

# SITE DATA

LEGAL DESCRIPTION:  
TRACT 12-A-1 BULK LAND PLAT FOR EL RANCHO GRANDE TRACTS 8-A, 9-B-1, 9-B-2, 11-A, 12-A-1, 12-A-2, AND 13-D.  
SIZE: 6.78 ACRES

EXISTING ZONING: R-1A  
PROPOSED ZONING: NR-SU  
PROPOSED LAND USE: FIRE AND POLICE STATION, OFFICE SPACE

PEDESTRIAN AND VEHICLE ACCESS: PRIMARY VEHICULAR AND PEDESTRIAN ACCESS IS FROM AMOLE MESA AVENUE. A NEW 6 FOOT SIDEWALK WILL BE CONSTRUCTED ALONG AMOLE MESA, WITH PEDESTRIAN CONNECTIONS FROM THE SIDEWALK TO THE BUILDINGS.  
BUS ROUTES: ROUTE 198 ALONG 98TH STREET, WITH A PEAK FREQUENCY OF 30 MINUTES

# PARKING REQUIREMENTS

PARKING CALCULATIONS:  
PER IDO TABLE 5-5-1 MINIMUM OFF STREET PARKING REQUIREMENTS:  
• FIRE STATION OR POLICE STATION: 2 SPACES/ 1,000 SQ. FT. GFA  
• OFFICE: 3.5 SPACES PER 1000 SQ. FT. GFA

TOTAL REQUIRED:  
FIRE STATION #23- 12,356 SF, SO (12,356/1000)\*2 = 24.7 SPACES  
POLICE STATION- 3,170 SF, SO (3,170/1000)\*2 = 6.34 SPACES  
ACS- 3,387 SF, SO (3,387/1000)\*3.5 = 11.85 SPACES

TOTAL REQUIRED = 42.89 SPACES, SO 43 SPACES TOTAL

TOTAL PROVIDED:  
82 SPACES TOTAL ON SITE, OF WHICH 4 ARE HC ACCESSIBLE

PER 5-5(D)(1):  
A TOTAL OF 2 MOTORCYCLE SPACES ARE REQUIRED  
3 TOTAL MOTORCYCLE SPACES ARE PROVIDED.

PER TABLE 5-5-5 MINIMUM BICYCLE PARKING REQUIREMENTS:  
3 SPACES OR 10% OF REQUIRED OFF STREET PARKING SPACES WHICHEVER IS GREATER IS REQUIRED.  
SO A TOTAL OF 5 BICYCLE SPACES ARE MINIMUM REQUIRED.  
TOTAL PROVIDED IS 6

OVERLAY ZONES	NONE APPLY TO THIS SITE
ALLOWABLE USES	PER IDO SECTION 4-2, CIVIC AND INSTITUTIONAL USES SUBCATEGORY - FIRE STATION, POLICE SUBSTATION, ACS OFFICE, PER NR-SU
USE-SPECIFIC STANDARDS	NONE APPLY
DIMENSIONAL STANDARDS	PER TABLE 5-1-3 - SITE STANDARDS, SETBACK STANDARDS, AND BUILDING HEIGHT
SITE DESIGN AND SENSITIVE LANDS	NO SENSITIVE LANDS PRESENT
ACCESS AND CONNECTIVITY	PER IDO SECTION 5-3(E)(3)(c)
SUBDIVISION OF LAND	PER IDO SECTION 5-4
PARKING AND LOADING	PER IDO SECTION 5-5
LANDSCAPING, BUFFERING, AND SCREENING	PER IDO SECTION 5-6(E)(1) FOR EAST EDGE FACING CUL-DE-SAC AND NORTH EDGE ABUTTING R-ML
WALLS AND FENCES	PER IDO SECTION 5-7 AND TABLE 5-7-1 MAXIMUM WALL HEIGHT - ALONG NORTH EDGE
OUTDOOR AND SITE LIGHTING	PER IDO SECTION 5-8 AND TABLE 5-8-1
NEIGHBORHOOD EDGES	PER IDO SECTION 5-9 - BUILDING IS LESS THAN 30 FEET IN HEIGHT BUT GREATER THAN 100 FEET FROM THE R-ML ZONE TO THE NORTH AND THE R-1 ZONE TO THE EAST
SOLAR ACCESS	PER IDO SECTION 5-10
BUILDING DESIGN	NO STREET FACING FACADES AS DEFINED BY THE IDO - BUILDING DESIGN AS INDICATED ON THE PROPOSED BUILDING ELEVATIONS
SIGNS	PER IDO SECTION 5-12 AND TABLE 5-12-2, AS INDICATED ON PROPOSED BUILDING ELEVATIONS - NO FREESTANDING SIGN PROPOSED
OPERATION AND MAINTENANCE	PER IDO SECTION 5-13

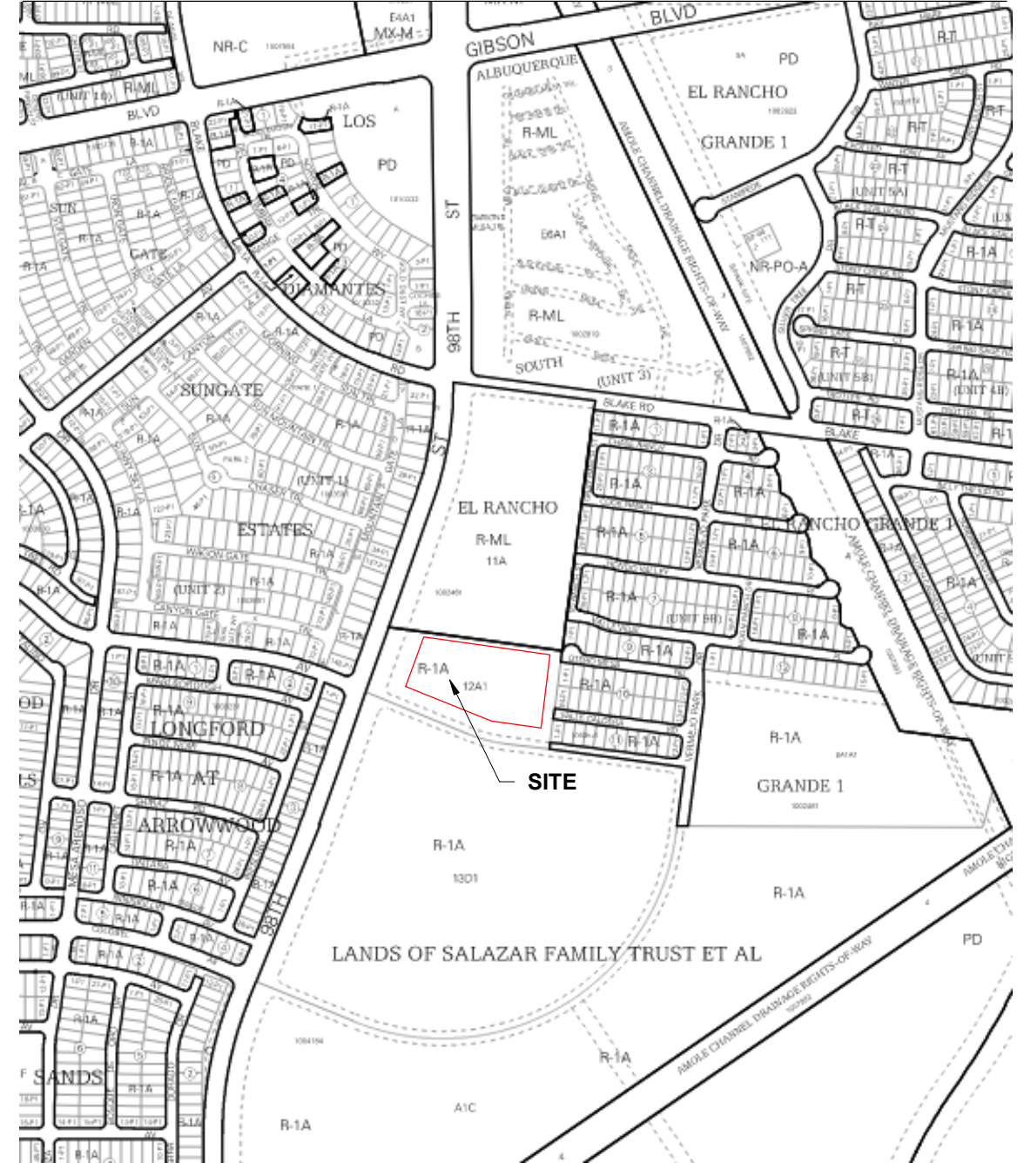
PROJECT NUMBER: PR-2023-009216  
Application Number: SI-2024-00096

This plan is consistent with the specific Site Development Plan approved by the Environmental Planning Commission (EPC) dated October 19th 2023 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 *Herman Gallegos* 01-31-24  
Solid Waste Management
  - Planning Department

# VICINITY MAP



- GENERAL SHEET NOTES**
- ALL LIGHT FIXTURES SHALL BE IN COMPLIANCE WITH IDO SECTION 5-8 OUTDOOR AND SITE LIGHTING.
  - 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.
  - ALL INTERNAL SIDEWALKS SHALL BE 5 FEET IN WIDTH.
  - ONSITE TRANSFORMERS SHALL HAVE A 5-FOOT CLEAR AREA ON THE SIDES AND REAR AND A 10-FOOT CLEAR AREA IN FRONT TO ALLOW FOR ACCESS AND MAINTENANCE.

SHEET KEYNOTES	
1	6' ORNAMENTAL FENCING
2	16' LIGHTPOLE (NIGHT SKY COMPLIANT)
3	EXISTING DWELLING UNITS WITHIN 20 FEET OF SITE
4	8 FOOT CMU WALL SEE (DETAIL NUMBER)
5	BICYCLE RACK- SEE DETAIL THIS PAGE
6	MINI CLEAR SIGHT TRIANGLE PER CABQ DPM 7.4.94
7	TRASH ENCLOSURE
8	SIGN READING "OFFICIAL VEHICLES ONLY BEYOND THIS POINT" AT THIS LOCATION
9	EXISTING STOP SIGN
10	EXISTING PEDESTRIAN CROSSING SIGN
11	EXISTING MEDIAN
12	EXISTING BUS STOP WITH SHELTER
13	EXISTING BIKE LANE
14	EXISTING STREET LIGHT
15	ACCESSIBLE SIDEWALK RAMP WITH ADA TRUNCATED DOME MAT PER CABQ STD DTL 2443 DETAIL C
16	EXISTING SIDEWALK
17	HANDICAPPED PARKING
18	MOTORCYCLE PARKING
19	COVERED PATIO WITH LOOSE FURNITURE, 614 SQUARE FEET
20	COVERED PATIO WITH LOOSE FURNITURE, 485 SQUARE FEET
21	COVERED PATIO WITH LOOSE FURNITURE, 475 SQUARE FEET
22	EXISTING PEDESTRIAN CROSSING
23	LOCATION OF DRIVEWAY FOR FUTURE CITY TRANSIT PROJECT
24	PAD MOUNTED ELECTRICAL TRANSFORMER
25	ACCESSIBLE DRIVEPAD RAMP WITH ADA TRUNCATED DOME MAT PER CABQ STD DTL 2443 DETAIL C
26	PROPOSED UTILITY/ ELECTRICAL EASEMENT- TO HATCH EXTENTS SHOWN
27	EXISTING CUL-DE-SAC
28	6'-0" TALL ORNAMENTAL CANTILEVER GATE, PROVIDE ELECTRIC OPERATOR WITH MAGNETIC INDUCTION LOOP IN CONCRETE PAVEMENT ON SECURESIDE AND A PEDESTAL KEYPAD ON UNSECURED SIDE. COORDINATE POWER, CONDUITS, AND ANY COMMUNICATION REQUIREMENTS FULLY WITH OPERATOR UNIT MANUFACTURER REQUIREMENTS
29	6' SOLID METAL PANEL WALL (DARK BROWN) SEE DETAIL C5/AS-503
30	PAINTED PAVEMENT STRIPE- STOP LINE, WHITE COLOR
31	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
32	ADA ACCESS PATH
33	PROPOSED DOOR LOCATION
34	6" CURB AND GUTTER TYP.
35	6" STANDING CURB TYP.
36	PROPOSED STANDARD "DO NOT ENTER" TRAFFIC SIGN
37	PROPOSED STANDARD "STOP" TRAFFIC SIGN
38	18" SLOPED CONCRETE MOW STRIP- REFERENCE SITE DETAILS
39	NEW 6' WIDE SIDEWALK PER CABQ STANDARDS
40	EXTENTS OF NEW SIDEWALK- ABUT FLUSH TO EXISTING SIDEWALK RE: CIVIL DRAWINGS
41	NEW 4' WIDE LANDSCAPE BUFFER PER CABQ STANDARDS
42	MOTORCYCLE PARKING SIGNAGE- SEE DETAIL THIS SHEET
43	HC PARKING SIGNAGE- SEE DETAIL THIS SHEET

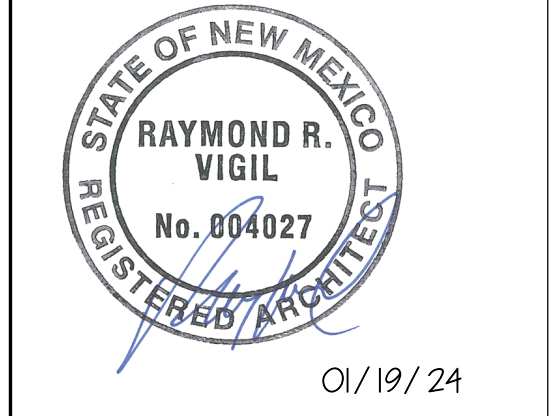
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WORK STACKED BY	DATE
FIELD ACCEPTANCE BY	DATE
FIELD VERIFICATION BY	DATE
REVISIONS BY	DATE
CORRECTED BY	DATE
MICRO-FILM INFORMATION	NO.
RECORDED BY	DATE

BENCH MARKS	
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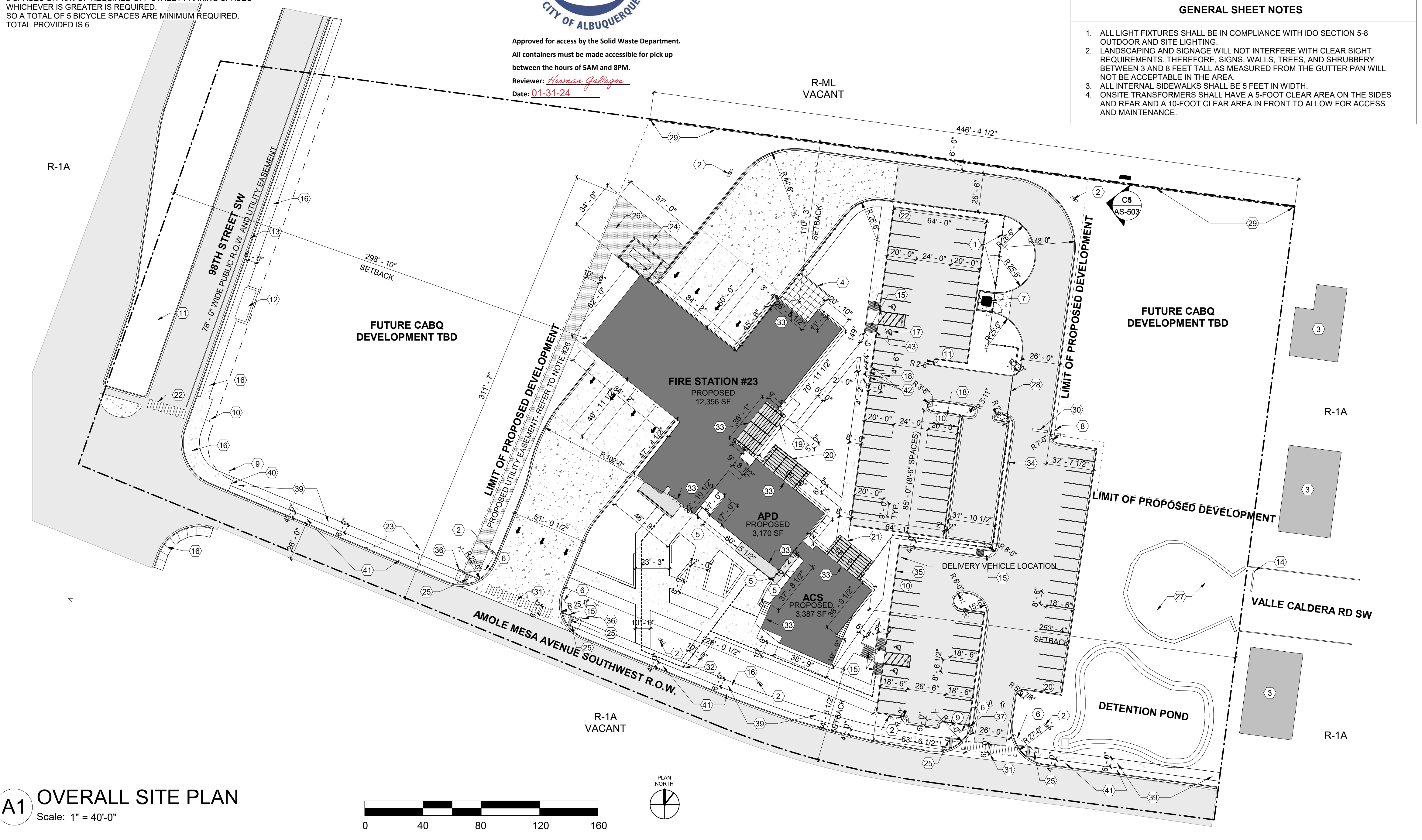
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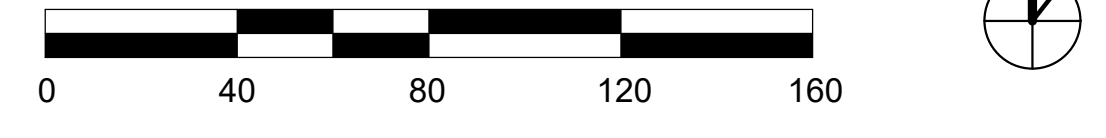
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Designed By:	DATE
Drawn By:	DATE
Checked By:	DATE

**LEGEND**

- PROPOSED BUILDING
- EXISTING BUILDING
- PAVED ASPHALT
- PAVED CONCRETE
- LANDSCAPE AREA
- PROPOSED 10' WIDE ELECTRICAL EASEMENT
- WEATHERED STEEL ORNAMENTAL FENCE
- WEATHERED STEEL GATE



**A1 OVERALL SITE PLAN**  
Scale: 1" = 40'-0"



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**CITY OF ALBUQUERQUE**  
CAPITAL IMPLEMENTATION PROGRAM  
**SOUTHWEST PUBLIC SAFETY CENTER**

