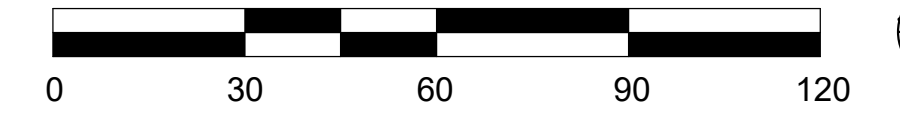
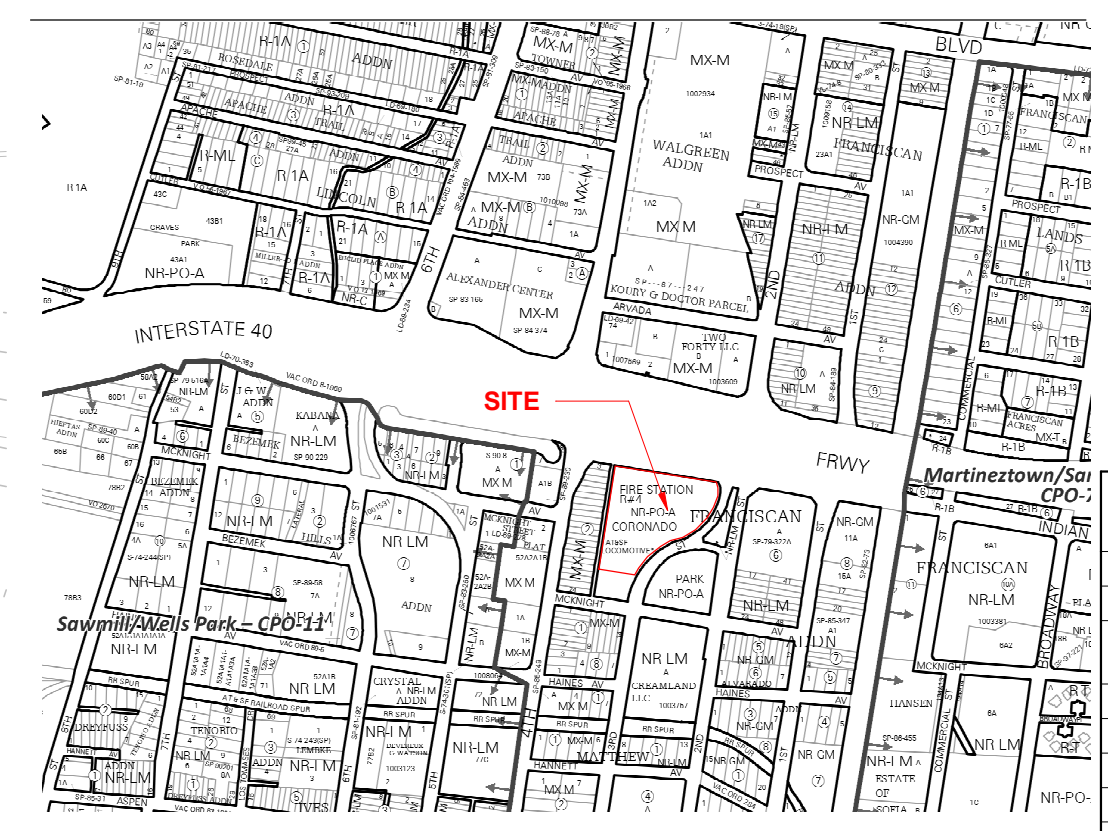


A1 SITE PLAN
Scale: 1" = 30'-0"



VICINITY MAP



PROJECT NUMBER: PR-2024-010349
Application Number: SI-2024-00677

This plan is consistent with the specific Site Development Plan approved by the Environmental Planning Commission (EPC) dated JUNE 20TH 2024 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.

DFT SITE DEVELOPMENT PLAN APPROVAL:

Traffic Engineering, Transportation Division
ABCWUA
Parks and Recreation Department
Hydrology
Code Enforcement
*Environmental Health Department (conditional)
Herman Gallegos <i>Herman Gallegos</i> 07-12-24 Solid Waste Management
Planning Department

SITE DATA

LEGAL DESCRIPTION:
PORT OF CORONADO PARK LESS PORT TO RW FRANCISCAN ADDN.
UFC: 10140593131141604
SIZE: 4.09 ACRES

EXISTING ZONING: NR-PO-A
PROPOSED ZONING: NR-SU
PROPOSED LAND USE: FIRE STATION

PEDESTRIAN AND VEHICLE ACCESS: PRIMARY VEHICULAR AND PEDESTRIAN ACCESS IS FROM 3RD STREET. A NEW 6 FOOT SIDEWALK WILL BE CONSTRUCTED TO CONNECT TO THE EXISTING ONE ALONG 3RD STREET, WITH PEDESTRIAN CONNECTIONS FROM THE SIDEWALK TO THE BUILDINGS.
BUS ROUTES: ROUTE 7 ALONG 3RD STREET, WITH A PEAK FREQUENCY OF 30 MINUTES; AND ROUTE 13 ALONG 3RD STREET, WITH A PEAK FREQUENCY OF 40 MINUTES.

PARKING REQUIREMENTS

PARKING CALCULATIONS
PARKING SPACES:
PER IDO TABLE 5-5-1 MINIMUM OFF STREET PARKING REQUIREMENTS:
• FIRE STATION: 2 SPACES PER 1,000 SQ. FT. GFA

TOTAL REQUIRED:
FIRE STATION #4: 11,169 SF, SO (11,169/1000)*2 = 23 SPACES
(EXISTING) FIRE STATION #4 (TO BE USED AS TRAINING/OFFICE SPACE): 8,105 SF, SO (8,105/1000)*2 = 16.21 = 17 SPACES

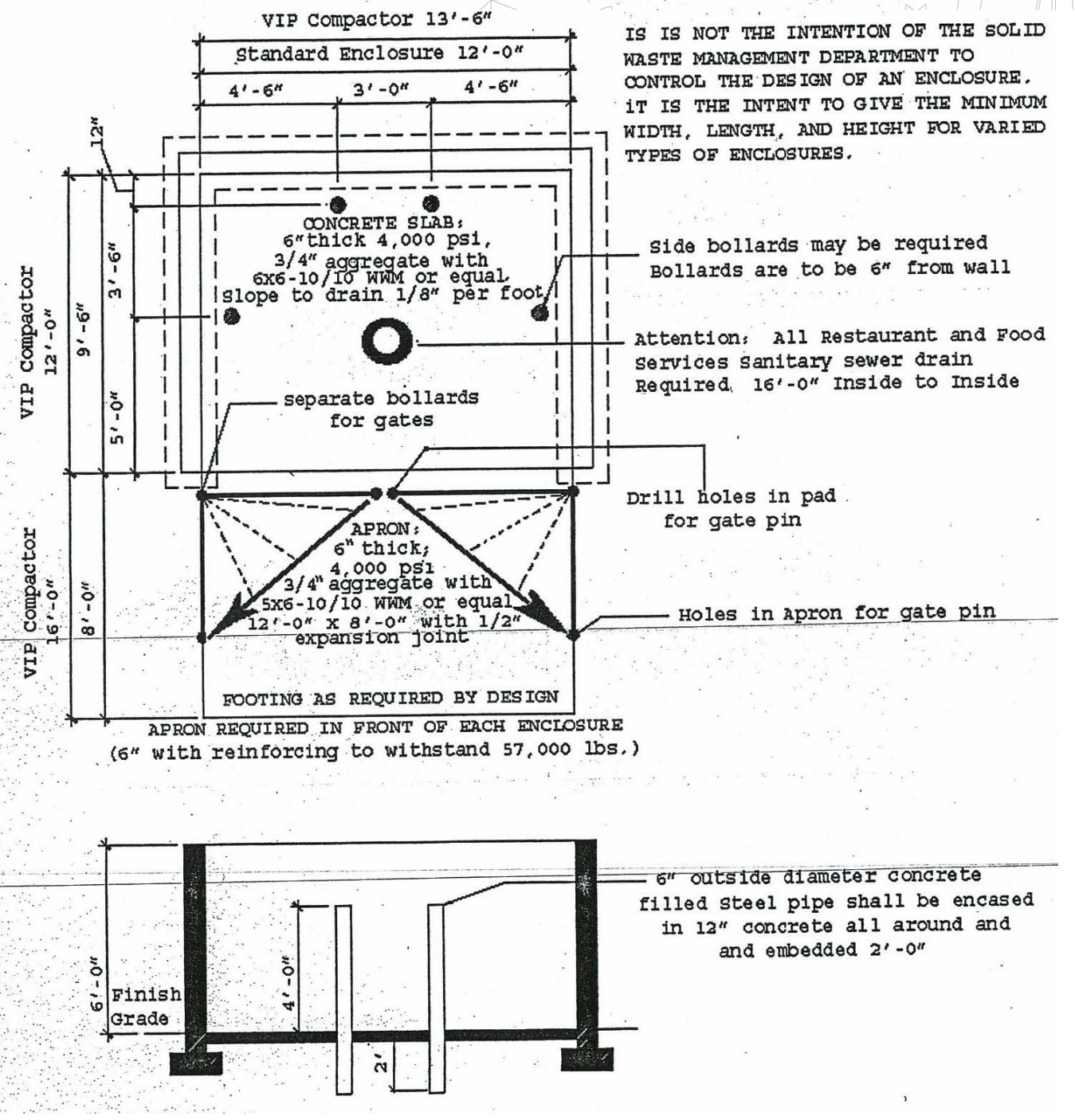
TOTAL PROVIDED:
41 SPACES TOTAL ON SITE, OF WHICH 2 ARE HC ACCESSIBLE

MOTORCYCLE SPACES:
PER IDO 5-5(D)(1)

TOTAL REQUIRED - 2
TOTAL PROVIDED - 2

BICYCLE SPACES:
PER IDO TABLE 5-5-5 OF IDO MINIMUM BICYCLE PARKING REQUIREMENTS -
3 SPACES OR 10% OF REQUIRED OFF STREET PARKING SPACES, WHICHEVER IS GREATER, IS REQUIRED.

TOTAL REQUIRED - 5
TOTAL PROVIDED - 6



DUMPSTER ENCLOSURE DETAIL



Approved for access by the Solid Waste Department. All containers must be made accessible for pick up between the hours of 8AM and 8PM.
Reviewer: *Herman Gallegos*
Date: 07-12-24
Hazard Route
Access code will be provided

SHEET KEYNOTES AS-100S

1	PROPOSED ENTRY DOOR
2	NEW 30' FLAGPOLE W/ INTEGRAL LIGHT, TYP. OF 3 SEE C3/AS-502
3	REFUSE ENCLOSURE COMPLIANT WITH CABQ STANDARDS SEE DETAIL B5/AS-501 + C3/AS-501
4	EXISTING SIDEWALK TO REMAIN
5	NEW 16' LIGHTPOLE
6	HANDICAP PARKING PER CABQ STANDARD
7	MOTORCYCLE PARKING
8	COVERED PATIO WITH LOOSE FURNITURE, 613 SF
9	PROPOSED 85' REFUSE VEHICLE CLEARANCE
10	ADA ACCESS PATH (163 FT TOTAL PATH FROM ROW)
11	ACCESSIBLE SIDEWALK RAMP WITH ADA TRUNCATED DOME MAT PER CABQ STD DTL 2443 SEE A1/AS-503
12	ADA ACCESS PATH (188 FT TOTAL PATH FROM ADA PARKING)
13	ACCESSIBLE HANDICAP PARKING SIGN WITH WITH CABQ STD LANGUAGE SIGN SEE A2/AS-502
14	EXISTING STREET LIGHT TO REMAIN
15	PAVEMENT DIRECTION MARKERS SEE A4/AS-503
16	ACCESSIBLE DRIVEPAD RAMP WITH ADA TRUNCATED DOME MAT PER CABQ STD DTL 2443 DETAIL C
17	EXISTING TRANSFORMER TO REMAIN
18	EXISTING ELECTRICAL POWER BOX TO REMAIN
19	NEW CABQ STANDARD "DO NOT ENTER" SIGN
20	NEW STANDARD "OFFICIAL VEHICLES ONLY BEYOND THIS POINT" SIGN
21	NEW BICYCLE RACK SEE B3/AS-501
22	6" CURB AND GUTTER PER CABQ STD DETAIL TYP
23	CROSSWALK STRIPES: INTEGRALLY COLORED CONCRETE- CAST FLUSH W/ ADJACENT- COLOR TO BE GOLD YELLOW INTEGRAL CONCRETE- 2X6' STRIPES EA. AT 2' APART TO EXTENTS SHOWN
24	PROPOSED EXIT DOOR LOCATION
25	CLEAR SIGHT TRIANGLE PER CABQ DPM 7.4.93
26	PROPERTY LINE
27	GENERATOR ENCLOSURE
28	EXISTING SITE FENCE
29	RE-USED SITE FENCE INSTALLATION
30	EXISTING CURB ISLAND TO REMAIN IN PLACE
31	EXISTING DRIVEPAD ENTRANCE TO REMAIN BUT WIDEN TO EXTENTS SHOWN
32	EXISTING DRIVEPAD ENTRANCE TO REMAIN BUT REPLACE ENTERING CURB RADI TO EXTENTS SHOWN
33	RE-USED EXISTING GATE - CONTRACTOR TO CONFIRM AND PROCURE NECESSARY PARTS TO COMPLETE RELOCATION, INCLUDING ELECTRIC OPERATOR WITH MAGNETIC INDUCTION LOOP IN PAVEMENT ON SECURE SIDE AND A PEDESTAL KEYPAD ON UNSECURED SIDE COORDINATE POWER CONDUITS AND ANY COMMUNICATION REQUIREMENTS FULLY WITH OPERATOR UNIT MFR.
34	NEW GATE INSTALLATION TO MATCH EXISTING - CONTRACTOR TO PROVIDE ELECTRIC OPERATOR WITH MAGNETIC INDUCTION LOOP IN PAVEMENT ON SECURE SIDE AND A PEDESTAL KEYPAD ON UNSECURED SIDE COORDINATE POWER CONDUITS AND ANY COMMUNICATION REQUIREMENTS FULLY WITH OPERATOR UNIT MFR.
35	6" ROLLED CURB & GUTTERS SEE CIVIL
36	EXISTING CONCRETE DRIVEPAD TO REMAIN
37	TRANSFORMER ENCLOSURE
38	NEW FIRE HYDRANT

LEGEND

	PROPOSED LIGHT POLE
	PROPOSED BUILDING
	EXISTING BUILDING
	PAVED ASPHALT
	EXISTING PAVED ASPHALT
	PAVED CONCRETE
	LANDSCAPE AREA
	PROPOSED 10' WIDE ELECTRICAL EASEMENT
	STEEL ORNAMENTAL FENCE TO MATCH EXISTING
	STEEL GATE TO MATCH EXISTING



CITY OF ALBUQUERQUE
CAPITAL IMPLEMENTATION PROGRAM
FIRE STATION #4

OVERALL SITE PLAN- SOLID WASTE			
Drawing Title			
Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
Issue Date:	City Project No.	Sheet	
JULY 2024	587895		AS-100S



NO.	DATE	REMARKS	BY
		CONSTRUCTION DOCUMENTS NOT FOR CONSTRUCTION <td></td>	
		DESIGNED BY:	
		DRAWN BY:	
		CHECKED BY:	

PLANT SCHEDULE

SYMBOL	QTY	BOTANICAL / COMMON NAME
TREES		
(Symbol)	19	Acer negundo 'Sensation' / Sensation Box Elder
(Symbol)	3	Chilopsis linearis 'Bubba' / Bubba Desert Willow
(Symbol)	2	Pinus edlarica / Afghan Pine
(Symbol)	5	Pistacia chinensis / Chinese Pistache
(Symbol)	28	Ulmus parvifolia 'Allee' / Allee® Lacebark Elm
SHRUBS		
(Symbol)	11	Forestiera neomexicana / NM Olive
(Symbol)	12	Juniperus horizontalis 'Blue Chip' / Blue Chip Creeping Juniper (Female only)
(Symbol)	11	Mahonia aquifolium 'Compacta' / Compact Oregon Grape
(Symbol)	21	Nepeta x faassenii 'Select Blue' / Select Blue Catmint
(Symbol)	14	Potentilla fruticosa / Shrubby Cinquefoil
(Symbol)	26	Rhus trilobata / Three-Leaf Sumac
(Symbol)	29	Rhus trilobata 'Autumn Amber' / Autumn Amber Sumac
GRASSES		
(Symbol)	37	Bouteloua gracilis 'Blonde Ambition' / Blonde Ambition Blue Grama
(Symbol)	20	Calamagrostis x acutiflora 'Karl Foerster' / Karl Foerster Feather Reed Grass
(Symbol)	34	Muhlenbergia reverchonii 'PUNDD01S' / Undaunted Ruby Muhly Grass
PERENNIALS		
(Symbol)	36	Mirabilis multiflora / Colorado Four O'Clock
(Symbol)	26	Teucrium aronianum / Creeping Germander
SUCCULENTS		
(Symbol)	24	Agave americana / Century Plant

*NOTE: ALL PLANT MATERIALS LISTED ON THE PLANT SCHEDULE ARE PART OF THE OFFICIAL ALBUQUERQUE PLANT PALETTE LIST.

MULCHES AND BOULDERS

21,669 SF	7/8" 'SANTA FE BROWN' CRUSHED GRAVEL MULCH (3" DEPTH OVER FILTER FABRIC DEWITT PRO-5 WEED CONTROL, OR EQUAL)
6,159 SF	1-1/2-2" 'GRAY ROUND' RIVER ROCK (3" DEPTH OVER FILTER FABRIC DEWITT PRO-5 WEED CONTROL, OR EQUAL)
3,375 SF	1" 'ROSE GOLD' (3" DEPTH OVER FILTER FABRIC DEWITT PRO-5 WEED CONTROL, OR EQUAL)
14,781 SF	'AMARETTO BROWN' CRUSHER FINES (3" DEPTH OVER FILTER FABRIC DEWITT PRO-5 WEED CONTROL, OR EQUAL)
13,880 SF	WARM SEASON TURF GRASS SEED SHALL CONSIST BUFFALO GRASS & BLUE GRAMA. INSTALL PER COA SPECIFICATION SECTION 1011, GRASS SEEDING (EXCEPTION: SECTION 1011.4.1 PREPARATION SHALL BE AMENDED TO INCREASE THE AMOUNT OF ORGANIC AMENDMENT TO A UNIFORM 2" LAYER. ALL OTHER PROVISIONS OF THAT SECTION REMAIN UNCHANGED).
	EXISTING BASALT COBBLE

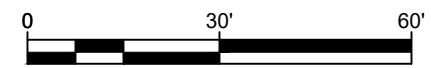
REVEGETATIVE SEEDING

AREAS SHALL BE REVEGETATED BY HYDROMULCH APPLICATION PER COA SPECIFICATION SECTION 1012. LIMITS OF REVEGETATED SEEDING SHOWN ON PLANS IS SCHEMATIC. CONTRACTOR SHALL APPLY REVEGETATED SEED TO LIMIT OF DISTURBANCE.

SCIENTIFIC NAME - COMMON NAME	#LS/AC
7,945 SF CLAY LOAM SOIL MIX (20 LBS. PLS PER ACRE TOTAL)	
HILARIA JAMESII 'VIVA' - GALLETA	4.0
BOUTELOUA CURTIPENDULA 'VAUGHN' - SIDEOATS GRAMA	3.0
ORYZOPSIS HYMENOIDES 'PALOMA' - INDIAN RICE GRASS	2.0
SPOROBOLUS AIROIDES 'SALADO' - ALKALI SACATON	2.0
AGROPYRON SMITHII 'ARRIBA' - WESTERN WHEAT	1.0
BOUTELOUA GRACILIS 'HACHITA' - BLUE GRAMA	1.0
SPOROBOLUS CRYPTANDRUS - SAND DROPSEED	1.0
SORAGHASTRUM NUTANS - INDIAN GRASS	.50
KRASCHENINIKOVIA LANATA - WINTERFAT	.25
ARTEMISIA LUDOVICIANA - PRAIRIE SAGE	.25
ERICAMERIA NAUSEOSA - RUBBER RABBITBRUSH	.25
ARTIPEX CONFERTIFOLIA - SHADSCALE	.25
OENOTHERA HOOKERI - EVENING PRIMROSE	.25
OENOTHERA PALLID - WHITE EVENING PRIMROSE	.25
BAILEYA MULTIRADIATA - DESERT MARIGOLD	.25
LINUM LEWISII - BLUE FLAX	.25
DALEA PURPUREA VAR PURPUREA - PURPLE PRAIRIE CLOVER	.25
RATIBIDA COLUMNIFERA	.25



L1 FS #4 LANDSCAPE PLAN
SCALE: 1" = 30' - 0"



AS-BUILT INFORMATION

CONTRACTOR	DATE

BENCH MARKS

NO.	DATE

SURVEY INFORMATION

FIELD NOTES	
BY	DATE

SEAL

NO.	DATE	REMARKS	BY

CONSENSUS PLANNING, INC.
 4477 Irving NW, Suite A
 Albuquerque, NM 87102
 (505) 764-9801 Fax 842-5495



VIGIL & ASSOCIATES
 ARCHITECTURAL GROUP, P.C.
 4477 Irving NW, Suite A
 Albuquerque, New Mexico 87114
 Ph: 505.890.5030 - Fax: 505.890.5031
 www.vigil-architects.com

**CITY OF ALBUQUERQUE
 CAPITAL IMPLEMENTATION PROGRAM**
 AFR FIRE STATION 4
 ALBUQUERQUE, NM

LANDSCAPE PLAN DFT

Design Review Committee		City Engineer Approval		Mo./Day/Yr.	

Issue Date: **JULY 2024** City Project No: XXXXXX XXXXXX

Sheet **LS-101**

LANDSCAPE CALCULATIONS

LANDSCAPE AREA COVERAGE
 TOTAL SITE AREA (4.09 AC.): 178,160 SF
 BUILDING AREA: - 11,987 SF
 NET AREA 166,173 SF
 REQUIRED / PROVIDED LANDSCAPE 24,926 SF / 52,282 SF

COVERAGE
 LANDSCAPE COVERAGE REQUIREMENTS SPECIFY TREE CANOPIES AND GROUND-LEVEL PLANTS SHALL COVER A MINIMUM OF 75% OF THE TOTAL LANDSCAPE AREA. A MINIMUM OF 25% SHALL BE PROVIDED AS GROUND-LEVEL PLANTS (SHRUBS, GRASSES, ETC.) OF THE REQUIRED VEGETATIVE COVERAGE.

