

SITE DEVELOPMENT PLANS
FOR THE
**SELVOSKI FIELD
RENOVATION PROJECT**
20 COUNTY ROAD
BEDFORD, NH 03110

CLIENT
TOWN OF BEDFORD
24 NORTH AMHERST ROAD
BEDFORD, NH 03110

JULY 28, 2023



LOCUS MAP

1" = 500'

NOT FOR CONSTRUCTION

LIST OF DRAWINGS

DWG #	SHEET#	DWG NAME
C1	1	TITLE SHEET
C2	2	PROJECT NOTES & LEGEND
C3	3	EXISTING CONDITIONS PLAN
C4	4	SITE LAYOUT PLAN
C5	5	DRAINAGE & GRADING PLAN
C6	6	UNDERDRAIN & LIGHTING PLAN
C7	7	EROSION CONTROL NOTES & DETAILS
C8	8	CONSTRUCTION DETAILS 1
C9	9	CONSTRUCTION DETAILS 2
C10	10	LIGHTING DETAILS

UTILITY CONTACTS:

WATER:
PENNICHUCK WATER WORKS
25 WALNUT STREET
NASHUA NH 03061
(603) 553-5191

SANITARY SEWER:
BEDFORD SEWER DIVISION
55 CONSTITUTION DRIVE
BEDFORD, NH 03110
CONTACT: JEROME SPOONER
(603) 472-3070

STORMWATER (DRAINAGE):
TOWN OF BEDFORD DPW
55 CONSTITUTION DRIVE
BEDFORD, NH 03110
CONTACT: JEFFREY FOOTE
(603) 472-3070

ELECTRIC SERVICE:
EVERSOURCE
770 N COMMERCIAL STREET
MANCHESTER, NH 03101
(800) 362-7764

TELECOMMUNICATIONS:
CONSOLIDATED COMMUNICATIONS
770 ELM STREET
MANCHESTER, NH 03101
(844) 968-7224

GAS SERVICE:
LIBERTY UTILITIES
9 LOWELL ROAD
SALEM, NH 03079
(800) 375-7413



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DATE	07/17/23
DATE	07/28/23

REV.	DESCRIPTION
1	60% PLANS - ISSUED FOR REVIEW
2	100% DESIGN PLAN SUBMITTAL

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CHECKED BY: WRD
DRAWN BY: JCH

DESIGNED BY: WRD/JCH

ORIGINAL DATE: JULY 17, 2023

SCALE: AS SHOWN

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CLIENT: TOWN OF BEDFORD
24 NORTH AMHERST ROAD
BEDFORD, NH 03110

PROJECT: SELVOSKI FIELD RENOVATION PROJECT
20 COUNTY ROAD
BEDFORD, NH 03110

TITLE SHEET
C1

GENERAL NOTES:

- 1. THE SURFACE FEATURES AND TOPOGRAPHY ARE THE RESULT OF AN ON THE GROUND SURVEY CONDUCTED DURING THE MONTH OF JUNE, 2023 BY FIELDSTONE LAND CONSULTANTS, PLLC. SEE DWG C3 FOR ADDITIONAL EXISTING CONDITIONS INFORMATION.
2. THE UNDERGROUND UTILITIES SHOWN HAVE BEEN COMPILED IN PART FROM PLANS OF RECORD AND FIELD LOCATION. THE LOCATION OF UNDERGROUND UTILITIES SHOULD BE CONSIDERED APPROXIMATE.
3. THE CONTRACTOR SHALL VERIFY AND DETERMINE THE LOCATION, SIZE, AND ELEVATION OF ALL EXISTING UTILITIES, SHOWN OR NOT SHOWN ON THESE PLANS PRIOR TO THE START OF ANY CONSTRUCTION. THE CONTRACTOR SHALL LOCATE THE UTILITIES SHOWN AND THE POSSIBLE EXISTENCE OF OTHER UNDERGROUND UTILITIES BY PROVIDING OBSERVATION TEST PITS. THE ENGINEER SHALL BE NOTIFIED IN WRITING OF ANY UTILITIES FOUND INTERFERING WITH THE PROPOSED CONSTRUCTION AND APPROPRIATE REMEDIAL ACTION SHALL BE AGREED TO BY THE ENGINEER BEFORE PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE TO CONTACT "DIGSAFE" (DIAL 811) AND THE TOWN OF BEDFORD DPW AT LEAST 72 HOURS BEFORE DIGGING.
4. THE CONTRACTOR SHALL THOROUGHLY EXAMINE THE PLANS AND THE SITE OF THE PROPOSED WORK, PRIOR TO THE START OF CONSTRUCTION. ANY DISCREPANCIES FOUND IN THE CONTRACT DOCUMENTS; OR WORK THAT CANNOT BE CONSTRUCTED AS SHOWN; OR ANY METHODS PROPOSED BY THE CONTRACTOR THAT ARE IN VARIANCE WITH THE CONTRACT DOCUMENTS SHALL BE REPORTED TO THE ENGINEER IN WRITING AT LEAST 10 DAYS PRIOR TO STARTING THE WORK.
5. WRITTEN DIMENSIONS HAVE PRECEDENCE OVER SCALED DIMENSIONS. THE CONTRACTOR SHALL USE CAUTION WHEN SCALING REPRODUCED PLANS. IN CASE OF CONFLICT BETWEEN THIS PLAN SET AND ANY OTHER DRAWING AND/OR SPECIFICATION, THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY FOR CLARIFICATIONS.
6. THIS PROJECT IS TO BE CONSTRUCTED TO THE TYPICAL SECTIONS AND DETAILS SHOWN ON THE PLANS, AND SHALL MEET THE STANDARDS OF THE TOWN OF BEDFORD.
7. WHEN PREPARING THE EXISTING SITE FOR THE PROPOSED DEVELOPMENT, ALL MATERIALS REMOVED SHALL BE DISPOSED OF IN ACCORDANCE WITH ALL GOVERNING AGENCIES.
8. THE CONTRACTOR SHALL PERFORM ALL THE CLEARING AND GRUBBING NECESSARY WITHIN THE CONSTRUCTION AREA, LIMITING THE AMOUNT OF CLEARING AND GRUBBING TO THE GREATEST EXTENT POSSIBLE.
9. CONTRACTOR SHALL PROTECT AND MAINTAIN EXISTING BENCHMARKS AND BOUNDS. ALL BENCHMARKS AND BOUNDS DISTURBED BY THE CONTRACTOR SHALL BE RE-ESTABLISHED BY A NEW HAMPSHIRE REGISTERED LAND SURVEYOR AT NO EXPENSE TO THE OWNER.
10. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ANY EXCAVATION SAFEGUARDS, NECESSARY BARRICADES, POLICE DETAILS, ETC., FOR TRAFFIC CONTROL AND SITE SAFETY. ALL EXCAVATIONS SHALL BE THOROUGHLY SECURED ON A DAILY BASIS BY THE CONTRACTOR AT THE COMPLETION OF CONSTRUCTION OPERATIONS.
11. THE CONTRACTOR IS RESPONSIBLE FOR THE CONSTRUCTION AND MAINTENANCE OF TRAFFIC DETOUR(S) AROUND THE WORK FOR VEHICLES AND PEDESTRIANS.
12. THE CONTRACTOR SHALL USE CAUTION DURING DEMOLITION TO PROTECT ALL EXISTING FEATURES SUCH AS BUT NOT LIMITED TO FOUNDATIONS, WALLS, PAVEMENT, AND CURBING TO REMAIN.
13. ALL DEMOLITION DEBRIS, CONCRETE, MASONRY, TREES, SHRUBS, CONSTRUCTION DEBRIS AND OTHER RELATED MATERIALS SHALL BE DISPOSED OF IN STRICT ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL LAWS.
14. ALL DEWATERING MUST BE EXECUTED IN ACCORDANCE WITH THE PLANS AND NEW HAMPSHIRE STATE REGULATIONS.
15. THE CONTRACTOR IS RESPONSIBLE FOR THE MEANS AND METHODS OF CONSTRUCTION AND FOR THE CONDITIONS OF THE SITE.
16. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE ALL WORK IS DONE IN ACCORDANCE WITH OSHA REQUIREMENTS.
17. ALL EXCAVATIONS SHALL BE THOROUGHLY SECURED ON A DAILY BASIS BY THE CONTRACTOR AT THE COMPLETION OF CONSTRUCTION OPERATIONS.
18. PEDESTRIAN ACCESS SHALL BE MAINTAINED AT ALL TIMES. WHEN AN AREA IS SHUT DOWN TO PERFORM WORK AN ADEQUATE DETOUR MUST BE ESTABLISHED AND CLEARLY IDENTIFIED WITH SIGNAGE TO PEDESTRIANS. PEDESTRIAN SAFETY IS OF THE UTMOST IMPORTANCE AND SHALL BE MAINTAINED AT ALL TIMES. ALL PEDESTRIAN MITIGATION SIGNS SHALL BE A MINIMUM OF 2' BY 3'. CONTRACTOR TO REVIEW ALL SIGNAGE AND FENCING ON A DAILY BASIS.
19. THE CONTRACTOR SHALL MAINTAIN ADEQUATE FIRE TRUCK ACCESS TO ALL BUILDINGS IN THE PROJECT AREA. CONTRACTOR TO COORDINATE WITH THE BEDFORD FIRE DEPARTMENT.
20. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF ALL TEMPORARY & PERMANENT PRODUCTS (PIPE, CASTINGS, STRUCTURES, ETC.) TO THE INSPECTING ENGINEER FOR REVIEW AND APPROVAL AT LEAST TWO WEEKS PRIOR TO FABRICATION AND INSTALLATION.
21. THE CONTRACTOR IS RESPONSIBLE FOR ALL PERMITS, FEES, TEMPORARY UTILITIES AND COORDINATION WITH ALL AGENCIES IN OBTAINING ACCESS TO THE SITE AND PERFORMING ALL WORK REQUIRED FOR THIS PROJECT.
22. ALL PAVEMENT MARKINGS AND SIGNS SHALL CONFORM TO THE LATEST EDITIONS OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), AMERICANS WITH DISABILITIES (ADA) ACT, AND STANDARD ALPHABETS FOR HIGHWAY SIGNS AND PAVEMENT MARKINGS.
23. SYMBOLS OF PROPOSED STRUCTURES SUCH AS CATCH BASINS AND DRAINAGE MANHOLES ARE EXAGGERATED FOR CLARITY ON THESE DRAWINGS. THE CONTRACTOR SHALL ADJUST FOR THIS DURING CONSTRUCTION LAYOUT.
24. ALL PROPOSED SITE FEATURES SHALL BE LAID OUT IN THE FIELD USING SURVEY EQUIPMENT. AN AUTOCAD FILE OF THE EXISTING AND PROPOSED FEATURES WITH CONTROL POINTS WILL BE PROVIDED TO THE CONTRACTOR FOR ASSISTING CONSTRUCTION LAYOUT.
25. THE CONTRACTOR SHALL SUBMIT AS-BUILT PLANS ON REPRODUCIBLE MYLAR AND IN DIGITAL FORMAT (AUTOCAD .DWG FORMAT) ON CD TO THE TOWN UPON COMPLETION OF THE PROJECT. AS-BUILTS SHALL BE PREPARED AND CERTIFIED BY A REGISTERED NEW HAMPSHIRE LAND SURVEYOR OR PROFESSIONAL ENGINEER.

DRAINAGE NOTES:

- 1. THE STORM DRAINAGE SYSTEM SHALL BE CONSTRUCTED TO LINE AND GRADE AS SHOWN ON THE PLANS. ALL PIPE MATERIALS SHALL BE AS SPECIFIED ON THE PLANS. CONSTRUCTION METHODS SHALL CONFORM TO NHDOT STANDARD SPECIFICATIONS, SECTION 603. CATCH BASINS AND DRAIN MANHOLES SHALL CONFORM TO SECTION 604. ALL CATCH BASIN GRATES SHALL BE TYPE B AND CONFORM TO NHDOT STANDARD SPECIFICATIONS UNLESS OTHERWISE NOTED.
2. THE CONTRACTOR SHALL CONFIRM THE ELEVATIONS FOR ALL DRAIN PIPE RUNS PRIOR TO ANY INSTALLATION.
3. ALL PROPOSED CATCH BASINS SHALL BE DEEP SUMP CATCH BASINS WITH 4' SUMPS.
4. THE CONTRACTOR SHALL INSTALL BELL TRAPS/OIL SEPARATOR HOODS ON ALL CATCH BASIN OUTLETS.
5. THE CONTRACTOR SHALL PROVIDE FOR THE HANDLING OF EXISTING FLOWS FROM SERVICE CONNECTIONS AND MAINLINE PIPES. THE EXISTING DRAINS MAY HAVE ACTIVE FLOW AND THE CONTRACTOR SHALL MAINTAIN CONTINUOUS FLOW WITHOUT RESTRICTIONS.
6. WHEN CONNECTING NEW PIPES TO EXISTING STRUCTURES SUCH AS MANHOLES AND CATCH BASINS, THE STRUCTURE SHALL BE COMPLETELY CLEANED OUT. THE HOLE MADE IN THE STRUCTURE SHALL BE AS SMALL AS NECESSARY. THE STRUCTURE SHALL BE REPAIRED TO MATCH ITS ORIGINAL TYPE OF CONSTRUCTION. THE JOINT BETWEEN THE STRUCTURE AND THE PIPE SHALL BE MADE WATERTIGHT BY FILLING THE JOINT WITH MORTAR.
7. ALL DRAIN PIPES SHALL HAVE A MINIMUM GROUND COVER OF 3'. IF THE REQUIRED COVER CANNOT BE OBTAINED, THE PROPOSED PIPE SHALL BE ADS N-12 DOUBLE WALLED HDPE OR APPROVED EQUAL. INSTALL 4" OF RIGID INSULATION ABOVE THE DRAIN LINE IF 3' COVER CANNOT BE OBTAINED.
8. PROPOSED RIM ELEVATIONS OF DRAINAGE MANHOLES AND CATCH BASINS ARE APPROXIMATE. FINAL ELEVATIONS ARE TO BE SET FLUSH WITH FINISH GRADES.
9. THE CONTRACTOR SHALL STABILIZE ANY AND ALL DITCHES, SLOPES AND SWALES PRIOR TO DIRECTING STORMWATER RUN-OFF TO THEM.
10. THE CONTRACTOR SHALL CLEAN AND FLUSH THE ENTIRE STORMWATER SYSTEM OF ALL SEDIMENT AND DEBRIS, WITHIN THE LIMIT OF WORK UPON COMPLETION OF CONSTRUCTION.

