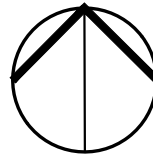
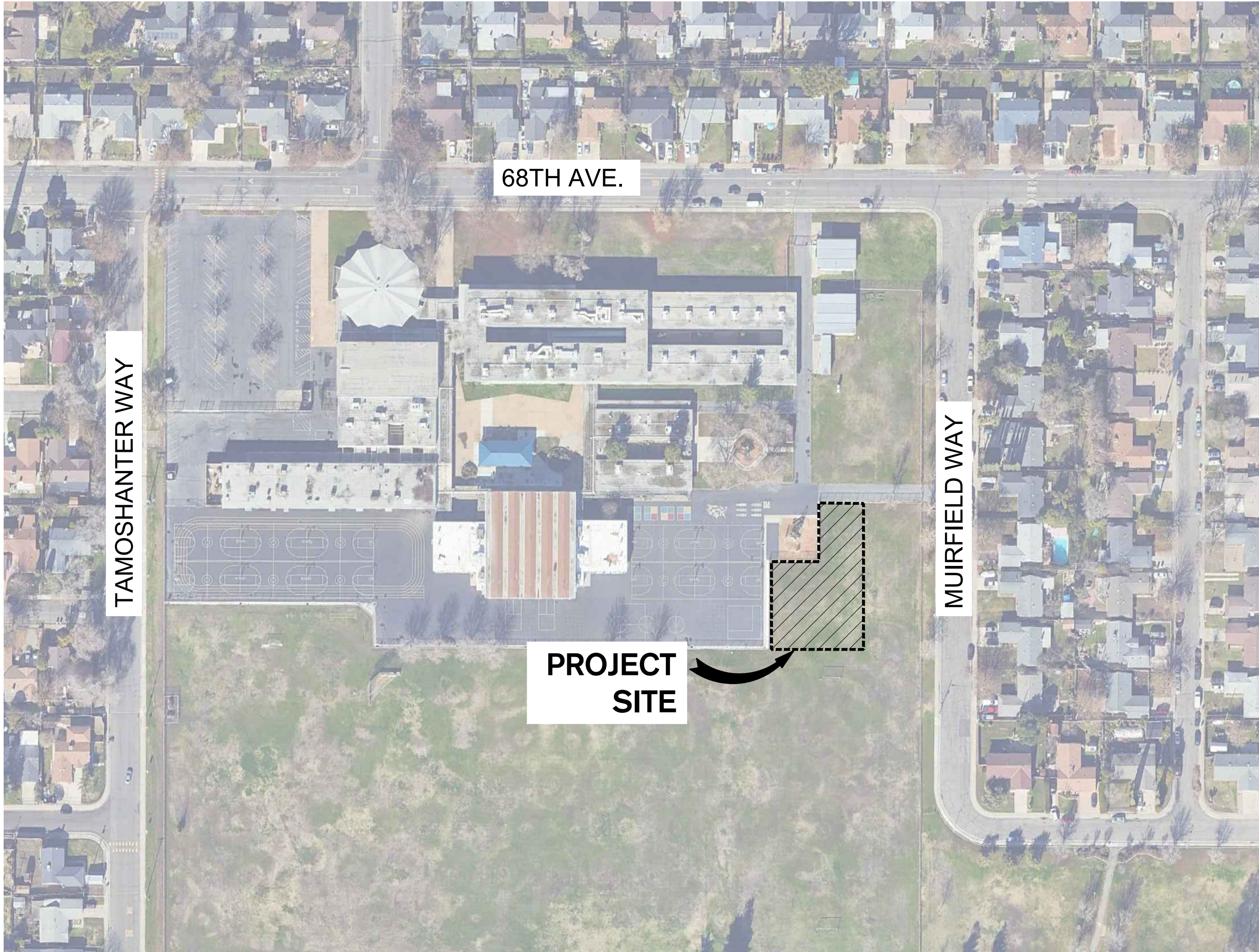


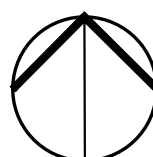
F:\PROJECTS\2021 SACRAMENTO CITY USD SCHOOLS AND DISTRICTS IMPROVEMENT PLANS\ROSA PARKS MIDDLE SCHOOL\2001-LOA-COVER SHEET.dwg 10/9/2025 5:04 PM



Know what's below.
Call before you dig.



VICINITY MAP
NOT TO SCALE



SITE PLAN
NOT TO SCALE

PROJECT CONTACT

LANDSCAPE ARCHITECT

SIEGFRIED ENGINEERING, INC.
1164 NATIONAL DR #20
SACRAMENTO, CA 95834
CONTACT:
THAIS DEL CASTILLO
PHONE: (209) 943-2021
FAX: (209) 942-0214
EMAIL: tdelcastillo@siegfriedeng.com

PROJECT ADDRESS

2250 68th Ave.
Sacramento, CA 95822

PROJECT SCOPE

THE LANDSCAPE DESIGN INTEGRATES DROUGHT-TOLERANT PLANTINGS AND EFFICIENT IRRIGATION SYSTEMS IN THE DEVELOPMENT OF STUDENT-ORIENTED EXPLORATION AND LEARNING LANDSCAPES.

PARTIAL LIST OF APPLICABLE CODES:

BUILDING- 2022 CALIFORNIA BUILDING CODE
MECHANICAL- 2022 CALIFORNIA MECHANICAL CODE
PLUMBING- 2022 CALIFORNIA PLUMBING CODE
ELECTRICAL- 2022 CALIFORNIA ELECTRICAL CODE
ACCESSIBILITY- 2022 CALIFORNIA BUILDING CODE
CHAPTER 11B (TITLE 24-DISABLED ACCESS)
ENERGY CODE- 2022 CALIFORNIA ENERGY CODE
(TITLE 24)
FIRE/LIFE SAFETY- 2022 CALIFORNIA FIRE CODE
FIRE ALARMS- NFPA 72 (2016)
2022 CALIFORNIA GREEN BUILDING STANDARDS CODE

Sheet List Table

SHEET NUMBER	SHEET TITLE
L0.0	COVER SHEET
T1.0	TOPOGRAPHIC SURVEY
L1.0	DEMOLITION PLAN
L2.0	IRRIGATION PLAN
L1.1	SITE AMENITIES & LAYOUT PLAN
L3.0	SHRUB & GROUND COVER PLAN
L4.0	SITE DETAILS
L4.1	IRRIGATION DETAILS



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www.siegfriedeng.com

- CIVIL
- STRUCTURAL
- LANDSCAPE ARCHITECTURE
- SURVEYING
- PLANNING
- ATHLETIC FACILITY DESIGN
- GEOTECHNICAL

REVISIONS

No. Date Description

PROJECT

**ROSA PARKS
MIDDLE
SCHOOL**

2250 68TH AVE
SACRAMENTO, CA
95822



DATE SIGNED: 10/08/25

SHEET TITLE

COVER SHEET

Proj Mgr TDC
Drawn by SLT
Date 10/08/2025
Job No. 25071
Sheet:

L0.0
of: ?



Know what's below.
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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

EXISTING UTILITIES

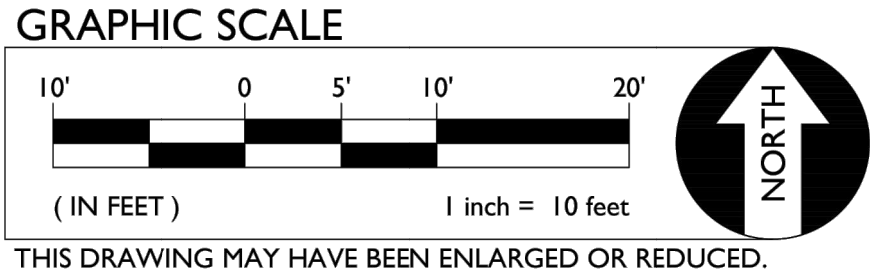
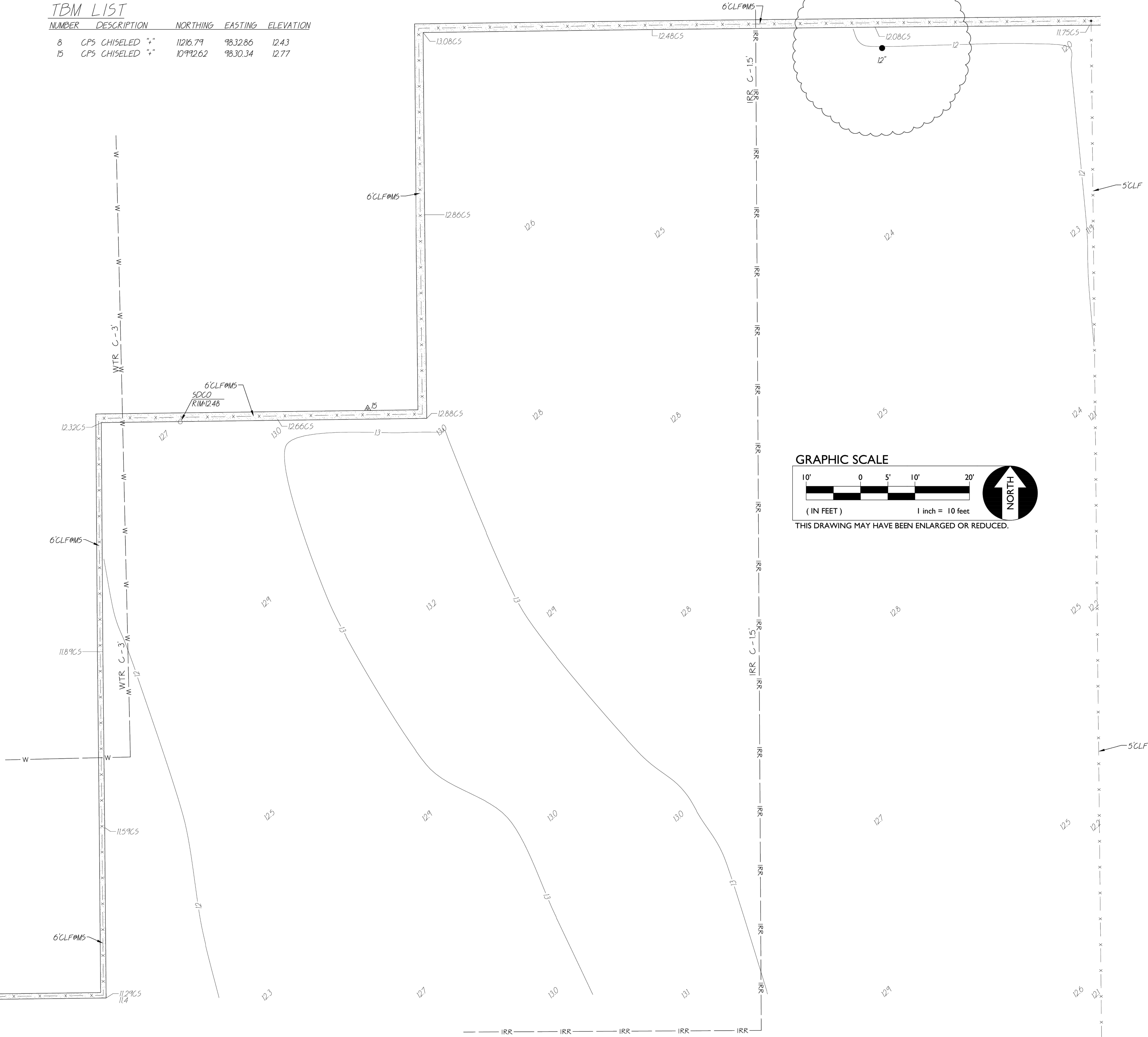
- STORM DRAIN LINE (SIZE + DIRECTION OF FLOW)
- STORM DRAIN LINE (RECORD INFORMATION)
- STORM DRAIN LINE (UNDERGROUND LOCATING)
- STORM DRAIN MANHOLE
- STORM DRAIN CLEANOUT
- DROP INLET
- AREA DRAIN
- STORM DRAIN BOX
- RAIN WATER LEADER
- DOWNSPOUT
- SANITARY SEWER LINE (SIZE + DIRECTION OF FLOW)
- SANITARY SEWER LINE (RECORD INFORMATION)
- SANITARY SEWER LINE (UNDERGROUND LOCATING)
- SANITARY SEWER MANHOLE
- SANITARY SEWER CLEANOUT
- SANITARY SEWER BOX
- 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
- FIRE BOX
- SIGNAL BOX
- STREET LIGHTING BOX
- TRAFFIC SIGNAL 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 BOX
- GAS METER
- TELEPHONE LINE
- TELEPHONE LINE (RECORD INFORMATION)
- TELEPHONE LINE (UNDERGROUND LOCATING)
- TELEPHONE MANHOLE
- COMMUNICATIONS BOX
- TELEPHONE BOX

ABBREVIATIONS

- NOTE: NOT ALL ABBREVIATIONS MAY BE USED ON THESE PLANS.
- AG ASPHALTIC CONCRETE
 - ACU ACCESSIBLE
 - ACU AIR CONDITIONING UNIT
 - APN ASSessor's PARCEL NUMBER
 - APP APPARATUS
 - ARV AIR RELEASE VALVE
 - BDALL BASKETBALL POLE
 - BCM BRASS CAP MONUMENT
 - BFP BACK FLOW PREVENTER
 - BL BLOCK
 - BULDG BUILDING
 - BOLL DOLLARD
 - BOV BLOW-OFF VALVE
 - BR BRICK
 - BWF BARBED WIRE FENCE
 - C COMMUNICATION
 - CAB CABINET
 - CATV CABLE TELEVISION
 - CB COMMUNICATIONS BOX
 - CD CONDENSATION DRAIN
 - CIP CASTED IRON PIPE
 - CL CENTERLINE
 - CLF CHAIN LINK FENCE
 - CO CLEANOUT
 - COL COLUMN
 - CONC CONCRETE
 - COND CONDENSATE
 - CPF CONTROL POINT FOUND
 - CPS CONTROL POINT SET
 - CS CONCRETE SURFACE
 - DF DRINKING FOUNTAIN
 - DG DECOMPOSED GRANITE
 - DI DROP INLET
 - DRWY DRIVEWAY
 - DS DOWNSPOUT
 - DWG DRAINING
 - E ELECTRIC
 - ED ELECTRICAL BOX
 - ESMT EASEMENT
 - FA FIRE ALARM
 - FB FIRE BOX
 - FDC FIRE DEPARTMENT CONNECTION
 - FFE FINISHED FLOOR ELEVATION
 - FH FIRE HYDRANT
 - FL FLOWLINE
 - FO FIBER OPTIC
 - FP FLAGPOLE
 - FS FIRE SERVICE
 - G GAS
 - GB GRADE BREAK
 - GD GARAGE DOOR
 - GR GRATE
 - GRB GROUND ROD BOX
 - GROD GROUND ROD
 - GST GATE STOP
 - GV GAS VALVE
 - H HYDRONICS
 - HDB HOSE BIBB BOX
 - HDB HEADER BOARD
 - HDP HIGH PRESSURE
 - HR HANDRAIL
 - HVE HIGH VOLTAGE ELECTRIC
 - HWF HOSE WIRE FENCE
 - IC IN CONCRETE
 - ICV IRRIGATION CONTROL VALVE
 - INV PIPE INVERT ELEVATION
 - IR IRRIGATION
 - JP JOINT UTILITY POLE
 - JT JOINT TRENCH
 - LNDG LANDING
 - LVE LOW VOLTAGE ELECTRIC
 - M METAL
 - MANH MANHOLE
 - MR METAL RAMP
 - MS MOW STRIP
 - MSC METAL STORAGE CONTAINER
 - MU MULTIPLE
 - NTS NOT TO SCALE
 - OH OVERHEAD
 - OHANG OVERHANG
 - OP OPEN IRON PIPE
 - P PINE
 - PA PLANTER AREA
 - PB PARKING BUMPER
 - PED PEDESTAL
 - PH POSTHOLE
 - PIV POST INDICATOR VALVE
 - PL PROPERTY LINE
 - PP POWER POLE
 - PR PER RECORD INFORMATION
 - PUE PUBLIC UTILITY EASEMENT
 - PV PIVERS
 - PVC POLYVINYL CHLORIDE
 - R RUBBER
 - RG ROLLING GATE
 - RIM MANHOLE RIM ELEVATION
 - ROW RIGHT OF WAY
 - RR RUBBER RAMP
 - RW RETAINING WALL
 - RWD REDWOOD
 - RWL RAIN WATER LEADER
 - SB SIGNAL BOX
 - SD STORM DRAIN
 - SDMH STORM DRAIN MANHOLE
 - SL SIGNAL
 - SLB STREET LIGHT BOX
 - SS SANITARY SEWER
 - SSCO SANITARY SEWER CLEANOUT
 - SSMH SANITARY SEWER MANHOLE
 - ST STUMP
 - STL STEEL
 - TB TELEPHONE
 - TB TELEPHONE BOX
 - TB TETHER BALL POLE
 - TBM TEMPORARY BENCHMARK
 - TC TOP OF CURB
 - TD TRENCH DRAIN
 - TE TELEPHONE POLE
 - TOP OF RETAINING WALL
 - UG UNDERGROUND
 - UNK UNKNOWN
 - VENT VOLLEYBALL
 - W WATER
 - WB WITH
 - WB WATER BOX
 - WD WOOD
 - WF WOOD FENCE
 - WIF WROUGHT IRON FENCE
 - WRF WOOD RAIL FENCE
 - XF TRANSFORMER
 - XWALK CROSSWALK
 - YD YARD DRAIN

TBM LIST

NUMBER	DESCRIPTION	NORTHING	EASTING	ELEVATION
8	CPS CHISELED " "	1216.79	9832.86	12.43
15	CPS CHISELED " "	1099262	9830.34	12.77



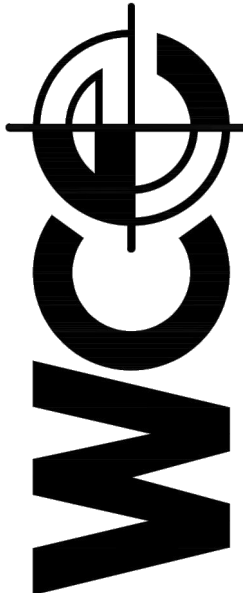
B.P. NOTES:
UTILITY LOCATIONS MAY NOT BE TO SCALE
NOT ALL UTILITIES MAY BE SHOWN.
SOME LATERALS WERE NOT ACCESSIBLE + WERE
THEREFORE NOT LOCATED.
DEPTHS SHOWN ARE TO CENTER OF CONDUCTIVE
UTILITY + ARE GENERALLY +/- 10% OF ACTUAL
DEPTH. WHEN NOT DISTORTED BY ADJACENT
CONDUCTORS, CRITICAL DEPTHS REQUIRE
VERIFICATION BY POT-HOLING.

