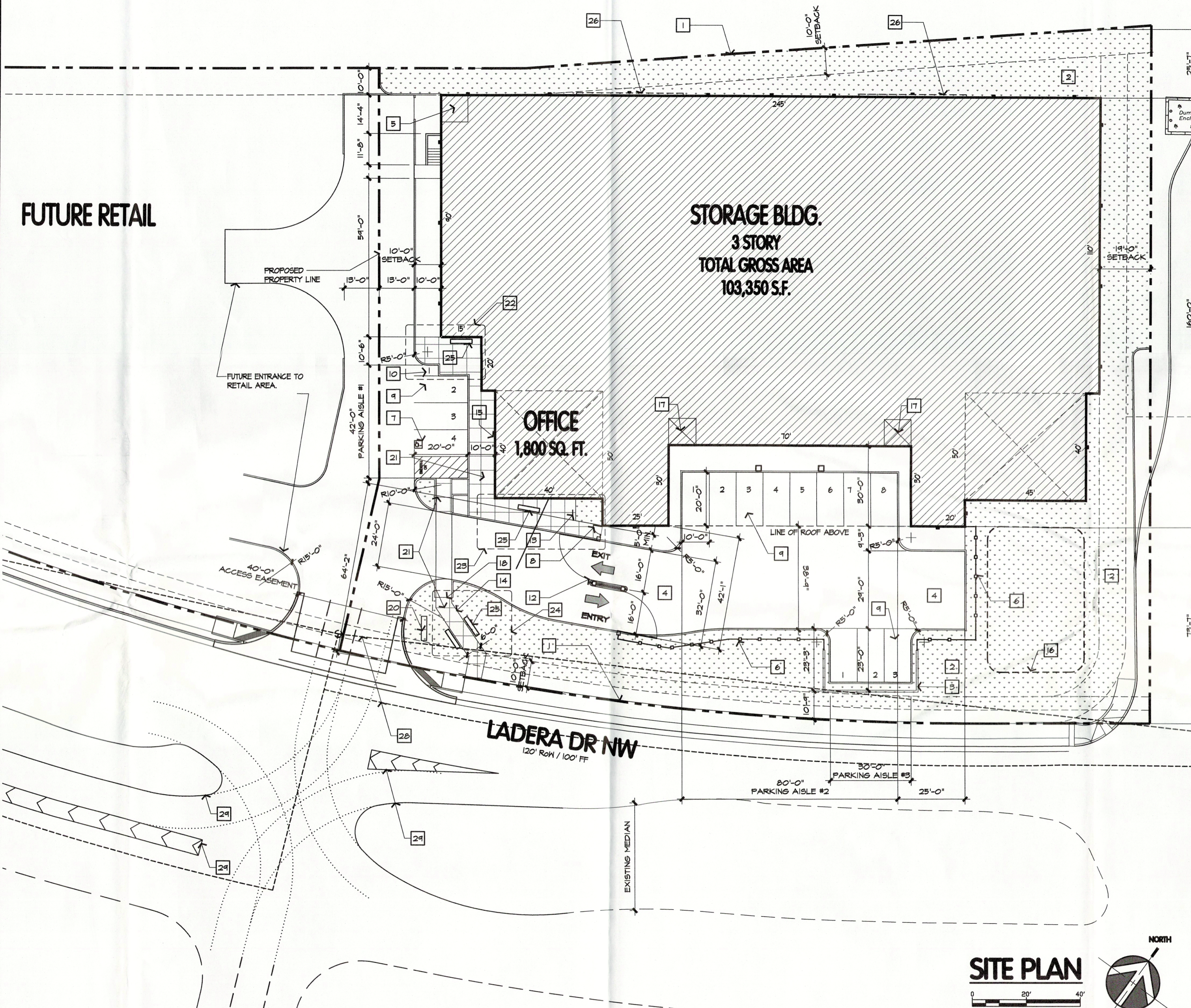
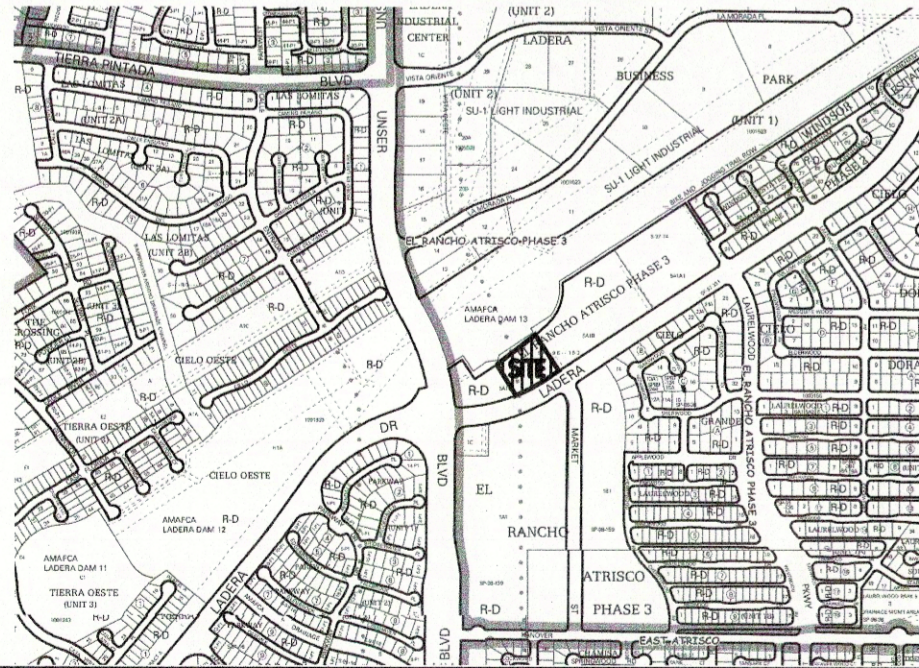


**KEYNOTES**

- 1 PROPERTY LINE.
- 2 LANDSCAPE AREA.
- 3 FENCE 1 - PARKING AREA. SEE ENLARGED DETAIL.
- 4 PAVED AREA.
- 5 TRASH & RECYCLING ENCLOSURE. SEE ENLARGED DETAIL.
- 6 FENCE 2 - BUILDING PERIMETER. SEE ENLARGED DETAIL.
- 7 VAN ACCESSIBLE PARKING SPACE. SEE ENLARGED DETAIL.
- 8 PEDESTRIAN ACCESS.
- 9 TYPICAL PARKING SPACE 9'X20'. STRIPING PER CITY STANDARDS.
- 10 MOTORCYCLE PARKING, MIN DIMENSIONS 4'X9'.
- 11 NOT USED.
- 12 SWING GATE.
- 13 BICYCLE RACK.
- 14 PROPOSED ACCESSIBLE SIDEWALK.
- 15 OFFICE ENTRANCE.
- 16 RETENTION AREA.
- 17 ELEVATOR LOCATION.
- 18 CURB RAMP.
- 19 NOT USED.
- 20 MONUMENT SIGN.
- 21 ENHANCED PAVING/STAMPED CONCRETE.
- 22 PUBLIC SPACE/SEATING AREA. 321 SQ.FT.
- 23 PUBLIC SPACE/SEATING AREA. 257 SQ.FT.
- 24 PUBLIC SPACE/SEATING AREA. 622 SQ.FT.
- 25 SEATING BENCH.
- 26 8" ARCHITECTURAL PROJECTION.
- 27 MANEUVERING AREA.
- 28 LINE OF CLEAR SIGHT.
- 29 "OFFSITE IMPROVEMENTS TO BE DONE WITH SEPARATE WORK ORDER."

- GENERAL NOTE:**
1. "ALL RAMPS LOCATED WITHIN THE CITY OF ALBUQUERQUE RIGHT-OF-WAY MUST HAVE TRUNCATED DOMES."
  2. "PUBLIC SPACE: ONE PUBLIC SPACE AREA OF MIN. 400 SQ.FT. SHALL BE PROVIDED FOR EVERY 30,000 SQ.FT. OF BUILDING SPACE." - A TOTAL OF 1,200 SQ.FT. IS BEING PROVIDED. SEE KEYNOTES 22, 23 AND 24.  
SEATING CALCULATION:  
40'x25'+70'+20'+45' = 200' / 25'  
= 8' X 24'  
= 16' OF SEATING.
  3. "LANDSCAPING & SIGNAGE WILL NOT INTERFERE WITH CLEAR SIGN REQUIREMENTS. THEREFORE, SIGNS, WALLS, TREES AND SHRUBBERY BETWEEN 3' AND 8' TALL (AS MEASURED FROM THE GUTTER PAN) WILL NOT BE ACCEPTABLE IN THE CLEAR SIGHT TRIANGLE."
  4. "ALL IMPROVEMENTS LOCATED IN THE RIGHT OF WAY MUST BE INCLUDED ON THE WORK ORDER."

**VICINITY MAP**



**PROJECT INFORMATION**

<b>TOTAL SITE AREA:</b>	± 71,866 SQ. FT. 1.64 ACRES
<b>ZONING:</b>	SU-2/SU-1 FOR C1 USE
<b>USE:</b>	SELF STORAGE
<b>PROPOSED STORAGE BUILDING AREAS:</b>	
FIRST LEVEL:	32,350 SQ. FT.
SECOND LEVEL:	34,150 SQ. FT.
THIRD LEVEL:	36,850 SQ. FT.
<b>TOTAL STORAGE:</b>	<b>103,350 SQ. FT.</b>
<b>APPROX. NET RENTABLE (±75%):</b>	<b>±77,512 SQ. FT.</b>
<b>OFFICE:</b>	
TOTAL GROSS BUILDING AREA:	1,800 SQ. FT.
TOTAL GROSS BUILDING AREA:	105,150 SQ. FT.
<b>LOT COVERAGE</b>	
PROPOSED LOT COVERAGE (48%):	34,150 SQ. FT.
FLOOR AREA RATIO PROPOSED:	1.46
FLOOR AREA RATIO ALLOWED:	1.5
<b>LANDSCAPE</b>	
REQUIRED (15%):	10,780 SQ. FT.
PROPOSED (±24%):	17,164 SQ. FT.
PUBLIC SPACE AREA REQUIRED:	1,200 SQ.FT.
PUBLIC SPACE AREA PROPOSED:	1,200 SQ.FT.

<b>PARKING (AS REQUIRED PER EPC APPROVAL)</b>	
<b>PARKING STALLS AISLE 1:</b>	4
ACCESSIBLE PARKING:	1
MOTORCYCLE PARKING:	1
<b>PARKING STALLS AISLE 2:</b>	8
<b>PARKING STALLS AISLE 3 :</b>	3
<b>TOTAL PARKING PROVIDED:</b>	<b>15</b>
<b>BICYCLE PARKING:</b>	1 SPACE
<b>SOLID WASTE</b>	
<b>TRASH &amp; RECYCLING ENCLOSURE:</b>	1 TOTAL

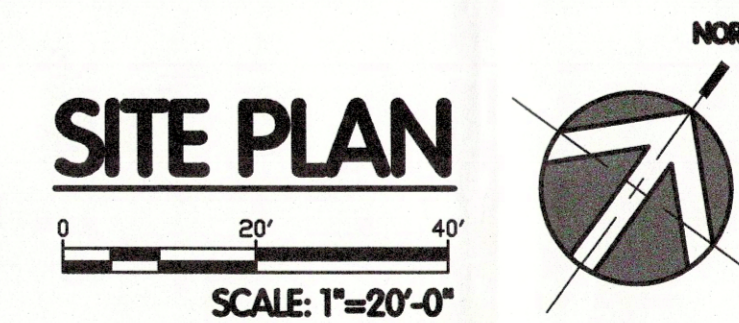
PROJECT NUMBER: 1003274  
APPLICATION NUMBER: 17DRB70246

THIS PLAN IS CONSISTENT WITH THE SPECIFIC SITE DEVELOPMENT PLAN APPROVED BY THE ENVIRONMENTAL PLANNING COMMISSION (EPC), DATED AUGUST 10, 2017 AND THE FINDINGS AND CONDITIONS IN THE OFFICIAL NOTIFICATION OF DECISION ARE SATISFIED.

IS AN INFRASTRUCTURE LIST REQUIRED? (X) 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:

<i>Ronald Alford</i>	10/4/17
Traffic Engineering, Transportation Division	Date
<i>Jim Eutsgaard</i>	10/4/17
ABO/ALJA	Date
<i>Chandora</i>	10/4/17
Parks and Recreation Department	Date
<i>[Signature]</i>	3/20/18
City Engineer	Date
N/A	
Solid Waste Management	Date
<i>[Signature]</i>	3/20/2018
DRB Chairperson, Planning Department	Date



**CONSENSUS PLANNING, INC.**  
Planning / Landscape Architecture  
302 Eighth Street NW  
Albuquerque, NM 87102  
(505) 764-9801 Fax 842-5495  
e-mail: cp@consensusplanning.com

# TITAN DEVELOPMENT LADERA CROSSING SELF STORAGE ALBUQUERQUE, NM

## SITE PLAN FOR BUILDING PERMIT

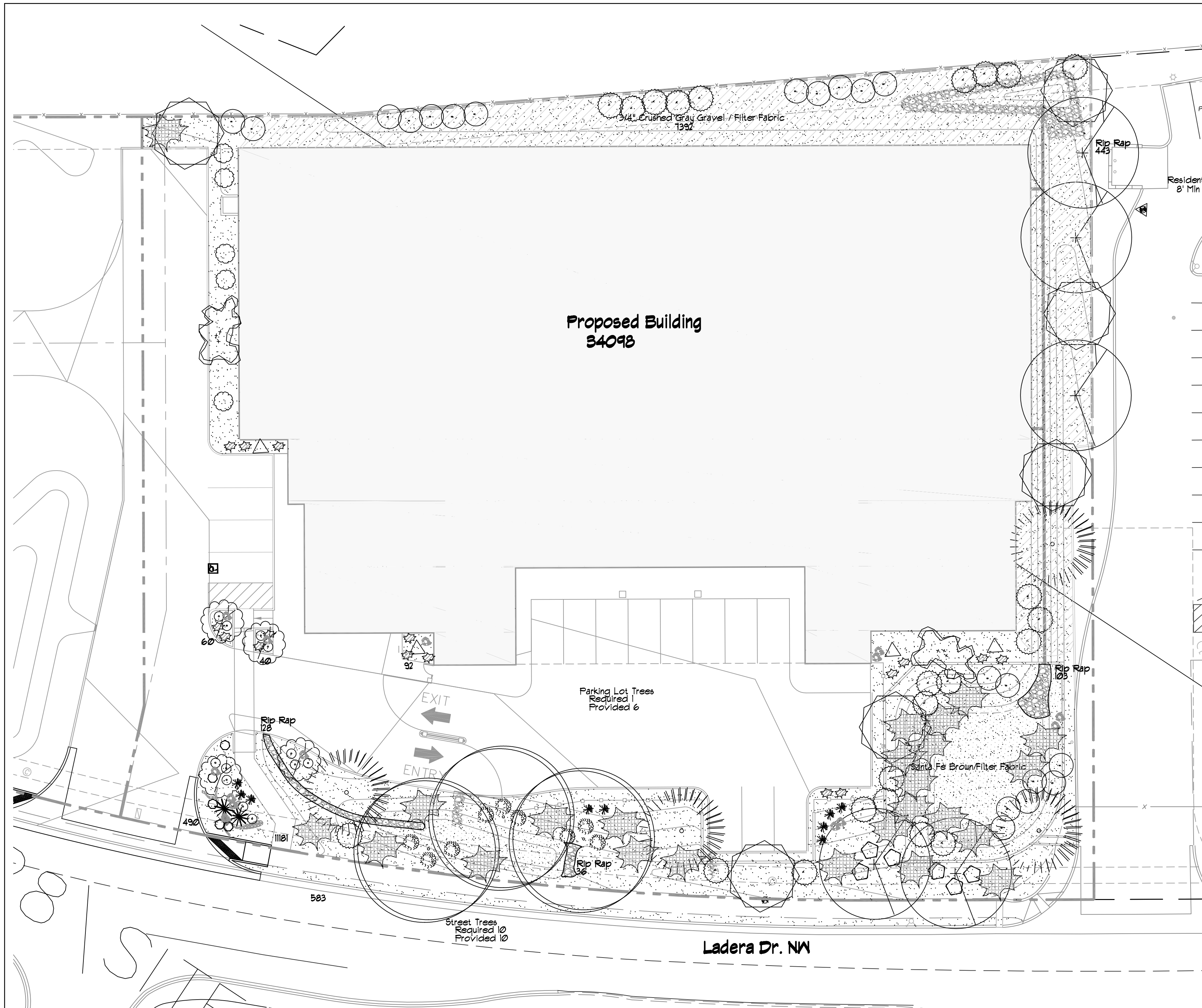
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JOB NUMBER: 17-424  
SCALE: 1" = 20'-0"  
DATE: 09/25/2017

**jordan**  
ARCHITECTS, INC.

131 CALLE VALESIA, SUITE 100  
SAN CLEMENTE,  
CA 92672-7541  
Telephone 949 388-8090  
Facsimile 949 388-8290

**1 OF 9**



### LANDSCAPE LEGEND

QTY	SIZE	COMMON/BOTANICAL	H2O USE
<b>Trees</b>			
5	2" cal	Chinese Pistache <i>Pistacia chinensis</i>	1225 6125 M+
3	2" cal	Honey Locust <i>Gleditsia triacanthos</i>	2025 6075 M
4	6 - 8'	Austrian Pine <i>Pinus nigra</i>	625 2500 M
2	15 Gal	Crape Myrtle <i>Lagerstroemia indica</i>	400 800 M
2	4 - 6'	Palm Yucca <i>Yucca faxoniana</i>	36 12 M
4	15 Gal	Oklahoma Redbud <i>Cercis reniformis</i>	144 576 M
6	15 Gal	Desert Willow <i>Chilopsis linearis</i>	625 3750 M 19838
<b>Shrubs &amp; Groundcovers</b>			
9	5 Gal	India Hawthorn <i>Raphiolepis indica</i>	25 225 M
9	5 Gal	Feather Reed Grass <i>Calamagrostis arundinacea</i>	4 36 M
6	5 Gal	Wintergreen Barberry <i>Berberis julianae</i>	25 150 M
4	5 Gal	Butterfly Bush <i>Buddleia davidii</i>	25 100 M
16	5 Gal	Carpet Rose <i>Jasminum nudiflorum</i>	9 144 M
24	5 Gal	Buffalo Juniper <i>Juniperus sabin</i> "Buffalo" Female Only	144 3456 M
5	5 Gal	Cherry Sage <i>Salvia greggii</i>	2x3 9 45 M
12	5 Gal	Blue Mist <i>Caryopteris x clandonensis</i>	3x3 9 108 M
5	5 Gal	Fern Bush <i>Chamaebatiaria millefolium</i>	5x6 36 180 L
23	5 Gal	Apache Plume <i>Fallugia paradoxa</i>	6x1 49 1121 L
20	5 Gal	Chamisa <i>Chrysothamnus nauseosus</i>	5x1 49 1023 L
14	2-3cf	Boulders To be placed at contractor discretion	6600
12446		Landscape Gravel / Filter Fabric Santa Fe Brown	19838
7392		3/4" Crushed Gray	801
		Oversize Landscape Gravel / Filter Fabric 2-4" Santa Ana Tan Rip Rap Swales Yucca Accent Cobble	

**LANDSCAPE NOTES:**  
Landscape maintenance shall be the responsibility of the Property Owner. The Property Owner shall maintain street trees and shrubs in a living, healthy, and attractive condition.

Water management is the sole responsibility of the Property Owner. All landscaping will be in conformance with the City of Bernalillo Zoning Code. In general, water conservative, environmentally sound landscape principles will be followed in design and installation.

Gray Gravel over Filter Fabric to a minimum depth of 3" shall be placed in all landscape areas which are not designated to receive native seed.

It is the intent of this plan to comply with the City of Albuquerque Landscape Ordinance. Approval of this plan does not constitute or imply exemption from water waste provisions of the Water Conservation Landscaping and Water Waste Ordinance.

**IRRIGATION NOTES:**  
Irrigation system maintenance and operation shall be the sole responsibility of the owner. It shall be the owners responsibility to ensure that fugitive water does not leave the site due to overwatering.