EARTHWORK & GRADING NOTES:

- 1. GRADE AWAY FROM BUILDING WALLS AT 1.5% MINIMUM.
2. PROVIDE UNIFORM SLOPE BETWEEN CONTOURS AND/OR SPOT ELEVATIONS.
3. EARTH SLOPES SHALL BE NO STEEPER THAN 2:1 (HORIZONTAL:VERTICAL) AND SHALL BE FLATTER WHERE SHOWN.
4. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL ROOTS AND STUMPS OF TREES THAT ARE REMOVED.
5. ALL AREAS DISTURBED BY THE CONTRACTOR'S OPERATIONS THAT DO NOT HAVE A SURFACE TREATMENT SPECIFICALLY SPECIFIED SHALL BE RESTORED TO A MINIMUM OF 6-INCHES OF SEEDED TOPSOIL, FERTILIZER, AND MULCH. ALL LOAM SHALL BE COMPOSED OF 60% SAND.
6. THERE MAY BE ADDITIONAL ITEMS TO BE REMOVED OR AREAS OF SAWCUT AND PAVEMENT REMOVAL THAT ARE NOT SHOWN ON THESE PLANS.
7. ANY UNSUITABLE MATERIAL (I.E. MUCK, PEAT, BURIED DEBRIS) ENCOUNTERED DURING CONSTRUCTION SHALL BE REMOVED AND REPLACED WITH SUITABLE FILL MATERIAL.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXCAVATIONS AGAINST COLLAPSE AND SHALL PROVIDE BRACING, SHEETING, OR SHORING AS NECESSARY. TRENCHES SHALL BE KEPT DRY WHILE PIPE AND APPURTENANCES ARE BEING PLACED. DEWATERING SHALL BE USED AS REQUIRED, AND PERMITTED THROUGH LOCAL AGENCIES.
9. GENERAL FILL BEYOND PAVED AREAS SHALL BE FREE OF BRUSH RUBBISH, STUMPS, AND STONES LARGER THAN 8". FILL SHALL BE PLACED IN COMPACTED LAYERS NOT TO EXCEED 8" IN THICKNESS. THE DRY DENSITY AFTER COMPACTION SHALL NOT BE LESS THAN 95% OF THE STANDARD PROCTOR TEST AND DONE IN ACCORDANCE WITH THE REQUIREMENTS OF ASTM D698.
10. AFTER THE AREAS TO BE TOPSOILED HAVE BEEN BROUGHT TO GRADE, THE SUBGRADE SHALL BE LOOSENED BY SCARIFYING TO A DEPTH OF AT LEAST 2" TO ENSURE BONDING OF THE TOPSOIL AND SUBSOIL.
11. FILL OR TOPSOIL SHALL NEITHER BE PLACED NOR COMPACTED WHILE IN A FROZEN OR MUDDY CONDITION OR WHILE SUBGRADE IS FROZEN.
12. FINISH PAVEMENT/CONCRETE SURFACES AND LAWN AREAS SHALL BE FREE OF LOW SPOTS AND PONDING AREAS.

UTILITY NOTES:

- 1. THE CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES OWNING UTILITIES, EITHER OVERHEAD OR UNDERGROUND, WITHIN THE CONSTRUCTION AREA AND SHALL COORDINATE WITH THE UTILITY COMPANIES FOR RELOCATING AND/OR SUPPORTING THEIR UTILITIES IN ACCORDANCE WITH THE SPECIFICATIONS.
2. THE CONTRACTOR SHALL MAINTAIN UTILITY SERVICES TO EXISTING FACILITIES AT ALL TIMES. IF ANY DISRUPTION MUST OCCUR, CONTRACTOR SHALL NOTIFY AND COORDINATE WITH FACILITY AT LEAST 72 HOURS IN ADVANCE.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORATION OF EXISTING UTILITIES AND STRUCTURES DAMAGED OR REMOVED BY THE CONTRACTOR DURING THEIR OPERATIONS.
4. THE CONTRACTOR SHALL COORDINATE MATERIALS AND INSTALLATION SPECIFICATIONS WITH THE INDIVIDUAL UTILITY AGENCIES/COMPANIES, AND ARRANGE FOR ALL INSPECTIONS.
5. FINAL ELEVATIONS OF UTILITY STRUCTURES ARE TO BE SET FLUSH WITH FINISH GRADES. ADJUST ALL OTHER RIM ELEVATIONS OF MANHOLES, WATER GATES, GAS GATES, AND OTHER UTILITIES TO FINISHED GRADE WITHIN LIMITS OF WORK.
6. DURING EXCAVATION, IT IS ANTICIPATED THAT EXISTING UTILITIES AND SEWERS WILL BE EXPOSED. THE CONTRACTOR SHALL PROVIDE PROTECTION AND SUPPORT OF THESE FACILITIES AND REPAIR ANY DAMAGE CAUSED BY THE WORK IN A MANNER SATISFACTORY TO THE OWNER.
7. ALL ELECTRIC MATERIAL WORKMANSHIP SHALL CONFORM TO THE NATIONAL ELECTRIC CODE AS WELL AS STATE AND LOCAL CODES.
8. THE CONTRACTOR SHALL PROVIDE AND INSTALL ALL HANDHOLES, FITTINGS, CONNECTORS, COVER PLATES, AND OTHER MISCELLANEOUS ITEMS NOT NECESSARILY DETAILED ON THESE DRAWINGS TO RENDER INSTALLATION OF UTILITIES COMPLETE AND OPERATIONAL.
9. THE CONTRACTOR SHALL REVIEW THE LOCATION OF ALL OVERHEAD WIRES WITHIN THE PROJECT AREA IN THE FIELD TO DETERMINE THEIR IMPACT ON CONSTRUCTION MEANS AND METHODS.
10. THE NUMBER, TYPE, AND SIZE OF UTILITY CONDUITS SHALL BE DETERMINED BY THE UTILITY COMPANY.
11. ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH ALL STATE AND LOCAL CODES.
12. CONTRACTOR TO COORDINATE UNDERGROUND ELECTRIC, INCLUDING BUT NOT LIMITED TO SIZE, LOCATION, MATERIAL, CONDUIT, AND HAND HOLES.

Table with two columns: Existing and Proposed. Lists utility symbols and abbreviations such as ABAN, AC, ADJ, APPROX, B=, BC, BERM, BIT CONC, BLDG, BS, BWLL, BW, CB, CBRND, CBSQ, CI, CICL, CIP, CL, CLF, CMP, CO, COL, CONC, CP, DHW, DI, DICL, DIA, DMH, DWG, DYCL, EL, ELEV, ELEC, ELEV, EMH, EXIST, FDC, FES, FF, FM, GC, GG, GM, GR, GW, HDPE, HH, HORIZ, HR, HVAC, HYD, INV, IP, LP, LS, LT, MC, MAX, MHW, MIN, NO, #, NTS, OCS, OHW, PB, PDA, PERF, PL, PROP, PSI, PVC, PVI, R=, RCP, R&D, (rec), RET, RT, SGC, SMH, SHWT, SS, STA, STMH, SW, SWEL, SWLL, TC, TCB, TEL, TL, TMH, TOFA, TP, TRANS, TS, TW, TYP, UP, VC, VERT, VGC, W, WC, WF, WV, WP, WM, YD.

LEGEND table with columns: EXISTING, PROPOSED, DESCRIPTION. Lists symbols for PROPERTY LINE, RIGHT OF WAY, EASEMENT, BUILDING SETBACK, PARKING SETBACK, SURVEY MONUMENT, BASELINE, LIMIT OF DEVELOPMENT, WETLAND LINE WITH FLAG, WETLAND BUFFER, ROCK/LEDGE, EDGE OF GRAVEL, EDGE OF PAVEMENT, EDGE OF CONCRETE, BITUMINOUS BERM, BITUMINOUS CURB, CONCRETE CURB, CURB & GUTTER, PRECAST CONC. CURB, SLOPED GRANITE CURB, VERTICAL GRANITE CURB, SAWCUT, BUILDING, BUILDING ENTRANCE, LOADING DOCK, BOLLARD, SIGN, DOUBLE SIGN, GUARDRAIL, TREE, TREELINE, CHAINLINK FENCE, FENCE, STOCKADE FENCE, STONE WALL, RETAINING WALL, STREAM/POND/WATERCOURSE, DETENTION BASIN, HAYBALES, SILT FENCE, DRAINAGE FLOW, SWALE, MINOR CONTOUR, MAJOR CONTOUR, TRAFFIC ARROW, PARKING COUNT, SINGLE WHITE LINE, DOUBLE YELLOW LINE, STOP LINE, CROSSWALK, ACCESSIBLE CURB RAMP, DETECTABLE WARNING PANEL, ACCESSIBLE PARKING, VAN-ACCESSIBLE PARKING, SPOT ELEVATION, BORING LOCATION, TEST PIT LOCATION, MONITORING WELL, UNDER DRAIN, DRAIN, SEWER, OVERHEAD WIRE, WATER, FIRE PROTECTION, GAS, UNDERGROUND ELECTRIC, STEAM, TELEPHONE, CATCH BASIN, DOUBLE CATCH BASIN, DRAIN MANHOLE, TRENCH DRAIN, PLUG OR CAP, CLEANOUT, FLARED END SECTION, HEADWALL, SEWER MANHOLE, WATER SHUT-OFF, WATER VALVE & BOX, TAPPING SLEEVE, VALVE&BOX, FIRE HYDRANT, THRUST BLOCK, WATER METER.

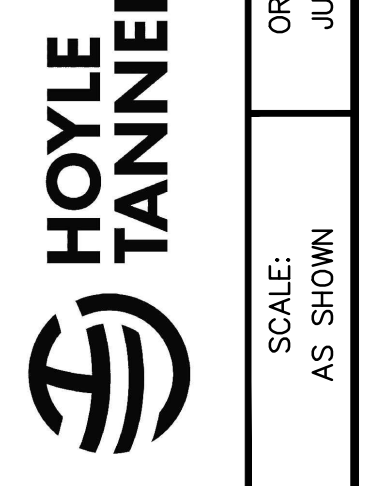
NOT FOR CONSTRUCTION

Table with 2 columns: DATE. Values: 07/28/23, 07/17/23.

Table with 3 columns: 100% DESIGN PLAN SUBMITTAL, 60% PLANS - ISSUED FOR REVIEW, REVISION DESCRIPTION. Values: 2, 1, REV.

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CLIENT: TOWN OF BEDFORD 24 NORTH AMHERST ROAD BEDFORD, NH 03110 PROJECT: SELVOSKI FIELD RENOVATION PROJECT 20 COUNTY ROAD BEDFORD, NH 03110

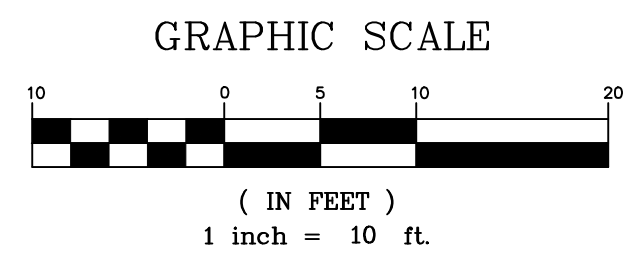
PROJECT NOTES & LEGEND C2

EXISTING CONDITIONS NOTES:

1. THE PURPOSE OF THIS PLAN IS TO DEPICT THE EXISTING CONDITIONS ON TAX MAP LOT 20-11 IN BEDFORD, NH.
2. THE OWNER OF RECORD FOR TAX MAP LOT 20-11 IS THE TOWN OF BEDFORD - 24 NORTH AMHERST ROAD, BEDFORD, NH 03110.
3. ZONING FOR THE PARCEL IS THE RESIDENTIAL & AGRICULTURAL ZONE (RA).
4. THE SURFACE FEATURES AND TOPOGRAPHY SHOWN ARE THE RESULT OF AN ON THE GROUND SURVEY CONDUCTED DURING THE MONTH OF JUNE, 2023 BY FIELDSTONE LAND CONSULTANTS, PLLC. HORIZONTAL ORIENTATION & VERTICAL DATUM ARE BASED ON THE REFERENCE PLAN.
5. THE SUBJECT PARCEL IS NOT LOCATED IN A FLOOD HAZARD AREA AS DETERMINED FROM THE FLOOD INSURANCE STUDY (FIRM), HILLSBOROUGH COUNTY, CITY OF BEDFORD, NEW HAMPSHIRE, COMMUNITY NO. 330083, PREPARED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY, MAP NUMBER: 33011C0359D, DATED SEPTEMBER 25, 2009.
6. THE UNDERGROUND UTILITIES SHOWN HAVE BEEN COMPILED IN PART FROM PLANS OF RECORD AND FIELD LOCATION. THE LOCATION OF UNDERGROUND UTILITIES SHOULD BE CONSIDERED APPROXIMATE AND SHOULD BE FIELD VERIFIED PRIOR TO ANY EXCAVATION OR CONSTRUCTION ACTIVITIES.

REFERENCE PLAN:

"SITE DEVELOPMENT PLANS - FOR THE - RILEY FIELD AND SPORTSMAN'S FIELD - REHABILITATION PROJECT - 20 COUNTY ROAD - BEDFORD, NH", SCALE: 1"=40', DATED NOVEMBER 22, 2017 BY HOYLE, TANNER, & ASSOCIATES.



