

**VICINITY MAP**  
N.T.S.  
ZONE ATLAS PAGE H-10-Z

PROJECT NUMBER: \_\_\_\_\_  
Application Number: \_\_\_\_\_

This plan is consistent with the specific Site Development Plan approved by the Environmental Planning Commission (EPC), dated \_\_\_\_\_ and the Findings and Conditions in the Official Notification of Decision are satisfied.

Is an Infrastructure List required? ( ) Yes ( ) No. If yes, then a set of approved DRC plans with a work order is required for any construction within Public Right-of-Way or for construction of public improvements.

DRB SITE DEVELOPMENT PLAN SIGNOFF APPROVAL:

Traffic Engineering, Transportation Division	Date
Water Authority	Date
Parks and Recreation Department	Date
City Engineer	Date
Solid Waste Management	Date
DRB Chairperson, Planning Department	Date

**GENERAL NOTES**

- ALL DIMENSIONS SHOWN FOR SITE WALL ARE MEASURED AT OUTSIDE FACE OF WALL.
- PROPOSED BACK OF SIDEWALK SHALL ABUT EXISTING PROPERTY LINE EXCEPT WHERE TIE-INS OCCUR.
- THIS PLAN IS PRELIMINARY IN NATURE. IT IS NOT TO BE USED FOR CONSTRUCTION PURPOSES.

**SITE SUMMARY**

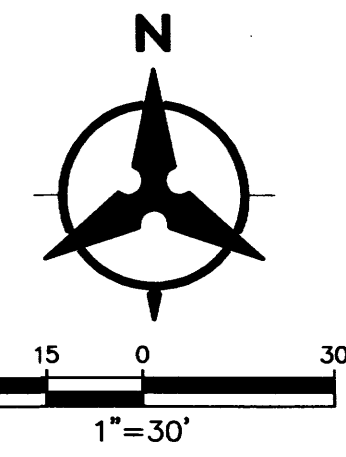
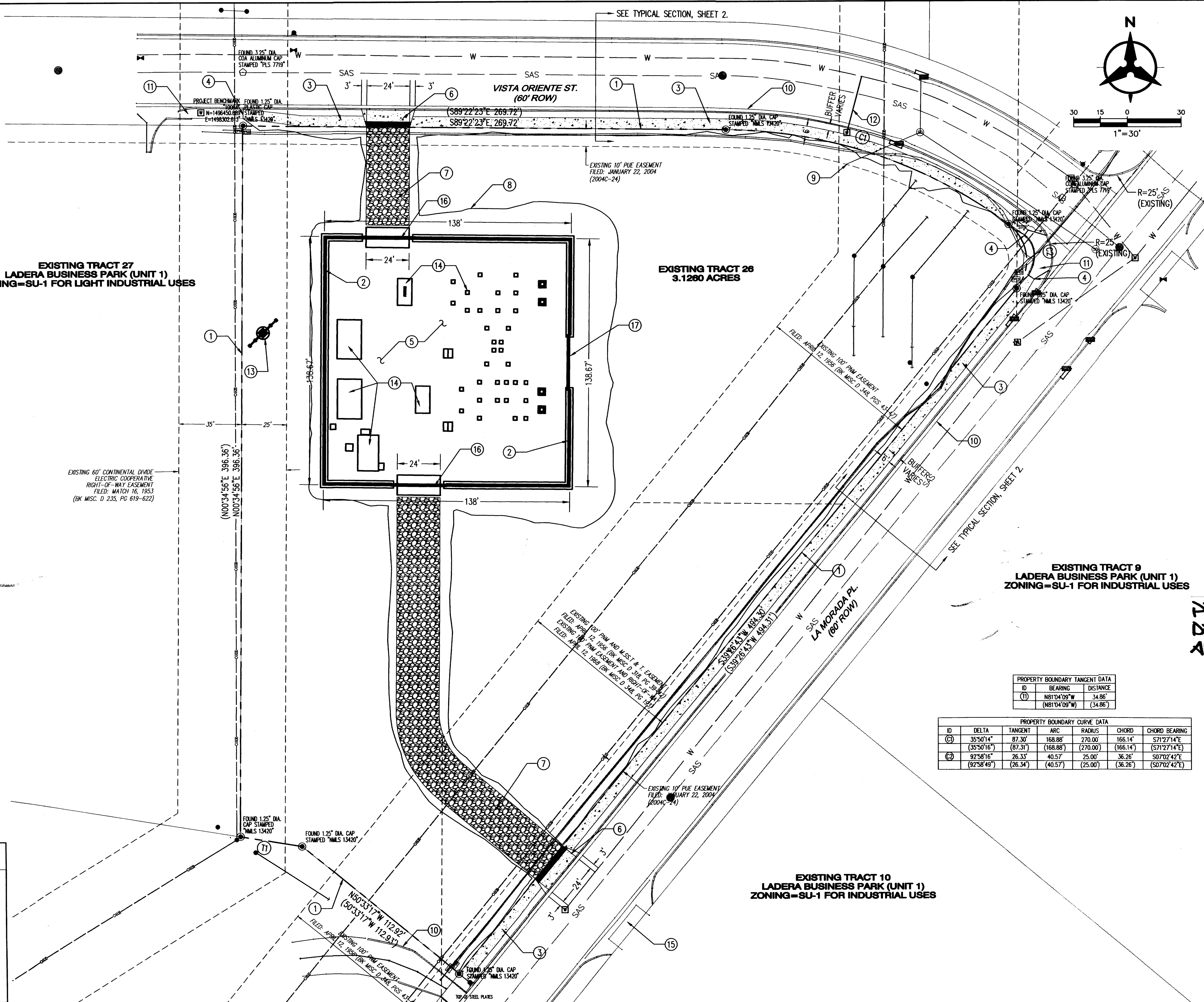
<b>PROPOSED USE:</b>	<b>APPLICABLE PLANS:</b>
PNM ELECTRIC SUBSTATION.	<ul style="list-style-type: none"> <li>EL RANCHO ATRISCO, PHASE 3 SECTOR DEVELOPMENT PLAN.</li> <li>LADERA BUSINESS PARK SITE PLAN FOR SUBDIVISION.</li> <li>WESTSIDE STRATEGIC PLAN.</li> </ul>
<b>ZONING:</b>	<b>PARCEL LEGAL DESCRIPTION:</b>
EXISTING: SU-1 FOR LIGHT INDUSTRIAL USES PROPOSED: NO CHANGE.	TRACT 26, LADERA BUSINESS PARK (UNIT 1).
<b>PARCEL SIZE:</b>	
3.126 ACRES.	

EXISTING TRACT 27  
LADERA BUSINESS PARK (UNIT 1)  
ZONING=SU-1 FOR LIGHT INDUSTRIAL USES

EXISTING TRACT 26  
3.1260 ACRES

EXISTING TRACT 9  
LADERA BUSINESS PARK (UNIT 1)  
ZONING=SU-1 FOR INDUSTRIAL USES

EXISTING TRACT 10  
LADERA BUSINESS PARK (UNIT 1)  
ZONING=SU-1 FOR INDUSTRIAL USES



- KEYED NOTES**
- EXISTING PROPERTY LINE.
  - INSTALL NEW SCREEN WALL PER PNM STANDARDS. SEE SHEETS 5 AND 6.
  - INSTALL 6" SIDEWALK.
  - TIE PROPOSED SIDEWALK TO EXISTING SIDEWALK.
  - PNM SUBSTATION. SEE SUBSTATION SHEETS FOR DETAILS.
  - PROPOSED CONCRETE DRIVEPAD TO BE BUILT PER COA STD DWG 2425. 3' WIDE COLORED STAMPED CONCRETE SHALL BE USED WHERE PEDESTRIAN CROSSING OCCURS.
  - PROPOSED BASE COURSE DRIVEWAY.
  - GRADING LIMITS. SEE CONCEPTUAL GRADING PLAN.
  - EXISTING 36" STORM DRAIN SUBOUT. LOCATION IS APPROXIMATE.
  - EXISTING CURB AND GUTTER TO REMAIN.
  - EXISTING SIDEWALK TO REMAIN.
  - INSTALL 1" SERVICE LINE PER COA STD DWG 2362. CONTRACTOR TO FIELD VERIFY LOCATION OF EXISTING WATERLINE PRIOR TO INSTALLATION AND SHALL NOTIFY THE PROJECT ENGINEER OF ANY DISCREPANCIES.
  - PROPOSED TRANSMISSION TAP POLE WILL CONNECT SUBSTATION TO EXISTING TRANSMISSION LINES.
  - PROPOSED EQUIPMENT LOCATIONS. SEE SUBSTATION SHEETS FOR DETAILS.
  - EXISTING DRIVEWAY TO REMAIN. DO NOT DISTURB.
  - PROPOSED GATE PER PNM STANDARDS. SEE SHEETS 5 AND 6.
  - PROPOSED WALL GRATE PER PNM STANDARDS. SEE SHEETS 5 AND 6.

PROJECT: 1010180  
DATE: 10-8-15  
APP: K4-70313(GEP)

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	CHORD BEARING
(1)	35°50'14"	87.30'	168.88'	270.00'	166.14'	S71°27'14"E
(2)	35°50'16"	(87.31)'	(168.88)'	(270.00)'	(166.14)'	(S71°27'14"E)
(2)	92°58'16"	26.33'	40.57'	25.00'	36.26'	S07°02'42"E
(2)	(92°58'49")	(26.34)'	(40.57)'	(25.00)'	(36.26)'	(S07°02'42"E)

