



Town of Mesilla, New Mexico

THE PLANNING, ZONING AND HISTORICAL APPROPRIATENESS COMMISSION
(PZHAC) WILL HOLD A REGULAR MEETING AT THE MESILLA TOWN HALL, 2231
AVENIDA DE MESILLA.
MONDAY, May 2, 2022, AT 2:30 P.M
AGENDA

1. PLEDGE OF ALLEGIANCE

2. ROLL CALL AND DETERMINATION OF A QUORUM

3. CHANGES / APPROVAL OF AGENDA

4. PUBLIC INPUT

The public is invited to address the commission for up to 3 minutes. You can also email your comments to joep@mesillamm.gov at least twenty-four (24) hours prior to the meeting.

5. APPROVAL OF CONSENT AGENDA

Note: Items on the Consent Agenda, indicated by an asterisk (), will be voted on with one motion unless a commissioner requests that a specific item be removed for discussion.*

- a. *PZHAC MINUTES: April 18, 2022, Regular Minutes
- b. *PZHAC Case #061381 – 1974 Union submitted by Crown Castle for T-Mobile to upgrade tower antennas, Zoned: Rural Farm (RF)

6. NEW BUSINESS

- a. PZHAC Case #061378 – 2A Stanford, submitted by Leopoldo Quintana to permit a three-rail ranch fence. Zoned: Rural Farm (RF).
- b. PZHAC Case #061377 – 2305 Calle de Colon, submitted by Gerard Nevarez to gutter system in front of house. Zoned: Historical (HR)
- c. PZHAC Case #061379 – 201 Capri Rd. submitted by Murry Ray to replace existing fence with six-foot chain-link fence. Zoned: R1
- d. PZHAC Case #061380 – 2101 Calle Del Norte submitted by Juan Caro to construct a two-foot rock wall in front to increase in height towards back of property, Zoned: Historical Residential (HR)
- e. PZHAC Case #061376 – Pappas Williamson seeking for a summary subdivision a Replat of U.S.R.S Tract 11A-199 & 11A – 198A within the Town of Mesilla, Dona Ana County, N.M. in section 25, T.23S R.1E of U.S.R.S. Surveys (2532 Calle De Norte), Zoned: Historical Residential (HR).

7. COMMISSIONERS / STAFF COMMENTS

8. 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 48 hours prior to the meeting.

Posted on 4/29/2022 at the following locations: Town Hall - 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; Ristraman - 2531 Avenida de Mesilla, and the U.S. Post Office - 2253 Calle de Parian.



Town of Mesilla, New Mexico

**THE PLANNING, ZONING AND
HISTORICAL APPROPRIATENESS COMMISSION (PZHAC)
MONDAY, April 18, 2022, 2:30 PM**

MINUTES

1. PLEDGE OF ALLEGIANCE

Chair Lucero led the Pledge of Allegiance.

2. ROLL CALL AND DETERMINATION OF QUORUM

Commissioners Walkinshaw, Lucero, and Salas were present. Commissioner Jones, Nevarez Absent. Community Development Coordinator Padilla declared a quorum.

3. CHANGES/APPROVAL OF THE AGENDA

Motion to approve agenda was made by Commissioner Salas and seconded by Commissioner Walkinshaw.

Roll Call Vote:

Commissioner Walkinshaw - Yes

Commissioner Lucero - Yes

Commissioner Salas - Yes

Commissioner Nevarez- Absent

Commissioner Jones- Absent

Motioned passed

4. PUBLIC INPUT

Jeff McBride: Mr. McBride is a homeowner in Mesilla. He expressed concerns regarding the minutes of these meetings where in the past there was a separate area where the minutes would be posted. Now it seems as if items are being added to the agenda for the upcoming meetings and it is taking longer to get them. In the past, the minutes were posted separately and now it takes two to three weeks after the meetings for access to the minutes. An additional concern was where the minutes state, "discussion held" and there is no information as to what was said. Mr. McBride believes someone may want to look at the notations of what was said later and there may be a situation where someone was not able to attend and would like to know what happened, what the discussion was, what the conditions were and why they were approved in that way or not. All that information is not captured and what is only noted is the agenda and the votes.

52 He stated he understands the importance of the votes but would be interested in knowing what the
53 issues or barriers were so that as a homeowner he could know what was needed to move forward.
54 Mr. McBride's recommendation is to separate the minutes from the agenda and have a goal of
55 posting them by the Friday, the same week of the meeting. He would also like to see, for
56 transparency purposes, that the meetings be videoed and live streamed recorded so that it can be
57 seen after the fact. He was advised by Mr. Padilla that the audio of the meetings can be available
58 upon request and is requesting moving in the direction of video recordings and having a written
59 version in the meantime.

60
61 Susan Kreuger: In 2006 or 2007, a local attorney sued the Town of Mesilla for requiring his
62 client to follow the Yguado plan to use a particular architectural style for a home he planned to
63 build in the historic zone. The town involved the State Historic Preservation office in writing an
64 ordinance that would enforce planning which would include the Yguado plan within it, which
65 became Chapter 18.33. Within chapter 18.33, there is a requirement that building in the historic
66 zone, or a historic overlay zone, one must obtain a historical appropriateness permit which
67 becomes part of your title. Then, the process to get an historical appropriateness permit is
68 outlined in 18.33.060.B 1-5 and it has the advantage of removing the personal bias and decision
69 making by this group. As individuals, an applicant can use the document (holds up a stapled
70 document) to get a building permit in the historic zone or historic overlay zone so that no bias is
71 involved. Ms. Kreuger expressed that all should be fully aware of the ability to do it in this
72 manner so that there isn't any bias. She believes it's the architectural styles committee, that could
73 possibly engage in bias and added that although they say they don't make the decisions; people
74 who go through the process indicate that a discussion was held. She believes that the benefit to
75 the town and to you as individuals (Madam Chair announce that Mrs. Kreuger's was at three
76 minutes) would be to use the process and the outline in the ordinance.

77
78 **5. APPROVAL OF CONSENT AGENDA**

79
80 **a. PZHAC MINUTES: April 18, 2022, Regular Minutes**

81
82 **Motion to approve the Consent Agenda was made by Commissioner Salas and seconded by**
83 **Commissioner Walkinshaw**

84
85 **Roll Call Vote:**

86 Commissioner Walkinshaw - Yes

87 Commissioner Lucero - Yes

88 Commissioner Salas - Yes

89 Commissioner Nevarez – Absent

90 Commissioner Jones – Absent

91
92 **Motioned passed**

93
94
95 **6. NEW BUSINESS**

96
97 **a. PZHAC CASE #061361 – 2631 Calle Tercera submitted by Francisco Torrez to construct a**
98 **rock wall on south end of the property. Zoned: Historical Residential (HR)**

99 **Motion to approve was presented by Commissioner Salas and seconded by Commissioner**
100 **Walkinshaw.**

101
102 Staff presented facts of the case. Discussion followed.

103 **Roll Call Vote:**
104 Commissioner Walkinshaw – Yes
105 Commissioner Lucero - Yes
106 Commissioner Salas - Yes
107 Commissioner Nevarez – Absent
108 Commissioner Jones – Absent

109
110 **Motioned passed**

- 111
112 b. **PZHAC CASE #061372** – 337 Capri Arc submitted by Luis Estrada and Tamara Anatska.to
113 convert home to refrigerated air. **Zoned: R-1**

114
115 **Motion to approve was presented by Commissioner Walkinshaw and seconded by**
116 **Commissioner Salas.**

117
118 Staff presented facts of the case. Discussion followed.

119
120 **Roll Call Vote:**
121 Commissioner Walkinshaw - Yes
122 Commissioner Lucero – Yes
123 Commissioner Salas - Yes
124 Commissioner Nevarez – Absent
125 Commissioner Jones – Absent

126
127 **Motion passed**

- 128
129 c. **PZHAC CASE #061373** – 2823 Erminda submitted by Gloria Basden to repaint exterior of
130 the home with elastomeric paint color will not change. **Zoned: Historical Residential**
131 **(HR)**

132
133 **Motion to approve was presented by Commissioner Salas and seconded by Commissioner**
134 **Walkinshaw.**

135
136 Staff presented the facts of the case. Discussion followed.

137
138 **Roll Call Vote:**
139 Commissioner Walkinshaw - Yes
140 Commissioner Lucero - Yes
141 Commissioner Salas - Yes
142 Commissioner Nevarez – Absent
143 Commissioner Jones – Absent

144
145 **Motion passed**

- 146
147 d. **PZHAC CASE #061374** – 2850 Boldt submitted by Belen A. Soto to seal parapets on home
148 **Zoned: Historical Residential (HR)**

149
150 **Motion to approve was presented by Commissioner Walkinshaw and seconded by**
151 **Commissioner Salas.**

152

153 Staff presented the facts of the case. Discussion followed.

154

155 **Roll Call Vote:**

156 Commissioner Walkinshaw - Yes

157 Commissioner Lucero - Yes

158 Commissioner Salas - Yes

159 Commissioner Nevarez – Absent

160 Commissioner Jones – Absent

161

162 **Motion passed**

163

164 e. **PZHAC CASE #061369** – 2958 La Mesilla Circle submitted by Robert Hamilton and Kathleen

165 Foreman to remove garage door, replace with French doors, and add two windows Zoned:

166 **Historical Residential (HR)**

167

168 **Motion to approve was presented by Commissioner Walkinshaw and seconded by**

169 **Commissioner Salas.**

170

171 Staff presented the facts of the case. Discussion followed.

172

173 **Roll Call Vote:**

174 Commissioner Walkinshaw – Yes

175 Commissioner Lucero – Yes

176 Commissioner Salas – Yes

177 Commissioner Nevarez – Absent

178 Commissioner Jones – Absent

179

180 **Motion passed**

181

182 **Discussion:**

183 – Conquistadores Del Norte Replat, being a replat of lots of A and B, Filed March 8, 2011, Book
184 23, Page 165 Doña Ana County records Town of Mesilla, Doña Ana County, New Mexico. (1088
185 Calle Del Norte) **Zoned: Historic Residential (HR)**

186

187 **7. COMMISSON/STAFF COMMENTS**

188 Mr. Padilla stated that this is a learning process for him and is aware additional learning is needed
189 in the details of the ordinances and in following proper procedures. As of now, some information
190 is missing in packets but will be completed. Chair Lucero stated that Mr. Padilla is doing a very
191 good job. The packets are well put together and easy to follow. Trainings are available for
192 NMLZO Mr. Padilla and will be registered for those that are wanting to attend upcoming training.
193 Commissioner Nevarez inquired about parking at Calle Santiago and Calle San Albino; customer
194 parking only, and he has not seen a business registration. Discussed with codes enforcement and
195 the fire Marshalls last week as the owner is also trying to obtain a cannabis permit. She was cited
196 for the signage she was using.

197

198 **8. ADJOURNMENT**

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200 Meeting adjourned at 3:05 p.m.

201

202 **APPROVED THIS 18th DAY OF APRIL 2022.**

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217

Yolanda Lucero
Chair

ATTEST:

Joe Padilla
Community Development Coordinator

DRAFT

**TOWN OF MESILLA
ZONING APPROVAL**

OFFICIAL USE ONLY:

Case # 061381
Fee \$ 290.00

*Fed 250.00
Review 940.00*

**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. 061381 ZONE: _____ CODE: MIC APPLICATION DATE: _____

JURADO, ARTURO & MARIA E (575)526 - 4971
Name of Property Owner Property Owner's Telephone Number
300 S MOTEL BLVD LAS CRUCES NM 88007
Property Owner's Mailing Address City State Zip Code

Property Owner's E-mail Address
TBD

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: 1974 N UNION AVENUE LAS CRUCES, NM 88005

Description of Proposed Work: _____
Add and/or replace antennas, ancillary equipment, and ground equipment as per plans for an existing carrier on an existing wireless communication facility. (BU 822193 APP 596579)

\$ 20,000.00 **Contracting Agent: Crown Castle** Stephanie Wallace 4/25/2022
Estimated Cost Signature of Applicant 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 **BOT** Approved Date: _____
 Approved Date: _____ Disapproved Date: _____
 Disapproved Date: _____ Approved with Conditions
 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.)

T-Mobile

T-MOBILE SITE NUMBER: NM02104B
T-MOBILE SITE NAME: CROWN: 4 POINTS GIN (822193)
T-MOBILE PROJECT: ANCHOR

BUSINESS UNIT #: 822193
APPLICATION ID#: 596579
SITE ADDRESS: 574 N UNION AVENUE
COUNTY: DONA ANA
SITE TYPE: MONOPOLE
TOWER HEIGHT: 75'-0"

T-Mobile
 4800 PAN AMERICAN FREEWAY, SUITE A
 ALBUQUERQUE, NM 87109

CROWN CASTLE
 2055 S. STEARMAN DRIVE
 CHANDLER, AZ 85226

BROADUS services
 4 COUNTRY PLACE CIRCLE
 DALWORTHINGTON GARDENS
 TEXAS 75049
 OFFICE: 972-418-1499
 FAX: 972-418-4234

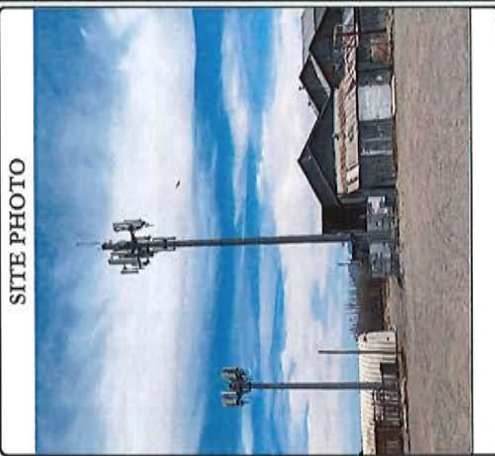
T-MOBILE SITE NUMBER:
 NM02104B
BU #: 822193
4 POINTS GIN
 1974 N UNION AVENUE
 LAS CRUCES, NM 88005
EXISTING 75'-0" MONOPOLE

ISSUED FOR:	DATE	DESCRIPTION	DESIGN
	04/11/2021	WIS	FINAL



CAA SOLUTIONS, PLLC
 CONSULTING ENGINEER
 3400 AVILA, CA 90326
 P.E. ALEXANDER HERNANDEZ, LICENSE NO. 22991
 STATE OF ALABAMA PROFESSIONAL ENGINEER
 FULLY EXPIRED

SHEET NUMBER: T-1
REVISION: FCD0



DRAWING INDEX	
SHEET #	TITLE DESCRIPTION
T-1	TITLE SHEET
T-2	GENERAL NOTES
C-11	OVERALL SITE PLAN
C-12	COMPOUND PLAN
C-21	EXISTING & FINAL TOWER ELEVATIONS
C-22	EXISTING & FINAL ANTENNA PLANS
G-3	FINAL EQUIPMENT SCHEDULE
G-4	EQUIPMENT SPECS
C-5	CABINET SPECIFICATIONS
C-6	BATTERY SPECIFICATIONS
E-1	UTILITY PLAN AND ONE LINE
E-2	PANEL SCHEDULES
E-3	ELECTRICAL NOTES
G-1	GROUNDING DETAILS

APPLICABLE CODES/REFERENCE DOCUMENTS

ALL WORK SHALL BE PERFORMED AND MATERIALS INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PREMIT WORK NOT CONFORMING TO THESE CODES

CODES:
 STRUCTURAL ANALYSIS -
 MECHANICAL -
 ELECTRICAL -
 2021 IMC
 2020 NEC

REFERENCE DOCUMENTS:
 STRUCTURAL ANALYSIS -
 DATED: -
 MOUNT ANALYSIS -
 DATED: -
 RFDS REVISIONS: 4
 DATED: 2/7/2022 9:26:55 AM

NOTES

1. ALL DRAWINGS CONTAINED HEREIN ARE FORMATTED FOR FULL SIZE. CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS PRIOR TO ACCESSING/ENTERING THE SITE. YOU MUST CONTACT THE CROWN NOC AT (800) 788-7011 & CROWN CONSTRUCTION MANAGER.