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HOYLE TANNER

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SCALE: AS SHOWN
 ORIGINAL DATE: JULY 17, 2023
 DESIGNED BY: WRD/JCH
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 24 NORTH AMHERST ROAD
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 20 COUNTY ROAD
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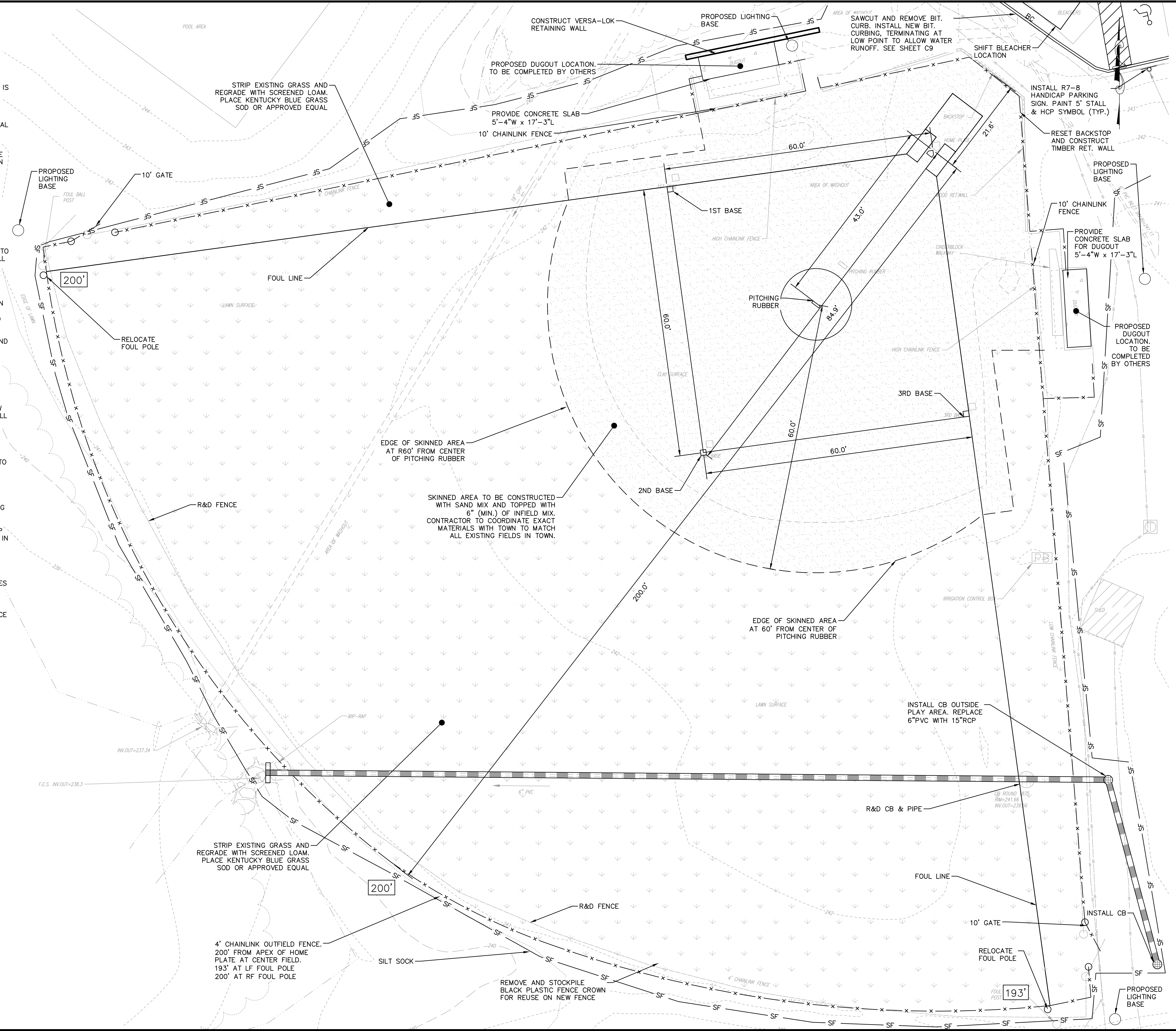
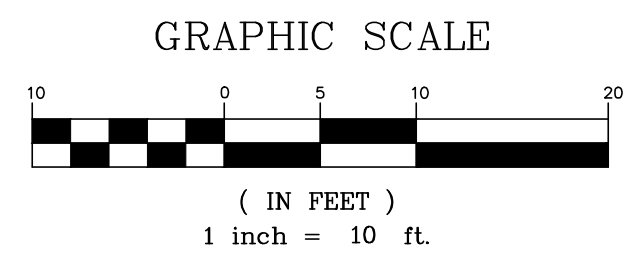
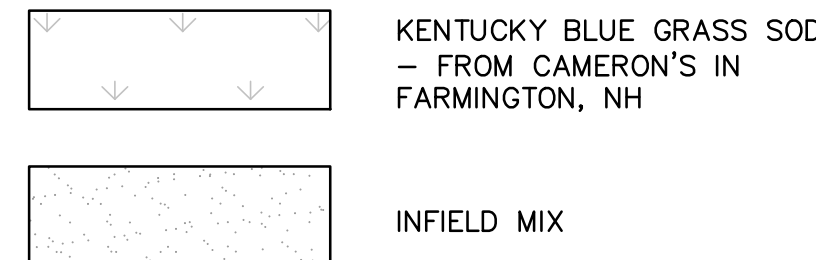
EXISTING CONDITIONS PLAN
C3
 PROJECT NO. 23.015701.00
 SHEET 3 OF 10

GENERAL CONSTRUCTION NOTES:

1. THE PURPOSE OF THIS PLAN TO PROVIDE GUIDANCE TO RENOVATE SELVOSKI FIELD.
2. REFER TO DWG C2 FOR NOTES, ABBREVIATIONS AND LEGEND.
3. REFER TO DWGS C7-C10 FOR CONSTRUCTION DETAILS.
4. THE LOCATION OF THE UTILITIES SHOWN ARE APPROXIMATE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE AND PRESERVE ALL UTILITY SERVICES.
5. THE CONTRACTOR IS RESPONSIBLE FOR CONTRACTING AND COORDINATING WITH ALL UTILITY COMPANIES AND JURISDICTIONAL AGENCIES PRIOR TO AND DURING CONSTRUCTION.
6. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND PROPOSED WORK PRIOR TO CONSTRUCTION. ANY DISCREPANCIES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ENGINEER IN WRITING.
7. CONTRACTOR TO CONFIRM LOCATIONS OF VALVE BOXES AND UTILITY BOXES. CONTRACTOR TO REMOVE THE EXISTING IRRIGATION SYSTEM AND COMPLETE NEW IRRIGATION SYSTEM DESIGNED BY OTHERS.

CONSTRUCTION SEQUENCE:

1. INSTALL SILT SOCKS, INLET PROTECTION BARRIERS AND CONSTRUCTION ENTRANCES AS SHOWN ON THE PLANS, PRIOR TO THE START OF ANY CONSTRUCTION. INSPECT AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL MEASURES THROUGHOUT CONSTRUCTION. MINIMIZE EXTENT AND DURATION OF EXPOSURE OF DISTURBED AREAS.
2. REMOVE AND DISPOSE OF EXISTING GRASS AND OTHER VEGETATION PER THE PLAN. STRIP EXISTING LOAM AND SCREEN TO 1/2". STOCKPILE LOAM. RAISE SUBGRADE W/ NHDOT 304.1 SAND. REMOVE INFIELD AND STOCKPILE MIX FOR USE AS SAND FILL IN OUTFIELD.
3. REMOVE OUTFIELD FENCE CAPPING AND STOCKPILE. REMOVE AND STORE SPONSORSHIP BANNERS. REMOVE ALL 4 FT FENCING SURROUNDING SOFTBALL FIELD, PER THE PLAN.
4. REMOVE HIGH CHAINLINK FENCE PROTECTING DUGOUTS.
5. REMOVE EXISTING IRRIGATION. FURNISH AND INSTALL NEW IRRIGATION SYSTEM, TO BE DESIGNED BY OTHERS.
6. REMOVE CATCH BASIN AS CALLED OUT ON PLAN. INSTALL NEW CATCH BASINS, DRAINAGE PIPES, UNDERDRAIN SYSTEM, AND ALL ELECTRICAL CONDUITS.
7. ADD 8" SAND FILL AND 6" (MIN.) INFIELD MIX MATERIAL TO SKINNED AREA AND GRADE AS SHOWN ON GRADING PLAN. REGRADE AREAS TO BE SODDED WITH 6" SCREENED LOAM. CONSTRUCT RETAINING WALL FOR RIGHT FIELD DUGOUT. TIE INTO EXISTING GRADE OUTSIDE OF THE FIELD WITH LOAM.
8. INSTALL CONCRETE SLABS FOR DUGOUTS.
9. INSTALL OUTFIELD FENCE AND 10' HIGH FENCE IN FRONT OF DUGOUTS. RESET BACKSTOP FENCE. REPLACE TIMBER RETAINING WALL IN FRONT OF ENTIRE BACKSTOP USING 6"x8" TIMBERS.
10. INSTALL BITUMINOUS CURB IN PARKING LOT. INSTALL HANDICAP PARKING SIGN AND PAINT MARKINGS. REPAINT ANOTHER SPOT IN LOT TO REPLACE STUDENT PARKING SPOT.
11. PLACE SOD IN ALL AREAS WHERE LOAM AND EXISTING GRASS WERE STRIPPED.
12. INSTALL ALL BASES, ENSURING A 60' DISTANCE BETWEEN BASES AND A 43' DISTANCE FROM THE FRONT OF THE PITCHING RUBBER TO THE APEX OF HOME PLATE.
13. SPRAY PAINT FIELD LINES AND BATTER'S BOX. REINSTALL FENCE CAPPING ALONG OUTFIELD FENCE.



NOT FOR CONSTRUCTION

DATE	REVISION DESCRIPTION
07/28/23	
07/17/23	

2	100% DESIGN PLAN SUBMITTAL	WRD
1	60% PLANS - ISSUED FOR REVIEW	JCH
		WRD

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 Portsmouth, NH 03801
 (603) 431-2520
 www.foyletanner.com

HOYLE TANNER

SCALE: AS SHOWN
 ORIGINAL DATE: JULY 17, 2023
 DESIGNED BY: WRD/JCH
 DRAWN BY: JCH
 CHECKED BY: WRD

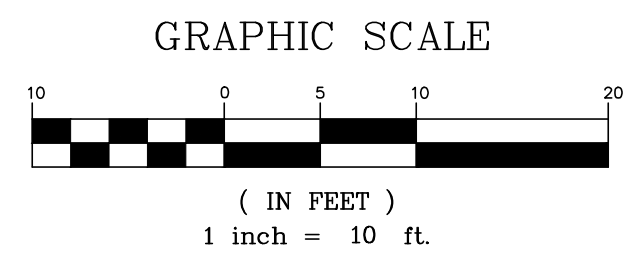
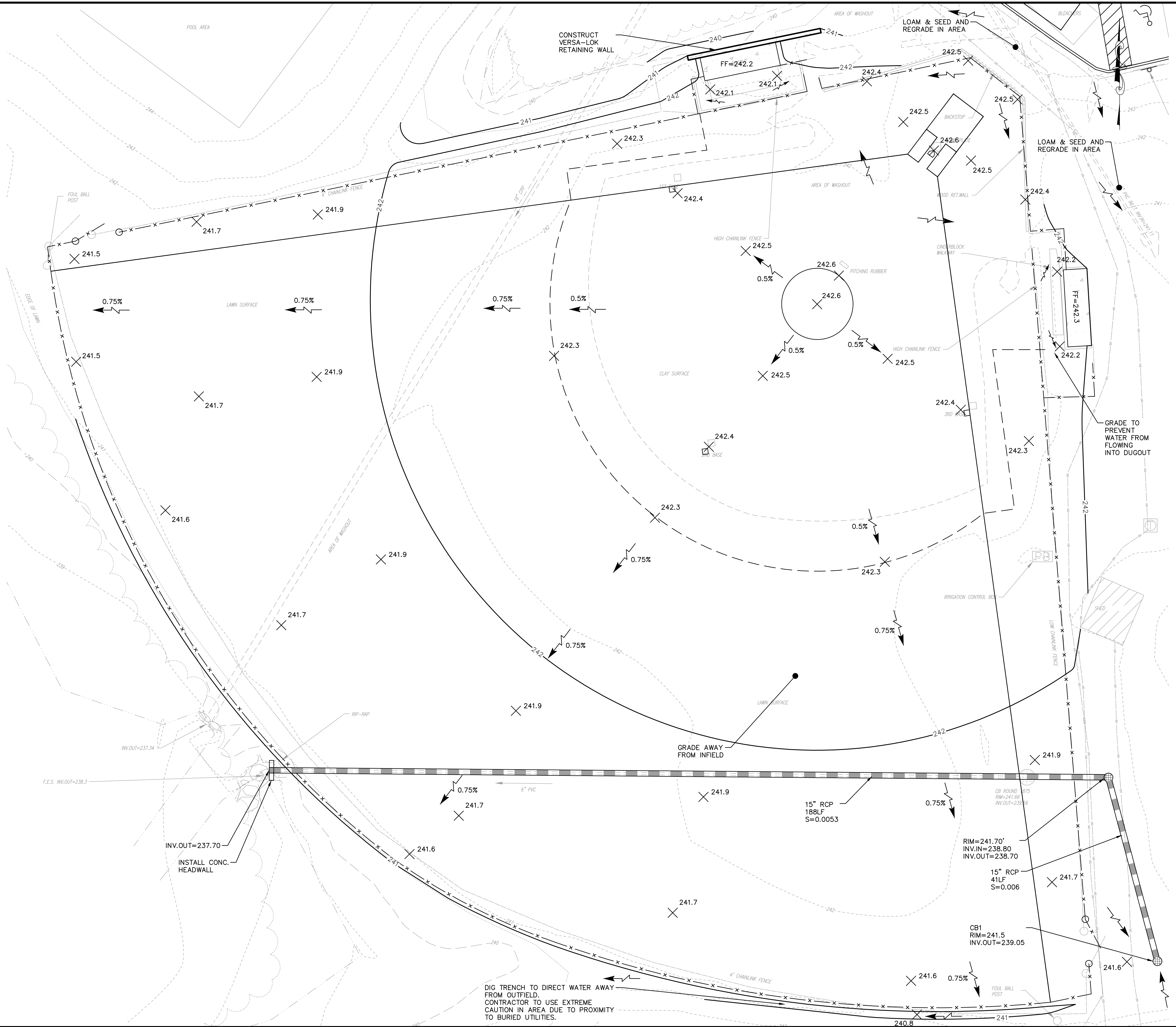
CLIENT: TOWN OF BEDFORD
 24 NORTH AMHERST ROAD
 BEDFORD, NH 03110

PROJECT: SELVOSKI FIELD RENOVATION PROJECT
 20 COUNTY ROAD
 BEDFORD, NH 03110

SITE LAYOUT PLAN
C4
 PROJECT NO. 23.015701.00
 SHEET 4 OF 10

EARTHWORK & GRADING NOTES:

1. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND PROPOSED WORK PRIOR TO CONSTRUCTION. ANY DISCREPANCIES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ENGINEER IN WRITING.
2. PROVIDE UNIFORM SLOPE BETWEEN CONTOURS AND/OR SPOT ELEVATIONS.
3. EARTH SLOPES SHALL BE NO STEEPER THAN 2:1 (HORIZONTAL:VERTICAL) AND SHALL BE FLATTER WHERE SHOWN.
4. GENERAL FILL SHALL BE FREE OF BRUSH RUBBISH, STUMPS, AND STONES LARGER THAN 8". FILL SHALL BE PLACED IN COMPACTED LAYERS NOT TO EXCEED 8" IN THICKNESS. THE DRY DENSITY AFTER COMPACTION SHALL NOT BE LESS THAN 95% OF THE STANDARD PROCTOR TEST AND DONE IN ACCORDANCE WITH THE REQUIREMENTS OF ASTM D698.
5. AFTER THE AREAS TO BE TOPSOILED HAVE BEEN BROUGHT TO GRADE, THE SUBGRADE SHALL BE LOOSENEED BY SCARIFYING TO A DEPTH OF AT LEAST 2" TO ENSURE BONDING OF THE TOPSOIL AND SUBSOIL.
6. FILL OR TOPSOIL SHALL NEITHER BE PLACED NOR COMPACTED WHILE IN A FROZEN OR MUDDY CONDITION OR WHILE SUBGRADE IS FROZEN.
7. FINISHED SKINNED AREAS AND LAWN AREAS SHALL BE FREE OF LOW SPOTS AND PONDING AREAS.
8. ALL AREAS DISTURBED BY THE CONTRACTOR'S OPERATIONS THAT DO NOT HAVE A SURFACE TREATMENT SPECIFICALLY SPECIFIED SHALL BE RESTORED TO A MINIMUM OF 6" OF SEEDED TOPSOIL, FERTILIZER, AND MULCH. ALL LOAM IS TO BE COMPOSED OF 60% SAND.
9. THE CONTRACTOR SHALL REMOVE, CONTAIN, TEST AND DISPOSE OF EXCAVATED SOILS IN ACCORDANCE WITH THE NHDOT STANDARD SPECIFICATIONS DIVISION 200 - EARTHWORK.
10. CONTRACTOR SHALL MAKE EVERY ATTEMPT POSSIBLE TO SAVE EXISTING TREES AND MINIMIZE DAMAGE TO TREES ADJACENT TO CONSTRUCTION LIMITS DURING CONSTRUCTION.
11. SLOPES SHOULD GENERALLY BE 0.5% IN SKINNED AREAS AND 0.75% IN THE OUTFIELD AREAS.