REVISION	DATE	BY

**PROPRIETARY STATEMENT**

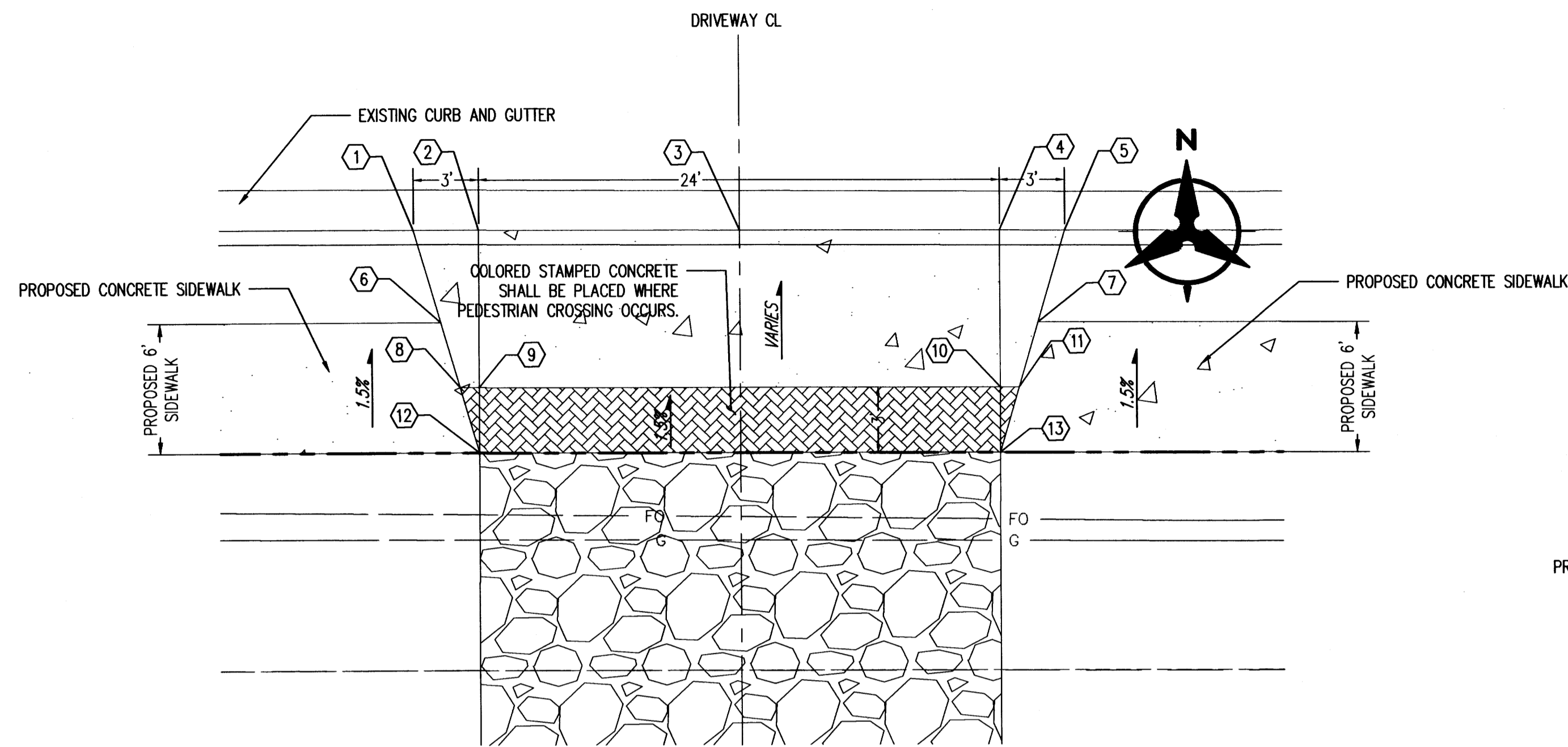
THIS DOCUMENT AND ALL PREVIOUS ISSUES ARE THE PROPERTY OF PUBLIC SERVICE COMPANY OF NEW MEXICO ("PNM") AND NEITHER RECEIPT NOR POSSESSION THEREOF INFERS OR TRANSFERS ANY RIGHT IN OR LICENSE TO USE THIS DOCUMENT THE SUBJECT MATTER THEREOF OR ANY DESIGN OR TECHNICAL INFORMATION SHOWN THEREON OR ANY RIGHT TO REPRODUCE THIS DOCUMENT OR ANY PART THEREOF. NEITHER THIS DOCUMENT NOR ANY INFORMATION CONTAINED THEREIN MAY BE COPIED, REPRODUCED, OR OTHERWISE USED OR DISCLOSED TO ANY OTHER PARTY WITHOUT FIRST OBTAINING THE EXPRESS WRITTEN PERMISSION OF PNM. THIS DOCUMENT IS PROVIDED UNDER THE EXPRESS CONDITION THAT IT WILL BE HELD IN CONFIDENCE BY THE RECIPIENT, THAT IT IS SUBJECT TO RETURN UPON DEMAND, AND THAT IT WILL NOT BE USED IN ANY WAY DETRIMENTAL TO PNM.

**PNM PUBLIC SERVICE COMPANY OF NEW MEXICO**

SITE DEVELOPMENT PLAN FOR BUILDING PERMIT  
PNM - LA MORADA SUBSTATION

DR: JLB	TR:	DATE: SEP 30, 2014
CKD: TMF	OK:	SCALE: 1"=30'
APP:	ACAD FILE: USS-19202	SHEET 1 OF 6
REV. NO.		

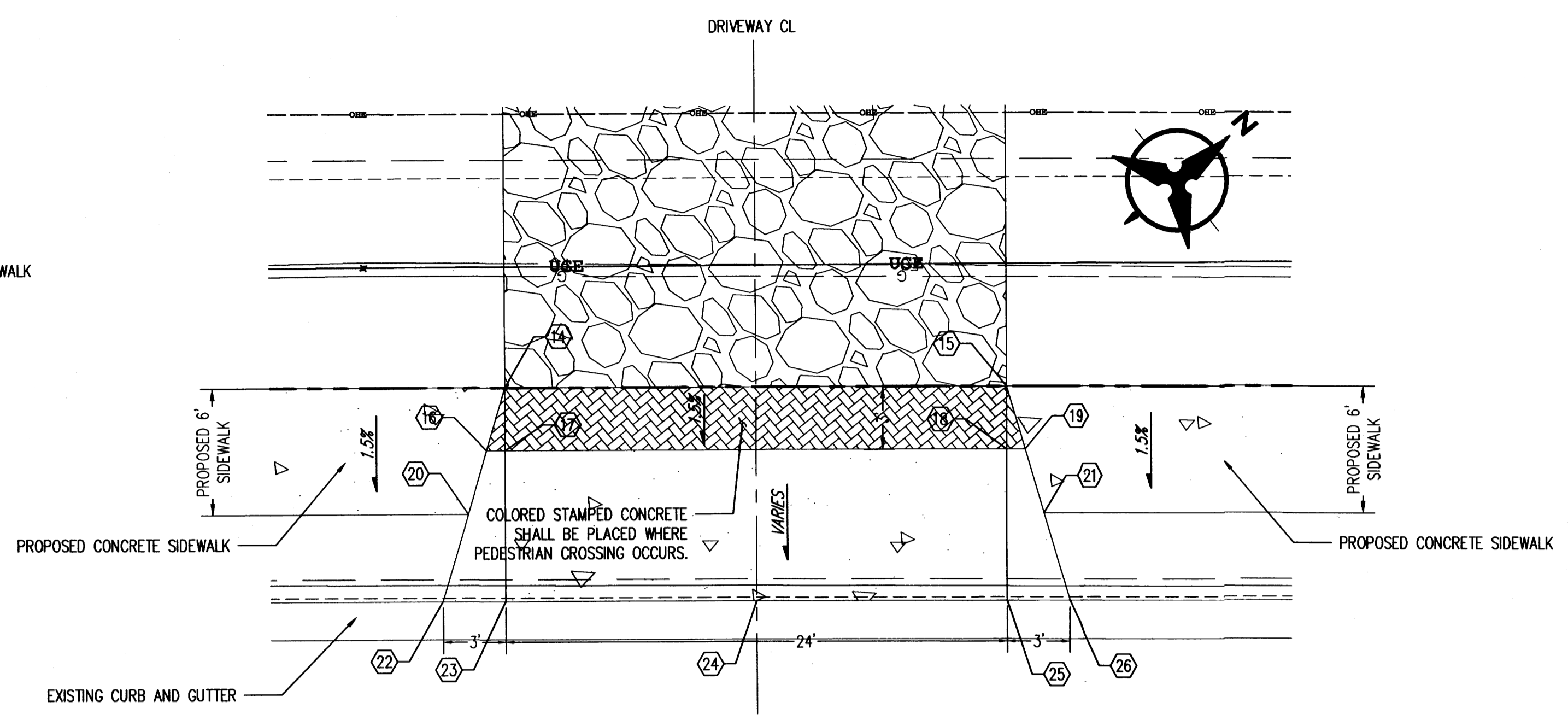
**Bohannon & Huston**  
www.bhinc.com 800.877.5332



NORTH DRIVEWAY DETAIL

SCALE: 1"=5'

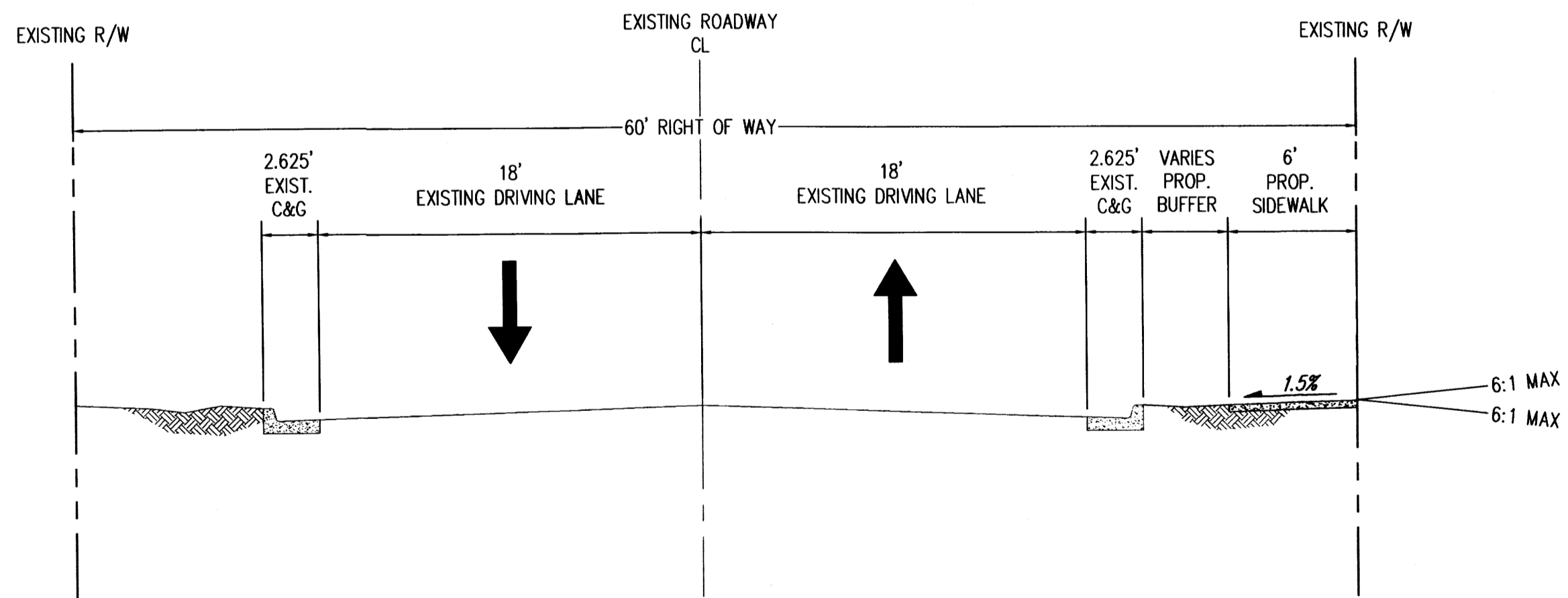
Point Table				
NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1496460.12	1498368.63	5177.72	EXISTING FL
2	1496460.08	1498371.64	5177.62	EXISTING FL
3	1496459.94	1498383.68	5177.20	DRIVEWAY CL
4	1496459.80	1498395.63	5176.79	EXISTING FL
5	1496459.76	1498398.64	5176.69	EXISTING FL
6	1496455.83	1498369.83	5178.09	PROPOSED SW
7	1496455.53	1498397.34	5177.18	PROPOSED SW
8	1496452.82	1498370.67	5178.35	PROPOSED SW
9	1496452.81	1498371.55	5178.32	PROPOSED SW
10	1496452.55	1498395.55	5177.55	PROPOSED SW
11	1496452.54	1498396.43	5177.52	PROPOSED SW
12	1496449.81	1498371.52	5178.37	PROPOSED SW
13	1496449.55	1498395.51	5177.60	PROPOSED SW



