

**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

| TABLE OF APPLICABLE STANDARDS FOR DEVELOPMENT ON NU-SU ZONED PROPERTY |  |
|---|--|
| 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 WALL HEIGHT - ALONG NORTH EDGE                                |
| 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:**

*Ernest Armijo* 02/08/24  
Traffic Engineering, Transportation Division

*ABCWUA* 02/14/24  
*Walter Barber*  
Parks and Recreation Department

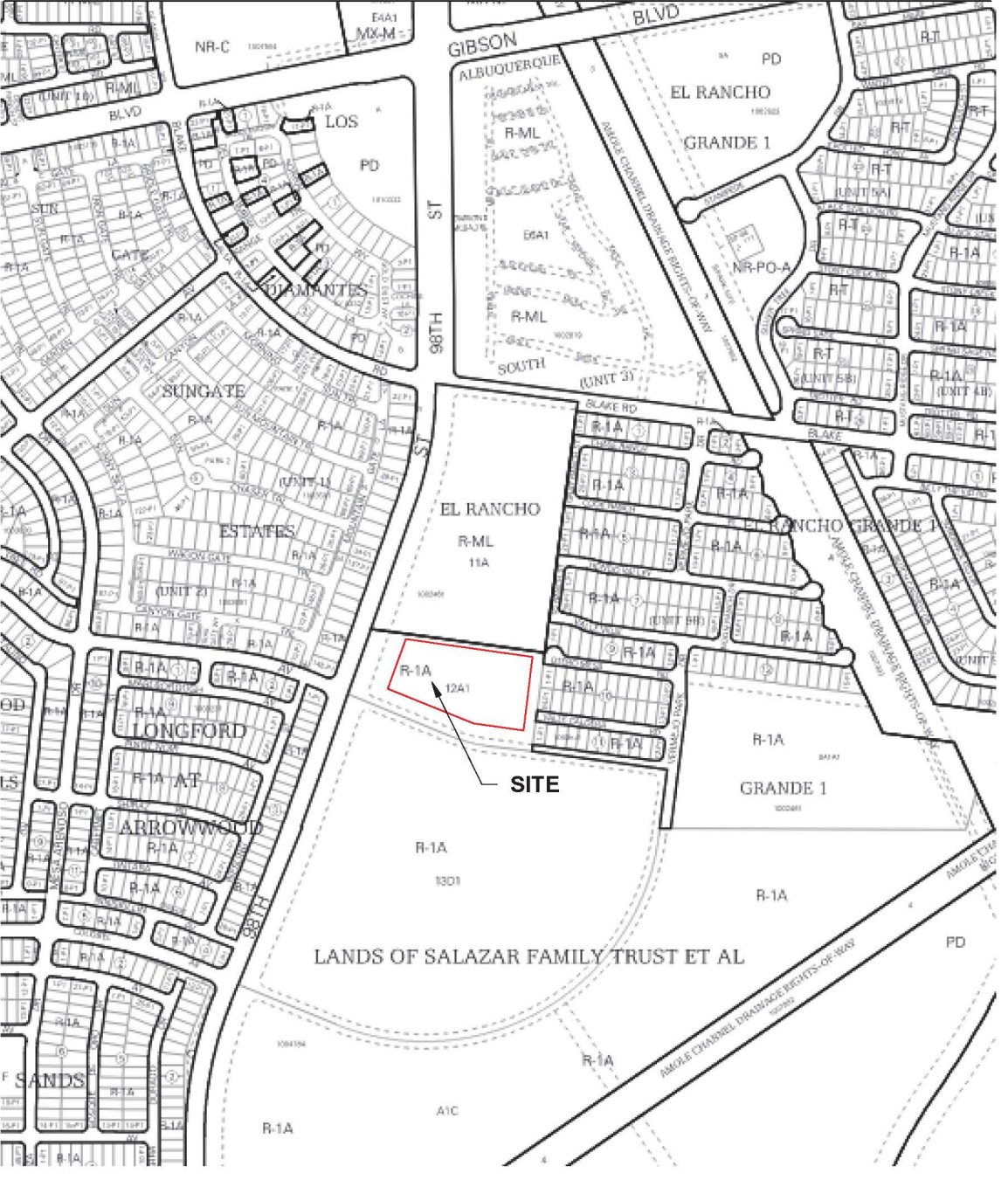
*Hegeun Cha* 02/08/24  
Hydrology

*JH Plan* 02/08/24  
Code Enforcement

\*Environmental Health Department (conditional)  
*Herman Gallegos* 01-31-24  
Solid Waste Management

*Planning Department* 14/02/2024

**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 CS/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   |

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

| BENCH MARKS            |      |
|------------------------|------|
| CONTRACTOR             | DATE |
| WORK STACKED BY        | DATE |
| FIELD ACCEPTANCE BY    | DATE |
| FIELD VERIFICATION BY  | DATE |
| MICRO-FILM INFORMATION | DATE |
| RECORDED BY            | NO.  |

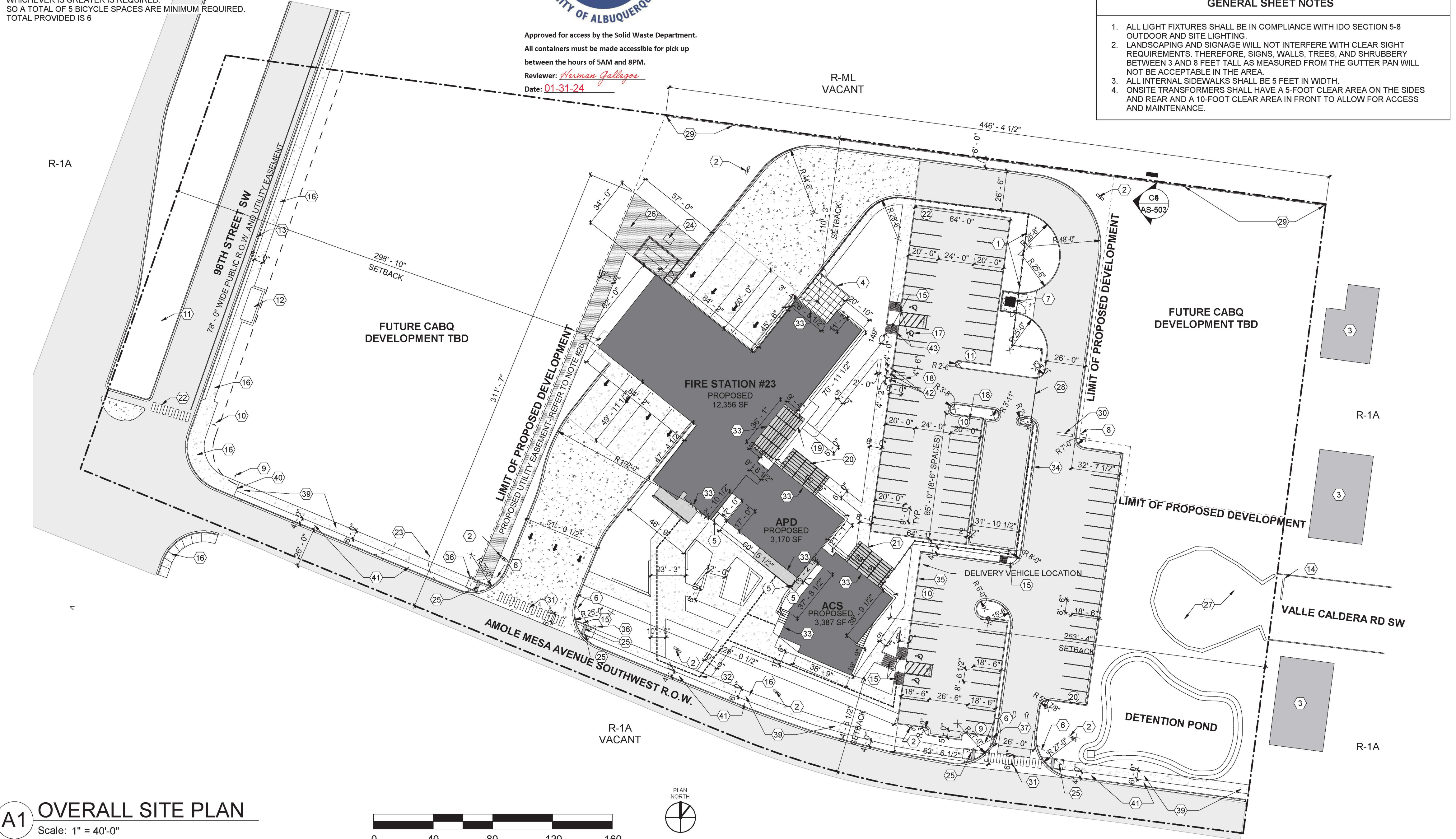
| SURVEY INFORMATION |      |
|--------------------|------|
| FIELD NOTES        | DATE |
| NO.                | BY   |

| SEAL   |      |
|--|------|
| NO.  | DATE |
| REMARKS                                      | BY   |
| 100% CONSTRUCTION DOCUMENTS FOR CONSTRUCTION |      |
| Designed By:                                 | DATE |
| Drawn By:                                    | DATE |
| Checked By:                                  | DATE |



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: 01-31-24



**LEGEND**

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

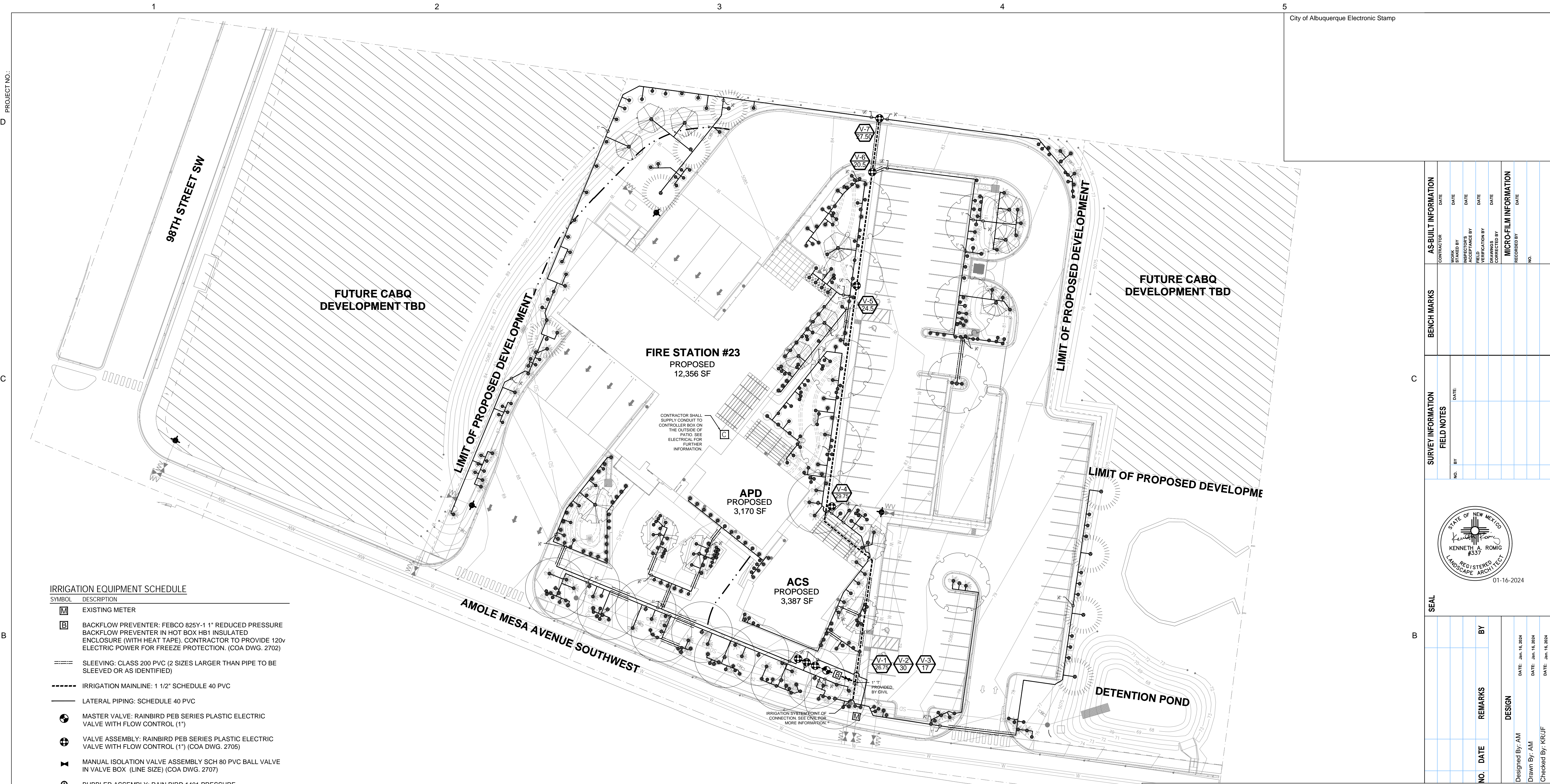


**CITY OF ALBUQUERQUE**  
CAPITAL IMPLEMENTATION PROGRAM  
**SOUTHWEST PUBLIC SAFETY CENTER**

|                         |                        |                 |
|-------------------------|------------------------|-----------------|
| Drawing Title           | <b>SITE PLAN - EPC</b> |                 |
| Design Review Committee | City Engineer Approval | Mo./Day/Yr.     |
| Issue Date:             | City Project No.       | Sheet           |
| <b>JANUARY 2024</b>     | <b>7858.91</b>         | <b>AS - 101</b> |

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





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.  |
|        | CONTROLLER: RAINBIRD: LXME2, IRRIGATION CONTROLLER IN METAL WALL MOUNT CABINET. SEE 1/L-501.  |
|        | INDICATES VALVE NUMBER  |
|        | INDICATES FLOW IN GPM   |

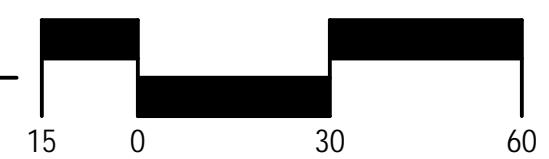
IRRIGATION SCHEDULE

| 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

- 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.
- THE IRRIGATION CONTRACTOR SHALL BECOME THOROUGHLY FAMILIAR WITH THE SPECIFICATIONS FOR THIS AND RELATED WORK PRIOR TO CONSTRUCTION.
- THE IRRIGATION CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF UNDERGROUND UTILITIES AND ELECTRICAL WIRING PRIOR TO CONSTRUCTION.
- 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.
- 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.
- 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.
- ALL IRRIGATION SHALL FOLLOW CITY OF ALBUQUERQUE SPECIFICATIONS AND STANDARD DETAILS.



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

**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

AFD FIRE STATION 23

ALBUQUERQUE, NM 87

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

STATE OF NEW MEXICO  
  
 KENNETH A. ROMIG  
 #337  
 REGISTERED LANDSCAPE ARCHITECT  
 01-16-2024

| NO. | DATE          | REMARKS          | BY |
|-----|---------------|------------------|----|
|     | Jan. 16, 2024 | DESIGN           | AM |
|     | Jan. 16, 2024 | Drawn By: AM     | AM |
|     | Jan. 16, 2024 | Checked By: KRUF | AM |

PROJECT NO.: D C B A

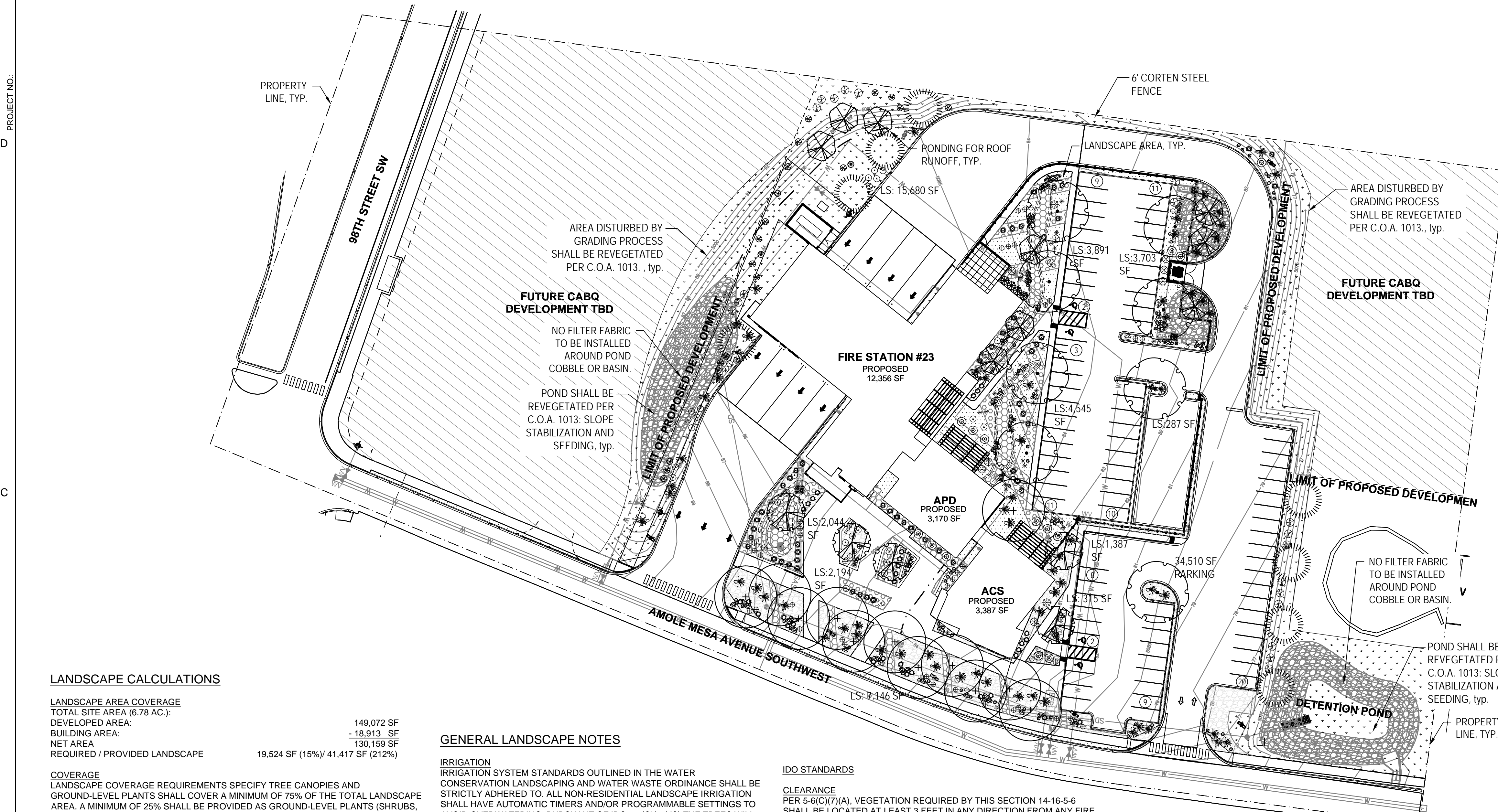
1

2

3

4

5



**LANDSCAPE CALCULATIONS**

|                                |                                    |
|--------------------------------|------------------------------------|
| <b>LANDSCAPE AREA COVERAGE</b> |                                    |
| 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%) |

|  |                                 |
|--|---------------------------------|
| <b>COVERAGE</b>  |                                 |
| 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%)            |

|  |        |
|--|--------|
| <b>PARKING LOT TREES</b>   |        |
| 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  | 82     |
| REQUIRED/PROVIDED PARKING LOT TREES:   | 8 / 14 |

|  |                               |
|--|-------------------------------|
| <b>PARKING LOT AREA</b>  |                               |
| 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- 286'  
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.

|   |   |
|---|---|
| <b>GRAVEL MULCH COVERAGE</b>  |   |
| 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-T-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**  
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.

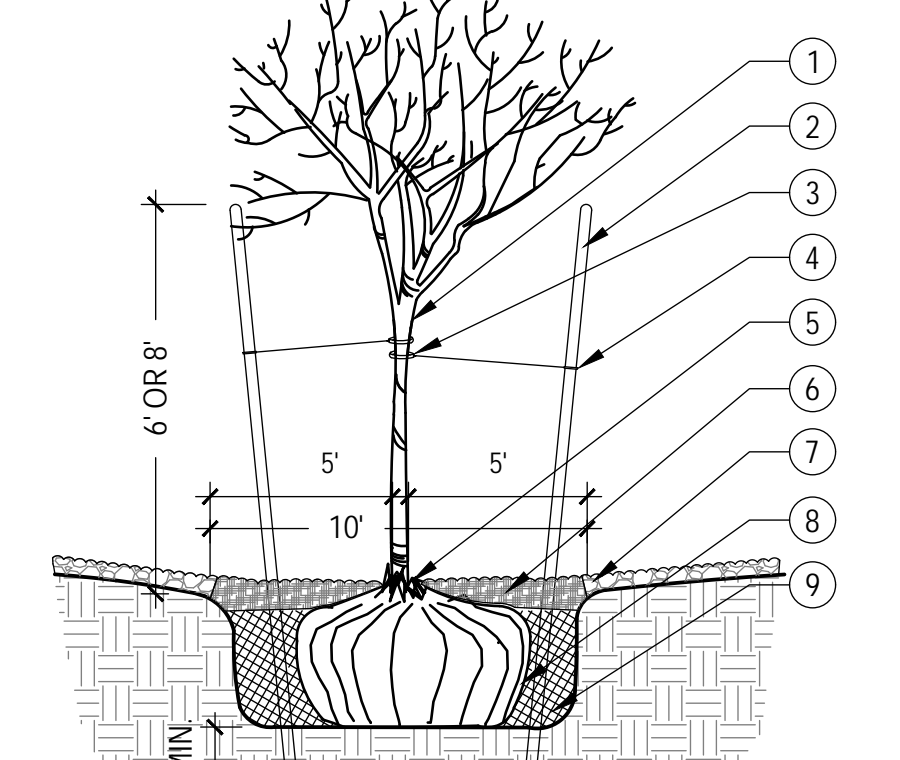
PER 5-6(C)(10)(A) TREES AND SHRUBS SHALL NOT BE PLANTED IN UTILITY EASEMENTS.

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.

