Town of Mesilla, New Mexico

THE BOARD OF TRUSTEES (BOT) OF THE TOWN OF MESILLA WILL HOLD A REGULAR MEETING AT THE MESILLA TOWN HALL, 2231 AVENIDA DE MESILLA.

MONDAY, SEPTEMBER 26, 2022 – 6:00 PM

AGENDA

1. **PLEDGE OF ALLEGIANCE**
2. **ROLL CALL & DETERMINATION OF A QUORUM**
3. **CHANGES TO THE AGENDA & APPROVAL**
4. **PRESENTATION**
   a) Animal Companions of Las Cruces
5. **PUBLIC INPUT – The public is invited to address the Board for up to 3 minutes.**
6. **APPROVAL OF CONSENT AGENDA**: (The Board will be asked to approve by one motion the following items of recurring or routine business. The Consent Agenda is marked with an asterisk *)
   a) ***BOT MINUTES** - Minutes of Regular Meeting, September 12, 2022
7. **STAFF REPORTS**
   a) Transportation Project Fund Agreements and Colonias Matching Funds - Rod McGillivray
8. **NEW BUSINESS**
   a) **For Approval: BL #1005** – 2060 Calle de Parian submitted by Bader Jouda of Cannabis Tropic LLC for Cannabis license, **Zoned: Historical Commercial (HC).**
   b) **For Approval: BL #1006** – 2060 Calle de Parian submitted by Bader Juda of Cannabis Tropic LLC for business license, **Zoned: Historical Commercial (HC).**
   c) **For Approval: Sign Permit #0611433** – 2060 Calle de Parian submitted by Bader Jouda of Cannabis Tropical LLC to put up temporary "Coming Soon" sign in the window, **Zoned: Historical Commercial (HC).**
   d) **For Approval: PZHAC Case #061442** – 2755 Calle de San Albino submitted by ETMSS 2, LLC to replace fence, **Zoned: Historical Residential (HR).**
   e) **For Approval: BL #1018** – 626 N. Alameda Blvd, Las Cruces submitted by Melissa Clark of Desert Sky Realty & Investments, LLC for a business license, **Zoned: Historical Residential (HR).**
   f) **For Approval: STR #1019** – 1717 W Boutz Rd. #3 submitted by Desert Sky Realty & Investments, LLC for a Short-Term Rental (STR) registration, **Zoned: Historical Residential (HR).**

g) **For Approval:** **STR #1020** – 1717 W Boutz Rd. #4 submitted by Desert Sky Realty & Investments, LLC for a Short-Term Rental (STR) registration, **Zoned: Historical Residential (HR).**

h) **For Approval:** **STR #1021** – 2188 Calle de Norte submitted by Desert Sky Realty & Investment, LLC for a Short-Term Rental (STR) registration, **Zoned: Historical Residential (HR).**

i) **For Approval:** **PZHAC Case #061446** – 2415 Calle de Parian submitted by Robert Reynolds to install HVAC system, **Zoned: Historical Residential (HR).**

j) **For Approval:** **PZHAC Case #061447** – 2525 Calle de Parian submitted by Camila Rodriguez to install roof mounted solar system, **Zoned: Historical Residential (HR).**

k) **For Approval:** **Sign Permit #061448** – 2309 Calle de San Albino #3 submitted by Marshall McGinley to put up temporary sign in door and side window, **Zoned: Historical Commercial (HC).**

l) **For Approval:** **Sign Permit #061449** - 2309 Calle de San Albino #3 submitted by Marshall McGinley of to put up exterior double-sided sign, **Zoned: Historical Commercial (HC).**

m) **For Approval:** **PZHAC Case #061451** – 1901 Calle de Correo submitted by Brittany Bloch to build phase two of Black Rat Tattoo, **Zoned: Historical Commercial (HC).**

n) **For Approval:** **BL #1015** – 1745 Avenida de Mercado submitted by Saul D Burciaga-Molinar MD of Las Cruces Primary Care for a business license, **Zoned: Commercial (C).**

o) **For Approval:** **BL #1017** – 1745 Avenida de Mercado submitted by Danna Lara of Healthy Start Pediatrics LLC for a business license, **Zoned: Commercial (C).**

p) **For Approval:** **PZHAC Case #061440** – 2242 Calle de Sur submitted by Henry Lucero to put up field fence on property, **Zoned: Historical Residential (HR).**

q) **For Approval:** **BL #1027** – SW Mesilla Dam Trail 5 Mile submitted by Dina Marre for a business license for house cleaning, **Zoned: Commercial (C).**

r) **For Approval:** **PZHAC Case#061454** – 2128 Calle de los Huertos submitted by Helen Williamson Revocable Trust to relocate well water circuit, **Zoned: Historical Residential (HR).**

s) **For Approval:** Third Amendment to the Transportation Project Fund (FY19 LGTPF Calle del Norte Multi Use Path Phase II) for shortfall funding in the amount of $65,400.

t) **For Approval:** Second Amendment to the Transportation Project Fund (FY22 TPF Calle del Picacho Roadway Improvements) for shortfall funding in the amount of $234,624.07.

u) **For Approval:** Resolution 2022-14 Grant Agreement with NMDOT FY23 Transportation Project Fund for the redevelopment of Calle de Santiago Bridge for $468,656.

v) **For Approval:** Resolution 2022-16 Colonias Matching Funds

9. BOARD OF TRUSTEE COMMITTEE REPORTS

10. BOARD OF TRUSTEE/STAFF COMMENTS

11. ADJOURNMENT

NOTICE

If you need an accommodation for a disability to enable you to fully participate in the hearing or meeting, please contact us at 524-3262 at least one week prior to the meeting. The Mayor and Trustees request that all cell phones be turned off or set to vibrate. Members of the audience are requested to step outside the Board Room to respond to or to conduct a phone conversation. A copy of the agenda packet can be found online at www.mesillanm.gov.

Posted 9.22.2022 online and at the following locations: Town Clerk's Office 2231 Avenida de Mesilla, Public Safety Building 2670 Calle de Parian, Mesilla Community Center 2251 Calle de Santiago, Shorty's Food Mart 2290 Avenida de Mesilla, Ristramnn Chile Co., 2531 Avenida de Mesilla and the U.S. Post Office 2253 Calle de Parian.

Town of Mesilla, New Mexico

BOARD OF TRUSTEES (BOT)

TOWN OF MESILLA

REGULAR MEETING

MONDAY, SEPTEMBER 12, 2022 – 6:00 PM

MINUTES

TRUSTEES:	Nora Barraza, Mayor	
	Stephanie Johnson-Burick, Mayor Pro Tem	
	Biviana Cadena, Trustee	
	Veronica Garcia, Trustee	
	Adrianna Merrick, Trustee	
STAFF:	Rani Bush, Town Clerk/Treasurer	
	Ben Azcarate, Lieutenant	
	Kevin Hoban, Fire Chief	
	Rod McGillivray, Public Works Director	
	Enrique Salas, Marshal	
	Dorothy Sellers, Community Events Coordinator	
	Gloria Maya, Recorder	
PUBLIC:	Ron Scott	Pat Taylor
	Ashley Curry	Crystal Davis-Whited
	Andy Embury	Terry & Shannon Noe
	Bader Juda	Kimberly Juda
	Russel Hernandez	Yolanda Lucero

1. PLEDGE OF ALLEGIANCE

Mayor Barraza led the Pledge of Allegiance.

Mayor Barraza held a Moment of Silence.

2. ROLL CALL & DETERMINATION OF A QUORUM

Roll Call.
Present: Mayor Barraza, Mayor Pro-Tem Johnson-Burick, Trustee Cadena, Trustee Garcia, Trustee Merrick.

3. CHANGES TO THE AGENDA & APPROVAL

Motion: To approve agenda, Moved by Mayor Pro Tem Johnson-Burick, Seconded by Trustee Merrick.

Roll Call Vote: Motion passed (**summary:** Yes =4).
Mayor Pro Tem Johnson-Burick Yes
Trustee Cadena Yes
Trustee Garcia Yes
Trustee Merrick Yes

4. PRESENTATION

a) Walk to School Day Proclamation – September 21, 2022

Ms. Curry read the Walk to School Day Proclamation – September 21, 2022. Invited everyone to join the students on their walk to school.

Mayor Barraza asked for a Moment of Silence

5. PUBLIC INPUT – The public is invited to address the Board for up to 3 minutes.

No Public Input

6. APPROVAL OF CONSENT AGENDA: (The Board will be asked to approve by one motion the following items of recurring or routine business. The Consent Agenda is marked with an asterisk *)

Mayor Barraza asked if item Case #0614516 is going to be a Short-Term Rental or an expansion of the Black Rat Tattoo.

Mr. Padilla responded phase two will be residential which will be connected to the Black Rat Tattoo.

Mayor Pro Tem Johnson-Burick asked to removed items 6b thru 6n due to lack of information provided. She would like to see the position of the commissioners in each case. The Board Action form does not have adequate information.

Mayor Barraza responded that information can be provided. Staff gave the trustees pertinent information due to the size of the packet. PZHAC minutes cannot be included in the BOT packets until approved by commissioners.

Mayor Pro Tem Johnson-Burick stated she is not comfortable making decisions on cases when there is not sufficient information provided.

Mayor Barraza stated she received her email last night which was not enough time to provide the requested information. Trustees need to contact staff, when they get their packets, with any questions or concerns so they can provide the information.

Ms. Bush stated she will work on the Board Action Form and asked what information is being requested.

Mayor Pro Tem Johnson-Burick stated she is not ready to vote on these cases due to lack of information.

Mayor Barraza reiterated that trustees give staff adequate time to provide information needed.

Trustee Cadena stated we need to understand that if the applicant meets the ordinance the trustees need to vote. Recommends that PZHAC attend the BOT meetings or that we know exactly what is being proposed and taken into consideration.

Mayor Barraza reviewed the application process followed by staff.

Trustee Garcia stated the trustees do work with staff and are patient. We never complained when packets were sent out on Fridays at 4:00 p.m. or 5:00 p.m. We do ask that the staff works with them as we never ask for very much. She did ask about the PZHAC vote.

Mayor Barraza responded she agrees more information needs to be provided to the trustees, i.e., vote count.

Trustee Merrick stated she believes there have been some hasty decisions I the past. She believes everyone should have a fair shot and that is why they are asking for more clarification. As she has stated before, ask legal to be present at the meetings.

Motion: To approve consent agenda as amended, Moved by Mayor Pro Tem Johnson-Burick, Seconded by Trustee Garcia.

Roll Call Vote: Motion passed (**summary:** Yes =4).
Mayor Pro Tem Johnson-Burick Yes
Trustee Cadena Yes
Trustee Garcia Yes
Trustee Merrick Yes

Motion: To approve consent agenda, Moved by Mayor Pro Tem Johnson-Burick, Seconded by Trustee Garcia.

Roll Call Vote: Motion passed (**summary:** Yes =4).
Mayor Pro Tem Johnson-Burick Yes
Trustee Cadena Yes
Trustee Garcia Yes
Trustee Merrick Yes

a) ***BOT MINUTES** - Minutes of Regular Meeting, August 22, 2022. ***Approved by consent agenda***

b) ***<u>BL #1005</u>** – 2060 Calle de Parian submitted by Bader Jouda of Cannabis Tropic LLC for Cannabis license, **Zoned: Historical Commercial (HC).** ***Postponed***

c) ***<u>BL #1006</u>** – 2060 Calle de Parian submitted by Bader Juda of Cannabis Tropic LLC for business license, **Zoned: Historical Commercial (HC).** ***Postponed***

d) ***<u>Sign Permit #0611433</u>** – 2060 Calle de Parian submitted by Bader Jouda of Cannabis Tropical LLC to put up temporary "Coming Soon" sign in the window, **Zoned: Historical Commercial (HC).** ***Postponed***

e) *<u>**PZHAC Case #061442**</u> – 2755 Calle de San Albino submitted by ETMSS 2, LLC to replace fence, **Zoned: Historical Residential (HR).** ***Postponed***

f) *<u>**BL #1018**</u> – 626 N. Alameda Blvd, Las Cruces submitted by Melissa Clark of Desert Sky Realty & Investments, LLC for a business license, **Zoned: Historical Residential (HR).** ***Postponed***

g) *<u>**STR #1019**</u> – 1717 W Boutz Rd. #3 submitted by Desert Sky Realty & Investments, LLC for a Short-Term Rental (STR) registration, **Zoned: Historical Residential (HR).** ***Postponed***

h) *<u>**STR #1020**</u> – 1717 W Boutz Rd. #4 submitted by Desert Sky Realty & Investments, LLC for a Short-Term Rental (STR) registration, **Zoned: Historical Residential (HR).** ***Postponed***

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n) *<u>**PZHAC Case #061451**</u> – 1901 Calle de Correo submitted by Brittany Bloch to build phase two of Black Rat Tattoo, **Zoned: Historical Commercial (HC).** ***Postponed***

7. EXECUTIVE SESSION

Motion: To close Regular Meeting: discussion concerning purchase, acquisition, or disposal of real property or water rights pursuant to NMSA 1978, Section 10-15-1(H)(8) and concerning the Marshal and Public Works Departments pursuant to NMSA 1978 10- Moved by Mayor Pro Tem Johnson-Burick, Seconded by Trustee Garcia.

Roll Call Vote: Motion passed (**summary:** Yes =4).
Mayor Pro Tem Johnson-Burick Yes
Trustee Cadena Yes
Trustee Garcia Yes
Trustee Merrick Yes

Entered Executive Session at 6:33 p.m.

a) Discussion concerning purchase, acquisition, or disposal of real property or water rights pursuant to NMSA 1978, Section 10-15-1(H)(8)

b) Discussion concerning Marshal and Public Works Departments pursuant to NMSA 1978 Chapter 10-15-1(H)(2)

Motion: To enter Regular Meeting: limited discussion concerning purchase, acquisition, or disposal of real property or water rights pursuant to NMSA 1978, Section 10-15-1(H)(8) and concerning the Marshal and Public Works Departments – no action taken, Moved by Trustee Garcia, Seconded by Trustee Merrick.

Roll Call Vote: Motion passed (**summary:** Yes =4).
Mayor Pro Tem Johnson-Burick Yes
Trustee Cadena Yes
Trustee Garcia Yes
Trustee Merrick Yes

Entered Regular Meeting at 7:16 p.m.

8. STAFF REPORTS

a) Calle de Picacho Utility Replacement Project Loan and FY23 Transportation Project Fund Hardship Match Waiver – Rod McGillivray

Mayor Barraza reviewed the Calle de Picacho Utility Replacement Project Loan.

Ms. Bush reviewed the process.

9. NEW BUSINESS

a) For Approval: Calle de Picacho Utility Replacement Project Loan

Motion: To approve Calle de Picacho Utility Replacement Project Loan, Moved by Trustee Garcia, Seconded by Mayor Pro Tem Johnson-Burick.

Roll Call Vote: Motion passed (**summary:** Yes =4).
Mayor Pro Tem Johnson-Burick Yes
Trustee Cadena Yes
Trustee Garcia Yes
Trustee Merrick Yes

b) For Approval: Resolution 2022-15 FY23 Transportation Project Fund Hardship Match Waiver

Mayor Barraza stated a letter will be submitted to Department of Transportation (DOT) requesting a hardship match waiver of $23,432.80.

Motion: To approve Resolution 2022-15 FY23 Transportation Project Fund Hardship Match Waiver, Moved by Trustee Garcia, Seconded by Mayor Pro Tem Johnson-Burick.

Roll Call Vote: Motion passed (**summary:** Yes =4).
Mayor Pro Tem Johnson-Burick Yes
Trustee Cadena Yes
Trustee Garcia Yes
Trustee Merrick Yes

10. BOARD OF TRUSTEE COMMITTEE REPORTS

Trustee Garcia: NMML Conference last week, Architectural Style Committee Tuesday

Trustee Merrick: MPO meeting Wednesday

Mayor Pro Tem Johnson-Burick: Meeting on Transitional Process on Tuesday, MPO meeting Wednesday at 1:00 p.m.

Mayor Barraza: NMML Conference last week, MPO meeting Wednesday, NM Planning and Zoning Training, Mayor Summit USA/Mexico in San Diego October 11 thru 13, 2022.

11. BOARD OF TRUSTEE/STAFF COMMENTS

(Written staff reports included in packet)

Fire Chief Hoban stated the NMML was a good conference. They will be receiving the new brush truck. We received approval of a grant to purchase equipment. We received the devices that were purchased through AARA. Fire Prevention Proclamation will be presented at the next meeting. He is planning to retire in November or December.

Mayor Barraza stated they will be starting the interview process.

Trustee Merrick stated the NMML was a good conference. She understands the frustration the applicants that had their cases postponed. We need to ensure that we are making correct decisions. Thanked Fire Chief Hoban for his service.

Mayor Pro Tem Johnson-Burick thanked the Fire Chief for his dedicated service. We need to be well informed to make decisions she is comfortable with.

Trustee Garcia stated agrees the trustees need to be well informed before making decisions. She is available to help with anything for the fiesta this weekend. Policewomen National Day; thanked Deputy Hernandez for her service to the town.

Trustee Cadena stated she apologized to the applicants. We need to build trust and ensure applications meet ordinances. Our goal is to do right for our town.

Mayor Barraza asked the trustee if they would be participating in the parade so she can get a vehicle and to be at the parade site by 9:40 a.m. She asked the trustee to be present at the opening ceremonies at 12:00 noon both Saturday and Sunday. Mr. Padilla will be attending the NMLPZ conference. Walk to School Day will be on Wednesday, RTD meeting on Wednesday, September 28th. They will be working on the Board Action Form to be more informative. The cadet graduation was great. She asked if the cadets could be present at the next BOT meeting. She thanked the firefighters for all their work. Fire Chief Hoban used the siren in reflection of 9/11.

Fire Chief Hoban stated the fire department was established in 1960 and there was a siren that had a phone which was purchased by the residents that would go off until someone got to the station.

12. ADJOURNMENT

The Town of Mesilla Trustees unanimously agreed to adjourn the meeting. (Summary: Yes-4).

MEETING ADJOURNED AT 7:48 P.M.

APPROVED THIS 25th DAY OF SEPTEMBER, 2022.

_____

Nora L. Barraza
Mayor

ATTEST:

_____

Rani Bush
Town Clerk/Treasurer

BOARD ACTION FORM

AGENDA DATE
PZHAC: September 6, 2022 **BOT:** September 26, 2022

ITEM: **BL #1005** –2060 Calle de Parian submitted by Bader Juda of Cannabis Tropic LLC for a Cannabis license, **Zoned: Historical Commercial (HC)**

BACKGROUND AND ANALYSIS: The applicant proposes to open a business for retail of legal cannabis at the following location. This application and all supporting documents were reviewed and approved by Architectural Styles Committee and PZHAC.
It is determined that the proposed application is acceptable and meets all applicable Town codes, the application should continue based on finding stated below.

MUNICIPAL TOWN CODE:
This application falls under the new ordinance just passed by the Board of Trustees on December 30, 2021 and went into effect on January 4, 2022 (MTC Chapter 18.100).

SUPPORTING INFORMATION:

- Town of Mesilla Cannabis License Application
- Certificate of Organization from the Secretary of State of New Mexico
- Copy of Cannabis Retailer License from the State of New Mexico Regulation & Licensing Department Cannabis Control Division
- Site Plans
- Commercial Lease Agreement

PZHAC ACTION:
Applicant has met all request asked by the PZHAC to move this application forward. The vote of the PZHAC was 3-2.

BOT OPTIONS:
The Board of Trustees may:

1. Recommend approval of this case with findings stated above.
2. Recommend approval of this case with findings stated above and conditions.
3. Deny the application.

Print

BL #1005

TOWN OF MESILLA
CANNABIS LICENSE
APPLICATION

2231 Avenida de Mesilla, P.O. Box 10, Mesilla, NM 88046 (575) 524-3262

PLEASE INCLUDE A COPY OF YOUR CURRENT STATE CANNABIS LICENSE. IF NOT LICENSED, A COPY OF YOUR COMPLETE APPLICATION TO THE STATE OF NEW MEXICO, WITH YOUR APPLICATION. FEE DUE: $250.00. A COPY OF YOUR ISSUED LICENSE FROM THE STATE MUST BE ON FILE PRIOR TO OPERATING.

☐ New Application ☐ Renewal

The Cannabis Tropical, LLC
Business Name

2060 calle de parian Mesilla NM 88046
Physical Address City State Zip Code

Bader Jarda
Owner's Name

12356 Desert Palms Ave El Paso TX 79938
Mailing Address City State Zip Code

915 800 5842
Owner's Telephone/Cell Number

State License Number

By signing below, you acknowledge the Town's Cannabis Ordinance and NM State Laws and will follow them to the best of your ability.

Signed: _____ Date: 7-13-22

Please return this completed form to:
Town of Mesilla
Attn: Cannabis Licensing
2231 Avenida de Mesilla
P.O. Box 10
Mesilla, NM 88046

Once this form, $250.00 fee, and the required documentation has been received, you will be issued a current license by the Town of Mesilla. This license shall be renewed annually no later than June 30.

****Both a cannabis license and a business license are required to do business within the Town of Mesilla limits.****

FOR OFFICIAL USE ONLY

Date Received: RECEIVED JUL 15 22 Receipt #: _____

OFFICIAL USE ONLY:
Code 101 #10-43060
Fee $ 250
Received by: _____

#1005

This digital copy of your license is to be used for limited purposes only and does not replace the official license issued and mailed by the New Mexico Regulation and Licensing Department. This digital copy may be used for insurance credentialing or for other limited purposes when an official license is not available. This digital copy should not be used for public display, except for temporary purposes, if the license is required to be displayed at the licensee's primary place of business. Additional copies or replacements of an official license may be ordered for a fee online through the licensing portal.

State of New Mexico

RLD

Regulation & Licensing Department
Cannabis Control Division

HEREBY CERTIFIES THAT

The Cannabis Tropical, LLC

HAVING GIVEN SATISFACTORY EVIDENCE OF THE LICENSING REQUIREMENTS PRESCRIBED BY LAW IS GRANTED A LICENSE TO OPERATE IN THE STATE OF NEW MEXICO AS A

Cannabis Retailer

License No. CCD-2022-0681-001 Issued 08/01/2022 Expires 08/01/2023

THIS LICENSE SHOULD BE CONSPICUOUSLY POSTED IN PLACE OF BUSINESS OR AS REQUIRED BY LAW

STATE OF NEW MEXICO
MAGGIE TOULOUSE OLIVER
SECRETARY OF STATE

Limited Liability Company

ONLINE ARTICLES OF ORGANIZATION

The undersigned, acting as organizer(s) of a Limited Liability Company pursuant to the New Mexico Limited Liability Company Act, adopt the following Articles of Organization:

ARTICLE ONE: The name of the Limited Liability Company is:

The Cannabis Tropical, LLC

ARTICLE TWO: The period of duration is: Perpetual

ARTICLE THREE:
(1) The name of the initial registered agent at the address is:

First Name	Last Name
Bader	Jouda

(2) The New Mexico street address of the company's initial registered agent is:

Type	Address	City	State	Zip	Country
Physical Address	8214 Second St. NW Suite A	Albuquerque	NM	87114	USA

(Post Office Box is not acceptable. Provide a description of the geographical location if a street address does not exist.)

(3) The street address of the company's principal place of business, if different from its registered agent's address is:

Address	City	State	Zip	Country
12356 Desert Palms Ave	El Paso	TX	79938	USA

(4) The mailing address of the Limited Liability Company is:

Address	City	State	Zip	Country
12356 Desert Palms Ave	El Paso	TX	79938	USA

Email Address: bader.jouda724@gmail.com

Phone: NONE

ARTICLE FOUR: (Check only if applicable):

☑ YES Management of the business and affairs of the company is vested in a manager(s).

Manager Name and address:

Name	Physical Address	Mailing Address
Bader Jouda	12356 Desert Palms Ave, El Paso, TX 79938	12356 Desert Palms Ave, El Paso, TX 79938

ARTICLE FIVE: (Check only if applicable):

☑ YES The Limited Liability Company is a single member Limited Liability Company.

Member Name and address:

Name	Physical Address	Mailing Address
Bader Jouda	12356 Desert Palms Ave, El Paso, TX 79938	12356 Desert Palms Ave, El Paso, TX 79938

ARTICLE SIX: If these Articles of Organization are not to be effective upon filing with the Secretary of State's Office, the effective date is *(If an effective date is specified here, it cannot be a date prior to the date the articles are received by the Secretary of State's Office.)*

Effective Date

06/15/2022

Purpose: To conduct any lawful activity under the Cannabis Regulation Act 26-2C-1 to 26-2C-42 NMSA 1978

NAICS Code:

NAICS Sub Code:

Organizer(s) Printed Name(s):

(Typing the First and Last Name of the Organizer(s), is the equivalent of an electronic signature.)

First Name	Last Name
Bader	Jouda

Limited Liability Company

ONLINE STATEMENT OF ACCEPTANCE OF APPOINTMENT BY DESIGNATED INITIAL REGISTERED AGENT

I,

Bader	Jouda

hereby acknowledge that the undersigned individual accepts the appointment as Initial Registered Agent of **The Cannabis Tropical, LLC** the Limited Liability Company which is named in the annexed Articles of Organization.

(Typing the First and Last Name of Initial Registered Agent, is the equivalent of an electronic signature.)

License Information

Basic Information

License not issued

Contact Information

Licensed Business Name
The Cannabis Tropical, LLC

Address Street
2060 Calle de Parian

Address City
Mesilla

Address State
NM

Address Mailing Postal Code
88046

Regulatory Authorization Information

Issuing Division
Cannabis Control Division

License Type
Cannabis Retailer

Home(/bcd/s/) License Search License(/bcd/s/public-search-license-division)

All New Application

Status

Search

Clear

Application ID	Applied Date	License Type	Status	Action	Issuance
PAR-0000031048	7/21/2022	Cannabis Retailer	Submitted	View	

Displaying page 1 / 1

Business Owners

Name

Bader Jouda

Premises Details & Documents

2060 Calle de Parian,Mesilla,NM,88046

Premises License

License not issued

Back to Search

Google Maps

2030 Calle De Parian

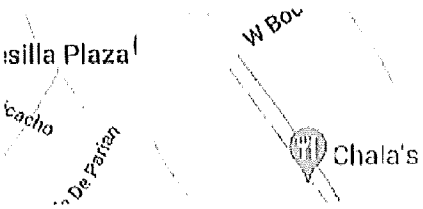
2060 Calle de Parian

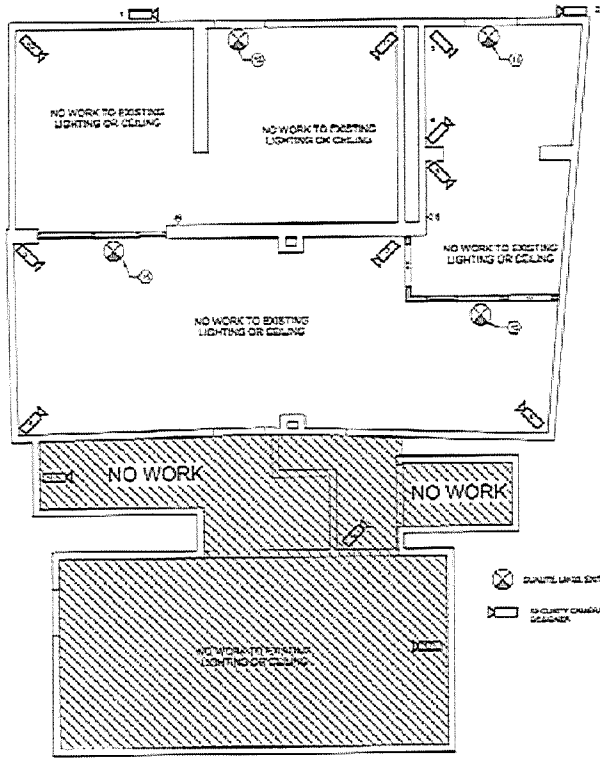
Image capture: Jul 2021 © 2022 Google

Las Cruces, New Mexico

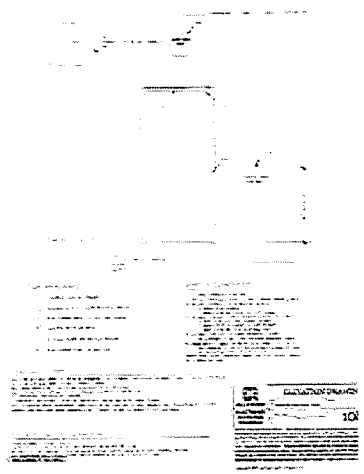
Google

Street View - Jul 2021





B1 / A101 REFLECTED CEILING PLAN
1/4" = 1'-0"



GENERAL NOTES

1. REFER TO PARTITION SHEET FOR GENERAL PARTITION NOTES.
2. REFER TO REFLECTED CEILING PLAN SHEETS FOR CEILING MOUNTED EQUIPMENT, CEILING TRANSITIONS AND RETAIL INFORMATION.
3. REFER TO PLUMBING DWG'S FOR DRAIN LOCATIONS AND SCHEDULED EQUIPMENT.
4. SEAL ALL PENETRATIONS AT EXTERIOR WALLS (PARTITION HEAD CONNEKIONS) INSULATION WITH MINERAL WOOL OR QUALITY FOAM INSULATION.
5. ALL DIMENSIONS ARE TO FACE OF STUD OR MASONRY. VERIFY ALL DIMENSIONS PRIOR TO BEGINNING ANY WORK. INFORM ARCHITECT OF ANY ERRORS FOUND IN WORK DIMENSIONS OR MASONRY.

KEYNOTE LEGEND

1	EXISTING SERVICE SINK TO REMAIN. CONTRACTOR TO PROTECT FROM DAMAGE DURING CONSTRUCTION.
2	GLASS ALUMINUM DOOR. DOOR SHALL ENABLE FREE ACCESS AT ALL TIMES.
3	PLASTER FINISHED CEILING
4	TRANSLUCENT WINDOW WITH PRESS-THRU LETTERING
5	COLLAPSIBLE
6	COUNTERTOP CLIPBOARD BRACKET. INSTALL PER MANUFACTURER'S INSTRUCTIONS
7	ULTRASONIC TRUTH MACHINE PROVIDED BY OWNER
8	ELECTRICAL DATA OUTLET TO BE RELOCATED. CONTRACTOR TO CONNECT TO EXISTING CIRCUIT
9	DISPLAY CASE PROVIDED BY OWNER
10	SLIP RESTAURANT KITCHEN, TAILOR WINDOW
11	EXISTING PLUMBING FIXTURE TO REMAIN. NO WORK IN THIS AREA
12	HOLLOW METAL DOOR. DOOR SHALL ENABLE FREE ACCESS AT ALL TIMES
13	EXISTING WALL TO REMAIN. CONTRACTOR TO PROVIDE AND INSTALL BOARDS AND FINISHES TO ALL UNFINISHED WALLS
14	CHART AT EACH BUTTON PLATE WITH ACCURATE FLOWER DEPARTMENT
15	EXPERIMENTAL ON OF SWITCH - REFER TO ELECTRICAL
16	NEW ELECTRICAL DUPLEX OUTLET

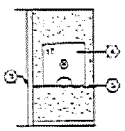
FIRST FLOOR DOOR AND FRAME SCHEDULE

DOOR							FRAME						
MARK	WIDTH	HT	THICK	ELEV	MATL	CLR	ELEV	MATL	MAT	FIRE RATING	HDW SET	COMMENTS
101	3'-0"	7'-0"	1 3/4"	A	ALUM	1'-0"	-	ALUM	1"	NR	13	Combinate with electrical
102	3'-0"	7'-0"	1 3/4"	A	ALUM	1'-0"	-	ALUM	1"	NR	13	Combinate with electrical

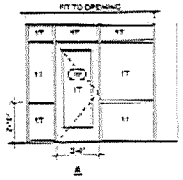
GLAZING SCHEDULE

1. 1/4" CLEAR
17. 1/4" CLEAR TEMPERED

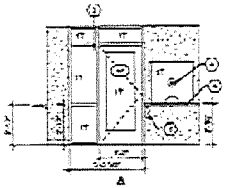
NOTE: ALL DOOR HARDWARE TO COMPLY WITH NM 2015 IBC CODE SECTION 1010.1.9 REGARDING HARTWARE, HARDWARE MOUNT, LOCKS AND LATCHES, BUILT LOCKS, UNLATCHING, CONTROLLED ACCESS DOORS, DELAYED MORELL SENSOR RELEASE OF ELECTRICALLY LOCKED EGRESS DOORS, ELECTROMAGNETIC LOCKED EGRESS DOORS, LOCKING ARRANGEMENTS IN CONVENTIONAL FACILITIES AND STAIRWAY TOWER



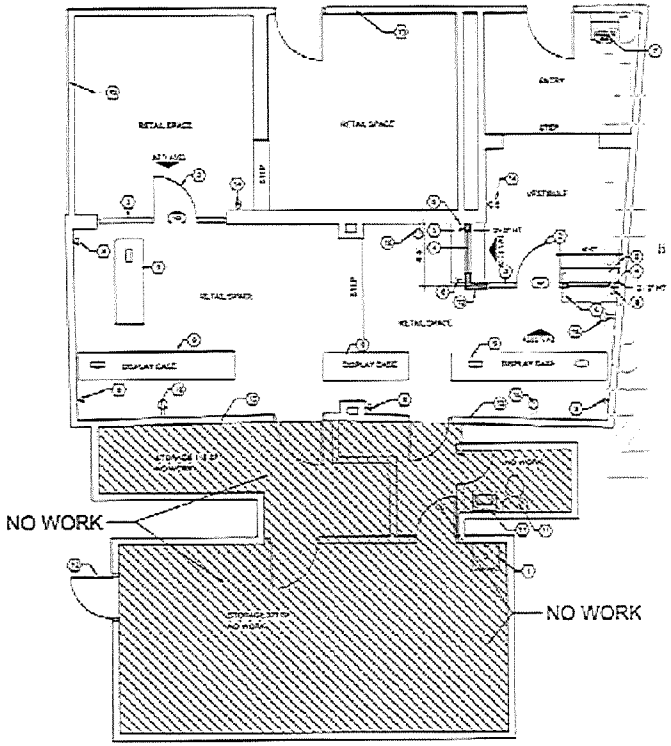
A1 / A101 VESTIBULE
1/4" = 1'-0"



A2 / A101 FRONT RETAIL
1/4" = 1'-0"



A3 / A101 VESTIBULE WEST 1
1/4" = 1'-0"



A4 / A101 FLOOR PLAN
1/4" = 1'-0"

CANNABIS RETAIL TENANT IMPROVEMENT
2080 CALLE DE PARIAN
MESILLA, NM 88005

PROJECT NO. 477-05

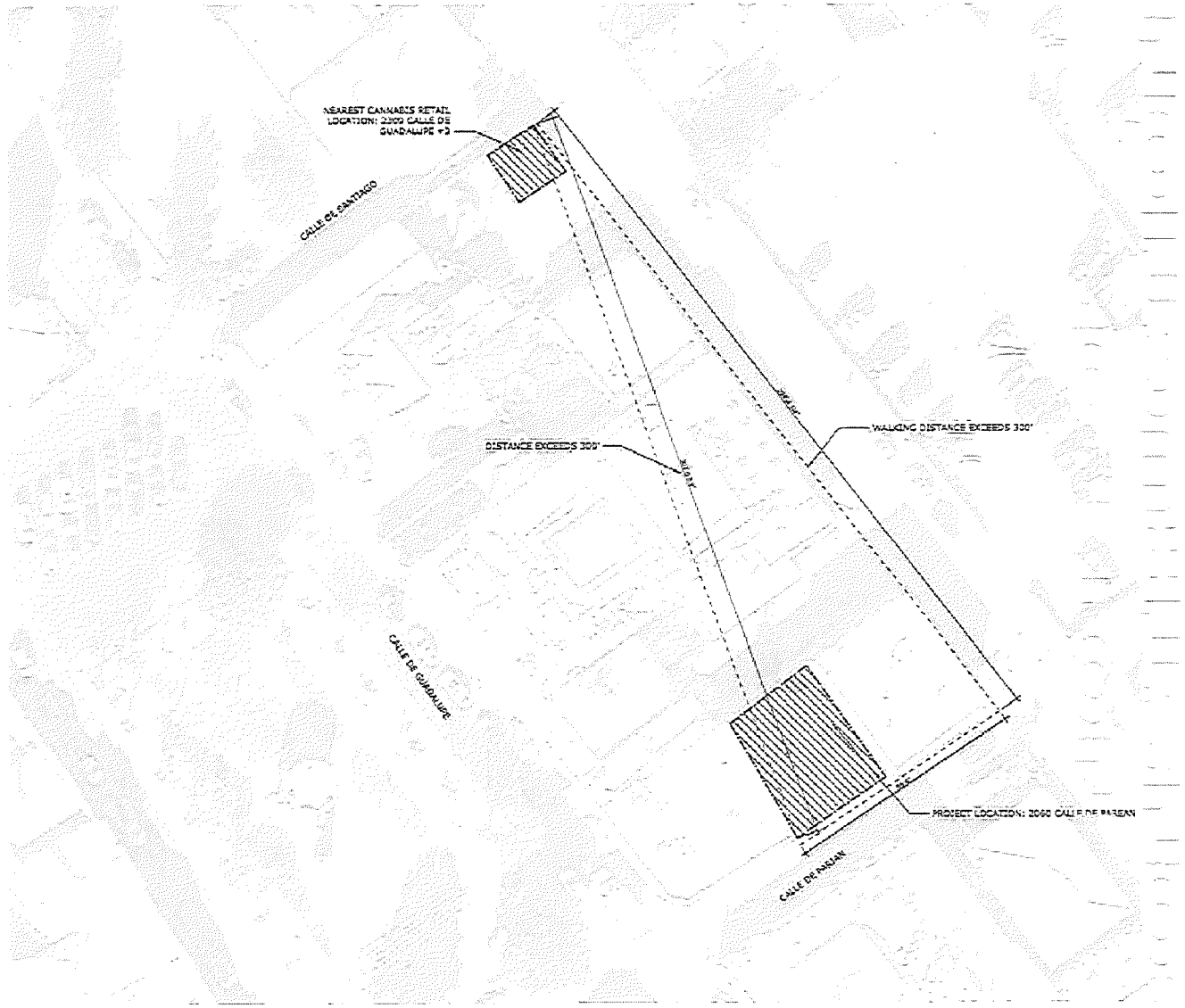
SHEET TITLE
FLOOR PLAN

SHEET NO.
A101

APPLICABLE CODE

MESILLA TOWN CODE ORDINANCE SECTION 18.05.044

THE APPLICANT MUST DEMONSTRATE THAT THE LOCATION OF THE PROPOSED LICENSED PREMISE IS NO LESS THAN 300 FEET FROM ANY OTHER LICENSED CANNABIS RETAIL PREMISE. MEASUREMENTS SHALL BE MADE FROM ANY WALL OF THE TWO PROPOSED FOR LICENSED CANNABIS PREMISES. NOTHING HEREIN PROHIBITS MULTIPLE LICENSES FROM OPERATING FROM A SINGLE PREMISES.



A2 / A102 SITE DIAGRAM
1" = 20'-0"

CANNABIS RETAIL TENANT IMPROVEMENT

2060 CALLE DE PARIAN
MESILLA, NM 88005

DESERT PEAK ARCHITECTS

PROJECT NO. 477-05

SITE DIAGRAM

SHEET NO.

A102

Property Management & Investments of New Mexico, LLC

205 W. Boutz Road Bldg. 6 Ste. B
Las Cruces, NM 88005
575-652-4043

COMMERCIAL LEASE AGREEMENT

THIS LEASE AGREEMENT (this "Lease") is entered into as of July 1, 2022, between The Cannabis Tropical, LLC (Bader Jouda), (hereinafter termed "Landlord"), and Julienne and OD Hadfield c/o PMI of New Mexico, a Cannabis Retail Store, (hereinafter termed "Tenant").

1. **LEASED PREMISES:** In consideration of the mutual covenants and agreements herein set forth, and other good and valuable consideration, Landlord does hereby demise and lease to Tenant, and Tenant does hereby lease from Landlord, the hereinafter described property, together with the buildings or portion of any said buildings, and all improvements thereon, said property being situated in Las Cruces, Dona Ana County, New Mexico, and being described as follows, to-wit:

A Commercial Retail Space consisting of approximately 2000 square feet at 2060 Calle De Parian, Mesilla, NM 88046 and hereinafter termed "Leased Premises".

Legal Description: _____

2. **TERM:** The Lease term shall be for a period of 1 year beginning on July 1, 2022 and ending on June 30, 2023. Tenant is granted immediate possession of the premises upon payment of the amounts identified below. A 30 day prior written notice is necessary to terminate this Lease Agreement and shall not be terminated prior to lease end.

3. **RENT:** (a) **Initial Term:** Tenant agrees to pay to Landlord as Base Rent ("Base Rent") for the "Leased Premises" without any prior demand therefor, and the following monthly and annual sums for each year of the "Initial Term", payable monthly in advance on the 1st day of each and every calendar month of this Lease, to-wit:

Base Rent will escalate at n/a % per annum or at $ n/a per annum.

Term	Monthly Rent	Annual Rent
Year 1	$ 3,000.00	$ 36,000.00
Year	$	$
Year	$	$
Year	$	$
Year	$	$

This rent "Base Rent", and any other "Additional Rent" shall be paid or mailed to: Property Management & Investments of New Mexico, LLC. 205 W. Boutz Road Bldg. 6 Ste. B, Las Cruces, NM 88005.

The first month's "Base Rent" of $ 3,000.00, CAM fee of $ 0.00 insurance of $ 0.00 and taxes of $ 0.00 (for a total of $ 3,000.00), shall be due by Tenant to Landlord upon completion of the remodel and issuance of an occupancy permit by the City of Las Cruces. Tenant shall sign a written acknowledgement of the date it receives possession of the "Leased Premises". "Base Rent" for any fractional month shall be pro rated for that month and not be applicable to any other month. Notwithstanding anything to the contrary contained in this Lease, in order to cover the expense involved in handling delinquent payments, **Tenant shall pay a late charge of 10%** when any installment of rent is received at the address of Landlord or Landlords representative more than five (5) days after the due date thereof. This late charge shall commence on the sixth day after the due date. It is hereby understood that the late charge computed hereunder is not additional rent, is not interest, and is not a penalty; it is merely for the purpose of defraying Landlord's expenses incident to the processing of overdue payments. An additional sum of $50.00 will be due by Tenant for any returned check.

(b) Said rental shall be paid to Landlord at such place or places as Landlord, in writing or verbally, may from time to time reasonably direct.

(c) All past-due rentals, additional rentals, and/or other sums due to Landlord under the terms of this Lease shall bear interest at the rate of 10%, from the due date thereof until paid by Tenant. All rentals in this Lease shall be paid or mailed to: **Property Management & Investments of New Mexico, LLC, 205 W. Boutz Road Bldg. 6 Ste. B, Las Cruces, NM 88005** or to such other payee or address as Landlord may designate in writing to Tenant.

(d) In addition to "Base Rent", Tenant agrees to pay to Landlord additional rent ("Additional Rent") which includes, Taxes and Assessments as provided in Paragraph 7 below, Insurance as provided in Paragraph 8 below, and Utilities/Janitorial Services as provided in Paragraph 9 below. Each such monthly installment being due and payable simultaneously with Tenant's payment of monthly "Base Rent" due hereunder, also without any prior demand therefore, and without any deduction or setoff whatsoever and without any grace period.

4. **SECURITY DEPOSIT:** Concurrently with the execution of this Lease, Tenant shall deposit with the Landlord the sum of $ 2,500.00 which shall be held by Landlord, without obligation for interest or segregation, as security for the performance of Tenant's covenants and obligations under this Lease. It is expressly understood and agreed that such deposit is not an advance rental deposit or a measure of Landlord's damages in case of Tenant's default. Upon the occurrence of any event of default by Tenant, Landlord may, without prejudice to any other available remedy, use such fund to make good any rent arrearage or any other damage, injury, expense (including attorneys fee expense) or liability caused by such event of default; and Tenant shall pay to Landlord, on demand, the amount so applied in order to restore the security deposit to its original amount. If Tenant is not then in default hereunder, any remaining balance of such deposit shall be returned by Landlord to Tenant upon the termination of this Lease.

5. **COMMON AREA MAINTENANCE (CAM) CHARGES: For the purposes of this lease the common area is defined as all the area being leased by this tenant.** The Common Area Maintenance Charges shall be defined as the Landlord's actual costs and expenses incurred as a result of Landlord's maintenance of the driveways, loading areas, walkways, parking area and other areas common to the "Leased Premises". As used herein, maintenance includes work, labor, and services performed, and materials furnished for the upkeep of the Common Area and includes without limitation the cost of cleaning, repairing, servicing, lighting, landscaping, paving, fencing, policing and supervising such area, signage, parking lot sweeping, power-washing, sanitary control, pigeon control, removal of garbage, ice or other impediments, security, policing and supervising the "Leased Premises" and the cost of personnel to implement such services and other services required to maintain the "Leased Premises". In addition, Common Area Maintenance Charges shall include Landlord's actual costs and expenses incurred in securing and maintaining fire and extended coverage insurance upon the "Leased Premises", in accordance with Paragraph 8 below.

Tenant shall timely pay to Landlord as "Additional Rent", all Common Area Maintenance (CAM) Charges for the "Leased Premises". This "Additional Rent" shall be computed on an annual basis commencing and ending on such dates as may be designated by Landlord and shall be paid by Tenant promptly upon receipt of bills from Landlord, without any deduction or setoff whatsoever. For the purpose of adjusting the rental hereunder, the base year shall be the first full Lease year after the commencement of the Lease term hereunder.

Landlord shall estimate the Common Area Maintenance (CAM) Charges annually, shall notify Tenant of such estimate, and Tenant shall pay all of such estimate in twelve (12) equal monthly installments commencing on the first day monthly installments of "Base Rent" are due following such notification. Within a reasonable time following the end of each Lease Year, Landlord shall notify Tenant in writing of the actual Common Area Maintenance (CAM) Charges for the preceding year. In the event that Tenant has paid more than the actual costs of Common Area Maintenance (CAM) Charges during the preceding year, such excess shall be credited by Landlord against Tenant's obligation to pay Common Area Maintenance (CAM) Charges in the following year. In the event that Tenant has paid less than the actual costs of the Common Area Maintenance (CAM) Charges, Tenant shall pay such deficiency to Landlord within fifteen (15) days of receipt of the statement for such deficiency.

Notwithstanding anything in this Lease to the contrary, Common Area Maintenance (CAM) Charges shall not include any costs or expenses incurred by Landlord in bringing the premises or the property into compliance with the requirements of the Americans With Disabilities Act (ADA), either voluntarily or in response to a notice of noncompliance.

Given that this property is a single tenant user, Common Area Maintenance (CAM) will not be charged as long as tenant keeps the property well maintained. If the tenant does not maintain the property following 30 days written notice from Landlord, Landlord shall perform the necessary maintenance and bill the Tenant which payment will be due in 30 days. Taxes, assessments and insurance are not considered part of the Common Area Maintenance (CAM) and will be billed separately.

6. **TAXES AND ASSESSMENTS:** (a) Tenant shall pay to Landlord before delinquency all taxes and assessments of any nature which may be levied against the "Leased Premises" and all rentals, parking tax, and all other taxes and assessments attributable to the existence, use and occupancy of the "Leased Premises", including but not limited to, all Dona Ana County Ad Valorem Taxes. Tenant's responsibility for the payment of any and all taxes and assessments on the "Leased Premises" are included as a part of Tenant's "Additional Rent" obligation described in Paragraph 4 (f) above. Any and all of said taxes and assessments which may be levied against the "Leased Premises" shall be pro rated on a monthly basis for any fractional year of this Lease, except December 2001 and only otherwise as may be agreed in writing by Landlord.

Landlord shall estimate the taxes and assessments due annually on the "Leased Premises" and shall notify the Tenant of such estimate and the Tenant shall pay all of such estimate in twelve (12) equal monthly installments, as provided for in Paragraph 7(c) below. The Landlord's estimate of Ad Valorem taxes shall be based upon Ad Valorem taxes for the previous year or in the alternative, Landlord's good faith estimate. However, in the event of increase in the Ad Valorem taxes or other taxes and assessments due hereunder, Tenant shall be responsible for such increases as provided for in Paragraph 7(d) below.

(b) Tenant shall also pay all lawful sales tax, gross proceeds tax, and all lawful personal property taxes assessed against all equipment and personal property on the "Leased Premises" or placed by Tenant on the "Leased Premises" during any term hereof. Tenant shall have the right to contest the validity of any tax which it has paid or is required to pay hereunder and for that purpose shall have the right, at its sole cost, after payment of the taxes allegedly due, to institute such proceeding or proceedings in the name of Tenant only. Landlord shall cooperate with Tenant, execute such documents and perform such acts to the extent reasonably required by the Tenant to effectively contest the validity of such tax, all at Tenant's sole cost.

(c) In order to facilitate the collection of taxes due by Tenant hereunder, Tenant shall deposit with Landlord on the day monthly installments of "Base Rent" are due an amount equal to one-twelfth (1/12th) of all annual taxes and levies due from Tenant to Landlord hereunder. Tenant's obligation to pay taxes, levies and assessments shall be based upon the previous year's experience or good faith estimates made by Landlord of projected taxes due for the subject year. Any difference between such estimated taxes, levies and assessments and the actual taxes, levies and assessments due shall be disclosed to Tenant by Landlord, at such times as Landlord is reasonably able, following notice to Landlord of such actual taxes, levies and assessments. The necessary refund by Landlord or additional payment by Tenant shall be made within fifteen (15) days following notice to Tenant of the amount due; provided, however, no refund shall be paid to Tenant should Tenant be in default in any of Tenant's obligations provided in this Lease.

(d) Other Taxes and Assessments Provisions: At the time the Landlord will pay for any Taxes and Assessments relating to the property.

(e) **Tax Changes:** If because of any change in the taxation of real estate or in the event any other tax or assessment (including, without limitation, any occupancy, gross receipts or rental tax) is imposed upon Landlord or the owner of the land and/or building for the occupancy, rents or income therefrom, in lieu of, or in substitution for, or in addition to, any of the foregoing taxes, such other tax or assessment shall be deemed part of the taxes due by Tenant to Landlord as "Additional Rent" hereunder.

7. **INSURANCE:** (a) **Landlord's Insurance**. During the "Initial Term" and any "Renewal Term" of this Lease, Landlord shall secure and maintain fire and extended coverage insurance upon the "Leased Premises". Such policy or policies of insurance shall be in an amount determined solely in the discretion of the Landlord, shall be written by an insurance company or association chosen by the Landlord and authorized to issue such policies under the laws of the State of New Mexico, and shall name Landlord as the only insured. Such insurance, by its terms or by endorsement, shall waive any right of subrogation of the issuer against Landlord, its agents and employees, for any loss or damage resulting from fire or extended coverage perils. All payments from the insurance company relative to any damage to the "Leased Premises", including the "Leased Premises" shall be payable solely to Landlord. Landlord shall be entitled to retain all of said insurance proceeds, without any offset in favor of Tenant. Landlord shall have the right but not the obligation to repair the "Leased Premises".

Tenant shall, in accordance with Paragraph 6 above, on demand, pay or reimburse to Landlord the cost(s) of the fire and extended coverage insurance policy maintained by Landlord on the "Leased Premises". Tenant's obligation to pay to Landlord the total cost(s) of insurance on the "Leased Premises" shall be "Additional Rent" due hereunder.

(b) **Tenant's Property Insurance**. Tenant, at Tenant's sole expense, shall keep all personal property of Landlord or Tenant including goods, furniture, fixtures, equipment, machinery, inventory, commodities and other material stored by Tenant in or about the "Leased Premises" fully insured against any loss or damage in an amount equal to not less than the full replacement value of such personal property, without off-set or depreciation.

The policy or policies shall in all respects and amounts be acceptable to Landlord and, without limiting the foregoing general requirements, shall provide coverage for vandalism and malicious mischief.

Tenant shall not commit or permit any acts in or about the "Leased Premises" which may in any way impair or invalidate such policy or policies. The full replacement value of such improvements shall be determined from time to time but not less than once a year by Landlord.

Tenant shall give Landlord immediate written notice of any casualty and shall fully cooperate with Landlord in filing all necessary proofs of claims with insurance companies. The proceeds of such insurance applicable to the "Leased Premises" shall be delivered to Landlord and be the property of Landlord.

(c) **Damage and Destruction of "Leased Premises"**. If the "Leased Premises" are hereafter damaged or destroyed or rendered partially untenantable for their permitted use by fire or other casualty insured under the coverage which Landlord is obligated to carry pursuant to this Paragraph 8, Landlord shall promptly repair the same to substantially the condition which they were in immediately prior to the happening of such insured casualty (excluding stock in trade, fixtures, furniture, furnishings, carpeting, floor covering, wall covering, drapes, equipment, and personal property of Tenant), and from the date of such casualty until the "Leased Premises" are so repaired and restored, only the "Base Rent" payable hereunder shall abate in such proportion as the part of said "Leased Premises" thus destroyed or rendered untenantable bears to the total "Leased Premises"; PROVIDED, HOWEVER, that Landlord shall not be obligated to repair and restore if such casualty is not covered by the insurance which Landlord is obligated to carry pursuant to this Paragraph 8 or is caused directly or indirectly, in whole or in part, by the negligence of Tenant, its agents, employees, representatives, invitees and/or licensees, and in either of such events, no portion of the "Base Rent" or other payments payable hereunder shall abate, and PROVIDED, FURTHER, that Landlord shall not be obligated to expend for any repair or restoration an amount in excess of the insurance proceeds received by Landlord therefor, and PROVIDED, FURTHER, that if the "Leased Premises be damaged, destroyed, or rendered untenantable for their accustomed uses by fire or other casualty to the extent of more than fifty percent (50%) of the cost to replace the "Leased Premises" during the last three (3) years of the "Initial Term", then Landlord shall have the right to terminate this Lease effective as of the date of such casualty by giving to the Tenant, within sixty (60) days after the happening of such casualty, written notice of such termination. If such notice be given, this Lease shall terminate and Landlord shall promptly repay to Tenant any rent theretofore paid in advance which was not earned as of the date of such casualty. Any time that Landlord repairs or restores the "Leased Premises" after damage or destruction, then Tenant shall promptly repair or replace its stock in trade, fixtures, furnishings, furniture, carpeting, wall covering, floor covering, drapes, equipment and personal property and the "Leased Premises to the same condition as they were immediately prior to the casualty, and if Tenant has closed its business Tenant shall promptly reopen for business upon the completion or upon the substantial completion of such repairs.

Notwithstanding anything to the contrary set forth herein, in the event all or any portion of the "Leased Premises" shall be damaged or destroyed by fire or other cause (notwithstanding that the "Leased Premises" may be unaffected thereby), to the extent the cost of restoration thereof would exceed fifty percent (50%) of the amount it would have cost to replace the "Leased Premises" in its entirety at the time such damage or destruction occurred, then Landlord may terminate this Lease by giving Tenant thirty (30) days prior notice of Landlord's election to do so, which notice shall be given, if at all, within ninety (90) days following the date of such occurrence. In the event of the termination of this Lease as aforesaid, this Lease shall cease thirty (30) days after such notice is given, and the rent and other charges hereunder shall be adjusted as of that date.

In the event the "Leased Premises" be destroyed or damaged in whole or in part, at no fault of Landlord, at any time hereafter by any uninsured casualty, Tenant shall, at Tenant's expense, promptly make the necessary repairs.

Tenant shall be fully responsible and liable to the Landlord for any and all damage or destruction of the "Leased Premises" and/or the "Leased Premises", caused directly or indirectly, in whole or in part, by the negligence of Tenant, its agents, employees,

representatives, invitees and/or licensees, and Tenant hereby agrees to at all times hereafter, fully indemnify, defend, and hold Landlord harmless from any and all damages, losses, and costs (including reasonable attorneys fees, CPA fees and expert fees) suffered by Landlord as a result of any such negligence of the Tenant, its agents, employees, representatives, invitees and/or licensees, which indemnity shall be fully applicable regardless of any negligence or alleged negligence of the Landlord or its agents, employees, representatives, invitees, and/or licensees.

(d) **Tenant's Liability Insurance**. During the "Initial Term" of this Lease and the "First Renewal Term" and "Second Renewal Term", Tenant shall, at Tenant's sole expense, secure and maintain comprehensive general liability insurance including contractual liability against claims for injury, wrongful death, or property damage occurring upon, in, or about the "Leased Premises", with companies and in a form acceptable to Landlord, with minimum limits of ONE Million Dollars ($1,000,000.00) per occurrence and Two Million Dollars ($2,000,000.00) aggregate, and property damage insurance with minimum limits of no less than Two Hundred Fifty Thousand Dollars ($250,000.00) per occurrence. The policy or policies of insurance shall name Landlord as an additional insured. Such insurance, by its terms or endorsement, shall waive any right of subrogation of the insurer against Landlord, its agents and employees, from any loss or damage resulting from claims for injury, wrongful death or property damage occurring upon, in or about the "Leased Premises".

* Tenant must also maintain general liability cannabis insurance naming Landlord and PMI of New Mexico as additional insured.

(e) **Insurance Certificates**. Promptly after the commencement of the "Initial Term" and any "Renewal Term" of this Lease, Tenant shall deliver to Landlord certificates of its insurers evidencing all the insurance required to be maintained by Tenant herein, and, within thirty (30) days prior to the expiration of any such insurance, other certificates evidencing the renewal of such insurance, together with receipts showing payment of the premiums therefore. Each such certificate shall contain a clause requiring thirty (30) days notice to Landlord before any such policy can be canceled or non-renewed.

If Tenant at any time fails or refuses to maintain such insurance, Landlord may in its sole discretion cancel this Lease or may, but shall not be obligated to, obtain such insurance and Tenant shall pay Landlord on demand, as additional rent, the premiums therefor, together with interest thereon from the date of payment thereof at the rate of eighteen percent (18%) per annum.

8. **UTILITIES/JANITORIAL SERVICES:** (a) Tenant shall pay or cause to be paid when due all charges for utilities, including but not limited to gas, electricity, water, telephone, sewage and all other utilities used in or upon the entire "Leased Premises" during any term of this Lease. Tenant shall provide at its own cost all janitorial services with respect to the "Leased Premises". Tenant's obligation to pay for utilities and janitorial services shall be considered "Additional Rent".

(b) Landlord shall not be liable for any interruption or failure whatsoever in utility services.

9. **USE AND CARE OF PREMISES:** (a) **Permitted Use:** Tenant may use the premises to operate and conduct the sale of cannabis. No growing of cannabis will be permitted on the property.

Any other use of the "Leased Premises" shall only be permitted with the prior written consent of the Landlord. Tenant shall not use the "Leased Premises" in any unlawful manner and shall in all respects comply with all local, state and federal laws relative to Tenant's use and occupancy of the "Leased Premises". Tenant's acceptance of occupancy from Landlord shall constitute acknowledge by Tenant that Tenant has inspected the "Leased Premises" and that same are suitable for Tenant's intended use thereof as stated in this Section. Tenant recognizes and agrees that Landlord is making no warranties, expressed or implied, as to the suitability of the "Leased Premises" for any particular use.

(b) **Use and Care:** The "Leased Premises" shall not be used or permitted to be used in whole or in part for any purpose or use in violation of the laws, ordinances, regulations or rules of any public authority or of Landlord at any time applicable thereto.

(c) **Hazards:** Tenant shall not, without Landlord's prior written consent, place anything within the "Leased Premises" for any purpose whatsoever which increases the premium cost or invalidates any insurance policy carried on the "Leased Premises" or the "Leased Premises". All property kept, store or maintained within the premises by Tenant shall be at Tenant's sole risk.

(d) **Environmental Issues:** Tenant, at Tenant's expense, shall comply with all laws, rules, orders, ordinances, directions, regulations and requirements of federal, state, county and municipal authorities pertaining to Tenant's use of the "Leased Premises" and with any recorded covenants, conditions and restrictions, regardless of when they become effective, including, without limitation, all applicable federal, state and local laws, regulations or ordinances pertaining to air and water quality, Hazardous Materials (as hereinafter defined), waste disposal, air emissions and other environmental, zoning and land use matters, and with any directive or order of any public officer or officers, pursuant to law, which shall impose any duty upon Landlord or Tenant with

respect to the use or occupation of the "Leased Premises". Tenant shall not cause or permit any Hazardous Material to be brought upon, kept or used in or about the "Leased Premises" by Tenant, its agents, employees, contractors or invitees without the prior written consent of Landlord.

(e) **Hazardous Material:** As used herein, the term "Hazardous Material" means any pollutant, toxic substance, hazardous waste, hazardous material, hazardous substance, or oil as defined in or pursuant to the Resource Conservation and Recovery Act, as amended, the Comprehensive Environmental Response, Compensation, and Liability Act, as amended, the Federal Clean Water Act, as amended, the Safe Drinking Water Act, as amended, the Federal Water Pollution Control Act, as amended, the New Mexico Ground Water Protection Act, as amended, the New Mexico Environmental Improvement Act, as amended, the New Mexico Hazardous Chemicals Information Act, as amended, or any other federal, state or local environmental law, regulation, ordinance, rule, or bylaw, whether existing as of the date hereof, previously enforced or subsequently enacted.

(f) **Permits:** Tenant shall procure, at its sole expense, any permits and licenses required for the transaction of business in the "Leased Premises".

10. MAINTENANCE AND REPAIR OF PREMISES: (a) Commencing on the date of Tenant's occupancy of the "Leased Premises", Tenant shall have the sole and exclusive responsibility, at Tenant's expense, to maintain, repair and operate the "Leased Premises". Tenant shall at all times during the term of the Lease keep the interior and exterior of the "Leased Premises", including glass, doors, overhead doors, lighting, windows, window glass, plate glass, plumbing, including underground or otherwise concealed plumbing and interior plumbing, electrical and appliances, painting, equipment and fixtures, in good order, condition and repair, in a clean, sanitary and safe condition and in accordance with all applicable laws, ordinances, rules and regulations of any governmental authority having jurisdiction thereof. Tenant waives all rights to make any repairs at the expense of Landlord and Tenant agrees to return the same to Landlord at any termination hereof in as good condition and state of repair as the same are in as of the commencement of the term hereof, except for loss or damage occasioned by reasonable wear and tear. Tenant shall not cause any trash to accumulate on the "Leased Premises". Tenant shall keep the sidewalks in front of the "Leased Premises" free from ice and snow, litter, debris, dirt and obstruction. **Tenant is also responsible for all items included under Common Area Maintenance Section 6.**

(b) Landlord shall, at its expense, maintain and repair structural elements of the Leased Premises". The term structural elements as used in this clause is limited to the foundation, bearing walls, roof system, floors (not including floor covering), and column supports. The term roof system includes, but is not limited to, the roof covering, flashing and insulation. The Landlord shall otherwise have no responsibility or liability for the maintenance or repair of the "Leased Premises" or any improvement thereon. Tenant must hire a licensed professional to maintain all heating and cooling units. Tenant, under no circumstance is authorized to perform work on any heating or cooling unit. Maintenance records must be kept by tenant.

(c) Landlord makes no representations regarding the condition of any improvements and/or personal property on the "Leased Premises" and hereby disclaims any warranties express or implied as to the condition of the "Leased Premises" and of all personal property on the "Leased Premises". Tenant is leasing the "Leased Premises" "AS IS", without reliance upon any representations of the Landlord and based solely upon Tenant's own judgment and inspection of the "Leased Premises".

(d) Tenant agrees that Landlord shall have no liability for (i) any damages or injury arising out of any condition or occurrence upon the "Leased Premises, or (ii) any damages or injury arising out of any condition or occurrence causing a need for maintenance or repairs within the "Leased Premises" or the "Leased Premises", unless such damages or injury arise out of a failure in the structural integrity of the "Leased Premises" which failure was not caused by any contribution or negligence by the Tenant, its employees, subtenants, agents, representatives, invitees and/or licensees.

10.1 **Repairs:** The term repairs shall include but not be limited to replacement and/or removal, when necessary, and all such repairs shall be at least equal in quality and kind to the original work.

10.2 **Landlord's Right to Repair:** If any repairs required to be made by Tenant hereunder are not made within ten (10) days after written notice delivered to Tenant by Landlord, Landlord, may, at its option, make such repairs without liability to Tenant for any loss or damage which may result to its business by reason of such repairs, and Tenant shall pay to Landlord immediately upon demand as Additional Rent hereunder the costs of such repairs plus interest on the cost of such repairs at the rate of eighteen percent (18%) per annum, and failure to do so shall constitute an event of default hereunder.

11. ALTERATIONS AND IMPROVEMENTS: (a) Tenant shall not make any alterations, additions, or

improvements to the "Leased Premises" without first obtaining Landlord's written approval of the proposed plans and specifications, and further provided that any alterations or improvements shall be done expeditiously and in a good and workmanlike manner and further provided that the alterations or improvements shall be made at Tenant's sole cost and expense. Without exception, all such alterations and improvements shall become the property of Landlord and remain on the "Leased Premises" at the expiration of or sooner termination of this Lease without Landlord being required to compensate Tenant for such alterations or improvements, subject to Tenant's right to use same during the term hereof.

(b) All fixtures and improvements of a detachable or temporary nature, including, but not limited to, lighting fixtures, placed upon the "Leased Premises" by Tenant, shall become the property of Landlord. Tenant shall not unreasonably interfere with Landlord's right of access to the "Leased Premises" for the purpose of preparing the same for new Tenants, sale or otherwise.

(c) All alterations, additions or improvements must be accomplished in compliance with all applicable laws, ordinances or regulations. All such alterations, additions or improvements shall become the property of Landlord upon the termination of this Lease. Tenant shall repair any damage occasioned by its use of same, normal wear and tear excepted.

(d) In the event that during the term hereof any alteration, addition or other change to the "Leased Premises", or any portion thereof, is required to be made by the enactment, amendment or repeal of any statute, ordinance, rule or regulation, or by the rendering of any judicial or administrative decision, then and in that event:

(i) if such alteration, addition or change is required solely by reason of the manner or mode or character of Tenant's use of the "Leased Premises", or any other reason not due to a structural defect, then said alteration, addition and change shall be promptly made and paid for solely by Tenant;

(ii) if said alteration, addition or change is required as the result of a structural defect in any building which is a part of the "Leased Premises", or other structural condition relating to the "Leased Premises", which was in existence as of the date hereof, then said alteration, addition and change shall be made and paid for solely by Landlord.

(e) Upon termination of this Lease, Tenant agrees to surrender such premises in the same condition as when received from Landlord, reasonable wear and tear alone expected. All broken glass from any cause shall be replaced by the Tenant. Upon termination of this Lease, Tenant will not damage or remove any portion of the "Leased Premises", any fixtures and/or any personal property in or upon the "Leased Premises" except as approved in writing by Landlord.

(f) Tenant shall permit no liens or encumbrances to be filed against, or to attach, to the "Leased Premises" in connection with work or materials furnished on behalf of Tenant. If any of such liens do attach, or in the event any affidavit of lien is filed in the official public records of the county in which the "Leased Premises" is located, with respect to all or any part of the "Leased Premises", then Landlord may, but shall have no obligation therefor, to pay or otherwise satisfy the same and add the cost plus interest thereon at the rate of eighteen percent (18%) per annum and Landlord's reasonable attorneys fees incurred to the next installment of rent, which such cost shall constitute additional rent hereunder. Tenant's failure to pay said costs (additional rent) with the next due rental installment shall constitute an event of default hereunder.

12. **INDEMNITY:** Tenant shall at all times hereafter indemnify, defend and hold Landlord and tis representatives or managers harmless from and against all liabilities, obligations, losses, costs, property damages, injury to or death of any person, penalties, claims, actions, suits, any and all costs, charges and expenses of any nature whatsoever, including but not limited to reasonable attorney's fees, which may be imposed upon or incurred by or asserted against Landlord arising from:

(i) the condition of the "Leased Premises" or any appurtenances thereof being allegedly improperly constructed, or being or becoming out of repair;

(ii) the use and occupancy and/or any other condition of the "Leased Premises" by or attributable to Tenant or Tenant's employees, agents, representatives, invitees, licensees, and guests, and/or any other third parties or persons;

(iii) any occurrence on or about the "Leased Premises";

(iv) any crime committed on or about the "Leased Premises";

(v) any claim or suit against the Landlord based upon issues relating to Tenant's business and/or use of the "Leased Premises";

(vi) any claim or suit against Landlord based upon alleged damages to any third party individuals and/or entities allegedly caused by Tenant herein; and

(vii) any contamination of the "Leased Premises" in violation of any local, state and/or federal laws.

This indemnity shall be fully applicable regardless of the negligence or the alleged negligence of Landlord. In the event that any action or proceeding shall be brought against Landlord by reason of any claim above referred to, Tenant, upon written notice from Landlord, shall at Tenant's sole cost and expense defend the same or at Landlord's sole discretion, pay any legal and other expenses incurred by Landlord in defending same. Landlord shall not be liable for any damage to or theft of any personal property, goods, commodities, or materials in or about the "Leased Premises", whether such personal property, goods, commodities, or materials are those of Tenant or of others.

13. WAIVER: LANDLORD, ITS AGENTS, REPRESENTATIVES AND EMPLOYEES, SHALL NOT BE LIABLE FOR, AND TENANT WAIVES ALL CLAIMS FOR DAMAGE (EXCEPT CLAIMS CAUSED BY OR RESULTING FROM THE NEGLIGENCE OR WILLFUL MISCONDUCT OF LANDLORD, ITS AGENTS, REPRESENTATIVES OR EMPLOYEES), INCLUDING, WITHOUT LIMITATION, CONSEQUENTIAL DAMAGES, TO PERSON, PROPERTY OR OTHERWISE, SUSTAINED BY TENANT OR ANY PERSON CLAIMING THROUGH TENANT RESULTING FROM ANY ACCIDENT OR OCCURRENCE IN OR UPON ANY PART OF THE PREMISES, INCLUDING, WITHOUT LIMITATION, CLAIMS FOR DAMAGES RESULTING FROM: (A) ANY EQUIPMENT OR APPURTENANCES BECOMING OUT OF REPAIR; (B) INJURY DONE OR CAUSED BY WIND, WATER, OR OTHER NATURAL ELEMENETS; (C) ANY DEFECT IN OR FAILURE OF PLUMBING, HEATING, OR AIR-CONDITIONING EQUIPMENT, ELECTRICAL WIRING OR INSTALLATION THEREOF, GAS, WATER, AND STEAM PIPES, STAIRS, PORCHES, RAILINGS OR WALKS; (D) BROKEN GLASS; (E) THE BACKING UP OF ANY SEWER PIPE OR DOWNSPOUT; (F) THE BURSTING, LEAKING OR RUNNING OF ANY TANK, TUB, WAHSSTAND, WATER, SNOW OR ICE UPON THE PREMISES; (G) THE FALLING OF ANY FIXTURE, PLASTER OR STUCCO; (H) DAMAGE TO OR LOSS BY THEFT OR OTHERWISE OF PROPERTY OF TENANT OR OTHERS; (I) ACTS OR OMISSIONS OF OTHER PERSONS IN THE PREMISES, OCCUPANTS OF NEARBY PROPERTIES, OR ANY OTHER PERSONS; AND (J) ANY ACT OR OMISSION OF OWNERS OF ADJACENT OR CONTIGUOUS PROPERTY. ALL PROPERTY OF TENANT KEPT IN THE PREMISES SHALL BE SO KEPT AT TENANT'S RISK ONLY AND TENANT SHALL INDEMNIFY, DEFEND AND SAVE, LANDLORD HARMLESS FROM CLAIMS ARISING OUT OF DAMAGE TO THE SAME, INCLUDING SUBROGATION CLAIMS BY TENANT'S INSURANCE CARRIER.

14. LIENS: (a) Tenant covenants and agrees to promptly pay when due all claims for work and materials furnished to the "Leased Premises" in connection with any improvements thereto, and shall not permit or suffer any liens, or encumbrances to attach to the "Leased Premises", and shall indemnify, defend and hold harmless, Landlord against loss therefrom, including but not limited to Landlord's reasonable attorneys fees and all sums necessary in Landlord's sole discretion to protect the "Leased Premises" from any such claims, regardless of the negligence or alleged negligence of the Landlord.

(b) If the "Leased Premises" or Tenant's leasehold interest therein shall at any time during the term of the Lease become subject to any mechanic's, laborer's or materialmen's lien based upon the furnishing of material or labor to Tenant on the "Leased Premises", Tenant shall immediately notify Landlord of such liens and proceedings thereon and shall cause such liens, at Tenant's sole expense, to be discharged within thirty (30) days after notice to Tenant thereof. Tenant shall, in all circumstances, provide Landlord with a performance bond or other satisfactory security to indemnify, defend and hold harmless Landlord from and against any such liens, damages, and/or expenses and attorney's fees.

15. DEFAULT AND REMEDIES: (a) All the provisions of this Lease are conditions precedent to be faithfully and fully performed and observed by Tenant to entitle Tenant to continue its possession of the "Leased Premises".

(b) Tenant does hereby grant to Landlord a contractual lien on all fixtures, chattels and all other property of Tenant now or hereafter placed in or upon the "Leased Premises", which lien shall secure this Lease and any and all obligations of Tenant hereunder. Such property is hereby subjected to a lien in favor of Landlord and shall be and remain, subject to such lien for payment of all rents and other sums agreed to be paid by Tenant hereunder including Landlord's attorney's fees, said lien to be in

addition to and cumulative of the Landlord's lien, statutory, constitutional or otherwise, in accordance with New Mexico law.

Tenant hereby grants to Landlord a security interest in and to all of Tenant's machinery, equipment, furniture, fixtures, inventory and all other personal property of any kind whatsoever, now or hereafter placed in or upon the "Leased Premises", as collateral for all obligations of Tenant to Landlord pursuant to the terms of this Lease and/or as allowed by applicable law, including but not limited to all rent and other charges due hereunder, taxes, insurance, utilities, all Common Area Maintenance Charges, interest on all sums due hereunder, holdover rent, Landlord's reasonable attorney's fees incurred in the enforcement of this Lease and any and all costs and expenses incurred by Landlord of any nature whatsoever if incurred as a result of a default by Tenant in any term or condition of this Lease. It is further understood and agreed that this security interest shall secure, in addition to the terms of this Lease, any and all other debts and obligations owed by Tenant to Landlord created or incurred by whatever means, including contractual, tortious and/or operation of law. Tenant agrees, simultaneously with the execution of this Lease, to execute a UCC-1 Financing Statement to be filed in the county where the "Leased Premises" is situated and with the New Mexico Secretary of State, to perfect Landlord's security interest as described above.

Landlord shall have all of the rights provided to a secured party in the Uniform (New Mexico) Commercial Code, 55-2 and 55-2A NMSA 1978 (1991 Repl.), with respect to the above security interest, including but not limited to the right to self-help repossession and the foreclosure and sale of the personal property collateral which is the subject of the above security interest, without the necessity of a judicial foreclosure. At Landlord's sole option, it may give appropriate written notice to Tenant that the above personal property collateral which is the subject of this security interest may be sold at a public sale or at a private sale to the highest bidder for cash following ten (10) days notice to Tenant, or upon notice as may otherwise be required by the Uniform (New Mexico) Commercial Code.

Without waiving or modifying the foregoing, in the event of breach of this Lease by Tenant, Landlord shall have the right to remove and store any and all of the personal property in or about the "Leased Premises" which is subject to the Landlord's lien and the above security interest. Tenant shall be liable for all storage fees assessed or incurred by Landlord. Landlord may dispose of this property once it has been stored, if Tenant does not claim the property within sixty (60) days after the date the property is stored, or within such other time as may be appropriate pursuant to New Mexico statutes. In all events, Tenant must pay to Landlord all sums due hereunder in order to receive return of said property.

Landlord shall have all other rights and remedies as allowed by the Uniform (New Mexico) Commercial Code and/or other applicable New Mexico statutory and/or common law in the event of default by Tenant.

(c) If Tenant shall fail to pay any installment of rent or other sum when it becomes due and payable as provided herein, or shall fail in the performance of any of the covenants, agreements, terms or conditions of this Lease, or if Tenant shall desert, abandon or vacate the "Leased Premises", or if by reason of Tenant's occupancy of the "Leased Premises", Landlord shall be unable to procure or keep insurance on the "Leased Premises" or the improvements thereon, as provided herein, then in any such event, without a grace period or notice to Tenant to make good such default or condition, Tenant shall be deemed to be in default; and, without further notice of any kind, Landlord may at its option:

(1) Reenter and take possession of the "Leased Premises" by legal eviction proceedings or otherwise without terminating this Lease, by force if necessary, and relet the "Leased Premises" in whole or in part for the account of Landlord at such rental and upon such covenants and conditions to such tenant or tenants as Landlord may deem proper and for a longer or shorter period than the balance of the term of this Lease. Landlord shall receive all proceeds and rents accruing from such reletting and shall apply such proceeds first to the payment of all reasonable costs and expenses incurred by Landlord in obtaining possession of and in reletting the "Leased Premises", including without limitation reasonable attorneys fees and collection fees, then to the reasonable cost of alterations, repairs or remodeling necessary in Landlord's opinion to enable Landlord to relet the "Leased Premises", and then to the payment of all such amounts as may be due or may become due under the provisions of this Lease and finally to any other amounts due to Landlord by Tenant. If the proceeds or rentals so received by Landlord under the provisions of this paragraph are insufficient to pay all such expenses and all amounts due and become due hereunder and as described above, Tenant shall pay to Landlord upon demand by Landlord, such deficiency, and Landlord need not wait until the termination of this Lease to recover such deficiency by legal or other action.

(2) Terminate this Lease at once, including any interest of Tenant hereunder, and immediately reenter and take possession of the "Leased Premises" by legal proceedings or otherwise and by force if necessary.

(3) In the event of any reentry, Landlord may remove all persons from the "Leased Premises, and Landlord may remove all property located in or about the "Leased Premises". At Landlord's option, it may either place such property in a public or private warehouse at the cost and risk of Tenant and/or sell such property in whole or in part in accordance with the applicable terms of the Uniform (New Mexico) Commercial Code, or by the filing of an appropriate foreclosure lawsuit and in the manner and after giving the notices, if any, required by the laws of the State of New Mexico, to the highest bidder for cash, with or without such property being present at the sale. The proceeds shall be applied first to the payment of all reasonable costs and expenses incurred by Landlord in taking and removing such property, including without limitation reasonable attorney's fees, then to the payment of any rent and/or other amounts owing to Landlord, and finally the balance remaining, if any, shall be paid to Tenant.

(4) No reentry or reletting of the "Leased Premises" shall be construed as an election by Landlord to terminate this Lease unless a written notice of such intention is given by Landlord to Tenant; and notwithstanding any such reletting without terminating this Lease, Landlord may at any time thereafter elect to terminate this Lease in the event that Tenant remains in default hereunder.

(5) Tenant waives all claims or demands for damages that may be caused by Landlord in reentering and taking possession of the "Leased Premises" as hereinabove provided and all claims or demands for damages resulting from the destruction, interruption or injury to the Tenant's business and/or the "Leased Premises" and all claims or demands for damages or loss of property belonging to Tenant or any other person that may be in or about the "Leased Premises" at the time of such reentry.

(6) In addition to all rights of Landlord specified herein, Landlord shall be entitled to all other rights provided in law or equity. The various rights, options and remedies of Landlord contained in this Lease shall be cumulative, and no one of them shall be construed as exclusive of any of the others.

(7) Neither the acceptance of rental hereunder nor lapse of time nor any other act or omission on the part of Landlord, its agents or employees, shall constitute a waiver of any breach by Tenant of the covenants or conditions of this Lease; so long as any such breach continues, Landlord shall have the right to declare the Tenant to be in default and to enforce the remedies provided herein. The waiver by Landlord, its agents or employees, of any breach in the performance by Tenant of any covenant contained herein shall not be construed to be a waiver of any preceding or subsequent breach of any covenant contained herein. The subsequent acceptance of rent or other sums hereunder by Landlord shall not be deemed a waiver of any preceding breach other than the failure of Tenant to pay the particular rental or other sum so accepted, regardless of Landlord's knowledge of such preceding default at the time of acceptance of such rent or other sums.

(8) If Landlord retains an attorney to enforce any of its rights hereunder, or becomes involved in any suit connected with this Lease or the "Leased Premises", Tenant shall pay Landlord's reasonable court costs and reasonable attorney's fees.

16. **DEFAULT BY LANDLORD:** Landlord shall in no event be charged with default in any of its obligations hereunder unless and until Landlord shall have failed to perform such obligations within thirty (30) days (or such additional time as is reasonably required to correct any such default) after written notice to Landlord by Tenant, specifically describing such failure. Al obligations of Landlord hereunder shall be construed as covenants, not conditions; and, except as may be otherwise expressly provided in this Lease, Tennant may not terminate this Lease for breach of Landlord's obligations hereunder. All obligations of Landlord under this Lease will be deemed binding upon Landlord only during the period of its ownership of the "Leased Premises" and not thereafter. The term "Landlord" in this Lease shall mean only the owner, for the time being of the "Leased Premises", and in the event of the transfer by such owner of its interest in the "Leased Premises", such owner shall thereupon be released and discharged from all obligations of landlord thereafter accruing, but such obligations shall be binding during the Lease Term upon each new owner for the duration of such owner's ownership. Any liability of Landlord under this Lease shall be limited solely to its interest in the "Leased Premises", and in no event shall ay personal liability be asserted against Landlord in connection with this Lease nor shall any recourse be had to any other property of assets of Landlord.

17. **ACCORD AND SATISFACTION:** No payment by Tenant or receipt by Landlord of a lesser amount than the rent herein stipulated shall be deemed to be other than on account of the earliest rent then due, nor shall any endorsement or

statement on any check or any letter accompanying any check or payment as rent be deemed an accord and satisfaction, and Landlord may accept such check or payment without prejudice to Landlord's right to recover the balance of such rent or pursue any other remedy provided for herein or under any applicable law.

18. **TENANT'S INSOLVENCY OR BANKRUPTCY:** (a) It is agreed by Tenant that upon the filing of any petition by or against Tenant under any chapter of the federal or state bankruptcy laws, or upon the adjudication of Tenant as a bankrupt or insolvent, or upon the appointment of a receiver or trustee to take possession of all or substantially all of the assets of Tenant, or upon the making of a general assignment by Tenant for the benefit of creditors, or upon the taking of any other action by Tenant under any state or federal insolvency or bankruptcy act or other similar law, and upon the continuance of any of the foregoing events for ten (10) days, Landlord may, at its election, declare this Lease in default immediately without notice to Tenant; and, in such an event, Landlord may exercise all rights and remedies herein provided to it upon default and/or as provided by applicable contract or law without necessity of notice to Tenant.

(b) Neither this Lease, nor any interest herein, nor any estate created hereby, shall pass by operation of law under any state or federal insolvency or bankruptcy act or similar law to any trustee, receiver, assignee for the benefit of creditors, or any other person whatsoever without the prior written consent of Landlord. Any purported or attempted transfer in violation of the provisions of this paragraph shall constitute a default under this Lease, and Landlord, at its option by written notice to Tenant or appropriate party, may exercise all rights and remedies herein provided for upon such a default, including the termination of this Lease without the necessity of notice.