SOUTH DRIVEWAY DETAIL

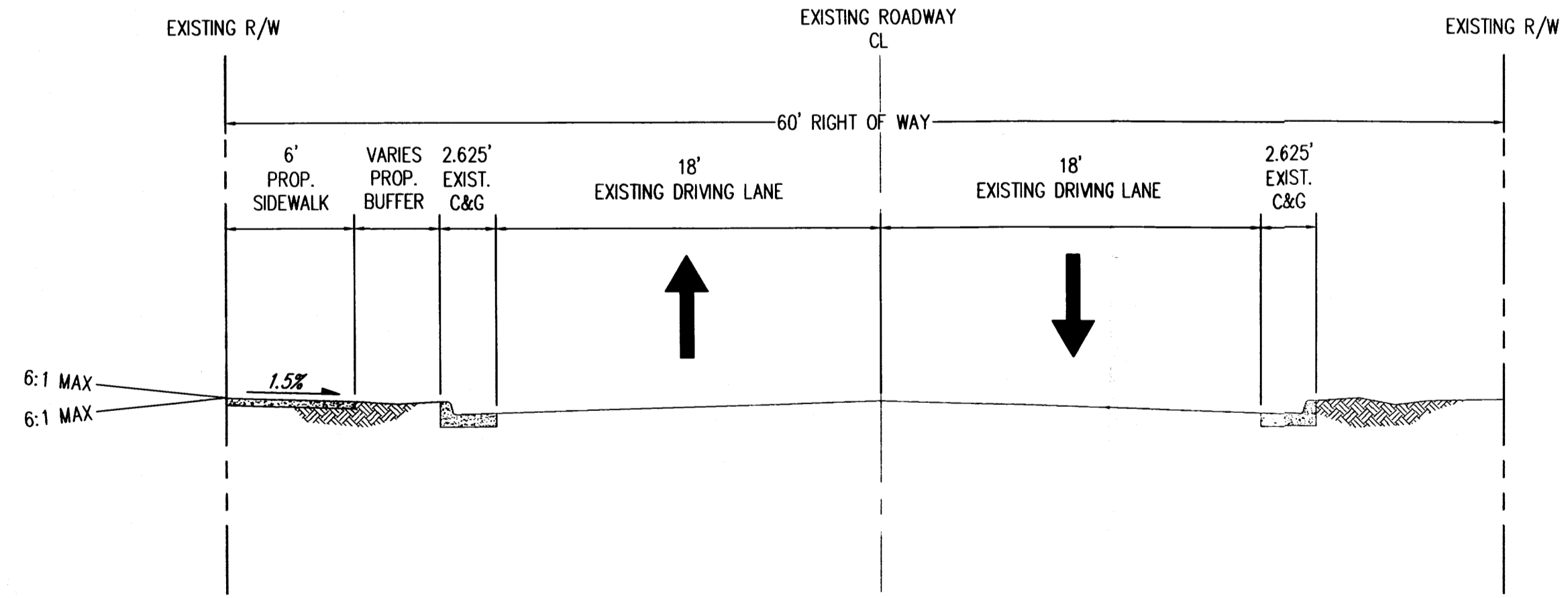
SCALE: 1"=5'

Point Table				
NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
14	1496030.02	1498463.54	5173.76	PROPOSED SW
15	1496048.56	1498478.78	5173.58	PROPOSED SW
16	1496027.43	1498465.29	5173.73	PROPOSED SW
17	1496028.12	1498465.85	5173.72	PROPOSED SW
18	1496046.65	1498481.10	5173.54	PROPOSED SW
19	1496047.34	1498481.66	5173.53	PROPOSED SW
20	1496024.84	1498467.04	5173.45	PROPOSED SW
21	1496046.12	1498484.54	5173.24	PROPOSED SW
22	1496021.25	1498469.48	5173.07	EXISTING FL
23	1496023.56	1498471.39	5173.05	EXISTING FL
24	1496032.83	1498479.01	5172.95	DRIVEWAY CL
25	1496042.10	1498486.63	5172.86	EXISTING FL
26	1496044.42	1498488.54	5172.83	EXISTING FL



VISTA ORIENTE ST. TYPICAL SECTION

N.T.S.



LA MORADA PL. TYPICAL SECTION

N.T.S.

REVISION	NO.	DATE	BY

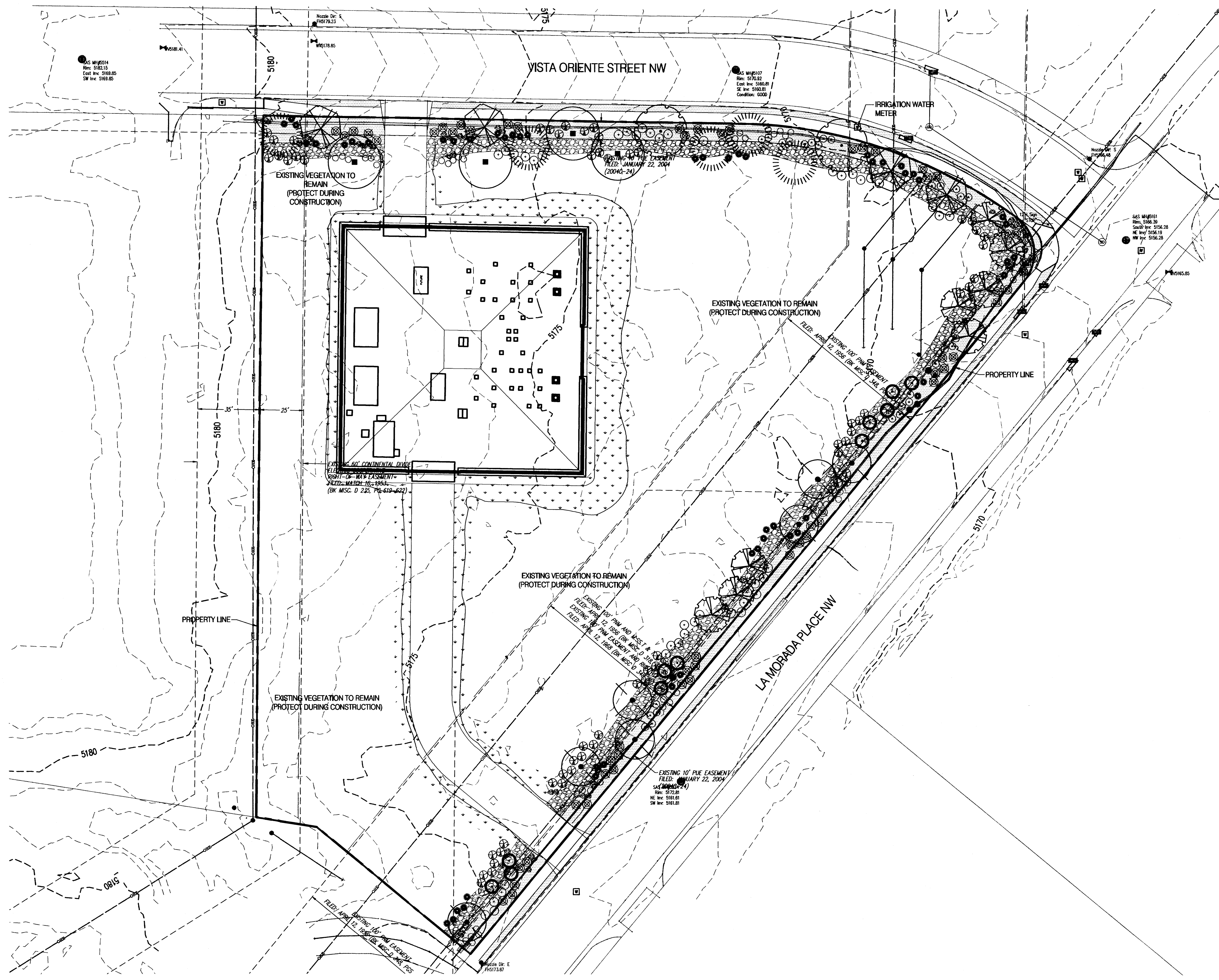
Mon, 29-Sep-2014 - 3:46:pm, Plotted by: LBRANDENBURG  
P:\20150039\TRANS\Design\Plan Production\Plans\20150039\_Site Plan.dwg

**Bohannon & Huston**  
www.bhinc.com 800.877.5332

**PROPRIETARY STATEMENT**  
THIS DOCUMENT AND ALL PREVIOUS ISSUES ARE THE PROPERTY OF PUBLIC SERVICE COMPANY OF NEW MEXICO ("PNM") AND NEITHER RECEIPT NOR POSSESSION THEREOF INFERS OR TRANSFERS ANY RIGHT IN OR LICENSE TO USE THIS DOCUMENT THE SUBJECT MATTER THEREOF OR ANY DESIGN OR TECHNICAL INFORMATION SHOWN THEREON OR ANY RIGHT TO REPRODUCE THIS DOCUMENT OR ANY PART THEREOF. NEITHER THIS DOCUMENT NOR ANY INFORMATION CONTAINED THEREIN MAY BE COPIED, REPRODUCED, OR OTHERWISE USED OR DISCLOSED TO ANY OTHER PARTY WITHOUT FIRST OBTAINING THE EXPRESS WRITTEN PERMISSION OF PNM. THIS DOCUMENT IS PROVIDED UNDER THE EXPRESS CONDITION THAT IT WILL BE HELD IN CONFIDENCE BY THE RECIPIENT, THAT IT IS SUBJECT TO RETURN UPON DEMAND, AND THAT IT WILL NOT BE USED IN ANY MANNER DETRIMENTAL TO PNM.

<b>PNM</b> PUBLIC SERVICE COMPANY OF NEW MEXICO		
SITE PLAN DETAILS		V.3
PNM - LA MORADA SUBSTATION		
DR: JLB	TR: OK:	DATE: SEP 30, 2014
CKD: TMF	APP: ACAD FILE:	SCALE: N.T.S.
REV. NO.	USS-19202	SHEET 2 OF 6





**PLANT LEGEND**

QTY.	SYMBOL	SCIENTIFIC NAME COMMON NAME	SIZE	INSTALLED SIZE MATURE SIZE	WATER USE
7		CHILOPSIS LINEARIS 'BUBBA'	24" BOX	8' HT.	LOW +
		DESERT WILLOW		20' HT. X 25' SPR.	
4		CHITALPA TASHKENTENSIS	24" BOX	8' HT.	MEDIUM
		CHITALPA		30' HT. X 30' SPR.	
4		CELTIS RETICULATA	2.5' B&B	14' HT.	MEDIUM
		NETLEAF HACKBERRY		35' HT X 30' SPR.	
11		JUNIPERUS SCOPULORUM	B&B	6'-8' MIN. HT.	MEDIUM
		ROCKY MOUNTAIN JUNIPER (FEMALE)		15' HT. X 6' SPR.	
5		PINUS NIGRA	B&B	8' MIN. HT.	MEDIUM
		AUSTRIAN PINE		35' HT. X 25' SPR.	
2		ULMUS PARVIFOLIA 'ALLEE II'	2.5' B&B	14' HT.	MEDIUM
		ALLEE LACEBARK ELM		40' HT X 30' SPR.	
8		VITEX AGNUS-CASTUS	15-GAL.	8 HT.	MEDIUM
		CHASTE TREE		20' HT X 20' SPR.	
<b>SHRUBS/GROUNDCOVERS</b>					
		CHRYSOTHAMNUS NAUSEOSUS	1-GAL.	5' O.C.	LOW
		CHAMISA		5' HT. X 5' SPR.	
		FALLUGIA PARADOXA	1-GAL.	6' O.C.	LOW
		APACHE PLUME		6' HT. X 6' SPR.	
		DASYLIRION WHEELERI	5-GAL.	5' O.C.	MEDIUM
		SOTOL		5' HT. X 5' SPR.	
		RHUS TRILOBATA 'AUTUMN AMBER'	1-GAL.	6' O.C.	LOW +
		CREEPING THREE LEAF SUMAC		2' HT. X 6' SPR.	
		RHUS TRILOBATA	5-GAL.	6' O.C.	LOW +
		THREE-LEAF SUMAC		6' HT. X 6' SPR.	
		SPHAERALCEA INCANA	1-GAL.	3' O.C.	LOW +
		SCARLET GLOBEMALLOW		3' HT. X 3' SPR.	
		XERIC SEED MIX - BLUE GRAMA, INDIAN RICEGRASS, GALLETIA, DESERT MARIGOLD, SAND DROPSIED			
		1-1/2" BUILDOLGY BROWN ROCK MULCH (3" DEPTH OVER FILTER FABRIC)			
		SANTA FE BROWN CRUSHER FINES (3" DEPTH OVER FILTER FABRIC)			
		MOSS ROCK LANDSCAPE BOULDERS (27 CF TO 36 CF TYPICAL).			

**GENERAL LANDSCAPE NOTES**

**LANDSCAPE DESIGN**  
ALL PLANTING AREAS SHALL BE TOP DRESSED WITH 7/8" BUILDOLGY BROWN ROCK MULCH AND 2'-4" SAN LAZARUS GRAY COBBLE MULCH.

