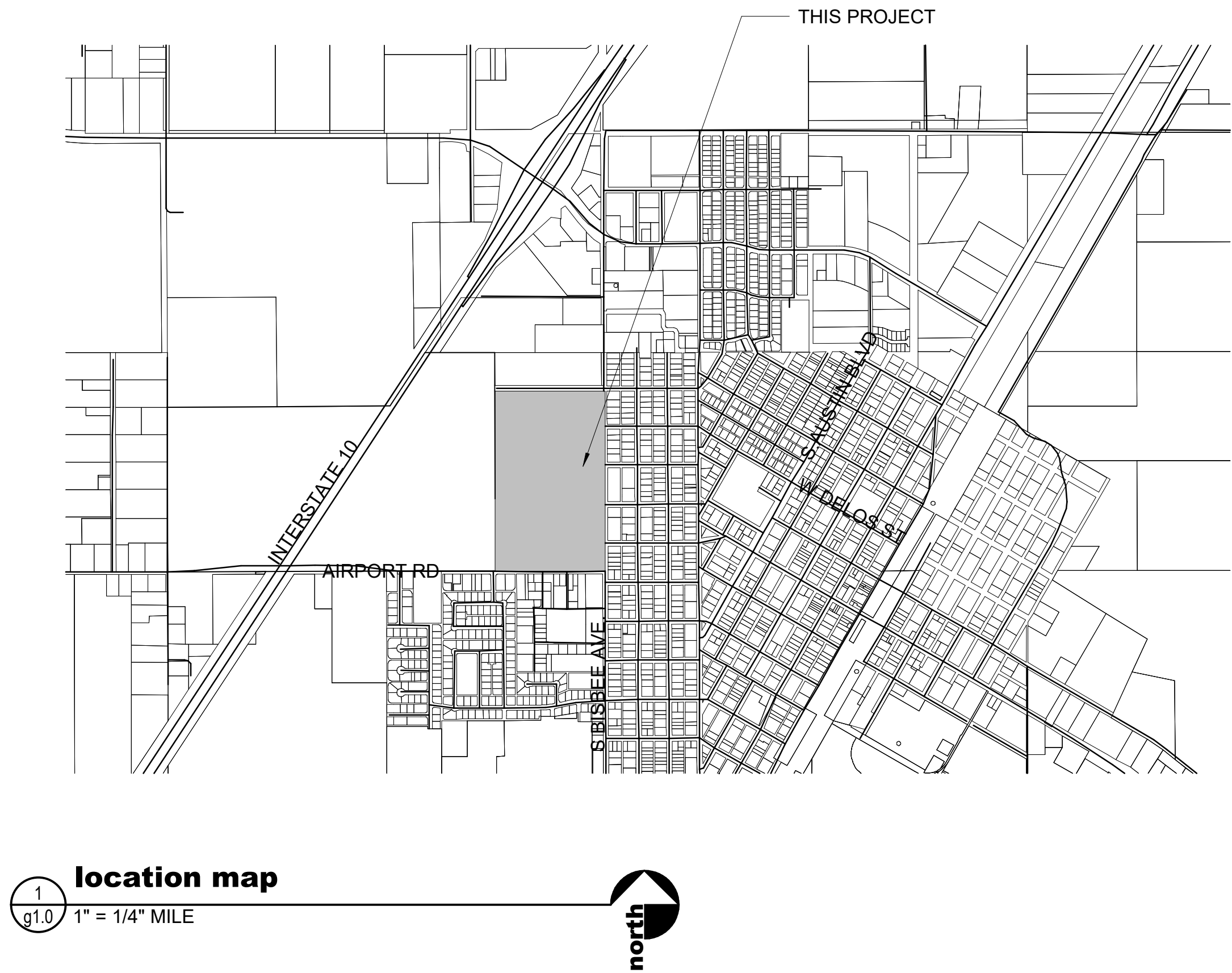


CONSTRUCTION DOCUMENTS

WILLCOX UNIFIED SCHOOL DISTRICT  
WILLCOX HIGH SCHOOL TRACK & FIELD  
REPLACEMENT

TURF IRRIGATION AND SOD  
INSTALLATION



**NOTE:**  
**THIS BID INCLUDES THE FOLLOWING:**  
**1. ALL LANDSCAPE IRRIGATION, SOIL PREP, DECOMPOSED GRANITE AND SOD OUTLINED IN THE L-SHEETS.**  
**2. TRACK CONTRACTOR WILL GET SUBGRADE TO WITHIN .2 INCHES.**

design team

architect

SWAIM ASSOCIATES LTD. ARCHITECTS AIA  
7350 E. Speedway 210  
Tucson, AZ 85710  
(520) 326-3700 - fax: (520) 326-1148  
www.swaimaia.com

Mark Bollard, AIA mbollard@swaimaia.com  
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civil

RICK ENGINEERING  
3945 East Fort Lowell Road, Suite 111  
Tucson Arizona 85712  
(520) 795-1000 - fax: (520) 322-6956  
www.rickengineering.com

Brian Chimera, PE bchimera@rickengineering.com

landscape architect

WESTLAND RESOURCES, INC  
4001 East Paradise Falls Dr.  
Tucson AZ 85712  
(520) 206-9585 - fax: (520) 206-9518  
www.westlandresources.com

Rick Schonfeld, RLA Rschonfeld@WestlandResources.com

general project notes

- A. COORDINATE BETWEEN PROJECTS. THE OWNER WILL CONTRACT WITH MULTIPLE CONTRACTORS FOR THE FOLLOWING:
- I. SYNTHETIC TRACK
- a. DEMOLITION OF EXISTING TRACK AND CURBS
- b. GRADING OF ALL AREAS, SUBGRADE AT TURF
- c. CONCRETE CURBS AND FLATWORK
- d. PAD ELEVATIONS FOR RESTROOM BUILDING
- e. CHAIN-LINK FENCING
- f. TRACK ASPHALT AND SURFACE
- g. TRACK EVENTS
- h. TRACK DRAINAGE
- i. INSTALL GOAL POSTS
- II. BLEACHERS
- a. DEMOLITION OF EXISTING BLEACHERS
- b. INSTALLATION OF NEW BLEACHERS AND PRESS BOX
- III. FIELD LIGHTING
- a. DEMOLITION OF EXISTING LIGHT/ POLES AND ELECTRICAL
- b. NEW LIGHTS AND POLES
- IV. TURF FIELD
- a. TURF IRRIGATION
- b. SOIL PREPARATION
- c. NEW SOD
- d. ESTABLISH PERIOD
- V. PRECAST RESTROOMS
- a. SET AND CONNECT
- B. EACH CONTACT IS RESPONSIBLE FOR PROVIDING TEMPORARY TOILETS AND STORAGE. THE FIELD AREA IS FENCED.
- C. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE EXISTENCE AND LOCATION OF ALL UNDERGROUND OR CONCEALED UTILITIES IN ADVANCE OF ANY CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE TO HIRE A PRIVATE UTILITY LOCATING SERVICE TO LOCATE ALL UNDERGROUND UTILITIES ON OR NEAR THE PROJECT SITE.
- D. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ANY OR ALL EXISTING CONDITIONS PRIOR TO THE START OF CONSTRUCTION. ANY UTILITIES FOUND TO BE IN THE WAY OF THE NEW CONSTRUCTION SHALL BE REMOVED, RELOCATED OR REPLACED AS DIRECTED. REFER CIVIL AND LANDSCAPE PLANS FOR SPECIFIC REQUIREMENTS.
- E. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO REMOVE ALL ABANDONED (RETIRED) UTILITIES THAT INTERFERE WITH THE CONSTRUCTION PROJECT. THE CONTRACTORS AND LOCAL UTILITY AND TRAFFIC CREWS SHALL COORDINATE WORK SCHEDULES SO AS TO PREVENT ANY CONFLICTING WORK CONDITIONS.
- F. CONTRACTOR SHALL REPAIR ANY AND ALL UTILITIES DAMAGED DURING THE COURSE OF CONSTRUCTION IN ACCORDANCE WITH LOCAL SPECIFICATIONS, AT NO ADDITIONAL COST.
- G. CONTRACTOR TO NOTIFY "BLUE STAKE" @ 1-800-782-5348, AT LEAST 48-HOURS IN ADVANCE OF ANY EXCAVATION. UTILITY LOCATIONS SHALL BE COORDINATED WITH THE ARCHITECT.
- H. ALL ITEMS REMOVED SHALL BE TEMPORARILY STORED IN A LOCATION APPROVED BY THE OWNER, AND THE OWNER SHALL REVIEW ALL ITEMS PRIOR TO ANY DISPOSAL. ANY ITEM WHICH IS DEEMED SALVAGEABLE SHALL REMAIN THE OWNER'S PROPERTY, AND WILL BE REMOVED TO STORAGE FACILITIES DESIGNATED BY THE OWNER FOR FUTURE USE. IF THE OWNER DEEMS AN ITEM AS NON-SALVAGEABLE, THE CONTRACTOR SHALL DISPOSE OF IT.
- I. THE CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL AND DISPOSAL OF ANY DEBRIS RESULTING FROM THE DEMOLITION AND CONSTRUCTION. AT NO TIME SHALL ANY OF THIS MATERIAL OBSTRUCT THE NORMAL OPERATION.
- J. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ANY OR ALL EXCESS EXCAVATION AND CONSTRUCTION RELATED DEBRIS, AT THE END OF EACH WORK DAY.
- K. THE CONTRACTOR IS ADVISED THAT DAMAGE TO ANY PORTION OF THIS PROJECT'S BUILDING(S) & SURROUNDING AREA AS A RESULT OF THIS PROJECT IS TO BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- L. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSPECT THE JOB SITE TO FAMILIARIZE HER/HIM SELF WITH ALL THE EXISTING CONDITIONS THAT COULD AFFECT THE INSTALLATION OF ANY WORK SET FORTH IN THESE PLANS.
- M. THE JOB SITE, AT THE COMPLETION OF CONSTRUCTION, SHALL BE CLEANED OF ANY DEBRIS OR SPOILS RESULTING FROM THE CONSTRUCTION.
- N. THE CONTRACTOR IS RESPONSIBLE TO FIELD VERIFY ALL EXISTING RECORDED DIMENSIONS INDICATED AND ALL EXISTING CONDITIONS THAT IMPACT NEW CONSTRUCTION.
- O. THE CONTRACTOR SHALL ESTABLISH ALL QUANTITIES BASED ON ACTUAL CONDITIONS. THESE DRAWINGS ARE NOT TO BE SCALED.
- P. COMPLY WITH ALL APPLICABLE CODES, RULES AND REGULATIONS. OBTAIN AND PAY FOR ALL PERMITS AND LICENSES REQUIRED.
- Q. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT AT LEAST 72 HOURS IN ADVANCE OF ANY CONSTRUCTION THAT REQUIRES SPECIAL/REQUIRED INSPECTION(S).
- R. REFERENCE ALL ARCHITECTURAL, CIVIL AND LANDSCAPING SHEETS FOR SCOPE OF WORK & COORDINATION.
- S. ALL MATERIALS REQUIRED SHALL BE OF A GRADE AND QUALITY CONSISTENT WITH THE INTENDED USE AS SPECIFIED & APPROVED BY THE ARCHITECT.
- T. ALL EQUIPMENT OR MATERIALS NOT SHOWN OR SPECIFIED ON THE PLANS OR IN THE SPECIFICATIONS, BUT ARE REQUIRED TO COMPLETE THE INSTALLATION SHALL BE SUPPLIED BY THE CONTRACTOR AS PART OF THE CONTRACT WORK.
- U. FIRE LANES SHALL BE MAINTAINED IN A CONDITION TO ASSURE ACCESS TO ALL BUILDINGS DURING CONSTRUCTION.
- V. SMOKING IS PROHIBITED.

applicable codes

2018 INTERNATIONAL BUILDING CODES W/ LOCAL AMENDMENTS

2018 INTERNATIONAL BUILDING CODE  
2017 NATIONAL ELECTRICAL CODE  
2018 INTERNATIONAL ENERGY CONSERVATION CODE  
2018 INTERNATIONAL EXISTING BUILDING CODE  
2018 INTERNATIONAL FUEL GAS CODE  
2018 INTERNATIONAL MECHANICAL CODE  
2018 INTERNATIONAL PLUMBING CODE  
2018 INTERNATIONAL RESIDENTIAL CODE  
2018 INTERNATIONAL FIRE CODE  
CITY OF TUCSON/PIMA COUNTY OUTDOOR LIGHTING CODE

sheet index

GENERAL  
g1.0 cover sheet  
CIVIL  
c1.0 civil cover sheet  
c1.1 private grading plan  
c1.3 civil details  
LANDSCAPE  
l1.0 hardscape plan construction  
l2.0 landscape plan construction  
l3.0 landscape details construction  
l4.0 irrigation plan construction  
l5.0 irrigation details construction  
l5.1 irrigation details construction  
ARCHITECTURAL SITE PLAN  
x1.0 site plan  
x1.1 site plan - track and field  
Grand total: 12



job  
2404.02

date  
10.25.2024

revisions

WILLCOX MIDDLE & HIGH SCHOOL  
TRACK AND FIELD REPLACEMENT  
240 N. BISBEE AVE.  
WILLCOX, ARIZONA 85643

cover sheet

g1.0



**LOCATION MAP**  
 SE 1/4 SECTION 36,  
 T 13 S, R 24 E  
 G & SRM, COCHISE COUNTY, ARIZONA

revisions

**MIDDLE AND HIGH SCHOOL**  
**CK AND FIELD REPLACEMENT**  
**240 N. BISBEE AVE.**  
**WILLCOX, ARIZONA 85643**

**civil cover sheet**

# C1.0

J-5539

Contact Arizona 811 at least two full working days before you begin excavation


**ARIZONA811**  
THE SAFE WAY TO DIG

Call 811 or click [Arizona811.com](http://Arizona811.com)

**3945 E FORT LOWELL RD #111  
TUCSON, AZ 85712**

SAN DIEGO ORANGE RIVERSIDE SACRAMENTO SAN LUIS OBISPO  
SANTA CLARITA PHOENIX TUCSON LAS VEGAS DENVER

J-5539



01-NOV-2024

11:00



SEE BELOW LEFT  
FOR CONTINUATION



SCALE: 1" = 20'  
CONTOUR INTERVAL = 1'

0' 10' 20' 40'

REMOVE EXIST. WHEELSTOP  
ON EAST PARKING STALL  
STRIPE OUT ISLAND  
REMOVE PORTION OF EXIST.  
FENCE. INSTALL NEW GATE-  
SEE ARCHITECT'S PLANS

SEE ARCHITECT'S PLANS  
FOR GRANDSTAND DESIGN

BISBEE AVENUE

SEE SHEET C1.2 FOR  
STORM DRAIN INFORMATION

NOTE: "FG" GRADES ON TURF  
AREA INDICATE GRADE  
AT TOP OF TURF

#### KEYNOTES

- ① CONCRETE SIDEWALK PER MAG SD 230
- ② SAWCUT AT NEAREST CONTROL JOINT AND CONNECT  
TO EXISTING SIDEWALK WITH EXPANSION JOINT PER  
MAG SD 230. MATCH EXISTING GRADE
- ③ TYPE 2 VERTICAL CURB PER MAG SD 222 REVEAL PER PLAN



520-795-1000  
rickengineering.com

3945 E FORT LOWELL RD #111  
TUCSON, AZ 85712



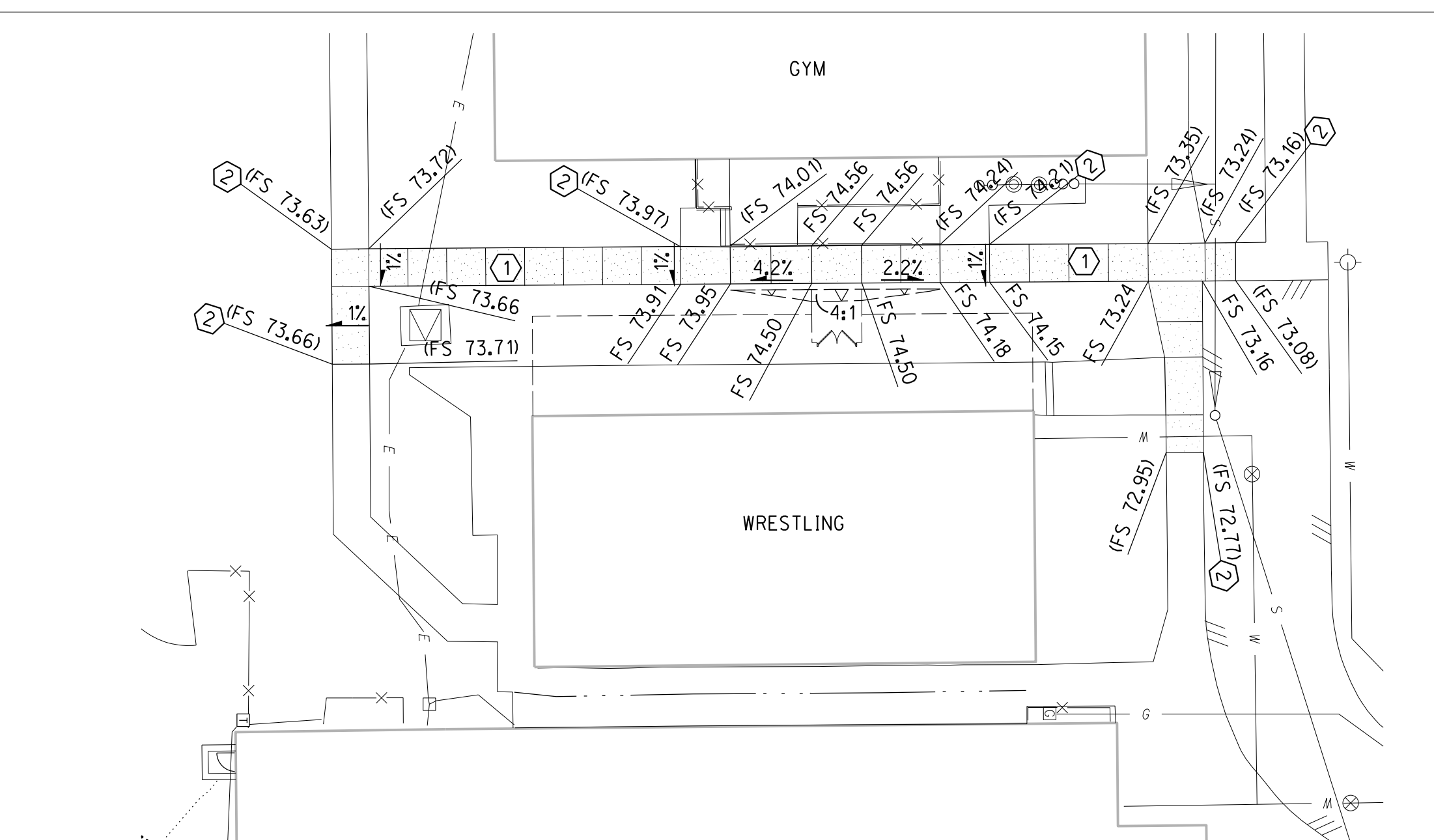
SAN DIEGO ORANGE RIVERSIDE SACRAMENTO SAN LUIS OBISPO  
SANTA CLARITA PHOENIX TUCSON LAS VEGAS DENVER

01-NOV-2024

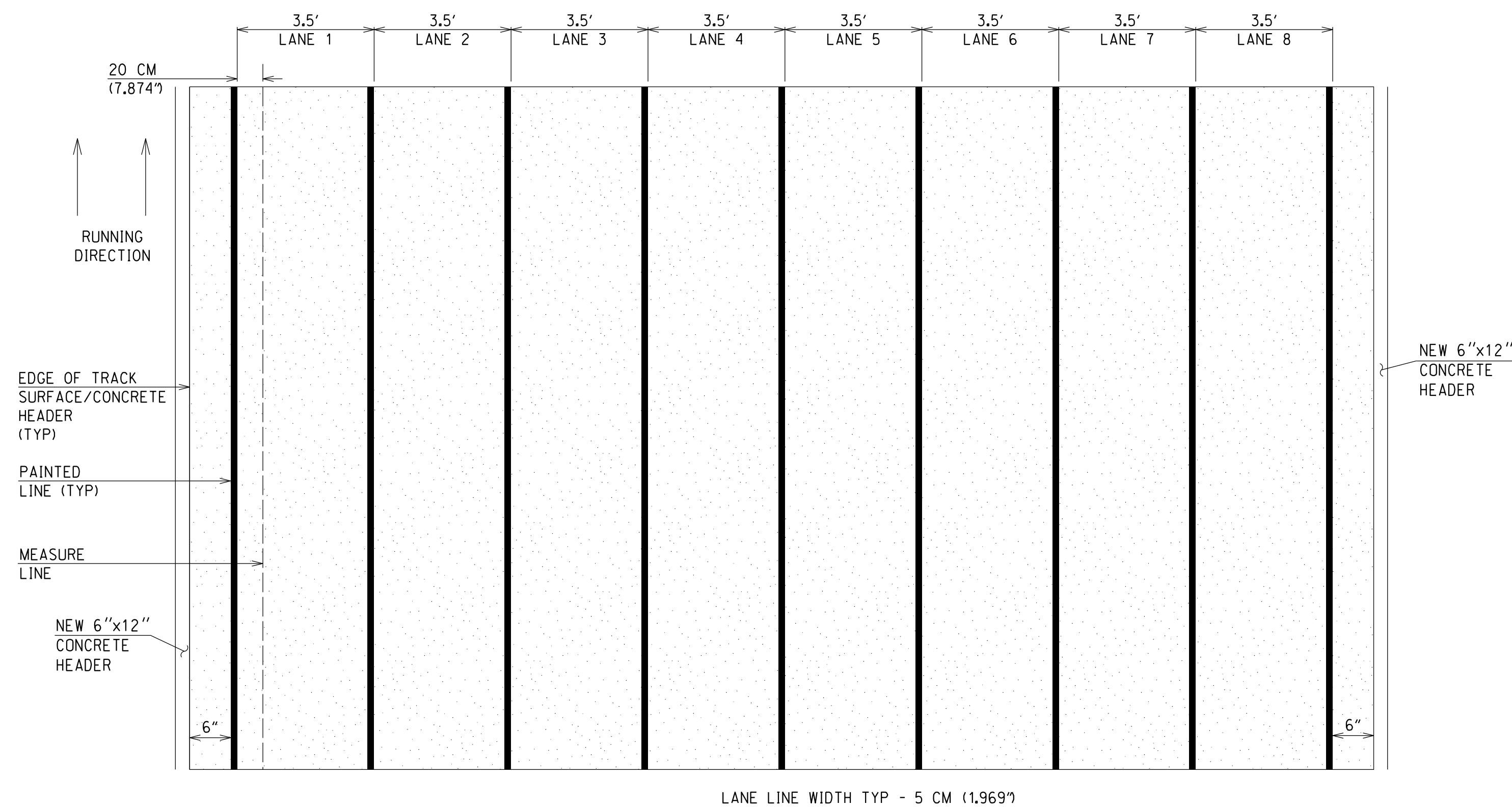
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J-5539

