

T:\Projects\3555 Woodland JUSD\003-108 Spring Lake ES Playfields\06 BM CAD\03 REV\13535003108 WJUSD Spring Lake ES Play Fields - NEW.rvt
12/1/2022 11:07:40 AM

Woodland Joint Unified School District

SPRING LAKE ES - PLAYFEILDS

2209 MIEKLE AVE
WOODLAND, CA 95776



AGENCY
APPROVAL:

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-120683 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☒
DATE: 12/06/2022



HMC Architects

3535003108

2101 CAPITOL AVE,
SUITE 100
SACRAMENTO, CA 95816
916-368-7990 / www.hmcarchitects.com

PROJECT TEAM

OWNER
**WOODLAND JOINT UNIFIED
SCHOOL DISTRICT**

435 SIXTH STREET WOODLAND, CA 95695
T 916.406.3220

ARCHITECT
HMC ARCHITECTS

2101 CAPITOL AVE, SUITE 100, SACRAMENTO, CA 95816
T 916.368.7990

CIVIL
WARREN CONSULTING ENGINEERS
1117 WINDFELL WAY, #100 EL DORADO HILLS, CA 95762
T 916.985.1870

LANDSCAPE ARCHITECT
MTW GROUP

2707 K STREET, STE 100 SACRAMENTO, CA 95816
T 916.369.3990

FACILITY:

**2209 MIEKLE AVE
WOODLAND, CA 95776**

PROJECT:
SPRING LAKE ES - PLAYFEILDS

SHEET NAME:
COVER SHEET

DATE: 09/27/20

CLIENT PROJ NO:

SHEET:

G0.10

PLEASE RECYCLE

T:\Projects\3535 Woodland JUSD\003-108_Spring Lake ES Playfields\03 CAD\03 REV\120683\03 WJUSD Spring Lake ES Play Fields - NEW.rvt
12/17/2022 11:07:40 AM

GENERAL NOTES

- CONSTRUCTION DOCUMENTS DESCRIBE THE PRODUCTS, SYSTEMS, QUANTITIES, CONFIGURATION, AND PERFORMANCE SPECIFICATIONS THAT DELIVER THE OVERALL DESIGN INTENT OF THE PROJECT. THE CONSTRUCTION DOCUMENT DRAWINGS AND SPECIFICATIONS ARE COMPLEMENTARY, AND WHAT IS REQUIRED BY ONE SHALL BE AS BINDING AS IF REQUIRED BY BOTH.
- PERFORMANCE BY THE CONSTRUCTION TEAM SHALL BE CONSISTENT WITH THE CONSTRUCTION DRAWINGS AND SPECIFICATIONS AS NECESSARY TO DELIVER THE INDICATED RESULTS OF THE DESIGN INTENT.
- VERIFY ALL DIMENSIONS, LOCATIONS OF EXISTING UTILITIES, AND CONDITIONS ON THE JOB SITE PRIOR TO THE START OF WORK OR PORTIONS OF THE WORK. NOTIFY THE ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES BETWEEN THE ACTUAL FIELD CONDITIONS AND THE CONSTRUCTION DOCUMENTS. EXISTING CONDITIONS ARE INDICATED AS A RESULT OF FIELD OBSERVATIONS, INFORMATION SHOWN ON AVAILABLE DOCUMENTS AND FIELD CONDITIONS AT THE TIME OF PREPARATION.
- ALL MATERIALS AND WORKMANSHIP SHALL COMPLY WITH ALL GOVERNING CODES, ORDINANCES, REGULATIONS AND LAWS. THE DESIGN ADEQUACY AND SAFETY OF ERECTION BRACING, SHORING, TEMPORARY SUPPORTS AND SCAFFOLDING IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. WHERE ANY CONFLICT OCCURS BETWEEN THE REQUIREMENTS OF LAWS, CODES, ORDINANCES, RULES AND REGULATIONS, THE MOST STRINGENT SHALL GOVERN. IN NO CASE SHALL WORKING DIMENSIONS BE SCALED FROM PLANS, SECTIONS OR DETAILS ON THE DRAWINGS.
- DETAILS MARKED "TYPICAL" SHALL APPLY IN ALL CASES UNLESS SPECIFICALLY NOTED OTHERWISE.
- ENACT ALL MEASURES TO PROTECT AND SAFEGUARD ALL EXISTING ELEMENTS TO REMAIN FROM BEING DAMAGED, REPLACE OR REPAIR EXISTING ELEMENTS DAMAGED BY THE EXECUTION OF THIS CONTRACT TO EQUAL OR BETTER CONDITION.
- PRIOR TO THE START OF WORK THE CONTRACTOR SHALL COORDINATE BETWEEN THE REQUIREMENTS OF ALL DISCIPLINES HEREIN AND BETWEEN THE REQUIREMENTS OF ALL DRAWINGS AND SPECIFICATIONS IN ORDER THAT ALL ITEMS SATISFACTORILY RELATE TO ONE ANOTHER. NOTIFY ARCHITECT IMMEDIATELY REGARDING ANY ITEMS THAT CANNOT BE COORDINATED.
- CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN EXCAVATING AND TRENCHING ON THIS SITE TO AVOID EXISTING DUCTS, PIPING, CONDUIT, ETC. AND TO PREVENT HAZARD TO PERSONNEL AND/OR TO EXISTING UNDERGROUND UTILITIES OR STRUCTURES. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT SHOULD SUCH UNIDENTIFIED CONDITIONS BE DISCOVERED. THESE DRAWINGS AND SPECIFICATIONS DO NOT INCLUDE THE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY.
- CHANGES TO THE APPROVED DRAWINGS AND/OR SPECIFICATIONS SHALL BE MADE BY ADDENDA OR A CHANGE ORDER. CUTTING, BORING, SAWCUTTING OR DRILLING THROUGH THE EXISTING OR NEW STRUCTURAL ELEMENTS SHALL NOT TO BE STARTED UNTIL THE DETAILS HAVE BEEN REVIEWED AND APPROVED BY THE ARCHITECT, AND STRUCTURAL ENGINEER OF RECORD.
- ALL WORK SHALL CONFORM TO 2019 EDITION TITLE 24, CALIFORNIA CODE OF REGULATION (CCR).
- THE LIMIT OF WORK LINE SHOWS THESE DRAWINGS IS AN APPROXIMATE LIMIT OF WORK ONLY. REFER TO CONSULTANT DRAWINGS FOR ADDITIONAL WORK, INCLUDING BUT NOT LIMITED TO: INSTALLATION OF CONDUIT, MANHOLES, JUNCTION BOXES, ETC. WHICH ARE TO BE PART OF THIS WORK, ALTHOUGH OCCURRING OUTSIDE OF SHOWN LIMIT OF WORK LINES.
- FABRICATION AND INSTALLATION OF DEFERRED SUBMITTAL ITEMS SHALL NOT BE STARTED UNTIL CONTRACTORS' DRAWINGS, SPECIFICATIONS, AND ENGINEERING CALCULATIONS FOR THE ACTUAL SYSTEMS TO BE INSTALLED HAVE BEEN ACCEPTED AND SIGNED BY THE ARCHITECT OR STRUCTURAL ENGINEER AND APPROVED BY THE DSA. LIST ANY DEFERRED SUBMITTAL ITEMS FOR THIS PROJECT.
- CHANGE TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY ADDENDA OR CONSTRUCTION CHANGE DOCUMENT (CCD) APPROVED BY DSA, AS REQUIRED BY SECTION 4-338, PART 1, TITLE 24 CCR.
- A "DSA CERTIFIED" PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY DSA SHALL PROVIDE CONTINUOUS INSPECTION OF WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, TITLE 24, CCR. INSPECTOR TO BE CLASS 1.
- A DSA ACCEPTED TESTING LABORATORY DIRECTLY EMPLOYED BY THE DISTRICT (OWNER) SHALL CONDUCT ALL THE REQUIRED TESTS AND INSPECTIONS FOR THE PROJECT. THE REPORTS SHALL BE SUBMITTED TO ARCHITECT OF RECORD, STRUCTURAL ENGINEER OF RECORD, OWNER, INSPECTOR OR RECORD, AND THE DSA FIELD ENGINEER. THE REPORTS OF ANY FAILURES OF TESTS AND INSPECTIONS ARE TO BE SUBMITTED TO DSA DISTRICT STRUCTURAL ENGINEER.
- GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD AND ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES.
- SAFETY DURING CONSTRUCTION SHALL COMPLY WITH CFC CHAPTER 33.
- THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS IS THAT THE WORK OF THE ALTERATION, REHABILITATION, OR RECONSTRUCTION IS TO BE IN ACCORDANCE WITH TITLE 24, CCR. SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OR NON-COMPLYING CONSTRUCTION BE DISCOVERED WHICH IS NOT COVERED BY THE DSA APPROVED CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24, CCR, A CONSTRUCTION CHANGE DOCUMENT (CCD), OR A SEPARATE SET OF PLANS AND SPECIFICATIONS DETAILING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE WORK. (SECTION 4-317(C), PART 1, TITLE 24, CCR).

- CONTRACTOR IS TO REVIEW AND COMPLY WITH ALL REQUIREMENTS AND MITIGATION MEASURES SET FORTH IN BOTH THE ENVIRONMENTAL IMPACT REPORT (EIR) AND THE ENVIRONMENTAL IMPACT STATEMENT (EIS) INCLUDING ATTACHED BIOLOGICAL RESOURCES TECHNICAL REPORT.
- NO DUMPING OR PLACING OF ANY DIRT OR DEBRIS SHALL BE ALLOWED OUTSIDE OF THE CONTRACTORS LIMIT OF WORK AREA.

CODES

PARTIAL LIST OF APPLICABLE CODES

2022	CALIFORNIA ADMINISTRATIVE CODE, PART 1, TITLE 24 C.C.R.
2019	CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R.
2019	2019 INTERNATIONAL BUILDING CODE VOLUMES 1 & 2 AND 2016 CALIFORNIA AMENDMENTS)
2019	CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R.
2019	2014 NATIONAL ELECTRICAL CODE AND 2016 CALIFORNIA AMENDMENTS)
2019	CALIFORNIA MECHANICAL CODE (CMC) PART 4, TITLE 24 C.C.R.
2019	2015 UNIFORM MECHANICAL CODE AND 2016 CALIFORNIA AMENDMENTS)
2019	CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R.
2019	2015 UNIFORM PLUMBING CODE AND 2016 CALIFORNIA AMENDMENTS)
2019	CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24 C.C.R.
2019	CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C.R.
2019	2015 INTERNATIONAL FIRE CODE AND 2016 CALIFORNIA AMENDMENTS)
2019	CALIFORNIA EXISTING BUILDING CODE (CEBC), PART 10, TITLE 24 CCR
2019	2015 INTERNATIONAL EXISTING CODE AND 2016 CALIFORNIA AMENDMENTS)
2019	CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN), PART 11, TITLE 24 C.C.R.
2019	CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 C.C.R.
2019	TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS.
2019	ASME A17.1/BS4-13 SAFETY CODE FOR ELEVATORS AND ESCALATORS

PARTIAL LIST OF APPLICABLE STANDARDS

NFPA 13	STANDARD FOR AUTOMATIC FIRE SPRINKLER SYSTEMS (CA AMENDED)	2016 ED.
NFPA 14	STANDARD FOR STANDPIPE	2013 ED.
NFPA 17	STANDARD FOR DRY CHEMICAL EXTINGUISHING SYSTEMS	2013 ED.
NFPA 17A	STANDARD FOR WET CHEMICAL EXTINGUISHING SYSTEMS	2013 ED.
NFPA 20	STANDARD FOR WATER TANKS OR PRIVATE FIRE PROTECTION	2016 ED.
NFPA 22	STANDARD FOR FIRE PROTECTION STANDARD FOR THE INSTALLATION OF PRIVATE FIRE	2016 ED.
NFPA 24	STANDARD FOR PRIVATE FIRE APPURTENANCES	2016 ED.
NFPA 72	NATIONAL FIRE ALARM & SIGNALING CODE (CA AMENDED)	2016 ED.
NFPA 80	STANDARD FOR FIRE DOORS AND OTHER OPENING PROTECTIVES	2016 ED.
NFPA 2001	STANDARD FOR CLEAN AGENT FIRE EXTINGUISHING SYSTEMS	2015 ED.
UL 300	STANDARD FOR FIRE TESTING OF FIRE EXTINGUISHING SYSTEMS FOR PROTECTION OF COMMERCIAL COOKING EQUIPMENT	2005 ED.
UL 464	AUDIBLE SIGNAL APPLIANCES FOR FIRE ALARM AND SIGNALING SYSTEMS, INCLUDING ACCESSORIES	2003 ED.
UL 521	STANDARD FOR HEAT DETECTORS	1999 ED.
UL 1971	STANDARD FOR SIGNALING DEVICES FOR THE HEARING IMPAIRED	2002 ED.
ICC 300	STANDARD FOR BLEACHERS, FOLDING AND TELESCOPING SEATING AND GRANDSTANDS	2012 ED.

FOR A COMPLETE LIST OF APPLICABLE NFPA STANDARDS REFER TO 2016 CBC (SFM) CHAPTER 35 AND CALIFORNIA FIRE CODE CHAPTER 80. SEE CALIFORNIA BUILDING CODE, CHAPTER 35 FOR STATE OF CALIFORNIA AMENDMENTS TO NFPA STANDARDS.

STATEMENT OF GENERAL CONFORMANCE

() THE DRAWINGS OR SHEETS LISTED ON THE INDEX SHEET FOR MODULAR CLASSROOM BUILDING
() THIS DRAWING PAGE OF SPECIFICATIONS/CALCULATIONS

HAVE BEEN PREPARED BY OTHER DESIGN PROFESSIONALS OR CONSULTANTS WHO ARE LICENSED AND/OR AUTHORIZED TO PREPARE SUCH DRAWINGS IN THIS STATE. IT HAS BEEN EXAMINED BY ME FOR:

- DESIGN INTENT AND APPEARS TO MEET THE APPROPRIATE REQUIREMENTS OF TITLE 24, CALIFORNIA CODE OF REGULATIONS AND THE PROJECT SPECIFICATIONS PREPARED BY ME, AND
 - COORDINATION WITH MY PLANS AND SPECIFICATIONS AND IS ACCEPTABLE FOR INCORPORATION INTO THE CONSTRUCTION OF THIS PROJECT.
- THE STATEMENT OF GENERAL CONFORMANCE "SHALL NOT BE CONSTRUED AS RELIEVING ME OF MY RIGHTS, DUTIES, AND RESPONSIBILITIES UNDER SECTIONS 17800 AND 11138 OF THE EDUCATION CODE AND SECTIONS 4-336, 4-341 AND 4-344" OF TITLE 24, PART 1, (TITLE 24, PART 1, SECTION 4-317 (B)).

I CERTIFY THAT:

THE PC APPROVED MANUFACTURER DRAWINGS PC04-113886 LISTED ON THE INDEX SHEET ARE IN GENERAL CONFORMANCE WITH THE PROJECT DESIGN INTENT, AND THEY HAVE BEEN COORDINATED WITH THE PROJECT PLANS AND SPECIFICATIONS.

SIGNATURE:  12/6/2022 DATE

ARCHITECT OR ENGINEER DESIGNATED TO BE IN GENERAL RESPONSIBLE CHARGE

Michael C. Rath

PRINT NAME

C-25193

LICENSE NUMBER

07/31/23

EXPIRATION DATE



PROJECT DESCRIPTION

- CONSTRUCTION DOCUMENTS DESCRIBE THE PRODUCTS, SYSTEMS, QUANTITIES, CONFIGURATION, AND PERFORMANCE SPECIFICATIONS THAT DELIVER THE OVERALL DESIGN INTENT OF THE PROJECT.

CONSTRUCTION OF GRASS PLAYFIELDS AND FENCING

PROJECT DATA

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SHEET INDEX

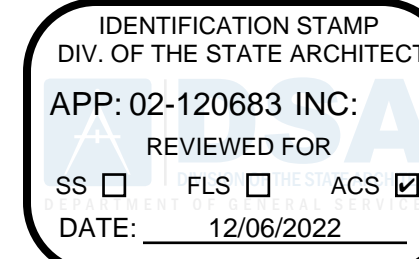
GENERAL

- | | |
|-------|------------------------------|
| G0.11 | COVER SHEET |
| G0.12 | SHEET INDEX AND PROJECT DATA |
| G0.12 | CODE INFORMATION SITE PLAN |
- CIVIL
- | | |
|------|----------------------------------|
| C0.1 | CIVIL COVER SHEET |
| C1.1 | TOPOGRAPHIC SURVEY |
| C2.1 | GRADING, PAVING AND UTILITY PLAN |
| C3.1 | DETAILS AND SECTIONS |

LANDSCAPE

- | | |
|------|-----------------------------------|
| L0.1 | SITE PLAN |
| L0.2 | SITE ENLARGEMENTS |
| L1.1 | LANDSCAPE TREE PLANTING PLAN |
| L2.1 | LANDSCAPE SHRUB PLANTING PLAN |
| L3.1 | LANDSCAPE IRRIGATION PLAN |
| L4.1 | SITE DETAILS |
| L4.2 | LANDSCAPE PLANTING DETAILS |
| L4.3 | LANDSCAPE IRRIGATION DETAILS |
| L4.4 | LANDSCAPE IRRIGATION DETAILS |
| L5.1 | LANDSCAPE IRRIGATION CALCULATIONS |
- TOTAL SHEET COUNT: 17

AGENCY APPROVAL:



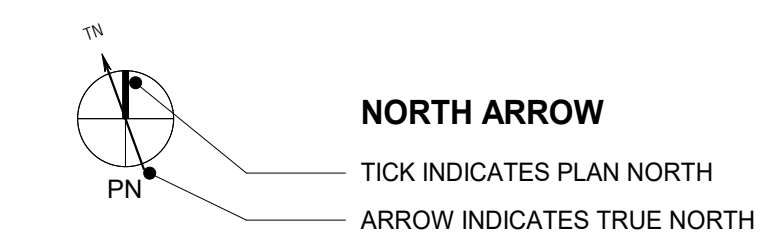
3535003108

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SACRAMENTO, CA 95816
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ISSUE

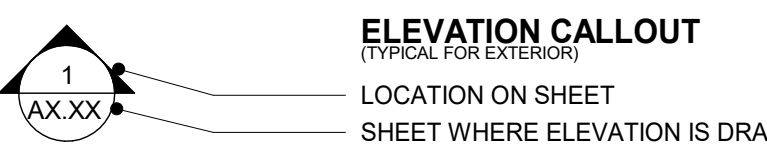
DESCRIPTION DATE

SYMBOL LEGEND



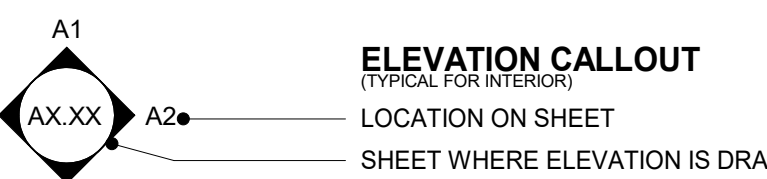
NORTH ARROW

TICK INDICATES PLAN NORTH
ARROW INDICATES TRUE NORTH



ELEVATION CALLOUT

(TYPICAL FOR EXTERIOR)
LOCATION ON SHEET
SHEET WHERE ELEVATION IS DRAWN



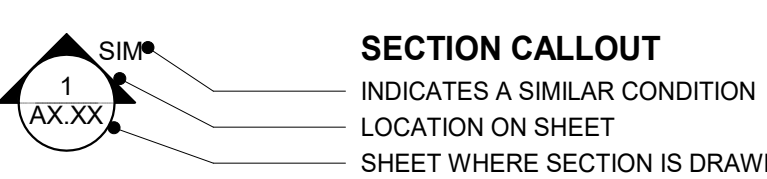
ELEVATION CALLOUT

LOCATION ON SHEET
SHEET WHERE ELEVATION IS DRAWN



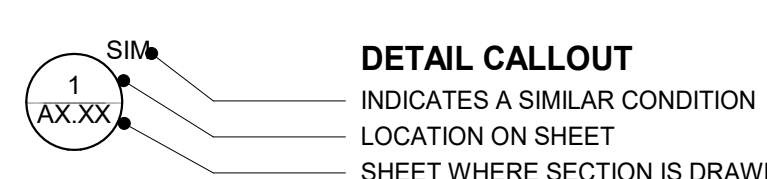
ELEVATION CALLOUT - ALT.

FOR EXTERIOR AND INTERIOR
LOCATION & SHEET WHERE ELEVATION IS DRAWN



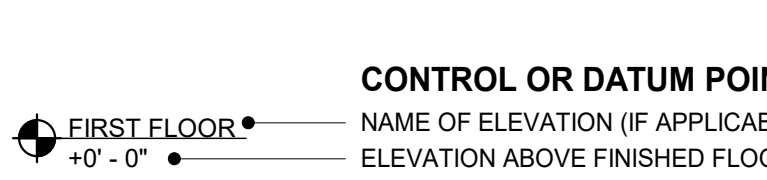
SECTION CALLOUT

INDICATES A SIMILAR CONDITION
LOCATION ON SHEET
SHEET WHERE SECTION IS DRAWN



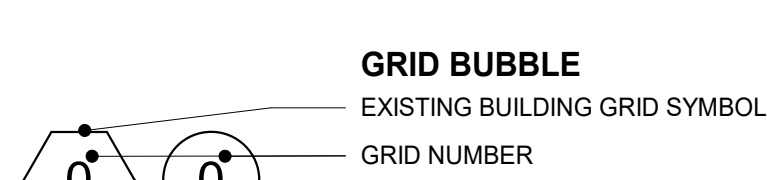
DETAIL CALLOUT

INDICATES A SIMILAR CONDITION
LOCATION ON SHEET
SHEET WHERE SECTION IS DRAWN



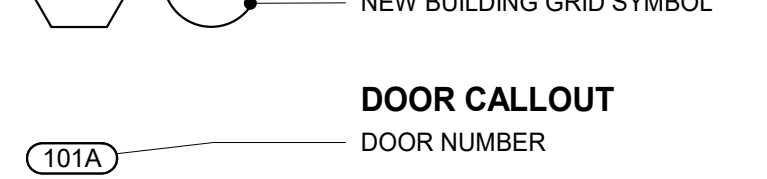
CONTROL OR DATUM POINT

NAME OF ELEVATION (IF APPLICABLE)
ELEVATION ABOVE FINISHED FLOOR



GRID BUBBLE

EXISTING BUILDING GRID SYMBOL
GRID NUMBER
NEW BUILDING GRID SYMBOL



DOOR CALLOUT

DOOR NUMBER



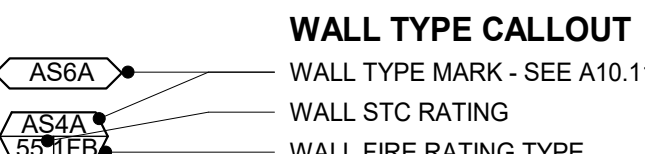
INTERIOR FINISH CALLOUT

MATERIAL FINISH TYPE
(SEE FINISH SCHEDULE)



WINDOW CALLOUT

WINDOW NUMBER
(SEE WINDOW SCHEDULE)



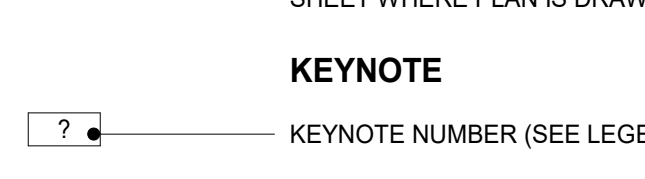
WALL TYPE CALLOUT

WALL TYPE MARK - SEE A10.11
WALL STC RATING
WALL FIRE RATING TYPE



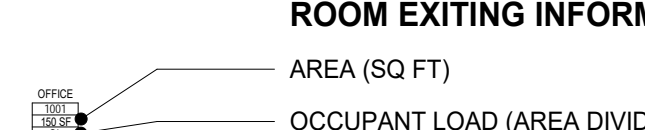
MATCHLINE REFERENCE

LOCATION ON SHEET
SHEET WHERE PLAN IS DRAWN



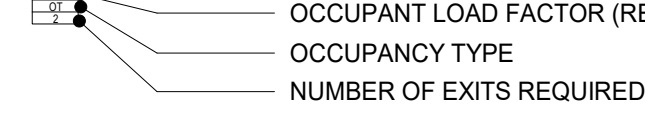
KEYNOTE

KEYNOTE NUMBER (SEE LEGEND ON SHEET)



ROOM EXITING INFORMATION

AREA (SQ FT)
OCCUPANT LOAD (AREA DIVIDED BY LOAD FACTOR)
OCCUPANT LOAD FACTOR (REFER TO TABLE 1004.1.1)



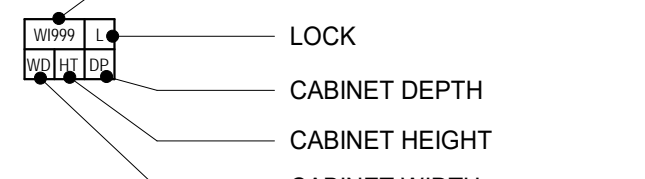
OCCUPANCY TYPE

NUMBER OF EXITS REQUIRED (REFER TO TABLE 1015.1)



WIC CASEWORK TAG

MANUFACTURER REFERENCE AND MODEL NUMBER



LOCK

CABINET DEPTH
CABINET HEIGHT
CABINET WIDTH



DISCIPLINE

0 GENERAL
1 CIVIL
2 LANDSCAPE
3 ARCHITECTURE
4 INTERIORS
5 EQUIPMENT
6 STRUCTURAL
7 PLUMBING
8 MECHANICAL
9 ELECTRICAL
10 FIRE ALARM
11 TELECOM
12 AV EQUIPMENT
13 KITCHEN
14 FIRE PROTECTION

SHEET TYPE

0 CODE ANALYSIS/NOTES
1 SITE PLAN
2 FLOOR PLAN
3 CEILING PLAN
4 ROOF PLAN
5 EXTERIOR ELEVATIONS
6 SECTIONS
7 ENLARGED PLANS
8 INTERIOR ELEVATIONS
9 SCHEDULES
10 DETAILS

BUILDING LETTER, SEGMENT, (USER DEFINED)

IF NOT COLUMN IS OMITTED

DISCIPLINE SHEET TYPE SERIES / ORDER (IF APPLICABLE) USER DEFINED (IF APPLICABLE)

A A 1. 1 1 A. A

BUILDING LETTER (IF APPLICABLE) FLOOR LEVEL OR ORIENTAL ORDER SEGMENT (IF APPLICABLE)

ABBREVIATIONS

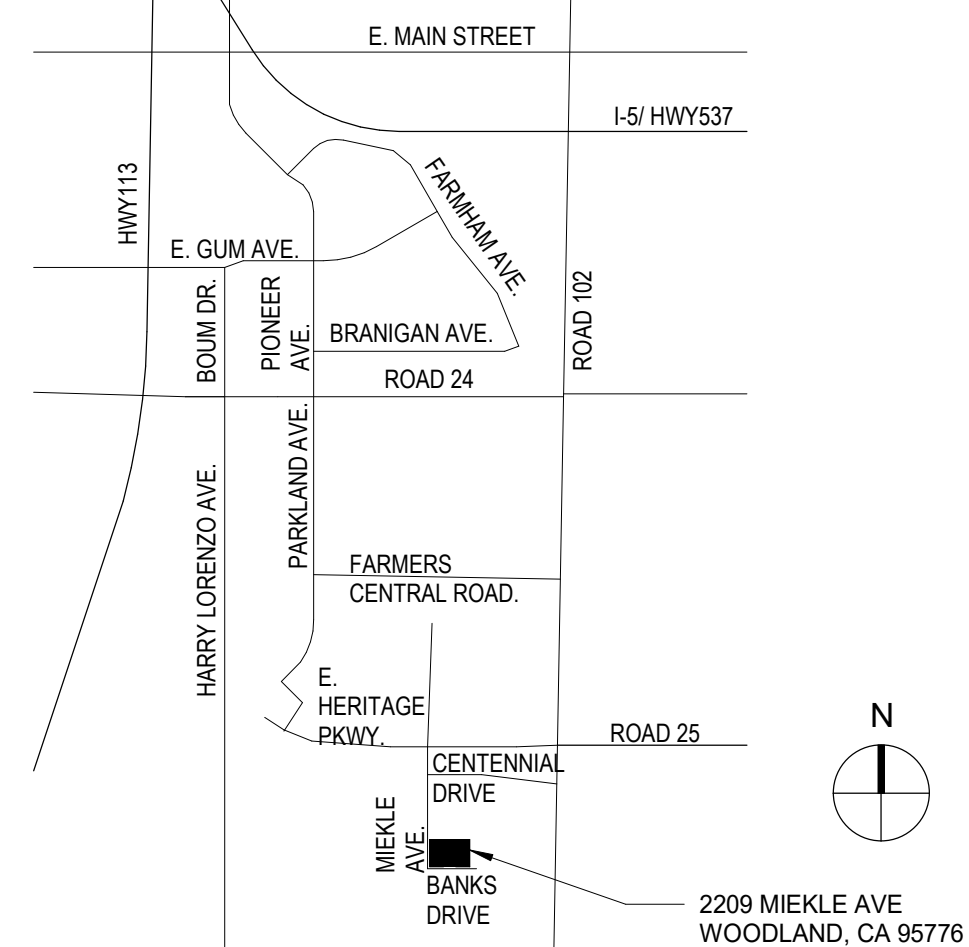
(E) EXISTING	FRP FIBERGLASS REINFORCED PLASTIC	PTC POST TENSIONED CONCRETE
AB ANCHOR BOLT	FRT FIRE RETARDANT TREATED	PTD PAPER TOWEL DISPENSER
AC PAVING	FS FINISH SURFACE	PTN PARTITION
ACC ACCESS/ACCESSIBLE	FTGS FOOTING	PTS PNEUMATIC TUBE STATION / SYSTEM
ACP ACOUSTICAL CEILING PANEL	GB GRAB BAR	PVC POLYVINYL CHLORIDE
ACT ACOUSTICAL CEILING TILE	GFCR GLASS FIBER REINFORCED CONCRETE	PVMT PAVEMENT
ADJ ADJACENT/ADJUSTABLE	GL GLASS TYPE	QT QUARRY TILE
AFF ABOVE FINISH FLOOR	GLB GLUE LAMINATED BEAM	R RADIUS, RISER
AGG AGGREGATE	GYP BD GYPSUM BOARD	RES RESILIENT BASE
AHU AIR HANDLING UNIT	GYP PLAS GYPSUM PLASTIC	ROOF DRAIN
ARCH ARCHITECTURAL	HB HOSE BIBB	RECEPT
ATT ATTENUATION	HD HEAVY DUTY	REF REFLECTOR
AUTO AUTOMATIC	HDR HEADER	REFL REFLECTED(ED), (IVE)
BD BOARD	HDWR HARDWARE	REFL REFLECTED(ED), (IVE)
BLCG BLOCKING	HGT HEIGHT	REFR REFRACTOR
BUR BUILT UP ROOFING	HM HOLLOW METAL	REINFORCEREINFORCED/
CAB CABINET	HP HIGH POINT	REINFORCEMENT
CUBIC CUBIC FEET	ID INSIDE DIAMETER	REMOVE
CFCI CONTRACTOR FURNISHED, CONTRACTOR INSTALLED	INT INTERIOR	RH ROUND HEAD
CFOI CONTRACTOR FURNISHED, OWNER INSTALLED	INV INVERT	RHS ROUND HEAD SCREW
CG CORNER GUARD	LANDS LANDSCAPE	RO ROUGH OPENING
CJ CONTROL JOINT	LAV LAVATORY	ROW RIGHT OF WAY
CL CENTER LINE	LLH LONG LEG HORIZONTAL	SCH SCHEDULE (FOR PIPE)
CLF CHAIN LINK FENCE	LLV LONG LEG VERTICAL	SCHED SCHEDULE / SCHEDULING
CLR CLEAR	LP LOW POINT	SD STORM DRAIN / SOAP DISPENSER
CMU CONCRETE MASONRY UNIT	LT WT LIGHT WEIGHT	SECT SECTION
CLG CEMENT	LVR LOUVER	SAFETY GLASS
COMP COMPRESSION / COMPOSITE	MACH MACHINE	SHT SHEET
COORD COORDINATE	MB MACHINE BOLT	SHTG SHEATHING
CORR CORRUGATED	MD MEDIUM DENSITY FIBERBOARD	SMS SHEET METAL SCREW
CT CERAMIC TILE	MDO MEDIUM DENSITY OVERLAY	SND SANITARY NAPKIN DISPOSAL
CTSK COUNTER SKUNK	MED MEDIUM	SOV SHUT OFF VALVE
CW CURTAINWALL	MEMB MEMBRANE	SPEC SPECIFICATIONS
DEPR DEPRESSION / DEPRESSION	MFR MANUFACTURER	SS STAINLESS STEEL
DF DRINKING FOUNTAIN	MH MANHOLE	STC SOUND TRANSMISSION CLASS
DM DIMENSION	MO MASONRY OPENING	STL STEEL
DISP DISPENSER	MNT MOUNTED	STMS SELF TAPPING SHEET METAL
DS DOWNSPOUT	MTL METAL	SCREW
DTL DETAIL	NIC NOT IN CONTRACT	SUSP SUSPENDED
DW DISHWASHER	NH NON RATED	SV SHEET VINYL
EW EACH WAY	NRC NOISE REDUCTION COEFFICIENT	SYM SYMMETRICAL
EIFS EXTERIOR INSULATION FINISH SYSTEM	NTS NOT TO SCALE	T TREAD
EJ EXPANSION JOINT	O/A OVERALL	T&B TOP AND BOTTOM
ELEC ELECTRICAL	OC ON CENTER	TO TOP OF
ELEV ELEVATION / ELEVATOR	OD OUTSIDE DIAMETER	TOC TOP OF CURB / CONCRETE
ENCL ENCLOSE / ENCLOSURE	OF OWNER FURNISHED, CONTRACTOR INSTALLED	TOP TOP OF PARAPET
EOE OWNER FURNISHED, OWNER INSTALLED	OFVI OWNER FURNISHED, VENDOR INSTALLED	TOS TOP OF STEEL
EP OPPOSITE HAND	OFV OWNER FURNISHED, VENDOR INSTALLED	TOP OF WALL
OPER OPERABLE	OHV OWNER FURNISHED, VENDOR INSTALLED	TPD TOILET PAPER DISPENSER
OPEN OPENING	OHV OWNER FURNISHED, VENDOR INSTALLED	TS TACKABLE SURFACE
ORD OVERFLOW ROOF DRAIN	OFV OWNER FURNISHED, VENDOR INSTALLED	UC UNDER CABINET (OR COUNTER UNLESS NOTED OTHERWISE)
PIL PROPERTY LINE	OFV OWNER FURNISHED, VENDOR INSTALLED	UR URINAL
PA PUBLIC ADDRESS	OFV OWNER FURNISHED, VENDOR INSTALLED	VAC VACUUM
PAF POWDER ACTUATED FASTENER	OFV OWNER FURNISHED, VENDOR INSTALLED	VB VAPOR BARRIER
PVC PAVING	OFV OWNER FURNISHED, VENDOR INSTALLED	VCT VINYL COMPOSITION TILE
PORTLAND PORTLAND CEMENT CONCRETE	OFV OWNER FURNISHED, VENDOR INSTALLED	VIF VERIFY IN FIELD
PED PEDESTRIAN	OFV OWNER FURNISHED, VENDOR INSTALLED	VTR VENT THROUGH ROOF
PERF PERFORATED	OFV OWNER FURNISHED, VENDOR INSTALLED	VWC VINYL WALL COVERING
PERIM PERIMETER	OFV OWNER FURNISHED, VENDOR INSTALLED	W WITH
PERP PERPENDICULAR	OFV OWNER FURNISHED, VENDOR INSTALLED	W/O WITHOUT
PH PANG HARDWARE	OFV OWNER FURNISHED, VENDOR INSTALLED	WB WOOD BASE
PV POST INDICATOR VALVE	OFV OWNER FURNISHED, VENDOR INSTALLED	WC WATER CLOSET
PL PLATE	OFV OWNER FURNISHED, VENDOR INSTALLED	WD WOOD
PLAM PLASTIC LAMINATE	OFV OWNER FURNISHED, VENDOR INSTALLED	WDW WINDOW
PLAS PLASTER	OFV OWNER FURNISHED, VENDOR INSTALLED	WEIGHT WEIGHT
PLUMB PLUMBING	OFV OWNER FURNISHED, VENDOR INSTALLED	WH WATER HEATER
PNL PANEL	OFV OWNER FURNISHED, VENDOR INSTALLED	WP WATERPROOFING/WALL PROTECTION
PNT PAINT / PAINTED	OFV OWNER FURNISHED, VENDOR INSTALLED	WR WATER RESISTANT
POC POINT OF CONNECTION	OFV OWNER FURNISHED, VENDOR INSTALLED	WRS WATER RESISTANT GYPSUM BOARD
POL Y ISO POLYSTYROLENATE	OFV OWNER FURNISHED, VENDOR INSTALLED	WS WOOD SCREW
PREP PREP / PREPARATION	OFV OWNER FURNISHED, VENDOR INSTALLED	WSC WAINSCOT
	OFV OWNER FURNISHED, VENDOR INSTALLED	WWF WELDED WIRE FABRIC

