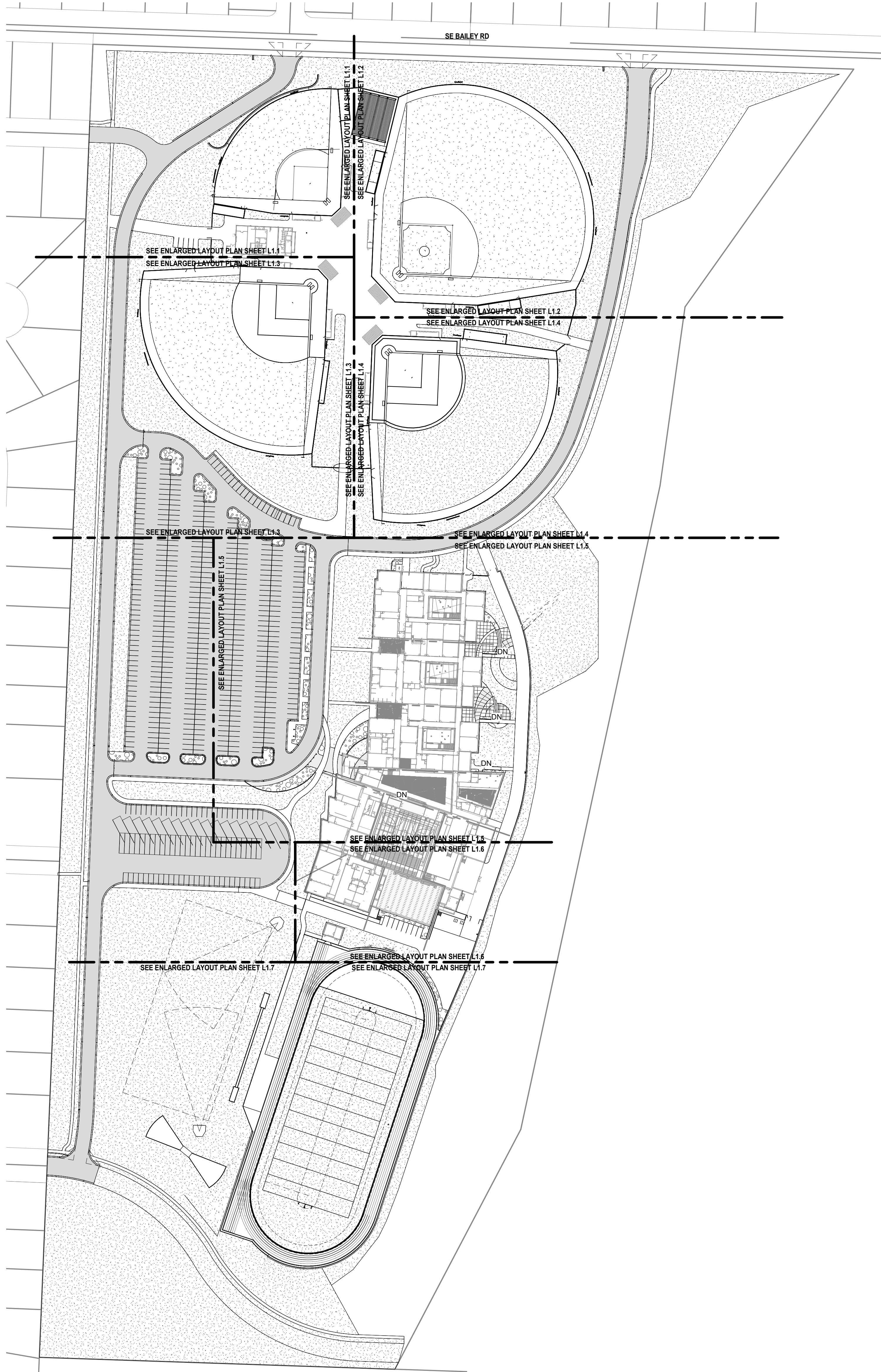


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1 OVERALL LAYOUT PLAN
L1.0 SCALE: 1" = 100'-0"

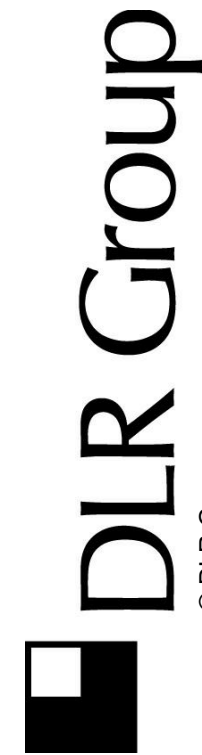


LAYOUT NOTES:

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 2. ALL CURBS/RAMPS TO BE BUILT IN COMPLIANCE WITH FEDERAL ACCESSIBILITY STANDARDS.
 3. PAVING DIMENSIONS ARE TO BACK OF CURB UNLESS OTHERWISE NOTED.
 4. ALL WORK WILL BE IN ACCORDANCE WITH OSHA CODES AND STANDARDS. NOTHING INDICATED ON THESE DRAWINGS SHALL RELIEVE THE CONTRACTOR FROM COMPLYING WITH ANY APPROPRIATE SAFETY REGULATIONS.
 5. VERIFY LAYOUT COORDINATES PRIOR TO CONSTRUCTION.
 6. CONTRACTOR TO SUPPLY AND INSTALL ALL REQUIRED SLEEVES UNDER PAVING AND WALKS.
 7. PLACE EXPANSION JOINTS AT VERTICAL ELEMENTS (BUILDING, COLUMNS, WALLS, BACK OF CURBS, ETC.) AND AT CHANGES IN GRADE AND DIRECTION AND APPROXIMATELY EVERY 30 LINEAR FEET.
 8. WHERE NEW PAVEMENTS ARE CALLED FOR, PROVIDE AN EXPANSION JOINT AROUND ALL EXISTING UTILITIES, MANHOLES, POLES, LIGHTS, ETC.
 9. SAWCUT JOINTS BETWEEN CRITICAL POINTS ARE TO BE EQUALLY SPACED, OR AS SHOWN ON DRAWINGS.
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15. ABBREVIATIONS:
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TD = TOP OF TRENCH DRAIN
TW = TOP OF WALL
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FL = FLOW LINE
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KEYNOTE LEGEND

- 1 STANDARD GRAY CONCRETE WALK WITH BROOM FINISH, RE: CIVIL
- 2 DECORATIVE CONCRETE WALK WITH STANDARD BROOM FINISH, RE: CIVIL
- 3 PLANTING AREA, SEE LANDSCAPE PLAN
- 4 SOD, SEE LANDSCAPE PLAN
- 5 BED EDGER, RE: 5/4.0
- 6 FLAGPOLE, RE: 6/4.0
- 7 SEATWALL, RE: 7/4.0
- 8 WASTE RECEPTACLE, RE: SPECS
- 9 BIKE RACKS, RE: 8/4.0
- 10 MONUMENT SIGN, RE: 1/4.3
- 11 RETAINING WALL WITH SLEEVE-IT SYSTEMS AND 42" HEIGHT GUARDRAIL SYSTEM, RE: 6/4.1
- 12 DECORATIVE BOLLARD, RE: SPECS
- 13 BOLLARD, RE: 10/4.1
- 14 HEAVY-DUTY PAVEMENT, RE: CIVIL
- 15 BUILDING MOWSTRIP, RE: 11/4.0
- 16 6" HT. ORNAMENTAL FENCE WITH MOWSTRIP, RE: 7/4.1
- 17 6" HT. ORNAMENTAL GATE, RE: 8/4.1
- 18 6" HT. PVC COATED CHAIN LINK FENCE, RE: 4/4.1
- 19 6" HT. PVC COATED CHAIN LINK GATE, RE: 5/4.1
- 20 DECORATIVE GUARDRAIL, SIM TO: 1/4.1
- 21 STAIRS WITH HANDRAILS, RE: 15/4.0
- 22 RAMP WITH HANDRAILS, RE: 1/4.1
- 23 6" HT. ORNAMENTAL GUARDRAIL, SIM TO: 7/4.1
- 24 6" HT. CHAINLINK GUARDRAIL, SIM TO: 4/4.1
- 25 FOOTBALL FIELD SCOREBOARD, RE: SPECS
- 26 FOOTBALL FIELD GOALPOST, RE: 1/4.2
- 27 8' BALLFIELD CHAINLINK FENCE @ RETAINING WALL, RE: 10/4.2
- 28 LONG/TRIPLE SAND PIT, RE: 2/4.2
- 29 LONG/TRIPLE RUNWAY, RE: 3/4.2
- 30 DISCUS PAD AND CAGE, RE: 4/4.2
- 31 SHOT-PUT, RE: 4/4.2
- 32 RUNNING TRACK WITH SURFACING, RE: 6/4.2
- 33 TRACK SLOT DRAIN, RE: 6/4.2
- 34 TRACK TRENCH DRAIN, RE: 6/4.2
- 35 TRACK CATCH BASIN, RE: 6/4.2
- 36 TRACK RADIUS MONUMENT PIN, RE: 7/4.2
- 37 CONCRETE FIELD CURB, SIM TO: 6/4.2
- 38 LONG/TRIPLE TAKE-OFF BOARD, RE: SPECS
- 39 32" HT. PVC COATED CHAIN LINK BACKSTOP WITH MOWSTRIP, RE: 6/4.3
- 40 8' HT. PVC COATED CHAINLINK OUTFIELD FENCE WITH PADDED TOP RAIL AND MOWSTRIP AND VALER BOARD, RE: 6/4.2
- 41 SYNTHETIC TURF - OUTFIELD, RE: 11/4.2
- 42 SYNTHETIC TURF - INFIELD, RE: 11/4.2
- 43 SYNTHETIC TURF - WARNING TRACK, RE: 11/4.2
- 44 BASE WITH SLEEVE (FOR SYNTHETIC TURF), RE: SPECS
- 45 HOME PLATE WITH SLEEVE (FOR SYNTHETIC TURF), RE: 8/4.2
- 46 PANEL DRAIN, RE: 12/4.2
- 47 COLLECTOR PIPE, RE: 11/4.2
- 48 CLEAN-OUT WITH CAP, RE: 14/4.2
- 49 8' HT. PVC COATED CHAINLINK GATE, RE: 5/4.1
- 50 FLY-ARC TRANSITION CURB, RE: 15/4.2
- 51 NATURAL INFELD FINES, RE: SPECS
- 52 NATURAL WARNING TRACK FINES, RE: 3/4.2
- 53 BASE WITH SLEEVE (FOR NATURL TURF), RE: SPECS
- 54 HOME PLATE WITH SLEEVE (FOR NATURAL TURF), RE: 12/4.2
- 55 SOFTBALL FOUL POLE, SIM TO: 4/4.3
- 56 BASEBALL FOUL POLE, SIM TO: 4/4.3
- 57 BASEBALL/SOFTBALL SCOREBOARD 1, RE: SPECS
- 58 PITCHING RUBBER, RE: SPECS
- 59 SPORTSFIELD LIGHTS, RE: ELEC.
- 60 QUAD BATTING CAGES, RE: 5/4.3
- 61 SOFTBALL BULLPEN, RE: SPECS
- 62 BASEBALL BULLPEN, RE: SPECS
- 63 DUGOUT, RE: ARCH
- 64 PORTABLE PITCHING MOUND, RE: SPECS
- 65 PORTABLE DUGOUT MOUND, RE: SPECS
- 66 SURFACE MOUNTED GUARDRAIL, RE: 2/4.1
- 67 BLEACHER, RE: 1/4.4
- 68 8' HT. PVC COATED CHAINLINK FENCE WITH MOWSTRIP, RE: 5/4.1
- 69 4' HT. PVC COATED CHAINLINK FENCE WITH MOWSTRIP, RE: 5/4.1
- 70 4' HT. PVC COATED CHAINLINK GATE, RE: 5/4.1



Consultant Logo

Project
Logo

LEE'S SUMMIT MIDDLE SCHOOL #4

LEE'S SUMMIT R-7 SCHOOL DISTRICT

1001 SE BAILEY ROAD
LEE'S SUMMIT, MO 64081

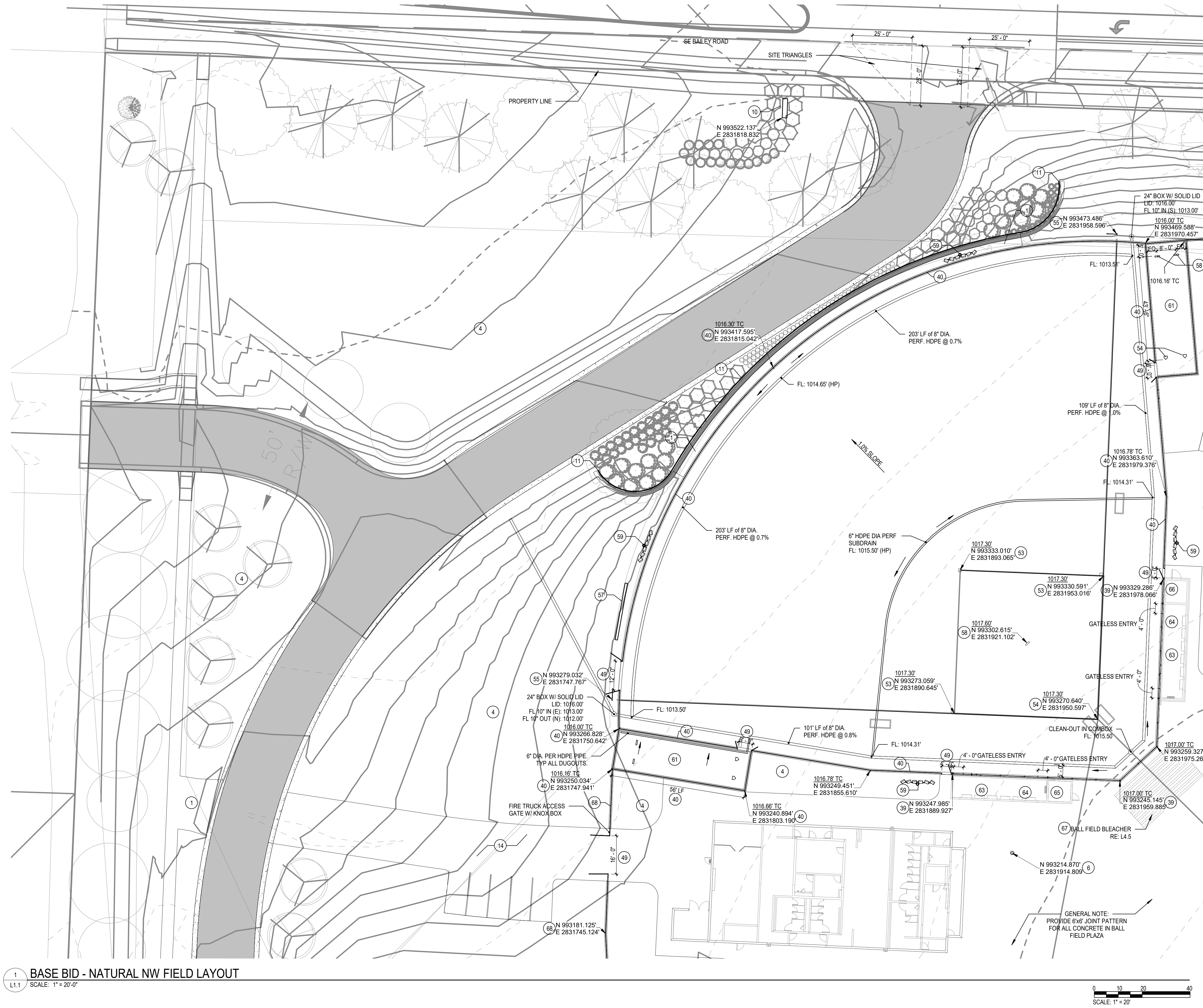
PACKAGE 3 -
BUILDING & SITE
10/08/20
REVISIONS

13-20102

OVERALL LAYOUT
PLAN

L1.0

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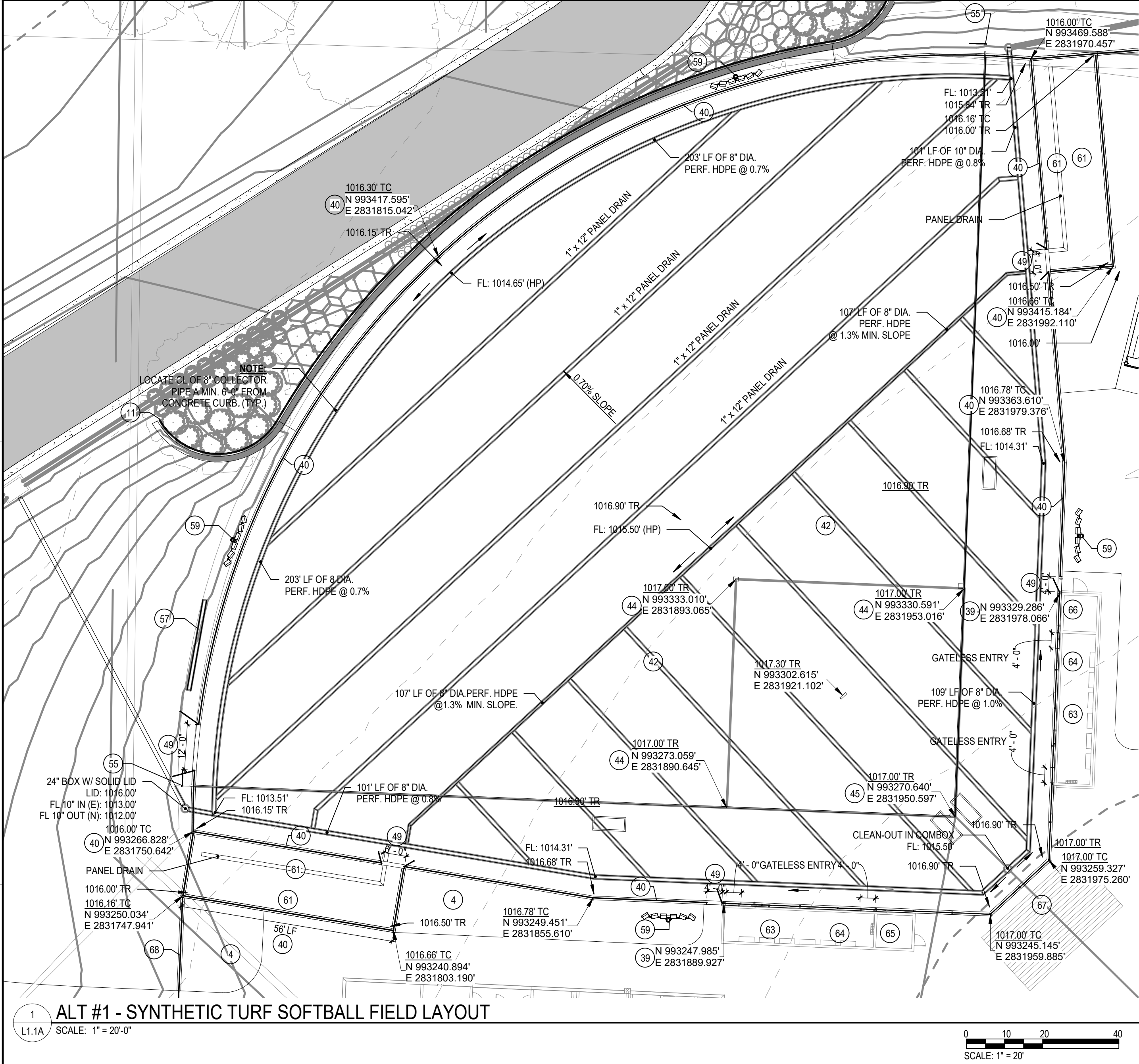
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2	DECORATIVE CONCRETE WALK WITH STANDARD BROOM FINISH, RE: CIVIL
3	PLANTING AREA, SEE LANDSCAPE PLAN
4	SOD, SEE LANDSCAPE PLAN
5	BED EDGER, RE: 5/L4.0
6	FLAGPOLE, RE: 6/L4.0
7	SEATWALL, RE: 7/L4.0
8	WASTE RECEPTACLE, RE: SPECS
9	BIKE RACKS, RE: 8/L4.0
10	MONUMENT SIGN, RE: 1/L4.3
11	RETAINING WALL WITH SLEEVE-IT SYSTEMS AND 42" HEIGHT GUARDRAIL SYSTEM, RE: 6/L4.1
12	DECORATIVE BOLLARD, RE: SPECS
13	BOLLARD, RE: 10/L4.1
14	HEAVY-DUTY PAVEMENT, RE: CIVIL
15	BUILDING MOWSTRIP, RE: 11/L4.0
16	6" HT. ORNAMENTAL FENCE WITH MOWSTRIP, RE: 7/L4.1
17	6" HT. ORNAMENTAL GATE, RE: 8/L4.1
18	6" HT. PVC COATED CHAIN LINK FENCE, RE: 4/L4.1
19	6" HT. PVC COATED CHAIN LINK GATE, RE: 5/L4.1
20	DECORATIVE GUARDRAIL, SIM TO: 1/L4.1
21	STAIRS WITH HANDRAILS, RE: 15/L4.0
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26	FOOTBALL FIELD GOALPOST, RE: 1/L4.2
27	8 BALLFIELD CHAINLINK FENCE @ RETAINING WALL, RE: 10/L4.2
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67	BLEACHER, RE: 1/L4.4
68	8" HT. PVC COATED CHAINLINK FENCE WITH MOWSTRIP, RE: 5/L4.1
69	4" HT. PVC COATED CHAINLINK FENCE WITH MOWSTRIP, RE: 5/L4.1
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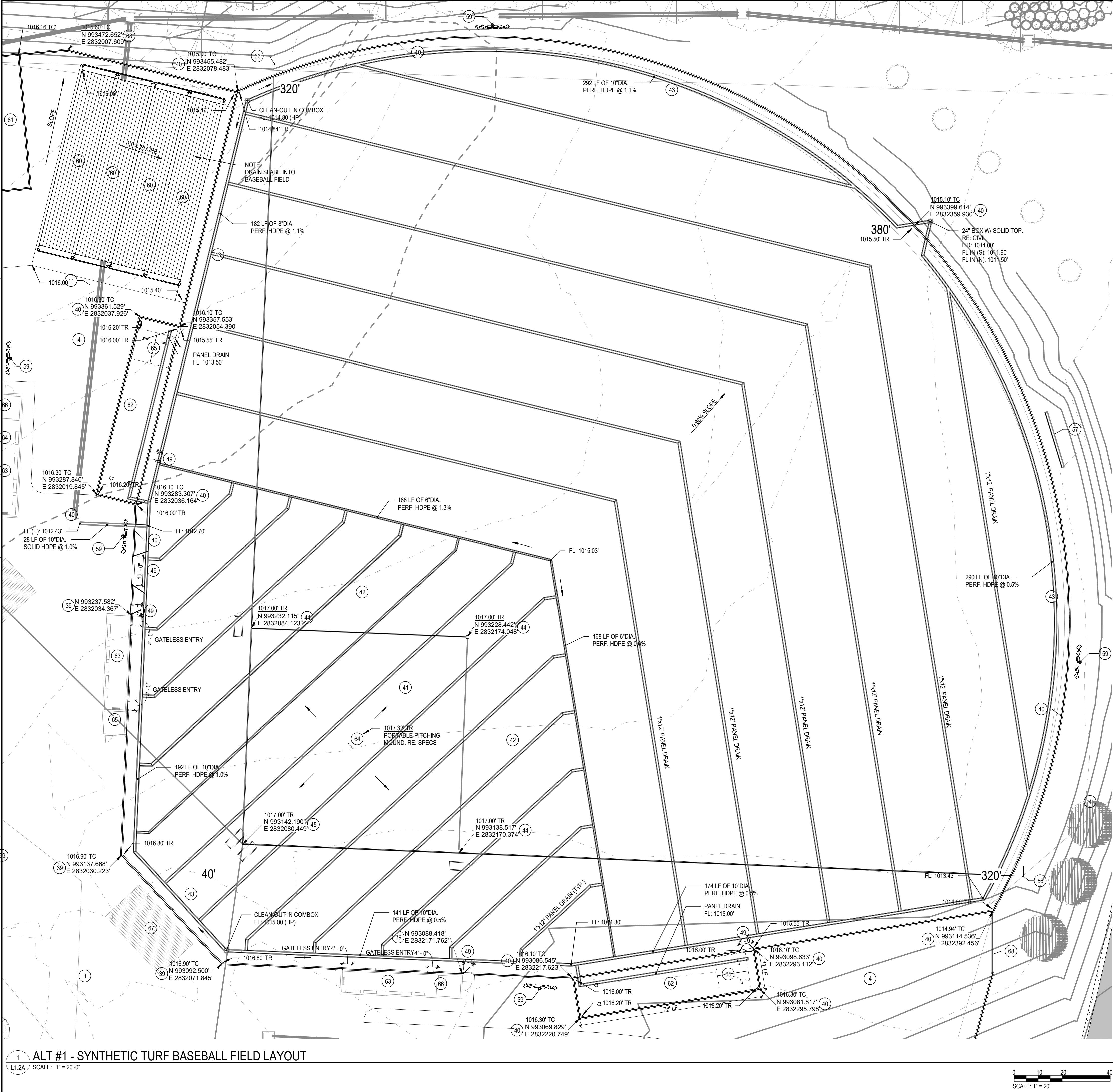
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KEYNOTE LEGEND
SCALE: 1/8\"/>



-  **KEYNOTE LEGEND**
SCALE: 1/8" = 1'-0"

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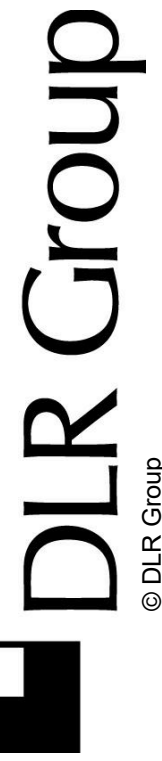
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- 36 TRACK RADIUS MONUMENT PIN, RE: 7/L4.2
- 37 CONCRETE FIELD CURB, SIM TO: 6/L4.2
- 38 LONG/TRIPLE TAKE-OFF BOARD, RE: SPECS
- 39 32' HT. PVC COATED CHAIN LINK BACKSTOP WITH MOWSTRIP, RE: 8/L4.3
- 40 8' HT. PVC COATED CHAINLINK OUTFIELD FENCE WITH PADDED TOP RAIL AND MOWSTRIP AND MAILER BOARD, RE: 9/L4.2
- 41 SYNTHETIC TURF - OUTFIELD, RE: 11/L4.2
- 42 SYNTHETIC TURF - INFIELD, RE: 11/L4.2
- 43 SYNTHETIC TURF - WARNING TRACK, RE: 11/L4.2
- 44 BASE WITH SLEEVE (FOR SYNTHETIC TURF), RE: SPECS
- 45 HOME PLATE WITH SLEEVE (FOR SYNTHETIC TURF), RE: 8/L4.2
- 46 PANEL DRAIN, RE: 12/L4.2
- 47 COLLECTOR PIPE, RE: 11/L4.2
- 48 CLEAN-OUT WITH CAP, RE: 14/L4.2
- 49 8' HT. PVC COATED CHAINLINK GATE, RE: 5/L4.1
- 50 FLY-ARC TRANSITION CURB, RE: 15/L4.2
- 51 NATURAL INFIELD FINES, RE: SPECS
- 52 NATURAL WARNING TRACK FINES, RE: 3/L4.2
- 53 BASE WITH SLEEVE (FOR NATURAL TURF), RE: SPECS
- 54 HOME PLATE WITH SLEEVE (FOR NATURAL TURF), RE: 12/L4.2
- 55 SOFTBALL FOUL POLE, SIM TO: 4/L4.3
- 56 BASEBALL FOUL POLE, SIM TO: 4/L4.3
- 57 BASEBALL/SOFTBALL SCOREBOARD 1, RE: SPECS
- 58 PITCHING RUBBER, RE: SPECS
- 59 SPORTSFIELD LIGHTS, RE: ELEC.
- 60 QUAD BATTING CAGES, RE: 5/L4.3
- 61 SOFTBALL BULLPEN, RE: SPECS
- 62 BASEBALL BULLPEN, RE: SPECS
- 63 DUGOUT, RE: ARCH
- 64 PORTABLE PITCHING MOUND, RE: SPECS
- 65 PORTABLE DUGOUT MOUND, RE: SPECS
- 66 SURFACE MOUNTED GUARDRAIL, RE: 2/L4.1
- 67 BLEACHER, RE: 1/L4.4
- 68 8' HT. PVC COATED CHAINLINK FENCE WITH MOWSTRIP, RE: 5/L4.1
- 69 4' HT. PVC COATED CHAINLINK FENCE WITH MOWSTRIP, RE: 9/L4.1
- 70 4' HT. PVC COATED CHAINLINK GATE, RE: 5/L4.1

KEY

- TR = TOP OF ROCK
TC = TOP OF CURB
TW = TOP OF WALL



Consultant Logo

Project
Logo

LEE'S SUMMIT MIDDLE SCHOOL #4

LEE'S SUMMIT R-7 SCHOOL DISTRICT

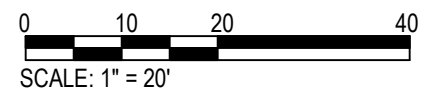
1001 SE BAILEY ROAD
LEE'S SUMMIT, MO 64081

PACKAGE 3 -
BUILDING & SITE
10/08/20
REVISIONS

13-20102

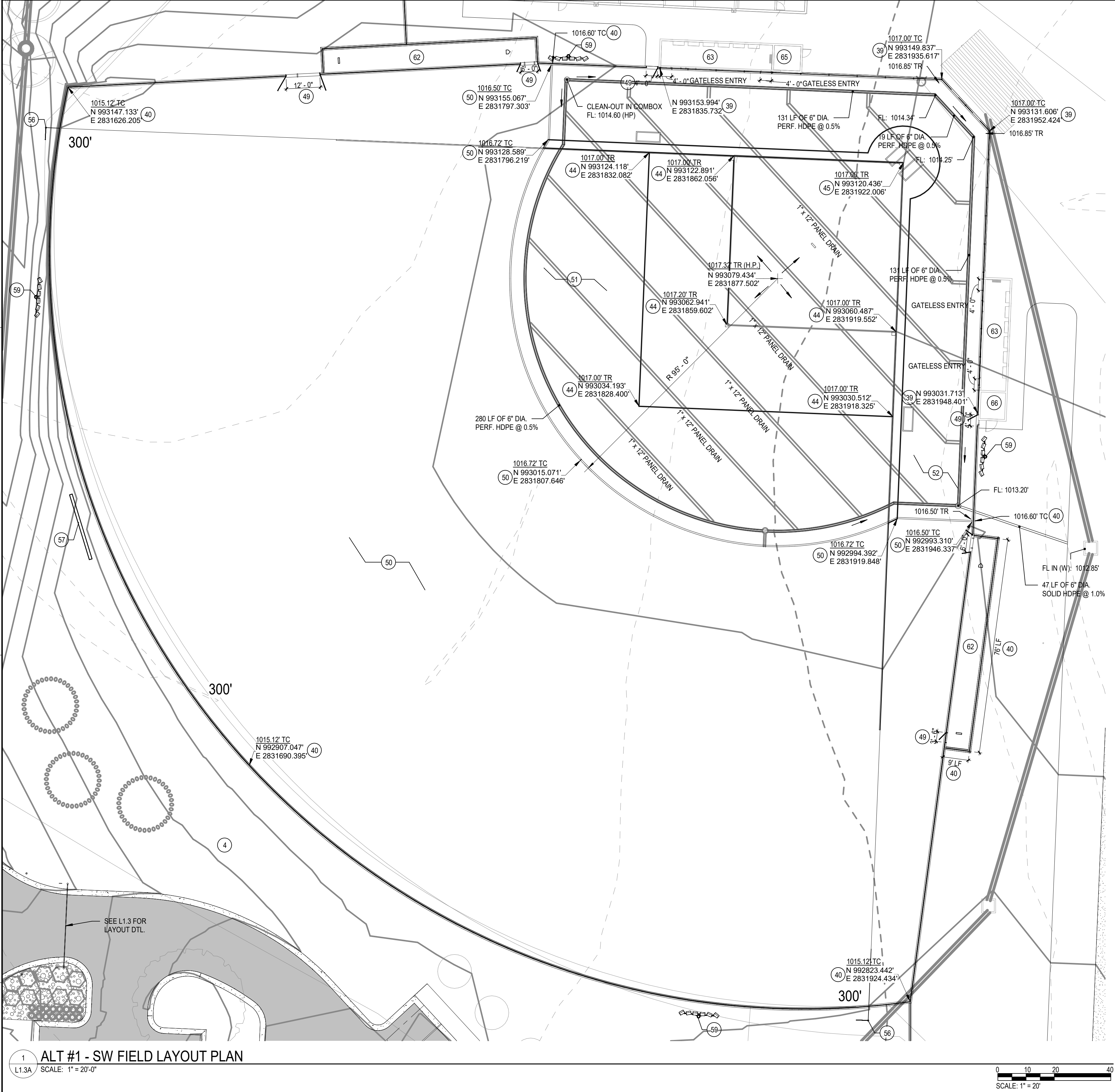
ALTERNATE
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LAYOUT PLAN

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- KEYNOTE LEGEND**
SCALE: 1/8" = 1'-0"

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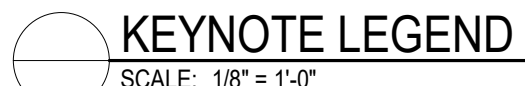
LAYOUT NOTES:

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3. PAVING DIMENSIONS ARE TO BACK OF CURB UNLESS OTHERWISE NOTED.
4. ALL WORK WILL BE IN ACCORDANCE WITH OSHA CODES AND STANDARDS. NOTHING INDICATED ON THESE DRAWINGS SHALL RELIEVE THE CONTRACTOR FROM COMPLYING WITH ANY APPROPRIATE SAFETY REGULATIONS.
5. VERIFY LAYOUT COORDINATES PRIOR TO CONSTRUCTION.
6. CONTRACTOR TO SUPPLY AND INSTALL ALL REQUIRED SLEEVES UNDER PAVING AND WALKS.
7. PLACE EXPANSION JOINTS AT VERTICAL ELEMENTS (BUILDING, COLUMNS, WALLS, BACK OF CURBS, ETC.) AND AT CHANGES IN GRADE AND DIRECTION AND APPROXIMATELY EVERY 30 LINEAR FEET.
8. WHERE NEW PAVEMENTS ARE CALLED FOR, PROVIDE AN EXPANSION JOINT AROUND ALL EXISTING UTILITIES, MANHOLES, POLES, LIGHTS, ETC.
9. SAWCUT JOINTS BETWEEN CRITICAL POINTS ARE TO BE EQUALLY SPACED, OR AS SHOWN ON DRAWINGS.
10. CONTRACTOR TO CONFIRM HORIZONTAL CONTROL POINTS IN THE FIELD. CONTRACTOR TO VERIFY HORIZONTAL CONTROL POINTS WITH HORIZONTAL COORDINATE POINTS.
11. ALL EXPOSED CONCRETE WALLS AND FOOTINGS TO HAVE A CONSISTENT RUBBED FINISH. CONTRACTOR TO PROVIDE MINIMUM 4 SQUARE FEET MOCK-UP FOR REVIEW AND APPROVAL.
12. CONTRACTOR TO PROVIDE MOCK-UP (4'X4') OF ALL PAVEMENT TYPES FOR REVIEW AND APPROVAL. ALL CONCRETE SIDEWALKS TO HAVE BROOM FINISH. UNLESS OTHERWISE INDICATED, MOCK-UP TO REMAIN ON SITE THROUGHOUT CONSTRUCTION.
13. ALL EXTERIOR GROUND OR BUILDING MOUNTED EQUIPMENT, INCLUDING BUT NOT LIMITED TO MECHANICAL EQUIPMENT, UTILITY METER BANKS, AND COOLERS, SHALL BE SCREENED FROM PUBLIC VIEW WITH LANDSCAPING OR AN ARCHITECTURAL TREATMENT COMPATIBLE WITH THE BUILDING ARCHITECTURE.
14. ALL ON-SITE WIRING AND CABLES SHALL BE PLACED UNDERGROUND.
15. ABBREVIATIONS:
TC = TOP OF CONCRETE
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KEYNOTE LEGEND