REQUIRED/PROVIDED LIVE VEGETATIVE COVERAGE 39,212 SF/ 85,200
 REQUIRED/PROVIDED GROUND-LEVEL COVERAGE 9,803 SF/ 28,099

PARKING LOT TREES
 PARKING LOT TREE REQUIREMENTS ARE BASED UPON 1 TREE PER 10 SPACES AND NO PARKING SPACE MAY BE MORE THAN 100FT FROM A TREE TRUNK.
 PARKING LOT SPACES PROVIDED 46
 REQUIRED/PROVIDED PARKING LOT TREES: 4/4

PARKING LOT AREA
 AT LEAST 10% OF THE PARKING LOT AREA OF LOTS CONTAINING 50 OR FEWER SPACES, SHALL BE LANDSCAPED.
 TOTAL PARKING LOT AREA: 14,034 SF
 REQUIRED/PROVIDED LANDSCAPE AREA: 1,403 SF / 8,667

WARM SEASON NATIVE GRASSES
 70% OF THE REQUIRED LANDSCAPE AREAS CAN BE WARM SEASON GRASSES.
 ALLOWABLE NATIVE GRASS AREA 17,448 SF
 PROVIDED NATIVE GRASS AREA 13,880 SF

STREET TREES
 STREET TREE REQUIREMENTS ARE BASED UPON AN AVERAGE SPACING OF 25' O.C. (INDIAN SCHOOL ROAD); STREET FRONTAGE- 438'
 REQUIRED/PROVIDED STREET TREES = 18/18
 (3RD STREET) STREET FRONTAGE- 249'
 REQUIRED/PROVIDED STREET TREES = 10/12

NMDOT ROW
 A LANDSCAPING PERMIT SHALL BE PROVIDED TO THE NMDOT FOR ANY LANDSCAPING WITHIN NMDOT HIGHWAY RIGHT OF WAY.

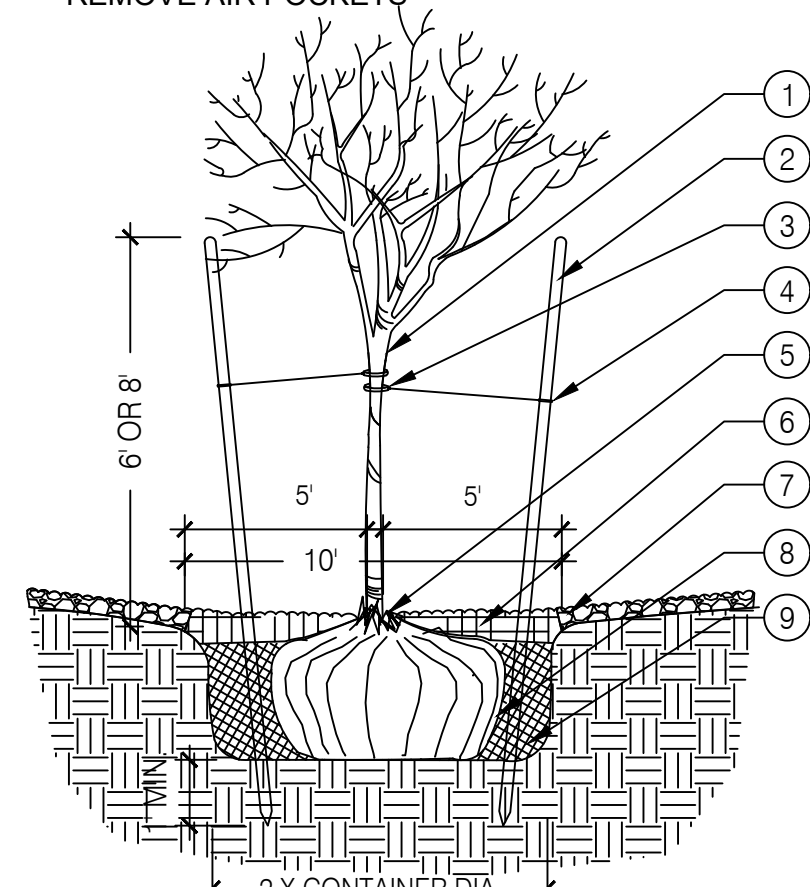
GRAVEL MULCH COVERAGE
 LANDSCAPE SHALL APPLY PURSUANT TO 5-6(C)(5)(C) THE USE OF GRAVEL OR CRUSHER FINES AS GROUND COVER IS LIMITED TO A MAXIMUM OF 75 PERCENT OF ANY LANDSCAPED AREA, OR 50 PERCENT INDT-UC-MS AREAS

ALLOWED: 50,144 SF (no more than 75%) / NON GRVL 12,356 (25%)
 PROVIDED: 45,984 SF (63%) / REVEG 21,825 SF (25+%)

ALL VEGETATION SHALL COMPLY WITH ARTICLE 9-12 AND PARTS 6-1-1 AND 6-6-2 OF ROA 1994 (POLLEN CONTROL, WATER CONSERVATION LANDSCAPING AND WATER WASTE, AND STREET TREES) AND SECTION 4 OF THE ALBUQUERQUE BERNALILLO COUNTY WATER AUTHORITY (ABCWUA) LEGISLATION AND ORDINANCES (WATER WASTE REDUCTION ORDINANCE) AS APPLICABLE.

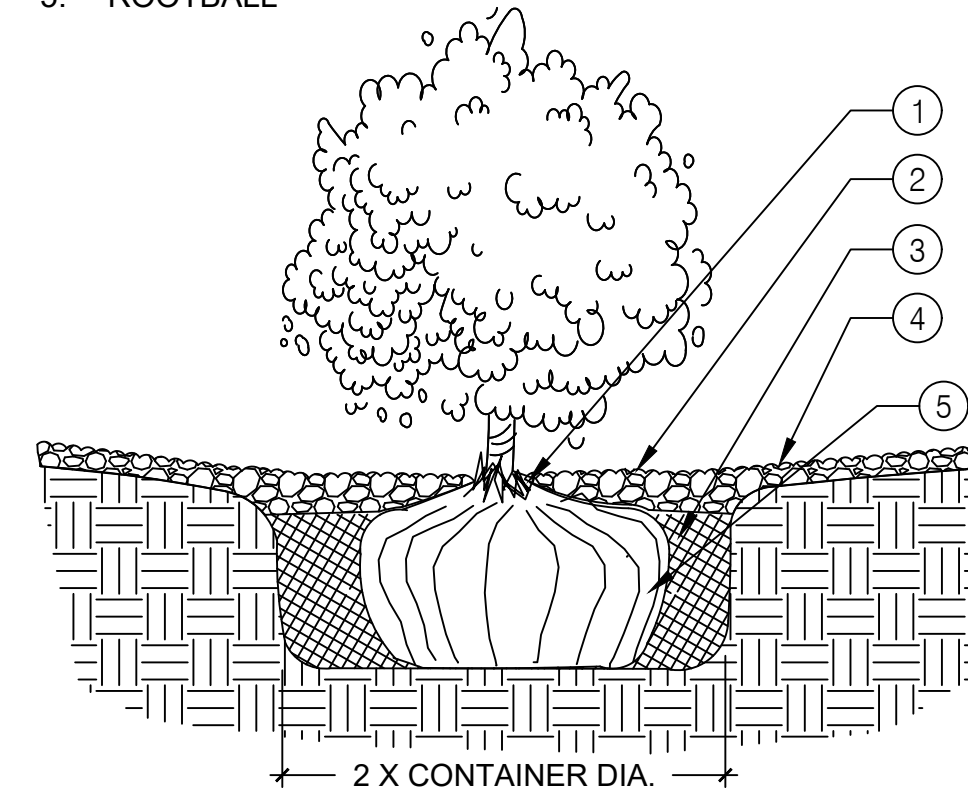
5-6-(c) (4) (i) SHADE TREES REQUIRED EVERY 25 O.C. ALONG ALL PEDESTRIAN PATHWAYS. (SITE COMPLIANT)

1. STRESS POINT OF TREE
2. 6' OR 10' LODGEPOLE STAKES DRIVEN AT ANGLE (8° FOR MULTI OR CANOPY, 10° FOR TALL COLUMNAR)
3. 5/8" BLACK POLY TUBING, 12"-15" LONG MIN., NOTCH BACKSIDE OF POLY TUBING
4. #10 PLASTIC COATED GUYWIRE - (WRAP TWICE AROUND STAKE)
5. PLANT TREE ROOT COLLAR 1"-2" ABOVE FINISH GRADE
6. WATER RETENTION BASIN - ORGANIC MULCH SHALL BE PROVIDED WITHIN A 5' RADIUS OF NEWLY PLANTED TREES, AT A DEPTH OF 3". THE WATER RETENTION BASIN SHALL BE TWICE THE PLANTING PIT DIAMETER. THE EDGES OF THE WATER RETENTION BASIN SHALL BE SMOOTHLY FORMED WITH NO OBTRUSIVE EDGES
7. 3" LAYER OF ROCK MULCH - SEE PLANTING PLAN
8. ROOTBALL WITH REMOVE ROPE AND BURLAP AFTER PLANTING
9. SPECIFIED PLANTING MIX - WATER AND TAMP TO REMOVE AIR POCKETS



1 TREE PLANTING SCALE: N.T.S.

1. PLANT TREE ROOT COLLAR 1"-2" ABOVE FINISH GRADE
2. WATER RETENTION BASIN - 3" LAYER OF ORGANIC BARK MULCH. THE WATER RETENTION BASIN SHALL BE TWICE THE PLANTING PIT DIAMETER. THE EDGES OF THE WATER RETENTION BASIN SHALL BE SMOOTHLY FORMED WITH NO OBTRUSIVE EDGES.
3. SPECIFIED PLANTING MIX - WATER AND TAMP TO REMOVE AIR POCKETS
4. 3" LAYER OF ROCK MULCH - SEE PLANTING PLAN
5. ROOTBALL



2 SHRUB PLANTING SCALE: N.T.S.

GENERAL LANDSCAPE NOTES

IRRIGATION
 IRRIGATION SYSTEM STANDARDS OUTLINED IN THE WATER CONSERVATION LANDSCAPING AND WATER WASTE ORDINANCE SHALL BE STRICTLY ADHERED TO. ALL NON-RESIDENTIAL LANDSCAPE IRRIGATION SHALL HAVE AUTOMATIC TIMERS AND/OR PROGRAMMABLE SETTINGS TO AVOID OVERWATERING. PURSUANT OF IDO 5-6(C)(14)(C) THE TREES WILL BE PROVIDED WITH (6) 2 GPH EMITTERS AND SHRUBS/ GROUNDCOVERS WILL BE PROVIDED WITH (2) 1 GPH EMITTERS.

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

METHOD FOR COMPLYING WITH WATER CONSERVATION ORDINANCE
 THE PLANT PALETTE IS PREDOMINANTLY COMPRISED OF PLANTS WITH LOW TO MEDIUM WATER USE REQUIREMENTS, THEREBY MINIMIZING IRRIGATION NEEDS WHILE ENSURING THE VIABILITY OF THE PLANTS.

PNM COORDINATION
 COORDINATION WITH PNM'S NEW SERVICE DELIVERY DEPARTMENT IS NECESSARY REGARDING PROPOSED TREE LOCATION AND HEIGHT, SIGN LOCATION AND HEIGHT, AND LIGHTING HEIGHT IN ORDER TO ENSURE SUFFICIENT SAFETY CLEARANCES.

SCREENING WILL BE DESIGNED TO ALLOW FOR ACCESS TO ELECTRIC UTILITIES. IT IS NECESSARY TO PROVIDE ADEQUATE CLEARANCE OF TEN FEET IN FRONT AND AT LEAST 5 FEET ON THE REMAINING THREE SIDES SURROUNDING ALL GROUND-MOUNTED EQUIPMENT FOR SAFE OPERATION, MAINTENANCE AND REPAIR PURPOSES.

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

SHREDDED ORGANIC MULCH AT TREES
 SHREDDED ORGANIC MULCH WILL BE PROVIDED BENEATH THE ENTIRE TREE CANOPY FOR ALL NEW TREES IN LANDSCAPE AREAS. PROVIDE 5' DIAMETER CIRCLE.

IDO STANDARDS

CLEARANCE
 PER 5-6(C)(7)(A), VEGETATION REQUIRED BY THIS SECTION 14-16-5-6 SHALL BE LOCATED AT LEAST 3 FEET IN ANY DIRECTION FROM ANY FIRE HYDRANTS, VALVE VAULTS, HOSE BIBS, MANHOLES, HYDRANTS, AND FIRE DEPARTMENT CONNECTIONS.

PER 5-6(C)(9)(A) ALL PLANTING OF VEGETATED MATERIAL OR INSTALLATION OF ANY LANDSCAPING, BUFFERING, OR SCREENING MATERIAL IN THE PUBLIC RIGHT-OF-WAY SHALL REQUIRE THE PRIOR APPROVAL OF THE CITY. THE PROPERTY OWNER SHALL BE RESPONSIBLE FOR THE MAINTENANCE, REPAIRS, OR LIABILITY FOR ALL THE LANDSCAPING PLACED IN OR OVER THE PUBLIC RIGHT-OF-WAY.

PER 5-6(C)(9)(B) ANY TREES THAT OVERHANG A PUBLIC SIDEWALK OR MAJOR PUBLIC OPEN SPACE SHALL BE TRIMMED TO MAINTAIN AN 8-FOOT CLEARANCE OVER THE SIDEWALK. ANY TREES THAT OVERHANG A PUBLIC STREET SHALL BE TRIMMED TO MAINTAIN A 9-FOOT CLEARANCE OVER THE STREET SURFACE.

PER 5-6(C)(10)(A) TREES AND SHRUBS SHALL NOT BE PLANTED IN UTILITY EASEMENTS.

PER 5-6(C)(10)(B) TREES SHALL NOT BE PLANTED WITHIN 10 FEET IN ANY DIRECTION OF THE CENTERLINE OF A SEWER OR WATER LINE.

PER 5-6(C)(10)(E) ALL SCREENING AND VEGETATION SURROUNDING GROUND-MOUNTED TRANSFORMERS AND UTILITY PADS MUST ALLOW 10 FEET OF CLEARANCE FOR ACCESS AND TO ENSURE THE SAFETY OF THE WORK CREWS AND PUBLIC DURING MAINTENANCE AND REPAIR.

PER 5-6(C)(10)(F) TREES SHALL NOT BE PLANTED NEAR EXISTING OR PROPOSED STREET LIGHT POLES.

City of Albuquerque Electronic Stamp

AS-BUILT INFORMATION	
CONTRACTOR	DATE
WORK STARTED BY	DATE
INSPECTOR'S	DATE
APPROVED BY	DATE
FIELD	DATE
VERIFICATION BY	DATE
DRAWING	DATE
CHECKED BY	DATE
MICRO-FILM INFORMATION	
RECORDED BY	DATE
NO.	

BENCH MARKS	
CONTRACTOR	DATE
WORK STARTED BY	DATE
INSPECTOR'S	DATE
APPROVED BY	DATE
FIELD	DATE
VERIFICATION BY	DATE
DRAWING	DATE
CHECKED BY	DATE
NO.	

SURVEY INFORMATION	
FIELD NOTES	DATE
NO.	
BY	
NO.	

SEAL	
NO.	DATE
REMARKS	BY
DESIGN	4/16/24
Drawn By: AM	4/16/24
Checked By: RR	4/16/24

CONSENSUS PLANNING, INC.
 Planning / Landscape Architecture
 302 Eighth Street NW
 Albuquerque, NM 87102
 (505) 764-9801 Fax 842-5495



VIGIL & ASSOCIATES
 ARCHITECTURAL GROUP, P.C.
 4477 Irving NW, Suite A
 Albuquerque, New Mexico 87114
 Ph: 505.890.5030 - Fax: 505.890.5031
 www.VA-architects.com

CITY OF ALBUQUERQUE
 CAPITAL IMPLEMENTATION PROGRAM

AFR FIRE STATION 4

ALBUQUERQUE, NM

NOTES AND DETAILS DFT	
Drawing Title	
Design Review Committee	City Engineer Approval
Issue Date:	City Project No.
JULY 2024	XXXXX XXXXX
Last Design Update	Mo./Day/Yr.
	00/00/2023
Sheet	
	LS-501

DRAINAGE REPORT

SITE LOCATION

The existing site is an approximate 4.25-acre piece of land located west of 3rd Street and south of I-40 and Indian School in Albuquerque, New Mexico. The site can be accessed via 3rd Street. (see vicinity map this sheet)

EXISTING CONDITIONS

The existing site is estimated at 4.25 acres and is currently developed as a city park and existing fire station. The site is relatively flat with a very mild slope to the south and west. The site does not lie within a 100-year FEMA Floodplain. However, 3rd Street and McKnight both have a FEMA designated Zone AO floodplain as indicated on the FEMA panel on this sheet. Discharge from the site must be limited to existing conditions as indicated in the Mid-Valley DMP.

PROPOSED CONDITIONS

The proposed project will consist of a new fire station building, a new driveway entrance from 3rd Street and parking lot areas on the west side of the site. The site will also have several landscape areas and a large water harvesting feature on the northwest side of the property. The site has been divided into two drainage basins, Basin A and B. Basin A is the total site area of 3.05 acres that will be developed as the new fire station site and will be routed to the new detention pond. Basin B is estimated at 1.2 acres and consists of the southern portion of the overall site that represents the existing fire station development and what will free discharge from the site.

Storm water will be routed to the new detention pond via surface flow and underground storm sewer pipes that will collect roof drainage from the building and the south parking lot area. A 12" storm sewer outfall pipe has been added to the pond so that the pond can slowly discharge into the existing storm sewer system in McKnight at a controlled rate per the Mid-Valley DMP. An orifice plate will be added to the inlet of the 12" storm drainpipe as needed to control the release rate from the pond.

CONCLUSIONS

When fully developed as indicated on the grading and drainage plan, runoff from the new fire station site will discharge to a water harvest feature on the northwest side of the site. Basin A will be routed through the proposed detention pond. Runoff from the detention pond discharge to the McKnight storm drain system at a controlled rate per the Mid-Valley DMP. Basin B will free discharge from the site as it does under existing conditions.

HYDROLOGY CALCULATIONS

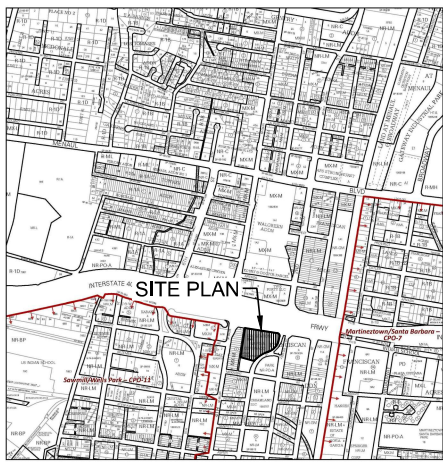
Basin	Area (Ac)	Land Treatment Factors				Ew (in)	V(100-6) (cfs)	V(100-24) (cfs)	Q(100) (cfs)
		A	B	C	D				
Existing Conditions									
Site	4.250	0.000	2.960	0.000	1.290	1.264	0.448	0.49	12.58
Total	4.250							0.49	12.58
Proposed Conditions									
A	3.050	0.000	0.000	1.820	1.230	1.55	0.395	0.44	10.89
B	1.200	0.000	0.000	0.520	0.880	1.98	0.199	0.23	4.69
Total	4.250							0.66	15.68

WATER HARVEST AREA

WHA #1			
Pond Rating Table			
Slope			
Elev. (ft)	Area (sq ft)	Volume (cf)	Cum Volume (cf)
61	3766	0	0
62	5127	4446.500	4446.500
63	6645	5886.000	10332.500

STORM WATER QUALITY CALCULATIONS

$$SQWV = (0.42 / 12 * 91,511 \text{ SF}) = 3,217 \text{ CUBIC FEET}$$



VICINITY MAP

ZONE ATLAS MAP: H14Z

National Flood Hazard Layer FIRMette



FLOOD ZONE MAP

FLOOD ZONE MAP: 39101C12025

City of Albuquerque
Planning Department
Development Review Services
PRELIMINARY APPROVED
DATE: 7/12/2024
BY: [Signature]
HydroTeam # H14D120

THESE PLANS AND/OR REPORT ARE CONCEPTUAL ONLY. MORE INFORMATION MAY BE NEEDED IN THEM AND SUBMITTED TO HYDROLOGY FOR BUILDING PERMIT APPROVAL.

