

CONSTRUCTION PLANS  
FOR  
PNM - LA MORADA SUBSTATION  
SIDEWALK AND DRIVEPAD INSTALLATION  
ALBUQUERQUE, NEW MEXICO

INDEX

SHEET NUMBER	DESCRIPTION
1	COVER SHEET
2	ALTA
3	APPROVED GRADING AND DRAINAGE PLAN
4	PROPOSED SITE PLAN
5	SITE PLAN DETAILS

NOTES

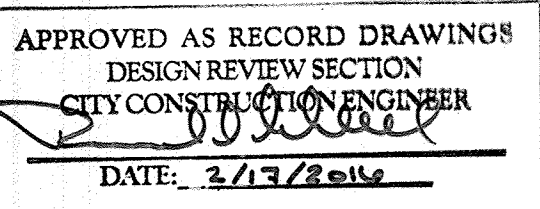
1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
2. CONTRACTOR SHALL PROVIDE THE INSPECTORS, (CITY AND PRIVATE) WITH THE PROPOSED HYDROSTATIC TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
3. REMOVAL AND REPLACEMENT OF THE EXISTING CURB & GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAWCUT ONLY). REMOVE CURB TO NEAREST JOINT. REMOVAL AND REPLACEMENT OF EXISTING SIDEWALK SHALL BE TO NEAREST JOINT.
4. WHEN TYING NEW SIDEWALK TO EXISTING SIDEWALK CONTRACTOR SHALL MATCH EXISTING SIDEWALK CROSS SLOPE WITHIN THE LAST FIVE FEET OF NEW SIDEWALK.

CONSTRUCTION NOTES:

1. THE CONTRACTOR SHALL ABIDE BY ALL LOCAL, STATE, AND FEDERAL LAWS, RULES AND REGULATIONS WHICH APPLY TO THE CONSTRUCTION OF THESE IMPROVEMENTS.
2. ALL ELECTRICAL, TELEPHONE, CABLE TV, GAS AND OTHER UTILITY LINES, CABLES AND APPURTENANCES ENCOUNTERED DURING CONSTRUCTION THAT REQUIRE RELOCATION, SHALL BE COORDINATED WITH THAT UTILITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL NECESSARY UTILITY ADJUSTMENTS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR DELAYS OR INCONVENIENCES CAUSED BY UTILITY COMPANY WORK CREWS. THE CONTRACTOR MAY BE REQUIRED TO RESCHEDULE HIS ACTIVITIES TO ALLOW UTILITY CREWS TO PERFORM THEIR REQUIRED WORK.
3. DISPOSAL SITE FOR ALL EXCESS EXCAVATION MATERIAL, AND UNSUITABLE MATERIAL SHALL BE OBTAINED BY THE CONTRACTOR IN COMPLIANCE WITH APPLICABLE ENVIRONMENTAL REGULATIONS AND APPROVED BY THE CONSTRUCTION ENGINEER. ALL COSTS INCURRED IN OBTAINING A DISPOSAL SITE AND HAUL THERE TO SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT SHALL BE MADE.
4. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING THE EXISTING UTILITY LINES WITHIN THE CONSTRUCTION AREA. ANY DAMAGE TO EXISTING FACILITIES CAUSED BY CONSTRUCTION ACTIVITY SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE AND APPROVED BY THE CONSTRUCTION ENGINEER.
5. CONSTRUCTION ACTIVITY SHALL BE LIMITED TO THE PROPERTY AND/OR PROJECT LIMITS. ANY DAMAGE TO ADJACENT PROPERTIES RESULTING FROM THE CONSTRUCTION PROCESS IS THE RESPONSIBILITY OF THE CONTRACTOR. ANY COSTS INCURRED FOR REPAIRS SHALL BE THE COST OF THE CONTRACTOR.
6. OVERNIGHT PARKING OF CONSTRUCTION EQUIPMENT SHALL NOT OBSTRUCT DRIVEWAYS OR DESIGNATED TRAFFIC LANES. THE CONTRACTOR SHALL NOT STORE ANY EQUIPMENT OR MATERIAL WITHIN THE PUBLIC RIGHT-OF-WAY.
7. THE CONTRACTOR SHALL OBTAIN ALL THE NECESSARY PERMITS FOR THE PROJECT PRIOR TO COMMENCING CONSTRUCTION (I.E. BARRICADING, SURFACE DISTURBANCE).

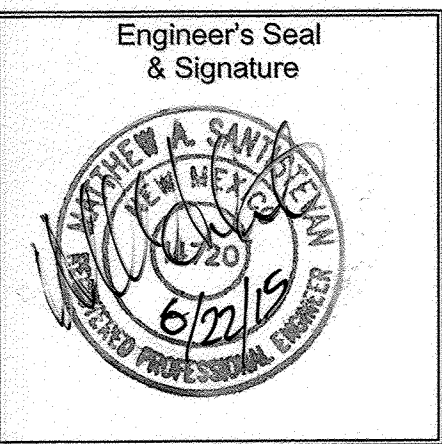
8. ALL BARRICADES AND CONSTRUCTION SIGNING SHALL CONFORM TO APPLICABLE SECTIONS OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD), U.S. DEPARTMENT OF TRANSPORTATION, LATEST EDITION.
9. THE CONTRACTOR SHALL MAINTAIN ALL CONSTRUCTION BARRICADES AND SIGNING AT ALL TIMES. THE CONTRACTOR SHALL VERIFY THE PROPER LOCATION OF ALL BARRICADING AT THE END AND BEGINNING OF EACH DAY.
10. ALL SAWCUT PAVEMENT SHALL HAVE A UNIFORM EDGE AND BE SPRAYED WITH TACK.
11. THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ANY DAMAGE TO EXISTING PAVEMENTS, PAVEMENT MARKINGS, CURB & GUTTER, DRIVE PADS, STRIPING & SIGNAGE, WHEELCHAIR RAMPS, AND SIDEWALK DURING CONSTRUCTION, APART FROM THOSE SECTIONS INDICATED FOR REMOVAL ON THE PLANS AND SHALL REPAIR OR REPLACE PER COA STANDARDS, AT HIS OWN EXPENSE.

12. ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.652.
13. CONTRACTOR SHALL PROVIDE AND MAINTAIN ALL CONSTRUCTION SIGNAGE UNTIL THE PROJECT HAS BEEN ACCEPTED BY THE CITY OF ALBUQUERQUE.
14. ALL SWPPP EROSION CONTROL MEASURES MUST BE REMOVED FROM THE RIGHT OF WAY PRIOR TO FINAL ACCEPTANCE.
15. MAINTAIN PEDESTRIAN PATHWAYS AND ACCESSIBLE ROUTE DURING CONSTRUCTION OR PROVIDE SIDEWALK CLOSED SIGNAGE.



CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Matthew A. Santistevan of the firm of Bohannon Huston, Inc., a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as shown on these drawings (PNM - La Morada Substation Sidewalk and Drivepad Installation) has been inspected by me or by a qualified person under my direct supervision and has been constructed in accordance with the plans and specifications and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This Certification is based on site inspections by me or personnel under my direction and survey information provided by the contractor, Franklin's Earthmoving Inc. and their surveyor, Brian J. Martinez, NMPS 18374.