FEMA INFORMATION:
THE SUBJECT PROPERTY IS LOCATED IN "ZONE
X (SHADED) - AREA OF REDUCED FLOOD RISK
DUE TO LEVEE" PER FLOOD INSURANCE RATE
MAP 06067C0305H DATED AUGUST 16, 2012.

BASIS OF BEARINGS:
ASSUMED

NOTE:
EXISTING UTILITIES BASED ON
VISIBLE SURFACE STRUCTURES
AND UG LOCATING BY D.B.

MUIRFIELD WAY



WARREN CONSULTING ENGINEERS, INC.
1117 WINDFIELD WAY, SUITE 110
EL DORADO HILLS, CA 95672 (916)885-1870

TOPOGRAPHIC SURVEY
PROJECT: ROSA PARKS MIDDLE SCHOOL
AT
2250 65TH AVE.,
SACRAMENTO, CALIFORNIA

TITLE: T1
SHEET NO.

APN	BENCHMARK NO.	ELEV.
337-02E	11.733	
HORIZONTAL SCALE: 1"=10'		
VERTICAL SCALE: NA		
JOB NO.: 25-055		
DRAWN: J.B./G.S.		
CHECKED: AT		
SURVEYED ON: 3/31/25		
FINAL ISSUED: 4/14/25		

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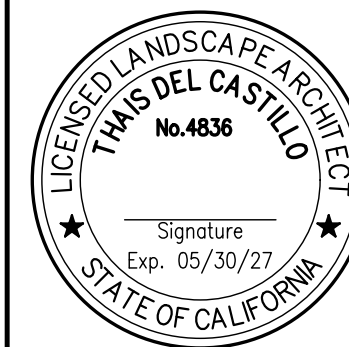
- CIVIL
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- LANDSCAPE ARCHITECTURE
- SURVEYING
- PLANNING
- ATHLETIC FACILITY DESIGN
- GEOTECHNICAL

REVISIONS
No. Date Description

PROJECT

ROSA PARKS
MIDDLE
SCHOOL

2250 68TH AVE
SACRAMENTO, CA
95822



DATE SIGNED: 10/08/25

SHEET TITLE

TOPOGRAPHIC
SURVEY

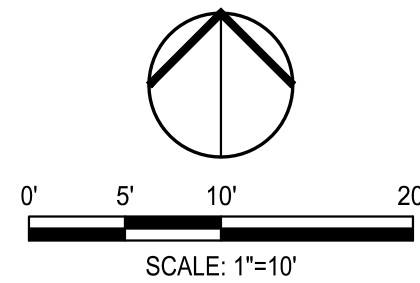
Proj Mgr TDC
Drawn by SLT
Date 10/08/2025
Job No. 25071
Sheet:

T1.0 of: ?

F:\PROJECTS\2021 SACRAMENTO CITY USD SCHOOL AND GREENWAY IMPROVEMENT PLANS\ROSA PARKS MIDDLE SCHOOL\2021-L1-D-DEMOLITION PLAN.DWG 10/07/2025 5:06 PM



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GENERAL NOTES

1. ALL EXCAVATION SPOILS, INCLUDING, BUT NOT LIMITED TO CONCRETE AND PAVEMENT EXCAVATION, SHALL BE EXPORTED AND DISPOSED OF OFF-SITE BY THE CONTRACTOR.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING ANY OF THE EXISTING UTILITIES, INCLUDING, BUT NOT LIMITED TO UTILITY BOXES, THAT ARE FOUND TO BE BROKEN, CRACKED, OR OTHERWISE DAMAGED.
3. ALL UTILITY BOXES AND MAINTENANCE HOLES SHALL BE PROTECTED AND ADJUSTED TO FINISH GRADE, UNLESS OTHERWISE NOTED.
4. CLEAR AND GRUB SITE IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS TO EXTEND TO LIMIT OF PROPOSED IMPROVEMENTS.

REFER TO SHEET L2.0 FOR ADDITIONAL DEMOLITION RELATED TO IRRIGATION.

LEGEND

 REMOVE AND DISPOSE OF EXISTING LAWN.

KEY NOTES

1. REMOVE EXISTING FENCE. PRESERVE EXISTING FENCE FOR REUSE AT NEW FENCE LOCATION, IF POSSIBLE. SAWCUT EXISTING CONCRETE PAVING AT FENCELINE WHERE NECESSARY. LEAVE REMAINING CONCRETE CURBING/ PAVING IN PLACE.
2. CLEAR AND GRUB
3. PROTECT IN PLACE PLAYGROUND AND SURFACING
4. PROTECT IN PLACE CONCRETE CURB
5. PROTECT EXISTING LAWN
6. PROTECT IN PLACE EXISTING FENCE, TO REMAIN



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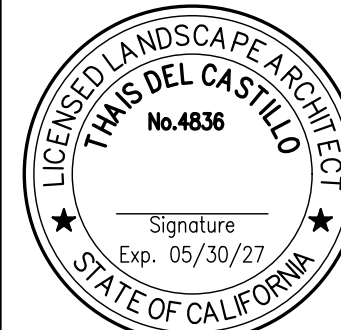
REVISIONS

No. Date Description

PROJECT

**ROSA PARKS
MIDDLE
SCHOOL**

2250 68TH AVE
SACRAMENTO, CA
95822



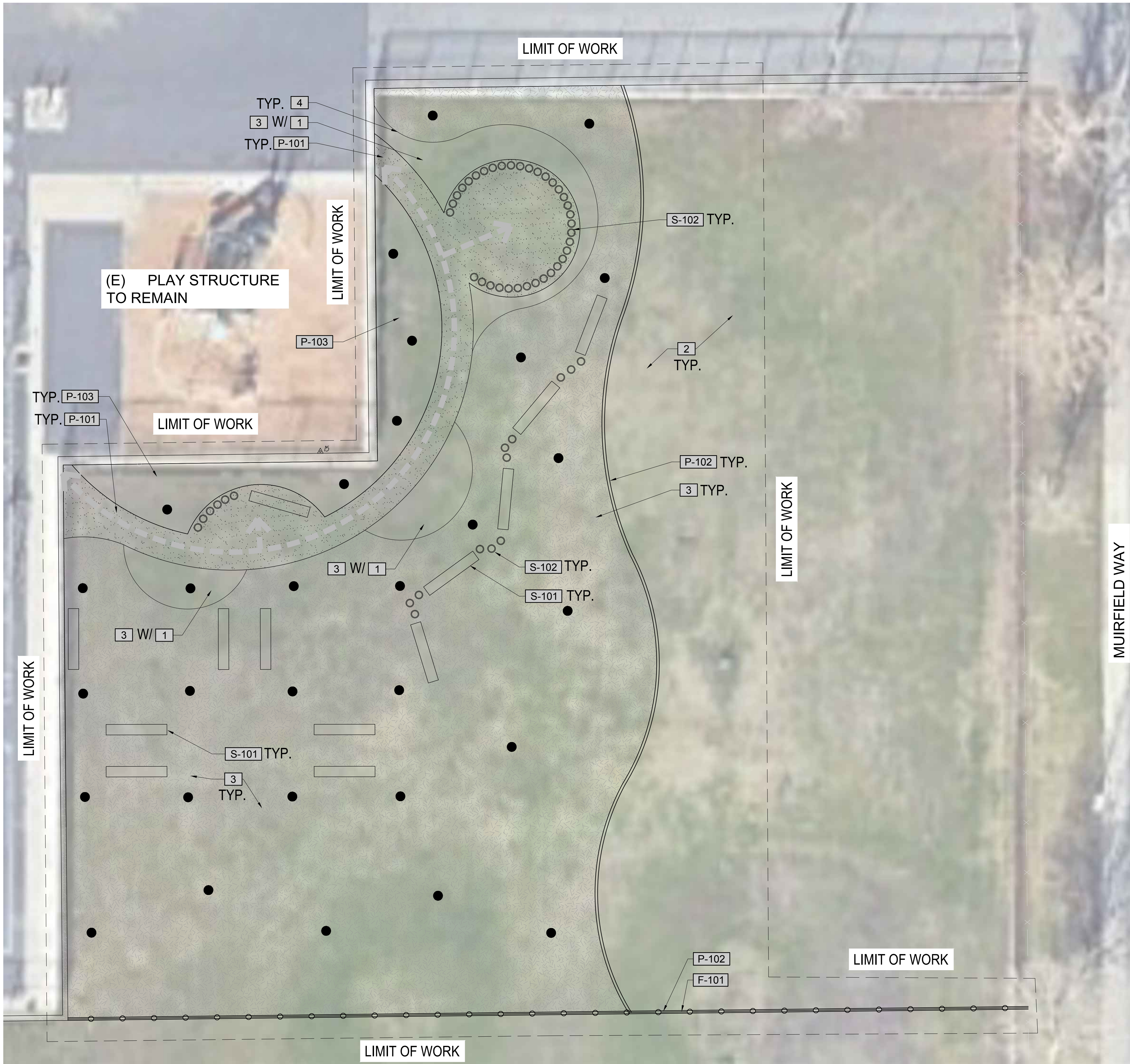
DATE SIGNED: 10/08/25

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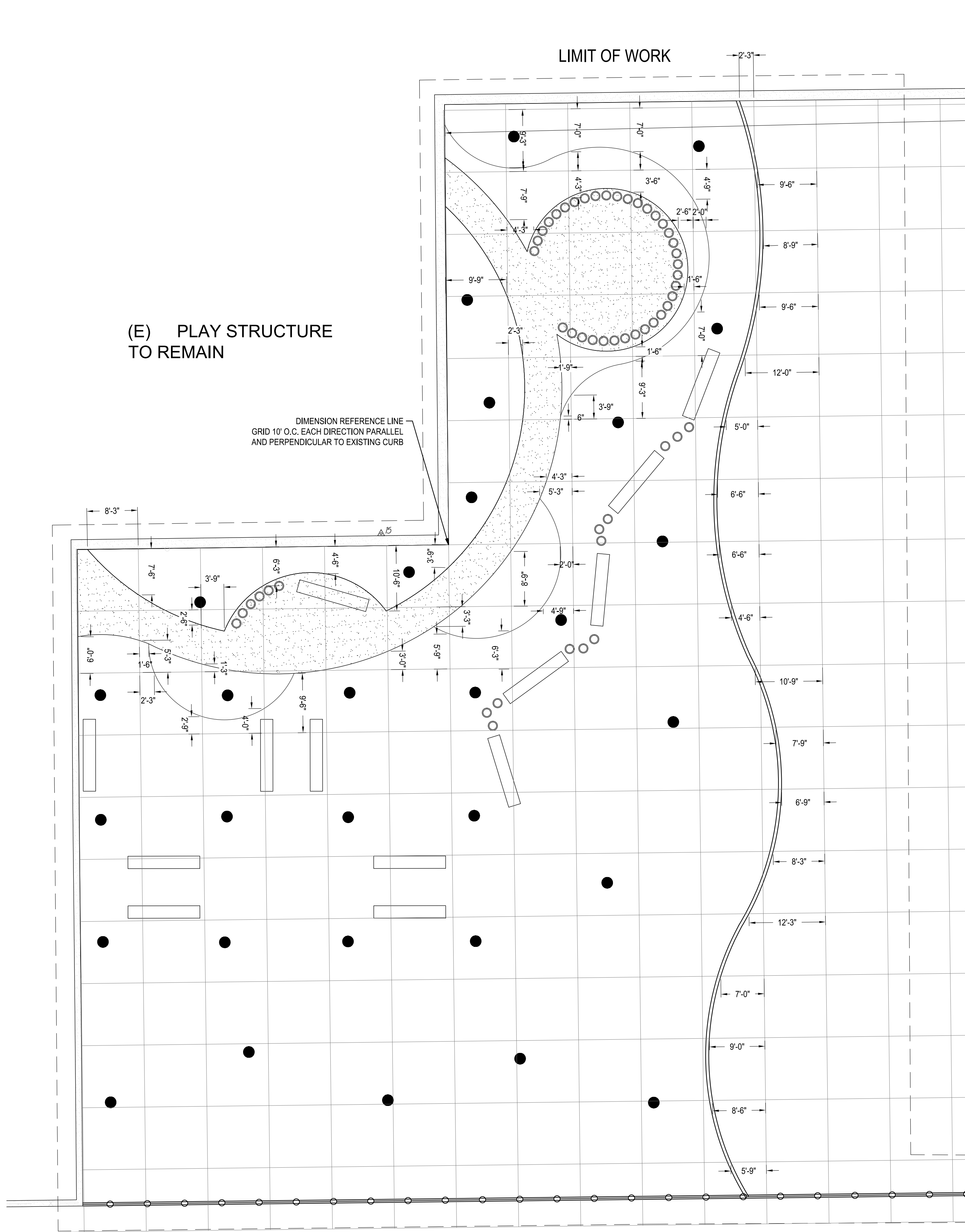
DEMOLITION PLAN

Proj Mgr TDC
Drawn by SLT
Date 10/08/2025
Job No. 25071
Sheet:

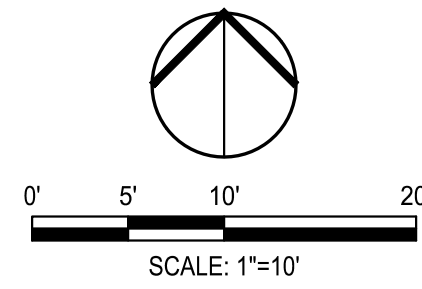
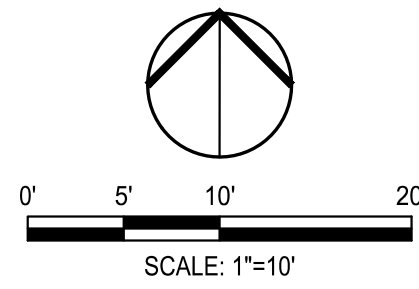
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of: ?