NOTE: OTHER ABBREVIATIONS USED ON THESE DRAWINGS ARE CONSIDERED STANDARDS IN THE BUILDING INDUSTRY. CONTACT ARCHITECT FOR NECESSARY CLARIFICATION.

STATE MAP



VICINITY MAP



FACILITY:

2209 MIEKLE AVE
WOODLAND, CA 95776

PROJECT:

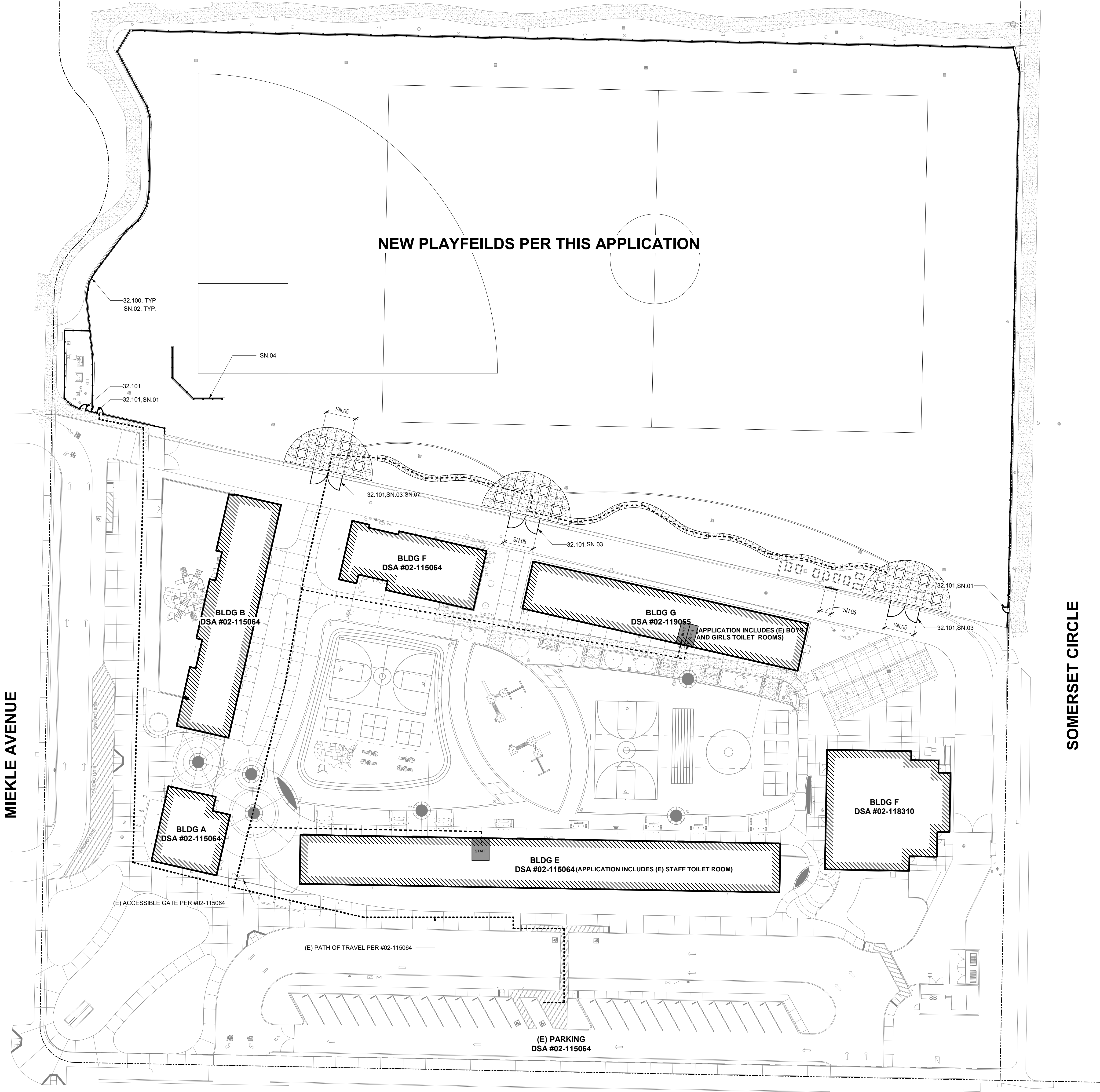
SPRING LAKE ES - PLAYFIELDS

SHEET NAME:

SHEET INDEX AND PROJECT DATA

DATE: 12/01/22

THE LINE SHOWN ABOVE IS
PROPERTY LINE
12/1/2022 11:07:51 AM
T:\Projects\3535 Woodland JUSD\003-108_Spring Lake ES Playfield\06 BIM CAD\03 REV\1355003108 WJUSD Spring Lake ES Play Fields - NEW.rvt



LEGEND

- PROPERTY LINE
- UNIT DESIGNATION
- EXISTING BUILDINGS
- EXPANSION JOINT
- CONCRETE WALK / PAVING
- CONTROL JOINT
- ASPHALT CONCRETE PAVING
- CHAIN LINK FENCE
- TRUNCATED DOMES
- ACCESSIBLE PATH OF TRAVEL

- SITE WALKWAYS SHALL PROVIDE A BARRIER-FREE P.O.T. ABRUPT CHANGES IN LEVEL ALONG ANY P.O.T. ARE ALLOWED UP TO 1/2". ONLY ABRUPT CHANGES IN ELEVATION UP TO 1/4" ARE ALLOWED TO HAVE A VERTICAL TRANSITION. ABRUPT CHANGES IN ELEVATION BETWEEN 1/4" AND 1/2" SHALL BE BEVELED WITH A SLOPE, NO GREATER THAN 1-UNIT VERTICAL TO 2-UNITS HORIZONTAL.
- WALKWAYS SHALL BE FREE OF GRATINGS WHEREVER POSSIBLE. GRATINGS WHICH OCCUR WITHIN THE P.O.T. SHALL HAVE OPENINGS WHICH DO NOT EXCEED 1/2" IN THE DIRECTION OF TRAVEL PER CBC SECTION 11B-302.3.
- AN ABRUPT DROP-OFF CHANGE IN ELEVATION AT THE EDGE OF ANY WALK INTO AN ADJACENT PLANTER SHALL NOT EXCEED 4".
- SLOPES IN THE DIRECTION OF THE P.O.T. GREATER THAN 1-UNIT VERTICAL TO 20-UNITS HORIZONTAL SHALL BE CONSIDERED A RAMP AND WILL REQUIRE HANDRAILS ON BOTH SIDES PER CBC SECTION 11B-306 SLOPES IN THE DIRECTION OF THE P.O.T. ALONG WALKWAYS SHALL NOT EXCEED 5%. CROSS SLOPES IN THE P.O.T. ALONG WALKWAYS SHALL NOT EXCEED 2%.
- ALL WALKWAYS WITHIN THE P.O.T. SHALL BE A MINIMUM OF 48" IN WIDTH. SURFACES WITH A SLOPE OF 5% OR LESS SHALL BE AT LEAST AS SLIP-RESISTANT AS THAT PROVIDED BY A LIGHT BROOM FINISH. SURFACES WITH A SLOPE OF MORE THAN 5% SHALL BE AT LEAST AS SLIP-RESISTANT AS THAT PROVIDED BY A MEDIUM BROOM FINISH.
- OBJECTS PROTRUDING INTO THE P.O.T. SHALL NOT REDUCE THE CLEAR WIDTH OR MANEUVERING SPACE WITHIN THE P.O.T. PER CBC SECTION 11B-307.
- PASSING SPACES (11B-403.5.3) OF 60" X 60" MIN. ARE LOCATED NOT MORE THAN 200' APART. WALKS WITH CONTINUOUS GRADIENTS SHALL HAVE 60" IN LENGTH LEVEL RESTING AREAS (11B-403.7) NOT MORE THAN 400' APART. P.O.T. SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MIN (11B-307.4) AND FREE OF PROTRUDING OBJECTS (11B-307) GREATER THAN 4" PROJECTION FROM WALL ABOVE 27" AND LESS THAN 80". OBJECTS PROTRUDING INTO THE P.O.T. SHALL NOT REDUCE THE CLEAR WIDTH OR MANEUVERING SPACE REQUIRED FOR ACCESSIBLE ROUTES (11B-307.5).

EXISTING PATH OF TRAVEL (POT): ARCHITECT STATEMENT

DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE IN CHARGE STATEMENT: THE POT IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS IS COMPLIANT WITH THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS AND STRUCTURAL REPAIRS. AS PART OF THE DESIGN OF THIS PROJECT, THE POT WAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WERE DETERMINED TO BE NON-COMPLIANT:

- HAVE BEEN IDENTIFIED AND
- THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLIANCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THIS PROJECTS WORK THROUGH DETAILS, DRAWINGS, AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS.

ANY NONCOMPLIANT ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLD LIMITATIONS OR A FINDING OF UNREASONABLE HARDSHIP ARE SO INDICATED IN THESE CONSTRUCTION DOCUMENTS.

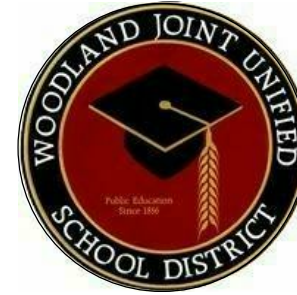
DURING CONSTRUCTION, IF POT ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CODE COMPLIANT ARE FOUND TO BE NON-CONFORMING BEYOND REASONABLE CONSTRUCTION TOLERANCES, THEY SHALL BE BROUGHT TO COMPLIANCE WITH THE CBC AS PART OF THIS PROJECT BY MEANS OF A CONSTRUCTION CHANGE DOCUMENT.

ACCESSIBLE PARKING STALL CALCULATION

TOTAL PARKING STALL COUNT:	26 STALLS
ACCESSIBLE PARKING STALLS:	(TABLE 11B-208.2)
REQUIRED ACCESSIBLE STALLS:	
REQUIRED VAN ACCESSIBLE STALLS:	
ACCESSIBLE STALLS PROVIDED:	1 STANDARD & 1 VAN

AGENCY APPROVAL:

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-120683 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☒
DATE: 12/06/2022



3535003108

2101 CAPITOL AVE,
SUITE 100
SACRAMENTO, CA 95816
916-368-7990 / www.hmcarchitects.com



ISSUE

DESCRIPTION	DATE
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KEYNOTES

- 32.100 CHAIN LINK FENCE: VINYL COATED
- 32.101 CHAIN LINK GATE: VINYL COATED

SHEET NOTES

- SN.01 4'-0" W X 6'-0" H GATE W/ LEVER AND KICK PLATE
- SN.02 6'-0" H FENCE
- SN.03 PR 10'-0" W X 6'-0" H GATE
- SN.04 HOODED BASEBALL BACKSTOP, 19'-6" H X 34'-0" W, W/ MESH AND 2-7/8" POSTS, SERIES 35T AS MANUFACTURED BY STEELCRAFT, OR EQUAL. FINISH SHALL BE POWDER COATED, COLOR SHALL BE AS SELECTED BY ARCHITECT.
- SN.05 REMOVE (E) GATES. REMOVE (E) FENCING AND POSTS TO THE EXTENT NECESSARY TO INSTALL NEW GATES
- SN.06 REMOVE (E) GATES. INSTALL POSTS AND VINYL COATED CHAINLINK FABRIC TO INFILL FENCE LINE. HEIGHT SHALL MATCH EXISTING
- SN.07 GATE SHALL REMAIN OPEN DURING SCHOOL HOURS

FACILITY:

2209 MIEKLE AVE
WOODLAND, CA 95776

PROJECT:
SPRING LAKE ES - PLAYFIELDS

SHEET NAME:
CODE INFORMATION SITE PLAN

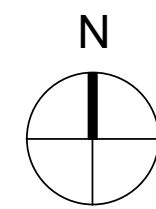
DATE: 12/01/2022

CLIENT PROJ NO: 3535003108

SHEET:

1 CODE INFORMATION SITE PLAN

1" = 30'-0"



PLEASE RECYCLE

G0.12

EXISTING UTILITIES

	= storm drain line (size & direction of flow)
	= storm drain line (record information)
	= storm drain line (UNDERGROUND LOCATING)
	= storm drain manhole
	= storm drain cleanout
	= drop inlet
	= AREA DRAIN
	= RAIN WATER LEADER
	= downspout
	= sanitary sewer line (size & direction of flow)
	= sanitary sewer line (record information)
	= sanitary sewer line (UNDERGROUND LOCATING)
	= sanitary sewer manhole
	= sanitary sewer cleanout
	= water line (size indicated)
	= water line (record information)
	= water line (UNDERGROUND LOCATING)
	= water manhole
	= water valve
	= water meter
	= water box
	= IRRIGATION CONTROL VALVE
	= FIRE HYDRANT
	= backflow preventer
	= SPRINKLER
	= hose bibb
	= OVERHEAD ELECTRIC LINE
	= UNDERGROUND ELECTRIC LINE
	= UNDERGROUND ELECTRIC LINE (record information)
	= UNDERGROUND ELECTRIC LINE (UNDERGROUND LOCATING)
	= ELECTRIC MANHOLE
	= UTILITY POLE (WITH GUY WIRE)
	= ELECTRIC METER
	= ELECTRIC BOX
	= STREET LIGHTING BOX
	= LIGHT STANDARD
	= SIGNAL LIGHT
	= FLOOD LIGHT
	= ELECTRICAL OUTLET
	= GAS LINE (SIZE INDICATED)
	= GAS LINE (record information)
	= GAS LINE (UNDERGROUND LOCATING)
	= GAS MANHOLE
	= GAS VALVE
	= GAS METER
	= telephone line
	= telephone line (record information)
	= telephone line (UNDERGROUND LOCATING)
	= STORM DRAIN BOX
	= TRAFFIC SIGNAL BOX

EXISTING TOPOGRAPHY

	= PROPERTY LINE
	= CENTERLINE
	= easement
	= PROPERTY CORNER FOUND AS NOTED
	= PROPERTY CORNER NOTHING FOUND OR SET
	= TEMPORARY BENCHMARK (SEE TBM LIST FOR INFO)
	= SWALE OR DRAINAGE FLOW
	= DRAINAGE FLOW
	= FENCE (TYPE NOTED)
	= TREE (SIZE/TYPE INDICATED)
	= SLOPE
	= CONTOUR
	= CONCRETE SURFACE
	= EDGE OF ASPHALT
	= EDGE OF BUILDING
	= SIGN
	= POST OR BOLLARD
	= GROUND ELEVATION
	= HARD SURFACE ELEVATION

ABBREVIATIONS

NOTE: NOT ALL ABBREVIATIONS MAY BE USED ON THESE PLANS.

??	unknown	DI	DEPTH	ICP	irrigation control PANEL	s/w	sidewalk
ac	ACCESSIBLE	df	drinking fountain	icv	irrigation control valve	sd	storm drain
acC	asphaltic concrete	dg	decomposed granite	inv	pipe invert elevation	sdh	storm drain manhole
ad	air conditioning unit	di	drop inlet	irr	irrigation	sig	SIGNAL
apn	assessor's parcel number	ds	downspout	jp	joint utility pole	SL	STREET LIGHT
as	area drain	dr	drawing	lt	lineal feet	slb	street light box
at	air release valve	ds	downspout	lndg	low voltage ELECTRIC	ss	sanitary sewer
bch	basketball pole	dwg	drawing	M	METAL	sscp	sanitary sewer cleanout
bfp	backflow preventer	ep	edge of pavement	mb	manhole	ssph	sanitary sewer manhole
bl	BLK	esmt	easement	MS	MOW STRIP	std	standard
blg	building	ex	existing	MSC	METAL STORAGE CONTAINER	stl	STEEL
blldg	building	f	fire line	nt	not to scale	t	TELEPHONE
bldg	building	fb	fire hydrant	ob	OVERHEAD	tall	tether ball pole
bldg	building	fd	fire department connection	OHANG	OPEN IRON PIPE	tBM	TEMPORARY BENCHMARK
br	BRICK	ffe	finished floor elevation	OSP	OLD STEEL POST HOLE	tc	top of curb
bv	blow-off valve	fl	flowline	p/l	property line	tOW	top of wall
br	BRICK	fo	fiber optic	PA	PLANTER AREA	tp	telephone pole
brw	BARBED WIRE FENCE	fs	fire service	pd	planter drain	trw	top of retaining wall
C	COMMUNICATION	G	GAS	PH	POSTHOLE	ug	underground
CAB	CABINET	gb	GRADE BREAK	piv	post indicator valve	UW	unless otherwise noted
CATV	CABLE TELEVISION	gr	grate	pp	power pole	vball	volleyball
CB	CATCH BASIN	grb	GROUND RUD BOX	prkg	parking	w	with
CIP	CAPPED IRON PIPE	grd	grade elevation	pu	public utility easement	w/o	without
CL	CHAIN LINK FENCE	grd	ground rod	pvc	polyvinyl chloride	wd	wood
CLF	CLF	gv	gas valve	R	RUBBER	wf	wrought iron fence
co	cleanout	HD	HEADER BOARD	rim	manhole rim elevation	xf	TRANSFORMER
col	COLUM	HP	HIGH PRESSURE	row	right of way	xwalk	crosswalk
conc.	concrete	IR	IR	rw	REDUCED PRESSURE BACKFLOW PREVENTER		
cond.	condensate	IC	IN CONCRETE	RWALL	RAIN WATER LEADER		
const.	construct						
cp	control point found						
CS	CONCRETE SURFACE						

ABBREVIATIONS

NOTE: NOT ALL ABBREVIATIONS MAY BE USED ON THESE PLANS.

AB	AGGREGATE BASE	DI	DEPTH	ICP	irrigation control PANEL	s/w	sidewalk
AC	ASPHALTIC CONCRETE	df	drinking fountain	icv	irrigation control valve	sd	storm drain
AD	AREA DRAIN	dg	decomposed granite	inv	pipe invert elevation	sdh	storm drain manhole
APN	ASSESSOR'S PARCEL NUMBER	di	drop inlet	irr	irrigation	sig	SIGNAL
ARV	AIR RELEASE VALVE	ds	downspout	jp	joint utility pole	SL	STREET LIGHT
ASB	AGGREGATE SUB-BASE	dr	drawing	lt	lineal feet	slb	street light box
BO	BLOW-OFF VALVE	ds	downspout	lndg	low voltage ELECTRIC	ss	sanitary sewer
BV	BUTTERFLY VALVE	dwg	drawing	M	METAL	sscp	sanitary sewer cleanout
BW	BACK OF WALK	ep	edge of pavement	mb	manhole	ssph	sanitary sewer manhole
C/L	CENTERLINE	esmt	easement	MS	MOW STRIP	std	standard
CB	CATCH BASIN	f	fire line	MSC	METAL STORAGE CONTAINER	stl	STEEL
CJ	CONTROL JOINT	fb	fire hydrant	nt	not to scale	t	TELEPHONE
CL	CLASS	fd	fire department connection	OB	OVERHEAD	tall	tether ball pole
CMP	CORRUGATED METAL PIPE	ffe	finished floor elevation	OHANG	OPEN IRON PIPE	tBM	TEMPORARY BENCHMARK
CATV	CABLE TELEVISION	fl	flowline	OSP	OLD STEEL POST HOLE	tc	top of curb
CO	CLEANOUT	fo	fiber optic	p/l	property line	tOW	top of wall
COMM	COMMUNICATION	fs	fire service	PA	PLANTER AREA	tp	telephone pole
CONC.	CONCRETE	G	GAS	pd	planter drain	trw	top of retaining wall
CONST.	CONSTRUCT	gb	GRADE BREAK	PH	POSTHOLE	ug	underground
CR	CURB RETURN	gr	grate	piv	post indicator valve	UW	unless otherwise noted
CS	CONCRETE SURFACE	grb	GROUND RUD BOX	pp	power pole	vball	volleyball
DC	DOUBLE CHECK VALVE	grd	grade elevation	prkg	parking	w	with
DDC	DOUBLE DETECTOR CHECK VALVE	grd	ground rod	pu	public utility easement	w/o	without
DG	DECOMPOSED GRANITE	gv	gas valve	pvc	polyvinyl chloride	wd	wood
DI	DROP INLET	HD	HEADER BOARD	R	RUBBER	wf	wrought iron fence
DIA	DIAMETER	HP	HIGH PRESSURE	rim	manhole rim elevation	xf	TRANSFORMER
DIP	DUCTILE IRON PIPE	IR	IR	row	right of way	xwalk	crosswalk
DWG	DRAWING	IC	IN CONCRETE	rw	REDUCED PRESSURE BACKFLOW PREVENTER		
E	ELECTRIC			RWALL	RAIN WATER LEADER		
EJ	EXPANSION JOINT						
EP	EDGE OF PAVEMENT						
ESMT	EASEMENT						
EX	EXISTING						
FS	FIRE SERVICE LINE						
FDC	FIRE DEPARTMENT CONNECTION						
FL	FLOWLINE						
FM	SANITARY SEWER FORCE MAIN						
FF	FINISHED FLOOR ELEVATION						
FH	FIRE HYDRANT						
G	GAS						
GB	GRADE BREAK						
GR	GRATE						
GRD	GRADE ELEVATION						
GV	GATE VALVE						
HB	HOSE BIBB						
HBD	HEADER BOARD						
HDPE	HIGH DENSITY POLYETHYLENE PIPE						
HP	HIGH POINT						
INV	PIPE INVERT ELEVATION						
JP	JOINT UTILITY POLE						
LF	LINEAL FEET						
LIP	LIP OF CUTTER						
LT	LEFT						
MS	MOWSTRIP						
NTS	NOT TO SCALE						
OH	OVERHEAD						
PAD	BUILDING PAD						
PCC	PORTLAND CEMENT CONCRETE						
PD	PLANTER DRAIN						
PIV	POST INDICATOR VALVE						
P/L	PROPERTY LINE						
PP	POWER POLE						
PUE	PUBLIC UTILITY EASEMENT						
PVC	POLYVINYL CHLORIDE						
RCP	REINFORCED CONCRETE PIPE						
R	RADIUS						
RIM	MANHOLE RIM ELEVATION (SOLID COVER)						
RP	REDUCED PRESSURE BACKFLOW PREVENTER						
RW	RIGHT OF WAY						
SCH	SCHEDULE						
SD	STORM DRAIN						
SDMH	STORM DRAIN MANHOLE						
SG	SUBGRADE ELEVATION						
SP	FIRE SPRINKLER SERVICE						
SS	SANITARY SEWER						
SSMH	SANITARY SEWER MANHOLE						
STD	STANDARD						
S/W	SIDEWALK						
T	TELEPHONE						
TC	TOP OF CURB						
TD	TRENCH DRAIN						
TDCB	TRENCH DRAIN CATCH BASIN						
TP	TELEPHONE POLE						
TRW	TOP OF RETAINING WALL						
TSW	TOP OF SEAT WALL						
TW	TOP OF WALK ELEVATION						
U	UTILITY						
UG	UNDERGROUND						
UON	UNLESS OTHERWISE NOTED						
VCP	VITRIFIED CLAY PIPE						
W	WATER						
W/	WITH						
W/O	WITHOUT						
WV	WATER VALVE						

LEGEND

NOTE: NOT ALL SYMBOLS MAY BE USED ON THESE PLANS.