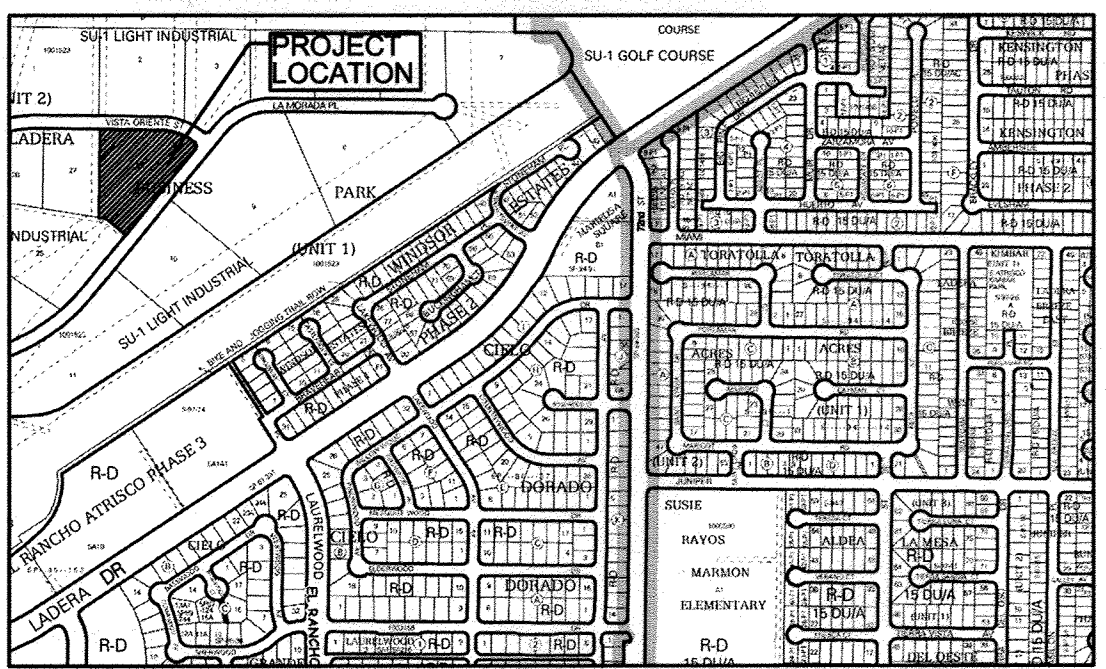
SURVEYOR'S CERTIFICATION

I, BRIAN J. MARTINEZ, A DULY QUALIFIED, REGISTERED, PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF NEW MEXICO, DO HEREBY CERTIFY THAT THE "AS-BUILT" INFORMATION SHOWN ON THESE DRAWINGS WAS OBTAINED FROM FIELD CONSTRUCTION AND "AS-BUILT" SURVEYS PERFORMED BY ME OR UNDER MY SUPERVISION, THAT THE "AS-BUILT" INFORMATION SHOWN ON THESE DRAWINGS WAS ADDED BY ME OR UNDER MY SUPERVISION, AND THAT THIS "AS-BUILT" INFORMATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. CARTESIAN SURVEYS IS NOT RESPONSIBLE FOR ANY OF THE DESIGN CONCEPTS, CALCULATIONS, ENGINEERING, OR INTENT OF THE RECORDED DRAWINGS.

Brian J. Martinez, NMPS 18374

THE CONTRACTOR SHALL PREPARE A CONSTRUCTION TRAFFIC CONTROL AND SIGNING PLAN AND OBTAIN APPROVAL OF SUCH PLAN FROM THE CITY OF ALBUQUERQUE, TRAFFIC ENGINEERING DEPARTMENT, PRIOR TO BEGINNING ANY CONSTRUCTION WORK ON OR ADJACENT TO EXISTING STREETS.

RECORD DRAWINGS



VICINITY MAP H-10-Z

NOTICE TO CONTRACTORS

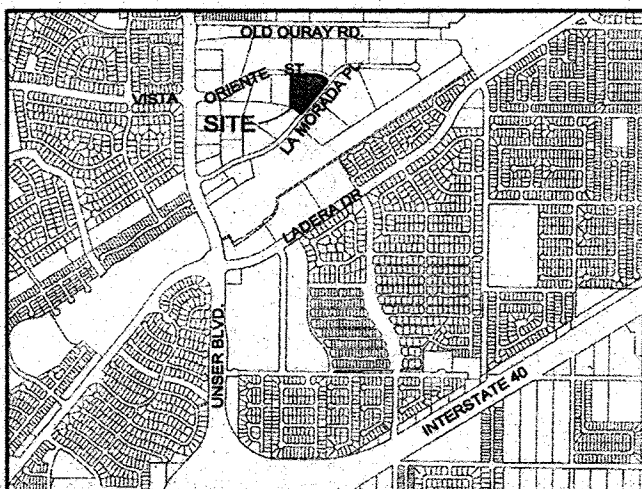
1. AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN THE CITY RIGHT-OF-WAY.
2. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS REVISED THROUGH UPDATE NO. 8, INCLUDING AMENDMENT NO. 1.
3. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (280-1990) FOR LOCATION OF EXISTING UTILITIES.
4. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR SURVEYOR IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
5. SEVEN (7) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT, TO THE CONSTRUCTION COORDINATION DIVISION, A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONST. COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY CONSTRUCTION COORDINATION ENGINEER (924-3400) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
6. ALL WORK AFFECTING ARTERIAL ROADWAYS REQUIRES TWENTY-FOUR HOUR CONSTRUCTION.
7. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED W/ PLASTIC REFLECTORIZED PAVEMENT MARKING BY CONTRACTOR TO THE SAME LOCATION AS EXISTING, OR AS INDICATED BY THIS PLAN SET.
8. CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE CITY SURVEYOR MAY TAKE NECESSARY MEASURES TO ENSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE CITY SURVEYOR AND SHALL NOTIFY THE CITY SURVEYOR AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEYOR. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATIONS OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
9. CONTRACTOR SHALL RECORD DATA ON ALL UTILITY LINES AND ACCESSORIES AS REQUIRED BY THE CITY OF ALBUQUERQUE AND ALBUQUERQUE BERNALILLO COUNTY WATER UTILITY AUTHORITY FOR THE PREPARATION OF "AS CONSTRUCTED" DRAWINGS. CONTRACTOR SHALL NOT COVER UTILITY LINES AND ACCESSORIES UNTIL ALL DATA HAS BEEN RECORDED.
10. CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY GRAFFITI FROM ALL EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.
11. THE CONTRACTOR SHALL COORDINATE WITH THE WATER AUTHORITY SEVEN (7) DAYS IN ADVANCE OF PERFORMING WORK THAT WILL AFFECT THE PUBLIC WATER OR SANITARY SEWER INFRASTRUCTURE. WORK REQUIRING SHUTOFF OF WELL COLLECTORS, TRANSMISSION LINES, OR FACILITIES DESIGNATED AS MASTER PLAN FACILITIES MUST BE COORDINATED WITH THE WATER AUTHORITY 14 DAYS IN ADVANCE OF PERFORMING SUCH WORK. ONLY WATER AUTHORITY CREWS ARE AUTHORIZED TO OPERATE PUBLIC VALVES. SHUTOFF REQUESTS MUST BE MADE ONLINE AT [http://abcwua.org/Water\\_Shut\\_off\\_and\\_Turn\\_on\\_Procedures.aspx](http://abcwua.org/Water_Shut_off_and_Turn_on_Procedures.aspx)

THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

- ☒ ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
- ☐ BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
- ☐ TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE ENGINEER.
- ☐ SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
- ☐ IF CURB IS DEPRESSIONED FOR A DRIVEPAD, THE DRIVEPAD SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.
- ☐ ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.
- ☒ THE REQUESTOR OR DEVELOPER SHALL BE RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ALL CURB AND GUTTER OR SIDEWALK DAMAGED AFTER APPROVAL BY THE CITY ENGINEER OF WORK COMPLETED BY THE CONTRACTOR.