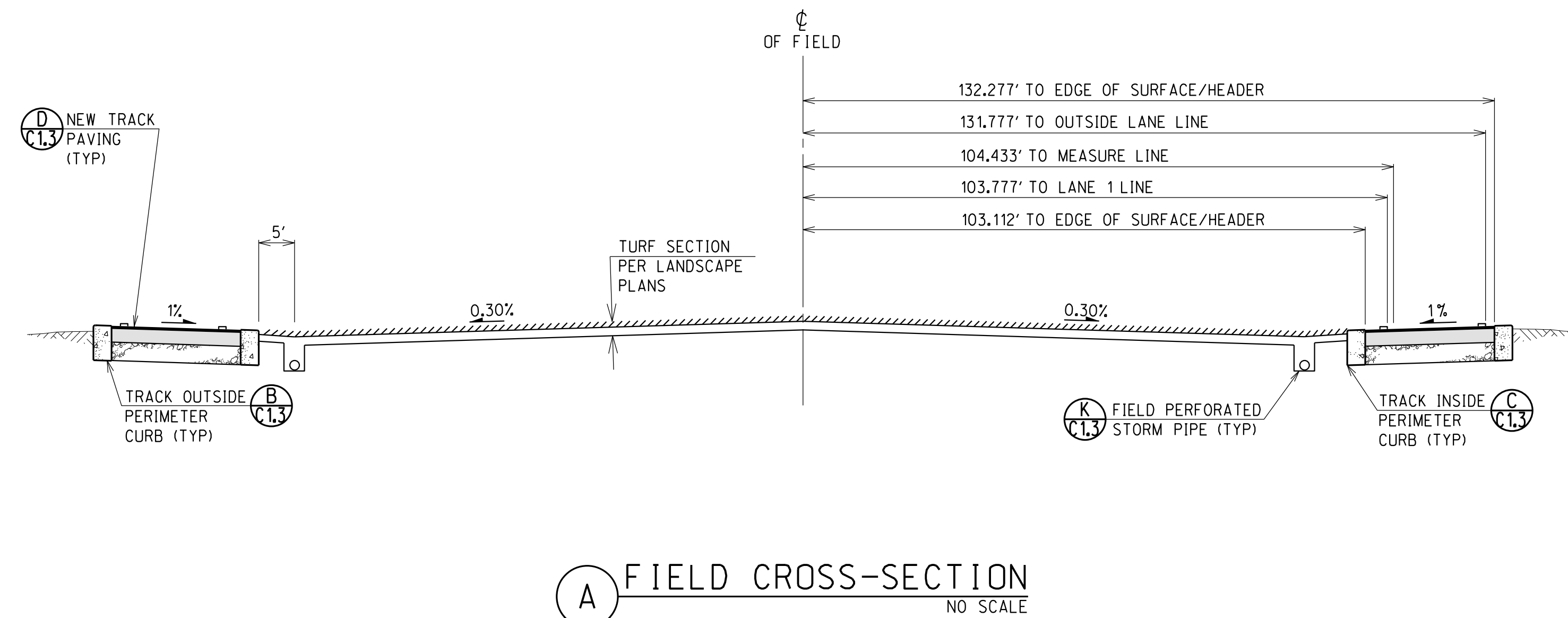
NEW SIDEWALK AT GYM/WRESTLING



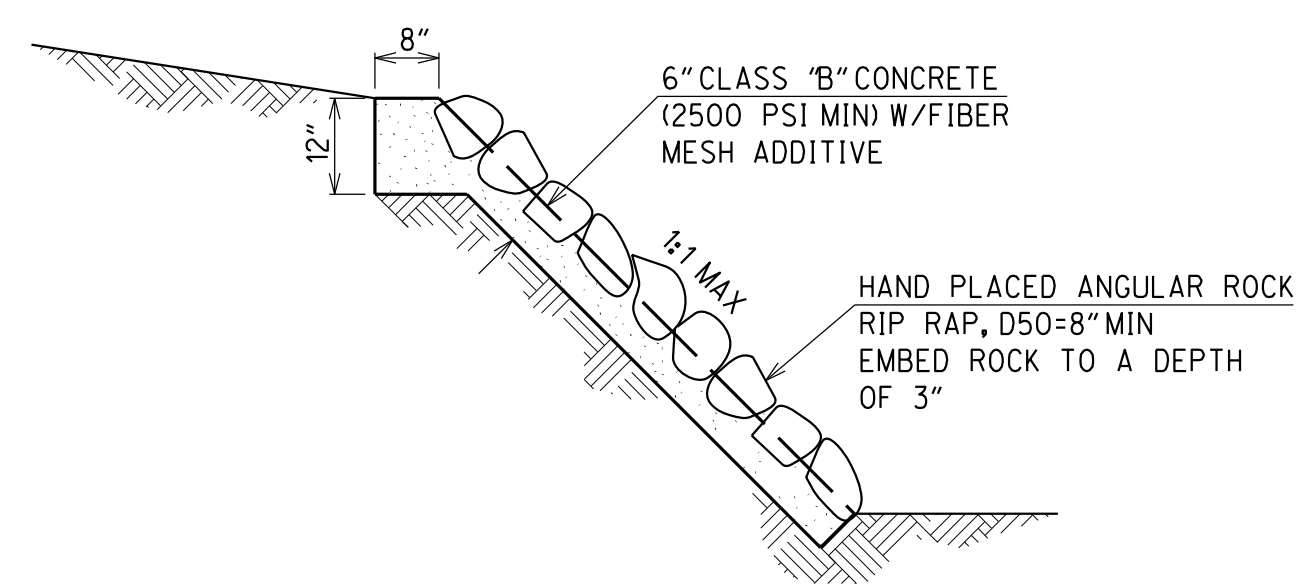




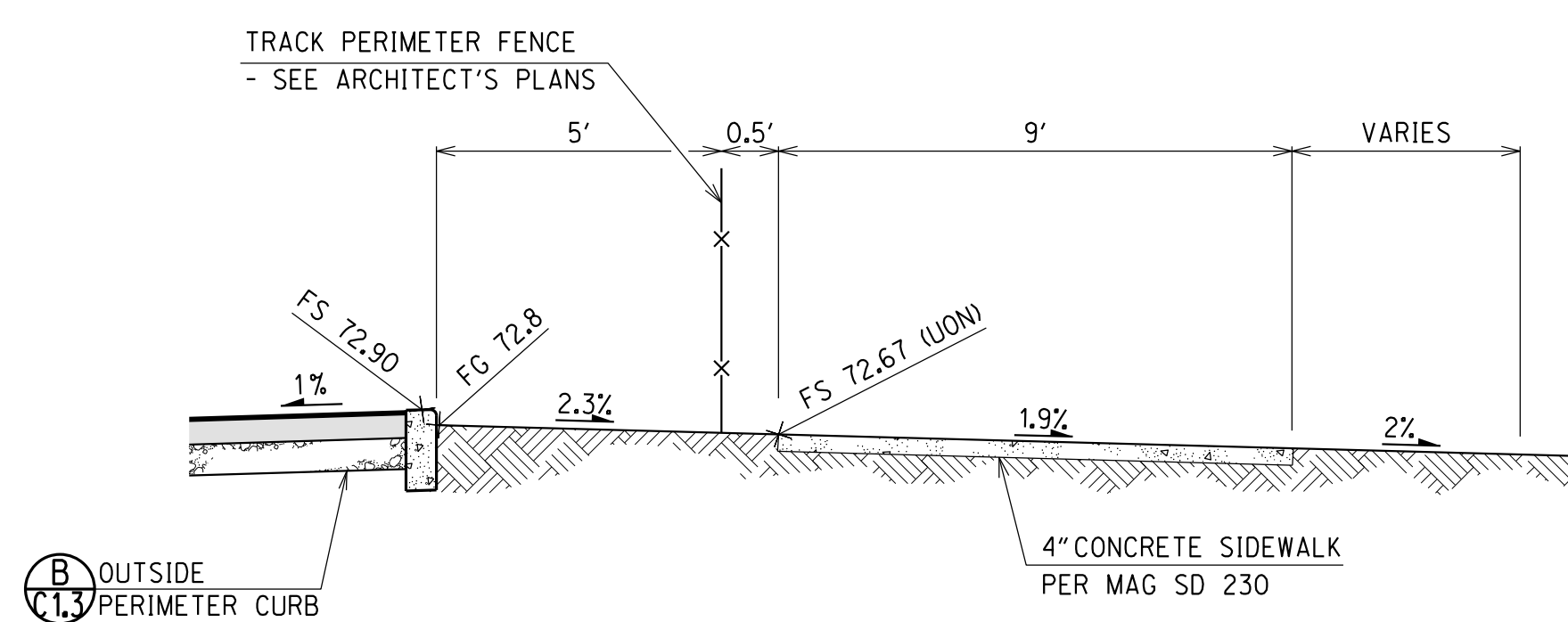
**L** LANE STRIPING DETAIL  
NO SCALE



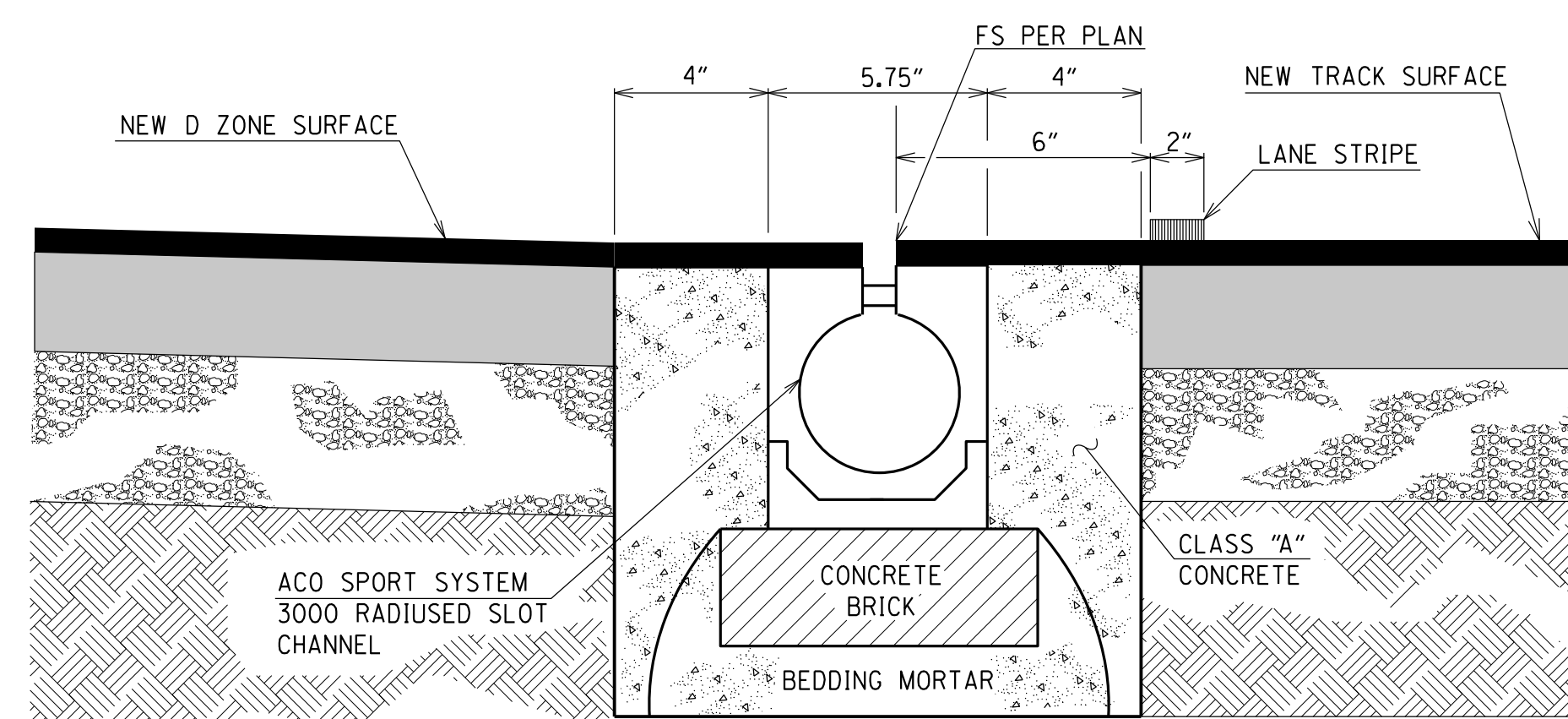
**A** FIELD CROSS-SECTION  
NO SCALE



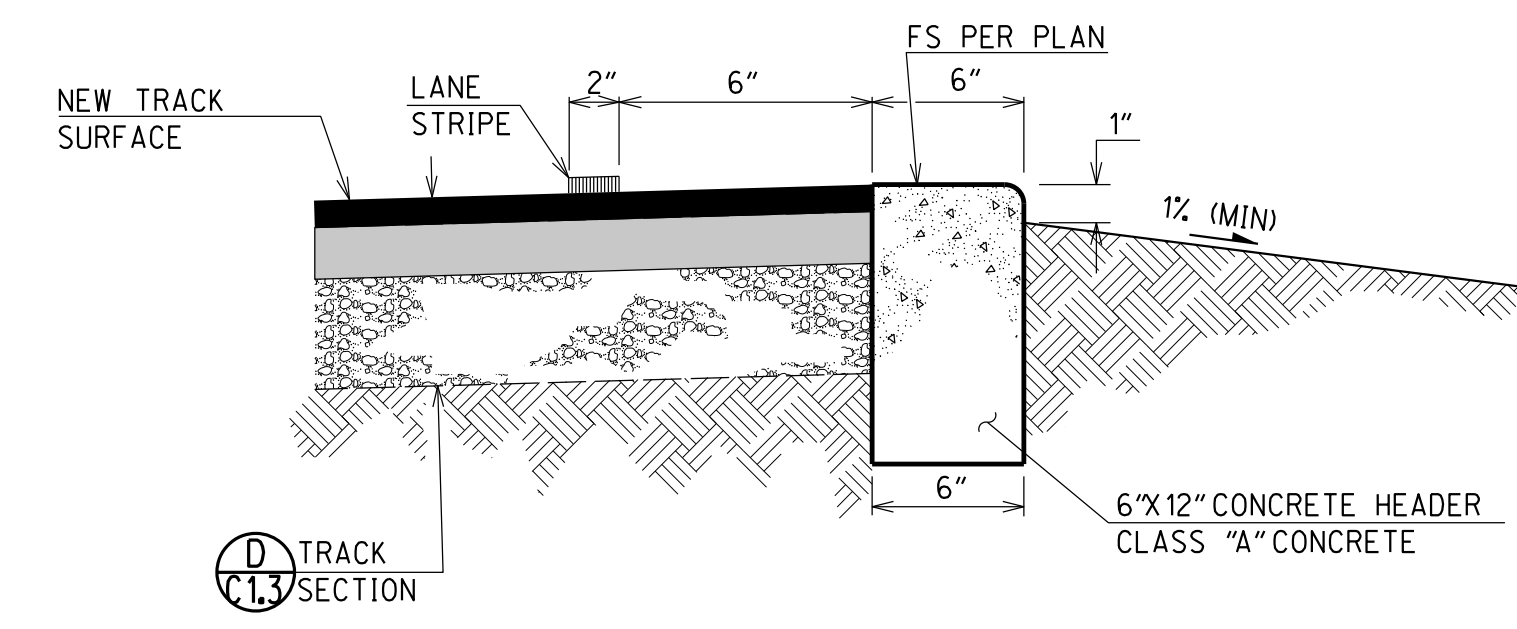
**I** GROUTED RIP RAP SLOPE TREATMENT  
DTL: GRRSLOPES  
NO SCALE



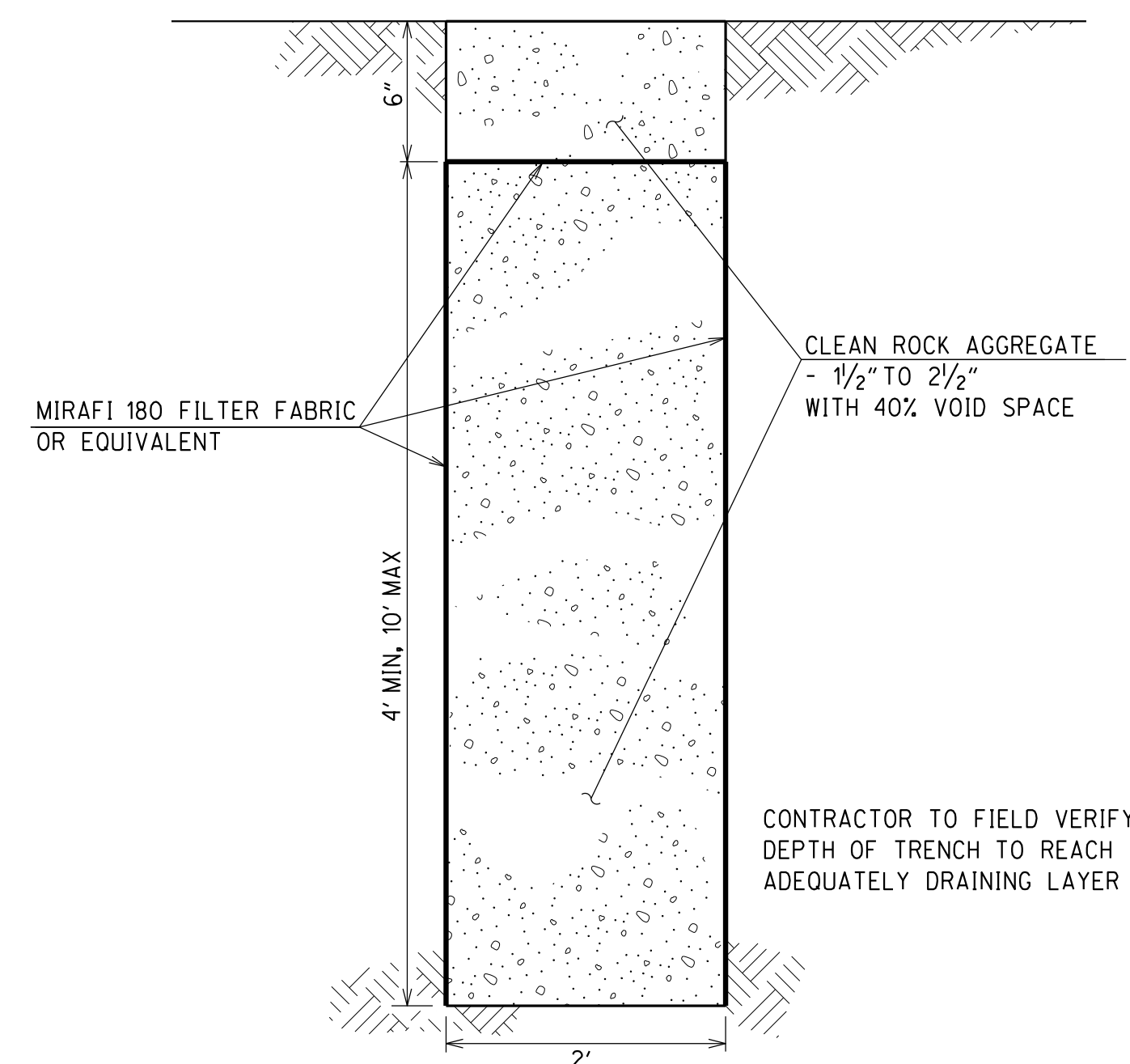
**H** EAST SIDEWALK SECTION  
NO SCALE



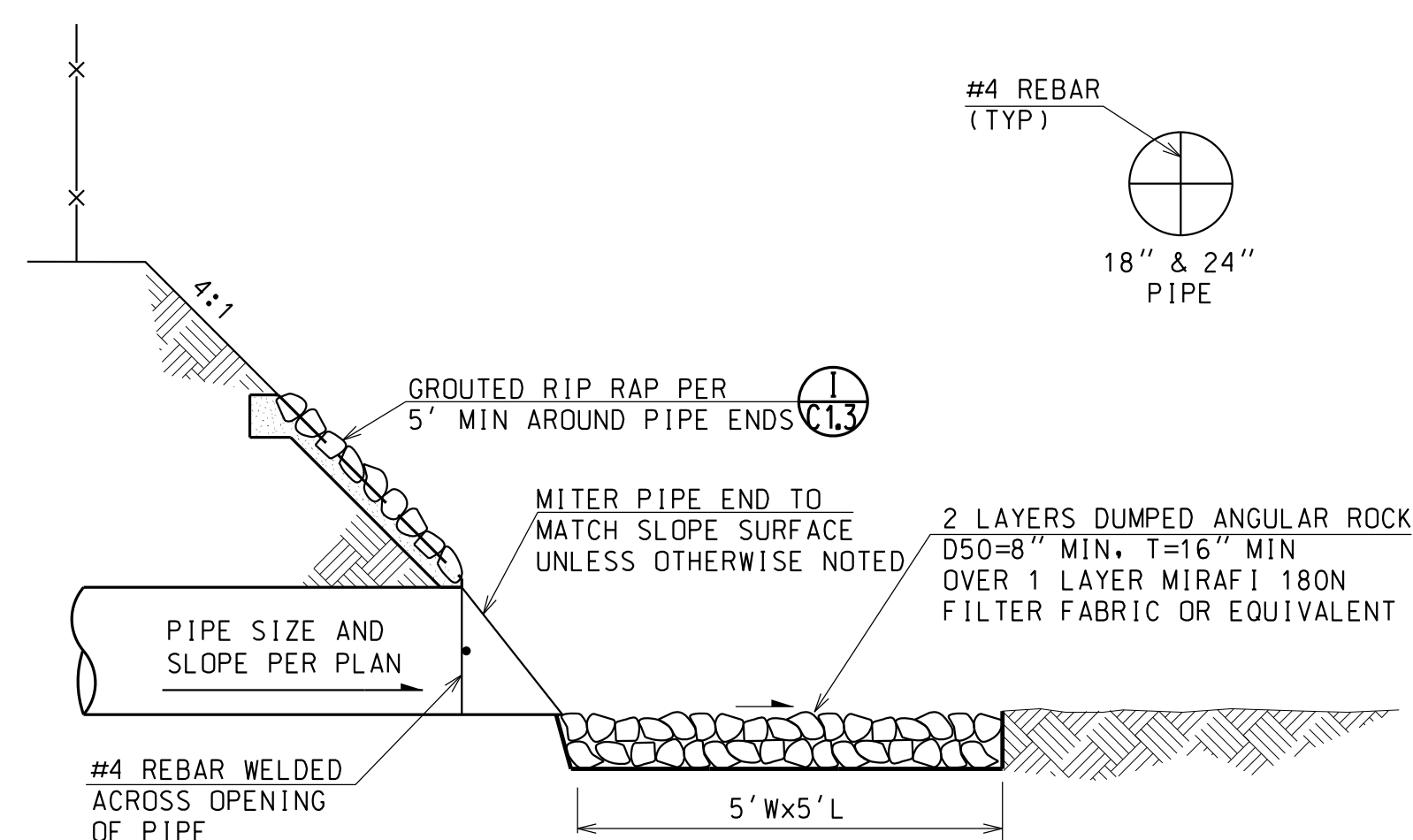
**E** TRENCH DRAIN DETAIL AT SOUTH RADIUS  
NO SCALE



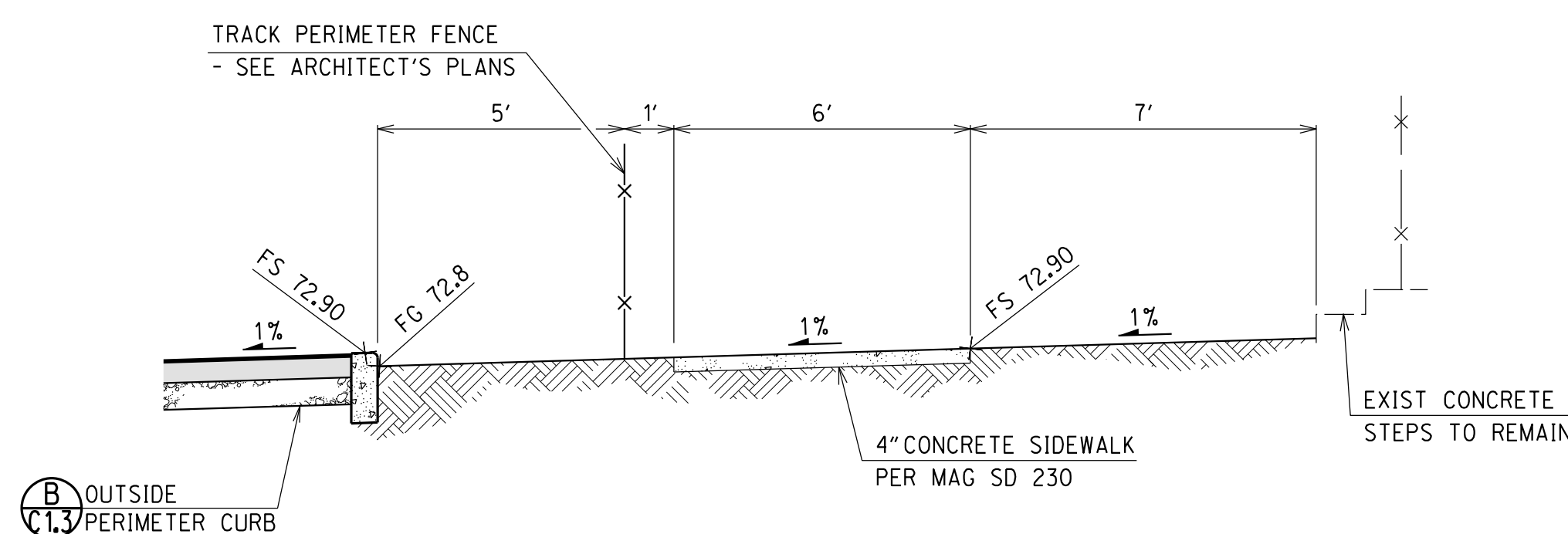
**B** TRACK OUTSIDE PERIMETER CURB  
NO SCALE



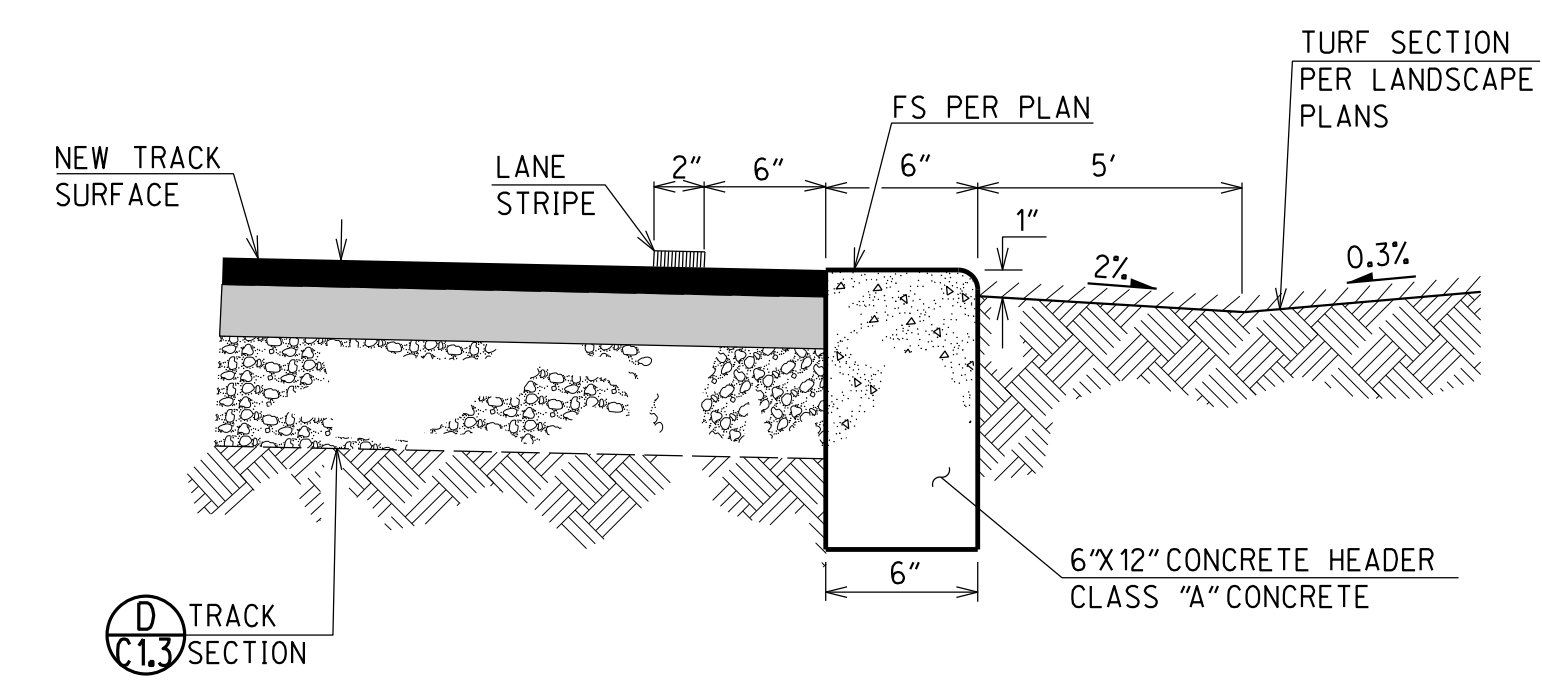
**M** INFILTRATION TRENCH CROSS SECTION  
NO SCALE



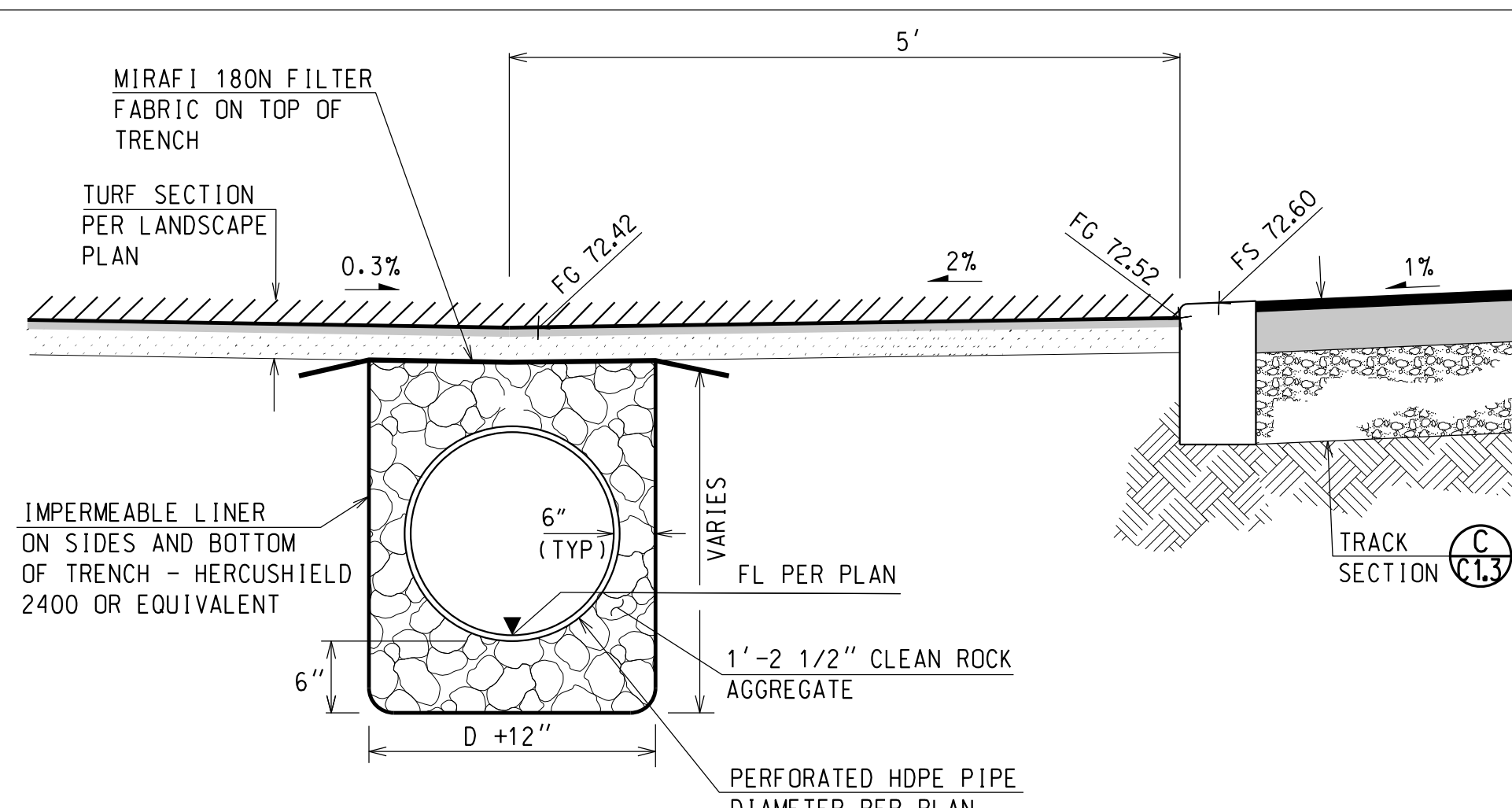
**J** OUTLET PIPE END TREATMENT  
NO SCALE



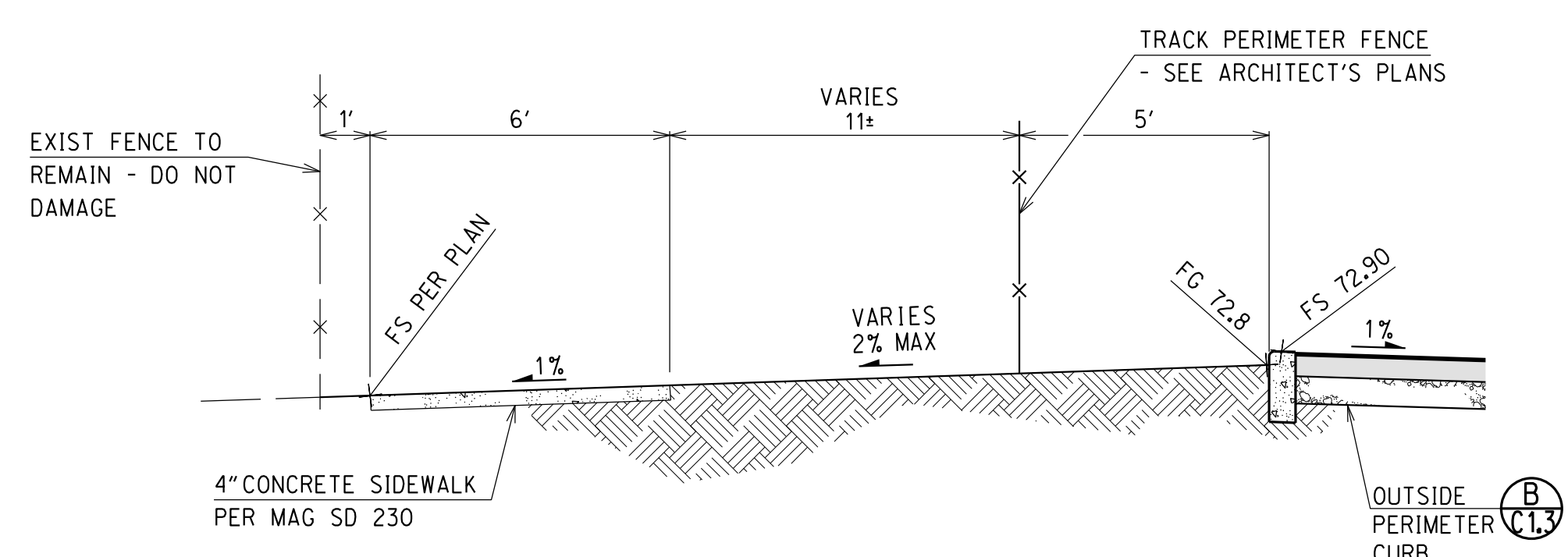
**F** NORTH SIDEWALK SECTION  
NO SCALE



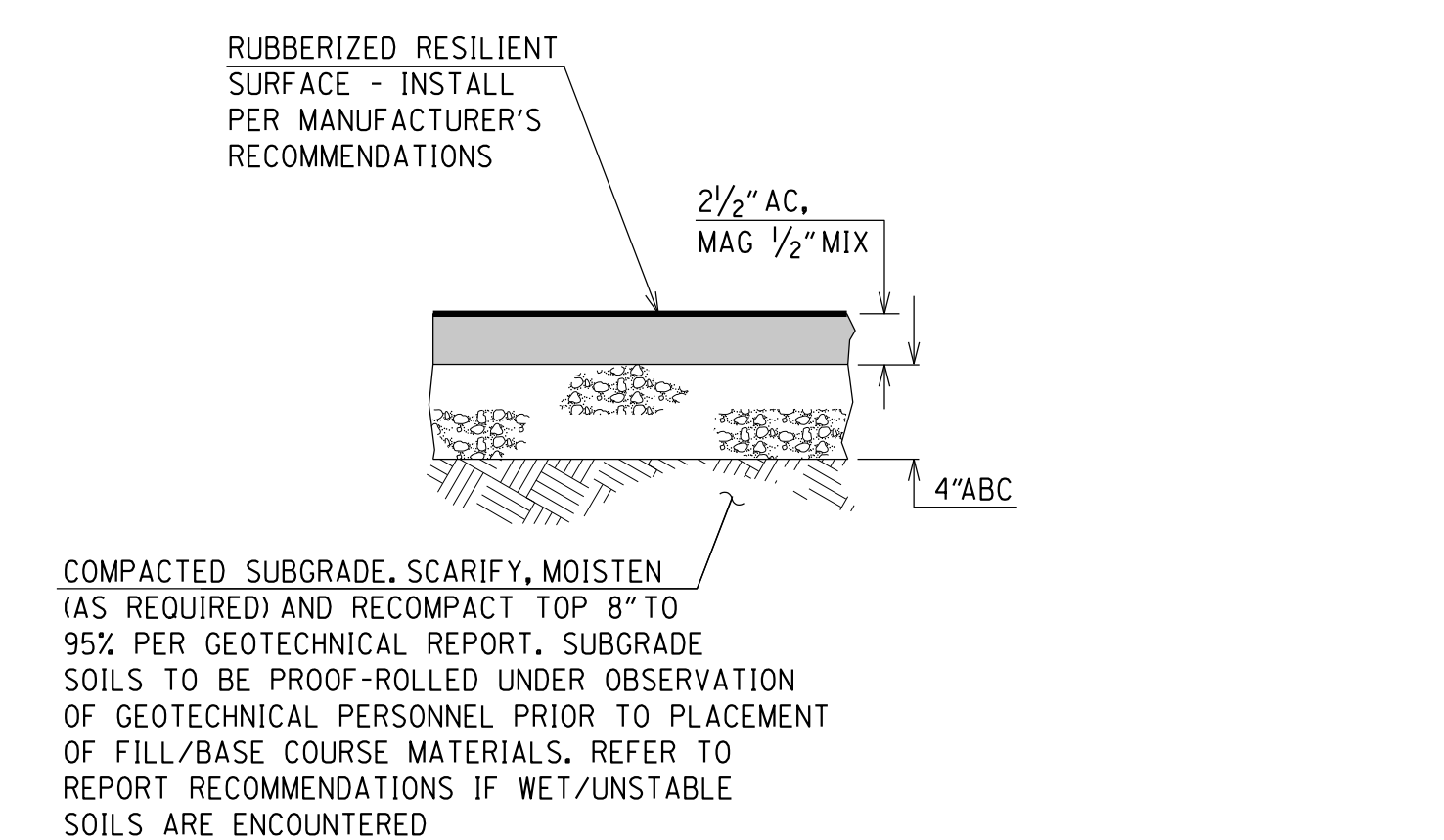
**C** TRACK INSIDE PERIMETER CURB  
NO SCALE



**K** FIELD PERFORATED STORM PIPE DETAIL  
NO SCALE






**G** WEST SIDEWALK SECTION  
NO SCALE