**IRRIGATION**  
IRRIGATION SYSTEM STANDARDS OUTLINED IN THE WATER CONSERVATION LANDSCAPING AND WATER WASTE ORDINANCE SHALL BE STRICTLY ADHERED TO. A FULLY AUTOMATED IRRIGATION SYSTEM WILL BE USED TO IRRIGATE TREE, SHRUB AND GROUNDCOVER PLANTING AREAS. THE IRRIGATION SYSTEM SHALL BE DESIGNED TO ISOLATE PLANT MATERIAL ACCORDING TO SOLAR EXPOSURE AND WILL BE SET UP BY PLANT ZONES ACCORDING TO WATER REQUIREMENTS. THE TREES WILL BE PROVIDED WITH (3) .50 GPM BUBBLERS, WITH THE ABILITY TO BE EXPANDED TO ACCOMMODATE THE GROWTH OF THE TREE. SHRUBS AND GROUNDCOVERS WILL BE PROVIDED WITH (1) .25 GPM BUBBLER. TREES, SHRUBS AND GROUNDCOVERS WILL BE GROUPED ON THE SAME VALVE.

**RESPONSIBILITY OF MAINTENANCE**  
MAINTENANCE OF ALL PLANTING AND IRRIGATION, INCLUDING THOSE WITHIN THE PUBLIC R.O.W., SHALL BE THE RESPONSIBILITY OF THE PROPERTY OWNER.

**METHOD FOR COMPLYING WITH WATER CONSERVATION ORDINANCE**  
THE PLANT PALETTE IS PREDOMINANTLY COMPRISED OF PLANTS WITH LOW TO MEDIUM WATER USE REQUIREMENTS, THEREBY MINIMIZING IRRIGATION NEEDS WHILE ENSURING THE VIABILITY OF THE PLANTS. AN EVAPOTRANSPIRATION MANAGEMENT CONTROLLER WILL BE INCLUDED IN THE DESIGN OF THE IRRIGATION SYSTEM TO MONITOR WEATHER CONDITIONS SO THAT THE OPTIMUM MOISTURE BALANCE IS ACHIEVED AND THE POSSIBILITY OF OVER-WATERING IS REDUCED.

**PNM COORDINATION**  
COORDINATION WITH PNM'S NEW SERVICE DELIVERY DEPARTMENT IS NECESSARY REGARDING PROPOSED TREE LOCATION AND HEIGHT, SIGN LOCATION AND HEIGHT, AND LIGHTING HEIGHT IN ORDER TO ENSURE SUFFICIENT SAFETY CLEARANCES. SCREENING WILL BE DESIGNED TO ALLOW FOR ACCESS TO ELECTRIC UTILITIES. IT IS NECESSARY TO PROVIDE ADEQUATE CLEARANCE OF TEN FEET IN FRONT AND AT LEAST 5 FEET ON THE REMAINING THREE SIDES SURROUNDING ALL GROUND-MOUNTED EQUIPMENT FOR SAFE OPERATION, MAINTENANCE AND REPAIR PURPOSES.

**CLEAR SIGHT DISTANCE:**  
LANDSCAPING AND SIGNAGE WILL NOT INTERFERE WITH CLEAR SIGHT REQUIREMENTS. THEREFORE, SIGNS, WALLS, TREES, AND SHRUBBERY BETWEEN 3 AND 8 FEET TALL (AS MEASURED FROM THE GUTTER PAN) WILL NOT BE ACCEPTABLE IN THE AREA.

**LANDSCAPE AREA COVERAGE**

TOTAL SITE AREA:	136,168 SF (3.2 AC)
BUILDING AREA (BUILDING ENVELOPE):	- 19,975 SF
LANDSCAPED R.O.W.	- 3,130 SF
NET AREA	113,063 SF

**REQUIRED LANDSCAPE AREA (15% OF NET AREA):** 16,960 SF  
**PROVIDED LANDSCAPE AREA (AS FOLLOWS):** 98,960 SF

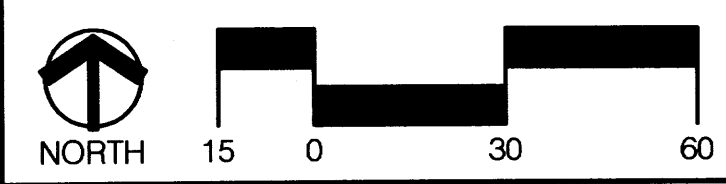
ON-SITE	
EXISTING TO REMAIN	78,175 SF
PROVIDED	17,655 SF
OFF-SITE (R.O.W)	3,130 SF

**LANDSCAPE LIVE VEGETATIVE COVERAGE**  
LANDSCAPE COVERAGE REQUIREMENTS SPECIFY THAT REQUIRED LANDSCAPE AREAS HAVE 75% COVERAGE WITH LIVE VEGETATIVE MATERIAL.

REQUIRED LANDSCAPE AREA:	16,960 SF
REQUIRED COVERAGE (75%):	12,720 SF
PROVIDED COVERAGE:	66,443 SF (INCLUDES 75% COVERAGE OF EXISTING LANDSCAPE TO REMAIN)

**TREE REQUIREMENTS**  
PER THE LADERA BUSINESS PARK DESIGN GUIDELINES, SIDEWALKS ARE REQUIRED TO BE SHADED WITH TREES PLANTED AT 25' O.C.. DUE TO THE PRESENCE OF OVER-HEAD POWER LINES ALONG LA MORADA PLACE, SMALLER ACCENT TREES ARE PROVIDED IN LIEU OF SHADE TREES. THE TREE CALCULATIONS ARE AS FOLLOWS: 900 L.F. OF FRONTAGE / 25' = 36 TREES REQUIRED, AND TREES ARE PROVIDED AT A MIX OF 60% DECIDUOUS TO 40% EVERGREEN AS REQUIRED.

**TREES REQUIRED:** 36 TREES      **TREES PROVIDED:** 41 TREES



REVISION	NO.	DATE	BY
----------	-----	------	----

**CONSENSUS PLANNING, INC.**  
 Planning / Landscape Architecture  
 302 Eighth Street NW  
 Albuquerque, NM 87102  
 (505) 764-9901 Fax: 842-5495  
 e-mail: cp@consensusplanning.com

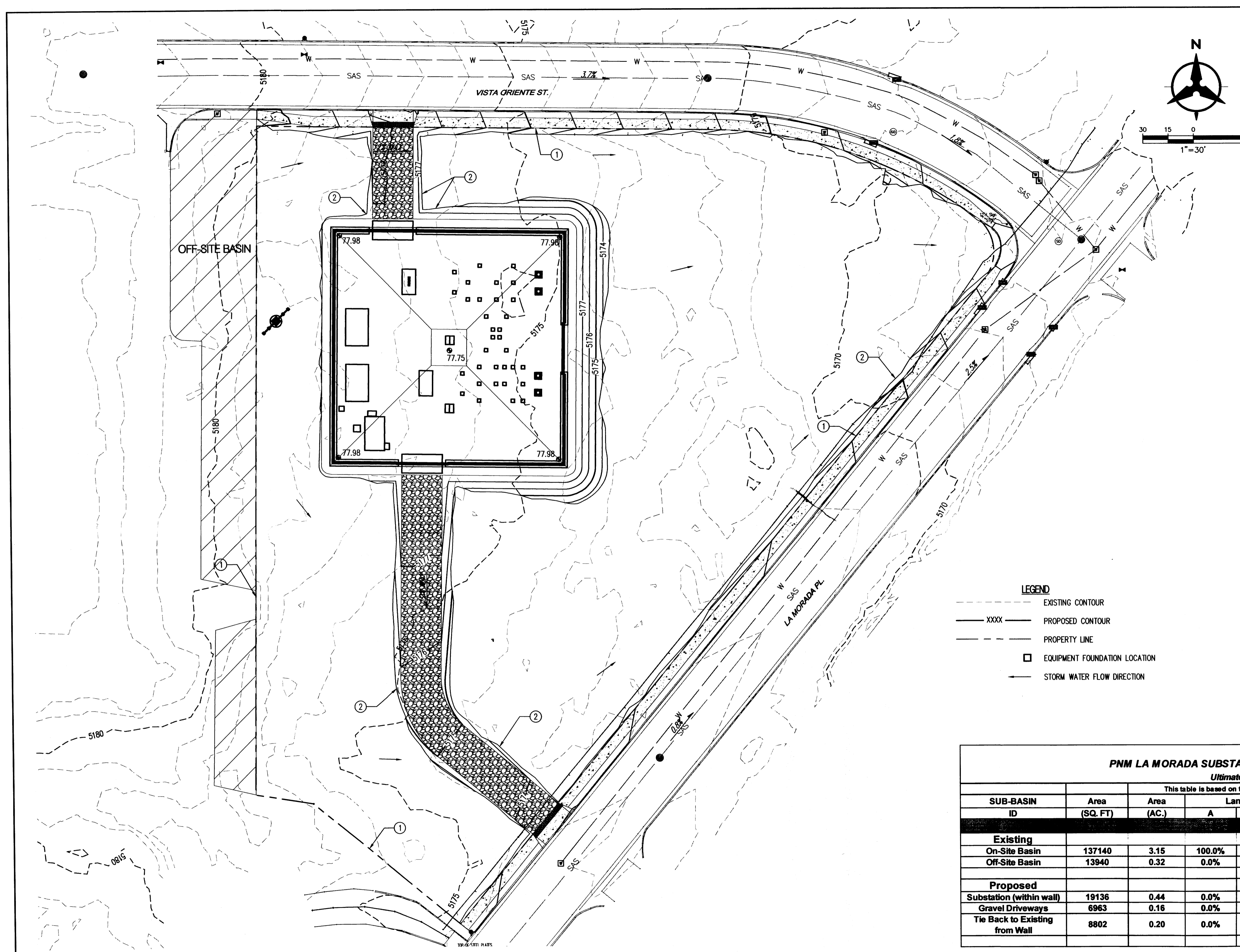
**Bohannon & Huston**  
 www.bhinc.com 800.877.5332

**PROPRIETARY STATEMENT**  
 THIS DOCUMENT AND ALL PREVIOUS ISSUES ARE THE PROPERTY OF PUBLIC SERVICE COMPANY OF NEW MEXICO ("PNM") AND NEITHER RECEIPT NOR POSSESSION THEREOF INFERS OR TRANSFERS ANY RIGHT IN OR LICENSE TO USE THIS DOCUMENT THE SUBJECT MATTER THEREOF OR ANY DESIGN OR TECHNICAL INFORMATION SHOWN THEREON OR ANY RIGHT TO REPRODUCE THIS DOCUMENT OR ANY PART THEREOF. NEITHER THIS DOCUMENT NOR ANY INFORMATION CONTAINED THEREIN MAY BE COPIED, REPRODUCED, OR OTHERWISE USED OR DISCLOSED TO ANY OTHER PARTY WITHOUT FIRST OBTAINING THE EXPRESS WRITTEN PERMISSION OF PNM. THIS DOCUMENT IS PROVIDED UNDER THE EXPRESS CONDITION THAT IT WILL BE HELD IN CONFIDENCE BY THE RECIPIENT, THAT IT IS SUBJECT TO RETURN UPON DEMAND, AND THAT IT WILL NOT BE USED IN ANY WAY DETRIMENTAL TO PNM.