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
ENGINEERS' STAMP & SIGNATURE		APPROVALS		ENGINEER		DATE	
		DRC Chairman		D Woodall		12/5/14	
		Transportation		Ragland/Murphy		12/5/14	
		Water/Wastewater		Miguel/Colson		12/5/14	
		Hydrology		T. Freese		12/14/14	
		Parks					
		Const. Mngmt.					
		Const. Coord.					
DRB CASE NUMBER		CITY PROJECT NO.		SHEET		OF	
14DRB-70343		756482		1		5	





LOCATION MAP  
NOT TO SCALE

LEGEND	
	FIRE HYDRANT
	GUY WIRE ANCHOR
	POWER POLE
	TELEPHONE RELAY BOX
	VALVE-WATER
	OVERHEAD ELECTRIC LINE

DOCUMENT LIST

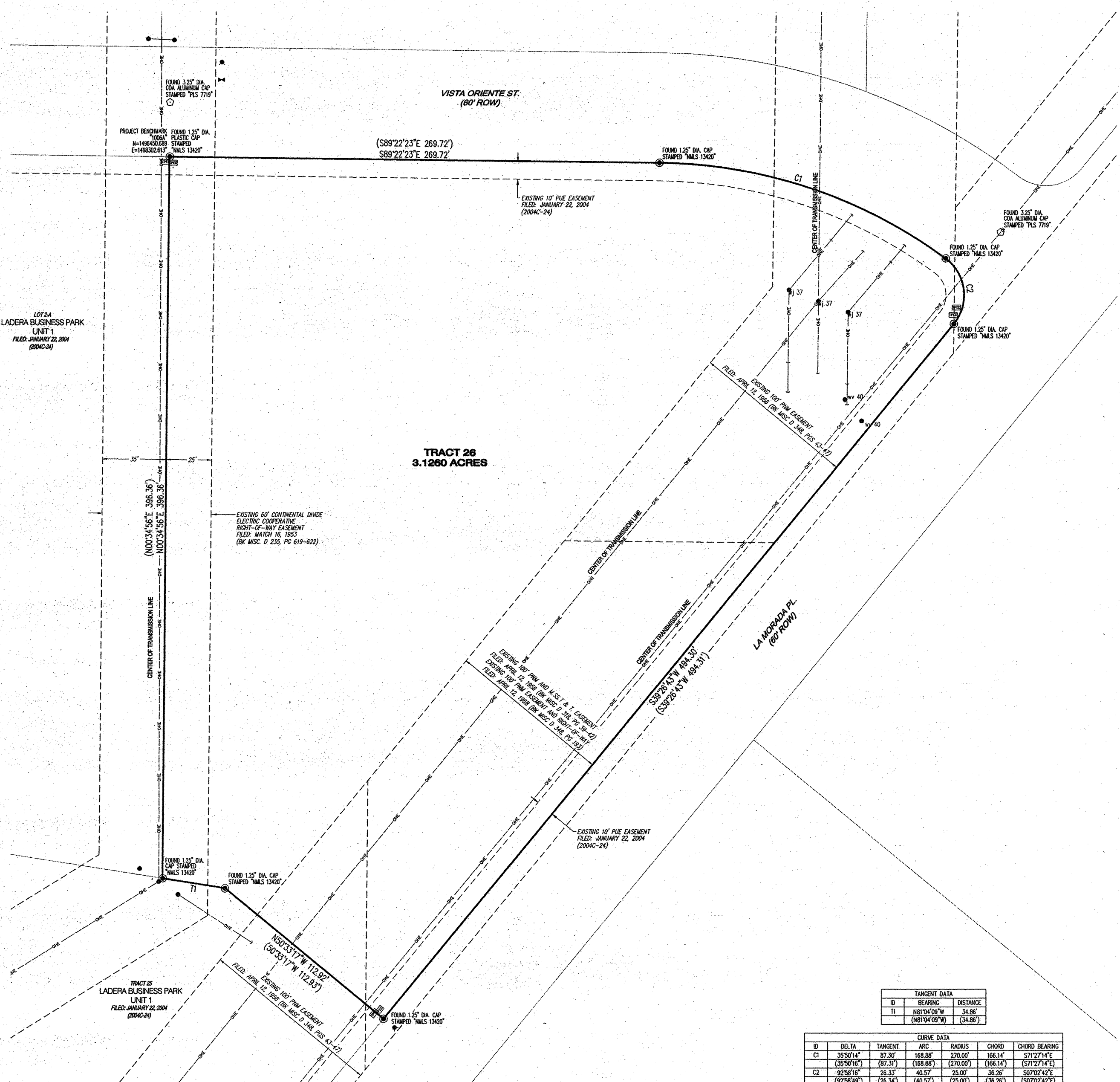
- Documents of public record used in the creation of this ALTA/ACSM document:
- Plat for Ladera Business Park Unit 1, filed in the Office of the County Clerk, Bernalillo County, New Mexico on January 22, 2004 in Book 2004C, Page 24.
  - Title Commitment issued by Stewart Title Guaranty Company, File No. 01147-9852, Effective Date: February 11, 2014.

DESCRIPTION

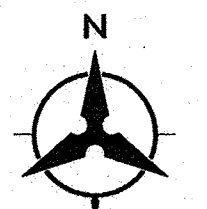
Tract 26, of the Plat for Ladera Business Park Unit 1, as the same is shown and designated on the plat thereof, filed in the Office of the County Clerk of Bernalillo County, New Mexico on January 22, 2004, in Plat Book 2004C, Page 24.

TITLE COMMITMENT SCHEDULE B EXCEPTIONS

- Right or claims of parties in possession not shown by the public records.
- Easements or claims of easements, not shown by the public records.
- Encroachments, overlaps, conflicts in boundary lines, shortages in area, or other matters which would be disclosed by an accurate survey and inspection of the premises.
- Any lien, claim or right to a lien, for services, labor or material heretofore or hereafter furnished, imposed by law and not shown by the public records.
- Community property, survivorship, or homestead rights, if any, of any spouse of the insured (or vestee in a leasehold or lease policy).
- (INTENTIONALLY OMITTED.)
- Water rights, claims or title to water.
- (INTENTIONALLY OMITTED.)
- Taxes for the year 2014, and thereafter.
- Defects, liens, encumbrances, adverse claims or other matters, if any, created first appearing in the public records or attaching subsequent to the effective date hereof but prior to the date the proposed insured acquires for value of records or interest or mortgage thereon covered by the commitment.
- All matters that may be shown on an Improvement Location Report or survey of the property, if one is provided to the title company.
- Materials of whatsoever kind, subsurface and surface substances, including but not limited to coal, lignite, oil, gas, uranium, clay, rock, sand and gravel in, on, under and that may be produced from the Land, together with all rights, privileges, and immunities relating thereto, whether or not appearing in the Public Records or listed in Schedule B. The Company makes no representation as to the present ownership of any such interests. There may be leases, grants, exceptions or reservations of interests that are not listed.
- Reservations and exceptions in the Patent by the United States of America recorded on August 21, 1905, in Book 35, Page 91 records of Bernalillo County, New Mexico.
- Restrictive covenants affecting the insured premises, but omitting any covenant, condition or restriction, if any, based on race, color, religion, sex, handicap, familial status or national origin unless and only to the extent that the covenant, condition or restriction (a) is exempt under Title 42 of the United States Code, or (b) relates to handicap, but does not discriminate against handicapped persons, recorded December 13, 2004, in Book 488, Page 3737, as Doc. No. 2004174214 and recorded January 27, 2005, in Book A91, Page 2882, as Doc. No. 2005012, and as set forth on plat recorded in Plat Book 2004C, Page 24, records of Bernalillo County, New Mexico.
- Easements, and incidental purposes thereto, affecting the insured premises, as shown on the recorded plat, recorded in Plat Book 2004C, Page 24, records of Bernalillo County, New Mexico.
- Right-of-Way Easement, and incidental purposes thereto, granted to Continental Divide Electric Cooperative, recorded March 16, 1953, in Book D235, Page 619, as Doc. No. 83809, records of Bernalillo County, New Mexico.
- Grant of Right of Way, and incidental purposes thereto, granted to Public Service Company of New Mexico, a New Mexico Corporation, recorded April 12, 1956, in Book D-348, Page 193, records of Bernalillo County, New Mexico.
- Right of Way Easements, and incidental purposes thereto, granted to Public Service Company of New Mexico, a New Mexico Corporation, and The Mountain States Telephone and Telegraph Company, a Colorado Corporation, recorded April 12, 1956, in Book D-348, Page 39, as Doc. No. 81892, records of Bernalillo County, New Mexico.
- Right of Way Easements, and incidental purposes thereto, granted to Public Service Company of New Mexico, a New Mexico Corporation, recorded April 12, 1956, in Book D-348, Page 43, as Doc. No. 81893, records of Bernalillo County, New Mexico.
- Terms and conditions of that certain Notice of Subdivision Plat Conditions recorded February 12, 1993, in Book 93-4, Page 2205, as Doc. No. 1993015004, and as set forth on plat recorded in Plat Book 93C, Page 36, records of Bernalillo County, New Mexico.