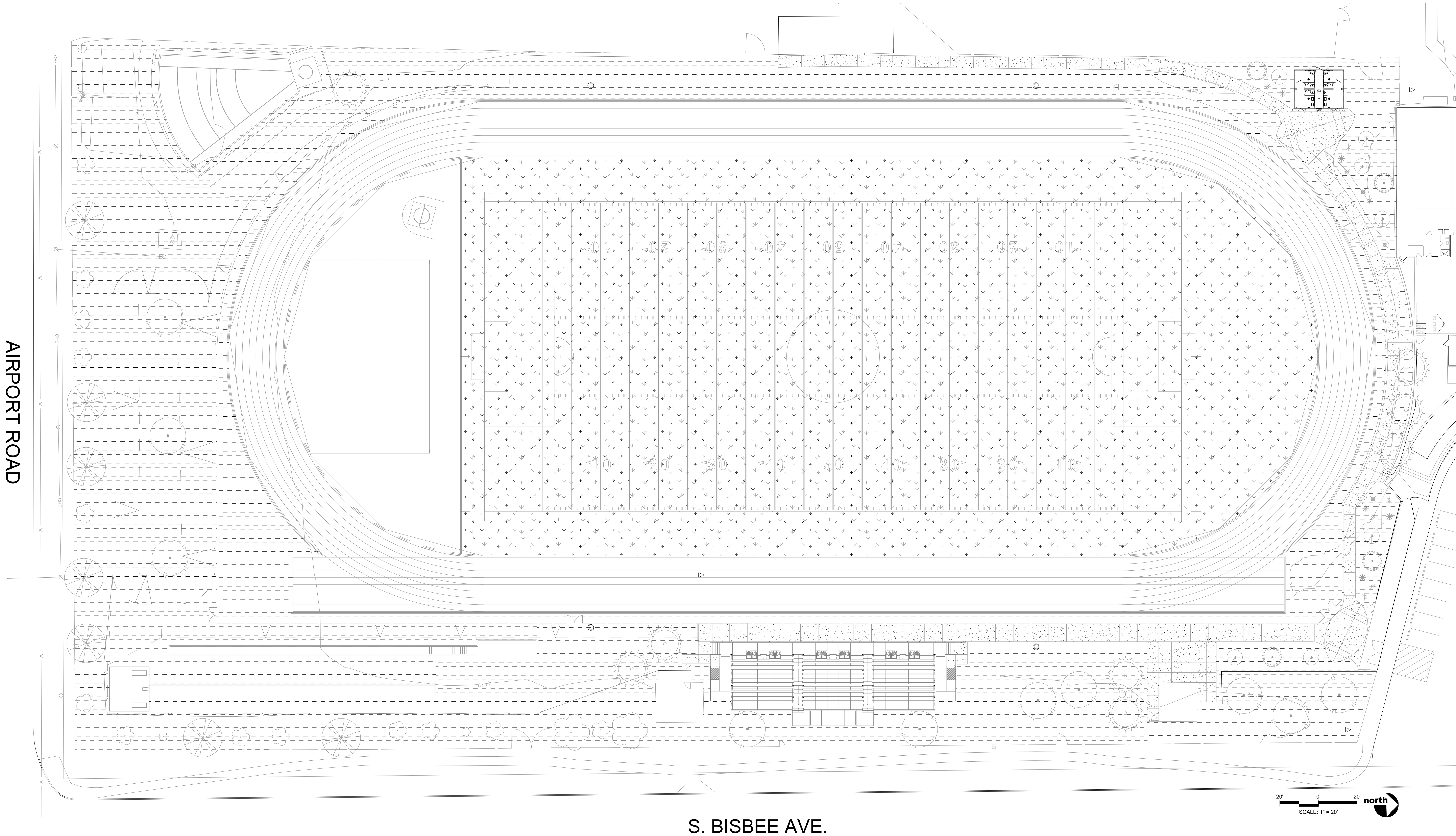
**D** TRACK PAVING SECTION \*  
NO SCALE



HARDSCAPE SCHEDULE

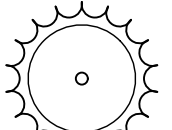
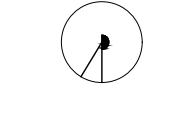
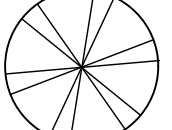

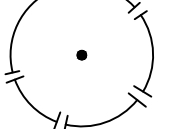
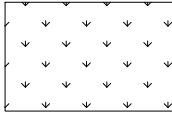
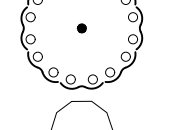
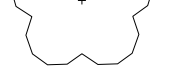
SYMBOL	DESCRIPTION	QTY
	CONCRETE PAVING / SIDEWALK PER CIVIL ENGINEER	8,994 SF
	DECOMPOSED GRANITE 2" DEPTH MIN., COLOR TO MATCH	223,387 SF
	TURF SOD TAHOMA 31" - SEE PLANTING PLAN	86,247 SF

- GENERAL NOTES:
- EXISTING IRRIGATION VALVES LOCATED IN THIS SCOPE OF WORK THAT FEED NEIGHBORING FIELD(S) TO THE WEST SHALL BE SALVAGED AND RELOCATED AWAY FROM NEW CONSTRUCTION AREAS. CONTRACTOR SHALL BE RESPONSIBLE FOR RELOCATING APPLICABLE VALVES AS NEEDED AND SHALL PROVIDE CLEAN, EVEN TRANSITION TO PRESERVE CONTINUITY OF SYSTEM TO ADJACENT AREAS. CONTRACTOR SHALL VERIFY INTEGRITY AND OPERATION OF EXISTING SYSTEM BEFORE AND AFTER CONSTRUCTION AND RELOCATION TO ENSURE PROPER PERFORMANCE OF SYSTEM.