GENERAL NOTES:

- EXISTING TOPOGRAPHIC SURVEY PERFORMED AND COMPILED BY PRECISION SURVEYS, INC., ALBUQUERQUE, NEW MEXICO JANUARY, 2024. MILLER ENGINEERING CONSULTANTS HAS UNDERTAKEN NO FIELD VERIFICATION OF THIS INFORMATION.
- PROJECT BENCHMARK IS A NATIONAL GEODETIC SURVEY (NGS) A STAINLESS STEEL ROD SET BENEATH A 5 1/2" ACCESS COVER, STAMPED "4-436, 1984", IN THE NORTHWEST QUADRANT OF MANUEL BOULEVARD NORTHWEST AND THE BNSF RAILROAD TRACKS. ELEVATION = 4,975.35 FEET (NAVD 88 VERTICAL DATUM).
- THE CONTRACTOR IS RESPONSIBLE FOR ALL TEMPORARY SEDIMENT AND EROSION CONTROL DEVICES DURING THE CONSTRUCTION PHASE.
- CONTRACTOR SHALL OBTAIN A GRADING PERMIT FROM THE CITY OF ALBUQUERQUE, PRIOR TO ANY GRADING OR CONSTRUCTION.
- TWO WORKING DAYS PRIOR TO ANY EXCAVATION CONTRACTOR MUST CONTACT LINE LOCATING SERVICE 260-1990 FOR LOCATION OF EXISTING UTILITIES.
- ALL EMBANKMENTS SHALL BE PLACED AND COMPACTED IN LIFTS OF MAXIMUM OF 8". THE EMBANKMENTS SHALL BE WETTED AND COMPACTED TO 95% OPTIMUM DENSITY PER ASTM D1557 AND 95% UNDER ALL STRUCTURES INCLUDING DRIVEWAYS AND PARKING LOTS.
- THE CONTRACTOR SHALL FIELD VERIFY LOCATION AND SIZE OF ALL UTILITIES PRIOR TO CONSTRUCTION.
- ALL WORK PERFORMED SHALL COMPLY WITH THE REQUIREMENTS OF THE CITY OF ALBUQUERQUE STORM DRAINAGE REGULATIONS. ALL WORK PERFORMED SHALL COMPLY WITH THE REQUIREMENTS OF THE CITY OF ALBUQUERQUE "GRADING AND DRAINAGE DESIGN REQUIREMENTS AND POLICIES FOR LAND DEVELOPMENT."
- THE OWNER, CONTRACTOR AND/OR BUILDER SHALL COMPLY WITH ALL APPROPRIATE LOCAL, STATE AND FEDERAL REGULATIONS AND POLICIES FOR LAND DEVELOPMENT.
- THE CONTRACTOR SHALL TAKE ALL APPROPRIATE AND REASONABLE MEASURES TO PREVENT SEDIMENT OR POLLUTANT LOADS FROM EXISTING THE SITE DURING CONSTRUCTION. STORMWATER MAY BE DISCHARGED IN A MANNER WHICH COMPLIES WITH THE APPROVED GRADING AND DRAINAGE PLAN.
- THE CONTRACTOR SHALL TAKE ALL APPROPRIATE MEASURES TO PREVENT THE MOVEMENT OF CONSTRUCTION RELATED SEDIMENT, DUST, MUD, POLLUTANTS, DEBRIS, WASTE, ETC FROM THE SITE BY WIND, STORM FLOW OR ANY OTHER METHOD EXCLUDING INTENTIONAL, LEGAL TRANSPORTATION OF SAME, IN A MANNER ACCEPTABLE BY THE CITY.
- THE CONTRACTOR SHALL NOT DISTURB AREAS OUTSIDE THE AREAS SHOWN AS "SLOPE LIMITS" ON THE GRADING AND DRAINAGE PLAN.
- SEE ARCHITECTURAL DRAWINGS FOR SIDEWALK AND HANDICAPPED RAMPS, DETAILS AROUND THE BUILDING.
- THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER FOR CLARIFICATION IF THERE ARE ANY SPOT ELEVATIONS ON THE GRADING AND DRAINAGE PLAN WHICH APPEAR TO BE AMBIGUOUS OR DO NOT MEET THE INTENT OF THE GRADING AND DRAINAGE PLAN.
- THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER FOR CLARIFICATION IF THERE ARE SIDEWALKS OR CONCRETE FLATWORK WHICH DOES NOT MEET ADA ACCESSIBILITY REQUIREMENTS. ALL SIDEWALKS SHALL HAVE A MAXIMUM CROSS SLOPE OF 2.0%. ALL SIDEWALKS SHALL HAVE A MAXIMUM LONGITUDINAL SLOPE OF 5.0%. AND ALL RAMPS SHALL HAVE A MAXIMUM LONGITUDINAL SLOPE OF 15:1.
- ALL SIDEWALKS AND CONCRETE FLATWORK SHALL HAVE A MINIMUM OF 0.5% SLOPE. CONTRACTOR SHALL CONTACT PROJECT ENGINEER IF THERE ARE SIDEWALKS OR CONCRETE FLATWORK WHICH DO NOT MEET THIS REQUIREMENT.
- THE CONTRACTOR SHALL SUBMIT MATERIAL SUBMITTALS, CUT SHEETS AND SHOP DRAWINGS FOR ALL CIVIL RELATED ITEMS FOR REVIEW PRIOR TO CONSTRUCTION.
- THIS PROJECT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE 2019 EDITION OF THE NEW MEXICO STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION (GRAY BOOK). ALL UTILITY WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITION OF THE AMERICAN PUBLIC WORKS ASSOCIATION, NEW MEXICO CHAPTER, STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
- ALL EXISTING MANHOLES, VALVES AND METERS SHALL BE ADJUSTED TO NEW FINISH GRADE.
- THE CONTRACTOR SHALL SUBMIT A SEED MIX DESIGN TO THE OWNER FOR REVIEW AND APPROVAL PRIOR TO STARTING THE SEEDING ON THE PROJECT. THE SEED MIX DESIGN SHALL BE A SEED MIX RECOMMENDED BY NRCS FIELD OFFICE REPRESENTATIVE APPROPRIATE FOR PROJECT LOCATION.

ALL DISTURBED AREAS, NOT ADDRESSED BY ARCHITECTURAL LANDSCAPE PLAN WITH SLOPES OF LESS THAN 3:1 SHALL RECEIVE CLASS "A" SEEDING. ANY SLOPES THAT ARE 3:1 OR STEEPER SLOPES SHALL RECEIVE STEEP SLOPE SEEDING. THE STEEP SLOPE SEEDING SHALL CONSIST OF SEEDING IN CONJUNCTION WITH A 100% COCONUT FIBER BLEND EROSION BLANKET (NORTH AMERICAN GREEN 0125) OR APPROVED EQUAL.

NO.	DATE	REMARKS	DESIGN		CONSTRUCTION	
			Drawn By	Checked By	Drawn By	Checked By

VIGIL & ASSOCIATES
ARCHITECTURAL GROUP PC
4477 Irving NW, Suite A
Albuquerque, New Mexico 87114
Ph: 505.850.5050 • Fax: 505.850.5011
www.vigil-associates.com

**CITY OF ALBUQUERQUE
CAPITAL IMPLEMENTATION PROGRAM
AFD FIRE STATION 4**

Design Title	HYDROLOGY PLAN	
Design Review Committee	City Engineer Approval	Mo. Day Yr. 7/10/18
Issue Date	City Project No.	Sheet
JUNE, 2024		CG-101

ME MILLER ENGINEERING CONSULTANTS
Engineers & Planners
3000 CAMACHE, NE
SUITE 200
ALBUQUERQUE, NM 87110
(505) 263-2500
(505) 263-3000 (FAX)
WWW.ME-CON.COM



LEGEND:

- 38.00 PROPOSED SPOT ELEVATIONS (FINISHED GRADE)
- MATCH (6/19) MATCH EXISTING ELEVATIONS
- TOG TOP OF CONCRETE
- FL FLOW LINE, CURB
- INV INVERT
- FG FINISH GRADE
- TBC TOP OF BASE COURSE
- TC TOP OF CURB
- TG TOP OF GRATE
- TA TOP OF ASPHALT
- FV FIELD VERIFY
- FLOW ARROW
- GRADE BREAK—HIGH POINT
- PROPOSED STORM DRAIN MANHOLE
- SWALE
- SD STORM DRAIN LINE
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR

KEYED NOTES:

- 1 NEW BUILDING SEE ARCHITECTURAL PLANS.
- 2 EXISTING BUILDING TO REMAIN.
- 3 NEW HEAVY DUTY CONCRETE PAVING SEE DETAIL SHEET C-501.
- 4 NEW HEAVY DUTY ASPHALT PAVING SEE DETAIL SHEET C-501.
- 5 NEW LIGHT DUTY ASPHALT PARKING SEE DETAIL SHEET C-501.
- 6 NEW CONCRETE VALLEY GUTTER WITH FILLETS SEE DETAIL SHEET C-501.
- 7 NEW CONCRETE FLAT WORK, SEE ARCHITECTURAL PLANS FOR DETAILS.
- 8 NEW CONCRETE CURB AND GUTTER SEE DETAIL SHEET C-501.
- 9 NEW PARKING STRIPES AND ADA MARKINGS, SEE ARCHITECTURAL PLANS FOR DETAILS.
- 10 NEW SAS DOUBLE CLEANOUT (TYP), SEE DETAIL SHEET C-503.
- 11 500 LF OF 12" STORM DRAIN PIPE AT 0.5% INV.(N)=61.0, INV.(OUT)=58.50.
- 12 NEW TRASH ENCLOSURE, SEE ARCHITECTURAL PLANS FOR DETAILS.
- 13 NEW SITE FENCE, SEE ARCHITECTURAL PLANS FOR DETAILS.
- 14 NEW FIRE FIGHTER PARKING, (30 SPACES)
- 15 NEW VISITOR PARKING, (11 SPACES)
- 16 NEW WATER HARVEST AREA #1, INV= 60.0.
- 17 NEW 5'X5' RIP PAD SEE DETAIL SHEET C-501.
- 18 EXISTING TYPE C INLET, TG=61.32, INV=57.81, MODIFY TO A TYPE D INLET, CONNECT NEW 12" STORM DRAIN PIPE (INV.=58.56).
- 19 EXISTING SIDEWALK TO REMAIN.
- 20 EXISTING CURB AND GUTTER TO REMAIN.
- 21 NEW 36" CONCRETE VALLEY GUTTER, S=0.35% SEE DETAIL SHEET C-501.
- 22 NEW 48" WIDE CONCRETE CHANNEL POND OVERFLOW INV=64.35.
- 23 NEW CONCRETE RUNDOWN SEE DETAIL SHEET C-502.
- 24 NEW 12" STORM DRAIN LINE @ 0.5% SLOPE.
- 25 NEW 12"x12"x12" WYE, INV=62.18
- 26 NEW ADA RAMP PER COA STD DWG #2443.
- 27 NEW 6" STORM DRAIN LINE @ 2% SLOPE.
- 28 NEW 8" STORM DRAIN PIPE @ 0.5% SLOPE.
- 29 12" STORM DRAIN PIPE AT 1% INV.(N)=62.0, INV.(OUT)=61.0
- 30 NEW TYPE D INLET, TG=64.0, INV.=62.0

City of Albuquerque
Planning Department
Development Review Services
PRELIMINARY APPROVED
DATE: 7/12/2024
BY: _____
HydroTeam # H14D120

THESE PLANS AND/OR REPORT ARE CONCEPTUAL ONLY. MORE INFORMATION MAY BE REQUIRED TO THEM AND SUBMITTED TO HYDROLOGY FOR BUILDING PERMIT APPROVAL.

AS-BUILT INFORMATION	
CONTRACTOR	DATE
BENCH MARKS	
LOCATION	DATE
SURVEY INFORMATION	
FIELD NOTES	

50% CDS
NOT FOR
CONSTRUCTION

VIGIL & ASSOCIATES
ARCHITECTURAL GROUP, P.C.
4477 Irving NW, Suite A
Albuquerque, New Mexico 87114
Ph: 505.889.2020 Fax: 505.850.9011
www.vigilassociates.com

CITY OF ALBUQUERQUE
CAPITAL IMPLEMENTATION PROGRAM
AFD FIRE STATION 4
351 MCKNIGHT AVENUE N.W.
ALBUQUERQUE, NM 87123

GRADING AND DRAINAGE PLAN OVERALL

Design Review Committee	City Engineer Approval	Mo, Day/Yr.	Mo, Day/Yr.
		7/16/24	

Issue Date:

JUNE, 2024

City Project No.

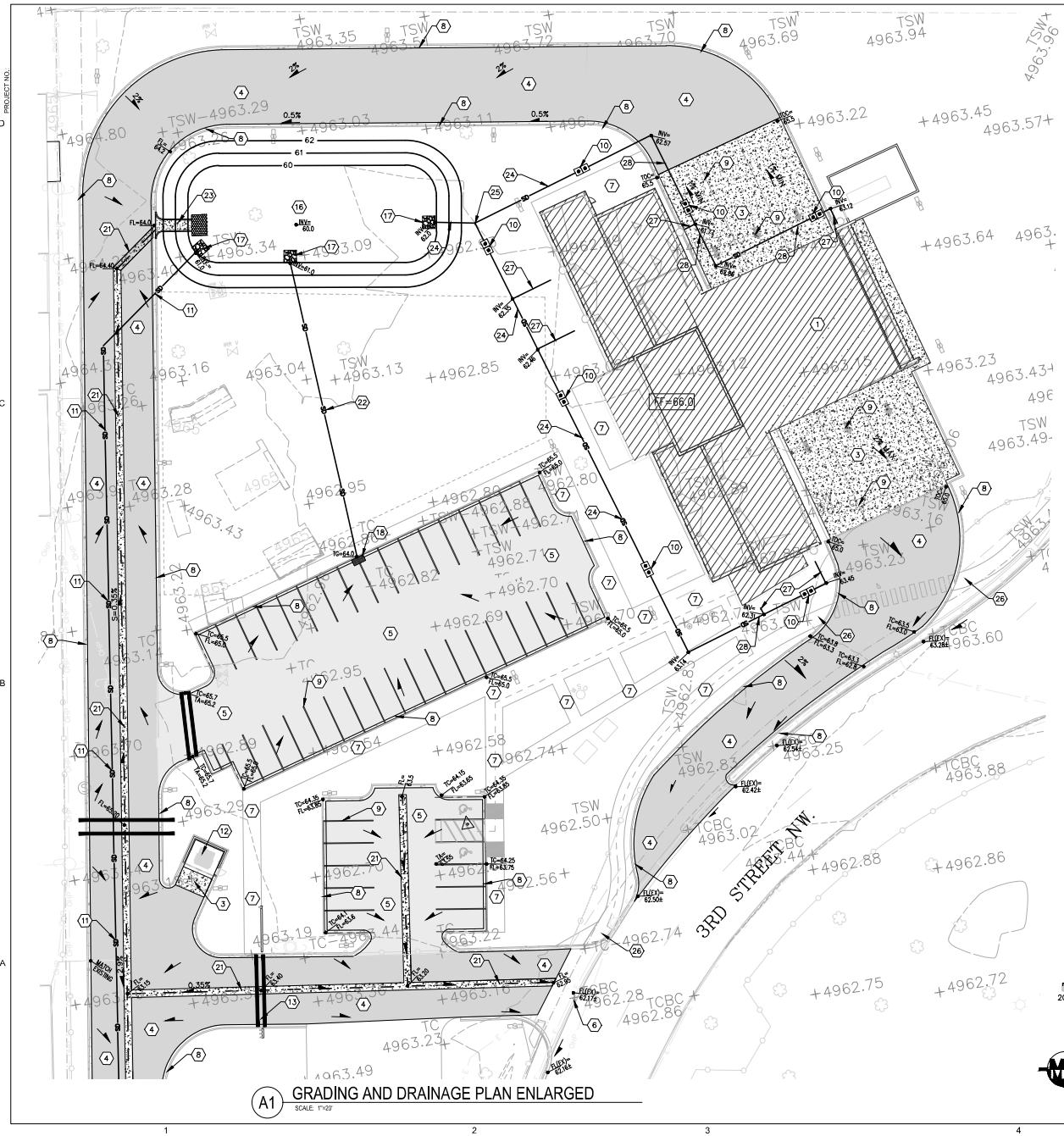
Sheet

C-101

A1 GRADING AND DRAINAGE PLAN OVERALL
SCALE: 1"=30'

M.E. MILLER ENGINEERING CONSULTANTS
Engineers & Planners
3500 CAMACHE, NE
WILSON, NE
ALBUQUERQUE, NM 87107
(505) 885-7500
(505) 888-3000 (FAX)
WWW.MECM.COM

T:\Clients\1438 & ASSOCIATES\1438-01 GRADING AND DRAINAGE PLAN (6-4)-2024.dwg, 7/11/2024, 2:15:24 PM, 11



LEGEND:

- 38.00 PROPOSED SPOT ELEVATIONS (FINISHED GRADE)
- MATCH (6/19) MATCH EXISTING ELEVATIONS
- TOC TOP OF CONCRETE
- FL FLOW LINE, CURB
- INV INVERT
- FG FINISH GRADE
- TC TOP OF BASE COURSE
- TC TOP OF CURB
- TA TOP OF GRATE
- FV FIELD VERIFY
- FLOW ARROW
- GRADE BREAK-HIGH POINT
- PROPOSED STORM DRAIN MANHOLE
- SWALE
- SD STORM DRAIN LINE
- TBC PROPOSED MAJOR CONTOUR
- S895 PROPOSED MINOR CONTOUR
- PROPOSED CLEANOUT

KEYED NOTES:

- (1) NEW BUILDING SEE ARCHITECTURAL PLANS.
- (2) EXISTING BUILDING TO REMAIN.
- (3) NEW HEAVY DUTY CONCRETE PAVING SEE DETAIL SHEET C-501.
- (4) NEW HEAVY DUTY ASPHALT PAVING SEE DETAIL SHEET C-501.
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- (6) NEW CONCRETE VALLEY GUTTER WITH FILLETS SEE DETAIL SHEET C-501.
- (7) NEW CONCRETE FLAT WORK, SEE ARCHITECTURAL PLANS FOR DETAILS.
- (8) NEW CONCRETE CURB AND GUTTER SEE DETAIL SHEET C-501.
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- (13) NEW SITE FENCE, SEE ARCHITECTURAL PLANS FOR DETAILS.
- (14) NEW FIRE FIGHTER PARKING, (30 SPACES)
- (15) NEW VISITOR PARKING, (11 SPACES)
- (16) NEW WATER HARVEST AREA #1, INV.= 60.0.
- (17) NEW 5'X5' RIP RAP PAD SEE DETAIL SHEET C-501.
- (18) NEW TYPE D INLET, TG=64.0, INV.=62.0.
- (19) EXISTING SIDEWALK TO REMAIN.
- (20) EXISTING CURB AND GUTTER TO REMAIN.
- (21) NEW 36" CONCRETE VALLEY GUTTER, S=0.35% SEE DETAIL SHEET C-501.
- (22) 12" STORM DRAIN PIPE AT 1% INV.(N)=62.0, INV.(OUT)=61.0.
- (23) NEW CONCRETE RUNDOWN SEE DETAIL SHEET C-502.
- (24) NEW 12" STORM DRAIN LINE @ 0.5% SLOPE.
- (25) NEW 12"x12"x12" WYE, INV.= 62.18.
- (26) NEW ADA RAMP PER COA STD DWG #2443.
- (27) NEW 6" STORM DRAIN LINE @ 2% SLOPE.
- (28) NEW 8" STORM DRAIN PIPE @ 0.5% SLOPE.

City of Albuquerque
Planning Department
Development Review Services
HYDROLOGY SECTION

PRELIMINARY APPROVED

DATE: **7/12/2024**
BY: [Signature]
HydroTeam # **H14D120**

THESE PLANS AND/OR REPORT ARE
CONCEPTUAL ONLY. MORE INFORMATION MAY
BE NEEDED BY THEM AND SUBMITTED TO
HYDROLOGY FOR BUILDING PERMIT APPROVAL.

AS-BUILT INFORMATION	
CONTRACTOR	DATE

BENCHMARKS	
MARK	DATE

SURVEY INFORMATION	
FIELD NOTES	DATE

50% CDS NOT FOR CONSTRUCTION	
------------------------------------	--

NO.	DATE	REMARKS	BY

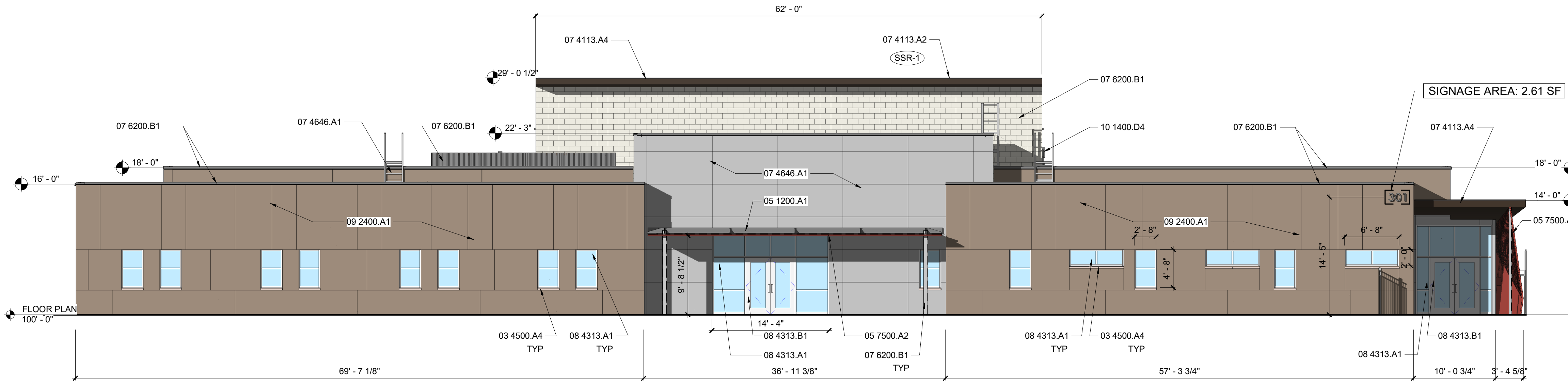
DESIGN	
DESIGNED BY	DATE

VIGIL & ASSOCIATES ARCHITECTURAL GROUP P.C. 4477 Irving Ave., Suite A Albuquerque, New Mexico 87114 Ph: 505.896.5020 • Fax: 505.896.5011 www.vigil-associates.com			
CITY OF ALBUQUERQUE CAPITAL IMPLEMENTATION PROGRAM AFD FIRE STATION 4 301 MARIKIGHT AVENUE, S.W. ALBUQUERQUE, NM 87123			
Drawing Title: ENLARGED GRADING AND DRAINAGE PLAN			
Design Review Committee	City Engineer Approval	Mo, Day/Yr.	Mo, Day/Yr.
		7/16/24	

C-102

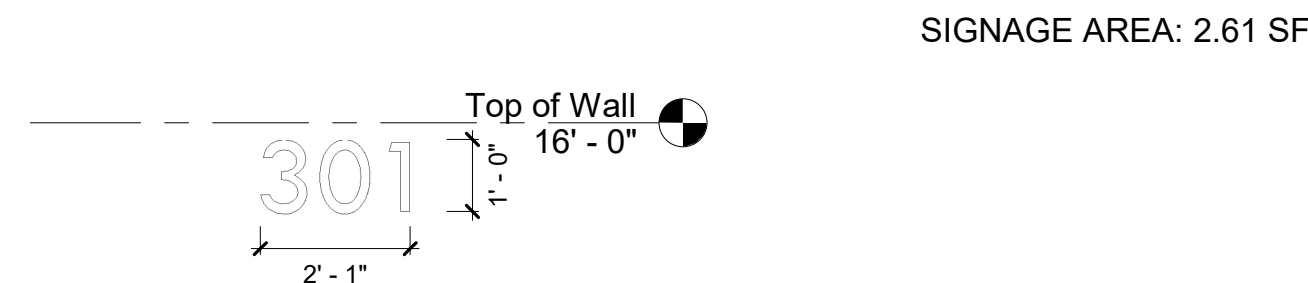
(A1) GRADING AND DRAINAGE PLAN ENLARGED
SCALE: 1"=20'

MILLER ENGINEERING CONSULTANTS
Engineers • Planners
 3500 CAMINO, NE
 BELLEVILLE, ALBUQUERQUE, NM 87107
 (505)886-7300
 (505)886-3000 (FAX)
 WWW.MECOM.COM



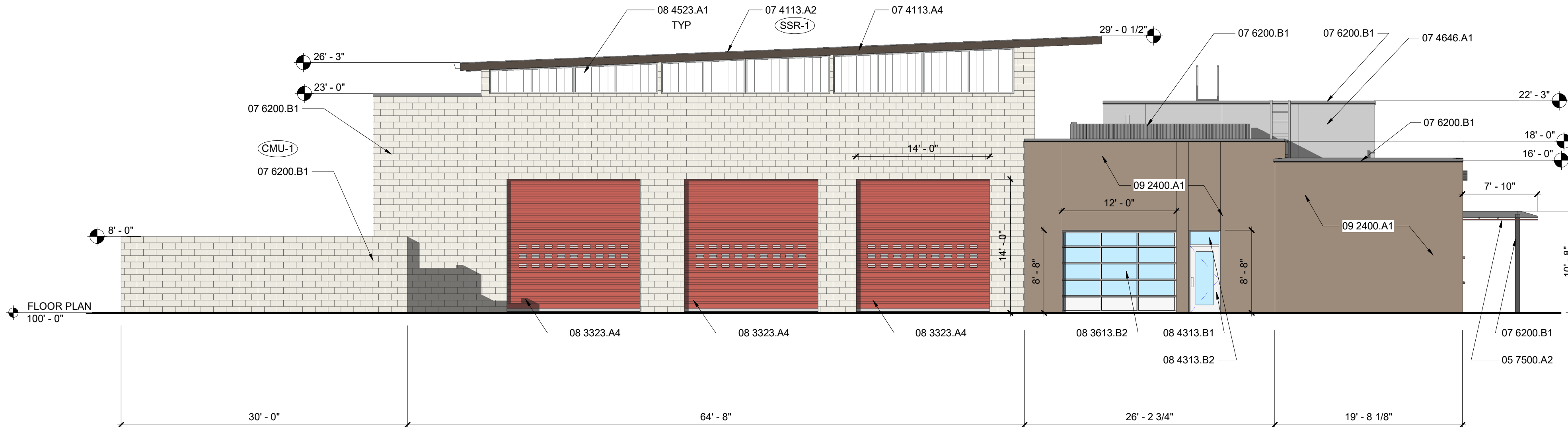
C1 SOUTHWEST ELEVATION

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



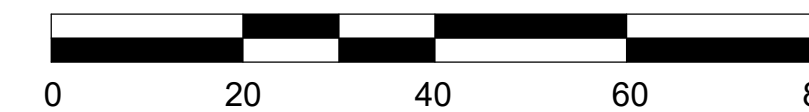
B1 EXTERIOR ELEVATION SIGNAGE PREMISE ID

Scale: 3/8" = 1'-0"



A1 NORTHWEST ELEVATION

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



GENERAL SHEET NOTES

- A. ALL EXTERIOR HOLLOW METAL DOOR AND WINDOW FRAMES, DOORS, AND EXPOSED STEEL BEAMS AND COLUMNS AND DOOR STOPS SHALL BE PAINTED.
- B. REFER COLOR & MATERIAL SCHEDULE FOR STUCCO AND CMU COLORS.
- C. REFER CIVIL SHEETS FOR LOCATIONS OF DOWNSPOUTS THAT WILL BE CONNECTED TO STORM DRAIN SYSTEM.