ALTA/ACSM LAND TITLE SURVEY  
LA MORADA  
SUBSTATION  
CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO  
MARCH, 2014



NOTES

- Site is located within Projected Sections 9 and 10, Township 10 North, Range 2 East, New Mexico Principal Meridian, City of Albuquerque, Bernalillo County, New Mexico.
- Zoning: NOT PROVIDED.
- Gross Acreage: 3.1260 acres.
- Bearings are New Mexico State Plane Grid Bearings (Central Zone) NAD 1983.
- Record Bearings and distances are shown in parentheses ( ).
- Distances are ground distances.
- This ALTA/ACSM Land Title Survey was prepared with information included in the Title Commitment issued by Stewart Title Guaranty Company, File No. 01147-9852, Effective Date: February 11, 2014.
- Stated on Plat of Record: There is a 10' public utility easement along the north and east side of Tract 26. See drawing for additional easements.
- This survey is based on ground modified New Mexico State Plane Coordinate System, Central Zone, NAD83, US Survey foot.
- Project combined factor (located about 0.0) is 0.999969311.
- The project benchmark is "1006A" with project coordinates of N=1,496,450.689, E=1,496,302.613 (Modified Ground Coordinates).
- All property corners were found or set as noted during the course of this survey.
- This ALTA document is not a subdivision of lands as defined by NMSA § 47-6-2. No new tracts or property lines are created hereby.
- The approximate center of the project is located at Latitude 35°06'37"N, Longitude 106°43'35"W.

SURVEYOR'S CERTIFICATE

To: Public Service Company of New Mexico, a New Mexico corporation  
Stewart Title Guaranty Company

This is to certify that this map or plat and the survey on which it is based were made in accordance with the 2011 Minimum Standard Detail Requirements for ALTA/ACSM Land Title Surveys, jointly established and adopted by ALTA and NSPS, the minimum standards for surveying in New Mexico and includes Items 1, 2, 4, 10a, 11a, 13 and 14 of Table A thereof. The field work was completed on March 24, 2014.

*T. S. Bohannon* 3-31-2014  
Timothy S. Bohannon Date



Bohannon & Huston  
7500 JEFFERSON STREET NE ALBUQUERQUE, NEW MEXICO

SHEET 1 OF 1

ALTA  
NOT TO SCALE

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	ALBUQUERQUE SURVEY CONTROL	DATE	FIELD NOTES	DATE	NOT FOR CONSTRUCTION	
WORKED BY	DATE	MONUMENT "1006A"	DATE	BY	DATE		
ACCEPTANCE BY	DATE	NEW MEXICO STATE PLANE COORDINATES:	DATE	NO.	DATE		
FIELD LOCATION BY	DATE	CENTRAL ZONE (NAD 83) AS PUBLISHED:	DATE				
DRAWN BY	DATE	N=1,496,450.689 (MODIFIED GROUND COORDINATES)	DATE			REVISIONS:	DATE
CHECKED BY	DATE	E=1,496,302.613 (MODIFIED GROUND COORDINATES)	DATE				
MICRO-FILM INFORMATION	DATE	GROUND TO GRID FACTOR=0.999969311	DATE				
RECORDED BY	DATE		DATE				
	DATE					DESIGNED BY	DATE
						DRAWN BY	DATE
						CHECKED BY	DATE

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CITY OF ALBUQUERQUE  
DEPARTMENT OF  
MUNICIPAL DEVELOPMENT

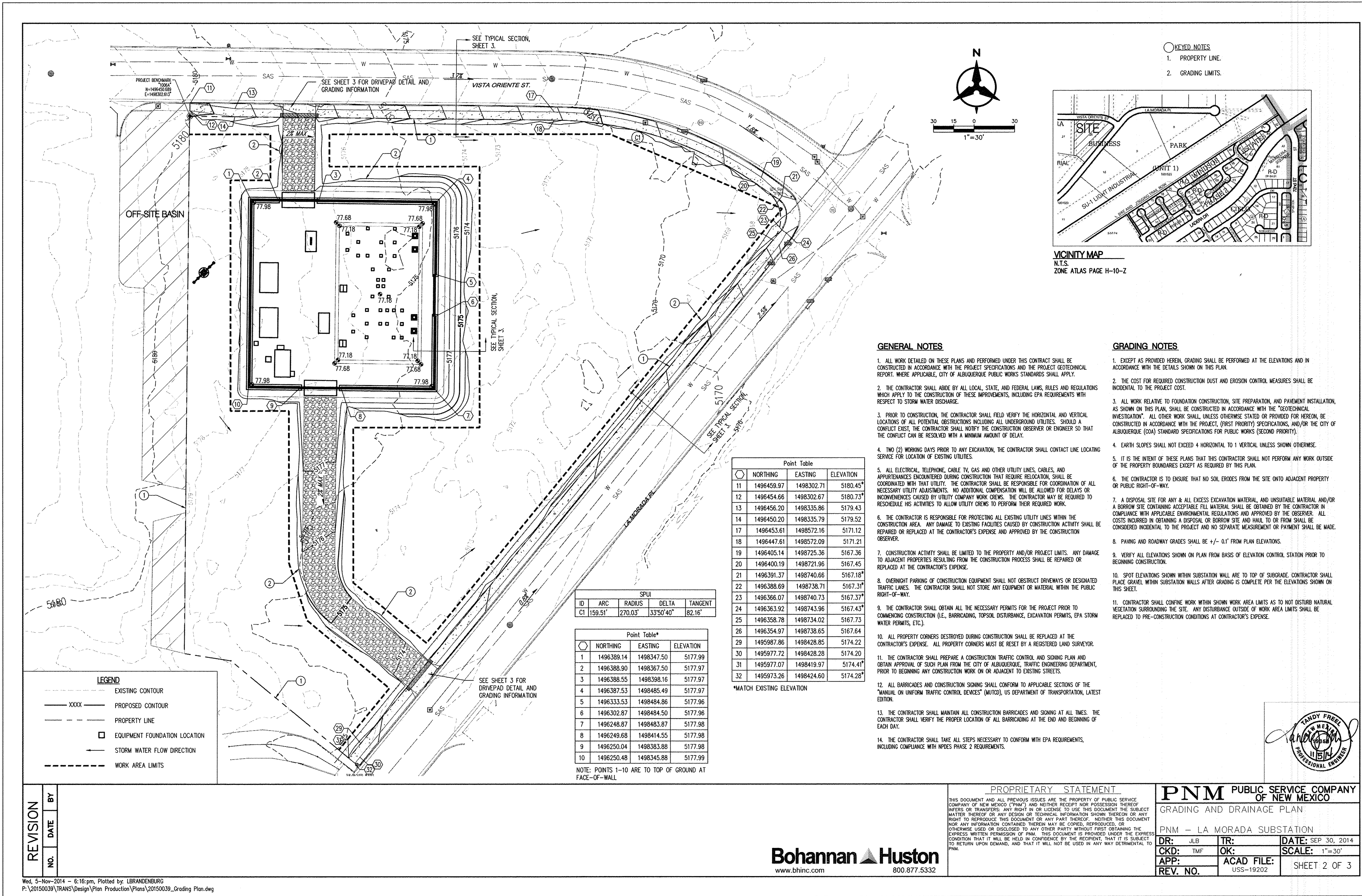
PNM - LA MORADA SUBSTATION SIDEWALK AND DRIVEPAD INSTALLATION

ALTA

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
756482	H-10-Z	2	5





APPROVED GRADING AND DRAINAGE PLAN  
NOT TO SCALE

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	ALBUQUERQUE SURVEY CONTROL	DATE	FIELD NOTES	DATE	NOT FOR CONSTRUCTION	
INSPECTED BY	DATE	MONUMENT "1006A"	DATE	BY	DATE		
ACCEPTANCE BY	DATE	NEW MEXICO STATE PLANE COORDINATES	DATE	NO.	DATE	REMARKS	
VERIFICATION BY	DATE	CENTRAL ZONE (NAD 83) AS PUBLISHED	DATE		DATE		
DRAWINGS	DATE	N=1496.450.689 (MODIFIED GROUND COORDINATES)	DATE		DATE	REVISIONS	
CHECKED BY	DATE	E=1496.502.615 (MODIFIED GROUND COORDINATES)	DATE		DATE		
MICRO-FILM INFORMATION	DATE	GROUND TO GRID FACTOR=0.99966311	DATE		DATE	DESIGN	
RECORDED BY	DATE		DATE		DATE		
	DATE		DATE		DATE	DRAWN BY	
	DATE		DATE		DATE		
	DATE		DATE		DATE	CHECKED BY	
	DATE		DATE		DATE		