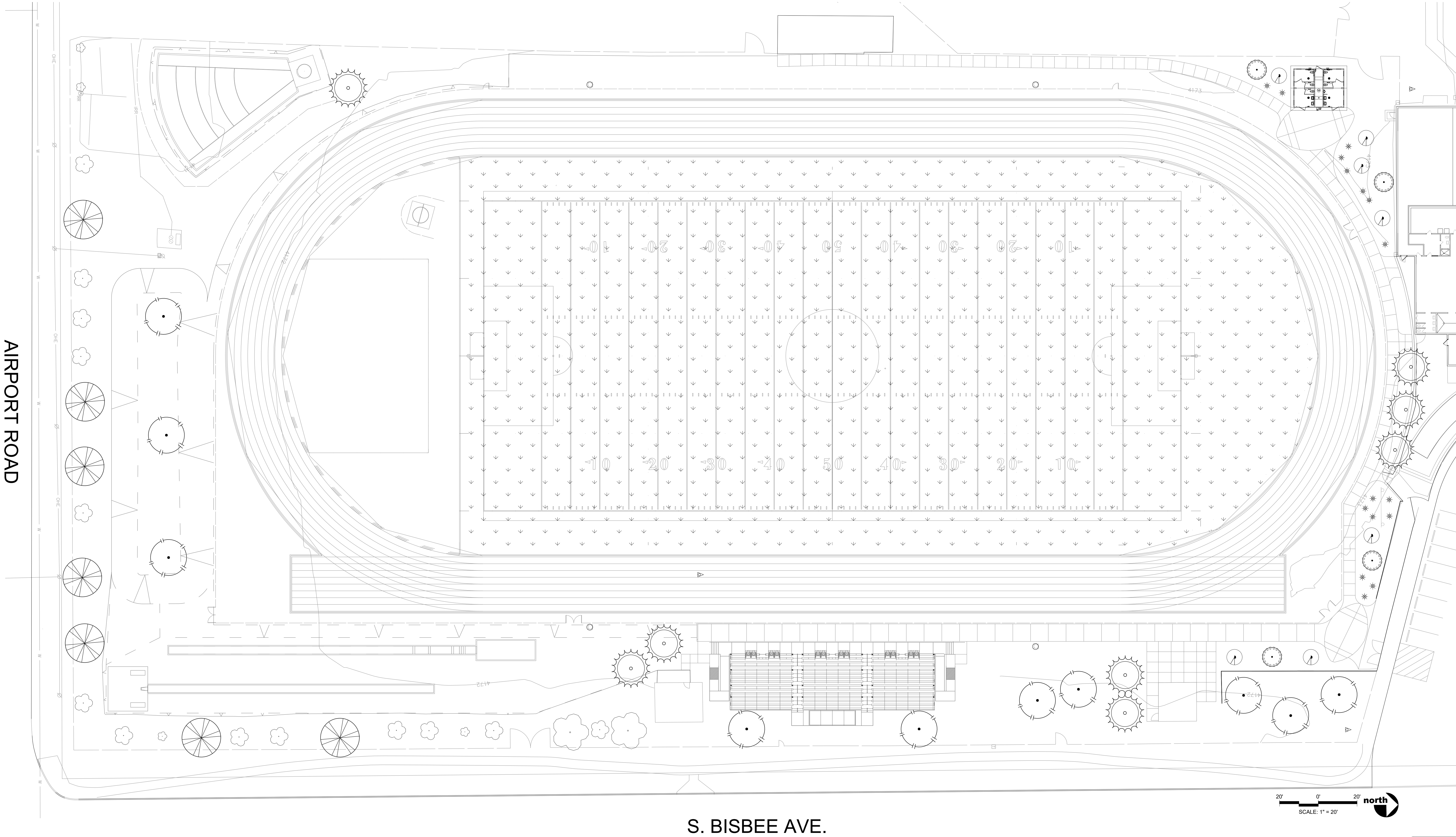




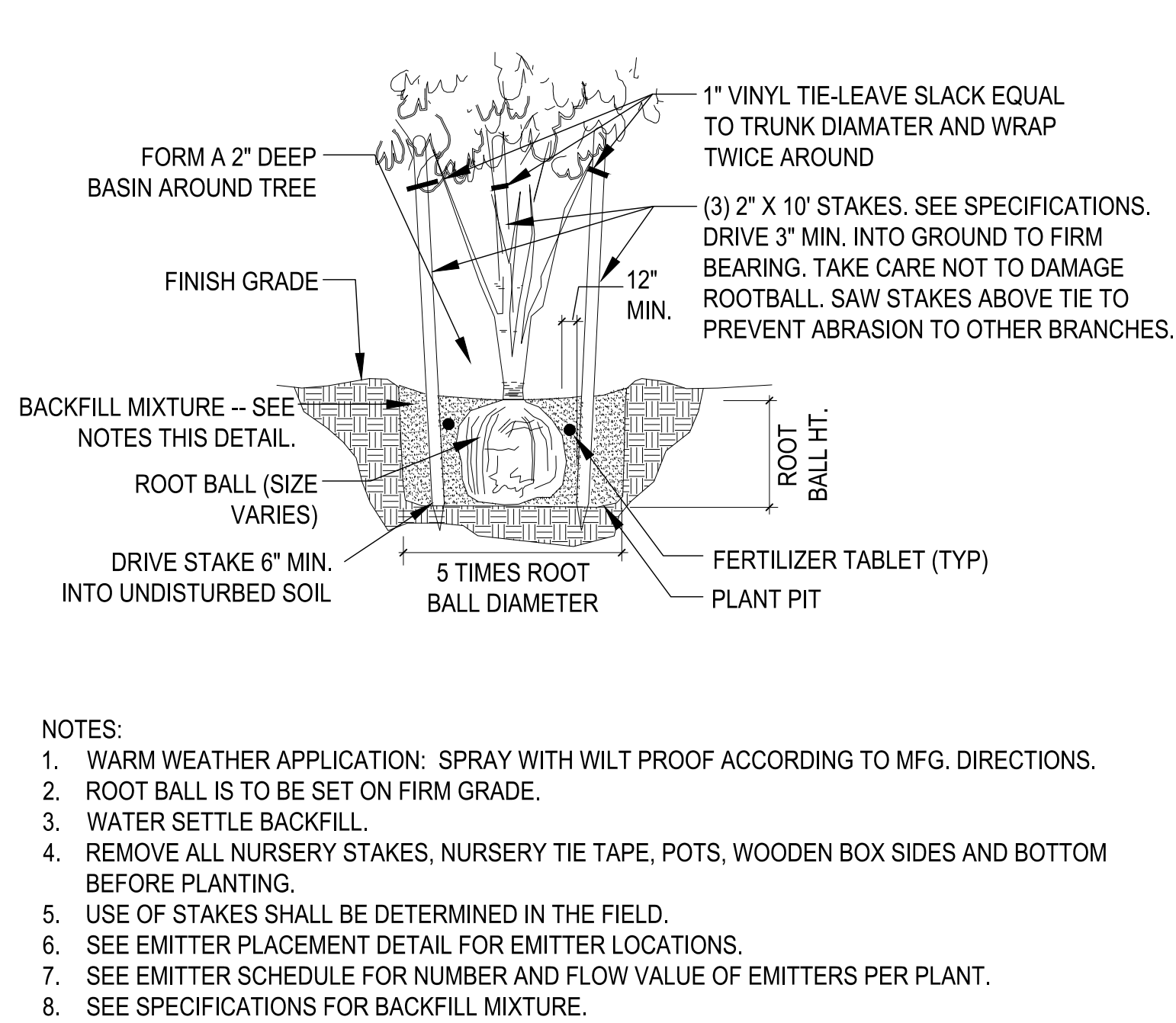
PLANT SCHEDULE

SYMBOL	QTY	BOTANICAL / COMMON NAME	SIZE	SYMBOL	QTY	BOTANICAL / COMMON NAME	SIZE
TREES							
	8	CHILOPSIS LINEARIS DESERT WILLOW	24"BOX		7	CAESALPINIA PULCHERRIMA RED BIRD OF PARADISE	5 GAL.
	7	PINUS PONDEROSA PONDEROSA PINE	24"BOX		16	HESPERALOE PARVIFLORA RED YUCCA	5 GAL.
	10	POPULUS ANGUSTIFOLIA NARROWLEAF COTTONWOOD	24"BOX		86,237 SF	"TAHOMA 31" BERMUDAGRASS SOD DROUGHT TOLERANT & COLD HARDY BY: WEST COAST TURF	SOD
	4	SOPHORA SECUNDIFLORA TEXAS MOUNTAIN LAUREL	15 GAL.				
	19	EXISTING TREE TO REMAIN PROTECT IN PLACE					

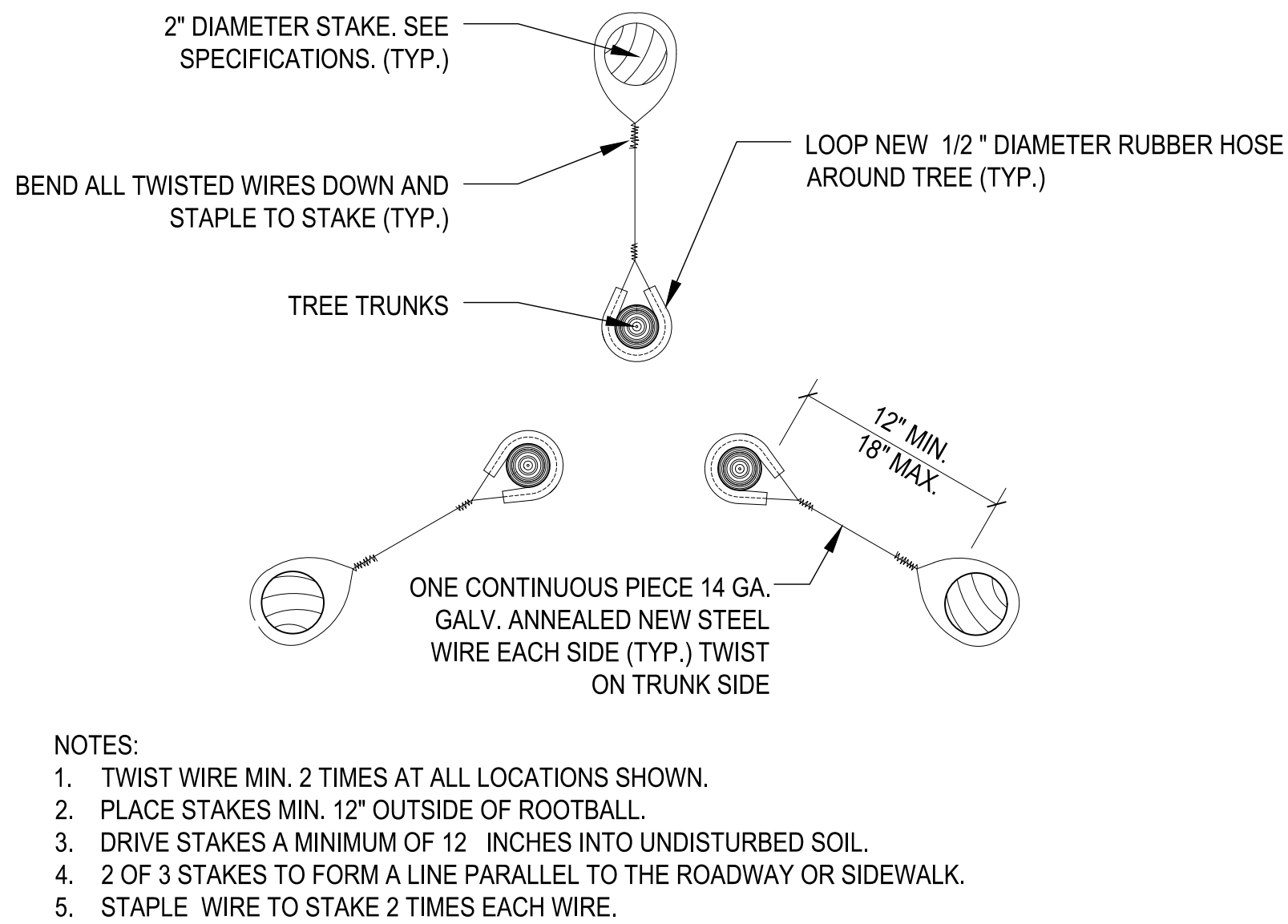
- GENERAL NOTES:
- EXISTING IRRIGATION VALVES LOCATED IN THIS SCOPE OF WORK THAT FEED NEIGHBORING FIELD(S) TO THE WEST SHALL BE SALVAGED AND RELOCATED AWAY FROM NEW CONSTRUCTION AREAS. CONTRACTOR SHALL BE RESPONSIBLE FOR RELOCATING APPLICABLE VALVES AS NEEDED AND SHALL PROVIDE CLEAN, EVEN TRANSITION TO PRESERVE CONTINUITY OF SYSTEM TO ADJACENT AREAS. CONTRACTOR SHALL VERIFY INTEGRITY AND OPERATION OF EXISTING SYSTEM BEFORE AND AFTER CONSTRUCTION AND RELOCATION TO ENSURE PROPER PERFORMANCE OF SYSTEM.



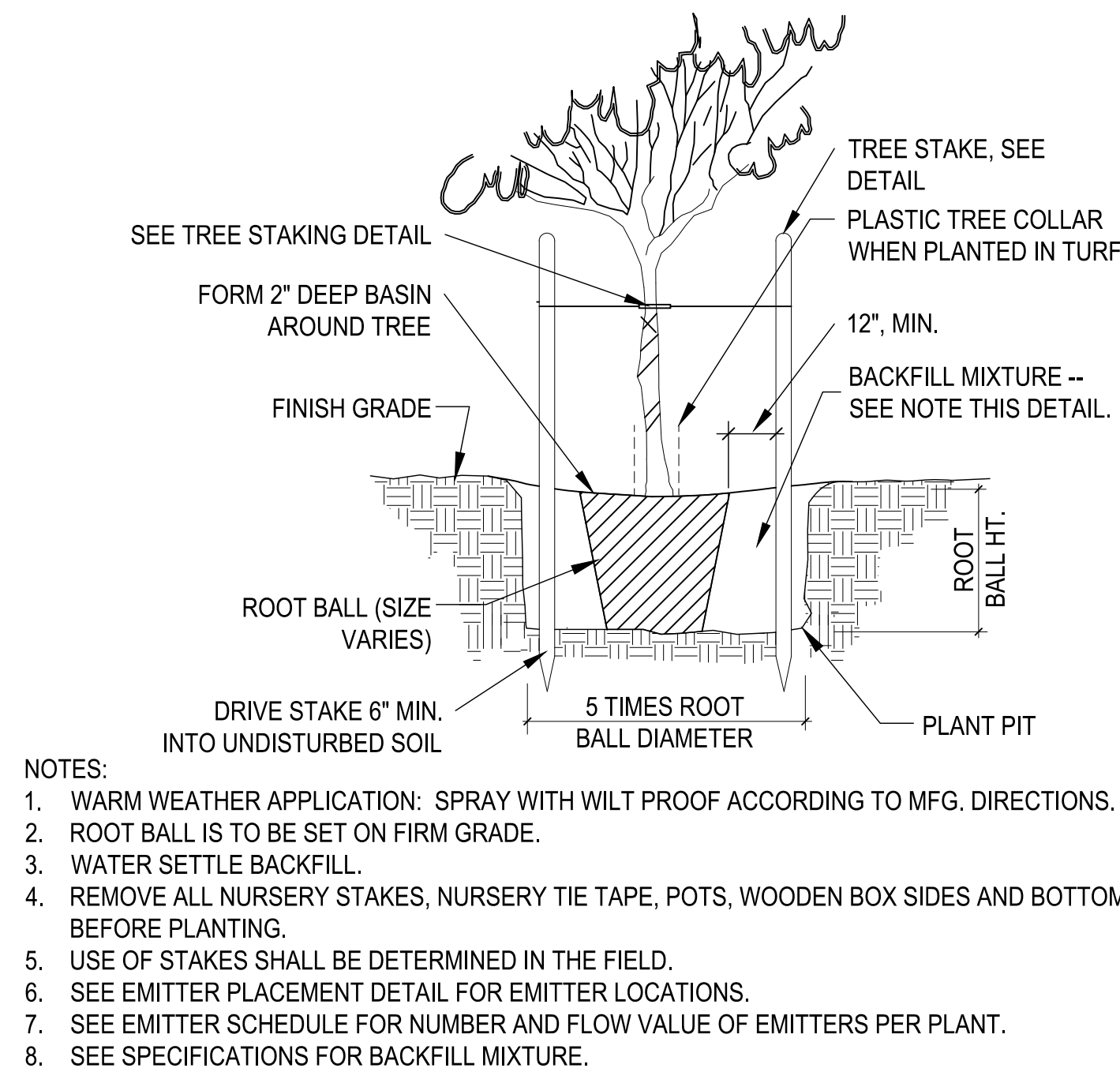




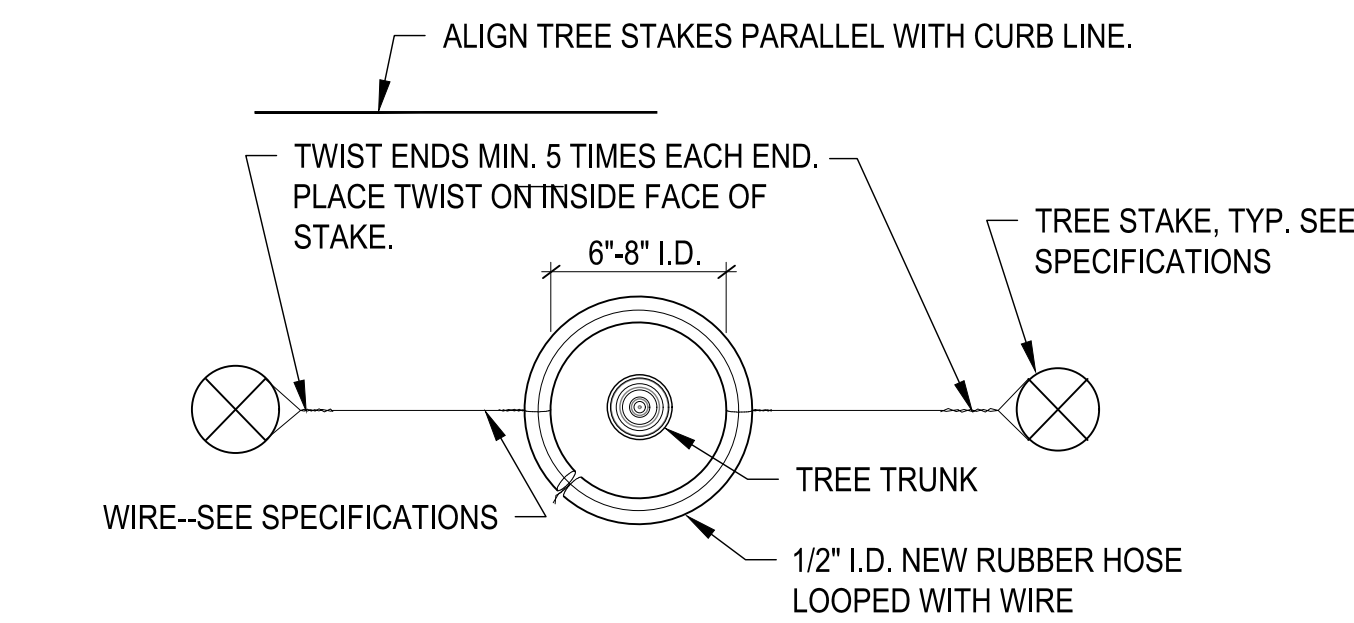
**1 MULTI-TRUNK TREE PLANTING**  
SCALE: N.T.S.