SITE AMENITIES PLAN



SITE LAYOUT PLAN



REFERENCE NOTES SCHEDULE

CODE	DESCRIPTION			
1	LANDSCAPE AREA, TYP.			
2	EXISTING LAWN TO REMAIN, TYP.			
3	SHREDDED WALK ON BARK MULCH			
4	METAL EDGER, SEE DETAIL 3/L4.0			
CODE	DESCRIPTION	DETAILS		
FENCE				
F-101	6" HIGH CHAINLINK FENCE	7/L4.0		
CODE	DESCRIPTION	COLOR	DETAIL	
PAVING				
P-101	DECOMPOSED GRANITE	CALIFORNIA GOLD	4/L4.0	
P-102	12" WIDE CONCRETE CURB		5/L4.0	
P-103	ENGINEERED WOOD FIBER (EWF)		6/L4.0	
CODE	DESCRIPTION	MANUFACTURER	NOTES	DETAILS
SITE FURNISHINGS				
S-101	WOOD LOG	MOUNTAIN ENTERPRISES	CONTACT: ABINESH PHASAD, OFFICE: 530-629-4127, AP5927@MTFENT.COM	1/L4.0
S-102	WOOD STUMP	MOUNTAIN ENTERPRISES	CONTACT: ABINESH PHASAD, OFFICE: 530-629-4127, AP5927@MTFENT.COM	2/L4.0

Processed Tree Locations

Proposed Tree Locations

ACCESSIBLE PATH OF TRAVEL

PATH OF TRAVEL AS INDICATED ON PLAN IS A BARRIER-FREE ACCESS WITHOUT ANY ABRUPT LEVEL CHANGES EXCEEDING 1/2" BEVELED AT 1:2 MAX SLOPE OR VERTICAL LEVEL CHANGES NOT EXCEEDING 1" MAX AND LEAST 48" WIDE. SURFACE IS SLIP RESISTANT, STABLE, FIRM AND SMOOTH. CROSS SLOPE DOES NOT EXCEED 2% AND SLOPE IN THE DIRECTION OF TRAVEL IS LESS THAN 5% UNLESS OTHERWISE INDICATED. PATH OF TRAVEL SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MIN HEIGHT AND PROTRUDING OBJECTS GREATER THAN 4" PROJECTION FROM WALL ABOVE 27" AND BELOW 80" ABOVE THE FLOOR.



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REVISIONS

No. Date Description

PROJECT

ROSA PARKS
MIDDLE
SCHOOL

2250 68TH AVE
SACRAMENTO, CA
95822



DATE: SIGNED: 10/08/2025

SHEET TITLE

SITE AMENITIES &
LAYOUT PLAN

Proj Mgr TDC
Drawn by SLT
Date 10/08/2025
Job No. 25071
Sheet:

L1.1 of: ?

PROJECTS (2021) SACRAMENTO CITY, US: SCHOONARD GREENWAYS PLANS AND SPECIFICATIONS: PLANS (R001) - L2.0 - IRRIGATION PLAN, R001, 10/8/2023, 5:08 PM



Know what's below.
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PIPE SIZING SCHEDULE (SCH 40 PVC)	
FOR LATERAL LINES IN DRIP AREAS BEYOND THOSE SHOWN ON PLAN, CONTRACTOR SHALL FIELD SIZE BASED ON THE FOLLOWING TABLE:	
PIPE SIZE	MAXIMUM GALLONS PER MINUTE (GPM)
3/4"	8 GPM
1"	12 GPM
1-1/4"	22 GPM
1-1/2"	30 GPM
2"	50 GPM
2-1/2"	80 GPM

REFERENCE DATA

Nearest data location:		Sacramento											
Reference Eto (in./mo.)	1.00	1.60	3.40	4.10	6.50	7.50	8.10	7.10	5.20	3.40	1.50	1.00	
Historical average precipitation	3.75	3.27	2.39	1.48	0.48	0.13	0.03	0.06	0.21	0.92	2.03	3.19	
Effective precipitation (historical average -0.2" ± 75%)	2.66	2.30	1.64	0.96	0.20	0.00	0.00	0.00	0.01	0.54	1.37	2.24	
Base required irrigation (in./mo.)	0.00	0.00	1.76	3.14	6.31	7.50	8.10	7.10	5.19	2.88	0.13	0.00	

REFERENCE SCHEDULE

Zone	Description	Temporary?	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1	DRIPLINE-SHRUB	N	0	0	1	3	3	4	4	4	4	1	1	0	
	Irr. Days / Wk		0	0	1	1	1	1	1	1	1	1	2	1	
	Cycles / Day		0	0	1	1	1	1	1	1	1	1	2	1	
2	DRIPLINE-SHRUB	N	0	0	39	24	46	43	45	39	30	32	3	0	
	Irr. Days / Wk		0	0	1	3	3	4	4	4	4	1	1	0	
	Cycles / Day		0	0	2	1	2	2	2	2	1	2	1	0	
3	DRIPLINE-SHRUB	N	0	0	25	31	30	28	29	26	39	41	4	0	
	Irr. Days / Wk		0	0	1	3	3	4	4	4	4	1	1	0	
	Cycles / Day		0	0	2	1	2	2	2	2	1	2	1	0	
4	DRIPLINE-SHRUB	N	0	0	25	31	30	28	29	26	39	41	4	0	
	Irr. Days / Wk		0	0	1	3	3	4	4	4	4	1	1	0	
	Cycles / Day		0	0	2	1	2	2	2	2	1	2	1	0	
Total Irrigation System Runtime (during establishment)			Percentage adjustment: 150%												
Maximum system runtime per irrigation day (single-station operation)			Hrs	0.0	0.0	45.7	28.6	55.2	50.6	52.9	47.0	35.4	74.4	4.2	0.0
Total Irrigation System Runtime (normal operation)			Percentage adjustment: 150%												
Maximum system runtime per irrigation day (single-station operation)			Hrs	0.0	0.0	30.5	19.0	36.8	33.7	35.3	31.3	23.6	49.6	2.8	0.0

Note: hours shown are cumulative and run schedule may be reduced if controller is capable of multi-valve operation.

IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY
0.25 0.50	Hunter RZWS-16-CV 18in. long RZWS with installed 50 gpm bubbler, 2 per tree typical. Check Valve, 1/2in. swing joint for connection to 1/2in. pipe	60
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY
1	Hunter ICZ-101-40 Drip Control Zone Kit. 1in. ICV Globe Valve with 1in. HY100 filter system. Pressure Regulation: 40psi. Flow Range: 2 GPM to 20 GPM. 150 mesh stainless steel screen.	1
4	Hunter PLD-BV Manual Bushout off valve, barbed insert.	4
4	Hunter PLD-AVR PLD-AVR Air Relief Valve	4
4	Hunter ECO-ID-12 ECO-ID: 1/2in. FPT connection with 15 psi - 100 psi operating pressure.	4
508.3 lf	Area to Receive Dripline Hunter HDL-06-18-CV HDL-06-18-CV: Hunter Dripline w/ 0.6 GPH emitters at 18" O.C. Check valve, dark brown tubing with gray striping. Dripline laterals spaced at 18" apart, with emitters offset for triangular pattern. Install with Hunter PLD barbed or PLD-LOC fittings.	
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY
3	Hunter ICV-G-FS 1in., 1-1/2in., 2in., and 3in. Plastic Electric Remote Control Valves, Globe Configuration, with NPT Threaded Inlet/Outlet.	3
1	Rain Bird 33-DRC 3/4in. Brass Quick-Coupling Valve, with Corrosion-Resistant Stainless Steel Spring, Thermoplastic Rubber Cover, Double Track Key Lug, and 2-Piece Body.	1
1	Nibco T-113-K Class 125 bronze gate shut off valve with cross handle, same size as mainline pipe diameter at valve location. Size Range - 1/4in. - 3in.	1
1	Wire Bundle (as indicated for future use) Install 6 control wires (2 spare) and 1 ground in wire bundle vault box. Wire to new valves.	1
1	Point of Connection 2" Connect POC to Existing Mainline. Contractor to verify in field.	1
991.5 lf	Irrigation Lateral Line: PVC Schedule 40	
34.3 lf	Irrigation Mainline: PVC Schedule 40 New Mainline to match existing mainline size. Contractor to verify in field	
Valve Callout	Valve Number Valve Flow Valve Size	
.....	Irrigation Controller Wire New 18 gauge, Multi-strand Direct Burial Controller Wire. To be installed and connected new valves to the controller.	
Existing Head, to be Removed		
Existing Heads, to Remain		
Existing Valve, to Remain		
Proposed Tree Locations		

IRRIGATION NOTES

- ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH LOCAL CODES AND REQUIREMENTS.
- THE IRRIGATION SYSTEM IS DESIGNED TO OPERATE SINGLE VALVES AT 20 PSI FOR BUBBLER AND DRIP EMITTERS. THE CONTRACTOR IS TO PERFORM A STATIC AND DYNAMIC PRESSURE TEST. VERIFY AT LEAST 65 PSI STATIC AT POINT OF CONNECTION. REPORT FINDINGS TO THE LANDSCAPE ARCHITECT. IF THE CONTRACTOR FAILS TO DO SO, THE CONTRACTOR WILL TAKE FULL RESPONSIBILITY FOR ANY NECESSARY REVISIONS. IF PRESSURE DOES NOT MEET REQUIREMENTS AND IRRIGATION EQUIPMENT DOES NOT OPERATE PROPERLY AND PROVIDE PROPER COVERAGE, CONTACT THE LANDSCAPE ARCHITECT.
- THE INTENT OF THIS IRRIGATION SYSTEM IS TO PROVIDE THE MINIMUM AMOUNT OF WATER REQUIRED TO SUSTAIN GOOD PLANT HEALTH. CONTRACTOR SHALL GUARANTEE 100% COVERAGE OF SYSTEM.
- SPLICING OF 24 VOLT WIRES IS NOT PERMITTED EXCEPT IN VALVE BOXES. LEAVE A 36" LONG, 8" DIAMETER COIL OF EXCESS WIRE AT EACH SPLICE AND A 36" LONG EXPANSION LOOP EVERY 100 FEET ALONG WIRE RUN. TAPE WIRE TOGETHER EVERY TEN FEET. TAPING WIRES IS NOT REQUIRED INSIDE SLEEVES. RUN WIRE FROM EACH REMOTE CONTROL VALVE TO THE CONTROLLER. ALL CONTROLLER WIRES TO BE INDEXED AT VALVES AND CONTROLLER. ONE VALVE PER 14" x 10" BOX WITH ISOLATION GATE VALVE. PLASTIC VALVE COVERS TO BE GREEN IN COLOR. LIDS TO BE T-STYLED NON-HINGED COVERS MARKED IRRIGATION. BOX BODY SHALL HAVE KNOCK-OUTS WITH BOLT-DOWN LIDS.
- INSTALL NEW REMOTE CONTROL VALVE BOXES 12" FROM WALK, CURB, LAWN, HEADER BOARD, BUILDING, OR LANDSCAPE FEATURE. AT MULTIPLE VALVE BOX GROUPS, EACH BOX SHALL BE AN EQUAL DISTANCE FROM THE WALK, CURB, LAWN, ETC. AND EACH BOX SHALL BE 12" APART. SHORT SIDE OF RECTANGULAR VALVE BOXES SHALL BE PARALLEL TO WALK, CURB, LAWN, ETC.
- CONTRACTOR SHALL STABILIZE IRRIGATION VALVES DURING CONSTRUCTION UNTIL BACKFILLING IS COMPLETED.
- THIS PLAN IS **DIAGRAMMATIC**. ALL PIPING, VALVES, ETC. SHOWN WITHIN PAVED AREAS IS FOR DESIGN CLARIFICATION ONLY AND SHALL BE INSTALLED IN PLANTING AREAS WHERE POSSIBLE. AVOID ANY CONFLICTS BETWEEN THE SPRINKLER SYSTEM AND PLANTING AND ARCHITECTURAL FEATURES. CONTRACTOR IS RESPONSIBLE FOR HEAD SPRAY AWAY FROM BUILDING.
- THE CONTRACTOR SHALL FLUSH ALL LINES AND ADJUST ALL HEADS FOR MAXIMUM PERFORMANCE AND TO MINIMIZE OVERSPRAY ON TO WALKS, WALLS, FENCES, DRIVES, AND BUILDINGS AS MUCH AS POSSIBLE. THIS SHALL INCLUDE SELECTING THE BEST DEGREE OF ARC TO FIT EXISTING CONDITIONS AND TO THROTTLE THE FLOW CONTROL AT EACH VALVE TO OBTAIN THE OPTIMUM OPERATING PRESSURE FOR EACH SYSTEM.
- ALL PVC SLEEVES UNDER PAVEMENT AND ROADWAYS TO BE SCH. 40. SLEEVES TO BE TWICE THE DIAMETER OF PIPE OR WIRE BUNDLE THAT WILL PASS THROUGH SLEEVE. CHANGE ALL RING-TITE PIPE THAT WOULD PASS THROUGH SLEEVES TO CLASS 315 SOLVENT WELD PIPE OF SAME SIZE.
- INSTALL CHECK VALVES OR IN-HEAD CHECK VALVES TO ELIMINATE LOW HEAD DRAINAGE WHERE NECESSARY.
- SUBSTITUTION FOR IRRIGATION EQUIPMENT SPECIFIED ON THE PLANS MAY BE DONE ONLY WITH THE APPROVAL OF THE LANDSCAPE ARCHITECT.
- PROVIDE A MINIMUM 24" COVER UNDER PAVING AND 18" COVER THROUGH PLANTERS AND 12" OVER ALL LATERAL LINES.
- THE CONTRACTOR SHALL NOT WILLFULLY INSTALL THE SYSTEM AS DESIGNED WHEN IT IS OBVIOUS IN THE FIELD THAT OBSTRUCTIONS OR GRADE DIFFERENCES EXIST THAT WERE NOT IDENTIFIED IN THE DRAWINGS. SUCH CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE. OTHERWISE, THE CONTRACTOR MUST ASSUME FULL RESPONSIBILITY FOR ANY NECESSARY REVISIONS.
- ALL WIRE CONNECTIONS TO BE MADE IN VALVE BOX WITH WATER TIGHT CONNECTORS PER THE MANUFACTURERS DIRECTIONS. WIRE SPLICES SHALL NOT BE PERMITTED UNLESS APPROVED BY THE OWNER'S REPRESENTATIVE. WIRE SPLICE LOCATIONS MUST BE INDICATED ON 'AS-BUILTS'.
- FOR MAINLINE PIPE AND FITTINGS THRUST RESTRAINTS. SEE LEGEND AND DETAILS.
- SEE IRRIGATION DETAILS FOR ADDITIONAL INFORMATION.
- A DIAGRAM OF THE IRRIGATION PLAN SHOWING HYDROZONES SHALL BE KEPT WITH THE IRRIGATION CONTROLLER FOR SUBSEQUENT MANAGEMENT PURPOSES.

IRRIGATION EQUIPMENT AND PIPING IS DIAGRAMMATIC FOR GRAPHICAL CLARITY.

- ALL PIPING, VALVES, ETC. SHOWN WITHIN PAVED AREAS IS FOR DESIGN CLARIFICATION ONLY AND SHALL BE INSTALLED IN PLANTING AREAS WHERE POSSIBLE.
- AVOID ANY CONFLICTS BETWEEN THE IRRIGATION SYSTEM AND PLANTING AND ARCHITECTURAL FEATURES.

IRRIGATION COMPLIANCE

- THE IRRIGATION SYSTEM IS COMPLIANT WITH THE CRITERIA OF THE 2019 WATER EFFICIENT LANDSCAPE ORDINANCE AND THE REQUIREMENTS FOR THE EFFICIENT USE OF WATER IN THE LANDSCAPE DESIGN PLAN.

EXISTING IRRIGATION SYSTEM

- ASSUMED IRRIGATION SYSTEM IS CONNECTED TO POTABLE WATER AT THE IRRIGATION POINT OF CONNECTION.
- EXISTING CONTROLLER IS LOCATED ON THE SOUTH SIDE OF THE FIELD, CONNECT NEW VALVE.



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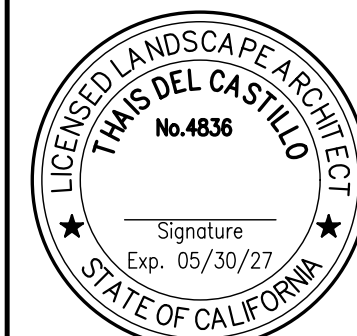
REVISIONS

No. Date Description

PROJECT

ROSA PARKS MIDDLE SCHOOL

2250 68TH AVE
SACRAMENTO, CA
95822



DATE: SIGNED: 10/08/23

SHEET TITLE

IRRIGATION PLAN

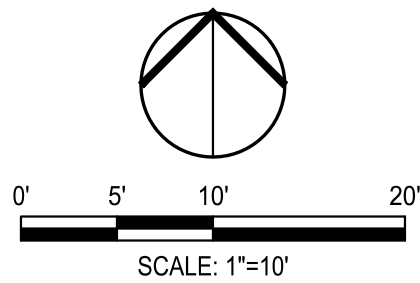
Proj Mgr TDC
Drawn by SLT
Date 10/08/2023
Job No. 25071
Sheet:

L2.0 of: ?

PROJECTS (2021) SACRAMENTO CITY, US: SCHOOL AND GROUND COVER PLANS AND GRAPHICS IMPROVEMENT PLANS ROSA PARKS MIDDLE SCHOOL (2021) L3.0 - SHRUB & GROUND COVER PLAN, BRWG, 10/08/2025, 5:10 PM



Know what's below.
Call before you dig.



