

ALL 98TH STREET IMPROVEMENTS DONE UNDER WORK ORDER NO. 140383

CB = N60°02'03"W
L = 4126
R = 330.0

CB = N13°46'43"W
L = 1655.6
R = 4223.75

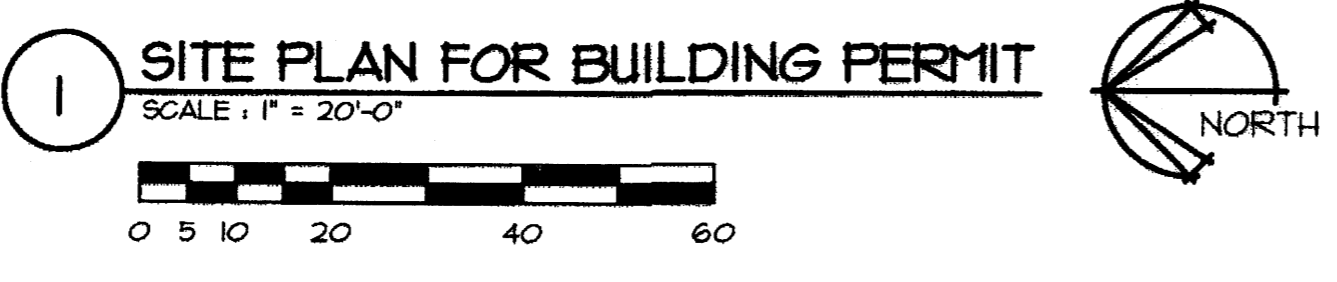
LOT 1
1.1051 ACRES

LOT 2
0.2222 ACRES

PROPOSED CONVENIENCE STORE
5500 SF.

Albuquerque Control Survey Monument
"5-18"
New Mexico State Plane Coordinates,
Central Zone (NAD27) as published:
Y = 1,481,296.87
X = 349,584.58
Elevation = 5301.894' (NGVD 29)
Ground to Grid Factor = 0.99967241
Delta Alpha = -0'17"20"

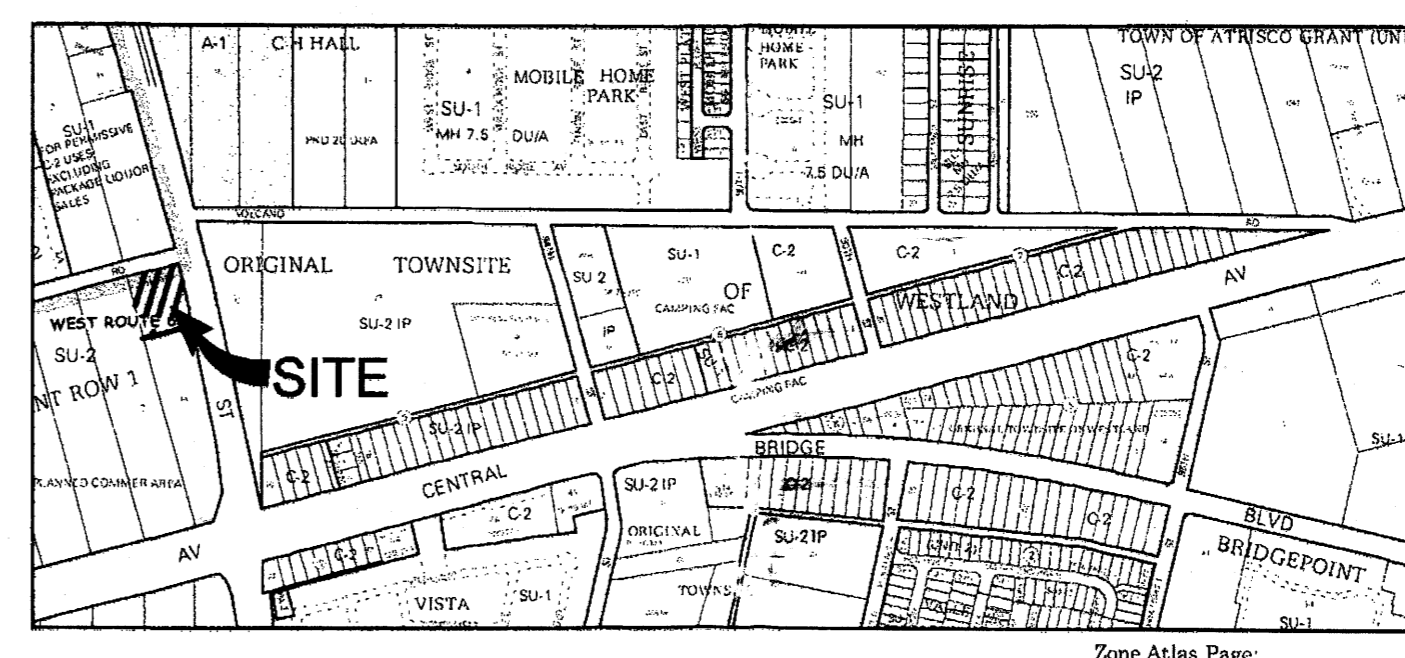
T: PUBLIC SERVICE COMPANY OF
NEW MEXICO & THE MOUNTAIN
STATES TELEPHONE AND
TELEGRAPH COMPANY EASEMENT
FILED 12/22/1986, IN BOOK 1153,
432A, PAGE 912



1 SITE PLAN FOR BUILDING PERMIT
SCALE: 1" = 20'-0"

KEYED NOTES:

- 1 ID / PRICE SIGN, RE: ELEVATION 2/5HT. 8
- 2 6'-0" RAISED / TEXTURED PEDESTRIAN CROSSWALK, RE: DETAIL 8/5HT. 8
- 3 GATED DUMPSTER ENCLOSURE - PAINTED STUCCO TO MATCH BUILDING WITH SOLID GATES, RE: 1/5HT. 8 (ALL REFUSE ENCLOSURES TO RECEIVE SANITARY DRAINS)
- 4 BIKE RACK PER C.O.A STANDARDS, RE: DETAIL 9/5HT. 8
- 5 REFUSE ENCLOSURE TO CONTAIN ADDITIONAL RECYCLE CONTAINER
- 6 RECYCLE CONTAINER AREA
- 7 AIR / WATER STAND, RE: DETAIL 3/5HT. 8
- 8 SHOE-BOX TYPE FORWARD THROW FULL CUT-OFF AREA LIGHT ON POLE, TOP OF POLE SHALL BE 20'-0" A.F.G. MAXIMUM TYPICAL, RE: DETAIL 4 & 5/5HT. 8. LIGHT POLE LOCATIONS ARE SHOWN FOR REFERENCE ONLY.
- 9 OUTDOOR SEATING AREA W/ WOOD FRAMED TRELLIS
- 10 UNDERGROUND PRODUCT TANKS
- 11 PAY TELEPHONES
- 12 FREESTANDING CANOPY 17'-0"x26'-0"
- 13 MULTI-PRODUCT FUEL DISPENSER
- 14 CANOPY SUPPORT COLUMN
- 15 10'-0" BUILDING SETBACK LINE
- 16 FIRE HYDRANT
- 17 EXTERNALLY ILLUMINATED "VALERO" WORKMARK & GESTURE, 14 SF.
- 18 EXTERNALLY ILLUMINATED "VALERO" LOGO, 5 SF.
- 19 EXTERNALLY ILLUMINATED "CORNER STORE" SIGN, 48 SF.
- 20 CONCRETE PAVING
- 21 ASPHALT PAVING
- 22 CONCRETE SIDEWALK W/ C.J. @ 5'-0" E.J. @ 20'-0"
- 23 "INVERTED U" PIPE GUARD
- 24 HANDICAP PARKING SIGN, RE: DETAIL 10/5HT. 8
- 25 MOTORCYCLE PARKING SIGN, RE: DETAIL 11/5HT. 8



VICINITY MAP
SCALE: 1" = 1000'
Zone Atlas Page: K-09-Z

LEGAL DESCRIPTION

TRACT "IA" FLAT OF TRACTS IA & IB, ROW I, UNIT A, WEST OF WESTLAND, CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO, AS THE SAME IS SHOWN AND DESIGNATED ON THE FLAT OF SAID ADDITION FILED IN THE OFFICE OF THE COUNTY CLERK OF BERNALILLO COUNTY, NEW MEXICO ON MAY 17, 1988, IN FLAT BOOK C36, FOLIO 129.

SITE DATA

CURRENT ZONING: SU 2 FOR PCA (PLANNED COMMERCIAL AREA)
TOTAL ACREAGE: 4.1524 ACRES (TOTAL GROSS).
BUILDING AREA & PARKING CALCULATIONS:
LOT 1: 5,500 SF. BUILDING.
LOT SIZE = 48,164.29 SF OR 1.1051 A.C.
5,500 SF / 200 = 28 SPACES.
SPACES PROVIDED: 31 SPACES.
1 MOTORCYCLE
FAR = .11

PROJECT NUMBER: 1003794
APPLICATION NUMBER: 07 DRB-70250

This plan is consistent with the specific site development plan approved by the Environmental Planning Commission (EPC) on 12/21/06 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.

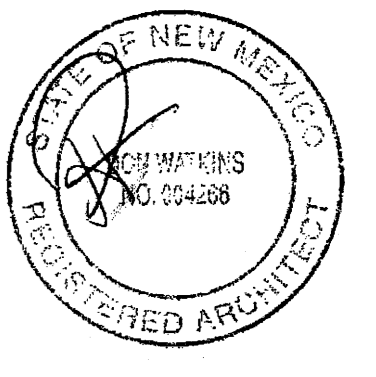
DRB SITE DEVELOPMENT PLAN SIGNOFF APPROVAL

Traffic Engineering / Transportation Division <i>Joseph Green</i>	Date 2/14/08
Water Utility Department <i>Christina Sandoval</i>	Date 9-19-07
Parks and Recreation Department <i>Bradley L. Brigham</i>	Date 2/14/08
City Engineer N/A	Date
Environmental Health Department <i>Michael Holton</i>	Date 2/15/08
Solid Waste Management <i>Andrew Sessa</i>	Date 2/15/08
DRB Chairperson, Planning Department	Date

* Environmental Health, if necessary

SHEET INDEX:

- C1 SITE PLAN FOR BUILDING PERMIT
- C2 APPROVED AMENDED SITE PLAN FOR SUBDIVISION
- C3 LANDSCAPE PLAN
- C4 GRADING AND DRAINAGE PLAN
- C5 MASTER UTILITY PLAN
- C6 ELEVATIONS
- C7 ELEVATIONS
- C8 DETAILS



VALERO CORNER STORE
STORE #1243
98th & VOLCANO
ALBUQUERQUE, NEW MEXICO



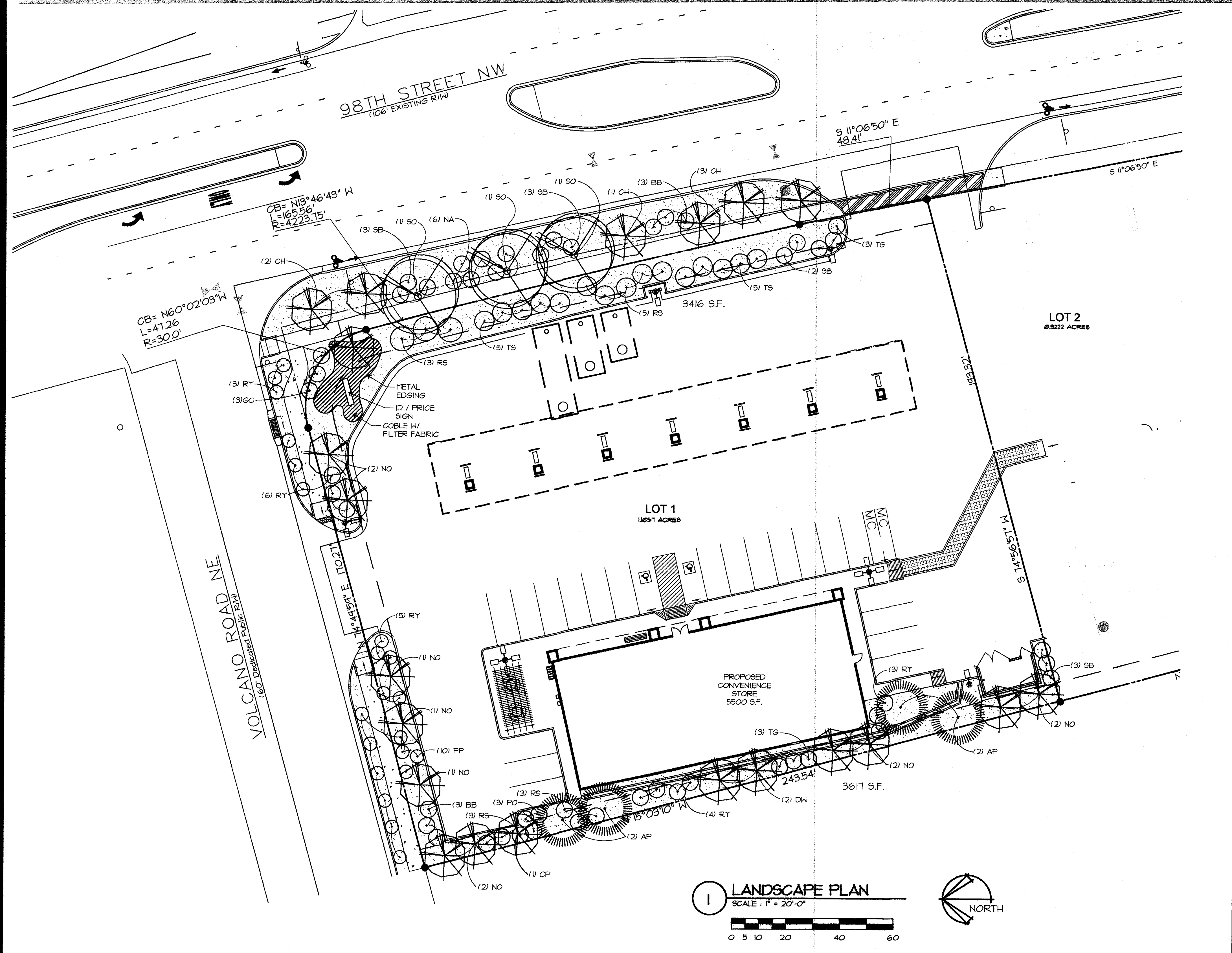
Valero Retail Holdings, Inc.
One Valero Way
San Antonio, TX 78249-1616

ISSUE	DATE

PROJECT #0284-07
DRAWN BY: CS
CHECK BY:
SHEET TITLE:
SITE PLAN FOR BUILDING PERMIT
DRAWING NO:

C1

1003794
766794



PLANTING NOTES

- THE CONTRACTOR IS TO FURNISH AND INSTALL PLANT MATERIALS AS NOTED. ALL PLANT MATERIAL MUST EQUAL OR EXCEED THE CODE OF STANDARDS CURRENTLY RECOMMENDED BY THE AMERICAN ASSOCIATION OF NURSERYMEN.
- PRIOR TO ANY PLANTING OPERATIONS, THE AREA TO BE PLANTED IS TO BE PREPARED WITH 5 YARDS/1000 SQ. FT. OF ORGANIC MATERIAL, ROTOTILLED A MINIMUM OF 6" DEEP.
- EXCAVATE PLANTING PIT THICE AS WIDE AS ROOT BALL. PREPARED PLANT BACKFILL TO BE 1/3 ORGANIC MATERIAL AND 2/3 CLEAN TOPSOIL. STAKE ALL EVERGREEN TREES WITH TREE GUY WIRES AND CANVAS STRAPS WITH GROMMETS. STAKE ALL DECIDUOUS TREES WITH T-BAR METHOD (TWO STAKES PER TREE). NO EXPOSED WIRES SHOULD COME INTO CONTACT WITH THE TRUNK FOR EITHER GUYING METHOD. TREE WRAP ALL DECIDUOUS TREES TO FIRST BRANCH.
- ALL TREES AND SHRUBS ARE TO BE PLANTED AFTER ROUGH GRADING AND PRIOR TO PLACING OF GROUND COVER MATERIAL.
- SOD SHALL BE LAYED ON A FIRM BED WITH TIGHT JOINTS AND NO VOIDS BETWEEN STRIPS. SOD TO BE FERTILIZED WITH A GRAVILAR DIAMMONIUM PHOSPHATE (18-46-0) AT RATE OF SIX (6) LBS. PER 1000 SQ. FT.
- CONTRACTOR TO MAINTAIN ALL PLANTINGS INSTALLED UNDER THIS CONTRACT UNTIL FINAL ACCEPTANCE AND TURNOVER TO OWNER.
- PLANTS SHALL BE GUARANTEED FOR ONE GROWING SEASON. SPRING PLANTINGS WILL BE GUARANTEED THROUGH OCTOBER OF THE SAME YEAR. ANY PLANTINGS AFTER THE MONTH OF AUGUST WILL BE GUARANTEED THROUGH MAY OF THE FOLLOWING SPRING.
- PLANTING BED EDGER TO BE RYERSON STEEL EDGER, 1/8" X 4" X 10" (OR EQUAL).
- CONTRACTOR TO REPAIR OR REPLACE ANY SOD, MULCH, OR SITE IMPROVEMENTS DISTURBED OR DAMAGED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- PLACE GEOTEXTILE FABRIC (MIRAFI #140-2 OR EQUAL) UNDER ALL ROCK OR PLANTING BEDS.
- LANDSCAPE INSTALLATION TO BE COMPLETED PRIOR TO ISSUANCE OF A CERTIFICATE OF OCCUPANCY (VERIFY PROCEDURE WITH LOCAL GOVERNING AUTHORITY).
- IRRIGATION SYSTEM SHALL HAVE SHRUB BEDS AND LAWN AREAS ZONED SEPARATELY. LAWN AREAS TO BE POP-UP SPRAY SYSTEM. SHRUB BEDS TO HAVE FULL COVERAGE WITH EITHER A MICRO-EMITTER OR DRIP SYSTEM. ALL HEADS TO BE ADJUSTED TO PREVENT OVERSPRAY ONTO BUILDINGS AND WALKWAYS.
- BACKFLOW PREVENTION DEVICE SHALL BE IN ACCORDANCE WITH CITY SPECIFICATIONS.
- IRRIGATION SYSTEM COMPONENTS TO BE MANUFACTURED BY 'RAINBIRD' OR EQUAL. SPRINKLER SYSTEM CONTROL UNIT TO BE INSTALLED IN CONVENIENCE STORE UTILITY ROOM.
- POINT OF CONNECTION FOR IRRIGATION SYSTEM TO BE DETERMINED IN FIELD ASSUMED 25 GPM @ 40 PSI.
- IRRIGATION SYSTEM TO BE ISOLATED WITH GATE VALVE
- NOT USED.
- NOT USED.
- ALL TREES SHALL BE 10' CLEAR OF WATER AND SANITARY SEWER LINES AND 4' CLEAR OF GAS LINES.
- ALL SHRUBS SHALL BE 4' CLEAR OF WATER, SANITARY SEWER LINES AND GAS LINES.
- THE LANDSCAPE IRRIGATION PLAN MUST BE APPROVED BY THE CITY PRIOR TO ISSUANCE OF A BUILDING PERMIT. THE IRRIGATION SYSTEM MUST BE INSTALLED, OR AN ACCEPTABLE BOND DEPOSITED WITH THE CITY FOR THE VALUATION OF THE IRRIGATION SYSTEM, PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY.
- EXISTING TREES TO BE SAVED SHOULD BE MARKED WITH PROMINENT IDENTIFICATION WHERE TREE TRUNKS ARE APT TO BE DAMAGED. THEY SHOULD BE PROTECTED WITH METAL POSTS AND SNOW FENCE.
- HEAVY EQUIPMENT SHOULD NOT BE ALLOWED TO COMPACT THE SOIL OVER THE ROOT ZONE OF EXISTING TREES.
- AVOID CUTTING SURFACE ROOTS WHEREVER POSSIBLE. SIDEWALKS AND PAVING LEVELS SHOULD BE CONTOURED SUFFICIENTLY TO AVOID SUCH CUTTING. ROOT CUTS FROM EXCAVATION SHOULD BE DONE RAPIDLY. SMOOTH FLUSH CUTS SHOULD BE MADE. BACKFILL BEFORE ROOTS HAVE A CHANCE TO DRY OUT AND WATER THE TREE IMMEDIATELY.