Drawing Title: **SITE PLAN - EPC**

Design Review Committee: City Engineer Approval

Issue Date: **JANUARY 2024** City Project No. **7858.91** Sheet **AS - 101**



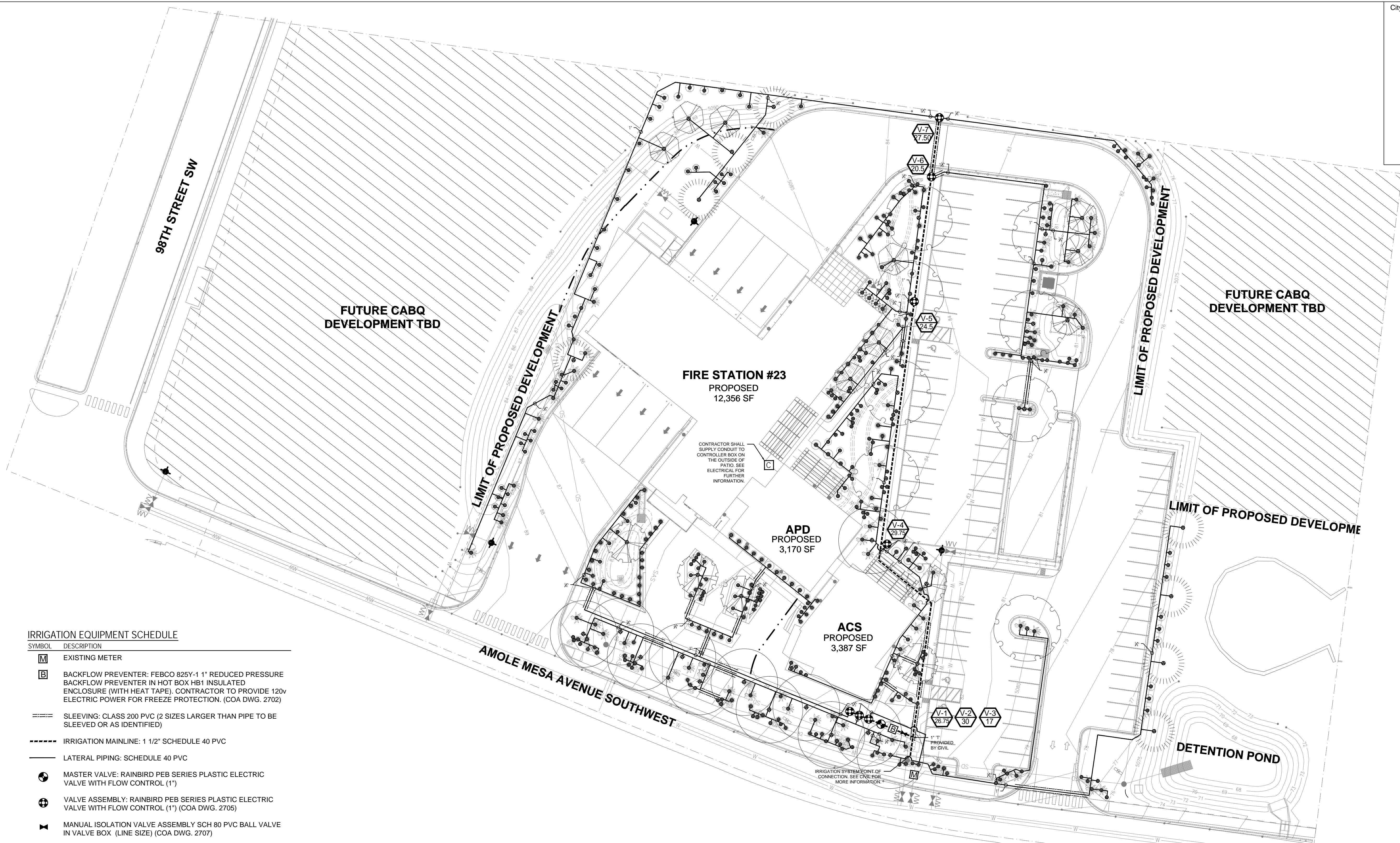
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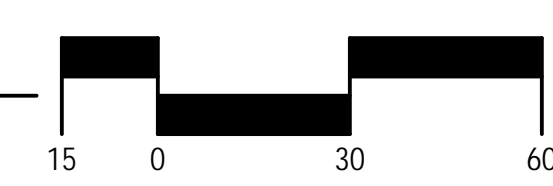
**IRRIGATION EQUIPMENT SCHEDULE**

SYMBOL	DESCRIPTION
	EXISTING METER
	BACKFLOW PREVENTER: FEBCO 825Y-1 1" REDUCED PRESSURE BACKFLOW PREVENTER IN HOT BOX HB1 INSULATED ENCLOSURE (WITH HEAT TAPE). CONTRACTOR TO PROVIDE 120V ELECTRIC POWER FOR FREEZE PROTECTION. (COA DWG. 2702)
	SLEEVING: CLASS 200 PVC (2 SIZES LARGER THAN PIPE TO BE SLEEVED OR AS IDENTIFIED)
	IRRIGATION MAINLINE: 1 1/2" SCHEDULE 40 PVC
	LATERAL PIPING: SCHEDULE 40 PVC
	MASTER VALVE: RAINBIRD PEB SERIES PLASTIC ELECTRIC VALVE WITH FLOW CONTROL (1")
	VALVE ASSEMBLY: RAINBIRD PEB SERIES PLASTIC ELECTRIC VALVE WITH FLOW CONTROL (1") (COA DWG. 2705)
	MANUAL ISOLATION VALVE ASSEMBLY SCH 80 PVC BALL VALVE IN VALVE BOX (LINE SIZE) (COA DWG. 2707)
	BUBBLER ASSEMBLY: RAIN BIRD 1401 PRESSURE COMPENSATING, TRICKLE PATTERN BUBBLER, 1 BUBBLER (.25 GPM @ 30 PSI) = (.25 GPM PER SHRUB), INSTALL PER COA DWG. 2712.
	TREE BUBBLER: RAIN BIRD 1402 PRESSURE COMPENSATING, TRICKLE PATTERN BUBBLER, 3 BUBBLERS (.50 GPM @ 30 PSI) = (1.50 GPM PER TREE), INSTALL PER COA DWG. 2712.
	NOTE: BUBBLERS ON SLOPES GREATER THAN 6:1 SHALL BE PROVIDED WITH A CHECK VALVE (RAINBIRD OR EQUAL). (COA DWG. 2712)
	CONTROLLER: RAINBIRD: LXME2, IRRIGATION CONTROLLER IN METAL WALL MOUNT CABINET. SEE 1/L-501.
	INDICATES VALVE NUMBER
	INDICATES FLOW IN GPM

**IRRIGATION SCHEDULE**

ID	SIZE	SPK TYPE	FLOW	PRECIP. RATE	RUNTIME
01	1"	BUBBLER	26.75 GPM	25 GPM	12 MIN
02	1"	BUBBLER	30 GPM	25 GPM	12 MIN
03	1"	BUBBLER	17 GPM	25 GPM	12 MIN
04	1"	BUBBLER	29.75 GPM	25 GPM	12 MIN
05	1"	BUBBLER	24.5 GPM	25 GPM	12 MIN
06	1"	BUBBLER	20.5 GPM	25 GPM	12 MIN
07	1"	BUBBLER	27.50 GPM	25 GPM	12 MIN
MV	1"	MASTER VALVE	30 GPM	N/A	N/A
			TOTAL RUNTIME:		84 MIN.

STATION RUN TIMES ARE CALCULATED TO APPLY 3 GALLONS OF WATER PER SHRUB AND 9 GALLONS OF WATER PER TREE PER IRRIGATION CYCLE.



**GENERAL IRRIGATION NOTES**

1. THE SYSTEM DESIGN ASSUMES A MINIMUM STATIC PRESSURE OF 60 PSI AT THE POINT-OF-CONNECTION. THE IRRIGATION CONTRACTOR SHALL VERIFY PRESSURE AND FLOW ON SITE PRIOR TO CONSTRUCTION.
2. THE IRRIGATION CONTRACTOR SHALL BECOME THOROUGHLY FAMILIAR WITH THE SPECIFICATIONS FOR THIS AND RELATED WORK PRIOR TO CONSTRUCTION.
3. THE IRRIGATION CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF UNDERGROUND UTILITIES AND ELECTRICAL WIRING PRIOR TO CONSTRUCTION.
4. THE IRRIGATION CONTRACTOR SHALL NOT INSTALL THE IRRIGATION SYSTEM WHEN IT IS OBVIOUS IN THE FIELD THAT OBSTRUCTIONS OR GRADE DIFFERENCES EXIST THAT MIGHT NOT HAVE BEEN CONSIDERED IN THE ENGINEERING, OR IF THE DISCREPANCIES IN CONSTRUCTION DETAILS, LEGEND, NOTES, OR SPECIFICATIONS ARE DISCOVERED. ALL SUCH OBSTRUCTIONS OR DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE.
5. THE DRAWINGS ARE DIAGRAMMATIC. IN SOME CASES, IRRIGATION COMPONENTS MAY BE SHOWN OUTSIDE OF PLANTING AREAS FOR CLARITY. THE IRRIGATION CONTRACTOR SHALL AVOID ANY CONFLICTS BETWEEN THE IRRIGATION SYSTEM, PLANTING MATERIALS, AND ABOVE GROUND UTILITIES. IRRIGATION PIPE AND WIRING SHALL BE INSTALLED IN LANDSCAPED AREAS WHENEVER POSSIBLE.
6. GENERAL CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF PVC SLEEVES AS INDICATED ON THE DRAWING. EXTEND SLEEVES 2' BEYOND BACK OF CURB AND CAP UNTIL CONTRACTOR IS READY TO BEGIN THE INSTALLATION OF SPRINKLER SYSTEM. STAKE LOCATION OF SLEEVE WITH T-POSTS AND FLAGS.
7. ALL IRRIGATION SHALL FOLLOW CITY OF ALBUQUERQUE SPECIFICATIONS AND STANDARD DETAILS.

**A1 IRRIGATION PLAN**  
SCALE: 1" = 30'-0"

AS-BUILT INFORMATION	
CONTRACTOR	DATE
WORK BY	DATE
INSPECTION	DATE
ACCEPTANCE BY	DATE
FIELD REVISION BY	DATE
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MICRO-FILM INFORMATION	
NO.	DATE

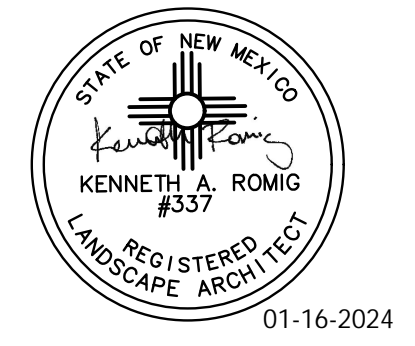
BENCH MARKS	

SURVEY INFORMATION	
FIELD NOTES	DATE
NO.	DATE

SEAL	
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REMARKS	BY
DESIGN	DATE: Jan. 16, 2024
Drawn By: AM	DATE: Jan. 16, 2024
Checked By: KRUF	DATE: Jan. 16, 2024



**CITY OF ALBUQUERQUE  
CAPITAL IMPLEMENTATION PROGRAM**

**AFD FIRE STATION 23**  
ALBUQUERQUE, NM 87

Drawing Title	<b>IRRIGATION PLAN</b>	
Design Review Committee	City Engineer Approval	Mo./Day/Yr. 7/10/18
Issue Date:	City Project No.	Sheet
<b>1-16-2024</b>	<b>7858.91</b>	<b>L-100</b>

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

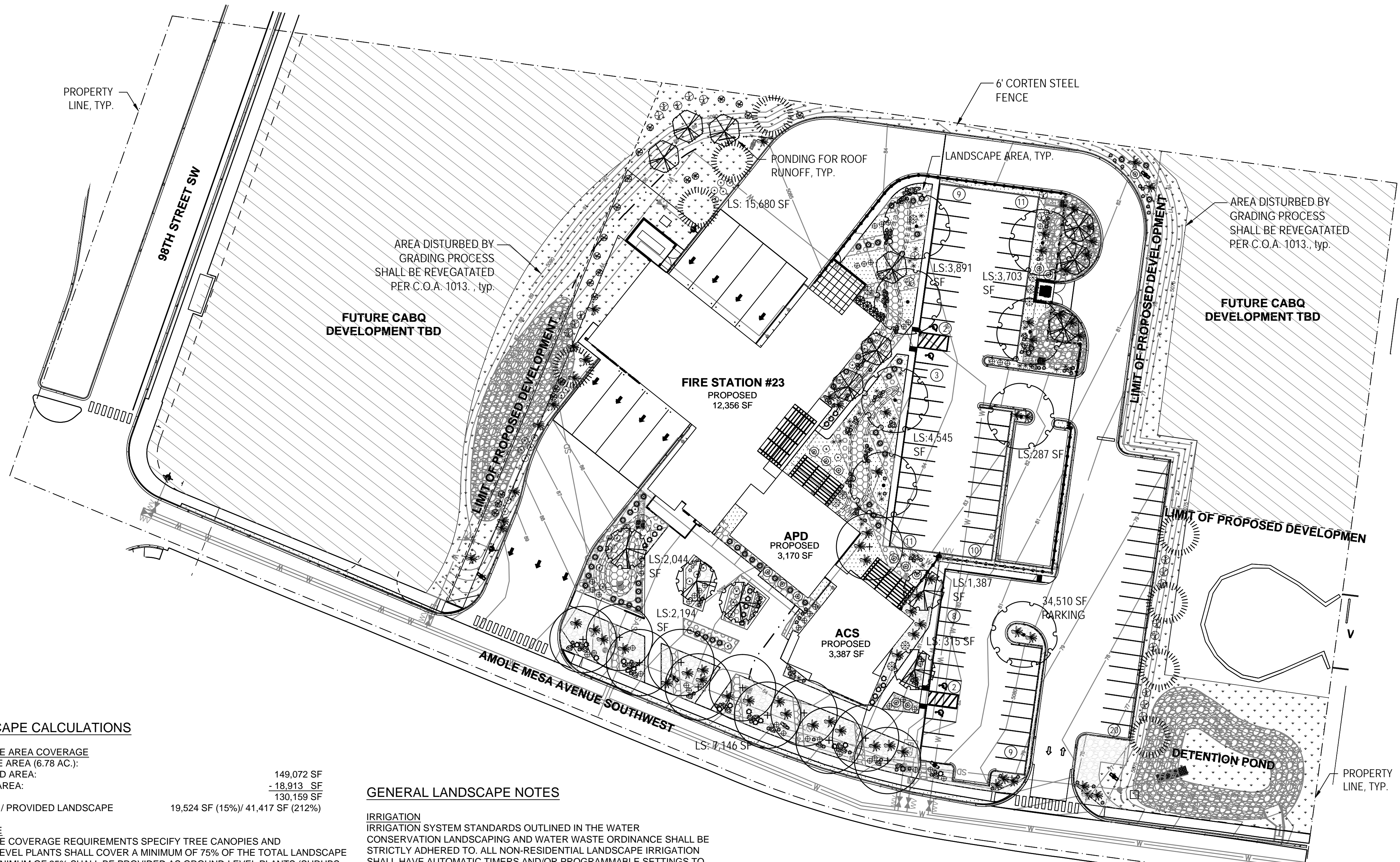


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LANDSCAPE CALCULATIONS

LANDSCAPE AREA COVERAGE	
TOTAL SITE AREA (6.78 AC.):	
DEVELOPED AREA:	149,072 SF
BUILDING AREA:	-18,913 SF
NET AREA:	130,159 SF
REQUIRED / PROVIDED LANDSCAPE:	19,524 SF (15%) / 41,417 SF (212%)

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:	31,063 SF (75%) / 36,998 (119 %)
REQUIRED/PROVIDED GROUND-LEVEL COVERAGE:	7,776 SF (25%) / 7,361 (95%)
	+RE-VEG. OVER (100%)

PARKING LOT TREES	
PARKING LOT TREE REQUIREMENTS ARE BASED UPON 1 TREE PER 10 SPACES AND NO PARKING SPACE MAY BE MORE THAN 100 FT FROM A TREE TRUNK.	
PARKING LOT SPACES PROVIDED:	82
REQUIRED/PROVIDED PARKING LOT TREES:	8 / 14

PARKING LOT AREA	
AT LEAST 15% OF THE PARKING LOT AREA CONTAINING 50 OR MORE SPACES SHALL BE LANDSCAPED.	
TOTAL PARKING LOT AREA:	34,510 SF
REQUIRED/PROVIDED LANDSCAPE AREA:	5,177 SF (15%) 13,172 (37.5%)

**TURF GRASS AREAS** (not turf grass is provided)

ANY PARKING LOT LOCATED WITHIN 20 FEET OF THE SIDE OR REAR LOT LINE SHALL BE SCREENED BY A LANDSCAPE STRIP AT LEAST 6 FEET WIDE CONTAINING AT LEAST 2 TREES AND 6 SHRUBS PER 25 FEET OF THE PARKING EDGE.

**STREET TREES**

STREET TREE REQUIREMENTS ARE BASED UPON AN AVERAGE SPACING OF 25' O.C. (AMOLE MESA); STREET FRONTAGE- 285'

REQUIRED/PROVIDED STREET TREES = 12 / 13 (2-PROVIDED IN ADJACENT LANDSCAPE, DUE TO UNDERGROUND INFRASTRUCTURE)

LANDSCAPE SHALL APPLY PURSUANT TO IDO 5-6 LANDSCAPE BUFFERING AND SCREENING.

**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 IND-UC-MS AREAS

REQUIRED:	29,735 SF (no more than 75%) / NON GRVL 9,911 (25%)
PROVIDED:	29,191 SF (73%) / REVEG 15,680 SF (54%)

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.

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**

COORDINATION 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 BARK MULCH AT TREES**

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

**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.

**GENERAL ORDINANCES**

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.

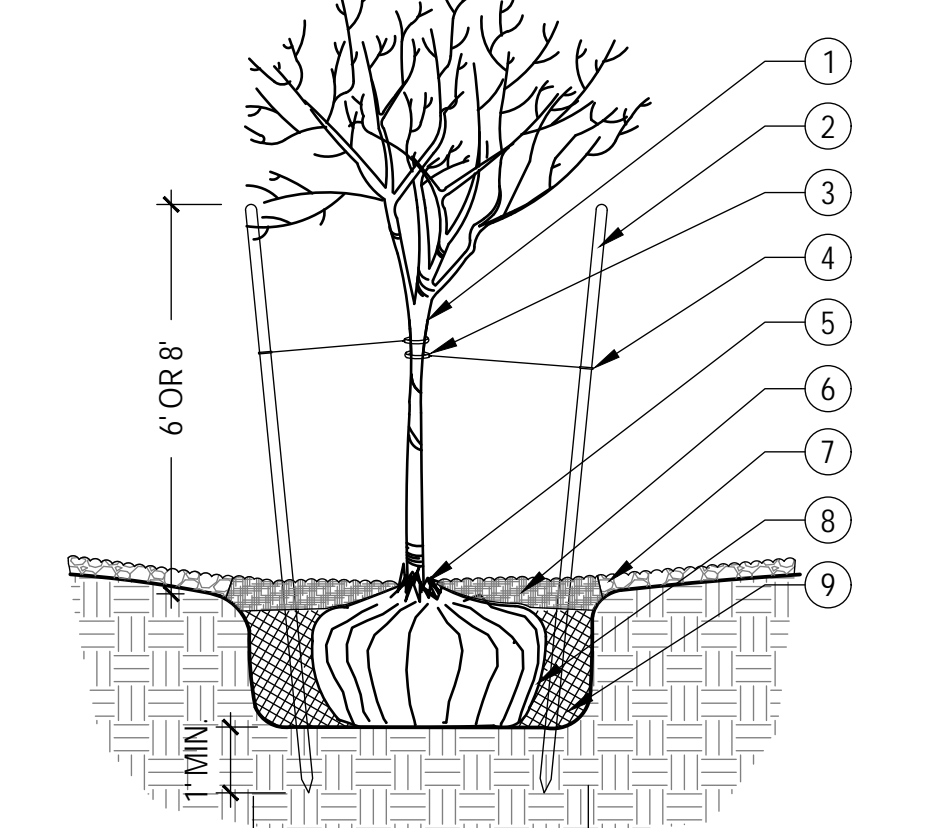
PER 5-6(C)(10)(A) TREES AND SHRUBS SHALL NOT BE PLANTED IN UTILITY EASEMENTS.

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.