SCOPE OF WORK

GROUND SCOPE OF WORK:
 • REMOVE (0) DUCTS FROM (0) RIS 6102
 • REMOVE (0) PANEL ANTENNAS
 • REMOVE (0) RIS 6648 FROM RIS 6102
 • INSTALL (0) RIS 6160 ACVT CABINET
 • INSTALL (0) BATTERY CABINET
 • INSTALL (0) RIS 6648 IN (0) RIS 6100
 • RALOCATE (0) CSR 138A TO (0) GEN2 FROM (0) RIS 6102 TO (0) RIS 6160

PROJECT TEAM

NAME FIRM:
 BROADUS SERVICES
 4 COUNTRY PLACE CIRCLE
 DALWORTHINGTON GARDENS
 TEXAS 75049
 PH: (972) 418-1499

ENGINEER FIRM:
 CAA SOLUTIONS, PLLC
 3400 STRATFORD ROAD
 ATLANTA, GA 30326
 CONTACT: ALEXANDER.HERNANDEZ@CAA.COM
 PH: (770) 549-8226

CROWN CASTLE USA, INC. DISTRICT CONTACT:
 2055 S. STEARMAN DRIVE
 CHANDLER, AZ 85226
 KABIN L. JACKSON - PROJECT MANAGER
 (480) 755-6933

JASON PARKER - CONSTRUCTION MANAGER
 (480) 527-0220

CHRISTOPHER CABRANCHO - ASSESSMENT SPECIALIST
 (719) 440-2657

SITE INFORMATION

CROWN CASTLE USA, INC.
 4 POINTS GIN
 1974 N UNION AVENUE
 LAS CRUCES, NM 88005

COUNTY: DONA ANA
PROJECT #: 596579
AREA OF CONSTRUCTION: EXISTING
LATITUDE: 32° 15' 57.86"
LONGITUDE: -106° 47' 07.52"
NAD83
GROUND ELEVATION: 3488.0 FT
CURRENT ZONING: N/A
JURISDICTION: TOWN OF MESSILA, NM

OCCUPANCY CLASSIFICATION: U
TYPE OF CONSTRUCTION: IP
AD.A. COMPLIANCE: FACILITY IS UNMANNED AND NOT FOR PERSONNEL WITH ACCESS
PROPERTY OWNER: ANTONIA & MARIA JUJUALDO

TOWER OWNER: CROWN CASTLE
 200 CORPORATE DRIVE
 CANONSBURG, PA 15317

CARRIER/APPLICANT: T-MOBILE
 4800 PAN AMERICAN FREEWAY NE
 ALBUQUERQUE, NM 87109

ELECTRIC PROVIDER: EL PASO ELECTRIC

TELCO PROVIDER: TRD

NOTES

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SCOPE OF WORK

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 • REMOVE (0) PANEL ANTENNAS
 • REMOVE (0) RIS 6648 FROM RIS 6102
 • INSTALL (0) RIS 6160 ACVT CABINET
 • INSTALL (0) BATTERY CABINET
 • INSTALL (0) RIS 6648 IN (0) RIS 6100
 • RALOCATE (0) CSR 138A TO (0) GEN2 FROM (0) RIS 6102 TO (0) RIS 6160



CALL NEW MEXICO ONE CALL
 (800) 321-2537
 CALL 3 WORKING DAYS
 BEFORE YOU DIG!

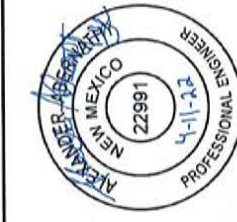
T-Mobile
 4830 PAN AMERICAN FREEWAY, SUITE A
 ALBUQUERQUE, NM 87110

CROWN CASTLE
 3655 S. STEARMAN DRIVE
 CHANDLER, AZ 85286

BROADUS services
 4 COUNTRY PLACE CIRCLE
 DALWORTHINGTON GARDENS
 TEXAS 75016
 OFFICE: 972-341-5499
 FAX: 972-341-4234

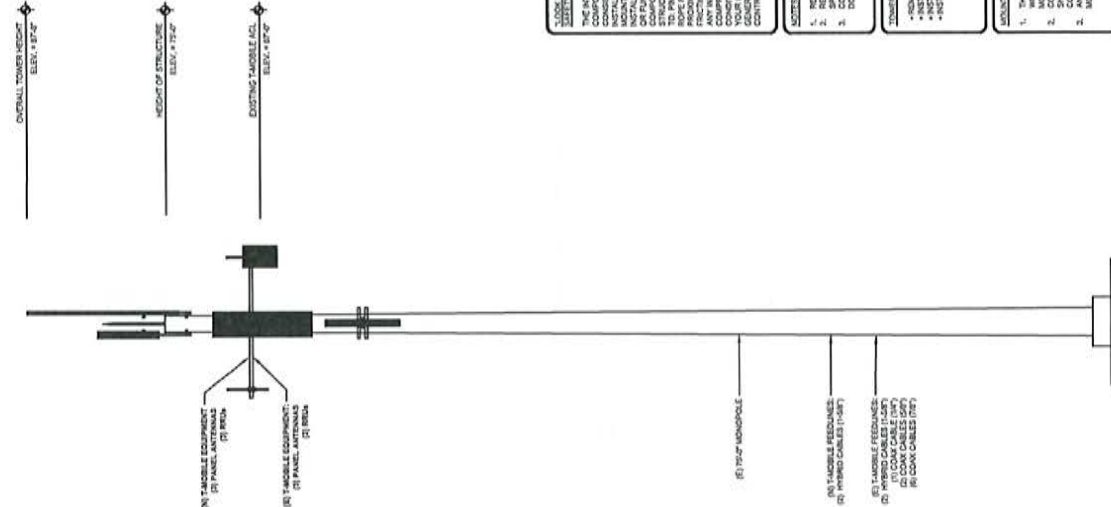
T-MOBILE SITE NUMBER:
 NM02104B
 BU #: 822193
 4 POINTS GIN
 1974 N UNION AVENUE
 LAS CRUCES, NM 88005
 EXISTING 75'-0" MONOPOLE

ISSUED FOR:				
REV	DATE	DESCRIPTION	BY	CHK



CAA SOLUTIONS, PLLC
 CONSULTING ENGINEER
 3000 PHOENIX AVENUE, SUITE 200
 ATLANTA, GA 30328
 (404) 525-1100
 FOR A LIST OF ALL STATES WHERE THIS CERTIFICATION IS VALID, VISIT WWW.CAA-SOLUTIONS.COM
 TO VIEW THIS DOCUMENT.

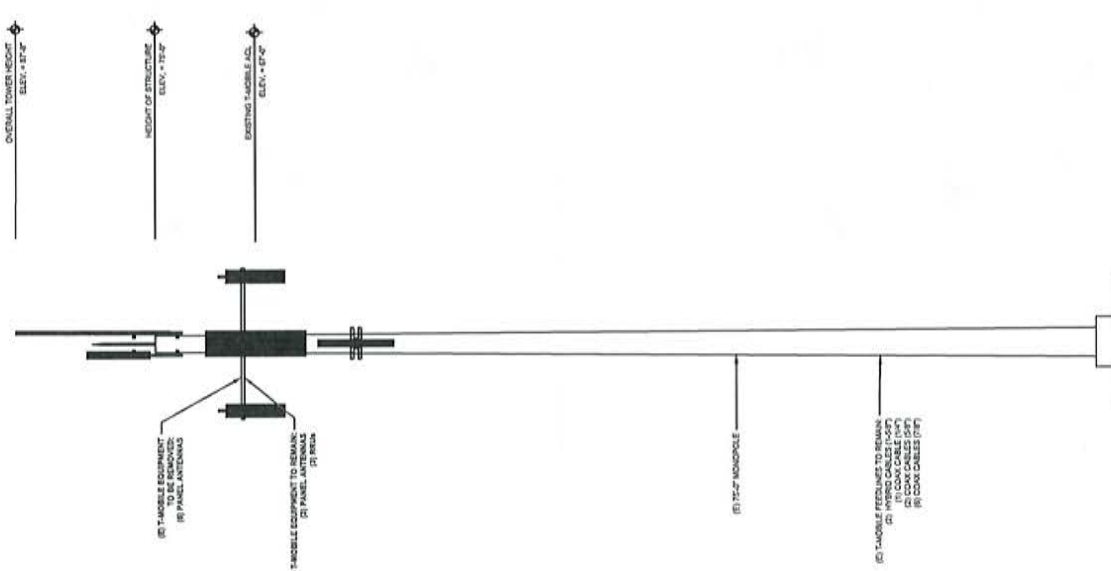
SHEET NUMBER: **C-2.1**
 REVISION: **FCD0**



NOTES:

1. THE ENTIRETY OF THE SAFETY CLIMB AND ALL COMPONENTS OF THE CLIMBING FACILITY SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS AND STANDARDS. INSTALLATION AND MAINTENANCE SHALL NOT COMPROMISE THE INTEGRITY OR FUNCTIONAL USE OF THE SAFETY CLIMB OR ANY OTHER STRUCTURE. THIS SHALL INCLUDE, BUT NOT BE LIMITED TO, THE SAFETY CLIMB SHALL BE MAINTAINED FREE FROM OBSTRUCTIONS, DIRECT CONTACT OR CLOSE PROXIMITY TO WIRE ROPE WHICH MAY CAUSE WEAR OR DAMAGE TO THE SAFETY CLIMB OR ANY OTHER COMPONENT. THE SAFETY CLIMB SHALL BE MAINTAINED IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS AND STANDARDS. THE SAFETY CLIMB SHALL BE MAINTAINED IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS AND STANDARDS. THE SAFETY CLIMB SHALL BE MAINTAINED IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS AND STANDARDS.
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FINAL ELEVATION
 SCALE: NOT TO SCALE



NOTES:

1. THE SAFETY CLIMB SHALL BE MAINTAINED IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS AND STANDARDS. THE SAFETY CLIMB SHALL BE MAINTAINED IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS AND STANDARDS. THE SAFETY CLIMB SHALL BE MAINTAINED IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS AND STANDARDS.
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EXISTING ELEVATION
 SCALE: NOT TO SCALE

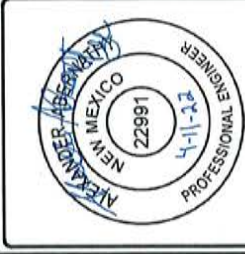
Mobile
4830 PAN AMERICAN FREEWAY, SUITE A
ALBUQUERQUE, NM 87110

CROWN CASTLE
3655 S STEARMAN DRIVE
CHANDLER, AZ 85286

BROADUS services
4 COUNTRY PLACE CIRCLE
DALWORTHINGTON GARDENS
TEXAS 75048
OFFICE: 972-419-4499
FAX: 972-419-4254

T-MOBILE SITE NUMBER:
NM02104B
BU #: 822193
4 POINTS GIN
1974 N UNION AVENUE
LAS CRUCES, NM 88005
EXISTING 75-0' MONOPOLE

ISSUED FOR:	DATE	DRAWN	DESCRIPTION	DESIGNED
REP	10/17/2012	WIS	FINAL	JK



CAA SOLUTIONS, PLLC
CONSULTING ENGINEER
3400 UNIVERSITY BLVD
ALBUQUERQUE, NM 87106
TEL: 505-263-3329

FOR A COMPLETE LIST OF PROJECTS AND CONTACT INFORMATION
PLEASE VISIT OUR WEBSITE AT WWW.CAASOLUTIONS.COM
FOR A LICENSED PROFESSIONAL ENGINEER,
PLEASE REFER TO THE DOCUMENT.