Irrigation shall be a complete underground system with Trees to receive 1 Netafim spiral (50' length) with 3 loops at a final radius of 4.5' from tree trunk pinned in place. Netafim shall have emitters 12" o.c. with a flow of 6 gph. Shrubs to receive (2) 10 GPH Drip Emitters. Drip and Bubblers systems to be tied to 1/2" poly pipe with flush caps at each end.

Run time per each shrub drip valve will be approximately 15 minutes per day. Tree drip valve shall run 15 hours, 3 times per week. Run time will be adjusted according to the season.

Point of connection for irrigation system is unknown at current time and will be coordinated in the field. Irrigation will be operated by automatic controller.

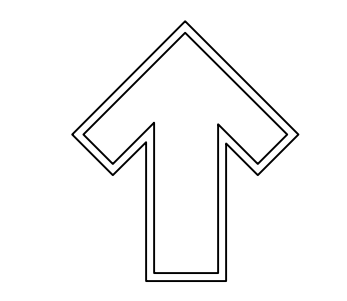
Location of controller to be field determined and power source for controller to be provided by others.

Irrigation maintenance shall be the responsibility of the Property Owner.

Water and Power source shall be the responsibility of the Developer/Builder.

### LANDSCAPE CALCULATIONS

TOTAL LOT AREA (sf)	11172
TOTAL BUILDING AREA (sf)	-34098
TOTAL LOT AREA (sf)	37674
LANDSCAPE REQUIREMENT	X .15
TOTAL LANDSCAPE REQUIRED (15%)	5651
TOTAL ON-SITE LANDSCAPE PROVIDED (52%)	19838
TOTAL GROUNDCOVER REQUIRED (30%)	5935
TOTAL GROUNDCOVER PROVIDED (31%)	6600
TOTAL LIVE PLANT MATERIAL REQUIRED (75%)	10384
TOTAL LIVE PLANT MATERIAL PROVIDED (165%)	26498



The Hilltop  
1909 Edith NE  
Albuquerque, NM 87113  
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Ph: (505) 898-9690  
Fax: (505) 898-1131  
danny@hilltoplandscape.com

Landscape Architect



June 21, 2011

Ladera Crossing  
Ladera Rd. NW  
Albuquerque, NM

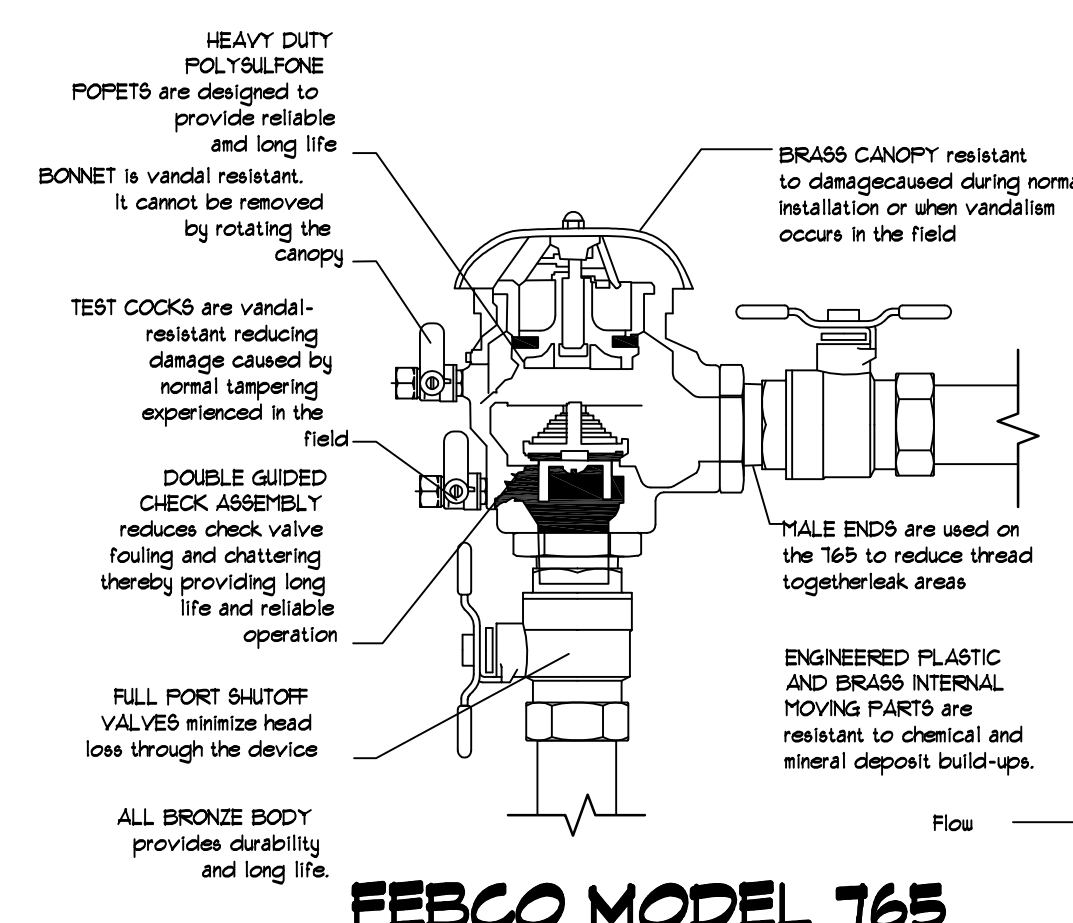
LANDSCAPE PLAN

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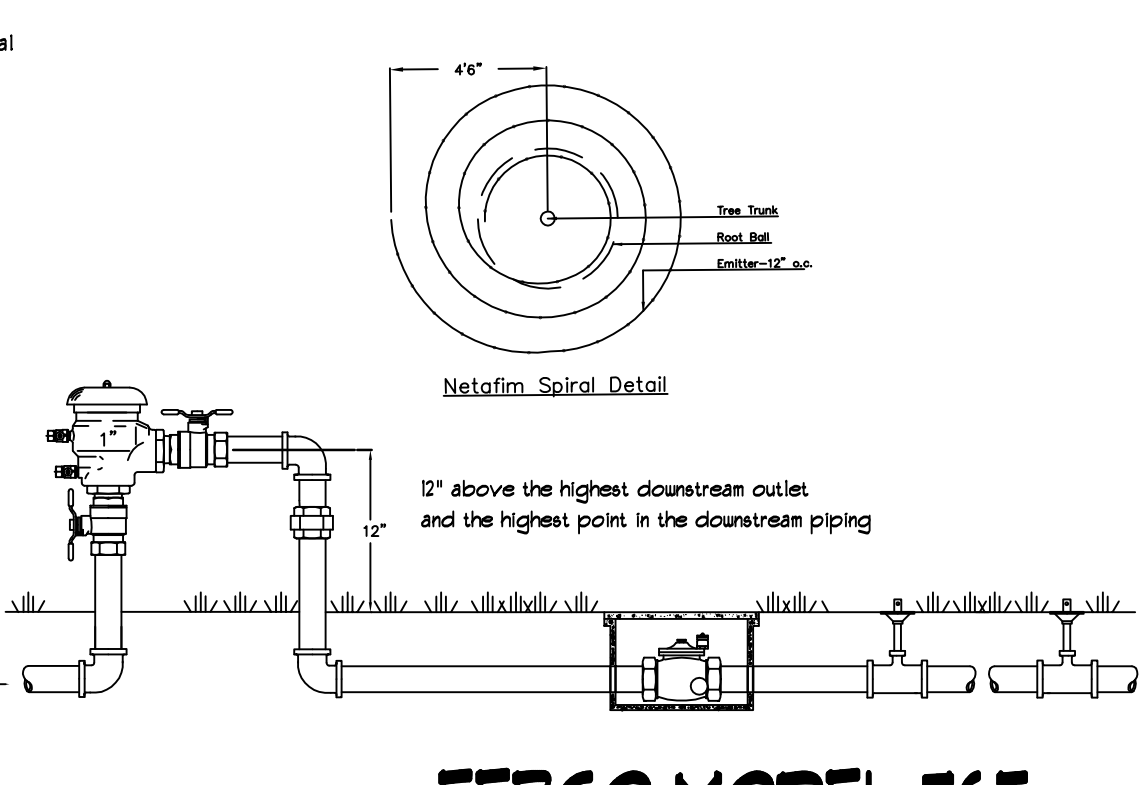


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DATE

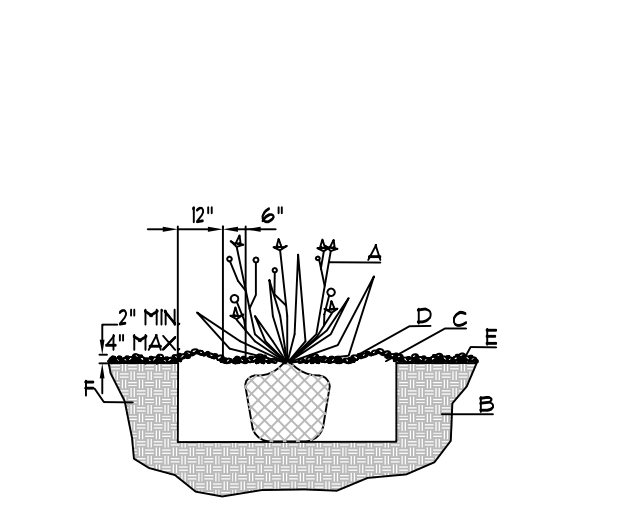
SHEET #  
LS-101



**FEBCO MODEL 765**  
Pressure Vacuum Breaker  
Features

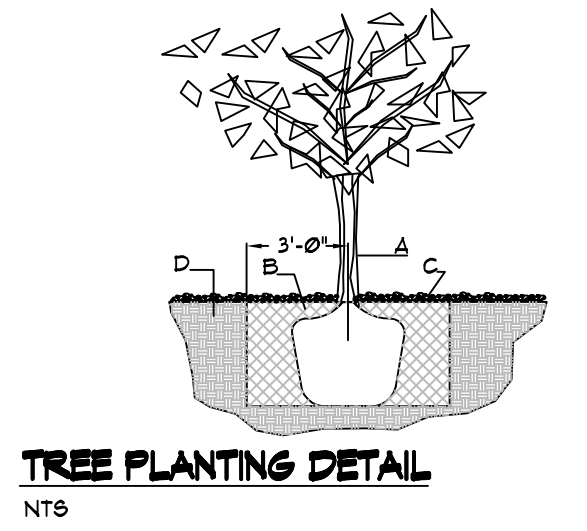


**FEBCO MODEL 765**  
Pressure Vacuum Breaker  
Outside Installation



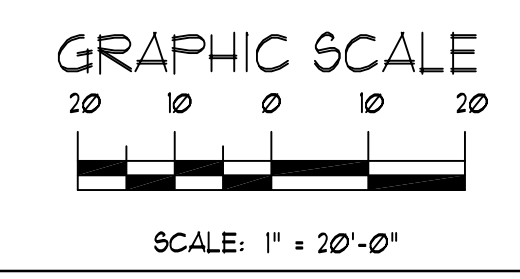
**SHRUB PLANTING DETAIL**  
NTS

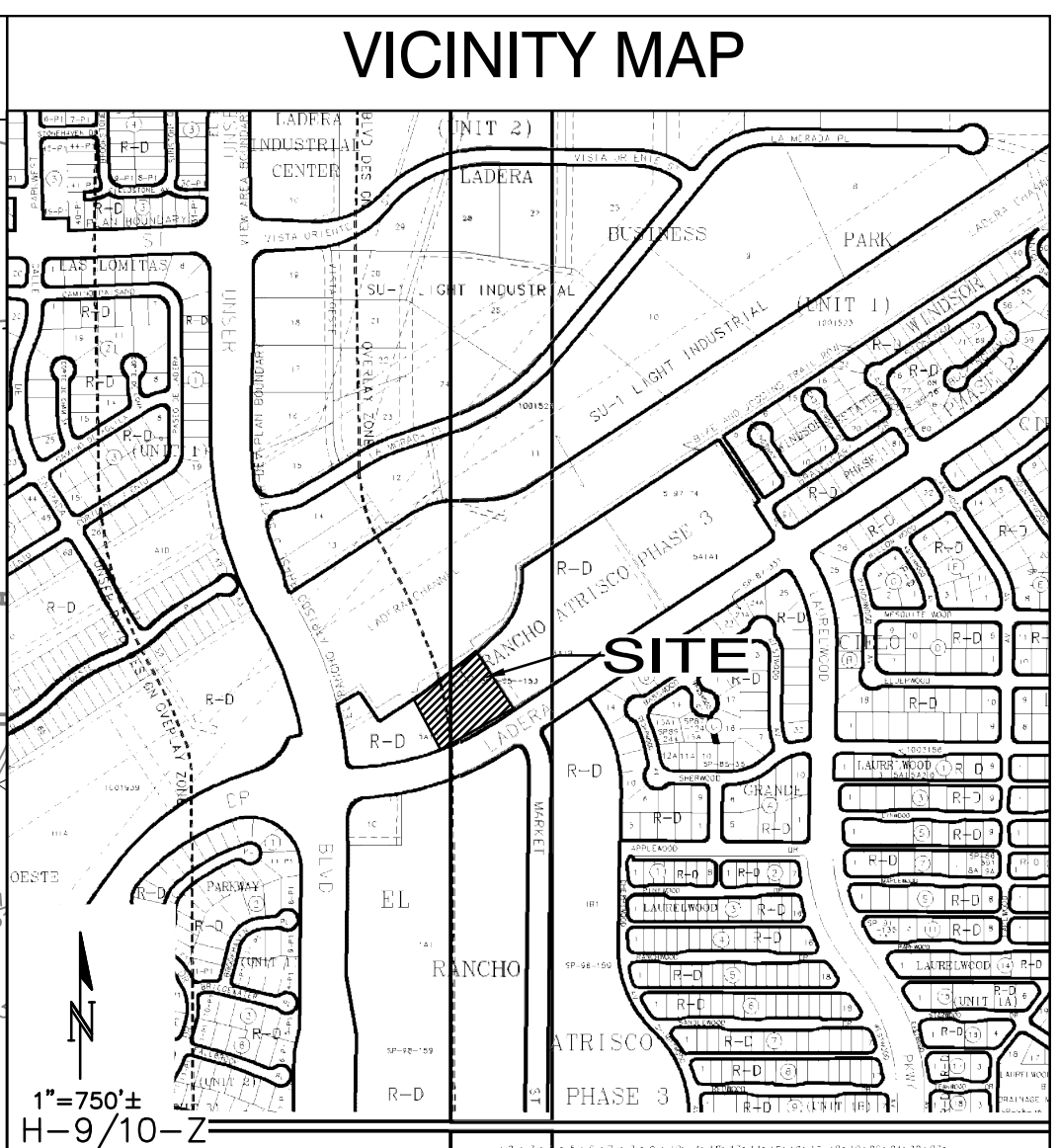
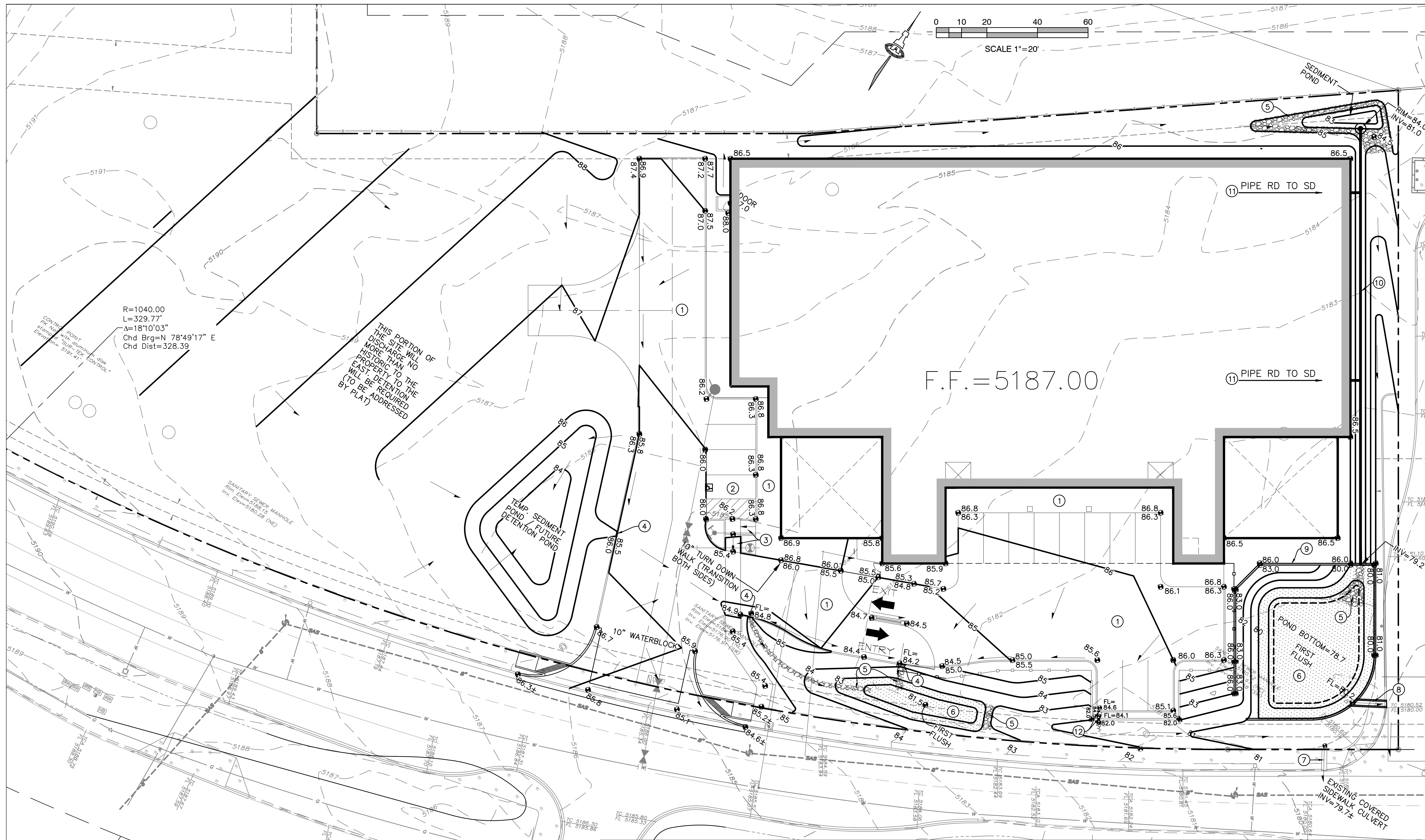
GENERAL NOTES:  
1. THE OUTSIDE DIAMETER OF THE WATER RETENTION BASIN SHALL BE TWICE THE DIAMETER OF THE SHRUB PLANTING PIT.  
CONSTRUCTION NOTES:  
A. SHRUB  
B. BACKFILL WITH EXISTING SOIL.  
C. EARTH BERRY AROUND WATER RETENTION BASIN.  
D. 3" DEPTH OF GRAVEL MULCH.  
E. FINISH GRADE.  
F. UNDISTURBED SOIL.



**TREE PLANTING DETAIL**  
NTS

GENERAL NOTES:  
1. ROOTBALL SHALL BE PLACED ON UNDISTURBED SOIL TO PREVENT TREE FROM SETTLING.  
2. TOP OF ROOTCOLLAR INDICATED LEVEL AT WHICH TREE WAS GROWN AND DUG+ THIS REPRESENTS THE LEVEL AT WHICH THE TREE SHOULD BE INSTALLED+ THAT LEVEL MAY BE EXCEEDED BY ONLY 1/4 ONE INCH LAYER OF SOIL.  
3. PRIOR TO BACKFILLING TREE, ALL WIRE, ROPE AND SYNTHETIC MATERIALS SHALL BE REMOVED FROM THE TREE AND THE PLANTING PIT.  
4. PRIOR TO BACKFILLING ALL BURLAP SHALL BE CUT AWAY EXCEPT FROM BOTTOM OF THE ROOTBALL.  
CONSTRUCTION NOTES:  
A. TREE  
B. BACKFILL WITH EXISTING SOIL.  
C. 3" DEPTH OF GRAVEL MULCH.  
D. UNDISTURBED SOIL.