- STRESS POINT OF TREE
- 8' OR 10' LODGEPOLE STAKES DRIVEN AT ANGLE (8' FOR MULTI OR CANOPY, 10' FOR TALL COLUMNAR)
- 5/8" BLACK POLY TUBING, 12'-15' LONG MIN., NOTCH BACKSIDE OF POLY TUBING
- #10 PLASTIC COATED GUYWIRE - (WRAP TWICE AROUND STAKE)
- PLANT TREE ROOT COLLAR 1"-2" ABOVE FINISH GRADE
- WATER RETENTION BASIN - BARK 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
- 3" LAYER OF ROCK MULCH - SEE PLANTING PLAN
- ROOTBALL WITH REMOVE ROPE AND BURLAP AFTER PLANTING
- SPECIFIED PLANTING MIX - WATER AND TAMP TO REMOVE AIR POCKETS



PLANT LEGEND

QTY.	SYMBOL	SCIENTIFIC NAME COMMON NAME (WATER USE)	SIZE	INSTALLED SIZE MATURE SIZE
<b>TREES INSTALL PER COA STD DWG. 2714 &amp; LS/501</b>				
5	[Symbol]	ACER TATARICUM 'GAR ANN' HOT WINGS MAPLE (M+)	2' B&B	20 HT. X 24' SPR.
11	[Symbol]	CHILOPSIS LINEARIS 'BUBBA' BUBBA DESERT WILLOW (L+)	8' MS	20 HT. X 20' SPR.
12	[Symbol]	CELTIS RETICULATA NETLEAF HACKBERRY (M)	2.5' B&B	40 HT. X 40' SPR.
4	[Symbol]	JUNIPERUS SCOPULORUM 'SKYROCKET' SKYROCKET JUNIPER (L-) - FEMALE ONLY	15 GAL	12 HT. X 5' SPR.
8	[Symbol]	PINUS ELДАРICA AFGHAN PINE (M)	8' HT. B&B	40 HT. X 18' SPR.
8	[Symbol]	ULMUS PARVIFOLIA LACEBARK ELM (M)	2.5' B&B	40 HT. X 40' SPR.
<b>SHRUBS AND GROUNDCOVERS INSTALL PER COA STD DWG. 2717 &amp; LS/501</b>				
10	[Symbol]	ACHILLEA MOONSHINE' MOONSHINE YARROW (M)	1-GAL	2 HT. X 2' SPR.
21	[Symbol]	CYTISUS SCOPARIUS 'ALL GOLD' ALL GOLD SCOTCH BROOM (L)	5-GAL	4 HT. X 4' SPR.
21	[Symbol]	FALLUGIA PARADOXA APACHE PLUME (L)	5-GAL	5 HT. X 5' SPR.
66	[Symbol]	JUNIPERUS HORIZ 'BLUE CHIP' BLUE CHIP JUNIPER (M) - FEMALE ONLY	3-GAL	1 HT. X 7' SPR.
12	[Symbol]	PINUS MUGO 'PUMILIO' DWARF MUGO PINE (M)	5-GAL	4 HT. X 6' SPR.
10	[Symbol]	PRUNUS CISTENA PURPLELEAF SAND CHERRY (M)	5-GAL	5 HT. X 4' SPR.
34	[Symbol]	RHUS AROMATICA 'GRO-LOW' PROSTRATE SUMAC (L+)	5-GAL	2 HT. X 4' SPR.
48	[Symbol]	SALVIA GREGGII 'FURMAN'S RED' FURMAN'S RED CHERRY SAGE (M)	3-GAL	30' HT. X 3' SPR.
<b>DESERT ACCENTS</b>				
55	[Symbol]	DASYLIRIUM WHEELERI DESERT SPOON (L)	5-GAL	4 HT. X 4' SPR.
28	[Symbol]	HESPERALOE PARVIFLORA 'BRAKELIGHTS' BRAKELIGHTS RED YUCCA (L)	3-GAL	3 HT. X 3' SPR.
<b>ORNAMENTAL GRASSES</b>				
32	[Symbol]	CALAMOGROSTIS A. 'KARL FOERSTER' KARL FOERSTER FEATHER REED GRASS (M)	1-GAL	30' HT. X 3' SPR.
109	[Symbol]	BOUTELOUA GRACILIS 'BLONDE AMBITION' BLONDE AMBITION BLUE GRAMMA (L+)	1-GAL	36' HT. X 30' SPR.

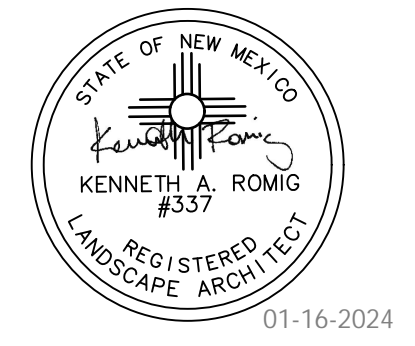
MULCHES AND BOULDERS

44	[Symbol]	MOSS ROCK BOULDERS (27 CF MIN)
4,323 SF	[Symbol]	2'-6" GREY ROUND COBBLE (6" DEPTH OVER FILTER FABRIC, DEWITT PRO-5 WEED CONTROL, OR EQUAL)
6,662 SF	[Symbol]	7/8" PUEBLO ROSE ROCK MULCH (INCLUDING LANDSCAPE STRIPS ALONG AMOLE MESA) (3" DEPTH OVER FILTER FABRIC, DEWITT PRO-5 WEED CONTROL, OR EQUAL)
15,693 SF	[Symbol]	4'-6" COYOTE MIST COBBLE (6" DEPTH OVER FILTER FABRIC, DEWITT PRO-5 WEED CONTROL, OR EQUAL)
2,770 SF	[Symbol]	2'-4" ROSE GOLD COBBLE (4" DEPTH OVER FILTER FABRIC, DEWITT PRO-5 WEED CONTROL, OR EQUAL)
24,012 SF	[Symbol]	RE-VEGETATIVE SEEDING: 'SANDY SOILS'; SEE C.O.A 1013

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



AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		SEAL	
DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE
CONTRACTOR	WORK BY	REVISIONS	ACCEPTANCE BY	FIELD DATE:	NO.	NO.	NO.
DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE
REVISIONS	DATE	DATE	DATE	DATE	DATE	DATE	DATE
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**CITY OF ALBUQUERQUE**  
CAPITAL IMPLEMENTATION PROGRAM

**SOUTHWEST PUBLIC SAFETY CENTER**

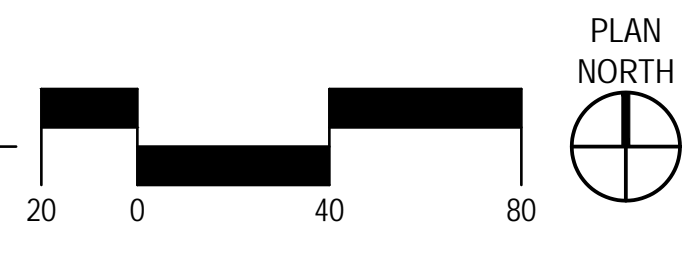
Drawing Title: **LANDSCAPE PLAN - EPC**

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
		9/7/23	
Issue Date:	City Project No.	Sheet	
<b>1-16-2024</b>	<b>7858.91</b>		

**L-200**

A1 PLANTING PLAN

SCALE: 1" = 40'-0"



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1 TREE PLANTING SCALE: N.T.S.







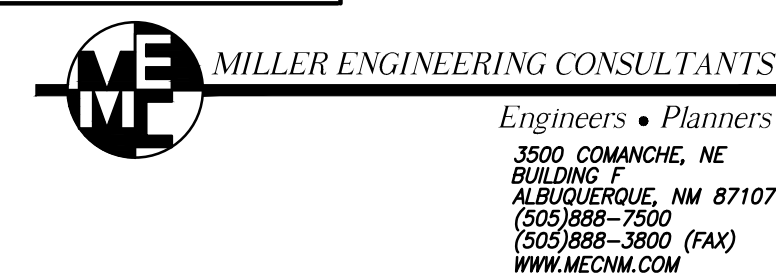
## GENERAL NOTES

1. THE CONTRACTOR SHALL CONFINE HIS OPERATIONS TO THE CONSTRUCTION LIMITS SHOWN ON THE CONSTRUCTION DRAWINGS AND DESCRIBED IN THE SPECIFICATIONS. DISTURBANCE TO PRIVATE PROPERTIES SHALL BE KEPT TO A MINIMUM. ANY COSTS ASSOCIATED WITH THE REPAIR TO PUBLIC OR PRIVATE PROPERTIES, CAUSED BY CONSTRUCTION ACTIVITIES WILL BE THE RESPONSIBILITY OF THE CONTRACTOR. TEMPORARY CONSTRUCTION FENCING SHALL BE ERECTED PRIOR TO CONSTRUCTION ACTIVITY AND SHALL ENCOMPASS THE CONSTRUCTION LIMITS. SEE GENERAL NOTE 13 BELOW.
2. THE CONTRACTOR SHALL PROVIDE A TRAFFIC CONTROL PLAN AND SHALL PROVIDE AND MAINTAIN ALL TRAFFIC CONTROL DEVICES AND CONSTRUCTION SIGNING IN ACCORDANCE WITH THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" (LATEST EDITION) DURING THE CONSTRUCTION PERIOD (WORKING AND NON-WORKING HOURS). ANY NECESSARY DEVIATION FROM THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" SHALL HAVE PRIOR APPROVAL OF THE ENGINEER OR CONSTRUCTION INSPECTOR. TRAFFIC CONTROL SHALL BE CONSIDERED INCIDENTAL AND NO ADDITIONAL PAYMENT WILL BE MADE. CONTRACTOR SHALL COORDINATE WITH PROJECT ENGINEER AND FACILITY STAFF TO ENSURE THAT THE FACILITY OPERATIONS ARE ADDRESSED AT ALL TIMES DURING CONSTRUCTION ACTIVITY AND TRAFFIC FLOWS ARE MAINTAINED IN ACCORDANCE WITH THE FACILITY SECURITY MEASURES AND OPERATIONS.
3. THE LOCATION OF ALL UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES 48 HOURS BEFORE COMMENCING WORK IN THE AREAS NEAR UNDERGROUND UTILITY LINES. THE CONTRACTOR SHALL NOT INTERFERE WITH UTILITY LINE OPERATION AND SHALL COORDINATE ALL WORK AFFECTING EXISTING UTILITIES WITH THE APPROPRIATE AUTHORITY FOR EACH UTILITY. THE PROJECT ENGINEER SHALL BE PROMPTLY NOTIFIED OF ANY PROBLEMS OR CONFLICTS ENCOUNTERED WITH ANY EXISTING UTILITIES. PRIOR TO ANY SHUTDOWN OF ANY UTILITIES, THE CONTRACTOR SHALL COORDINATE WITH THE PROJECT ENGINEER, FACILITY STAFF, AND UTILITY OWNERS AT LEAST 48 HOURS PRIOR TO SHUTDOWN. THE CONTRACTOR SHALL INDICATE AND SCHEDULE ANY SHUTDOWNS ON THE WORK SEQUENCING PLAN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGES THAT MAY OCCUR DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT.
4. DURING THE CONSTRUCTION OF THIS PROJECT, SOME OVERHEAD AND/OR UNDERGROUND UTILITY ADJUSTMENTS MAY HAVE TO BE ACCOMPLISHED CONCURRENTLY BY THE UTILITY OWNERS (CITY AND/OR PRIVATELY OWNED). THE CONTRACTOR SHALL COORDINATE AND ADVISE THE UTILITY OWNERS, ALLOWING ENOUGH TIME SO THAT THE REQUIRED UTILITY ADJUSTMENTS DO NOT IMPEDE THE CONTRACTOR'S WORK. THE CONTRACTOR SHALL RECEIVE NO ADDITIONAL COMPENSATION FOR ANY DELAYS, INCONVENIENCE, OR DAMAGE SUSTAINED DUE TO ANY INTERFERENCE FROM SAID UTILITY APPURTENANCES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REPAIRS AND/OR ADJUSTMENTS. GAS, COMMUNICATION, ELECTRICAL UTILITY ADJUSTMENTS ARE OUT OF THE SCOPE OF THIS PROJECT. SEE NOTE GENERAL NOTE 28.
5. THE CONSTRUCTION OF THIS PROJECT SHALL BE IN COMPLIANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS. ALL INSTALLED IMPROVEMENTS SHALL BE NEW MATERIAL. ALL EXISTING MATERIAL BEING REPLACED SHALL BE REMOVED AND/OR ABANDONED IN PLACE.
6. WHEN ABUTTING NEW PAVEMENT TO EXISTING PAVEMENT, SAWCUT EXISTING PAVEMENT TO A NEAT STRAIGHT LINE TO MATCH NEW SURFACING DEPTH. PAVEMENT CUT SHALL BE MADE AT A LOCATION SUITABLE FOR REMOVING BROKEN OR CRACKED PAVEMENT. A CONTINUOUS CUT IS REQUIRED AND STITCH CUTTING IS NOT ALLOWABLE. NO PAYMENT WILL BE MADE FOR CUTTING EXISTING PAVEMENT, AND THIS WORK SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION, INCLUDING SAWCUTS AND REPAIRS DUE TO TRENCHING FOR UTILITY WORK..
7. THE USE OF HEAVY ROLLING EQUIPMENT (GREATER THAN 35 STATIC TONS) AND/OR VIBRATORY ROLLERS TO OBTAIN THE REQUIRED DENSITIES IN EMBANKMENT, EMBANKMENT FOUNDATION, MISCELLANEOUS FILLS, SUBGRADE & PAVEMENT WILL NOT BE PERMITTED IN URBAN OR OTHER AREAS WHERE THE USE OF SUCH EQUIPMENT WOULD DAMAGE UNREINFORCED MASONRY STRUCTURES, UNDERGROUND UTILITY FACILITIES OR OTHER PERMANENT IMPROVEMENTS.
8. ALL AGGREGATES AND SUITABLE MATERIAL MAY BE OBTAINED FROM COMMERCIAL SOURCES. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING A SUITABLE SOURCE MEETING ALL REQUIREMENTS INDICATED ON THE CONSTRUCTION DRAWINGS AND SPECIFICATIONS FOR THIS CONTRACT.
9. THE CONTRACTOR SHALL NOT EXCEED LEGAL LOADS ON EXISTING PAVED ROADWAYS.
10. THE BASE MAPPING PROVIDED ON THESE DRAWINGS IS FROM A TOPOGRAPHIC SURVEY PERFORMED AND COMPILED BY TERRA LAND SURVEYS, LLC. CORRALES, NEW MEXICO MARCH 2023. NO FIELD VERIFICATION OF THIS DATA WAS CONDUCTED BY MILLER ENGINEERING CONSULTANTS INC. A FIELD SURVEY WAS CONDUCTED OF ALL VISIBLE UTILITY FEATURES ON THE SITE AND TO ESTABLISH A SURVEY CONTROL NETWORK. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO UNDERTAKE FIELD VERIFICATION OF ALL EXISTING UTILITIES AND MAP THEM WITH THEIR SUBSURFACE UTILITY ENGINEERING (SUE) COMPANY PRIOR TO CONSTRUCTION. (SEE GENERAL NOTE #30 AND #31 THIS SHEET)
11. THE CONTRACTOR SHALL USE CAUTION AT ALL EXISTING STRUCTURES INCLUDING ALL UNREINFORCED MASONRY WALLS, BUILDINGS, ETC. THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY DAMAGE TO ANY STRUCTURES, DRIVEWAYS, LIGHT FIXTURES, AND WATER METERS, ETC. AND SHALL REPAIR THE DAMAGES AT THEIR OWN EXPENSE TO MEET OR EXCEED EXISTING CONDITIONS.
12. ALL EXISTING SIGNS AND FENCES WILL BE REMOVED AS NECESSARY TO PERFORM CONSTRUCTION ACTIVITIES AND REPLACED IN A LOCATION TO BE DETERMINED BY THE PROJECT ENGINEER AND CITY OF ALBUQUERQUE. ALL EXISTING PAVEMENT MARKINGS AND SURFACE PAINTING WILL BE REPLACED TO PRE-CONSTRUCTION CONDITIONS. NO PAYMENT OR MEASUREMENT WILL BE MADE FOR THIS WORK.
13. THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AND KEEP ALL AREAS IN COMPLIANCE WITH THE AMERICAN'S WITH DISABILITIES ACT AT ALL TIMES. THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL AND PEDESTRIAN ACCESS PLAN TO THE PROJECT ENGINEER AND THE UNIVERSITY OF NEW MEXICO FOR APPROVAL PRIOR TO CONSTRUCTION ACTIVITY.
14. 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 (GREY 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.
15. THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTAINING EXISTING ASPHALT PAVING. ANY DAMAGE TO THE ASPHALT DUE TO CONSTRUCTION ACTIVITY WILL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
16. ALL CONCRETE USED SHALL BE 3,000 psi OR BETTER. UNLESS OTHERWISE INDICATED ON THE DRAWINGS OR THE SPECIFICATIONS BOOK.
17. DURING THE CONSTRUCTION OF THIS PROJECT, THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY TEMPORARY DRAINAGE MEASURES NECESSARY TO SAFELY CONVEY STORM WATER RUNOFF. ANY DAMAGES TO PUBLIC OR PRIVATE PROPERTY OR IMPROVEMENTS CONSTRUCTED BY THE CONTRACTOR RESULTING FROM STORM WATER FLOWS IN THE PROJECT VICINITY SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. NO MEASUREMENT OR PAYMENT WILL BE MADE FOR THESE TEMPORARY DRAINAGE MEASURES.
18. THE CONTRACTOR SHALL SUBMIT A SOD SUBMITTAL TO THE PROJECT ENGINEER AND CITY OF ALBUQUERQUE FOR ALL GRASS AREAS THAT WILL BE REPLACED AS NECESSARY TO INSTALL THE NEW WATER LINES IN LANDSCAPED AREAS. ALL SOD SHALL BE CONSTRUCTED AND PLACED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND APPROVED BY THE PROJECT ENGINEER PRIOR TO CONSTRUCTION.
19. FILL/BACK-FILL SHALL BE PLACED IN EIGHT INCH LIFTS AND COMPACTED TO 90 PERCENT OPTIMUM DENSITY AS PER ASTM D-1577 AND 95 PERCENT UNDER STRUCTURES INCLUDING DRIVEWAYS AND PARKING LOTS. COMPACTION IN LANDSCAPED AREAS SHALL NOT EXCEED 85 PERCENT OPTIMUM DENSITY AS PER ASTM D-1577.
20. CONNECTION OF NEW WATER LINES AND DISCONNECTION OF EXISTING WATER LINES FROM EXISTING WATER APPURTENANCES SHALL BE CONSIDERED INCIDENTAL TO THE WATER LINE AND NO ADDITIONAL MEASUREMENT OR PAYMENT WILL BE MADE FOR THIS WORK.
21. ALL EXCAVATION, TRENCHING, BACKFILLING, BEDDING, COMPACTION, BENDS, ELBOWS, TEES, WYES, RESTRAINING GLANDS, THRUST BLOCKING, MECHANICAL RESTRAINING JOINTS, ALL CONNECTIONS TO EXISTING WATER SYSTEM COMPONENTS, AND ALL OTHER REQUIRED APPURTENANCES FOR THE INSTALLATION OF THE WATER LINES WILL BE CONSIDERED INCIDENTAL TO THE WORK INDICATED ON THE CONSTRUCTION DRAWINGS AND DESCRIBED IN THE SPECIFICATIONS FOR THIS PROJECT AND NO ADDITIONAL MEASUREMENT OR PAYMENT WILL BE MADE FOR THIS WORK.
22. ALL UNCLASSIFIED EXCAVATION, GRADING AND CLEANUP ARE CONSIDERED INCIDENTAL TO THE WORK INDICATED ON THE CONSTRUCTION DRAWINGS AND DESCRIBED IN THE SPECIFICATIONS FOR THIS PROJECT AND NO ADDITIONAL MEASUREMENT OR PAYMENT WILL BE MADE FOR THIS WORK.
23. PAVEMENT REMOVAL AND REPLACEMENTS INCLUDE PREPARATION OF SUBGRADE, BACKFILLING, COMPACTION AND ASPHALT. THE PAVEMENT REMOVAL AND REPLACEMENT WORK INDICATED ON THE CONSTRUCTION DRAWINGS AND DESCRIBED IN THE SPECIFICATIONS FOR THIS PROJECT WILL BE PAID FOR UNDER ASPHALT REMOVAL AND REPLACEMENT AND NO ADDITIONAL MEASUREMENT OR PAYMENT WILL BE MADE FOR THIS WORK. ALL PAVEMENT, BASECOURSE AND SUBGRADE PREPARATION THICKNESS SHALL MATCH THE EXISTING SECTION OF THE PAVEMENT. CONTRACTOR SHALL SUBMIT TYPICAL SECTIONS TO THE PROJECT ENGINEER FOR APPROVAL PRIOR TO CONSTRUCTION.