19. **LANDLORD MAY PAY TENANT'S OBLIGATIONS:** In the event that Tenant does not pay before delinquency any rental payments, insurance, assessments, or other charges to be paid hereunder by Tenant, Landlord shall have the right, but not the obligation, without notice to Tenant, to make such payment and to charge Tenant therefor, together with interest thereon from the date of such payment to the date of repayment by Tenant to Landlord at the rate of eighteen percent (18%) per annum.

20. **SIGNAGE:** Tenant will not place or cause to be placed or maintained on any exterior door, wall or window of the "Leased Premises" any advertising matter or other thing of any kind and will not place or maintain any decoration, lettering or advertising matter on the glass of any window or opening, without Landlord's prior written approval. In the event such approval shall not be given, any such sign may be removed by Landlord or Landlord's representative without notice and without the same constituting a breach of this Lease or entitling Tenant to claim damages on account thereof. No symbol, design, name, mark or insignia adopted by the Landlord shall be used without the prior written consent of Landlord. Any illuminated signs located in the interior of the "Leased Premises" shall be in good taste so as not to detract from the general appearance of the "Leased Premises". Tenant further agrees to maintain any such sign, awning, canopy, decoration, lettering, advertising matter or other thing as may be approved in good condition and repair at all times.

In the event Landlord maintains a freestanding sign location, at Landlord's option and sole discretion, Tenant shall be entitled to place Tenant's sign at that location, provided Tenant's sign is consistent with the decor and size requirements of the location and provided that Landlord reviews the proposed sign and consents in writing. Any sign to be placed by Tenant at any location, whether with or without Landlord's consent, shall comply with all state, local, and federal laws, rules, and regulations. No signs will be painted directly on the interior or exterior walls of the "Leased Premises".

21. **RULES AND REGULATIONS:** Tenant agrees that in managing the "Leased Premises" the Landlord shall have the right from time to time to declare or publish separate rules and regulations applicable to the "Leased Premises". Landlord agrees that in carrying out its rules and regulations applicable to the "Leased Premises" that Tenant shall not be discriminated against. Tenant covenants and agrees that it will comply with all reasonable rules and regulations proclaimed or published by the Landlord from time to time, including but not limited to restrictions on signs, parking, garbage, radio and television aerials, special sales, pest control, etc.

Landlord shall, for the enforcement of all rules, regulations, covenants, conditions and agreements now or hereafter made a part of this Article, to be referred to as "Rules and Regulations", have all remedies in this Lease provided for breach of the provisions hereof.

22. **RELATIONSHIP OF THE PARTIES:** Nothing herein contained shall be deemed or construed by the parties hereto, nor by any third party, as creating the relationship of principal and agent or of partnership or a joint venture between the

parties hereto, it being understood and agreed that neither the method of computation of rent or any other provision contained herein, or any acts of the parties hereto, shall be deemed to create any relationship between the parties hereto other than the relationship between Landlord and Tenant.

23. **HOLDING OVER:** If Tenant holds over or occupies the "Leased Premises" beyond the "Initial Term" without exercising the "First Renewal Option", or beyond the "First Renewal Option" period without exercising the "Second Renewal Option", or the "Second Renewal Option" (it being agreed that there shall be no such holding over or occupancy without the Landlord's prior written consent), Tenant shall pay to Landlord for each day of such holding over a sum equal to one hundred fifty percent (150%) of the "Base Rent" and "Additional Rent" prorated for the number of days of such holding over. If Tenant holds over with or without Landlord's prior written consent, Tenant shall, at Landlord's option, occupy the "Leased Premises" on a tenancy for month to month and all other terms and provisions of this Lease shall be applicable to such hold over period. If Tenant holds over without Landlord's prior written consent, such shall constitute a default under the terms of this Lease and Landlord shall have all rights and remedies as provided in this Lease.

24. **ENTRY RESERVED BY LANDLORD:** Landlord may, during the term of this Lease, at reasonable times, and with prior notice, enter upon the "Leased Premises" for the purpose of inspecting same or to do anything required or permitted by this Lease, or for such other purposes as Landlord may deem appropriate in its sole discretion.

25. **SURRENDER:** Upon the expiration of the term of this Lease, or upon an earlier termination of this Lease, Lessee shall surrender up peaceable possession of the "Leased Premises" in the same condition as the "Leased Premises" are in at the commencement of this Lease, reasonable wear and tear alone excepted.

26. **SUCCESSORS AND ASSIGNS:** All rights and liabilities herein given or imposed upon the respective parties hereto shall bind and inure to the several respective heirs, successors, administrators, executors and assigns of the parties and if Tenant is more than one person, they shall be bound jointly and severally by this Lease. No rights, however, shall inure to the benefit of any assignee of Tenant unless the assignment is approved by Landlord as required herein.

27. **NOTICES:** Any notice or other communication required or permitted to be given or served by either party to this Lease shall be in writing and shall be deemed to have been given or served when deposited in the United States mail, postage prepaid, addressed to Tenant at the address of the "Leased Premises" and Landlord or Landlord' representative at Property Management & Investments of New Mexico, LLC, 205 W. Boutz Road Bldg. 6 Ste. B, Las Cruces, NM 88005.

28. **BROKER'S COMMISSION:** Landlord and Tenant represent to the other that there are no broker's commissions in connection with this Lease, except as may be the responsibility of Landlord. In this regard, Landlord hereby discloses to Tenant that Landlord may pay a brokerage commission to Property Management & Investments of New Mexico, LLC.

Tenant and the Guarantors of this Lease hereinafter named, shall at all times hereafter, indemnify, defend and hold Landlord and it's Members, Managers, officer, employees, agents, representatives and attorneys harmless from any broker's commission which may be alleged as due and owing as a result of the conduct of Tenant or Tenant's agents and representatives. Likewise, Landlord shall, at all times hereafter indemnify, defend and hold Tenant harmless from any broker's commission due or to be paid to Property Management & Investments of New Mexico, LLC or any other broker alleging the right to a commission by virtue of the conduct of the Landlord.

29. **COMPLIANCE WITH LAWS:** Tenant agrees, at its sole cost and expense, to comply with all the regulations and requirements of all municipal, county, state and federal authorities now in force or which may hereafter be in force pertaining to the "Leased Premises" and shall faithfully observe in the use of the "Leased Premises" all municipal ordinances and county, state and federal statutes now in force or which may hereafter be in force. Tenant further agrees that it will pay for any alterations or changes in the "Leased Premises" which may be required during the term of this Lease to comply with any regulations and requirements of municipal, county, state or federal authorities. Tenant shall indemnify and hold harmless the Landlord from any penalties, damages or charges imposed or incurred for any violation of such regulations, requirements, ordinances or laws, whether or not occasioned by the negligence of the Tenant or any agent, tenant or contractor then upon or using the "Leased Premises", and regardless of the negligence or alleged negligence of the Landlord.

30. **PARTIAL INVALIDITY:** If any term, covenant, condition or provision of this Lease is held by a court of competent jurisdiction to be invalid, void or unenforceable, the remainder of the provisions hereof shall remain in full force and

effect and shall in no way be affected, impaired or invalidated thereby.

31. **EFFECT OF WAIVER:** Any waiver by Landlord or Tenant of any breach of this Lease, or of any right of either party, shall not constitute a waiver of any other breach or of any other right.

32. **ENTIRE AGREEMENT:** This Lease contains the entire agreement between the parties hereto, supersedes and prior or contemporaneous alleged agreements, verbal and written, and no term or provision hereof may be changed, waived, discharged or terminated unless the same be in writing executed by Landlord and Tenant.

33. **LAW:** The laws of the State of New Mexico shall govern the construction, performance and enforcement of this Lease.

34. **TIME:** Time shall be of the essence in the performance of every term, covenant and condition of this Lease.

35. **INSPECTION AND CONDITION OF PREMISES:** Tenant acknowledges that it has inspected the entire premises including improvements, personal property, equipment, and all locks and latches of each and every door of the "Leased Premises", and all windows and exterior openings. Tenant accepts said premises including all locks and latches in their present condition and in all respects "AS IS". It is agreed that Landlord has the right, but not the obligation to furnish alarms of any kind, security guards, or additional locks or latches for the "Leased Premises". Tenant, by its entry into the "Leased Premises", expressly acknowledges the fact and represents that it shall have duly examined or caused to be examined the "Leased Premises" prior to the entry thereof, knows or will know the condition thereof, and agrees that no representation or warranty as to the condition or repair of said premises has been made by Landlord or its agents.

36. **GENDER AND INTERPRETATION OF TERMS AND PROVISIONS:** As used in this Lease and whenever required by the context thereof, each number, both singular or plural, shall include all numbers, and each gender shall include all genders. Landlord and Tenant as used in this Lease or in any other instrument referred to in, or made a part of this Lease shall likewise include both the singular, and the plural, a corporation, co-partnership, individual or person acting in any fiduciary capacity as executor, administrator, trustee, or in any other representative capacity. All covenants herein contained on the part of Tenant shall be joint and several.

37. **GOVERNMENTAL REGULATIONS:** Tenant shall, at its expense, comply with all applicable state, federal and/or local laws, ordinances and regulations in its use of the "Leased Premises".

38. **AMENDMENT:** No amendment, modification or alteration of the terms hereof shall be binding unless the same be made in writing, dated subsequent to the date hereof and duly executed by the parties hereto.

39. **SUBORDINATION AND ATTORNMENT:** (a) This Lease shall be inferior at all times to the lien of any first mortgage or mortgages which now or hereafter are a lien upon any part of the "Leased Premises". Upon Landlord's request, Tenant will subordinate its rights hereunder to the liens of any mortgages or any lien resulting from any method of financing (hereinafter collectively referred to as "mortgage") now or hereafter existing against all or a part of the "Leased Premises", and to all renewals, modifications, replacements, consolidations and extensions thereof, and Tenant shall execute and deliver all documents requested by a mortgagee or security holder to effect such subordination, provided the mortgagee or security holder agrees in writing that if Landlord defaults under the mortgage, said mortgagee or security holder shall not disturb Tenant's possession while Tenant is not in default hereunder. If Tenant fails to execute and deliver any such document requested by a mortgagee or security holder to effect such subordination, Landlord is hereby authorized to execute such documents and take such other steps as are necessary to effect such subordination on behalf of Tenant as Tenant's duly authorized irrevocable agent and attorney-in-fact.

(b) Tenant's failure to execute instruments or certificates provided for in this Lease within fifteen (15) days after the mailing by Landlord of a written request shall be a default under this Lease.

40. **ASSIGNMENT, SUBLETTING AND OWNERSHIP:** (a) Tenant shall not transfer, assign, sublet, enter into license or concession agreements, change ownership or hypothecate this Lease or Tenant's interest in and to the "Leased Premises" without first procuring the written consent of Landlord, which Landlord may grant or refuse to grant at its sole discretion. Any attempt at transfer, assignment, subletting, license or concession agreement, change or ownership or hypothecation without Landlord's written consent shall be void and confer no rights upon any third person. The prohibitions of this Article shall be

construed to refer to any acts or events which occur by operation of law, legal process, receivership, bankruptcy or otherwise.

(b) Each transfer, assignment, subletting, license or concession agreement and hypothecation to which there has been consent shall be by instrument in writing, in form satisfactory to Landlord, and shall be executed by the transferor, assignor, sublessor, licensor, concessionaire, hypothecator or mortgagor and the transferee, assignee, sublessor, licensor, concessionaire, hypothecator or mortgagor and the transferee, assignee, sublessee, licensee, concessionaire or mortgagee shall agree in writing for the benefit of Landlord to assume, to be bound by, and to perform the terms, covenants and conditions of the Lease to be done, kept and performed by Tenant. One executed copy of such written instrument shall be delivered to Landlord. Failure to first obtain in writing Landlord's consent or failure to comply with the provisions of this Article shall operate to prevent any such transfer, assignment, subletting, license, concession agreement or hypothecation from becoming effective.

41. EMINENT DOMAIN: (a) In the event the entire "Leased Premises" shall be appropriated or taken under the power of eminent domain by any public or quasi-public authority, this Lease shall terminate and expire as of the date of such taking, and both Landlord and Tenant shall thereupon be released from any liability thereafter accruing hereunder. In the event more than twenty-five percent (25%) of the square footage of floor area of the "Leased Premises" is taken under the power of eminent domain by any public or quasi-public authority, or if by reason of any appropriation or taking, regardless of the amount so taken, the remainder of the "Leased Premises" is not usable for the purposes for which the "Leased Premises" were leased, then either Landlord or Tenant shall have the right to terminate this Lease as of the date Tenant is required to vacate a portion of the "Leased Premises" so taken, upon giving notice to the other in writing of such election within sixty (60) days after the date of such taking. In the event of such termination, both Landlord and Tenant shall thereupon be released from any liability thereafter accruing hereunder. In the event a portion of the "Leased Premises" shall be taken, condemned or transferred as aforesaid and as a result thereof, Landlord, in its sole discretion, elects to discontinue the operation of Landlord's parcel, Landlord may cancel this Lease by giving Tenant notice of its election and this Lease shall terminate and become null and void ninety (90) days after said notice, and the provisions with respect to the awards shall be as set forth in Paragraph (b) of this Article.

(b) Whether or not this Lease is terminated, Landlord shall be entitled to the entire award or compensation in such proceedings, but nothing herein shall be deemed to affect Tenant's right to receive compensation or damages for its fixtures and personal property. If this Lease is terminated as hereinabove provided, all items of rent, additional rent and other charges for the last month of Tenant's occupancy shall be pro-rated and Landlord agrees to refund to Tenant any rent, additional rent or other charges paid in advance.

(c) Except as otherwise provided in the final sentence in Paragraph (a) of this Article, if both Landlord and Tenant elect not to so terminate this Lease, Tenant shall remain in that portion of the "Leased Premises" which shall not have been appropriated or taken as herein provided, and Landlord agrees, at Landlord's cost and expense, to, as soon as reasonably possible, restore the remaining portion of the "Leased Premises" to a complete unit of like quality and character as existed prior to such appropriation or taking; and thereafter, the Minimum Annual Rental provided for herein shall be adjusted on an equitable basis, taking into account the relative value of the portion taken as compared to the portion remaining. For the purpose of this paragraph, a voluntary sale or conveyance in lieu of condemnation, but under threat of condemnation, shall be deemed an appropriation or taking under the power of eminent domain.

42. ATTORNEY'S FEES AND WAIVER OF A JURY TRIAL: In the event that at any time during the term of this Lease, the Landlord shall institute any demand, claim, action or proceeding against the Tenant and/or "Guarantors" relating to the provisions of this Lease, or any default hereunder, then, and in that event, the Landlord shall be entitled to collect from the Tenant all of Landlord's reasonable attorney's fees and other disbursements incurred therein. **Landlord and tenant acknowledge the delay, expense and uncertainty associated with a jury trial involving a complex commercial lease of this nature, and in recognition of these inherent problems hereby waive their rights to a jury trial and agree that any litigation regarding this Lease, including, without limitation, a cause of action for eviction of Tenant, will be tried without a jury. In the event of a bankruptcy action filed by or against Tenant, Tenant will be responsible for and will pay any and all attorneys fees and court costs and expenses incurred by Landlord in relation to the bankruptcy, as additional rent.**

43. CONFIDENTIALITY: Tenant acknowledges that the terms and conditions of this Lease are to remain confidential for the Landlord's benefit, and may not be disclosed by Tenant to anyone, by any manner or means, directly or indirectly, without Landlord's prior written consent. The consent by the Landlord to any disclosures shall not be deemed to be a waiver on the part of the Landlord of any prohibition against any future disclosure.

44. SALE OF THE "LEASED PREMISES" BY LANDLORD: In the event that any sale of the "Leased Premises" or any portion thereof by the Landlord and a resulting assignment by the Landlord of this Lease, it is expressly understood and agreed that the Landlord shall be, and is hereby entirely freed and relieved of all liability under any and all of its covenants and obligations contained in or derived from this Lease arising out of any act, occurrence or omission relating to the "Leased Premises" or this Lease occurring after the consummation of such sale, exchange and assignment.

45. FINANCIAL STATEMENTS: Tenant shall, within ten (10) days of request of Landlord, Landlord's representative, or Landlord's lender, furnish Tenant's financial statements in reasonable detail and certified as complete and correct by an authorized officer or a principal Tenant.

46. OTHER PROVISIONS:

1. Tenant is responsible for gas and electric services. For El Paso Electric purposes meter #105379149. Water, wastewater and trash are included.
2. Signage must be incompliance with the Town of Mesilla regulationsand submitted for approval.
3. Tenant will comply with all applicable state, federal and/or local laws, ordinances and regulations regarding the sale of cannabis.
4. No smoking of any substances is permitted inside the lease premisecr in the rear common area.
5. Rear entrance is to only be used as a pass through. No loitering is permitted in the area.

47. EXHIBITS ATTACHED: The following Exhibits are attached to this Lease and are incorporated herein by reference.

TENANT(S)

Bader Jouda

Tenant Name

Bader Jouda (Jul 1, 2022 11:52 MDT)

Tenant Signature

Jul 1, 2022

Date

Tenant Signature

Date

12356 desert palms ave | El paso | 07/01/2022 | 79938

Tenant Address | City | State | Zip Code

9158005842 | 9158005842 | Bader.jouda724@gmail.com

Tenant Phone | Cell Phone | Email

OWNER/LANDLORD

Property Management & Investments of New Mexico, LLC (PMI of New Mexico)

Owner/Landlord Name

Nicole Gutierrez

By (Print)

Nicole Gutierrez

Owner/Landlord Signature

6/30/2022

Date

205 W. Boutz Road Bldg. 6 Ste. B | Las Cruces | NM | 88005

Owner/Landlord Address | City | State | Zip Code

(575) 652-4043 | amanda@pmiofnewmexico.com or marvid@pmiofnewmexico.com

Owner/Landlord Phone | Email

TENANT'S BROKER

Property Management & Investments of New Mexico, LLC (PMI of New Mexico)

Owner/Landlord Name

Amanda Ortega-Charlson or Marvid Charlson or Nicole Gutierrez

By (Print)

Nicole Gutierrez

Owner/Landlord Signature

6/30/2022

Date

205 W. Boutz Road Bldg. 6 Ste. B | Las Cruces | NM | 88005

Owner/Landlord Address | City | State | Zip Code

(575) 652-4043 | amanda@pmiofnewmexico.com or marvid@pmiofnewmexico.com

Owner/Landlord Phone | Email

2060 Calle De Parian - Lease Agreement

Final Audit Report 2022-07-01

Created:	2022-06-30
By:	Nicole Gutierrez (nicole@pmiofnewmexico.com)
Status:	Signed
Transaction ID:	CBJCHBCAABAA_TtD3p5tnPpODOHWxOXefWq_q7mBZwny

"2060 Calle De Parian - Lease Agreement" History

Document created by Nicole Gutierrez (nicole@pmiofnewmexico.com)
2022-06-30 - 10:50:28 PM GMT- IP address: 76.113.54.228

Document emailed to bader.jouda724@gmail.com for signature
2022-06-30 - 10:51:05 PM GMT

Email viewed by bader.jouda724@gmail.com
2022-06-30 - 11:28:42 PM GMT- IP address: 66.249.80.17

Document e-signed by Bader Jouda (bader.jouda724@gmail.com)
Signature Date: 2022-07-01 - 5:52:10 PM GMT - Time Source: server- IP address: 208.184.162.172

Agreement completed.
2022-07-01 - 5:52:10 PM GMT

TOWN OF MESILLA
575-524-3262

REC#: 00183193 7/26/2022 9:33 AM
OPER: UTCLK TERM: 001
REF#: BRC

TRAN: 112.0000 BUSINESS LICENSE
1005-06/30/23 THE CANNABIS TROPICAL L
CANNABIS LICENSE 250.00CR

TRAN: 112.0000 BUSINESS LICENSE
1006-03/15/23 THE CANNABIS TROPICAL L
BUS LIC 35.00CR

TRAN: 112.0000 BUSINESS LICENSE
1008-03/15/23 THE TROPICAL SMOKE SHOP
BUS LIC 35.00CR

TENDERED: 320.00 CASH
APPLIED: 320.00-

CHANGE: 0.00

Pay Online: www.mesillanm.gov

BOARD ACTION FORM

AGENDA DATE
PZHAC: September 6, 2022 **BOT:** September 26, 2022

ITEM: PZHAC **BL #1006** –2060 Calle de Parian submitted by Bader Juda of Cannabis Tropic LLC for a Cannabis license, **Zoned: Historical Commercial (HC)**

BACKGROUND AND ANALYSIS: The applicant proposes to open a business for retail of legal cannabis at the following location. This application and all supporting documents were reviewed and approved by Architectural Styles Committee and PZHAC. It is determined that the proposed business registration application is acceptable and meets all applicable Town codes, the application should continue based on finding stated below.

MUNICIPAL TOWN CODE:
This application falls under the ordinance MTC Chapter 05.05.030 and 18.100.040

SUPPORTING INFORMATION:

- Application
- New Mexico Business Tax Identification Number

PZHAC ACTION:
Applicant has met all request asked by the PZHAC to move this application forward. The vote of the PZHAC was 3-2.

BOT OPTIONS:
The Board of Trustees may:

1. Recommend approval of this case with findings stated above.
2. Recommend approval of this case with findings stated above and conditions.
3. Deny the application.

2231 Avenida de Mesilla
P.O. Box 10
Mesilla, NM 88046
Phone: (575) 524-3262 Fax: (575) 541-6327

No.: 1006

Business Registration Application

Please fill out all the information on this form by typing or using blue or black ink. Return update form to the Community Development's Office in person, by email, fax or mail. Please contact us at (575) 524-3262 with any questions. **Note**: A separate business registration application form should be completed for each business location.

Please check one: Business Registration Application Is: New _____ Renewal _____

Name of Business: The cannabis Tropical LLC.

Name of Applicant: Bader & Jouda

Business Location: 2060 Calle de parian Mesilla NM 88046

Mailing Address (Street # or P.O. Box): _____

E-Mail Adress: Bader.Jouda724@gmail.com

City: 12356 Desert palmsave State: TX Zip Code: 79938

Phone # of Business: (915)800-5842

Location of Business: Street 2060 Calle de parian

City: Mesilla State: NM Zip Code: 88046

PROPERTY INFORMATION

Is property: owned _____ leased ✓

Property Owner: Property Management and Investments of New Mexico

Property Owner Address: 205 W Boutz Rd Bldg ste B
Las Cruces NM 88005
F=(575) 652-4766

Property Owner Phone #: (575) 652-4043

Additional Information

Square Footage of Business: 2000 sf
Number of Employees: 4-8
Number of Parking Spaces: Street Parking
Zoning Code: HC

Continue to next page>>>>

State or Federal Licensing Information:
If your business requires one of the following Licenses/Permits, you **MUST** submit a copy with your application.

- ☐ NM Environment Department Food Permit
- ☐ Federal Environmental Protection Agency Permit(s)
- ☐ NM Contractor's License
- ☐ NM Medical/Pharmaceutical License(s)
- ☐ NM Cosmetology/ Barbers License
- ☐ NM Real Estate/Broker License
- ☐ Well Drillers
- ☐ NM Veterinary Medicine
- ☐ Federal Firearms License
- ☐ Any other License(s)

License # _____ Expiration Date _____

Type of business (Please describe product(s) and/or service(s) IF they have changed):

Products for health (cannabis)

Business Owner Is: Sole Proprietorship ✓ Partnership ____ Corporation ____ Other ____

You **MUST** submit a copy of your New Mexico BTIN with your application.
Current New Mexico BTIN #: 6867782
(The location code for reporting earnings received in the Town of Mesilla is **07-303.**)

EMERGENCY CONTACT INFORMATION
Responsible party to be called in case of emergency. Enter name in order of contact (please print):

24 HOUR EMERGENCY PHONE #: 915 800 5842

Name	Telephone #
1. Bader F. Jouda	
2. Edgar Bautista	915 803 4744
3.	

Do you have an alarm system? Yes____ No ✓
What Type? _____
Which Company, if any, Responds to Alarms? _____

By signing this form, I attest that the information I have provided herein is true and accurate to the best of my knowledge. I certify that I am authorized to sign the same as an agent on behalf of the above stated business. I agree to pay all associated fees including: the annual business registration fee and other permit fees as required by the Town of Mesilla. I understand that I must file any changes to my business status, operations, and/or contact information with the Community Development office in a timely manner.

Bader Jouda
Printed Name:

7-25-22
Date:

Signature:

Owner
Title:

Fire Department Inspection Verification

Schedule fire and building inspections AFTER Town staff provides approved application back to you in the following order: 1) Mesilla Fire Marshall's Office (FMO) 575-523-1311. Please retain the Yellow Fire Inspection Report issued by FMO.

A legible copy of the YELLOW Fire Inspection Report issued by FMO, must be returned by the applicant to the Community Development office.

Fire Department Representative Verification: _____

Fire Inspection Date: _____

Approved: Yes _____ **No** _____

This digital copy of your license is to be used for limited purposes only and does not replace the official license issued and mailed by the New Mexico Regulation and Licensing Department. This digital copy may be used for

This digital copy of your license is to be used for limited purposes only and does not replace the official license issued and mailed by the New Mexico Regulation and Licensing Department. This digital copy may be used for insurance credentialing or for other limited purposes when an official license is not available. This digital copy should not be used for public display, except for temporary purposes, if the license is required to be displayed at the licensee's primary place of business. Additional copies or replacements of an official license may be ordered for a fee online through the licensing portal.

NMRLD

State of New Mexico

Regulation & Licensing Department
Cannabis Control Division

HEREBY CERTIFIES THAT

The Cannabis Tropical, LLC

HAVING GIVEN SATISFACTORY EVIDENCE OF THE LICENSING REQUIREMENTS PRESCRIBED BY LAW IS GRANTED A LICENSE TO OPERATE IN THE STATE OF NEW MEXICO AS A

Cannabis Retailer

License No. CCD-2022-0681-001 Issued 08/01/2022 Expires 08/01/2023

THIS LICENSE SHOULD BE CONSPICUOUSLY POSTED IN PLACE OF BUSINESS OR AS REQUIRED BY LAW

NM CERTIFICATE SERVICE
223 N GUADALUPE STREET #259
SANTA FE, NM 87501

2022 CERTIFICATE OF STATUS REQUEST FORM

FOR QUESTIONS CALL:
1 (855) 245-5115

MON-FRI 9am - 5pm EST

86**********SNGLP 335***1-1
THE CANNABIS TROPICAL, LLC
12356 Desert Palms Ave
El Paso, TX 79938-2293

IMPORTANT! FOLLOW INSTRUCTIONS EXACTLY WHEN COMPLETING THIS FORM. PLEASE PRINT CLEARLY.

Document Number:	Notice Date:	Please Respond By:
6867782	**6/21/2022**	**7/1/2022**

Business Address:

THE CANNABIS TROPICAL, LLC
12356 Desert Palms Ave
El Paso, TX 79938-2293

Congratulations on registering your business with the State of New Mexico. Your Articles have been filed with the secretary of state and are complete. You have one step left in order to attain your elective New Mexico Certificate of Status. Below is a form for your registered business. Please confirm the accuracy of the information below for your New Mexico Certificate of Status request.

A New Mexico Certificate of Status is issued by the Secretary of State and may be required for loans, to renew business licenses, or for tax or other business purposes. A certificate of Status certifies that your New Mexico business is in existence, is authorized to transact business in the state and complies with all state requirements. The Certificate of Status shows the official evidence of an entity's existence and provides a statement of an entity's status, current legal name and date of formation. The Certificate of Status bears the official seal of the New Mexico Secretary of State.

Business Information

Business Name:	THE CANNABIS TROPICAL, LLC
Document Number:	6867782
Certificate of Status Fee:	$87.25

This is not a government agency

Step 1 BUSINESS INFORMATION Confirm Business Name & Document Number are Correct Above

☐ **Check or Money Order Enclosed**

Email Address: _____

Make check or money order payable to:
NM CERTIFICATE SERVICE

Phone Number: _____

Notice Send Date: 6/21/2022

Document #: 6867782

THE CANNABIS TROPICAL, LLC

Amount enclosed: $87.25

Step 2. Please print and sign your name for authorization.

Print Name	Signature

Step 3. Return this completed form with payment in return envelope provided.

FORM NM23 1019 1/19©

For office use only:

TOWN OF MESILLA
575-524-3262

REC#: 00183193 7/26/2022 9:33 AM
OPER: UTCLK TERM: 001
REF#: BRC

TRAN: 112.0000 BUSINESS LICENSE
1005-06/30/23 THE CANNABIS TROPICAL L
CANNABIS LICENSE 250.00CR

TRAN: 112.0000 BUSINESS LICENSE
1006-03/15/23 THE CANNABIS TROPICAL L
BUS LIC 35.00CR

TRAN: 112.0000 BUSINESS LICENSE
1008-03/15/23 THE TROPICAL SMOKE SHOP
BUS LIC 35.00CR

TENDERED: 320.00 CASH
APPLIED: 320.00-

CHANGE: 0.00

Pay Online: www.mesillanm.gov

BOARD ACTION FORM

AGENDA DATE
PZHAC: September 6, 2022 **BOT:** September 26, 2022

ITEM: **Sign Permit #061433** –2060 Calle de Parian submitted by Bader Juda of Cannabis Tropic LLC for a Cannabis license, **Zoned: Historical Commercial (HC)**

BACKGROUND AND ANALYSIS: The applicant proposes to put up temporary sign for retail of legal cannabis at the following location on window. This application and all supporting documents were reviewed and approved by Architectural Styles Committee and PZHAC.
It is determined that the proposed sign application is acceptable and meets all applicable Town codes, the application should continue based on finding stated below.

MUNICIPAL TOWN CODE:
This application falls under the ordinance MTC Chapter 18.65 Signs

SUPPORTING INFORMATION:
- Application
- Temporary sign design and color

PZHAC ACTION:
Applicant has met all request asked by the PZHAC to move this application forward. The vote of the PZHAC was 3-2.

BOT OPTIONS:
The Board of Trustees may:
1. Recommend approval of this case with findings stated above.
2. Recommend approval of this case with findings stated above and conditions.
3. Deny the application.

Town of Mesilla
P.O. BOX 10
MESILLA, NM 88046
PHONE: (575) 524-3262 FAX (575) 541-6327

SIGN PERMIT

Application Date: 7/22/2022

Tropical Dispensary	Bader Jouda / Jerry Noe
Name of Business	**Name of Applicant**
2060 Calle de Parian	1905 West Picacho
Address of Business	**Address of Applicant**
Mesilla NM 88046	Las Cruces NM 88005
City State Zip	**City State Zip**
915-800-5842	575-527-0660 / 575-639-0334
Telephone Number	**Alternate Telephone Number**

Location and description of Sign:
(include dimensions, lettering, shape, material, texture, colors, and/or finish to be used. Attach a drawing of the location of the sign, including any other advertising structures on the building or lot.)

INSIDE WINDOW SIGNS
24" = WHITE CONTRAST
12" = GREEN TEXT

TROPICAL
DISPENSARY
COMING SOON

For Office Use Only

Administrative Approval: _____
PZHAC Approval: _____
BOT Approval: _____

Permit Fee: $4.00
Date of Payment: _____
CASE NUMBER: 061433

TROPICAL DISPENSARY COMING SOON

BOARD ACTION FORM

AGENDA DATE
PZHAC: September 6, 2022 **BOT:** September 26, 2022

ITEM: PZHAC Case #061442 –2755 Calle de San Albino submitted by ETMSS 2, LLC to replace chicken wire fence with wood dogeared picket fence on property. **Zoned: Historical Residential (HR).**

BACKGROUND AND ANALYSIS: Proposed work involves replacing and constructing wood fence. As per site plan in the packet. This application and all supporting documents were reviewed and approved by Architectural Styles Committee and PZHAC.
It is determined that the proposed application is acceptable and meets all applicable Town codes, the application should continue based on finding stated below.

MUNICIPAL TOWN CODE:
This application falls under the ordinance MTC Chapter(s) 18.33.100, 18.35.060, & 18.60.340

SUPPORTING INFORMATION:

- Application
- Site Plan & Design
- Right of Entry Agreements
- Materials to be used with price quote

PZHAC ACTION:
Applicant has met all request asked by the PZHAC to move this application forward. The vote of the PZHAC was 5-0

BOT OPTIONS:
The Board of Trustees may:

1. Recommend approval of this case with findings stated above.
2. Recommend approval of this case with findings stated above and conditions.
3. Deny the application.

TOWN OF MESILLA

APPLICATION FOR BUILDING PERMIT

Permit Fee $ 90.00
Review Fee $ 16.00
Total Fee $ 106.00

2231 Avenida de Mesilla, P.O. Box 10, Mesilla, NM 88046 (575) 524-3262 ext. 104

CASE NO. 061442 ZONE: HR CODE: AC APPLICATION DATE: _____

ETMSS 2, LLC — Name of Property Owner

915-313-1973 OR 575-649-6916 — Property Owner's Telephone Number

PO Box 358 — Property Owner's Mailing Address

Mesilla Park — City

NM — State

88047 — Zip Code

eandtmanagementllc@gmail.com — Property Owner's E-mail Address

Sierra Landscape + Design — Contractor's Name & Address (If none, Indicate Self)

602-377-0136 — Contractor's Telephone Number

82-3352262 — Contractor's Tax ID Number

397805 — Contractor's License Number

Address of Proposed Work: 2755 Calle de San Albino

Description of Proposed Work: Replace chicken wire fence around back yard with 6' tall wood picket fence with posts secured in ground with concrete

THIS APPLICATION SHALL INCLUDE ALL OF THE FOLLOWING Plan sheets are to be no larger than 11 x 17 inches or shall be submitted electronically.

1. ✓ Plot plan with legal description to show existing structures, adjoining streets, driveway(s), improvements & setbacks. Verification shall show that the lot was **LEGALLY** subdivided through the Town of Mesilla or that the lot has been in existence prior to February 1972.
2. ✓ Site Plan with dimensions and details.
3. N/A Foundation plan with details.
4. N/A Floor plan showing rooms, their uses, and dimensions.
5. N/A Cross section of walls.
6. N/A Roof and floor framing plan.
7. ✓ Proof of legal access to the property.
8. N/A Drainage plan.
9. ✓ Details of architectural style and color scheme (checklist included for Historical zones) -- diagrams and elevations.
10. N/A Proof of sewer service or a copy of septic tank permit; proof of water service (well permit or statement from the Public Utility providing water services).
11. ✓ Proof of legal access to the property.
12. ✓ Other information as necessary or required by the Town Code or Community Development Department.

$4000.00 — Estimated Cost

Teresa D. Sandoz — Signature of Applicant

8-18-2022 — Date

Application Fee is due at time of submittal. Apart from administrative approvals, all permit requests must undergo a review process from staff, PZHAC and/or BOT before issuance of a building permit. All Building permits expire after one year from date issued.

FOR OFFICIAL USE ONLY

PZHAC ☐ Administrative Approval
☐ Approved Date: _____
☐ Disapproved Date: _____
☐ Approved with conditions

BOT ☐ Approved Date: _____
☐ Disapproved Date: _____
☐ Approved with Conditions

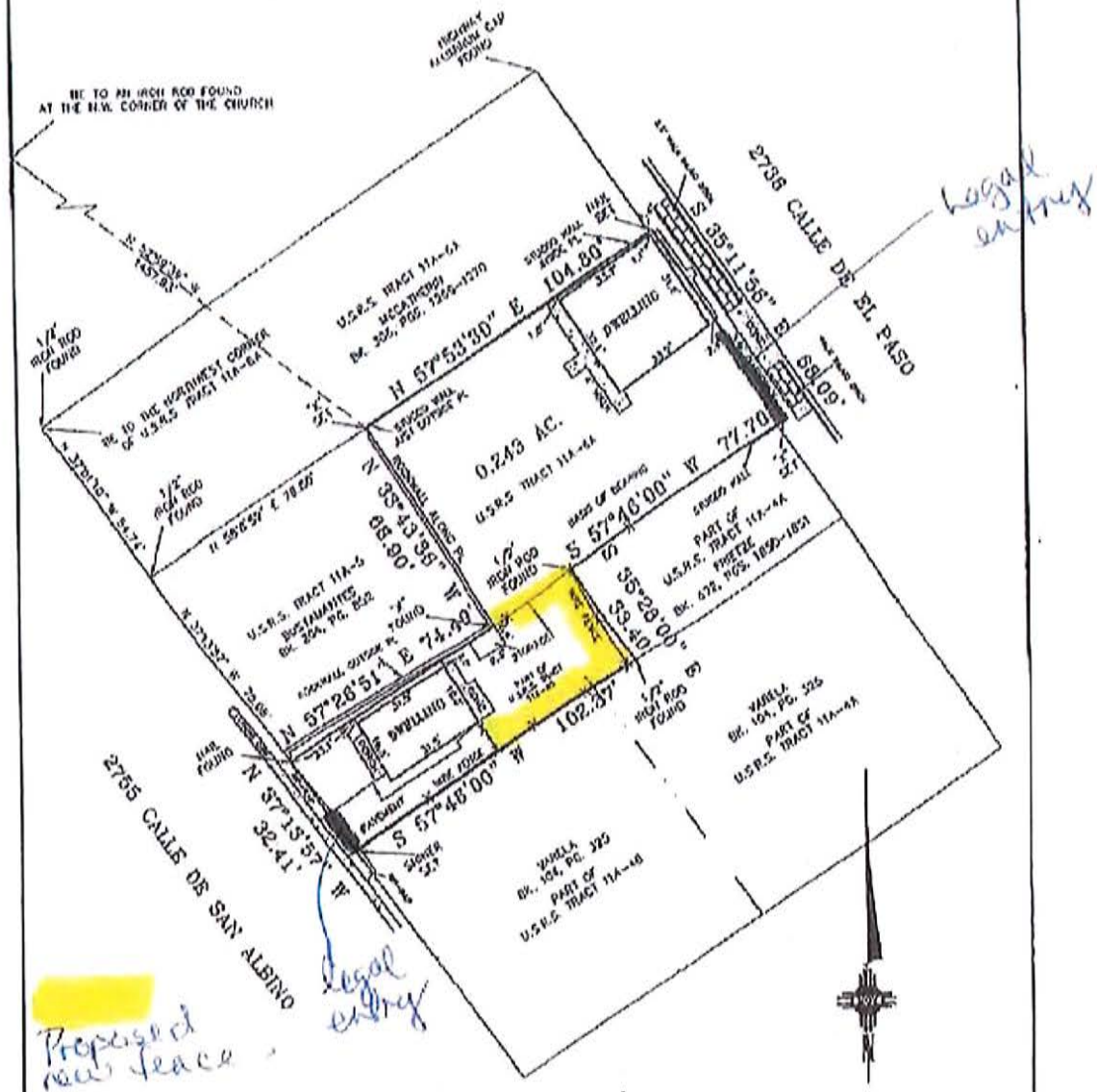
PZHAC APPROVAL REQUIRED: ___YES ___NO BOT APPROVAL REQUIRED: ___YES ___NO

BID PERMIT/INSPECTION REQUIRED: ___YES ___NO ___SEE CONDITIONS

CONDITIONS: _____

PERMISSION ISSUED / DENIED BY: _____ ISSUE DATE: _____

Rev 05.27.22



NOTES:

FLOOD ZONE "X"; AREAS DETERMINED TO BE OUTSIDE 500-YEAR FLOOD PLAIN, IN MAP NO 35013C0633 E, EFFECTIVE SEPTEMBER 27, 1991.
THIS SURVEY MAKES NO GUARANTEES AS TO THE ACCURACY OF THE ABOVE INFORMATION. THE LOCAL F.E.M.A. AGENT SHOULD BE CONTACTED FOR VERIFICATION.

INFORMATION IN THE PREPARATION OF THIS PLAT DERIVES FROM WARRANTY DEED FILED DECEMBER 11, 2000, IN BOOK 246, PAGES 346-353, DONA ANA COUNTY RECORDS.

SCALE: 1"=40'

0 10 20 40 80

"WORKING INFORMATION FOR COUNTY CLERK"
COUNTY PARCEL ID. #04-06392
PROPERTY OWNER: SANCHEZ
PROPERTY LOCATION: TOWN OF MESILLA

PLAT OF SURVEY
SHOWING THE LOCATION OF IMPROVEMENTS ON A 0.243 ACRE TRACT IN SECTION 26, T.23S., R.1E., N.M.P.M. OF THE U.S.R.S. TRACTS BEING PART OF U.S.R.S. TRACTS 11A-4B & 11A-4A TOWN OF MESILLA DONA ANA COUNTY, NEW MEXICO

I, HENRY MAGALLANEZ, A NEW MEXICO PROFESSIONAL SURVEYOR HEREBY CERTIFY THAT I CONDUCTED THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO.

HENRY MAGALLANEZ N.M.P.S. 18078

HENRY MAGALLANEZ NEW MEXICO 18078 PROFESSIONAL SURVEYOR

MOY SURVEYING INC.
414 N. DOWNTOWN MALL
LAS CRUCES, NEW MEXICO 88001
PHONE: (575) 526-9663
FAX: (575) 524-3238

JOB NO. 13-013BJ
DRAWN BY JUAN GARCIA
FIELD BY KENNY/PETE
DATE 4/1/13 SCALE: 1"=40'

Doña Ana County, NM Parcel Map

Map Legend

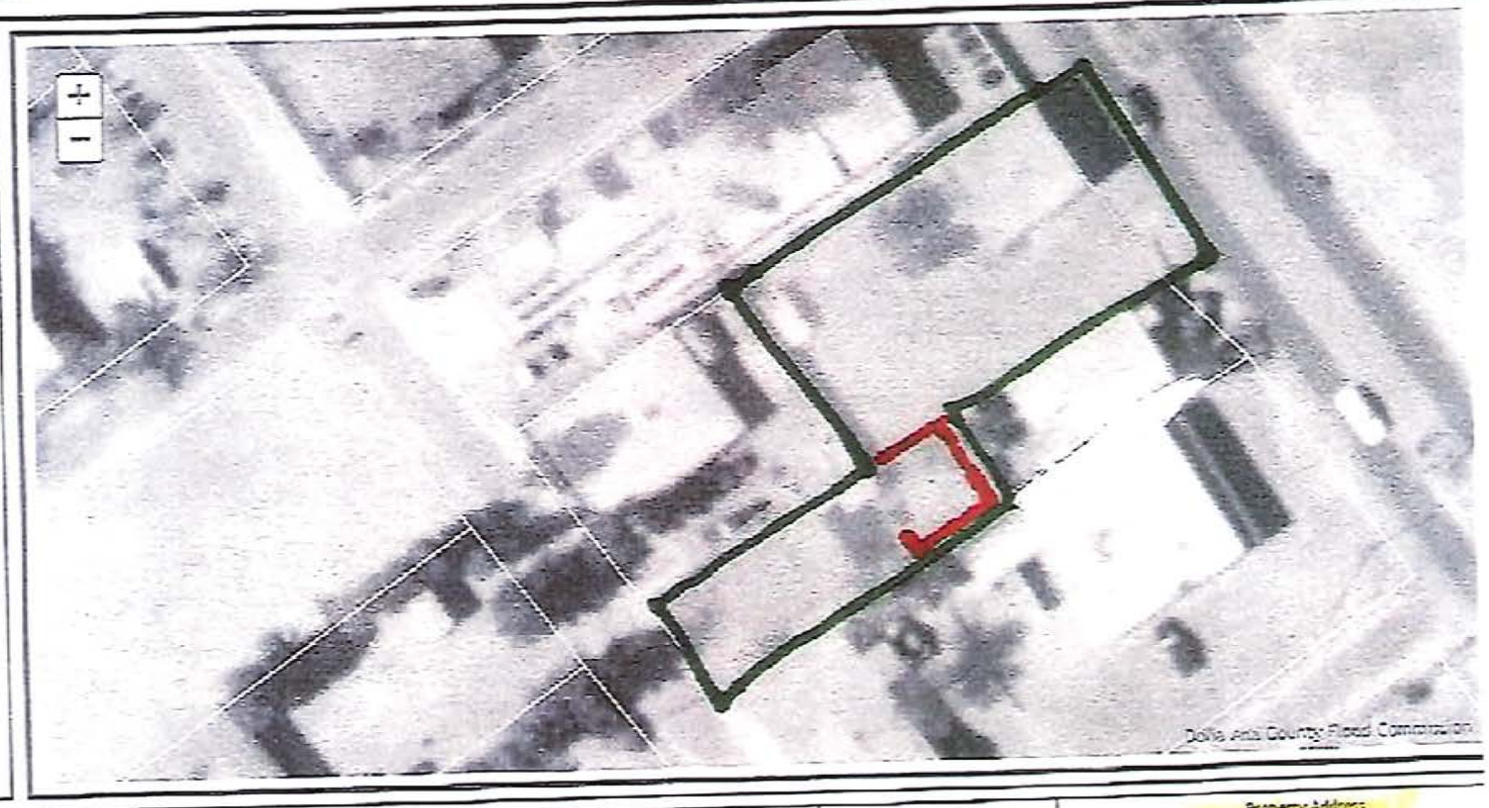
Map Layers

Layer Visibility:
- ☐ Roads
- ☑ Buildings
- ☐ City Limits
- ☐ MLS Zones
- ☐ Address Labels
- ☑ 2014 Aerial Photo
- ☑ Parcels

Select Search Type:
Account Numbe

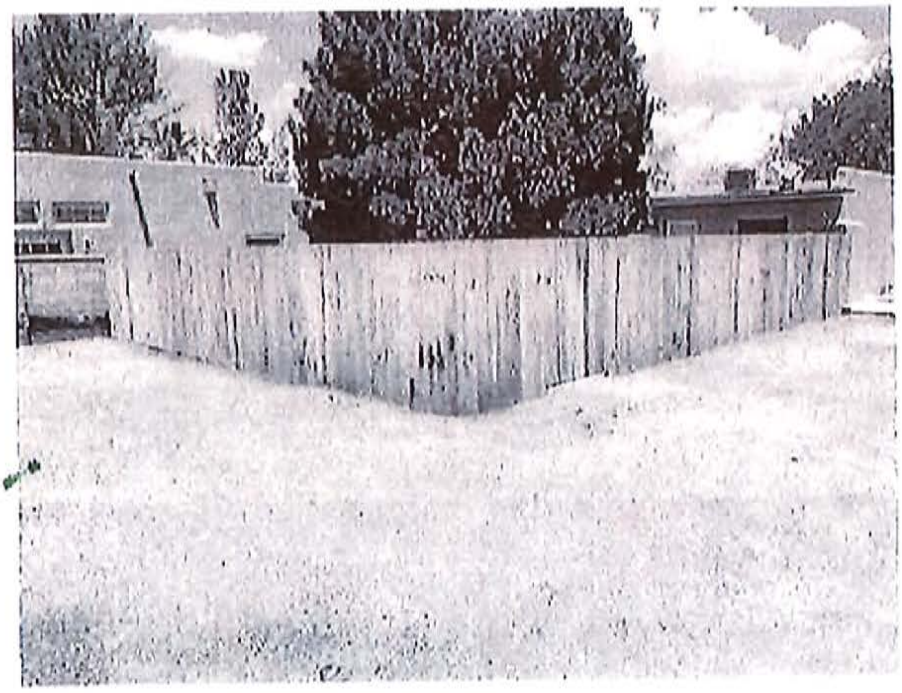
Enter Value:
R0400393

Search



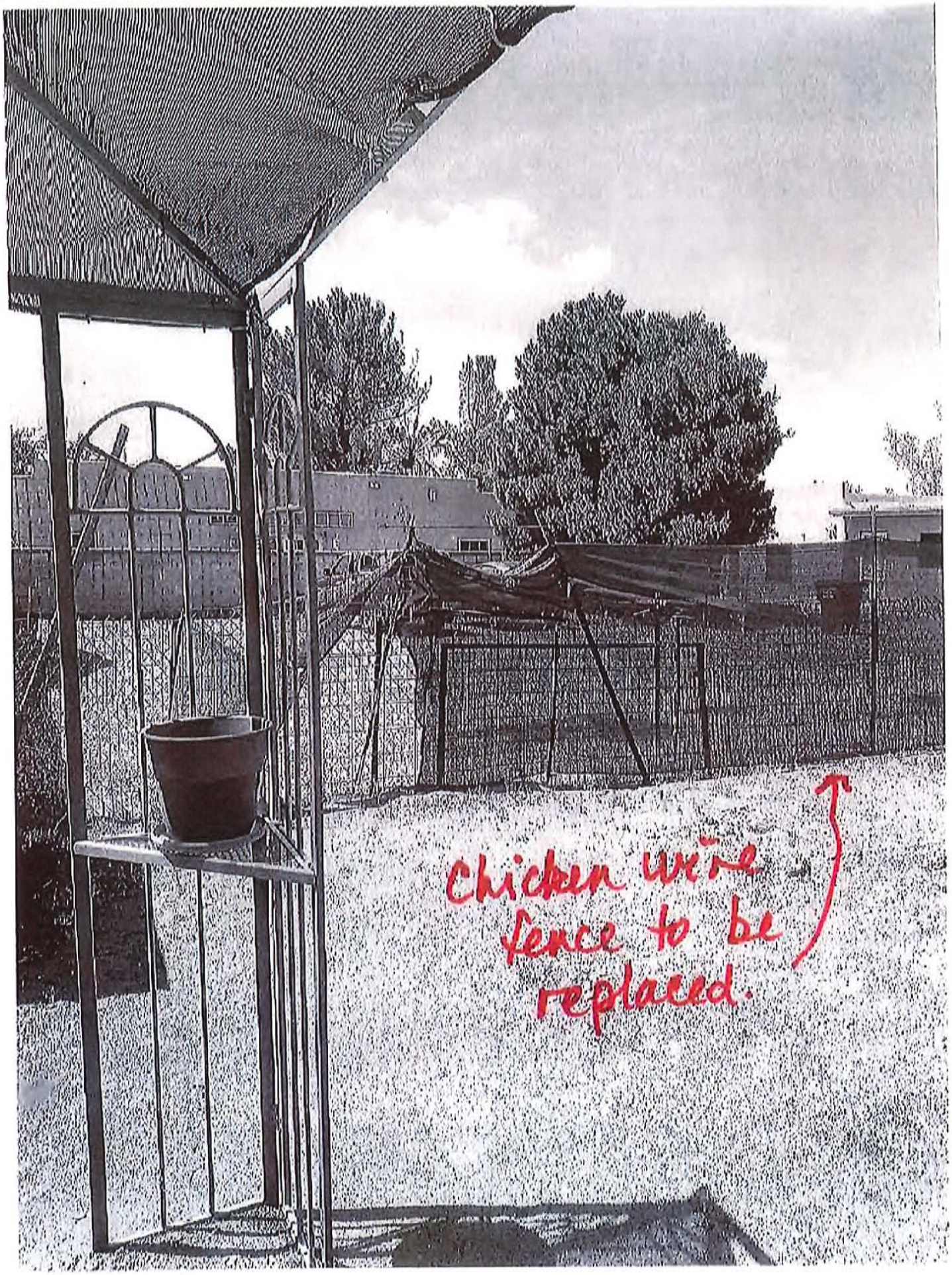
Account Number	Parcel Number	Owner	Mail Address	Subdivision	Property Address
R0400393	4006137329912	ETMSS 2 LLC	PO BOX 358		3794 CALLE DE SAN ALBINO

Proposed new 6' wood picket fence.



Fence will match fence recently approved & installed at 2738 Highway 28.

5" wide pickets -- posts in ground with concrete


Chicken wire
fence to be
replaced.

Town of Mesilla, New Mexico

Phone (575) 524-3262

P.O. Box 10

2231 Avenida de Mesilla, Mesilla, NM 88046

RIGHT OF ENTRY AGREEMENT

Applicant Name(s): ETMSS2, LLC
Property Adress: 2755 Calle de San Albino, Mesilla
Adjacent property address: 2770 Avenida de Mesilla, MESILLA
Adjacent property owner(s): Guadalupe Moreno

Right-of-Entry – Permission is hereby granted to the applicant, or its authorized agents, to enter upon the adjacent property for the sole purpose of construction and/or maintenance of the structure(s).

Applicant/Owner (original signature) — Date: 7/13/2022

Adjacent Owner (original signature) — Date: 7-6-22

Town of Mesilla, New Mexico

Phone (575) 524-3262

P.O. Box 10

2231 Avenida de Mesilla, Mesilla, NM 88046

RIGHT OF ENTRY AGREEMENT

Applicant Name(s): ETMSSZ, LLC
Property Adress: 2755 Calle de San Albino, Mesilla
Adjacent property address: 2790 Avenida de Mesilla + 1980 Calle de Santa Ana
Adjacent property owner(s): Henrietta Salazar

Right-of-Entry – Permission is hereby granted to the applicant, or its authorized agents, to enter upon the adjacent property for the sole purpose of construction and/or maintenance of the structure(s).

Jesse D. Sanchez 7/13/2022
Applicant/Owner (original signature) Date

Belinda V. Lara
H. Salazar
Marilu V. Gutierrez 8/9/2022
Adjacent Owner (original signature) Date

Stetina Landscape & Design LLC

Quote

Las Cruces, NM
tommystetina@yahoo.com
Phone: 602 377 0136

Date August 15, 2022
Quote # 142

Bill To:

E&T Management, LLC
PO Box 358
Mesilla Park, NM 88047

Prepared by: Thomas Stetina

License # 393805
Insured & Bonded

JOB ADDRESS: 2755 Calle de San Albino

Description	AMOUNT
Removal of chicken wire fence	$ 250.00
Install 80 linear foot picket fence and seal: Includes, delivery of panels; installing up to 11 4x4 posts with concrete and installing 10 pre fab panels and sealing both sides with 1 coat of Thompsons water seal and isntalling 1 gate made to match fence. *not including price of lumber (other material and labor included)	$ 2,250.00
10 prefab wood picket panels pressure treated cedar with 5 1/2" wide pickets. Panels to be 8 foot long and 6 foot high. 11 4x4 posts of pressure treated wood that will be 8 foot long. Adjust-a-Gate frame kit for wood picket panel gate. This price may increase if lumber costs go up before project begins.	$ 1,200.00
Tax 8.1875%	$ 302.93
TOTAL	$4,002.93

Comments or special instructions: Price may vary depending on unforseen obstacles or changing in material prices from quote date to job completion.

If you have any questions concerning this quote, please contact Thomas Stetina @ 602 377 0136

Tax is not included in quote but will be added to final bill.

THANK YOU FOR YOUR BUSINESS!

* Estimate is good for 2 weeks.

BOARD ACTION FORM

AGENDA DATE
PZHAC: September 6, 2022 **BOT:** September 26, 2022

ITEM: BL #1018 – submitted by Melissa Clark of Desert Sky Realty & Investments, LLC Located at 626 N Alameda Blvd for a business license. Zoned: **Historical Residential (HR)**

BACKGROUND AND ANALYSIS: The applicant proposes to do business in Mesilla as property manager on Short Term Rentals (STR). This application and all supporting documents were reviewed and approved by Architectural Styles Committee and PZHAC.
It is determined that the proposed business registration application is acceptable and meets all applicable Town codes, the application should continue based on finding stated below.

MUNICIPAL TOWN CODE:
This application falls under the ordinance MTC Chapter(s) 3.05 and 5.05

SUPPORTING INFORMATION:
- Application

PZHAC ACTION:
Applicant has met all request asked by the PZHAC to move this application forward. The vote of the PZHAC was 5-0

BOT OPTIONS:
The Board of Trustees may:
1. Recommend approval of this case with findings stated above.
2. Recommend approval of this case with findings stated above and conditions.
3. Deny the application.

RECEIVED 8-15-22

No.: 1018

2231 Avenida de Mesilla
P.O. Box 10
Mesilla, NM 88046
Phone: (575) 524-3262 Fax: (575) 541-6327

Business Registration Application

Please fill out all the information on this form by typing or using blue or black ink. Return update form to the Community Development's Office in person, by email, fax or mail. Please contact us at (575) 524-3262 with any questions. **Note**: A separate business registration application form should be completed for each business location.

Please check one: Business Registration Application Is: New X Renewal ____

Name of Business: Desert Sky Realty & Investments, LLC

Name of Applicant: Melissa Clark

Business Location: ~~1717 W. Boutz Rd Mesilla NM 88046~~ 1036 N. Alameda Blvd. Las Cruces NM 88005

Mailing Address (Street # or P.O. Box): PO Box 14114 Las Cruces NM 88013

E-Mail Adress: melissaclarknm@gmail.com

City: ____ State: ____ Zip Code: ____

Phone # of Business: 575-339-6060

Location of Business: Street 1717 W. Boutz Rd.

City: Mesilla State: NM Zip Code: 88046

PROPERTY INFORMATION

Is property: owned X leased ____

Property Owner: John Wright Revocable Trust

Property Owner Address: PO Box 5016
Mesilla NM 88046

Property Owner Phone #: 575-644-8202

Additional Information

Square Footage of Business: 3240 SF
Number of Employees: Ø
Number of Parking Spaces: 10
Zoning Code: GRD Residential Improvement

Continue to next page>>>>

State or Federal Licensing Information:
If your business requires one of the following Licenses/Permits, you **MUST** submit a copy with your application.

- ☐ NM Environment Department Food Permit
- ☐ Federal Environmental Protection Agency Permit(s)
- ☐ NM Contractor's License
- ☐ NM Medical/Pharmaceutical License(s)
- ☐ NM Cosmetology/ Barbers License
- ☒ NM Real Estate/Broker License
- ☐ Well Drillers
- ☐ NM Veterinary Medicine
- ☐ Federal Firearms License
- ☐ Any other License(s)

REC-2022-0975
License #

7/31/2023
Expiration Date

Type of business (Please describe product(s) and/or service(s) IF they have changed):
Short term Rental

Business Owner Is: Sole Proprietorship X Partnership ____ Corporation ____ Other ____

You **MUST** submit a copy of your New Mexico BTIN with your application.
Current New Mexico BTIN #: 03-580406-00-8
(The location code for reporting earnings received in the Town of Mesilla is 07-303.)

EMERGENCY CONTACT INFORMATION
Responsible party to be called in case of emergency. Enter name in order of contact (please print):

24 HOUR EMERGENCY PHONE #: 575-649-3907

Name	Telephone #
1. Melissa Clark	575-649-3907
2. "	575-339-6060
3. Angel Wilson	575-446-6923

Do you have an alarm system? Yes____ No X
What Type? ____
Which Company, if any, Responds to Alarms? ____

By signing this form, I attest that the information I have provided herein is true and accurate to the best of my knowledge. I certify that I am authorized to sign the same as an agent on behalf of the above stated business. I agree to pay all associated fees including: the annual business registration fee and other permit fees as required by the Town of Mesilla. I understand that I must file any changes to my business status, operations, and/or contact information with the Community Development office in a timely manner.

Melissa Clark
Printed Name:

8/15/22
Date:

Melissa Clark
Signature:

Property Manager/owner
Title:

Fire Department Inspection Verification

Schedule fire and building inspections AFTER Town staff provides approved application back to you in the following order: 1) Mesilla Fire Marshall's Office (FMO) 575-523-1311. Please retain the Yellow Fire Inspection Report issued by FMO.

A legible copy of the YELLOW Fire Inspection Report issued by FMO, must be returned by the applicant to the Community Development office.

Fire Department Representative Verification: _____
Fire Inspection Date: _____
Approved: Yes _____**No**_____

BOARD ACTION FORM

AGENDA DATE
PZHAC: September 6, 2022 **BOT:** September 26, 2022

ITEM: Short Term Rental #1019 – 1717 W Boutz Rd. #3 submitted by Melissa Clark of Desert Sky Realty & Investments, LLC for a Short Term Rental (STR) registration, Zoned: **Historical Residential (HR)**

BACKGROUND AND ANALYSIS: The applicant proposes a Short Term Rentals (STR) at above address. This application was reviewed and approved by Architectural Styles Committee and PZHAC.
It is determined that the proposed Short Term Rental registration application is acceptable and meets all applicable Town codes, the application should continue based on finding stated below.

MUNICIPAL TOWN CODE:
This application falls under the ordinance MTC Chapter(s) 3.05 and 3.20

SUPPORTING INFORMATION:
- Application
- Site Plan with parking

PZHAC ACTION:
Applicant has met all request asked by the PZHAC to move this application forward. The vote of the PZHAC was 5-0

BOT OPTIONS:
The Board of Trustees may:
1. Recommend approval of this case with findings stated above.
2. Recommend approval of this case with findings stated above and conditions.
3. Deny the application.

RECEIVED
Date: 8-15-22

2231 Avenida de Mesilla
P.O. Box 10
Mesilla, NM 88046
Phone: (575) 524-3262 Fax: (575) 541-6327

Reg. No.: 1019

SHORT TERM RENTAL (STR) REGISTRATION

Note: Any changes to property owner information; additions or alterations to rental units; changes in number or type of rental units; parking; or any other changes to information listed on this form will require a change to the information on file with the Town.

New X Renewal _____

PLEASE PRINT

RENTAL INFORMATION

Name of Rental: Los Arcos

Street Address of Unit: 1717 W. Boutz Rd. Mesilla NM 88046 #3

Zone: RDS DAC Parcel #: 04-_____ DAC Parcel #: 4-0016-137-342-407

Square Footage of Rental Unit: 570 No. of Bedrooms: 1 No. of Bathrooms: 1

Number of Off-street Parking Spaces: 7

Current New Mexico Revenue Division ID #: 03-580406-00-8
(The location code for reporting earnings received in the Town of Mesilla is 07-303.)

All Short-Term-Rentals in Mesilla are also subject to Mesilla Lodger's Tax payable monthly directly to the Town.

PROPERTY OWNER INFORMATION

Name of Owner/Applicant: John Wright Revocable Trust

Mailing Address: PO Box 5166

City: Mesilla State: NM Zip Code: 88046

E-Mail Address: john@illexisbrewing.com

Phone #1: 575-644-8502 Phone #2: _____

Emergency Phone #: 575-649-3907

Property Owner's Physical Address:

Street 2782 Calle de San Albino

City: Mesilla State: NM Zip Code: 88046

PROPERTY MANAGEMENT/AUTHORIZED RENTAL AGENT

Authorized Rental Agent: Desert Sky Realty & Investments/Melissa Clark

Contact/Phone #: 575-649-3907 E-mail: melissaclarkbnm@gmail.com

(Please complete other side.)

EMERGENCY CONTACT INFORMATION
Responsible party to be called in case of emergency. Enter name in order of contact (please print):

24 HOUR EMERGENCY PHONE #: 575-644-3907

Name	Address	Telephone #
1. Melissa Clark		575-644-3407
2. Sonia Wright		575-644-8202
3. Angel Wilson		575-496-6923

Do you have an alarm system? Yes____ No X

What Type? _____

Which Company, if any, Responds to Alarms? _____

Compliance with Fire Codes and Occupancy Requirements: All residential short-term rentals are subject to the applicable fire codes, and occupancy must be reviewed and approved for compliance with the Codes by the Town Fire Chief. An on-site inspection may be required.

APPLICANT HEREBY STATES UNDER OATH THAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE TRUE AND VALID.

Melissa Clark
Signature of Rental Owner

8/15/2022
Date

Melissa Clark
Name (Printed)

Office Use
FOR NEW OR MODIFIED RENTALS

PERMISSION ISSUED/DENIED BY: _____ ISSUE DATE: _____

NOTES/ISSUES:

CONDITIONS:

Reg. Number: _____ Zone: _____

Renewal Date: _____ Date of Payment: _____

Doña Ana County Parcel Map

6000 S MAIN ST

Show search results for 6000 S ...

(1 of 3)

Parcel: JOHN WRIGHT REVOCABLE TRUST DATED MARCH 21, 2017

ACCOUNT NUMBER: R0400981
OWNER NAME: JOHN WRIGHT REVOCABLE TRUST DATED MARCH 21, 2017
MAILING ADDRESS: PO BOX 566
CITY: MESILLA
STATE: NM
ZIP: 88046
SUBDIVISION NAME: PLAT OF SURVEY TOWN OF MESILLA (BK 24 PG 275 - 1729072)
SITE ADDRESS: 1717 W BOUTZ RD
ACREAGE: 0.25
SQUARE FOOTAGE: 11,416.04
TOTAL VALUATION (LAND & BUILDING): 198,797

ASSESSOR PARCEL INFORMATION DETAIL LINK

Zoom to

0 20 40ft

106.79° 32.275 Degrees

BOARD ACTION FORM

AGENDA DATE
PZHAC: September 6, 2022 **BOT:** September 26, 2022

ITEM: **Short Term Rental #1020** – 1717 W Boutz Rd. #4 submitted by Melissa Clark of Desert Sky Realty & Investments, LLC for a Short Term Rental (STR) registration, Zoned: **Historical Residential (HR)**

BACKGROUND AND ANALYSIS: The applicant proposes a Short Term Rentals (STR) at above address. This application was reviewed and approved by Architectural Styles Committee and PZHAC.
It is determined that the proposed Short Term Rental registration application is acceptable and meets all applicable Town codes, the application should continue based on finding stated below.

MUNICIPAL TOWN CODE:
This application falls under the ordinance MTC Chapter(s) 3.05 and 3.20

SUPPORTING INFORMATION:
- Application

PZHAC ACTION:
Applicant has met all request asked by the PZHAC to move this application forward. The vote of the PZHAC was 5-0

BOT OPTIONS:
The Board of Trustees may:
1. Recommend approval of this case with findings stated above.
2. Recommend approval of this case with findings stated above and conditions.
3. Deny the application.

RECEIVED
Date: 8-15-22

2231 Avenida de Mesilla
P.O. Box 10
Mesilla, NM 88046
Phone: (575) 524-3262 Fax: (575) 541-6327

Reg. No.: 1020

SHORT TERM RENTAL (STR) REGISTRATION

Note: Any changes to property owner information; additions or alterations to rental units; changes in number or type of rental units; parking; or any other changes to information listed on this form will require a change to the information on file with the Town.

New X Renewal _____

PLEASE PRINT

RENTAL INFORMATION

Name of Rental: Los Arcos

Street Address of Unit: 1717 W. Boutz Rd. Mesilla NM 88045, #4

Zone: RES DAC Parcel #: 04-_____ DAC Parcel #: 4-0010-137-342-407

Square Footage of Rental Unit: 1,000 No. of Bedrooms: 2 No. of Bathrooms: 2

Number of Off-street Parking Spaces: 1

Current New Mexico Revenue Division ID #: 03-578416-00-8
(The location code for reporting earnings received in the Town of Mesilla is 07-303.)

All Short-Term-Rentals in Mesilla are also subject to Mesilla Lodger's Tax payable monthly directly to the Town.

PROPERTY OWNER INFORMATION

Name of Owner/Applicant: John Wright Revocable Trust

Mailing Address: PO Box 5816

City: Mesilla State: NM Zip Code: 88046

E-Mail Address: john@icebox brewing.com

Phone #1: 575-644-8202 Phone #2: _____

Emergency Phone #: 575-644-3907

Property Owner's Physical Address:

Street 2782 Calle de San Albino

City: Mesilla State: NM Zip Code: 88046

PROPERTY MANAGEMENT/AUTHORIZED RENTAL AGENT

Authorized Rental Agent: Desert Sky Realty & Investments LLC / Melissa Clark

Contact/Phone #: 575-644-3907 E-mail: melissa.clark.mon@gmail.com

(Please complete other side.)

EMERGENCY CONTACT INFORMATION
Responsible party to be called in case of emergency. Enter name in order of contact (please print):

24 HOUR EMERGENCY PHONE #: 575-144-3907

Name	Address	Telephone #
1. Melissa Clark		575 144-3907
2. John Wright		575-144 8202
3. Angel Wilson		575 440-1023

Do you have an alarm system? Yes____ No ✓

What Type? _____

Which Company, if any, Responds to Alarms? _____

Compliance with Fire Codes and Occupancy Requirements: All residential short-term rentals are subject to the applicable fire codes, and occupancy must be reviewed and approved for compliance with the Codes by the Town Fire Chief. An on-site inspection may be required.

APPLICANT HEREBY STATES UNDER OATH THAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE TRUE AND VALID.

Signature of Rental Owner

8/15/2022
Date

Melissa Clark
Name (Printed)

Office Use
FOR NEW OR MODIFIED RENTALS

PERMISSION ISSUED/DENIED BY: _____ ISSUE DATE: _____

NOTES/ISSUES:

CONDITIONS:

Reg. Number: _____ Zone: _____

Renewal Date: _____ Date of Payment: _____

BOARD ACTION FORM

AGENDA DATE
PZHAC: September 6, 2022 **BOT:** September 26, 2022

ITEM: **Short Term Rental #1021** – 2188 Calle de Norte submitted by Melissa Clark of Desert Sky Realty & Investments, LLC for a Short Term Rental (STR) registration, Zoned: **Historical Residential (HR)**

BACKGROUND AND ANALYSIS: The applicant proposes a Short Term Rentals (STR) at above address. This application was reviewed and approved by Architectural Styles Committee and PZHAC.
It is determined that the proposed Short Term Rental registration application is acceptable and meets all applicable Town codes, the application should continue based on finding stated below.

MUNICIPAL TOWN CODE:
This application falls under the ordinance MTC Chapter(s) 3.05 and 3.20

SUPPORTING INFORMATION:
- Application

PZHAC ACTION:
Applicant has met all request asked by the PZHAC to move this application forward. The vote of the PZHAC was 5-0

BOT OPTIONS:
The Board of Trustees may:
1. Recommend approval of this case with findings stated above.
2. Recommend approval of this case with findings stated above and conditions.
3. Deny the application.

RECEIVED
Date: 8-15-22

2231 Avenida de Mesilla
P.O. Box 10
Mesilla, NM 88046
Phone: (575) 524-3262 Fax: (575) 541-6327

Reg. No.: 1021

SHORT TERM RENTAL (STR) REGISTRATION

Note: Any changes to property owner information; additions or alterations to rental units; changes in number or type of rental units; parking; or any other changes to information listed on this form will require a change to the information on file with the Town.

New X Renewal _____

PLEASE PRINT

RENTAL INFORMATION

Name of Rental: _____

Street Address of Unit: 2188 Calle Del Norte Mesilla NM 88046

Zone: RS DAC Parcel #: 04-006-137-147-379 DAC Parcel #: 4-006-137-147-379

Square Footage of Rental Unit: 957 No. of Bedrooms: 1 No. of Bathrooms: 1

Number of Off-street Parking Spaces: 2

Current New Mexico Revenue Division ID #: 03-580406-00-8
(The location code for reporting earnings received in the Town of Mesilla is 07-303.)

All Short-Term-Rentals in Mesilla are also subject to Mesilla Lodger's Tax payable monthly directly to the Town.

PROPERTY OWNER INFORMATION

Name of Owner/Applicant: John Wright Revocable Trust

Mailing Address: PO Box 5606

City: Mesilla State: NM Zip Code: 88046

E-Mail Address: john@icebox brewing.com

Phone #1: 575-644-8202 Phone #2: _____

Emergency Phone #: 575-649-3907

Property Owner's Physical Address:

Street 2782 Calle de San Albino

City: Mesilla State: NM Zip Code: 88046

PROPERTY MANAGEMENT/AUTHORIZED RENTAL AGENT

Authorized Rental Agent: Desert Sky Realty & Investments, LLC / Melissa Clark

Contact/Phone #: 575-649-3907 E-mail: melissaclark@desertsky.com

(Please complete other side.)

EMERGENCY CONTACT INFORMATION
Responsible party to be called in case of emergency. Enter name in order of contact (please print):

24 HOUR EMERGENCY PHONE #: 575-649-3907

Name	Address	Telephone #
1. Melissa Clark		575-649-3907
2. John Wright		575-649-8202
3. Angel Wilson		575-496-6923

Do you have an alarm system? Yes ____ No X

What Type? _____

Which Company, if any, Responds to Alarms? _____

Compliance with Fire Codes and Occupancy Requirements: All residential short-term rentals are subject to the applicable fire codes, and occupancy must be reviewed and approved for compliance with the Codes by the Town Fire Chief. An on-site inspection may be required.

APPLICANT HEREBY STATES UNDER OATH THAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE TRUE AND VALID.

Signature of Rental Owner

8/15/2022
Date

Melissa Clark
Name (Printed)

Office Use
FOR NEW OR MODIFIED RENTALS

PERMISSION ISSUED/DENIED BY: _____ ISSUE DATE: _____

NOTES/ISSUES:

CONDITIONS:

Reg. Number: _____ Zone: _____

Renewal Date: _____ Date of Payment: _____

BOARD ACTION FORM

AGENDA DATE
PZHAC: September 6, 2022 **BOT:** September 26, 2022

ITEM: PZHAC Case #061446 –2415 Calle de Parian, submitted by Robert Reynolds to install a HVAC System. **Zoned: Historical Residential (HR).**

BACKGROUND AND ANALYSIS: Proposed work involves installing a 2.3 Ton 15 Seer HVAC system on dwelling by Mesilla Park Services LLC. as per site plan in the packet. This application and all supporting documents were reviewed and approved by Architectural Styles Committee and PZHAC.
It is determined that the proposed application is acceptable and meets all applicable Town codes, the application should continue based on finding stated below.

MUNICIPAL TOWN CODE:
This application falls under the ordinance MTC Chapter(s) 18.33, 18.35, & 18.60

SUPPORTING INFORMATION:
- Application
- Site Plan & Design

PZHAC ACTION:
Applicant has met all request asked by the PZHAC to move this application forward. The vote of the PZHAC was 5-0

BOT OPTIONS:
The Board of Trustees may:
1. Recommend approval of this case with findings stated above.
2. Recommend approval of this case with findings stated above and conditions.
3. Deny the application.

OFFICIAL USE ONLY:
Case # 061446
Fee $152.00
Exc $130.00
Rev $22.00

TOWN OF MESILLA
ZONING APPROVAL

PERMISSION TO CONDUCT WORK
OR
OBTAIN A COMMERCIAL/RESIDENTIAL BUILDING PERMIT FROM CID

2231 Avenida de Mesilla, P.O. Box 10, Mesilla, NM 88046 (575) 524-3262 ext. 104

CASE NO. 061446 ZONE: HR CODE: AC APPLICATION DATE: 7/29/2022

ROBERT REYNOLDS — Name of Property Owner
575-644-0829 — Property Owner's Telephone Number
2415 CALLE DE PARIAN — Property Owner's Mailing Address
LAS CRUCES — City
NM — State
88005 — Zip Code

Property Owner's E-mail Address

MESILLA PARK SERVICES LLC — Contractor's Name & Address (If none, indicate Self)
575-523-6089 — Contractor's Telephone Number
Contractor's Tax ID Number
NM-406933 — Contractor's License Number

Address of Proposed Work: 2415 CALLE DE PARIAN LAS CRUCES NM 88005

Description of Proposed Work: HVAC 2.5 TON 15 SEER PACKAGE SYSTEM

$ 7,168.64 — Estimated Cost
Esmeralda Villegas — Signature of Applicant
7/29/2022 — Date

Signature of property owner: _____

With the exception of administrative approvals, all permit requests must undergo a review process from staff, PZHAC and/or BOT before issuance of a zoning permit. Plan sheets are to be no larger than 11 x 17 inches or shall be submitted electronically.

FOR OFFICIAL USE ONLY

PZHAC
- ☐ Administrative Approval
- ☐ Approved Date: _____
- ☐ Disapproved Date: _____
- ☐ Approved with conditions

BOT
- ☐ Approved Date: _____
- ☐ Disapproved Date: _____
- ☐ Approved with Conditions

PZHAC APPROVAL REQUIRED: ✓ YES ___ NO BOT APPROVAL REQUIRED: ✓ YES ___ NO

CID PERMIT/INSPECTION REQUIRED: ✓ YES ___ NO ___ SEE CONDITIONS

CONDITIONS: _____

PERMISSION ISSUED/DENIED BY: _____ ISSUE DATE: _____

THIS APPLICATION SHALL INCLUDE ALL OF THE FOLLOWING:

1.____ Plot plan with legal description to show existing structures, adjoining streets, driveway(s), improvements & setbacks. Verification shall show that the lot was **LEGALLY** subdivided through the Town of Mesilla or that the lot has been in existence prior to February 1972.
2.____ Site Plan with dimensions and details.
3.____ Foundation plan with details.
4.____ Floor plan showing rooms, their uses and dimensions.
5.____ Cross section of walls
6.____ Roof and floor framing plan
8.____ Proof of legal access to the property.
9.____ Drainage plan.
10.____ Details of architectural style and color scheme (checklist included for Historical zones) -- diagrams and elevations.
11.____ Proof of sewer service or a copy of septic tank permit; proof of water service (well permit or statement from the Public Utility providing water services).
12.____ Proof of legal access to the property.
13.____ Other information as necessary or required by the City Code or Community Development Department (See other side.)

The following are requirements to be included with all building permit applications for new structures or additions to existing structures, as well as other construction or fixtures that will be permanent in nature and affect the appearance or use of the property. (This includes fences, well houses, storage units, metal sheds, photo-voltaic panels that can be seen from the ground, etc.)

BUILDING PERMIT REQUIREMENTS

A. Completed application, including:
   1. Applicant's name
   2. Applicant/property owners contact information
   3. Physical address of property
   4. Description of work to be done, including dimensions of any construction or repairs
   5. Value of work to be done
   6. Property owner's signature on the application

B. Include all information required in the checklist at the bottom of the application.

C. Additional information required:

_____

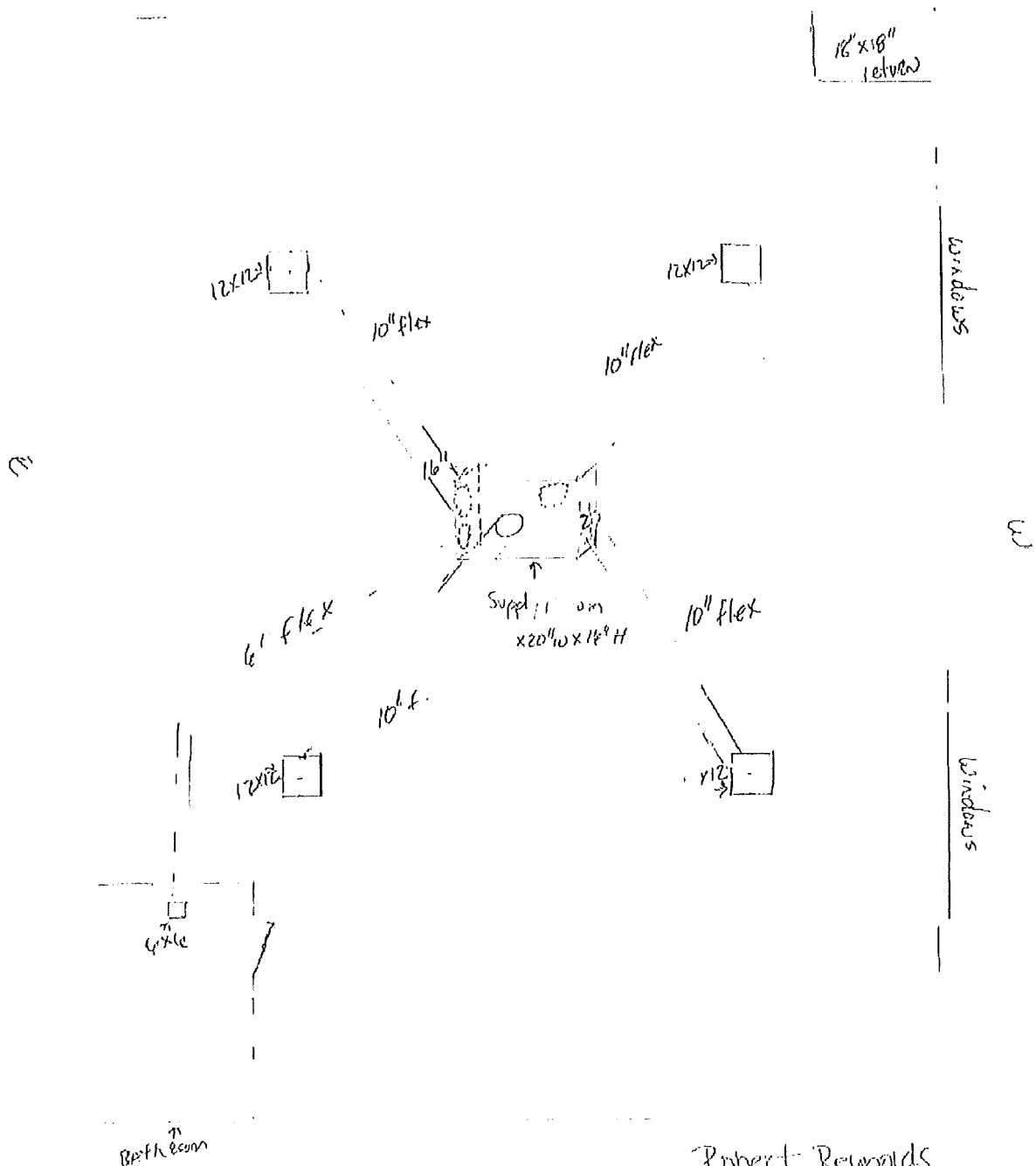
_____

_____

_____

L [illegible] Pump Charge [illegible]
Roof Curb
Supply Plenum 20"W x 16"H x 36"L
4-12 [illegible]
4-12 [illegible] x10 register boot
1-6x[illegible]
1 [illegible]
10" Flex Duct
6" Flex Duct
10" start collars
6" [illegible] start collars

[illegible] Flex Duct - Return
14' flex Duct - Supply
Ecobee 3 lite Thermostat
Duct board



Robert Reynolds
2415 Calle de Parion
[illegible]

BOARD ACTION FORM

AGENDA DATE
PZHAC: September 6, 2022 **BOT:** September 26, 2022

ITEM: PZHAC Case #061447 –2525 Calle de Parian submitted by Camila Rodriguez to install a solar panel System. **Zoned: Historical Residential (HR)**

BACKGROUND AND ANALYSIS: Proposed work by Solcius LLC proposes to install roof mounted Solar System with eleven (11) panels, six (6) inverters for a 4.07kw of power as per site plan in the packet.
This application and all supporting documents were reviewed and approved by Architectural Styles Committee and PZHAC.
It is determined that the proposed application is acceptable and meets all applicable Town codes, the application should continue based on finding stated below.

MUNICIPAL TOWN CODE:
This application falls under the ordinance MTC Chapter(s) 18.33 and 18.35

SUPPORTING INFORMATION:
- Application
- Site Plan & Design
- Structural Analysis Report

PZHAC ACTION:
Applicant has met all request asked by the PZHAC to move this application forward. The vote of the PZHAC was 5-0

BOT OPTIONS:
The Board of Trustees may:
1. Recommend approval of this case with findings stated above.
2. Recommend approval of this case with findings stated above and conditions.
3. Deny the application.