- ### KEYED NOTES
1. CONSTRUCT PROPOSED PAVING / WALKS / CURB AND GUTTER TO ELEVATIONS SHOWN. SEE PAVING PLAN FOR PAVING MATERIAL, EXTENTS, SECTIONS, PARKING LAYOUT, DIMENSIONS, STRIPING, ETC. PROVIDE SMOOTH TRANSITION TO EXISTING.
  2. CONSTRUCT HC PARKING AREA TO ADA STANDARDS. MAX. 2% SLOPE IN ANY DIRECTION.
  3. CONSTRUCT ADA COMPLIANT HANDICAP ACCESS RAMP AT ELEVATIONS SHOWN. MAX. 2% CROSS-SLOPE.
  4. PROVIDE 24" WIDE CURB OPENING AT FLOWLINE SHOWN.
  5. INSTALL ROCK EROSION PROTECTION AT CURB OPENING, WITHIN FLOWLINES CARRYING CONCENTRATED FLOW (3' WIDE) AND LIMITS HATCHED PER LEGEND.
  6. DOT HATCHED AREA REPRESENTS EXTENTS OF 'FIRST FLUSH' RETENTION PONDING. CONSTRUCT TO ELEVATIONS SHOWN.
  7. EXISTING COVERED SIDEWALK CULVERT. CONTRACTOR TO CLEAN AND REMOVE ANY MATERIAL BLOCKING ACCESS TO FLOW.
  8. CONSTRUCT 24" WIDE (BOTTOM WIDTH) CONCRETE RUNDOWN COVERED.
  9. CONSTRUCT RETAINING WALL TO ACHIEVE GRADE TRANSITIONS SHOWN. GRADES PROVIDED EACH SIDE REFLECT FINISH GRADES. SEE ARCHITECTURAL FOR INFORMATION RE: STRUCTURAL DESIGN, ADDITIONAL WALL HEIGHT, CONSTRUCTION DETAILS, WEEPHOLES, ETC.
  10. INSTALL PRIVATE STORM DRAIN SYSTEM TO DELIVER ROOF DISCHARGE TO SOUTHEAST POND. SEE CG-2.
  11. ROOF DISCHARGE TO BE PIPED DIRECTLY TO STORM DRAIN SYSTEM. SEE PLUMBING PLANS FOR CONTINUATION.
  12. PROVIDE 12" WIDE CURB OPENING AT FLOWLINE SHOWN. PROVIDE TURNED BLOCK IN WALL AT FLOWLINE SHOWN TO PASS MINOR BASIN FLOW.

### CONSTRUCTION STAKING

UPON WRITTEN REQUEST COORDINATED THROUGH THE PROJECT ARCHITECT, THE ELECTRONIC FILE OF THE GRADING AND DRAINAGE WILL BE PROVIDED TO THE CONTRACTOR FOR VERTICAL CONTROL. DO NOT USE THIS PLAN FOR PROJECT STAKING.

**ISAACSON & ARFMAN, P.A.**  
Consulting Engineering Associates  
128 Monroe Street N.E.  
Albuquerque, New Mexico 87108  
Ph. 505-268-8828 www.isaacson.com

2228 CG-101.dwg Jun 27, 2017

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### LADERA CROSSING SELF STORAGE

CONCEPTUAL GRADING AND DRAINAGE PLAN	
Date: JUNE '17	Job No. 2228
Drawn By: BJB	CG-101
Ckd By: FCA	SH. OF

**DRAINAGE PLAN CONCEPT:** FLOW FROM THE UNDEVELOPED PORTION OF THE PROPERTY TO THE WEST WILL PASS THROUGH A SEDIMENT CONTROL POND. EXCESS WILL OVERFLOW TO THE PAVEMENT TO CONTINUE ALONG THE HISTORIC FLOWPATH.

THE AREA TO BE DEVELOPED CONSISTS OF TWO DRAINAGE BASINS. FLOW FROM IMPERVIOUS AREA WILL PASS THROUGH FIRST FLUSH RETENTION PONDS AS REQUIRED. EXCESS WILL DISCHARGE TO LADERA BLVD. VIA THE EXISTING COVERED SIDEWALK CULVERT OR THE PROPOSED CONCRETE RUNDOWN.

**CALCULATIONS: Unser & Ladera Self Storage : June 27, 2017**

Based on Drainage Design Criteria for City of Albuquerque Section 22.2, DPM, Vol 2, dated Jan., 1993

ON-SITE									
AREA OF SITE:	71866.1	SF	= 1.6						
ALLOWABLE DISCHARGE:	100-year, 6-hour								
	DEVELOPED FLOWS:								
	EXCESS PRECIP:								
Area A =	Treatment SF	%	Area A =	Treatment SF	%	Area A =	0	0%	EA = 0.44
Area B =	48868.948	68%	Area B =	11499	16%	Area B =	0	0%	EB = 0.67
Area C =	21559.83	30%	Area C =	7187	10%	Area C =	0	0%	EC = 0.99
Area D =	1437.322	2%	Area D =	53181	74%	Area D =	0	0%	ED = 1.97
Total Area =	71866.1	100%	Total Area =	71866.1	100%	Total Area =	0	0%	

On-Site Weighted Excess Precipitation (100-Year, 6-Hour Storm)

Weighted E =  $\frac{E_A A_A + E_B A_B + E_C A_C + E_D A_D}{A_A + A_B + A_C + A_D}$

Allowable E =	0.79 in.	Developed E =	1.66 in.
---------------	----------	---------------	----------

On-Site Volume of Runoff:  $V_{360} = E^* A / 12$

Allowable $V_{360}$ =	4743 CF	Developed $V_{360}$ =	9965 CF
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On-Site Peak Discharge Rate:  $Q_p = Q_{pA} A_A + Q_{pB} A_B + Q_{pC} A_C + Q_{pD} A_D / 43,560$

For Precipitation Zone 1

Allowable $Q_p$ =	3.8 CFS	Developed $Q_p$ =	6.3 CFS
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### PROJECT DATA

**PROPERTY:** THE SITE IS A PORTION OF AN UNDEVELOPED COMMERCIAL PROPERTY WITHIN C.O.A. VICINITY MAP H-9/10. THE SITE IS BOUND TO THE WEST BY UNSER BLVD., TO THE EAST BY DEVELOPED MULTI-FAMILY, TO THE NORTH BY AMAFCA REGIONAL PONDS AND TO THE SOUTH BY LADERA BLVD.

**SITE AREA:** TOTAL SITE = 3.2 ACRES. PORTION TO BE DEVELOPED = 1.7± ACRES.

**PROPOSED IMPROVEMENTS:** THE PROPOSED IMPROVEMENTS INCLUDE A MULTI-STORY SELF STORAGE FACILITY WITH ASSOCIATED PAVED PARKING, PEDESTRIAN WALKS, DRAINAGE IMPROVEMENTS AND LANDSCAPING.

**LEGAL:** TRACT 5-A-1C EL RANCHO ATRISCO PHASE III CITY OF ALBUQUERQUE BERNALILLO COUNTY, NEW MEXICO

**BENCHMARK:** VERTICAL DATUM IS BASED UPON THE ALBUQUERQUE CONTROL SURVEY BENCHMARK "3-H10", ELEVATION = 5196.15 (NAVD 1988)

**OFF-SITE:** A SMALL STRIP OF OPEN SPACE ALONG THE NORTH PROPERTY LINE WILL CONTINUE TO DRAIN INTO THIS PROPERTY. THIS FLOW WILL BE DIRECTED TO A SHALLOW SEDIMENT POND AT THE NORTHEAST CORNER OF THE PROPERTY. A STORM DRAIN INLET WILL BE CONSTRUCTED 1' ABOVE POND BOTTOM TO ACCEPT FLOW IN EXCESS OF POND CAPACITY.

**FLOOD HAZARD:** THE SUBJECT PROPERTY (AS SHOWN HEREON) APPEARS TO LIE WITHIN ZONE "X" (AREAS DETERMINED TO BE OUTSIDE 0.2% ANNUAL CHANCE FLOODPLAIN) IN ACCORDANCE WITH THE NATIONAL FLOOD INSURANCE PROGRAM RATE MAP NO. 35001C0326 J, EFFECTIVE DATE 11-04-2016.

### LEGEND

- EXISTING SPOT ELEVATION
- EXISTING CONTOUR
- PROPOSED CONTOUR (1' INCREMENT)
- PROPOSED SPOT ELEVATION
- FLOW ARROW
- FINISH FLOOR ELEVATION
- GRADE BREAK
- PROPOSED FIRST FLUSH RETENTION PONDING AREA
- PERCOLATION TRENCH
- LIMITS OF EROSION CONTROL

### PROJECT DATA

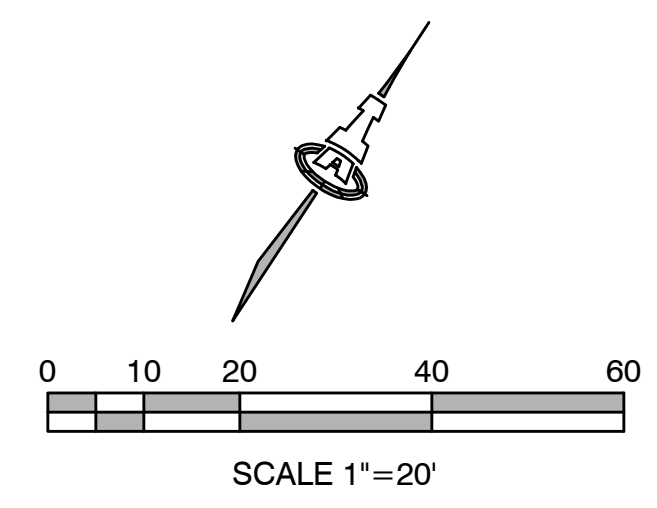
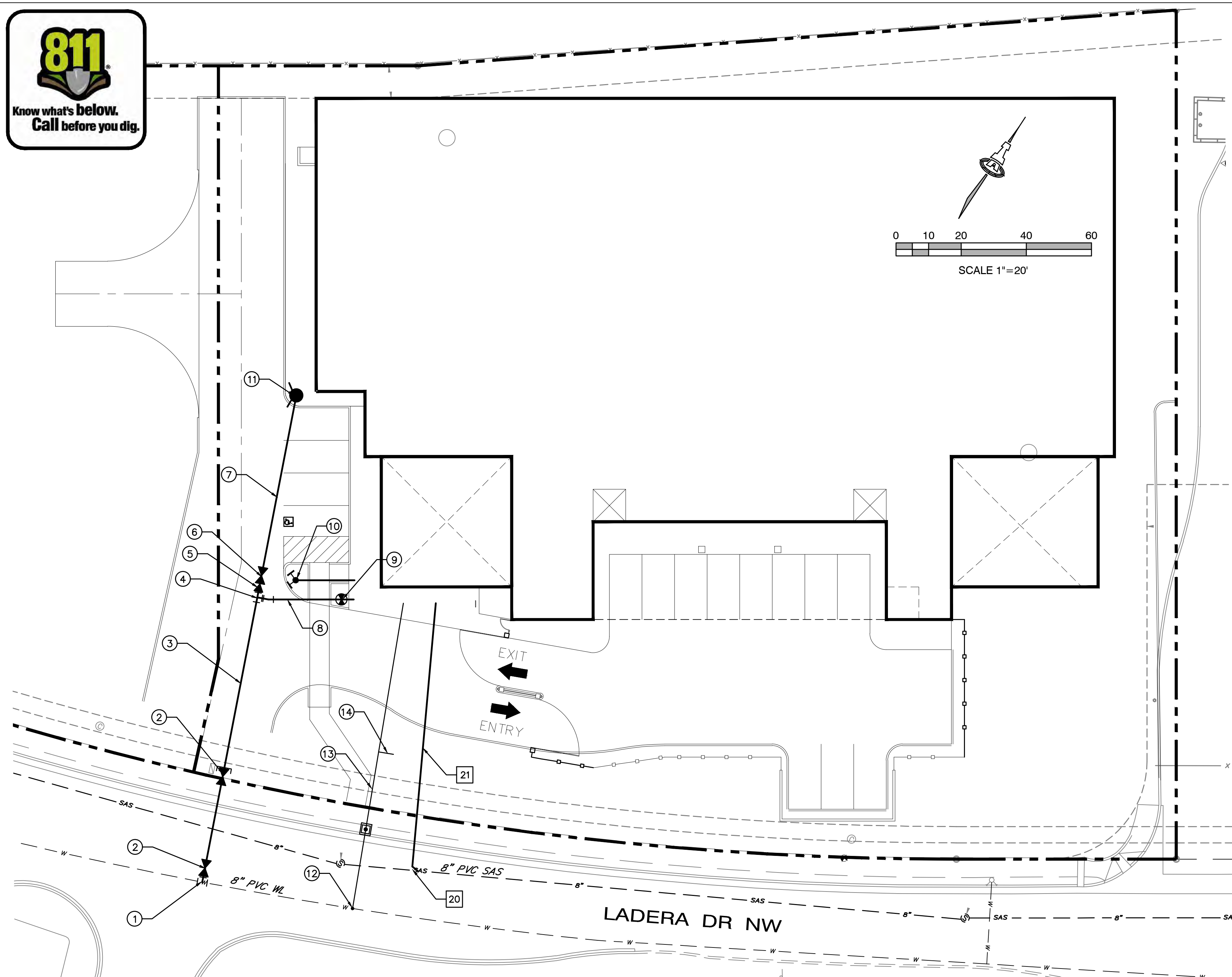
**FIRST FLUSH:** STORMWATER CONTROL MEASURES ARE REQUIRED TO PROVIDE MANAGEMENT OF 'FIRST FLUSH' DEFINED AS THE 90TH PERCENTILE STORM EVENT OR 0.34" [0.44" LESS 0.1" FOR INITIAL ABSTRACTION] OF STORMWATER WHICH DISCHARGES DIRECTLY TO A PUBLIC STORM DRAINAGE SYSTEM.

**FIRST FLUSH RETENTION PONDS:** WILL BE CONSTRUCTED WITHIN THE LANDSCAPE AREAS AS DESIGNATED BY DOT HATCH. STORM WATER FROM THE IMPERVIOUS AREAS SHALL BE DIRECTED TO THESE PONDS. STORMWATER WILL THEN DISCHARGE TO LADERA BLVD. TO FOLLOW THE HISTORIC FLOWPATHS.

**ENGINEER:** FRED C. ARFMAN, NMPE 7322 ISAACSON & ARFMAN, PA 128 MONROE NE, 87111 TELEPHONE: (505) 268-8828

**SURVEYOR:** RUSS P. HUGG, NMPS NO. 9750 SURV-TEK, INC. 9384 VALLEY VIEW DR. NW, 87114 TELEPHONE: (505) 897-3366





**GENERAL NOTES**

- EXISTING UTILITY LINES ARE SHOWN IN AN APPROXIMATE MANNER ONLY AND MAY BE INCOMPLETE OR OBSOLETE. SUCH LINES MAY OR MAY NOT EXIST WHERE SHOWN OR NOT SHOWN. ALL UTILITIES SHOULD BE FIELD VERIFIED AND LOCATED BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION. 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.
- CONTRACTOR SHALL NOT USE VIBRATORY COMPACTION EQUIPMENT OR HEAVY VEHICLES OVER EXISTING UTILITIES.
- SITE STORM DRAIN, ELECTRIC LINES & TRANSFORMERS AND GAS LINES ARE SHOWN FOR GENERAL INFORMATION ONLY TO PROVIDE AN OVERVIEW OF SITE UTILITIES AND POTENTIAL CONFLICTS. SEE MECHANICAL PLANS FOR GAS LINE SIZING. SEE CG-101 FOR STORM DRAIN DESIGN.
- ALL WATER FITTINGS SHALL HAVE JOINT RESTRAINTS (LT). SEE RESTRAINED JOINT CRITERIA THIS SHEET. (LT) LENGTH SHOWN ON KEYED NOTES.
- ALL ABOVE GROUND UTILITY EQUIPMENT AND FITTINGS SHALL BE PAINTED IN COLORS TO MATCH BUILDING COLORS.

**KEYED NOTES**

**WATER KEYED NOTES**

- 8"x8" TEE.
- 8" GATE VALVE W/ BOX. PER ABCWUA STD DWG 2326 & 2329. (LT=60')
- 8" WATERLINE.
- 8"x4" TEE.
- 8"x6" REDUCER. (LT=31')
- 6" GATE VALVE W/ BOX PER ABCWUA STD DWG 2326 & 2329. (LT=46')
- 6" WATERLINE.
- 4" WATER LINE.
- POST INDICATOR VALVE (PIV). (LT=32')
- FIRE DEPARTMENT CONNECTION (FDC).
- FIRE HYDRANT PER ABCWUA STD DWG 2340.
- 1" METERED SERVICE LINE INSTALLATION PER ABCWUA STD. DWGS. 2362, 2368.
- 1" WATER SERVICE LINE.
- 3/4" IRRIGATION STUB.

**SEWER**

- CONNECT NEW SAS SERVICE LINE TO EXISTING SAS MAIN PER ABCWUA STD DWG. 2125.
- 4" SANITARY SEWER LINE, AT 2% MIN. SLOPE.

- ALL MECHANICAL JOINTS SHALL BE RESTRAINED AT THE FITTINGS PER KEYED NOTES THIS SHEET.
- THE CONTRACTOR SHALL PROVIDE A MINIMUM PIPE LENGTH OF 20 LF FROM ALL MECHANICAL JOINTS. ALL PIPE JOINTS WITHIN 20 LF OF A MECHANICAL JOINT SHALL BE RESTRAINED AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL RESTRAIN ALL PIPE JOINTS IN THE SPECIFIED DISTANCE LISTED IN THE KEYED NOTES.
- THE CONTRACTOR SHALL RESTRAIN ALL FIRE HYDRANT JOINTS FROM THE TEE ON THE MAIN TO THE FIRE HYDRANT FLANGE.

DEPTH OF BURY: 3.0 FT. MINIMUM  
 1.50 FACTOR OF SAFETY:  
 MATERIAL: PVC  
 SOIL TYPE: GM/SM - SILTY GRAVELS AND SILTY SANDS, GRAVEL-SAND-SILT MIXTURES.  
 TEST PRESSURE: 150 PSI  
 TRENCH TYPE 4: PIPE BEDDED IN SAND, GRAVEL, OR CRUSHED STONE TO DEPTH OF 1/8 PIPE DIAMETER, 4 INCH MINIMUM; BACKFILL COMPACTED TO TOP OF PIPE.