24. THE SAWCUTTING OF ASPHALT AND/OR CONCRETE INDICATED ON THE CONSTRUCTION DRAWINGS AND DESCRIBED IN THE SPECIFICATIONS FOR THIS PROJECT WILL BE CONSIDERED INCIDENTAL TO THE ASPHALT OR CONCRETE REMOVAL AND REPLACEMENT ITEM AND NO ADDITIONAL MEASUREMENT OR PAYMENT WILL BE MADE FOR THIS WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING A CONCRETE JOINT PATTERN FOR APPROVAL PRIOR TO CONSTRUCTION.
25. UPON RECEIVING A NOTICE TO PROCEED THE CONTRACTOR WILL HAVE 10 DAYS TO COMPLETE SITE MOBILIZATION. MOBILIZATION IS CONSIDERED INCIDENTAL TO THIS PROJECT AND NO ADDITIONAL MEASUREMENT OR PAYMENT WILL BE MADE FOR THIS WORK.
26. AS OF MARCH 10, 2003, THE USEPA REQUIRES NPDES PERMIT COVERAGE FOR STORM WATER DISCHARGES FROM CONSTRUCTION PROJECTS (COMMON PLANS OF DEVELOPMENT) THAT WILL RESULT IN THE DISTURBANCE (OR RE-DISTURBANCE) OF ONE OR MORE ACRES, INCLUDING EXPANSIONS OF TOTAL LAND AREA. THE CONTRACTOR SHOULD BE MADE AWARE THAT THE USEPA REQUIRES THAT ALL "OPERATORS" (SEE FEDERAL REGISTER/VOL. 63, NO. 128 / MONDAY, JULY 6, 1999 PG 36509) OBTAIN NPDES PERMIT COVERAGE FOR CONSTRUCTION PROJECTS. GENERALLY THIS MEANS THAT AT LEAST TWO PARTIES WILL REQUIRE PERMIT COVERAGE. THE OWNER/CONTRACTOR OF THIS CONSTRUCTION PROJECT WHO HAS OPERATIONAL CONTROL OVER THE PROJECT SPECIFICATIONS, THE GENERAL CONTRACTOR WHO HAS DAY-TO-DAY OPERATIONAL CONTROL OF THOSE ACTIVITIES AT THE SITE, WHICH ARE NECESSARY TO ENSURE COMPLIANCE WITH THE STORM WATER POLLUTION PLAN AND OTHER CONDITIONS, AND POSSIBLY OTHER "OPERATORS" THAT WILL REQUIRE APPROPRIATE NPDES PERMIT COVERAGE FOR THIS PROJECT. THE CONTRACTOR WILL BE RESPONSIBLE FOR OBTAINING ANY PERMITS BY ANY GOVERNING AGENCY FOR THIS PROJECT. IF REQUIRED UNDER THE CLEAN WATER ACT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEVELOPING A STORM WATER POLLUTION PREVENTION PLAN (SWPPP). THE CONTRACTOR WILL BE SOLELY RESPONSIBLE FOR DEVELOPING A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) DOCUMENT FOR THE PROJECT, IF ANY GOVERNING AGENCY REQUIRES, AND PROVIDING, BUILDING, MANAGING AND MAINTAINING ALL BEST MANAGEMENT PRACTICES (BPM'S) AND TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES SPECIFIED IN THE SWPPP DOCUMENT. REFERENCE NMDOT DRAWINGS 603-01-1 THRU 7 OF 7. ALL OF THIS WORK WILL BE CONSIDERED INCIDENTAL TO THE CONSTRUCTION OF THE WATER LINE AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE FOR THIS WORK.
27. CONTRACTOR SHALL TAKE PRECAUTIONS AS NECESSARY TO PROTECT EXISTING ELECTRICAL LINES, NATURAL GAS LINES, FIBER OPTIC LINES, TELEPHONE LINES, UTILITY LINES, WALKS, LANDSCAPING, ETC. WHICH WILL REMAIN AS PART OF THE FINAL SYSTEM. EXTRA CARE MUST BE GIVEN TO PRESERVING EXISTING IRRIGATION LINES AND LANDSCAPING. CONTRACTOR SHALL BE RESPONSIBLE FOR ADHERING TO LANDSCAPING AND IRRIGATION STANDARDS SET FORTH BY THE UNIVERSITY OF NEW MEXICO. ALL IRRIGATION LINE REPAIRS MUST BE COMPLETED WITHIN 24 HOURS. CONTRACTOR SHALL REPAIR AND/OR RESTORE THESE ITEMS AS REQUIRED TO PRE-CONSTRUCTION CONDITION AT THEIR OWN EXPENSE.
28. ALL WATER PIPING SHALL BE C900, DR18 AND METALIZED DETECTABLE WARNING TAPE WILL BE PLACED ACCORDING TO THE SPECIFICATIONS IN THE PROJECT MANUAL. UTILITY MARKERS SHALL BE PLACED AT JUNCTIONS AND BENDS. SIZE AND DIRECTION OF THE LINE SHOULD BE NOTED ON THE MARKER.
29. THE CONTRACTOR SHALL PROVIDE A PROFESSIONAL SUBSURFACE UTILITY ENGINEERING (SUE) COMPANY TO PERFORM BOTH "DESIGNATING" AND "LOCATING" OF ALL UTILITIES WITHIN THE CONTRACTOR'S LIMITS OF CONSTRUCTION FOR THE PROJECT. THE CONTRACTOR SHALL HAVE THE SUE COMPANY MAP ALL OF THE DESIGNATED AND LOCATED UTILITIES AND PROVIDE IT TO THE PROJECT ENGINEER IN AUTOCAD VERSION 2007 OR COMPATIBLE. THE CONTRACTOR SHALL NOT BEGIN DIGGING UNTIL THE SUE MAPPING HAS BEEN REVIEWED BY THE PROJECT ENGINEER AND DISCUSSED WITH CITY OF ALBUQUERQUE. THIS WORK WILL BE CONSIDERED INCIDENTAL TO THE WATERLINE ITEM AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE FOR THIS WORK.
30. THE CONTRACTOR SHALL MAINTAIN AS-BUILT DRAWINGS DURING THE DURATION OF CONSTRUCTION. THIS WILL INCLUDE HAVING THE CONTRACTOR HIRE A PROFESSIONAL LAND SURVEYOR TO FIELD SURVEY ALL UTILITY LINES THAT ARE CROSSED WITH NEW WATER LINES AND FIELD SURVEYING THE AS-BUILT LOCATIONS OF ALL THE FINAL AS-BUILT LOCATION OF ALL WATER LINE IMPROVEMENTS OUTLINED IN THIS CONTRACT. THIS WORK WILL BE CONSIDERED INCIDENTAL TO THE WATERLINE ITEM AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE FOR THIS WORK.
31. A STAGING AREA HAS BEEN PROVIDED BY THE OWNER FOR THE STORAGE OF THE CONTRACTOR'S MATERIALS AND EQUIPMENT. THE CONTRACTOR SHALL PROVIDE AND INSTALL ALL NECESSARY SECURITY FENCING, GATES, ACCESS ROADS, ACCESS GATES, AND ALL OTHER RELATED APPURTENANCES REQUIRED TO HAVE AN ADEQUATE AND SECURE STAGING AREA. THIS WORK WILL BE CONSIDERED INCIDENTAL TO THE MOBILIZATION ITEM AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE FOR THIS WORK.
32. ALL WATER VALVE COVERS SHALL BE LOCKING COVERS. THIS WILL BE CONSIDERED INCIDENTAL TO THE WATER VALVE ITEMS AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE FOR THIS WORK.
33. CONNECTIONS TO DISSIMILAR PIPING SHALL BE WITH FITTINGS RECOMMENDED BY MANUFACTURER'S.
34. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE REMOVAL AND REPLACEMENT OF ALL EXISTING SURFACING (PAVEMENT, BASE COURSE, SUBGRADE PREPARATION, CONCRETE SIDEWALK, CONCRETE FLATWORK, LANDSCAPING, ETC.), STRUCTURES, AND OBSTRUCTIONS (CURBS, GUTTERS, WALLS, ETC.) ON SITE THAT ARE AFFECTED BY THE CONSTRUCTION OF THIS PROJECT. THE REMOVAL AND REPLACEMENT OF ANY SURFACING, STRUCTURES, AND OBSTRUCTIONS MUST BE REMOVED AND REPLACED TO MATCH EXISTING CONDITIONS (THICKNESS, DIMENSIONS, MATERIAL TYPE, ETC.). THIS WORK WILL BE PAID FOR UNDER A LUMP SUM ITEM, WHICH IS PROVIDED IN THE UNIT PRICE BID PROPOSAL AND NO ADDITIONAL MEASUREMENT OR PAYMENT WILL BE MADE FOR ANY OF THIS WORK.
35. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FLUSHING THE WATER LINES WITHIN EACH OF THE BUILDINGS. THIS WILL BE REQUIRED IN ADDITION TO THE FLUSHING REQUIREMENTS OUTLINED IN THE SPECIFICATIONS. THE CONTRACTOR SHALL COORDINATE WITH THE CITY OF ALBUQUERQUE TO GAIN ACCESS TO THE INSIDE OF THE BUILDINGS TO PERFORM THIS WORK. THIS WORK WILL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE FOR THIS WORK.
36. THE CONTRACTOR WILL BE REQUIRED TO COORDINATE WITH THE ENGINEER ON ALL FINAL GRADES FOR THE CONCRETE REMOVAL AND REPLACEMENT AREAS TO ENSURE THAT THE EXISTING GRADING AND DRAINAGE ISSUES ARE DOCUMENTED AND ADDRESSED PRIOR TO CONSTRUCTION.
37. CONTRACTOR NOTE: THESE DRAWINGS REFLECT INFORMATION ON UTILITIES GATHERED BY SITE SURVEY PROVIDED SITE INSPECTION, PREVIOUS EXISTING CONSTRUCTION DRAWINGS/RECORDS, AND DISCUSSIONS WITH OWNER. IT IS POSSIBLE THAT THE EXACT LOCATION OF BURIED LINES IN THE IMMEDIATE VICINITY OF THE PROPOSED BUILDING MAY BE SOMEWHAT DIFFERENT FROM THE LOCATION SHOWN ON THIS DRAWING. IF ADDITIONAL LINES ARE ENCOUNTERED, THEY SHALL BE EXPOSED AND IDENTIFIED BY THIS CONTRACTOR. WHERE ADDITIONAL LINES AND/OR DIFFERING LOCATIONS ARE ENCOUNTERED, THIS CONTRACTOR SHALL REQUEST THAT THE ARCHITECT ISSUE A RULING AS TO ANY NECESSARY CHANGE OF MATERIALS, RE-ROUTING, ABANDONING OR RELOCATING OF SUCH LINES.
38. ANY WORK OR INSTALLATION NOT ACCEPTED BY THE OWNER OR MECHANICAL ENGINEER DUE TO IMPROPER WORKMANSHIP OR LACK OF PROPER COORDINATION SHALL BE REMOVED AND CORRECTLY INSTALLED AT THE MECHANICAL CONTRACTOR'S EXPENSE, AS DIRECTED.
39. SPECIFIC: THE CONTRACTOR SHALL BEAR ALL COSTS AND BE TOTALLY RESPONSIBLE FOR ALL OF THE UTILITY SERVICES AND THEIR COMPLETE INSTALLATION, AS SHOWN ON THE CONTRACT DRAWINGS, AND/OR DETAILS AND SPECIFICATIONS.
40. THE CONTRACTOR SHALL AND MUST INCLUDE IN HIS BID, THE COST OF ALL WORK AND EQUIPMENT COMPLETE WITH ALL COMPONENTS, ACCESSORIES AND APPURTENANCES, ETC., WHETHER FURNISHED AND INSTALLED BY THE CONTRACTOR OR OTHERS. THE CONTRACTOR'S COSTS SHALL INCLUDE (BUT ARE NOT LIMITED TO) CHARGES FOR ALL PERMITS, LICENSES, FRONTAGE FEES, CHECK VALVES, BALL VALVE, ETC. HE SHALL ALSO INCLUDE ALL OTHER CURRENT CHARGES THAT MAY BE REQUIRED BY PUBLIC UTILITY COMPANIE.

## CIVIL DRAWING INDEX

SHEET No.	SHEET TITLE
CG-100	GENERAL NOTES AND INDEX TO DRAWINGS
CG-101	HYDROLOGY PLAN
C-100	GRADING AND DRAINAGE PLAN OVERALL
C-101	GRADING AND DRAINAGE PLAN EAST
C-102	GRADING AND DRAINAGE PLAN EAST POND
C-201	UTILITY PLAN OVERALL
D-501	MISCELLANEOUS DETAILS
D-502	MISCELLANEOUS DETAILS
D-503	MISCELLANEOUS DETAILS
D-504	MISCELLANEOUS DETAILS
FIRE 1	FIRE 1 PLAN (FOR REFERENCE ONLY)



City of Albuquerque Electronic Stamp

41. THIS CONTRACTOR SHALL COORDINATE CUT-OFF OF EXISTING UTILITIES FOR NEW CONNECTIONS WITH ALBUQUERQUE, BERNAILLO COUNTY WATER UTILITY AUTHORITY (ABCWUA) AND SHALL CONFORM TO THEIR REQUIREMENTS. THE UTILITIES' CONNECTION POINTS SHOWN ON PLANS ARE APPROXIMATE ONLY. EACH BIDDER SHALL THOROUGHLY SATISFY HIMSELF AS TO EXISTING SITE CONDITIONS BEFORE SUBMITTING HIS BID. NO ADDITIONAL COST ALLOWANCE SHALL BE MADE AFTER THE CONTRACT IS AWARDED TO COMPENSATE FOR LACK OF CONTRACTOR'S PRE-BID INSPECTION OF THE SITE BY THE SUCCESSFUL BIDDER.

42. THIS CONTRACTOR SHALL SCHEDULE AND COORDINATE ALL UTILITY WORK (FIRE PROTECTION, DOMESTIC WATER, GAS PIPING, ETC.) WITH ENGINEER, ABCWUA, OR PUBLIC UTILITY COMPANY AND LOCAL UTILITY ENGINEERING OFFICIALS AND SHALL CONFORM TO THEIR REQUIREMENTS.

43. ALL MATERIALS (VALVES, MANHOLES, UTILITY LINES, ETC.), REMOVED FROM THE SITE ARE TO BE TURNED OVER TO THE OWNER'S MAINTENANCE PERSONNEL, OR DISPOSED OF AS DIRECTED BY OWNER OR HIS REPRESENTATIVE.

44. CONTRACTOR SHALL SUBMIT IN WRITING, 10 DAYS PRIOR TO ANTICIPATED SHUT-DOWN OF EXISTING UTILITIES OR MAKE ANY NEW CONNECTIONS REQUIRED, INDICATING OWNER LOCATIONS OF CONNECTIONS AND AREAS AFFECTED BY SHUT-DOWN. IF A CANCELLATION OF NEW CONNECTIONS AND SHUT-DOWN IS REQUIRED, A 72-HOUR NOTICE WILL BE REQUIRED AND BE DELIVERED, IN WRITING, TO THE OWNER AND A NEW SCHEDULE SHALL BE SUBMITTED. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION. THE OWNER WILL NOTIFY CONTRACTOR AND VERIFY THAT ANTICIPATED SHUT-DOWNS AND SCHEDULES ARE ACCEPTABLE.

45. UTILITIES CONNECTIONS REQUIRING MAJOR SHUT-DOWN OF EXISTING FACILITIES SHALL BE SCHEDULED DURING OFF-HOURS, SUCH AS EVENINGS AND WEEKENDS, AND MUST BE SCHEDULED AND APPROVED BY OWNER AND ARCHITECT.

46. CONTRACTOR SHALL SUBMIT TO OWNER A SCHEDULE FOR PHASING OF CONSTRUCTION, INDICATING AREAS OF FIRST PRIORITY DURING EACH PHASE, APPROXIMATE COMPLETION DATES FOR EACH AREA AND PHASE. OWNER WILL REVIEW THESE SCHEDULES AND NOTIFY CONTRACTOR OF ACCEPTANCE OR CHANGES IN SCHEDULE, ETC., IN ORDER TO SET BUILDING SCHEDULES ACCORDINGLY. CUTTING AND PATCHING OF EXISTING SIDEWALKS, PAVING, CURBS, ETC., ARE INCLUDED IN THIS CONTRACT.

47. CAUTION NOTES: THE CONTRACTOR SHALL HAND EXCAVATE FOR INSTALLATION OF ALL NEW UTILITIES CROSSING EXISTING ELECTRICAL, DATA & COMMUNICATIONS, AND GAS BURIED UTILITIES. HAND EXCAVATION SHALL BE PERFORMED SIX (6) FEET BEYOND THESE UTILITIES IN EACH DIRECTION, TYPICAL. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ADEQUATE SUPPORT AND PROTECTION FOR EXISTING UTILITIES BEING CROSSED BY NEW UTILITIES AND UNDERMINED BY THE REQUIRED EXCAVATION.

48. THIS CONTRACTOR SHALL INSTALL PROPER (OSHA) BARRICADES IN PEDESTRIAN AND VEHICULAR TRAFFIC AREAS AS NEEDED TO INSURE SAFETY AND THAT ALL FEDERAL, STATE AND LOCAL STANDARDS ARE COMPLIED WITH. SEE GENERAL NOTE #1, #2, AND #13 THIS SHEET.

49. CONTRACTOR SHALL MAKE EVERY EFFORT TO PROMPTLY COVER ALL PIPE TRENCHES AND OTHER EXCAVATION SITES TO MINIMIZE ANY POTENTIAL HAZARDS.

50. BOND BURIED JOINTS ON DUCTILE-IRON, CAST IRON AND STEEL PIPE HAVING WELDED JOINTS OR BONDING RODS. PROVIDE TWO BONDING WIRES SPACED 90 DEGREES APART ACROSS EACH JOINT, CONNECT THE BONDING WIRES TO THE PIPES BY MEANS OF THERMITE WELDS. APPLY THERMITE WELD CAPS OVER THE COMPLETED THERMITE WELDS.

51. ALL FILL MATERIAL SHALL MEET THE GEOTECHNICAL REPORT RECOMMENDATIONS. ALL AGGREGATES AND SUITABLE MATERIAL MUST BE OBTAINED FROM COMMERCIAL SOURCES. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING A SUITABLE SOURCE MEETING ALL REQUIREMENTS OF THIS CONTRACT. FOR MINIMUM REQUIREMENTS REFER TO THE GEOTECHNICAL EVALUATION REPORT PREPARED BY GEOTECHNICAL ENGINEERING SERVICES, ALBUQUERQUE NM, PROJECT NO. 1-30307, DATED JUNE 2, 2023.

52. WRITTEN PRIOR APPROVAL REQUIRED FOR ALL PROPOSED SUBSTITUTIONS OF EQUIPMENT AND MATERIALS, RECEIVED BY ENGINEER, 10 DAYS PRIOR TO BID DATE OF PROJECT TO ALLOW ADEQUATE TIME FOR REVIEW AND RESPONSE.

53. ALL TRENCHING AND BACKFILL FOR PIPING SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR.

54. ALL PIPE PENETRATIONS THRU FIRE-RATED ASSEMBLIES SHALL BE SLEEVED AND SEALED WITH CODE-APPROVED FIRE BARRIER MATERIALS.

NO.	DATE	AS-BUILT INFORMATION		NO.
		CONTRACTOR	DATE	
		WORK BY	DATE	
		SUBMITTALS	DATE	
		ACCEPTANCE BY	DATE	
		FIELD ACTION BY	DATE	
		DRAWINGS	DATE	
		CONNECTED BY	DATE	
		RECORDED BY	DATE	

NO.	DATE	MICRO-FILM INFORMATION		NO.
		CONTRACTOR	DATE	
		WORK BY	DATE	
		SUBMITTALS	DATE	
		ACCEPTANCE BY	DATE	
		FIELD ACTION BY	DATE	
		DRAWINGS	DATE	
		CONNECTED BY	DATE	
		RECORDED BY	DATE	

NO.	DATE	SURVEY INFORMATION		NO.
		CONTRACTOR	DATE	
		WORK BY	DATE	
		SUBMITTALS	DATE	
		ACCEPTANCE BY	DATE	
		FIELD ACTION BY	DATE	
		DRAWINGS	DATE	
		CONNECTED BY	DATE	
		RECORDED BY	DATE	

NO.	DATE	FIELD NOTES		NO.
		CONTRACTOR	DATE	
		WORK BY	DATE	
		SUBMITTALS	DATE	
		ACCEPTANCE BY	DATE	
		FIELD ACTION BY	DATE	
		DRAWINGS	DATE	
		CONNECTED BY	DATE	
		RECORDED BY	DATE	

NO.	DATE	REMARKS		NO.
		CONTRACTOR	DATE	
		WORK BY	DATE	
		SUBMITTALS	DATE	
		ACCEPTANCE BY	DATE	
		FIELD ACTION BY	DATE	
		DRAWINGS	DATE	
		CONNECTED BY	DATE	
		RECORDED BY	DATE	

NO.	DATE	DESIGN		NO.
		CONTRACTOR	DATE	
		WORK BY	DATE	
		SUBMITTALS	DATE	
		ACCEPTANCE BY	DATE	
		FIELD ACTION BY	DATE	
		DRAWINGS	DATE	
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		RECORDED BY	DATE	



**CITY OF ALBUQUERQUE**  
CAPITAL IMPLEMENTATION PROGRAM  
**AFD FIRE STATION 23**  
9601 AMOLE MESA AVE. N.W.  
ALBUQUERQUE, NM 87121

GENERAL NOTES AND INDEX TO DRAWINGS

Drawing Title	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
			7/10/18	
Design Review Committee	City Project No.	Issue Date:	Sheet	
		<b>JULY 25, 2023</b>	<b>CG-100</b>	

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# DRAINAGE REPORT

## SITE LOCATION

The existing site is an approximate 6.5-acre piece of land located east of 98<sup>th</sup> Street and north of Amole Mesa Southwest in Albuquerque, New Mexico. The site is located on the east side of 98<sup>th</sup> Street and can be accessed via Amole Mesa Avenue S.W. (see vicinity map this sheet).