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**CITY OF ALBUQUERQUE**  
DEPARTMENT OF  
MUNICIPAL DEVELOPMENT

PNM - LA MORADA SUBSTATION SIDEWALK AND DRIVEPAD INSTALLATION  
APPROVED GRADING AND DRAINAGE PLAN

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.

CITY PROJECT NO. 756482 ZONE MAP NO. H-10-Z SHEET 3 OF 5



# RECORD DRAWINGS

## KEYED NOTES

- EXISTING PROPERTY LINE.
- SCREEN WALL TO BE INSTALLED BY OTHERS (NON-WORKORDER).
- INSTALL 6" SIDEWALK. SEE GRADING POINT INFORMATION, THIS SHEET.
- TIE PROPOSED SIDEWALK TO EXISTING SIDEWALK.
- PNM SUBSTATION TO BE INSTALLED BY OTHERS (NON-WORKORDER).
- PROPOSED CONCRETE DRIVEPAD TO BE BUILT PER COA STD DWG 2425. 3" WIDE COLORED STAMPED CONCRETE SHALL BE USED WHERE PEDESTRIAN CROSSING OCCURS. SEE SITE PLAN DETAILS FOR GRADING POINT INFORMATION, SHEET 5.
- PROPOSED BASE COURSE DRIVEWAY TO BE INSTALLED BY OTHERS (NON-WORKORDER).
- GRADING LIMITS.
- EXISTING 36" STORM DRAIN STUBOUT. LOCATION IS APPROXIMATE.
- EXISTING CURB AND GUTTER TO REMAIN.
- EXISTING SIDEWALK AND ADA RAMP TO REMAIN. INSTALL ADA TACTILE WARNING STRIP PER DETAIL, SHEET 5.
- EXISTING WATERLINE TAP AND METER BOX TO BE UTILIZED FOR IRRIGATION PURPOSES. CONTRACTOR TO VERIFY SERVICE LINE SIZE PRIOR TO CONSTRUCTION - 1" SERVICE LINE REQUIRED. IF SMALLER TAP EXISTS CONTRACTOR SHALL CUT AND CAP EXISTING SERVICE LINE AT MAINLINE, REMOVE SERVICE LINE AND BOX, AND ADD NEW 1" SERVICE LINE PER COA STD DETAIL 2362.
- PROPOSED TRANSMISSION TAP POLE WILL CONNECT SUBSTATION TO EXISTING TRANSMISSION LINES. FOR INFORMATION ONLY.
- PROPOSED EQUIPMENT LOCATIONS. FOR INFORMATION ONLY.
- EXISTING DRIVEWAY TO REMAIN. DO NOT DISTURB.
- NEW GATE TO BE INSTALLED BY OTHERS (NON-WORKORDER).
- NEW WALL GRATE TO BE INSTALLED BY OTHERS (NON-WORKORDER).
- EXISTING WATERLINE.
- EXISTING WATER METER TO REMAIN. DO NOT DISTURB.
- EXISTING FIRE HYDRANT TO REMAIN. DO NOT DISTURB.

Point Table			
	NORTHING	EASTING	ELEVATION
1	1496459.97	1498302.71	5180.45*
2	1496454.66	1498302.67	5180.73*
3	1496456.20	1498335.86	5179.43
4	1496450.20	1498335.79	5179.52
5	1496453.61	1498572.16	5171.12
6	1496447.61	1498572.09	5171.21
7	1496405.14	1498725.36	5167.36
8	1496400.19	1498721.96	5167.45
9	1496391.37	1498740.66	5167.18*
10	1496388.69	1498738.71	5167.31*
11	1496366.07	1498740.73	5167.37*
12	1496363.92	1498743.96	5167.43*
13	1496358.78	1498734.02	5167.73
14	1496354.97	1498738.65	5167.64
15	1495987.86	1498428.85	5174.22
16	1495977.72	1498428.28	5174.20
17	1495977.07	1498419.97	5174.41*
18	1495973.26	1498424.60	5174.28*

\*MATCH EXISTING ELEVATION

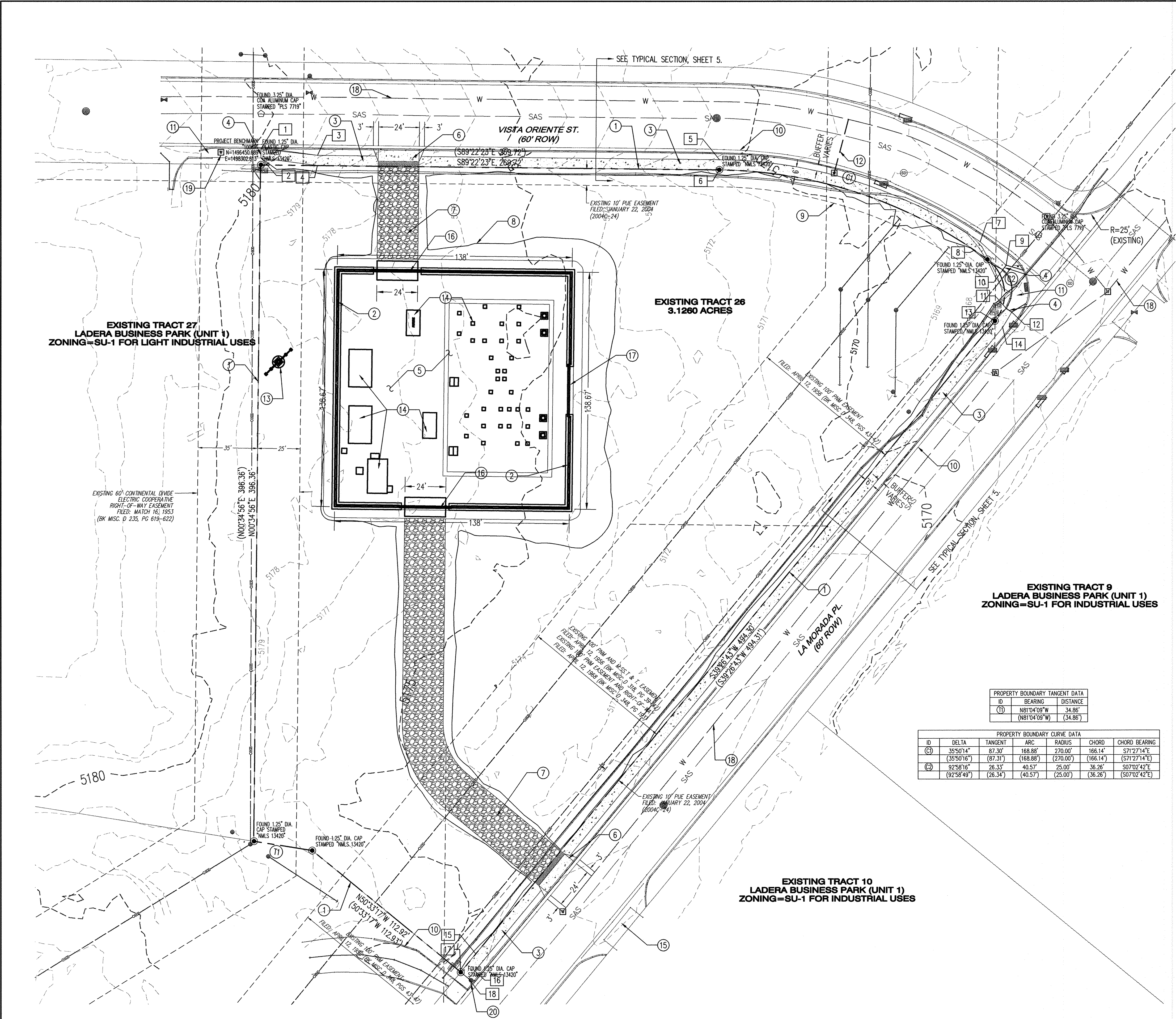
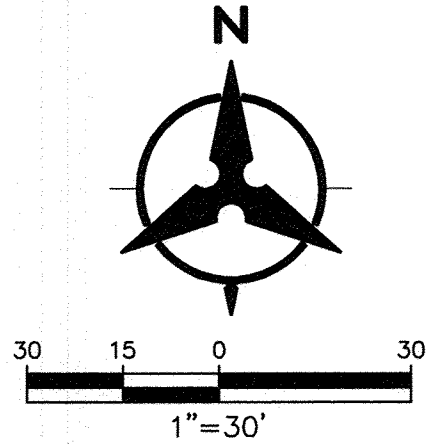
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**CITY OF ALBUQUERQUE**  
DEPARTMENT OF MUNICIPAL DEVELOPMENT