SHEET NUMBER: **C-3**
REVISION: **FCD0**

POSITION	ANTENNA		RADIO		DUPLEXER		TMA		SURGE PROTECTION		CABLES			
	TECH	STATUS/MANUFACTURER MODEL	AZIMUTH	HEIGHT	STATUS/MODEL	LOCATION	QTY	STATUS	QTY	STATUS/MODEL	QTY	STATUS/TYPE	SIZE	LENGTH (FT)
A1	L2000 N2000	(N) ERICSSON - JNR648 841_210	45°	87'2"	-	-	-	-	-	-	-	(E) HYBRID	3x3	30
A2	L2000 N2000	(E) BSCCELLWAVE APPWARRD_L_COUNAND_210	45°	87'2"	-	TOWER	1	-	-	-	-	(E) HYBRID	60x 49x5	30
A3	-	-	-	-	-	TOWER	1	-	-	-	-	(N) HYBRID	60x 49x5	30
A4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BETA														
B1	L2000 N2000	(N) ERICSSON - JNR648 841_210	100°	87'2"	-	-	-	-	-	-	-	-	-	-
B5	L2000 N2000	(E) BSCCELLWAVE APPWARRD_L_COUNAND_210	100°	87'2"	1	TOWER	1	-	-	-	-	-	-	-
B2	-	-	-	-	-	TOWER	1	-	-	-	-	-	-	-
B3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GAMMA														
C1	L2000 N2000	(N) ERICSSON - JNR648 841_210	300°	87'2"	-	-	-	-	-	-	-	-	-	-
C2	L2000 N2000	(E) BSCCELLWAVE APPWARRD_L_COUNAND_210	300°	87'2"	1	TOWER	1	-	-	-	-	-	-	-
C3	-	-	-	-	-	TOWER	1	-	-	-	-	-	-	-
C4	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTE:
L=LOADING
N=NEW

1 FINAL EQUIPMENT SCHEDULE
SCALE: NOT TO SCALE

Date: March 30, 2022



Black & Veatch Corp.
11401 Lamar Avenue
Overland Park, KS 66211
(913) 458-6909

Subject: Structural Analysis Report

Carrier Designation: T-Mobile Co-Locate
Site Number: NM02104B

Crown Castle Designation: BU Number: 822193
Site Name: 4 Points Gin
JDE Job Number: 697134
Work Order Number: 2091766
Order Number: 596579 Rev. 2

Engineering Firm Designation: Black & Veatch Corp. Project Number: 406642

Site Data: 1974 N Union Avenue, Las Cruces, Dona Ana County, NM
Latitude 32° 15' 57.86", Longitude -106° 47' 7.52"
75 Foot - Monopole Tower

Black & Veatch Corp. is pleased to submit this "Structural Analysis Report" to determine the structural integrity of the above-mentioned tower.

The purpose of the analysis is to determine acceptability of the tower stress level. Based on our analysis we have determined the tower stress level for the structure and foundation, under the following load case, to be:

LC5: Proposed Equipment Configuration **Sufficient Capacity**

This analysis utilizes an ultimate 3-second gust wind speed of 115 mph as required by the 2015 New Mexico Commercial Building Code. Applicable Standard references and design criteria are listed in Section 2 - Analysis Criteria.

Structural analysis prepared by: Irin Weerasakwattana

Respectfully submitted by:

Ping Jiang, P.E.
Professional Engineer



03/30/2022

Digitally signed by Ping Jiang
Date: 2022.03.30 21:18:26-05'00'

1) INTRODUCTION

This tower is a 75 ft Monopole tower designed by Valmont.

2) ANALYSIS CRITERIA

TIA-222 Revision:	TIA-222-H
Risk Category:	II
Wind Speed:	115 mph
Exposure Category:	C
Topographic Factor:	1
Seismic Ss:	0.282
Seismic S1:	0.088
Service Wind Speed:	60 mph
Seismic Loading:	Does not control per engineering judgment

Table 1 - Proposed Equipment Configuration

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
68.0	68.0	1	cci tower mounts (v2.1)	T-Arm Mount [TA 601-3]	3	1-5/8
		1	cci tower mounts (v2.1)	Pipe Mount [PM 601-3]		
	67.0	3	ericsson	AIR6449 B41_T-MOBILE w/ Mount Pipe		
		3	ericsson	RADIO 4449 B71 B85A_T-MOBILE		
		3	ericsson	RADIO 4460 B2/B25 B66_TMO		
		3	rfs celwave	APXVAALL24_43-U-NA20_TMO w/ Mount Pipe		

Table 2 - Other Considered Equipment

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
75.0	80.0	1	decibel	DB809T6E-XC	1	1/4
	78.0	1	decibel	DB909XVTE-M	2	1/2
	77.0	1	gps	GPS_A		
59.0	59.0	1	cci tower mounts (v2.1)	Side Arm Mount [SO 102-3]	6	7/8
		3	kmw communications	HB-X-AW-19-65-00T-RET w/Mount Pipe		

4.1) Recommendations

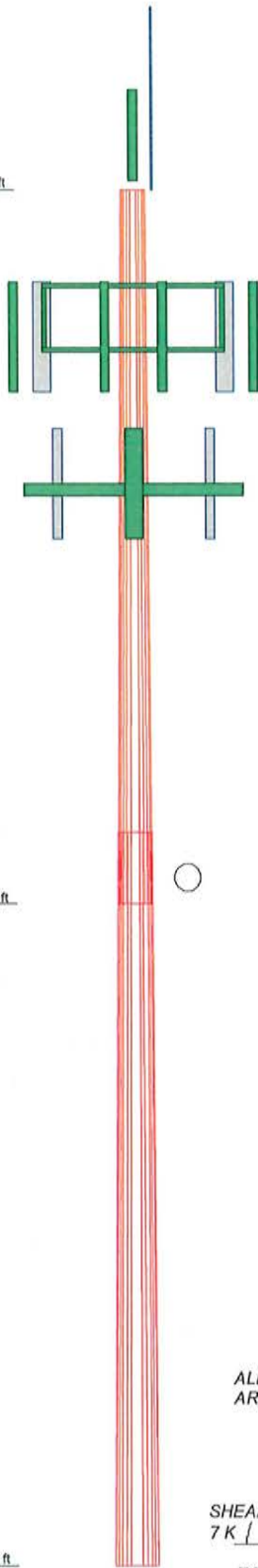
The tower and its foundation have sufficient capacity to carry the proposed load configuration. No modifications are required at this time.

Section	1	2	1.5
Length (ft)	38.92	40.00	1.5
Number of Sides	12	12	12
Thickness (in)	0.1875	0.2500	0.1875
Socket Length (ft)	3.92	20.9878	3.92
Top Dia (in)	15.7700	20.9878	15.7700
Bot Dia (in)	22.0000	27.4000	22.0000
Grade	A572-65	A572-65	A572-65
Weight (K)	1.5	2.6	4.1

75.0 ft

36.1 ft

0.0 ft



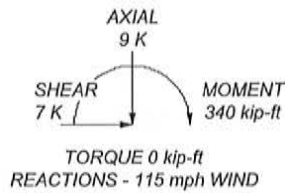
MATERIAL STRENGTH

GRADE	Fy	Fu	GRADE	Fy	Fu
A572-65	65 ksi	80 ksi			

TOWER DESIGN NOTES

1. Tower is located in Dona Ana County, New Mexico.
2. Tower designed for Exposure C to the TIA-222-H Standard.
3. Tower designed for a 115 mph basic wind in accordance with the TIA-222-H Standard.
4. Deflections are based upon a 60 mph wind.
5. Tower Risk Category II.
6. Topographic Category 1 with Crest Height of 0.00 ft
7. TOWER RATING: 40.9%

ALL REACTIONS
ARE FACTORED



 BLACK & VEATCH Building a world of difference.	Black & Veatch Corp. 11401 Lamar Avenue Overland Park, KS 66211 Phone: (913) 458-6909 FAX: (913) 458-6909		Job: 4 Points Gin (BU# 822193) Project: 406642 (822193.2091766) Client: Crown Castle
	Drawn by: Irin Weerasakwattana	App'd:	
	Code: TIA-222-H	Date: 03/30/22	Scale: NTS
	Path:	Dwg No. E-1	
	<small>© 2022 Black & Veatch. All rights reserved. TIA-222-H Rev. 03/30/22</small>		

Tapered Pole Properties

Section	Tip Dia. in	Area in ²	I in ⁴	r in	C in	I/C in ³	J in ⁴	I/Q in ²	w in	w/t
L1	16.2602	9.4079	291.5778	5.5785	8.1689	35.6938	590.8157	4.6303	3.7239	19.861
	22.7099	13.1693	799.7595	7.8089	11.3960	70.1790	1620.5296	6.4815	5.3935	28.765
L2	22.2995	16.7021	917.7141	7.4278	10.8769	84.3725	1859.5376	8.2203	4.9575	19.83
	28.2784	21.8558	2056.3230	9.7197	14.1932	144.8809	4166.6679	10.7567	6.6732	26.693

Tower Elevation	Gusset Area (per face)	Gusset Thickness	Gusset Grade	Adjust. Factor A _r	Adjust. Factor A _r	Weight Mult.	Double Angle Stitch Bolt Spacing Diagonals	Double Angle Stitch Bolt Spacing Horizontals	Double Angle Stitch Bolt Spacing Redundants
ft	ft ²	in					in	in	in
L1 75.00-36.08				1	1	1			
L2 36.08-0.00				1	1	1			

Feed Line/Linear Appurtenances - Entered As Round Or Flat

Description	Sector	Exclude From Torque Calculation	Component Type	Placement ft	Total Number	Number Per Row	Start/End Position	Width or Diameter r in	Perimeter r in	Weight plf
Safety Line 3/8	C	No	Surface Ar (CaAa)	0.00 - 0.00	1	1	0.000 0.013	0.3750		0.22

Feed Line/Linear Appurtenances - Entered As Area

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number		C _A A _A ft ² /ft	Weight plf
75									
LDF1-50A(1/4)	B	No	No	Inside Pole	75.00 - 0.00	1	No Ice	0.00	0.06
LDF4-50A(1/2)	B	No	No	Inside Pole	75.00 - 0.00	2	No Ice	0.00	0.15
68									
MLE Hybrid 9Power/18Fiber RL 2(1 5/8)	B	No	No	Inside Pole	68.00 - 0.00	1	No Ice	0.00	1.07
HB158-21U6S24-xxM_TMO(1-5/8)	C	No	No	Inside Pole	68.00 - 0.00	2	No Ice	0.00	2.50
59									
AVA5-50(7/8)	A	No	No	Inside Pole	59.00 - 0.00	6	No Ice	0.00	0.30

Feed Line/Linear Appurtenances Section Areas

Tower Section	Tower Elevation ft	Face	A _R ft ²	A _F ft ²	C _A A _A In Face ft ²	C _A A _A Out Face ft ²	Weight K
L1	75.00-36.08	A	0.000	0.000	0.000	0.000	0.04
		B	0.000	0.000	0.000	0.000	0.05
		C	0.000	0.000	0.000	0.000	0.16
L2	36.08-0.00	A	0.000	0.000	0.000	0.000	0.06
		B	0.000	0.000	0.000	0.000	0.05
		C	0.000	0.000	0.000	0.000	0.18

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C _A A _A Front ft ²	C _A A _A Side ft ²	Weight K
APXVAALL24_43-U-NA20_TMO w/ Mount Pipe	B	From Leg	4.00 0.00 -1.00	0.0000	68.00	No Ice	14.69	6.87	0.18
APXVAALL24_43-U-NA20_TMO w/ Mount Pipe	C	From Leg	4.00 0.00 -1.00	0.0000	68.00	No Ice	14.69	6.87	0.18
RADIO 4449 B71 B85A_T-MOBILE	A	From Leg	4.00 0.00 -1.00	0.0000	68.00	No Ice	1.97	1.59	0.07
RADIO 4449 B71 B85A_T-MOBILE	B	From Leg	4.00 0.00 -1.00	0.0000	68.00	No Ice	1.97	1.59	0.07
RADIO 4449 B71 B85A_T-MOBILE	C	From Leg	4.00 0.00 -1.00	0.0000	68.00	No Ice	1.97	1.59	0.07
RADIO 4460 B2/B25 B66_TMO	A	From Leg	4.00 0.00 -1.00	0.0000	68.00	No Ice	2.14	1.69	0.11
RADIO 4460 B2/B25 B66_TMO	B	From Leg	4.00 0.00 -1.00	0.0000	68.00	No Ice	2.14	1.69	0.11
RADIO 4460 B2/B25 B66_TMO	B	From Leg	4.00 0.00 -1.00	0.0000	68.00	No Ice	2.14	1.69	0.11
59 Side Arm Mount [SO 102-3]	C	None		0.0000	59.00	No Ice	3.60	3.60	0.07
HB-X-AW-19-65-00T-RET w/Mount Pipe	A	From Face	4.00 0.00 0.00	0.0000	59.00	No Ice	4.22	4.22	0.05
HB-X-AW-19-65-00T-RET w/Mount Pipe	B	From Face	4.00 0.00 0.00	0.0000	59.00	No Ice	4.22	4.22	0.05
HB-X-AW-19-65-00T-RET w/Mount Pipe	C	From Face	4.00 0.00 0.00	0.0000	59.00	No Ice	4.22	4.22	0.05

Load Combinations

Comb. No.	Description
1	Dead Only
2	1.2 Dead+1.0 Wind 0 deg - No Ice
3	0.9 Dead+1.0 Wind 0 deg - No Ice
4	1.2 Dead+1.0 Wind 30 deg - No Ice
5	0.9 Dead+1.0 Wind 30 deg - No Ice
6	1.2 Dead+1.0 Wind 60 deg - No Ice
7	0.9 Dead+1.0 Wind 60 deg - No Ice
8	1.2 Dead+1.0 Wind 90 deg - No Ice
9	0.9 Dead+1.0 Wind 90 deg - No Ice
10	1.2 Dead+1.0 Wind 120 deg - No Ice
11	0.9 Dead+1.0 Wind 120 deg - No Ice
12	1.2 Dead+1.0 Wind 150 deg - No Ice
13	0.9 Dead+1.0 Wind 150 deg - No Ice
14	1.2 Dead+1.0 Wind 180 deg - No Ice
15	0.9 Dead+1.0 Wind 180 deg - No Ice
16	1.2 Dead+1.0 Wind 210 deg - No Ice
17	0.9 Dead+1.0 Wind 210 deg - No Ice