OFFICIAL USE ONLY:
Case # 061447
Fee $ 376.00
Fee $325.00
Review $51.00

TOWN OF MESILLA
ZONING APPROVAL

PERMISSION TO CONDUCT WORK
OR
OBTAIN A COMMERCIAL/RESIDENTIAL BUILDING PERMIT

2231 Avenida de Mesilla, P.O. Box 10, Mesilla, NM 88046 (575) 524-3262 ext. 104

CASE NO. 061447 ZONE: HR CODE: AC APPLICATION DATE: _____

Camila Rodriguez
Name of Applicant/Owner

(844) 357-2258
Applicant's Telephone Number

1555 N Freedom Blvd | Provo | UT | 84604
Applicant's/Owner's Mailing Address | City | State | Zip Code

solarpermits@solcius.com
Applicant's/Owner's E-mail Address

Solcius, LLC (1555 N Freedom Blvd Provo, UT 84604)
Contractor's Name & Address (If none, indicate Self)

(844) 357-2258 | _____ | 396621
Contractor's Telephone Number | Contractor's Tax ID Number | Contractor's License Number

Address of Proposed Work: 2525 Calle De Parian Las Cruces, NM 88005

Description of Proposed Work: Installation of Roof Mounted Solar PV System (11 panels, 6 inverters, 4.07 kW)

$ 26567 | Camila Rodriguez | 7/15/2022
Estimated Cost | Signature of Applicant | Date

Signature of property owner if applicant is not the property owner: _____

With the exception of administrative approvals, all permit requests must undergo a review process from staff, PZHAC and BOT before issuance of a building permit. Recorded proof of ownership with legal description of property (deed or current tax bill) along with verification of legally subdivided status of the property are required. Plan sheets are to be no larger than 11 x 17 inches.

FOR OFFICIAL USE ONLY

PZHAC
- ☐ Administrative Approval
- ☐ Approved Date: _____
- ☐ Disapproved Date: _____
- ☐ Approved with conditions

BOT
- ☐ Approved Date: _____
- ☐ Disapproved Date: _____
- ☐ Approved with Conditions

FIRE INSPECTION/APPROVAL REQUIRED: ✓ YES ✓ NO ____ SEE CONDITIONS

CID PERMIT/INSPECTION REQUIRED: ✓ YES ____ NO ____ SEE CONDITIONS

CONDITIONS: _____

PERMISSION ISSUED/DENIED BY: _____ ISSUE DATE: _____

This Application will include the following, if checked:

1.____ Plot plan with legal description to show existing structures, adjoining streets, driveway(s), improvements & setbacks. Verification shall show that the lot was **legally** subdivided through the Town of Mesilla or that the lot has been in existence prior to February 1972.
2.____ Site Plan with dimensions and details.
3.____ Proof of legal access to the property.
4.____ Drainage plan.
5.____ Architectural style and color scheme – diagrams or elevations (Historical and commercial zones only).
6.____ Proof of sewer service or a copy of septic tank permit; proof of water service (well permit or statement from the Public Utility providing water services).
7.____ Other information as necessary or required by the City Code or Community Development:

SHEET INDEX	
PV01	TITLE SHEET
PV02	SITE PLAN
PV03	ELECTRICAL LINE DIAGRAM
PV04	EQUIPMENT LABELS
PV05	ATTACHMENT SPACING
PV06	RACK RAIL DIAGRAM
PV07	ELEVATION
	SPECIFICATION SHEETS

SCOPE OF WORK

Installation of Solar PV System

# OF PANELS:	11	
# OF INVERTERS:	6	
DC SYSTEM SIZE:	4.07	KW-DC
AC SYSTEM SIZE:	3	KW-AC

APPLICABLE CODES

2017 NATIONAL ELECTRIC CODE (NEC)

2015 INTERNATIONAL RESIDENTIAL CODE

2015 INTERNATIONAL BUILDING CODE

STREET VIEW GE VIEW

Latitude	Longitude
32.270777	-106.798838

CONSTRUCTION NOTES

A. ALL GROUNDING ELECTRODES AS DESCRIBED IN NEC 250.52(A)(1) (A)(7) THAT ARE PRESENT AT EACH BUILDING OR STRUCTURE SERVED SHALL BE BONDED TOGETHER TO FORM THE GROUNDING ELECTRODE SYSTEM. WHERE NONE OF THESE GROUNDING ELECTRODES EXIST, ONE OR MORE OF THE GROUNDING ELECTRODES SPECIFIED IN NEC 250.52(A)(4)-(A)(8) SHALL BE INSTALLED PER NEC 250.50. ADDITIONAL GROUNDING ELECTRODES SHALL BE INSTALLED PER NEC 250.53. THE GROUNDING OR BONDING CONDUCTOR SHALL BE CONNECTED TO THE GROUNDING ELECTRODE BY LISTED CLAMPS PER NEC 250.70.

B. ROOFTOP MOUNTED PHOTOVOLTAIC SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. ROOF PENETRATIONS SHALL BE FLASHED AND SEALED IN ACCORDANCE WITH IRC R909.3

C. ACCESS AND WORKING SPACE SHALL BE PROVIDED AND MAINTAINED ABOUT ALL ELECTRICAL EQUIPMENT TO PERMIT READY AND SAFE OPERATION AND MAINTENANCE OF SUCH EQUIPMENT PER NEC 110.26.

D. ALL PLAQUES AND SIGNS WILL BE INSTALLED AS REQUIRED BY NEC.

E. CONDUIT WILL BE INSTALLED IN COMPLIANCE WITH NEC 358.

F. GROUNDING ELECTRODE CONDUCTOR SHALL BE PROTECTED PER NEC 250.64(B) AND SHALL BE CONTINUOUS PER NEC 250.64(C).

G. ROOF COVERINGS SHALL COMPLY WITH IBC 1506.2, 1507 & IRC R904.3.

H. CIRCUIT BREAKERS, IF BACKFED, SHALL BE SUITABLE FOR SUCH OPERATION PER NEC 705.12(B)(4) AND WILL BE INSTALLED PER NEC 408.36(D).

I. INVERTERS UL LISTED 1741 PER IRC R324.3.

J. ROOFTOP MOUNTED PHOTOVOLTAIC PANEL SYSTEM SHALL BE TESTED, LISTED AND IDENTIFIED WITH A FIRE CLASSIFICATION IN ACCORDANCE WITH UL 1703.

K. NON-CURRENT-CARRYING METAL PARTS OF EQUIPMENT, RACEWAYS, AND OTHER ENCLOSURES, IF GROUNDED, SHALL BE CONNECTED TO AN EQUIPMENT GROUNDING CONDUCTOR BY ONE OF THE METHODS SPECIFIED IN NEC 250.134(A) OR (B).

L. THE DISCONNECTING MEANS FOR UNGROUNDED CONDUCTORS SHALL CONSIST OF A MANUALLY OPERABLE SWITCHES OR CIRCUIT BREAKERS COMPLYING WITH NEC 690.15(D)(1).

M. THE INSTALLATION OF EQUIPMENT AND ALL ASSOCIATED WIRING AND INTERCONNECTIONS SHALL BE PERFORMED ONLY BY QUALIFIED PERSONS PER NEC 690.4(C).

N. IT IS THE DUTY OF THE PERSON REQUESTING ANY INSPECTIONS REQUIRED BY THE IRC TO PROVIDE ACCESS TO AND MEANS FOR INSPECTION OF SUCH WORK PER IRC R109.3.

O. SMOKE ALARMS & CARBON MONOXIDE ALARMS MUST BE INSTALLED PER IRC R314.2.2 AND R315.2.2.

P. SOLAR PV MODULES CANNOT BE INSTALLED OVER OR BLOCK ANY ATTIC VENTS, PLUMBING VENTS, FURNACE OR WATER HEATER VENTS, ETC.

ARLO EDWARD HULICK NEW MEXICO 18907 PROFESSIONAL ENGINEER

Digitally sealed by Arlo Hulick, P.E. on 07/14/2022

solcius

Solcius, LLC
1530 Goodyear Dr, Ste G El Paso, TX 79936
(844) 357-2258

Renee L Beltran
2525 Calle De Parian Las Cruces NM 88005 (575) 635-6683

UTILITY: El Paso Electric Co (NM)

DESIGNER: Brayden Allred

DATE: 7/14/2022

PROJECT #: P-245128-22

Financier: Customer

JURISDICTION: Mesilla

SYSTEM SIZE: 4.07 KW-DC 3 KW-AC

SHEET TITLE: TITLE SHEET

VERSION: 3.3.2

SHEET #: PV01

AZIMUTH AND TILT TABLE						
ROOF	AZIMUTH	TILT ANGLE OF PANEL	TILT ANGLE OF ROOF	MODULE COUNT	SOLAR ACCESS	ROOF TYPE
A	143	13	13	11	93%	Asphalt Shingle
B						
C						
D						
E						
F						
G						
H						
I						
ZNSHINE ZXM6-NH120-370/M TOTAL: 11						
NEP BDM-300X2						

3" FIRE SETBACKS (IFC 605.11.1)

3" VENTILATION LOCATION ON THE RIDGE SHALL NOT BE REQUIRED TO BE FREE OF OBSTACLES.

STC CALCULATION BOX

NEW INVERTERS: 6 NEP BDM-300X2 = 3 KW-AC

NEW PANELS: 11 ZNShine ZXM6-NH120-370/M X 370W = 4.07 KW-DC

TOTAL ROOF AREA:	1375
PROPOSED SOLAR AREA:	215.69 sqft
PROPOSED SOLAR WEIGHT:	625.51 lb
PROPOSED % COVERAGE:	16%

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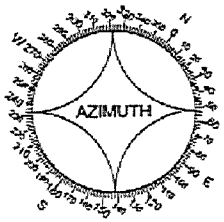
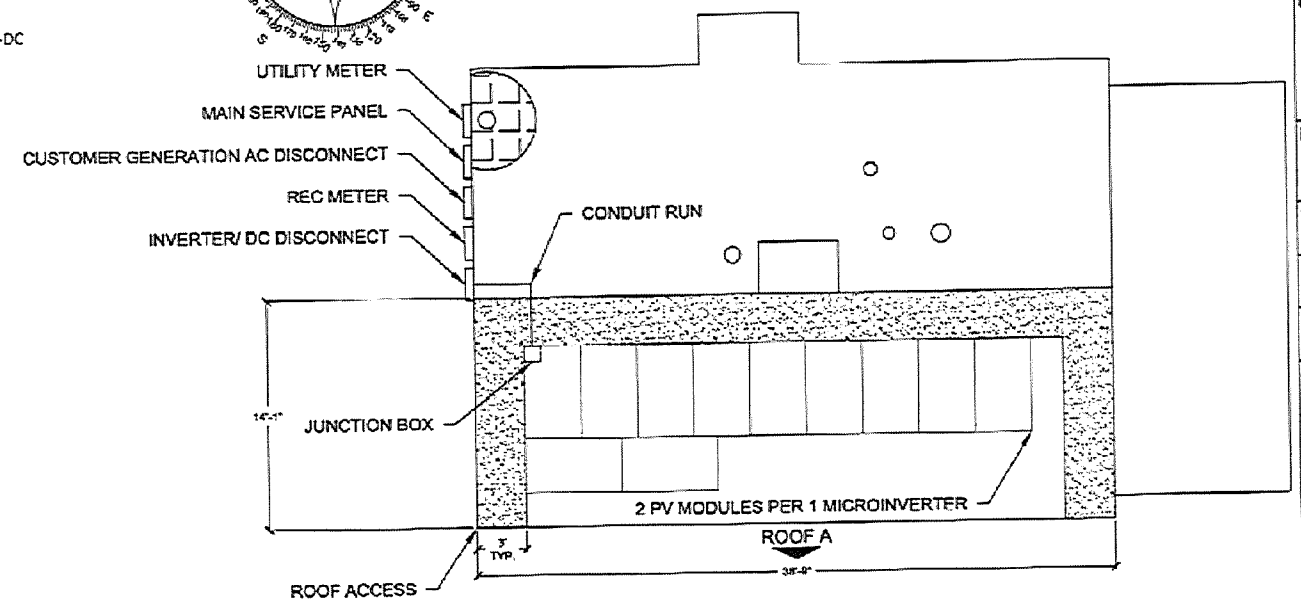


2525 Calle De Parian



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UTILITY: El Paso Electric Co (NM)

DESIGNER: Brayden Allred

DATE: 7/14/2022

PROJECT #: P-245128-22

Financier: Customer

JURISDICTION: Mesilla

SYSTEM SIZE: 4.07 KW-DC 3 KW-AC

SHEET TITLE: SITE PLAN

VERSION: 3.3.2

SHEET #: PV02

EQUIPMENT SCHEDULE

TAG	DESCRIPTION	MANUFACTURER	PART NUMBER	NOTES
1	SOLAR PANEL	ZNSHINE	ZXM6-NH120-370/M	QUANTITY (11)
2				
3	MICRO INVERTER	NEP	NEP BDM-300X2	QUANTITY (6)
4	JUNCTION BOX	PVC JUNCTION BOX (OR EQ.)	51337210 CANTEX	
5	RACKING	ILLUMASTEN CLICKFIT	MECHANISM CLICKFIT	
6	REC METER	EATON	UR1RS1018CH, 600V, 125A, FORM	
7	NON-FUSED AC DISCONNECT	EATON OR EQUAL	DG221URB, 240V, 30A, 2P, 3R	LOCKABLE
8				
9				
10				
11				
12	MAIN SERVICE PANEL			INSTALL THINS OR QUALIFIED MAKE WORKABLE FOR PV BREAKER

CONDUIT AND CONDUCTOR SCHEDULE (PER NEC 690.8(B), TABLE 310.15(B)(2)(a), TABLE 250.122)

TAG	CONDUCTOR TYPE	MIN. CONDUCTOR SIZE	# OF CONDUCTORS	CONDUIT TYPE	MIN. CONDUIT SIZE
1	OPTIMIZER CABLE	#10	2	IN FREE AIR	N/A
	BARE COPPER (EGC)	#6	1		
2	THWN-2	#10	2	MC THROUGH ATTIC WHERE POSSIBLE, OTHERWISE EMT RUN ON ROOF	3/4"
	THWN-2 / EGC	#10	1		
3	THWN-2	#10	2	IN ATTIC WHERE POSSIBLE, OTHERWISE EMT R	3/4"
	THWN-2 / EGC	#10	1		
4	THWN-2	#10	3	EMT	3/4"
	THWN-2 / EGC	#10	1		
5	THWN-2	#10	3	EMT	3/4"
	THWN-2 / EGC	#10	1		

INVERTER SPECIFICATIONS

MANUFACTURER	NEP	
MODEL	BDM-300X2	
MAX DC INPUT VOLTAGE	DC	60
MAX OUTPUT POWER	[W]	340
NOMINAL AC OUTPUT VOLTAGE	[V]	240
NOMINAL AC OUTPUT CURRENT	[A]	1
RECOMMENDED OVERCURRENT PROTECTION	[A]	20

PV MODULE SPECIFICATIONS

MAKE		ZNShine
MODEL		ZXM6-NH120-370/M
MAX POWER-POINT CURRENT (I_{mp})	[A]	10.60
MAX POWER-POINT VOLTAGE (V_{mp})	[V]	34.9
OPEN CIRCUIT VOLTAGE (V_{oc})	[V]	41
SHORT CIRCUIT CURRENT (I_{sc})	[A]	11.42
MAX POWER (P_{max})	[W]	370

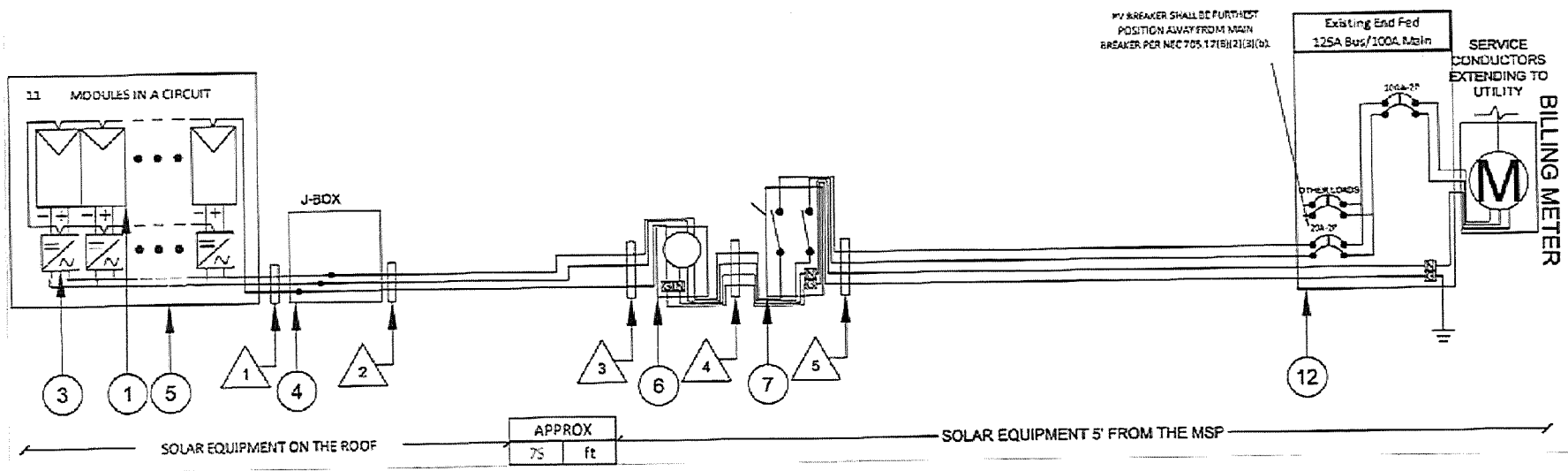
STC CALCULATION BOX
NEW INVERTERS: 6 NEP BDM-300X2 = 3 KW-AC
NEW PANELS: 11 ZNShine ZXM6-NH120-370/M X 370W = 4.07 KW-DC

EXISTING MAIN SERVICE PANEL INFORMATION

VOLTAGE:	120/240	[V]
PHASES:	2	Φ
BUS/BUS RATING:	125	[A]
MAIN BREAKER:	100	[A]
PV SYSTEM BREAKER SIZE:	20	[A]
FEED TYPE:	End Fed	

CALCS: NEC 705.12(B)(2)(3)(b)	(125A BUS)*(1.2)=150A MAX BUS RATING	
	PV BACKFEED (20A)+MAIN BREAKER (100A)=(120<=150)	

ESTIMATED ANNUAL PRODUCTION: 5804 KWH



solcius

Solcius, LLC
1530 Goodyear Dr, Ste G El Paso, TX 79936
(844) 357-2258

Renee L Beltran
2525 Calle De Parian Las Cruces NM 88005 (575) 635-6683

UTILITY: El Paso Electric Co (NM)

DESIGNER: Brayden Allred

DATE: 7/14/2022

PROJECT #: P-245128-22

Financier: Customer

JURISDICTION: Mesilla

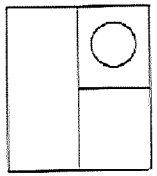
SYSTEM SIZE: 4.07 KW-DC 3 KW-AC

SHEET TITLE: ELECTRICAL LINE DIAGRAM

VERSION: 3.3.2

SHEET #: PV03

Main Service Panel



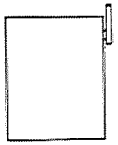
FOR ILLUSTRATION ONLY
(NOT ACTUAL MSP)

SOLAR PV SYSTEM EQUIPPED WITH RAPID SHUTDOWN

⚠WARNING DUAL POWER SOURCE
SECOND SOURCE IS PHOTOVOLTAIC SYSTEM

⚠WARNING
POWER SOURCE OUTPUT CONNECTION. DO NOT RELOCATE THIS OVERCURRENT DEVICE.

AC Disconnect (If Used)



FOR ILLUSTRATION ONLY
(NOT ACTUAL DISCONNECT)

PHOTOVOLTAIC AC DISCONNECT
RATED AC OUTPUT CURRENT: 11
NOMINAL OPERATING AC VOLTAGE: 240

⚠WARNING
ELECTRICAL SHOCK HAZARD
TERMINALS ON BOTH LINE AND LOAD SIDES MAY BE ENERGIZED IN THE OPEN POSITION

WARNING: PHOTOVOLTAIC POWER SOURCE

*LOCATION: EVERY 10' ALONG ANY CONDUITS OR MC CABLE THAT CONTAIN DC CIRCUITS, AT EVERY ENCLOSURE, AND AT EACH SIDE OF WHERE THE CONDUIT OR CABLE PASSES THROUGH A WALL, FLOOR, OR ANY OTHER PARTITION.

NOTES: DC CONDUIT MUST BE A REFLECTIVE STICKER

NOTES:

PRODUCTION METER (If Used)

REC METER

FOR ILLUSTRATION ONLY
(NOT ACTUAL METER)

ALL SIGNAGE MUST BE PERMANENTLY ATTACHED AND BE ABLE TO WITHSTAND THE ENVIRONMENT THEY ARE INSTALLED. SIGNAGE ALSO CANNOT BE HAND WRITTEN. NEC 110.21(B)

solcius

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Renee L Beltran
2525 Calle De Parian Las Cruces NM 88005 (575) 635-6683

UTILITY: El Paso Electric Co (NM)

DESIGNER: Brayden Allred

DATE: 7/14/2022

PROJECT #: P-245128-72

Financier: Customer

JURISDICTION: Mesilla

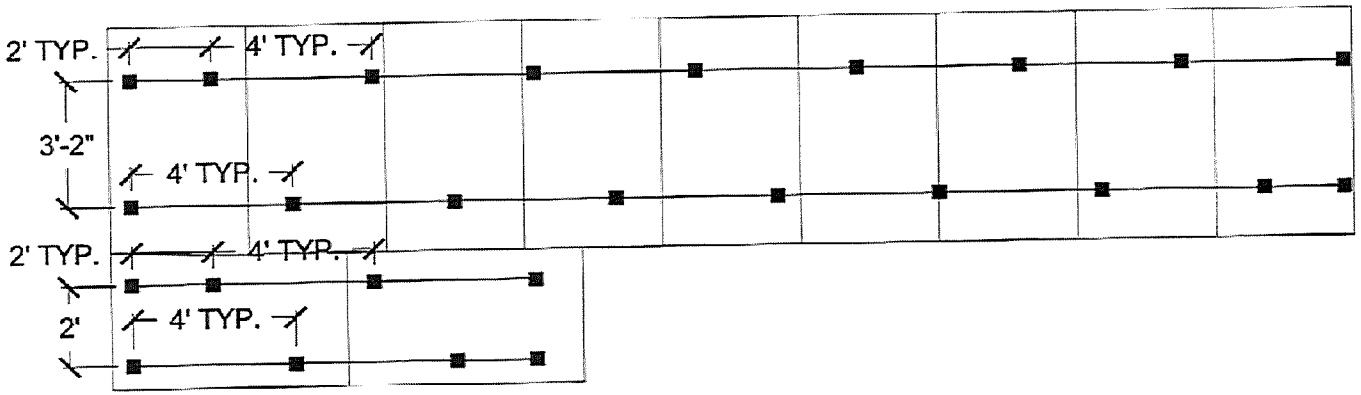
SYSTEM SIZE: 4.07 KW-DC
3 KW-AC

SHEET TITLE: EQUIPMENT LABELS

VERSION: 3.3.2

SHEET #: PV04

LABEL	ROOF TYPE	MOUNTING TYPE	AREA OF ARRAY	GROSS WEIGHT	DEAD LOAD RATING	EXISTING STRUCTURAL FRAMING	MAX RAIL SPAN	RAIL SPAN OFFSET
ROOF A	ASPHALT SHINGLE	GF-1	215.7 SQ. FT.	473 LBS.	2.19 LBS/SQ.FT.	2X4 @24" O.C.	4'	2'



ROOF A

ARLO EDWARD HULICK
NEW MEXICO
18932
PROFESSIONAL ENGINEER

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Arlo Hulick, P.E. on
07/14/2022

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Ste G El Paso, TX
79936
(844) 357-2258

Renee L Beltran
2525 Calle De
Parian Las Cruces
NM 88005 (575)
635-6683

UTILITY:
El Paso Electric Co (NM)

DESIGNER:
Brayden Allred

DATE:
7/14/2022

PROJECT #:
P-245128-22

Financier:
Customer

JURISDICTION:
Mesilla

SYSTEM SIZE:
4.07 KW-DC
3 KW-AC

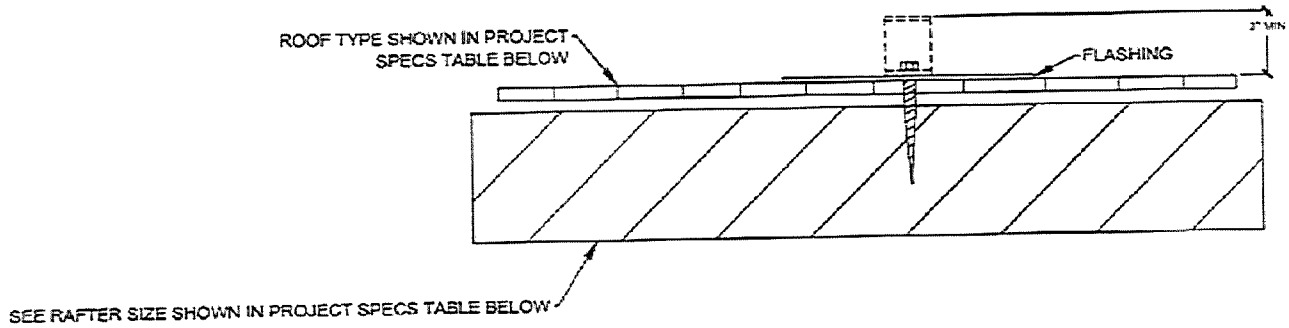
SHEET TITLE:
ATTACHMENT SPACING

VERSION:
3.3.2

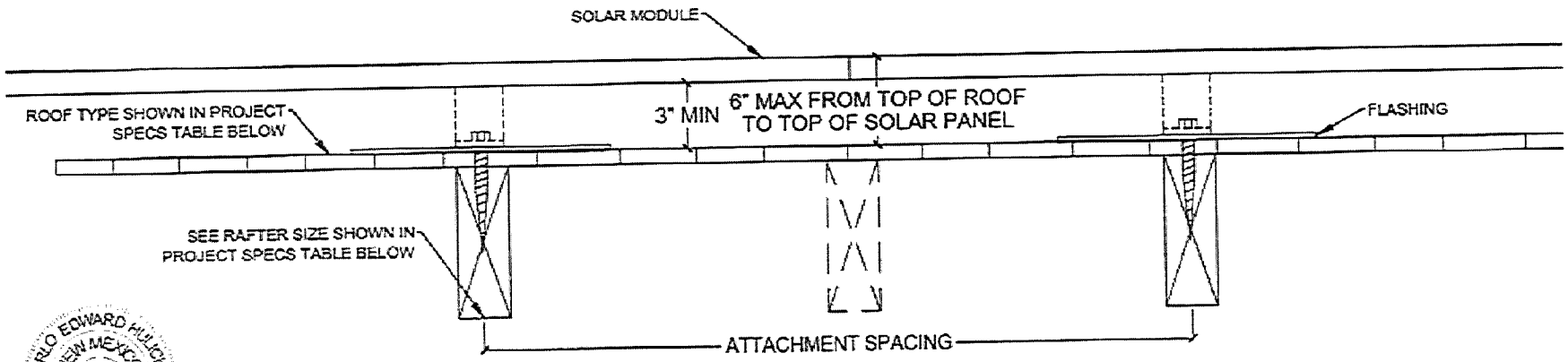
SHEET #:
PV05

ATTACHMENT DETAIL

SOLAR PANELS WILL NOT EXCEED 26' FROM THE GROUND



ELEVATION VIEW



ARLO EDWARD HULICK
NEW MEXICO
16932
PROFESSIONAL ENGINEER

Digitally sealed by Arlo Hulick, P.E. on 07/14/22

PROJECT SPECS	
RAFTER SIZE:	2x4"
RAFTER SPACING:	24" O.C.
ROOF TYPE:	Asphalt Shingle
ATTACHMENT SPACING:	Max 4'
RAILS / RACKING:	ECOFASTEN CLICKFIT
MOUNTING:	GF-1

solcius

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2525 Calle De Parian Las Cruces NM 88005 (575) 635-6683

UTILITY: El Paso Electric Co (NM)

DESIGNER: Brayden Allred

DATE: 7/14/2022

PROJECT #: P-245128-22

Financier: Customer

JURISDICTION: Mesilla

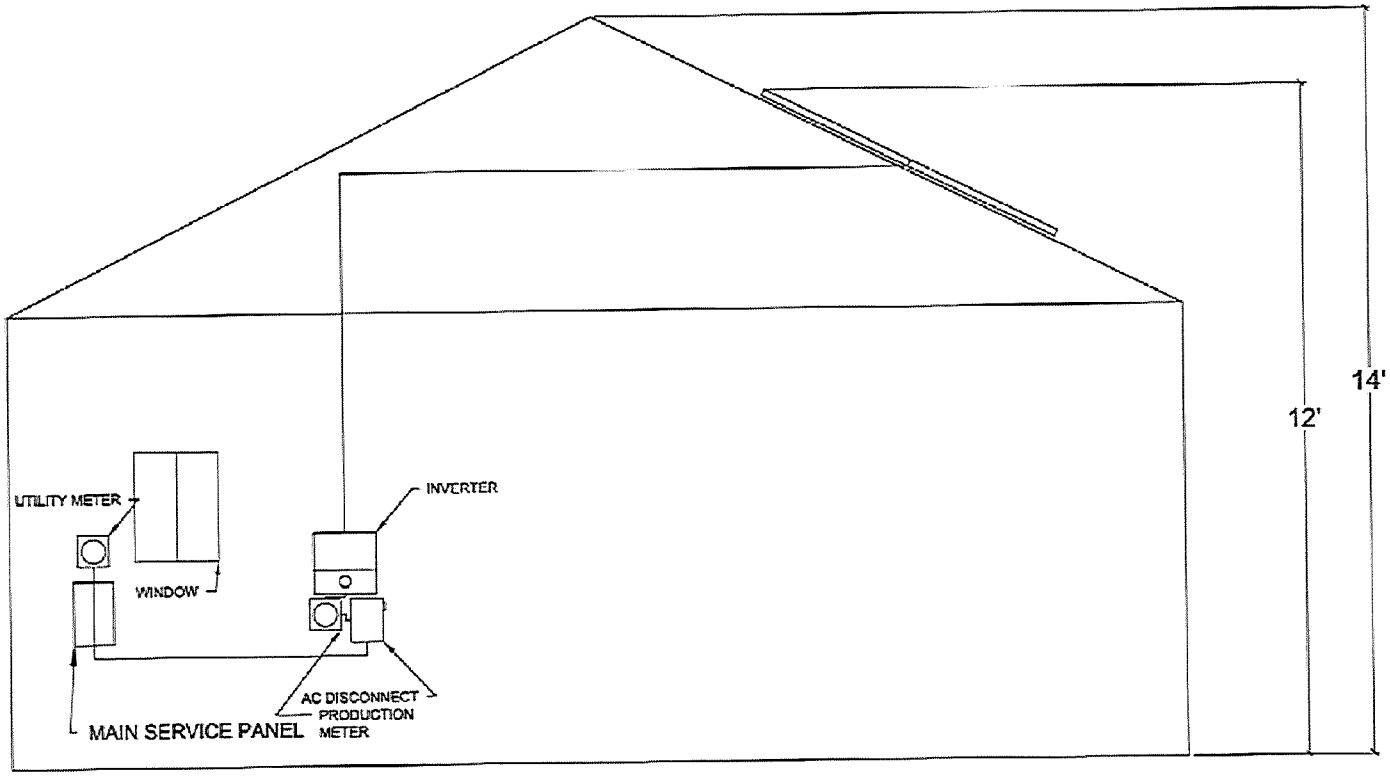
SYSTEM SIZE: 4.07 KW-DC
3 KW-AC

SHEET TITLE: RACK & RAIL DIAGRAM

VERSION: 3.3.2

SHEET #: PV06

SOLAR PANELS WILL NOT EXCEED 26' FROM THE GROUND



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Renee L Beltran
2525 Calle De Parian Las Cruces NM 88005 (575) 635-6683

UTILITY:
El Paso Electric Co (NM)

DESIGNER:
Brayden Allred

DATE:
7/14/2022

PROJECT #:
P-245128-22

Financier:
Customer

JURISDICTION:
Mesilla

SYSTEM SIZE:
4.07 KW-DC
3 KW-AC

SHEET TITLE:
ELEVATION

VERSION:
3.3.2

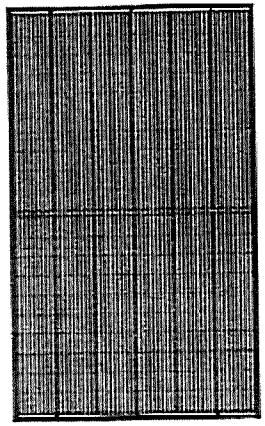
SHEET #:
PV07

ZXM6-NH120 Series

ZNSHINESOLAR

Znshinesolar 9BB HALF-CELL Black
Monocrystalline PERC PV Module

360W | 365W | 370W | 375W | 380W



Excellent Cell Efficiency

9BB technology decreases the distance between busbar and finger grid line which is benefit to power increase.

Better Weak Illumination Response

More power output in weak light condition, such as haze, cloudy, and early morning

Anti PID

Ensured PID resistance through the quality control of cell manufacturing process and raw materials.

Adapt To Harsh Outdoor Environment

Resistant to harsh environments such as salt, ammonia, sand, high temperature and high humidity environment.

TIER 1

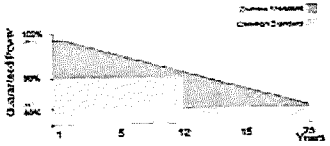
Global,Tier 1 bankable brand,with independently certified state-of-the-art automated manufacturing.

Excellent Quality Managerment System

Warranted reliability and stringent quality assurances well beyond certified requirements.

Improved Aesthetics

Compared to conventional modules,this full black modules have a more uniform appearance and superior aesthetics.



12 years product guarantee
25 years output guarantee

0.5% annual degradation after the first year

ISO 9001: Quality Management System
ISO 14001: Environmental Management System
ISO45001: Occupational Health and Safety Management System

Founded in 1988, ZNSHINE solar is a world's leading high-tech PV module manufacturer.With the state-of-the-art production lines, the company boasts module capacity of 6GW. Bloomberg has listed ZNSHINE as a global Tier 1 PV module maker. Today ZNSHINE has distributed its sales to more than 60 countries around the globe.

www.znshinesolar.com

ELECTRICAL CHARACTERISTICS | STC*

Nominal Power Watt Pmax(W)*	360	365	370	375	380
Power Output Tolerance Pmax(%)	0~+3	0~+3	0~+3	0~+3	0~+3
Maximum Power Voltage Vmp(V)	33.60	34.00	34.20	34.40	34.60
Maximum Power Current Imp(A)	10.66	10.74	10.82	10.91	10.99
Open Circuit Voltage Voc(V)	40.60	40.80	41.00	41.20	41.40
Short Circuit Current Isc(A)	11.24	11.33	11.42	11.51	11.60
Module Efficiency (%)	19.75	20.04	20.31	20.59	20.86

ELECTRICAL CHARACTERISTICS | NMOT*

Maximum Power Pmax(Wp)	268.50	272.10	275.80	279.80	283.50
Maximum Power Voltage Vmp(V)	31.40	31.60	31.80	31.90	32.10
Maximum Power Current Imp(A)	8.55	8.62	8.69	8.76	8.83
Open Circuit Voltage Voc(V)	37.90	38.00	38.20	38.40	38.60
Short Circuit Current Isc(A)	9.08	9.15	9.22	9.29	9.37

MECHANICAL DATA

Solar cells	Mono PERC
Cells orientation	120 (6×20)
Module dimension	1755×1038×35 mm(With Frame)
Weight	20.5 kg
Glass	3.2mm, High Transmission, AR Coated Tempered Glass
Junction box	IP 68, 3 diodes
Cables	4 mm², 350 mm
Connectors	MC4-compatible

TEMPERATURE RATINGS

NMOT	44°C ±2°C
Temperature coefficient of Pmax	-0.36%/°C
Temperature coefficient of Voc	-0.28%/°C
Temperature coefficient of Isc	0.05%/°C

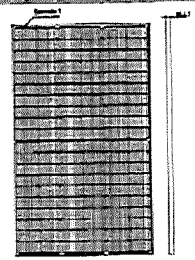
WORKING CONDITIONS

Maximum system voltage	1500 V DC
Operating temperature	-40°C~85°C
Maximum series fuse	20 A
Maximum load(snow/wind)	5400 Pa / 2400 Pa
Fire Performance	Type 1

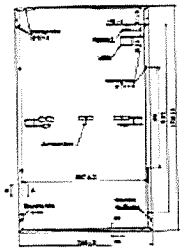
PACKAGING CONFIGURATION

Piece/Box	31
Piece/Container	806
Piece/Container	875

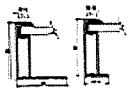
DIMENSIONS(MM)



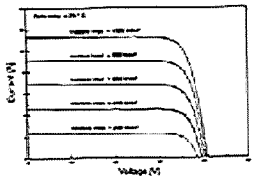
Front View



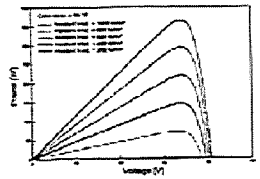
Back View



I-V CURVES OF PV MODULE(360W)



P-V CURVES OF PV MODULE(360W)



Add : Tel, Zhixi Industrial Zone, Jinhua City, 313251, P.R. China Tel: +86 219 6872 0938

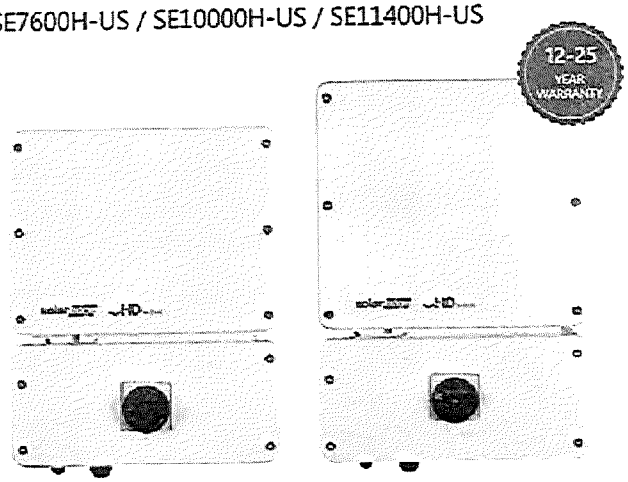
Note: please read safety and installation instructions before using this product | *subject to change without prior notice © ZNSHINE SOLAR 2023 | Version: ZXM6-NH120 2107.1

Single Phase Inverter with HD-Wave Technology

for North America

SE3000H-US / SE3800H-US / SE5000H-US / SE6000H-US / SE7600H-US / SE10000H-US / SE11400H-US

INVERTERS



Optimized installation with HD-Wave technology

- Specifically designed to work with power optimizers
- Record-breaking 99% weighted efficiency
- Quick and easy inverter commissioning directly from a smartphone using the SolarEdge SetApp
- Fixed voltage inverter for longer strings
- Integrated arc fault protection and rapid shutdown for NEC 2014, NEC 2017 and NEC 2020 per article 690.11 and 690.12
- UL1741 SA certified, for CPUC Rule 21 grid compliance
- Small, lightweight, and easy to install both outdoors or indoors
- Built-in module-level monitoring
- Optional: Faster installations with built-in consumption metering (1% accuracy) and production revenue grade metering (0.5% accuracy, ANSI C12.20)

solaredge.com

solaredge

/ Single Phase Inverter with HD-Wave Technology

for North America

SE3000H-US / SE3800H-US / SE5000H-US / SE6000H-US/ SE7600H-US / SE10000H-US / SE11400H-US

MODEL NUMBER	SE3000H-US	SE3800H-US	SE5000H-US	SE6000H-US	SE7600H-US	SE10000H-US	SE11400H-US	
APPLICABLE TO INVERTERS WITH PART NUMBER	SE[illegible]H-[illegible]BXX4							
OUTPUT								
Rated AC Power Output	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	VA
Maximum AC Power Output	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	VA
AC Output Voltage Minimum-Nominal-Maximum (211 - 240 - 264)	✓	✓	✓	✓	✓	✓	✓	Vac
AC Output Voltage Minimum-Nominal-Maximum (183 - 208 - 229)		✓	-	✓	-	-	✓	Vac
AC Frequency (Nominal)	59.3 - 60 - 60.5[1]							Hz
Maximum Continuous Output Current @240V	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	A
Maximum Continuous Output Current @208V	-	[illegible]	-	[illegible]		-	[illegible]	A
Power Factor	Adjustable -0.85 to 0.85							
GFDI Threshold	1							A
Utility Monitoring, Islanding Protection, Country Configurable Thresholds	Yes							
INPUT								
Maximum DC Power @240V	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	W
Maximum DC Power @208V	-	[illegible]	-	[illegible]		-	[illegible]	W
Transformer-less, Ungrounded	Yes							
Maximum Input Voltage	480							Vdc
Nominal DC Input Voltage	-	-	350	-		400	-	Vdc
Maximum Input Current @240V	8.5	10	13.5	16.5	20	27	32.5	Adc
Maximum Input Current @208V	-	8		13.5	-	-	27	Adc
Max. Input Short Circuit Current	45							Adc
Reverse Polarity Protection	Yes							
Ground-Fault Isolation Detection	600kΩ Sensitivity							
Maximum Inverter Efficiency	99			99.2				%
CEC Weighted Efficiency	99						99 @ 240V 98.5 @ 208V	%
Nightime Power Consumption	< 2.5							W

[1] For other regional settings please contact SolarEdge support

[2] A higher current source may be used; the inverter will limit its input current to the values stated

/ Single Phase Inverter with HD-Wave Technology

for North America

SE3000H-US / SE3800H-US / SE5000H-US / SE6000H-US/ SE7600H-US / SE10000H-US / SE11400H-US

MODEL NUMBER	SE3000H-US	SE3800H-US	SE5000H-US	SE6000H-US	SE7600H-US	SE10000H-US	SE11400H-US	
ADDITIONAL FEATURES								
Supported Communication Interfaces	RS485, Ethernet, ZigBee (optional), Cellular (optional)							
Revenue Grade Metering, ANSI C12.20	Optional(3)							
Consumption metering								
Inverter Commissioning	With the SetApp mobile application using Built-in Wi-Fi Access Point for Local Connection							
Rapid Shutdown - NEC 2014, NEC 2017 and NEC 2020, 690.12	Automatic Rapid Shutdown upon AC Grid Disconnect							
STANDARD COMPLIANCE								
Safety	UL1741, UL1741 SA, UL1699B, CSA C22.2, Canadian AFCI according to T.I.L. M-07							
Grid Connection Standards	IEEE1547, Rule 21, Rule 14 (HI)							
Emissions	FCC Part 15 Class B							
INSTALLATION SPECIFICATIONS								
AC Output Conduit Size / AWG Range	1" Maximum / 14-6 AWG					1" Maximum / 14-4 AWG		
DC Input Conduit Size / # of Strings / AWG Range	1" Maximum / 1-2 strings / 14-6 AWG					1" Maximum / 1-3 strings / 14-6 AWG		
Dimensions with Safety Switch (HxWxD)	17.7 x 14.6 x 6.8 / 450 x 370 x 174					21.3 x 14.6 x 7.3 / 540 x 370 x 185		in / mm
Weight with Safety Switch	22 / 10		25.1 / 11.4		26.2 / 11.9	38.8 / 17.6		lb / kg
Noise	< 25					< 50		dBA
Cooling	Natural Convection							
Operating Temperature Range	-40 to +140 / -40 to +60(4)							°F / °C
Protection Rating	NEMA 4X (Inverter with Safety Switch)							

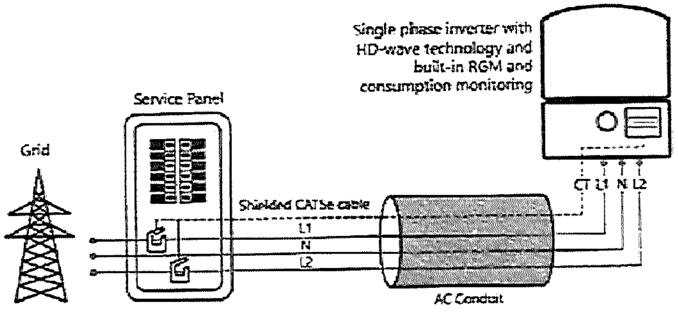
[illegible]

[illegible]

[illegible]

How to Enable Consumption Monitoring

By simply wiring current transformers through the inverter's existing AC conduits and connecting them to the service panel, homeowners will gain full insight into their household energy usage helping them to avoid high electricity bills



Single phase inverter with HD-wave technology and built-in RGM and consumption monitoring

RoHS

/ Power Optimizer

For North America

P370 / P400 / P401 / P485 / P505

Optimizer model (typical module compatibility)	P370 (for higher-power 60 and 72-cell modules)	P400 (for 72 & 96-cell modules)	P401 (for high power 60 and 72 cell modules)	P485 (for high-voltage modules)	P505 (for higher current modules)	
INPUT						
Rated Input DC Power(1)	370	400	430	485	505	W
Absolute Maximum Input Voltage (Voc at lowest temperature)	60	80	60	125(2)	83(2)	Vdc
MPPT Operating Range	8 - 60	8 - 80	8-60	12.5 - 105	12.5 - 83	Vdc
Maximum Short Circuit Current (Isc)	11	10.1	12.5	11	14	Adc
Maximum DC Input Current	13.75	12.5	14.65	12.5	17.5	
Maximum Efficiency	99.5					%
Weighted Efficiency	98.8					%
Overvoltage Category	II					
OUTPUT DURING OPERATION (POWER OPTIMIZER CONNECTED TO OPERATING SOLAREDGE INVERTER)						
Maximum Output Current	15					Adc
Maximum Output Voltage	60			80		Vdc
OUTPUT DURING STANDBY (POWER OPTIMIZER DISCONNECTED FROM SOLAREDGE INVERTER OR SOLAREDGE INVERTER OFF)						
Safety Output Voltage per Power Optimizer	1 ± 0.1					Vdc
STANDARD COMPLIANCE						
EMC	FCC Part 15 Class B, IEC61000-6-2, IEC61000-6-3					
Safety	IEC62109-1 (class II safety), UL1741, NEC/PVRSS					
Material	UL94 V-0, UV Resistant					
RoHS	Yes					
INSTALLATION SPECIFICATIONS						
Maximum Allowed System Voltage	1000					Vdc
Compatible inverters	All SolarEdge Single Phase and Three Phase inverters					
Dimensions (W x L x H)	129 x 153 x 27.5 / 5.1 x 6 x 1.1	129 x 153 x 33.5 / 5.1 x 6 x 1.3	129 x 153 x 29.5 / 5.1 x 6 x 1.16	129 x 159 x 49.5 / 5.1 x 6.3 x 1.9	129 x 162 x 59 / 5.1 x 6.4 x 2.3	mm / in
Weight (including cables)	630 / 1.4	750 / 1.7	655 / 1.5	845 / 1.9	1064 / 2.3	gr / lb
Input Connector	MC4(3)			MC4(3)	MC4(3)	
Input Wire Length	0.16 / 0.5					m / ft
Output Wire Type / Connector	Double Insulated / MC4					
Output Wire Length	1.2 / 3.9					m / ft
Operating Temperature Range(5)	-40 to +85 / -40 to +185					°C / °F
Protection Rating	IP68 / Type6P					
Relative Humidity	0 - 100					%

(1) Rated power of the module at STC will not exceed the optimizer "Rated Input DC Power". Modules with up to +5% power tolerance are allowed

(2) NEC 2017 requires max input voltage be not more than 80V

(3) For other connector types please contact SolarEdge

(4) Longer inputs wire lengths are available for use. For 0.9m input wire length order P401-[illegible]

(5) For ambient temperature above +85°C / +185°F power de-rating is applied. Refer to Power Optimizers Temperature De-Rating Technical Note for more details. https://www.solaredge.com/sites/default/files/se-temperature-derating-note-na.pdf

PV System Design Using a SolarEdge Inverter(6)(7)		Single Phase HD-Wave	Single phase	Three Phase for 208V grid	Three Phase for 277/480V grid	
Minimum String Length (Power Optimizers)	P370, P400, P401	8		10	18	
	P485, P505	6		8	14	
Maximum String Length (Power Optimizers)		25		25	50	
Maximum Power per String		5700(8) (6000 with SE7600-US - SE11400-US)	5250(8)	6000(9)	12750(10)	W
Parallel Strings of Different Lengths or Orientations		Yes				

(6) For detailed string sizing information refer to: http://www.solaredge.com/sites/default/files/string_sizing_na.pdf

(7) It is not allowed to mix P485/P505 with P370/P400/P401 in one string

(8) A string with more than 30 optimizers does not meet NEC rapid shutdown requirements; safety voltage will be above the 30V requirement

(9) For 208V grid: it is allowed to install up to 6,500W per string when the maximum power difference between each string is 1,000W

(10) For 277/480V grid: it is allowed to install up to 15,000W per string when the maximum power difference between each string is 2,000W

Intertek

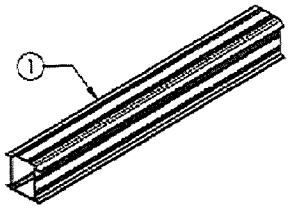
RoHS

PRODUCT CUT SHEET

EcoFasten
For Installers. By Installers.

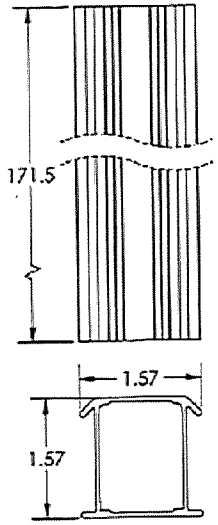
CF STD RAIL AL MLL 171.5"

PART NUMBER	DESCRIPTION
2012025	CF STD RAIL AL MLL 171.5"



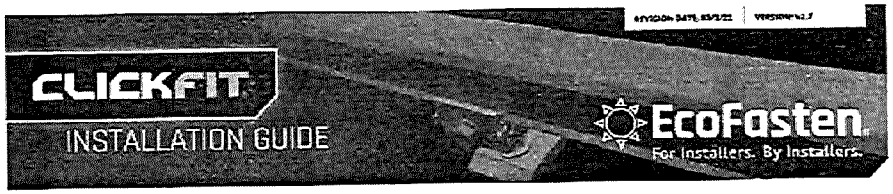
ITEM NO.	DESCRIPTION
1	CF STD RAIL MILL AL RAIL EXTRUSION PROFILE, [4356.1MM] LONG

1) CF STD RAIL MILL AL RAIL EXTRUSION PROFILE, [4356.1MM] LONG



Material	Aluminum
Finish	Mill

REV.- CS1

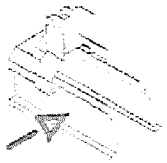


RATINGS

Fire Rating*	Class A System Fire Rating
Max System Voltage	1500 VDC
Max Fuse Rating	40A
Certification	Conforms to UL STD 2703
Warranty	25 Year Material and Workmanship
UL 2703 Markings	Product listing label is located on the rail end-caps
Roof Pitch	2:12 – 12:12
UL 2703 Allowable Design Load Rating	10 psf downward, 5 psf upward, and 5 psf lateral
Max Module Size	25.6 sqft
Module Orientation	Portrait or Landscape
Multiple use Rated Components (Position Independent)	Mid Clamp, Frame MLPE Mount and MLPE Mount

*Class A System fire rating with Type 1 & 2 PV modules. Any module-to-roof gap is permitted, with no skirt required. This rating is applicable with any roof attachment

UL 2703 MARKING EXAMPLE:



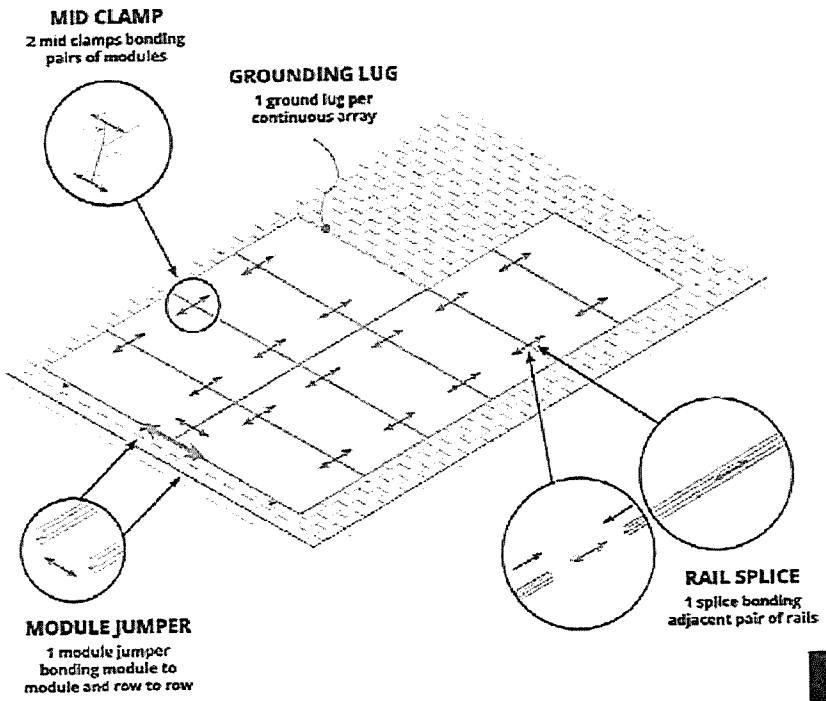
TORQUE SPECIFICATIONS

Component	Torque (in-lb)	Notes
Lag Screw	N/A	Fully Seat. Use visual indicator of the black EPDM ring around the bonded washer for torquing.
Mid-Clamp	144	
End-Clamp	96	
Rail Clicker Leveling Bolt	142	Pre-torqued upon delivery. Applies to Tile Hook and L-Foot/Clicker
Hook Height Bolt	N/A	Lightly clamp hook to flush with top of next tile row
Ground Lug	N/A	Refer to specific ground lug manufacturer's installation manual
MLPE Clip	144	
MLPE Mount	144	

BONDING AND GROUNDING

BONDING PATHS

Bonding paths are carried throughout the array in a variety of ways. They are carried module-to-module and module-to-rail through mid clamps, carried at rail-to-rail connections through the bonding jumpers, and carried row-to-row using bonding jumpers either module-to-module on the module frame or rail-to-rail on the ends of the rails.



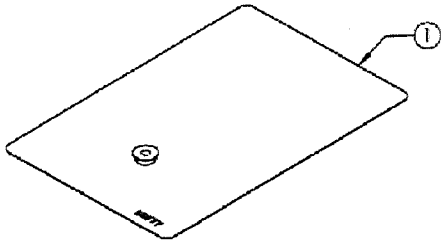
MANUFACTURER	LIST OF UL 2703 APPROVED MODULES
VSUN	VSUN modules with 30, 35 and 40 mm frames VSUNxxx-YYz-aa Where "YY" can be 60, 72, 108, 120, or 144; "z" can be M, P, MH, PH, or BMH; and "aa" can be blank, BB or BW
Waaree	Waaree modules with 40mm frames WSyy-xxx where "yy" can be blank or M
Winaico	Winaico modules with 35 and 40 mm frames Wsy-xxxZa Where "y" can be either P or T; "Z" can be either M, P, or MX; and "a" can be blank or 6
Yingli	Yingli modules with 35 and 40 mm frames YLxxxZ-yy Where "Z" can be D or P; "yy" can be 29b, 30b, 34d, 35b, 36b or 40d
ZN Shine	ZN Shine modules with 35mm frames ZXMY-AAA-xxx/M Where "Y" can be 6 or 7, "AAA" can be 72, NH120, NH144 or NHDB144

PRODUCT CUT SHEET

EcoFasten
For Installers. By Installers.

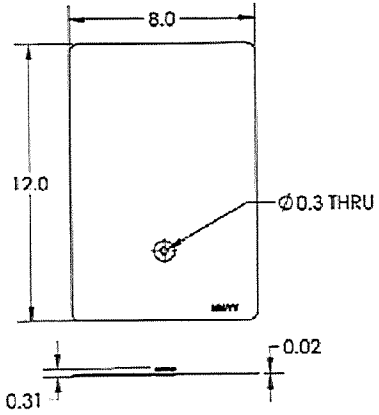
GF-1 FLASHING GLV BLK 8X12"

PART NUMBER	DESCRIPTION
3012010	GF-1 FLASHING GLV BLK 8X12"



ITEM NO.	DESCRIPTION
1	GF1-GAL-BLK-812

1) GF1-GAL-BLK-812



Material	Corrosion Resistant Steel
Finish	Black

REV.- CS1

1555 Freedom Blvd
Provo, UT 84604
Phone: 844.357.2258
Email: solarpermits@solcius.com

Structural Analysis Report

Solar Panel Addition for:
Beltran Residence

2525 Calle De Parian
Las Cruces, NM

I have examined the existing Stick / Conventional framing with 2 x 6 rafters @ 24 inches on center spanning 13 feet that support the roof of this structure. I have performed structural calculations finding the framing to be adequate for gravity and uplift loads applied to the roof by the solar panels, including snow loads applied as point loads to the roof framing, where applicable. The attachments and railing are also adequate without reinforcement for the loads imposed when installed with the attachment spacing shown in the drawings. We recommend the attachments be staggered as shown in the drawings to avoid overloading the rafters.

ARLO EDWARD HULICK
NEW MEXICO
18932
PROFESSIONAL ENGINEER

Digitally sealed by
Arlo Hulick, P.E. on
07/14/2022

License Expires 12.31.22

Solcius Job # P-245128-22
Prepared by Arlo Hulick
July 13, 2022

Table of Contents

The following reference sheets are attached and inserted behind construction plans.

- Solar Panel Characteristics
- Mounting System Specifications
- Rail Specifications

General Notes

1) These structural calculations are not intended to be applicable for non-structural items including, but not limited to, electrical, waterproofing, or drainage.

2) All construction methods and materials shall comply with the building code listed in the design criteria.

Project Data

Project Location	Las Cruces, NM		
Design Criteria:			
Building code:	2015 NMRBC & 2015 NMEBC		
Design Specifications:	ASCE 7-10, NDS 2015, AISC 2010		
Roof snow load on solar panel	5.0	psf	See snow load calcs supplement
Roof snow without solar panel	5.0	psf	
Risk category	II		
Basic wind speed V	115	mph	
Wind exposure	C		
Roof angle θ	13.0	deg.	
Roof zone	2		
Interior component GC_{pi}	+/- 0.18		
Seismic design criteria	Lateral analysis is based on percentage of weight added to main force resisting system and is independent of seismic force parameters. Per IEBC §1103.3 existing design does not require retrofitting if added weight is less than 10% of original weight.		

Existing residence					
Roof area	1374.7	sf	Eave to ridge distance	15	ft
Roof rise	2.8	:12	Ridge height	15.5	ft
Eave height	12	ft	Mean roof height h_r	13.7	ft

Roof structure:	Stick / Conventional
Roof material:	Asphalt Shingle
Proposed PV system	
Solar panels:	ZNShine ZXM6-NH120-370/M
Solar panel rail system:	EcoFasten ClickFit
Mounting System:	EcoFasten GF-1 Flashing w/L-Foot
Attachment screws:	(1) 4" x 5/16" lag screw

Dead Loads

PV System		
Panel wt	45.2	lbs
Panel frame wt	5.2	lbs
Conductor wt	3.0	lbs
Total weight	53.4	lbs
Width	40.87	in.
Length	69.09	in.
Panel area	19.6	sf
Panel dead load	**2.72**	**psf**

Roof	Type	wt	
Covering	Asphalt Shingle	5.4 psf	
Sheathing	7/16" OSB (See Note)	1.8 psf	assumes weight of heavier
Roof framing		1.0 psf	plywood for purposes of
Roof load		**8.2 psf**	checking the framing
Ceiling Joists		0.0 psf	
Mechanical, Insulation		0.0 psf	
Ceiling	5/8"gypsum	2.8 psf	
Ceiling load		**2.8 psf**	
Total roof and ceiling load		**11.0 psf**	

Floor	Type	wt
Covering	Carpet & pad	2.0 psf
Underlayment	3/4" Plywood	2.5 psf
Framing		10.0 psf
Mechanical / Electrical		2.0 psf
Ceiling	5/8" gypsum	2.8 psf
Other		0.7 psf
Floor dead load		**20.0 psf**

Walls	Type	wt
Covering	Stucco	10.0 psf
Sheathing	3/8" plywood	3.0 psf
Insulation		1.0 psf
Framing	per 1' of rafter	1.4 psf
Interior surface	5/8" gypsum	3.0 psf
Wall dead load		**18.4 psf**

Live Loads

Unbalanced roof snow load S	5.0 psf	See snow load calculations
Roof live load L_r	20.0 psf	$C_d = 1.25$
Governing load	20.0 psf	Live load governs, based on max (load/Cd)
Snow load on panel	5.0 psf	See snow load calculations

Gravity Load Increase

Rafters

Rafter length	15 ft.	
Rafter spacing	24 in. on center	
Roof area trib to rafter	30.0 sf	
Original roof load	246 lbs	Dead load only
Panel trib width to rafter	24 in.	
# Panels on rafter (portrait)	1	
# Panels on rafter (landscape)	1	
Panel area trib to rafter	18.3 sf	
Added weight	50 lbs	
% Load increase	20.3%	

FURTHER ANALYSIS REQUIRED (see page 8) IEBC §1103.2

Lateral Force Increase

Roof trib area to MFRS	687 sf	Interior wall trib to MFRS	0 sf
Floor trib area to MFRS	0 sf	Interior wall weight	8 psf
Wall trib area to MFRS	206 sf	Interior wall wt to MFRS	0.0 kips
Roof wt tributary to MFRS	7.6 kips		
Floor wt tributary to MFRS	0.0 kips		
Wall wt tributary to MFRS	3.8 kips		
Original wt to MFRS	11.3 kips		
# PV panels trib to MFRS	11.00 panels		
PV system weight	0.6 kips		
% weight increase	5.2%		

Lateral force increase <10%, existing MFRS is O.K. IEBC §1103.3

Solar Panel Support Frame

Maximum span length	62 in	EcoFasten, Exp. C, 115 mph, zone 2, ECO5 psf
Rail span	48 in	snow,see allowable rail span chart.

Attachment spacing is O.K.

The mounting system is adequate for the proposed fastener spacing.

Wind uplift on Mounting System

Governing Load Case:	0.6D + 0.6W (ASD Load Case 7, ASCE 7-10 §2.4.1)	
Attachment spacing S_{attach}	48 in.	
Attachment spacing S_{perp}	33 in.	
Mounting point trib area A_{trib}	11.0 sf	$A_{trib} = S_{attach} S_{perp}$
Pressure at h =30' (Pnet30)	-2.9 psf	ASCE 7-10, Figure 30.5-1
Array edge factor γ_E	1.0	N/A, used only in ASCE 7-16
Pressure equal. factor γ_a	1.0	N/A, used only in ASCE 7-16
Velocty Pressure Coeff. (q_h)	1.0	N/A, used only in ASCE 7-16
Array trib area	191.6 sf	= module area * # modules in array
Mean roof height h_r	13.7 ft	
Bldg ht adjust factor λ	1.21	ASCE 7-10, Figure 30.5-1
Topographic factor K_{zt}	1.0	ASCE 7-10, Figure 26.8-1
Adjusted pressure (Pnet)	**-16.0 psf**	ASCE 7-10, Eqn. 30.5-1
Dead load	2.7 psf	
Wind load	-16.0 psf	
Net Uplift (0.6D + 0.6W)	8.0 psf (upward)	
Uplift on attachment P_{uplift}	**88 lbs**	P_{uplift} = Net Uplift A_{trib}
Attachment screws used:	**Use (1) 4" x 5/16" lag screw**	
Min. embedment depth	3.25 inches	
Pull-out capacity per inch	582 lbs	Pull-out capacity per manufacturer, see page R-1
Tensile capacity	**1890 lbs**	

Attachment is O.K.

Job # P-245128-22
Beltran Residence
July 13, 2022

Existing Rafter Analysis

Beam properties, size, spacing and span

Douglas fir-larch #1 & BTR assumed

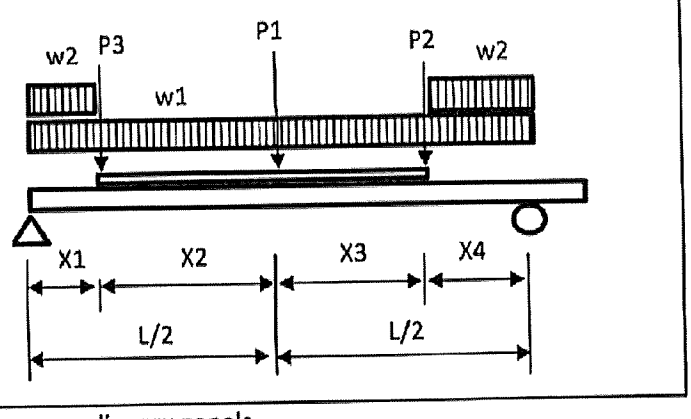
Rafter span L	13.00	feet
Rafter spacing	24	inches
Rafter size	2 x 6	
Section modulus	7.56	in^3
Allowable stress F_b	1200	psi
Size factor C_F	1.30	
Repetitive use factor C_r	1.15	

C_d shown for individual load cases below

All other adjustment factors = 1

Additional point loads may be considered - see next sheet, "Point Loads for Rafter Analysis"

Beam Load Diagram



Loads on roof and solar panels

Roof dead load	8.2	psf
Panel dead load	2.72	psf
Roof live load	20.0	psf
Wind uplift	-42.6	psf
Wind downforce	16.6	psf
Snow load on panels	5.0	psf
Snow load on roof, no panels	5.0	psf

Assumes slippery panels

Assumes non-slippery roof (except metal roofs)

Loads prior to installation:	**w (plf)**	**Cd**	**w/C_d**	Point loads from solar not applied prior to install
D + Lr	56.4	1.25	45.1	
0.6 D + 0.6 W up	-41.3	1.60	-25.8	
D + 0.6 W dn	36.3	1.60	22.7	
D + S	26.4	1.15	23.0	
D + Lr	**56.4**	**1.25**	**45.1**	Governing load case is determined by max w/C_d
Total load before install:	733	lbs	=wL	
Rafter end conditions	Simple beam			
Moment at center span	1191	ft lbs	= wL^2 / 8	

Check member for adequacy prior to install:

Stress (=(M/S)*12"/ft):	1890	psi	O.K.
Adjusted allowable stress F'b	2243	psi	= Fb * adjustment factors given above

Loads after Install

Point loads applied from solar panels - where the point load is outside the span, load = 0

Points listed as "staggered" are on a different rafter, and therefore have no load applied

Point load	load location on rafter span (ft)	trib (sf)	D + Lr	0.6 D + 0.6 W up	D + 0.6 W	D + S	Moment (ft lbs)
1	6.5	11.0	29.9	-263.1	139.4	84.9	-1710.4
Staggered	9.7	0.0	0.0	0.0	0.0	0.0	0.0
3	2.8	6.3	17.2	-151.5	80.2	48.9	-416.6
Staggered	4.8	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	
Staggered	0.0	0.0	0.0	0.0	0.0	0.0	
7	0.0	0.0	0.0	0.0	0.0	0.0	
Staggered	0.0	0.0	0.0	0.0	0.0	0.0	
9	0.0	0.0	0.0	0.0	0.0	0.0	
Staggered	0.0	0.0	0.0	0.0	0.0	0.0	
11	0.0	0.0	0.0	0.0	0.0	0.0	
Staggered	0.0	0.0	0.0	0.0	0.0	0.0	
13	0.0	0.0	0.0	0.0	0.0	0.0	
Staggered	0.0	0.0	0.0	0.0	0.0	0.0	
15	0.0	0.0	0.0	0.0	0.0	0.0	
Staggered	0.0	0.0	0.0	0.0	0.0	0.0	
Distributed loads on rafter span where not covered by solar panels							
w1	1.1	4.3	122.2	-89.4	78.6	57.2	-96.9
w2	11.9	4.3	122.2	-89.4	78.6	57.2	-1065.6
Roof dead load	6.5	0.0	0.0	0.0	0.0	0.0	0.0
Governing load case	5 D + 0.6 W up						
Total load (lbs)	-593		292	-593	377	248	-3289
Cd	1.60		1.25	1.60	1.60	1.15	
Load/Cd	371		233	371	236	216	

Reaction on right	-253	lbs	= moment / rafter span
Reaction on left	-340	lbs	= total load - reaction on left
Max moment	-1160	ft lbs	= reaction on left * span/2 - sum (moments from point loads left of center)
Reduced moment	-1160	ft lbs	Applies reduction in moment due to continuity.
Stress (=M/S/12"/ft):	1841	psi	O.K.
Adjusted allowable stress F'_b	2870	psi	$=F_b$ * adjustment factors above.

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Roof Snow Load Calculations

Ground Snow Load P_g	5.0 psf	
Thermal factor C_t	1.1	
Flat Roof Snow Load $P_f = 0.7\ P_g\ C_e\ C_t\ I_s$	3.9 psf	
$P_s = C_s P_f$		
Solar panels are assumed cold and slippery:		
C_s (slippery) =	0.95	ASCE 7-10 fig. 7.2b
P_s (solar panels, slippery) =	3.7 psf	$P_s = C_s P_f$
Non-metal roof without solar panels is assumed NOT slippery:		
Cs (not slippery) =	1.00	ASCE 7-10 fig. 7.2b
Ps (roof, not slippery) =	3.9 psf	$P_s = C_s P_f$
Unbalanced snow load		
Pitch:	3:12	
Is pitch < 1/2:12 or > 7:12?	No	
W (horizontal projection of eave to ridge)	14.6 ft	
Is rafter simply supported?	Yes	
Snow density γ	14.7 pcf	ASCE 7-10, Eqn. 7.7-1
Unbal. drift ht h_d	0.8 ft	ASCE 7-10 fig. 7-9
Unbalanced drift surcharge	0.0 psf	ASCE 7-10 7.6.1
Length of drift surcharge	4.4 ft	ASCE 7-10 7.6.1
Solar array distance from ridge	3.0 ft	
Unbalanced snow load on rafters	5.0 psf	I*Pg*Cs applied as unbalanced snow on leeward slo
Unbalanced snow load on solar panels	5.0 psf	I*Pg*Cs applied as unbalanced snow on leeward slo
Drifting/sliding snow on low roof		
Balanced snow height h_b	0.3 ft	= balanced snow load / density
Clear ht from bal. snow to high roof h_c	0.0 ft	
Upper roof length l_u		
Lower roof width w_{lower}		
Lower roof drift height h_d	0.0 ft	
Lower roof drift max surcharge p_d	0.0 psf	
Lower roof drift length	0.0 ft	
Solar array distance from upper roof	0.0 ft	
Lower roof drift surcharge $P_{low\ drift}$	0.0 psf	not combined with sliding or rain surcharges
Sliding snow surcharge $P_{sliding}$	0.0 psf	combined with balanced snow only (ASCE 7-10 7.9)
Rain on snow surcharge P_{rain}	0.0 psf	combined with balanced snow only (ASCE 7-10 7.10)
Snow loads used for design, considering unbalanced and/or drifting/sliding snow as needed:		
P_s design (solar panels)	5.0 psf	
P_s design (roof without solar panels)	5.0 psf	

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An ESDEC Company

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Table 1 Ecofasten *ClickFit L Foot* Allowable Capacities [1]

Load Direction	Test Quantity	Average Peak Failure Load (lbs)	Deviation of Test Results [5]	Critical Failure Mode	Safety Factor [6]	Allowable Capacity (lbs) [7]
Uplift [2]	5	1745	8.68%	Aluminum Rupture	1.95	895
Compression [3]	5	1783	3.55%	Aluminum Rupture	1.95	914
Lateral Parallel to Rafter [4]	5	615	4.45%	Aluminum Rupture	1.95	315
Lateral Perpendicular to Rafter [4]	5	571	2.33%	Aluminum Rupture	1.95	293

Table 1 Footnotes:
(1) Capacities apply to a minimum rafter size of 2x6, a deck thickness of 7/16" or greater and lag bolt secured within the center 1/3 of the rafter width with a minimum 2.5" edge distance. Rafters should be in a sound structural condition with no sign of rot, decay or pre-existing damages.
(2) The uplift direction is upward perpendicular to the roof surface. The uplift capacity shall be used when the direct supporting rafter has a specific gravity 0.42 or greater
(3) The compression direction is downward perpendicular to the roof surface.
(4) The allowable lateral capacity is applicable when the vertical face of the L bracket is normal or parallel to the rafter.
(5) Deviation reflects the variance of the highest or the lowest test value from the group mean for the respective loading direction.
(6) Safety Factor is associated with respective failure mode recorded and determined per ASM-2015, NDS-2018 and ASTM-7147
(7) The Allowable Capacity is equal to the Average Peak Failure Load divided by its safety factor.

Sincerely,

Matthew S Kuzila, PE
Structural Engineer

REGISTERED PROFESSIONAL ENGINEER
GANG XUAN
NO. 6504
STRUCTURAL
STATE OF CALIFORNIA

Date:
2021.04.01
18:49:35 -07'00'

Gang Xuan, SE
Senior Structural Engineer

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www.ecofastensolar.com | info@ecofastensolar.com

Maximum Rail Spans (Inches)

ClickFit Rail 450124 (RCV003) Flush-Mount on 0 to 30 Foot Roof – L-Foot – 60-Cell

Maximum Rail Spans (inches)

ClickFit Rail 450124 (REVX01) Flush-Mount on 0 to 30 Foot Roof – L-Foot – 60-Cell

Ground Snow Load	Exposure Category	Panel Angle	Wind Speed →	[illegible] mph							[illegible] mph							[illegible] mph							[illegible] mph							[illegible] mph							[illegible] mph						
			Roof Zone →	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
0 psf	B	0 to 7	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		7 to 20	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		20 to 27	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		27 to 45	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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		45 to 60	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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	C	0 to 7	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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		7 to 20	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		20 to 27	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		27 to 45	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		45 to 60	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	D	0 to 7	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		7 to 20	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		20 to 27	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		27 to 45	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		45 to 60	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	B	0 to 7	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		7 to 20	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		20 to 27	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		27 to 45	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		45 to 60	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	C	0 to 7	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		7 to 20	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		20 to 27	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		27 to 45	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		45 to 60	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	D	0 to 7	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		7 to 20	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		20 to 27	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		27 to 45	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		45 to 60	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	B	0 to 7	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		7 to 20	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		20 to 27	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		27 to 45	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		45 to 60	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	C	0 to 7	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		7 to 20	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		20 to 27	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		27 to 45	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		45 to 60	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	D	0 to 7	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		7 to 20	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		20 to 27	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		27 to 45	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		45 to 60	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Maximum Rail Spans (Inches) | ClickFit Rail 450124 (REV X01) Flush-Mount on 0 to 30 Foot Roof — L-Foot — 60-Cell

Maximum Rail Spans (inches)				ClickFit Rail 450124 (REV003) Flush-Mount on 0 to 30 Foot Roof – L-Foot – 60-Cell																																									
Ground Snow Load	Exposure Category	Roof Angle	Wind Speed →	[illegible]							[illegible]							[illegible]							[illegible]							[illegible]							[illegible]						
			Roof Zone →	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
15 psf	B	0 to 7	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		7 to 20	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		20 to 27	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		27 to 45	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		45 to 60	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	C	0 to 7	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		7 to 20	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		20 to 27	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		27 to 45	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		45 to 60	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	D	0 to 7	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		7 to 20	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		20 to 27	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		27 to 45	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		45 to 60	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20 psf	B	0 to 7	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		7 to 20	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		20 to 27	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		27 to 45	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		45 to 60	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	C	0 to 7	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		7 to 20	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		20 to 27	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		27 to 45	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		45 to 60	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	D	0 to 7	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		7 to 20	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		20 to 27	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		27 to 45	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		45 to 60	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
25 psf	B	0 to 7	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		7 to 20	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		20 to 27	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		27 to 45	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		45 to 60	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	C	0 to 7	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		7 to 20	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		20 to 27	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		27 to 45	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		45 to 60	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	D	0 to 7	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		7 to 20	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		20 to 27	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		27 to 45	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		45 to 60	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Maximum Rail Spans (inches)

ClickFit Rail 450124 (REVX03) Flush-Mount on 0 to 30 Foot Roof – L-Foot – 60-Cell

Ground Snow Load	Exposure Category	Roof Zone	Array Edge	10 mph	20 mph	30 mph	40 mph	50 mph	60 mph	70 mph	80 mph	90 mph	100 mph	110 mph	120 mph
30 psf	B	0 to 7	Array Interior	84	84	84	84	84	84	84	84	84	84	84	84
			Array Edge	84	84	84	84	84	84	84	84	84	84	84	84
		7 to 20	Array Interior	72	72	72	72	72	72	72	72	72	72	72	72
			Array Edge	72	72	72	72	72	72	67	72	72	72	72	72
		20 to 27	Array Interior	72	72	72	72	72	72	72	72	72	72	72	72
			Array Edge	72	72	72	72	72	72	72	72	72	72	72	72
		27 to 45	Array Interior	83	83	83	83	83	83	83	83	83	83	83	83
			Array Edge	83	83	83	83	83	83	83	83	83	83	83	83
		45 to 60	Array Interior	90	90	90	90	90	90	90	90	90	90	90	90
			Array Edge	90	90	90	90	90	90	90	90	90	90	90	90
	C	0 to 7	Array Interior	68	68	68	68	68	68	68	68	68	68	68	68
			Array Edge	68	68	68	68	68	68	68	68	68	68	68	68
		7 to 20	Array Interior	72	72	72	72	72	72	72	72	72	72	72	72
			Array Edge	72	72	72	72	72	72	72	72	72	72	72	72
		20 to 27	Array Interior	72	72	72	72	72	72	72	72	72	72	72	72
			Array Edge	72	72	72	72	72	72	72	72	72	72	72	72
		27 to 45	Array Interior	72	72	72	72	72	72	72	72	72	72	72	72
			Array Edge	72	72	72	72	72	72	72	72	72	72	72	72
		45 to 60	Array Interior	87	87	87	87	87	87	87	87	87	87	87	87
			Array Edge	87	87	87	87	87	87	87	87	87	87	87	87
	D	0 to 7	Array Interior	68	68	68	68	68	68	68	68	68	68	68	68
			Array Edge	68	68	68	68	68	68	68	68	68	68	68	68
		7 to 20	Array Interior	72	72	72	72	72	72	72	72	72	72	72	72
			Array Edge	72	72	72	72	72	72	72	72	72	72	72	72
		20 to 27	Array Interior	72	72	72	72	72	72	72	72	72	72	72	72
			Array Edge	72	72	72	72	72	72	72	72	72	72	72	72
		27 to 45	Array Interior	83	83	83	83	83	83	83	83	83	83	83	83
			Array Edge	83	83	83	83	83	83	83	83	83	83	83	83
		45 to 60	Array Interior	90	90	90	90	90	90	90	90	90	90	90	90
			Array Edge	90	90	90	90	90	90	90	90	90	90	90	90
25 psf	B	0 to 7	Array Interior	84	84	84	84	84	84	84	84	84	84	84	84
			Array Edge	84	84	84	84	84	84	84	84	84	84	84	84
		7 to 20	Array Interior	72	72	72	72	72	72	72	72	72	72	72	72
			Array Edge	72	72	72	72	72	72	72	72	72	72	72	72
		20 to 27	Array Interior	72	72	72	72	72	72	72	72	72	72	72	72
			Array Edge	72	72	72	72	72	72	72	72	72	72	72	72
		27 to 45	Array Interior	83	83	83	83	83	83	83	83	83	83	83	83
			Array Edge	83	83	83	83	83	83	83	83	83	83	83	83
		45 to 60	Array Interior	90	90	90	90	90	90	90	90	90	90	90	90
			Array Edge	90	90	90	90	90	90	90	90	90	90	90	90
	C	0 to 7	Array Interior	68	68	68	68	68	68	68	68	68	68	68	68
			Array Edge	68	68	68	68	68	68	68	68	68	68	68	68
		7 to 20	Array Interior	72	72	72	72	72	72	72	72	72	72	72	72
			Array Edge	72	72	72	72	72	72	72	72	72	72	72	72
		20 to 27	Array Interior	72	72	72	72	72	72	72	72	72	72	72	72
			Array Edge	72	72	72	72	72	72	72	72	72	72	72	72
		27 to 45	Array Interior	72	72	72	72	72	72	72	72	72	72	72	72
			Array Edge	72	72	72	72	72	72	72	72	72	72	72	72
		45 to 60	Array Interior	87	87	87	87	87	87	87	87	87	87	87	87
			Array Edge	87	87	87	87	87	87	87	87	87	87	87	87
	D	0 to 7	Array Interior	68	68	68	68	68	68	68	68	68	68	68	68
			Array Edge	68	68	68	68	68	68	68	68	68	68	68	68
		7 to 20	Array Interior	72	72	72	72	72	72	72	72	72	72	72	72
			Array Edge	72	72	72	72	72	72	72	72	72	72	72	72
		20 to 27	Array Interior	72	72	72	72	72	72	72	72	72	72	72	72
			Array Edge	72	72	72	72	72	72	72	72	72	72	72	72
		27 to 45	Array Interior	83	83	83	83	83	83	83	83	83	83	83	83
			Array Edge	83	83	83	83	83	83	83	83	83	83	83	83
		45 to 60	Array Interior	90	90	90	90	90	90	90	90	90	90	90	90
			Array Edge	90	90	90	90	90	90	90	90	90	90	90	90
20 psf	B	0 to 7	Array Interior	84	84	84	84	84	84	84	84	84	84	84	84
			Array Edge	84	84	84	84	84	84	84	84	84	84	84	84
		7 to 20	Array Interior	72	72	72	72	72	72	72	72	72	72	72	72
			Array Edge	72	72	72	72	72	72	72	72	72	72	72	72
		20 to 27	Array Interior	72	72	72	72	72	72	72	72	72	72	72	72
			Array Edge	72	72	72	72	72	72	72	72	72	72	72	72
		27 to 45	Array Interior	83	83	83	83	83	83	83	83	83	83	83	83
			Array Edge	83	83	83	83	83	83	83	83	83	83	83	83
		45 to 60	Array Interior	90	90	90	90	90	90	90	90	90	90	90	90
			Array Edge	90	90	90	90	90	90	90	90	90	90	90	90
	C	0 to 7	Array Interior	68	68	68	68	68	68	68	68	68	68	68	68
			Array Edge	68	68	68	68	68	68	68	68	68	68	68	68
		7 to 20	Array Interior	72	72	72	72	72	72	72	72	72	72	72	72
			Array Edge	72	72	72	72	72	72	72	72	72	72	72	72
		20 to 27	Array Interior	72	72	72	72	72	72	72	72	72	72	72	72
			Array Edge	72	72	72	72	72	72	72	72	72	72	72	72
		27 to 45	Array Interior	72	72	72	72	72	72	72	72	72	72	72	72
			Array Edge	72	72	72	72	72	72	72	72	72	72	72	72
		45 to 60	Array Interior	87	87	87	87	87	87	87	87	87	87	87	87
			Array Edge	87	87	87	87	87	87	87	87	87	87	87	87
	D	0 to 7	Array Interior	68	68	68	68	68	68	68	68	68	68	68	68
			Array Edge	68	68	68	68	68	68	68	68	68	68	68	68
		7 to 20	Array Interior	72	72	72	72	72	72	72	72	72	72	72	72
			Array Edge	72	72	72	72	72	72	72	72	72	72	72	72
		20 to 27	Array Interior	72	72	72	72	72	72	72	72	72	72	72	72
			Array Edge	72	72	72	72	72	72	72	72	72	72	72	72
		27 to 45	Array Interior	83	83	83	83	83	83	83	83	83	83	83	83
			Array Edge	83	83	83	83	83	83	83	83	83	83	83	83
		45 to 60	Array Interior	90	90	90	90	90	90	90	90	90	90	90	90
			Array Edge	90	90	90	90	90	90	90	90	90	90	90	90

Maximum Rail Spans (inches)

ClickFit Rail 450124 (REVX03) Flush-Mount on 0 to 30 Foot Roof – L-Foot – 60-Cell

Ground Snow Load	Exposure Category	Roof Angle	Wind Speed →	[illegible]							[illegible]							[illegible]							[illegible]							[illegible]							[illegible]						
			Roof Zone →	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
30 psf	B	0 to 7	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		7 to 20	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		20 to 27	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		27 to 45	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		45 to 60	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	C	0 to 7	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		7 to 20	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		20 to 27	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		27 to 45	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		45 to 60	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	D	0 to 7	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		7 to 20	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		20 to 27	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		27 to 45	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		45 to 60	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
35 psf	B	0 to 7	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		7 to 20	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		20 to 27	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		27 to 45	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		45 to 60	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	C	0 to 7	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		7 to 20	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		20 to 27	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		27 to 45	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		45 to 60	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	D	0 to 7	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		7 to 20	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		20 to 27	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		27 to 45	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		45 to 60	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
45 psf	B	0 to 7	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		7 to 20	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		20 to 27	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		27 to 45	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		45 to 60	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	C	0 to 7	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		7 to 20	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		20 to 27	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		27 to 45	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		45 to 60	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	D	0 to 7	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		7 to 20	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		20 to 27	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		27 to 45	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		45 to 60	Array Interior	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			Array Edge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Maximum Rail Spans (Inches)

ClickFit Rail 450124 (REVX03) Flush-Mount on 0 to 30 Foot Roof – L-Foot – 60-Cell

Maximum Rail Spans (Inches)

ClickFit Rail 450124 (REVX03) Flush-Mount on 0 to 30 Foot Roof – L-Foot – 60-Cell

BOARD ACTION FORM

AGENDA DATE
PZHAC: September 6, 2022 **BOT:** September 26, 2022

ITEM: Sign Permit #061448 – 2309 Calle de San Albino #3 submitted by Marshall McGinley to put up temporary coming soon sign in the window, **Zoned: Historical Commercial (HC)**

BACKGROUND AND ANALYSIS: The applicant proposes to put up temporary sign for window at this location that reads NM Cowboy Cannabis as per illustration in your packet.
This application and all supporting documents were reviewed and approved by Architectural Styles Committee and PZHAC.
It is determined that the proposed sign application is acceptable and meets all applicable Town codes, the application should continue based on finding stated below.