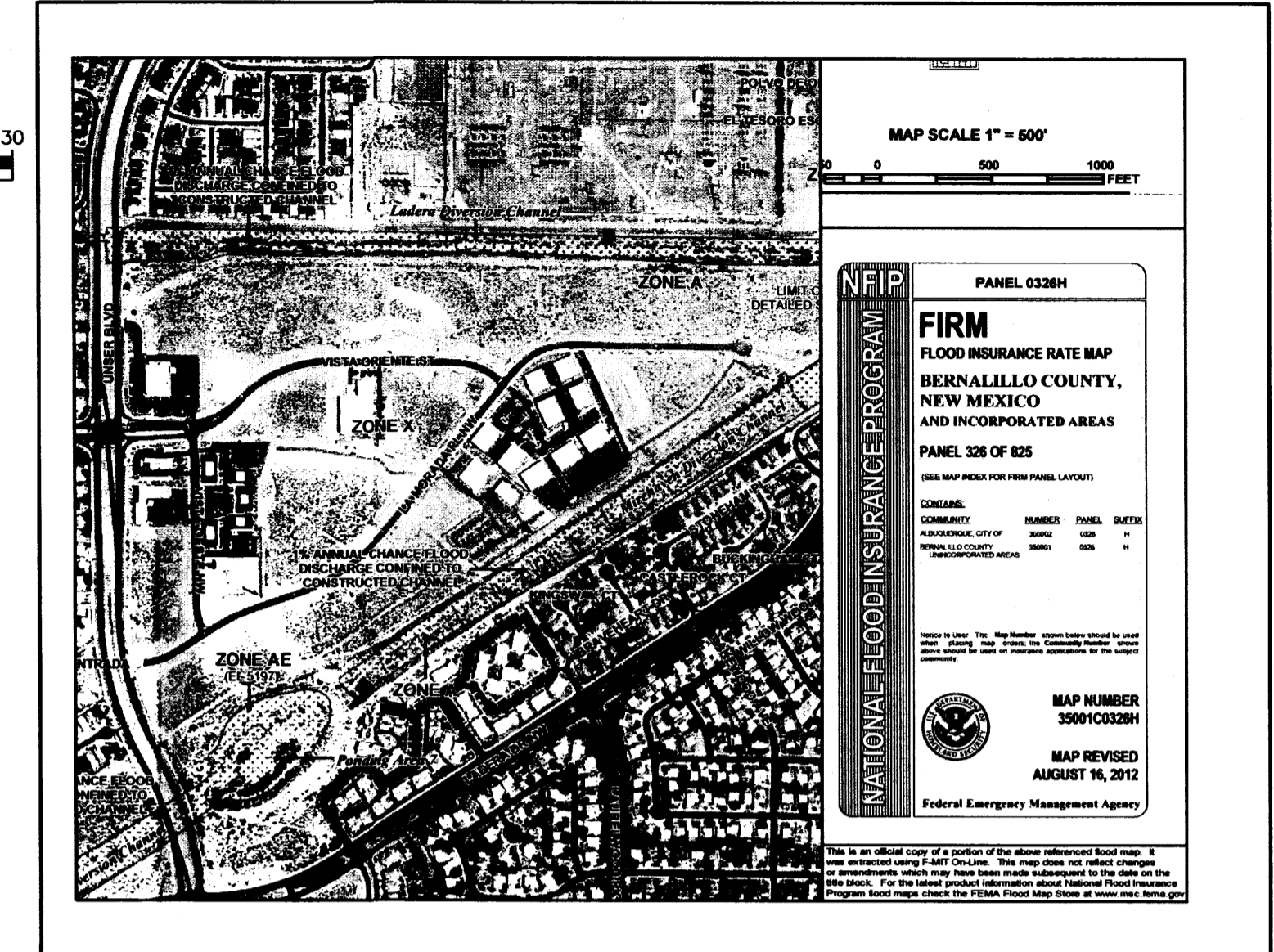
**PNM PUBLIC SERVICE COMPANY OF NEW MEXICO**  
 LANDSCAPE PLAN (V. 3)  
 LA MORADA SUBSTATION

DR:	TR:	DATE:
CKD: C.J.G.	OK:	Sept. 30, 2014
APP:	ACAD FILE:	SCALE: 1" = 30'
REV. NO.		3 of 6





- KEYED NOTES
- PROPERTY LINE.
  - GRADING LIMITS.



**GENERAL NOTES**

- THIS PLAN IS PRELIMINARY IN NATURE. IT IS NOT TO BE USED FOR CONSTRUCTION PURPOSES.

**SITE SUMMARY**

**EXISTING SITE TOPOGRAPHY**

EXISTING SITE TOPOGRAPHY RESULTS IN ON-SITE RUNOFF DRAINING ONTO VISTA ORIENTE STREET AND LA MORADA PLACE, WHERE IT IS PICKED UP BY EXISTING STORM DRAIN INLETS LOCATED ALONG THE ROADWAYS AND DIVERTED NORTHEAST.

THIS SITE ALSO EXPERIENCES MINOR OFF-SITE DRAINAGE FROM THE NEIGHBORING PROPERTY TO THE WEST.

**PROPOSED GRADING IMPROVEMENTS**

THE PROPOSED GRADING CONSISTS OF MINIMAL IMPACTS TO THE PROPERTY. A 6" SIDEWALK WILL SKIRT THE PROPERTY ON THE NORTH AND SOUTHEAST SIDES AND BE GRADED AT 1.5% TOWARDS THE ADJACENT STREETS.

THE PROPOSED PNM SUBSTATION AREA (APPROXIMATELY 0.46 AC) WILL BE GRADED SUCH THAT ALL FLOWS WITHIN THE WALLS ARE RETAINED AT THE CENTER OF THE SITE. THE GRAVEL DRIVEWAYS WILL BE GRADED TO DRAIN INTO THE STREET AND MAINTAIN HISTORICAL FLOW PATHS.

FIRST FLUSH STORM WATER CONTROL MEASURES WERE NOT APPLIED TO THE PROPOSED SITE DEVELOPMENT. THE PROPOSED SITE DOES NOT INCLUDE CONTRIBUTING IMPERVIOUS SURFACES.

THIS SUBMITTAL IS IN SUPPORT OF HYDROLOGY APPROVAL FOR SITE PLAN FOR BUILDING PERMIT APPROVAL.

- LEGEND**
- EXISTING CONTOUR
  - XXXX— PROPOSED CONTOUR
  - - - - - PROPERTY LINE
  - EQUIPMENT FOUNDATION LOCATION
  - STORM WATER FLOW DIRECTION

**TABLE 1**  
**PNM LA MORADA SUBSTATION SITE- HYDROLOGIC CALCULATIONS (100yr, 24hr)**  
*Ultimate Development Conditions Basin Data Table*

This table is based on the DPM Section 22.2, Zone: 1

SUB-BASIN ID	Area (SQ. FT)	Area (AC.)	Land Treatment Percentages				Q(100) (cfs/ac.)	Q(100) (cfs)	WT E (inches)	V(100) <sub>360</sub> (CF)	V(100) <sub>1440</sub> (CF)
			A	B	C	D					
<b>Existing</b>											
On-Site Basin	137140	3.15	100.0%	0.0%	0.0%	0.0%	1.29	4.1	0.44	5028	5028
Off-Site Basin	13940	0.32	0.0%	0.0%	100.0%	0.0%	2.87	0.9	0.99	1150	1150
<b>Proposed</b>											
Substation (within wall)	19136	0.44	0.0%	0.0%	100.0%	0.0%	2.87	1.3	0.99	1579	1579
Gravel Driveways	6963	0.16	0.0%	0.0%	100.0%	0.0%	2.87	0.5	0.99	574	574
Tie Back to Existing from Wall	8802	0.20	0.0%	0.0%	100.0%	0.0%	2.87	0.6	0.99	726	726

REVISION NO.	DATE	BY

**PROPRIETARY STATEMENT**

THIS DOCUMENT AND ALL PREVIOUS ISSUES ARE THE PROPERTY OF PUBLIC SERVICE COMPANY OF NEW MEXICO ("PNM") AND NEITHER RECEIPT NOR POSSESSION THEREOF INFERS OR TRANSFERS ANY RIGHT IN OR LICENSE TO USE THIS DOCUMENT THE SUBJECT MATTER THEREOF OR ANY DESIGN OR TECHNICAL INFORMATION SHOWN THEREON OR ANY RIGHT TO REPRODUCE THIS DOCUMENT OR ANY PART THEREOF. NEITHER THIS DOCUMENT NOR ANY INFORMATION CONTAINED THEREIN MAY BE COPIED, REPRODUCED, OR OTHERWISE USED OR DISCLOSED TO ANY OTHER PARTY WITHOUT FIRST OBTAINING THE EXPRESS WRITTEN PERMISSION OF PNM. THIS DOCUMENT IS PROVIDED UNDER THE EXPRESS CONDITION THAT IT WILL BE HELD IN CONFIDENCE BY THE RECIPIENT, THAT IT IS SUBJECT TO RETURN UPON DEMAND, AND THAT IT WILL NOT BE USED IN ANY WAY DETRIMENTAL TO PNM.