PLANT SCHEDULE

SYMBOL	CODE	BOTANICAL / COMMON NAME	CONT	WATER USE	QTY
TREES					
	CER OCC	Cercis occidentalis / Western Redbud	15 gal	L	3
	OLE FRU	Olea europaea 'Fruitless' / Fruitless Olive	15 gal	L	12
	QUE LOB	Quercus lobata / Valley Oak	15 gal	L	15
SHRUBS					
	ACH MOO	Achillea x 'Moonshine' / Moonshine Yarrow	1 gal	L	29
	CAR TUM	Carex tumulicola / Foothill Sedge	1 gal	L	36
	LOM P10	Lomandra longifolia 'Platinum Beauty' / Platinum Beauty Dwarf Mat Rush	5 gal	L	24
	RHA BA4	Rhaphiolepis indica 'Ballerina' / Ballerina Indian Hawthorn	5 gal	L	18
	SAL CLE	Salvia clevelandii / Cleveland Sage	1 gal	L	8
	SPI DOU	Spiraea douglasii / Western Spiraea	1 gal	L	12

GROUND COVER

Sod: 100% Hybrid Bermuda, Overseeded with Rye
Grass (October 1 - March 31)

TREE NOTES

PROPOSED TREES TO BE PROVIDED BY SACRAMENTO TREE FOUNDATION.
CONTACT: 916.924.8733

GENERAL PLANTING NOTES

- IF A DISCREPANCY BETWEEN THESE PLANS AND ACTUAL ON-SITE CONDITIONS OCCURS, THE CONTRACTOR IS TO NOTIFY THE OWNER IMMEDIATELY FOR A DECISION, BEFORE PROCEEDING WITH HIS WORK.
- ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH LOCAL AND STATE CODES AND STANDARDS.
- ALL PLANTS BROUGHT ONTO THE SITE SHALL BE WATERED AND PROTECTED FROM EXCESSIVE WIND, SUN, FROST, PHYSICAL DAMAGE AND THEFT UNTIL PLANTED.
- ALL ASPHALT, BASE COURSE AND OTHER DEBRIS ARE TO BE REMOVED COMPLETELY BELOW PLANTING AREAS TO NATIVE SOIL LEVEL.
- CONTRACTOR IS RESPONSIBLE TO OBTAIN A SOILS TEST FROM A SOIL TESTING LABORATORY, INCLUDING RECOMMENDATIONS, AND TO PROVIDE THE APPROPRIATE AMENDMENTS BASED ON THE TEST RESULTS.
- SOIL PREPARATION: ALL PLANTING AREAS SHALL BE ROTOTILLED TO A DEPTH OF 6", INCORPORATING ALL SOIL AMENDMENTS AS RECOMMENDED BY THE SOILS FERTILITY ANALYSIS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR POSITIVE SURFACE DRAINAGE AT 2% MINIMUM IN PLANTING AREAS EXCEPT WHERE SHOWN.
- FINISH GRADE OF PLANTER AREAS TO BE ONE (1) INCH BELOW PAVING. WATER SOIL THOROUGHLY BEFORE PLANTING. ALL PLANTS SHALL BE SET AT SUCH A LEVEL THAT AFTER SETTLING THEY BEAR THE SAME RELATIONSHIP TO THE SURROUNDING FINISH GRADE AS THEY BORE TO THE SOIL LINE GRADE IN THE CONTAINER, UNLESS OTHERWISE NOTED.
- ALL GROUND COVER, SHRUBS, AND TREES TO HAVE GRO-POWER, 7 GRAM FERTILIZER TABLETS (12-5-8) OR EQUAL SET AT MIDPOINT OF BACKFILL AROUND ROOTBALL. QUANTITY ACCORDING TO THE MANUFACTURER'S DIRECTIONS.
- AFTER PLANTING, FURNISH AND APPLY THE APPROPRIATE PRE-EMERGENT HERBICIDE AT RATES PRESCRIBED BY LAW AND THE MANUFACTURER'S RECOMMENDATIONS. 'SURFLAN T5W' IS RECOMMENDED FOR GROUND COVER AND SHRUB AREAS. ALL PRE-EMERGENT HERBICIDES SHALL BE APPLIED BY LICENSED OPERATORS UNDER FAVORABLE WEATHER CONDITIONS.
- COVER ALL BARE SOIL PLANTING AREAS WITH A 3" DEPTH OF APPROVED BARK MULCH PER SPECIFICATIONS AFTER FINAL SHAPING OF SAUCERS AND DRESS OFF NEATLY.
- TREES ARE TO BE STAKED PER DETAIL.
- TRIANGULAR SPACING FOR GROUND COVER PLANTING BEDS.
- CONTRACTOR SHALL MAINTAIN THE PROJECT FOR A PERIOD OF 90 CALENDAR DAYS. THE BEGINNING OF THE MAINTENANCE PERIOD SHALL BEGIN WITH INSTALLATION APPROVAL BY OWNER'S REPRESENTATIVE.
- NO TREES SHALL BE PLANTED WITHIN FIVE FEET (5') OF SIDEWALKS OR UNDERGROUND WATER MAINS.
- QUANTITIES, IF SHOWN, ARE FOR CONTRACTOR'S REFERENCE ONLY, AND SHALL NOT EXEMPT THE CONTRACTOR FROM PROVIDING FULL AND COMPLETE MATERIALS NECESSARY FOR THE COVERAGE OF PLANTING AREAS AS DRAWN, OR SPACING INDICATED, WHICHEVER IS GREATER.



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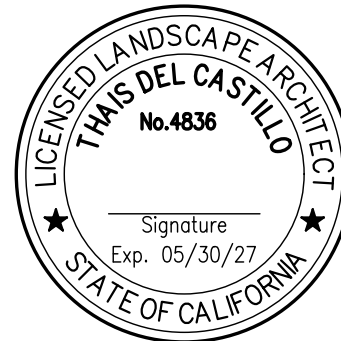
REVISIONS

No. Date Description

PROJECT

ROSA PARKS
MIDDLE
SCHOOL

2250 68TH AVE
SACRAMENTO, CA
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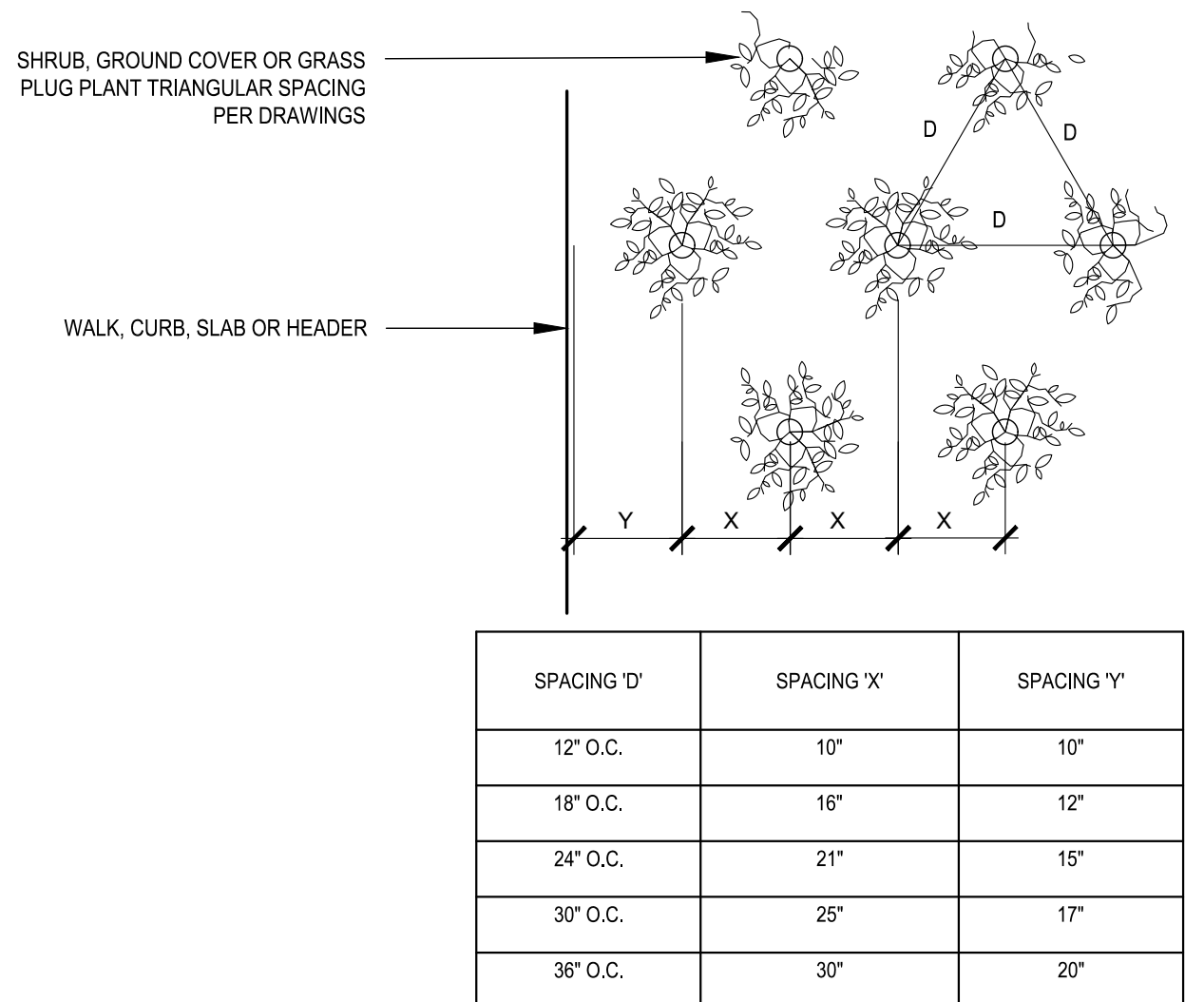
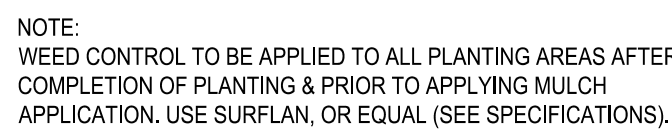
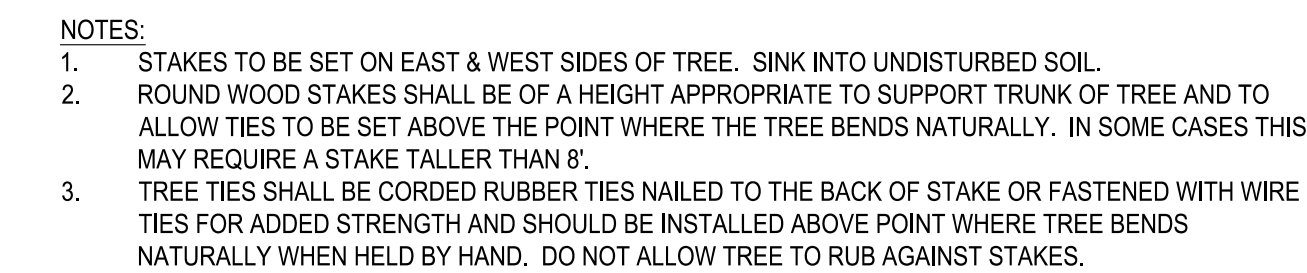
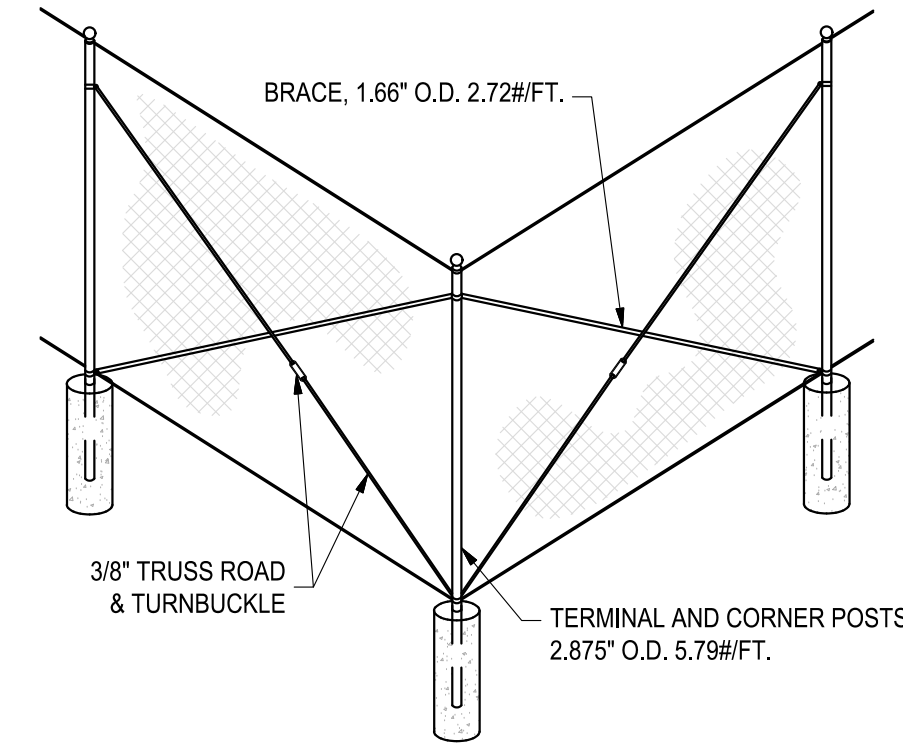
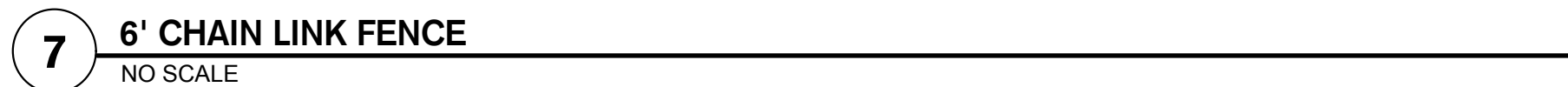
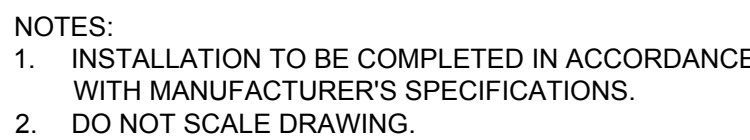
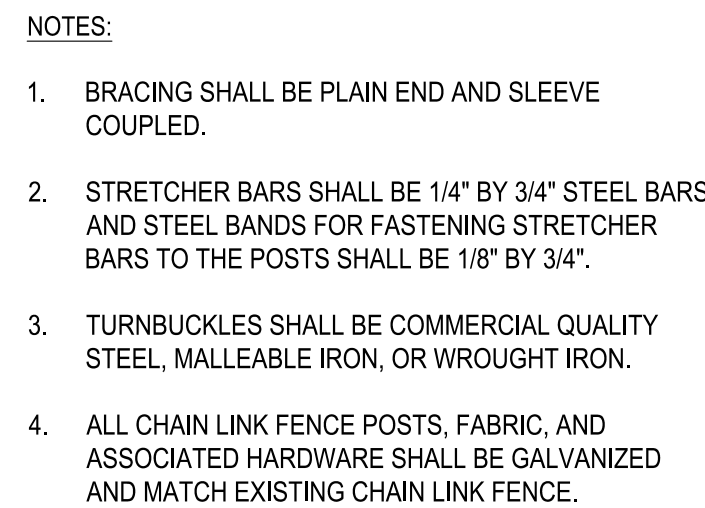
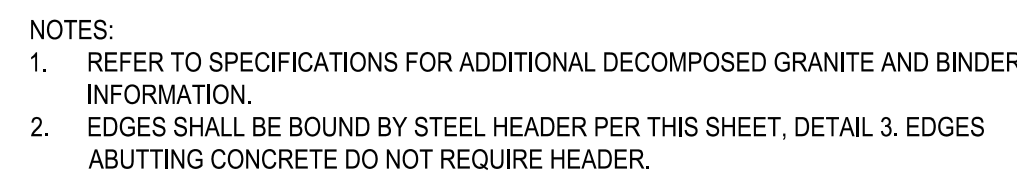
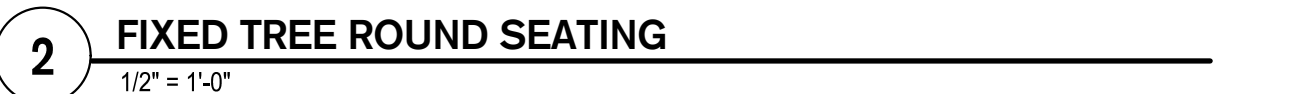
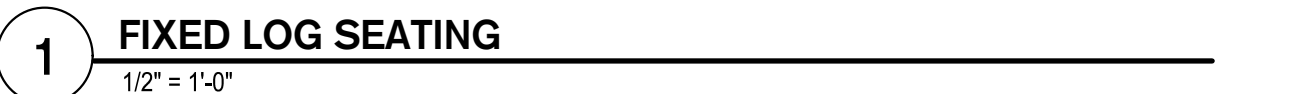
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SHEET TITLE