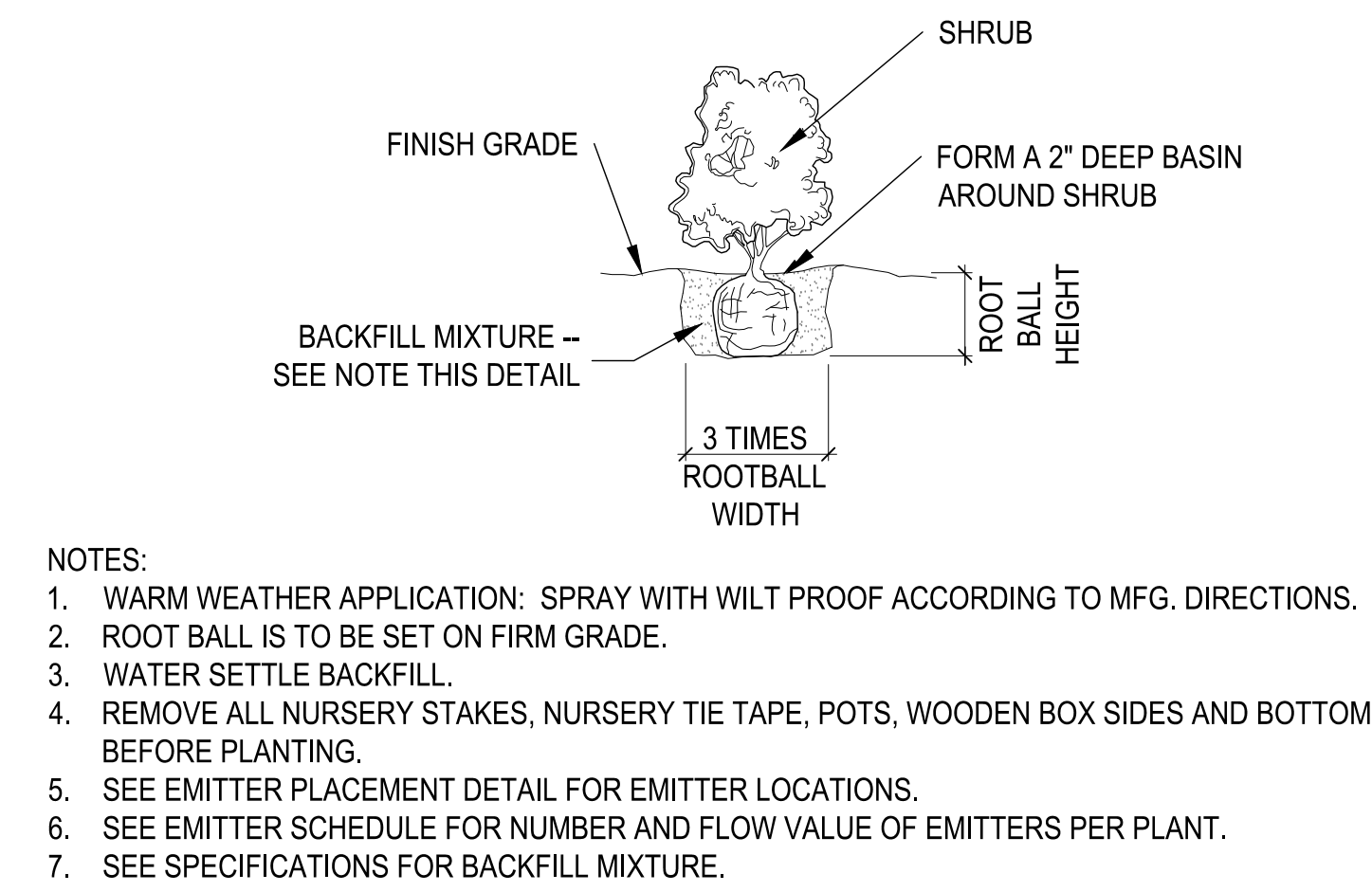
**2 MULTI-TRUNK TREE STAKING**  
SCALE: N.T.S.



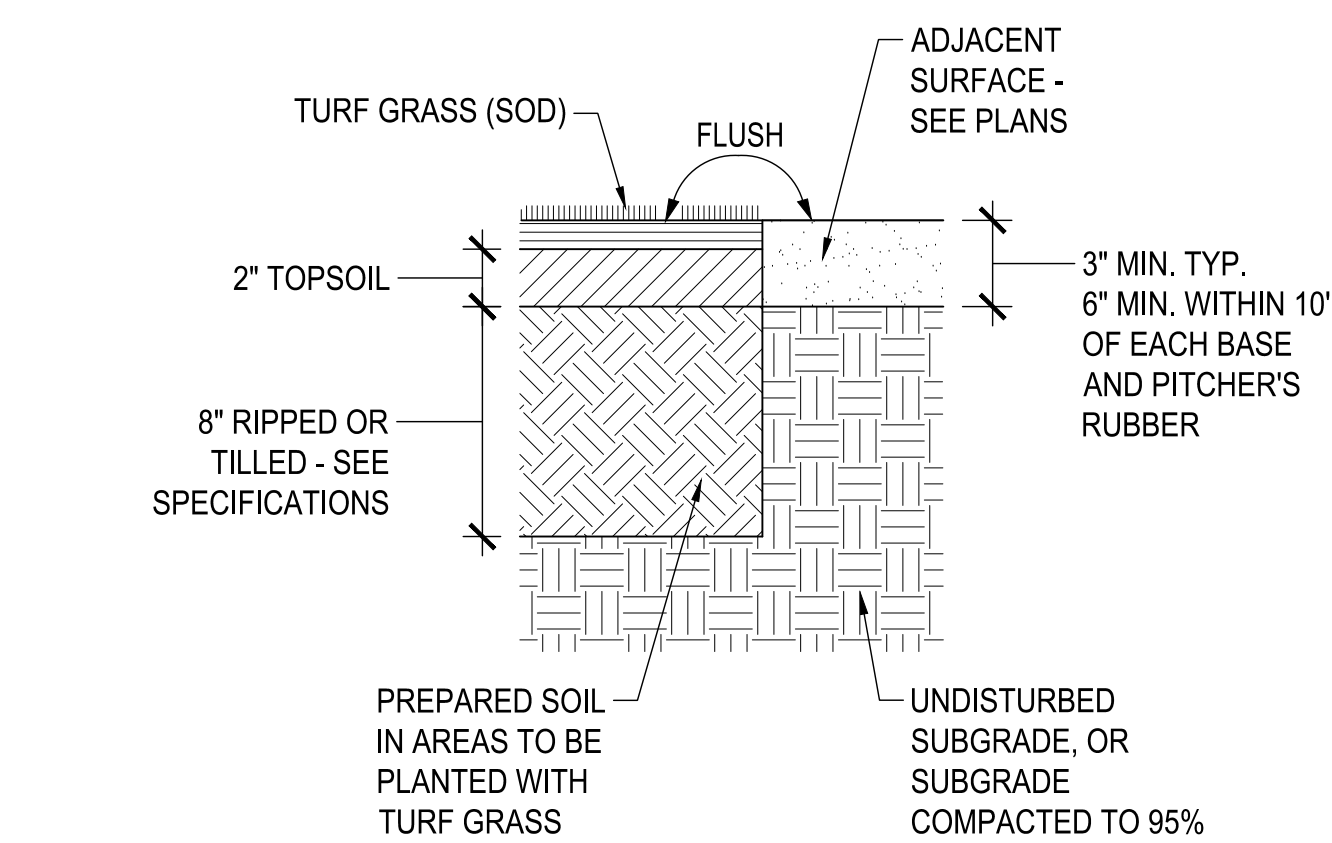
**3 SINGLE TRUNK TREE PLANTING**  
SCALE: N.T.S.



**4 TREE STAKING-STANDARD**  
SCALE: N.T.S.



**5 SHRUB PLANTING**  
SCALE: N.T.S.



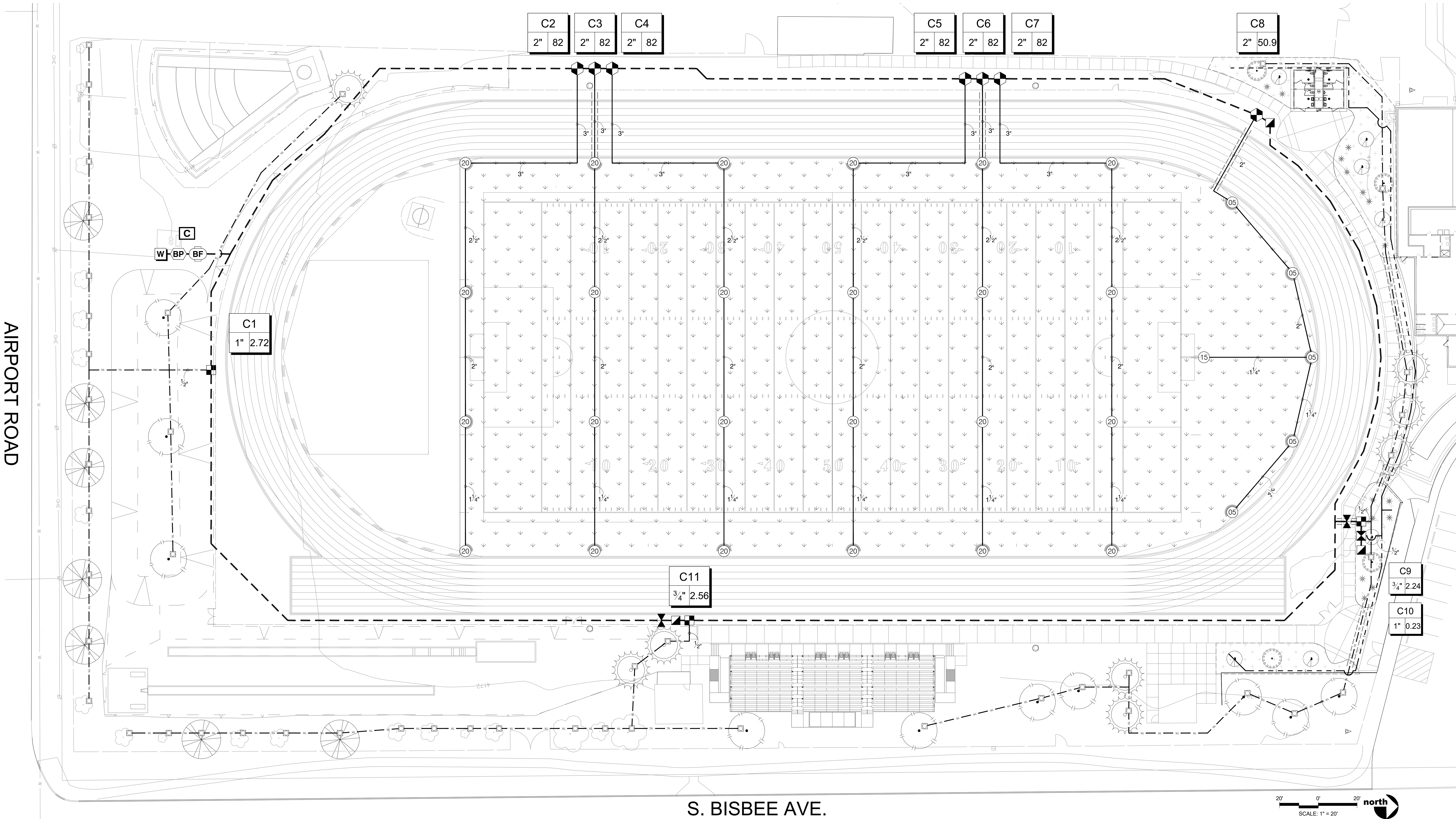
**6 TURF GRASS**  
SCALE: N.T.S.



IRRIGATION SCHEDULE

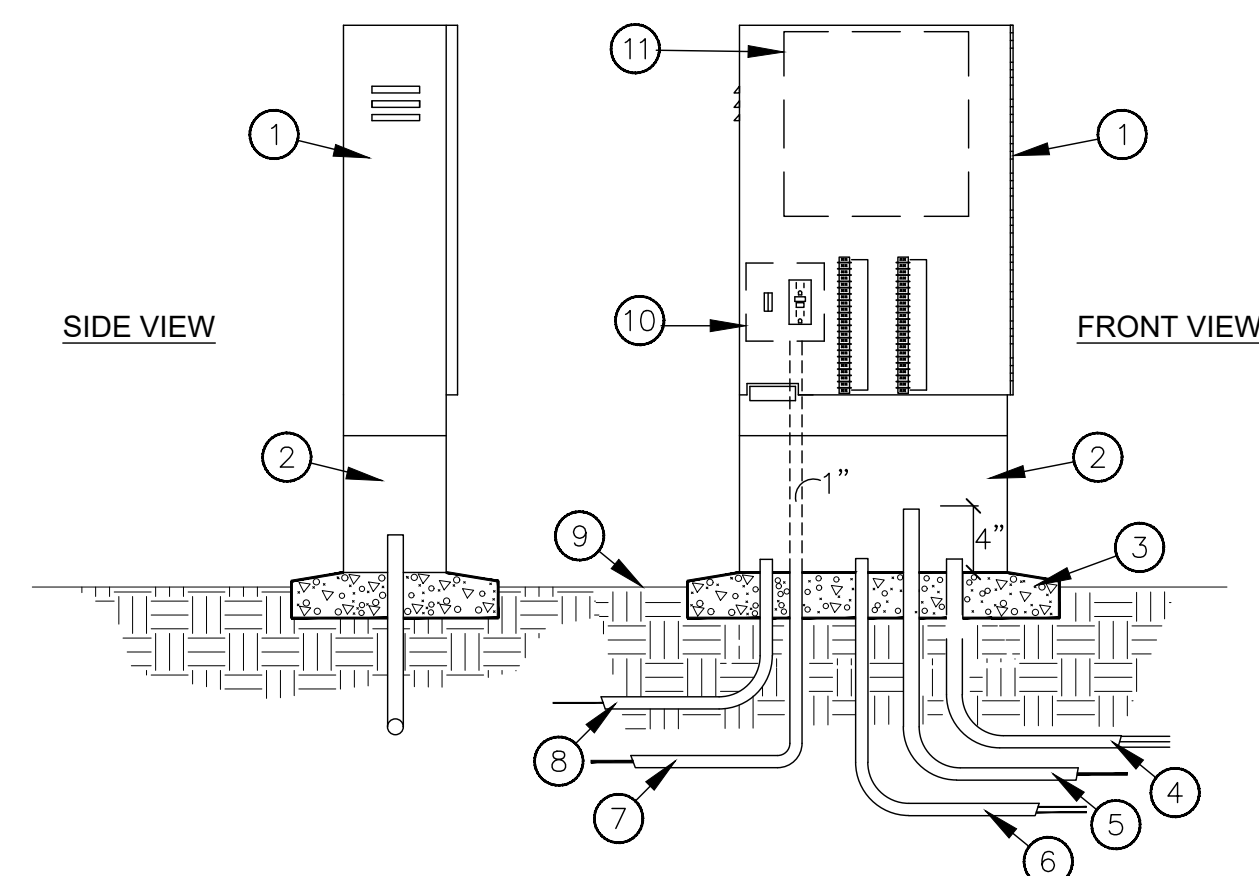
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI	GPM	SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY
(05)	K-RAIN 14003-SS 05 TURF ROTOR WITH TRIPLE NOZZLE CONFIGURATION, 4.0IN. POP-UP. STAINLESS STEEL WITH FACTORY INSTALLED CHECK VALVE. ADJUSTABLE AND FULL CIRCLE. RADIUS FROM 45FT. TO 77FT. STANDARD NOZZLE.	5	70	7.1	☒	RAIN BIRD XCZ-075-PRF - SHRUB VALVE 3/4" LOW FLOW DRIP CONTROL KIT, 3/4IN. LOW FLOW VALVE, 3/4IN. PRESSURE REGULATING RBY FILTER, AND 30PSI PRESSURE REGULATOR. 0.2GPM-5GPM.	1	☒	K-RAIN 7201 2" 2IN. ELECTRIC REMOTE CONTROL VALVE, FEMALE THREADED. WITH FLOW CONTROL. DESIGNED FOR COMMERCIAL APPLICATIONS.	7	---	TREE IRRIGATION LATERAL LINE: PVC SCHEDULE 40, SIZE PER PLAN	
(15)	K-RAIN 14003-SS 15 TURF ROTOR WITH TRIPLE NOZZLE CONFIGURATION, 4.0IN. POP-UP. STAINLESS STEEL WITH FACTORY INSTALLED CHECK VALVE. ADJUSTABLE AND FULL CIRCLE. RADIUS FROM 45FT. TO 77FT. STANDARD NOZZLE.	1	70	15.4	☒	RAIN BIRD XCZ-075-PRF - TREE VALVE 3/4" LOW FLOW DRIP CONTROL KIT, 3/4IN. LOW FLOW VALVE, 3/4IN. PRESSURE REGULATING RBY FILTER, AND 30PSI PRESSURE REGULATOR. 0.2GPM-5GPM.	3	---	RAIN BIRD 33-DLRC 3/4" QUICK-COUPLING VALVE BRASS WITH CORROSION-RESISTANT STAINLESS STEEL SPRING, LOCKING RUBBER COVER, DOUBLE TRACK KEY LUG, AND 2-PIECE BODY.	3	---	SHRUB IRRIGATION LATERAL LINE: PVC SCHEDULE 40, SIZE PER PLAN	
(20)	K-RAIN 14003-SS 20 TURF ROTOR WITH TRIPLE NOZZLE CONFIGURATION, 4.0IN. POP-UP. STAINLESS STEEL WITH FACTORY INSTALLED CHECK VALVE. ADJUSTABLE AND FULL CIRCLE. RADIUS FROM 45FT. TO 77FT. STANDARD NOZZLE.	24	70	20.5	☒ ☒ ☒ 0.6 1.0 2.0	BOWSMITH ML200 SERIES ML206 0.6GPH MULTI OUTLETT EMITTER, SIX OPEN OUTLETS, 1/2" FPT INLET, 0.6-2.0 GPH FLOWS. (1 SL200 ASSIGNED TO EACH TREE)	47	---	FEBCO 825Y 1-1/2" REDUCED PRESSURE BACKFLOW PREVENTER	1	---	TURF IRRIGATION LATERAL LINE: PVC SCHEDULE 40, SIZE PER PLAN	
					☒	AREA TO RECEIVE DRIP EMITTERS BOWSMITH SL200 SERIES SINGLE OUTLET EMITTER, 1/2" FPT WITH BARBED ELBOW OUTLET. SL206 0.6 GPH EMITTERS (1 SL206 ASSIGNED TO EACH 5 GAL. PLANT)	5,045 S.F.	---	RAIN BIRD ESPLXME2-LXMM-LXMMPED 12 STATION, TRADITIONALLY-WIRED, COMMERCIAL CONTROLLER. INDOOR/OUTDOOR, PLASTIC WALL-MOUNT ENCLOSURE. INSTALL IN LXMM-LXMMPED POWDER COATED, METAL WALL-MOUNTED CABINET. W/ PEDESTAL, WI-FI READY WITH OPTIONAL LINK-2-WIFI MODULE.	1	---	IRRIGATION MAINLINE: PVC SCHEDULE 40, SIZE PER PLAN	
								---	RAIN BIRD CLP03CAC5 3 HP SUCTION BOOST MODEL, PER MANUFACTURER'S SPECS	1	---	PIPE SLEEVE: PVC CLASS 200 SDR 21, SLEEVE DIA. = DOUBLE IRRIGATION LINE DIA.	
								---	WATER SOURCE (WELL) - 50 PSI MIN (F.V.)	1	---		

- IRRIGATION PLAN GENERAL NOTES:
- IRRIGATION SYSTEM AND BOOSTER PUMP DESIGNED BASED ON AN ASSUMED MINIMUM WELL PRESSURE OF 50 PSI, PER INFORMATION PROVIDED BY OWNER. CONTRACTOR TO FIELD-VERIFY PRESSURE AT WELL PRIOR TO BIDDING AND NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES.
  - EXISTING IRRIGATION VALVES LOCATED IN THIS SCOPE OF WORK THAT FEED NEIGHBORING FIELD(S) TO THE WEST SHALL BE SALVAGED AND RELOCATED AWAY FROM NEW CONSTRUCTION AREAS. CONTRACTOR SHALL BE RESPONSIBLE FOR RELOCATING APPLICABLE VALVES AS NEEDED AND SHALL PROVIDE CLEAN, EVEN TRANSITION TO PRESERVE CONTINUITY OF SYSTEM TO ADJACENT AREAS. CONTRACTOR SHALL VERIFY INTEGRITY AND OPERATION OF EXISTING SYSTEM BEFORE AND AFTER CONSTRUCTION AND RELOCATION TO ENSURE PROPER PERFORMANCE OF SYSTEM.
  - ALL EQUIPMENT AS SHOWN ON SCHEDULE OR EQUAL AS APPROVED BY OWNER. SUBSTITUTIONS SHALL BE CONFIRMED WITH OWNER AND LANDSCAPE ARCHITECT PRIOR TO BIDDING.