- 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 - 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
- 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



**1 TREE PLANTING**  
SCALE: N.T.S.

**PLANT LEGEND**

| QTY.  | SYMBOL   | SCIENTIFIC NAME<br>COMMON NAME (WATER USE)                              | SIZE       | INSTALLED SIZE<br>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 ELIDARICA / 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) | DASYLIIRION 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) | CALAMOGROSIS A. 'KARL FOERSTER' / KARL FOERSTER FEATHER REED GRASS (M)  | 1-GAL      | 30' HT. X 3' SPR.             |
| 109   | (Symbol) | BOUTELLOUA GRACILIS 'BLONDE AMBITION' / BLONDE AMBITION BLUE GRAMA (L+) | 1-GAL      | 36' HT. X 30' SPR.            |

**MULCHES AND BOULDERS**

|           |          |  |
|-----------|----------|--|
| 44        | (Symbol) | MOSS ROCK BOULDERS (27 CF MIN)   |
| 4,323 SF  | (Symbol) | 2'-4" 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   |

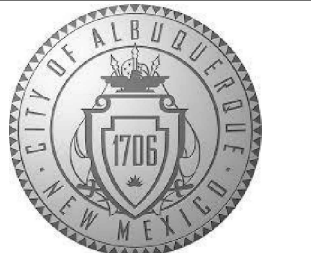
| AS-BUILT INFORMATION |      |      |      |
|----------------------|------|------|------|
| CONTRACTOR           | DATE | DATE | DATE |
| WORK BY              | DATE | DATE | DATE |
| REVISIONS            | DATE | DATE | DATE |
| FIELD                | DATE | DATE | DATE |
| REVISION             | DATE | DATE | DATE |
| BY                   | DATE | DATE | DATE |
| NO.                  | DATE | DATE | DATE |

| SURVEY INFORMATION |      |     |      |
|--------------------|------|-----|------|
| FIELD NOTES        |      |     |      |
| BY                 | DATE | NO. | DATE |
|                    |      |     |      |
|                    |      |     |      |



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

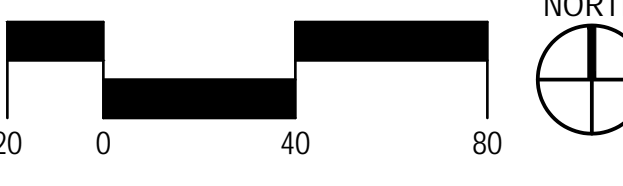


**CITY OF ALBUQUERQUE  
CAPITAL IMPLEMENTATION PROGRAM**

**SOUTHWEST PUBLIC SAFETY CENTER**

|                         |                        |                             |              |
|-------------------------|------------------------|-----------------------------|--------------|
| Drawing Title           |                        | <b>LANDSCAPE PLAN - EPC</b> |              |
| 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>         |                             | <b>L-200</b> |

**A1 PLANTING PLAN**  
SCALE: 1" = 40'-0"



PROJECT NO.:

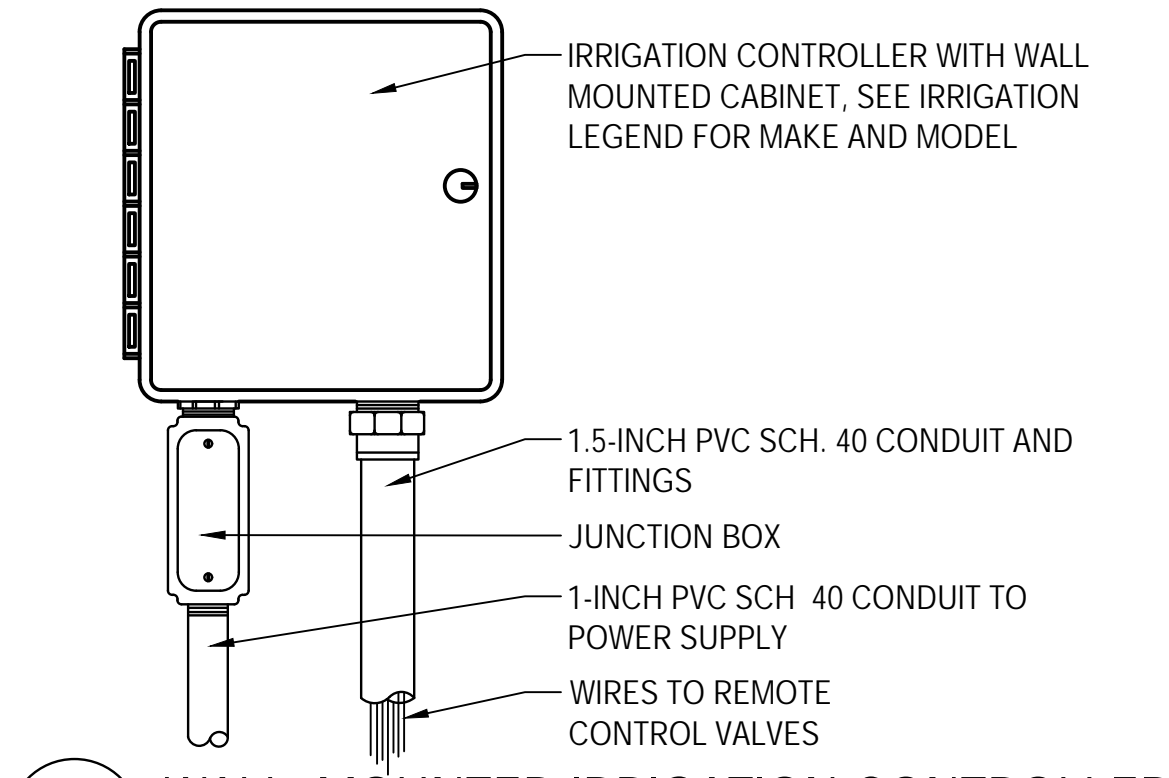
D

C

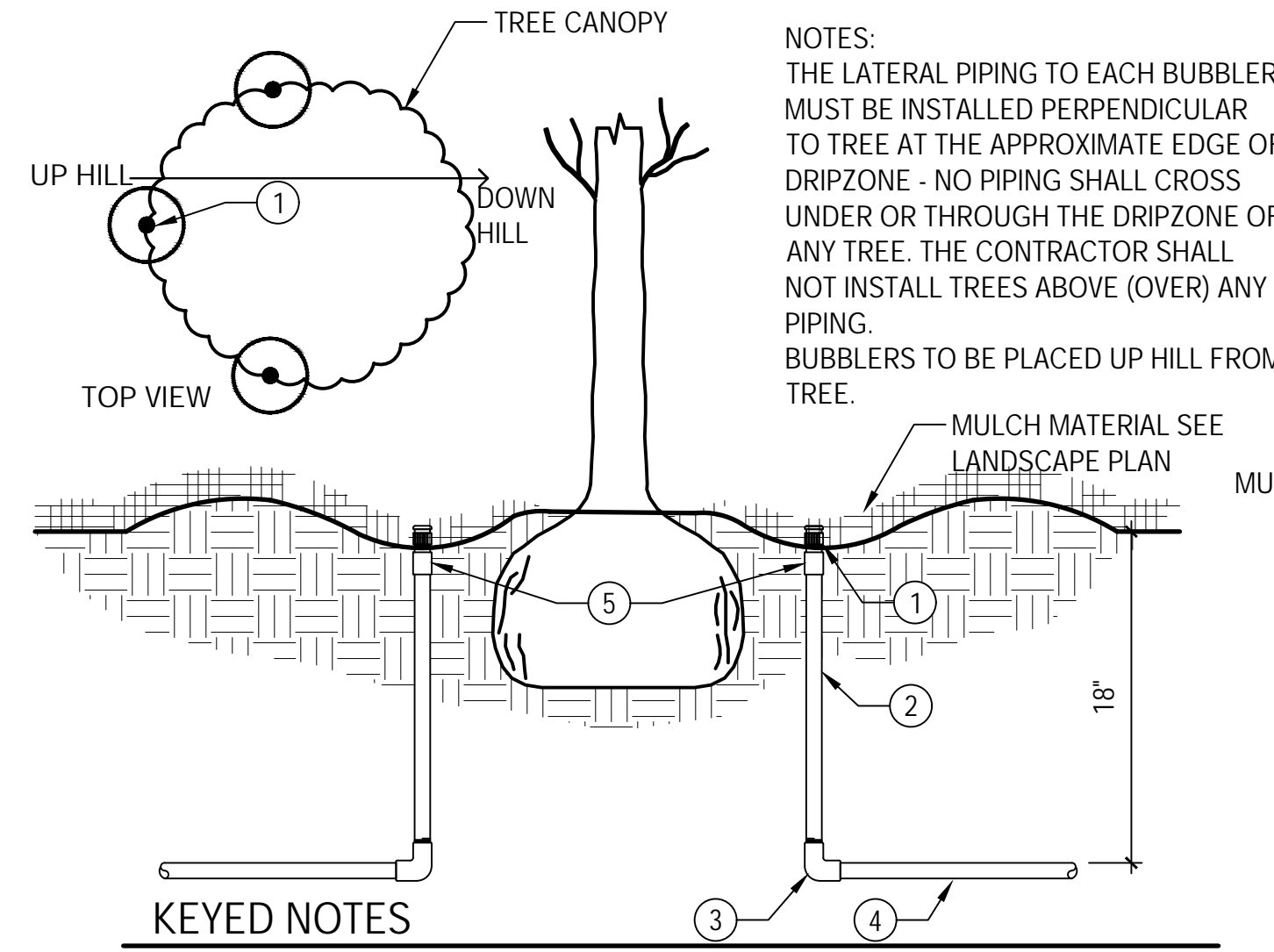
B

A

City of Albuquerque Electronic Stamp



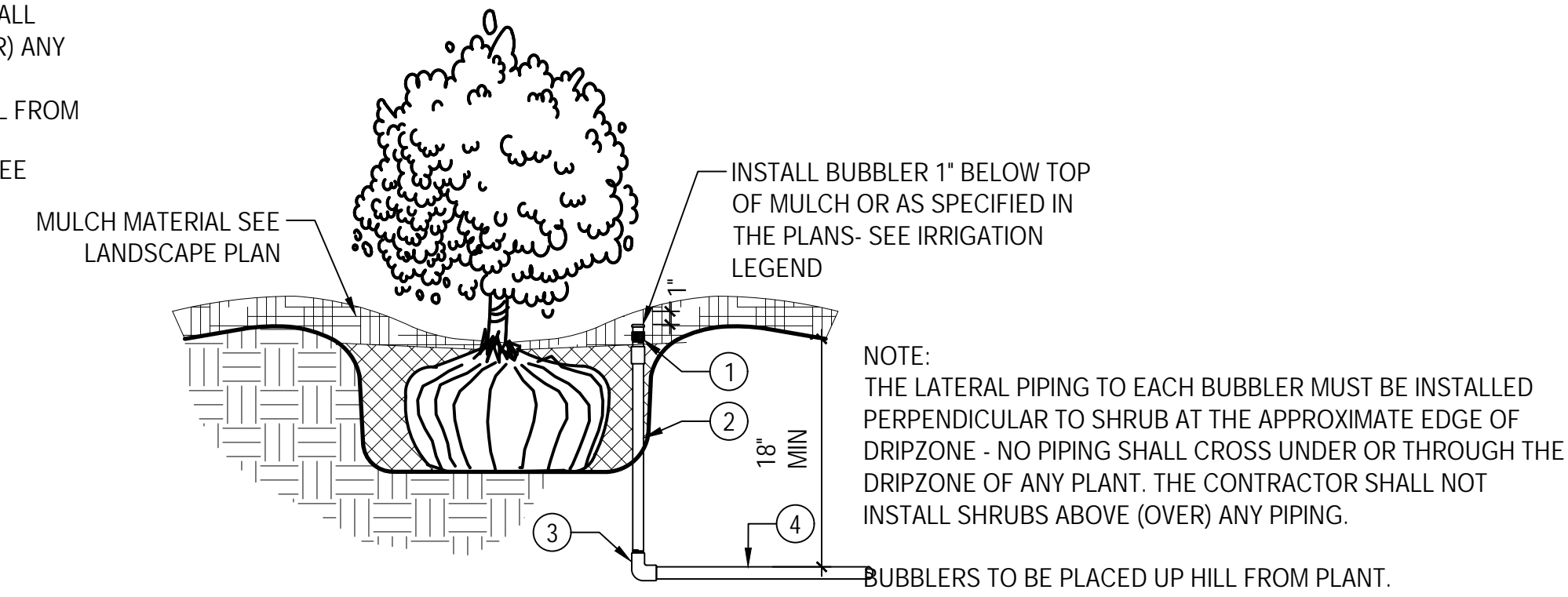
**1 WALL MOUNTED IRRIGATION CONTROLLER**  
SCALE: N.T.S.



**2 BUBBLER AT TREE**  
SCALE: N.T.S.

**KEYED NOTES**

- BUBBLER, SEE IRRIGATION LEGEND
- 1/2" X 18" SCH.80 PVC NIPPLE
- 3/4" X 1/2" SCH.40 PVC ELL
- 3/4" SCH.40 PVC LATERAL PIPE
- FOR BUBBLERS ON A SLOPE ADD A CHECK VALVE



**3 BUBBLER AT SHRUB**  
SCALE: N.T.S.

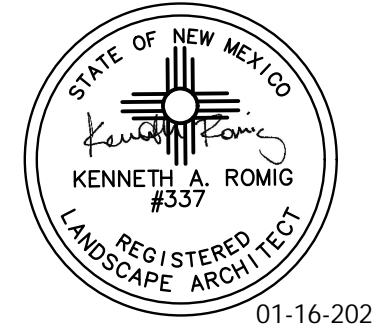
**KEYED NOTES**

- PRESSURE COMPENSATING BUBBLER -SEE IRRIGATION LEGEND
- 1/2" X 18" SCH.80 PVC NIPPLE
- 3/4" SCH.40 PVC SLIP TO THREAD ELBOW
- LATERAL PIPING

| AS-BUILT INFORMATION   |      |      |      |
|------------------------|------|------|------|
| CONTRACTOR             | DATE | DATE | DATE |
| WORK BY                | DATE | DATE | DATE |
| SUPPOINCE BY           | DATE | DATE | DATE |
| FIELD ACCEPTANCE BY    | DATE | DATE | DATE |
| DESIGNATION BY         | DATE | DATE | DATE |
| CORRECTED BY           | DATE | DATE | DATE |
| MICRO-FILM INFORMATION |      |      | NO.  |
| RECORDED BY            | DATE | DATE | NO.  |

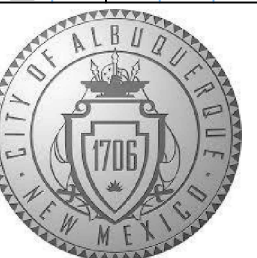
| BENCH MARKS |  |  |
|-------------|--|--|
|             |  |  |
|             |  |  |
|             |  |  |

| SURVEY INFORMATION |    |      |
|--------------------|----|------|
| FIELD NOTES        |    |      |
| NO.                | BY | DATE |
|                    |    |      |
|                    |    |      |
|                    |    |      |



| NO. | DATE | REMARKS | BY |
|-----|------|---------|----|
|     |      |         |    |
|     |      |         |    |
|     |      |         |    |

DESIGNED BY: AM DATE: JAN. 16, 2024  
DRAWN BY: AM DATE: JAN. 16, 2024  
CHECKED BY: KR/JF DATE: JAN. 16, 2024



**CITY OF ALBUQUERQUE  
CAPITAL IMPLEMENTATION PROGRAM  
AFD FIRE STATION 23**  
ALBUQUERQUE, NM 87

|                         |                        |                        |                          |             |             |
|-------------------------|------------------------|------------------------|--------------------------|-------------|-------------|
| Drawing Title           |                        |                        | <b>LANDSCAPE DETAILS</b> |             |             |
| Design Review Committee | City Engineer Approval | Mo./Day/Yr.<br>7/10/18 | Mo./Day/Yr.              | Mo./Day/Yr. | Mo./Day/Yr. |
| Issue Date:             | City Project No.       | Sheet                  |                          |             |             |
| <b>1-16-2024</b>        | <b>7858.91</b>         | <b>L-501</b>           |                          |             |             |





# 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.

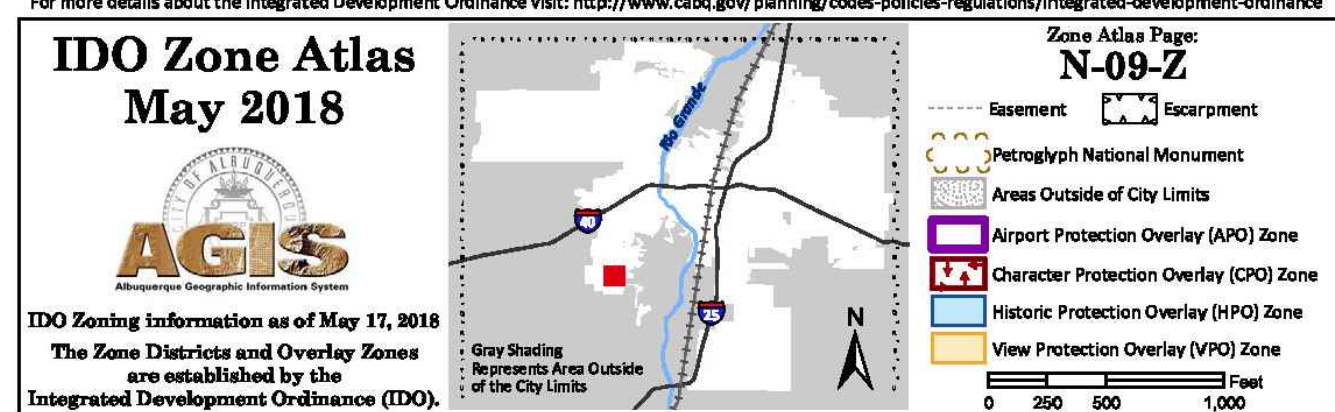
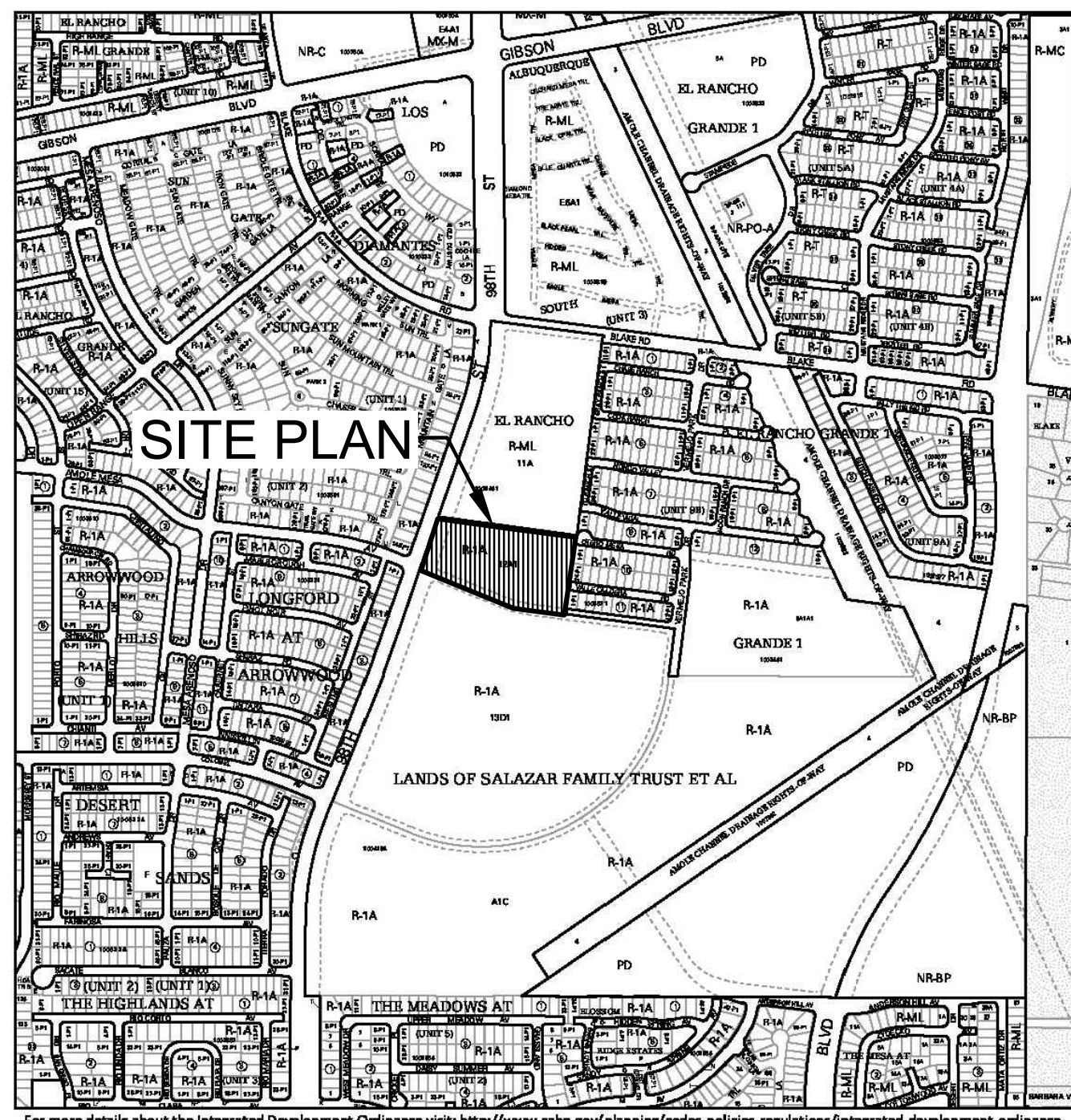
## CONCLUSIONS

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.