SHRUB &
GROUND COVER
PLAN

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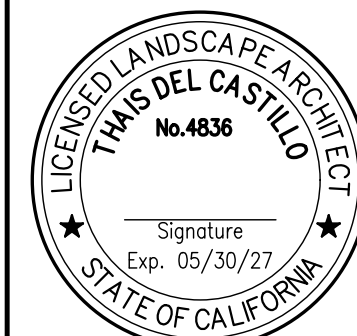
REVISIONS

No. Date Description

PROJECT

**ROSA PARKS
MIDDLE
SCHOOL**

2250 68TH AVE
SACRAMENTO, CA
95822



DATE: SIGNED: 10/08/25

SHEET TITLE

IRRIGATION DETAILS

Proj Mgr TDC

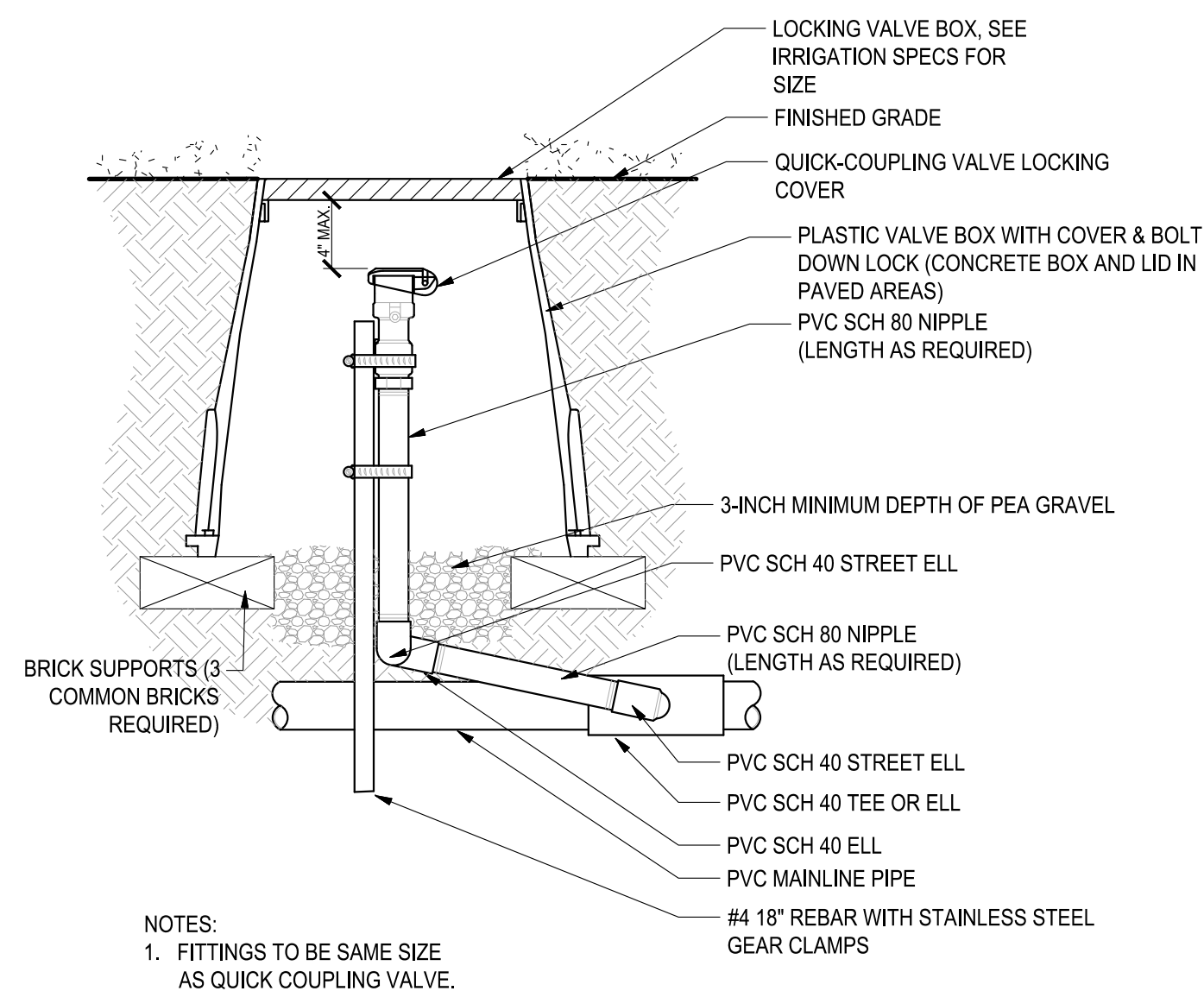
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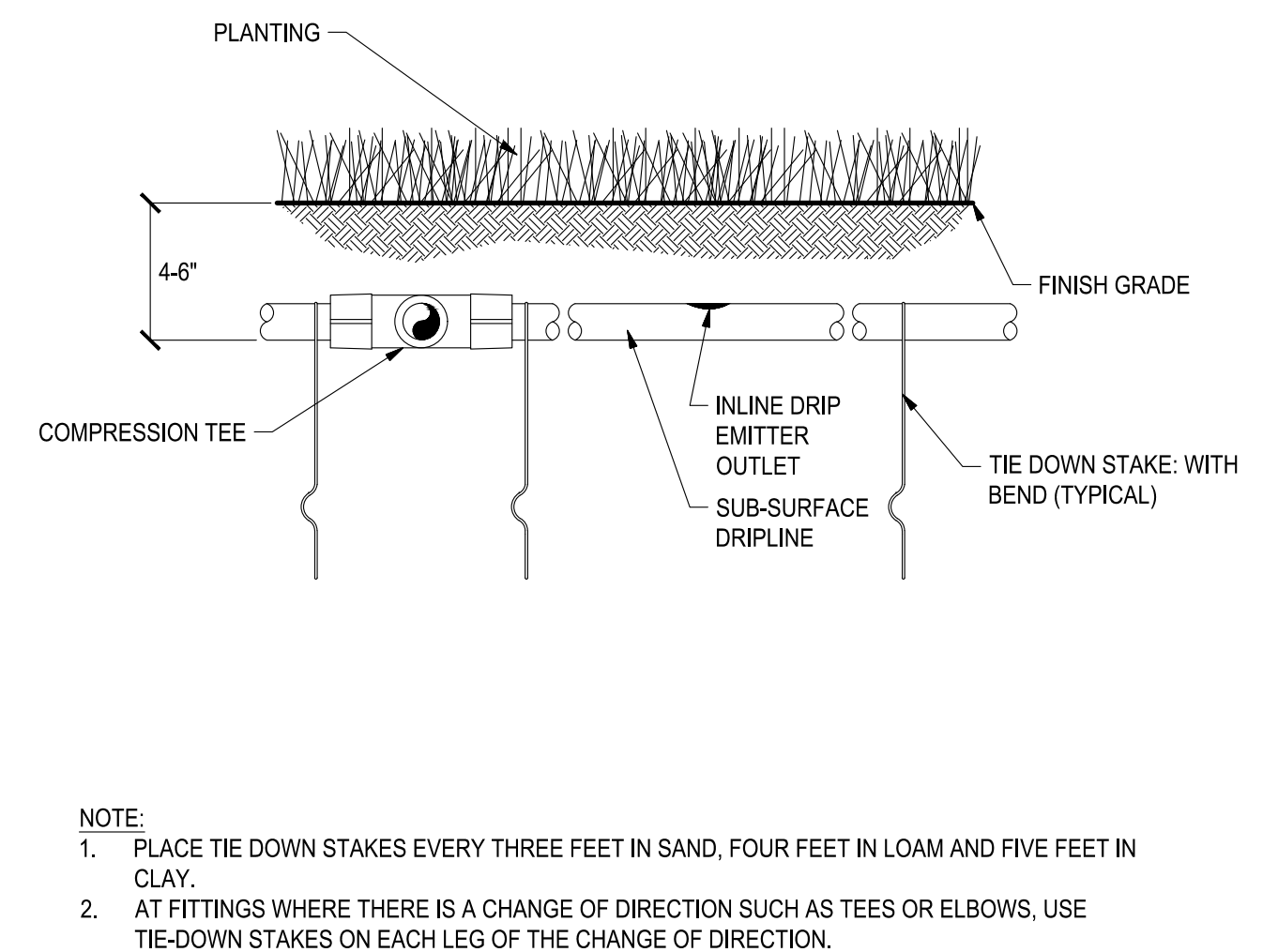
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- NOTES:
1. FITTINGS TO BE SAME SIZE AS QUICK COUPLER VALVE.

5 QUICK COUPLER

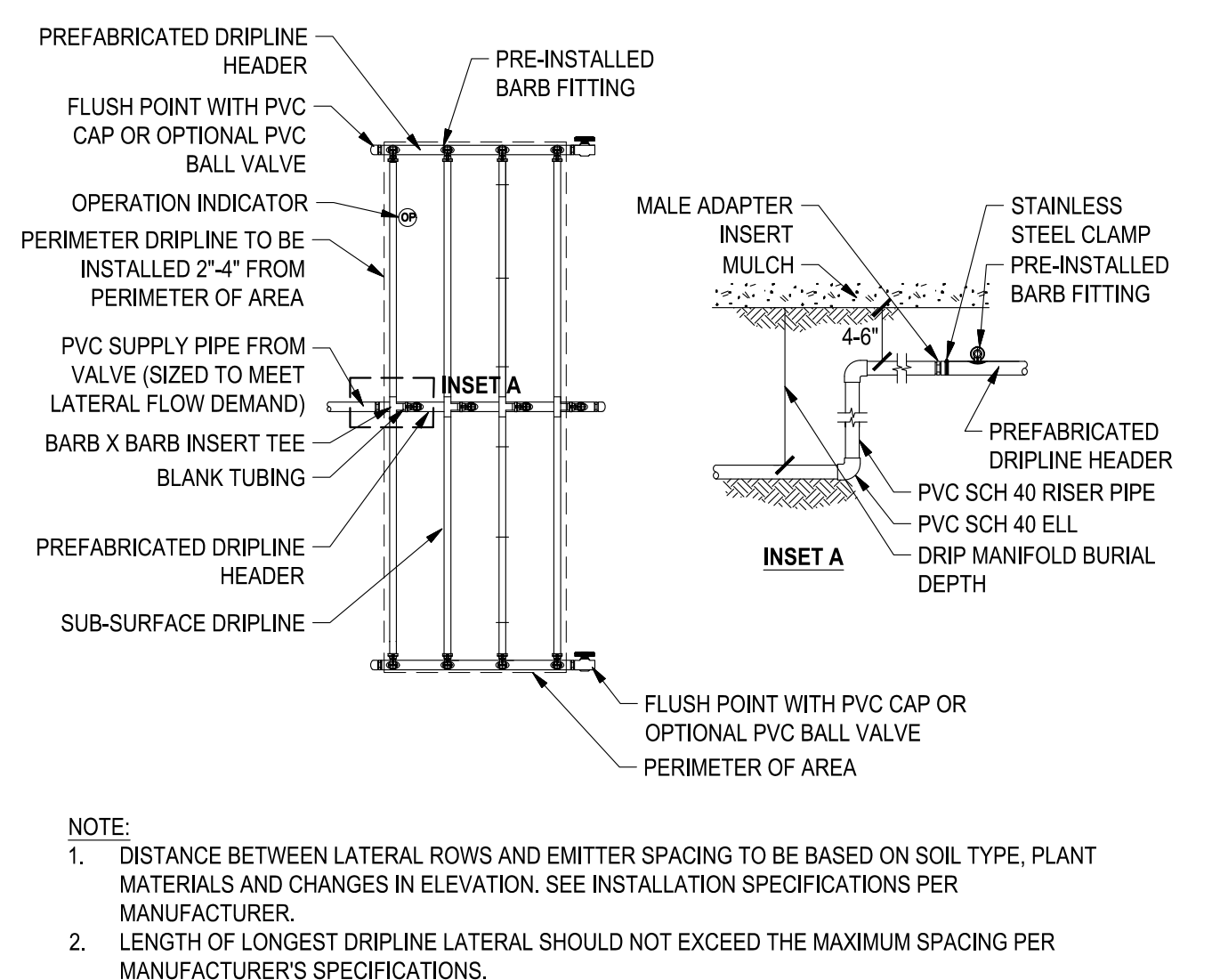
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- NOTE:
1. PLACE TIE DOWN STAKES EVERY THREE FEET IN SAND, FOUR FEET IN LOAM AND FIVE FEET IN CLAY.
 2. AT FITTINGS WHERE THERE IS A CHANGE OF DIRECTION SUCH AS TEES OR ELBOWS, USE TIE-DOWN STAKES ON EACH LEG OF THE CHANGE OF DIRECTION.

10 SUB-SURFACE DRIPLINE STAKING

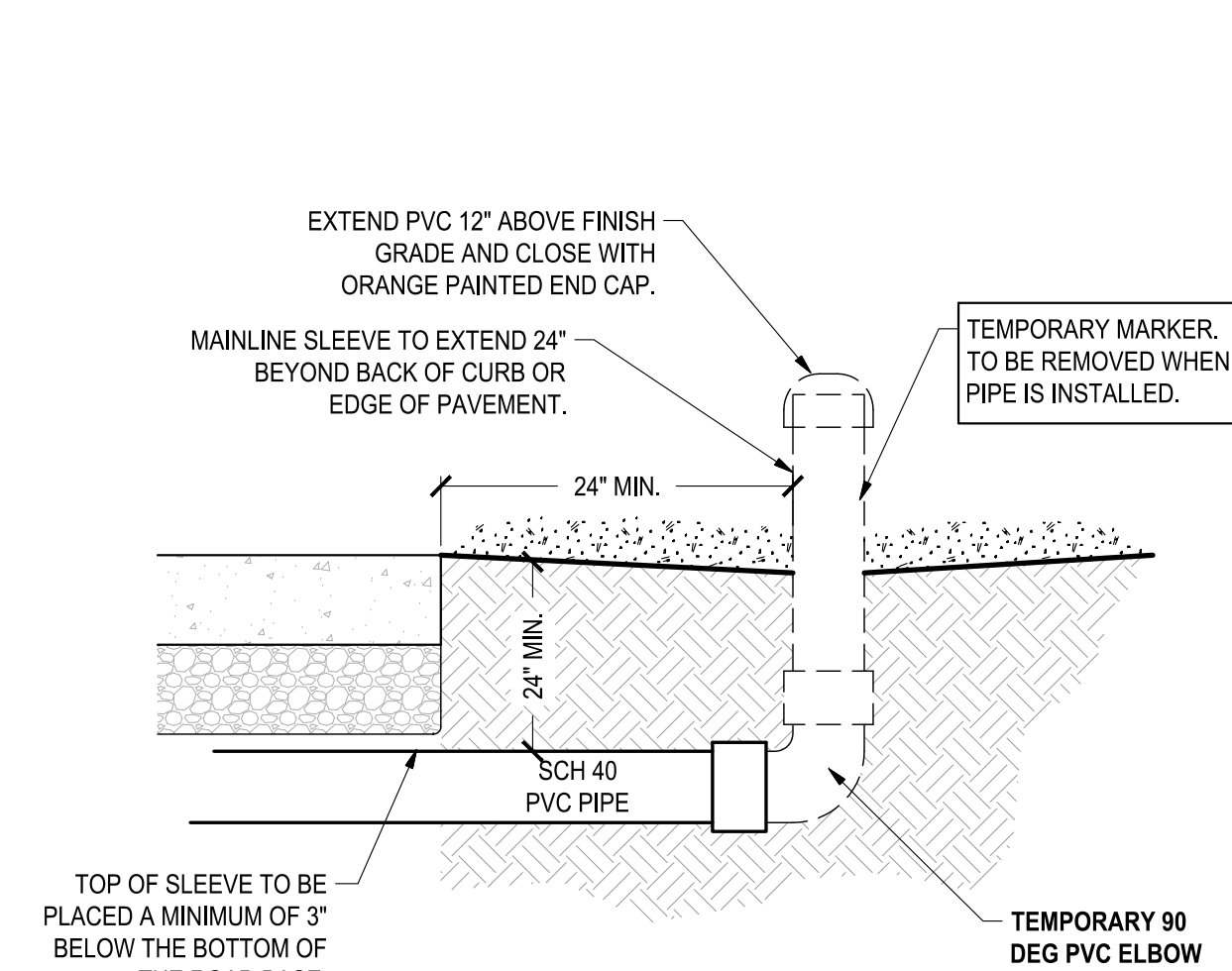
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- NOTE:
1. DISTANCE BETWEEN LATERAL ROWS AND EMITTER SPACING TO BE BASED ON SOIL TYPE, PLANT MATERIALS AND CHANGES IN ELEVATION. SEE INSTALLATION SPECIFICATIONS PER MANUFACTURER.
 2. LENGTH OF LONGEST DRIPLINE LATERAL SHOULD NOT EXCEED THE MAXIMUM SPACING PER MANUFACTURER'S SPECIFICATIONS.