NOTE:
GENERAL CONTRACTOR TO DESIGN, FURNISH, AND INSTALL IRRIGATION SYSTEM AS REQUIRED TO PROVIDE ADEQUATE IRRIGATION TO ALL LANDSCAPED AREAS. SEE NOTES 12, 13, 14, 15.

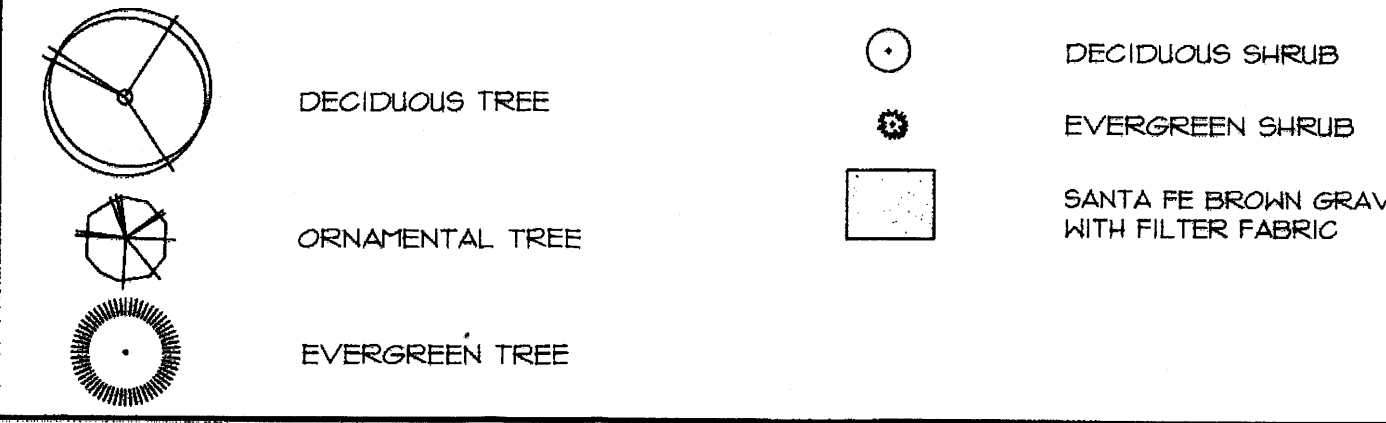
PLANT SCHEDULE

ABBV	BOTANICAL NAME	COMMON NAME	QUAN	SIZE	TYPE
SO	QUERCUS SHUMARDII	SHUMARD OAK	3	2"	B4B
CH	CHILOPSIS X CATALPA	CHITALPA	6	2"	B4B
CF	PISTACIA CHINENSIS	CHINESE PISTACHE	1	2"	B4B
AP	PINUS NIGRA	AUSTRIAN PINE	4	6'-8'	B4B
DW	CHILOPSIS LINEARIS	DESERT WILLOW	2	15 GAL.	CONT.
SB	ELAEAGNUS FUNGENS	SILVERBERRY	11	5 GAL.	CONT.
BB	BUDDLEIA DAVIDII	BUTTERFLY BUSH	6	5 GAL.	CONT.
TS	RHUS TRILOBATA	THREE-LEAF SUMAC	10	5 GAL.	CONT.
RY	HESPERALOE PARVIFLORA	RED YUCCA	21	5 GAL.	CONT.
NA	NANDINA DOMESTICA	NANDINA	6	5 GAL.	CONT.
GC	COTONEASTER BUXIFOLLUS	GREYLEAF COTONEASTER	4	5 GAL.	CONT.
NO	FORESTIERA NEOMEXICANA	NEW MEXICO OLIVE	11	15 GAL.	CONT.
RM	MUHLENBERGIA CAPILLARIS	REGAL MIST	10	5 GAL.	CONT.
PO	POTENTILLA FRUTICOSA	POTENTILLA	3	1 GAL.	CONT.
HO	LONICERA JAPONICA 'HALLIANA'	HONEYBUCKLE	11	1 GAL.	CONT.
TG	STIPA TENNISIMA	THREADGRASS	6	1 GAL.	CONT.
PP	OPUNTIA MACROCENTRA	PRICKLY PEAR	10	-	CONT.
RS	PEROVSKIA ATRIFLORICIFOLIA	RUSSIAN SAGE	14	5 GAL.	CONT.

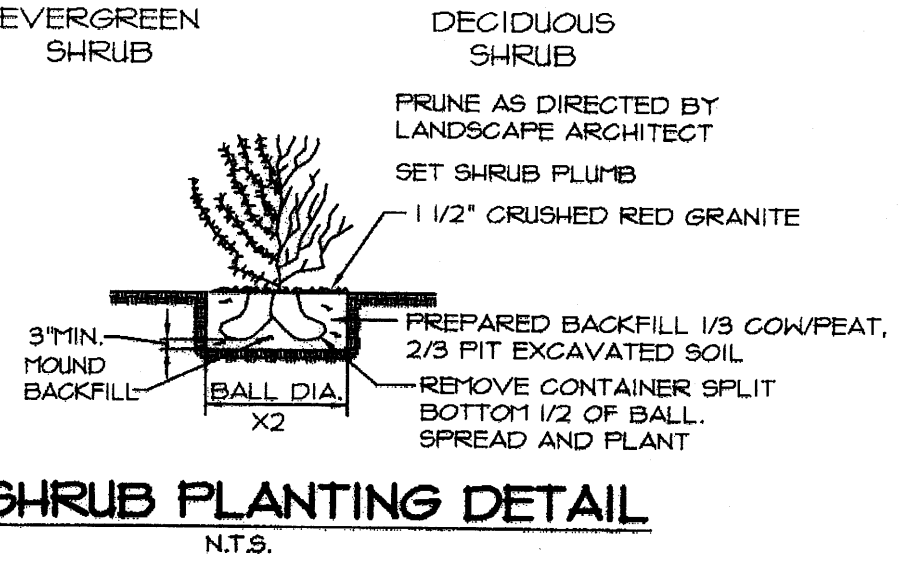
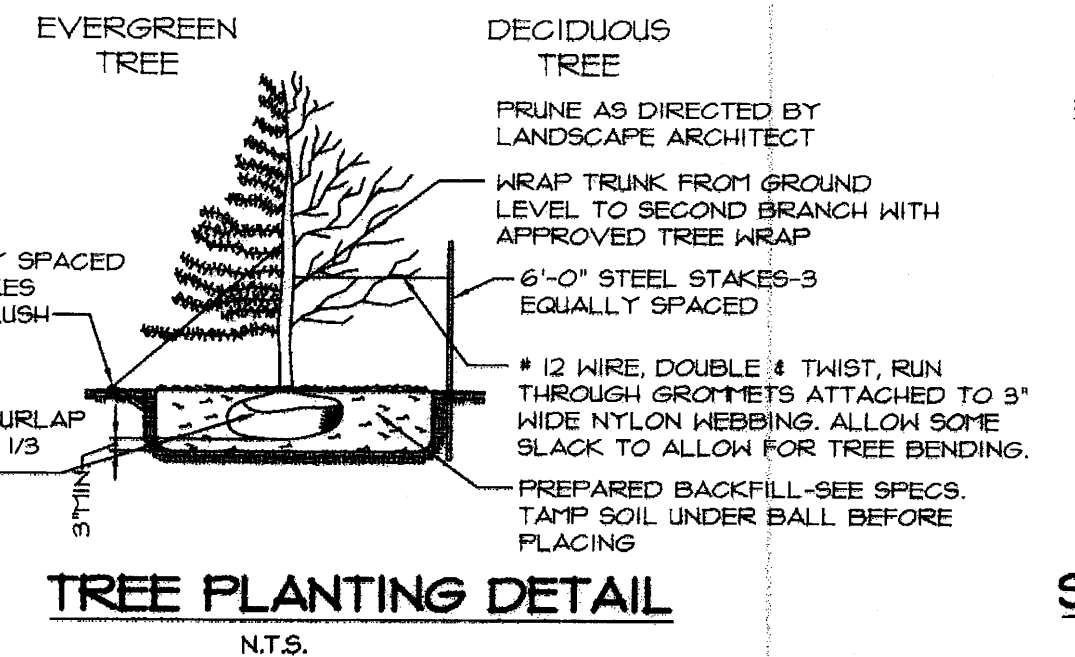
SITE DATA

GROSS LOT AREA	48,150 S.F. (1.10 ACRES)
LESS BUILDING AREA	5,500 S.F.
NET LOT AREA	42,650 S.F.
REQUIRED LANDSCAPING 15% OF NET LOT AREA	42,650 * .15 = 6,397.5 S.F.
PROVIDED LANDSCAPING AREA	7,033 S.F.

LEGEND



- NOTES:
- LANDSCAPE MAINTENANCE SHALL BE THE RESPONSIBILITY OF THE PROPERTY OWNER.
 - IT IS THE INTENT OF THIS PLAN TO COMPLY WITH THE CITY OF ALBUQUERQUE WATER CONSERVATION LANDSCAPING AND WATER WASTE ORDINANCE PLANTING RESTRICTION APPROACH. APPROVAL OF THIS PLAN DOES NOT CONSTITUTE OR IMPLY EXEMPTION FROM WATER WASTE PROVISIONS OF THE WATER CONSERVATION LANDSCAPING AND WATER WASTE ORDINANCE.
 - WATER MANAGEMENT IS THE SOLE RESPONSIBILITY OF THE PROPERTY OWNER. ALL LANDSCAPING WILL BE IN CONFORMANCE WITH THE CITY OF ALBUQUERQUE ZONING CODE, STREET ORDINANCE, POLLEN ORDINANCE, AND WATER WASTE ORDINANCE. IN GENERAL, WATER CONSERVATIVE, ENVIRONMENTALLY SOUND LANDSCAPE PRINCIPLES WILL BE FOLLOWED IN DESIGN INSTALLATION.
 - PLANT BEDS SHALL ACHIEVE 15% LIVE GROUND COVER AT MATURITY.



CA
solutions
3436 New Castle Dr.
Loveland, CO 80538
phone/fax: 970.593.6656
www.cadsolution.net