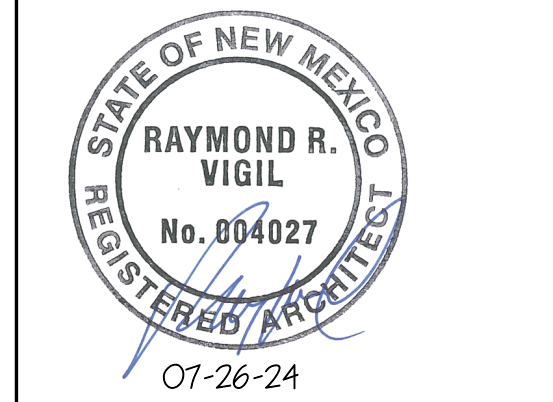
REFERENCE KEYNOTES

03 4500.A4	PRECAST ARCHITECTURAL CONCRETE SILL
05 1200.A1	IW SHAPE STEEL MEMBER - REFER STRUCTURAL
05 7500.A2	SOLID METAL PANELS - RIBBED
05 7500.A3	PERFORATED METAL PANEL - CUSTOM PERFORATIONS
07 4113.A2	PRE-FINISHED STANDING SEAM METAL ROOF PANEL
07 4113.A4	PRE-FINISHED METAL SOFFIT SYSTEM BY STANDING SEAM METAL ROOF MANUFACTURER
07 4646.A1	FIBER-CEMENT SIDING
07 6200.B1	COPING
08 3323.A4	OVERHEAD COILING DOOR - ELECTRIC MOTOR OPERATED
08 3613.B2	ALUMINUM & GLASS SECTIONAL DOOR
08 4313.A1	ALUMINUM FRAMED STORFRONT
08 4313.B1	GLAZED ALUMINUM DOOR
08 4313.B2	ALUMINUM STORFRONT DOOR FRAME
08 4523.A1	POLYCARBONATE TRANSLUCENT PANEL ASSEMBLY
09 2400.A1	7/8" ELASTOMERIC SYNTHETIC STUCCO SYSTEM - STO-01
10 1400.D4	BUILDING IDENTIFICATION LETTERS - 24" HIGH

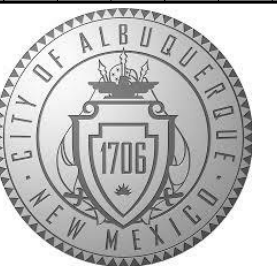
COLOR AND MATERIAL SCHEDULE - ELEVATIONS

CODE	MATERIAL	STYLE	COLOR
EXTERIOR FINISHES			
CMU-1	BURNISHED - CMU	BURNISHED BLOCK	OFF WHITE
STO	STUCCO 01	SAND STUCCO FINISH	TAUPE
FCP	FIBER CEMENT PANEL	SMOOTH	LIGHT GRAY
PC-#	WALL COPING CAP	METAL	CHARCOAL
SSR-1	STANDING SEAM METAL ROOF	RAWHIDE	CHARCOAL
STEEL-1	SUNSHADE STRUCTURAL STEEL	MATTE	CHARCOAL
STEEL-2	METAL SCREEN	MATTE	BRIGHT RED
AL-1	ALUMINUM FRAMED OPENINGS	EXTERIOR: TRIFAB VG451T INTERIOR: TRIFAB 450	CLEAR ANODIZED ALUMINUM (SILVER)
OH1	HIGH SPEED OVERHEAD DOOR	MODEL #: EPI 300	BRIGHT RED
OH2	OVERHEAD SECTIONAL DOOR	MODEL #: 904U	CLEAR ANODIZED ALUMINUM (SILVER)
HM-D	HOLLOW METAL DOORS AND FRAMES	MATTE	FLAT GREY

AS-BUILT INFORMATION	
CONTRACTOR	DATE
WORK STAGED BY	DATE
ACCEPTANCE BY	DATE
FIELD VERIFICATION BY	DATE
REVISIONS BY	DATE
CORRECTED BY	DATE
MICRO-FILM INFORMATION	
RECORDED BY	DATE
NO.	NO.



NO.	DATE	REMARKS	BY
95% CONSTRUCTION DOCUMENTS NOT FOR CONSTRUCTION			
Designed By:		DATE:	
Drawn By:		DATE:	
Checked By:		DATE:	



**CITY OF ALBUQUERQUE
CAPITAL IMPLEMENTATION PROGRAM
FIRE STATION #4**

EXTERIOR ELEVATIONS - EPC

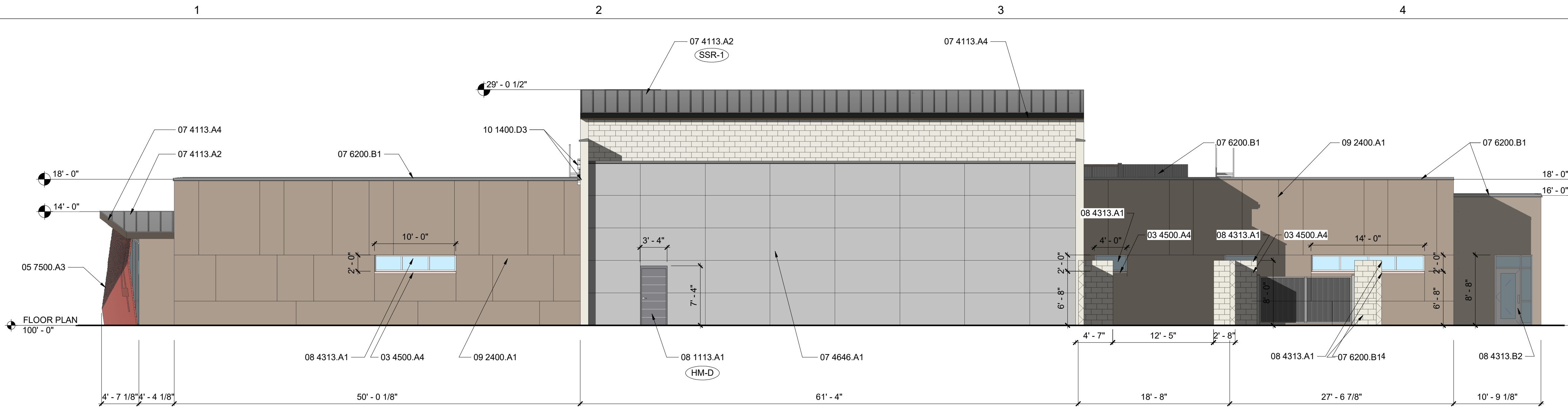
Design Review Committee: City Engineer Approval

Issue Date:
JULY 2024

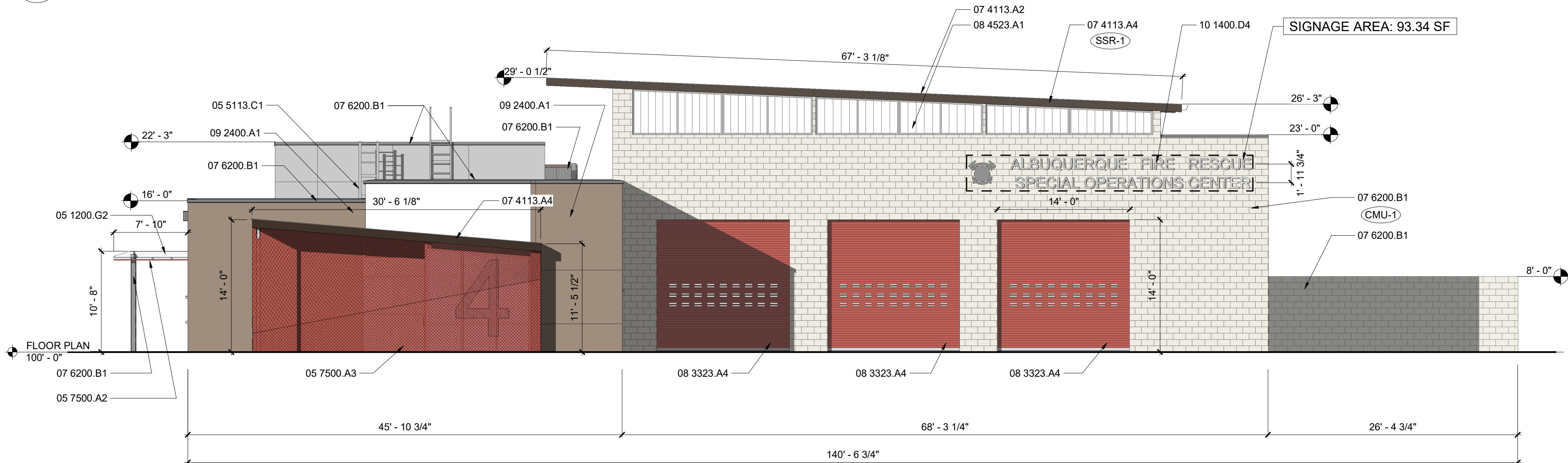
City Project No.
587895

Mo./Day/Yr.	Mo./Day/Yr.

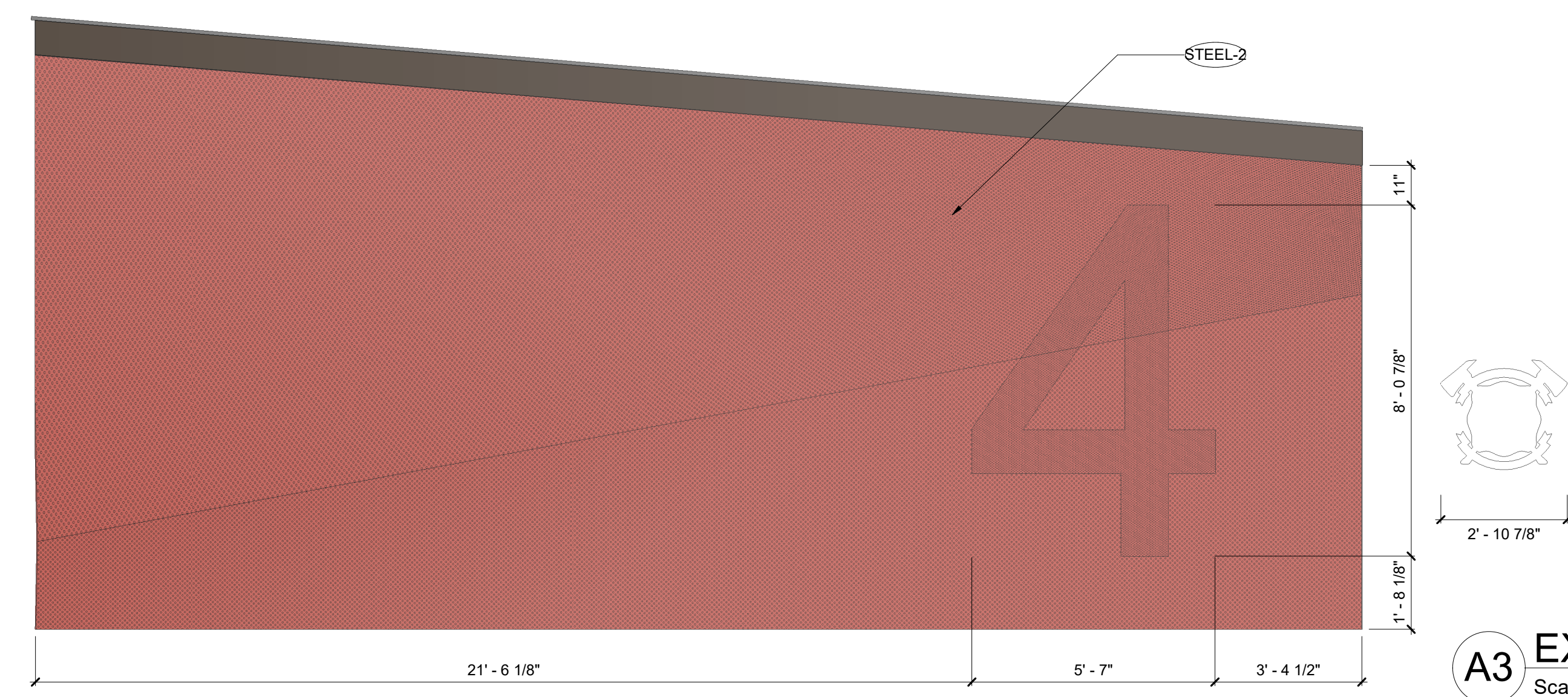
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EPC-A-201



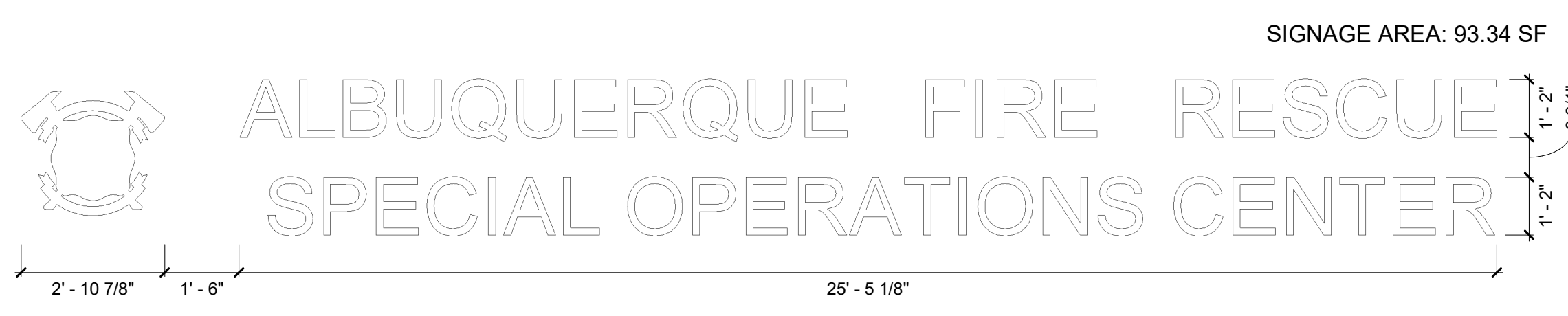
C1 NORTHEAST ELEVATION
Scale: 1/8" = 1'-0"



B1 SOUTHEAST ELEVATION
Scale: 1/8" = 1'-0"



A1 EXTERIOR BUILDING SIGNAGE - FIRE STATION
Scale: 3/8" = 1'-0"



A3 EXTERIOR BUILDING SIGNAGE - FIRE STATION
Scale: 3/8" = 1'-0"

GENERAL SHEET NOTES
A. ALL EXTERIOR HOLLOW METAL DOOR AND WINDOW FRAMES, DOORS, AND EXPOSED STEEL BEAMS AND COLUMNS AND DOOR STOPS SHALL BE PAINTED.
B. REFER COLOR & MATERIAL SCHEDULE FOR STUCCO AND CMU COLORS.
C. REFER CIVIL SHEETS FOR LOCATIONS OF DOWNSPOUTS THAT WILL BE CONNECTED TO STORM DRAIN SYSTEM.

REFERENCE KEYNOTES

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05 1200.G2	TUBE STEEL COLUMN - REFER STRUCTURAL
05 5113.C1	STEEL ROOF ACCESS LADDER - PAINT
05 7500.A2	SOLID METAL PANELS - RIBBED
05 7500.A3	PERFORATED METAL PANEL - CUSTOM PERFORATIONS
07 4113.A2	PRE-FINISHED STANDING SEAM METAL ROOF PANEL
07 4113.A4	PRE-FINISHED METAL SOFFIT SYSTEM BY STANDING SEAM METAL ROOF MANUFACTURER
07 4646.A1	FIBER-CEMENT SIDING
07 6200.B1	COPING
08 1113.A1	HOLLOW METAL DOOR AND FRAME
08 3323.A4	OVERHEAD COILING DOOR - ELECTRIC MOTOR OPERATED
08 4313.A1	ALUMINUM FRAMED STORFRONT
08 4313.B2	ALUMINUM STORFRONT DOOR FRAME
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09 2400.A1	7/8" ELASTOMERIC SYNTHETIC STUCCO SYSTEM - STO-01
10 1400.D3	BUILDING IDENTIFICATION LETTERS - 12" HIGH
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COLOR AND MATERIAL SCHEDULE - ELEVATIONS

CODE	MATERIAL	STYLE	COLOR
EXTERIOR FINISHES			
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STEEL-1	SUNSHADE STRUCTURAL STEEL	MATTE	CHARCOAL
STEEL-2	METAL SCREEN	MATTE	BRIGHT RED
AL-1	ALUMINUM FRAMED OPENINGS	EXTERIOR: TRIFAB VG451T INTERIOR: TRIFAB 450	CLEAR ANODIZED ALUMINUM (SILVER)
OH1	HIGH SPEED OVERHEAD DOOR	MODEL #: EPI 300	BRIGHT RED
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HM-D	HOLLOW METAL DOORS AND FRAMES	MATTE	FLAT GREY



AS-BUILT INFORMATION	
CONTRACTOR	DATE
BENCH MARKS	
NO.	DATE
SURVEY INFORMATION	
FIELD NOTES	DATE
MICRO-FILM INFORMATION	
NO.	DATE



NO.	DATE	REMARKS	BY

95% CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

Designed By: _____
Drawn By: _____
Checked By: _____

4477 Irving NW, Suite A
Albuquerque, New Mexico 87114
Ph: 505.890.9300 Fax: 505.890.5031
www.VA-architects.com

CITY OF ALBUQUERQUE
CAPITAL IMPLEMENTATION PROGRAM
FIRE STATION #4

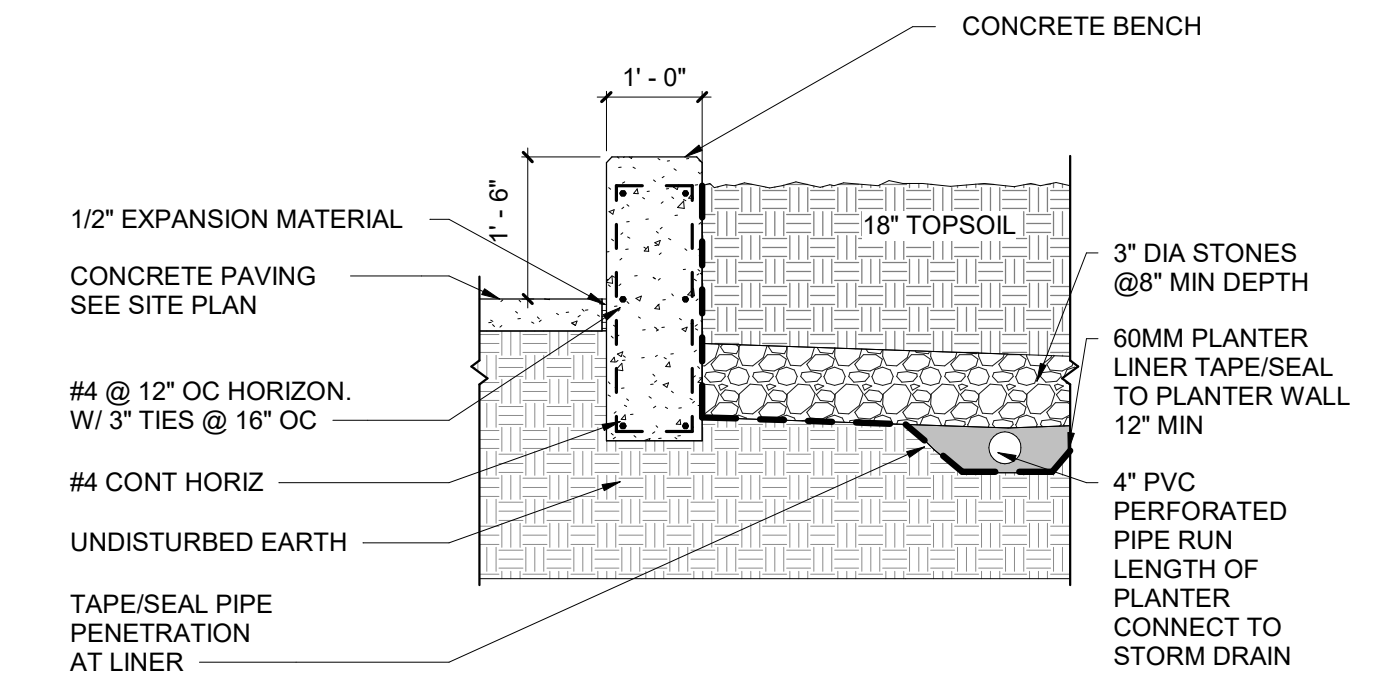
Drawing Title: **EXTERIOR ELEVATIONS - EPC**