## EXISTING CONDITIONS

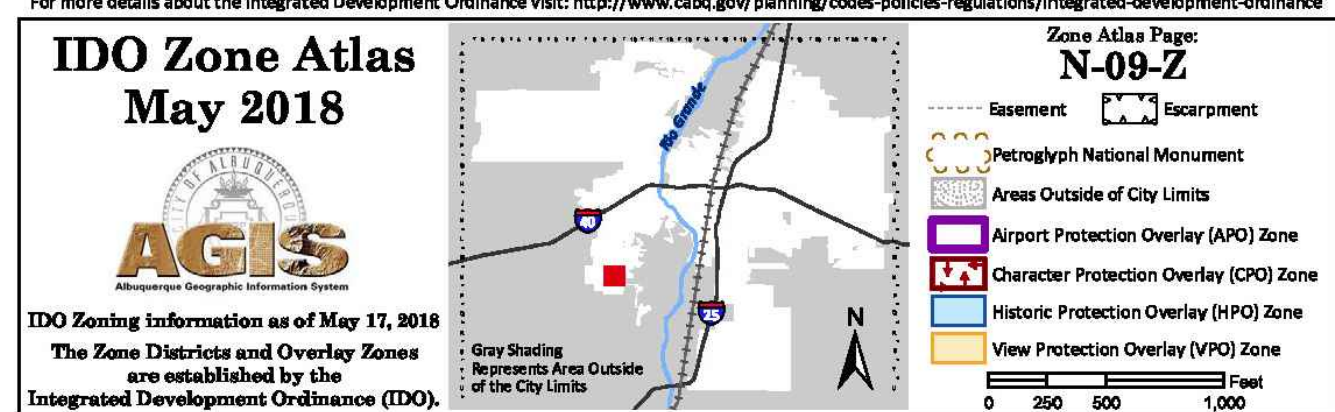
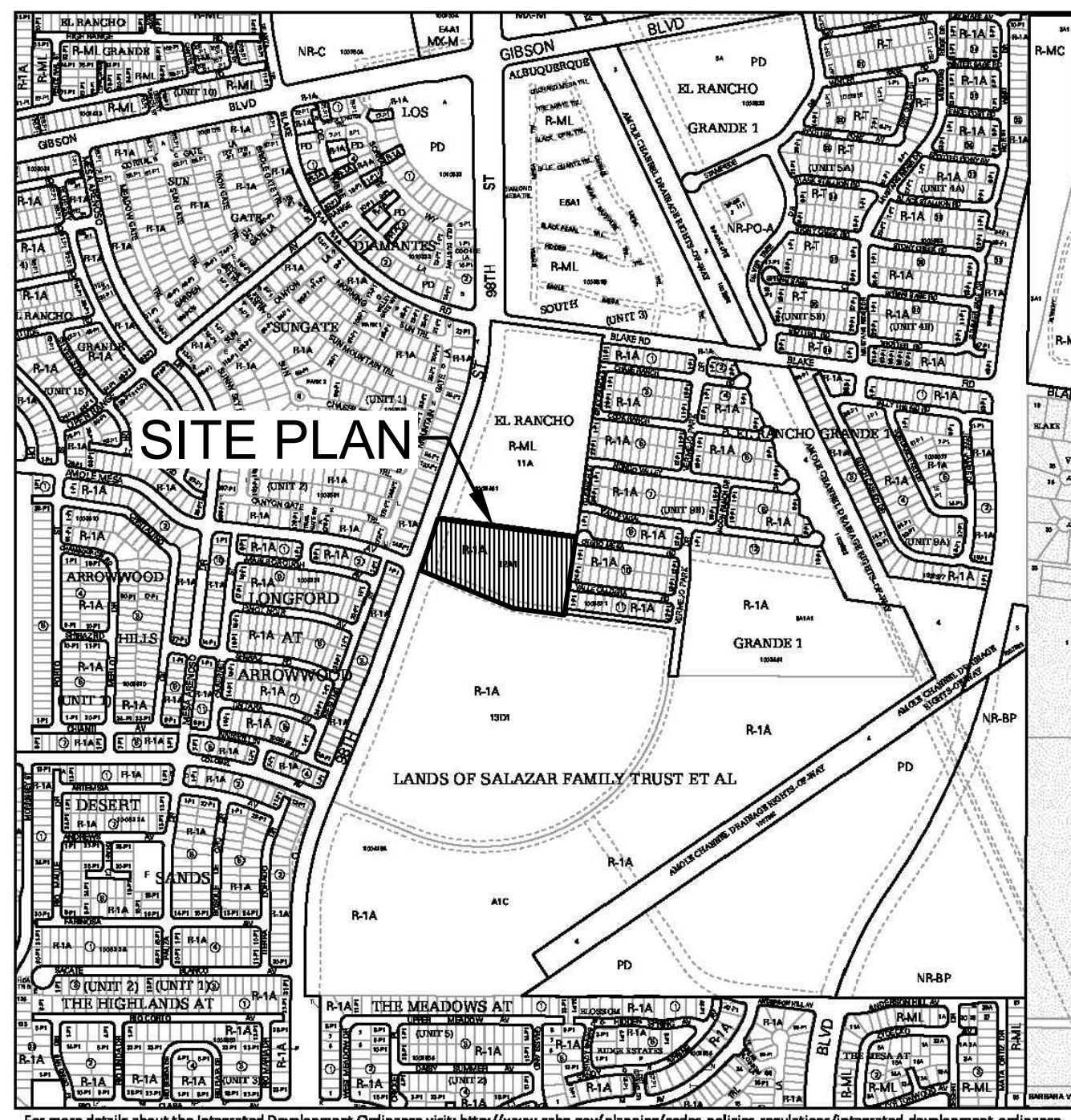
The existing site is estimated at 6.5 acres and is currently undeveloped. Of the existing 6.5 acres site the eastern 2.5-3.0 acres will be used for this development. The site slopes moderately from west to east at an average slope of 2.5%. The site does not lie within a 100-year FEMA floodplain (see FEMA panel on this sheet).

## PROPOSED CONDITIONS

The proposed project will consist of a new fire station building, new driveway entrances from Amole Mesa Avenue and parking lot areas on the west side of the site. The site will also have several landscape areas for water harvesting. The total area of impervious disturbance for this site under proposed conditions is estimated at 3 acres. The storm water quality volume for this disturbance area for this site is estimated at 4726 cubic feet. An effort has been made to accommodate storm water quality ponds within several landscape buffers located on the site. The total storm water quality pond volume provided is estimated at 13,530 cubic feet. The drainage calculations are indicated on this sheet.

## CONCLUSIONS

When fully developed as indicated on the grading and drainage plan, the runoff from the site will increase by an estimated 14.18 cfs and 0.914 acre-feet during the 100-year, 24-hour event. Storm water runoff from the site will discharge to several water harvest features and eventually to its historical location in Amole Mesa Ave. S.W.



## VICINITY MAP

ZONE ATLAS MAP N-09-Z

## HYDROLOGY CALCULATIONS

### HYDROLOGY

Basin	Basin Area (Ac)	Land Treatment Factors				Ew (in)	V(100-6) (af)	V(100-24) (af)	Q(100) (cfs)
		A	B	C	D				
<b>Existing Conditions</b>									
Site	6.80	6.50	0.00	0.20	0.10	0.48	0.271	0.275	9.40
<b>Total</b>	<b>6.80</b>								<b>9.40</b>
<b>Proposed Conditions</b>									
Site	6.80	0.00	0.70	3.00	3.10	1.40	0.796	0.914	23.58
<b>Total</b>	<b>6.80</b>								<b>23.58</b>

## WATER HARVEST AREA

Pond Rating Table				
Side Slope				
Elev. (ft)	Area (sq ft)	Volume (cf)	Cum Volume (cf)	
83	654	0	0	
84	1269	961.500	961.500	
85	2026	1647.500	2609.000	

Pond Rating Table				
Side Slope				
Elev. (ft)	Area (sq ft)	Volume (cf)	Cum Volume (cf)	
81	1067	0	0	
82	1647	1357.000	1357.000	

Pond Rating Table				
Side Slope				
Elev. (ft)	Area (sq ft)	Volume (cf)	Cum Volume (cf)	
83	232	0	0	
84	623	427.500	427.500	
85	1190	906.500	1334.000	

Pond Rating Table				
Side Slope				
Elev. (ft)	Area (sq ft)	Volume (cf)	Cum Volume (cf)	
69	1422	0	0	
70	1915	1668.500	1668.500	
71	2556	2235.500	3904.000	
72	6096	4326.000	8230.000	

## STORM WATER QUALITY CALCULATIONS

$$SQWV = (135,036 * 0.42''/12) = 4,726 \text{ CUBIC FEET}$$

## GENERAL NOTES:

- EXISTING TOPOGRAPHIC SURVEY PERFORMED AND COMPILED BY TERRA LAND SURVEYS, LLC, CORRALES, NEW MEXICO MARCH 2023. MILLER ENGINEERING CONSULTANTS HAS UNDERTAKEN NO FIELD VERIFICATION OF THIS INFORMATION.
- PROJECT BENCHMARK IS A CITY OF ALBUQUERQUE SURVEY ALUMINUM DISC STAMPED "2-pg", HAVING AN ELEVATION OF 5056.962. NAVD 88.
- 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 REQUIREMENTS.
- THE CONTRACTOR SHALL TAKE ALL APPROPRIATE AND REASONABLE MEASURES TO PREVENT SEDIMENT OR POLLUTANT LADEN STORM WATER FROM EXITING 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 THE 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 NROS 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 C125) OR APPROVED EQUAL.

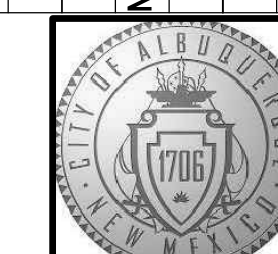
## National Flood Hazard Layer FIRMette



## FLOOD ZONE MAP

FLOOD ZONE MAP: 35001C0336H

NO.	DATE	BY	REMARKS	DESIGN	DATE	DATE



## CITY OF ALBUQUERQUE CAPITAL IMPLEMENTATION PROGRAM

**AFD FIRE STATION 23**  
9601 AMOLE MESA AVE. N.W. ALBUQUERQUE, NM 87121

Drawing Title: **HYDROLOGY PLAN**

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
		7/10/18	

Issue Date: **JULY 25, 2023** City Project No. .

Last Design Update	Sheet
	<b>CG-101</b>



















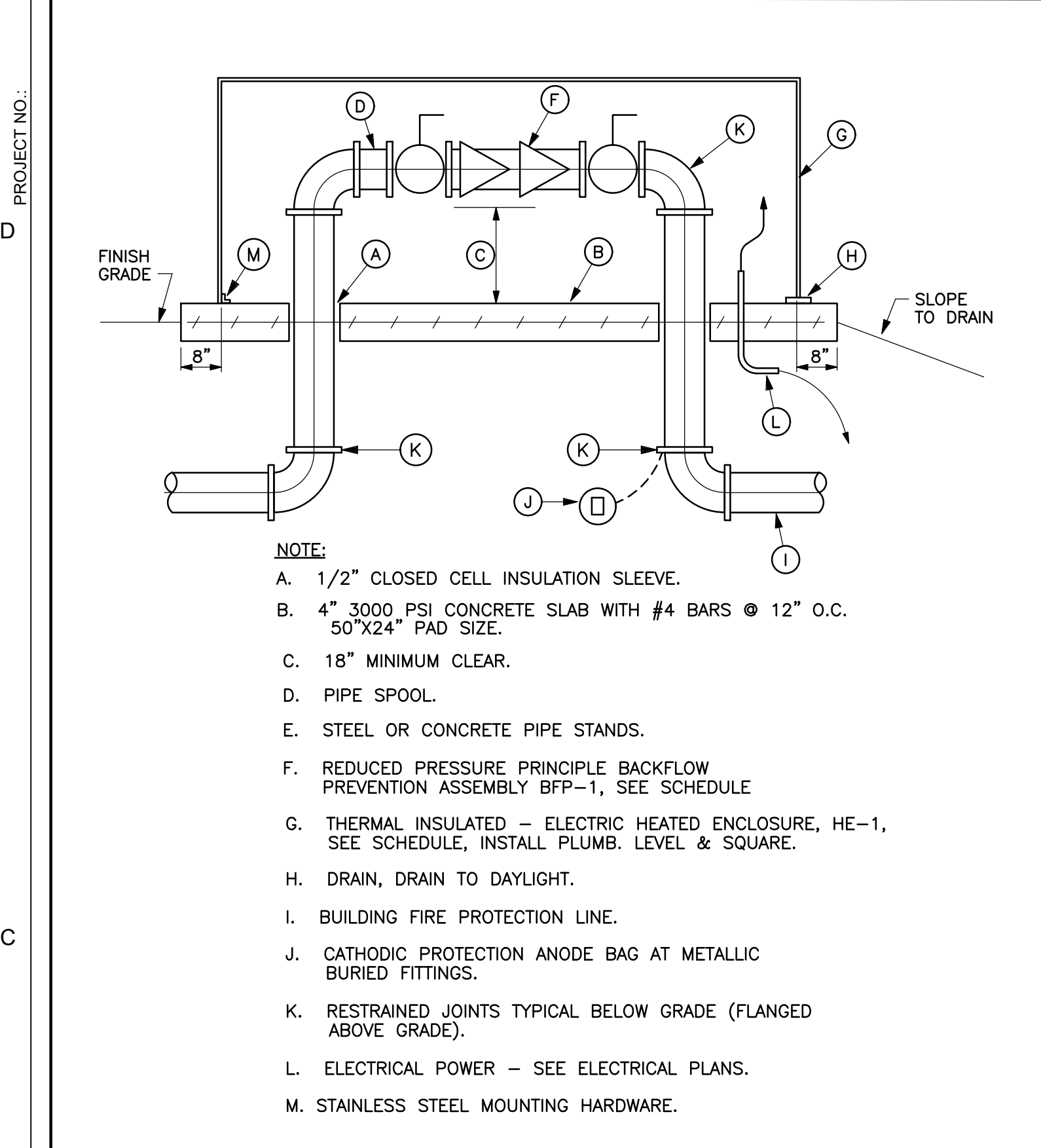










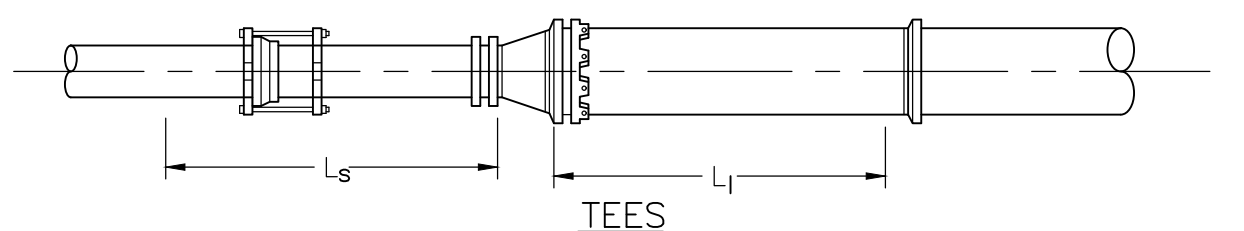


**REDUCED PRESSURE BACKFLOW PREVENTER ASSEMBLY (BFP-1)**  
SCALE: NONE

FIRE PROTECTION EQUIPMENT SCHEDULE	
SYMBOL	DESCRIPTION
BFP-1	BACKFLOW PREVENTER: FEBCO MODEL 860U REDUCED PRESSURE BACKFLOW PREVENTION DEVICE WITH UNION END BALL VALVES, CHECK VALVE ASSEMBLY WITH STAINLESS STEEL SPRINGS, BRONZE BODY, WORKING PRESSURE OF 175 PSI AND WATER TEMPERATURES OF 32 F TO 140 F, USC AND IAPMO APPROVED, FURNISH WITH AG-1 AIR GAP DRAIN AND PIPE FULL SIZE TO OUTSIDE, SIZE AS SHOWN ON DRAWING.
HE-1	HEATED ENCLOSURE: FLIP TOP FIBERGLASS UNIT WITH HEAT, MINIMUM 1/8" THICK THIXOTROPIC POLYESTER RESIN REINFORCED WITH FIBERGLASS, SMOOTH MOLDED EXTERIOR, UV PROTECTED FINISH, 1 1/4" INSULATION(R-8), LOCKABLE FLIP TOP, ONE WAY DRAIN OPENINGS, 90 WATT HEATER, UNIT SHALL BE ASSE 1060 CERTIFIED, SELECTION BASED ON HOT BOX MODEL HB2 OR APPROVED EQUAL.