PROPOSED GRADING & DRAINAGE SYMBOLS:

	STORM DRAIN LINE (SIZE AND FLOW SHOWN)
	STORM DRAIN MANHOLE (SDMH)
	CATCH BASIN (CB)
	DROP INLET (DI)
	AREA DRAIN (AD)
	PLANTER DRAIN (PD) OR FLOOR DRAIN (FD)
	STORM DRAIN CLEANOUT
	ELEVATION
	FINISHED FLOOR ELEVATION
	BUILDING PAD ELEVATION
	CONCRETE SIDEWALK
	GRADED DIRECTION FOR DRAINAGE FLOW
	SWALE
	SLOPE
	TREE TO BE REMOVED
	RETAINING WALL

PROPOSED SANITARY SEWER SYMBOLS:

	SANITARY SEWER LINE (SIZE AND FLOW SHOWN)
	SANITARY SEWER MANHOLE (SSMH)
	SEWER CLEANOUT FLUSHER BRANCH

PROPOSED WATER SYMBOLS:

	WATER LINE & SIZE
	FIRE LINE & SIZE
	DOMESTIC WATER LINE & SIZE
	RECLAIMED WATER LINE & SIZE
	IRRIGATION SERVICE LINE & SIZE
	NON POTABLE WATER LINE & SIZE
	FIRE SPRINKLER SERVICE LINE & SIZE
	GATE VALVE
	WATER METER
	FIRE HYDRANT ASSEMBLY
	FIRE DEPARTMENT CONNECTION
	DETECTOR CHECK VALVE
	DOUBLE DETECTOR CHECK VALVE
	REDUCED PRESSURE BACKFLOW PREVENTER
	BUTTERFLY VALVE
	AIR RELEASE VALVE + SIZE
	BLOW-OFF VALVE + SIZE
	POST INDICATOR VALVE

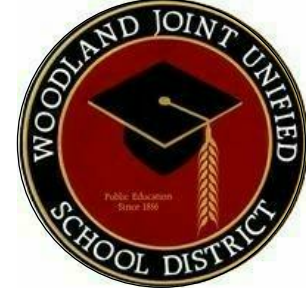
GENERAL NOTES:

- THE TYPES, LOCATIONS, SIZES, AND/OR DEPTHS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THESE PLANS WERE OBTAINED FROM SOURCES OF VARYING RELIABILITY. THE CONTRACTOR IS CAUTIONED THAT ONLY ACTUAL EXCAVATION WILL REVEAL THE TYPES, EXTENT, SIZES, LOCATIONS AND DEPTHS OF SUCH UNDERGROUND UTILITIES. A REASONABLE EFFORT HAS BEEN MADE TO LOCATE AND DELINEATE ALL KNOWN UNDERGROUND UTILITIES. HOWEVER, WARREN CONSULTING ENGINEERS CANNOT BE HELD RESPONSIBLE FOR THE COMPLETENESS OR ACCURACY OF ITS DELINEATION OF SUCH UNDERGROUND UTILITIES, NOR FOR THE EXISTENCE OF OTHER BURIED OBJECTS OR UTILITIES WHICH MAY BE ENCOUNTERED BUT WHICH ARE NOT SHOWN ON THESE PLANS. THE CONTRACTOR OR ANY SUBCONTRACTOR FOR THIS CONTRACT SHALL NOTIFY MEMBERS OF UNDERGROUND SERVICE ALERT (USA) TWO (2) WORKING DAYS IN ADVANCE OF PERFORMING ANY EXCAVATION WORK BY CALLING TOLL FREE 1-800-227-2600, OR 811.
- WARREN CONSULTING ENGINEERS, INC. (WCE) ASSUMES NO RESPONSIBILITY FOR ERRORS IN PHYSICAL LOCATION OF IMPROVEMENTS, HORIZONTAL OR VERTICAL. IN ADDITION, ANY SUCH ERRORS IN PHYSICAL LOCATION MAY AFFECT THE INTENDED DESIGN OF SUCH IMPROVEMENTS AND WCE CANNOT BE HELD RESPONSIBLE FOR SUCH CONDITIONS WHICH ARE A RESULT OF ERRORS IN SURVEYING, OR IMPROPER CONSTRUCTION.
- IF SUBSURFACE CULTURAL RESOURCES, REMAINS, AND/OR ARTIFACTS ARE UNCOVERED DURING PROJECT CONSTRUCTION, ALL WORK IN THE VICINITY SHALL BE STOPPED UNTIL SUCH ITEMS CAN BE ASSESSED BY AN APPROPRIATE MEMBER OF THE COUNTY ENVIRONMENTAL IMPACT SECTION STAFF.
- CONTRACTOR AGREES THAT HE/SHE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND SHALL NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.
- THE CONTRACTOR SHALL OBTAIN AN EXCAVATION PERMIT FROM THE STATE OF CALIFORNIA DEPARTMENT OF INDUSTRIAL SAFETY FOR ALL EXCAVATIONS OF 5 FEET OR MORE IN DEPTH.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAKE ALL NECESSARY PRE-BID AND PRE-CONSTRUCTION SITE INSPECTION, AND/OR OBSERVATIONS ON THE SITE TO PRE-DETERMINE ALL HIS/HER MEANS AND METHODS NECESSARY TO COMPLETE THE IMPROVEMENTS SHOWN ON THESE PLANS AND PER THE PROJECT SPECIFICATIONS. IT IS THE CONTRACTORS RESPONSIBILITY TO DETERMINE, AND INCLUDE IN HIS/HER CONTRACT, ALL MEANS AND METHODS NECESSARY TO PERFORM A COMPLETE AND ACCEPTABLE JOB.
- WHERE IMPROVEMENTS LIE WITHIN AN EXISTING DEVELOPED AREA, CONTRACTOR SHALL USE CAUTION WHEN ACCESSING THE SITE THROUGH THESE EXISTING IMPROVEMENTS. IT IS THE CONTRACTORS RESPONSIBILITY TO PROTECT ANY SUCH EXISTING IMPROVEMENTS OUTSIDE THE PROJECT BOUNDARY, OR EXISTING IMPROVEMENTS WITHIN THE BOUNDARY WHICH ARE TO REMAIN. PROPER PRECAUTIONS SHALL BE PROVIDED AND MAINTAINED THROUGHOUT CONSTRUCTION. ANY DAMAGE SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO KEEP DETAILED RECORDS OF MINOR CHANGES OR ADJUSTMENTS MADE DURING CONSTRUCTION (WHICH WERE NOT FORMALLY ISSUED). UPON PROJECT COMPLETION, THESE RECORDS AND/OR INFORMATION SHALL BE PROVIDED TO THE OWNER AND WARREN CONSULTING ENGINEERS, INC. UNLESS AN OFFICIAL "AS-BUILT" SET OF PLANS IS A REQUIREMENT OF THE CONTRACT. IF AS-BUILT PLANS ARE A REQUIREMENT OF THE CONTRACT, REFER TO SPECIFICATIONS FOR AS-BUILT DELIVERABLE REQUIREMENTS.
- IN VEHICULAR PATHWAYS, EXISTING ASPHALTIC AND/OR CONCRETE SURFACES SHALL BE CUT TO A NEAT AND STRAIGHT LINE, PARALLEL OR PERPENDICULAR TO THE VEHICULAR TRAVELED PATH. THIS IS TYPICALLY THE ROADWAY CENTERLINE, BUT MAY VARY. THAT SAWCUT EDGE SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION SO A CLEAN EDGE REMAINS FOR PATCH BACK. IF EDGE IS DAMAGED, A NEW SAW CUT WILL BE REQUIRED. THE EXPOSED EDGE SHALL BE "TACKED" WITH EMULSION PRIOR TO PAVING.
- NO BURNING OR BLASTING SHALL BE ALLOWED ONSITE UNLESS SPECIFICALLY ADDRESSED ON PLANS, OR SPECIFICALLY APPROVED AND COORDINATED WITH THE ARCHITECT, ENGINEER, AND LOCAL AGENCY OR OTHER ADMINISTRATIVE AUTHORITY.
- SUBGRADE AND RESULTING FINISHED GRADE SHALL BE CONSTRUCTED SMOOTH AND UNIFORM BETWEEN SPOT ELEVATIONS, CONTOURS OR OTHER STRUCTURE ELEVATIONS SHOWN ON GRADING OR OTHER PLANS. NO MOUNDS, RUTS, DEPRESSIONS OR OTHER GRADING DEFICIENCIES WILL BE ALLOWED UNLESS SPECIFICALLY SHOWN ON PLANS.
- ON NEW WATER SYSTEMS, SERVICE LATERALS SHALL BE MADE USING APPROPRIATE "TEE" AND "WYE" FITTINGS. SADDLE TAPS WILL ONLY BE ALLOWED WHEN MAKING CONNECTIONS TO EXISTING WATER MAINS.
- CURING COMPOUND SHALL BE APPLIED IN A CONTINUOUS SOLID WET FLOWING COAT. ANY "SPOTTY" APPLICATIONS SHALL BE RECOATED IMMEDIATELY. APPLICATION SHALL BE INSPECTED BY PROJECT INSPECTOR DURING APPLICATION.
- EMBEDMENT OF FEATURES IN CONCRETE PAVING, CURBS, OR WALLS, SUCH AS SQUARE OR ROUND TUBING, POSTS, OR COLUMNS, STEEL BOLTED PLATES, OR OTHER STRUCTURES, SHALL REQUIRE ADDITIONAL SCORE OR EXPANSION JOINTS TO PREVENT UNCONTROLLED CRACKING. THOSE ADDITIONAL JOINTS MAY OR MAY NOT BE SPECIFICALLY SHOWN ON PLANS BUT SHALL BE PROVIDED BY THE CONTRACTOR.
- EMBEDMENT OF FEATURES IN CONCRETE PAVING, CURBS, OR WALLS, SUCH AS SQUARE OR ROUND TUBING, POSTS, OR COLUMNS, STEEL BOLTED PLATES, OR OTHER STRUCTURES, SHALL REQUIRE A MINOR ADJUSTMENT OF REBAR WITHIN CONCRETE TO ALLOW FOR SUCH STRUCTURE. THAT REBAR ADJUSTMENT MAY NOT BE SPECIFICALLY SHOWN ON PLANS.
- NO MORE THAN 1 GALLON OF WATER PER YARD OF CONCRETE CAN BE ADDED TO THE TRUCK AFTER ARRIVAL TO PROJECT SITE. THE ADDITION OF WATER CAN ONLY BE ADDED UNDER THE SUPERVISION OF THE CONCRETE INSPECTOR OR LABORATORY TECHNICIAN.
- WHEN PUMPING CONCRETE FOR PLACEMENT, ABSOLUTELY NO WATER IS TO BE ADDED TO PUMP HOPPER. ANY WATER ADDED TO HOPPER WILL BE REASON FOR CONCRETE REJECTION AT THE CONTRACTORS EXPENSE.
- ALL CONTRACTION/CONSTRUCTION JOINTS "CJ" SHALL BE 1/4 THE SLAB THICKNESS DEEP, BUT NO LESS THAN 1" FOR CONTROLLING OF CRACKING. CONTRACTOR SHALL EXERCISE CAUTION WHEN FINAL TROWELING OF CONCRETE SO AS NOT TO FILL IN THESE JOINTS WITH CONCRETE CREAM. ANY CRACKS OUTSIDE OF JOINTS WHICH WERE CONSTRUCTED LESS THAN 1" DEEP, SHALL BE CAUSE FOR CONCRETE SLAB(S) TO BE REMOVED AND REPLACE AT CONTRACTORS EXPENSE.
- ANY SCREED BOARDS SET WITHIN CONCRETE SLABS SHALL BE AN "OVERHEAD SCREED" SO THERE IS NO INTERFERENCE WITH THE PLACEMENT AND ALIGNMENT OF SLAB REINFORCING.
- 3-1/2" FELT



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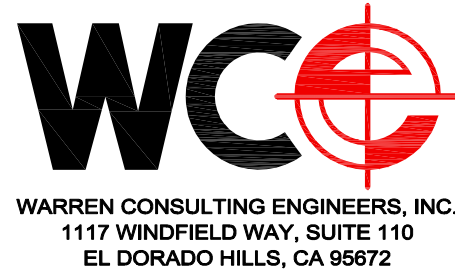
PAVING GENERAL NOTES:

- REFER TO ARCHITECTURAL PLANS FOR STRIPING LAYOUT.
- ALL NEW ASPHALT PAVING TO BE PROVIDED WITH SEALCOAT PER SPECIFICATIONS.
- REFER TO ARCHITECTURAL PLANS FOR CONTROL AND EXPANSION JOINTS, AND CONCRETE FINISH.
- SLOPE OF FINISHED PAVING TO BE 1% MINIMUM FOR ASPHALT, 0.5% MINIMUM FOR CONCRETE AND THE MAXIMUM SLOPE SHALL BE AS FOLLOWS:
CROSS SLOPE PERPENDICULAR TO PATH OF TRAVEL - 1.9%
DIRECTION OF TRAVEL - 4.9%
RAMP IN DIRECTION OF TRAVEL - 8.0%
PLAZA 1.9% - IN ANY DIRECTION
- ADJUST TO FINISH GRADE ALL UTILITY BOXES, FRAMES, COVERS SLEEVES, POST HOLES GRATES, ETC. FOUND IN AREA OF WORK, WHETHER SHOWN OR NOT. CLEAN OR REPLACE AS NECESSARY TO ENSURE PROPER SEATING.
- PERCENT OF SLOPE SHOWN ON ARROWS ARE MAXIMUM SLOPES AND NOT INTENDED TO SUPERCEDE SLOPES DEFINED BY SPOT ELEVATIONS.

GRADING NOTES

- MATCH EXISTING GRADE/ELEVATION.
- GRADE UNIFORMLY TO INLET AND/OR SWALE.
- CONSTRUCT SWALE.
- PLACE 5" PCC WITH No. 4 BARS AT 24" O.C. EACH WAY OVER 6" AB COMPACTED TO 95% ON SUBGRADE PER SPECIFICATIONS.
- ADJUST EXISTING FRAME TO ELEVATION NOTED AND PROVIDE SOLID COVER.
- PROVIDE 3" AC OVER 14" AB BETWEEN NEW CONCRETE AND EXISTING AC PAVING. COMPACT PER SPECIFICATIONS.
- CONSTRUCT DROP INLET PER C3.1
- CONNECT TO EXISTING INLET OR PIPE.
- PLACE 12" STORM DRAIN PER C3.1
SLOPE AT 0.010 MIN.

Consultant:



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PROJECT:
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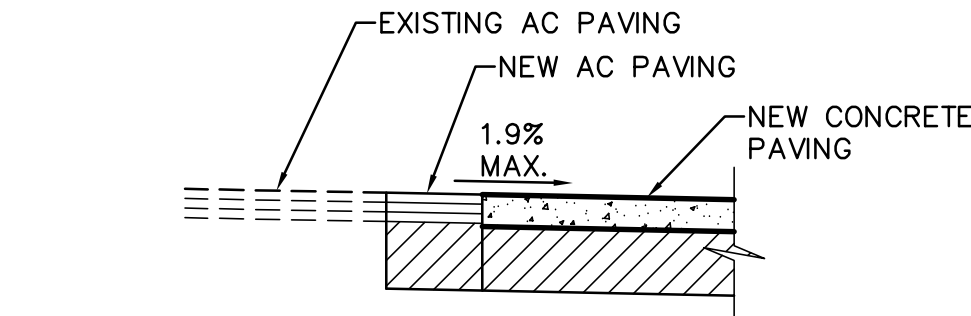
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GRADING, PAVING AND UTILITY PLAN

DSA SUBMITTAL

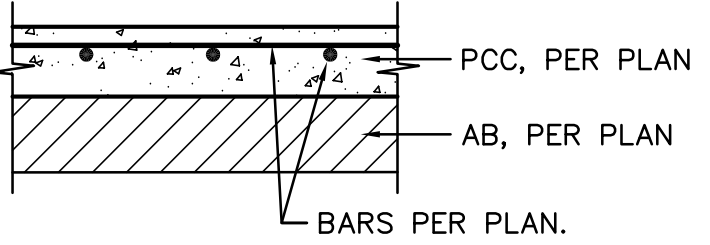
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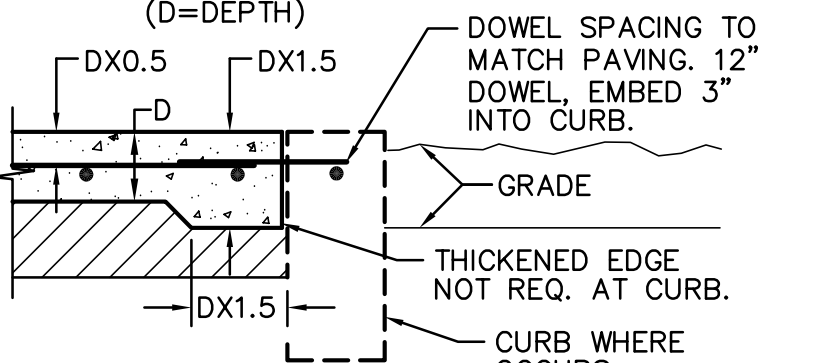
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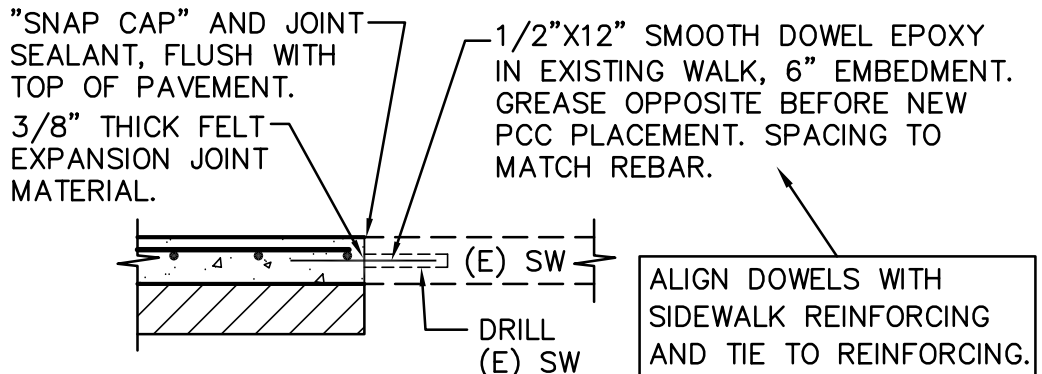
A
C3.1
SECTION
NO SCALE



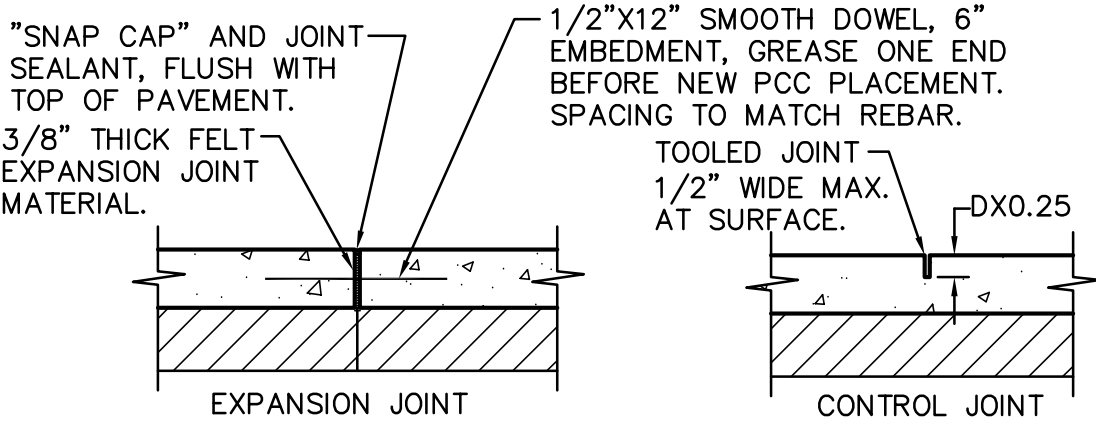
TYPICAL SECTION



TYPICAL THICKENED EDGE



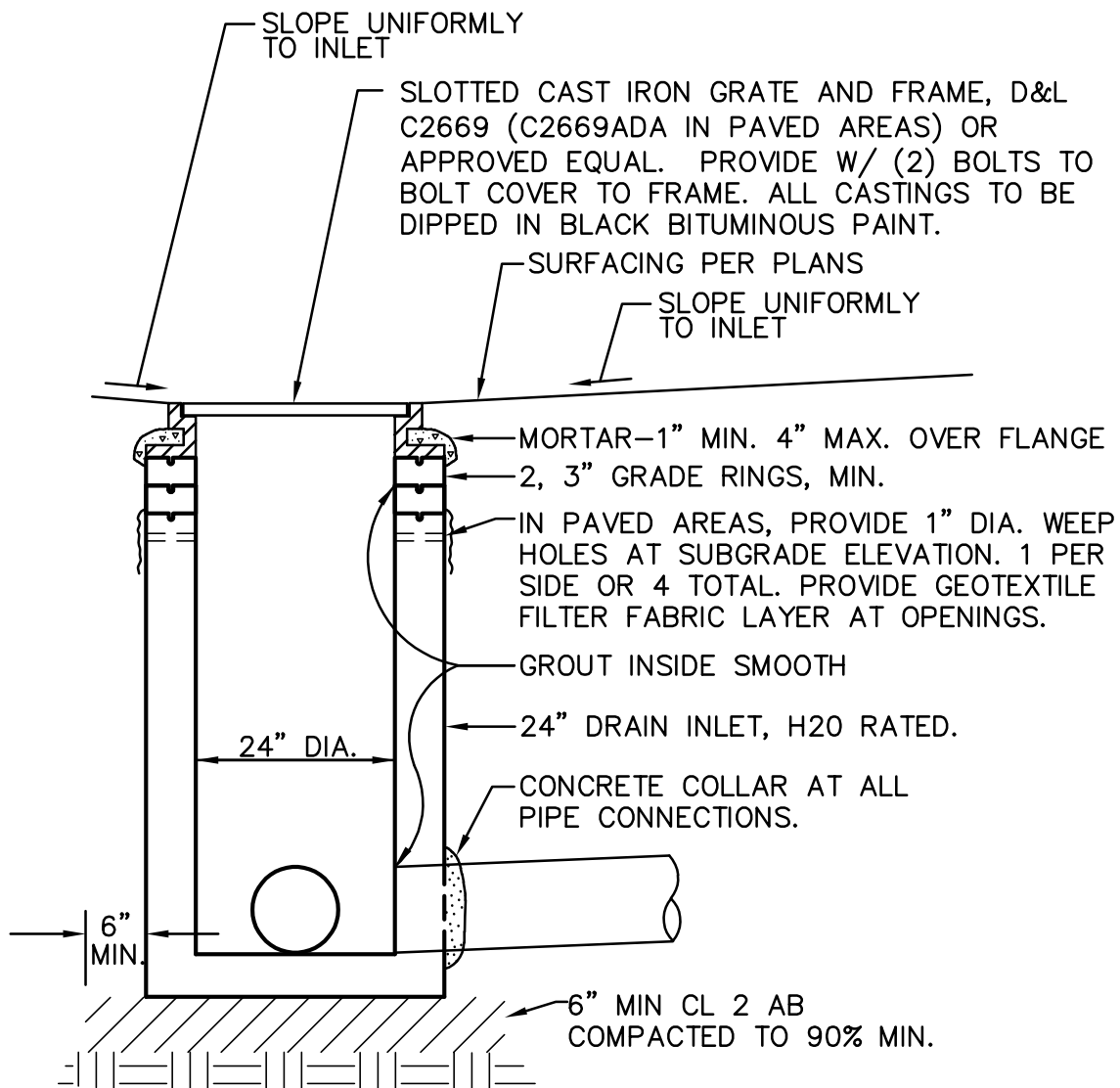
CONNECTION TO (E) CONCRETE



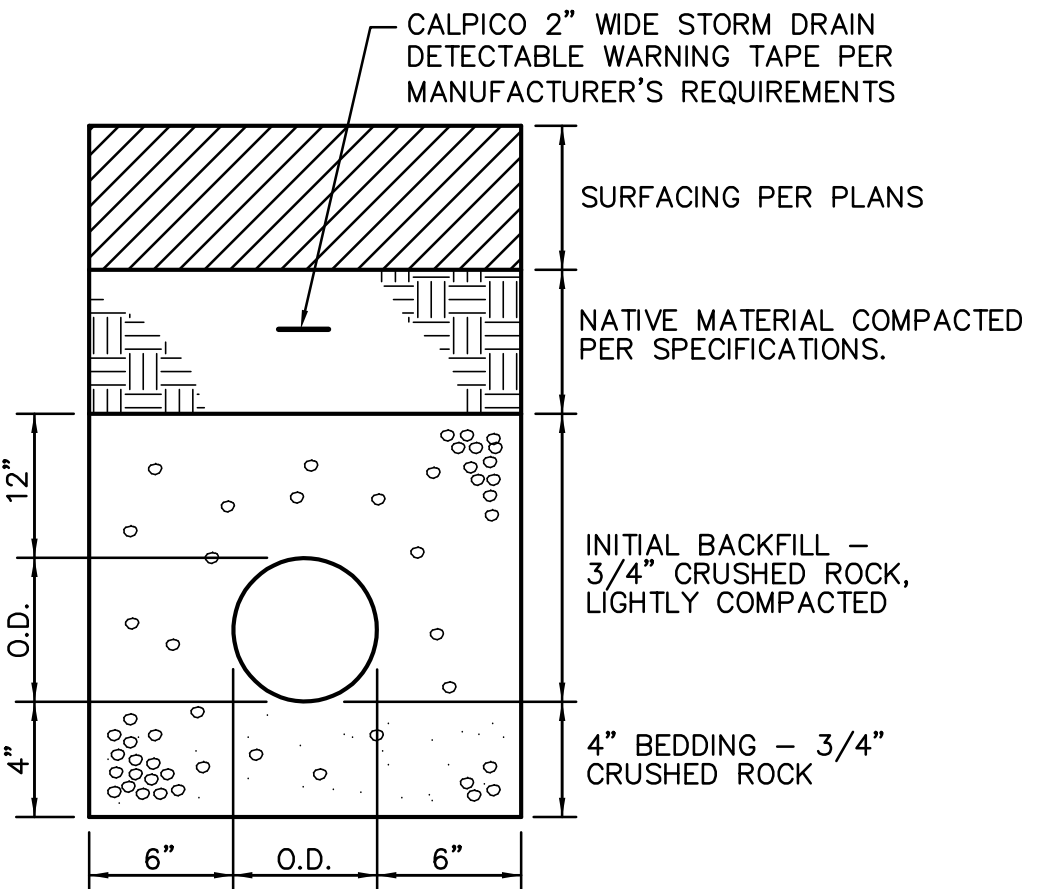
TYPICAL JOINTS

- NOTES:
1. PROVIDE FELT EXPANSION JOINTS AT 20 FEET O.C. MAX. SEE PLAN FOR LAYOUT.
 2. PROVIDE CONTROL JOINTS AT 10 FEET O.C. MAX. SEE PLAN FOR LAYOUT.
 3. EXPANSION OR CONTROL JOINTS SHALL NOT EXCEED 1/2" IN SURFACE WIDTH.

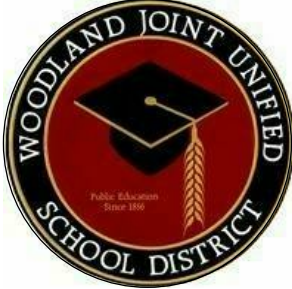
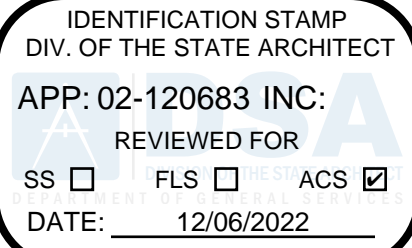
1
C3.1
CONCRETE SIDEWALK
NO SCALE



2
C3.1
DROP INLET
NO SCALE

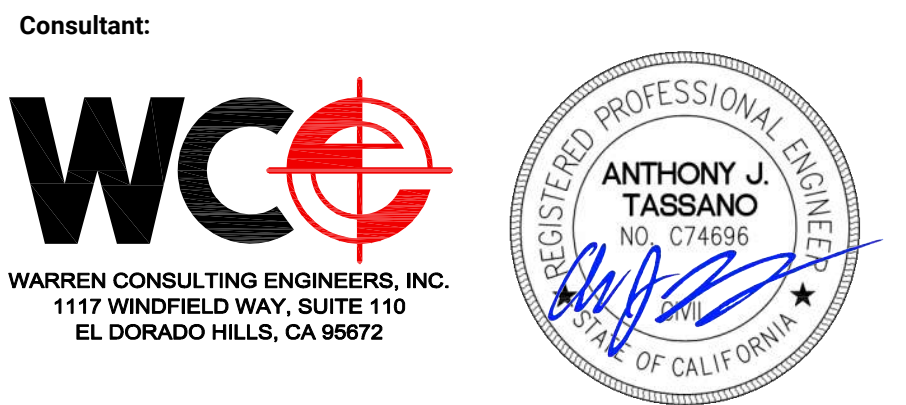


3
C3.1
STORM DRAIN TRENCH
NO SCALE



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PROJECT:
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SHEET NAME:
DETAILS AND SECTIONS

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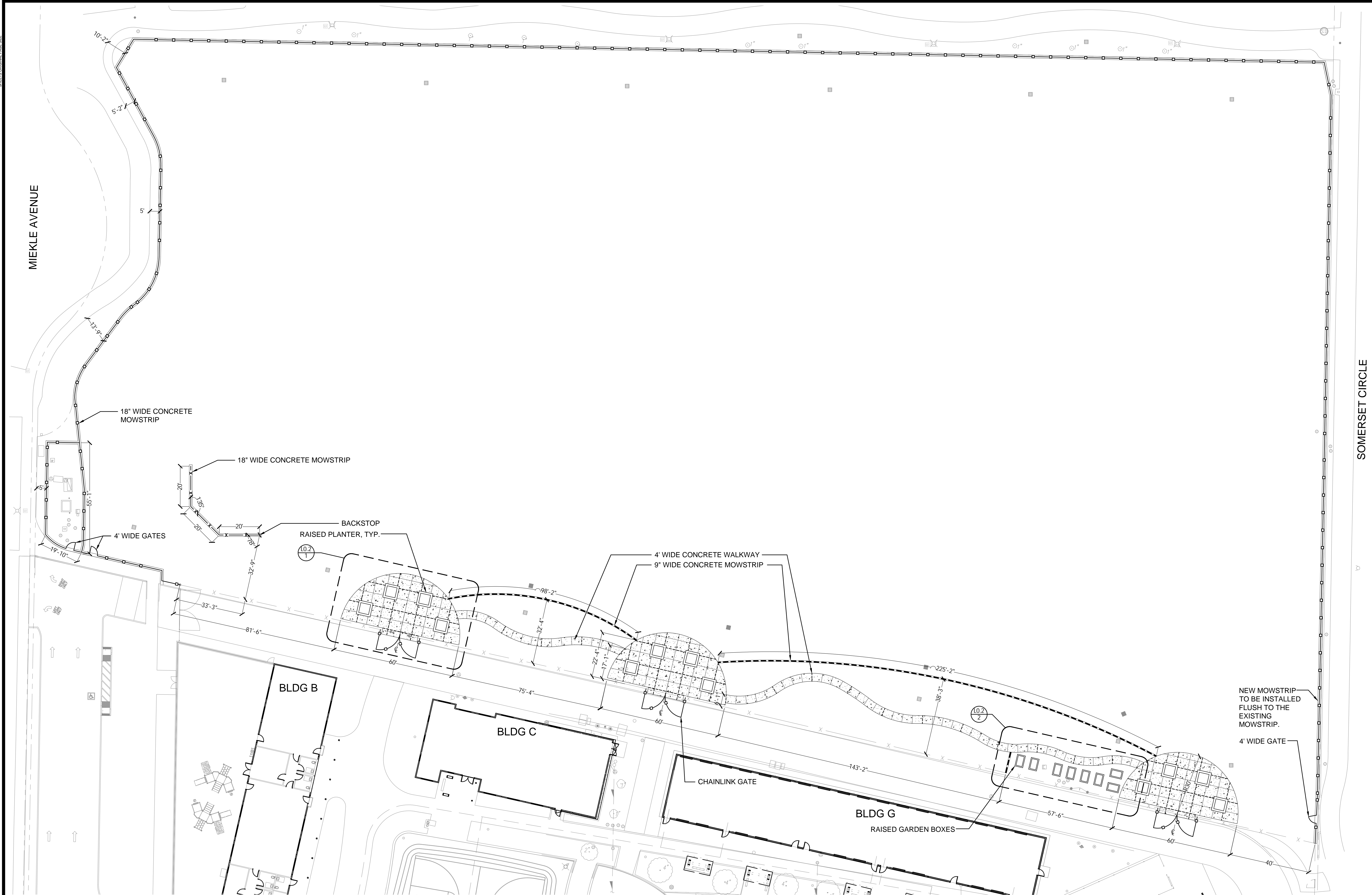
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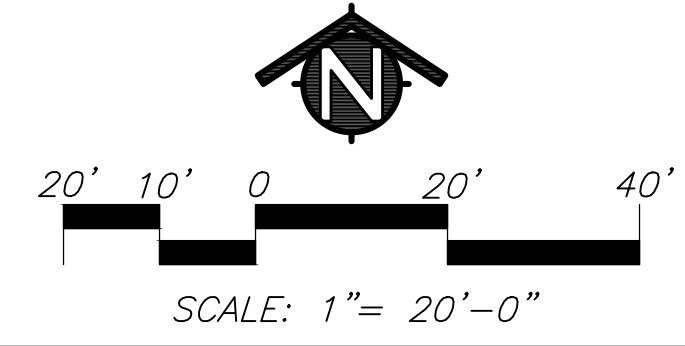
C3.1

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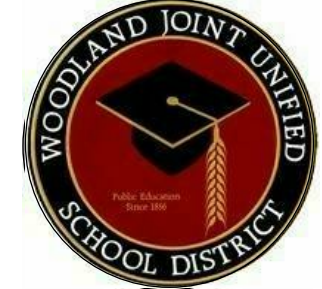
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KEY	SITE LEGEND	KEY	SITE LEGEND
	CONCRETE PAVING FINISH: BROOM COLOR: NO COLOR		RAISED GARDEN BOX SEE DETAIL L4.2-1
	SCORE JOINT		RAISED PLANTER SEE DETAIL L4.1-1
	EXPANSION JOINT		6' TALL CHAINLINK GATE REMOVE EXISTING CHAINLINK FENCE PANELS/GATES TO INSTALL NEW GATES. MATCH STYLE WITH EXISTING. SEE PLAN FOR WIDTH. SEE DETAIL L4.1-3
	PERIMETER FENCE BLACK VINYL COATED CHAINLINK FENCE. SEE DETAIL L4.1-2.		
	BACKSTOP SEE ARCHITECTURAL PLANS		
	9" WIDE CONCRETE MOWSTRIP SEE DETAIL L4.1-4.		
	18" WIDE CONCRETE MOWSTRIP SEE DETAIL L4.1-5.		