MUNICIPAL TOWN CODE:
This application falls under the ordinance MTC Chapter 18.65 Signs

SUPPORTING INFORMATION:
- Application
- Temporary sign design and color

PZHAC ACTION:
Applicant has met all request asked by the PZHAC to move this application forward. The vote of the PZHAC was 5-0

BOT OPTIONS:
The Board of Trustees may:
1. Recommend approval of this case with findings stated above.
2. Recommend approval of this case with findings stated above and conditions.
3. Deny the application.

#061448

Town of Mesilla
P.O. BOX 10
MESILLA, NM 88046
PHONE: (575) 524-3262 FAX (575) 541-6327

SIGN PERMIT

Application Date: August 8, 2022

NM Cannabis Cowboy	Marshall McGinley
Name of Business	**Name of Applicant**
2309 Calle de San Albino #3	PO Box 782
Address of Business	**Address of Applicant**
Mesilla / nm / 88046	Mesilla / nm / 88046
City / State / Zip	**City / State / Zip**
575-523-9333 business	575-993-0336 cell
Telephone Number	**Alternate Telephone Number**

Location and description of Sign:
(include dimensions, lettering, shape, material, texture, colors, and/or finish to be used. Attach a drawing of the location of the sign, including any other advertising structures on the building or lot.)

24" x 36" posters located inside the front door + side window. See logo for sign attached.

For Office Use Only

Administrative Approval:
PZHAC Approval:
BOT Approval:

Permit Fee: NONE per 18.65.100
Date of Payment:
CASE NUMBER: 061448

CANNABIS COWBOY

NEW MEXICO

BOARD ACTION FORM

AGENDA DATE
PZHAC: September 6, 2022 **BOT:** September 26, 2022

ITEM: **Sign Permit #061449** – 2309 Calle de San Albino #3 submitted by Marshall McGinley to put up sign mounted above sidewalk, **Zoned: Historical Commercial (HC)**

BACKGROUND AND ANALYSIS: The applicant proposes to put up sign at this location that reads NM Cowboy Cannabis as per illustration in your packet.
This application and all supporting documents were reviewed and approved by Architectural Styles Committee and PZHAC.
It is determined that the proposed sign application is acceptable and meets all applicable Town codes, the application should continue based on finding stated below.

MUNICIPAL TOWN CODE:
This application falls under the ordinance MTC Chapter 18.65 Signs

SUPPORTING INFORMATION:
- Application
- sign design and color

PZHAC ACTION:
Applicant has met all request asked by the PZHAC to move this application forward. The vote of the PZHAC was 5-0

BOT OPTIONS:
The Board of Trustees may:
1. Recommend approval of this case with findings stated above.
2. Recommend approval of this case with findings stated above and conditions.
3. Deny the application.

#061449

Town of Mesilla
P.O. BOX 10
MESILLA, NM 88046
PHONE: (575) 524-3262 FAX (575) 541-6327

SIGN PERMIT

Application Date: August 18, 2022

NM Cannabis Cowboy **Name of Business**	Marshall McGinley **Name of Applicant**
2309 Calle de San Albino #3 **Address of Business**	PO Box 782 **Address of Applicant**
Mesilla / NM / 88046 **City / State / Zip**	Mesilla / NM / 88046 **City / State / Zip**
575-523-9333 business **Telephone Number**	575-993-0336 applicant **Alternate Telephone Number**

Location and description of Sign:
(include dimensions, lettering, shape, material, texture, colors, and/or finish to be used. Attach a drawing of the location of the sign, including any other advertising structures on the building or lot.)

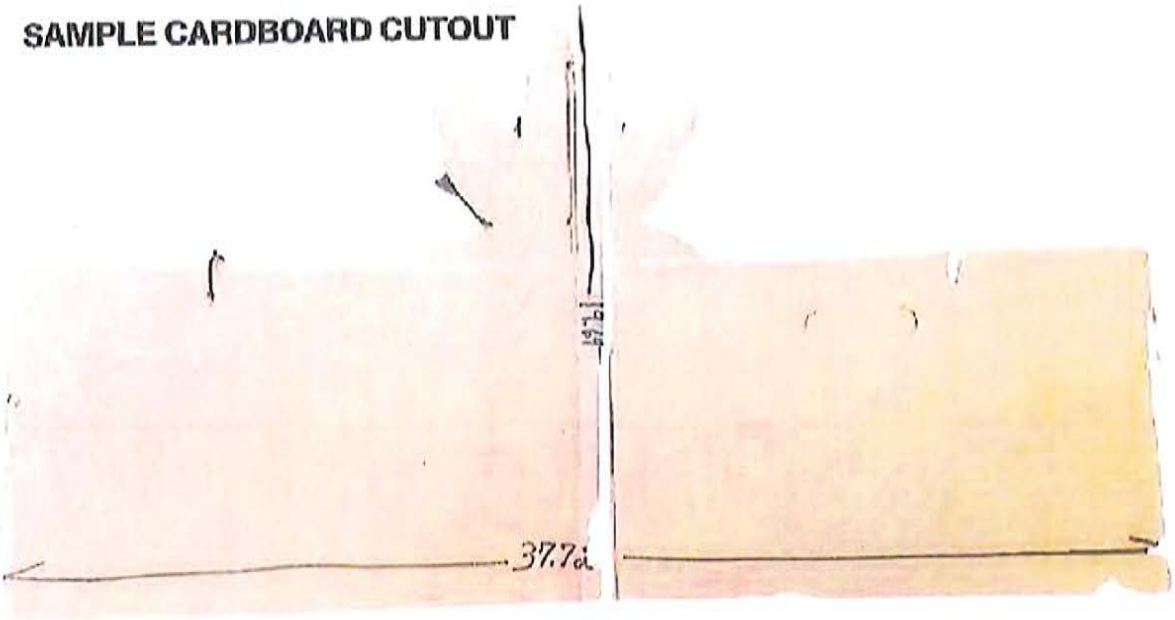
Proposing a two-sided "projecting sign" as defined by Ordinance 18.65.150 in the Municipal Codes that will hang from an existing metal structure used by prior tenants. Total measurements are: 19.60" max height by 37.72" max width; however, there are cutouts on the top left and right of the sign thus reducing the overall sign "mass" to be less than 5'. Also see attached images showing the sign meets/exceeds the 7' clearance requirement from the sidewalk.
Materials: Hand-carved ash wood with black paint used for "Cannabis Cowboy." The leaf, rope edge around all 4 sides, and "New Mexico" to be painted "cilantro green" (swatched included) whereas the remainder of the sign will show the hand-carved wood in its natural state, sealed with a clear varnish for weather protection. Please see all attachments.

For Office Use Only

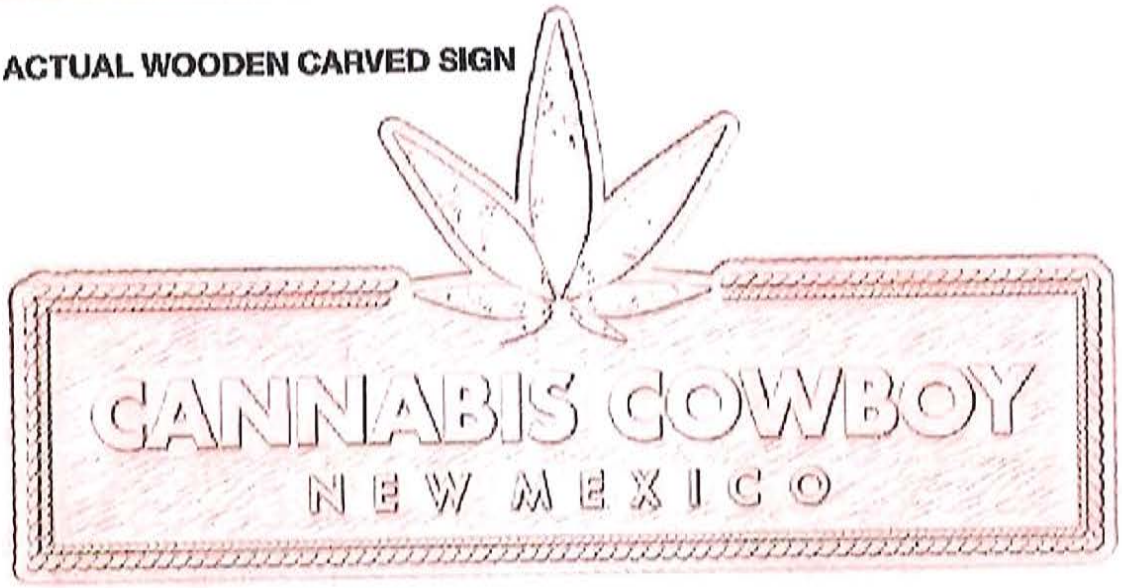
Administrative Approval:_____
PZHAC Approval:_____
BOT Approval:_____

Permit Fee: $9.76
Date of Payment:_____
CASE NUMBER: 061449

SAMPLE CARDBOARD CUTOUT



ACTUAL WOODEN CARVED SIGN

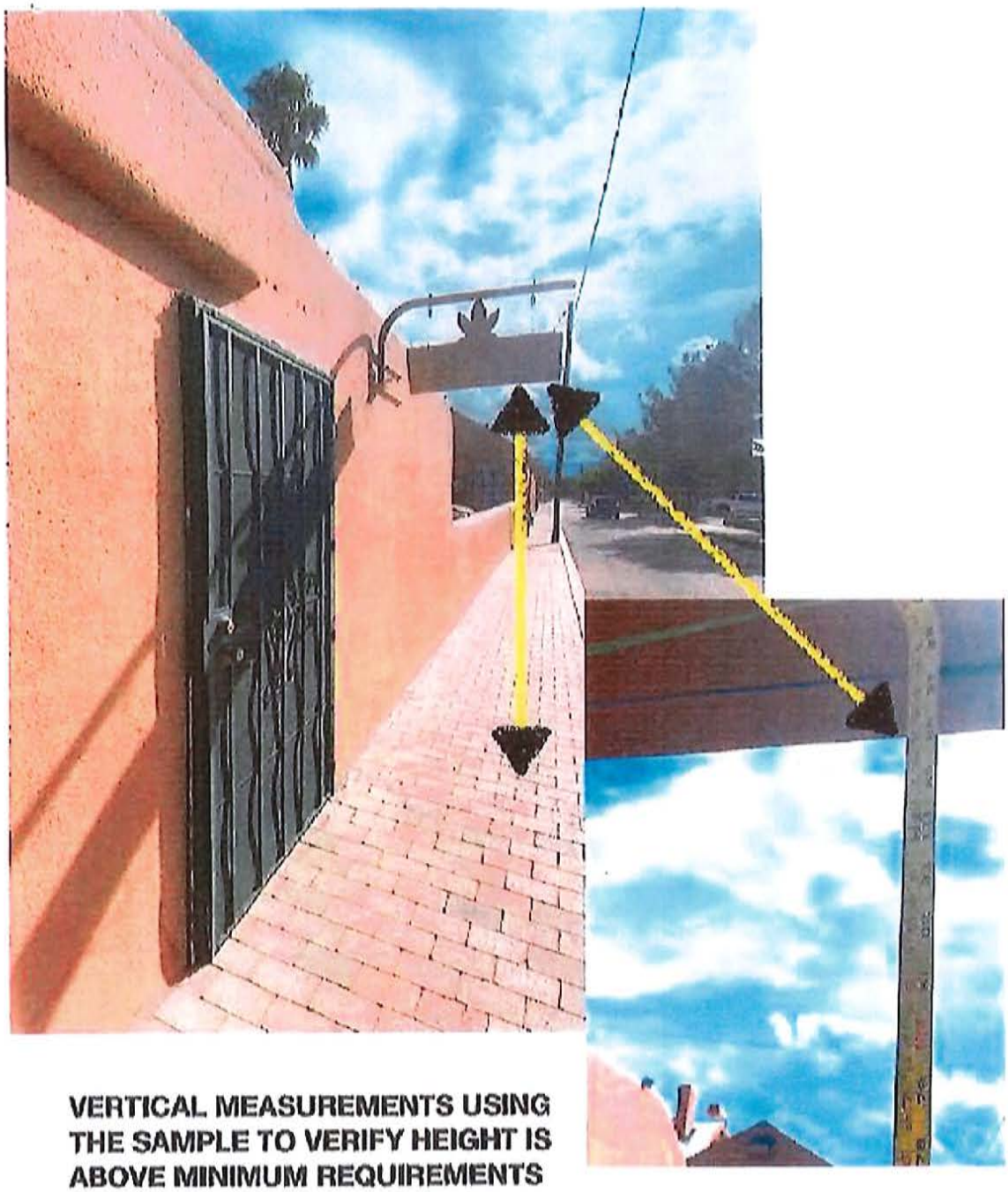


COLORS USED WHERE NATUAL WOOD ISN'T EXPOSED- BLACK AND GREEN ONLY - NO WHITE USED.

CANNABIS COWBOY

NEW MEXICO

SW 6458
Cilantro
Interior / Exterior
Location Number: 158-C6



VERTICAL MEASUREMENTS USING THE SAMPLE TO VERIFY HEIGHT IS ABOVE MINIMUM REQUIREMENTS

7 FEET 2 INCHES OF CLEARANCE

BOARD ACTION FORM

AGENDA DATE
PZHAC: September 6, 2022 **BOT:** September 26, 2022

ITEM: PZHAC Case #061451 –1901 submitted by Brittany Bloch to build/add new dwelling at this address, Zoned: **Historical Commercial (HC)**

BACKGROUND AND ANALYSIS: The applicant proposes to build new dwelling a at this location as per site plan design.
This application and all supporting documents were reviewed and approved by Architectural Styles Committee and PZHAC.
It is determined that the proposed application is acceptable and meets all applicable Town codes, the application should continue based on finding stated below.

MUNICIPAL TOWN CODE:
This application falls under the ordinance MTC Chapter(s) 13.10, 15.15 and 18.60

SUPPORTING INFORMATION:
- Application
- Architect Stamped Site Plan & Design

PZHAC ACTION:
Applicant has met all request asked by the PZHAC to move this application forward. The vote of the PZHAC was 4-1 abstain

BOT OPTIONS:
The Board of Trustees may:
1. Recommend approval of this case with findings stated above.
2. Recommend approval of this case with findings stated above and conditions.
3. Deny the application.

TOWN OF MESILLA

APPLICATION FOR BUILDING PERMIT

Permit Fee $ 2569.00
Review Fee $ 274.00
Total Fee $ 2843.00

2231 Avenida de Mesilla, P.O. Box 10, Mesilla, NM 88046 (575) 524-3262 ext. 104

CASE NO. 061451 ZONE: HC CODE: AD APPLICATION DATE: 8-18-22

Brittany Bloch — Name of Property Owner

575-526-1590 — Property Owner's Telephone Number

439 LINDA VISTA RD — Property Owner's Mailing Address

LAS CRUCES — City

NM — State

88005 — Zip Code

FREYSA2012@2040.com — Property Owner's E-mail Address

Noble Builders Inc. Johnny Talley — Contractor's Name & Address (If none, indicate Self)

575-312-3593 — Contractor's Telephone Number

82-0716715 — Contractor's Tax ID Number

391387 — Contractor's License Number

Address of Proposed Work: 1901 CALLE DE CORREO

Description of Proposed Work: Complete phase 2 of the Black Rat Tattoo project that was previously approved

THIS APPLICATION SHALL INCLUDE ALL OF THE FOLLOWING Plan sheets are to be no larger than 11 x 17 inches or shall be submitted electronically.

1. ✓ Plot plan with legal description to show existing structures, adjoining streets, driveway(s), improvements & setbacks. Verification shall show that the lot was LEGALLY subdivided through the Town of Mesilla or that the lot has been in existence prior to February 1972.
2. ✓ Site Plan with dimensions and details.
3. ✓ Foundation plan with details.
4. ✓ Floor plan showing rooms, their uses, and dimensions.
5. ✓ Cross section of walls.
6. ✓ Roof and floor framing plan.
7. ___ Proof of legal access to the property.
8. ✓ Drainage plan.
9. ✓ Details of architectural style and color scheme (checklist included for Historical zones) – diagrams and elevations.
10. ___ Proof of sewer service or a copy of septic tank permit; proof of water service (well permit or statement from the Public Utility providing water services).
11. ___ Proof of legal access to the property.
12. ✓ Other information as necessary or required by the Town Code or Community Development Department.

$175,858.00 — Estimated Cost

Signature of Applicant

17 Aug 2022 — Date

Application Fee is due at time of submittal. Apart from administrative approvals, all permit requests must undergo a review process from staff, PZHAC and/or BOT before issuance of a building permit. All Building permits expire after one year from date issued.

FOR OFFICIAL USE ONLY

PZHAC ☐ Administrative Approval
☐ Approved Date: _____
☐ Disapproved Date: _____
☐ Approved with conditions

BOT ☐ Approved Date: _____
☐ Disapproved Date: _____
☐ Approved with Conditions

PZHAC APPROVAL REQUIRED: ✓ YES ___ NO BOT APPROVAL REQUIRED: ✓ YES ___ NO

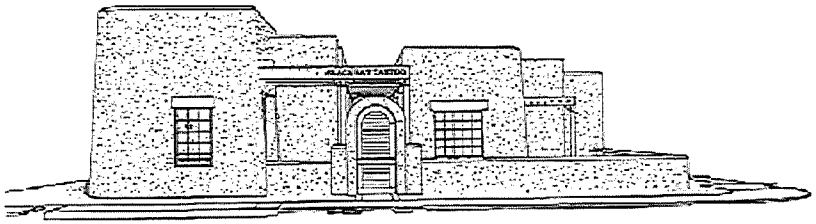
CID PERMIT/INSPECTION REQUIRED: ✓ YES ___ NO ___ SEE CONDITIONS

CONDITIONS: _____

PERMISSION ISSUED / DENIED BY: _____ ISSUE DATE: _____

Rev 05.27.22

BLACK RAT TATTOO
PHASE 2



OWNER:

BRITTANY ELLOCH

CONSULTANTS:

CIVIL ENGINEERING (OFF-SITE UTILITIES)

PILLAR ENGINEERING LLC
[illegible]
LAS CRUCES, NM [illegible]
P: [illegible]

CONTACT: MARTIN PILLAR, PE

STRUCTURAL ENGINEERING CONSULTANT

CAPPERON ENGINEERING

JASON CAPPERON
P: [illegible]

MECHANICAL, ELECTRICAL, PLUMBING

RAMS ENGINEERING
[illegible]
EL PASO, TX, 79903
P: [illegible]

CONTACT: JESSE MORALES

ARCHITECT:

DESERT PEAK ARCHITECTS, INC

[illegible] SOUTH MAIN STREET
LAS CRUCES, NM [illegible]

P: [illegible]

CONTACT: JOSEPH PASSMILLER

DRAWING INDEX

PHASING SCHEDULE

PHASE 1 ALL PORTIONS OF THE TATTOO STUDIO ARE TO BE INCORPORATED INTO PHASE 1 OF THE PROJECT. ADDITIONALLY, PHASE ONE OF THE PROJECT SITE INCLUDES:

- THE LATA SHACK STRUCTURE ADJACENT TO THE TATTOO STUDIO
- ALL UTILITY CONNECTIONS INCLUDING UTILITY STUB-OUT TO THE RESIDENTIAL PORTION
- ARCHED ENTRANCE, WOODEN GATE AND CMU SITE WALL TO THE EXTENT IDENTIFIED ON THE PLAN.
- SITE GRADING
- GRAVEL PARKING LOT AND ROAD. (ASPHALT)

PHASE 2 ALL PORTIONS OF THE RESIDENTIAL AIR BNB AS IDENTIFIED BY THE DASHED LINE ON THE PLAN. PHASE 2 OF THE PROJECT IS TO INCLUDE:

- SLAB FOR RESIDENTIAL AIR BNB
- UTILITY CONNECTIONS INCLUDING METERED ELECTRICAL SERVICE FOR THE AIR BNB
- CONCRETE PAVING TO THE ENTRANCE OF THE AIR BNB AND SIDEWALK ALONG CALLE DE CORREO
- THE LATA SHACK STRUCTURE ABOVE THE ENTRY OF THE AIR BNB
- EXTENSION OF THE CMU SITE WALL AND WOODEN GATE AS IDENTIFIED ON THE PLAN.
- PAVERS TO MAKE FOR THE RESIDENTIAL PARKING SPACE
- REMAINING SITE GRADING
- WOODEN GATE AND CMU SITE WALL TO THE EXTENT IDENTIFIED ON THE PLAN.

DESIGN CODES

2015 INTERNATIONAL BUILDING CODE
2015 NM COMMERCIAL CODES
2015 NM RESIDENTIAL BUILDING CODE
2012 UNIFORM PLUMBING CODE
2015 NM PLUMBING CODE
2015 NM MECHANICAL CODE
2017 NM ELECTRICAL CODE
2009 INTERNATIONAL ENERGY CONSERVATION CODE
2009 NM ENERGY CONSERVATION CODE
2015 INTERNATIONAL FIRE CODE

MATERIAL LEGEND

CUT / SECTION

- CONCRETE
- EARTH
- [illegible]
- [illegible]
- [illegible]
- INSULATION

PROJECTION / PLAN / ELEVATION

- [illegible]
- GRAVEL
- [illegible]
- [illegible]

SYMBOL LEGEND

ELEVATION SYMBOLS

DIMENSIONS

BUILDING SECTION SYMBOL

WALL SECTION SYMBOL

WINDOW / DOOR TAG SYMBOLS

DETAIL SYMBOL

WALL TAG SYMBOL

KEYNOTE SYMBOL

Room name

CEILING TAG SYMBOL

SPOT DIMENSIONS

BLACK RAT TATTOO
1001 CALLE DE CORREO,
MESILLA, NM 88046

DESIGN PEAK ARCHITECTS P.C.
[illegible]
LAS CRUCES
[illegible]
P: [illegible]

STATE OF NEW MEXICO
REGISTERED ARCHITECT

PROJECT NO.
400-01

SHEET TITLE
COVER SHEET

SHEET NO.
G001

PLUMBING REQUIREMENTS:

(IBC 2012 CHAPTER 29 TABLE 2902.1)

BUSINESS PLUMBING REQUIREMENTS:

OCCUPANCY B (BUSINESS)

TOTAL OCCUPANT LOAD (B) = 3 WOMEN
2 MEN

TYPE	REQUIRED		PROVIDED	
	W.C.	LAV.	W.C.	LAV.
MEN	1	1	1	1
WOMEN	1	1	1	1

PER IBC SECTION 2902.3 EXCEPTION 2 – TENANT FACILITIES SHALL NOT BE REQUIRED IN STRUCTURES OR TENANT SPACES WITH A TOTAL OCCUPANT LOAD OF 15 OR FEWER.

PER IBC SECTION 2902.3 – DRINKING FOUNTAINS SHALL NOT BE REQUIRED FOR AN OCCUPANT LOAD OF 15 OR FEWER.

PER IBC TABLE 2902.1 – FOR BUSINESS AND MERCANTILE OCCUPANCIES WITH AN OCCUPANT LOAD OF 15 OR FEWER, SERVICE SINKS SHALL NOT BE REQUIRED IF ONE SINK PROVIDED.

RESIDENTIAL PLUMBING REQUIREMENTS:

OCCUPANCY R-3 (RESIDENTIAL)

TOTAL OCCUPANT LOAD (R)

REQUIRED			PROVIDED		
W.C.	LAV.	SHOWER	W.C.	LAV.	SHOWER
1	1	1	1	1	1

1 KITCHEN SINK AND 1 AUTOMATIC CLOTHES WASHER CONNECTION FOR UNIT IS REQUIRED

1 KITCHEN SINK PROVIDED, 1 CLOTHES WASHER CONNECTION PROVIDED

PROJECT INFORMATION

PROJECT INFORMATION

IN EXISTING BUILDING

Per IBC 2012 - 304.1
OCCUPANCY CLASSIFICATION - MIXED USE (BUSINESS (B) AND RESIDENTIAL (R-3))

OPENING THE PROPOSED COMMERCIAL
- BOTH THE PLANNING AND ZONING COMMISSION HAD THE BOARD OF TRUSTEES FROM THE TOWN OF MESILLA NEW APPROVED THE PROPOSED USED OF A TATTOO STUDIO AND ART GALLERY FOR THE FACILITY.

CONSTRUCTION TYPE - VB
SPRINKLERED: NO* - CAPTAIN GREG WHITE, FIRE MARSHAL OF THE MESILLA FIRE DEPARTMENT HAS CONFIRMED THAT A SPRINKLER SYSTEM WILL NOT BE REQUIRED.

TOTAL GSF: 1,355 GSF
GSF OF RESIDENTIAL: 815 GSF
GSF OF COMMERCIAL: 540 GSF

CODE REVIEW

OCCUPANT LOAD FACTOR - Per IBC 2012 1004.1.2

BUSINESS AREA 250 - 100 GSF/OCCUPANT
BUSINESS AREA OCCUPANT LOAD: 540 GSF/100 = 5 OCCUPANTS
RESIDENTIAL AREA (R-3) - 200 GSF/OCCUPANT
RESIDENTIAL AREA OCCUPANT LOAD: 815 GSF/200 = 5 OCCUPANTS
TOTAL NUMBER OF OCCUPANTS: 10

GENERAL BUILDING HEIGHTS AND AREAS - Per IBC 2012 – TABLES 504.3, 504.4, 506.2

- ALLOWABLE BUILDING HEIGHT IN FEET ABOVE GRADE PLANE:
  - TYPE VB RESIDENTIAL (NON-SPRINKLED): 40'
  - ACTUAL RESIDENTIAL BUILDING HEIGHT IN FEET ABOVE GRADE PLANE: 14'-6"
  - TYPE VB BUSINESS (NON-SPRINKLED): 40'
  - ACTUAL BUSINESS BUILDING HEIGHT IN FEET ABOVE GRADE PLANE: 14'-6"
- ALLOWABLE NUMBER OF STORIES ABOVE GRADE PLANE:
  - TYPE VB (NON-SPRINKLED): 2
  - ACTUAL NUMBER OF STORIES: 1
  - BUSINESS (NON-SPRINKLED): 2
  - ACTUAL NUMBER OF STORIES: 1
  - RESIDENTIAL (NON-SPRINKLED): 2
- ALLOWABLE AREA IN SQUARE FEET:
  - TYPE VB BUSINESS (NON-SPRINKLED): 9,000 SF
  - ACTUAL BUSINESS AREA IN SQUARE FEET: 540 SF
  - TYPE VB RESIDENTIAL (R-3, NON-SPRINKLED): 7,000 SF
  - ACTUAL RESIDENTIAL AREA IN SQUARE FEET: 815 SF

SEPARATION REQUIREMENTS – (IBC 2012)

Per IBC 2012 TABLE 508.4 REQUIRED SEPARATION OF OCCUPANCIES BETWEEN R AND B OCCUPANCIES (NON-SPRINKLERED): 60 HOURS

Per IBC 2012 508.4.4 (APPROPRIATE FIELD): THE FIRE RESISTANCE RATING OF THE SEPARATION BETWEEN BUILDING AREAS SHALL NOT BE LESS THAN 1 HOUR. EXCEPTION 1 (EXCEPTION 1 SMALL BUILDINGS) WITH SECTION 1020.1 - FIRE WALL SEPARATION MUST COMPLY WITH SECTION 706.

PER TABLE 706.4 - FIRE WALL FIRE RESISTANCE RATING BETWEEN OCCUPANCY GROUPS R & B IS 3 HOURS FOR THREE STORIES OR LESS

2 HOUR RATED FIRE WALLS WILL BE PROVIDED WHEN FIRE YARD SETBACKS LESS THAN 10'-0" AND MORE THAN 2'-0"

2 HOUR RATED FIRE WALLS WILL BE PROVIDED ALONG THE HORIZONTAL DIVIDING THE RESIDENTIAL AND BUSINESS ORIGINAL.

PARKING REQUIREMENTS - SECTION 18.66.170 TOWN OF MESILLA ZONING CODE

COMMERCIAL USES: BUSINESSES OR PROFESSIONAL OFFICES SHALL HAVE ONE PARKING SPACE *FOR EACH 400 S.F.OF GROSS FLOOR AREA

TOTAL COMMERCIAL GSF IS: 540 SGF
AMOUNT OF COMMERCIAL PARKING SPACES REQUIRED: 2
AMOUNT OF COMMERCIAL PARKING SPACES PROVIDED: 2 (INCLUDING ONE HANDICAP PARKING SPACE)

RESIDENTIAL USES (STUDIOS): NO BEDROOM SHALL HAVE ONE OFF-STREET PARKING PER UNIT
AMOUNT OF RESIDENTIAL PARKING PROVIDED: 2

MEANS OF EGRESS - Per IBC 2012 CHAPTER 10

MINIMUM REQUIRED EXIT WIDTH
OUTS BY OCCUPANT
- 5 BUSINESS OCCUPANTS X .2 = 1 REQUIRED OUT WIDTH OF 1.0'
  EXIT WIDTH PROVIDED: 36"

PER IBC 2012 SECTION 1010.1:
DOOR LINGS SHALL BE PROVIDED WITH NOT LESS THAN ONE EGRESS DOOR. REQUIRED CLEAR WIDTH = 32", REQUIRED CLEAR HEIGHT = 78"

ONE FOOT 36 DOOR PROVIDED WITH A CLEAR WIDTH OF 36" AND A CLEAR HEIGHT OF 80".

PER IBC 2012 SECTION 1015.1
EVERY HABITABLE ROOM SHALL HAVE NOT LESS THAN ONE OPERABLE EMERGENCY EGRESS AND RESCUE OPENING. NON ORDINO AREA SHALL BE NOT LESS THAN 5.7 SF. THE NOT CLEAR HEIGHT OF THE OPENING SHALL BE NOT LESS THAN 24" AND THEIRS' CLEAR WIDTH SHALL BE NOT LESS THAN 20".

ONE OPERABLE WINDOW PROVIDED IN SLEEPING AREA
WINDOW CLEAR OPENING DIMENSIONS: 30"W X 3'-4"H = 5.7 SF

EXIT CORRIDOR WIDTH REQUIREMENTS - Per IBC 2012 1020.2

OCCUPANCY WITH ALL A SINGLE UNIT = 36" MIN.
OCCUPANCY WITHIN OCCUPANT LOAD OF LESS THAN 50 = 36"

MIN. CORRIDOR WIDTH PROVIDED: 36"

EXIT TRAVEL DISTANCE REQUIREMENTS - Per IBC 2012 1016.2

OCCUPANCY CLASSIFICATION B (NON-SPRINKLED) EXIT TRAVEL DISTANCE

MAX EXIT TRAVEL DISTANCE IN B OCCUPANCY: 150'-0"

OCCUPANCY CLASSIFICATION R (NON-SPRINKLED) = 200'-0" MAX

MAX EXIT TRAVEL DISTANCE IN R OCCUPANCY: 200'-0"

BLACK RAT TATTOO
1901 CALLE DE CORREO,
MESILLA, NM 88046

Rev.	Date	Description

DISKIN PERK ARCHITECTS

DISKIN PERK ARCHITECTS P.C.
2111 N. MAIN STREET
LAS CRUCES
NEW MEXICO 88001
(575) 524-0007

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STATE OF NEW MEXICO
WILLIAM
RICHARD PERK
NO. 10112
REGISTERED ARCHITECT

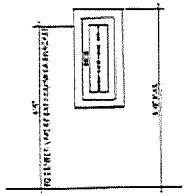
PROJECT NO.
450-01

SHEET TITLE
CODE REVIEW DATA

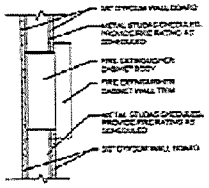
SHEET NO.
G002

ABBREVIATION LEGEND

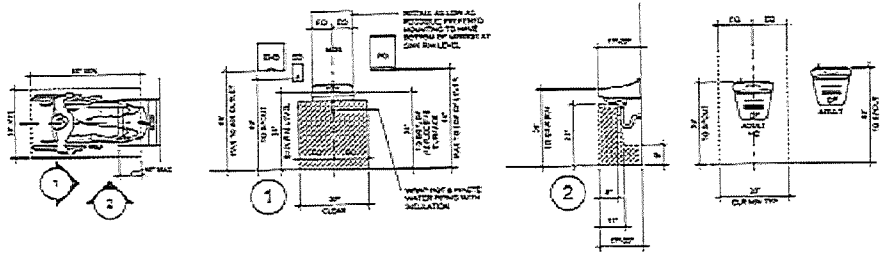
A.F.F.	ABOVE FINISHED FLOOR
B.O.	BODY OPENING
C.C.	CENTER CURTAIN WALL
C.L.	CENTER LINE
CLR.	CLEAR
D.F.	DRINKING FOUNTAIN
F.E.	FIRE EXTINGUISHER
F.E.C.	FIRE EXTINGUISHER CABINET
F.H.	FIRE HYDRANT
F.O.	FIELD OPENING
G.B.	GRAB BAR
H.B.	HOSE BIBB
H.D.	HOSE DOWN
H.M.	HOLLOW METAL
H.R.	HAND RAIL
L.A.	LAVATORY
M.B.	MAIL BOX
M.C.	MEDICINE CABINET
M.D.	MAGAZINE DISPENSER
M.R.	MIRROR
O.H.	OVERHEAD
P.T.	PAPER TOWEL DISPENSER
R.D.	ROOF DRAIN
S.D.	SOAP DISPENSER
S.H.	SHOWER
T.B.	TOILET PAPER DISPENSER
T.D.	TOILET PAPER DISPENSER
T.P.	TOILET PAPER
T.R.	TOWEL RACK
U.L.	UNDERWRITERS LABORATORIES
W.C.	WATER CLOSET
W.H.	WALL HYDRANT



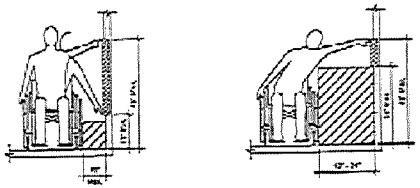
C1 / G003 FEC MOUNTING DETAIL
3/4" = 1'-0"



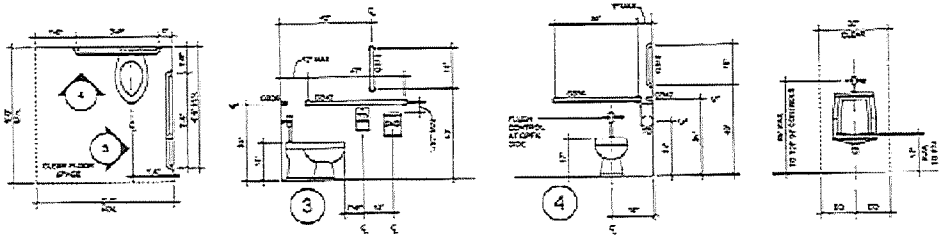
C2 / G003 FIRE EXTINGUISHER CABINET DETAIL
1 1/2" = 1'-0"



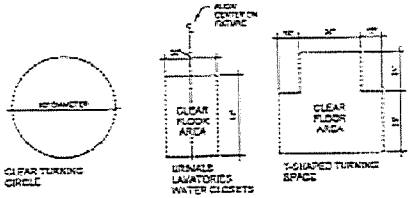
B1 / G003 TYPICAL ADA MOUNTING HEIGHTS (ADULT)
1/2" = 1'-0"



B4 / G003 TYPICAL ADA MOUNTING HEIGHTS (ADULT)
1/2" = 1'-0"



A1 / G003 TYPICAL ADA MOUNTING HEIGHTS (ADULT)
1/2" = 1'-0"



A5 / G003 01 FLOOR AREA DIAGRAMS
3/8" = 1'-0"

BLACK RAT TATTOO
1001 CALLE DE CORREO,
MESILLA, NM 88046

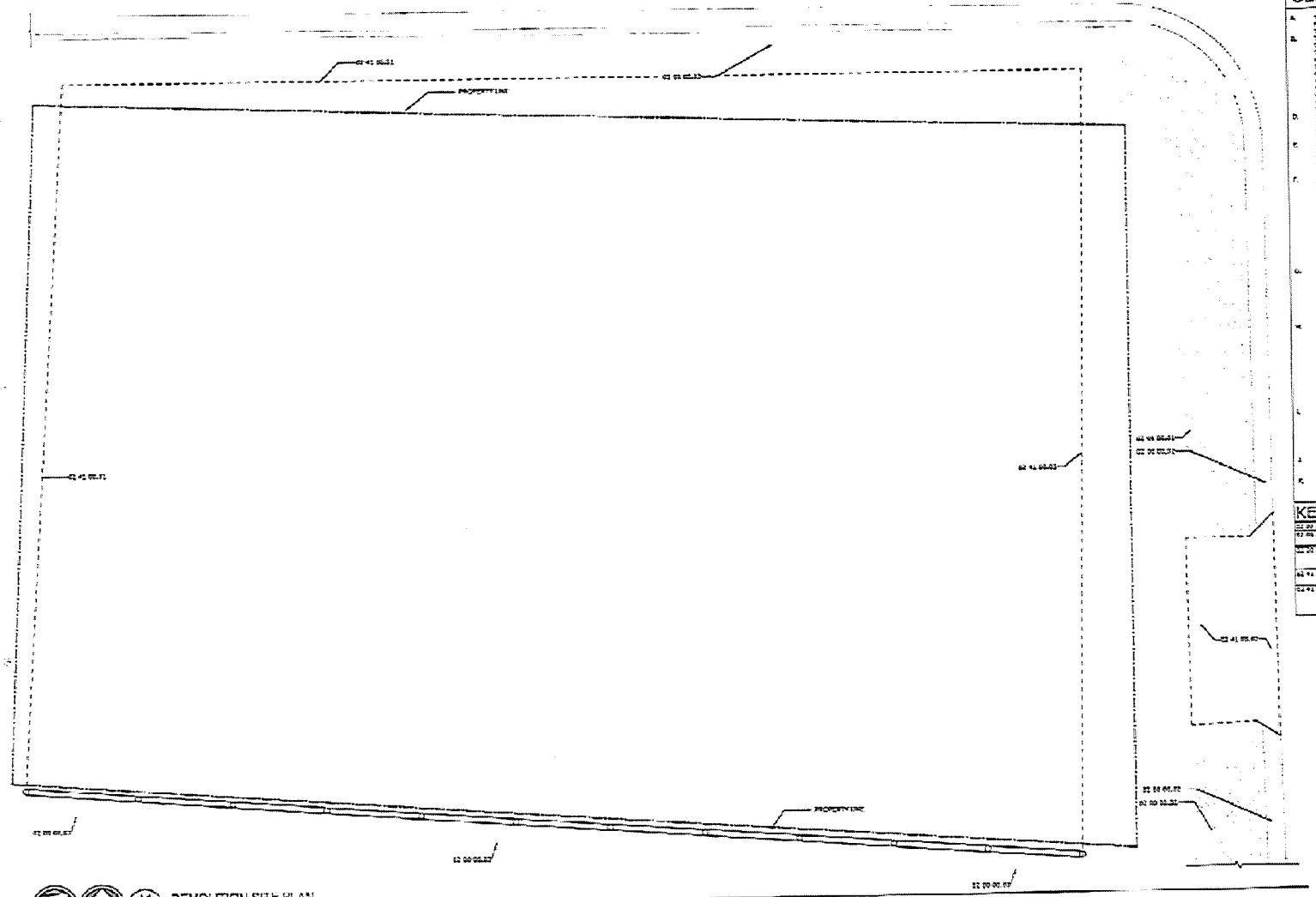
DESERT PEAK ARCHITECTS

STATE OF NEW MEXICO

PROJECT NO.
450-01

ACCESSIBLE MOUNTING HEIGHTS

SHEET NO.
G003



TRUE NORTH
PROJECT NORTH

A1 D100 DEMOLITION SITE PLAN
1/4" = 1'-0"

GENERAL NOTES

A. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE DONE DURING DEMOLITION TO EXISTING CONDITIONS THAT ARE TO REMAIN.
B. THE GENERAL CONTRACTOR SHALL CLEAN ALL DEBRIS FROM LEGEND ON A REGULAR BASIS. THE SITE SHALL BE KEPT CLEAN AT ALL TIMES. WASTE MATERIALS AND RUBBISH FROM DEMOLITION SHALL BE REMOVED FROM THE SITE AS RAPIDLY AS POSSIBLE AND SHALL NOT BE ALLOWED TO ACCUMULATE ON THE PREMISES. DISPOSAL OF MATERIALS WILL BE AT THE DISCRETION OF THE CONTRACTOR. CONTRACTOR TO COORDINATE WITH OWNER FOR STAGING LOCATION FOR TRASH REMOVAL.
C. THE CONTRACTOR IS RESPONSIBLE FOR SUBMITTING APPLICATIONS FOR DEPARTMENT PERMITS REQUIRED FOR THE DEMOLITION OF UTILITIES AS REQUIRED.
D. HAZARDOUS MATERIALS: IT IS NOT EXPECTED THAT HAZARDOUS MATERIALS WILL BE ENCOUNTERED IN THE WORK. CONTRACTOR IS TO STOP WORK AND INFORM THE ARCHITECT AND OWNER UPON DISCOVERY OF HAZARDOUS MATERIALS.
E. TRAFFIC CONTROL: PROVIDING ALL TRAFFIC CONTROL DEVICES, SIGNS AND FLAGS USED DURING THE CONSTRUCTION OF THIS PROJECT SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES LATEST EDITION. THE CONTRACTOR SHALL PREPARE AND SUBMIT FOR APPROVAL BY THE ARCHITECT A TRAFFIC CONTROL PLAN AND PROJECT LOCATOR PRIOR TO COMMENCING THE WORK. THE CONTRACTOR IS RESPONSIBLE FOR WORK ZONE TRAFFIC CONTROL DEVICES, SAFETY BARRICADING, ALL TRAFFIC CONTROL DEVICES, SIGNS, A SAW AND SHALL PROVIDE THE NAME AND PHONE NUMBER OF THE CONTACT PERSON IN THE TOWN OF MESILLA AND THE ARCHITECT.
F. PROVISIONAL ROLLER PATTERN MAINTENANCE: THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING CONDITIONS WITH TRAFFIC BARRICADES, ETC. FOR THE DURATION OF THE PROJECT AND SHALL HAVE PERSONNEL AVAILABLE AT ALL TIMES TO REPAIR BROKEN ROTUNDA SIGNS AND BARRICADES, ETC. THERE WILL BE NO DIRECT COMPENSATION FOR THIS SERVICE.
G. [illegible] ACCESS CLOSURE MUST BE SCHEDULED AT LEAST TWENTY-FOUR (24) HOURS IN ADVANCE WITH PROPERTY OWNERS AND APPROVED BY THE ARCHITECT. ACCESS FOR FIRE PROTECTION AND EMERGENCY SERVICES MUST BE OPEN AT ALL TIMES. SCHEDULE FOR THE RESCAPE OF WORK WILL BE DETERMINED AT THE PRE CONSTRUCTION CONFERENCE. ADDITIONAL OR SUPPLEMENTAL CONSULTING MATERIAL REQUIRED AS THE WORK PROGRESSES AS PROVIDED BY THE ARCHITECT, INTERNAL TRAFFIC THE CONTRACTOR SHALL BE RESPONSIBLE TO DEAL WITH THE PUBLIC INCLUDED THROUGH THE LOCAL NEWSPAPER, FOR THE LIFE OF THE PROJECT, OF THE VARIOUS OPERATIONS AND SPECIFICALLY WHEN LINE CLOSURES OR LAW ENFORCEMENT INFORMATION RELATING TO TRAFFIC MOVEMENT.
H. CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL FOR ANY WORK TAKING PLACE WITHIN THE RIGHT OF WAY OF ANY STREETS OR HIGHWAY. REMOVAL AND RELOCATION OF ANY TRAFFIC DEVICE WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.

KEYNOTE LEGEND

[illegible]	EXISTING BRICK PAVERS TO REMAIN
[illegible]	EXISTING ROUNDED CURB AND GUTTER TO REMAIN
[illegible]	EXISTING TRAM PENCHE ROUNDED PROPERTY LINE TO REMAIN, REPAIR AS REQUIRED
[illegible]	DEMOLISH AND REMOVE EXISTING WOOD FENCE AND HOOK BOLTS
[illegible]	DEMOLISH AND REMOVE CONCRETE DRIVEWAY AND ADJACENT EXISTING BRICK PAVERS, CONCRETE PAVING AND CONCRETE CURB AND GUTTER TO REMAIN

BLACK RAT TATTOO

1901 CALLE DE CORREO,
MESILLA, NM 88046

NO.	DATE	REVISION

DESCHUTTER ARCHITECTS

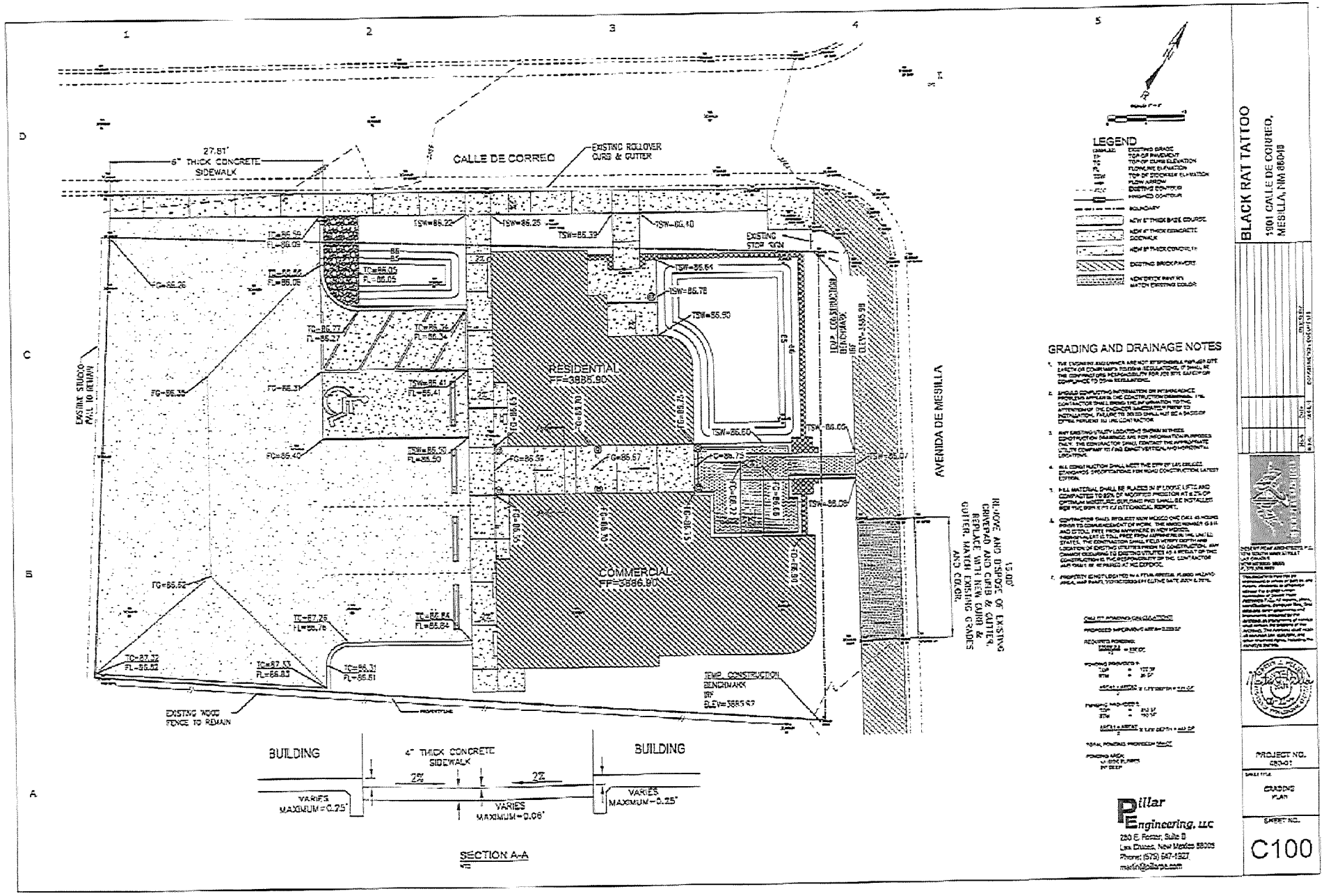
DESCHUTTER ARCHITECTS P.C.
[illegible]
LAS CRUCES
NEW MEXICO 88001
P. 575.526.0512

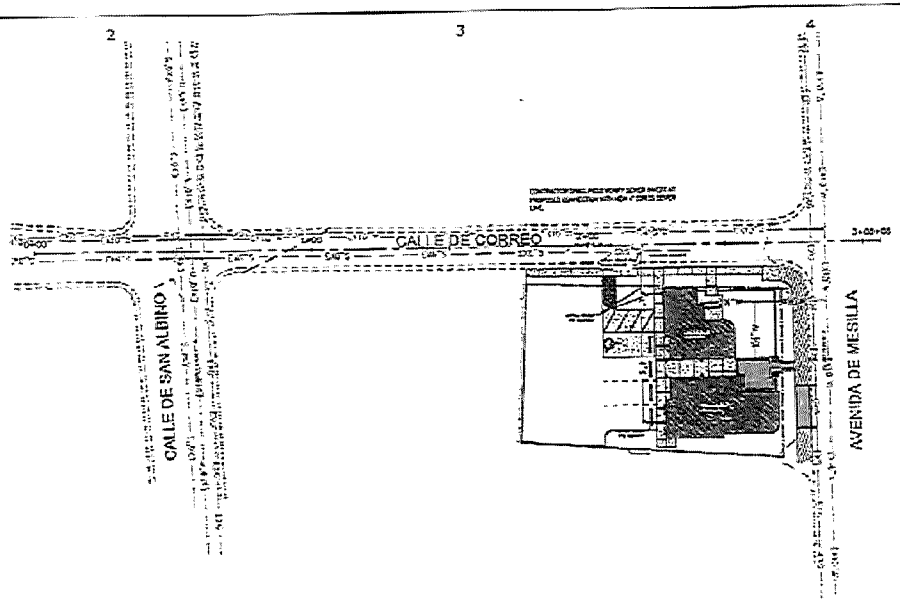
STATE OF NEW MEXICO
REGISTERED
ARCHITECT
[illegible]

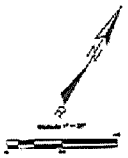
PROJECT NO.
400-01

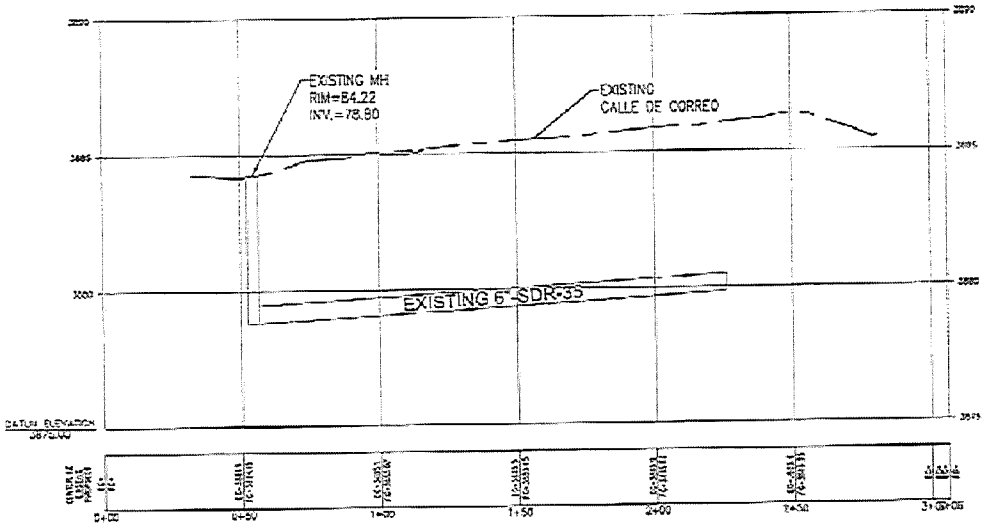
SHEET TITLE
DEMOLITION SITE PLAN

SHEET NO.
D100


CALLE DE CORREO
AVENIDA DE MESILLA
RESIDENTIAL
FF=3885.90
COMMERCIAL
FF=3886.90
EXISTING ROLLOVER CURB & GUTTER
EXISTING STOP SIGN
EXISTING STUCCO WALL TO REMAIN
EXISTING WOOD FENCE TO REMAIN
TEMP. CONSTRUCTION BENCHMARK
REMOVE AND DISPOSE OF EXISTING GRAVEL AND DIRT & GRADE AND REPLACE WITH NEW CURB & GUTTER. MATCH EXISTING GRADES AND COLOR.
BUILDING
4" THICK CONCRETE SIDEWALK
VARIES MAXIMUM = 0.25'
VARIES MAXIMUM = 0.06'
SECTION A-A
LEGEND
GRADING AND DRAINAGE NOTES
Pillar Engineering, LLC
250 E. Fenner, Suite B
Las Cruces, New Mexico 88005
Phone: (575) 647-1527
BLACK RAT TATTOO
1301 CALLE DE CORREO,
MESILLA, NM 88049
PROJECT NO.
GRADING PLAN
SHEET NO.
C100







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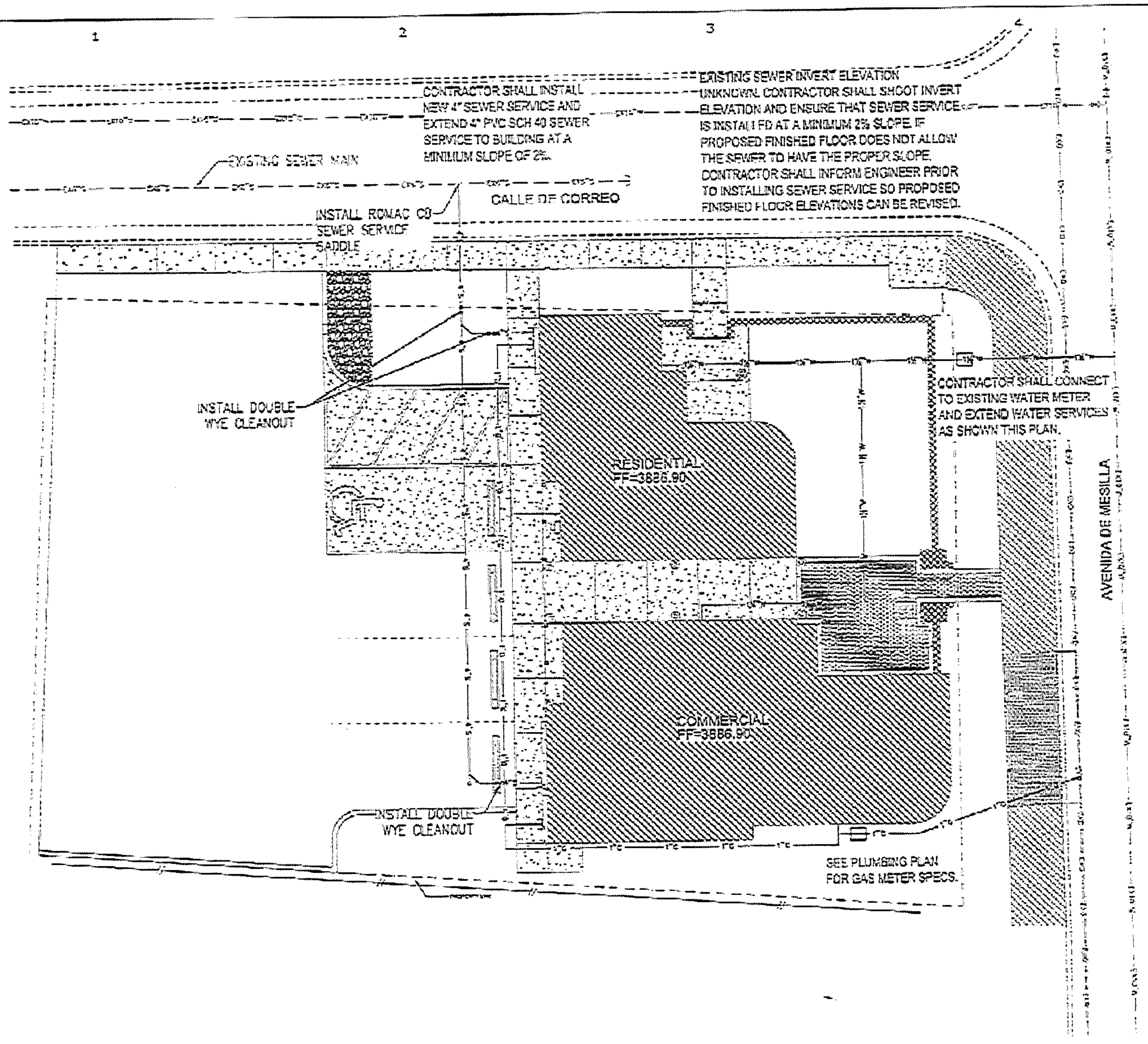
BLACK RAT TATTOO
1001 CALLE DE CORREO,
MESILLA, NM 88046

PROJECT NO.
480-07

SEWER PROFILE PLAN

SHEET NO.
C101



LEGEND

- EXISTING 8" SEWER
- EXISTING 12" WATER
- EXISTING 4" POLY GAS MAIN
- NEW 1" POLY WATER SERVICE
- NEW 1" POLY WATER SERVICE
- NEW 4" PVC SDR 35 SEWER SERVICE
- NEW 1" POLY GAS SERVICE
- PROPERTY LINE
- SEWER MANHOLE
- FIRE HYDRANT
- STREET LIGHT
- [illegible]
- EXISTING ELECTRIC VAULT
- EXISTING TELEPHONE RISER

[illegible]

[illegible]

Pillar Engineering, LLC
250 E. Foster, Suite E
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Phone: (575) 647-1827
[illegible]

BLACK RAT TATTOO
1901 CALLE DE CORREO,
MESILLA, NM 88046

[illegible]

PROJECT NO.
450-01

UTILITY PLAN

SHEET NO.
C102

LEGEND

CALLE DE CORREO

TEMPORARY SEDIMENT FENCE & SOIL BERM

CALLE DE CORREO

STABILIZED CONSTRUCTION ENTRANCE PLAN

CONCRETE WASHOUT

STABILIZED CONSTRUCTION ENTRANCE

PLAN VIEW

DROP INLET PROTECTION

BLACK RAT TATTOO

1901 CALLE DE CORREO,
MESILLA, NM 88046

PROJECT NO.
483-01

SOIL EROSION PLAN

SHEET NO.
C103

Pillar Engineering, LLC
200 S. Tornillo, Suite B
Las Cruces, New Mexico 88005
Phone: (575) 647-2227

WOOD FRAMING AND LUMBER

A. THE EXTENT OF FRAMING REQUIRED IS SHOWN ON THE DRAWINGS AND INCLUDES ALL FRAMING MEMBERS, SHEATHING AND WOOD TRUSSES, INCLUDING ALL NAILS, SCREWS, BOLTS AND OTHER SIMILAR FITTINGS NOT SPECIFICALLY DESCRIBED BUT NECESSARY TO COMPLETE THE PROJECT. THE FOLLOWING IS A LIST OF MINIMUM REQUIREMENTS FOR SELECTED ITEMS TO BE FURNISHED AND ERECTED TO ESTABLISH THE STANDARDS OF QUALITY FOR THE MATERIALS ON THE PROJECT.

a. ALL LUMBER ON THIS PROJECT SHALL MEET THE REQUIREMENTS SHOWN IN THE "TIMBER CONSTRUCTION STANDARDS" OF THE AMERICAN INSTITUTE OF TIMBER CONSTRUCTION (AITC) AND THE CRITERIA "SHOWN IN I CBC.

UNLESS NOTED OTHERWISE ON PLANS/SHEET

- HORIZONTAL AND VERTICAL STRUCTURAL FRAMING MEMBERS:

FOR WHICH CHANGE & BETTER, E = 1,600,000 PSI, Fb= 1,250 PSI, Fv = 700 PSI, Ft = 1,250 PSI, Fc = 75 PSI

B. PLYWOOD:

A. APA GRADE STAMP, "24/16 STRUCTURAL I, EXPOSURE I, GROUP 1

B. PLYWOOD FOR ROOF SHEATHING: TYPE NOL PLYWOOD OR OSB

C. LATERAL BRACING: EXTERIOR SHEATHING SHALL BE THE OSBM TWIRED FASTENED WITH 8D AT 6" O.C. AT PERIMETER AND 12" O.C. AT INTERMEDIATE SUPPORTS, AT ALL BUILDING CORNERS, PROVIDE 2X4 BLOCKING AT ALL RAILS, EDGES EXTENDING 4' FROM BUILDING CORNER.

D. TELEPHONE AND MISCELLANEOUS BACKBOARDS: 3/4" SHEAT, AD, GROUP 1, INTERIOR.

E. ROUGH HARDWARE:

A. ROOF TRUSS: COMPLY WITH HARDWARE OF ASTM A36, GALVANIZE ALL ITEMS USED AS EXTERIOR LOCATIONS.

B. NAILING NAILS: SIMILAR TO APA A-667

C. U-BOLTS: CONNECTING NAILS PER A-61, PREMADE HOLES SAME DIAMETER AS ROOT OF TRUSSES, FABRICATING HOLES TO SHARP DIAMETER FOR 1 INCH HIGH SHANK.

OPEN-WEB WOOD TRUSSES

A. ALL WOOD TRUSSES SHALL BE FABRICATED USING THE DESIGNED NET AREA PLATING METHOD STANDARDS. CONNECTED BY THE TRUSS PLATE MANUFACTURER AS THE TRUSS SPECIFICATIONS FOR LIGHT METAL PLATE CONNECTED WOOD TRUSSES (EDITION, DRAFT, CONNECTED WOOD TRUSSES" AND "QUALITY STANDARD FOR METAL PLATE CONNECTED WOOD TRUSSES JOINTS SHALL BE DESIGNED USING THE NET AREA PLATING METHOD AS SET FORTH IN TPI STANDARDS.

B. ALL UNITS FOR "BRACING WOOD TRUSSES" COMMENTARY AND INSTALLATION" PRINT BY TPI, TRUSS JOINTS SHALL BE DESIGNED USING THE NET AREA PLATING METHOD AS SET FORTH IN TPI STANDARDS.

C. TRUSSES SHALL BE DESIGNED WITH A FACTOR OF SAFETY OF TWO (2) AND SHALL HAVE THE TOP AND BOTTOM CHORDS DESIGNED AS REQUIRED BY THE MANUFACTURING ENGINEER.

D. TRUSS DESIGN SHALL INCLUDE THE WIND, SNOW, DEAD LOADING, ALLOWANCE FOR TRUSS DEAD WEIGHT, DIMENSIONS, AXIAL FORCES ON EACH MEMBER, SIZE AND LOCATION OF CONNECTOR PLATES, SIZE AND SPECIES OF GRADED LUMBER FOR ALL MEMBERS, CAMBER, PERMANENT AND TEMPORARY LATERAL BRACING AS REQUIRED BY DESIGN TO REDUCE BUCKLING, LENGTH OF INDIVIDUAL TRUSS MEMBERS, HANDLING AND ERECTION RECOMMENDATIONS, AND MANUFACTURER'S CERTIFICATION ARE REQUIRED TO SHOW COMPLIANCE WITH THESE SPECIFICATIONS.

TRUSSES LOADING DESIGN REQUIREMENTS (RESIDENTIAL)

A. LIVE LOAD 20 PSF

B. DEAD LOAD (TOP CHORD) 10 PSF

C. DEAD LOAD (BOTTOM CHORD) 5 PSF

D. SEE FRAMING PLAN FOR ADDITIONAL HANGING LOADS AND SOLAR PANEL LOADS

E. WIND:

BASIC WIND SPEED: 115 MPH

GENERAL NOTES

A. CONSTRUCTION SHALL COMPLY WITH ALL CBC, SCAFF, AND LOCAL BUILDING CODES AND STANDARDS.

B. ALL MEASUREMENTS, DIMENSIONS, BEARING MEMBERS, FOOTINGS, SPECIFICATIONS, AND STRUCTURAL INFORMATION, MECHANICAL INTEGRITY OF THIS PROJECT, INCLUDING ALL BUILDING MATERIALS, ARE TO BE CHECKED BY OWNER & CONTRACTOR PRIOR TO CONSTRUCTION & ARE THE RESPONSIBILITY OF THE OWNER & CONTRACTOR.

C. THE CONTRACTOR SHALL COORDINATE THE STRUCTURAL DRAWINGS WITH THE ARCHITECTURAL DRAWINGS, MECHANICAL AND ELECTRICAL DRAWINGS AND TO LAYOUT, DIMENSIONS AND ELEVATIONS. ALL DISCREPANCIES, IF ANY, SHALL BE REPORTED TO THE ARCHITECT/ENGINEER FOR PROPER ADJUSTMENT BEFORE PROCEEDING WITH WORK.

D. PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL VERIFY ALL VERTICAL AND HORIZONTAL DIMENSIONS IN FIELD MEASUREMENTS AND REPORT ANY DISCREPANCIES TO THE ARCHITECT/ENGINEER. ALL CONSTRUCTION SHALL MEET THE 2018 INTERNATIONAL BUILDING CODE.

E. IN THE EVENT THAT CERTAIN FEATURES OF THE CONSTRUCTION ARE NOT FULLY SHOWN ON THE DRAWINGS OR CALLED FOR IN THE STRUCTURAL NOTES OR IN THE SPECIFICATIONS, THE REGULAR CONSTRUCTION SHALL BE IN THE SAME CHARACTER FOR SIMILAR CONDITIONS THAT ARE SHOWN OR CALLED FOR.

EXCAVATION/BACKFILLING NOTES

A. THE OWNER TAKES NO RESPONSIBILITY FOR DAMAGE TO, OR ADDITIONAL CONSTRUCTION COSTS OF, ANY STRUCTURE FOR WHICH THE RELATIVE PRECISION OF THE STRUCTURE TO THE NATURAL FINISH GRADES OF THE BUILDING SITE, EXTENDING FROM ANY PORTION THAT INCORPORATED BY WAY OF BAD SOIL ON FILL, UNDERGROUND, NON-ORGANIC SOIL, OR ON FILL CONTRACTOR TO 95% OF MAXIMUM DENSITY (MEED ASTM D 1557).

B. CONTRACTOR SHALL INCLUDE ALL SITEWORK IN THEIR SCOPE OF WORK, INCLUDING SITE CLEARING, EXCAVATION, BACKFILL, AND GRADING WORK.

C. SOIL INVESTIGATION REPORT AND TECH AND THE RESPONSIBILITY OF THE OWNER/CONTRACTOR.

D. OWNER/CONTRACTOR SHALL INVESTIGATE SITE DURING IN PARKING AND EARTHWORK OPERATIONS FOR FILLED EXCAVATIONS OR BURIED STRUCTURES SUCH AS SEPTIC TANKS, LEACH FIELDS, CISTERNS, FOUNDATIONS, ETC.

E. CONTRACTOR SHALL BE RESPONSIBLE FOR SUPPORT OF ALL TEMPORARY ENVIRONMENTS AND PRECAUTIONS.

F. CONTRACTOR SHALL BE RESPONSIBLE FOR SUPPORT OF ALL TEMPORARY ENVIRONMENTS AND PRECAUTIONS. FOUNDATION FOR FOOTINGS AND CONCRETE PADS SHALL BE BELOW ALL ORGANIC MATERIAL, REMOVE ALL ORGANIC MATERIAL.

G. DOCK MATERIAL, FROM THE NOTES & PLANS ABOVE.

H. A DAMAGED SOILS ENGINEER SHALL REPORT THE OPEN EXCAVATION TO VERIFY THE BEARING MATERIAL, MAINTENANCE, SOIL, AND BARRIER, AND INSTALLATION OF FOOTINGS AND DOCK SPECIFICATIONS.

I. BACKFILL SHALL BE PLACED IN SUBSTANTIAL LIFTS AND COMPACTED TO A MINIMUM DENSITY OF 90% (UNDER SLAB ON GRADE AND PAVEMENT) AND 90% (ELSEWHERE) OF MAXIMUM UNDER P.A.C OPTIMUM MOISTURE CONTENT, AS DETERMINED BY SOILS ENGINEER.

J. FINISH GRADING SHALL SURPLUS CROSS ADJACENT TO THE BUILDING SHALL PROVIDE FOR POSITIVE DRAINAGE AWAY FROM THE BUILDING AND ITS SUBSTANTIAL COMPONENTS. FINISH GRADE SHALL SLOPE AWAY A MINIMUM OF 12" IN THE FIRST 10'. UNLESS ON GRADING PLAN.

K. THE PLANTING BEDS OR TURF AREA IN THE EAVE PORTION SHOULD NOT EXCEED TWELVE (12).

L. ALL SURFACE AFFECTED WHICH ARE COMPACTED FOR SHALL FIRST BE PREPARED BY SCARIFYING TO A DEPTH OF 6 INCHES, THE SURFACE SHALL BE BROUGHT TO A MOISTURE CONTENT BETWEEN 2% BELOW OPTIMUM AND TWO PERCENT OPTIMUM AND COMPACTED TO 90% OF MODIFIED PROCTOR DENSITY (ASTM D 1557).

M. AFTER THE SURFACE HAS BEEN PREPARED, THE NEW FILL OR BACKFILL MATERIAL SHALL BE PLACED IN UNIFORM LIFTS TO THE APPROXIMATE GRADE. ALL LIFTS OF MATERIAL SHALL BE PLACED IN A MANNER EVEN THAT THE COMPACTED THICKNESS DOES NOT EXCEED 12 INCHES.

N. ALL CONCRETE SHALL HAVE A MINIMUM OF TWENTY-FOUR (24) INCHES OF COMPACTED FILL BENEATH THE BOTTOM OF CONCRETE. THE FILL SHALL EXTEND A MINIMUM OF FOURTEEN (14) INCHES BEYOND THE EDGES OF FOOTINGS.

O. SOIL:

GRAVELLY SILT, SURFACE SHOULD BE CLEAN, FREE OF ORGANIC MATERIAL, CLAY LAMPS, UNIFORMLY GRADED MATERIAL (FRAGILE FILL SURFACE SHOULD NOT BE PLACED ON MOISTURE, IS TO 22 PERCENT PER F.S.S. DOES PASSING THE NO. 4 SIEVE, AND NO TWO IN A TIN, IS FOUNDED INSTALLED FOR PASSING THE NO. 200 SIEVE.

SHOULD FILL BE REQUIRED IT SHALL MEET THE FOLLOWING CRITERIA:

SIEVE	% PASSING
3"	100
1/4"	75-90
#4	40-70
#200	10-25

CONCRETE FORM MATERIALS/WORK NOTES

A. EXPOSED CONCRETE SURFACES SHALL FINISH TO PROVIDE CONTINUOUS, STRAIGHT AND SMOOTH FINISH LIKE LA DEEP BOTTOM WORK TO PROVIDE FOR JOINTS.

B. UNFINISHED CONCRETE SURFACES SUITABLE MATERIAL, DEFECTS ON AT LEAST 2 FT LINES AND ONE SIDE FOR THAT FIT.

C. DESIGN FABRICATION, INSTALLATION AND REMOVAL OF CONCRETE FORMWORKS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

D. FOOTINGS SHALL BE PLACED AT A DEPTH TO STANDARD TO LOCAL CODES OR AS SPECIFIED IN THE DRAWINGS. FOOTINGS MAY BE POURED NEAT AGAINST SOIL, IF EXCAVATION ONLY IF APPROVED BY OWNER AND/OR BUILDING INSPECTOR.

E. FOOTINGS AND SLABS ON GRADE SHOULD NOT BE PLACED ON MUDDY OR FROZEN GROUND.

CAST-IN-PLACE CONCRETE NOTES

A. CONCRETE DESIGN AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS (ACI), RECOMMENDED PRACTICE FOR CONCRETE FORMWORK (ACI), RECOMMENDED PRACTICE FOR MEASURING, MIXING, TRANSPORTING, AND PLACING READY-MIXED CONCRETE (ACI), AND THE BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE (ACI 318).

B. CONCRETE SHALL HAVE A MINIMUM 28-DAY FIELD CURED COMPRESSIVE STRENGTH OF 3000 PSI UNLESS OTHERWISE SPECIFIED.

C. WATER SHALL CONTAINING CHLORIDE SALTS SHALL NOT BE USED.

D. MATERIALS FOR CONCRETE:

A. PORTLAND CEMENT - ASTM C150, TYPE AS REQUIRED.

B. AGGREGATES - ASTM C33.

C. WATER - POTABLE, FREE OF OILS, ACIDS, ALKALI, AND OTHER SALTS.

D. AIR ENTRAINING ADMIXTURE - ASTM C260.

E. WATER REDUCING ADMIXTURE - ASTM C494, TYPE A.

F. MISCELLANEOUS - CURING COMPOUND - ASTM C309, TYPE 1, MINT PROTECTION STATUS OR MADDEN ANTI-MAGNETIC STYLE OR EQUIVALENT.

E. CONCRETE SHALL BE OF "READY-MIXED CONCRETE" AND SHALL CONFORM TO ASTM C94, MIX DESIGN ALTERNATE CONCRETE SHALL BE OF "READY-MIXED CONCRETE" AND SHALL CONFORM TO ASTM C94, MIX DESIGN ALTERNATE NO. 2.

F. AT TIME OF PLACEMENT OF CONCRETE SHALL HAVE A SLUMP OF 4" MAXIMUM PER ASTM C143.

G. ALL CONCRETE SHALL BE THOROUGHLY CONSOLIDATED DURING PLACEMENT USING A MECHANICAL VIBRATOR.

H. CONCRETE, WHEN PLACED, SHALL HAVE A TEMPERATURE BETWEEN 50 DEGREES F AND 90 DEGREES F. TEMPERATURE OF CONCRETE DURING MIXING OR TRANSPORTATION SHALL NEVER BE LOWER THAN 40 DEGREES F NOR HIGHER THAN 90 DEGREES F.

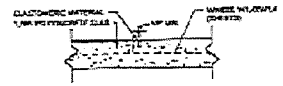
I. DURING COLD WEATHER (AMBIENT TEMPERATURE BELOW 40 DEGREES F) CONTRACTOR SHALL MAINTAIN 50 DEG. DURING COLD WEATHER (AMBIENT TEMPERATURE BELOW 40 DEGREES F) CONTRACTOR SHALL MAINTAIN CONCRETE AT A MINIMUM TEMPERATURE OF 50 DEGREES F FOR 3 DAYS AND ABOVE 32 DEGREES F FOR 14 DAYS FOLLOWING ITS PLACEMENT.

J. ALL CONCRETE DURING HOT WEATHER (AMBIENT TEMPERATURE ABOVE 90 DEGREES F) CONTRACTOR SHALL MINIMIZE TEMPERATURE AND EVAPORATION DURING HOT WEATHER.

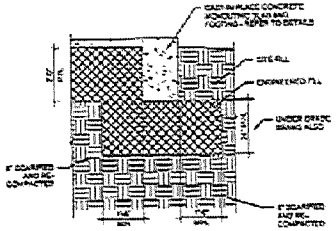
K. MOISTURE CURING COMPOUNDS CONFORMING TO ASTM C309, SHALL BE PROVIDED ON ALL HORIZONTAL SLAB SURFACES IN ACCORDANCE WITH MANUFACTURER'S PRINTED INSTRUCTION.

L. CONCRETE SHALL BE CONSTRUCTED AND DETAILED IN ACCORDANCE WITH REINFORCEMENT AND TO SCORCHET, EXPANSION, CONTINUAL PROVIDED FOR JOINTS IN ALL SLABS ON GRADE 8" TO 10" FROM CENTER EACH WAY. MINIMUM PROVIDE HEAVY DUTY TOOLED JOINTS 6 FEET ON CENTER AND NOT SUPPLIED TO DEVELOPMENT OF OTHER THE WELDED DIAGONAL JOINTS AT 10 FEET ON CENTER IN ALL EXTERIOR WALKS AND SLABS OF AS DEFINED PER FOUNDATION DIAGRAM.

M. PROVIDE GROUND FOR SLABS ON GRADE WITH 6 MIL POLY VISQUEEN VAPOR BARRIER ANY NOT BEING USED SHOULD BE DONE BETWEEN OF CONCRETE PLACEMENT.



(C1) (S101) CONTROL JOINT DETAIL
1 1/2" = 1'-0"



(23) (S101) SUBGRADE PREP DETAIL
1/2" = 1'-0"

BLACK RAT TATTOO
1001 CALLE DE CORREO,
MESILLA, NM 88049

Revisions		
Rev.	Date	Description

DESERT FINK ARCH TEAM

PROJECT NO. 480-01

SHEET TITLE: STRUCTURAL NOTES

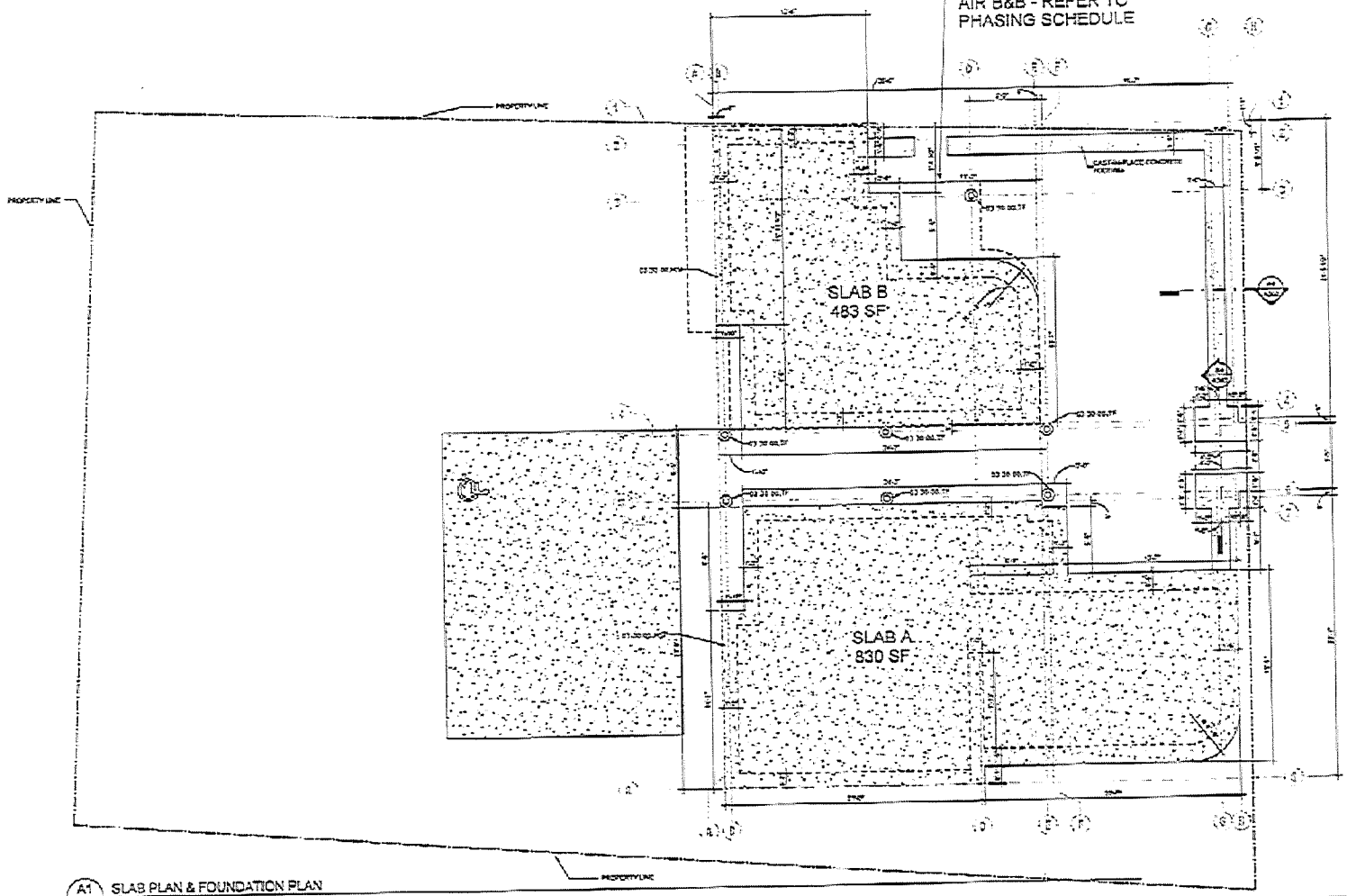
SHEET NO. S101

GENERAL NOTES

A. CONTRACTOR IS RESPONSIBLE FOR BECOMING FAMILIAR WITH ALL ASPECTS OF THE PROJECT.
B. CONTRACTOR SHALL NOTIFY ARCHITECT OF ANY DISCREPANCIES BETWEEN THE WORK AS SHOWN ON THIS SHEET FOUNDATION PLAN AND THE CONSTRUCTION DOCUMENTS OR SITE CONDITIONS PRIOR TO COMMENCING THE WORK.
C. REFER TO STRUCTURAL AND CIVIL DETAILS AND NOTES FOR ADDITIONAL INFORMATION.
D. REFER TO ARCHITECTURAL WALL DIMENSIONS FOR FOUNDATION DETAIL CALL OUTS.