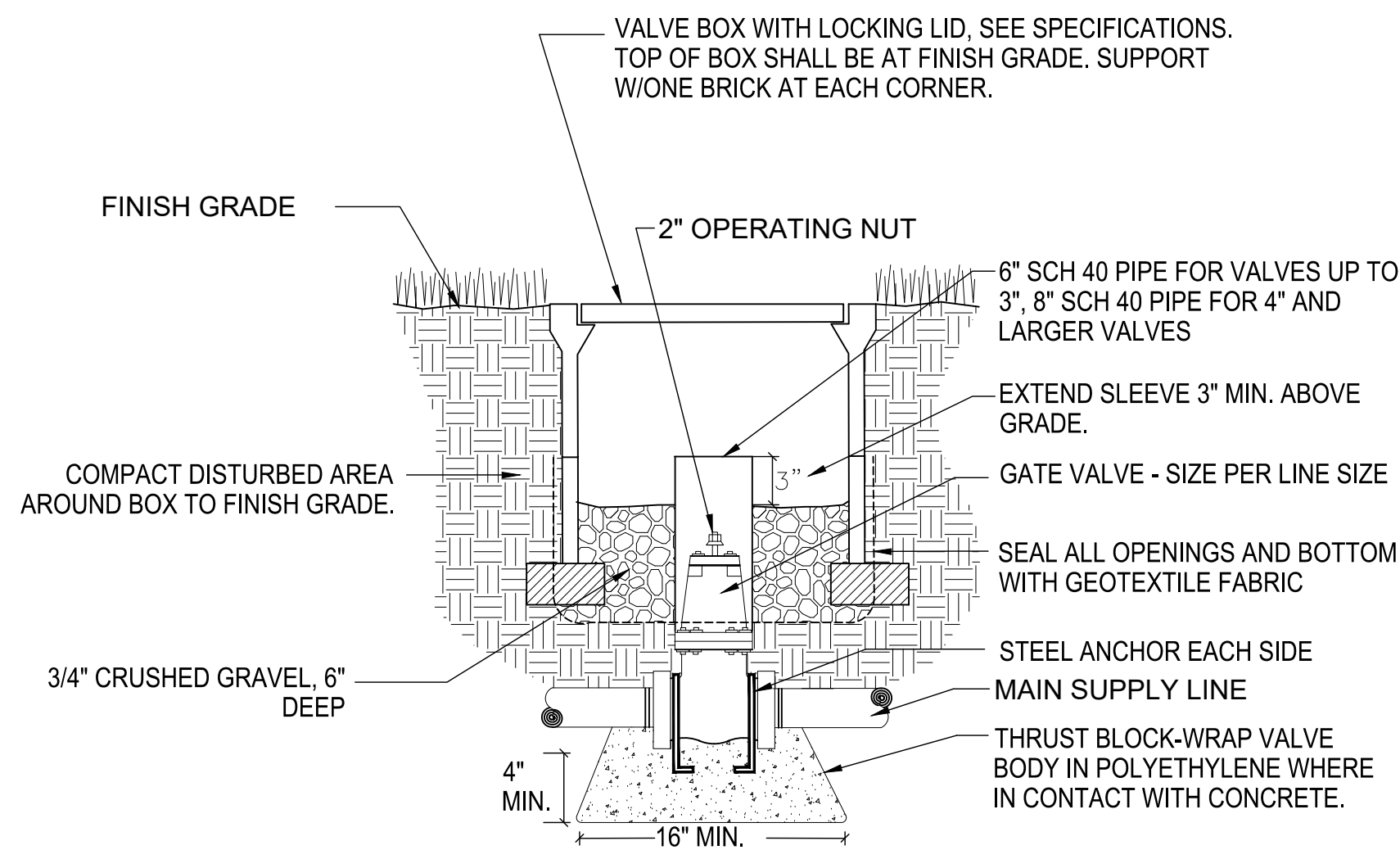


- LEGEND  
1. CONTROLLER ENCLOSURE.  
2. PEDESTAL.  
3. POURED CONCRETE BASE - 6" MIN. THICKNESS - EXTEND 6" BEYOND OUTSIDE DIMENSIONS OF ENCLOSURE WITH 3% SLOPE FOR DRAINAGE.  
4. 3" PVC LONG SWEEP ELL FOR WIRE TO VALVES.  
5. 1 1/2" CONDUIT TO ANTENNA  
6. 1 1/4" CONDUIT FOR PUMP START AND MV/FS WIRES  
7. 120 VOLT DEDICATED SERVICE POWER SUPPLY IN CONDUIT (3/4" MIN.)  
8. 1 1/2" PVC LONG SWEEP ELL FOR GROUNDING WIRE.  
9. FINISH GRADE  
10. CONTROLLER SUB-ASSEMBLY (CSA) INCLUDES GFI & TERMINAL STRIPS WITH PLACARDS  
11. AUTOMATIC CONTROLLER  
12. POWER SOURCE FOR CONTROLLER TO BE PROVIDED AT BOOSTER PUMP.



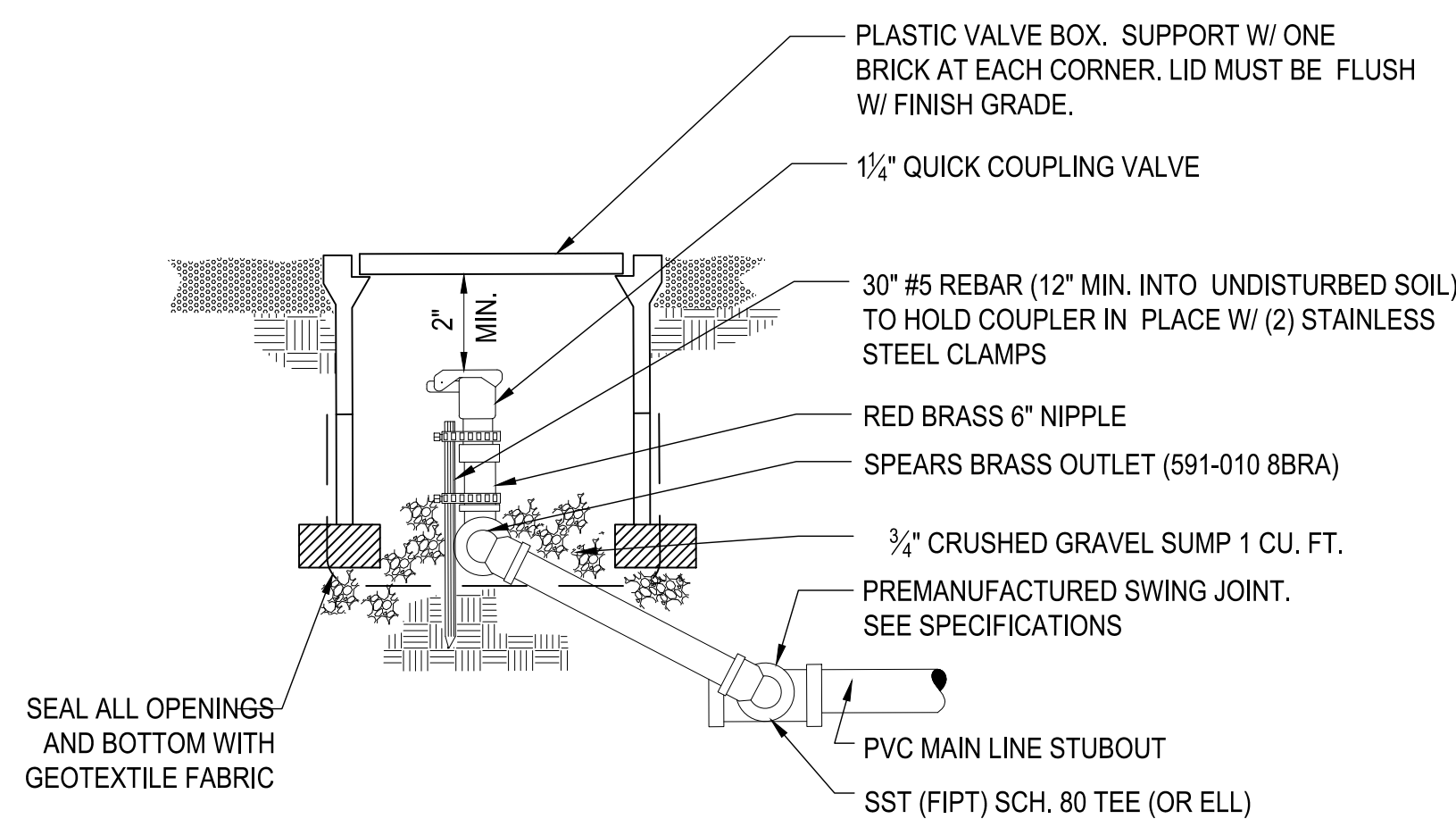
**1 PEDESTAL CONTROLLER**

SCALE: N.T.S.



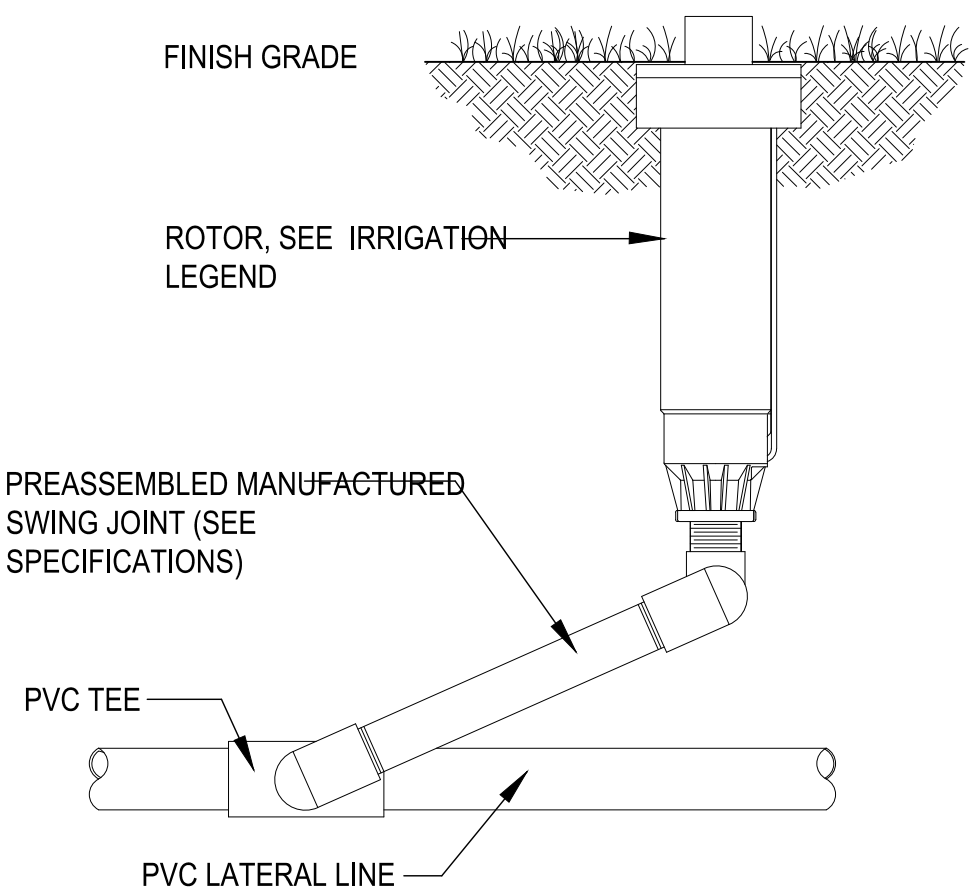
**5 GATE VALVE (MAINLINE 2 1/2\" & LARGER)**

SCALE: N.T.S.



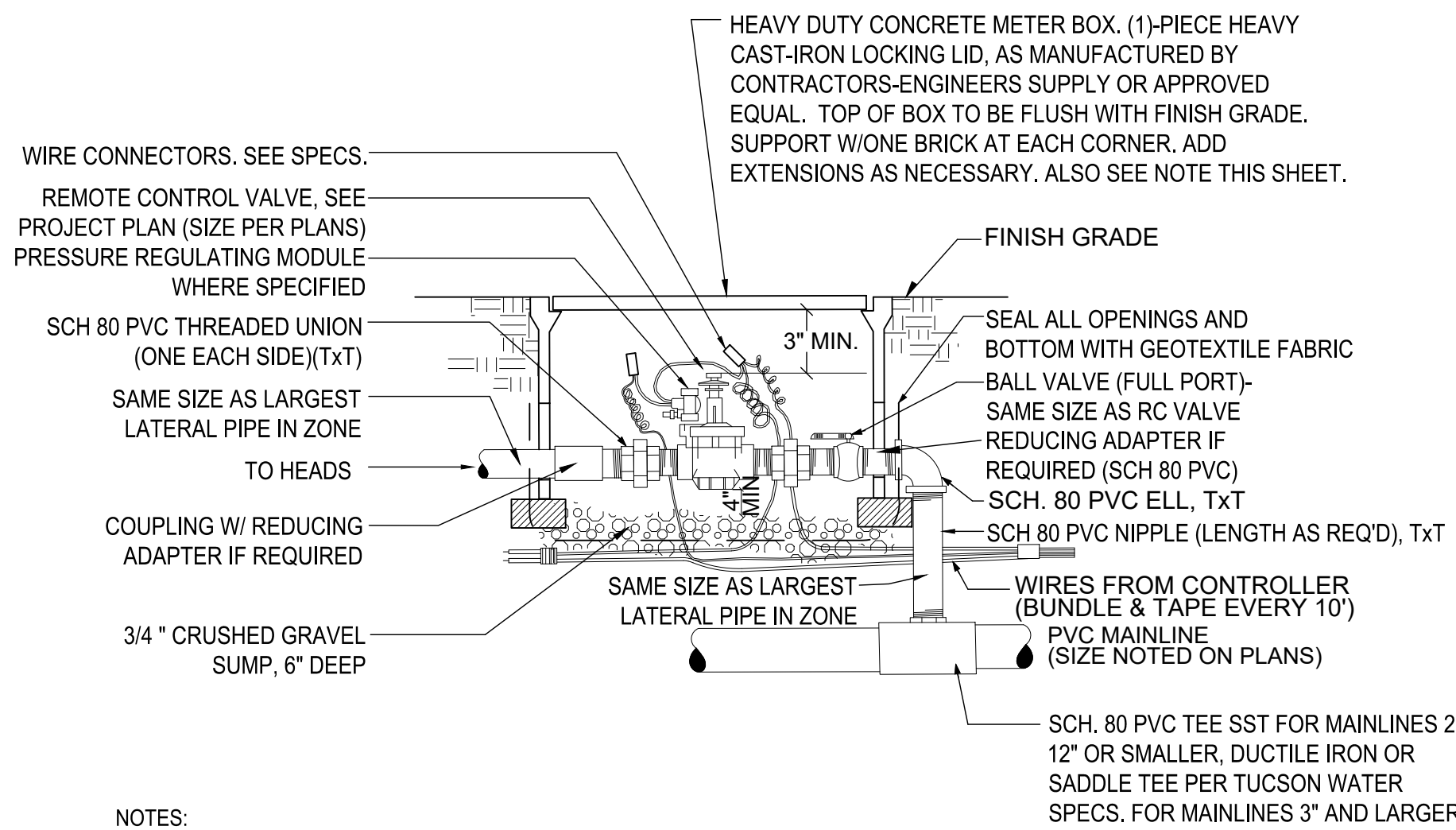
**9 QUICK COUPLER ASSEMBLY**

SCALE: N.T.S.



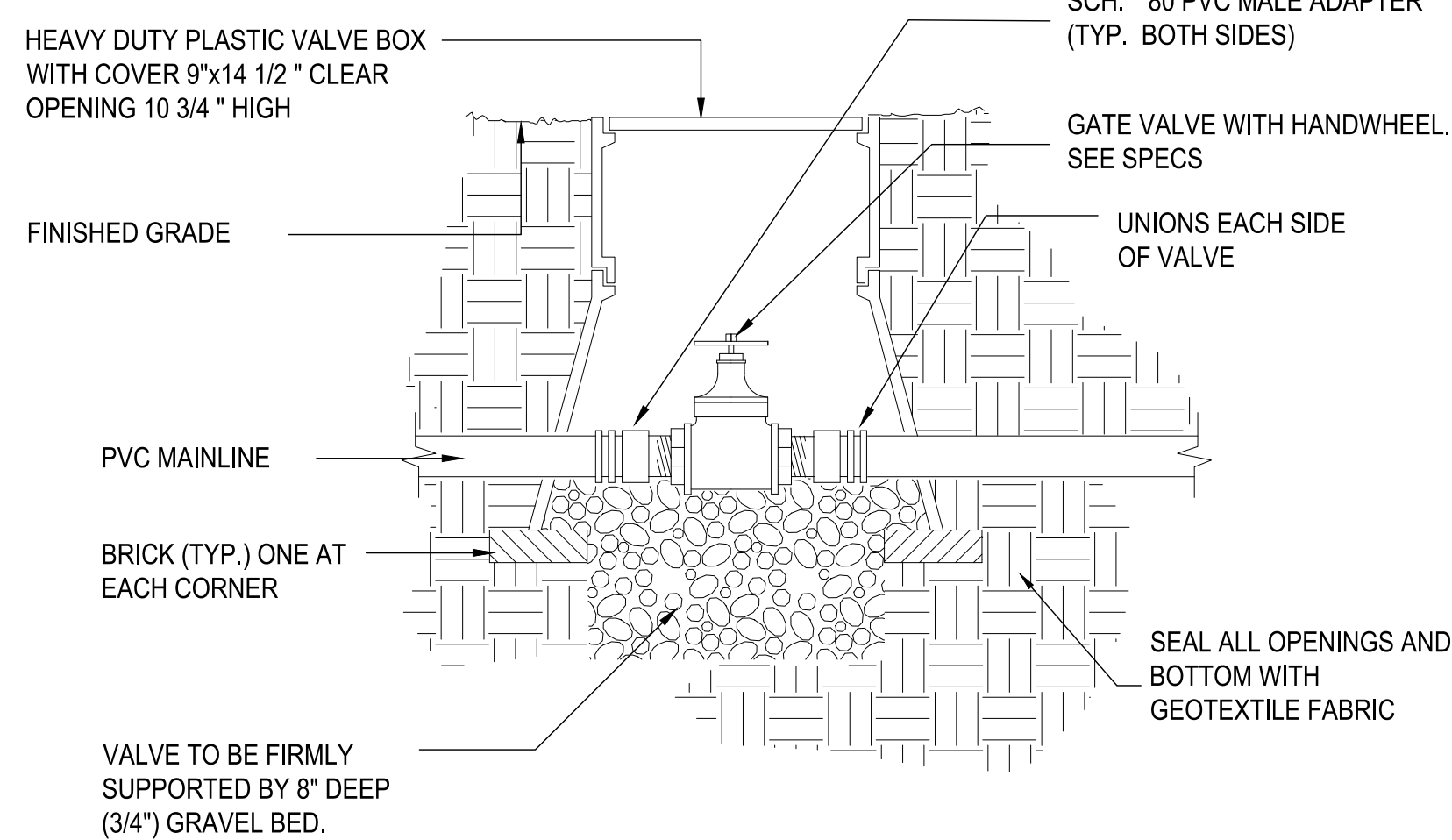
**13 SPRAY HEAD ROTOR**

SCALE: N.T.S.



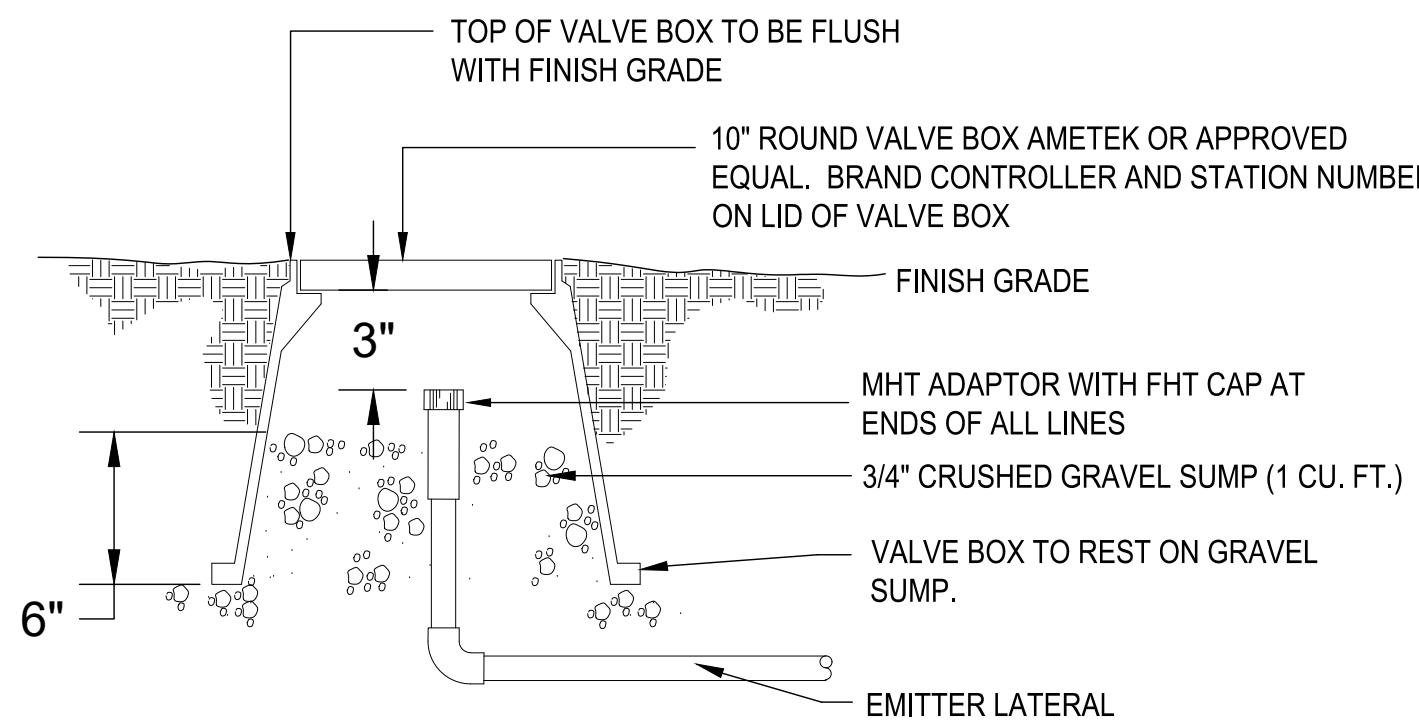
**2 REMOTE CONTROL VALVE ASSEMBLY**

SCALE: N.T.S.