PNM - LA MORADA SUBSTATION SIDEWALK AND DRIVEPAD INSTALLATION  
PROPOSED SITE PLAN

DESIGN REVIEW COMMITTEE <b>APPROVE</b> DEC 05 2014 DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL <b>APPROVE</b> MAY 12 2015 CITY ENGINEER	MO./DAY/YR. ____/____/____	MO./DAY/YR. ____/____/____
LAST DESIGN UPDATE			

CITY PROJECT NO. **756482** ZONE MAP NO. **H-10-Z** SHEET **4** OF **5**



PROPERTY BOUNDARY TANGENT DATA			
ID	BEARING	DISTANCE	
(1)	N81°04'09"W	34.86'	
(1)	N81°04'09"W	(34.86')	

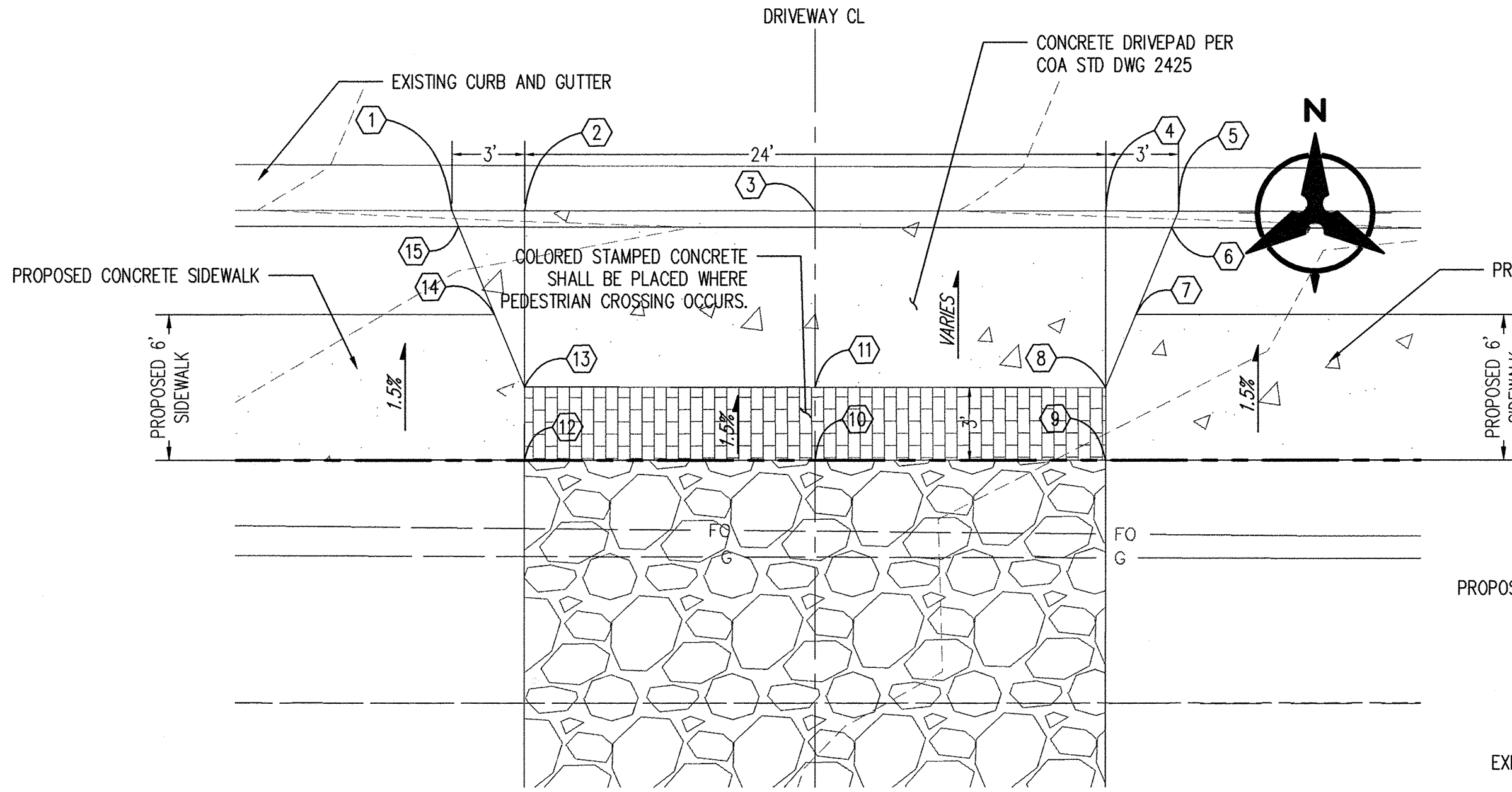
PROPERTY BOUNDARY CURVE DATA					
ID	DELTA	TANGENT	ARC	RADIUS	CHORD
(C1)	35°50'14"	87.30'	168.88'	270.00'	166.14'
(C1)	(35°50'16")	(87.31')	(168.88')	(270.00')	(166.14')
(C2)	92°58'16"	26.33'	40.57'	25.00'	36.26'
(C2)	(92°58'48")	(26.34')	(40.57')	(25.00')	(36.26')