KEYNOTE LEGEND

03 30 00.J	CAST-IN-PLACE CONCRETE FOOTING
03 30 00.JHP	CAST-IN-PLACE FOUNDATION SLAB AND FLOATING (LOOS PSI CONCRETE) REFER TO STRUCTURAL NOTES
03 30 00.TT	CONCRETE PIER FOUNDATION, 12" DIAM X 3' DEPTH - REFER TO DETAIL PHASE 1



A1 / S102 SLAB PLAN & FOUNDATION PLAN
1/4" = 1'-0"

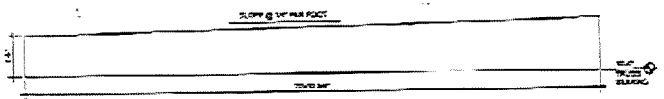
BLACK RAT TATTOO
1901 CALLE DE CORREO,
MESILLA, NM 88049

DESERT PEAK ARCHITECTS

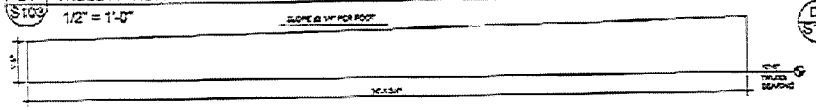
PROJECT NO.
480 01

SLAB AND FOUNDATION PLAN

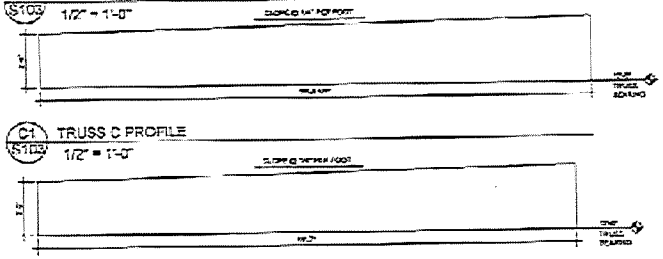
SHEET NO.
S102



D1 S103 TRUSS A PROFILE
1/2" = 1'-0"



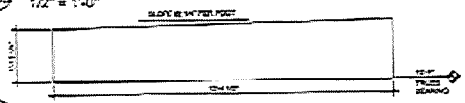
D2 S103 TRUSS B PROFILE
1/2" = 1'-0"



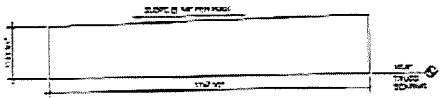
C1 S103 TRUSS C PROFILE
1/2" = 1'-0"

C2 S103 TRUSS D PROFILE
1/2" = 1'-0"

B1 S103 TRUSS E PROFILE
1/2" = 1'-0"

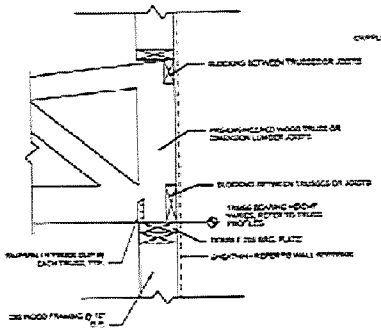


B2 S103 TRUSS F PROFILE
1/2" = 1'-0"

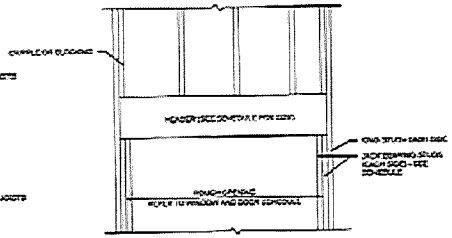


D4 S103 TRUSS G PROFILE
1/2" = 1'-0"

D5 S103 TRUSS H PROFILE
1/2" = 1'-0"



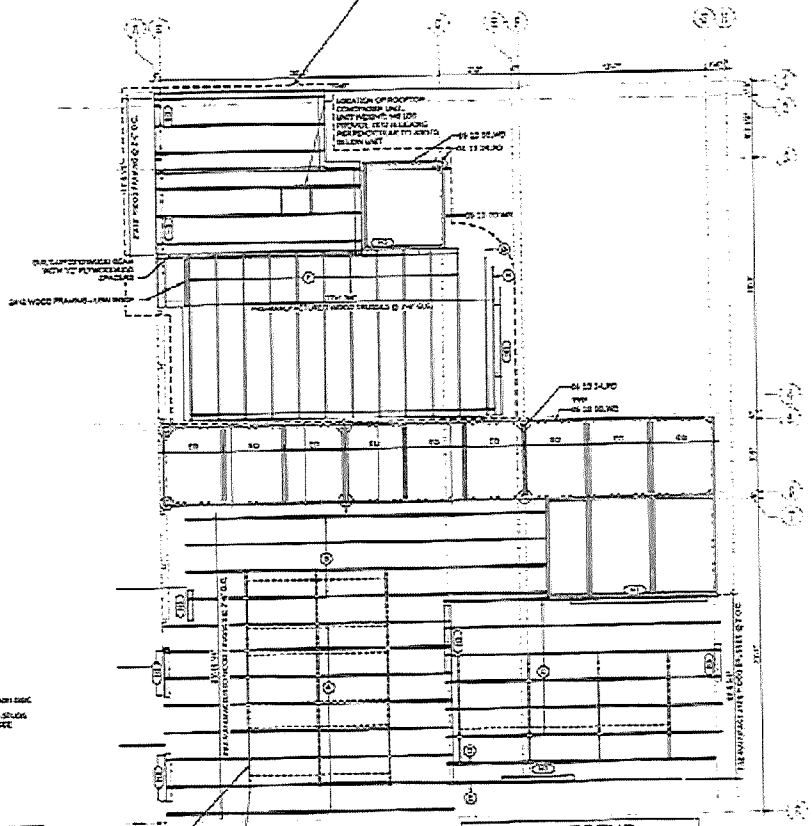
A1 S103 TYP TRUSS FRAMING DETAIL
1 1/2" = 1'-0"



A3 S103 HEADER DETAIL
3/4" = 1'-0"

HEADER SCHEDULE			
MARK	HEADER	BEARING	COMMENTS
H-1	2-2x10	1-2x6	1/2" OSB SHEATHED SPACERS
H-2	4-2x10	2-2x6	1/2" OSB SHEATHED SPACERS
H-3	2-2x10	2-2x6	1/2" OSB SHEATHED SPACERS

PHASE 2: RESIDENTIAL AIR B&B - REFER TO PHASING SCHEDULE



A4 S103 ROOF FRAMING PLAN
1/4" = 1'-0"

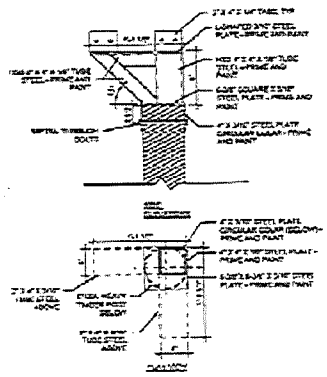
FRAMING LEGEND	
	TRUSS IDENTIFICATION - REFER TO TRUSS PROFILES
	HEADER IDENTIFICATION - REFER TO SCHEDULE
	2X6 STRUCTURAL BEARING STUDS
	HEADER LOCATIONS

BLACK RAT TATTOO
1901 CALLE DE CORREO,
MESILLA, NM 88046

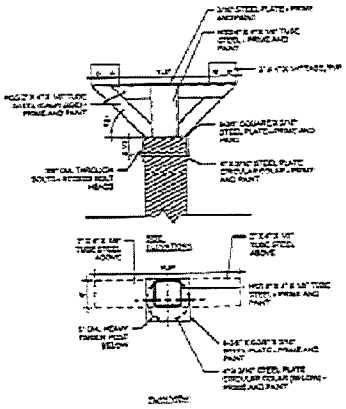
PROJECT NO.
400-01

SHEET TITLE
FRAMING PLAN

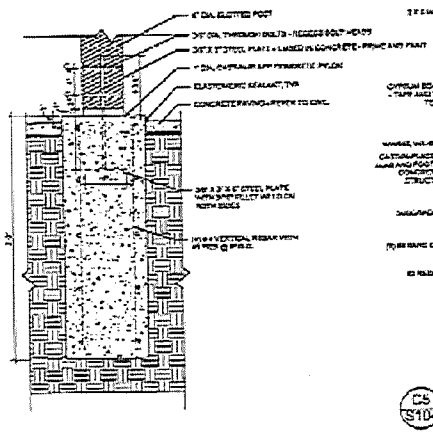
SHEET NO.
S103



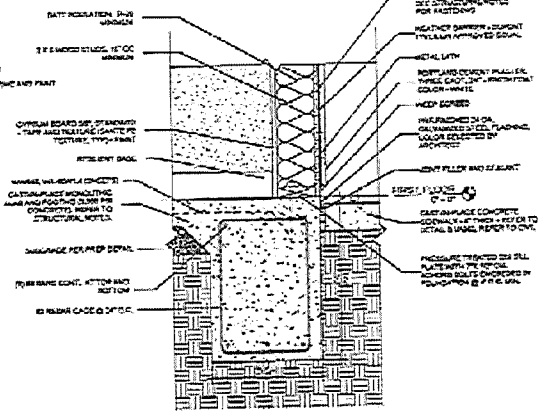
C1 S104 STEEL CORBEL DETAIL @ CORNER
1 1/2" = 1'-0"



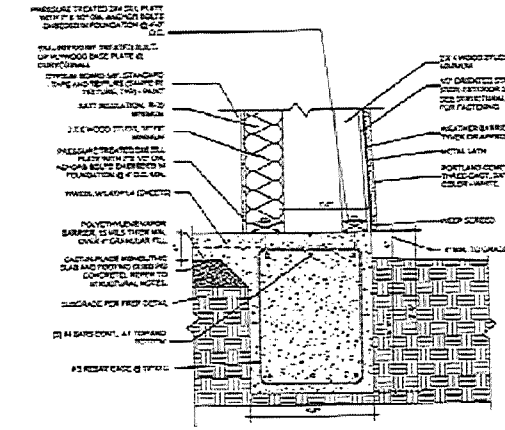
C2 S104 STEEL CORBEL DETAIL @ CORNER
1 1/2" = 1'-0"



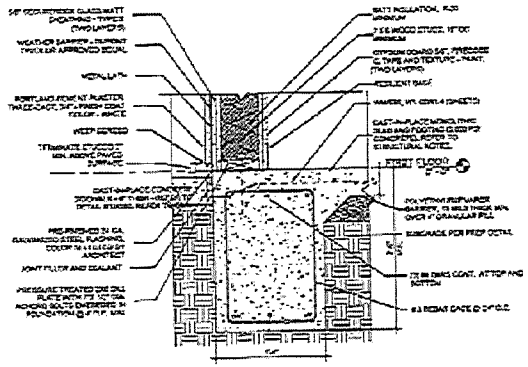
C3 S104 TYP POST TO PYLON DETAIL
1 1/2" = 1'-0"



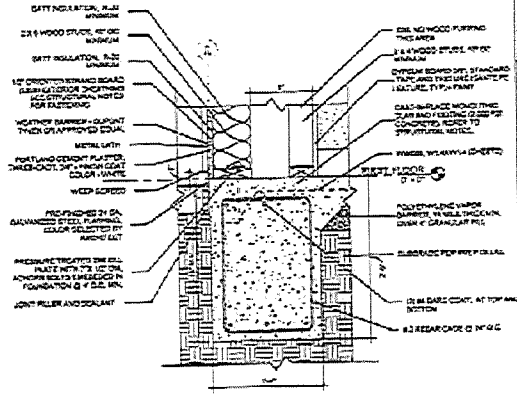
C5 S104 FOUNDATION DETAIL
1 1/2" = 1'-0"



A1 S104 FOUNDATION DETAIL - CANTED WALL
1 1/2" = 1'-0"



A4 S104 FOUNDATION DETAIL - FIRE WALL
1 1/2" = 1'-0"



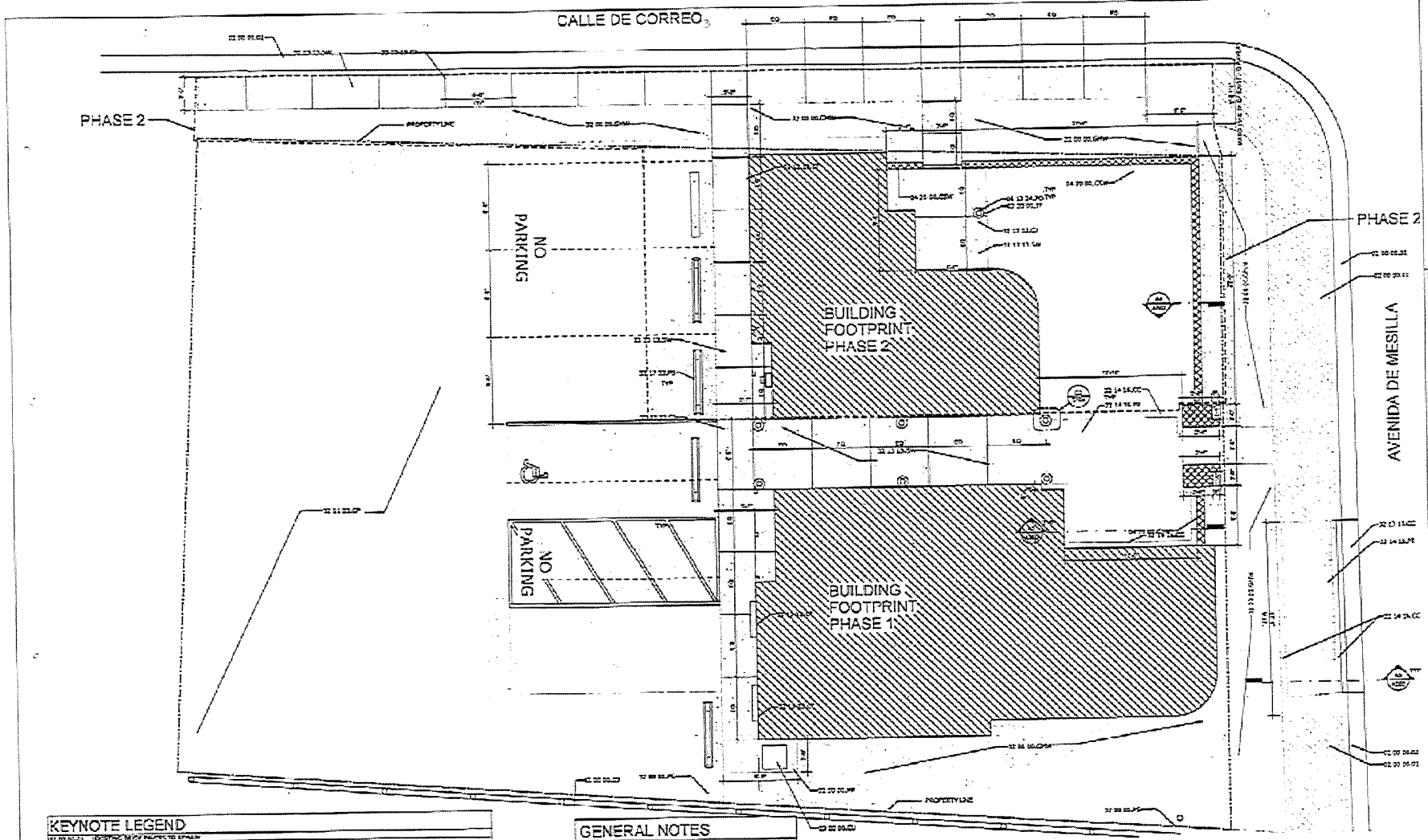
A5 S104 FOUNDATION DETAIL
1 1/2" = 1'-0"

BLACK RAT TATTOO
1001 CALLE DE CORREO,
MESILLA, NM 88046

PROJECT NO.
430-01

STRUCTURAL DETAIL

SHEET NO.
S104



KEYNOTE LEGEND

02 00 00.03	DEMOLISH ENTIRE BUILDING TO GRADE
02 00 00.03	DEMOLISH WALLS, PLANTS, PLANTS AND CLUTTER TO REMAIN
02 00 00.03	EXISTING WOOD PERIMETER FENCE ON PROPERTY LINE TO REMAIN, REPAIR AS REQUIRED
03 39 00.17	NEW CASTE TUBE FOUNDATION, 1'-0" DIA. X 3' DEEP - REFER TO DETAIL 1/A1.0
04 05 00.17	NEW SITE WALL - 8' - REFER TO SHEET A1.0
04 13 14.00	1" DIA. SCHEDULE 80 PVC GRAVEL, CLEAN AND SEAL - SUBMIT PRODUCT INFORMATION FOR APPROVAL BY OWNER
23 00 00.00	CONDITIONING UNIT - REFER TO MECHANICAL PLANS
26 00 00.00	PROVIDE ALL ELECTRICAL WORK - 1" TYPE CU/PE COMMERCIAL GRADE NON-METALLIC PIPING
27 00 00.00	SEAT - 8'-0" LONG WITHOUT BACK FOR MECHANICAL UNITS - REFER AND PAINT
13 00 00.00	PROVIDE HEAVY STEEL PLATE GROUND STOP HOLES IN PROPERTY LINE - REFER AND PAINT
10 11 11.00	GRAVEL PARKING LOT - REFER TO DETAIL 2/A1.0
32 12 12.00	CONTINUOUS CURB AND GUTTER TO MATCH EXISTING - REFER TO DETAIL 2/A1.0
04 13 14.00	CONCRETE PATIOS, TOWN & SEPARATE SLABS FOR SEATING
32 11 11.00	NEW CONCRETE CURB AT DOOR THRESHOLD, FINISHED FLOOR ELEVATION AT ENTRANCE TO BE 1/2" BELOW TOP OF CURB
32 13 13.00	NEW 3" PLANTER BOXES, LANDSCAPE ARCHITECT TO SPECIFY PLANTING, REFER TO DETAIL
32 14 16.00	NEW PLANTER BOX AT CONCRETE CURB WITH INTEGRAL POLE BOLLARDS TO BE THE SAME AS PHASE 1 BLDG
32 14 16.00	NEW PAVERS WITH MINIMUM 1/4" JOINTS, PERMEABLE PAVERS, LOW FLOW LANDSCAPE EXISTING BRICK PAVERS
32 12 13.00	PROVIDE CONCRETE WHEEL STOP - 6' LENGTH

GENERAL NOTES

1. REFER TO GENERAL NOTES ON SHEET A0.0. COORDINATE ALL WORK WORK WITH CIVIL SHEETS

PROJECT NORTH TRUE NORTH

A1 / A100 SITE PLAN
1/4" = 1'-0"

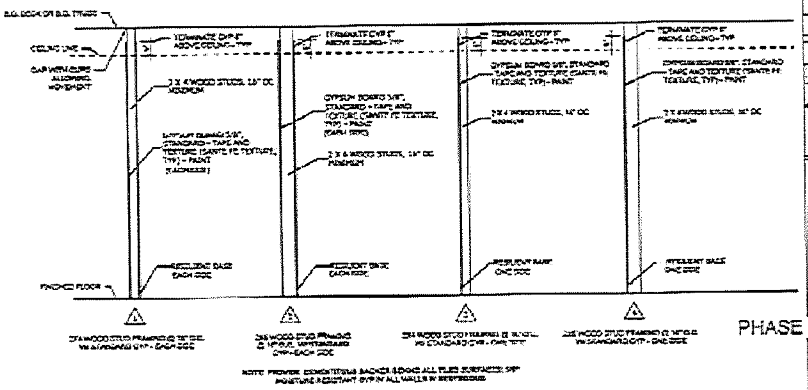
BLACK RAT TATTOO
1001 CALLE DE CORREO,
MESILLA, NM 88046

DESIGN FEEK ARCHITECTS

PROJECT NO.
490-01

ARCHITECTURAL SITE PLAN

SHEET NO.
A100



NOTE: PROVIDE CEMENTITIOUS BACKER BOARD ALL TILED SURFACES; 5/8" MOISTURE RESISTANT GYP IN ALL WALLS IN RESTROOMS

C1/A101 WALL PARTITION TYPES
1/2" = 1'-0"

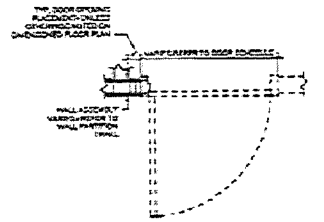
EQUIPMENT SCHEDULE		
TYPE	NAME	COMMENTS
[illegible]	[illegible]	
[illegible]	COAT HOOK	[illegible]
FEC	SEMI-RECESSED FIRE EXTINGUISHER CABINET AND FIRE EXTINGUISHER	
[illegible]	18" Vertical Grab Bar	
[illegible]	36" GRAB BAR	
[illegible]	42" GRAB BAR	
[illegible]	[illegible]	
[illegible]	[illegible] MIRROR	
[illegible]	[illegible] MIRROR	
[illegible]	FULL HEIGHT MIRROR	OWNER PROVIDED, OWNER INSTALLED - CONTRACTOR TO PROVIDE BLOCKING
PD	PAPER TOWEL DISPENSER	[illegible]
RH	ROBE HOOK	
SD	SOAP DISPENSER	[illegible]
SN	SANITARY NAPKIN RECEPTACLE	
TP	TOILET PAPER DISPENSER	
[illegible]	[illegible]	

GENERAL NOTES

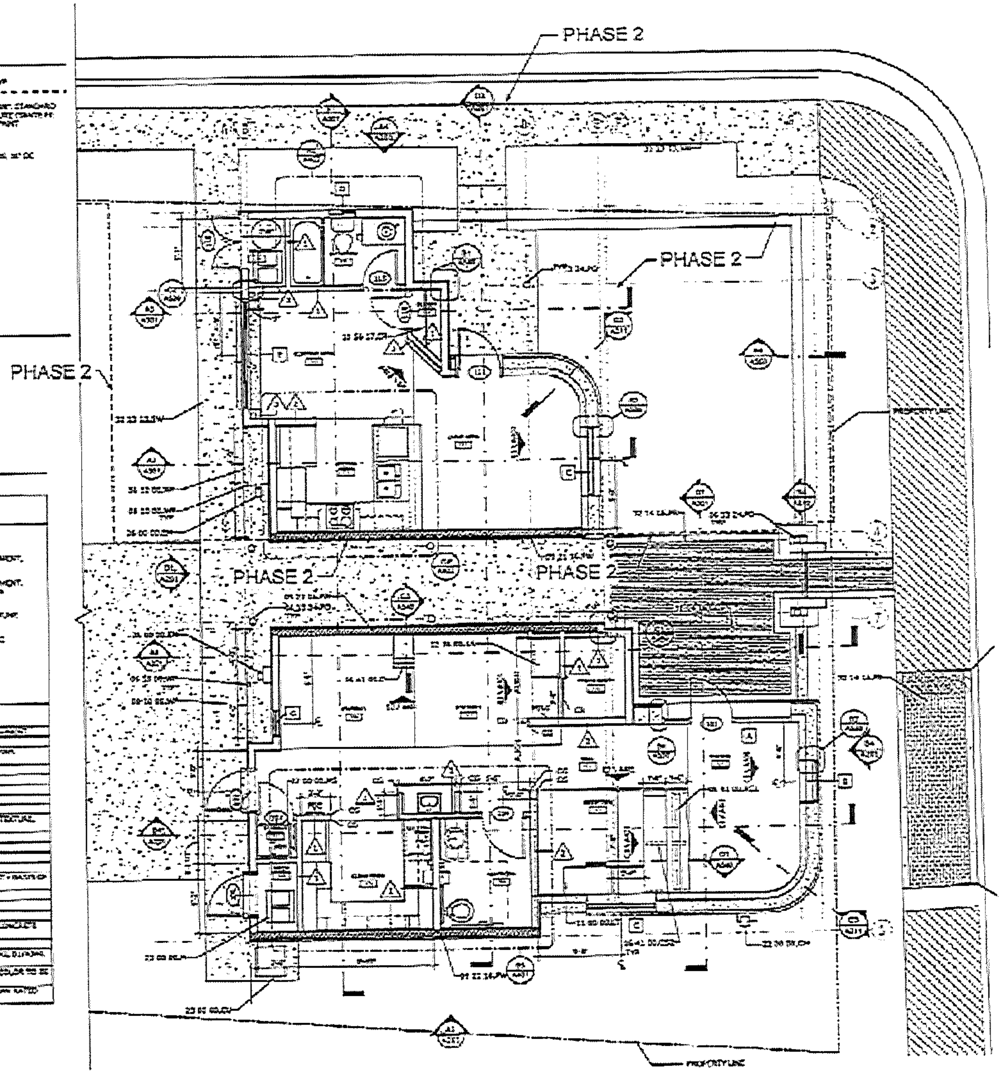
- A. PROVIDE FIRE RESISTANT WOOD BLOCKING BETWEEN STUDS AT ALL WALL MOUNTED EQUIPMENT, CABINETS, CASE WORK, ETC.
- B. REFER TO PARTITION SHEET FOR GENERAL PARTITION NOTES.
- C. REFER TO REFLECTED CEILING PLAN SHEETS FOR CEILING MOUNTED EQUIPMENT, CEILING TRANSITIONS AND DETAIL INFORMATION.
- D. REFER TO WINDOW TYPE LEGEND FOR WINDOW SIZES.
- E. REFER TO PLUMBING SHEETS FOR SINK LOCATIONS AND SCHEDULED EQUIPMENT.
- F. SEAL ALL PENETRATIONS AT EXTERIOR WALLS THROUGH ROOF. CONTINUOUS INSULATION WITH MEDIUM DENSITY FOAM INSULATION.
- G. ALL DIMENSIONS ARE TO FACE OF STUD OR MASONRY, COLUMNS ARE TO CENTERLINE OF COLUMN, WINDOW AND DOOR DIMENSIONS ARE TO CENTERLINE OF OPENING IN EXTERIOR WALLS. REFER TO A1/A101 FOR TYP. DOOR OPENING PLACEMENT.
- H. SEAL ALL PENETRATIONS THROUGH FIRE RATED WALLS WITH FIRE STOPPING THAT MEETS OR EXCEEDS THE FIRE RATING OF THE WALLS.
- I. NOTE: FINISH MATERIALS SHOWN ARE BASIS OF DESIGN - SUBSTITUTIONS PERMITTED IF APPROVED BY OWNER.
- J. REFER TO DETAIL A1/A101 FOR TYPICAL DOOR PLACEMENT AT WALLS.

KEYNOTE LEGEND

[illegible]	PRESSURE TREATED 2x4 FORMS PLANK - REMOVABLE FROM [illegible]
[illegible]	PRESSURE TREATED WOOD 4X4 WOOD POST - PAINT
[illegible]	8" DIA. [illegible] - SAND, STAIN AND SEAL - SUBSTITUTIONS PERMITTED AS APPROVED BY OWNER
[illegible]	PLASTIC LAMINATE CASEWORK
[illegible]	COUNTERTOP SUPPORT BRACKET [illegible]
[illegible]	RECEPTION CASEWORK [illegible]
[illegible]	RESILIENT BASE
[illegible]	2 HOUR FIRE WALL - REFER TO WALL SECTIONS
[illegible]	GYPSUM BOARD 5/8", STANDARD - TAPE AND TEXTURE (SANTA FE TEXTURE, TYP) - PAINT
[illegible]	2 X 4 WOOD STUDS, 16" OC MINIMUM
[illegible]	2 X 6 WOOD STUDS, 16" OC MINIMUM
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	1/2" SOLID SURFACE COUNTERTOP [illegible] - SUBSTITUTIONS PERMITTED AS APPROVED BY OWNER
[illegible]	[illegible] - REFER TO PLUMBING
[illegible]	MOP SINK - REFER TO PLUMBING
[illegible]	CONDENSING UNIT - REFER TO MECHANICAL
[illegible]	MECHANICAL UNIT - REFER TO MECHANICAL - PROVIDE 4" THICK CONCRETE PAD FOR MOUNTING
[illegible]	ELECTRICAL METER - REFER TO ELECTRICAL
[illegible]	CAST-IN-PLACE CONCRETE SIDEWALK [illegible] - REFER TO [illegible]
[illegible]	CAST-IN-PLACE 6" CONCRETE CURB WITH INTEGRAL COLORING - COLOR TO BE [illegible]
[illegible]	BRICK PAVERS WITH [illegible] JOINTS, PEDESTRIAN RATED [illegible] - MATCH EXISTING BRICK PAVERS



A1/A101 TYP DOOR PLACEMENT DETAIL
3/4" = 1'-0"



TRUE NORTH
PROJECT NORTH

A3/A101 FIRST FLOOR PLAN
1/4" = 1'-0"

BLACK RAT TATTOO
1001 CALLE DE CORREO,
MESILLA, NM 88046

DESERT PEAK ARCHITECTS

PROJECT NO.
480-01

FIRST FLOOR PLAN

SHEET NO.
A101

GENERAL NOTES FLOOR FINISH PLAN

A. ALL FLOOR FINISHES SHOWN ARE BASIS OF DESIGN MATERIALS - SUBSTITUTIONS PERMITTED BE APPROVED BY OWNER.
B. COORDINATE EXACT FLOORING LAYOUT PATTERNS AND MATERIALS WITH THE ARCHITECT AND OWNER PRIOR TO COMPLETING ANY FLOORING WORK.
C. ALLOW FOR PROMPT TRANSITIONS AT ALL INTERSECTIONS BETWEEN DISSIMILAR MATERIALS WHERE NECESSARY. COORDINATE THESE LOCATIONS WITH THE ARCHITECT PRIOR TO COMPLETING ANY FLOORING WORK.

FLOOR FINISH LEGEND

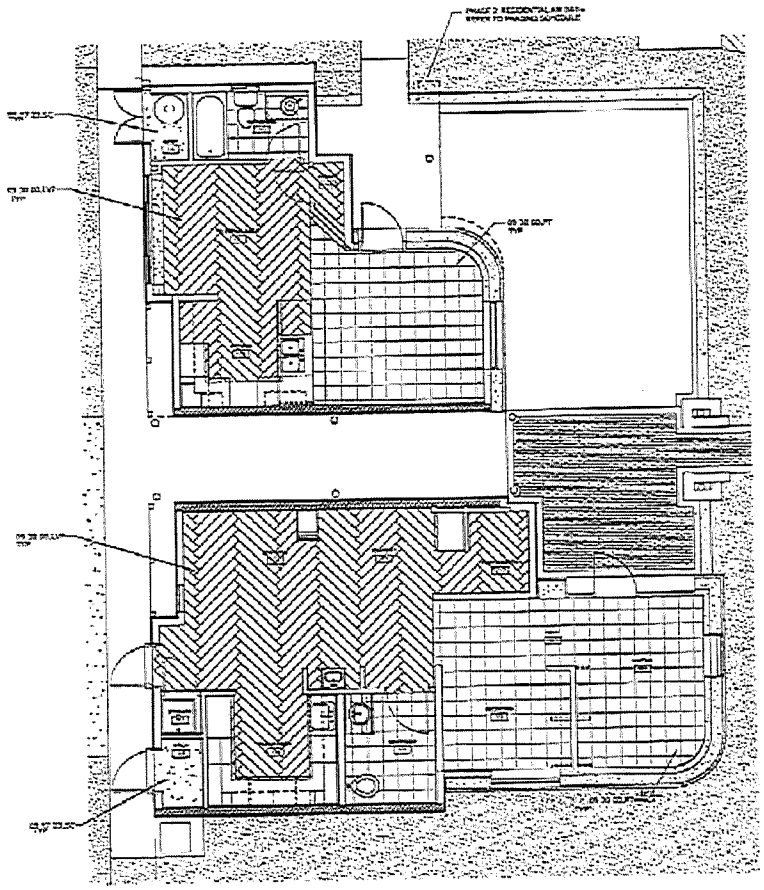
LVP - BASIS OF DESIGN - TALL FLOORING NATURALS PLANKS 9" X 60" - WOOD-LIKE NORTHCORE TEAK

PT - BASIS OF DESIGN - EASTLE VINTAGE SOLIDS 4" X 4" X 4" - FIRST PRIZE

SC - SCALED CONCRETE SEMI-GLOSS

KEYNOTE LEGEND

09 30 00.13VP	LUXURY VINYL TILE PLANK
09 30 13.13T	CERAMIC FLOOR TILE
09 67 23.SC	SEAL CONCRETE



PROJECT NORTH TRUE NORTH

A3 / A102 FLOOR FINISH PLAN
1/4" = 1'-0"

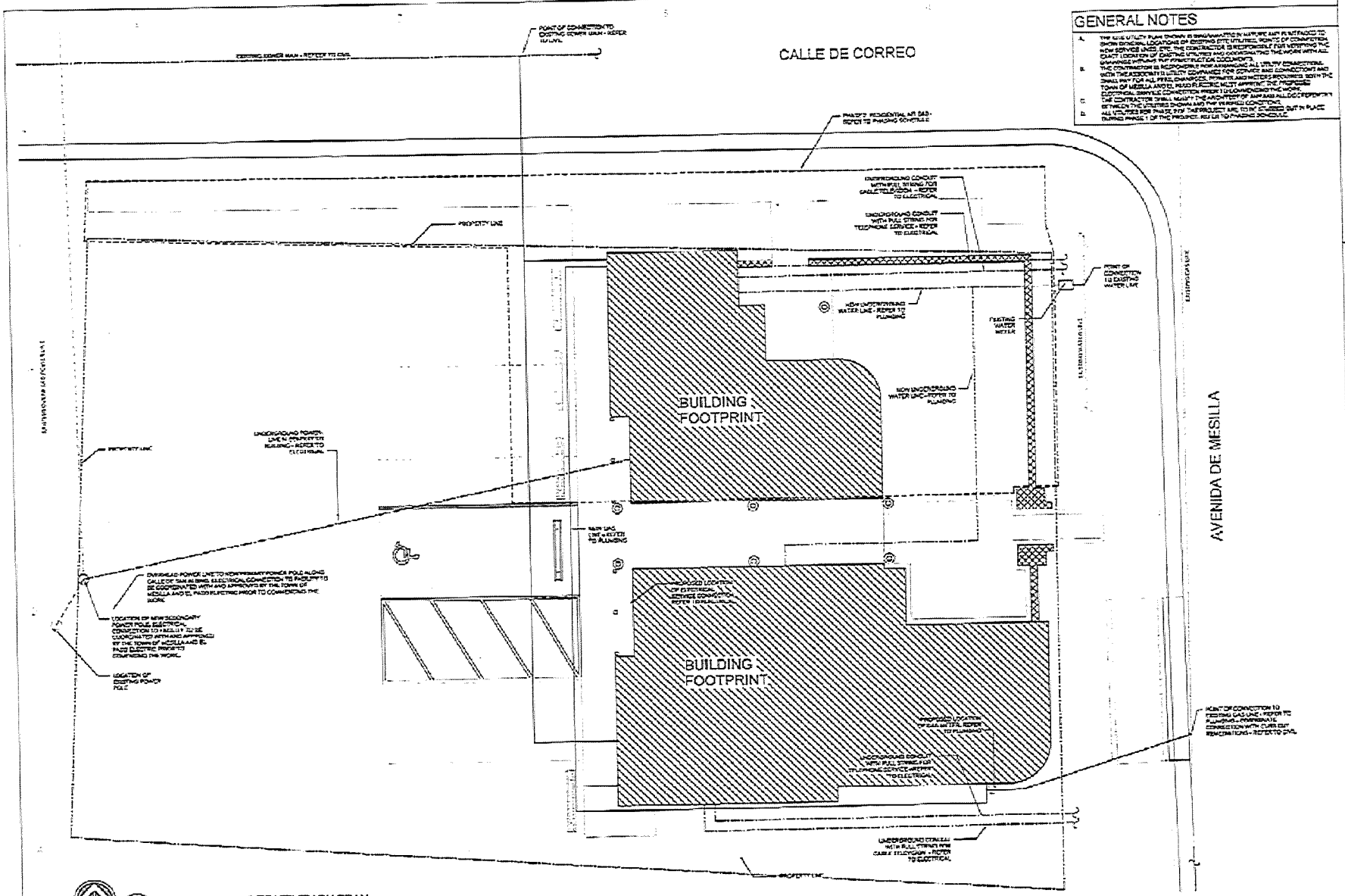
BLACK RAT TATTOO
1901 CALLE DE CORREO,
MESILLA, NM 88046

DESIGN PLAN ARCHITECTS

PROJECT NO.
480-01

SHEET TITLE
FLOOR FINISH PLAN

SHEET NO.
A102



GENERAL NOTES

THE SITE UTILITY PLAN SHOWN IS DIAGRAMATIC IN NATURE AND IS INTENDED TO SHOW GENERAL LOCATIONS OF EXISTING SITE UTILITIES, POINTS OF CONNECTION, NEW SERVICE LINES, ETC. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE EXACT LOCATION OF EXISTING UTILITIES AND COORDINATING THE WORK WITH ALL APPLICABLE UTILITIES PRIOR TO CONSTRUCTION COMMENCE.

THE CONTRACTOR IS RESPONSIBLE FOR ARRANGING ALL UTILITY CONNECTIONS WITH THE ASSOCIATED UTILITY COMPANIES FOR SERVICE AND CONNECTIONS AND SHALL PAY FOR ALL FEES, CHARGES, PERMITS AND METERS REQUIRED BOTH THE TOWN OF MESILLA AND EL PASO ELECTRIC MUST APPROVE THE PROPOSED ELECTRICAL SERVICE CONNECTION PRIOR TO COMMENCING THE WORK.

THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY AND ALL DISCREPENCY BETWEEN THE UTILITIES SHOWN AND THE VERIFIED CONDITIONS.

ALL UTILITIES FOR PHASE ONE THE PROJECT ARE TO BE CLOSED OUT IN PLACE DURING PHASE 1 OF THE PROJECT. REFER TO PHASING SCHEDULE.

BLACK RAT TATTOO

1001 CALLE DE CORREO,
MESILLA, NM 88046

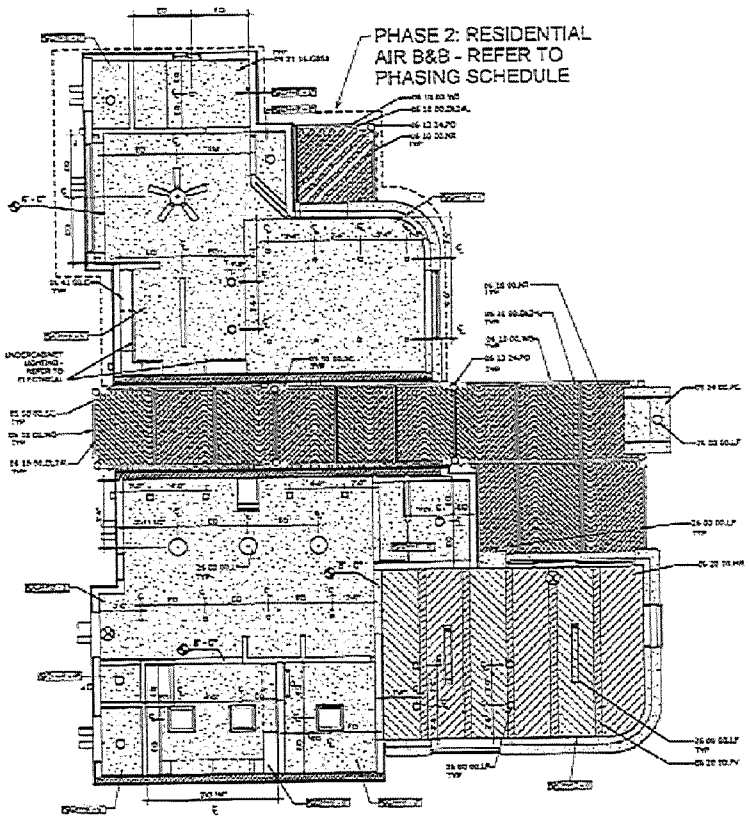
DESERT PEAK ARCHITECTS

STATE OF NEW MEXICO
REGISTERED ARCHITECT

PROJECT NO.
450-11

SITE UTILITY DIAGRAM

SHEET NO.
A103



A1 / A121 FIRST FLOOR REFLECTED CEILING PLAN
1/4" = 1'-0"

TRUE NORTH PROJECT NORTH

GENERAL NOTES RCP PLAN

A. CONTRACTOR SHALL COORDINATE WITH ALL MECHANICAL, ELECTRICAL AND PLUMBING ENGINEERING SHEETS FOR ADDITIONAL CEILING MOUNTED EQUIPMENT.
B. SUBSTITUTIONS FOR ALL LIGHT FIXTURES ARE PERMITTED AS APPROVED BY OWNER.

KEYNOTE LEGEND

06 10 00.00	[illegible]
06 10 00.00.AL	2x4 DOUGLAS FIR LUMBER - SAND WITH 100 GRIT SANDPAPER - STAIN AND SEAL
06 10 00.00	[illegible]
06 15 00.00.NB	3/4" x 3/4" WOOD ROAR - DOUGLAS FIR - SAND WITH 100 GRIT SANDPAPER - STAIN AND SEAL
06 15 00.00.AL	1x4 DOUGLAS FIR WOOD LOUVER - STAIN AND SEAL - SUBSTITUTIONS PERMITTED AS APPROVED BY OWNER
06 20 00.00	[illegible]
06 20 00.00.NB	[illegible]
06 41 00.00	[illegible]
09 21 16.LGBS	GYPSUM BOARD 5/8", STANDARD - SAND AND TEXTURE GYPSUM BOARD TO TEXTURE, TYP. - PAINT
09 24 00.00	TRADITIONAL WOODLU - HORTAR SAND AND CHIP BASED THINCOAT - NO SYNTHETIC STUCCO / SUBSTITUTE FINISHES PERMITTED - FINISH COAT COLOR - MATCH THE FASTER BUILDING FINISH COAT
23 00 00.00	[illegible]

RCP LEGEND

- SCHEDULED GYPSUM BOARD
- WOOD PLANK CEILING - 2" X 4" PINE - STAIN AND SEAL
- RECESSED WALL WASH LED LIGHT FIXTURE - REF ELECTRICAL SHEETS
- RECESSED LED LIGHT FIXTURE - REF ELECTRICAL SHEETS
- UNDER PENDANT LIGHT FIXTURE - REF ELECTRICAL SHEETS
- CEILING FAN WITH LED LIGHT FIXTURE - REF ELECTRICAL SHEETS
- PATH BAR LED LIGHT FIXTURE - REF ELECTRICAL SHEETS
- LED PENDANT - REF ELECTRICAL SHEETS
- LED PENDANT - REF ELECTRICAL SHEETS
- LED EXTERIOR WALL SCONCE - REF ELECTRICAL SHEETS
- RECESSED LED DAW LIGHT - REF ELECTRICAL SHEETS
- RECESSED LED PROJECTOR LIGHT - REF ELECTRICAL SHEETS
- UNDER LED LIGHT - REF ELECTRICAL SHEETS
- REF LIGHTING - REF ELECTRICAL SHEETS

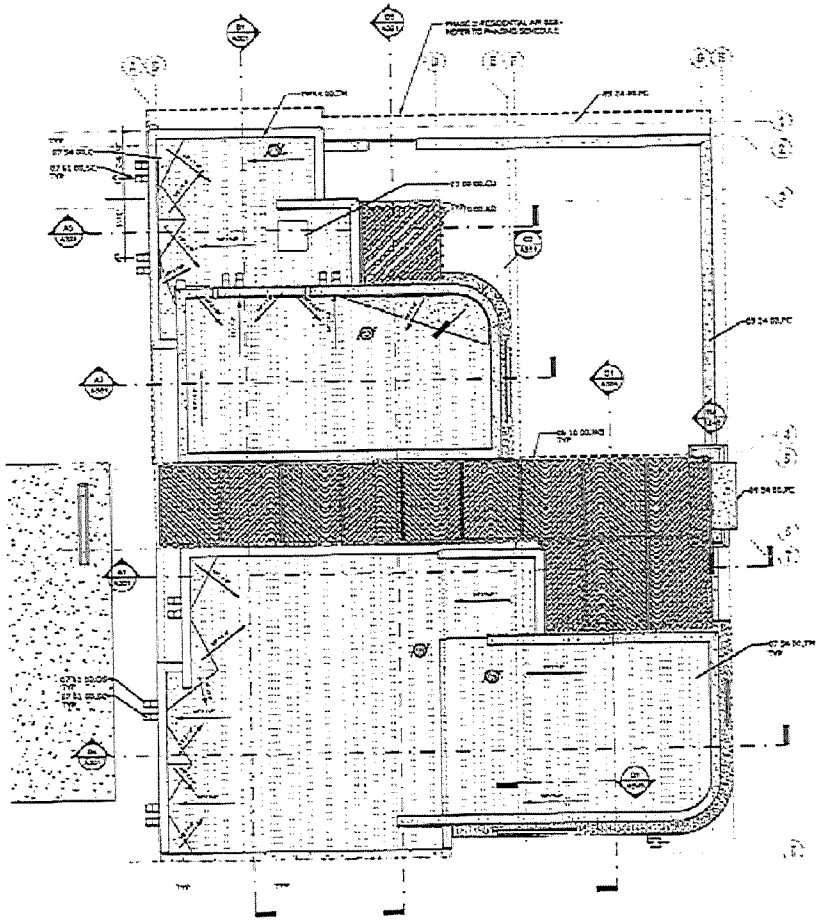
BLACK RAT TATTOO
1001 CALLE DE CORREO,
MESILLA, NM 88046

DESIGN PEAK ARCHITECTS

PROJECT NO.
400-01

SHEET TITLE
FIRST FLOOR REFLECTED CEILING PLAN

SHEET NO.
A121



PROJECT NORTH TRUE NORTH

A3 / A131 ROOF PLAN
1/4" = 1'-0"

GENERAL NOTES ROOF PLAN

1. THE INTENT OF THE DETAILING SHOWN WITHIN THIS PROJECT IS TO REPRODUCE THE MINIMUM STANDARD OF UNDERLAYMENT, FLASHINGS, TRIMS, ETC. REQUIRED TO AGREE WITH THE MANUFACTURER'S WARRANTY.
2. GENERAL CONTRACTOR SHALL COORDINATE WITH PLUMBING AND MECHANICAL WORK IN THIS PROJECT TO DETERMINE EXTENT OF PLUMBING/MECHANICAL ROOF LOCATIONS AND PENETRATIONS.
3. AT ALL ROOF MOUNTED EQUIPMENT AND PENETRATIONS, THE GENERAL CONTRACTOR SHALL COORDINATE WITH MECHANICAL & ROOFING SUBCONTRACTORS TO INSTALL ALL EQUIPMENT AND PENETRATIONS OF MINIMUM 11.5 MM PRIMARY WALLS, PARAPETS, PURLINS, ETC. TO FACILITATE STEP FLASHING WORK.
4. REFER TO MECHANICAL, ELECTRICAL AND PLUMBING SHEETS FOR ALL ROOF MOUNTED UTILITY LINES, SUPPORT LINES FOR ASSOCIATED DETAIL PAINT ALL EXPOSED UTILITY LINES.
5. REFERENCE PLUMBING PLANS FOR LOCATION AND QUANTITIES OF VENTS, WALL ROOF AND PIPE PENETRATIONS.
6. ALL PENETRATIONS THROUGH METAL ROOF ASSEMBLIES SHALL BE CENTERED IN METAL ROOF PANELS. NO PENETRATIONS ARE ALLOWED WITHIN SEAMS OF METAL ROOF PANELS. THE PLUMBING CONTRACTOR SHALL COORDINATE PENETRATIONS WITH THE ROOFER AS REQUIRED. REFER TO PENETRATION FLASHING DETAIL AT METAL ROOF ASSEMBLIES FOR CLEARANCES BETWEEN LIVE STANDING SEAM AND BASE OF PENETRATING ROOF FLANGE.
7. ALL ROOF PENETRATION AND FLASHING WORK SHALL BE THE RESPONSIBILITY OF THE ROOFING CONTRACTOR AND SHALL BE COVERED AS PART OF THE MANUFACTURER'S WARRANTY.
8. PROVIDE 3 INCHES INSULATION CRICKETS AT HIGH SIDES OF ALL ROOF MOUNTED EQUIPMENT, SKYLIGHTS, CURBS, ETC. AND FLOOD WALLS AS REQUIRED TO PROVIDE POSITIVE DRAINAGE. SLOPE FOR ALL CRICKETS SHALL MATCH THE ADJACENT ROOF ASSEMBLY. SLOPE = 1/4" PER FOOT UNLESS, CRICKETS ARE NOT CONSTRUCTION ARE SHOWN FOR INTENT AND APPROVED TO SCALE. REFER TO THE NRCA ROOFING MANUAL, CURRENT EDITION.
9. ALL ROOF AND WALL FLASHING TERMINATIONS, COPINGS, EDGE METAL SHALL MEET CSH STANDARDS.
10. WHERE REFERENCE DIMENSIONS ARE FOR GENERAL INTENT OF LOCATION, THE ROOFING AND PLUMBING CONTRACTOR SHALL COORDINATE THE EXACT LOCATION WITH STRUCTURAL DRAWING. IF REQUIRED, ROOF DRAIN LOCATIONS SHALL BE ADJUSTED AS REQUIRED TO AVOID CONFLICTS WITH STRUCTURAL FRAMING.

KEYNOTE LEGEND

06 10 00.NM	NATURAL WOOD BRANCHES (DE SKINNED) IN HORIZONTAL SECTION 4" DIA. AT TYPICAL, MIN. 10' SPACING - BASIS OF DESIGN - SUBSTITUTIONS PERMITTED AS APPROVED BY OWNER.
06 10 00.WD	2" x 12" WOOD BEAM - DOUGLAS FIR - SAND WITH 100 GRIT SANDPAPER - SEAL W/ ACRYL STAIN
06 16 00.BRCK	TRUE CRICKETS - REFER TO ARCHITECTURAL
07 31 00.RM	TPO - UNDERLAYMENT PER MANUFACTURER'S RECOMMENDATIONS
07 54 00.CR	CRICKETS - SLOPE TO ROOF AS SHOWN
07 54 00.TM	SQUARE HOT DIPPED GALVANIZED STEEL 4 X 4 X 1/4 INSULATION MANUFACTURER'S SPECIFICATIONS
07 61 00.RS	UNDERLAYMENT SLOPE - REFER TO CIVIL
07 62 00.GSM	SHEAR METAL SCUPPER - 24 GAUGE GALVANIZED STEEL - ROTOR TO DETAIL SCHEDULE - PAINT WHITE
07 54 00.PC	TRADITIONAL 2" WOOD - PORTLAND CEMENT AND LIME BASED, FIBER REINFORCED, SYNTHETIC PRIMER / CONTEMPORARY FINISHES REPRESENTS a FINISH COAT PER SYNTHETIC PRIMER / CONTEMPORARY FINISHES REPRESENTS a FINISH COAT COLOR - WHITE TO MATCH BUILDING FINISH COAT
07 72 00.RVCU	CONDENSING UNIT - REFER TO MECHANICAL

ROOF TYP LEGEND

MARK	PLAN	SECTION
A	A	07 54 00.TM; 07 61 00.RS; 06 10 00.WD; R-38 BATT INSULATION, TYP

BLACK RAT TATTOO
1001 CALLE DE CORREO,
MESILLA, NM 88049

DESIGN DEVELOPMENT
CONSTRUCTION DOCUMENTS

DATE
BY
REVISIONS

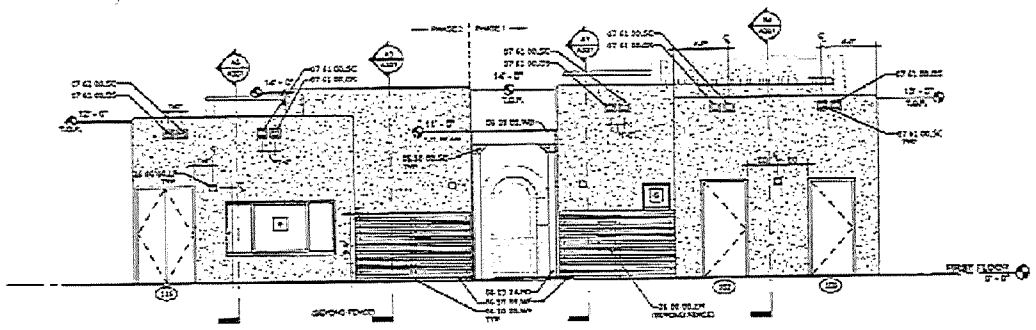
0431ST FRYC KRM ARCHITECTS

STATE OF NEW MEXICO
REGISTERED
ARCHITECT

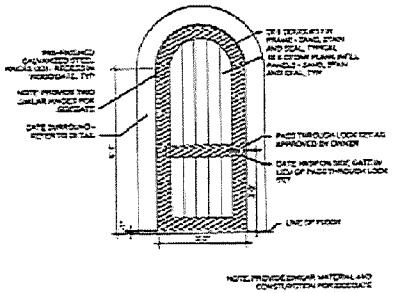
PROJECT NO.
440-01

SHEET TITLE
ROOF PLAN

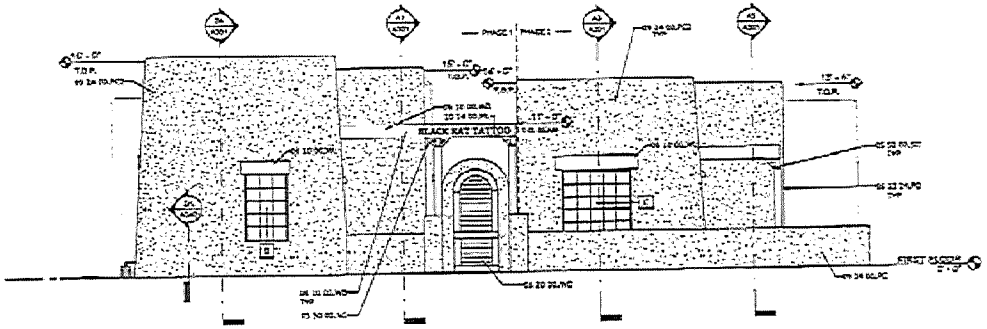
SHEET NO.
A131



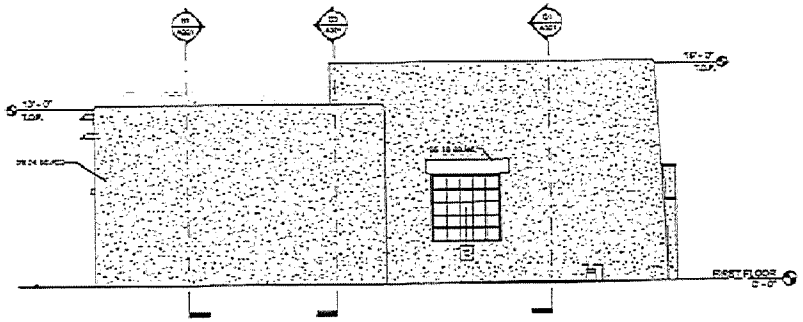
D1 / A201 WEST ELEVATION
1/4" = 1'-0"



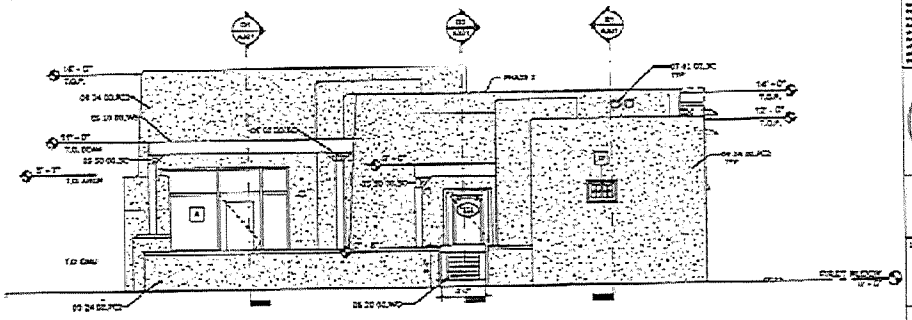
B2 / A201 WOOD GATE DETAIL
1/2" = 1'-0"



B4 / A201 EAST ELEVATION
1/4" = 1'-0"



A1 / A201 SOUTH ELEVATION
1/4" = 1'-0"



A4 / A201 NORTH ELEVATION
1/4" = 1'-0"

GENERAL NOTES

A. ROFCA TO WINDOW TYPE LEGEND FOR WINDOW DETAIL
B. 20 - ALL PENETRATION AT EXTERIOR WALLS THROUGH RIGID CEMT PANELS INSULATION WITH MT DEAN COLLAPS FOAM INSULATION
C. SEAL ALL PENETRATIONS THROUGH FIRE RATED WALLS IN HIGH FIRE STOPPING THAT MEETS OR EXCEEDS THE FIRE RATING OF THE WALLS
D. REFER TO ELECTRICAL FOR EXTERIOR LIGHT FIXTURES

KEYNOTE LEGEND

01 30 00.00.AC	OTTER CORBEL - REFER TO DETAILS C1/S304 AND C2/S304 FOR MATERIAL AND FINISH
06 10 00.00.WD	2" X 12" WOOD BEAM - DOUGLAS FIR - SAND WITH 220 GRIT SANDPAPER - STAIN AND SEAL
06 15 00.00.WP	PRESSURE TREATED 1X4 FENCE PANEL - APPROVALS FROM ROOFS - PAINT
09 10 00.00.MP	PERFORATED METAL PANEL WITH LIGHTS - CEDAR - STAIN AND SEAL
09 10 00.00.WP	RECTANGULAR TRAPEZOID WOOD PANEL WITH WOOD ROOF - SEAL
09 13 24.00.WD	6" COAL DOUGLAS FIR POST - SAND, STAIN AND SEAL - SUBSTITUTIONS PERMITTED AS APPROVED BY OWNER
09 21 23.00.WD	WOOD CRATE - REFER TO WOOD SELECT - STAIN AND SEAL
07 91 23.00.AC	CAMPBELL SEALANT - WHITE TO DETAIL
07 60 00.00.MC	BRASS METAL COPING - 24 GA SAUSALITO CLASS - REFER TO DETAIL C1/A101 - PAINT WHITE
09 24 00.PC	TRADITIONAL STUCCO - PORTLAND CEMENT AND LIME PLASTER TYPE C SAND - NO DECORATIVE STUCCO / STANDARD FINISHES PERMITTED - FINISH COAT COLOR - WHITE TO MATCH BUILDING FINISH COAT
09 24 00.PC	PORTLAND CEMENT PLASTER, THREE-COAT, 3/4" - FINISH COAT COLOR - WHITE
10 14 00.00.MC	24" SIGNAGE LETTERS - ANODIZED BRASS - 6" HIGH - 1" THICK - PROVIDE MOUNTING STUDS TO PROVIDE LETTERS 1" FROM MOUNTING SURFACE - ARCHITECTURAL FRANKLIN 2 3/4 FONT - SUBSTITUTIONS PERMITTED AS APPROVED BY OWNER
26 00 00.FM	WATERFALL HOTEL - REFER TO ELECTRICAL
26 00 00.LF	LIGHT FIXTURE - REFER TO ELECTRICAL

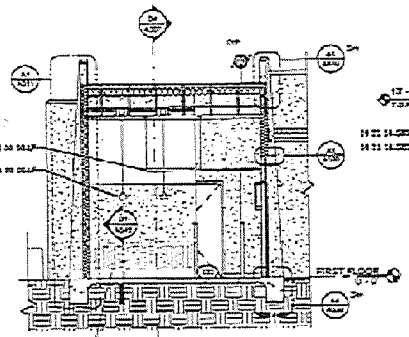
BLACK RAT TATTOO
1001 CALLE DE CORREO,
MESILLA, NM 88046

DESERT PEAK ARCHITECTS

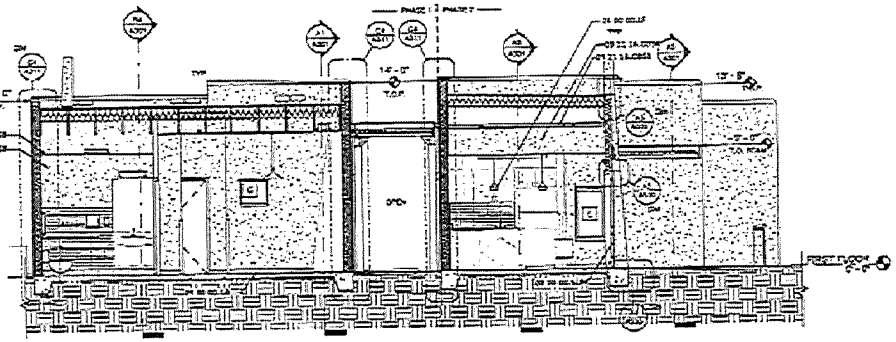
PROJECT NO.
450C1

SHEET TITLE
EXTERIOR ELEVATIONS

SHEET NO.
A201



D1 A301 BUILDING SECTION
1/4" = 1'-0"



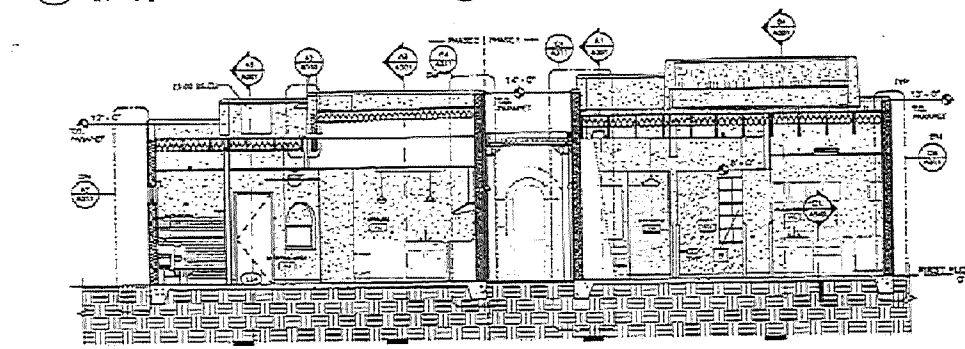
D3 A301 BUILDING SECTION
1/4" = 1'-0"

GENERAL NOTES

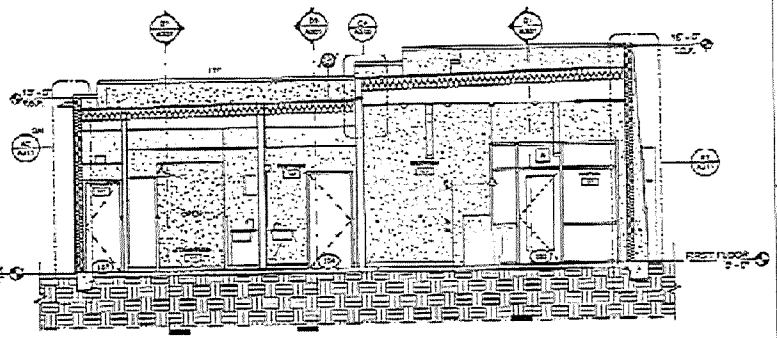
A. ALL DIMENSIONS ARE TO FACE OF STUD U.N.O.
B. KEYNOTE SHEET GIVES FOR MOUNTING HEIGHTS
C. PROVIDE BACKING AT ALL SHELVES, BRACKETS AND WALL HUNG FIXTURES
D. ALL WALL TYPES ARE SHOWN ON PLAN. FOR FIRE WALLS, EXTEND FIRE WALL ASSEMBLY ABOVE ROOF PER FIRE TO WALL. UP STOP FOR WALLS SURROUNDING AREA WITH NON-COMBUSTIBLE EXTEND GYPSUM WALL BOARD TO CEILING FOR ALL OTHER WALLS. EXTEND GYPSUM WALL BOARD 6" MIN. ABOVE THE CEILING
E. PROVIDE CERAMIC TILE IN ALL ROOMS WHERE FINISH FLOOR IS TILE
F. PROVIDE TILE BACKER BOARD ALL TILED WALL SURFACES. PROVIDE MOISTURE RESISTANT WALL BOARD ABOVE ALL TILE WALL SURFACES
G. PROVIDE FRONTS & CORNER GUARDS AT ALL EXTERIOR GYPSUM BOARD CORNERS
H. PROVIDE ROOM IDENTIFICATION SIGNAGE IN COMMERCIAL SECTION PER INTERNATIONAL SYMBOL OF ACCESSIBILITY. INCLUDE ROOM NAMES, NUMBERS AND GRAPHICS @ TOILET ROOMS WITH BRAILLE @ 60" A.F.F.

KEYNOTE LEGEND

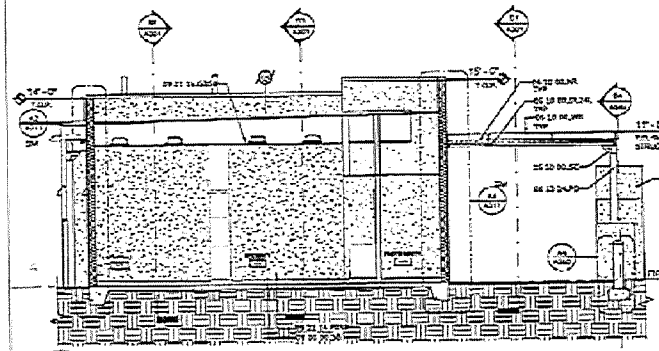
09 14 00.00	STEEL STUDS - 6" EPOXY TO EXTERIOR SIDE AND COVE WALL PAINT AND PAINT
09 21 16	25# DRYWALL FOR LEDGER + SAND WITH 100 GRIT SANDPAPER - STAIN BAT SEAL
09 22 16.00	
09 30 00.00	METAL MOSAIC BRAINWORKS (LIE SAMPLE) 24 HEXAGONS PER TILE 1 x 1 x 1/2" THK. NON-MAGNETIC FIBER - MAGNUS CORPORATION - BLACK STRUTURING, POINTING AS SHOWN TO SUNDER
09 51 23.00	3/4" 1/2" WAVY SEAM - SOUTHWEST CO. - SANDWITH 100 GRIT SANDPAPER - STAIN NATURAL
09 51 23.00	3/4" DIA. DOUGLAS FIR POLE - SAND, STANDARD DIAL - SANDWITH 100 GRIT SANDPAPER AS SHOWN BY OWNER
09 51 23.00	EXCEPTION FOR MUSIC ROOM - NO POLE, STAINLESS
09 51 23.00	CONCEPTUAL REFERENCE - SILVER - CONCEPTUAL
09 65 00.00	CONCRETE FLOOR
09 65 00.00	MAINTENANCE SHOP
09 71 13.00	1 HOUR GYPSUM BOARD CEILING - TAPE & FINISHING AS NEEDED FOR PAINT
09 91 23.16	GYPSUM BOARD CO.1 - REPAIRS & PAINT AND TEXTURE - PAINT
09 91 23.16	GYPSUM BOARD CO.2, STANDARD TAPE AND TEXTURE (SAME AS TEXTURE TYP.) - PAINT
09 96 59.23	
09 97 23.00	PROFESSIONAL CLASSIC - PORT, ANTI-TYPE W/ AND LIME BASED, THIN COAT - NO ORIGINAL CLASSIC / SATISFORCE FINISHES PERMITTED - FINISH COAT COLOR - MATCH TO MATCH IN SLIDING TRACK CORP.
22 00 00.00	PLUMBING UNIT - REFER TO MECHANICAL
26 00 00.00	ELECTRICAL - REFER TO ELECTRICAL



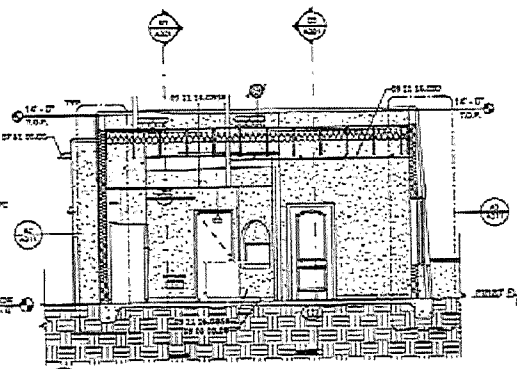
B1 A301 BUILDING SECTION
1/4" = 1'-0"



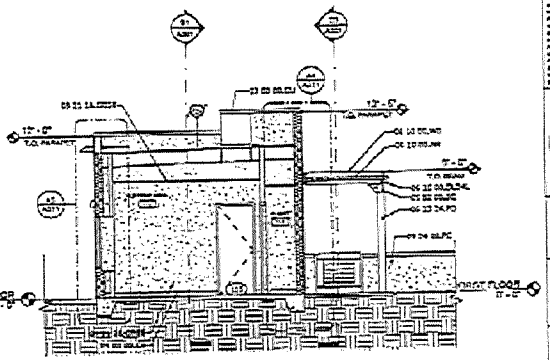
B4 A301 BUILDING SECTION
1/4" = 1'-0"



A1 A301 BUILDING SECTION
1/4" = 1'-0"



A3 A301 BUILDING SECTION (PHASE 2)
1/4" = 1'-0"



A5 A301 BUILDING SECTION (PHASE 2)
1/4" = 1'-0"

BLACK RAT TATTOO
1901 CALLE DE CORREO,
MESILLA, NM 88046

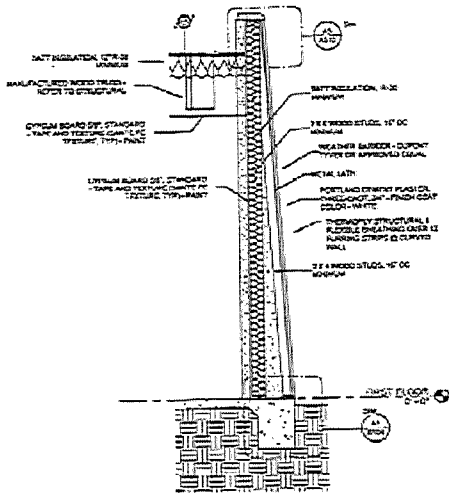
DESIGN PLAN
CONSTRUCTION DOCUMENTS

DESIGN PLAN ARCHITECTS

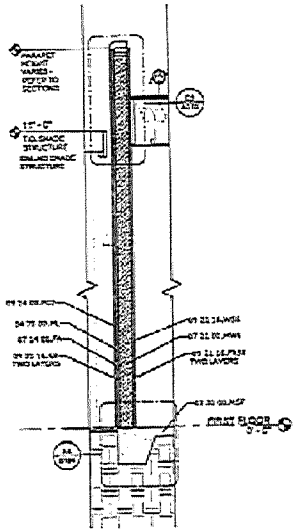
PROJECT NO.
180 01

BUILDING SECTIONS

SHEET NO.
A301



C3 / A311 WALL SECTION - CANTED WALL
1/2" = 1'-0"



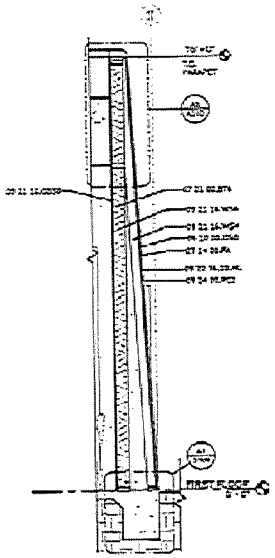
C2 / A311 WALL SECTION - 2 HOUR FIRE WALL
1/2" = 1'-0"

GENERAL NOTES

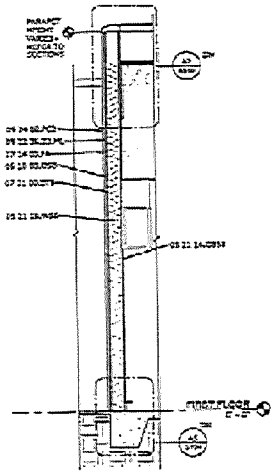
[illegible]

KEYNOTE LEGEND

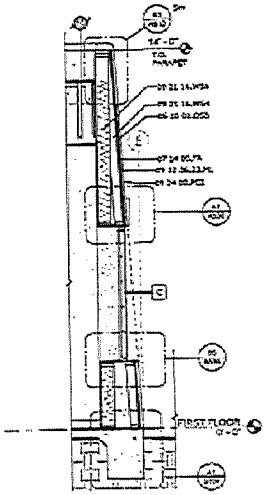
[illegible]



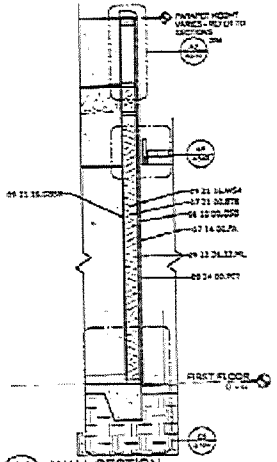
A1 / A311 WALL SECTION - CANTED WALL
1/2" = 1'-0"



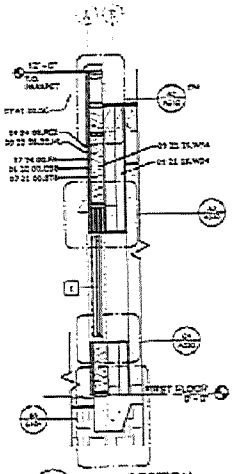
A2 / A311 WALL SECTION
1/2" = 1'-0"



A3 / A311 WALL SECTION
1/2" = 1'-0"



A4 / A311 WALL SECTION
1/2" = 1'-0"



A5 / A311 WALL SECTION
1/2" = 1'-0"

BLACK RAT TATTOO
1901 CALLE DE CORREO,
MESILLA, NM 88046

DESIGN PEAK ARCHITECTS

PROJECT NO.
450-01

SHEET TITLE
WALL SECTIONS

SHEET NO.
A311

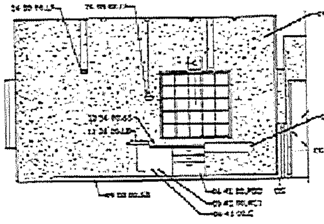
EQUIPMENT SCHEDULE		
TYPE	NAME	COMMENTS
[illegible]	CORNER GUARD	
[illegible]	CURTAIN ROD	[illegible]
[illegible]	[illegible]	
[illegible]	[illegible]	
[illegible]	[illegible]	
[illegible]	[illegible]	
[illegible]	[illegible]	
[illegible]	[illegible]	
[illegible]	[illegible] MIRROR	
[illegible]	FULL HEIGHT MIRROR	OWNER PROVIDED, OWNER INSTALLED– CONTRACTOR TO PROVIDE [illegible] BLOCKING
[illegible]	PAPER TOWEL DISPENSER	[illegible]
[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	
[illegible]	[illegible] PAPER DISPENSER	
[illegible]	TOWEL SHELF	

KEYNOTE LEGEND

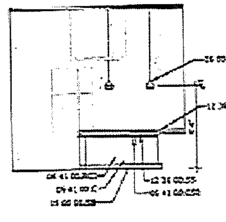
[illegible]	[illegible]
[illegible]	ADA COMPLIANT [illegible] LAMINATE BASE CABINET WITH [illegible]
[illegible]	PLASTIC LAMINATE [illegible]
[illegible]	[illegible]
[illegible]	PLASTIC LAMINATE FACED BASE CABINET [illegible]
[illegible]	PLASTIC LAMINATE FACED CORNER BASE CABINET [illegible]
[illegible]	PLASTIC LAMINATE FACED [illegible]
[illegible]	PLASTIC LAMINATE FACED [illegible]
[illegible]	PLASTIC LAMINATE [illegible]
[illegible]	PLASTIC LAMINATE FACED UPPER CABINET [illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	GYPSUM BOARD [illegible] – PAINT
[illegible]	GYPSUM BOARD 5/8", STANDARD – [illegible] – PAINT
[illegible]	GYPSUM BOARD, 5/8", MOISTURE RESISTANT – TAPE, TEXTURE AND PAINT
[illegible]	[illegible]
[illegible]	[illegible] CERAMIC WALL TILE, [illegible]
[illegible]	[illegible] CERAMIC WALL TILE, ACCENT COLOR [illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible] COUNTERTOP – [illegible] – BASIS OF DESIGN – MATERIAL TO BE SELECTED BY OWNER
[illegible]	[illegible] SOLID SURFACE COUNTERTOP OVER [illegible] – BASIS OF DESIGN – SUBSTITUTIONS PERMITTED AS APPROVED BY OWNER
[illegible]	PLUMBING FIXTURE – REFER TO PLUMBING
[illegible]	SINK – [illegible] – REFER TO PLUMBING
[illegible]	LIGHT FIXTURE – REFER TO ELECTRICAL

GENERAL NOTES

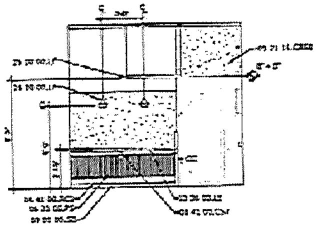
A. ALL FINISH MATERIALS AND PATTERNS SHOWN ARE BASIS OF DESIGN MATERIALS AND PATTERNS. SUBSTITUTIONS PERMITTED AS APPROVED BY OWNER.
B. ALL DIMENSIONS ARE TO FACE OF STUD [illegible]
C. REFERENCE SHEET [illegible] FOR MOUNTING HEIGHTS.
D. PROVIDE BACKING AT ALL SHELVES, BRACKETS AND WALL HUNG FIXTURES AND WALL HUNG ACCESSORIES.
E. PROVIDE CERAMIC TILE IN ALL RESTROOMS FROM FINISHED FLOOR TO [illegible] A.F.F. U.N.O. ON ALL WALLS. [illegible] UNDER ALL TILED WALL SURFACES. PROVIDE MOISTURE RESISTANT GYPSUM [illegible] ABOVE ALL TILED WALL SURFACES.
F. PROVIDE SIMILAR TILE PATTERNS ON RESTROOM WALLS IF ELEVATION IS NOT SHOWN.
G. PROVIDE [illegible] CORNER GUARDS AT ALL OUTSIDE GYPSUM BOARD CORNERS.
H. PROVIDE ROOM IDENTIFICATION SIGN IN COMMERCIAL PORTION [illegible] INTERNATIONAL SYMBOL OF ACCESSIBILITY. INCLUDE ROOM NAME & NUMBER AND GENDER GRAPHIC @ TOILET ROOMS WITH BRAILLE [illegible] A.F.F.
I. MOUNT LAVATORY MIRRORS DIRECTLY ABOVE LAVATORY OR COUNTER.
J. REFER TO [illegible] FOR TYPICAL CABINET DETAILS FOR CONSTRUCTION.



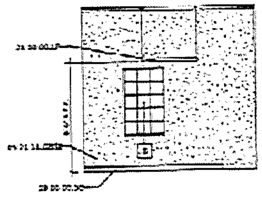
C2 A401 RECEPTION 103 LOOKING SOUTH
1/4" = 1'-0"



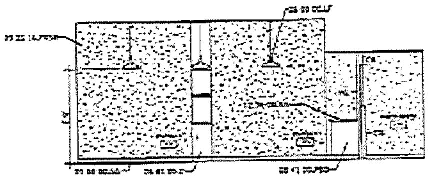
C3 A401 RECEPTION 103 LOOKING EAST
1/4" = 1'-0"



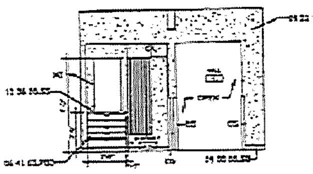
C4 A401 WAITING LOOKING SOUTH
1/4" = 1'-0"



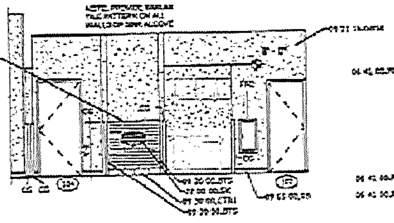
C5 A401 WAITING LOOKING EAST
1/4" = 1'-0"



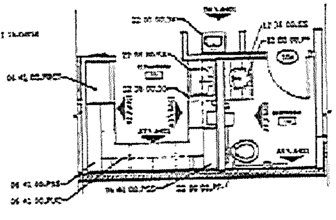
B2 A401 STATIONS LOOKING NORTH
1/4" = 1'-0"



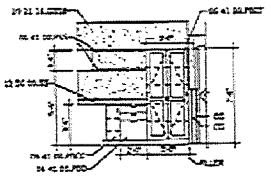
B3 A401 STATION 1 LOOKING EAST
1/4" = 1'-0"



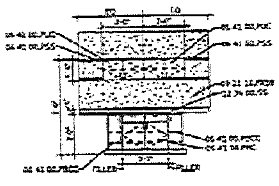
B4 A401 HALL 102 LOOKING SOUTH
1/4" = 1'-0"



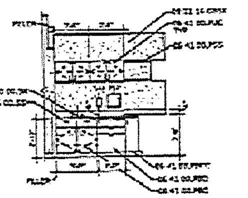
B5 A401 ENLARGED FLOOR PLAN
1/4" = 1'-0"



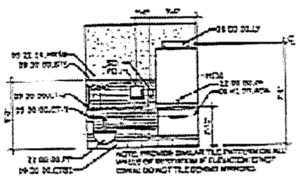
A1 A401 CLEAN ROOM LOOKING WEST
1/4" = 1'-0"



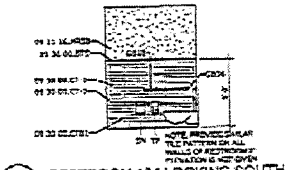
A2 A401 CLEAN ROOM LOOKING SOUTH
1/4" = 1'-0"



A3 A401 CLEAN ROOM LOOKING EAST
1/4" = 1'-0"



A4 A401 RESTROOM 104 LOOKING WEST
1/4" = 1'-0"



A5 A401 RESTROOM 104 LOOKING SOUTH
1/4" = 1'-0"

BLACK RAT TATTOO
1901 CALLE DE CORREO,
MESILLA, NM 88046

DESERT PEAK ARCHITECTS

PROJECT NO.
400-01

SHEET TITLE
ENLARGED FLOOR PLANS & INTERIOR ELEVATIONS

SHEET NO.
A401

EQUIPMENT SCHEDULE

TYPE	NAME	COMMENTS
[illegible]	[illegible]	[illegible]

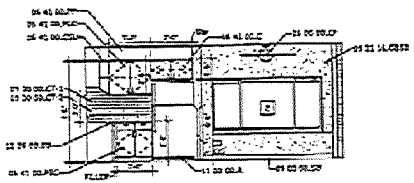
GENERAL NOTES

A. ALL FINISH MATERIALS AND PATTERNS SHOWN ARE BASIS OF DESIGN MATERIALS AND PATTERNS - SUBSTITUTIONS PERMITTED AS APPROVED BY OWNER.
B. ALL DIMENSIONS ARE TO FACE OF STUD U.N.O.
C. PROVIDE SHEET GLASS FOR MOUNTING HEIGHTS
D. PROVIDE BACKING AT ALL SHELVES, BRACKETS AND WALL HUNG FIXTURES AND WALL HUNG ACCESSORIES
E. PROVIDE CERAMIC TILE IN ALL RESTROOMS FROM FINISHED FLOOR TO 4'-0" A.F.F. U.N.O. ON ALL WALLS. PROVIDE TILE BATTERY UNDER ALL TUB/SHOWER ENCLOSURES. PROVIDE MOISTURE RESISTANT GYPSUM WALL BOARD ON ALL TILED WALLS. SEE I.D. SHEET BLOCK
F. PROVIDE SIMILAR TILE PATTERNS ON RESTROOM WALLS IF ELEVATION IS NOT GIVEN
G. PROVIDE 4 CORNER GUARDS AT ALL OUTSIDE GYPSUM BOARD CORNERS
H. PROVIDE ROOM IDENTIFICATION SIGN IN COMMERCIAL PORTION WITH INTERNATIONAL SYMBOL OF ACCESSIBILITY. INCLUDE ROOM NAME & NUMBER AND DEVICE (SAN TAG) IN TOILET ROOMS WITH BRAILLE IN ACCORDANCE WITH A.D.A.
I. MOUNT LAVATORY HARDWARE DIRECTLY ABOVE LAVATORY OR COUNTER.
J. REFER TO ISSUE FOR TYPICAL CABINET DETAILS FOR CONSTRUCTION.