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	

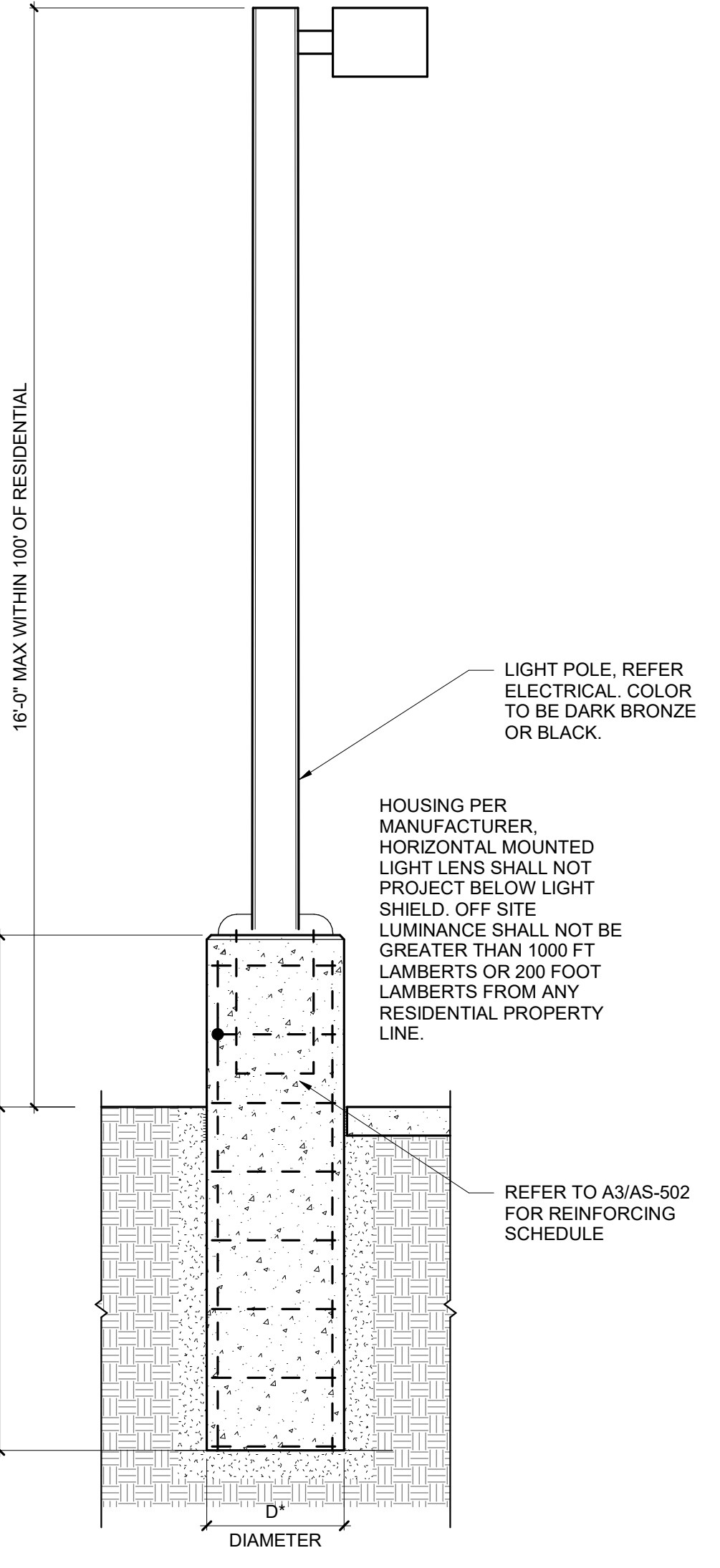
Issue Date: **JULY 2024** City Project No.: **587895** Sheet: **EPC-A-202**

PROJECT NO.: 587895

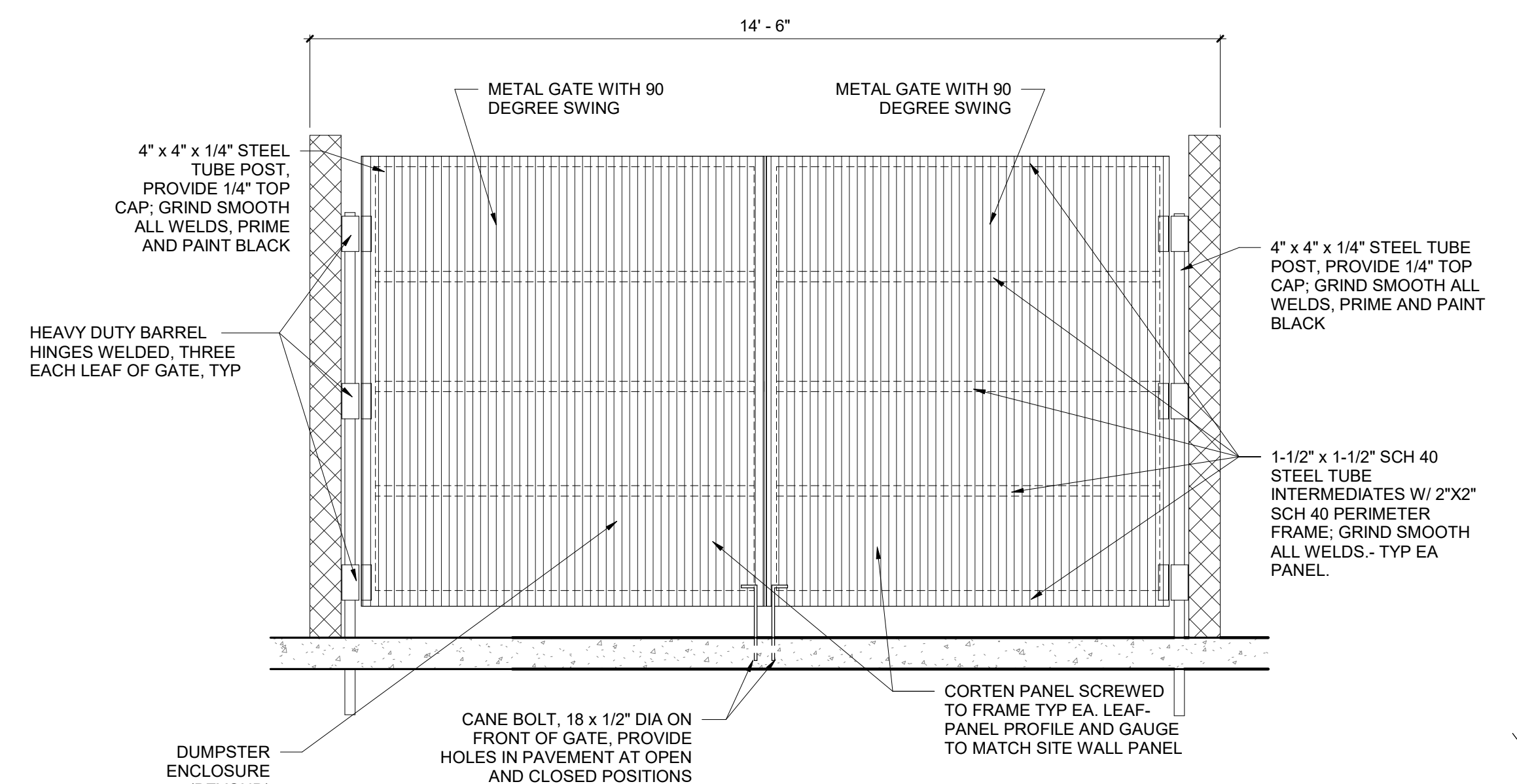
City of Albuquerque Electronic Stamp



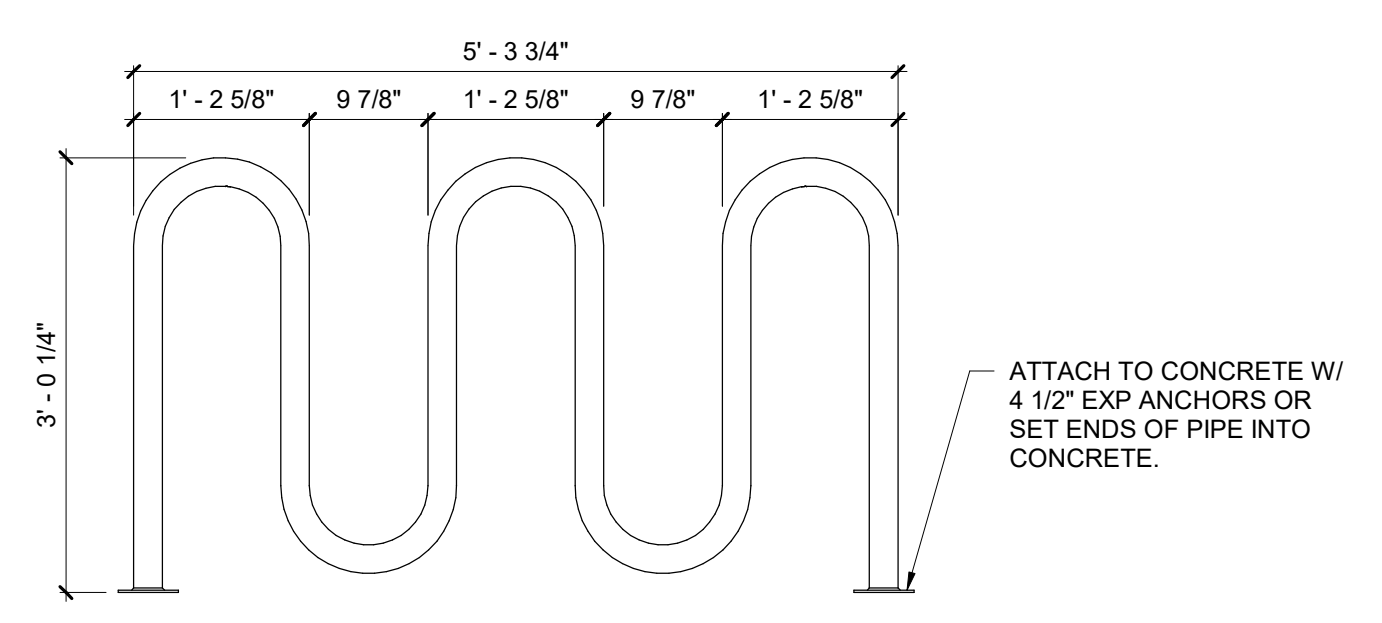
D1 CONCRETE PLANTER DRAINAGE
Scale: 1/2" = 1'-0"



C3 ELEVATION - TRASH GATE
Scale: 1/2" = 1'-0"

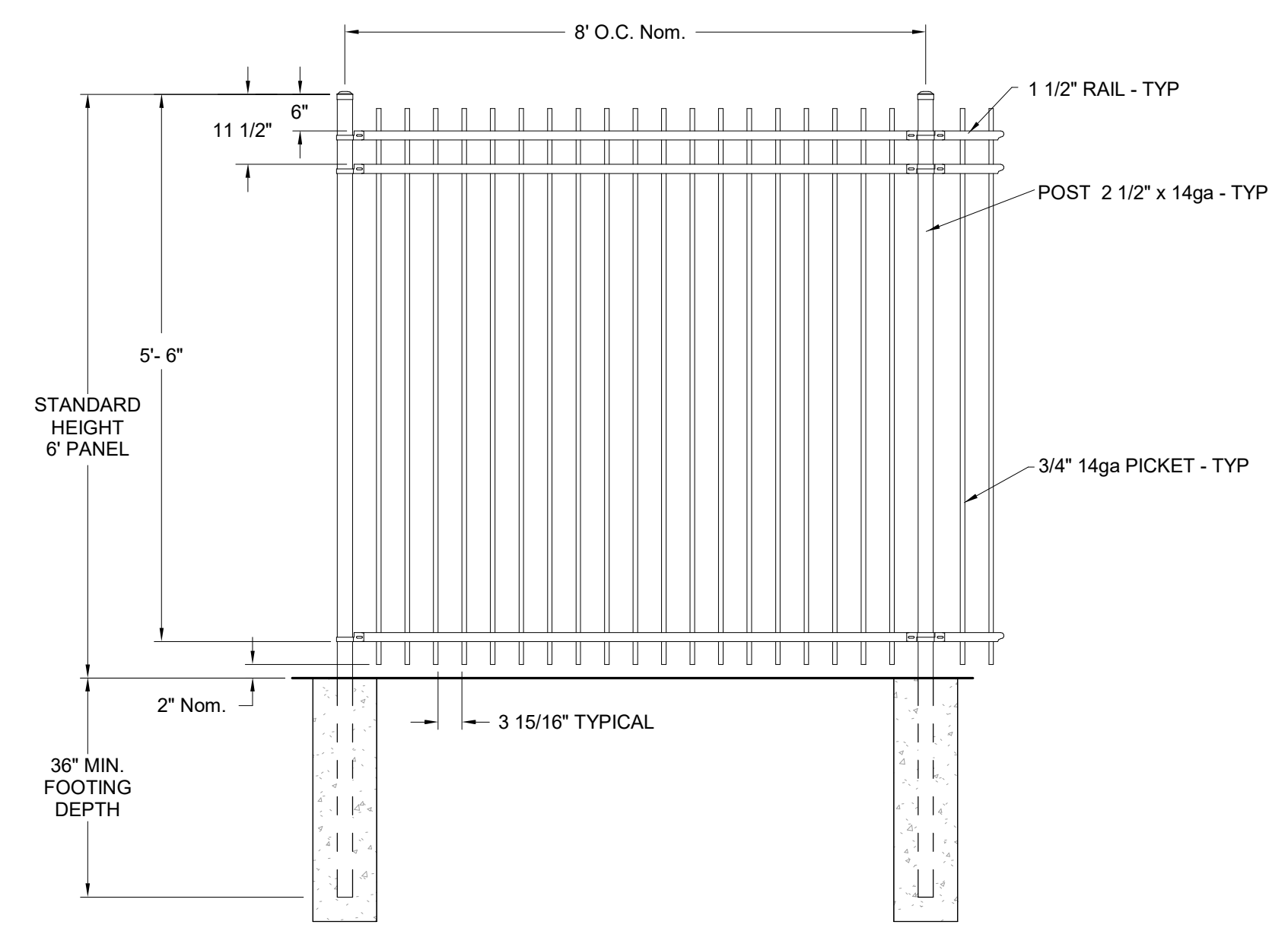


C3 ELEVATION - TRASH GATE
Scale: 1/2" = 1'-0"

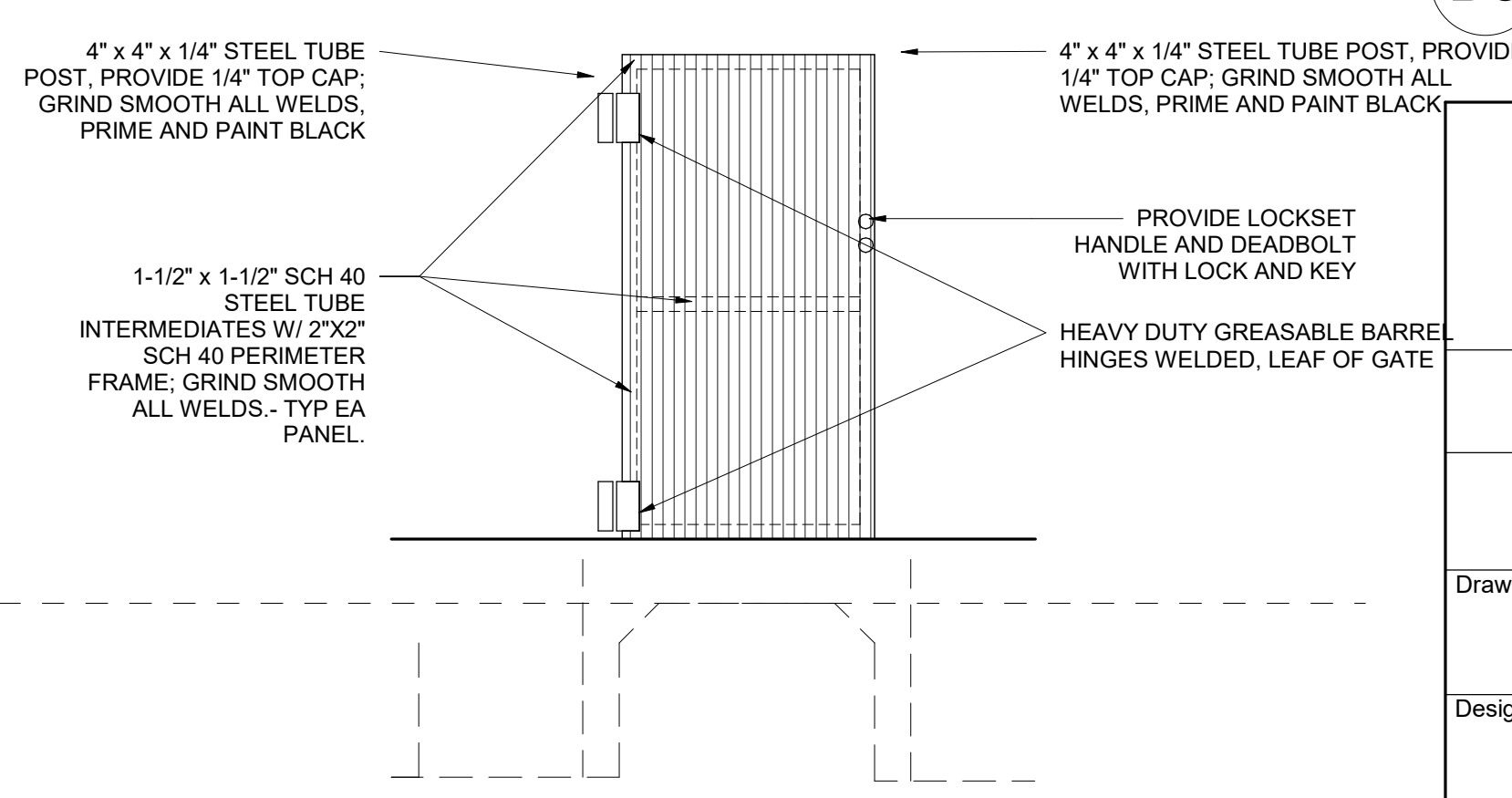


B3 BIKE RACK
Scale: 3/4" = 1'-0"

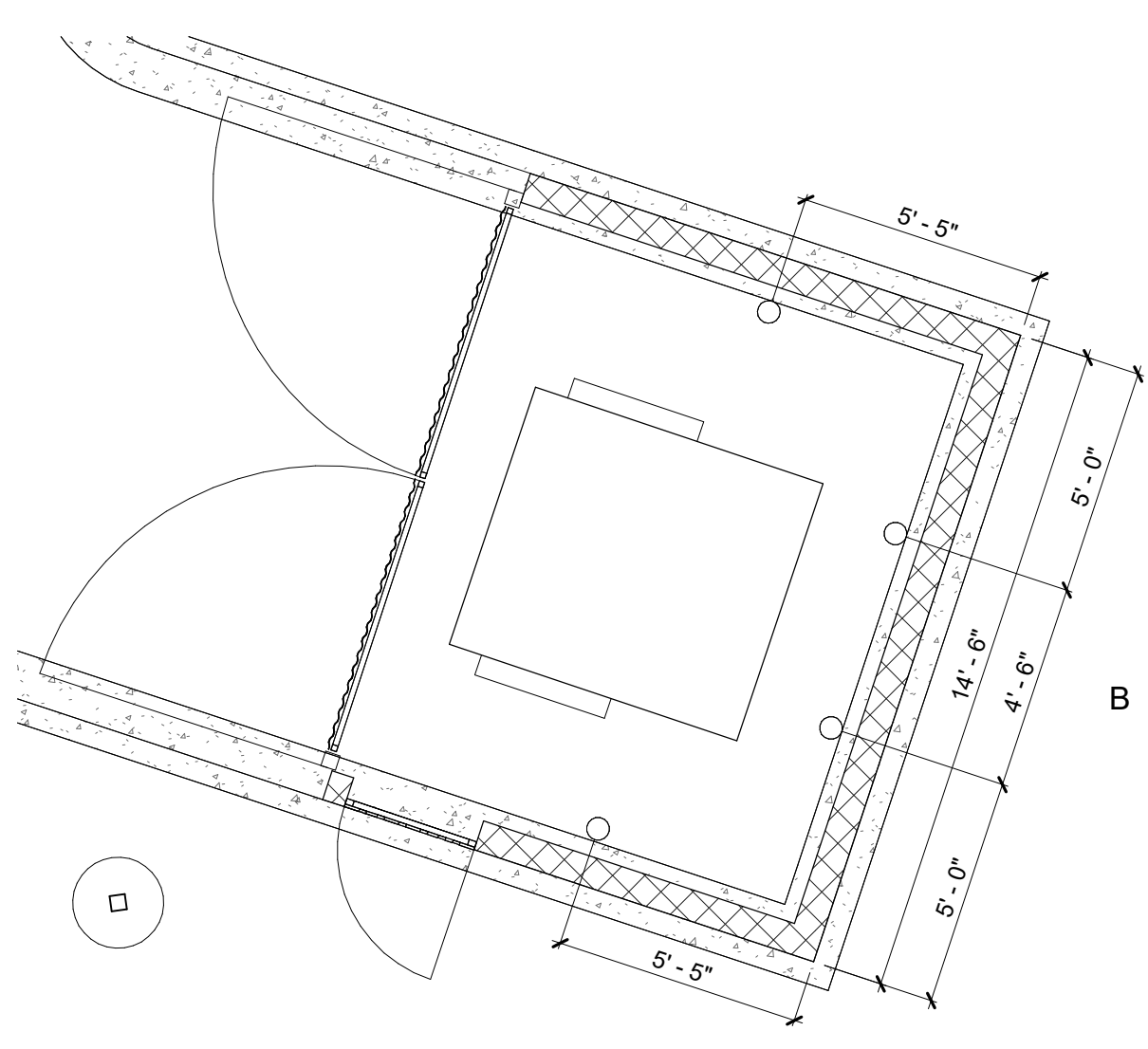
B2 PARKING LOT FIXTURE DETAIL
Scale: 1/2" = 1'-0"



A2 ORNAMENTAL FENCING ELEVATION
Scale: 1/2" = 1'-0"



A3 ELEVATION - SWING GATE
Scale: 1/2" = 1'-0"



B5 TRASH ENCLOSURE
Scale: 1/4" = 1'-0"

AS-BUILT INFORMATION	
CONTRACTOR	DATE
WORK STARTED BY	DATE
ACCEPTANCE BY	DATE
FIELD VERIFICATION BY	DATE
REVISIONS BY	DATE
CORRECTED BY	DATE
MICRO-FILM INFORMATION	
RECORDED BY	DATE
NO.	