**PNM PUBLIC SERVICE COMPANY OF NEW MEXICO**

CONCEPTUAL GRADING PLAN V.2

PNM - LA MORADA SUBSTATION

DR: JLB	TR:	DATE: SEP 30, 2014
CKD: TMF	OK:	SCALE: 1"=30'
APP:	ACAD FILE:	SHEET 4 OF 6
REV. NO.	USS-19202	

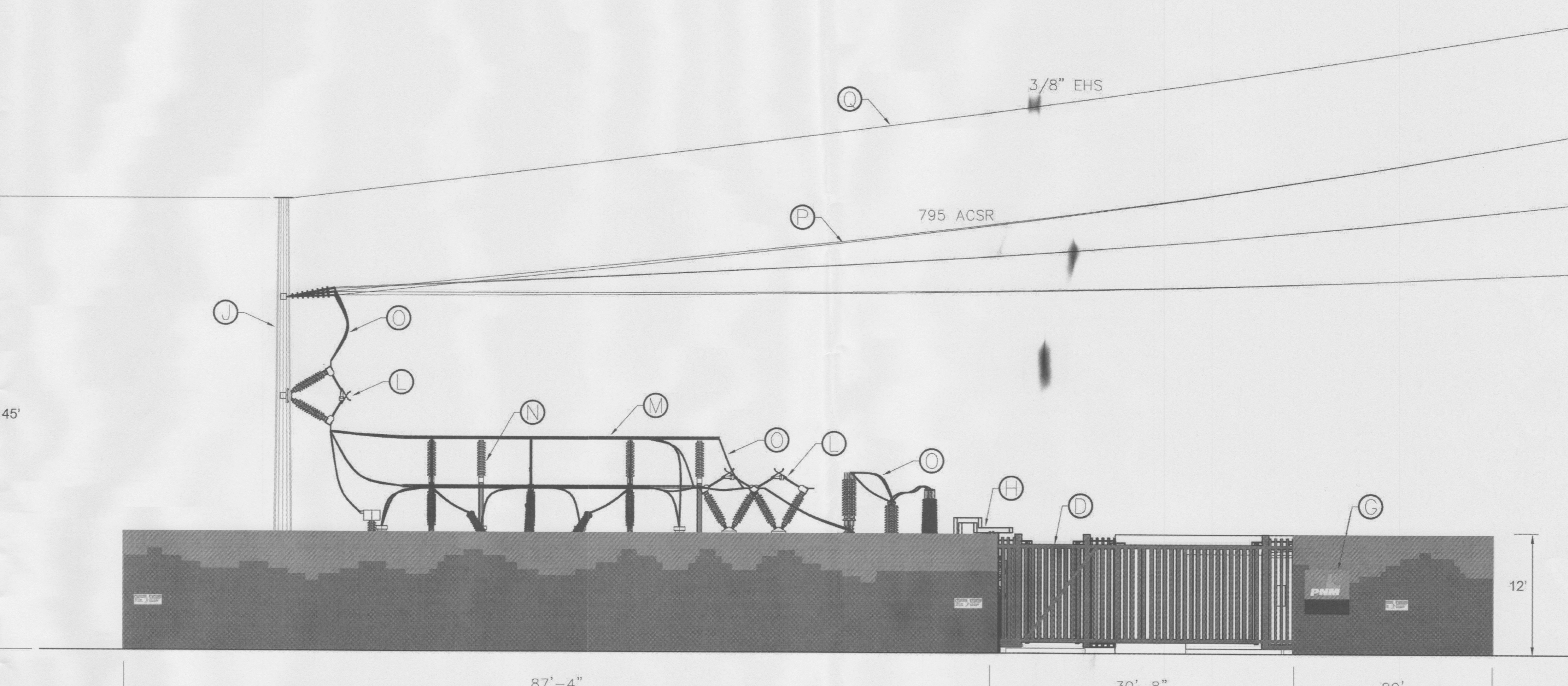
**Bohannon & Huston**

www.bhinc.com 800.877.5332

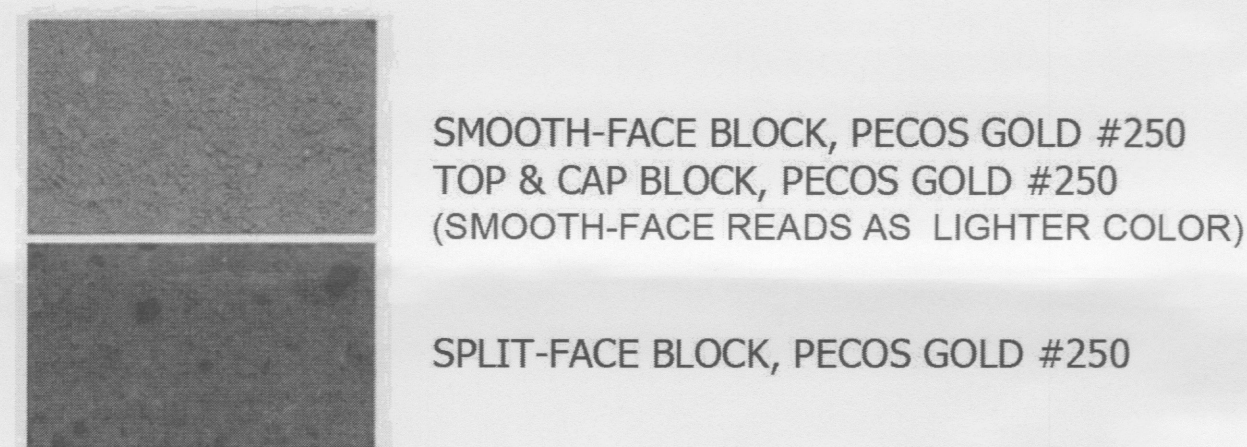




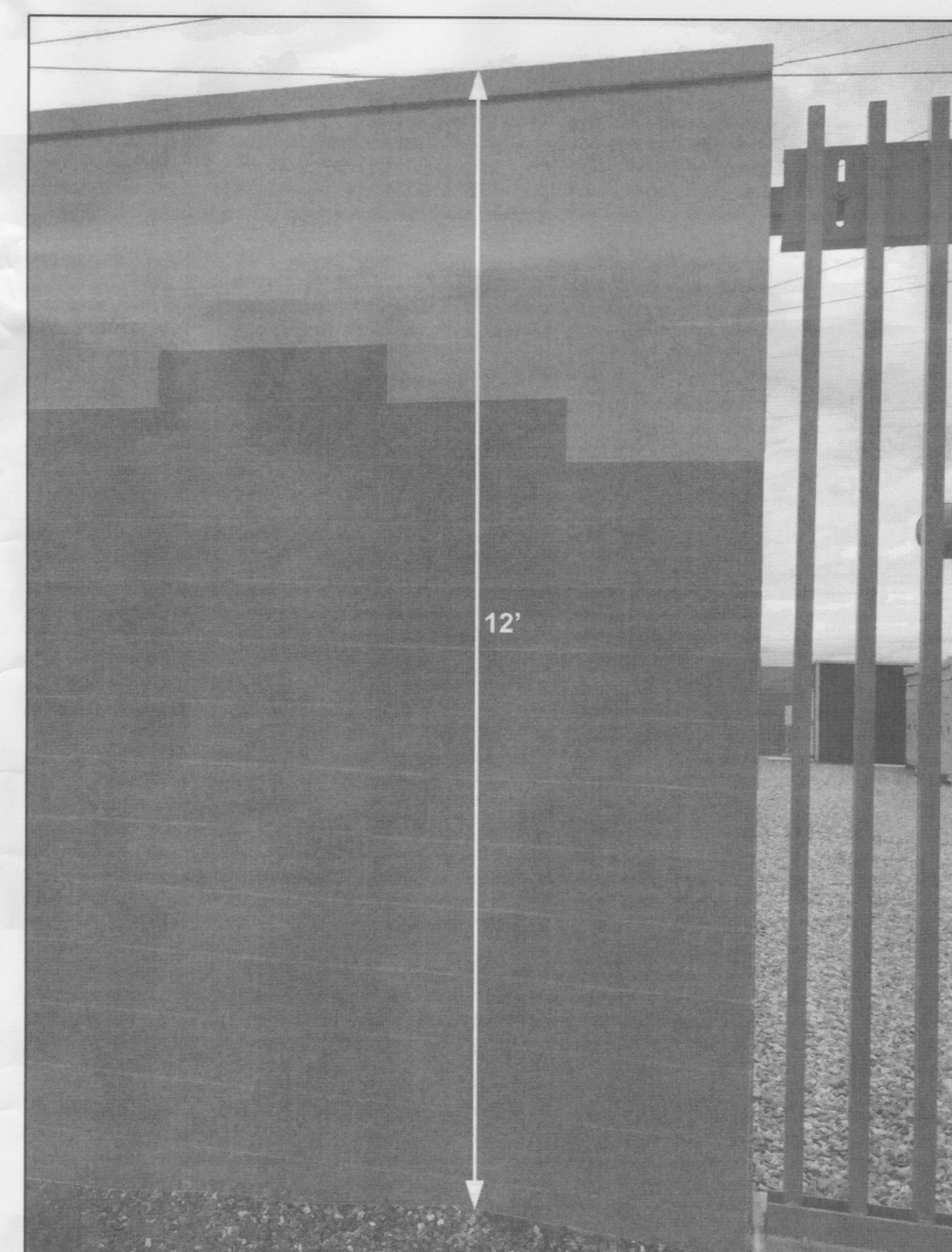
SOUTH ELEVATION



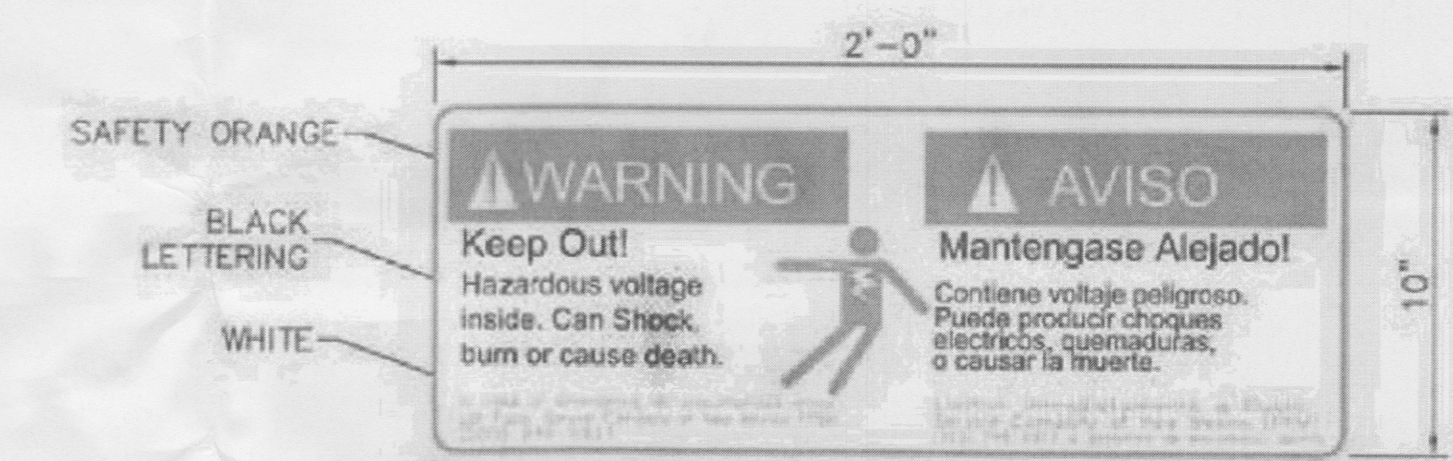
NORTH ELEVATION



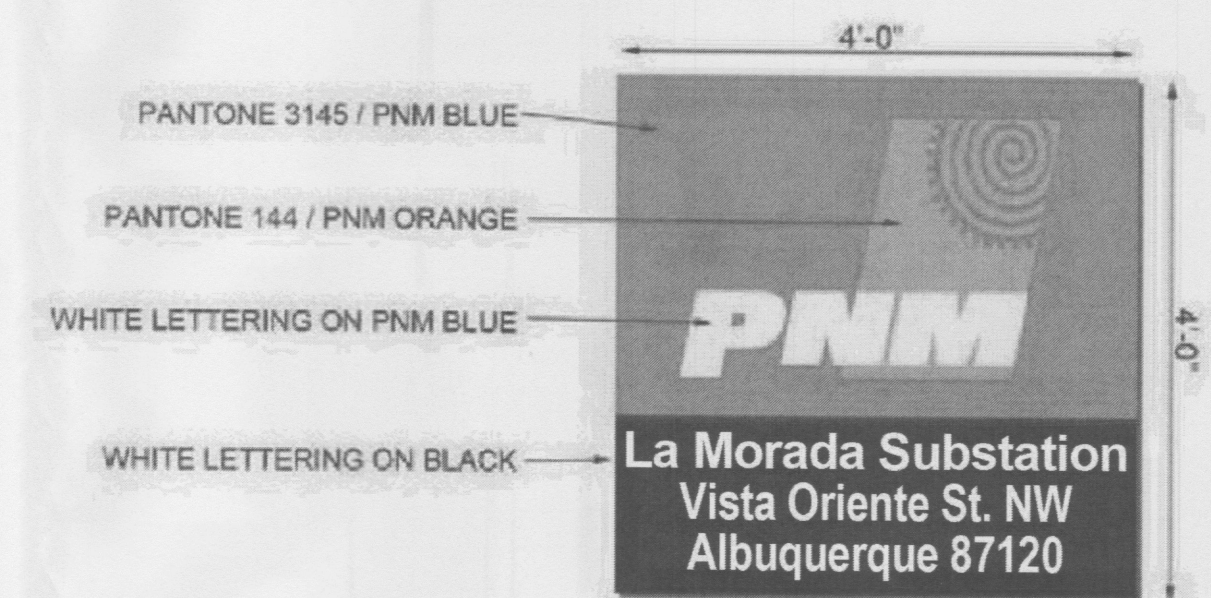
NOTES:	KEYED ITEM	COLOR	SPECIFICS
1. SUBSTATION WILL COMPLY WITH NEMA NOISE GUIDELINES.	(A) SPLIT-FACE BLOCK	PECOS GOLD (MEDIUM BROWN)	UTILITY BLOCK CO. INC. #250
2. SUBSTATION WILL BE MAINTAINED GRAFFITI FREE.	(B) SMOOTH-FACE BLOCK	PECOS GOLD (MEDIUM BROWN)	UTILITY BLOCK CO. INC. #250
3. CONTINUOUS WALL CAP SHALL PROTRUDE 2 INCHES.	(C) TOP & CAP BLOCK (w/2\" PROTRUSION)	PECOS GOLD (MEDIUM BROWN)	UTILITY BLOCK CO. INC. #250
	(D) STEEL SWING GRILL	PAINTED BREVITY BROWN (MEDIUM BROWN)	SW6068 LRV10
	(E) WARNING SIGN	(SEE DETAIL)	NON-REFLECTIVE SURFACE
	(F) PNM STATION SIGN	(SEE DETAIL)	NON-REFLECTIVE SURFACE
	(H) TRANSFORMER	ANSI-70 GREY	NON-REFLECTIVE SURFACE
	(J) TRANSMISSION STRUCTURE	WEATHERED STEEL	NON-REFLECTIVE SURFACE
	(K) DEAD END STRUCTURE	WEATHERED STEEL	NON-REFLECTIVE SURFACE
	(L) V-SWITCH	ANSI-70 GREY	NON-REFLECTIVE SURFACE
	(M) ELECTRIC BUS	ALUMINIUM GREY	NON-REFLECTIVE SURFACE
	(N) BUS INSULATOR	ANSI-70 GREY	NON-REFLECTIVE SURFACE
	(O) CONNECTION WIRE	ALUMINIUM GREY	NON-REFLECTIVE SURFACE
	(P) TRANSMISSION LINE	ALUMINIUM GREY	NON-REFLECTIVE SURFACE
	(Q) STATIC LINE	ALUMINIUM GREY	NON-REFLECTIVE SURFACE



WALL DETAIL



SAFETY WARNING SIGN (No Scale)  
FOR SAFETY PURPOSES AS REQUIRED BY NESC.