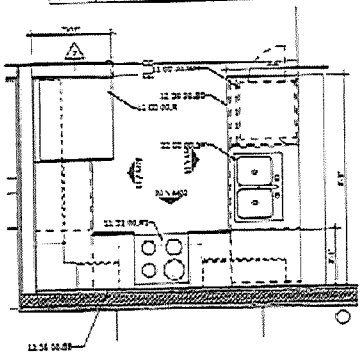
NOTE: ALL DIMENSIONS AND ENLARGED FLOOR PLANS CHART ART TO BE INCLUDED IN PHASE 2 OF THE PROJECT. REFER TO PHASING SCHEDULE

KEYNOTE LEGEND

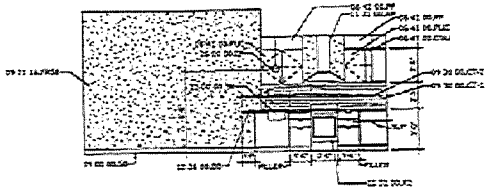
06 41 00.00	PLASTIC LAMINATE COUNTERS
09 67	PLASTIC LAMINATE OVER 3/4" HDF UNDERLAYMENT
09 67 00.00	
09 67 00.00 [illegible]	PLASTIC LAMINATE OVER 3/4" HDF UNDERLAYMENT WITH EDGING
	PLASTIC LAMINATE WITH STEEL SHELF
06 41 00.00 [illegible]	PLASTIC LAMINATE + ALSO BASE CABINET W/ 3/4" HDF UNDERLAYMENT
09 67 00.00 [illegible]	PLASTIC LAMINATE FACED WALL PANELS W/ 3/4" HDF UNDERLAYMENT, EXTEND FROM FLOR TO CEILING, CONNECT TO FLOG BEADING
06 41 00.00 [illegible]	PLASTIC LAMINATE FACED UPPER CABINETS W/ 3/4" HDF UNDERLAYMENT
06 00 00.00	WOOD CABINETRY
09 29 10.00 [illegible]	GYPSUM BOARD 1/2", PRIMARY G. TAPE AND TEXTURE + PAINT
09 21	GYPSUM BOARD 1/2", STANDARD + TAPE AND TEXTURE (SAME TE
16.00 [illegible]	[illegible]
09 21	GYPSUM BOARD, 5/8", MOISTURE RESISTANT + TAPE, TEXTURE AND
15.00 [illegible]	PAINT
09 30 00.00 [illegible]	[illegible]
09 30 00.00 [illegible]	[illegible]
09 30 00.00 [illegible]	[illegible]
09 30 00.00 [illegible]	[illegible]
09 30 00.00 [illegible]	[illegible]
15.00 00.00	[illegible]
15.00 00.00	[illegible]
23 00 00.00	[illegible]
15 21 00.00	[illegible]
15 21 00.00	[illegible]
12 36 00.00	[illegible]
12 36 00.00	[illegible]
27 00 00.00	[illegible]
26 51 00.00	[illegible]
26 51 00.00	[illegible]
26 00 00.00	[illegible]
26 00 00.00	[illegible]



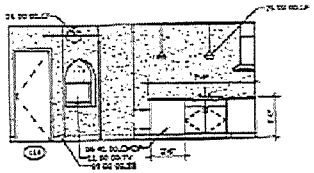
C3 / A402 KITCHEN LOOKING WEST
1/4" = 1'-0"



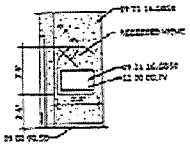
C4 / A402 ENLARGED FLOOR PLAN - KITCHEN
1/2" = 1'-0"



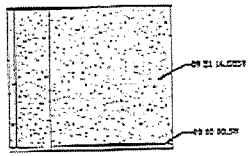
B2 / A402 KITCHEN LOOKING SOUTH
1/4" = 1'-0"



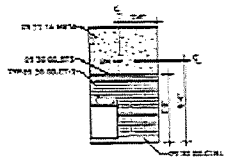
B3 / A402 KITCHEN LOOKING EAST
1/4" = 1'-0"



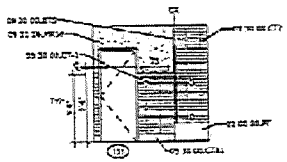
B4 / A402 TELEVISION NICHE
1/4" = 1'-0"



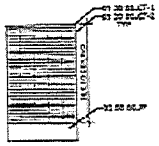
B5 / A402 LIVING AREA LOOKING EAST
1/4" = 1'-0"



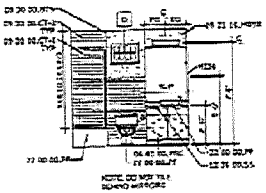
A1 / A402 RESTROOM 115 LOOKING EAST
1/4" = 1'-0"



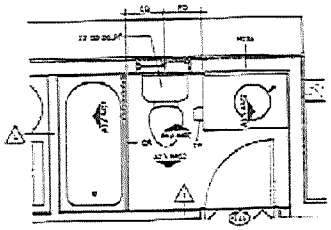
A2 / A402 BATHROOM 115 LOOKING SOUTH
1/4" = 1'-0"



A3 / A402 BATHROOM 115 LOOKING WEST
1/4" = 1'-0"



A4 / A402 BATHROOM 115 LOOKING NORTH
1/4" = 1'-0"



A5 / A402 ENLARGED FLOOR PLAN - BATHROOM 115
1/2" = 1'-0"

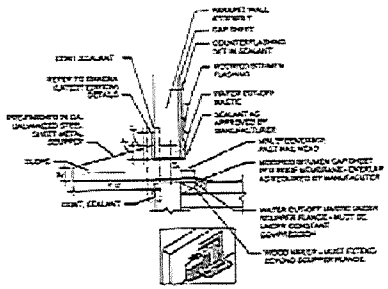
BLACK RAT TATTOO
1001 CALLE DE CORREO,
MESILLA, NM 88046

DESERT PEAK ARCHITECTS

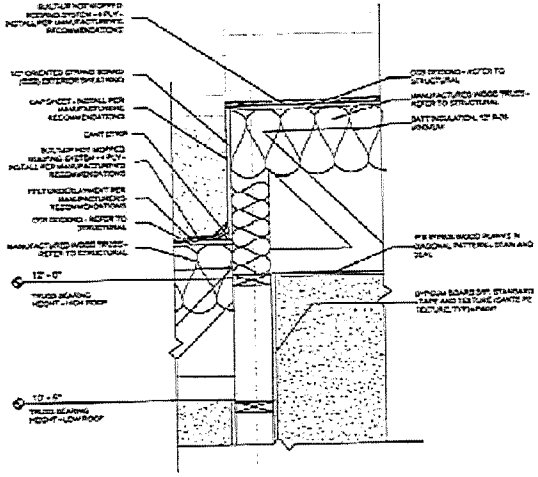
PROJECT NO.
ASC 01

ENLARGED FLOOR PLANS & INTERIOR ELEVATIONS

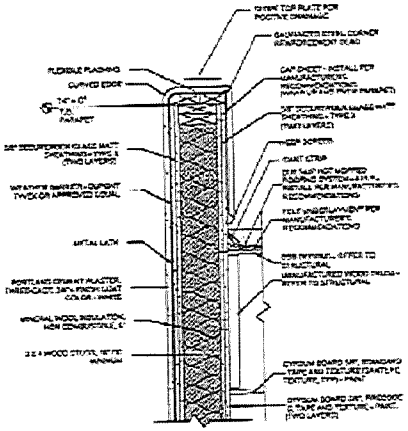
SHEET NO.
A402



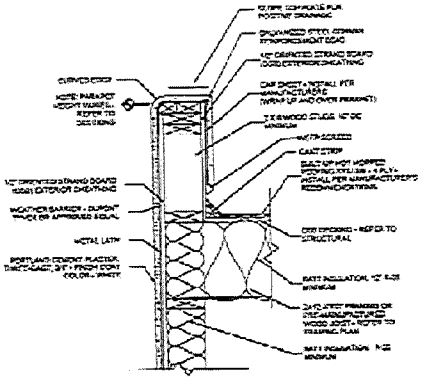
C2 / A510 SCUPPER DETAIL
1 1/2" = 1'-0"



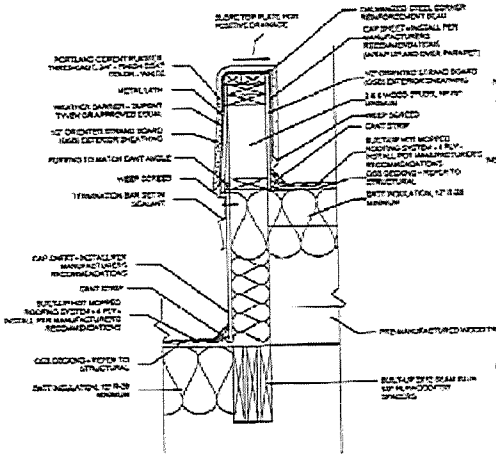
C4 / A510 ROOF TRANSITION DETAIL
1 1/2" = 1'-0"



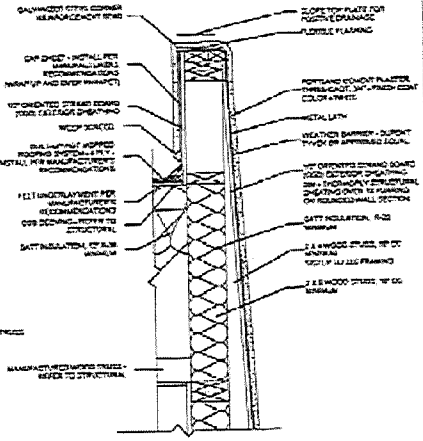
C5 / A510 07 PARAPET DETAIL - FIRE WALL
1 1/2" = 1'-0"



A2 / A510 TYPICAL EIFS PARAPET DETAIL
1 1/2" = 1'-0"



A3 / A510 ROOF TRANSITION DETAIL
1 1/2" = 1'-0"



A5 / A510 PARAPET DETAIL - CANTED WALL
1 1/2" = 1'-0"

BLACK RAT TATTOO
1901 CALLE DE CORREO,
MESILLA, NM 88046

DESIGN
CONSTRUCTION DOCS

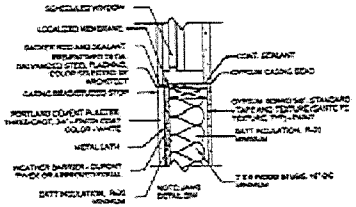
DESERT PEAK ARCHITECTURE & P.C.

STATE OF NEW MEXICO
REGISTERED
ARCHITECT

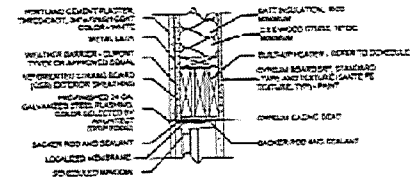
PROJECT NO.
420-01

ROOF DETAILS

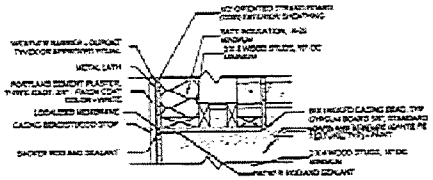
SHEET NO.
A510



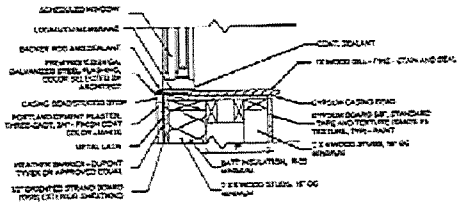
D4 A530 SILL DETAIL
1 1/2" = 1'-0"



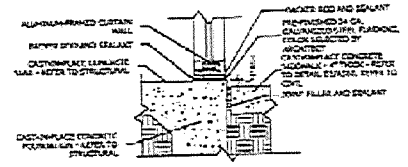
D5 A530 HEAD DETAIL
1 1/2" = 1'-0"



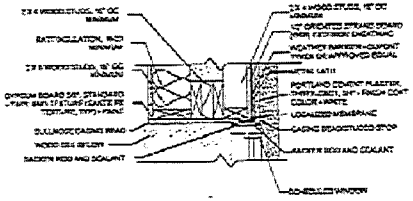
C7 A530 JAMB DETAIL
1 1/2" = 1'-0"



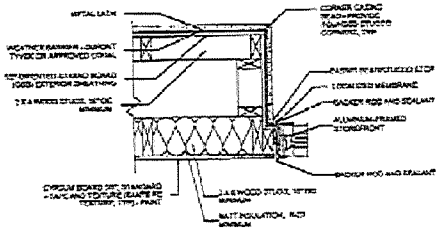
C4 A530 SILL DETAIL
1 1/2" = 1'-0"



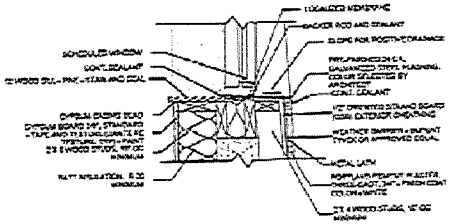
C5 A530 ALUMINUM SILL DETAIL @ FOUNDATION
1 1/2" = 1'-0"



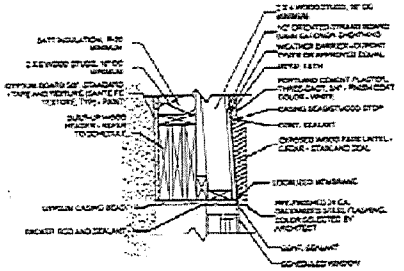
B2 A530 ALUMINUM JAMB DETAIL
1 1/2" = 1'-0"



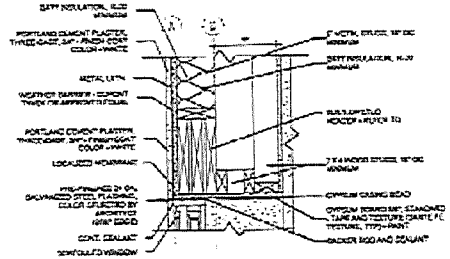
B4 A530 ALUMINUM JAMB DETAIL
1 1/2" = 1'-0"



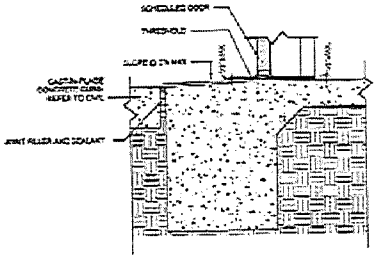
B5 A530 SILL DETAIL - CANTED WALL
1 1/2" = 1'-0"



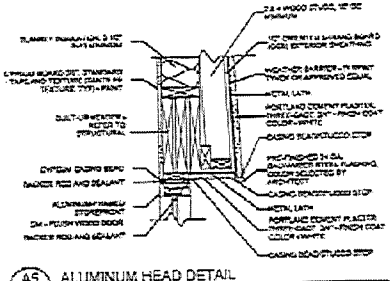
A1 A530 HEAD DETAIL
1 1/2" = 1'-0"



A3 A530 SLIDING WINDOW HEAD DETAIL
1 1/2" = 1'-0"



A4 A530 THRESHOLD DETAIL
1 1/2" = 1'-0"



A5 A530 ALUMINUM HEAD DETAIL
1 1/2" = 1'-0"

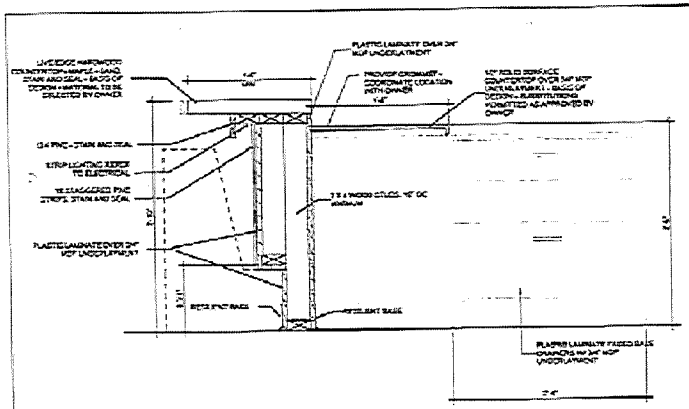
BLACK RAT TATTOO
1901 CALLE DE CONEJO,
MESILLA, NM 88046

DESERT PEAK ARCHITECTS

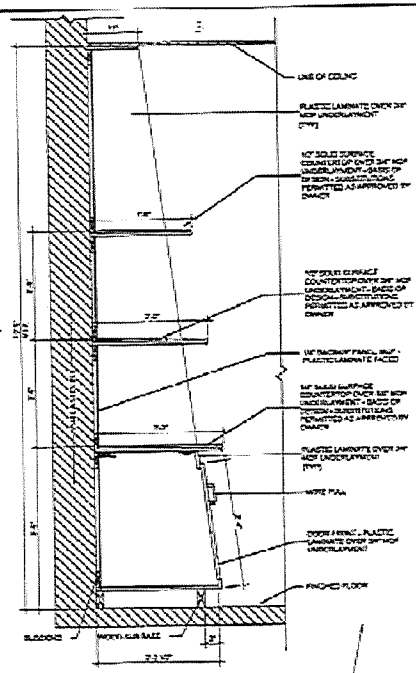
PROJECT NO.
450 01

SHEET TITLE
WINDOW DETAILS

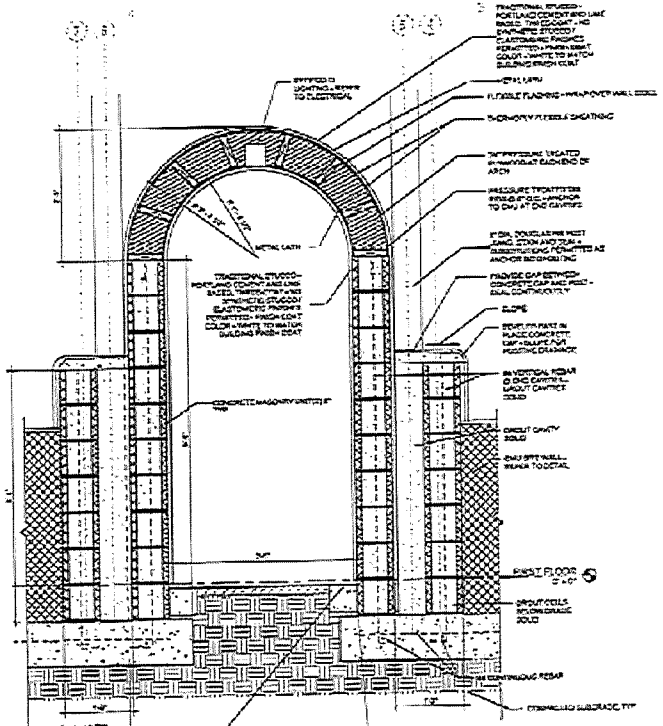
SHEET NO.
A530



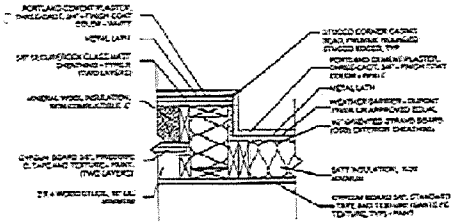
D1 / A540 RECEPTION CASEWORK SECTION
1 1/2" = 1'-0"



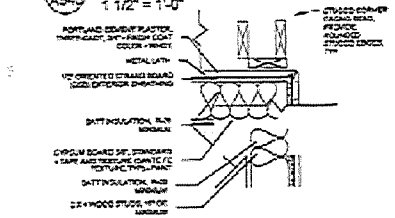
C3 / A540 SLANTED CASEWORK SECTION
1" = 1'-0"



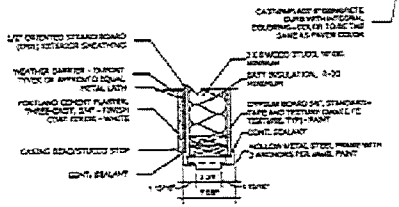
B4 / A540 ENTRY GATE SECTION
1" = 1'-0"



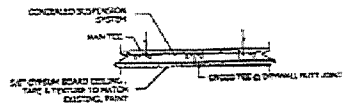
C1 / A540 MATERIAL TRANSITION DETAIL
1 1/2" = 1'-0"



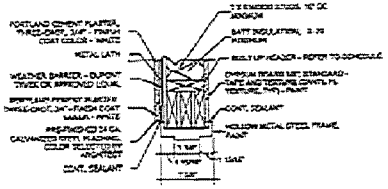
B1 / A540 ENVELOPE DETAIL - WOOD PLANK CORNER
1 1/2" = 1'-0"



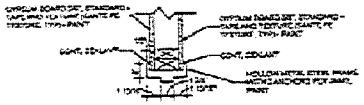
B2 / A540 HM JAMB DETAIL - EIFS
1 1/2" = 1'-0"



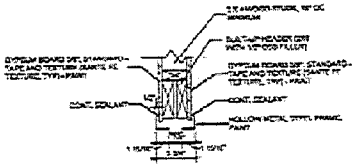
B5 / A540 GYP BOARD CEILING DETAIL
1 1/2" = 1'-0"



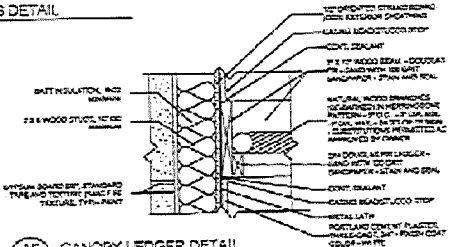
A2 / A540 HM HEAD DETAIL - EIFS
1 1/2" = 1'-0"



A3 / A540 INTERIOR HM JAMB DETAIL
1 1/2" = 1'-0"



A4 / A540 INTORIOR HM HEAD DETAIL
1 1/2" = 1'-0"



A5 / A540 CANOPY LEDGER DETAIL
1 1/2" = 1'-0"

BLACK RAT TATTOO
1901 CALLE DE COMERCIO,
MESILLA, NM 88046

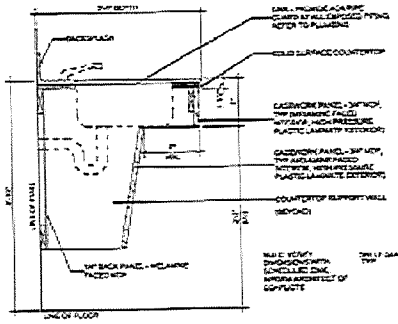
DESIGN PEER ARCHITECTS

STATE OF NEW MEXICO
REGISTERED ARCHITECT

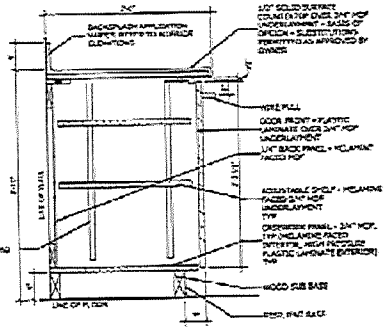
PROJECT NO.
45041

DETAILS

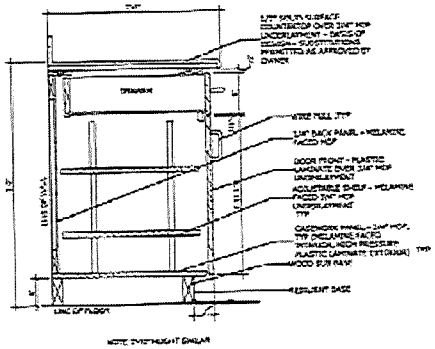
SHEET NO.
A540



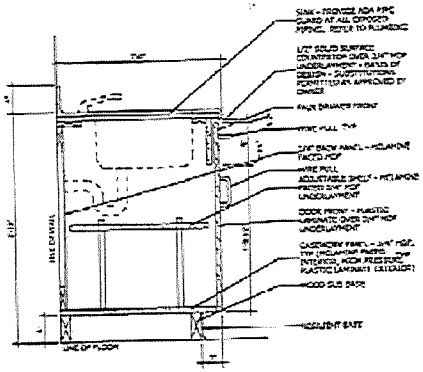
D1 A550 ADA SINK CASEWORK DETAIL
1 1/2" = 1'-0"



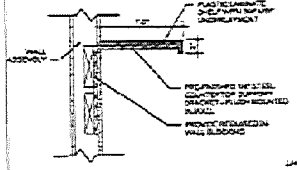
D2 A550 TYP BASE CABINET DETAIL - 2'-10" HEIGHT
1 1/2" = 1'-0"



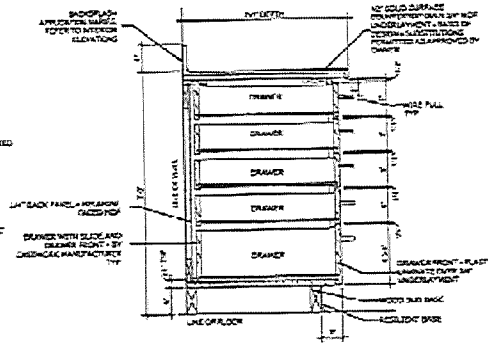
D3 A550 CASEWORK DETAIL - CABINET BASE W/ DRAWER
1 1/2" = 1'-0"



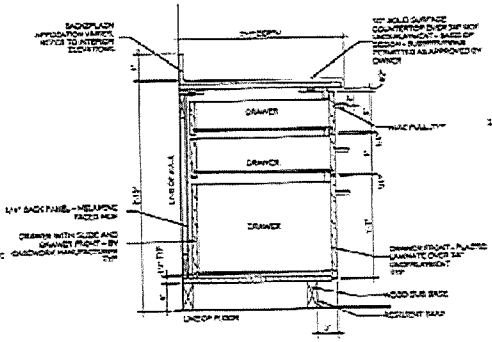
D5 A550 TYP BASE CABINET DETAIL W/ SINK - 2'-10" HEIGHT
1 1/2" = 1'-0"



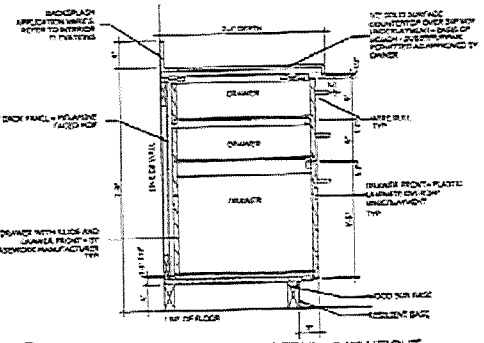
B1 A550 P. LAMINATE SHELF DETAIL
1 1/2" = 1'-0"



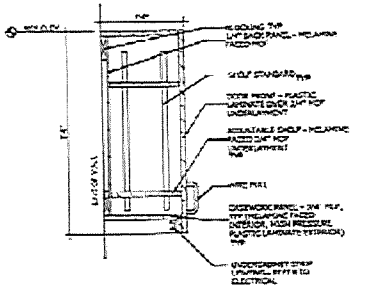
B2 A550 BASE CABINET DRAWER DETAIL - 5 DRAWERS
1 1/2" = 1'-0"



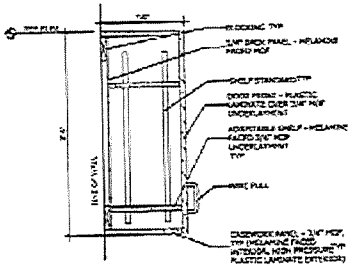
B3 A550 TYP BASE CABINET DRAWER DETAIL - 2'-10" HEIGHT
1 1/2" = 1'-0"



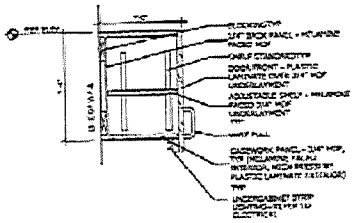
B5 A550 TYP BASE CABINET DRAWER DETAIL - 3'-0" HEIGHT
1 1/2" = 1'-0"



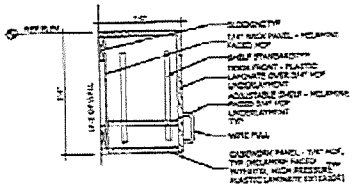
A2 A550 UPPER CABINET DETAIL - 2'-6" HEIGHT - KITCHEN 112
1 1/2" = 1'-0"



A3 A550 TYP UPPER CABINET DETAIL - 2'-5" HEIGHT
1 1/2" = 1'-0"



A4 A550 TYP UPPER CABINET DETAIL - 1'-6" HEIGHT
1 1/2" = 1'-0"



A5 A550 TYP UPPER CABINET DETAIL - 1'-6" HEIGHT
1 1/2" = 1'-0"

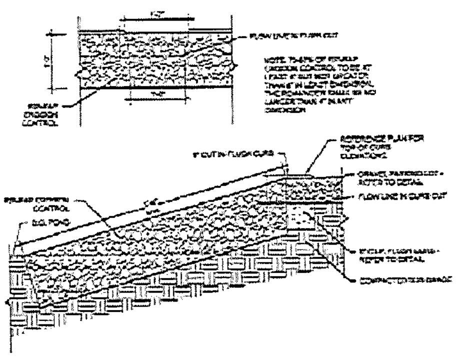
BLACK RAT TATTOO
1901 CALLE DE CORREO,
MESILLA, NM 88046

DESIGN FOR ARCHITECTS

PROJECT NO.
4.6.0-07

SHEET TITLE
INTERIOR DETAILS

SHEET NO.
A550

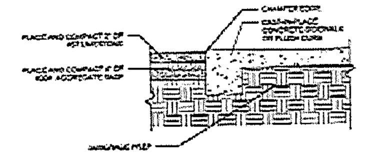

D1 A560 RIP-RAP EROSION CONTROL DETAIL
1" = 1'-0"

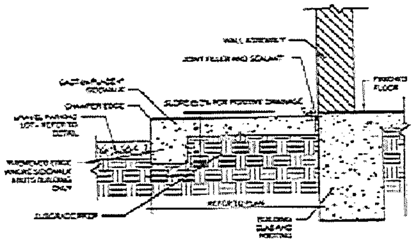
SIGNING AND STRIPING GENERAL NOTES

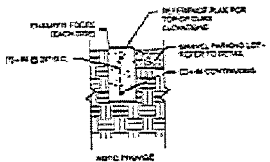
A. [illegible]
B. [illegible]
C. [illegible]
D. [illegible]
E. [illegible]
F. [illegible]

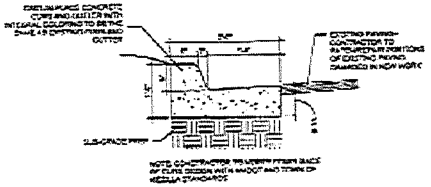
GENERAL CONSTRUCTION NOTES:

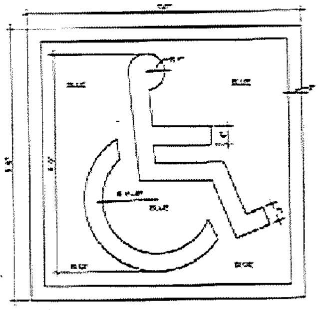
[illegible]

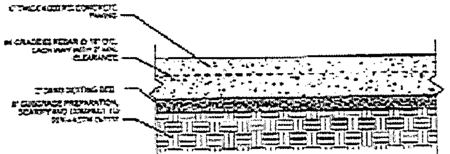

C3 A560 GRAVEL PARKING LOT DETAIL
1" = 1'-0"

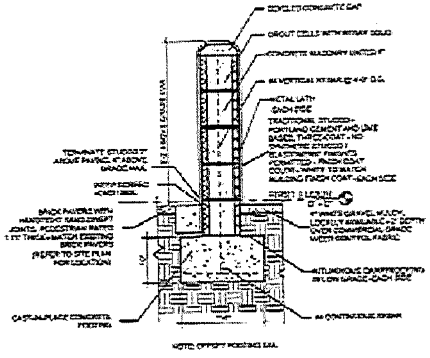

B1 A560 THICKENED EDGE SIDEWALK DETAIL
1" = 1'-0"

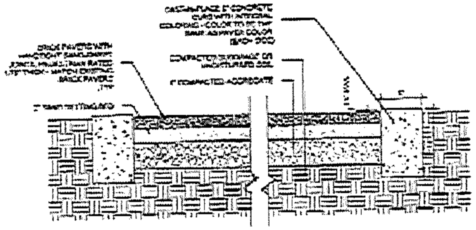

B2 A560 CONCRETE FLUSH CURB DETAIL
1" = 1'-0"


B3 A560 CONCRETE CURB AND GUTTER DETAIL
1" = 1'-0"


A1 A560 ADA PARKING PAVEMENT MARKING
1" = 1'-0"


A3 A560 CONCRETE PAVEMENT DETAIL
1 1/2" = 1'-0"


A4 A560 TYPICAL CMU SITE WALL DETAIL
1" = 1'-0"


A5 A560 BRICK PAVER SECTION DETAIL
1 1/2" = 1'-0"

BLACK RAT TATTOO
1501 CALLE DE CORREO,
MESILLA, NM 88046

DESERT PEAK ARCHITECTS

PROJECT NO.
480-01

SITE GENERAL NOTES AND DETAILS

SHEET NO.
A560

GENERAL NOTES

A. ALL FINISHES SHOWN IN THE FINISH SCHEDULE AND THROUGHOUT THE CONSTRUCTION DOCUMENTS ARE BASED OF DESIGN FINISHES. SUBSTITUTIONS PERMITTED AS APPROVED BY OWNER

ABBREVIATION LEGEND

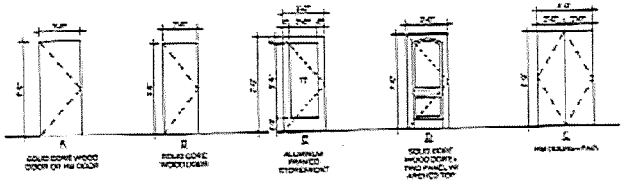
PT	PORCELAIN FLOOR TILE
LVT	LUXURY VINYL TILE
SC	SEALED CONCRETE
CTB	CERAMIC TILE BASE
RB	RESILIENT BASE
GYP	5/8" GYPSUM BOARD. (NOTE: GYP/W TO WALL SECTIONS AND ELEVATIONS FOR FIRE RATED GYP LOCATIONS)
WRC	5/8" MOISTURE RESISTANT GYP
CT1	CERAMIC WALL TILE - FIELD COLOR (NOTE: PROVIDE CONTINUOUS TILE BACKER BEHIND ALL TILED WALL SURFACES)
CT2	CERAMIC WALL TILE - ACCENT COLOR (NOTE: PROVIDE CONTINUOUS TILE BACKER BEHIND ALL TILED WALL SURFACES)
HM	HOLLOW METAL
ALUM.	ALUMINUM
SCWD	SOLID CORE WOOD DOOR
WDF	WOOD FRAME

ROOM FINISH SCHEDULE

ROOM NO.	ROOM NAME	FLOOR: FLOOR	FLOOR: BASE	WALLS: NORTH	WALLS: SOUTH	WALLS: EAST	WALLS: WEST	CEILING: MATL	COMMENTS
101	WAITING	PT1	RB	GYP	GYP	GYP	GYP	GYP/W	LEVEL 4 SCRP FINISH WITH SMOOTH FF TEXTURE
102	HALL	PT1 / LVT	RB / CTB	GYP	GYP / CT1	GYP	GYP	WR GYP/CT2	SCRP FOR BOTH SIDES OF FRAME, PARTIAL TILE AT CHANGING FOR BOTH SIDES
103	RECEPTION	PT1	RB	GYP	GYP	GYP	GYP	GYP	LEVEL 4 SCRP FINISH WITH SMOOTH FF TEXTURE
104	KID ROOM	LVT	CTB	GYP	WR GYP / CT1 + LT-1	WR GYP / CT1 + B1-3	WR GYP / CT1 + LT-1	GYP	LEVEL 4 SCRP FINISH WITH SMOOTH FF TEXTURE
105	LOUNGE ROOM	LVT	RB	WPP	PWP	WPP	GYP	GYP	LEVEL 4 SCRP FINISH WITH SMOOTH FF TEXTURE
106	HALL	CC	RB	WPP	GYP	WPP	GYP	GYP	FINISH FOR BOTH SIDES OF FRAME, CEIL FOR FA 119
107	STORAGE	CC	RB	WPP	FRP	FRP	FRP	GYP	FINISH FOR BOTH SIDES OF FRAME, CEIL FOR FA 119 CEILING
108	STATION 2	LVT	RB	GYP	GYP / CT1 + LT-1	GYP	GYP	GYP	LEVEL 4 SCRP FINISH WITH SMOOTH FF TEXTURE
109	STATION 1	LVT	RB	GYP	GYP / CT1 + LT-1	GYP	GYP	GYP	LEVEL 4 SCRP FINISH WITH SMOOTH FF TEXTURE
110	PHOTO BOOTH	LVT	RB	GYP	GYP	GYP	GYP	GYP	LEVEL 4 SCRP FINISH WITH SMOOTH FF TEXTURE
111	LOUNGE HALL	PT1	RB	WPP	GYP	GYP	GYP	GYP	LEVEL 4 SCRP FINISH WITH SMOOTH FF TEXTURE
112	LOUNGE	PT1	CTB	WPP / WPP / CT2	---	RWP	GYP / CT1 + CT2	GYP	LEVEL 4 SCRP FINISH WITH SMOOTH FF TEXTURE
113	LOUNGE	LVT	RB	GYP	GYP	GYP	GYP	GYP	LEVEL 4 SCRP FINISH WITH SMOOTH FF TEXTURE
114	RESTROOM	LVT	RB	GYP	GYP	GYP	GYP	GYP	LEVEL 4 SCRP FINISH WITH SMOOTH FF TEXTURE
115	BATHROOM	PT1	CTB	CT1 / B1-3	CT1 / B1-3	LT-1 / LT-1	GYP	GYP	LEVEL 4 SCRP FINISH WITH SMOOTH FF TEXTURE
116	HALL	PT1	RB	GYP	GYP	GYP	GYP	GYP	LEVEL 2 SCRP FINISH

FIRST FLOOR DOOR AND FRAME SCHEDULE

DOOR: MARK	DOOR: WIDTH	DOOR: HT	DOOR: THK	DOOR: GLASS	DOOR: MATL	DOOR: SIZE	DOOR: TYPE	FRAME: MATL	FRAME: TYPE	FRAME: FINISH	MISC: SIDELITE	MISC: COMMENTS
101	3'-0"	7'-0"	1 3/4"	C	ALUM	1T	1	ALU	NA	ALU		
102	3'-0"	7'-0"	1 3/4"	A	SCWD	NFR	1	HM	NA	LC		
103	3'-0"	7'-0"	1 3/4"	A	HM	NFR	1	HM	NA	LC		
104	3'-0"	7'-0"	1 3/4"	A	HM	NFR	1	HM	NA	LC		
107	3'-0"	8'-0"	1 3/4"	B	SCWD	NFR	2	WD	NA	SB		
111	3'-0"	7'-0"	1 3/4"	D	SCWD	NFR	4	WD	NA	SB		
114	3'-0"	8'-0"	1 3/4"	B	SCWD	NFR	2	WD	NA	SB		
115	3'-0"	8'-0"	1 3/4"	B	SCWD	NFR	2	WD	NA	SB		
116	3'-0"	7'-0"	1 3/4"	A	HM	NFR	1	HM	NA	SB	PAINT	



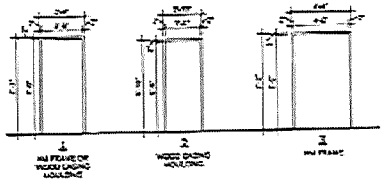
C4 / A602 DOOR TYPES
1/4" = 1'-0"

GLAZING SCHEDULE

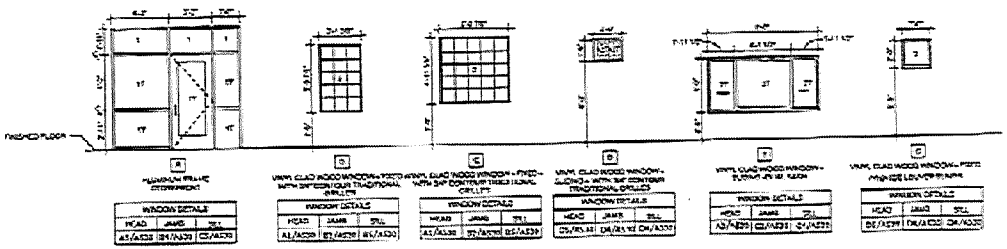
1. LOW-E COATED, 1" INSULATED GLASS EXTERIOR - CLEAR
1T. LOW-E COATED, 1" TEMPERED INSULATED GLASS EXTERIOR - CLEAR
2. LOW-E COATED, 1" INSULATED GLASS EXTERIOR - CLEAR
2T. LOW-E COATED, 1" INSULATED TEMPERED GLASS EXTERIOR - CLEAR

NOTE: ALL EXTERIOR FENESTRATION TO COMPLY WITH NEW MEXICO ENERGY CONSERVATION CODE. U-FACTOR .33 OR BETTER

PROVIDE HORIZONTAL LOUVER BLINDS AT WINDOW TYPE G



B5 / A602 HM FRAME TYPES
1/4" = 1'-0"



WINDOW DETAILS	HEAD	JAMB	SILL
A	A5/A602	B2/A602	C5/A602
B	A1/A602	B2/A602	B5/A602
C	A1/A602	B2/A602	B5/A602
D	D5/A602	D4/A602	D4/A602
E	A3/A602	C3/A602	C1/A602
F	B5/A602	D4/A602	D4/A602

A3 / A602 WINDOW TYPES
1/4" = 1'-0"

BLACK RAT TATTOO
1901 CALLE DE CORREO,
MESILLA, NM 88046

DESERT ROSE ARCHITECTS

STATE OF NEW MEXICO
REGISTERED
ARCHITECT
No. 3109
JAMES A. ROSE

PROJECT NO.
420-01

SCHEDULES

SHEET NO.
A602

ELECTRICAL SYMBOL LEGEND

LIGHTING SYMBOLS | POWER SYMBOLS | SPECIAL SYSTEMS SYMBOLS | FIRE ALARM SYSTEM SYMBOLS

ELECTRICAL SYMBOL LEGEND

DEFINITIONS

ELECTRICAL GENERAL NOTES

GENERAL

A. THE ELECTRICAL CONTRACTOR SHALL FAMILIARIZE THOROUGHLY WITH THE PROJECT CONDITIONS.

B. THE ELECTRICAL CONTRACTOR SHALL FAMILIARIZE THOROUGHLY WITH ALL ARCHITECTURAL AND MECHANICAL EQUIPMENT AND PROVIDE ELECTRICAL CONNECTIONS IN THE CONTRACT FOR ANY ITEM REQUIRED.

C. THE CONTRACTOR SHALL FAMILIARIZE THOROUGHLY WITH PROJECT PRIOR TO THE BID OPENING, TO ALLOW HIM TO SUBMIT A COMPLETE BID WITHIN THE SCOPE OF THE DRAWINGS AND SPECIFICATIONS. ANY QUESTIONS ARISING DURING THE BID PERIOD, IN REGARD TO THE CONTRACTOR'S PURCHASE THE SCOPE OF THE WORK OR ANY OTHER ISSUE RELATED TO THIS PROJECT SHALL BE BROUGHT UP DURING THE BID PERIOD WITH THE ENGINEER FOR CLARIFICATION PRIOR TO AWARD OF CONTRACT.

D. IT WILL BE THE CONTRACTOR'S OBLIGATION TO INCLUDE, IN THEIR BID, THE PARTS FOR DISTRIBUTION SYSTEM, REFRIGERANT MISCELLANEOUS COVERS, WORK WITH OTHER DISCIPLINES WHERE THE CONTRACT INVOLVES ELECTRICAL POWER OR CONTROL CONNECTIONS, SWITCHES, ETC. ALL OF THIS WORK SHALL BE PART OF THE CONTRACT.

E. LOCATION OF EQUIPMENT AND OTHER SYMBOLS SHOWN ON THE PLANS ARE APPROXIMATE AND SHALL BE FIELD VERIFIED, COORDINATE WITH ARCHITECTURAL DOCUMENTS FOR EXACT LOCATIONS.

F. THE CONDUIT RUNS AS SHOWN ON PLANS INDICATE APPROXIMATE ROUTING. EXACT LOCATION OF CONDUIT RUNS SHALL BE AS FIELD CONDITIONS DIKTATE.

G. CONTRACTOR SHALL INSTALL PULL AND JUNCTION BOXES WHEREVER REQUIRED BY NEC, OF ANY DIMENSIONS. ALL BOX WORK SHALL BE TAGGED AT ALL BOXES. JUNCTION BOXES, EQUIPMENT BOXES AND CABINETS WITH APPROVED PLASTIC TYPE ACTION CRAFT, BRADY OR APPROVED EQUAL.

H. SHOULD CONTRACTOR AT ANY TIME THINK THAT THE ACTUAL FIELD CONDITIONS DO NOT CORRESPOND TO THE INFORMATION GIVEN ON THE DRAWINGS, THEN IT WILL BE HIS OWN RESPONSIBILITY TO NOTIFY THE ENGINEER FOR CLARIFICATION, PRIOR TO COMMENCING SUCH WORK.

I. IT SHALL BE THE RESPONSIBILITY THE CONTRACTOR TO COORDINATE WITH ALL TRADES THE ACTUAL LOCATION OF EQUIPMENT AND UNINTERRUPTED THAT REQUIRE ELECTRICAL CONNECTIONS.

J. CONTRACTOR SHALL MAKE AS-BUILT DRAWINGS DOCUMENTING ANY AND ALL WORK AND EQUIPMENT CONDITIONS AND CHANGES. THE CONTRACTOR COMPLETING THE CONTRACT SHALL PROVIDE UPDATED TYPEWRITTEN PROCEDURES FOR ALL PANELS AND LABEL ALL PANELS WITH PLASTIC LAMINATED MANUFACTURE.

K. INSTALL BLANK COVER PLATES ON ALL UNUSED JUNCTION BOXES IN FINISHED AREAS.

L. ALL ELECTRICAL WIRING AND HOME RUN CIRCUITING TO PANELS SHALL BE ROUTED IN CONDUIT, MIN SIZE 3/4" DIA CONDUIT IF NOT NOTED ON DRAWINGS.

M. REFER TO POWER PLANS FOR DETAILED LAYOUTS OF ELECTRICAL GEAR.

N. AFTER THE CONTRACTOR HAS RECEIVED APPROVED SHOP DRAWINGS FOR THE ELECTRICAL DISTRIBUTION EQUIPMENT, THEY SHALL SUBMIT SHOP LAYOUTS OF ALL ELECTRICAL EQUIPMENT TO THE ENGINEER FOR APPROVAL TO ENSURE THAT ALL CLEARANCE REQUIREMENTS ARE MET. THIS ESSENTIAL CHECK MUST BE MADE WITH SUFFICIENT TIME SO AS NOT INTERFERE WITH THE TIMELY EXECUTION OF THE ROUGH-IN WORK THAT WILL BE REQUIRED.

O. CONTRACTOR SHALL FURNISH AND INSTALL ON WALL OF VARIOUS PRESTRESSING UNISTRUT CHANNELS, ANGLE IRONS OR ANY OTHER SUPPORT STRUCTURE WITH THREADED ROD ANCHORS AS REQUIRED FOR THE SUPPORT OF ELECTRICAL EQUIPMENT OF ANY KIND TO ENSURE PROPER INSTALLATION.

P. ALL NEW WIRING SHALL BE COPPER, MIN SIZE SHOWN NO.

Q. MOUNTING HEIGHTS INDICATED ON THE DRAWINGS ARE APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONFIRMING WITH ENGINEER DRAWINGS FOR EXACT MOUNTING HEIGHTS. THE ADVANTAGE PLACE REFRESH TO THE LOCATION OF WALL BOXES FOR HVAC CONTROLS, ETC. THIS NOTE APPLIES TO ALL ELECTRICAL SHEETS IN THIS DRAWINGS. OUTLET BOXES THAT HAVE TO BE RELOCATED DUE TO OBSTRUCTION, CHANGEOVER, TEMPERATURE, THE COMPLETE WILL BE DONE AT NO ADDITIONAL COST TO THE OWNER.

R. ELECTRICIAN TO CONFIRM POWER REQUIREMENTS FOR MECHANICAL EQUIPMENT DELIVERED ON SITE.

S. ALL EXPOSED CONDUIT SHALL BE PAINTED TO MATCH ARCHITECTURAL WALL OR CEILING.

T. CONTRACTOR SHALL SAW CUT AND PATCH ASPHALT, CONCRETE, OR OTHER MATERIAL DISCONNECTED AS REQUIRED TO INSTALL NEW UNDERGROUND RACEWAY. REFER TO ARCHITECTURAL REMARKING PACKING REQUIREMENTS.

U. CONTRACTOR SHALL COORDINATE INSTALLATION OF NEW LATHAN FIXTURES WITH ARCHITECTURAL REFLECTED CEILING PLAN AND MECHANICAL DRAWINGS PRIOR TO INSTALLATION OF FIXTURES.

V. PROVIDE BLANK METAL COVERPLATE OVER ALL UNUSED OUTLET BOXES PAINT COVERPLATE TO MATCH ADJACENT SURFACES.

W. OUTLET MOUNTING HEIGHTS INDICATED ON THE DRAWINGS ARE APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH OTHER TRADES AND DRAWING HEIGHT REQUIRED. THIS REQUIREMENT ALSO APPLIES TO LIGHTSWITCH, TELEPHONE, TELEVISION DATA OUTLETS, WALL CONSOLE, ETC. ANY DEVICE THAT HAS TO BE RELOCATED DUE TO CONTRACTORS FAILURE TO COORDINATE LOCATION WITH ARCHITECTURAL DRAWINGS, TEMPERATURE, THE WILL BE DONE AT NO ADDITIONAL COST TO THE OWNER.

X. ALL RECEPTACLES TO BE 20A COMMERCIAL GRADE TYPE WALL PLATES TYPE MATRIX, ISOLATED GROUND DUPLEX RECEPTACLES (IG) WILL BE ORANGE, BOXY AND FACE PLATE.

Y. INSTALL WALL MOUNTED LIGHT FIXTURES, SWITCHES, OUTLETS, AND COMMUNICATION DEVICES IN DIRECT COORDINATION WITH ARCHITECTURAL DETAILS, SECTIONS AND ELEVATIONS.

Z. PROTOTYPING OF PENETRATIONS IN FIRERATED WALLS, FLOORS, ETC. SHALL BE DONE BY A PROTOTYPED FABRICATION. ELECTRICAL CONTRACTOR SHALL MAKE REQUIRED PENETRATIONS IN RATED WALLS, FLOORS, ETC. NEATLY AND WITH A CUTTING TOOL. THE CONTRACTOR SHALL MAKE THE PENETRATIONS NO LARGER THAN NECESSARY, AND THE CONTRACTOR SHALL SUBMIT DRAWINGS ALL CUTS PENETRATIONS WITH THE ARCHITECTURAL CONTRACTOR BEFORE SUCH PENETRATIONS ARE MADE.

AA. PROVIDE 1" CONDUIT WITH PULL STRING FROM CONGENERATION OUTLETS TO ABOVE SUSPENDED CEILING.

BB. SUPPORT ALL FIXTURES FROM STRUCTURE ABOVE. CEILING TILES OR PLASTER CEILING SHALL NOT SUPPORT FIXTURES.

CC. FINISHED FLOOR ELEVATIONS FOR OUTLETS AND POWER DEVICES ARE TO DENOTE OF BOX, WHERE MOUNTED IS PRESENT. BOTTOM OF BOX SHALL BE MINIMUM OF 2" ABOVE BASE- SHADE, REGARDLESS OF DIMENSION SHOWN ON PLANS.

DD. SUPPORT HORIZONTAL RUNS OF EMT CONDUIT EVERY 10'-0" AND AT NOT FITTING, BOX, PANEL, ETC.

EE. USE SLAND RINE DISAPPRECIATION THREADED OUTDOOR NEW INSULATED CONDUIT FOR EMT. CONDUIT, FLEXIBLE SET SCREW FITTINGS ARE ACCEPTABLE FOR 3-1/2" CONDUIT AND LARGER TRADE.

FF. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH MECHANICAL CONTRACTOR THE MECHANICAL EQUIPMENTS ELECTRICAL EQUIPMENTS INCLUDING FORCE, MAINTENANCE, COMMUNICATION, AND MONITORING OF EQUIPMENT PROVIDED AND/OR INSTALLED BY MECHANICAL CONTRACTOR.

GG. BEFORE INSTALLATION, EQUIPMENT AND DEVICES INCLUDING, BUT NOT LIMITED TO, ANY DEVICE WITH ELECTRICAL CONNECTIONS, SWITCHGEAR, INSULATION, FITTING, TRAPS, AS DEVICES, ETC. SHALL NOT BE CHANGED DIRECTLY ON GROUND OR ON A SLAB OR FLOOR BEFORE AND AFTER INSTALLATION. SUCH EQUIPMENT AND DEVICES SHALL BE PROTECTED FROM DIRTY OR DAMP SURFACE, WATER (EXCEPT AS NOTED), VERMIN, ETC.

HH. DEVICES THAT MIGHT CAUSE OR OPERATE WITH VIBRATION OR NOISE SHALL BE ISOLATED PER MANUFACTURER'S RECOMMENDATIONS.

II. ELECTRICAL DEVICE INSTALLATION SHALL COMPLY WITH ADDRESSABLE ITEMS ADDRESSED FOR NEW HOUSE, SPECIFICALLY WITH ADDRESSABLE SWITCHES, RECEPTACLES, AND LIGHTSWITCHES. CONTRACTOR NO THAT THAT ARE MOUNTED WITH THE TOP OF THE DEVICE NO HIGHER THAN FOURTH-EIGHT (48 INCHES) ABOVE THE FINISH FLOOR AND THE BOTTOM OF THE DEVICE NO LOWER THAN FIFTEEN INCHES (15 INCHES) ABOVE THE FINISHED FLOOR. ELECTRICAL DEVICES ABOVE A COUNTERTOP OR OTHER OBSTRUCTION SHOULD COMPLY WITH CBC/ANSI 117.1-2003 SECTION 308.

JJ. EXTERIOR LIGHTING SHALL COMPLY WITH THE LAS CRUCES OUTDOOR LIGHTING ORDINANCE AND THE NEW MEXICO NEPC DRT PROTECTION.

KK. THE MOUNT OF CONDUIT TRANCE SHALL BE ELIMINATED AT ANY TIME THE BUILDING IS OCCUPIED WITH A LIGHT INTENSITY OF NOT LESS THAN 1 FOOT CANDLE AT THE FLOOR LEVEL.

LL. ALL CONDUIT INSTALLED ON THE ROOF MUST BE SUPPORTED, WITH CONDUIT SUPPORTS EVERY 10'-0". EXPANSION SUPPORT TO BE NON-PENETRATING. CONTRACTOR TO PROVIDE COST AND ACCESSORIES REQUIRED.

MM. ALL GFCI RATED RECEPTACLES SHALL BE INSTALLED IN AN ACCESSIBLE SERVICE LOCATION. IT SHALL NOT BE INSTALLED BEHIND ANY EQUIPMENT. IF NEEDED, CONTRACTOR SHALL MAKE THE OPTION TO PROVIDE A GFCI RATED CIRCUIT BREAKER WHICH PROVIDED BY CODE ALL GFCI RATED RECEPTACLES SHALL NOT BE INSTALLED BEHIND ANY EQUIPMENT. THAN LOTTERIA SERVICE EQUIPMENT. COORDINATE ALL LOCATIONS WITH EQUIPMENT INSTALLER BEFORE DOING ANY WORK.

ELECTRICAL SPECIFICATIONS

1. THE ELECTRICAL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE APPLICABLE AND ADOPTED PROVISIONS OF THE NATIONAL ELECTRICAL ENERGY CODE AS ADOPTED AND INTERPRETED BY THE STATE OF NEW MEXICO AND THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) REGULATIONS, CURRENT EDITIONS, INCLUDING MECHANICAL, PLUMBING, FIRE, ELECTRICAL AND ELECTRICAL SYSTEMS, ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH RULES, REGULATIONS, AND ORDINANCES SHALL BE PROVIDED. WHERE THE DRAWINGS INDICATE MATERIALS OR CONSTRUCTION IN DEGREE OF NON-COMPLIANCE, THE PRINCIPLE ARCHITECT, AND ENGINEER WILL NOTIFY AND ANALYZE FROM LIABILITY OF ANY MATERIAL OR AND ARCHITECTURAL NOT FAILURE TO COMPLY WITH ALL APPLICABLE CODES AND ORDINANCES.

2. ALL WORK SHALL COMPLY WITH FEDERAL, STATE, AND LOCAL CODES, RULES, AND REGULATIONS. ALL WORK SHALL BE PERFORMED BY A LICENSED CONTRACTOR IN A NEAT, CLEAN, WORKMANLIKE MANNER. THE SYSTEMS SHALL BE ROUNDED COMPLETE, AND FULLY OPERATIVE UNLESS OTHERWISE INDICATED.

3. ALL MATERIALS SHALL BE NEW, UNLESS NOTED OTHERWISE. ALL WORK SHALL PRESENT A NEAT AND MECHANICAL APPEARANCE WHEN COMPLETED AND SHALL BE EXECUTED IN A WORKMANLIKE MANNER.

4. REQUIRED INSURANCE SHALL BE PROVIDED BY THE CONTRACTOR FOR PROTECTION AGAINST PUBLIC LIABILITY AND PROPERTY DAMAGE FOR THE DURATION OF WORK. CONTRACTOR SHALL SECURE AND PAY ALL PERMITS, FEES, INSPECTIONS, AND TAXES UNLESS OTHERWISE INDICATED. COORDINATE WITH ARCHITECT, OWNER, OR OTHER. CONTRACTORS REPRESENTED BY THE CONTRACTOR SHALL BE PAID FOR BY THE CONTRACTOR.

5. CONTRACTOR SHALL SUBMIT SHOPDRAWINGS INFORMATION ON USE OF EQUIPMENT AND PERSONAL MATERIAL SPECIFIED. CONTRACTOR SHALL INDICATE, AND/OR PROVIDE NAME OF MANUFACTURERS, CATALOG AND MODEL NUMBERS, BUT SPECIFIC, AND SUCH SUPPLEMENTARY INFORMATION AS NECESSARY FOR EVALUATION, MINIMUM OF (3) (3) COPIES OF AS DIRECTED BY THE ENGINEER, OF EACH SHOPDRAWING SHALL BE SUBMITTED AND SHALL INCLUDE ALL ITEMS MENTIONED BY WORK. MANNER AND MANUFACTURERS NAME IN THE SPECIFICATIONS OR IN DRAWINGS ON THE DRAWINGS.

6. PROVIDE THE OWNER WITH THREE (3) COPIES OF ALL INSTALLATION, INSTRUCTIONS, PRODUCT DATA, COMPLETE INSTALLATION, OPERATION AND MAINTENANCE DOCUMENTS, WARRANTY PERIOD AND BALANCING REPORTS ON SHOP DRAWINGS.

7. ALL MATERIAL AND COMPONENTS SHALL BE APPROVED FOR THE PURPOSE FOR WHICH INSTALLED. ALL EQUIPMENT AND MATERIALS SHALL BE NEW AND FROM ESTABLISHED AMERICAN SUPPLIERS UNLESS OTHERWISE INDICATED.

8. THE CONTRACTOR SHALL COORDINATE, WITH OWNER, ARCHITECT, AND OR ENGINEER ANY WORK THAT HAS THE POTENTIAL TO PROVIDE ELECTRICAL SERVICES TO AREA OUTSIDE OF THE CONTRACTOR. ALL SHUTTERING OF SERVICE RELATIVE TO THESE SYSTEMS SHALL BE SCHEDULED AND SUBMITTED IN WRITING TO BE APPROVED BY THE OWNERS FACILITY MANAGEMENT, OWNER, ARCHITECT, OR OTHERS. CONTRACTOR SHALL SUBMIT IN WRITING A SCHEDULE FOR PHASING OF CONSTRUCTION THAT INDICATES AREAS OF FIRST PRIORITY DURING EACH PHASE AND APPROXIMATE COMPLETION DATE. SCHEDULES SHALL BE SUBMITTED A MINIMUM OF ONE WEEK PRIOR TO COMMENCING WORK. FACILITY MANAGEMENT, OWNER, ARCHITECT OR ENGINEER SHALL REVIEW SUCH SCHEDULES AND NOTIFY CONTRACTOR OF ACCEPTANCE PRIOR TO COMMENCEMENT OF WORK.

9. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND PROVIDE A WRITTEN REPORT TO THE ARCHITECT. DETAIL THIS REPORT SHALL OTHERWISE EXISTING DAMAGE OR OTHER CONDITIONS THAT MAY INTERFERE WITH THE PROPOSED NEW WORK. THIS SITE SURVEY SHALL ALSO INCLUDE VERIFICATION OF SIZES, LOCATIONS, AND CONDITIONS OF EXISTING UTILITIES.

10. ALL WIRING SHALL BE NON IN RIGID CONDUIT, INTERMEDIATE METALLIC CONDUIT (IMC) OR ELECTRICAL METALLIC TUBING (EMT) INSTALLED IN ACCORDANCE WITH THE NEC. NO CABLE IS ALLOWED IN WALLS, SHALL ALUMINUM CONDUIT SHALL NOT BE USED UNLESS SPECIFICALLY INDICATED ON THE DRAWINGS. EMT OR ALUMINUM CONDUIT SHALL NOT BE INSTALLED IN CONCRETE SLABS OR BELOW GRADE UNLESS EMT. 3/4" NON ALL CIRCUITS CONTAINING POWER CONDUCTORS SHALL CONTAIN A EQUIPMENT GROUND CONDUCTOR SIZED IN ACCORDANCE WITH THE NEC. A 30 FOOT WIRE SHALL BE INSTALLED IN EACH EMPTY CONDUIT.

11. INTERIOR BRANCH CIRCUIT WIRE SIZE AS REQUIRED TO PREVENT EXCESSIVE VOLTAGE DROP AS FOLLOWS: 10 TO 100' - #10 AWG UNDER 100' - #8 AWG.

12. THE CONDUIT SYSTEM AND NEUTRAL CONDUCTOR OF THE WIRING SYSTEM SHALL BE GROUNDED IN ACCORDANCE WITH THE NEC AND ALL LOCAL CODES AND ORDINANCES. GROUNDING AND BONDING SHALL COMPLY WITH ALL THE APPLICABLE REQUIREMENTS OF THE NEC.

13. USE THE FOLLOWING WIRING COLOR CODE:
A. FOR WIRE SIZES 10 AWG AND SMALLER, INSTALL WIRE COLORS AS FOLLOWS:

	120/208	277/480
PHASE A	BLACK	BROWN
PHASE B	RED	ORANGE
PHASE C	BLUE	YELLOW
NEUTRAL	WHITE	GRAY
GROUND	GREEN	GREEN
SWITCH	PINK/PURPLE	PINK/PURPLE

14. BURIED ELECTRICAL CONDUITS SHALL BE MARKED PER CODE REQUIREMENTS WITH UNDERGROUND WARNING TAPE 3" BELOW FINISHED GRADE. TAPE SHALL BE 4" WIDE COLORED RED WITH SUITABLE WARNING LEGEND FOR ASME A13.1.

15. CONTRACTOR TO INSTALL BLANK COVER FOR ALL JUNCTION AND WEATHERPROOF COVER FOR J-BOXES IN WET LOCATIONS.

16. ENCLOSURES, BOXES, AND COVERS ARE REQUIRED TO CONFORM TO ALL TEST PROVISIONS OF THE MOST CURRENT ANSI/NEMA STD. WITH MULTIPLE "WAYS" ARE SPECIFIED THE RATED MUST PHYSICALLY ACCOMMODATE AND SUPPORT NEMA TYPE SUPPORT COMPATIBLE COVER WHICH PROVIDES THE HIGHEST NEMA RATING. ALL COVERS ARE REQUIRED TO HAVE ONE TYPE LOCK, WITHIN FASTENERS ON THE SURFACE, IN NO ASSEMBLY CAN THE COVER DESIGN (LAS EXCEED THE DESIGN LOAD OF THE BOX. ALL COMPONENTS IN AN ASSEMBLY (BOX AND COVER) ARE MANUFACTURED USING MATCHED CURRENT TOOLING. INDEPENDENT THIRD PARTY VERIFICATION OF TEST REPORTS SUPPLIED BY A REGISTERED PROFESSIONAL ENGINEER CERTIFYING THAT ALL TEST PROVISIONS OF THIS SPECIFICATION HAVE BEEN MET ARE REQUIRED WITH EACH SUBMITTAL. CONTRACTOR TO SUBMIT FIXED LOCATION AND PLACEMENT OF BOXES AND LAYOUTS AND PROVIDE THE RATING REQUIRED BY LOCAL AND NATIONAL CODES.

17. ELECTRICAL PANELS SHALL BE PANELBOARDS, HAVE COPPER BUSS, RED BOX CIRCUIT CONTACTORS, CLAS RATING AS NOTED. MINIMUM TYPE AND CLASS TO COMPLY IN ACCORDANCE WITH THE NEC AND THE 2017 NEC TYPE 1, 12, 12X, 3, 3X, 3R, 4, 4X, 5, 12, 12X, 12R, 13.

18. ALL BREAKERS SHALL BE HEAVY DUTY RATED.

19. EMERGENCY EXIT LIGHTING TO COMPLY WITH IBC SECTION 1008 AND 2017 NEC 700.12.

BLACK RAT TATTOO

1001 Calle De Corrion,
Mesilla NM 88046

REV	DATE	DESCRIPTION
		CONSTRUCTION SET

DESIGN FIRM ARCHITECTS P.C.
1010 SOUTH MAIN STREET
LAS CRUCES
NEW MEXICO 88005
P. 575.526.6622

PROJECT NO.
4SDCT

SHEET TITLE
ELECTRICAL
GENERAL NOTES

SHEET NO.
E100

RAXIS ENGINEERING
07-01-19

GENERAL NOTE

1. COORDINATE ROUGH-IN OF SOLAR PANEL CONDUIT WITH SOLAR PANEL CONTRACTOR. SOLAR PANELS ARE NOT IN CONTRACT.

KEYED NOTES

1. CONNECT ALL EXIT LIGHTS AND EMERGENCY LIGHTS TO HOT LEG OF NEAREST LIGHTING CIRCUIT.
2. INSTALL OUTDOOR REMOTE (MICROONLY) HOOD ABOVE DOOR. CONNECT AS SHOWN.
3. TURN CIRCUITS TO BE WIRED THRU PHOTOCELL ON LIGHTING CONTROL CONTACTOR. TWO CIRCUITS WILL BE NEED FOR DUSK TO 11:00 PM OR CLOSE OF BUSINESS OPERATION.
4. PROVIDE JUNCTION BOX BUILDING FASCIAS FOR EXTERIOR COORDINATE WITH TEXT FOR EXACT LOCATION AND REQUIREMENTS.
5. COORDINATE WITH ARCHITECT FOR EXACT LOCATION OF UNDER CABINET LIGHTING AND LOCATION OF SWITCH.

TOTAL OUTDOOR LIGHTING COMPLIANCE CALCULATION

LIGHTING ZONE	LUMEN METHOD	PROJECTED HARDSCAPE AREA (FT.)	ALLOWED LUMENS PER S.F.	PERMITTED TOTAL LUMENS
LZ-2	HARDSCAPE	[illegible]	0	0.000

OUTDOOR LUMEN CALCULATION

FIXTURE	TYPE	LAMP SOURCE	LUMENS PER LAMP	QUANTITY	TOTAL LUMENS
NEW TYPE "F"	WALL	[illegible]	[illegible]	4	6,000
				TOTAL PROPOSED LUMENS	6,000

NEW TYPE "F" — E.G.S. SHADES

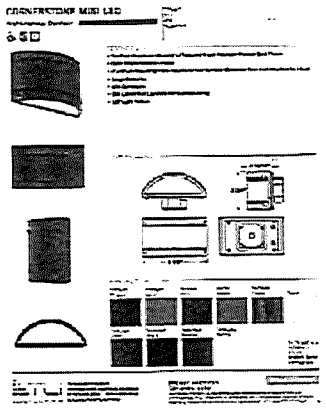
DUE TO DAWN FIXTURES	TOTAL LUMENS
	0
TOTAL	0

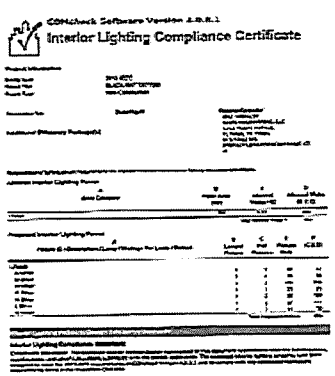
DISTINGUISH AT 11:00 PM FIXTURES	TOTAL LUMENS
NEW TYPE "F"	6,000
TOTAL	6,000

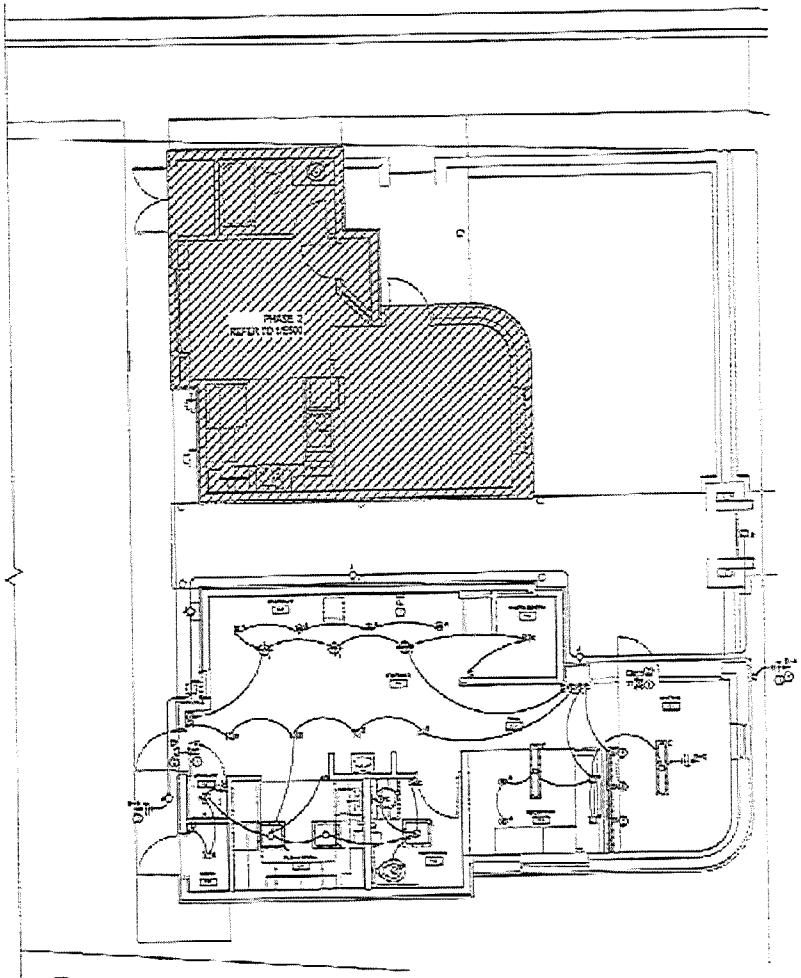
LIGHTING FIXTURE SCHEDULE

TYPE	MANUFACTURER/MODEL NO.	SUPPLY	LITE COLOR	LITE WATTS	LITE LUMEN	CONTROL	MOUNTING	NOTES
A	[illegible]	120V		25W LED		CBA	RECESSED	
B	[illegible]	120V		3.5W LED		CBA	PENDANT	
D	[illegible]	120V		40W LED			RECESSED	
F	[illegible]	120V		40W LED		LAN	PENDANT	
G	[illegible]	120V		20W LED		CBA	WALL	
I	[illegible]	120V		30W LED			IN MOUNT	
J	[illegible]	120V		[illegible]			WALL	
M	[illegible]	120V		12W LED			RECESSED	
N	[illegible]	120V		40W LED			RECESSED	
O	[illegible]	120V		[illegible]		FSS	CEILING/WALL	(1)
P1	[illegible]	120V		INCLUDED		NW	WALL	(1)
P2	[illegible]	120V		INCLUDED		NW	WALL	(1)

NOTES: (1) PROVIDE WITH TERMINAL MINIMUM POWER LIFE BATTERY
(2) REMOTE AND LED ENERGY SAVER, CONNECT TO NETWORK NET COM







E1 E200 LIGHTING PLAN
1/4" = 1'-0"

BLACK RAT TATTOO
1801 Cirillo De Correo,
Mesa la NM 88040

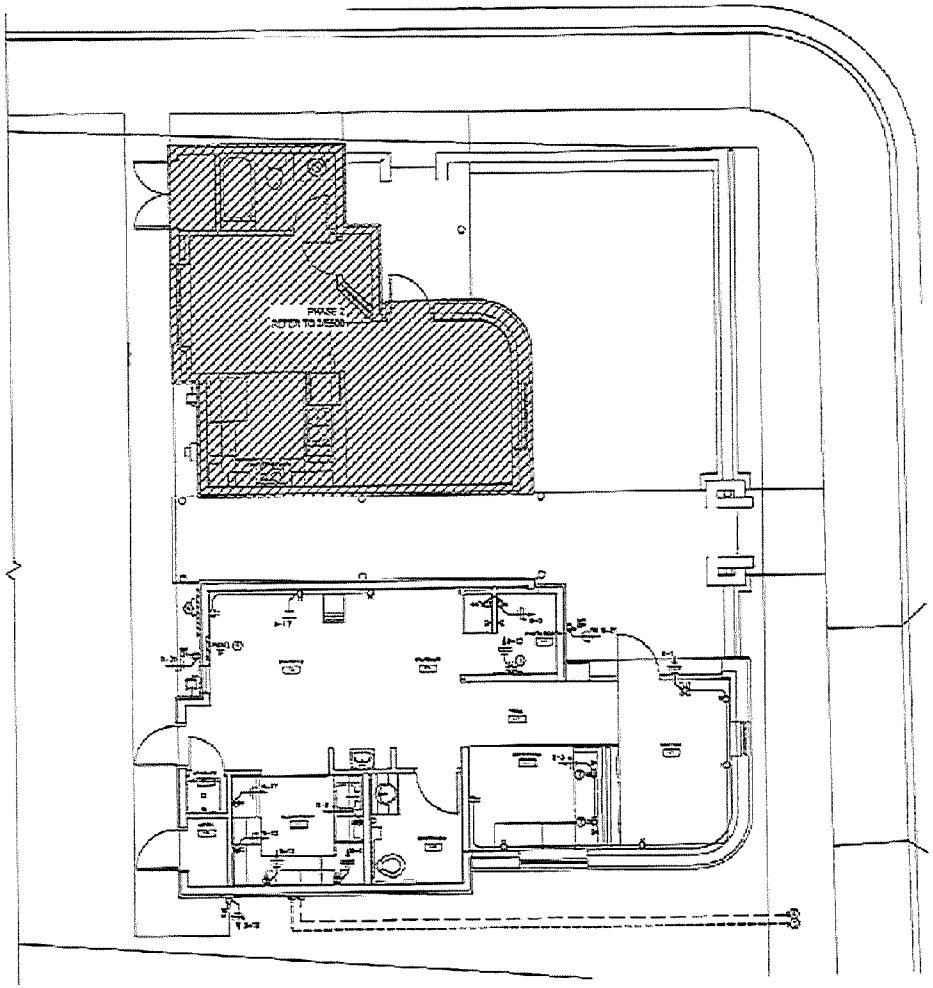
Description	Date
CONSTRUCTION DOCUMENTS	

PROJECT NO. 400-01

SHEET TITLE: LIGHTING PLAN

SHEET NO. E200

RAXIS ENGINEERING



POWER PLAN
1/4" = 1'-0"

PROJECT NORTH

POWER PLAN KEYED NOTES

1. INSTALL 3/4"X4'X8' FIRE TREATED PLYWOOD AND 4" ABOVE FINISH FLOOR. INSTALL GROUND BAR WITH #6 CU. GROUND TO BUILDING STEEL. COORDINATE WITH OWNER FOR EXACT LOCATION.
2. COORDINATE WITH ARCHITECT FOR LOCATION AND MOUNTING LOCATION WITHIN MILLWORK PRIOR TO COMMENCING ANY WORK.
3. COORDINATE WITH GENERAL CONTRACTOR AND ARCHITECT TO ENSURE A MINIMUM 6" WALL IS PROVIDED TO FLUSH MOUNT PANEL.
4. PROPOSE LOCATION OF ELECTRICAL SERVICE, REFER TO RISER DIAGRAM, ON SHEET 1/E500.
5. 4" CONDUIT WITH PULL STRING TO TELEPHONE SERVICE LOCATION.
6. 4" CONDUIT TO CABLE TV.

BLACK RAT TATTOO

1001 Calle De Cerro,
Mesilla NM 88045

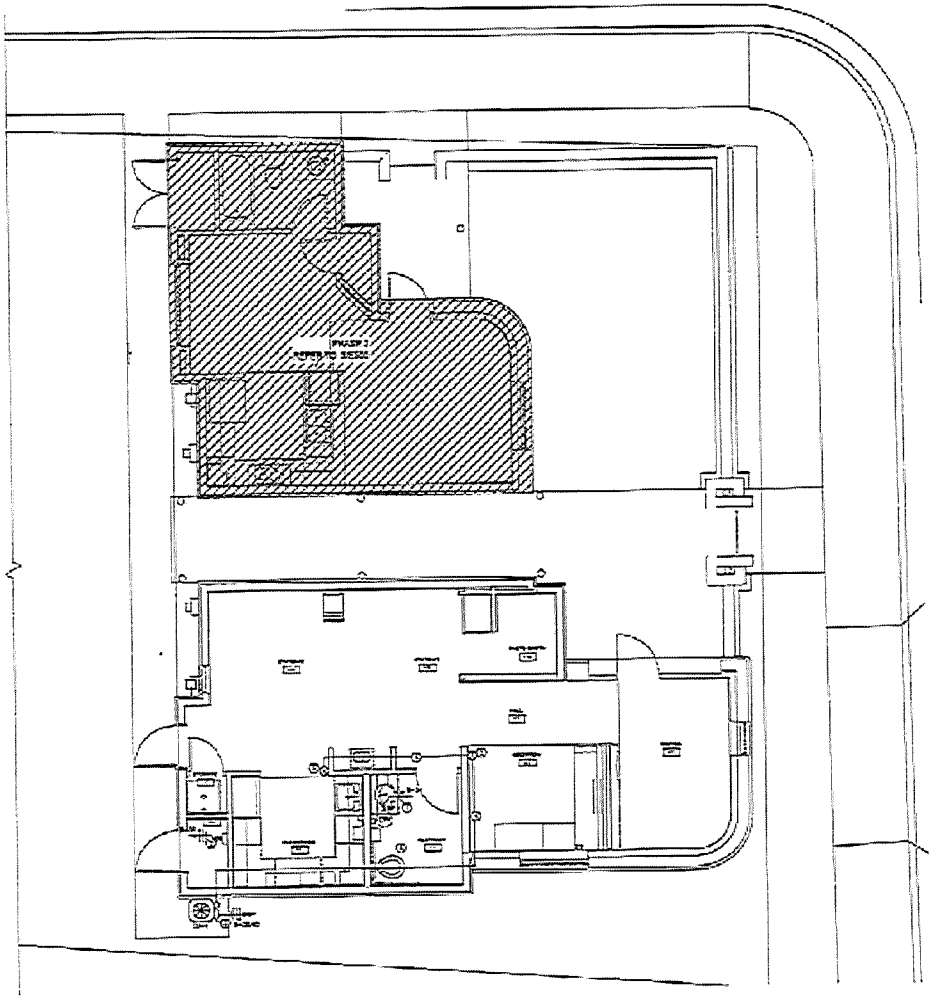
RAXIS
ENGINEERING

07-01-13

PROJECT NO.
480-01

SHEET TITLE
POWER PLAN

SHEET NO.
E300



KEYED NOTES

1. PROVIDE AND INSTALL 30A, 208V, 1PH, 3 WIRE, HEAVY DUTY, NEMA 3R NON-FUSED DISCONNECT. MAKE CONNECTIONS TO DEHUMIDIFIER UNIT WITH WATER TIGHT FLEXIBLE CONDUIT.
2. INSTALL WEATHER PROOF SWITCH AS DISCONNECTING MEANS FOR FURNACE. MAKE CONNECTIONS WITH WATER TIGHT FLEXIBLE CONDUIT. COORDINATE WITH PLUMBING CONTRACTOR FOR EXACT LOCATION.
3. PROVIDE AND INSTALL 60A, 208V, 1PH, 3 WIRE, HEAVY DUTY, NEMA 3R NON-FUSED DISCONNECT. MAKE CONNECTIONS TO STORAGE UNIT WITH WATER TIGHT FLEXIBLE CONDUIT.
4. 1/2" CONDUIT WITH PULLSTRING. COORDINATE WITH MECHANICAL CONTRACTOR.
5. LOCATION OF THERMOSTAT. PROVIDE 4" SQ. J-BOX WITH PLASTER RING. COORDINATE WITH MECHANICAL CONTRACTOR FOR EXACT LOCATION.
6. LOCATION OF REMOTE TEMPERATURE SENSOR. PROVIDE 4" SQ. J-BOX WITH PLASTER RING. COORDINATE WITH MECHANICAL CONTRACTOR FOR EXACT LOCATION.
7. INSTALL WEATHER PROOF SWITCH AS DISCONNECTING MEANS FOR WATER HEATER. MAKE CONNECTIONS WITH WATER TIGHT FLEXIBLE CONDUIT. COORDINATE WITH PLUMBING CONTRACTOR FOR EXACT LOCATION.
8. PROVIDE AND INSTALL 30A, 208V, 1PH, 3 WIRE, HEAVY DUTY, NEMA 3R NON-FUSED DISCONNECT. MAKE CONNECTIONS TO WATER HEATER WITH WATER TIGHT FLEXIBLE CONDUIT.
9. INSTALL WEATHER PROOF, GFI, RECEPTACLE WITH WEATHER PROOF COVER. INSTALL RECEPTACLE UNDER DISCONNECT. COORDINATE WITH MECHANICAL CONTRACTOR FOR EXACT LOCATION.