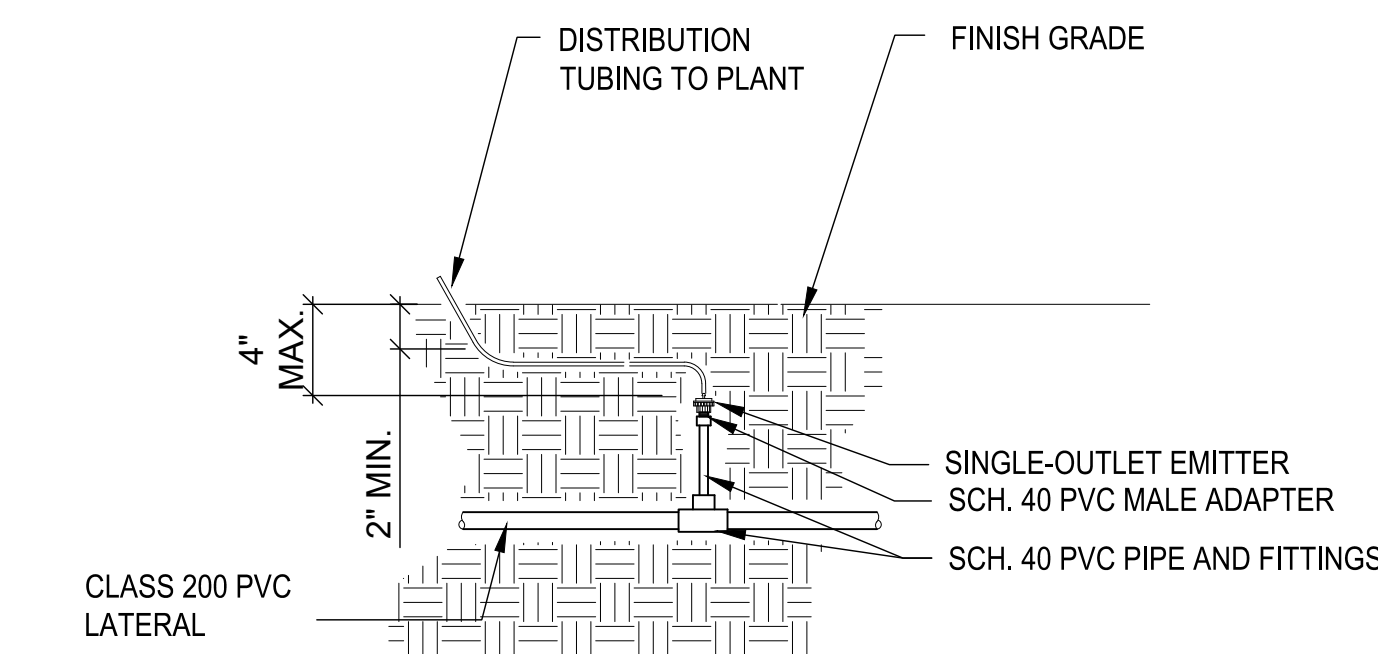
**6 GATE / ISOLATION VALVE ASSEMBLY**

SCALE: N.T.S.



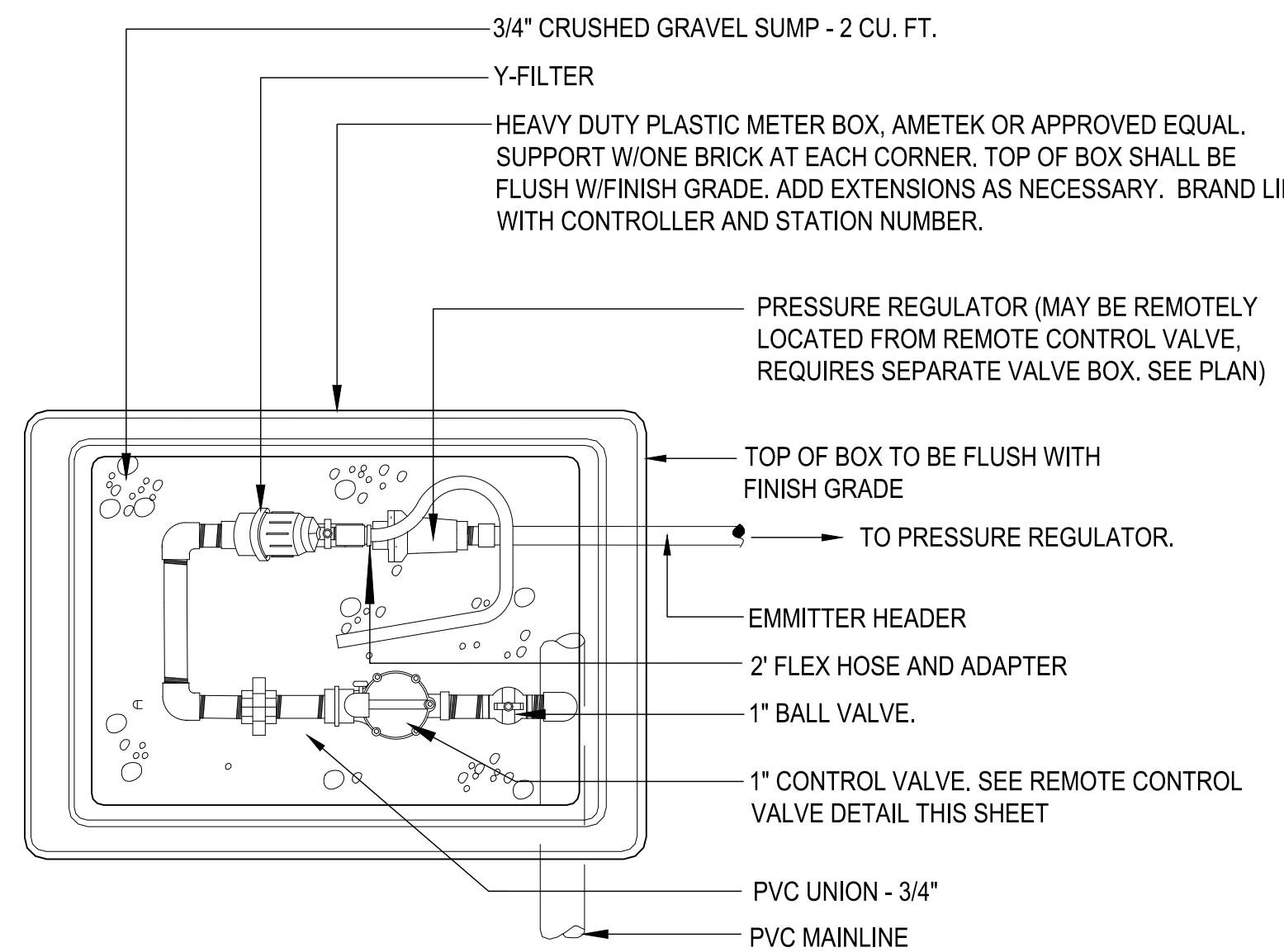
**10 FLUSH END CAP ASSEMBLY**

SCALE: N.T.S.



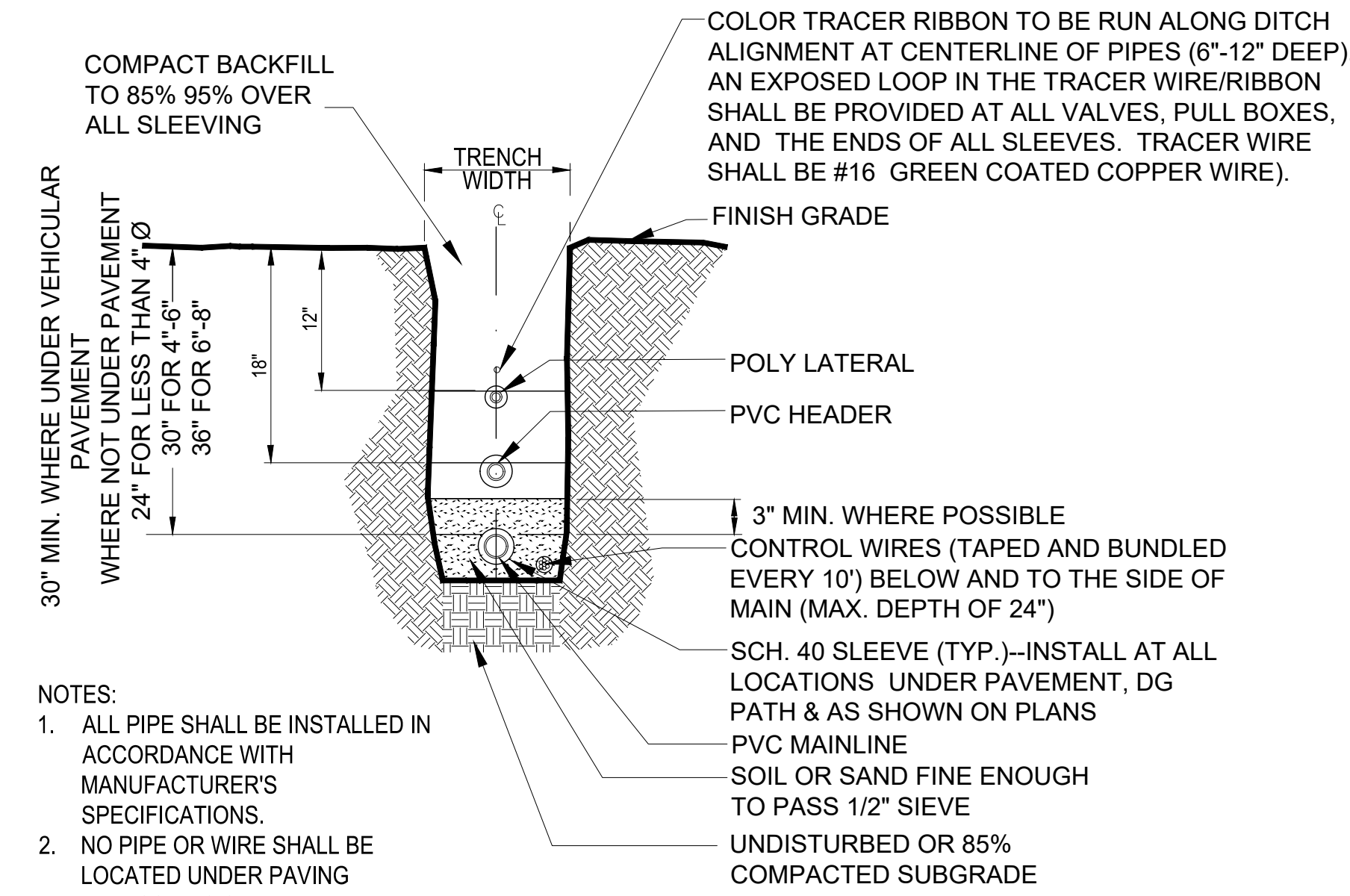
**14 SINGLE OUTLET EMITTER**

SCALE: N.T.S.



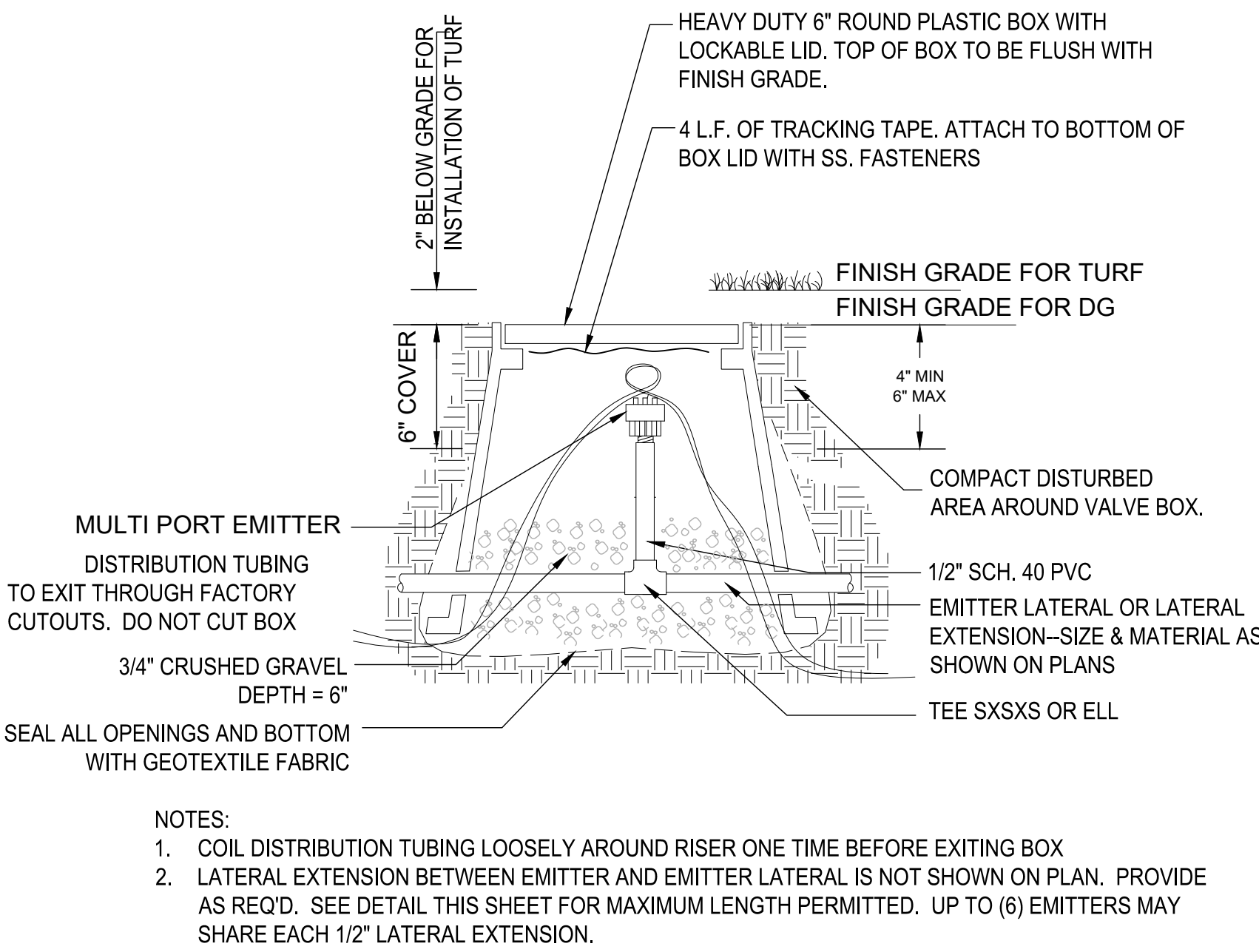
**3 REMOTE CONTROL DRIP VALVE ASSEMBLY**

SCALE: N.T.S.



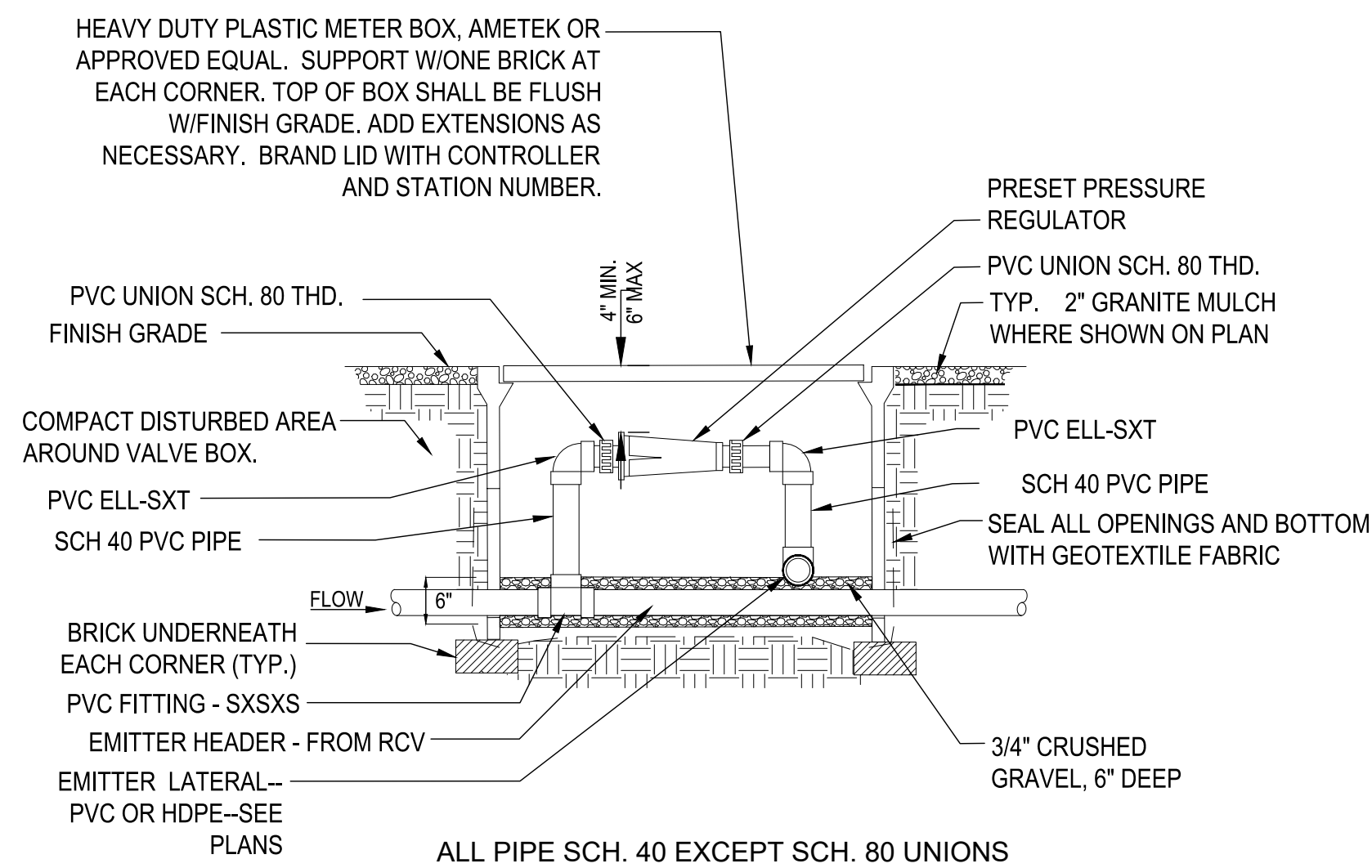
**7 TRENCHING DETAIL**

SCALE: N.T.S.



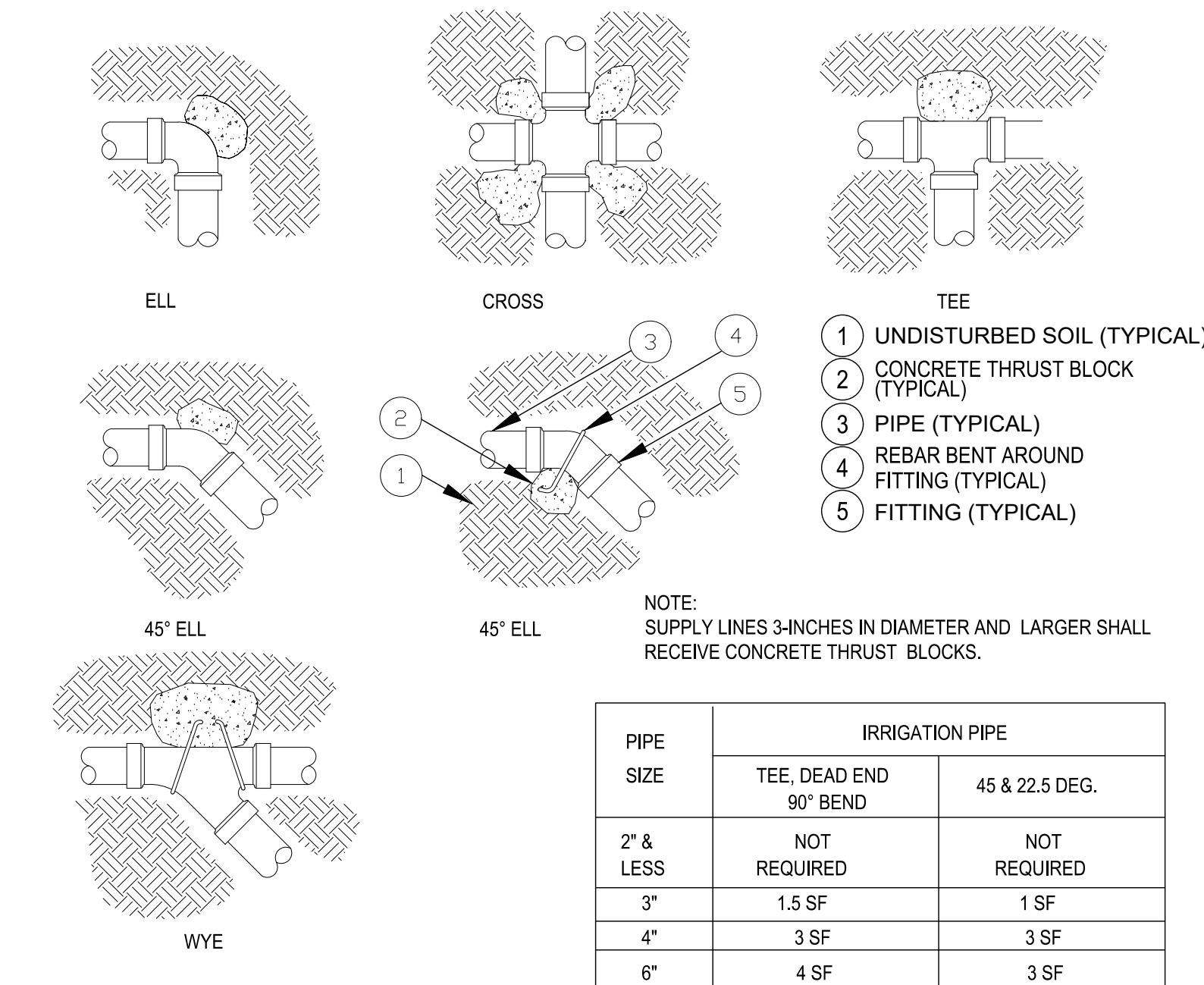
**11 MULTI-PORT EMITTER ASSEMBLY- ALL TREES**

SCALE: N.T.S.