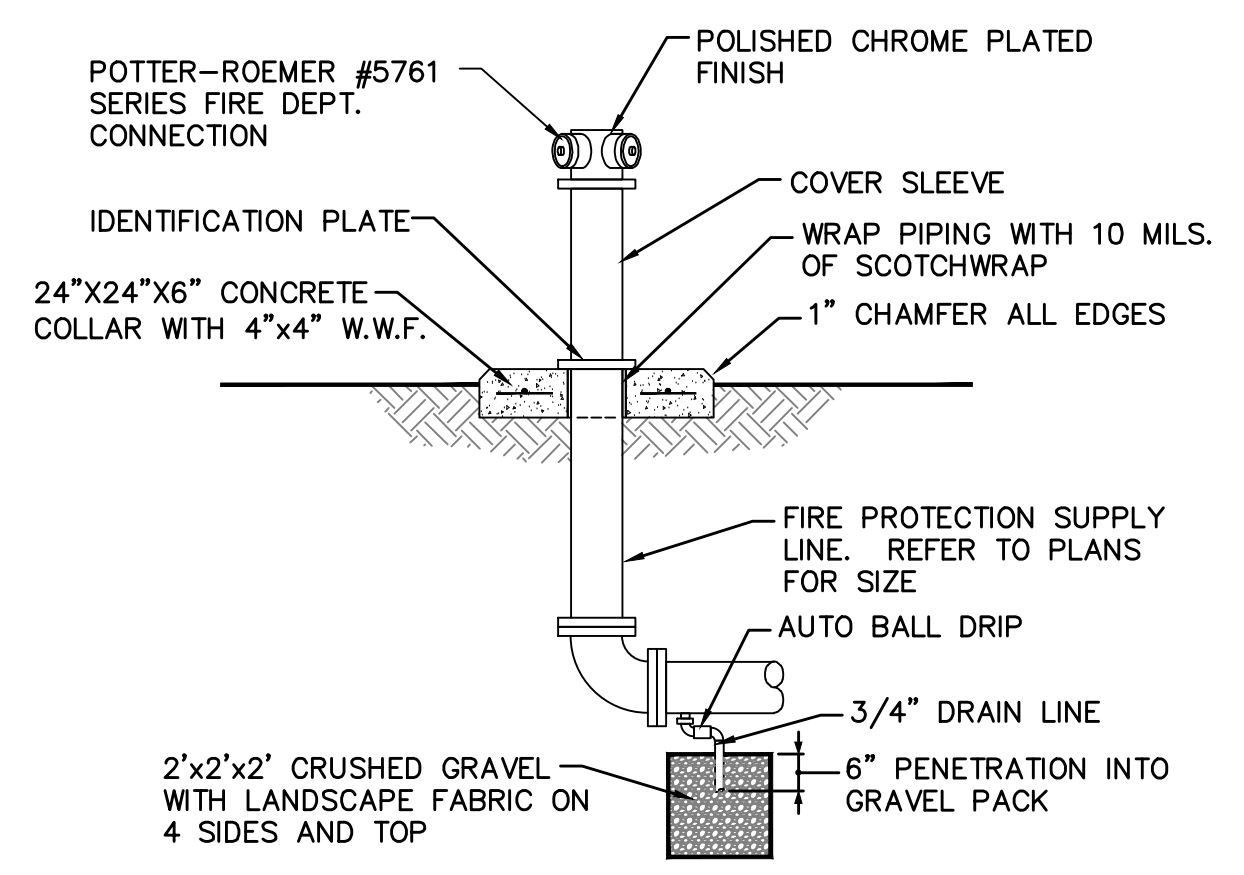
DIFFERENT CRITERIA, E.G., GREATER DEPTH OF BURY, ETC., WILL REQUIRE DIFFERENT RESTRAINED LENGTHS. THESE MUST BE CALCULATED BY A QUALIFIED PROFESSIONAL ENGINEER AND APPROVED BY ABCWUA.

**RESTRAINED JOINT CRITERIA FOR WATERLINE FITTINGS**

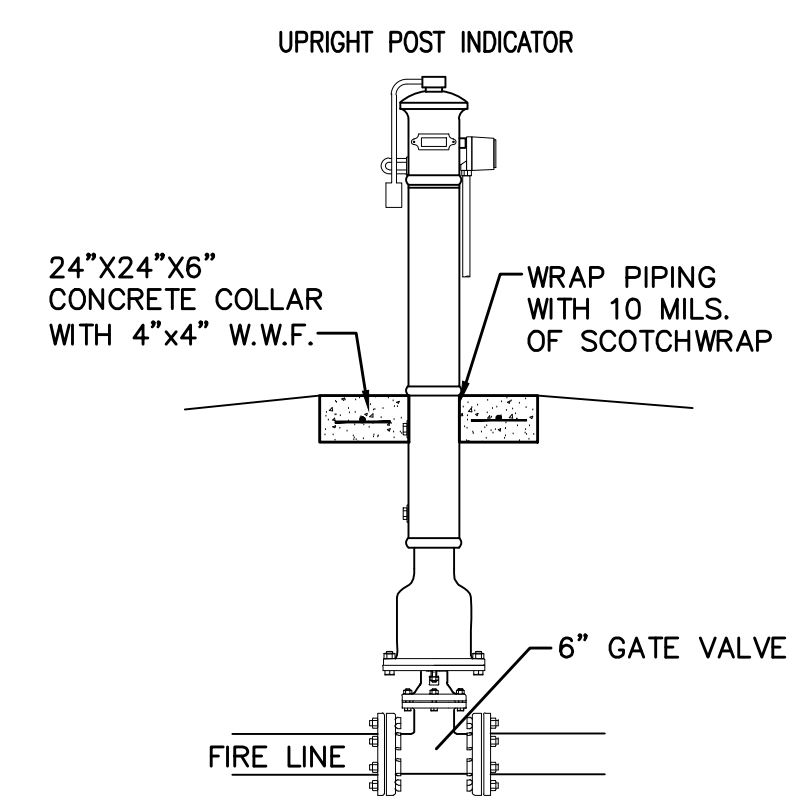
**UTILITY GENERAL NOTES**

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE INSTALLATION OF ALL WORK RELATED TO PROPOSED UTILITIES SHOWN ON THIS PLAN INCLUDING: TRENCHING, BACKFILL, SUPPORTS, CLEANOUT PADS, SERVICE STOPS AND BOXES, SERVICE LINES, TESTING, CLEANING, AND STERILIZING. ANY WORK NOT ACCEPTED BY THE ARCHITECT OR ENGINEER DUE TO IMPROPER WORKMANSHIP OR LACK OF PROPER COORDINATION SHALL BE REMOVED AND CORRECTLY INSTALLED AT THE CONTRACTOR'S EXPENSE, AS DIRECTED.
- MINIMUM COVER SHALL BE 36" FOR WATERLINES AND 48" FOR SANITARY SEWER, EXCEPT AT BUILDING CONNECTIONS.
- UTILITY LINES SHALL BE INSTALLED AFTER COMPLETION OF THE SITE ROUGH GRADING.
- UTILITY LINES SHALL BE INSTALLED PRIOR TO SURFACE IMPROVEMENTS SUCH AS PAVEMENT, SIDEWALKS, AND LANDSCAPING.
- CONTRACTOR SHALL BE RESPONSIBLE FOR CONNECTIONS TO BUILDING PLUMBING AND ALL NECESSARY FITTINGS. FITTING COSTS SHALL BE INCIDENTAL. REFER TO THE MECHANICAL AND/OR PLUMBING PLANS FOR SERVICE CONNECTIONS.
- DRY UTILITY LOCATIONS AND DESIGN ARE NOT A PART OF THIS PLAN. CONTRACTOR SHALL COORDINATE WITH THE LOCAL DRY UTILITY COMPANIES TO DETERMINE THE SIZE, DEPTH, LOCATION, FITTINGS AND REQUIRED APPURTENANCES FOR THE DRY UTILITY SERVICE LINES ON THE SITE. REFER TO MECHANICAL AND ELECTRICAL PLANS FOR SERVICE CONNECTIONS.
- TRENCHING, BORING, AND JACKING SHALL BE CONSTRUCTED IN ACCORDANCE WITH COA SPEC. SECT. 700. ALL BACKFILL SHALL BE COMPACTED TO A MINIMUM 95% DENSITY PER ASTM D-1557.
- ALL WATER VALVE BOXES, MANHOLE RINGS & COVERS, AND OTHER SURFACE ITEMS FOR THE UTILITIES SHALL BE ADJUSTED TO FINISHED GRADE.
- ALL CROSSINGS OF WATER AND SEWER LINES SHALL HAVE 12" MIN CLEARANCE. IF 12" CLEARANCE IS NOT POSSIBLE, BOTH PIPES SHALL BE ENCASED IN CONCRETE OR AS DIRECTED BY THE ENGINEER.
- VALVES, METERS, SERVICE LINES, METER AND VALVE BOXES, TAPPING SLEEVES, HYDRANTS, AND OTHER WATER APPURTENANCES SHALL BE CONSTRUCTED IN ACCORDANCE WITH COA SPEC. SECT. 800.
- WATERLINES LESS THAN 4" DIAMETER SHALL BE COPPER TYPE K MEETING ASTM B 88 REQUIREMENTS. WATERLINES 4" IN DIAMETER OR LARGER SHALL BE PVC PIPE MEETING AWWA C900 DR-18 REQUIREMENTS.
- ALL FITTINGS AND COUPLINGS FOR WATERLINES LESS THAN 4" IN DIAMETER ARE TO BE COPPER, SOLDER JOINT FITTINGS IN ACCORDANCE WITH ASME 16.18 OR ASME B16.22.
- ALL FITTINGS AND COUPLINGS FOR WATERLINES 4" IN DIAMETER OR LARGER ARE TO BE MEGA LUG MECHANICAL JOINTS OR ENGINEER APPROVED EQUIVALENT.
- JOINTS SHALL BE RESTRAINED BY MEGA LUG HARNESSSES, OR ENGINEER APPROVED EQUIVALENT. JOINT RESTRAINTS SHALL BE INSTALLED AT DISTANCES FROM THE FITTINGS AS SHOWN ON THE JOINT RESTRAINT TABLE IN THESE PLANS.
- BACKFLOW PREVENTERS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- FIRE LINES SHALL USE PIPE MATERIALS LISTED AND APPROVED FOR FIRE SERVICE BY UNDERWRITERS LABORATORIES.
- FIRE DEPARTMENT CONNECTIONS SHALL MEET UL 405, NFPA 1963, AND LOCAL FIRE DEPARTMENT REQUIREMENTS.
- ADJUST WATER AND FIRE LINES TO AVOID FOOTINGS, SEWER LINES, AND OTHER CONDUITS. INSTALL FITTINGS AS NEEDED.
- SEWER MANHOLES, CLEANOUTS, SEWER SERVICE TAPS, AND OTHER SEWER APPURTENANCES SHALL BE CONSTRUCTED IN ACCORDANCE WITH COA SPEC. SECT. 900 / APWA SPEC. SECT. 900 / LOCAL UTILITY COMPANY SPECIFICATIONS
- SEWER SERVICE LINES SHALL BE INSTALLED AT A 2% MINIMUM SLOPE, UNLESS OTHERWISE SPECIFIED ON THE PLANS. THE PIPE SHALL DRAIN AT A CONSTANT SLOPE BETWEEN FITTINGS. THE PIPE SHALL DRAIN TOWARD THE SEWER MAIN AT ALL LOCATIONS.
- ALL SANITARY SEWER LINE MATERIALS SHALL BE PVC SDR-35 PIPE.

PRIVATE FIRE LINE CONNECTIONS TO PUBLIC WATERLINE TO BE CONSTRUCTED UNDER ABCWUA WORK ORDER



**FREE-STANDING FIRE DEPARTMENT CONNECTION DETAIL**  
NTS



**POST INDICATOR VALVE**  
NTS

**LEGEND**

- SAS SINGLE CLEANOUT
- WATER METER & BOX
- WL EXISTING WATERLINE
- SAS EXISTING SEWER LINE

**ISAACSON & ARFMAN, P.A.**  
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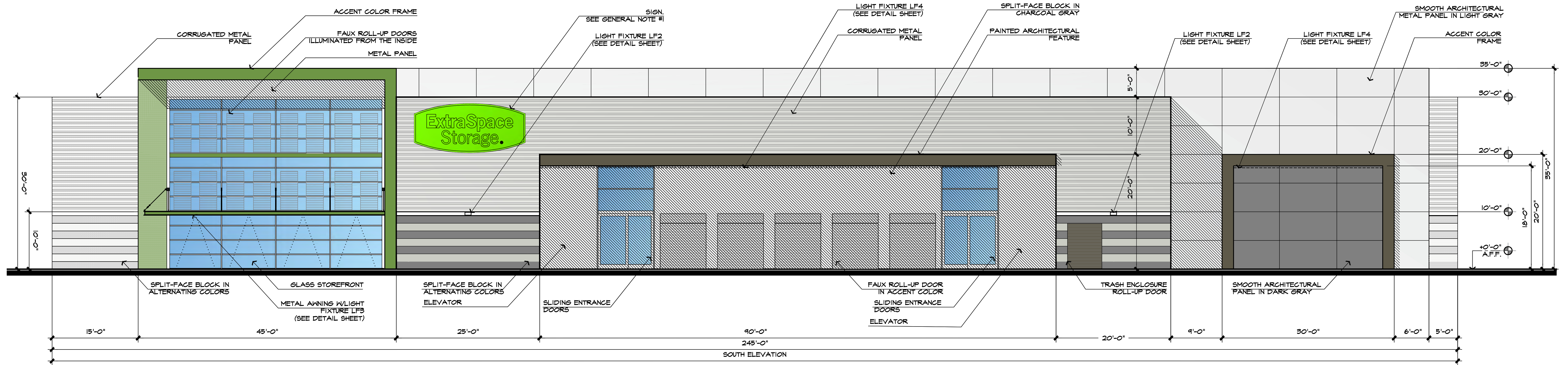
2228 CU-101.dwg Jun 27,2017

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**LADERA CROSSING SELF STORAGE**

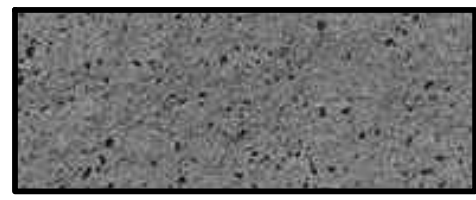

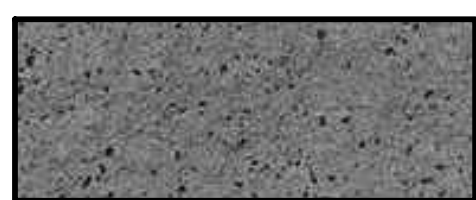
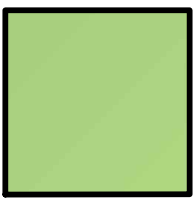
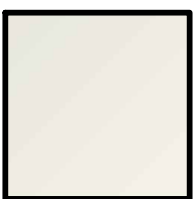
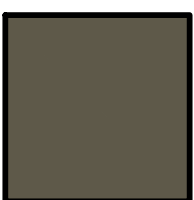


**UTILITY PLAN**

Date:	No. / Revision:	Date:	Job No.
			2228
Drawn By:			<b>FIRE 1</b>
Chk By:			SH. OF

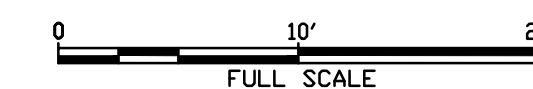


## MAIN ELEVATION - SOUTH

SCALE: 1/8"=1'-0"

GENERAL NOTES	CMU (ALTERNATING COLORS)	PAINT	ARCHITECTURAL METAL
<p>1. "SIGNAGE TO BE UNDER A SEPARATE PERMIT PER C-1 REGULATIONS AND THE UNSER BOULEVARD DESIGN OVERLAY STANDARDS WHICH LIMITS FREE-STANDING SIGNS TO ONE PER STREET FRONTAGE (LADERA DRIVE NW AND ONE ON UNSER BOULEVARD NW) AND LIMITS WALL SIGNS TO ONE PER FACADE."</p> <p>2. "LIGHTING WILL FOLLOW ALL REGULATIONS FOR ZONING CODE SECTION 14-16-3-1 AND THE DESIGN STANDARDS OF THE SITE DEVELOPMENT PLAN FOR SUBDIVISION FOR LADERA CROSSING."</p>	 <p>ORGO BLOCK, 8x8x16 SPLIT FACE COLOR: "BLACK 50", WEIGHT: MEDIUM</p>  <p>ORGO BLOCK, 8x8x16 BURNISHED COLOR: "GRAY", WEIGHT: MEDIUM</p>  <p>ORGO BLOCK, 8x4x16 BEVELED CAP PRECISION, COLOR: "BLACK 50", WEIGHT: MEDIUM</p>	 <p>PAINT: DUNN EDWARDS DE5578 "WASABI"</p>  <p>PAINT: DUNN EDWARDS DE6267 "DOVE'S WING"</p>  <p>PAINT: SHERMAN WILLIAMS SW6167 "GARDEN GATE"</p>	 <p>ARCHITECTURAL METAL PANEL: MORIN, PROFILE X-16 PANEL, MATERIAL GALVALUME, 24 GAUGE, FINISH: SMOOTH COLOR: SILVERSMITH / WASABI GREEN (PER ELEVATION)</p>  <p>METAL PANEL: MORIN, MS-24H, 24 GAUGE IN DARK AND LIGHT GRAY.</p>

# TITAN DEVELOPMENT LADERA CROSSING SELF STORAGE ALBUQUERQUE, NM



## ELEVATIONS

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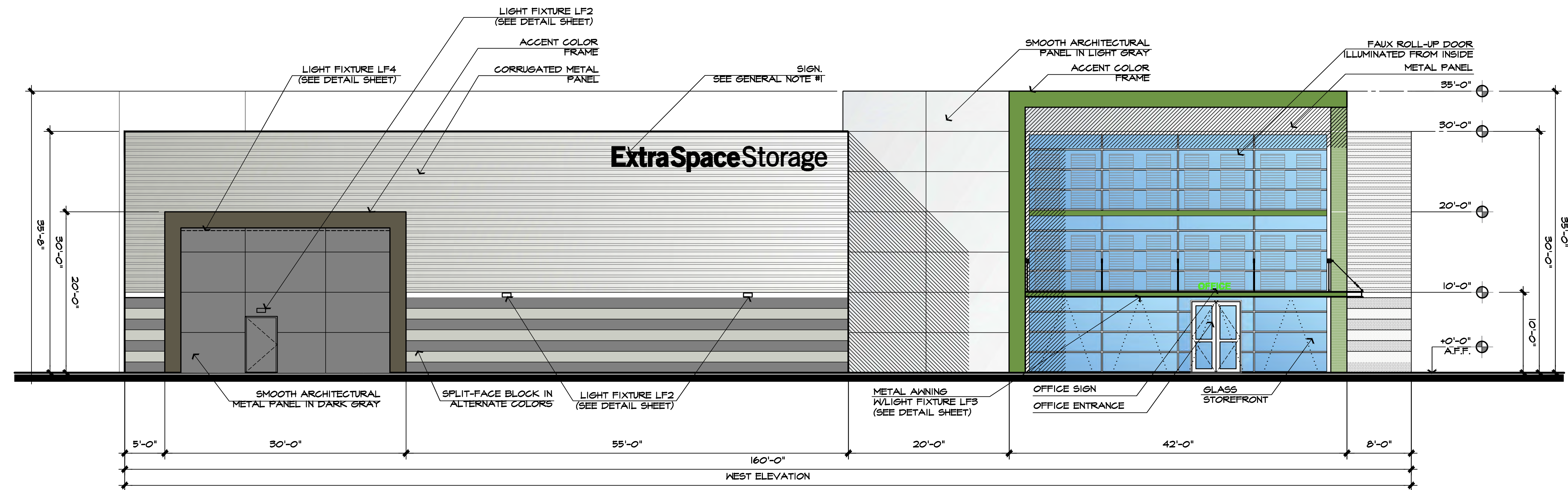
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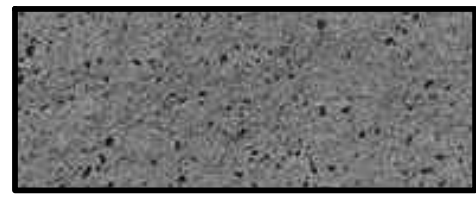

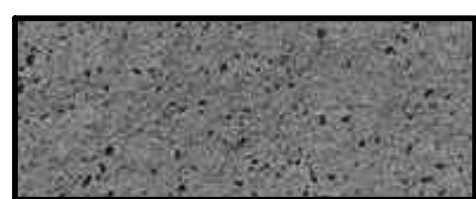





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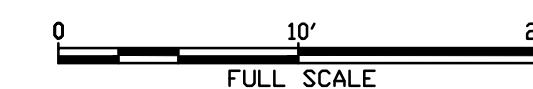
**WEST ELEVATION**  
SCALE: 1/8"=1'-0"

GENERAL NOTES	CMU (ALTERNATING COLORS)	PAINT	ARCHITECTURAL METAL
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# TITAN DEVELOPMENT