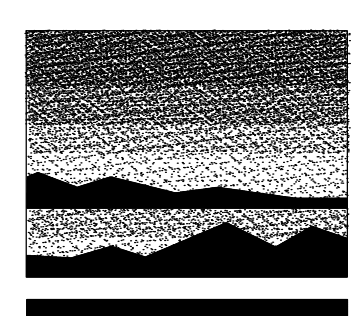
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DATE: 12/06/2022



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Peter D. Larimer C-5284

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2209 MIEKLE AVE
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PROJECT:
WJUSD SPRING LAKE ES PLAYFIELD

SHEET NAME:
SITE PLAN

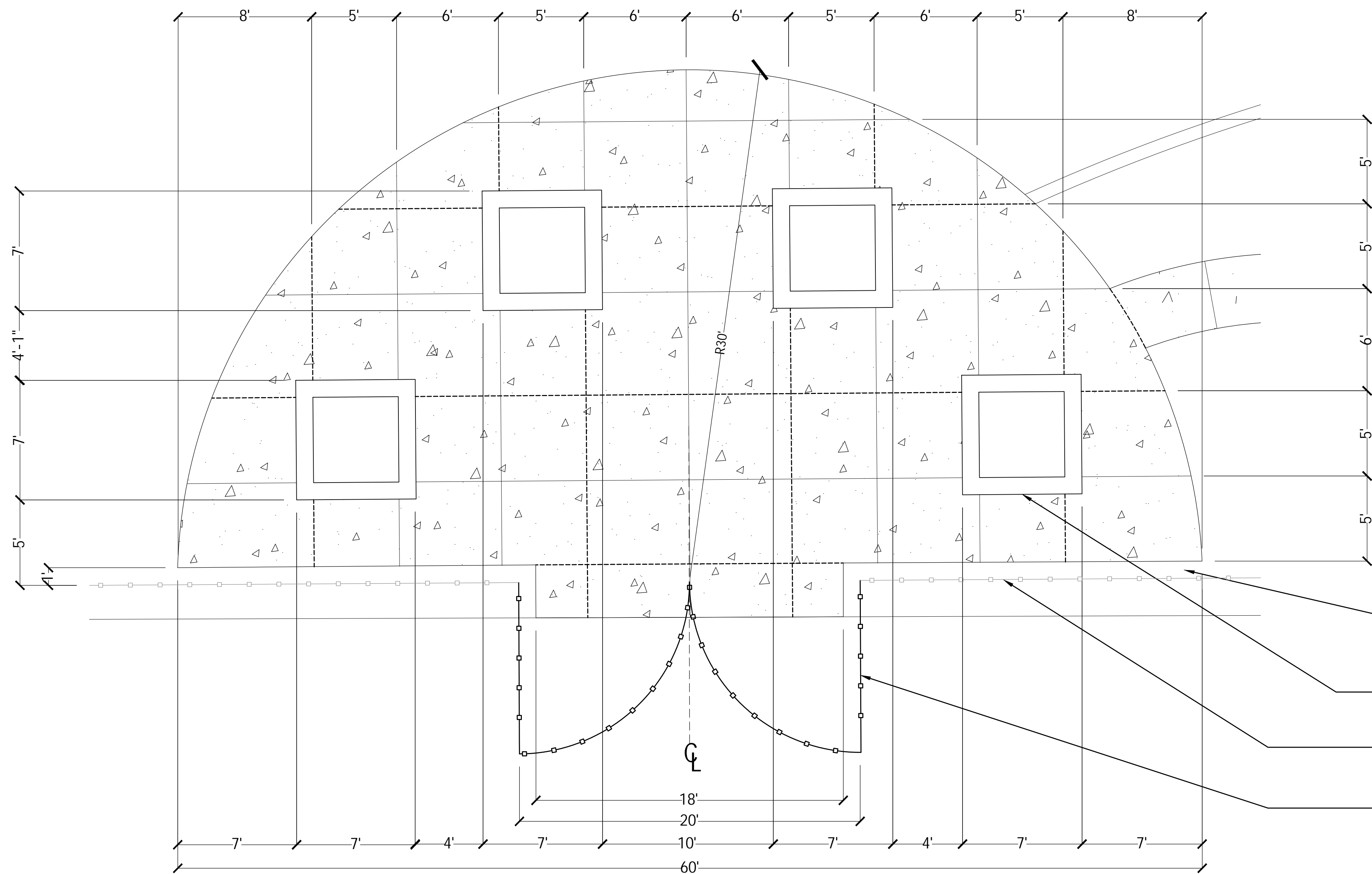
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SHEET:

L0.1

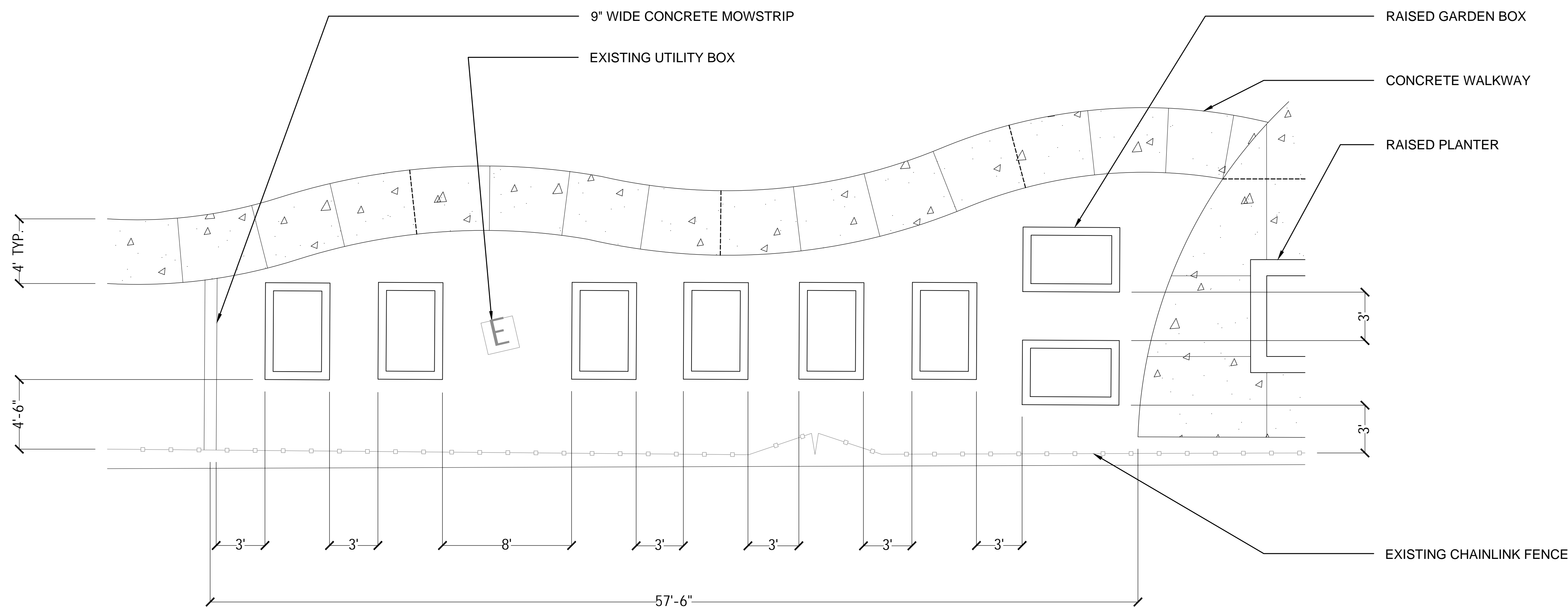
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DATE: 12/06/2022

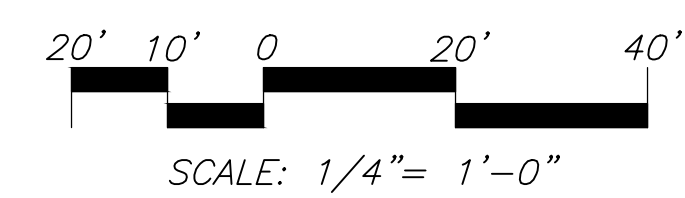


- FILL IN GAP BETWEEN FENCE AND CONCRETE WITH COMPACTED AGGREGATE
- RAISED PLANTER
- EXISTING CHAINLINK FENCE
- NEW CHAINLINK GATE - REMOVE EXISTING GATE AND FENCE PANELS TO INSTALL NEW GATE

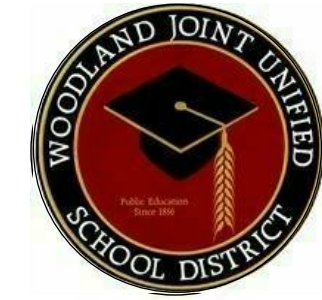
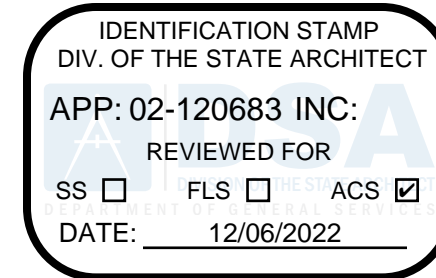
ENLARGEMENT #1
1/4"=1'-0"



ENLARGEMENT #2
1/4"=1'-0"



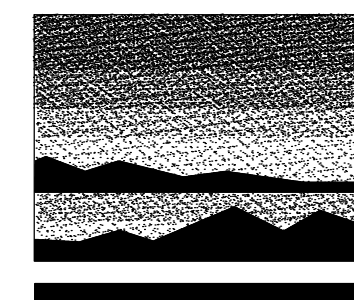
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WOODLAND, CA 95776

PROJECT:
WJUSD SPRING LAKE ES PLAYFIELD

SHEET NAME:
SITE ENLARGMENTS

DATE: 11/30/22 CLIENT PROJ NO:
SHEET:

L0.2

ALL LINES SHOWN ABOVE 15' EXCEPT WHERE NOTED OTHERWISE
SHEET 01 OF 02

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GENERAL LANDSCAPE REQUIREMENTS/NOTES

- NO PLANTING SHALL BE STARTED UNTIL SPRINKLER IRRIGATION SYSTEM HAS BEEN TESTED BY CONTRACTOR IN PRESENCE OF OWNER'S REPRESENTATIVE AND NOTED DEFICIENCIES CORRECTED.
- NO PLANTING SHALL BE STARTED UNTIL SOIL PREPARATION AND FINISH GRADING OPERATIONS HAVE BEEN COMPLETED AND APPROVED BY THE OWNER'S REPRESENTATIVE.
- QUANTITIES SHOWN ON PLANT MATERIAL LIST ARE APPROXIMATE. PROVIDE QUANTITIES INDICATED ON LANDSCAPE PLAN.
- PLANT MATERIAL IS SUBJECT TO APPROVAL OF OWNER'S REPRESENTATIVE.
- SEE SHEET L4.2 FOR PLANTING INSTALLATION DETAILS.

ENVIRONMENTAL REQUIREMENTS:

GENERAL: PROCEED WITH WORK IN ORDERLY AND TIMELY MANNER TO COMPLETE INSTALLATION OF LANDSCAPING WITHIN CONTRACT LIMITS.

PROTECTION:

EXISTING CONSTRUCTION: EXECUTE WORK IN AN ORDERLY AND CAREFUL MANNER TO PROTECT NEW CONCRETE WALKS, WORK OF OTHER TRADES, AND OTHER IMPROVEMENTS.

EXISTING UTILITIES: DETERMINE LOCATION OF UNDERGROUND UTILITIES AND PERFORM WORK IN A MANNER WHICH WILL AVOID POSSIBLE DAMAGE. HAND EXCAVATE, AS REQUIRED, TO MINIMIZE POSSIBILITY OF DAMAGE TO UNDERGROUND UTILITIES. MAINTAIN GRADE STAKES SET BY OTHERS UNTIL REMOVAL IS MUTUALLY AGREED UPON BY ALL PARTIES CONCERNED. BE RESPONSIBLE FOR PROTECTION OF EXISTING UTILITIES WITHIN CONSTRUCTION AREA. REPAIR DAMAGE TO UTILITIES THAT OCCUR AS A RESULT OF OPERATIONS OF THIS WORK. DIRECTED AT NO ADDITIONAL COST TO CONTRACT.

LANDSCAPING: PROTECT LANDSCAPE WORK AND MATERIALS FROM DAMAGE DUE TO LANDSCAPE OPERATIONS, OPERATIONS BY OTHER CONTRACTORS AND TRADES AND TRESPASSERS. MAINTAIN PROTECTION DURING INSTALLATION AND MAINTENANCE PERIODS. TREAT, REPAIR OR REPLACE DAMAGED LANDSCAPE WORK AS DIRECTED AT NO ADDITIONAL COST TO CONTRACT.

ADVERSE CONDITIONS: WHEN CONDITIONS DETRIMENTAL TO SOD OR PLANT GROWTH ARE ENCOUNTERED, SUCH AS RUBBLE FILL, ADVERSE DRAINAGE CONDITIONS, OR OBSTRUCTIONS, NOTIFY OWNER'S REPRESENTATIVE BEFORE STARTING WORK.

PLANTING AND TURF INSTALLATION SEASONS AND CONDITIONS

NO WORK SHALL BE DONE WHEN GROUND IS FROZEN, SNOW COVERED, TOO WET OR IN AN OTHERWISE UNSUITABLE CONDITION FOR AMENDING SOIL, FINISH GRADING OR PLANTING.

SOIL TESTING/SOIL IMPROVEMENT:

SEE SPECIFICATIONS 32 90 00, SECTION 3.02 SOIL TESTING AND SECTION 3.03 PREPARATION.

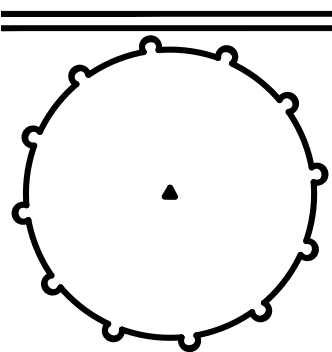
SOIL PERCOLATION

EXCAVATE TO PLANTING PITS IN RANDOM AREAS OF SITE. FILL EXCAVATED PLANTING PITS WITH WATER TO 1/2 DEPTH OF PIT. PITS SHOULD DRAIN WITHIN 4 HOURS. IF PLANTING PITS DO NOT DRAIN, NOTIFY INSPECTOR IMMEDIATELY. PLANTING SHALL NOT BE STARTED UNTIL OWNER'S REPRESENTATIVE HAS RESOLVED A METHOD TO REMEDY DRAINAGE ISSUE.

PLANT MATERIAL STANDARDS

PLANTS SHALL BE IN ACCORDANCE WITH AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI) ANSI Z60.1- AMERICAN STANDARD FOR NURSERY STOCK, EXCEPT AS OTHERWISE STATED IN SPECIFICATIONS OR SHOWN ON DRAWINGS. WHERE DRAWINGS OR SPECIFICATIONS ARE IN CONFLICT WITH ANSI Z60.1, DRAWINGS AND SPECIFICATIONS SHALL PREVAIL. PRUNE, THIN OUT AND SHAPE TREES IN ACCORDANCE WITH ANSI STANDARD HORTICULTURAL PRACTICE. PRUNE TREES TO RETAIN REQUIRED HEIGHT AND SPREAD, UNLESS OTHERWISE DIRECTED BY LANDSCAPE ARCHITECT. DO NOT CUT TREE LEADERS, AND REMOVE ONLY INJURED OR DEAD BRANCHES FROM FLOWERING TREES.

KEY



LANDSCAPE LEGEND

TREES - NOT ALL SYMBOLS SHOWN

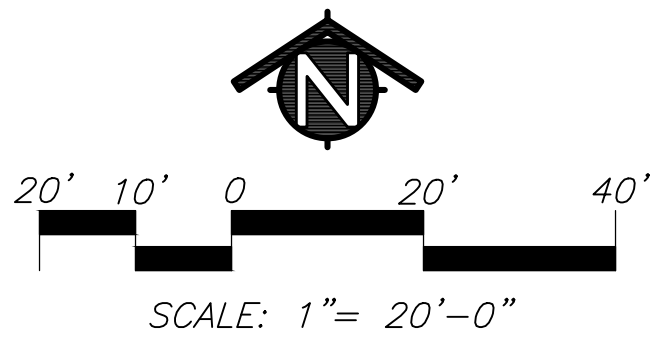
ROOT BARRIER, INSTALL WHERE SHOWN ON PLANS

PLANT QUANTITY

PLANT KEY

TREE MATERIAL LIST

SIZE	QTY.	KEY	BOTANICAL NAME ... COMMON NAME	WATER USE
TREES:				
24" BOX	4	ACE	ACER BUERGERIANUM ... TRIDENT MAPLE	MEDIUM
24" BOX	8	CER	CERIS CANADENSIS ... EASTERN REDBUD	MEDIUM
24" BOX	4	CEL	CELIERA PARVIFLORA ... AUSTRALIAN WILLOW	MEDIUM
24" BOX	3	GIN	GINKGO BILoba 'AUTUMN GOLD' ... AUTUMN GOLD MAIDENHAIR TREE	MEDIUM
24" BOX	6	LAG	LACERSTROEMIA INDICA 'MUSKOGEE' ... MUSKOGEE Crape MYRTLE	LOW
24" BOX	5	MAG	MAGNOLIA STELLATA 'ROYAL STAR' ... ROYAL STAR MAGNOLIA	MEDIUM
24" BOX	13	ULM	ULMUS PARVIFLORA 'TRUE GREEN' ... TRUE GREEN CHINESE ELM	MEDIUM



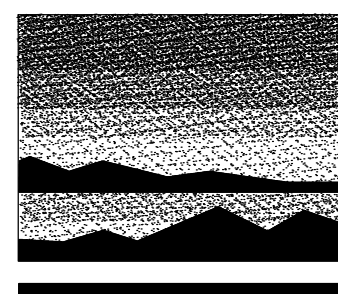
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FACILITY:
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2209 MIEKLE AVE
WOODLAND, CA 95776

PROJECT:
WJUSD SPRING LAKE ES PLAYFIELD

SHEET NAME:
LANDSCAPE TREE PLANTING PLAN

DATE: 11/30/22 CLIENT PROJ NO:

SHEET:

L1.1

PLEASE RECYCLE ♻️

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GENERAL LANDSCAPE REQUIREMENTS/NOTES

1. NO PLANTING SHALL BE STARTED UNTIL SPRINKLER IRRIGATION SYSTEM HAS BEEN TESTED BY CONTRACTOR IN PRESENCE OF OWNER'S REPRESENTATIVE AND NOTED DEFICIENCIES CORRECTED.
 2. NO PLANTING SHALL BE STARTED UNTIL SOIL PREPARATION AND FINISH GRADING OPERATIONS HAVE BEEN COMPLETED AND APPROVED BY THE OWNER'S REPRESENTATIVE.
 3. QUANTITIES SHOWN ON PLANT MATERIAL LIST ARE APPROXIMATE. PROVIDE QUANTITIES INDICATED ON LANDSCAPE PLAN.
 4. PLANT MATERIAL IS SUBJECT TO APPROVAL OF OWNER'S REPRESENTATIVE.
 5. SEE SHEET L4.2 FOR PLANTING INSTALLATION DETAILS.
- ENVIRONMENTAL REQUIREMENTS:**
- GENERAL: PROCEED WITH WORK IN ORDERLY AND TIMELY MANNER TO COMPLETE INSTALLATION OF LANDSCAPING WITHIN CONTRACT LIMITS.
- PROTECTION:**
- EXISTING CONSTRUCTION: EXECUTE WORK IN AN ORDERLY AND CAREFUL MANNER TO PROTECT NEW CONCRETE WALKS, WORK OF OTHER TRADES, AND OTHER IMPROVEMENTS.
- EXISTING UTILITIES: DETERMINE LOCATION OF UNDERGROUND UTILITIES AND PERFORM WORK IN A MANNER WHICH WILL AVOID POSSIBLE DAMAGE. HAND EXCAVATE AS REQUIRED TO MINIMIZE POSSIBILITY OF DAMAGE TO UNDERGROUND UTILITIES. MAINTAIN GRADE STAKES SET BY OTHERS UNTIL REMOVAL IS MUTUALLY AGREED UPON BY ALL PARTIES CONCERNED. BE RESPONSIBLE FOR PROTECTION OF EXISTING UTILITIES WITHIN CONSTRUCTION AREA. REPAIR DAMAGE TO UTILITIES THAT OCCUR AS A RESULT OF OPERATIONS OF THIS WORK.
- LANDSCAPING: PROTECT LANDSCAPE WORK AND MATERIALS FROM DAMAGE DUE TO LANDSCAPE OPERATIONS. OPERATIONS BY OTHER CONTRACTORS AND TRADES AND TRESPASSERS. MAINTAIN PROTECTION DURING INSTALLATION AND MAINTENANCE PERIODS. TREAT, REPAIR OR REPLACE DAMAGED LANDSCAPE WORK AS DIRECTED AT NO ADDITIONAL COST TO CONTRACT.
- ADVERSE CONDITIONS: WHEN CONDITIONS DETRIMENTAL TO SOD OR PLANT GROWTH ARE ENCOUNTERED: SUCH AS RUBBLE FILL, ADVERSE DRAINAGE CONDITIONS, OR OBSTRUCTIONS, NOTIFY OWNER'S REPRESENTATIVE BEFORE STARTING WORK.

PLANTING AND TURF INSTALLATION SEASONS AND CONDITIONS

NO WORK SHALL BE DONE WHEN GROUND IS FROZEN, SNOW COVERED, TOO WET OR IN AN OTHERWISE UNSUITABLE CONDITION FOR AMENDING SOIL, FINISH GRADING OR PLANTING.

SOIL TESTING/SOIL IMPROVEMENT:

SEE SPECIFICATIONS 32 90 00, SECTION 3.02 SOIL TESTING AND SECTION 3.03 PREPARATION.

SOIL PERCOLATION

EXCAVATE TO PLANTING PITS IN RANDOM AREAS OF SITE. FILL EXCAVATED PLANTING PITS WITH WATER TO 1/2 DEPTH OF PIT. PITS SHOULD DRAIN WITHIN 4 HOURS. IF PLANTING PITS DO NOT DRAIN, NOTIFY INSPECTOR IMMEDIATELY. PLANTING SHALL NOT BE STARTED UNTIL OWNER'S REPRESENTATIVE HAS RESOLVED A METHOD TO REMEDY DRAINAGE ISSUE.

PLANT MATERIAL STANDARDS

PLANTS SHALL BE IN ACCORDANCE WITH AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI) ANSI Z60.1-AMERICAN STANDARD FOR NURSERY STOCK EXCEPT AS OTHERWISE STATED IN SPECIFICATIONS OR SHOWN ON DRAWINGS. WHERE DRAWINGS OR SPECIFICATIONS ARE IN CONFLICT WITH ANSI Z60.1 DRAWINGS AND SPECIFICATIONS SHALL PREVAIL. PRUNE, THIN OUT AND SHAPE TREES IN ACCORDANCE WITH ANSI STANDARD HORTICULTURAL PRACTICE. PRUNE TREES TO RETAIN REQUIRED HEIGHT AND SPREAD, UNLESS OTHERWISE DIRECTED BY LANDSCAPE ARCHITECT. DO NOT CUT TREE LEADERS, AND REMOVE ONLY INJURED OR DEAD BRANCHES FROM FLOWERING TREES.

KEY

TREE OUTLINE FOR REFERENCE

SHRUBS
INSTALL WEED FABRIC WITHIN ALL PLANTER AREAS.

LAWN (SOD)

LANDSCAPE LEGEND

DECOMPOSED GRANITE

EXISTING LANDSCAPE TO REMAIN

BARK MULCH ONLY

PLANT MATERIAL LIST					
WATER USE	SIZE	QUANTITY	KEY	BOTANICAL NAME ... COMMON NAME	
				SHRUBS:	
LOW	5 G.C.	30	ACH	ACHILLEA MILLEFOLIUM	YARROW
MEDIUM	5 G.C.	4	BUD	BUDDLEIA DAVIDII	SUMMER LILAC
LOW	5 G.C.	6	CEA.A	CEANOTHUS GLOBOSUS	ANCHOR BAY CEANOTHUS
LOW	5 G.C.	11	CEA.J	CEANOTHUS 'JOYCE COULTER'	JOYCE COULTER CEANOTHUS
LOW	5 G.C.	10	CIS.P	CISTUS PURPUREUS	ORCHID ROCKROSE
LOW	5 G.C.	8	CIS.H	CISTUS HYBRIDUS	WHITE ROCKROSE
MEDIUM	5 G.C.	10	GAU	GAURA LINDHEIMERI	GAURA
MEDIUM	5 G.C.	20	LAN	LANTANA CAMARULA	CONFETTI LANTANA
LOW	5 G.C.	11	LAV	LAVANDULA AUGUSTIFOLIA	ENGLISH LAVENDER
LOW	5 G.C.	13	MM	MIMULUS AURANTIACUS	SHRUBBY MONKEY FLOWER
LOW	5 G.C.	7	PER	PEROVSKIA ATRIPLEXIFOLIA	RUSSIAN SAGE
LOW	5 G.C.	9	ROS	ROSMARINUS PROSTRATA	CREeping ROSMARY
LOW	5 G.C.	10	SAL	SALVIA 'HOT LIPS'	HOT LIPS SAGE
MEDIUM	5 G.C.	8	SPI	SPIRAEA JAPONICA	JAPANESE SPIREA

KEY

DECOMPOSED GRANITE

EXISTING LANDSCAPE TO REMAIN

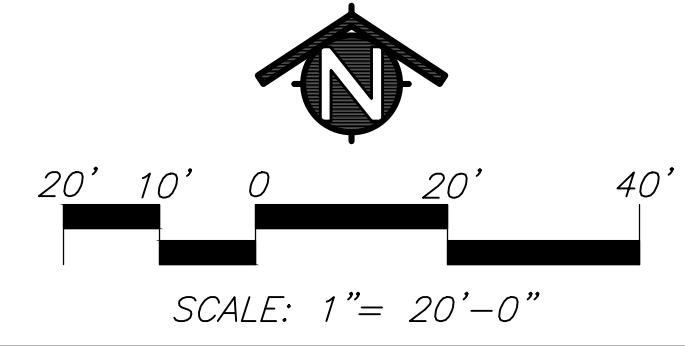
BARK MULCH ONLY

LANDSCAPE LEGEND

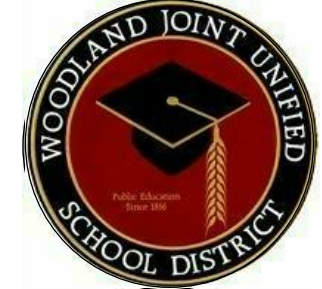
PLANT QUANTITY

PLANT KEY

EXISTING TREES TO REMAIN



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DIV. OF THE STATE ARCHITECT
APP: 02-120683 INC:
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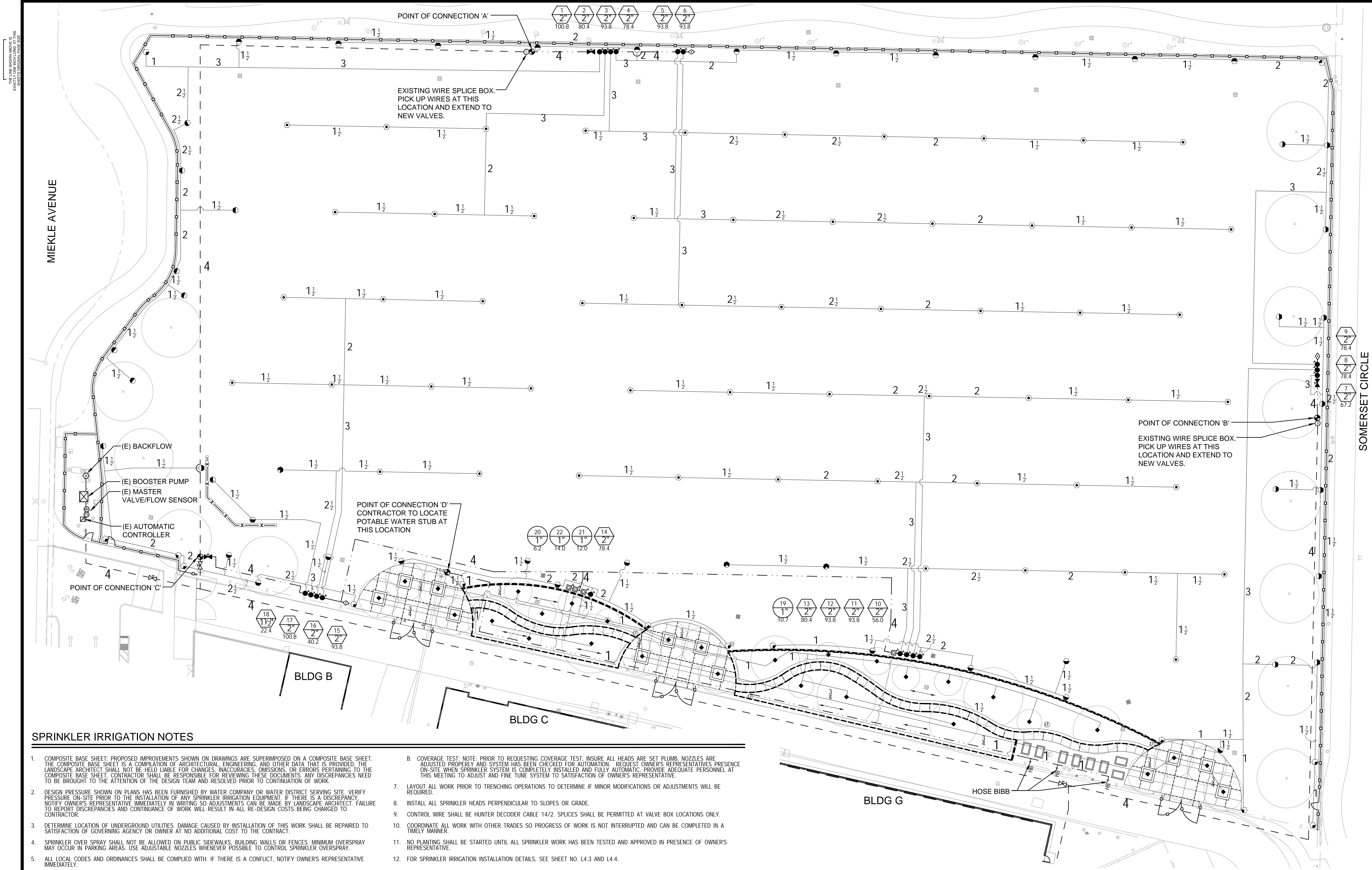
PROJECT:
WJUSD SPRING LAKE ES PLAYFIELD

SHEET NAME:
LANDSCAPE SHRUB PLANTING PLAN

DATE: 11/30/22
CLIENT PROJ NO:

SHEET:

L2.1



SPRINKLER IRRIGATION NOTES

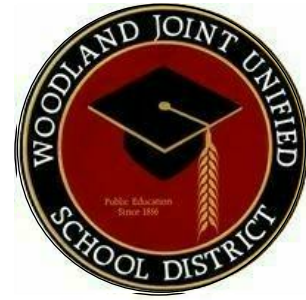
- COMPOSITE BASE SHEET. PROPOSED IMPROVEMENTS SHOWN ON DRAWINGS ARE SUPERIMPOSED ON A COMPOSITE BASE SHEET. THE COMPOSITE BASE SHEET IS A COMPILED OF ARCHITECTURAL, ENGINEERING, AND OTHER DATA THAT IS PROVIDED. THE LANDSCAPE ARCHITECT SHALL NOT BE HELD LIABLE FOR CORRECTIONS, INACCURACIES, OMISSIONS OR ERRORS PERTAINING TO THE COMPOSITE BASE SHEET. CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING THESE DOCUMENTS. ANY DISCREPANCIES NEED TO BE BROUGHT TO THE ATTENTION OF THE DESIGN TEAM AND RESOLVED PRIOR TO CONTINUATION OF WORK.
- DESIGN PRESSURE SHOWN ON PLANS HAS BEEN FURNISHED BY WATER COMPANY OR WATER DISTRICT SERVING SITE. VERIFY PRESSURE ON-SITE PRIOR TO THE INSTALLATION OF ANY SPRINKLER IRRIGATION EQUIPMENT. IF THERE IS A DISCREPANCY, NOTIFY OWNER'S REPRESENTATIVE IMMEDIATELY IN WRITING SO ADJUSTMENTS CAN BE MADE BY LANDSCAPE ARCHITECT. FAILURE TO REPORT DISCREPANCIES AND CONTINUANCE OF WORK WILL RESULT IN ALL RE-DESIGN COSTS BEING CHARGED TO CONTRACTOR.
- DETERMINE LOCATION OF UNDERGROUND UTILITIES. DAMAGE CAUSED BY INSTALLATION OF THIS WORK SHALL BE REPAIRED TO SATISFACTION OF GOVERNING AGENCY OR OWNER AT NO ADDITIONAL COST TO THE CONTRACT.
- SPRINKLER OVER SPRAY SHALL NOT BE ALLOWED ON PUBLIC SIDEWALKS, BUILDING WALLS OR FENCES. MINIMUM OVERSPRAY MAY OCCUR IN PARKING AREAS. USE ADJUSTABLE NOZZLES WHENEVER POSSIBLE TO CONTROL SPRINKLER OVERSPRAY.
- ALL LOCAL CODES AND ORDINANCES SHALL BE COMPLIED WITH. IF THERE IS A CONFLICT, NOTIFY OWNER'S REPRESENTATIVE IMMEDIATELY.
- TESTING:
A. PRESSURE TEST ALL UNDERGROUND PIPING AS FOLLOWS:
MAIN LINE - AT 100 PSI FOR 4 HOURS.
LATERAL LINES - AT 100 PSI FOR 2 HOURS.
- COVERAGE TEST. NOTE: PRIOR TO REQUESTING COVERAGE TEST, INSURE ALL HEADS ARE SET PLUMB. NOZZLES ARE ADJUSTED PROPERLY AND SYSTEM HAS BEEN CHECKED FOR AUTOMATIC. REQUEST OWNER'S REPRESENTATIVES PRESENCE ON-SITE WHEN SPRINKLER SYSTEM IS COMPLETELY INSTALLED AND FULLY AUTOMATIC. PROVIDE ADEQUATE PERSONNEL AT THIS MEETING TO ADJUST AND FINE TUNE SYSTEM TO SATISFACTION OF OWNER'S REPRESENTATIVE.
- LAYOUT ALL WORK PRIOR TO TRENCHING OPERATIONS TO DETERMINE IF MINOR MODIFICATIONS OR ADJUSTMENTS WILL BE REQUIRED.
- INSTALL ALL SPRINKLER HEADS PERPENDICULAR TO SLOPES OR GRADE.
- CONTROL WIRE SHALL BE HUNTER DECODER CABLE 14/2. SPLICES SHALL BE PERMITTED AT VALVE BOX LOCATIONS ONLY.
- COORDINATE ALL WORK WITH OTHER TRADES SO PROGRESS OF WORK IS NOT INTERRUPTED AND CAN BE COMPLETED IN A TIMELY MANNER.
- NO PLANTING SHALL BE STARTED UNTIL ALL SPRINKLER WORK HAS BEEN TESTED AND APPROVED IN PRESENCE OF OWNER'S REPRESENTATIVE.
- FOR SPRINKLER IRRIGATION INSTALLATION DETAILS, SEE SHEET NO. L4.3 AND L4.4.