**REDUCER**

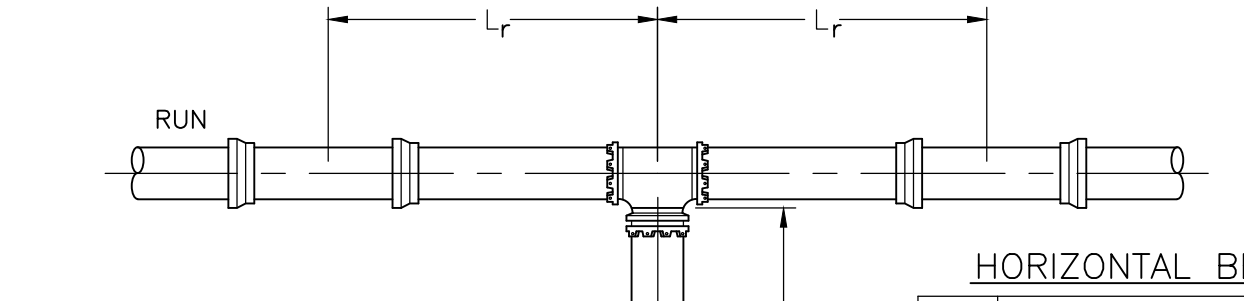
RESTRAIN EITHER L <sub>s</sub> OR L <sub>l</sub> LENGTH	(L <sub>s</sub> ) L SMALL or (L <sub>l</sub> ) L LARGE	
	UNOBSTRUCTED STRAIGHT RUN LENGTH, FEET RESTRAINED	LARGE SIDE RESTRAINED LENGTH, FEET
6" x 4"	42	28
8" x 4"	39	30
8" x 6"	39	30
10" x 6"	87	53
10" x 8"	36	29
12" x 8"	81	54
12" x 10"	36	30
14" x 10"	78	55



**TEES**

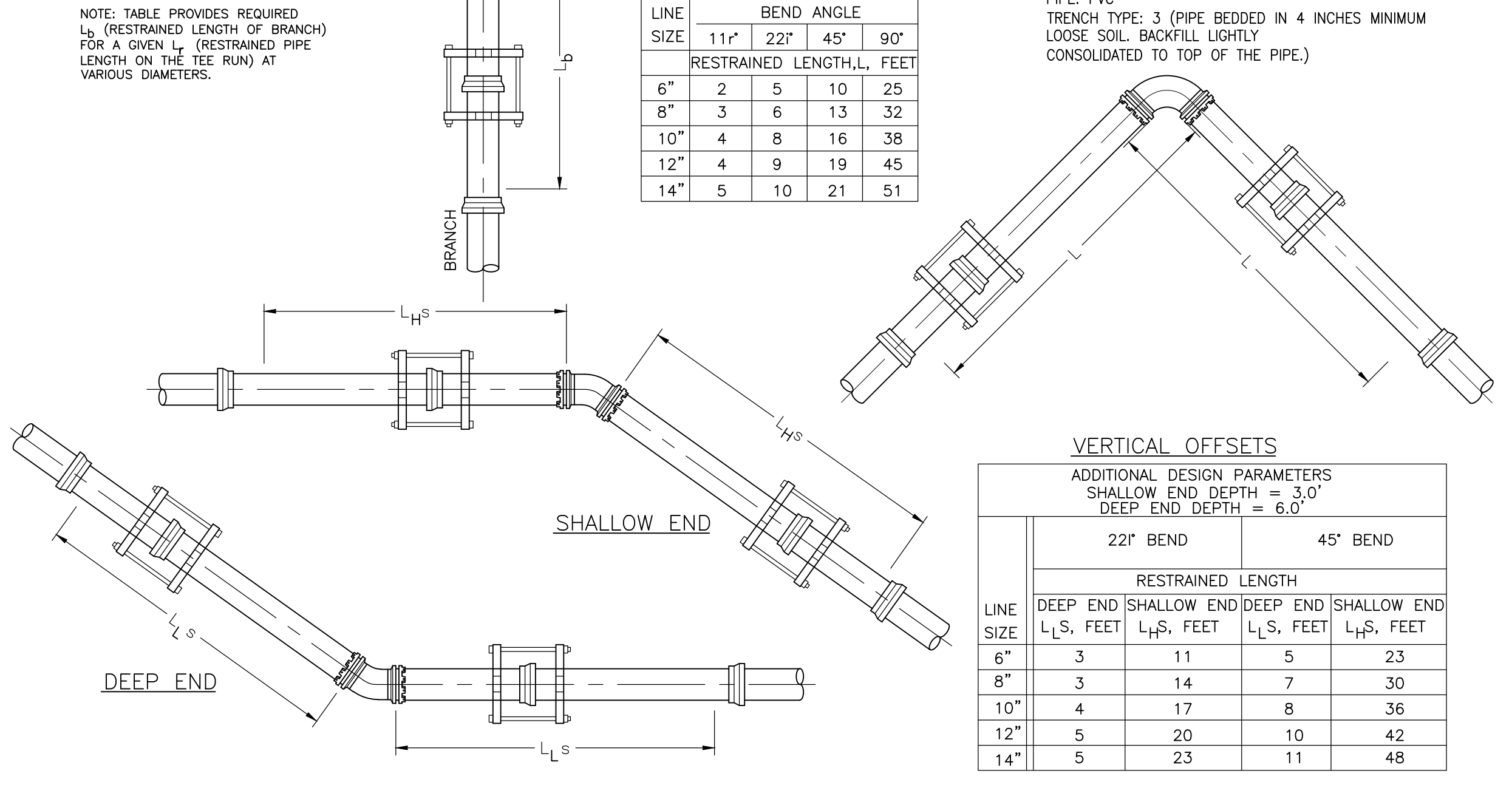
LINE SIZE	BRANCH SIZE 6"		BRANCH SIZE 8"		BRANCH SIZE 10"		BRANCH SIZE 12"	
	L <sub>r</sub> =5'	L <sub>r</sub> =10'	L <sub>r</sub> =15'	L <sub>r</sub> =20'	L <sub>r</sub> =5'	L <sub>r</sub> =10'	L <sub>r</sub> =15'	L <sub>r</sub> =20'
6"	36	18	FJO	FJO	58	44	30	16
8"	30	6	FJO	FJO	53	35	16	FJO
10"	24	FJO	FJO	FJO	48	24	1	FJO
12"	17	FJO	FJO	FJO	43	14	FJO	FJO
14"	FJO	FJO	FJO	FJO	21	FJO	FJO	FJO

FJO: RESTRAIN REQUIRED AT FITTING JOINT ONLY



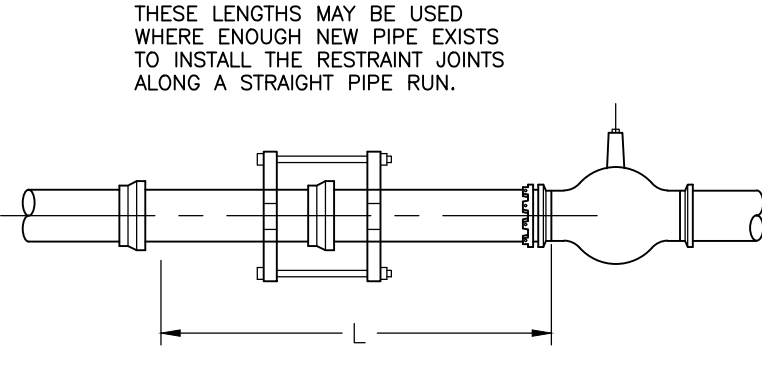
**HORIZONTAL BENDS**

LINE SIZE	BEND ANGLE		
	11°	22°	45° 90°
6"	2	5	10 25
8"	3	6	13 32
10"	4	8	16 38
12"	4	9	19 45
14"	5	10	21 51

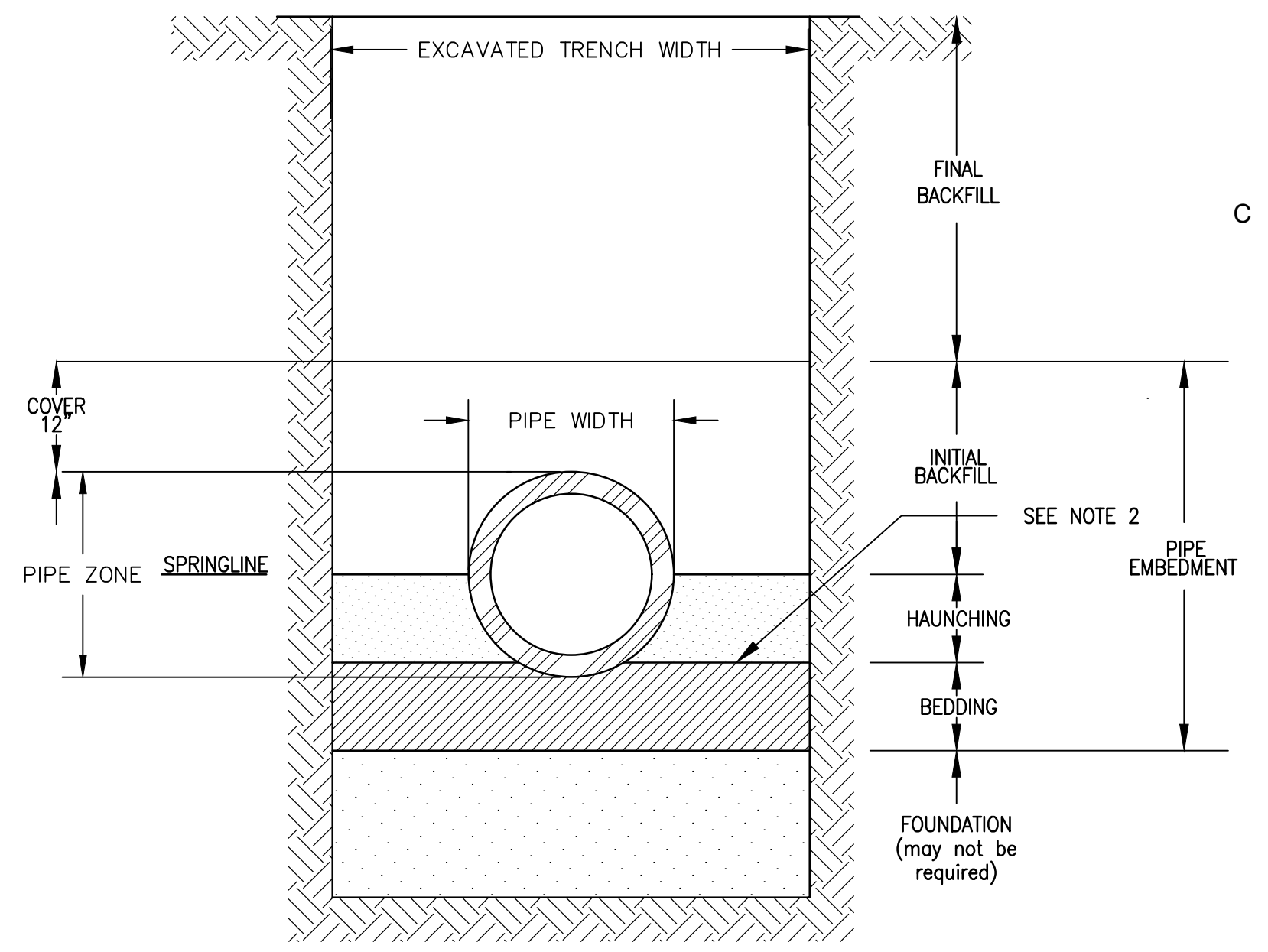


**B1 PIPE RESTRAINT LENGTHS**  
SCALE: NOT TO SCALE

LINE SIZE	RESTRAINED LENGTH L, BOTH SIDES OF VALVE, FEET
4"	39
6"	55
8"	72
10"	86
12"	102
14"	116



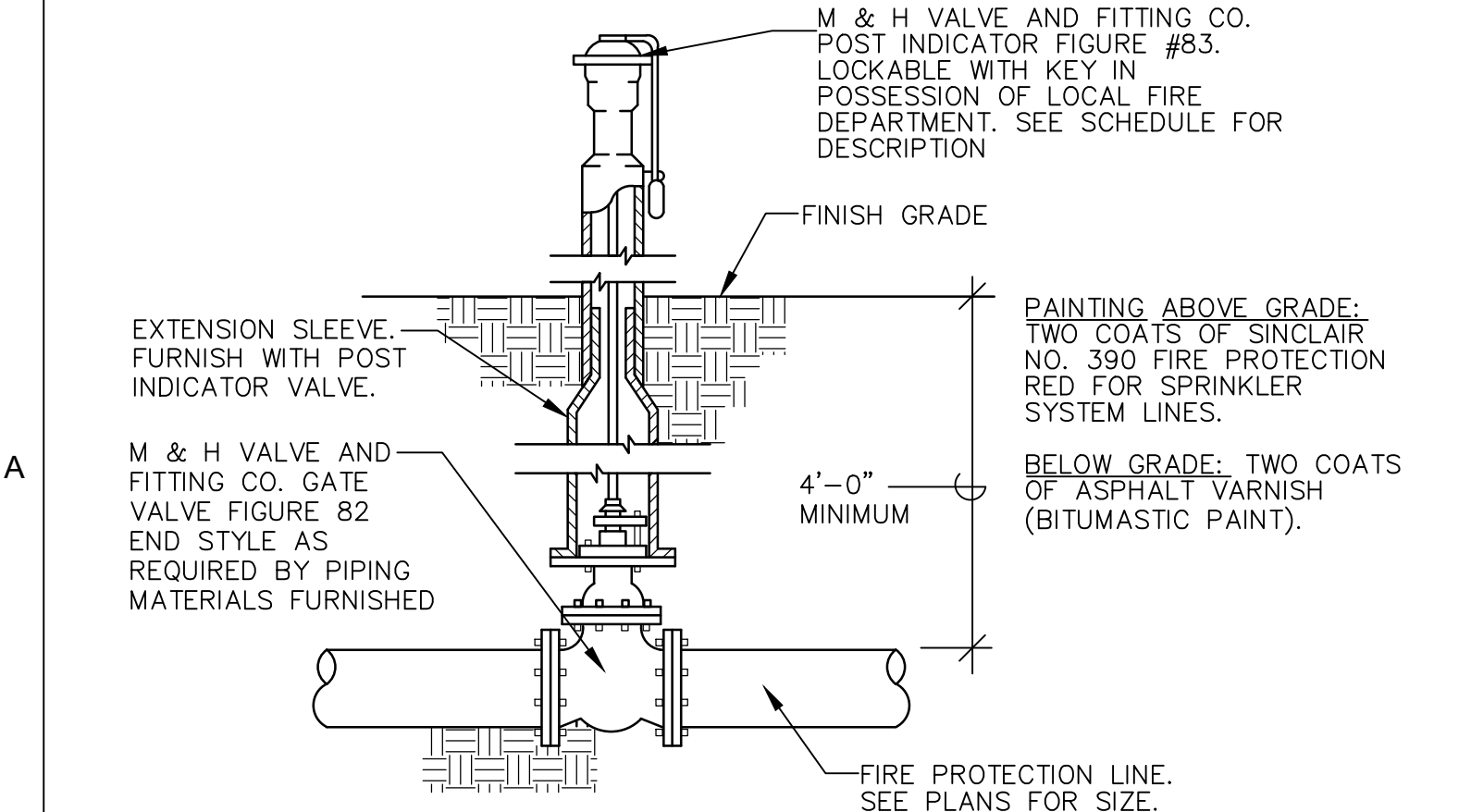
- THRUST RESTRAINT GENERAL NOTES**
- RESTRAINED PIPE LENGTHS FOR PVC USING EBAA IRON THRUST RESTRAINING SYSTEM.
  - LENGTHS MAY OVERLAP TO DETERMINE GREATEST RESTRAINT LENGTH IN ANY ONE DIRECTION.
  - CONTRACTOR SHALL MINIMIZE NUMBERS OF RESTRAINED JOINTS REQUIRED BY USING 20' LONG SECTIONS OF PIPE WITHIN THE RESTRAINED LENGTH WHERE POSSIBLE. DIVIDE LENGTH BY 20 AND TRUNCATE DECIMAL PORTION OF NUMBER TO DETERMINE THE NUMBER OF REQUIRED RESTRAINED JOINTS.
  - SPECIAL CONSIDERATION MAY BE NEEDED TO MEET CERTAIN FIELD CONDITIONS.
  - RESTRAINT LENGTHS MAY EXTEND INTO EXISTING WATER MAINS, REQUIRING RESTRAINED FITTINGS TO BE PLACED AT EXISTING WATERLINE JOINTS FOR THE LENGTH SPECIFIED IN THE TABLES ON THIS SHEET.
  - CONCRETE BLOCKING, PER COA STANDARD DRAWING 2320, SHALL BE USED IN LIEU OF RESTRAINED JOINTS AT ALL CAPS. DESIGN ASSUMPTIONS:  
SAFETY FACTOR: 1.5  
PRESSURE: 150 PSI  
SOIL TYPE: GM & SM - SILTY GRAVELS AND SILTY SANDS  
PIPE: PVC  
TRENCH TYPE: 3 (PIPE BEDDED IN 4 INCHES MINIMUM LOOSE SOIL. BACKFILL LIGHTLY CONSOLIDATED TO TOP OF THE PIPE.)



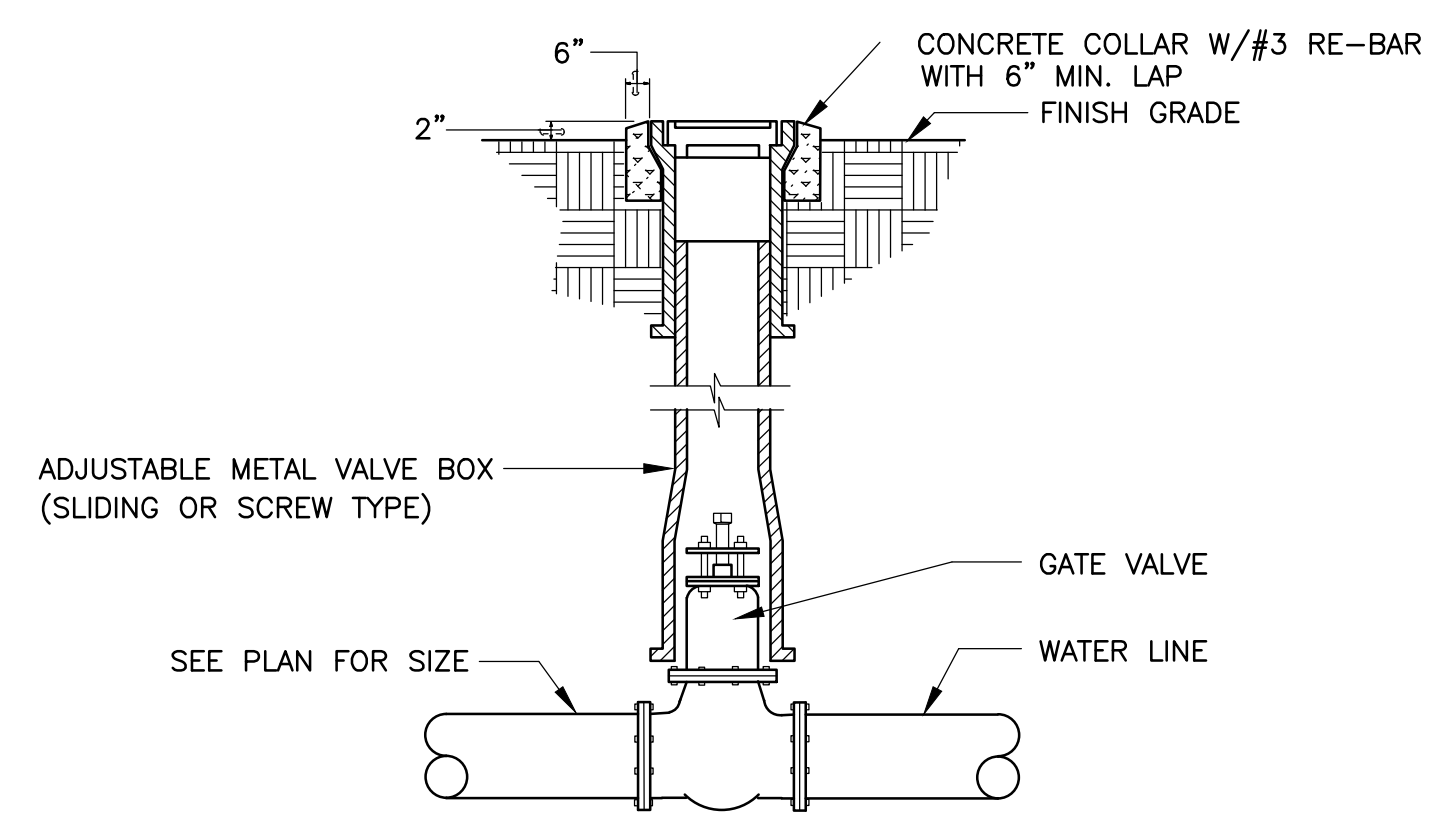
TRENCH CROSS-SECTION SHOWING TERMINOLOGY

**D4 TRENCHING DETAIL**  
SCALE: NOT TO SCALE

- GENERAL NOTES:**
- MECHANICAL TAMPERS NOT TO BE USED IN THE INITIAL BACKFILL SECTION FOR FLEXIBLE PIPE.
  - MINIMUM CLASS "C" BEDDING WILL BE USED.



**D6 POST INDICATOR VALVE DETAIL**  
SCALE: NOT TO SCALE



**VALVE BOX DETAIL**  
SCALE: NONE

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WWW.MECNM.COM

AS-BUILT INFORMATION	
CONTRACTOR	DATE
WORKED BY	DATE
SUBMITTED BY	DATE
ACCEPTANCE BY	DATE
FIELD APPLICATION BY	DATE
REVISIONS	DATE
CONNECTED BY	DATE
CHECKED BY	DATE
RECORDED BY	DATE

BENCH MARKS	
NO.	DATE

SURVEY INFORMATION	
FIELD NOTES	DATE

SEAL	
NO.	DATE

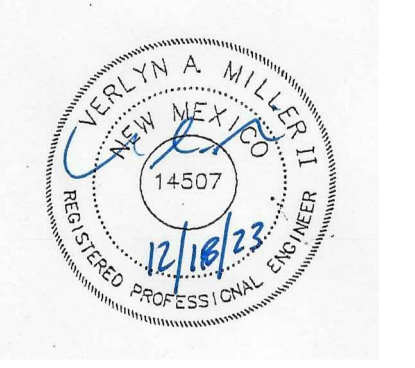
REMARKS	
BY	DATE

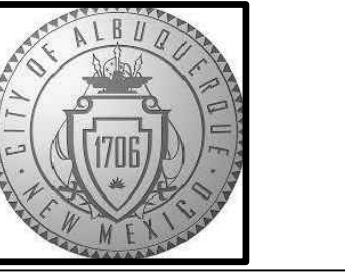
DESIGN	
DESIGNED BY	DATE

DRAWN BY	
DATE	DATE



**VIGIL & ASSOCIATES**  
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www.va-architects.com



**CITY OF ALBUQUERQUE CAPITAL IMPLEMENTATION PROGRAM**

**AFD FIRE STATION 23**  
9601 AMOLE MESA AVE. N.W.  
ALBUQUERQUE, NM 87121

MISCELLANEOUS DETAILS	
Drawing Title	file name:
Design Review Committee	City Engineer Approval
Issue Date:	City Project No.
Sheet	Mo./Day/Yr.
	7/10/18

**JULY 25, 2023**

**D-503**



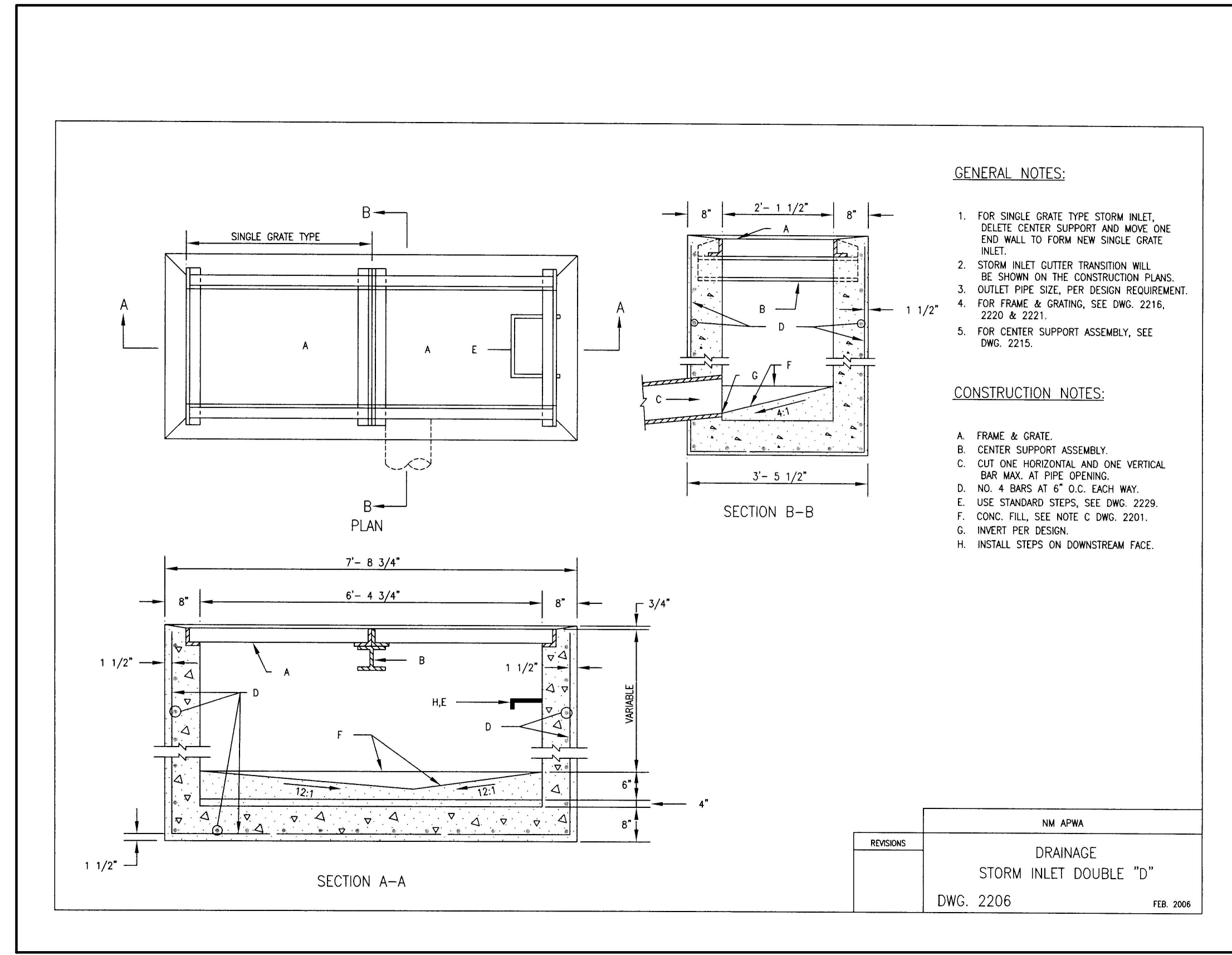
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D

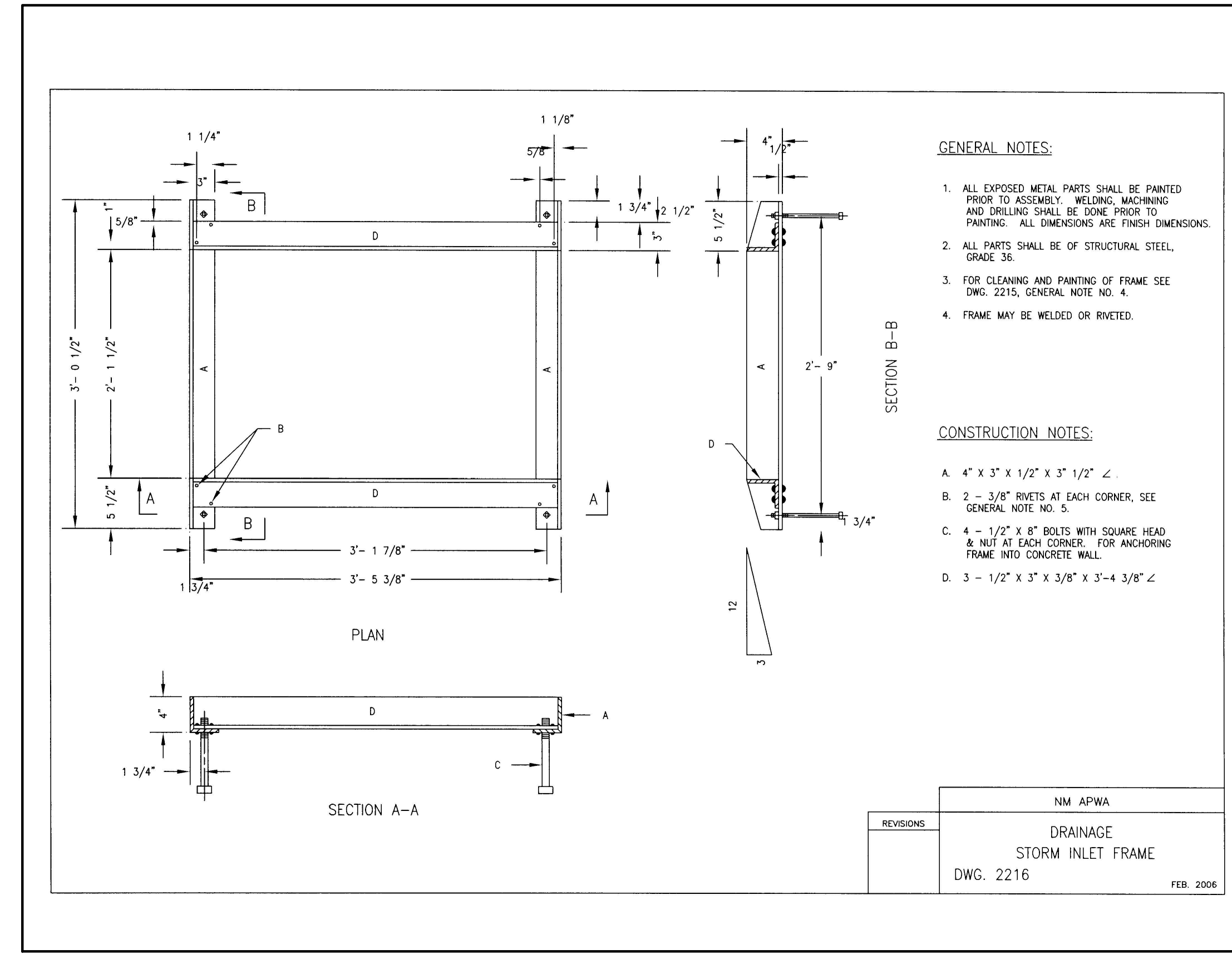
C

B

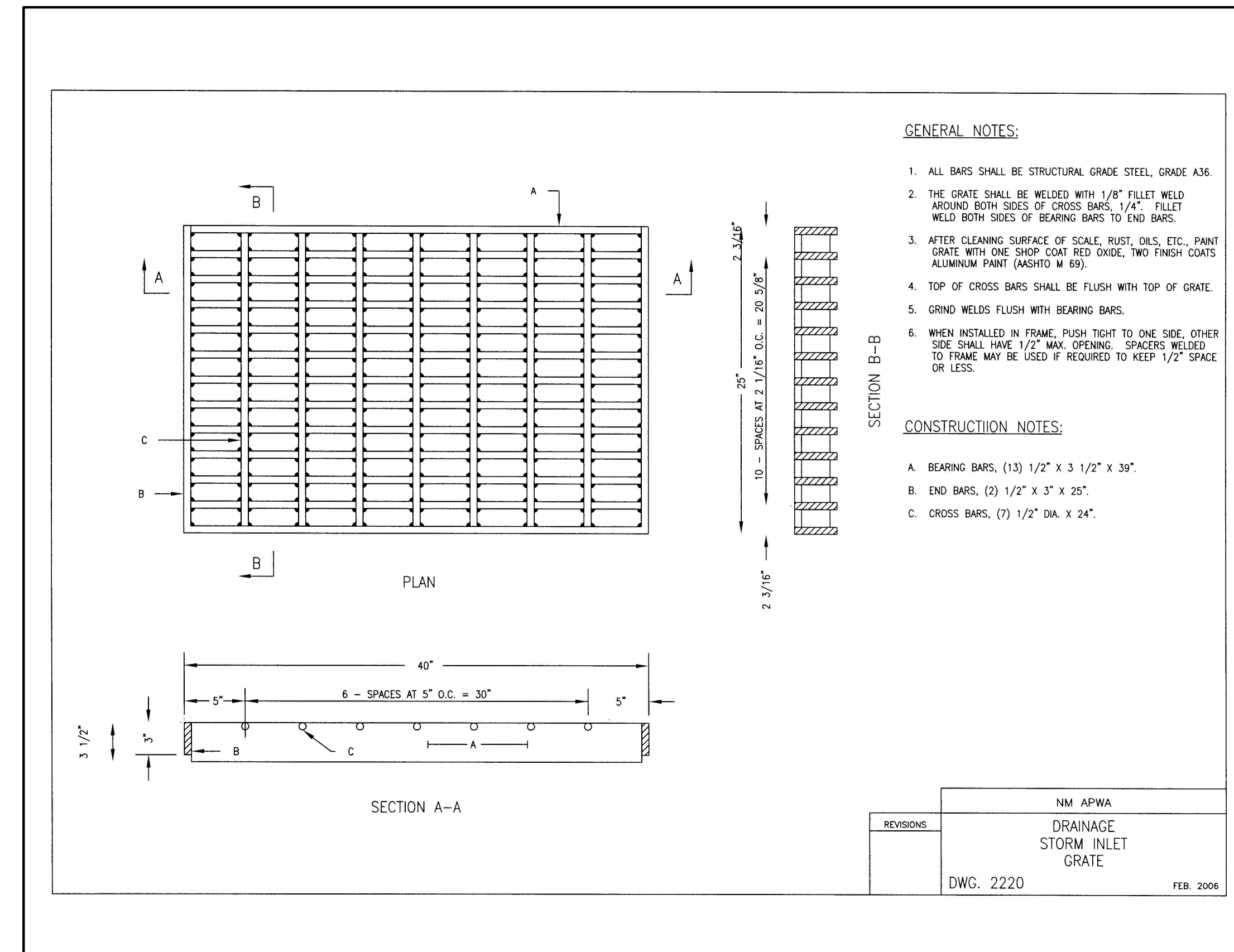
A



C1 TYPE D STORM INLET  
SCALE: NOT TO SCALE

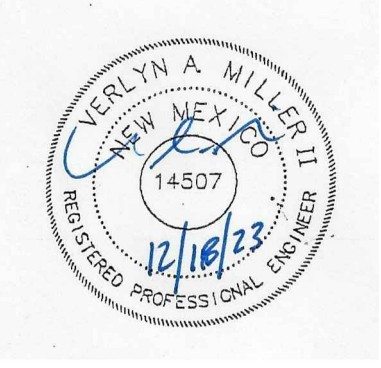


C3 TYPE D STORM INLET FRAME  
SCALE: NOT TO SCALE



C5 TYPE D STORM INLET GRATE  
SCALE: NOT TO SCALE

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION	
CONTRACTOR	DATE			FIELD NOTES	DATE
WORKS BY	DATE				
SUBSCRIBE	DATE				
FIELD APPLICATION BY	DATE				
DESIGNED BY	DATE				
CHECKED BY	DATE				
RECORDED BY	DATE				



NO.	DATE	REMARKS	DESIGN	DATE

Designed By: \_\_\_\_\_  
Drawn By: \_\_\_\_\_  
Checked By: \_\_\_\_\_



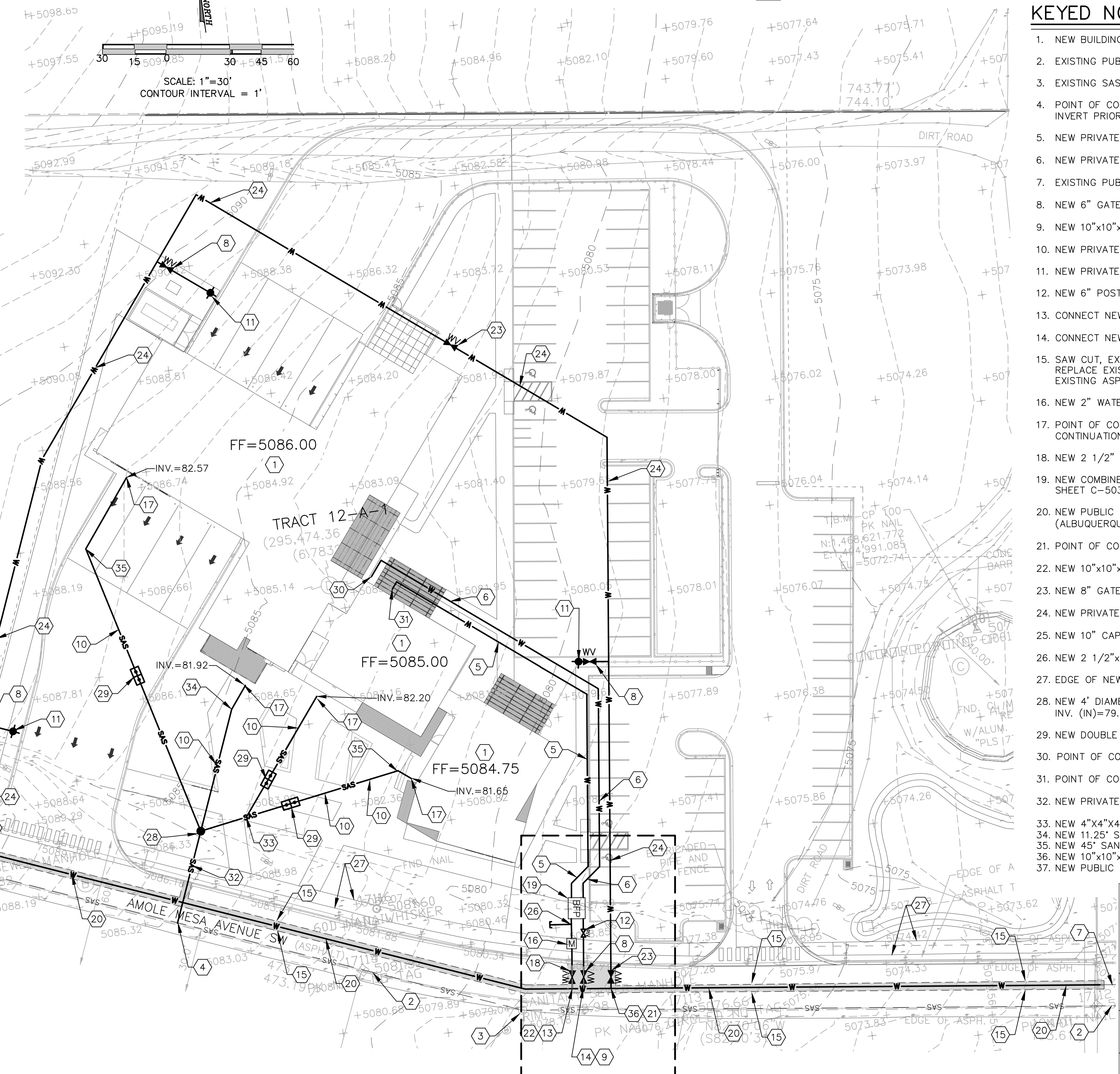
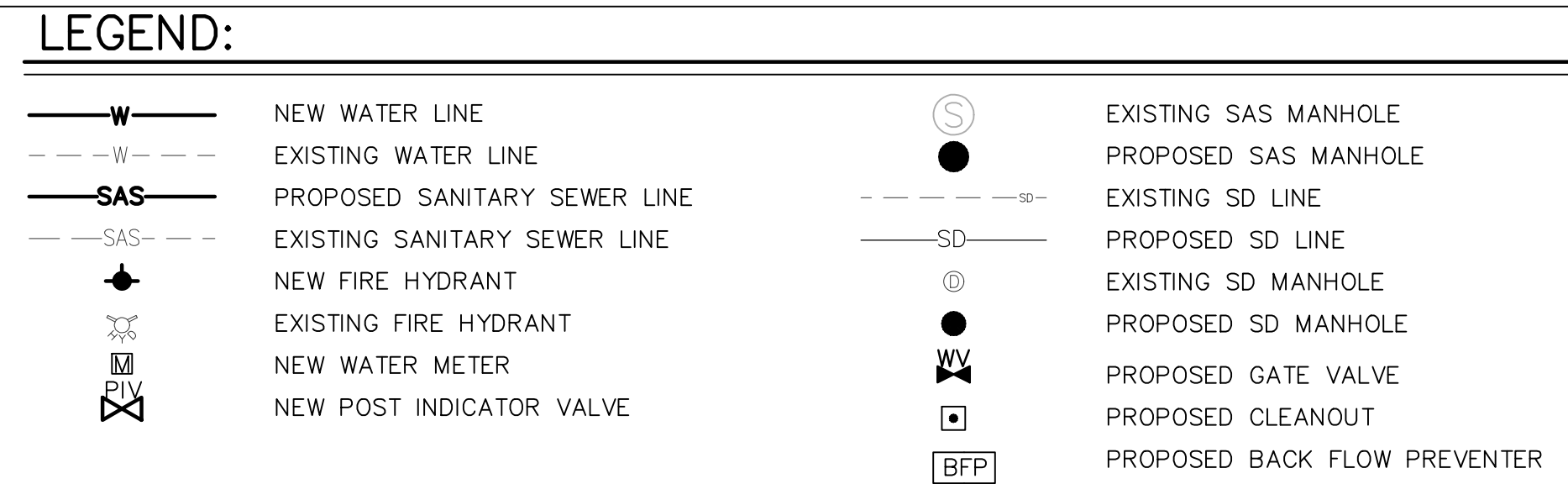
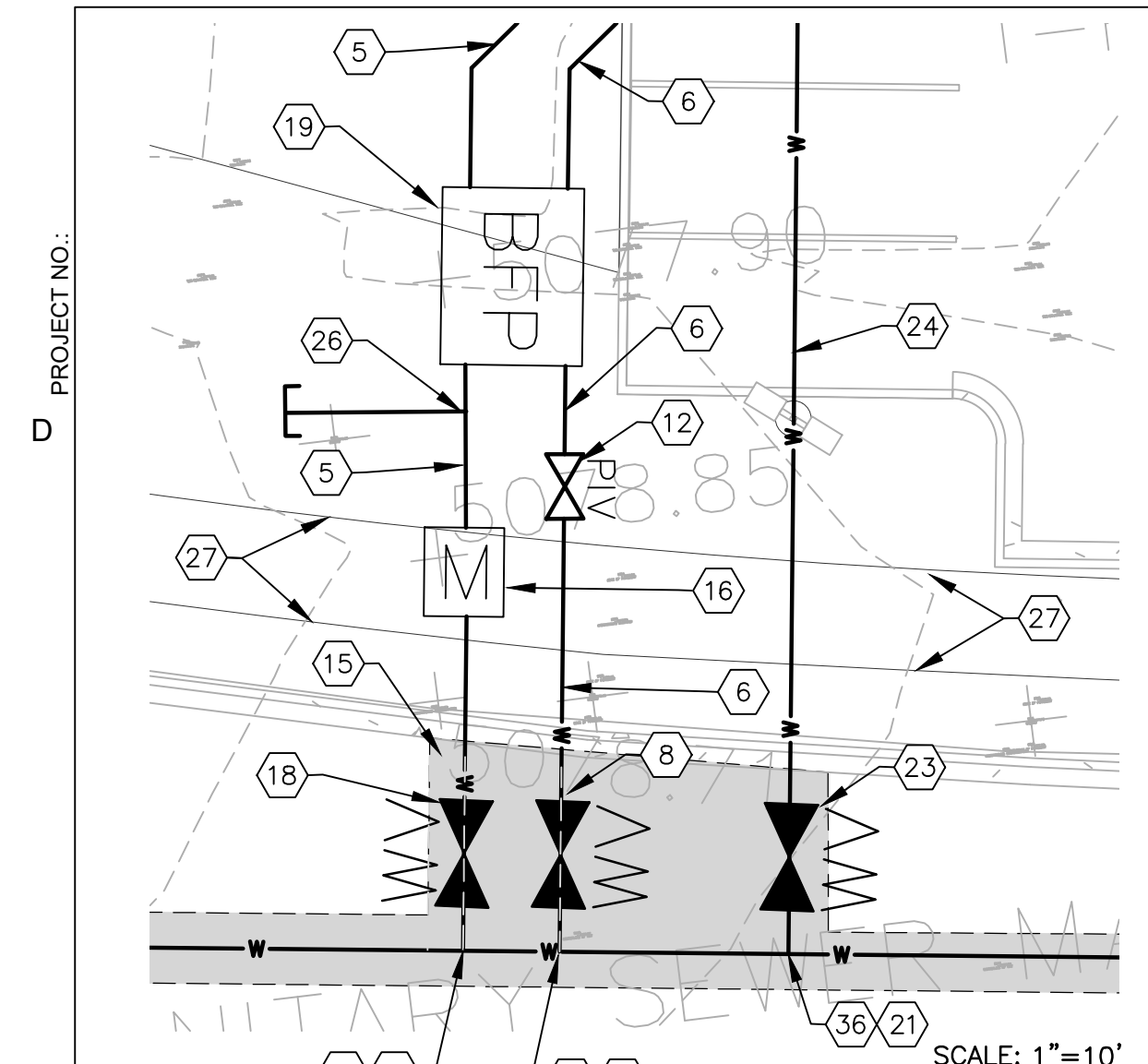
**CITY OF ALBUQUERQUE**  
CAPITAL IMPLEMENTATION PROGRAM  
**AFD FIRE STATION 23**  
9601 AMOLE MESA AVE. N.W.  
ALBUQUERQUE, NM 87121