Tower Mast Reaction Summary

Load Combination	Vertical K	Shear _x K	Shear _z K	Overturning Moment, M _x kip-ft	Overturning Moment, M _z kip-ft	Torque kip-ft
Dead Only	7.35	0.00	0.00	0.01	-0.94	0.00
1.2 Dead+1.0 Wind 0 deg - No Ice	8.82	-0.01	-6.68	-338.62	-0.41	0.47
0.9 Dead+1.0 Wind 0 deg - No Ice	6.62	-0.01	-6.68	-336.51	-0.12	0.47
1.2 Dead+1.0 Wind 30 deg - No Ice	8.82	3.33	-5.78	-292.88	-169.83	0.42
0.9 Dead+1.0 Wind 30 deg - No Ice	6.62	3.33	-5.78	-291.06	-168.48	0.42
1.2 Dead+1.0 Wind 60 deg - No Ice	8.82	5.78	-3.33	-168.66	-294.05	0.25
0.9 Dead+1.0 Wind 60 deg - No Ice	6.62	5.78	-3.33	-167.62	-291.92	0.25
1.2 Dead+1.0 Wind 90 deg - No Ice	8.82	6.68	0.01	0.75	-339.78	0.01
0.9 Dead+1.0 Wind 90 deg - No Ice	6.62	6.68	0.01	0.74	-337.37	0.01
1.2 Dead+1.0 Wind 120 deg - No Ice	8.82	5.79	3.35	169.97	-294.78	-0.22
0.9 Dead+1.0 Wind 120 deg - No Ice	6.62	5.79	3.35	168.91	-292.65	-0.22
1.2 Dead+1.0 Wind 150 deg - No Ice	8.82	3.35	5.79	293.65	-171.10	-0.40
0.9 Dead+1.0 Wind 150 deg - No Ice	6.62	3.35	5.79	291.81	-169.74	-0.40
1.2 Dead+1.0 Wind 180 deg - No Ice	8.82	0.01	6.68	338.65	-1.88	-0.47
0.9 Dead+1.0 Wind 180 deg - No Ice	6.62	0.01	6.68	336.53	-1.58	-0.47
1.2 Dead+1.0 Wind 210 deg - No Ice	8.82	-3.33	5.78	292.92	167.53	-0.42
0.9 Dead+1.0 Wind 210 deg - No Ice	6.62	-3.33	5.78	291.08	166.78	-0.42
1.2 Dead+1.0 Wind 240 deg - No Ice	8.82	-5.78	3.33	168.70	291.75	-0.25
0.9 Dead+1.0 Wind 240 deg - No Ice	6.62	-5.78	3.33	167.64	290.22	-0.25
1.2 Dead+1.0 Wind 270 deg - No Ice	8.82	-6.68	-0.01	-0.72	337.49	-0.01
0.9 Dead+1.0 Wind 270 deg - No Ice	6.62	-6.68	-0.01	-0.72	335.67	-0.01
1.2 Dead+1.0 Wind 300 deg - No Ice	8.82	-5.79	-3.35	-169.94	292.49	0.22
0.9 Dead+1.0 Wind 300 deg - No Ice	6.62	-5.79	-3.35	-168.88	290.95	0.22
1.2 Dead+1.0 Wind 330 deg - No Ice	8.82	-3.35	-5.79	-293.62	168.81	0.40
0.9 Dead+1.0 Wind 330 deg - No Ice	6.62	-3.35	-5.79	-291.79	168.04	0.40
Dead+Wind 0 deg - Service	7.35	-0.00	-1.72	-86.83	-0.76	0.12
Dead+Wind 30 deg - Service	7.35	0.86	-1.48	-75.10	-44.21	0.11
Dead+Wind 60 deg - Service	7.35	1.48	-0.86	-43.24	-76.06	0.07
Dead+Wind 90 deg - Service	7.35	1.72	0.00	0.20	-87.79	0.01
Dead+Wind 120 deg - Service	7.35	1.49	0.86	43.60	-76.25	-0.05
Dead+Wind 150 deg - Service	7.35	0.86	1.49	75.32	-44.53	-0.10
Dead+Wind 180 deg - Service	7.35	0.00	1.72	86.86	-1.14	-0.12
Dead+Wind 210 deg - Service	7.35	-0.86	1.48	75.13	42.31	-0.11
Dead+Wind 240 deg - Service	7.35	-1.48	0.86	43.27	74.16	-0.07
Dead+Wind 270 deg - Service	7.35	-1.72	-0.00	-0.17	85.89	-0.01
Dead+Wind 300 deg -	7.35	-1.49	-0.86	-43.57	74.35	0.05

12	Yes	4	0.00000001	0.00087510
13	Yes	4	0.00000001	0.00055892
14	Yes	4	0.00000001	0.00023043
15	Yes	4	0.00000001	0.00014851
16	Yes	4	0.00000001	0.00065744
17	Yes	4	0.00000001	0.00042127
18	Yes	4	0.00000001	0.00079663
19	Yes	4	0.00000001	0.00051219
20	Yes	4	0.00000001	0.00001627
21	Yes	4	0.00000001	0.00000001
22	Yes	4	0.00000001	0.00079892
23	Yes	4	0.00000001	0.00051323
24	Yes	4	0.00000001	0.00066953
25	Yes	4	0.00000001	0.00042872
26	Yes	4	0.00000001	0.00000001
27	Yes	4	0.00000001	0.00002475
28	Yes	4	0.00000001	0.00000001
29	Yes	4	0.00000001	0.00000001
30	Yes	4	0.00000001	0.00000001
31	Yes	4	0.00000001	0.00002401
32	Yes	4	0.00000001	0.00000001
33	Yes	4	0.00000001	0.00000001
34	Yes	4	0.00000001	0.00000001
35	Yes	4	0.00000001	0.00000001
36	Yes	4	0.00000001	0.00000001
37	Yes	4	0.00000001	0.00000001

Maximum Tower Deflections - Service Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	75 - 36.083	6.058	29	0.6268	0.0037
L2	40 - 0	1.929	30	0.4260	0.0012

Critical Deflections and Radius of Curvature - Service Wind

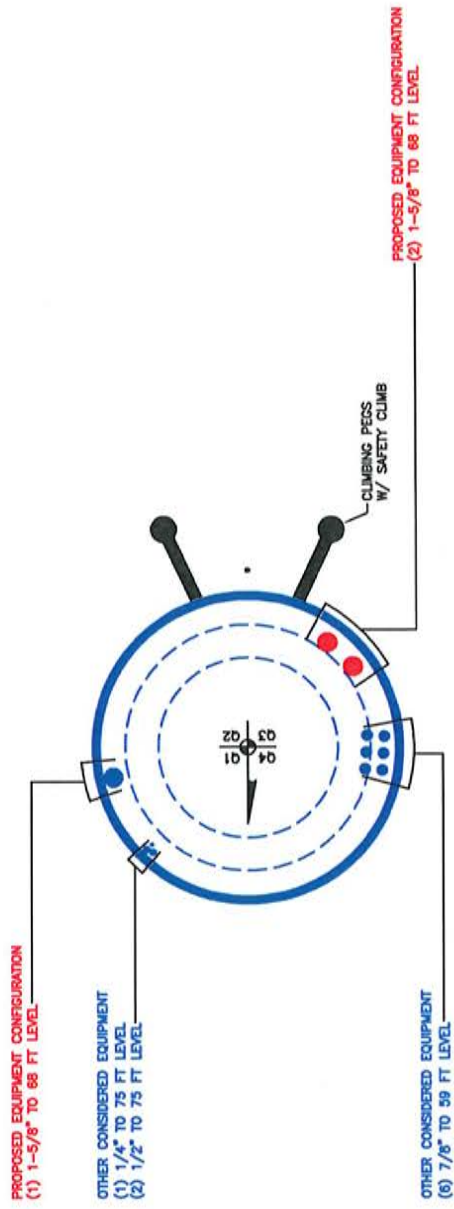
Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
77.50	Lightning Rod 5/8"x5'	29	6.058	0.6268	0.0037	30114
75.00	DB809T6E-XC	29	6.058	0.6268	0.0037	30114
68.00	T-Arm Mount [TA 601-3]	29	5.123	0.5943	0.0031	21510
59.00	Side Arm Mount [SO 102-3]	29	3.965	0.5495	0.0024	9410

Maximum Tower Deflections - Design Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	75 - 36.083	23.264	10	2.3850	0.0145
L2	40 - 0	7.458	10	1.6440	0.0047

Section Capacity Table

Section No.	Elevation ft	Component Type	Size	Critical Element	P K	ϕP_{allow} K	% Capacity	Pass Fail	
L1	75 - 36.083	Pole	TP22x15.77x0.1875	1	-4.94	785.67	30.0	Pass	
L2	36.083 - 0	Pole	TP27.4x20.9979x0.25	2	-8.82	1342.49	40.9	Pass	
							Summary		
							Pole (L2)	40.9	Pass
							RATING =	40.9	Pass



Monopole Base Plate Connection

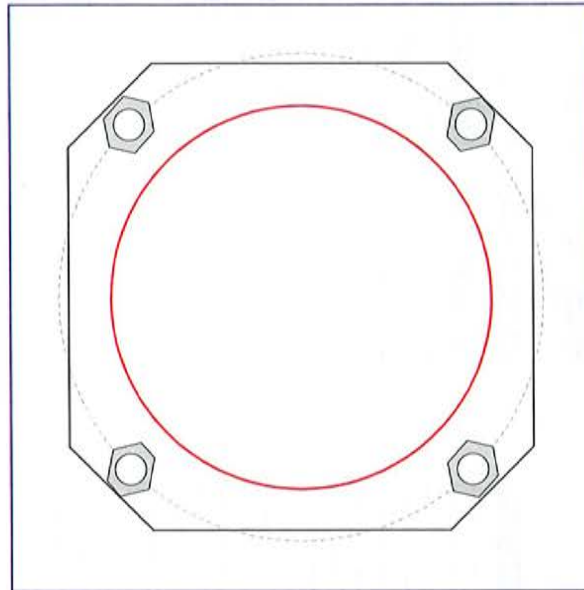


Site Info	
BU #	822193
Site Name	4 Points Gin
Order #	596579 Rev.2

Analysis Considerations	
TIA-222 Revision	H
Grout Considered:	Yes
l_{ar} (in)	2,5625

Applied Loads	
Moment (kip-ft)	340.27
Axial Force (kips)	8.82
Shear Force (kips)	6.69

*TIA-222-H Section 15.5 Applied



Connection Properties	Analysis Results
-----------------------	------------------

Anchor Rod Data	
(4) 2-1/4" ϕ bolts (A615-75 N; $F_y=75$ ksi, $F_u=100$ ksi) on 34.86" BC	
Base Plate Data	
33.4" W x 2.5" Plate (S-128; $F_y=60$ ksi, $F_u=80$ ksi); Clip: 6 in	
Stiffener Data	
N/A	
Pole Data	
27.4" x 0.25" 12-sided pole (A572-65; $F_y=65$ ksi, $F_u=80$ ksi)	

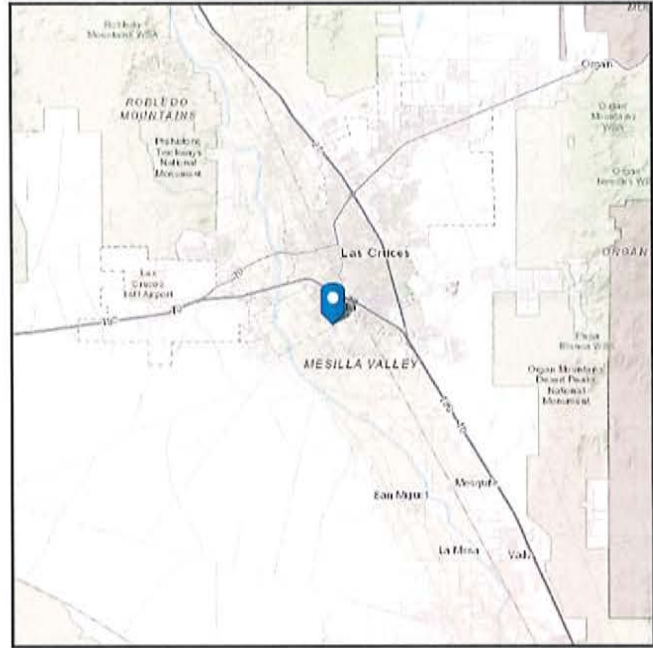
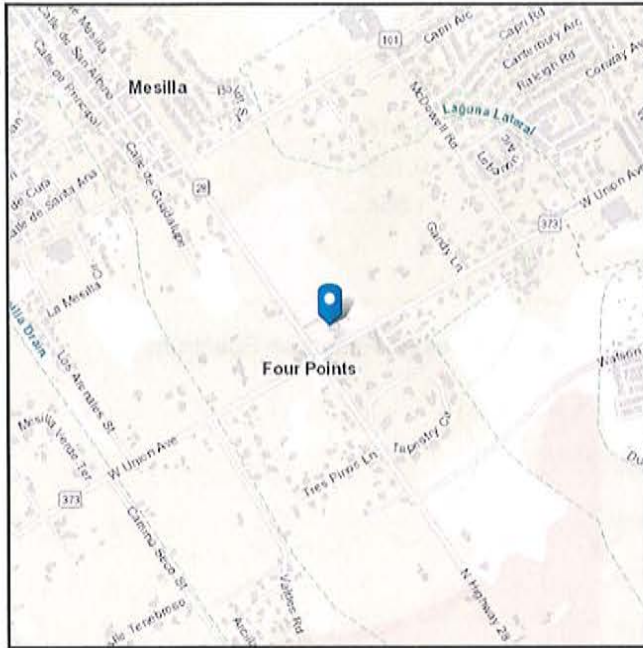
Anchor Rod Summary		<i>(units of kips, kip-in)</i>	
$P_{u,t} = 114.73$	$\phi P_{n,t} = 243.75$	Stress Rating	
$V_u = 1.67$	$\phi V_n = 149.1$	44.8%	
$M_u = n/a$	$\phi M_n = n/a$	Pass	
Base Plate Summary			
Max Stress (ksi):	14.34		(Flexural)
Allowable Stress (ksi):	54		
Stress Rating:	25.3%		Pass

ASCE 7 Hazards Report

Address:
No Address at This
Location

Standard: ASCE/SEI 7-10
Risk Category: II
Soil Class: D - Stiff Soil

Elevation: 3881.76 ft (NAVD 88)
Latitude: 32.266072
Longitude: -106.785422



Wind

Results:

Wind Speed	115 Vmph
10-year MRI	76 Vmph
25-year MRI	84 Vmph
50-year MRI	90 Vmph
100-year MRI	96 Vmph

Data Source: ASCE/SEI 7-10, Fig. 26.5-1A and Figs. CC-1–CC-4, and Section 26.5.2, incorporating errata of March 12, 2014

Date Accessed: Wed Mar 30 2022

Value provided is 3-second gust wind speeds at 33 ft above ground for Exposure C Category, based on linear interpolation between contours. Wind speeds are interpolated in accordance with the 7-10 Standard. Wind speeds correspond to approximately a 7% probability of exceedance in 50 years (annual exceedance probability = 0.00143, MRI = 700 years).

Site is not in a hurricane-prone region as defined in ASCE/SEI 7-10 Section 26.2.