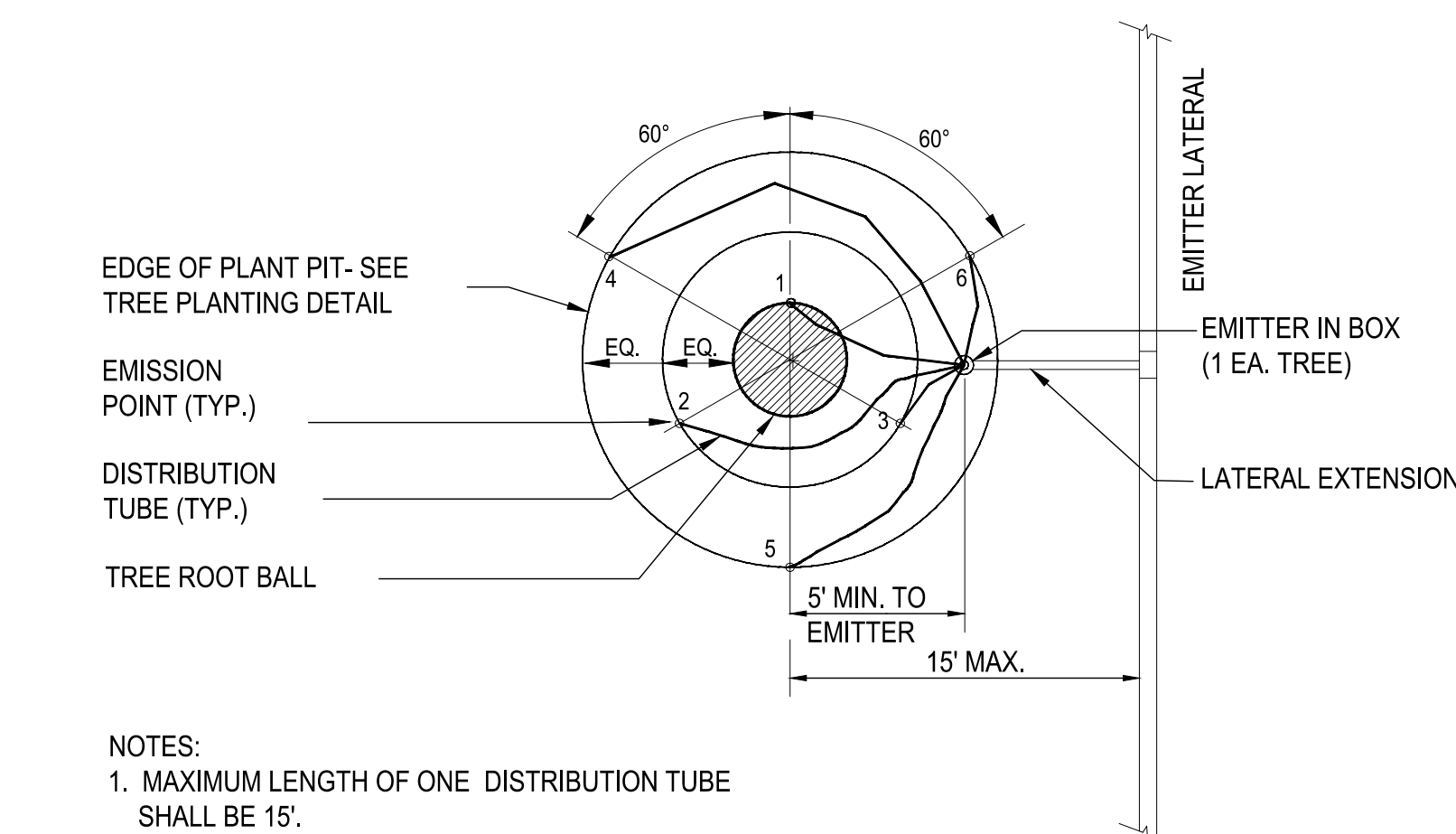
**4 PRESSURE REGULATOR ASSEMBLY**

SCALE: N.T.S.



**8 THRUST BLOCK DETAIL**

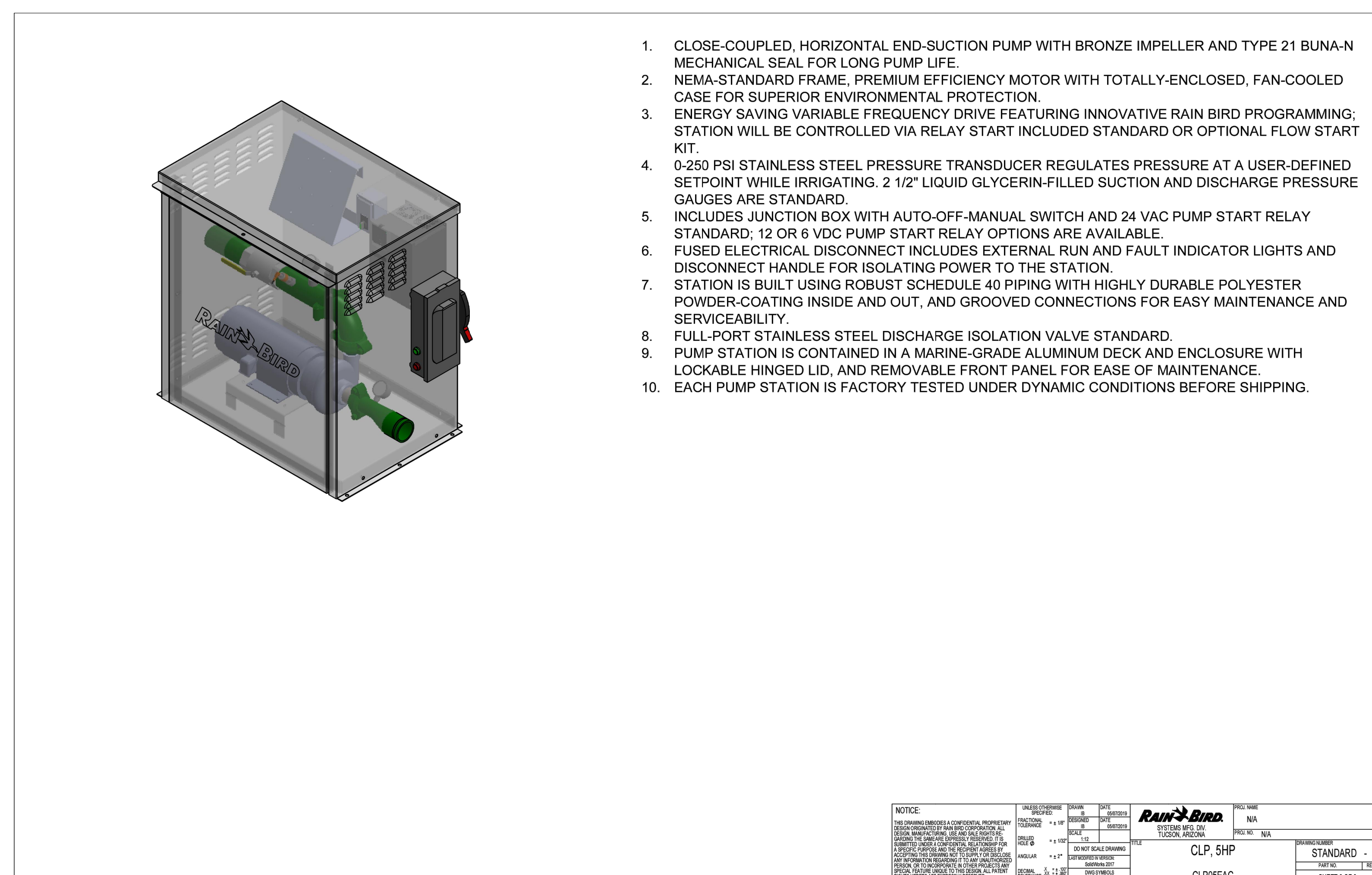
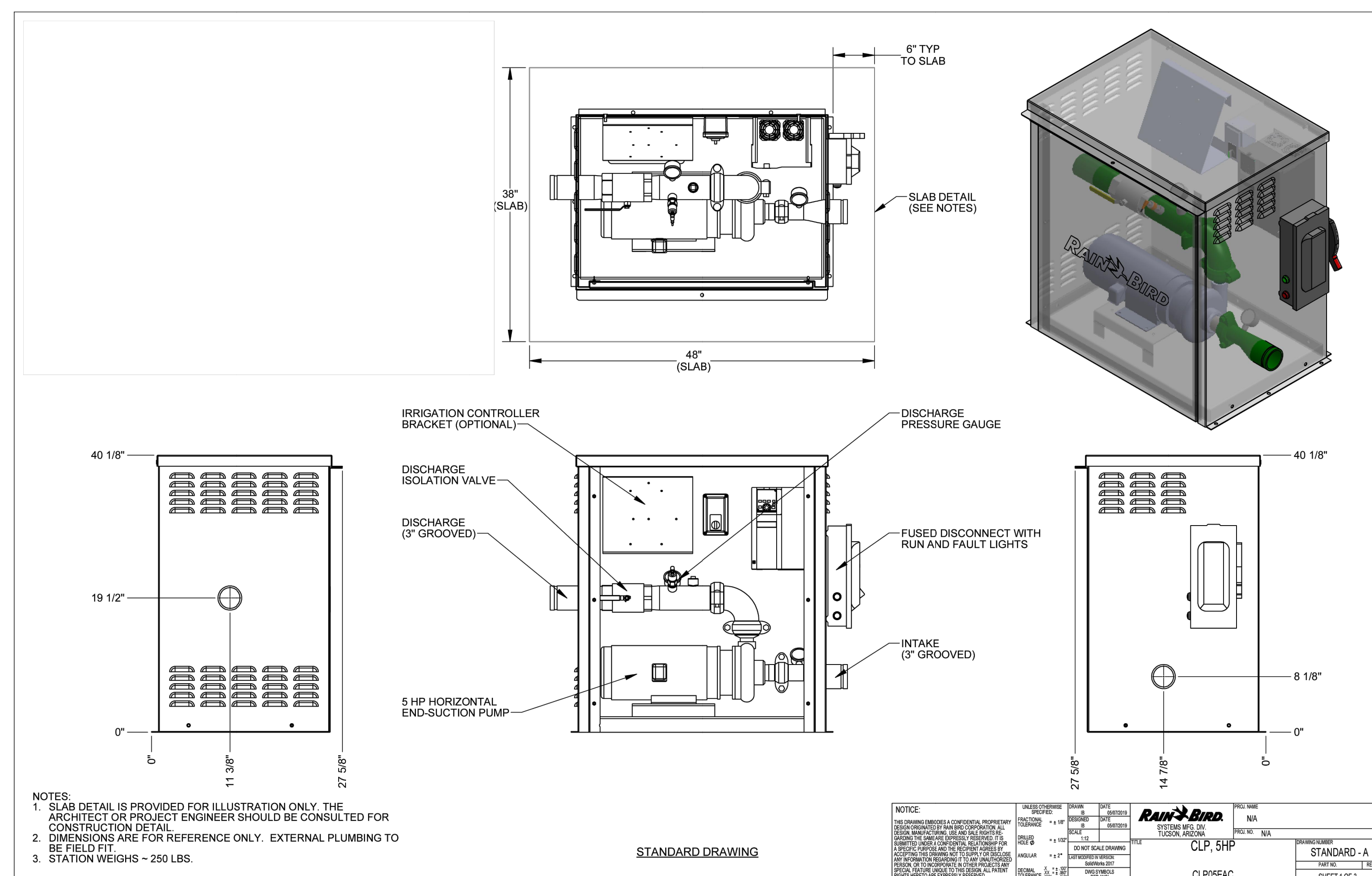
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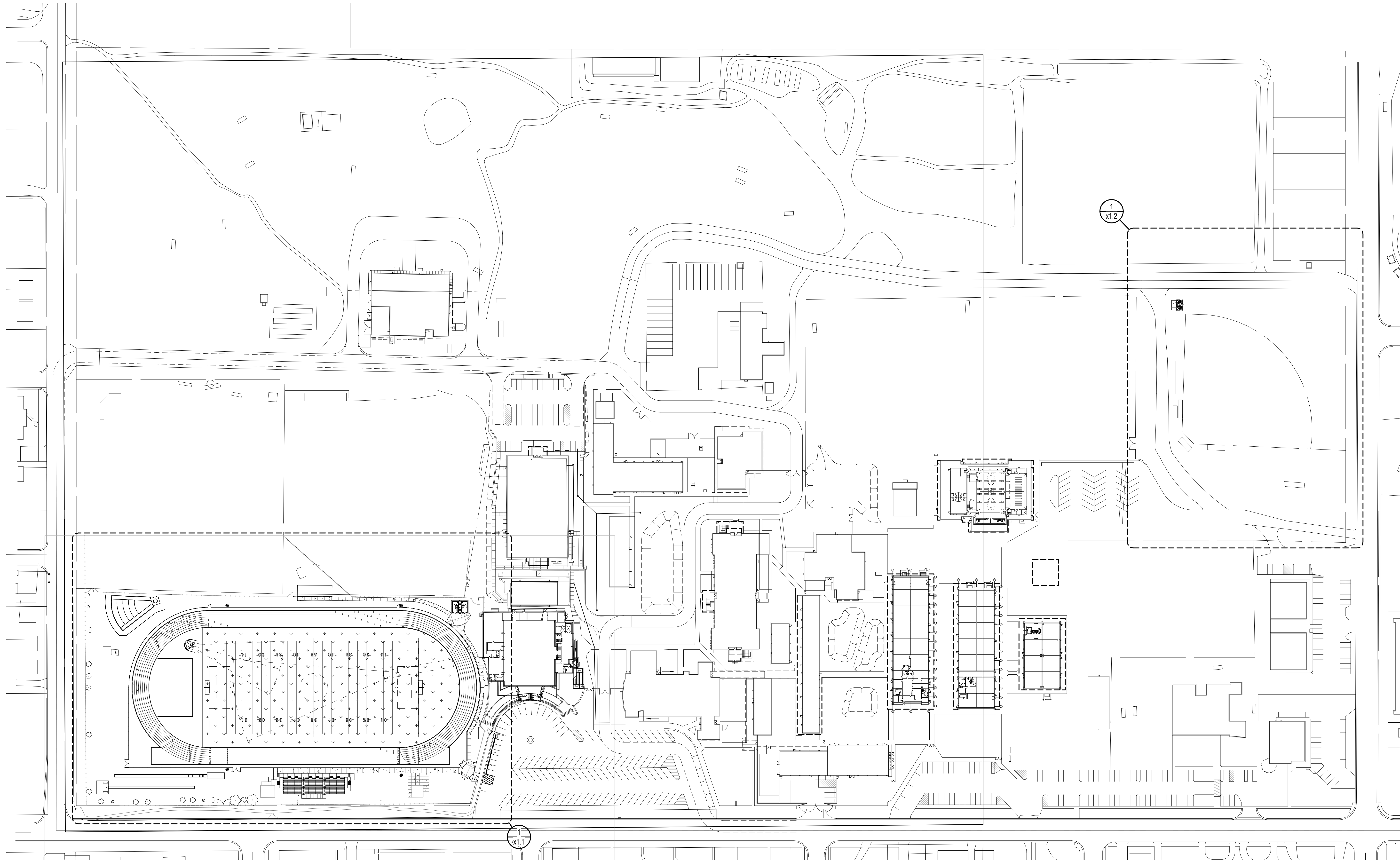
**12 EMITTER LOCATIONS - TREES**

SCALE: N.T.S.









1  
x1.0 site plan - reference north  
1" = 80'-0"

- general notes**
1. COORDINATE WITH CIVIL AND LANDSCAPE.
  2. REFER TO GATE SCHEDULE FOR SIZE AND HARDWARE.

**swaim**  
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job  
**2404.02**

date  
**10.25.2024**

revisions

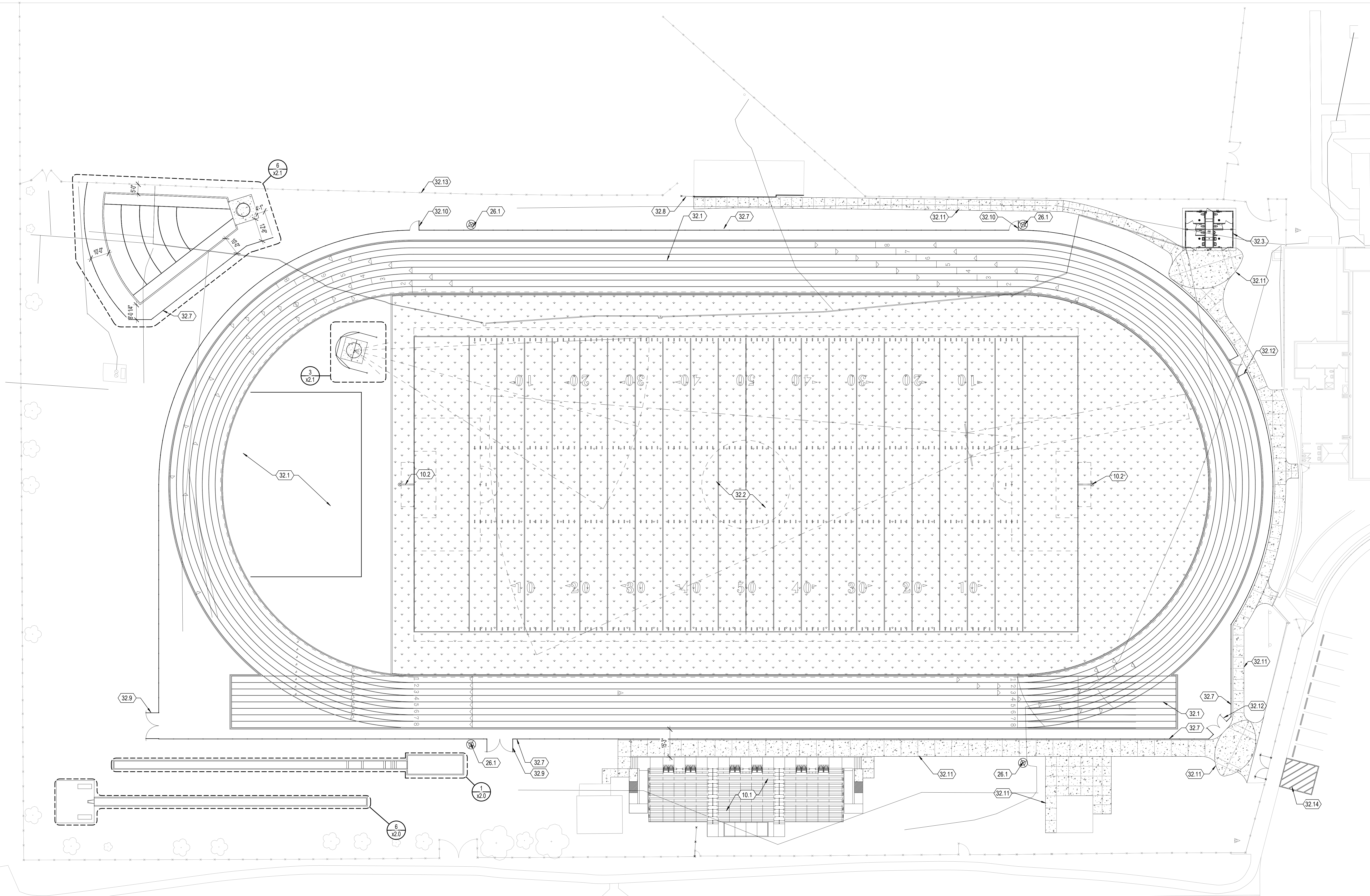

**WILCOX MIDDLE & HIGH SCHOOL**  
TRACK AND FIELD REPLACEMENT  
240 N. BISBEE AVE.  
WILCOX, ARIZONA 85643

site plan

**x1.0**



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1 site plan - track and field north  
1" = 20'-0"

keynotes

- |      |   |       |   |
|------|---|-------|---|
| 10.1 | NEW BLEACHERS AND PRESS BOX UNDER SEPARATE CONTRACT. POWER TO PRESS BOX IS IN CONTRACT.   | 32.3  | PRECAST BUILDING UNDER SEPARATE CONTRACT. SITE PREP UNDER THIS CONTRACT. SUB-BASE SHALL BE 8" THICK 3/4" CRUSHED ROCK COMPACTED TO 95% PER ASTM D1557. SURFACE SHALL BE FLAT AND LEVEL. |
| 10.2 | REMOVE AND REINSTALL FIELD GOAL POST.   | 32.7  | 48" H FENCE, 60" OFF EDGE OF TRACK.   |
| 26.1 | NEW FIELD LIGHT POLES AND FIXTURES UNDER SEPARATE CONTRACT.   | 32.8  | NEW FENCE TO MATCH ADJACENT EXISTING FENCE.   |
| 32.1 | NEW SYNTHETIC TRACK SYSTEM, CURBS, DRAINAGE AND TRACK EVENTS INCLUDED UNDER SEPARATE CONTRACT (1) 'D' END IN SYNTHETIC SURFACE. | 32.9  | CHAIN-LINK GATE 14'-0" WIDE.  |
| 32.2 | RENOVATED TURF AND IRRIGATION. MARKINGS FOR REFERENCE ONLY.   | 32.10 | CHAIN-LINK GATE 5'-0" WIDE.   |
|      |   | 32.11 | 4" THICK CONCRETE SIDEWALK ON 4" COMPACTED A.B.   |
|      |   | 32.12 | CHAIN-LINK GATE 10'-0" WIDE.  |
|      |   | 32.13 | REPAIR TOP RAIL.  |
|      |   | 32.14 | 16' X 18' ACCESSIBLE AISLE. SEE CIVIL DRAWINGS.   |

general notes

- |    |   |    |   |
|----|---|----|---|
| 1. | CONTRACTOR SHALL FIELD VERIFY ALL CONDITIONS AND DIMENSIONS PRIOR TO COMMENCEMENT OF THE WORK.  | 5. | NOT ALL FIELD STRIPING SHOWN. COORDINATE WITH OWNER AND PROVIDE SHOP DRAWINGS FOR FINAL APPROVAL.   |
| 2. | REFER TO CIVIL AND LANDSCAPE SHEETS FOR ADDITIONAL INFORMATION.   | 6. | NOT ALL TRACK EVENT STRIPING SHOWN. COORDINATE WITH OWNER AND PROVIDE SHOP DRAWINGS FOR FINAL APPROVAL.   |
| 3. | NOT USED.   | 7. | EXISTING PERIMETER CHAIN LINK FENCE SHALL REMAIN AND BE PROTECTED THROUGHOUT CONSTRUCTION.  |
| 4. | CONTRACTOR SHALL PROVIDE AND INSTALL SCHOOL LOGO AT MIDFIELD AND TEXT IN END ZONES. GRAPHICS, TEXT, AND FONT SHALL BE FINALIZED BY THE OWNER. | 8. | ATHLETIC EQUIPMENT AND LAYOUTS TO BE PER CURRENT NFHS COURT AND FIELD DIAGRAM GUIDE, NFHS PUBLICATIONS, PUBLISHED BY THE NATIONAL FEDERATION OF STATE HIGH SCHOOL ASSOCIATIONS. PHONE: 800-776-3462 |



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site plan - track and field

x1.1