

CITY OF ALBUQUERQUE NEW MEXICO PLANNING DEPARTMENT BLDG AND DEVELOPMENT SERVICES

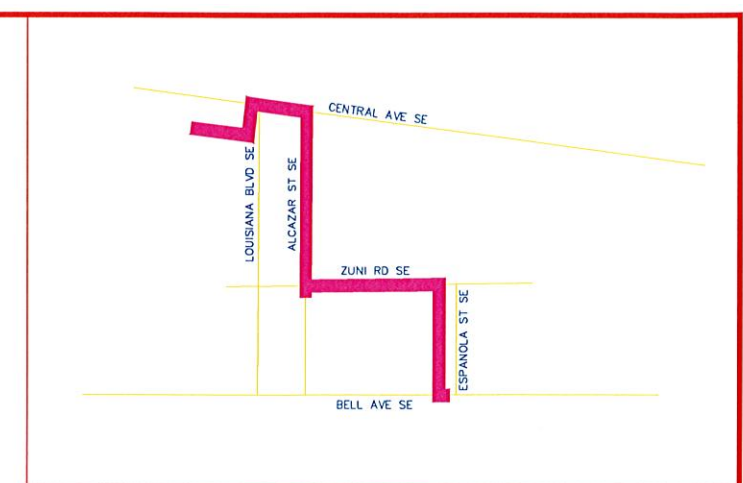
MONUMENT ID:

LOCATION: INTERSECTION OF CENTRAL AVE AND LOUISIANA BLVD
(SEE SHEET C4)

FOUND MONUMENT "7_K19"
A CITY OF ALBUQUERQUE BRASS CAP

X = 1545165.94
Y = 1483044.08
ELEVATION IS 5325.987 (NAVD 1988)

APPROVED RECORD DRAWINGS	
City Inspector	Arlene Sandoval
Contractor	JC Communications
Construction Engineer	Muhammed Adeeb
Date	9/11/2019



VICINITY MAP

ZONE ATLAS MAP L-19
NTS



10-09-18

PROJECT NAME: CROWN CASTLE NMO1019P
ALCAZAR

PROJECT STARTS NEAR CENTRAL AVE SE
AND LOUISIANA BLVD SE TO BELL AVE SE
AND ESPANOLA ST SE
PROJECT #722584

I, Daniel Guran of Crown Castle, A LICENSED PROFESSIONAL ENGINEER IN
ENGINEER'S NAME , COMPANY NAME
THE STATE OF NEW MEXICO, DO HEREBY CERTIFY, TO THE BEST OF MY KNOWLEDGE
AND BELIEF, THAT THE INFRASTRUCTURE INSTALLED AS A PART OF THIS PROJECT HAS
BEEN INSPECTED BY ME OR BY A QUALIFIED PERSON AND HAS BEEN CONSTRUCTED IN
ACCORDANCE WITH THE PLANS AND SPECIFICATIONS APPROVED BY THE CITY ENGINEER
AND THAT THE ORIGINAL DESIGN INTENT OF THE APPROVED PLANS HAS BEEN MET,
EXCEPT AS NOTED ON THE RECORD DRAWINGS. THIS CERTIFICATION IS BASED ON THE
INSPECTIONS CONDUCTED AND AS-BUILT SURVEY PERFORMED BY CCIC,
ON August 29, 2019 DATE SURVEYING COMPANY



ENGINEER STAMP & SIGNATURE	APPROVALS	ENGINEER	DATE	*****
	DRC CHAIRPERSON			APPROVED FOR CONSTRUCTION
	TRANSPORTATION			
	WATER/WASTEWATER			
	HYDROLOGY			
	PARKS			
	CONST. MGMT.			CITY ENGINEER DATE
	CONST. COORD.			
	CITY PROJECT NO.	722584		SHEET COVER

PROJECT NAME
PROJECT NUMBER
PROJECT LIMITS
SUBMITAL NUMBER

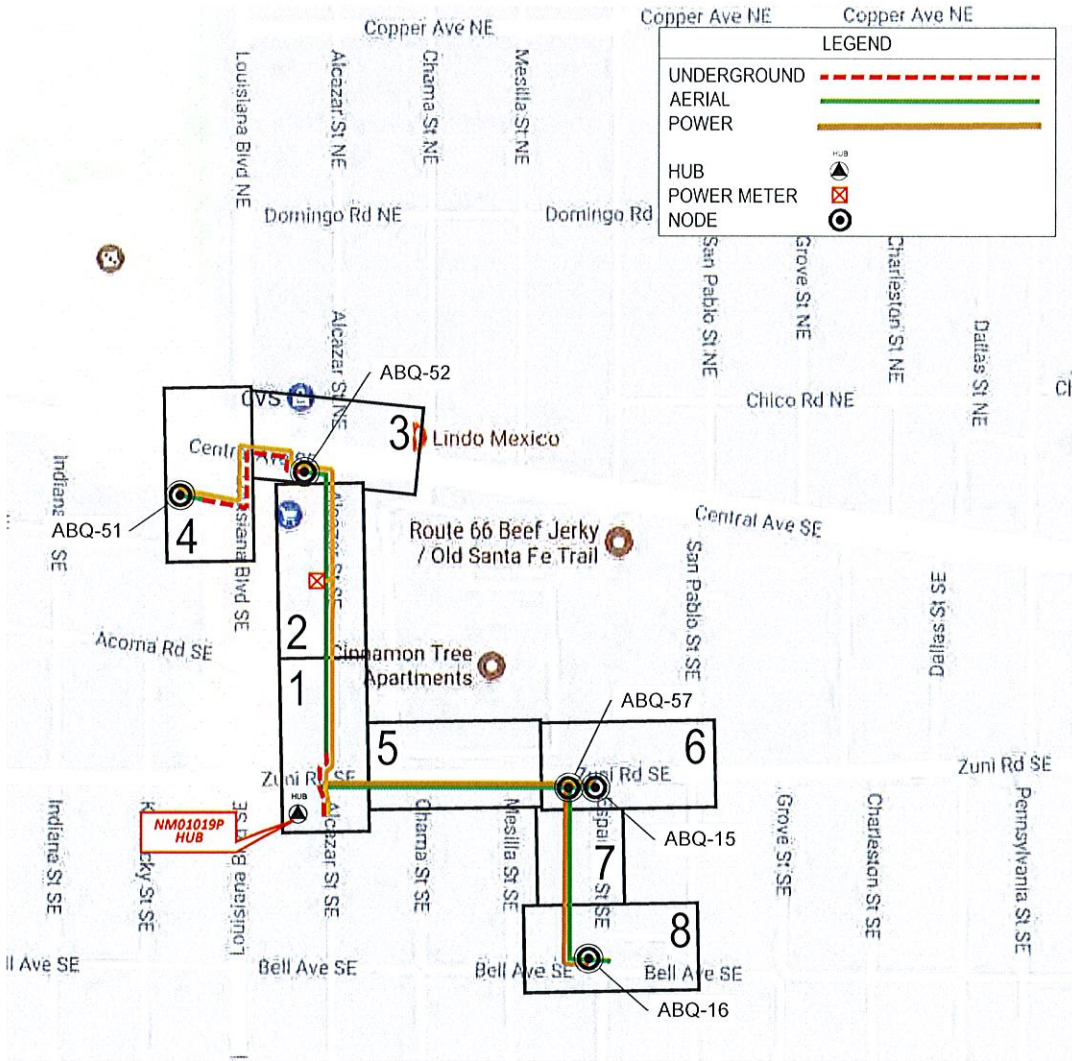


BU NUMBER: 919467
JDE NUMBER: 457573
MONUMENT ID: 7_K19

PROJECT NAME:
NM01019P
ALBUQUERQUE, NM
BERNALILLO COUNTY

CONTACT INFORMATION		
CROWN CASTLE:	CONTRACTOR:	ENGINEERING FIRM:
NG WEST, LLC (CROWN CASTLE)	TBD	WYCO FIELD SERVICES, LLC
DAVID BREINHOLT FIBER ENGINEER (808) 864-4288 david.breinholt@crowncastle.com		GARY WALLENBERG CLIENT ACCOUNT MGR (480) 245-8205 gwallenberg@wycofs.com
RICHARD ALGERIA PROGRAM MANAGER (602) 576-0951 richard.algeria@crowncastle.com		GIL TSOSIE QUALITY CONTROL LEAD (505) 215-5855 gtsosie@wycofs.com

DRAWING INDEX	
T1	TITLE SHEET/VICINITY MAP
GN1	GENERAL NOTES
L1	LEGEND
D1 thru D5	TYPICAL DETAILS
C1 thru C8	CONSTRUCTION SHEETS



THIS PROJECT REQUIRES:		
UNIT DESCRIPTION	UNIT	QTY.
PL. (N) 288 CNT FOC W/ 10M STRAND	L. FT.	2831
PL. (N) 288 CNT FOC SLACK LOOP	L. FT.	600
PL. (N) 48 CNT FOC W/ 10M STRAND	L. FT.	0
PL. (N) 48 CNT FOC SLACK LOOP	L. FT.	0
PL. (N) 1 SC/APC TO LC/UPC SINGLE FIBER JUMPER	EACH	5
PL. (N) 25X COPPER	L. FT.	2831
PL. (N) 25X COPPER SLACK LOOP	L. FT.	50
PL. (N) 10M STRAND OVERHEAD GUY	L. FT.	637
PL. (N) MID SPAN STORAGE ASSEMBLY	EACH	0
PL. (N) 2" RISER	EACH	4
PL. (N) DOWN GUY AND ANCHOR	EACH	10
PL. (N) SIDEWALK DOWN GUY W/ ANCHOR	EACH	0
PL. (N) SPLICE CASE	EACH	6
UNIT DESCRIPTION	UNIT	QTY.
BORE & PL. (N) (3) - 1 1/4" HDPE CONDUITS	L. FT.	628
BORE & PL. (N) (1) - 25X COPPER	L. FT.	628
TRENCH & PL. (N) (3) - 1 1/4" HDPE CONDUITS	L. FT.	118
TRENCH & PL. (N) (1) - 25X COPPER	L. FT.	137
BORE & PL. (N) (1) - 2" HDPE CONDUIT	L. FT.	81
TRENCH & PL. (N) (1) - 2" HDPE CONDUIT	L. FT.	42
PL. (N) 288 CNT FOC	L. FT.	869
PL. (N) 288 CNT FOC SLACK LOOP	L. FT.	400
PL. (N) 48 CNT FOC	L. FT.	0
PL. (N) 48 CNT FOC SLACK LOOP	L. FT.	100
PL. (N) 25X COPPER	L. FT.	869
PL. (N) 25X COPPER SLACK LOOP	L. FT.	0
PL. (N) 30" X 48" X 30" HANDHOLE	EACH	4
PL. (N) 5/8" X 8' GROUND ROD	EACH	4
PL. (N) #14 AWG LOCATE WIRE	L. FT.	765
PL. (N) 4' X 4' BORE PIT	EACH	5
LANDSCAPE RESTORATION	S.F.	90
CONCRETE RESTORATION	S.F.	16
ASPHALT RESTORATION	S.F.	32

CPN 722584



DRAWING DISCLAIMER
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CAUTION
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PROJECT NAME:
NM01019P
CITY OF ALBUQUERQUE
ALBUQUERQUE, NM
BERNALILLO COUNTY

PREPARED BY:



REV. #	DESCRIPTION	BY	DATE
5	CC REDLINES 8-13-18	LR	8-13-18
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7	CC REDLINES 8-29-18	TH	8-29-18
8	D8 REDLINES 9-26-18	LR	9-26-18
9	D8 REDLINES 10-09-18	LR	10-09-18

TITLE
SHEET

STATE: NEW MEXICO

COUNTY: BERNALILLO

CITY: ALBUQUERQUE

DRAWN BY: GT
SHEET NUMBER: TS1

GENERAL NOTES

GENERAL NOTES

1. All work detailed on these plans, except as otherwise stated or provided hereon, shall be constructed in accordance with City of Albuquerque standard specifications for public works construction, 1986 edition through update #9, and will be referred to herein as "standard specifications".
2. The Contractor will confine his work within the construction easement limits and/or right-of-way or provide copies of agreements with adjacent landowners.
3. Two (2) working days prior to any excavation, Contractor must contact New Mexico One Call System, 811 (statewide) for location of existing utilities.
4. The Contractor shall notify the City of Albuquerque Surveyor not less than seven (7) days prior to starting work in order that the City of Albuquerque Surveyor may take necessary measures to insure the preservation of survey monuments. The Contractor shall not disturb permanent survey monuments without the consent of the City of Albuquerque Surveyor and shall notify the City of Albuquerque Surveyor and bear the expense of replacing any that may be disturbed without permission. Replacement shall be done only by the City of Albuquerque Surveyor. When a change is made in the finished elevation of the pavement of any roadway in which a permanent survey monument is located, the Contractor shall, at its own expense, adjust the monument cover to the new grade unless otherwise specified. Refer to Section 4.4 of the City of Albuquerque Standard Specifications--Public Works Construction- 1986- Update No. 9.
5. If any utility lines, pipelines, or underground utility lines are shown on these drawings, they are shown in an approximate manner only, and such lines may exist where none are shown. If any such existing lines are shown, the location is based upon information provided by the owner of said utility, and the information may be incomplete, or may be obsolete by the time construction commences. The Engineer has conducted only preliminary investigation of the location, depth, size, or type of the existing utility lines, pipelines, or underground utility lines. This investigation is not conclusive and may not be complete; therefore, it makes no representation pertaining thereto and assumes no responsibility or liability therefor. The Contractor shall inform itself of the location of any utility line, pipeline, or underground utility line in or near the area of work in advance of and during excavation work. The Contractor is fully responsible for any and all damage caused by its failure to locate, identify and preserve any and all existing utilities, pipelines, and underground utility lines. In planning and conducting excavation, the Contractor shall comply with state statutes, municipal and local ordinances, and rules and regulations, if any, pertaining to the location of these lines and facilities.
6. Prior to construction, the Contractor shall excavate and verify the horizontal and vertical locations of all obstructions. Should a conflict exist between these plans and actual field conditions, the Contractor shall promptly notify the Engineer in writing so that the conflict can be resolved with a minimum amount of delay for all parties.
7. All water valve boxes and manholes in the street construction are to be adjusted to final grade and will be measured and paid per each. Refer to COA STD DWG #2461.
8. Subgrade preparation under sidewalks and drive pads, and subgrade and subbase preparation under curb and gutter, are considered incidental to the construction of such, and no direct payment shall be made for those items of work.
9. Caution: These drawings do not include necessary components for construction safety which shall remain the responsibility of the Contractor. All work on this project shall be

- performed in accordance with applicable federal, state and local laws, rules and regulations concerning safety and health. All excavation, trenching and shoring activities must be carried out in accordance with OSHA 29 CFR 1926, Subpart P-Excavations.
10. At all pavement removal and replacements, saw-cut edges shall be straight and clean, and longitudinal joints shall not be placed within wheel paths. Patches shall be regular and square or rectangular, with four straight sides. Finished pavement surface shall be flush with existing pavement surface, with no spillover or asphalt or tack coat. Care must be taken to avoid damaging the integrity or appearance of surroundings pavements; if damaged, the entire surface patch must be expanded to cover damages. Pave path shall be per COA drawing #2465.
11. Trenching, asphalt cutting and patching shall conform to Standard Drawing 2465. The Contractor shall contact City Inspector (505) 924-3421 to request an inspector to verify pavement thickness prior to patching.
12. When applicable, Contractor shall secure Topsoil Disturbance Permit from the City of Albuquerque and an Excavation/Construction Permit. An Excavation/Construction Permit will be required before beginning any work within right-of-way.
13. Any pavement disturbed by the trench shall be removed and the full section of pavement shall be replaced. For the pavement beyond that disturbed by the excavated trench, the following applies unless otherwise noted on plans:
- a. If only one lane is disturbed by trenching, the remainder of the one entire lane shall be milled and resurfaced. In a four-lane street, if more than one lane but less than half the street is affected, then the remainder of half the street (two lanes minimum) shall be milled and resurfaced.
- b. If more than one-half of any street width is affected, then all paving in the street from curb to curb shall be milled and resurfaced.
14. The Contractor shall contact Traffic Engineering (505) 788-3830 before removing and/or installing any traffic signs or permanent striping and markings. All striping and pavement markings, including lane lines, crosswalks, legends, and symbols, are to be constructed of hot thermoplastic in accordance with the Manual on Uniform Traffic Control Devices (MUTCD), latest edition. Any pavement markings and signs removed or damaged during construction shall be replaced at existing locations. Such work shall be considered incidental to construction of the project.
15. Install blue reflective raised pavement markers in the center of roadway to delineate all hydrant locations.
16. The Contractor shall submit field test reports to City Inspector for review. Sampling and testing schedule shall comply with plan specifications. The Contractor shall also be responsible to record any changes on the plans and submit detailed as-constructed construction project plans (As-Builts) to the design and/or project engineer.
17. Barricading and construction permits must be obtained from the Construction Coordination Section (505) 924-3672 prior to beginning of any construction efforts.
18. The Contractor shall restore all access roads to the pre-construction condition. Any damage to roadway and/or underground utilities shall be promptly repaired at the Contractor's expense.