Ice

Results:

Ice Thickness:	0 in.
Concurrent Temperature:	25 F
Gust Speed	30 mph

Data Source: Standard ASCE/SEI 7-10, Figs. 10-2 through 10-8

Date Accessed: Wed Mar 30 2022

Ice thicknesses on structures in exposed locations at elevations higher than the surrounding terrain and in valleys and gorges may exceed the mapped values.

Values provided are equivalent radial ice thicknesses due to freezing rain with concurrent 3-second gust speeds, for a 50-year mean recurrence interval, and temperatures concurrent with ice thicknesses due to freezing rain. Thicknesses for ice accretions caused by other sources shall be obtained from local meteorological studies. Ice thicknesses in exposed locations at elevations higher than the surrounding terrain and in valleys and gorges may exceed the mapped values.

The ASCE 7 Hazard Tool is provided for your convenience, for informational purposes only, and is provided "as is" and without warranties of any kind. The location data included herein has been obtained from information developed, produced, and maintained by third party providers; or has been extrapolated from maps incorporated in the ASCE 7 standard. While ASCE has made every effort to use data obtained from reliable sources or methodologies, ASCE does not make any representations or warranties as to the accuracy, completeness, reliability, currency, or quality of any data provided herein. Any third-party links provided by this Tool should not be construed as an endorsement, affiliation, relationship, or sponsorship of such third-party content by or from ASCE.

ASCE does not intend, nor should anyone interpret, the results provided by this Tool to replace the sound judgment of a competent professional, having knowledge and experience in the appropriate field(s) of practice, nor to substitute for the standard of care required of such professionals in interpreting and applying the contents of this Tool or the ASCE 7 standard.

In using this Tool, you expressly assume all risks associated with your use. Under no circumstances shall ASCE or its officers, directors, employees, members, affiliates, or agents be liable to you or any other person for any direct, indirect, special, incidental, or consequential damages arising from or related to your use of, or reliance on, the Tool or any information obtained therein. To the fullest extent permitted by law, you agree to release and hold harmless ASCE from any and all liability of any nature arising out of or resulting from any use of data provided by the ASCE 7 Hazard Tool.

March 22, 2022



Tower Engineering Professionals
326 Tryon Road
Raleigh, NC 27603
(919) 661-6351
CrownMA@tepgroup.net

Subject: Mount Analysis

Carrier Designation: T-Mobile Reconfiguration
Client Site Number: NM02104B
Client Site Name: Crown: 4 Points Gin (822193)

Crown Castle Designation: Crown Castle BU Number: 822193
Crown Castle Site Name: 4 Points Gin
Crown Castle JDE Job Number: 697134
Crown Castle Order Number: 596579 Rev. 0

Engineering Firm Designation: TEP Project Number: 304602.676522

Site Data: 1974 N Union Avenue, Las Cruces, Dona Ana County, NM 88005
Latitude 32° 15' 57.86", Longitude -106° 47' 07.52"

Structure Information: Tower Height & Type: 75.0 ± ft Monopole
Mount Elevation: 68.0 ft
Mount Width & Type: 8.0 ft T-Arm

Tower Engineering Professionals is pleased to submit this "Mount Analysis" to determine the structural integrity of T-Mobile's antenna mounting system with proposed appurtenance and equipment addition on the above mentioned supporting tower structure. Analysis of the existing supporting tower structure is to be completed by others and therefore is not part of this analysis. Analysis of the antenna mounting system as a tie-off point for fall protection or rigging is not part of this document.

The purpose of the analysis is to determine acceptability of the mount stress level. Based on our analysis, we have determined the mount stress level to be:

T-Arm Mount

Sufficient Capacity

This analysis utilizes an ultimate 3-second gust wind speed of 115 mph as required by the 2015 New Mexico Commercial Building Code. Applicable Standard references and design criteria are listed in Section 2 - Analysis Criteria.

Structural analysis prepared by: Austin J. Wilson

Respectfully submitted by:

Jordan W. Shelley, P.E.
Structural Division Manager
919-661-6351
jshelley@tepgroup.net



Electronic Copy 03/25/2022



200 Spectrum Center Dr,
Irvine, CA 92618

Phone:
www.crowncastle.com

Project Data Sheet	
Business Unit (BU)	822193
Application/Order Number	
Crown Castle Site Name	596579
Customer Site Number	
Site Address	1974 N UNION AVENUE
Site City, State, Zip	Las Cruces, NM 88005
Parcel Tax ID	
Applicant / Agent	by Crown Castle USA Inc.
Agent Address	200 Spectrum Center Dr,
Agent phone number	
Carrier	
Scope of work	Add or replace antennas, ancillary equipment and ground equipment as per plans for an existing carrier on an existing wireless communication facility.
Property Owner	JURADO, ARTURO & MARIA E
Property Owner Address	300 S MOTEL BLVD, Las Cruces, NM 88007
Structure Type	
Structure Height	FT
Antenna Equipment Height	
Size of Compound Sq. Ft.	sq ft
Latitude	° ' "
Longitude	° ' "
Zoning Jurisdiction	
Zoning Jurisdiction Address	, ,
Permitting Jurisdiction	
Permitting Jurisdiction Address	, ,



200 Spectrum Center Dr,
Irvine, CA 92618

Phone:
www.crowncastle.com

The proposed scope of work for this project includes:

Add or replace antennas, ancillary equipment and ground equipment as per plans for an existing carrier on an existing wireless communication facility.

At the end of this letter is a checklist of the applicable substantial change criteria under Section 6409. Additionally, please find enclosed the following information in support of this request:

- (1) TOWN OF MESILLA ZONING APPROVAL;
- (2) Construction Drawings;
- (3) Structural Analysis; and
- (4) Section 6409 Substantial Change Checklist.

As these documents indicate, (i) the modification involves the collocation, removal or replacement of transmission equipment; and (ii) such modification will not substantially change the physical dimensions of such tower or base station. As such, it is an “eligible facilities request” as defined in the FCC’s rules to which the 60-day deadline for approval applies. Accordingly, Applicant requests all authorization necessary for this proposed minor modification under Section 6409.

Our goal is to work with you to obtain approvals earlier than the deadline. We will respond promptly to any request for related information you may have in connection with this request. Please let us know how we can work with you to expedite the approval process. We look forward to working with you on this important project, which will improve wireless telecommunication services in your community using collocation on existing infrastructure. If you have any questions, please do not hesitate to contact me.

Regards,

Stephanie Wallace

Stephanie Wallace
Site Acquisition Specialist
Crown Castle
Agent for Applicant

Stephanie.Wallace.Contractor@crowncastle.com

BOARD ACTION FORM

AGENDA DATE

PZHAC: May 2, 2022,

BOT:

ITEM: PZHAC Case #061378 – 2A Stanford, submitted by Leopoldo Quintana, to permit a three rail ranch fence Zoned: **Rural Farm (RF)**.

BACKGROUND AND ANALYSIS: This case was reviewed by the Architectural Styles Committee (ASC) it was discussed that the fence is already up, the property is five acres the ranch fence is five feet six inches tall (5'6") and has setbacks twelve feet (12') on the backside, one foot (1') on the sides and forty feet (40') in front from the roadway. The property owner is aware of the double permit fee due to building with out a permit as per Town Code 15.15.040.D.2

IMPACT:

- The PZHAC has jurisdiction to recommend approval of the applicant's request for approval of this request to the BOT.
- The applicant has the authority to make an application request to the PZHAC and BOT.
- Due process was provided to the applicant.

Specific findings of fact:

- The proposed work is on applicant's property and not in Town of Mesilla right-of-way.

ALTERNATIVES:

The Planning, Zoning and Historical Appropriateness Commission (PZHAC) 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.

DEPARTMENT RECOMMENDATIONS:

SUPPORTING INFORMATION:

- Application
- Plans

TOWN OF MESILLA
ZONING APPROVAL

OFFICIAL USE ONLY:

Case # 061378

Fee \$ 244.00

Fee 210.00

Review 34.00

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. 061378 ZONE: RF CODE: AC APPLICATION DATE: _____

Leopoldo Quintana 575-556-4424
Name of Property Owner Property Owner's Telephone Number

1103 Juniper Ave Las Cruces NM 88001
Property Owner's Mailing Address City State Zip Code

Leo890254@gmail.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: 2A Stanford

Description of Proposed Work: 12' rear setback 1' side set backs 40' off front street
5'6" tall 3 Rail Ranch Fence 2 7/8" steel pipe 24" Post Footings

\$ 15K [Signature] 3-9-22
Estimated Cost Signature of Applicant 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 BOT Approved Date: _____
 Approved Date: _____ Disapproved Date: _____
 Disapproved Date: _____ Approved with Conditions
 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:
- 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.
 - Site Plan with dimensions and details.
 - Foundation plan with details.
 - Floor plan showing rooms, their uses and dimensions.
 - Cross section of walls
 - Roof and floor framing plan
 - Proof of legal access to the property.
 - Drainage plan.
 - Details of architectural style and color scheme (checklist included for Historical zones) – diagrams and elevations.
 - 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).
 - Proof of legal access to the property.
 - Other information as necessary or required by the City Code or Community Development Department (See other side.)

Stanford St.

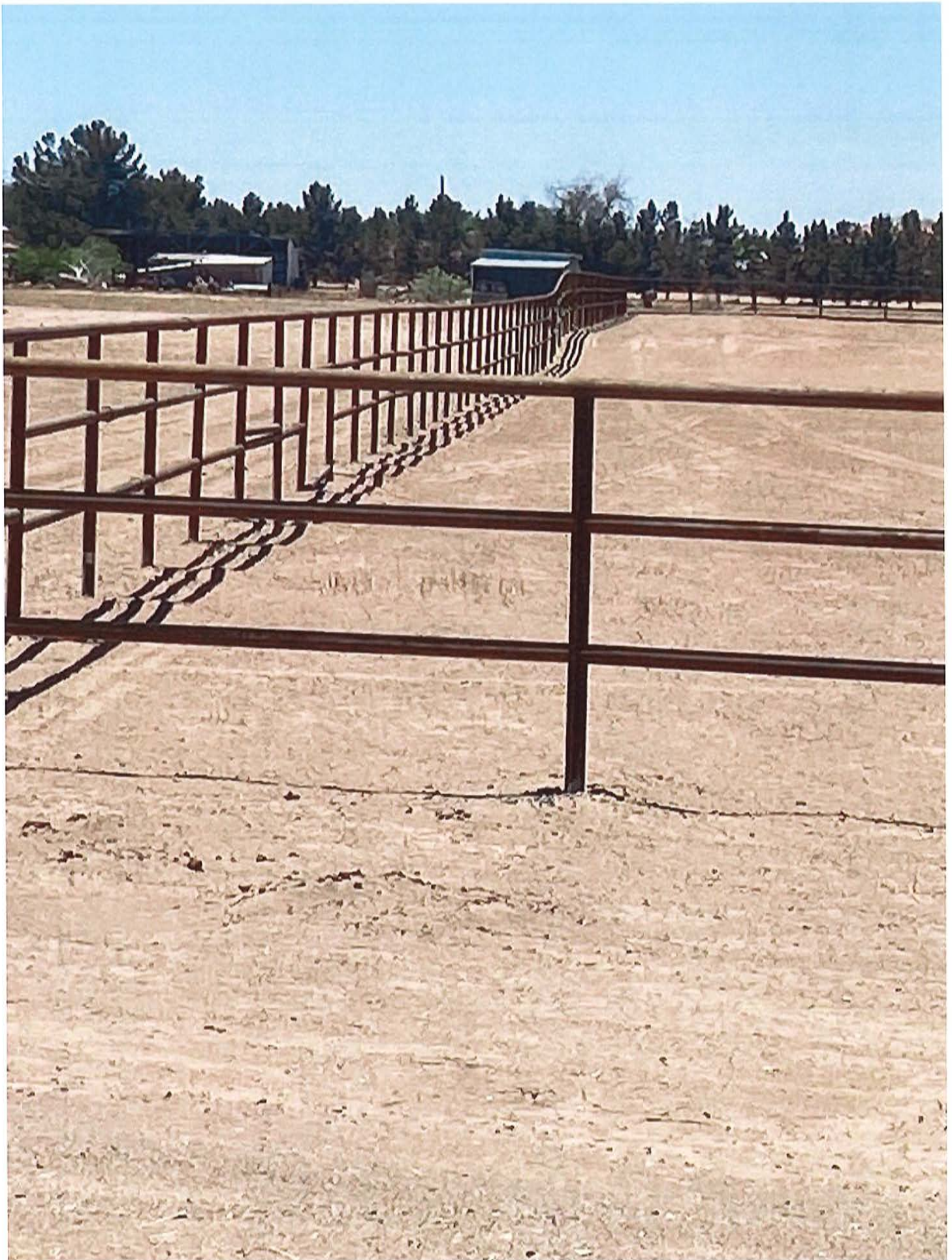
Layer Visibility:

- Roads
- City Limits
- MLS Zones
- Address Labels
- 2014 Aerial Photo
- Parcels



ACCOUNTNUMBER:	R0400805	PARCELNUMBER:	4007137260243
OWNERNAME:	QUINTANA LEOPOLDO A	MAILADDR1:	1103 JUNIPER AVE
CITY:	LAS CRUCES	STATE:	NM
ZIP:	88001	LOT:	2A
BLOCK:		SUBNAME:	RALEY ACRES REPLAT OF LOT 2 (BK 23 PG 135-136 - 1034492)
TRS:	23S 2E 30	SITUSADDRS:	STANDFORD ST
TOTALACRES:	5		







BOARD ACTION FORM

AGENDA DATE

PZHAC: May 2, 2022,

BOT:

ITEM: PZHAC Case #061377 – 2305 Calle de Colon, submitted by Gerard Nevarez to gutter system in front of house. **Zoned: Historical (HR)**

BACKGROUND AND ANALYSIS: This case was reviewed by the Architectural Styles Committee (ASC) proposed work involves connecting three roof canals with a down drain that ends in a rain barrel, like existing gutter system.

IMPACT:

- The PZHAC has jurisdiction to recommend approval of the applicant's request for approval of this request to the BOT.
- The applicant has the authority to make an application request to the PZHAC and BOT.
- Due process was provided to the applicant.

Specific findings of fact:

- The proposed work is on applicant's property and not in Town of Mesilla right-of-way.

ALTERNATIVES:

The Planning, Zoning and Historical Appropriateness Commission (PZHAC) 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.