## 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.



C1 VICINITY MAP  
ZONE ATLAS MAP N-09-Z

## HYDROLOGY CALCULATIONS

**HYDROLOGY**

Precipitation Zone 1 - 100-year Storm P(360) = 2.20 in P(1440) : 2.66

| 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

| WHA #1            |              |             |                 |  | WHA #3            |              |             |                 |  |
|-------------------|--------------|-------------|-----------------|--|-------------------|--------------|-------------|-----------------|--|
| Pond Rating Table |              |             |                 |  | Pond Rating Table |              |             |                 |  |
| Side Slope        |              |             |                 |  | Side Slope        |              |             |                 |  |
| Elev. (ft)        | Area (sq ft) | Volume (cf) | Cum Volume (cf) |  | Elev. (ft)        | Area (sq ft) | Volume (cf) | Cum Volume (cf) |  |
| 83                | 654          | 0           | 0               |  | 81                | 1067         | 0           | 0               |  |
| 84                | 1269         | 961.500     | 961.500         |  | 82                | 1647         | 1357.000    | 1357.000        |  |
| 85                | 2026         | 1647.500    | 2609.000        |  |                   |              |             |                 |  |

| WHA #2            |              |             |                 |  | WHA #4            |              |             |                 |  |
|-------------------|--------------|-------------|-----------------|--|-------------------|--------------|-------------|-----------------|--|
| Pond Rating Table |              |             |                 |  | Pond Rating Table |              |             |                 |  |
| Side Slope        |              |             |                 |  | Side Slope        |              |             |                 |  |
| Elev. (ft)        | Area (sq ft) | Volume (cf) | Cum Volume (cf) |  | Elev. (ft)        | Area (sq ft) | Volume (cf) | Cum Volume (cf) |  |
| 83                | 232          | 0           | 0               |  | 69                | 1422         | 0           | 0               |  |
| 84                | 623          | 427.500     | 427.500         |  | 70                | 1915         | 1668.500    | 1668.500        |  |
| 85                | 1190         | 906.500     | 1334.000        |  | 71                | 2556         | 2235.500    | 3904.000        |  |
|                   |              |             |                 |  | 72                | 6096         | 4326.000    | 8230.000        |  |

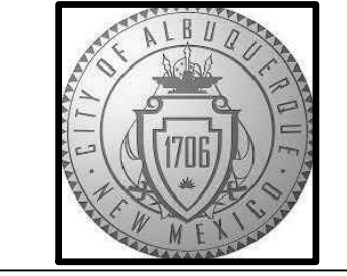
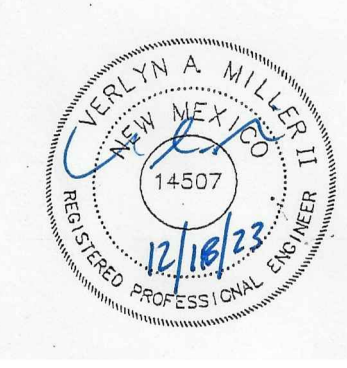
## STORM WATER QUALITY CALCULATIONS

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

A1 FLOOD ZONE MAP  
FLOOD ZONE MAP: 35001C0336H

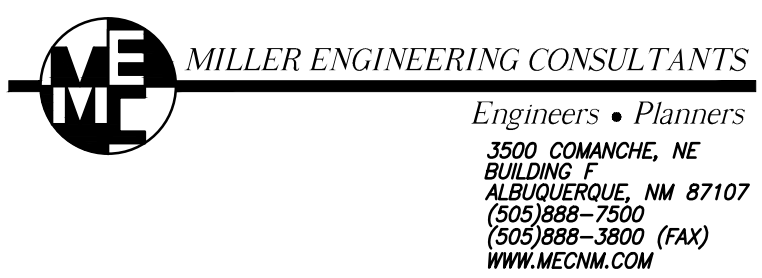


| NO. | DATE | AS-BUILT INFORMATION |      | BENCH MARKS |      | SURVEY INFORMATION |      | REMARKS | DESIGN |
|-----|------|----------------------|------|-------------|------|--------------------|------|---------|--------|
|     |      | CONTRACTOR           | DATE | WORKS BY    | DATE | NO.                | DATE |         |        |
|     |      |                      |      |             |      |                    |      |         |        |



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

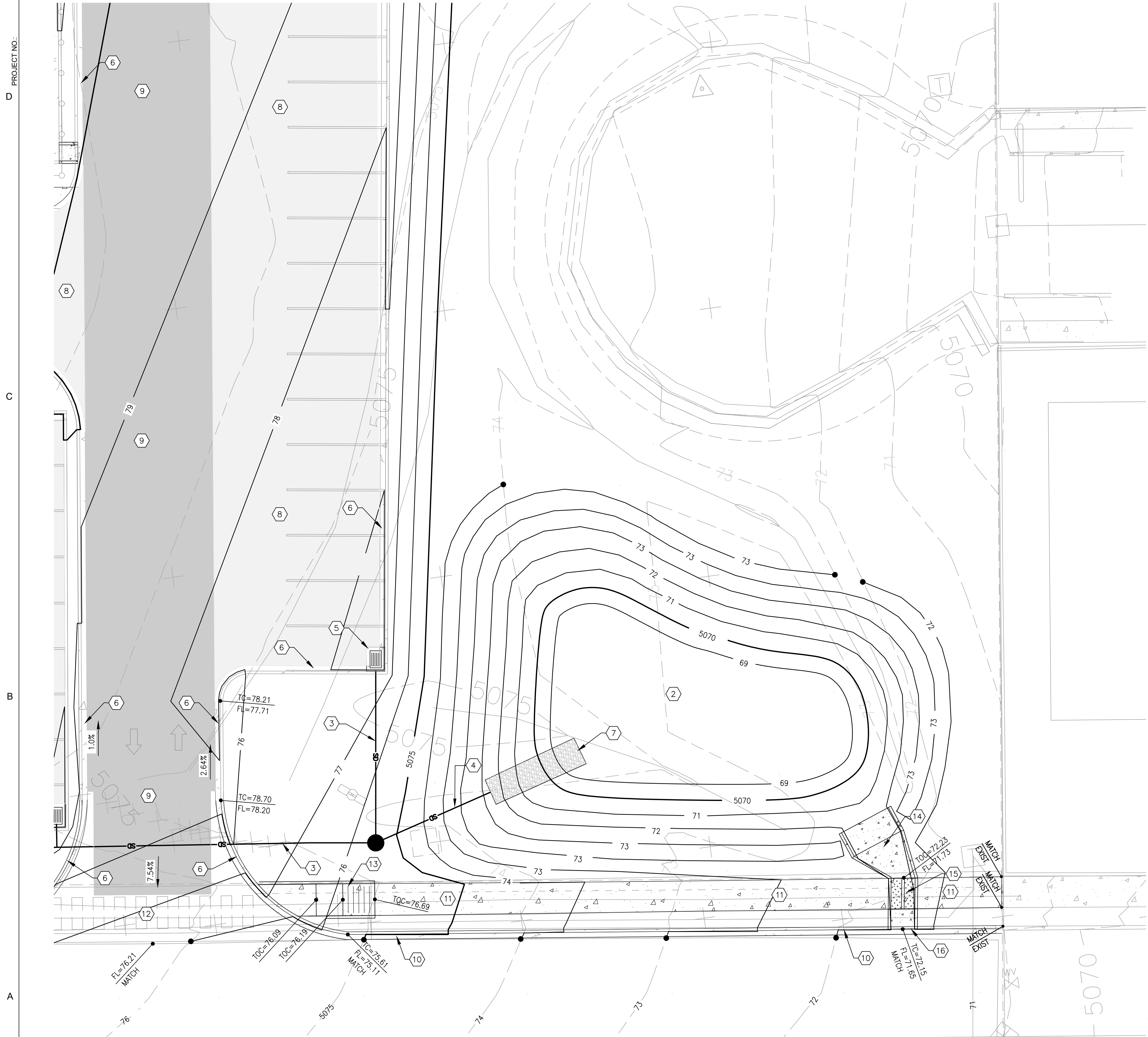
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|-------------------------|------------------------|---------------|-------------|
| Drawing Title           | HYDROLOGY PLAN         |               | file name:  |
| Design Review Committee | City Engineer Approval | Mo./Day/Yr.   | Mo./Day/Yr. |
| Issue Date:             | City Project No.       | 7/10/18       |             |
| <b>JULY 25, 2023</b>    |                        |               |             |
| Last Design Update      | Sheet                  | <b>CG-101</b> |             |











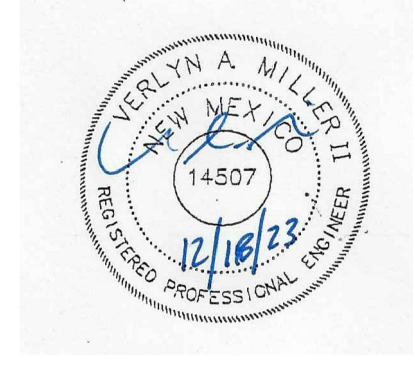
LEGEND:

- ▲ 38.00 FG PROPOSED SPOT ELEVATIONS (FINISHED GRADE)
- ▲ MATCH (95.19) MATCH EXISTING ELEVATIONS
- TOC 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
- 5895 PROPOSED MAJOR CONTOUR
- - - - - 5895 PROPOSED MINOR CONTOUR
- — — — — EXISTING MAJOR CONTOUR
- - - - - EXISTING MINOR CONTOUR
- ▶ TOP OF CUT SLOPE

KEYED NOTES:

- 1 NEW CONCRETE FLATWORK AND SIDEWALK. SEE ARCHITECTURAL DRAWINGS FOR DETAILS. CONTRACTOR SHALL FIELD VERIFY EXISTING ELEVATIONS PRIOR TO CONSTRUCTION.
- 2 NEW WATER HARVEST AREAS #4, INV. EL. = 5068.50, SEE SHEET C-502.
- 3 NEW 18" STORM DRAIN PIPE @ 1% SLOPE MINIMUM.
- 4 NEW 24" STORM DRAIN PIPE @ 1% SLOPE MINIMUM.
- 5 NEW TYPE D AREA INLET, SEE DETAIL SHEET C-504.
- 6 NEW CURB AND GUTTER, SEE DETAIL SHEET C-501.
- 7 NEW RIP RAP RUNDOWN, SEE DETAIL SHEET C-503.
- 8 NEW HMA LIGHT DUTY PAVING, SEE DETAIL SHEET C-501.
- 9 NEW HMA HEAVY DUTY PAVING, SEE DETAIL SHEET C-501.
- 10 NEW STANDARD CURB AND GUTTER PER COA STD DWG #2415A.
- 11 NEW LINEAR CONCRETE SIDEWALK PER COA STD DWG #2430.
- 12 NEW CONCRETE VALLEY GUTTER PER COA STD DWG #2420.
- 13 NEW ADA ACCESS RAMP PER COA STD DWG #2443.
- 14 NEW CONCRETE SPILLWAY, SEE DETAIL SHEET C-502. TOP OF BERM = 73.0, CREST (INV) = 72.0.
- 15 NEW 2 - 24" WIDE SIDEWALK CULVERTS PER COA STD DWG #2236
- 16 NEW 4'-8" WIDE CURB CUT AND CONCRETE CHANNEL. SEE DETAIL SHEET C-502..

| AS-BUILT INFORMATION |      | BENCH MARKS  |      | SURVEY INFORMATION                            |      | FIELD NOTES       |      |
|----------------------|------|--|------|---|------|-------------------|------|
| CONTRACTOR           | DATE | NO.  | DATE | NO.   | DATE | NO.               | DATE |
| WORK BY              | DATE | NO. <td>DATE</td> <td>NO. <td>DATE</td> <td>NO. <td>DATE</td> </td></td> | DATE | NO. <td>DATE</td> <td>NO. <td>DATE</td> </td> | DATE | NO. <td>DATE</td> | DATE |
| SUBMITTALS           | DATE | NO. <td>DATE</td> <td>NO. <td>DATE</td> <td>NO. <td>DATE</td> </td></td> | DATE | NO. <td>DATE</td> <td>NO. <td>DATE</td> </td> | DATE | NO. <td>DATE</td> | DATE |
| ACCEPTANCE BY        | DATE | NO. <td>DATE</td> <td>NO. <td>DATE</td> <td>NO. <td>DATE</td> </td></td> | DATE | NO. <td>DATE</td> <td>NO. <td>DATE</td> </td> | DATE | NO. <td>DATE</td> | DATE |
| FIELD ACTION BY      | DATE | NO. <td>DATE</td> <td>NO. <td>DATE</td> <td>NO. <td>DATE</td> </td></td> | DATE | NO. <td>DATE</td> <td>NO. <td>DATE</td> </td> | DATE | NO. <td>DATE</td> | DATE |
| DRAWINGS             | DATE | NO. <td>DATE</td> <td>NO. <td>DATE</td> <td>NO. <td>DATE</td> </td></td> | DATE | NO. <td>DATE</td> <td>NO. <td>DATE</td> </td> | DATE | NO. <td>DATE</td> | DATE |
| CONNECTED BY         | DATE | NO. <td>DATE</td> <td>NO. <td>DATE</td> <td>NO. <td>DATE</td> </td></td> | DATE | NO. <td>DATE</td> <td>NO. <td>DATE</td> </td> | DATE | NO. <td>DATE</td> | DATE |
| REGISTERED BY        | DATE | NO. <td>DATE</td> <td>NO. <td>DATE</td> <td>NO. <td>DATE</td> </td></td> | 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

Drawing Title: **ENLARGED GRADING AND DRAINAGE PLAN EAST POND**

|                         |                        |                    |             |
|-------------------------|------------------------|--------------------|-------------|
| Design Review Committee | City Engineer Approval | Mo./Day/Yr.        | Mo./Day/Yr. |
|                         |                        | 7/10/18            |             |
| Issue Date:             | City Project No.       | Last Design Update |             |
|                         |                        |                    |             |

Issue Date: **JULY 25, 2023**

Sheet: **C-102**

**A1 ENLARGED GRADING AND DRAINAGE PLAN EAST POND**  
 SCALE: 1"=10'

**ME MILLER ENGINEERING CONSULTANTS**  
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 3500 COMANCHE, NE  
 BUILDING 1  
 ALBUQUERQUE, NM 87107  
 (505)888-7500  
 (505)888-3800 (FAX)  
 WWW.MECNM.COM

TRACT 11-A  
EL RANCHO GRANDE I  
03/21/2003  
BK. 2003C, PG. 73  
DOC.# 2003045825

**LEGEND:**

- NEW WATER LINE
- EXISTING WATER LINE
- PROPOSED SANITARY SEWER LINE
- EXISTING SANITARY SEWER LINE
- NEW FIRE HYDRANT
- EXISTING FIRE HYDRANT
- NEW WATER METER
- NEW POST INDICATOR VALVE
- EXISTING SAS MANHOLE
- PROPOSED SAS MANHOLE
- EXISTING SD LINE
- PROPOSED SD LINE
- EXISTING SD MANHOLE
- PROPOSED SD MANHOLE
- PROPOSED GATE VALVE
- PROPOSED CLEANOUT
- PROPOSED BACK FLOW PREVENTER

**KEYED NOTES**

1. NEW BUILDINGS SEE ARCHITECTURAL DRAWINGS.
  2. EXISTING 8" SANITARY SEWER LINE. FIELD VERIFY SIZE PRIOR TO CONSTRUCTION.
  3. EXISTING SAS MANHOLE TO REMAIN.
  4. POINT OF CONNECTION FOR NEW 8" SAS LINE TO EXISTING SAS MAIN LINE.
  5. NEW 2" DIA. DOMESTIC WATER SERVICE LINE WITH METER.
  6. NEW 6" DIA. DEDICATED FIRE LINE.
  7. EXISTING 8" WATER MAIN LINE.
  8. NEW 6" GATE VALVE, SEE DETAIL SHEET C-503.
  9. NEW 8"x8"x6" TEE.
  10. NEW 8" SAS LINE @ 0.5% MINIMUM SLOPE SEE SHEET C-503 FOR DETAILS.
  11. NEW FIRE HYDRANT.
  12. NEW POST INDICATOR VALVE (PIV) SEE SHEET C-503 FOR DETAILS.
  13. CONNECT NEW 2" DIA. DOMESTIC WATER LINE TO NEW 8" WATER MAIN.
  14. CONNECT NEW 6" DIA. DEDICATED FIRE LINE TO NEW 8" 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. (9' MAX. WIDTH).
  16. NEW 2" WATER METER, PER COA STD DWG #2363 & #2367.
  17. POINT OF CONNECTION OF NEW 6" SAS TO NEW BUILDING, SEE PLUMBING PLANS FOR CONTINUATION.
  18. NEW 2" GATE VALVE, SEE DETAIL SHEET C-503.
  19. NEW REDUCED PRESSURE BACKFLOW PREVENTER ASSEMBLY, SEE DETAIL SHEET C-503.
  20. NEW 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 8"x8"x2" TEE.
  23. NEW 8" GATE VALVE.
  24. NEW 8" FIRE LOOP.
  25. NEW 8" CAP.
- GENERAL NOTE:
1. ALL WATER LINES SHALL HAVE A 3' MINIMUM BURY.



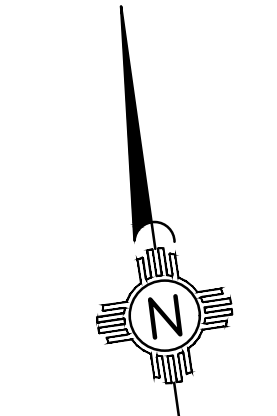
**FUTURE  
TRANSIT  
DEVELOPMENT**

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TRACT 12-A  
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6,783.31)

FF=5085.00

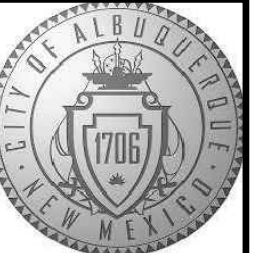
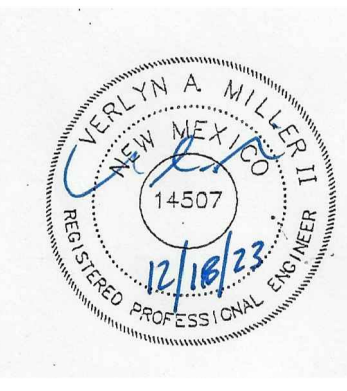
FF=5084.75



SCALE: 1"=30'  
CONTOUR INTERVAL= 1'

PROJECT NO. D  
C  
B  
A

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



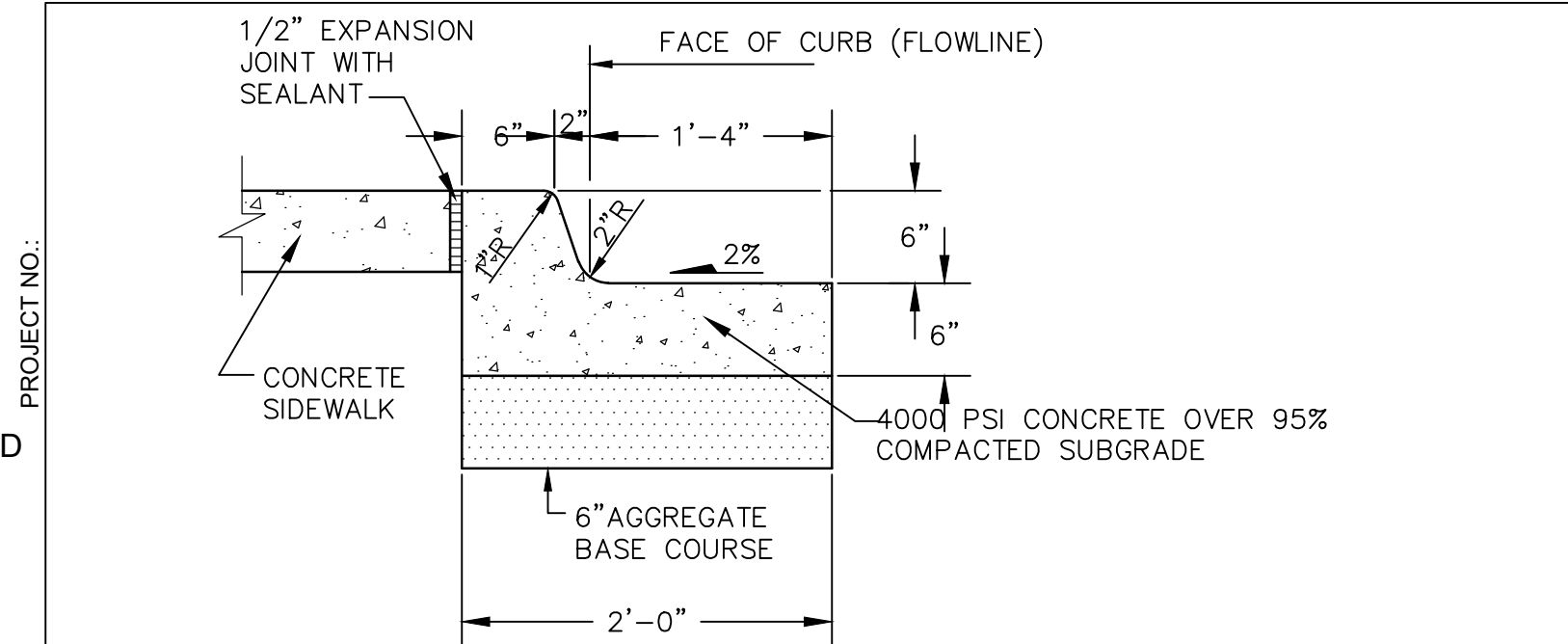
**CITY OF ALBUQUERQUE**  
CAPITAL IMPLEMENTATION PROGRAM  
**AFD FIRE STATION 23**  
9601 AMOLE MESA AVE. N.W.  
ALBUQUERQUE, NM 87121

file name:  
**UTILITY PLAN OVERALL**

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

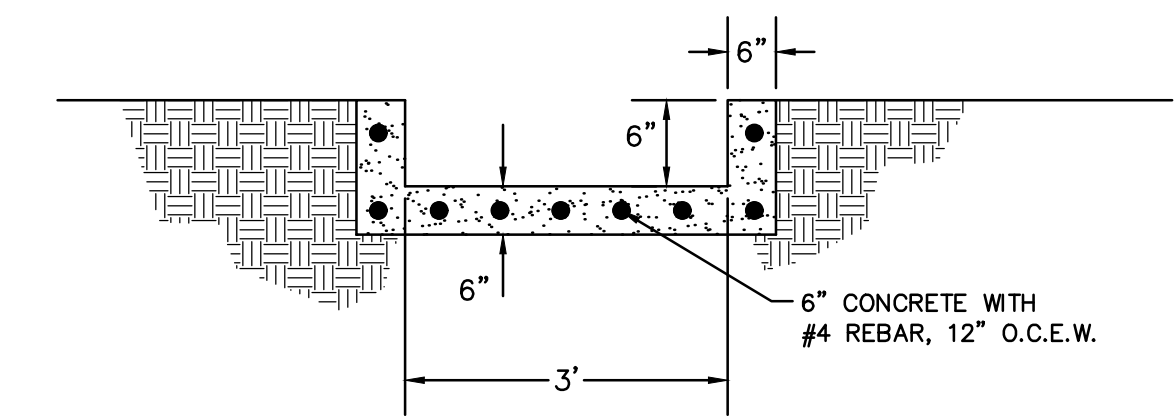
**A1 UTILITY PLAN OVERALL**  
SCALE: 1"=30'

**ME MILLER ENGINEERING CONSULTANTS**  
Engineers • Planners  
3500 COMANCHE, NE  
BUILDING  
ALBUQUERQUE, NM 87107  
(505)888-7500  
(505)888-7500 (FAX)  
WWW.MECNM.COM

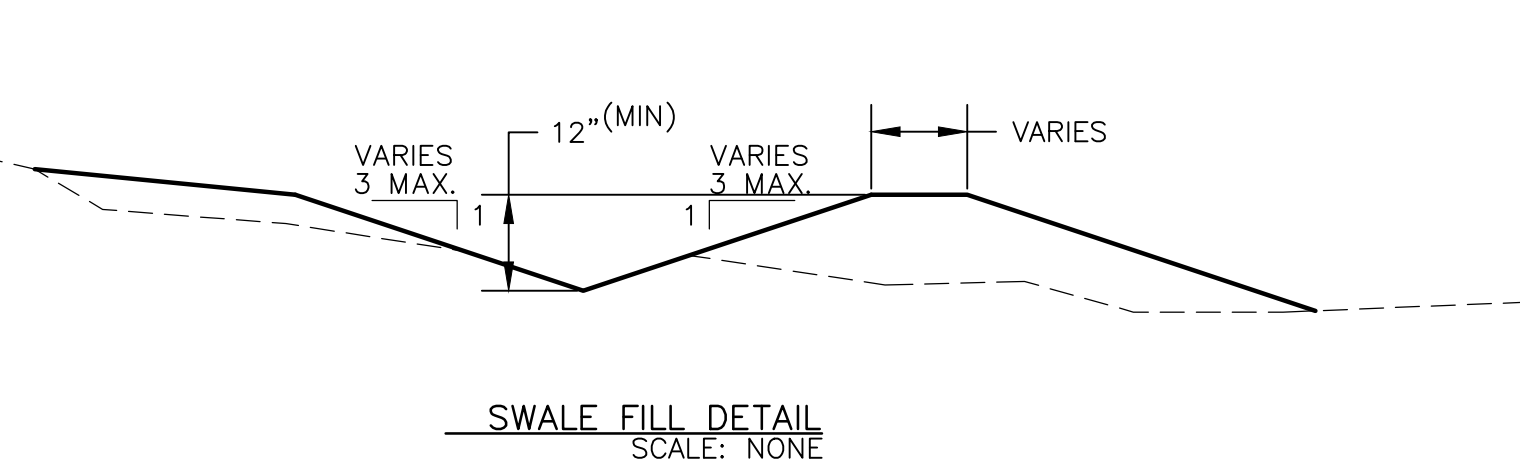
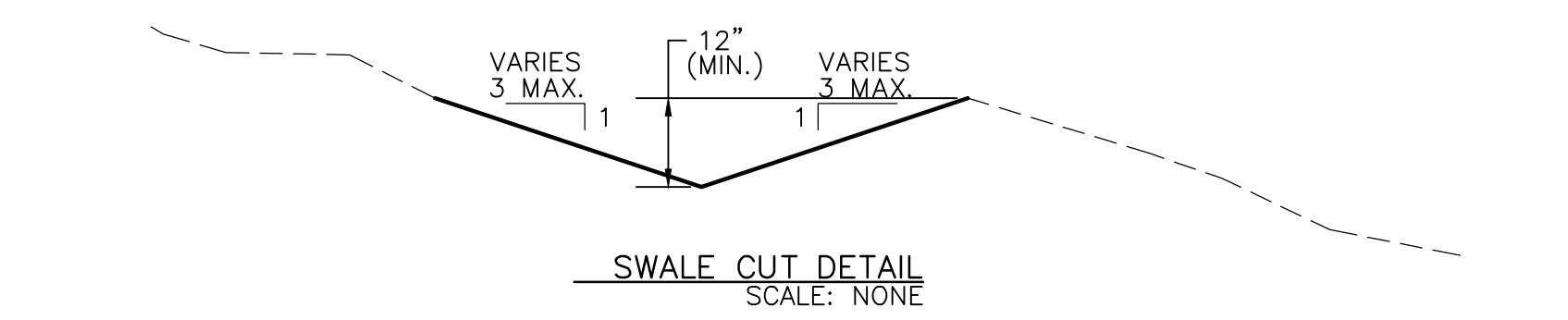


NOTES:  
 1. SEE PLAN FOR SIDEWALK JOINT PATTERN.  
 2. CONSTRUCT 1/2" EXPANSION JOINTS WITH SEALANT @40'-0" O.C. MAX.  
 3. CONSTRUCT 1 1/2" DEEP TOOLED CONTROL JOINTS @5'-0" O.C. MAX.  
 4. MATCH TOP OF EXISTING SIDEWALK AND MAINTAIN EXISTING FLOW LINE.