19. When applicable, the Contractor shall secure a Topsoil Disturbance Permit from the City of Albuquerque and an Excavation/Construction Permit. An Excavation/Construction Permit will be required before beginning any work within right-of-way.
20. The Contractor shall perform all work in accordance with the National Pollutant Elimination Discharge System (NPDES) requirements including, but not limited to, obtaining an NPDES Permit during construction, submission of a completed NOI application, and submission of a completed NOT. The Contractor shall also be responsible for the implementation of and inspection reports for the Storm Water Pollution Prevention Plan (SWPPP). It is the responsibility of the Contractor to have the SWPPP reviewed and approved by the Public Works Division, at no additional cost, prior to implementation of the SWPPP.
21. The Contractor will be responsible for disposing of all debris, including but not limited to the hazardous waste at disposal sites approved by governmental agencies regulating the disposal of such materials offsite.
22. The Contractor shall maintain a graffiti-free work site. The Contractor shall promptly remove any and all graffiti from equipment, whether permanent or temporary. This graffiti removal shall be considered incidental; therefore, no separate payment will be made.
23. Restore any disturbed sidewalks per COA DWG #2430. Restore any disturbed drive pads per COA DWG #2425. Restore any disturbed curb & gutter per COA DWG #2415A.
24. Curb & gutter and sidewalk removals and replacements shall be to the nearest joint.
25. City-owned fiber-optic communication cables may be present in arterial and collector streets. Contact Ron Soto with Traffic Operations (505-857-8035) before boring or trenching operations in these areas. Any and all damage to City Traffic Operations infrastructure as a result of contractor's activities must be repaired or replaced at the contractor's expense in accordance with Traffic Operations procedures. **If the traffic utility is damaged during the project, the utility will need to be replaced from full splice to full splice. No intermediate splices are allowed.**

CONSTRUCTION NOTES

1. Contractor to place CCI provided wrap around cable tags for handholes, manholes and poles.
2. All work detailed on these plans, except as otherwise stated or provided hereon, shall be constructed in accordance with City of Albuquerque standard specifications for public works construction, 1986 edition through update #9, and will be referred to herein as "standard specifications".
- ADDITIONAL NOTE:
- A. SAS line shall be video taped post bore to ensure the integrity of the line was maintained. After which the video shall be released to the Water Authority for review and records.
- B. Expose utilities at crossings.

CPN 722584



CROWN CASTLE

NG WEST, LLC

2055 SOUTH STEARMAN DRIVE
CHANDLER, ARIZONA 85286

STATE: NEW MEXICO

COUNTY: BERNALILLO

CITY: ALBUQUERQUE

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CIVIL SEAL



PROJECT NAME:
NM01019P

CITY OF ALBUQUERQUE

ALBUQUERQUE, NM
BERNALILLO COUNTY

9/29/19

PREPARED BY:



WHERE QUALITY STILL COUNTS

REV. #	DESCRIPTION	BY	DATE
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9	DB REDLINES 10-09-18	LR	10-09-18

DRAWN BY: GT 9-26-17

GENERAL NOTES

SHEET NUMBER GN1

LEGEND

LINETYPE	DESCRIPTION	SYMBOL	DESCRIPTION	PROPOSED SYMBOL	DESCRIPTION	PROPOSED LINETYPE	DESCRIPTION
	CENTERLINE		TREE		PROPOSED DOWN GUY		PROPOSED AERIAL
	RIGHT-OF-WAY		SEWER MANHOLE		PROPOSED DOWN GUY ON EXIST ANCHOR		PROPOSED OVERLASH
	EDGE OF PAYMENT		WATER MANHOLE		PROPOSED AERIAL SLACK		PROPOSED OVERHEAD GUY
	PROPERTY LINE		STORM DRAIN MANHOLE		PROPOSED RISER		PROPOSED TRENCH
	SANITARY SEWER		ELECTRIC MANHOLE		PROPOSED HANDHOLE		PROPOSED BORE
	WATER		TELCO MANHOLE		PROPOSED BORE PIT		PROPOSED PULL THRU
	STORM DRAIN		EXIST ANCHOR		PROPOSED UNDERGROUND SLACK LOOP		PROPOSED POWER
	GAS		ELECTRIC HANDHOLE		AERIAL STRAND FOOTAGE		
	TELEPHONE		TELCO PED		BORE FOOTAGE		
	ELECTRIC		STREET LIGHT		TRENCH FOOTAGE		
	CABLE TV		FIRE HYDRANT		SPAN FOOTAGE		
	FENCE		TRANSFORMER		FIBER COUNT		
	AERIAL		TRAFFIC SIGNAL CABINET		BORE TYPE CALLOUT		
	CITY LIMITS		VAULT		TRENCH TYPE CALLOUT		
	SIDEWALK		WOOD POLE		PROPOSED MANHOLE		
	BACK OF CURB		STEEL POLE		PROPOSED SPLICE ENCLOSURE		
			TRUE NORTH ARROW		PROPOSED POLE REPLACEMENT		
					METER		
					CABINET		
					PROPOSED RING CUT		

CPN 722584

CROWN CASTLE
NG WEST, LLC
2055 SOUTH STEARMAN DRIVE
CHANDLER, ARIZONA 85286

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LEGEND

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DRAWN BY: GT 9-26-17
SHEET NUMBER L1

STATE: NEW MEXICO COUNTY: BERNALILLO CITY: ALBUQUERQUE

8/29/19

PROPOSED FIBER OPTIC CABLE

SEE DETAIL "A, C & E"

SEE DETAIL "B, C & F"

GAPS ARE SHOWN FOR CLARITY

50'

VARIES

A cross-sectional diagram of a cable-stayed bridge. A horizontal 10M STRAND is shown with a FIBER SENSING DEVICE (a small box with a circle) and a LASHING CLAMP (a small box with a circle) attached to it. A LASHING WIRE is shown passing through the LASHING CLAMP. A SLACK CABLE is shown below the strand, connected to the LASHING CLAMP.

A technical diagram of a cable repair assembly. It shows a central horizontal cable labeled 'SLACK CABLE'. On the left end, there is a 'FIBER SNOW SHOE' which is a rounded, bulbous component. A 'CABLE CLAMP' is positioned on the cable near the center. On the right end, another 'FIBER SNOW SHOE' is shown, and a 'LASHING CLAMP' is positioned further to the right. The diagram uses dashed lines to indicate the internal structure or the path of the cable within the shoes and clamps.

Diagram illustrating the attachment of a guy wire to a tower structure. The guy wire is anchored to the ground via a triple eye anchor rod. The guy wire is attached to the tower using a guy hook and bolted connectors. The guy wire is labeled as "GUY STRAND" and "DEAD END GUY GRIP". The tower structure is labeled as "BOLTED CONNECTORS" and "CABLE CLAMP". The guy wire is attached to the tower at a 45°-60° angle, unless otherwise noted. The guy wire is labeled as "GUY HOOK" and "CABLE".

[illegible]

EXISTING POLE

11 1/4" MAX

UNLESS OTHERWISE NOTED ON DRAWINGS

FIBER CABLE

CONDUIT SEAL

ROUTE STEEL CONDUIT UP POLE 10'

END BELL

4" RGC

"UTILITY VAULT"

COIL CABLE IN EACH PULLBOX

CONDUIT AS SPECIFIED

5' MAX

11 1/4" MAX

GRAFT CONDUIT ENTRIES INTO PULLBOX TYP.

STEEL CONDUIT WITH 48" SWEEP WITH 48" SWEEP AND APPROPRIATE

Diagram illustrating the proposed fiber optic cable installation. The cable is shown running horizontally between two vertical wooden posts. The cable is labeled "PROPOSED FIBER OPTIC CABLE". A horizontal line above the cable is labeled "SUPPORT STRAND". The distance between the posts is labeled "VARIES". The cable is secured to the posts with a material labeled "SEE DETAIL H".

REMOVE ANY SLACK IN THE LASHING WIRE BY MAINTAINING A PULL ON THE WIRE AND TAPPING THE STRAND SHARPLY. THEN FORM THE WIRE OVER THE STUD AND TIGHTEN THE NUT. CUT THE FREE END OF THE LASHING WIRE OFF 3/4" BEYOND THE END OF THE CLAMP.

FORM THE LASHING WIRE AROUND THE STRAND AND PL. IT BELOW THE STUD AND BETWEEN THE SECOND WASHER AND STUD SHOULDER.

FORMING WIRE OVER STUD OF CLAMP

FORMING LASHING WIRE AROUND STRAND

A technical diagram showing a cross-section of a pole top. A horizontal cable is attached to the pole using a curved washer, a cable suspension bolt, and a corner suspension clamp. A 5/8" x 2" round washer is also shown. Two guy wires are attached to the pole, one labeled '2 GUY HO' and the other 'SPIDER N'. A label 'GUY' points to the guy wire.

The diagram illustrates the cross-section of a cable-stayed bridge. A central cable is labeled "FIBER CABLE". It is surrounded by a layer of "METAL PRODUCTS LASHING" or "8 GAUGE STAINLESS STEEL LASHING". A "NATIONAL STRAND" or "5/16\" messenger wire or as Specified in Construction Plans" is shown running along the top of the cable. A dimension line indicates a length of "8\" MAXIMUM" for the lashing section.

Diagram illustrating the cable support system components and dimensions:

- Dimensions: 12" x 12" and 10" x 10"
- Components:
 - GROUND WIRE CLAMP
 - 6 AWG OR 10W STRAND
 - CABLE LASHING WIRE CLAMP
 - STAINLESS STEEL LASHER
 - CABLE SUPPORT AND 1/2" SPACER
 - POLE
 - CAUTION TAPE
 - FIBER OPTIC CABLE
 - ORANGE IN COLOR
 - GROUND LEVEL
 - GROUND ROD
- Note: GROUND EVERY 1/4 MILE AT STRAND TO SHEATH BOND LOCATION

[illegible]

Diagram illustrating the attachment of a guy wire to a tower structure. The components labeled are:

- CABLE SUSPENSION BOLT
- 2 GUY HOOK
- SPACER NUT
- GUY
- CABLE SUSPENSION
- CURVED WASHER
- 1/8" CABLE SUSPENSION BOLT
- CURVED WASHER

A diagram of a vertical pole with several connection points. At the top, a curved line represents a 'POLE' with a 'POLE' label. Below it, a horizontal line is labeled 'MESSANGER WIRE CONNECTION TO POLE'. Further down, a horizontal line is labeled 'FIBER CABLE'. At the bottom, a horizontal line is labeled 'FIBER CABLE AND MESSANGER WIRE'. On the left side, there are two curved lines, one labeled 'POLE' and the other 'MESSANGER WIRE CONNECTION TO POLE'.



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NM01019P

CITY OF ALBUQUERQUE

ALBUQUERQUE, NM
BERNALILLO COUNTY

PREPARED BY:

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WHERE QUALITY STILL COUNTS

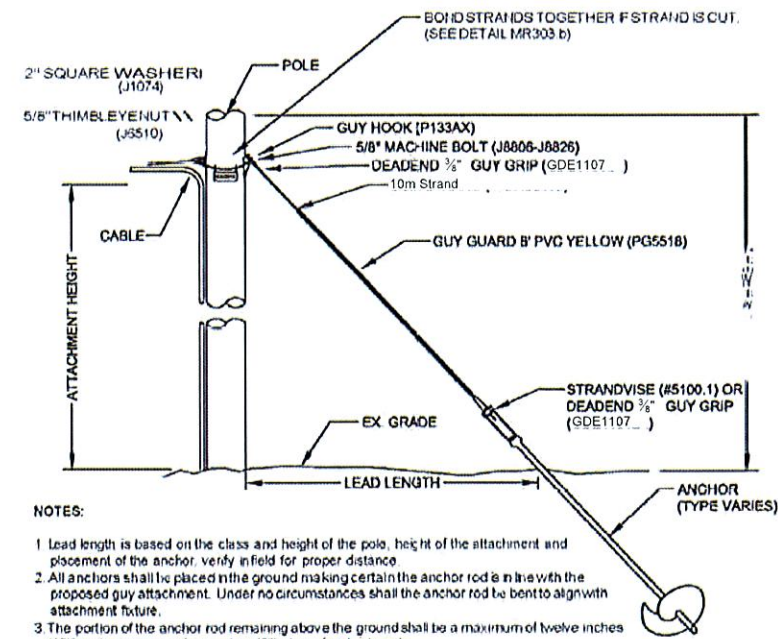
TYPICAL DETAILS

DRAWN BY: GT	9-26-17
SHEET NUMBER: D1	



Anchor & Down Guy Detail

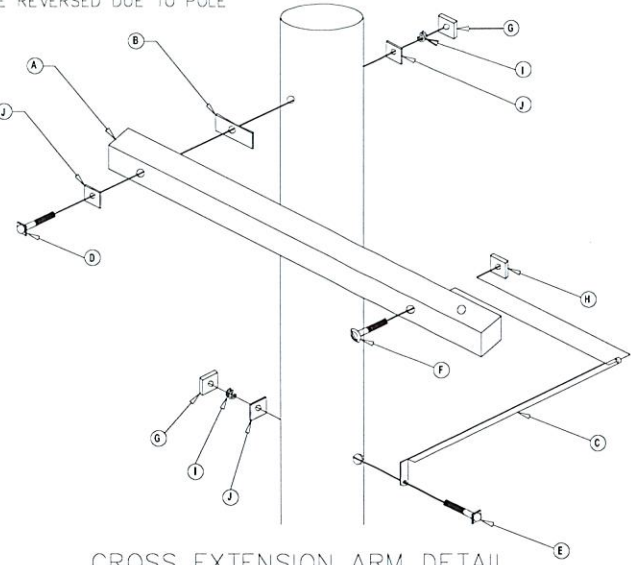
TYPICAL DETAILS



- NOTES:
- Lead length is based on the class and height of the pole, height of the attachment and placement of the anchor. Verify in field for proper distance.
 - All anchors shall be placed in the ground making certain the anchor rod is in line with the proposed guy attachment. Under no circumstances shall the anchor rod be bent to align with attachment fixture.
 - The portion of the anchor rod remaining above the ground shall be a maximum of twelve inches (12") and a minimum of six inches (6") above finished grade.
 - If strand is cut or broken, bond strands together using 116 AWG copper wire (SD6) and bonding clamp (J6300) (See Detail MR303b).
- G095 Rule 86.9 Guy Marker (Guy Guard)
A substantial marker of suitable material including but not limited to metal or plastic, not less than 8 feet in length, shall be securely attached to all anchor guys. Where more than one guy is attached to an anchor rod, only the outermost guy is required to have a marker.