STATE OF NEW MEXICO
REGISTERED ARCHITECT
NO. 004266

PREPARED FOR:
VALERO CORNER STORE
STORE #1243
98th & VOLCANO
ALBUQUERQUE, NEW MEXICO

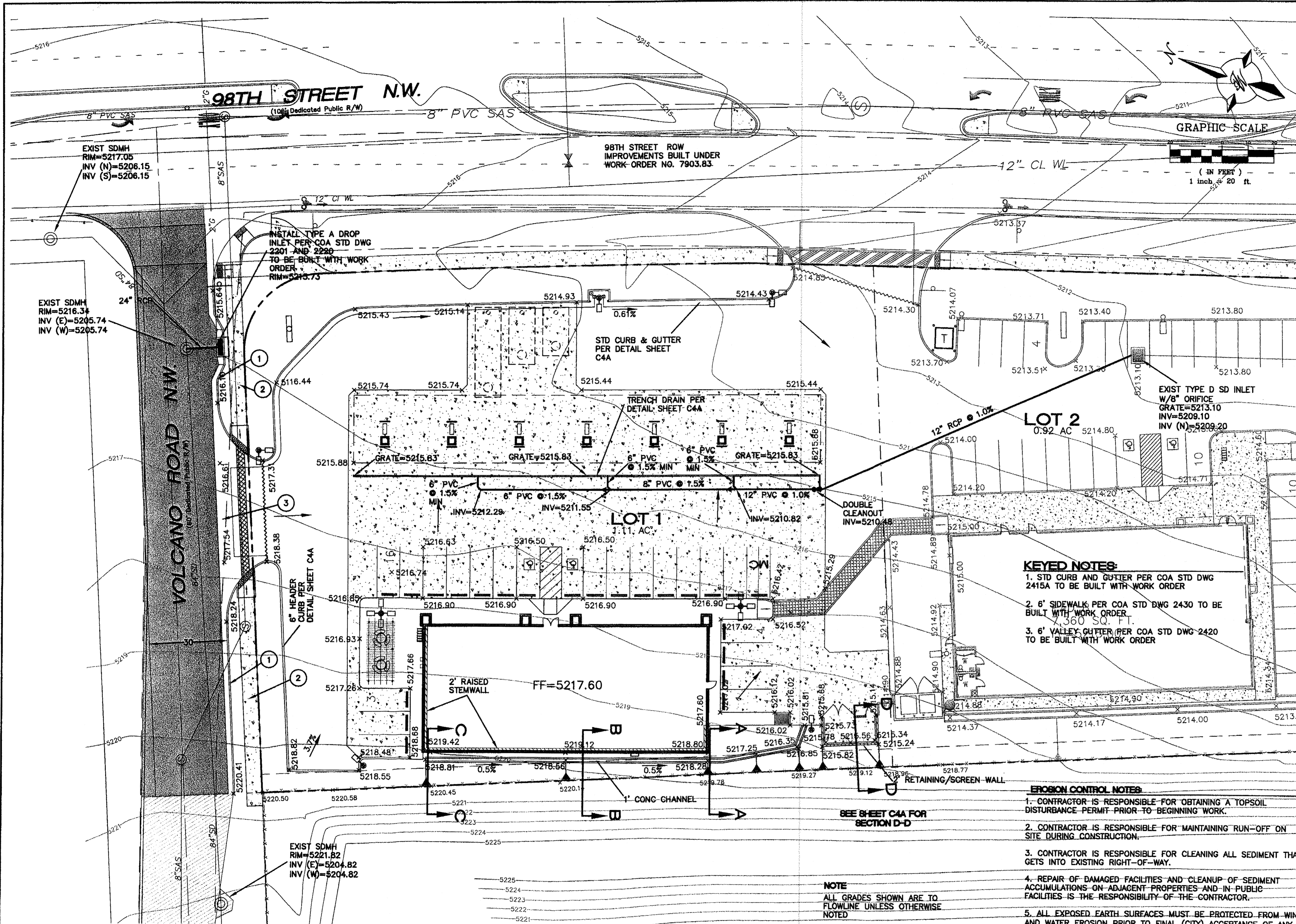
cornerstore

Valero Retail Holdings, Inc.
One Valero Way
San Antonio, TX 78249-1616

ISSUE	DATE

PROJECT #: 0284-07
DRAWN BY: CS
CHECK BY:
SHEET TITLE:
LANDSCAPE PLAN

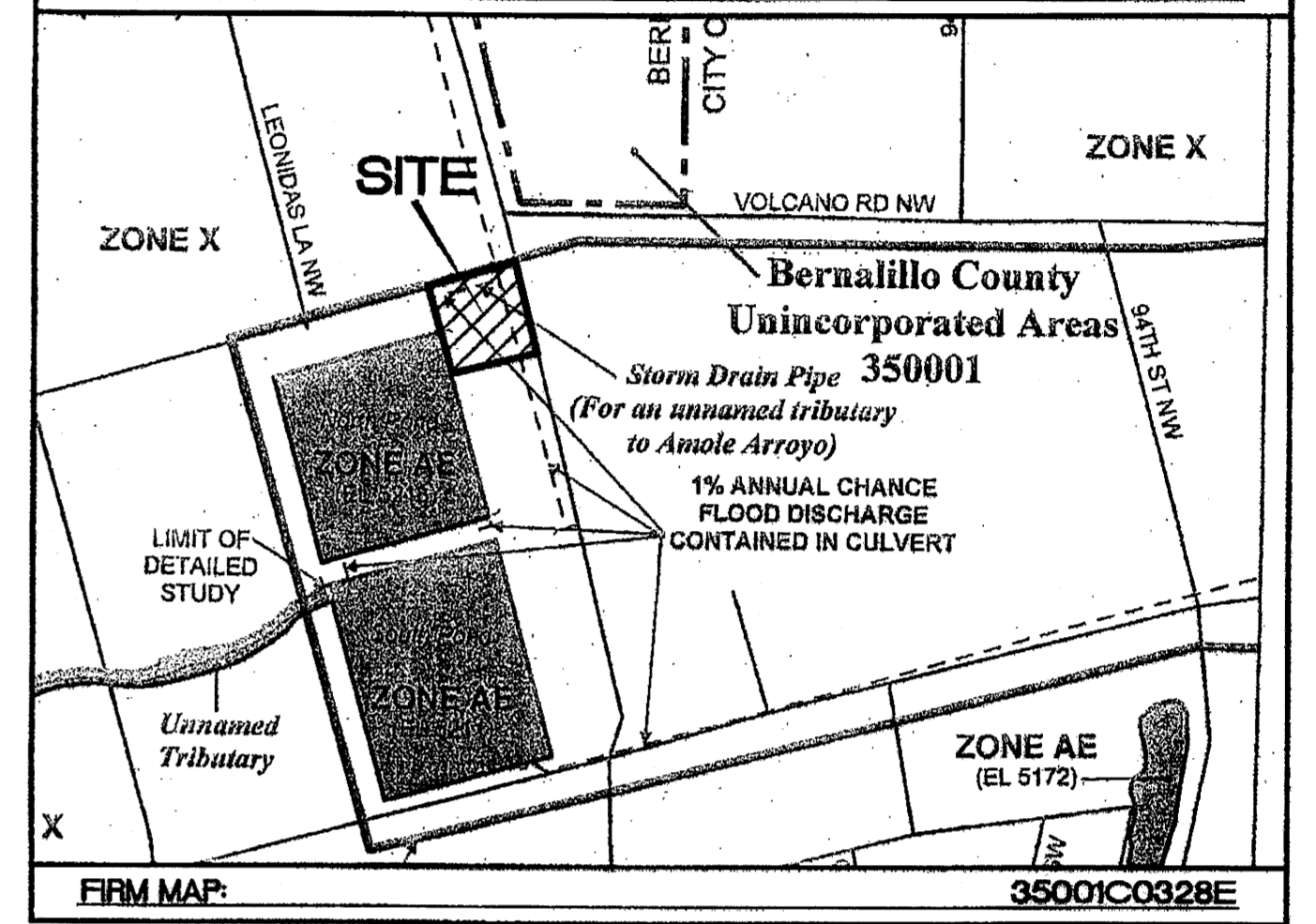
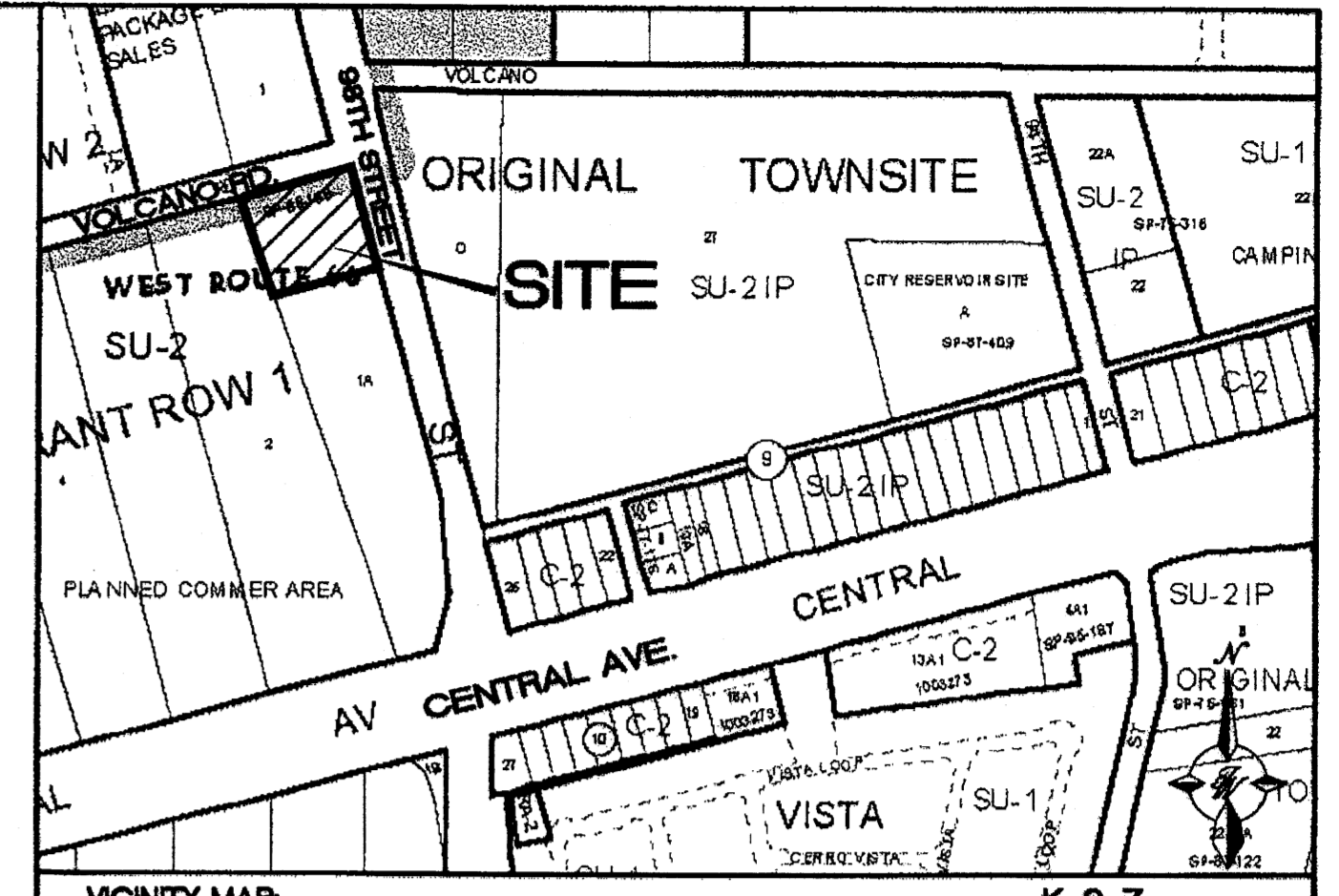
DRAWING NO:
C3



- KEYED NOTES:**
1. STD CURB AND GUTTER PER COA STD DWG 2415A TO BE BUILT WITH WORK ORDER
 2. 6" SIDEWALK PER COA STD DWG 2430 TO BE BUILT WITH WORK ORDER
 3. 6" VALLEY GUTTER PER COA STD DWG 2420 TO BE BUILT WITH WORK ORDER

- EROSION CONTROL NOTES:**
1. CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.
 2. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING RUN-OFF ON SITE DURING CONSTRUCTION.
 3. CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL SEDIMENT THAT GETS INTO EXISTING RIGHT-OF-WAY.
 4. REPAIR OF DAMAGED FACILITIES AND CLEANUP OF SEDIMENT ACCUMULATIONS ON ADJACENT PROPERTIES AND IN PUBLIC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.
 5. ALL EXPOSED EARTH SURFACES MUST BE PROTECTED FROM WIND AND WATER EROSION PRIOR TO FINAL (CITY) ACCEPTANCE OF ANY PROJECT.

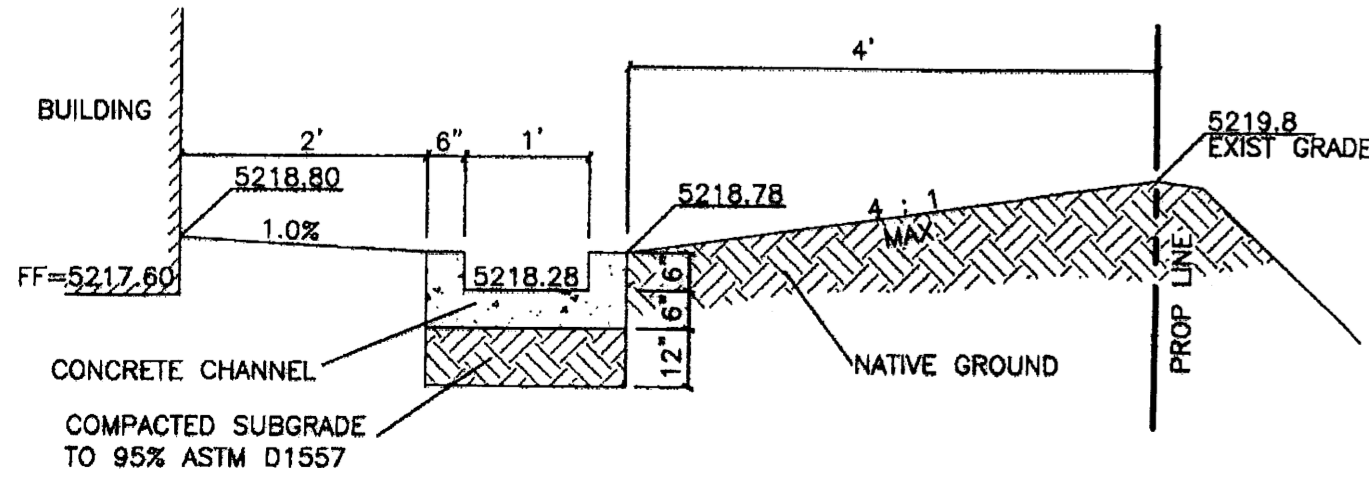
NOTE:
ALL GRADES SHOWN ARE TO FLOWLINE UNLESS OTHERWISE NOTED



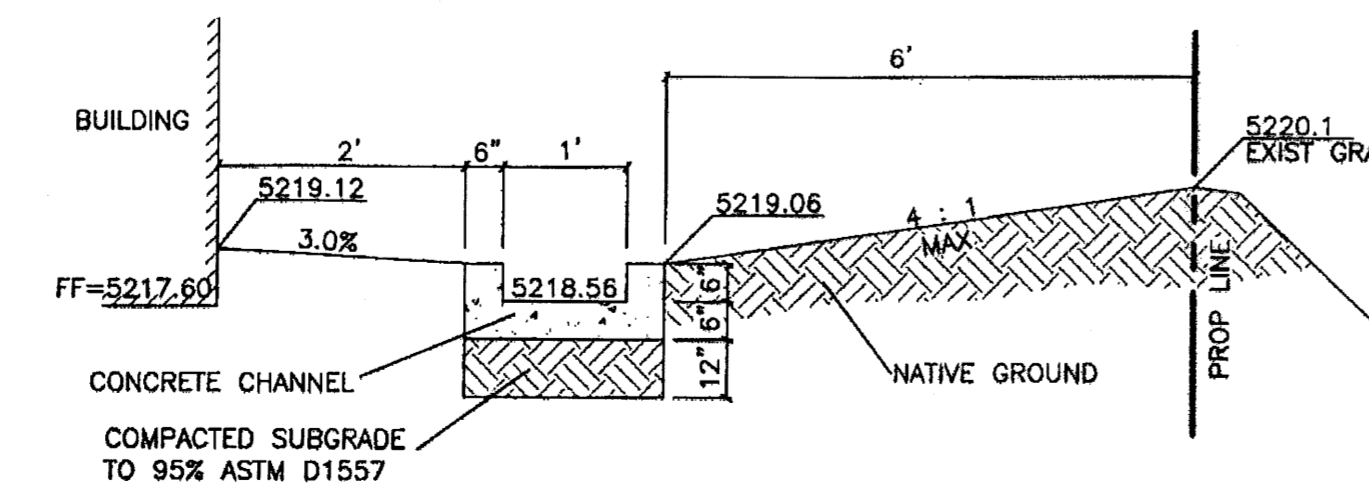
LEGEND:

- EXISTING CURB & GUTTER
- BOUNDARY LINE
- EXISTING BOUNDARY LINE
- EASEMENT
- PROPOSED RETAINING WALL
- PROPOSED SIDEWALK
- 5011 EXISTING CONTOUR
- 5010 EXISTING INDEX CONTOUR
- x 5048.25 EXISTING SPOT ELEVATION
- x 5048.25 PROPOSED SPOT ELEVATION
- FLOW ARROW
- EX. RCP EXISTING STORM SEWER LINE
- EXISTING SD MANHOLE
- PROPOSED WATER BLOCK
- PROPOSED PAVING
- REDUCER

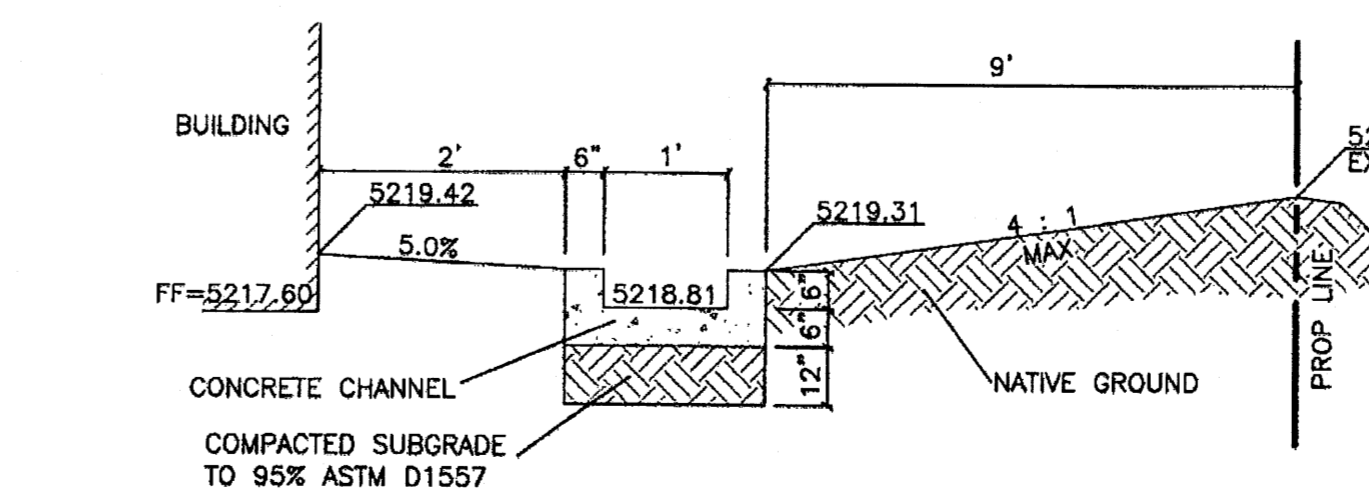
BENCHMARK:
ALBUQUERQUE CONTROL SURVEY MONUMENT "10-19"
NEW MEXICO STATE PLANE COORDINATES,
CENTRAL ZONE (NAD27) AS PUBLISHED:
Y = 1,482,084.51
X = 352,794.84
ELEVATION = 5204.437' (NGVD 29)
GROUND TO GRID FACTOR = 0.99967602
DELTA ALPHA = -0'16"58"



SECTION A-A

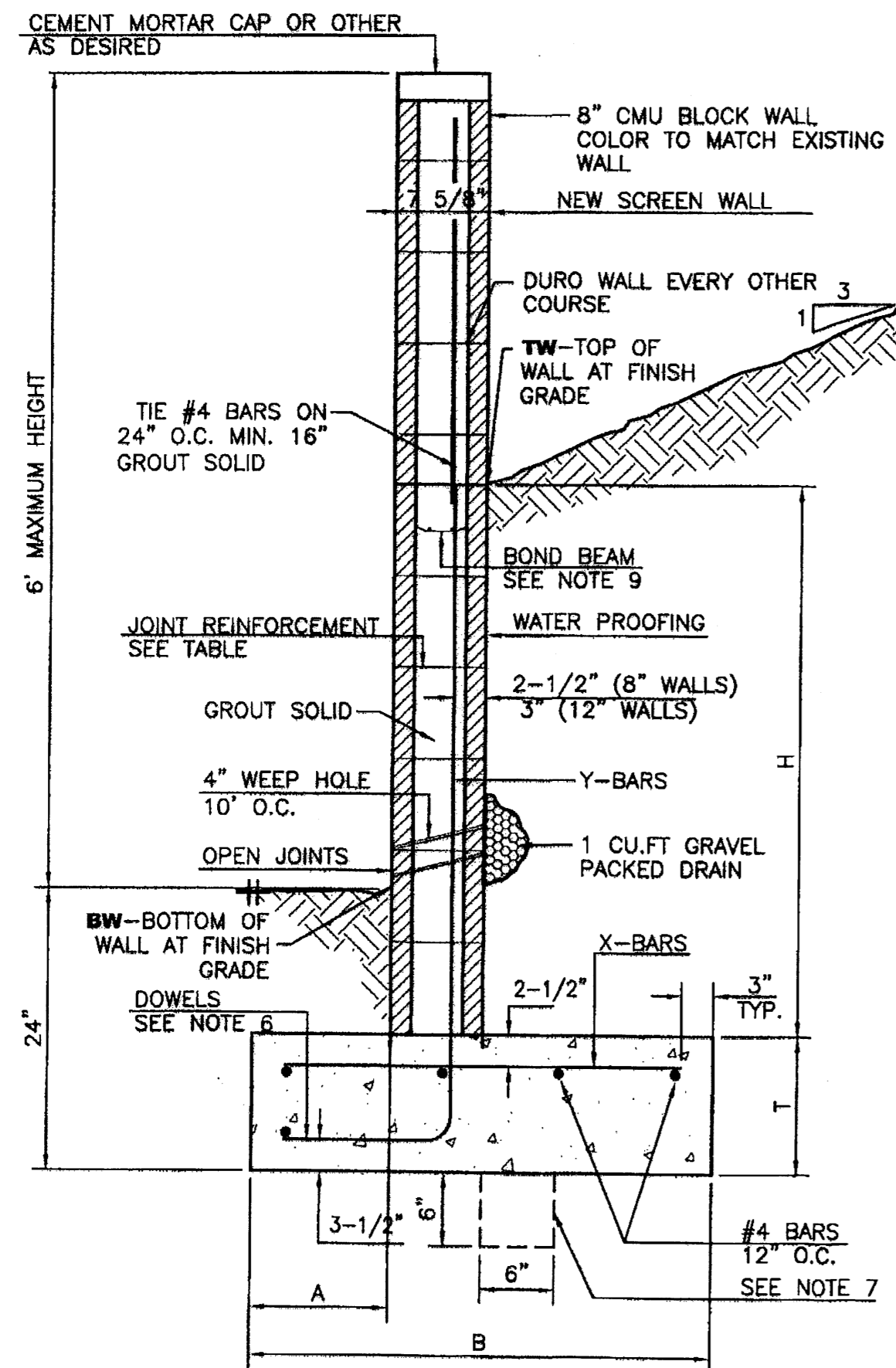


SECTION B-B



SECTION C-C

ROUGH GRADING APPROVAL		DATE
	VALERO CORNER STORE STORE #1243	DRAWN BY pm
	VALERO RETAIL HOLDINGS, INC	DATE 11/28/07
GRADING AND DRAINAGE PLAN		2774-GRB
		SHEET # C4
TIERRA WEST, LLC 5571 MIDWAY PARK PLACE NE ALBUQUERQUE, NM 87109 (505) 858-3100		JOB # 27074



8 INCH REINFORCED CONCRETE MASONRY WALL

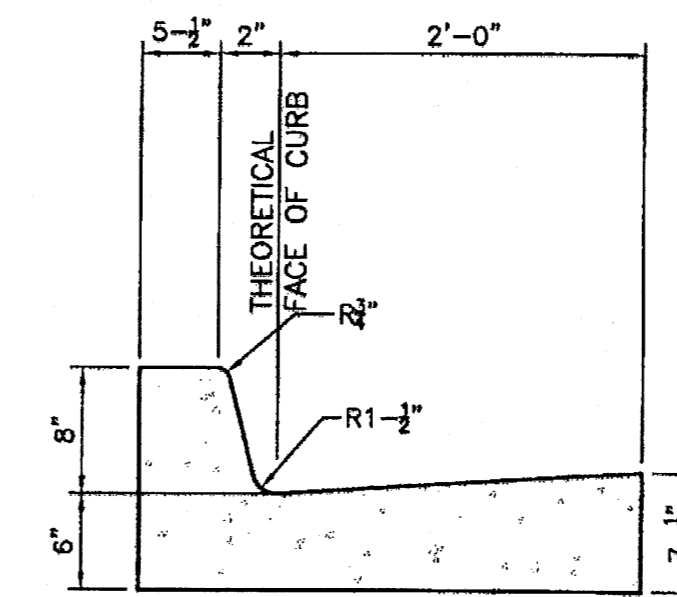
H	A	B	T	Y-BARS	X-BARS
ft.-in.	in.	ft.-in.	in.		
2'-0"	8"	2'-0"	9"	#4 @24" O.C.	#4 @24" O.C.
2'-8"	8"	2'-0"	9"	#4 @24" O.C.	#4 @24" O.C.
3'-4"	8"	2'-4"	9"	#4 @24" O.C.	#4 @24" O.C.
4'-0"	10"	2'-8"	9"	#4 @24" O.C.	#4 @24" O.C.
4'-8"	12"	3'-4"	10"	#5 @24" O.C.	#4 @24" O.C.
5'-4"	14"	3'-10"	10"	#6 @16" O.C.	#4 @16" O.C.
6'-0"	16"	4'-8"	12"	#6 @8" O.C.	#4 @16" O.C.