Drawing Title		MISCELLANEOUS DETAILS	
Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
		7/10/18	
Issue Date:	City Project No.	Sheet	
<b>JULY 25, 2023</b>			<b>D-504</b>

**ME MILLER ENGINEERING CONSULTANTS**  
Engineers • Planners  
3500 COMANCHE, NE  
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ALBUQUERQUE, NM 87117  
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(505)888-3800 (FAX)  
WWW.MECNM.COM

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**GENERAL NOTE:**

1. ALL WATER LINES SHALL HAVE A 3' MINIMUM BURY.

**KEYED NOTES**

1. NEW BUILDINGS SEE ARCHITECTURAL DRAWINGS.
2. EXISTING PUBLIC 8" SANITARY SEWER LINE. FIELD VERIFY SIZE PRIOR TO CONSTRUCTION.
3. EXISTING SAS MANHOLE TO REMAIN.
4. POINT OF CONNECTION FOR NEW 6" SAS LINE TO EXISTING SAS MAIN. FIELD VERIFY INVERT PRIOR TO CONSTRUCTION.
5. NEW PRIVATE 2 1/2" DIA. DOMESTIC WATER SERVICE LINE WITH METER.
6. NEW PRIVATE 6" DIA. DEDICATED FIRE LINE.
7. EXISTING PUBLIC 10" WATER MAIN LINE.
8. NEW 6" GATE VALVE, SEE DETAIL SHEET C-503.
9. NEW 10"x10"x6" TEE.
10. NEW PRIVATE 4" SAS LINE @ 2% MINIMUM SLOPE SEE SHEET C-504 FOR DETAILS.
11. NEW PRIVATE FIRE HYDRANT PER COA STD DWG #2340.
12. NEW 6" POST INDICATOR VALVE (PIV) SEE SHEET C-503 FOR DETAILS.
13. CONNECT NEW 2 1/2" DIA. DOMESTIC WATER LINE TO NEW 10" WATER MAIN.
14. CONNECT NEW 6" DIA. DEDICATED FIRE LINE TO NEW 10" WATER MAIN.
15. SAW CUT, EXISTING ASPHALT TO CLEAN STRAIGHT EDGE. REMOVE, DISPOSE AND REPLACE EXISTING ASPHALT AS NECESSARY TO INSTALL WATER AND SAS LINES. MATCH EXISTING ASPHALT SECTION OF ASPHALT, BASE COURSE AND SUBGRADE PREP.
16. NEW 2" WATER METER, PER COA STD DWG #2363 AND #2367.
17. POINT OF CONNECTION OF NEW 4" SAS TO NEW BUILDING, SEE PLUMBING PLANS FOR CONTINUATION.
18. NEW 2 1/2" VALVE.
19. NEW COMBINED REDUCED PRESSURE BACKFLOW PREVENTER ASSEMBLY, SEE DETAIL SHEET C-503.
20. NEW PUBLIC 10" WATERLINE. COORDINATE AND PERMIT THIS WORK WITH ABCWUA, (ALBUQUERQUE BERNILLO COUNTY WATER UTILITY AUTHORITY)
21. POINT OF CONNECTION OF NEW 8" FIRE LOOP TO NEW 8" MAIN LINE.
22. NEW 10"x10"x2" TEE.
23. NEW 8" GATE VALVE.
24. NEW PRIVATE 8" FIRE LOOP.
25. NEW 10" CAP.
26. NEW 2 1/2"x2 1/2"x1" TEE WITH 10' OF 1" STUB-OUT FOR IRRIGATION.
27. EDGE OF NEW SIDEWALK.
28. NEW 4" DIAMETER TYPE 'E' MANHOLE PER COA DWGS #2102, #2110, & #2118. INV. (IN)=79.1, INV. (OUT)=79.0
29. NEW DOUBLE CLEAN-OUTS SEE DETAIL SHEET C-504 FOR DETAILS.
30. POINT OF CONNECTION OF NEW 6" FIRE LINE TO BUILDING.
31. POINT OF CONNECTION OF NEW 2 1/2" DOM. WATERLINE TO BUILDING.
32. NEW PRIVATE 6" SAS LINE @ 2% MINIMUM SLOPE SEE SHEET C-504 FOR DETAILS.
33. NEW 4"x4"x4" WYE, INV. 80.00.
34. NEW 11.25" SANITARY SEWER BEND.
35. NEW 45" SANITARY SEWER BEND.
36. NEW 10"x10"x8" TEE.
37. NEW PUBLIC FIRE HYDRANT PER COA STANDARD DWG. #2340.

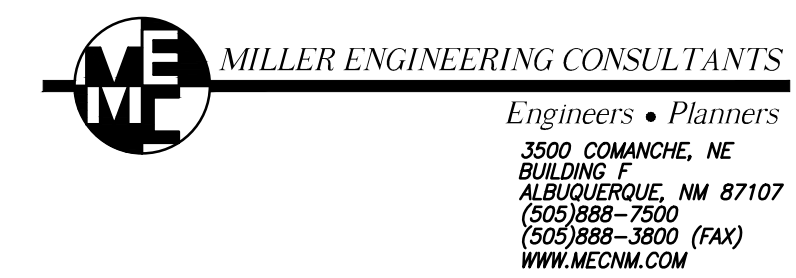
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CONTRACTOR	DATE	CONTRACTOR	DATE	NO.	DATE
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RECORDED BY	DATE	NO. <td>DATE</td> <td>NO. <td>DATE</td> </td>	DATE	NO. <td>DATE</td>	DATE



**CITY OF ALBUQUERQUE**  
CAPITAL IMPLEMENTATION PROGRAM  
**AFD FIRE STATION 23**  
9601 AMOLE MESA AVE. N.W.  
ALBUQUERQUE, NM 87121

- NOTE:**
1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL UTILITY CONNECTIONS INCLUDING ALL PERMITTING AND ASSOCIATED FEES TO ENSURE COMPLETE UTILITY SERVICE INSTALLATIONS FOR THIS PROJECT.
  2. COORDINATION WITH WATER AUTHORITY CROSS CONNECTION SECTION WILL BE REQUIRED TO ENSURE PROPER BACKFLOW CONTAINMENT IS IN PLACE PRIOR TO RELEASE OF METER FOR THE SITE. CONTACT THE CROSS CONNECTION SECTION AT 505-289-3454.
  3. COORDINATION WITH THE WATER AUTHORITY PRE-TREATMENT ENGINEER IS REQUIRED TO ENSURE THE SITE COMPLIES WITH WATER AUTHORITY SEWER USE ORDINANCE. CONTACT THE PRE-TREATMENT ENGINEER AT 505-289-3439.

**A1 UTILITY PLAN OVERALL**  
SCALE: 1"=30'



Drawing Title		UTILITY PLAN OVERALL	
Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
		7/10/18	
Issue Date:	City Project No.	Sheet	
<b>JULY 25, 2023</b>			<b>C-201</b>

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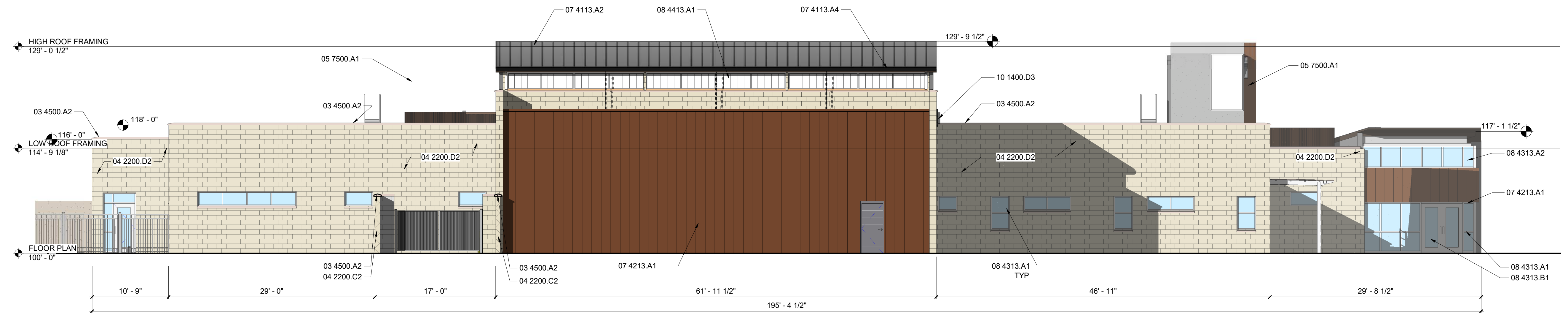




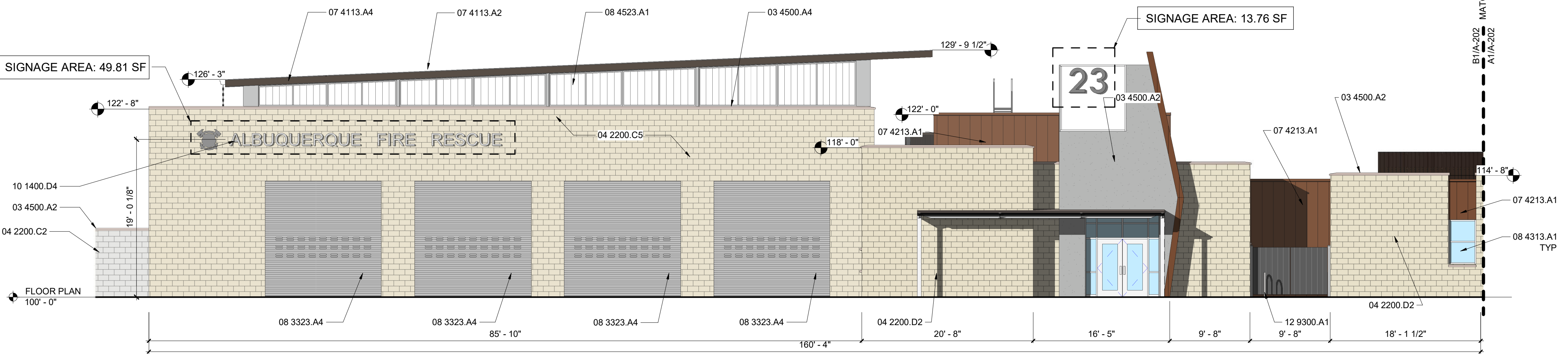


PROJECT NO.: 7858.91

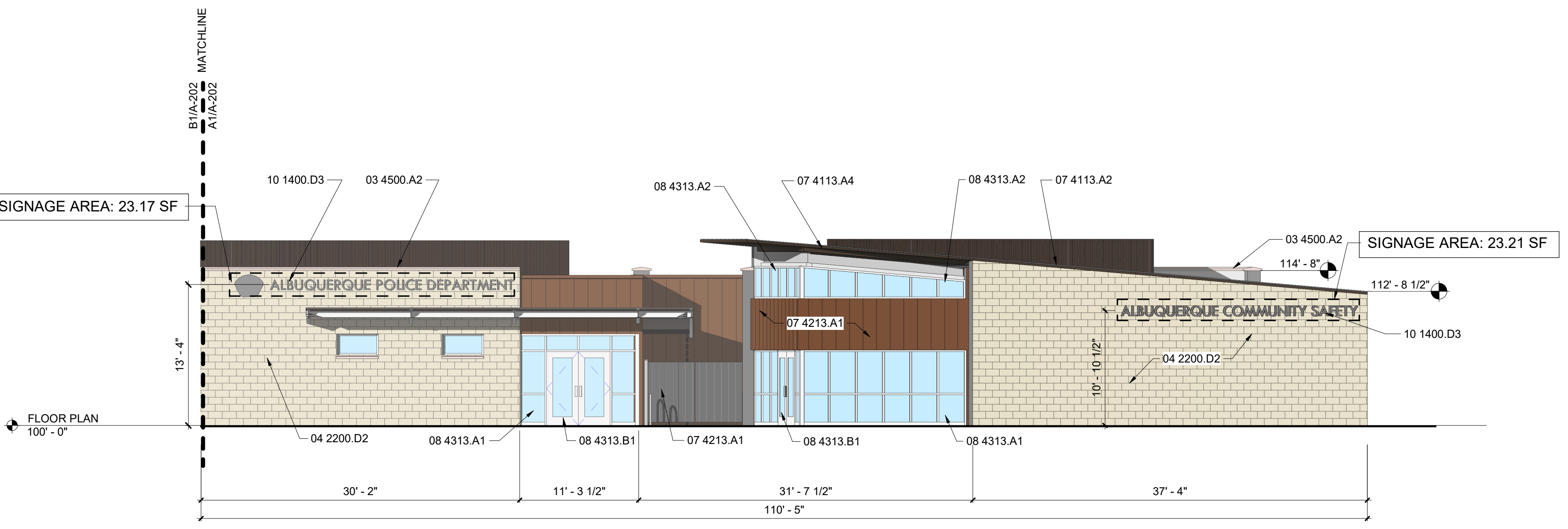
City of Albuquerque Electronic Stamp



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



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



**A1 SOUTHEAST ELEVATION Copy 1**  
Scale: 1/8" = 1'-0"

**GENERAL SHEET NOTES**

- ALL EXTERIOR HOLLOW METAL DOOR AND WINDOW FRAMES, DOORS, AND EXPOSED STEEL BEAMS AND COLUMNS AND DOOR STOPS SHALL BE PAINTED. SEE SHEET I-101 FOR COLOR SCHEDULE.
- REFER COLOR & MATERIAL SCHEDULE FOR STUCCO AND CMU COLORS.
- REFER CIVIL SHEETS FOR LOCATIONS OF DOWNSPOUTS THAT WILL BE CONNECTED TO STORM DRAIN SYSTEM.

**REFERENCE KEYNOTES**

03 4500.A2	PRECAST ARCHITECTURAL CONCRETE COPING
03 4500.A4	PRECAST ARCHITECTURAL CONCRETE SILL
04 2200.C2	8" BURNISHED FACE CMU
04 2200.C5	12" BURNISHED FACE CMU
04 2200.D2	4" CMU VENEER - BURNISHED FACE
05 7500.A1	PERFORATED METAL PANELS - RIBBED
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 4213.A1	SOLID METAL PANELS - WIDE RIB
08 3323.A4	OVERHEAD COILING DOOR - ELECTRIC MOTOR OPERATED
08 4313.A1	ALUMINUM FRAMED STOREFRONT
08 4313.A2	ALUMINUM STOREFRONT WINDOW
08 4313.B1	GLAZED ALUMINUM DOOR
08 4413.A1	GLAZED ALUMINUM CURTAIN WALL
08 4523.A1	POLYCARBONATE TRANSLUCENT PANEL ASSEMBLY
10 1400.D3	BUILDING IDENTIFICATION LETTERS - 12" HIGH
10 1400.D4	BUILDING IDENTIFICATION LETTERS - 24" HIGH
12 9300.A1	BIKE RACK

**COLOR AND MATERIAL SCHEDULE - EPC**

CODE	MATERIAL	STYLE	COLOR
<b>EXTERIOR FINISHES</b>			
CMU-1	BURNISHED - CMU	BURNISHED BLOCK	BLANCO (WHITE)
CMU-2	BURNISHED - CMU	BURNISHED BLOCK	BRAZOS (DARK BROWN)
STO-1	STUCCO 01	SAND STUCCO FINISH	ALMOND LATTE - DE6143 (LIGHT BROWN)
STO-2	STUCCO 02	SAND STUCCO FINISH	WARM HEARTH - DE6110 (RED TONED BROWN)
PC-#	PRECAST CONCRETE...	MASTERCOLOR	CORKBOARD (MEDIUM TAN)
SSR-1	STANDING SEAM METAL ROOF	RAWHIDE	BURNISHED SLATE (CHARCOAL GREY)
STEEL-1	SUNSHADE STRUCTURAL STEEL	MATTE	CASHMERE - DEC758 (LIGHT TAN)
AL-1	ALUMINUM FRAMED OPENINGS	EXTERIOR: TRIFAB VG451T...	CLEAR ANODIZED ALUMINUM (SILVER)
OH1	HIGH SPEED OVERHEAD DOOR	MODEL # EPI 300	RAL 7012 - BASALT GREY (DARK GREY)
OH2	OVERHEAD SECTIONAL DOOR	MODEL # 904U	CLEAR ANODIZED ALUMINUM (SILVER)
HM-D	HOLLOW METAL DOORS AND FRAMES	MATTE	GRAY WOLF - DE6354 (FLAT GREY)

**VIGIL & ASSOCIATES**  
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www.va-architects.com

**CITY OF ALBUQUERQUE**  
CAPITAL IMPLEMENTATION PROGRAM  
**SOUTHWEST PUBLIC SAFETY CENTER**

Drawing Title: **EXTERIOR ELEVATIONS - EPC**

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
Issue Date:	City Project No.	Sheet	

**JANUARY 2024**      **7858.91**      **A - 202**

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		SEAL	
CONTRACTOR	DATE	NO.	DATE	NO.	DATE	NO.	DATE
WORK STACKED BY	DATE						
ACCEPTANCE BY	DATE						
FIELD VERIFICATION BY	DATE						
REVISIONS BY	DATE						
CORRECTED BY	DATE						
NO.	DATE						

**RAYMOND R. VIGIL**  
No. 004027  
REGISTERED ARCHITECT  
01/17/24

100% CONSTRUCTION DOCUMENTS  
DESIGN  
By: \_\_\_\_\_  
Checked By: \_\_\_\_\_