- PART LIST
- 1- (P133AX) P133AXXVJ GUY HOOK
 - 1- (J8806-J8826) 5/8" MACHINE BOLT
 - 1- (J6510) 5/8" THIMBLE NUT
 - 1- (J1074) 2" SQUARE WASHER
 - 1- (GDE1107) DEADEND 3/4" GUY GRIP
 - 1- (G001) STRANDVICE
 - 1- (PG5518) 8" YELLOW PVC GUY GUARD
 - 1- ANCHOR (TYPE VARIES)
 - 1- CROWN TAG (SUPPLIED BY CROWN)
 - 2- TIEWRAPS
 - (14EH55000) 10m Strand

- NOTES:
- CROSS ARM AND BRACE MAY VARY IN LENGTH AND DIMENSION.
 - 5/8" MACHINE BOLTS WILL VARY DUE TO POLE DIAMETER.
 - ALL LINE HARDWARE TO BE HOT DIPPED GALVANIZED IRON.
 - BRACE MAY BE REVERSED DUE TO POLE CONDITIONS.



CROSS EXTENSION ARM DETAIL

CPN 722584

ANCHOR & DOWN GUY DETAIL

CROSS EXTENSION ARM DETAIL

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DRAWN BY: GT 9-26-17

SHEET NUMBER D2

TYPICAL DETAILS

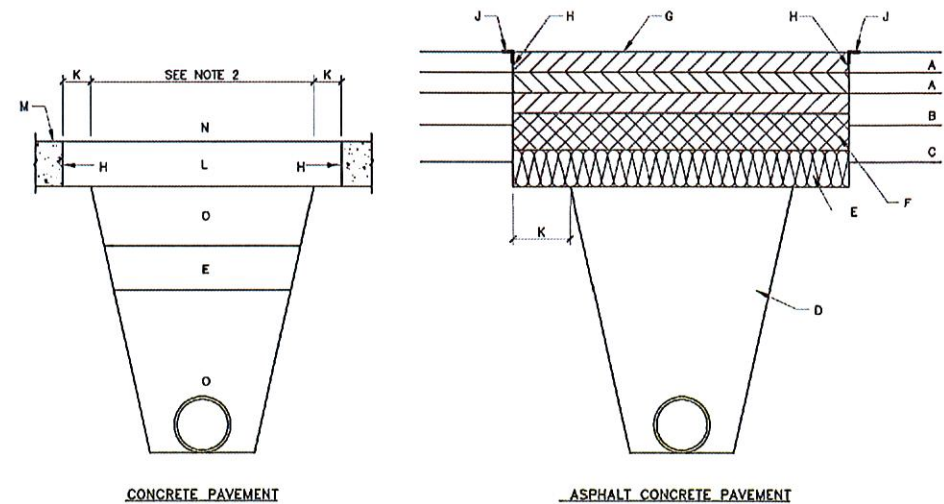
STATE: NEW MEXICO

COUNTY: BERNALILLO

CITY: ALBUQUERQUE

8/29/19

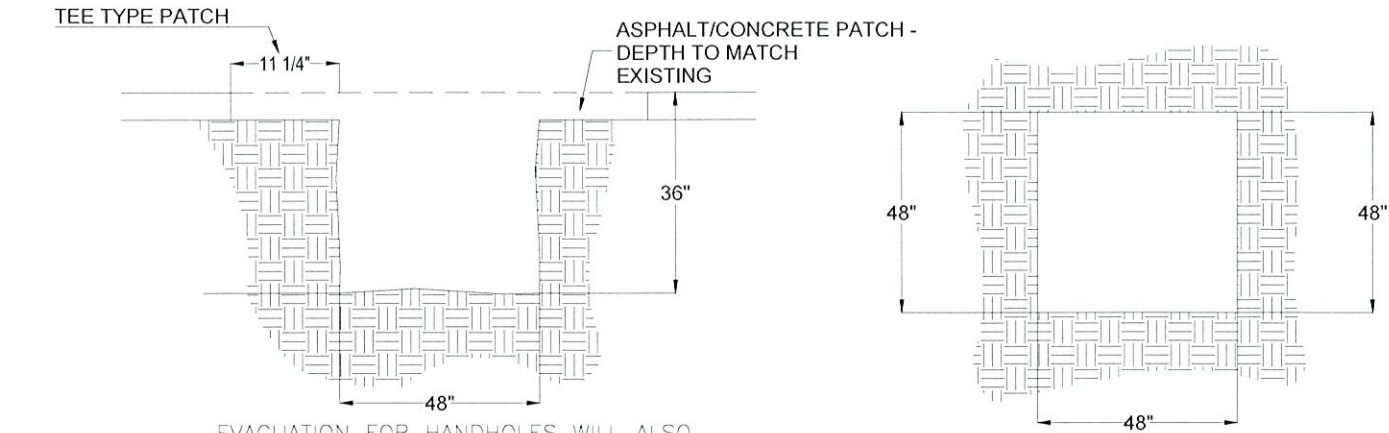
BACKFILLS, COMPACTION, AND PAVEMENT PATCHES SHALL BE IN ACCORDANCE WITH COA DRAWING #2465.



- GENERAL NOTES:**
1. COMPACTION AS DETERMINED BY ASTM D1557 MAX DENSITY.
 2. TRENCH CUT WIDTHS SHALL BE MIN. WIDTH REQ'D FOR UTILITY INSTALLATION, ECONOMICAL BACKFILL, COMPACTION AND COMPLIANCE WITH CURRENT AND APPLICABLE SAFETY REGULATIONS.
 3. ALL PAVEMENTS CUT EDGES WILL BE TRIMMED TO PRESENT AN EVEN LINE PRIOR TO REPLACEMENT OF PAVING MATERIAL. "STITCH" CUTTING OF PAVEMENT WILL NOT BE PERMITTED.
 4. ADDITIONAL 2" THICKNESS OF ASPHALT CONC. REQ'D ON PAVEMENT CUTS LESS THAN 8' WIDE FOR ASPHALT CONC. PAVEMENT CUTS 8' OR MORE IN WIDTH AND LONGER THAN 100' SHALL BE PLACED WITH LAYDOWN MACHINE TO A DEPTH EQUAL TO THAT OF ASPHALT CONC. REMOVED.

- CONSTRUCTION NOTES:**
- A. EXISTING ASPHALT PAVEMENT.
 - B. EXISTING BASE MATERIAL (ABC, BTB, CTB)
 - C. EXISTING SUBGRADE
 - D. COMPACTED FILL, 95% COMPACTION
 - E. COMPACTED SUBGRADE, 95% COMPACTION
 - F. SUBGRADE TO MEET OR EXCEED APPARENT R-VALUE OF ADJACENT SOIL, BY SOIL CLASSIFICATION (2 FEET MIN.).
 - G. MATCH EXISTING BASE MATERIAL PLUS AN ADDITIONAL 2" OF THICKNESS - 95% COMPACTION
 - H. MATCH EXISTING ASPHALT CONCRETE SECTION PLUS AN ADDITIONAL 2" OF THICKNESS
 - I. FOR RESIDENTIAL STREETS, SURFACE COURSE SHALL BE 1 1/2" THICK, TYPE C
 - J. FOR MAJOR LOCAL STREETS, SURFACE COURSE SHALL BE 2" THICK, TYPE B
 - K. FOR ALL OTHER STREETS, SURFACE COURSE SHALL BE 2" THICK, S-II
 - L. SAW CUT OR BLADE-CUT ASPHALT PAVEMENT, SAW CUT ONLY ONE THIRD CONC. DEPTH
 - M. TACK COAT
 - N. 12" CUT-BACK
 - O. MATCH EXISTING CONCRETE PAVEMENT THICKNESS, 6" MINIMUM, 4000 PSI
 - P. EXISTING CONCRETE PAVEMENT
 - Q. JOINTS TO BE TOOLED & SEALED IN ACCORDANCE WITH ENGINEERS REQUIREMENTS
 - R. 6" CONC. TREATED BASE (C.T.B.).

REVISIONS	CITY OF ALBUQUERQUE
1/81	PAVING
12/18/92	CITYWIDE PAVEMENT CUTS FOR ALL UTILITIES
	DWG. 2465 JANUARY 2003



EVACUATION FOR HANDHOLES WILL ALSO BE USED FOR BORE / RECEIVING PITS WHEN PRACTICAL TO MINIMIZE DISTURBANCE.

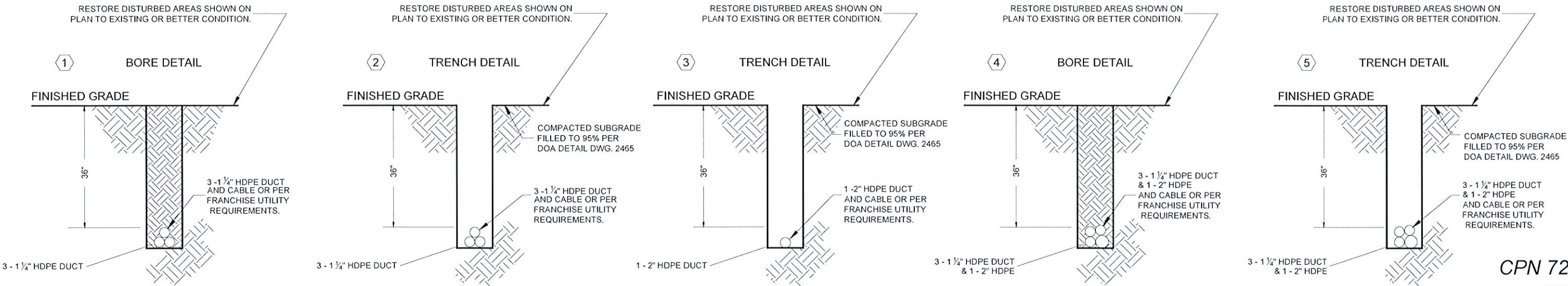
PROTECT NEARBY DOWNSTREAM STORM DRAIN INLETS FROM POTENTIAL CONTAMINATION DUE TO CONSTRUCTION. SEE SHEET "BMP" FOR EXAMPLES OF TYPICAL INLET PROTECTION MEASURES.

ACTUAL DIMENSIONS MAY VARY DEPENDING ON FIELD CONDITIONS.

VACUUM SLURRY FROM BORING OPERATIONS AS NEEDED TO ELIMINATE SEEPAGE INTO STREETS AND DRAINS.

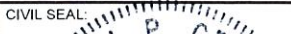
TYPICAL BORE PIT DETAIL

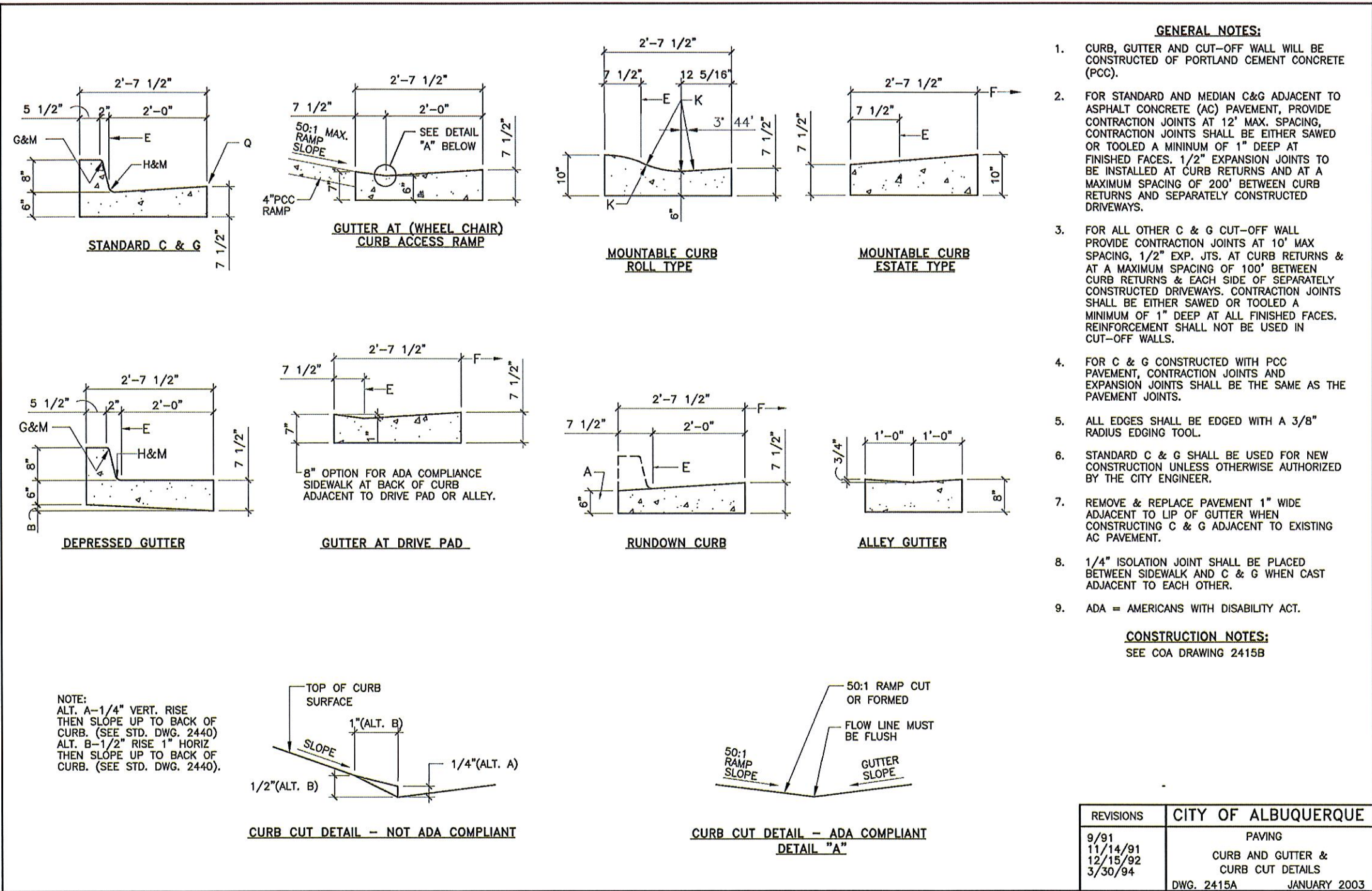
CITYWIDE PAVEMENT CUTS FOR ALL UTILITIES DETAIL



CPN 722584

TYPICAL BORE/TRENCH DETAILS

 CROWN CASTLE NG WEST, LLC 2055 SOUTH STEARMAN DRIVE CHANDLER, ARIZONA 85286		DRAWING DISCLAIMER Facility locations are general in nature. WYCO Field Services will not be held accountable for the accuracy of the information provided in these drawings.		CAUTION Foreign utility locations are approximate. It is the construction contractor's responsibility to contact the local one call agency 48 hours prior to construction for exact utility locations at: 		CIVIL SEAL: 		PROJECT NAME: NM01019P CITY OF ALBUQUERQUE ALBUQUERQUE, NM BERNALILLO COUNTY		PREPARED BY:  WHERE QUALITY STILL COUNTS <table><thead><tr><th>REV. #</th><th>DESCRIPTION</th><th>BY</th><th>DATE</th></tr></thead><tbody><tr><td>5</td><td>CC REDLINES 8-13-18</td><td>LR</td><td>8-13-18</td></tr><tr><td>6</td><td>CC REDLINES 8-14-18</td><td>GT</td><td>8-14-18</td></tr><tr><td>7</td><td>CC REDLINES 8-29-18</td><td>TH</td><td>8-29-18</td></tr><tr><td>8</td><td>DB REDLINES 9-28-18</td><td>LR</td><td>9-28-18</td></tr><tr><td>9</td><td>DB REDLINES 10-09-18</td><td>LR</td><td>10-09-18</td></tr></tbody></table>				REV. #	DESCRIPTION	BY	DATE	5	CC REDLINES 8-13-18	LR	8-13-18	6	CC REDLINES 8-14-18	GT	8-14-18	7	CC REDLINES 8-29-18	TH	8-29-18	8	DB REDLINES 9-28-18	LR	9-28-18	9	DB REDLINES 10-09-18	LR	10-09-18	TYPICAL DETAILS	
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9	DB REDLINES 10-09-18	LR	10-09-18																																				
STATE: NEW MEXICO		COUNTY: BERNALILLO		CITY: ALBUQUERQUE		DRAWN BY: GT 9-26-17 SHEET NUMBER: D3																																	



CPN 722584

CURB AND GUTTER & CURB CUT DETAILS

CROWN CASTLE
NG WEST, LLC
2055 SOUTH STEARMAN DRIVE
CHANDLER, ARIZONA 85286

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888-811-1111
Know what's below. Call before you dig.