GENERAL NOTES:

- ALL CONCRETE IS TO BE 4000 PSI @ 28 DAYS.
- MINIMUM COMPACTION UNDER FOOTINGS IS TO BE 95% PER ASTM. D 1557 FOR A DEPTH OF 12" MOISTURE CONTENT IS TO BE ± 2.0%.
- BACK FILL AGAINST WALLS IS TO BE HAND-PLACED AND COMPACTED.
- ALL BARS ARE TO BE GRADE 60, ASTM 615.
- TRUSS TYPE DUR-O-WALL EVERY OTHER COURSE.
- DOWELS SHALL BE AT LEAST EQUAL IN SIZE AND SPACING TO V-BARS, SHALL PROJECT A MINIMUM OF 30 BAR DIA. INTO THE FILLED BLOCK CORES, AND SHALL EXTEND TO THE TOE OF THE FOOTING.
- PROVIDE KEY FOR 8" AND 12" WALLS WHERE H EXCEEDS 6'-0"
- USE EITHER EXPANSION JOINTS ON 20' CENTERS OR PILASTERS EVERY 16'.
- BOND BEAM, 1-#4 BARS FOR WALLS UNDER 3'-4", 2-#4 BARS FOR WALLS UNDER 5'-4", 2-#5 BARS FOR WALLS OVER 5'-4".

RETAINING WALL DETAIL

NTS

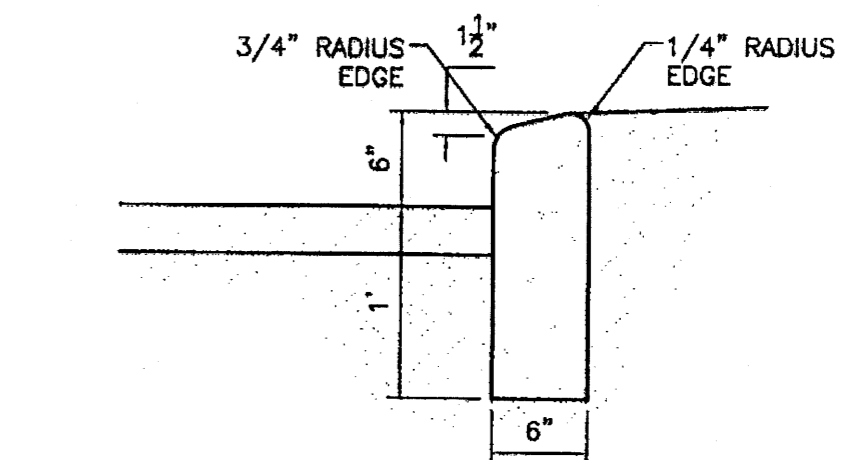


CURB GENERAL NOTES:

- ALL CURBS TO BE CONSTRUCTED OF PORTLAND CEMENT CONCRETE, PER WAL-MART SPECIFICATIONS.
- PROVIDE CONTRACTION JTS. 12' MAX., SPACING, 1/2" EXP. JTS. AT CURB RETURNS AND AT A MAX. SPACING OF 120' BETWEEN CURB RETURNS AND EACH SIDE OF SEPARATELY CONSTRUCTED DRIVEWAYS. CONTRACTION JTS. SHALL BE EITHER SAWED OR TOOLED A MINIMUM OF 1" DEEP AT FINISHED FACES.
- ALL EDGES SHALL BE EDGED WITH A 3/8" RADIUS EDGING TOOL.
- 1/4" ISOLATION JOINT SHALL BE PLACED BETWEEN SIDEWALK AND CURB WHEN CAST ADJACENT TO EACH OTHER.

8' STANDARD CURB / GUTTER

NTS



CURB GENERAL NOTES:

- ALL CURBS TO BE CONSTRUCTED OF PORTLAND CEMENT CONCRETE, PER WAL-MART SPECIFICATIONS.
- PROVIDE CONTRACTION JTS. 12' MAX., SPACING, 1/2" EXP. JTS. AT CURB RETURNS AND AT A MAX. SPACING OF 120' BETWEEN CURB RETURNS AND EACH SIDE OF SEPARATELY CONSTRUCTED DRIVEWAYS. CONTRACTION JTS. SHALL BE EITHER SAWED OR TOOLED A MINIMUM OF 1" DEEP AT FINISHED FACES.
- ALL EDGES SHALL BE EDGED WITH A 3/8" RADIUS EDGING TOOL.
- 1/4" ISOLATION JOINT SHALL BE PLACED BETWEEN SIDEWALK AND CURB WHEN CAST ADJACENT TO EACH OTHER.

6' HEADER CURB DETAIL

1"-1"

SMITH JAY R. SMITH MFG. CO. DIVISION OF SMITH INDUSTRIES, INC. 9931

9931 SERIES EXTRA HEAVY DUTY ENVIRO-FLO® DRAIN SYSTEM

FUNCTION: Used in all surface drainage, may be assembled in any length utilizing ductile iron frame system that is recommended for situations requiring an extra heavy duty rating to protect against hard wheel traffic, impact of steel containers, stumps and metal wheels.

49'-2 1/2" (15 meters) Sloped

45'-11" (14 meters) Non Sloped

Non-Sloping Neutral Channels

1/2 Meter Neutral Channel

Universal Closing End Cap Specify Shallow or Deep End

NOTE: All 1 Meter Long Sloped and Neutral Channels have a Molded 4" (111mm) No-Hub bottom Connection. The #095N 1/2 Meter Channel does not have a bottom Outlet Connection.

REGULARLY FURNISHED:

- 1 Meter (3.281) 100% Recycled Polypropylene with U.V. Inhibitors
- Channel of Interlocking Design with a Built-In Slope of .6% with Reduced Bottom along with Ductile Iron Frame Support System, (6) Galvanized Concrete Anchors, Supplied with Secured Grate.

VARIATIONS:

- Grate Specifications (See Back)
- Closing End Cap
- Horizontal Outlet 4" (Specify Channel)
- Channel Chair
- Catch Basin Only 9936 (Specify Outlet Channel)
- Catch Basin Bucket, available catch basin only 9936

NOTE: If catch basin is specified for any other channel except for the #15 channel, a channel shim must be ordered part number 9930-ESK

NOTE: This trench drainage system is designed for "on grade applications only", as there are no provisions for a flashing flange or flashing clamp.

9931

TRENCH DRAIN DETAIL

SMITH JAY R. SMITH MFG. CO. DIVISION OF SMITH INDUSTRIES, INC. 9931BS

9931 SERIES EXTRA HEAVY DUTY ENVIRO-FLO® DRAIN SYSTEM

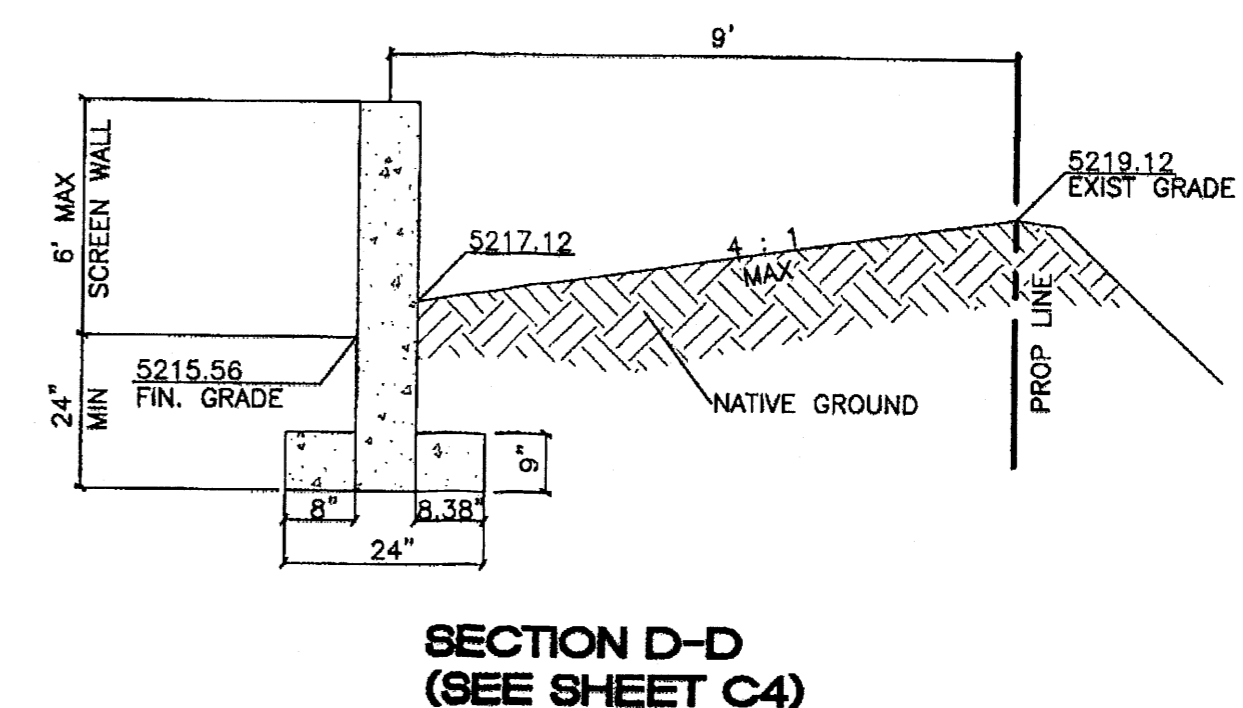
HYDRAULIC CAPACITY AND DEEP END DEPTHS 9931 SYSTEM

CHANNEL NUMBER	DEEP END DEPTH IN.	DEEP END DEPTH MM.	SLOPE	SINGLE CHANNEL EST CFS	EST GPM	WEIGHT Lbs.
9931-1	6.73	172	0.6%	29	128	46.50
9931-1N	6.73	172	0.0%	29	128	46.50
9931-2	6.97	178	0.6%	31	141	47.50
9931-2N	6.97	178	0.0%	31	141	47.50
9931-3	7.21	185	0.6%	34	151	48.50
9931-3N	7.21	185	0.0%	34	151	48.50
9931-4	7.45	191	0.6%	36	164	49.50
9931-4N	7.45	191	0.0%	36	164	49.50
9931-5	7.69	197	0.6%	39	177	49.50
9931-5N	7.69	197	0.0%	39	177	49.50
9931-6	7.93	203	0.6%	42	187	49.50
9931-6N	7.93	203	0.0%	42	187	49.50
9931-7	8.17	209	0.6%	45	200	49.50
9931-7N	8.17	209	0.0%	45	200	49.50
9931-8	8.41	215	0.6%	47	213	50.50
9931-8N	8.41	215	0.0%	47	213	50.50
9931-9	8.65	221	0.6%	49	224	51.50
9931-9N	8.65	221	0.0%	49	224	51.50
9931-10	8.89	228	0.6%	53	237	52.50
9931-10N	8.89	228	0.0%	53	237	52.50
9931-11	9.13	234	0.6%	56	250	52.50
9931-11N	9.13	234	0.0%	56	250	52.50
9931-12	9.37	240	0.6%	58	261	52.50
9931-12N	9.37	240	0.0%	58	261	52.50
9931-13	9.61	246	0.6%	61	274	52.50
9931-13N	9.61	246	0.0%	61	274	52.50
9931-14	9.85	252	0.6%	64	287	52.50
9931-14N	9.85	252	0.0%	64	287	52.50
9931-15	10.09	258	0.6%	67	301	52.50

NOTE: The grate securing bolts must remain secured in the grate and tightened to the locking bar installed in the channel. If the grate securing bolts are removed from the grates for maintenance of the trench drain, they must be replaced and retightened. If the grate securing bolts are left out of the grates, the life span of the trench drain system could be affected along with the safety of pedestrian traffic.

Extra Heavy Duty, DIN 19580 Class E-135,000 lbs - 2,788 psi For commercial solid tire traffic patterns, forklifts and impacts from steel struts or metal wheels.