## LADERA CROSSING SELF STORAGE

### ALBUQUERQUE, NM



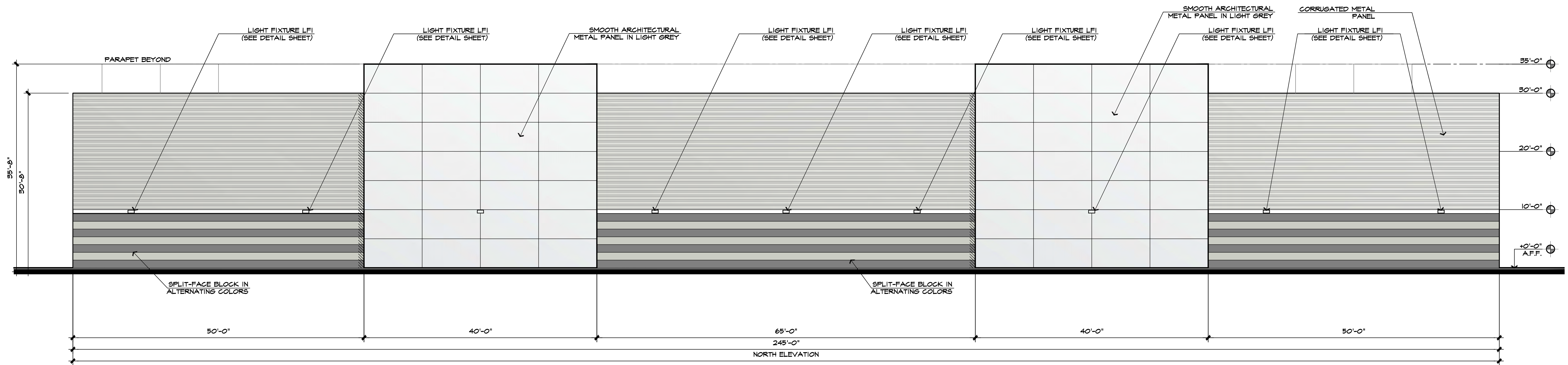
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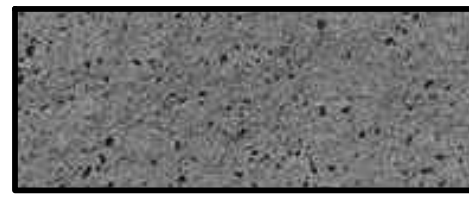

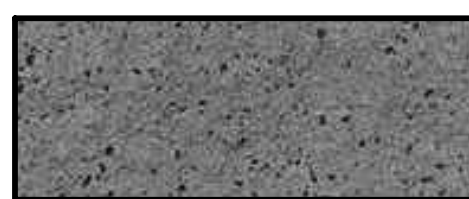
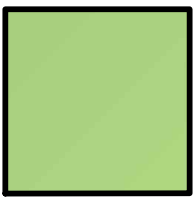




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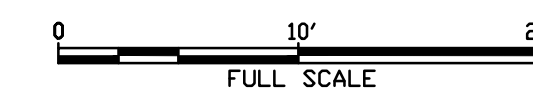


## NORTH ELEVATION

SCALE: 1/8"=1'-0"

GENERAL NOTES	CMU (ALTERNATING COLORS)	PAINT	ARCHITECTURAL METAL
<ol style="list-style-type: none"> <li>"SIGNAGE TO BE UNDER A SEPARATE PERMIT PER C-1 REGULATIONS AND THE UNSER BOULEVARD DESIGN OVERLAY STANDARDS WHICH LIMITS FREE-STANDING SIGNS TO ONE PER STREET FRONTAGE (LADERA DRIVE NW AND ONE ON UNSER BOULEVARD NW) AND LIMITS WALL SIGNS TO ONE PER FACADE."</li> <li>"LIGHTING WILL FOLLOW ALL REGULATIONS FOR ZONING CODE SECTION 14-16-3-1 AND THE DESIGN STANDARDS OF THE SITE DEVELOPMENT PLAN FOR SUBDIVISION FOR LADERA CROSSING."</li> </ol>	 <p>ORGO BLOCK, 8x8x16 SPLIT FACE COLOR: "BLACK 50", WEIGHT: MEDIUM</p>  <p>ORGO BLOCK, 8x8x16 BURNISHED COLOR: "GRAY", WEIGHT: MEDIUM</p>  <p>ORGO BLOCK, 8x4x16 BEVELED CAP PRECISION, COLOR: "BLACK 50", WEIGHT: MEDIUM</p>	 <p>PAINT: DUNN EDWARDS DE5578 "WASABI"</p>  <p>PAINT: DUNN EDWARDS DE6267 "DOVE'S WING"</p>  <p>PAINT: SHERMAN WILLIAMS SW6167 "GARDEN GATE"</p>	 <p>ARCHITECTURAL METAL PANEL: MORIN, PROFILE X-16 PANEL, MATERIAL GALVALUME, 24 GAUGE, FINISH: SMOOTH, COLOR: SILVERSMITH / WASABI GREEN (PER ELEVATION)</p>  <p>METAL PANEL: MORIN, MS-24H, 24 GAUGE IN DARK AND LIGHT GRAY.</p>

# TITAN DEVELOPMENT LADERA CROSSING SELF STORAGE ALBUQUERQUE, NM



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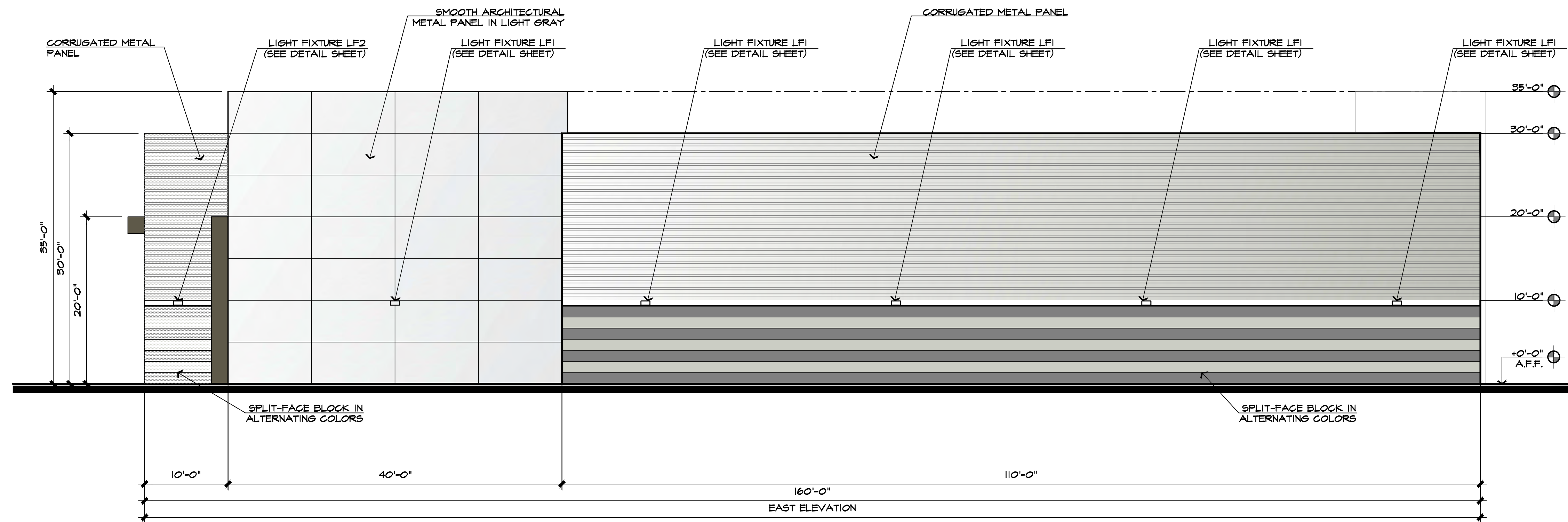
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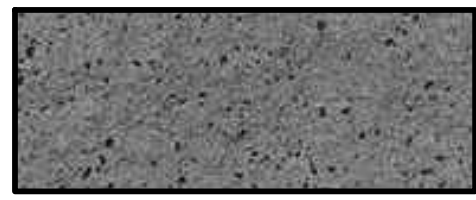

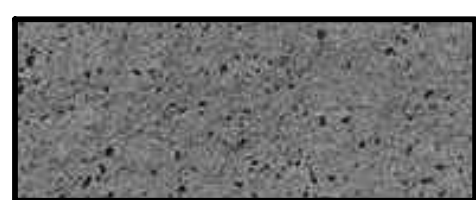

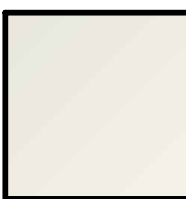



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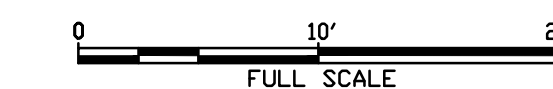


**EAST ELEVATION**

SCALE: 1/8"=1'-0"

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TITAN DEVELOPMENT  
**LADERA CROSSING SELF STORAGE**  
 ALBUQUERQUE, NM



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**TRP LED ARCHITECTURAL WALLPACK**

NEW

Job: \_\_\_\_\_ Type: \_\_\_\_\_ Approvals: \_\_\_\_\_

**SPECIFICATIONS**

**Applications:**

- Architectural wallpack in stylish Trapezoid shape with recessed contours to accentuate building architecture. Provides excellent illumination in energy-saving LED systems.
- Back box necessary available for surface conduit application.

**Construction:**

- Die-cast aluminum housing and door.
- Seven powder coat standard finishes, plus custom color options.

**LEDs:**

- 30 high power LEDs deliver up to 5,082 lumens.
- Up to 105 lumens per watt.
- Variety of LED distribution patterns - Type II, III, and IV (Forward Throw).
- 3000K - 50 CR, 4000K - 70 CR, and 5000K - 67 CR CRI (nominal).

**Operating Temperatures:**

- 40°C (-40°F) to 40°C (104°F) for 50mA.
- 30°C (-22°F) to 40°C (104°F) for 525mA.

**Electrical:**

- Two driver options: 3w at 350mA (1 driver) and 53w at 525mA (1 driver).
- 120-277VAC, 50/60Hz.

**Shipping Information**

Catalog Number	Weight (lbs)	Length (in)	Width (in)	Height (in)
TRP	16 (7.3)	18.8 (N7)	9.5 (D4)	11.5 (D3)

**CERTIFICATIONS/LISTINGS**

UL, ENEC, IES, DLC, Energy Star

**ORDERING INFORMATION**

ORDERING EXAMPLE: TRP-30LK-453-2-U-DB

FAMILY	LED TYPE	CRI	DRIVE CURRENT	DISTRIBUTION	VOLTAGE	FINISH	CONTROL OPTIONS	OPTIONS
TRP	Trapezoid	30K	3000K	OSP 300mA	2 Type II	U 120V-277V	CPD Custom Color	BBU <sup>4</sup> Integral battery for 120 or 277V only rated for -20°C to 50°C (Must specify individual voltage)
		4K	4000K	OS 525mA	4 Type II	1 1/4 120V	FC Photocell (Must specify individual voltage)	
		5K	5000K	OS 525mA	4 Type IV	2' 208V	MS Motion sensor On/Off control. No light output when no motion detected.	
					4' 277V		SCM <sup>2</sup> Programmable motion control. Factory default is 10% light output.	
							PS Platinum	
							RB Red	
							WH White	

**PHOTOMETRIC REPORTS**

**ACCESSORIES - Order separately**

SCP-REMOTE Remote control for SCP option. Order at least one per project to program and control.

BB-GE0-XX Back box with 4 - 1/2" threaded conduit holes, specify finish, eg. Dark Bronze - DB

BB-GE0-XX - Mounted to luminaire

Future gasket 4 - 1/2" conduit entries

Wall gasket

**PERFORMANCE DATA**

# OF LEDs	DRIVE CURRENT	SYSTEM WATTS	DIST. TYPE	30K (5000K nominal, 67 CRI)			4K (4000K nominal, 70 CRI)			5K (5000K nominal, 60 CRI)		
				LUMENS	LPW	B	LUMENS	LPW	B	LUMENS	LPW	B
30	350mA	3w	2	546	182	1.0	511	170	1.0	501	167	1.0
			4	863	105	1.0	811	84	1.0	843	72	1.0
	525mA	53w	2	3480	102	1.0	3283	81	1.0	3215	70	1.0
			4	6960	105	1.0	6566	84	1.0	6430	69	1.0

**ELECTRICAL DATA**

# OF LEDs	NUMBER OF DRIVERS	DRIVE CURRENT (mA)	INPUT VOLTAGE (V)	SYSTEM POWER (W)	CURRENT (A)
30	1	350mA	120	34	0.12
			208	34	0.12
			277	53	0.18

**LUMINAIRE AMBIENT TEMPERATURE FACTOR (LATF)**

AMBIENT TEMPERATURE	LUMEN MULTIPLIER
0°C (32°F)	1.02
10°C (50°F)	1.01
20°C (68°F)	1.00
25°C (77°F)	1.00
30°C (86°F)	1.00
40°C (104°F)	0.99
50°C (122°F)	0.99

**PROJECTED LUMEN MAINTENANCE**

Ambient Temp	0	25,000	50,000	100,000	L70
25°C / 77°F	1.00	0.99	0.97	0.96	0.85 >274,000
40°C / 104°F	0.99	0.98	0.95	0.93	>625,000

**PHOTOMETRIC REPORTS**

**GEOPAK SERIES SIZE 1 LED Architectural Wallpack**

NEW

Job: \_\_\_\_\_ Type: \_\_\_\_\_ Approvals: \_\_\_\_\_

**SPECIFICATIONS**

**Applications:**

- Small sized architectural wallpacks in three stylish shapes with recessed contours to accentuate building architecture. Provides excellent illumination in energy-saving LED systems.
- Back box accessory available for surface conduit application.

**Construction:**

- Housing is made from die-cast aluminum with a hinged back-plate for ease of installation and maintenance.
- The LED bezel and trim-plate are made of stainless steel.
- Five powder coat standard finishes, plus custom color options.
- Wall Location Listed to UL924 and UL1598 Standard.

**LEDs:**

- 12 high power LEDs delivering up to 3,000 lumens.
- Up to 118 lumens per watt.
- Type II, III and IV distributions for a wide variety of applications.
- Zero voltage (0V), dark sky, neighbor friendly.

**Electrical:**

- 120-277 operation, 50/60Hz.
- 0-10V dimming driver standard.
- 10A surge protector.
- Photocell and occupancy sensor options available for complete on/off and dimming control.

**Shipping Information**

Catalog Number	Weight (lbs)	Length (in)	Width (in)	Height (in)
TRP1	11.5	17.0	9.5	10.0
RD11	11.5	18.0	11.0	9.25
QSP1	10.5	17.0	9.6	10.5

**ORDERING INFORMATION**

ORDERING EXAMPLE: TRP-12L-20-4K-3-1-BL-SCP-EH

HOUSING	VERSION	WATTAGE	CCT/CRI	DISTRIBUTION	VOLTAGE	FINISH	CONTROL OPTIONS	OPTIONS
TRP1	Trapezoid	12L 12 LEDs	15 15 watts	3K7 3000K	2 Type II	U 120-277	BL Black	FC <sup>1</sup> Photocell (Must specify individual voltage)
RD11	Radius	20 20 watts	4K7 4000K	3 Type III	1 120	DB Bronze	SCP <sup>2</sup> Programmable Motion Sensor	
QSP1	Quartersphere	30 30 watts	5K7 5000K	4 Type IV	2 208	GR Gray	MS <sup>3</sup> Motion sensor On/Off control. No light output when no motion detected.	
					3 240	PS Platinum	SCM <sup>2</sup> Programmable motion control. Factory default is 10% light output.	
					4 277	WH White	PS Platinum	
						CC Custom		

**PHOTOMETRIC REPORTS**

**ACCESSORIES - Order separately**

SCP-REMOTE Remote control for SCP option. Order at least one per project to program and control.

BB-GE0-XX Back box with 4 - 1/2" threaded conduit holes, specify finish by replacing "XX" with finish selection, eg. Dark Bronze "DB"

BB-GE0-XX - Mounted to luminaire

Future gasket 4 - 1/2" conduit entries

Wall gasket

**PERFORMANCE DATA (AC Standard Configurations)**

# OF LEDs	DRIVE CURRENT	SYSTEM WATTS	DIST. TYPE	30K (5000K nominal, 67 CRI)			4K (4000K nominal, 70 CRI)			5K (5000K nominal, 60 CRI)		
				LUMENS	LPW	B	LUMENS	LPW	B	LUMENS	LPW	B
30	350mA	13.9	2	1038	118	1.1	1577	113	1.1	1442	108	1.1
			4	1817	116	1.1	1556	112	1.1	1477	106	1.1
	500mA	19.9	2	2268	114	1.1	2178	109	1.1	2077	104	1.1
			4	4536	113	1.1	4356	108	1.1	4054	103	1.1
700mA	28.2	2	3212	103	1.0	2836	101	1.0	2696	95	1.0	
		4	6424	103	1.0	5672	99	1.0	5392	95	1.0	

**Electrical Data**

Drive Current (mA)	Input Voltage (V)	System Power (W)	Current (Amps)	Ambient Temp	0	25,000	50,000	100,000	L70 (Hours)	
350mA	120	13.9	0.12	25°C/77°F	1.00	0.98	0.97	0.95	0.91	>345,000
					40°C/104°F	1.00	0.96	0.95	0.92	0.87
500mA	120	19.9	0.17	40°C/104°F	1.00	0.96	0.95	0.92	0.87	>268,000
					50°C	1.00	0.96	0.95	0.92	0.88
700mA	120	28.2	0.24	50°C	1.00	0.96	0.95	0.92	0.87	>268,000
					50°C	1.00	0.96	0.95	0.92	0.88

**PHOTOMETRIC REPORTS**

**LF1 - EXTERIOR LED WALL PACK LIGHT FIXTURE**

**LF2 - EXTERIOR LED ACCENT LIGHT FIXTURE**

TITAN DEVELOPMENT  
 LADERA CROSSING SELF STORAGE  
 ALBUQUERQUE, NM

CONSENSUS PLANNING, INC.  
 Planning / Landscape Architecture  
 302 Eighth Street NW  
 Albuquerque, NM 87102  
 (505) 764-9801 Fax 842-5495  
 e-mail: cp@consensusplanning.com

jordan  
 ARCHITECTS, INC.  
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**JOB NUMBER: 17-424**  
**SCALE: N.T.S.**  
**DATE: 09/25/2017**

### HALO

Catalog #	Type	Color
Project		Color
Comments		
Prepared by		

**DESCRIPTION**  
The Halo Surface LED Downlight (SLD) incorporates WaveStream™ technology to create an ultra-profile, low-profile mounting luminaire with the performance and look of a traditional downlight. SLDs 1200 UVV series is designed for installation in the residential and commercial junction boxes. Accessory mounting kit allows retrofit in 5" and 6" IC and Non-IC recessed housings for residential and commercial installations. Ideal for closets, storage areas, attics and basements. Compliant with NFPA 70, NEC Section 410.10(A)(3) and 410.16(C)(6).

**SPECIFICATION FEATURES**  
**CONSTRUCTION**  
• Die cast aluminum trim ring, and formed aluminum frame  
**OPTICS**  
• WaveStream™ technology provides uniform luminance from a low profile flat lens  
• Acculux™ optics provide directional control for the "cone of light" beam distribution of a traditional downlight.  
• Precision molded lens features high transmission polymer with UV stabilized protecting film

**DESIGNER TRIMS**  
Accessories (sold separately)  
SLD designer trims are necessary for mounting in 5" and 6" recessed housings. Refer to SLD accessories specification sheet for details.  
• White (Paintable)  
• Satin Nickel  
• Tuscan Bronze  
\*SLD accessory trims attach with permanent adhesion and are not interchangeable after installation.

**ELECTRICAL JUNCTION BOX MOUNTING**  
• SLD may be used in compatible electrical junction boxes in direct contact with insulation including spray foam insulation.  
• Suitable for installation in many 4" x 2-1/8" deep square electrical junction boxes.  
• Driver consumes 3 cubic inches of junction box.  
• Compatible with other junction boxes with accessory SLD/EXT extension spacer ring.  
• Surface mounting in a fire-rated ceiling using an appropriate electrical box offers a cost-effective alternative to fire-rated recessed housings.  
**Note:** Fire rating is per the rating of the ceiling and applicable

**CONSTRUCTION**  
• Junction box, not the SLD, installer must ensure compatibility of IC, wiring and proper mounting in the electrical junction box. This includes all applicable national and local electrical and building codes.  
• Proprietary Slot-N-Lock quick installation system for junction box installation  
• Tracked with Slot-N-Lock mounting tabs included  
**OPTIONAL - RECESSED HOUSING MOUNTING**  
• Accessory SLD/ACCKIT required for mounting in 5" and 6" enclosed recessed housings  
• May be installed in IC recessed housings in direct contact with insulation  
• **Note:** Not for use in recessed housings in direct contact with spray foam insulation. Refer to NEMA L5D 57-2013  
• The SLD may be used with any 5 or 6 inch diameter recessed housing constructed of steel or aluminum with an internal volume that exceeds 1033 in<sup>3</sup>.