PROJECT NORTH

E1 / E400

HVAC POWER PLAN
1/4" = 1'-0"

RAXIS ENGINEERING

BLACK RAT TATTOO
1901 Calle Da Correo,
Mesilla NM 88046

Date	Rev.	Description

DESERT POINT ARCHITECTS P.C.
1014 SOUTH MAIN STREET
LAS CRUCES
NEW MEXICO 88001
P: 575.523.0000

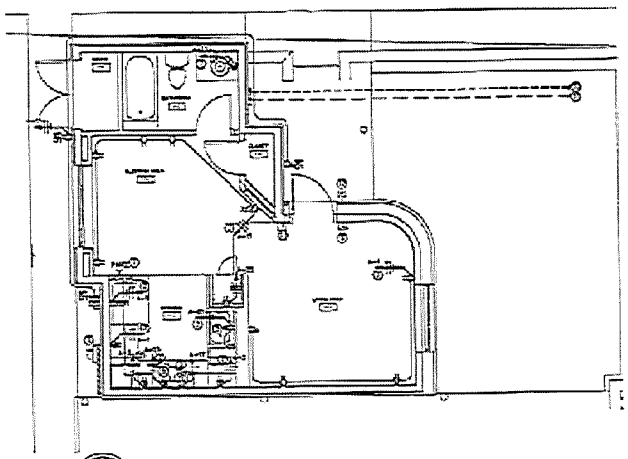
PROJECT NO.
480-01

SHEET TITLE
HVAC POWER PLAN

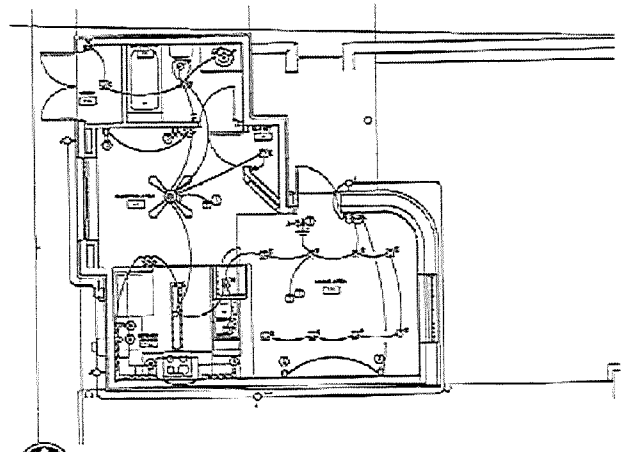
SHEET NO.
E400

GENERAL ELECTRICAL NOTES FOR APARTMENT ONLY

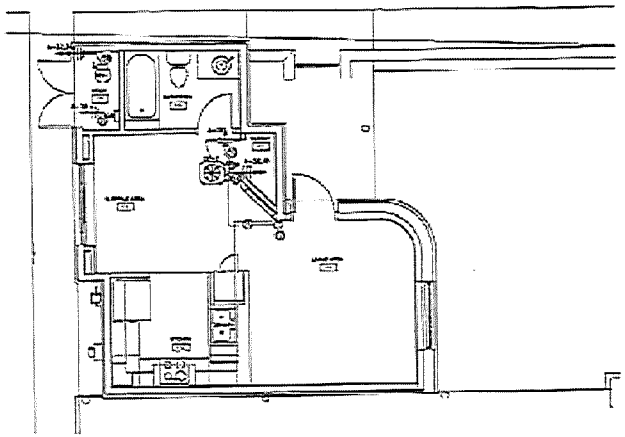
1. PROVIDE LINE VOLTAGE 120V WITH 9V BACKUP BATTERY SMOKE/CO DETECTOR ON CEILING. SMOKE/CO DETECTOR SHALL BE FIRE FIRST ALERT SERIES OR APPROVED EQUAL, INTERCONNECT ALL SMOKE/CO DETECTOR SO THAT IF ONE IS ACTIVATED ALL SMOKE WILL SOUND. PLACE SMOKE DETECTOR IN ACCORDANCE WITH NEC, NFPA AND IRC. INSTALL SMOKE DETECTOR ON EACH BEDROOM.
2. PROVIDE LINE VOLTAGE 120V WITH 9V BACKUP BATTERY SMOKE/CO DETECTOR ON CEILING. SMOKE/CO DETECTOR SHALL BE FIRE FIRST ALERT SERIES OR APPROVED EQUAL, INTERCONNECT ALL SMOKE/CO DETECTOR SO THAT IF ONE SMOKE DETECTOR ARE ACTIVATED ALL SMOKE AND SUNCHOKE DETECTOR WILL SOUND. PLACE SMOKE/CO DETECTOR IN ACCORDANCE WITH NEC, NFPA AND IRC. INSTALL SMOKE/CO DETECTOR OUTSIDE EACH BEDROOM DOOR.
3. INSTALL RECEPTACLE ON CABINET ABOVE STOVE FOR STOVE HOOD SYSTEM. LIGHT ANTENNA TO A DEDICATED CIRCUIT. COORDINATE WITH CABINET INSTALLER AND MECHANICAL DRAWINGS FOR EXACT LOCATION.
4. INSTALL 20A RECEPTACLE UNDER COUNTER FOR GARBAGE DISPOSAL ON A DEDICATED CIRCUIT. INSTALL CONTROL SWITCH ABOVE COUNTER. COORDINATE WITH CABINET INSTALLER AND PLUMBING PLANS FOR EXACT LOCATION.
5. INSTALL TOWER WITH PUSH BUTTON AT 48" ABOVE FINISH FLOOR TO THE LEFT OF ARCH DOOR.
6. INSTALL DOOR WITH DRY TRANSFORMER FOR DOOR BELL CHIME IN CLOSET FOR DOOR BELL SWITCH.
7. DOOR BELL CHIME ON LIVING ROOM.
8. ALL CIRCUITS ON BEDROOMS, LIVING ROOM, KITCHEN AND BATHROOM SHALL BE GUARD BY GFCI SHALL HAVE AN ARC FAULT INTERRUPTER.
9. REFER TO TABLE ENTRIES OF IPC FOR BRANCH CIRCUIT REQUIREMENTS.
10. LAUNDRY, BATHROOMS, KITCHEN AND DINING AREA SHALL HAVE 20 AMP RATED CIRCUIT BREAKERS.
11. PROVIDE A MINIMUM OF 3 SMALL APPLIANCE 20A CIRCUITS BREAKERS IN KITCHEN. THIS CIRCUIT SHALL NOT SERVE ANY OTHER RECEPTACLES.
12. RECEPTACLES DISTRIBUTION ON BEDROOMS, KITCHEN, FAMILY ROOMS, LIVING ROOM, PARLOR, LIBRARY, DEN, SUN ROOM, RECREATION ROOM OR ANY OTHER ROOM SIMILAR TO BE INSTALLED SO THAT NO POINT MEASURE HORIZONTALLY ALONG THE FLOOR LINE IN ANY WALL SPACE IS MORE THAN 6 FEET FROM ANY OPENING OR CORNER AND 12' FROM AN OUTLET TO RECEPTACLE. REFER TO 210.52 (A)(1)
13. RECEPTACLES LOCATED IN BATHROOMS, GARAGES, OUTDOOR, CRAWLSPACE, KITCHEN, BASEMENT, LAUNDRY, UTILITY, BAR SHALL BE A TRIPLE GROUND FAULT AND ARCC FAULT CIRCUIT INTERRUPTER PROTECTION.
14. REFER TO IRC 2009 FOR CIRCUIT DISTRIBUTION REQUIREMENTS.
15. INSTALL PANELS WITH A MINIMUM OF 36" WORKING CLEARANCE IN FRONT OF PANEL.
16. IDENTIFY ALL CIRCUITS IN PANEL SCHEDULES.
17. PROVIDE GFI RECEPTACLE FOR FOUNTAIN PER NEC SECTION 680
18. ALL OUTLETS, FIXTURES AND DOOR TIPS TO BE @ 42" A.F.F.
19. ALL EXTERIOR LIGHT FIXTURES AND OUTLETS TO BE WEATHERPROOF.
20. ELECTRICIAN TO PROVIDE POWER TO HOUSE AS REQUIRED.
21. MATERIAL AND CONSTRUCTION SHALL CONFORM WITH THE LATEST NATIONAL ELECTRICAL CODE, LOCAL POWER COMPANY AND GOVERNING AUTHORITIES.
22. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE STANDARDS OF THE NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION AND SHALL BE NEW AND BEAR LABELS.
23. ELECTRICAL CONTRACTOR TO COORDINATE AND VERIFY WITH THE MECHANICAL AND PLUMBING CONTRACTOR THE LOCATION AND PLACE OUTLETS WITH BOILER, WATER, ETC.
24. VERIFY ALL LOCATIONS OF ELECTRICAL EQUIPMENT WITH OTHER TRADES TO AVOID CONFLICTS DURING INSTALLATION.



E2 / E500 PHASE II POWER PLAN
1/4" = 1'-0"
PROJECT NORTH



E1 / E500 PHASE II LIGHTING PLAN
1/4" = 1'-0"
PROJECT NORTH



E3 / E500 PHASE II HVAC POWER PLAN
1/4" = 1'-0"
PROJECT NORTH

KEYED NOTES

1. INSTALL LINE VOLTAGE 120V WITH 9V BACKUP BATTERY SMOKE/CO DETECTOR ON CEILING. SMOKE/CO DETECTOR SHALL BE FIRE FIRST ALERT SERIES OR APPROVED EQUAL, INTERCONNECT ALL SMOKE/CO DETECTOR SO THAT IF THE SMOKE DETECTORS ARE ACTIVATED ALL SMOKE AND SUNCHOKE DETECTORS WILL SOUND. PLACE SMOKE/CO DETECTOR IN ACCORDANCE WITH NEC, NFPA AND IRC.
2. THIS CIRCUIT TO HAVE AN ARC FAULT INTERRUPTER.
3. PROVIDE SWITCHED OUTLET CONTROLLED AT WALL TOGGLE SWITCH.
4. COORDINATE WITH ARCHITECT FOR EXACT LOCATION OF UNDER CABINET LIGHTING AND LOCATION OF SWITCH.
5. INSTALL RECEPTACLE UNDER COUNTER FOR GARBAGE DISPOSAL. INSTALL CONTROL SWITCH ABOVE COUNTER. COORDINATE WITH CABINET INSTALLER AND PLUMBING PLANS FOR EXACT LOCATION.
6. INSTALL RECEPTACLE ON CABINET ABOVE STOVE FOR STOVE HOOD SYSTEM. LIGHT ANTENNA. COORDINATE WITH CABINET INSTALLER AND MECHANICAL DRAWINGS FOR EXACT LOCATION.
7. COORDINATE WITH GENERAL CONTRACTOR AND ARCHITECT TO ENSURE A MINIMUM 6" WALL IS PROVIDED TO FLUSH MOUNT PANEL.
8. PROPOSE LOCATION OF ELECTRICAL SERVICE, REFER TO RISER DIAGRAM, ON SHEET 1/ESS1.
9. DOOR BELL CHIME.
10. 4" CONDUIT WITH PULL STRING TO TELEPHONE SERVICE LOCATION.
11. 4" CONDUIT TO CABLE TV.
12. FOUNDATION FOR DOORBELL 48" A.F.F.
13. DOOR BELL TRANSFORMER.
14. PROVIDE AND INSTALL 20A, 250V, 1Ph, 3 WIRE, HEAVY DUTY, NEMA 3R NON-FUSED DISCONNECT. MAKE CONNECTIONS TO CONDENSER UNIT WITH WATER TIGHT FLEXIBLE CONDUIT.
15. INSTALL WEATHER PROOF SWITCH AS DISCONNECTING MEANS FOR FURNACE. MAKE CONNECTIONS WITH WATER TIGHT FLEXIBLE CONDUIT. COORDINATE WITH PLUMBING CONTRACTOR FOR EXACT LOCATION.
16. 1/2" CONDUIT WITH PULLSTRING. COORDINATE WITH MECHANICAL CONTRACTOR.
17. LOCATION OF THERMOSTAT. PROVIDE 4" SQ. J-BOX WITH PLASTER RING. COORDINATE WITH MECHANICAL CONTRACTOR FOR EXACT LOCATION.
18. PROVIDE AND INSTALL 30A, 250V, 1Ph, 3 WIRE, HEAVY DUTY, NEMA 3R NON-FUSED DISCONNECT. MAKE CONNECTIONS TO WATER HEATER WITH WATER TIGHT FLEXIBLE CONDUIT.
19. INSTALL WEATHER PROOF, GFI, RECEPTACLE WITH WEATHER PROOF COVER. INSTALL RECEPTACLE UNDER STAIRCASE. COORDINATE WITH MECHANICAL CONTRACTOR FOR EXACT LOCATION.

PHASE II LIGHTING FIXTURE SCHEDULE

TYPE	MANUFACTURER/MODEL NO.	SUPPLY	LED WATTS	COLOR	MOUNTING
B	[illegible]	120V	[illegible]	CSA	[illegible]
C	[illegible]	120V	[illegible]		RECESSED
D	[illegible]	120V	[illegible]		RECESSED
[illegible]	[illegible]	[illegible]	[illegible]		RECESSED
E	[illegible]	120V	[illegible]	CSA	PENDANT
F	[illegible]	120V	[illegible]	CSA	WALL
[illegible]	[illegible]	120V	[illegible]	CSA	PENDANT
[illegible]	[illegible]	120V	[illegible]		WALL
[illegible]	[illegible]	120V	[illegible]		RECESSED
NOTES:					

GENERAL NOTES

1. COORDINATE WITH ARCHITECT FOR EXACT REQUIREMENTS OF PHASE 2 BEFORE BIDING.

RAXIS ENGINEERING
13-072

BLACK RAT TATTOO
1001 Calle De Correo,
Mesilla NM 88046

PROJECT NO. 45001
PHASE II ELECTRICAL PLAN
SHEET NO. E500

1 2

PANEL DH LOAD CENTER - A

LOAD TYPE	CKT. NO.	DESCRIPTION	FEED CODE	AMPS	POLE	LOAD KVA	A		C	LOAD KVA	POLE	AMPS	FEED CODE	DESCRIPTION	CKT. NO.	LOAD TYPE
RC	1	MAIN/EMERGENCY EXIT		20	1	0.9	1.8			1.8	1	20		LIMITED AREA LIGHTING	2	LT
RC	3	KITCHEN OUTLETS		20	1	0.9			0.9		1	20		SPARE	4	
RC	5	KITCHEN OUTLETS		20	1	0.9	0.9				1	20		SPARE	6	
RC	7	KITCHEN OUTLETS		20	1	0.9			0.9		1	20		SPARE	8	
RF	9	KITCHEN OUTLETS		20	1	0.9	0.9				1	20		SPARE	10	
RC	11	ELECTRIC WATER HEATER		20	1	0.9			0.9		1	20		SPARE	12	
RC	13	BATHROOM OUTLETS		20	1	0.9	0.9				1	20		SPACE	14	
RC	15	EXTERIOR OUTLET		20	1	0.9			0.9		1	20		SPACE	16	
RH	17	KITCHEN OUTLET		20	1	0.9	0.9				1	20		SPACE	18	
RC	19	ROOF OUTLET		20	1	0.9			0.9		1	20		SPACE	20	
RC	21	GARAGE OTTOMAN		20	1	0.9	0.9				1	20		SPACE	22	
RC	23	WORD LIGHT		20	1	0.9			0.9		1	20		SPACE	24	
RC	25	WASHER		20	1	0.9	0.9				1	20		SPACE	26	
	27	SPACE		20	1						1	20		SPACE	28	
	29	SPACE		20	1		0				1	20		SPACE	30	
	31	SPARE		20	1				1.5	1.5	2	20		SPA 1	32	CT
	33	SPARE		20	1		1.5			1.5				208V 1PH	34	CT
	35	SPACE		20	1				1.1	1.1	1	20		FOR SPACE	36	CT
	37	SPACE		20	1		1.5			1.5	2	20		SPA 2	38	CT
	39	SPACE		20	1				1.5	1.5				208V 1PH	40	AC
						TOTAL KVA				8.9						
						TOTAL AMPS				74.3						

PANEL DH LOAD CENTER - A	
CONNECTION	3-4
MAIN SIZE	100A
MAIN TYPE	MLO
VOLTS	120/208
PHASE	1
WIRE	3
MOUNTING	SURFACE
MOUNTING	RECESSED
SUITABILITY FOR	FOR USE AS SERVICE EQUIPMENT

	CONNECTED		DEMAND FACTOR	DEMAND LOAD	
	KVA	AMPS		KVA	AMPS
LIGHTING	0.9	4.5	1.25	1.13	5.7
RECEPTACLES	10.45	52.2	0.4	4.18	20.9
APPLIANCE	0.45	2.3	NEC	0.45	2.3
AC	3.00	15.0	0.65	1.95	9.8
APPLIANCE	0.90	4.5	0.8	0.72	3.6
OTHER	0.72	3.6	NEC	0.72	3.6
TOTAL	16.45	82.2		9.43	47.9

PANEL DH LOAD CENTER - B

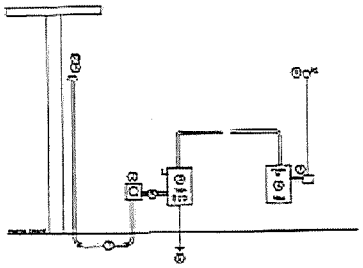
LOAD TYPE	CKT. NO.	DESCRIPTION	FEED CODE	AMPS	POLE	LOAD KVA	A		C	LOAD KVA	POLE	AMPS	FEED CODE	DESCRIPTION	CKT. NO.	LOAD TYPE
RC	1	MAIN/EMERGENCY EXIT		20	1	0.9	1.8			1.7	1	20		EMERGENCY EXIT	2	LT
RC	3	RECEPTION		20	1	0.9			0.9	0.9	1	20		SPA 1	4	LT
RC	5	PHOTO BOOTH 73/75 RTE		20	1	0.9	1.8			0.9	1	20		EXTERIOR LIGHTING	6	LT
RC	7	STAMPER OUTLETS		20	1	0.9			0.9		1	20		SPARE	8	
RC	9	UR FLAT BARBER OUTLETS		20	1	0.9	0.9				1	20		SPARE	10	
RC	11	ULLMAN ROOM OUTLETS		20	1	0.9			0.9		1	20		SPARE	12	
RC	13	ULLMAN ROOM OUTLETS		20	1	0.9	0.9				1	20		SPACE	14	
RC	15	UR FLAT BARBER RTE		20	1	0.9			0.9		1	20		SPACE	16	
RC	17	ULLMAN ROOM OUTLETS		20	1	0.9	0.9				1	20		SPACE	18	
RC	19	KITCHEN OUTLETS		20	1	0.9			0.9		1	20		SPACE	20	
RC	21	OVERHEAD OUTLETS		20	1	0.9	0.9				1	20		SPACE	22	
RC	23	TITLE BOARD		20	1	0.9			0.9		1	20		SPACE	24	
	25	SPACE		20	1		0				1	20		SPARE	26	
	27	SPACE		20	1				0		1	20		SPACE	28	
	29	SPACE		20	1		0				1	20		SPACE	30	
	31	SPACE		20	1				0		1	20		SPACE	32	
	33	SPACE		20	1		1.2			1.2	1	20		MAIN	34	CT
	35	SPACE		20	1				1.2	1.2	1	20		FURNACE	36	CT
	37	SPACE		20	1		0.2			0.2	2	20		OUT	38	AC
	39	SPACE		20	1				7.2	7.2				208V 1PH	40	AC
						TOTAL KVA	5.4			9						
						TOTAL AMPS	45.3			75.2						

PANEL DH LOAD CENTER - B	
CONNECTION	N
MAIN SIZE	100A
MAIN TYPE	MLO
VOLTS	120/208
PHASE	1
WIRE	3
MOUNTING	SURFACE
MOUNTING	RECESSED
SUITABILITY FOR	FOR USE AS SERVICE EQUIPMENT

	CONNECTED		DEMAND FACTOR	DEMAND LOAD	
	KVA	AMPS		KVA	AMPS
LIGHTING	0.9	4.5	1.25	1.13	5.7
RECEPTACLES	14.4	69.9	0.4	5.76	27.9
APPLIANCE	0.45	2.3	NEC	0.45	2.3
AC	4.45	22.3	0.65	2.89	14.5
APPLIANCE	4.35	9.2	0.8	3.48	7.4
OTHER	3.36	16.8	NEC	3.36	16.8
TOTAL	19.35	94.9		15.88	68.6

3 4 5

TATTOO SHOP

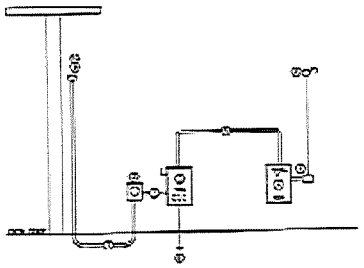


1 E600 ELECTRICAL RISER DIAGRAM

ELECTRICAL RISER DIAGRAM KEYED NOTES

1. 1 1/4" CONDUIT WITH 3-#2 THWN AL CONDUCTORS.
2. NEW ELECTRIC METER PER LOCAL ELECTRIC COMPANY REQUIREMENTS.
3. DISCONNECT, 100A, 240V/120V, 1 PHASE, 3 WIRE, NEMA 3R, WITH (2) 100A FUSES.
4. PANEL "B" 100A,240V/120V 1 PHASE, 3 WIRE, REFER TO PANEL SCHEDULE.
5. 1 1/4" CONDUIT WITH 2-#2 THWN CU. CONDUCTORS, AND 1-#6 CU. GROUND.
6. GROUNDING SYSTEM PER SCHEMATIC 3/E600
7. EXTERIOR NEMA 3R, RAINTIGHT, WITH LOCKABLE COVER LARGE ENOUGH TO FIT TIME CLOCK, A POLE LIGHTING CONTACTOR, AND ASSOCIATED DEVICES.
8. PHOTOCELL ON ROOF, FACING SOUTH.
9. PROVIDE WEATHERHEAD 3" BELOW NEUTRAL LINE ON POLE WITH EACH PHASE PROPERLY CENTERED. PROVIDE FOUR GRADED ASSEMBLY WITH GROUNDING.
10. POWER POLE LOCATION TO BE DETERMINED BY EL PASO ELECTRIC COMPANY.

PHASE II APARTMENT ELECTRICAL SERVICE



2 E600 ELECTRICAL RISER DIAGRAM

ELECTRICAL RISER DIAGRAM KEYED NOTES

1. 2 1/4" CONDUIT WITH 3-#2 THWN AL CONDUCTORS.
2. NEW ELECTRIC METER PER LOCAL ELECTRIC COMPANY REQUIREMENTS.
3. DISCONNECT, 100A, 240V/120V, 1 PHASE, 3 WIRE, NEMA 3R, WITH (2) 100A FUSES.
4. PANEL "A" 100A,240V/120V 1 PHASE, 3 WIRE, REFER TO PANEL SCHEDULE.
5. 1 1/4" CONDUIT WITH 2-#2 THWN CU. CONDUCTORS, AND 1-#6 CU. GROUND.
6. GROUNDING SYSTEM PER SCHEMATIC 3/E600
7. PROVIDE NEMA 3R, RAINTIGHT, WITH LOCKABLE COVER LARGE ENOUGH TO FIT TIME CLOCK, A POLE LIGHTING CONTACTOR, AND ASSOCIATED DEVICES.
8. PHOTOCELL ON ROOF, FACING SOUTH.
9. PROVIDE WEATHERHEAD 3" BELOW NEUTRAL LINE ON POLE WITH EACH PHASE PROPERLY CENTERED. PROVIDE FOUR GRADED ASSEMBLY WITH GROUNDING.
10. POWER POLE LOCATION TO BE DETERMINED BY EL PASO ELECTRIC COMPANY.

SHORT CIRCUIT AVAILABILITY (SCA)

BASED UPON MAXIMUM/BOUNDING TRANSFORMER SETTINGS WITH UNLIMITED PRIMARY S.C. CURRENT (INFINITY BUS)

BUILDING TRANSFORMER = 30 KVA
TRANSFORMER IMPEDANCE (%Z) = 3.75 %
SECONDARY VOLTAGE = 240 VOLTS
SECONDARY PHASE = 1 PHASE

FLA = KVA X 1000 / (KV-L X PHASE CORRECTION) = 30 X 1000 / (240 X 1)

FLA = 208.33 AMPS

MULTIPLIER = 100 / 3.75 = 26.67

"FLA" AMPS X MULTIPLIER = 208.33 X 26.67

SCA = 5556 AMPS AT SECONDARY SIDE OF TRANSFORMER

FAULT CURRENT AT MAIN SERVICE

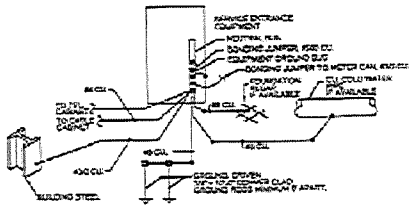
SCA AT SECONDARY = 5556 AMPS
LENGTH TO MAIN SERVICE = 20 FT
"C" WIRE CONSTANT = 19267
OF PARALLEL WIRES = 1

CALCULATE "F" FACTOR

F = PHASE CORRECTION X LENGTH (FEET) X SCA / (# OF PARALLEL WIRES X "C" WIRE CONSTANT X VOLTAGE L-L)

F = 0.1 X 20 X 5556 / (1 X 19267 X 240) = 0.0

NEW SCA = SCA X M
SCA AT MAIN SERVICE = 5556.0 X 1.0 = 5556.0 AMPS



3 E600 GROUNDING SCHEMATIC

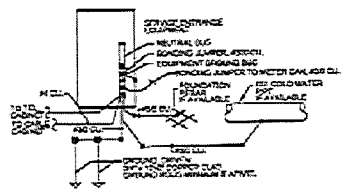
BLACK RAT TATTOO
1901 Calle De Correo,
Mesa Fa NM, 88048

PROJECT NO. 450401

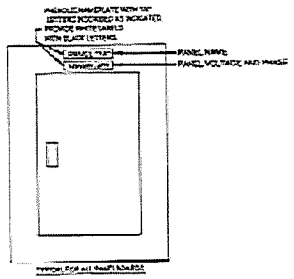
SHEET TITLE DETAILS

SHEET NO. E600

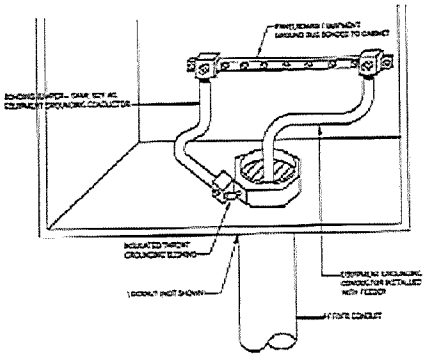
RAXIS ENGINEERING



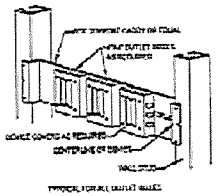
GROUNDING SCHEMATIC



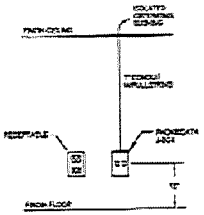
PANELBOARD IDENTIFICATION SCHEMATIC



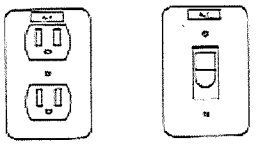
PANELBOARD BONDING SCHEMATIC



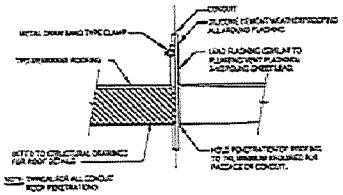
MULTIPLE OUTLET BOX DETAIL



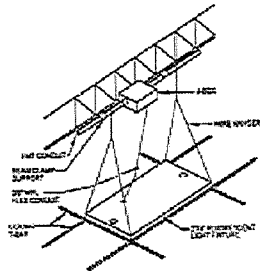
TYP. PHONE/DATA BOX



RECEPTACLE AND SWITCH LABEL TYPICAL FOR ALL



CONDUIT ROOF PENETRATION SCHEMATIC



LAY-IN FIXTURE MOUNTING DETAIL

BLACK RAT TATTOO

1901 Calle Op Carreo,
Masilla NM 88048

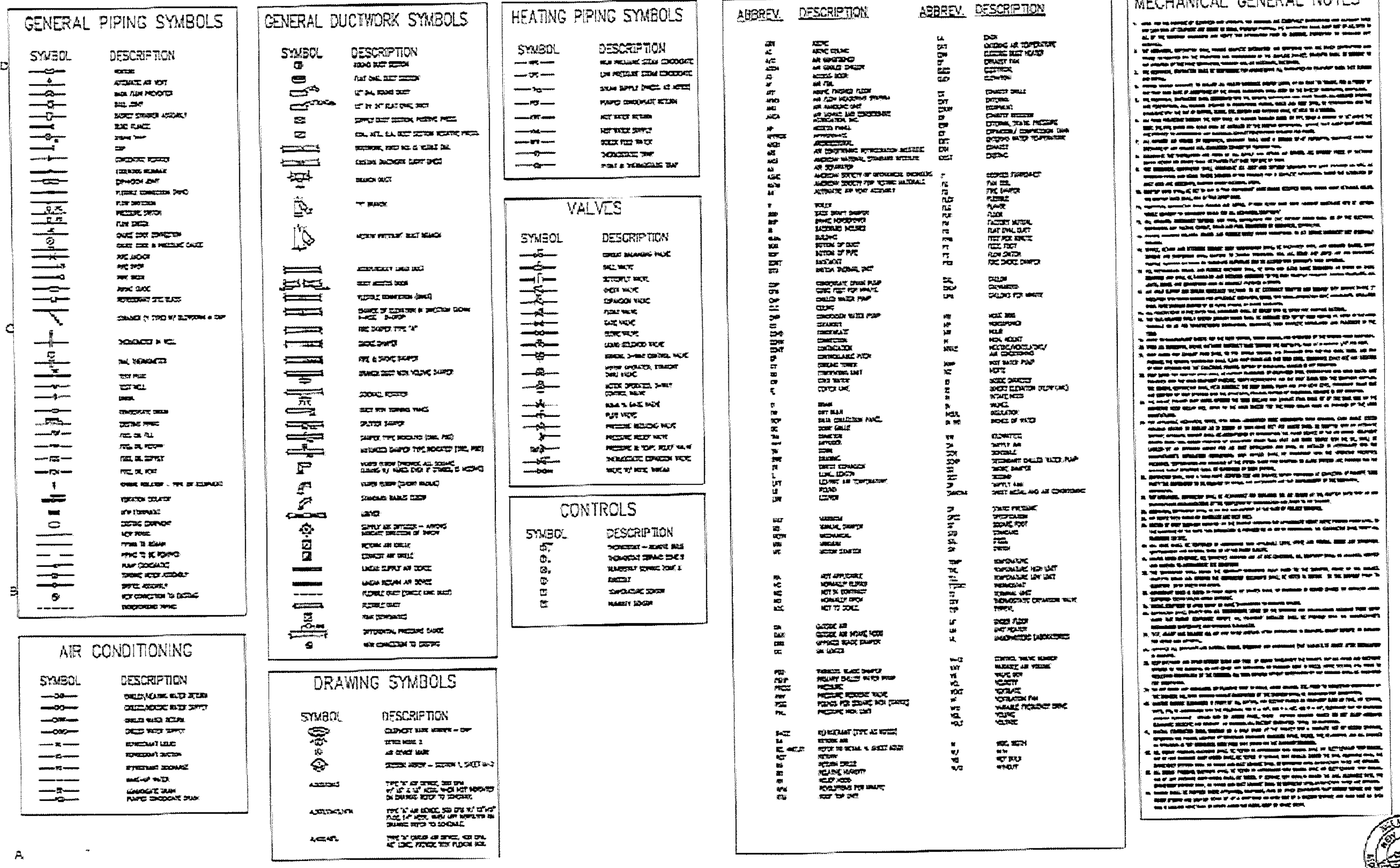
PROJECT NO.
49047

DETAILS

SHEET NO.
E700

RAXIS ENGINEERING

MECHANICAL SYMBOLS AND ABBREVIATIONS



MECHANICAL GENERAL NOTES

[illegible]

BLACK RAT TATTOO
1901 Calle De Carrao,
Mesilla NM 88046

RAXIS ENGINEERING
07-01-15
15-070

PROJECT NO.
400-01

SHEET TITLE
GENERAL NOTES

SHEET NO.
M100

DIFFUSER AND GRILLE SCHEDULE

MARK	DESCRIPTION	MANUFACTURER, MODEL, SIZES AS LABELED ON DRAWING	REMARKS
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]

EXHAUST FAN SCHEDULE

MARK	MANUFACTURER AND MODEL NUMBER AS PRINTED ON LABEL	CFM	SP	MOTOR				SONES	REMARKS
				HP	VOLTS	PHASE	FRAME		
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

OUTDOOR CONDENSING UNIT SCHEDULE

TAG	MANUFACTURER	OUTDOOR MODEL	LOCATION	ACTUAL TYPE	CFM	CSM	CFM/S	COOLING WATT TOTAL	COOLING WATT TOTAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	OPTIONS
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

GAS FURNACE & EVAPORATOR UNIT SCHEDULE

TAG	MANUFACTURER	MODEL	LOCATION	CFM	ESP	STYLE	BU/H	COOLING WATT TOTAL	COOLING WATT TOTAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	OPTIONS
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

OPTIONS TABLE

1. PROVIDE SECONDARY DRAIN PAN
2. [illegible]
3. SECONDARY OVERHEAT SAFETY SWITCH
4. PROGRAMMABLE THERMOSTAT
5. GAS HEATING WITH ECM MOTOR
6. DISCONNECT BY OTHERS

COMcheck Software Version 4.0.8.1

Mechanical Compliance Certificate

Project Information

Energy Code: 2015 IECC
Climate Zone: [illegible]
Project Type: New Construction

Additional Efficiency Packages(s)

Mechanical Systems List

Quantity System Type & Description

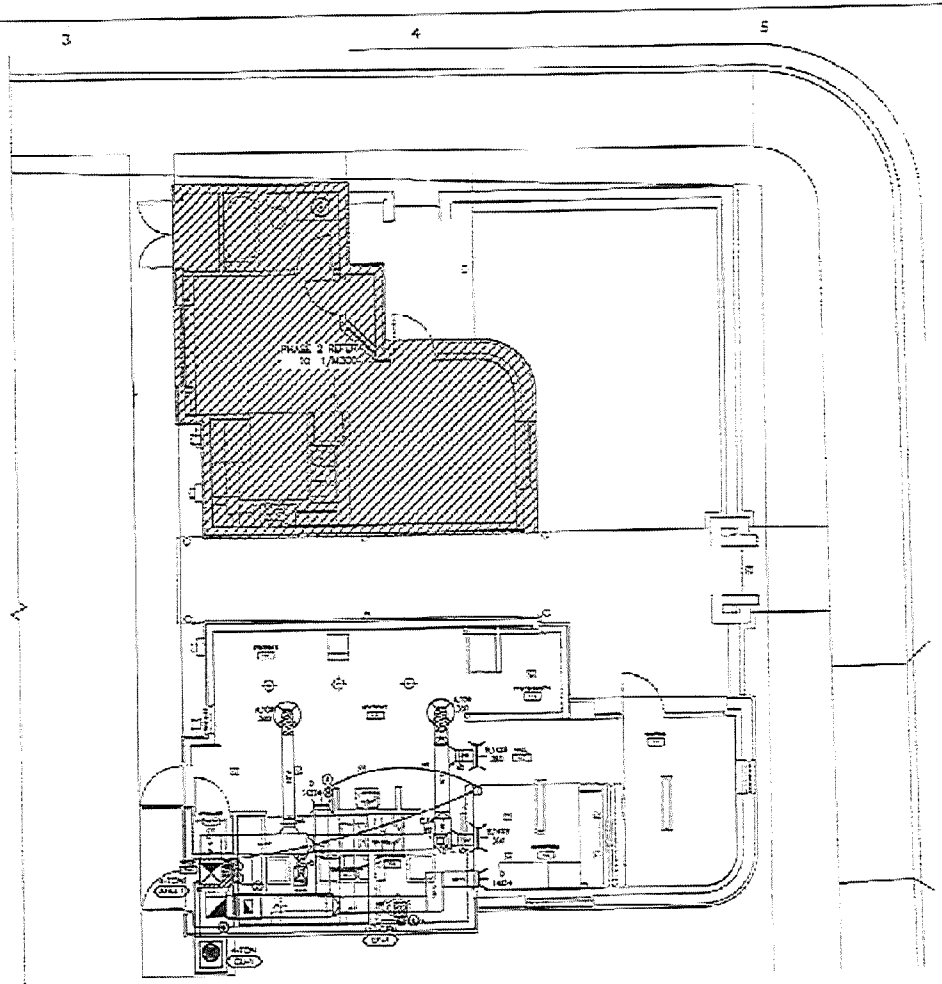
Mechanical Compliance Statement

Compliance Statement: The proposed mechanical design represented in this document is consistent with the building plans, specifications, and other calculations submitted with the permit application. The proposed mechanical systems have been installed in accordance with the IECC requirements in COMcheck Version 4.0.2 and on-site inspections and functional testing have been found to be in compliance with the requirements listed in the Interior Lighting.

Name of Owner: Signature: Date:

KEYED NOTES

1. 6"Ø ROUND DUCT THRU ROOF TO COOKTHECK FROM EXHAUST FAN.
2. PROVIDE AND INSTALL MIXING BOX "MB-DP100A-SWOH" FOR FRESH AIR DUCT AND RETURN DUCT.
3. 4"Ø ROUND FLUE VENT THRU ROOF TO VENT CAP FROM FURNACE.
4. LOCATION OF ROMOTE TEMPERATURE SENSOR.
5. (2) 4"X4" DUCT FOR COMBUSTION AIR.
6. 12"X8 DUCT THRU ROOF TO COOKTHECK FOR FRESH AIR TO FAN COIL RETURN DUCT.



M1 / M200 MECHANICAL PLAN
1/4" = 1'-0"

BLACK RAT TATTOO
1901 Calle De Correo,
Mesilla NM 88046

PROJECT NO. 450-01

SHEET TITLE: MECHANICAL PLAN

SHEET NO. M200

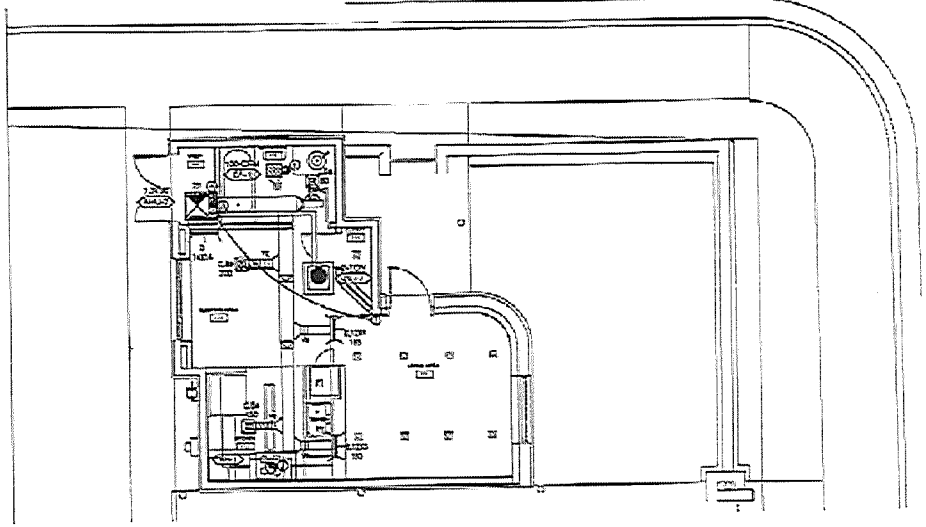
RAXIS

GENERAL NOTES

1. COORDINATE WITH ARCHITECT FOR EXACT REQUIREMENTS OF PHASE 2 OUTDOOR SIGNS.

KEYED NOTES

1. 6"ø ROUND DUCT THRU ROOF TO COOLSHOCK FROM EXHAUST FAN.
2. 7"ø ROUND DUCT THRU ROOF TO ROOF VENT CAP FROM HOOD EXHAUST FAN.
3. 4"ø ROUND FLUE VENT THRU ROOF TO VENT CAP FROM FURNACE.
4. (2) 4"ø4" DUCT FOR COMBUSTION AIR.



PROJECT NORTH

M1 / M300 PHASE II MECHANICAL PLAN
1/4" = 1'-0"

FUME HOOD SCHEDULE

MARK	MANUFACTURER AND MODEL NUMBER OR APPROVED EQUAL	CFM	REMARKS
FH-1	[illegible]	200	[illegible]

DIFFUSER AND GRILLE SCHEDULE

MARK	DESCRIPTION	MANUFACTURER AND MODEL NUMBER OR APPROVED EQUAL	REMARKS
A	SUPPLY	[illegible]	[illegible]
B	SUPPLY	[illegible]	[illegible]
C	SUPPLY	[illegible]	[illegible]
D	RETURN	[illegible]	[illegible]

EXHAUST FAN SCHEDULE

MARK	MANUFACTURER AND MODEL NUMBER OR APPROVED EQUAL	AREA	CFM	SP	MOTOR				SONES	REMARKS
					HP	VOLTS	PHASE	RPM		
EF-1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]	[illegible]

OUTDOOR CONDENSING UNIT SCHEDULE

TAG	MANUFACTURER	OUTDOOR MODEL	LOCATION	REFR TYPE	CH. CFM	CFM	SP	SYTEM	COOLING MODE			HEATING MODE			ELECTRICAL			APPROVED
									TOTAL	SENS	PWR	OUTPUT	COPOUT	AMPS	VOLTS	PHASE	MCA	
CU-1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

OPTIONAL TABLE

1. [illegible]
2. [illegible]
3. [illegible]
4. [illegible]

GAS FURNACE & EVAPORATOR COIL SCHEDULE

TAG	MANUFACTURER	MODEL	LOCATION	CFM	ESP	SYTEM	REFR TYPE	COOLING MODE			HEATING MODE			ELECTRICAL				APPROVED
								TOTAL	SENS		PWR	INPUT	OUTPUT	AMPS	VOLTS	PHASE	MCA	
F-1	[illegible]	[illegible]		[illegible]	[illegible]		[illegible]				[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AHU-1	[illegible]	[illegible]		[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]								

OPTIONAL TABLE

1. PROVIDE DISCONNECT SWITCH FOR
2. PROVIDE LINE SET PER MANUFACTURER
3. SECONDARY CONDENSATE SAFETY SWITCH
4. PROGRAMMABLE THERMOSTAT [illegible]
5. GAS HEATING MOTOR MOTOR
6. DISCONNECT BY OTHERS

RAXIS ENGINEERING

07-21-15

10-073

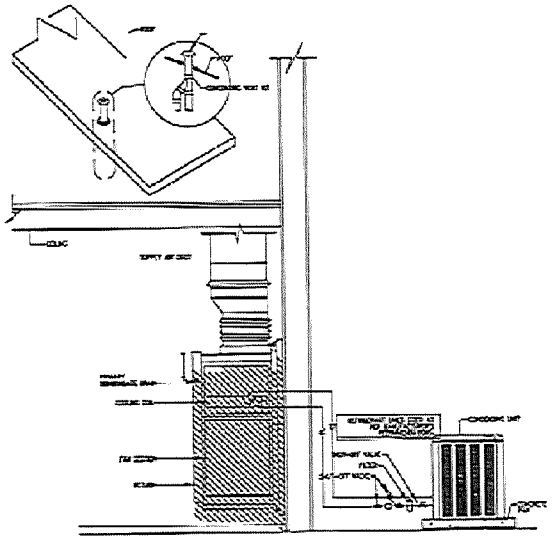
BLACK RAT TATTOO
1301 Calle De Correo,
Mesilla NM 88046

MARK	DATE	REVISION

PROJECT NO.
400-07

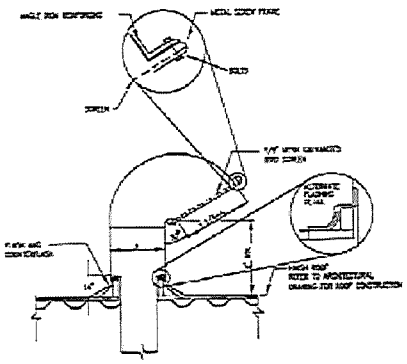
SHEET TITLE
PHASE II MECHANICAL PLAN

SHEET NO.
M300



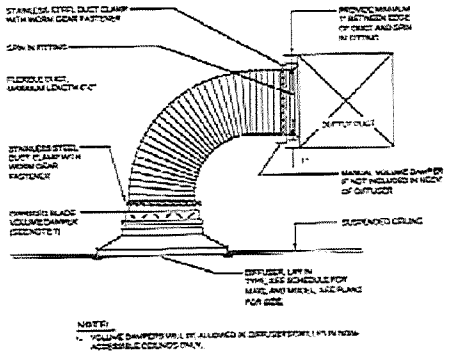
1 M400 SPLIT INSTALLATION DETAIL

NOT TO SCALE



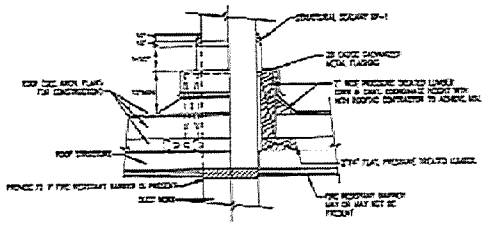
2 M400 GOOSENECK DETAIL

NOT TO SCALE



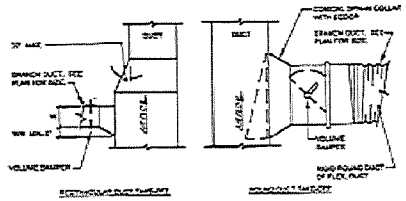
3 M400 CEILING DIFFUSER SCHEMATIC

NOT TO SCALE



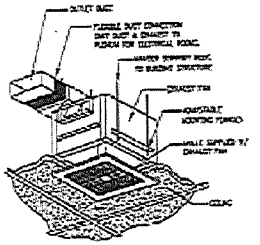
4 M400 DUCT THRU ROOF DETAIL

NOT TO SCALE



5 M400 DUCT CONNECTION SCHEMATIC

NOT TO SCALE



6 M400 EXHAUST FAN DETAIL

NOT TO SCALE

RAXIS ENGINEERING

BLACK RAT TATTOO

1901 Calle Da Correo,
Mesilla NM 88048

PROJECT NO.
400-01

MECHANICAL DETAILS

SHEET NO.
M400

PLUMBING SYMBOLS AND ABBREVIATIONS

GENERAL PIPING SYMBOLS

SYMBOL	DESCRIPTION
	NO SCALE CROW
	FLARE CONNECTION
	TAP
	SLIND FLANGE
	PLUMBING FIXTURE & CONNECTION SEE FIXTURE CONNECTION SCHEDULE
	PLAN/VERTICAL MARKER SHEET MARKER
	PIPE DROP
	PIPE RISE
	TEE FITTING – SIDE BRANCH CONNECTION
	TEE FITTING – BOTTOM BRANCH CONNECTION
	TEE FITTING – TOP BRANCH CONNECTION
	CONCENTRIC REDUCER
	ECCENTRIC REDUCER
	BALL JOINT
	EXPANSION JOINT
	FLEXIBLE CONNECTION (FPC)
	FLOW DIRECTION
	PIPE ANCHOR
	PIPE GUIDE
	NEW CONNECTION TO EXISTING
	FIRE HYDRANT
	GAS PRESSURE REGULATOR
	GAS METER
	WATER METER
	DEHUMIDIFIER

DOMESTIC WATER SUPPLY

SYMBOL	DESCRIPTION
	PIPING TO BE INSULATED
	NEW COLD WATER PIPE
	NEW HOT WATER (120°)
	NEW HOT WATER RETURN (120°)
	NEW FIRE PIPE
	HOT WATER @ 140°
	CHECK VALVE(S) SEE PLUMBING FIXTURE CONNECTION SCHEDULE

UTILITIES

WATER / SEWER SERVICE	
NATURAL GAS SERVICE	

GENERAL PIPING SYMBOLS – VALVES

SYMBOL	DESCRIPTION
	VALVE IN BOX
	BALL VALVE
	CHECK VALVE
	GATE VALVE
	PRESSURE & TEMP. RELIEF VALVE
	PIPING PLUG (TYPICAL)
	EMERGENCY PRESSURE RELIEF FLOW INDICATOR (TRIPP)
	PRESSURE REDUCING VALVE

SANITARY SEWER/WASTE/VENT

SYMBOL	DESCRIPTION
	CLEANOUT
	FLOOR DRAIN @ P-TRAP (TYPE)
	FLOOR DRAIN, DROP DRAIN, OR WALL DRAIN (SIZE & TYPE NOTED)
	ROOF DRAIN & P-TRAP
	2-WAY COMPRESSIONS CLEANOUT PLUG INSERT IN CONCRETE FOR FLOOR TRIM FINISHED GRADE
	SANITARY COMBINATION FITTING
	VENT PIPE (PLUMBING)
	SANITARY DRAIN
	GRAVITY DRAIN
	FLOOR DRAIN
	ROOF DRAINAGE
	DECKMOUNT ROOF DRAINAGE
	NEW PIPING (WASTE, WATER, ETC)
	PIPING TO BE REMOVED
	EXISTING PIPING (WASTE, WATER, SECONDARY LINES)
	EXISTING WATER PIPE
	EXISTING SANITARY SEWER PIPE
	EXISTING VENT PIPE
	NEW VENT PIPE

NATURAL GAS

SYMBOL	DESCRIPTION
	PIPING TO BE REMOVED
	EXISTING HIGH PRESSURE GAS PIPE
	EXISTING LOW PRESSURE GAS PIPE
	GAS SUPPLY PRESSURE
	GAS SUPPLY PRESSURE PRESSURE
	PLUG VALVE

PLUMBING ABBREVIATIONS

ABBREV.	DESCRIPTION	ABBREV.	DESCRIPTION
ABV	ABOVE	[illegible]	ACCESS DIMENSION
A.C.	ACOUSTIC CEILING	[illegible]	ABOVE FINISHED FLOOR
A.D.	ACCESS DOOR	[illegible]	ACCESS PANEL
AFF	ABOVE FINISHED FLOOR	[illegible]	ADJUSTABLE
[illegible]	ACCESS PANEL	[illegible]	ANGLE OF WALLS
APPROX	APPROXIMATE	[illegible]	ELEVATOR
ARCH	ARCHITECTURAL	[illegible]	LONG LOCK
ASME	AMERICAN SOCIETY OF MECHANICAL ENGINEERS	[illegible]	LAVATORY – NOT. PLUMB. FIXT. SCHEDULE
ASTM	AMERICAN SOCIETY FOR TESTING MATERIALS	[illegible]	MOUNT
[illegible]	BOTTOM OF	[illegible]	BARRIER
[illegible]	BOILER	[illegible]	MECHANICAL
BWP	BOILER WATER PUMP	[illegible]	MANUAL
BLDG	BUILDING	[illegible]	WATER SOFTENER
BOP	BOTTOM OF PIPE	[illegible]	MEMBRANE
BSC	BASEMENT	[illegible]	NOT APPLICABLE
BTU	BRITISH THERMAL UNIT	[illegible]	NOT IN CONTRACT
[illegible]	BACKFLOW VALVE	[illegible]	NOT TO SCALE
[illegible]	COMPRESSED AIR	[illegible]	ON CENTER
[illegible]	CENTER TO CENTER	[illegible]	PHYSICAL
[illegible]	CAPACITY	[illegible]	PORCELAIN
[illegible]	CONDENSATE	[illegible]	PLUMBING
[illegible]	CHOCOLATE DRAIN PUMP	[illegible]	PRESSURE
[illegible]	CAST IRON	[illegible]	PRESSURE REDUCING VALVE
[illegible]	CEILING	[illegible]	PLUMBING
[illegible]	CLEANOUT	[illegible]	PLUMBING FIXTURE NOTE (CFN/TS)
[illegible]	CONNECTION	[illegible]	PLUMBING, CHLORINE
[illegible]	CONTINUATION	[illegible]	PRESSURE REDUCER – NOT. PLUMB. FIXT. SCHED.
[illegible]	CHECK VALVE	[illegible]	ROOF DRAIN
[illegible]	CONDUIT LINE	[illegible]	WATER TO METAL & SHEET PVC
[illegible]	DRAIN	[illegible]	REFRIGERATOR
[illegible]	DOUBLE ELEMENT	[illegible]	REDUCED PRESSURE BACKFLOW PREVENTER
[illegible]	DAMPER	[illegible]	SINK – NOT. PLUMB. FIXT. SCHEDULE
[illegible]	DOWN	[illegible]	SCHEDULE
[illegible]	DIAPHRAGM VALVE	[illegible]	STORM DRAIN
[illegible]	DRAWING	[illegible]	SEDIMENT
[illegible]	DRAIN	[illegible]	SHOWER HEAD – NOT. PLUMB. FIXT. SCHED.
[illegible]	DRAIN	[illegible]	SPECIFICATION
[illegible]	CONDUIT	[illegible]	SUMP PUMP
[illegible]	CONDUIT	[illegible]	SCUPPER/ROOF DRAIN
[illegible]	DRYER	[illegible]	SURFACE DRAIN/DOWN SPOUT
[illegible]	3" FLOOR DRAIN TYPE 1	[illegible]	STANDARD
[illegible]	EXCESS FLOW VALVE	[illegible]	STEEL
[illegible]	FLOOR CLEANOUT	[illegible]	SINGLE
[illegible]	FIXTURE	[illegible]	TEMPERATURE
[illegible]	FINISHED FLOOR	[illegible]	TRAP PRIMER – NOT. PLUMB. FIXT. SCHED.
[illegible]	FINISHED GRADE	[illegible]	TYPICAL
[illegible]	FLANGE	[illegible]	URINAL – NOT. PLUMB. FIXT. SCHED.
[illegible]	FLOOR	[illegible]	UNDER FLOOR
[illegible]	FACTORY MUTUAL	[illegible]	UNDER GROUND
[illegible]	FIELD FOR WASTE	[illegible]	UNDERWRITERS LABORATORIES
[illegible]	FEET, FOOT	[illegible]	UTILITY
[illegible]	FLOOR DRAIN	[illegible]	VACUUM BOX
[illegible]	GAUGE	[illegible]	VITRIFIED CLAY PIPE
[illegible]	HEATING	[illegible]	VELOCITY
[illegible]	GALVANIZED	[illegible]	VOLUME
[illegible]	GROUND CLEANOUT	[illegible]	VOLTAGE
[illegible]	GALLONS PER HOUR	[illegible]	VENT THRU ROOF
[illegible]	GALLONS PER MINUTE	[illegible]	WIDE, WIDTH
[illegible]	GREASE WASTE	[illegible]	WASHER BOX – NOT. PLUMB. FIXT. SCHED.
[illegible]	GROUND VENT	[illegible]	WATER BOWL – NOT. PLUMB. FIXT. SCHED.
[illegible]	HOSE HOOKUP	[illegible]	WITH
[illegible]	HOSE BIBB – NOT. PLUMB. FIXT. SCHED.	[illegible]	WEIGHT
[illegible]	HORIZONTAL	[illegible]	WATER CLOSET – NOT. PLUMB. FIXT. SCHED.
[illegible]	HOUR	[illegible]	WELL, WEATHER
[illegible]	HEATER	[illegible]	WATERING DEVICE – NOT. PLUMB. FIXT. SCHEDULE
[illegible]	HOT WATER RECIRCULATING PUMP	[illegible]	WATER HEATER – NOT. PLUMB. FIXT. SCHED.
[illegible]	[illegible]	[illegible]	WATER SOFTENER – NOT. SPECIFICATIONS
		[illegible]	WALL THROUGH DRAIN – NOT. PLUMB. FIXT. SCHED.
		[illegible]	WATER

PLUMBING GENERAL NOTES

[illegible]

BLACK RAT TATTOO
19C1 Calle Da Corrois,
Mesilla NM 88046

Date	Description
[illegible]	[illegible]

DESIGN HIGH ARCHITECTS P.C.
1214 SOUTH MAIN STREET
LAS CRUCES
NEW MEXICO 88001
P. 575.524.0423

PROJECT NO.
480-01

SHEET TITLE
PLUMBING
GENERAL NOTES

SHEET NO.
P100

RAXIS ENGINEERING

PLUMBING FIXTURE SCHEDULE

MARK	DESCRIPTION	MANUFACTURER AND MODEL NUMBER OR APPROVED EQUAL	FIXTURE REQUIREMENTS				ACCESSORIES
			DRAIN	VENT	COLD	HOT	
WC-1	TANK CLOSET FLOOR MOUNTED BOTTOM OUTLET	KOHLER K-96055-0-0	3"	3-1/2"	3-0/7"	-	BOWL: ELONGATED, ADA COMPLIANT, VITREOUS CHINA, ANTIMICROBIAL FINISH. SEAT: KOHLER MODEL K-4731, CA-0 WHITE OPEN FRONT TOILET SEAT. FLUSHOMETER: KOHLER MODEL K-79123-CP, MANUAL, 3.5 GPF, 3-1/2" TOP SPUD.
L-1	LAVATORY OVAL DROP IN VITREOUS CHINA MANUAL FAUCET	KOHLER K-2075-W-47	1"	1-1/2"	1/2"	1/2"	FIXTURE: ADA COMPLIANT, VANDAL RESISTANT, ANTIMICROBIAL METAL GRID STRAINER, P-TRAP, P STOP WITH PLASTIC SUPPLIES, ADA TRAP, STOP & SUPPLY PASTE STOPS. MATERIAL: VITREOUS CHINA, WHITE. FAUCET: MODEL K-15172-4-CP, MANUAL.
S-1	SINK DROP IN CHINA WORK	KOHLER K-2343-3-NA	2"	1-1/2"	1/2"	1/2"	FIXTURE: 22"W x 33"L x 8"D, 18 GAUGE STAINLESS STEEL. STRAINER: MODEL K-8802, WASTE LINES SHALL BE NON-CORROSIVE PVC. FAUCET: K-15172-4-CP, MANUAL.
S-2	TAKE SINK WALL MOUNTED	KOHLER K-2355-8-0	2"	1-1/2"	1/2"	1/2"	FIXTURE: 22"W x 33"L x 8"D, 20 GAUGE 304 STAINLESS STEEL. WASTE LINES SHALL BE NON-CORROSIVE PVC. FAUCET: K-15400-4-0-CP, MANUAL.
MOP-1	MOP SINK	FIAT MOP-24SH	3"	2"	1/2"	1/2"	FIAT KEDAHA FAUCET, HOSE AND BRACKET NO. 833-4A-30" MOP HANGER NO. 191-17-24"
HB-1	HOSE BIBB WALL MOUNTED	CLARK Z-1244	-	-	3/4"	-	CLARK KOCHA-VB DEPOSED NON-FREEZE WALL HYDRANT, WITH OPTIONAL ANTI-SIPHON VACUUM BREAKER, HAND OPERATION REQUIRED FOR USE.
WH-1	WATER HEATER ELECTRIC 10 GALLON TANK	A.O. SMITH EJE-10	-	-	3/4"	3/4"	SUPPLY, EXPAND, SINGLE FEEDER. SELF-CONTAINED DRY NO LEAT 100°F MIX.
FCO	FLOOR CLEAN OUT	ZURN Z-1400	2" TO 4"	-	-	-	
CCO	CHASE CLEANOUT	ZURN Z-1469-NH	2" TO 4"	-	-	-	
WCO	WALL CLEANOUT	ZURN Z-1446	2" TO 4"	-	-	-	
CA-1	CHECK ACCUMULATOR	ZURN Z-1700	-	-	1/2"	-	TURN-ACTOR, FULLY MECHANICAL WATER HAMMER ARRESTER SIZED AND LOCATED PER THE MANUFACTURER'S SPECIFICATIONS.
MBV-1	MIXING VALVE	WILKINS WS350-NL	-	-	1/2"	1/2"	WILKINS MODEL WS350-NL, ANTI-SCALD THERMOSTATIC MIXING VALVE, WITH BRONZE BODY AND INTERNAL MONITORING MODEL.
BFP-1	WATER LINE PREVENTER	ZURN WILKINS 350PLUS	-	-	1/2"	-	MODEL 350PLUS, MINIMUM MORNING CHAMBER PRESSURE 35PSIG, MAXIMUM MORNING WATER TEMPERATURE 100°F, MAIN VALVE & BOOTLOW LEAD OUT BRONZE.

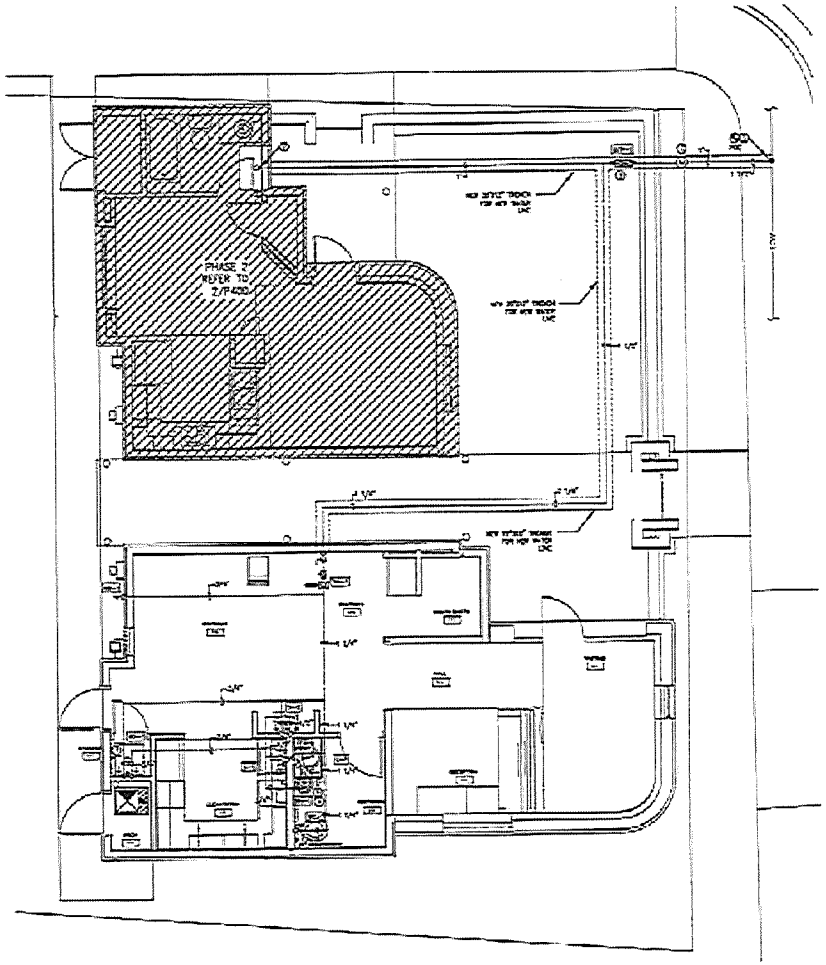
TOTAL SHOP WATER SUPPLY FIXTURE UNITS TABLE

FIXTURE	OCCUPANCY	TYPE OF SUPPLY CONTROL	Number of Fixtures	Total WSFU		
				Cold	Hot	Total
[illegible]	Private	Flushometer	1	[illegible]	1	1.4
[illegible]	Public, Pub.	3/4" valve	1	0.75	0	0.5
Lavatory	Private	Faucet	3	2.5	1.5	3.5
Lavatory sink	Public, Pub.	Faucet	1	2.25	2.25	3
Janitor sink	Private	Faucet	1	1	1	1.4
Washing machine (8lb)	Private	Automatic	1	1	0	1
Water closet	Private	Flush valve	1	5	0	5
Water closet	Private	Flush tank	1	2.2	0	2.2
TOTAL			10	12.45	6.75	18

Total GPM		
Cold	Hot	Total
22.7	13.4	32.9

KEYED NOTES

1. EXISTING AND DESIGNATED FULL SIZE CONDENSATE DRAIN DOWN TO 6" ABOVE SERVICE SINK.
2. EXISTING WATER METER TO REMAIN.
3. POINT OF CONNECTION – PLUMBING CONTRACTOR TO CONNECT NEW 1 1/2" WATER LINE TO EXISTING WATER MAIN LINE. FIELD VERIFY EXACT INVERT AND LOCATION OF EXISTING SERVICE WATER MAIN LINE PRIOR TO CONSTRUCTING REMAIN OF WORK.
4. INSTALL WATER HEATER ABOVE CEILING. PROVIDE ACCESS DOOR FOR MAINTENANCE TO WATER HEATER. COORDINATE WITH ARCHITECT FOR EXACT LOCATION.
5. PROVIDE AND INSTALL NEW 1" WILKINS PRESSURE PRESSURE BACKFLOW PREVENTER MODEL 350PLUS, WILKINS & STORCK OR APPROVED EQUAL. PLUMBING CONTRACTOR TO PROVIDE AND INSTALL INSULATING COVER "HOT BOX" OR EQUAL IN CONJUNCTION WITH BACKFLOW PREVENTER.
6. EXTEND AND DESIGNATED FULL SIZE DRAIN FROM WATER HEATER PAN DOWN TO 6" ABOVE NOR SINK.
7. 1" WATER STUB-UP FOR FUTURE BUILDING FOR PHASE 2. COORDINATE WITH ARCHITECT FOR EXACT LOCATION AND REQUIREMENTS.



PROJECT NORTH

P1 / P200 DOMESTIC WATER PLUMBING PLAN
1/4" = 1'-0"

RAXIS ENGINEERING

BLACK RAT TATTOO
1901 Calle De Correo,
Mesilla NM 88046

PROJECT NO. 460-01

DOMESTIC WATER PLUMBING PLAN

SHEET NO. P200

[illegible]

KEYED NOTES

① 2"ø UP VENT UP THRU ROOF.

② PROVIDE FULL SIZE WALL CLEANOUT.

③ GAS STUB OUT FOR FUTURE FIREPLACE. COORDINATE WITH ARCHITECT FOR EXACT LOCATION.

④ POINT OF CONNECTION – PLUMBING CONTRACTOR TO CONNECT NEW LOW PRESSURE GAS LINE TO EXISTING GAS LINE. FIELD VERIFY EXACT LOCATION OF EXISTING GAS MAIN LINE PRIOR TO COMMENCING ROUGH IN WORK.

⑤ REFER TO CIVIL PLANS FOR EXACT LOCATION OF EXISTING SEWER LINE.

⑥ NEW ROUTING OF LOCAL GAS UTILITY SERVICE YARD LINE TO NEW GAS METER SERVING NEW BLDG. PLUMBING CONTRACTOR TO COORDINATE AND PAY FOR ALL FEES ASSOCIATED WITH LOCAL GAS COMPANY SERVICE WORK.

⑦ NEW GAS METER AND REGULATOR ASSEMBLY CAPABLE OF 354 CFH [illegible] NEW METER/REGULATOR ASSEMBLY AND YARD LINE. YARD LINE TO BE PROVIDED AND INSTALLED BY LOCAL GAS UTILITY SERVICE. PLUMBING CONTRACTOR TO COORDINATE AND PAY FOR ALL FEES ASSOCIATED WITH LOCAL GAS SERVICE WORK.

⑧ EXCESS FLOW VALVE REQUIRED. EFV 3000 MODEL [illegible] SHALL BE INSTALLED AS CLOSE AS PRACTICABLE TO THE GAS MAIN.

⑨ 3" SEWER STUB-OUT FOR FUTURE BUILDING. COORDINATE WITH ARCHITECT FOR EXACT LOCATION AND REQUIREMENTS.

⑩ 1" GAS STUB-UP FOR FUTURE BUILDING. COORDINATE WITH ARCHITECT FOR EXACT LOCATION AND REQUIREMENTS.

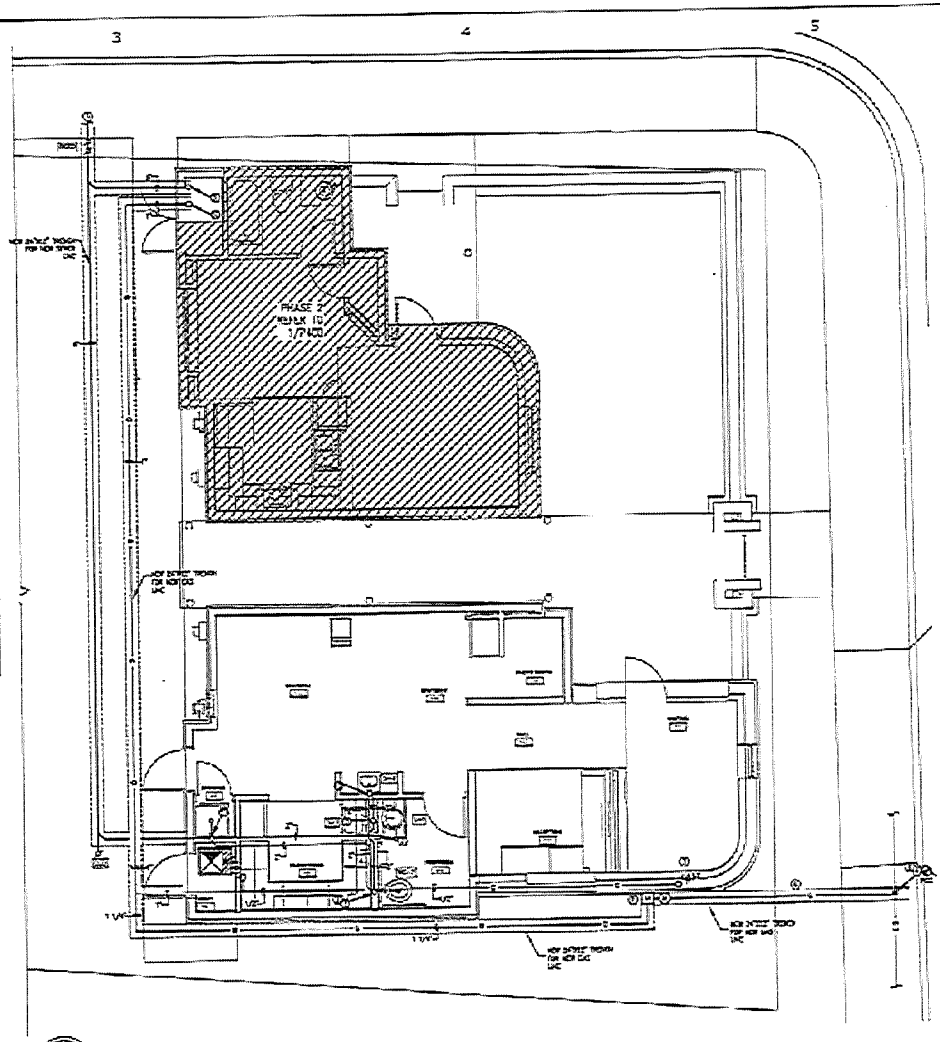
GAS DEMAND CALCULATIONS

[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	1	[illegible]	[illegible]
[illegible]	1	[illegible]	[illegible]
FIREPLACE	2	[illegible]	[illegible]
FURNACE	1	[illegible]	[illegible]
TOTAL DEMAND			[illegible]

[illegible]

PIPING MATERIAL SCHEDULE

1	DOMESTIC WATER PIPE (ABOVE GROUND)	[illegible] COPPER TUBING WITH [illegible] SOLDER JOINTS. COPPER OR BRASS FITTINGS. ALL SOLDER TO BE "NO LEAD" TYPE. ALL DOMESTIC WATER TO BE INSULATED IN COMPLIANCE WITH LOCAL ORDINANCES AND ENERGY CONSERVATION CODES.
2	DOMESTIC WATER PIPE (BELOW GROUND)	TYPE "K" SOFT DRAWN COPPER TUBING WITH BRAZED CONNECTIONS.
3	SEWER AND VENT PIPE (ABOVE AND BELOW GRADE)	[illegible]
4	CONDENSATE, DRAIN AND INDIRECT DRAINAGE PIPE (INTERIOR TO BUILDING)	[illegible]
5	CONDENSATE DRAIN PIPE (EXTERIOR TO BUILDING)	[illegible]
6	STORM DRAIN PIPE (ABOVE AND BELOW GRADE)	[illegible]
7	NATURAL GAS PIPE	[illegible]
8	SLEEVE PIPE FOR REFRIGERANT, [illegible]	[illegible]
9	[illegible] PIPING	[illegible]



P1
P300
SEWER AND VENT PLUMBING PLAN
1/4" = 1'-0"

PROJECT NORTH

RAXIS
ENGINEERING

BLACK RAT TATTOO
1001 Calle De Carroo,
Mesilla NM 88046

PROJECT NO.
450-01

SHEET TITLE
SEWER AND VENT PLUMBING PLAN

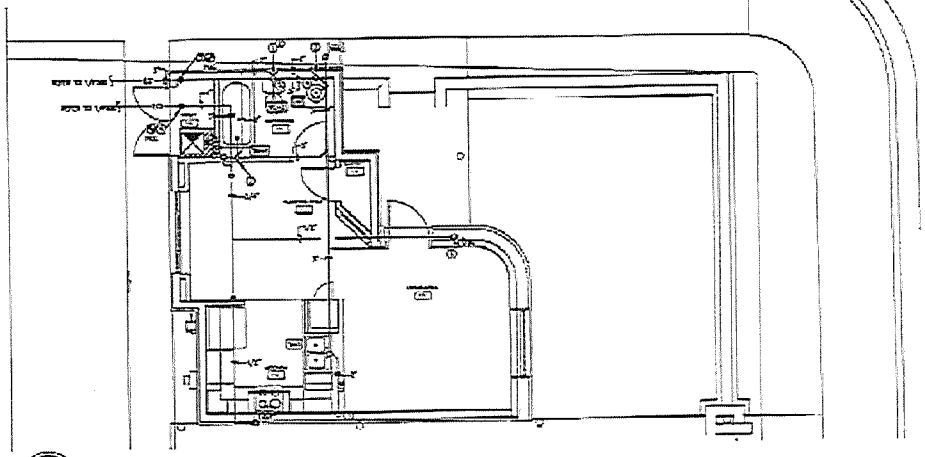
SHEET NO.
P300

GENERAL NOTES

1. COORDINATE WITH ARCHITECT FOR EXACT REQUIREMENTS OF PHASE 2 BEFORE BIDING.

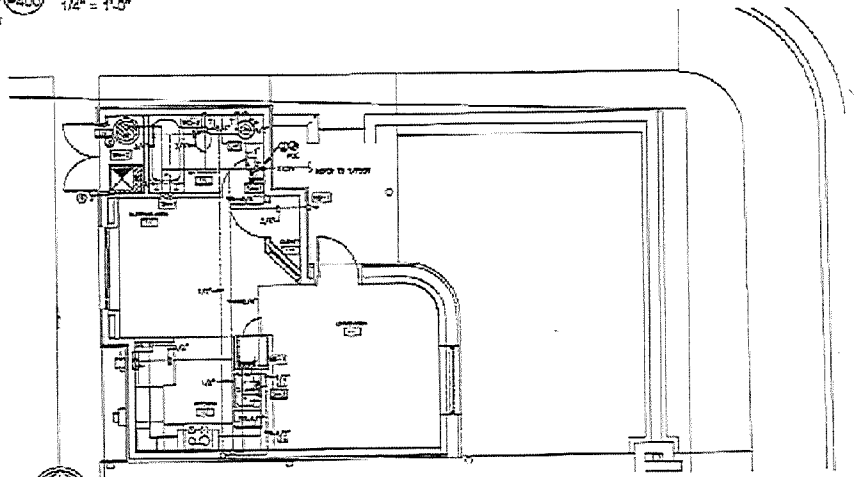
KEYED NOTES

1. 2"ø UP VENT UP THRU ROOF.
2. PROVIDE FULL SIZE WALL CLEANOUT.
3. POINT OF CONNECTION – PLUMBING CONTRACTOR TO CONNECT NEW LOW PRESSURE GAS LINE TO EXISTING GAS LINE. FIELD VERIFY EXACT LOCATION OF EXISTING GAS MAIN LINE PRIOR TO COMMENCING ROUGH IN WORK.
4. POINT OF CONNECTION – PLUMBING CONTRACTOR TO CONNECT NEW WASTE LINE TO EXISTING SEWER MAIN LINE. FIELD VERIFY EXACT LOCATION OF EXISTING SEWER MAIN LINE PRIOR TO COMMENCING ROUGH IN WORK.
5. PLUMBING WALL MAY BE REQUIRED. COORDINATE WITH ARCHITECT FOR EXACT REQUIREMENTS.
6. GAS STUB OUT FOR FUTURE PROPANE. COORDINATE WITH ARCHITECT FOR EXACT LOCATION.
7. POINT OF CONNECTION – PLUMBING CONTRACTOR TO CONNECT NEW 1" WATER LINE TO EXISTING WATER MAIN LINE. FIELD VERIFY EXACT LOCATION OF EXISTING SERVICE WATER MAIN LINE PRIOR TO COMMENCING ROUGH IN WORK.
8. EXTEND AND DISCHARGE FULL SIZE DRAIN TO LANDSCAPE, APPROXIMATELY. WITH ARCHITECT FOR EXACT LOCATION.
9. EXTEND AND DISCHARGE FULL SIZE CONDENSATE DRAIN LINE DOWN TO LANDSCAPE 6" ABOVE FLOOR.