9931BS



ENGINEER'S SEAL

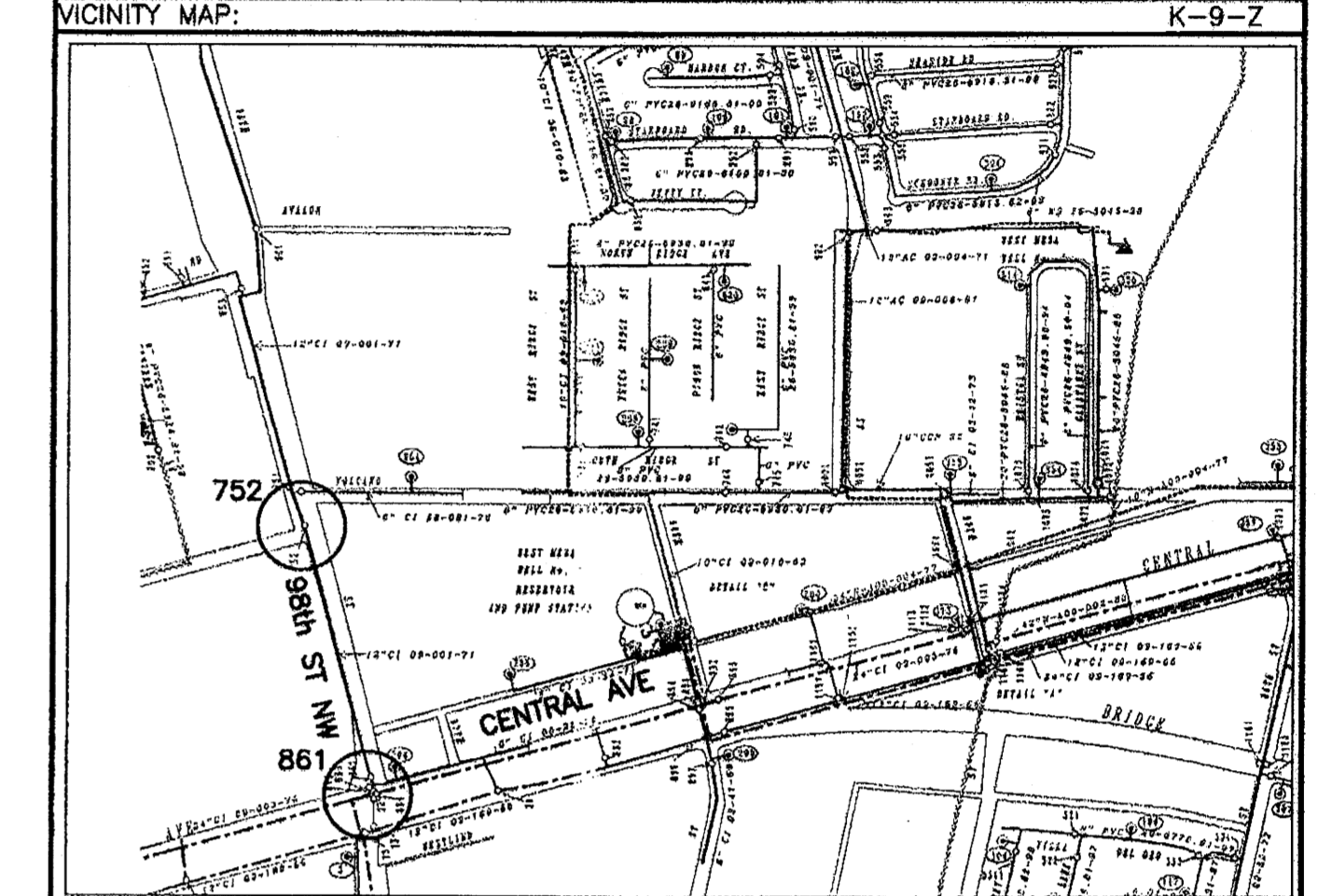
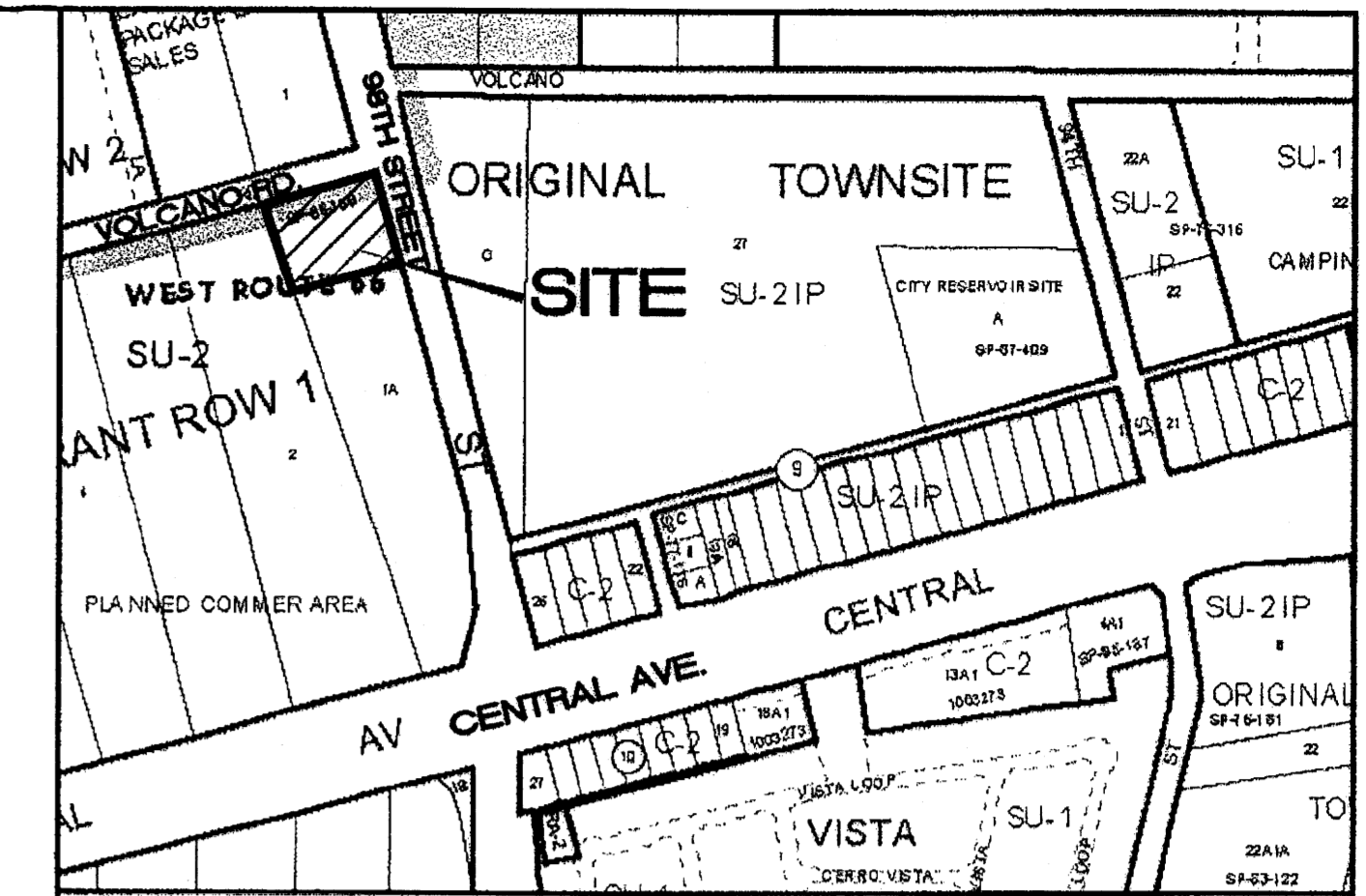
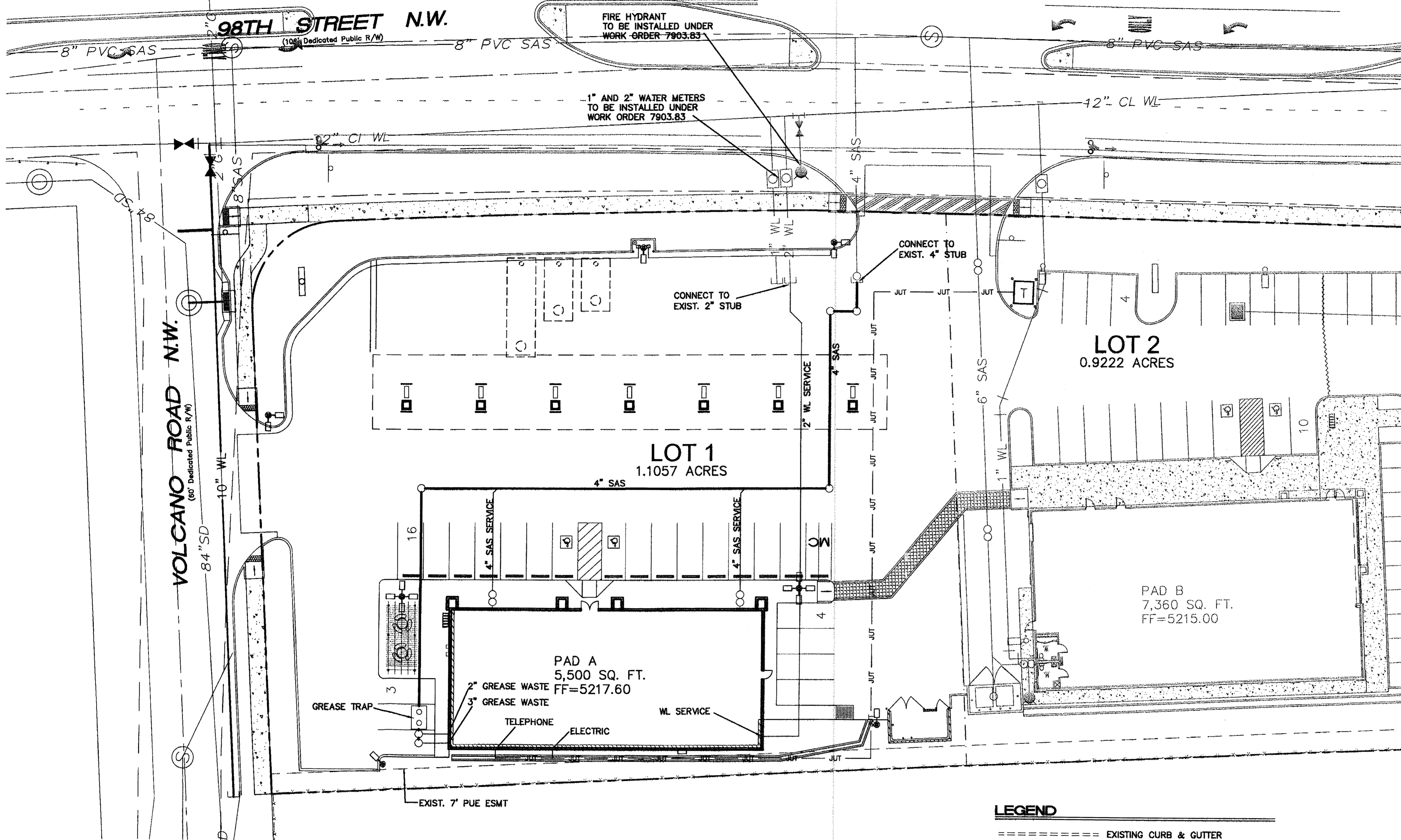
VALERO CORNER STORE STORE #1243 VALERO RETAIL HOLDINGS, INC

CONSTRUCTION DETAILS

TERRA WEST, LLC 5571 MIDWAY PARK PLACE NE ALBUQUERQUE, NM 87109 (505) 858-3100

RONALD R. BOHANNAN P.E. #7868

DRAWN BY pm DATE 11/27/07 2774-DETAILS SHEET # C4A JOB # 27074



WATER SHUT-OFF PLAN SHUT OFF VALVES # 752, 861

WATER SHUT-OFF NOTE

1. ONLY WATER SYSTEMS PERSONNEL WITH COA ARE AUTHORIZED TO OPERATE VALVES.
2. NOTIFY CITY OF ALBUQUERQUE WATER SYSTEM DIVISION (PH 857-8200) SEVEN (7) WORKING DAYS IN ADVANCE OF EXECUTION OF WATER SHUT OFF PLAN.
3. APPROXIMATE SHUT OFF TIME WILL BE 24 HOURS.
4. ALL WATERLINES TO BE PVC, UNLESS OTHERWISE NOTED.

NOTICE TO CONTRACTORS

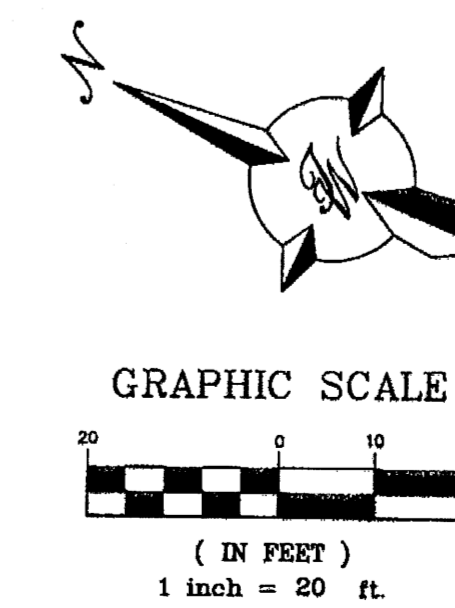
1. AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY. AN APPROVED COPY OF THESE PLANS MUST BE SUBMITTED AT THE TIME OF APPLICATION FOR THIS PERMIT.
2. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF ALBUQUERQUE INTERIM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
3. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 765-1234, FOR LOCATION OF EXISTING UTILITIES.
4. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL CONSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
5. BACK FILL COMPACTION SHALL BE ACCORDING TO RESIDENTIAL STREET USE.
6. MAINTENANCE OF THESE FACILITIES SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY SERVED.
7. WORK ON ARTERIAL STREETS SHALL BE PERFORMED ON A 24-HOUR BASIS.

GENERAL NOTES:

1. 4\"/>

LEGEND

- ===== EXISTING CURB & GUTTER
- BOUNDARY LINE
- - - - - EXISTING BOUNDARY LINE
- - - - - EASEMENT
- ===== PROPOSED RETAINING WALL
- ===== PROPOSED SIDEWALK
- EX. SD--- EXISTING STORM SEWER LINE
- EX. SAS EXISTING SANITARY SEWER LINE
- EX. SAS EXISTING SAS MANHOLE
- EX. WL--- EXISTING WATER LINE
- EX. GAS EXISTING GAS
- 6\"/>



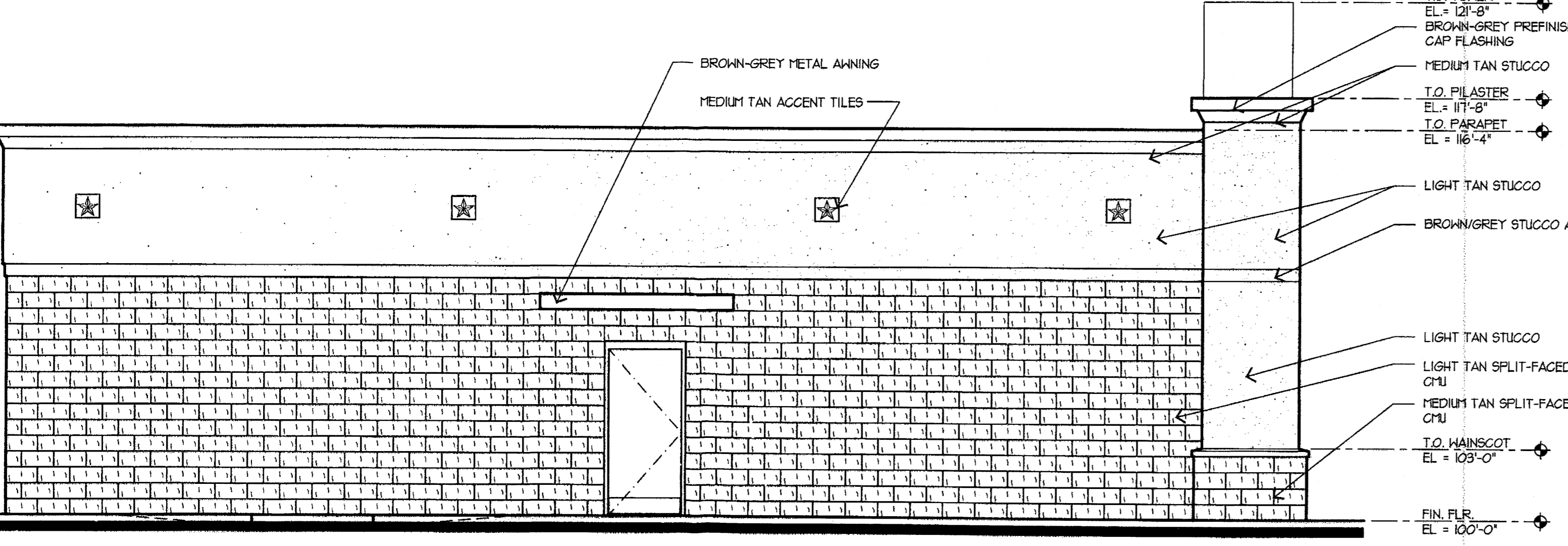
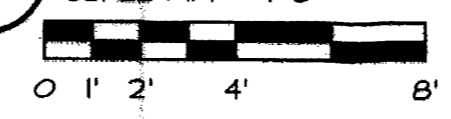
CAUTION:

ALL EXISTING UTILITIES SHOWN WERE OBTAINED FROM RESEARCH, AS-BUILTS, SURVEYS OR INFORMATION PROVIDED BY OTHERS. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO AND INCLUDING ANY EXCAVATION, TO DETERMINE THE ACTUAL LOCATION OF UTILITIES AND OTHER IMPROVEMENTS, PRIOR TO STARTING THE WORK. ANY CHANGES FROM THIS PLAN SHALL BE COORDINATED WITH AND APPROVED BY THE ENGINEER.

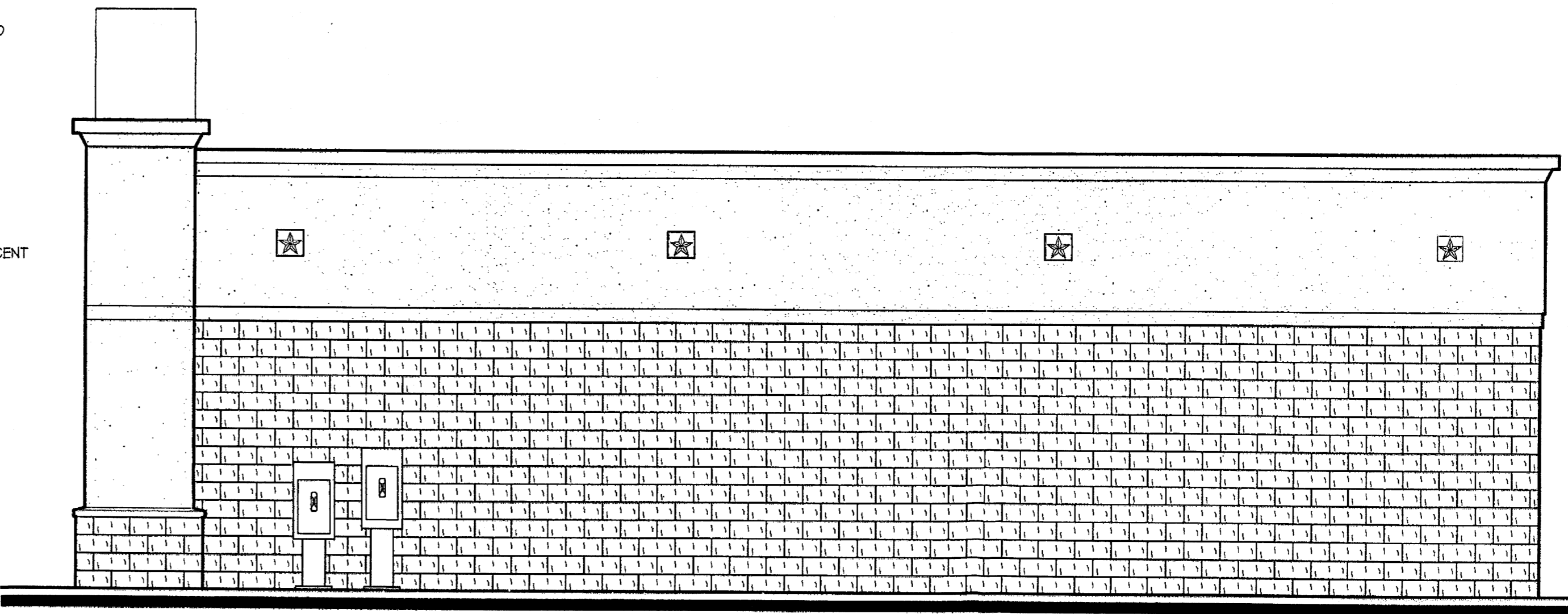
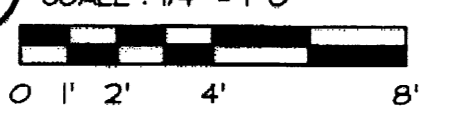
<p>RONALD R. BOHANNON P.E. #7868</p>	<p>VALERO CORNER STORE STORE #1243 VALERO RETAIL HOLDINGS, INC.</p>	<p>DRAWN BY pm</p>
	<p>MASTER UTILITY PLAN</p>	<p>DATE 9/26/07</p>
<p>TIERRA WEST, LLC 5571 MIDWAY PARK PLACE NE ALBUQUERQUE, NM 87109 (505) 858-3100</p>	<p>SHEET # C5</p>	<p>JOB # 27074</p>



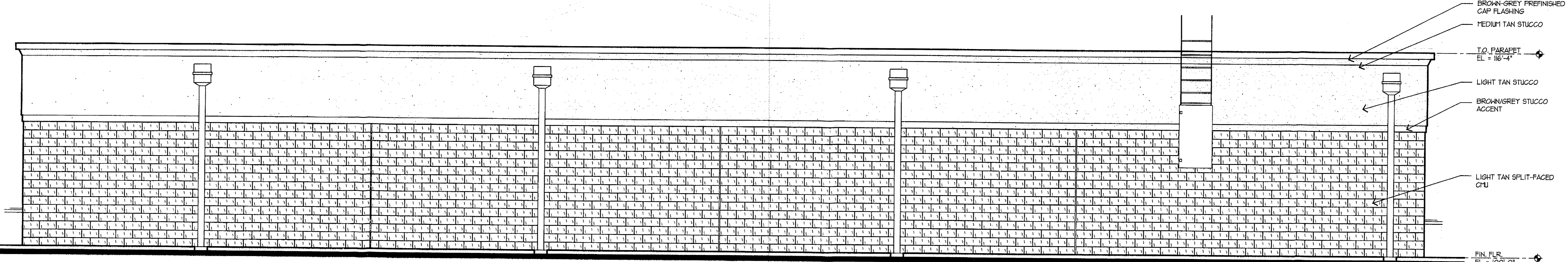
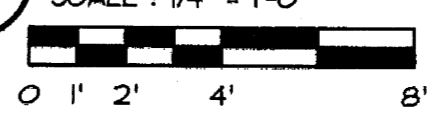
1 EAST ELEVATION
SCALE: 1/4" = 1'-0"