**LED CHROMATICITY**  
• A light chromaticity specification ensures LED color uniformity, sustainable Color Rendering Index (CRI) and Correlated Color Temperature (CCT) over the useful life of the LED.  
• LED chromaticity of 3 EDCM exceeds ENERGY STAR® color standards per ANSI.  
• 90 CRI model features high color performance with Ra greater than 90  
• Every Halo LED is quality tested, measured, and serialized in a permanent record to register lumens, wattage, CRI and CCT.  
• Halo LED serialized testing and measurement ensures color and lumen consistency on a per-unit basis, and validates long-term product consistency over time

**ELECTRICAL CONNECTIONS**  
**Junction Box**  
• Compatible with 4" x 2-1/8" deep square boxes  
• Supply Wire Adapter with LED quick connector included  
• LED connector is a non-screwable luminaire disconnect for tool-less installation  
**Optional - Recessed Housing**  
• Accessory SLD/ACCKIT required.  
• LED connector is compatible with Halo 5" H550 Series and 6" H750, H2750 Series LED Housings  
• LED Connector meets California Title-24 High-efficiency luminaire standard as a non-screw base

**Electrical Junction Box Data**

Series	CR	CCT	Lumens	Power (Watt)	Temp. (°C)
SLD6128xWHUNVJB	80	2700	1100	14.8	74
SLD6128xWHUNVJB	80	3000	1150	14.8	78
SLD6128xWHUNVJB	80	3500	1200	14.8	81
SLD6128xWHUNVJB	80	4000	1215	14.8	82
SLD6128xWHUNVJB	92	2700	880	14.8	59
SLD6128xWHUNVJB	92	3000	925	14.8	63
SLD6128xWHUNVJB	92	3500	965	14.8	65
SLD6128xWHUNVJB	92	4000	1000	14.8	68

**High Lumen 1200 Series Universal Voltage 120V-277V**  
**8" Surface LED Downlight**  
**High Lumen 1200 Series Universal Voltage 120V-277V**  
**Suitable for ceiling or wall electrical junction boxes**

**SLD6128xWHUNVJB**  
**SLD6128xWHUNVJB**

**LED DRIVER**  
• Driver is a 100V-277V universal voltage input, high efficiency, dimmable electronic power supply providing 92 power to the LED arrays  
• Driver features high power factor, low THD, and has integral thermal protection in the event of over temperature or internal failure  
• Driver is replaceable if it should be required  
• If dimming is not required the fixture may be operated from a switch

**DIMMING - PHASE CONTROL**  
• Designed for continuous dimming capability to nominally 9% with many 120V Leading Edge (LE) and Trailing Edge (TE) Phase Control dimmers. (Dimmers with low inrush current are recommended)  
• With accessory SLD/ACCKIT, may be installed in IC recessed housings in direct contact with insulation (See application notes for details)  
• Dimming - 0-10V  
• Dimmable to 10% in typical operation with compatible 0-10V DC low voltage dimmers.

• 0-10V DC dimmers operate using two low voltage dimming wires (color coded violet and gray). The low voltage dimming wires are separate from the 120V AC or 277V AC power  
• Switching control is controlled via the line voltage 120V AC or 277V AC power, and dimming is controlled via the 2-wire 0-10V DC low voltage wiring.  
**COMPLIANCE**  
• eULus Listed ceiling and wall  
• eULus Damp Location listed ceiling and wall  
• eULus Wet Location listed, ceiling only (at lower rate)  
• Suitable for use in closets, compliant with NFPA 70, NEC Section 410.16(A)(3) and 410.16(C)(6)  
• SLD may be used in compatible electrical junction boxes in direct contact with insulation including spray foam insulation  
• With accessory SLD/ACCKIT, may be installed in IC recessed housings in direct contact with insulation (See application notes for details)  
• Lumen maintenance projections in accordance with IES LM-80 and TM-21

• ENERGY STAR® certified luminaire - consult ENERGY STAR® Certified Product List  
• Photometric testing in accordance with IES LM-79  
• Lumen maintenance projections in accordance with IES LM-80 and TM-21

**SLD6 1200 UVV Series Universal Voltage SLD6128xWHUNVJB**  
**2700K, 3000K, 3500K, and 4000K**  
**SLD6128xWHUNVJB**  
**80CRI**  
**2700K, 3000K, 3500K, and 4000K**  
**6" Surface LED Downlight**  
**High Lumen 1200 Series Universal Voltage 120V-277V**  
**Suitable for ceiling or wall electrical junction boxes**

**SLD6128xWHUNVJB**  
**SLD6128xWHUNVJB**

**COMPATIBLE WITH EATON'S CROUSE-HINDS 4" SQUARE JUNCTION BOXES**

**TP400** for non-metallic cable 4" x 4" x 2-1/8" (102mm x 102mm x 54mm)  
**TP431** for metal clad cable 4" x 4" x 2-1/8" (102mm x 102mm x 54mm)

**TP450** - for non-metallic cable  
**TP431** - for metal clad cable  
• UL Listed  
• Suitable for two-hour fire-rated ANSIUL 263 when properly installed in a fire-rated ceiling or wall  
• Refer to [www.crouse-hinds.com](#)

**COMPATIBLE WITH 4" SQUARE JUNCTION BOXES\***

4" square deep steel box 4" x 4" x 2-1/8" (102mm x 102mm x 54mm)  
SLD/EXT extension spacer ring

Compatible with other boxes when used with SLD/EXT extension spacer ring.  
Surface mounting in a fire-rated ceiling using an appropriate electrical box offers a cost-effective alternative to fire-rated recessed housings.  
**Note:** Fire rating is per the rating of the ceiling and applicable junction box, not the SLD.

**PRODUCT DATA**

Series	CR	CCT	Lumens	Power (Watt)	Temp. (°C)
SLD6128xWHUNVJB	80	2700	1100	14.8	74
SLD6128xWHUNVJB	80	3000	1150	14.8	78
SLD6128xWHUNVJB	80	3500	1200	14.8	81
SLD6128xWHUNVJB	80	4000	1215	14.8	82
SLD6128xWHUNVJB	92	2700	880	14.8	59
SLD6128xWHUNVJB	92	3000	925	14.8	63
SLD6128xWHUNVJB	92	3500	965	14.8	65
SLD6128xWHUNVJB	92	4000	1000	14.8	68

Performance values are presented as typical for the models indicated. Field results may vary.

**80 CRI**  
**90 CRI**

**EATON**  
Power System Solutions

**TD61802DEN**  
10/20/2016

**ORDERING INFORMATION**  
**SAMPLE NUMBER:** SLD6128xWHUNVJB\_SLD6128xWHUNVJB  
**Junction Box Installation:** One junction box assembly, as supplied by others, to complete installation.  
**Recessed Installation:** One recessed housing assembly to complete installation.

Model	Color Rendering Index (CRI)	Color Temperature (CCT)	Finish	Voltage	Junction Box Kit only
SLD6128xWHUNVJB	80-90 CRI	27-4000K	WH-White	120V-277V	Yes
SLD6128xWHUNVJB	80-90 CRI	27-4000K	WH-White	120V-277V	No

**DESIGNER TRIMS**  
Fit over the SLD for a designer finish  
**SLD/EXT** - 8" LED Surface Extender  
**SLD/ACCKIT** - 8" LED Surface Extender  
**SLD/EXT** - 8" LED Surface Extender  
**SLD/ACCKIT** - 8" LED Surface Extender  
\*SLD accessories attach with permanent adhesion and are not interchangeable after installation.

**WARRANTY**  
Cooper Lighting provides a five year limited warranty on the SLD LED.

**DESIGNER TRIMS**  
Fit over the SLD for a designer finish  
**SLD/EXT** - 8" LED Surface Extender  
**SLD/ACCKIT** - 8" LED Surface Extender  
**SLD/EXT** - 8" LED Surface Extender  
**SLD/ACCKIT** - 8" LED Surface Extender  
\*SLD accessories attach with permanent adhesion and are not interchangeable after installation.

**WARRANTY**  
Cooper Lighting provides a five year limited warranty on the SLD LED.

**EATON**  
Power System Solutions

**TD61802DEN**  
10/20/2016

# LF3 - EXTERIOR LED DOWN LIGHT FIXTURE

**Specification Sheet**

**Client** \_\_\_\_\_ **Project name** \_\_\_\_\_

**Order#** \_\_\_\_\_ **Type** \_\_\_\_\_ **Qty** \_\_\_\_\_

**FEATURES AND BENEFITS**  
**Physical:**  
• Low copper content extruded aluminum housing  
• Available in 1", 2", 3" or 4" sections  
• Electrostatically applied polyester powder coat finish  
• Machined aluminum end caps and silicone gaskets  
• Stainless steel hardware  
• Standard straight leader cable output, bottom feed  
• Clear tempered glass lens  
• Asymmetric wallwash, 8" x 8", 10" x 10", 10" x 30", 10" x 60", 10" x 90", 15" x 25", 30" x 30", 30" x 60", 35" x 35", 30" x 80", 60" x 60", 80" x 80", or 90" x 90" optics  
• IK05  
• IK07 rated (symmetric wallwash lens is IK06 rated)  
• Meets IEC 60529 (IP 33) vibration standard for bridge applications  
• Corrosion-resistant coating for hostile environments

**Performance:**  
• 2200K, 2700K, 3000K, 3500K, 4000K, Red, Green, Blue static colors available  
• CRI value: 80+  
• Minimum 16 (10.7 lux) @ 1.40m (43m distance) (H0 4000K, 4" unit, 10" x 60" optic)  
• Lumen maintenance: 120,000 hrs (L70 @ 25°C)  
• Lumen measurements comply with LM-79 - 08 standard  
• Resolution per foot or per fixture (configured with LumenID V3 software & DMX/RDM)  
• Operating temperatures: 25° C to 50° C (-13F to 122F)

**Electrical:**  
• Line voltage luminaire for 100 to 277V  
• Power & Data in 1 cable (P1/S), standard 10W/2m black cable, other lengths available  
• SW/FB version meets ASHRAE standards for linear lighting on building facade  
• 8.5W/FB Regular Output version  
• 15.2W/FB High Output version  
• Dimming options: LumenTalk, 0-10 volt, DALI, Lutron® EcoSystem® or DMX/RDM enabled

**PHOTOMETRIC SUMMARY**

Optic	Beam Angle	Beam Diameter (ft)	Beam Diameter (m)	Footcandle (ft)	Footcandle (m)	lux (m)
WW	180°	1.5	0.46	1,875	173	200
8"	100°	1.0	0.30	2,700	250	288
10"	100°	1.3	0.40	2,045	188	216
15"	100°	1.7	0.53	1,554	143	162
20"	100°	2.3	0.70	1,111	102	116
30"	100°	3.3	1.00	667	61	70
40"	100°	4.7	1.40	444	41	47
60"	100°	7.0	2.13	296	27	31
90"	100°	10.5	3.18	156	14	16

**PHOTOMETRIC PERFORMANCE**  
\*Measured at 2m distance. Beam diameter is 2m. Beam diameter is 2m.  
\*Excluded: Conical Luminaire available for the same IC and LED lens.

**Specification Sheet**

**ASYMMETRIC WALLWASH OPTIC INSTALLATION DETAIL**

**Wall side**

**WW**  
Asymmetric Wallwash Optic

**Always position finished side toward the wall**

**TOP VIEW**  
**FRONT VIEW**  
**RIGHT SIDE VIEW**  
(Show mounting hardware)

**Recommended setback from wall is 1/10 of the wall height.**  
**(Example: 20' (6.1m) setback for a 20' (6.1m) wall.)**

**Specification Sheet**

**MOUNTING OPTIONS**

**Surface Mount**  
**Fixed Mounting**  
**UMF**  
ADD A MIN. OF 2" CLEARANCE TO THE BEZEL AND CABLE BEND RADIUS.

**Wall Mount**  
**Universal Adjustable Mounting**  
**UMAS**  
**Adjustable Wall Mounting 2"**  
**WAM2**

**Adjustable Extended Arm Mounting 6"**  
**WAM6**  
**Adjustable Extended Arm Mounting 12"**  
**WAM12**  
**Adjustable Extended Arm Mounting 18"**  
**WAM18**

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1731 Richardson, Suite 1055 8.514.937.2099  
Houston, Texas 77056  
www.lumenpulse.com

5-year limited warranty.  
Lumenpulse warrants the light fixture against the product or its use without prior notice and such warranty shall be effective immediately.

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1731 Richardson, Suite 1055 8.514.937.2099  
Houston, Texas 77056  
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Houston, Texas 77056  
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5-year limited warranty.  
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# TITAN DEVELOPMENT LADERA CROSS SELF STORAGE ALBUQUERQUE, NM

# DETAILS

**CONSENSUS PLANNING, INC.**  
Planning / Landscape Architecture  
302 Eighth Street NW  
Albuquerque, NM 87102  
(505) 764-9801 Fax 842-5495  
e-mail: cp@consensusplanning.com

**jordan**  
ARCHITECTS, INC.  
131 CALLE IGLESIA, SUITE 100  
SAN CLEMENTE,  
CA 92672-7541  
Telephone 949-388-8090  
Facsimile 949-388-8290  
**7 OF 9**

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**JOB NUMBER:** 17-424  
**SCALE:** N.T.S.  
**DATE:** 09/25/2017

RACEWAY MOUNT CHANNEL LETTERS 120V CIRCUITS ARE REQUIRED FOR ALL SIGNS

**Sign 4**

Address: Corrales, Corrales Rd & Hwy 528  
City: Rio Rancho, State: NM  
Account Representative: K.CREP

120V CIRCUITS ARE REQUIRED FOR ALL SIGNS

Letter	Height	Width	Area	AMPS	Number of Power Supplies
A	3'-0"	31'-11 1/4"	96	2.52	4

Client: ExtraSpace Storage  
Designer: J. STRANGE  
Design #: 15181565  
Original Date: 09/25/17  
Revision Date:

11:11

**SPECIFICATION**

- NON-CORROSIVE INSTALLATION HARDWARE: GALVANIZED
- 5" FABRICATED ALUMINUM LETTER RETURNS SEE MFG. NOTE FOR GAUGE. GLOSS BLACK PAINT INTERIOR WITH LIGHT ENHANCING PAINT
- TRIM CAP RETAINER METALLIC SILVER
- FLAT ALUMINUM BACK
- 1/2" THICK METAL FLAT BAR FOR A SECURE INSTALLATION
- VIKKO APPROVED LED DIODE MODULE WHITE
- 3/16" #328 ACRYLIC FACE WHITE WITH 1ST SURFACE TRANSLUCENT & PERFORATED VINYL AS SHOWN
- LOW VOLTAGE ELECTRONIC POWER SUPPLY MOUNTED IN A 7 1/2" X 7 1/2" EXTRUDED .050 ALUM. RACEWAY SUPPORT/WIRING BOX PAINTED TO MATCH BUILDING
- VISIBLE CUT-OFF SWITCH WITH FLIP-UP COVER
- 1/2" WEEP HOLES (2) TWO PER LETTER
- GROUNDING WALL PASS-THRU SEALED WATER TIGHT WHIP ON LEFT SIDE.

**SECTION DETAIL**

**MOUNTING DETAILS**

**COLOR SCHEDULE**

GREEN	#3200-106 BRILLIANT
GREY	METALLIC SILVER TRIMCAP
BLACK	PMS BLACK #2500-022
WHITE	WHITE

**MANUFACTURING NOTES**

Channel letter sets smaller than 48" will be constructed using .063 aluminum returns & .063 aluminum backs. Channel letter sets 48"-72" will be constructed using .063 aluminum returns & .090 aluminum backs.

**BRACING DETAIL**

WHEN NEEDED SUPPORTS TO BE .063" ALUMINUM PAINTED TO MATCH HW POP-UP TO HIDE FROM SIGHT.

UL LISTED

3 SIGNS

WALL CABINET SIGN FLEX FACE 120V CIRCUITS ARE REQUIRED FOR ALL SIGNS

**Sign 2 OPTION A**

Address: Corrales, Corrales Rd & Hwy 528  
City: Rio Rancho, State: NM  
Account Representative: K.CREP

120V CIRCUITS ARE REQUIRED FOR ALL SIGNS

Letter	Height	Width	Area	AMPS	Number of Power Supplies
A	13'-6"	6'-13 3/8"	82.5	2.94	3

Client: ExtraSpace Storage  
Designer: J. STRANGE  
Design #: 15181565  
Original Date: 09/25/17  
Revision Date:

**CABINET DIMENSIONS**

**SPECIFICATIONS**

- 80" ALUMINUM CABINET PAINTED: 1" DEEP PAINTED SW 7067 CITY SCAPE
- FABRICATED ALUMINUM RETAINER PAINTED TO MATCH CABINET
- NON-CORROSIVE INSTALLATION HARDWARE. ALL WALL CABINETS TO HAVE EXTERNAL WELDED ON ANGLE MOUNTING CLIPS SPLIT PAINTED TO MATCH CABINET & WALL TO CAMOUFLAGE
- WHITE FLEX FACE WITH APPLIED VINYL GRAPHICS (SEE SCHEDULE)
- VIKKO APPROVED LED LIGHTING SYSTEM
- STRUCTURE SUPPORT BRACKET W/WIREWAY
- GROUNDING WALL PASS-THRU SEALED WATER TIGHT WHIP ON LEFT SIDE; ELECTRONIC POWER SUPPLY
- EXTERIOR ON/OFF SWITCH WITH FLIP COVER
- 120V PRIMARY ELECTRICAL PROVIDED AT INSTALL FINAL HOOD-UP BY OTHERS

**SECTION DETAIL**

**COLOR SCHEDULE**

GREEN	#3200-106 BRILLIANT
GREY	SW 7067 CITY SCAPE
WHITE	WHITE
BLACK	PMS BLACK #2500-022

UL LISTED

3 SIGNS

6:11

## WALL MOUNTED SIGN DETAILS

MONUMENT SIGN 120V CIRCUITS ARE REQUIRED FOR ALL SIGNS

SCOPE OF WORK:

- Manufacture and install (1) 4'-0 7/8" x 9' double face monument sign
- Manufacture and install (1) 4'-0 7/8" x 9' double face monument sign

**Sign 1**

Address: Coltrane, 1401 N. Coltrane, Edmond, OK 73034  
Account Representative: R. COX

120V CIRCUITS ARE REQUIRED FOR ALL SIGNS

Letter	Height	Width	Area	AMPS	Number of Power Supplies
A	9'-0"	4'-7 1/8"	37	1.96	2

Client: ExtraSpace Storage  
Designer: J. STRANGE  
Design #: 15181565  
Original Date: 03/28/17  
Revision Date: 05/25/17

**MONUMENT DIMENSIONS**

**SPECIFICATIONS**

- 80" ALUMINUM CABINET PAINTED SW 7067 CITY SCAPE
- ALUMINUM RETAINER SYSTEM PAINTED TO MATCH CABINET
- SHOOPING CAPS AND RISERS TO MATCH CABINET
- POLE COVER PAINTED SW 7067 CITY SCAPE
- WHITE LEAN FACE WITH APPLIED VINYL GRAPHICS (SEE SCHEDULE)
- VIKKO APPROVED LED LIGHTING SYSTEM
- STRUCTURE SUPPORT BRACKET W/WIREWAY
- ELECTRONIC POWER SUPPLY

**SECTION DETAIL**

**COLOR SCHEDULE**

GREEN	#3200-106 BRILLIANT
GREY	SW 7067 CITY SCAPE
WHITE	WHITE
BLACK	PMS BLACK #2500-022

**CABINET DEPTH**

PIPE SIZE	6"
CABINET	20"
POLE COVER	12"

UL LISTED

3 SIGNS

3:6

## MONUMENT SIGN DETAILS

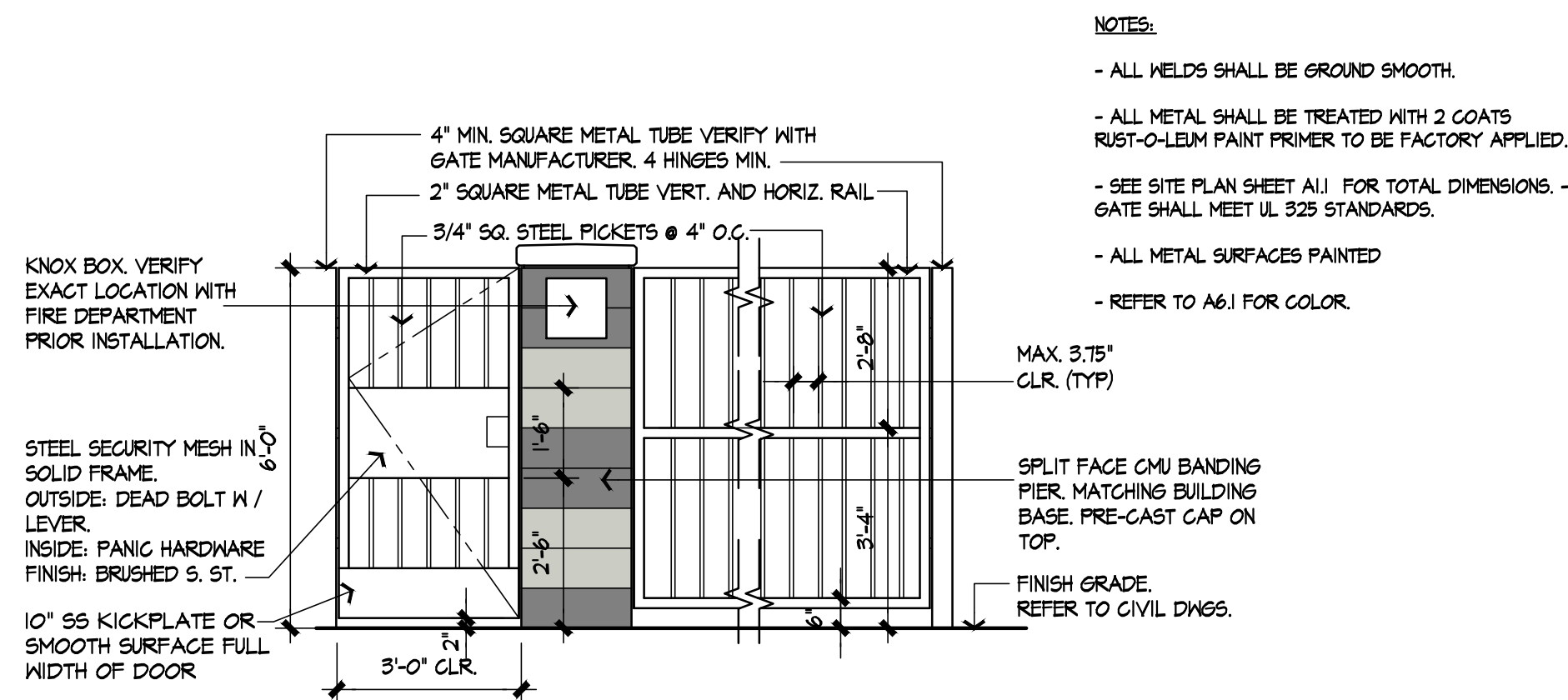
TITAN DEVELOPMENT  
LADERA CROSSING SELF STORAGE  
ALBUQUERQUE, NM

# DETAILS

JOB NUMBER: 17-424  
SCALE: N.T.S.  
DATE: 09/25/2017

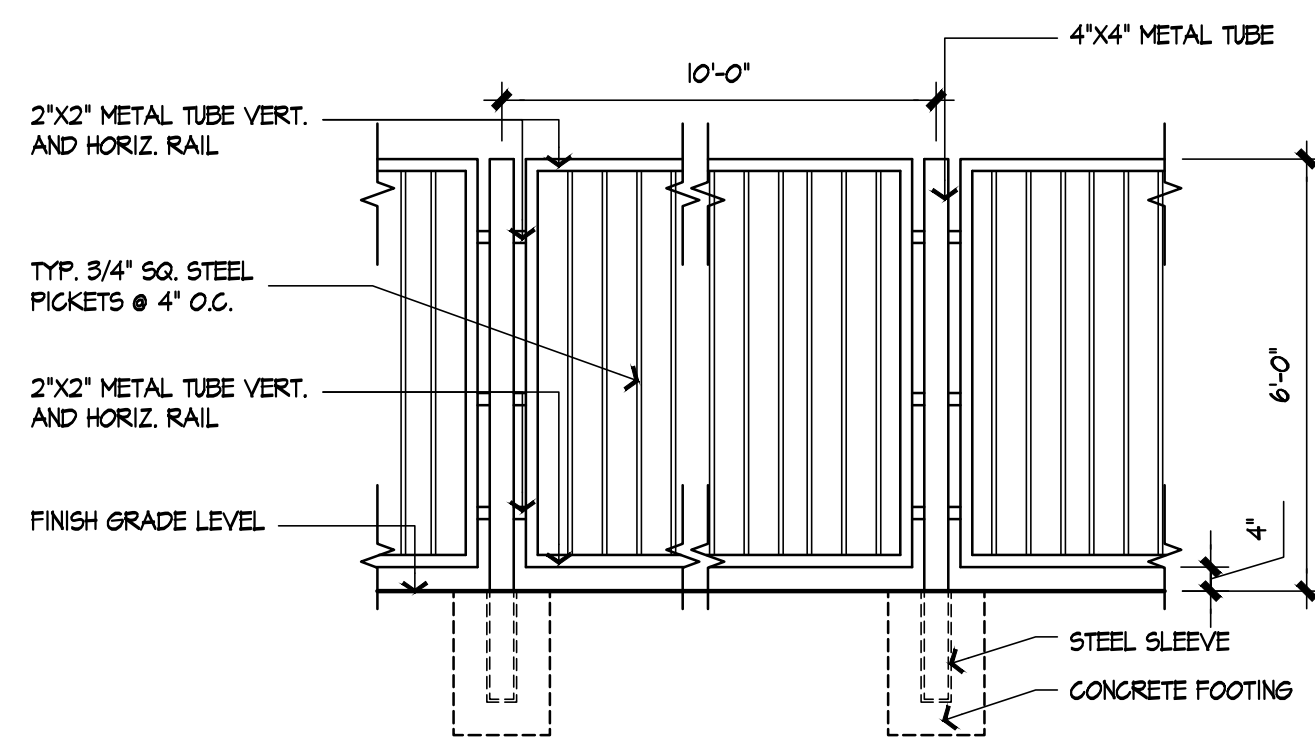
CONSensus PLANNING, INC.  
Planning / Landscape Architecture  
302 Eighth Street NW  
Albuquerque, NM 87102  
(505) 764-9801 Fax 842-5495  
e-mail: cp@consensusplanning.com

jordan  
ARCHITECTS, INC.  
131 CALLE IGLESIA, SUITE 100  
SAN CLEMENTE,  
CA 92672-7541  
Telephone 949 388-8090  
Facsimile 949 388-8290



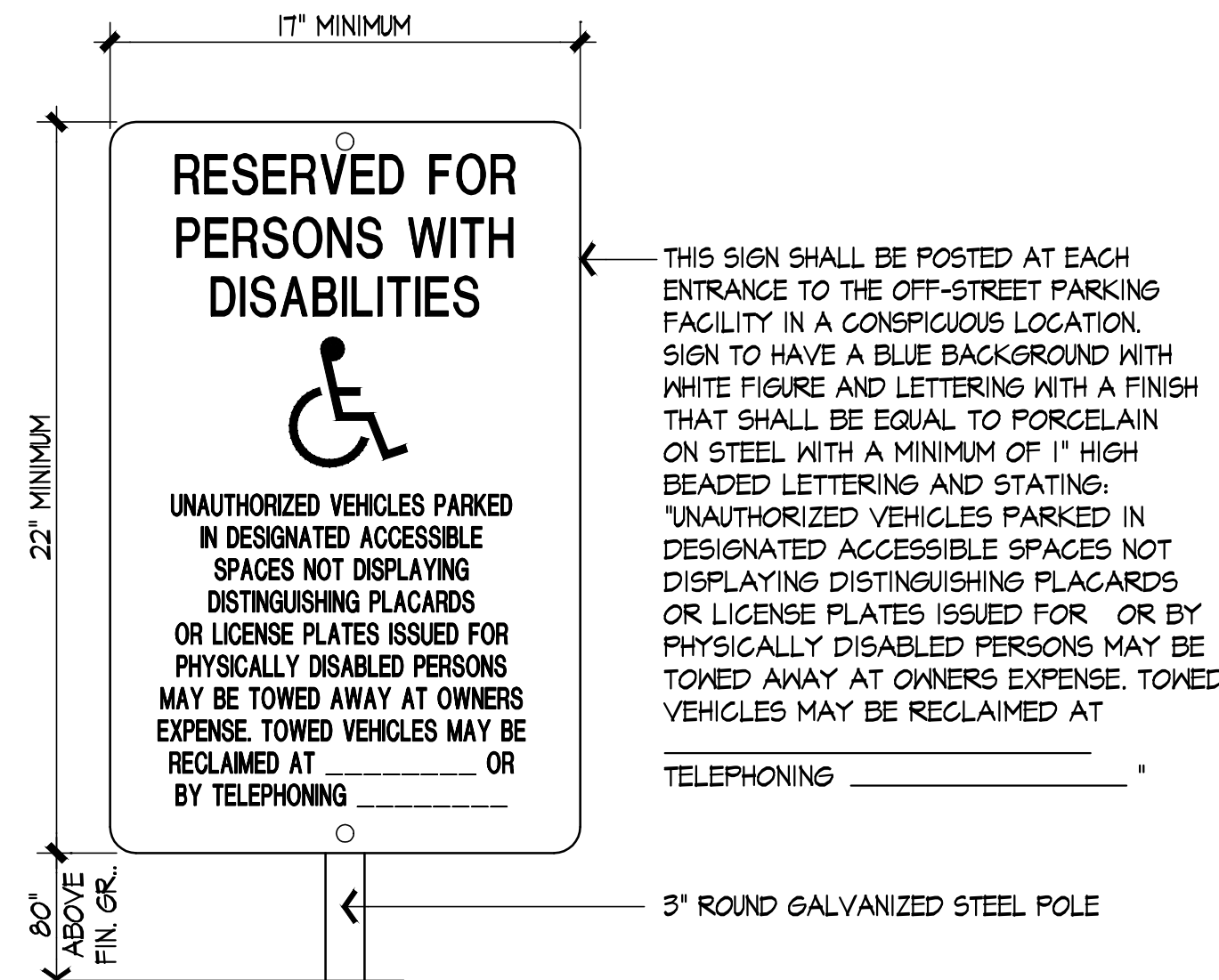
**FENCE 2 - BUILDING PERIMETER**

SCALE: 1/4"=1'-0"



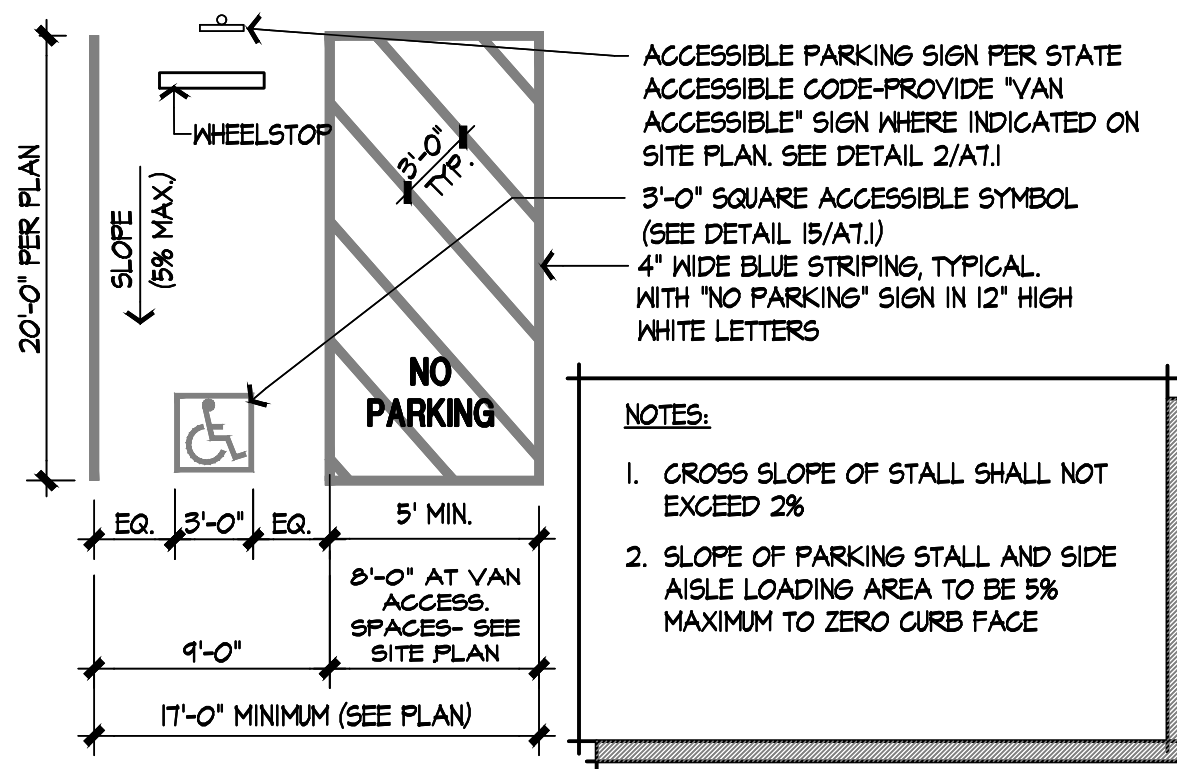
**FENCE 1 - PARKING AREA**

SCALE: 1/4"=1'-0"



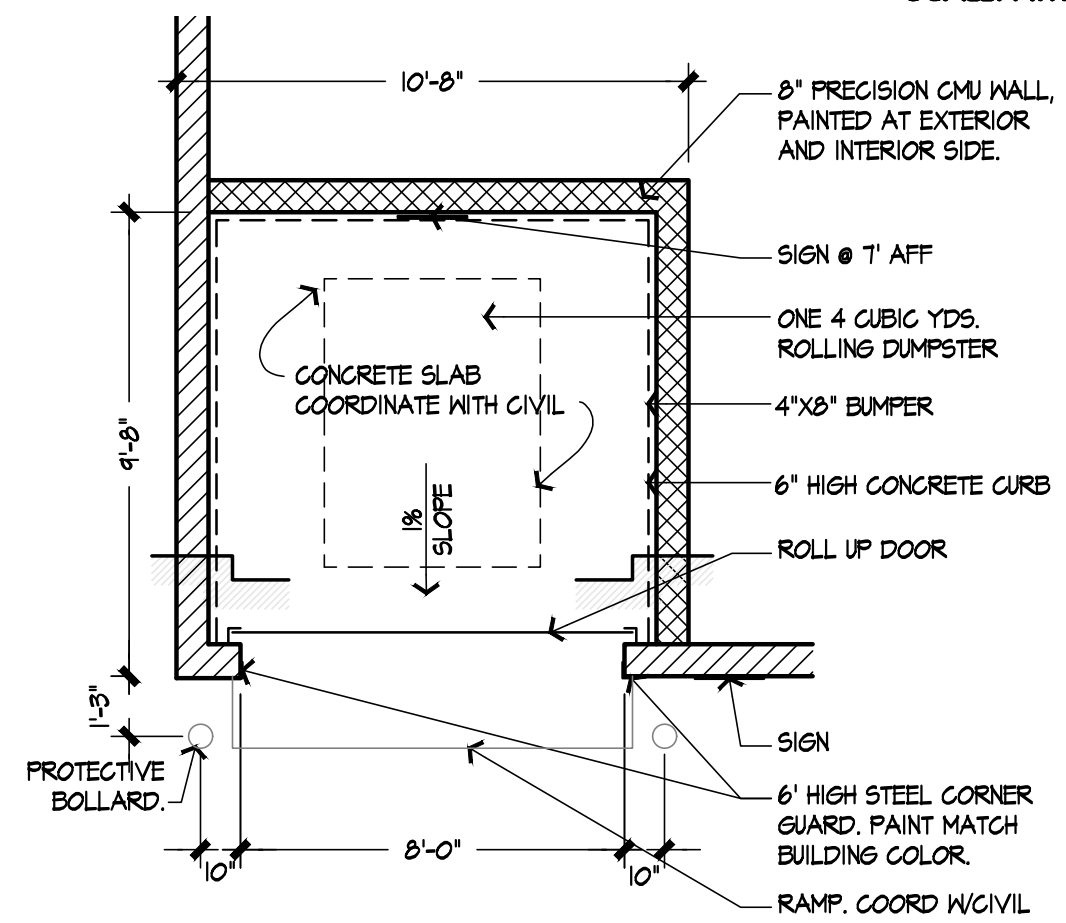
**PARKING ENTRANCE SIGNAGE**

SCALE: N.T.S.



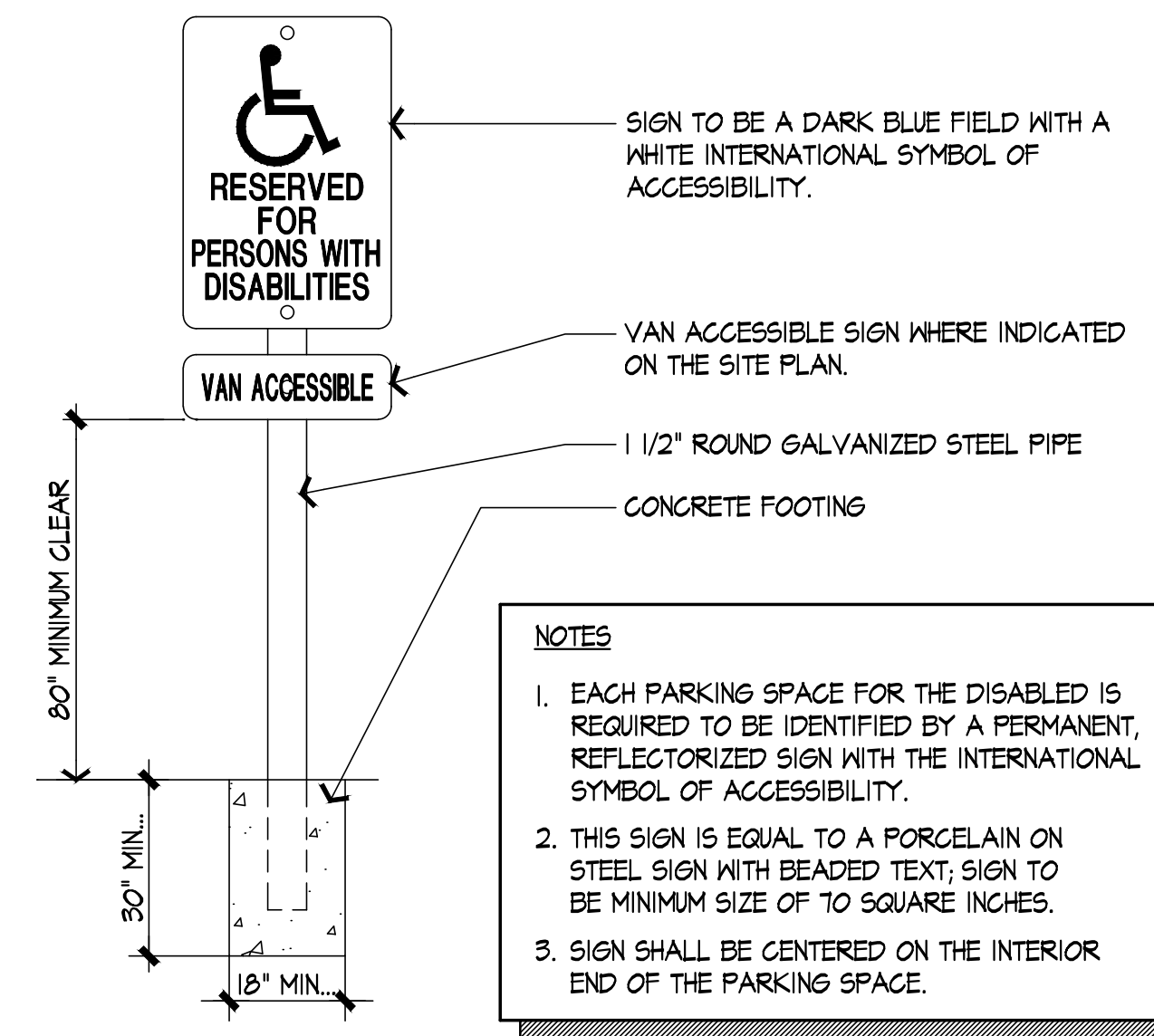
**ACCESSIBLE PARKING DETAIL**

SCALE: N.T.S.