P1 / P400 PHASE II SEWER AND VENT PLUMBING PLAN
1/4" = 1'-0"

PROJECT NORTH



P2 / P400 PHASE II DOMESTIC WATER PLUMBING PLAN
1/4" = 1'-0"

PROJECT NORTH

PHASE II PLUMBING FIXTURE SCHEDULE

MARK	DESCRIPTION	MANUFACTURER AND MODEL NUMBER DRAWING EQUAL	ROUGH-IN REQUIREMENTS				ACCESSORIES
			DRAIN	VENT	COLD	HOT	
WC-2	WATER CLOSET FLOOR MOUNTED BOTTOM OUTLET WITH FLUSH VALVE	KOHLER K-14759-0	3"	2-1/2"	3/8"	-	BOWL, ELONGATED, ADA COMPLIANT, VITREOUS CHINA, ANTIMICROBIAL FINISH. SEAT: KOHLER MODEL K-7006-0 WHITE, OPEN FRONT TOILET SEAT WITH LID. MOUNTING: MANUAL 3 SCRW.
LV-1	LAVATORY WALL DRAIN W/ VITREOUS CHINA MANUAL FAUCET	KOHLER K-2239-1-0	2"	1-1/2"	1/2"	1/2"	FIXTURE: ADA COMPLIANT, MANUAL, RECESSANT, REINFORCED METAL CRD STRAINER, P-TRAP, P STOP WITH FLEXIBLE SUPPLIES, ADA TRAP, STOP & SUPPLY PROTECTORS. MATERIAL: VITREOUS CHINA, WHITE. FAUCET: HOLES: 3 HOLE INSTALLATION. FAUCET: MODEL K-8193-CP-CP, MANUAL.
SK-1	KITCHEN SINK DROP-IN	KOHLER K-5767-3-NA	2"	1-1/2"	1/2"	1/2"	FIXTURE: 33" W x 22" L x 9" D WITH 18 GAUGE STAINLESS STEEL. STRAINER: K-8801-CP, #3201 STOPPER, KITCHENKING, SINK & PROCESSOR. WASTE LINES SHALL BE NON-COMPOSITE (PVC). FAUCET: K-15175-CP, MANUAL.
SH-1	SHOWER/HOT BATHTUB	KOHLER K-1594-GLAD	2"	1-1/2"	1/2"	1/2"	FIXTURE: 30"W x 60"L ACRYLIC. WASTE LINES SHALL BE NON-COMPOSITE (PVC). SHOWER HEAD: 1.75 GPM, AS-CP
RS-1	REFRIGERATOR BOX	BALTIMORE AIR COIL	2"	2"	1/2"	1/2"	INTEGRAL SERVICE STOPS
HB-1	HOSE BIBB WALL MOUNTED	CLARK 1-7388	-	-	3/4"	-	CLARK #0384-NR EXPOSED NON-FREEZE WALL HYDRANT, WITH OPTIONAL ANTI-SIPHON VACUUM BREAKER. HAND OPERATION REQUIRED FOR USE.
WH-1	WATER HEATER ELECTRIC WITH LOCKOUT TRAP	BRADFORD WHITE MA40S3	-	-	3/4"	3/4"	ELEMENTS: NEW, TRIPLE, 10 MILLIAMPS OF OPERATION. 85 GPH RECOVERY RATE AT 80°F RISE.
CCO	CHARGE CLEANOUT	CLARK 10-2402-HD	2"/10-4"	-	-	-	
WCO	WALL CLEANOUT	CLARK 10-2406	2"/10-4"	-	-	-	
SAS	SHOCK ABSORBER	CLARK 10-2700	-	-	UNSIZED	-	CLARK ACCUTUBE, PLEASE MECHANICAL WATER HAMMER ARRESTER SIZED AND LOCATED PER THE MANUFACTURER SPECIFICATIONS.
MBV-1	MIXING VALVE	WATTS LF480	-	-	3/4"	3/4"	WHAMS MODEL WATTS VALIGN-SARS THERMOSTATIC MIXING VALVE, WITH FRONT TO FRONT AND INTERNAL MOUNTING HOLES.
WB-2	HOSE BIBB	STRONGBOX W-BOX-E	3"	2"	1/2"	1/2"	INTEGRAL SERVICE STOPS

BLACK RAT TATTOO
1001 Calle Do Correo,
Mesilla NM 88045

MARK	DESCRIPTION	DATE

DESIGN FIRM ARCHITECTS P.A.
1414 COUTHS NW STREET
SUITE 2 (PATIO)
ALBUQUERQUE, NEW MEXICO 87104
P: 505.243.4622

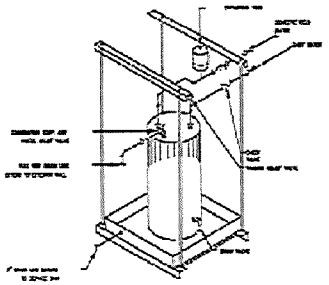
PROJECT NO.
ASC-07

SHEET TITLE
SEWER AND VENT PLUMBING PLAN

SHEET NO.
P400

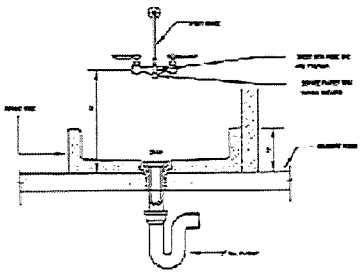
07.04.19

RAXIS
15-076



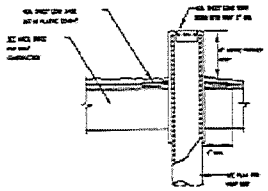
1 P500 ELECTRIC WATER HEATER DETAIL

NOT TO SCALE



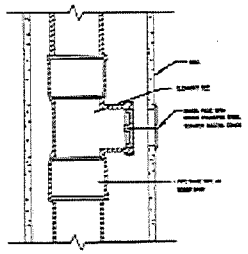
2 P500 MOP SINK DETAIL

NOT TO SCALE



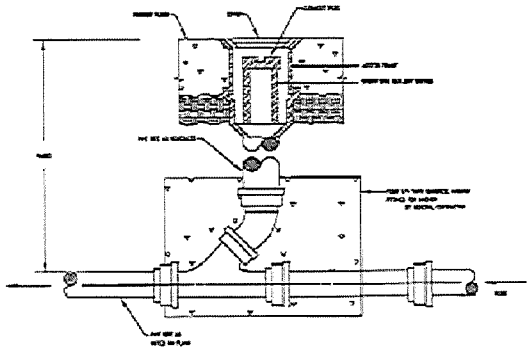
3 P500 VENT THRU ROOF

NOT TO SCALE



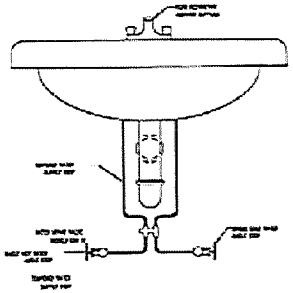
4 P500 WALL CLEANOUT DETAIL

NOT TO SCALE



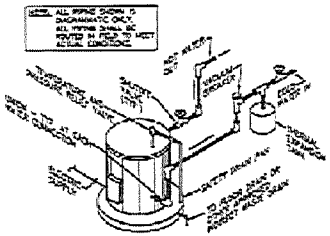
5 P500 FLOOR CLEANOUT DETAILS

NOT TO SCALE



6 P500 MIXING VALVE DETAIL

NOT TO SCALE



7 P500 LOWBOY ELECTRIC WATER HEATER DETAIL

NOT TO SCALE

BLACK RAT TATTOO

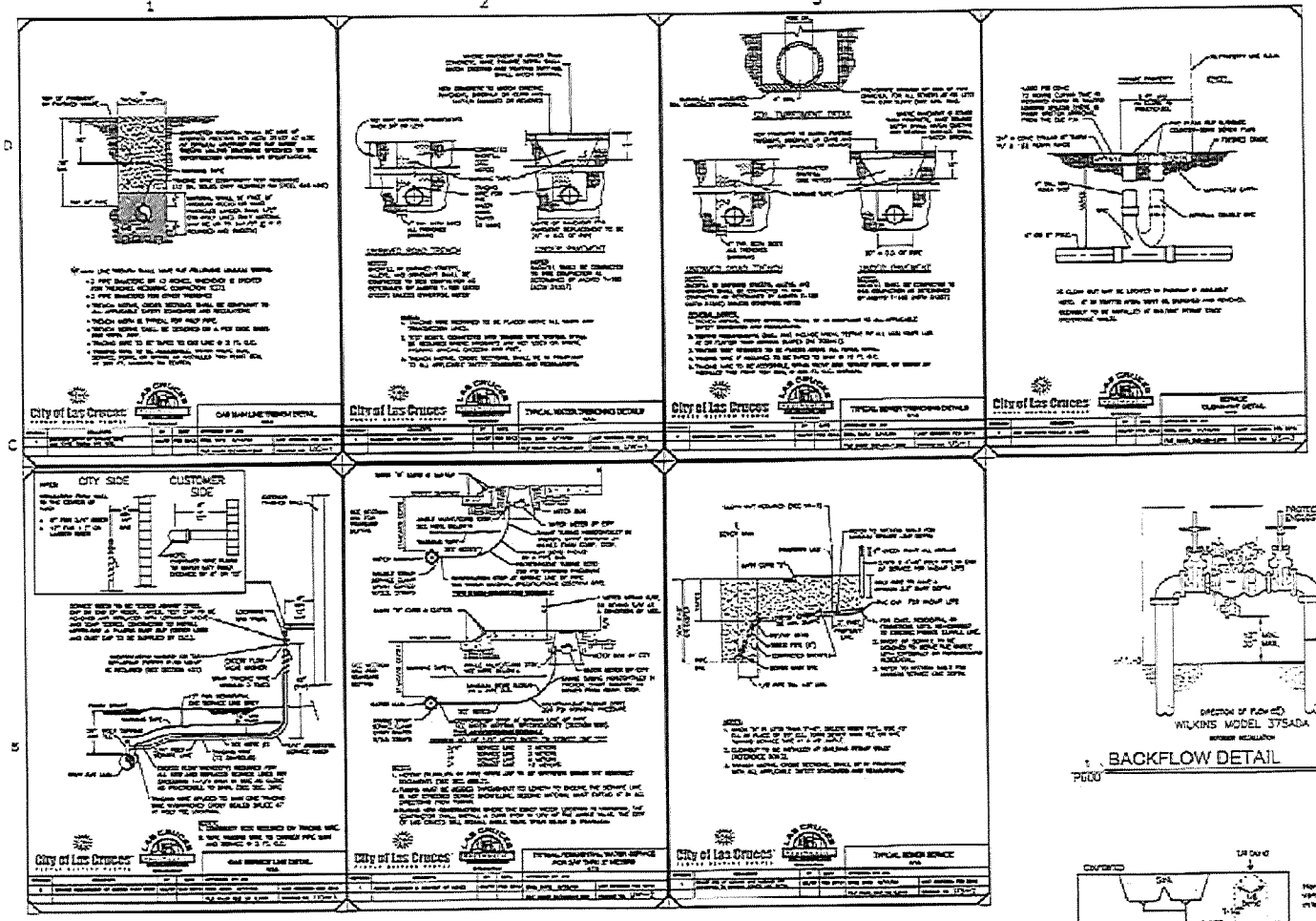
1001 Calle Op Correo,
Mesila NM 88040

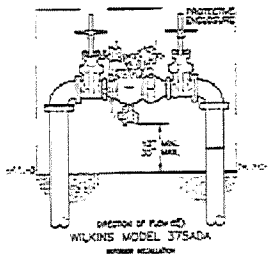
PROJECT NO.
400-01

SHEET TITLE
PLUMBING DETAILS

SHEET NO.
P500

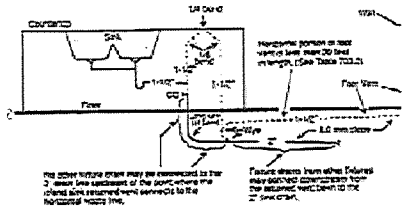
RAXIS





1 - BACKFLOW DETAIL

P600 NOT TO SCALE



2 - ISLAND VENTING

P600 NOT TO SCALE

BLACK RAT TATTOO

1601 Calle De Correo,
Mesilla NM 88046

PROJECT NO.
480-01

PLUMBING DETAILS

SHEET NO.
P600

RAXIS

BOARD ACTION FORM

AGENDA DATE
PZHAC: September 6, 2022 **BOT:** September 26, 2022

ITEM: BL #1015 – 1745 Avenida de Mesilla submitted by Saul D Burciaga-Molinar of Las Cruces Primary Care for a business license.

BACKGROUND AND ANALYSIS: The applicant proposes opening a Medical Practice Office in Mesilla.
This application and all supporting documents were reviewed and approved by Architectural Styles Committee and PZHAC.
It is determined that the proposed business registration application is acceptable and meets all applicable Town codes, the application should continue based on finding stated below.

MUNICIPAL TOWN CODE:
This application falls under the ordinance MTC Chapter(s) 3.05 and 5.05

SUPPORTING INFORMATION:

- Application

PZHAC ACTION:
Applicant has met all request asked by the PZHAC to move this application forward. The vote of the PZHAC was 5-0

BOT OPTIONS:
The Board of Trustees may:

1. Recommend approval of this case with findings stated above.
2. Recommend approval of this case with findings stated above and conditions.
3. Deny the application.

RECEIVED 8-9-22

No.: 1015

2231 Avenida de Mesilla
P.O. Box 10
Mesilla, NM 88046
Phone: (575) 524-3262 Fax: (575) 541-6327

Business Registration Application

Please fill out all the information on this form by typing or using blue or black ink. Return update form to the Community Development's Office in person, by email, fax or mail. Please contact us at (575) 524-3262 with any questions. **Note**: A separate business registration application form should be completed for each business location.

Please check one: Business Registration Application Is: New X Renewal _____

Name of Business: Las Cruces Primary Care

Name of Applicant: Saul D. Burciaga-Molinar MD

Business Location: 1745 Avenida de Mercado, Las Cruces NM 88005

Mailing Address (Street # or P.O. Box): 3570 Cloister Ct, Las Cruces NM 88005

E-Mail Adress: drb@lcprimary.net

City: Las Cruces State: NM Zip Code: 88005

Phone # of Business: (575)652-3563

Location of Business: Street 1745 Avenida de Mercado

City: Las Cruces State: NM Zip Code: 88005

PROPERTY INFORMATION

Is property: owned X leased _____

Property Owner: Saul D. Burciaga-Molinar

Property Owner Address: 3570 Cloister Ct
Las Cruces NM
88005

Property Owner Phone #: (575) 680-5745

Additional Information

Square Footage of Business: _____
Number of Employees: 6
Number of Parking Spaces: _____
Zoning Code: _____

Continue to next page>>>>

State or Federal Licensing Information:
If your business requires one of the following Licenses/Permits, you **MUST** submit a copy with your application.

- ☐ NM Environment Department Food Permit
- ☐ Federal Environmental Protection Agency Permit(s)
- ☐ NM Contractor's License
- ☐ NM Medical/Pharmaceutical License(s)
- ☐ NM Cosmetology/ Barbers License
- ☐ NM Real Estate/Broker License
- ☐ Well Drillers
- ☐ NM Veterinary Medicine
- ☐ Federal Firearms License
- ☐ Any other License(s)

MD2010-0225
License #

7/1/2024
Expiration Date

Type of business (Please describe product(s) and/or service(s) IF they have changed):
Family Practice Medical office.

Business Owner Is: Sole Proprietorship ____ Partnership ____ Corporation X Other ____

You **MUST** submit a copy of your New Mexico BTIN with your application.
Current New Mexico BTIN #: ____
(The location code for reporting earnings received in the Town of Mesilla is **07-303.**)

EMERGENCY CONTACT INFORMATION

Responsible party to be called in case of emergency. Enter name in order of contact (please print):

24 HOUR EMERGENCY PHONE #: ____

Name	Telephone #
1.	
2.	
3.	

Do you have an alarm system? Yes____ No ____
What Type? ____
Which Company, if any, Responds to Alarms? ____

By signing this form, I attest that the information I have provided herein is true and accurate to the best of my knowledge. I certify that I am authorized to sign the same as an agent on behalf of the above stated business. I agree to pay all associated fees including: the annual business registration fee and other permit fees as required by the Town of Mesilla. I understand that I must file any changes to my business status, operations, and/or contact information with the Community Development office in a timely manner.

Dr. Saul D. Burciaga-Molinar MD
Printed Name:

08/08/2022
Date:

Signature:

Owner
Title:

Fire Department Inspection Verification

Schedule fire and building inspections AFTER Town staff provides approved application back to you in the following order: 1) Mesilla Fire Marshall's Office (FMO) 575-523-1311. Please retain the Yellow Fire Inspection Report issued by FMO.

A legible copy of the YELLOW Fire Inspection Report issued by FMO, must be returned by the applicant to the Community Development office.

Fire Department Representative Verification: _____
Fire Inspection Date: _____
Approved: Yes _____**No**_____

Gmail

Mesilla Utilities <utilities@mesillanm.gov>

Business Registration Application

1 message

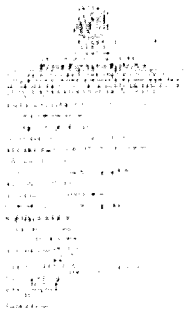
Sonya Marquez <smarquez@lcprimary.net>
To: utilities@mesillanm.gov

Mon, Aug 8, 2022 at 3:18 PM

Sonya Marquez
Las Cruces Primary Care LLC
1180 Mall Drive Ste. B
Las Cruces, NM 88011
Phone Number: (575) 652-3563
Fax Number: (575) 993-5015

3 attachments

Business Registration Application _002.jpg
271K



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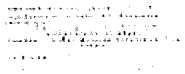


Business Registration Application _001.jpg
579K

BOARD ACTION FORM

AGENDA DATE
PZHAC: September 6, 2022 **BOT:** September 26, 2022

ITEM: BL #1017 – 1745 Avenida de Mesilla submitted by Danna Lara of Healthy Start Pediatrics for a business license.

BACKGROUND AND ANALYSIS: The applicant proposes opening a Pediatric Medical Practice Office in Mesilla.
This application and all supporting documents were reviewed and approved by Architectural Styles Committee and PZHAC.
It is determined that the proposed business registration application is acceptable and meets all applicable Town codes, the application should continue based on finding stated below.

MUNICIPAL TOWN CODE:
This application falls under the ordinance MTC Chapter(s) 3.05 and 5.05

SUPPORTING INFORMATION:

- Application
- New Mexico Business Tax Identification Number

PZHAC ACTION:
Applicant has met all request asked by the PZHAC to move this application forward. The vote of the PZHAC was 5-0

BOT OPTIONS:
The Board of Trustees may:

1. Recommend approval of this case with findings stated above.
2. Recommend approval of this case with findings stated above and conditions.
3. Deny the application.

RECEIVED 8-15-22

No.: 1017

2231 Avenida de Mesilla
P.O. Box 10
Mesilla, NM 88046
Phone: (575) 524-3262 Fax: (575) 541-6327

Business Registration Application

Please fill out all the information on this form by typing or using blue or black ink. Return update form to the Community Development's Office in person, by email, fax or mail. Please contact us at (575) 524-3262 with any questions. **Note**: A separate business registration application form should be completed for each business location.

Please check one: Business Registration Application Is: New ✓ Renewal ____

Name of Business: Healthy Start Pediatrics LLC

Name of Applicant: Danna Lara

Business Location: 1745 Avenida de Mercado Las Cruces, NM 88005

Mailing Address (Street # or P.O. Box): 1745 Avenida de Mercado Las Cruces, NM 88005

E-Mail Adress: dannalarapnp@gmail.com

City: Las Cruces State: NM Zip Code: 88005

Phone # of Business: 940-594-6415

Location of Business: Street 1745 Avenida de Mercado

City: Las Cruces State: NM Zip Code: 88005

PROPERTY INFORMATION

Is property: owned ____ leased ✓

Property Owner: ~~Sta~~ DL Las Cruces Primary Care

Property Owner Address: 1745 ~~Ach~~ DL Avenida de Mercado Las Cruces, NM 88005

Property Owner Phone #: (575) 652-3563

Additional Information

Square Footage of Business: 1126.75 sqft

Number of Employees: 3

Number of Parking Spaces: 10

Zoning Code: Commercial

Continue to next page>>>>

Fire Department Inspection Verification

Schedule fire and building inspections AFTER Town staff provides approved application back to you in the following order: 1) Mesilla Fire Marshall's Office (FMO) 575-523-1311. Please retain the Yellow Fire Inspection Report issued by FMO.

A legible copy of the YELLOW Fire Inspection Report issued by FMO, must be returned by the applicant to the Community Development office.

Fire Department Representative Verification: Pending Final inspection
Fire Inspection Date: To be determined
Approved: Yes _____ **No** _____ Pending inspection

TAXATION & REVENUE
NEW MEXICO

Audit & Compliance Division
Albuquerque District

Michelle Lujan Grisham
Governor

Stephanie Schardin Clarke
Cabinet Secretary

DANNA LARA
HEALTHY START PEDIATRICS LLC
1745 AVENIDA DE MERCADO
LAS CRUCES, NM 88005-4057

August 15, 2022
NM Business Tax ID:
03-596467-00-7
Letter ID: L0055316592

STATE OF NEW MEXICO TAXATION AND REVENUE DEPARTMENT

REGISTRATION CERTIFICATE

Date ID Issued	IDENTIFICATION NUMBER	Business Start Date
01-Sep-2022	03596467007-GRT	01-Sep-2022
Business Location: 1745 AVENIDA DE MERCADO		Business End Date
City and State: LAS CRUCES, NM		Zip Code: 88005-4057
Taxpayer Name: HEALTHY START PEDIATRICS LLC		Taxpayer Type: LLC
Firm Name: HEALTHY START PEDIATRICS LLC		Filing Frequency: Monthly
Mailing Address: 1745 AVENIDA DE MERCADO		
City and State: LAS CRUCES, NM		Zip Code: 88005-4057

Form Revised 02/2003

This Registration Certificate is issued pursuant to Section 7-1-12 NMSA 1978 for Gross Receipts, County Gross Receipts, and Municipal Gross Receipts Taxes. This copy must be displayed conspicuously in the place of business. Any purchaser of the registrants business is subject to certain requirements under Section 7-1-61 NMSA 1978.

Cabinet Secretary

By _____

Any inquiries concerning your Identification Number should be addressed to the Audit & Compliance Division, P.O. Box 630, Santa Fe, New Mexico 87504-0630

THIS CERTIFICATE IS NOT TRANSFERABLE

STATE OF NEW MEXICO TAXATION AND REVENUE DEPARTMENT

REGISTRATION CERTIFICATE

Date ID Issued	IDENTIFICATION NUMBER	Business Start Date
01-Sep-2022	03596467007-GRT	01-Sep-2022
Business Location: 1745 AVENIDA DE MERCADO		Business End Date
City and State: LAS CRUCES, NM		Zip Code: 88005-4057
Taxpayer Name: HEALTHY START PEDIATRICS LLC		Taxpayer Type: LLC
Firm Name: HEALTHY START PEDIATRICS LLC		Filing Frequency: Monthly
Mailing Address: 1745 AVENIDA DE MERCADO		
City and State: LAS CRUCES, NM		Zip Code: 88005-4057

Form Revised 02/2003

This Registration Certificate is issued pursuant to Section 7-1-12 NMSA 1978 for Gross Receipts, County Gross Receipts, and Municipal Gross Receipts Taxes. This copy must be displayed conspicuously in the place of business. Any purchaser of the registrants business is subject to certain requirements under Section 7-1-61 NMSA 1978.

Cabinet Secretary

By _____

Any inquiries concerning your Identification Number should be addressed to the Audit & Compliance Division, P.O. Box 630, Santa Fe, New Mexico 87504-0630

THIS CERTIFICATE IS NOT TRANSFERABLE

mL04 v40

BOARD ACTION FORM

AGENDA DATE
PZHAC: September 6, 2022 **BOT:** September 26, 2022

ITEM: PZHAC Case #061440 –2242 Calle de Sur submitted by Henry Lucero to put up field fence on property, **Zoned: Historical Residential (HR).**

BACKGROUND AND ANALYSIS: Proposed work involves adding gaucho fence on property as per site plan.
This application and all supporting documents were reviewed and approved by Architectural Styles Committee and PZHAC.
It is determined that the proposed application is acceptable and meets all applicable Town codes, the application should continue based on finding stated below.

MUNICIPAL TOWN CODE:
This application falls under the ordinance MTC Chapter(s) 18.33.100, 18.35.060, 18.60.340

SUPPORTING INFORMATION:
- Application
- Site Plan & Design
- Materials to be used

PZHAC ACTION:
Applicant has met all request asked by the PZHAC to move this application forward. The vote of the PZHAC was 3-0

BOT OPTIONS:
The Board of Trustees may:
1. Recommend approval of this case with findings stated above.
2. Recommend approval of this case with findings stated above and conditions.
3. Deny the application.

TOWN OF MESILLA

APPLICATION FOR BUILDING PERMIT

Permit Fee $ 58.00
Review Fee $ 10.00
Total Fee $ 68.00

2231 Avenida de Mesilla, P.O. Box 10, Mesilla, NM 88046 (575) 524-3262 ext. 104

RECEIVED

CASE NO. 061440 ZONE: HR CODE: AC APPLICATION DATE: 8-15-22

Henry R. Lucero — Name of Property Owner
626-483-1821 — Property Owner's Telephone Number
70 N Main St — Mesa — AZ — 85543
Property Owner's Mailing Address — City — State — Zip Code
hankj2lucero@yahoo.com — Property Owner's E-mail Address
Self — Contractor's Name & Address (If none, Indicate Self)

Contractor's Telephone Number — Contractor's Tax ID Number — Contractor's License Number

Address of Proposed Work: 2242 Calle del Sur Mesilla 88046

Description of Proposed Work: ~~tree~~ fencing Gaucho High Tensile Field Fence

THIS APPLICATION SHALL INCLUDE ALL OF THE FOLLOWING **Plan sheets are to be no larger than 11 x 17 inches or shall be submitted electronically.**

1. ___ Plot plan with legal description to show existing structures, adjoining streets, driveway(s), improvements & setbacks. Verification shall show that the lot was **LEGALLY** subdivided through the Town of Mesilla or that the lot has been in existence prior to February 1972.
2. ✓ Site Plan with dimensions and details.
3. ___ Foundation plan with details.
4. ___ Floor plan showing rooms, their uses, and dimensions.
5. ___ Cross section of walls.
6. ___ Roof and floor framing plan.
7. ___ Proof of legal access to the property.
8. ___ Drainage plan.
9. ___ Details of architectural style and color scheme (checklist included for Historical zones) – diagrams and elevations.
10. ___ Proof of sewer service or a copy of septic tank permit; proof of water service (well permit or statement from the Public Utility providing water services).
11. ___ Proof of legal access to the property.
12. ___ Other information as necessary or required by the Town Code or Community Development Department.

$1,000.00 — Estimated Cost
Henry R Lucero / Julie Lucero — Signature of Applicant
8-10-2022 — Date

Application Fee is due at time of submittal. Apart from administrative approvals, all permit requests must undergo a review process from staff, PZHAC and/or BOT before issuance of a building permit. All Building permits expire after one year from date issued.

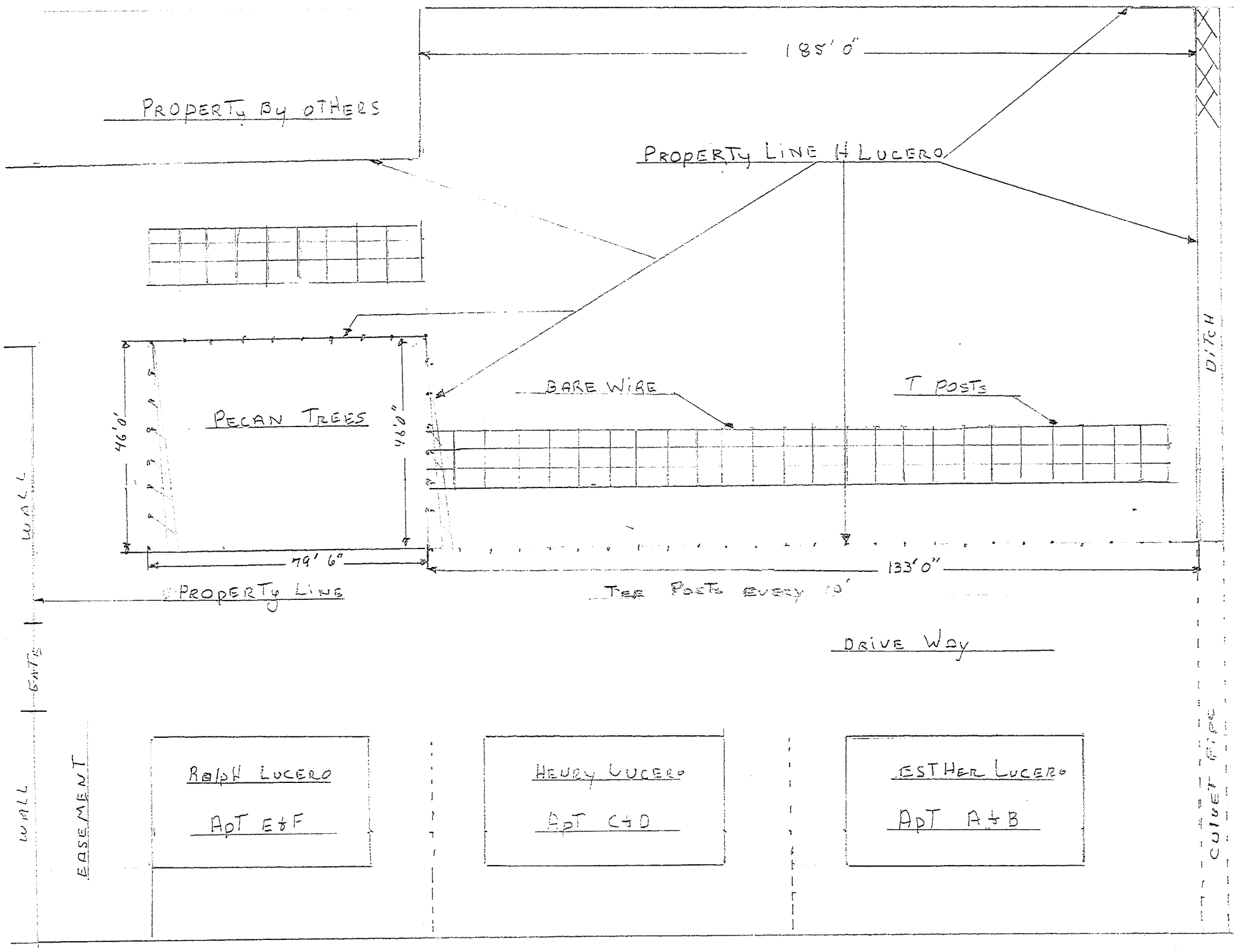
FOR OFFICIAL USE ONLY

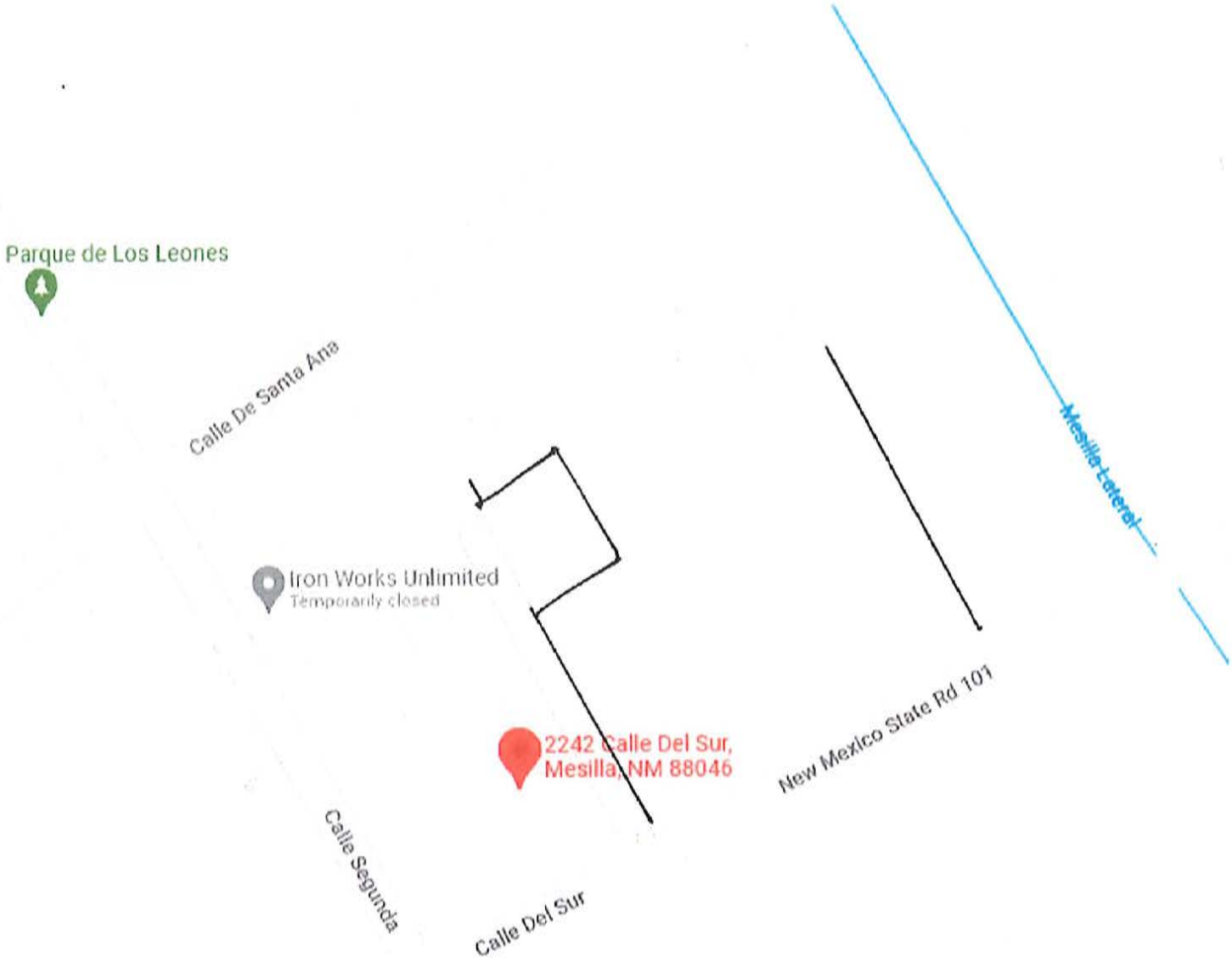
PZHAC ☐ Administrative Approval
☐ Approved Date: _____
☐ Disapproved Date: _____
☐ Approved with conditions

BOT ☐ Approved Date: _____
☐ Disapproved Date: _____
☐ Approved with Conditions

PZHAC APPROVAL REQUIRED: ✓ YES ___ NO
BOT APPROVAL REQUIRED: ✓ YES ___ NO
CID PERMIT/INSPECTION REQUIRED: ___ YES ✓ NO ___ SEE CONDITIONS
CONDITIONS: _____

PERMISSION ISSUED / DENIED BY: _____ ISSUE DATE: _____


185' 0"
PROPERTY BY OTHERS
PROPERTY LINE H LUCERO
DITCH
BARE WIRE
T POSTS
PECAN TREES
46' 0"
46' 0"
79' 6"
133' 0"
PROPERTY LINE
TEE POSTS EVERY 10'
DRIVE WAY
WALL
GATE
WALL
EASEMENT
RALPH LUCERO
APT E & F
HENRY LUCERO
APT C & D
ESTHER LUCERO
APT A & B
CULVERT PIPE


Parque de Los Leones
Calle De Santa Ana
Iron Works Unlimited
Temporarily closed
2242 Calle Del Sur,
Mesilla, NM 88046
Calle Segunda
Calle Del Sur
New Mexico State Rd 101
Mesilla Lateral


Parque de Los Leones
Calle Segunda
Calle De Santa Ana
Iron Works Unlimited
Temporarily closed
2242 Calle Del Sur,
Mesilla, NM 88046
Calle Segunda
Calle Del Sur
New Mexico State Rd 101
Mesilla Lateral

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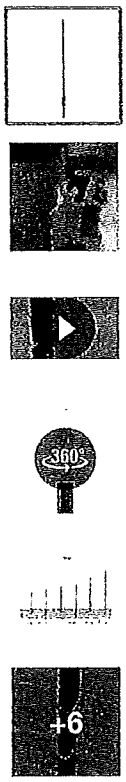
Best Seller

Everbilt

1-3/4 in. x 3-1/2 in. x 6 ft. Green Steel Fence T-Post

★★★★½ (648) Questions & Answers (62)



Hover Image to Zoom

MALT. TO BE USED AS T POST
APP $4.00 EA.
TOTAL COST $315.0

BULK PRICE AVAILABLE $6.97 Buy 75 or more $6.27

Las Cruces Store

✓ 849 in stock Aisle 24, Bay 006 Text to Me

Bekaert ▸ Gaucho High Tensile Field Fence, 118155

4.5 (764) SKU: 360687199 Reviews Questions & Answers Product Details Specifications

Click on image for larger fullscreen view.

$239.99

No Interest if Paid In Full Within 6 Months Learn More

As a Neighbor, you are eligible to earn 1 point per dollar on this purchase. Join Now

Free standard delivery to your local TSC store. Some exclusions apply..... Learn More

Bulk Discount buy 10 get 5% off each. Learn More

Ship To Store

Thatcher AZ Change Store

Oversize Items Shipped to Store may incur freight charge.

Check availability at nearby stores

Standard Delivery

Notice: This item will ship within 2 days.

This product may require up to 2 additional days for order processing prior to shipping.

Oversize Delivery - Additional fees may apply.

Same Day Delivery

Item is currently not available for Same Day Delivery.

Check other delivery options.

– 1 + Add to Cart

Contactless Curbside / Pickup and Delivery Information

Add to list

BOARD ACTION FORM

AGENDA DATE
PZHAC: September 19, 2022 **BOT:** September 26, 2022

ITEM: **BL #1027** – submitted by Dina Marre Ramirez of SW Mesilla Dam Trl 5 Mile for a home cleaning business license.

BACKGROUND AND ANALYSIS: The applicant proposes to do house cleaning in Mesilla.
This application and all supporting documents were reviewed and approved by Architectural Styles Committee and PZHAC.
It is determined that the proposed business registration application is acceptable and meets all applicable Town codes, the application should continue based on finding stated below.

MUNICIPAL TOWN CODE:
This application falls under the ordinance MTC Chapter(s) 3.05 and 5.05

SUPPORTING INFORMATION:

- Application
- New Mexico Business Tax Identification Number

PZHAC ACTION:
Applicant has met all request asked by the PZHAC to move this application forward. The vote of the PZHAC was 5-0

BOT OPTIONS:
The Board of Trustees may:

1. Recommend approval of this case with findings stated above.
2. Recommend approval of this case with findings stated above and conditions.
3. Deny the application.

2231 Avenida de Mesilla
P.O. Box 10
Mesilla, NM 88046
Phone: (575) 524-3262 Fax: (575) 541-6327

No.: 1027

Business Registration Application

Please fill out all the information on this form by typing or using blue or black ink. Return update form to the Community Development's Office in person, by email, fax or mail. Please contact us at (575) 524-3262 with any questions. **Note**: A separate business registration application form should be completed for each business location.

Please check one: Business Registration Application Is: New X Renewal ____

Name of Business: LORENZO - DIMARI

Name of Applicant: DINA - MARRE (MARRE)

Business Location: SW MESILLA DAM TRL 5 MILE Los Cruces NM

Mailing Address (Street # or P.O. Box): MESILLA PARK · P.O BOX 222 88047

E-Mail Adress: DINAMARRE1@Cloud.com

City: Los Cruces State: NM Zip Code: 88047

Phone # of Business: 5754495223

Location of Business: Street SW MESILLA DAM TRL - 5 MILE (4217 County Rd. LCNM 88005

City: Los Cruces State: NM Zip Code: 88005

PROPERTY INFORMATION

Is property: owned ____ leased X

Property Owner: ____

Property Owner Address: SW MESILLA DAM TRL 5 MILE Los Cruces NM

Property Owner Phone #: 575-449 5223

Additional Information

Square Footage of Business: ____
Number of Employees: ____
Number of Parking Spaces: ____
Zoning Code: ____

Continue to next page>>>>

Fire Department Inspection Verification

Schedule fire and building inspections AFTER Town staff provides approved application back to you in the following order: 1) Mesilla Fire Marshall's Office (FMO) 575-523-1311. Please retain the Yellow Fire Inspection Report issued by FMO.

A legible copy of the YELLOW Fire Inspection Report issued by FMO, must be returned by the applicant to the Community Development office.

Fire Department Representative Verification: _____

Fire Inspection Date: _____

Approved: Yes _____ **No**_____

TAXATION & REVENUE
NEW MEXICO

Audit & Compliance Division
Albuquerque District

Michelle Lujan Grisham
Governor

Stephanie Schardin Clarke
Cabinet Secretary

LORENZO-DIMARI
PO BOX 222
MESILLA PARK, NM 88047-0222

August 4, 2022
NM Business Tax ID:
03-595343-00-8
Letter ID: L0830824560

STATE OF NEW MEXICO TAXATION AND REVENUE DEPARTMENT

REGISTRATION CERTIFICATE

Date ID Issued	IDENTIFICATION NUMBER	Business Start Date
06-Aug-2022	**03595343008-GRT**	**06-Aug-2022**
Business Location **SW MESILLA DAM TRL 5 MILE**		Business End Date
City and State **LAS CRUCES, NM**		Zip Code **88005-0000**
Taxpayer Name **DINA E MARRE RAMIREZ**		Taxpayer Type **PROPRIETOR**
Firm Name **LORENZO-DIMARI**		Filing Frequency **Semiannual**
Mailing Address **PO BOX 222**		
City and State **MESILLA PARK, NM**		Zip Code **88047-0222**

Form Revised 02/2003

This Registration Certificate is issued pursuant to Section 7-1-12 NMSA 1978 for Gross Receipts, County Gross Receipts, and Municipal Gross Receipts Taxes. This copy must be displayed conspicuously in the place of business. Any purchaser of the registrants business is subject to certain requirements under Section 7-1-61 NMSA 1978.

Cabinet Secretary

By _____

Any inquiries concerning your Identification Number should be addressed to the Audit & Compliance Division, P.O. Box 630, Santa Fe, New Mexico 87504-0630

THIS CERTIFICATE IS NOT TRANSFERABLE

STATE OF NEW MEXICO TAXATION AND REVENUE DEPARTMENT

REGISTRATION CERTIFICATE

Date ID Issued	IDENTIFICATION NUMBER	Business Start Date
06-Aug-2022	**03595343008-GRT**	**06-Aug-2022**
Business Location **SW MESILLA DAM TRL 5 MILE**		Business End Date
City and State **LAS CRUCES, NM**		Zip Code **88005-0000**
Taxpayer Name **DINA E MARRE RAMIREZ**		Taxpayer Type **PROPRIETOR**
Firm Name **LORENZO-DIMARI**		Filing Frequency **Semiannual**
Mailing Address **PO BOX 222**		
City and State **MESILLA PARK, NM**		Zip Code **88047-0222**

Form Revised 02/2003

This Registration Certificate is issued pursuant to Section 7-1-12 NMSA 1978 for Gross Receipts, County Gross Receipts, and Municipal Gross Receipts Taxes. This copy must be displayed conspicuously in the place of business. Any purchaser of the registrants business is subject to certain requirements under Section 7-1-61 NMSA 1978.

Cabinet Secretary

By _____

Any inquiries concerning your Identification Number should be addressed to the Audit & Compliance Division, P.O. Box 630, Santa Fe, New Mexico 87504-0630

THIS CERTIFICATE IS NOT TRANSFERABLE

atL04 v40

BOARD ACTION FORM

AGENDA DATE
PZHAC: September 19, 2022 **BOT:** September 26, 2022

ITEM: **PZHAC Case #061454** –2128 Calle de los Huertos submitted by Helen Williamson Revocable Trust to relocate well water circuit, **Zoned: Historical Residential (HR).**

BACKGROUND AND ANALYSIS: Proposed work involves relocating water well circuit.
This application and all supporting documents were reviewed and approved by Architectural Styles Committee and PZHAC.
It is determined that the proposed application is acceptable and meets all applicable Town codes, the application should continue based on finding stated below.

MUNICIPAL TOWN CODE:
This application falls under the ordinance MTC Chapter(s) 18.35 and 18.35.060

SUPPORTING INFORMATION:

- Application
- Site Plan & Design
- Scope of work and price quote

PZHAC ACTION:
Applicant has met all request asked by the PZHAC to move this application forward. The vote of the PZHAC was 3-0

BOT OPTIONS:
The Board of Trustees may:

1. Recommend approval of this case with findings stated above.
2. Recommend approval of this case with findings stated above and conditions.
3. Deny the application.

TOWN OF MESILLA

APPLICATION FOR BUILDING PERMIT

Permit Fee $ 80.00
Review Fee $ 15.00
Total Fee $ 95.00

2231 Avenida de Mesilla, P.O. Box 10, Mesilla, NM 88046 (575) 524-3261 ext. 104

RECEIVED

CASE NO. 061454 ZONE: HR CODE: MF APPLICATION DATE: 9-6-22

Helen Williamson Revocable Living Trust — Name of Property Owner
575-202-1057 — Property Owner's Telephone Number

PO Box 613 — Property Owner's Mailing Address
Mesilla — City
NMex — State
88046 — Zip Code

PO Box 613 — Property Owner's E-mail Address
les.williamson@yahoo.com

Mesilla Park Services 6000 S. Main St. Ste. A Mesilla Park, NM 88047 — Contractor's Name & Address (If none, indicate Self)

(575) 915-5365 — Contractor's Telephone Number
873425000 — Contractor's Tax ID Number
406933 — Contractor's License Number

Address of Proposed Work: 2128 Calle de los Huertos

Description of Proposed Work: Re locate Water Well circuit from 2532 Calle Del Norte electric panel to a panel on 2128 Calle de los Huertos. Dig a 70' trench 20" deep, 12" wide to run conduit underground from the well house to the duplex on 2128 Calle de los Huertos.

THIS APPLICATION SHALL INCLUDE ALL OF THE FOLLOWING **Plan sheets are to be no larger than 11 x 17 inches or shall be submitted electronically.**

1. X Plot plan with legal description to show existing structures, adjoining streets, driveway(s), improvements & setbacks. Verification shall show that the lot was **LEGALLY** subdivided through the Town of Mesilla or that the lot has been in existence prior to February 1972.
2. ___ Site Plan with dimensions and details.
3. ___ Foundation plan with details.
4. ___ Floor plan showing rooms, their uses, and dimensions.
5. ___ Cross section of walls.
6. ___ Roof and floor framing plan.
7. ___ Proof of legal access to the property.
8. ___ Drainage plan.
9. ___ Details of architectural style and color scheme (checklist included for Historical zones) – diagrams and elevations.
10. ___ Proof of sewer service or a copy of septic tank permit; proof of water service (well permit or statement from the Public Utility providing water services).
11. ___ Proof of legal access to the property.
12. ___ Other information as necessary or required by the Town Code or Community Development Department.

$2,539 — Estimated Cost
Les Williamson — Signature of Applicant
9/2/22 — Date

Application Fee is due at time of submittal. Apart from administrative approvals, all permit requests must undergo a review process from staff, PZHAC and/or BOT before issuance of a building permit. All Building permits expire after one year from date issued.

FOR OFFICIAL USE ONLY

PZHAC ☐ Administrative Approval
☐ Approved Date: _____
☐ Disapproved Date: _____
☐ Approved with conditions

BOT ☐ Approved Date: _____
☐ Disapproved Date: _____
☐ Approved with Conditions

PZHAC APPROVAL REQUIRED: ✓ YES ___ NO BOT APPROVAL REQUIRED: ✓ YES ___ NO

CID PERMIT/INSPECTION REQUIRED: ___ YES ___ NO ___ SEE CONDITIONS

CONDITIONS: _____

PERMISSION ISSUED / DENIED BY: _____ ISSUE DATE: _____

Rev 05.27.22

Residential Optional Calculation

9/25/1997

2128 calle de Los Huertos., Les Williamson

Version 2011 L

by John [illegible]

Yellow Bird Services LLC
351 N 17th Street
Las Cruces NM 88005
575-523-8089

8/22/2022 16:57 # 380200

STEP 1 Article 220.82 (B) (1),(2)

sq. ft ▼	2367	General Lighting load	7,101 VA
	2	Small Appliance	3,000 VA
	1	Laundry circuit	1,500 VA
		Gen.Lgt, Sm App.& Laun. Load	11,601 VA

STEP 2 Article 220.82 (C) ☑

A/C Condenser & Fixed Electric Space Heating

					QTY
3 ton ▼	2,550 VA	AHU 1	Select ▼	VA	Qty ▼
A/C #2 ▼	VA	AHU 2	Select ▼	VA	Qty ▼
A/C #3 ▼	VA	AHU 3	Select ▼	VA	Qty ▼
A/C #4 ▼	VA	AHU 4	Select ▼	VA	Qty ▼
A/C #5 ▼	VA	AHU 5	Select ▼	VA	Qty ▼

General lighting, Sm. Appl. & Laundry	11,601 VA
Total	0
Heating Load	VA
CU Load	VA
Electric Space Heat @ 65% <4, 40% >3, vs. A/C @ 100%	VA
Appliance Demand Load	12,431 VA
Dryer Demand Load	5,000 VA
Range Demand Load	VA
Service Demand	17,613 VA
Demand Load	73 A
Neutral Demand	86 A
Min.Service Req.	100 A
Min. Feeder size	4
Min. Neutral size	3
Eq. Grding Cond.	8
☐	Copper
Total Appliance Load	12,431 VA

STEP 3 Article 220.82 (B) (3)

	4,500 VA ▼	1	Water Heater	4,500 VA
	1,600 VA ▼	1	Refrigerator	1,600 VA
	600 VA ▼	1	Freezer	600 VA
	1,100 VA ▼	1	Dishwasher	1,100 VA
	828 VA ▼	1	Disposal	828 VA
	540 VA ▼	1	R / Hood	540 VA
	1,630 VA ▼	1	Microwave	1,630 VA
☐	4,000 VA ▼		Microwave	VA
	170 VA ▼		Mini Refrig	VA
☐	400 VA ▼		Wine Clr	VA
☐	5,000 VA ▼		Insta Hot	VA
	1,500 VA ▼		Ironing Center	VA
☐	1/6 hp ▼		Jacuzzi Tub	506 VA
☐	select ▼		Sprinkler Pump	VA
☑	1/2 hp ▼		Well Pump	1,127 VA
	select ▼		Fountain Pump	VA
	select ▼		Elevator	VA
			Pool Equip. Panel	VA Apply Demand
☐			GATES	VA No Demand
☐			Other load	VA No Demand

STEP 4 Article 220.82 (B) (3)

Electric Clothes Dryers 5,000 VA

STEP 5 Article 220.82 (B) (3)

Electric Ranges 8,000 W Col C demand 8000

or Number of appliances 0

☑ Check Box for Gas Range

Cooktop	Col B demand
Cooktop	Col B demand
Oven(s)	Col B demand
Oven(s)	Col B demand

Number of appliances 0 Dem. Factor

Cooktop & Oven Demand Load

jmp1jds@comcast.net

>>

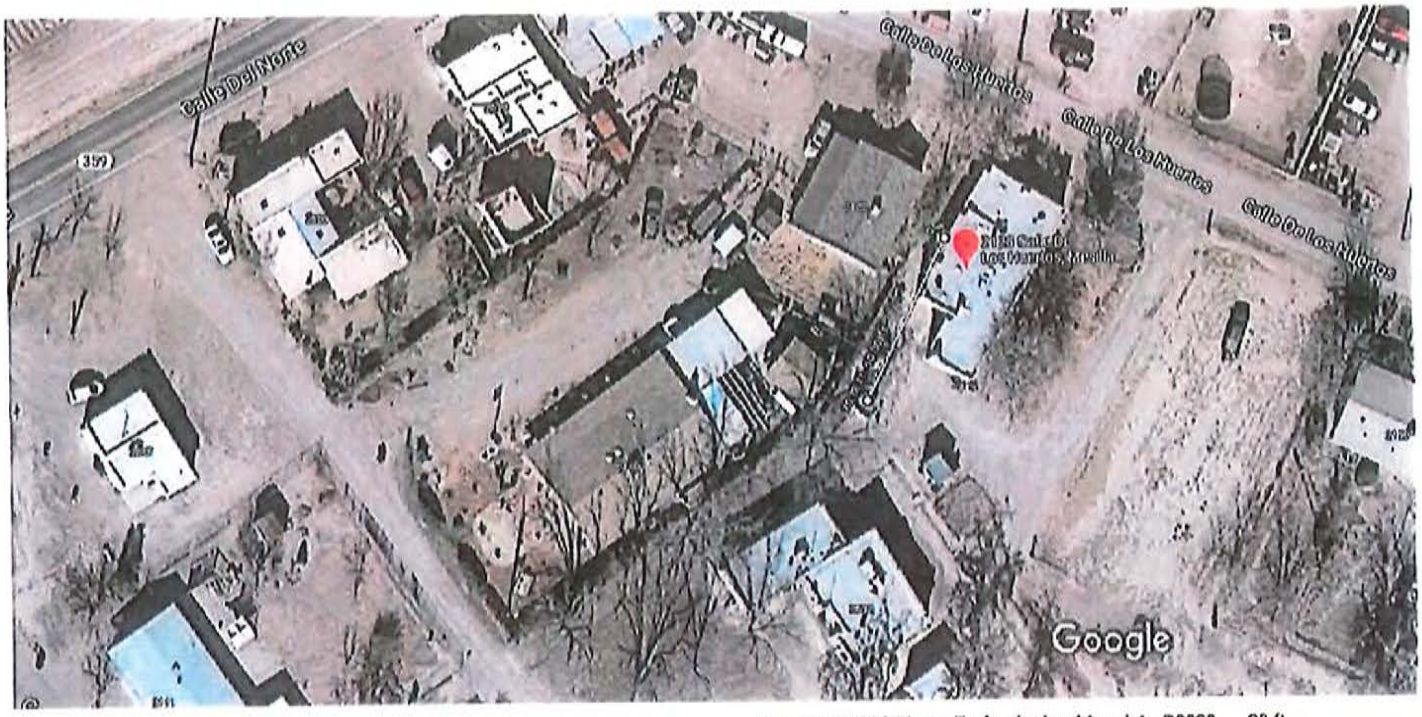
Pool Panel Feeder Calculation	(See Note)		A	B	N
Continuous Motors		0	0	0	0
Non-continuous		0	0	0	0
Spa heater 11 kVA	0	......	0	0	
Pool heater 3.5 ton		......	0	0	
Pool heater 5 ton		......	0	0	
Pool Light	select ▼	0	0	0	0
Blower	select ▼	0 ☐ 240v	0	0	0
other load		0 ☐ 240v	0	0	0
other load		0 ☐ 240v	0	0	0
☐ Min.Copper Pool Feeder		AWG	A	A	A
Minimum Panel Rating		A	Phase Amperes		Neut. load

Continuous Motors		Non-continuous Motors	
select ▼	☐ 240v	select ▼	☐ 240v
select ▼	☐ 240v	select ▼	☐ 240v
select ▼	☐ 240v	select ▼	☐ 240v
select ▼	☐ 240v	select ▼	☐ 240v
select ▼	☐ 240v	select ▼	☐ 240v

0.0 Motor Neutral Load

Max.Unbalanced Neutral Load

Google Maps 2128 Calle De Los Huertos



Imagery ©2022 Maxar Technologies, Map data ©2022 20 ft

2128 Calle De Los Huertos

Mesilla, NM 88046
Building

Directions Save Nearby Send to phone Share

Photos

Yellowbird Services

"TELL THEM A LITTLE BIRD SENT YOU"

Quotation

6000 Sounth Main
Mesilla Park, NM. 88047
1-575-523-8089

DATE July 26, 2022
Quotation # 10001
Customer ID Williamson

Quotation valid until: August 5, 2022

Prepared by: Matthew Salas

Bill To:

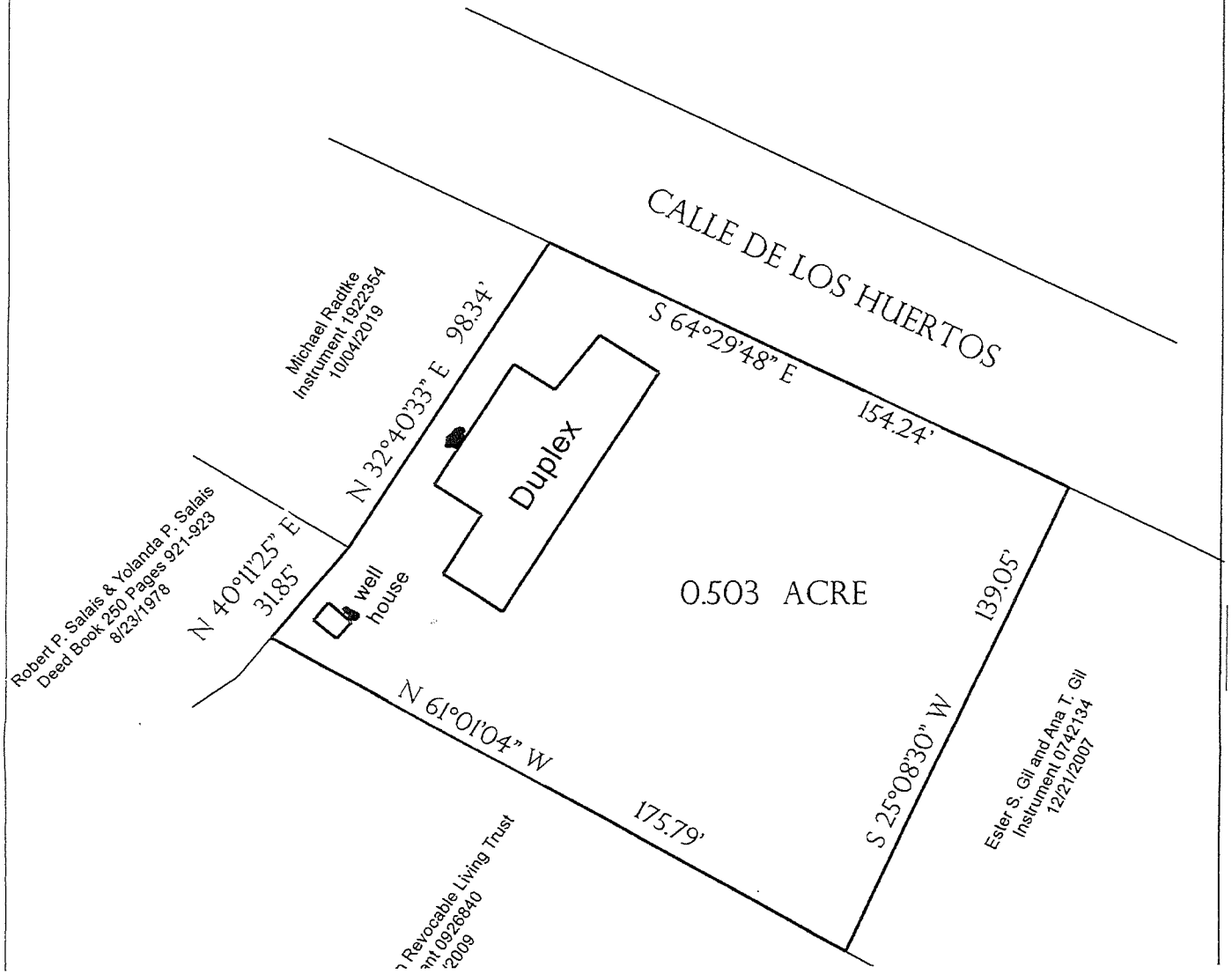
Les Williamson
2532 Calle Del Norte
Las Cruces, NM 88005
(575)202-1057

Comments or special instructions: None

Description	AMOUNT
Electrical Trench $12.00 per Foot @ 70' w/ Materials	$840
CT Module & Installation	$499
Ground Crew & Electrician Labor	$1,200
TOTAL	**$ 2,539.00**

THANK YOU FOR YOUR BUSINESS!

PLAT OF SURVEY SHOWING LOCATION OF IMPROVEMENTS ON
0.503 ACRE TRACT
IN SECTION 25, T.23S., R.1E., N.M.P.M., U.S.R.S. SURVEYS
DESIGNATED AS PART OF U.S.R.S. TRACT 11A-199
IN THE TOWN OF MESILLA,
DONA ANA COUNTY, NEW MEXICO



BOARD ACTION FORM

ITEM:

- Staff recommends approval of the Third Amendment to the Transportation Project Fund (FY19 LGTPF Calle del Norte Multi Use Path Phase II). Amendment to the original agreement pursuant to the FY23 TPF project shortfall funding in the amount of $65,400.00

BACKGROUND:

- The Town of Mesilla has $844,000.00 grant funding for the Calle del Norte Phase II project which is currently under construction. Project shortfall assistance in the amount of $65,400.00 was requested and approved.

SUPPORTING INFORMATION:

- NMDOT - Control Number HW2LP10004

BOT OPTIONS:

1. Approve the application.
2. Modify the application with conditions.
3. Reject the application.

Contract No.	**D18400/3**
Vendor No.	**0000046323**
Control No.	**HW2LP10004**

THIRD AMENDMENT TO TRANSPORTATION PROJECT FUND

This **Third Amendment** is to the Agreement entered into between the New Mexico Department of Transportation (Department) and the Town of Mesilla (Public Entity). This Amendment is effective as of the date of the last party to sign on the signature page.

RECITALS

Whereas, the Department and the Public Entity entered into an Agreement, Contract No. D18400 , on 11/7/2019 and,

Whereas, Section 19 allows for modification of the Agreement by an instrument in writing executed by the parties; and,

Whereas, the Department and the Public Entity want to provide additional funding for projects experiencing shortfalls due to rising inflation; and,

Whereas, the State Transportation Commission approved the Project changes on August 18, 2022 ; and,

Whereas, the parties agree to modify this Agreement.

Now, therefore, the Department and the Public Entity agree as follows:

1. Section 2a and 2b, Project Funding, is deleted and replaced by the following:

2. Project Funding.

a. The estimated total cost for the Project is Nine Hundred Nine Thousand Four Hundred Dollars and No Cents **($909,400.00)** to be funded in proportional share by the parties as follows:

1. FY22 TPF Funds

TPF State Fund 95%	**$801,800.00**
Match Waiver Program 5%	**$42,200.00**

Calle del Norte Multi-Use Path Phase II: Design, right-of-way acquisition, full construction, drainage improvements, construction management and

miscellaneous improvements-Calle del Norte Multi-Use Path Phase II: Design, right-of-way acquisition, full construction, drainage improvements, construction management and miscellaneous improvements

2. The Public Entity's required proportional matching of 5% is Waived

3. **Total Project FY22 Funding** **$844,000.00**

4. FY23 TPF Shortfall Assistance Department Share shall be 100% **$65,400.00**
5. **Total Project Funding** **$909,400.00**

b. The Public Entity shall pay all Project costs, which exceed the total amount of Nine Hundred Nine Thousand Four Hundred Dollars and No Cents **($909,400.00)**.

All other obligations set forth in the Original Agreement shall remain in full force and effect unless expressly amended or modified by this Third Amendment.

The remainder of this page in intentionally left blank.

In Witness Whereof, each party is signing this Agreement on the date stated opposite that party's signature.

New Mexico Department of Transportation

By: _____ Date: _____
Cabinet Secretary or Designee

Approved as to form and legal sufficiency by the New Mexico Department of Transportation's Office of General Counsel

By:_____ Date: _____
Assistant General Counsel

Town of Mesilla

By: _____ Date: _____

Name: _____

Title: _____

ATTEST:

By: _____ Date: _____
Town of Mesilla Clerk

BOARD ACTION FORM

ITEM:

- Staff recommends approval of the Second Amendment to the Transportation Project Fund (FY22 TPF Calle del Picacho Roadway Improvements). Amendment to the original agreement pursuant to the FY23 TPF project shortfall funding in the amount of $234,624.07

BACKGROUND:

- The Town of Mesilla has received $368,918.14 grant funding for the Calle de Picacho project which is currently under design. Project shortfall assistance in the amount of $234,624.07 was requested and approved.

SUPPORTING INFORMATION:

- NMDOT - Control Number HW2LP10014

BOT OPTIONS:

1. Approve the application.
2. Modify the application with conditions.
3. Reject the application.

Contract No.	**D19182/2**
Vendor No.	**0000046323**
Control No.	**HW2LP10014**

SECOND AMENDMENT TO TRANSPORTATION PROJECT FUND

This **Second Amendment** is to the Agreement entered into between the New Mexico Department of Transportation (Department) and the Town of Mesilla (Public Entity). This Amendment is effective as of the date of the last party to sign on the signature page.

RECITALS

Whereas, the Department and the Public Entity entered into an Agreement, Contract No. D19182 , on 10/28/2021 and,

Whereas, Section 19 allows for modification of the Agreement by an instrument in writing executed by the parties; and,

Whereas, the Department and the Public Entity want to provide additional funding for projects experiencing shortfalls due to rising inflation; and,

Whereas, the State Transportation Commission approved the Project changes on August 18, 2022 **;** and,

Whereas, the parties agree to modify this Agreement.

Now, therefore, the Department and the Public Entity agree as follows:

1. Section 2a and 2b, Project Funding, is deleted and replaced by the following:

2. Project Funding.

a. The estimated total cost for the Project is Six Hundred Three Thousand Five Hundred Forty Two Dollars and Twenty Cents **($603,542.21)** to be funded in proportional share by the parties as follows:

1. FY22 TPF Funds

TPF State Fund 95%	**$350,472.23**
Match Waiver Program 5%	**$18,445.91**

redevelopment of Calle de Picacho beginning at Calle del Norte (NM359) and extending south to Calle de Parian.-redevelopment of Calle de Picacho beginning at Calle del Norte (NM359) and extending south to Calle de Parian.

2. The Public Entity's required proportional matching of 5% is Waived

3. **Total Project FY22 Funding**	**$368,918.14**
4. FY23 TPF Shortfall Assistance Department Share shall be 100%	**$234,624.07**
5. **Total Project Funding**	**$603,542.21**

b. The Public Entity shall pay all Project costs, which exceed the total amount of Six Hundred Three Thousand Five Hundred Forty Two Dollars and Twenty Cents **($603,542.21)**.

All other obligations set forth in the Original Agreement shall remain in full force and effect unless expressly amended or modified by this Second Amendment.

The remainder of this page in intentionally left blank.

In Witness Whereof, each party is signing this Agreement on the date stated opposite that party's signature.

New Mexico Department of Transportation

By: _____ Date: _____
Cabinet Secretary or Designee

Approved as to form and legal sufficiency by the New Mexico Department of Transportation's Office of General Counsel

By:_____ Date: _____
Assistant General Counsel

Town of Mesilla

By: _____ Date: _____

Name: _____

Title: _____

ATTEST:

By: _____ Date: _____
Town of Mesilla Clerk

BOARD ACTION FORM

ITEM:

- Staff recommends approval of grant agreement between the Town of Mesilla and NMDOT for FY23 Transportation Project Fund $468,656.00

BACKGROUND:

- The Town of Mesilla has received grant funding for the redevelopement of Calle de Santiago Bridge Improvements and Active Transportation Corridor. Grant funding in the amount of $468,656.00 with a 5% match of $23,432.80 (Match waiver approved by BOT on 9/12/2022 submitted).

SUPPORTING INFORMATION:

- NMDOT (Project or CN LP10037).

BOT OPTIONS:

1. Approve the application.
2. Modify the application with conditions.
3. Reject the application.

Town of Mesilla, New Mexico

RESOLUTION NO. 2022-14

A RESOLUTION AUTHORIZING PARTICIPATION IN THE TRANSPORTATION PROJECT FUND PROGRAM ADMINISTERED BY THE NEW MEXICO DEPARTMENT OF TRANSPORTATION

WHEREAS, the **Town of Mesilla** and the New Mexico Department of Transportation have entered into a grant agreement under the Transportation Fund Program for a local road project.

WHEREAS, the total cost of the project will be **$468,656.00** to be funded in proportional share by the parties hereto as follows:

a. New Mexico Department of Transportation's share shall be 95% or **$445,223.20**

and

b. **Town of Mesilla's** proportional matching share shall be 5% or **$23,432.80**

TOTAL PROJECT COST IS **$468,656.00**

The **Town of Mesilla** shall pay all costs, which exceed the total amount of **$468,656.00**

NOW THEREFORE, be it resolved in open session that **Town of Mesilla** determines, resolves, and orders as follows:

That the project for this Cooperative agreement is adopted and has a priority standing.

The agreement terminates on June 30, 2025 and the **Town of Mesilla** incorporates all the agreements, covenants, and understandings between the parties hereto concerning the subject matter hereof, and all such covenants, agreements and understandings have been merged into the written agreement.

NOW THEREFORE, be it resolved by the **Town of Mesilla** to enter into Cooperative Agreement for Project Control Number **LP10037** with the New Mexico Department of Transportation for TPF Program for year 2023 for Calle de Santiago Bridge Improvements and Active Transportation Corridor-Planning, engineering, survey, design, construction and construction administration for the removal and replacement of the Calle de Santiago bridge including the headwalls and abutment, removal

and replacement of concrete and brick sidewalks, construction of new sidewalks and replacement of minor pavement section including curb and gutter- within the control of the **Town of Mesilla** in New Mexico.

PASSED AND APPROVED this 26th day of September 2022.

_____
Nora L. Barraza
Mayor

ATTEST:

_____
Rani Bush
Town Clerk-Treasurer

Contract No. _____
Vendor No. 0000046323
Control No. HW2LP10037

TRANSPORTATION PROJECT FUND
GRANT AGREEMENT

This Agreement is between the **New Mexico Department of Transportation** (Department) and **Town of Mesilla** (Public Entity). This Agreement is effective as of the date of the last party to sign it on the signature page below.

Pursuant to NMSA 1978, Sections 67-3-28 and 67-3-78 and 18.27.6 NMAC, the parties agree as follows:

1. Purpose.
The purpose of this Agreement is to provide Transportation Project Funds (TPF) to the Public Entity for the following project scope **Calle de Santiago Bridge Improvements and Active Transportation Corridor-Planning, engineering, survey, design, construction and construction administration for the removal and replacement of the Calle de Santiago bridge including the headwalls and abutment, removal and replacement of concrete and brick sidewalks, construction of new sidewalks and replacement of minor pavement section including curb and gutter** (Project or CN LP10037). This Agreement specifies and delineates the rights and duties of the parties.

2. Project Funding.

a. The estimated total cost for the Project is Four Hundred Sixty Eight Thousand Six Hundred Fifty Six Dollars and No Cents **($468,656.00)** to be funded in proportional share by the parties as follows:

1. Department's share shall be 95% **$445,223.20**
   Calle de Santiago Bridge Improvements and Active Transportation Corridor-Planning, engineering, survey, design, construction and construction administration for the removal and replacement of the Calle de Santiago bridge including the headwalls and abutment, removal and replacement of concrete and brick sidewalks, construction of new sidewalks and replacement of minor pavement section including curb and gutter

2. The Public Entity's required proportional matching Share shall be 5% **$23,432.80**
   For purpose stated above

3. Total Project Cost **$468,656.00**

b. The Public Entity is responsible for all costs that exceed Project funding.
c. All allocated funds must be spent by **June 30, 2025**.

d. The Public Entity represents that no federal funds will be used to finance the Project.
e. The Public Entity must repay Project funding to the Department if:
    1. The Project is cancelled or partially performed.
    2. A final audit conducted by the Department at Project completion determines the following: an overpayment, unexpended monies or ineligible expenses.

3. The Department:

a. Shall distribute the funds, identified in Section 2a1, in a lump sum to the Public Entity after:
    1. The Department has received this Agreement fully executed with a Resolution of Sponsorship attached as Exhibit B.
    2. Receipt of a letter requesting funds, which includes the following Project documents: Notice of Award/Work Order and Notice to Proceed for the Project.
    3. If a Department's or another entity's right-of-way is involved, a permit or letter of approval/authorization, from the entity with jurisdiction over the Project right-of-way.
b. Will not:
    1. Perform any detailed technical reviews of Project scope, cost, budget, schedule, design or other related documents;
    2. Have any involvement in the construction phase;
    3. Be involved in permit preparation or the review or coordination with regulatory agencies.
    4. Conduct periodic assurance inspections or comparison material testing.
    5. Participate in resolving bidding and contract disputes between the Public Entity and contractors.
c. May perform Project monitoring that might consist of the following:
    1. Review of Project status to ensure that project goals, objectives, performance requirements, timelines, milestone completion budgets and other guidelines are being met.
    2. Request written Project status reports.
    3. Conduct a review of the Local Entity's performance and administration of the Project funds identified in Section 2a.
d. Reserves the right, upon receipt of the Public Entity's Certification of Completion, Exhibit A, to request additional documents that demonstrate Project completion.
e. If required, the District Engineer or designee, will conduct a Project review to determine if permit is required from the Department. If there is a determination that a permit is not required, a letter of approval and authorization will be forwarded to the Public Entity.

4. The Public Entity Shall:

a. Act in the capacity of lead agency for the purpose as described in Section 1.
b. Procure and award any contract in accordance with applicable procurement law, rules, regulations and ordinances.
c. Be responsible for all design activities necessary to advance the Project to construction and coordinate construction.
d. Unless otherwise specified in a letter of authorization or permit, design and construct the Project in accordance with the Public Entity's established design standards.

e. Have sole responsibility and control of all project phases and resulting quality of the completed work.
f. If the Project is in full or on a portion of a state highway, on a Department right of way or a National Highway System route:
   1. Obtain from the Department a permit in accordance with 18.31.6.14 NMAC, State Highway Access Management Requirements or a letter of authorization; and
   2. Design and construct the Project in accordance with standards established by the Department.
g. Adopt a written resolution of Project support that includes a commitment to funding, ownership, liability and maintenance. The resolution is attached to this Agreement as Exhibit B.
h. Consider placing pedestrian, bicycle and equestrian facilities in the Project design in accordance with NMSA 1978, Section 67-3-62.
i. Comply with any and all state, local and federal regulations including the Americans with Disabilities Act (ADA) and laws regarding noise ordinances, air quality, surface water quality, ground water quality, threatened and endangered species, hazardous materials, historic and cultural properties, and cultural resources.
j. Be responsible for all permit preparation, review and coordination with regulatory agencies.
k. Cause all designs, plans, specifications and estimates to be performed under the direct supervision of a Registered New Mexico Professional Engineer, in accordance with NMSA 1978 Section 61-23-26.
l. Allow the Department to perform a final inspection of the Project and all related documentation to determine if the Project was constructed in accordance with the provisions of this Agreement. At the Department's request, provide additional documentation to demonstrate completion of the required terms and conditions.
m. Meet with the Department, as needed, or provide Project status reports within thirty (30) days of request.
n. Within 60 days after Project completion, provide the Certification of Completion, which is attached as Exhibit A, that it has complied with the requirements of 18.27.6 NMAC and this Agreement.
o. Upon completion, maintain all the Public Entity's facilities constructed or reconstructed under this Agreement.

5. Both Parties Agree:

a. Upon termination of this Agreement any remaining property, materials, or equipment belonging to the Department will be accounted for and disposed of by the Public Entity as directed by the Department.
b. Unless otherwise indicated in a letter of authorization, the Project will not be incorporated into the State Highway System and the Department is not assuming maintenance responsibility or liability.
c. Pursuant to NMSA 1978, Section 67-3-78, Transportation Project Funds granted under this provision cannot be used by the Public Entity to meet a required match under any other program.
d. The requirements of 18.27.6 NMAC are incorporated by reference.
e. The inability to properly complete and administer the Project may result in the Public

Entity being denied future grant funding.

6. Term.
This Agreement becomes effective upon signature of all parties. The effective date is the date when the last party signed the Agreement on the signature page below. This Agreement terminates on the earliest of the following dates: (a) Department receipt of the Certification of Completion or (b) **June 30, 2025**. In the event an extension to the term is needed, the Public Entity shall provide written notice along with detailed justification to the Department sixty (60) days prior to the expiration date to ensure timely processing of an Amendment. Neither party shall have any obligation after said date except as stated in Sections 2e, 4l, 4n and 7.

7. Termination.
If the Public Entity fails to comply with any provision of this Agreement, the Department may terminate this Agreement by providing thirty (30) days written notice. This Agreement may also be terminated pursuant to Section 15. Neither party has any obligation after termination, except as stated in Sections 2e, 4l, 4n and 7.

8. Third Party Beneficiary.
It is not intended by any of the provisions of any part of this Agreement to create in the public or any member of the public a third party beneficiary or to authorize anyone not a party to the Agreement to maintain a suit(s) for wrongful death(s), bodily and/or personal injury(ies) to person(s), damage(s) to property(ies), and/or any other claim(s) whatsoever pursuant to the provisions of this Agreement.

9. New Mexico Tort Claims Act.
As between the Department and Public Entity, neither party shall be responsible for liability incurred as a result of the other party's acts or omissions in connection with this Agreement. Any liability incurred in connection with this Agreement is subject to the immunities and limitations of the New Mexico Tort Claims Act, NMSA 1978, Section 41-4-1, *et seq*.

10. Contractors Insurance Requirements.
The Public Entity shall require contractors and subcontractors hired for the Project to have a general liability insurance policy, with limits of liability of at least $1,000,000 per occurrence. The Department is to be named as an additional insured on the contractors and subcontractor's policy and a certificate of insurance must be provided to the Department and it must state that coverage provided under the policy is primary over any other valid insurance.

To the fullest extent permitted by law, the Public Entity shall require the contractor and subcontractors to defend, indemnify and hold harmless the Department from and against any liability, claims, damages, losses or expenses (including but not limited to attorney's fees, court costs, and the cost of appellate proceedings) arising out of or resulting from the negligence, act, error, or omission of the contractor and subcontractor in the performance of the Project, or anyone directly or indirectly employed by the contractor or anyone for whose acts they are liable in the performance of the Project.

11. Scope of Agreement.

This Agreement incorporates all the agreements, covenants, and understandings between the parties concerning the subject matter. All such covenants, agreements, and understandings have been merged into this written Agreement. No prior Agreement or understandings, verbal or otherwise, of the parties or their agents will be valid or enforceable unless embodied in this Agreement.

12. Terms of this Agreement.
The terms of this Agreement are lawful; performance of all duties and obligations must conform with and not contravene any state, local, or federal statutes, regulations, rules, or ordinances.

13. Legal Compliance.
The Public Entity shall comply with all applicable federal, state, local, and Department laws, regulations and policies in the performance of this Agreement, including, but not limited to laws governing civil right, equal opportunity compliance, environmental issue, workplace safety, employer-employee relations and all other laws governing operations of the workplace. The Public Entity shall include the requirements of this Section 13 in each contract and subcontract at all tiers.

14. Equal Opportunity Compliance.
The parties agree to abide by all federal and state laws and rules and regulations, and executive orders of the Governor of the State of New Mexico, pertaining to equal employment opportunity. In accordance with all such laws and rules and regulations, and executive orders of the Governor of the State of New Mexico, the parties agree to assure that no person in the United States will, on the grounds of race, color, national origin, ancestry, sex, sexual preference, age or handicap, be excluded from employment with, or participation in, any program or activity performed under this Agreement. If the parties are found to not be in compliance with these requirements during the term of this Agreement, the parties agree to take appropriate steps to correct these deficiencies.

15. Appropriations and Authorizations.
The terms of this Agreement are contingent upon sufficient appropriations and authorizations being made by the governing board of the Public Entity, the Legislature of New Mexico for performance of the Agreement. If sufficient appropriations and authorizations are not made by the Public Entity and the Legislature this Agreement will terminate upon written notice being given by one party to the other. The Department and Public Entity are expressly not committed to expenditure of any funds until such time as they are programmed, budgeted, encumbered, and approved for expenditure.

16. Accountability of Receipts and Disbursements.
There shall be strict accountability for all receipts and disbursements relating to this Agreement. The Public Entity shall maintain all records and documents relative to the Project for a minimum of five (5) years after completion of the Project. The Public Entity shall furnish the Department and State Auditor, upon demand, any and all such records relevant to this Agreement. If an audit finding determines that specific funding was inappropriate or not related to the Project, the Public Entity shall reimburse that portion to the Department within thirty (30) days of written notification. If documentation is insufficient to support an audit by customarily accepted

accounting practices, the expense supported by such insufficient documentation must be reimbursed to the Department within thirty (30) days.

17. Severability.
In the event that any portion of this Agreement is determined to be void, unconstitutional or otherwise unenforceable, the remainder of this Agreement will remain in full force and effect.

18. Applicable Law.
The laws of the State of New Mexico shall govern this Agreement, without giving effect to its choice of law provisions. Venue is proper in a New Mexico Court of competent jurisdiction in accordance with NMSA 1978, Section 38-3-1(G).

19. Amendment.
This Agreement may be amended by an instrument in writing executed by the parties.

The remainder of this page is intentionally left blank.

In witness whereof, each party is signing this Agreement on the date stated opposite that party's signature.

NEW MEXICO DEPARTMENT OF TRANSPORTATION

By:_____ Date: _____
Cabinet Secretary or Designee

Approved as to form and legal sufficiency by the New Mexico Department of Transportation's Office of General Counsel

By:_____ Date: _____
Assistant General Counsel

Town of Mesilla

By:_____ Date: _____

Title: _____

Attest: _____

Title: _____

EXHIBIT A

CERTIFICATION OF PROJECT COMPLETION

Public Entity:

Control No. LP10037

I, _____, in my capacity as _____ of _____ certify in regard to Control No. **LP10037**:

1. That the Public Entity has complied with the terms and conditions of the requirements under this Agreement and 18.27.6 NMAC.
2. That all work in was performed in accordance with the Agreement.
3. That the total Project cost of _____, with New Mexico Department of Transportation 95% share of _____ and the Public Entity share of _____ is accurate, legitimate, and appropriate for the Project.
4. That the Project was completed on _____ of _____, 20_____

In Witness Whereof, _____ in his/her capacity as_____ of _____ certify that the matters stated above are true to his/her knowledge and belief.

Town of Mesilla

By:_____ Date: _____

Title: _____ Date: _____

ATTEST:

By:_____ Date: _____

Public Entity Clerk

When completed, send Certification of Project Completion to the District Coordinator, New Mexico Department of Transportation.

BOARD ACTION FORM

ITEM:

Resolution authorizing and approving Matching Funds in the amount of $67,587.00 to be assigned to the submission of the completed Colonias application.

BACKGROUND:

Verification of matching funds is required as part of the submission of readiness to proceed items (item No. 2).

SUPPORTING INFORMATION:

Colonias Infrastructure Project No. 5786-CIF; Water Infrastructure; University Ave. waterline replacement. Submission of readiness to proceed items letter dated June 28, 2022

BOT OPTIONS:

1. Approve the application.
2. Modify the application with conditions.
3. Reject the application.

Town of Mesilla, New Mexico

RESOLUTION NO. 2022-16

AUTHORIZING AND APPROVING MATCHING FUNDS FOR THE COMPLETED APPLICATION FOR FINANCIAL ASSISTANCE AND PROJECT APPROVAL TO THE NEW MEXICO FINANCE AUTHORITY FOR THE COLONIAS INFRASTRUCTURE FUND

WHEREAS, the Town of Mesilla is a qualified entity under the New Mexico Finance Authority Colonias Infrastructure Act, Sections 6-30-1 through 6-30-8, NMSA 1978 ("Act"), and the Town of Mesilla is authorized to borrow funds and/or issue bonds for financing of public projects for benefit of the Town, and

WHEREAS, the New Mexico Finance Authority ("Authority") has instituted a program for financing of projects from the Colonias Infrastructure fund created under the Act and has developed an application procedure whereby the Governing Body may submit applications for financial assistance from the Authority for public projects, and

WHEREAS, the Town of Mesilla intends to undertake design, construction and improvements of the University Waterline Replacement Project ("Project") for the benefit of the Town of Mesilla citizens; and

WHEREAS, the application prescribed by the Authority has been completed and submitted to the Governing Body and this resolution approving Matching Funds be assigned to the competed Application to the Authority for its consideration and review is required as part of the Application;

NOW THEREFORE, BE IT RESOLVED BY THE GOVERNING BODY OF THE TOWN OF MESILLA:

Section 1. That all actions (not inconsistent with the provision herein) heretofore taken by the Governing body, and the officers and employees thereof directed toward the Matching Funds for this Application and the Project, be and the same is hereby ratified, approved and confirmed.

Section 2. That Matching Funds for the application be assigned for the submission of the application requesting funding from the Colonias Infrastructure Fund, be and the same is hereby approved and confirmed,

Section 3. That the officers and employees of the Governing Body are hereby directed and requested to assign Matching Funds to the Authority for its review and are further authorized to take such other action as may be requested by the Authority in its consideration and review of the application and to further proceed with arrangements for financing the projects.

PASSED, APPROVED AND ADOPTED by the Board of Trustees at its regular meeting on this 26th of September 26, 2022.

_____
Nora L. Barraza
Mayor

ATTEST:

_____
Rani Bush
Town Clerk-Treasurer

NEW MEXICO
FINANCEAUTHORITY

June 28, 2022

Via First Class Mail and Email
Town of Mesilla
Attn: Mayor Nora L. Barraza
P.O. Box 10
Mesilla, NM 88046
mayor@mesillanm.gov

RE: Colonias Infrastructure Project No. 5786-CIF; Water Infrastructure; University Ave. waterline replacement

Dear Mayor Barraza:

The Board of Directors of the New Mexico Finance Authority ("NMFA") met on June 23, 2022, to approve the final terms, structure and conditions of Colonias Infrastructure Funding in the amount of $675,034 to the Town of Mesilla ("Town") for its Water Infrastructure Project. This action is a result of the Colonias Infrastructure Board recommendations approved on May 24, 2022.

The approved funding structure consists of a 10% loan in the amount of $67,503, and a 90% grant in the amount of $607,531. The loan component is a 20-year term at interest rate of 0%. The loan and grant are to be used by the Town for the construction and replacement of existing asbestos concrete waterline in University Avenue.

To secure the funding agreement for the award, the Town must submit the following Readiness to Proceed items **no later than October 31, 2022** by email only to Colonias@nmfa.net.

SUBMISSION OF READINESS TO PROCEED ITEMS

This funding is conditional and the Town must submit the following Readiness to Proceed ("RTP") items, as applicable, before the loan/grant agreement can be scheduled to close:

1. A monthly draw-down schedule of project expenditures, including Month and Year;
2. Verification of match in the amount of $67,587;
3. Approval of plans/specification by NMED-Construction Programs Bureau;
4. Verification that right-of-way and permits are secured;
5. Updated Open Meetings Act resolution;
6. All contingencies must be satisfied **no later than October 31, 2022**; and
7. Any additional information requested by the NMFA Board or Colonias Infrastructure Board.

Compliance with the RTP process is required to secure the funding for this project. To prevent any delays in securing the funding, please begin preparing the RTP information upon receipt of this notice. When all of the RTP criteria have been submitted, outside counsel for NMFA will draft the funding agreement and will contact the Town directly for closing arrangements.

As part of the technical oversight of Colonias Infrastructure Funds, all project documentation (design and construction plans, contracts, bids, etc.), must be reviewed and approved by the New Mexico Environment Department, Construction Programs Bureau. Please contact Steven Deal, Project Manager, (505) 670-2926, steven.deal@state.nm.us, to confirm technical requirements for this project.

Please contact me at Colonias@nmfa.net or (505) 992-9648 if you have any questions regarding the RTP information.

Sincerely,

Angela Quintana
Senior Program Administrator

cc: Rob McGillivary, Town of Mesilla, rodm@mesillanm.gov
Rani Bush, Town of Mesilla, ranib@mesillanm.gov
Steven Deal, NMED-CPB, steven.deal@state.nm.us
Andrea Telmo, NMED-CPB, andrea.telmo@state.nm.us