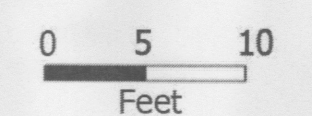
STATION SIGN (No Scale)

REVISION	NO.	DATE	BY

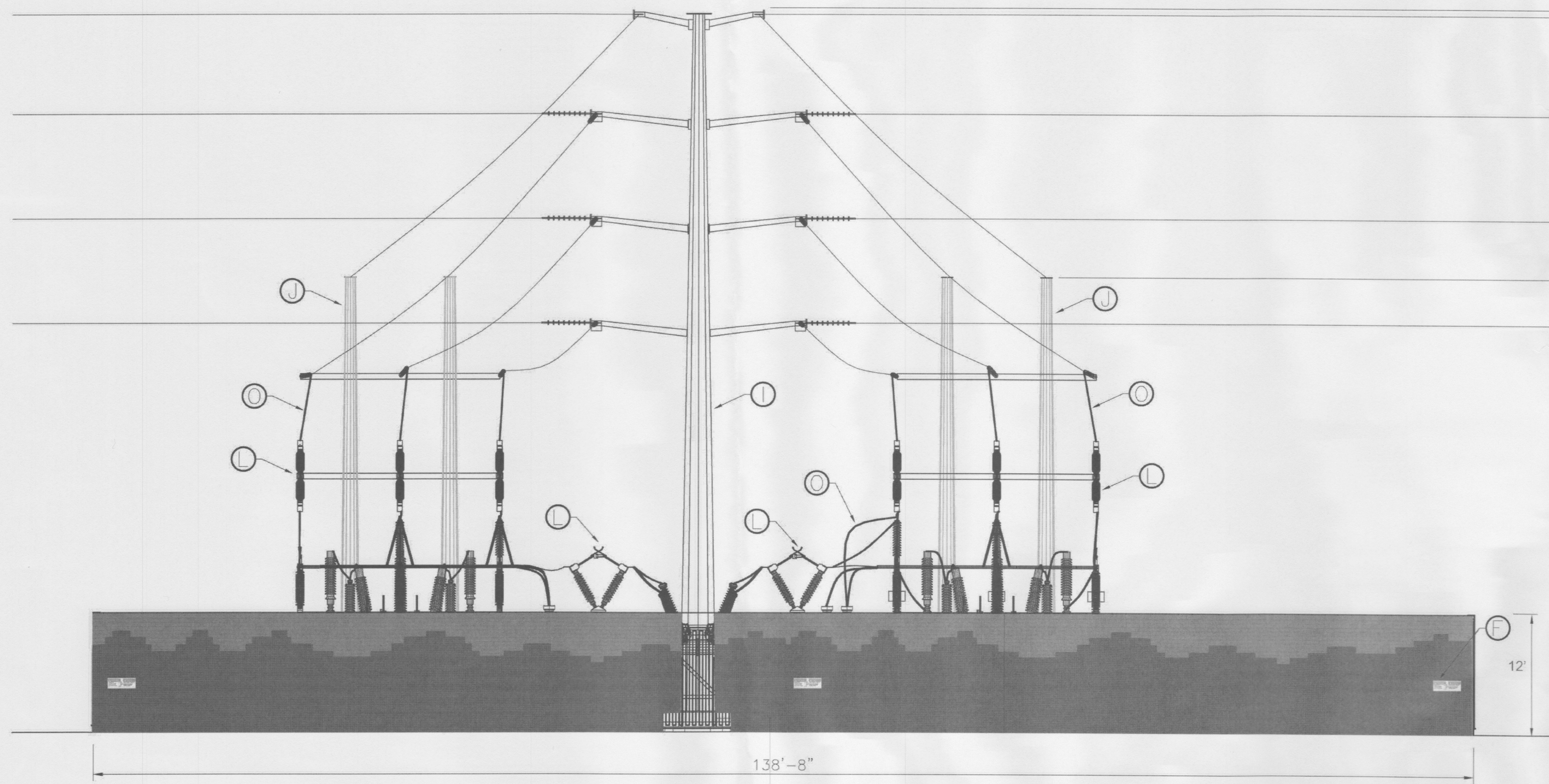
**PROPRIETARY STATEMENT**

THIS DOCUMENT AND ALL PREVIOUS ISSUES ARE THE PROPERTY OF PUBLIC SERVICE COMPANY OF NEW MEXICO (PNM) AND NEITHER RECEIPT NOR POSSESSION THEREOF INFERS OR TRANSFERS ANY RIGHT IN OR LICENSE TO USE THIS DOCUMENT THE SUBJECT MATTER THEREOF OR ANY DESIGN OR TECHNICAL INFORMATION SHOWN THEREON OR ANY RIGHT TO REPRODUCE THIS DOCUMENT OR ANY PART THEREOF. NEITHER THIS DOCUMENT NOR ANY INFORMATION CONTAINED THEREIN MAY BE COPIED, REPRODUCED, OR OTHERWISE USED OR DISCLOSED TO ANY OTHER PARTY WITHOUT FIRST OBTAINING THE EXPRESS WRITTEN PERMISSION OF PNM. THIS DOCUMENT IS PROVIDED UNDER THE EXPRESS CONDITION THAT IT WILL BE HELD IN CONFIDENCE BY THE RECIPIENT, THAT IT IS SUBJECT TO RETURN UPON DEMAND, AND THAT IT WILL NOT BE USED IN ANY WAY DETRIMENTAL TO PNM.

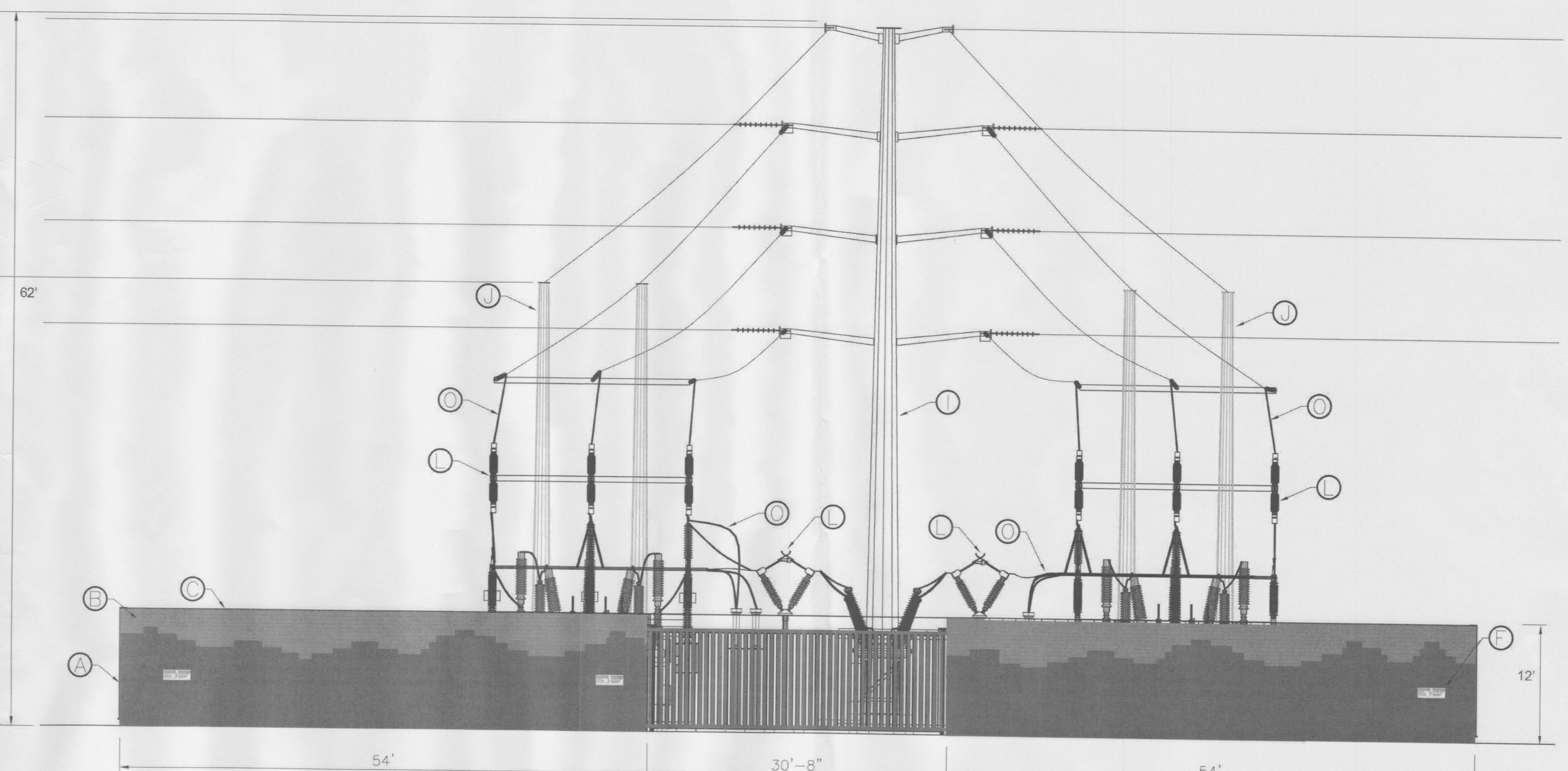
<b>PNM</b> PUBLIC SERVICE COMPANY OF NEW MEXICO	
ELEVATION VIEW	V.3
115KV LAYOUT	
LA MORADA UNIT SUBSTATION	
DR: DY	TR: DATE: 9/17/2014
CKD:	OK: SCALE: 1"=10'-0"
APP:	ACAD FILE: USS19200
REV. NO.	SHEET 5 of 6



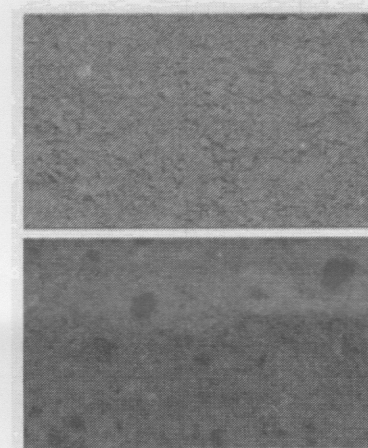




WEST ELEVATION



EAST ELEVATION



SMOOTH-FACE BLOCK, PECOS GOLD #250  
TOP & CAP BLOCK, PECOS GOLD #250  
(SMOOTH-FACE READS AS LIGHTER COLOR)

SPLIT-FACE BLOCK, PECOS GOLD #250

NOTES:

- SUBSTATION WILL COMPLY WITH NEMA NOISE GUIDELINES.
- SUBSTATION WILL BE MAINTAINED GRAFFITI FREE.
- CONTINUOUS WALL CAP SHALL PROTRUDE 2 INCHES.