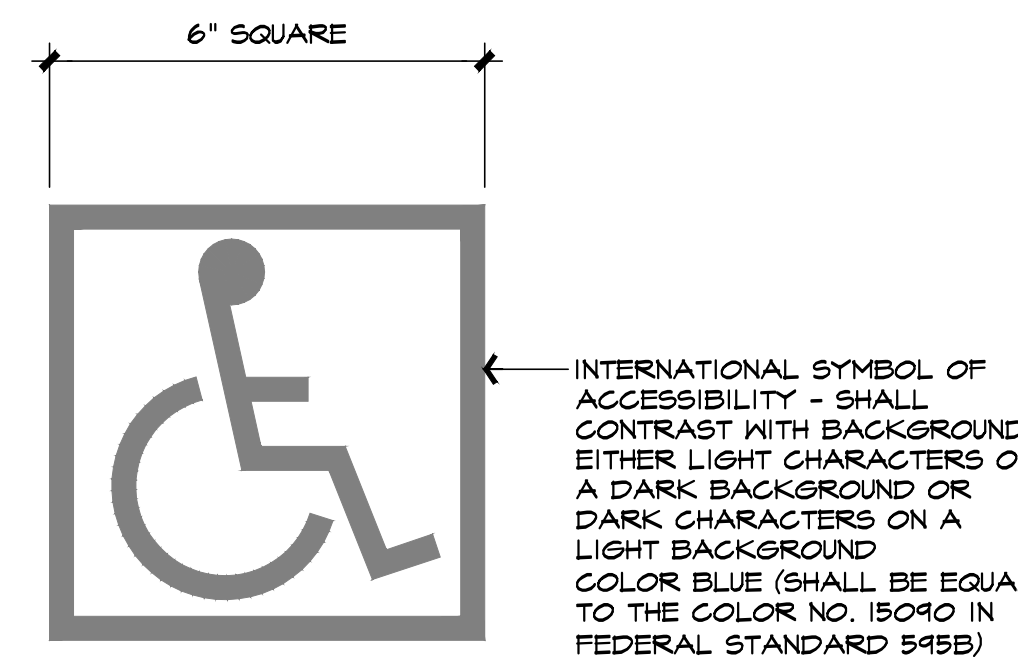
**TRASH ENCLOSURE ENLARGED PLAN**

SCALE: 1/4"=1'-0"



**ACCESSIBLE PARKING SIGNAGE**

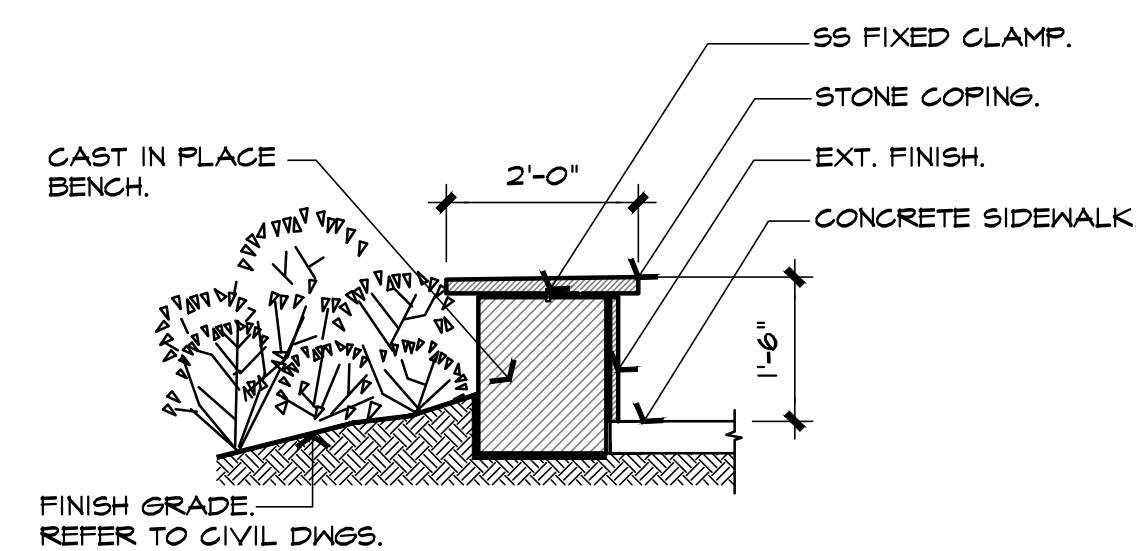
SCALE: N.T.S.



\*NOTE: AFFIX AN INTERNATIONAL ACCESSIBILITY SYMBOL AT ALL ACCESSIBLE ENTRANCES. MOUNTING HEIGHT SHALL BE 60" A.F.F. TO THE CENTERLINE OF THE SIGN LOCATED ADJACENT TO THE LATCH SIDE OF THE SINGLE DOOR AND RIGHT SIDE OF DOUBLE DOORS.

**ACCESSIBLE ENTRANCE SIGNAGE**

SCALE: N.T.S.



**PLANTER & BENCH SECTION**

SCALE: 1/2"=1'-0"

TITAN DEVELOPMENT  
**LADERA CROSSING SELF STORAGE**  
 ALBUQUERQUE, NM

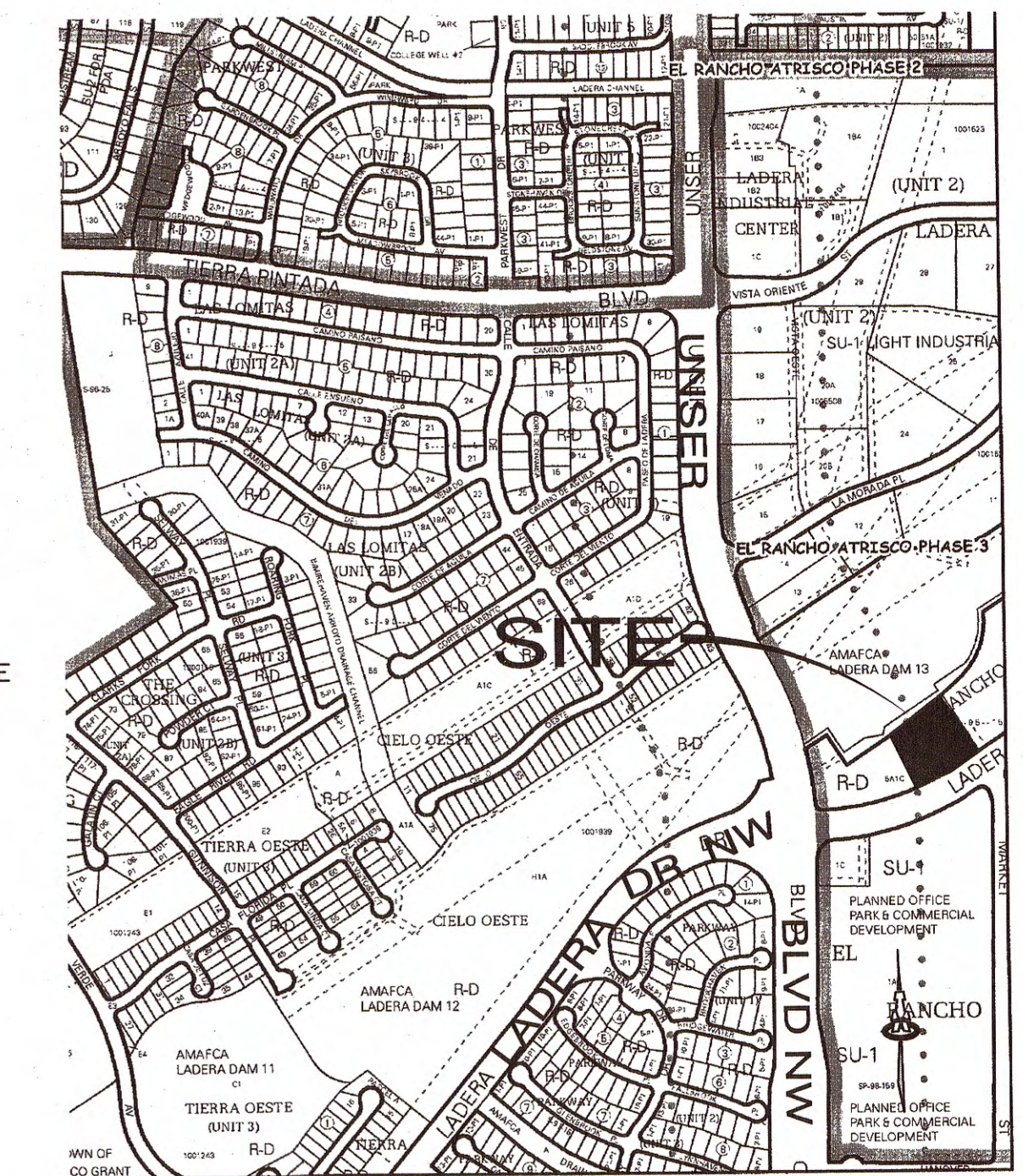
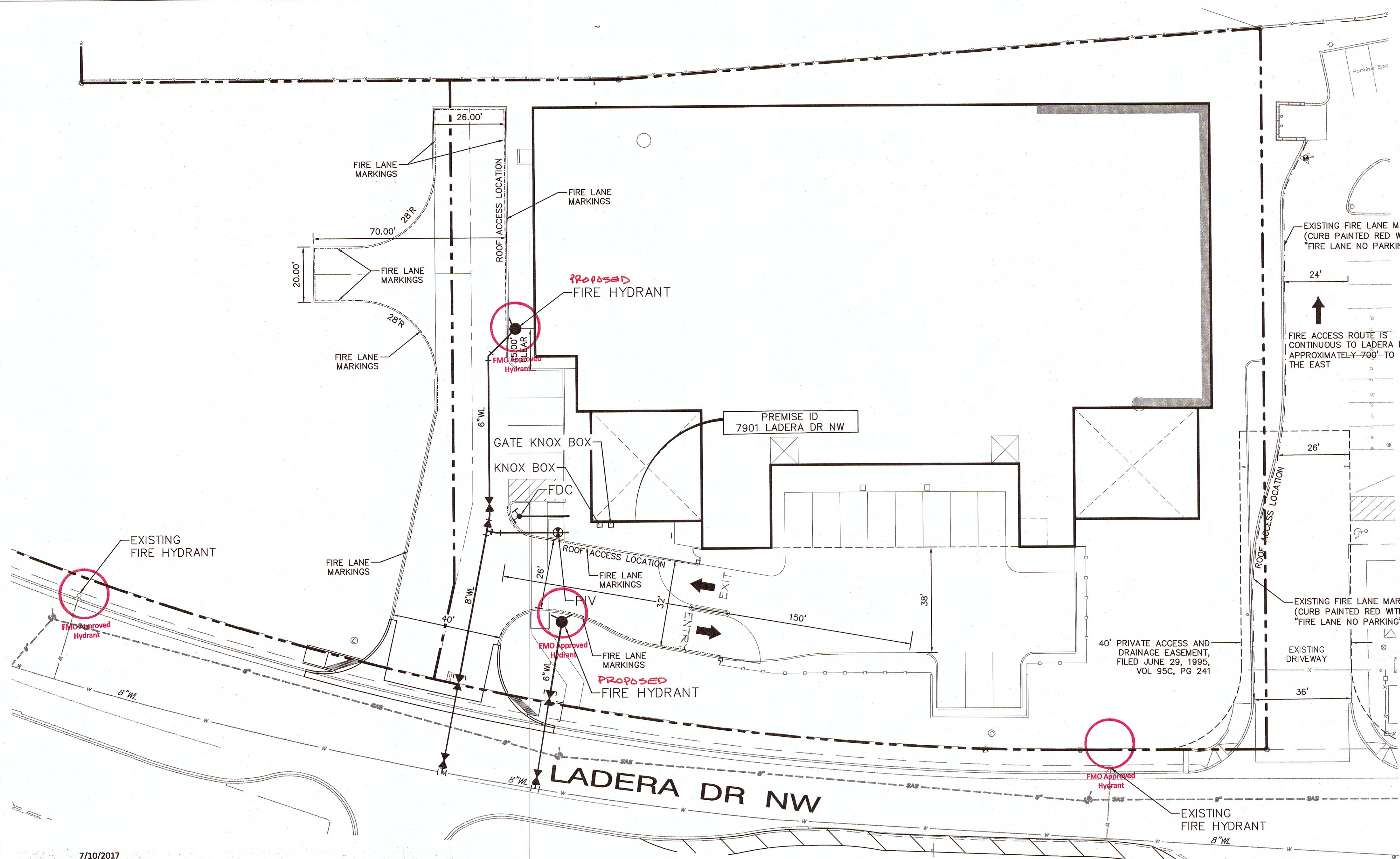
**DETAILS**

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JOB NUMBER: 17-424  
 SCALE: N.T.S.  
 DATE: 09/25/2017

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 Telephone 949 388-6090  
 Facsimile 949 388-8290



7901 LADERA DR. N.W.,  
ALBUQUERQUE, NM 87120

105,150 SQ. FT BUILDING  
TYPE 2B CONSTRUCTION  
SPRINKLED  
35'-0" BUILDING HEIGHT

2 EXISTING FIRE HYDRANT NEAR SITE

ALL ACCESS ROADS AND FIRE LANES  
HAVE GRADES LESS THAN 10% AND A  
LOAD CAPACITY OF 75,000 POUNDS.

ALL ACCESS ROADS AND FIRE LANES  
WILL ACCOMMODATE A 28' MINIMUM  
TRUCK TURNING RADIUS

----- FIRE LANE MARKINGS (PROPOSED)  
----- FIRE LANE MARKINGS (EXISTING)

7/10/2017

Rio Volcan Apartments  
1919 Ladera Dr NW  
Albuquerque, NM 87120

Re: City of Albuquerque Fire Department Fire Safety

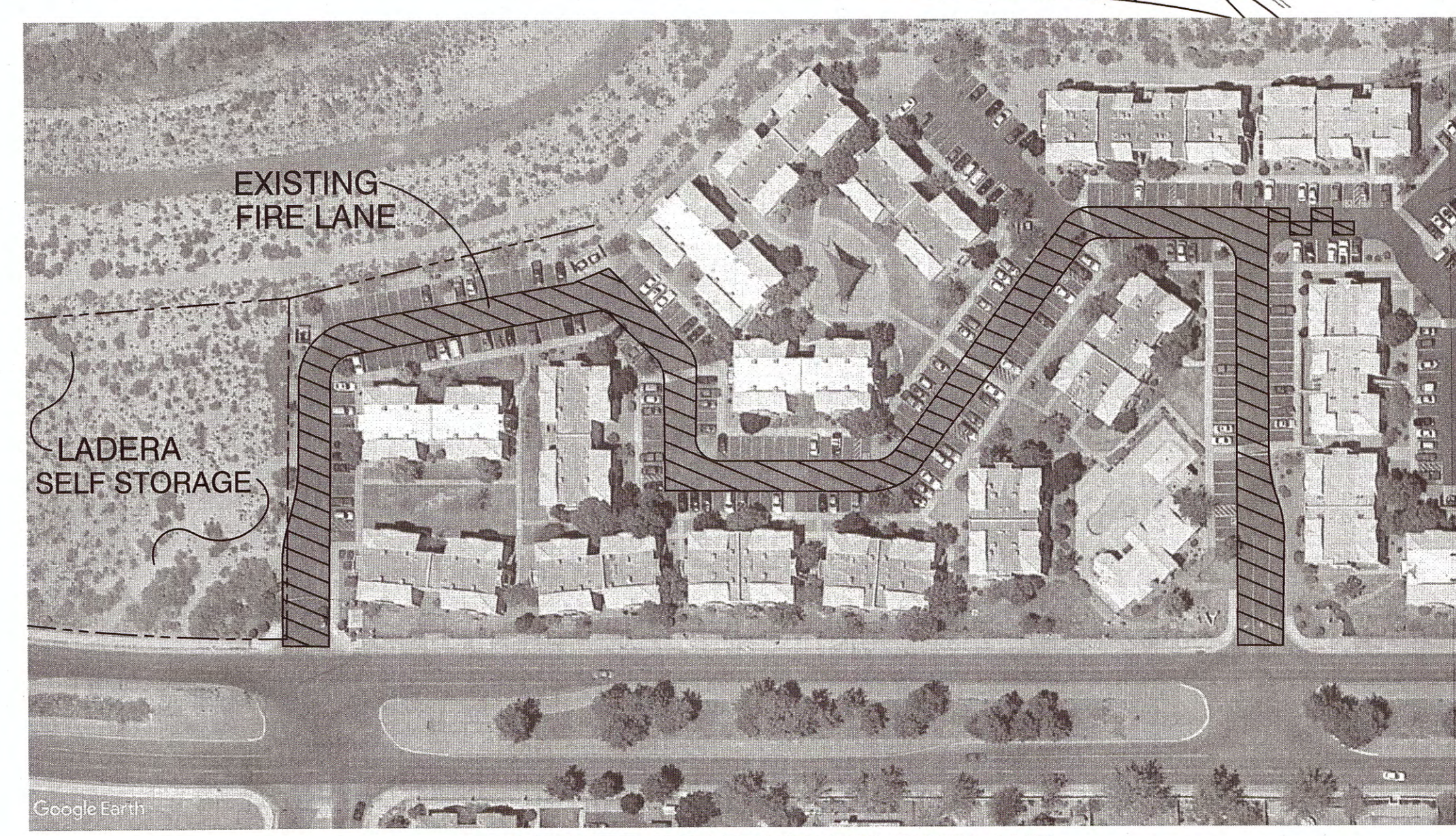
Subject: Access to Apartment Property

It is our understanding that the property immediately to the west of Rio Volcan Apartments, located on Tract 5-A-1C, El Rancho Atrisco Phase III, is currently going through the development process with the City of Albuquerque to develop a climate-controlled self-storage facility. It is also our understanding that the City of Albuquerque's Fire Marshal's Office has requested our written permission to allow access onto our property along our western boundary in the event of a fire to allow for fire vehicles access to fight the fire and roof access to the future self-storage facility.

This letter serves as our written permission to allow access onto our property in the event of an emergency.

Sincerely,

*Carroll Pina*  
Name/Title  
*[Signature]*  
Signature



OFFSITE (APARTMENTS) FIRE LANE  
NTS

3573-17  
HYDRANT AND FIRE ACCESS  
ALBUQUERQUE FIRE MARSHAL'S OFFICE  
PLANS CHECKING DIVISION  
SOFT 105,150 CONSTRUCTION TYPE 2B  
GPM 2375 NUMBER OF HYDRANTS 4  
APPROVED  
7/9/17  
SIGNATURE / MAN NUMBER / DATE

**ISAACSON & ARFMAN, P.A.**  
Consulting Engineering Associates  
128 Monroe Street N.E.  
Albuquerque, New Mexico 87108  
Ph. 505-268-8828 www.isaacson.com

2228 FIRE 1.dwg Aug 17, 2017

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LADERA CROSSING  
SELF STORAGE

FIRE HYDRANT LOCATION/ ACCESS PLAN

Date:	No.:	Revision:	Date:	Job No.:
				2228
Drawn By:	FIRE 1			
Ckd By:	SH. OF			