RECORD DRAWINGS

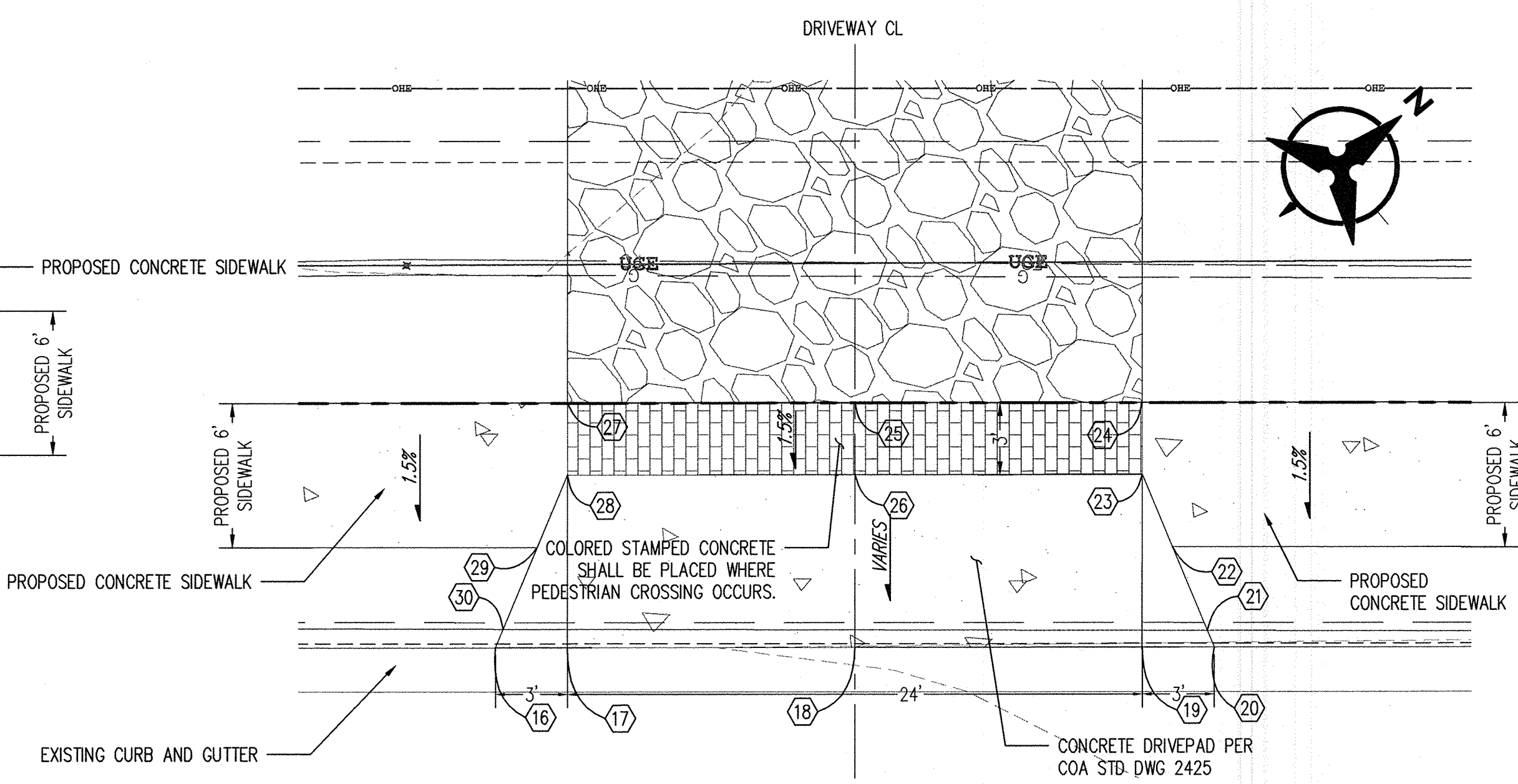
GENERAL NOTES

1. COLORED STAMPED CONCRETE FOR PEDESTRIAN CROSSINGS SHALL BE TAN IN COLOR WITH A RUNNING BOND BRICK PATTERN.



NORTH DRIVEWAY DETAIL

SCALE: 1"=5'



SOUTH DRIVEWAY DETAIL

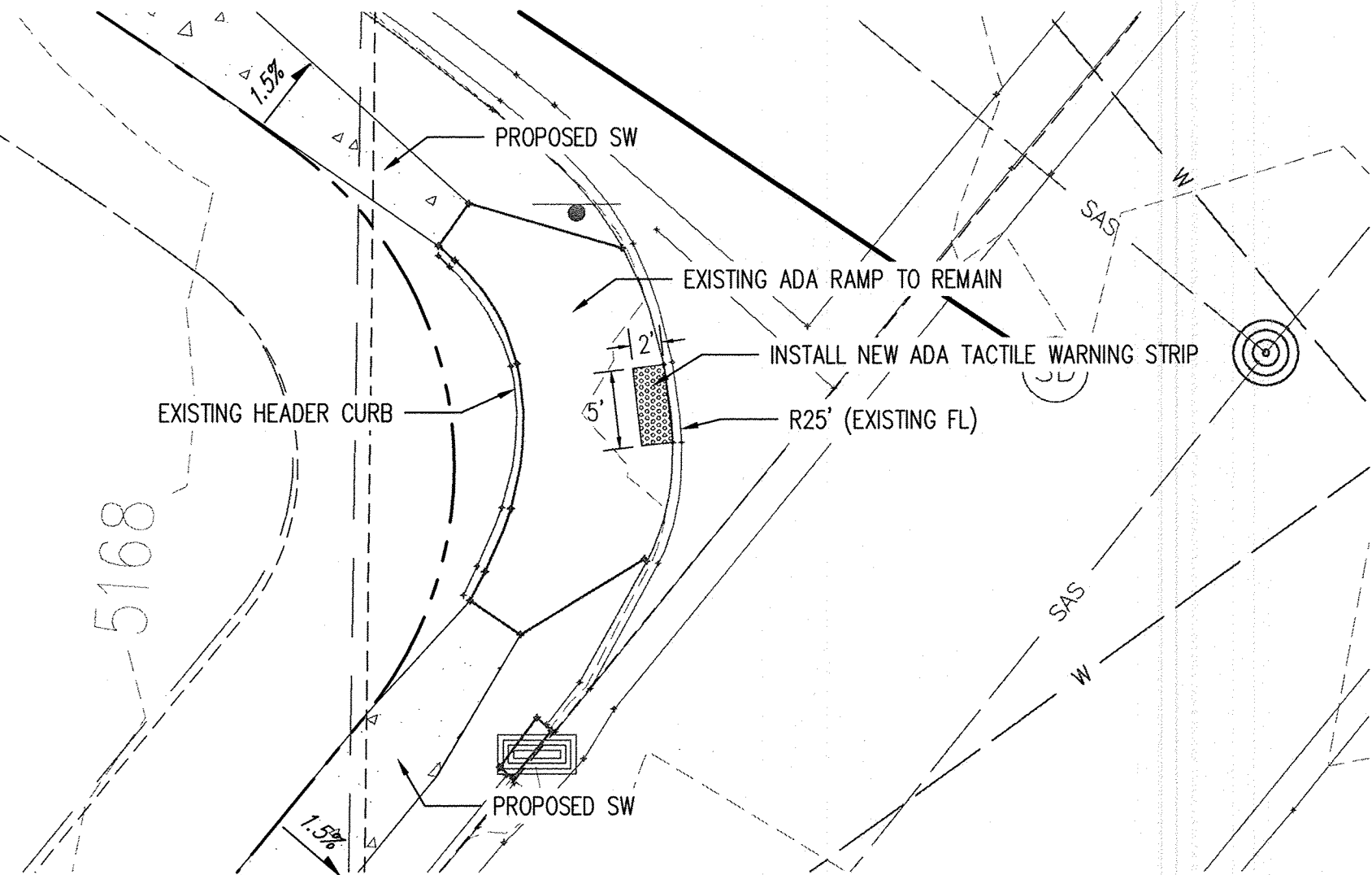
SCALE: 1"=5'

Point Table			
	NORTHING	EASTING	ELEVATION
1	1496460.12	1498368.63	5177.72*
2	1496460.08	1498371.64	5177.62*
3	1496459.94	1498383.62	5177.21*
4	1496459.80	1498395.63	5176.79*
5	1496459.76	1498398.64	5176.69*
6	1496459.07	1498398.34	77.24
7	1496455.53	1498396.83	5177.47
8	1496452.54	1498395.55	5177.50
9	1496449.54	1498395.51	5177.55
10	1496449.68	1498383.52	5178.00
11	1496452.68	1498383.55	5177.96
12	1496449.82	1498371.51	5178.40
13	1496452.82	1498371.55	5178.36
14	1496455.82	1498370.35	5178.32
15	1496459.44	1498368.90	5178.31*