KEYED ITEM

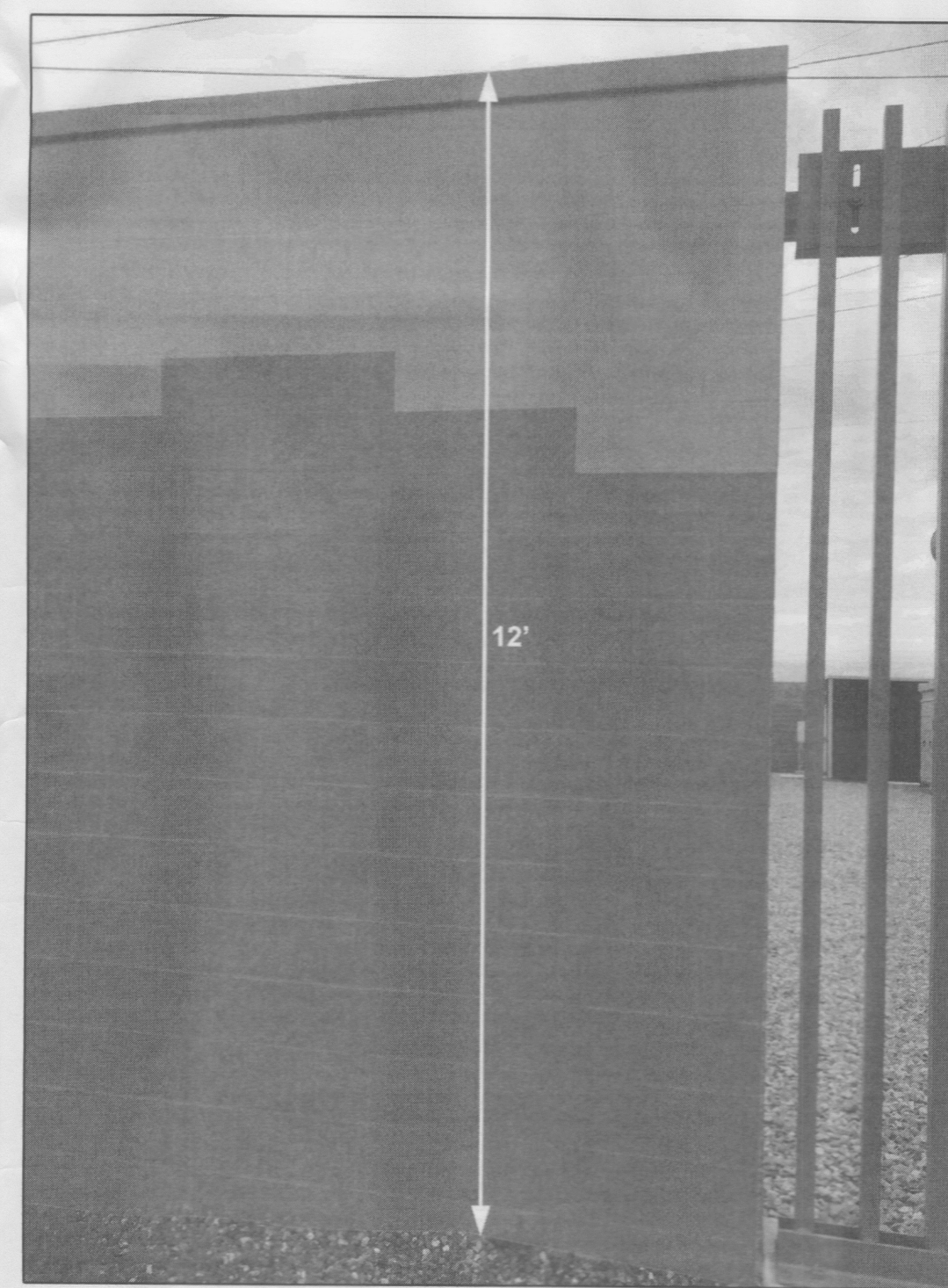
- (A) SPLIT-FACE BLOCK
- (B) SMOOTH-FACE BLOCK
- (C) TOP & CAP BLOCK (w/2" PROTRUSION)
- (D) STEEL SWING GRILL
- (E) WARNING SIGN
- (F) PNM STATION SIGN
- (G) TRANSFORMER
- (H) TRANSMISSION STRUCTURE
- (J) DEAD END STRUCTURE
- (L) V-SWITCH
- (M) ELECTRIC BUS
- (N) BUS INSULATOR
- (O) CONNECTION WIRE
- (P) TRANSMISSION LINE
- (Q) STATIC LINE

COLOR

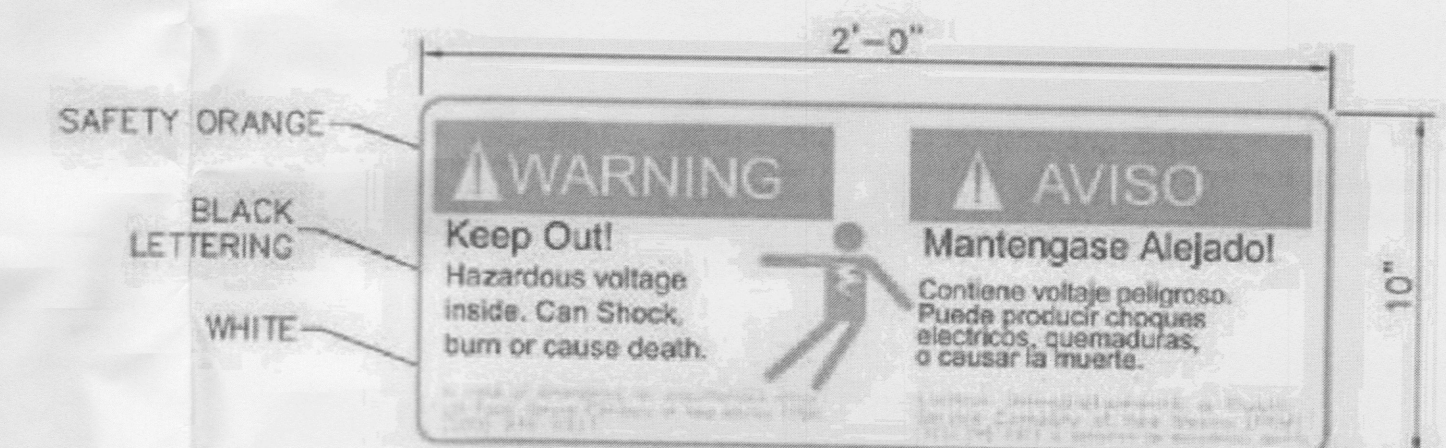
- PECOS GOLD (MEDIUM BROWN)
- PECOS GOLD (MEDIUM BROWN)
- PECOS GOLD (MEDIUM BROWN)
- PAINTED BREVITY BROWN (MEDIUM BROWN) (SEE DETAIL)
- ANSI-70 GREY (SEE DETAIL)
- WEATHERED STEEL
- WEATHERED STEEL
- ANSI-70 GREY
- ALUMINIUM GREY
- ANSI-70 GREY
- ALUMINIUM GREY
- ALUMINIUM GREY
- ALUMINIUM GREY

SPECIFICS

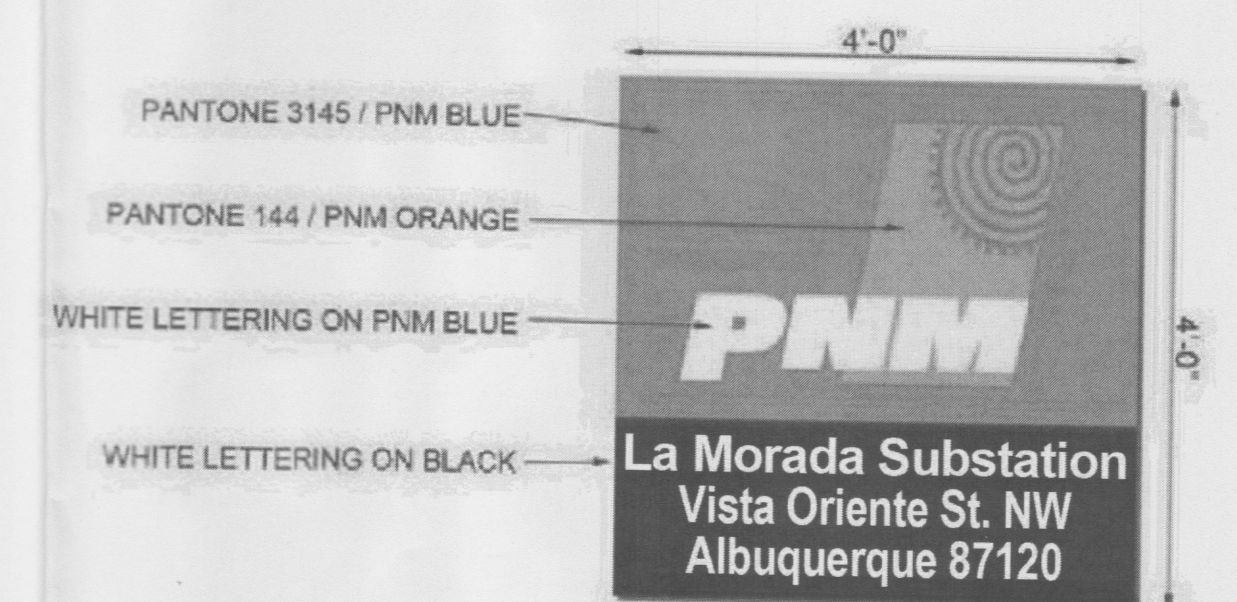
- UTILITY BLOCK CO. INC. #250
- UTILITY BLOCK CO. INC. #250
- UTILITY BLOCK CO. INC. #250
- SW6068 LRV10
- NON-REFLECTIVE SURFACE
- NON-REFLECTIVE SURFACE
- NON-REFLECTIVE SURFACE
- NON-REFLECTIVE SURFACE
- NON-REFLECTIVE SURFACE
- NON-REFLECTIVE SURFACE
- NON-REFLECTIVE SURFACE
- NON-REFLECTIVE SURFACE
- NON-REFLECTIVE SURFACE
- NON-REFLECTIVE SURFACE



WALL DETAIL



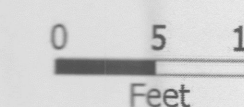
SAFETY WARNING SIGN (No Scale)  
FOR SAFETY PURPOSES AS REQUIRED BY NESC.



STATION SIGN (No Scale)

REVISION

NO. DATE BY



PROPRIETARY STATEMENT

THIS DOCUMENT AND ALL PREVIOUS ISSUES ARE THE PROPERTY OF PUBLIC SERVICE COMPANY OF NEW MEXICO ("PNM") AND NEITHER RECEIPT NOR POSSESSION THEREOF INFERS OR TRANSFERS ANY RIGHT IN OR LICENSE TO USE THIS DOCUMENT THE SUBJECT MATTER THEREOF OR ANY DESIGN OR TECHNICAL INFORMATION SHOWN THEREON OR ANY RIGHT TO REPRODUCE THIS DOCUMENT OR ANY PART THEREOF. NEITHER THIS DOCUMENT NOR ANY INFORMATION CONTAINED THEREIN MAY BE COPIED, REPRODUCED, OR OTHERWISE USED OR DISCLOSED TO ANY OTHER PARTY WITHOUT FIRST OBTAINING THE EXPRESS WRITTEN PERMISSION OF PNM. THIS DOCUMENT IS PROVIDED UNDER THE EXPRESS CONDITION THAT IT WILL BE HELD IN CONFIDENCE BY THE RECIPIENT, THAT IT IS SUBJECT TO RETURN UPON DEMAND, AND THAT IT WILL NOT BE USED IN ANY WAY DETRIMENTAL TO PNM.

PNM PUBLIC SERVICE COMPANY OF NEW MEXICO

ELEVATION VIEW V.3  
115kV LAYOUT  
LA MORADA UNIT SUBSTATION

DR: DY	TR:	DATE: 9-17-14
CKD:	OK:	SCALE: 1"=10'-0"
APP:	ACAD FILE: USS19200	SHEET 6 OF 6
REV. NO.		