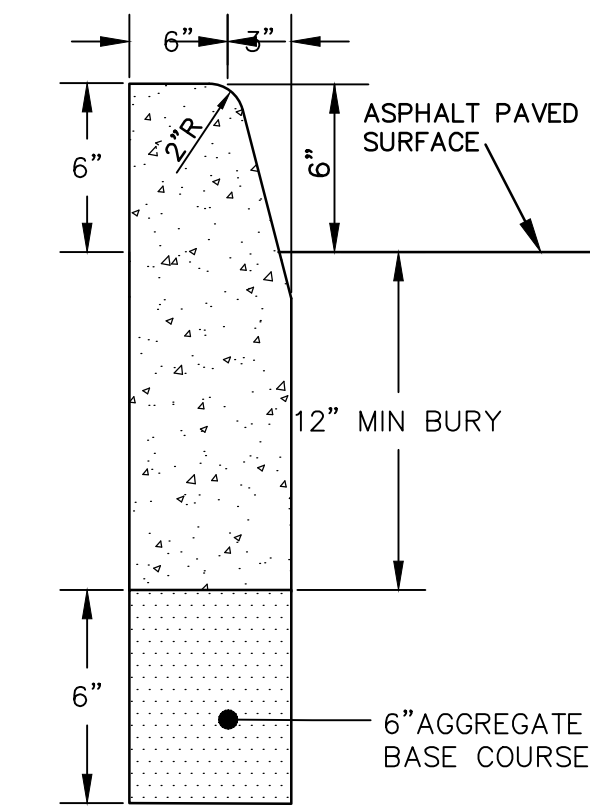
**D1 TYPICAL STANDARD CURB AND GUTTER SECTION**  
 SCALE: NOT TO SCALE



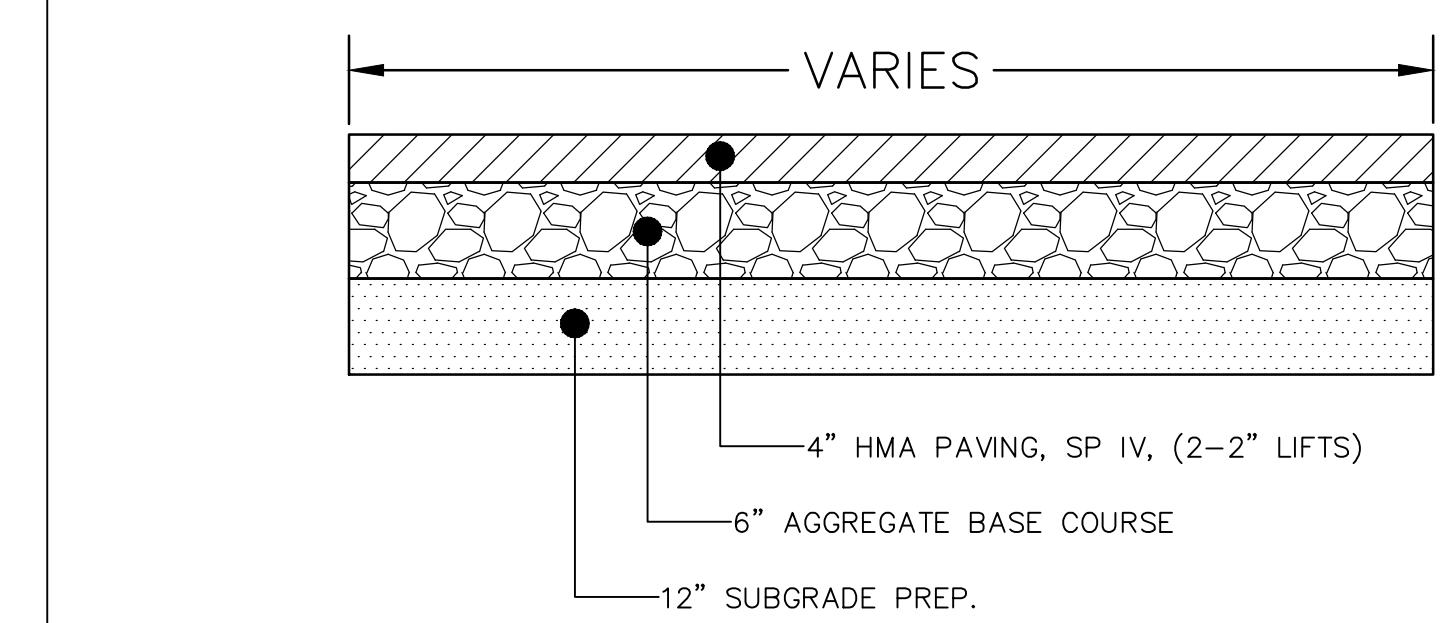
**D3 CONCRETE CHANNEL DETAIL**  
 SCALE: NOT TO SCALE



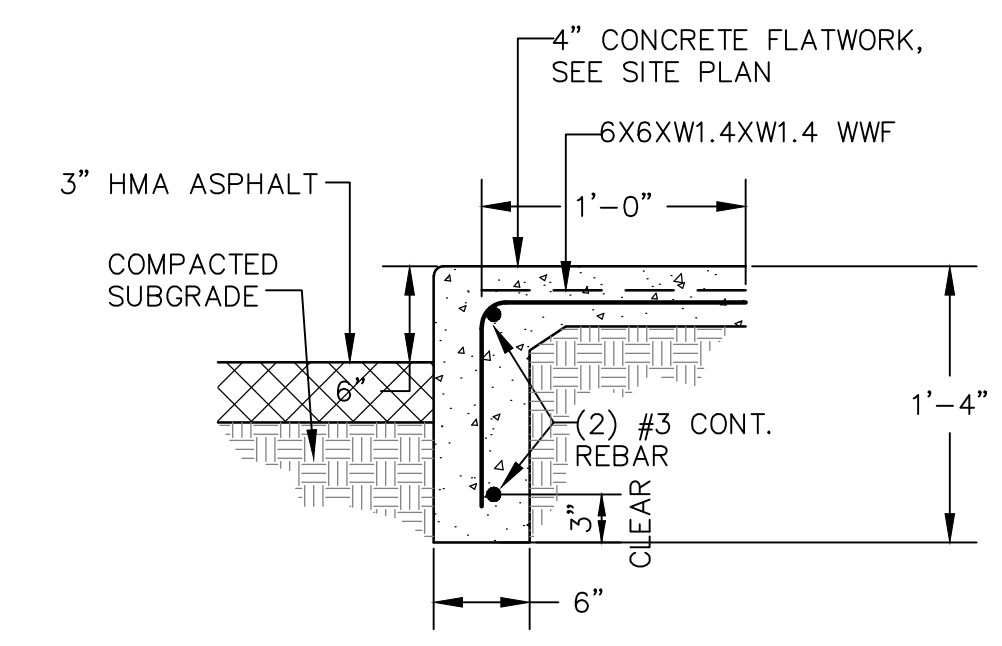
**D4 EARTHEN SWALE**  
 SCALE: NOT TO SCALE



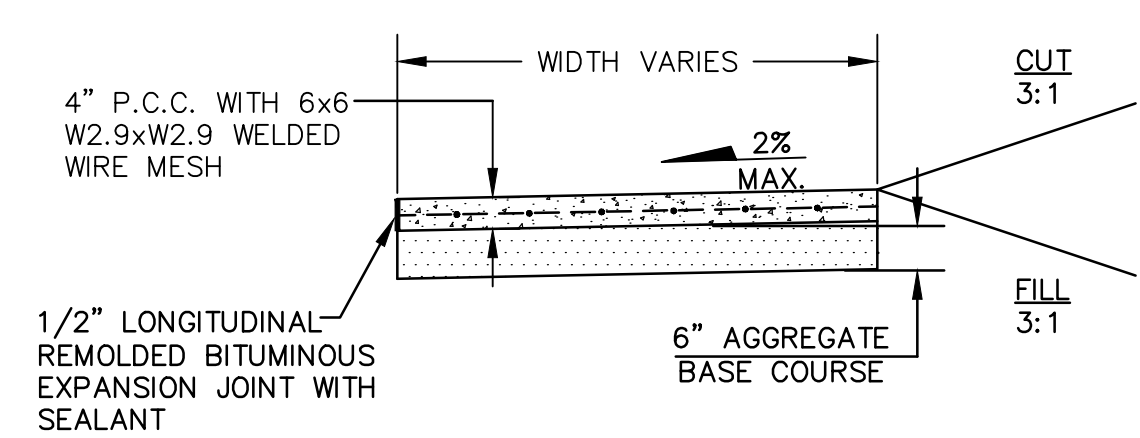
**D5 HEADER CURB DETAIL**  
 SCALE: NOT TO SCALE



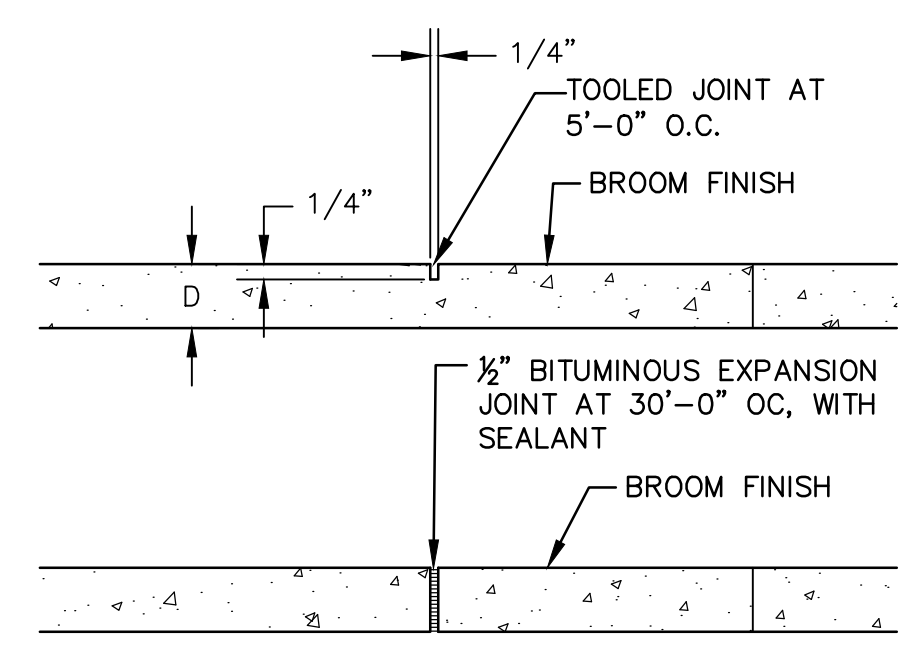
**B1 TYPICAL LIGHT DUTY ASPHALT PAVING DETAIL**  
 SCALE: NOT TO SCALE



**B2 SIDEWALK CURB EDGE DETAIL**  
 SCALE: NOT TO SCALE

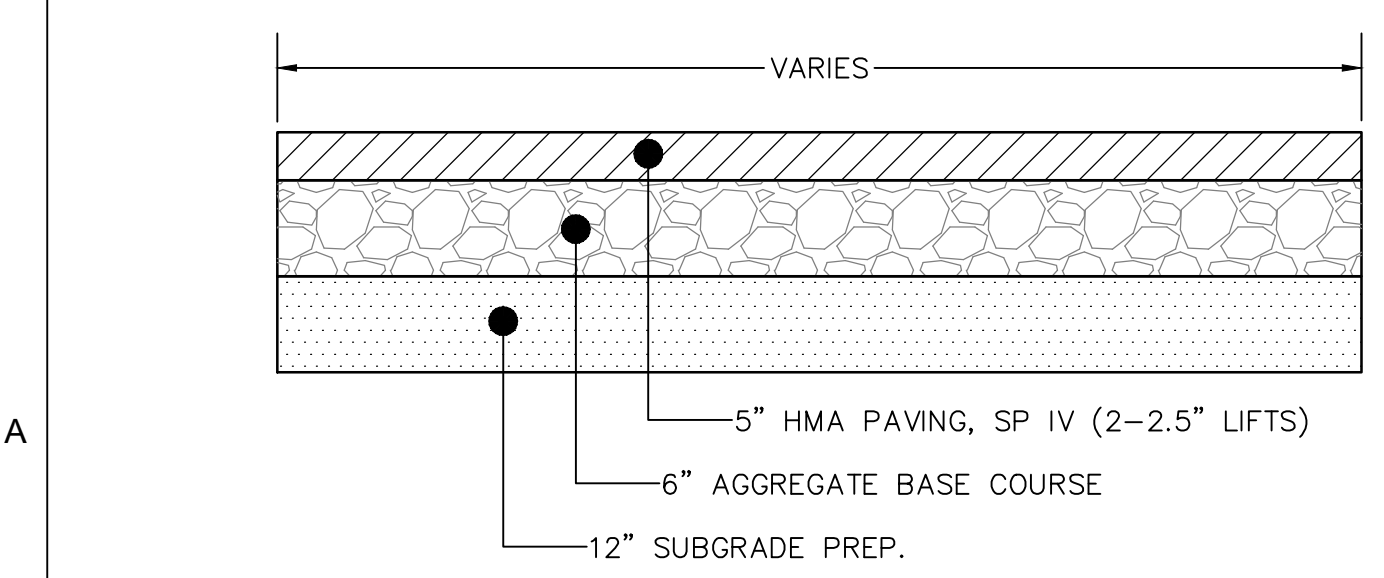


**C1 TYPICAL SIDEWALK SECTION**  
 SCALE: NOT TO SCALE

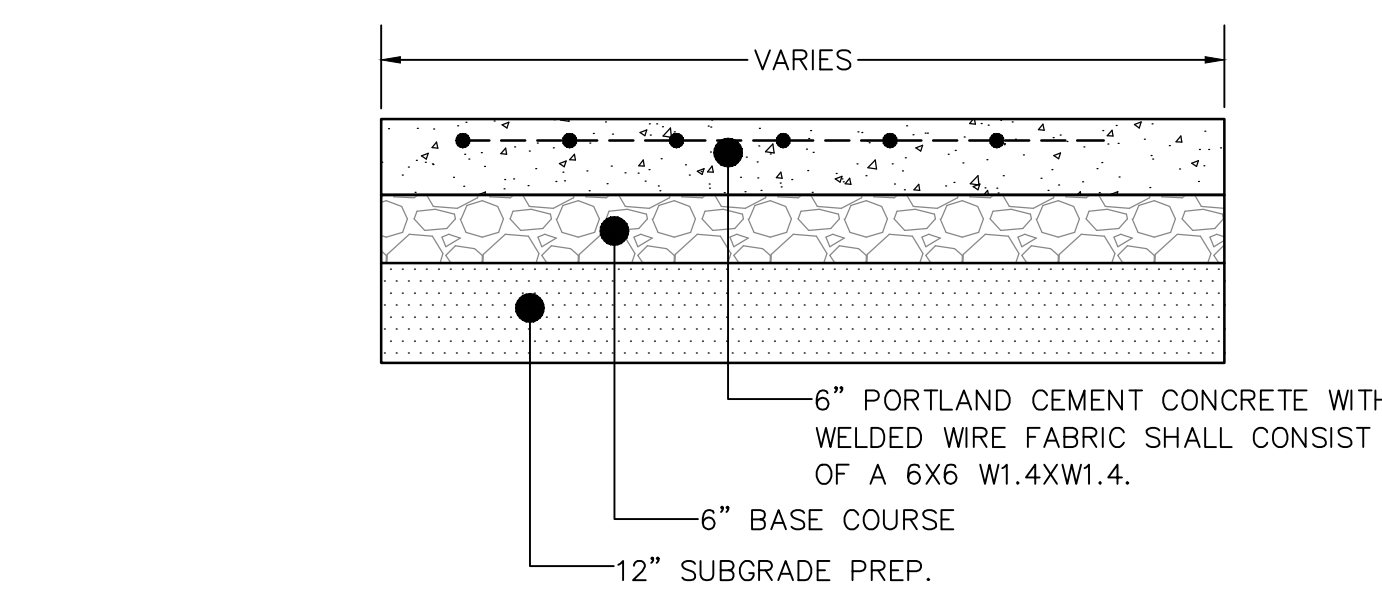


**C3 CONCRETE SIDEWALK JOINTS**  
 SCALE: NOT TO SCALE

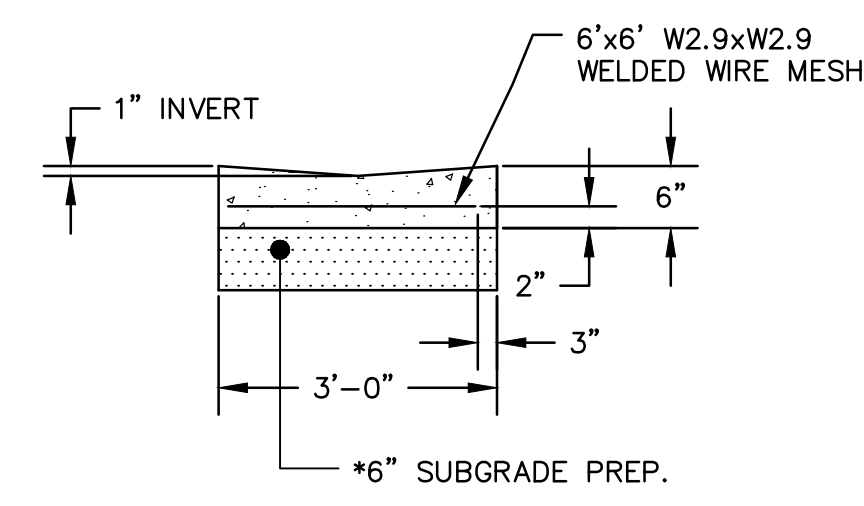
NOTE: CONCRETE JOINT PATTERNS SHALL BE SUBMITTED BY CONTRACTOR FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION.