DEPARTMENT RECOMMENDATIONS:

SUPPORTING INFORMATION:

- Application
- Plans

TOWN OF MESILLA
ZONING APPROVAL

OFFICIAL USE ONLY:

Case # 061377

Fee \$ 59.00

Fee \$50.00
Review \$9.00

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. 061377 ZONE: HR CODE: AC APPLICATION DATE: _____

Name of Property Owner Gerard Nevarez Property Owner's Telephone Number 575 642 3938

Property Owner's Mailing Address PO Box 1102 Mesilla NM 89046
City State Zip Code

Property Owner's E-mail Address MesillaJ3@aol.com

Contractor's Name & Address (if none, indicate Self) Quality Works 16501 Aldrich Rd LCNM 88011

Contractor's Telephone Number 575 636 3382 Contractor's Tax ID Number GB 98 #389021 Contractor's License Number _____

Address of Proposed Work: 2305 Calle de Colon, Mesilla

Description of Proposed Work: gutter installation in front of house - involves 3 cones - with a down drain + a rain barrel - same as existing gutter

Estimated Cost \$ 511.00 Signature of Applicant _____ Date 04.11.22

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 BOT Approved Date: _____
 Approved Date: _____ Disapproved Date: _____
 Disapproved Date: _____ Approved with Conditions
 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.)

2305 Calle Colon

Layer Visibility:

- Roads
- City Limits
- MLS Zones
- Address Labels
- 2014 Aerial Photo
- Parcels



ACCOUNTNUMBER:	R0400572	PARCELNUMBER:	4006138208035
OWNERNAME:	NEVAREZ GERARD R	MAILADDR1:	PO BOX 1102
CITY:	MESILLA	STATE:	NM
ZIP:	88046-1102	LOT:	
BLOCK:		SUBNAME:	
TRS:	23S 1E 36	SITUSADDRS:	2305 CALLE DE COLON
TOTALACRES:	0		



Image capture: Jul 2021 © 2022 Google

Mesilla, New Mexico

Google

Street View - Jul 2021



Existing gutter
front of house

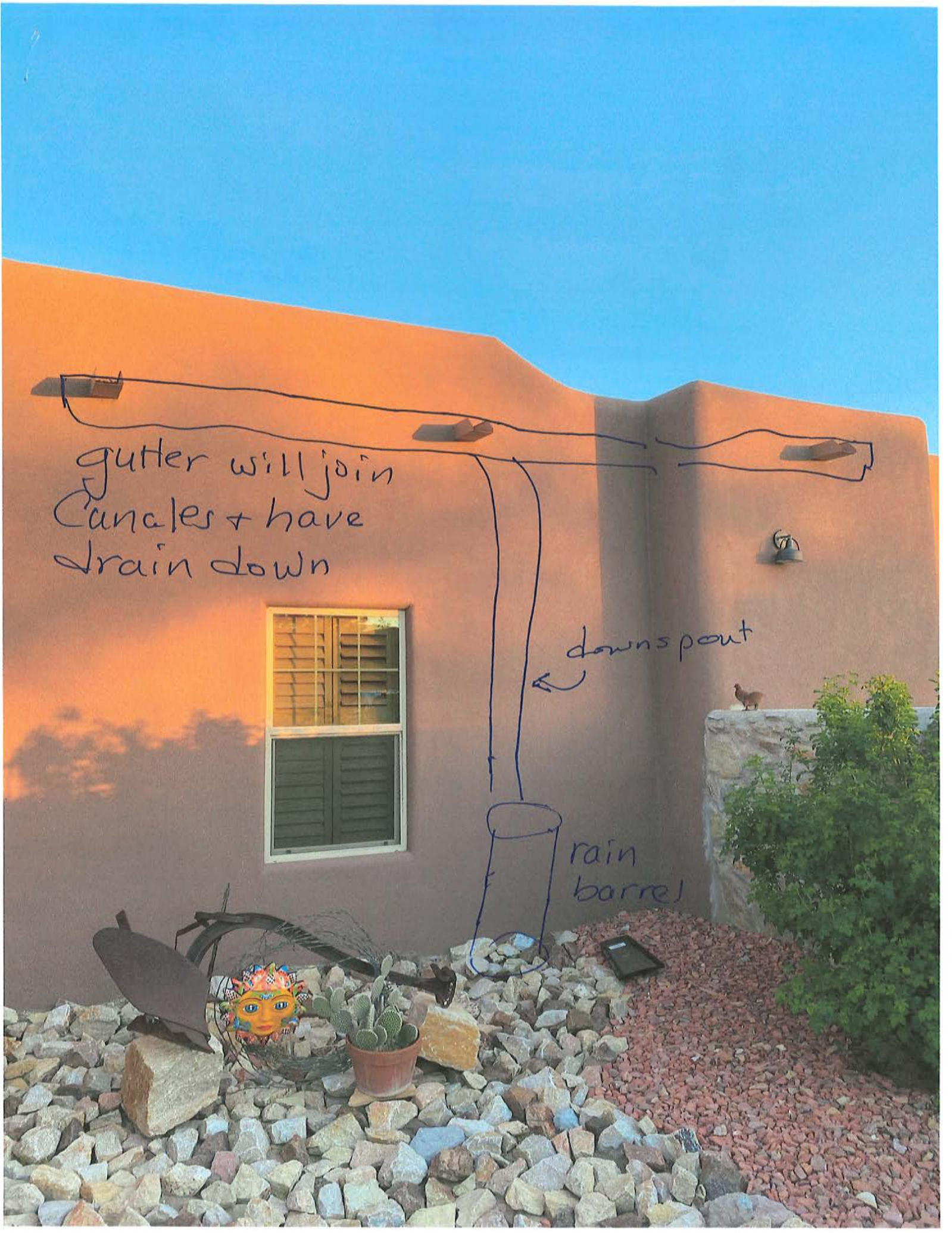
new gutters
will match
exactly +
no change in
color



gutter will join
Canales + have
drain down

downspout

rain
barrel



BOARD ACTION FORM

AGENDA DATE

PZHAC: May 2, 2022,

BOT:

ITEM: PZHAC Case #061379 – 201 Capri Rd. submitted by Murry Ray to replace existing fence with six-foot chain-link fence. **Zoned: R1**

BACKGROUND AND ANALYSIS: This case was reviewed by the Architectural Styles Committee (ASC) proposed work involves removing existing fence to the back of the property and replace with six-foot chain link fence applicant does have Right of Entry for neighbor where fence is being replaced.

IMPACT:

- The PZHAC has jurisdiction to recommend approval of the applicant's request for approval of this request to the BOT.
- The applicant has the authority to make an application request to the PZHAC and BOT.
- Due process was provided to the applicant.

Specific findings of fact:

- The proposed work is on applicant's property and not in Town of Mesilla right-of-way.

ALTERNATIVES:

The Planning, Zoning and Historical Appropriateness Commission (PZHAC) 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.

DEPARTMENT RECOMMENDATIONS:

SUPPORTING INFORMATION:

- Application
- Plans

TOWN OF MESILLA
ZONING APPROVAL

OFFICIAL USE ONLY:

Case # 061379

Fee \$ 86.00

Fee \$ 74.00
Review \$ 12.00

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. 061379 ZONE: R1 CODE: AC APPLICATION DATE: 4-19-22



Murray A. Ray 575-993-1274
 Name of Property Owner Property Owner's Telephone Number
201 Capri Road Las Cruces NM 88005
 Property Owner's Mailing Address City State Zip Code
tonyray198@gmail.com
 Property Owner's E-mail Address
ACADEMY FENCE CO 2820 Doña Ana Rd, LC, NM 88007
 Contractor's Name & Address (If none, indicate Self)
575-523-0779 9130
 Contractor's Telephone Number Contractor's Tax ID Number Contractor's License Number

Address of Proposed Work: 201 CAPRI Rd
 Description of Proposed Work: 6' Chainlink fence Along back of property

\$ 1700.00 Estimated Cost
M. Anthony Ray Signature of Applicant 18 APRIL 2022 Date
M. Anthony Ray 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: _____
 Approved Date: _____ Disapproved Date: _____
 Disapproved Date: _____ Approved with Conditions
 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.)

201 Capri Rd

Layer Visibility:

- Roads
- City Limits
- MLS Zones
- Address Labels
- 2014 Aerial Photo
- Parcels



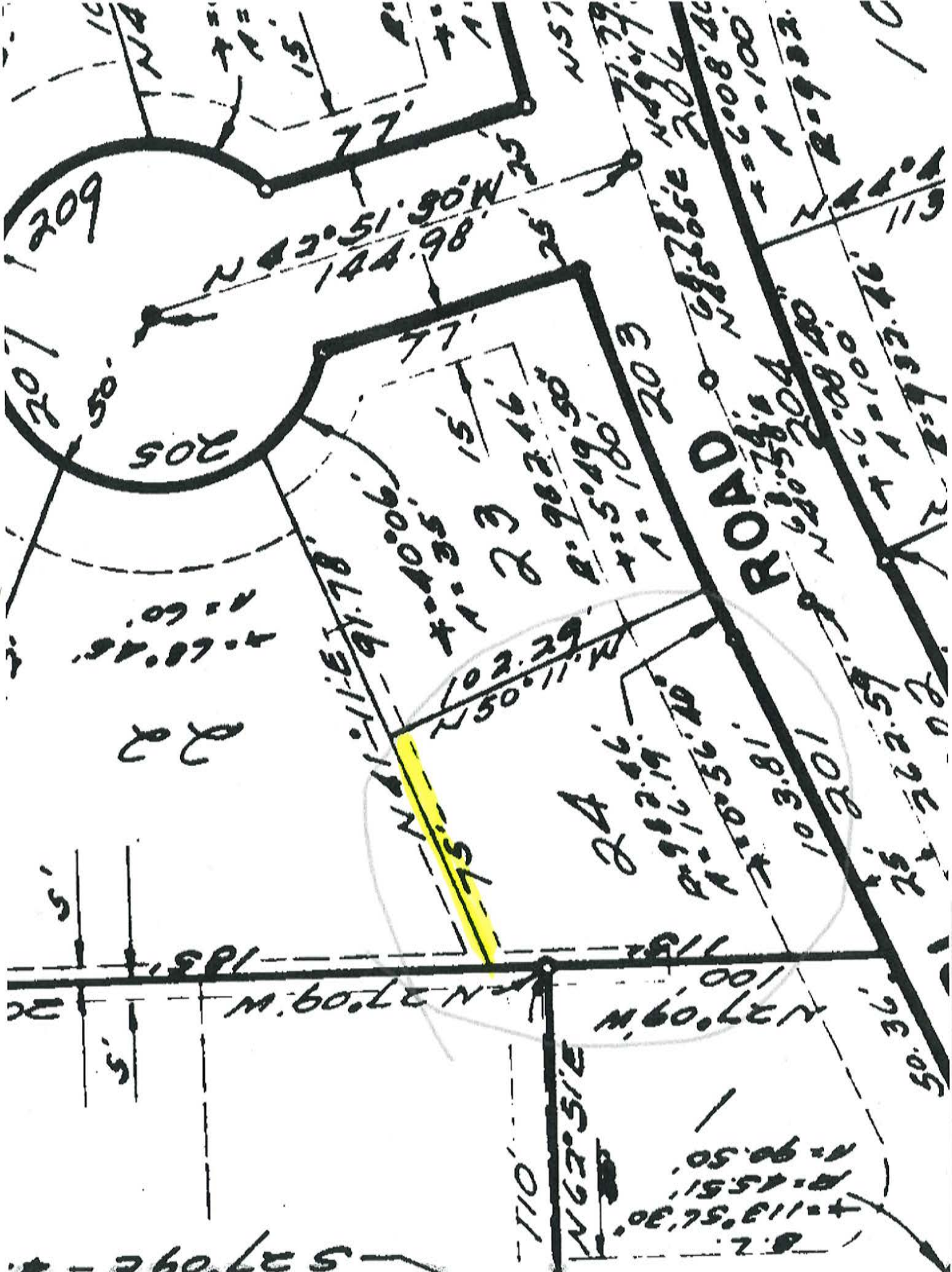
ACCOUNTNUMBER:	R0400764	PARCELNUMBER:	4007137179440
OWNERNAME:	RAY MURRAY A	MAILADDR1:	201 CAPRI RD
CITY:	LAS CRUCES	STATE:	NM
ZIP:	88005-3726	LOT:	24
BLOCK:	B	SUBNAME:	MESILLA PARK MANOR PLAT 3B 585
TRS:	23S 2E 30	SITUSADDRS:	201 CAPRI RD
TOTALACRES:	0		











209
N 43° 51' 30" W 144.98'
77'

205
30'
N 60° 45' E 102.46'
N 60° 45' E 102.46'

202
N 40° 06' E 191.78'
A = 35° 15'
B = 98° 24' 15"
C = 50° 19' 50"

203
N 88° 35' E 149.77'
N 20° 58' E 206'
N 40° 06' E 191.78'
N 40° 06' E 191.78'
N 40° 06' E 191.78'
N 40° 06' E 191.78'
N 40° 06' E 191.78'

ROAD
N 20° 58' E 206'
N 40° 06' E 191.78'
N 40° 06' E 191.78'

201
N 27° 09' W 100'
N 62° 51' E 110'
N 27° 09' W 100'

204
N 27° 09' W 100'
N 62° 51' E 110'
N 27° 09' W 100'

205
N 27° 09' W 100'
N 62° 51' E 110'
N 27° 09' W 100'

206
N 27° 09' W 100'
N 62° 51' E 110'
N 27° 09' W 100'

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): Murray A. Ray

Property Address: 201 Capri Road

Adjacent property address: 205 Capri Road

Adjacent property owner(s): Vicente and Judith

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 of a chain link fence and/or maintenance of the structure(s).

M. A. Ray
Applicant/Owner (original signature)

18 APR 22
Date

[Signature]
Adjacent Owner (original signature)

18 APR 22
Date

BOARD ACTION FORM

AGENDA DATE

PZHAC: May 2, 2022,

BOT:

ITEM: PZHAC Case #061380 – 2201 Calle Del Norte submitted by Juan Caro to construct a two-foot rock wall in front to increase in height towards back of property, **Zoned: Historical Residential (HR)**

BACKGROUND AND ANALYSIS: This case was reviewed by the Architectural Styles Committee (ASC) proposed work involves constructing a rock wall two-feet high and increasing the height towards the back of property. Two foot height is to accommodate the clear sight triangle on each corner of the property per Town Codes 18.60.340.D.