BENCH MARKS	
CONTRACTOR	DATE
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MICRO-FILM INFORMATION	
RECORDED BY	DATE
NO.	

SURVEY INFORMATION	
FIELD NOTES	DATE
NO.	

SEAL	
STATE OF NEW MEXICO	
REGISTERED ARCHITECT	
RAYMOND R. VIGIL	
No. 004027	
07-26-24	

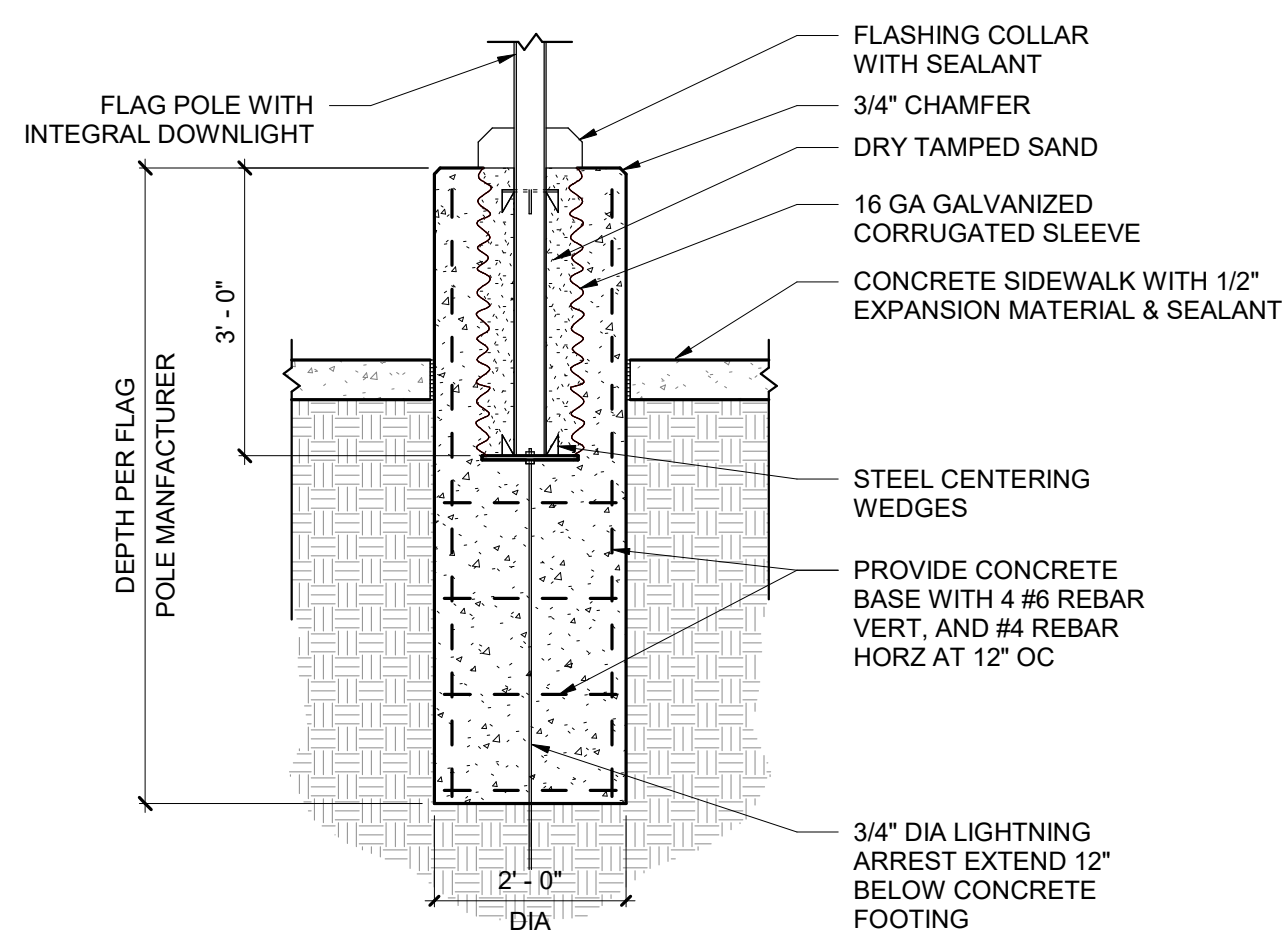
REMARKS	
NO.	DATE
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VIGIL & ASSOCIATES
ARCHITECTURAL GROUP, P.C.
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Ph: 505.890.9300 Fax: 505.890.9301
www.VA-architects.com

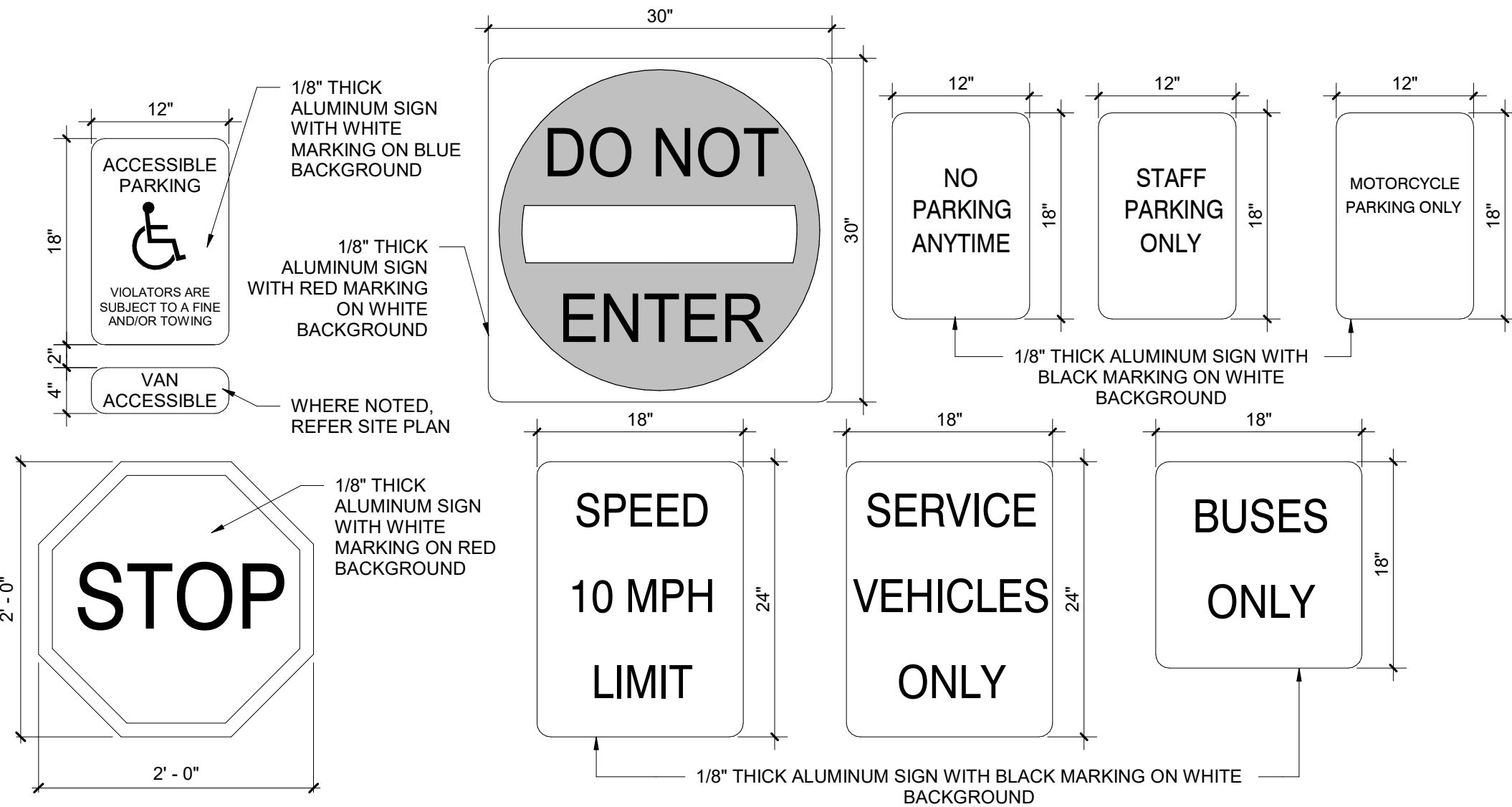


CITY OF ALBUQUERQUE
CAPITAL IMPLEMENTATION PROGRAM
FIRE STATION #4

Drawing Title		SITE DETAILS - EPC	
Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
Issue Date:	City Project No.	Sheet	
JULY 2024	587895	EPC-AS-501	

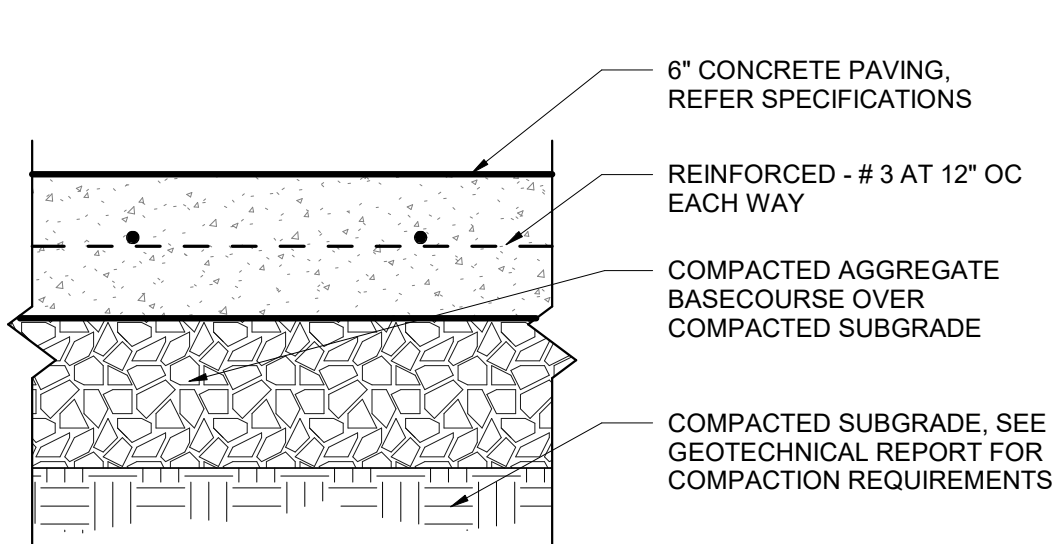


C3 FLAG POLE
Scale: 1/2" = 1'-0"

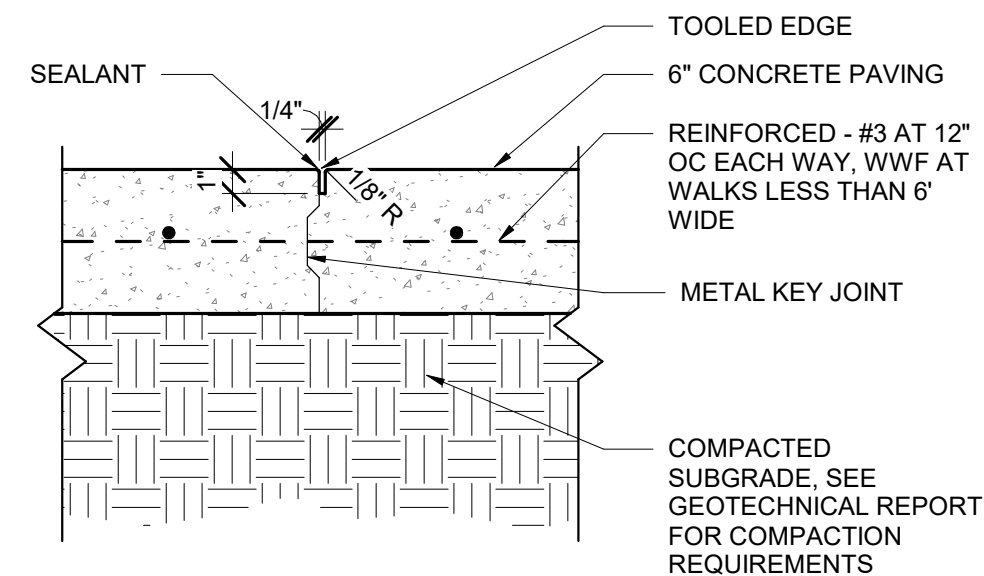


REFER AS-101 FOR LOCATIONS
NOTE: FOR REFERENCE ONLY, UTILIZE INDUSTRY STANDARDS FOR TYPICAL SIZE/COLOR/STYLIZATION

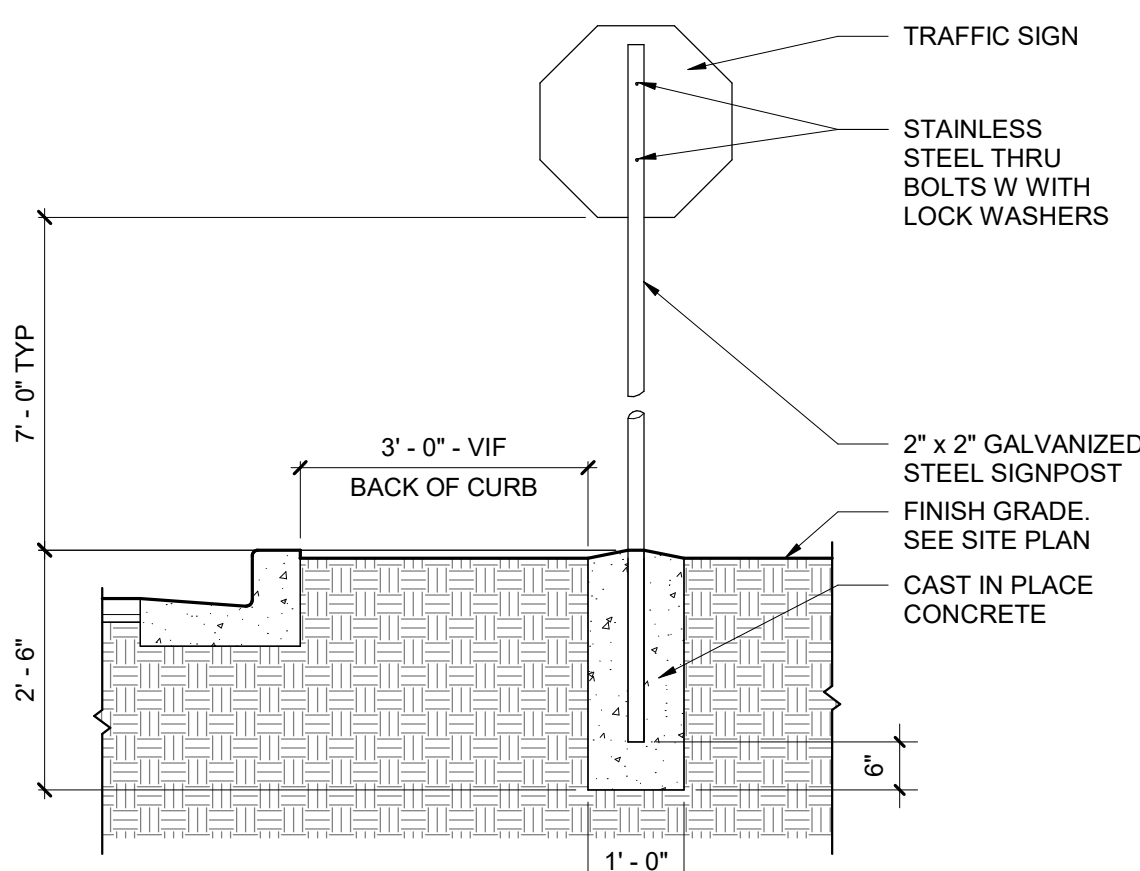
B4 TRAFFIC SIGNS
Scale: 1" = 1'-0"



B1 CONCRETE PAVEMENT
Scale: 1 1/2" = 1'-0"

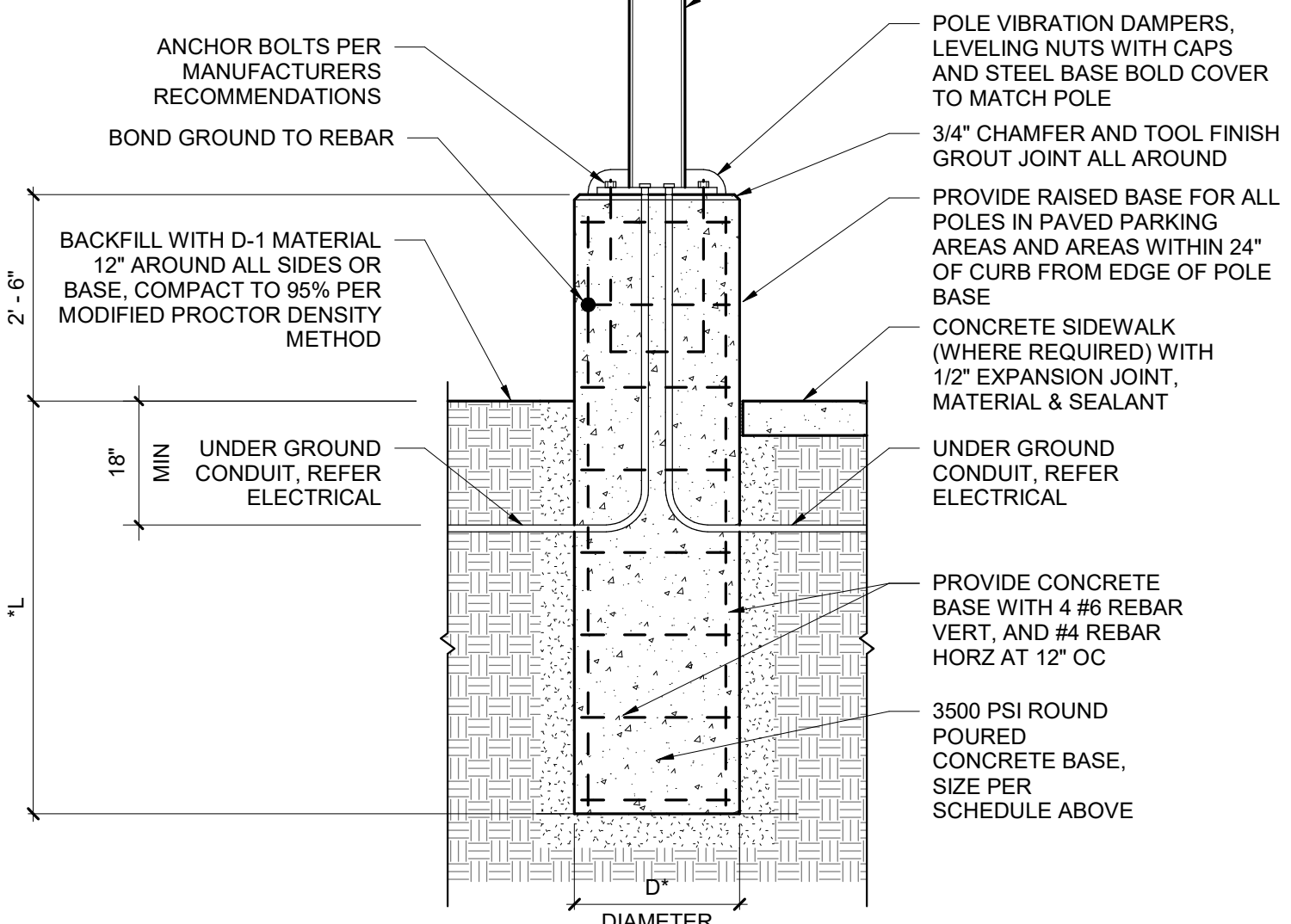


B2 CONTROL JOINT
Scale: 1 1/2" = 1'-0"

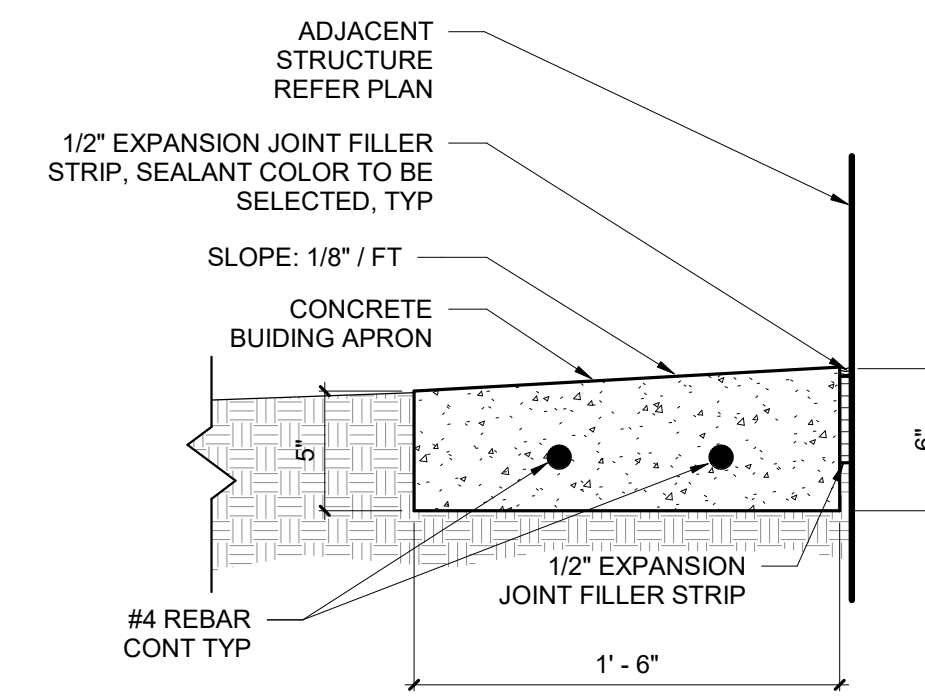


A2 STANDARD SIGN
Scale: 1/2" = 1'-0"

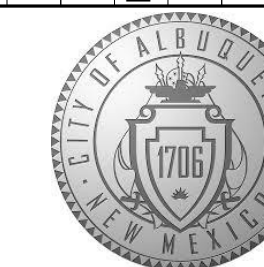
* POLE BASE LENGTH (L) BELOW FINISHED GRADE AND DIAMETER (D) AS FOLLOWS	
TOP OF POLE HEIGHT (HT) AFG	CONCRETE BASE LENGTH BELOW GRADE & DIAMETER
0' < HT ≤ 15'	48" L x 16" D
15' < HT ≤ 29'	60" L x 20" D
29' < HT ≤ 40'	72" L x 24" D



A3 LIGHT POLE BASE
Scale: 1/2" = 1'-0"



B5 CONCRETE BUILDING APRON
Scale: 1 1/2" = 1'-0"



CITY OF ALBUQUERQUE
CAPITAL IMPLEMENTATION PROGRAM
FIRE STATION #4

Drawing Title

SITE DETAILS - EPC

Design Review Committee

City Engineer Approval

Issue Date:
JULY 2024

City Project No.