**A1 HEAVY DUTY ASPHALT PAVING DETAIL**  
 SCALE: NOT TO SCALE



**A3 HEAVY DUTY CONCRETE PAVING SECTION**  
 SCALE: NOT TO SCALE



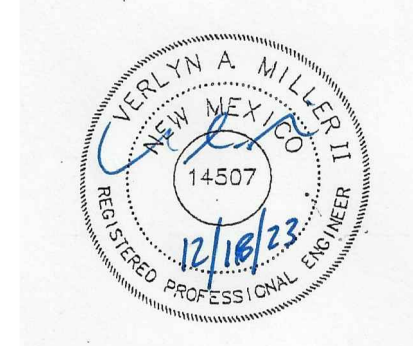
**A5 6" X 36" CONCRETE VALLEY GUTTER DETAIL**  
 SCALE: NOT TO SCALE

\* 6" SUBGRADE PREP. SHALL BE CONSIDERED INCIDENTAL TO ITEM NO. 609636, CONCRETE VALLEY GUTTER - 6"x36" AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE FOR THE WORK.

| AS-BUILT INFORMATION   |      |
|------------------------|------|
| CONTRACTOR             | DATE |
| WORK BY                | DATE |
| SUBMITTER              | DATE |
| ACCEPTANCE BY          | DATE |
| FIELD ACTION BY        | DATE |
| DESIGNED BY            | DATE |
| DRAWN BY               | DATE |
| CHECKED BY             | DATE |
| MICRO-FILM INFORMATION |      |
| RECORDED BY            | DATE |
| NO.                    |      |

| BENCH MARKS |      |
|-------------|------|
| NO.         | DATE |

| SURVEY INFORMATION |      |
|--------------------|------|
| FIELD NOTES        | DATE |
| NO.                | DATE |



| SEAL       |      |
|------------|------|
| NO.        | DATE |
| REMARKS    | BY   |
| DESIGN     | DATE |
| DRAWN BY   | DATE |
| CHECKED BY | DATE |



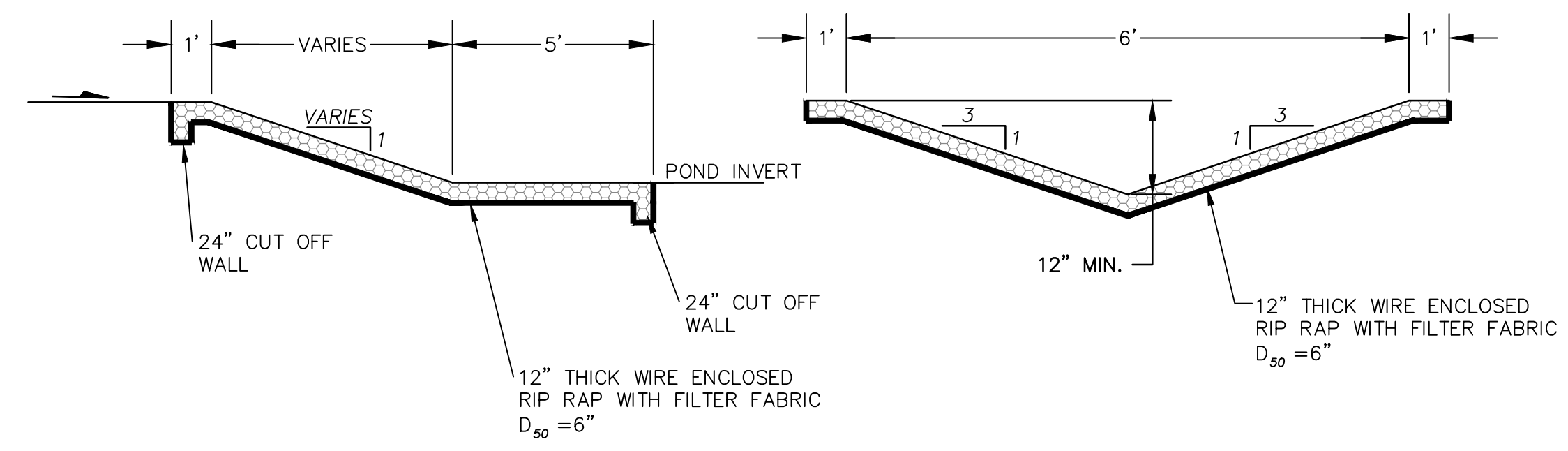
**CITY OF ALBUQUERQUE**  
**CAPITAL IMPLEMENTATION PROGRAM**  
**AFD FIRE STATION 23**  
 9601 AMOLE MESA AVE. N.W. ALBUQUERQUE, NM 87121

|                         |                        |                       |              |
|-------------------------|------------------------|-----------------------|--------------|
| 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-501</b> |

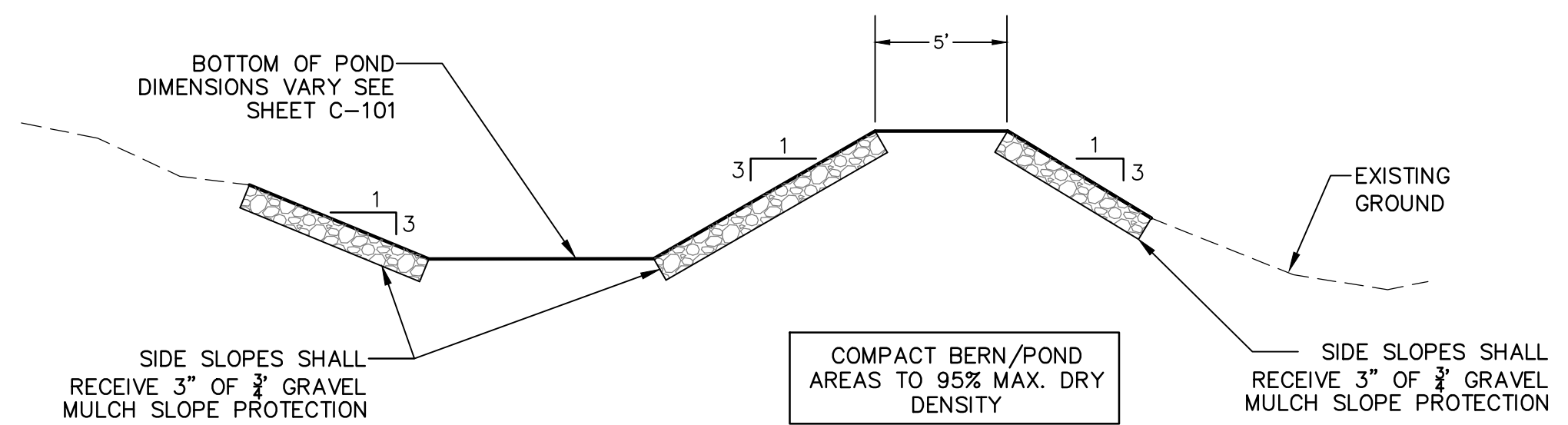
**ME MILLER ENGINEERING CONSULTANTS**  
 Engineers • Planners  
 3500 COMANCHE, NE  
 BUILDING 1  
 ALBUQUERQUE, NM 87117  
 (505)888-7500  
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 WWW.MECNM.COM

T:\Clients\VIGIL & ASSOCIATES\CABQ Fire Station #23\CAD\Sheets\501 MISC\DETAILS.dwg, D-501, 12/18/2023 3:03:34 PM

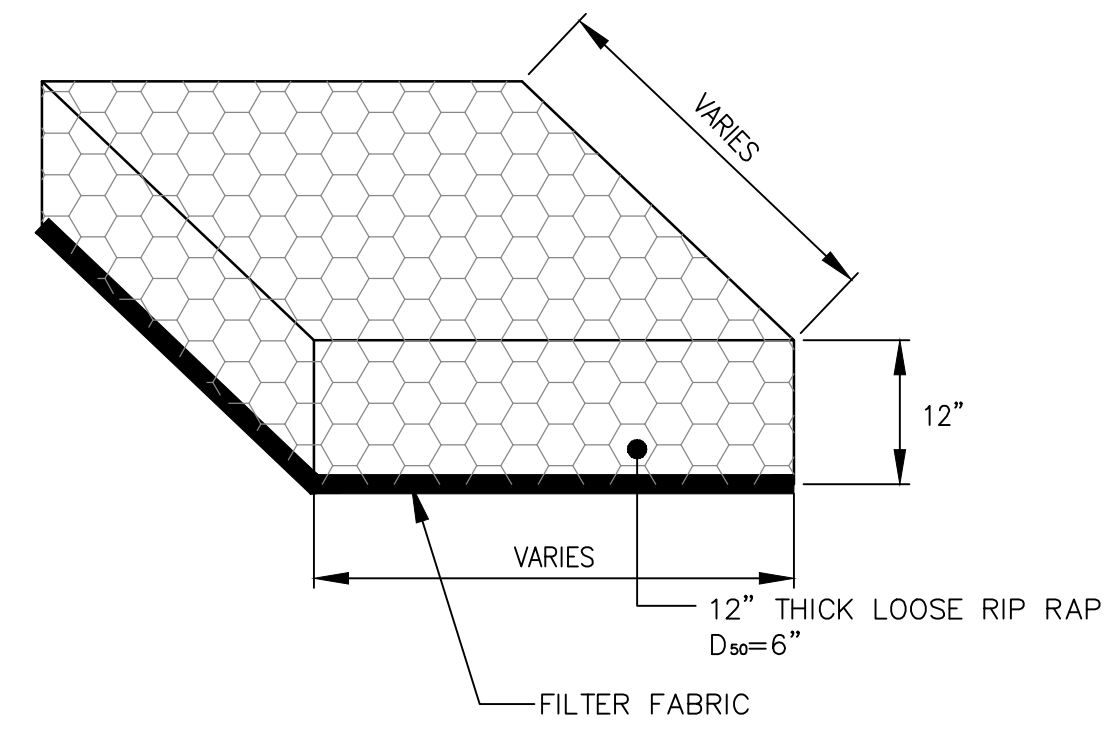
PROJECT NO.: D C B A



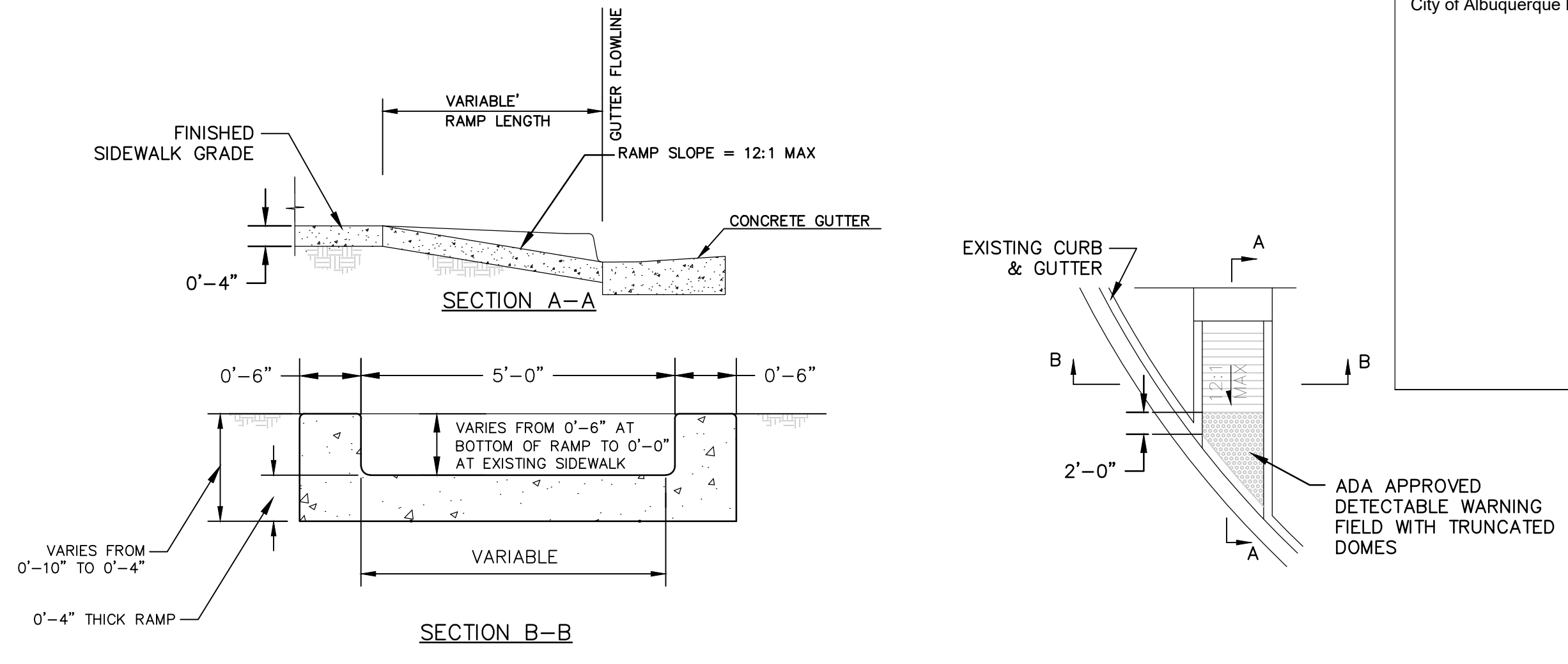
**D4 RIP RAP RUNDOWN DETAIL**  
SCALE: NOT TO SCALE



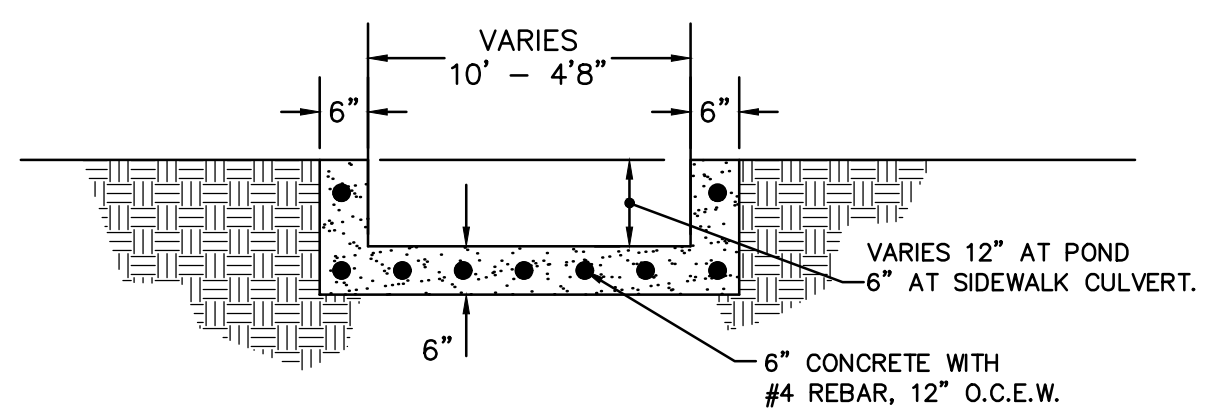
**C5 TYPICAL WATER HARVEST AREA SECTION**  
SCALE: NOT TO SCALE



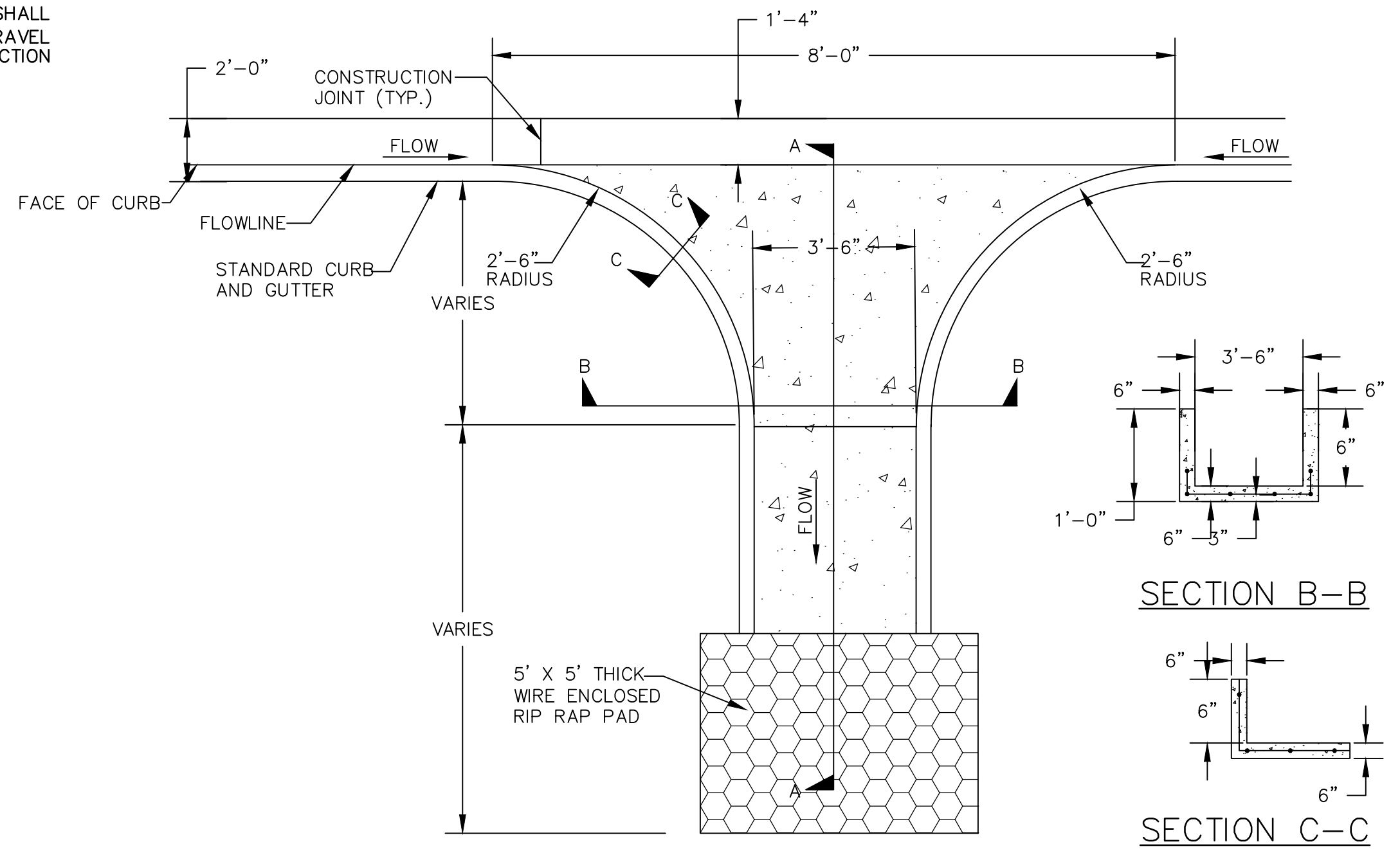
**A4 CLASS 'B' RIP RAP PAD DETAIL**  
SCALE: NOT TO SCALE  
SEE PLANS FOR SHAPE AND DIMENSIONS



**D5 HANDICAP RAMP DETAIL**  
SCALE: NOT TO SCALE



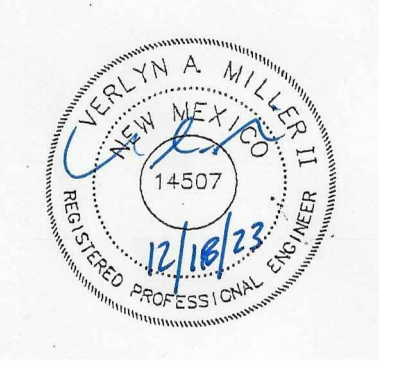
**D3 CONCRETE SPILLWAY & CHANNEL AT POND**  
SCALE: NOT TO SCALE



**A5 CONCRETE RUNDOWN DETAIL**  
SCALE: NOT TO SCALE

City of Albuquerque Electronic Stamp

| AS-BUILT INFORMATION |      | BENCH MARKS |      | SURVEY INFORMATION |      | SEAL |      |
|----------------------|------|-------------|------|--------------------|------|------|------|
| CONTRACTOR           | DATE | NO.         | DATE | NO.                | DATE | NO.  | DATE |
| WORK BY              | DATE |             |      |                    |      |      |      |
| SUBMITTER            | DATE |             |      |                    |      |      |      |
| ACCEPTANCE BY        | DATE |             |      |                    |      |      |      |
| FIELD REVISION BY    | DATE |             |      |                    |      |      |      |
| REVISIONS            | DATE |             |      |                    |      |      |      |
| CHECKED BY           | DATE |             |      |                    |      |      |      |
| RECORDED BY          | DATE |             |      |                    |      |      |      |

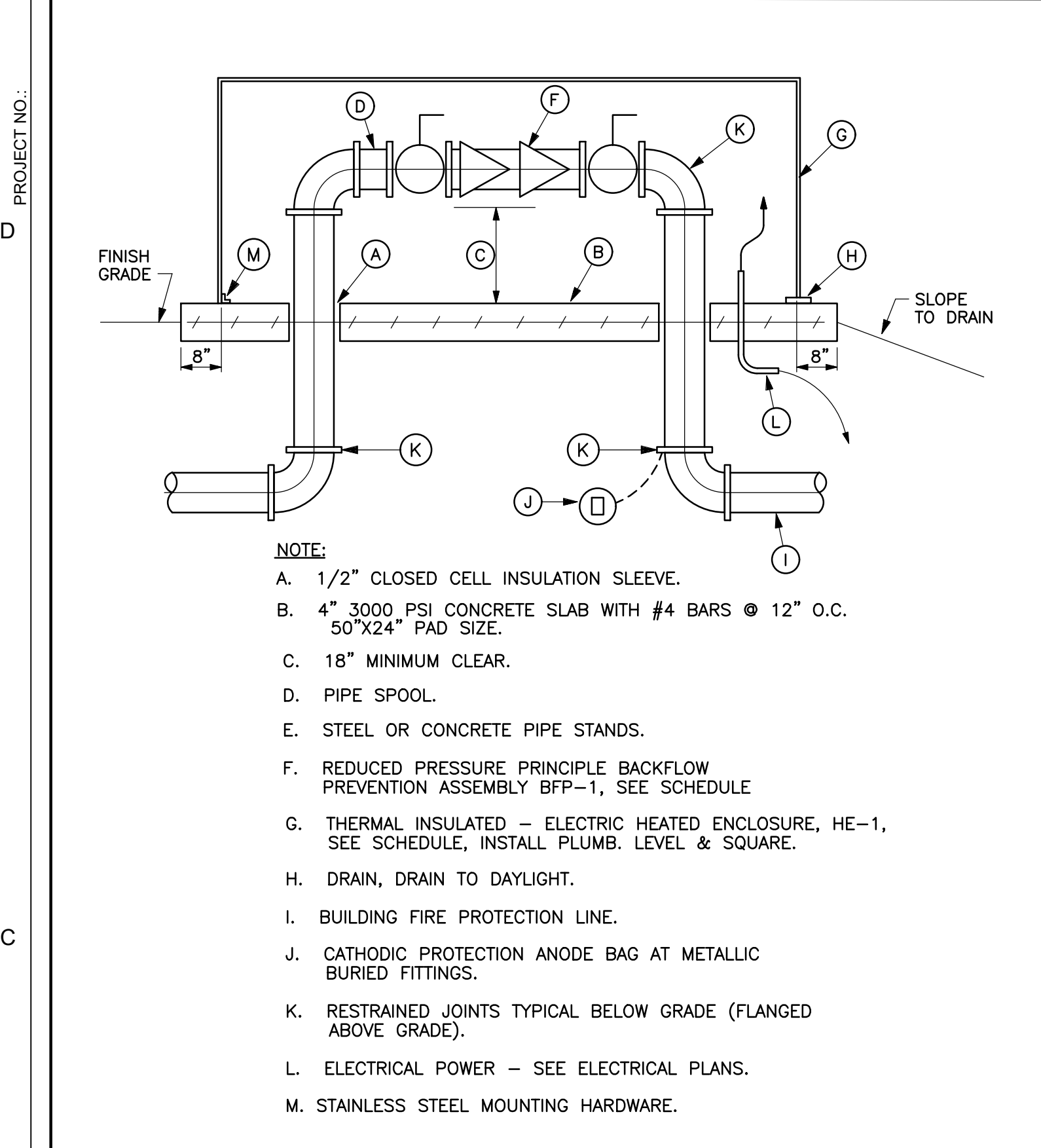


**CITY OF ALBUQUERQUE**  
CAPITAL IMPLEMENTATION PROGRAM  
**AFD FIRE STATION 23**  
9601 ANOLE MESA AVE. N.W.  
ALBUQUERQUE, NM 87121

|                         |  |                        |  |
|-------------------------|--|------------------------|--|
| Drawing Title           |  | Miscellaneous Details  |  |
| Design Review Committee |  | City Engineer Approval |  |
| Issue Date:             |  | City Project No.       |  |
| JULY 25, 2023           |  |                        |  |
| Last Design Update      |  | Sheet                  |  |
|                         |  | D-502                  |  |

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(505) 888-3800 (FAX)  
WWW.MECNM.COM

T:\Clients\VIGIL & ASSOCIATES\CABQ Fire Station #23\CAD\Sheets\501 MISC DETAILS.dwg, D-502, 12/18/2023 3:03:12 PM