CIVIL SEAL:
DANIEL P. GRUMAN
NEW MEXICO
24825
PROFESSIONAL ENGINEER

PROJECT NAME:
NM01019P
CITY OF ALBUQUERQUE
ALBUQUERQUE, NM
BERNALILLO COUNTY

PREPARED BY: **WYCO**
FIELD SERVICES
WHERE QUALITY STILL COUNTS

REV. #	DESCRIPTION	BY	DATE
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8	DB REDLINES 9-28-18	LR	9-28-18
9	DB REDLINES 10-09-18	LR	10-09-18

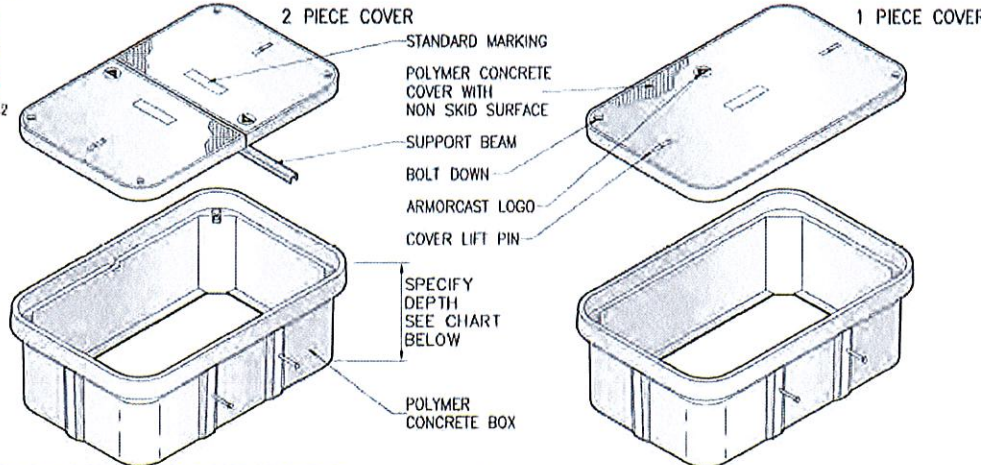
TYPICAL DETAILS

30" x 48" BOX ASSEMBLY
12" to 48" DEPTHS



POLYMER CONCRETE ARMORCAST PRODUCTS COMPANY

A6001430



30"W x 48"L BOX ASSEMBLIES Specify Depth Below

DESCRIPTION	NOMINAL SIZE W x L x D	LOAD RATING	ANSI TIER	PART NUMBER	APPROX. WEIGHT	PALLET QTY.
Box & Cover Assembly	30" x 48" x 12"	10K	8	A6001430APCX12	317 lbs.	5
	30" x 48" x 12"	20K	15 / 22	A6001430TAPCX12 / A6001430HDAPCX12	325 lbs.	5
Box & Cover Assembly	30" x 48" x 18"	10K	8	A6001430APCX18	377 lbs.	2
	30" x 48" x 18"	20K	15 / 22	A6001430TAPCX18 / A6001430HDAPCX18	385 lbs.	2
Box & Cover Assembly	30" x 48" x 24"	10K	8	A6001430APCX24	427 lbs.	3
	30" x 48" x 24"	20K	15 / 22	A6001430TAPCX24 / A6001430HDAPCX24	435 lbs.	3
Box & Cover Assembly	30" x 48" x 30"	10K	8	A6001430APCX30	498 lbs.	3
	30" x 48" x 30"	20K	15 / 22	A6001430TAPCX30 / A6001430HDAPCX30	506 lbs.	3
Box & Cover Assembly	30" x 48" x 36"	10K	8	A6001430APCX36	568 lbs.	1
	30" x 48" x 36"	20K	15 / 22	A6001430TAPCX36 / A6001430HDAPCX36	576 lbs.	1
Box & Cover Assembly	30" x 48" x 48"	10K	8	A6001430APCX48	663 lbs.	1
	30" x 48" x 48"	20K	15 / 22	A6001430TAPCX48 / A6001430HDAPCX48	671 lbs.	1

COMPONENTS

MORE COVER VARIATIONS ARE AVAILABLE IN OUR "COVER SECTION"

DESCRIPTION	NOMINAL SIZE W x L x D	LOAD RATING	ANSI TIER	PART NUMBER	APPROX. WEIGHT	PALLET QTY.
Replacement Covers	30" x 48" - 1 pc.	10K	8	A6001630	146 lbs.	10
	30" x 48" - 1 pc.	20K	15 / 22	A6001630T / A6001630HD	180 lbs.	10
	30" x 48" - 2 pc.	10K	8	A6001470 (2 pc. Req.)	96 lbs. ea.	20
	30" x 48" - 2 pc.	20K	15 / 22	A6001470T / A6001470HD (2 pc. Req.)	100 lbs. ea.	20
Replacement Boxes	30" x 48" x 12"	10K / 20K	22	A6001430PCX12	137 lbs.	8
	30" x 48" x 18"	10K / 20K	22	A6001430PCX18	189 lbs.	2
	30" x 48" x 24"	10K / 20K	22	A6001430PCX24	265 lbs.	3
	30" x 48" x 30"	10K / 20K	22	A6001430PCX30	300 lbs.	3
	30" x 48" x 36"	10K / 20K	22	A6001430PCX36	371 lbs.	1
	30" x 48" x 48"	10K / 20K	22	A6001430PCX48	468 lbs.	1

• Boxes are Open Bottom and Stackable, also available with Solid Bottoms. THIS PRODUCT IS LISTED TO APPLICABLE UL STANDARDS AND REQUIREMENTS BY UL.
• For sizes not shown please contact Armorcast Products for more information

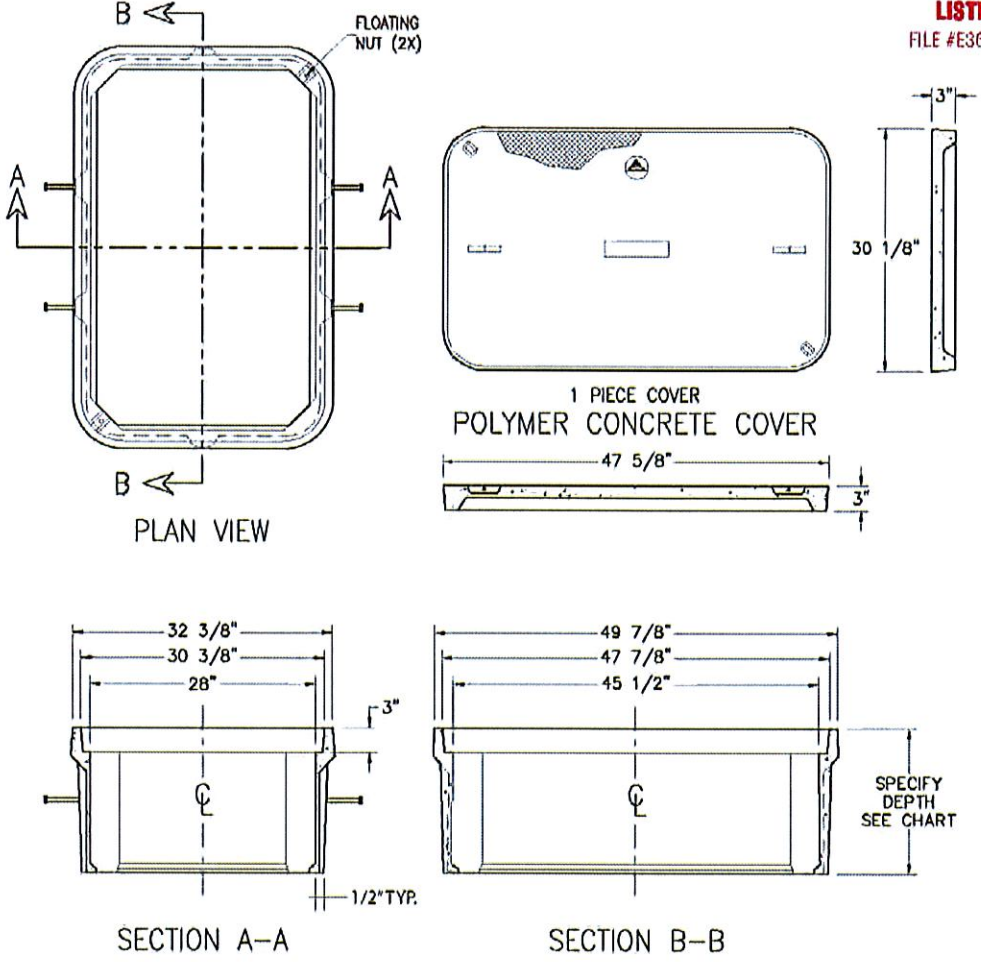
www.armorcastprod.com Tel: (818) 982-3600 Fax: (818) 982-7742

30" x 48" BOX ASSEMBLY
STANDARD DIMENSIONS



ARMORCAST PRODUCTS COMPANY POLYMER CONCRETE

A6001430



POLYMER CONCRETE BOXES

Aarmorcast Products Company reserves the right to update or discontinue product information at any time without notice.

www.armorcastprod.com

THIS PRODUCT IS LISTED TO APPLICABLE UL STANDARDS AND REQUIREMENTS BY UL.

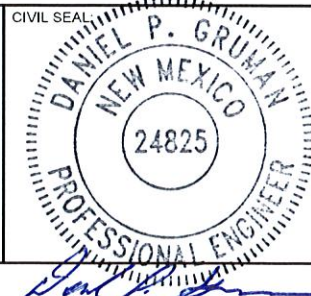
Tel: (818) 982-3600 Fax: (818) 982-7742

CPN 722584

CROWN CASTLE
NG WEST, LLC
2055 SOUTH STEARMAN DRIVE
CHANDLER, ARIZONA 85286

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PROJECT NAME:
NM01019P
CITY OF ALBUQUERQUE
ALBUQUERQUE, NM
BERNALILLO COUNTY

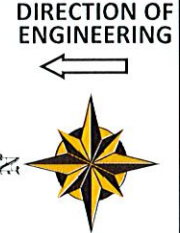
PREPARED BY: **WYCO FIELD SERVICES**

REV. #	DESCRIPTION	BY	DATE
5	CC REDLINES 8-13-18	LR	8-13-18
6	CC REDLINES 8-14-18	GT	8-14-18
7	CC REDLINES 8-29-18	TH	8-29-18
8	DB REDLINES 9-28-18	LR	9-28-18
9	DB REDLINES 10-09-18	LR	10-09-18

TYPICAL DETAILS

STATE: NEW MEXICO COUNTY: BERNALILLO CITY: ALBUQUERQUE

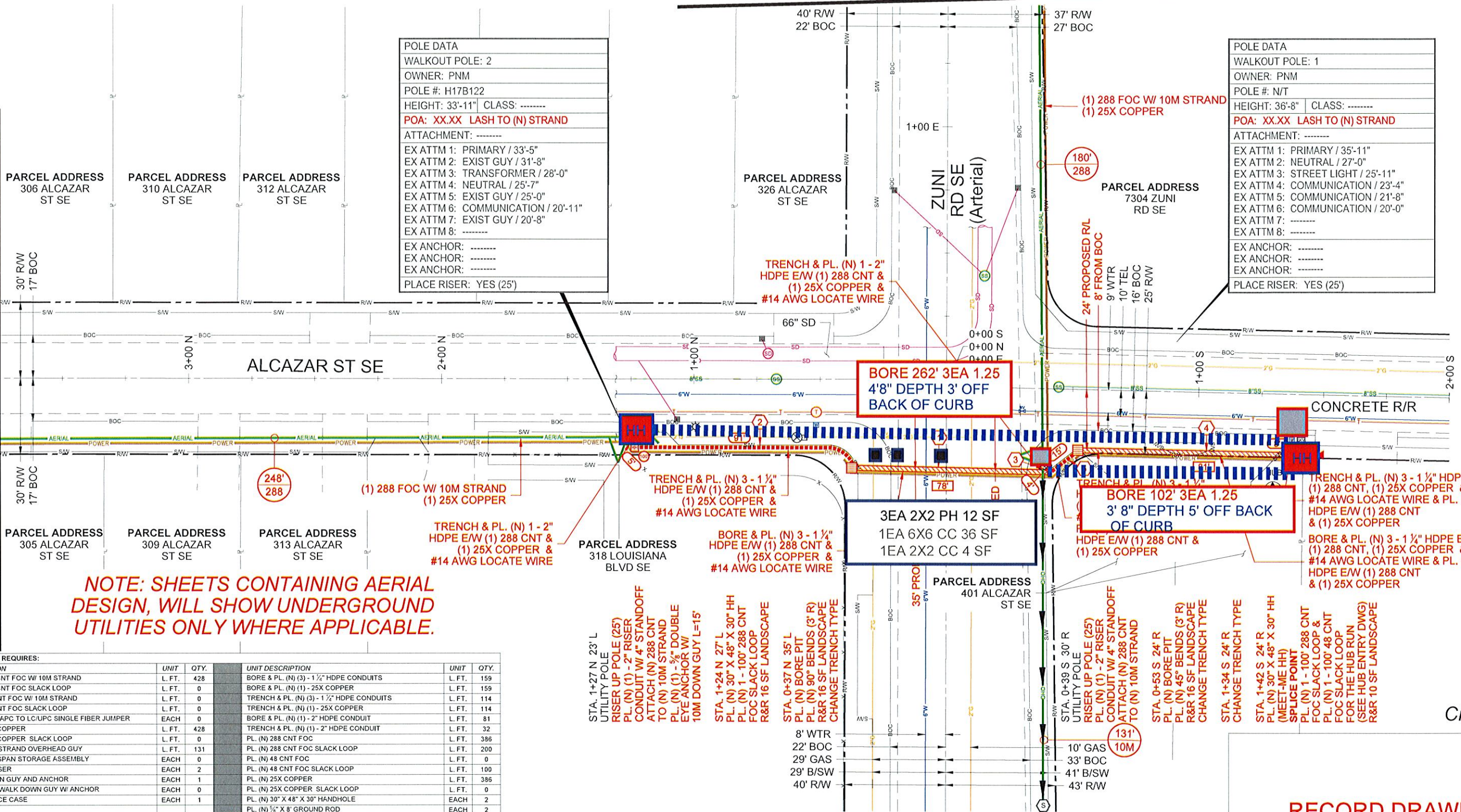
DRAWN BY: GT 9-26-17
SHEET NUMBER: D5



POLE DATA	
WALKOUT POLE: 2	
OWNER: PNM	
POLE #: H17B122	
HEIGHT: 33'-11"	CLASS: -----
POA: XX.XX LASH TO (N) STRAND	
ATTACHMENT: -----	
EX ATTM 1: PRIMARY / 33'-5"	
EX ATTM 2: EXIST GUY / 31'-8"	
EX ATTM 3: TRANSFORMER / 28'-0"	
EX ATTM 4: NEUTRAL / 25'-7"	
EX ATTM 5: EXIST GUY / 25'-0"	
EX ATTM 6: COMMUNICATION / 20'-11"	
EX ATTM 7: EXIST GUY / 20'-8"	
EX ATTM 8: -----	
EX ANCHOR: -----	
EX ANCHOR: -----	
EX ANCHOR: -----	
PLACE RISER: YES (25')	

POLE DATA	
WALKOUT POLE: 1	
OWNER: PNM	
POLE #: N/T	
HEIGHT: 36'-8"	CLASS: -----
POA: XX.XX LASH TO (N) STRAND	
ATTACHMENT: -----	
EX ATTM 1: PRIMARY / 35'-11"	
EX ATTM 2: NEUTRAL / 27'-0"	
EX ATTM 3: STREET LIGHT / 25'-11"	
EX ATTM 4: COMMUNICATION / 23'-4"	
EX ATTM 5: COMMUNICATION / 21'-8"	
EX ATTM 6: COMMUNICATION / 20'-0"	
EX ATTM 7: -----	
EX ATTM 8: -----	
EX ANCHOR: -----	
EX ANCHOR: -----	
EX ANCHOR: -----	
PLACE RISER: YES (25')	

SEE SHEET C2
MATCHLINE STA. 3+75 N



NOTE: SHEETS CONTAINING AERIAL
DESIGN, WILL SHOW UNDERGROUND
UTILITIES ONLY WHERE APPLICABLE.