\* MATCH EXISTING

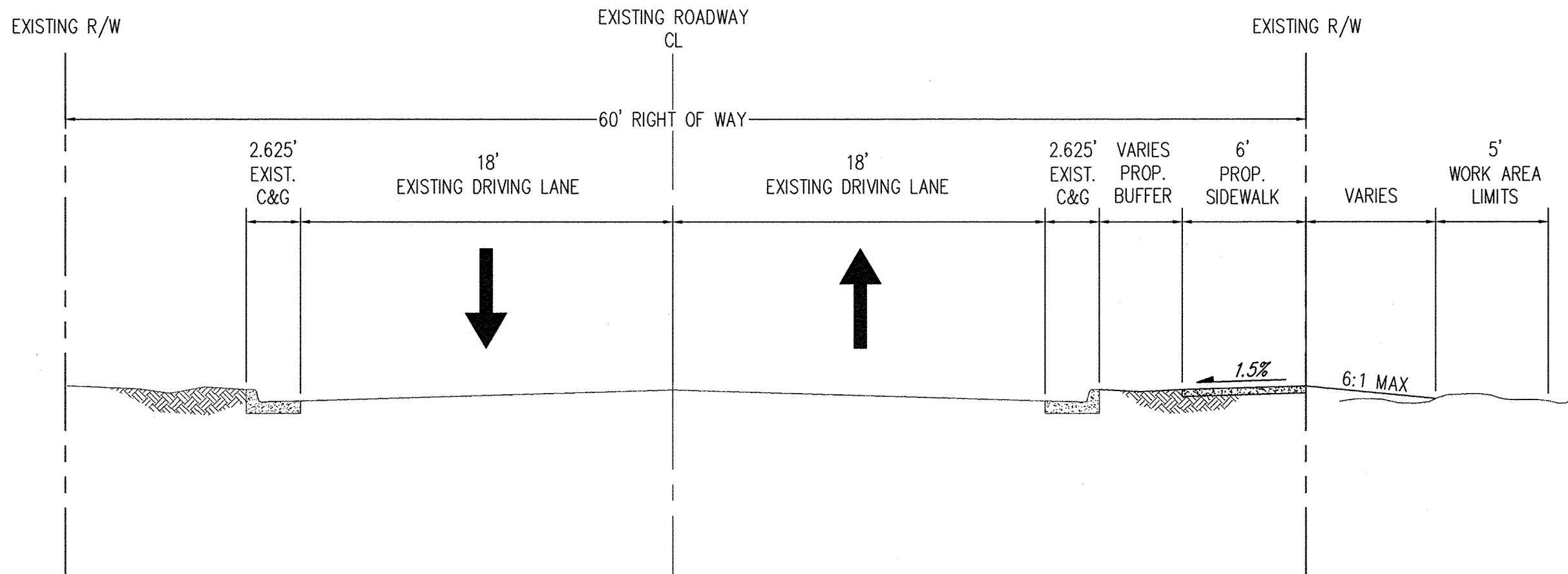
Point Table			
	NORTHING	EASTING	ELEVATION
16	1496021.25	1498469.48	5173.07*
17	1496023.58	1498471.39	5173.05*
18	1496032.83	1498479.01	5172.95*
19	1496042.10	1498486.63	5172.86*
20	1496044.42	1498488.54	5172.83*
21	1496044.64	1498487.82	5173.42*
22	1496045.72	1498484.22	5173.48
23	1496046.65	1498481.10	5173.53
24	1496048.57	1498478.77	5173.58
25	1496039.30	1498471.15	5173.67
26	1496037.39	1498473.47	5173.63
27	1496030.02	1498463.44	5173.76
28	1496028.12	1498465.84	5173.72
29	1496025.24	1498467.37	5173.68
30	1496021.98	1498469.09	5173.64*

\* MATCH EXISTING



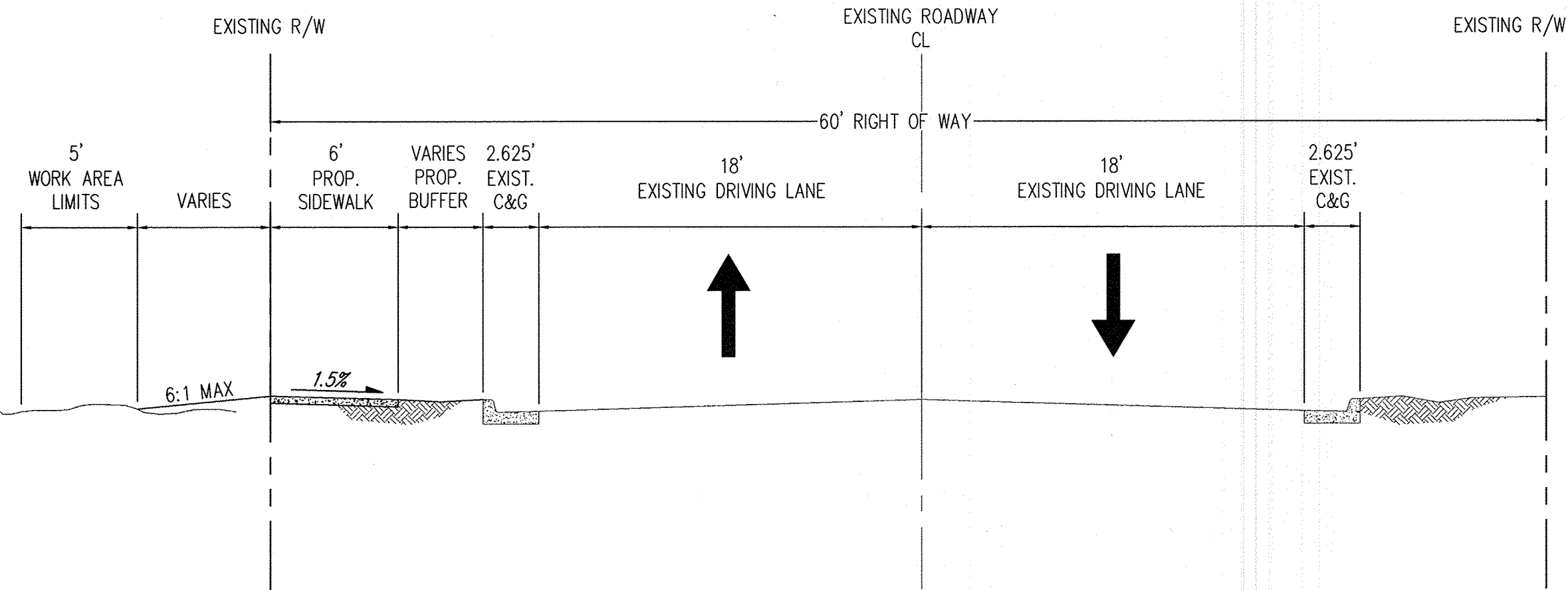
EXISTING ADA RAMP-EAST CORNER

SCALE: 1"=10'



VISTA ORIENTE ST. TYPICAL SECTION

N.T.S.



LA MORADA PL. TYPICAL SECTION

N.T.S.

Certification

THE CHANGES SHOWN HEREON ARE BASED UPON A FIELD SURVEY CONDUCTED BY ME OR UNDER MY SUPERVISION AND REFLECT THE LOCATIONS (VERTICALLY AND HORIZONTALLY) TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*B. J. M.*

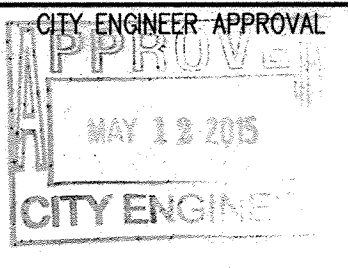
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**CITY OF ALBUQUERQUE**  
DEPARTMENT OF  
MUNICIPAL DEVELOPMENT

PNM - LA MORADA SUBSTATION SIDEWALK AND DRIVEPAD INSTALLATION

SITE PLAN DETAILS



LAST DESIGN UPDATE

CITY PROJECT NO.

756482

ZONE MAP NO.

H-10-Z

SHEET

OF

5

DATE

5