IMPACT:

- The PZHAC has jurisdiction to recommend approval of the applicant's request for approval of this request to the BOT.
- The applicant has the authority to make an application request to the PZHAC and BOT.
- Due process was provided to the applicant.

Specific findings of fact:

- The proposed work is on applicant's property and not in Town of Mesilla right-of-way.

ALTERNATIVES:

The Planning, Zoning and Historical Appropriateness Commission (PZHAC) 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.

DEPARTMENT RECOMMENDATIONS:

SUPPORTING INFORMATION:

- Application
- Plans

**TOWN OF MESILLA
ZONING APPROVAL**

OFFICIAL USE ONLY:
Case # 061380
Fee \$ 118.00
*Fee 100.00
Review 18.00*

**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. _____ ZONE: HR CODE: AC APPLICATION DATE: _____

Name of Property Owner: Juan D. Caro Property Owner's Telephone Number: (575) 642-7825

Property Owner's Mailing Address: 2101 Calle Del Norte City: Las Cruces State: NM Zip Code: 88005

Property Owner's E-mail Address: JDC 22 @ yahoo.com

Contractor's Name & Address (If none, indicate Self): VALLE HERMOSO CONST.

Contractor's Telephone Number: 575-639-2237 Contractor's Tax ID Number: 585-468075-46 Contractor's License Number: 376175-DB78

Address of Proposed Work: 2101 CALLE DEL NORTE

Description of Proposed Work: ROCKWALL 3' tall Gates, wrought, 3' Pillars for gates

Estimated Cost: \$ 4200-14,000 Signature of Applicant: Ruben Rangel Date: April 19 2020

Signature of property owner: Juan D. Caro

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: _____ **BOT** Approved Date: _____
 Approved Date: _____ Disapproved Date: _____
 Disapproved Date: _____ Approved with Conditions
 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.)

2101 Calle del Norte

Layer Visibility:

- Roads
- City Limits
- MLS Zones
- Address Labels
- 2014 Aerial Photo
- Parcels



ACCOUNTNUMBER:	R0400238	PARCELNUMBER:	4006137166383
OWNERNAME:	CARO JUAN D	MAILADDR1:	2101 CALLE DEL NORTE
CITY:	LAS CRUCES	STATE:	NM
ZIP:	88005	LOT:	
BLOCK:		SUBNAME:	
TRS:	23S 1E 25	SITUSADDRS:	2101 CALLE DEL NORTE
TOTALACRES:	0		



Image capture: Jun 2021 © 2022 Google

Las Cruces, New Mexico

Google

Street View - Jun 2021





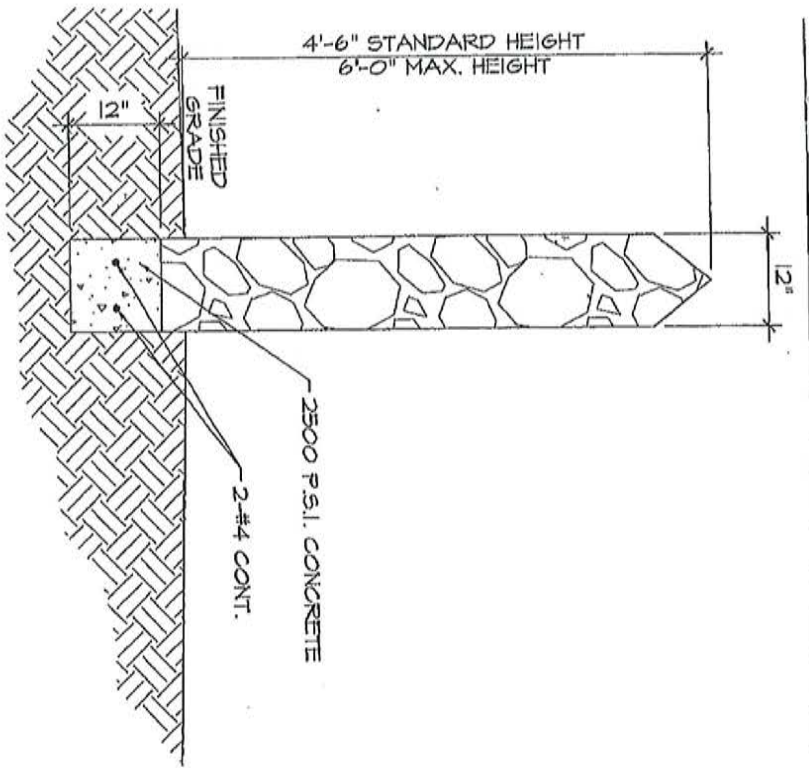
Image capture: Jun 2021 © 2022 Google

Las Cruces, New Mexico

Google

Street View - Jun 2021





GARDEN FENCE DETAIL

1. FOOTING

- 1.1 THE REQUIRED 28 DAY COMPRESSIVE STRENGTH OF CONCRETE SHALL BE 2500 P.S.I.
- 1.2 STEEL REINFORCEMENT SHALL NOT BE REQUIRED ON COHESIVENESS OR LOW PLASTICITY SOILS.
- 1.3 EXPANSIVE SOILS WITH A HIGH PLASTICITY INDEX AND A POTENTIAL FOR DETRIMENTAL SWELLING OR SHRINKAGE SHALL REQUIRE #4 @ 12" O.C. IN THE FOOTING

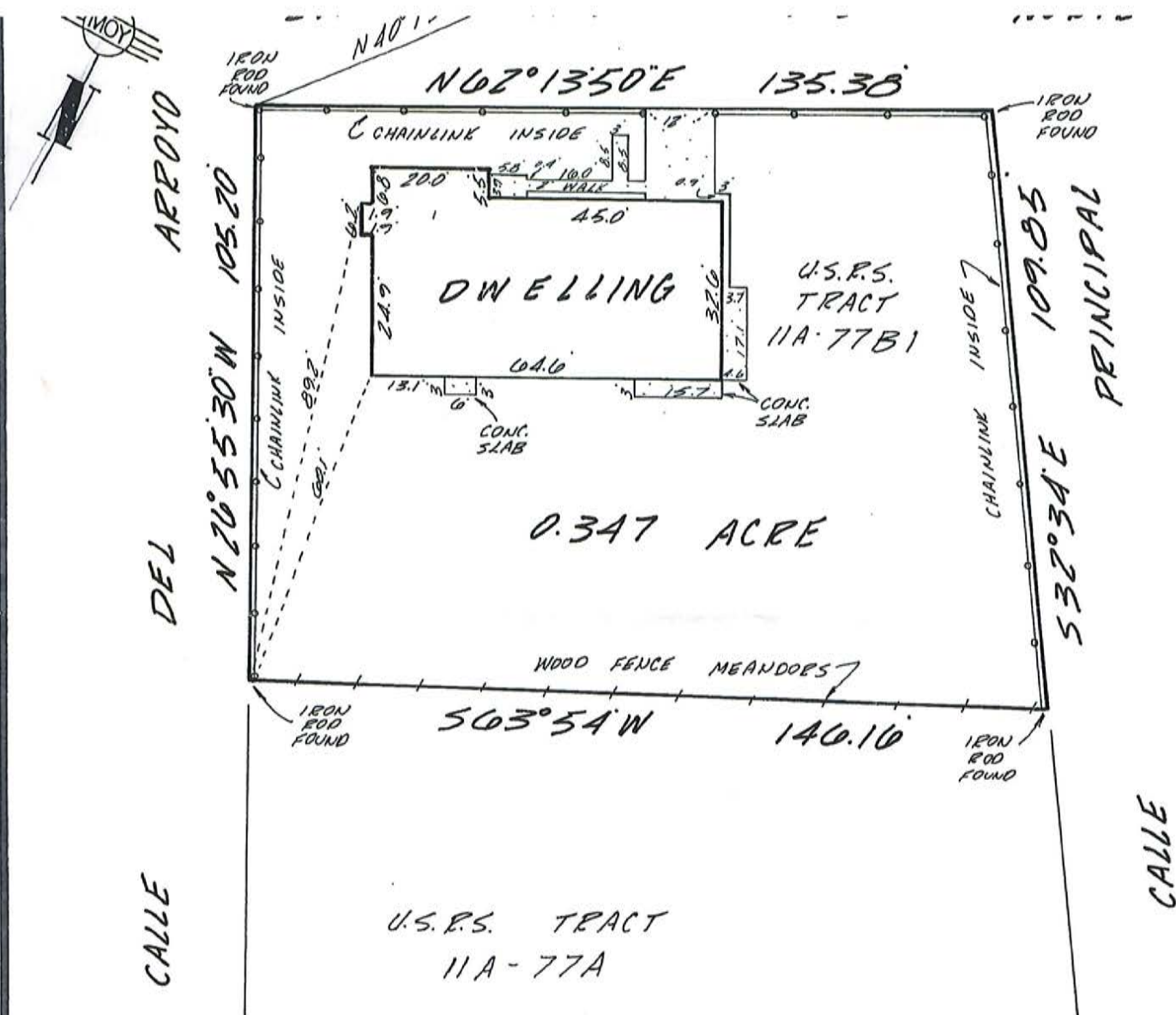
2. WALL

- 2.1 MORTAR SHALL BE TYPE "N" WITH A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 750 P.S.I.
- 2.2 MORTAR MIX PARAMETERS SHALL BE IN COMPLIANCE WITH ASTM-C270 REQUIREMENTS AND PROPORTION SPECIFICATIONS WHICH FOLLOWS:
PORTLAND CEMENT - 1 PART = 1 SACK / FT.
LIME - 1/2 PART = 4 SHOVELS / SK.
CLEAN SAND - 3 1/2 PARTS = 30 SHOVELS / SK.
- 2.3 ALL STONE SHALL BE NORMAL QUARRIER ROCK OF UNIFORM QUALITY.
- 2.4 NO VOIDS SHALL BE LEFT INSIDE WALL.

3. GENERAL

- 3.1 ALL CONSTRUCTION FOUND TO BE DEFECTIVE UPON INSPECTION BY THE ENGINEER SHALL BE DEMOLISHED AND REBUILT.
- 3.2 CRACKS ARE INHERENT MOVEMENT CHARACTERISTICS OF MATERIALS CAUSED BY VARIATIONS IN THE ENVIRONMENTAL CONDITIONS SUCH AS: THERMAL EXPANSION AND CONTRACTION, CHANGES IN MOISTURE CONTENT, DIFFERENTIAL MOVEMENT OF THE FOUNDATION SOIL, FROST ACTION, ETC. IT IS ALMOST INEVITABLE THAT CRACKS WILL RESULT, BUT THEY DO NOT NECESSARILY JEOPARDIZE THE STABILITY OF THE FENCE.
- 3.3 CORRECTIVE REPAIRS WILL NOT BE REQUIRED FOR MORTAR CRACKS HAVING A SEPARATION OF 1/4" OR LESS, UNLESS IT IS DETERMINED BY THE ENGINEER THAT THE INTEGRITY OF THE FENCE IS UNSAFE.
- 3.4 SEE GRADING PLAN FOR ENGINEERED RETAINING WALL DETAILS AND INFORMATION.

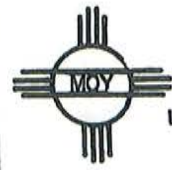
SCALE: N.T.S.



PLAT OF SURVEY
 SHOWING THE LOCATION OF IMPROVEMENTS
 ON A 0.347 ACRE TRACT
 AS U.S.R.S. TRACT 11A-77B1
 TOWN OF MESILLA,
 DONA ANA COUNTY, NEW MEXICO

I HEREBY CERTIFY THAT I AM A REGISTERED LAND SURVEYOR IN THE STATE OF NEW MEXICO AND THAT THIS PLAT WAS MADE BY ME OR UNDER MY SUPERVISION FROM THE NOTES OF AN ACTUAL FIELD SURVEY AND THAT IT MEETS MINIMUM STANDARDS FOR LAND SURVEYS AS SET FORTH BY THE NEW MEXICO BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS AND LAND SURVEYORS AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Jorge Moy
 JORGE MOY N.M.P.L.S. 5939

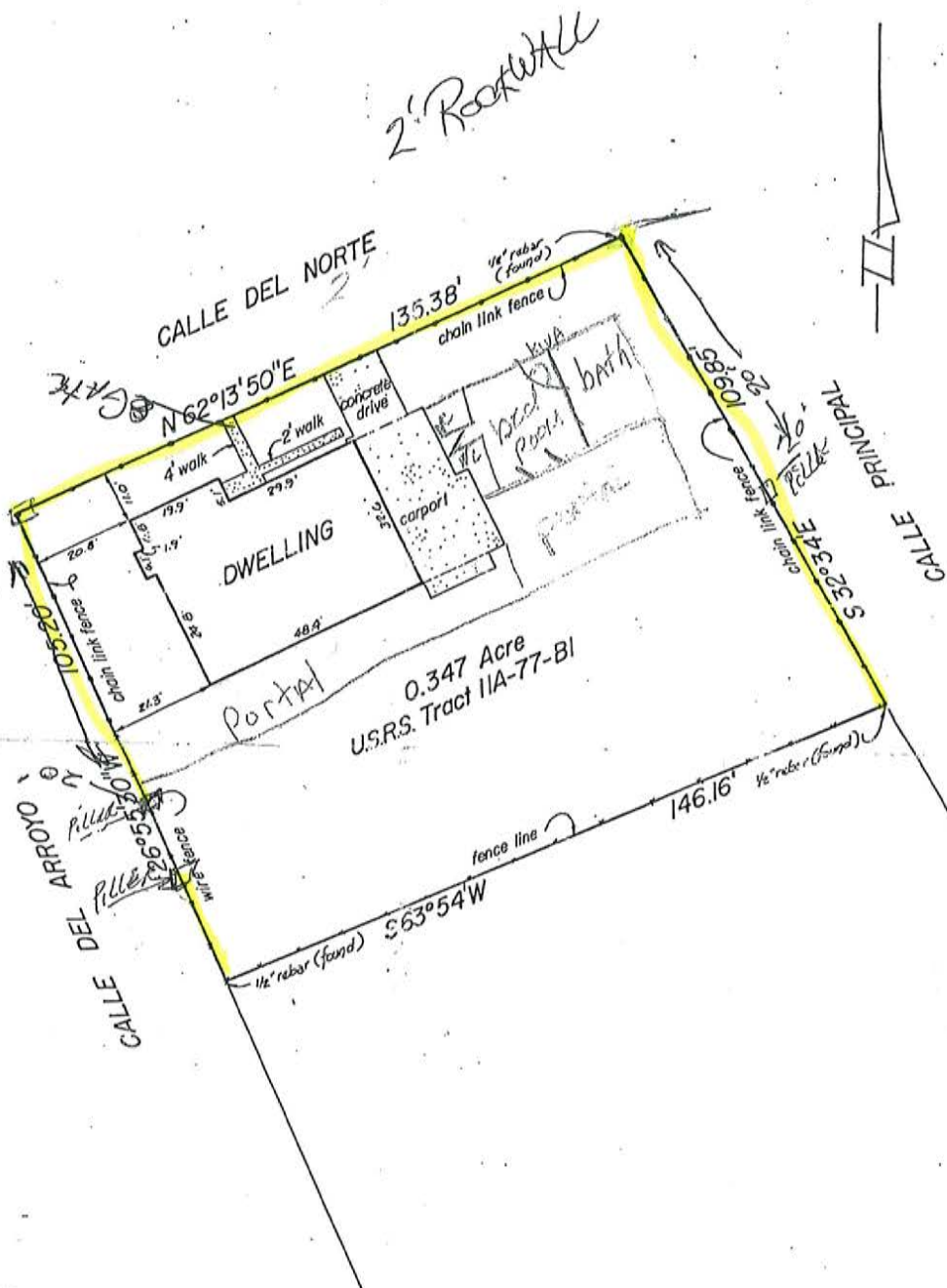


MOY SURVEYING CO.
 414 N. DOWNTOWN MALL
 LAS CRUCES, NEW MEXICO
 88001

PHONE: (505) 525-9683

JOB NO. 80-968
 DRAWN BY R.K. PROVENCIO
 FIELD BY KEN HOMER & DAVE
 DATE 10-1-80 SCALE: 1" = 30'