15 SUB-SURFACE DRIPLINE - CENTER FEED LAYOUT

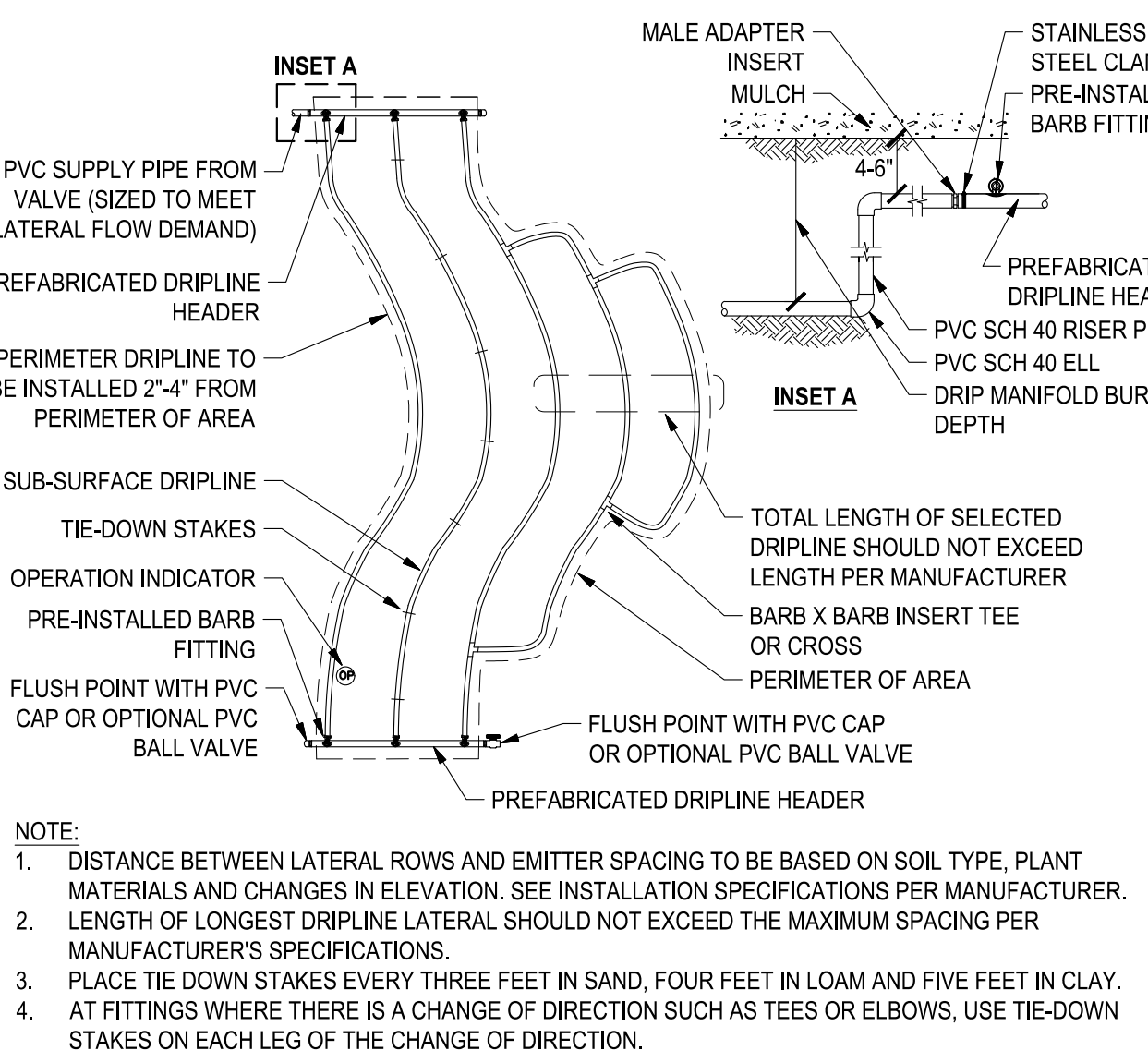
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- NOTE:
1. CONTRACTOR SHALL STABILIZE VALVE DURING INSTALLATION UNTIL BACKFILL IS COMPLETE.

9 REMOTE CONTROL VALVE WITH BALL VALVE

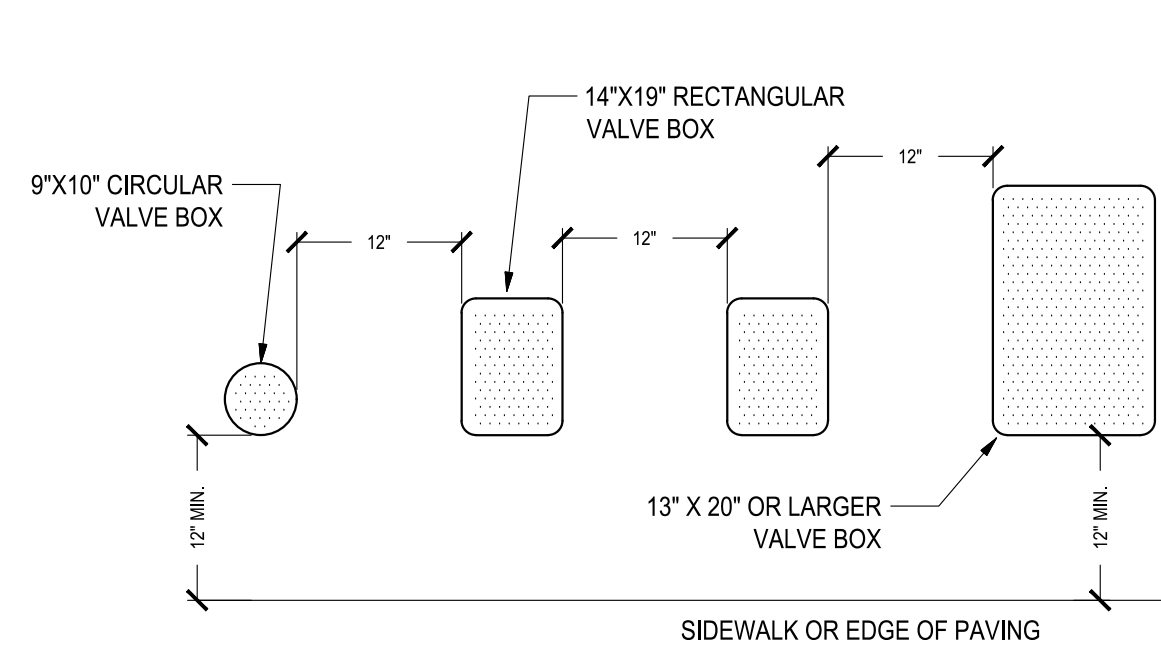
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- NOTE:
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 2. LENGTH OF LONGEST DRIPLINE LATERAL SHOULD NOT EXCEED THE MAXIMUM SPACING PER MANUFACTURER'S SPECIFICATIONS.
 3. PLACE TIE DOWN STAKES EVERY THREE FEET IN SAND, FOUR FEET IN LOAM AND FIVE FEET IN CLAY.
 4. AT FITTINGS WHERE THERE IS A CHANGE OF DIRECTION SUCH AS TEES OR ELBOWS, USE TIE-DOWN STAKES ON EACH LEG OF THE CHANGE OF DIRECTION.

14 SUB-SURFACE DRIPLINE - CURVED EDGE LAYOUT

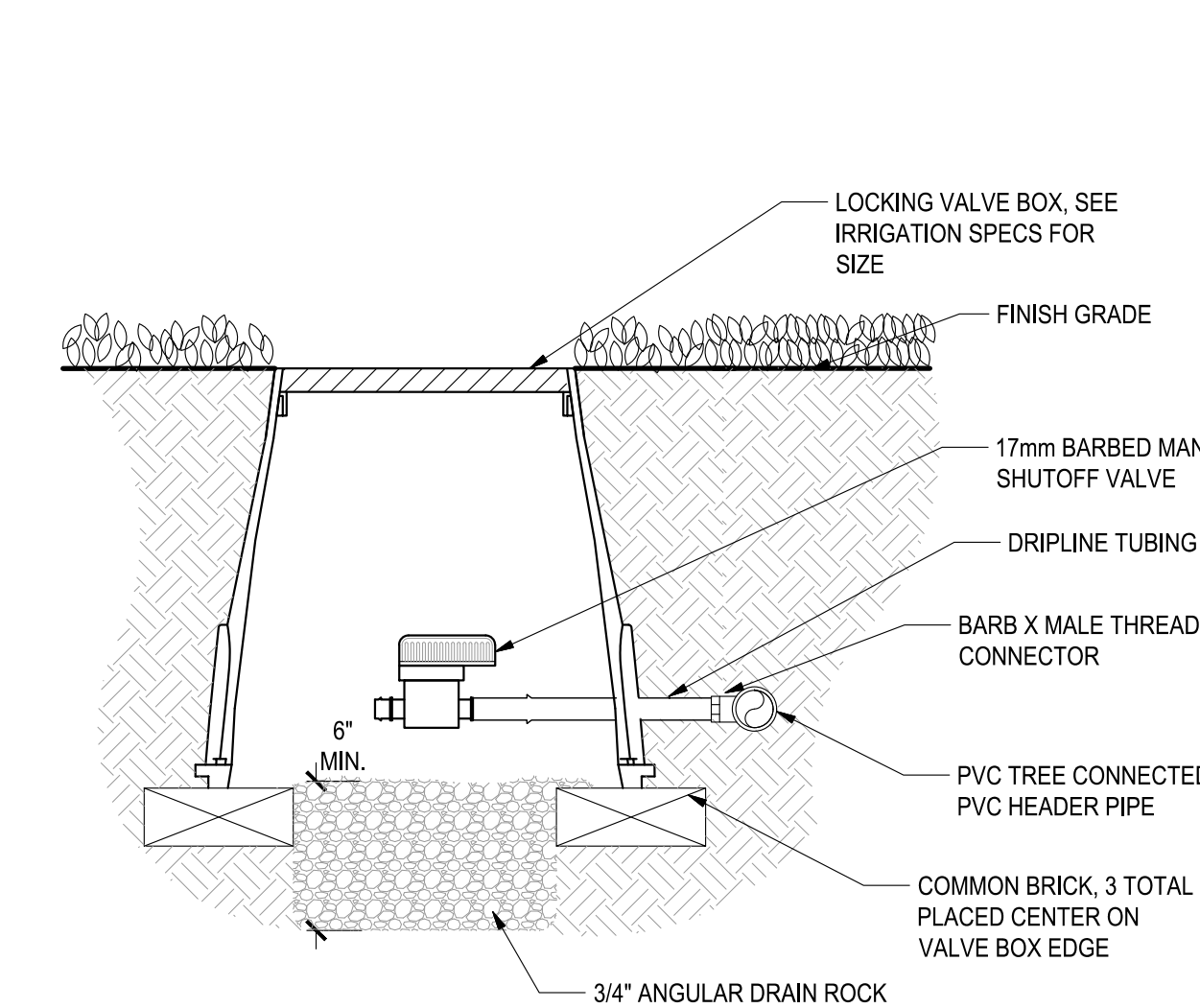
NO SCALE



- NOTES:
1. CENTER BOX OVER VALVE TO FACILITATE SERVICING VALVE.
 2. SET BOXES AT FINISH GRADE OR MULCH COVER IN GROUND COVER/SHRUB AREA AND FLUSH WITH FINISH GRADE IN TURF AREA.
 3. SET VALVE BOX ASSEMBLY IN GROUND COVER/SHRUB AREA WHERE POSSIBLE. INSTALL IN LAWN AREA ONLY IF GROUND COVER/SHRUB AREA DOES NOT EXIST ADJACENT TO LAWN.
 4. SET BOXES PARALLEL TO EACH OTHER AND PERPENDICULAR TO EDGE.
 5. AVOID HEAVILY COMPACTING SOIL AROUND VALVE BOX EDGES TO PREVENT COLLAPSE AND DEFORMATION OF VALVE BOX SIDES.
 6. VALVE BOXES SHALL HAVE BOLT DOWN LIDS WITH BOLTS INSTALLED.

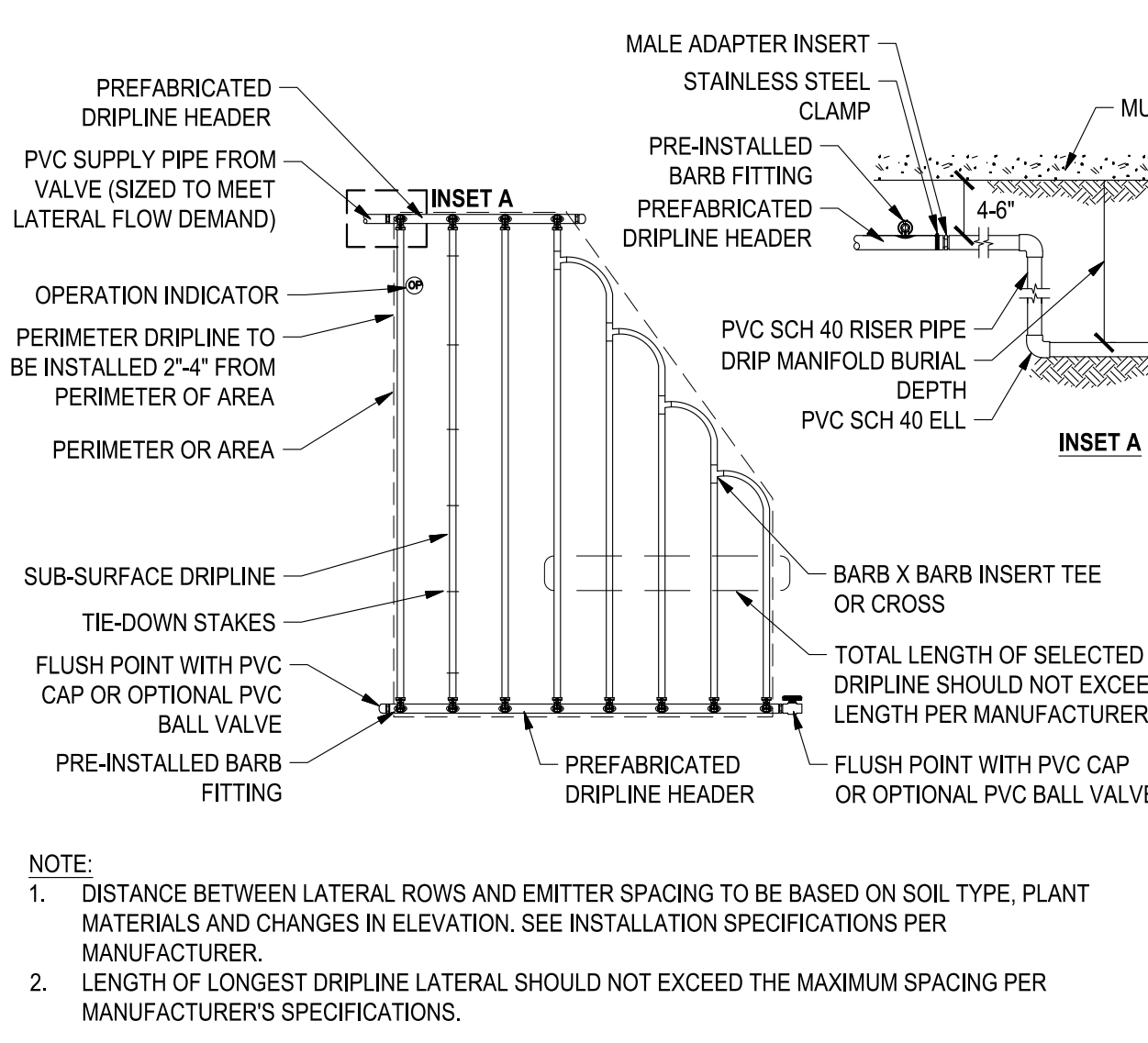
3 VALVE BOX

NO SCALE



8 MANUAL FLUSH VALVE

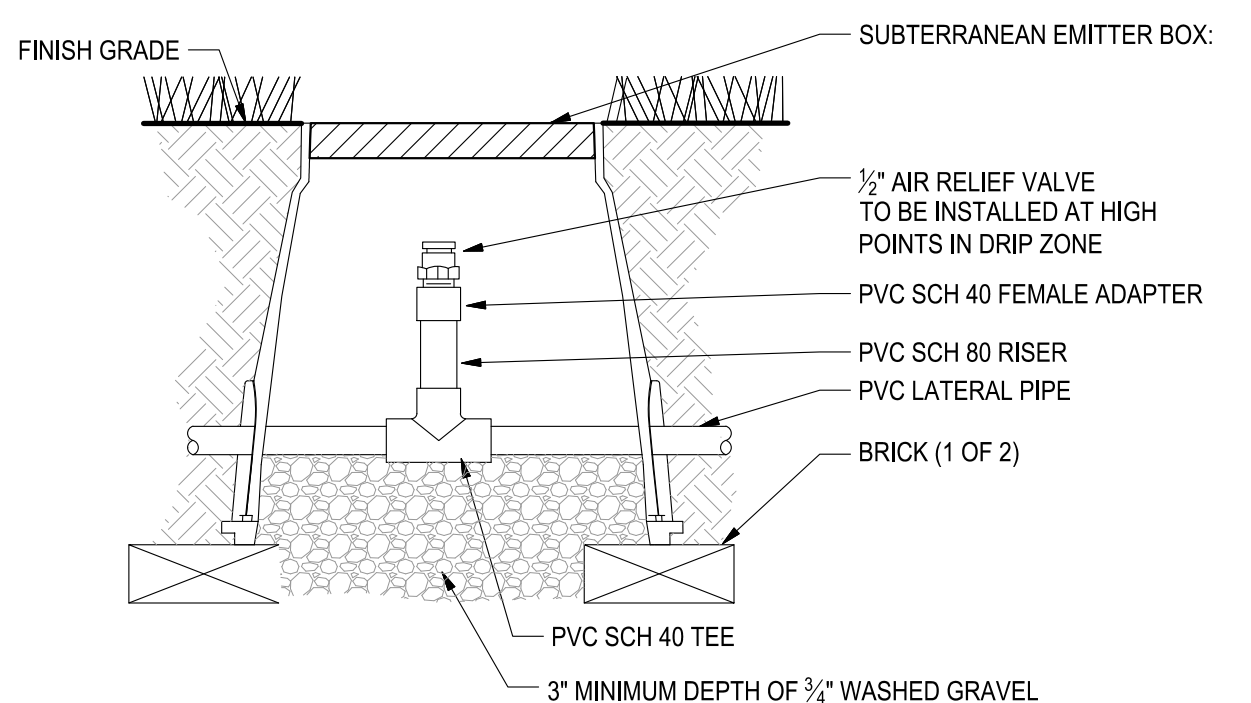
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- NOTE:
1. DISTANCE BETWEEN LATERAL ROWS AND EMITTER SPACING TO BE BASED ON SOIL TYPE, PLANT MATERIALS AND CHANGES IN ELEVATION. SEE INSTALLATION SPECIFICATIONS PER MANUFACTURER.
 2. LENGTH OF LONGEST DRIPLINE LATERAL SHOULD NOT EXCEED THE MAXIMUM SPACING PER MANUFACTURER'S SPECIFICATIONS.