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- 3 PLANTING AREA, SEE LANDSCAPE PLAN
- 4 SOD, SEE LANDSCAPE PLAN
- 5 BED EDGER, RE: 5/L4.0
- 6 FLAGPOLE, RE: 6/L4.0
- 7 SEATWALL, RE: 7/L4.0
- 8 WASTE RECEPTACLE, RE: SPECS
- 9 BIKE RACKS, RE: 8/L4.0
- 10 MONUMENT SIGN, RE: 1/L4.3
- 11 RETAINING WALL WITH SLEEVE-IT SYSTEMS AND 4" HEIGHT GUARDRAIL SYSTEM, RE: 6/L4.1
- 12 DECORATIVE BOLLARD, RE: SPECS
- 13 BOLLARD, RE: 10/L4.1
- 14 HEAVY-DUTY PAVEMENT, RE: CIVIL
- 15 BUILDING MOWSTRIP, RE: 11/L4.0
- 16 6' HT. ORNAMENTAL FENCE WITH MOWSTRIP, RE: 7/L4.1
- 17 6' HT. ORNAMENTAL GATE, RE: 8/L4.1
- 18 6' HT. PVC COATED CHAIN LINK FENCE, RE: 4/L4.1
- 19 6' HT. PVC COATED CHAIN LINK GATE, RE: 5/L4.1
- 20 DECORATIVE GUARDRAIL, SIM TO: 1/L4.1
- 21 STAIRS WITH HANDRAILS, RE: 15/L4.0
- 22 RAMP WITH HANDRAILS, RE: 1/L4.1
- 23 6' HT. ORNAMENTAL GUARDRAIL, SIM TO: 7/L4.1
- 24 6' HT. CHAINLINK GUARDRAIL, SIM TO: 4/L4.1
- 25 FOOTBALL FIELD SCOREBOARD, RE: SPECS
- 26 FOOTBALL FIELD GOALPOST, RE: 1/L4.2
- 27 8' BALLFIELD CHAINLINK FENCE @ RETAINING WALL, RE: 10/L4.2
- 28 LONG/TRIPLE SAND PIT, RE: 2/L4.2
- 29 LONG/TRIPLE RUNWAY, RE: 3/L4.2
- 30 DISCUS PAD AND CAGE, RE: 4/L4.2
- 31 SHOT-PUT, RE: 4/L4.2
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- 46 PANEL DRAIN, RE: 12/L4.2
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SCALE: 1" = 20'-0"



L1.4



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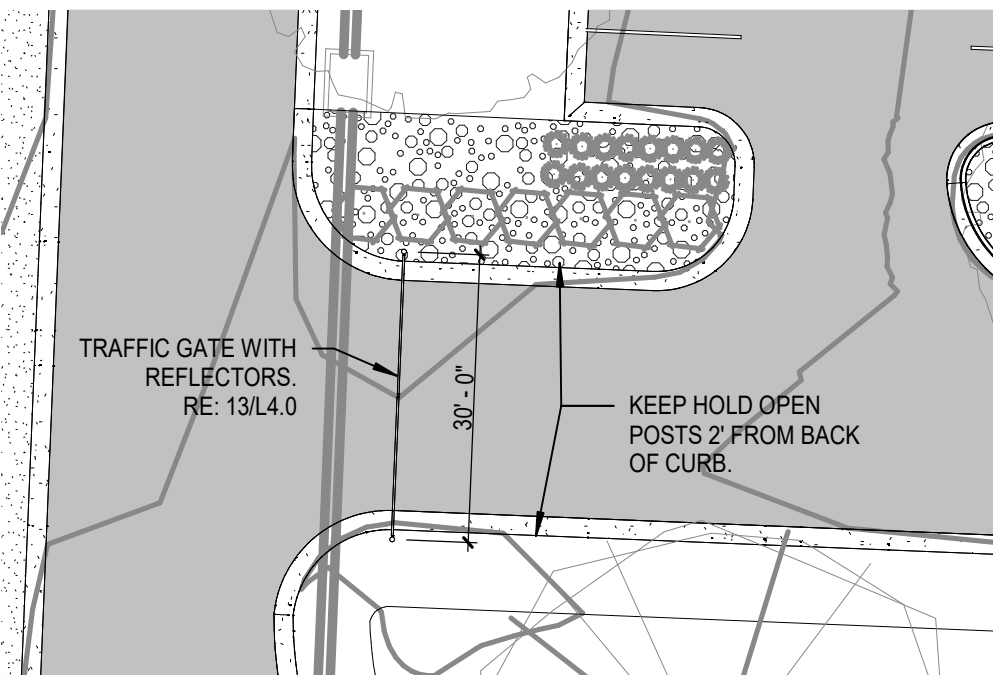
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TO = TOP OF CONCRETE
TW = TOP OF TRENCH DRAIN
GR = FINISH GRADE
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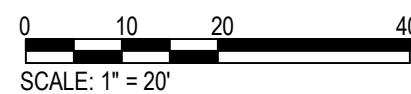
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- 4 SOD, SEE LANDSCAPE PLAN
- 5 BED EDGER, RE: 5/4.0
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- 7 SEATWALL, RE: 7/4.0
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1 ENLARGED SCHOOL LAYOUT PLAN
SCALE: 1" = 20'-0"

2 TRAFFIC GATE
SCALE: 1" = 20'-0"






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16. ABBREVIATIONS:
TC = TOP OF CONCRETE
TD = TOP OF TRENCH DRAIN
TW = TOP OF WALL
OR = FINISH GRADE
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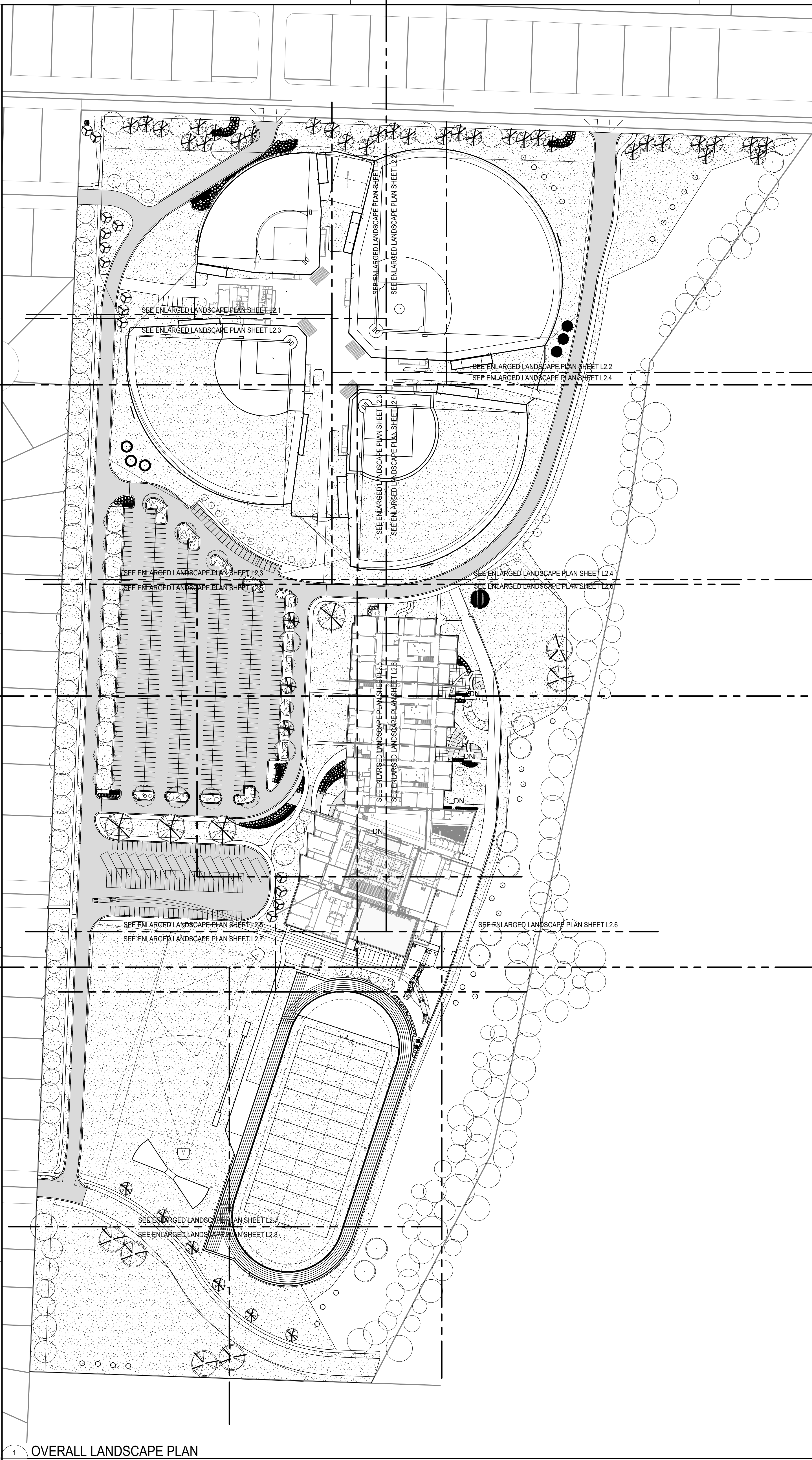


L1.7 SCALE: 1" = 20'-0"

16. ABBREVIATIONS:
TC = TOP OF CURVE
TD = TOP OF TANGENT
TW = TOP OF WHEEL
GR = FINISH GRADE
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-  **KEYNOTE LEGEND**
SCALE: 1/8" = 1'-0"

SCALE: 1/8" = 1'-0"



LANDSCAPE NOTES:

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2. CONTRACTOR SHALL VERIFY LOCATION OF ALL UTILITIES BEFORE STARTING ANY WORK.
3. EXISTING UNDERGROUND (U/G) UTILITIES AND DRAINAGE STRUCTURES HAVE BEEN PLOTTED FROM AVAILABLE INFORMATION AND THEREFORE, THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY. IT IS THE RESPONSIBILITY OF THE INDIVIDUAL CONTRACTORS TO NOTIFY THE UTILITY COMPANIES TO LOCATE UTILITIES BEFORE ACTUAL CONSTRUCTION.
4. THE CONTRACTOR WILL SHOW PROOF OF PROCUREMENT, SOURCES, QUANTITIES AND VARIETIES FOR ALL SHRUBS, PERENNIALS, ORNAMENTAL GRASSES, AND ANNUALS.
5. SUBSTITUTIONS WILL BE ALLOWED ONCE THE CONTRACTOR HAS EXHAUSTED ALL SOURCES FOR THE SPECIFIED MATERIAL, AND HAS PROVEN THAT THE SPECIFIED MATERIAL IS NOT AVAILABLE. THE CONTRACTOR MUST PROVIDE NAME AND VARIETY OF SUBSTITUTION IN THE SUBSTITUTION REQUEST FORM TO THE LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO TAGGING OR PLANTING. SUBSTITUTIONS WILL BE NEAREST EQUIVALENT SIZE OF VARIETY OF PLANT HAVING SAME ESSENTIAL CHARACTERISTICS.
6. SIZE AND QUALITY OF PLANT MATERIAL WILL CONFORM TO AMERICAN STANDARDS FOR NURSERY STOCK, ANSI 260-1992, OR MOST RECENT EDITION.
7. ALL PLANT MATERIAL WILL BE NURSERY GROWN, SOUND, HEALTHY, VIGOROUS AND FREE FROM INSECTS, DISEASE AND INJURIES, WITH HABIT OF GROWTH THAT IS NORMAL FOR THE SPECIES. SIZES WILL BE EQUAL TO OR EXCEEDING SIZES INDICATED ON THE PLANT LIST. THE CONTRACTOR WILL SUPPLY PLANTS IN QUANTITY AS SHOWN ON THE DRAWINGS.
8. THE CONTRACTOR WILL BE RESPONSIBLE FOR ENSURING POSITIVE SURFACE DRAINAGE IS PROVIDED IN ALL PLANTING AND TURF AREAS. ALL GRADE SURFACES WILL BE FINISHED TO UNIFORM GRADES AND SLOPED IN SUCH A MANNER TO BE FREE OF DEPRESSIONS THAT CAUSE AREAS OF STANDING WATER. THE CONTRACTOR WILL REPORT ANY CONFLICTS WITH THIS REQUIREMENT TO THE LANDSCAPE ARCHITECT/OWNER FOR RESOLUTION PRIOR TO FINAL OPERATIONS.
9. THE CONTRACTOR WILL REPORT SUB-SURFACE SOIL OR DRAINAGE ISSUES TO THE LANDSCAPE ARCHITECT.
10. CONTRACTOR SHALL STAKE PLANT LOCATIONS IN THE FIELD AND HAVE APPROVAL BY THE LANDSCAPE ARCHITECT BEFORE PLANT PITS ARE EXCAVATED AND BEFORE PROCEEDING WITH INSTALLATION.
11. TREES, SHRUBS & GROUND COVERS SHALL BE LAID OUT IN A UNIFORM AND CONSISTENT PATTERN.
12. CONTRACTOR TO PLACE MULCH AROUND ALL TREES AND IN ALL PLANTING BEDS UNLESS OTHERWISE NOTED, TO A DEPTH OF 3" OR AS DESCRIBED IN THE SPECIFICATIONS. ALL PLANTING BEDS TO BE SEPARATED FROM LAWN AREAS WITH SPECIFIED EDGING OR CONCRETE CURB EDGE PER DRAWINGS.
13. ELEVATION OF TOP OF MULCH SHALL BE 1/2" MIN. BELOW ANY ADJACENT PAVEMENT OR 2" MIN. BELOW FINISHED FLOOR ELEVATION.
14. ALL SHRUB BEDS SHALL BE MULCHED WITH SPECIFIED ORGANIC OR DECORATIVE AGGREGATE MULCH AND SEPARATED FROM LAWN AREAS WITH SPECIFIED EDGING OR CONCRETE CURB EDGE PER DRAWINGS.
15. CONTRACTOR SHALL FINE GRADE AND SEED ALL AREAS DISTURBED DURING CONSTRUCTION AND ESTABLISH NEW LAWN AREA, NOT DESIGNATED FOR SOD, NATIVE MEADOW, OR PLANTING BEDS. CONTRACTOR TO SEED ALL AREAS WITHIN CONTRACT LIMITS NOT COVERED BY PAVING, BUILDINGS, OR PLANTING BEDS UNLESS OTHERWISE NOTED.
16. CONTRACTOR SHALL BE RESPONSIBLE FOR CALCULATING ACTUAL AREAS OF SEED AND QUANTITIES REQUIRED FOR COVERAGE.
17. ALL PLANT MATERIALS DELIVERED TO THE SITE FOR APPROVAL AND INSTALLATION SHALL BE IDENTIFIED AND TAGGED. TO ENSURE THE PLANTS PROVIDED ARE AS SPECIFIED, PLANTS SHALL BE APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
18. ALL TREES SHALL BE CALLIPEPED AND UNDERSIZED TREES SHALL BE REJECTED.
19. PLANT QUANTITIES ARE PROVIDED FOR CONTRACTOR CONVENIENCE ONLY. PROVIDE AND INSTALL ALL PLANTS SHOWN ON THE PLANTING PLANS.
20. SPACING OF ALL PLANTINGS TO BE AS SHOWN ON PLANS.
21. ALL LANDSCAPE AREAS AND PLAYING FIELD AREAS TO HAVE A MINIMUM OF 6" TOPSOIL.
22. ALL TURF AREAS TO HAVE 4" MINIMUM OF IMPORTED TOPSOIL - SEE SPECS FOR SOIL AMENDMENTS.
23. PROVIDE, INSTALL, AND INCORPORATE SOIL AMENDMENTS PER RECOMMENDATIONS PER THE SOILS REPORT.

PLANTING REQUIREMENTS

SEC. 8.790 - LANDSCAPING-MIN. REQUIREMENTS

STREET FRONTAGE:

- ONE TREE SHALL BE PLANTED FOR EACH 30 FEET OF STREET FRONTAGE. MIN. 20' WIDE LANDSCAPE STRIP SHALL BE PROVIDED ALONG THE LENGTH OF ANY STREET FRONTAGE
- ONE SHRUB SHALL PROVIDED FOR EACH 20' OF STREET FRONTAGE

STREET FRONTAGE PLANTING PROVIDED:

- 1360 LINEAR FEET OF STREET FRONTAGE / 30' = 45 TREES
- 1360 LINEAR FEET OF STREET FRONTAGE / 20' = 68 SHRUBS

- 46 DECIDUOUS TREES PROVIDED
- 68 SHRUBS PROVIDED

SECTION 8.810 - PARKING LOT LANDSCAPING AND TREES

- A LANDSCAPING ISLAND SHALL BE LOCATED AT THE END OF EVERY PARKING BAY BETWEEN THE LAST PARKING SPACE AND ADJACENT TRAVEL AISLE OR DRIVEWAY NO LESS THAN 9' WIDE & 1/2 THE LENGTH OF THE ADJACENT PARKING.

TOTAL

- 513 PARKING STALLS (Does not include bus & overflow)
- 8 PARKING BAYS = 8 LANDSCAPING ISLANDS REQUIRED

SECTION 8.790 B.1 OPEN YARD SHRUB REQ.

- MINIMUM OF 2 SHRUBS PER 5,000 SQUARE FEET OF TOTAL LOT AREA REQUIRED
- TOTAL LOT AREA: 117,130 SF / 5,000 SF = 23.5 x 2 (SHRUBS/5,000 SF) = 47 TOTAL SHRUBS REQUIRED
- TOTAL SHRUBS PROVIDED: 425
- MINIMUM OF 1 TREE FOR EVERY 5,000 SQUARE FEET OF LOT AREA REQUIRED
- TOTAL LOT AREA: 117,130 SF / 5,000 SF = 23.5 TOTAL TREES REQUIRED
- TOTAL TREES PROVIDED: 130

SECTION 8.810 A. PARKING LOT LANDSCAPE ISLANDS

- LANDSCAPE ISLANDS, STRIPS OR OTHER PLANTING AREAS SHALL BE LOCATED WITHIN THE PARKING LOT AND SHALL CONSTITUTE AT LEAST 5% OF THE ENTIRE AREA DEVOTED TO PARKING SPACES
- ENTIRE PARKING AREA: 266,995 SF
- LANDSCAPE AREA WITHIN PARKING AREA: 38,450 SF
- 38,450 SF / 266,995 SF = 14.4% TOTAL PARKING AREA DESIGNATED FOR PLANTING

DECIDUOUS TREES	Botanical/Common	Cont	Cal	Size	Quantity	Remarks
AS	Acer saccharum 'Autumn Splendor' / Autumn Splendor Sugar Maple	-	3" Cal.		33	
BH	Betula nigra 'Heritage' / Heritage River Birch	-	3" Cal.		6	
CA	Carpinus caroliniana 'Autumn Fire' / Autumn Fire American Hornbeam	-	3" Cal.		35	
CP	Celtis occidentalis 'Prairie Pride' / Prairie Pride Hackberry	-	3" Cal.		10	
LF	Liriodendron tulipifera 'Fastigiata' / Tulip Tree	-	3" Cal.		4	
QB	Quercus bicolor / Swamp White Oak	-	3" Cal.		10	
QC	Quercus bicolor 'Bonnie and Mike' TM / Beacon Oak	-	3" Cal.		12	
EVERGREEN TREES	Botanical/Common	Cont	Cal	Size	Quantity	Remarks
JB	Juniperus chinensis 'Wichita Blue' / Wichita Blue Juniper	-	7-8"		21	
PF	Picea pungens 'Fat Albert' / Colorado Spruce	-	8'-10' HT.		3	
PS	Pinus strobus / White Pine	-	8'-10' HT.		4	
TS	Pinus strobus 'Fastigiata' / Columar White Pine	-	8'-10' HT.		29	
ORNAMENTAL TREES	Botanical/Common	Cont	Cal	Size	Quantity	Remarks
AA	Amelanchier arborea 'Autumn Brilliance' / Downy Serviceberry	-	2"		3	
MG	Magnolia virginiana 'Green Shadow' / Green Shadow Magnolia	-	2"		12	
SB	Magnolia virginiana 'Silver Mist' / Sweet Bay	-	2"		12	
MS	Malus x 'Spring Snow' / Spring Snow Crabapple	-	2"		14	
SI	Syringa reticulata 'Ivory Silk' / Ivory Silk Japanese Tree Lilac	-	2"		3	
Grasses	Botanical/Common	Cont			Quantity	Remarks
CL	Chasmanthium latifolium / Wood Oats	1 GAL.			35	
PERENNIAL	Botanical/Common	Cont			Quantity	Remarks
SM	Salvia x sylvestris 'May Night' / May Night Sage	1 GAL.			15	
SHRUBS	Botanical/Common	Cont			Quantity	Remarks
AI	Aronia melanocarpa 'Low Scope Mound' / Red Chokeberry	3 GAL.			6	
CH	Callicarpa x 'NCCX2' TM / Pearl Glam Beauty Berry	3 GAL.			77	
FB	Fothergilla gardenii 'Blue Mist' / Blue Mist Fothergilla	3 GAL.			35	
HA	Hydrangea quercifolia 'Amethyst' / Amethyst Oakleaf Hydrangea	3 GAL.			26	
HS	Hydrangea quercifolia 'Sike's Dwarf' / Sike's Dwarf Oakleaf Hydrangea	3 GAL.			19	
EVERGREEN SHRUBS	Botanical/Common	Cont			Quantity	Remarks
BG	Buxus x 'Green Mountain' / Green Mountain Boxwood	3 GAL.			26	
JG	Juniperus chinensis 'Gold Coast' TM / Gold Coast Juniper	5' Height...			19	
JO	Juniperus virginiana 'Grey Owl' / Grey Owl Juniper	3 GAL.			103	

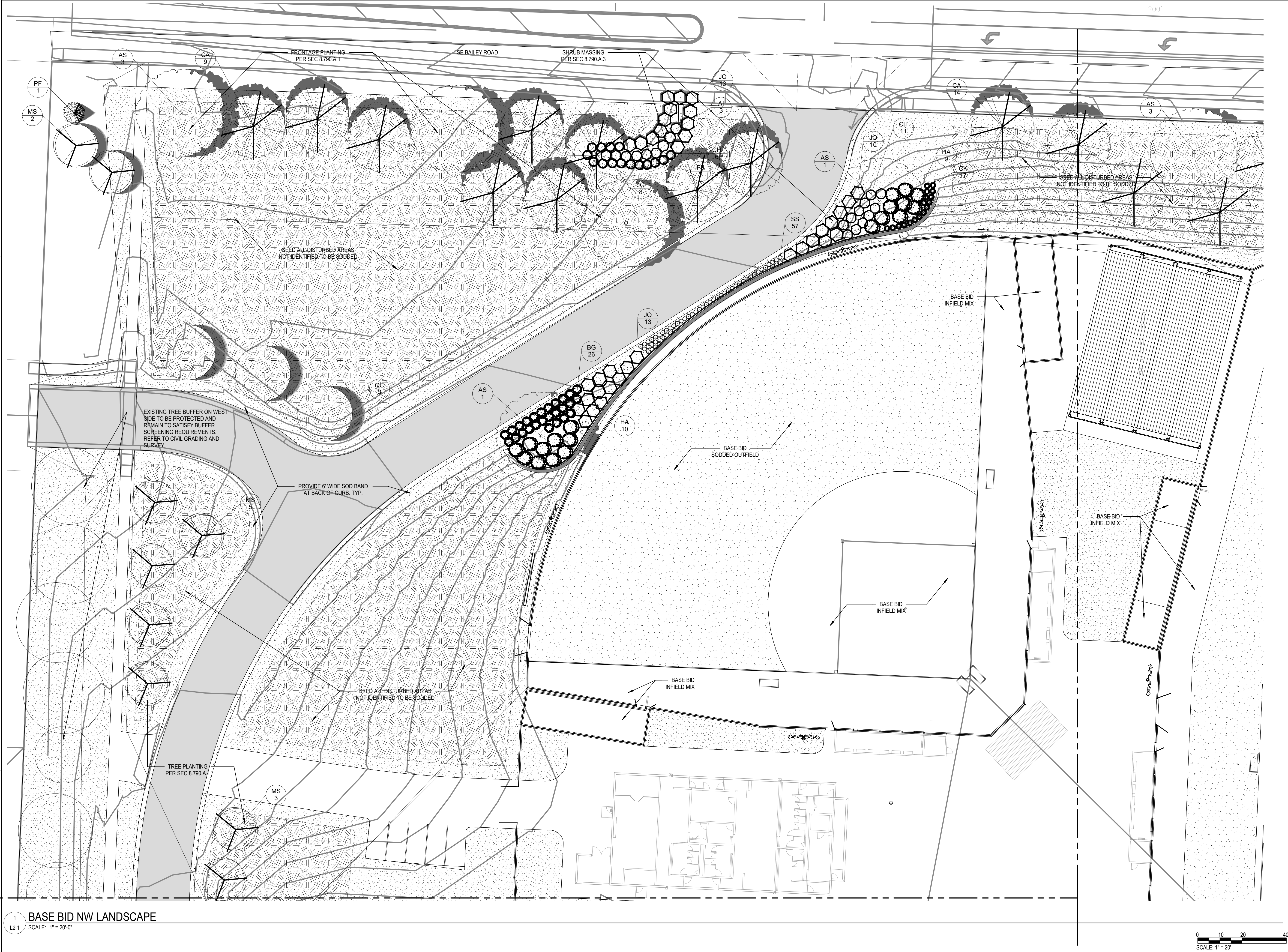
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= SEED. RE: SPECS

=AGGREGATE MULCH. RE: SPECS

SOD LEGEND
SCALE: 3/32" = 1'-0"

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DECIDUOUS TREES	Botanical/Common	Cont	Cal	Size	Quantity	Remarks
AS	Acer saccharum 'Autumn Splendor' / Autumn Splendor Sugar Maple	-	3" Cal.		33	
BH	Betula nigra 'Heritage' / Heritage River Birch	-	3" Cal.		6	
CA	Carpinus caroliniana 'Autumn Fire' / Autumn Fire American Hornbeam	-	3" Cal.		35	
CP	Celtis occidentalis 'Prairie Pride' / Prairie Pride Hackberry	-	3" Cal.		10	
LF	Liriodendron tulipifera 'Fastigiata' / Tulip Tree	-	3" Cal.		4	
OB	Quercus bicolor / Swamp White Oak	-	3" Cal.		10	
QC	Quercus bicolor 'Bonnie and Mike' TM / Beacon Oak	-	3" Cal.		12	
EVERGREEN TREES	Botanical/Common	Cont	Cal	Size	Quantity	Remarks
JB	Juniperus chinensis 'Wichita Blue' / Wichita Blue Juniper	-		7-8"	21	
PF	Picea pungens 'Fat Albert' / Colorado Spruce	-		8'-10' HT.	3	
PS	Pinus strobus / White Pine	-		8'-10' HT.	4	
TS	Pinus strobus 'Fastigiata' / Columnar White Pine	-		8'-10' HT.	29	
ORNAMENTAL TREES	Botanical/Common	Cont	Cal	Size	Quantity	Remarks
AA	Amelanchier arborea 'Autumn Brilliance' / Downy Serviceberry	-		2"	3	
MG	Magnolia virginiana 'Green Shadow' / Green Shadow Magnolia	-		2"	12	
SB	Magnolia virginiana 'Silver Mist' / Sweet Bay	-		2"	12	
MS	Malus x 'Spring Snow' / Spring Snow Crabapple	-		2"	14	
SI	Syringa reticulata 'Ivory Silk' / Ivory Silk Japanese Tree Lilac	-		2"	3	
Grasses	Botanical/Common	Cont			Quantity	Remarks
CL	Chasmanthium latifolium / Wood Oats	1 GAL.			35	
PERENNIAL	Botanical/Common	Cont			Quantity	Remarks
SM	Salvia x sylvestris 'May Night' / May Night Sage	1 GAL.			15	
SHRUBS	Botanical/Common	Cont			Quantity	Remarks
AI	Aronia melanocarpa 'Low Scape Mound' / Red Chokeberry	3 GAL.			6	
CH	Callicarpa x 'NCCX2' TM / Pearl Glam Beauty Berry	3 GAL.			77	
FB	Fothergilla gardenii 'Blue Mist' / Blue Mist Fothergilla	3 GAL.			35	
HA	Hydrangea quercifolia 'Amethyst' / Amethyst Oakleaf Hydrangea	3 GAL.			26	
HS	Hydrangea quercifolia 'Sike's Dwarf' / Sike's Dwarf Oakleaf Hydrangea	3 GAL.			19	
EVERGREEN SHRUBS	Botanical/Common	Cont			Quantity	Remarks
BG	Buxus x 'Green Mountain' / Green Mountain Boxwood	3 GAL.			26	
JG	Juniperus chinensis 'Gold Coast' TM / Gold Coast Juniper	5' Height...			19	
JO	Juniperus virginiana 'Grey Owl' / Grey Owl Juniper	3 GAL.			103	

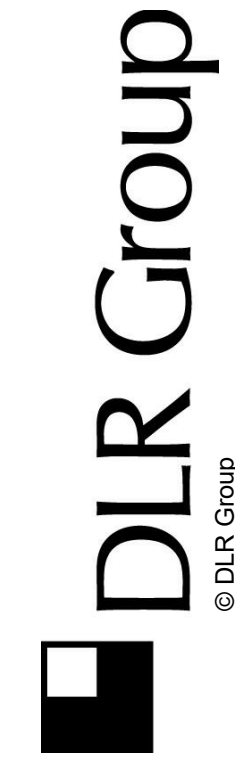
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GENERAL NOTE:
ALL FIELD STRIPING TO FOLLOW NFHS
GUIDELINES FOR RULES AND REGULATIONS

0 10 20 40
SCALE: 1" = 20'

1 ALT #1 - SOFTBALL SYNTHETIC TURF PLAN
12.1A SCALE: 1" = 20'0"



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LEE'S SUMMIT R-7 SCHOOL DISTRICT

1001 SE BAILEY ROAD
LEE'S SUMMIT, MO 64081

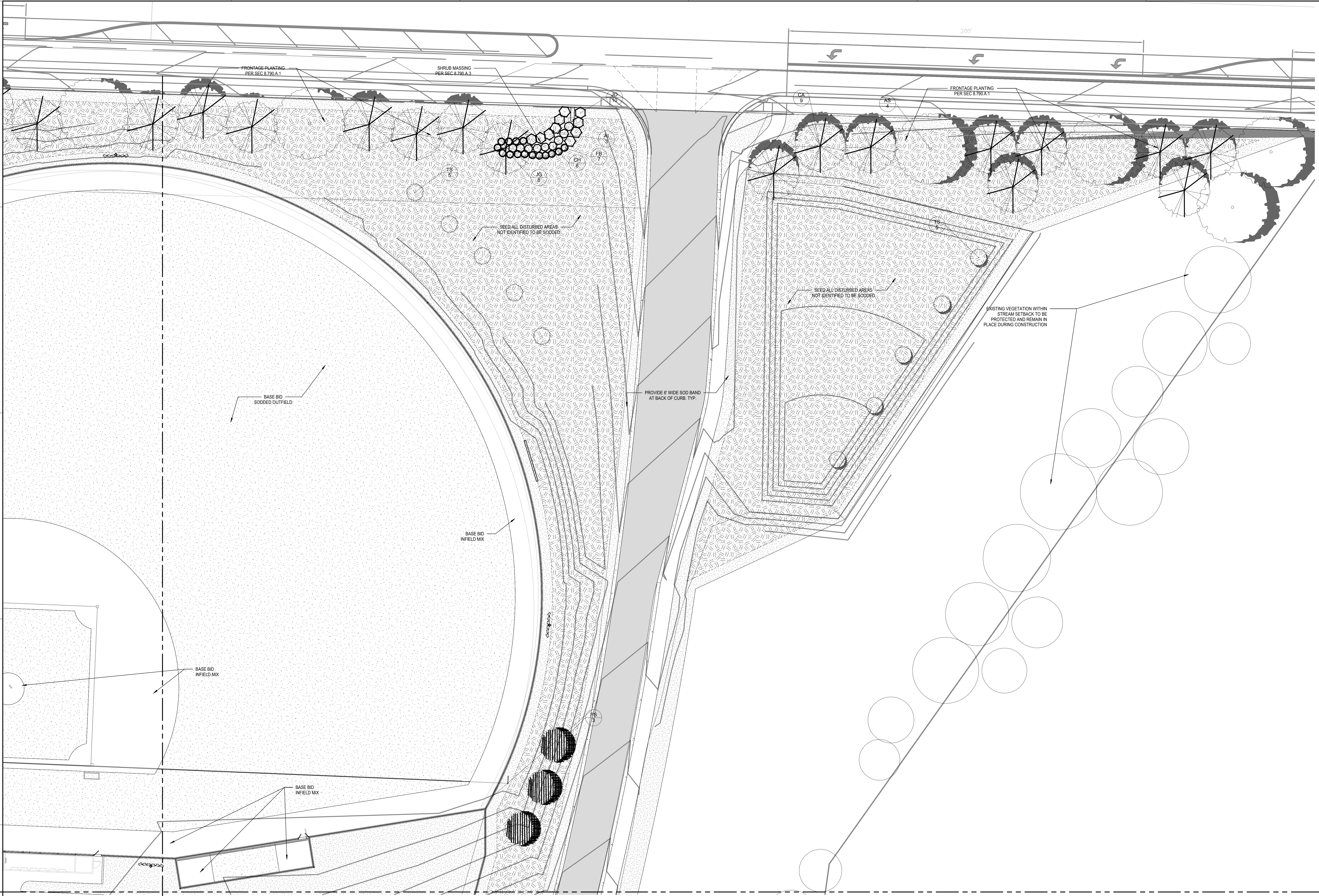
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ALTERNATE
ENLARGED
LANDSCAPE PLAN

L2.1A

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1 BASE BID NE LANDSCAPE
L2.2 SCALE: 1" = 20'-0"

GENERAL NOTE:
ALL FIELD STRIPING TO FOLLOW NFHS
GUIDELINES FOR RULES AND REGULATIONS

0 10 20 40
SCALE: 1" = 20'



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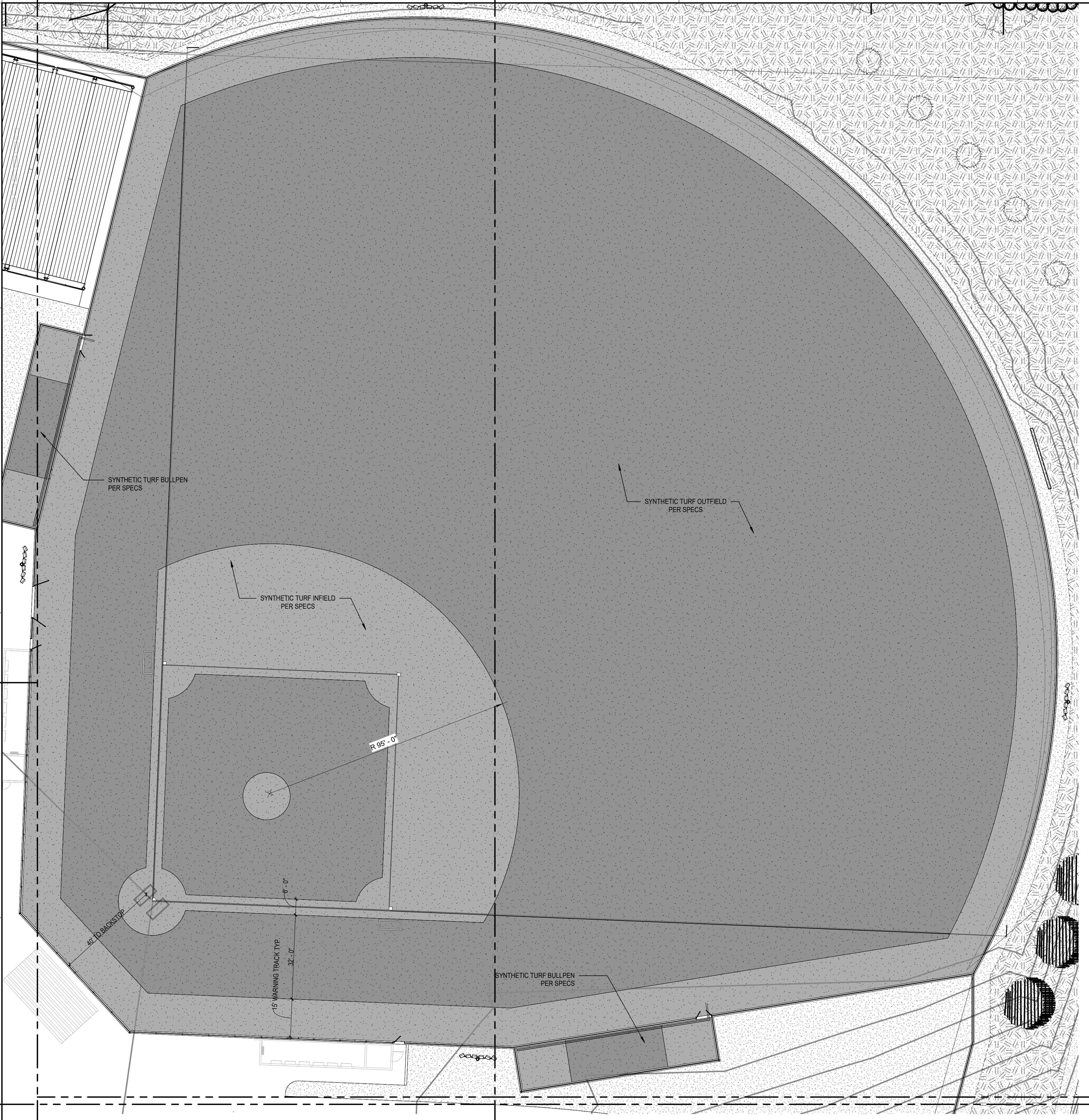
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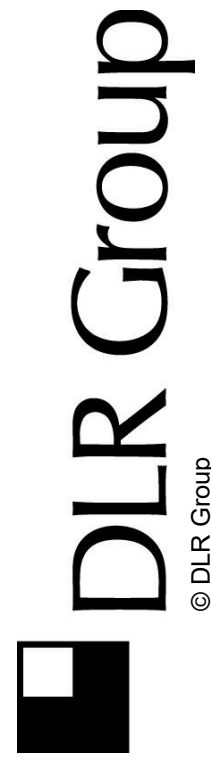
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GENERAL NOTE:
ALL FIELD STRIPING TO FOLLOW NFHS
GUIDELINES FOR RULES AND REGULATIONS

1 ALT #1 - BASEBALL SYNTHETIC TURF PLAN
L2.2A SCALE: 1"= 20'-0"



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L2.2A

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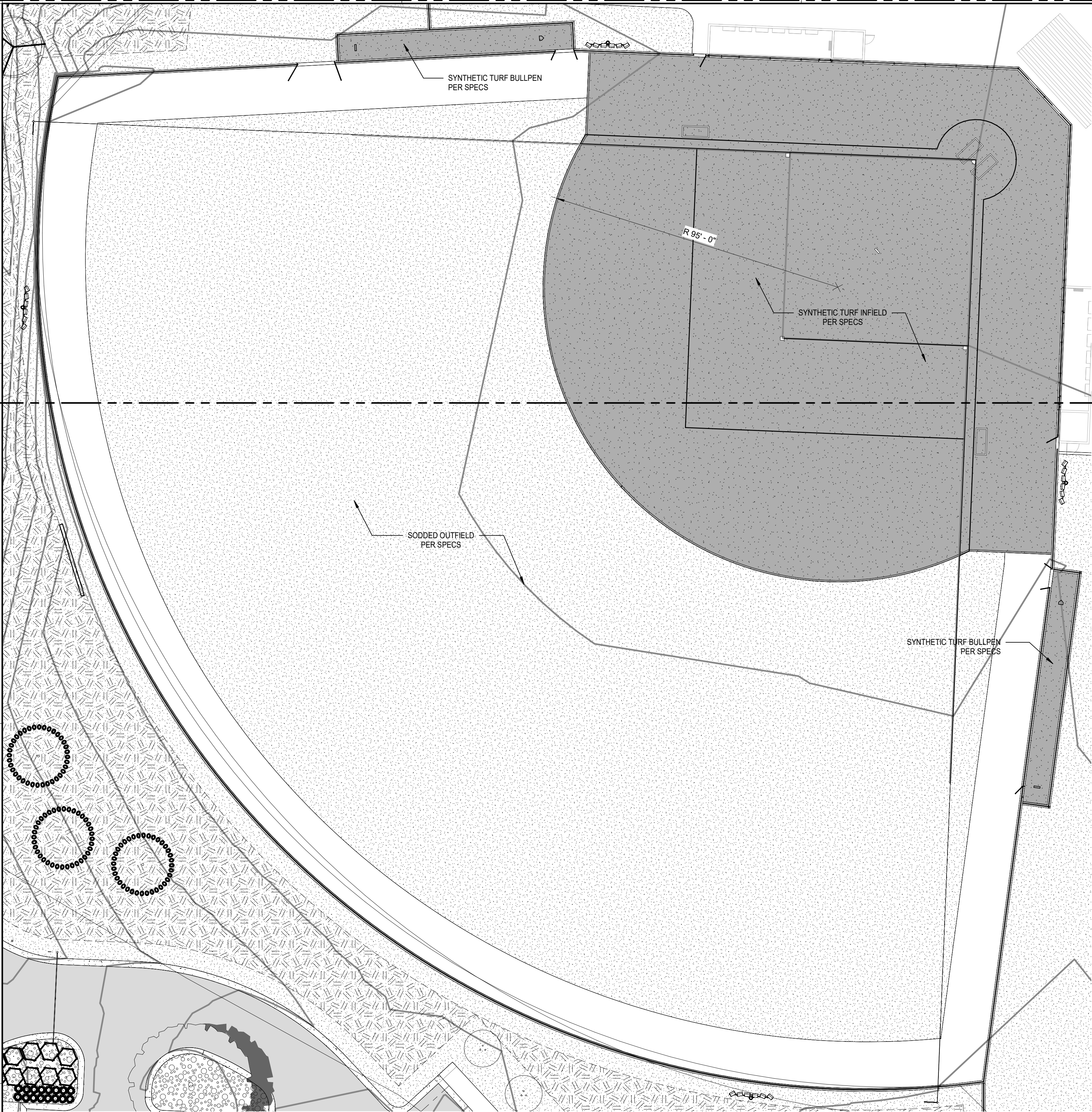
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ENLARGED
LANDSCAPE PLAN

L2.3

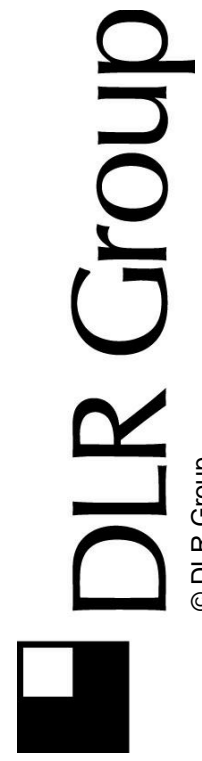
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1 ALT #1 - SW FIELD SYNTHETIC TURF PLAN
L2.3A SCALE: 1" = 20'-0"

GENERAL NOTE:
ALL FIELD STRIPING TO FOLLOW NFHS
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0 10 20 40
SCALE: 1" = 20'



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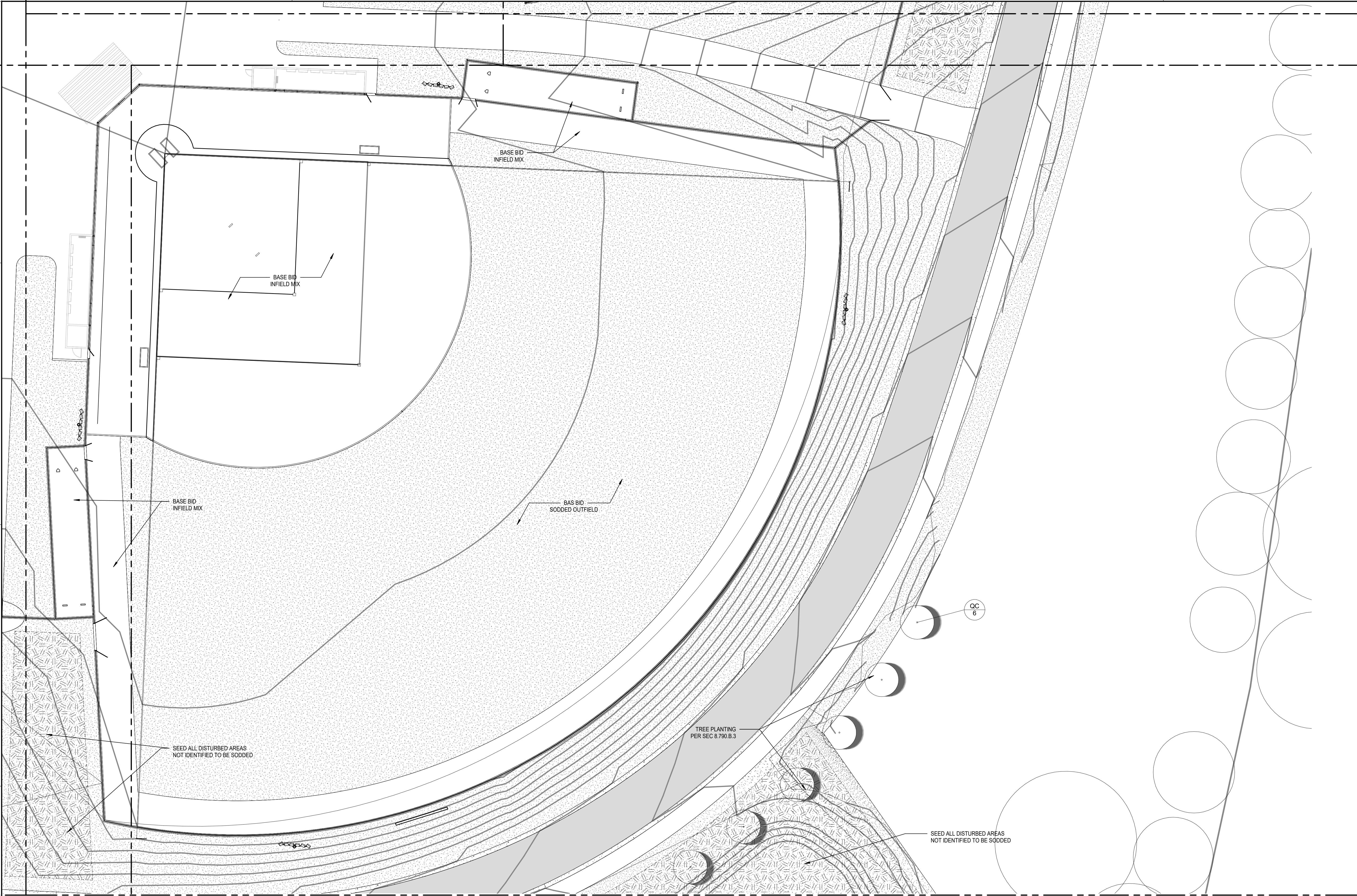
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L2.3A

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1 BASE BID SE LANDSCAPE
L2.4 SCALE: 1" = 20'-0"

GENERAL NOTE:
ALL FIELD STRIPING TO FOLLOW NFHS
GUIDELINES FOR RULES AND REGULATIONS
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SCALE: 1" = 20'



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L2.4

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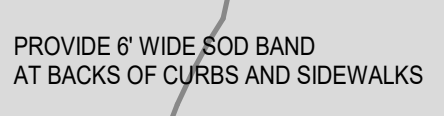
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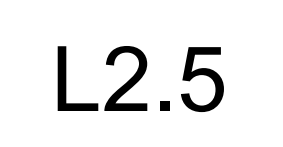
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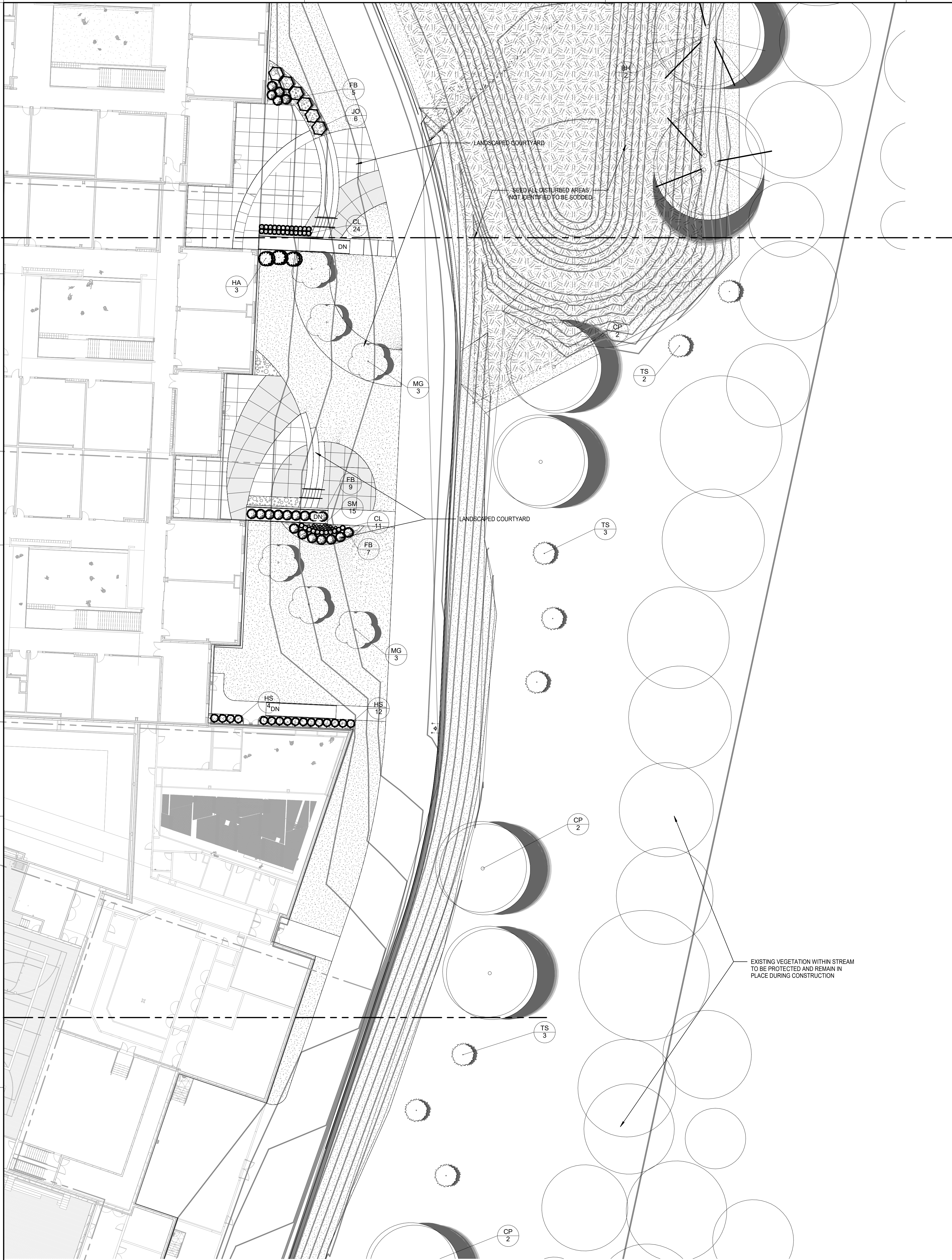




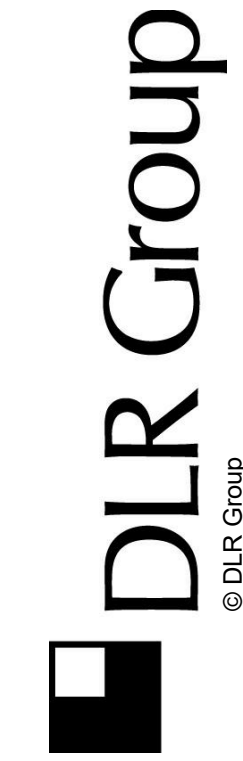
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1 ENLARGED LANDSCAPE PLAN AT OUTDOOR CLASSROOMS
12.6 SCALE: 1" = 20'-0"



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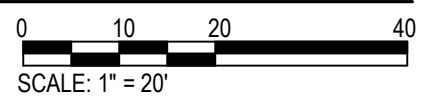
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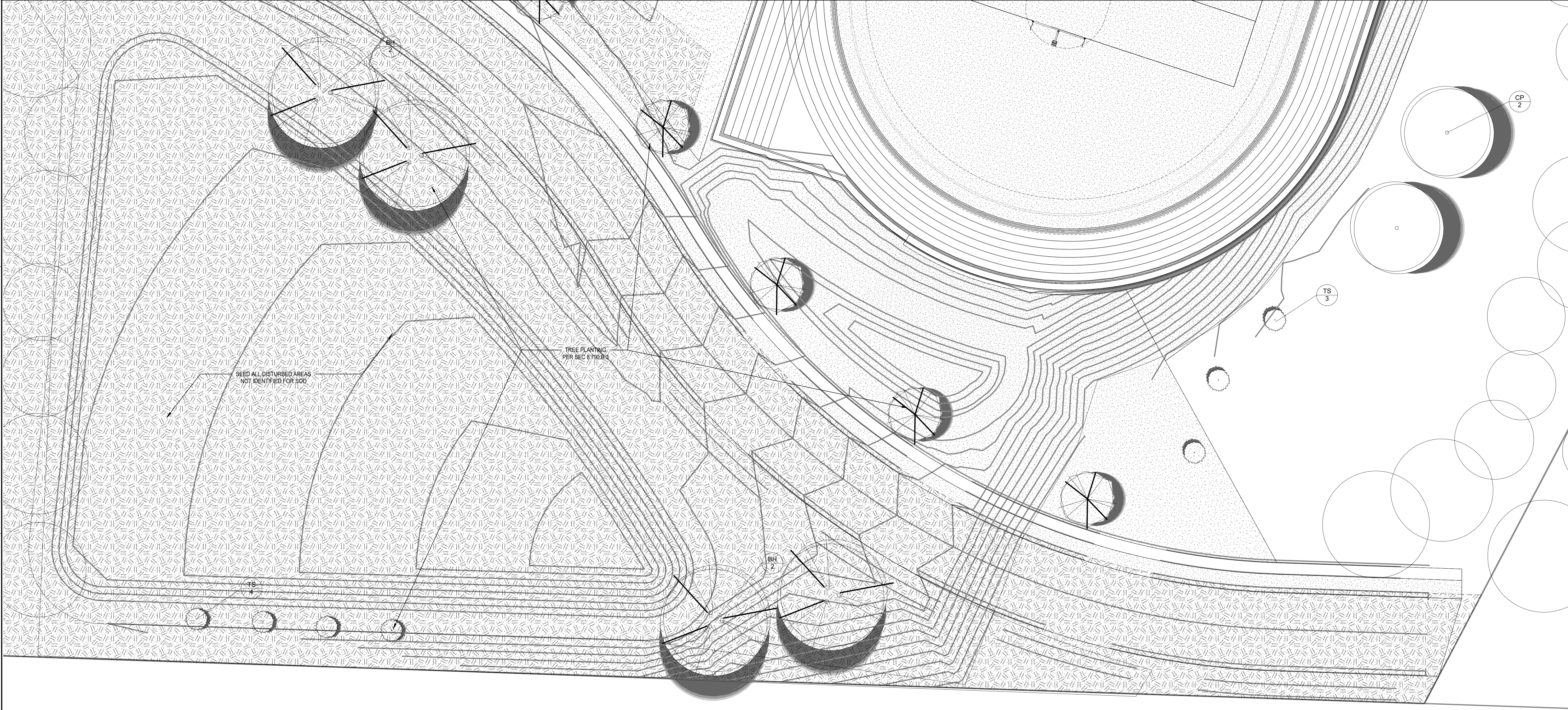
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L2.7
ENLARGED LANDSCAPE PLAN AT TRACK AND FIELD
SCALE: 1" = 20'-0"



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L2.8

ENLARGED LANDSCAPE PLAN AT TRACK AND FIELD 2
SCALE: 1" = 20'-0"



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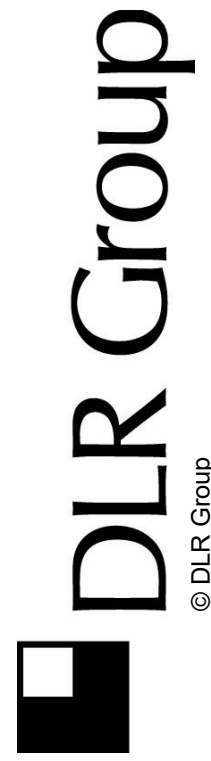
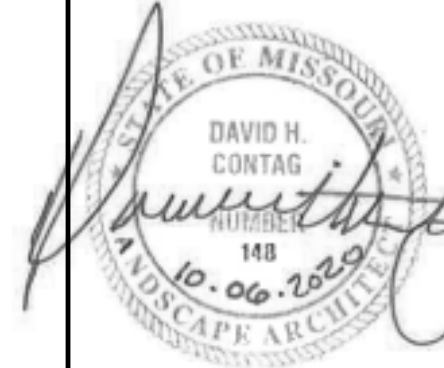
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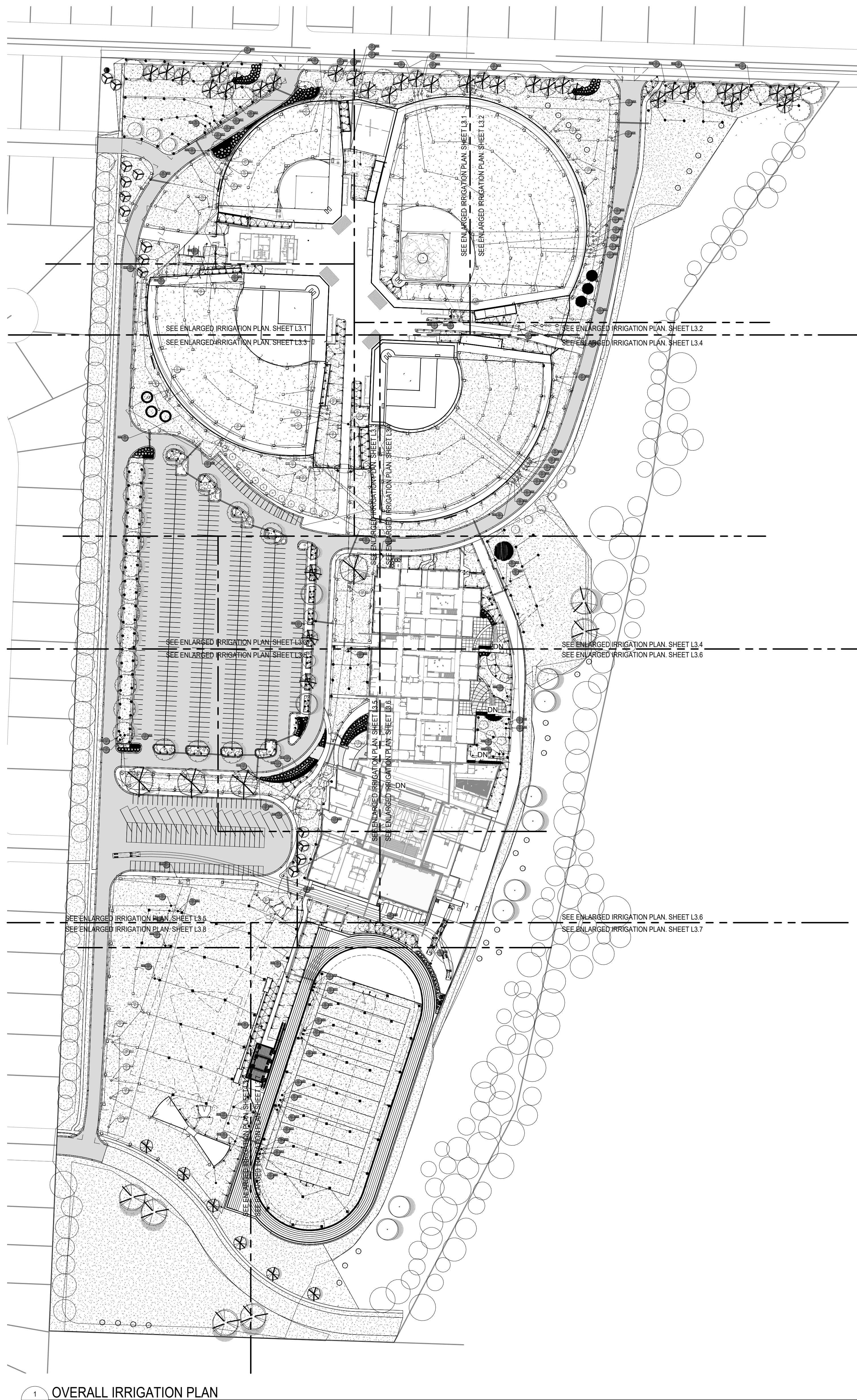
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LANDSCAPE PLAN

L2.8

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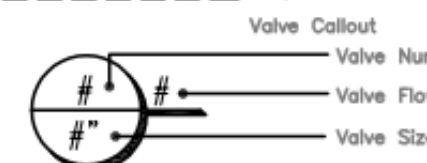
IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI
	Rain Bird 1806-SAM-PRS 10 Series MPR Turf Spray 6.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2" NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, and Pressure Regulating.	31	30
	Rain Bird 1806-SAM-PRS HE-VAN Series Turf Spray 5.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2" NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, and Pressure Regulating.	9	30
	Rain Bird 1812-SAM-PRS SQ Series Shrub Spray 12.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2" NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, and Pressure Regulating Device.	3	30
	Rain Bird 1812-SAM-PRS 15 Strip Series Shrub Spray 12.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2" NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, and Pressure Regulating Device.	9	30
	Rain Bird 1812-SAM-PRS 8 Series MPR Shrub Spray 12.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2" NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, and Pressure Regulating Device.	11	30
	Rain Bird 1812-SAM-PRS 10 Series MPR Shrub Spray 12.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2" NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, and Pressure Regulating Device.	1	30
	Rain Bird 1812-SAM-PRS 12 Series MPR Shrub Spray 12.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2" NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, and Pressure Regulating Device.	11	30
	Rain Bird 1812-SAM-PRS HE-VAN Series Turf Spray 12.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2" NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, and Pressure Regulating Device.	48	30
	Rain Bird 1812-SAM-PRS 8 F.L.T. Series MPR Shrub Spray 12.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2" NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, and Pressure Regulating Device.	5	30
	Rain Bird R-VAN-STRIP RD-06-SAM-P45 Turf Rotary, 5"x15" (LCS and RCS), 5"x30" (SST) Hand Adjustable Multi-Stream Rotary w/ RD1800 turf spray body on 6.0" pop-up, with check valve and 45 psi in-stem pressure regulator. 1/2" NPT Female Threaded Inlet.	35	45
	Rain Bird R-VAN14 RD-06-SAM-P45 Turf Rotary, 8'-14' 45-270 degrees and 360 degrees. Hand Adjustable Multi-Stream Rotary w/ RD1800 turf spray body on 6.0" pop-up, with check valve and 45 psi in-stem pressure regulator. 1/2" NPT Female Threaded Inlet.	164	45
	Rain Bird R-VAN16 RD-06-SAM-P45 Turf Rotary, 12'-18' 45-270 degrees and 360 degrees. Hand Adjustable Multi-Stream Rotary w/ RD1800 turf spray body on 6.0" pop-up, with check valve and 45 psi in-stem pressure regulator. 1/2" NPT Female Threaded Inlet.	78	45
	Rain Bird R-VAN24 RD-06-SAM-P45 Turf Rotary, 17'-24' 45-270 degrees and 360 degrees. Hand Adjustable Multi-Stream Rotary w/ RD1800 turf spray body on 6.0" pop-up, with check valve and 45 psi in-stem pressure regulator. 1/2" NPT Female Threaded Inlet.	147	45
	Rain Bird 1812-SAM-5 Series Stream SCST-B Stream Bubbler 12.0" pop up with check valve.	19	30

SYMBOL	MANUFACTURER/MODEL	QTY	PSI	GPM	RADIUS
	Rain Bird 5004-PL-PC-FC-MPR-SAM	54	45	25'	
	Rain Bird 5004-PL-PC-FC-MPR-SAM	94	45	30'	
	Rain Bird 5004-PL-PC-FC-MPR-SAM	246	45	35'	
	Rain Bird 8005	11	60	8.40	49'
	Rain Bird 8005	55	60	10.1	53'
	Rain Bird 8005	72	60	12.0	59'
	Rain Bird 8005	62	60	15.9	65'

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY
	Rain Bird PGA Globe 1", 1-1/2", 2" Electric Remote Control Valve, Globe.	125
	Rain Bird 3-RC 3/4" Brass Quick-Coupling Valve, with Corrosion-Resistant Stainless Steel Spring, Thermoplastic Rubber Cover, and 1-Piece Body.	1
	Rain Bird 300-BPE Globe 3" 3" Brass Master Valve, with Globe Configuration.	1
	Febco 825YD 2-1/2" Reduced Pressure Backflow Preventer	1
	Rain Bird ESP-LCD-LXMMSS with (1)ESPLXD-SM75 125 Station 2-Wire Ext. stainless steel metal cabinet. Flow Sensing. Specify Rain Bird pigtail with this controller.	1
	Rain Bird RSD-CEx Rain Bird Sensing Device, conduit mount. With threaded adapter, extension wire.	1
	Rain Bird SMRT-Y Soil Moisture Sensor Kit, 24VAC @ 50/60 Hz. Operating temperature: -4 degrees F to 158 degrees F. Survival temperature: -40 degrees F to 185 degrees F. UL, CUL, C-TICK certifications.	1
	Rain Bird FS-300-P (2) 3" Flow Sensor for use with Rain Bird Maxicon, SiteControl, and ESP-LXD Central Control Systems. Plastic (PVC) Model. Suggested Operating Range of 20.0 GPM to 300.0 GPM. Sensors should be sized for flow rather than pipe size.	1
	Watertronics WaterMax 5000 Quickship Single pump centrifugal self-enclosed VFD pump station, 7.5 HP, 460V/3phase, max. flow at 120 GPM. Assume 45PSI dynamic input with a 65 PSI pressure boost. UL listed packaged pump station, delivers in 3 week or less, pressure drop, flow based and 24 VAC remote start relay.	1

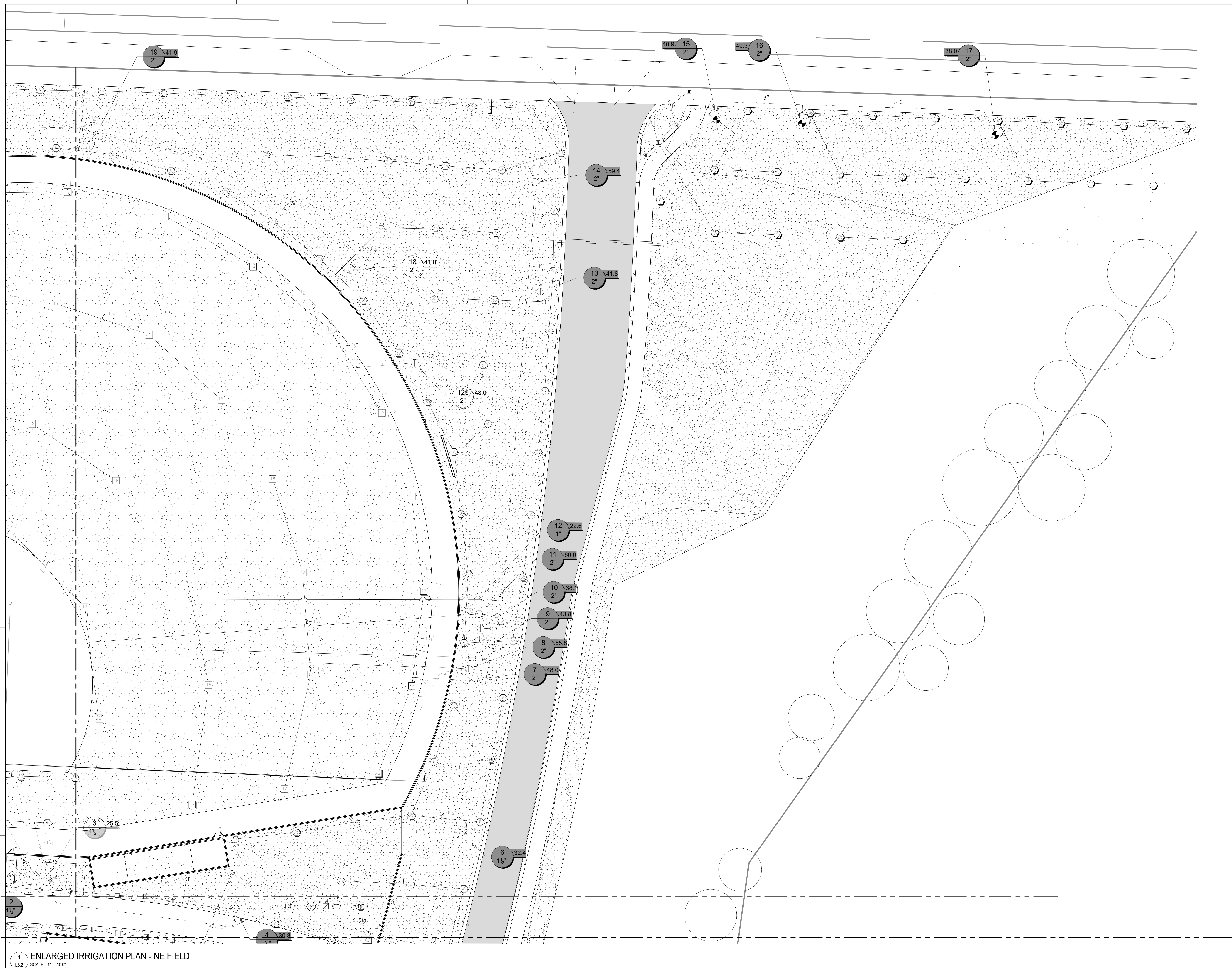
-----	Irrigation Lateral Line: PVC Class 200 SDR 21	33,905 l.f.
-----	Irrigation Mainline: HDPE PE4710 DR 17	8,726 l.f.
-----	Pipe Sleeve: PVC Class 200 SDR 21	1,238 l.f.



VALVE SCHEDULE

NUMBER	MODEL	SIZE	TYPE	GPM	WIRE	PSI	PSI @ POC	PRECIP
1	Rain Bird PGA Globe	1"	Turf Rotary	6.08	244.5	51.34	65.37	0.44 in/h
2	Rain Bird PGA Globe	1-1/2"	Turf Rotar	30.56	237.5	49.55	63.61	0.68 in/h
3	Rain Bird PGA Globe	1-1/2"	Turf Rotar	25.53	230.5	49.33	63.31	0.67 in/h
4	Rain Bird PGA Globe	1-1/2"	Turf Rotary	30.80	126.2	46.15	61.71	0.44 in/h
5	Rain Bird PGA Globe	1-1/2"	Turf Rotar	32.32	72.4	49.22	62.97	0.67 in/h
6	Rain Bird PGA Globe	1-1/2"	Turf Rotar	32.40	135.3	48.59	64.06	0.65 in/h
7	Rain Bird PGA Globe	2"	Turf Rotar	48.00	226.7	64.10	81.87	0.81 in/h
8	Rain Bird PGA Globe	2"	Turf Rotar	55.80	233.4	66.44	84.22	0.46 in/h
9	Rain Bird PGA Globe	2"	Turf Rotar	43.80	239.1	64.91	82.94	0.51 in/h
10	Rain Bird PGA Globe	2"	Turf Rotar	38.06	255.8	49.14	67.53	0.64 in/h
11	Rain Bird PGA Globe	2"	Turf Rotar	60.00	265.5	67.39	85.88	0.99 in/h
12	Rain Bird PGA Globe	1"	Turf Rotar	22.57	276.5	53.24	71.93	0.69 in/h
13	Rain Bird PGA Globe	2"	Turf Rotar	41.79	445.1	47.16	68.48	0.61 in/h
14	Rain Bird PGA Globe	2"	Turf Rotar	59.41	497.2	50.09	71.52	0.63 in/h
15	Rain Bird PGA Globe	2"	Turf Rotar	40.88	629.8	48.18	69.95	0.59 in/h
16	Rain Bird PGA Globe	2"	Turf Rotar	49.33	689.3	48.28	70.46	0.60 in/h
17	Rain Bird PGA Globe	2"	Turf Rotar	37.98	795.1	48.24	71.29	0.62 in/h
18	Rain Bird PGA Globe	2"	Turf Rotar	41.79	502.8	48.12	71.05	0.64 in/h
19	Rain Bird PGA Globe	2"	Turf Rotar	41.91	671.7	47.79	72.77	0.61 in/h
20	Rain Bird PGA Globe	2"	Turf Rotar	63.60	774.7	66.95	92.72	0.43 in/h
21	Rain Bird PGA Globe	2"	Turf Rotar	60.00	783.1	65.55	91.36	0.75 in/h
22	Rain Bird PGA Globe	2"	Turf Rotar	47.70	791.1	66.56	92.59	0.38 in/h
23	Rain Bird PGA Globe	2"	Turf Rotar	43.02	889.2	47.87	74.38	0.65 in/h
24	Rain Bird PGA Globe	1"	Turf Rotary	18.65	896.3	54.05	80.52	0.47 in/h
25	Rain Bird PGA Globe	1-1/2"	Turf Rotar	45.27	937.4	66.33	93.04	1.25 in/h
26	Rain Bird PGA Globe	1-1/2"	Turf Rotar	30.30	944.8	65.83	92.50	0.61 in/h
27	Rain Bird PGA Globe	1-1/2"	Turf Rotar	42.00	950.5	68.19	94.93	0.35 in/h
28	Rain Bird PGA Globe	1"	Shrub Spray	17.51	949.7	36.77	63.43	1.11 in/h
29	Rain Bird PGA Globe	1-1/2"	Turf Rotar	28.59	1,215	50.06	77.25	0.60 in/h
30	Rain Bird PGA Globe	1-1/2"	Turf Rotar	25.28	1,114	47.63	74.51	0.56 in/h
31	Rain Bird PGA Globe	1-1/2"	Turf Rotar	41.71	1,153	52.18	79.08	0.56 in/h
32	Rain Bird PGA Globe	1-1/2"	Turf Rotar	34.13	1,173	50.74	77.80	0.59 in/h
33	Rain Bird PGA Globe	1-1/2"	Turf Rotar	34.13	1,203	50.21	77.10	0.64 in/h
34	Rain Bird PGA Globe	1-1/2"	Turf Rotar	27.74	1,213	49.23	76.05	0.62 in/h
35	Rain Bird PGA Globe	1"	Turf Rotary	9.64	1,263	51.36	77.98	0.49 in/h
36	Rain Bird PGA Globe	1-1/2"	Turf Rotar	25.89	1,445	48.51	75.38	0.65 in/h
37	Rain Bird PGA Globe	1-1/2"	Turf Rotar	30.30	1,328	64.23	90.89	0.75 in/h
38	Rain Bird PGA Globe	1-1/2"	Turf Rotar	44.88	1,322	67.90	94.60	1.27 in/h
39	Rain Bird PGA Globe	1-1/2"	Turf Rotar	30.44	1,303	60.64	77.19	0.72 in/h
40	Rain Bird PGA Globe	1-1/2"	Turf Rotar	44.25	1,362	51.35	77.67	0.62 in/h
41	Rain Bird PGA Globe	1"	Turf Rotary	23.95	1,493	52.53	78.32	0.37 in/h
42	Rain Bird PGA Globe	1"	Turf Rotary	62.50	1,473	65.16	90.84	0.68 in/h
43	Rain Bird PGA Globe	2"	Turf Rotar	68.20	1,467	66.95	92.68	0.69 in/h
44	Rain Bird PGA Globe	1-1/2"	Turf Rotar	38.14	1,403	49.26	75.45	0.63 in/h
45	Rain Bird PGA Globe	1"	Turf Rotary	17.50	1,346	51.57	77.89	0.47 in/h
46	Rain Bird PGA Globe	2"	Turf Rotar	45.64	1,123	49.11	76.07	0.63 in/h
47	Rain Bird PGA Globe	2"	Turf Rotar	48.00	1,112	61.52	92.09	0.73 in/h
48	Rain Bird PGA Globe	2"	Turf Rotar	38.86	981.2	48.32	75.11	0.61 in/h
49	Rain Bird PGA Globe	1"	Shrub Spray	9.23	1,135	36.32	63.05	1.47 in/h
50	Rain Bird PGA Globe	1"	Turf Rotary	8.28	1,020	51.94	78.72	0.35 in/h
51	Rain Bird PGA Globe	2"	Turf Rotar	38.36	850.0	48.99	75.24	0.61 in/h
52	Rain Bird PGA Globe	2"	Turf Rotar	35.53	847.1	47.87	74.09	0.62 in/h
53	Rain Bird PGA Globe	2"	Turf Rotar	41.44	965.6	49.02	75.91	0.42 in/h
54	Rain Bird PGA Globe	2"	Turf Rotar	44.20	965.2	64.15	91	0.79 in/h
55	Rain Bird PGA Globe	2"	Turf Rotar	50.50	974.5	65.90	92.83	0.35 in/h
56	Rain Bird PGA Globe	2"	Turf Rotar	50.50	981.4	65.22	92.26	0.81 in/h
57	Rain Bird PGA Globe	1-1/2"	Turf Rotary	24.68	994.1	47.61	74.43	0.51 in/h
58	Rain Bird PGA Globe	2"	Turf Rotar	41.47	657.0	48.55	73.38	0.71 in/h
59	Rain Bird PGA Globe	2"	Turf Rotar	60.00	379.1	67.12	87.86	0.82 in/h
60	Rain Bird PGA Globe	2"	Turf Rotar	50.50	384.6	65.68	86.52	0.44 in/h
61	Rain Bird PGA Globe	2"	Turf Rotar	40.40	391.1	65.23	86.04	0.45 in/h
62	Rain Bird PGA Globe	2"	Turf Rotar	30.30	397.1	66.49	87.29	0.92 in/h
63	Rain Bird PGA Globe	2"	Turf Rotar	30.30	343.2	66.00	85.74	1.00 in/h
64	Rain Bird PGA Globe	2"	Turf Rotar	30.30	337.1	65.49	85.20	0.48 in/h
65	Rain Bird PGA Globe	2"	Turf Rotar	40.40	330.2	64.46	84.19	0.44 in/h
66	Rain Bird PGA Globe	2"	Turf Rotar	48.00	322.8	65.73	85.43	0.67 in/h
67	Rain Bird PGA Globe	2"	Turf Rotar	45.91	157.5	50.76	66.79	0.69 in/h
68	Rain Bird PGA Globe	2"	Turf Rotar	53.06	626.0	49.19	72.17	0.54 in/h
69	Rain Bird PGA Globe	2"	Turf Rotar	25.32	612.9	47.72	70.73	0.59 in/h
70	Rain Bird PGA Globe	1"	Turf Rotary	12.86	647.7	51.23	74.43	0.49 in/h
71	Rain Bird PGA Globe	1"	Turf Rotary	2.53	655.4	35.31	58.53	0.63 in/h
72	Rain Bird PGA Globe	1"	Turf Rotary	24.61	862.2	53.51	77.47	0.48 in/h
73	Rain Bird PGA Globe	1"	Bubbler	18.00	902.5	36.56	60.51	4.87 in/h
74	Rain Bird PGA Globe	1"	Turf Rotar	22.16	911.3	52.30	76.34	0.65 in/h
75	Rain Bird PGA Globe	1"	Shrub Spray	3.04	968.3	35.36	59.31	1.29 in/h
76	Rain Bird PGA Globe	1"	Turf Rotar	9.83	960.2	51.28	75.25	0.54 in/h
77	Rain Bird PGA Globe	1"	Shrub Spray	3.99	1,684	36.39	67.18	0.84 in/h
78	Rain Bird PGA Globe	1"	Turf Rotary	20.01	1,550	51.64	81.89	0.41 in/h
79	Rain Bird PGA Globe	2"	Turf Rotar	31.80	1,619	64.85	96.22	0.90 in/h
80	Rain Bird PGA Globe	2"	Turf Rotar	47.70	1,627	64.42	95.94	1.00 in/h
81	Rain Bird PGA Globe	2"	Turf Rotar	25.20	1,633	64.99	96.49	0.32 in/h
82	Rain Bird PGA Globe	2"	Turf Rotar	36.00	1,709	64.50	96.57	0.33 in/h
83	Rain Bird PGA Globe	2"	Turf Rotar	47.70	1,716	67.36	99.54	1.01 in/h
84	Rain Bird PGA Globe	2"	Turf Rotar	36.00	1,723	64.41	96.85	0.38 in/h
85	Rain Bird PGA Globe	2"	Turf Rotar	36.00	2,074	64.68	101.36	0.37 in/h
86	Rain Bird PGA Globe	2"	Turf Rotar	47.70	2,062	66.67	103.24	0.76 in/h
87	Rain Bird PGA Globe	2"	Turf Rotar	36.00	2,051	64.39	100.81	0.37 in/h
88	Rain Bird PGA Globe	2"	Turf Rotar	47.70	2,043	63.86	100.26	0.75 in/h
89	Rain Bird PGA Globe	2"	Turf Rotar	36.00	1,992	64.65	100.44	0.38 in/h
90	Rain Bird PGA Globe	2"	Turf Rotar	48.00	1,986	66.01	101.90	0.51 in/h
91	Rain Bird PGA Globe	2"	Turf Rotar	48.00	2,007	65.85	101.97	0.88 in/h
92	Rain Bird PGA Globe	1-1/2"	Turf Rotary	35.70	1,926	49.92	84.99	0.37 in/h
93	Rain Bird PGA Globe	1-1/2"	Turf Rotar	22.93	1,950	51.81	82.99	0.68 in/h
94	Rain Bird PGA Globe	1"	Turf Rotary	16.55	1,652	47.37	83.46	0.44 in/h
95	Rain Bird PGA Globe	1"	Turf Rotary	2.53	1,659	35.92	58.57	0.62 in/h
96	Rain Bird PGA Globe	1"	Turf Rotary	16.55	1,401	51.34	80.57	0.38 in/h
97	Rain Bird PGA Globe	2"	Turf Rotar	56.10	1,438	65.88	95.49	0.86 in/h
98	Rain Bird PGA Globe	2"	Turf Rotar	47.70	1,438	65.88	95.49	0.86 in/h
99	Rain Bird PGA Globe	2"	Turf Rotar	47.70	1,618	66.38	97.81	0.84 in/h
100	Rain Bird PGA Globe	2"	Turf Rotar	59.70	1,626	65.70	97.11	0.84 in/h
101	Rain Bird PGA Globe	2"	Turf Rotar	40.80	1,630	66.38	97.81	0.84 in/h
102	Rain Bird PGA Globe	2"	Turf Rotar	63.60	1,691	66.56	98.80	0.44 in/h
103	Rain Bird PGA Globe	2"	Turf Rotar	63.60	1,755	66.72	99.71	0.48 in/h
104	Rain Bird PGA Globe	2"	Turf Rotar	63.60	1,821	66.74	100.52	0.50 in/h
105	Rain Bird PGA Globe	2"	Turf Rotar	63.60	1,986	66.76	101.64	0.55 in/h
106	Rain Bird PGA Globe	2"	Turf Rotar	63.60	1,894	67.02	101.64	0.43 in/h
107	Rain Bird PGA Globe	2"	Turf Rotar	47.70	1,963	65.58	101.02	0.60 in/h
108	Rain Bird PGA Globe	2"	Turf Rotar	47.70	1,986	65.58	101.02	0.60 in/h
109	Rain Bird PGA Globe	2"	Turf Rotar	48.00	2,041	65.31	101.99	0.84 in/h
110	Rain Bird PGA Globe	1-1/2"	Turf Rotar	19.05	1,250	47.99	76.14	0.77 in/h
111	Rain Bird PGA Globe	1-1/2"	Turf Rotar	21.14	1,221	48.88	76.31	0.64 in/h
112	Rain Bird PGA Globe	1"	Shrub Spray	10.15	1,221	36.39	67.18	0.84 in/h
113	Rain Bird PGA Globe	1-1/2"	Turf Rotary	31.58	1,271	51.39	79.91	0.65 in/h
114	Rain Bird PGA Globe	1-1/2"	Turf Rotar	26.66	1,298	50.04	79.40	0.63 in/h
115	Rain Bird PGA Globe	1"	Turf Rotary	11.08	1,307	51.34	80.44	0.41 in/h
116	Rain Bird PGA Globe	1"	Shrub Spray	4.77	1,614	35.33	66.57	1.29 in/h
117	Rain Bird PGA Globe	2"	Turf Rotar	39.60	1,618	65.37	81.24	0.60 in/h
118	Rain Bird PGA Globe	2"	Turf Rotar	40.80	1,618	50.42	81.29	0.59 in/h
119	Rain Bird PGA Globe	2"	Shrub Spray	17.80	1,618	36.39	67.18	0.84 in/h
120	Rain Bird PGA Globe	2"	Turf Rotar	54.02	912.0	49.45	75.61	0.62 in/h
121	Rain Bird PGA Globe	1-1/2"	Turf Spray	28.99	909.8	34.01	80.08	1.14 in/h
122	Rain Bird PGA Globe	1-1/2"	Turf Rotar	16.11	909.8	34.01	80.08	0.59 in/h
123	Rain Bird PGA Globe	2"	Turf Rotar	19.08	762.7	48.32	73.82	0.64 in/h
124	Rain Bird PGA Globe	1"	Turf Rotary	19.38	764.3	54.47	79.67	0.37 in/h
125	Common Wire			48.00	8.726	65.06	87.01	0.77 in/h

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LEE'S SUMMIT R-7 SCHOOL DISTRICT
1001 SE BAILEY ROAD
LEE'S SUMMIT, MO 64081

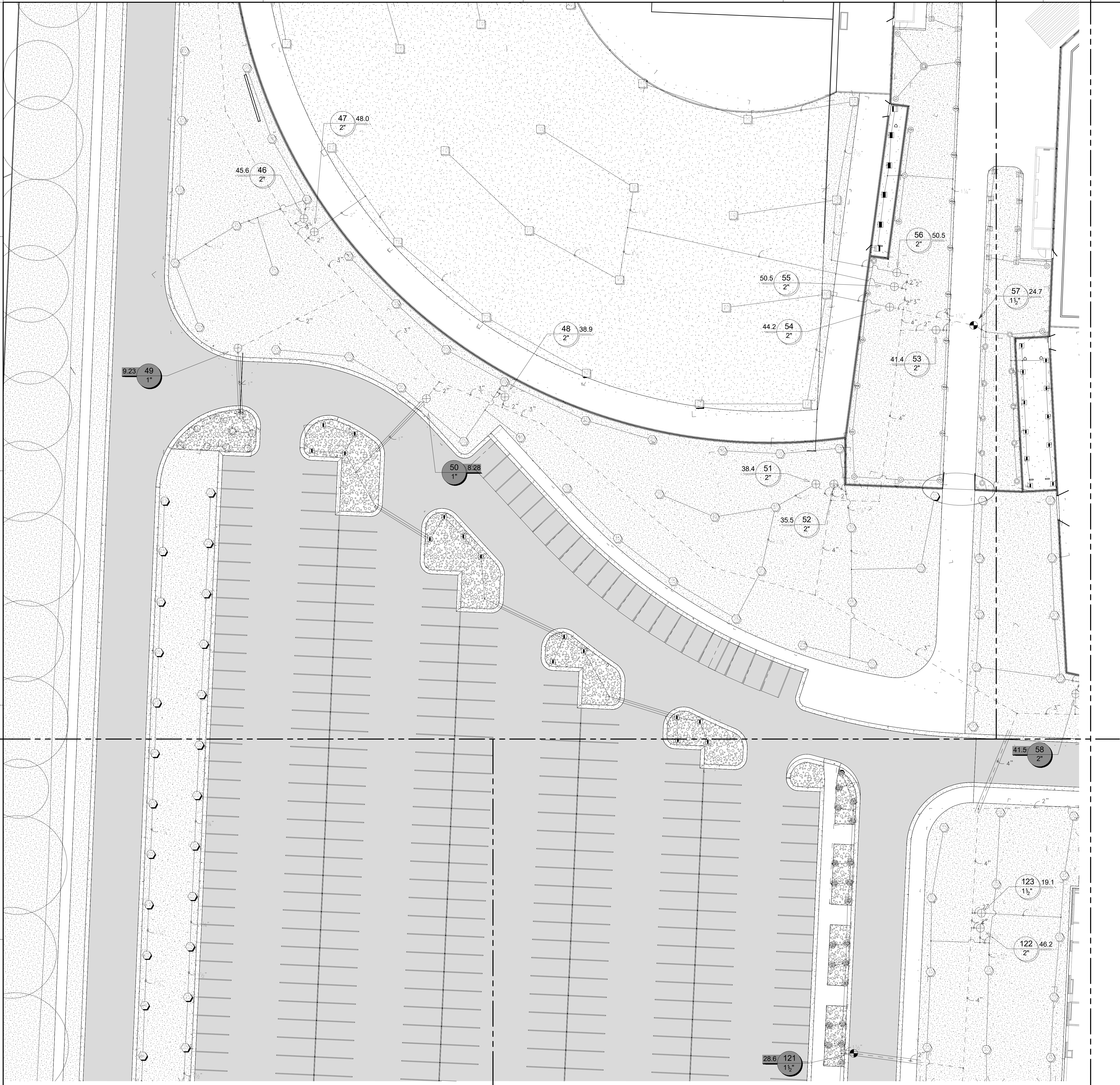
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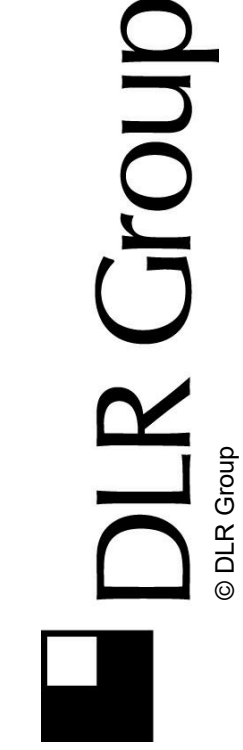
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L3.2

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1
L3.3 ENLARGED IRRIGATION PLAN - SW FIELD
SCALE: 1" = 20'-0"



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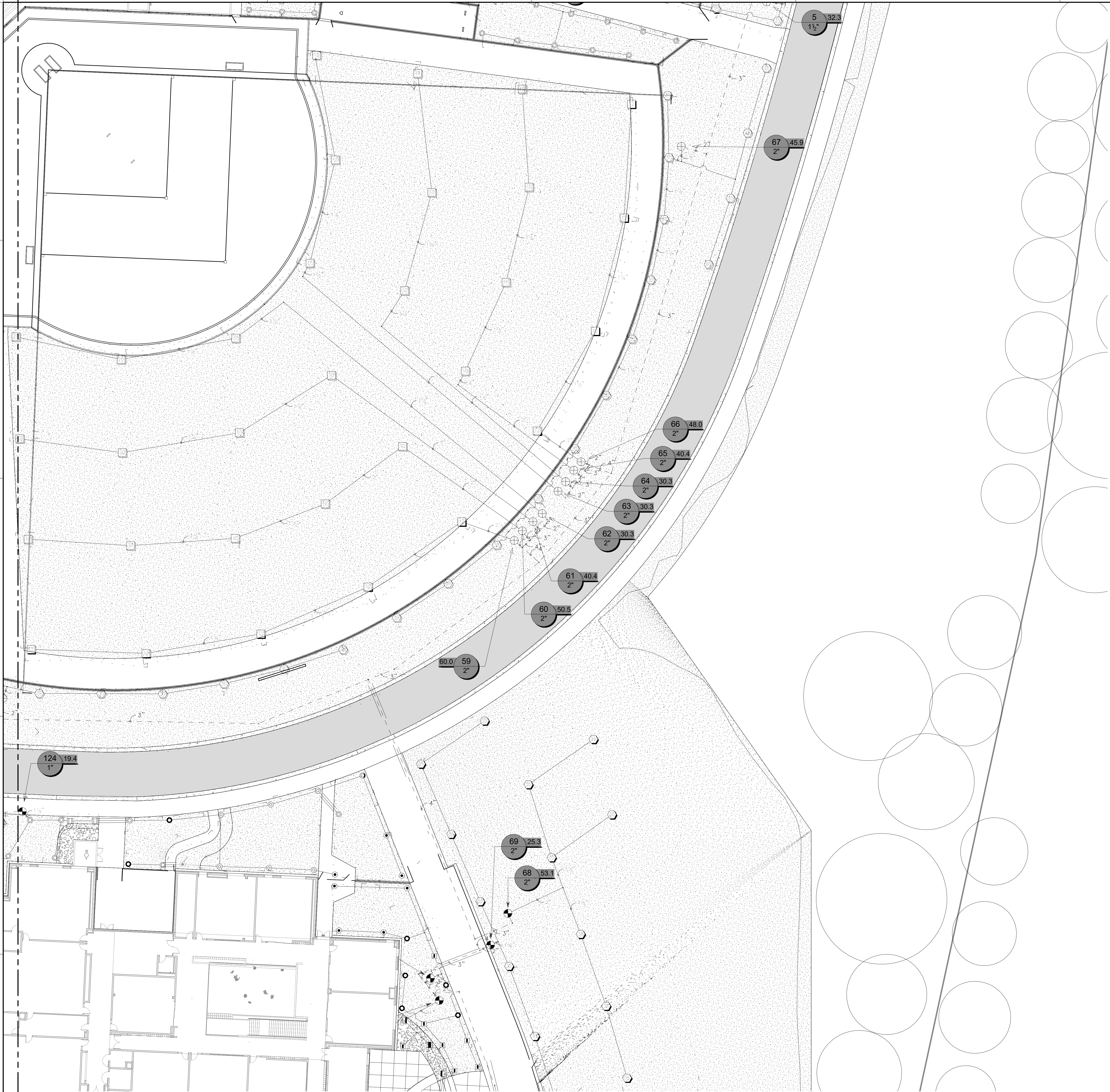
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1 CD - ENLARGED IRRIGATION PLAN - SE FIELD
L3.4 SCALE: 1" = 20'-0"



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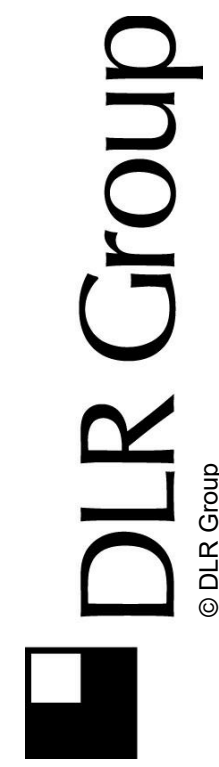
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1 ENLARGED IRRIGATION PLAN - FRONT YARD
L3.5 SCALE: 1" = 20'-0"

0 10 20 40
SCALE: 1" = 20'



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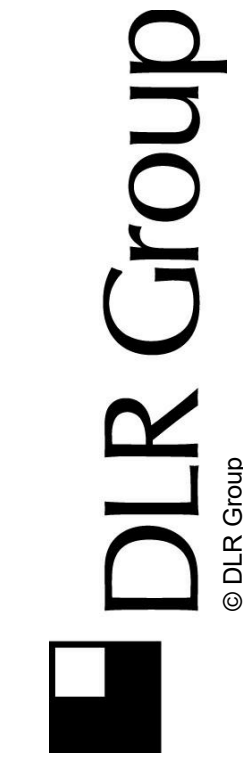
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1 CD - ENLARGED IRRIGATION PLAN - BACKYARD
L3.6 SCALE: 1" = 20'-0"

0 10 20 40
SCALE: 1" = 20'



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LEE'S SUMMIT R-7 SCHOOL DISTRICT

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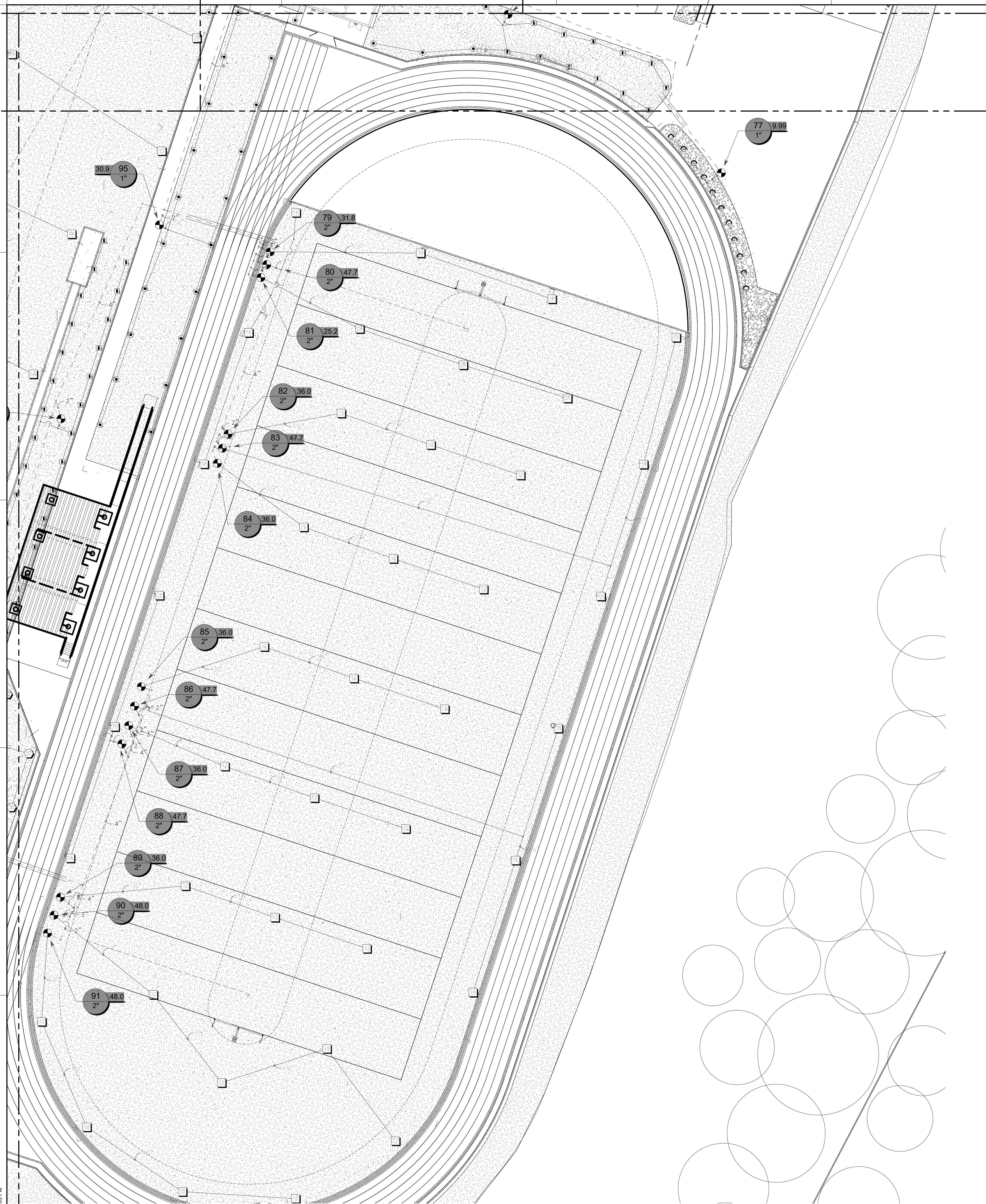
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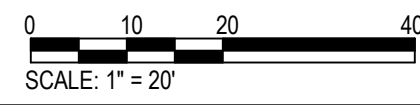
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CD - ENLARGED IRRIGATION PLAN - TRACK AND FIELD 1



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LEE'S SUMMIT R-7 SCHOOL DISTRICT

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L3.7

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1 CD - ENLARGED IRRIGATION PLAN - TRACK AND FIELD 2
L3.8 SCALE: 1" = 20'-0"

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SCALE: 1" = 20'



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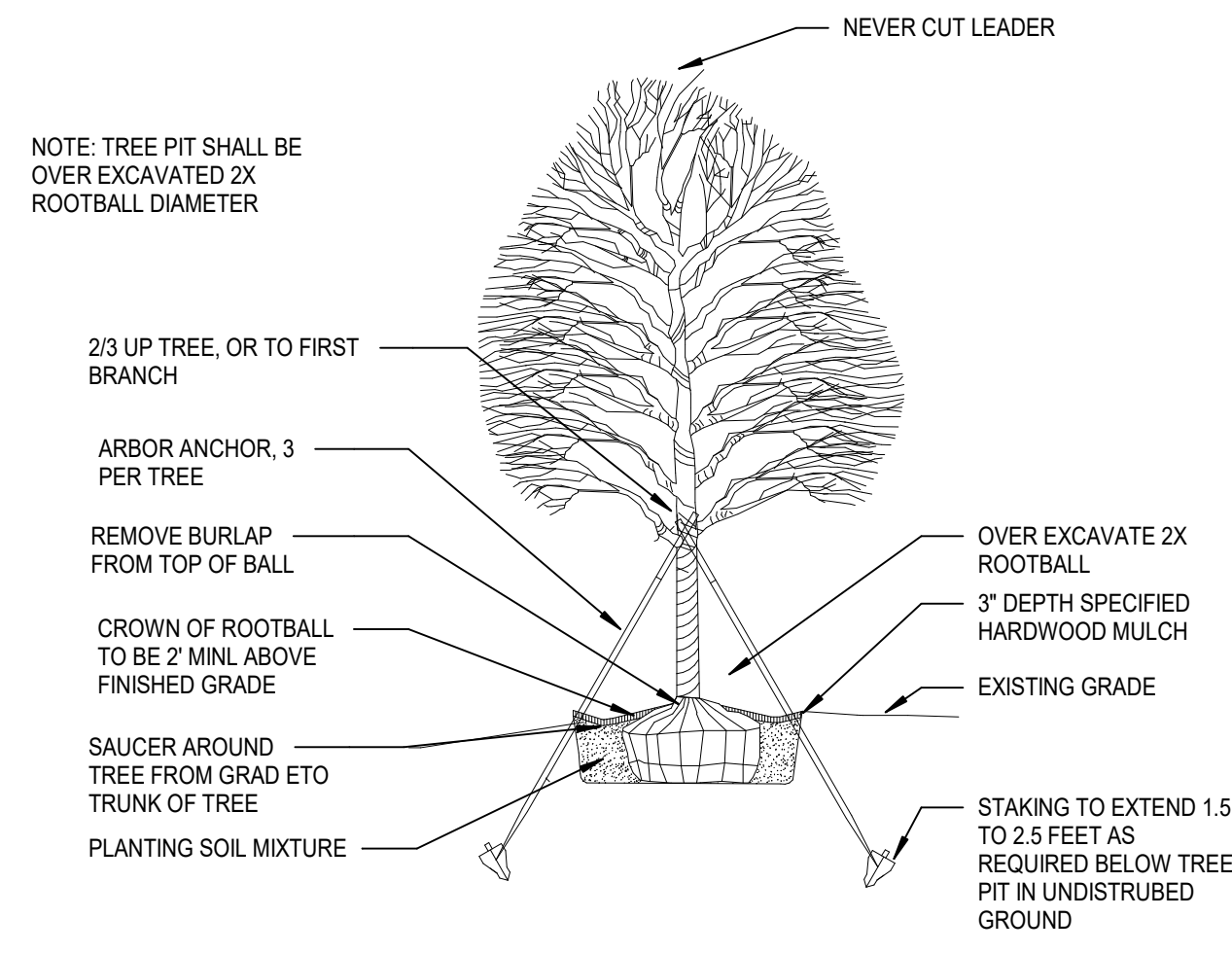
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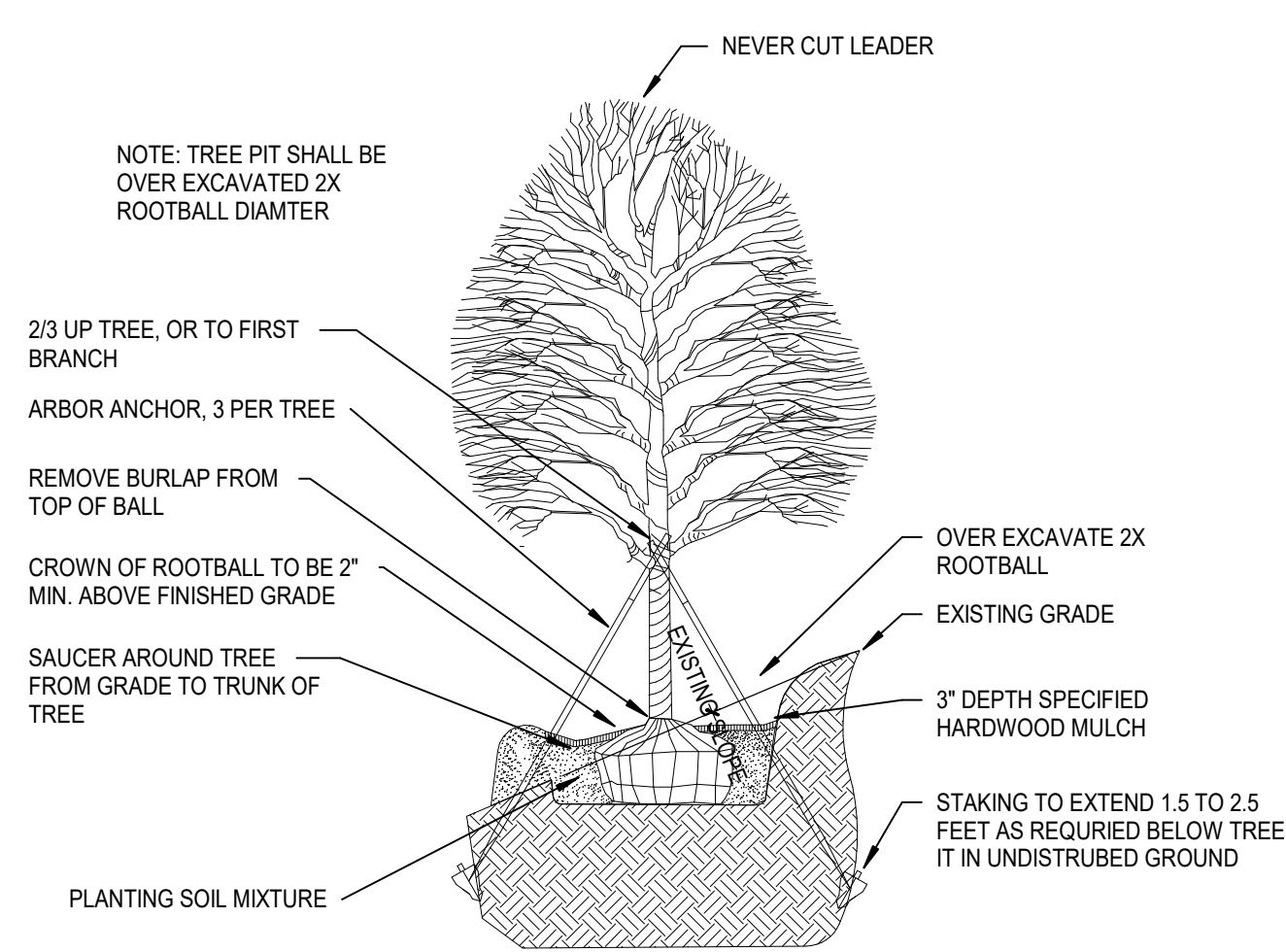
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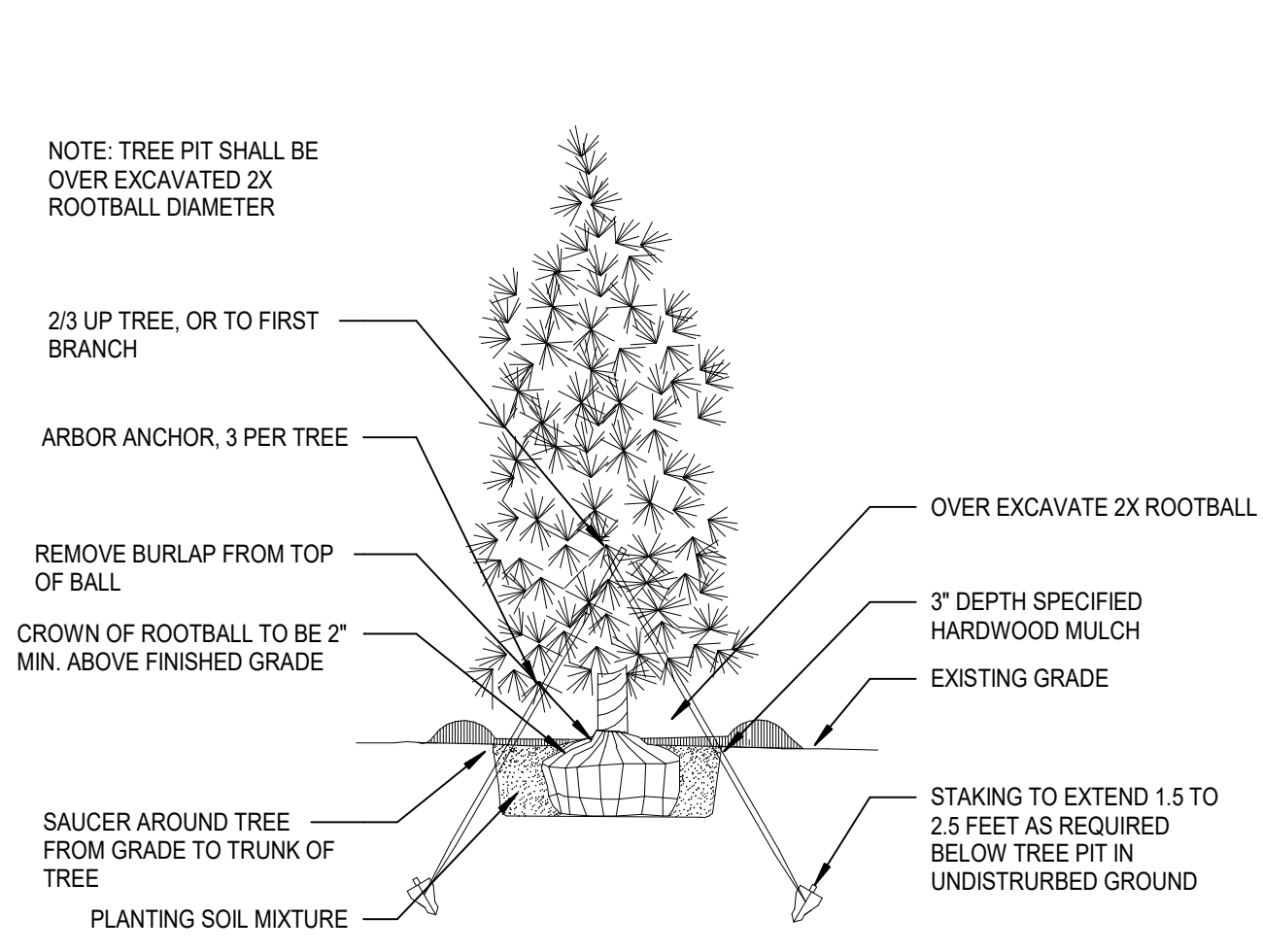
L3.8



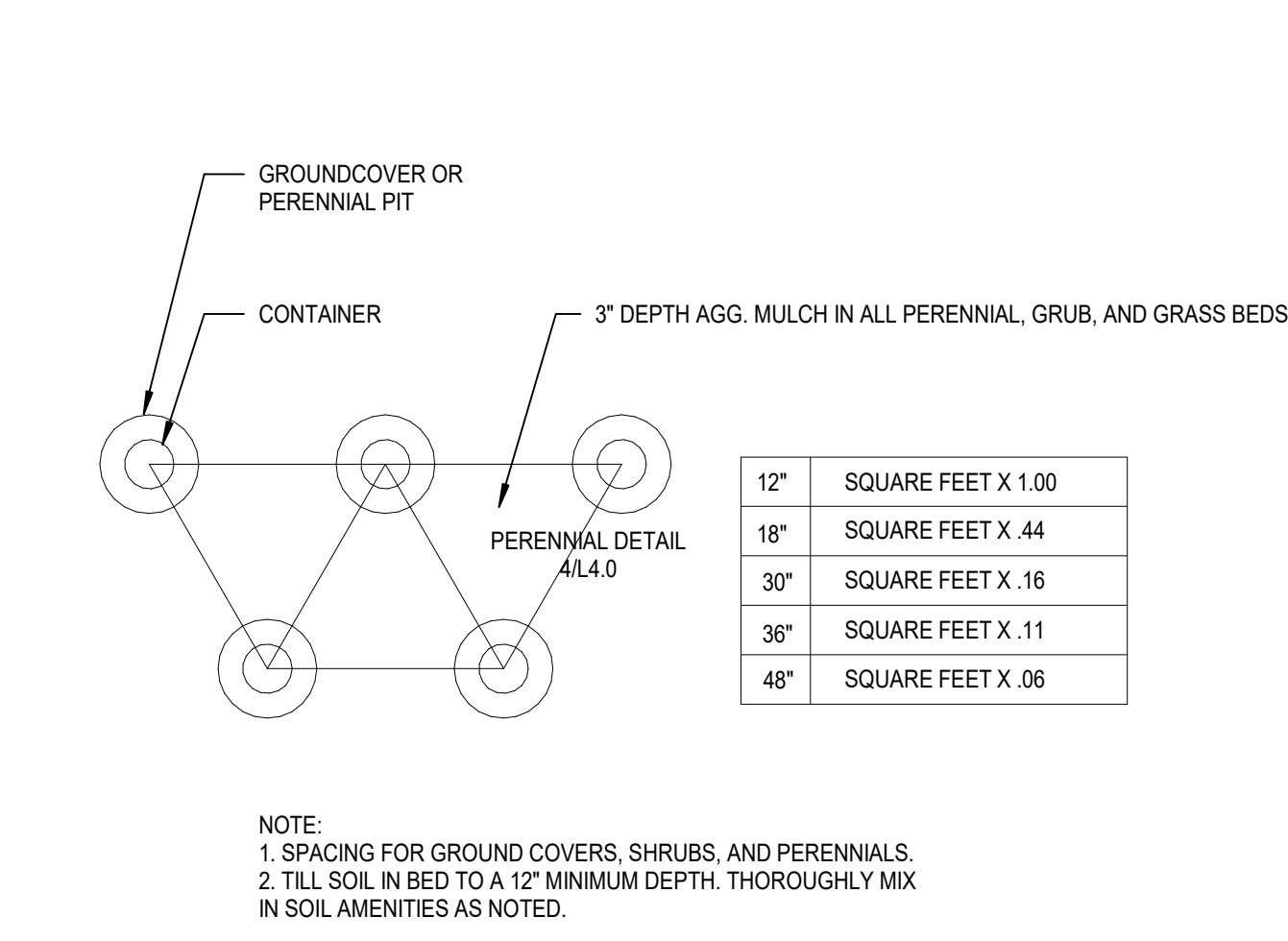
1 DECIDUOUS TREE PLANTING
L4.0 SCALE: 1/8" = 1'-0"



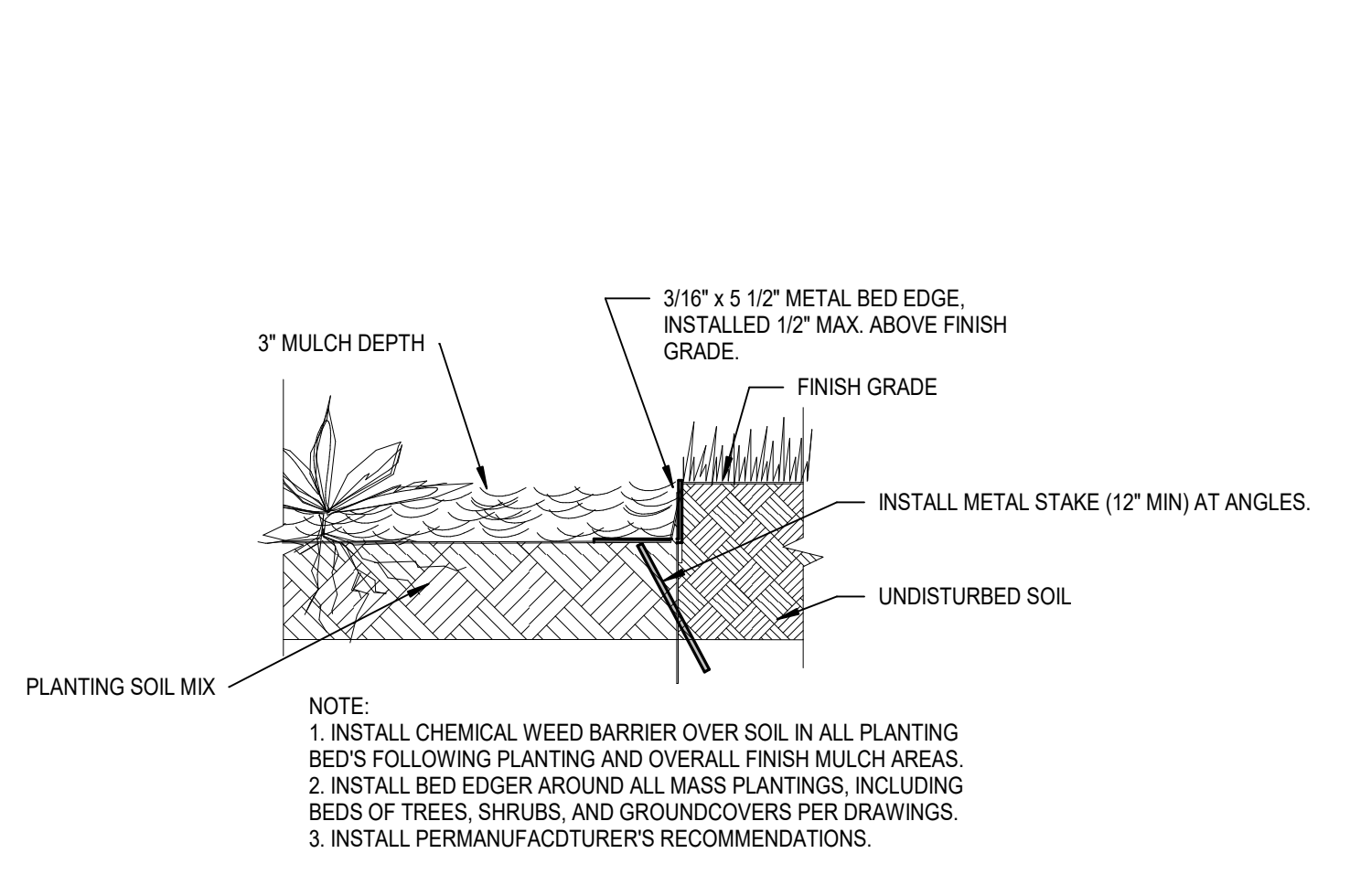
2 DECIDUOUS TREE PLANTING ON SLOPE
L4.0 SCALE: 1/8" = 1'-0"



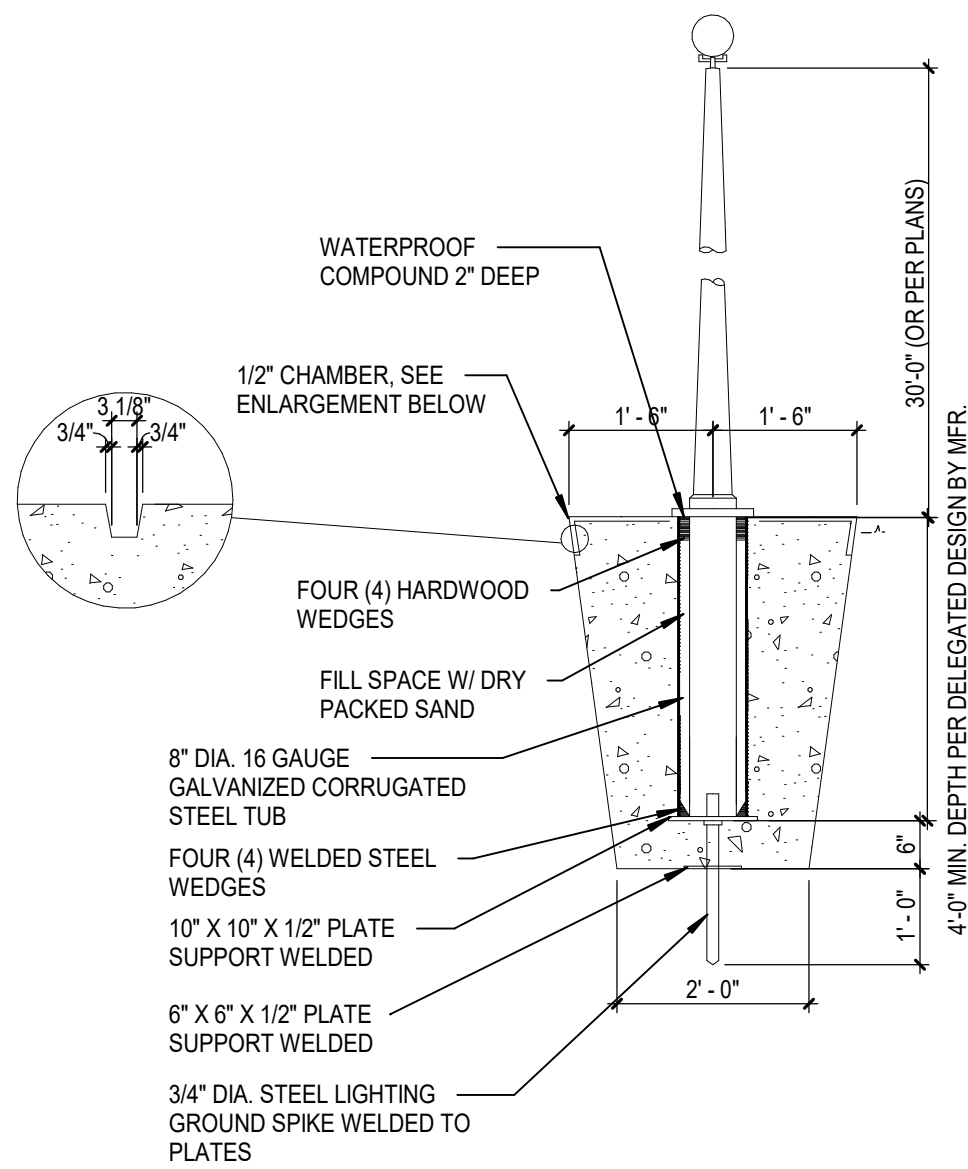
3 EVERGREEN TREE PLANTING
L4.0 SCALE: 1/8" = 1'-0"



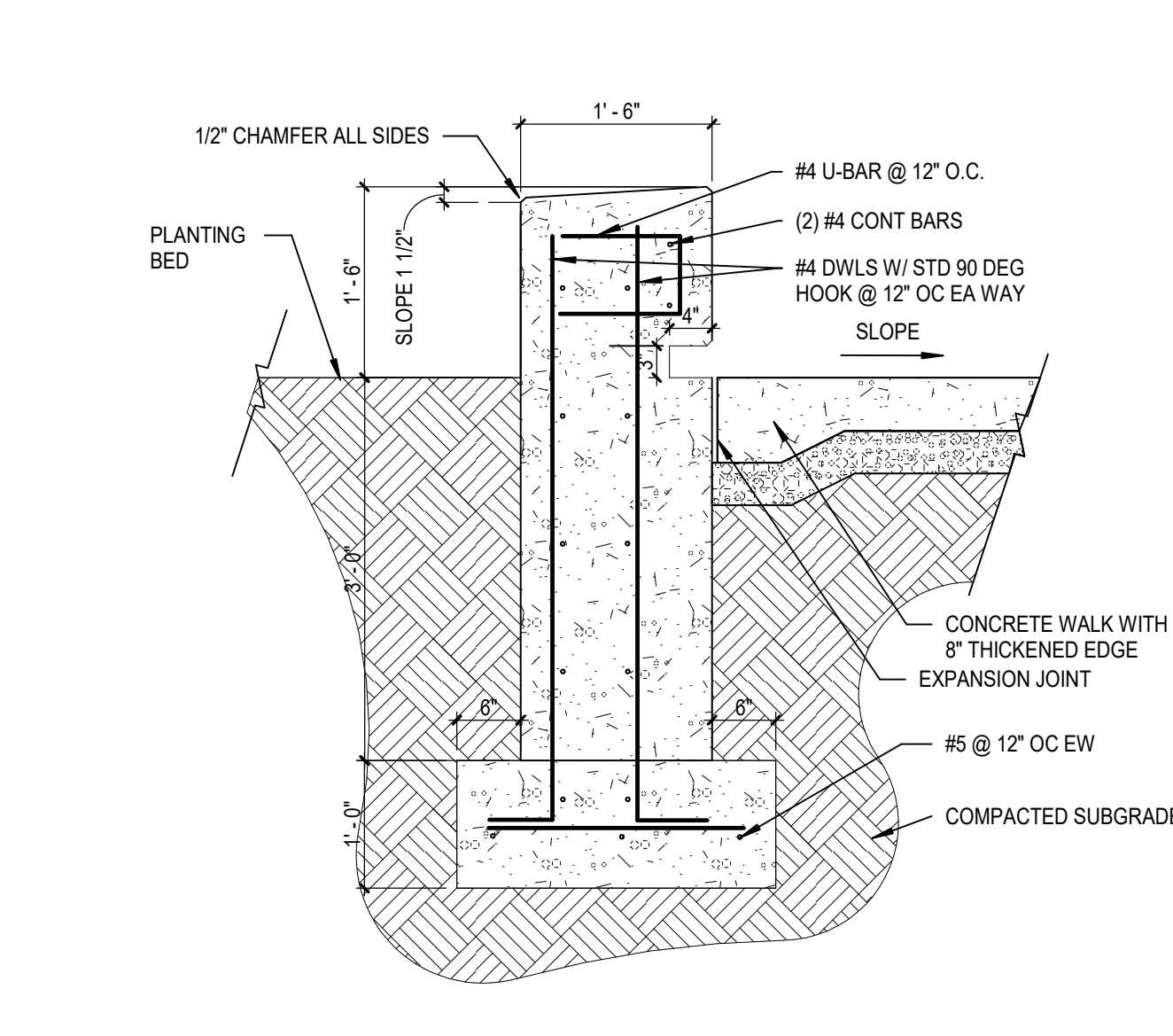
4 PERENNIAL LAYOUT PLAN
L4.0 SCALE: 1 1/2" = 1'-0"



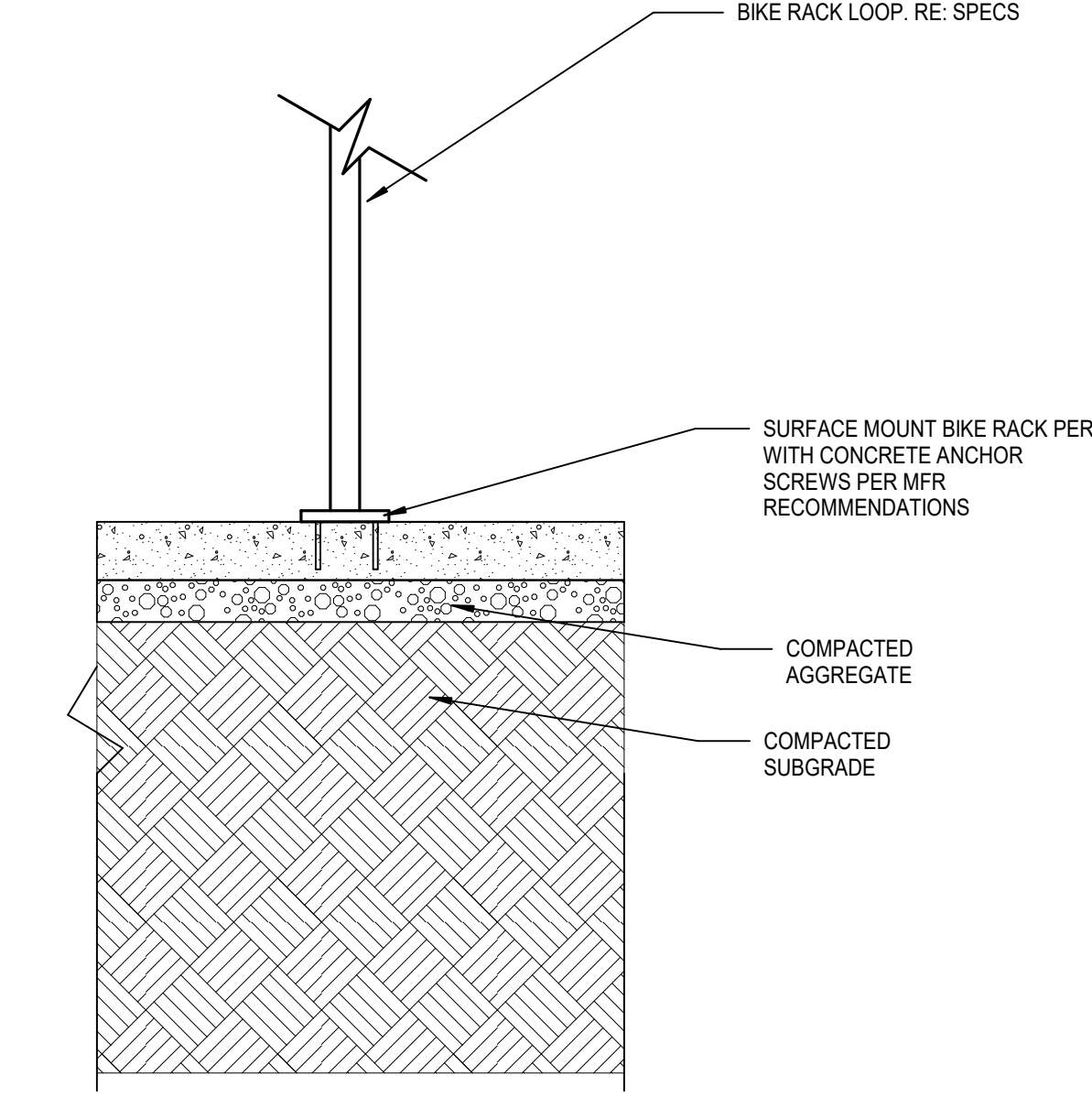
5 PLANT BED EDGER
L4.0 SCALE: 1" = 1'-0"



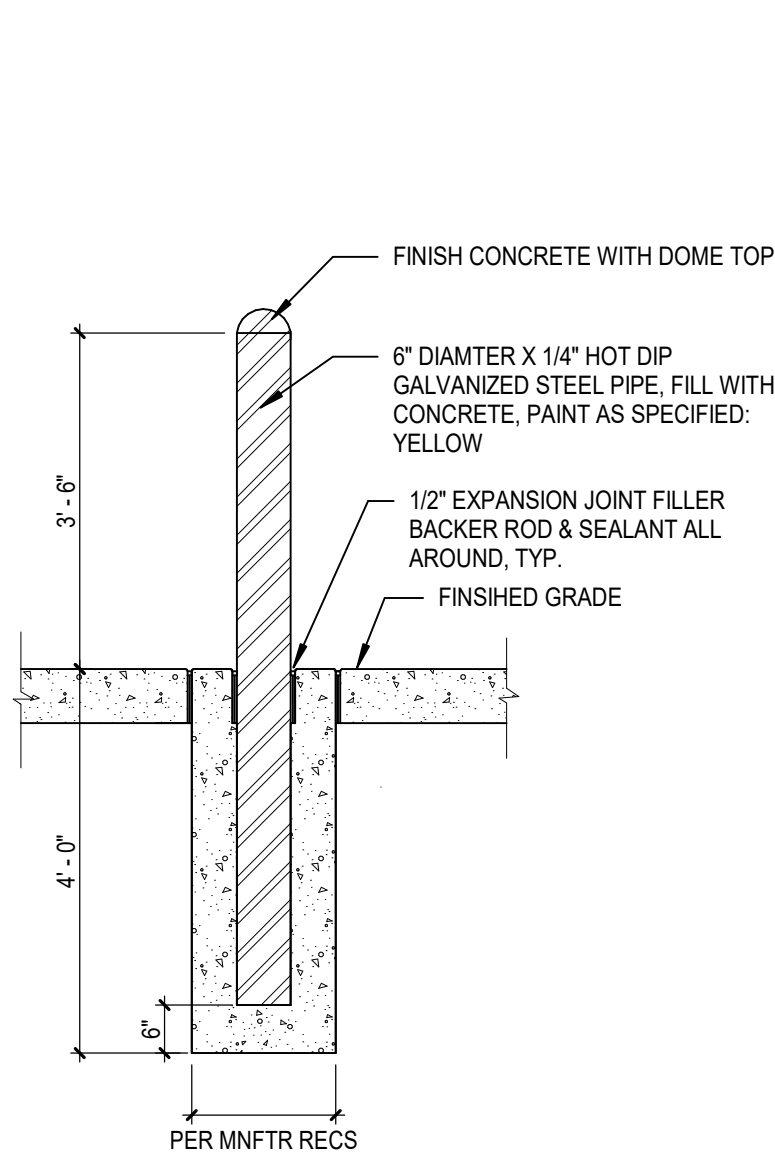
6 FLAGPOLE
L4.0 SCALE: 1/2" = 1'-0"



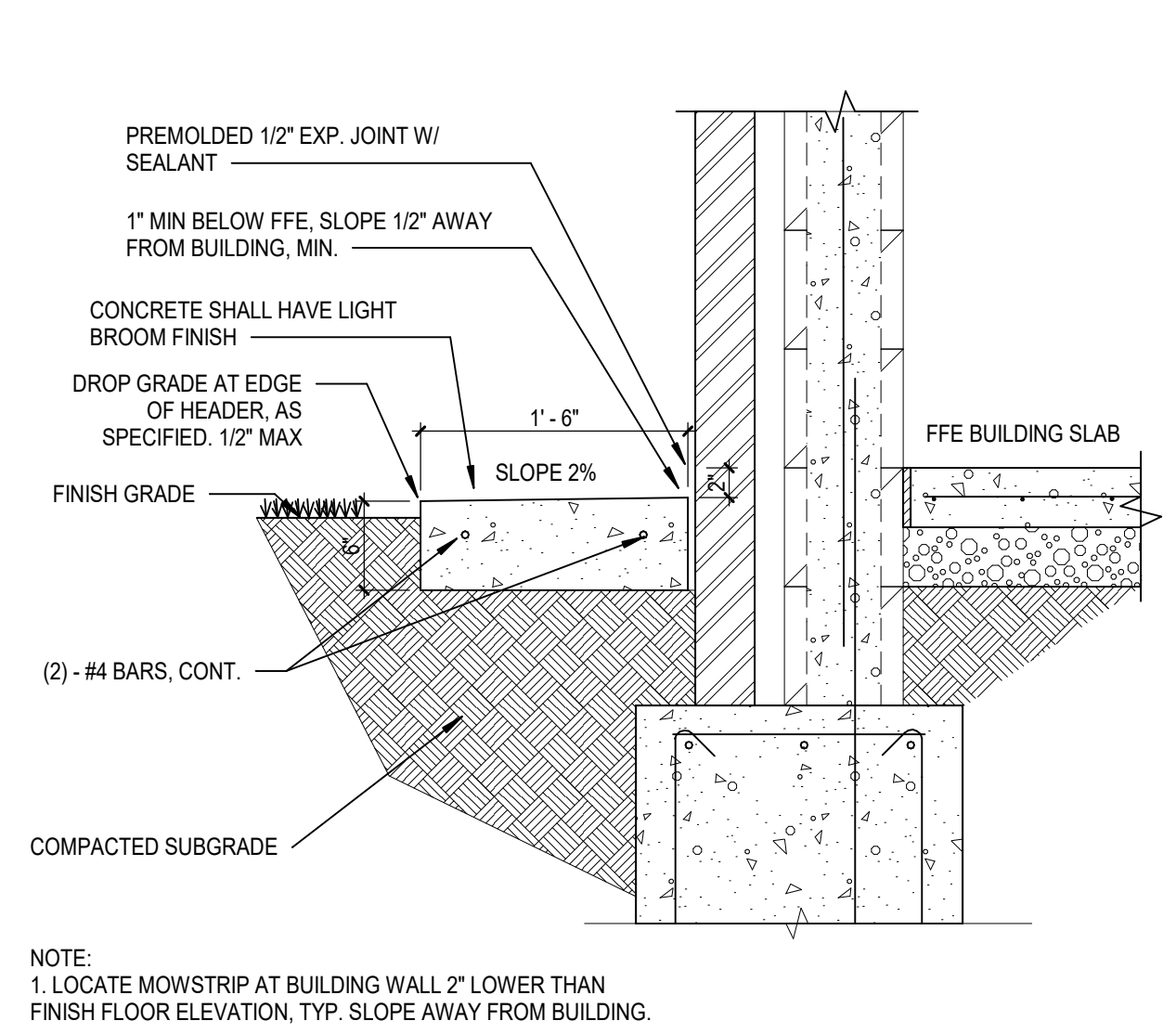
7 CONCRETE SEAT WALL
L4.0 SCALE: 3/4" = 1'-0"



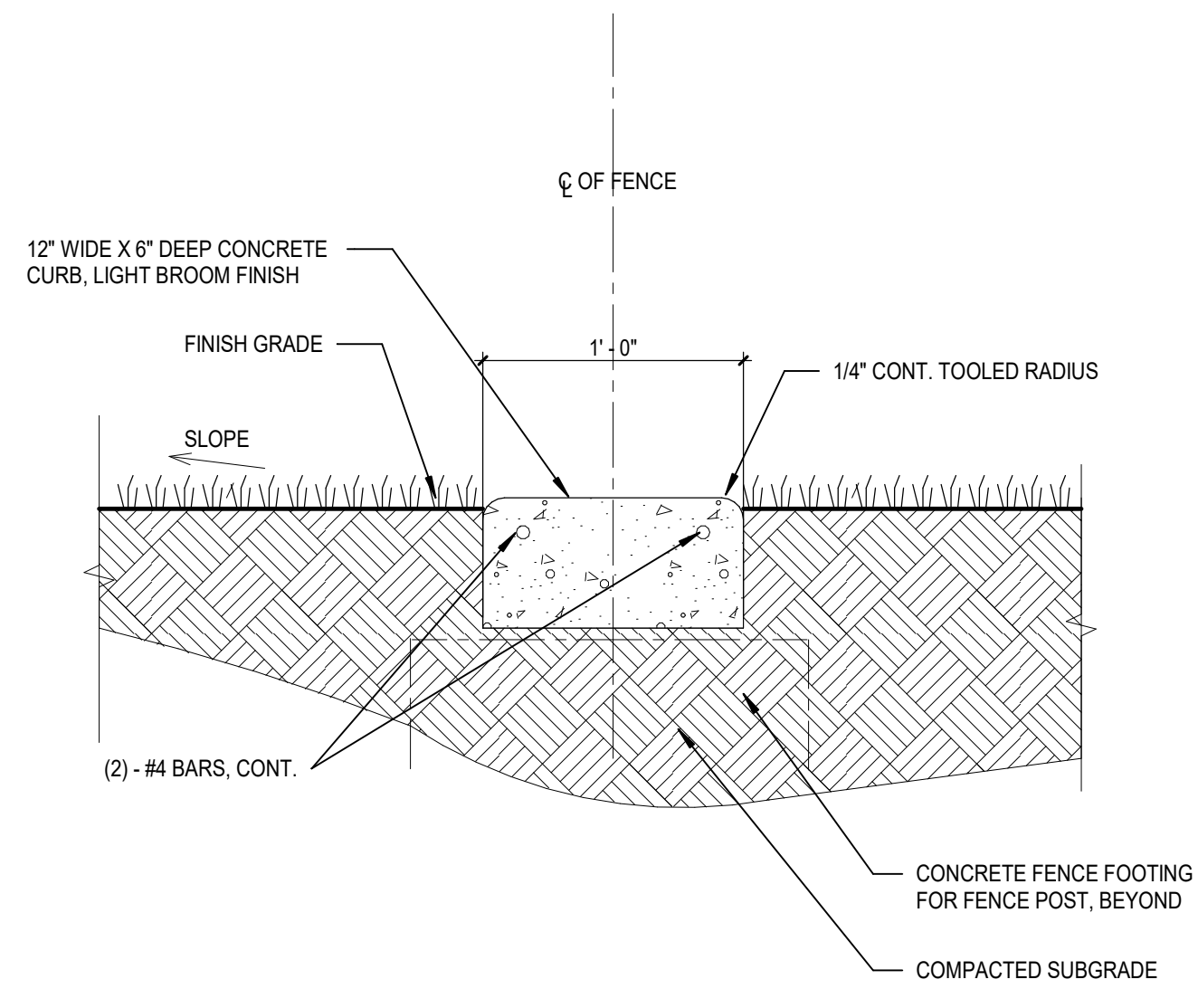
8 BIKE RACK DETAIL
L4.0 SCALE: 1" = 1'-0"



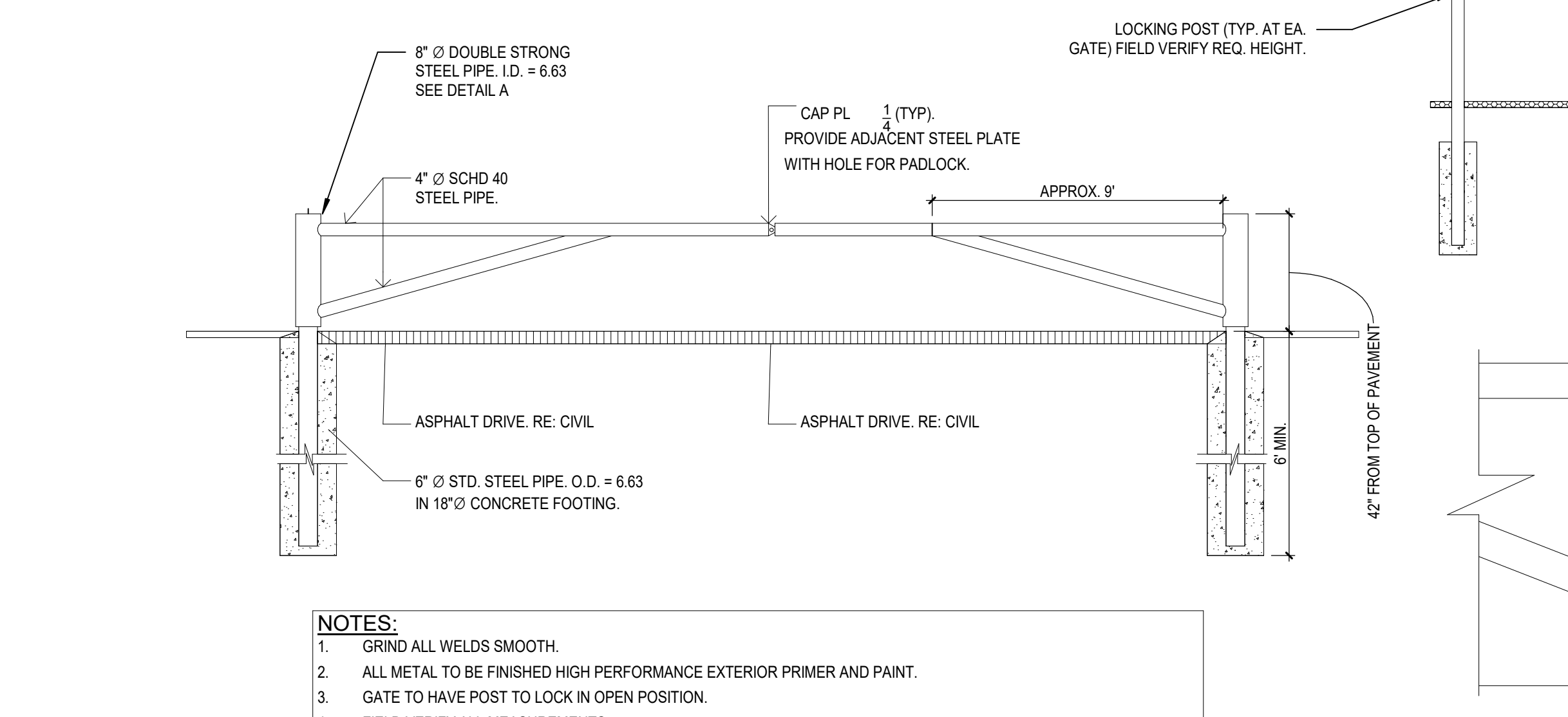
9 BOLLARD
L4.0 SCALE: 1/2" = 1'-0"



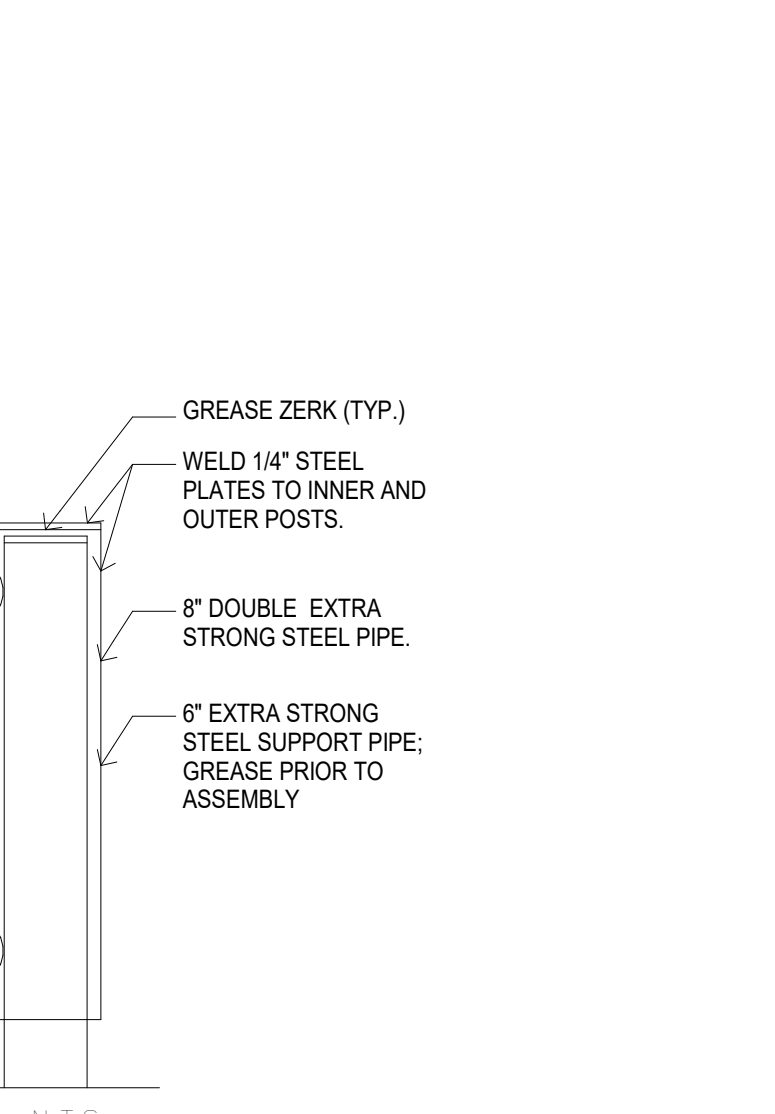
10 CONC. MOW STRIP @ BUILDING EDGE
L4.0 SCALE: 1" = 1'-0"



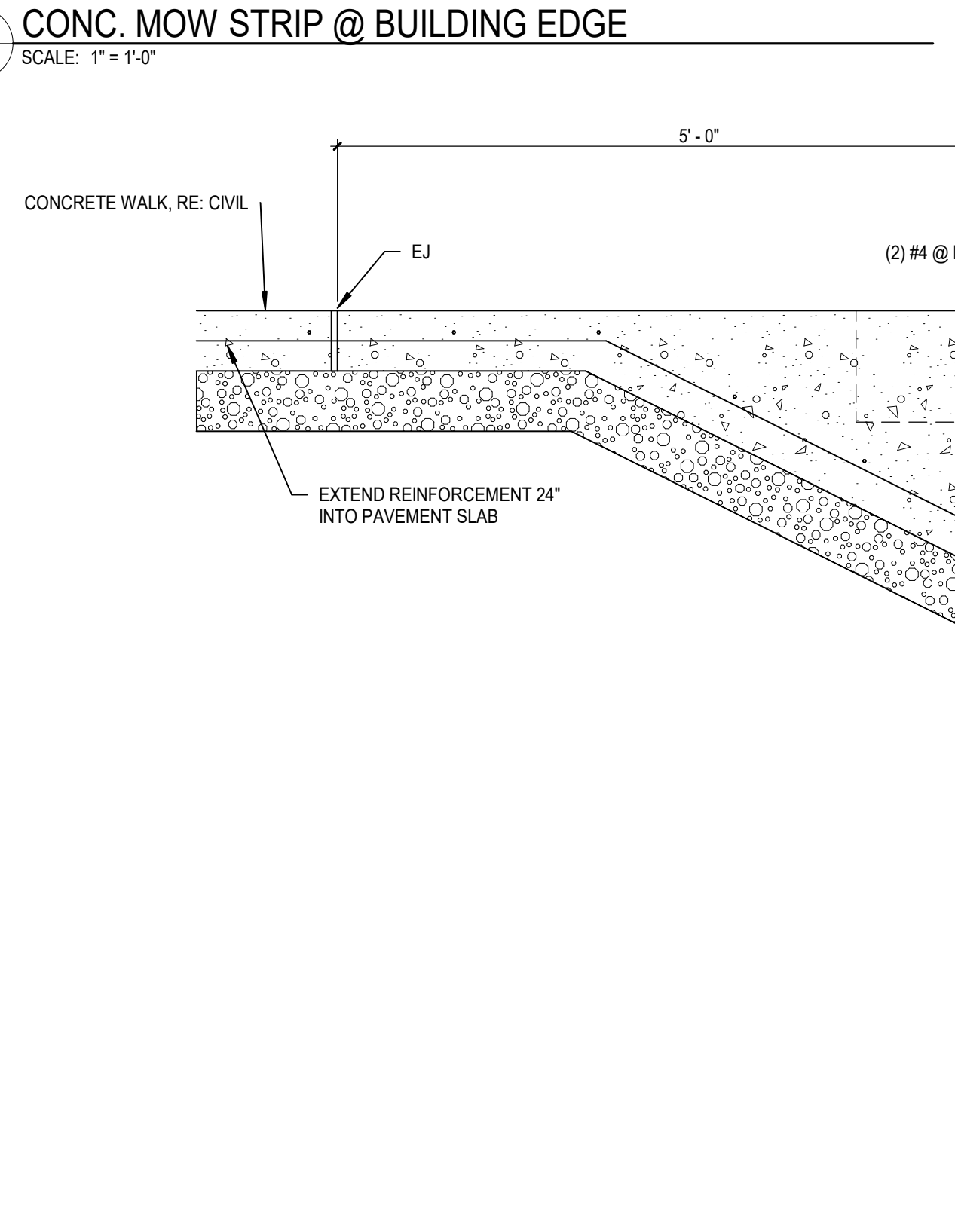
11 MOW STRIP AT FENCE
L4.0 SCALE: 1 1/2" = 1'-0"



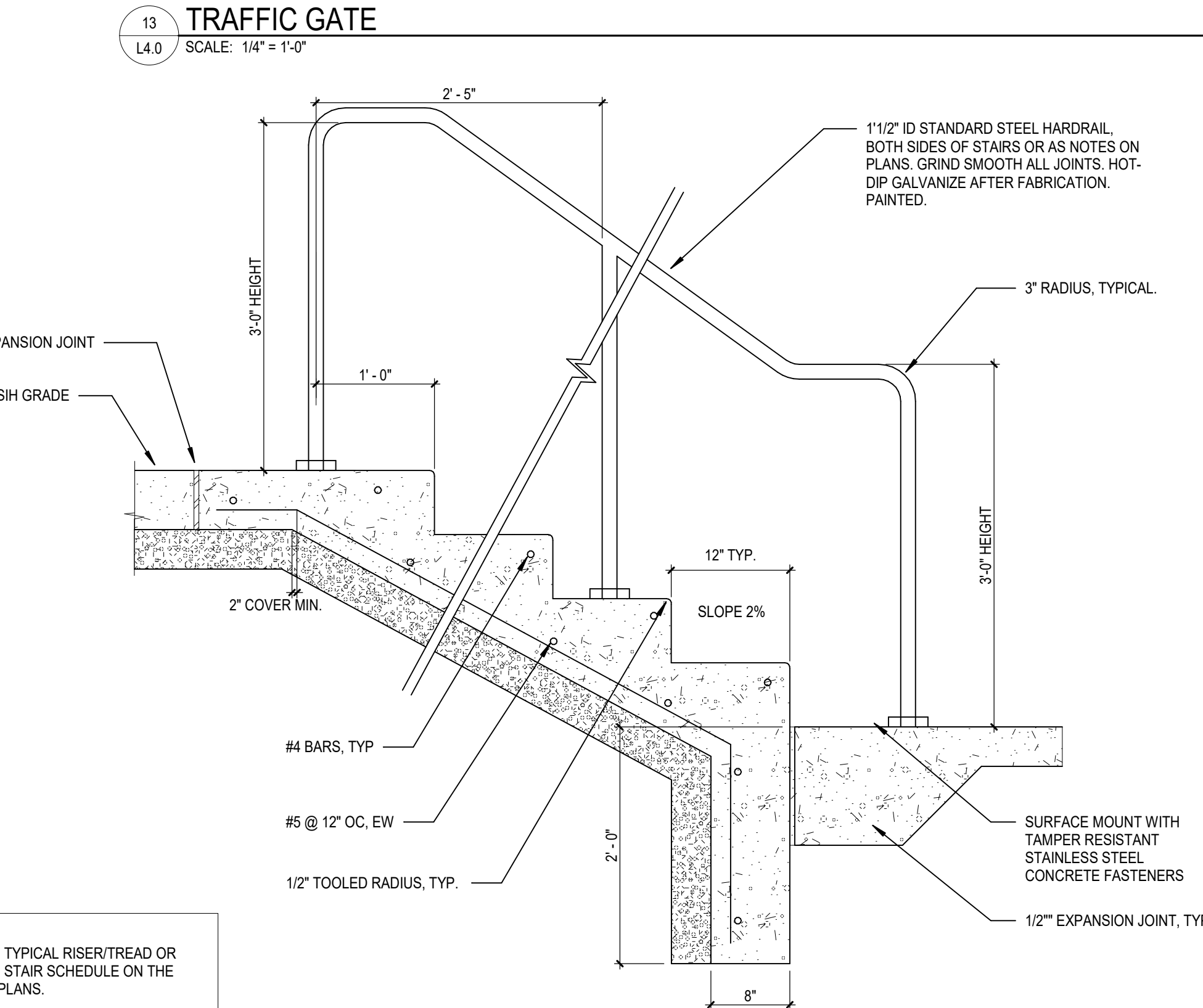
12 TRAFFIC GATE
L4.0 SCALE: 1/4" = 1'-0"



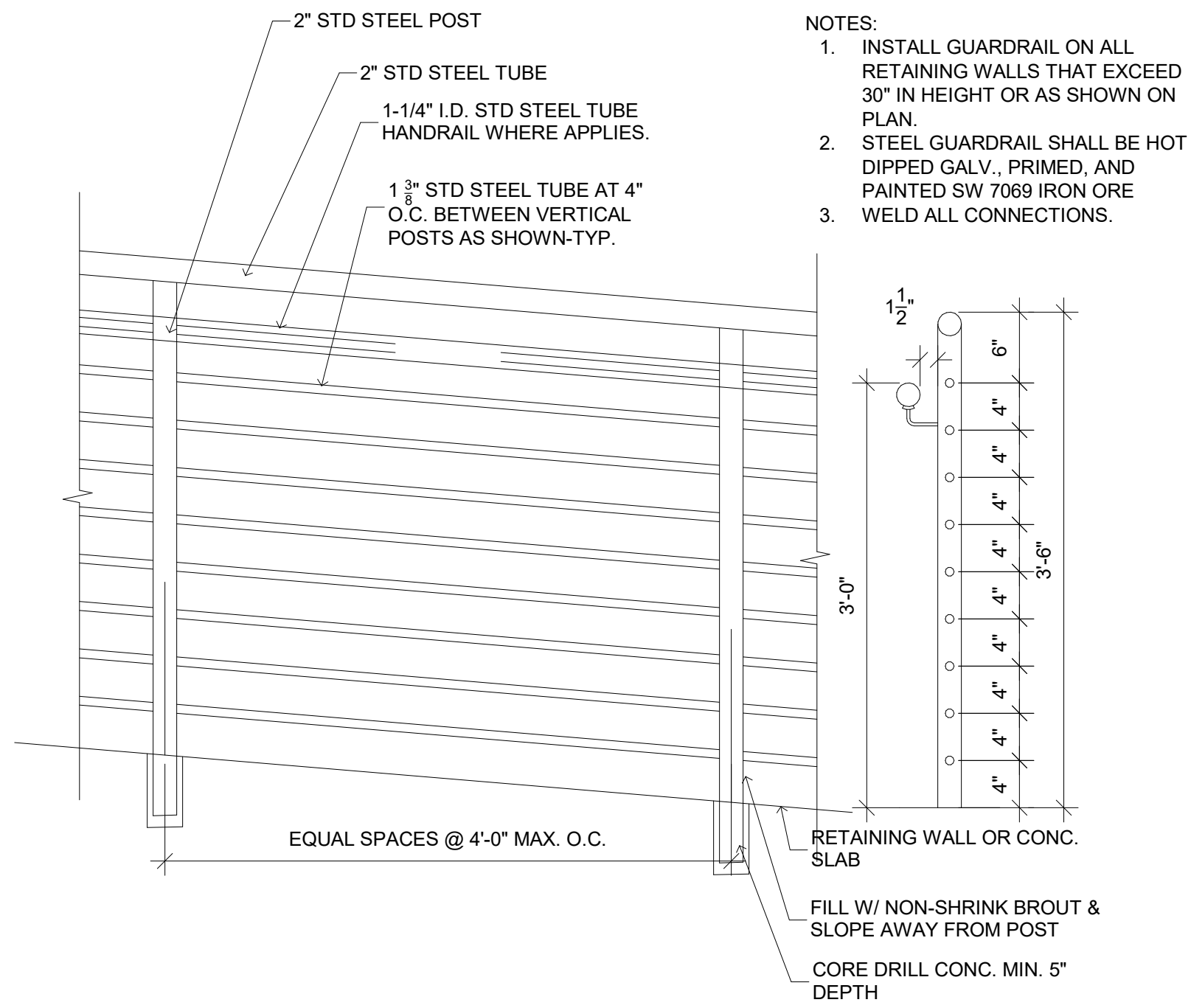
DETAIL A - N.T.S.



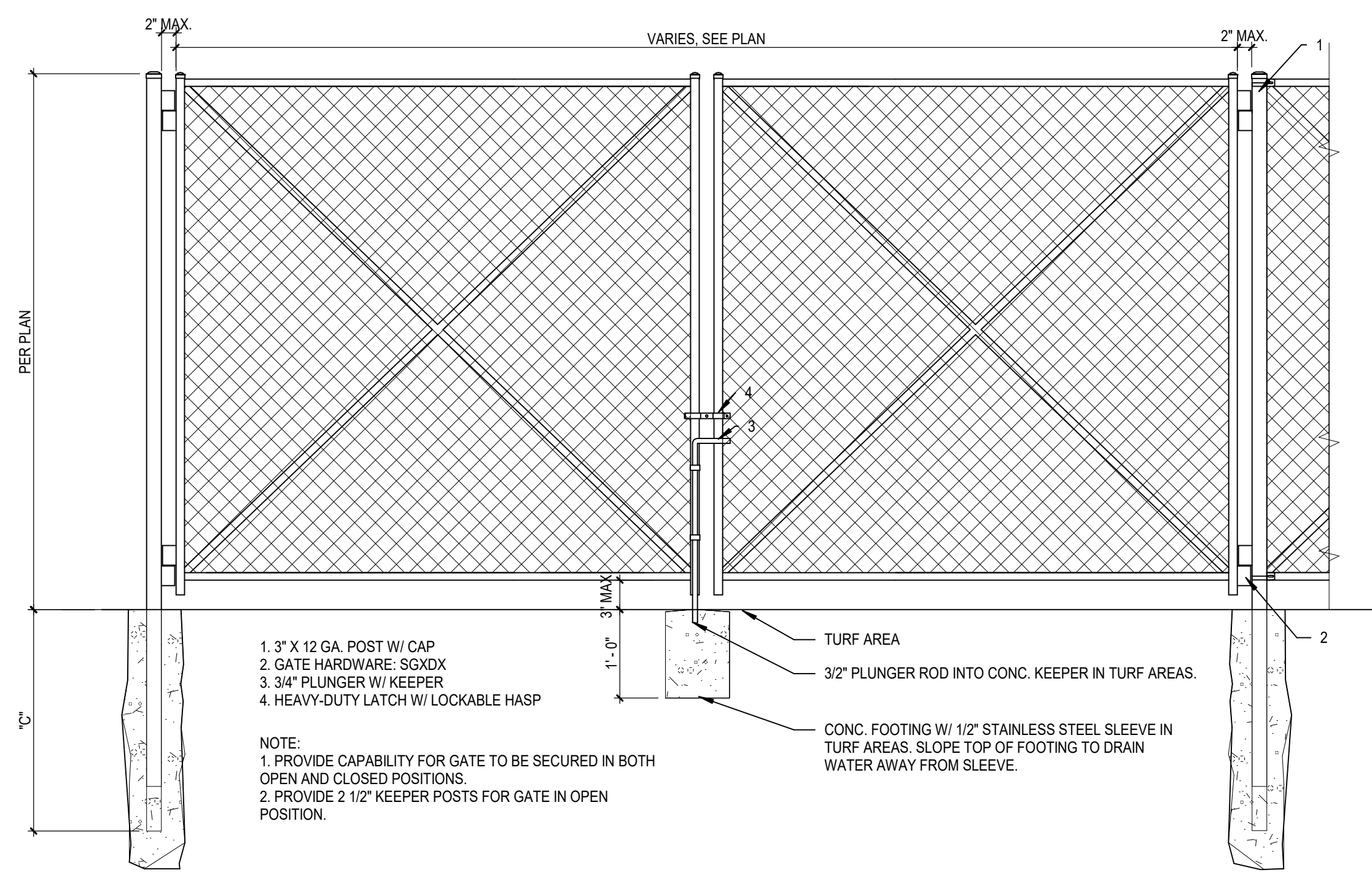
14 CONC. MOW STRIP @ BUILDING EDGE
L4.0 SCALE: 1" = 1'-0"



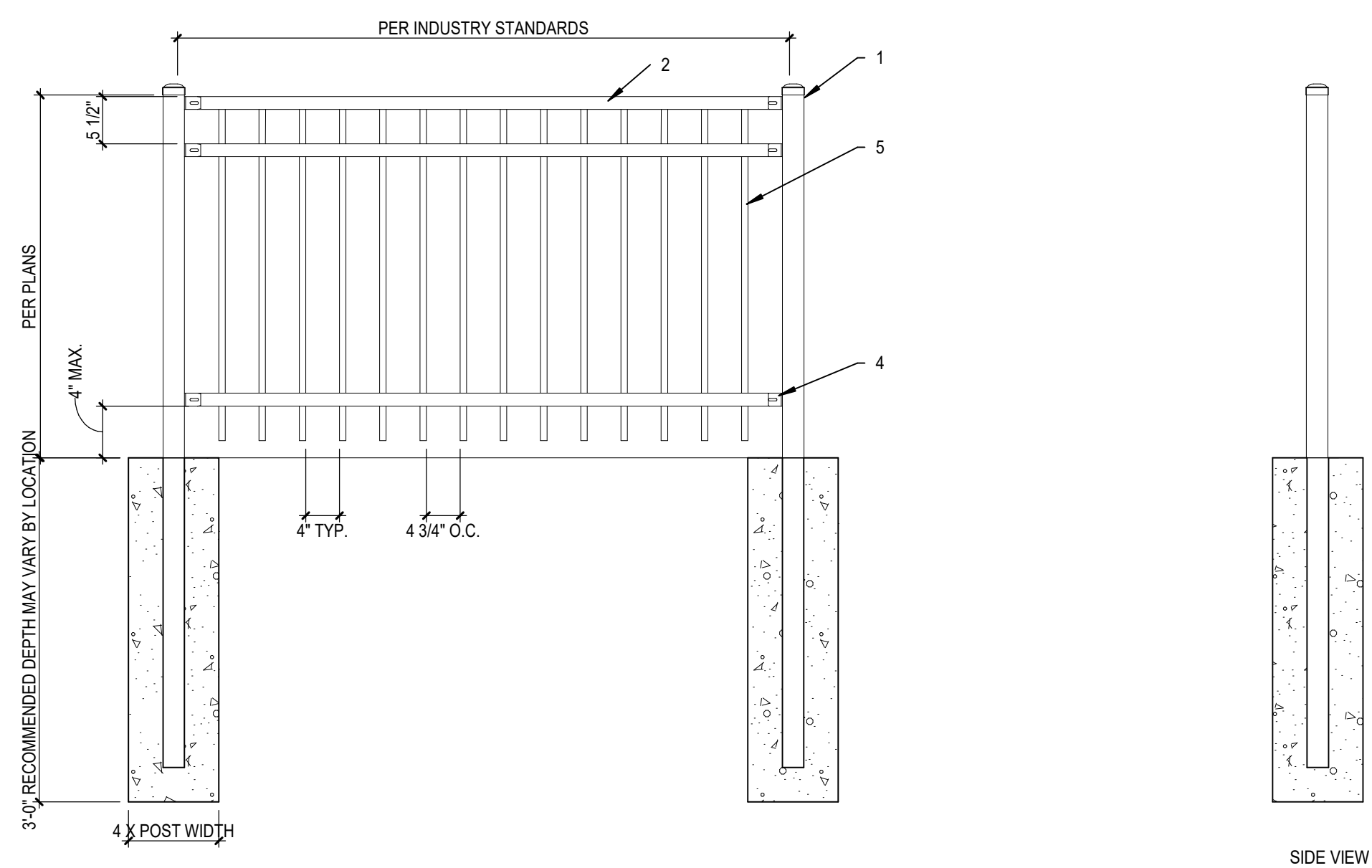
15 CONCRETE STAIR + GALVANIZED ALUMINUM HANDRAIL
L4.0 SCALE: 1" = 1'-0"



1 DECORATIVE GUARDRAIL
SCALE: 1" = 1'-0"



4 CHAIN LINK GATE
SCALE: 3/4" = 1'-0"



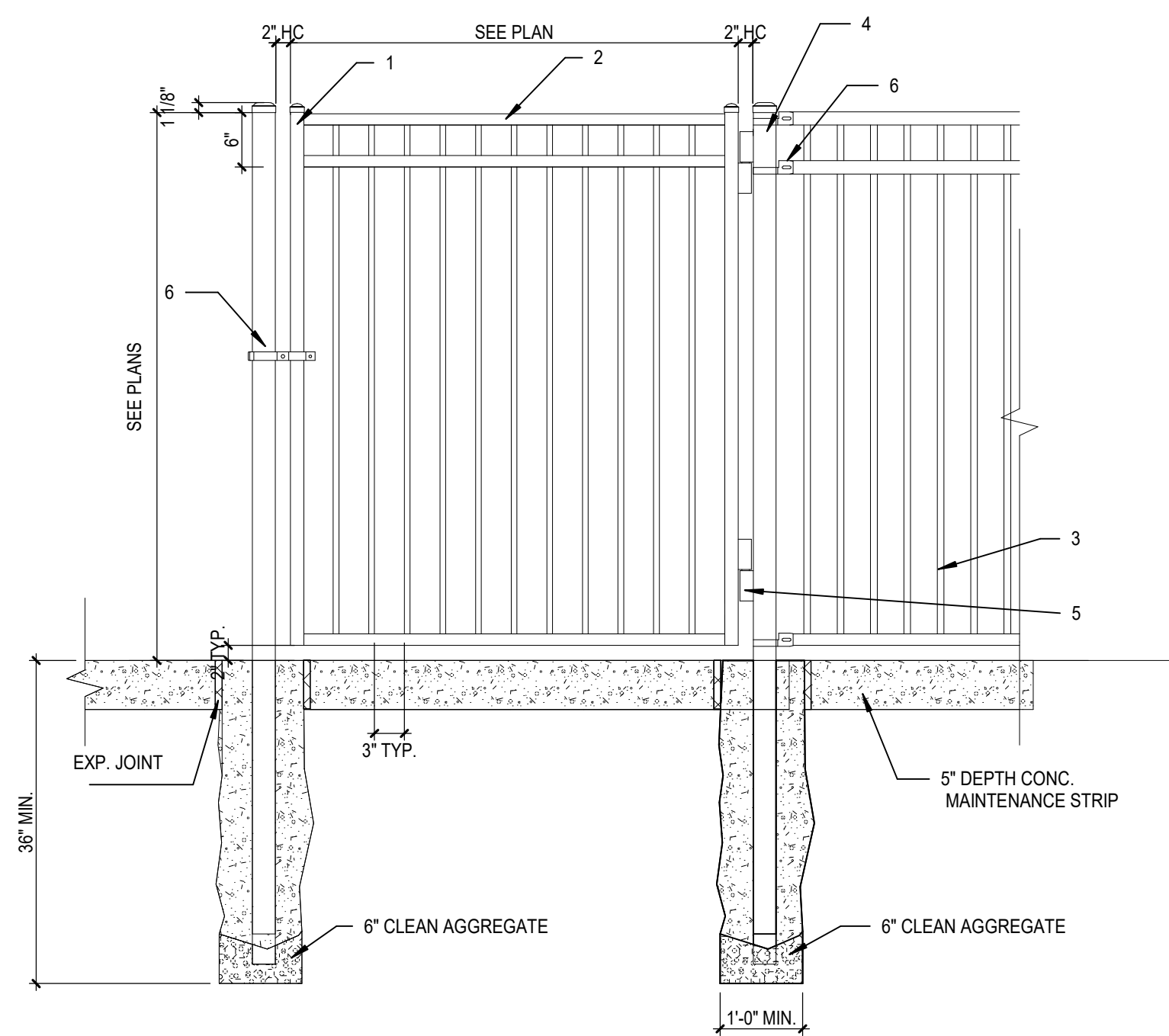
7 6\" ORNAMENTAL FENCE
SCALE: 3/4" = 1'-0"

GATE POST					
GATE LEAF WIDTH	GATE POST (OD)	FABRIC HEIGHT	"A" DIAM	"B" DEPTH	"C" POST EMBED.
3' TO 6'	2.875"	3' TO 5'	12"	42"	40"
		6' TO 9'	14"	42"	44"
		10' TO 12'	16"	46"	48"
7' TO 12'	4.000"	3' TO 5'	14"	42"	40"
		6' TO 9'	16"	42"	44"
		10' TO 12'	18"	46"	48"

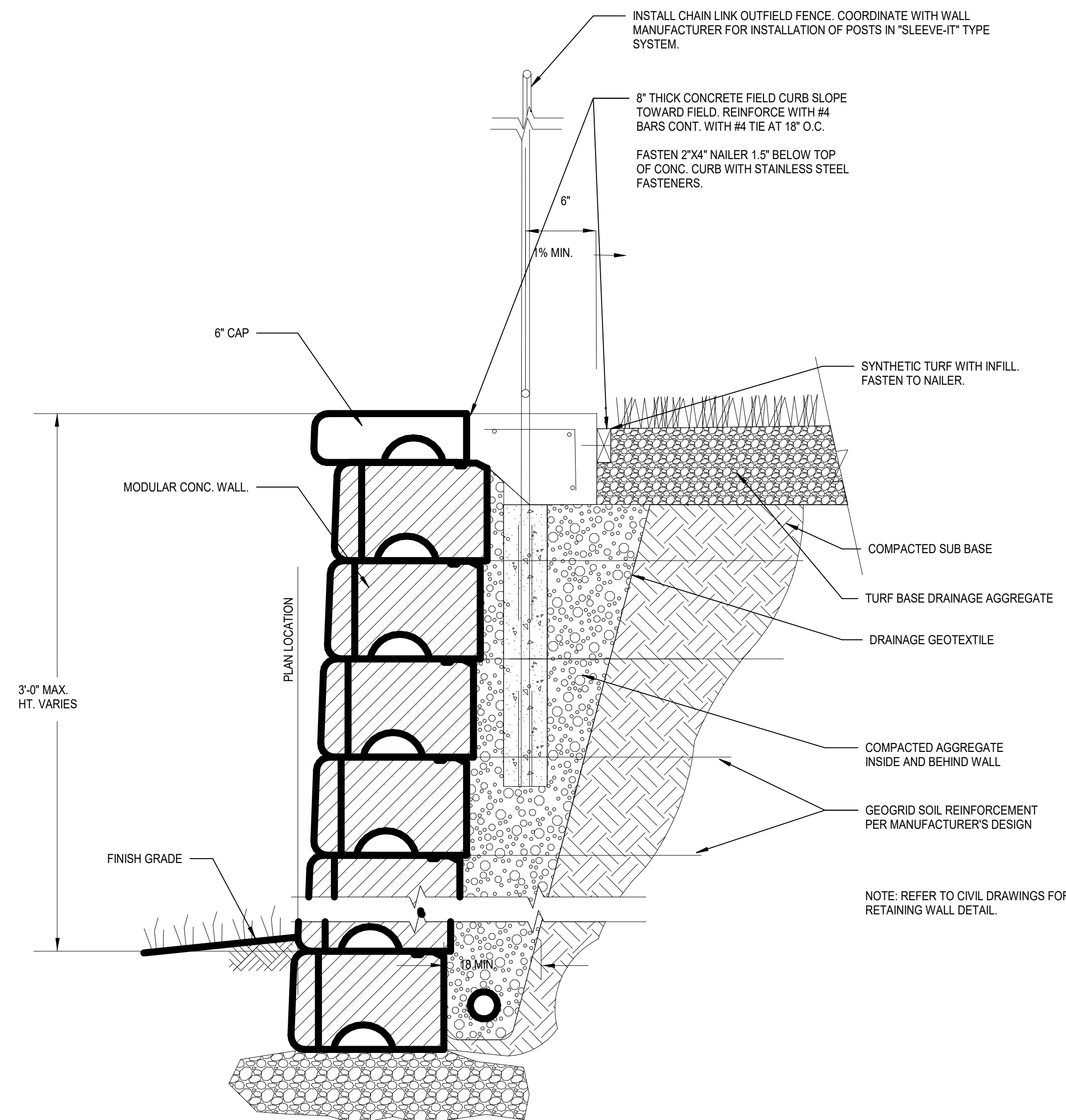
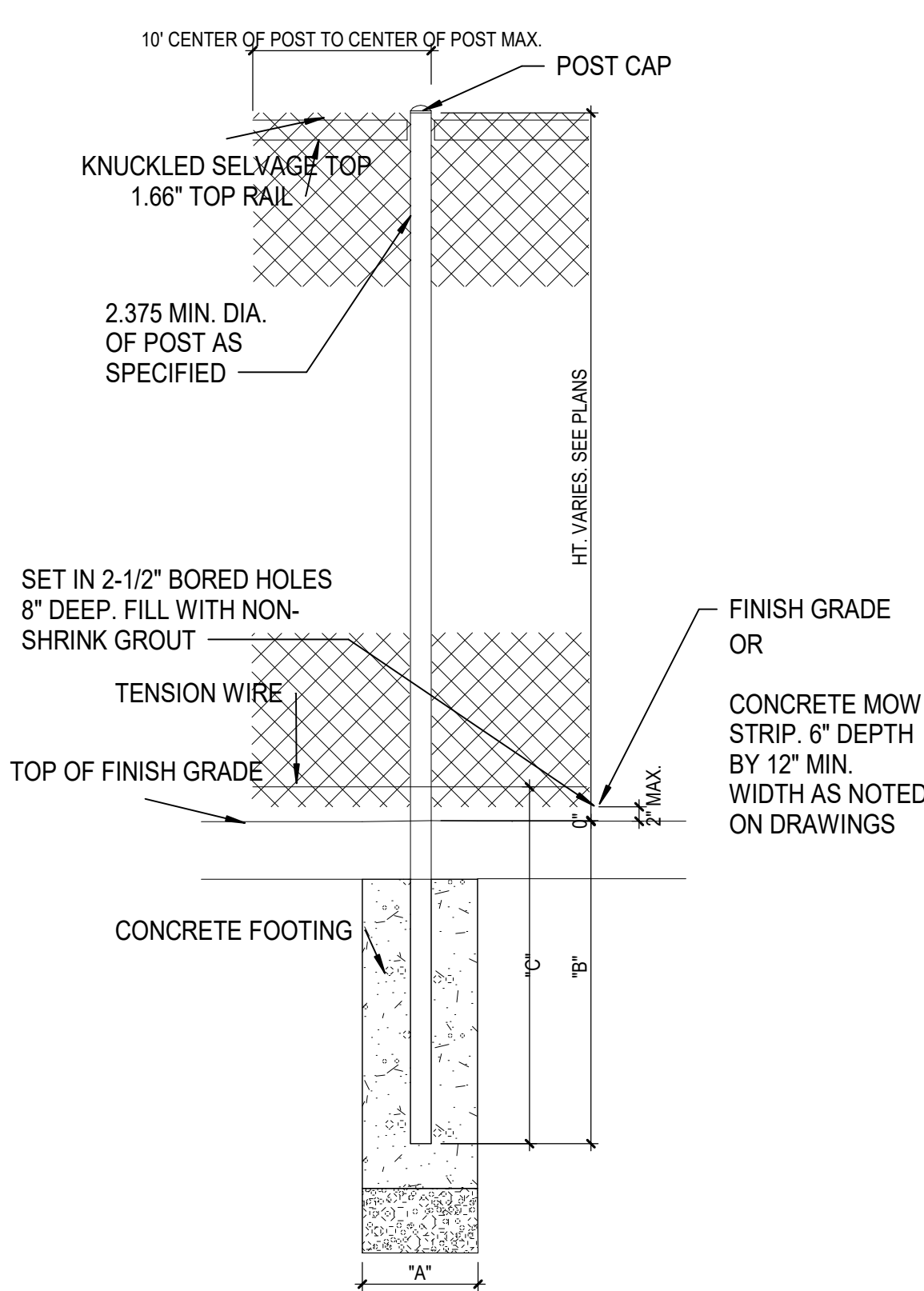
LINE AND TERMINAL POSTS				
FABRIC HEIGHT	TYPE POST	"A" DIAM.	"B" POST DEPTH	"C" MIN. FOOTING DEPTH
3'-0" TO 4'-0"	LINE	12"	36"	38"
	TERMINAL	12"	36"	38"
5'-0"	LINE	12"	36"	38"
	TERMINAL	12"	36"	38"
6'-0" TO 9'-0"	LINE	12"	36"	38"
	TERMINAL	12"	36"	38"
10'-0" TO 12'-0"	LINE	18"	36"	38"
	TERMINAL	18"	48"	52"

NOTE: TERMINAL POSTS INCLUDE END, CORNER AND PULL POSTS

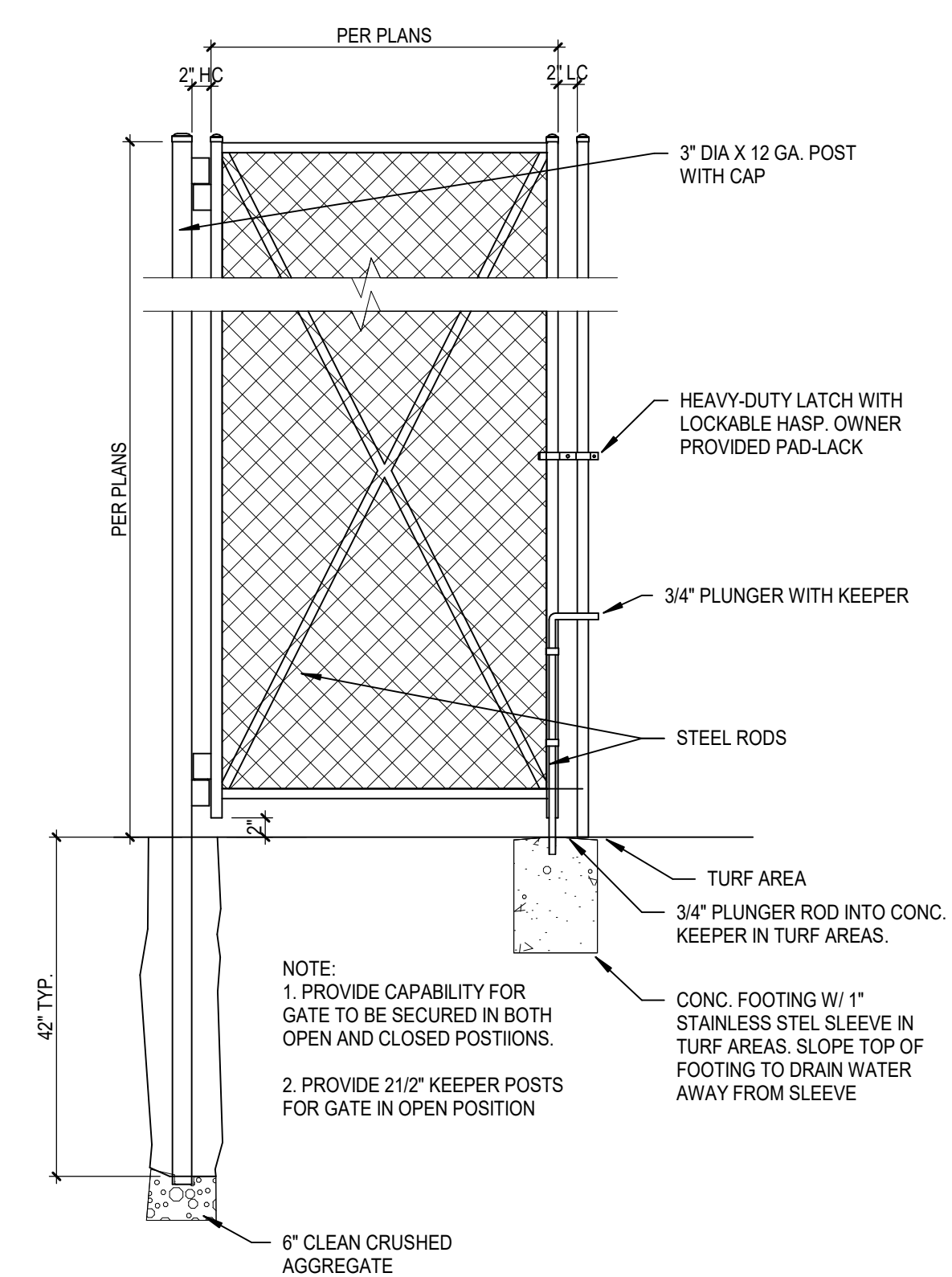
5 CHAIN LINK FENCE
SCALE: 3/4" = 1'-0"



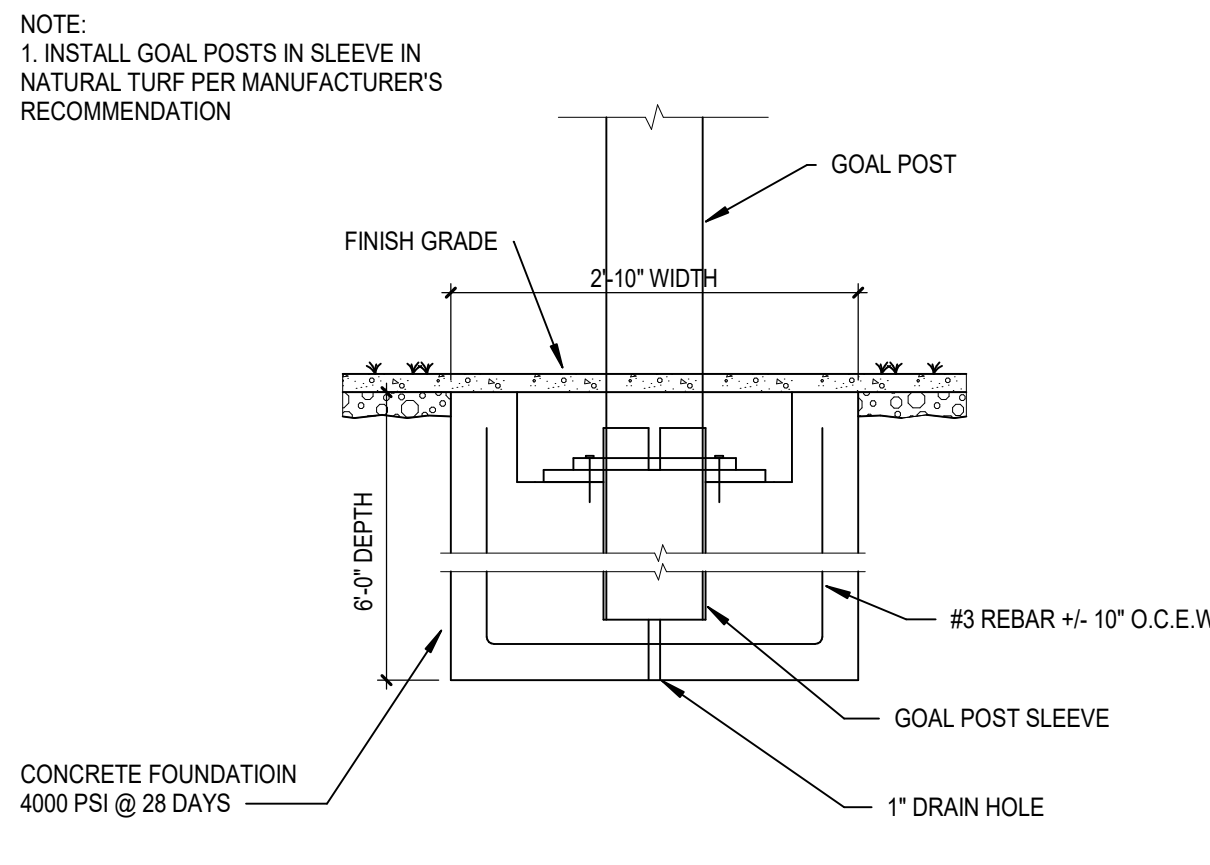
8 6\" ORNAMENTAL GATE
SCALE: 3/4" = 1'-0"



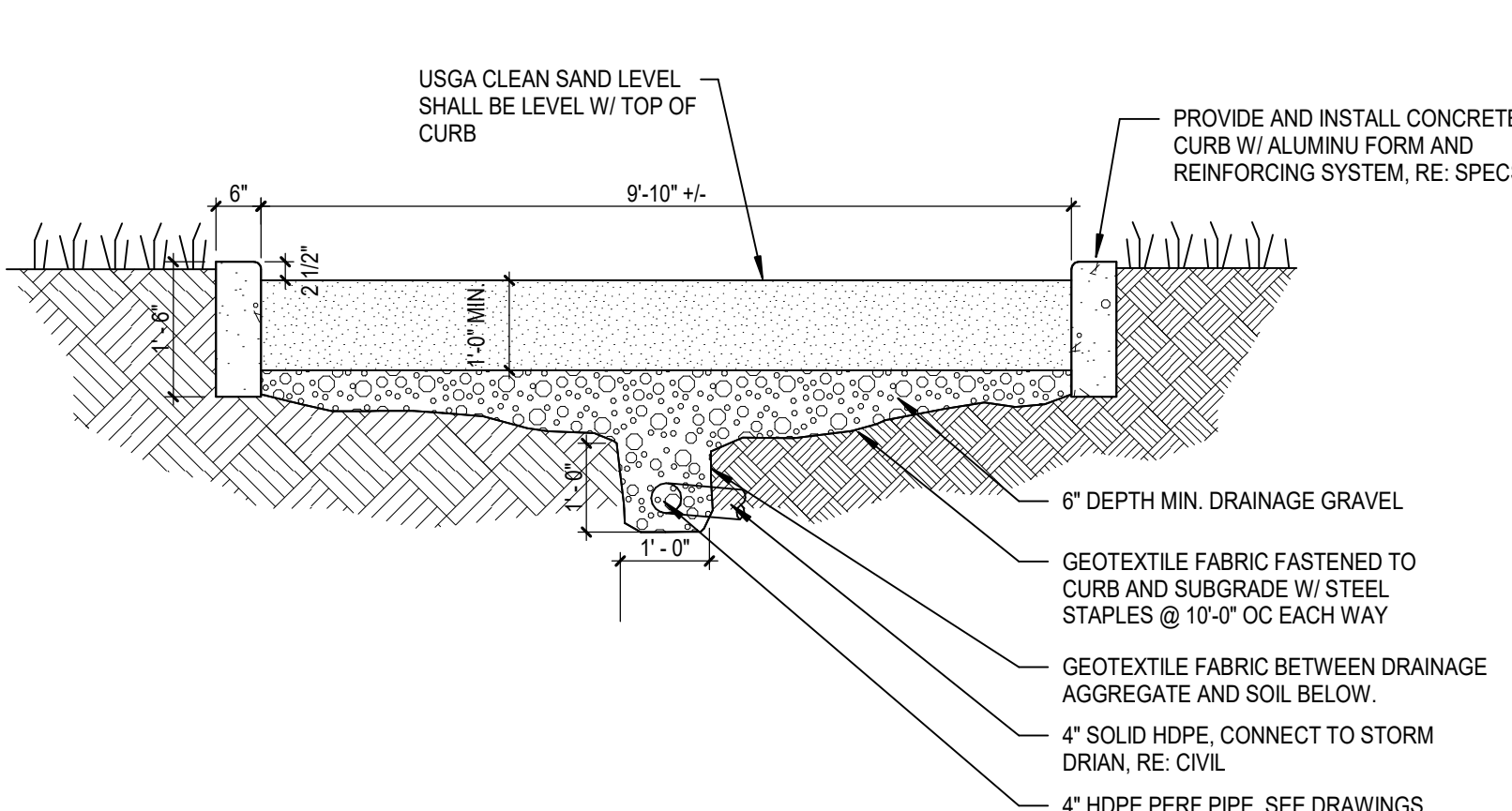
6 FENCE/GUARDRAIL SLEEVE-IT SYSTEM
SCALE: 1 1/2" = 1'-0"



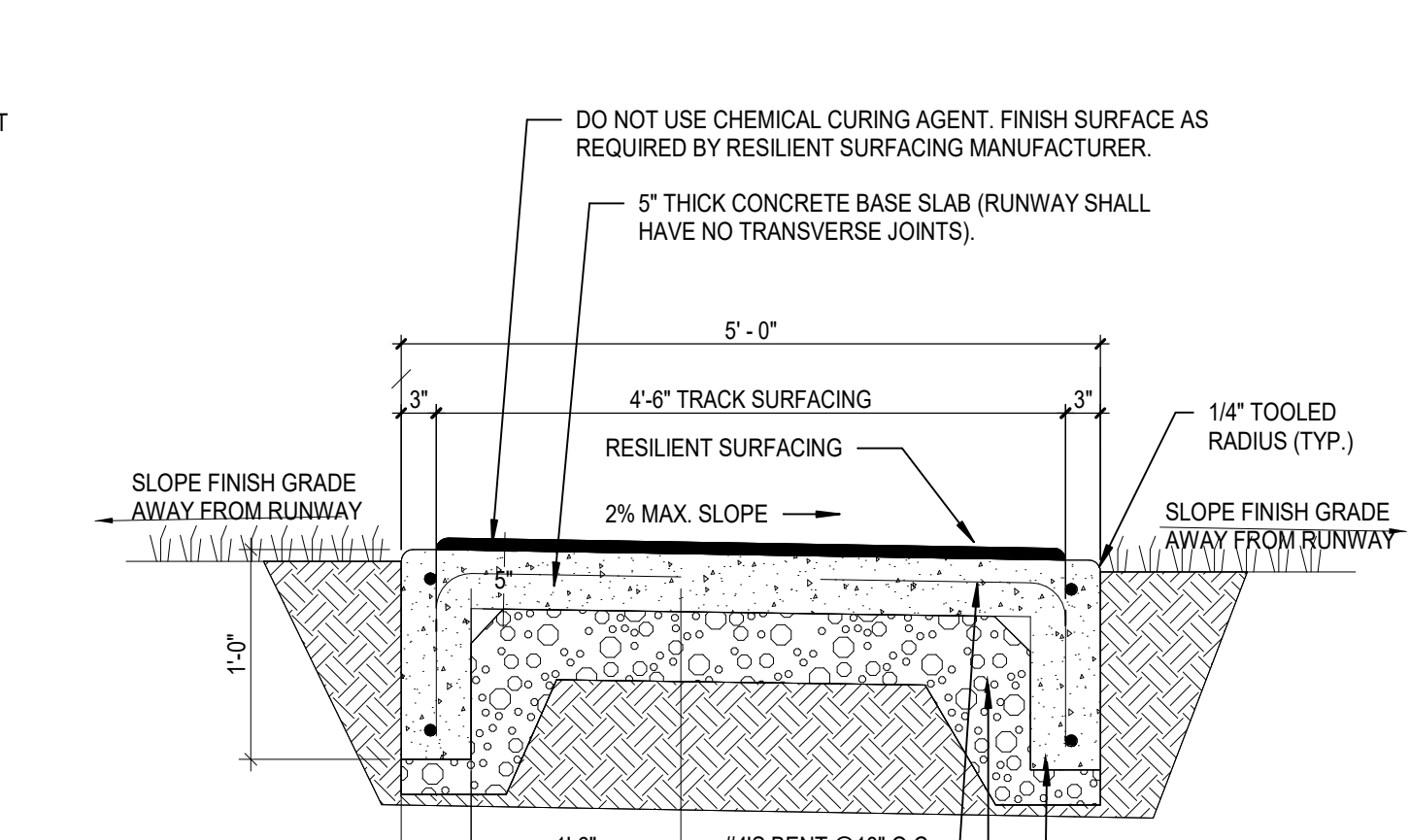
9 3\" CHAINLINK SINGLE GATE
SCALE: 3/4" = 1'-0"



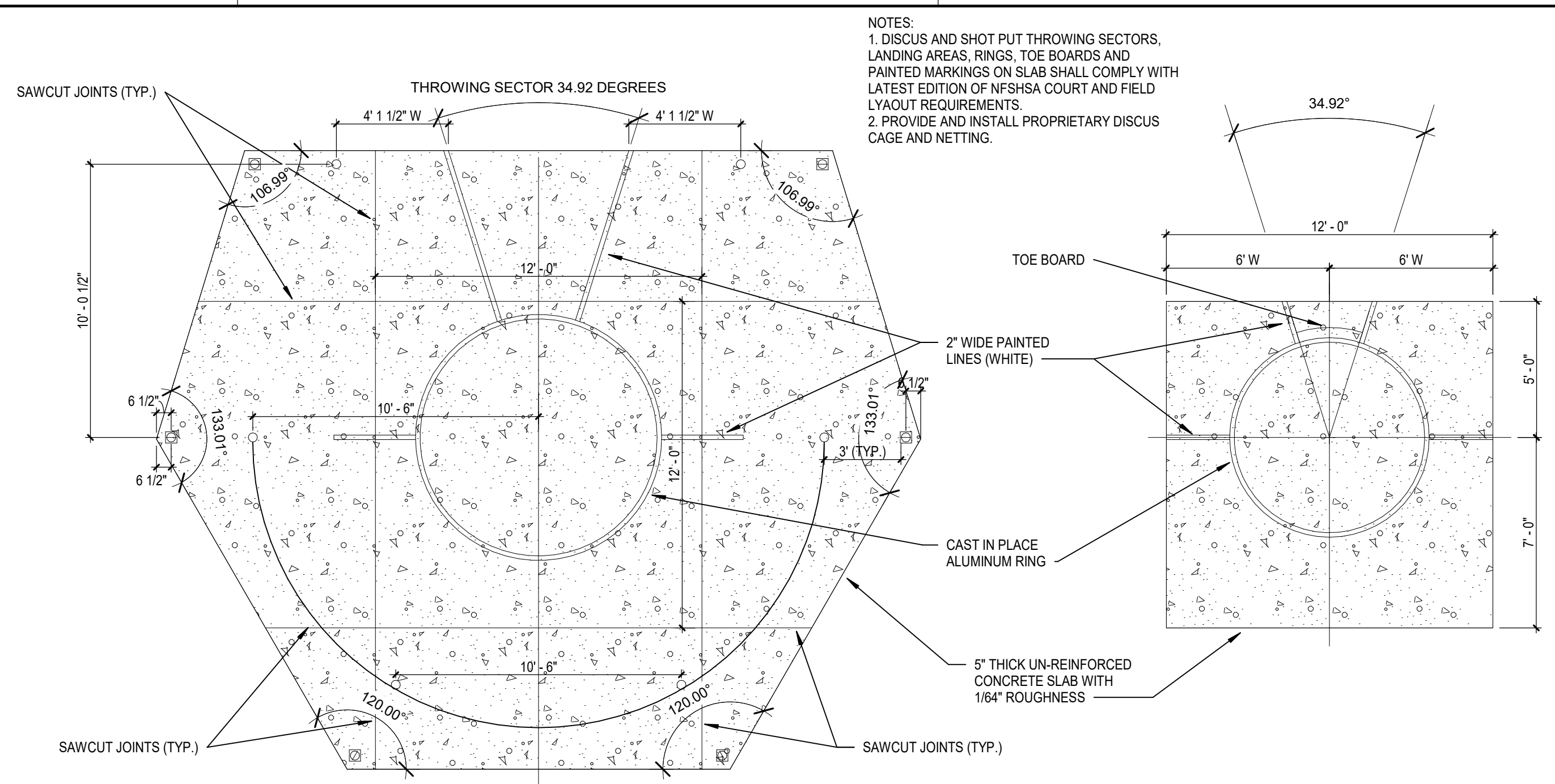
1 Football Goal Post
L4.2 SCALE: 3/4\"/>



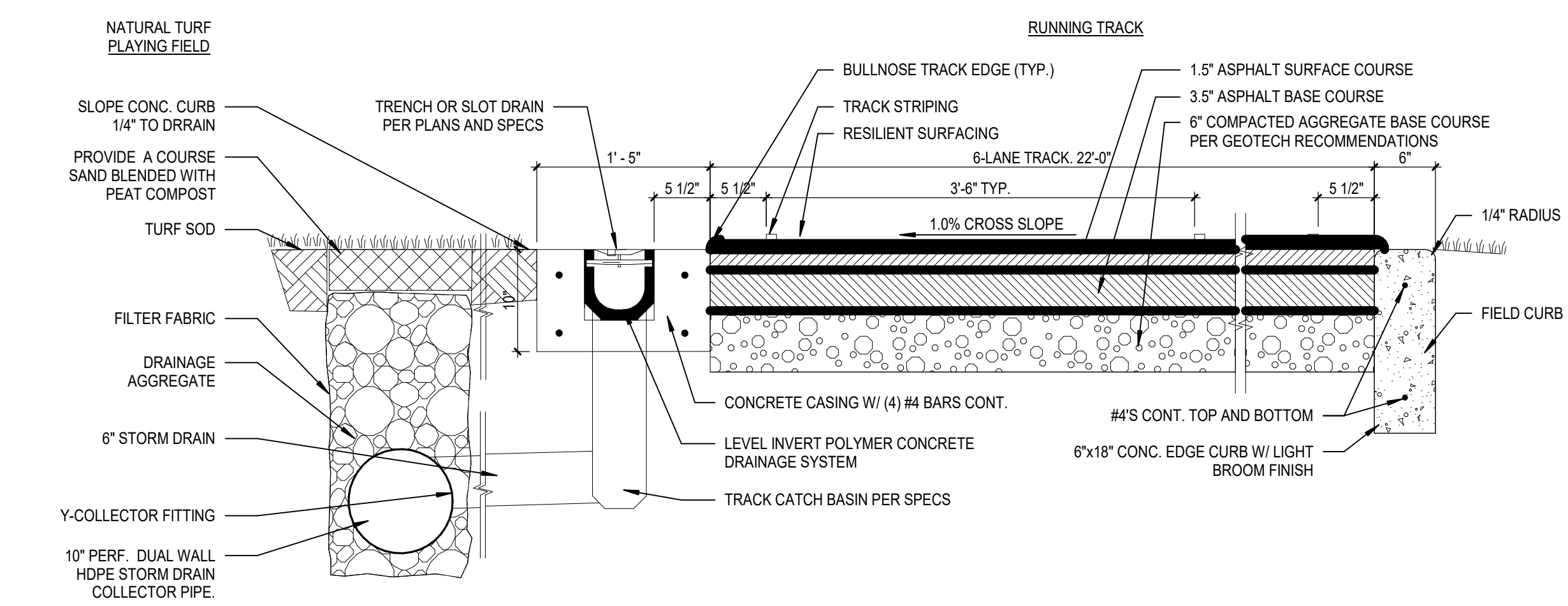
2 Triple/Long Jump Sandpit
L4.2 SCALE: 1 1/2\"/>



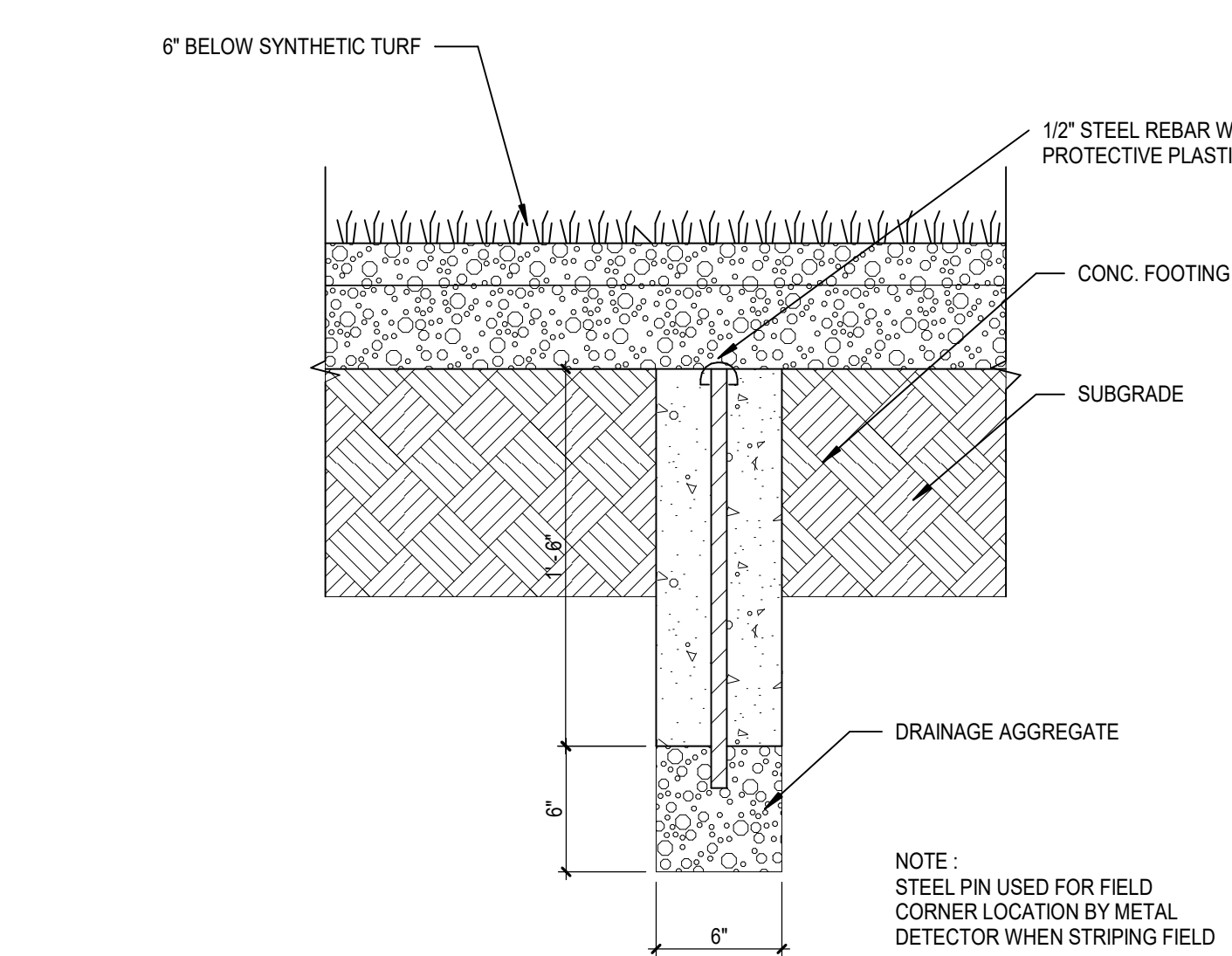
3 Long Triple Runway
L4.2 SCALE: 3/4\"/>



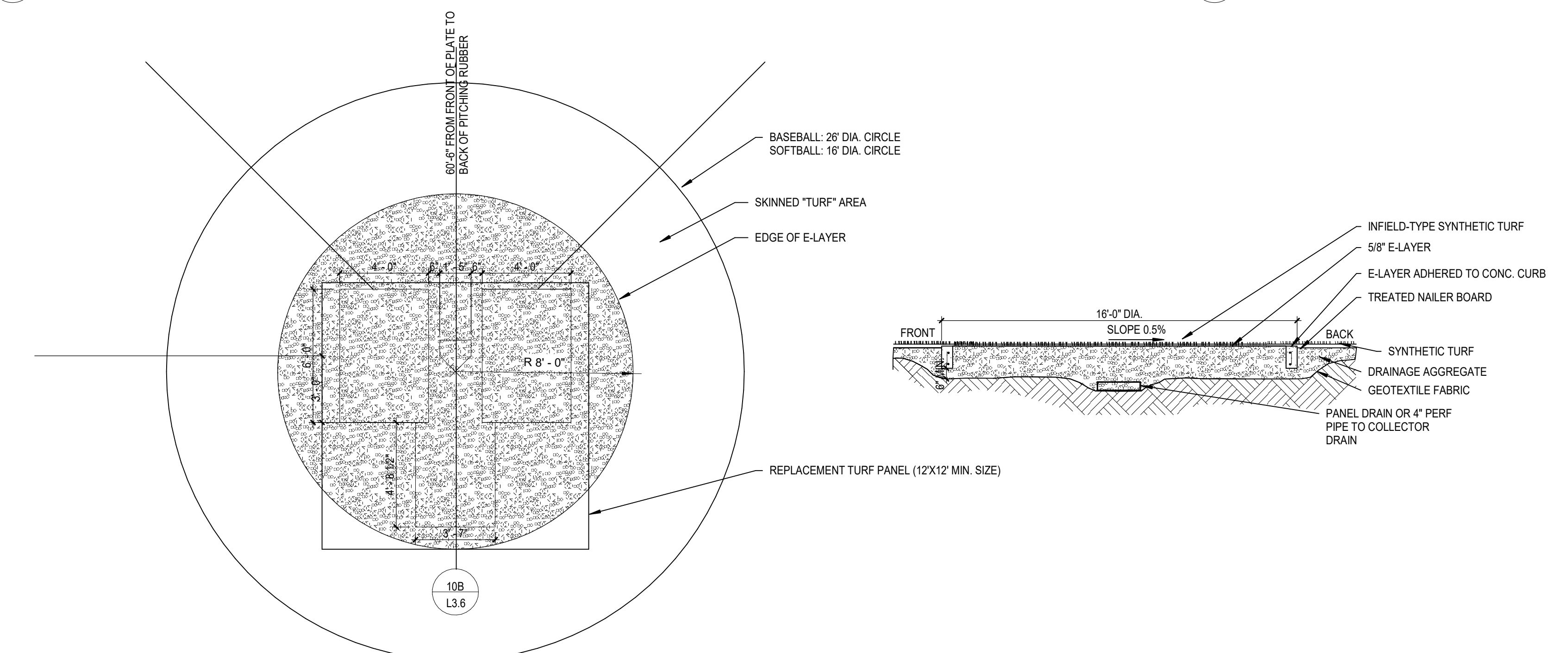
4 Discus + Shot Put Pad
L4.2 SCALE: 1/4\"/>



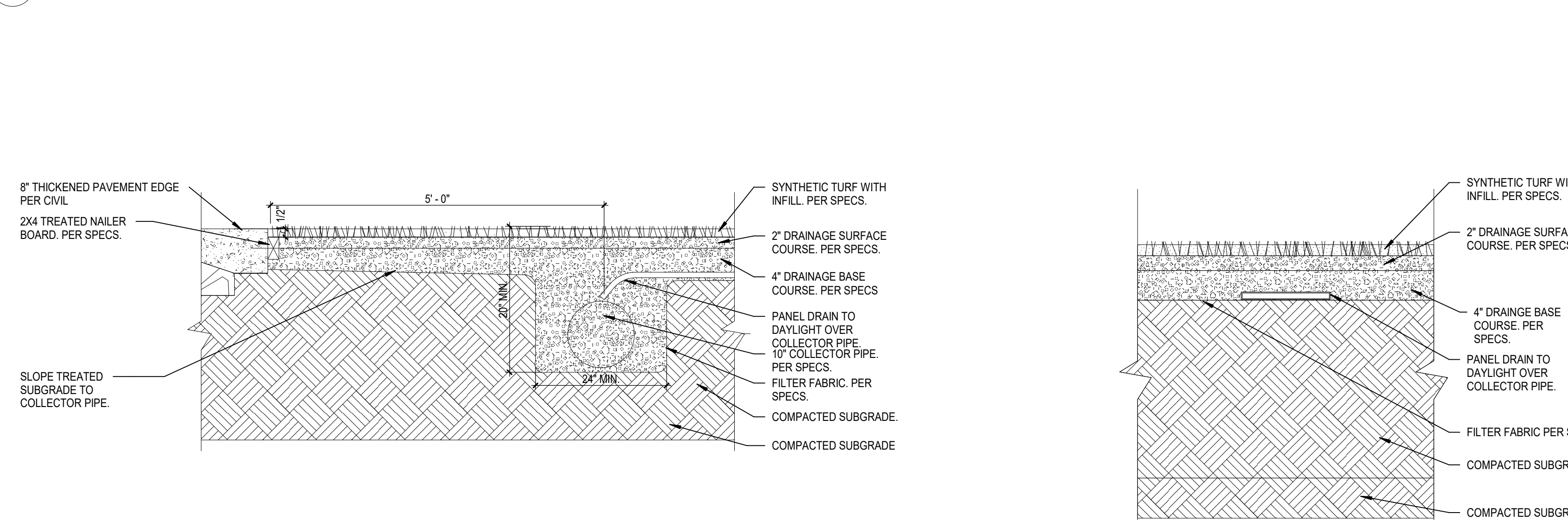
6 TRACK AND TRENCH DRAIN SECTION
L4.2 SCALE: 1\"/>



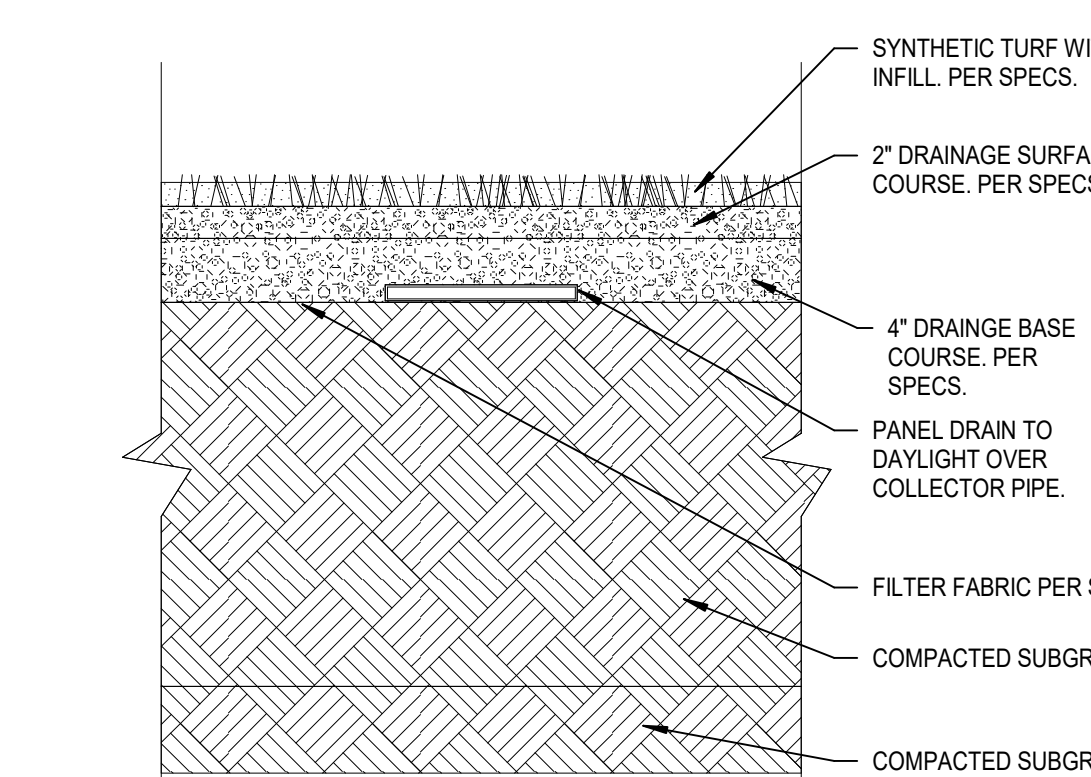
7 Track Radius Monument
L4.2 SCALE: 1 1/2\"/>



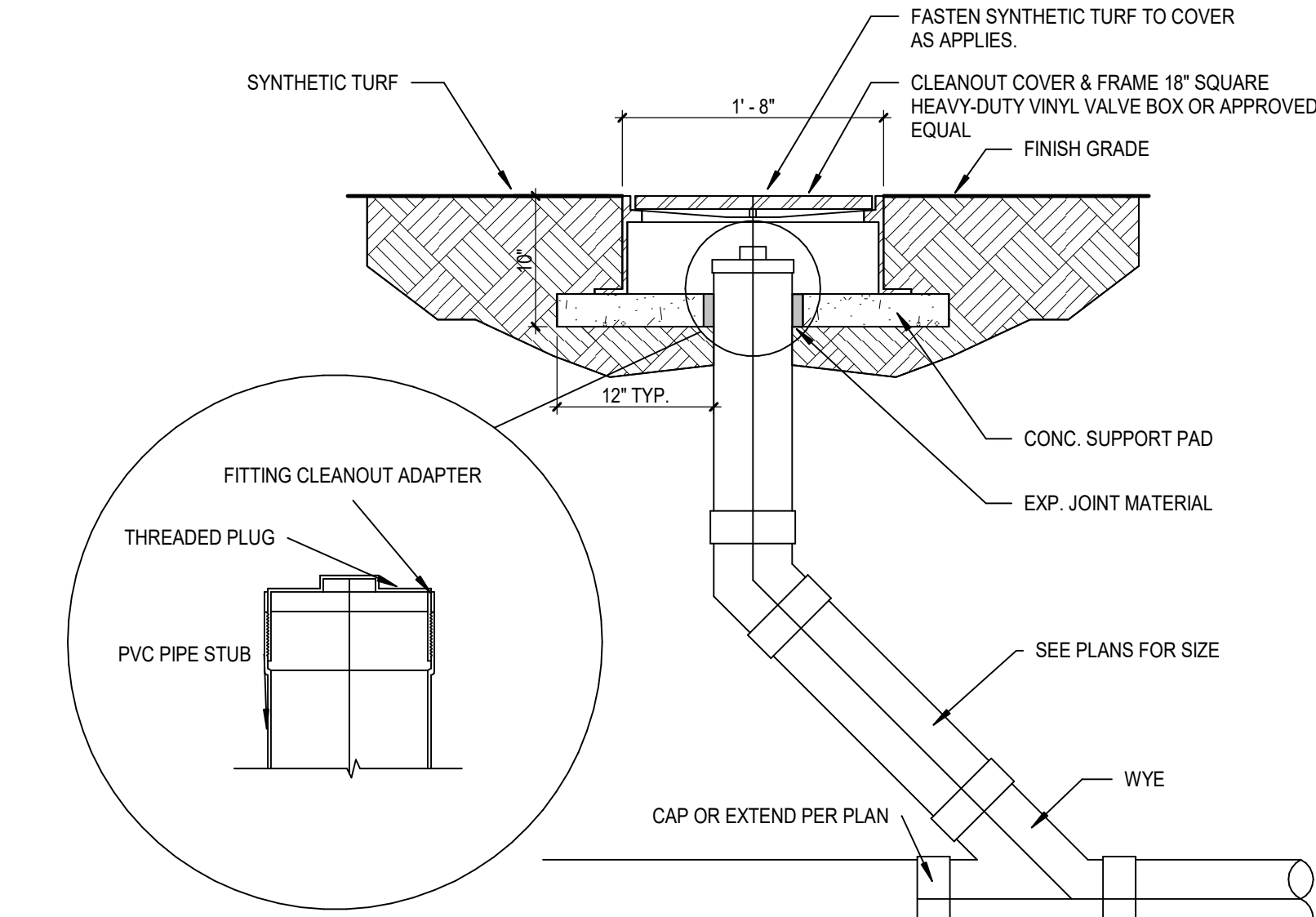
8 Baseball & Softball Homeplate
L4.2 SCALE: 1/4\"/>



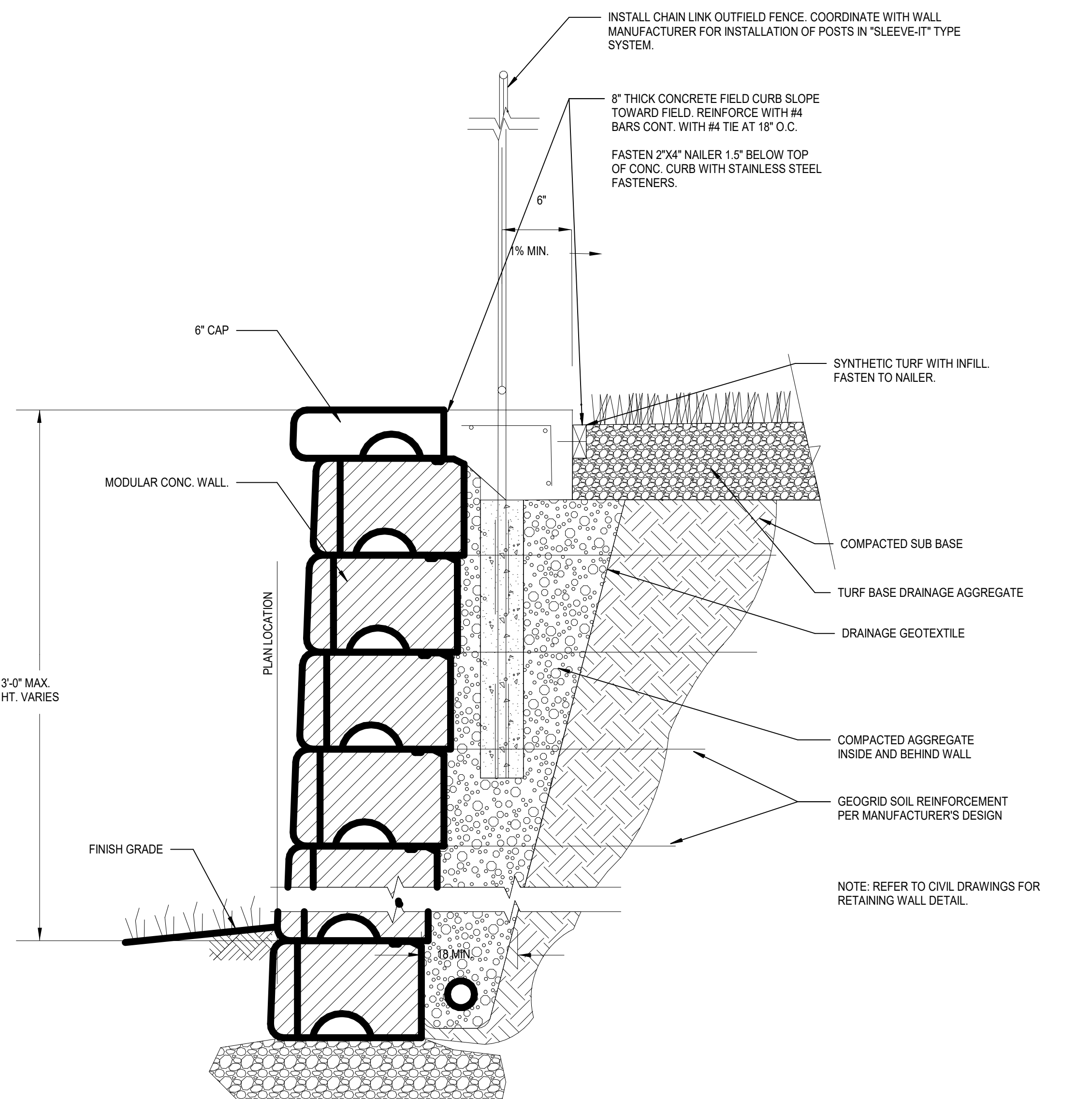
11 Typical Synthetic Turf Section
L4.2 SCALE: 3/4\"/>



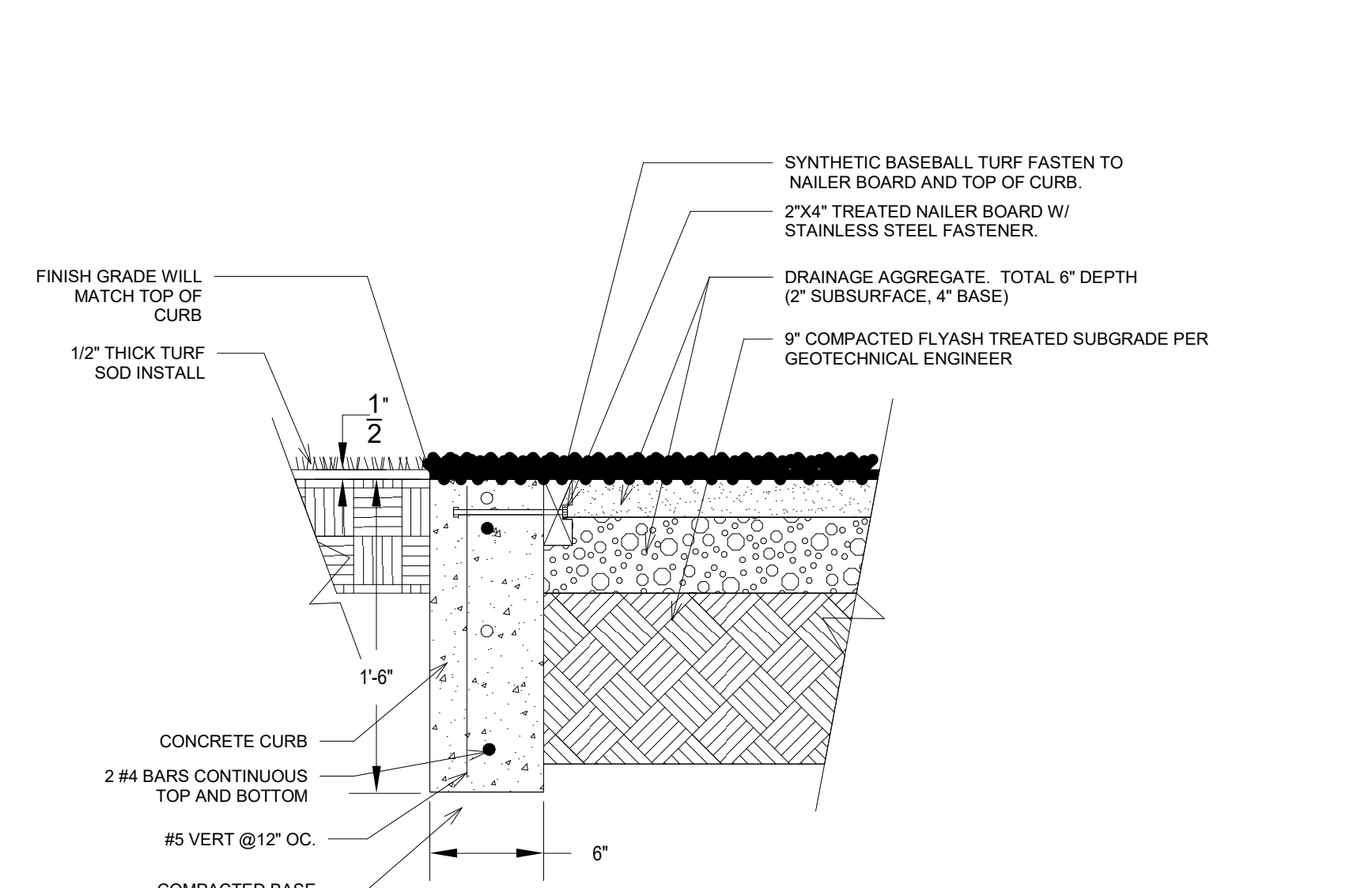
12 Panel Drain
L4.2 SCALE: 1\"/>



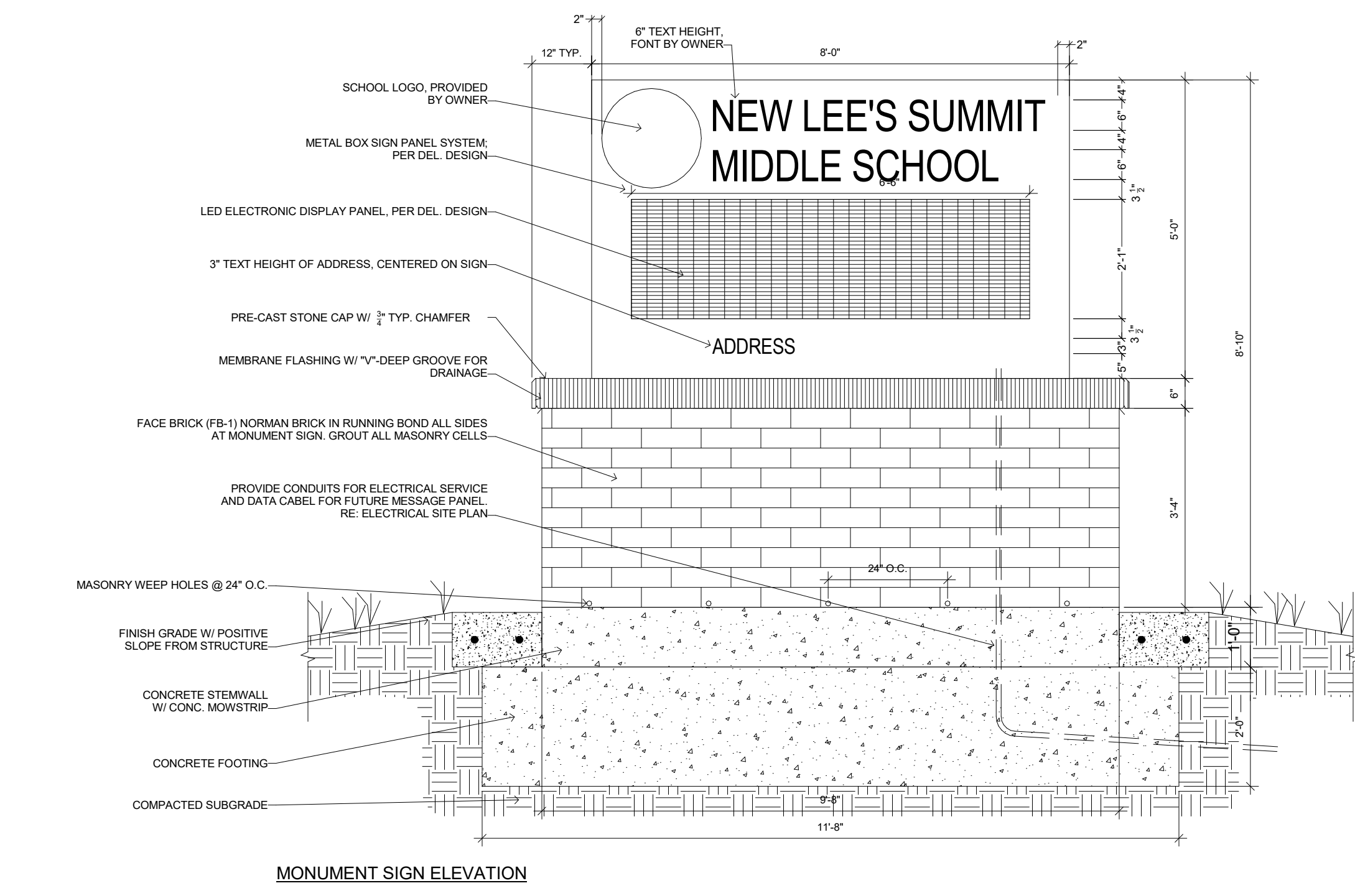
14 Cleanout With Cap
L4.2 SCALE: 1\"/>



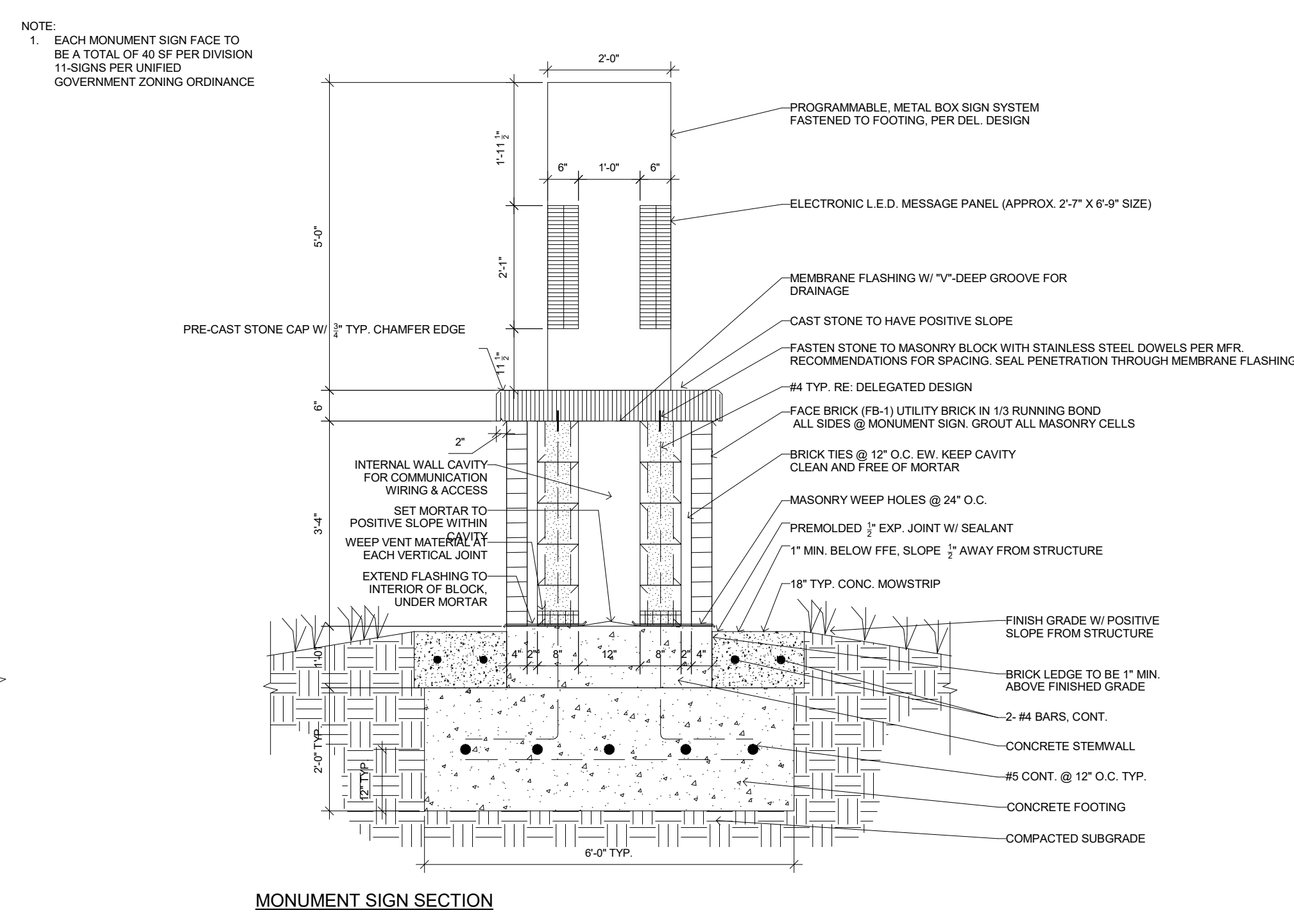
10 Fence at Retaining Wall
L4.2 SCALE: 1 1/2\"/>



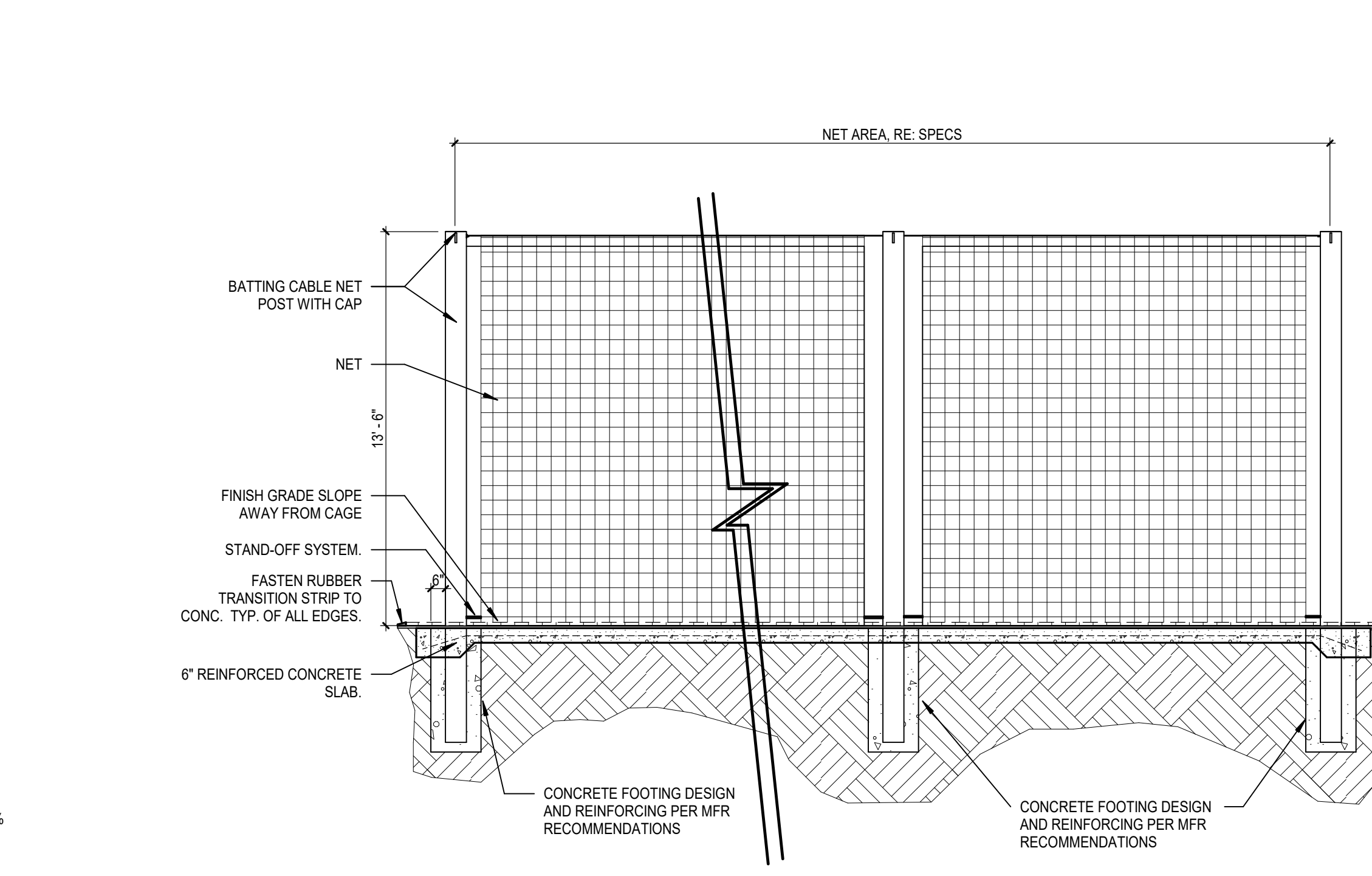
5 Baseball Transition Curb
L4.2 SCALE: 1 1/2\"/>



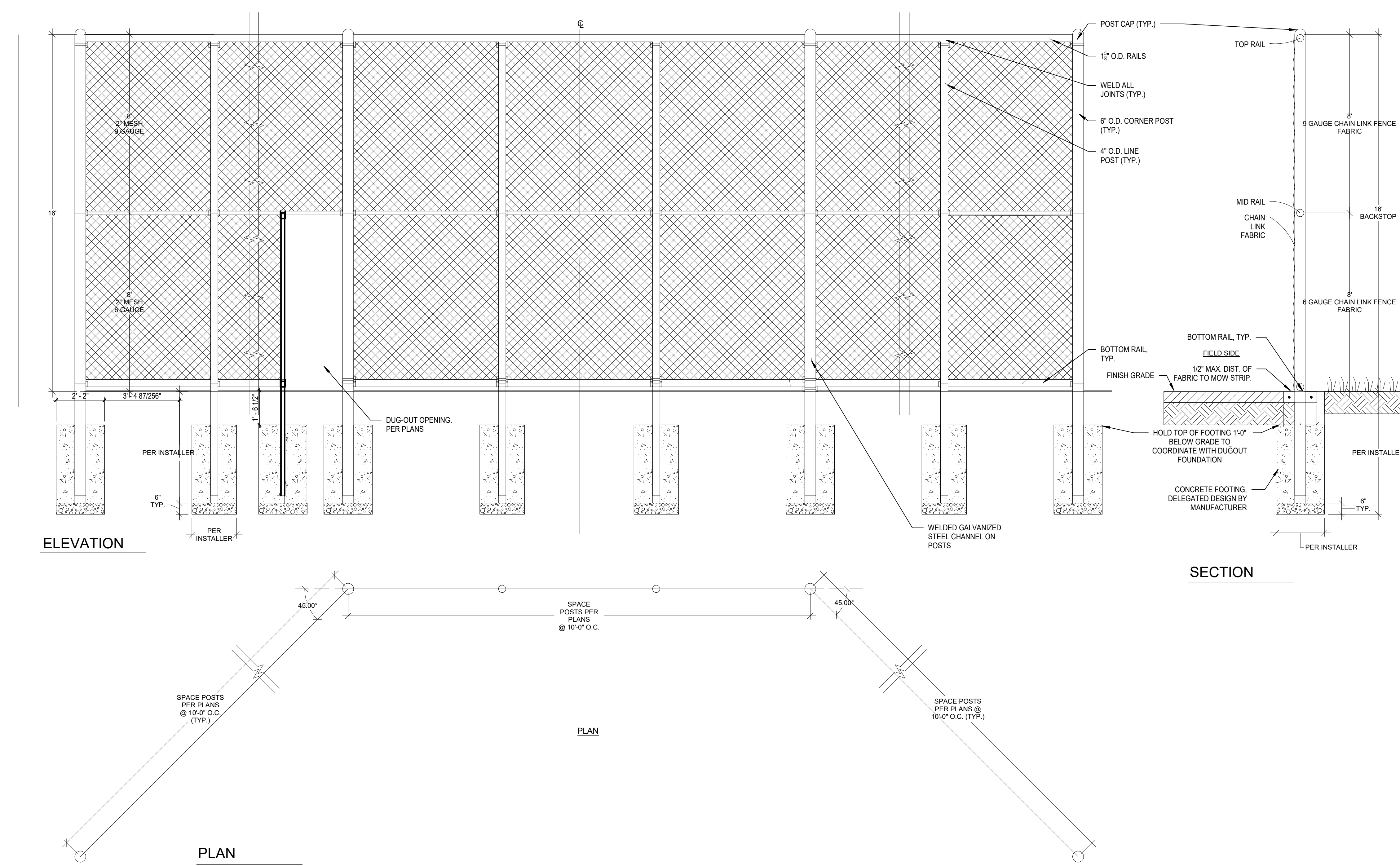
1 MONUMENT SIGNS Copy 1
L4.3 SCALE: 1/2" = 1'-0"



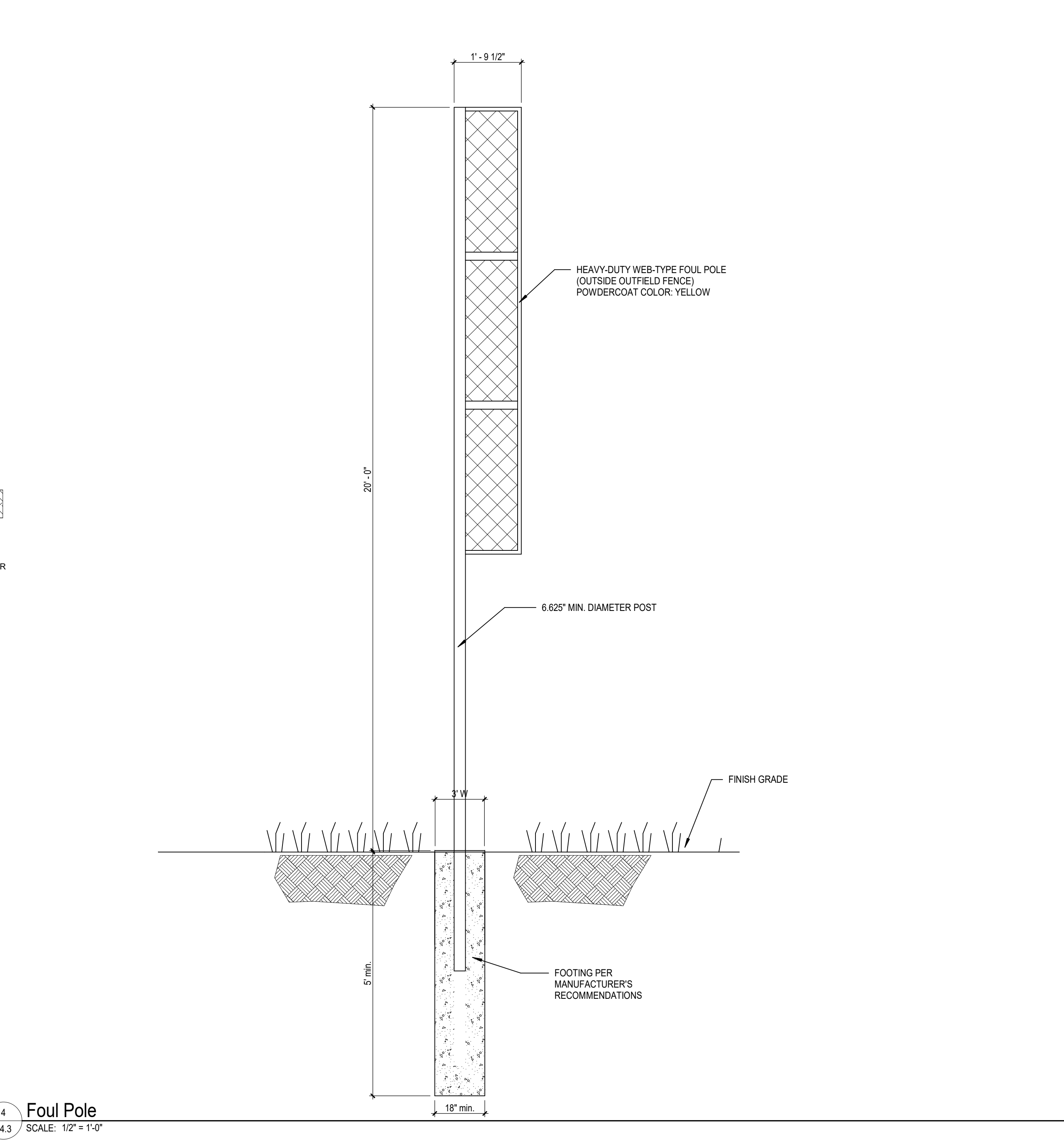
3 Warning Track Section
L4.3 SCALE: 1 1/2" = 1'-0"



5 Batting Cage Detail
L4.3 SCALE: 1/4" = 1'-0"

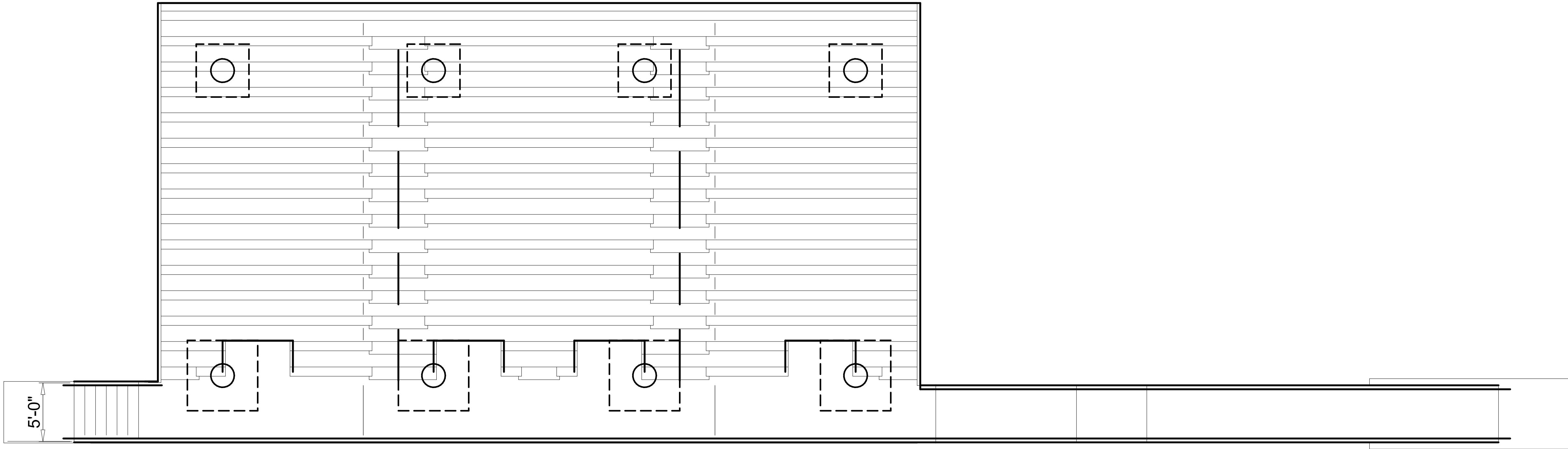


6 Backstop
L4.3 SCALE: 3/8" = 1'-0"

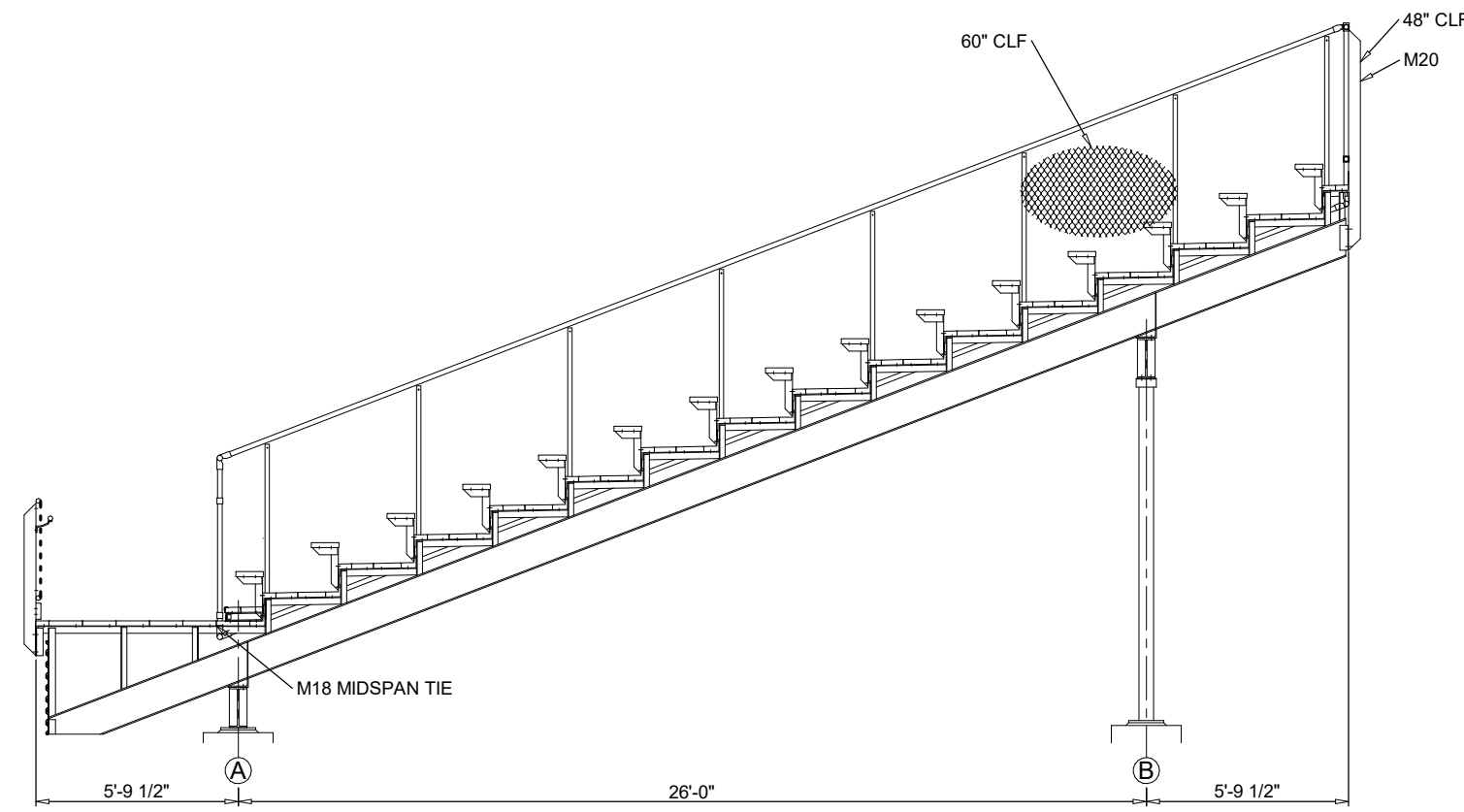


4 Foul Pole
L4.3 SCALE: 1/2" = 1'-0"

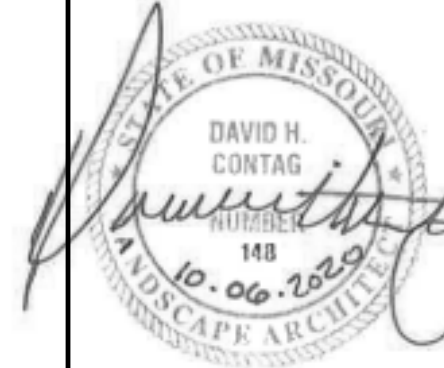
BM 360/13-20102-00_Lee's Summit Middle School 4/13-20102-00_Lee's Summit Middle School 4_LS_2020.rvt
10/7/2020 12:34:54 PM



1
L4.4
Football Bleacher Plan
SCALE: 3/16" = 1'-0"



2
L4.4
Football Section
SCALE: 3/16" = 1'-0"

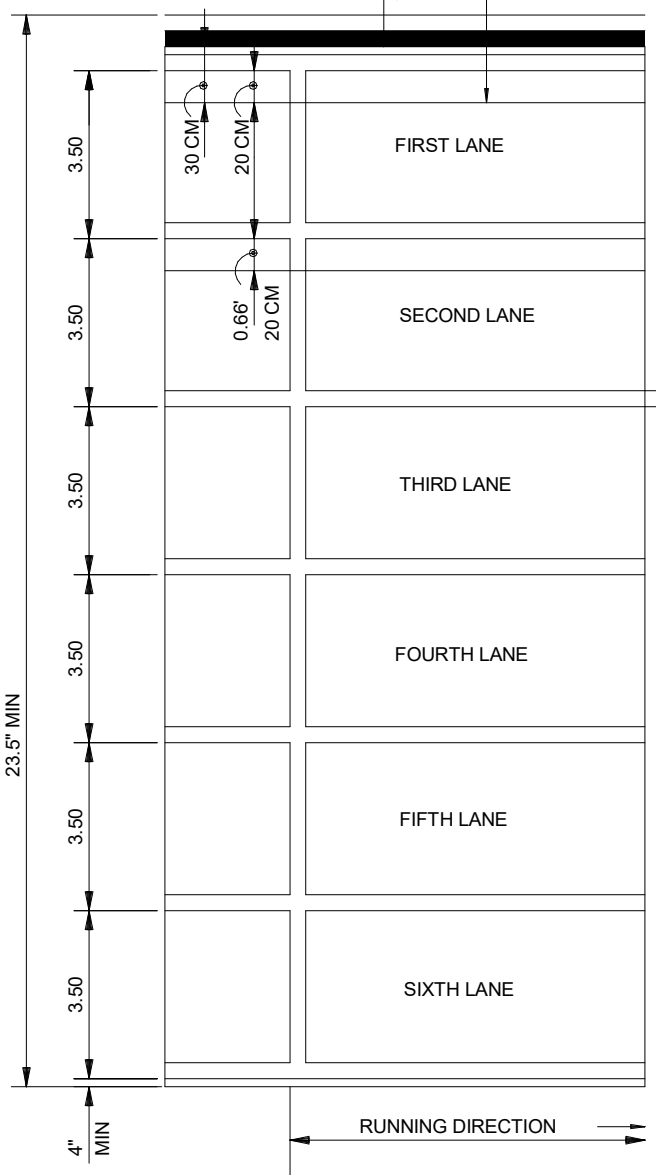


BM 360/13-20102-01 Lee's Summit Middle School 413-20102-00 Lee's Summit Middle School 4_L5_2020.rvt
10/7/2020 12:35:55 PM

1
L4.5 TRACK STRIPING
SCALE: 1" = 20'-0"

TRACK STRIPING PLAN

NTS



400 METER TRACK STRIPING PLAN

NTS

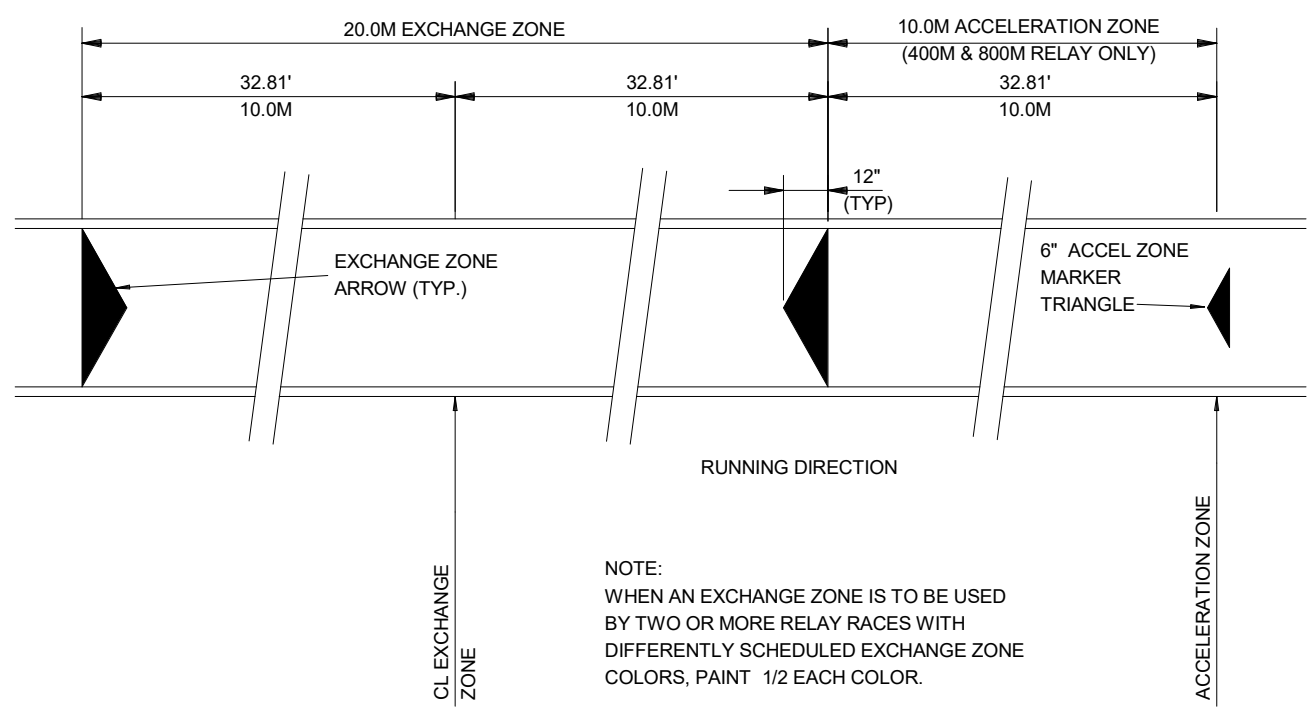
EVENT	TRACK STRIPING SCHEDULE				
	STAGGERED STARTS	START LINE	FINISH LINE	HURDLE MARK	RELAY * EXCHANGE ZONE
100M DASH	---	WHITE	WHITE	---	---
100M LOW HURDLE (GIRLS)	---	WHITE	WHITE	YELLOW	---
110M HIGH HURDLE (BOYS)	---	WHITE	WHITE	BLUE	---
200M DASH	1 STAGGER	WHITE	WHITE	---	---
300M LOW OR INTER-MEDIATE HURDLE	1 STAGGER	WHITE	WHITE	RED	---
400M DASH	2 STAGGERS	WHITE	WHITE	---	---
400M RELAY	2 STAGGERS	WHITE	WHITE	---	YELLOW
800M RUN	1 STAGGER	GREEN	WHITE	---	---
800M RELAY	4 STAGGERS	RED	WHITE	---	RED (1st & 2nd) YELLOW (3rd)
1600M RUN	1 STAGGER	GREEN	WHITE	---	---
1600M RELAY	3 STAGGERS	BLUE	WHITE	---	BLUE
3200M RUN	1 STAGGER	GREEN	WHITE	---	---

* ACCELERATION ZONE MARKER TRIANGLE SAME COLOR AS EXCHANGE ZONE ARROWS

6-LANES (LANE WIDTH = 3'-6") 400 METER TRACK

RELAY EXCHANGE ZONE LAYOUT

NTS



TRACK NOTES:
1. RUNNING TRACK SHALL BE STRIPED FOR ALL OF THE EVENTS SANCTIONED IN THE STATE. THE TRACK IS BEING CONSTRUCTED FIELD VERIFY ALL TRACK DIMENSIONS PRIOR TO STRIPING TO CONFIRM MEASURE LINE AT 400M TRACK CIRCUMFERENCE AND EVEN LAYOUT FOR REQUIREMENTS.

PANT STRIPING OF METRO TRACK SHALL CONFORM WITH THE NATIONAL FEDERATION OF STATE HIGH SCHOOL ASSOCIATION AND BE APPROVED BY EACH INDIVIDUAL STATE WHERE THE TRACK IS LOCATED. FINAL RULING ON METRO TRACK STRIPING BY NFHS IS JANUARY 2012, OR LATEST EDITION.

2. TRACK STRAIGHT-A-WAY SHALL BE STRIPED FOR LEFT-TO-RIGHT AND RIGHT-TO-LEFT RUNNING OF THE 100M DASH, 100M HURDLES, AND 110M HURDLES.
3. RUNNING TRACK LANE NUMBERS SHALL BE 3'-0" TALL. LETTERING STYLE SHALL BE HELVETICA MEDIUM.
4. ALL EVENTS STARTS, FINISHES, HURDLES, AND EXCHANGE ZONES SHALL BE LABELED WITH SINGLE TALL HELVETICA MEDIUM STENCILED LETTERS. LETTERING COLOR SHALL MATCH MARKINGS BEING IDENTIFIED. LABELS SHALL BE ON RIGHT 1/2.
5. PRIOR TO PAINT STRIPING THE TRACK, THE PAINTER SHALL MEET WITH THE ATHLETIC DIRECTOR, TRACK COACHES, AND ARCHITECT TO REVIEW THE STRIPING PLAN AND EVENTS COLORS, LANE NUMBERS, AND EXCHANGE ZONE MARKINGS. MAKE MINOR ADJUSTMENTS AS DIRECTED.
6. THE STRIPER SHALL INCLUDE ANY COSTS FOR PROFESSIONAL SURVEYING SERVICES IN HIS COST AS REQUIRED TO MEET STATE CERTIFIED TRACK REGULATIONS. FIELD VERIFY EXISTING TRACK DIMENSIONS AND MAKE NECESSARY LANE STRIPING ADJUSTMENTS ON THE EXISTING ASPHALT TRACK TO PROVIDE THE TRACK EVENT DIMENSIONS REQUIRED BY NATIONAL FEDERATION OF STATE HIGH SCHOOL ASSOCIATIONS.
7. LANE STRIPING DIMENSIONS SHOWN ON 1" = 20' PLAN ARE TO THE INNER SIDE OF THE (LANE STRIPE).
8. PROVIDE POSITIVE SLOPES ON PAVEMENT AND/OR FINISH GRADES AWAY FROM ALL TRACK EVENT SURFACES.

TRACK EVENT STRIPING PLAN WILL BE REVIEWED AND APPROVED BY ATHLETIC DIRECTOR OR TRACK COACH. SIGNATURE BELOW INDICATES APPROVAL.

SIGNATURE _____ TITLE _____ DATE _____

LEE'S SUMMIT MIDDLE SCHOOL #4
LEE'S SUMMIT R-7 SCHOOL DISTRICT

1001 SE BAILEY ROAD
LEE'S SUMMIT, MO 64081

PACKAGE 3 -
BUILDING & SITE
10/08/20
REVISIONS

13-20102

LANDSCAPE
DETAILS

L4.5

Consultant Logo

Project
Logo