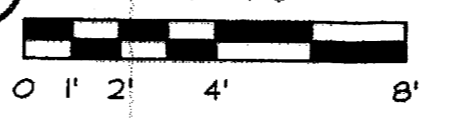
2 SOUTH ELEVATION
SCALE: 1/4" = 1'-0"



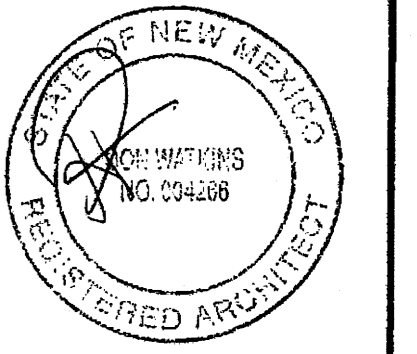
3 NORTH ELEVATION
SCALE: 1/4" = 1'-0"



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



CA
solutions
3436 New Castle Dr.
Loveland, CO 80538
phone/fax: 970.593.6656
www.cadsolution.net



PREPARED FOR:
VALERO CORNER STORE
STORE #1243
98th & VOLCANO
ALBUQUERQUE, NEW MEXICO

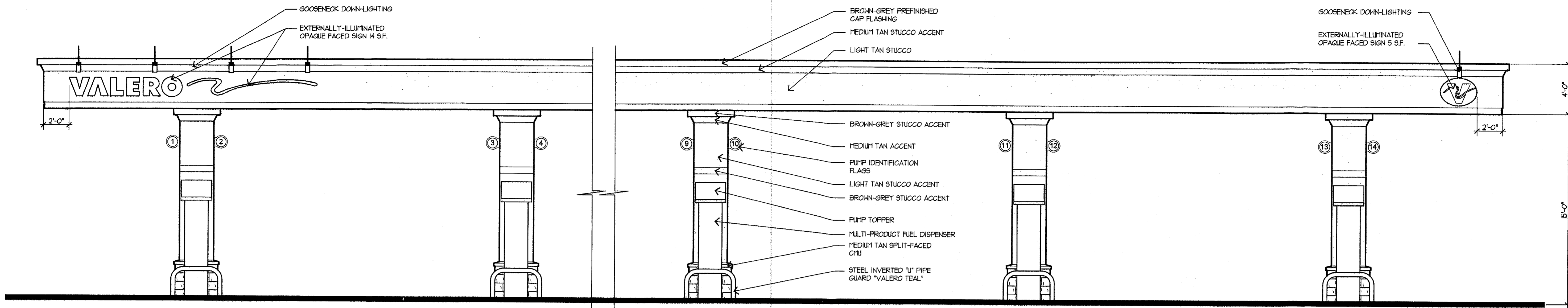


Valero Retail Holdings, Inc.
One Valero Way
San Antonio, TX 78249-1616

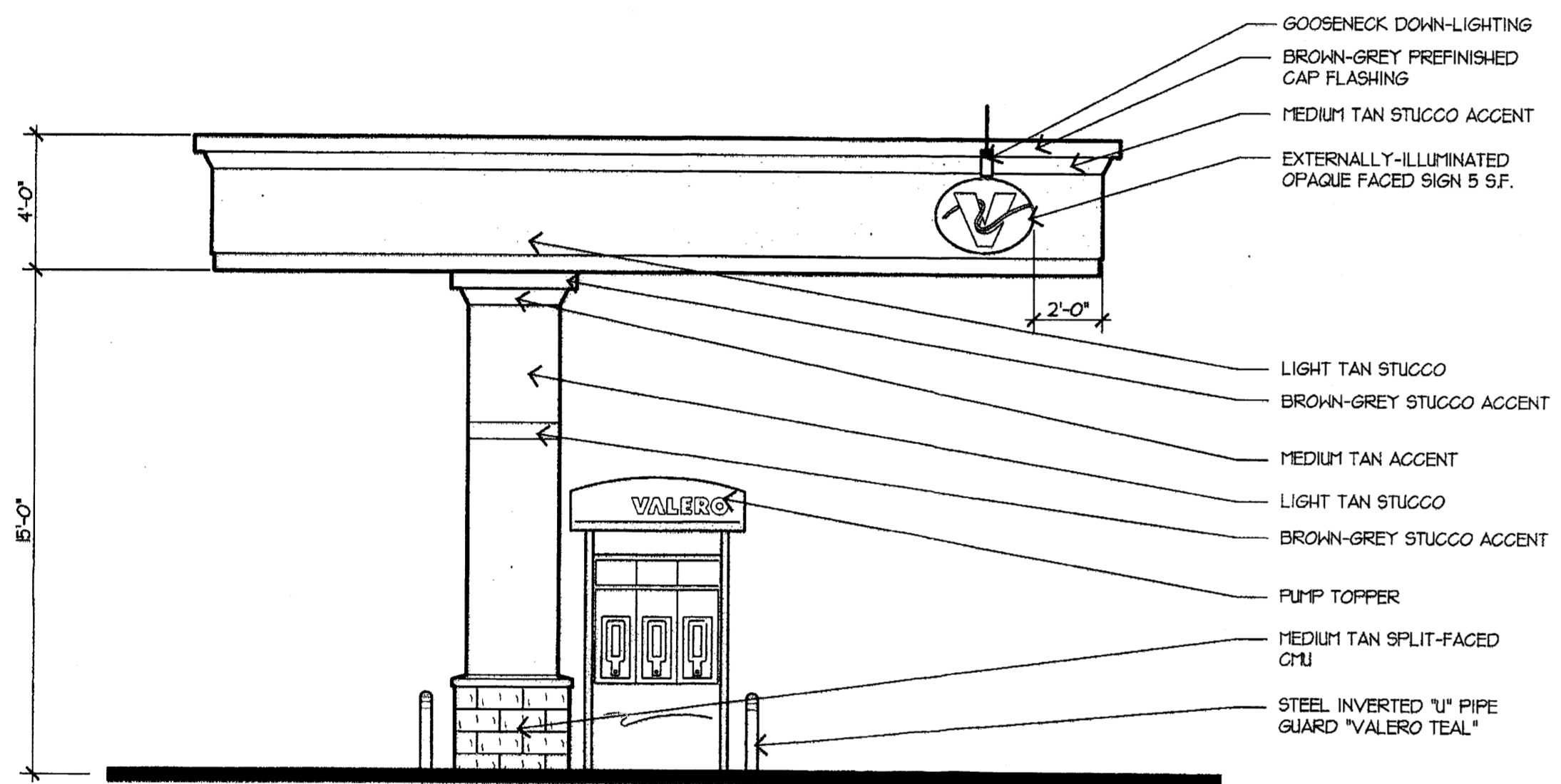
ISSUE	DATE

PROJECT #0284-07
DRAWN BY: CS
CHECK BY:
SHEET TITLE:
C-STORE ELEVATIONS

DRAWING NO:
C6



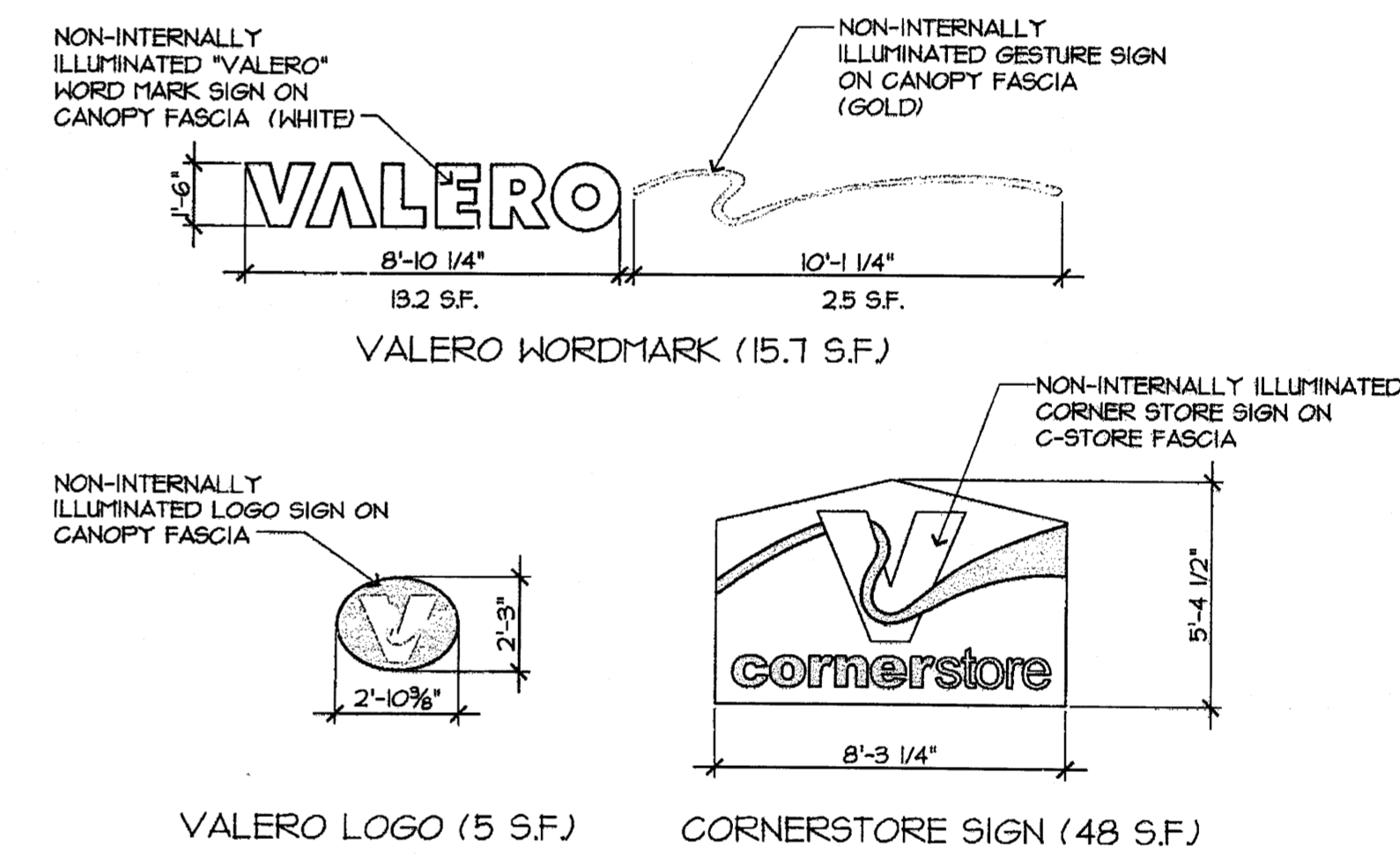
1 EAST ELEVATION
SCALE: 1/4" = 1'-0"
0' 1' 2' 4' 8'



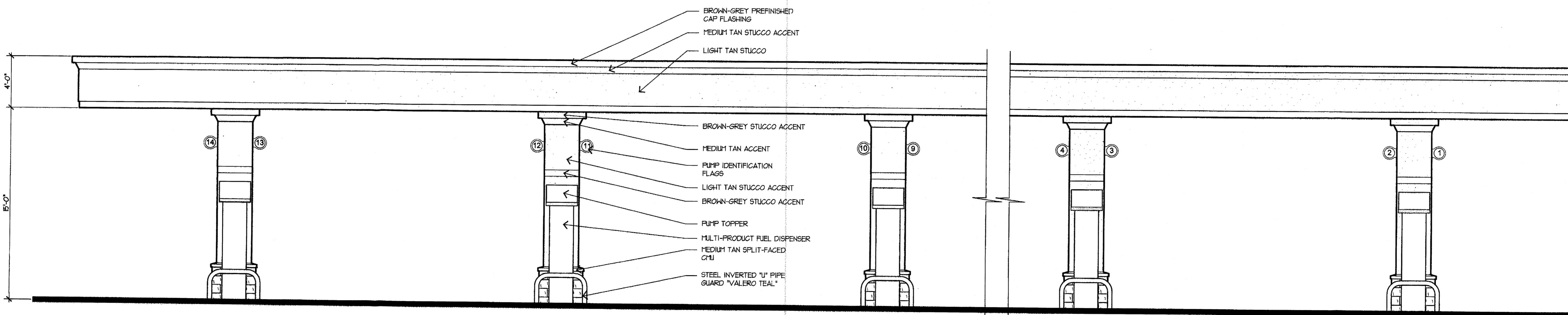
2 SOUTH ELEVATION
SCALE: 1/4" = 1'-0"
0' 1' 2' 4' 8'



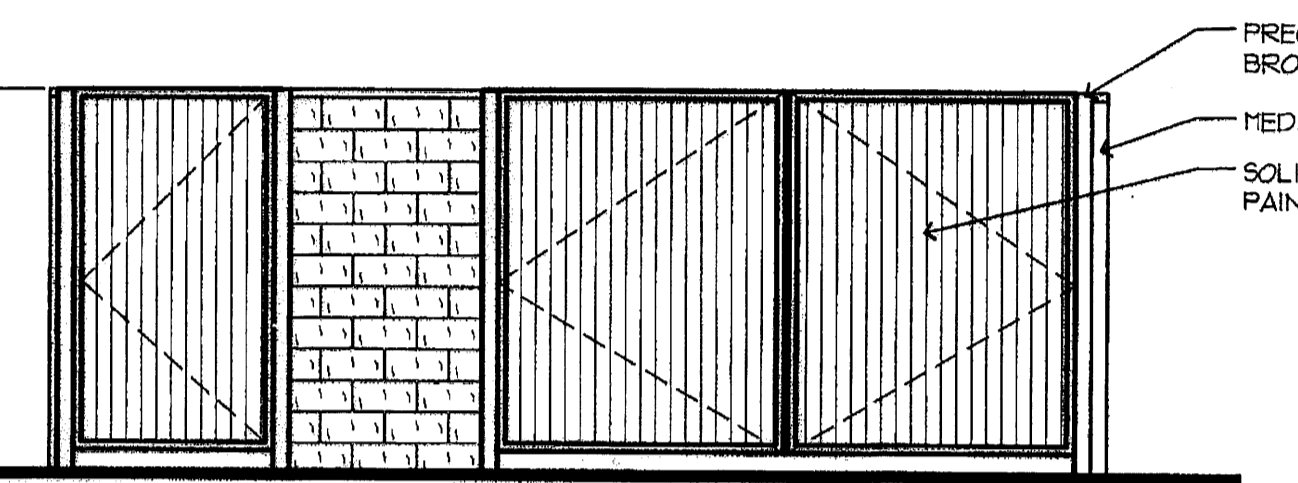
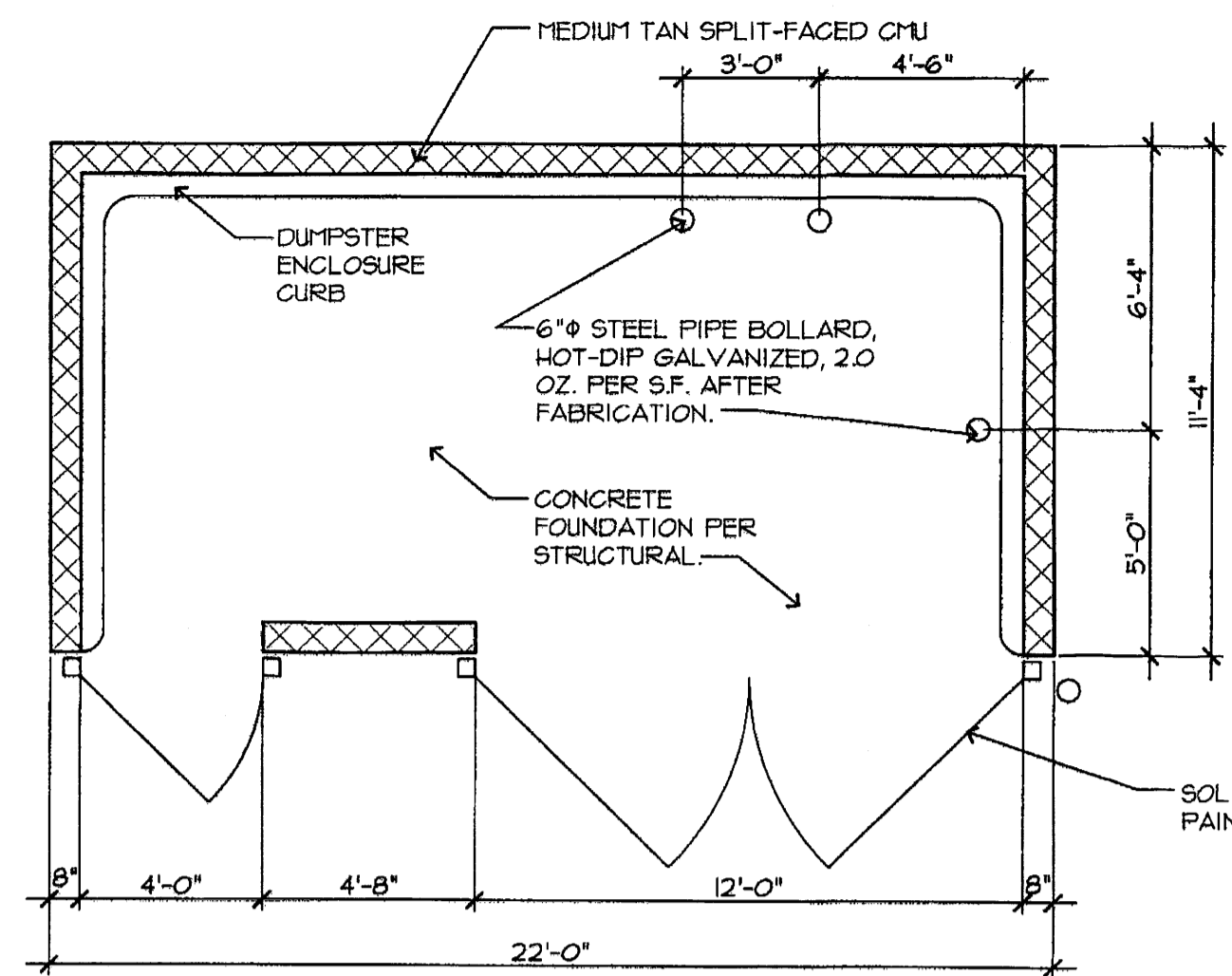
3 NORTH ELEVATION
SCALE: 1/4" = 1'-0"
0' 1' 2' 4' 8'