587895

Sheet

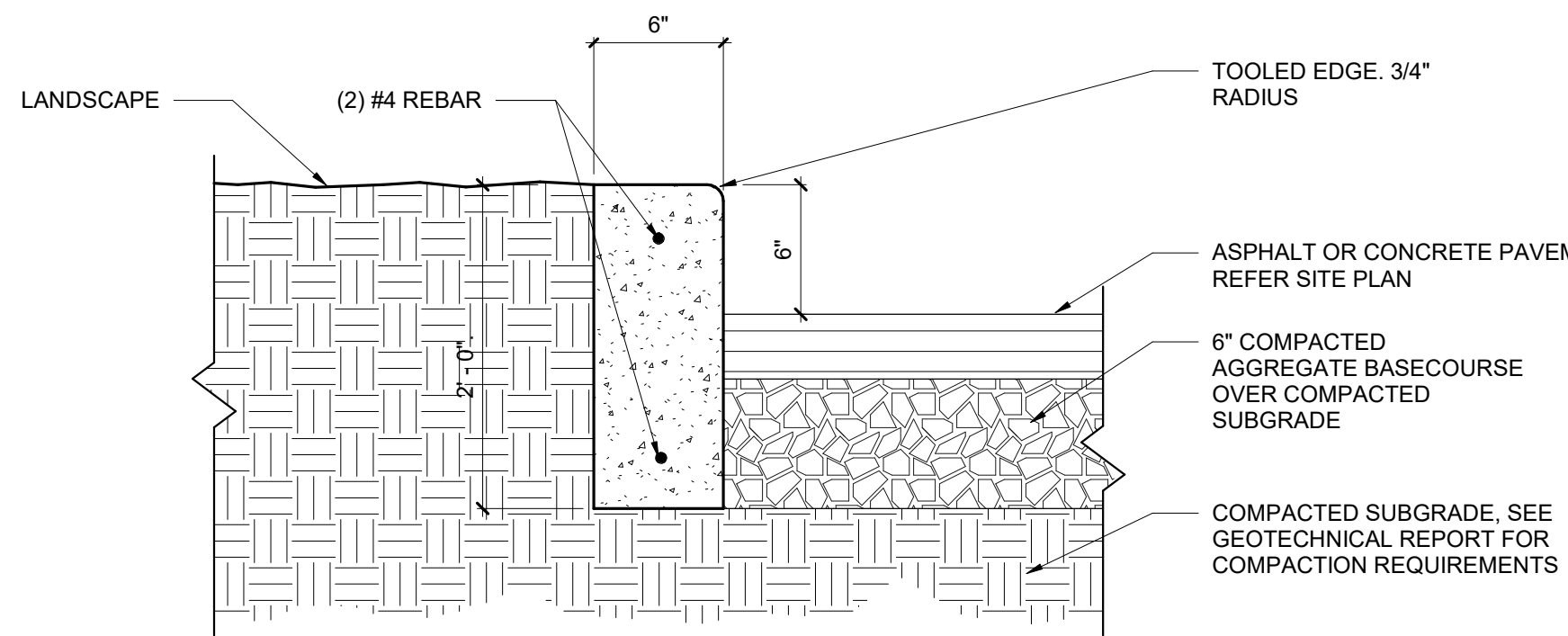
EPC-AS-502

AS-BUILT INFORMATION	
CONTRACTOR	DATE
WORK STACKED BY	DATE
FIELD ACCEPTANCE BY	DATE
REVISIONS BY	DATE
CORRECTED BY	DATE
MICRO-FILM INFORMATION	
RECORDED BY	DATE
NO.	

BENCH MARKS	
CONTRACTOR	DATE

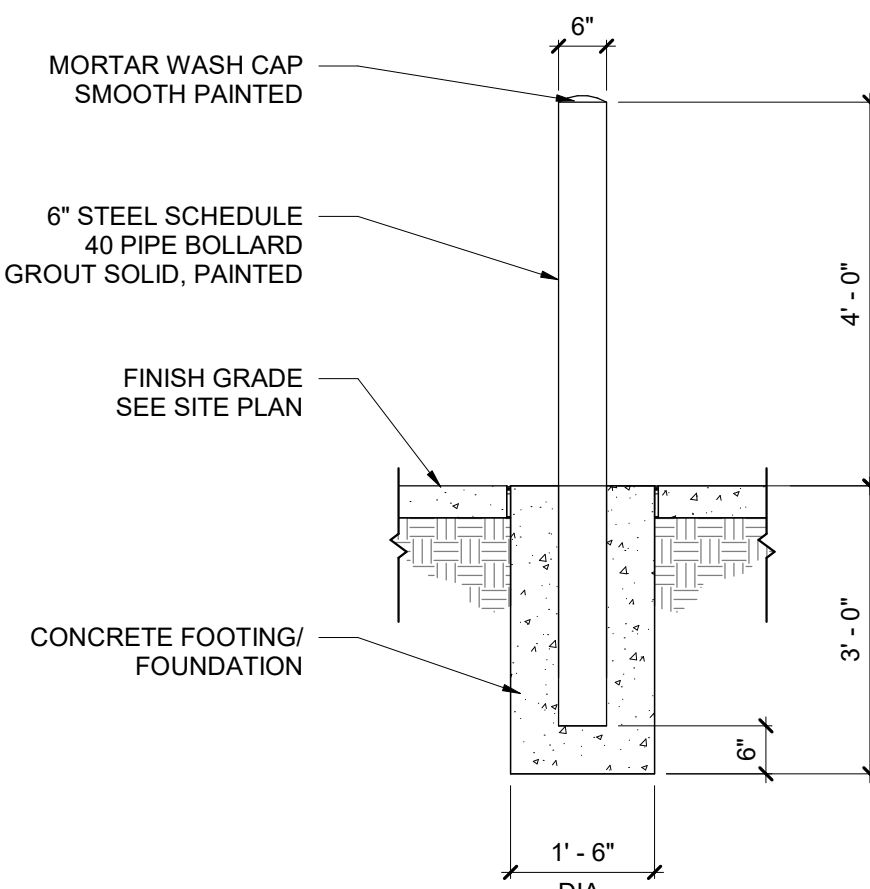
SURVEY INFORMATION	
FIELD NOTES	DATE

NO.	DATE	REMARKS	BY
95% CONSTRUCTION DOCUMENTS NOT FOR CONSTRUCTION			

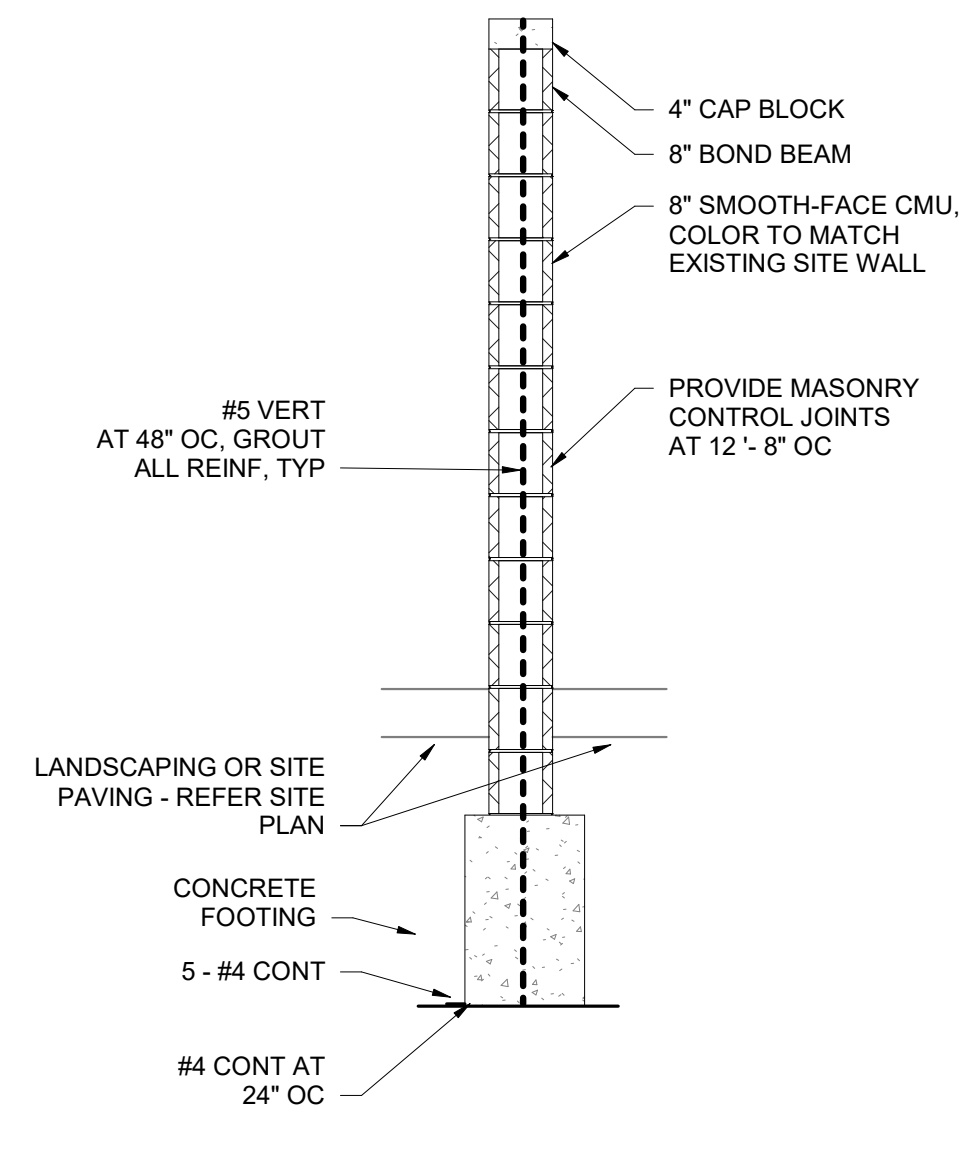


NOTES:
 1) EDGES NOT SPECIFICALLY DIMENSIONED SHALL BE EDGED WITH A 3/8" EDGING TOOL
 2) REQUIRES FULL FORM ON ALL FACES
 3) CONSTRUCTION CONTROL JOINTS AT 6' OC MAX
 4) 1/2" EXPANSION JOINTS 24' OC, CURB RETURNS AND EACH SIDE OF DRIVES

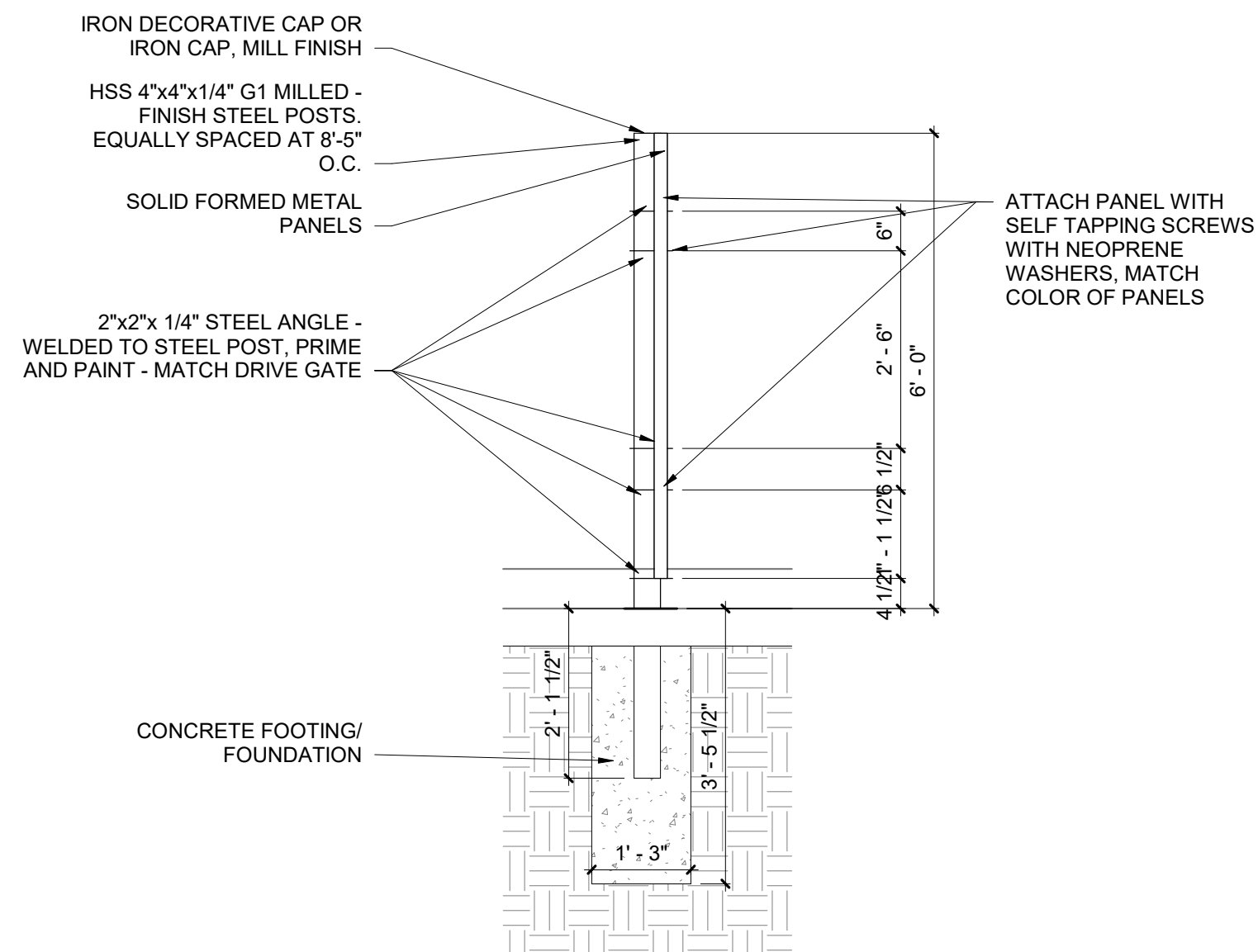
C1 HEADER CURB
 Scale: 1 1/2" = 1'-0"



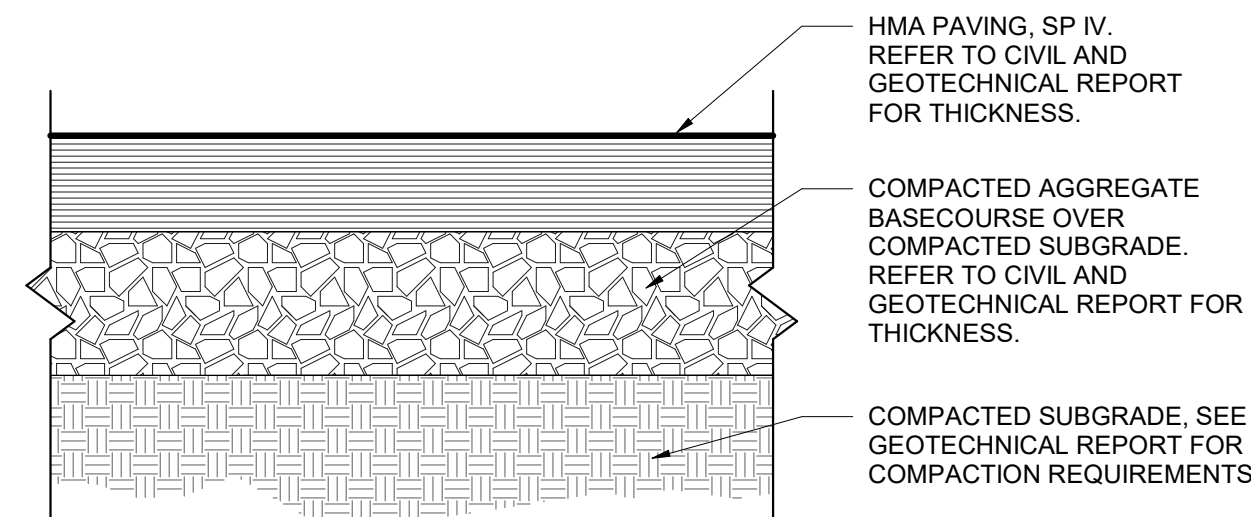
C2 BOLLARD
 Scale: 1/2" = 1'-0"



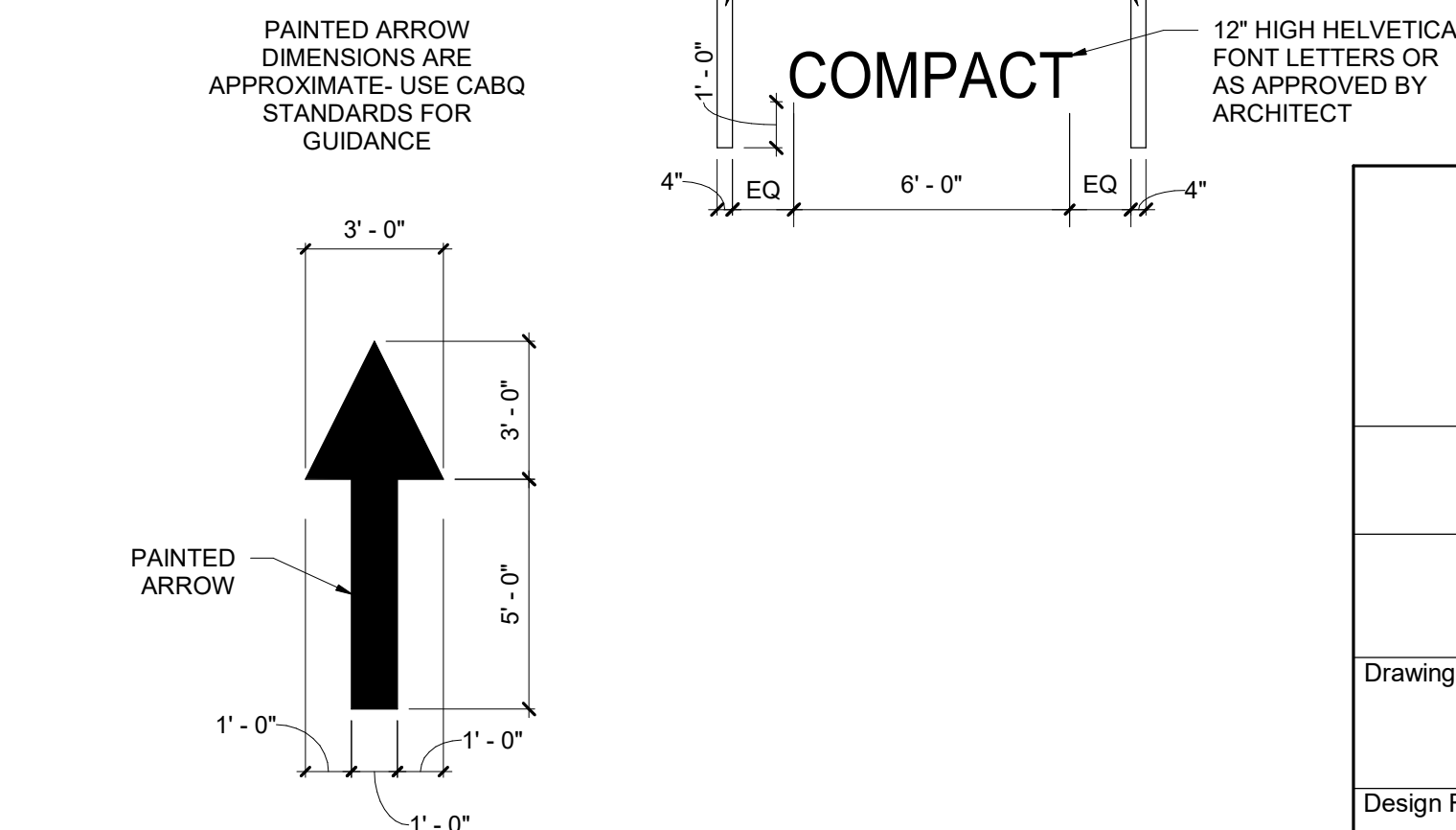
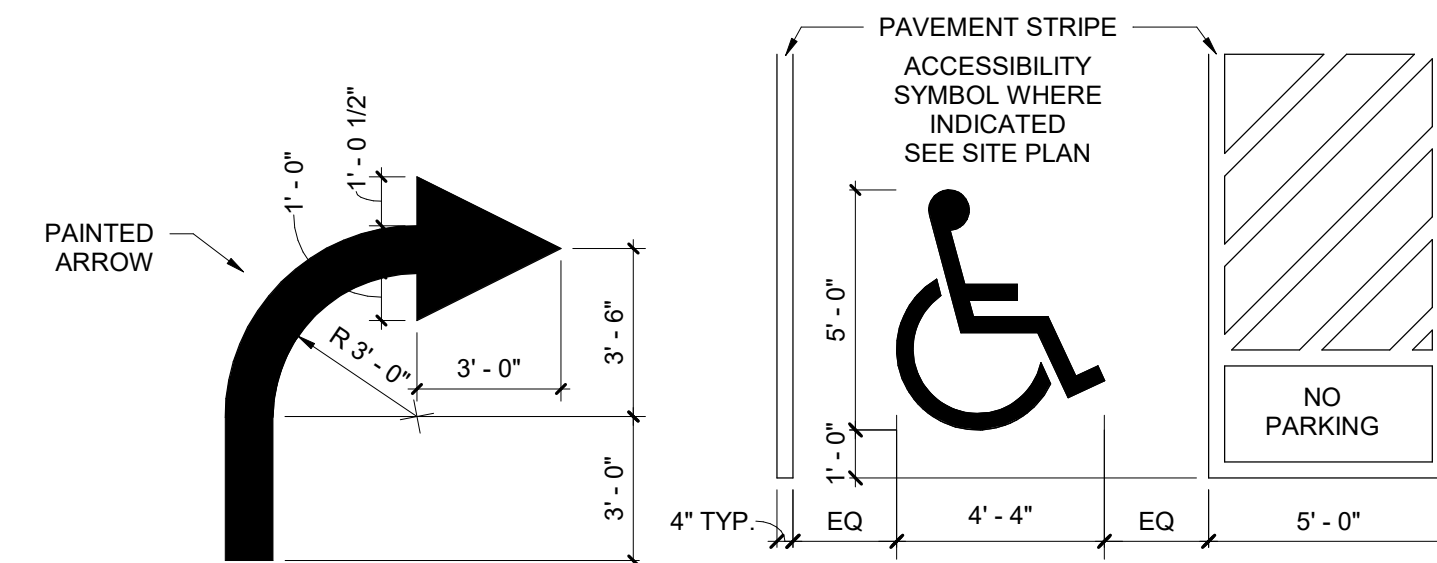
C4 SITE WALL
 Scale: 1/2" = 1'-0"