KEY	SPRINKLER IRRIGATION LEGEND
	EXISTING AUTOMATIC CONTROLLER:
	POINT OF CONNECTION: DYNAMIC WATER PRESSURE AFTER IRRIGATION BACKFLOW DEVICE: 51 PSI IRRIGATION SYSTEM OPERATING WATER PRESSURE: 50 PSI MAXIMUM FLOW IS 190 GPM. P.O.C. 'A': CONTRACTOR SHALL LOCATE EXISTING MAINLINE STUB AND WIRE SPLICE BOX INDICATED ON PLAN. CONNECT AT THIS POINT AND EXTEND AS INDICATED ON DRAWINGS. P.O.C. 'B': CONTRACTOR SHALL LOCATE EXISTING MAINLINE STUB AND WIRE SPLICE BOX INDICATED ON PLAN. CONNECT AT THIS POINT AND EXTEND AS INDICATED ON DRAWINGS. P.O.C. 'C': CONTRACTOR SHALL LOCATE EXISTING GATE VALVE INDICATED ON PLAN. CONNECT AT THIS POINT AND EXTEND AS INDICATED ON DRAWINGS. P.O.C. 'D': CONTRACTOR SHALL LOCATE EXISTING POTABLE WATER MAINLINE STUB. CONNECT AT THIS POINT AND EXTEND AS INDICATED ON DRAWINGS.
	EXISTING REDUCED PRESSURE BACKFLOW PREVENTION DEVICE:
	EXISTING BOOSTER PUMP:
	EXISTING MASTER VALVE/FLOW SENSOR ASSEMBLY:
	GATE VALVE: TYPE: NIBCO NO F-619 WITH A NON-RISING STEM AND OPERATING NUT. GATE VALVE INSTALLED IN A VALVE BOX WITH TOP OF BOX SET FLUSH TO FINISH GRADE. GATE VALVE TO BE LINE SIZE.

KEY	SPRINKLER IRRIGATION LEGEND
	PRESSURE MAIN LINE: TYPE: 3" SIZE AND SMALLER: ASTM D1785, PVC SCHEDULE 40. 4" SIZE AND LARGER: ASTM D2241 SDR 21, 200 PSI, RUBBER GASKETED. TRENCH DEPTH: IN PLANTED AREAS: 24" MINIMUM COVER. BUBBLER HEADS: 12" MINIMUM COVER. UNDER PAVED AREAS: 24" MINIMUM COVER. PVC SCHEDULE 40 SLEEVES ARE REQUIRED FOR ALL PIPING UNDER PAVEMENT.
	LATERAL LINE: TYPE: ASTM D1785, PVC SCHEDULE 40, SOLVENT WELD. ALL UNSIZED PIPE SHALL BE 3/4" SIZE. PURPLE COLOR. TRENCH DEPTH: IN PLANTED AREAS: ROTOR HEADS: 18" MINIMUM COVER. BUBBLER HEADS: 12" MINIMUM COVER. UNDER PAVED AREAS: 24" MINIMUM COVER. PVC SCHEDULE 40 SLEEVES ARE REQUIRED FOR ALL PIPING UNDER PAVEMENT.
	AUTOMATIC CONTROL VALVE: HUNTER ICV-AS SERIES WITH PRESSURE REGULATOR. INSTALL WITH HUNTER ICD DECODER.
	LAWN POP-UP ROTOR HEADS: FULL CIRCLE & THREE QUARTER HUNTER: I-25-06-SS-R-15 HALF CIRCLE HUNTER: I-25-06-SS-R-13 QUARTER CIRCLE HUNTER: I-25-06-SS-R-10

KEY	SPRINKLER IRRIGATION LEGEND
	QUICK COUPLER VALVE: RAINBIRD 44NP VALVES SHALL HAVE LOCKING RUBBER COVERS. INSTALLED IN VALVE BOXES. TOP OF VALVE BOX SHALL HAVE BOLT DOWN LID AND TOP SET LEVEL TO FINISH GRADE.
	TREE BUBBLER HEADS (TWO HEADS PER SYMBOL): HUNTER ROOT ZONE WATERING SYSTEM RZWS-18-50-CV-R WITH CHECK VALVE AND PURPLE CAP.
	AUTOMATIC DRIP IRRIGATION VALVE/FILTER/PRESSURE REGULATOR: HUNTER ICZ DRIP CONTROL ZONE KIT AT 25 PSI. INSTALL WITH HUNTER ICD DECODER.
	GARDEN HOSE BIB: CONNECT TO POTABLE WATER LINE.
	SUBSURFACE INLINE DRIP SYSTEM: NETAFIM TUBING TO BE TECHLINE CV AND IS TO BE INSTALLED IN THE DIRECTION OF THE ARROW AS SHOWN ON PLAN. TECHLINE TO BE INSTALLED 5" BELOW GRADE IN TURF AND 4" BELOW GRADE IN SHRUB BEDS. PVC SCHEDULE 40 LATERAL LINES SHOWN ON THE PLAN, NETAFIM TECHLINE CV NOT SHOWN. NETAFIM DRIP TUBING SPACING: SHRUB/GROUNDCOVER PLANTER AREAS: 18" ROW SPACING (0.4 GPH @ 18" SPACING) TECHLINE CV TUBING NOT TO EXCEED 400' IN A SINGLE RUN.
	MANUAL LINE FLUSHING VALVE IN BOX: MANUAL LINE FLUSHING VALVE TO BE INSTALL ON THE PVC PIPE IN AN EMITTER BOX BELOW GRADE.
	INDICATES CONTROL VALVE AND STATION NUMBER
	INDICATES CONTROL VALVE SIZE
	INDICATES GALLONS PER MINUTE

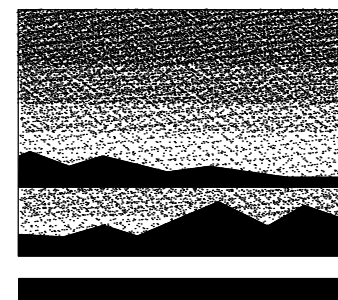
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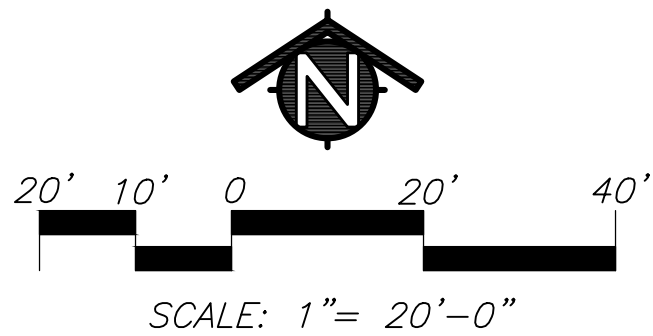
FACILITY:
SPRING LAKE ELEMENTARY SCHOOL
2209 MIEKLE AVE
WOODLAND, CA 95776

PROJECT:
WJUSD SPRING LAKE ES PLAYFIELD

SHEET NAME:
LANDSCAPE IRRIGATION PLAN

DATE: 11/30/22 CLIENT PROJ NO:

SHEET:

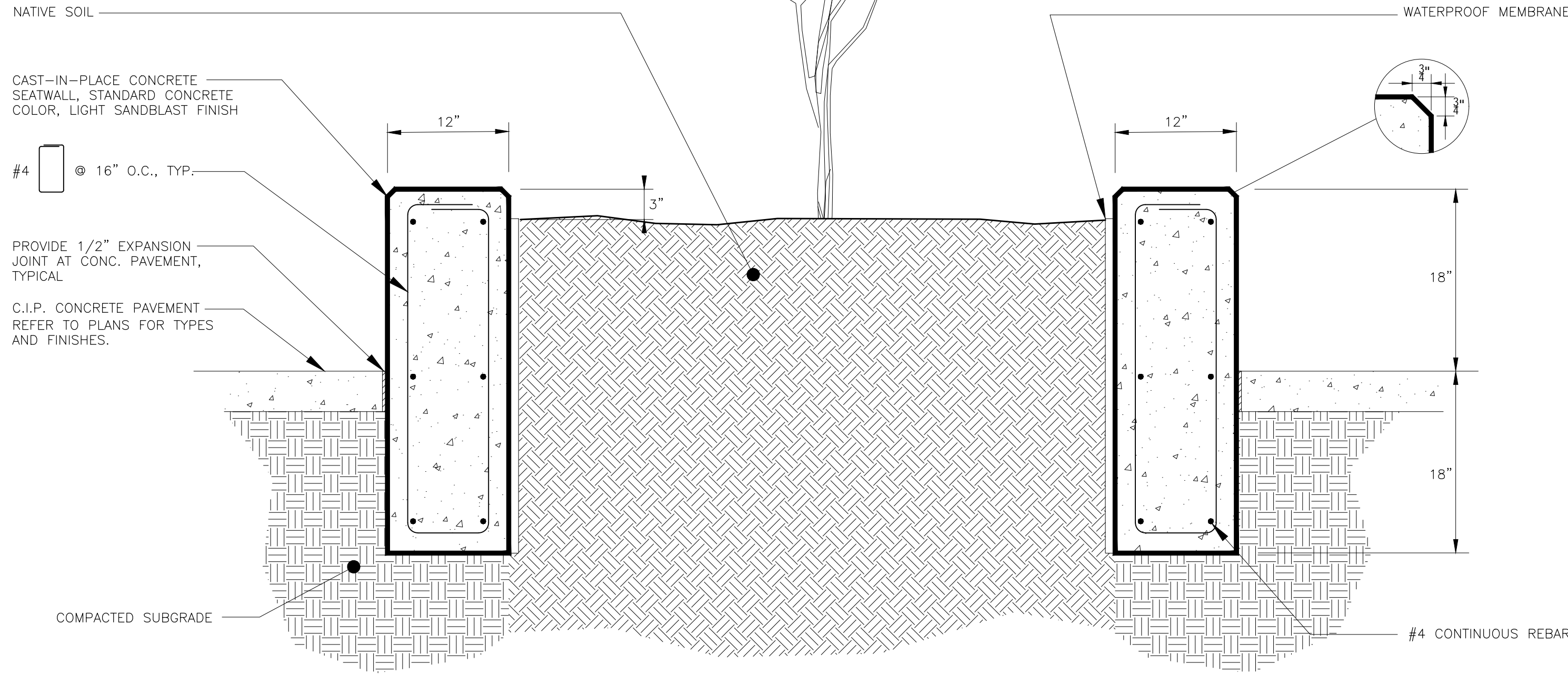


PLEASE RECYCLE

L3.1

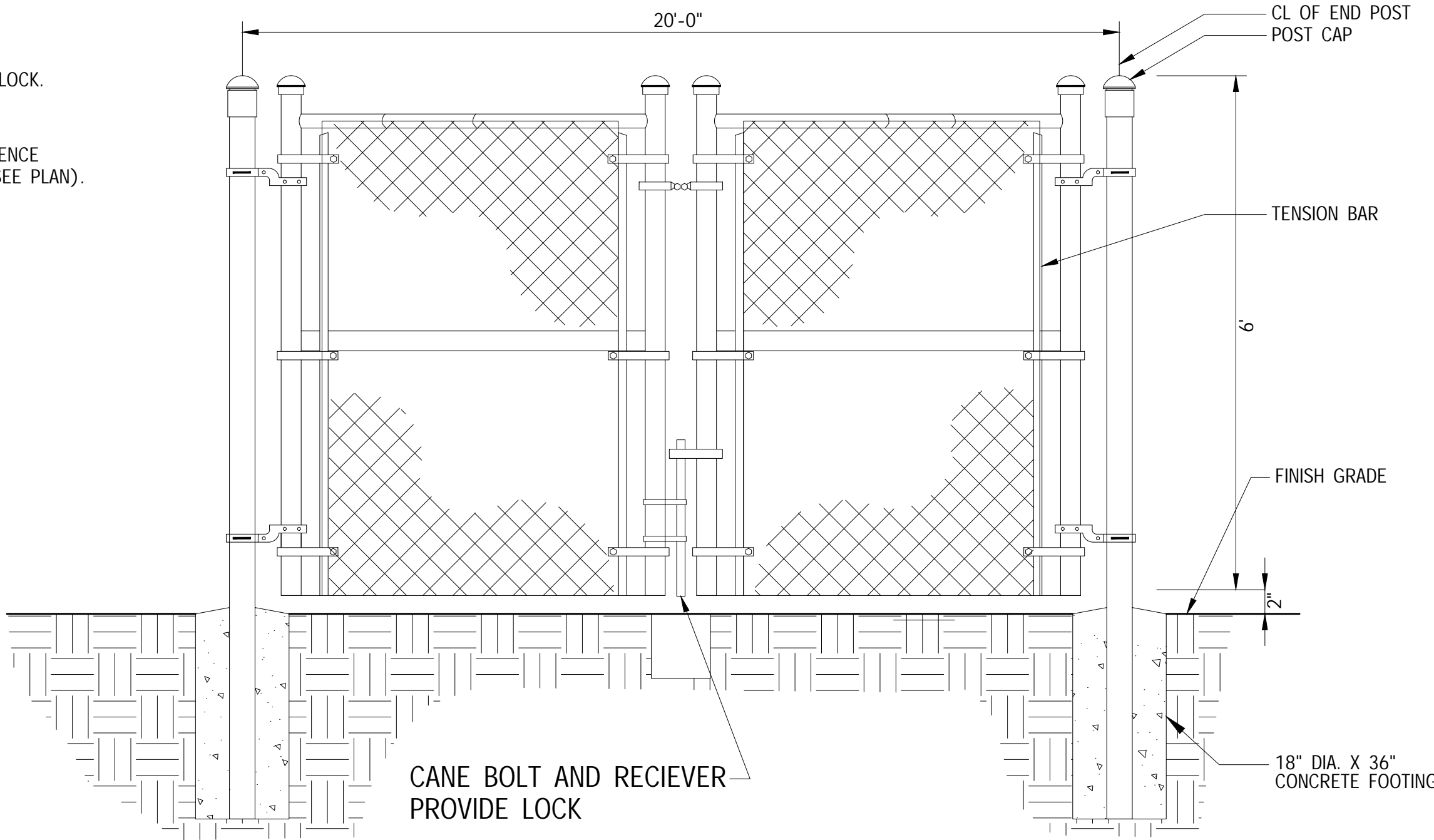
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NOTE:
1. CONCRETE PER SPECIFICATIONS.



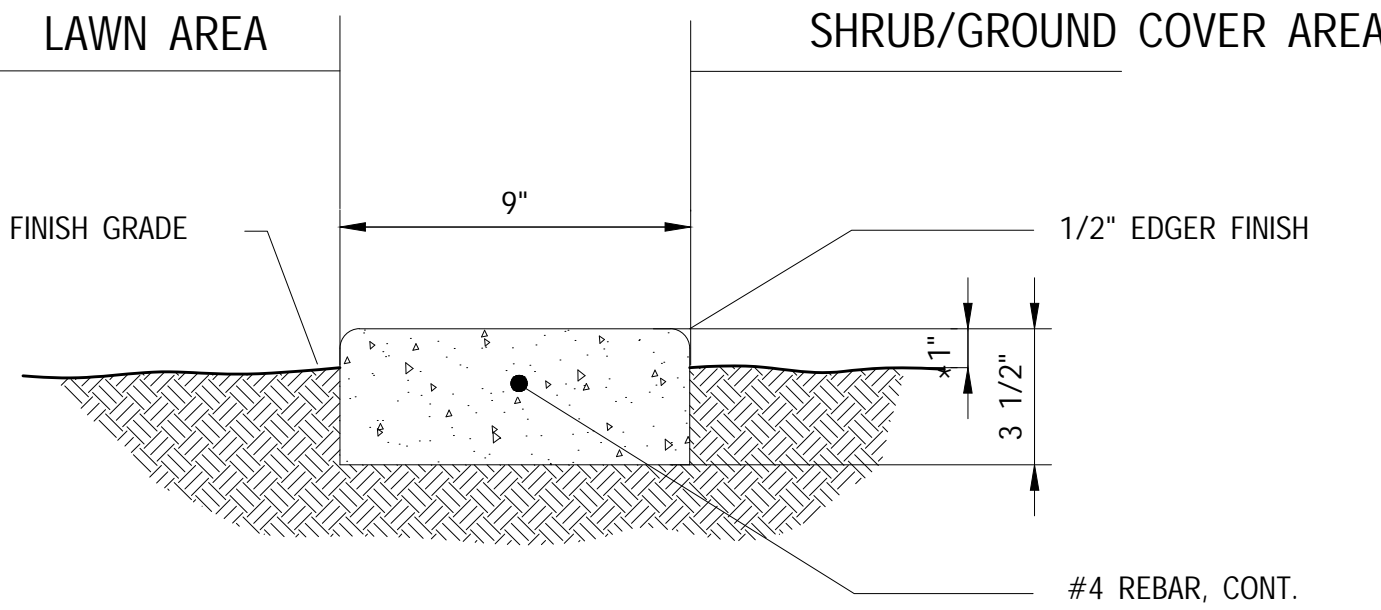
1 CAST-IN-PLACE CONCRETE RAISED PLANTER

- NOTES:
1. TOP OF FENCE TO BE LEVEL.
 2. INSTALL FABRIC WITH KNUCKLED EDGE ON TOP.
 3. CONSTRUCT GATE WITH GSP FRAME. PROVIDE ALL HARDWARE AND ANTI-VANDALISM LOCK.
 4. FABRIC TO BE HELD TO POSTS AND GATE USING STRETCHER BARS AND CLIPS.
 5. CONTRACTOR TO CUT AND REMOVE EXISTING FENCE PANELS AND GATES TO INSTALL NEW GATES (SEE PLAN).



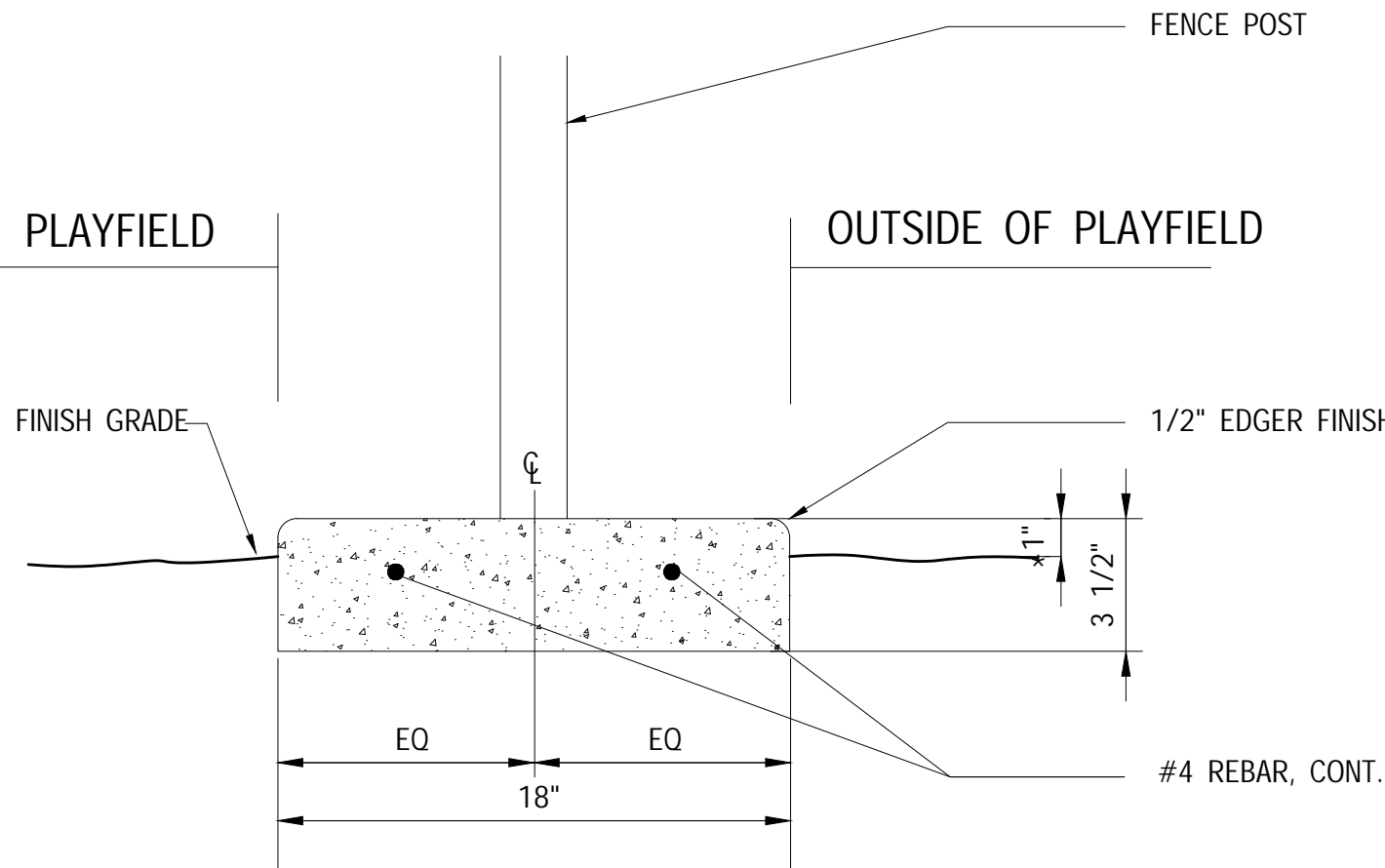
3 6' TALL CHAIN LINK FENCE GATE

- NOTES:
1. USE 1/2" FELT EXPANSION JOINT MATERIAL AT ALL CHANGES OF DIRECTIONS AND AT 10' O.C.
 - *2. WHEN SURFACE DRAINAGE IS INTENDED TO FLOW TOWARD AND ACROSS MOWSTRIP, SOIL SURFACE SHALL BE FLUSH WITH TOP OF MOWSTRIP. UNLESS OTHERWISE NOTED SOIL SHALL BE 1" BELOW TOP OF MOWSTRIP.
 3. FINISH SHALL BE FINE BROOM.



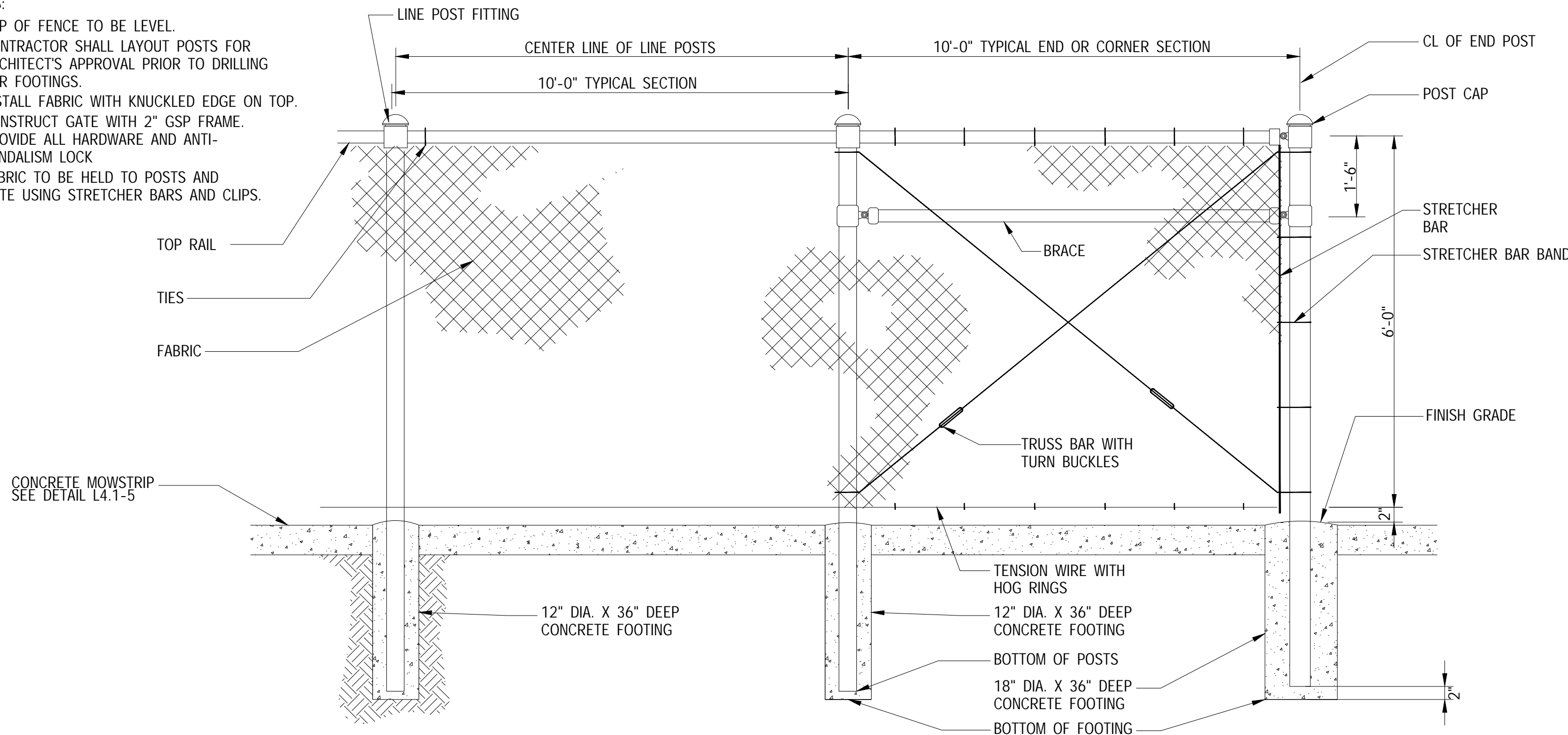
4 9" WIDE CONCRETE MOWSTRIP DETAIL

- NOTES:
1. USE 1/2" FELT EXPANSION JOINT MATERIAL AT ALL CHANGES OF DIRECTIONS AND AT 10' O.C.
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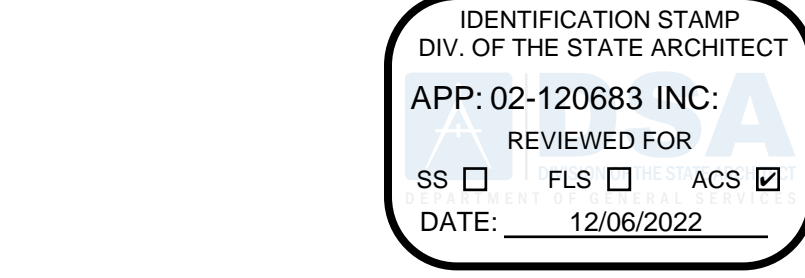
5 18" WIDE CONCRETE MOWSTRIP DETAIL

- NOTES:
1. TOP OF FENCE TO BE LEVEL.
 2. CONTRACTOR SHALL LAYOUT POSTS FOR ARCHITECT'S APPROVAL PRIOR TO DRILLING FOR FOOTINGS.
 3. INSTALL FABRIC WITH KNUCKLED EDGE ON TOP.
 4. CONSTRUCT GATE WITH 2" GSP FRAME. PROVIDE ALL HARDWARE AND ANTI-VANDALISM LOCK.
 5. FABRIC TO BE HELD TO POSTS AND GATE USING STRETCHER BARS AND CLIPS.



2 6' TALL CHAIN LINK FENCE

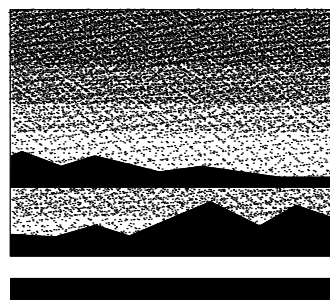
NOTES:



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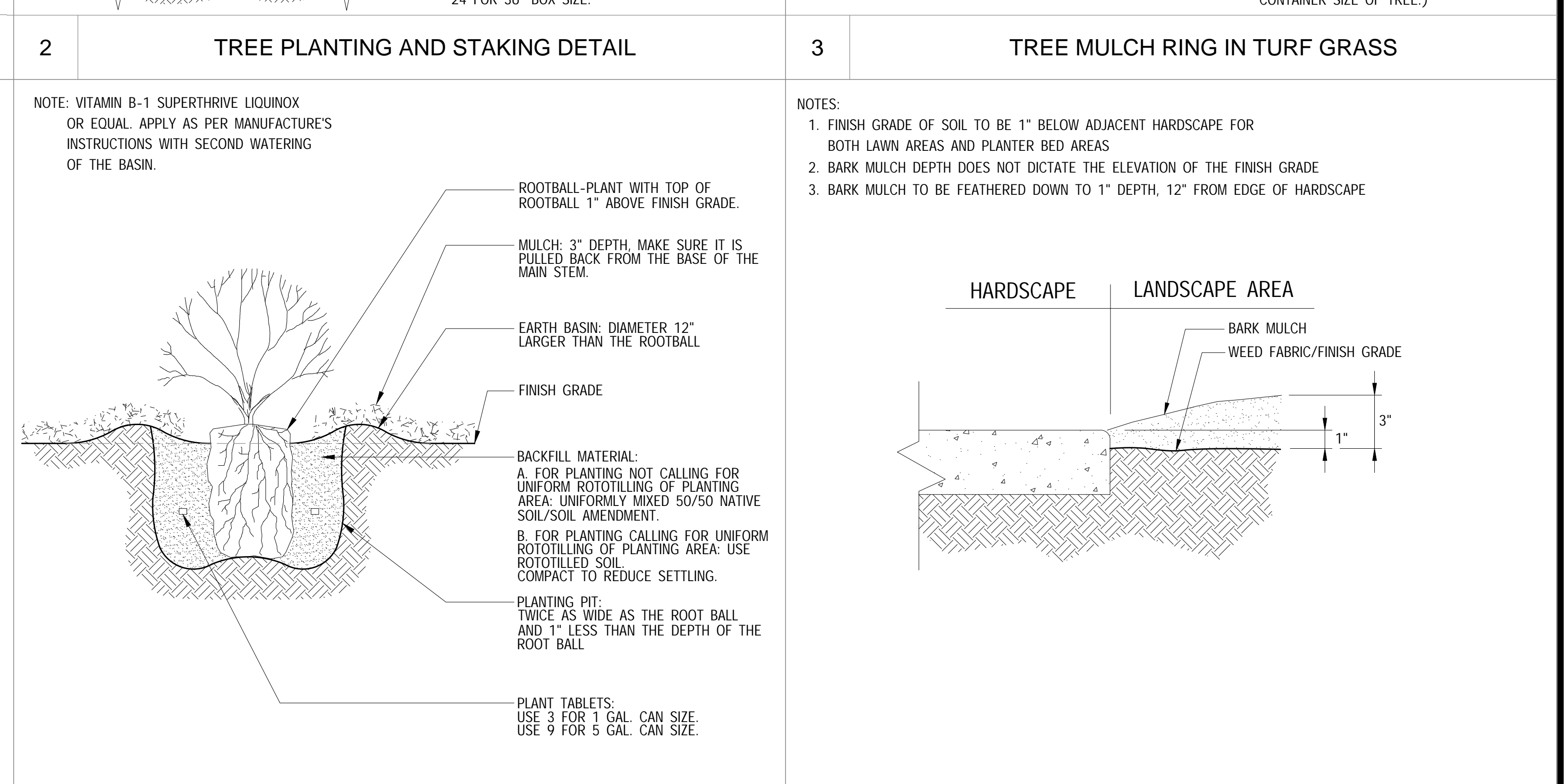
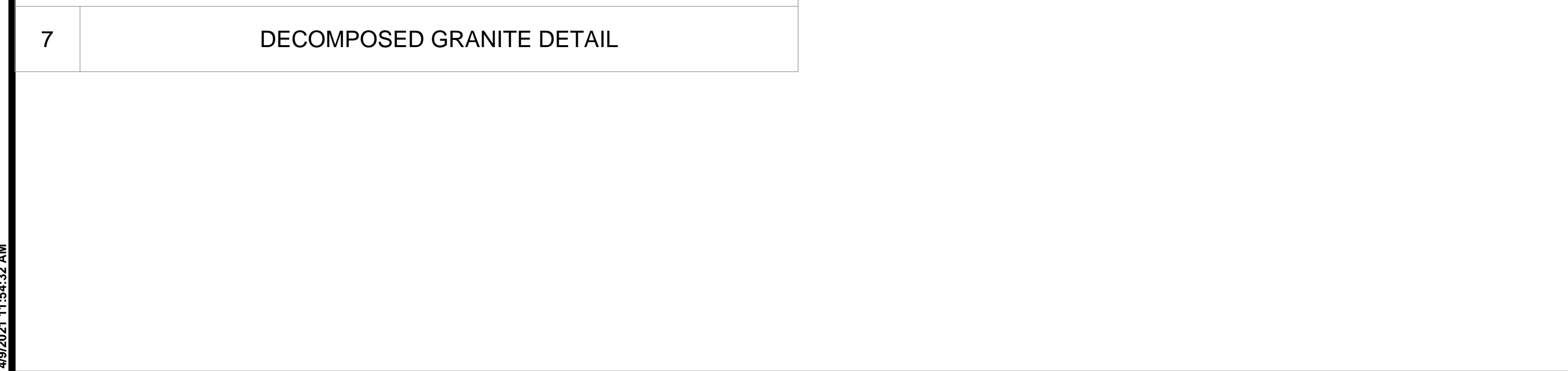
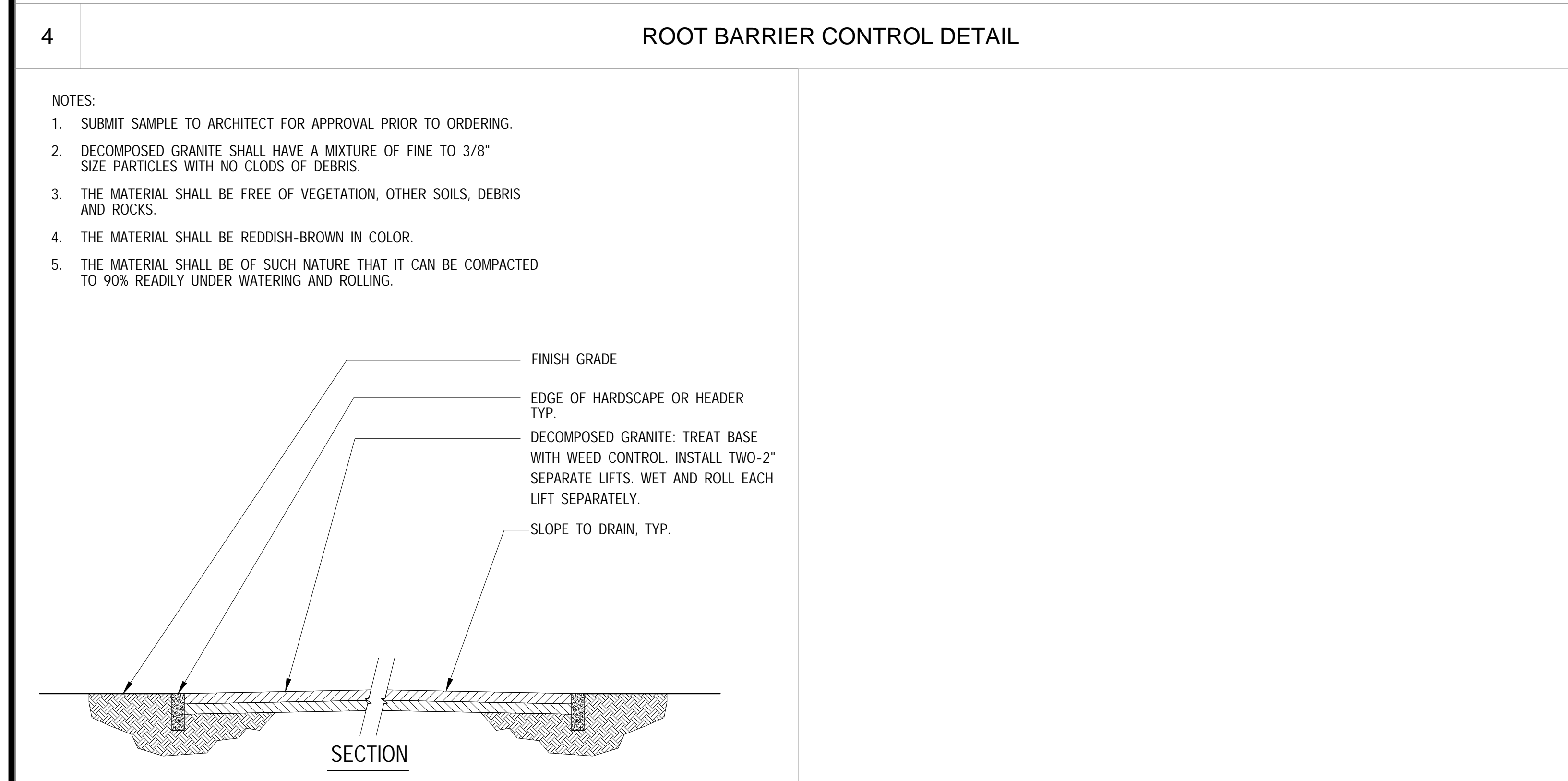
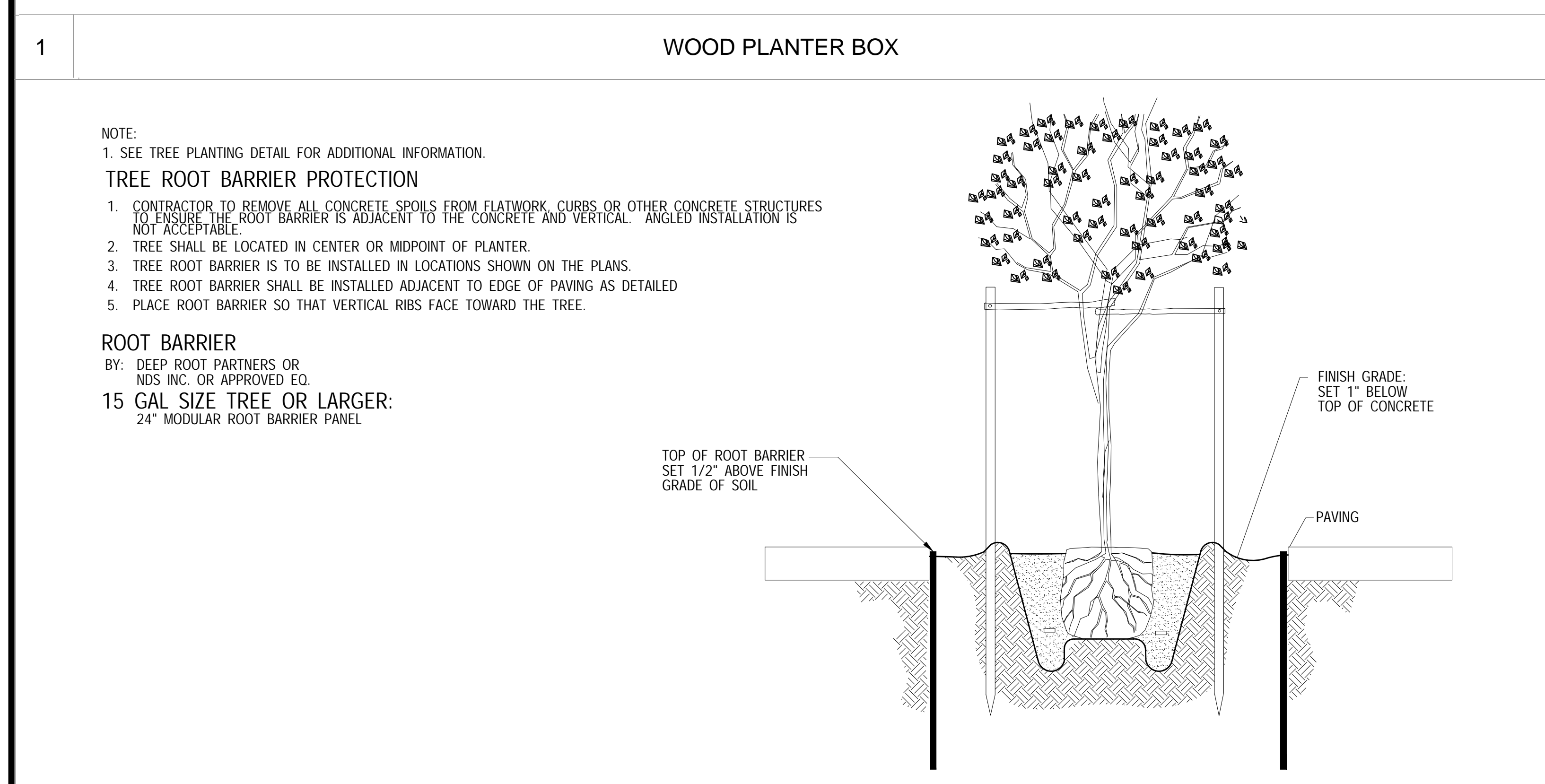
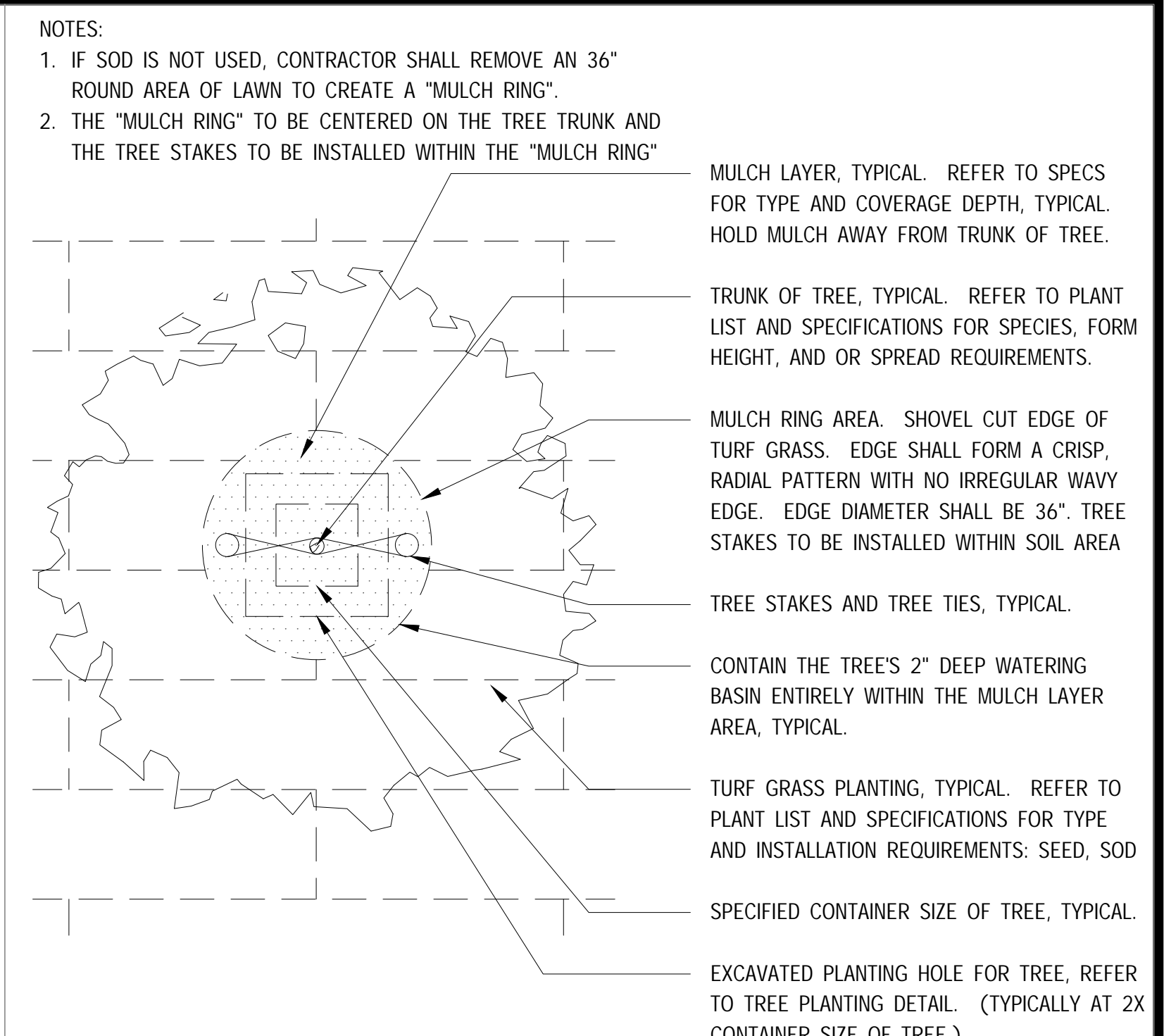
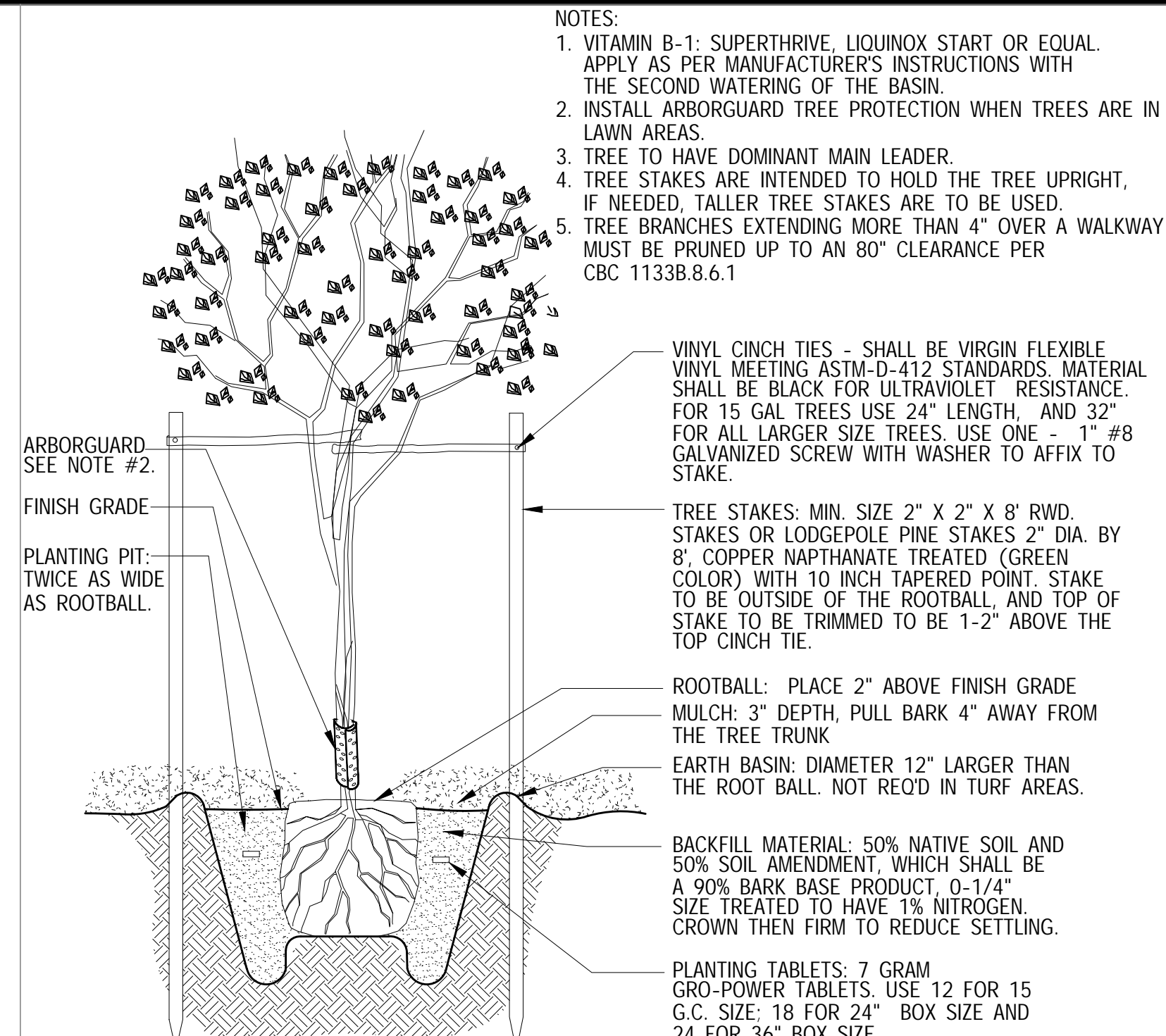
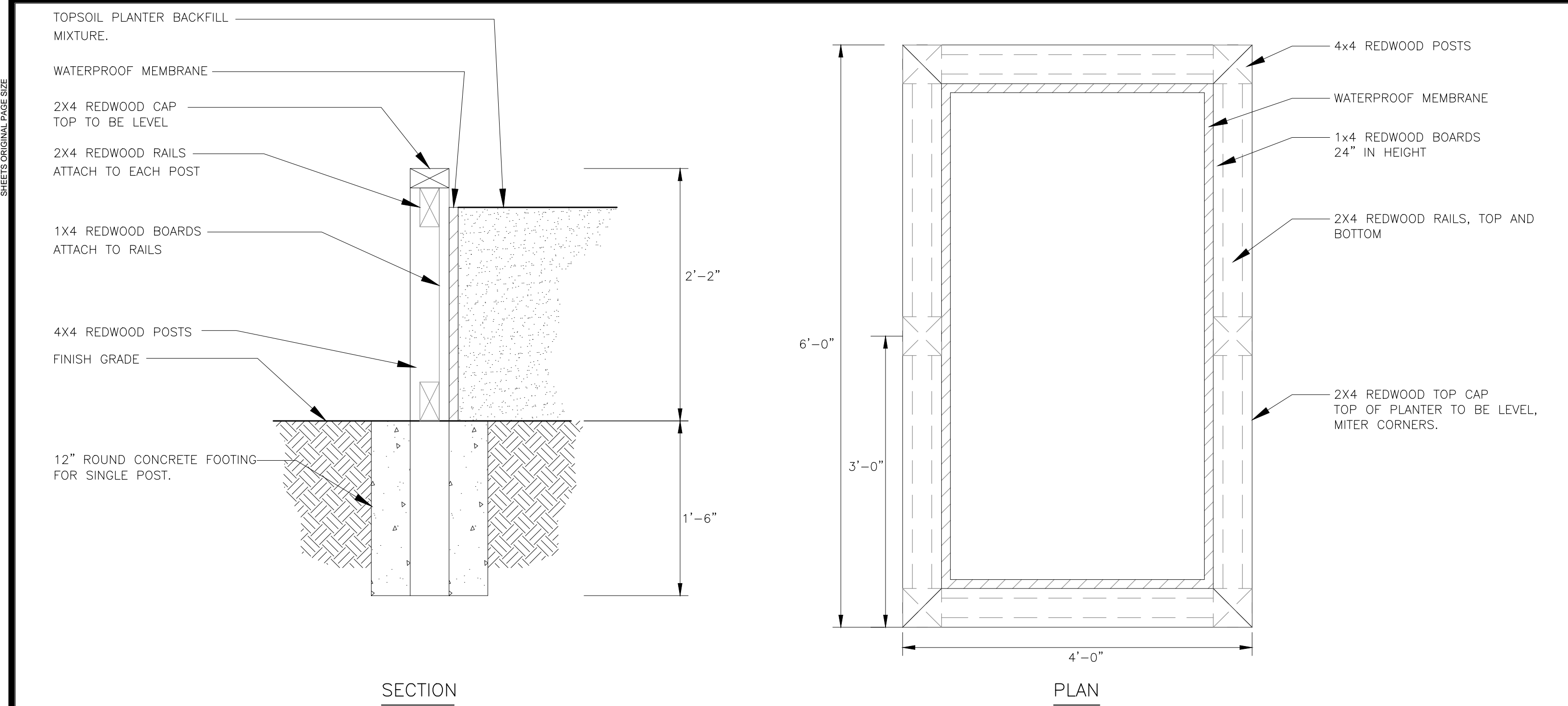
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SITE DETAILS

DATE: 11/30/22
CLIENT PROJ NO:

SHEET:

L4.1

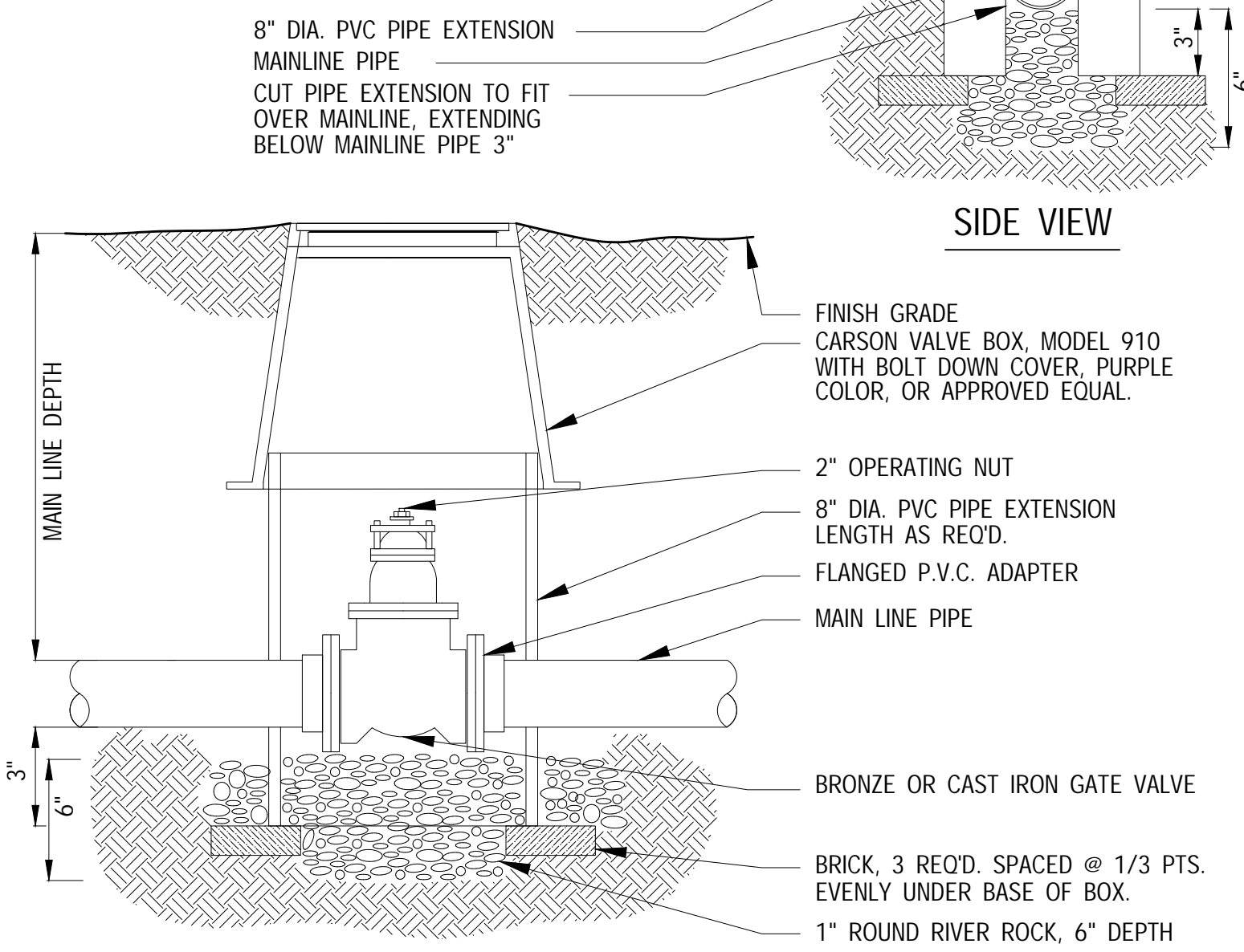
ALL DIMENSIONS SHOWN ABOVE THE
DRAWING UNLESS OTHERWISE NOTED
SHEET ORIGIN: PAGE 1 OF 2



THE LINE SHOWN ABOVE IS
EXACTLY ONE INCH LONG AT THIS
SHEETS ORIGINAL PAGE SIZE

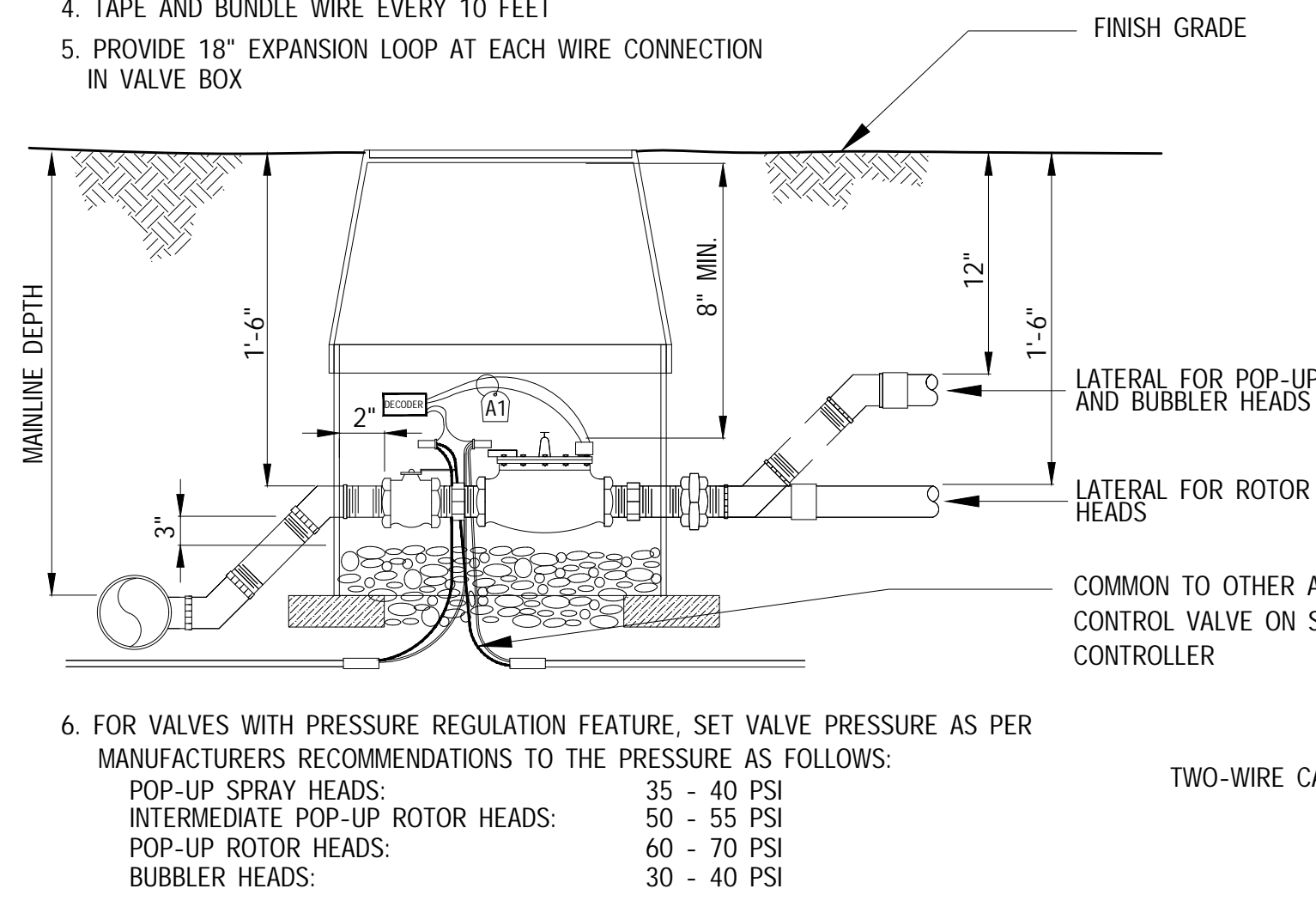
NOTES:

1. ALL GALVANIZED PIPE SHALL BE THREADED AND A NON-HARDENING PIPE DOPE TO BE USED ON ALL THREADS.
2. COMPACT SOIL AROUND PLASTIC VALVE BOX TO SAME DENSITY AS SURROUNDING UNDISTURBED SOIL.

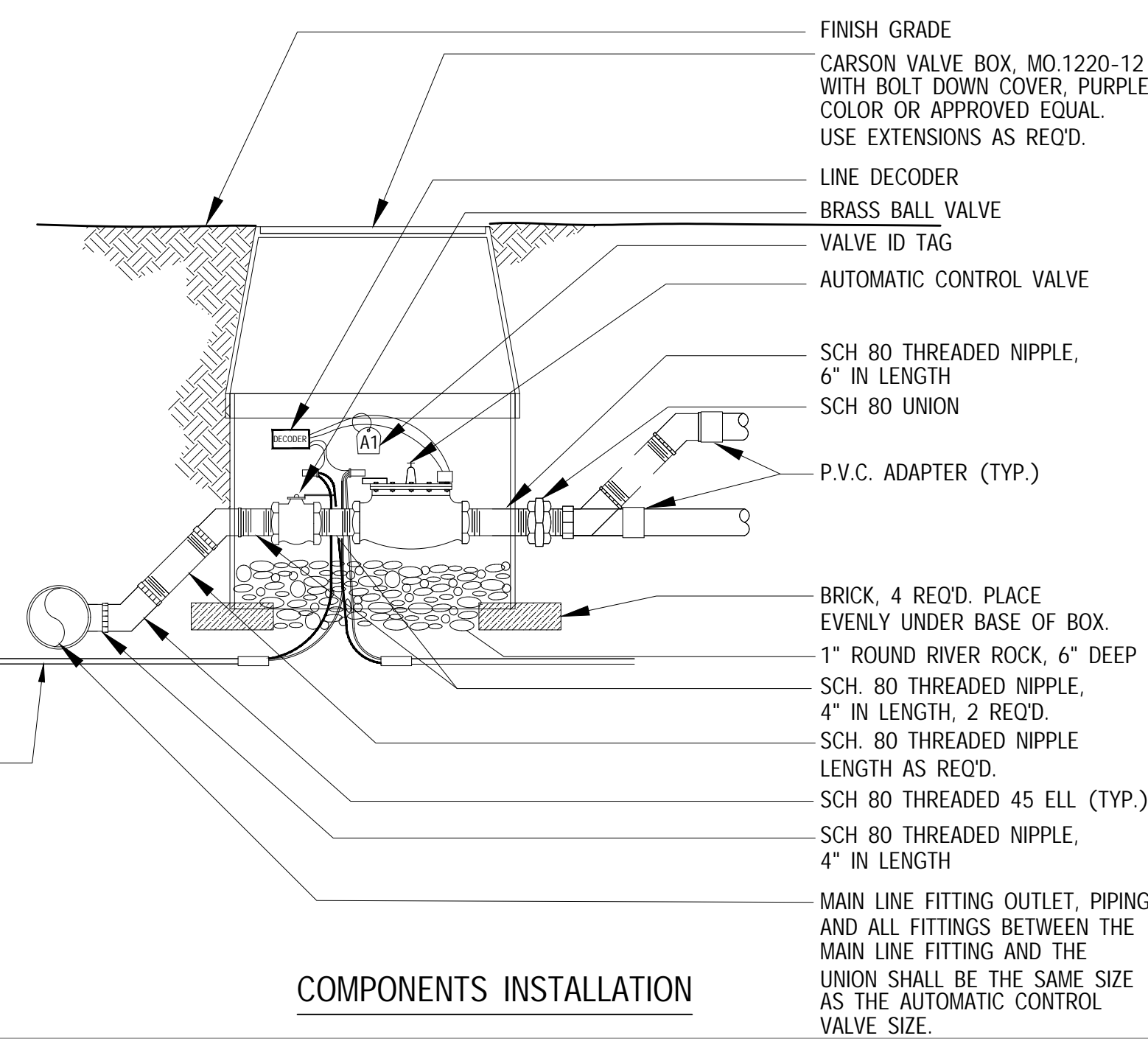


NOTES:

1. SET VALVE BOX LEVEL WITH FINISH GRADE.
2. INSTALL VALVE BOX EXTENSIONS AS REQUIRED.
3. CONNECT ALL WIRES WITH WEATHER TIGHT CONNECTORS.
SPICES IN WIRE SHALL BE PERMITTED ONLY AT VALVE LOCATIONS.
4. TAPE AND BUNDLE WIRE EVERY 10 FEET
5. PROVIDE 18" EXPANSION LOOP AT EACH WIRE CONNECTION
IN VALVE BOX



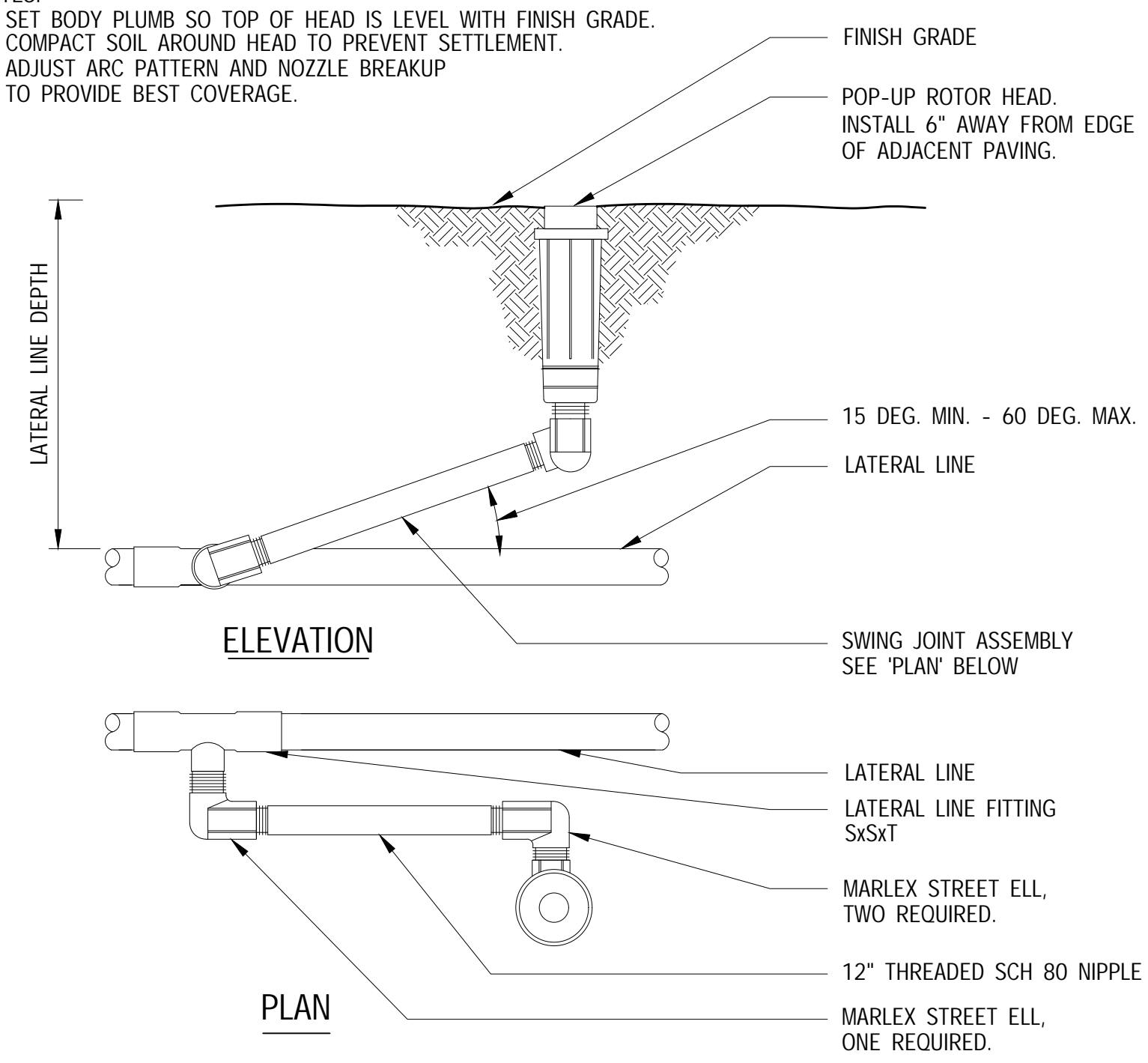
VALVE BOX, SETTINGS, AND CLEARANCES



COMPONENTS INSTALLATION

NOTES

1. SET BODY PLUMB SO TOP OF HEAD IS LEVEL WITH FINISH GRADE.
2. COMPACT SOIL AROUND HEAD TO PREVENT SETTLEMENT.
3. ADJUST ARC PATTERN AND NOZZLE BREAKUP TO PROVIDE BEST COVERAGE.



PLAN

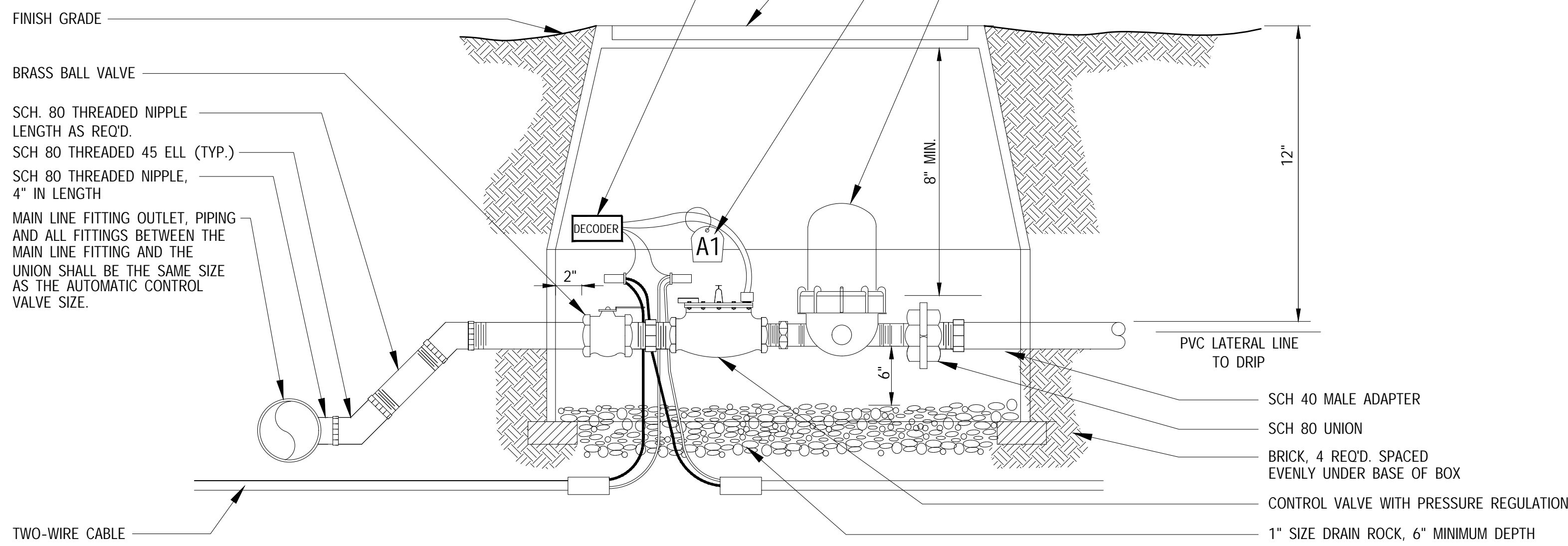
1	GATE VALVE DETAIL, 4" SIZE AND LARGER
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2 | AUTOMATIC CONTROL VALVE/BALL VALVE WITH LINE DECODER DETAIL

3	POP-UP ROTOR HEAD DETAIL
---	--------------------------

NOTES:

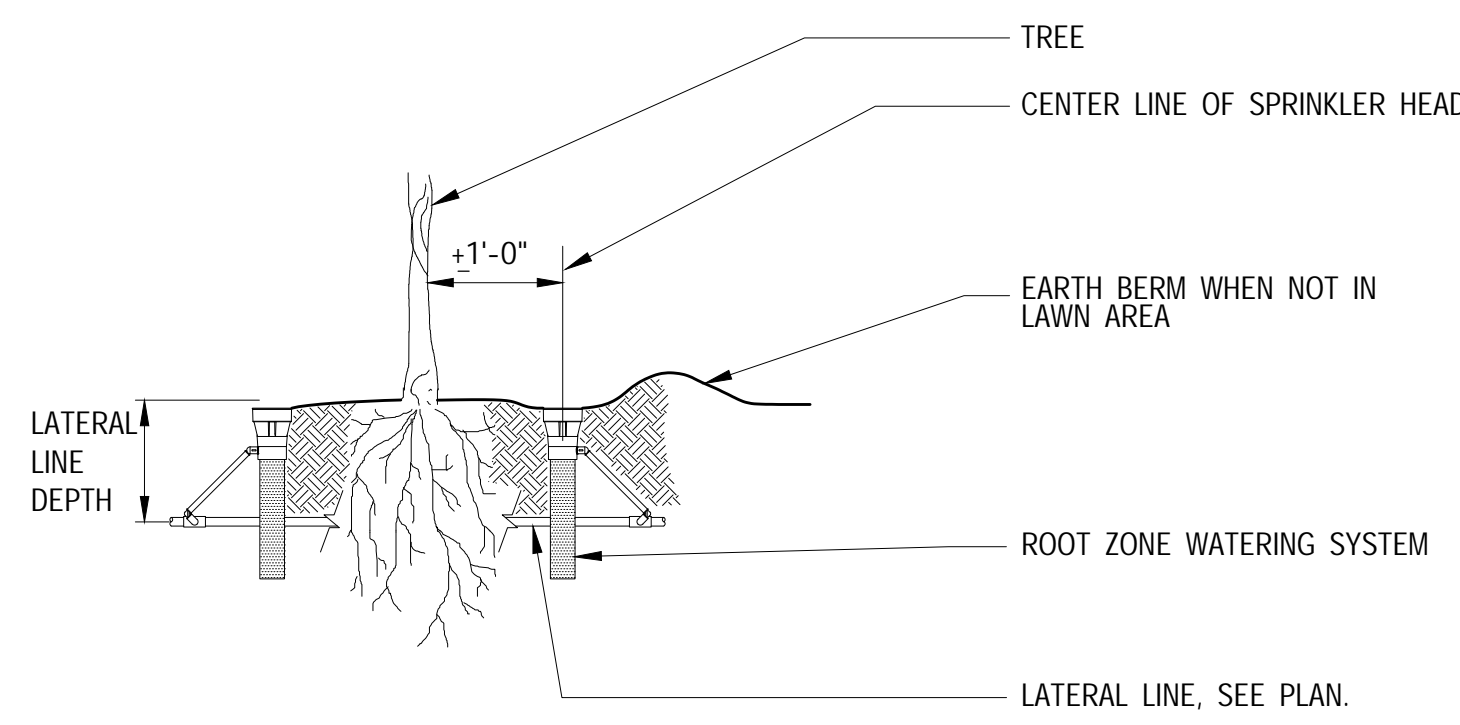
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3. CONNECT ALL WIRES WITH WEATHER TIGHT CONNECTORS.
SPICES IN WIRE SHALL BE PERMITTED ONLY AT VALVE LOCATIONS.
4. TAPE AND BUNDLE WIRE EVERY 10 FEET
5. PROVIDE 18" EXPANSION LOOP OF COILED WIRE AT EACH WIRE CONNECTION IN VALVE BOX.



PRESSURE REGULATOR DRIP IRRIGATION VALVE DETAIL

NOTES:

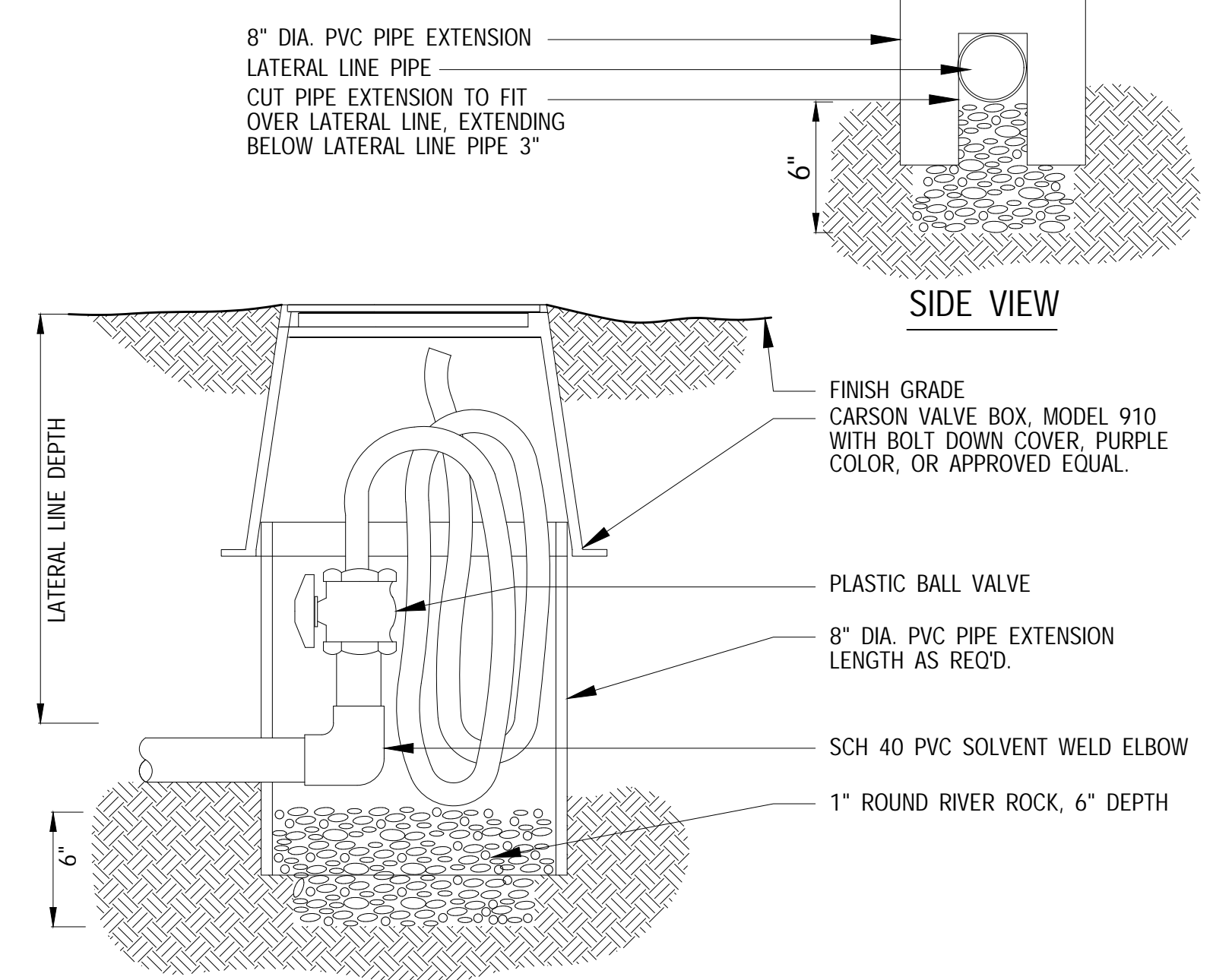
1. SEE TREE PLANTING DETAIL FOR ADDITIONAL INFORMATION.
2. INSTALL RZWS SLEEVE OVER TUBE TO HELP PREVENT SOIL INTRUSION



TREE BUBBLER HEAD DETAIL

NOTE:

1. COMPACT SOIL AROUND PLASTIC VALVE BOX TO SAME DENSITY AS SURROUNDING UNDISTURBED SOIL.



MANUAL FLUSH VALVE DETAIL

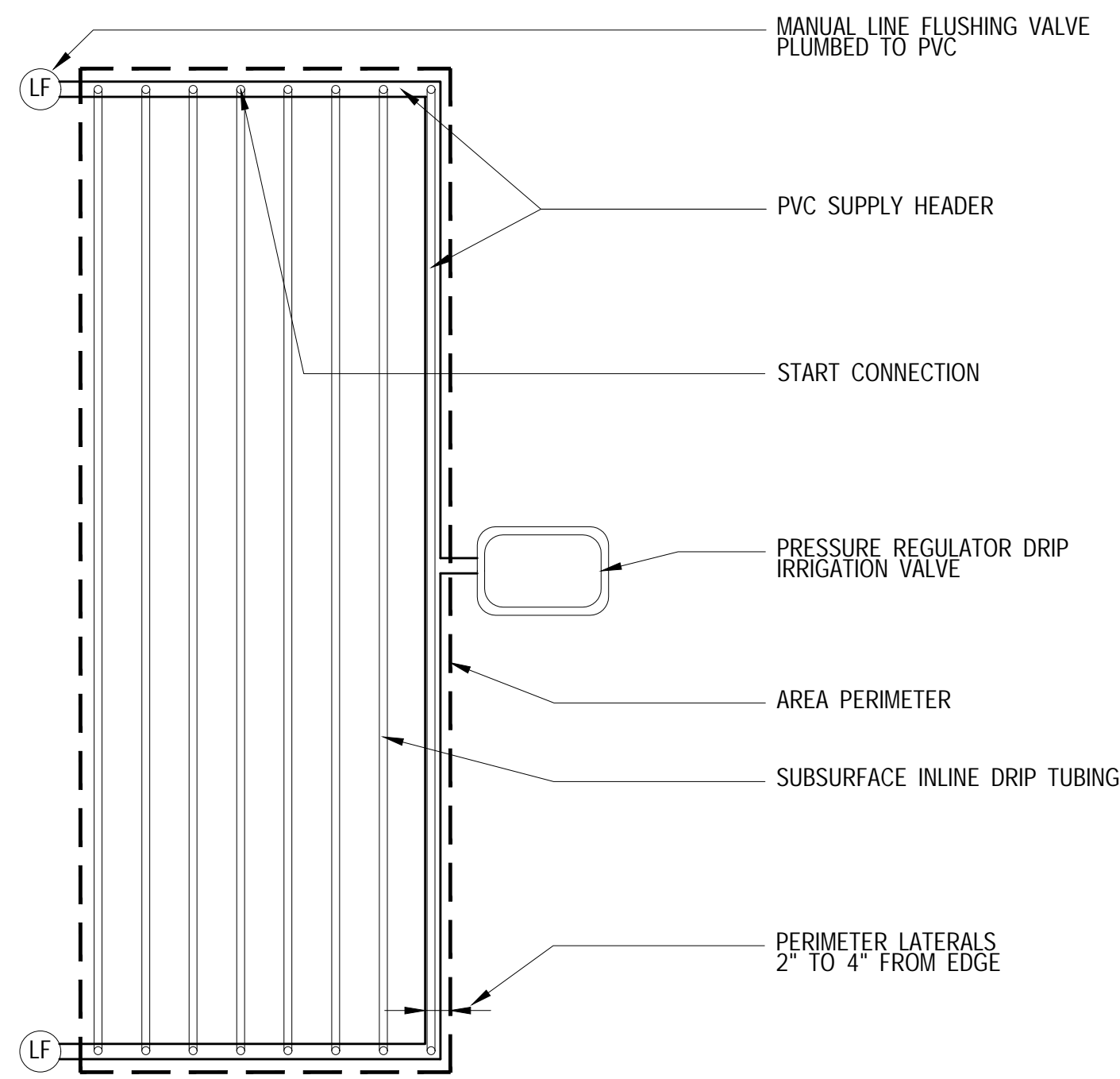
A cross-sectional diagram of a subsurface drip irrigation system. The diagram shows a horizontal line representing the ground surface, labeled "FINISH GRADE". Below this, a horizontal line represents the "SUBSURFACE DRIP TUBE DEPTH". A vertical line represents the "LATERAL LINE DEPTH". The system components, from top to bottom, are: "ELBOW", "SUBSURFACE INLINE EMITTER", "SUBSURFACE DRIP TUBING", "BLANK DRIP TUBING", "MALE ADAPTER", "PVC TEE (SxSxT)", and "PVC PIPING". The diagram illustrates the vertical and horizontal layout of the irrigation system components relative to the ground surface and the lateral line depth.

SUBSURFACE DRIP - ELBOW START CONNECTION DETAIL

Diagram illustrating the components and dimensions of a subsurface drip irrigation system:

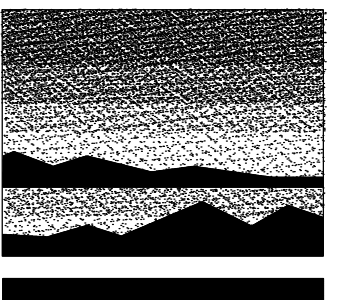
- FINISH GRADE
- TEE
- SUBSURFACE DRIP TUBING
- INLINE EMITTER
- SUBSURFACE DRIP TUBE DEPTH
- BLANK DRIP TUBING
- MALE ADAPTER
- PVC TEE (SxSxT)
- PVC PIPING
- LATERAL LINE DEPTH

SUBSURFACE DRIP - TEE START CONNECTION DETAIL



SUBSURFACE INLINE DRIP LAYOUT DETAIL

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WOODLAND, CA 95776

PROJECT:
WJUSD SPRING LAKE ES PLAYFIELD

SHEET NAME:
LANDSCAPE IRRIGATION DETAILS

DATE: 11/30/22

CLIENT PROJ NO:

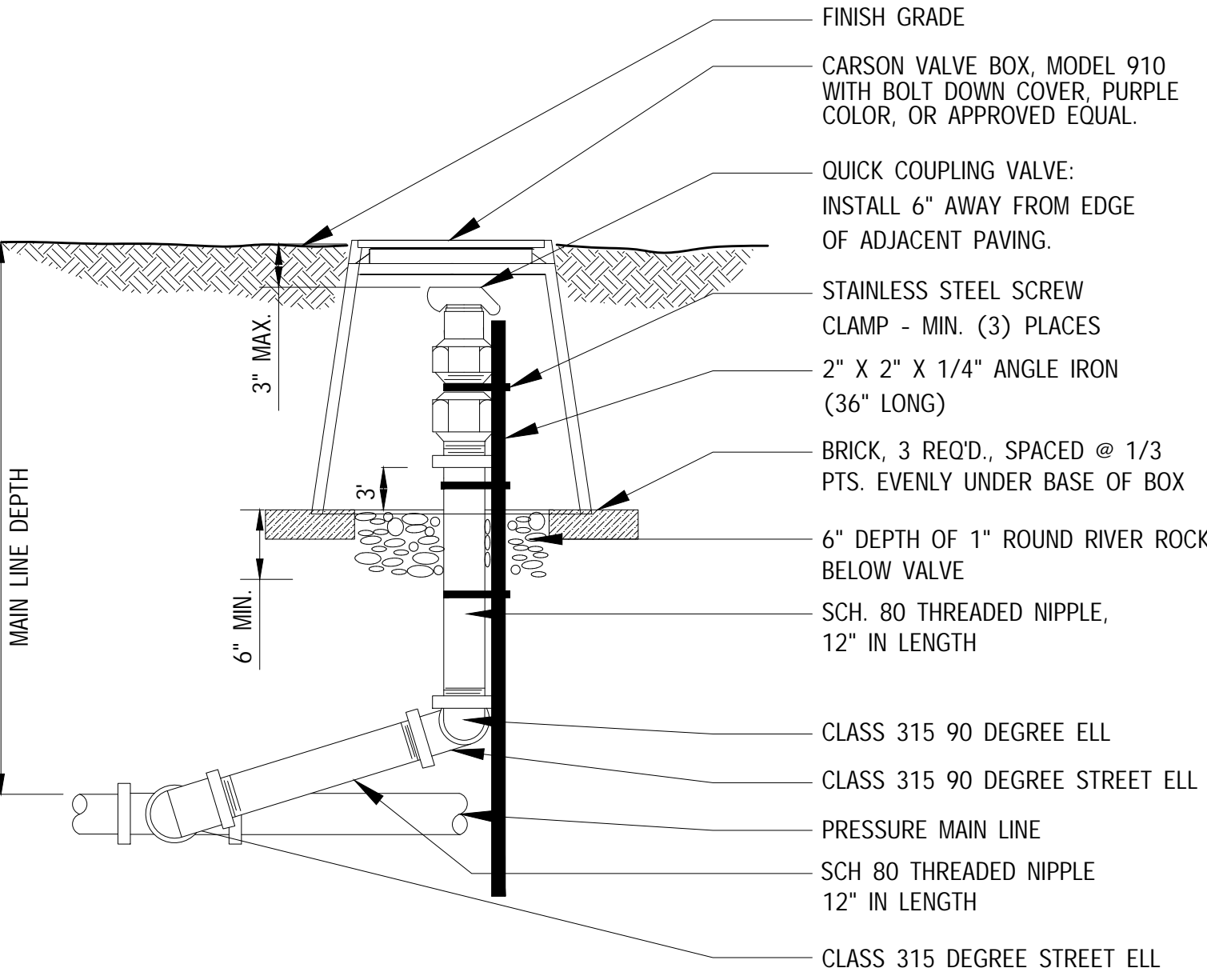
SHEET:

L4.3

PLEASE RECYCLE 

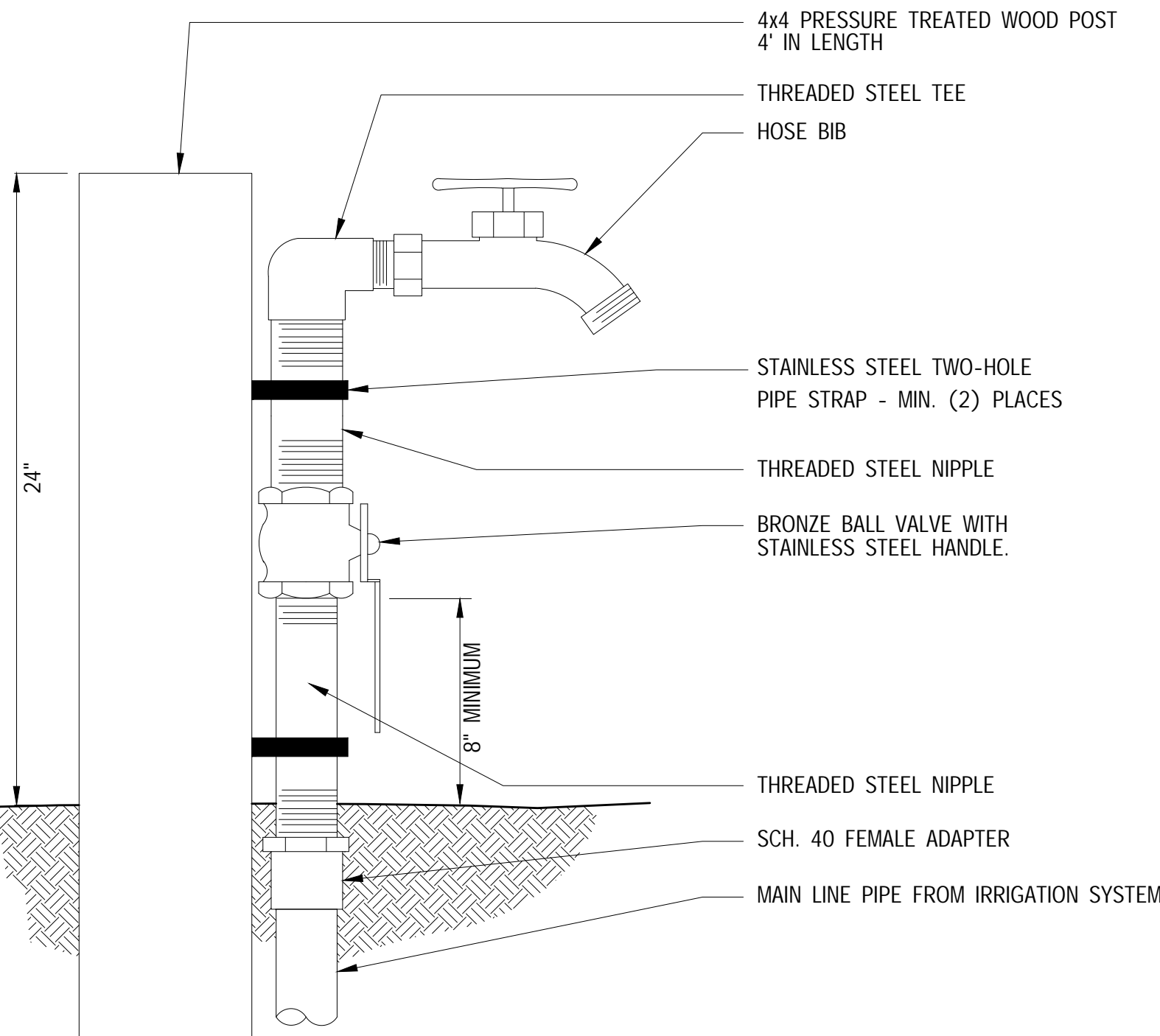
4/20/2021 11:54:32 AM

NOTES:
1. INSTALL VALVE BOXES SO THAT THE TOP OF THE BOX IS FLUSH WITH THE TOP OF ADJACENT SURFACE.
2. USE TEFLON TAPE ON ALL THREADED CONNECTIONS.



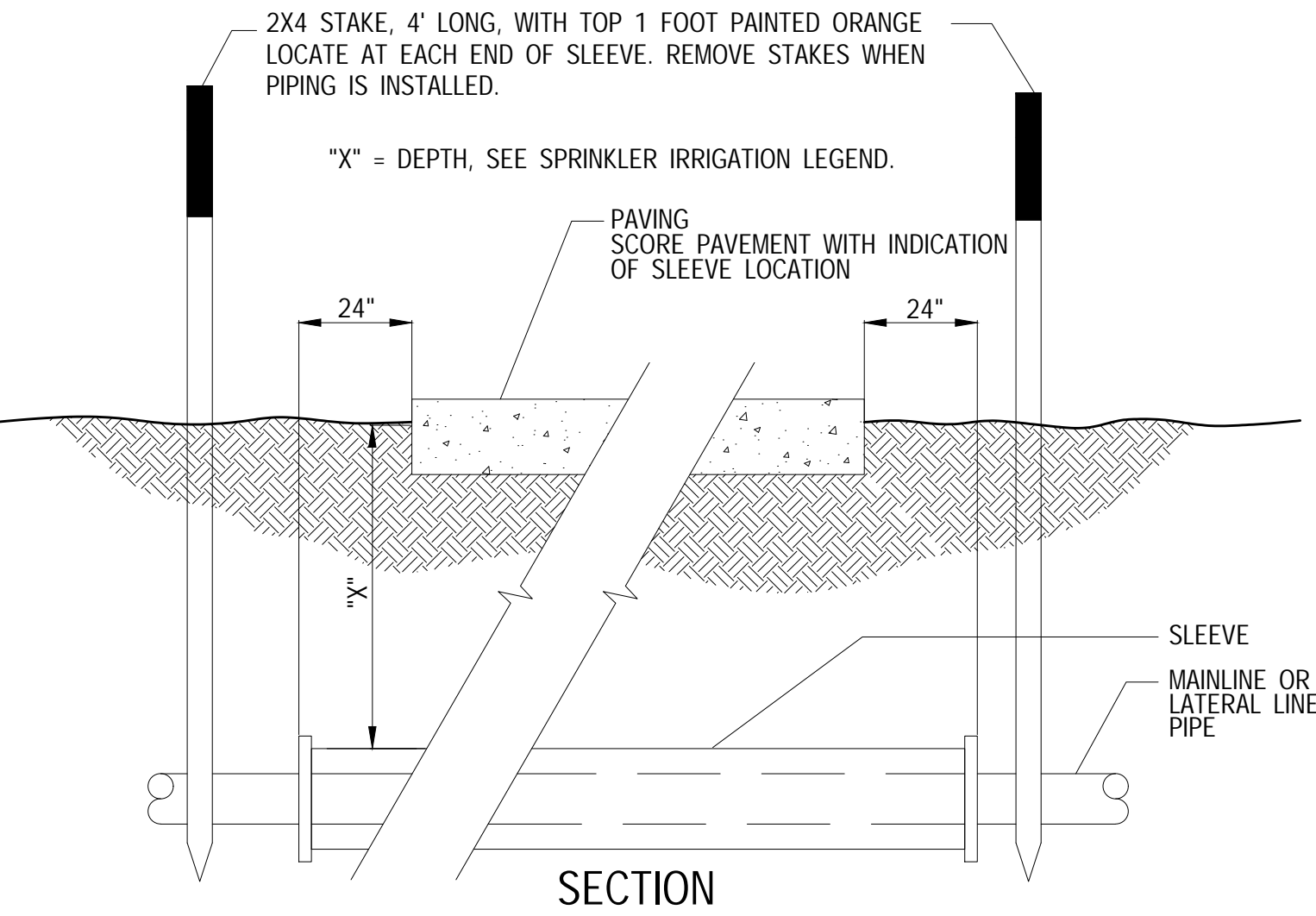
1 QUICK COUPLING VALVE DETAIL

NOTE:
1. ALL METAL PIPE AND FITTINGS TO BE GALVANIZED



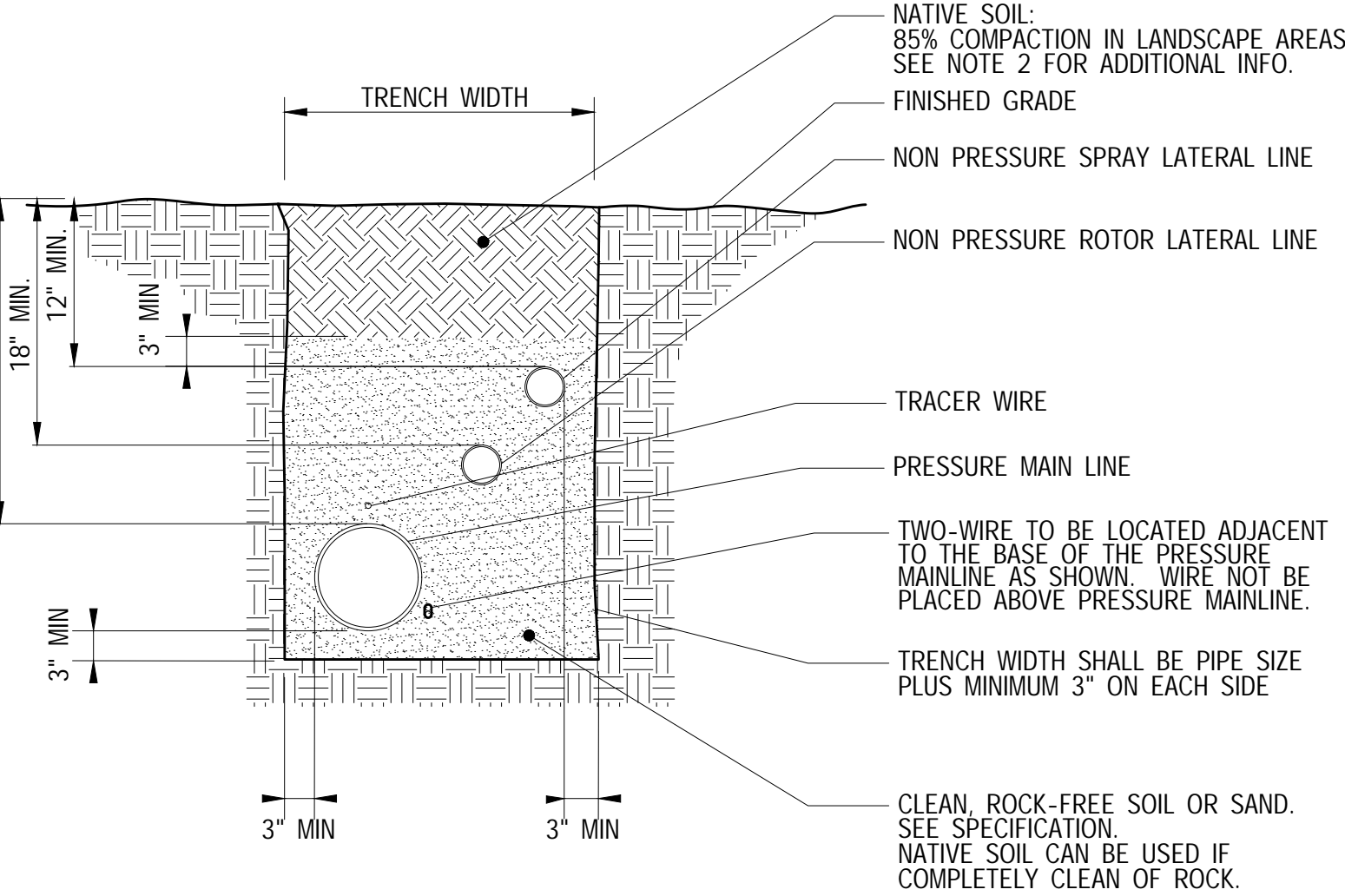
2 GARDEN HOSE BIB DETAIL

NOTES:
1. ALL PIPE AND FITTINGS TO BE SCHEDULE 40, P.V.C.
2. SEE PLAN FOR LOCATION.
3. SLEEVES TO BE LARGE ENOUGH TO ACCEPT THE PIPE AND FITTINGS TO BE ENCASED.
4. PROVIDE A SEPARATE SLEEVE FOR EACH LATERAL OR MAIN CROSSING.
5. TAPE ALL ENDS WITH DUCT TAPE TO PREVENT ENTRY OF SOIL.



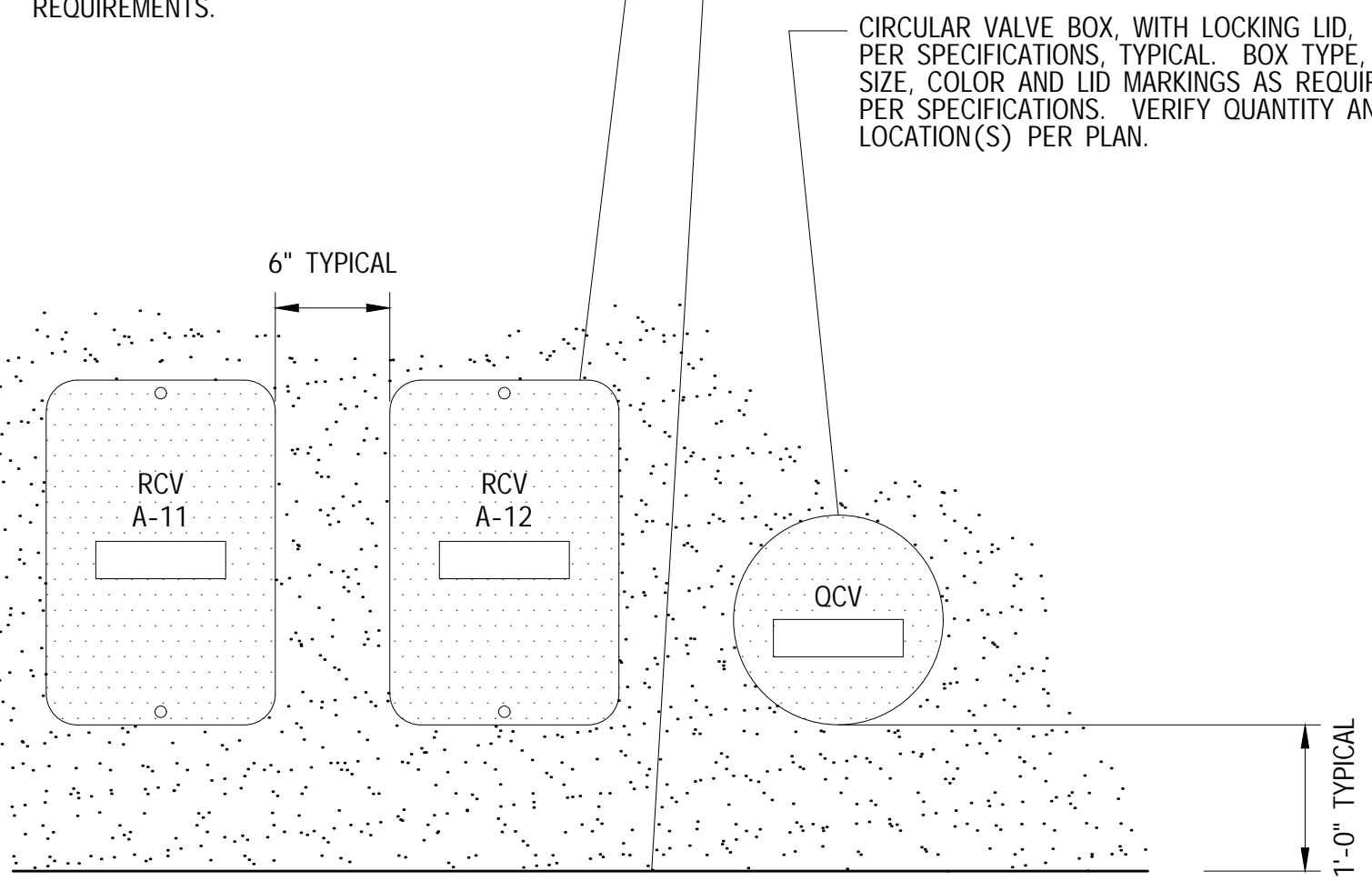
3 SLEEVE DETAIL

NOTES:
1. REFER TO SPECIFICATIONS AND PLAN SHEETS FOR MORE INFORMATION.
2. WHEN TRENCHES ARE LOCATED UNDER PAVEMENT, COMPACTION RATE FOR THE BACKFILL SHALL COMPLY WITH THE COMPACTION RATES REQUIRED FOR THOSE PAVING SECTIONS.
3. PIPES TO HAVE A MINIMUM OF 6" HORIZONTAL SEPARATION WHEN PLACED IN THE SAME TRENCH ALONG WITH A MINIMUM OF 6" VERTICAL SEPARATION BETWEEN PIPES.

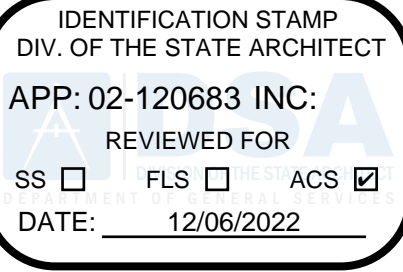


4 PIPE TRENCH DETAIL

NOTE:
1. ALIGN VALVE BOXES PARALLEL TO EACH OTHER AND PERPENDICULAR TO EDGES OF WALKS, WALLS, FENCING, BUILDINGS, ETC., TYPICAL.
2. REFER TO SPECIFICATIONS FOR ADDITIONAL VALVE BOX INSTALLATION REQUIREMENTS.



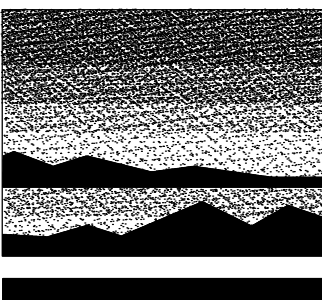
5 TYPICAL VALVE BOX LAYOUT



3535003108
2101 CAPITOL AVE,
SUITE 100
SACRAMENTO, CA 95816
916-368-7990 / www.hmcarchitects.com

ISSUE	
Δ DESCRIPTION	DATE

21-03



MTWgroup
LANDSCAPE ARCHITECTURE
AND PLANNING
2707 K Street, Suite 201
Sacramento, CA 95816
916.369.3990



Peter D. Larimer C-5284

FACILITY:
SPRING LAKE ELEMENTARY SCHOOL
2209 MIEKLE AVE
WOODLAND, CA 95776

PROJECT:
WJUSD SPRING LAKE ES PLAYFIELD

SHEET NAME:
LANDSCAPE IRRIGATION DETAILS

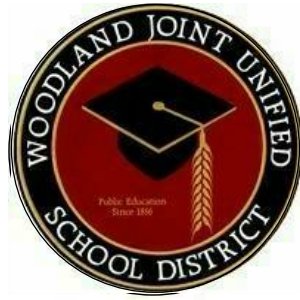
DATE: 11/30/22
CLIENT PROJ NO:

SHEET:

L4.4

FILE NAME: SPRING LAKE ES
DATE: 11/30/22
SHEET: 001 OF 001

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-120683 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☒
DATE: 12/06/2022



3535003108
2101 CAPITOL AVE,
SUITE 100
SACRAMENTO, CA 95816
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ISSUE

DESCRIPTION	DATE
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IRRIGATION SCHEDULE TABLE

STATION #/HYDROZONE	PLANT WATER USE TYPE	PLANT FACTOR (PF)	IRRIGATION TYPE	FLOW (GPM)	PRECIP. RATE (PR) INCH/HR	IRRIGATION EFFICIENCY (IE)	SOIL TYPE	ROOT DEPTH	SLOPE	EXPOSURE	MAINTENANCE PERIOD (X/Y Z GAL)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
											JANUARY		FEBUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMEBER		DECEMBER																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
1	LAWN - HIGH	0.8	I-25 ROTORS	89.6	0.80	0.75	SANDY LOAM	6"	0-5%	FULL SUN	0 / 1	0 GAL	0 / 1	0 GAL	4 / 1	1,584 GAL	34 / 2	26,930 GAL	37 / 3	43,564 GAL	30 / 5	59,405 GAL	33 / 5	64,949 GAL	24 / 6	56,237 GAL	33 / 3	39,603 GAL	52 / 1	20,594 GAL	0 / 1	0 GAL	0 / 1	0 GAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
2	LAWN - HIGH	0.8	I-25 ROTORS	80.4	0.80	0.75	SANDY LOAM	6"	0-5%	FULL SUN	0 / 1	0 GAL	0 / 1	0 GAL	4 / 1	1,421 GAL	34 / 2	24,165 GAL	37 / 3	39,090 GAL	30 / 5	53,305 GAL	33 / 5	58,280 GAL	24 / 6	50,462 GAL	33 / 3	35,537 GAL	52 / 1	18,479 GAL	0 / 1	0 GAL	0 / 1	0 GAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
3	LAWN - HIGH	0.8	I-25 ROTORS	93.8	0.80	0.75	SANDY LOAM	6"	0-5%	FULL SUN	0 / 1	0 GAL	0 / 1	0 GAL	4 / 1	1,658 GAL	34 / 2	28,193 GAL	37 / 3	45,606 GAL	30 / 5	62,189 GAL	33 / 5	67,994 GAL	24 / 6	58,873 GAL	33 / 3	41,460 GAL	52 / 1	21,559 GAL	0 / 1	0 GAL	0 / 1	0 GAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
4	LAWN - HIGH	0.8	I-25 ROTORS	78.4	0.80	0.75	SANDY LOAM	6"	0-5%	FULL SUN	0 / 1	0 GAL	0 / 1	0 GAL	4 / 1	1,386 GAL	34 / 2	23,564 GAL	37 / 3	38,118 GAL	30 / 5	51,979 GAL	33 / 5	56,831 GAL	24 / 6	49,207 GAL	33 / 3	34,653 GAL	52 / 1	18,019 GAL	0 / 1	0 GAL	0 / 1	0 GAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
5	LAWN - HIGH	0.8	I-25 ROTORS	93.8	0.80	0.75	SANDY LOAM	6"	0-5%	FULL SUN	0 / 1	0 GAL	0 / 1	0 GAL	4 / 1	1,658 GAL	34 / 2	28,193 GAL	37 / 3	45,606 GAL	30 / 5	62,189 GAL	33 / 5	67,994 GAL	24 / 6	58,873 GAL	33 / 3	41,460 GAL	52 / 1	21,559 GAL	0 / 1	0 GAL	0 / 1	0 GAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
6	LAWN - HIGH	0.8	I-25 ROTORS	93.8	0.80	0.75	SANDY LOAM	6"	0-5%	FULL SUN	0 / 1	0 GAL	0 / 1	0 GAL	4 / 1	1,658 GAL	34 / 2	28,193 GAL	37 / 3	45,606 GAL	30 / 5	62,189 GAL	33 / 5	67,994 GAL	24 / 6	58,873 GAL	33 / 3	41,460 GAL	52 / 1	21,559 GAL	0 / 1	0 GAL	0 / 1	0 GAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
7	LAWN - HIGH	0.8	I-25 ROTORS	67.2	0.80	0.75	SANDY LOAM	6"	0-5%	FULL SUN	0 / 1	0 GAL	0 / 1	0 GAL	4 / 1	1,188 GAL	34 / 2	20,198 GAL	37 / 3	32,673 GAL	30 / 5	44,554 GAL	33 / 5	48,712 GAL	24 / 6	42,177 GAL	33 / 3	29,702 GAL	52 / 1	15,445 GAL	0 / 1	0 GAL	0 / 1	0 GAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
8	LAWN - HIGH	0.8	I-25 ROTORS	78.4	0.80	0.75	SANDY LOAM	6"	0-5%	FULL SUN	0 / 1	0 GAL	0 / 1	0 GAL	4 / 1	1,386 GAL	34 / 2	23,564 GAL	37 / 3	38,118 GAL	30 / 5	51,979 GAL	33 / 5	56,831 GAL	24 / 6	49,207 GAL	33 / 3	34,653 GAL	52 / 1	18,019 GAL	0 / 1	0 GAL	0 / 1	0 GAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
9	LAWN - HIGH	0.8	I-25 ROTORS	78.4	0.80	0.75	SANDY LOAM	6"	0-5%	FULL SUN	0 / 1	0 GAL	0 / 1	0 GAL	4 / 1	1,386 GAL	34 / 2	23,564 GAL	37 / 3	38,118 GAL	30 / 5	51,979 GAL	33 / 5	56,831 GAL	24 / 6	49,207 GAL	33 / 3	34,653 GAL	52 / 1	18,019 GAL	0 / 1	0 GAL	0 / 1	0 GAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
10	LAWN - HIGH	0.8	I-25 ROTORS	56.0	0.80	0.75	SANDY LOAM	6"	0-5%	FULL SUN	0 / 1	0 GAL	0 / 1	0 GAL	4 / 1	990 GAL	34 / 2	16,831 GAL	37 / 3	27,227 GAL	30 / 5	37,128 GAL	33 / 5	40,593 GAL	24 / 6	35,148 GAL	33 / 3	24,752 GAL	52 / 1	12,871 GAL	0 / 1	0 GAL	0 / 1	0 GAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
11	LAWN - HIGH	0.8	I-25 ROTORS	93.8	0.80	0.75	SANDY LOAM	6"	0-5%	FULL SUN	0 / 1	0 GAL	0 / 1	0 GAL	4 / 1	1,658 GAL	34 / 2	28,193 GAL	37 / 3	45,606 GAL	30 / 5	62,189 GAL	33 / 5	67,994 GAL	24 / 6	58,873 GAL	33 / 3	41,460 GAL	52 / 1	21,559 GAL	0 / 1	0 GAL	0 / 1	0 GAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
12	LAWN - HIGH	0.8	I-25 ROTORS	93.8	0.80	0.75	SANDY LOAM	6"	0-5%	FULL SUN	0 / 1	0 GAL	0 / 1	0 GAL	4 / 1	1,658 GAL	34 / 2	28,193 GAL	37 / 3	45,606 GAL	30 / 5	62,189 GAL	33 / 5	67,994 GAL	24 / 6	58,873 GAL	33 / 3	41,460 GAL	52 / 1	21,559 GAL	0 / 1	0 GAL	0 / 1	0 GAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
13	LAWN - HIGH	0.8	I-25 ROTORS	80.4	0.80	0.75	SANDY LOAM	6"	0-5%	FULL SUN	0 / 1	0 GAL	0 / 1	0 GAL	4 / 1	1,421 GAL	34 / 2	24,165 GAL	37 / 3	39,090 GAL	30 / 5	53,305 GAL	33 / 5	58,280 GAL	24 / 6	50,462 GAL	33 / 3	35,537 GAL	52 / 1	18,479 GAL	0 / 1	0 GAL	0 / 1	0 GAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
14	LAWN - HIGH	0.8	I-25 ROTORS	78.4	0.80	0.75	SANDY LOAM	6"	0-5%	FULL SUN	0 / 1	0 GAL	0 / 1	0 GAL	4 / 1	1,386 GAL	34 / 2	23,564 GAL	37 / 3	38,118 GAL	30 / 5	51,979 GAL	33 / 5	56,831 GAL	24 / 6	49,207 GAL	33 / 3	34,653 GAL	52 / 1	18,019 GAL	0 / 1	0 GAL	0 / 1	0 GAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
15	LAWN - HIGH	0.8	I-25 ROTORS	93.8	0.80	0.75	SANDY LOAM	6"	0-5%	FULL SUN	0 / 1	0 GAL	0 / 1	0 GAL	4 / 1	1,658 GAL	34 / 2	28,193 GAL	37 / 3	45,606 GAL	30 / 5	62,189 GAL	33 / 5	67,994 GAL	24 / 6	58,873 GAL	33 / 3	41,460 GAL	52 / 1	21,559 GAL	0 / 1	0 GAL	0 / 1	0 GAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
16	LAWN - HIGH	0.8	I-25 ROTORS	53.6	0.80	0.75	SANDY LOAM	6"	0-5%	FULL SUN	0 / 1	0 GAL	0 / 1	0 GAL	4 / 1	948 GAL	34 / 2	16,110 GAL	37 / 3	26,060 GAL	30 / 5	35,537 GAL	33 / 5	38,854 GAL	24 / 6	33,642 GAL	33 / 3	23,691 GAL	52 / 1	12,319 GAL	0 / 1	0 GAL	0 / 1	0 GAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
17	LAWN - HIGH	0.8	I-25 ROTORS	89.6	0.80	0.75	SANDY LOAM	6"	0-5%	FULL SUN	0 / 1	0 GAL	0 / 1	0 GAL	4 / 1	1,584 GAL	34 / 2	26,930 GAL	37 / 3	43,564 GAL	30 / 5	59,405 GAL	33 / 5	64,949 GAL	24 / 6	56,237 GAL	33 / 3	39,603 GAL	52 / 1	20,594 GAL	0 / 1	0 GAL	0 / 1	0 GAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
18	LAWN - HIGH	0.8	I-25 ROTORS	22.4	0.80	0.75	SANDY LOAM	6"	0-5%	FULL SUN	0 / 1	0 GAL	0 / 1	0 GAL	4 / 1	396 GAL	34 / 2	6,733 GAL	37 / 3	10,891 GAL	30 / 5	14,851 GAL	33 / 5	16,237 GAL	24 / 6	14,059 GAL	33 / 3	9,901 GAL	52 / 1	5,148 GAL	0 / 1	0 GAL	0 / 1	0 GAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
19	SHRUBS - LOW	0.2	SUBSURFACE DRIP	10.7	0.50	0.81	SANDY LOAM	12-24"	0-5%	FULL SUN	0 / 1	0 GAL	0 / 1	0 GAL	1 / 1	70 GAL	13 / 2	1,191 GAL	14 / 3	1,927 GAL	11 / 5	2,627 GAL	12 / 5	2,873 GAL	9 / 6	2,487 GAL	12 / 3	1,752 GAL	19 / 1	911 GAL	0 / 1	0 GAL	0 / 1	0 GAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
20	SHRUBS - LOW	0.2	SUBSURFACE DRIP	6.2	0.50	0.81	SANDY LOAM	12-24"	0-5%	FULL SUN	0 / 1	0 GAL	0 / 1	0 GAL	1 / 1	41 GAL	13 / 2	690 GAL	14 / 3	1,116 GAL	11 / 5	1,522 GAL	12 / 5	1,665 GAL	9 / 6	1,441 GAL	12 / 3	1,015 GAL	19 / 1	528 GAL	0 / 1	0 GAL	0 / 1	0 GAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
21	TREES - MEDIUM	0.5	BUBBLER	12.0	0.50	0.81	SANDY LOAM	12-24"	0-5%	FULL SUN	0 / 1	0 GAL	0 / 1	0 GAL	4 / 1	196 GAL	31 / 2	3,340 GAL	34 / 3	5,402 GAL	28 / 5	7,367 GAL	30 / 5	8,054 GAL	22 / 6	6,974 GAL	31 / 3	4,911 GAL	48 / 1	2,554 GAL	0 / 1	0 GAL	0 / 1	0 GAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
22	TREES - MEDIUM	0.5	BUBBLER	21.0	0.50	0.81	SANDY LOAM	12-24"	0-5%	FULL SUN	0 / 1	0 GAL	0 / 1	0 GAL	4 / 1	344 GAL	31 / 2	5,844 GAL	34 / 3	9,454 GAL	28 / 5	12,892 GAL	30 / 5	14,095 GAL	22 / 6	12,204 GAL	31 / 3	8,594 GAL	48 / 1	4,469 GAL	0 / 1	0 GAL	0 / 1	0 GAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
											MONTHLY RAINFALL (WOODLAND)											4.5			4.1			3.0			1.3			0.6		0.2			0			0.1			0.4			1.1			2.5			3.7																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
											MONTHLY ET (WOODLAND)											1.0	JAN	1.8	FEB	3.2	MAR	4.7	APR	6.1	MAY	7.7	JUN	8.2	JUL	7.2	AUG	5.4	SEP	3.7	OCT	1.7	NOV	1.0	DEC																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
											MONTHLY TOTALS (GAL)												0 GAL			0 GAL			25,679 GAL			436,538 GAL			706,164 GAL			962,951 GAL			1,052,826 GAL			911,594 GAL			641,967 GAL			333,823 GAL			0 GAL			0 GAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	

IRRIGATION HYDROZONE INFORMATION TABLE

STATION #/HYDROZONE	PLANT WATER USE TYPE	PLANT FACTOR (PF)	HYDROZONE AREA (HA) (SQ.FT.)	PF x HA (SQ.FT.)	IRRIGATION EFFICIENCY (IE)	ETWU (GALLONS)
1	LAWN - HIGH	0.8	9,987	7,990	0.75	340,804
2	LAWN - HIGH	0.8	9,987	7,990	0.75	340,804
3	LAWN - HIGH	0.8	9,987	7,990	0.75	340,804
4	LAWN - HIGH	0.8	9,987	7,990	0.75	340,804
5	LAWN - HIGH	0.8	9,987	7,990	0.75	340,804
6	LAWN - HIGH	0.8	9,987	7,990	0.75	340,804
7	LAWN - HIGH	0.8	9,987	7,990	0.75	340,804
8	LAWN - HIGH	0.8	9,987	7,990	0.75	340,804
9	LAWN - HIGH	0.8	9,987	7,990	0.75	340,804
10	LAWN - HIGH	0.8	9,987	7,990	0.75	340,804
11	LAWN - HIGH	0.8	9,987	7,990	0.75	340,804
12	LAWN - HIGH	0.8	9,987	7,990	0.75	340,804
13	LAWN - HIGH	0.8	9,987	7,990	0.75	340,804
14	LAWN - HIGH	0.8	9,987	7,990	0.75	340,804
15	LAWN - HIGH	0.8	9,987	7,990	0.75	340,804
16	LAWN - HIGH	0.8	9,987	7,990	0.75	340,804
17	LAWN - HIGH	0.8	9,987	7,990	0.75	340,804
18	LAWN - HIGH	0.8	9,987	7,990	1.75	146,059
19	SHRUBS - LOW	0.2	5,256	1,051	0.81	41,519
20	SHRUBS - LOW	0.2	2,080	416	0.81	16,430
21	TREES - MEDIUM	0.5	240	120	0.81	4,740
22	TREES - MEDIUM	0.5	280	140	0.81	5,529
		TOTAL AREA	187,622		ETWU TOTAL	6,007,951
		TOTAL AREA (SLA)	179,766			
Eto (WOODLAND)	51.6	ESTIMATED TOTAL WATER USAGE (ETWU) = (Eto)(0.62)(PF)(HA)/IE = GAL/YEAR				
MAXIMUM APPLIED WATER ALLOWANCE (MAWA) = (Eto)(0.62)[(0.45 x LA)+(0.55 x SLA)] = GAL/YEAR						
					MAWA TOTAL	5,864,172

LANDSCAPE HYDROZONE INFORMATION TABLE

STATION #/HYDROZONE	PLANT WATER USE TYPE	IRRIGATION TYPE	HYDROZONE AREA (HA) (SQ.FT.)	% OF TOTAL LANDSCAPE AREA
1	LAWN - HIGH	I-25 ROTORS	9,987	5.3%
2	LAWN - HIGH	I-25 ROTORS	9,987	5.3%
3	LAWN - HIGH	I-25 ROTORS	9,987	5.3%
4	LAWN - HIGH	I-25 ROTORS	9,987	5.3%
5	LAWN - HIGH	I-25 ROTORS	9,987	5.3%
6	LAWN - HIGH	I-25 ROTORS	9,987	5.3%
7	LAWN - HIGH	I-25 ROTORS	9,987	5.3%
8	LAWN - HIGH	I-25 ROTORS	9,987	5.3%
9	LAWN - HIGH	I-25 ROTORS	9,987	5.3%
10	LAWN - HIGH	I-25 ROTORS	9,987	5.3%
11	LAWN - HIGH	I-25 ROTORS	9,987	5.3%
12	LAWN - HIGH	I-25 ROTORS	9,987	5.3%
13	LAWN - HIGH	I-25 ROTORS	9,987	5.3%
14	LAWN - HIGH	I-25 ROTORS	9,987	5.3%
15	LAWN - HIGH	I-25 ROTORS	9,987	5.3%
16	LAWN - HIGH	I-25 ROTORS	9,987	5.3%
17	LAWN - HIGH	I-25 ROTORS	9,987	5.3%
18	LAWN - HIGH	I-25 ROTORS	9,987	5.3%
19	SHRUBS - LOW	SUBSURFACE DRIP	5,256	2.8%
20	SHRUBS - LOW	SUBSURFACE DRIP	2,080	1.1%
21	TREES - MEDIUM	BUBBLER	240	0.1%
22	TREES - MEDIUM	BUBBLER	280	0.1%
TOTAL AREA			187,622	100.0%