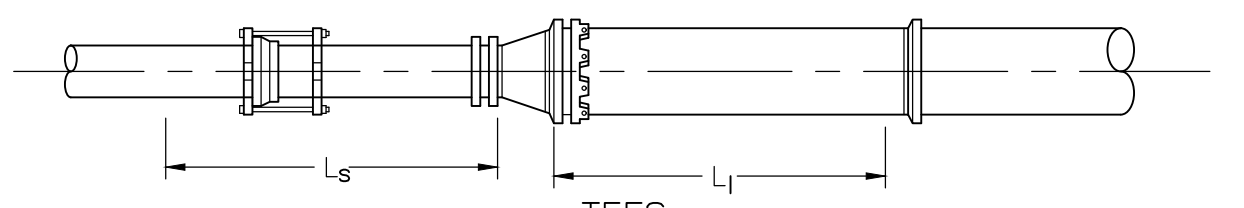


**REDUCED PRESSURE BACKFLOW PREVENTER ASSEMBLY (BFP-1)**  
SCALE: NONE

| 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**

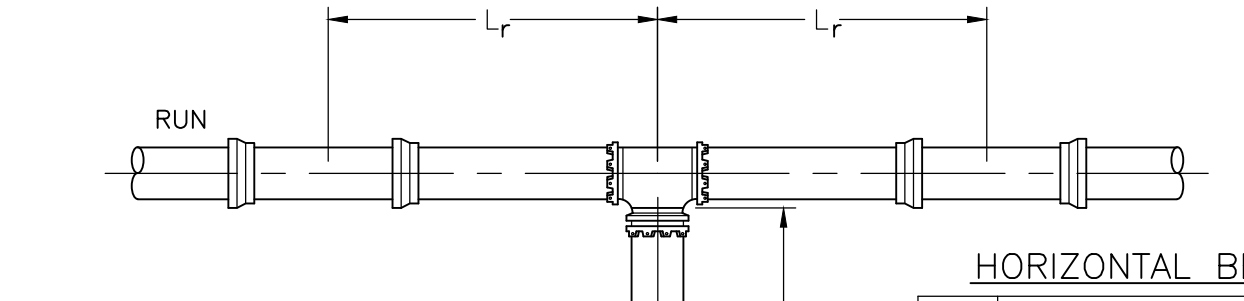
| RESTRAIN EITHER L <sub>s</sub> OR L <sub>l</sub> LENGTH | (L <sub>s</sub> ) L SMALL or (L <sub>l</sub> ) L LARGE |                                    |
|---|--|------------------------------------|
|   | UNOBSTRUCTED STRAIGHT RUN LENGTH, FEET RESTRAINED      | LARGE SIDE RESTRAINED LENGTH, FEET |
| 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**

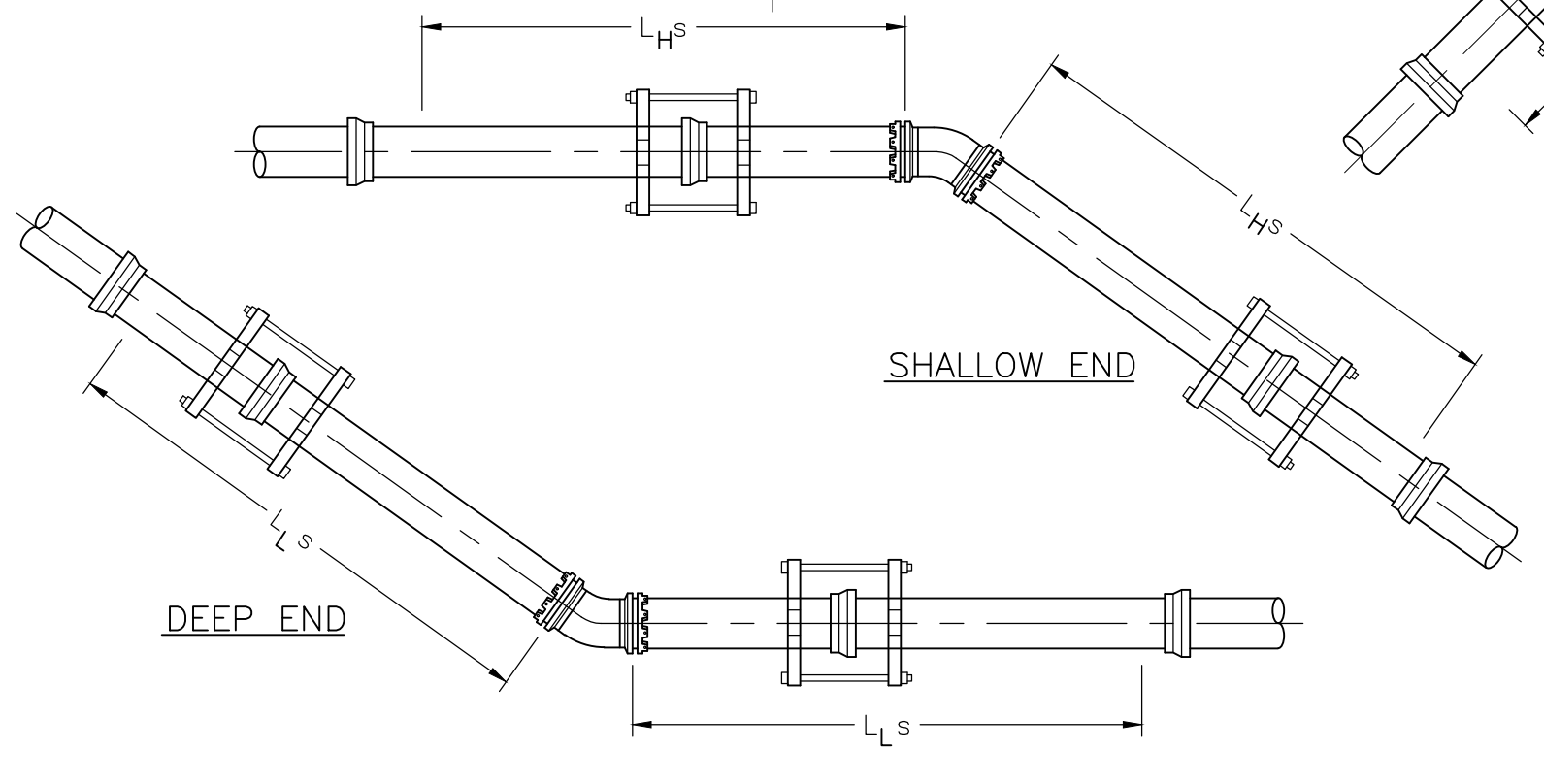
| LINE SIZE | BRANCH SIZE 6"     |                     | BRANCH SIZE 8"      |                     | BRANCH SIZE 10"    |                     | BRANCH SIZE 12"     |                     |
|-----------|--------------------|---------------------|---------------------|---------------------|--------------------|---------------------|---------------------|---------------------|
|           | 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   |

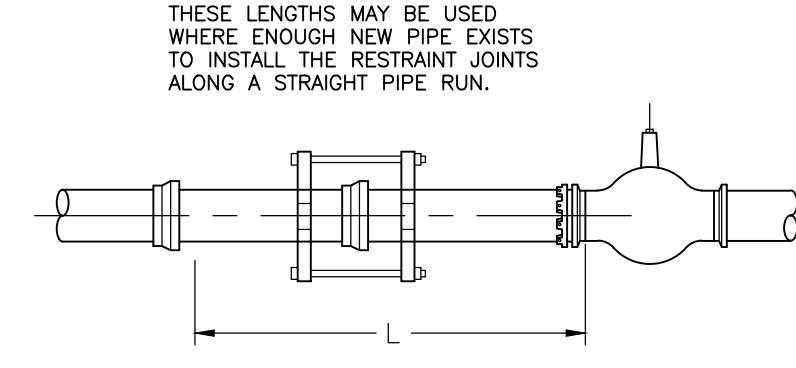


**VERTICAL OFFSETS**

| LINE SIZE | ADDITIONAL DESIGN PARAMETERS   |                                   |                                |                                   |
|-----------|--------------------------------|-----------------------------------|--------------------------------|-----------------------------------|
|           | SHALLOW END DEPTH = 3.0'       |                                   | DEEP END DEPTH = 6.0'          |                                   |
|           | 22° BEND                       |                                   | 45° BEND                       |                                   |
|           | DEEP END L <sub>s</sub> , FEET | SHALLOW END L <sub>p</sub> , FEET | DEEP END L <sub>s</sub> , FEET | SHALLOW END L <sub>p</sub> , FEET |
| 6"        | 3                              | 11                                | 5                              | 23                                |
| 8"        | 3                              | 14                                | 7                              | 30                                |
| 10"       | 4                              | 17                                | 8                              | 36                                |
| 12"       | 5                              | 20                                | 10                             | 42                                |
| 14"       | 5                              | 23                                | 11                             | 48                                |

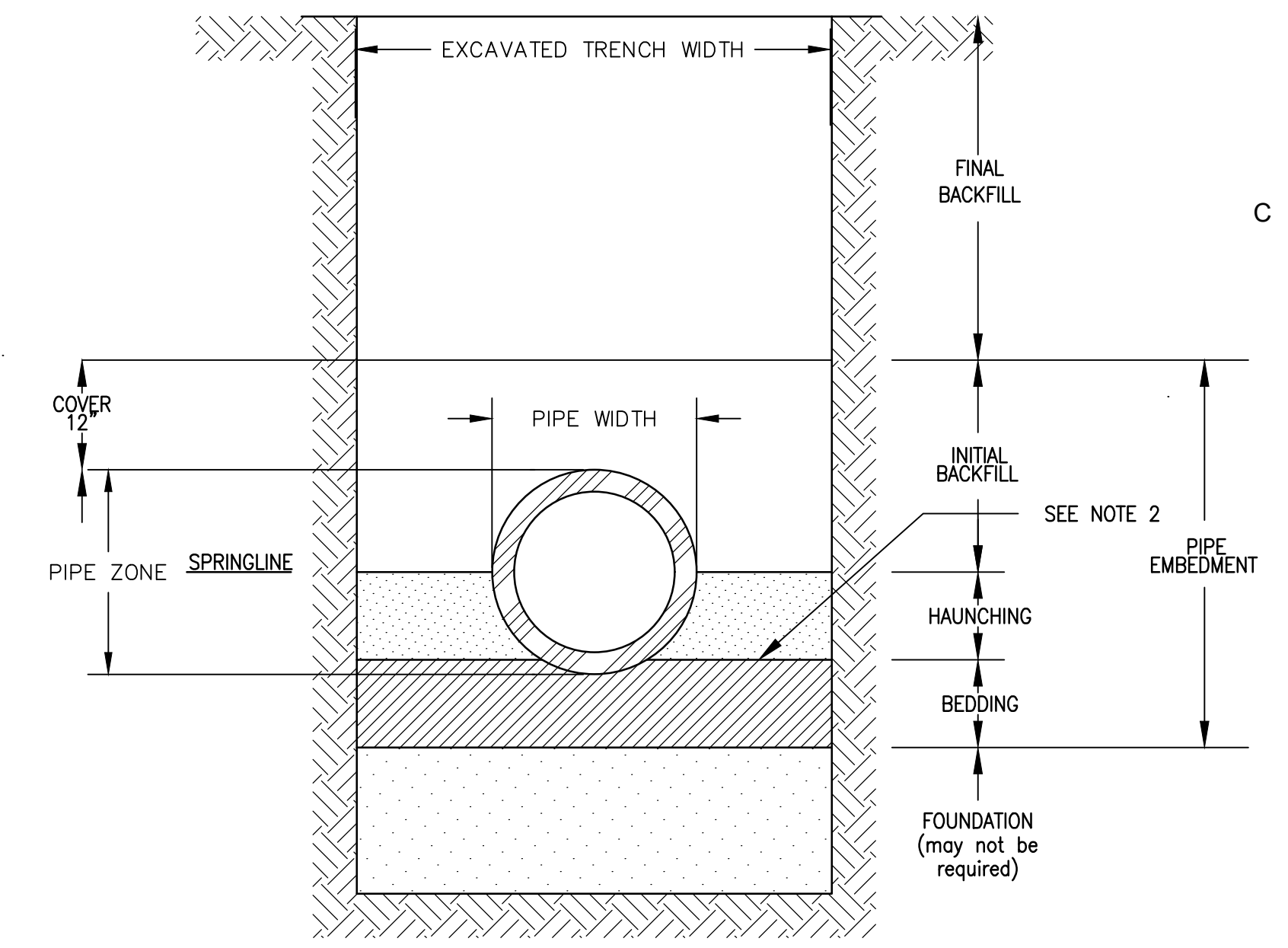
**B1 PIPE RESTRAINT LENGTHS**  
SCALE: NOT TO SCALE

| 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**

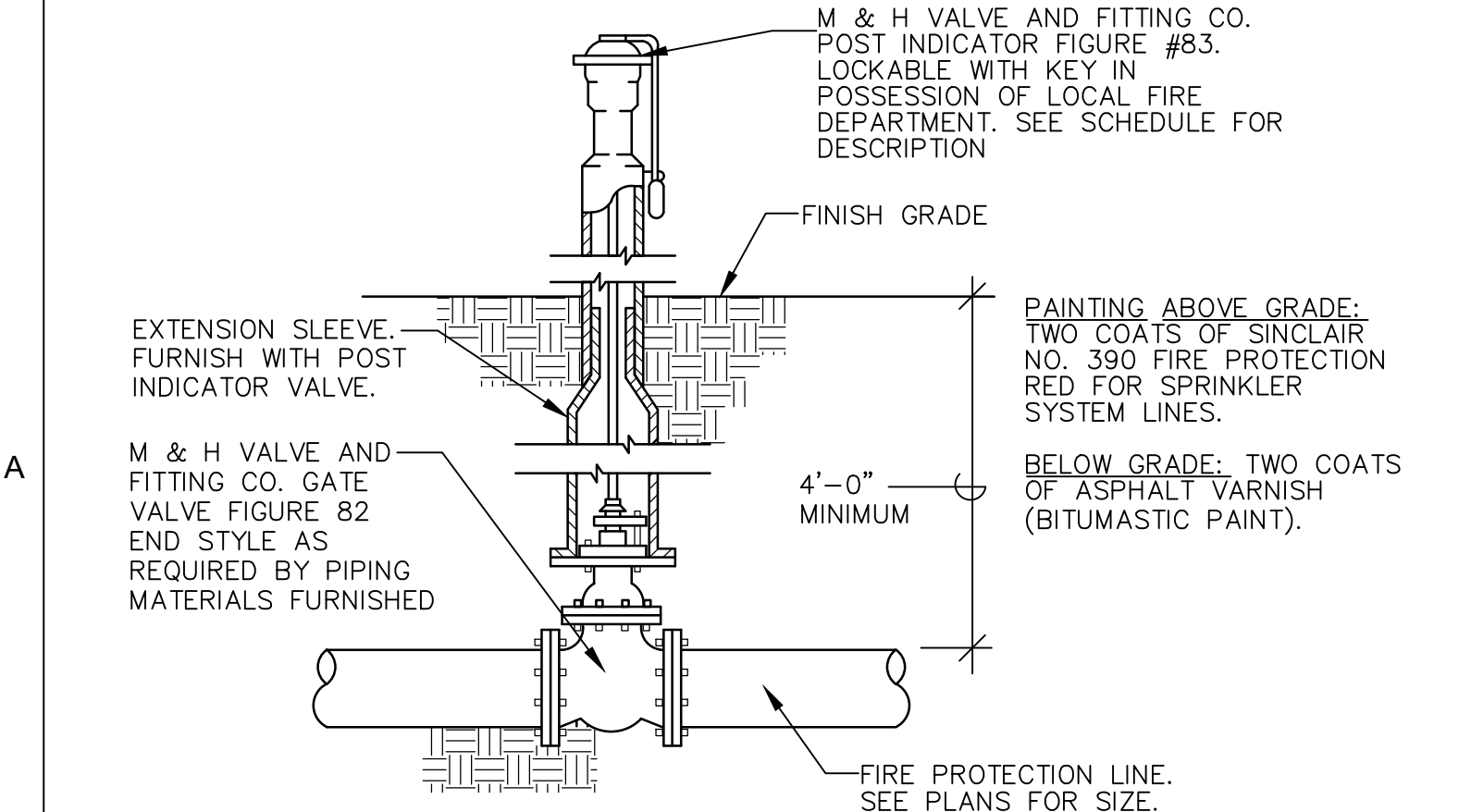
- RESTRAINED PIPE LENGTHS FOR PVC USING EBAA IRON THRUST RESTRAINING SYSTEM.
- LENGTHS MAY OVERLAP TO DETERMINE GREATEST RESTRAINT LENGTH IN ANY ONE DIRECTION.
- CONTRACTOR SHALL MINIMIZE NUMBERS OF RESTRAINED JOINTS REQUIRED BY USING 20' LONG SECTIONS OF PIPE WITHIN THE RESTRAINED LENGTH WHERE POSSIBLE. 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.)



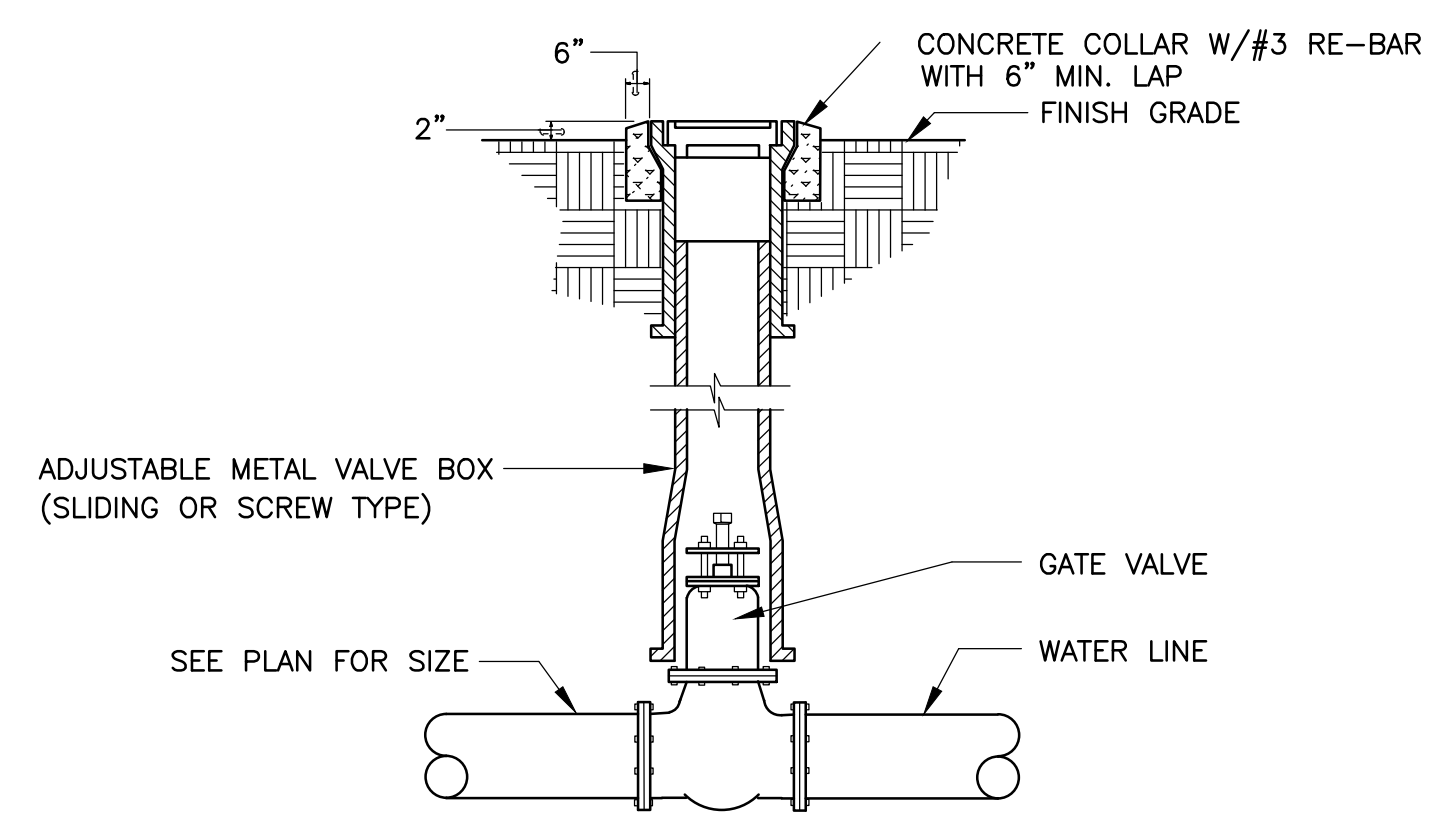
**TRENCH CROSS-SECTION SHOWING TERMINOLOGY**

**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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(505)888-3800 (FAX)  
WWW.MECNM.COM

| CONTRACTOR           | AS-BUILT INFORMATION |      | NO. |
|----------------------|----------------------|------|-----|
|                      | DATE                 | DATE |     |
| WORKED BY            | DATE                 | DATE |     |
| SUBMITTED BY         | DATE                 | DATE |     |
| ACCEPTANCE BY        | DATE                 | DATE |     |
| FIELD APPLICATION BY | DATE                 | DATE |     |
| DESIGNED BY          | DATE                 | DATE |     |
| CHECKED BY           | DATE                 | DATE |     |
| RECORDED BY          | DATE                 | DATE |     |

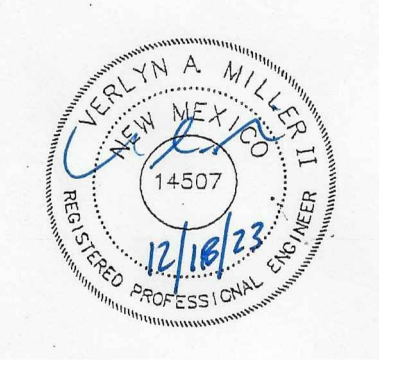
| CONTRACTOR           | BENCH MARKS |      | NO. |
|----------------------|-------------|------|-----|
|                      | DATE        | DATE |     |
| WORKED BY            | DATE        | DATE |     |
| SUBMITTED BY         | DATE        | DATE |     |
| ACCEPTANCE BY        | DATE        | DATE |     |
| FIELD APPLICATION BY | DATE        | DATE |     |
| DESIGNED BY          | DATE        | DATE |     |
| CHECKED BY           | DATE        | DATE |     |
| RECORDED BY          | DATE        | DATE |     |

| CONTRACTOR           | SURVEY INFORMATION |      | NO. |
|----------------------|--------------------|------|-----|
|                      | DATE               | DATE |     |
| WORKED BY            | DATE               | DATE |     |
| SUBMITTED BY         | DATE               | DATE |     |
| ACCEPTANCE BY        | DATE               | DATE |     |
| FIELD APPLICATION BY | DATE               | DATE |     |
| DESIGNED BY          | DATE               | DATE |     |
| CHECKED BY           | DATE               | DATE |     |
| RECORDED BY          | DATE               | DATE |     |

| CONTRACTOR           | SEAL |      | NO. |
|----------------------|------|------|-----|
|                      | DATE | DATE |     |
| WORKED BY            | DATE | DATE |     |
| SUBMITTED BY         | DATE | DATE |     |
| ACCEPTANCE BY        | DATE | DATE |     |
| FIELD APPLICATION BY | DATE | DATE |     |
| DESIGNED BY          | DATE | DATE |     |
| CHECKED BY           | DATE | DATE |     |
| RECORDED BY          | DATE | DATE |     |



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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

file name:

Drawing Title: **MISCELLANEOUS DETAILS**

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

Issue Date: **JULY 25, 2023**

City Project No. .