DIG TRENCH TO DIRECT WATER AWAY FROM OUTFIELD. CONTRACTOR TO USE EXTREME CAUTION IN AREA DUE TO PROXIMITY TO BURIED UTILITIES.

NOT FOR CONSTRUCTION

DATE	07/17/23
REVISION DESCRIPTION	60% PLANS - ISSUED FOR REVIEW
REV.	1
CHECKED BY	WRD
DRAWN BY	JCH
DESIGNED BY	WRD/JCH
ORIGINAL DATE	JULY 17, 2023
SCALE:	AS SHOWN

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CLIENT
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24 NORTH AMHERST ROAD
BEDFORD, NH 03110

PROJECT
SELVOSKI FIELD RENOVATION PROJECT
20 COUNTY ROAD
BEDFORD, NH 03110

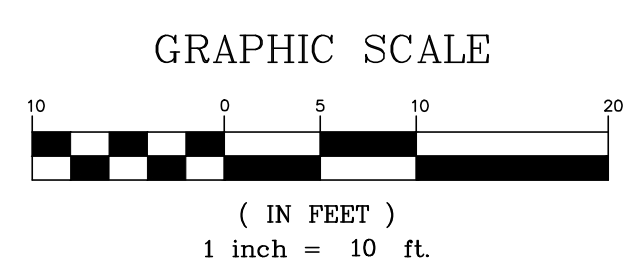
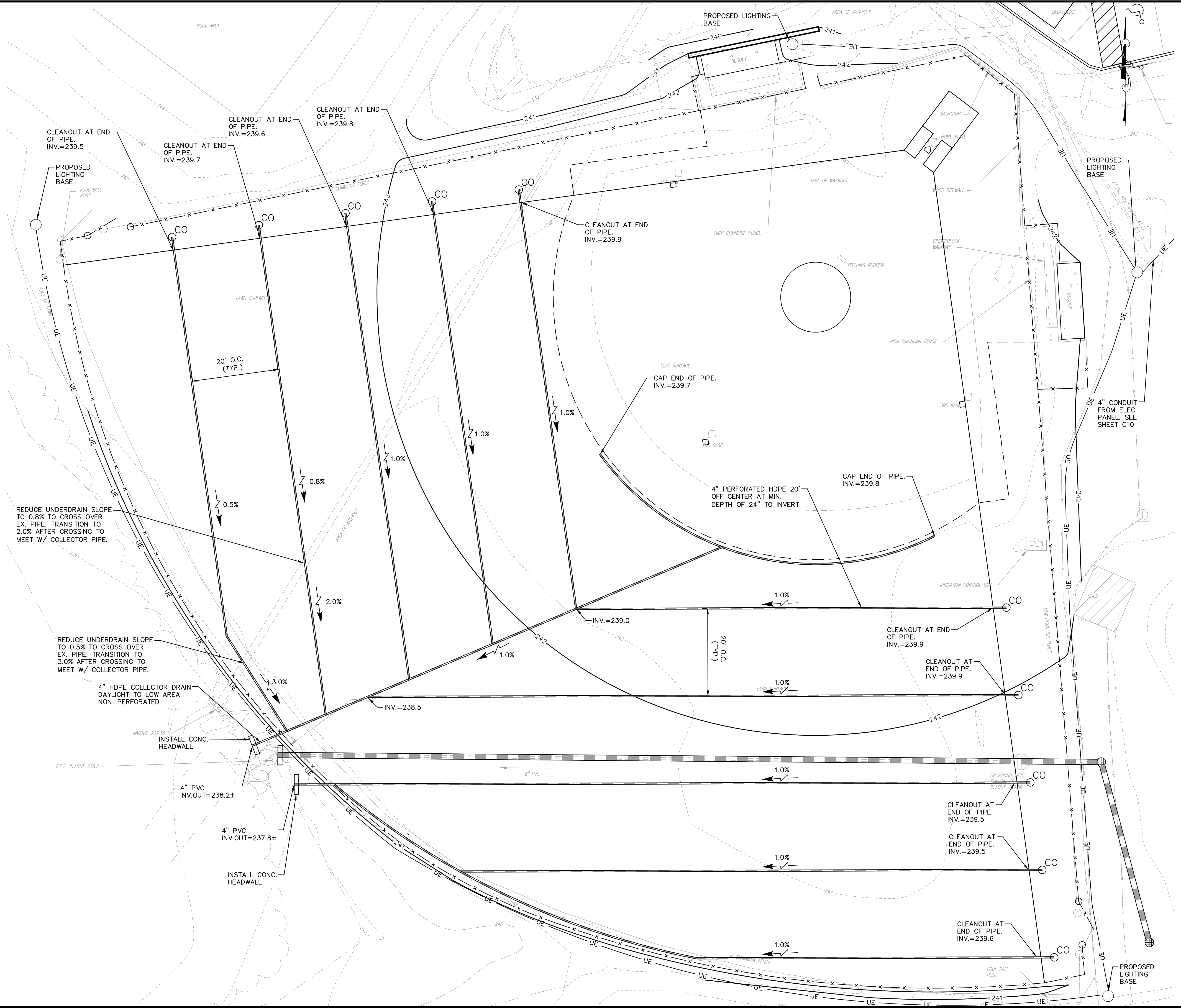
DRAINAGE & GRADING PLAN

C5

PROJECT NO. 23.015701.00
SHEET 5 OF 10

UNDERDRAIN NOTES:

1. UNDERDRAIN IS TO BE 4" PERFORATED HDPE SET 20' O.C. THROUGHOUT THE OUTFIELD. PIPE PERFORATIONS SHOULD BE PLACED FACING DOWN IN THE TRENCH.
2. UNDERDRAIN PIPE SHOULD MAINTAIN A 1.0% SLOPE UNLESS OTHERWISE NOTED.
3. PIPE SHOULD MAINTAIN A MINIMUM OF 20" OF COVER ABOVE THE TOP OF PIPE.
4. CLEANOUTS TO BE INSTALLED AT BEGINNING OF UNDERDRAIN PIPES, BROUGHT TO 4" UNDER GRADE AND COVERED. INSTALL MAGNETIC ROD TO LOCATE.



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2	07/28/23	100% DESIGN PLAN SUBMITTAL

DESIGNED BY: WRD/JCH
 DRAWN BY: JCH
 CHECKED BY: WRD
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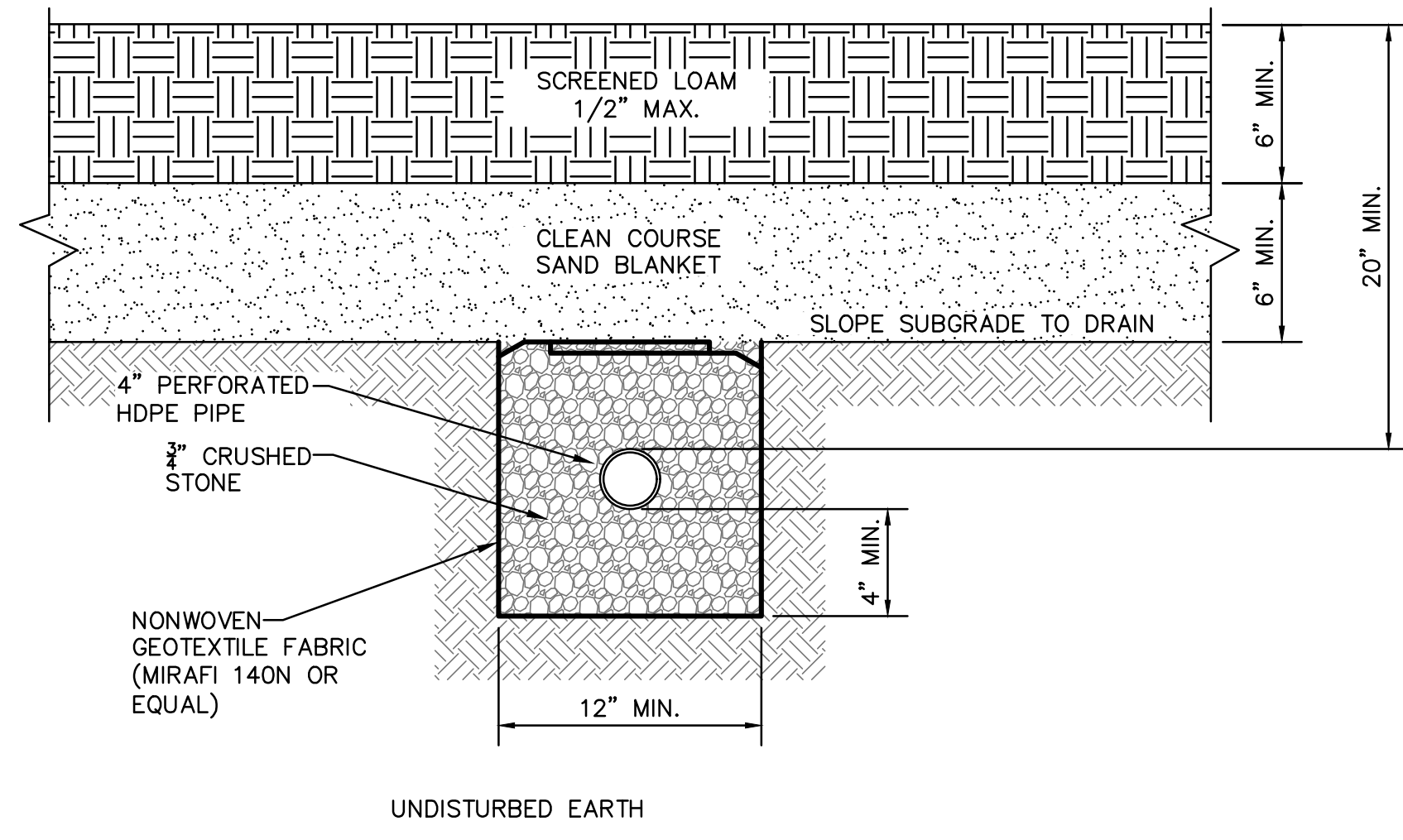
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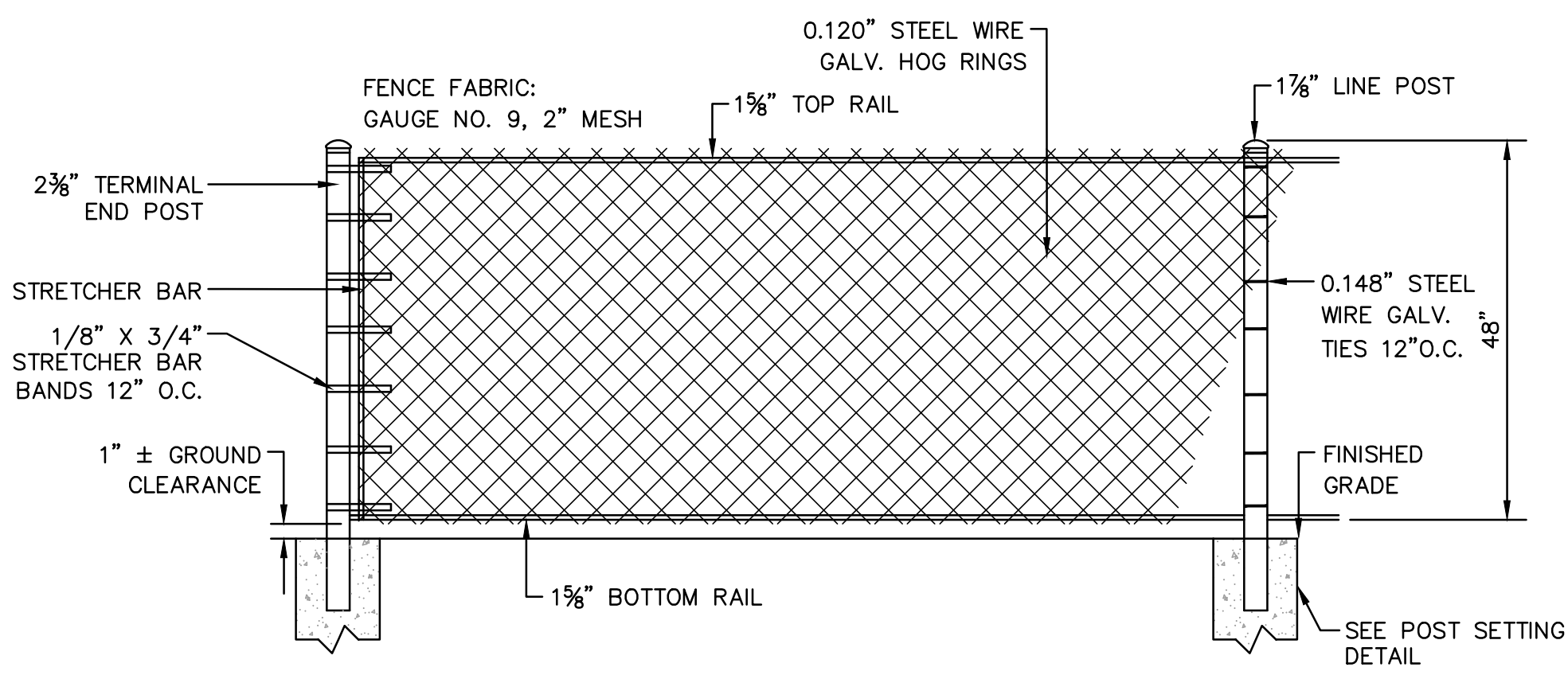
UNDERDRAIN & LIGHTING PLAN