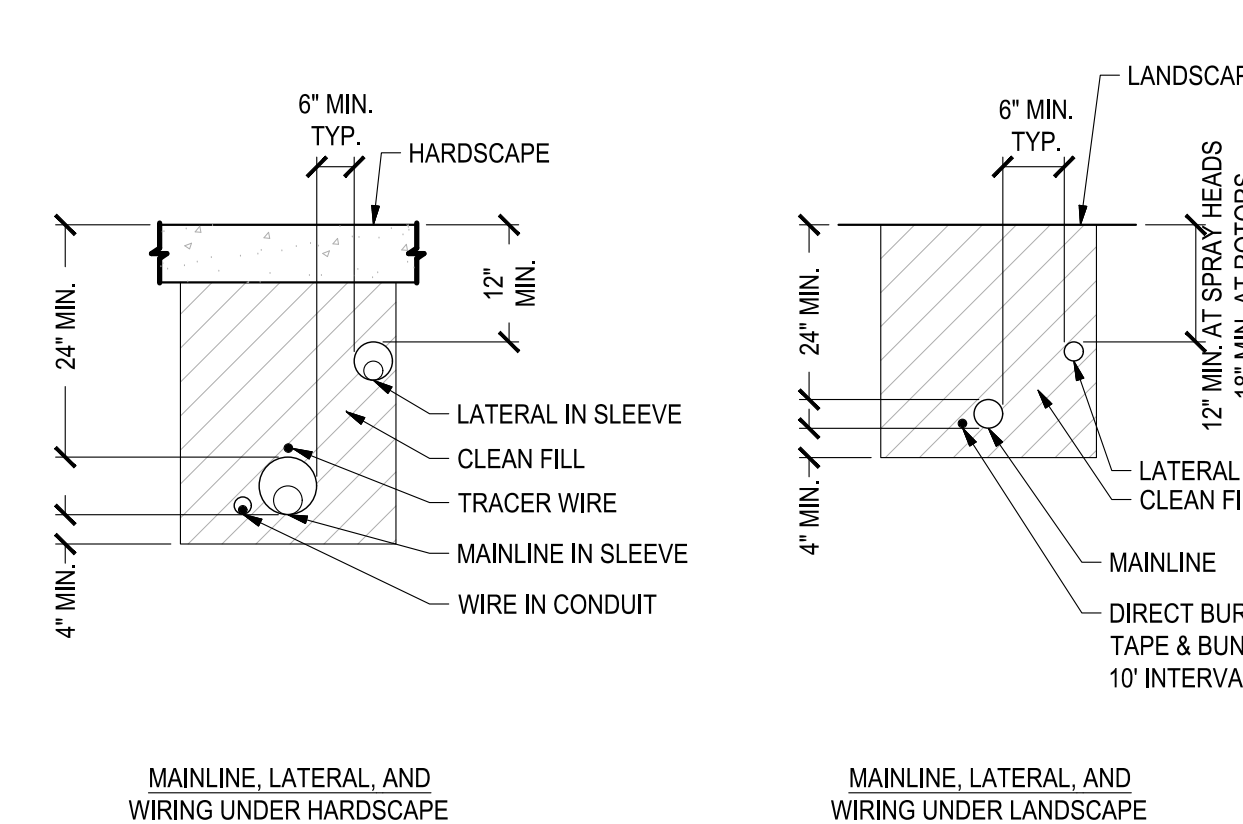
13 SUB-SURFACE DRIPLINE - IRREGULAR SHAPED LAYOUT

NO SCALE



18 AIR RELIEF VALVE

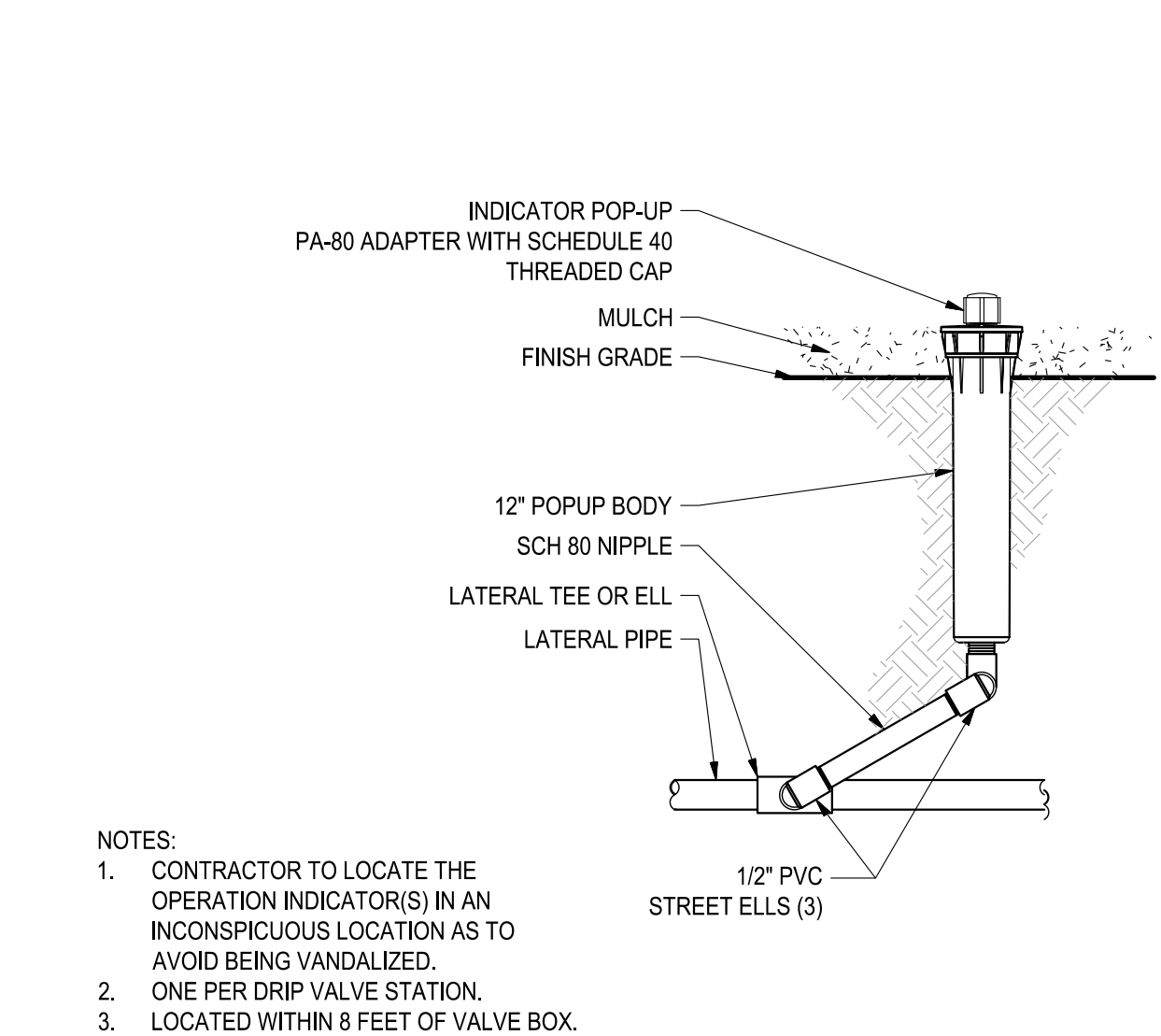
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- NOTES:
1. SLEEVE 24\"/>

2 PIPE AND WIRE TRENCHING

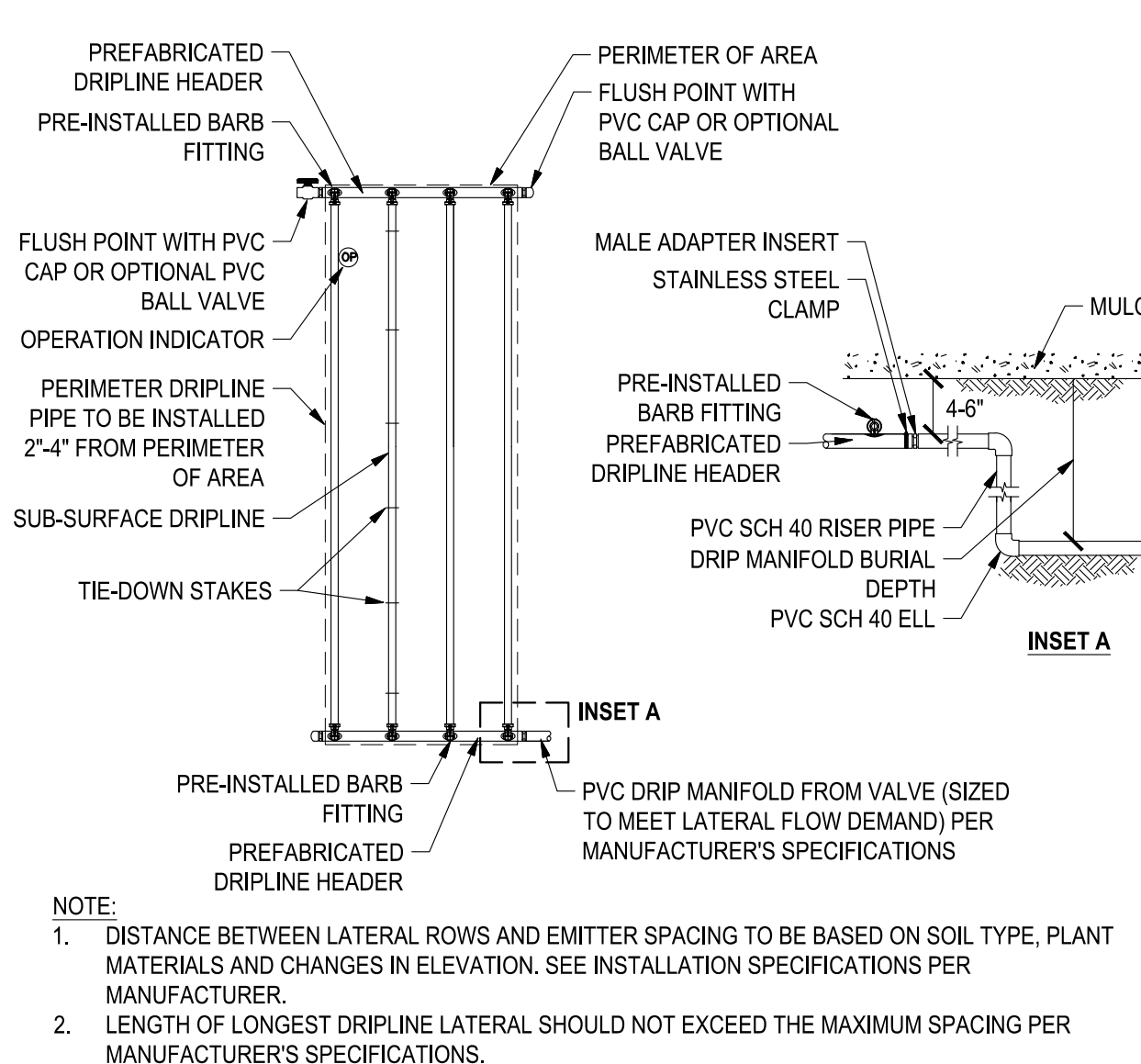
NO SCALE



- NOTES:
1. CONTRACTOR TO LOCATE THE OPERATION INDICATOR(S) IN AN INCONSPICUOUS LOCATION AS TO AVOID BEING VANDALIZED.
 2. ONE PER DRIP VALVE STATION.
 3. LOCATED WITHIN 8 FEET OF VALVE BOX.