Ino Diego Cano 4/14/22



I hereby certify that I am a Registered Land Surveyor in the State of New Mexico and that this Plat was made by me or under my supervision from the notes of an actual field survey and that it is true and correct to the best of my knowledge and belief.

Gilbert Chavez
 GILBERT CHAVEZ N.M.P.L.S.: 6032

<p>PLAT OF SURVEY SHOWING LOCATION OF IMPROVEMENTS</p>	<p>THE CHAVEZ SURVEYING COMPANY 315 N. ALAMEDA BOULEVARD LAS CRUCES, NEW MEXICO</p>
<p>0.347 Acre Tract Being U.S.R.S. Tract 11A-77-B1 Lying within the limits of the Town of La Mesilla, Doña Ana County, New Mexico</p>	<p>Work Order No. 15-80-1100 Drawn by: G.C. Scale: 1" = 30' Field by: R.L.A. Date: Sept. 26, 1980 For: Las Cruces Abstract & Title</p>
<p>Warranty Deed (recaption # 6609) filed May 17, 1947 in Deed Record 115 page 389 of the records of Dona Ana County, New Mexico.</p>	

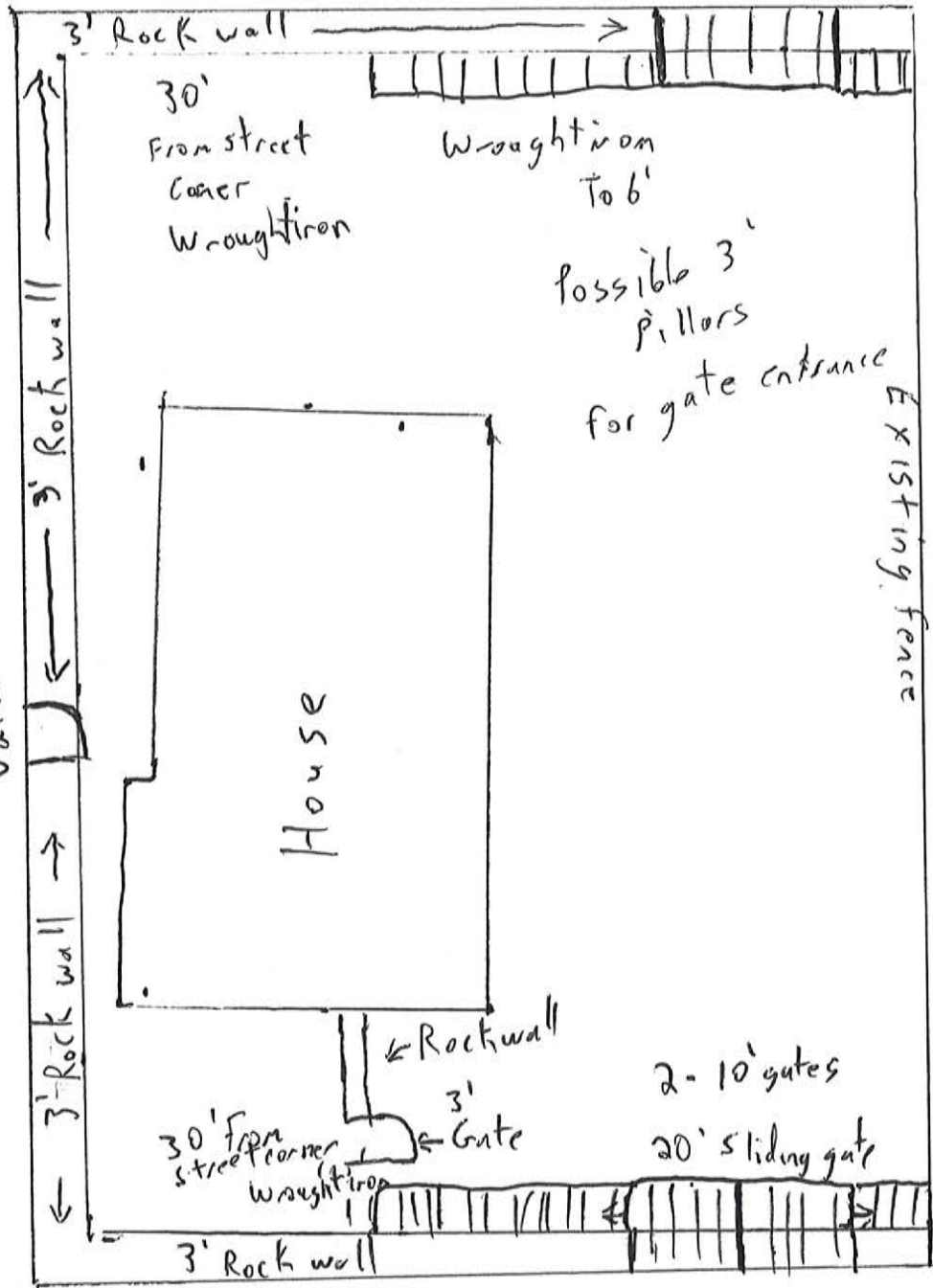
Calle De l Principal



10' sliding Gate Wrought iron

Calle Del Norte

Gate 3' wide



Calle de Arroyo

BOARD ACTION FORM

AGENDA DATE

PZHAC: May 2, 2022,

BOT:

ITEM: PZHAC Case #061376– Pappas Williamson seeking for a summary subdivision a Replat of U.S.R.S Tract 11A-199 & 11A – 198A within the Town of Mesilla, Dona Ana County, N.M. in section 25, T.23S R.1E of U.S.R.S. Surveys (2532 Calle De Norte), **Zoned: Historical Residential (HR)**

BACKGROUND AND ANALYSIS: Pappas Williamson Trust replat of 2532 Calle de Norte back section of the property to be split will be off Calle de Oeste this is the Preliminary Plat Procedure per Town Code 17.10.020

IMPACT:

- The PZHAC has jurisdiction to recommend approval of the applicant's request for approval of this request to the BOT.
- The applicant has the authority to make an application request to the PZHAC and BOT.
- Due process was provided to the applicant.

Specific findings of fact:

- The proposed work is on applicant's property and not in Town of Mesilla right-of-way.

ALTERNATIVES:

The Planning, Zoning and Historical Appropriateness Commission (PZHAC) 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.

DEPARTMENT RECOMMENDATIONS:

SUPPORTING INFORMATION:

- Application
- Plans



OFFICIAL USE ONLY:

Case # 061376

Fee \$ 150.00

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

Preliminary Plat Summary Subdivision Final Plat Vacation of Lot Line

Name of Applicant: Sylvia Williamson (Trustee) Applicant's Telephone/Cell Number: 505-660-3321

Mailing Address: 1329 Cordova Ave. NW City: Albuquerque State: NM Zip Code: 87107

Owner of Record: Address: Helen Williamson Revocable Living Trust City: Albuquerque State: NM Zip Code: 87107

Name of Engineer: _____ License # of Engineer: _____ Address: _____ Telephone/Cell Number: _____

Name of Architect: GILBERT CURVEZ License # of Architect: AMP 10832 Address: PO. BOX 882, MESILLA NM 88046 Telephone/Cell Number: 575-649-7605

Subdivision Name: Pappas-Williamson Subdivision Location: 2532 Calle del Norte

Total Acreage: _____ Number of Lots: _____
 Acreage of Largest Lot: _____ Acreage of Smallest Lot: _____
 Legal Description: _____

Tax Map Property Code (s) R-0400177 Jacob's Map # 4.006-137-040-495
 A ZONE CHANGE, VARIANCE, EXEMPTION, OR SPECIAL PERMIT IS ALSO BEING REQUESTED WITH THIS PROPERTY.
 EXPLAIN: _____

By signing this application, you hereby acknowledge that ALL the information submitted on and with this application is true and correct to the best of your knowledge and that all provisions of the Town of Mesilla shall be met. No application will be accepted without the original signature of the owner(s) of record of the described property. If more than one owner, ALL owners must sign the application. (Attached an additional sheet if necessary).

Owner(s): Sylvia Williamson (Formerly H. Williamson) Trustee of the Helen Williamson Revocable Living Trust Date: 3-31-2022

Applicant(s) (if different than owner): _____ Date: _____

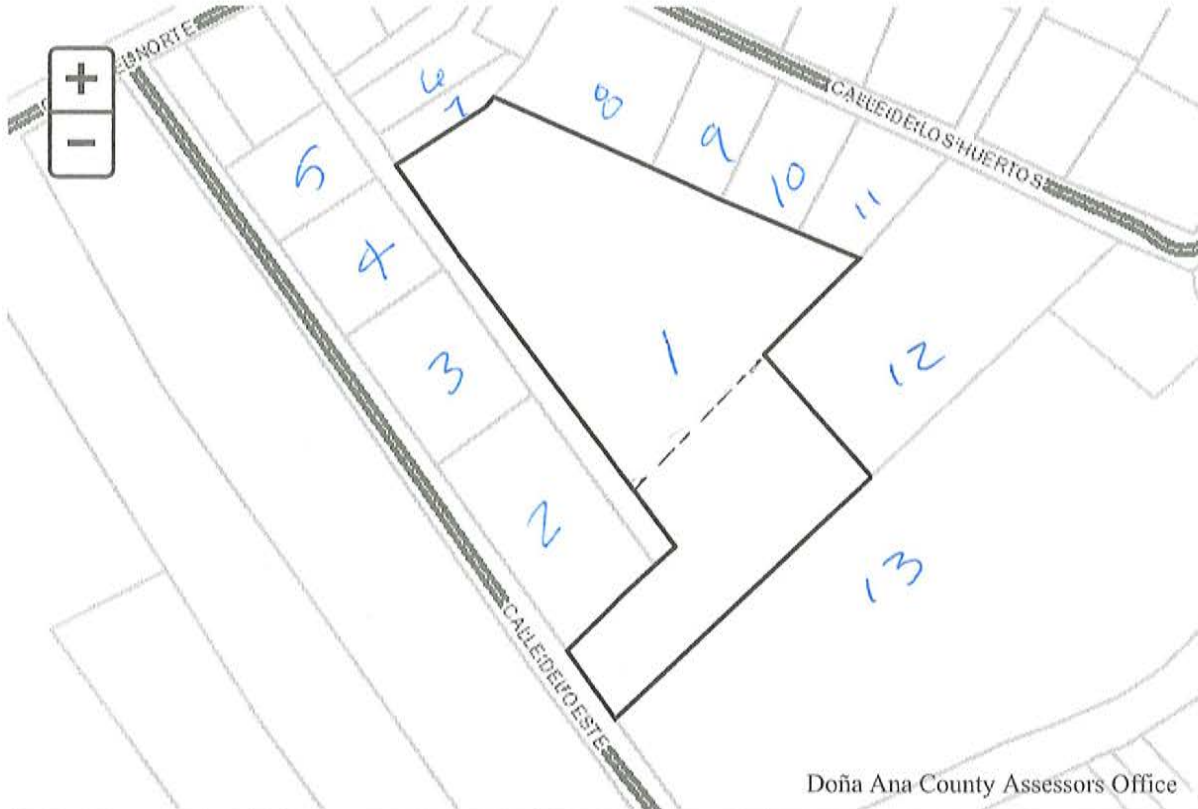
FOR OFFICIAL USE ONLY

PZHAC Administrative Approval BOT Approved Date: _____
 Approved Date: _____ Disapproved Date: _____
 Disapproved Date: _____ Approved with Conditions
 Approved with conditions

CONDITIONS: _____

Layer Visibility:

- Roads
- City Limits
- MLS Zones
- Address Labels
- 2014 Aerial Photo
- Parcels



Doña Ana County Assessors Office

ACCOUNTNUMBER:	R0400177	PARCELNUMBER:	4006137040495
OWNERNAME:	WILLIAMSON HELEN PAPPAS	MAILADDR1:	PO BOX 613
CITY:	MESILLA	STATE:	NM
ZIP:	88046-0613	LOT:	
BLOCK:		SUBNAME:	
TRS:	23S 1E 25	SITUSADDRS:	2532 CALLE DEL NORTE
TOTALACRES:	3.45		

PLAT OF SURVEY OF
 A 3.75 ACRE TRACT
 U. S. R. S. TRACT 11A-199
 PROPERTY OF ERNEST PAPPAS
 MESSILIA, DOMA ANA COUNTY, N. M.

JULY 24, 1963
 REVISED Sept. 17, 1963