C6

PROJECT NO. 23.015701.00
 SHEET 6 OF 10



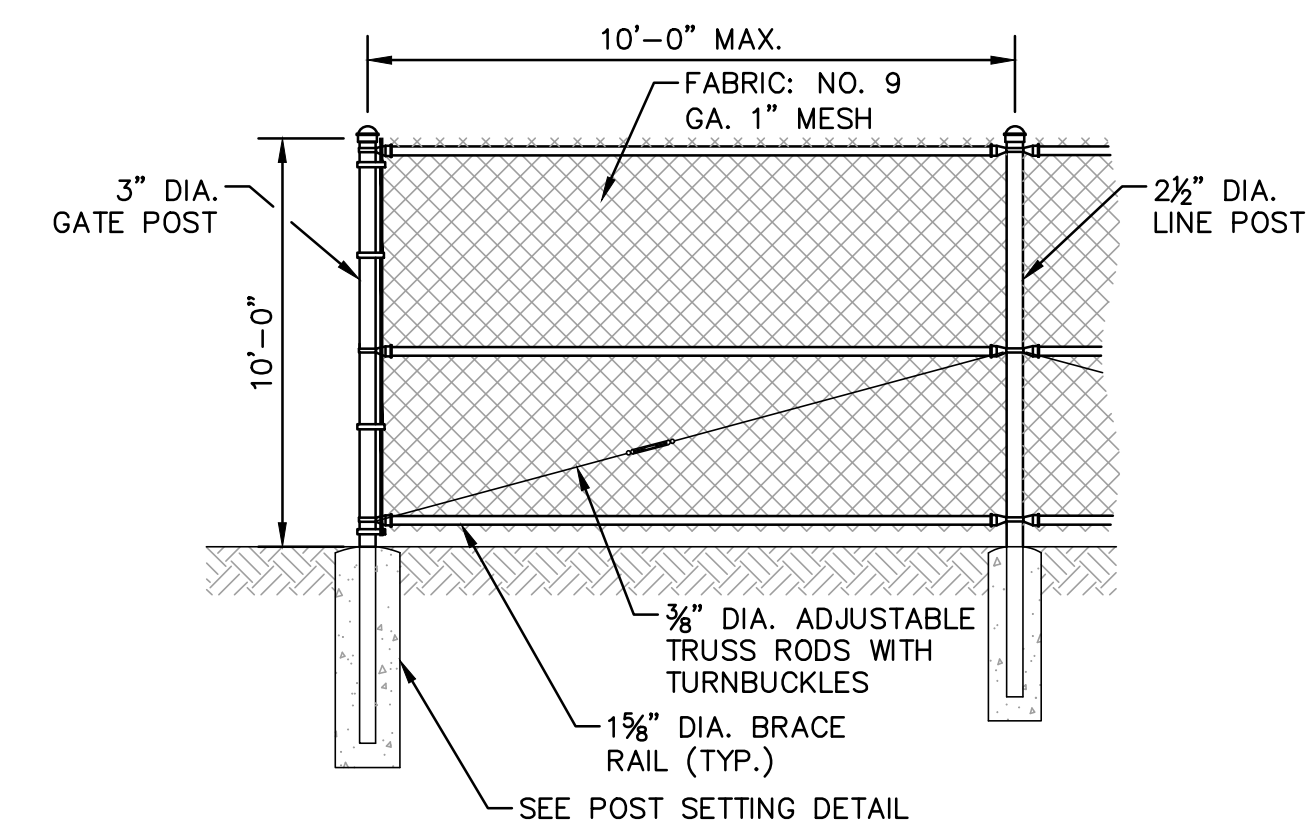
1 UNDERDRAIN DETAIL
SCALE: NONE



FENCE NOTES:

1. MAXIMUM POST SPACING SHALL BE 10'-0".
2. ALL FENCING SHALL BE VINYL COATED BLACK.
3. REFER TO NHDOT SPECIFICATION AND STANDARD DETAILS FOR ADDITIONAL FENCE INFORMATION AND GATE DETAILS.
4. FENCE SHALL BE CAPPED FOR SAFETY.

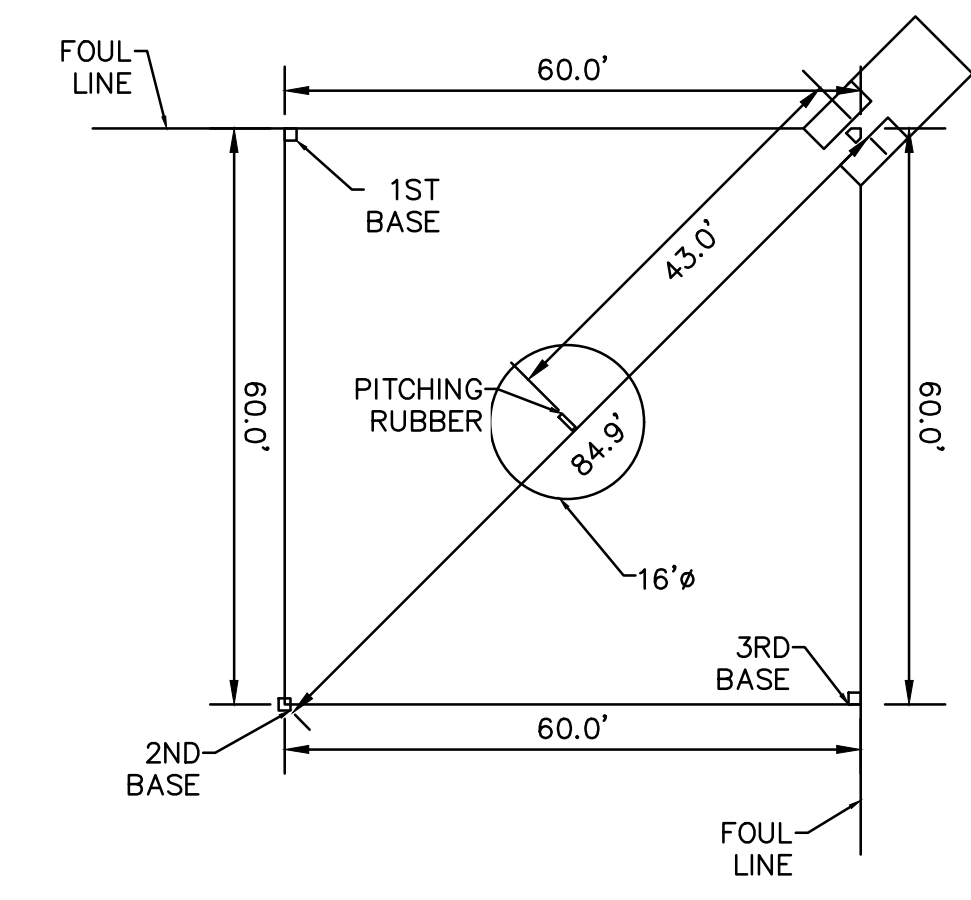
2 4' CHAINLINK FENCE DETAIL
SCALE: NONE



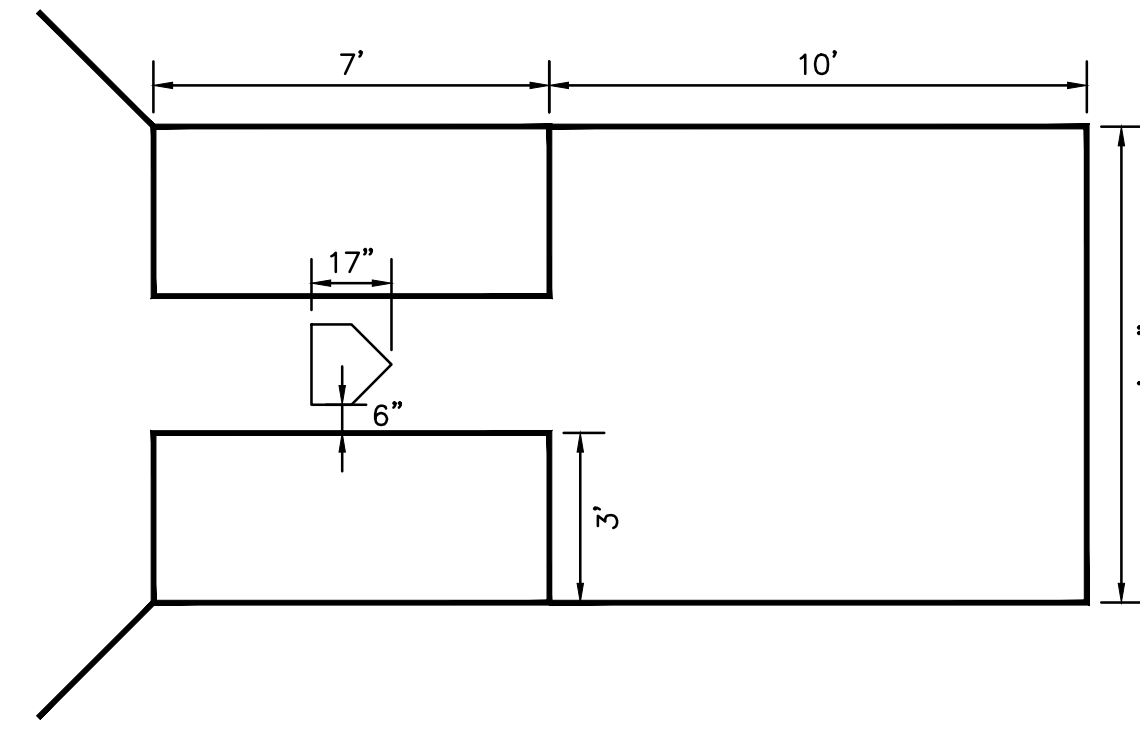
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1. MAXIMUM POST SPACING SHALL BE 10'-0".
2. ALL FENCING SHALL BE VINYL COATED BLACK.
3. REFER TO NHDOT SPECIFICATION AND STANDARD DETAILS FOR ADDITIONAL FENCE INFORMATION AND GATE DETAILS.

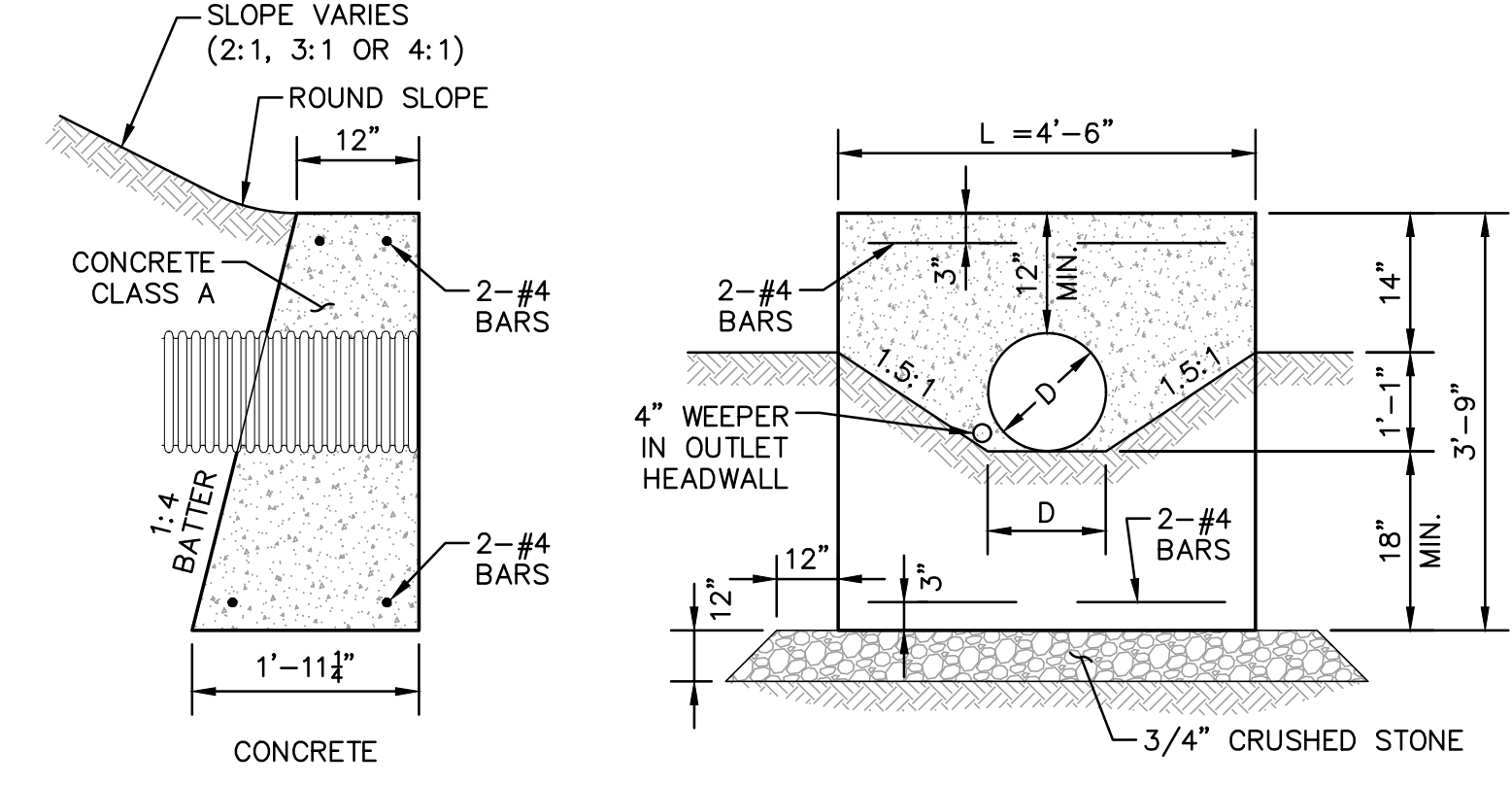
3 10' CHAINLINK FENCE DETAIL
SCALE: NONE



4 BASE LAYOUT DIMENSION DETAIL
SCALE: NONE



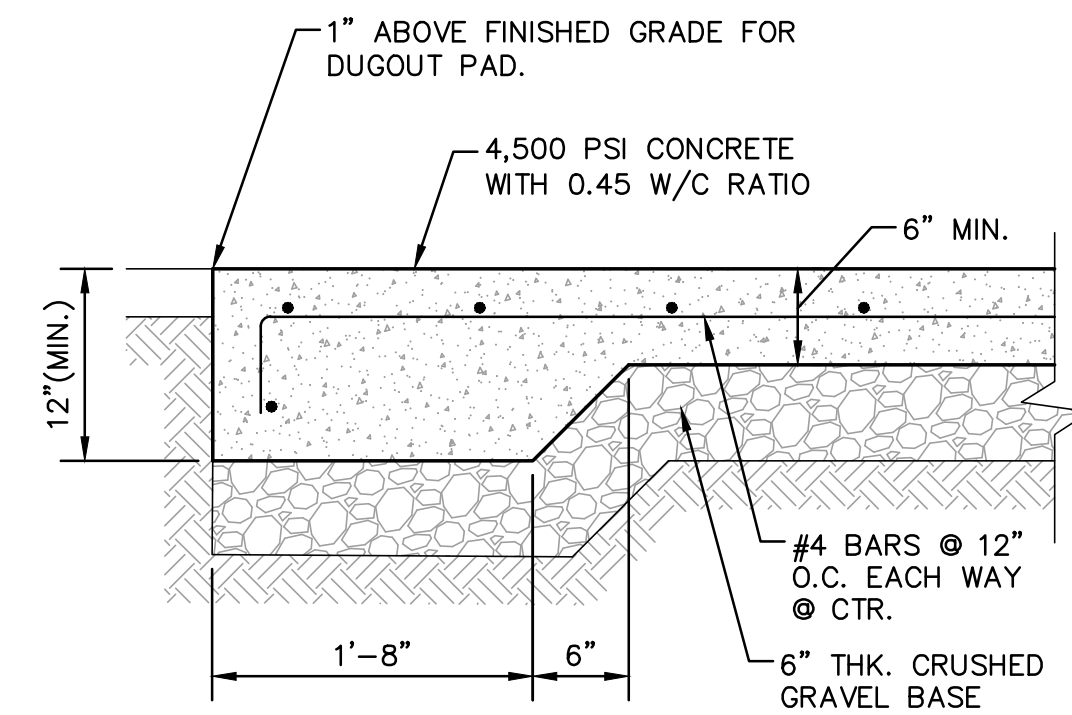
5 BATTERS BOX DIMENSION DETAIL
SCALE: NONE