THIS SHEET REQUIRES:				
DESCRIPTION	UNIT	QTY.	UNIT DESCRIPTION	UNIT QTY.
PL. (N) 288 CNT FOC W/ 10M STRAND	L. FT.	428	BORE & PL. (N) (3) - 1 1/2" HDPE CONDUITS	L. FT. 159
PL. (N) 288 CNT FOC SLACK LOOP	L. FT.	0	BORE & PL. (N) (1) - 25X COPPER	L. FT. 159
PL. (N) 48 CNT FOC W/ 10M STRAND	L. FT.	0	TRENCH & PL. (N) (3) - 1 1/2" HDPE CONDUITS	L. FT. 114
PL. (N) 48 CNT FOC SLACK LOOP	L. FT.	0	TRENCH & PL. (N) (1) - 25X COPPER	L. FT. 114
PL. (N) 1 SC/APC TO LC/UPC SINGLE FIBER JUMPER	EACH	0	BORE & PL. (N) (1) - 2" HDPE CONDUIT	L. FT. 81
PL. (N) 25X COPPER	L. FT.	428	TRENCH & PL. (N) (1) - 2" HDPE CONDUIT	L. FT. 32
PL. (N) 25X COPPER SLACK LOOP	L. FT.	0	PL. (N) 288 CNT FOC	L. FT. 396
PL. (N) 10M STRAND OVERHEAD GUY	L. FT.	131	PL. (N) 288 CNT FOC SLACK LOOP	L. FT. 200
PL. (N) IMD SPAN STORAGE ASSEMBLY	EACH	0	PL. (N) 48 CNT FOC	L. FT. 0
PL. (N) 2" RISER	EACH	2	PL. (N) 48 CNT FOC SLACK LOOP	L. FT. 100
PL. (N) DOWN GUY AND ANCHOR	EACH	1	PL. (N) 25X COPPER	L. FT. 396
PL. (N) SIDEWALK DOWN GUY W/ ANCHOR	EACH	0	PL. (N) 25X COPPER SLACK LOOP	L. FT. 0
PL. (N) SPLICE CASE	EACH	1	PL. (N) 30" X 48" X 30" HANDHOLE	EACH 2
			PL. (N) 1/2" X 8' GROUND ROD	EACH 2
			PL. (N) #14 AWG LOCATE WIRE	L. FT. 282
			PL. (N) 4' X 4' BORE PIT	EACH 2
			LANDSCAPE RESTORATION	S.F. 58

CPN 722584

RECORD DRAWING

CROWN CASTLE
NG WEST, LLC
2055 SOUTH STEARMAN DRIVE
CHANDLER, ARIZONA 85286

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PROJECT NAME:
NM01019P
CITY OF ALBUQUERQUE
ALBUQUERQUE, NM
BERNALILLO COUNTY

PREPARED BY:			
WYCO FIELD SERVICES WHERE QUALITY STILL COUNTS			
REV. #	DESCRIPTION	BY	DATE
5	CC REDLINES 8-13-18	LR	8-13-18
6	CC REDLINES 8-14-18	GT	8-14-18
7	CC REDLINES 8-29-18	TH	8-29-18
8	DB REDLINES 9-28-18	LR	9-28-18
9	DB REDLINES 10-09-18	LR	10-09-18

C1

DIRECTION OF
ENGINEERING



POLE DATA	
WALKOUT POLE: 6	
OWNER: PNM	
POLE #: H17B352	
HEIGHT: 33'-5" CLASS: -----	
POA: XX.XX LASH TO (N) STRAND	
ATTACHMENT: -----	
EX ATT1: PRIMARY / 33'-1"	
EX ATT2: EXIST GUY / 28'-8"	
EX ATT3: NEUTRAL / 24'-11"	
EX ATT4: EXIST RISER / 22'-3"	
EX ATT5: COMMUNICATION / 19'-7"	
EX ATT6: -----	
EX ATT7: -----	
EX ATT8: -----	
EX ANCHOR: -----	
EX ANCHOR: -----	
EX ANCHOR: -----	
PLACE RISER: -----	

PARCEL ADDRESS
7200 CENTRAL
AVE SE

PARCEL ADDRESS
122 ALCAZAR
ST SE
LOT 9

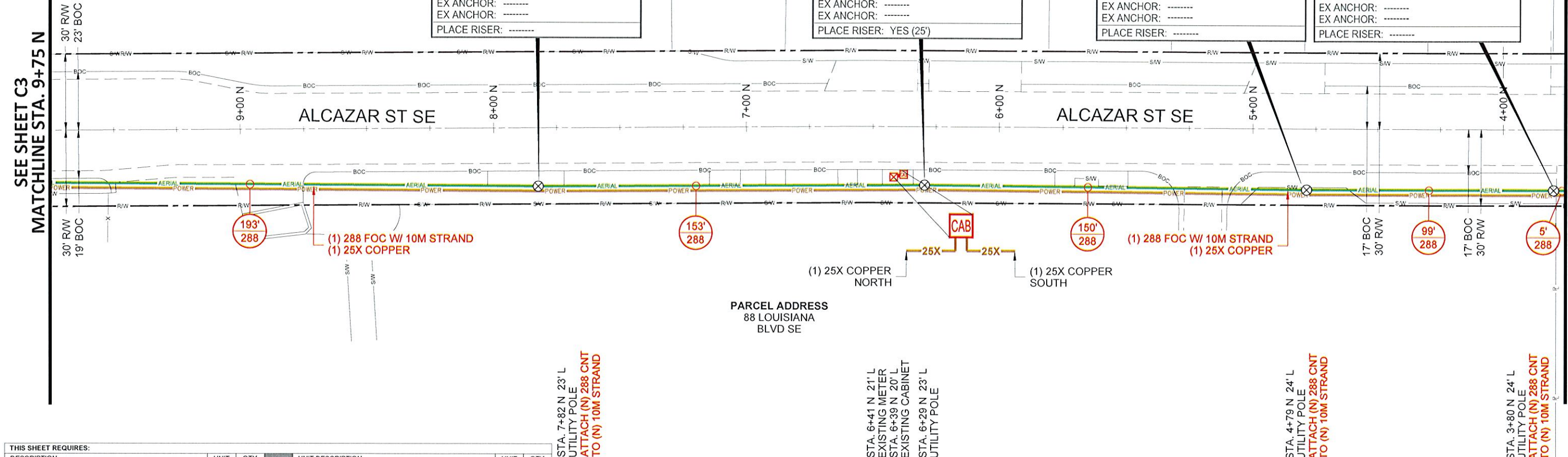
POLE DATA	
WALKOUT POLE: 5	
OWNER: PNM	
POLE #: H17B349	
HEIGHT: 32'-10" CLASS: -----	
POA: XX.XX LASH TO (N) STRAND	
ATTACHMENT: -----	
EX ATT1: PRIMARY / 32'-6"	
EX ATT2: PRIMARY / 31'-10"	
EX ATT3: TRANSFORMER / 27'-7"	
EX ATT4: NEUTRAL / 25'-0"	
EX ATT5: EXIST RISER / 20'-1"	
EX ATT6: COMMUNICATION / 17'-5"	
EX ATT7: -----	
EX ATT8: -----	
EX ANCHOR: -----	
EX ANCHOR: -----	
EX ANCHOR: -----	
PLACE RISER: YES (25')	

POLE DATA	
WALKOUT POLE: 4	
OWNER: PNM	
POLE #: N/T	
HEIGHT: 33'-6" CLASS: -----	
POA: XX.XX LASH TO (N) STRAND	
ATTACHMENT: -----	
EX ATT1: PRIMARY / 33'-1"	
EX ATT2: NEUTRAL / 25'-1"	
EX ATT3: EXIST RISER / 22'-0"	
EX ATT4: COMMUNICATION / 20'-10"	
EX ATT5: -----	
EX ATT6: -----	
EX ATT7: -----	
EX ATT8: -----	
EX ANCHOR: -----	
EX ANCHOR: -----	
EX ANCHOR: -----	
PLACE RISER: -----	

POLE DATA	
WALKOUT POLE: 3	
OWNER: PNM	
POLE #: N/T	
HEIGHT: 33'-6" CLASS: -----	
POA: XX.XX LASH TO (N) STRAND	
ATTACHMENT: -----	
EX ATT1: PRIMARY / 33'-1"	
EX ATT2: NEUTRAL / 25'-1"	
EX ATT3: EXIST RISER / 22'-0"	
EX ATT4: COMMUNICATION / 20'-10"	
EX ATT5: -----	
EX ATT6: -----	
EX ATT7: -----	
EX ATT8: -----	
EX ANCHOR: -----	
EX ANCHOR: -----	
EX ANCHOR: -----	
PLACE RISER: -----	

SEE SHEET C3
MATCHLINE STA. 9+75 N

MATCHLINE STA. 3+75 N
SEE SHEET C1



THIS SHEET REQUIRES:					
DESCRIPTION	UNIT	QTY.	UNIT DESCRIPTION	UNIT	QTY.
PL. (N) 288 CNT FOC W/ 10M STRAND	L. FT.	600	BORE & PL. (N) (3) - 1 1/2" HDPE CONDUITS	L. FT.	0
PL. (N) 288 CNT FOC SLACK LOOP	L. FT.	0	BORE & PL. (N) (1) - 25X COPPER	L. FT.	0
PL. (N) 48 CNT FOC W/ 10M STRAND	L. FT.	0	TRENCH & PL. (N) (3) - 1 1/2" HDPE CONDUITS	L. FT.	0
PL. (N) 48 CNT FOC SLACK LOOP	L. FT.	0	TRENCH & PL. (N) (1) - 25X COPPER	L. FT.	0
PL. (N) 1 SC/APC TO LC/UPC SINGLE FIBER JUMPER	EACH	0	PL. (N) 288 CNT FOC	L. FT.	0
PL. (N) 25X COPPER	L. FT.	600	PL. (N) 288 CNT FOC SLACK LOOP	L. FT.	0
PL. (N) 25X COPPER SLACK LOOP	L. FT.	0	PL. (N) 48 CNT FOC	L. FT.	0
PL. (N) 10M STRAND OVERHEAD GUY	L. FT.	0	PL. (N) 48 CNT FOC SLACK LOOP	L. FT.	0
PL. (N) MID SPAN STORAGE ASSEMBLY	EACH	0	PL. (N) 25X COPPER	L. FT.	0
PL. (N) 2" RISER	EACH	0	PL. (N) 25X COPPER SLACK LOOP	L. FT.	0
PL. (N) DOWN GUY AND ANCHOR	EACH	0	PL. (N) 30" X 48" X 30" HANDHOLE	EACH	0
PL. (N) SIDEWALK DOWN GUY W/ ANCHOR	EACH	0	PL. (N) 5/8" X 8' GROUND ROD	EACH	0
PL. (N) SPLICE CASE	EACH	0			

STA. 7+82 N 23' L
UTILITY POLE
ATTACH (N) 288 CNT
TO (N) 10M STRAND

STA. 6+41 N 21' L
EXISTING METER
STA. 6+39 N 20' L
EXISTING CABINET
STA. 6+29 N 23' L
UTILITY POLE

STA. 4+79 N 24' L
UTILITY POLE
ATTACH (N) 288 CNT
TO (N) 10M STRAND

STA. 3+80 N 24' L
UTILITY POLE
ATTACH (N) 288 CNT
TO (N) 10M STRAND

NOTE: SHEETS CONTAINING AERIAL
DESIGN, WILL SHOW UNDERGROUND
UTILITIES ONLY WHERE APPLICABLE.