Sheet: **D-503**

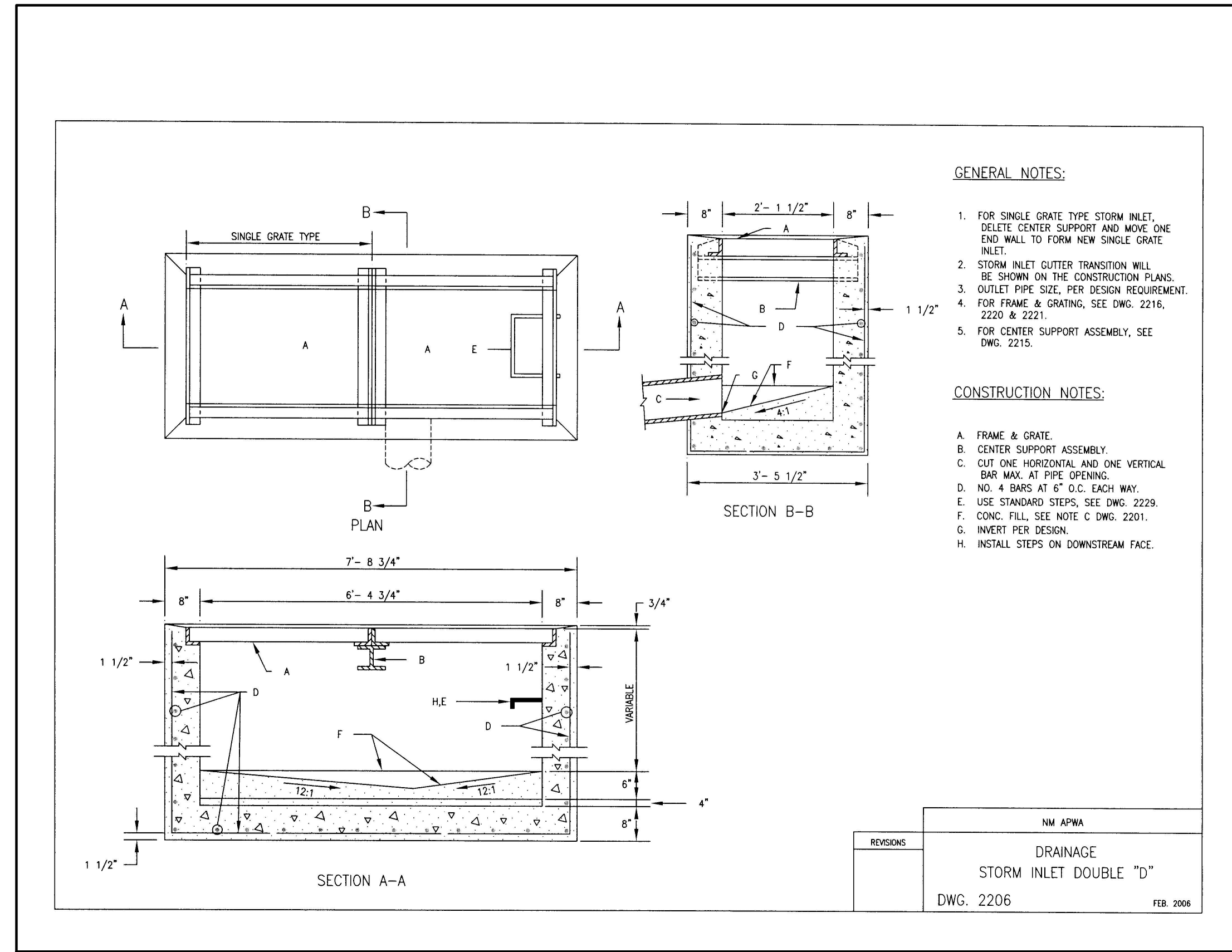
PROJECT NO.:

D

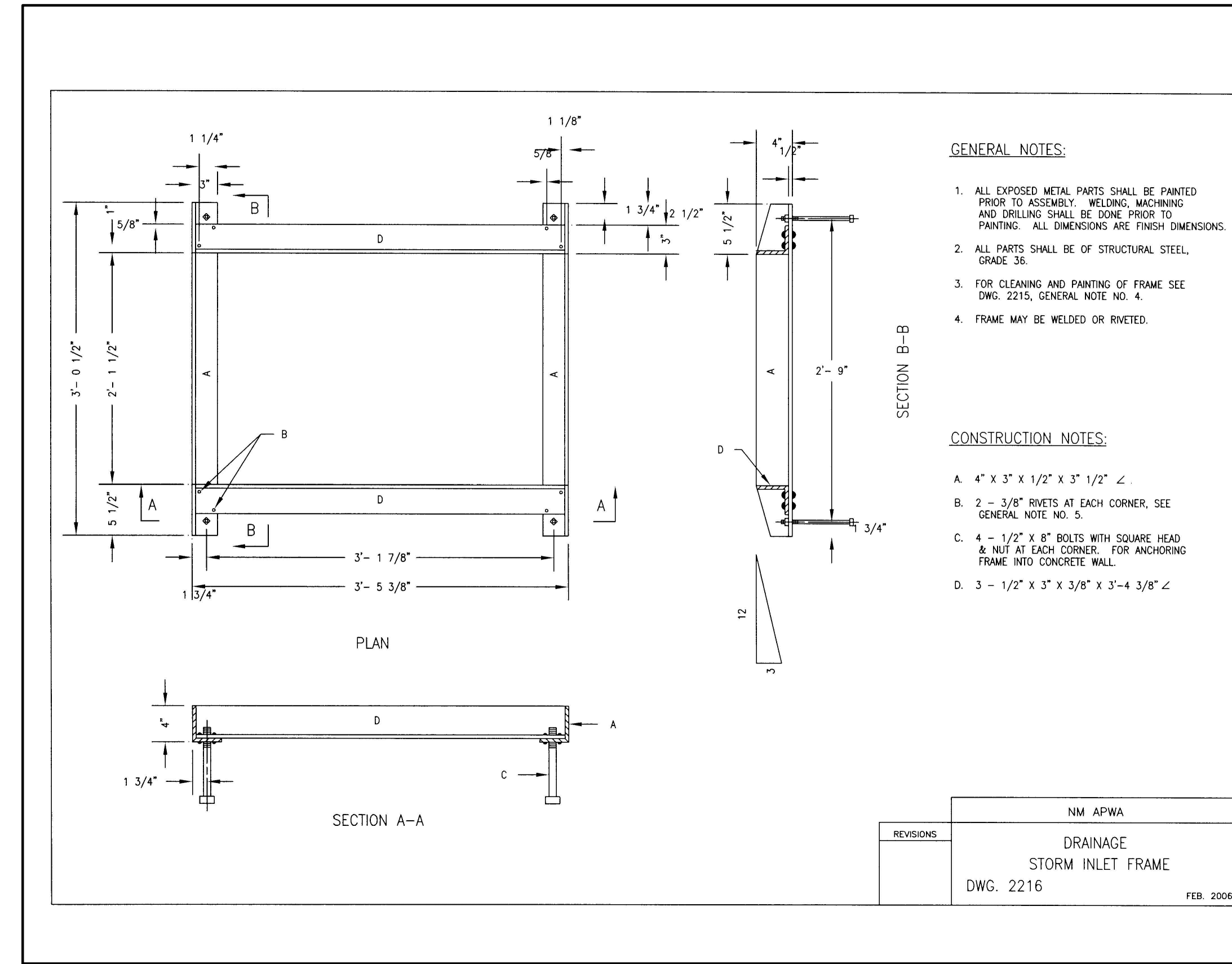
C

B

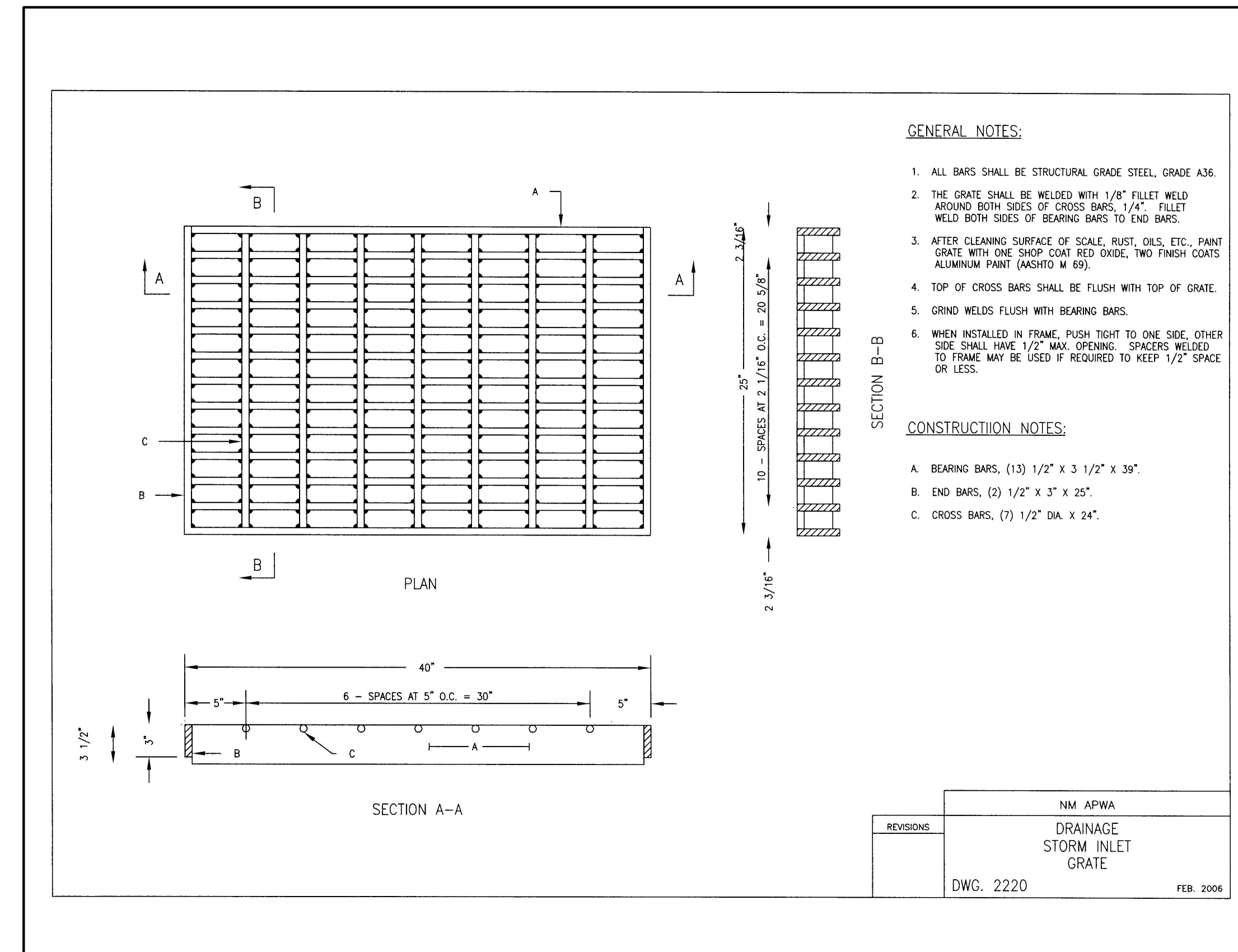
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C1 TYPE D STORM INLET  
SCALE: NOT TO SCALE

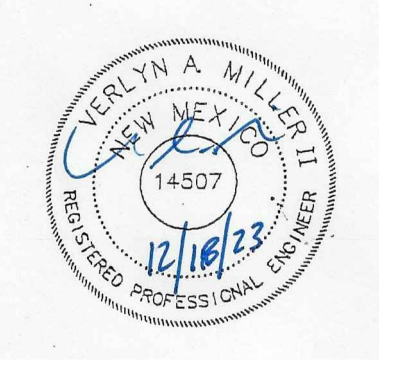


C3 TYPE D STORM INLET FRAME  
SCALE: NOT TO SCALE



C5 TYPE D STORM INLET GRATE  
SCALE: NOT TO SCALE

| AS-BUILT INFORMATION   |      | BENCH MARKS |  | SURVEY INFORMATION |  |
|------------------------|------|-------------|--|--------------------|--|
| CONTRACTOR             | DATE |             |  |                    |  |
| WORKS BY               | DATE |             |  |                    |  |
| SUBMITTED BY           | DATE |             |  |                    |  |
| FIELD APPLICATION BY   | DATE |             |  |                    |  |
| DESIGNED BY            | DATE |             |  |                    |  |
| CHECKED BY             | DATE |             |  |                    |  |
| MICRO-FILM INFORMATION |      |             |  |                    |  |
|                        |      |             |  |                    |  |



| NO. | DATE | REMARKS | BY | DESIGN | DATE |
|-----|------|---------|----|--------|------|
|     |      |         |    |        |      |
|     |      |         |    |        |      |

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

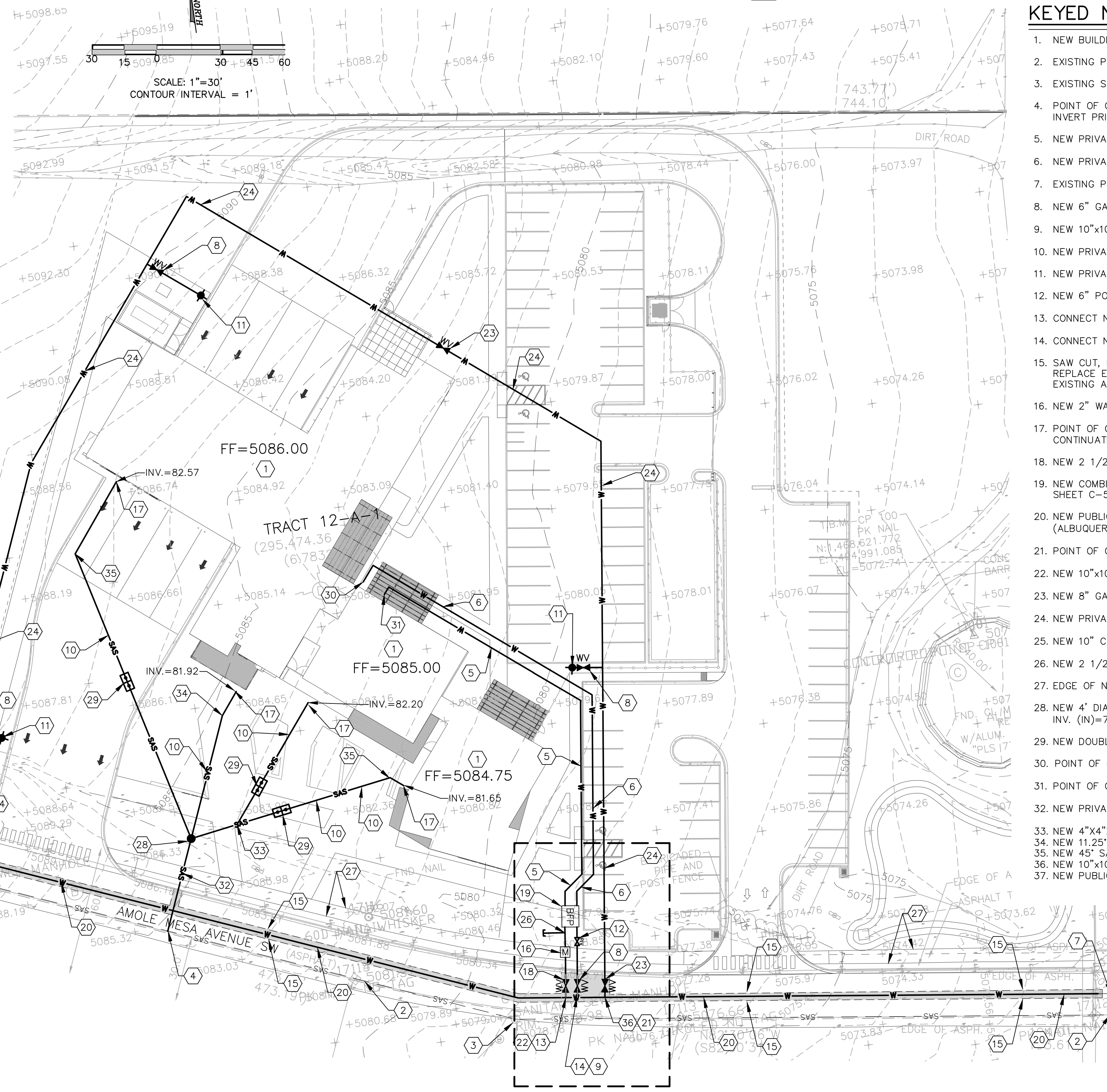
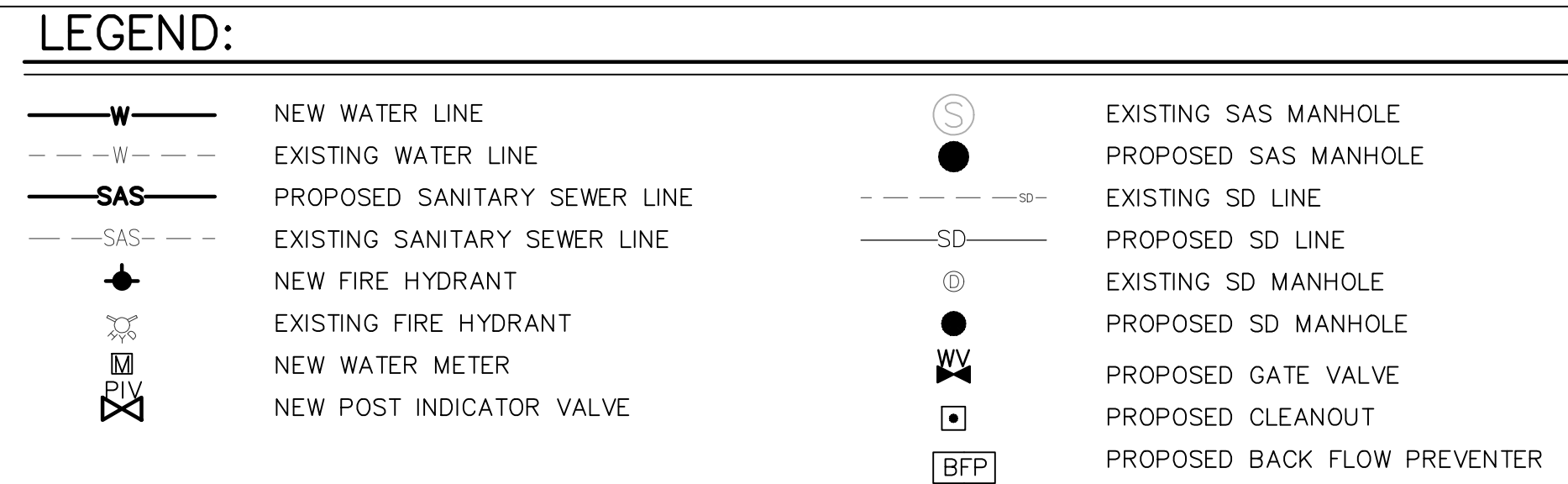
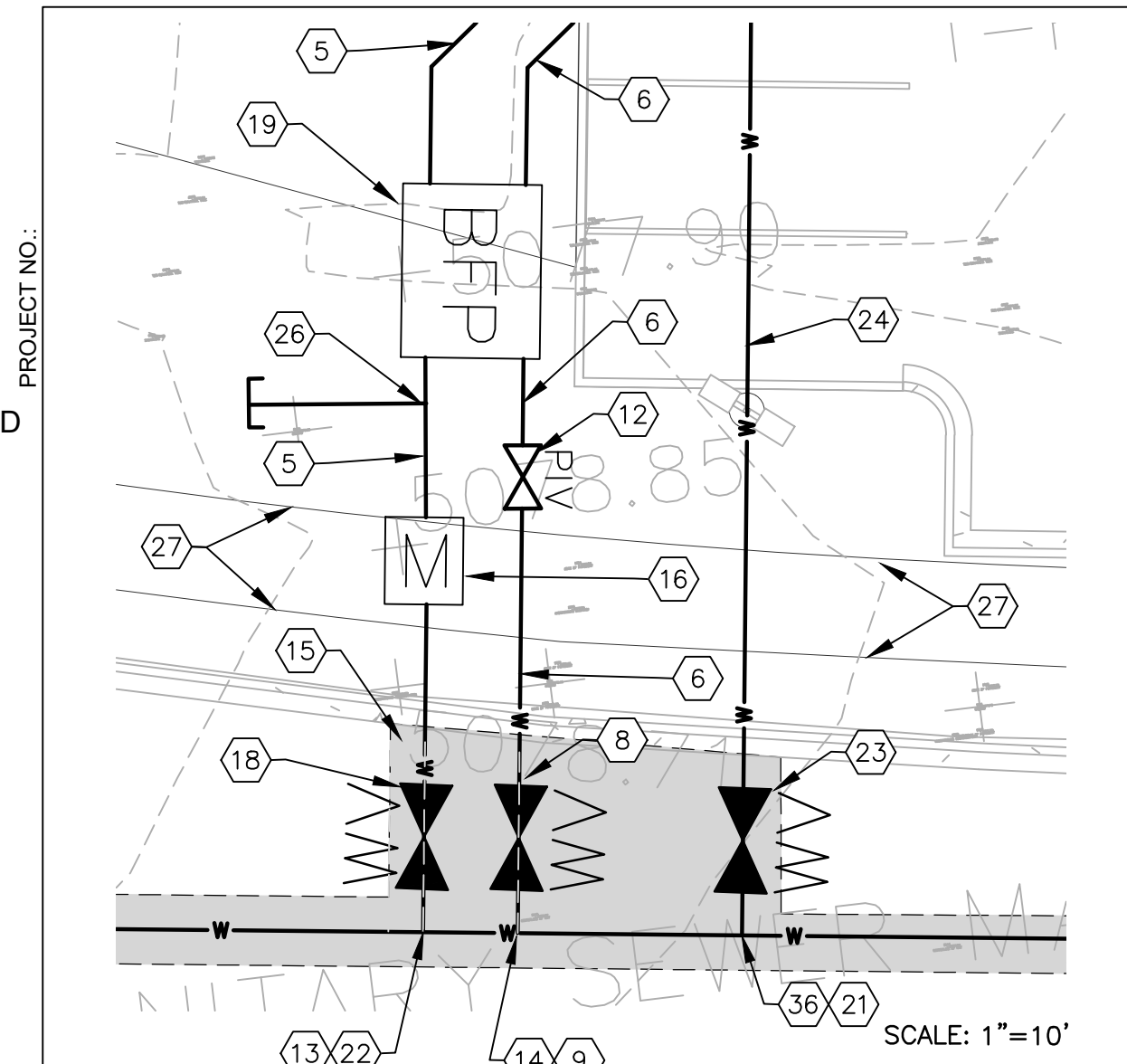


**CITY OF ALBUQUERQUE**  
CAPITAL IMPLEMENTATION PROGRAM  
**AFD FIRE STATION 23**  
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|                         |                        |                       |              |
|-------------------------|------------------------|-----------------------|--------------|
| 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> |

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(505)888-3800 (FAX)  
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T:\Clients\VIGIL & ASSOCIATES\CABQ Fire Station #23\CAD\Sheets\501 MISC\DETAILS.dwg, D-504, 12/18/2023 3:02:19 PM

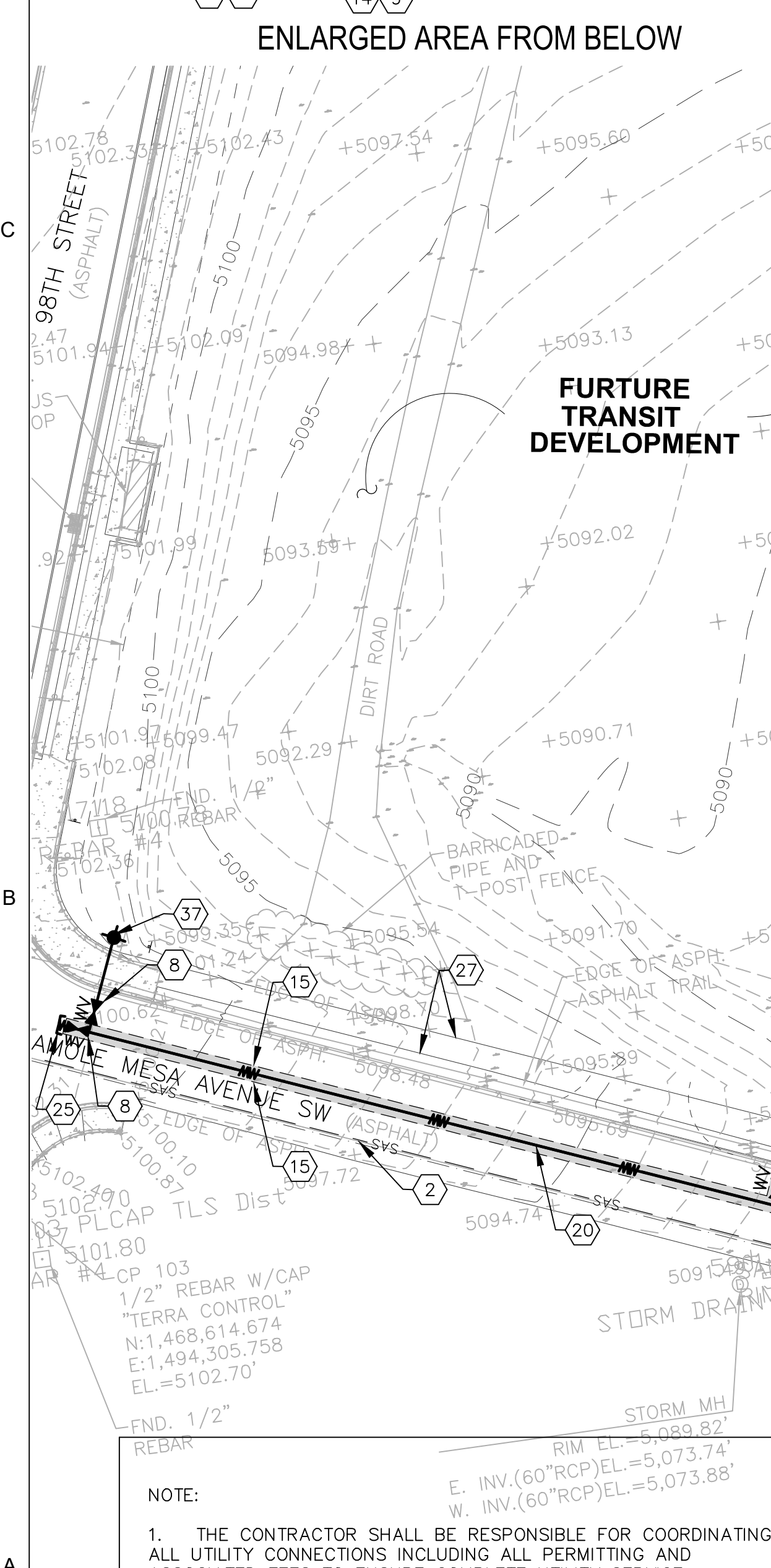


**GENERAL NOTE:**

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.