SECTION ON CENTERLINE

ELEVATION VIEW

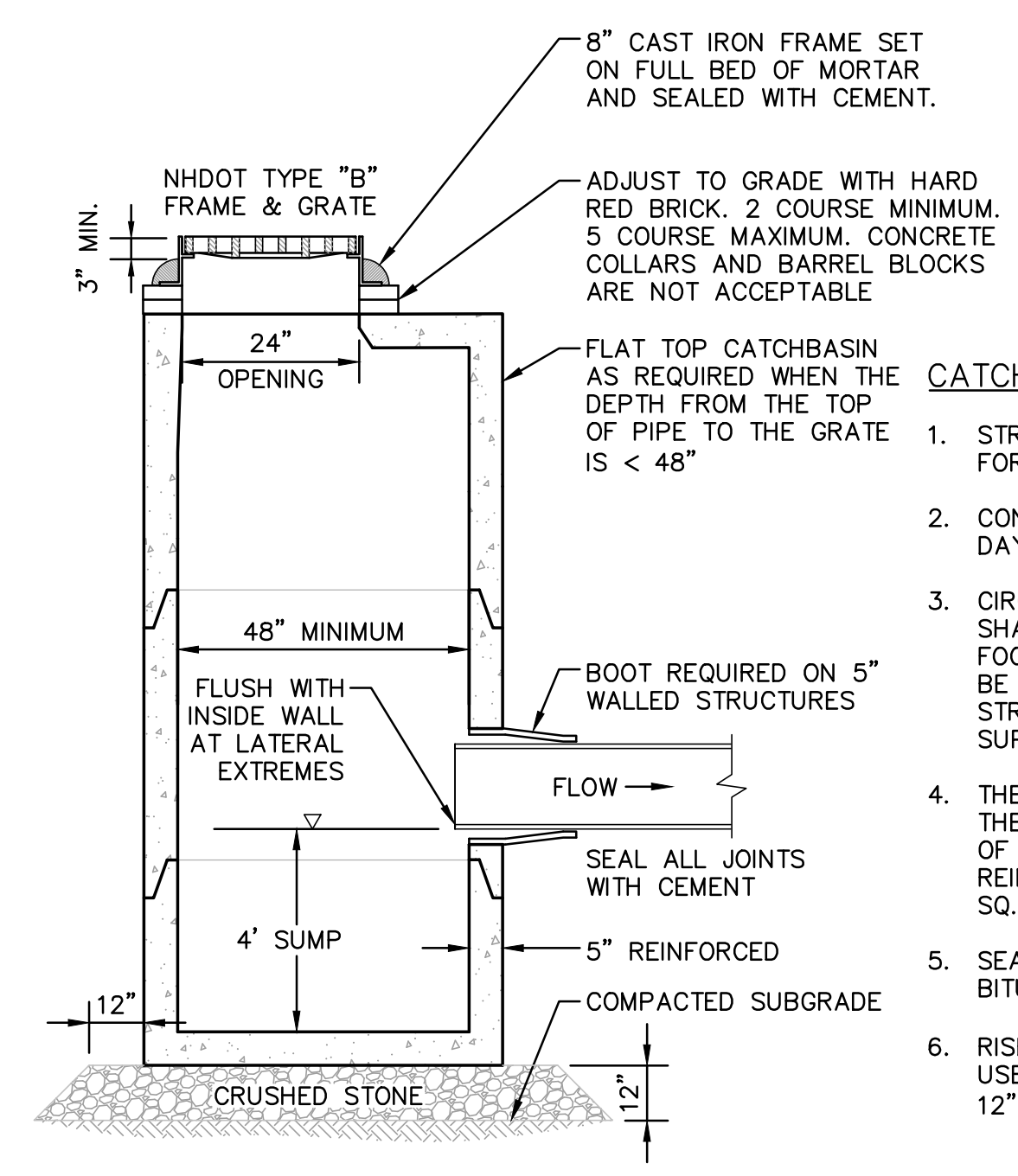
6 CONCRETE HEADWALL DETAIL
SCALE: NONE



PAD NOTE:

1. ABOVE GRADE DUGOUT STRUCTURE TO BE DESIGNED AND COMPLETED BY OTHERS.
2. REFER TO SITE PLAN FOR PAD DIMENSIONS.

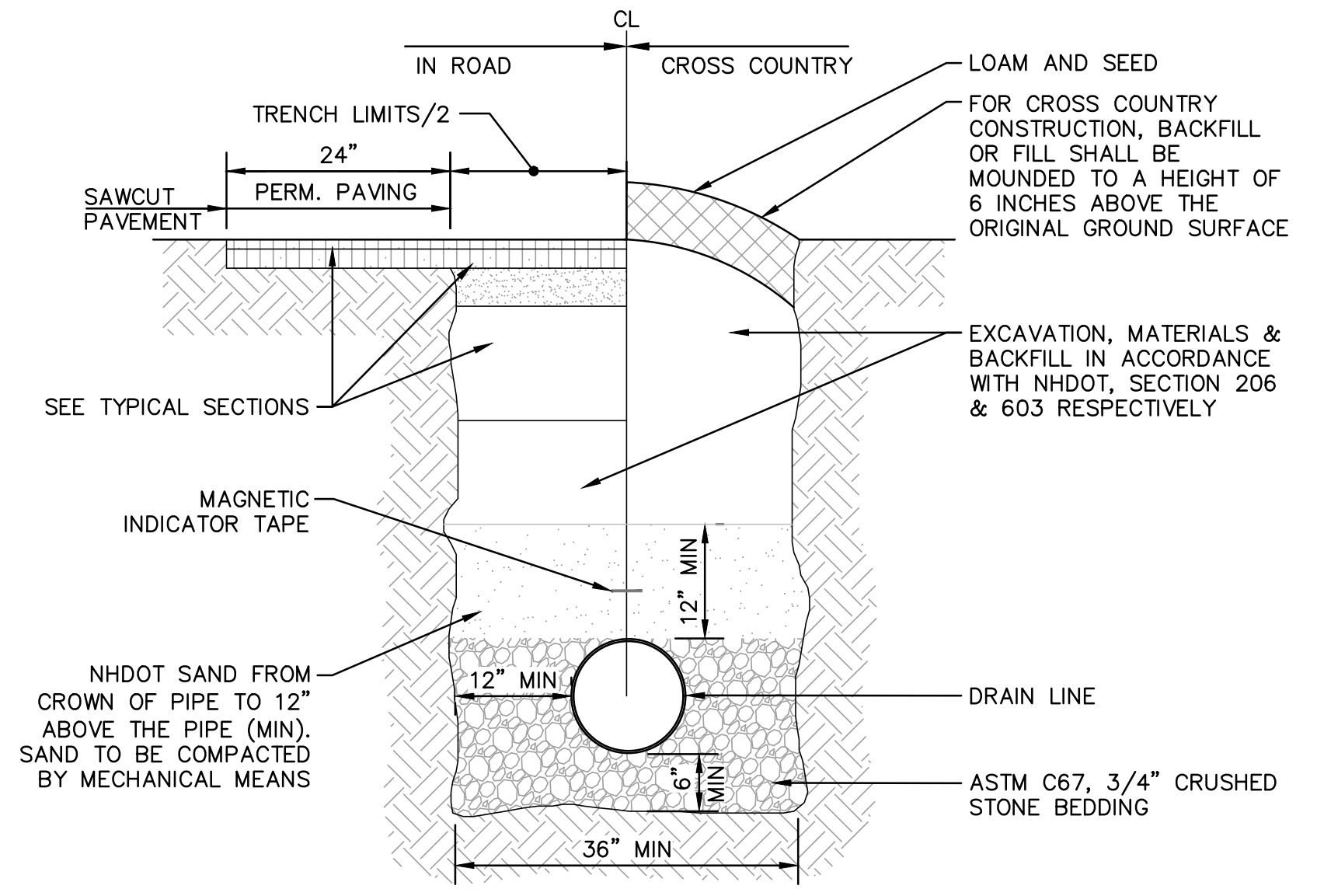
7 DUGOUT SLAB DETAIL
SCALE: NONE



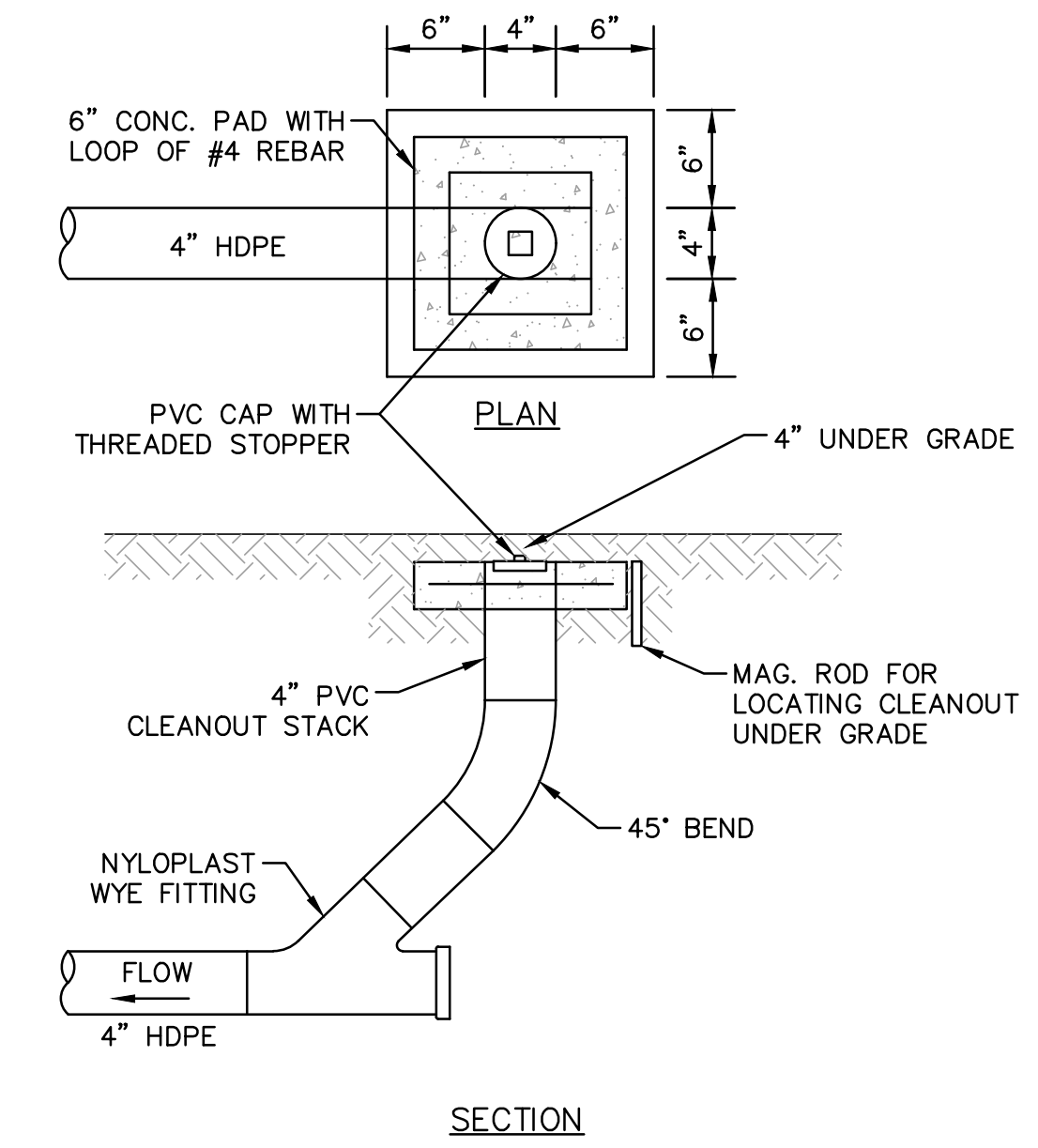
CATCH BASIN NOTES:

1. STRUCTURE SHALL BE DESIGNED FOR H-20 LOADING.
2. CONCRETE: 4,000 PSI AFTER 28 DAYS.
3. CIRCUMFERENTIAL REINFORCEMENT SHALL BE 0.12 SQ.IN. PER LINEAR FOOT IN ALL SECTIONS AND SHALL BE IN THE CENTER OF THE WALL. STRUCTURE SHALL BE DESIGNED TO SUPPORT H-20 LOADINGS.
4. THE TONGUE OR THE GROOVE OF THE JOINT SHALL CONTAIN ONE LINE OF CIRCUMFERENTIAL REINFORCEMENT EQUAL TO 0.12 SQ.IN. PER LINEAR FOOT.
5. SEAL ALL PRECAST JOINTS WITH BITUMASTIC SEAL.
6. RISERS OF 2\", 3\" AND 4\" CAN BE USED TO REACH DESIRED DEPTH. 12\" MAXIMUM RISER HEIGHT.