CPN 722584

RECORD DRAWING

NG WEST, LLC

2055 SOUTH STEARMAN DRIVE
CHANDLER, ARIZONA 85286

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CIVIL SEAL

PROJECT NAME:
NM01019P

CITY OF ALBUQUERQUE

ALBUQUERQUE, NM
BERNALILLO COUNTY

PREPARED BY:

WHERE QUALITY STILL COUNTS

REV. #	DESCRIPTION	BY	DATE
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7	CC REDLINES 8-29-18	TH	8-29-18
8	DB REDLINES 9-28-18	LR	9-28-18
9	DB REDLINES 10-09-18	LR	10-09-18

DRAWN BY: GT 9-26-17

SHEET NUMBER: C2 OF C8

C2

DIRECTION OF
ENGINEERING

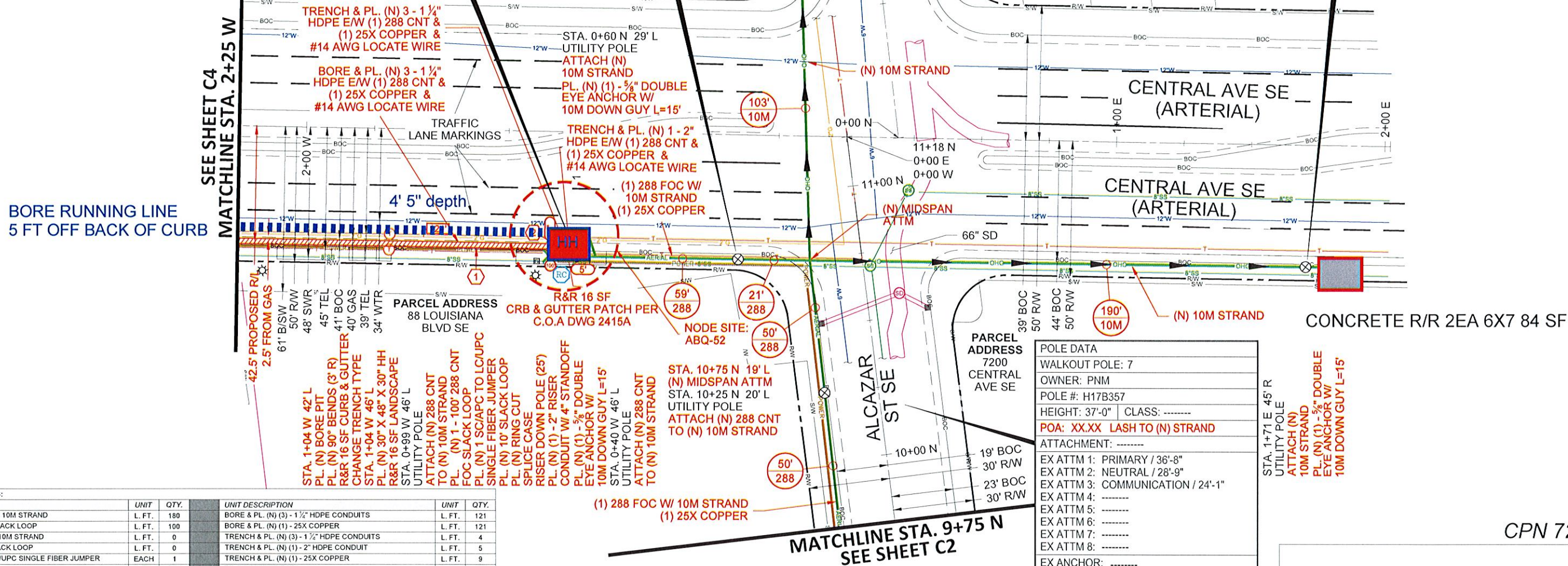


POLE DATA	
WALKOUT POLE: 11	
OWNER: PNM	
POLE #: N/T	
HEIGHT: 41'-8"	CLASS: -----
POA: XX.XX LASH TO (N) STRAND	
ATTACHMENT: -----	
EX ATTM 1: EXIST GUY / 40'-2"	
EX ATTM 2: TRANSFORMER / 33'-11"	
EX ATTM 3: EXIST GUY / 29'-8"	
EX ATTM 4: EXIST RISER / 28'-5"	
EX ATTM 5: EXIST GUY / 18'-3"	
EX ATTM 6: -----	
EX ATTM 7: -----	
EX ATTM 8: -----	
EX ANCHOR: -----	
EX ANCHOR: -----	
EX ANCHOR: -----	
PLACE RISER: YES (25')	

POLE DATA	
WALKOUT POLE: 8	
OWNER: PNM	
POLE #: H17B356	
HEIGHT: 43'-7"	CLASS: -----
POA: XX.XX LASH TO (N) STRAND	
ATTACHMENT: -----	
EX ATTM 1: PRIMARY / 43'-1"	
EX ATTM 2: PRIMARY / 40'-4"	
EX ATTM 3: NEUTRAL / 27'-5"	
EX ATTM 4: COMMUNICATION / 21'-1"	
EX ATTM 5: -----	
EX ATTM 6: -----	
EX ATTM 7: -----	
EX ATTM 8: -----	
EX ANCHOR: -----	
EX ANCHOR: -----	
EX ANCHOR: -----	
PLACE RISER: -----	

POLE DATA	
WALKOUT POLE: 9	
OWNER: PNM	POLE #: H17B359
HEIGHT: 33'-1"	CLASS: N/A
POA: XX.XX ATTACH TO OVERHEAD GUY STRAND	
ATTACHMENT: N/A	
EX GUY ATTM: CROSS ARM / 33'-1"	
EX GUY ATTM: NEUTRAL / 28'-2"	
EX GUY ATTM: COMMUNICATION / 25'-5"	
EX GUY ATTM: N/A	
EX ANCHOR: N/A	
EX ANCHOR: N/A	
PLACE RISER: N/A	

POLE DATA	
WALKOUT POLE: 10	
OWNER: PNM	POLE #: H17B403
HEIGHT: 37'-0"	CLASS: N/A
POA: XX.XX ATTACH TO OVERHEAD GUY STRAND	
ATTACHMENT: N/A	
EX GUY ATTM: PRIMARY / 37'-0" & 34'-8"	
EX GUY ATTM: TRANSFORMER / 31'-7"	
EX GUY ATTM: NEUTRAL / 29'-6"	
EX GUY ATTM: COMMUNICATION / 22'-0"	
EX ANCHOR: N/A	
EX ANCHOR: N/A	
PLACE RISER: N/A	



THIS SHEET REQUIRES:

DESCRIPTION	UNIT	QTY.	UNIT DESCRIPTION	UNIT	QTY.
PL. (N) 288 CNT FOC W/ 10M STRAND	L. FT.	180	BORE & PL. (N) (3) - 1 1/2" HDPE CONDUITS	L. FT.	121
PL. (N) 288 CNT FOC SLACK LOOP	L. FT.	100	BORE & PL. (N) (1) - 25X COPPER	L. FT.	121
PL. (N) 48 CNT FOC W/ 10M STRAND	L. FT.	0	TRENCH & PL. (N) (3) - 1 1/2" HDPE CONDUITS	L. FT.	4
PL. (N) 48 CNT FOC SLACK LOOP	L. FT.	0	TRENCH & PL. (N) (1) - 2" HDPE CONDUIT	L. FT.	5
PL. (N) 1 SC/APC TO LC/UPC SINGLE FIBER JUMPER	EACH	1	TRENCH & PL. (N) (1) - 25X COPPER	L. FT.	9
PL. (N) 25X COPPER	L. FT.	180	PL. (N) 288 CNT FOC	L. FT.	130
PL. (N) 25X COPPER SLACK LOOP	L. FT.	10	PL. (N) 288 CNT FOC SLACK LOOP	L. FT.	100
PL. (N) 10M STRAND OVERHEAD GUY	L. FT.	293	PL. (N) 48 CNT FOC	L. FT.	0
PL. (N) MID SPAN STORAGE ASSEMBLY	EACH	0	PL. (N) 48 CNT FOC SLACK LOOP	L. FT.	0
PL. (N) 2" RISER	EACH	1	PL. (N) 25X COPPER	L. FT.	130
PL. (N) DOWN GUY AND ANCHOR	EACH	3	PL. (N) 25X COPPER SLACK LOOP	L. FT.	0
PL. (N) SIDEWALK DOWN GUY W/ ANCHOR	EACH	0	PL. (N) 30" X 48" X 30" HANDHOLE	EACH	1
PL. (N) SPICE CASE	EACH	1	PL. (N) 5/8" X 8" GROUND ROD	EACH	1
CONCRETE RESTORATION	S. F.	16	PL. (N) #14 AWG LOCATE WIRE	L. FT.	130
LANDSCAPE RESTORATION	S. F.	16	PL. (N) 4" X 4" BORE PIT	EACH	1



NG WEST, LLC

2055 SOUTH STEARMAN DRIVE
CHANDLER, ARIZONA 85286

DRAWING DISCLAIMER

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CAUTION

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CIVIL SEAL:



PROJECT NAME:
NM01019P

CITY OF ALBUQUERQUE
ALBUQUERQUE, NM
BERNALILLO COUNTY

PREPARED BY:



REV. #	DESCRIPTION	BY	DATE
5	CC REDLINES 8-13-18	LR	8-13-18
6	CC REDLINES 8-14-18	GT	8-14-18
7	CC REDLINES 8-29-18	TH	8-29-18
8	DB REDLINES 9-28-18	LR	9-28-18
9	DB REDLINES 10-09-18	LR	10-09-18

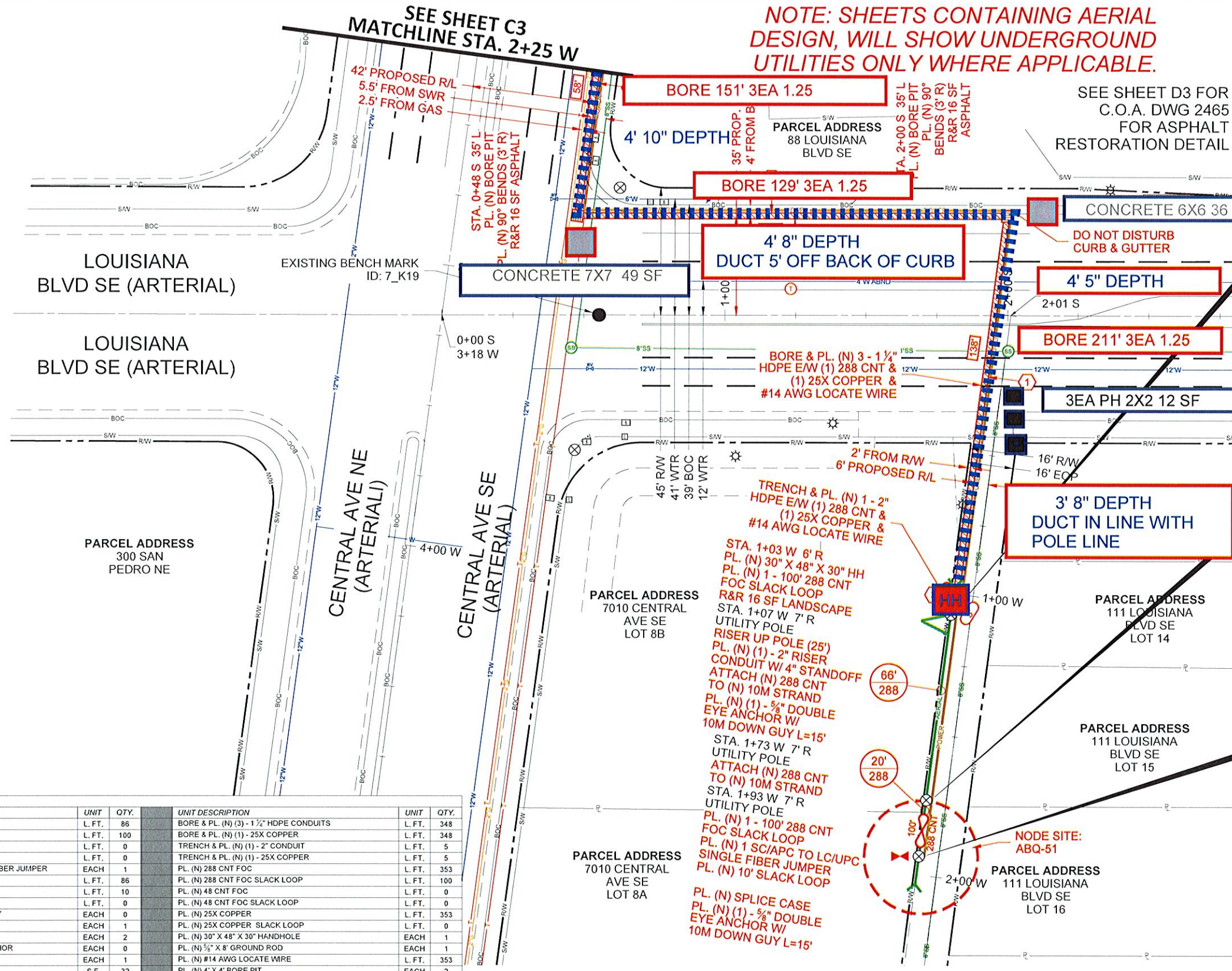
DRAWN BY: GT 9-26-17

SHEET NUMBER C3 OF C8

CPN 722584

RECORD DRAWING

C3



NOTE: SHEETS CONTAINING AERIAL DESIGN, WILL SHOW UNDERGROUND UTILITIES ONLY WHERE APPLICABLE.

POLE DATA	
WALKOUT POLE: 12	
OWNER: -----	
POLE #: -----	
HEIGHT: ----- CLASS: -----	
POA: XX.XX LASH TO (N) STRAND	
ATTACHMENT: -----	
EX ATTM 1:	-----
EX ATTM 2:	-----
EX ATTM 3:	-----
EX ATTM 4:	-----
EX ATTM 5:	-----
EX ATTM 6:	-----
EX ANCHOR: -----	
EX ANCHOR: -----	
EX ANCHOR: -----	
PLACE RISER: YES (25')	
POLE DATA	
WALKOUT POLE: 13	
OWNER: -----	
POLE #: -----	
HEIGHT: ----- CLASS: -----	
POA: XX.XX LASH TO (N) STRAND	
ATTACHMENT: -----	
EX ATTM 1:	-----
EX ATTM 2:	-----
EX ATTM 3:	-----
EX ATTM 4:	-----
EX ATTM 5:	-----
EX ATTM 6:	-----
EX ATTM 7:	-----
EX ATTM 8:	-----
EX ANCHOR: -----	
EX ANCHOR: -----	
EX ANCHOR: -----	
PLACE RISER: -----	
POLE DATA	
WALKOUT POLE: 14	
OWNER: -----	
POLE #: -----	
HEIGHT: ----- CLASS: -----	
POA: XX.XX LASH TO (N) STRAND	
ATTACHMENT: -----	
EX ATTM 1:	-----
EX ATTM 2:	-----
EX ATTM 3:	-----
EX ATTM 4:	-----
EX ATTM 5:	-----
EX ATTM 6:	-----
EX ATTM 7:	-----
EX ATTM 8:	-----
EX ANCHOR: -----	
EX ANCHOR: -----	
EX ANCHOR: -----	
PLACE RISER: -----	

DIRECTION OF ENGINEERING



FULL SIZE 34X22 - 1" = 20'
HALF SIZE 11X17 - 1" = 40'

CPN 722584

THIS SHEET REQUIRES:			
DESCRIPTION	UNIT	QTY.	UNIT DESCRIPTION
PL. (N) 288 CNT FOC W/ 10M STRAND	L. FT.	86	BORE & PL. (N) (3) - 1 1/2" HDPE CONDUITS
PL. (N) 288 CNT FOC SLACK LOOP	L. FT.	100	BORE & PL. (N) (1) - 25X COPPER
PL. (N) 48 CNT FOC W/ 10M STRAND	L. FT.	0	TRENCH & PL. (N) (1) - 2" CONDUIT
PL. (N) 48 CNT FOC SLACK LOOP	L. FT.	0	TRENCH & PL. (N) (1) - 25X COPPER
PL. (N) 1 SC/APC TO LC/UPC SINGLE FIBER JUMPER	EACH	1	PL. (N) 288 CNT FOC
PL. (N) 25X COPPER	L. FT.	86	PL. (N) 288 CNT FOC SLACK LOOP
PL. (N) 25X COPPER SLACK LOOP	L. FT.	10	PL. (N) 48 CNT FOC
PL. (N) 10M STRAND OVERHEAD GUY	L. FT.	0	PL. (N) 48 CNT FOC SLACK LOOP
PL. (N) MID SPAN STORAGE ASSEMBLY	EACH	0	PL. (N) 25X COPPER
PL. (N) 2" RISER	EACH	1	PL. (N) 25X COPPER SLACK LOOP
PL. (N) DOWN GUY AND ANCHOR	EACH	2	PL. (N) 30" X 48" X 30" HANDHOLE
PL. (N) SIDEWALK DOWN GUY W/ ANCHOR	EACH	0	PL. (N) 1/2" X 8' GROUND ROD
PL. (N) SPLICE CASE	EACH	1	PL. (N) #14 AWG LOCATE WIRE
ASPHALT RESTORATION	S.F.	32	PL. (N) 4' X 4' BORE PIT
LANDSCAPE RESTORATION	S.F.	16	

RECORD DRAWING

NG WEST, LLC

2055 SOUTH STEARMAN DRIVE
CHANDLER, ARIZONA 85286

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CIVIL SEAL:

PROJECT NAME:
NM01019P

CITY OF ALBUQUERQUE

ALBUQUERQUE, NM
BERNALILLO COUNTY

PREPARED BY:

WHERE QUALITY STILL COUNTS

REV. #	DESCRIPTION	BY	DATE
5	CC REDLINES 8-13-18	LR	8-13-18
6	CC REDLINES 8-14-18	GT	8-14-18
7	CC REDLINES 8-29-18	TH	8-29-18
8	DB REDLINES 9-25-18	LR	9-25-18
9	DB REDLINES 10-09-18	LR	10-09-18

DRAWN BY: GT 8-29-17

SHEET NUMBER: C4 OF C8

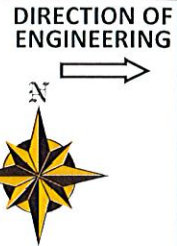
C4

POLE DATA	
WALKOUT POLE: 15	
OWNER: PNM	
POLE #: N/T	
HEIGHT: 36'-4"	CLASS: -----
POA: XX.XX LASH TO (N) STRAND	
ATTACHMENT: -----	
EX ATTM 1: PRIMARY / 34'-8"	
EX ATTM 2: PRIMARY / 30'-10"	
EX ATTM 3: SECONDARY / 26'-9"	
EX ATTM 4: NEUTRAL / 26'-7"	
EX ATTM 5: COMMUNICATION / 22'-4"	
EX ATTM 6: COMMUNICATION / 21'-0"	
EX ATTM 7: COMMUNICATION / 19'-9"	
EX ATTM 8: -----	
EX ANCHOR: -----	
EX ANCHOR: -----	
EX ANCHOR: -----	
PLACE RISER: -----	

POLE DATA	
WALKOUT POLE: 16	
OWNER: PNM	
POLE #: N/T	
HEIGHT: 36'-6"	CLASS: -----
POA: XX.XX LASH TO (N) STRAND	
ATTACHMENT: -----	
EX ATTM 1: PRIMARY / 35'-0"	
EX ATTM 2: NEUTRAL / 26'-4"	
EX ATTM 3: COMMUNICATION / 22'-5"	
EX ATTM 4: COMMUNICATION / 21'-7"	
EX ATTM 5: COMMUNICATION / 19'-11"	
EX ATTM 6: -----	
EX ATTM 7: -----	
EX ATTM 8: -----	
EX ANCHOR: -----	
EX ANCHOR: -----	
EX ANCHOR: -----	
PLACE RISER: -----	

POLE DATA	
WALKOUT POLE: 17	
OWNER: PNM	
POLE #: J2114143	
HEIGHT: 91'-6"	CLASS: -----
POA: XX.XX LASH TO (N) STRAND	
ATTACHMENT: -----	
EX ATTM 1: PRIMARY / 38'-7"	
EX ATTM 2: NEUTRAL / 26'-1"	
EX ATTM 3: COMMUNICATION / 22'-9"	
EX ATTM 4: COMMUNICATION / 22'-3"	
EX ATTM 5: COMMUNICATION / 20'-11"	
EX ATTM 6: -----	
EX ATTM 7: -----	
EX ATTM 8: -----	
EX ANCHOR: -----	
EX ANCHOR: -----	
EX ANCHOR: -----	
PLACE RISER: -----	

POLE DATA	
WALKOUT POLE: 18	
OWNER: PNM	
POLE #: N/T	
HEIGHT: 36'-6"	CLASS: -----
POA: XX.XX LASH TO (N) STRAND	
ATTACHMENT: -----	
EX ATTM 1: PRIMARY / 35'-0"	
EX ATTM 2: NEUTRAL / 26'-4"	
EX ATTM 3: COMMUNICATION / 22'-11"	
EX ATTM 4: COMMUNICATION / 20'-10"	
EX ATTM 5: COMMUNICATION / 19'-2"	
EX ATTM 6: -----	
EX ATTM 7: -----	
EX ATTM 8: -----	
EX ANCHOR: -----	
EX ANCHOR: -----	
EX ANCHOR: -----	
PLACE RISER: -----	



PARCEL ADDRESS
7202 CENTRAL
AVE SE

ZUNI RD SE

PARCEL ADDRESS
7404 ZUNI
RD SE

PARCEL ADDRESS
7412 ZUNI
RD SE

PARCEL ADDRESS
400 MESILLA
ST SE

SEE SHEET C1
MATCHLINE STA. 1+50 E

MATCHLINE STA. 7+50 E
SEE SHEET C6

THIS SHEET REQUIRES:					
DESCRIPTION	UNIT	QTY.	UNIT DESCRIPTION	UNIT	QTY.
PL. (N) 288 CNT FOC W/ 10M STRAND	L. FT.	600	BORE & PL. (N) (3) - 1 1/2" HDPE CONDUITS	L. FT.	0
PL. (N) 288 CNT FOC SLACK LOOP	L. FT.	0	BORE & PL. (N) (1) - 25X COPPER	L. FT.	0
PL. (N) 48 CNT FOC W/ 10M STRAND	L. FT.	0	TRENCH & PL. (N) (3) - 1 1/2" HDPE CONDUITS	L. FT.	0
PL. (N) 48 CNT FOC SLACK LOOP	L. FT.	0	TRENCH & PL. (N) (1) - 25X COPPER	L. FT.	0
PL. (N) 1 SC/APC TO LC/UPC SINGLE FIBER JUMPER	EACH	0	PL. (N) 288 CNT FOC	L. FT.	0
PL. (N) 25X COPPER	L. FT.	600	PL. (N) 288 CNT FOC SLACK LOOP	L. FT.	0
PL. (N) 25X COPPER SLACK LOOP	L. FT.	0	PL. (N) 48 CNT FOC	L. FT.	0
PL. (N) 10M STRAND OVERHEAD GUY	L. FT.	0	PL. (N) 48 CNT FOC SLACK LOOP	L. FT.	0
PL. (N) MID SPAN STORAGE ASSEMBLY	EACH	0	PL. (N) 25X COPPER	L. FT.	0
PL. (N) 2" RISER	EACH	0	PL. (N) 25X COPPER SLACK LOOP	L. FT.	0
PL. (N) DOWN GUY AND ANCHOR	EACH	0	PL. (N) 30" X 48" X 30" HANDHOLE	EACH	0
PL. (N) SIDEWALK DOWN GUY W/ ANCHOR	EACH	0	PL. (N) 5/8" X 8" GROUND ROD	EACH	0
PL. (N) SPLICE CASE	EACH	0			

**NOTE: SHEETS CONTAINING AERIAL
DESIGN, WILL SHOW UNDERGROUND
UTILITIES ONLY WHERE APPLICABLE.**

FULL SIZE 34X22 - 1" = 20'
HALF SIZE 11X17 - 1" = 40'

CPN 722584

RECORD DRAWING



NG WEST, LLC
2055 SOUTH STEARMAN DRIVE
CHANDLER, ARIZONA 85286

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CIVIL SEAL:



PROJECT NAME:
NM01019P

CITY OF ALBUQUERQUE
ALBUQUERQUE, NM
BERNALILLO COUNTY

PREPARED BY:



REV. #	DESCRIPTION	BY	DATE
5	CC REDLINES 8-13-18	LR	8-13-18
6	CC REDLINES 8-14-18	GT	8-14-18
7	CC REDLINES 8-29-18	TH	8-29-18
8	DB REDLINES 9-28-18	LR	9-28-18
9	DB REDLINES 10-09-18	LR	10-09-18

C5

STATE: NEW MEXICO

COUNTY: BERNALILLO

CITY: ALBUQUERQUE

DRAWN BY: GT 9-26-17

SHEET NUMBER: C5 OF C8

DIRECTION OF
ENGINEERING



POLE DATA	
WALKOUT POLE: 20	
OWNER: PNM	
POLE #: N/T	
HEIGHT: 36'-8"	CLASS: -----
POA: XX.XX LASH TO (N) STRAND	
ATTACHMENT: -----	
EX ATT1: PRIMARY / 35'-3"	
EX ATT2: NEUTRAL / 26'-8"	
EX ATT3: STREET LIGHT / 25'-5"	
EX ATT4: COMMUNICATION / 22'-9"	
EX ATT5: COMMUNICATION / 21'-4"	
EX ATT6: COMMUNICATION / 20'-3"	
EX ATT7: -----	
EX ATT8: -----	
EX ANCHOR: -----	
EX ANCHOR: -----	
EX ANCHOR: -----	
PLACE RISER: -----	

POLE DATA	
WALKOUT POLE: 21	
OWNER: PNM	POLE #: N/T
HEIGHT: N/A	CLASS: N/A
POA: XX.XX ATTACH TO OVERHEAD GUY STRAND	
ATTACHMENT: N/A	
EX GUY ATT1: N/A	
EX GUY ATT2: N/A	
EX GUY ATT3: N/A	
EX GUY ATT4: N/A	
EX ANCHOR: N/A	
EX ANCHOR: N/A	
PLACE RISER: N/A	

POLE DATA	
WALKOUT POLE: 19	
OWNER: PNM	
POLE #: N/T	
HEIGHT: 36'-1"	CLASS: -----
POA: XX.XX LASH TO (N) STRAND	
ATTACHMENT: -----	
EX ATT1: PRIMARY / 34'-8"	
EX ATT2: PRIMARY / 33'-1"	
EX ATT3: NEUTRAL / 26'-4"	
EX ATT4: COMMUNICATION / 23'-0"	
EX ATT5: COMMUNICATION / 22'-2"	
EX ATT6: COMMUNICATION / 21'-5"	
EX ATT7: COMMUNICATION / 20'-2"	
EX ATT8: -----	
EX ANCHOR: -----	
EX ANCHOR: -----	
EX ANCHOR: -----	
PLACE RISER: -----	

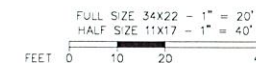
POLE DATA	
WALKOUT POLE: 22	
OWNER: PNM	
POLE #: H17B136	
HEIGHT: 33'-11"	CLASS: -----
POA: XX.XX LASH TO (N) STRAND	
ATTACHMENT: -----	
EX ATT1: TRANSFORMER / 29'-0"	
EX ATT2: NEUTRAL / 25'-7"	
EX ATT3: COMMUNICATION / 17'-3"	
EX ATT4: -----	
EX ATT5: -----	
EX ATT6: -----	
EX ATT7: -----	
EX ATT8: -----	
EX ANCHOR: -----	
EX ANCHOR: -----	
EX ANCHOR: -----	
PLACE RISER: -----	

THIS SHEET REQUIRES:

DESCRIPTION	UNIT	QTY.	UNIT DESCRIPTION	UNIT	QTY.
PL. (N) 288 CNT FOC W/ 10M STRAND	L. FT.	292	BORE & PL. (N) (3) - 1 1/2" HDPE CONDUITS	L. FT.	0
PL. (N) 288 CNT FOC SLACK LOOP	L. FT.	300	BORE & PL. (N) (1) - 25X COPPER	L. FT.	0
PL. (N) 48 CNT FOC W/ 10M STRAND	L. FT.	0	TRENCH & PL. (N) (3) - 1 1/2" HDPE CONDUITS	L. FT.	0
PL. (N) 48 CNT FOC SLACK LOOP	L. FT.	0	TRENCH & PL. (N) (1) - 25X COPPER	L. FT.	0
PL. (N) 1 SC/APC TO LC/UPC SINGLE FIBER JUMPER	EACH	2	PL. (N) 288 CNT FOC	L. FT.	0
PL. (N) 25X COPPER	L. FT.	292	PL. (N) 288 CNT FOC SLACK LOOP	L. FT.	0
PL. (N) 25X COPPER SLACK LOOP	L. FT.	20	PL. (N) 48 CNT FOC	L. FT.	0
PL. (N) 10M STRAND OVERHEAD GUY	L. FT.	186	PL. (N) 48 CNT FOC SLACK LOOP	L. FT.	0
PL. (N) MID SPAN STORAGE ASSEMBLY	EACH	0	PL. (N) 25X COPPER	L. FT.	0
PL. (N) 2" RISER	EACH	0	PL. (N) 25X COPPER SLACK LOOP	L. FT.	0
PL. (N) DOWN GUY AND ANCHOR	EACH	1	PL. (N) 30" X 48" X 30" HANDHOLE	EACH	0
PL. (N) SIDEWALK DOWN GUY W/ ANCHOR	EACH	0	PL. (N) 5/8" X 8' GROUND ROD	EACH	0
PL. (N) SPICE CASE	EACH	2			

MATCHLINE STA. 1+50 S
SEE SHEET C7

NOTE: SHEETS CONTAINING AERIAL
DESIGN, WILL SHOW UNDERGROUND
UTILITIES ONLY WHERE APPLICABLE.



NG WEST, LLC

2055 SOUTH STEARMAN DRIVE
CHANDLER, ARIZONA 85286

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CIVIL SEAL:



PROJECT NAME:
NM01019P

CITY OF ALBUQUERQUE
ALBUQUERQUE, NM
BERNALILLO COUNTY

PREPARED BY:



REV. #	DESCRIPTION	BY	DATE
5	CC REDLINES 8-13-18	LR	8-13-18
6	CC REDLINES 8-14-18	GT	8-14-18
7	CC REDLINES 8-29-18	TH	8-29-18
8	DB REDLINES 9-28-18	LR	9-28-18
9	DB REDLINES 10-09-18	LR	10-09-18

C6

DRAWN BY: GT 9-28-17

STATE: NEW MEXICO

COUNTY: BERNALILLO

CITY: ALBUQUERQUE

SHEET NUMBER: C6 OF C8

CPN 722584

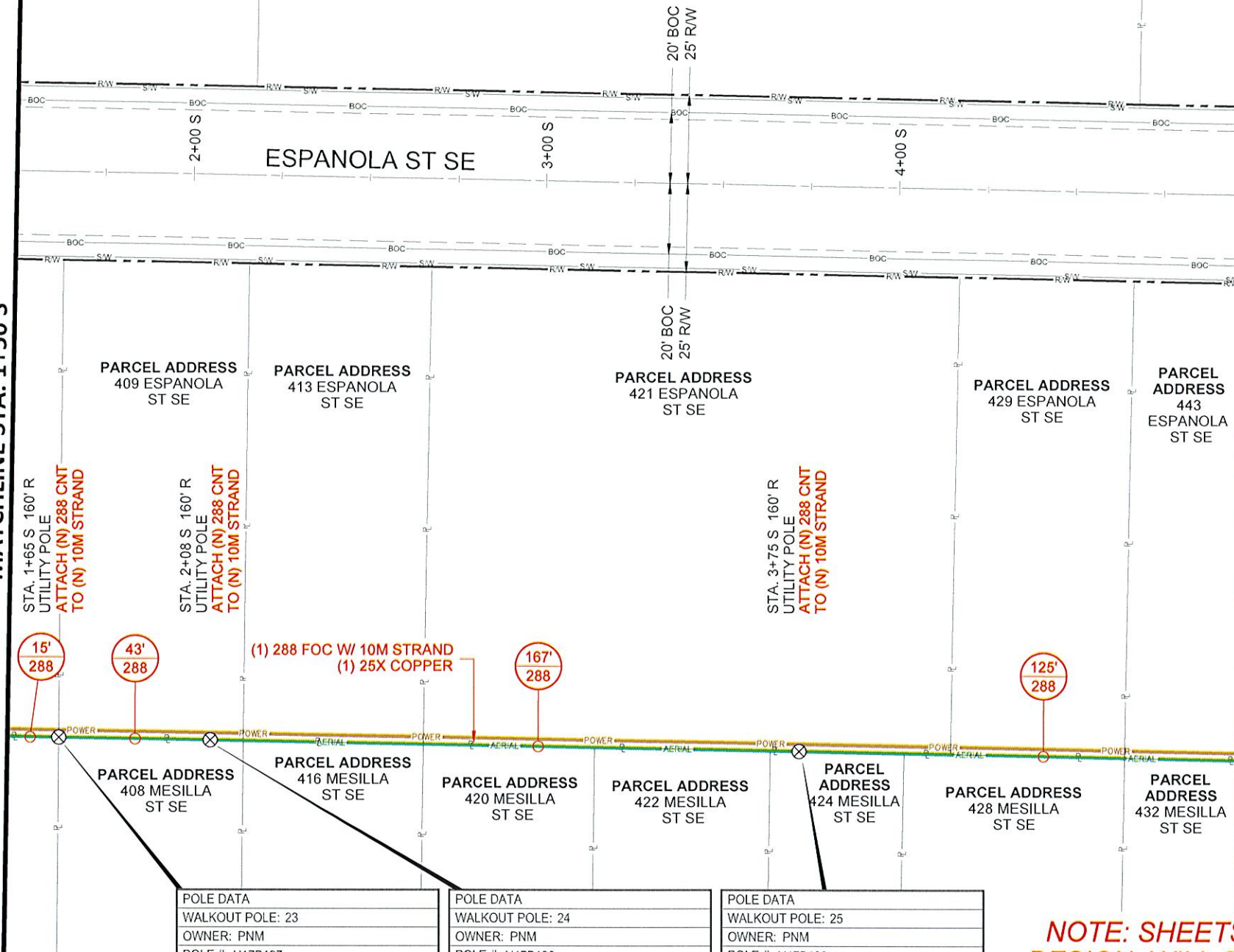
RECORD DRAWING

DIRECTION OF
ENGINEERING



SEE SHEET C6
MATCHLINE STA. 1+50 S

MATCHLINE STA. 5+00 S
SEE SHEET C8



POLE DATA	
WALKOUT POLE: 23	
OWNER: PNM	
POLE #: H17B137	
HEIGHT: 33'-1" CLASS: -----	
POA: XX.XX LASH TO (N) STRAND	
ATTACHMENT: -----	
EX ATT1: PRIMARY / 32'-9"	
EX ATT2: CAPACITOR / 30'-0"	
EX ATT3: NEUTRAL / 24'-6"	
EX ATT4: COMMUNICATION / 17'-0"	
EX ATT5: -----	
EX ATT6: -----	
EX ATT7: -----	
EX ATT8: -----	
EX ANCHOR: -----	
EX ANCHOR: -----	
EX ANCHOR: -----	
PLACE RISER: -----	

POLE DATA	
WALKOUT POLE: 24	
OWNER: PNM	
POLE #: H17B138	
HEIGHT: 15'-7" CLASS: -----	
POA: XX.XX LASH TO (N) STRAND	
ATTACHMENT: -----	
EX ATT1: TRANSFORMER / 13'-2"	
EX ATT2: -----	
EX ATT3: -----	
EX ATT4: -----	
EX ATT5: -----	
EX ATT6: -----	
EX ATT7: -----	
EX ATT8: -----	
EX ANCHOR: -----	
EX ANCHOR: -----	
EX ANCHOR: -----	
PLACE RISER: -----	

POLE DATA	
WALKOUT POLE: 25	
OWNER: PNM	
POLE #: H17B139	
HEIGHT: 33'-7" CLASS: -----	
POA: XX.XX LASH TO (N) STRAND	
ATTACHMENT: -----	
EX ATT1: PRIMARY / 34'-4"	
EX ATT2: TRANSFORMER / 29'-1"	
EX ATT3: PRIMARY / SECONDARY 26'-1"	
EX ATT4: NEUTRAL / 24'-1"	
EX ATT5: SECONDARY / 19'-3"	
EX ATT6: COMMUNICATION / 18'-6"	
EX ATT7: -----	
EX ATT8: -----	
EX ANCHOR: -----	
EX ANCHOR: -----	
EX ANCHOR: -----	
PLACE RISER: -----	

NOTE: SHEETS CONTAINING AERIAL
DESIGN, WILL SHOW UNDERGROUND
UTILITIES ONLY WHERE APPLICABLE.

CPN 722584

RECORD DRAWING

FULL SIZE 34x22 - 1" = 20'
HALF SIZE 11x17 - 1" = 40'

THIS SHEET REQUIRES:					
DESCRIPTION	UNIT	QTY.	UNIT DESCRIPTION	UNIT	QTY.
PL. (N) 288 CNT FOC W/ 10M STRAND	L. FT.	350	BORE & PL. (N) (3) - 1 1/2" HDPE CONDUITS	L. FT.	0
PL. (N) 288 CNT FOC SLACK LOOP	L. FT.	0	BORE & PL. (N) (1) - 25X COPPER	L. FT.	0
PL. (N) 48 CNT FOC W/ 10M STRAND	L. FT.	0	TRENCH & PL. (N) (3) - 1 1/2" HDPE CONDUITS	L. FT.	0
PL. (N) 48 CNT FOC SLACK LOOP	L. FT.	0	TRENCH & PL. (N) (1) - 25X COPPER	L. FT.	0
PL. (N) 1 SC/APC TO LC/UPC SINGLE FIBER JUMPER	EACH	0	PL. (N) 288 CNT FOC	L. FT.	0
PL. (N) 25X COPPER	L. FT.	350	PL. (N) 288 CNT FOC SLACK LOOP	L. FT.	0
PL. (N) 25X COPPER SLACK LOOP	L. FT.	0	PL. (N) 48 CNT FOC	L. FT.	0
PL. (N) 10M STRAND OVERHEAD GUY	L. FT.	0	PL. (N) 48 CNT FOC SLACK LOOP	L. FT.	0
PL. (N) MID SPAN STORAGE ASSEMBLY	EACH	0	PL. (N) 25X COPPER	L. FT.	0
PL. (N) 2" RISER	EACH	0	PL. (N) 25X COPPER SLACK LOOP	L. FT.	0
PL. (N) DOWN GUY AND ANCHOR	EACH	0	PL. (N) 30" X 48" X 30" HANDHOLE	EACH	0
PL. (N) SIDEWALK DOWN GUY W/ ANCHOR	EACH	0	PL. (N) 5/8" X 8' GROUND ROD	EACH	0
PL. (N) SPLICE CASE	EACH	0			



NG WEST, LLC

2055 SOUTH STEARMAN DRIVE
CHANDLER, ARIZONA 85286

DRAWING DISCLAIMER

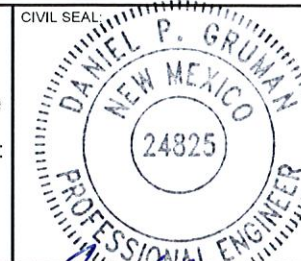
Facility locations are
general in nature. WYCO
Field Services will not be
held accountable for the
accuracy of the information
provided in these drawings.

CAUTION

Foreign utility locations are
approximate. It is the construction
contractor's responsibility to contact the
local one call agency 48 hours prior to
construction for exact utility locations at:



CIVIL SEAL:



PROJECT NAME:
NM01019P

CITY OF ALBUQUERQUE

ALBUQUERQUE, NM
BERNALILLO COUNTY

PREPARED BY:



REV. #	DESCRIPTION	BY	DATE
5	CC REDLINES 8-13-16	LR	8-13-16
6	CC REDLINES 8-14-16	GT	8-14-16
7	CC REDLINES 8-29-16	TH	8-29-16
8	DB REDLINES 9-28-16	LR	9-28-16
9	DB REDLINES 10-09-16	LR	10-09-16

C7

STATE: NEW MEXICO

COUNTY: BERNALILLO

CITY: ALBUQUERQUE

DRAWN BY: GT 9-28-17

SHEET NUMBER: C7 OF C8

POLE DATA
WALKOUT POLE: 26
OWNER: PNM
POLE #: H17B140
HEIGHT: 31'-6" CLASS: -----
POA: XX.XX LASH TO (N) STRAND
ATTACHMENT: -----
EX ATT1 1: PRIMARY / 31'-0"
EX ATT2 2: TRANSFORMER / 25'-9"
EX ATT3 3: PRIMARY / 22'-3"
EX ATT4 4: PRIMARY / 21'-1"
EX ATT5 5: PRIMARY / 20'-5"
EX ATT6 6: COMMUNICATION / 17'-6"
EX ATT7 7: COMMUNICATION / 16'-6"
EX ATT8 8: -----
EX ANCHOR: -----
EX ANCHOR: -----
EX ANCHOR: -----
PLACE RISER: -----

POLE DATA
WALKOUT POLE: 27
OWNER: PNM
POLE #: H17B346
HEIGHT: 33'-4" CLASS: -----
POA: XX.XX LASH TO (N) STRAND
ATTACHMENT: -----
EX ATT1 1: PRIMARY / 32'-11"
EX ATT2 2: TRANSFORMER / 27'-5"
EX ATT3 3: PRIMARY / 25'-3"
EX ATT4 4: PRIMARY / 24'-3"
EX ATT5 5: NEUTRAL / 23'-4"
EX ATT6 6: NEUTRAL / 22'-4"
EX ATT7 7: COMMUNICATION / 16'-11"
EX ATT8 8: COMMUNICATION / 15'-10"
EX ANCHOR: -----
EX ANCHOR: -----
EX ANCHOR: -----
PLACE RISER: -----

POLE DATA	
WALKOUT POLE: 28	
OWNER: PNM	
POLE #: H17B141	
HEIGHT: 34'-5"	CLASS: -----
POA: XX.XX LASH TO (N) STRAND	
ATTACHMENT: -----	
EX ATTM 1: PRIMARY / 33'-9"	
EX ATTM 2: PRIMARY / 27'-9"	
EX ATTM 3: PRIMARY / 26'-6"	
EX ATTM 4: PRIMARY / 25'-4"	
EX ATTM 5: STREET LIGHT / 24'-3"	
EX ATTM 6: COMMUNICATION 1 / 21'-2"	
EX ATTM 7: COMMUNICATION 2 / 20'-2"	
EX ATTM 8: -----	
EX ANCHOR: -----	
EX ANCHOR: -----	
EX ANCHOR: -----	
PLACE RISER: -----	

THIS SHEET REQUIRES:						
DESCRIPTION	UNIT	QTY.		UNIT DESCRIPTION	UNIT	QTY.
PL. (N) 288 CNT FOC W/ 10M STRAND	L. FT.	295		BORE & PL. (N) (3) - 1 1/4" HDPE CONDUITS	L. FT.	0
PL. (N) 288 CNT FOC SLACK LOOP	L. FT.	100		BORE & PL. (N) (1) - 25X COPPER	L. FT.	0
PL. (N) 48 CNT FOC W/ 10M STRAND	L. FT.	0		TRENCH & PL. (N) (3) - 1 1/4" HDPE CONDUITS	L. FT.	0
PL. (N) 48 CNT FOC SLACK LOOP	L. FT.	0		TRENCH & PL. (N) (1) - 25X COPPER	L. FT.	0
PL. (N) 1 SC/APC TO LC/UPC SINGLE FIBER JUMPER	EACH	1		PL. (N) 288 CNT FOC	L. FT.	0
PL. (N) 25X COPPER	L. FT.	295		PL. (N) 288 CNT FOC SLACK LOOP	L. FT.	0
PL. (N) 25X COPPER SLACK LOOP	L. FT.	10		PL. (N) 48 CNT FOC	L. FT.	0
PL. (N) 10M STRAND OVERHEAD GUY	L. FT.	158		PL. (N) 48 CNT FOC SLACK LOOP	L. FT.	0
PL. (N) MID SPAN STORAGE ASSEMBLY	EACH	0		PL. (N) 25X COPPER	L. FT.	0
PL. (N) 2" RISER	EACH	0		PL. (N) 25X COPPER SLACK LOOP	L. FT.	0
PL. (N) DOWN GUY AND ANCHOR	EACH	3		PL. (N) 30" X 48" X 30" HANDHOLE	EACH	0
PL. (N) SIDEWALK DOWN GUY W/ ANCHOR	EACH	0		PL. (N) 5/8" X 8' GROUND ROD	EACH	0
PL. (N) SPICE CASE	EACH	1				

PARCEL ADDRESS
7300 BELL AVE SE

STA. 6+76 S 41' R
UTILITY POLE
ATTACH (N) 288 CNT
TO (N) 10M STRAND
PL. (N) 1 - 100' 288 CNT
FOC SLACK LOOP
PL. (N) 1 SCI/APC TO LC/UFC
SINGLE FIBER JUMPER
PL. (N) 10' SLACK LOOP
PL. (N) SPLICE CASE

NODE SITE:
ABQ-16

BELL AVE SE

PARCEL ADDRESS
511 ESPANOLA ST SE

ESPANOLA ST SE

PARCEL
ADDRESS
7512 DIXON
RD SE

STA. 6+75 S 117' L
UTILITY POLE
ATTACH (N)
10M STRAND

PL. (N) (1) - $\frac{5}{8}$ " DOUBLE
EYE S/W ANCHOR W/
10M DOWN GUY L=10'

POLE DATA	
WALKOUT POLE: 29	
OWNER: PNM	
POLE #: A0058317	
HEIGHT: 33'-9"	CLASS: -----
POA: XX.XX LASH TO (N) STRAND	

POLE DATA	
WALKOUT POLE: 31	
OWNER: PNM	
POLE #: N/A	
HEIGHT: N/A	CLASS: -----
POA: XX.XX LASH TO (N) STRAND	
ATTACHMENT: -----	
EX ATT1 M: NEUTRAL / 25'-8"	
EX ATT2 M: CATV / 22'-4"	
EX ATT3 M: N/A	
EX ATT4 M: N/A	
EX ATT5 M: N/A	
EX ATT6 M: N/A	
EX ATT7 M: N/A	
EX ATT8 M: N/A	
EX ANCHOR: N/A	
EX ANCHOR: N/A	
EX ANCHOR: N/A	
PLACE RISER: N/A	

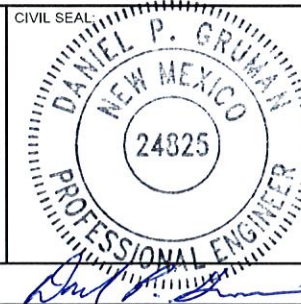
POLE DATA	
WALKOUT POLE: 30	
OWNER: PNM	
POLE #: N/A	
HEIGHT: N/A	CLASS: -----
POA: XX.XX LASH TO (N) STRAND	
ATTACHMENT: -----	
EX ATT1 1: NEUTRAL / 25'-8"	
EX ATT2 2: CATV / 22'-4"	
EX ATT3 3: N/A	
EX ATT4 4: N/A	
EX ATT5 5: N/A	
EX ATT6 6: N/A	
EX ATT7 7: N/A	
EX ATT8 8: N/A	
EX ANCHOR: N/A	
EX ANCHOR: N/A	
EX ANCHOR: N/A	
PLACE RISER: N/A	

**NOTE: SHEETS CONTAINING AERIAL
DESIGN, WILL SHOW UNDERGROUND
UTILITIES ONLY WHERE APPLICABLE.**

2055 SOUTH STEARMAN DRIVE
CHANDLER, ARIZONA 85286

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PROJECT NAME:
NM01019P

CITY OF ALBUQUERQUE

ALBUQUERQUE, NM
BERNALILLO COUNTY

PREPARED BY:

WYCO
FIELD SERVICES
WHERE QUALITY STILL COUNTS

REV. #	DESCRIPTION	BY	DATE
5	CC REDLINES 8-13-18	LR	8-13-18
6	CC REDLINES 8-14-18	GT	8-14-18
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C8

STATE: NEW MEXICO

COUNTY: BERNALILLO

CITY: ALBUQUERQUE

SHEET NUMBER: C8 OF C8