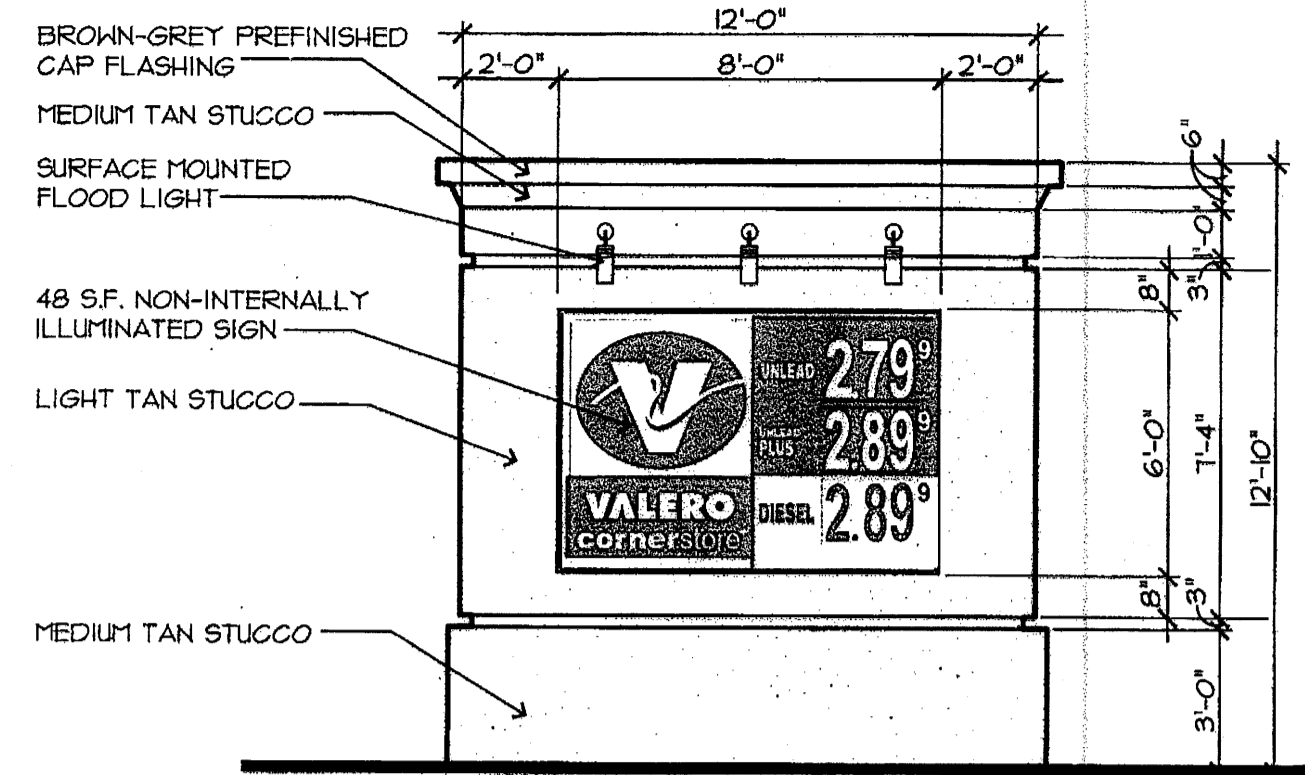
SIGNAGE ELEVATIONS
SCALE: 1/4" = 1'-0"



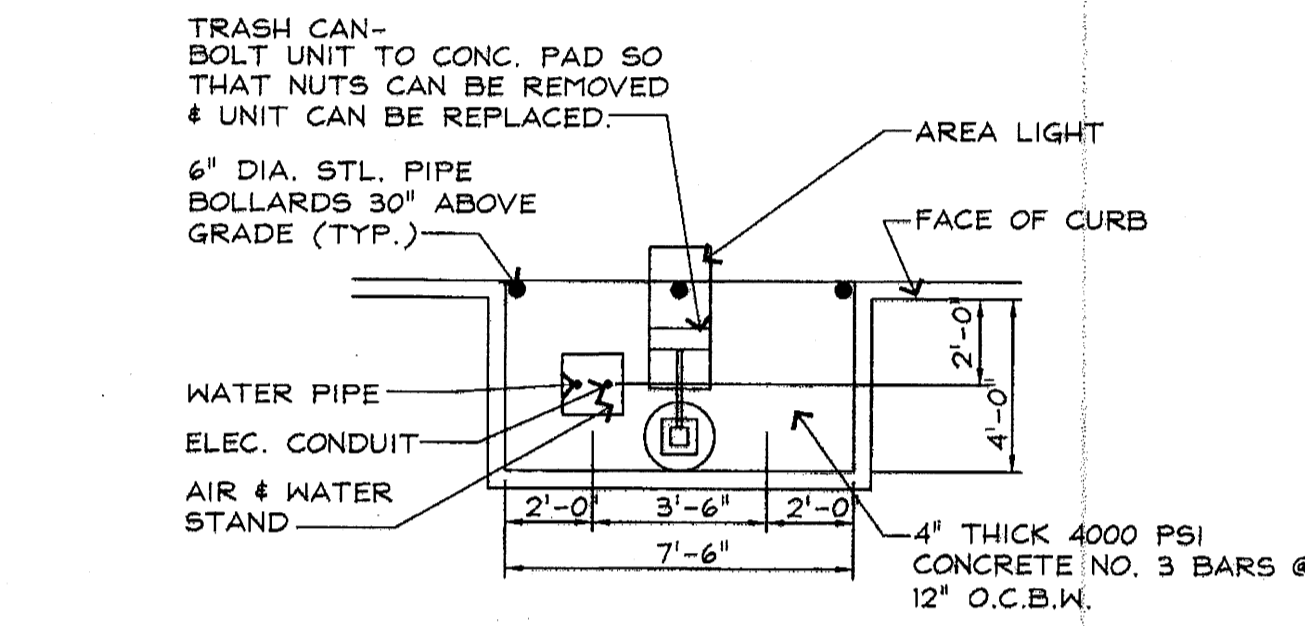
4 WEST ELEVATION
SCALE: 1/4" = 1'-0"
0' 1' 2' 4' 8'



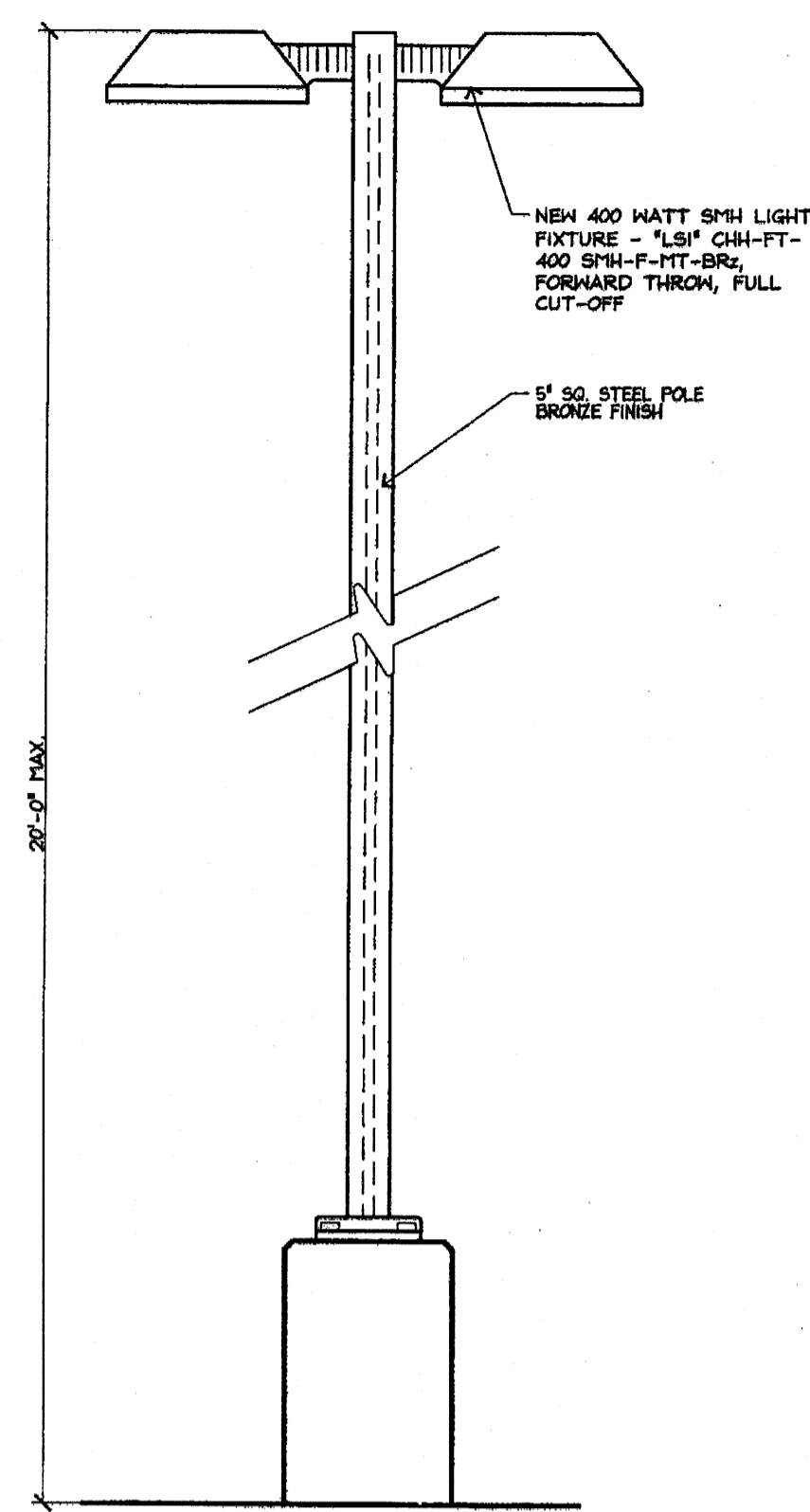
1 DUMPSTER ENCLOSURE DETAIL
SCALE: 1/4" = 1'-0"



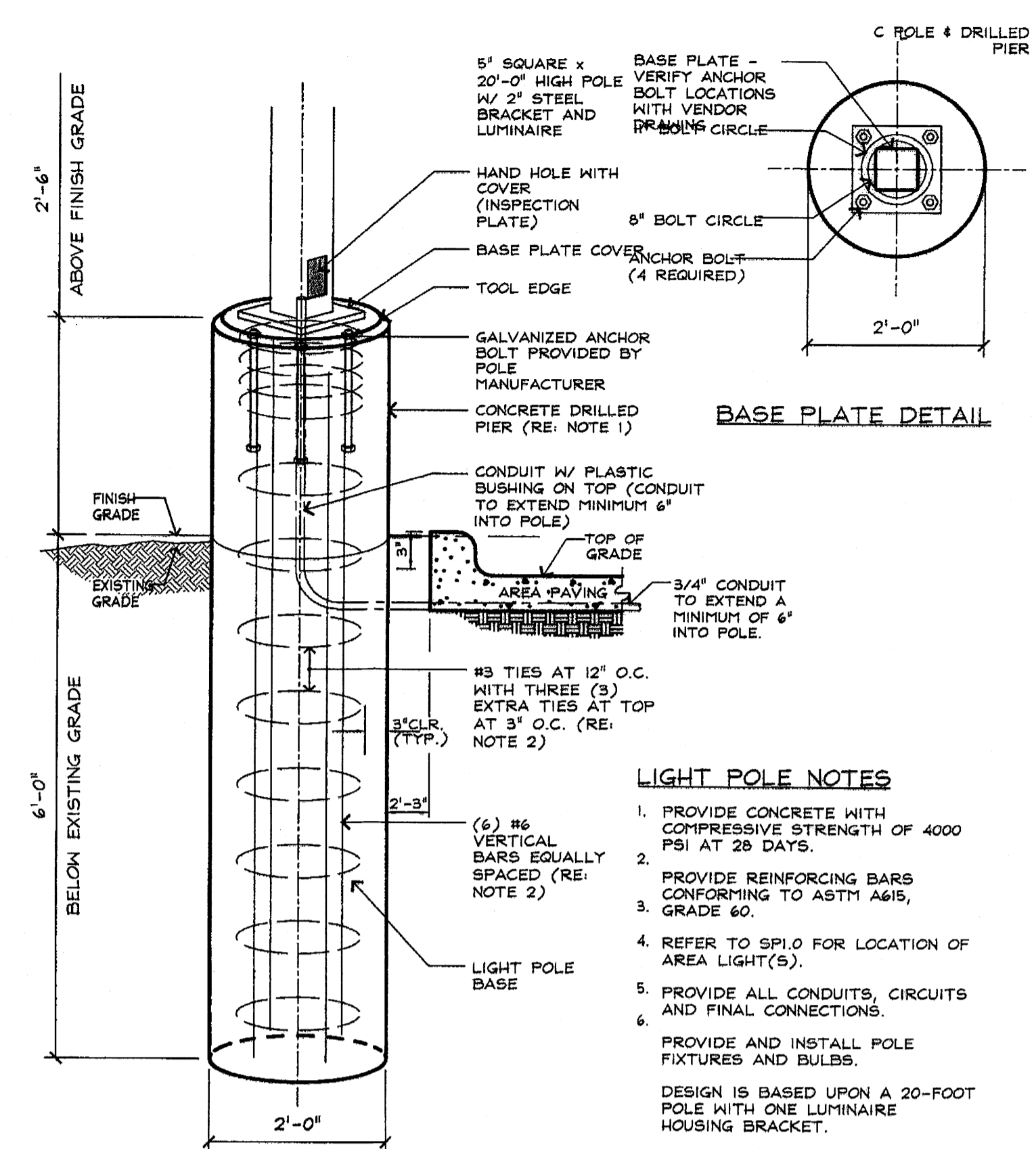
2 ID / PRICE SIGN ELEVATION
SCALE: 1/4" = 1'-0"



3 DETAIL @ AIR / WATER STAND
SCALE: NTS



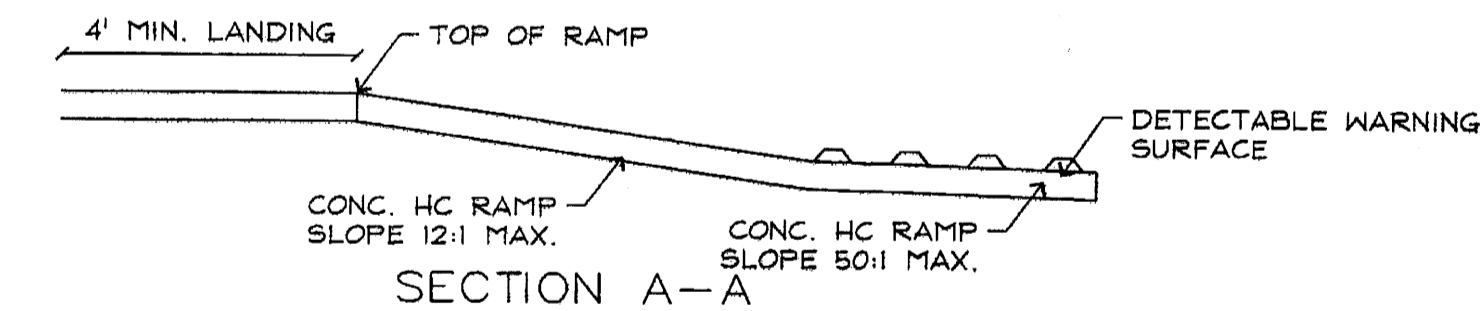
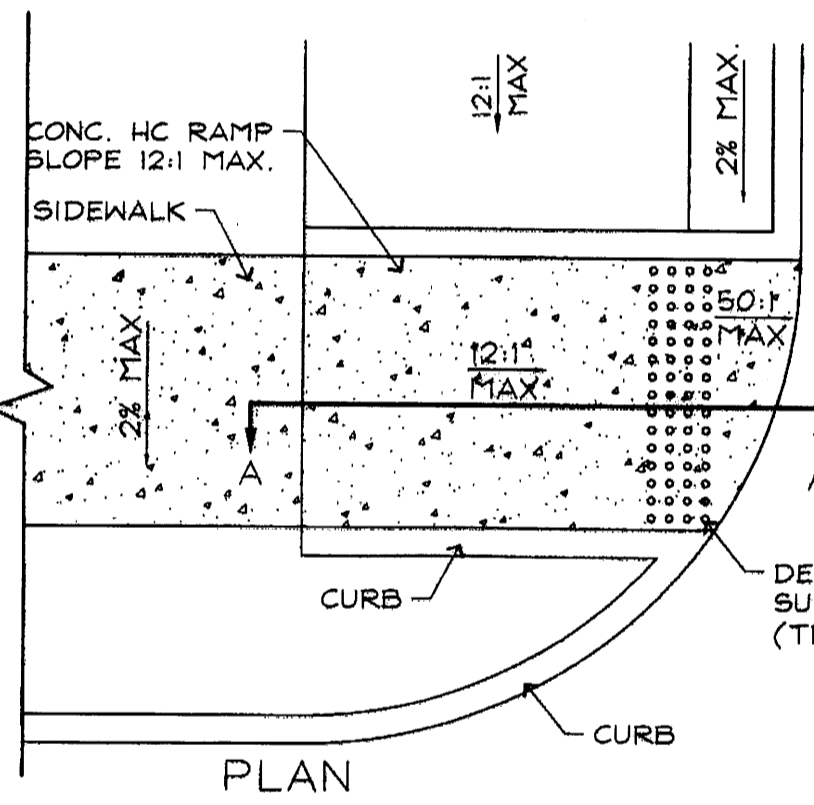
4 AREA LIGHT ELEVATION
SCALE: NTS



5 AREA LIGHT FOOTING
SCALE: NTS

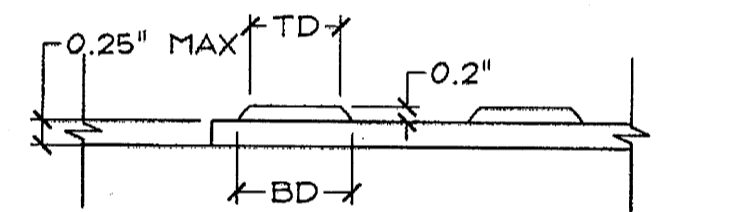
LIGHT POLE NOTES

1. PROVIDE CONCRETE WITH COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS.
2. PROVIDE REINFORCING BARS CONFORMING TO ASTM A615, GRADE 60.
3. REFER TO S91.0 FOR LOCATION OF AREA LIGHT(S).
4. PROVIDE ALL CONDUITS, CIRCUITS AND FINAL CONNECTIONS.
5. PROVIDE AND INSTALL POLE FIXTURES AND BULBS.
6. DESIGN IS BASED UPON A 20'-FOOT POLE WITH ONE LUMINAIRE HOUSING BRACKET.