8 TYPICAL CATCH BASIN DETAIL
SCALE: NONE



9 DRAIN TRENCH DETAIL
SCALE: NONE



10 UNDERDRAIN CLEANOUT DETAIL
SCALE: NONE

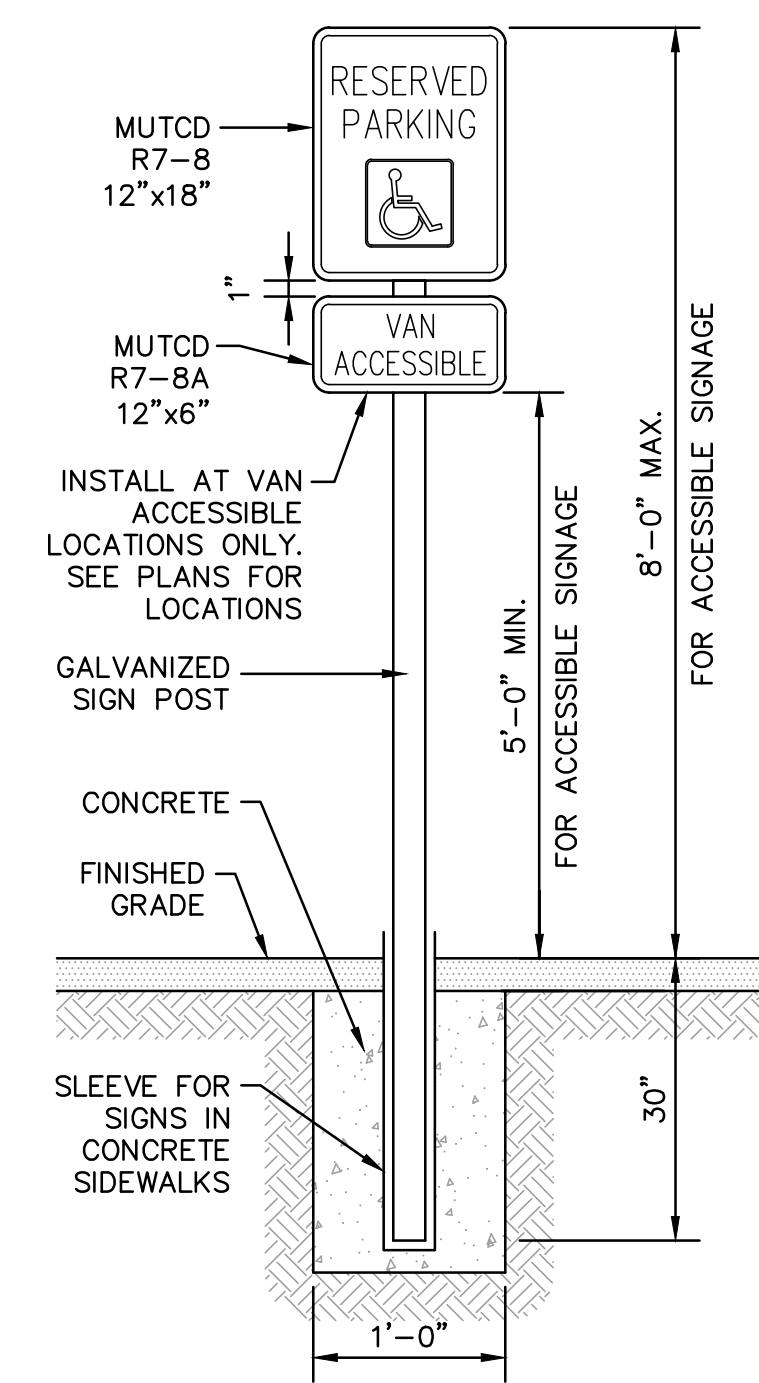
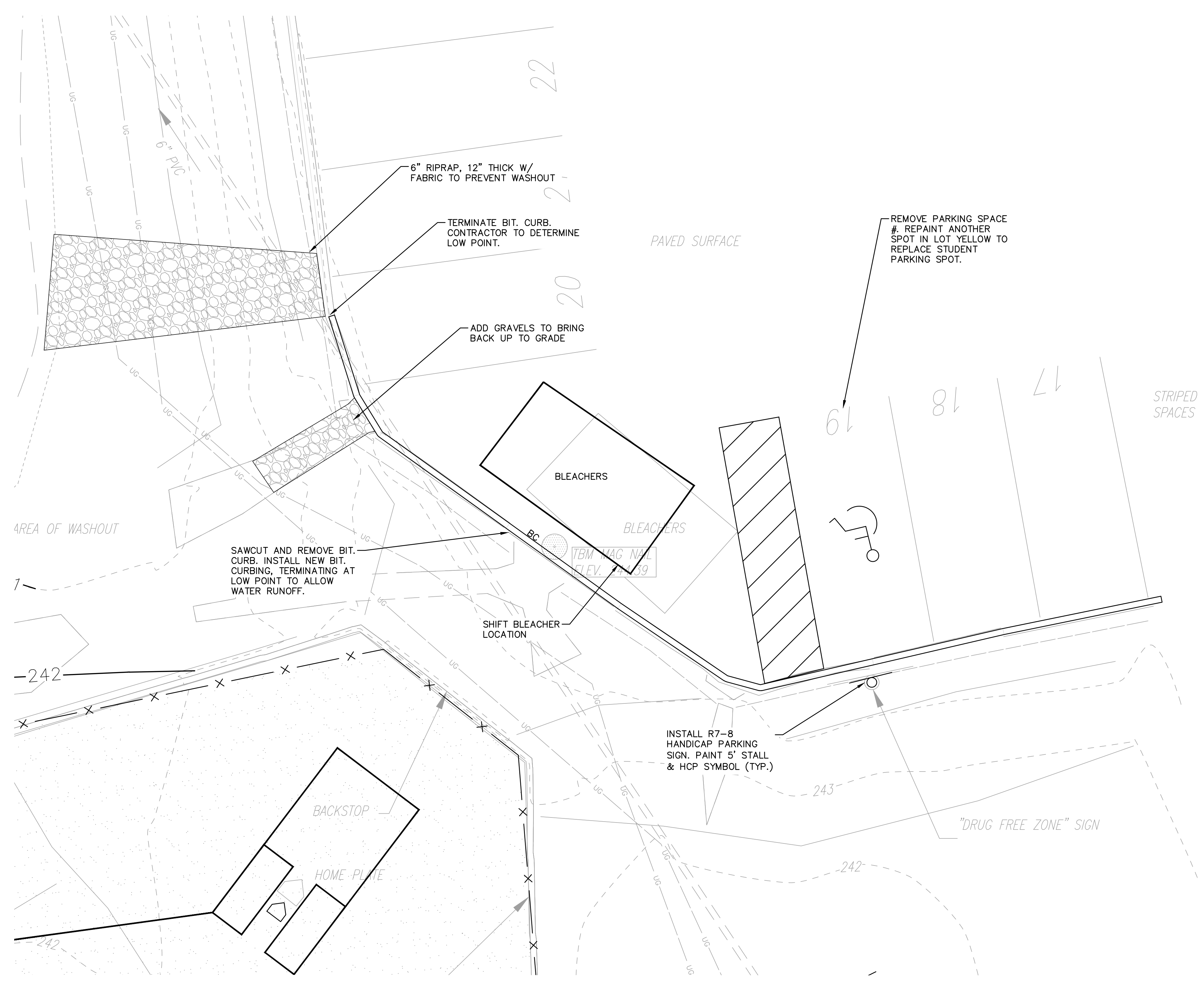
NOT FOR CONSTRUCTION

NO.	REVISION DESCRIPTION	DATE
1	ISSUED FOR REVIEW	07/17/23
2	100% DESIGN PLAN SUBMITTAL	07/28/23
3	60% PLANS - ISSUED FOR REVIEW	07/17/23

DESIGNED BY: WRD/JCH
DRAWN BY: JCH
CHECKED BY: WRD

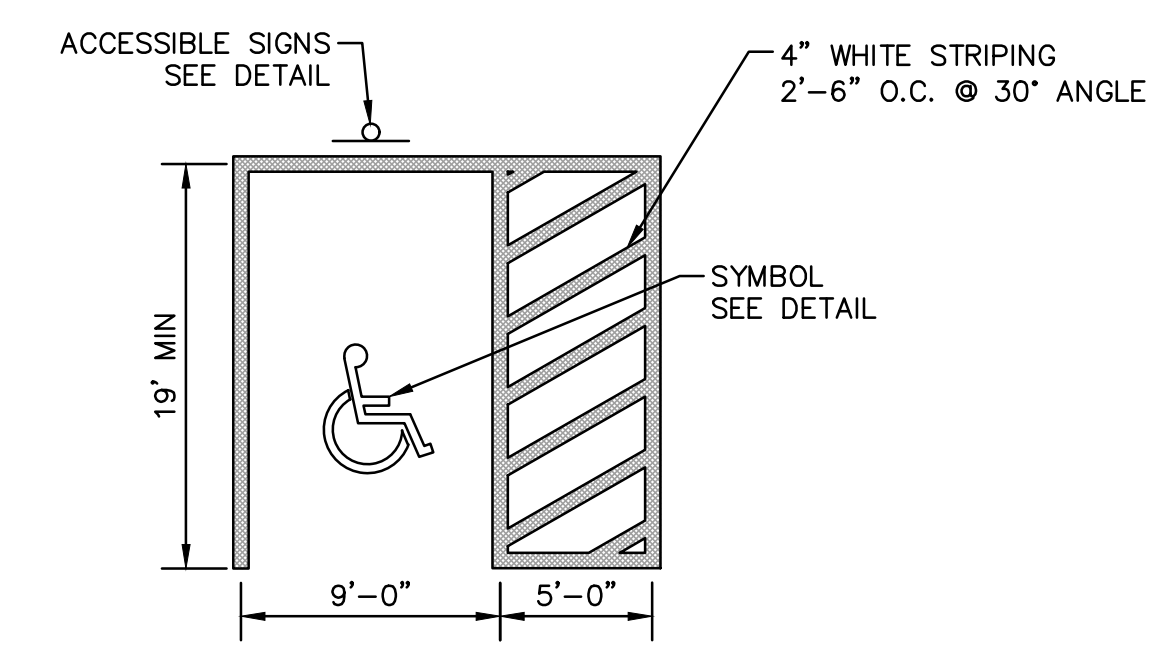
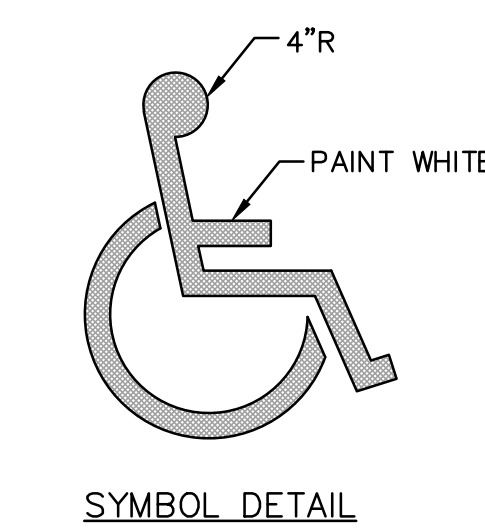
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 20 COUNTY ROAD
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- SIGN NOTES:**
1. ALL SIGNAGE SHALL BE IN CONFORMANCE WITH THE CURRENT EDITION OF THE M.U.T.C.D.
 2. ACCESSIBLE PARKING SIGN TO BE INSTALLED AT HEAD OF ALL DESIGNATED PARKING SPACES.
 3. SIGNS IN CONCRETE AREAS SHALL BE INSTALLED WITH AN ANCHOR SLEEVE.
 4. REFER TO SITE PLANS FOR TYPE OF SIGN AND SIGN INSTALLATION LOCATIONS.

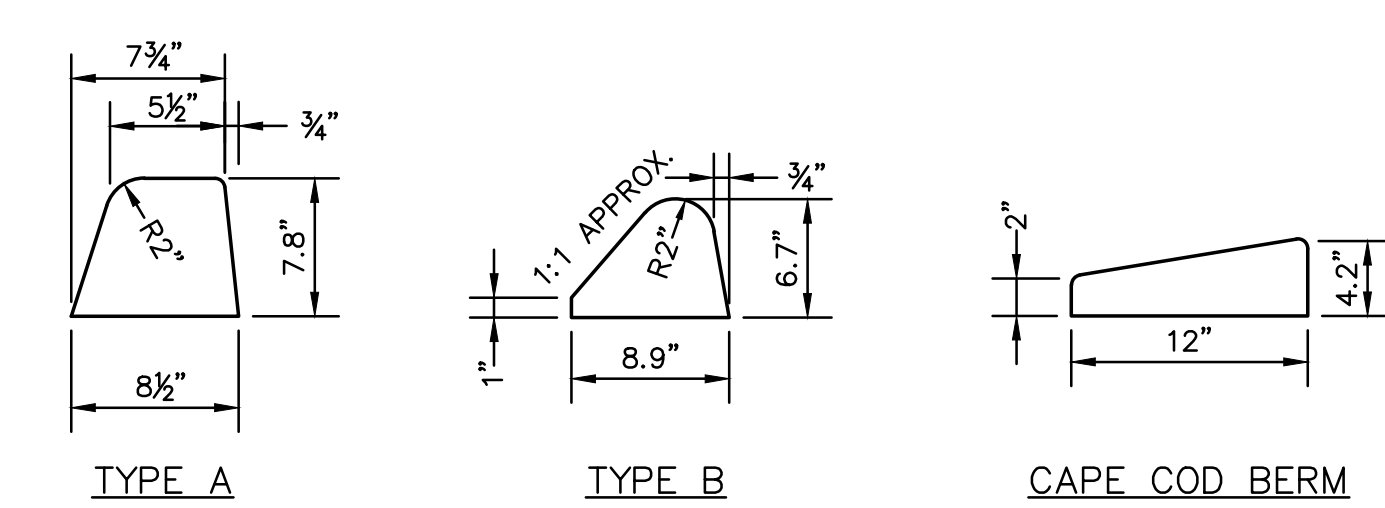
5 TYPICAL SIGN MOUNTING DETAILS
SCALE: NONE



- STALL LAYOUT NOTES:**
1. ACCESSIBLE PARKING STALLS HAVE SLOPES LESS THAN 2% IN ALL DIRECTIONS.
 2. ALL PAVEMENT MARKINGS SHALL BE IN CONFORMANCE WITH THESE STANDARDS AND THE CURRENT EDITION OF MUTCD.
 3. WIDTH OF LINES SHALL VARY NO MORE THAN ± 1/4 INCH FROM THAT SPECIFIED.
 4. THE WET FILM THICKNESS OF A PAINTED LINE SHALL BE A MINIMUM OF 20 MILS THROUGHOUT THE ENTIRE WIDTH AND LENGTH OF LINE SPECIFIED. OVERSPRAY SHALL BE KEPT TO AN ABSOLUTE MINIMUM.
 5. BROKEN LINES SHALL BEGIN AND END WITH THE NEAREST FULL CYCLE OF BROKEN LINE.
 6. SOLID LONGITUDINAL LINES SHALL BEGIN AND END WITHIN ± 2 INCHES OFF A LAYOUT SYMBOL INDICATING THE END OF THE LINE, OR WITH A FULL CYCLE OF BROKEN LINE (IF APPROPRIATE).