7 DRIP SYSTEM OPERATION INDICATOR

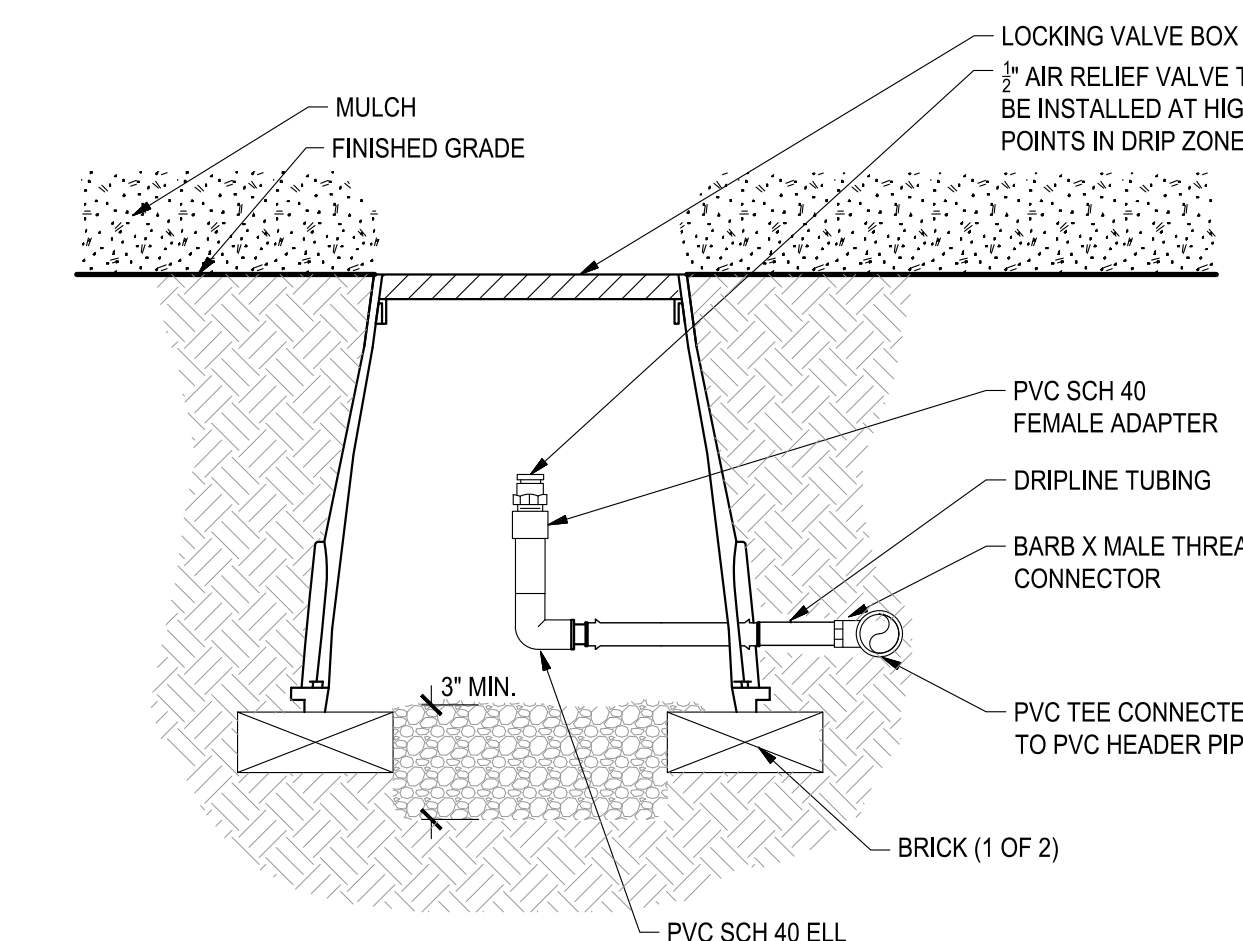
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- NOTE:
1. DISTANCE BETWEEN LATERAL ROWS AND EMITTER SPACING TO BE BASED ON SOIL TYPE, PLANT MATERIALS AND CHANGES IN ELEVATION. SEE INSTALLATION SPECIFICATIONS PER MANUFACTURER.
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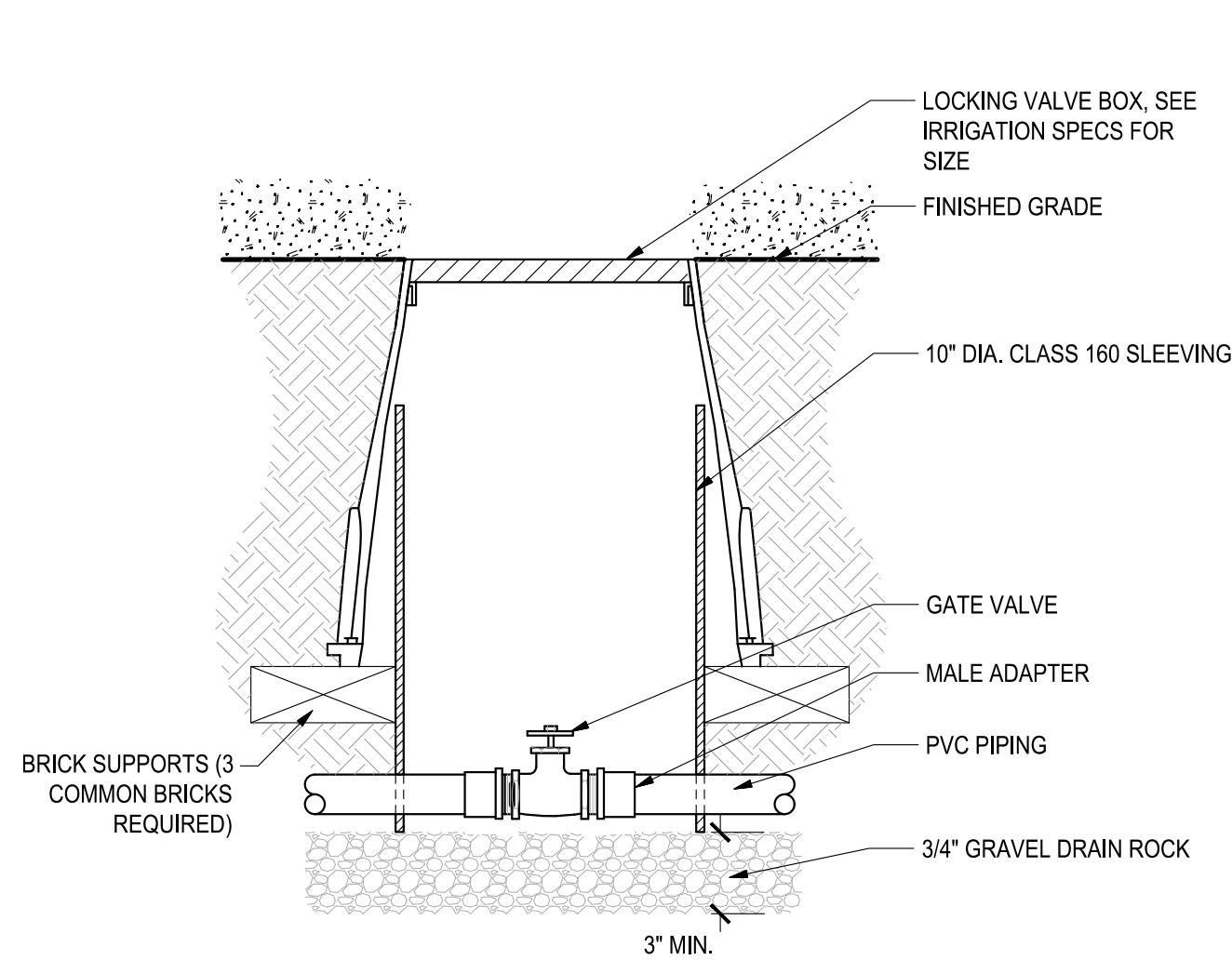
12 SUB-SURFACE DRIPLINE - END FEED LAYOUT

NO SCALE



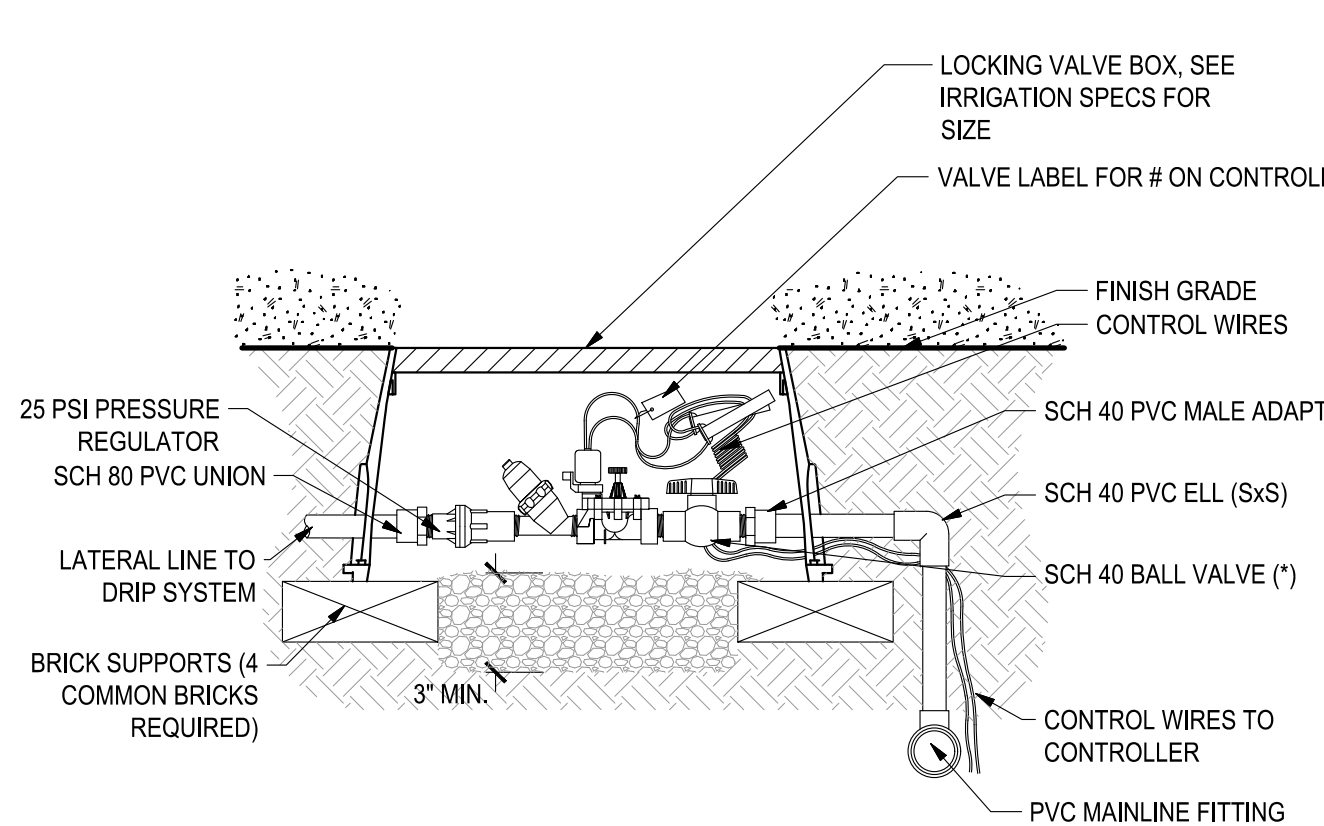
17 AIR RELIEF VALVE

NO SCALE



1 GATE VALVE

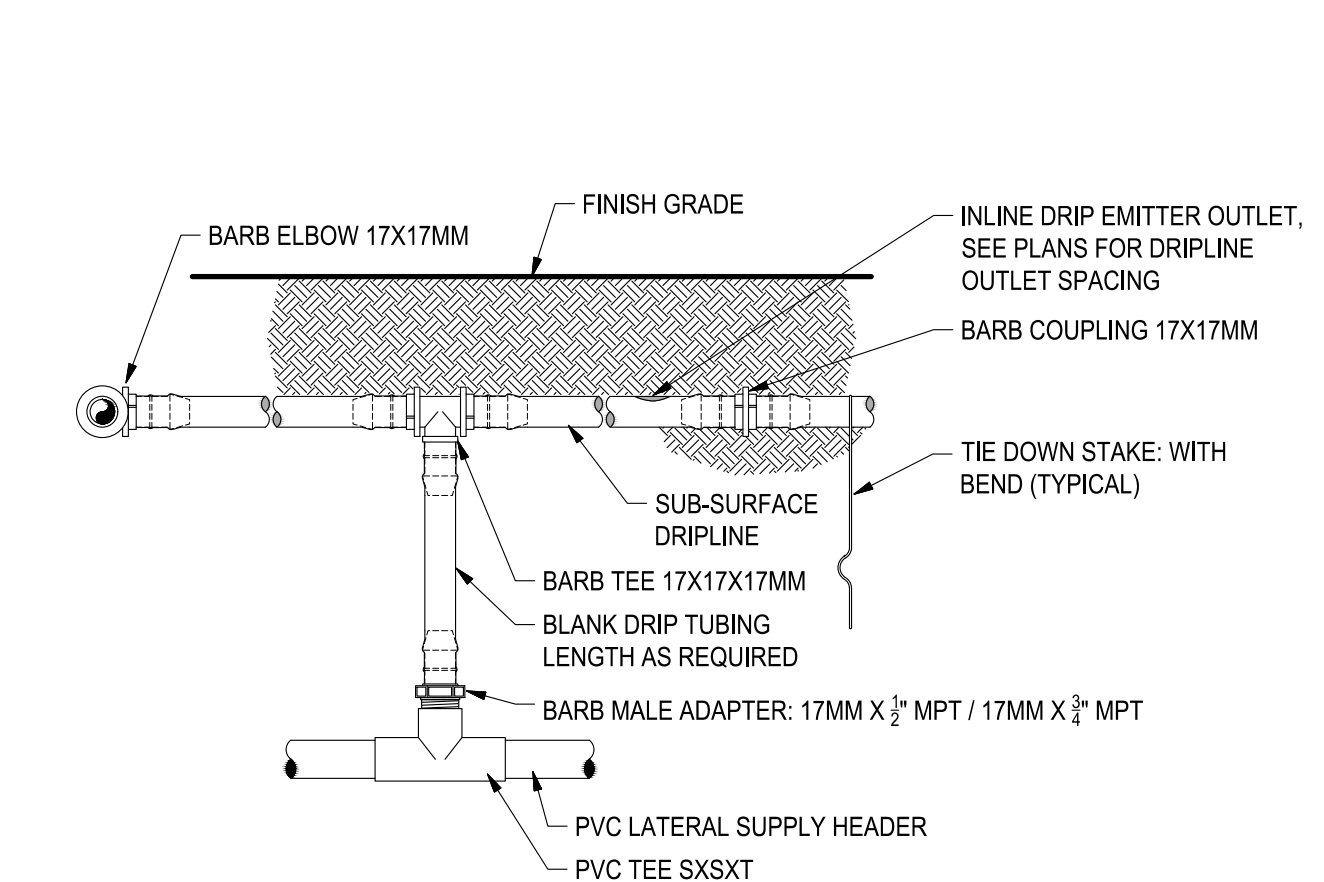
NO SCALE



- NOTES:
1. MIN. AND MAX. FLOW RATE - PER MANUFACTURER.
 2. (7) PARTS IN DRIP ZONE KIT.
 3. INSTALL WIRE MESH UNDER GRAVEL.

6 REMOTE CONTROL VALVE-DRIP

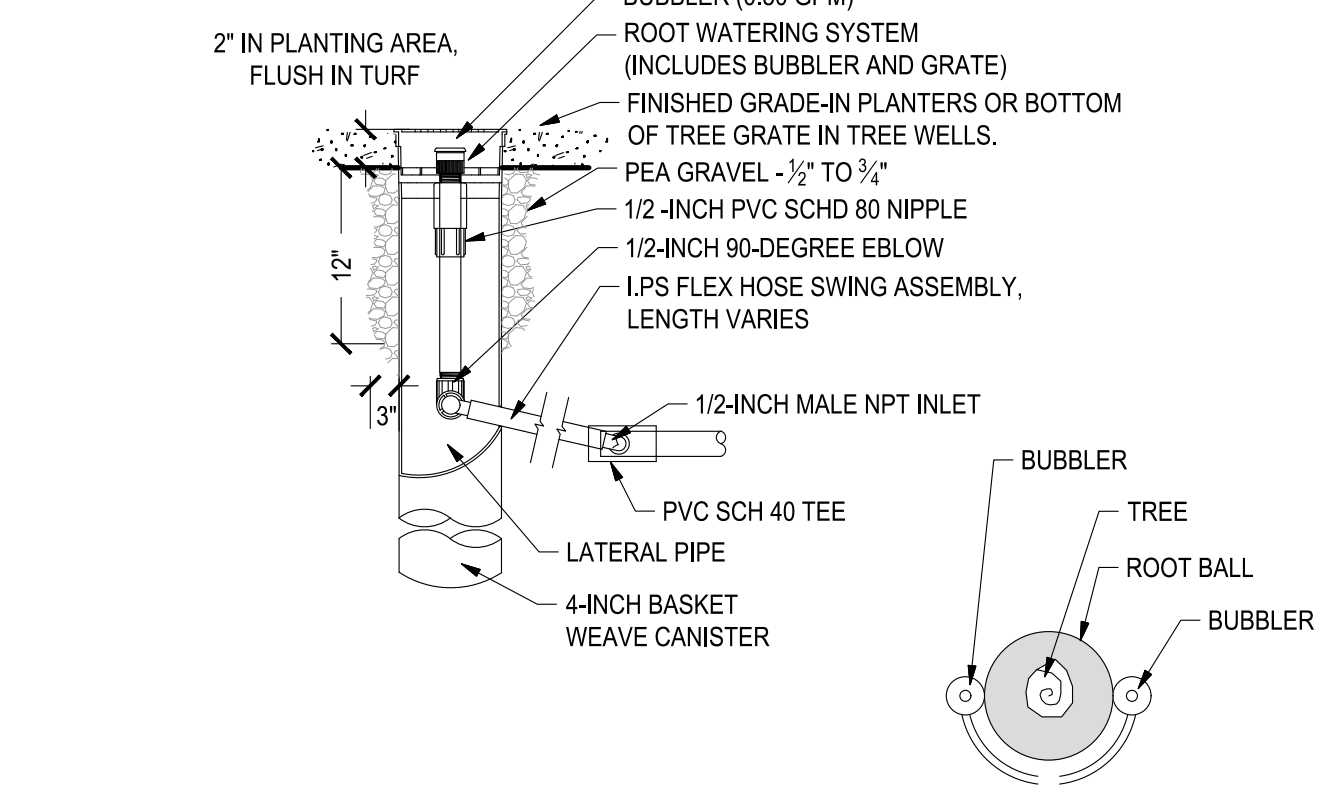
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- NOTE:
1. PLACE TIE DOWN STAKES EVERY THREE FEET IN SAND, FOUR FEET IN LOAM AND FIVE FEET IN CLAY.
 2. AT FITTINGS WHERE THERE IS A CHANGE OF DIRECTION SUCH AS TEES OR ELBOWS, USE TIE-DOWN STAKES ON EACH LEG OF THE CHANGE OF DIRECTION.

11 SUB-SURFACE DRIPLINE - DRIPLINE RISER ASSEMBLY

NO SCALE



- NOTES:
1. BUBBLERS ARE REQUIRED FOR TREES. TWO BUBBLERS PER TREE ARE TO BE PLACED ON OPPOSITE SIDES OF ROOTBALL.
 2. USE PROPER RATED GLUE FOR I.P.S. FLEX HOSE.

16 DEEP ROOT WATERING SYSTEM

NO SCALE



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