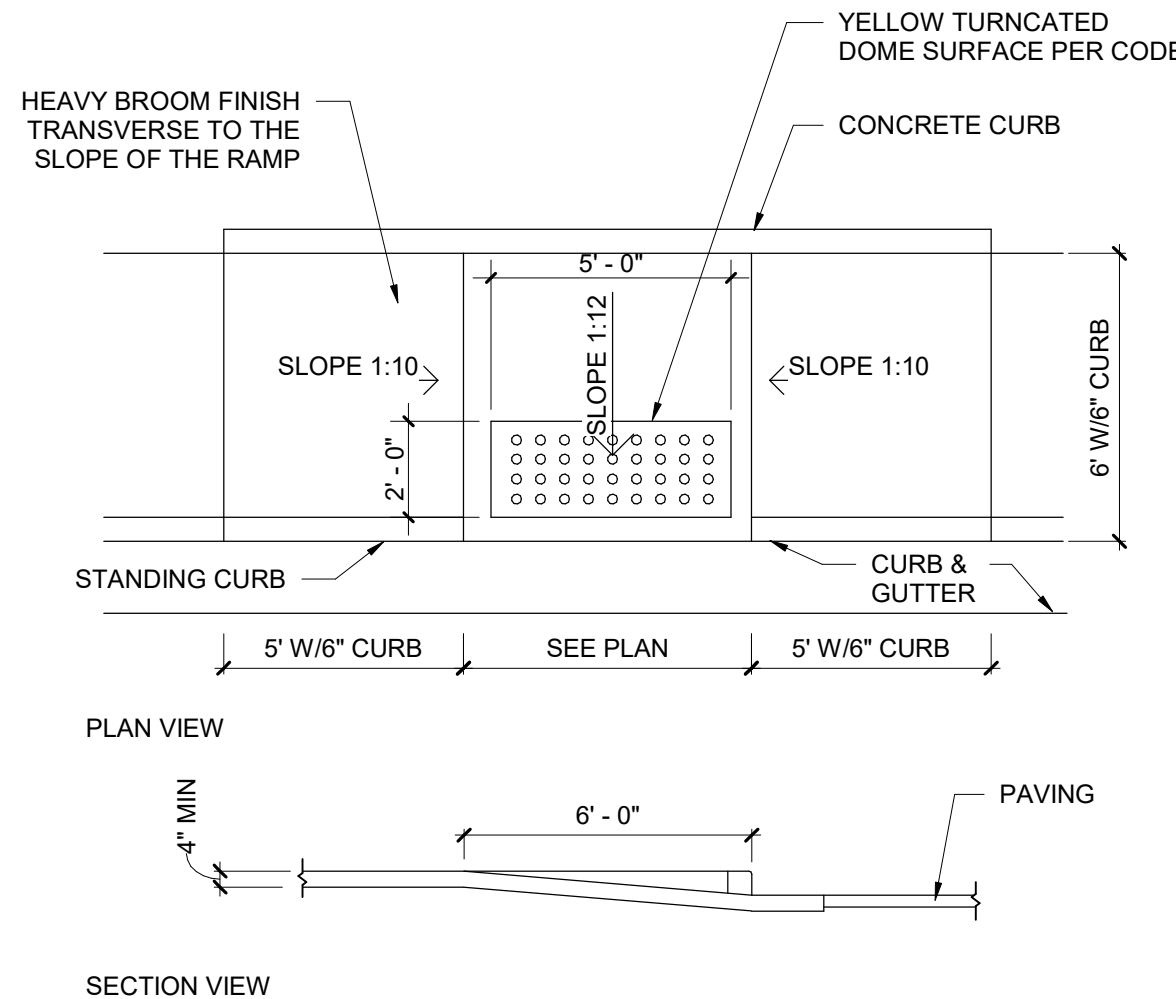
C5 SITE WALL
 Scale: 1/2" = 1'-0"



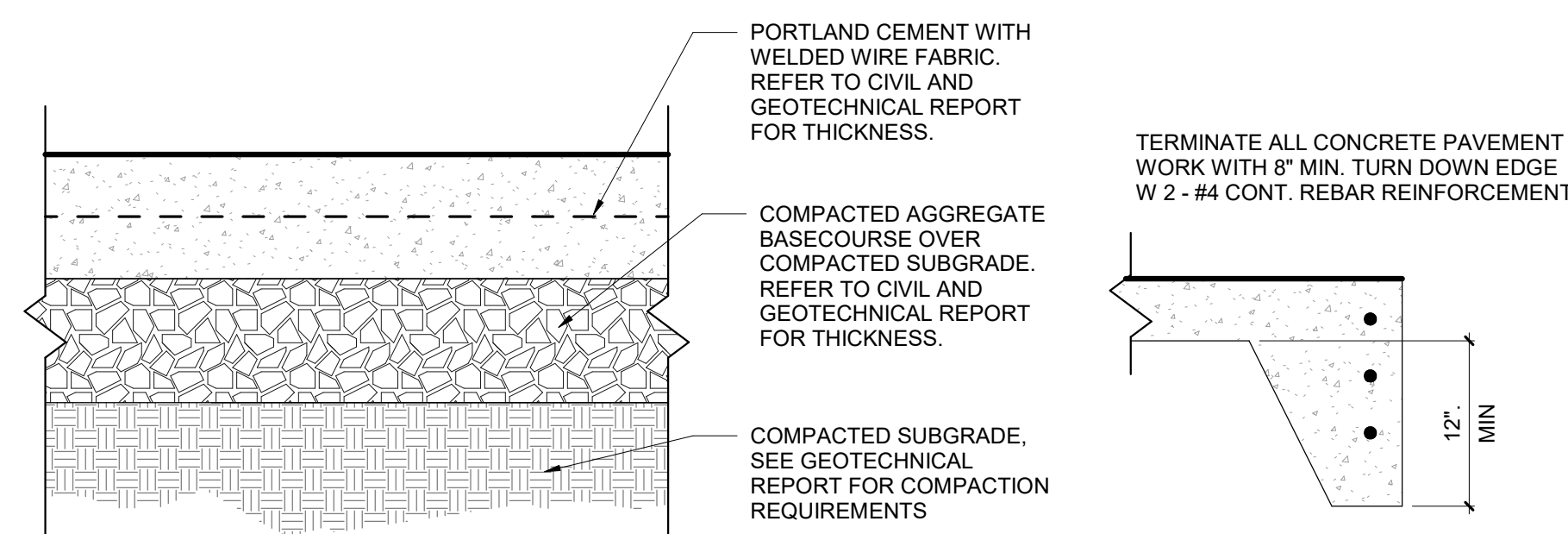
B2 ASPHALT PAVEMENT - HEAVY DUTY
 Scale: 1 1/2" = 1'-0"



A4 PAVEMENT MARKERS
 Scale: 1/4" = 1'-0"



A1 HANDICAP RAMP, TYPICAL
 Scale: 1/4" = 1'-0"



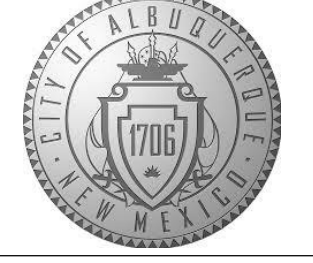
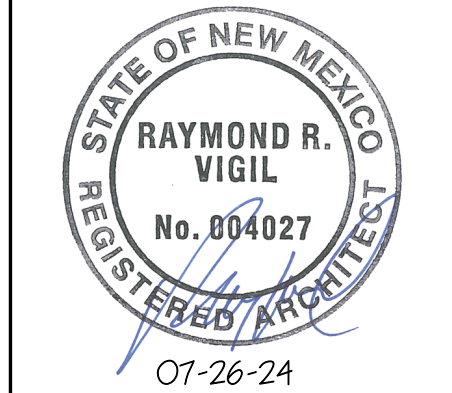
A2 HEAVY DUTY CONCRETE PAVEMENT
 Scale: 1 1/2" = 1'-0"

AS-BUILT INFORMATION	
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CITY OF ALBUQUERQUE
CAPITAL IMPLEMENTATION PROGRAM
FIRE STATION #4

Drawing Title		SITE DETAILS - EPC	
Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
Issue Date:	City Project No.	Sheet	
JULY 2024	587895		

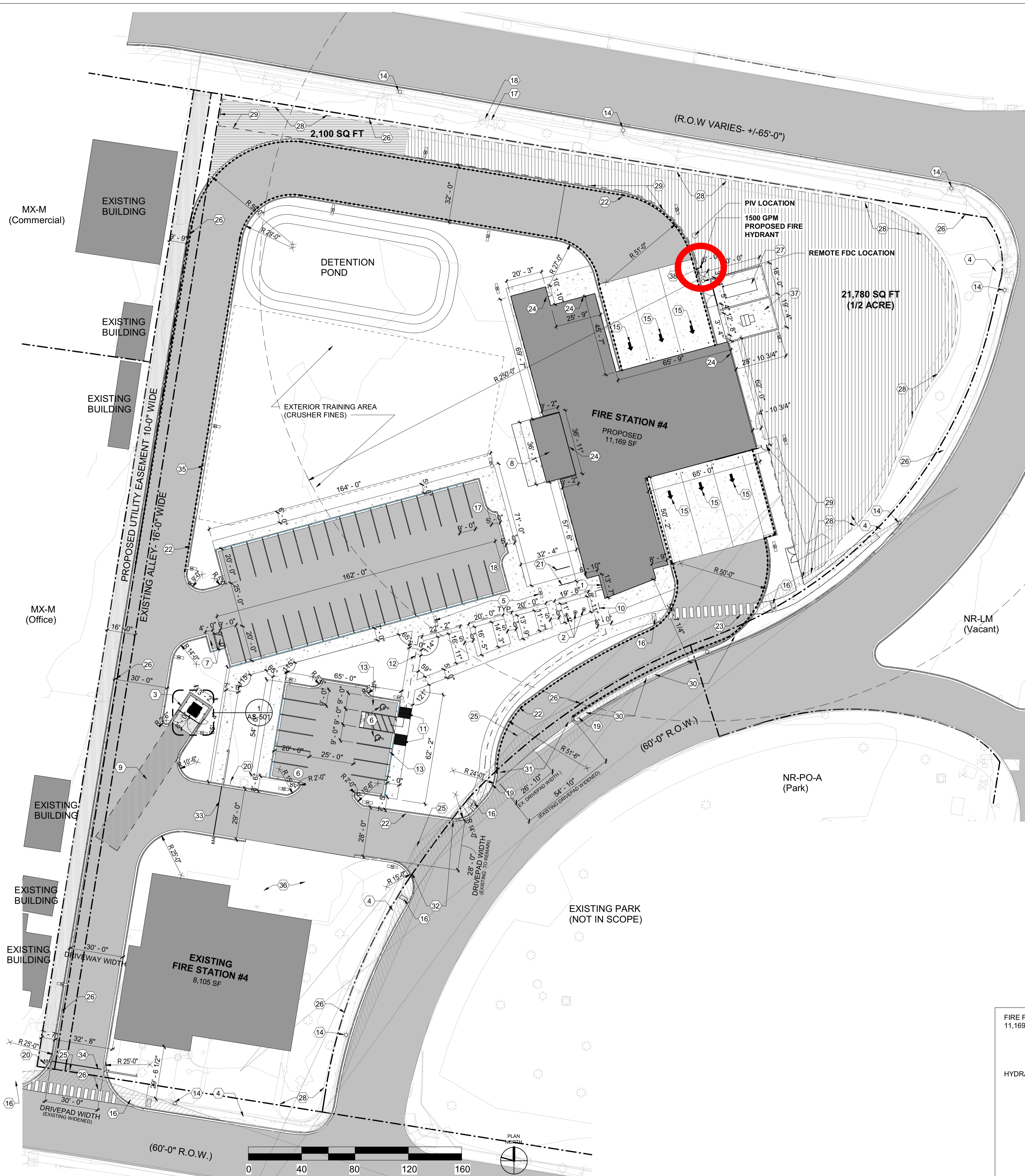
PROJECT NO.: 587895

D

C

B

A



GENERAL FIRE 1



City of Albuquerque Electronic Stamp
ALBUQUERQUE FIRE MARSHAL'S DIVISION OFFICE PLANS CHECKING DIVISION
PERMIT
 SUBJECT: SUBFACE
 PERMIT NUMBER: FP-24-020123
 APPROVED DATE: 07/11/24
APPROVED
 THESE CONSTRUCTION DOCUMENTS WERE REVIEWED AND APPROVED BY THE ALBUQUERQUE FIRE MARSHAL'S OFFICE IN ACCORDANCE WITH THE CITY ORDINANCE, THE INTERNATIONAL FIRE CODE, AND NFPA STANDARDS. THIS PERMIT IS VALID FOR 180 DAYS. FINAL INSPECTION IS REQUIRED.

- ACCESS AND LOADING: AN APPROVED SIGN SHALL BE AN ASPHALT, CONCRETE OR CAPABLE OF SUPPORTING THE IMPOSED WEIGHTING AT LEAST 75,000 LBS.
- FIRE APPARATUS ROADS SHALL NOT

SHEET KEYNOTES - FIRE 1

- PROPOSED ENTRY DOOR
- NEW 30' FLAGPOLE W/ INTEGRAL LIGHT, TYP. OF 3 SEE C3/AS-502
- REFUSE ENCLOSURE COMPLIANT WITH CABQ STANDARDS SEE DETAIL B5/AS-501 + C3/AS-501
- EXISTING SIDEWALK TO REMAIN
- NEW 16' LIGHTPOLE
- HANDICAP PARKING PER CABQ STANDARD
- MOTORCYCLE PARKING
- COVERED PATIO WITH LOOSE FURNITURE, 613 SF
- PROPOSED 85' REFUSE VEHICLE CLEARANCE
- ADA ACCESS PATH (163 FT TOTAL PATH FROM ROW)
- ACCESSIBLE SIDEWALK RAMP WITH ADA TRUNCATED DOME MAT PER CABQ STD DTL 2443 SEE A1/AS-503
- ADA ACCESS PATH (188 FT TOTAL PATH FROM ADA PARKING)
- ACCESSIBLE HANDICAP PARKING SIGN WITH WITH CABQ STD LANGUAGE SIGN SEE A2/AS-502
- EXISTING STREET LIGHT TO REMAIN
- PAVEMENT DIRECTION MARKERS SEE A4/AS-503
- ACCESSIBLE DRIVEPAD RAMP WITH ADA TRUNCATED DOME MAT PER CABQ STD DTL 2443 DETAIL C
- EXISTING TRANSFORMER TO REMAIN
- EXISTING ELECTRICAL POWER BOX TO REMAIN
- NEW CABQ STANDARD "DO NOT ENTER" SIGN
- NEW STANDARD "OFFICIAL VEHICLES ONLY BEYOND THIS POINT" SIGN
- NEW BICYCLE RACK SEE B3/AS-501
- 6" CURB AND GUTTER PER CABQ STD DETAIL TYP.
- CROSSWALK STRIPES- INTEGRALLY COLORED CONCRETE- CAST FLUSH W/ ADJACENT- COLOR TO BE GOLD YELLOW INTEGRAL CONCRETE- 2'X6' STRIPES EA. AT 2' APART TO EXTENTS SHOWN
- PROPOSED EXIT DOOR LOCATION
- CLEAR SIGHT TRIANGLE PER CABQ DPM 7.4.9.3
- PROPERTY LINE
- GENERATOR ENCLOSURE
- EXISTING SITE FENCE
- RE-USED SITE FENCE INSTALLATION
- EXISTING CURB ISLAND TO REMAIN IN PLACE
- EXISTING DRIVEPAD ENTRANCE TO REMAIN BUT WIDEN TO EXTENTS SHOWN
- EXISTING DRIVEPAD ENTRANCE TO REMAIN BUT REPLACE ENTERING CURB RADII TO EXTENTS SHOWN
- RE-USED EXISTING GATE - CONTRACTOR TO CONFIRM AND PROCURE NECESSARY PARTS TO COMPLETE RELOCATION, INCLUDING ELECTRIC OPERATOR WITH MAGNETIC INDUCTION LOOP IN PAVEMENT ON SECURE SIDE AND A PEDAL KEYPAD ON UNSECURED SIDE COORDINATE POWER CONDUITS AND ANY COMMUNICATION REQUIREMENTS FULLY WITH OPERATOR UNIT MFR.
- NEW GATE INSTALLATION TO MATCH EXISTING - CONTRACTOR TO PROVIDE ELECTRIC OPERATOR WITH MAGNETIC INDUCTION LOOP IN PAVEMENT ON SECURE SIDE AND A PEDAL KEYPAD ON UNSECURED SIDE COORDINATE POWER CONDUITS AND ANY COMMUNICATION REQUIREMENTS FULLY WITH OPERATOR UNIT MFR.
- 6" ROLLED CURB & GUTTERS SEE CIVIL
- EXISTING CONCRETE DRIVEPAD TO REMAIN
- TRANSFORMER ENCLOSURE
- NEW FIRE HYDRANT

NOTE: DASHED LINE: - - - - -
 DENOTES RED PAINTED FIRE LANE LOCATION EXTENTS.

CODE ANALYSIS

ADDRESS: 301 MCKNIGHT AVE NW
 Albuquerque, NM 87102

APPLICABLE CODES:
 2021 INTERNATIONAL BUILDING CODE (2021 IBC)
 2021 NEW MEXICO COMMERCIAL BUILDING CODE
 2021 NEW MEXICO PLUMBING & MECHANICAL CODE
 2020 NEW MEXICO ELECTRICAL CODE
 2018 INTERNATIONAL ENERGY CONSERVATION CODE
 2015 INTERNATIONAL FIRE CODE
 ICC/ANSI A117.1-2010 ACCESSIBILITY STANDARDS

OCCUPANCY CLASSIFICATION-FIRE STATION: MIXED OCCUPANCIES
 GROUP R-3 RESIDENCE, CONGREGATE LIVING FACILITY
 GROUP A-3 ASSEMBLY
 GROUP S-2 STORAGE, LOW HAZARD

CONSTRUCTION TYPE:
 Per IBC Table 601
 TYPE IIB, NEW CONSTRUCTION

SEISMIC DESIGN CATEGORY: D, REFER STRUCTURAL NOTES

BUILDING AREA:
 BUILDING AREA IS THE AREA INCLUDED WITHIN SURROUNDING EXTERIOR WALLS EXCLUDING VENT SHAFTS AND COURTS (IBC 503).
 AS SHOWN: 11,169 SF FIRE STATION

ALLOWABLE TABLE 506.2:
 GROUP R-3: UNLIMITED
 GROUP S-2: 104,000 SF
 GROUP A-3: 38,000 SF

1 HR SEPARATION IS REQUIRED BETWEEN SLEEPING ROOMS AND REST OF SPACE AT FIRE STATION

FIRE-PROTECTION SYSTEM: BUILDING IS EQUIPPED WITH AN APPROVED AUTOMATIC SPRINKLER SYSTEM

MANUAL FIRE ALARM SYSTEM (IBC 907.2.2):
 - NOT REQUIRED BUT PROVIDED

PORTABLE FIRE EXTINGUISHERS (IBC & IFC 906):
 - 4 REQUIRED: 4 PROVIDED

AUTOMATIC FIRE DETECTION SYSTEM (IBC 907.2 & IFC 906):
 - PROVIDED

OCCUPANT LOAD:
 PER IBC TABLE 1004.1.1
 FIRE STATION-
 GROUP R-3: (SLEEPING AREAS) 1416 SF / 200 SF = 7 OCC (ACTUAL COUNT IS 11)
 GROUP S-2: (APP BAY AND SUPPORT AREAS) 5,688 SF / 300 SF = 19
 GROUP A-3:
 EXERCISE ROOM AT 1:50- 495 SF / 50 = 10
 DAY AREA AT 1:15 NET- 807 SF / 15 = 54
 KITCHEN AT 1:15 NET- 382 SF / 15 = 26
 CONFERENCE AT 1:15 NET- 454 SF / 15 = 31
 TOTAL A-3: 151

TOTAL OCCUPANTS- FIRE STATION: 151 OCC

ALLOWABLE BUILDING HEIGHT: GROUP A-3, S-2 AND R-3 TYPE IIB SPRINKLERED: (MOST RESTRICTIVE):
 75 FT (3 STORY) WHEN SPRINKLERED PER IBC TABLES 504.3 & 504.4

ACTUAL BUILDING HEIGHT: 1 STORY NEW CONSTRUCTION, 30FT

EGRESS WIDTH: OVERALL (TOTAL NEW BUILDING TOTAL OCCUPANT LOAD 151)
 PER IBC 1005.1
 EGRESS COMPONENTS-REQUIRED: 151 X 2 IN/OCC = 30.2 IN
 EGRESS COMPONENTS-PROVIDED: 231"

AS-BUILT INFORMATION	
CONTRACTOR	DATE
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BY	DATE

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NO.	DATE
REMARKS	DATE



CITY OF ALBUQUERQUE
 CAPITAL IMPLEMENTATION PROGRAM
FIRE STATION #4

FIRE1 SITE PLAN

Drawing Title			
Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
Issue Date:	City Project No.	Sheet	
JULY 2024	587895	FIRE1	

FIRE FLOW (IFC 2015 APPENDIX B) TABLE B105.1 TYPE IIB SPRINKLERED AT 11,169 SF:
 REQUIRED: =PER TABLE B105.1 THIS IS 1/2 OF TABULAR VALUE OF 2250 = 1125 GPM FOR 2 HOURS.
 PROVIDED: 1500 GPM FOR 2 HOURS

HYDRANTS: (IFC APPENDIX C) TABLE C102.1:
 REQUIRED: 1 FIRE HYDRANT AND 225 MAX FROM FRONTAGE TO HYDRANT.
 PROVIDED: 1 FIRE HYDRANT LESS THAN 250 FT FROM THE BUILDING FRONTAGE

-PROPOSED HYDRANT BEHIND THE ENTRANCE TO THE APPARATUS BAY