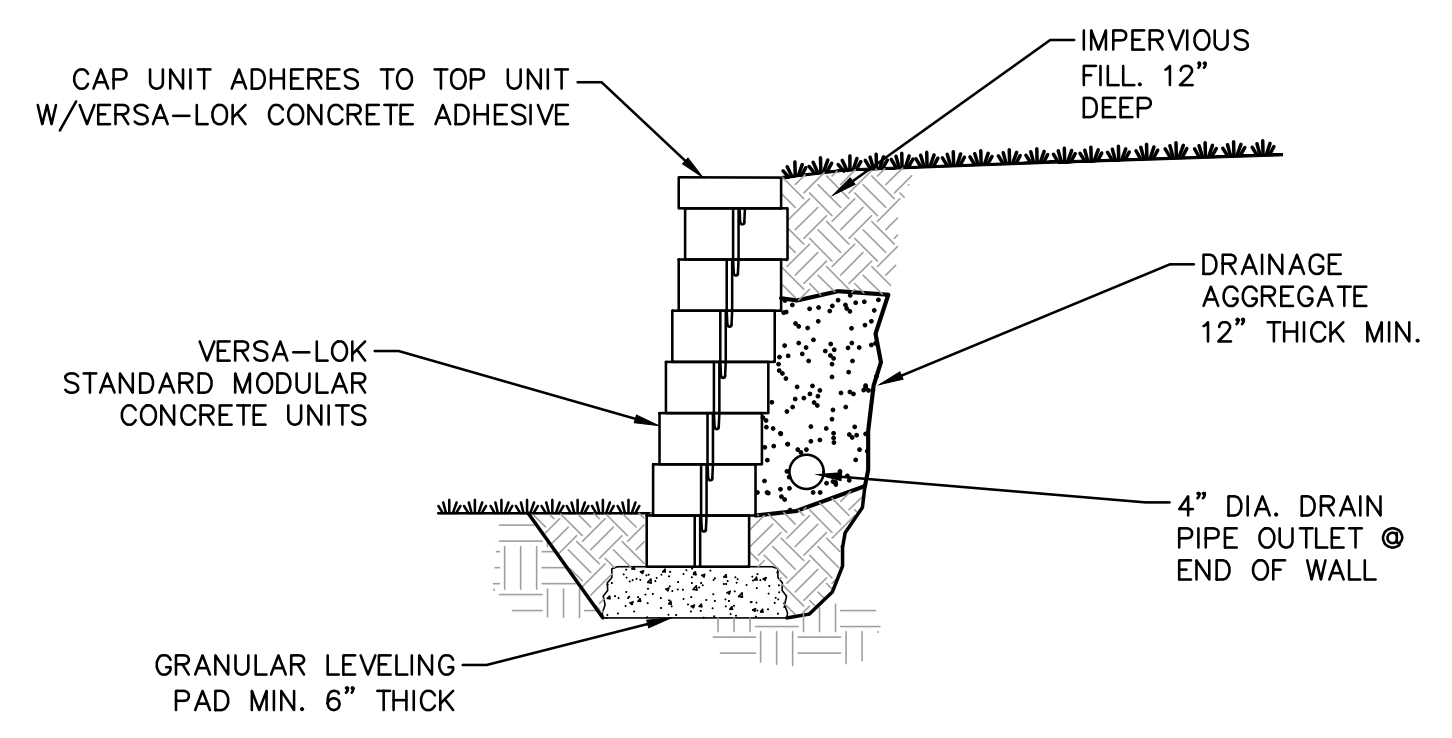
6 ACCESSIBLE PARKING STALL LAYOUT
SCALE: NONE

1 PARKING LOT CONSTRUCTION LAYOUT DETAIL
SCALE: 1"=5'

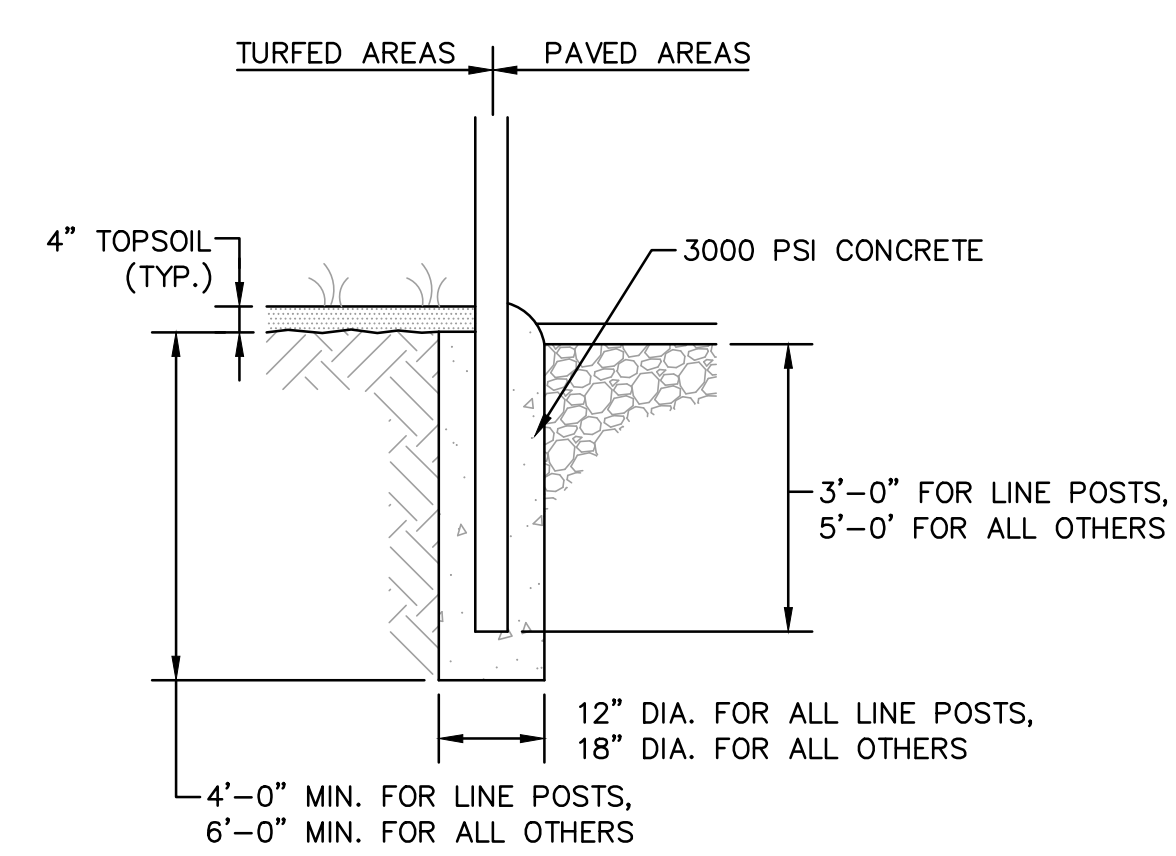


NOTE:
1. MATCH CURB TYPE TO EXISTING CURB AS CLOSELY AS POSSIBLE.

2 TYPICAL BITUMINOUS CONCRETE CURB DETAIL
SCALE: NONE



3 VERSA-LOK RETAINING WALL DETAIL
SCALE: NONE



4 POST SETTING DETAIL
SCALE: NONE

NO.	REVISION DESCRIPTION	DATE
1	60% PLANS - ISSUED FOR REVIEW	07/17/23
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HOYLE TANNER

SCALE: AS SHOWN

DESIGNED BY: WRD/JCH
DRAWN BY: JCH
CHECKED BY: WRD

ORIGINAL DATE: JULY 17, 2023

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BEDFORD, NH 03110

PROJECT: SELVOSKI FIELD RENOVATION PROJECT
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DATE	07/17/23
REVISION DESCRIPTION	60% PLANS - ISSUED FOR REVIEW
REV.	2

100% DESIGN PLAN SUBMITTAL	07/28/23
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REV.	1
WRD	1
JCH	1

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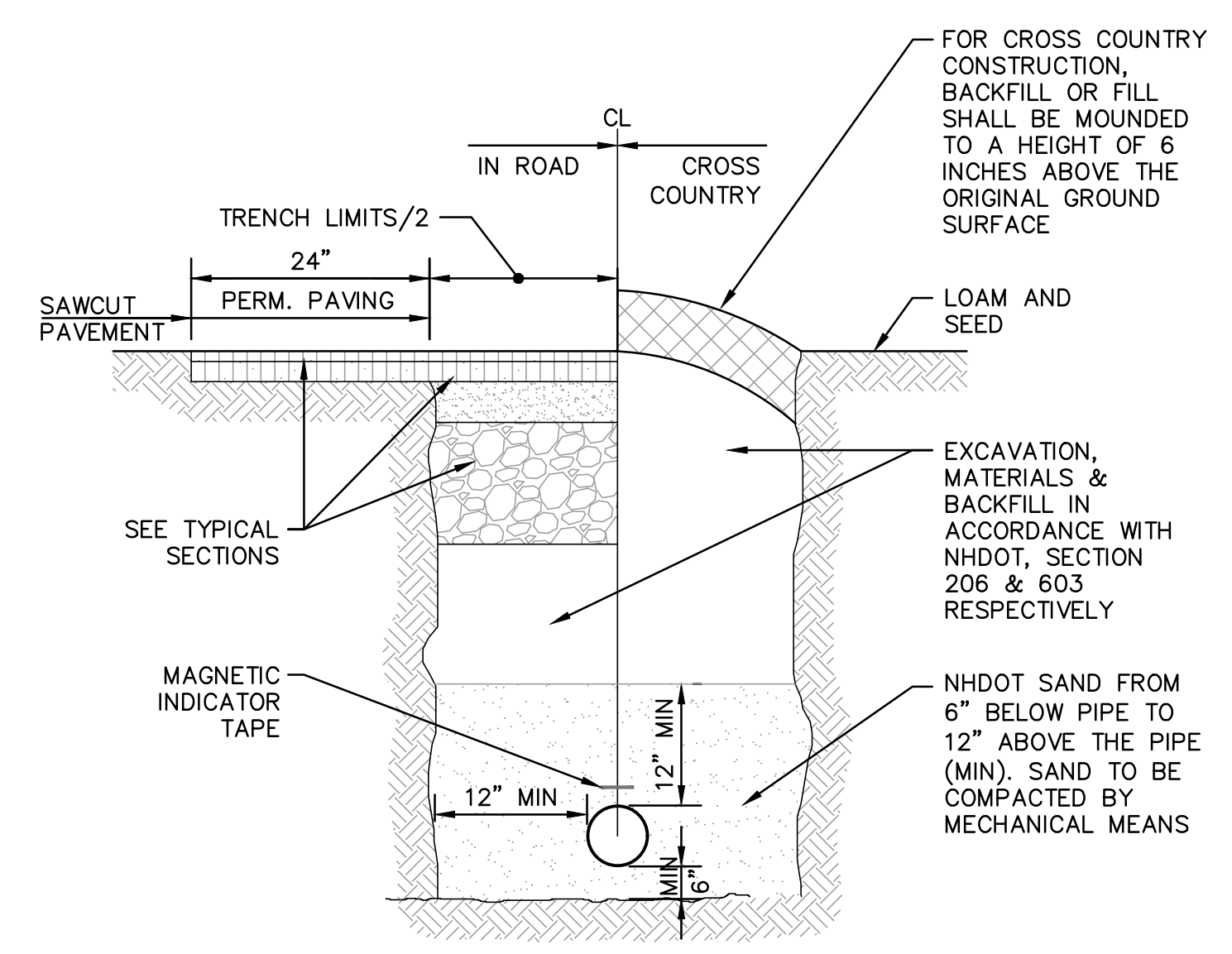
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LIGHTING DETAILS
C10
PROJECT NO. 23.015701.00
SHEET 10 OF 10



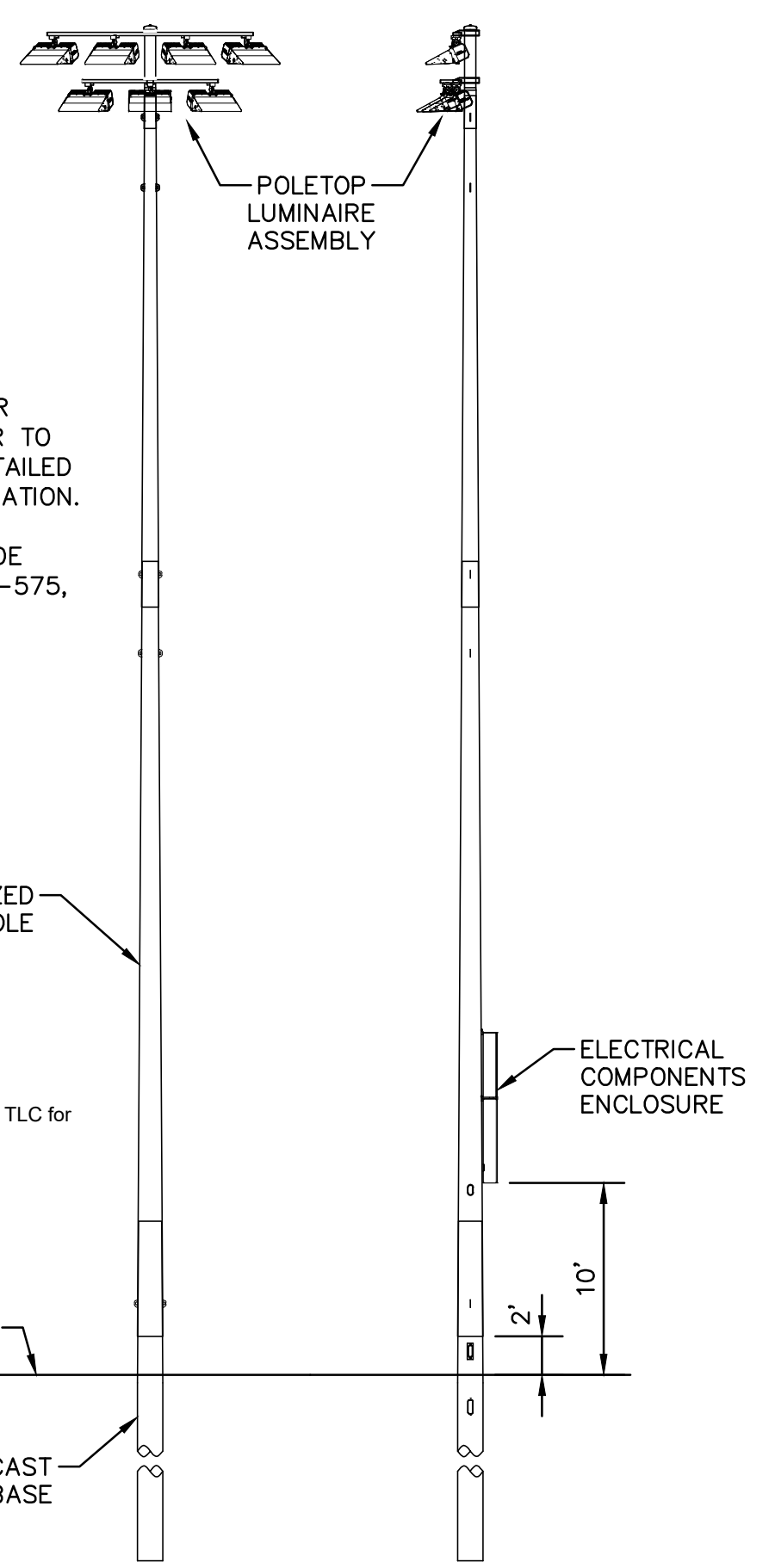
TRENCH NOTES:

1. ELECTRICAL CONDUIT SHALL BE 4" SCHEDULE 40 PVC AND SHALL CONFORM TO THE APPLICABLE SECTIONS OF NEMA TC-2-1990 AND BE UL LISTED.
2. ALL PVC CONDUIT JOINTS SHALL BE CEMENTED AND 4" PIPE SHALL HAVE A MINIMUM DEPTH OF 3'.
3. A SUITABLE PULL CABLE, CAPABLE OF 200 POUNDS OF PULL, MUST BE INSTALLED IN THE ELECTRICAL CONDUIT.
4. COORDINATE SIZE OF CONDUIT WITH OWNER. CONTRACTOR TO INSTALL HOMERUNS TO EACH EXISTING AND PROPOSED POLE LOCATION.
5. DEPTH OF CONDUIT SHALL BE 36" TO INVERT.
6. CONTRACTOR TO USE EXTREME CAUTION WHEN EXCAVATING.

MUSCO CONTACT:
ALAN GRADY
207-604-8748
ALAN.GRADY@MUSCO.COM

1 ELECTRICAL TRENCH DETAIL

SCALE: NONE



NOTE:

1. POLE DETAIL SHOWN FOR REFERENCE ONLY. REFER TO SPECIFICATIONS FOR DETAILED LIGHTING DESIGN INFORMATION.
2. LUMINAIRE TYPES INCLUDE TLC-LED-1200, TLC-BT-575, TLC-LED-900
3. 60FT POLES USED NEAR INFIELD, 70FT POLES IN OUTFIELD.

NOTE:

1. CONTRACTOR TO COORDINATE ALL WORK WITH MUSCO LIGHTING.
CONTACT:
ALAN GRADY
207-604-8748
ALAN.GRADY@MUSCO.COM

2 POLE CONFIGURATION DETAIL

SCALE: NONE



ELECTRICAL NOTE:

1. ELECTRICAL AND MUSCO LIGHTING DESIGN TO BE COMPLETED BY OTHERS, CONDUIT RUNS ARE SHOWN CONCEPTUALLY.

3 SCHEMATIC ELECTRICAL UTILITY CONNECTION

SCALE: NONE