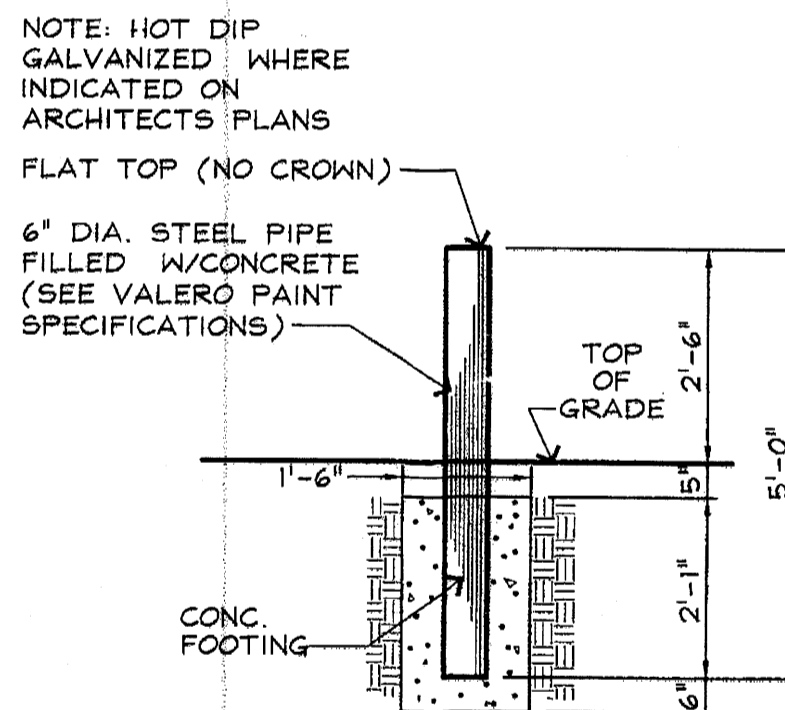
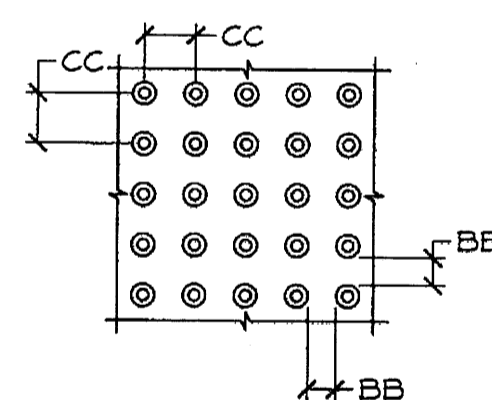


NOTES:

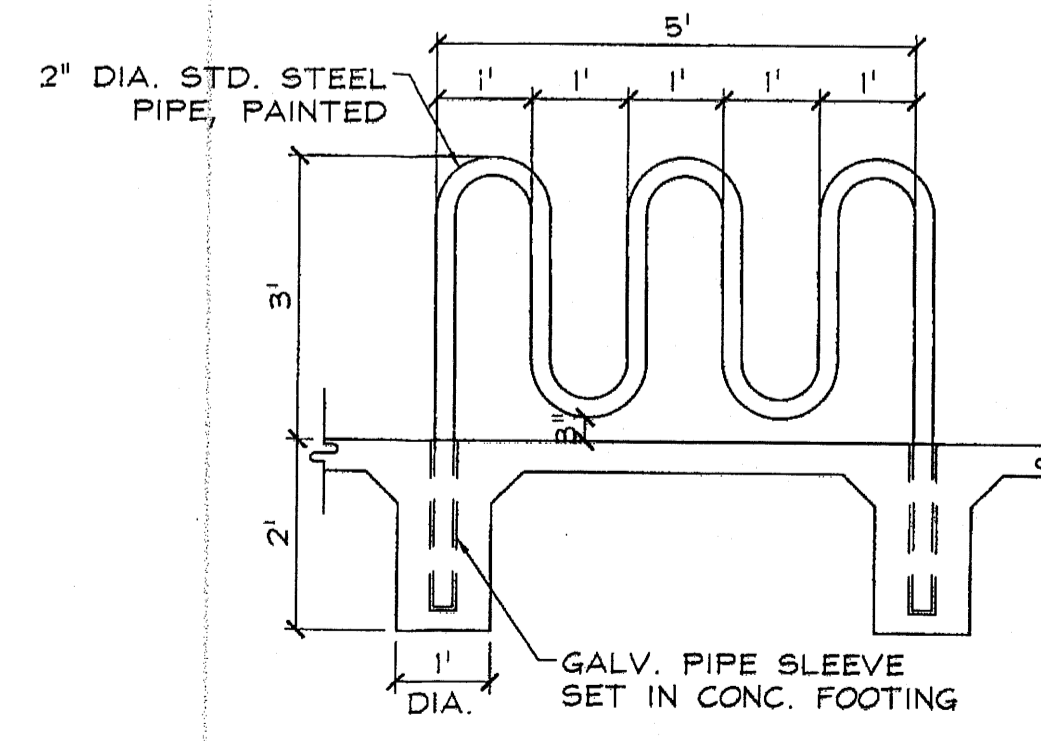
1. WHEELCHAIR RAMP AS C.O.A. STD DWG 2441 CASE II, EXCEPT THE RAMP WIDTH WILL VARY TO MEET A 12:1 SLOPE; 7' MIN REQ.
2. THE SURFACE OF RAMP AND SIDES SHALL HAVE A TRANSVERSE BROOMED SURFACE TEXTURE ROUGHER THAN THE SURROUNDING SIDEWALK.
3. DESIGN PER A.D.A. SPECIFICATIONS.
4. SUBMIT SPECIFICATIONS TO CITY CONSTRUCTION ENGINEER FOR EVALUATION PRIOR TO CONSTRUCTION.



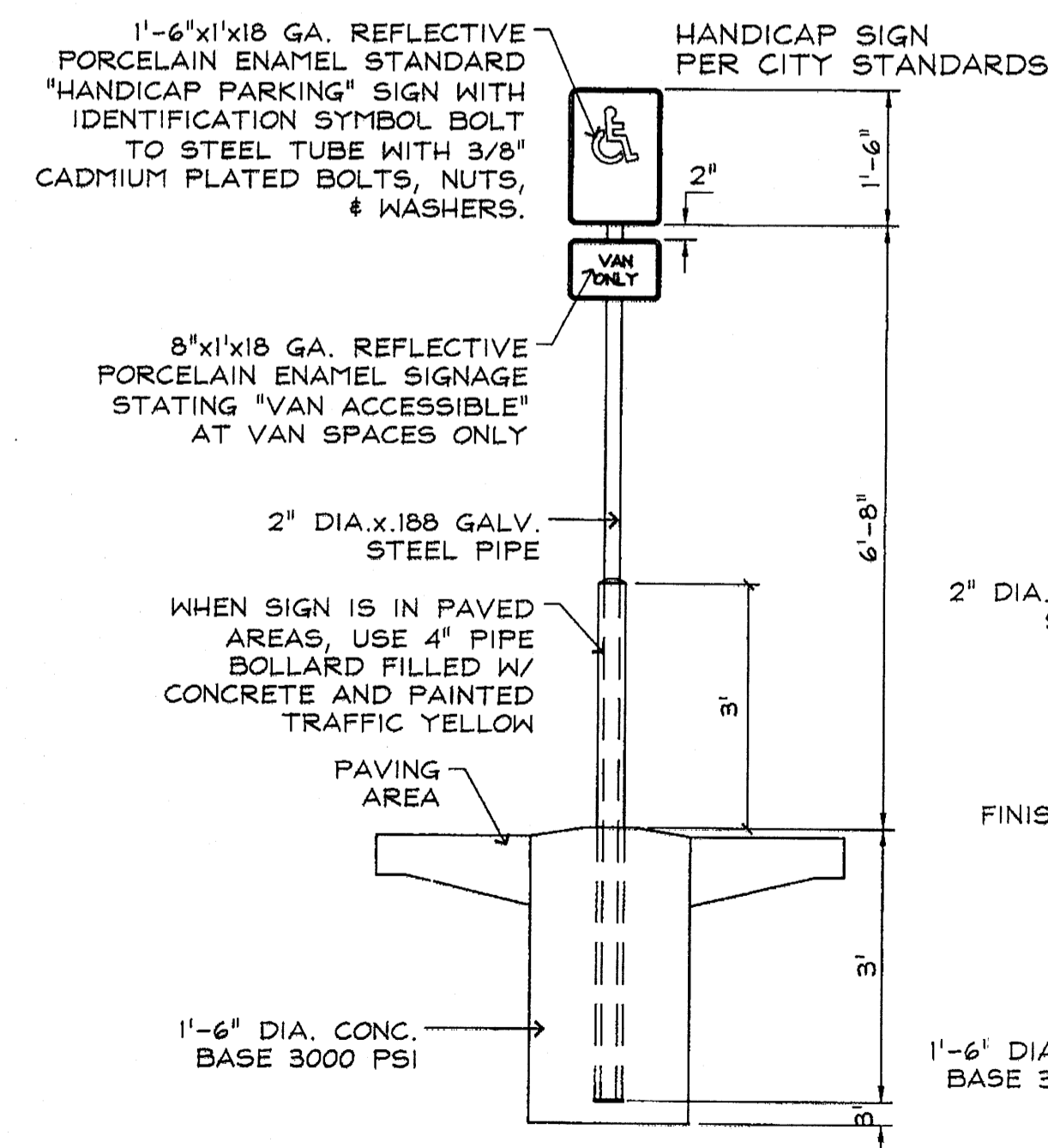
DOME SPACING
CC - CENTER TO CENTER SPACING 2.35" BB - BASE TO BASE SPACING 1.48" MIN



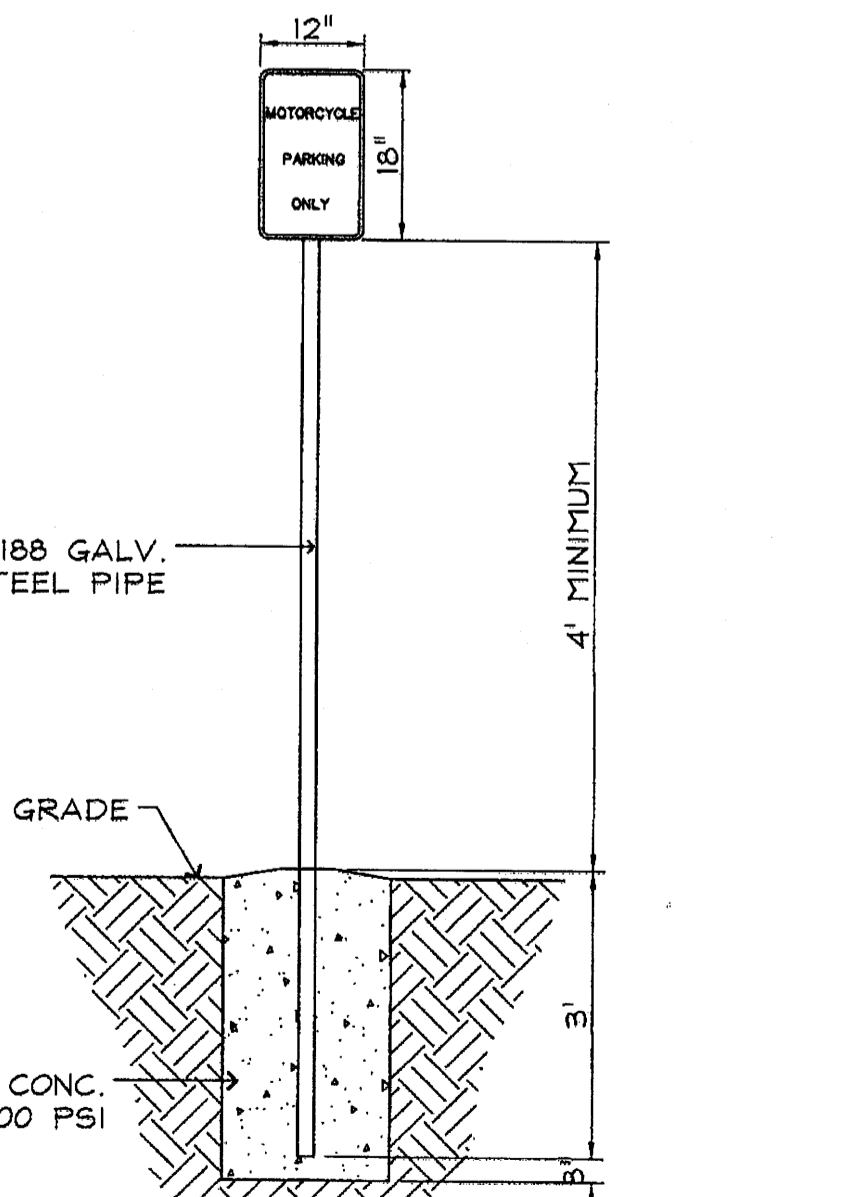
7 PIPE BOLLARD DETAIL
SCALE: NTS



9 BIKE RACK DETAIL
SCALE: 1/2" = 1'-0"

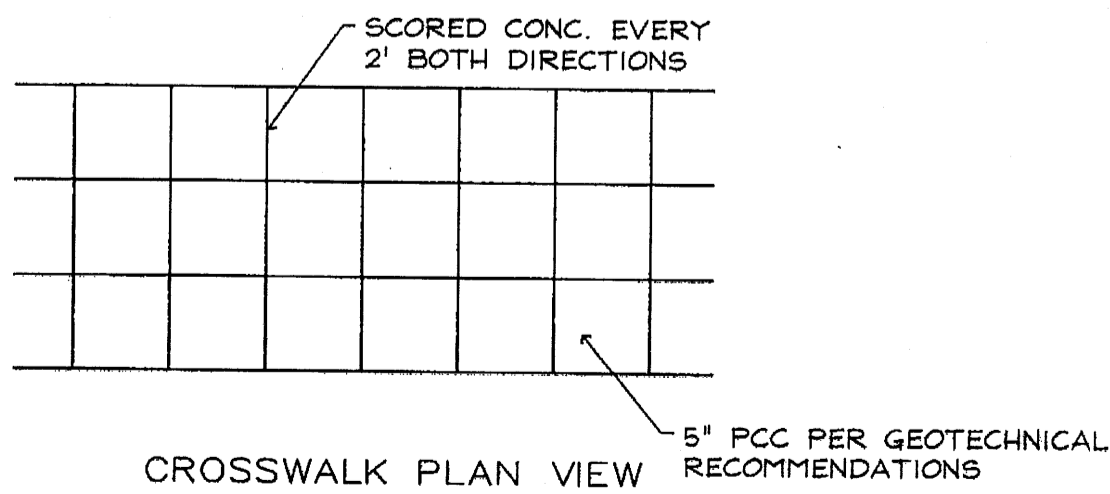
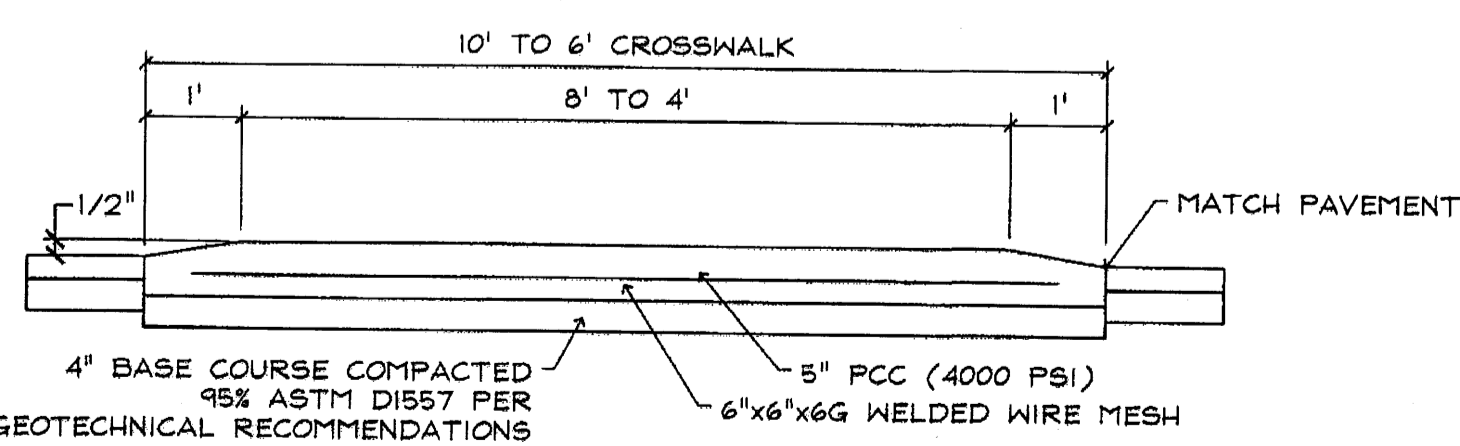


10 HANDICAP SIGN
SCALE: NTS



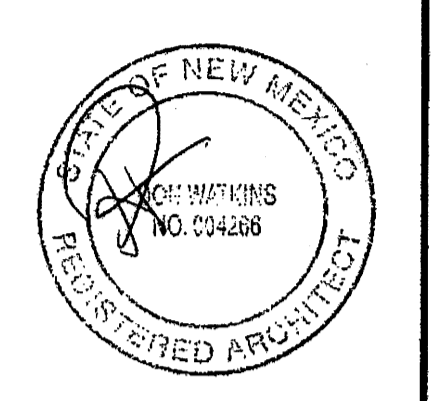
11 MOTORCYCLE PARKING SIGN
SCALE: NTS

6 UNIDIRECTION HC RAMP
SCALE: NTS



8 RAISED CROSSWALK
SCALE: NTS

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Valero Retail Holdings, Inc.
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San Antonio, TX 78249-1616

ISSUE	DATE

PROJECT #0284-07
DRAWN BY: CS
CHECK BY:
SHEET TITLE:
DETAILS

DRAWING NO: