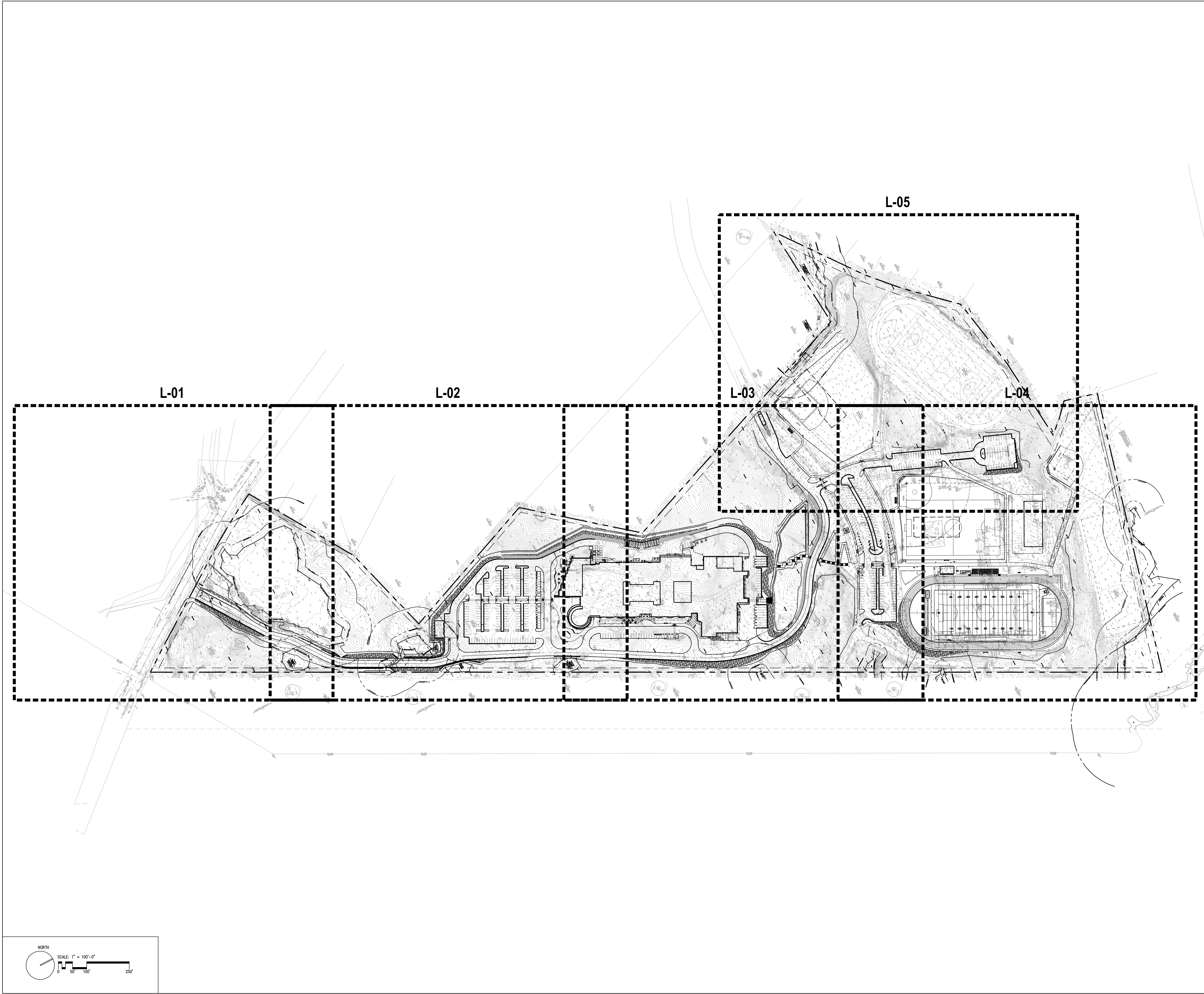




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Submission  
December 13, 2023

KEY PLAN

PROJECT NORTH

MAGNETIC NORTH

**OVERALL  
SITE PLAN**

Scale: 1" = 30'-0"

Job No.: 20202.00

Drawn By: JM

Date: January 13, 2023

**L000**

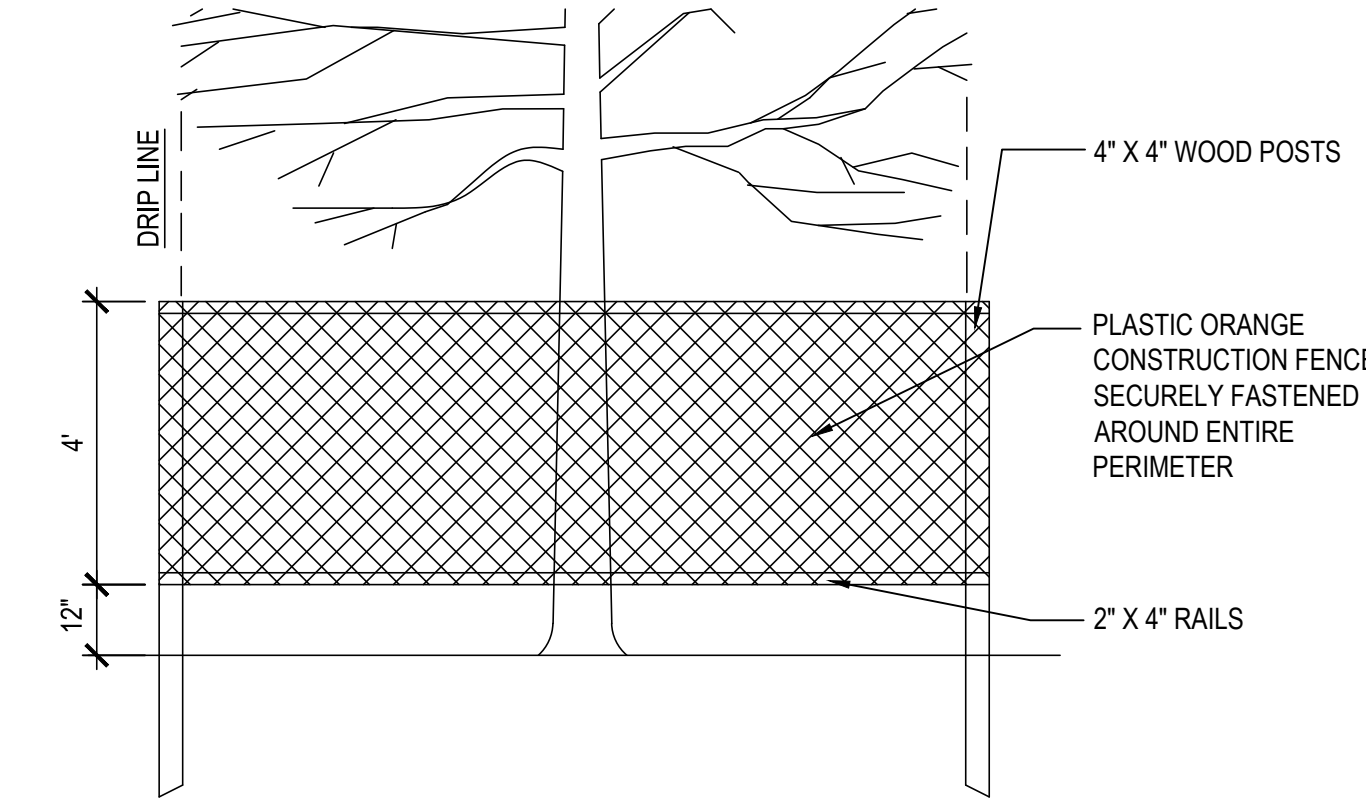
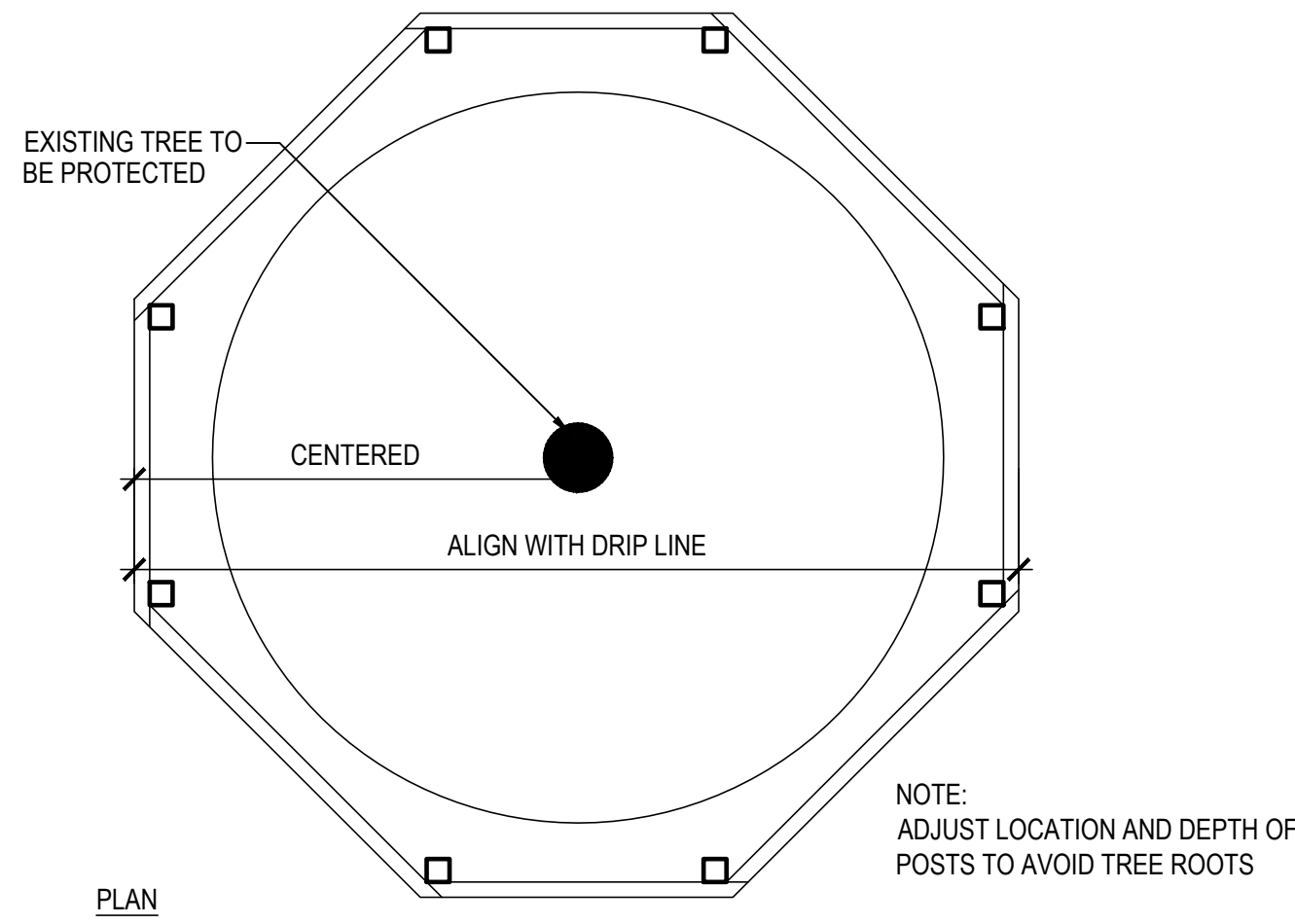


SITE PREPARATION NOTES:

- EXISTING CONDITIONS INFORMATION IS FROM A SURVEY PERFORMED BY NITSCH ENGINEERING 120 FRONT STREET, SUITE 820 WORCESTER, MA 01608, DATED JUNE 3, 2020.
- REFER TO DOCUMENT 003100-AVAILABLE PROJECT INFORMATION; FOR GEOTECHNICAL REPORT AND HAZARDOUS MATERIAL SUMMARY REPORT.
- REFER TO RECORD DRAWINGS OF ORIGINAL BUILDING CONSTRUCTION FOR EXISTING BUILDING DETAILS.
- CONTRACTOR SHALL REMOVE ALL EXISTING STRUCTURES, FOOTINGS, PAVEMENT, WALKS, WALLS, STAIRS, TREES AND SHRUBS NECESSARY TO COMPLETE THE WORK UNDER THIS CONTRACT. ALL ITEMS, INCLUDING BUT NOT LIMITED TO, STRUCTURES AND RELATED FOOTINGS, SITE AMENITIES, FENCES AND FENCE FOOTINGS, HAND RAILS, SIGNS, LIGHT POSTS AND LIGHT POST FOOTINGS LOCATED WITHIN THE LIMIT OF WORK LINE SHALL BE REMOVED AND LEGALLY DISPOSED OF UNLESS NOTED OTHERWISE. REFER TO CIVIL, ARCHITECTURAL, AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION REGARDING REMOVAL AND DEMOLITION REQUIREMENTS.
- ITEMS TO BE SALVAGED SHALL BE STORED ON-SITE WITHIN CONSTRUCTION FENCING AND SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION.
- SALVAGE ALL SITE SIGNAGE REQUIRED TO BE REMOVED BY THE WORK OF THIS PROJECT, AND PROVIDE TO OWNER'S REPRESENTATIVE. DISPOSE OF FOOTINGS AND DAMAGED POSTS.
- REFER TO CIVIL DRAWINGS FOR TREATMENT OF EXISTING SITE UTILITIES AND DRAINAGE SYSTEMS. REFER TO ELECTRICAL SITE PLANS FOR TREATMENT OF EXISTING SITE ELECTRICAL.
- REFER TO CIVIL DRAWINGS AND STORMWATER POLLUTION PREVENTION PLAN FOR EROSION AND SEDIMENTATION CONTROL.
- REFER TO GEOTECHNICAL INFORMATION FOR SUBSURFACE EXPLORATION LOCATIONS AND INFORMATION.
- REFER TO GEOTECHNICAL INFORMATION AND EARTH MOVING SPECIFICATION SECTION-321000 FOR ROCK AND LEDGE BLASTING AND/OR REMOVAL.
- EXISTING FOUNDATIONS AND BELOW GRADE REMAINS OF THE FORMER BUILDING(S) SHALL BE REMOVED AND DISPOSED IN THEIR ENTIRETY.
- CONTRACTOR SHALL NOTIFY DIGSAFE (1-888-DIG-SAFE) AND VERIFY UNDERGROUND UTILITIES PRIOR TO EXCAVATION.
- CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE CAUSED TO ROADS, WALKS, UTILITIES, SITE IMPROVEMENTS, EXISTING OR PROPOSED, DAMAGED BY THIS PROJECT.
- CONTRACTOR SHALL VERIFY ALL CONDITIONS IN THE FIELD AND REPORT ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO STARTING WORK.
- ALL WORK SHALL COMPLY WITH ALL LOCAL AND STATE REGULATORY AGENCIES' REQUIREMENTS.
- CONTRACTOR SHALL PROTECT ALL TREES TO REMAIN WITHIN THE LIMIT OF WORK.
- REMOVE AND DISPOSE OF ALL GRANITE CURB ON SITE. REFER TO SPECIFICATIONS.
- EXISTING IRRIGATION SYSTEM SHALL REMAIN IN WORKING CONDITION AT ALL TIMES OF THE GROWING SEASON DURING ALL CONSTRUCTION PHASES. CONTRACTOR IS RESPONSIBLE FOR ANY REPAIRS TO THE IRRIGATION SYSTEM CAUSED BY CONSTRUCTION ACTIVITIES AND REPLACEMENT OF ANY PLANT MATERIAL LOST DUE TO THE IRRIGATION SYSTEM BEING OFF-LINE.
- ALL TOPSOIL TO BE STRIPPED AND STOCKPILED FOR RE-USE ON SITE. REFER TO LANDSCAPE SPECIFICATIONS FOR DETAILS.
- REFER TO EARTH MOVING SPECIFICATION-312000, FOR INFORMATION ON SUB-SOIL REMOVAL AND SUB-GRADE PREPARATION.

LEGEND:

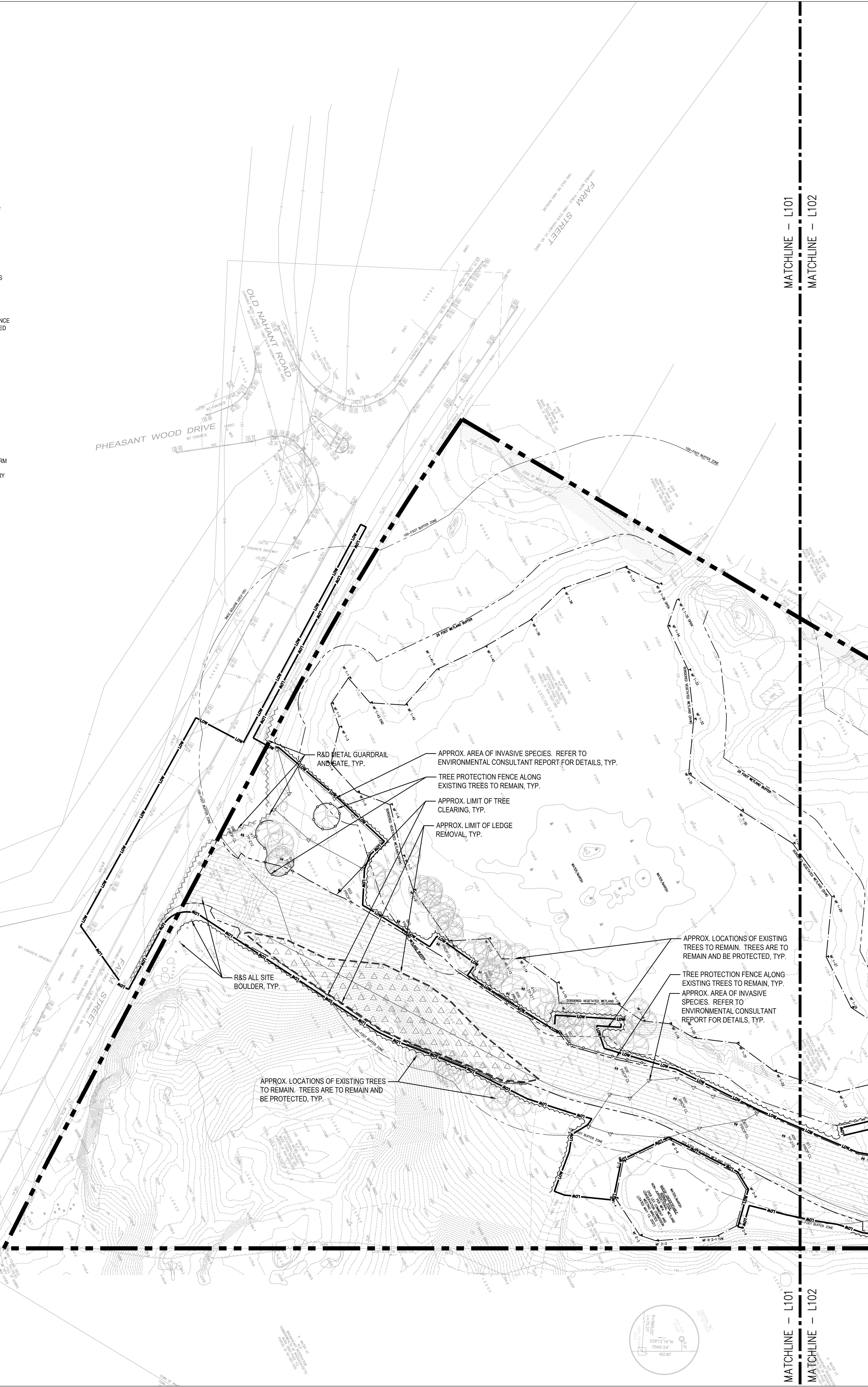
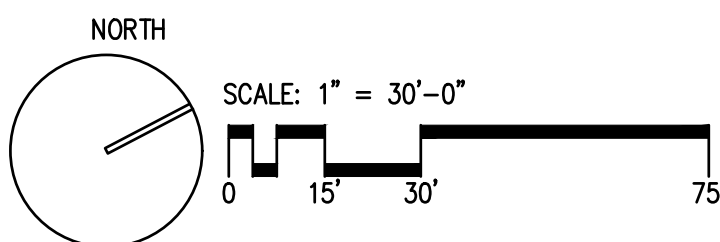
| LOW   | APPROXIMATE LIMIT OF WORK                                                              |
|-------|----------------------------------------------------------------------------------------|
| P & P | PRESERVE AND PROTECT                                                                   |
| R & D | REMOVE AND DISPOSE                                                                     |
| R & S | REMOVE AND SALVAGE                                                                     |
| ETR   | EXISTING TO REMAIN                                                                     |
| X     | R & D TREE (AND GRUB), SIGN POST, BOLLARD, LIGHT POLE, ECT.                            |
| ○     | TREE PROTECTION                                                                        |
| ○     | EXISTING TREE TO REMAIN                                                                |
| ○     | R&D FENCE, GUARDRAIL, TYP.                                                             |
| ▨     | PAVEMENT REMOVAL, REFER TO SURVEY FOR MATERIAL TYPE                                    |
| ▨     | CLEAR AND GRUB VEGETATION                                                              |
| ▨     | LEDGE REMOVAL (INCLUDES VEGETATION REMOVAL). REFER TO GEO-TECHNICAL REPORT FOR DETAILS |



NOTES

- TREE PROTECTION TO REMAIN IN PLACE THROUGHOUT CONSTRUCTION. REMOVE FOR FINAL LANDSCAPE TREATMENT.
- ADJUST LOCATION OF TREE PROTECTION WITHIN TREE DRIFLINE ONLY WHEN NECESSARY TO PERFORM WORK SHOWN ON DRAWINGS.
- STOCKPILING OF SOILS, STORING OF MATERIALS, PARKING OF VEHICLES OR LOCATION OF TEMPORARY STRUCTURES SHALL NOT OCCUR AT ANY TIME WITHIN THE DRIFLINE OF TREES TO REMAIN.

1 TREE PROTECTION  
SCALE: NTS



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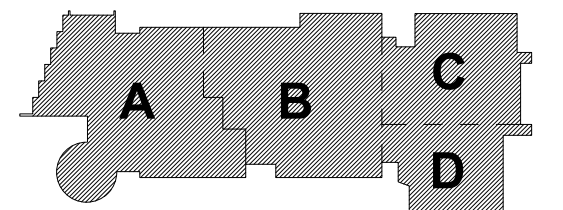
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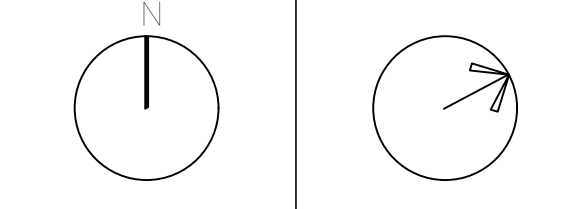
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KEY PLAN

PROJECT NORTH  
MAGNETIC NORTH

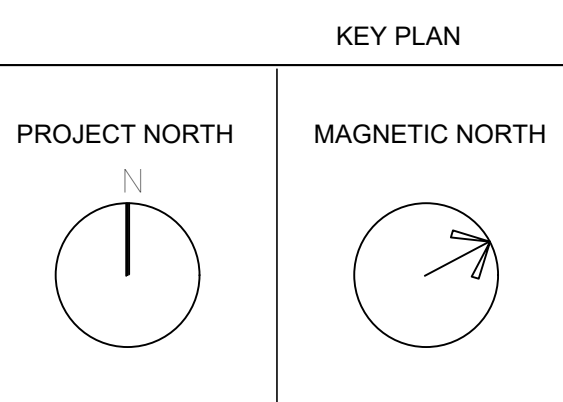
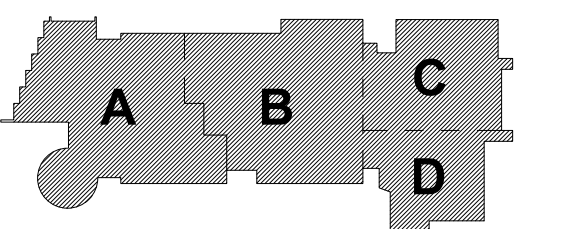
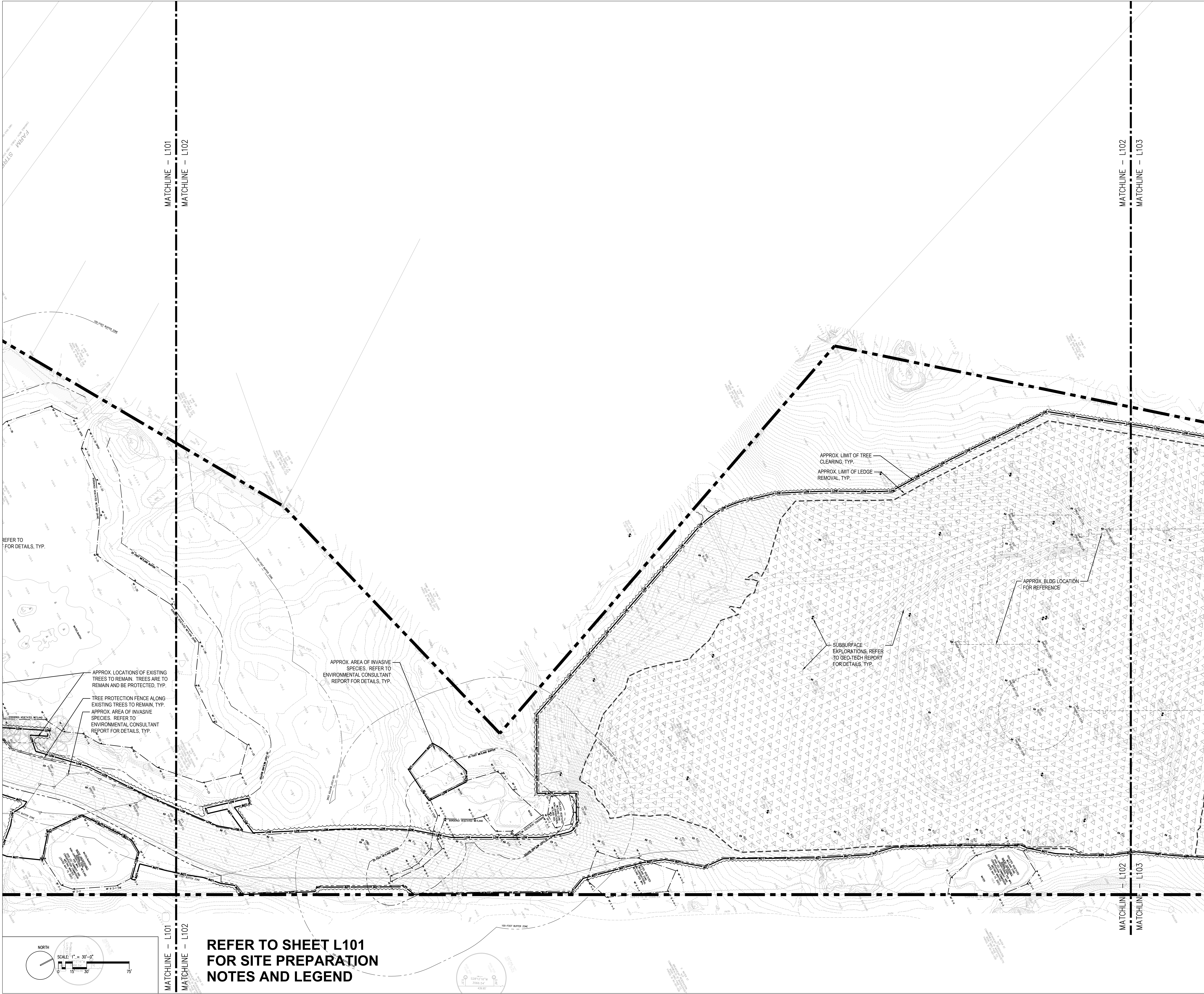


DEMO AND  
SITE  
PREPARATION  
PLAN - 1

Scale: 1" = 30'-0"  
Job No.: 20202.00  
Drawn By: JM  
Date: January 13, 2023

L101







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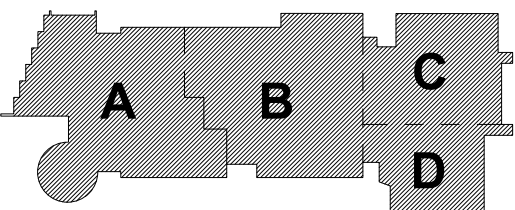
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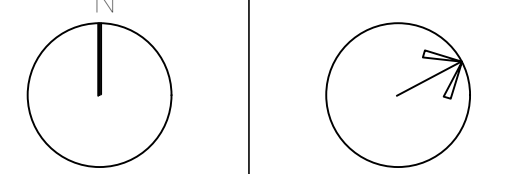
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## KEY PLAN

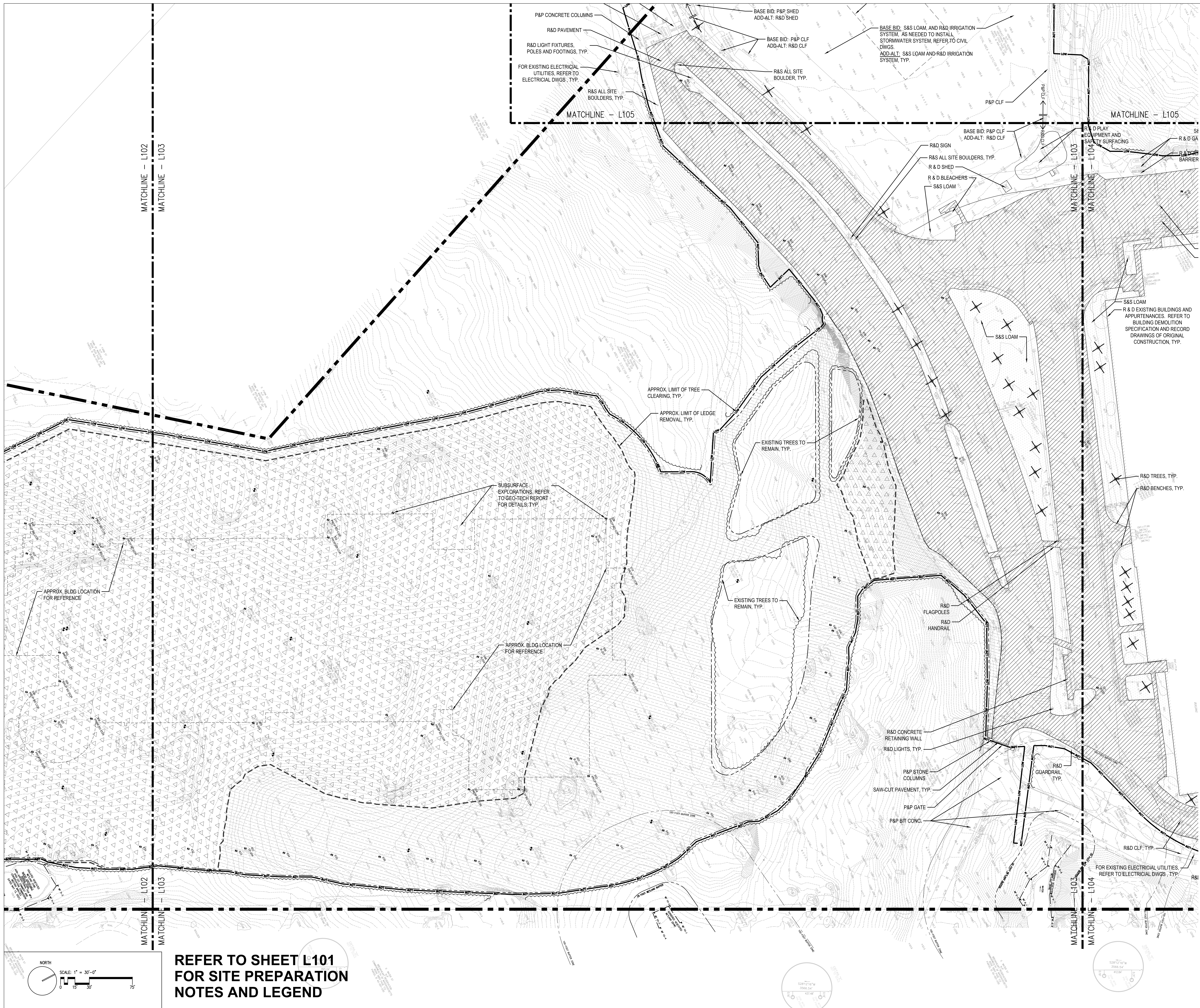
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| 030           | 030            |
| 040           | 040            |
| 050           | 050            |
| 060           | 060            |
| 070           | 070            |
| 080           | 080            |
| 090           | 090            |
| 100           | 100            |
| 110           | 110            |
| 120           | 120            |
| 130           | 130            |
| 140           | 140            |
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| 360           | 360            |



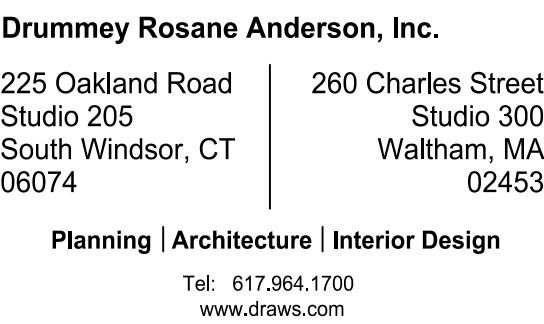
**DEMO AND  
SITE  
PREPARATION  
PLAN - 3**

Scale: 1" = 30'-0"  
Job No.: 20202.00  
Drawn By: JM  
Date: January 13, 2023

**L103**

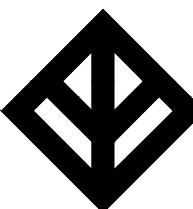






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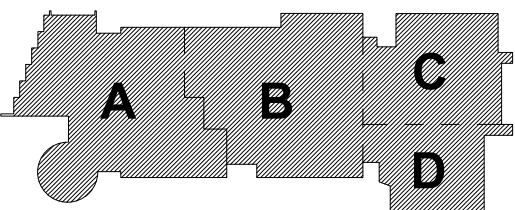


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### KEY PLAN

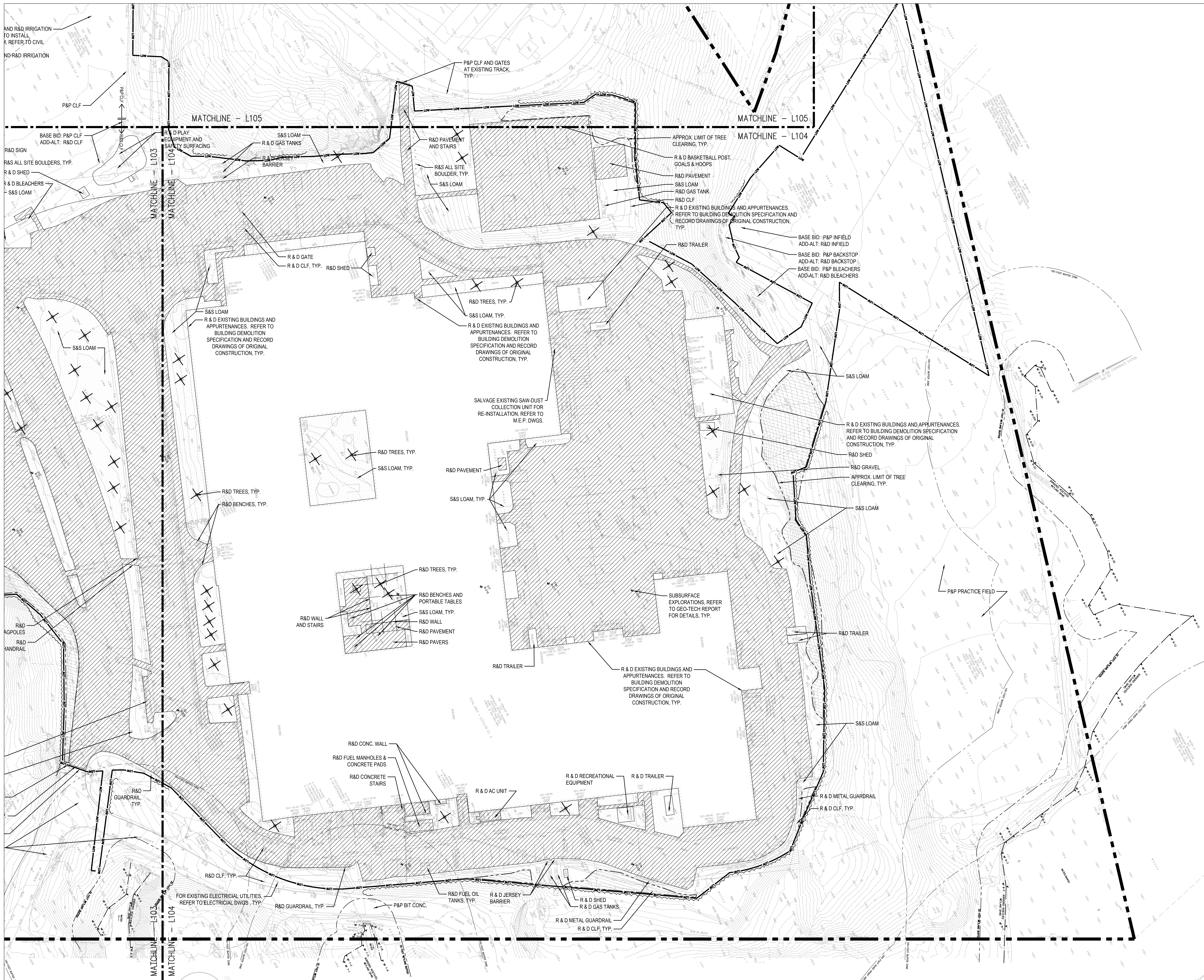
PROJECT NORTH

MAGNETIC NORTH

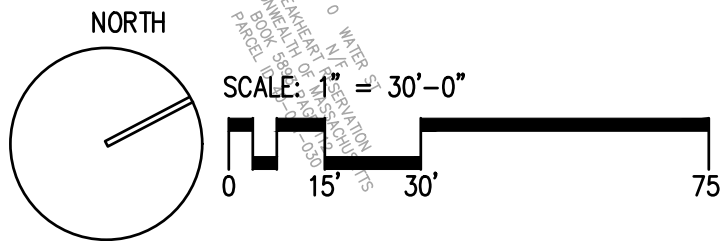
**DEMO AND  
SITE  
PREPARATION  
PLAN - 4**

Scale: 1" = 30'-0"  
Job No.: 20202.00  
Drawn By: JM  
Date: January 13, 2021

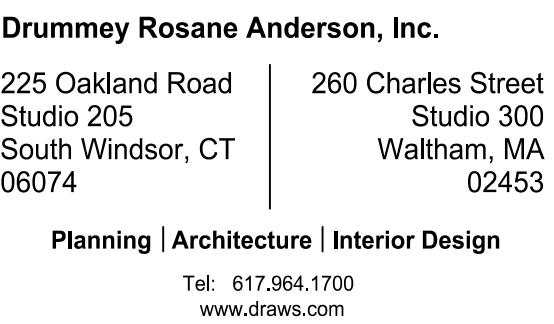
**L104**



**REFER TO SHEET L101  
FOR SITE PREPARATION  
NOTES AND LEGEND**







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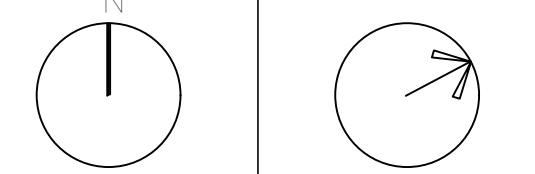
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|               |                |
|---------------|----------------|
| PROJECT NORTH | MAGNETIC NORTH |
|---------------|----------------|

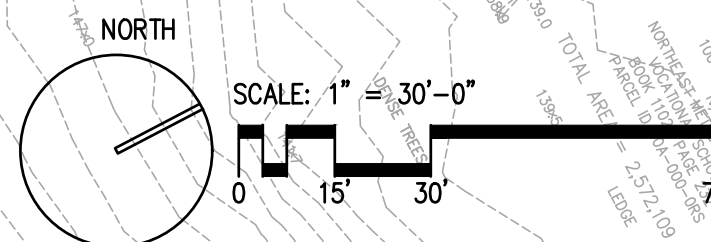


**DEMO AND  
SITE  
PREPARATION  
PLAN - 5**

Scale: 1" = 30'-0"  
Job No.: 20202.00  
Drawn By: JM  
Date: January 13, 2021

**L105**

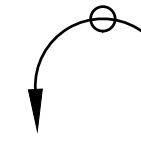
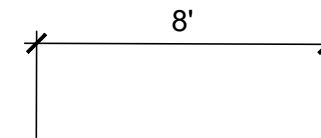
**REFER TO SHEET L101  
FOR SITE PREPARATION  
NOTES AND LEGEND**

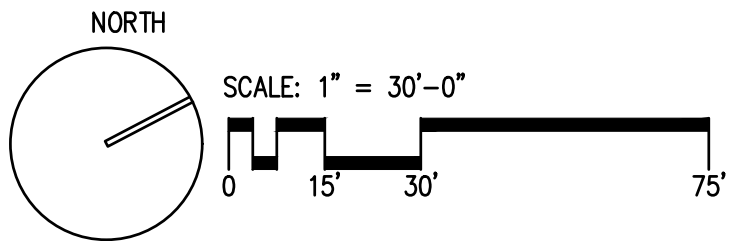




- LAYOUT NOTES:
- EXISTING CONDITIONS INFORMATION IS FROM A SURVEY PERFORMED BY NITSCH ENGINEERING 2 CENTER STREET, SUITE 430 BOSTON, MA 02108, DATED JUNE 3, 2020.
  - CONTRACTOR SHALL STAKE OUT ALL SITE IMPROVEMENTS BOTH HORIZONTALLY AND VERTICALLY IN THE FIELD, AND SUCH STAKEOUT TO BE APPROVED BY THE ARCHITECT PRIOR TO CONSTRUCTION.
  - DIMENSIONS TO CURB LINES ARE TO THE FACE OF THE CURB. DIMENSIONS TO SITE OR BUILDING WALLS ARE TO THE OUTSIDE (OR EXPOSED) FACE OF WALL UNLESS OTHERWISE NOTED.
  - ALL LINES AND DIMENSIONS ARE PARALLEL OR PERPENDICULAR TO THE LINES FROM WHICH THEY ARE MEASURED UNLESS OTHERWISE NOTED.
  - THE DIMENSIONS SHOWN ON THE DRAWINGS SHOW DESIGN INTENT AND MUST BE FIELD VERIFIED PRIOR TO PREPARATION OF SHOP DRAWINGS.
  - ALL DIMENSIONS FOR LIGHTS AND SIGNS ARE TO THE CENTERLINE OF THE OBJECT UNLESS OTHERWISE NOTED.
  - PROVIDE EXPANSION JOINTS IN CONCRETE WALKS AT 30' O.C. AND CONTROL JOINTS AT 10' O.C. AS PER SPECIFICATIONS UNLESS OTHERWISE INDICATED ON DRAWINGS.
  - ALL CURVES SHALL BE SMOOTH, CONTINUOUS RADII. NO STRAIGHT SECTIONS OR ABRUPT TRANSITIONS.

LEGEND:

|                                                                                   |                                                              |
|-----------------------------------------------------------------------------------|--------------------------------------------------------------|
|  | APPROXIMATE LIMIT OF WORK LINE                               |
|  | CENTERLINE                                                   |
|  | ALIGN                                                        |
|  | POINT OF BEGINNING                                           |
|  | DIMENSION                                                    |
|  | EASTING (X), NORTHING (Y) (US SURVEY FEET)<br>XXXXXX, XXXXXX |



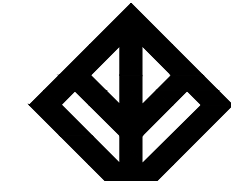
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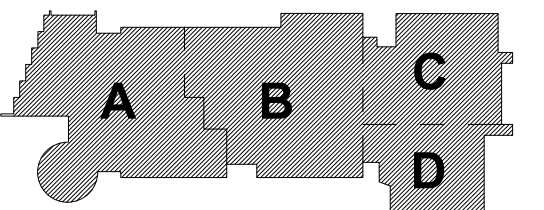
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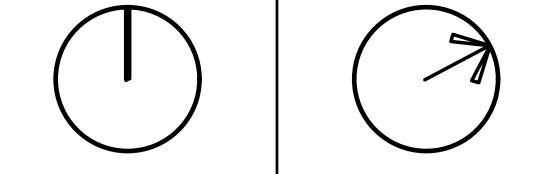
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KEY PLAN

PROJECT NORTH MAGNETIC NORTH



LAYOUT PLAN  
- 1

Scale: 1" = 30'-0"  
Job No.: 20202.00  
Drawn By: JM  
Date: January 13, 2023

L201



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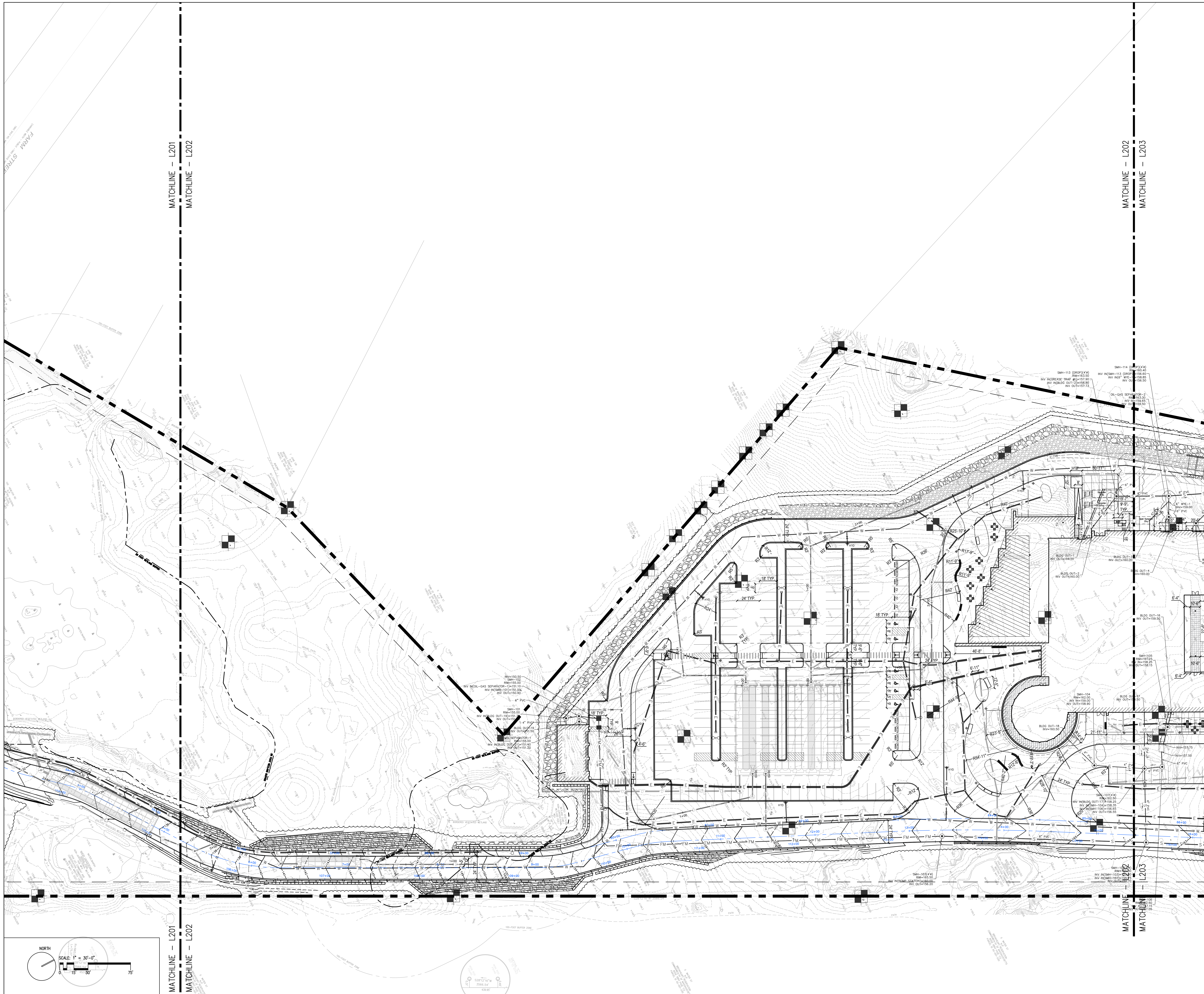
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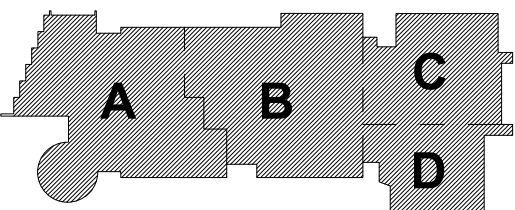
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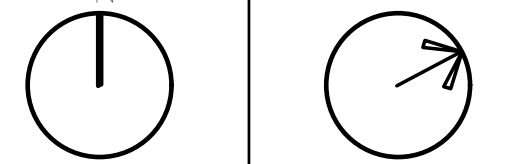
MSBA 60% CD  
Submission

December 13, 2023



### KEY PLAN

|               |                |
|---------------|----------------|
| PROJECT NORTH | MAGNETIC NORTH |
|---------------|----------------|



**LAYOUT PLAN**  
**- 2**

Scale: 1" = 30'-0"  
Job No.: 20202.00  
Drawn By: JM  
Date: January 13, 2023

**L202**

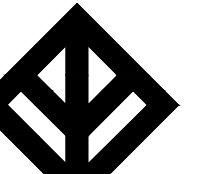


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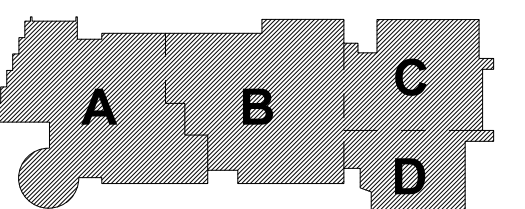


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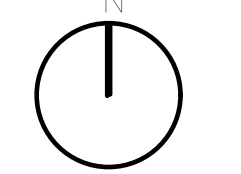
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December 13, 2023

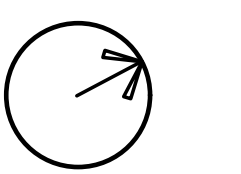


KEY PLAN

PROJECT NORTH



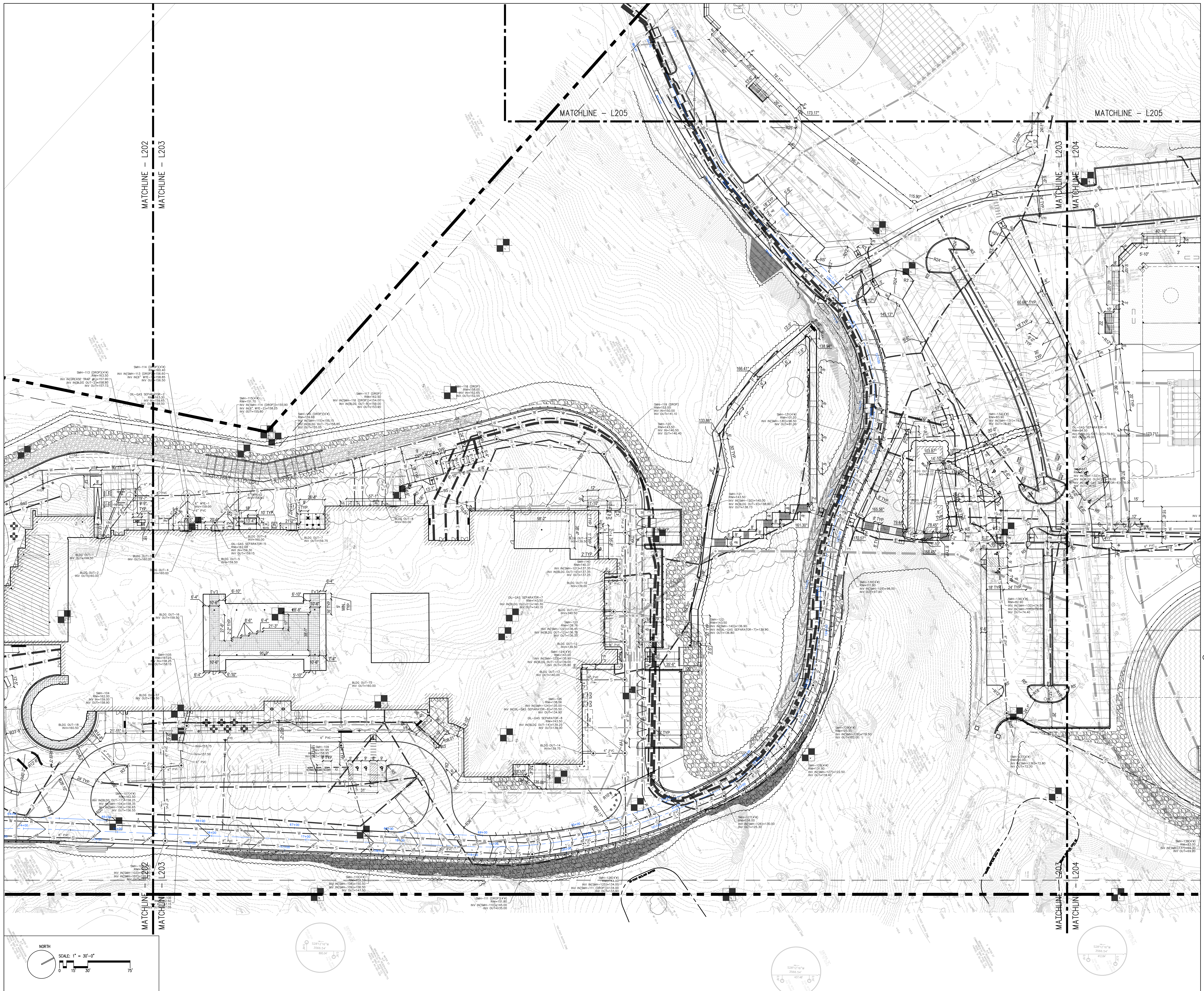
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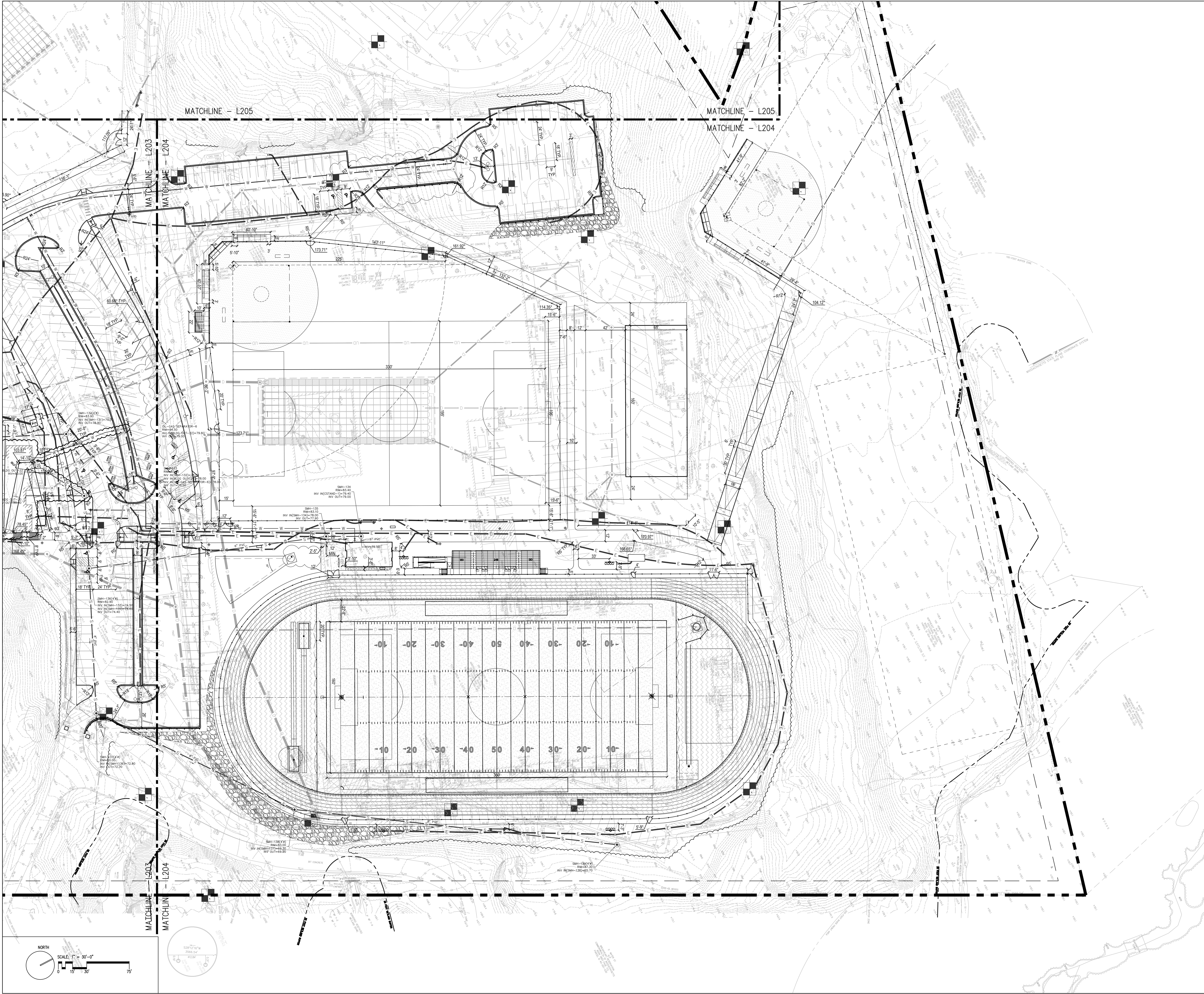
**LAYOUT PLAN  
- 3**

Scale: 1" = 30'-0"  
Job No.: 20202.00  
Drawn By: JM  
Date: January 13, 2023

**L203**







DRA

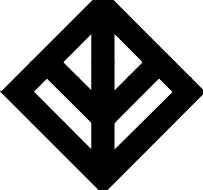
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December 13, 2023

A

B

C

D

KEY PLAN

PROJECT NORTH

MAGNETIC NORTH

LAYOUT PLAN  
- 4

Scale: 1" = 30'-0"  
Job No.: 20202.00  
Drawn By: JM  
Date: January 13, 2023

L204





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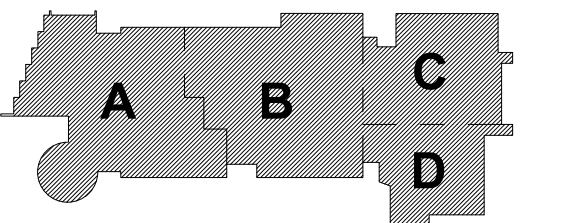
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December 13, 2023



PROJECT NORTH

MAGNETIC NORTH

**LAYOUT PLAN  
- 5**

Scale: 1" = 30'-0"  
Job No.: 20202.00  
Drawn By: JM  
Date: January 13, 2023

**L205**



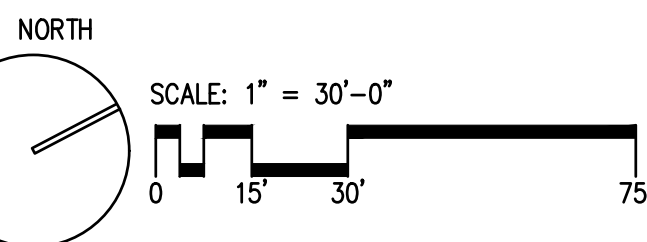
LEGEND:

- APPROXIMATE LIMIT OF WORK
- VGC 8 1601 VERTICAL GRANITE CURB
- CCB 7 1601 FORMED ASPHALT CURB, CAPE COD BERM
- CLF 9 1601 CHAIN LINK FENCE
- 2 1601 VEHICULAR ASPHALT PAVING
- 1 1601 ASPHALT WALKWAY PAVING
- 4 1601 VEHICULAR CONCRETE PAVING
- 3 1601 CONCRETE WALKWAY PAVING
- 15 1601 RIP-RAP SLOPE
- 5 1601 STABILIZED STONEDUST
- RUBBER ROOF TILES
- 11 1606 CONCRETE ROOF DECK PAVER
- 9 1606 EXTENSIVE GREEN ROOF
- 12 1605 PRE-ENGINEERED ELEVATED DECK BOARDWALK
- 18 1603 SYNTHETIC TURF
- 16 1603 SKINNED INFELD
- 18 1603 RESILIENT TRACK SURFACING

- 10 1602 CAFE TABLE AND CAFE WOOD SEATS, TYP. SEE SPECIFICATIONS
- GABION SEAT WALL WITH WOOD TOPPER, SEE SPECIFICATIONS
- RECYCLED PLASTIC DINING TABLE AND METAL CHAIRS, SEE SPECIFICATIONS
- CHAIN LINK REGULAR SWING GATE
- 7 1602 ADD ALT. RECLAIMED GRANITE SEAT BLOCKS
- 3 1602 CONCRETE FILLED STEEL BOLLARD
- LIGHT LEGEND, SEE ELECTRICAL DWGS
- ONE ARM DRIVEWAY LIGHT POLE AND FIXTURE
- TWO ARM PARKING LIGHT POLE AND FIXTURE
- BUILDING MOUNTED VEHICLE LIGHT FIXTURE
- BOLLARD LIGHT
- PEDESTRIAN SCALE LIGHT POLE AND FIXTURE

MATERIAL NOTES:

- EXISTING CONDITIONS INFORMATION IS FROM A SURVEY PERFORMED BY NITSOH ENGINEERING 2 CENTER STREET, SUITE 430 BOSTON, MA 02108, DATED JUNE 3, 2020.
- CONTRACTOR SHALL VERIFY ALL CONDITIONS IN THE FIELD AND REPORT ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO STARTING WORK.
- CONTRACTOR SHALL NOTIFY DIGSAFE 1-888-DIG-SAFE AND VERIFY UNDERGROUND UTILITIES PRIOR TO EXCAVATION.
- CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE CAUSED TO ROADS, WALKS, UTILITIES, SITE IMPROVEMENTS, EXISTING OR PROPOSED, DAMAGED BY THIS PROJECT.
- ITEMS INDICATED AS "RELOCATED" ARE SALVAGED AND STORED FROM EXISTING SITE AND ARE TO BE INSTALLED BY THE GENERAL CONTRACTOR.
- ALL CONCRETE PADS AT EXTERIOR DOORS SHALL BE PINNED TO BUILDING FOUNDATION, REFER TO STRUCTURAL DRAWINGS.
- CONTRACTOR SHALL COORDINATE LOCATION OF ALL UTILITIES (LINES, DUCTS, CONDUITS, SLEEVES, FOOTINGS) WITH LOCATIONS OF PROPOSED LANDSCAPE ELEMENTS (WALLS, TREE ROOTBALLS, PROPOSED LIGHTING FOOTINGS). CONTRACTOR SHALL REPORT ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO CONTINUING WORK.
- REFER TO L600 FOR PAVEMENT MARKINGS AND TRAFFIC SIGNAGE
- PLANTING AREAS (PA), BIORETENTION AREAS (BA), LOAM AND SEED AREAS (L&S) ARE SHOWN ON THIS PLAN FOR REFERENCE ONLY. PLEASE SEE PLANTING PLANS L500, L501 AND L502 FOR FINAL SURFACE TREATMENT AND ASSOCIATED SOIL DEPTHS AND CROSS SECTIONS
- REFER TO CIVIL PLANS FOR DETAILS ON DRAINAGE SYSTEM
- REFER TO ELECTRICAL SITE PLAN FOR SITE LIGHTING AND SITE ELECTRICAL SCOPE



HARMON ROAD  
RT 1A  
RT 1A  
RT 1A

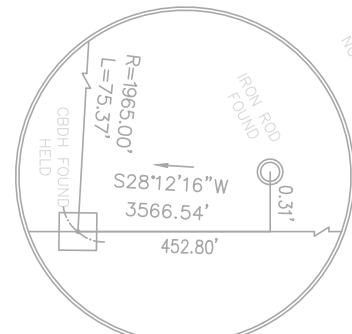
VERTICAL GRANITE CURB, TYP.  
BIT CONC. ROAD  
REPAIR AS NECESSARY

ENTRY SIGN WITH LED  
MESSAGE BOARD  
REFER TO ELECTRICAL  
DWGS, TYP.

2 1601 VEHICULAR ASPHALT  
PAVING, TYP.  
1 1601 ASPHALT WALKWAY  
PAVING, TYP.

ONE ARM DRIVEWAY LIGHT  
POLE AND FIXTURE, TYP. REFER  
TO ELECTRICAL SITE PLAN

FREESTANDING WILDLIFE  
BARRIER, TYP. SEE SPEC.



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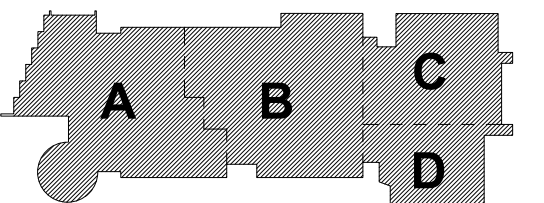
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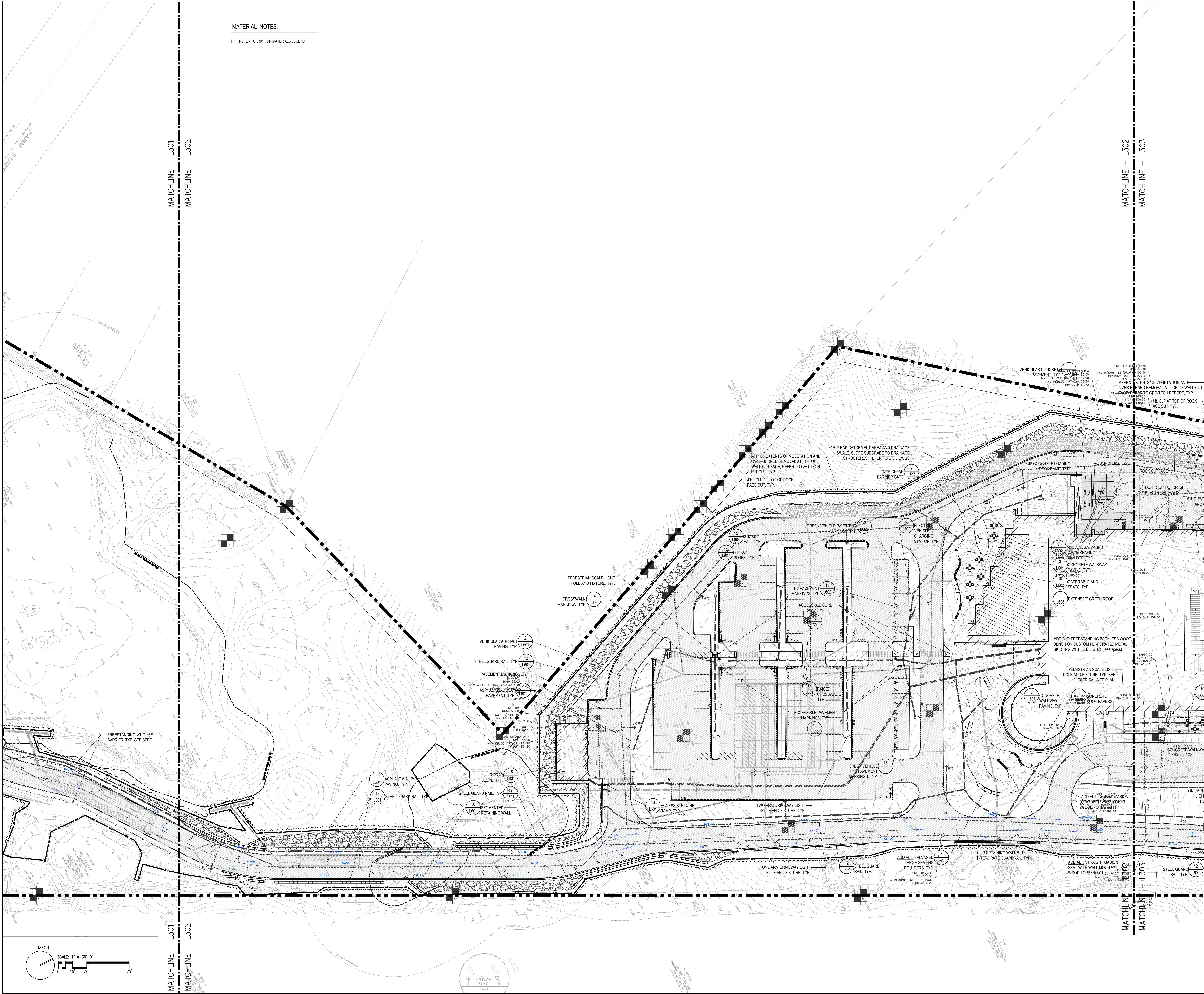


KEY PLAN  
PROJECT NORTH  
MAGNETIC NORTH

MATERIALS  
PLAN - 1

Scale: 1" = 30'-0"  
Job No.: 20202.00  
Drawn By: JM  
Date: January 13, 2023  
L301





MATERIAL NOTES:  
1. REFER TO L301 FOR MATERIALS LEGEND

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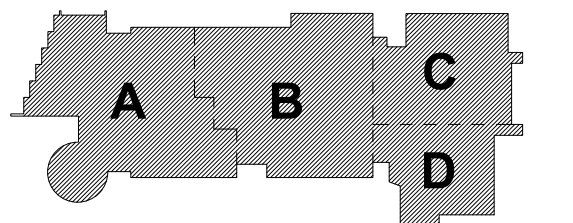
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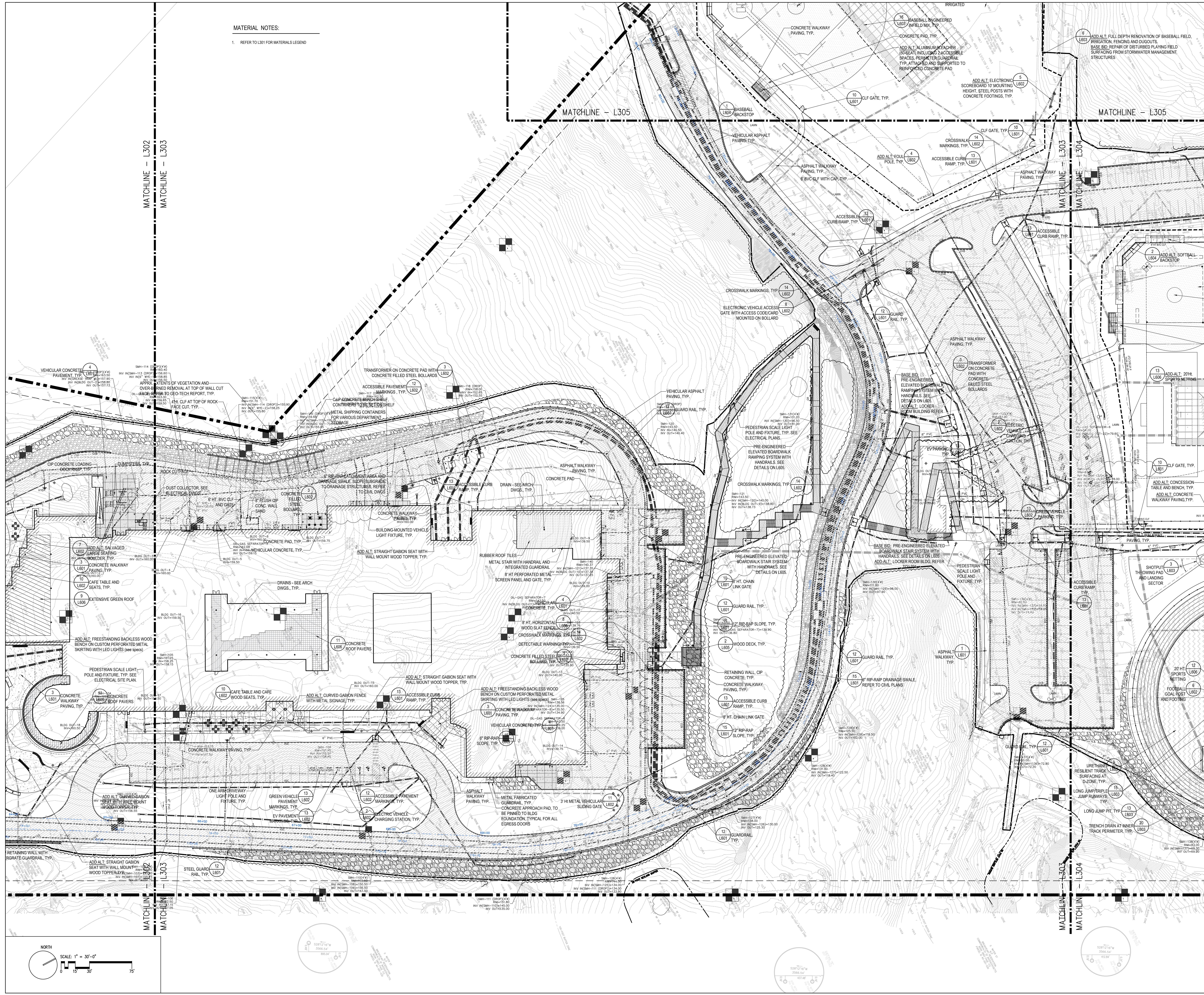
KEY PLAN

PROJECT NORTH  
MAGNETIC NORTH

MATERIALS  
PLAN - 2

Scale: 1" = 30'-0"  
Job No.: 20202.00  
Drawn By: JM  
Date: January 13, 2023  
L302





MATERIAL NOTES:  
1. REFER TO L301 FOR MATERIALS LEGEND

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A

B

C

D

KEY PLAN

PROJECT NORTH

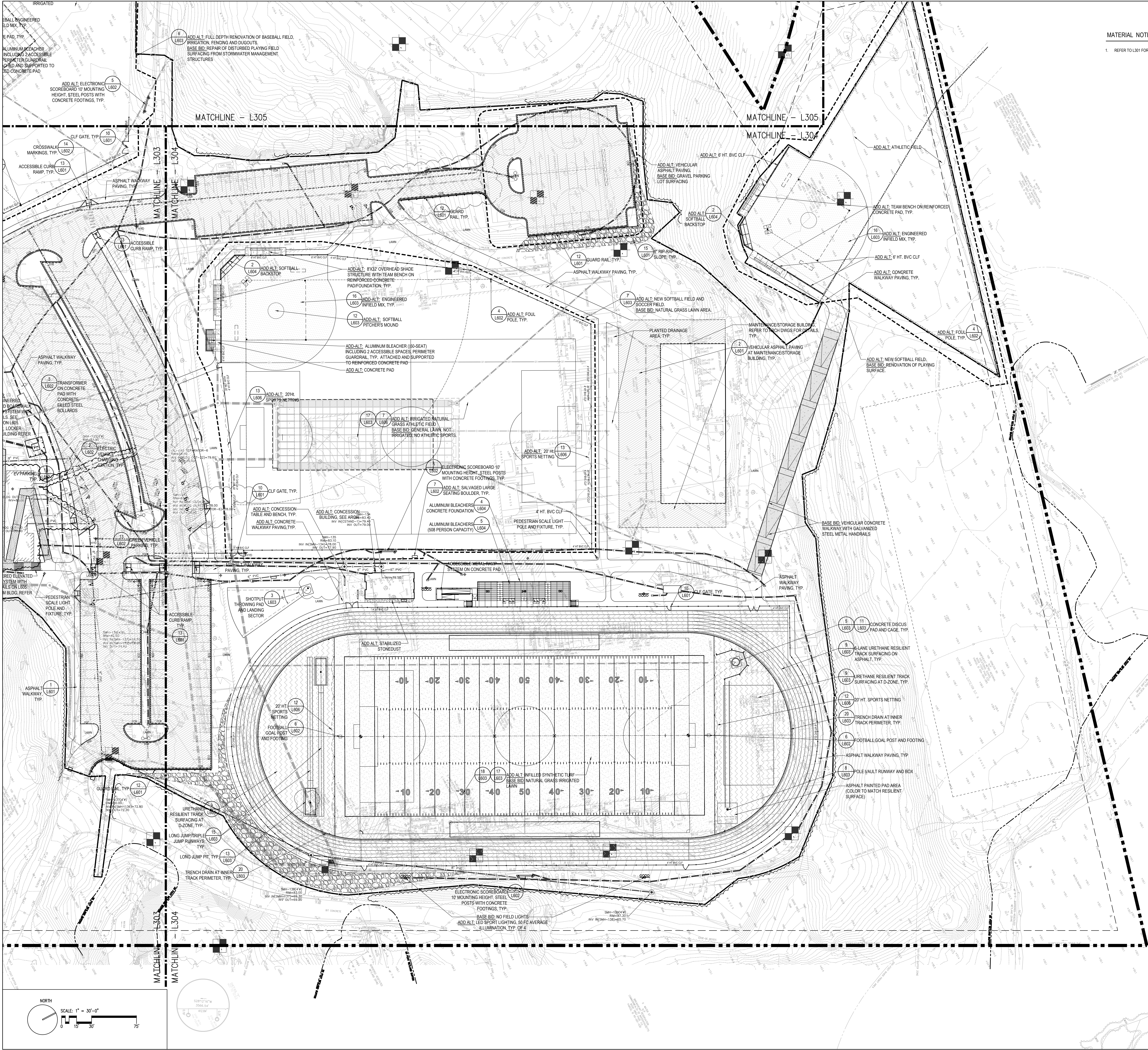
MAGNETIC NORTH

MATERIALS  
PLAN - 3

Scale: 1" = 30'-0"  
Job No.: 20202.00  
Drawn By: JM  
Date: January 13, 2023

L303





MATERIAL NOTES:  
1. REFER TO L301 FOR MATERIALS LEGEND

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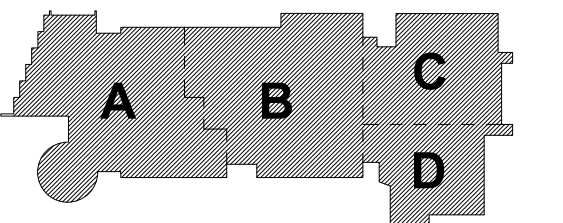
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KEY PLAN

PROJECT NORTH

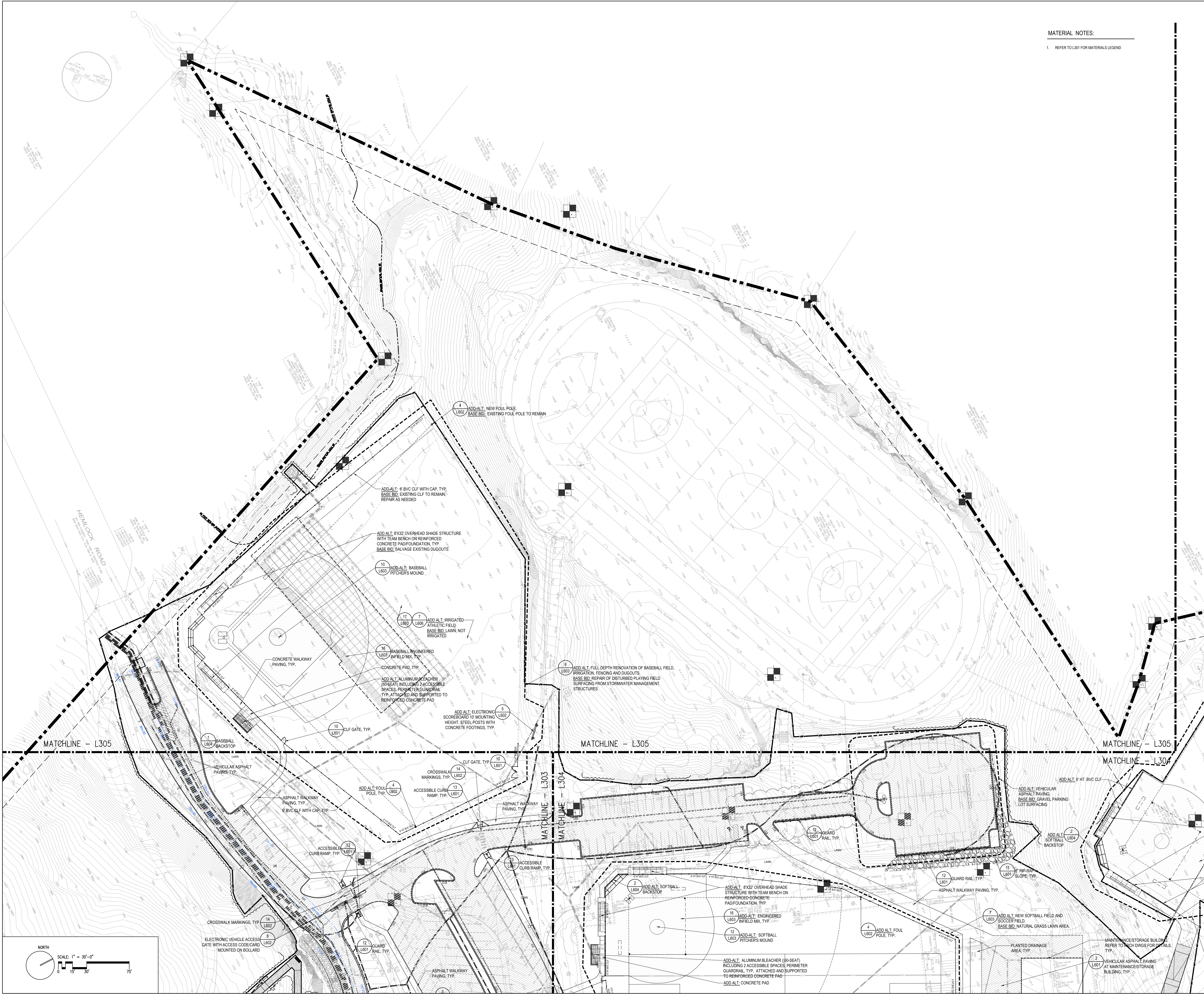
MAGNETIC NORTH

MATERIALS  
PLAN - 4

Scale: 1" = 30'-0"  
Job No.: 20202.00  
Drawn By: JM  
Date: January 13, 2023

L304





MATERIAL NOTES:  
1. REFER TO L301 FOR MATERIALS LEGEND

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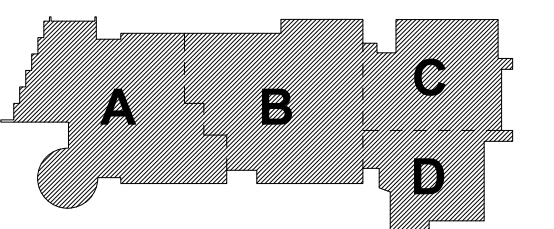
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KEY PLAN  
PROJECT NORTH  
MAGNETIC NORTH

**MATERIALS PLAN - 5**

Scale: 1" = 30'-0"  
Job No.: 20202.00  
Drawn By: JM  
Date: January 13, 2023

**L305**

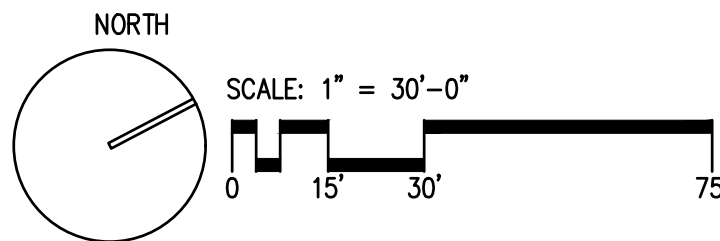
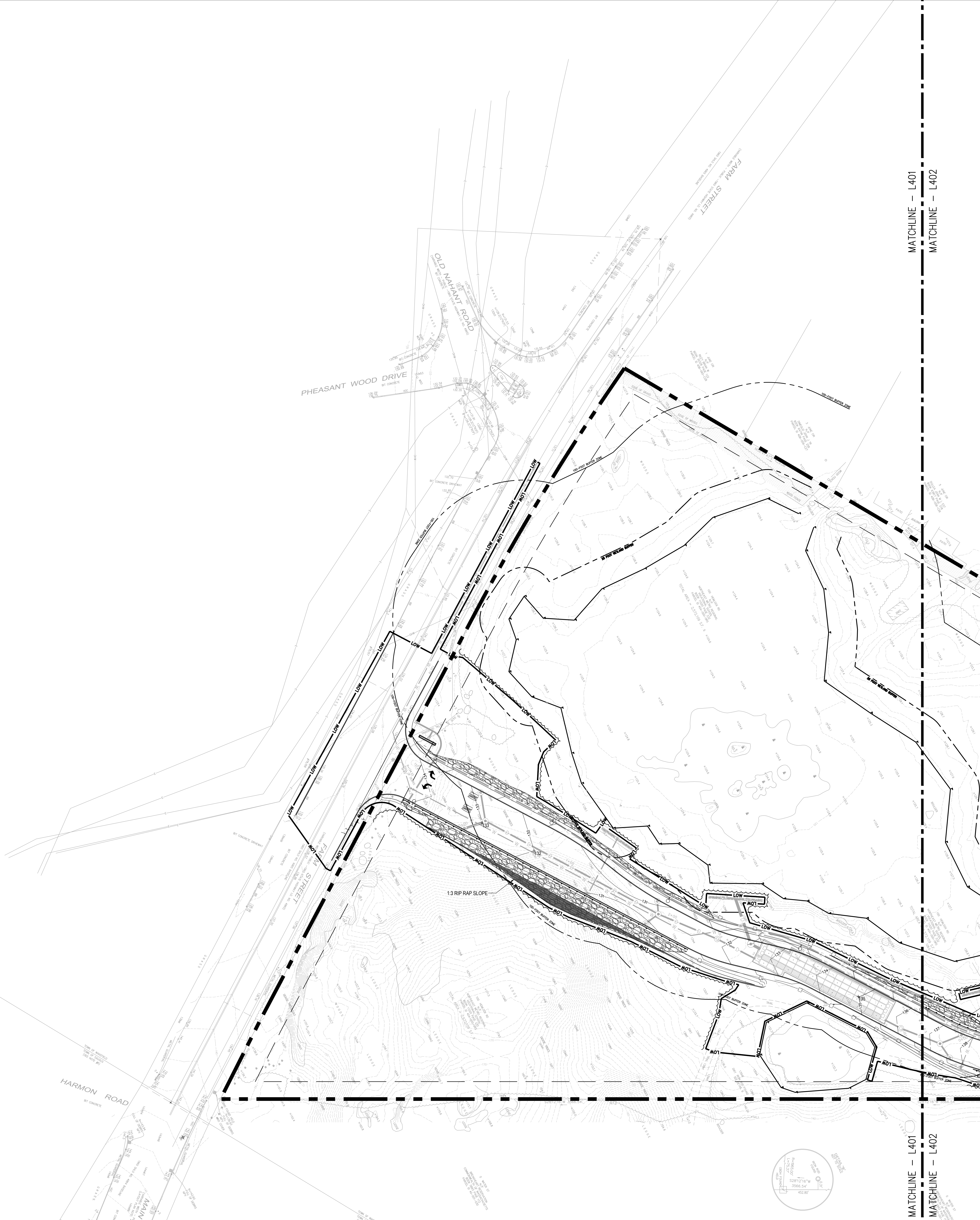


GRADING NOTES

- EXISTING CONDITIONS INFORMATION IS FROM A SURVEY PERFORMED BY NITSCH ENGINEERING 120 FRONT STREET, SUITE 820 WORCESTER, MA 01608, DATED JUNE 3, 2020.
- REFER TO DOCUMENT 003100-AVAILABLE PROJECT INFORMATION; FOR GEOTECHNICAL REPORT AND HAZARDOUS MATERIAL SUMMARY REPORT.
- REFER TO GEOTECHNICAL INFORMATION AND EARTH MOVING SPECIFICATION SECTION-321000 FOR ROCK AND LEDGE BLASTING AND/OR REMOVAL.
- REFER TO EARTH MOVING SPECIFICATION-312000, FOR DETAILS ON SUB-SOIL REMOVAL AND SUB-GRADE PREPARATION.
- CONTRACTOR SHALL STAKE OUT ALL SITE IMPROVEMENTS BOTH HORIZONTALLY AND VERTICALLY IN THE FIELD, AND SUCH STAKEOUT TO BE APPROVED BY THE ARCHITECT PRIOR TO CONSTRUCTION.
- PROPOSED SPOT GRADES AND CONTOURS INDICATED ON THE THIS PLAN DESCRIBE FINAL SURFACE ELEVATIONS FOR COMPLETED CONSTRUCTION.
- ALL CHANGES IN PAVEMENT MATERIALS SHALL BE FLUSH WITH EACH OTHER UNLESS OTHERWISE SHOWN.
- SEE CIVIL DRAWINGS FOR SUBSURFACE DRAINAGE SYSTEM.
- IF EXISTING TREE, UTILITIES OR STRUCTURES IMPEDE EXCAVATION ACTIVITIES IN ANY MANNER, CONTRACTOR SHALL INFORM THE ARCHITECT AND OWNER PRIOR TO CONTINUING WITH CONSTRUCTION ACTIVITIES.
- SLOPES SHALL NOT EXCEED 3:1 SLOPE EXCEPT AS SHOWN ON THE PLANS.
- EXTERIOR CONCRETE PAVING AT DOOR THRESHOLDS SHALL BE FLUSH WITH FINISH FLOOR ELEVATION (UNLESS OTHERWISE SHOWN) AND SHALL SLOPE AT 1.5% PITCH AWAY FROM THE BUILDING. REFER TO STRUCTURAL DRAWINGS FOR DETAIL OF PAVEMENT / BUILDING CONNECTION.
- ALL PAVED WALKWAY AREAS, PLAZAS, CROSSWALKS, ACCESSIBLE PARKING SPACES, AND ASSOCIATED ACCESS AISLES AND ACCESSIBLE ROUTES SHALL BE GRADED SUCH THAT THEY ARE IN FULL COMPLIANCE WITH THE MASSACHUSETTS ARCHITECTURAL ACCESS BOARD RULES AND REGULATIONS. CROSS SLOPES ON PAVED WALKWAYS AND PLAZAS ARE DESIGNED AT 1.5% SLOPE AND SHALL NOT EXCEED 2% OR BE LESS THAN 1%.

LEGEND:

|  |          |                                     |
|--|----------|-------------------------------------|
|  | LOW      | APPROXIMATE LIMIT OF WORK LINE      |
|  | 555      | EXISTING CONTOUR                    |
|  | 550      | PROPOSED CONTOUR                    |
|  | 553      | PROPOSED CONTOUR                    |
|  |          | SWALE                               |
|  |          | RIP-RAP FILL SLOPE (1:1)            |
|  |          | RIP-RAP SWALE                       |
|  | 556.15   | EXISTING SPOT ELEVATION             |
|  | * 556.15 | PROPOSED SPOT ELEVATION             |
|  | 1.0%     | PROPOSED SLOPE                      |
|  | TS       | TOP OF STAIR                        |
|  | BS       | BOTTOM OF STAIR                     |
|  | TW       | TOP OF WALL                         |
|  | BW       | BOTTOM OF WALL                      |
|  | SW       | SPILLWAY                            |
|  | TC       | TOP OF CURB                         |
|  | BC       | BOTTOM OF CURB                      |
|  | TH       | DOOR THRESHOLD                      |
|  | HP       | HIGH POINT                          |
|  | LP       | LOW POINT                           |
|  | RIM      | RIM ELEVATION                       |
|  | UD       | UNDER DRAIN "UD" (DETAIL REFERENCE) |



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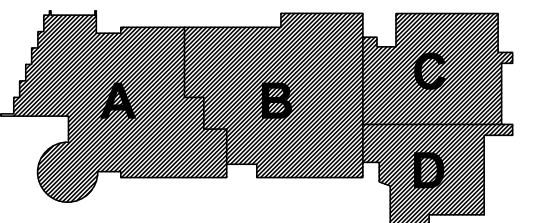
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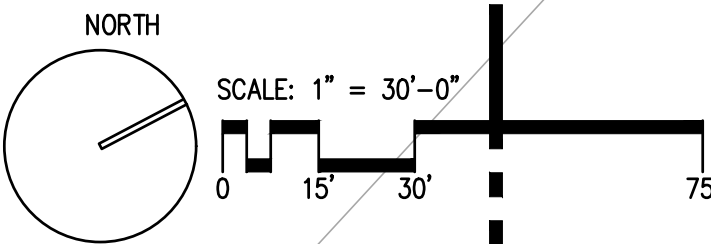
KEY PLAN  
PROJECT NORTH  
MAGNETIC NORTH

GRADING  
PLAN - 1

Scale: 1" = 30'-0"  
Job No.: 20202.00  
Drawn By: JM  
Date: January 13, 2023

L401





GRADING NOTES

1. REFER TO L401 FOR GRADING NOTES AND LEGEND.



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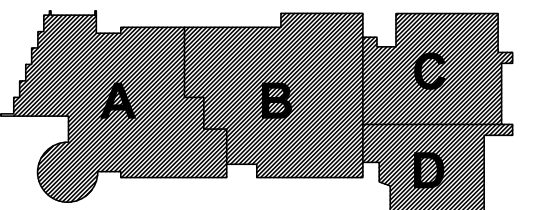
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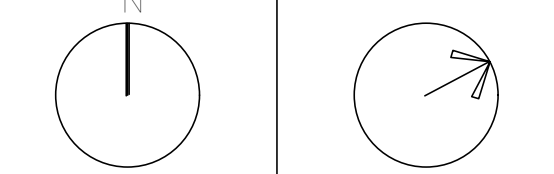
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PROJECT NORTH  
MAGNETIC NORTH

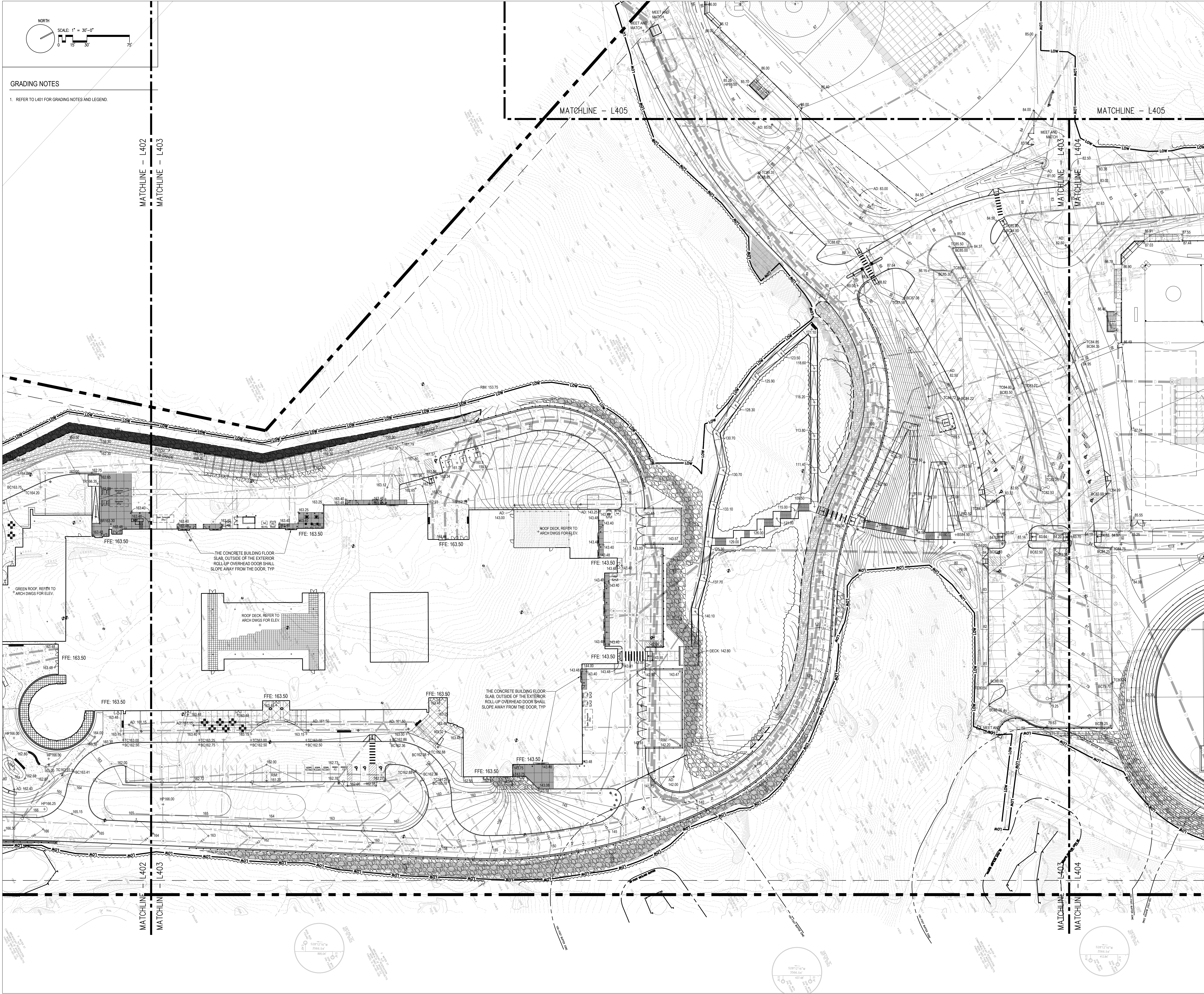


GRADING  
PLAN - 2

Scale: 1" = 30'-0"  
Job No.: 20202.00  
Drawn By: JM  
Date: January 13, 2023

L402





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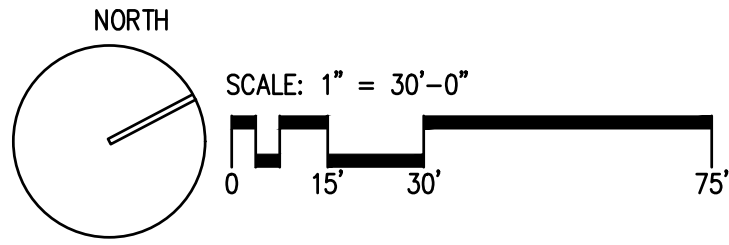
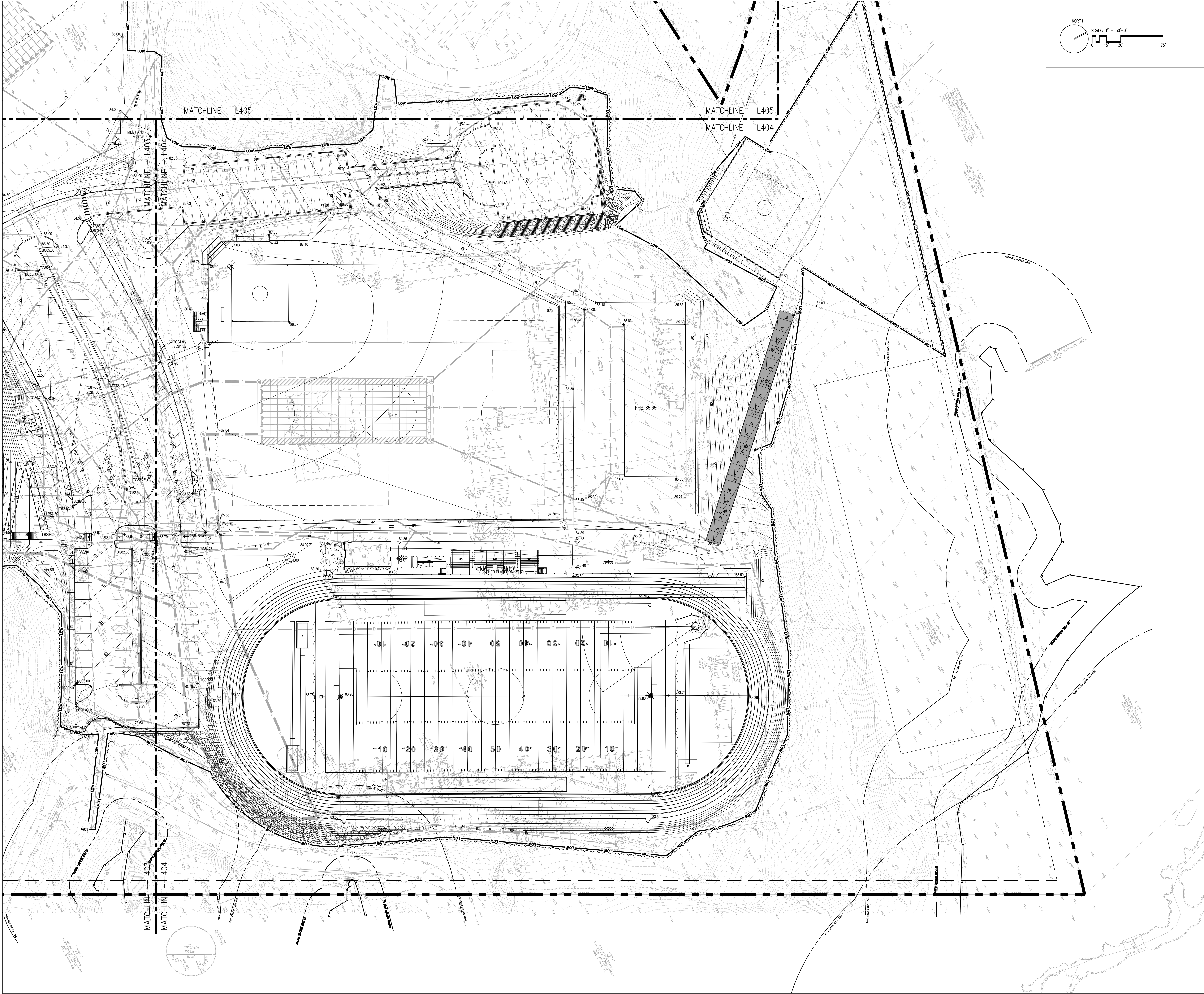
KEY PLAN  
PROJECT NORTH  
MAGNETIC NORTH

GRADING  
PLAN - 3

Scale: 1" = 30'-0"  
Job No.: 20202.00  
Drawn By: JM  
Date: January 13, 2023

L403





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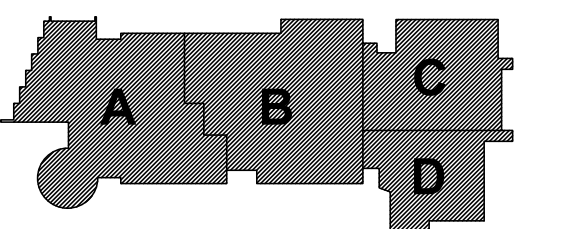
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KEY PLAN

PROJECT NORTH  
MAGNETIC NORTH

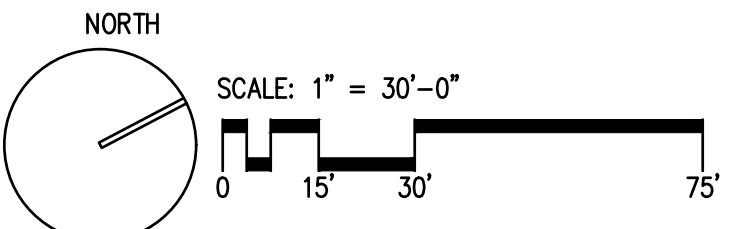
Scale: 1" = 30'-0"  
 Job No.: 20202.00  
 Drawn By: JM  
 Date: January 13, 2023

**GRADING  
PLAN - 4**

Scale: 1" = 30'-0"  
 Job No.: 20202.00  
 Drawn By: JM  
 Date: January 13, 2023

**L404**





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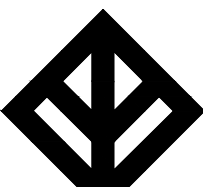
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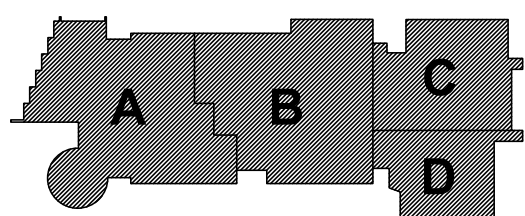
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KEY PLAN

PROJECT NORTH

MAGNETIC NORTH

**GRADING  
PLAN - 5**

Scale: 1" = 30'-0"  
Job No.: 20202.00  
Drawn By: JM  
Date: January 13, 2023

**L405**



| PLANT SCHEDULE   |       |                                               |                                  |                   |                                         |         |
|------------------|-------|-----------------------------------------------|----------------------------------|-------------------|-----------------------------------------|---------|
| TREES            | QTY   | BOTANICAL NAME                                | COMMON NAME                      | SIZE              | REMARKS                                 |         |
| AO               | 3     | Acer rubrum 'October Glory'                   | October Glory Red Maple          | 3.0-3.5" cal. B&B |                                         |         |
| AR2              | 10    | Acer rubrum                                   | Red Maple                        | 1" Cal.           |                                         |         |
| MG2              | 8     | Metasequoia glyptostroboides                  | Dawn Redwood                     | 3" Cal.           |                                         |         |
| QA               | 18    | Quercus alba                                  | White Oak                        | 1.5" Cal.         |                                         |         |
| QM               | 8     | Quercus macrocarpa                            | Burr Oak                         | 2-2.5" cal. B&B   |                                         |         |
|                  |       |                                               |                                  |                   |                                         |         |
| DECIDUOUS TREES  | QTY   | BOTANICAL NAME                                | COMMON NAME                      | SIZE              | REMARKS                                 |         |
| AR               | 29    | Acer rubrum 'Redpointe'                       | Redpointe Maple                  | 2.5-3" cal. B&B   | Native                                  |         |
| AS               | 5     | Acer saccharum                                | Sugar Maple                      | 2.5" Cal.         | Green Mountain or Fall Fiesta Cultivars |         |
| BC               | 22    | Betula papyrifera 'Clump'                     | Clump Paper Birch                | 7-8" Ht. B&B      |                                         |         |
| BD               | 2     | Betula nigra 'BNMTF' TM                       | Dura Heat River Birch            | 6'-7" Ht.         |                                         |         |
| BN               | 1     | Betula nigra 'Cully' TM                       | Heritage Birch                   | 10-12" Ht. B&B    | Clump                                   |         |
| BP               | 6     | Betula populifolia 'Whitespire'               | Whitespire Birch                 | 12-14" Ht. B&B    | Clump, Native                           |         |
| BU               | 9     | Betula papyrifera 'Uenoci' TM                 | Renaissance Upright Paper Birch  | 10-12" Ht. B&B    | Multi-Clump                             |         |
| FG               | 10    | Fagus grandifolia                             | American Beech                   | 2-2.5" cal. B&B   |                                         |         |
| NS               | 8     | Nyssa sylvatica 'Wildfire'                    | Black Gum                        | 2.5" Cal.         |                                         |         |
| QB               | 7     | Quercus bicolor                               | Swamp White Oak                  | 3" Cal.           |                                         |         |
| QR               | 21    | Quercus rubra                                 | Red Oak                          | 2.5-3" cal. B&B   | Native                                  |         |
| UA               | 19    | Ulmus americana 'Jefferson'                   | American Elm                     | 2.5-3" cal. B&B   | Valley Forge acceptable cultivar        |         |
|                  |       |                                               |                                  |                   |                                         |         |
| EVERGREEN TREES  | QTY   | BOTANICAL NAME                                | COMMON NAME                      | SIZE              | REMARKS                                 |         |
| JV               | 12    | Juniperus virginiana                          | Eastern Red Cedar                | 7-8" Ht. B&B      |                                         |         |
| PR               | 14    | Pinus rigida                                  | Pitch Pine                       | 6-7" Ht. B&B      |                                         |         |
| PS               | 26    | Pinus strobus                                 | White Pine                       | 8-10" Ht. B&B     | Native Evergreen                        |         |
| PS2              | 11    | Pinus strobus                                 | White Pine                       | 5-6" Ht. B&B      |                                         |         |
|                  |       |                                               |                                  |                   |                                         |         |
| ORNAMENTAL TREES | QTY   | BOTANICAL NAME                                | COMMON NAME                      | SIZE              | REMARKS                                 |         |
| AD               | 6     | Amelanchier arborea                           | Downy Serviceberry               | 4.5-5" Ht. B&B    |                                         |         |
| AX               | 12    | Amelanchier x grandiflora 'Autumn Brilliance' | 'Autumn Brilliance' Serviceberry | 7-8" Ht. B&B      | Native Clump                            |         |
| MD               | 12    | Malus x Donald Wyman'                         | Donald Wyman Crabapple           | 2-2.5" cal. B&B   |                                         |         |
|                  |       |                                               |                                  |                   |                                         |         |
| GROUND COVERS    | QTY   | BOTANICAL NAME                                | COMMON NAME                      | SIZE              | DETAIL                                  | REMARKS |
| CP               | 2,592 | Carex pensylvanica                            | Pennsylvania Sedge               | Plugs             |                                         |         |
|                  |       |                                               |                                  |                   |                                         |         |
| SHRUBS           | QTY   | BOTANICAL NAME                                | COMMON NAME                      | SIZE              | DETAIL                                  | REMARKS |
| RA               | 202   | Rhus aromatica 'Gro-Low'                      | Gro-Low Fragrant Sumac           | 1 gal.            |                                         | 3' O.C. |

#### TEMPORARY WETLAND IMPACTS

AREAS OF TEMPORARY WETLAND ALTERATION WILL BE RESTORED IN KIND AT THE DIRECTION OF THE SUPERVISING WETLAND SCIENTIST. TEMPORARY ALTERATION AREAS WHERE SOIL HAS BEEN DISTURBED WILL BE RESTORED BY ESTABLISHING NATURAL WETLAND SOIL PROFILES USING A WETLAND TOPSOIL SUITABLE FOR WETLAND REPLICATION AREAS AND SEEDING WITH A WETLAND SEED MIX, AS DESIGNATED BY THE WETLAND SCIENTIST, AND/OR IN-KIND REPLACEMENT OF NATIVE HERBACEOUS PLANTS, SHRUBS AND/OR TREES. TEMPORARY ALTERATION AREAS WHERE ONLY VEGETATION HAS BEEN REMOVED OR DISTURBED ALSO WILL BE SEEDDED WITH THE WETLAND SEED MIX AND/OR IN-KIND REPLACEMENT OF NATIVE HERBACEOUS PLANTS, SHRUBS AND/OR TREES. SEEDDED AREAS SHALL BE STABILIZED VIA HYDRO SEEDINGS, STRAW MULCH, AND/OR EROSION CONTROL BLANKETS AT THE DIRECTION OF THE WETLAND SPECIALIST.

#### PLANTING NOTES

- CONTRACTOR SHALL STAKE PLANT LOCATIONS TO BE APPROVED BY THE ARCHITECT PRIOR TO INSTALLATION. FINAL LOCATIONS TO BE CONFIRMED IN FIELD.
- ALL PLANT MATERIAL AND PLANTING PROCEDURES SHALL CONFORM TO THE GUIDELINES ESTABLISHED BY THE "AMERICAN STANDARD FOR NURSERY STOCK" PUBLISHED BY THE AMERICAN NURSERYMAN'S ASSOCIATION.
- ALL PLANTS SHALL BE BALLED IN BURLAP UNLESS OTHERWISE INDICATED ON THE PLANT SCHEDULE.
- CONTRACTOR SHALL LOCATE AND VERIFY EXISTING AND NEW UNDERGROUND UTILITY LOCATIONS PRIOR TO PLANTING.
- CONTRACTOR IS RESPONSIBLE FOR FURNISHING AND SPREADING TOPSOIL (6" MINIMUM FINISHED DEPTH), FINE GRADING AND SEEDING ANY AREAS DESIGNATED ON PLAN AND ANY AREAS DISTURBED DURING THE CONSTRUCTION AND NOT OTHERWISE DEVELOPED UNDER THIS CONTRACT BOTH WITHIN AND OUTSIDE OF THE LIMIT OF WORK LINE.
- ALL PLANT BEDS SHALL RECEIVE 3" DEPTH OF PINE BARK MULCH EXCEPT AS OTHERWISE SHOWN.
- PROVIDE EROSION CONTROL MATTING AT ALL SEEDDED SLOPES 3:1V AND STEEPER AND ALONG BOTTOM OF ALL SWALES IMMEDIATELY AFTER FINE GRADING AND SEEDING.

#### SEED MIX SPECIFICATIONS

##### BUFFER ZONE PLANTING AREA SEED MIX COMPOSITION

PREFERRED MIX: "NEW ENGLAND EROSION CONTROL / RESTORATION MIX FOR DRY SITES" OR EQUIVALENT

*Elymus canadensis* (Canada Wild Rye)  
*Festuca rubra* (Red Fescue)  
*Lolium multiflorum* (Annual Ryegrass)  
*Lolium perenne* (Perennial Ryegrass)  
*Schizachyrium scoparium* (Little Bluestem)  
*Panicum virgatum* (Switch Grass)  
*Sorghastrum nutans* (Indian Grass)

#### LEGEND:

| 1       | LOW | APPROXIMATE LIMIT OF WORK LINE          |
|---------|-----|-----------------------------------------|
| 1 L506  | +   | DECIDUOUS TREE PLANTING                 |
| 2 L506  | +   | EVERGREEN TREE PLANTING                 |
| 1 L506  | +   | ORNAMENTAL OR MULTISTEM TREE            |
| 4 L506  |     | SHRUB PLANTING                          |
| 5 L506  |     | GROUND COVER                            |
| 18 L501 |     | BUFFER ZONE PLANTING AREA AND SEED MIX  |
|         |     | COMPOST AND SEED OVER MODIFIED ROCKFILL |

##### BUFFER ZONE PLANTING AREA #1

| QTY | BOTANICAL NAME       | COMMON NAME        | SIZE       |
|-----|----------------------|--------------------|------------|
| 19  | Hamamelis vernalis   | Ozark Witchhazel   | #2         |
| 16  | Pinus strobus        | White Pine         | 2' Ht.     |
| 3   | Quercus alba         | White Oak          | 0.75" cal. |
| 12  | Quercus rubra        | Red Oak            | 1" cal.    |
| 12  | Vaccinium corymbosum | Highbush Blueberry | #2         |

##### BUFFER ZONE PLANTING AREA #2

| QTY | BOTANICAL NAME       | COMMON NAME        | SIZE       |
|-----|----------------------|--------------------|------------|
| 3   | Acer rubrum          | Red Maple          | 1" cal.    |
| 11  | Hamamelis vernalis   | Ozark Witchhazel   | #2         |
| 9   | Pinus strobus        | White Pine         | 2' Ht.     |
| 4   | Quercus alba         | White Oak          | 0.75" cal. |
| 6   | Quercus rubra        | Red Oak            | 1" cal.    |
| 13  | Vaccinium corymbosum | Highbush Blueberry | #2         |

##### BUFFER ZONE PLANTING AREA #3

| QTY | BOTANICAL NAME       | COMMON NAME        | SIZE       |
|-----|----------------------|--------------------|------------|
| 14  | Hamamelis vernalis   | Ozark Witchhazel   | #2         |
| 8   | Pinus strobus        | White Pine         | 2' Ht.     |
| 4   | Quercus alba         | White Oak          | 0.75" cal. |
| 3   | Quercus rubra        | Red Oak            | 1" cal.    |
| 12  | Vaccinium corymbosum | Highbush Blueberry | #2         |

#### BUFFER ZONE PLANTING NOTES

- ALL BUFFER ZONE PLANTINGS TO BE LOCATED IN FIELD BY LANDSCAPE ARCHITECT.



# DRA

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225 Oakland Road  
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South Windsor, CT 06074  
260 Charles Street  
Studio 300  
Waltham, MA 02453  
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www.dra.com

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HIGH SCHOOL**

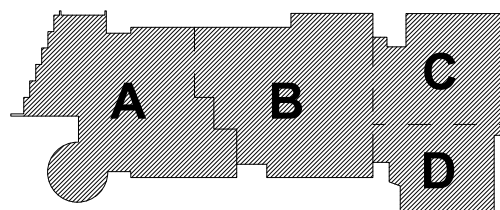
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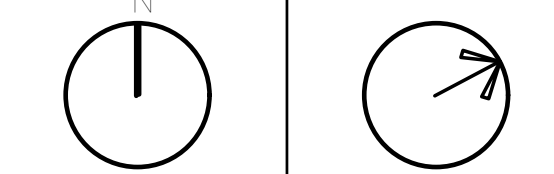
MSBA 60% CD  
Submission

December 13, 2023



KEY PLAN

PROJECT NORTH MAGNETIC NORTH



**PLANTING  
PLAN - 1**

Scale: 1" = 30'-0"  
Job No.: 20202.00  
Drawn By: JM  
Date: January 13, 2023

**L501**



**Drummeys Rosane Anderson, Inc.**

|                   |                    |
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| 225 Oakland Road  | 260 Charles Street |
| Studio 205        | Studio 300         |
| South Windsor, CT | Waltham, MA        |
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**Planning | Architecture | Interior Design**

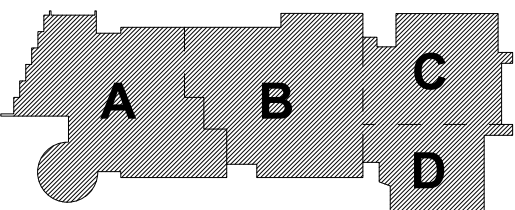
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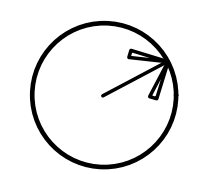
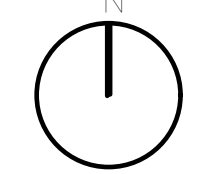
December 13, 2023



### KEY PLAN

PROJECT NORTH

MAGNETIC NORTH



## PLANTING PLAN - 2

Scale: 1" = 30'-0"

Job No. 30202 00

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**L502**



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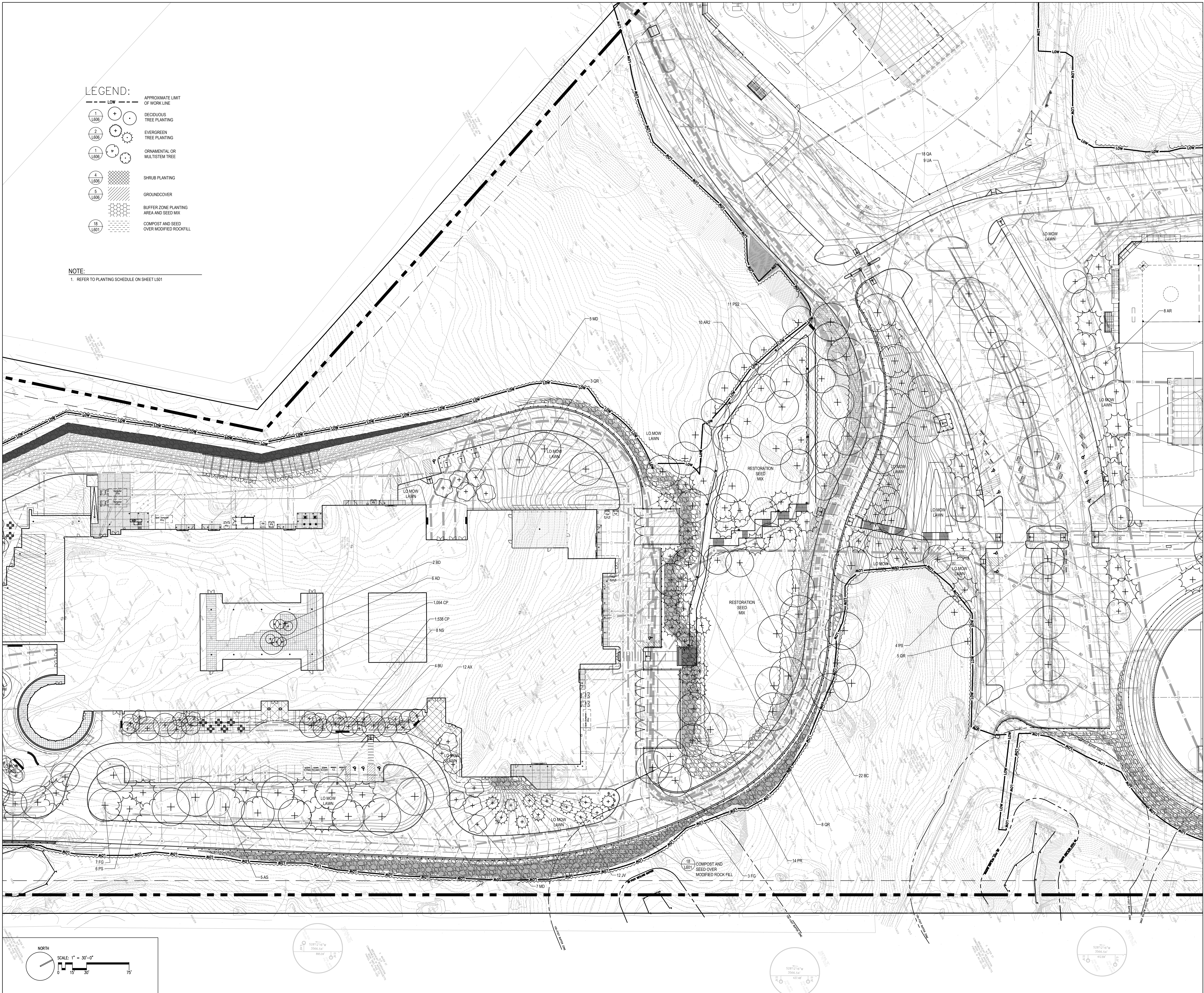
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| PROJECT NORTH | MAGNETIC NORTH |
|---------------|----------------|
|---------------|----------------|

Scale: 1" = 30'-0"  
Job No.: 20202.00  
Drawn By: JM  
Date: January 13, 2023

**L503**







LEGEND:

- LOW --- APPROXIMATE LIMIT OF WORK LINE
- 1 L606 + DECIDUOUS TREE PLANTING
- 2 L606 + EVERGREEN TREE PLANTING
- 1 L606 + ORNAMENTAL OR MULTISTEM TREE
- 4 L606 SHRUB PLANTING
- 5 L606 GROUND COVER
- 18 L601 BUFFER ZONE PLANTING AREA AND SEED MIX
- COMPOST AND SEED OVER MODIFIED ROCKFILL

NOTE:

1. REFER TO PLANTING LEGEND ON SHEET L501

DRA

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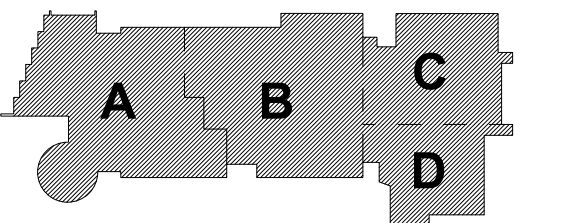
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WARNER LARSON  
LANDSCAPE ARCHITECTS  
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MSBA 60% CD  
Submission  
December 13, 2023



KEY PLAN

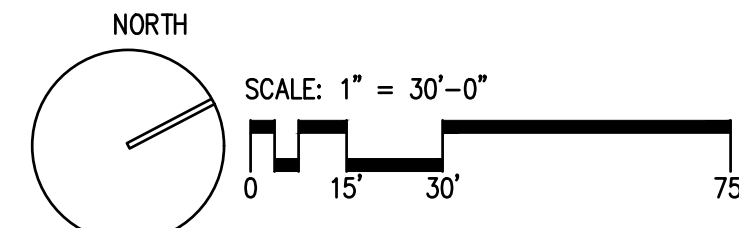
PROJECT NORTH MAGNETIC NORTH

PLANTING  
PLAN - 4

Scale: 1" = 30'-0"  
Job No.: 20202.00  
Drawn By: JM  
Date: January 13, 2023

L504





- LEGEND:**
- |            |     |     |                                         |
|------------|-----|-----|-----------------------------------------|
| ---        | LOW | --- | APPROXIMATE LIMIT OF WORK LINE          |
| 1<br>L606  | +   | +   | DECIDUOUS TREE PLANTING                 |
| 2<br>L606  | +   | +   | EVERGREEN TREE PLANTING                 |
| 1<br>L606  | +   | +   | ORNAMENTAL OR MULTISTEM TREE            |
| 4<br>L606  | +   | +   | SHRUB PLANTING                          |
| 5<br>L606  | +   | +   | GROUND COVER                            |
| 18<br>L601 | +   | +   | BUFFER ZONE PLANTING AREA AND SEED MIX  |
|            | +   | +   | COMPOST AND SEED OVER MODIFIED ROCKFILL |

**NOTE:**  
1. REFER TO PLANTING LEGEND ON SHEET L501

DRA

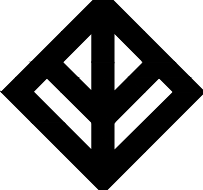
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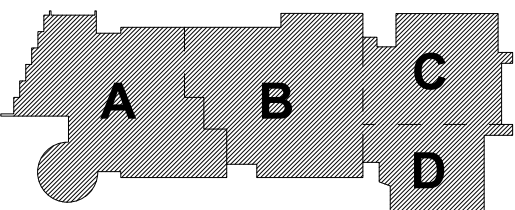
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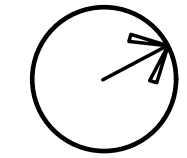
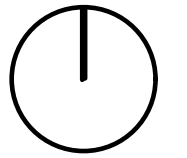
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KEY PLAN

PROJECT NORTH

MAGNETIC NORTH

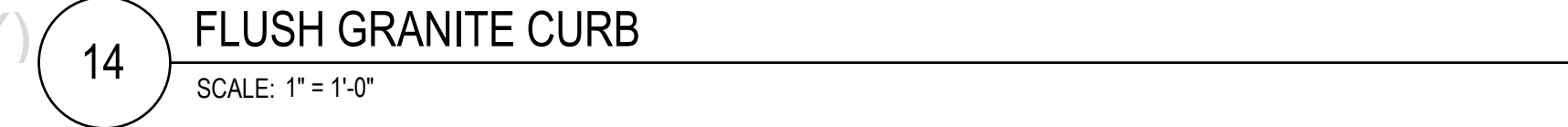


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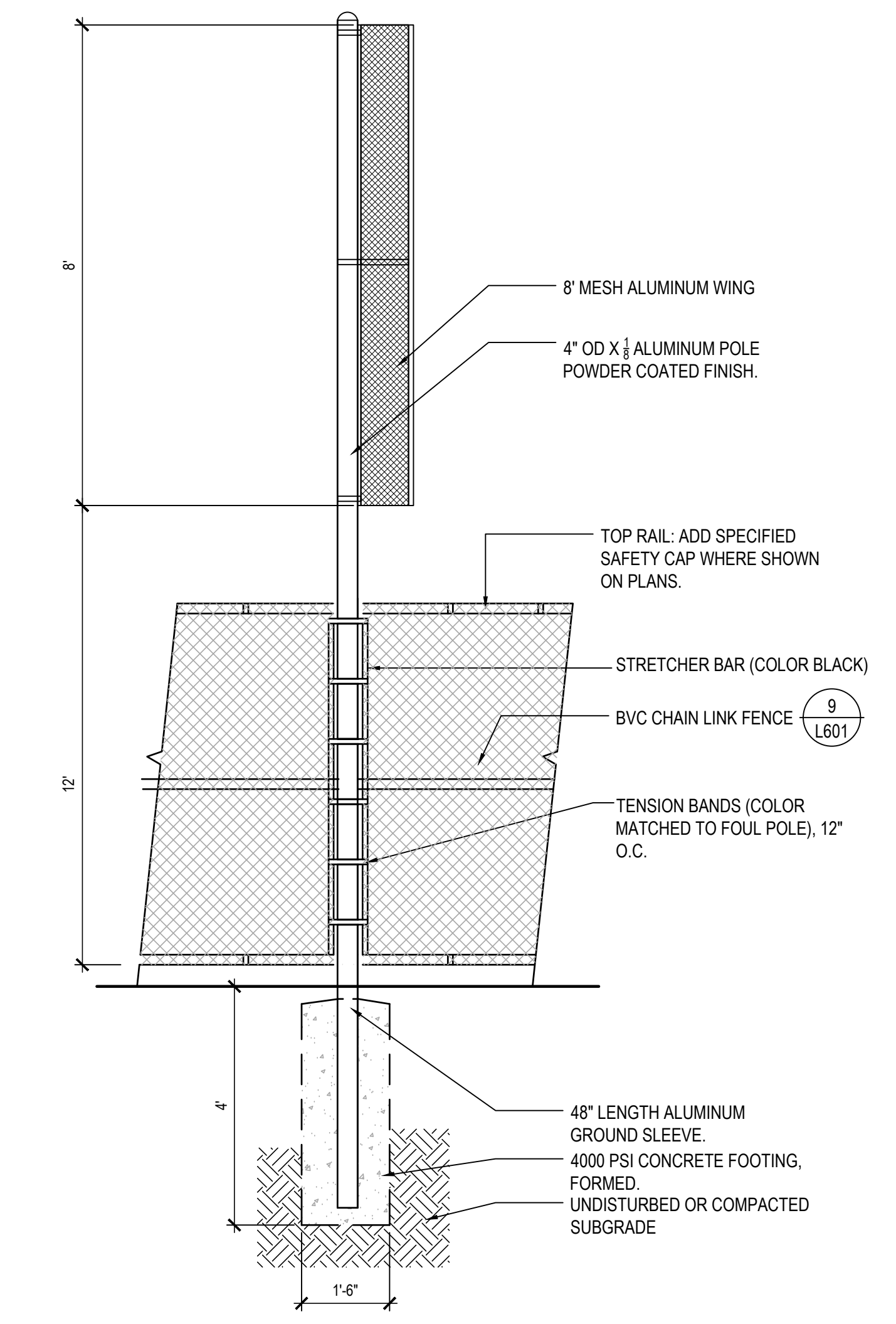
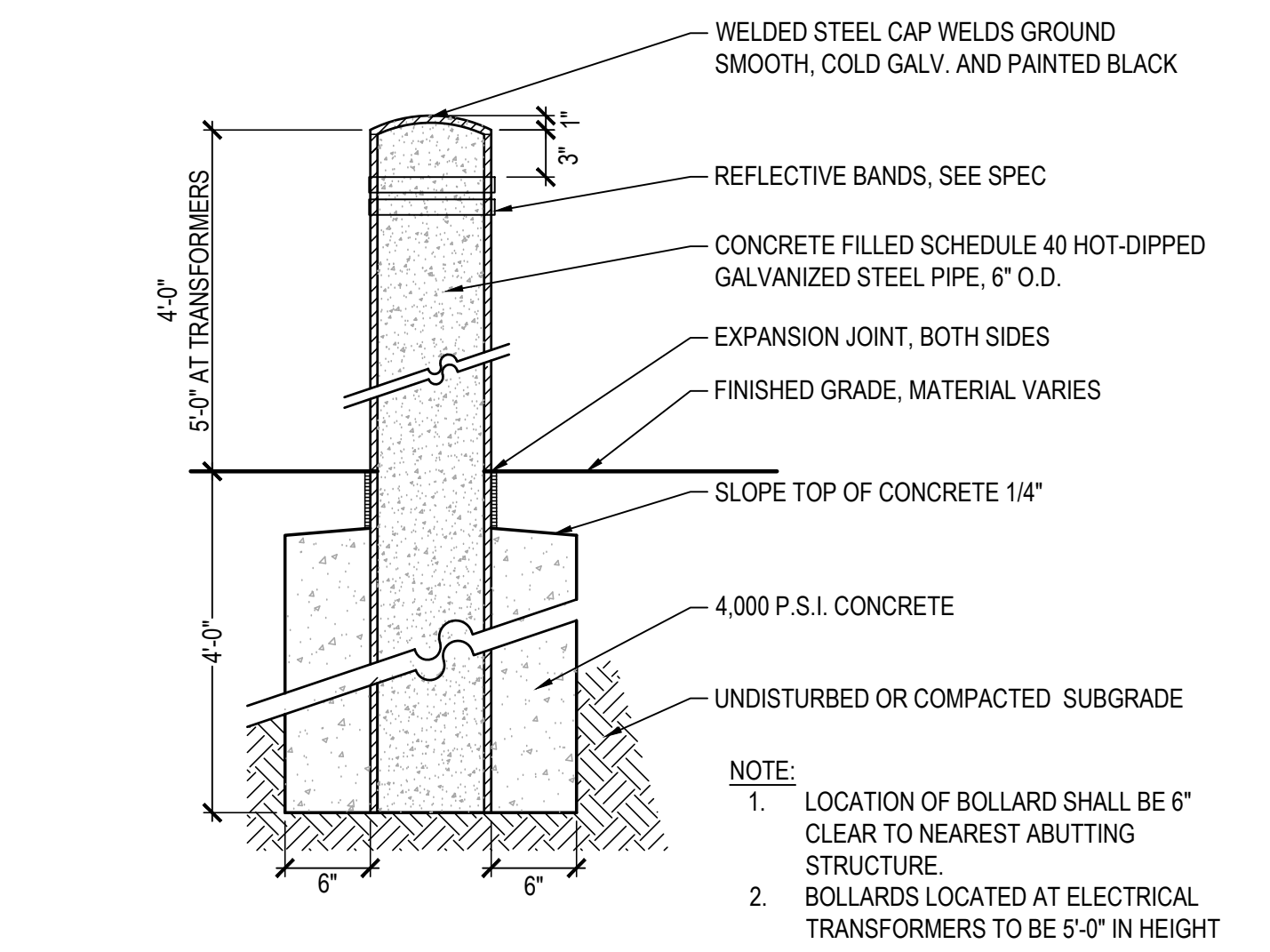
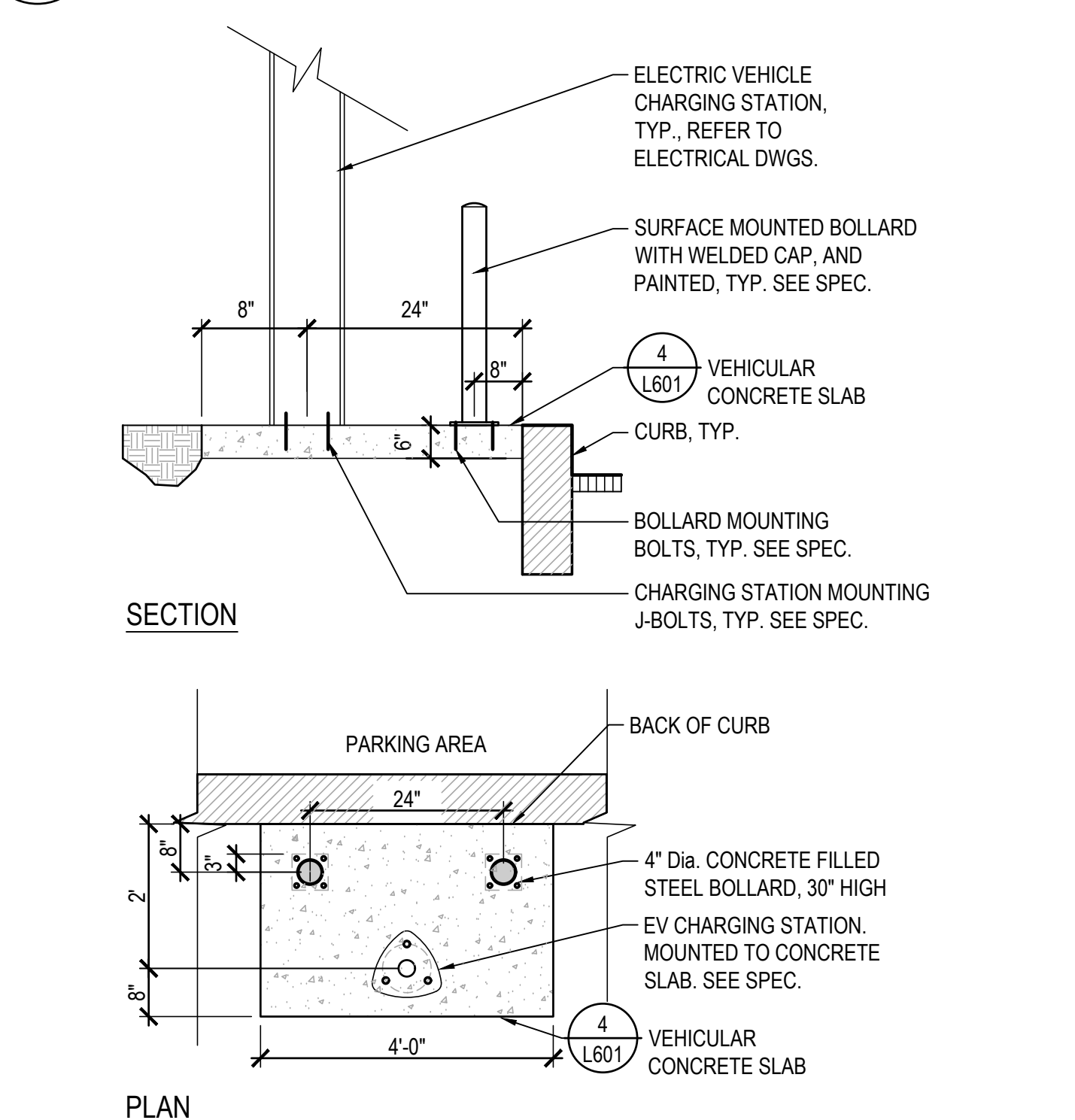
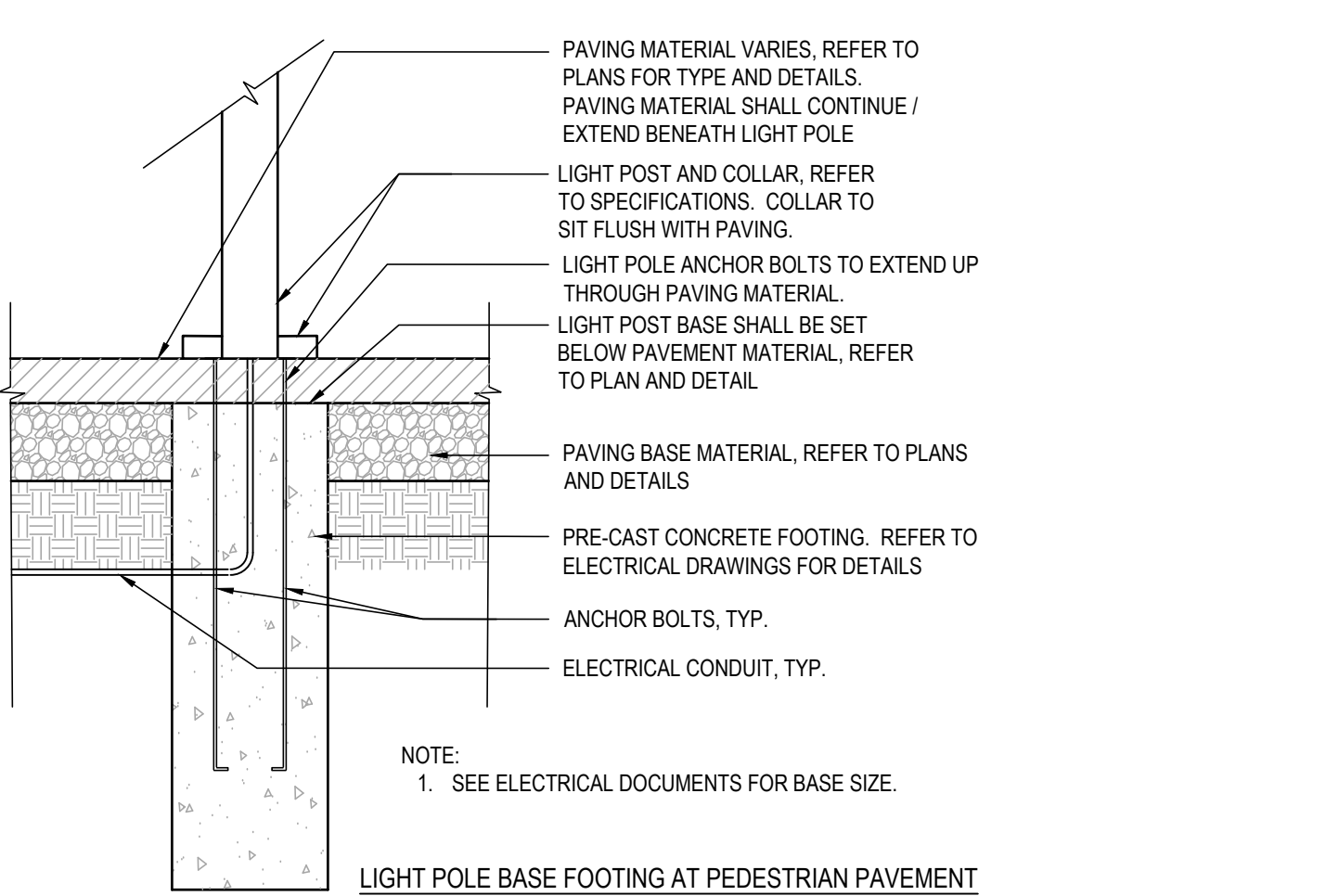
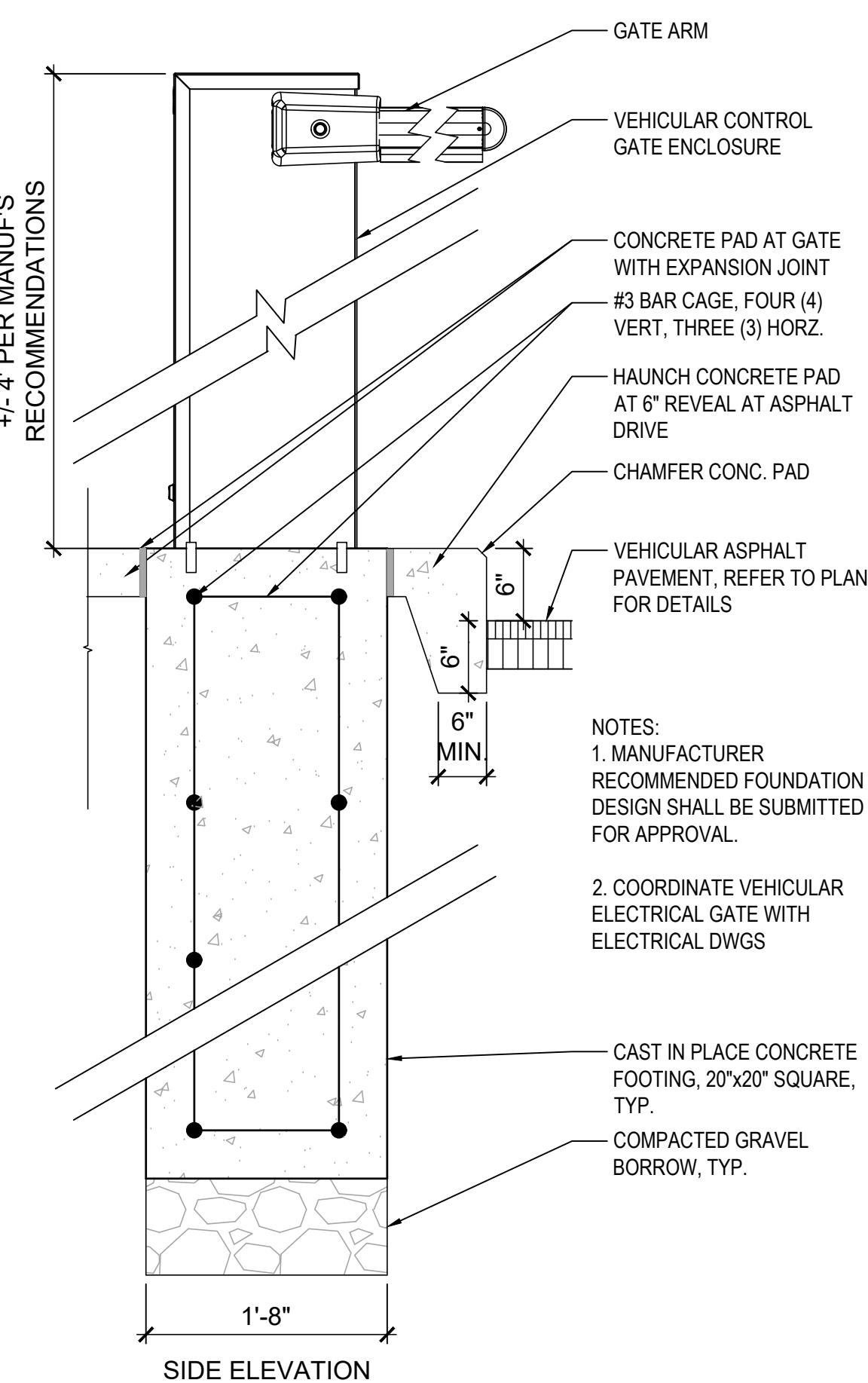
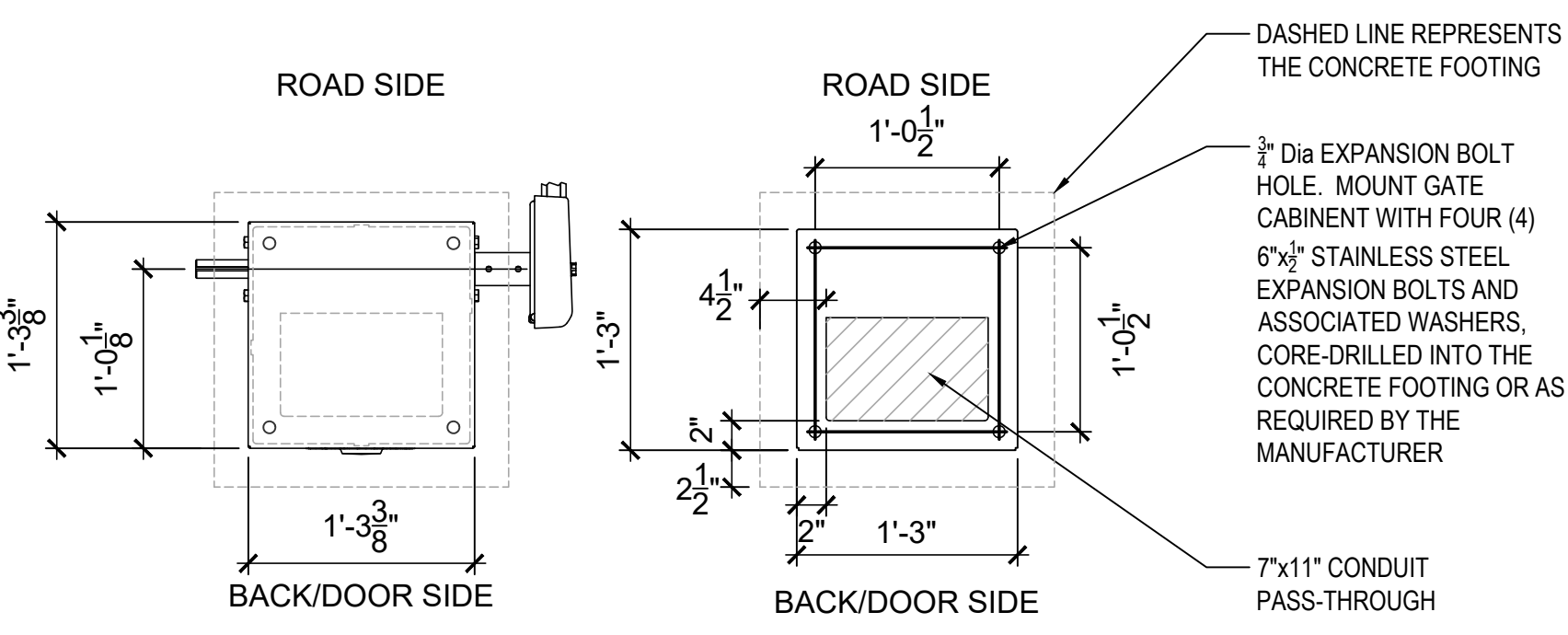
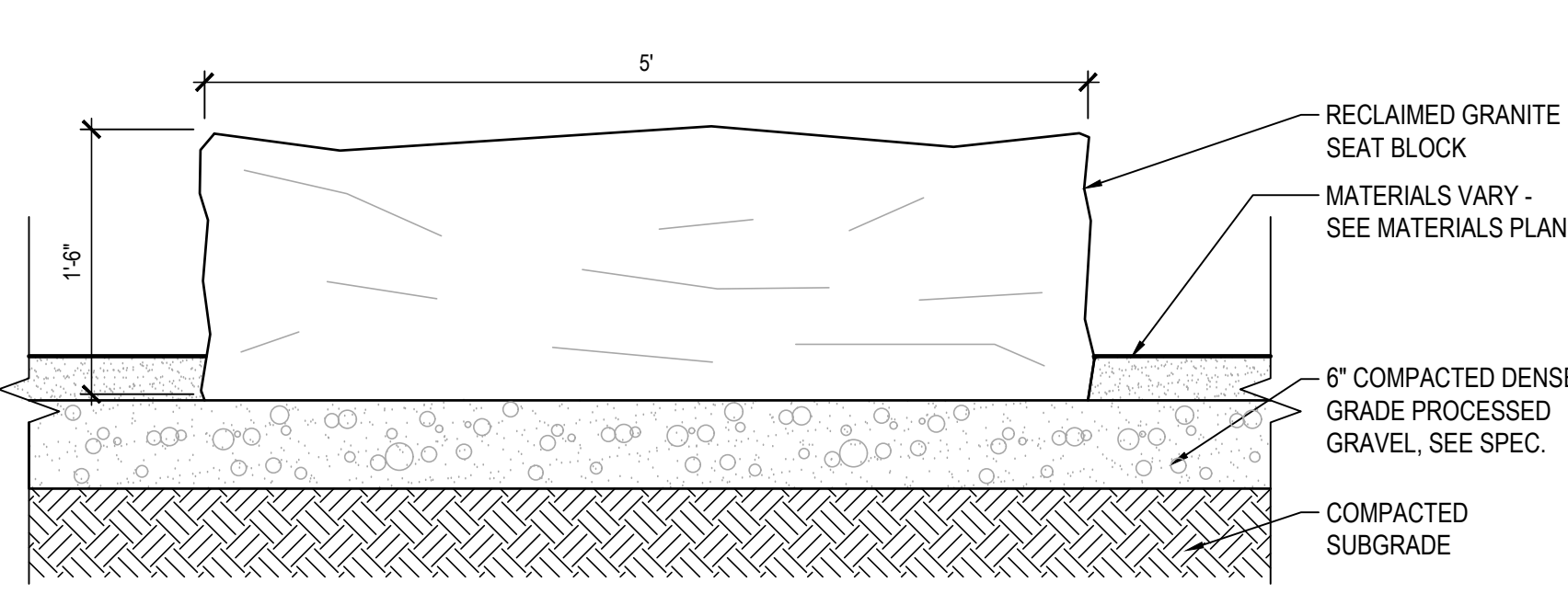
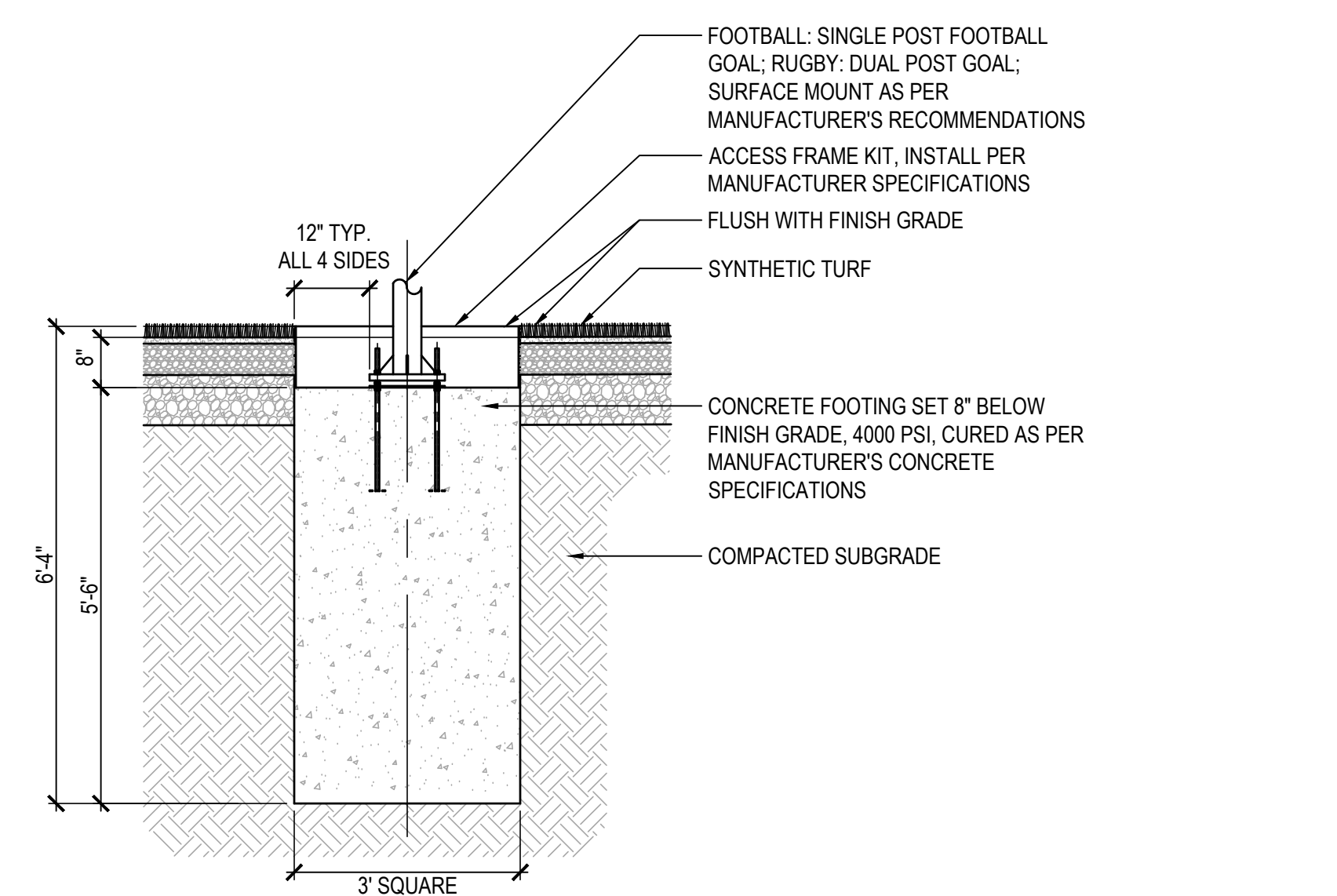
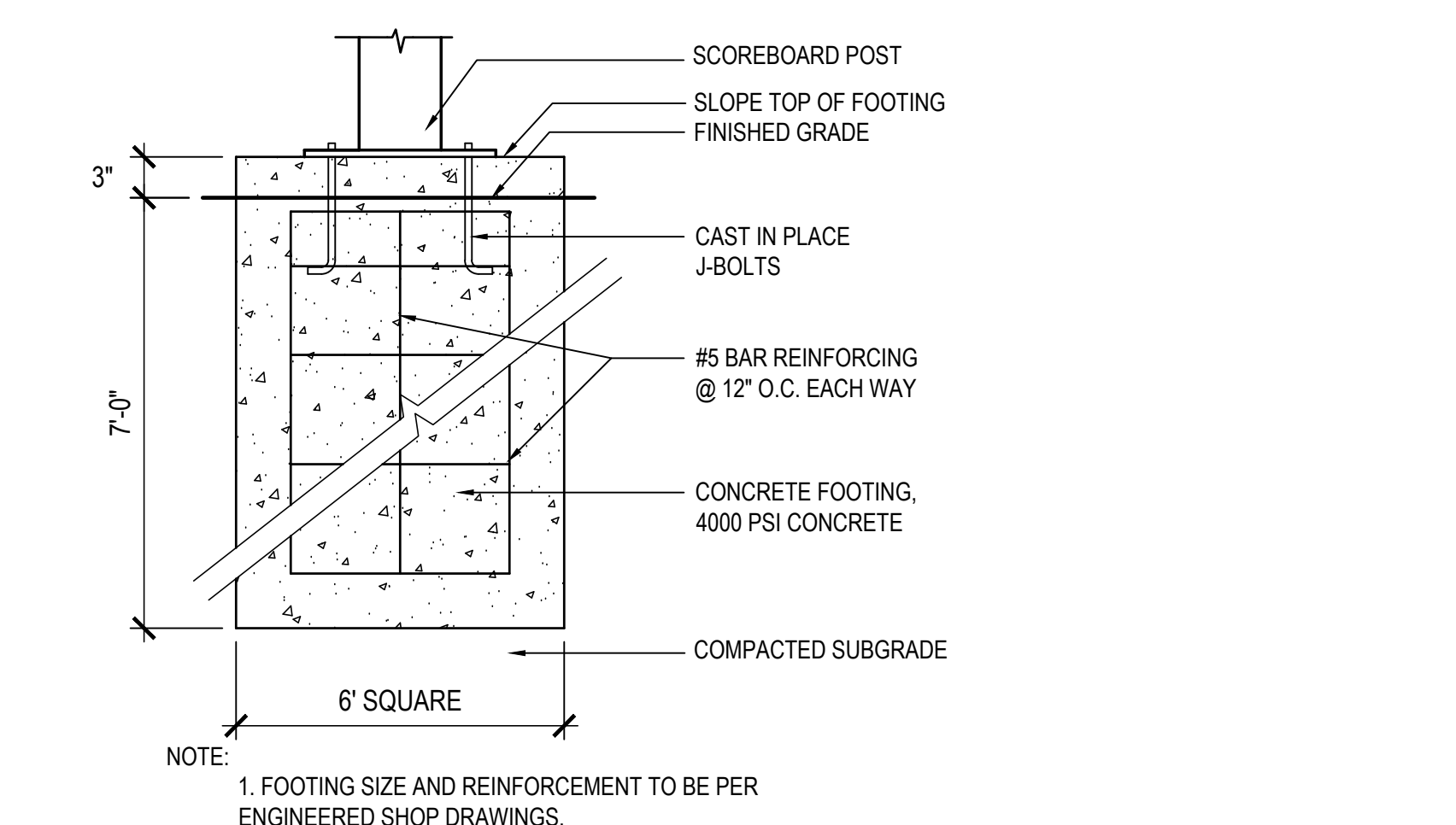
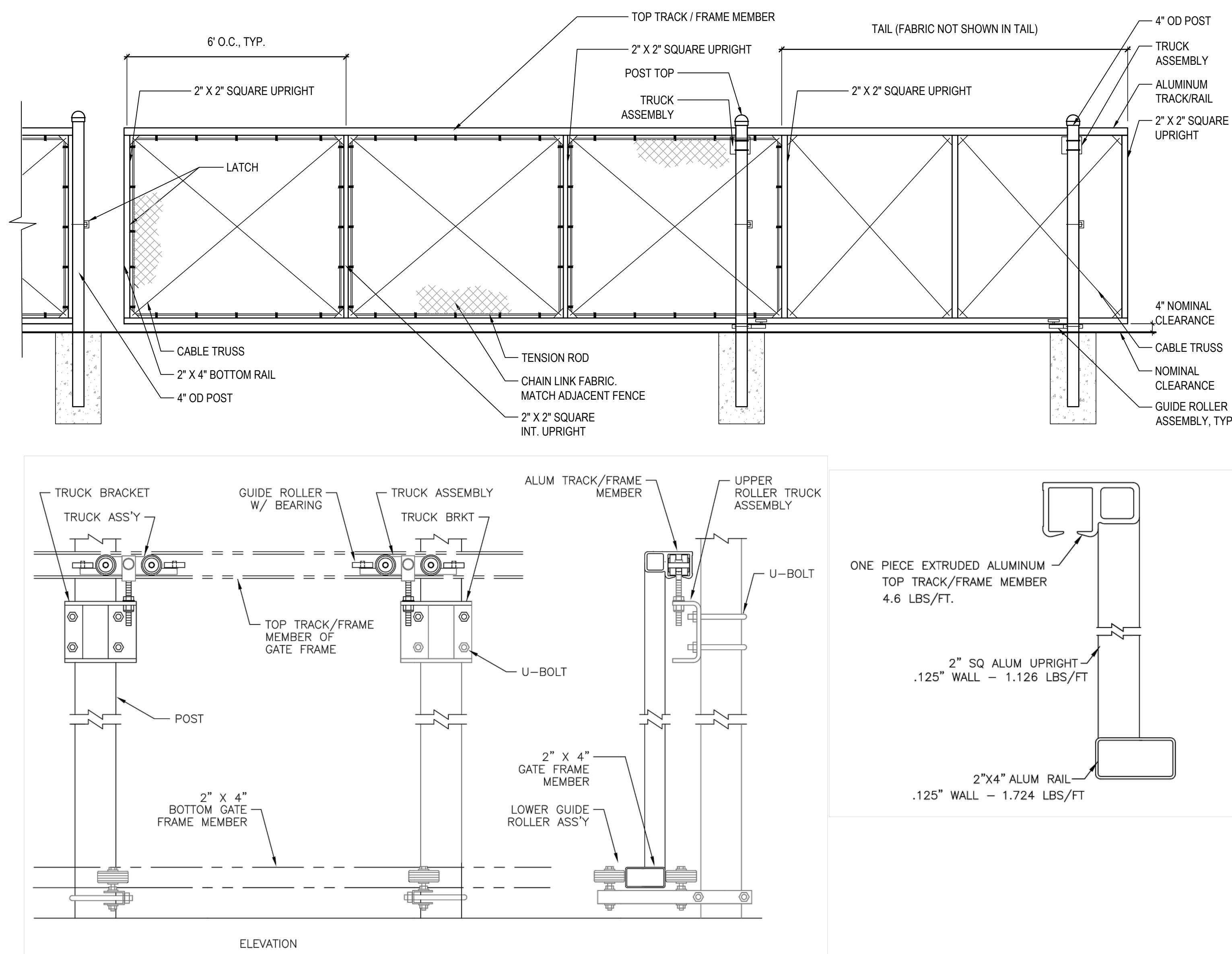
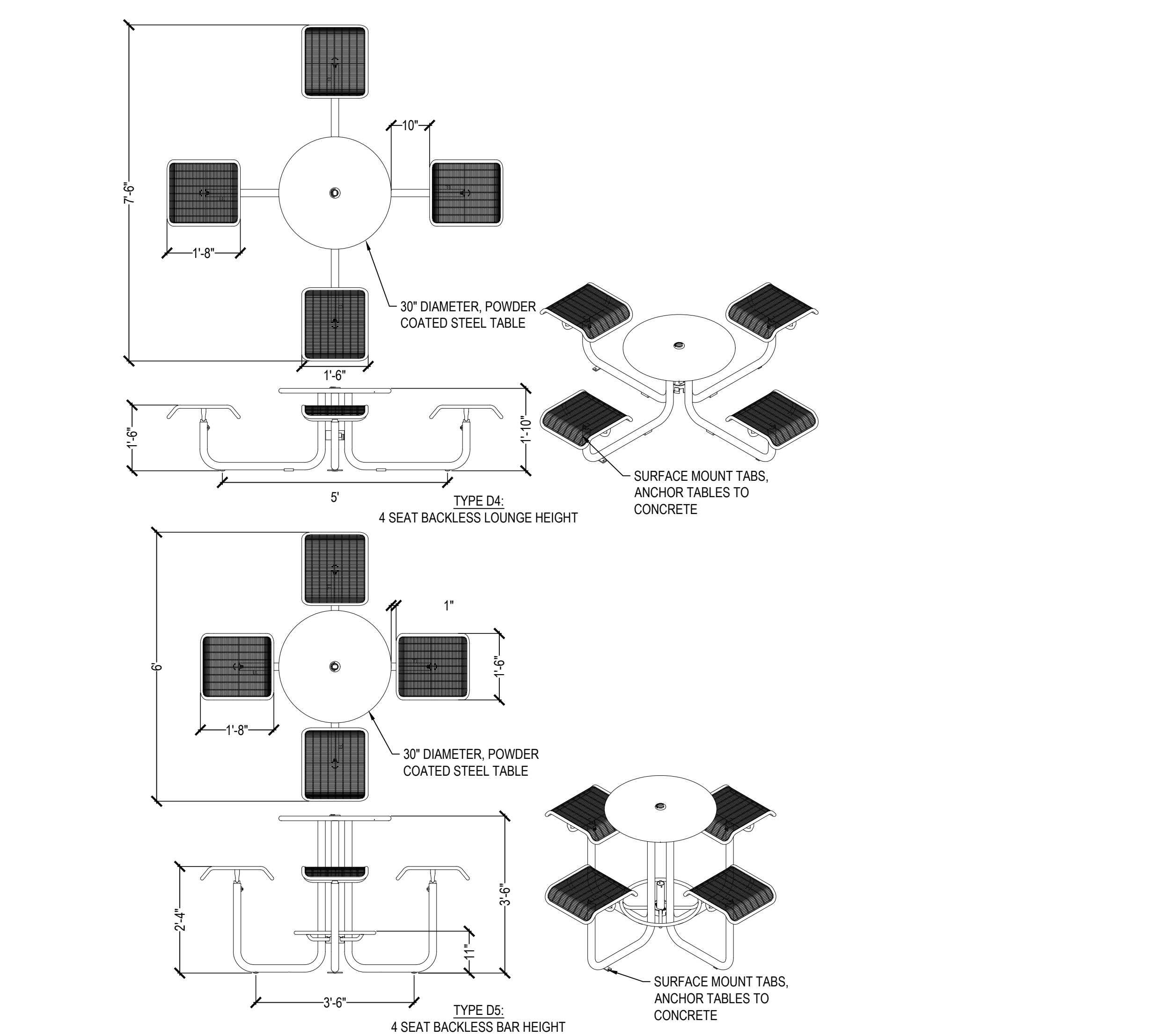
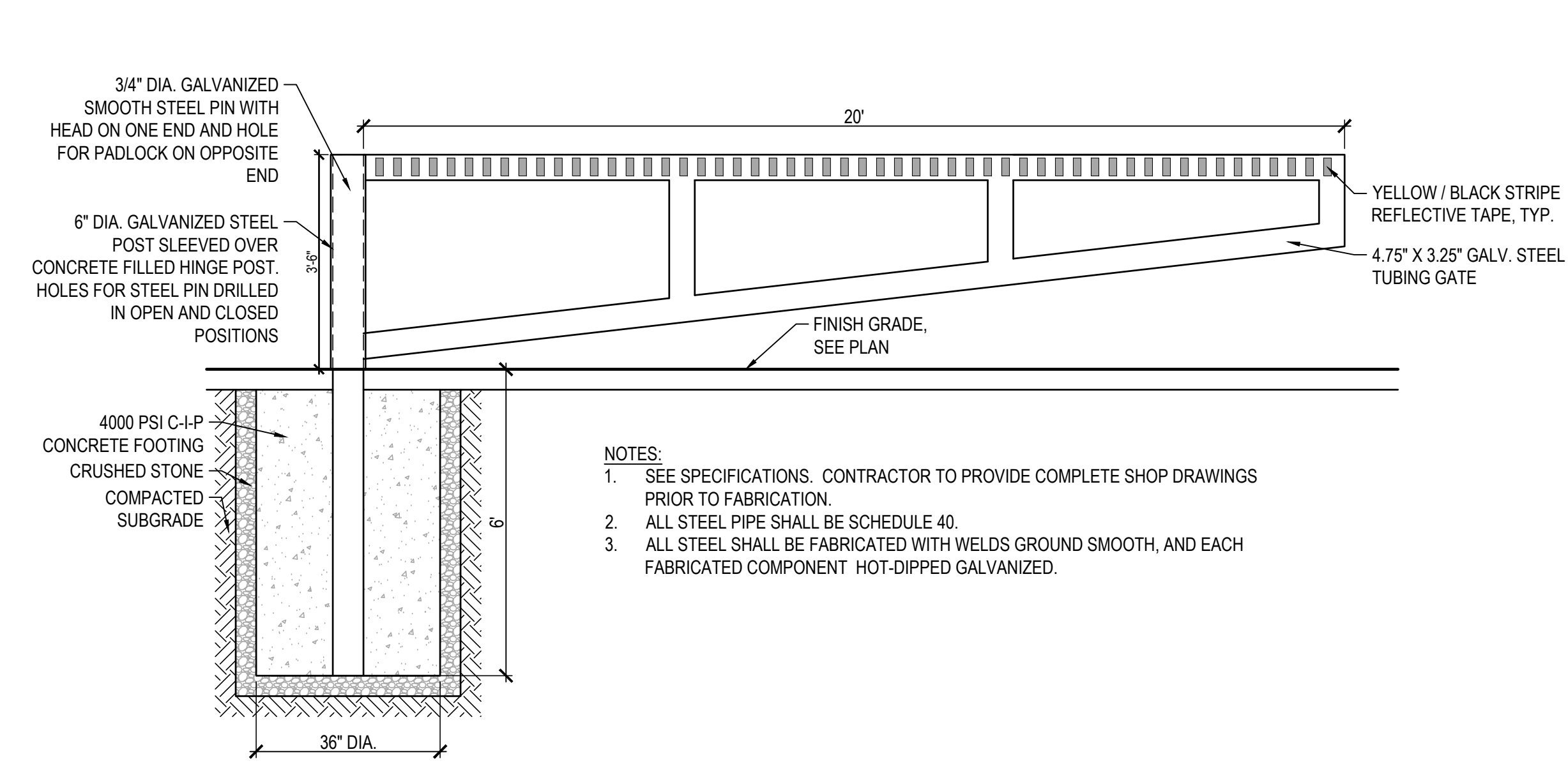
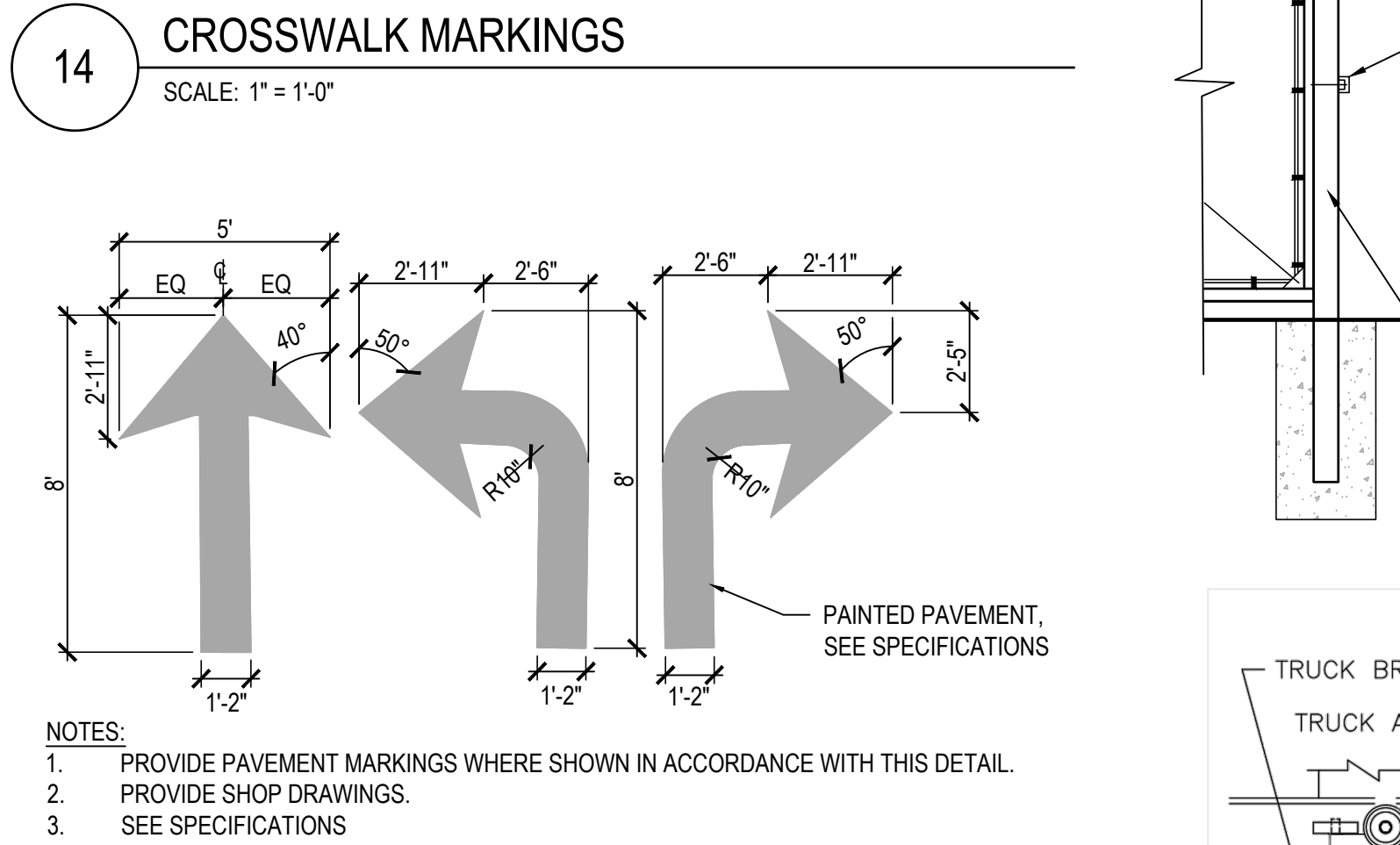
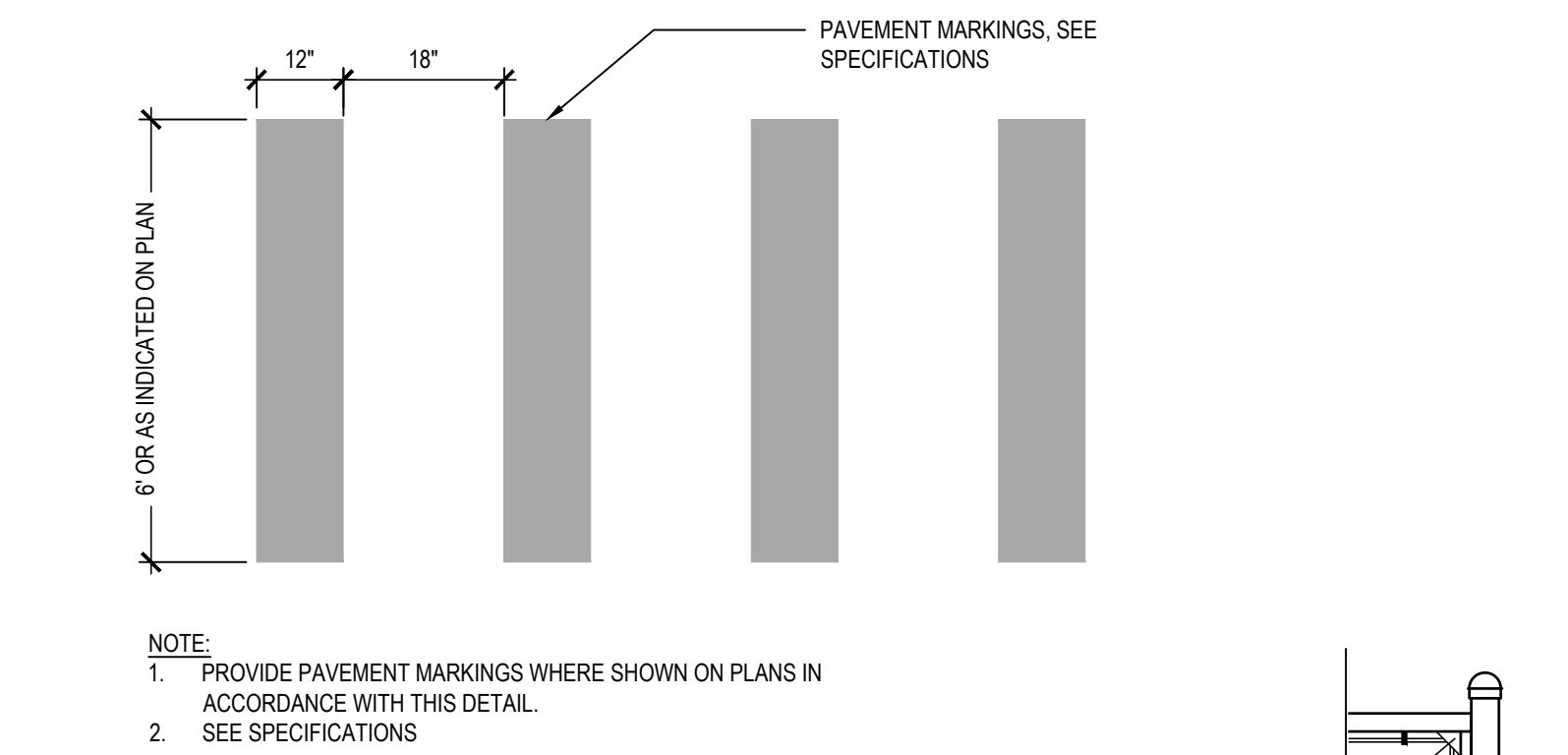
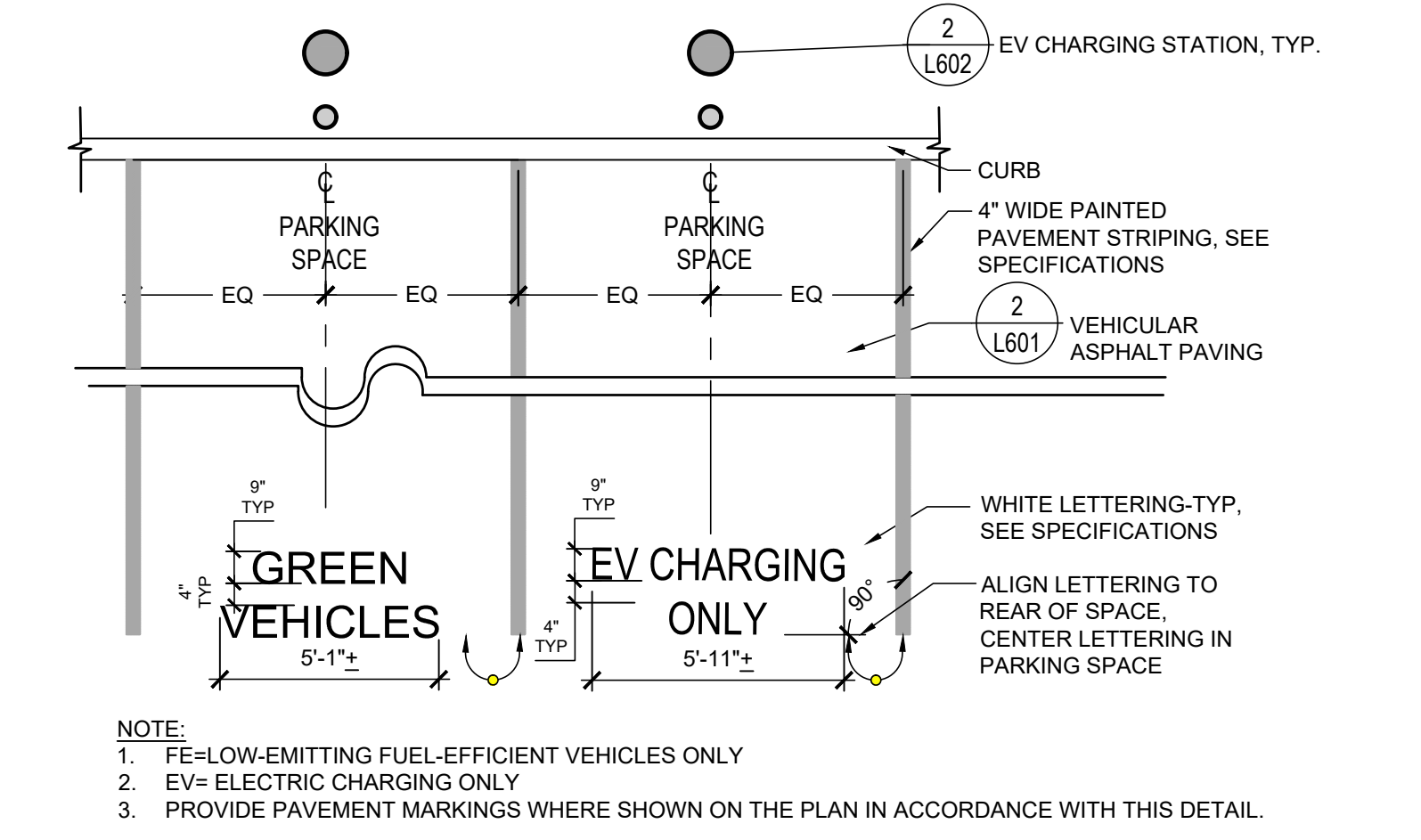
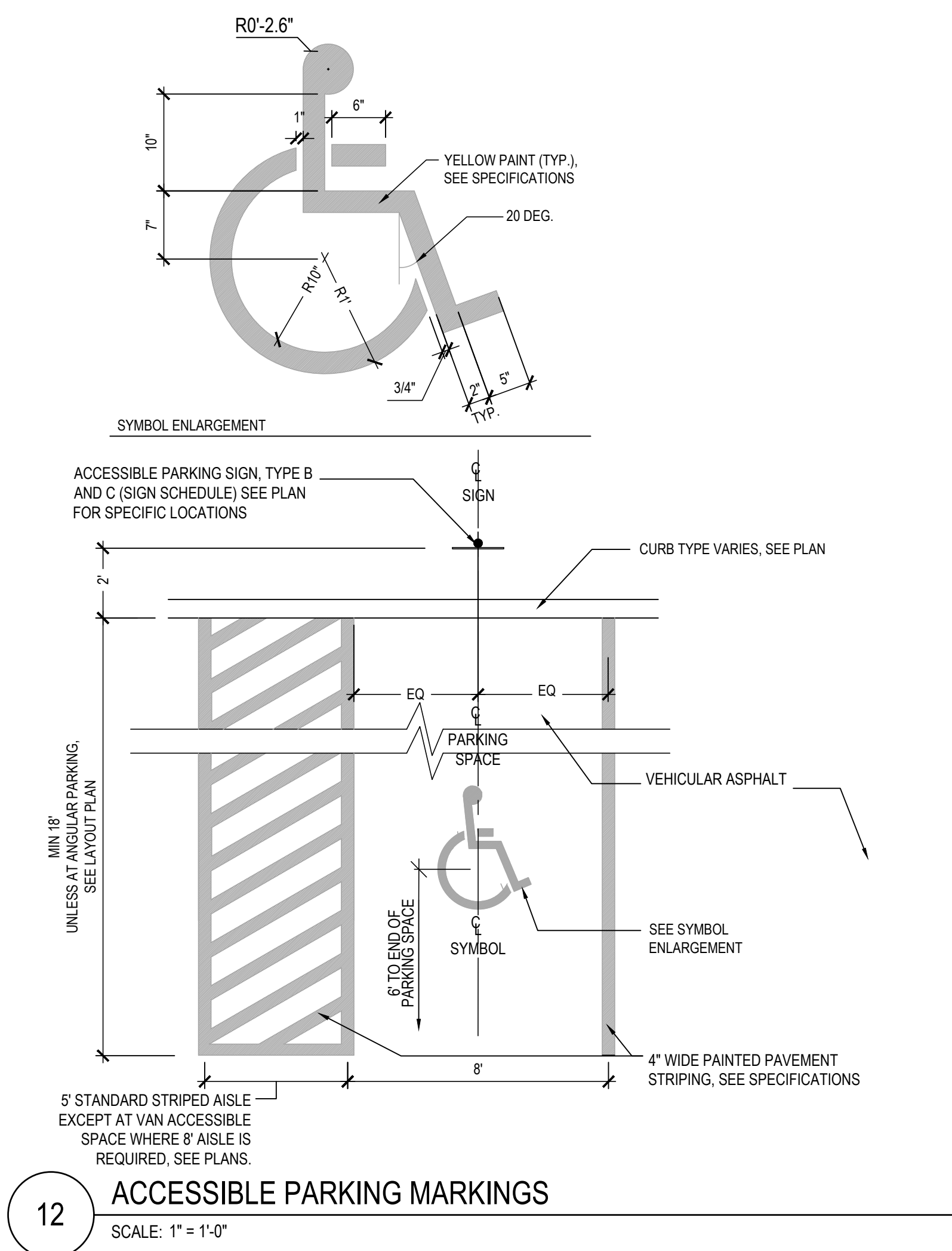
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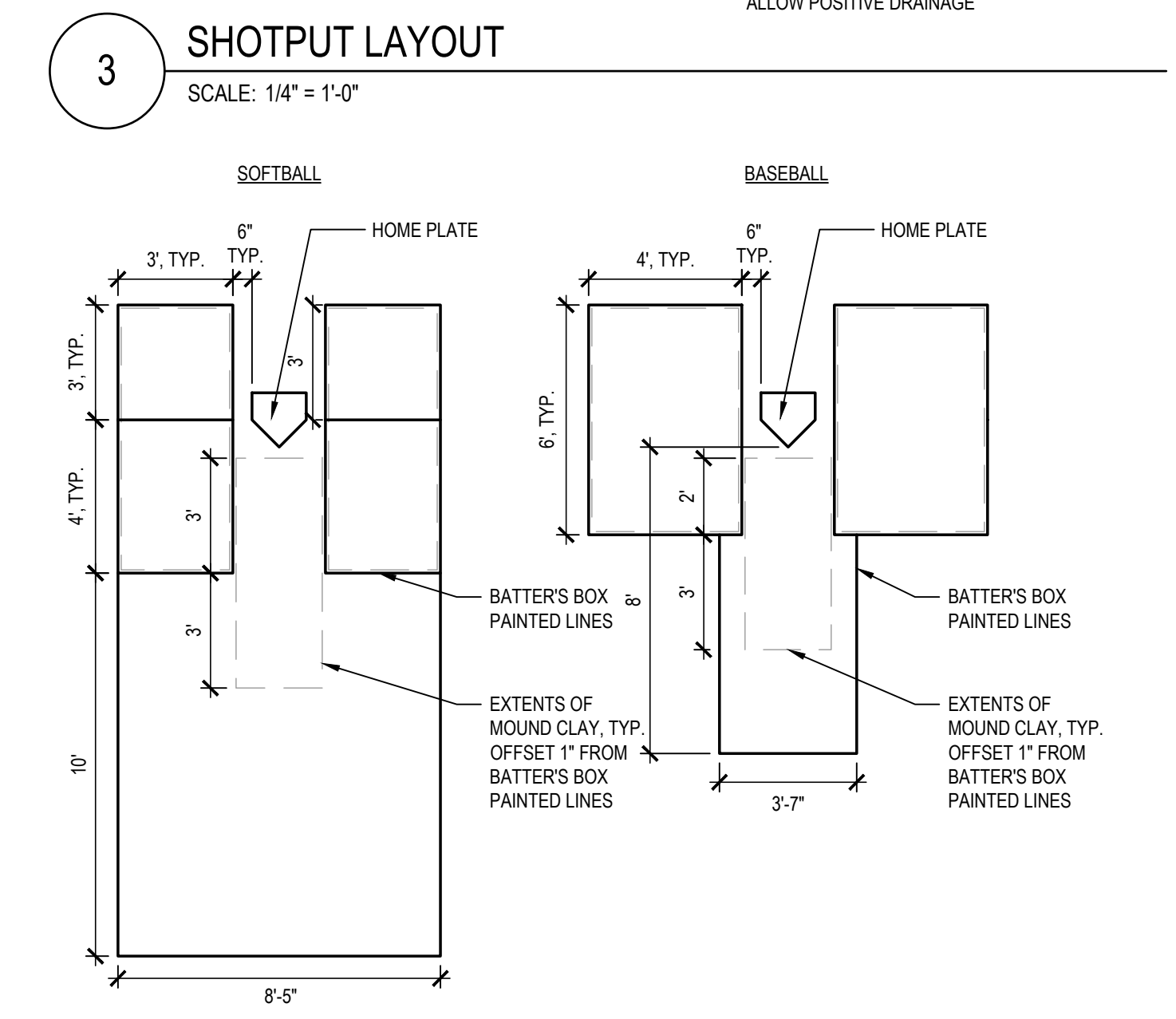
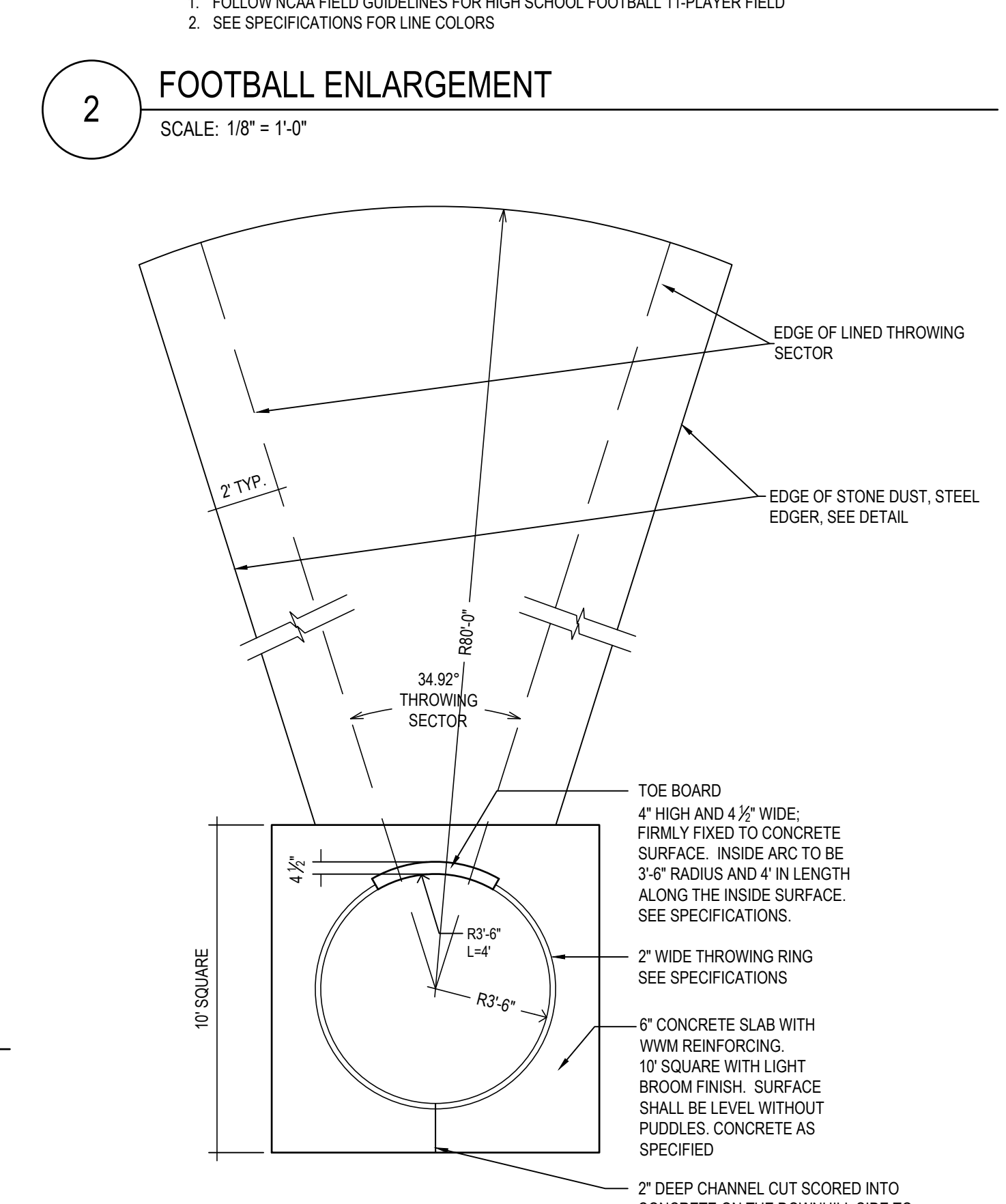
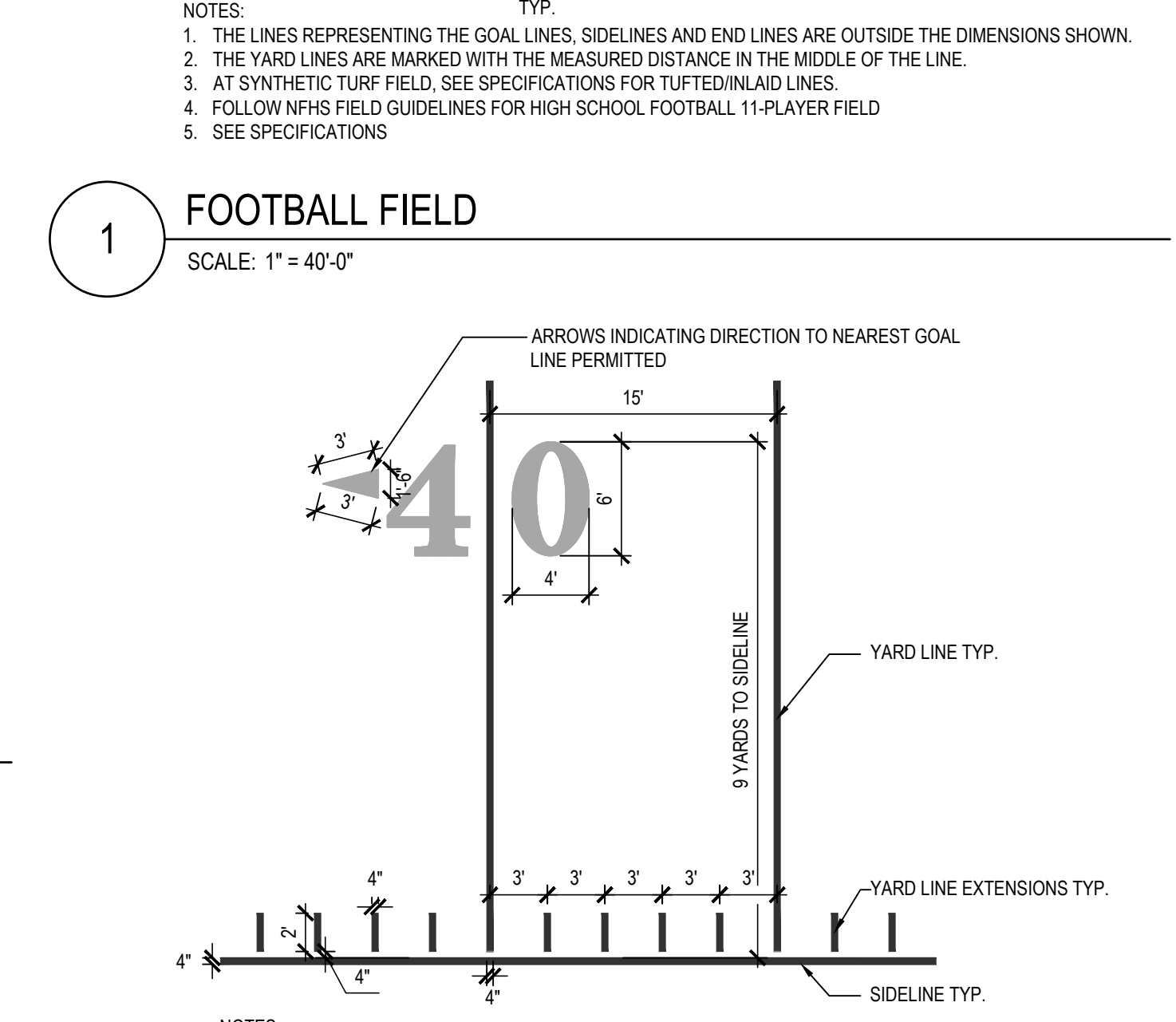
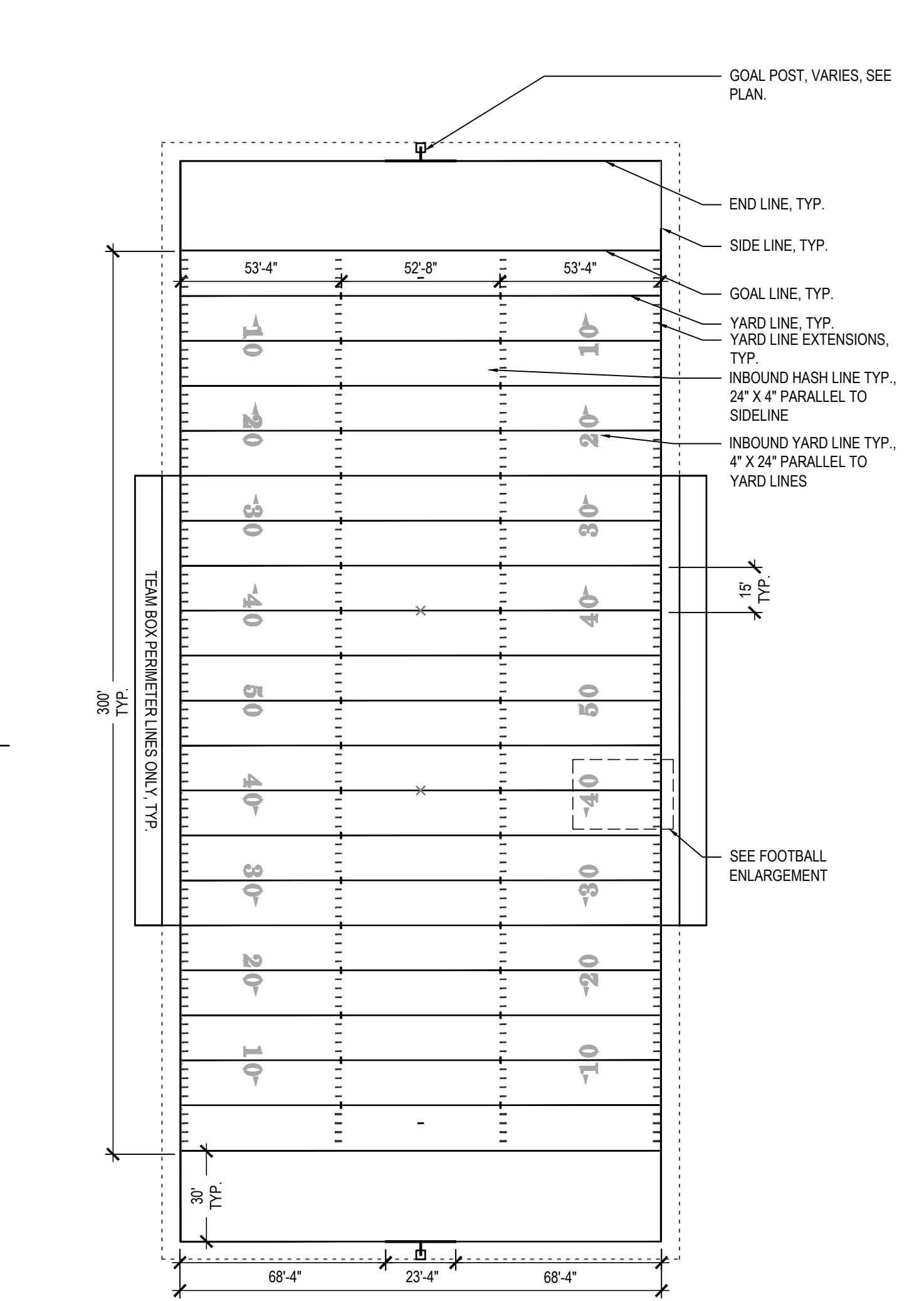
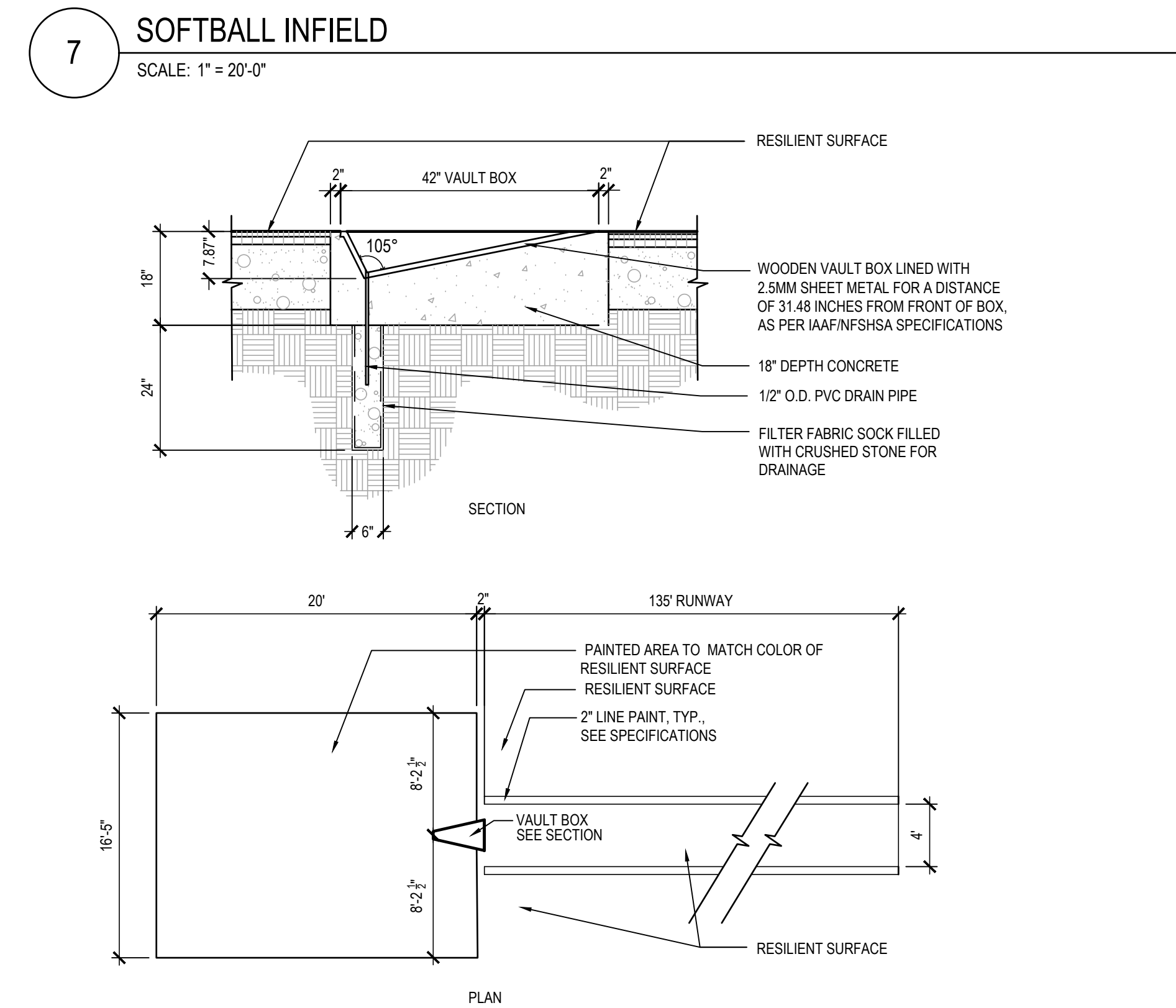
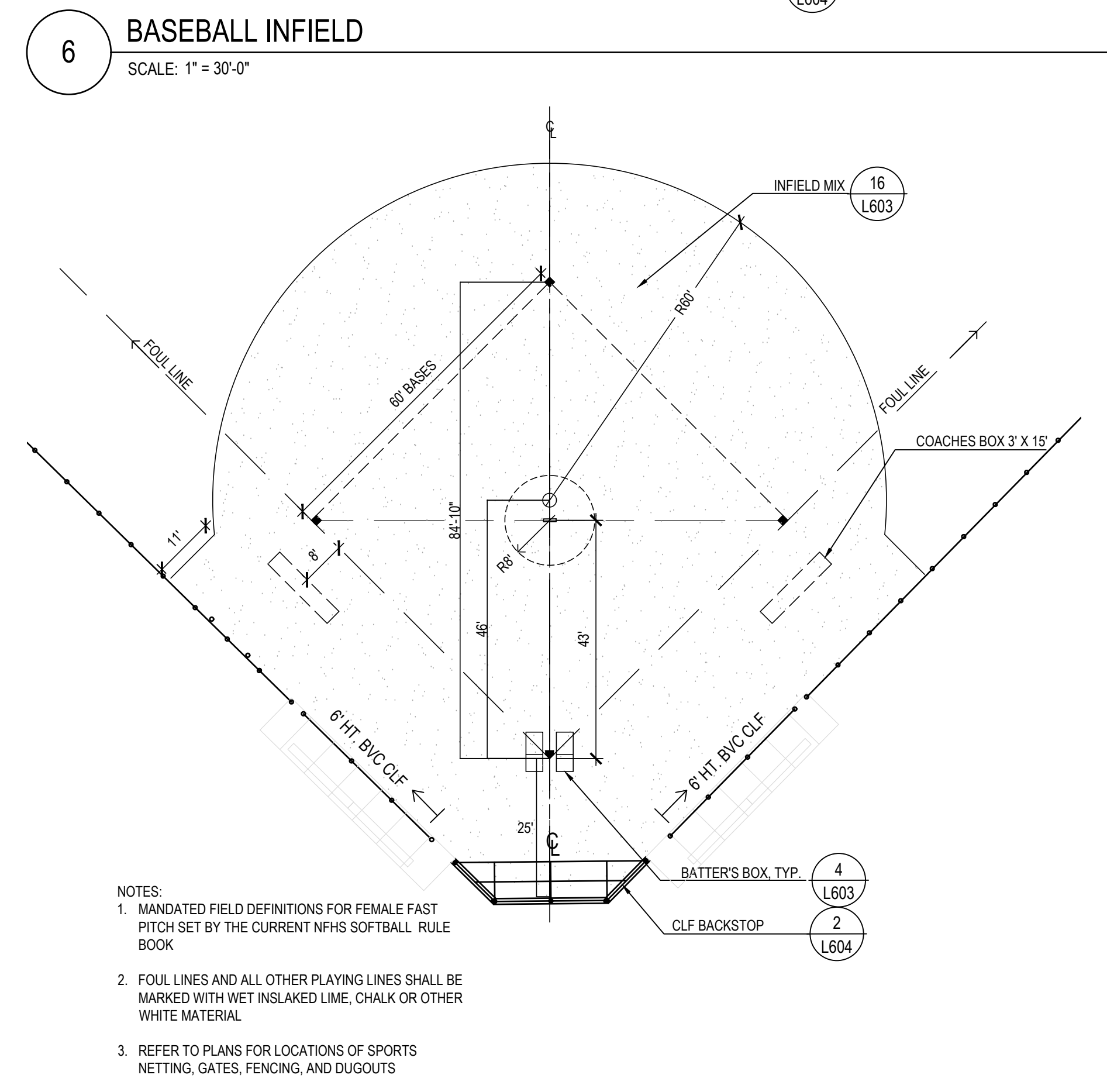
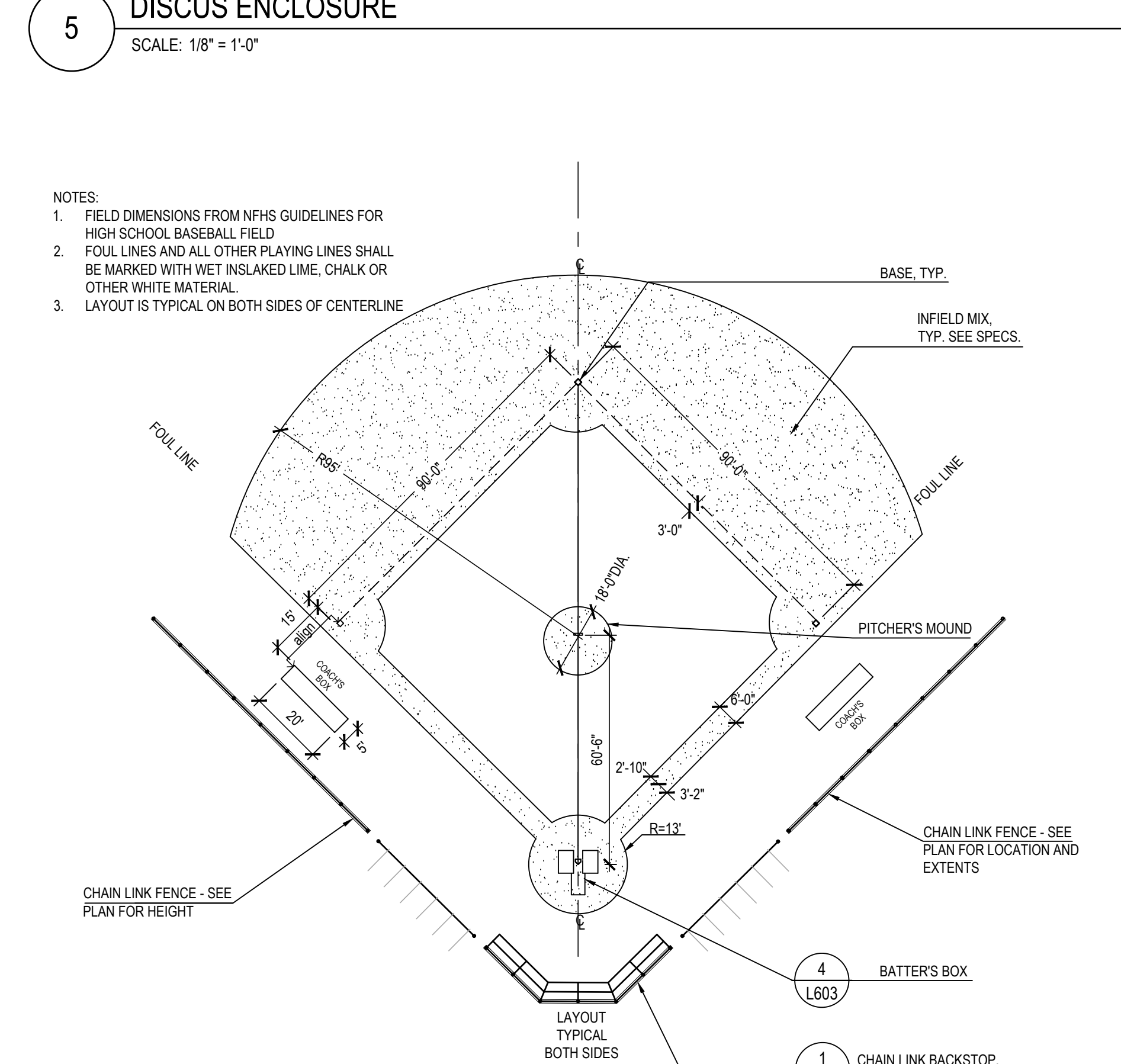
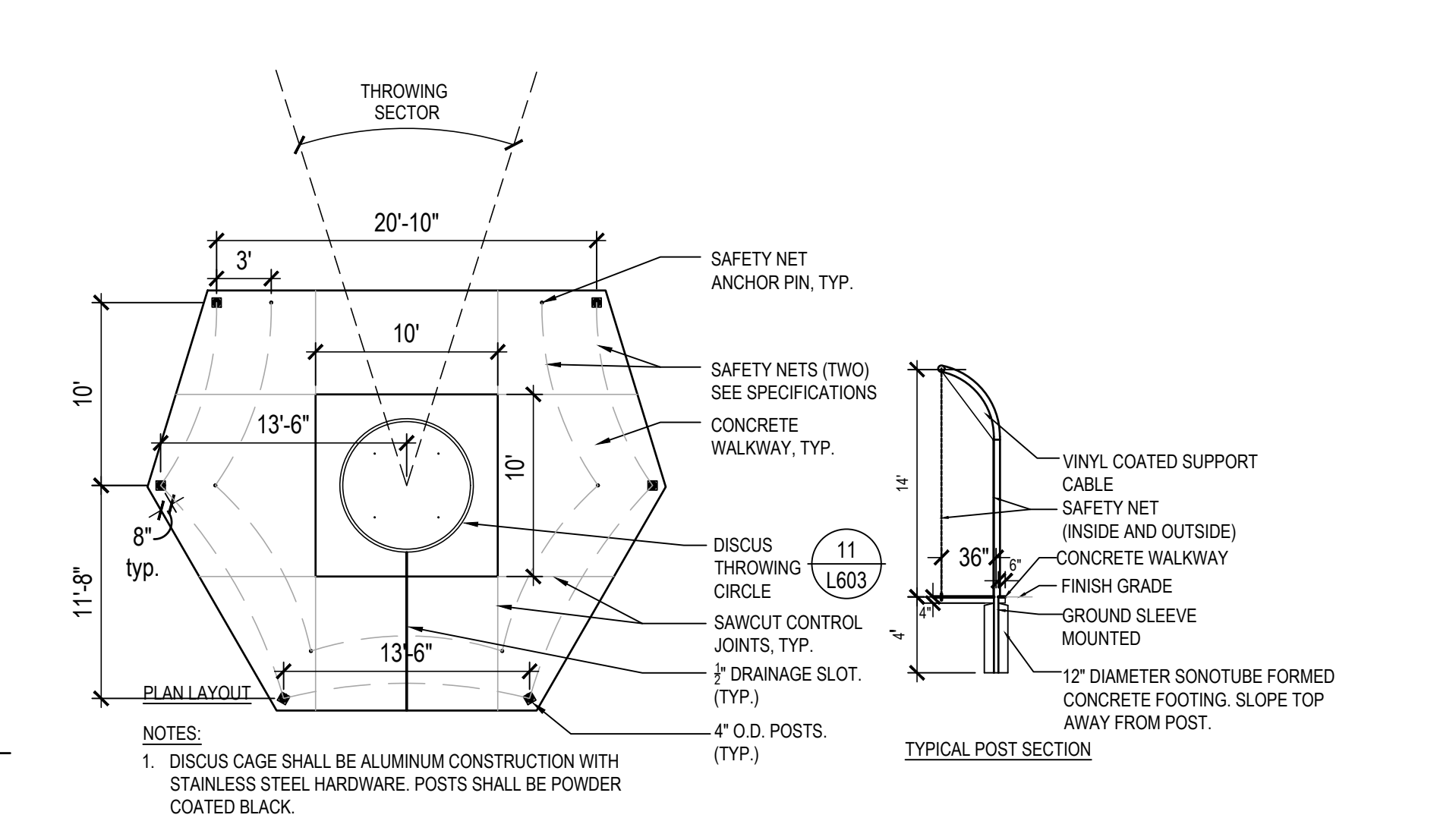
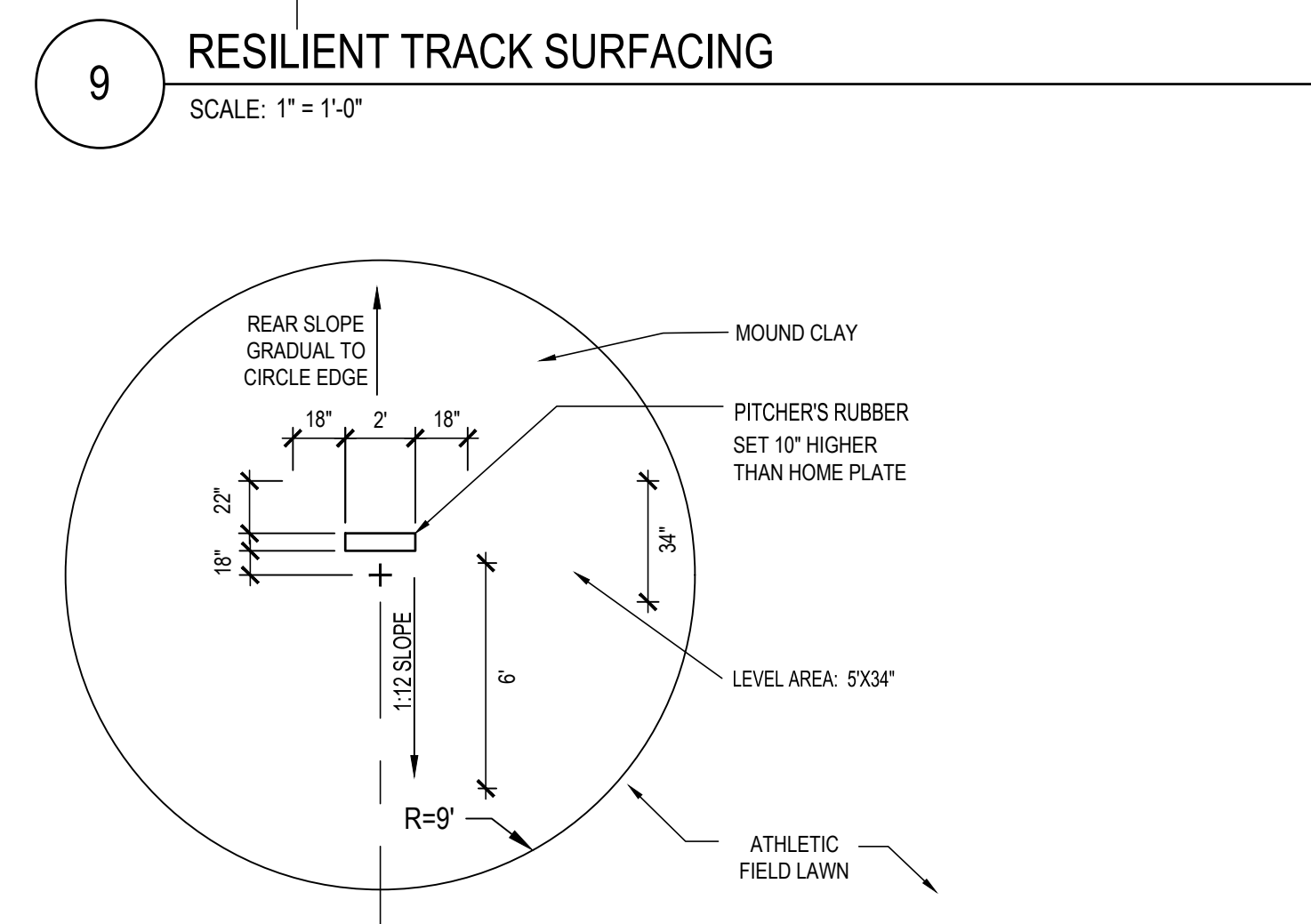
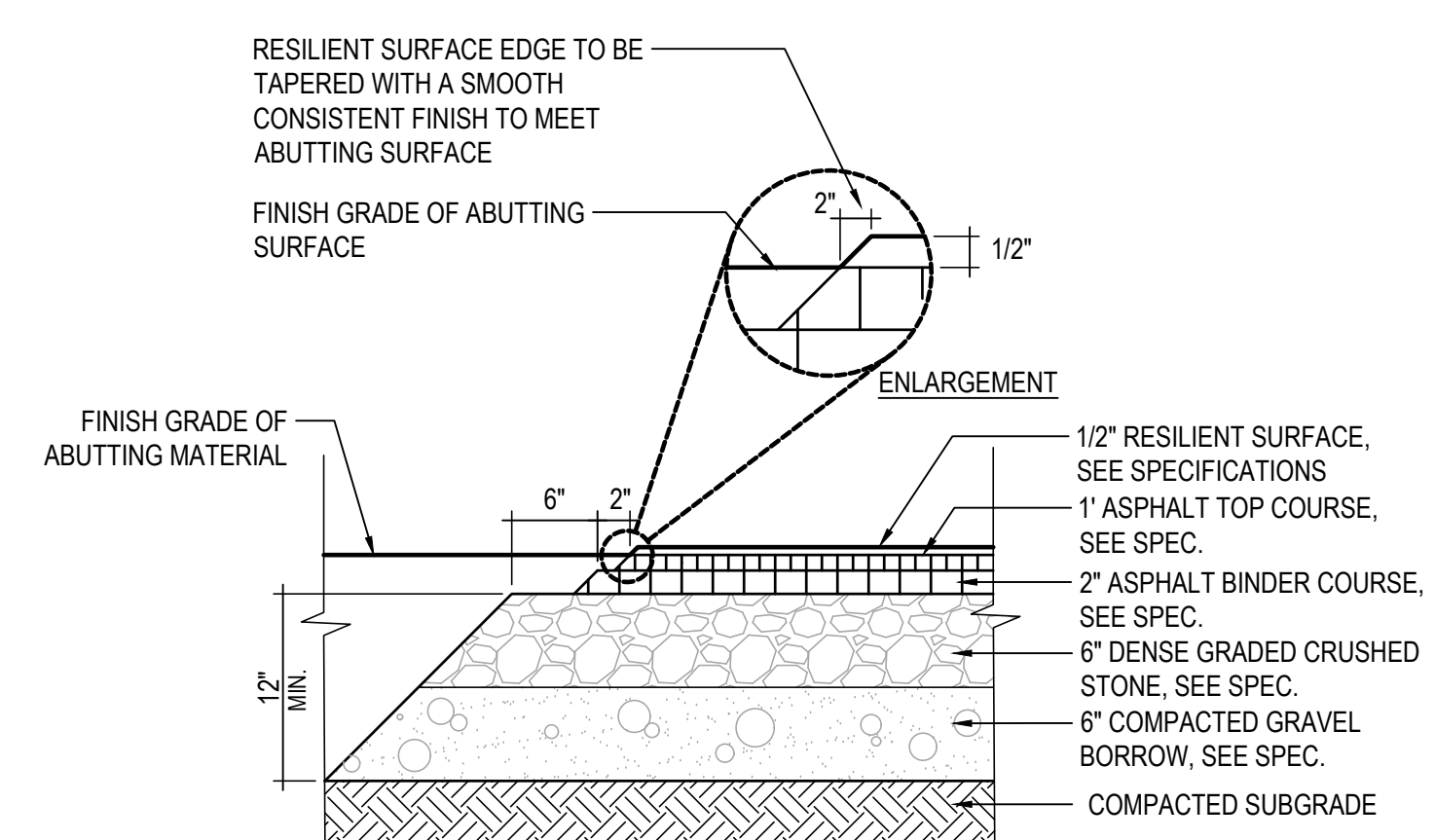
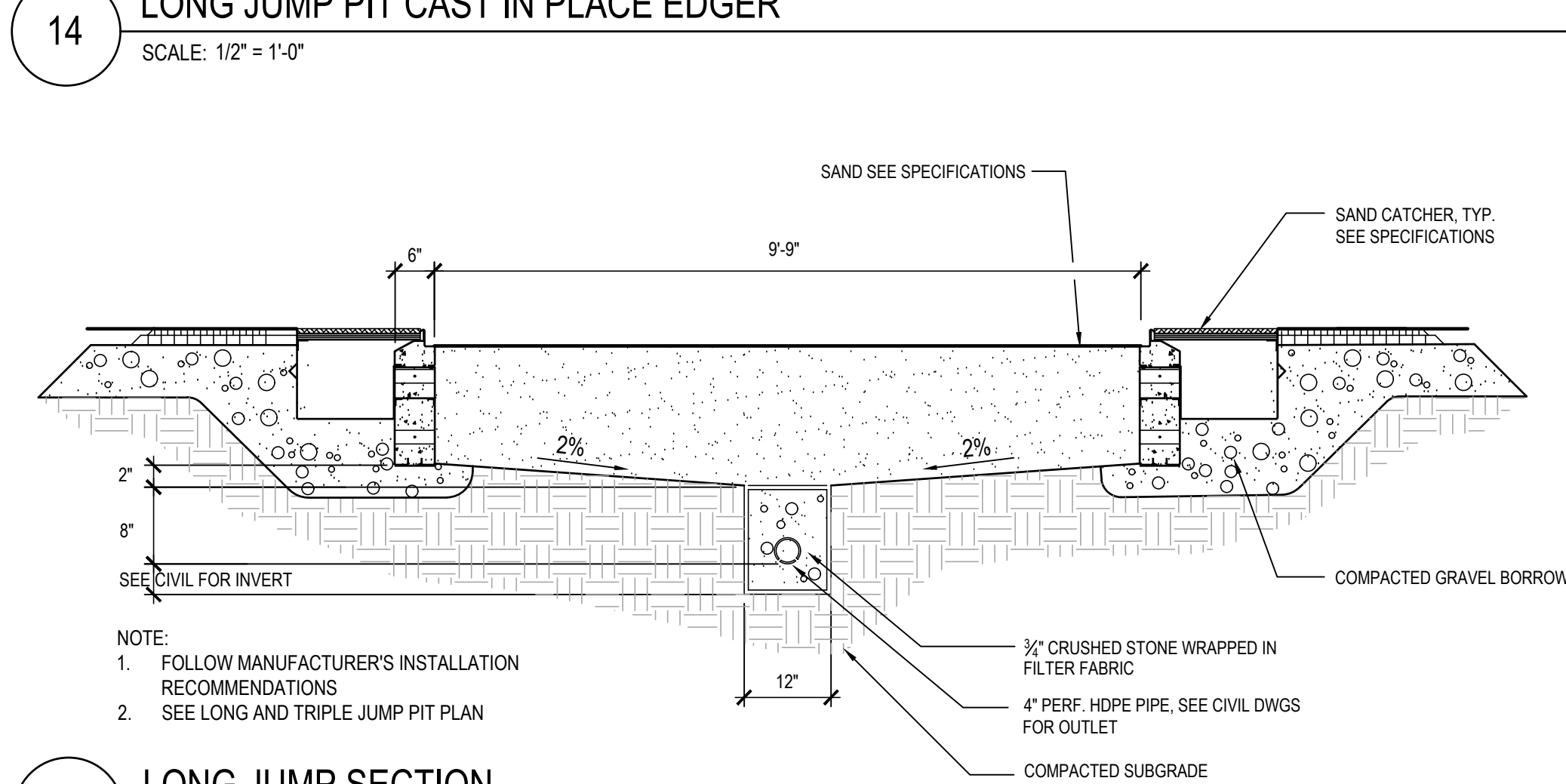
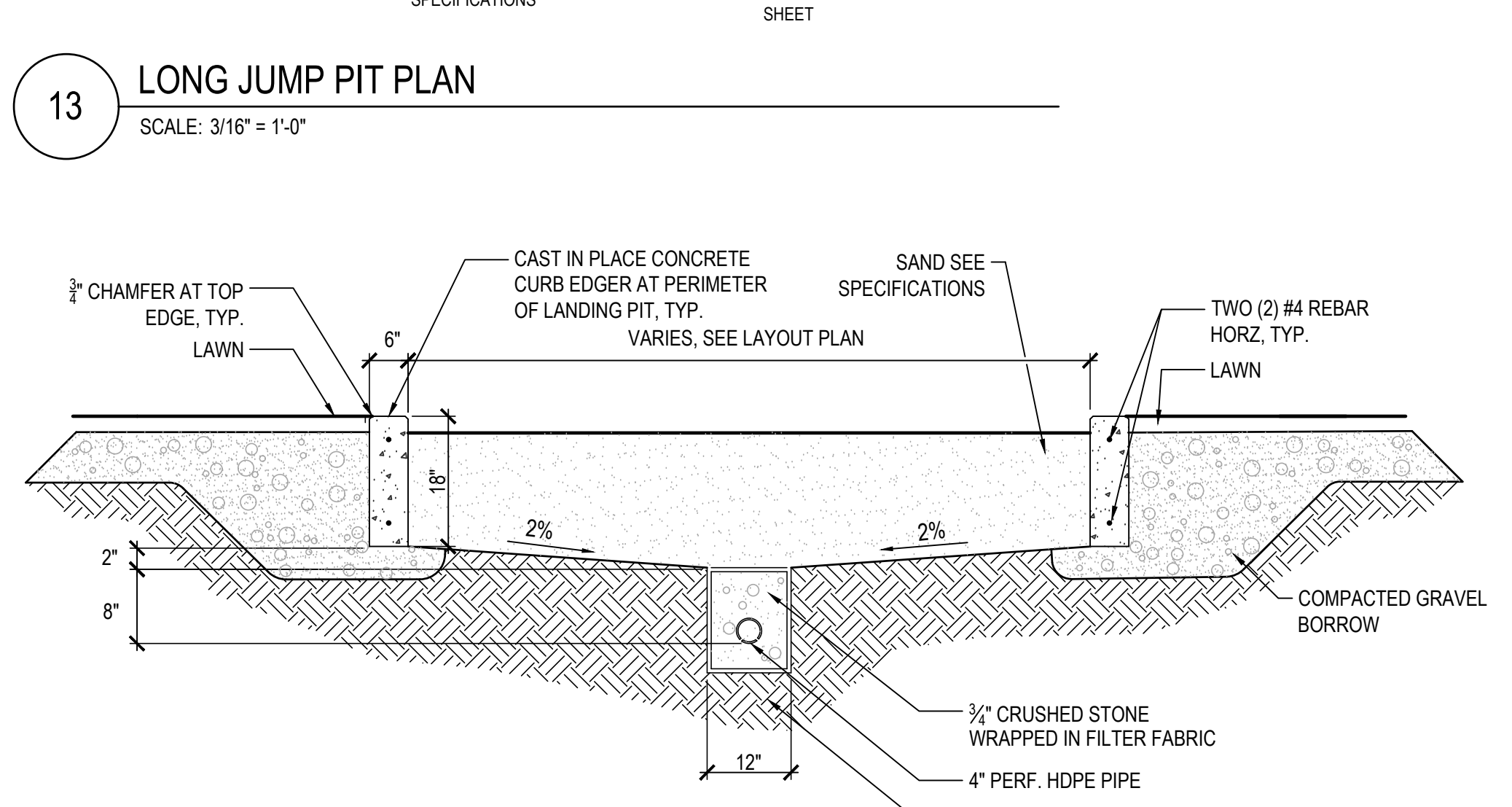
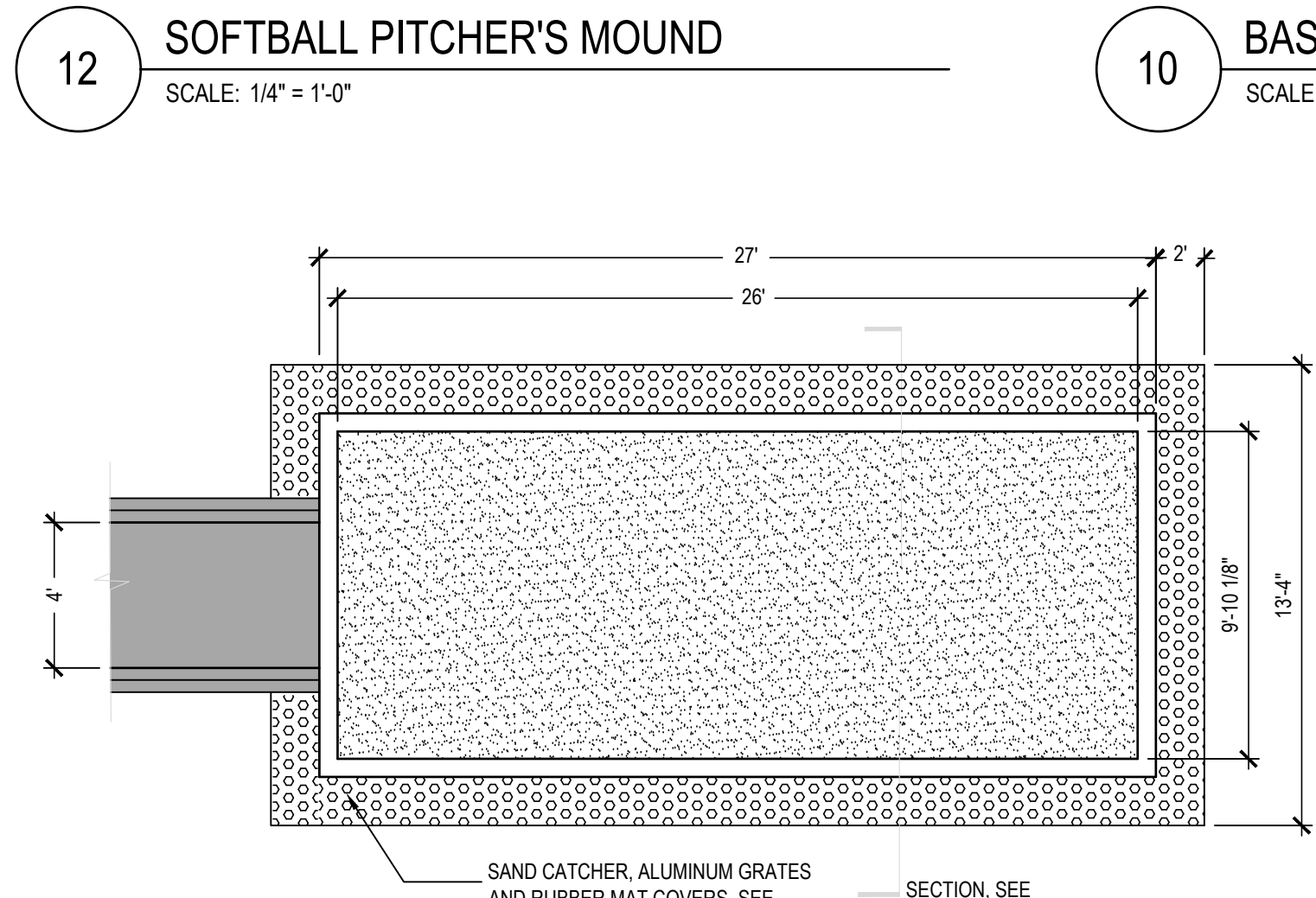
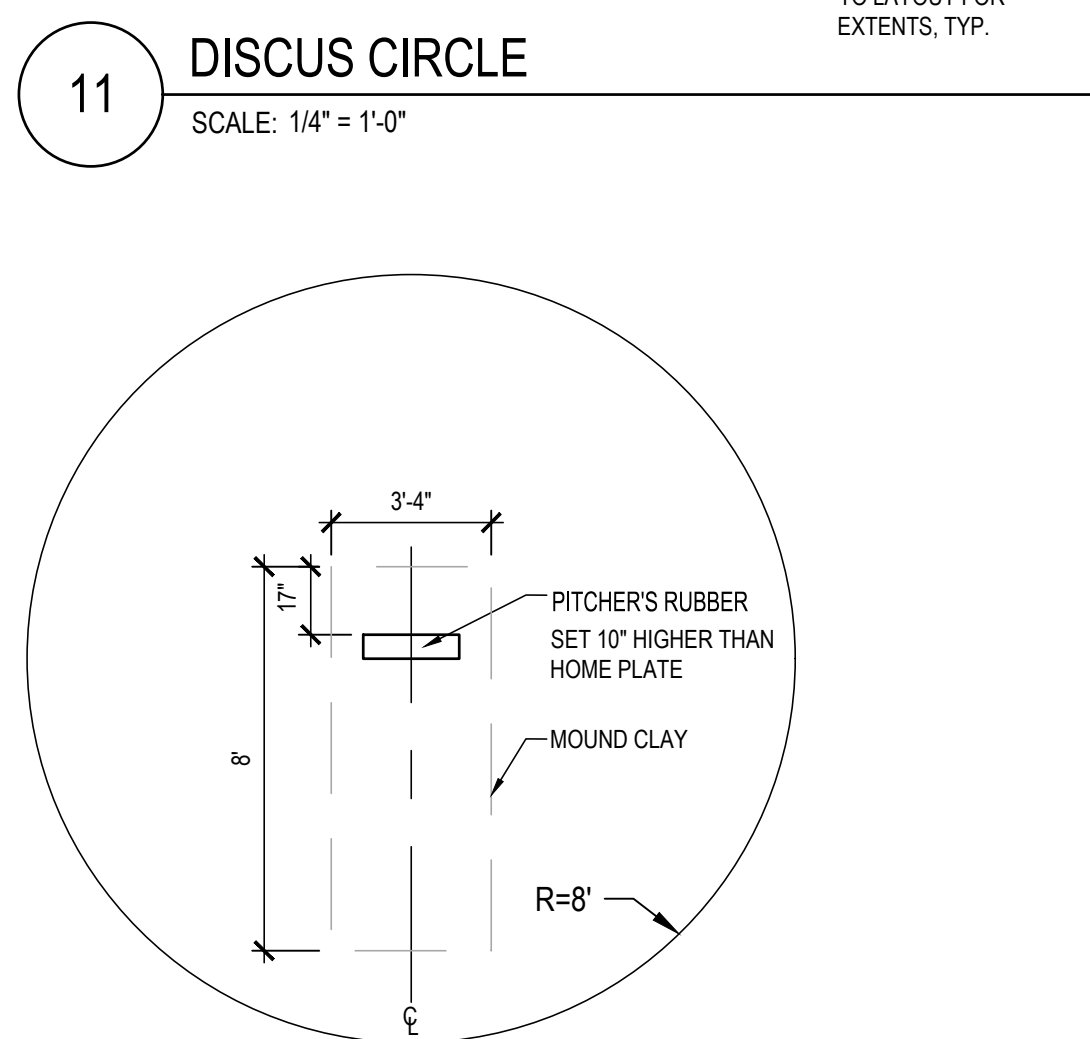
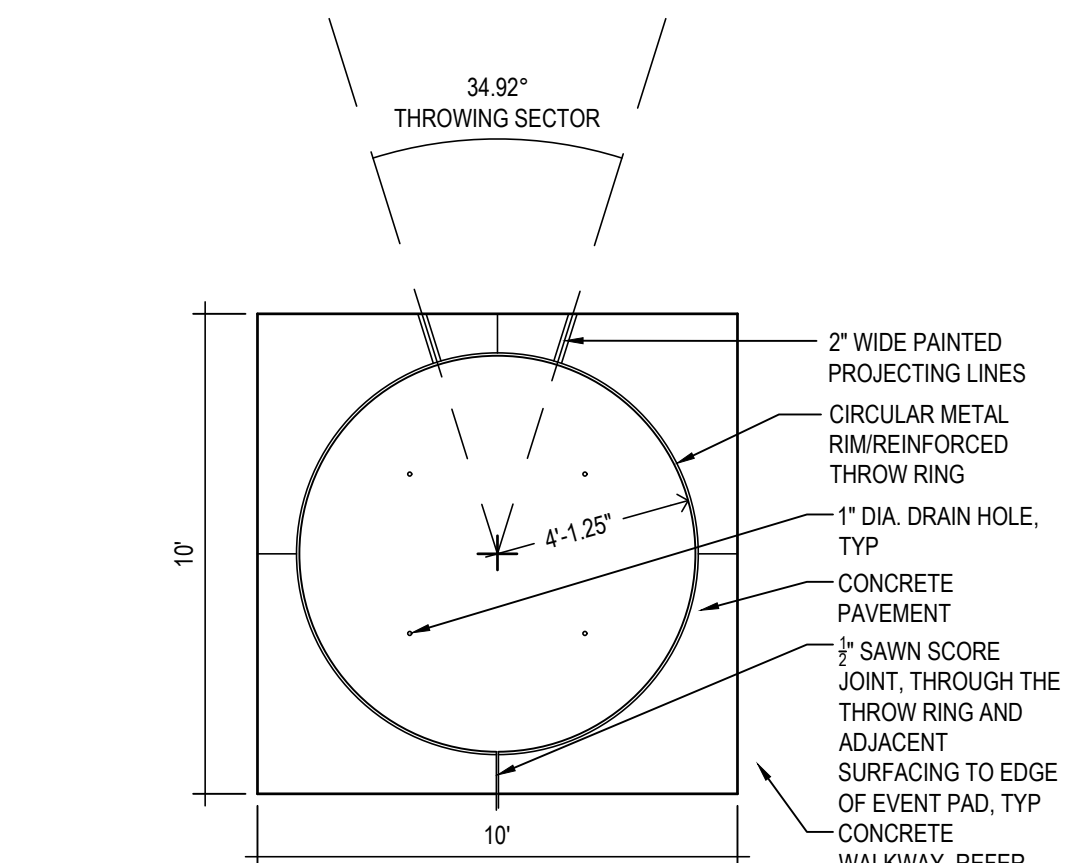
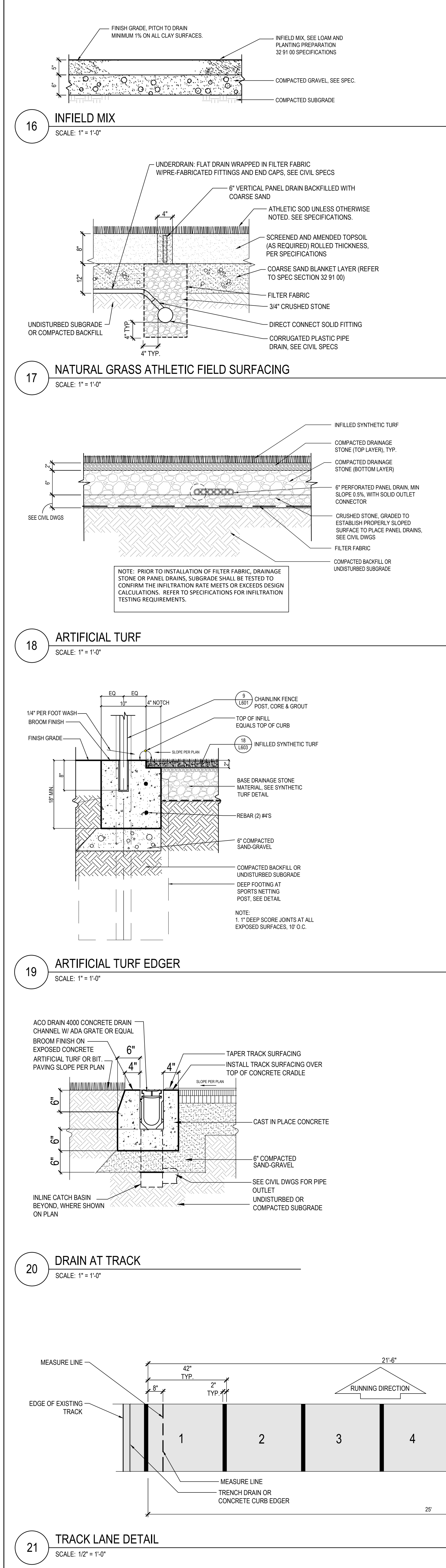












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Drummeys Rosane Anderson, Inc.  
225 Oakland Road, Studio 205  
South Windsor, CT 06074  
Tel: 817.964.1700  
www.dra.com

260 Charles Street, Studio 300  
Waltham, MA 02453  
Tel: 617.964.1700  
www.dra.com

## NORTHEAST METROPOLITAN REGIONAL VOCATIONAL HIGH SCHOOL

100 Hemlock Rd,  
Wakefield, MA 01880

### WARNER LARSON LANDSCAPE ARCHITECTS

130 WEST BRADWAY, BOSTON MA 02107  
617.464.1440  
warnerlarson.com

MSBA 60% CD Submission

January 13, 2023

## LANDSCAPE DETAILS - 3

Scale: AS NOTED  
Job No.: 20202.00  
Drawn By: JM  
Date: January 13, 2023

**L603**







**Drummeys Rosane Anderson, Inc.**

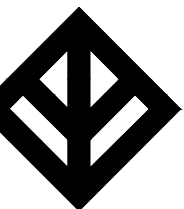
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|--------------------------------------------------------------|----------------------------------------------------------|
| 225 Oakland Road<br>Studio 205<br>South Windsor, CT<br>06074 | 260 Charles Street<br>Studio 300<br>Waltham, MA<br>02453 |
|--------------------------------------------------------------|----------------------------------------------------------|

**Planning | Architecture | Interior Design**

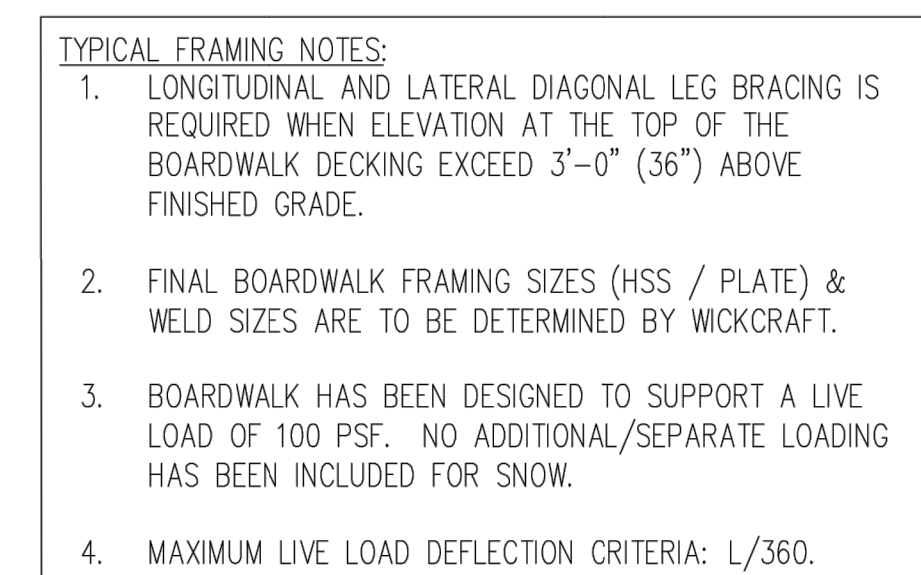
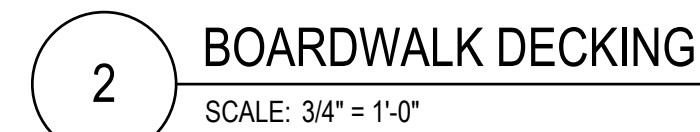
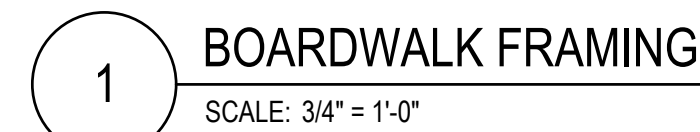
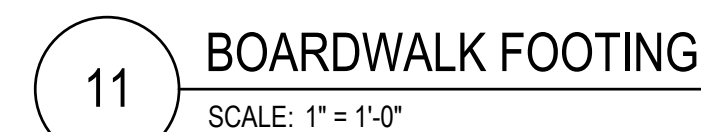
Tel: 617.964.1700  
[www.draws.com](http://www.draws.com)

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REGIONAL  
VOCATIONAL  
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**WARNER LARSON**  
LANDSCAPE ARCHITECTS  
130 WEST BROADWAY, BOSTON MA 02127  
617.464.1440 [warnerlarson.com](http://warnerlarson.com)



**TYPICAL FRAMING NOTES:**

1. LONGITUDINAL AND LATERAL DIAGONAL LEG BRACING IS REQUIRED WHEN ELEVATION AT THE TOP OF THE BOARDWALK DECKING EXCEED 3'-0" (36") ABOVE FINISHED GRADE.
2. FINAL BOARDWALK FRAMING SIZES (HSS / PLATE) & WELD SIZES ARE TO BE DETERMINED BY WICKCRAFT.
3. BOARDWALK HAS BEEN DESIGNED TO SUPPORT A LIVE LOAD OF 100 PSF. NO ADDITIONAL/SEPARATE LOADING HAS BEEN INCLUDED FOR SNOW.
4. MAXIMUM LIVE LOAD DEFLECTION CRITERIA:  $L/360$ .

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**NOTES:**

1. CONTRACTOR TO PROVIDE BOLT PATTERN FOR LIGHT POLE MOUNT
2. LIGHT MOUNT MUST BE AT FRAME JOINT SUPPORTED BY HELICAL PILES
3. BATTERED PILE MUST BE ON SAME SIDE AS MOUNTED LIGHT

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MSBA 60% CD  
Submission

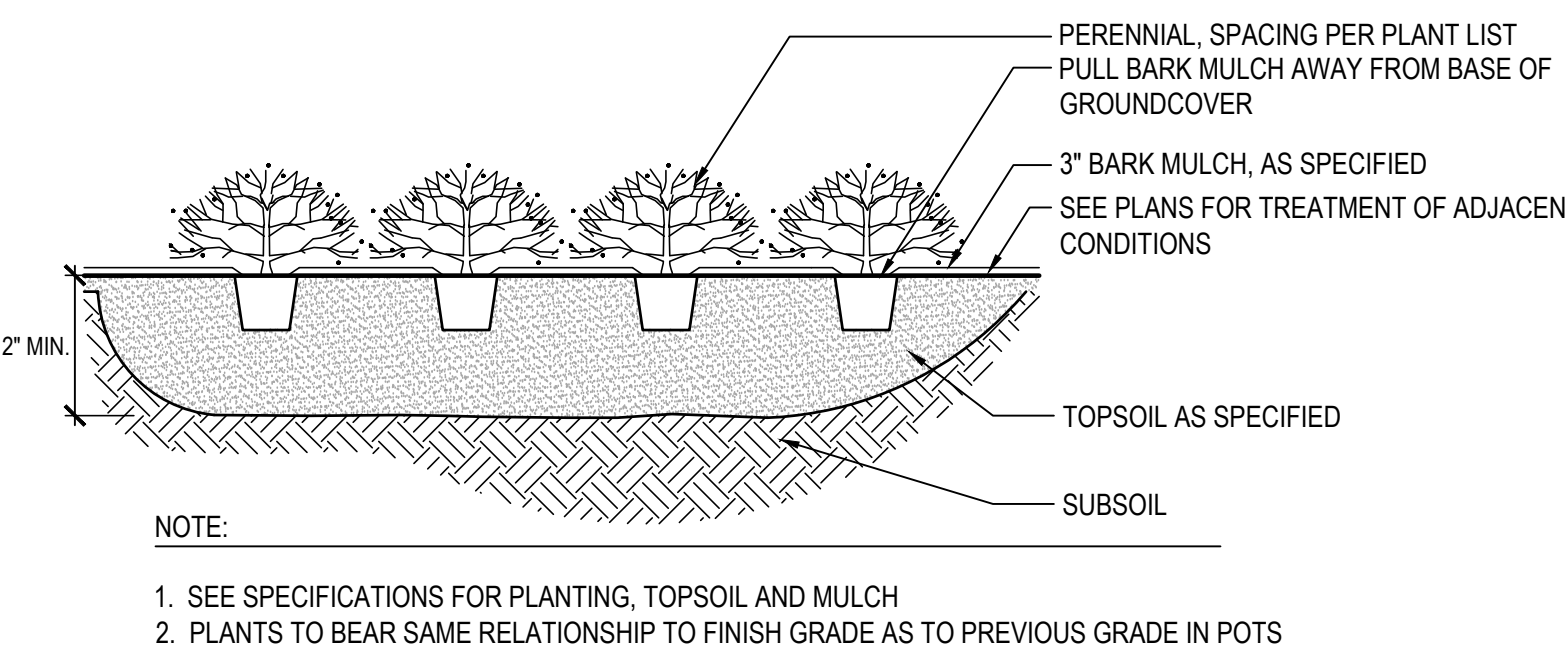
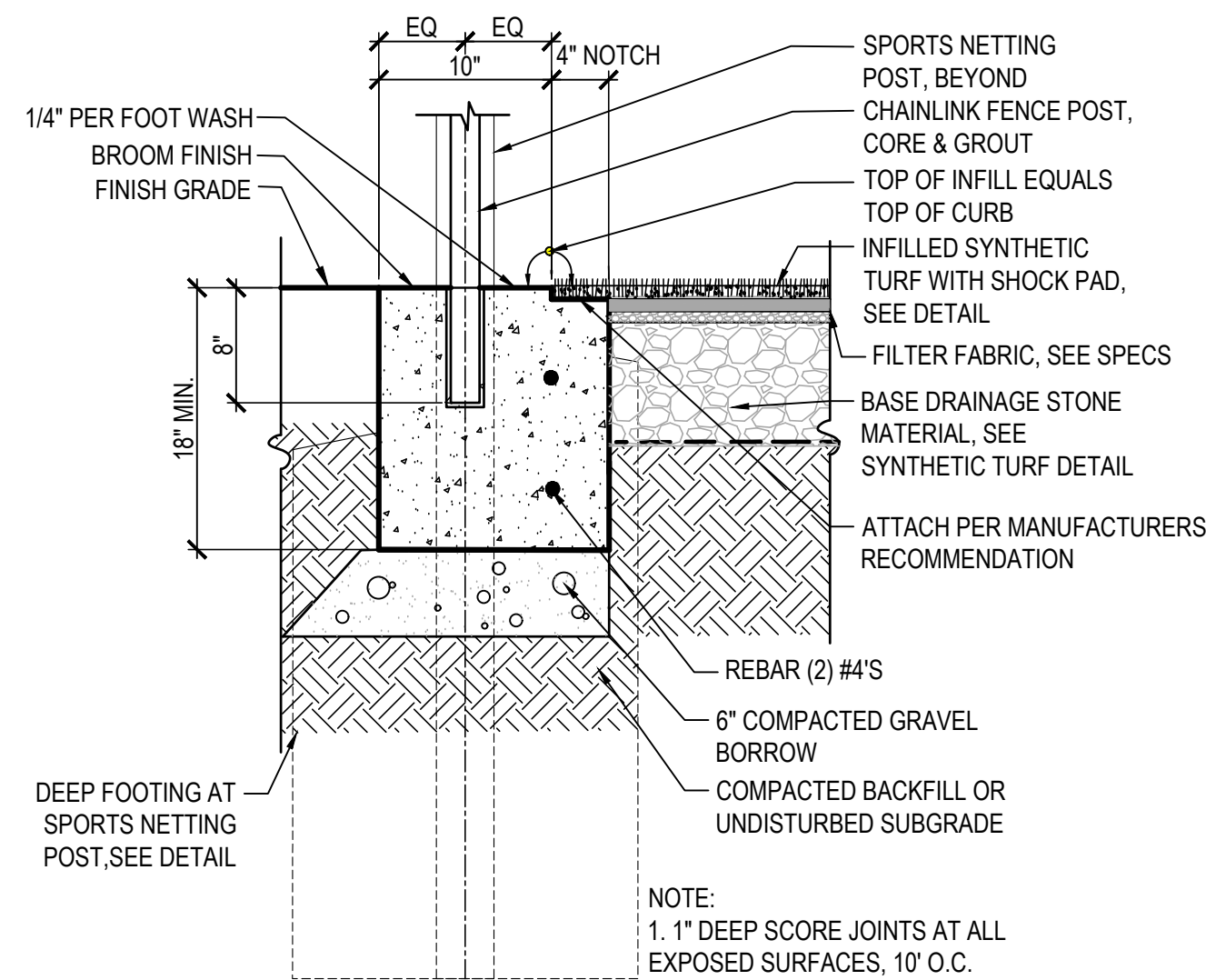
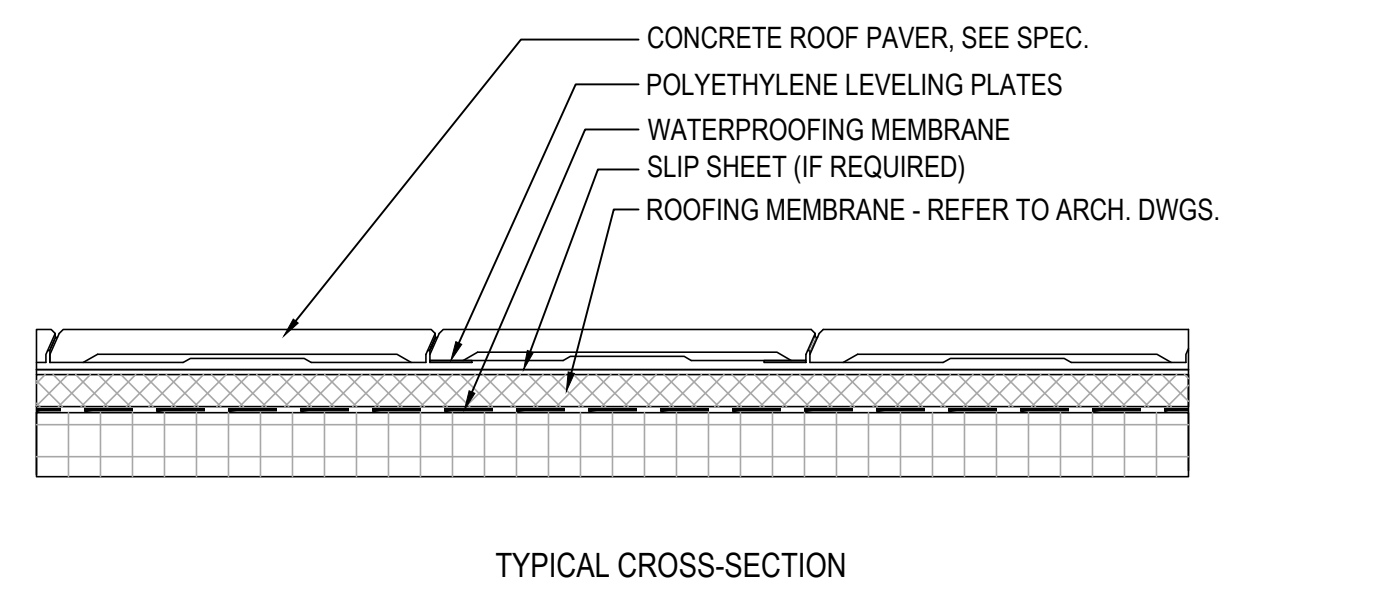
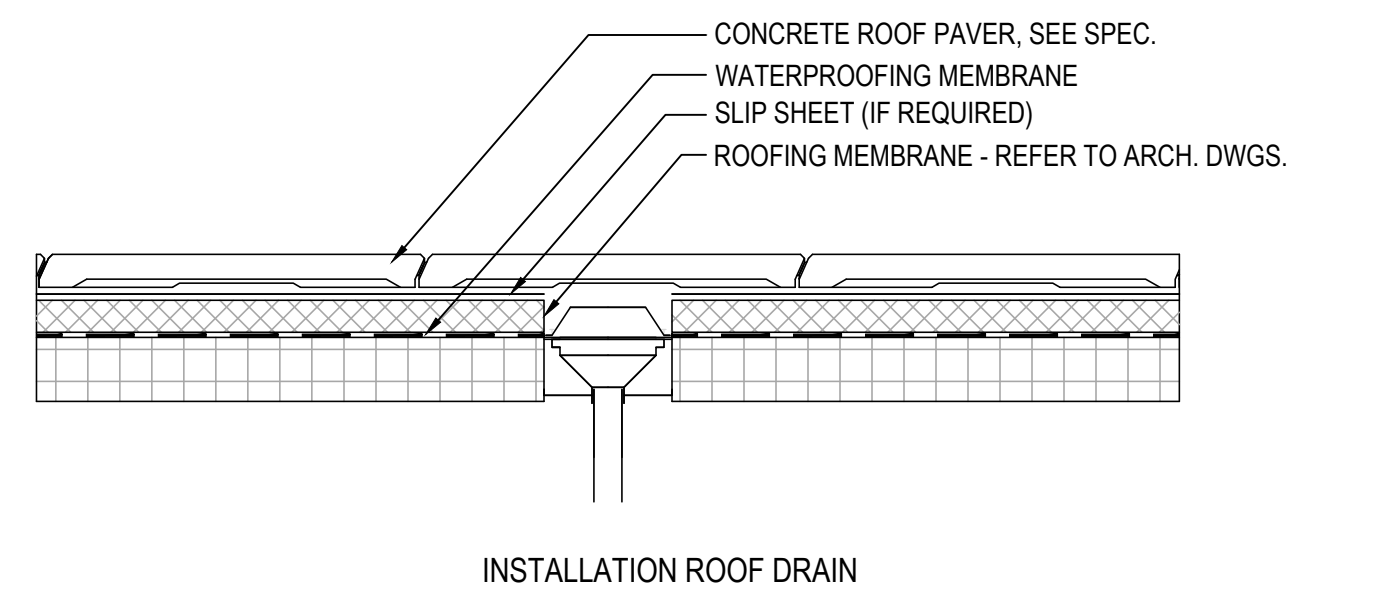
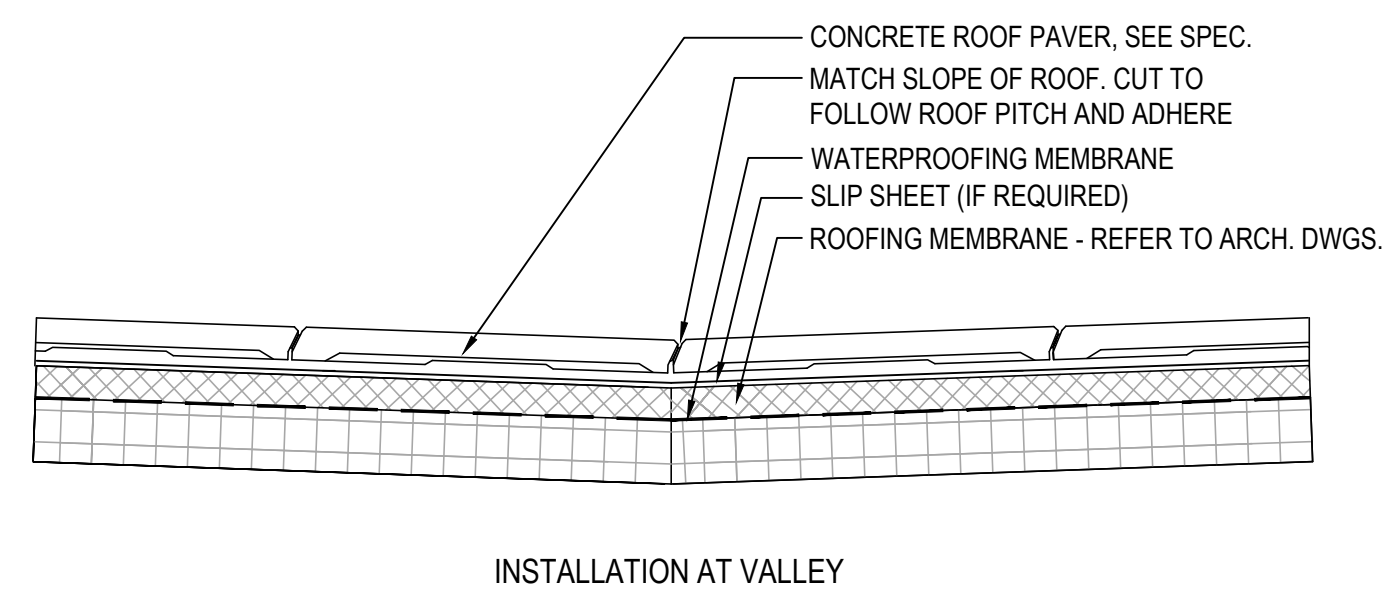
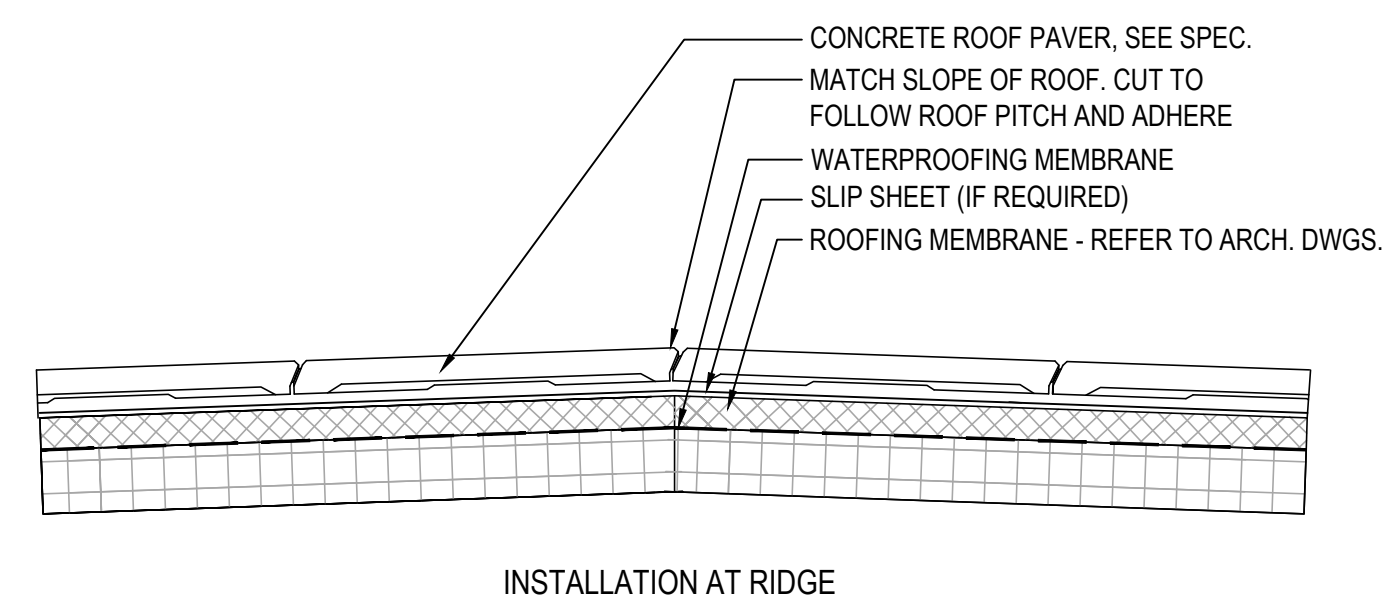
January 13, 2023

## LANDSCAPE DETAILS - 5

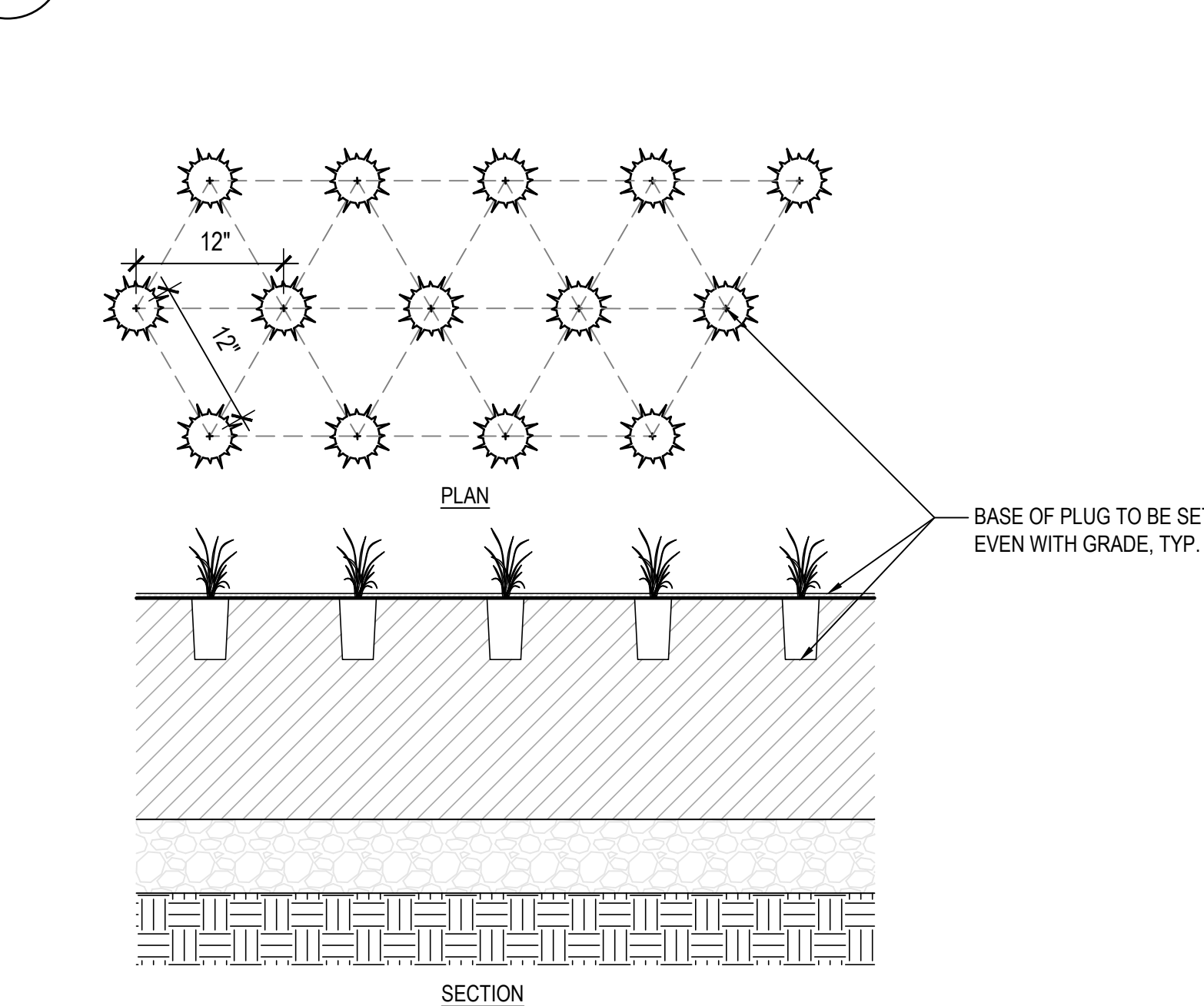
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Job No.: 20202.00  
Drawn By: JM  
Date: January 13, 2023

## L605

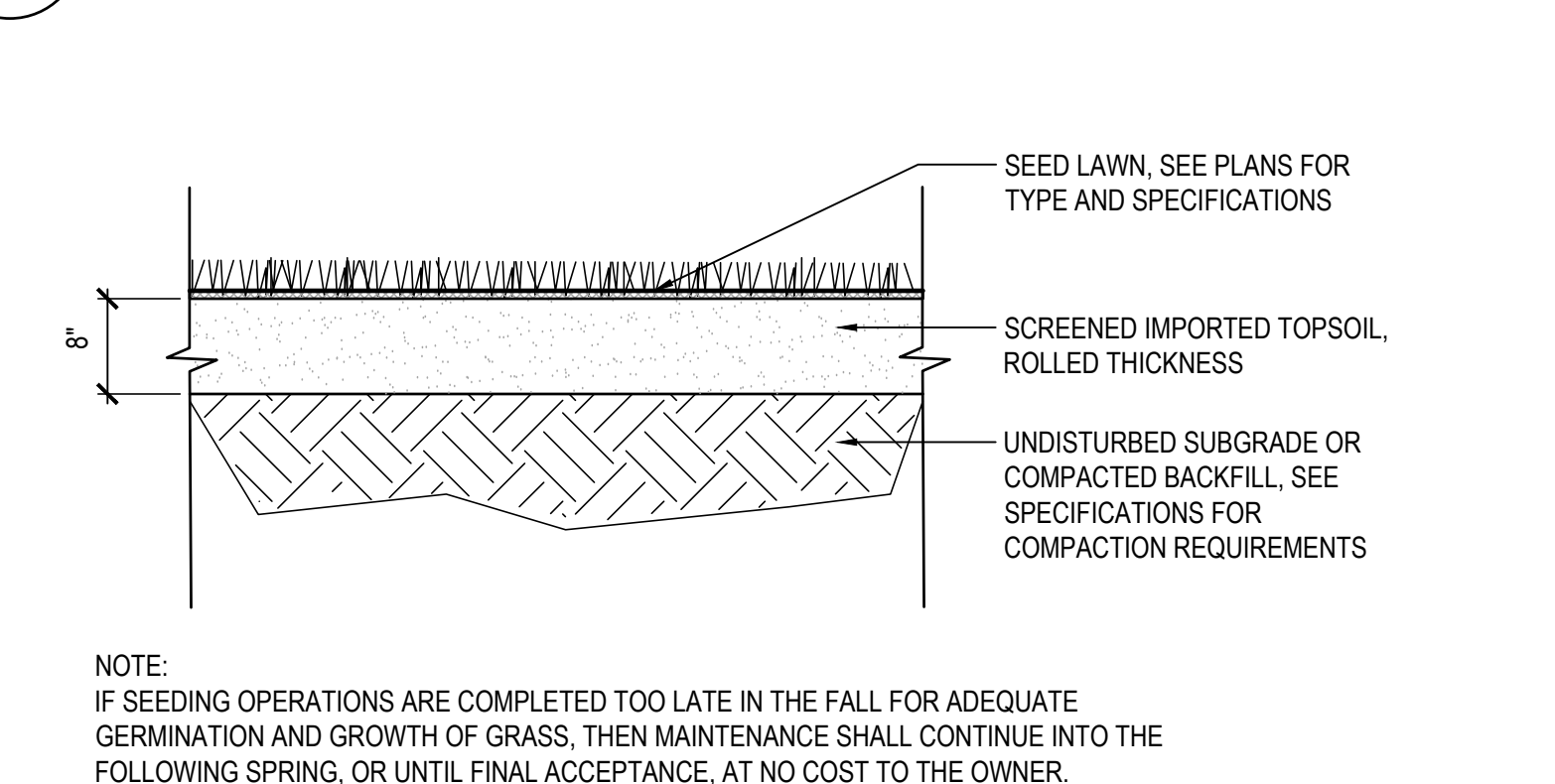




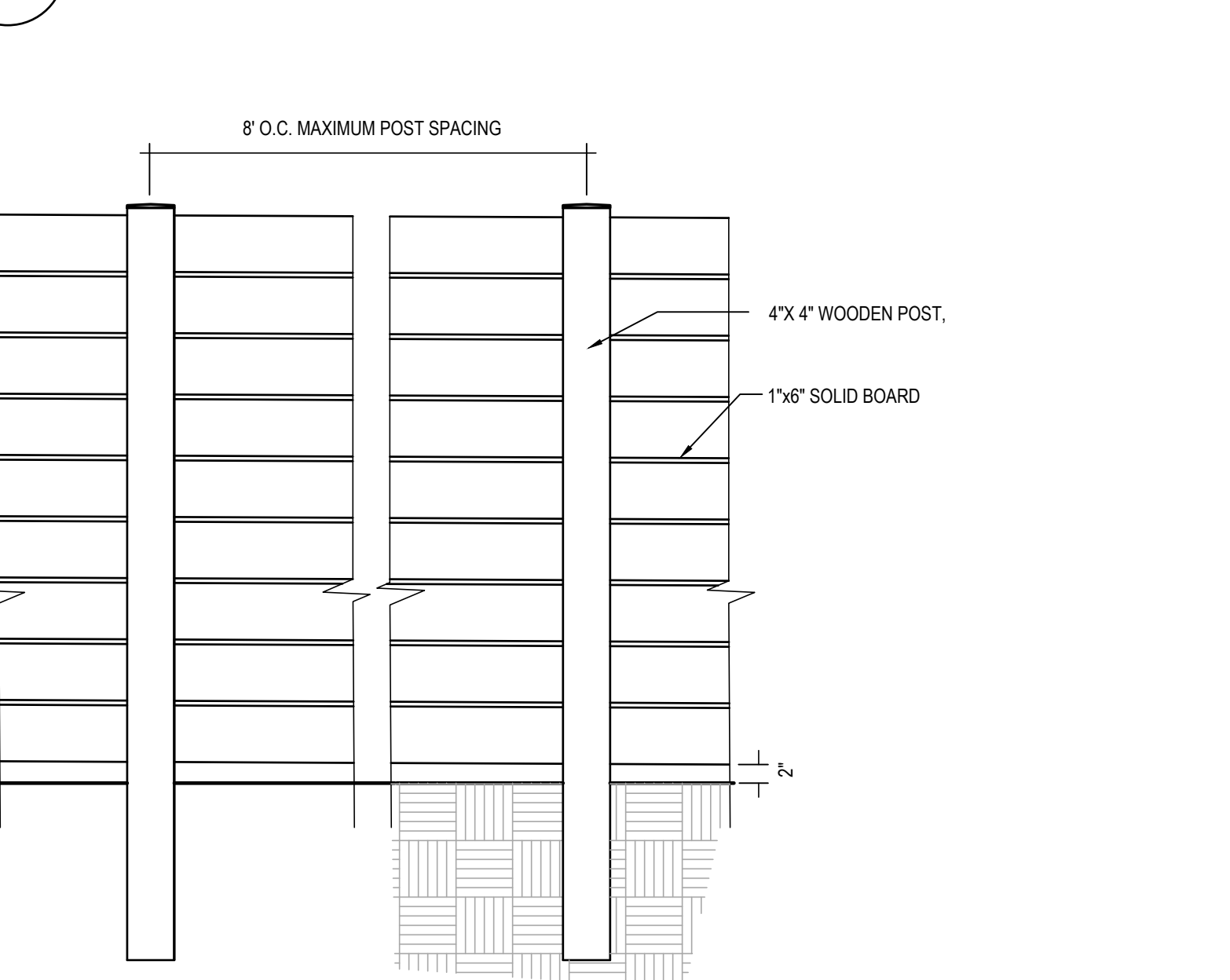
## 5 PERENNIALS AND GRASSES AND GROUND COVER PLANTING



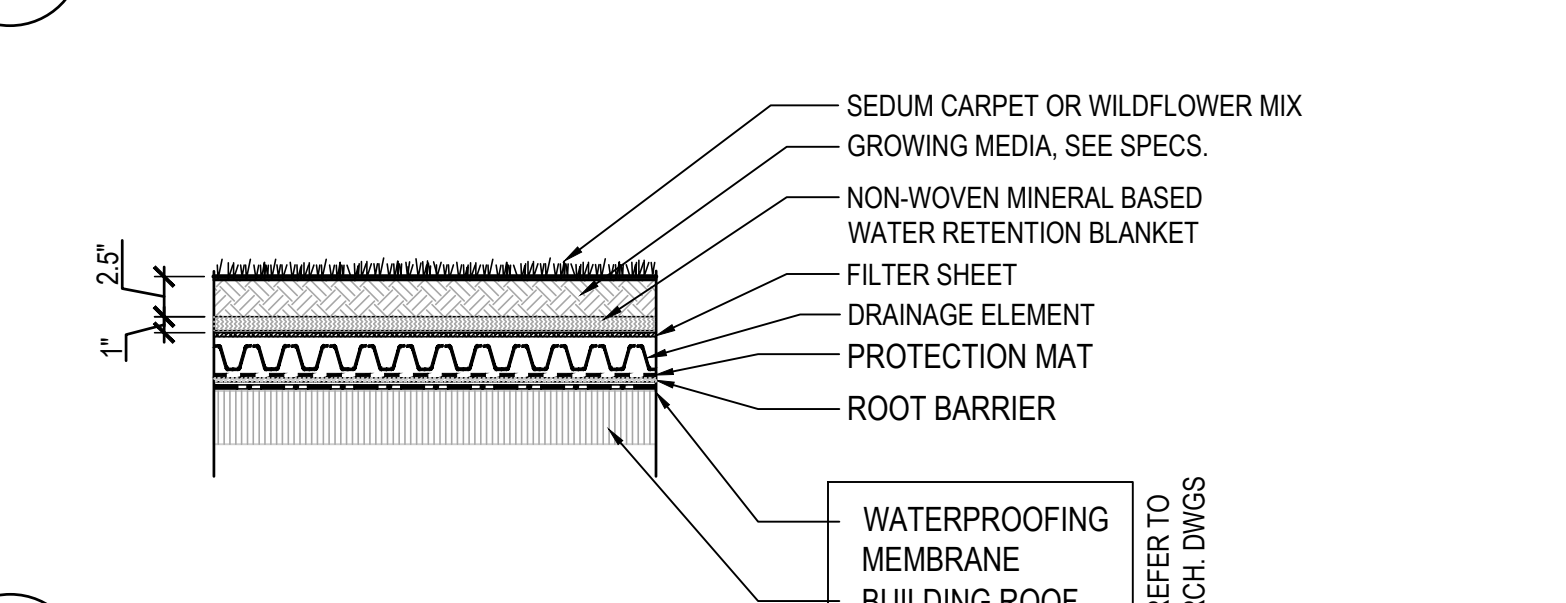
## 6 PLUG PLANTING



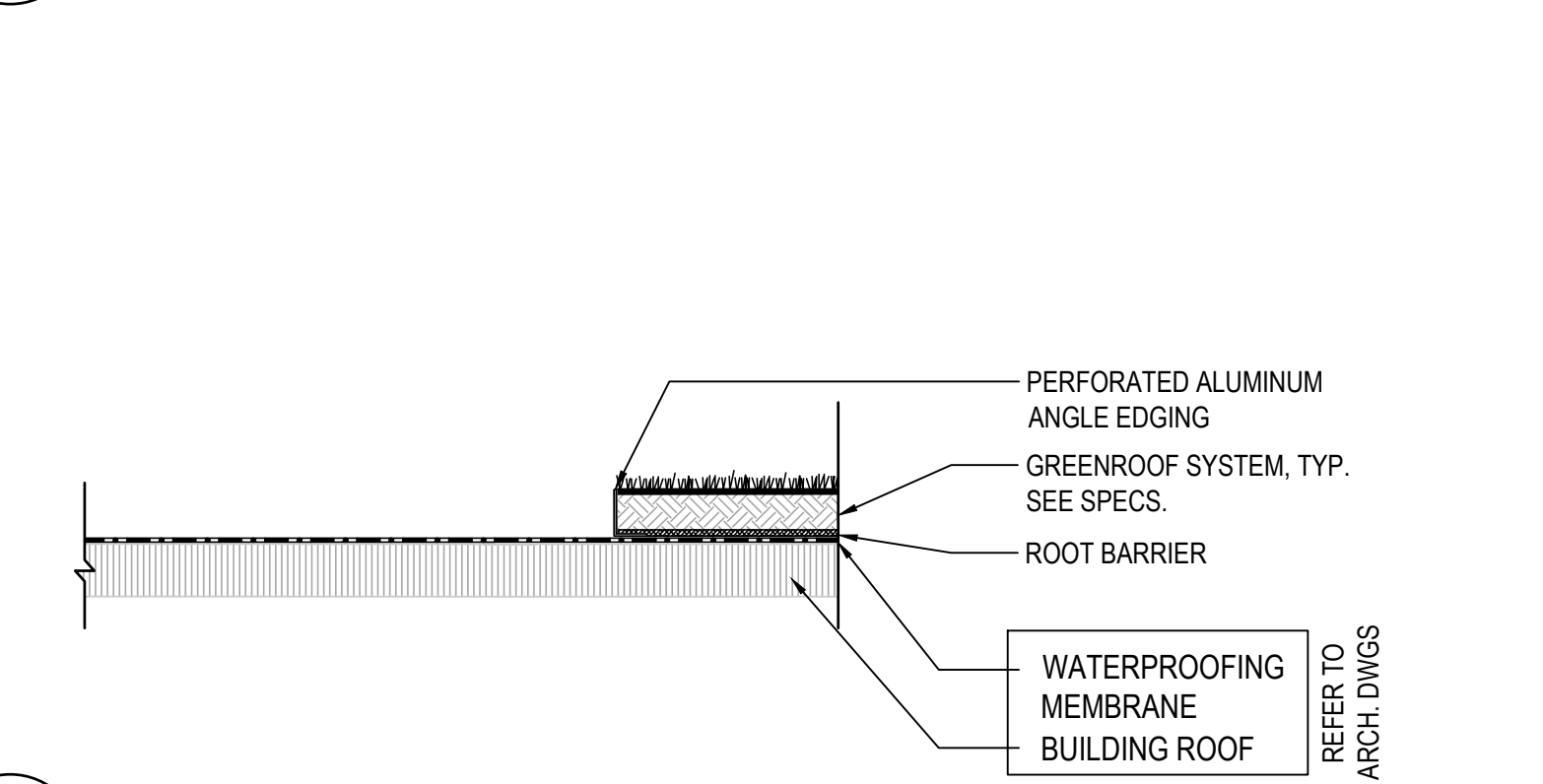
## 7 SEEDED LAWN



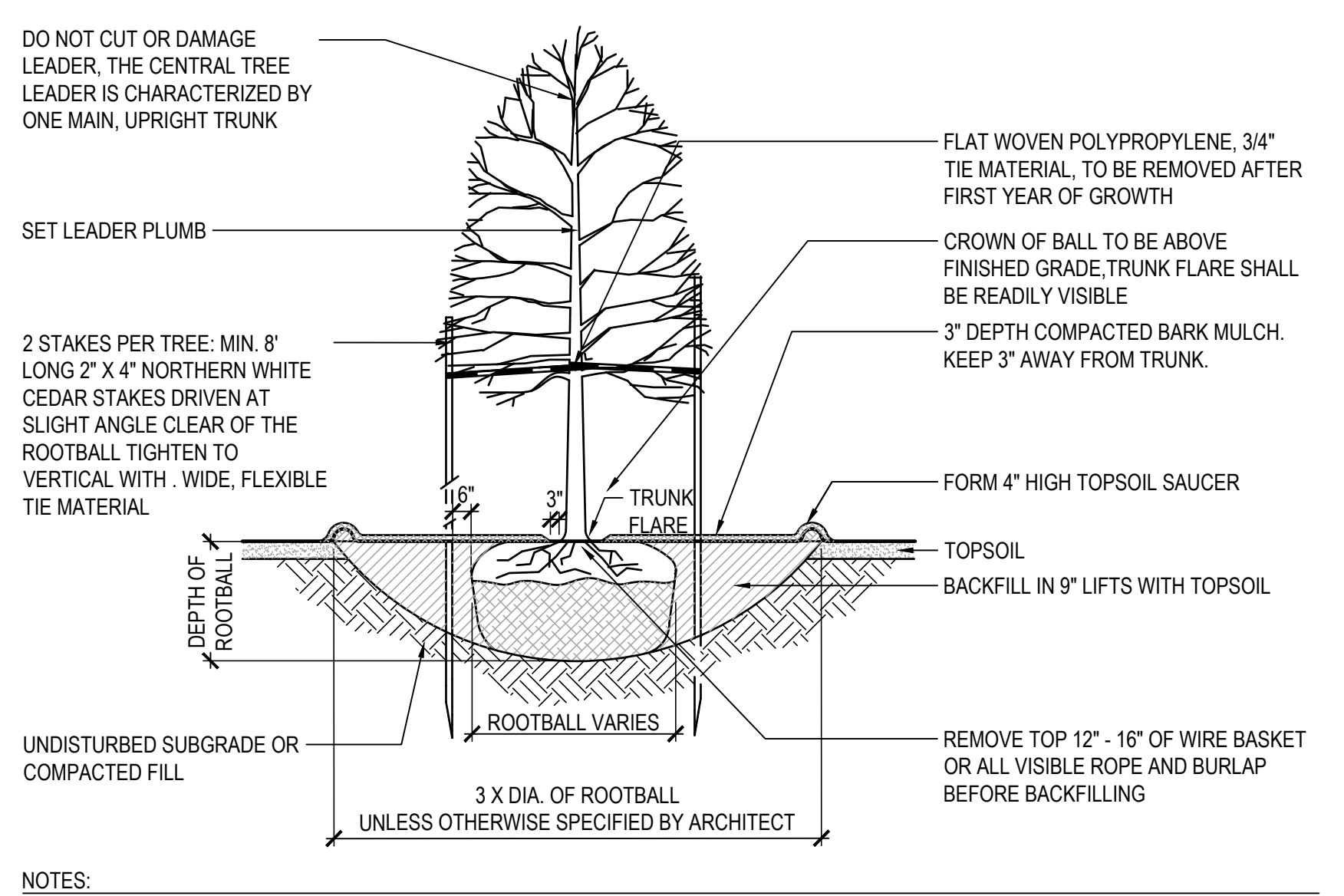
## 8 WOOD SLAT FENCE



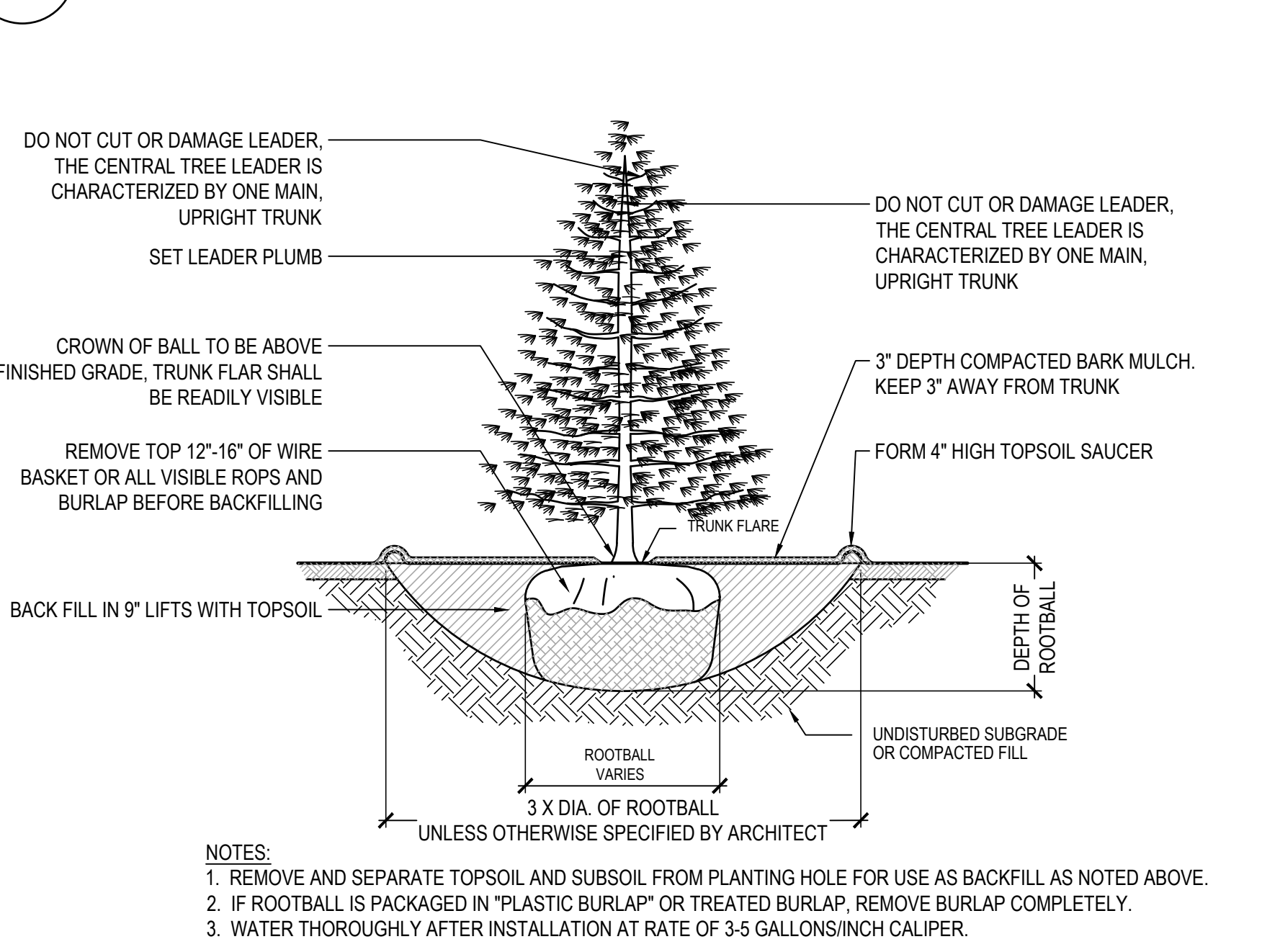
## 9 EXTENSIVE GREEN ROOF



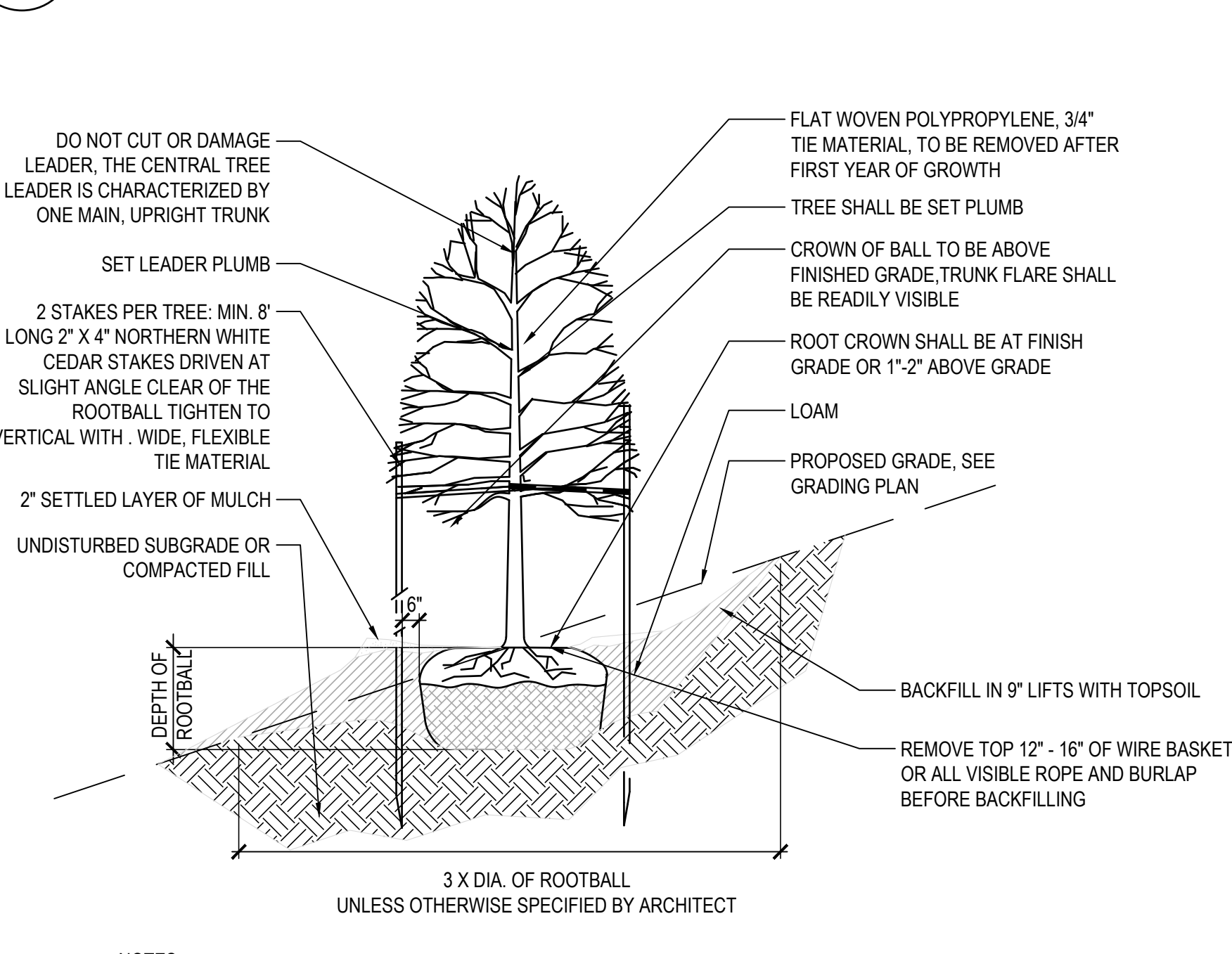
## 10 GREEN ROOF PLANTER EDGER



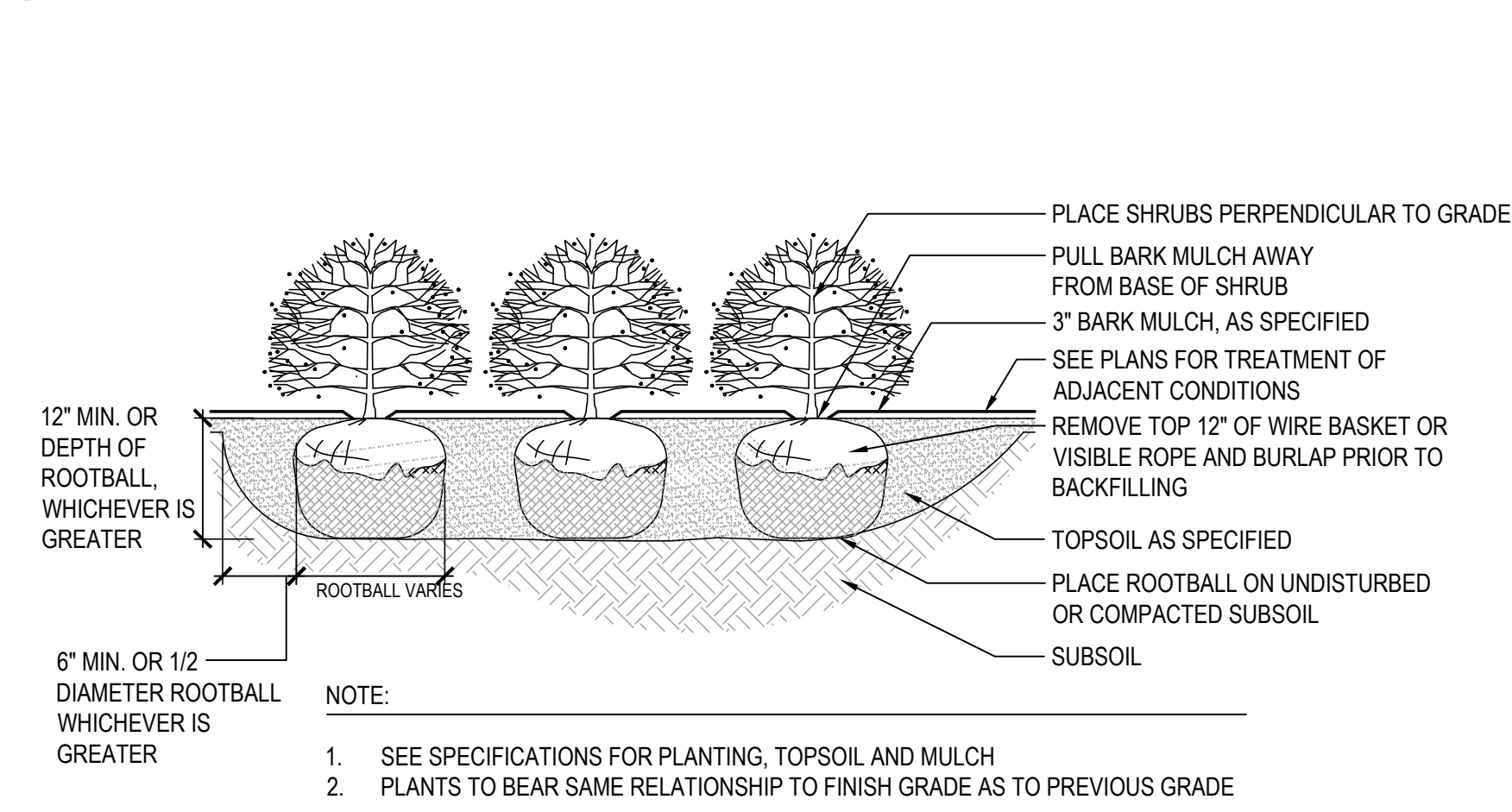
## 1 DECIDUOUS TREE PLANTING



## 2 EVERGREEN TREE PLANTING

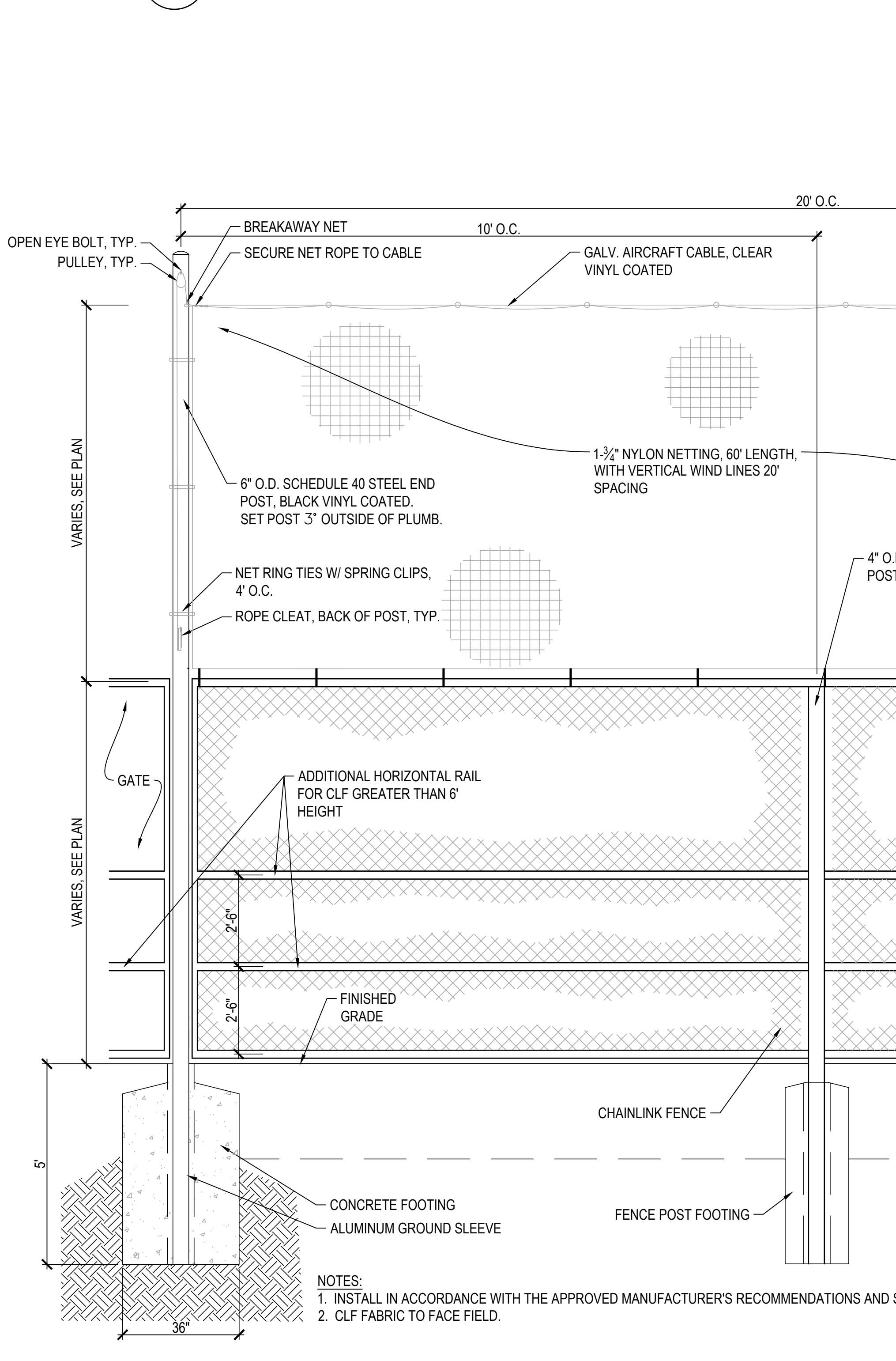


## 3 TREE PLANTING ON SLOPE



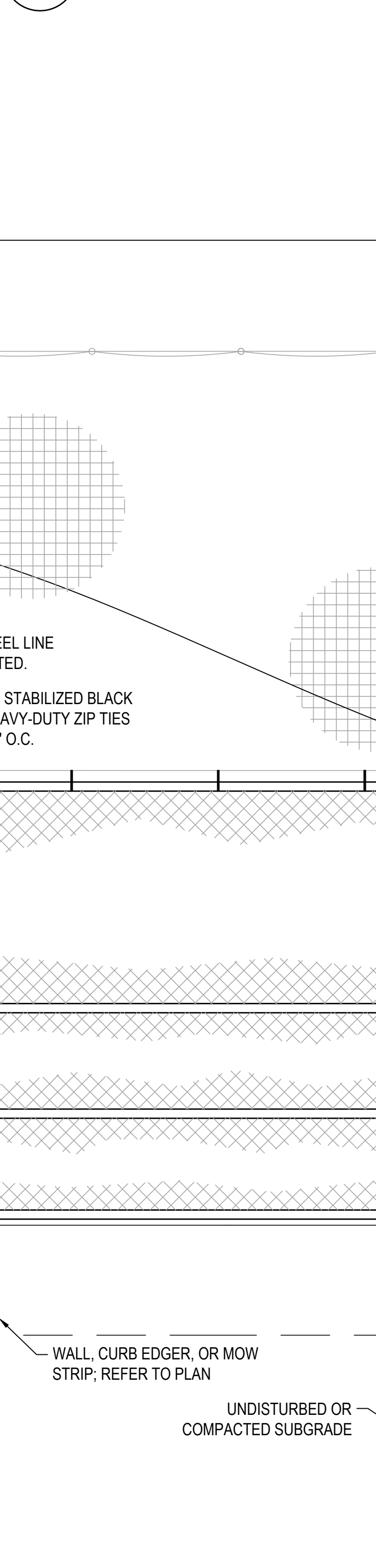
## 4 SHRUB PLANTING

## 12 CAST-IN-PLACE TURF EDGER WITH INTEGRAL SPORTS NETTING FENCE



## 13 SPORTS NETTING AT CHAIN LINK FENCE

## 11 CONCRETE ROOF PAVERS



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MSBA 60% CD  
Submission  
January 13, 2023

LANDSCAPE  
DETAILS - 6

Scale: AS NOTED  
Job No.: 20202.00  
Drawn By: JM  
Date: January 13, 2023  
L606

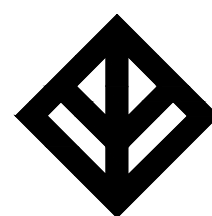


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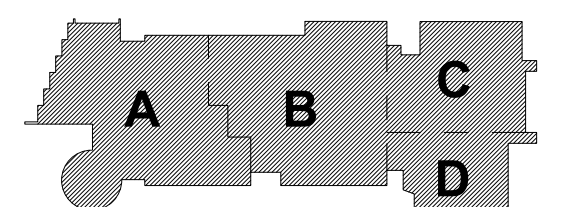
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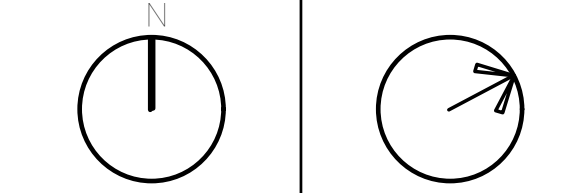
MSBA 60% CD  
Submission

December 13, 2023



KEY PLAN

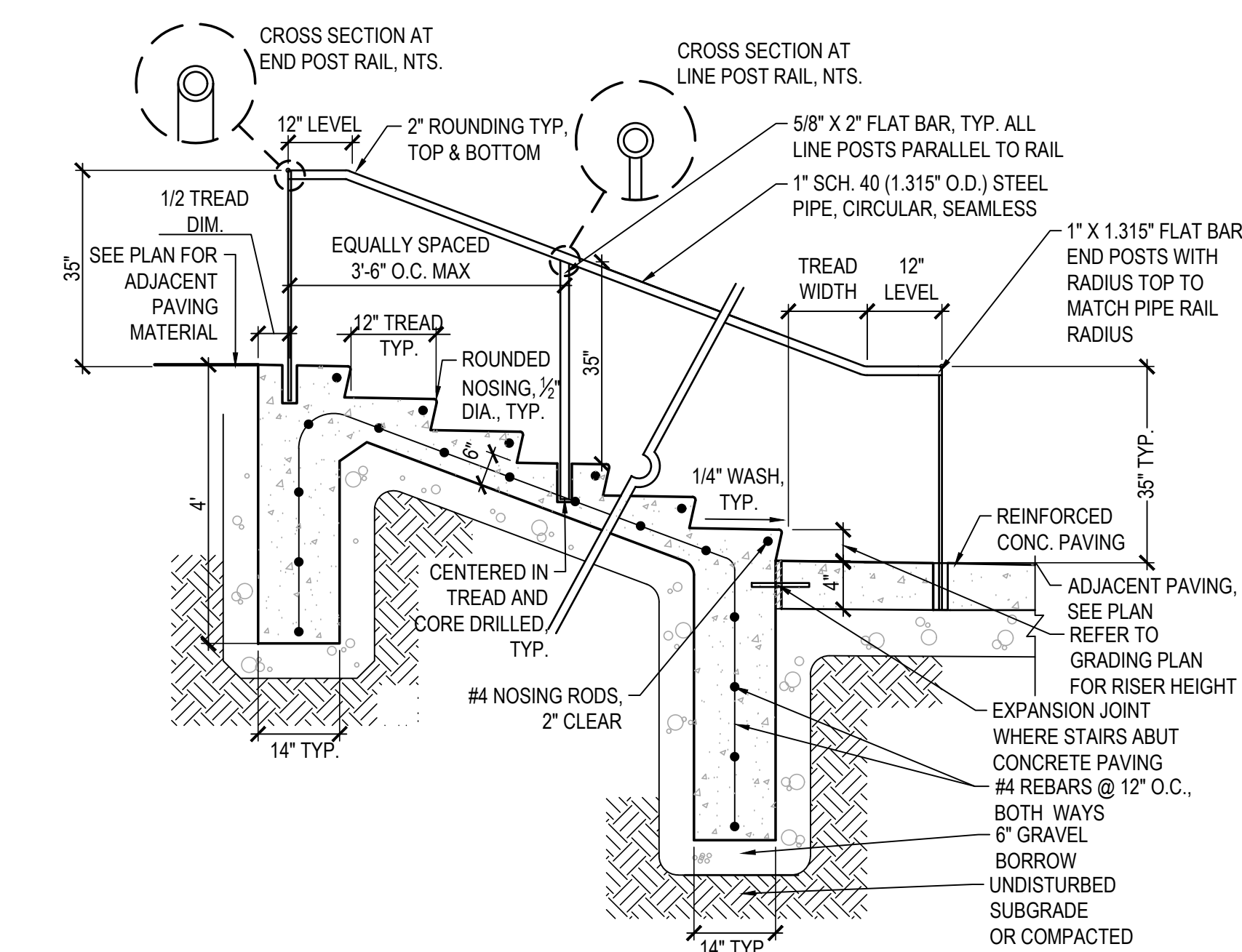
PROJECT NORTH MAGNETIC NORTH



ADD  
ALTERNATES

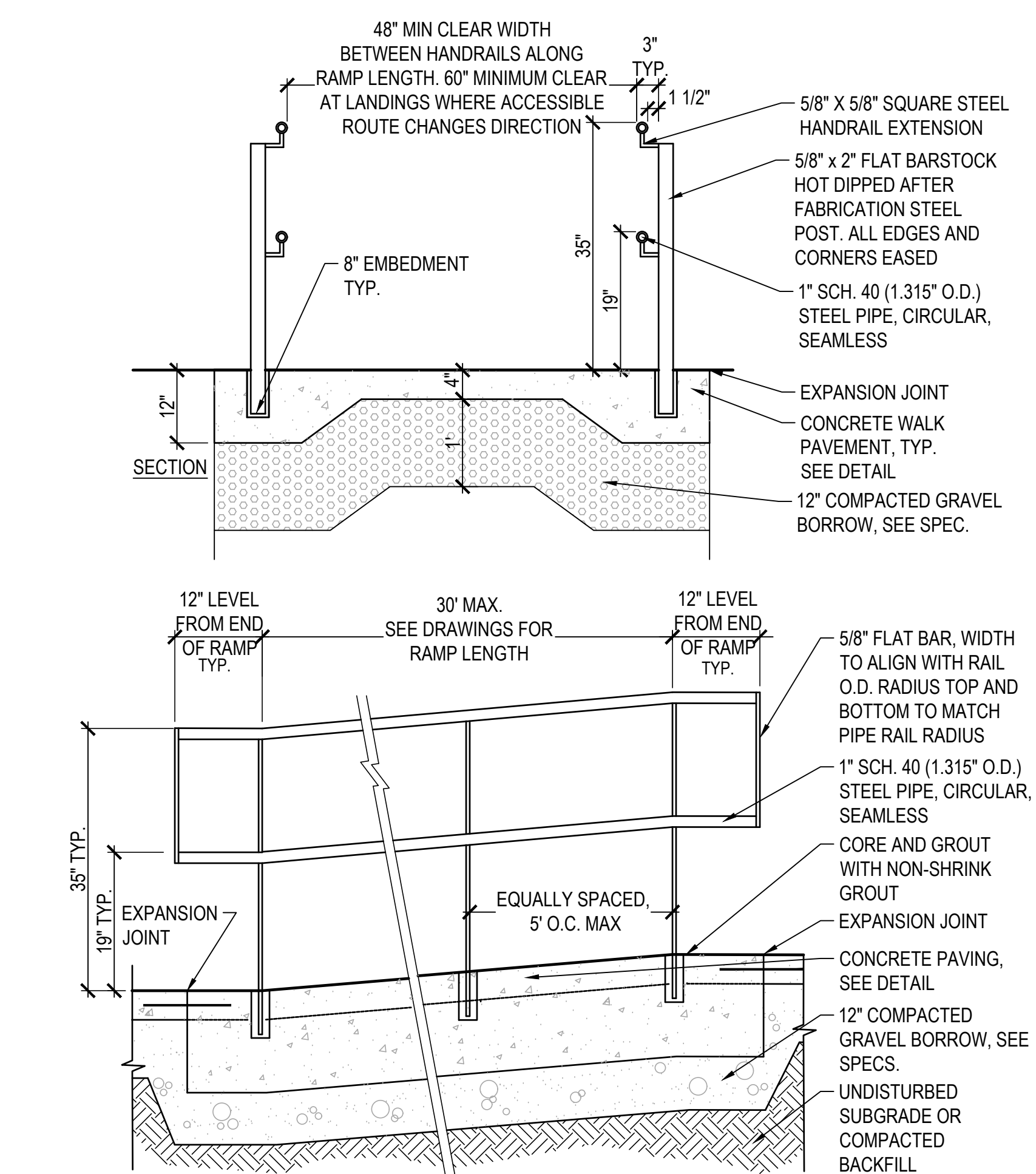
Scale: AS NOTED  
Job No.: 20202.00  
Drawn By: JIM  
Date: January 13, 2023

L701



- NOTES:
- CONTRACTOR SHALL FIELD MEASURE CONCRETE STAIRS AND PROVIDE LARGE SCALE DETAILED SHOP DRAWINGS OF HANDRAILS AND ALL NECESSARY HARDWARE PER SPECIFICATIONS. PROVIDE DETAILED SHOP DRAWINGS FOR APPROVAL.
  - ALL POSTS TO BE SET PLUMB AND VERTICAL. ALL RAILS SHALL FOLLOW GRADE AT BASE.
  - ALL HANDRAIL POSTS SHALL BE SET IN THE STAIR TREADS. THE CENTERLINE OF THE POST SHALL BE 4 INCHES FROM THE EDGE OF STAIR.
  - HANDRAIL SHALL BE ON BOTH SIDES OF STAIRS EXCEPT AT SPECTATOR SEATING.
  - ALL WELDS SHALL BE SMOOTH GROUND TO PROVIDE SEAMLESS CONNECTIONS AND RAILINGS SHALL BE HOT DIPPED GALVANIZED AFTER FABRICATION. REFER TO SPECIFICATIONS FOR FINISH AND COLOR.
  - WHERE RAMP RAILINGS ARE SHOWN ON PLAN CONNECTING TO STAIR END POSTS, TOP RAIL SHALL BE CONTINUOUS AND SMOOTH AND THE RAMP BOTTOM RAIL SHALL TERMINATE AT THE STAIR END POST. REFER TO CONCRETE RAMP AND HANDRAIL DETAIL ON THIS SHEET.

2 CAST-IN-PLACE CONCRETE STAIR AND HANDRAILS  
SCALE: 1/2" = 1'-0"

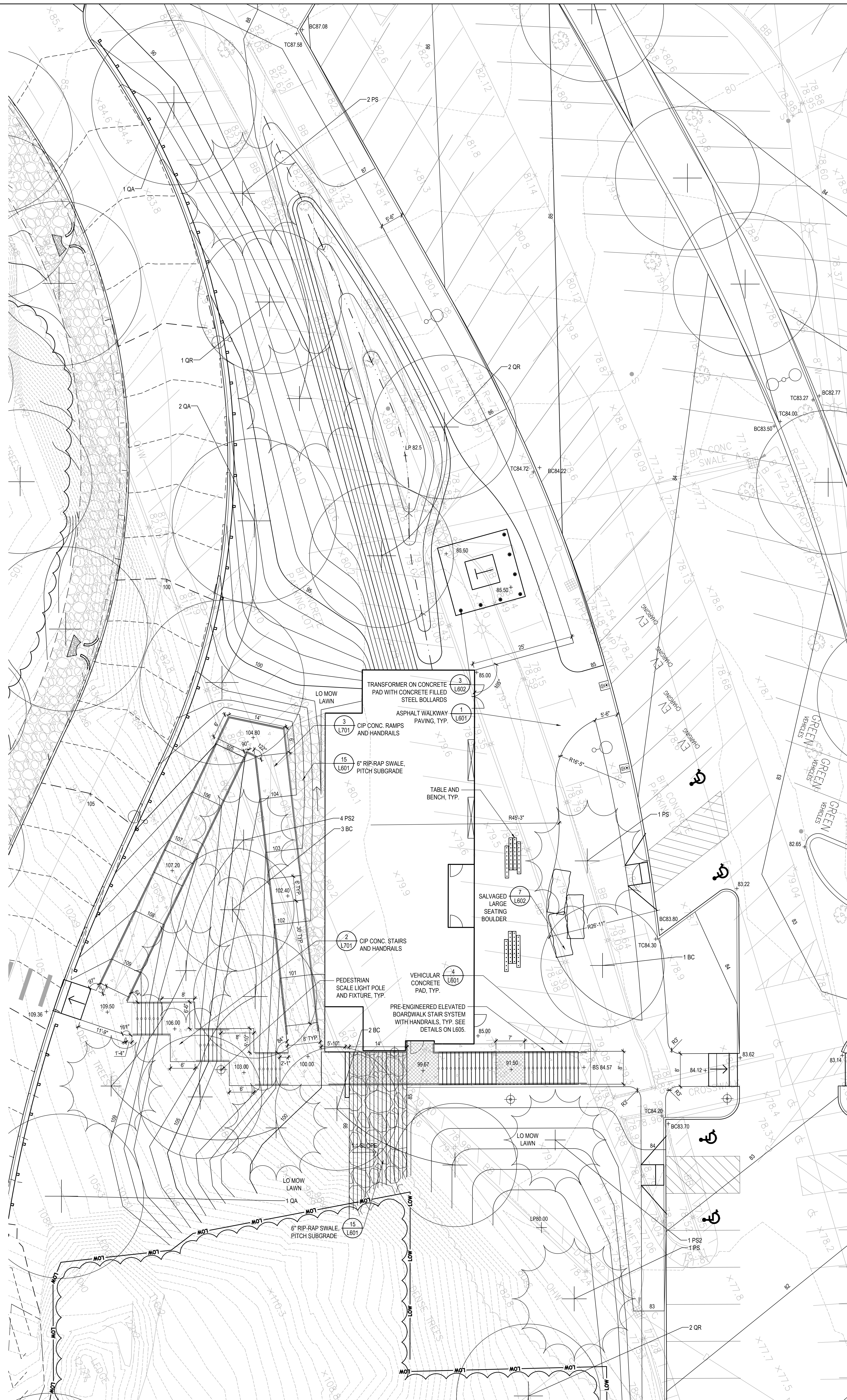


- ELEVATION
- NOTES:
- CONTRACTOR SHALL FIELD MEASURE CONCRETE RAMPS AND SUBMIT LARGE SCALE SHOP DRAWINGS OF HANDRAILS AND ALL NECESSARY HARDWARE PER SPECIFICATIONS.
  - ALL WELDS SHALL BE SMOOTH GROUND TO PROVIDE SEAMLESS CONNECTIONS.
  - VERTICAL POSTS SHALL BE SET @ 5' O.C. MAXIMUM, EVENLY SPACED ALONG THE RAMP LENGTH, UNLESS OTHERWISE SPECIFIED OR SHOWN ON THE DRAWINGS.
  - MAXIMUM SLOPE ON RAMP NOT TO EXCEED 8.0%, MAXIMUM CROSS-SLOPE PERPENDICULAR TO RAMP NOT TO EXCEED 1.8%.
  - PROVIDE A MINIMUM 5' LANDING AT TOP AND BOTTOM OF RAMPS. MAXIMUM SLOPE ON LANDING NOT TO EXCEED 1.8%. PROVIDE POSITIVE DRAINAGE TO PREVENT PONDING.
  - WHERE RAILINGS ARE SHOWN ON PLAN TO BE CONTINUOUS BETWEEN RAMPS, OMIT FLATBAR RAILING TERMINAL AND CONTINUE HANDRAILS AND POSTS AT SPACING INDICATED IN THIS DETAIL. WHERE RAMP DOUBLE RAILING MEETS STAIR HANDRAIL, TOP RAIL SHALL BE CONTINUOUS AND SMOOTH AND THE BOTTOM RAIL SHALL TERMINATE AT THE STAIR END POST.
  - RAILING SHALL BE HOT DIP GALVANIZED AFTER FABRICATION. REFER TO SPECIFICATIONS FOR FINISH AND COLOR.

3 CAST-IN-PLACE CONCRETE RAMP WITH HANDRAILS  
SCALE: 3/4" = 1'-0"

FOR NOTES AND LEGENDS:  
REFER TO BASE-BID DRAWINGS (LAYOUT, MATERIALS, GRADING, PLANTING, ECT..)

| TREES           | QTY | BOTANICAL NAME            | COMMON NAME       | SIZE            | REMARKS          |
|-----------------|-----|---------------------------|-------------------|-----------------|------------------|
| QA              | 3   | Quercus alba              | White Oak         | 1.5' Cal.       |                  |
| DECIDUOUS TREES | QTY | BOTANICAL NAME            | COMMON NAME       | SIZE            | REMARKS          |
| BC              | 6   | Betula papyrifera 'Clump' | Clump Paper Birch | 7-8' Ht. B&B    |                  |
| QR              | 5   | Quercus rubra             | Red Oak           | 2.5-3' cal. B&B | Native           |
| EVERGREEN TREES | QTY | BOTANICAL NAME            | COMMON NAME       | SIZE            | REMARKS          |
| PS              | 4   | Pinus strobus             | White Pine        | 8-10' Ht. B&B   | Native Evergreen |
| PS2             | 5   | Pinus strobus             | White Pine        | 5-6' Ht. B&B    |                  |



1 ADD ALT - LOCKER ROOM AND RAMP  
SCALE: 1/51/256" = 1'-0"