- 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'

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**CITY OF ALBUQUERQUE**  
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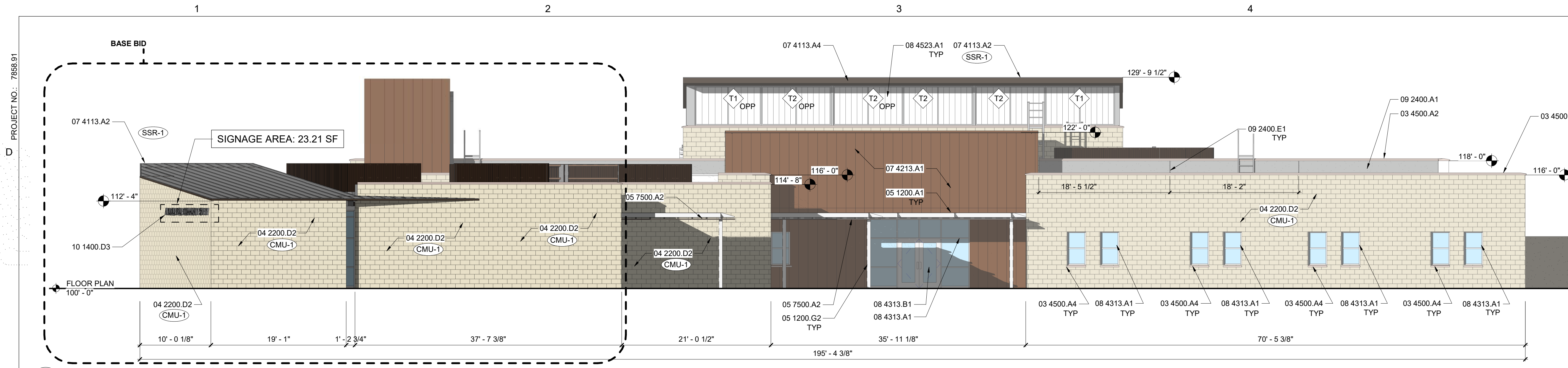
Drawing Title: **UTILITY PLAN OVERALL**

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

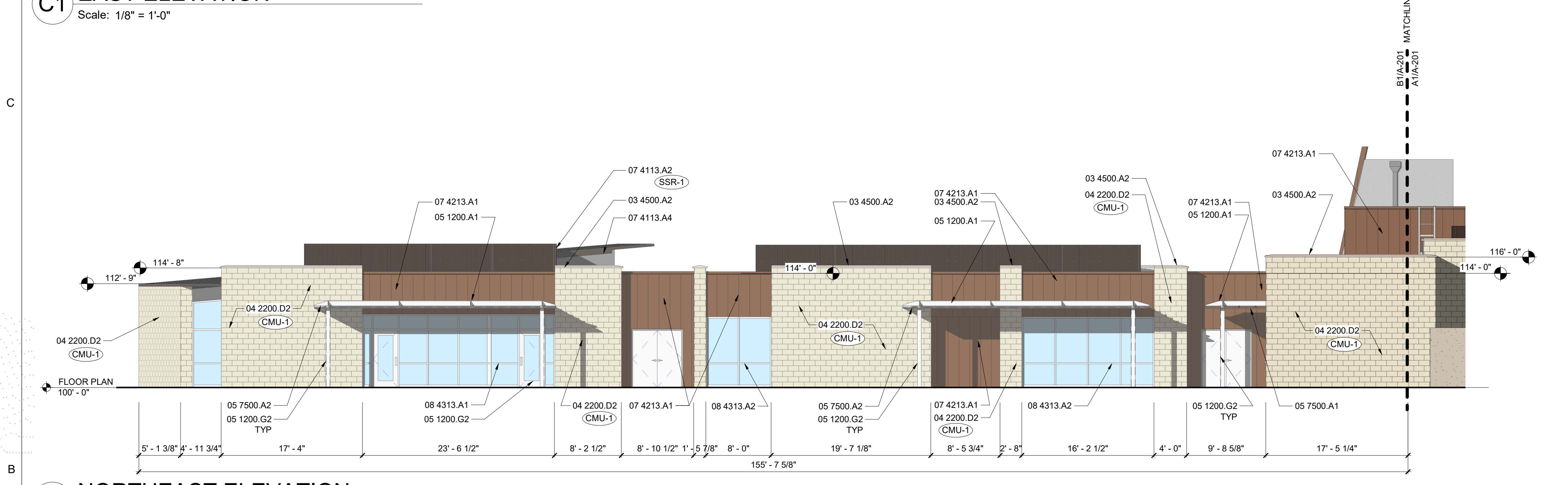
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|----------------------|------|-------------|------|--------------------|------|
| CONTRACTOR           | DATE | NO.         | DATE | NO.                | DATE |
| WORKS BY             | DATE |             |      |                    |      |
| SUBMITTED BY         | DATE |             |      |                    |      |
| FIELD ACCEPTANCE BY  | DATE |             |      |                    |      |
| FIELD REVISION BY    | DATE |             |      |                    |      |
| DESIGNED BY          | DATE |             |      |                    |      |
| CHECKED BY           | DATE |             |      |                    |      |
| RECORDED BY          | DATE |             |      |                    |      |

| MICRO-FILM INFORMATION |         | SEAL                                  |    |
|------------------------|---------|---------------------------------------|----|
| NO.                    | DATE    | MEC                                   | BY |
| 1                      | 1/23/24 | MODIFICATIONS TO MATCH PLUMBING PLANS |    |
| 2                      | 1/31/24 | COMMENTS FROM ABCWUA                  |    |
|                        |         | REMARKS                               |    |
|                        |         | DESIGN                                |    |
|                        |         | DATE                                  |    |
|                        |         | DATE                                  |    |

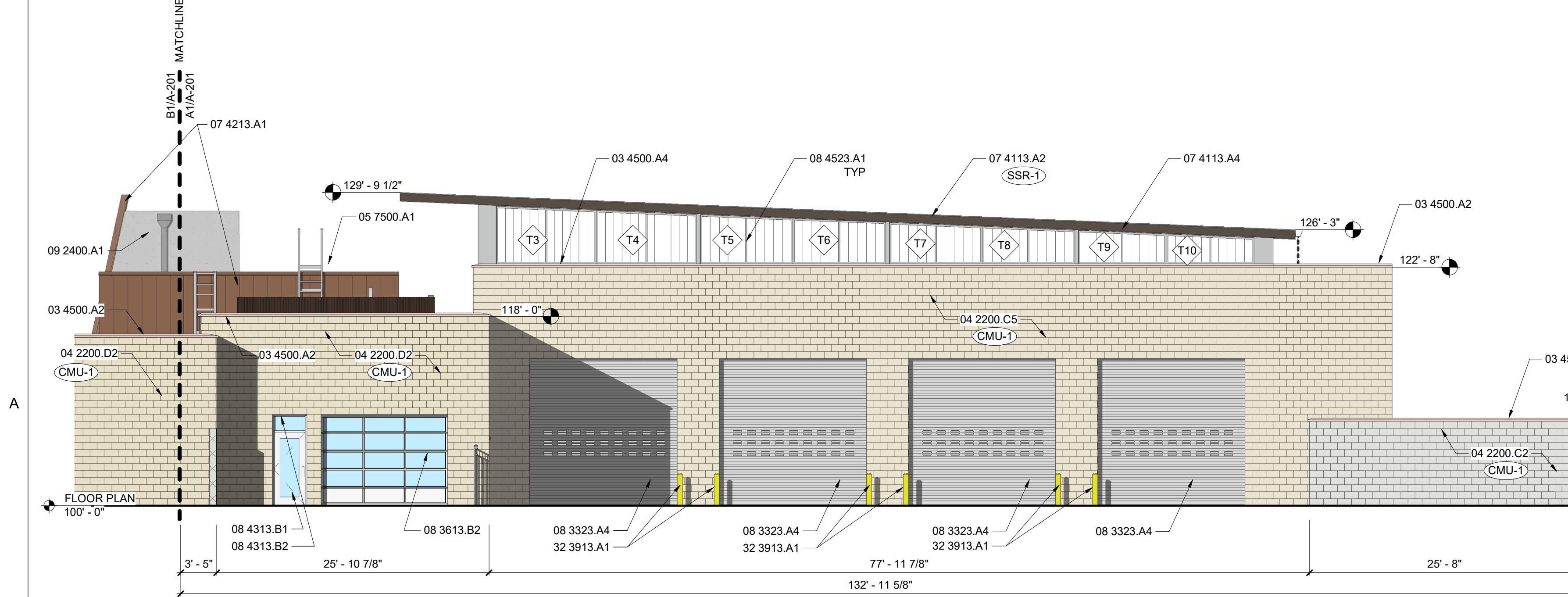
|       |              |
|-------|--------------|
| Sheet | <b>C-201</b> |
|-------|--------------|



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



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



**A1 NORTHWEST ELEVATION**  
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 1200.A1 | W SHAPE STEEL MEMBER - REFER STRUCTURAL                                   |
| 05 1200.G2 | TUBE STEEL COLUMN - REFER STRUCTURAL                                      |
| 05 7500.A1 | PERFORATED METAL PANELS - RIBBED  |
| 05 7500.A2 | SOLID METAL PANELS - RIBBED   |
| 07 4113.A2 | PRE-FINISHED METAL SOFFIT SYSTEM BY STANDING SEAM METAL ROOF MANUFACTURER |
| 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 3613.B2 | ALUMINUM & GLASS SECTIONAL DOOR   |
| 08 4313.A1 | ALUMINUM FRAMED STORFRONT   |
| 08 4313.A2 | ALUMINUM STORFRONT WINDOW   |
| 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                         |
| 09 2400.E1 | STUCCO CONTROL JOINT  |
| 10 1400.D3 | BUILDING IDENTIFICATION LETTERS - 12" HIGH                                |
| 32 3913.A1 | CONCRETE FILLED, STEEL JACKETED BOLLARD - PAINTED                         |

**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     | MATTITE                    | 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 | MATTITE                    | GRAY WOLF - DE6354 (FLAT GREY)         |

City of Albuquerque Electronic Stamp

|   |  |
|---|--|
| <p><b>VIGIL &amp; ASSOCIATES</b><br/>ARCHITECTURAL GROUP, P.C.<br/>4477 Irving NW, Suite A<br/>Albuquerque, New Mexico 87114<br/>Ph: 505.890.9300 • Fax: 505.890.9021<br/>www.va-architects.com</p> | <p><b>CITY OF ALBUQUERQUE</b><br/>CAPITAL IMPLEMENTATION PROGRAM<br/><b>SOUTHWEST PUBLIC SAFETY CENTER</b></p> |
|---|--|

**EXTERIOR ELEVATIONS - EPC**

|                         |                        |                |             |
|-------------------------|------------------------|----------------|-------------|
| Design Review Committee | City Engineer Approval | Mo./Day/Yr.    | Mo./Day/Yr. |
| Issue Date:             | City Project No.       | Sheet          |             |
| <b>JANUARY 2024</b>     | <b>7858.91</b>         | <b>A - 201</b> |             |

**AS-BUILT INFORMATION**

| CONTRACTOR          | DATE |
|---------------------|------|
|                     |      |
| WORK STACKED BY     | DATE |
|                     |      |
| FIELD ACCEPTANCE BY | DATE |
|                     |      |
| REVISIONS BY        | DATE |
|                     |      |
| CORRECTED BY        | DATE |
|                     |      |
| NO.                 | DATE |
|                     |      |

**BENCH MARKS**

| NO. | DATE |
|-----|------|
|     |      |

**SEAL**

STATE OF NEW MEXICO  
**RAYMOND R. VIGIL**  
No. 004027  
REGISTERED ARCHITECT

01/17/24

| NO. | DATE | REMARKS | BY | DATE |
|-----|------|---------|----|------|
|     |      |         |    |      |
|     |      |         |    |      |

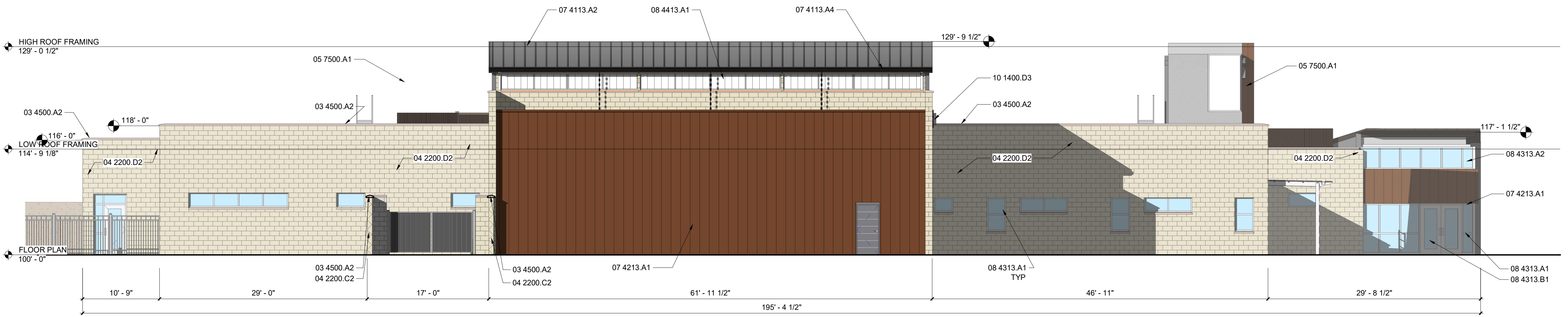
**100% CONSTRUCTION DOCUMENTS**

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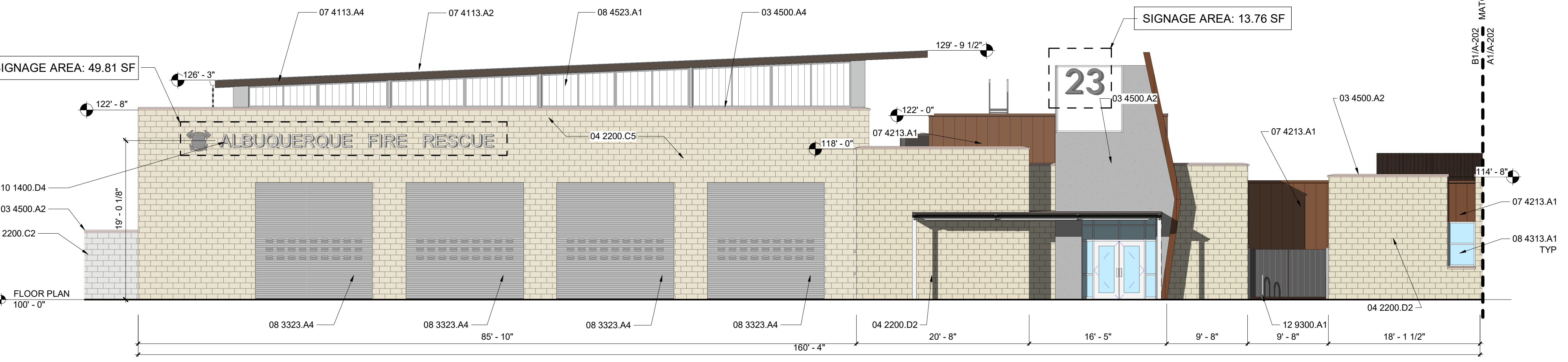


PROJECT NO.: 7858.91

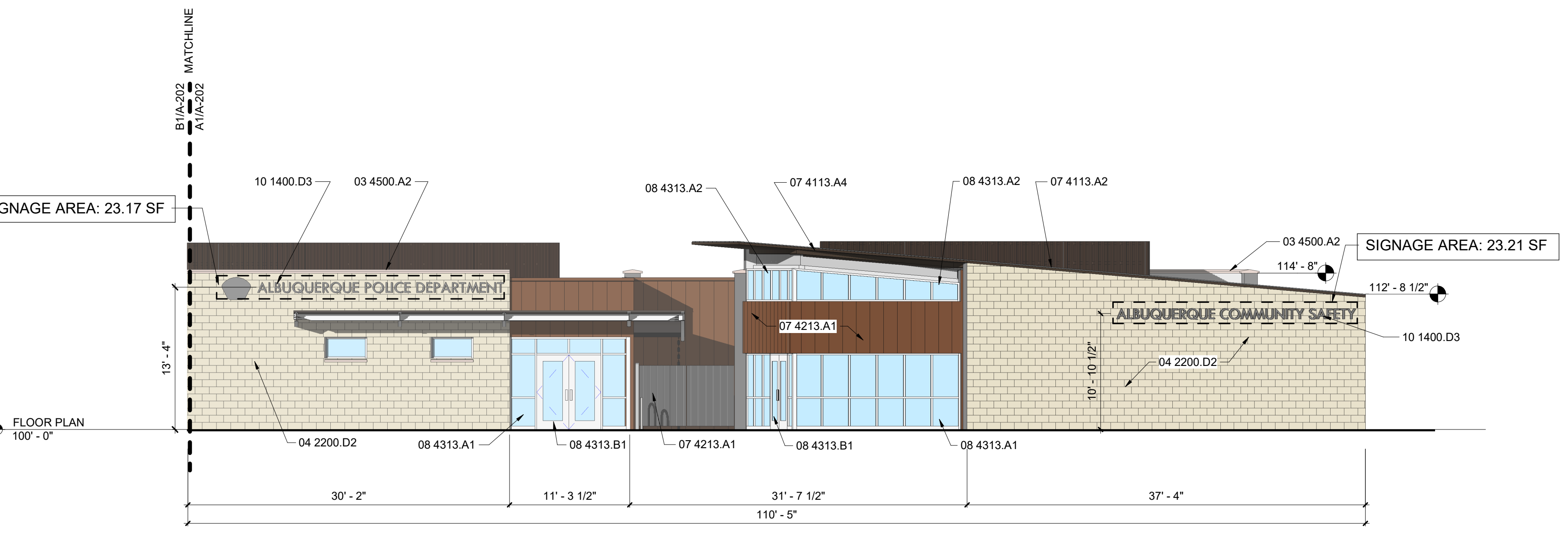
City of Albuquerque Electronic Stamp



**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)         |



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

Drawing Title: **EXTERIOR ELEVATIONS - EPC**

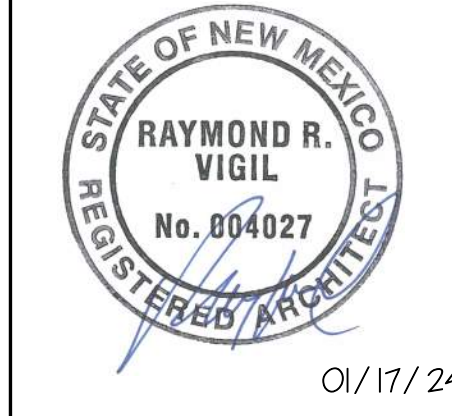
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|-------------------------|------------------------|-------------|-------------|
| Design Review Committee | City Engineer Approval | Mo./Day/Yr. | Mo./Day/Yr. |
| Issue Date:             | City Project No.       | Sheet       |             |

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

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

| NO. | DATE | REMARKS                     | BY |
|-----|------|-----------------------------|----|
|     |      | 100% CONSTRUCTION DOCUMENTS |    |
|     |      | DESIGN                      |    |
|     |      | DESIGNED BY:                |    |
|     |      | DRAWN BY:                   |    |
|     |      | CHECKED BY:                 |    |













# PR-2023-009216\_SI-2024\_00096\_Site\_Plan\_Approved\_1-31-24\_Sheet\_1


Final Audit Report


2024-02-14


|                 |  |
|-----------------|--|
| Created:        | 2024-02-08                                   |
| By:             | Jay Rodenbeck (jrodenbeck@cabq.gov)          |
| Status:         | Signed                                       |
| Transaction ID: | CBJCHBCAABAAnN0z1gr-Nn4mbb0SKBZC9ziFcFQgwRBt |


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