

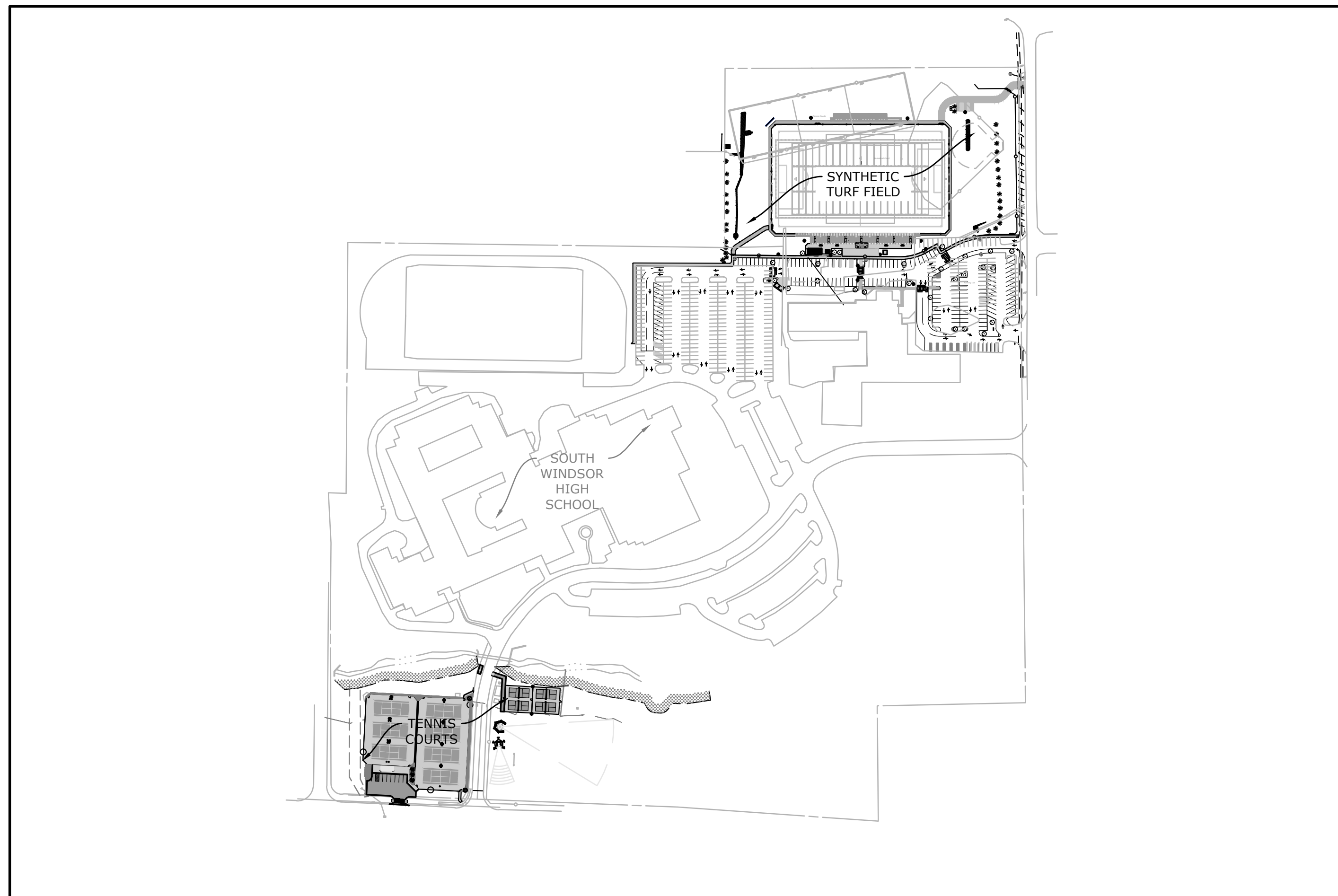
LOCATION MAP
SCALE: 1"=1000'

SOUTH WINDSOR HIGH SCHOOL SYNTHETIC TURF FIELD AND TENNIS COURT DEVELOPMENT

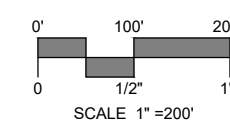
161 NEVERS ROAD
SOUTH WINDSOR, CONNECTICUT

DECEMBER 15, 2023
JANUARY 22, 2024

REVISED: MARCH 4, 2024



PROJECT VICINITY MAP:



PREPARED BY:



CEH ENGINEERING AND CONSULTING
580 SHEPARD AVENUE
HAMDEN, CT 06514
chris.hulk@yahoo.com, 203-676-4445

GENERAL CONTRACTOR:



903 N OPDYKE ROAD SUITE A1
AUBURN HILLS, MI 482326
248-977-4388

NOTES

1. ALL INFORMATION SHOWN IS BASED ON TOPOGRAPHIC AND PLANIMETRIC SURVEY CONDUCTED BY DIMARZO & BERECKZY, INC. AND INFORMATION SHOWN BEYOND THE LIMITS OF THIS MAP IS BASED ON AVAILABLE MAPPING AND SHOULD BE CONSIDERED APPROXIMATE.
2. CONSTRUCTION SHALL CONFORM TO TOWN OF SOUTH WINDSOR REQUIREMENTS.
3. ALL FINAL LOCATIONS OF INSTALLED MATERIALS ARE TO BE FIELD VERIFIED.
4. EXISTING UTILITY INFORMATION IS BEEN BASED UPON AVAILABLE INFORMATION AND MAY BE INCOMPLETE. ALL UTILITIES SHOWN SHOULD BE CONSIDERED APPROXIMATE.
5. CALL "CALL BEFORE YOU DIG", SHALL BE NOTIFIED PRIOR TO CONSTRUCTION. ANY DISCREPANCIES BETWEEN PLAN INFORMATION AND MARKED UTILITIES SHALL BE DOCUMENTED AND BROUGHT TO THE ENGINEERS ATTENTION.
6. ALL DISTURBED AREAS SHALL BE RESTORED TO PRE-CONSTRUCTION CONDITIONS. SITE IS TO BE PHOTO DOCUMENTED BY CONTRACTOR AND OWNER PRIOR TO CONSTRUCTION.
7. ALL PROPOSED CONTOURS AND SPOT ELEVATIONS INDICATE FINISHED GRADE. FINISHED GRADE FOR SYNTHETIC TURF SHALL BE THE TOP OF THE INFILL.
8. THE PLANS REQUIRE A CONTRACTOR'S WORKING KNOWLEDGE OF LOCAL, MUNICIPAL, WATER AUTHORITY, AND STATE CODES.
9. ALL FUEL, OIL, PAINT, OR OTHER HAZARDOUS MATERIALS USED DURING CONSTRUCTION SHOULD BE STORED IN A SECONDARY CONTAINER AND/OR REMOVED TO A LOCKED ENCLOSED AREA WITH AN IMPERVIOUS FLOOR DURING NON-WORK HOURS.
10. THE CONTRACTOR SHALL MAINTAIN SEDIMENTATION CONTROLS AND REPAIR AS NECESSARY UNTIL ALL CONSTRUCTION IS COMPLETED AND ALL DISTURBED AREAS ARE PERMANENTLY STABILIZED.
11. ALL DIMENSIONS AND ELEVATIONS SHALL BE VERIFIED IN THE FIELD PRIOR TO CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.

CONSTRUCTION SEQUENCE

1. SITE CONTRACTOR TO STAKE OUT LIMIT OF DISTURBANCE AND VEGETATION TO BE RETAINED. NO DISTURBANCE IS TO TAKE PLACE BEYOND THE LIMITS OF WORK SHOWN.
2. CONTRACTOR TO INSTALL SEDIMENT AND EROSION CONTROLS ALONG THE PERIMETER, AND STABILIZED CONSTRUCTION ENTRANCES.
3. INSTALL INLET PROTECTION IN ALL ADJACENT STORM DRAINAGE STRUCTURES.
4. INITIATE MASS EARTHWORK OPERATIONS AFTER ALL STRAW WATTLES ARE INSTALLED. CLEAR AND GRUB SITE AND STOCKPILE TOPSOIL AND OTHER EARTHEN MATERIALS. TRANSPORT MATERIALS TO LOCATION SPECIFIED BY OWNER.
5. INSTALL PERIMETER STORM DRAINAGE COLLECTOR PIPE AND PERIMETER FENCING
6. GRADE FIELD SUBGRADE AND INSTALL GEOTEXTILE FABRIC AND UNDERDRAINAGE.
7. INSTALL DYNAMIC DRAINAGE STONE.
8. INSTALL SYNTHETIC TURF.
9. TOPSOIL AND SEED ANY DISTURBED AREAS.
 - 9.1. AREAS TO BE SEEDED UPON INSTALLATION OF TOPSOIL. ADDITIONAL SEEDING MAY BE REQUIRED BETWEEN MONTHS OF APRIL/MAY AND/OR SEPTEMBER.
 - 9.2. GRASS SEED BLEND OF 30% RYEGRASS, 30% KENTUCKY BLUEGRASS, 30% TALL FESCUE AT A RATE OF 10 LBS. OF SEED PER 1,000 S.F.
10. REMOVE EROSION CONTROLS ONCE SITE IS STABILIZED.

NAME	TITLE
	TITLE SHEET
KEY	KEY MAP
EX	SITE PLAN - EXISTING CONDITIONS
LA 1-2	SITE PLAN - LAYOUT AND LANDSCAPING
GR 1-2	SITE PLAN - GRADING AND UTILITIES
D-1 - D-4	SITE DETAILS
LPTS	LIMITED PROPERTY & TOPOGRAPHIC SURVEY (UNDER SEPARATE COVER)

OWNER:

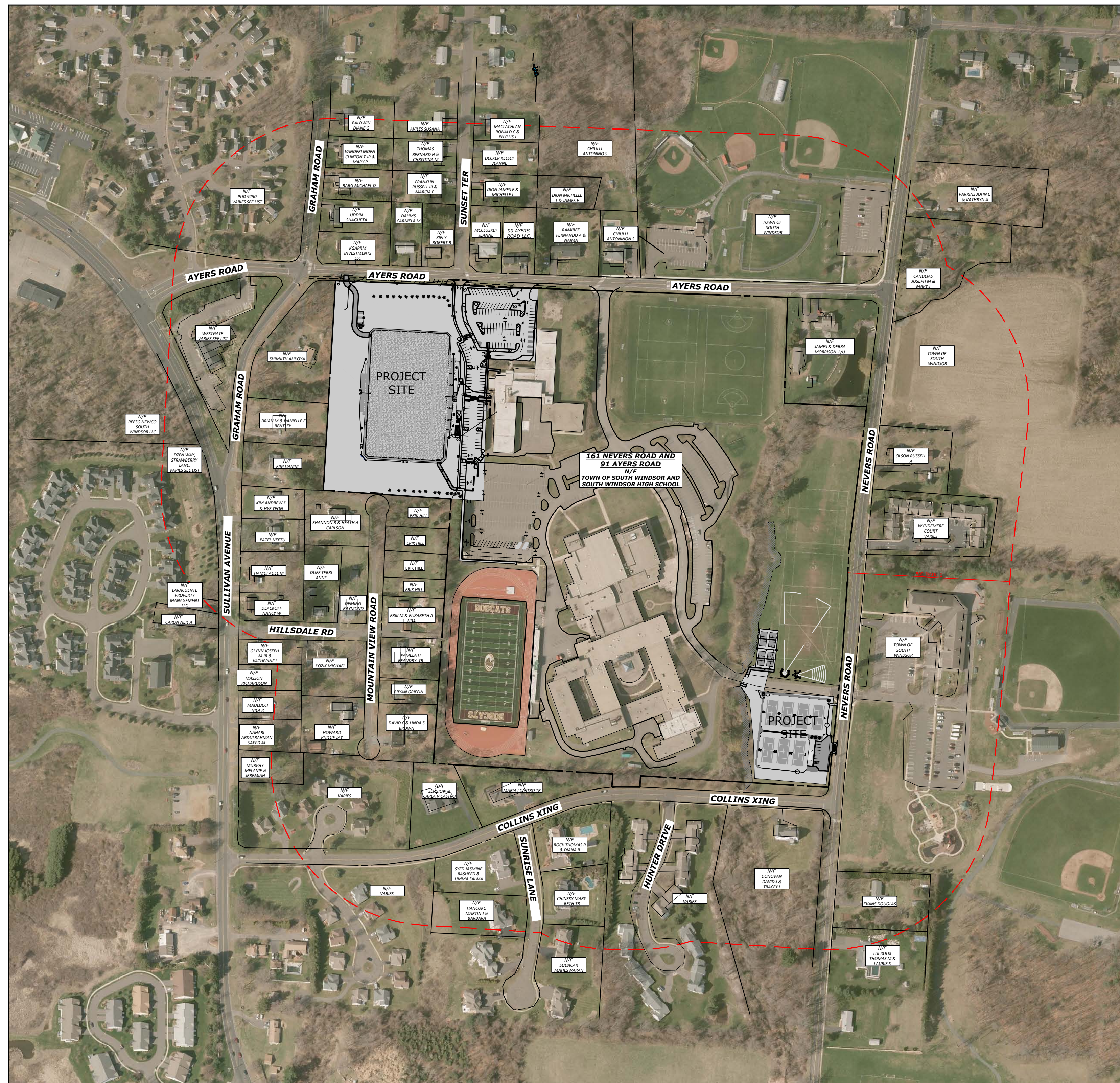
TOWN OF SOUTH WINDSOR
1540 SULLIVAN AVENUE
SOUTH WINDSOR, CONNECTICUT 06074

APPLICANT

SOUTH WINDSOR PUBLIC SCHOOLS
1737 MAIN STREET
SOUTH WINDSOR, CONNECTICUT 06074



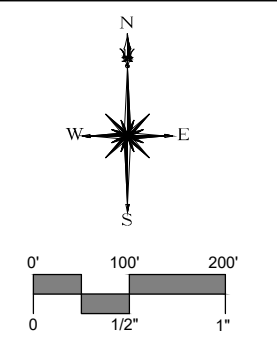
Know what's below.
Call before you dig.
www.cbyd.com



KEY MAP
SCALE: 1"=200'

ZONING DATA TABLE

ZONE: A-20										PARKING	
	LOT AREA	LOT FRONTAGE	LOT DEPTH	FRONT YARD	REAR YARD	SIDE YARD	STORIES	HEIGHT	LOT COVERAGE		
REQUIRED	20,000 S.F.	100'	150'	40'	40'	10'	2 1/2	30'	20%	1 SPACE / 250 SF GFA 82,134+ 250,645 = 332,779 332,779 / 250 = 1,332	
EXISTING	47,28 AC.	> 100'	> 150'	> 40'	> 40'	> 10'	NO CHANGE	NO CHANGE	10.6 %	547 SPACES	
PROPOSED	NO CHANGE	NO CHANGE	NO CHANGE	NO CHANGE	NO CHANGE	NO CHANGE	NO CHANGE	NO CHANGE	10.7 %	595 SPACES	



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PROPOSED SYNTHETIC TURF FIELD AND TENNIS COURT DEVELOPMENT
SOUTH WINDSOR HIGH SCHOOL
AYERS ROAD AND NEVERS ROAD
SOUTH WINDSOR, CONNECTICUT

CEH DESIGNED	JDL DRAWN
1"=200'	
MARCH 4, 2024	
KEY	

EXISTING CONDITIONS LEGEND

PROPERTY LINE	
TREE LINE	
CHAIN LINK FENCE	
EXISTING CONTOUR	
WATER LINE	
GAS LINE	
SEWER LINE	
UTILITY POLE	
TEST PIT	

EXISTING CONDITIONS NOTES

1. ALL INFORMATION SHOWN IS BASED ON AVAILABLE MAPPING AND SHOULD BE CONSIDERED APPROXIMATE.

REMOVALS LEGEND

	REMOVE AND DISPOSE OF SITE FEATURE
	ALTER EXISTING SITE FEATURE TO REMAIN
	STRIP TOPSOIL TO REMAIN ONSITE
	MILL EXISTING PAVEMENT AND STOCKPILE TO REUSE AS BASE MATERIAL ON SITE

NOTES:

ALL TOPSOIL TO BE REMAIN ON SITE.

PERCOLATION TEST RESULTS:

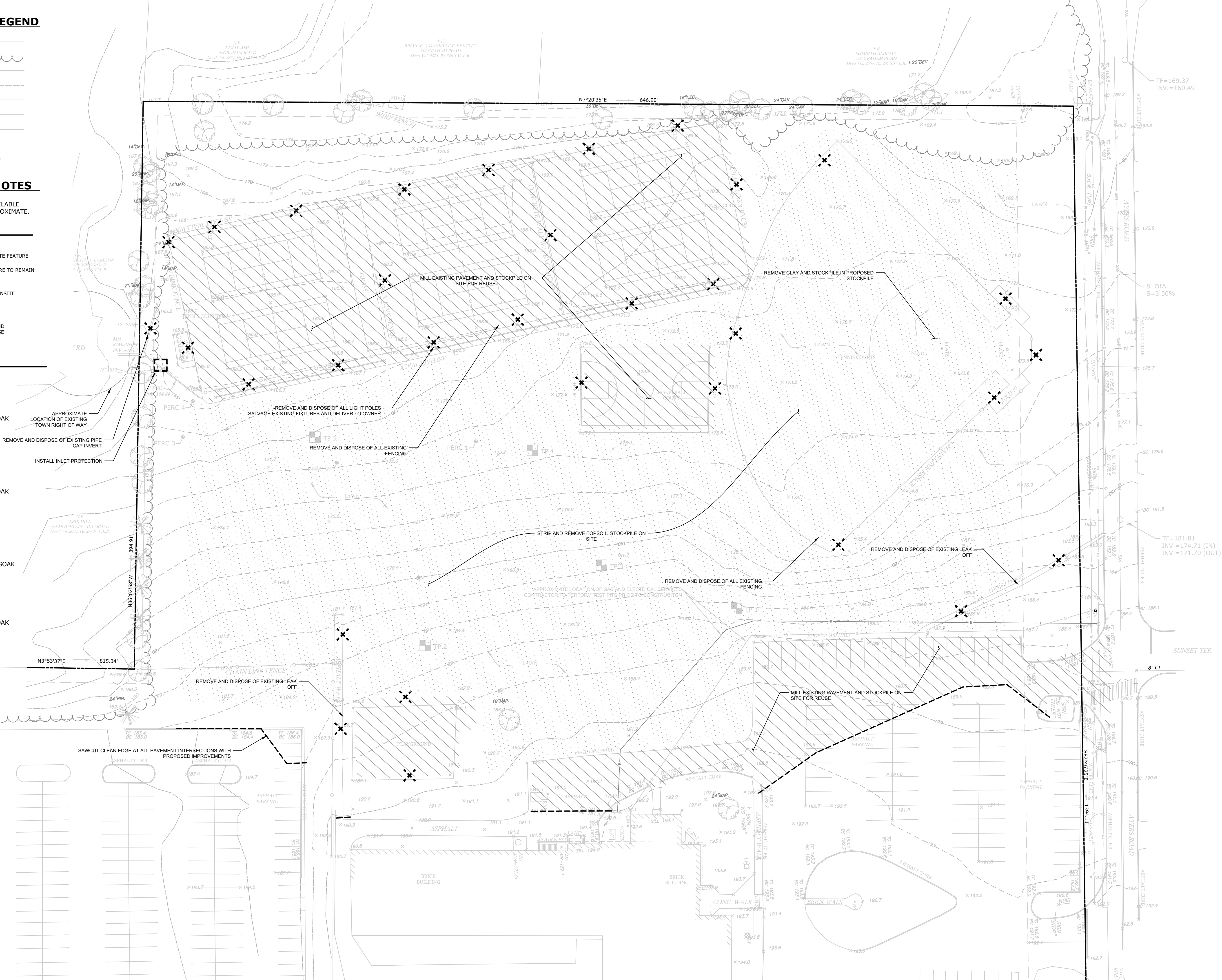
CONDUCTED MARCH 1, 2024

PERC 1: 46" DEPTH (SAND LAYER). 1 HOUR PRESOAK	
TIME	READING
09:37	22.5"
09:47	25"
09:57	27.5"
10:07	29.5"
10:17	31.5"
10:25	34"
RATE: 14.3 IN/HR	

PERC 2: 42" DEPTH (SAND LAYER). 1 HOUR PRESOAK	
TIME	READING
09:38	21"
09:48	24.5"
10:00	27"
10:08	28.5"
10:16	30"
10:23	32"
RATE: 14.6 IN/HR	

PERC 3: 66" DEPTH (SAND LAYER). 0.5 HOUR PRESOAK	
TIME	READING
09:22	48"
09:32	53"
09:42	56"
09:53	59"
RATE: 21.3 IN/HR	

PERC 4: 62" DEPTH (SAND LAYER). 1 HOUR PRESOAK	
TIME	READING
09:20	44"
09:30	47.5"
09:40	51"
09:49	54"
RATE: 20.0 IN/HR	



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FieldTurf
A Tarkett Sports Company

DESCRIPTION	DATE	BY
INWC SUBMISSION	12/29/2023	CEH
P2C SUBMISSION	1/22/2024	CEH
P & Z SUBMISSION	3/4/2024	CEH

SITE PLAN - EXISTING CONDITIONS AND REMOVALS

PROPOSED SYNTHETIC TURF FIELD AND TENNIS COURT DEVELOPMENT

SOUTH WINDSOR HIGH SCHOOL

AYERS ROAD AND NEVERS ROAD

SOUTH WINDSOR, CONNECTICUT

CEH	JDH
DESIGNED	DRAWN

1"=30'

DECEMBER 15, 2023

EX-1

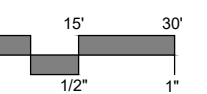
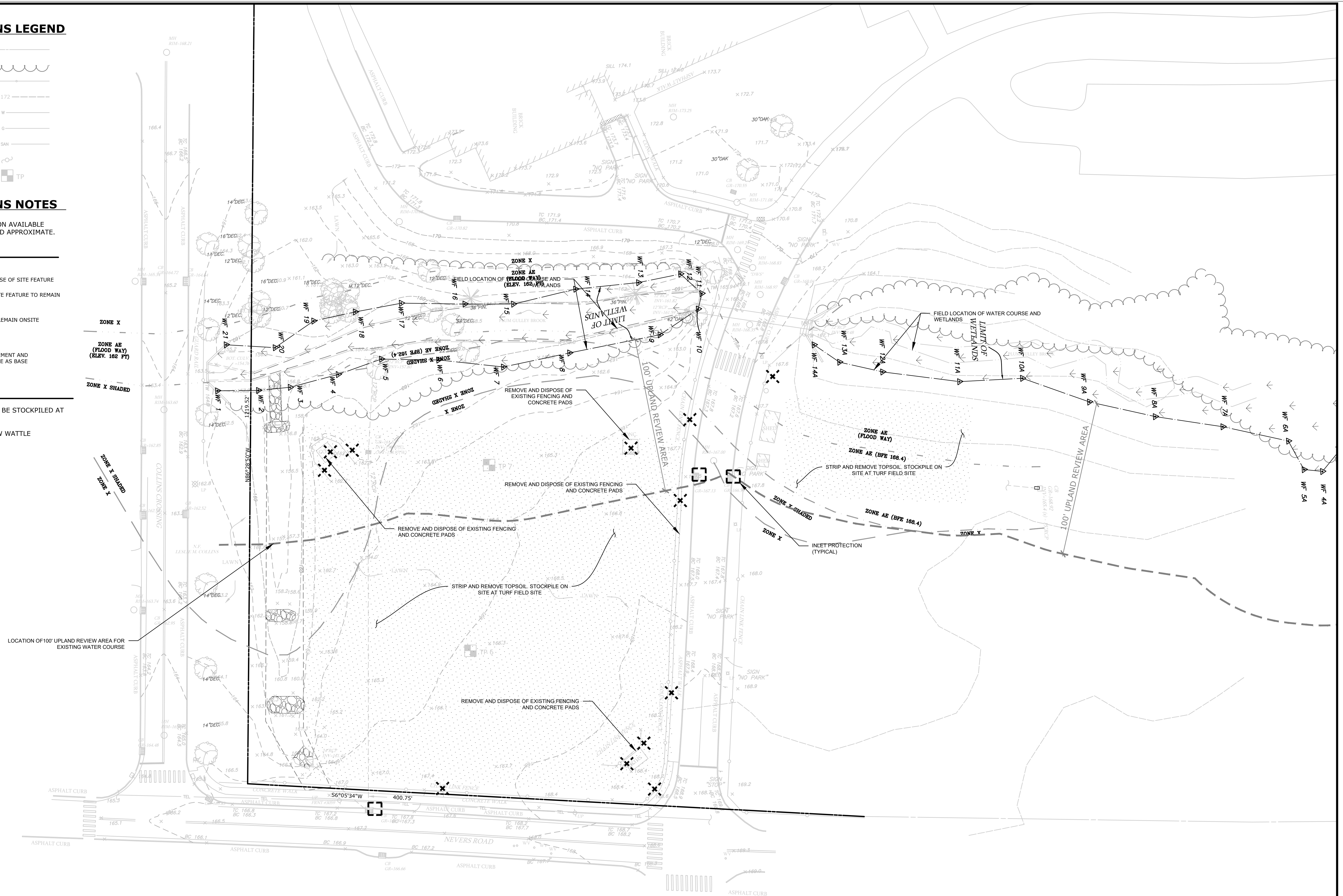
PROPERTY LINE	
TREE LINE	
CHAIN LINK FENCE	
EXISTING CONTOUR	
WATER LINE	
GAS LINE	
SEWER LINE	
UTILITY POLE	
TEST PIT	

1. ALL INFORMATION SHOWN IS BASED ON AVAILABLE MAPPING AND SHOULD BE CONSIDERED APPROXIMATE

	REMOVE AND DISPOSE OF SITE FEATURE
	ALTER EXISTING SITE FEATURE TO REMAIN
	STRIP TOPSOIL TO REMAIN ONSITE
	MILL EXISTING PAVEMENT AND STOCKPILE TO REUSE AS BASE MATERIAL ON SITE

ALL TOPSOIL TO BE REMAIN ON SITE AND BE STOCKPILED AT TURF FIELD SITE.

SEE SITE PLANS FOR LOCATION OF STRAW WATTLE
INSTALLATION



IWMC SUBMISSION REVISIONS	12/28/2023	CEH
PZC SUBMISSION	1/22/2024	CEH

**PROPOSED SYNTHETIC TURF FIELD AND TENNIS COURT DEVELOPMENT
SOUTH WINDSOR HIGH SCHOOL**

**WATERS ROAD AND NEVERS ROAD
SOUTH WINDSOR, CONNECTICUT**

CEH	JDH
DESIGNED	DRAWN
1"=30'	
DECEMBER 15, 2023	

EX-2

1. ALL INFORMATION SHOWN IS BASED ON AVAILABLE MAPPING AND SHOULD BE CONSIDERED APPROXIMATE

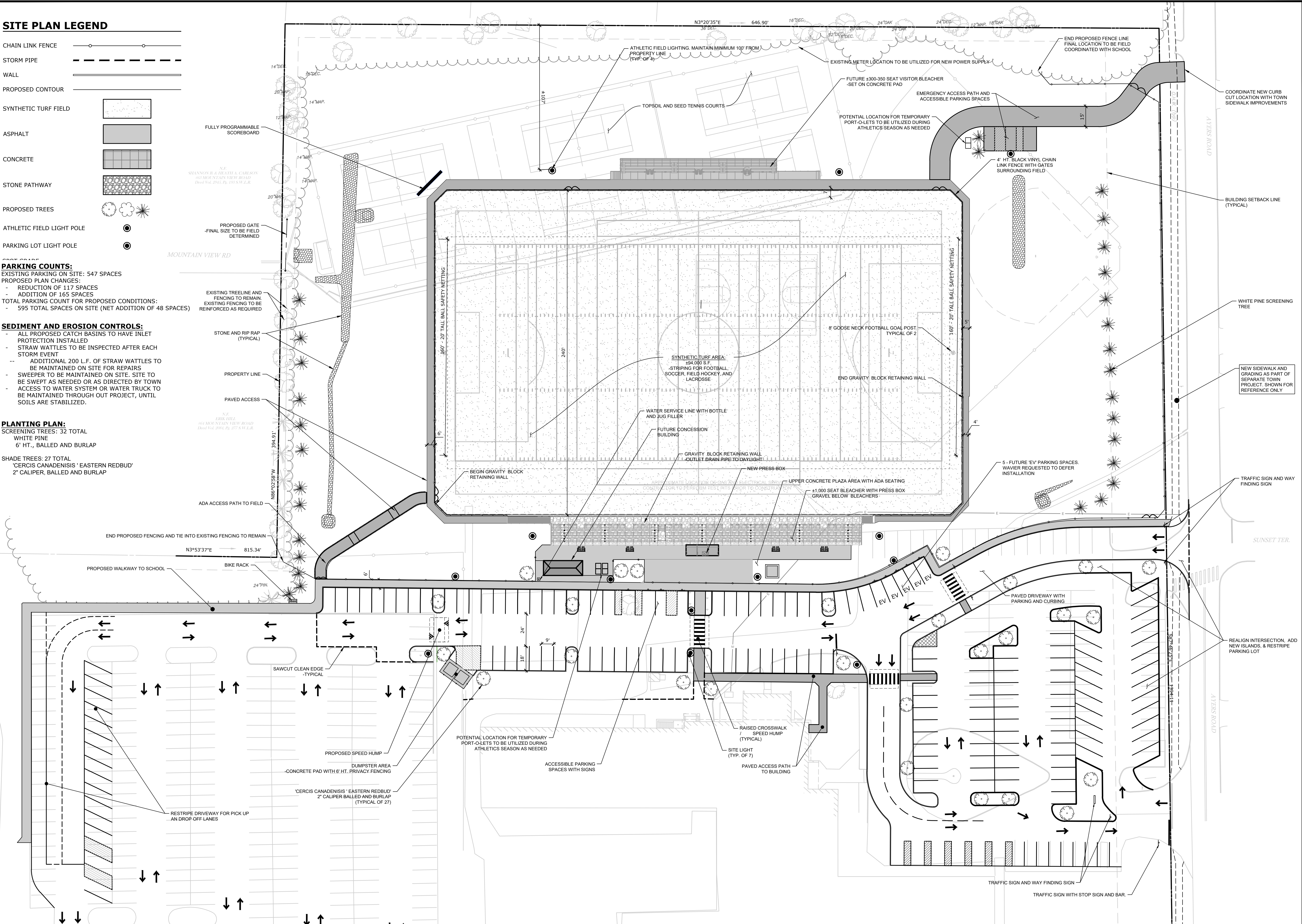
SITE PLAN LEGEND

- CHAIN LINK FENCE
- STORM PIPE
- WALL
- PROPOSED CONTOUR
- SYNTHETIC TURF FIELD
- ASPHALT
- CONCRETE
- STONE PATHWAY
- PROPOSED TREES
- ATHLETIC FIELD LIGHT POLE
- PARKING LOT LIGHT POLE

PARKING COUNTS:
EXISTING PARKING ON SITE: 547 SPACES
PROPOSED PLAN CHANGES:
- REDUCTION OF 117 SPACES
- ADDITION OF 165 SPACES
TOTAL PARKING COUNT FOR PROPOSED CONDITIONS:
- 595 TOTAL SPACES ON SITE (NET ADDITION OF 48 SPACES)

SEDIMENT AND EROSION CONTROLS:
- ALL PROPOSED CATCH BASINS TO HAVE INLET PROTECTION INSTALLED
- STRAW WATTLES TO BE INSPECTED AFTER EACH STORM EVENT
- ADDITIONAL 200 L.F. OF STRAW WATTLES TO BE MAINTAINED ON SITE FOR REPAIRS
- SWEEPER TO BE MAINTAINED ON SITE. SITE TO BE SWEEP AS NEEDED OR AS DIRECTED BY TOWN
- ACCESS TO WATER SYSTEM OR WATER TRUCK TO BE MAINTAINED THROUGH OUT PROJECT, UNTIL SOILS ARE STABILIZED.

PLANTING PLAN:
SCREENING TREES: 32 TOTAL
WHITE PINE
6' HT., BALLED AND BURLAP
SHADE TREES: 27 TOTAL
'CERCIS CANADENSIS' 'EASTERN REDBUD'
2" CALIPER, BALLED AND BURLAP



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DESCRIPTION	DATE	BY
INWC SUBMISSION	12/29/2023	CEH
P2C SUBMISSION	1/22/2024	CEH
P & Z SUBMISSION	3/4/2024	CEH

SITE PLAN - LAYOUT AND LANDSCAPING

PROPOSED SYNTHETIC TURF FIELD AND TENNIS COURT DEVELOPMENT

SOUTH WINDSOR HIGH SCHOOL

AYERS ROAD AND NEVERS ROAD

SOUTH WINDSOR, CONNECTICUT

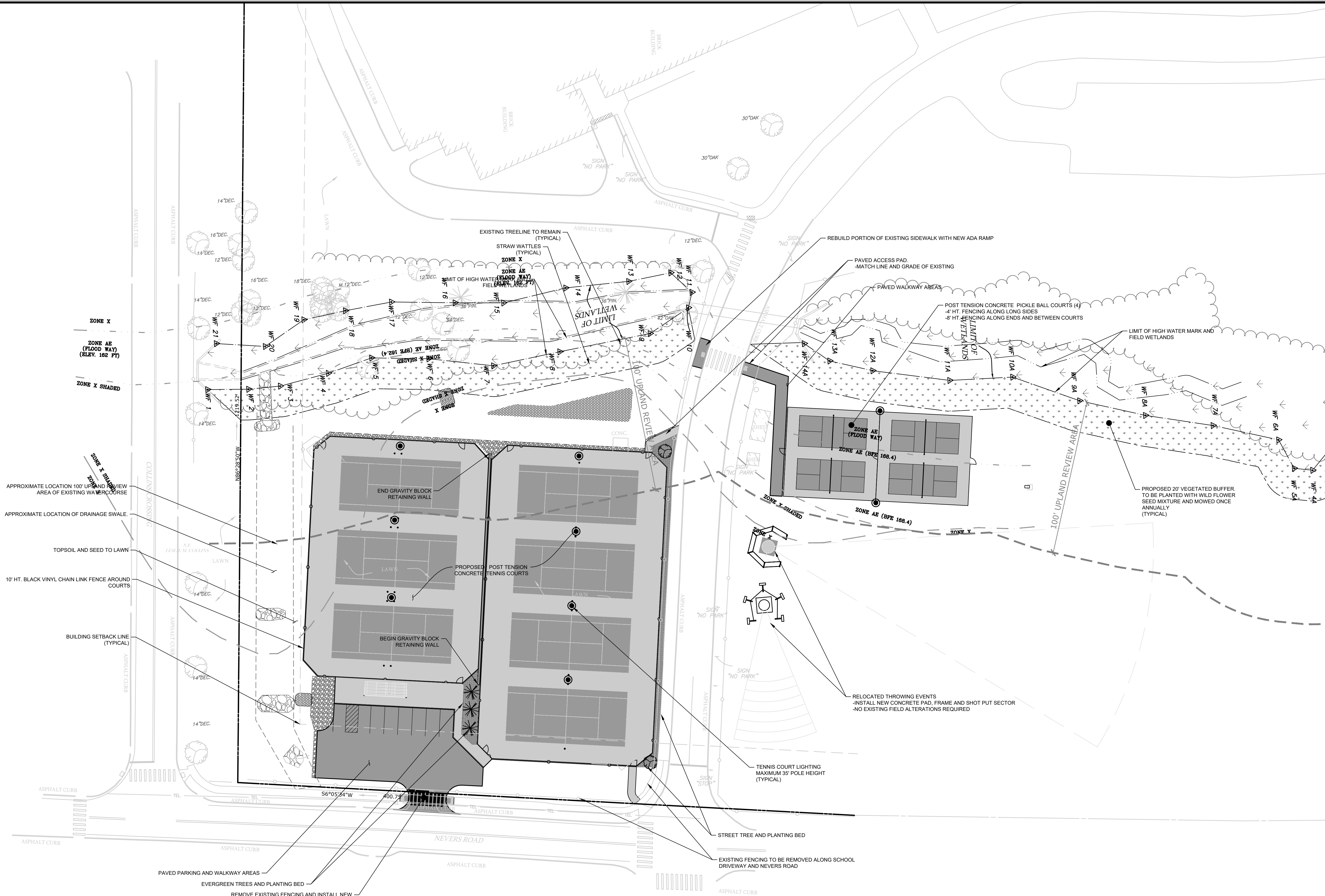
CEH DESIGNED

JDH DRAWN

1"=30'

DECEMBER 15, 2023

LA-1



APPROXIMATE LOCATION 100' UPLAND REVIEW AREA OF EXISTING WATERCOURSE

APPROXIMATE LOCATION OF DRAINAGE SWALE

TOPSOIL AND SEED TO LAWN

10' HT. BLACK VINYL CHAIN LINK FENCE AROUND COURTS

BUILDING SETBACK LINE (TYPICAL)

- SEDIMENT AND EROSION CONTROLS:**
- ALL PROPOSED CATCH BASINS TO HAVE INLET PROTECTION INSTALLED
 - STRAW WATTLES TO BE INSPECTED AFTER EACH STORM EVENT
 - ADDITIONAL 200 L.F. OF STRAW WATTLES TO BE MAINTAINED ON SITE FOR REPAIRS
 - SWEEPER TO BE MAINTAINED ON SITE. SITE TO BE SWEEPED AS NEEDED OR AS DIRECTED BY TOWN
 - ACCESS TO WATER SYSTEM OR WATER TRUCK TO BE MAINTAINED THROUGH OUT PROJECT, UNTIL SOILS ARE STABILIZED.

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FieldTurf

A Tarkett Sports Company

DESCRIPTION	DATE	BY
IWC SUBMISSION	12/29/2023	CEH
PZC SUBMISSION	1/22/2024	CEH
P & Z SUBMISSION	3/4/2024	CEH

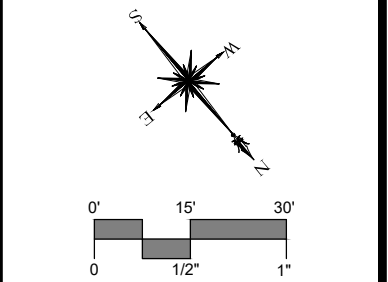
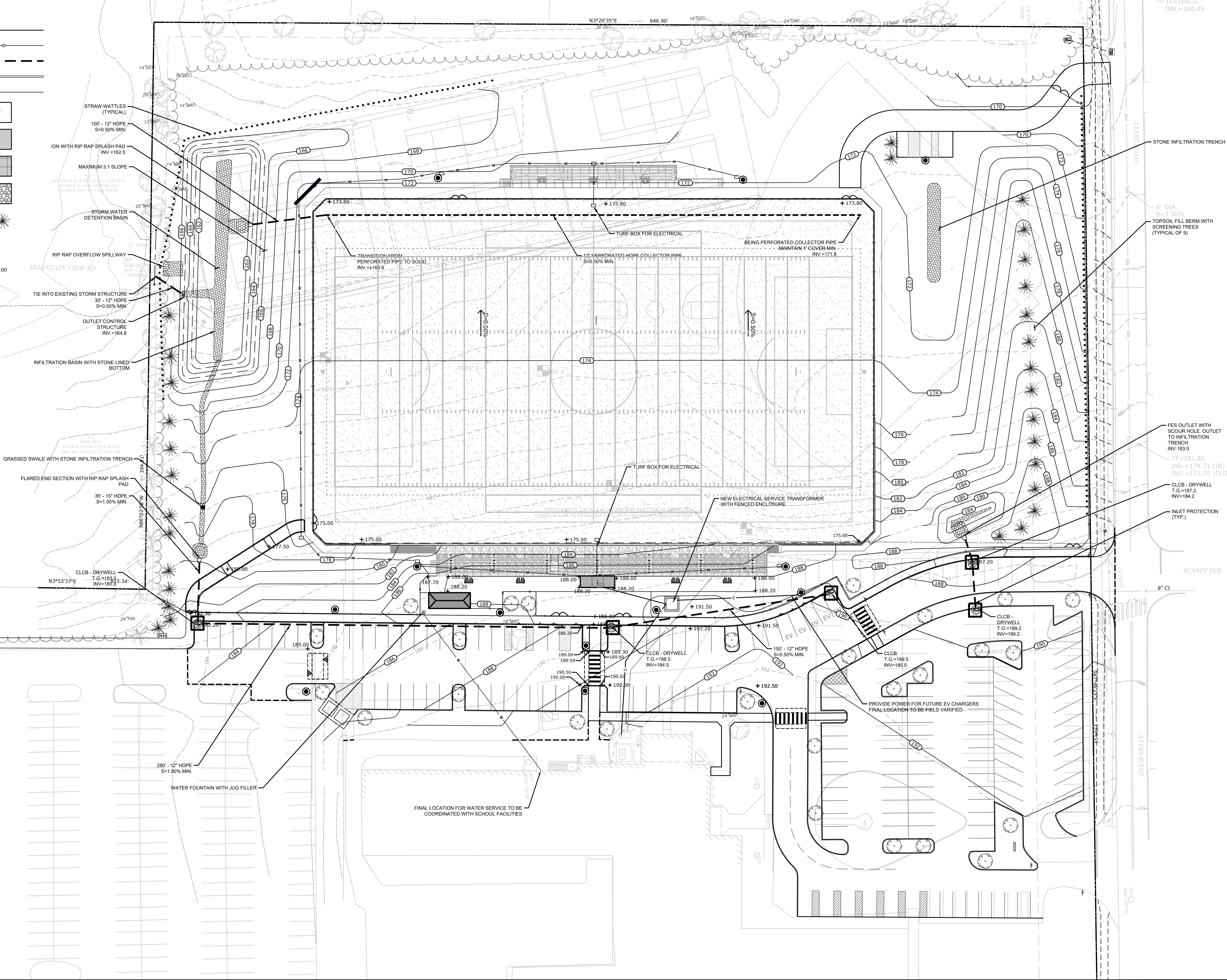
SITE PLAN - LAYOUT AND LANDSCAPING

PROPOSED SYNTHETIC TURF FIELD AND TENNIS COURT DEVELOPMENT
SOUTH WINDSOR HIGH SCHOOL
AYERS ROAD AND NEVERS ROAD
SOUTH WINDSOR, CONNECTICUT

CEH DESIGNED	JDH DRAWN
1"=30'	
SCALE	
DATE DECEMBER 15, 2023	
SHEET LA-2	

SITE PLAN LEGEND

- CHAIN LINK FENCE
- STORM PIPE
- WALL
- PROPOSED CONTOUR
- SYNTHETIC TURF FIELD
- ASPHALT
- CONCRETE
- STONE PATHWAY
- PROPOSED TREES
- ATHLETIC FIELD LIGHT POLE
- PARKING LOT LIGHT POLE
- CAST CONCRETE



CEH Engineering & Consulting

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FieldTurf
A Tarkett Sports Company

DESCRIPTION	DATE	BY
INWC SUBMISSION	12/29/2023	CEH
P2C SUBMISSION	1/22/2024	CEH
P & Z SUBMISSION	3/4/2024	CEH

SITE PLAN - GRADING AND UTILITIES

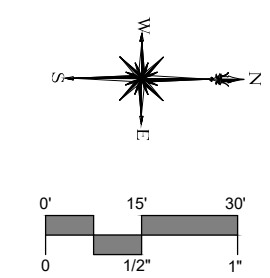
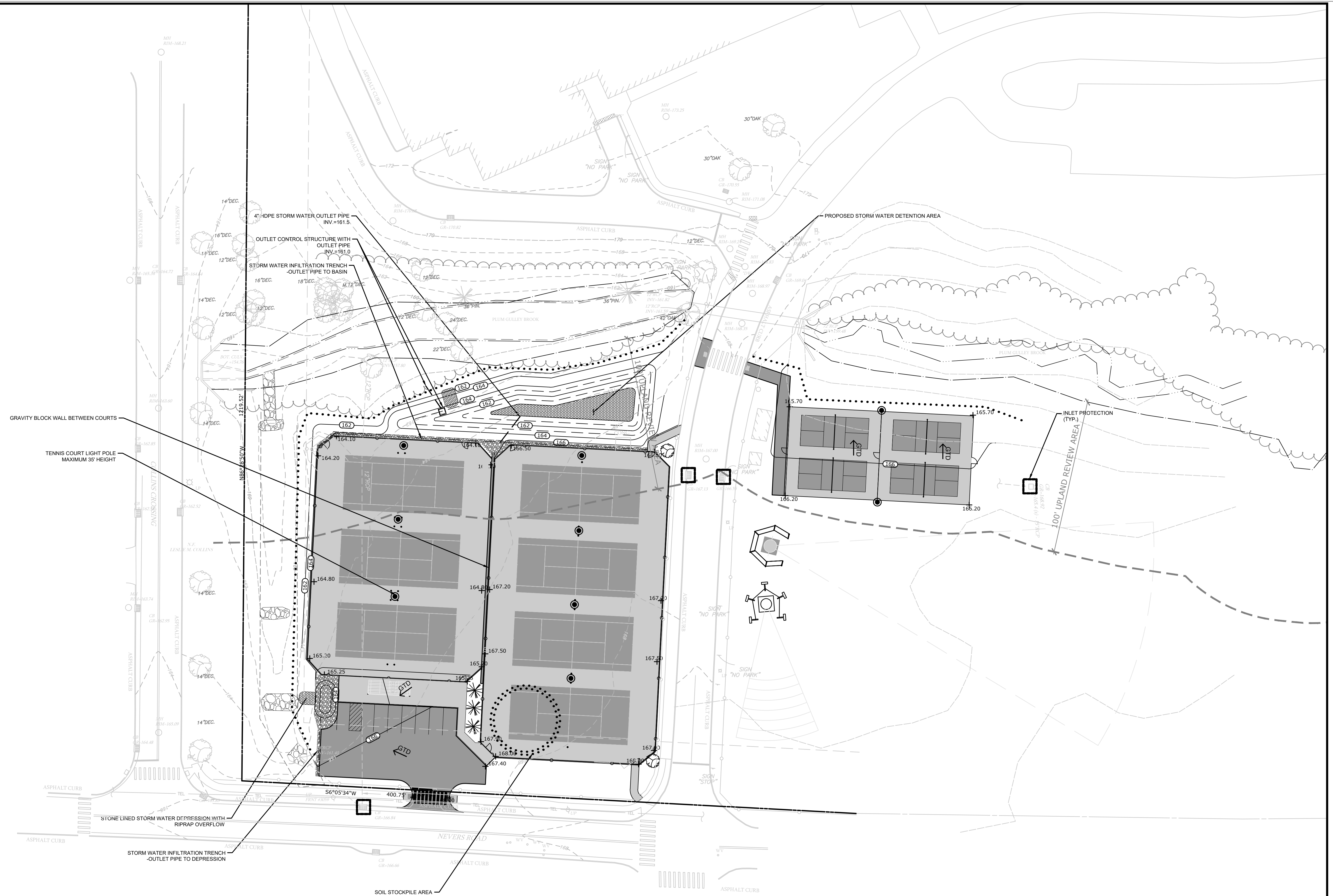
PROPOSED SYNTHETIC TURF FIELD AND TENNIS COURT DEVELOPMENT

SOUTH WINDSOR HIGH SCHOOL

AYERS ROAD AND NEVERS ROAD

SOUTH WINDSOR, CONNECTICUT

CEH DESIGNED	JDH DRAWN
1"=30'	
DECEMBER 15, 2023	
GR-1	



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DATE	REVISION	DESCRIPTION
12/28/2023	CEH	IWMC SUBMISSION REVISIONS
1/22/2024	CEH	PZC SUBMISSION
3/4/2024	CEH	P & Z SUBMISSION REVISIONS

SITE PLAN - GRADING AND UTILITIES

**PROPOSED SYNTHETIC TURF FIELD AND TENNIS COURT DEVELOPMENT
SOUTH WINDSOR HIGH SCHOOL**

**AYERS ROAD AND NEVERS ROAD
SOUTH WINDSOR, CONNECTICUT**

CEH	JDH
DESIGNED	DRAWN

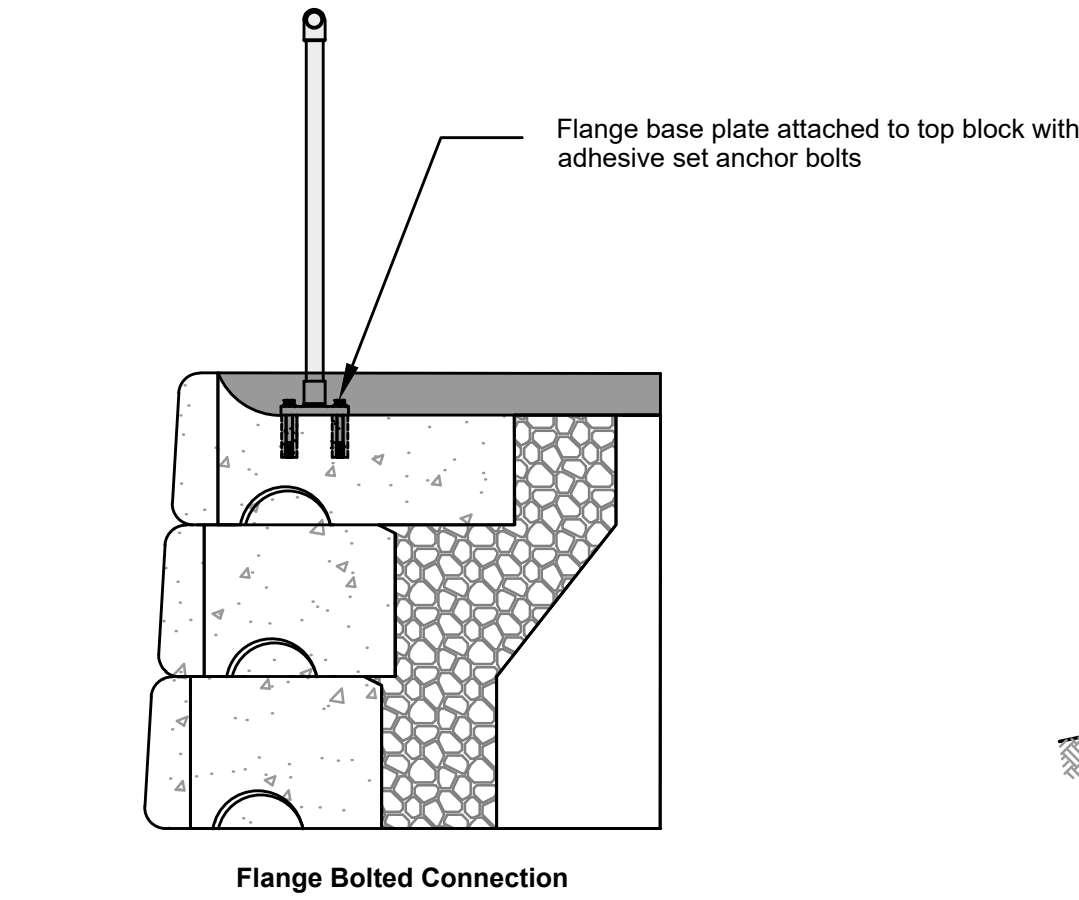
1"=30'

DECEMBER 15, 2023

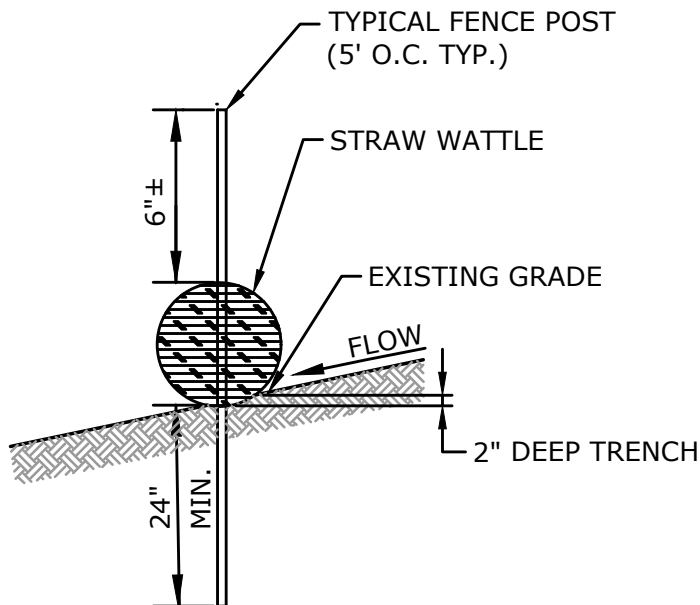
GR-2

ET

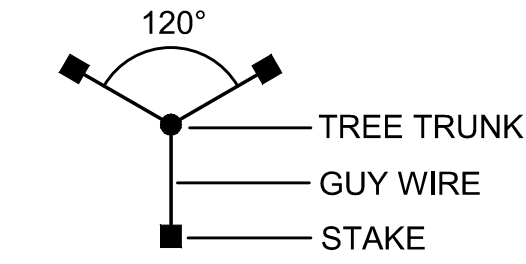
1. GENERAL NOTES: 1. ALL DIMENSIONS ARE IN FEET AND INCHES. 2. ALL MATERIALS SHALL BE OF THE HIGHEST QUALITY. 3. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE STANDARD SPECIFICATIONS FOR CONSTRUCTION OF HIGHWAYS, BRIDGES, AND STRUCTURES, AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION OF AIRPORTS, AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION OF SEWER AND WATER MAINS.



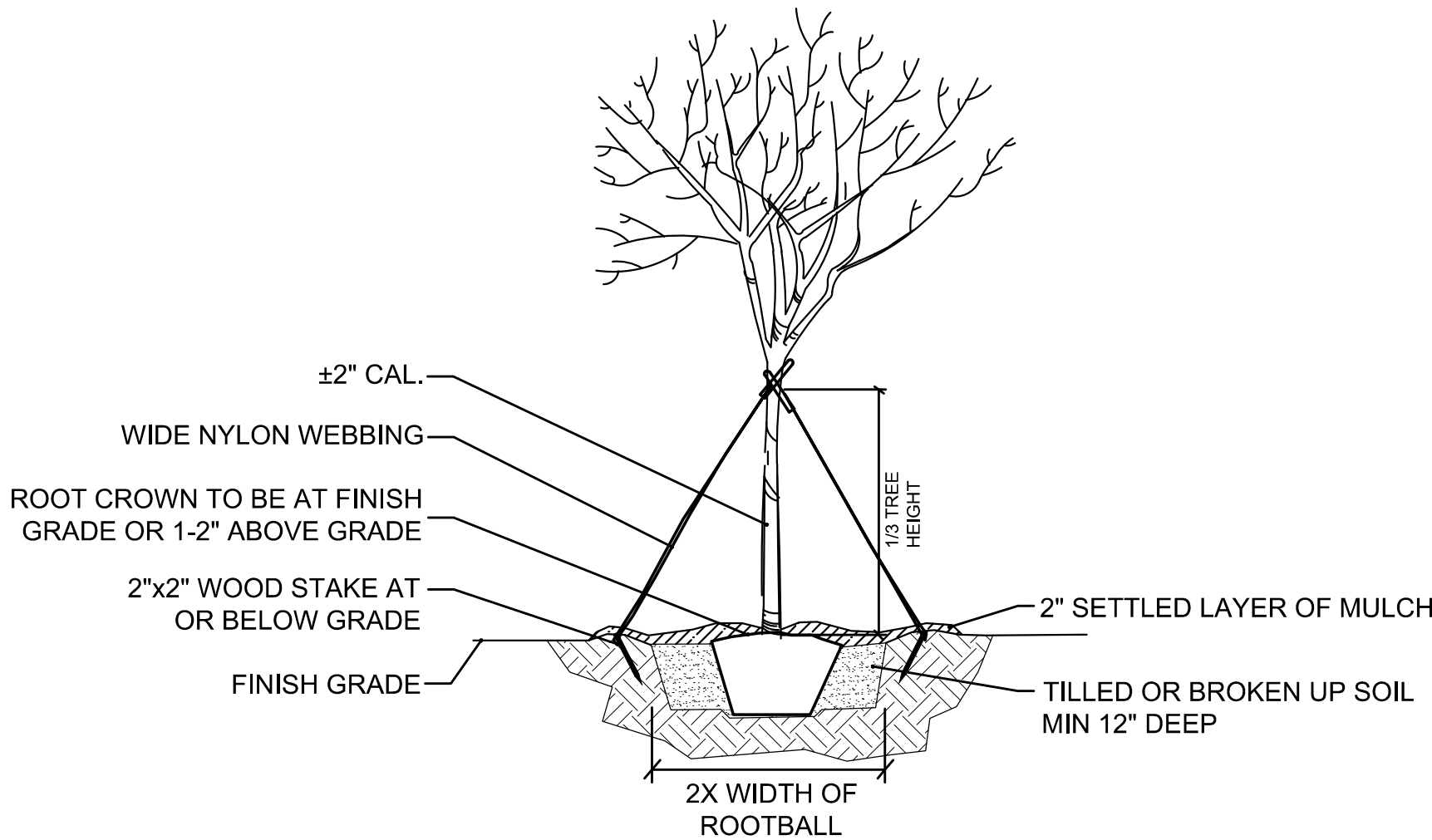
TYPICAL PLATE MOUNTED FENCE
NOT TO SCALE



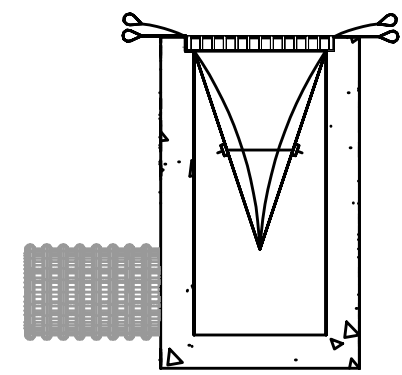
WATTLE ON BARE SOIL
N.T.S.



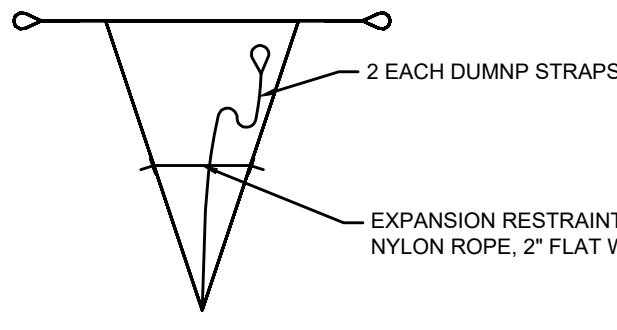
PLAN VIEW



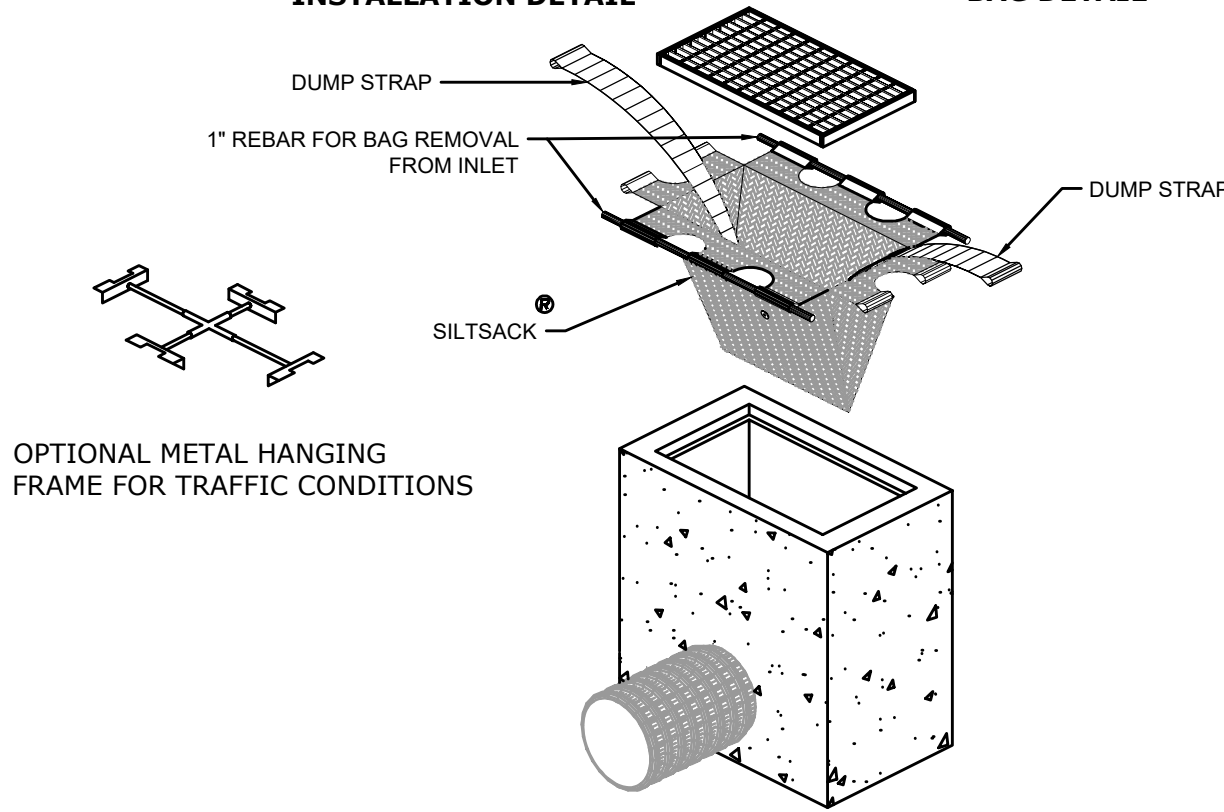
TREE PLANTING DETAIL
N.T.S.



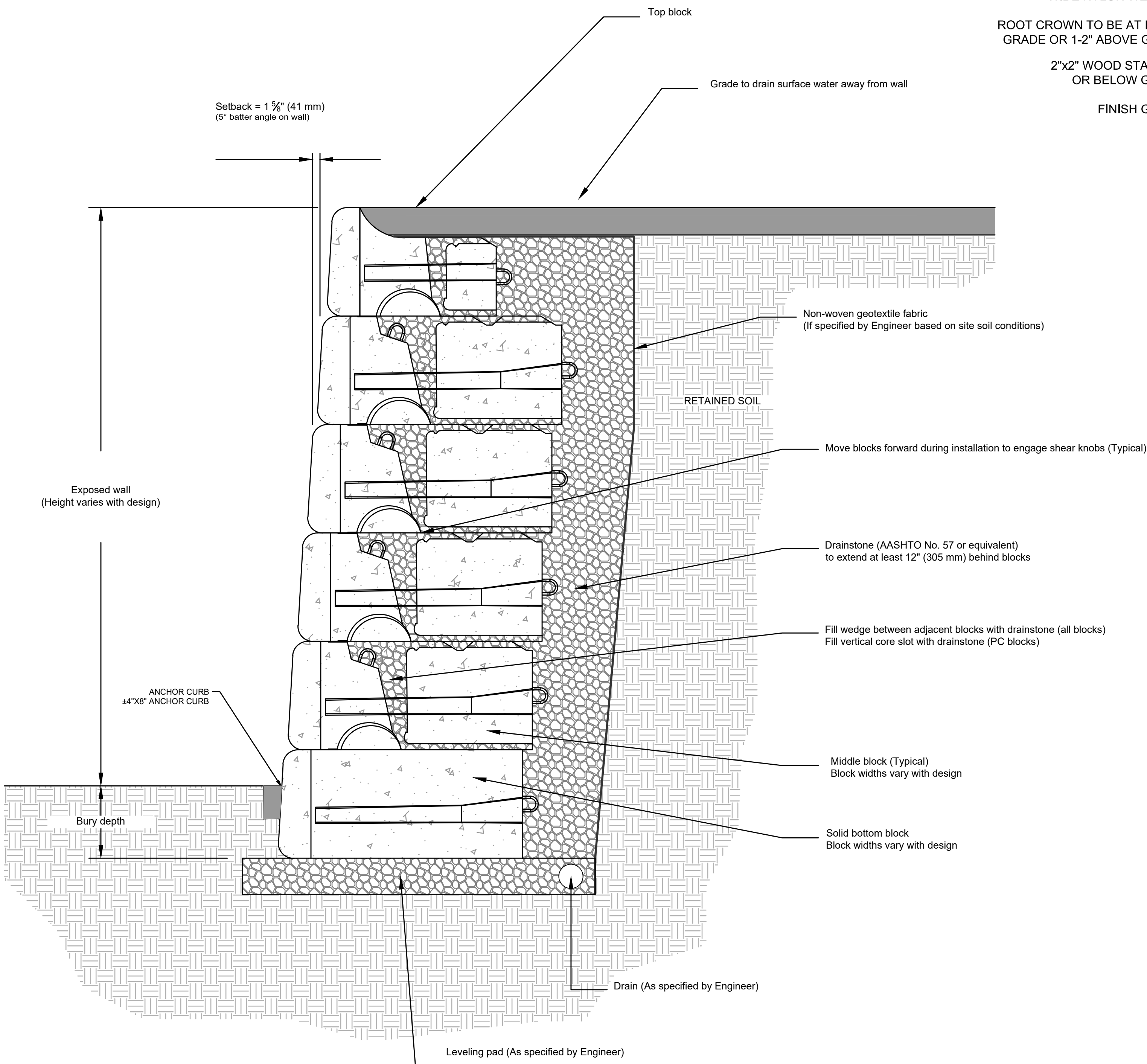
INSTALLATION DETAIL



BAG DETAIL



INLET PROTECTION
N.T.S.



TYPICAL GRAVITY RETAINING WALL
NOT TO SCALE



EXAMPLE PRESS BOX
N.T.S.



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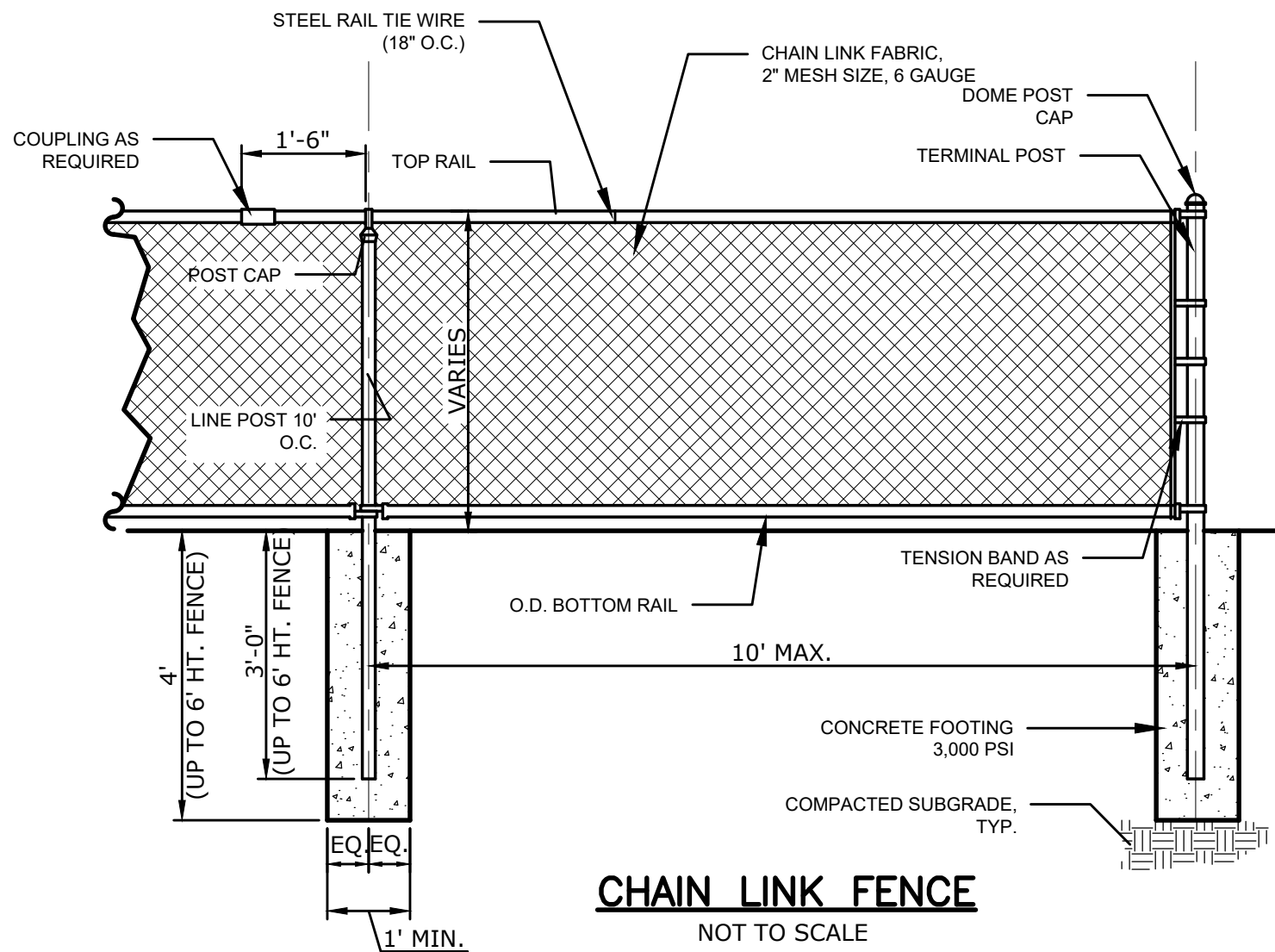


DESCRIPTION	DATE	BY
P/Z SUBMISSION	1/22/2024	CEH
P & Z SUBMISSION REVISIONS	3/7/2024	CEH

SITE DETAILS
PROPOSED SYNTHETIC TURF FIELD AND TENNIS COURT DEVELOPMENT
SOUTH WINDSOR HIGH SCHOOL
AYERS ROAD AND NEVERS ROAD
SOUTH WINDSOR, CONNECTICUT

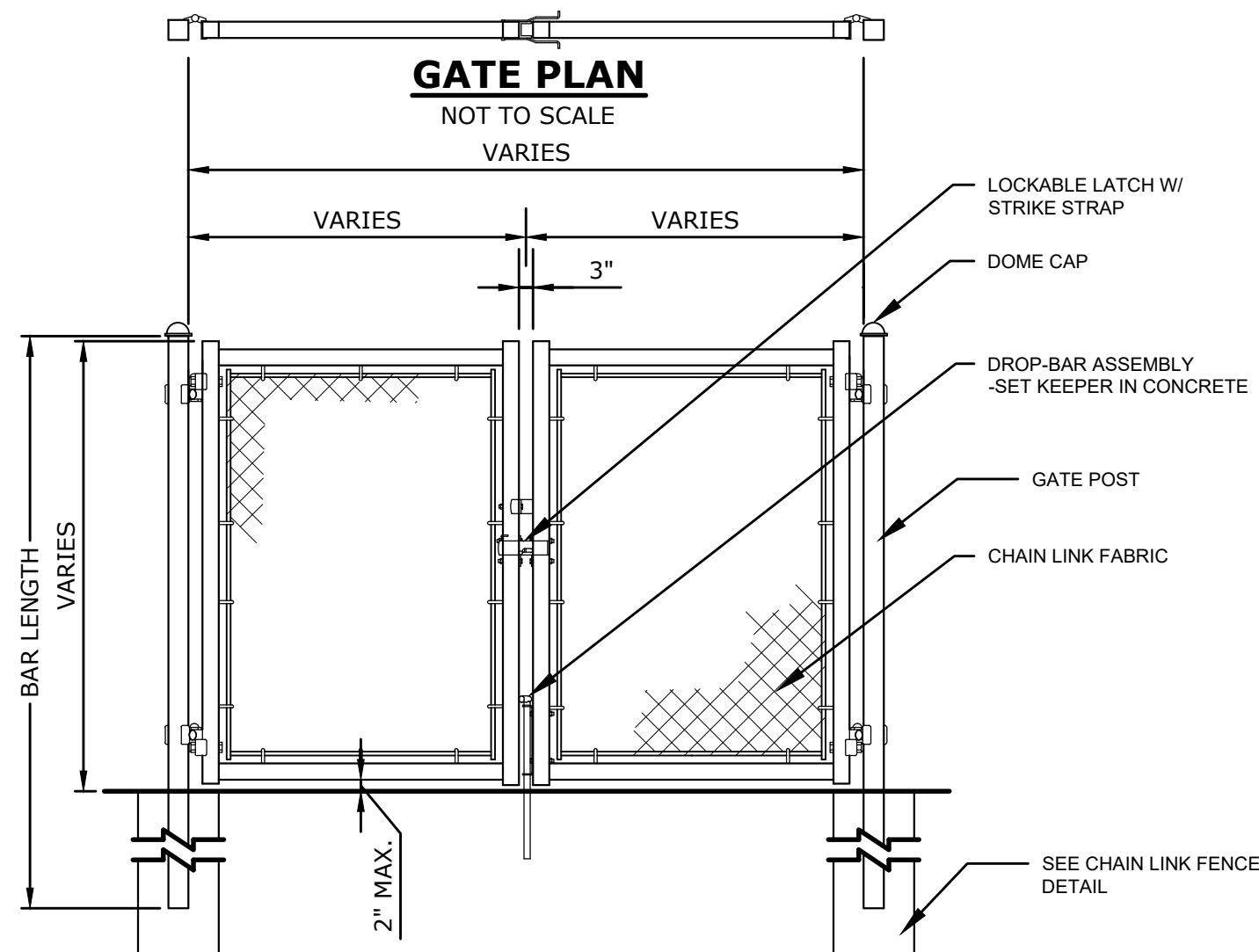
CEH DESIGNED	JDH DRAWN
NOT TO SCALE	
DECEMBER 15, 2023	
D-1	

CEH ENGINEERING AND CONSULTING, 580 SHEPARD AVENUE, HAMDEN, CT 06514
CHRIS.HULK@YAHOO.COM, 203-676-4445



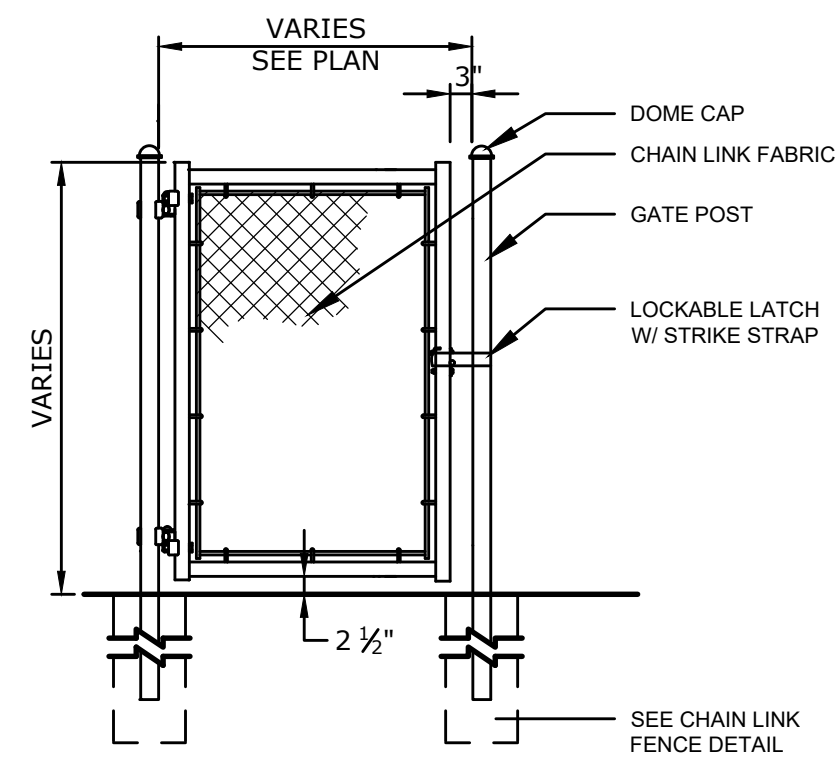
CHAIN LINK FENCE POST AND RAIL SIZING	
POST OR RAIL TYPE	4' & 6' HT. FENCE
TERMINAL OR COMMON	2-7/8"
LINE POST	2-7/8"
TOP RAIL	1-5/8"
INTERMEDIATE RAIL	AS NOTED 1-5/8"
BOTTOM RAIL	1-5/8"
GATE POST	2-7/8"
GATE FRAME	1-7/8"

- NOTE:**
1. ALL CHAIN LINK POSTS, RAILS, FABRIC AND HARDWARE TO BE BLACK VINYL
 2. 4' AND 6' HEIGHT FENCE POSTS MAY BE CORE DRILLED INTO CURBING.
 3. ALL GATE POSTS TO HAVE FULL DEPTH FOUNDATIONS.
 4. FENCE HEIGHTS ABOVE 6' ARE PROVIDED ON SEPARATE DETAIL

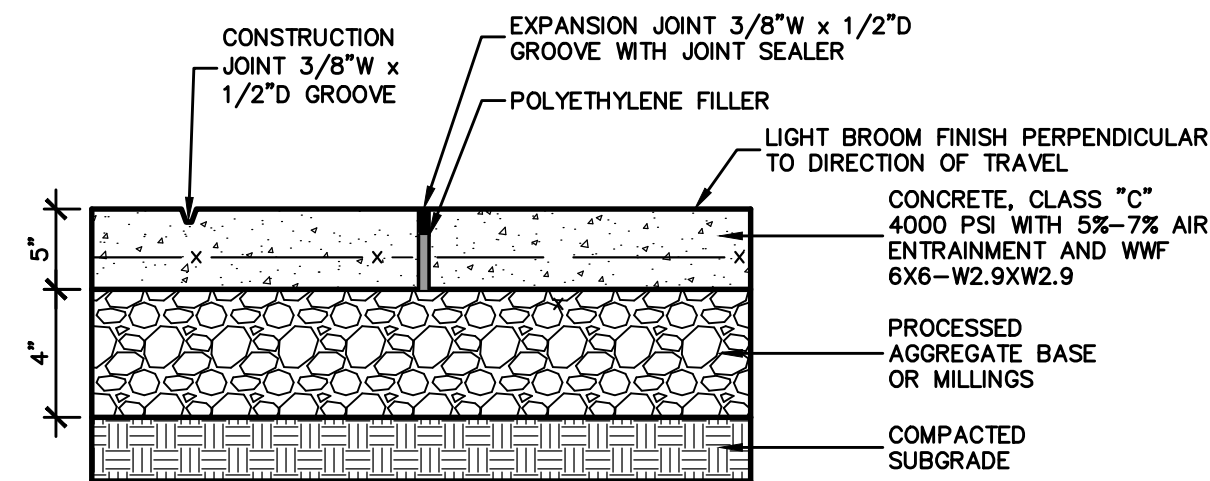
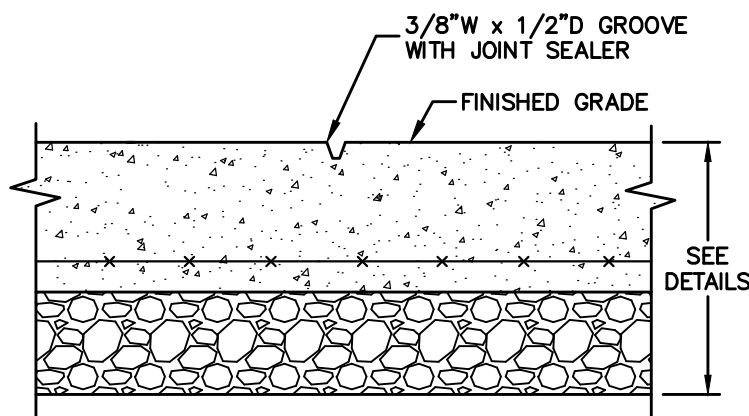


DOUBLE LEAF GATES		
OPENING	GATE POSTS	HINGE SPACE (S)
FACE TO FACE	SQ & RND SIZES	POST TO UPRIGHT
	2 7/8"	FOR SQUARE & ROUND GATE POSTS: 2 7/8"
	2.875" OD	

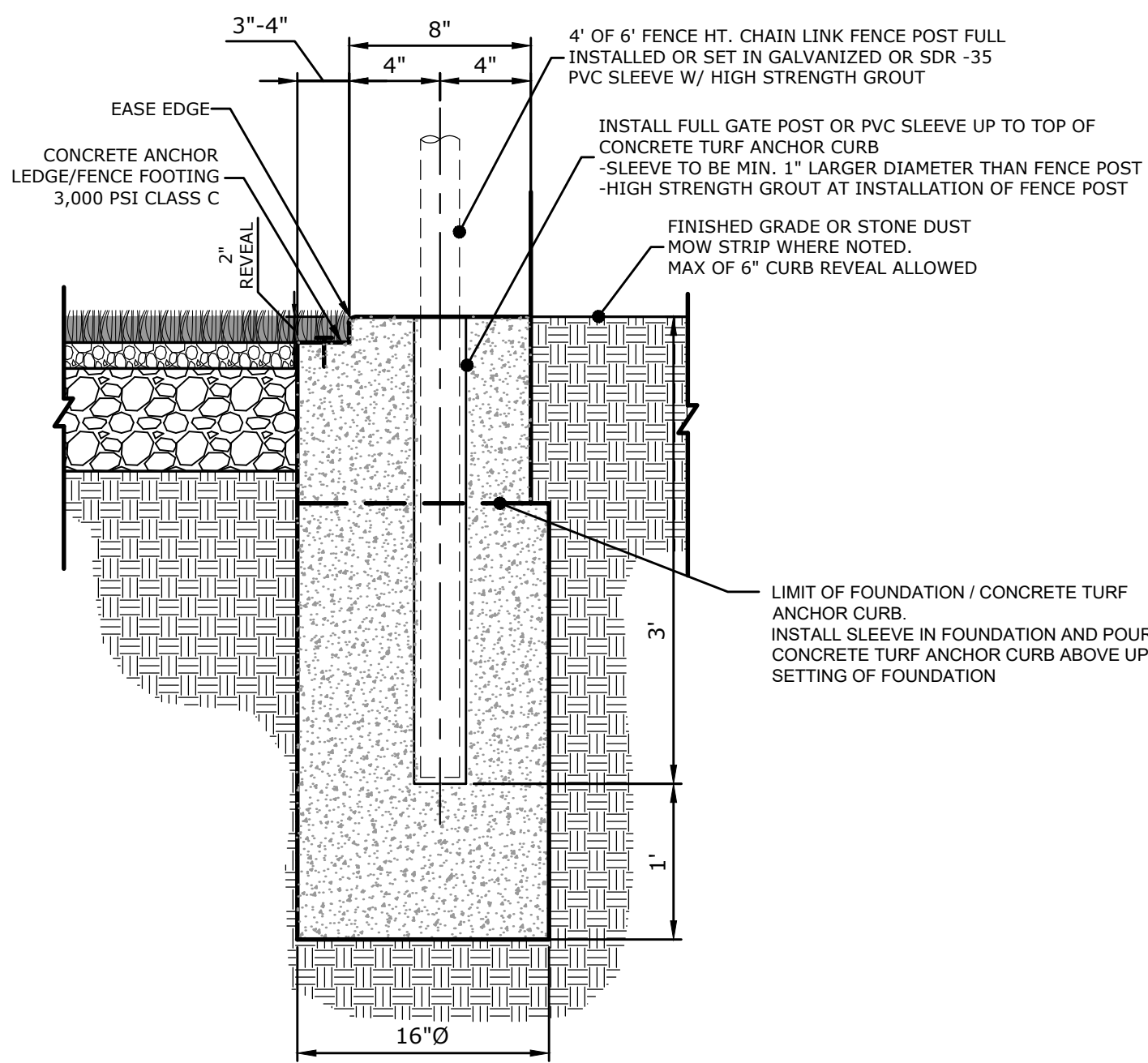
- NOTES:**
1. MATERIALS AND METHOD OF CONSTRUCTION SHALL CONFORM TO CHAIN LINK FENCE DETAIL ON THIS SHEET.
 2. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR REVIEW AND APPROVAL



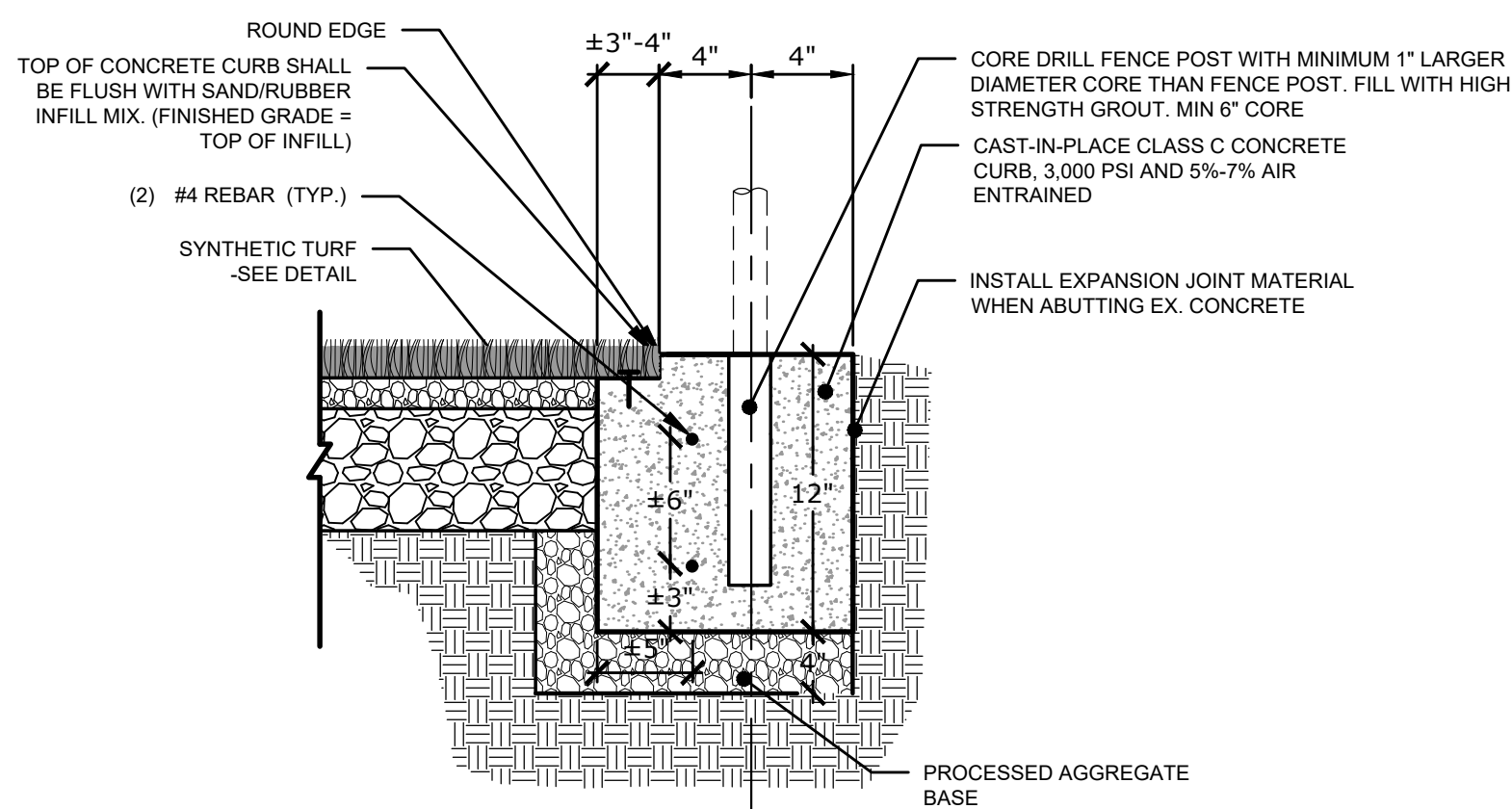
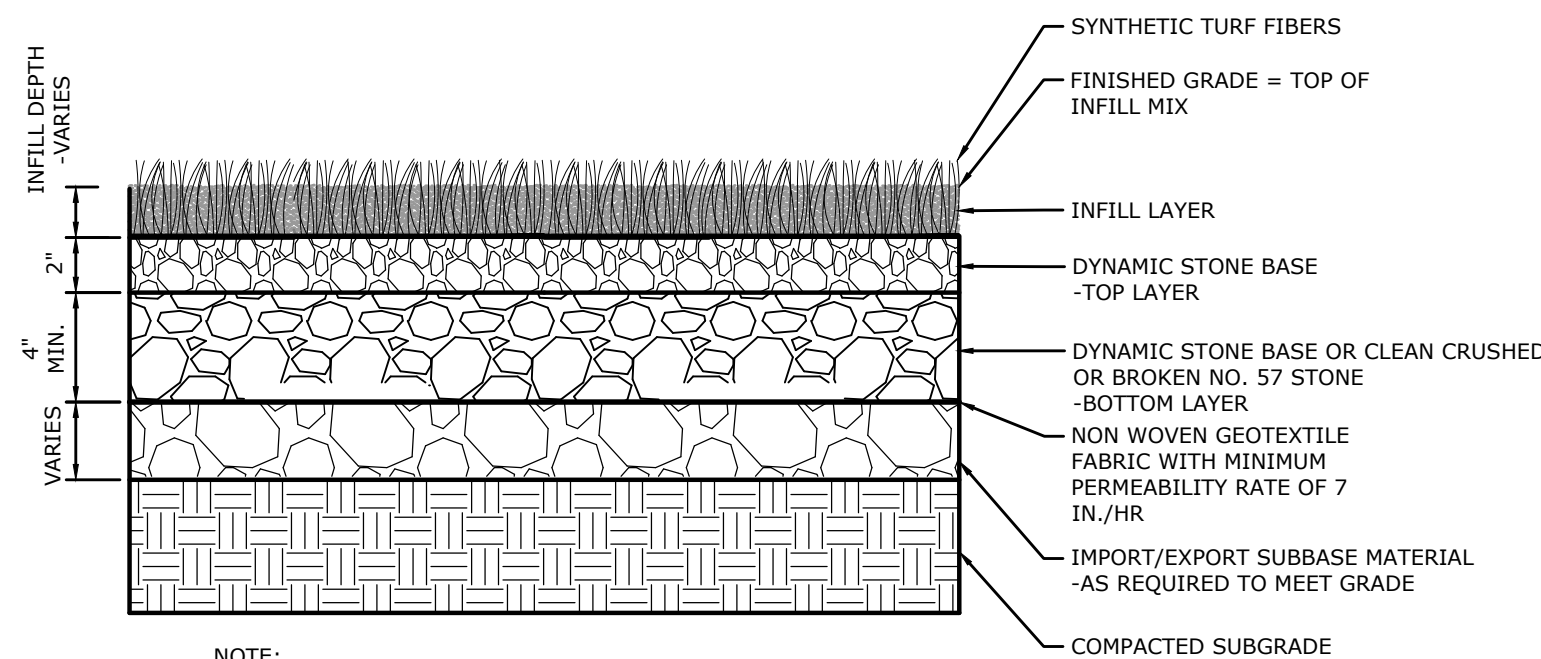
- NOTES:**
1. MATERIALS AND METHOD OF CONSTRUCTION SHALL CONFORM TO CHAIN LINK FENCE DETAIL ON THIS SHEET
 2. CONTRACTOR TO SUBMIT SHOP DRAWINGS
 3. GATE SWINGING DIRECTION:
 - 3.1. ALL SWING GATES ADJACENT TO SYNTHETIC TURF SHALL ONLY BE ALLOWED TO SWING AWAY FROM THE SYNTHETIC TURF WHERE POSSIBLE.
 - 3.2. PROVIDE STOP AS REQUIRED TO PREVENT SWINGING OF GATE TOWARDS THE SYNTHETIC SURFACE.



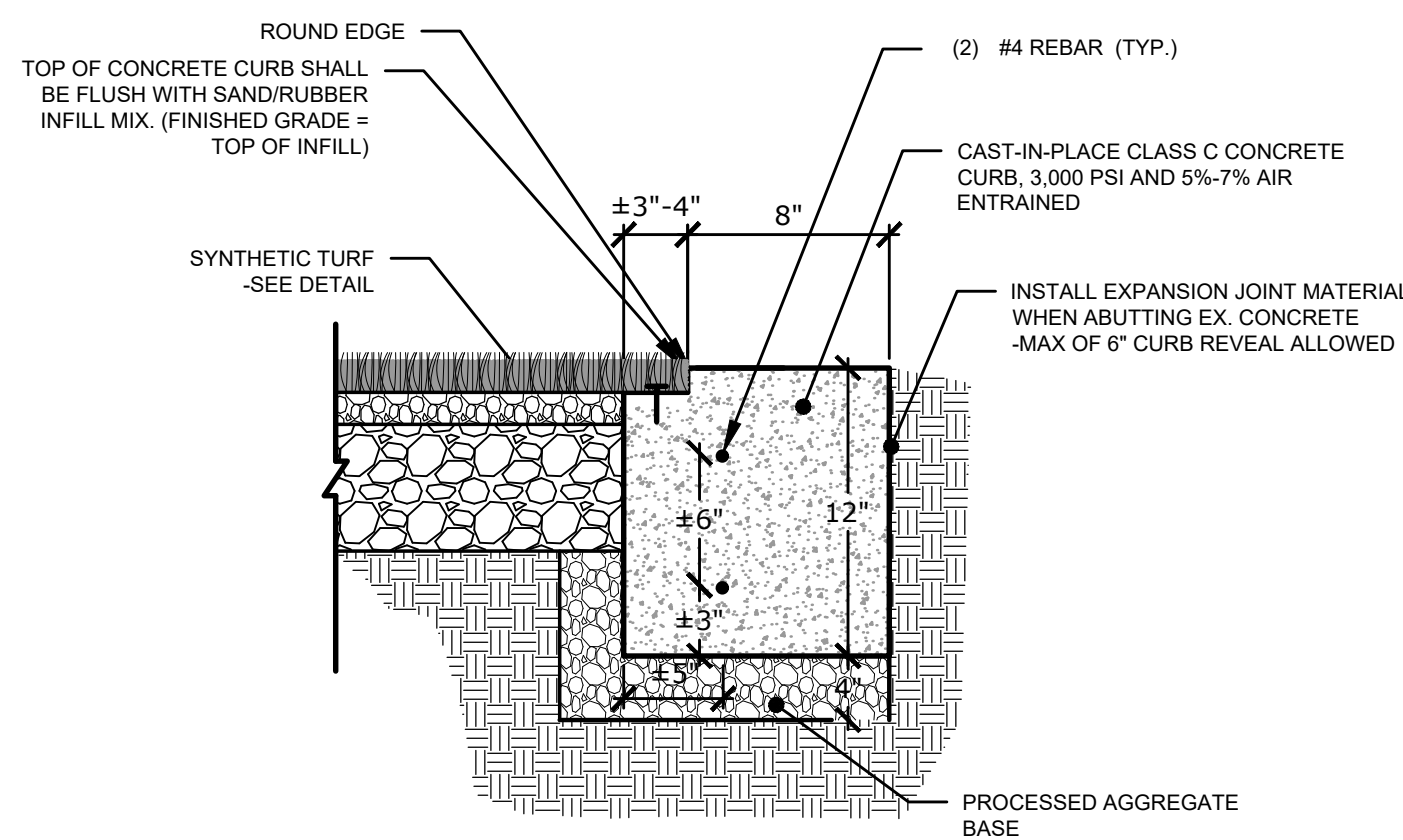
- NOTES:**
1. EXP. JOINTS 20' O.C. MAX. SCORE JOINTS EVERY 5' O.C.
 2. CONCRETE SHALL BE SCREEDED, FLOATED, WITH STIFF BROOM FINISH, TOOLED JOINTS AND PITCHED TO GRADE. FINISH TO MATCH ADJACENT EXISTING CONDITIONS.
 3. CROSS PITCH SHALL NOT EXCEED 2.0%



- NOTES:**
1. TOP OF CONCRETE TO HAVE STIFF BROOM FINISH PARALLEL TO CURB LINE
 2. PROVIDE EXPANSION JOINTS IN CURB @ 20' MAXIMUM.
 3. ANCHORING OF TURF PER FIELDTURF SPECIFICATIONS.

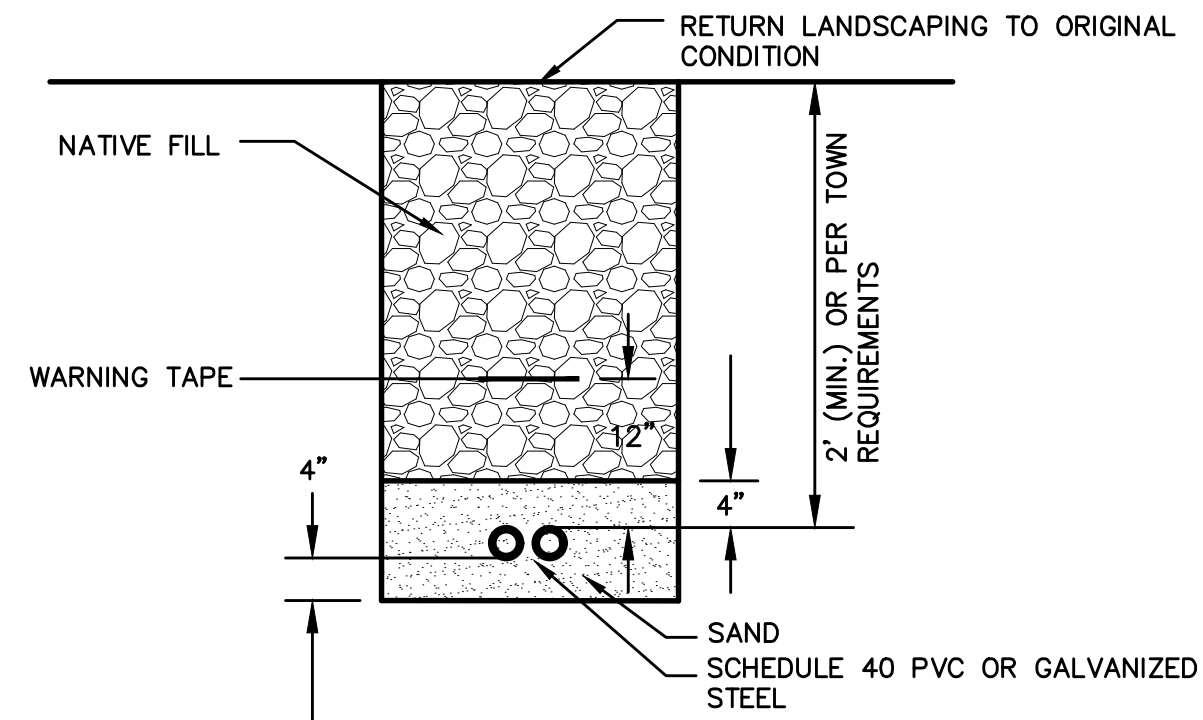


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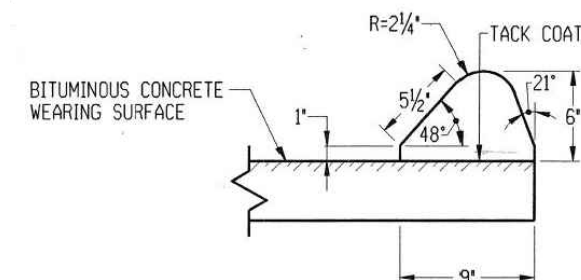


- NOTES:**
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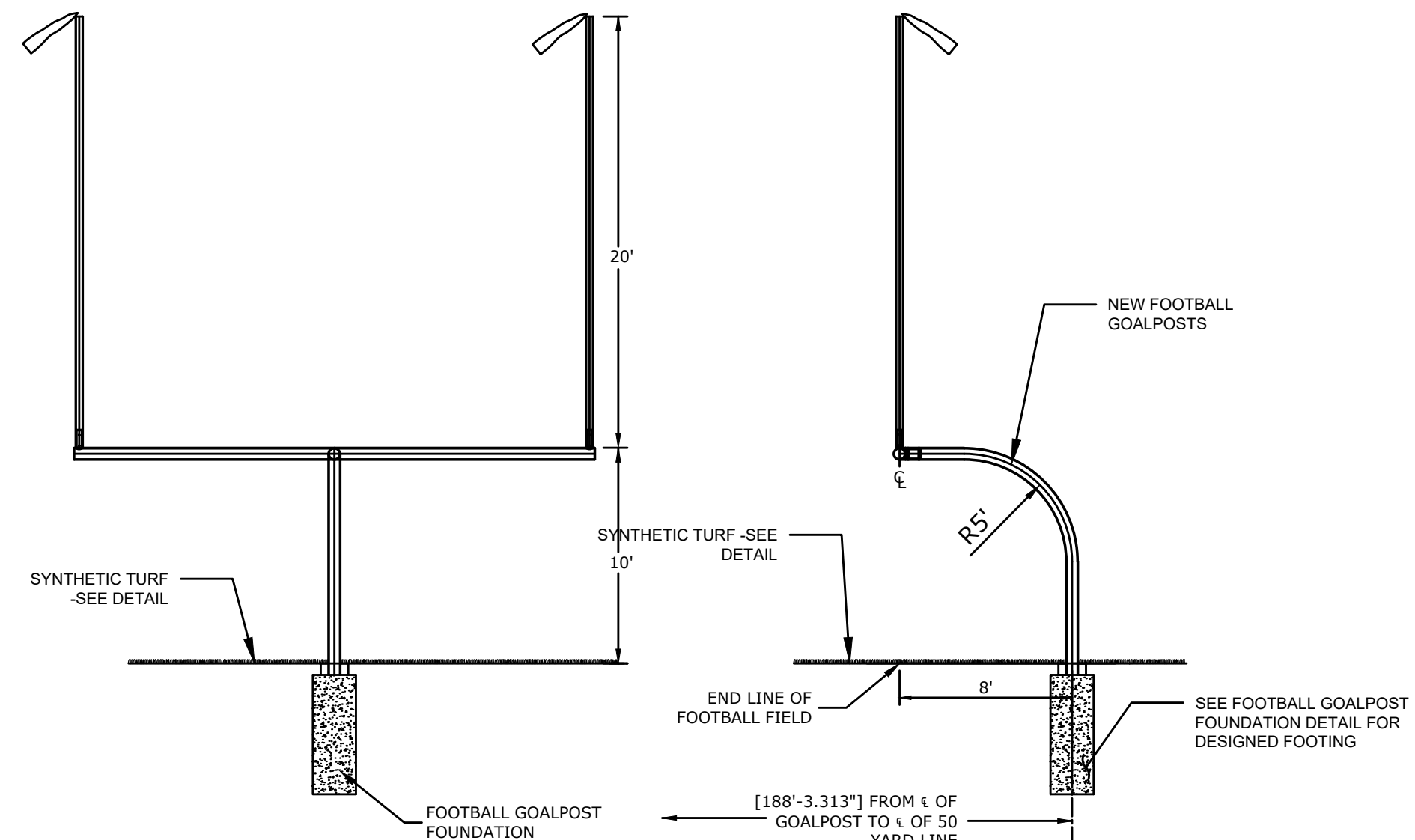
DESCRIPTION	DATE	BY
P/C SUBMISSION	1/22/2024	CEH



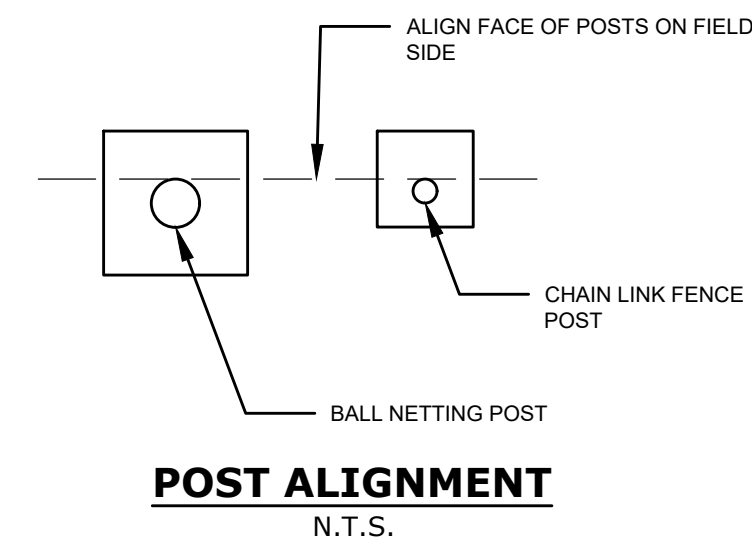
TYPICAL ELECTRICAL TRENCHING AND BACKFILL DETAIL



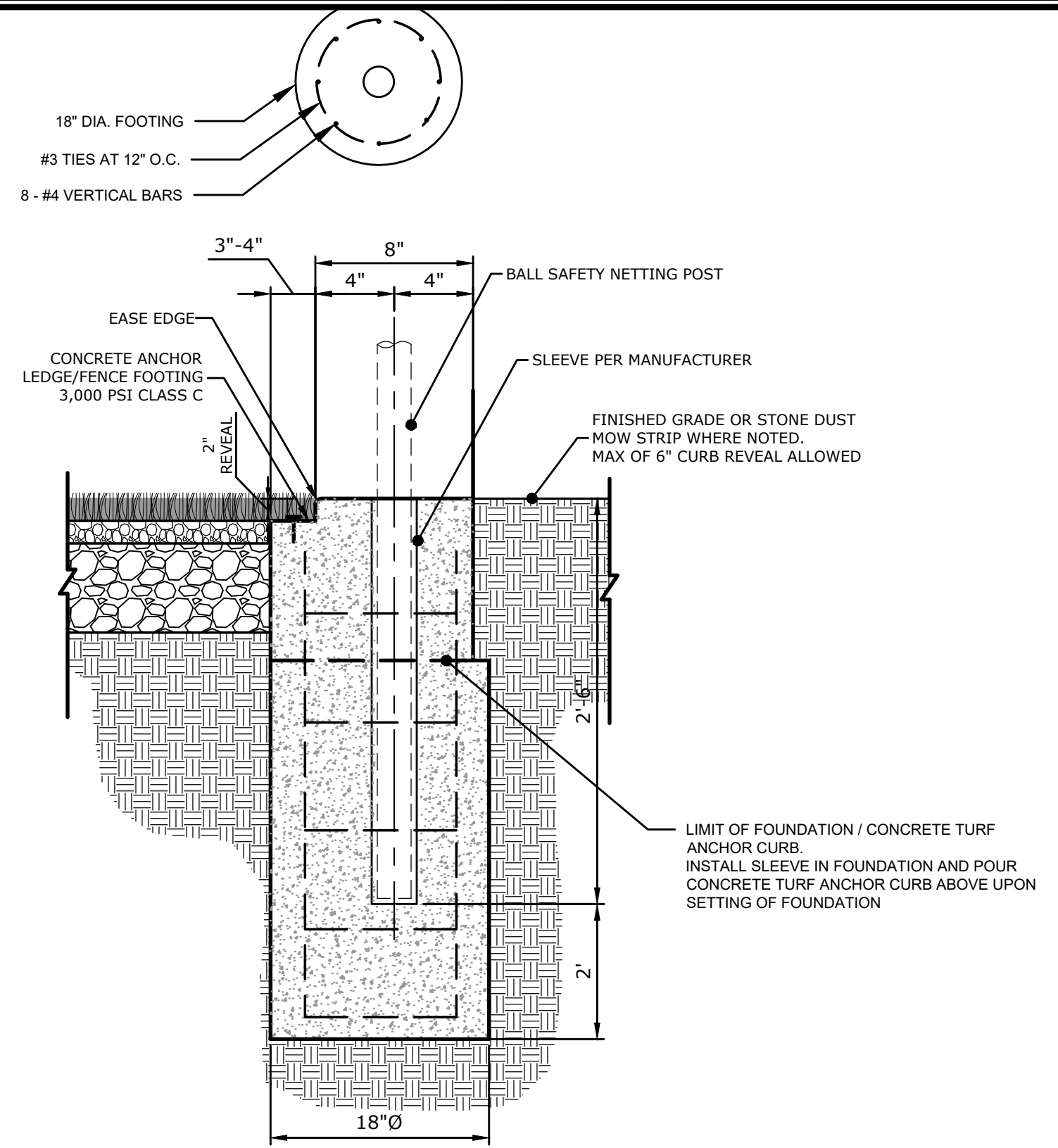
BITUMINOUS LIP CURBING
NOT TO SCALE



FOOTBALL GOAL POST
N.T.S.

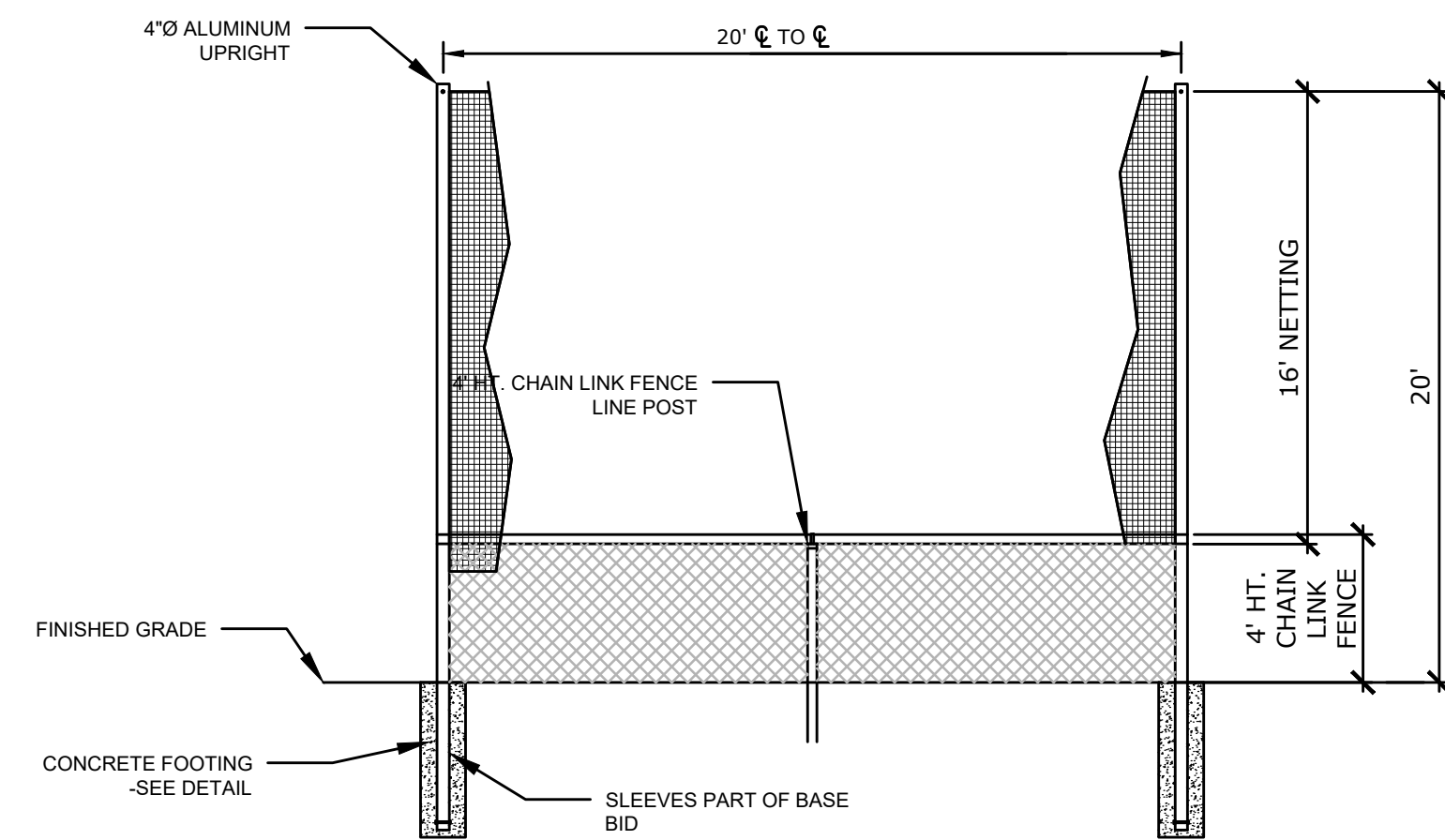


POST ALIGNMENT
N.T.S.



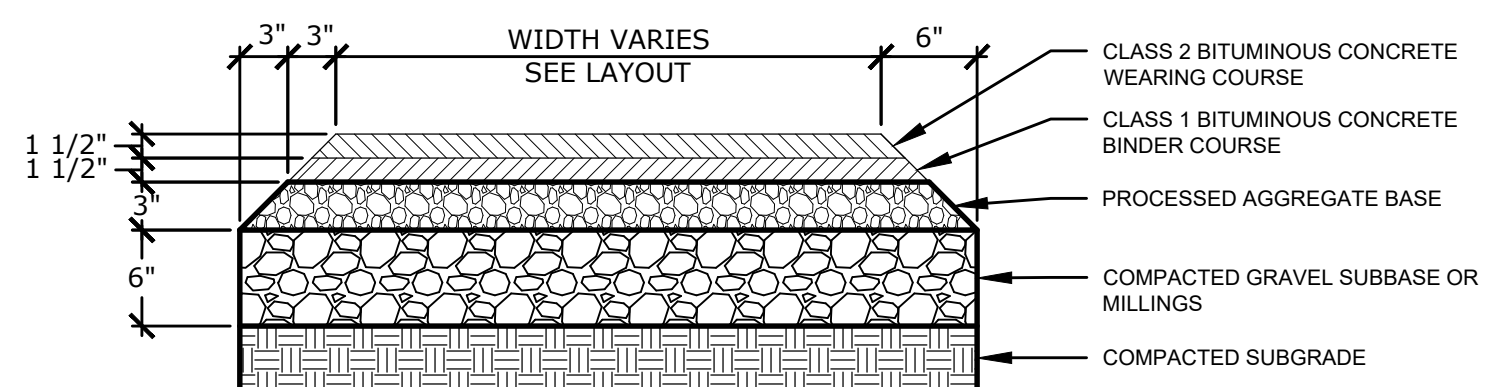
INTEGRAL BALL SAFETY NETTING FOUNDATION
ABOVE FENCE
NOT TO SCALE

- NOTES:
1. TOP OF CONCRETE TO HAVE STIFF BROOM FINISH PARALLEL TO CURB LINE
 2. PROVIDE EXPANSION JOINTS IN CURB @ 20' MAXIMUM.
 3. ANCHORING OF TURF PER FIELDTURF SPECIFICATIONS.

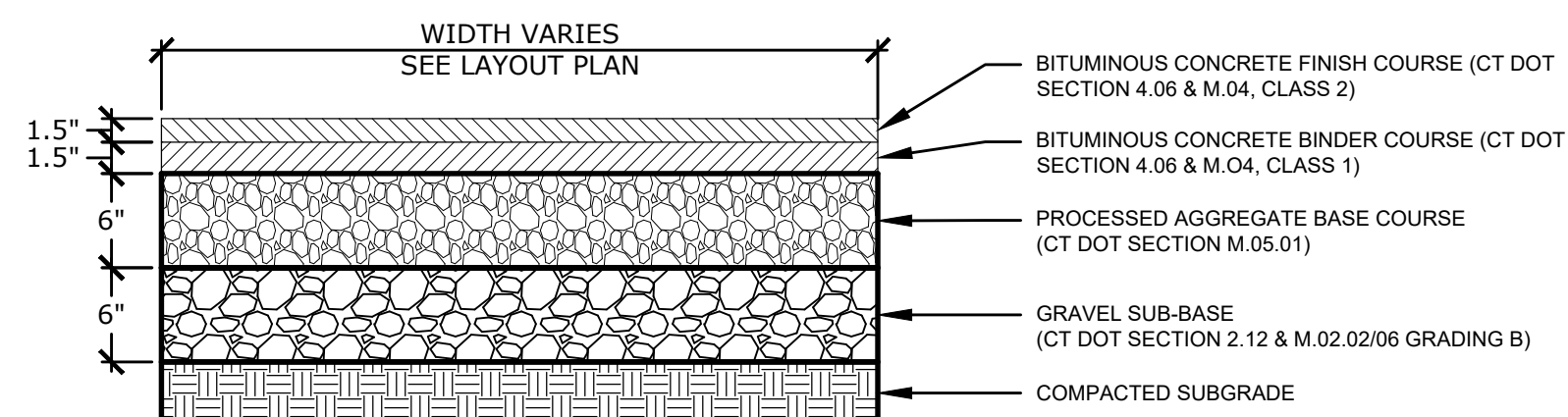


INTEGRAL BALL SAFETY NETTING - 20' HT.
N.T.S.

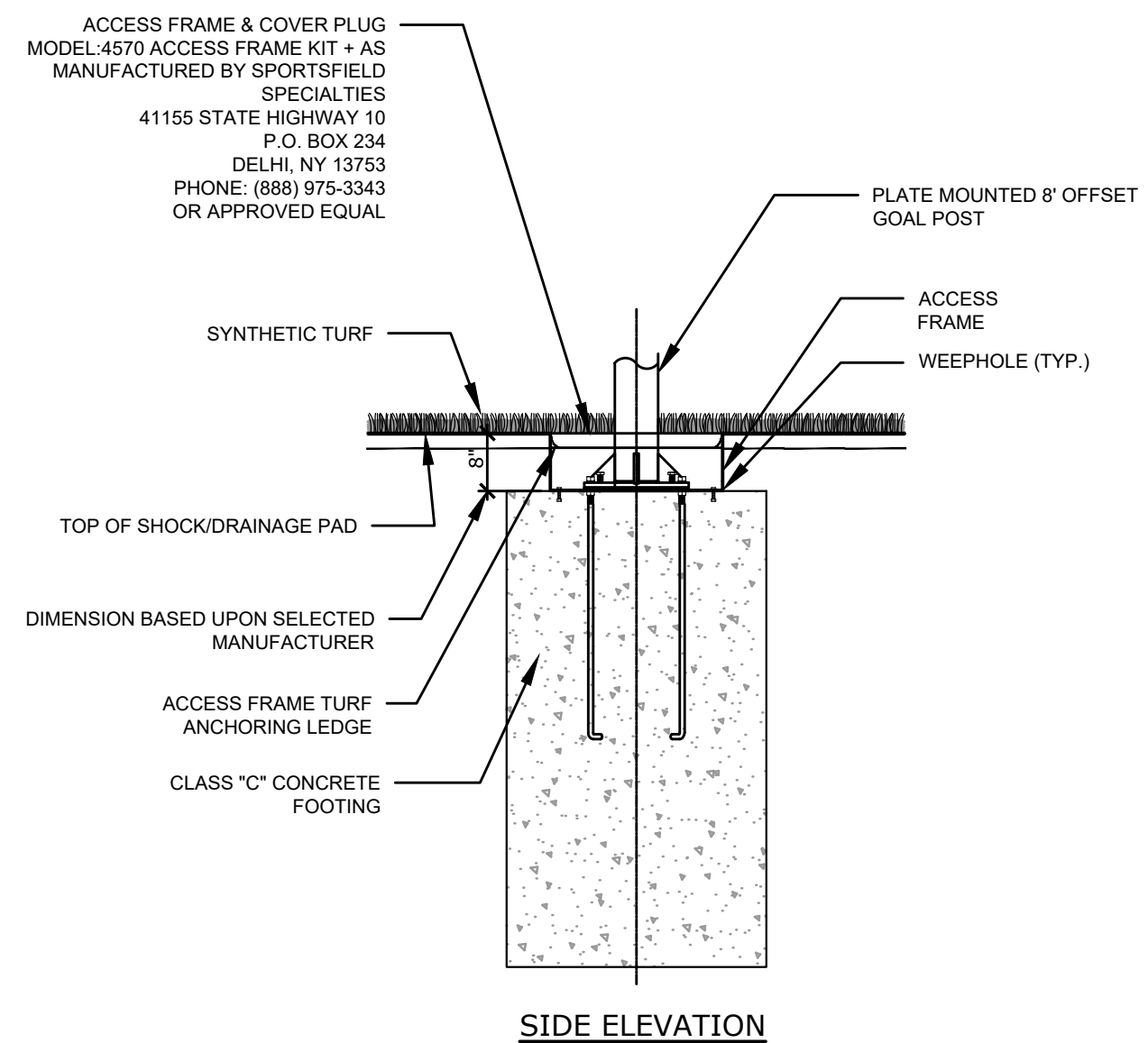
- NOTES:**
1. 20' HT. BALL SAFETY SYSTEM, MODEL: TFBSS420-5G-20' HT. WITH CUSTOM NET AS MANUFACTURED BY SPORTSFIELD SPECIALTIES, INC. NEW DELHI, NY TEL: 888-975-3343, OR APPROVED EQUAL.
 2. NET SHALL BE CHAIN LINK FENCE IF SELECTED WITH A MINIMUM OF 1-FOOT AND SHALL BE SECURED TO THE FENCING FABRIC WITH QUICK CLIP SPRING HOOKS.
 3. NETTING SHALL OVERLAP THE CHAIN LINK FENCE ON THE PLAYING FIELD SIDE OF THE FENCE FABRIC.



BITUMINOUS CONCRETE WALK
NOT TO SCALE



BITUMINOUS CONCRETE
NOT TO SCALE



FOOTBALL GOALPOST ACCESS FRAME



CEH ENGINEERING
AND CONSULTING
580 SHEPARD AVENUE
HAMDEN, CT 06514
s.hulk@yahoo.com, 203-676-4445



P & Z SUBMISSION REVISIONS	PZC SUBMISSION	1/22/2024	CEH
		3/4/2024	CEH

0
1
2
3
4
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**PROPOSED SYNTHETIC TURF FIELD AND TENNIS COURT DEVELOPMENT
SOUTH WINDSOR HIGH SCHOOL**

SOUTH WINDSOR, CONNECTICUT

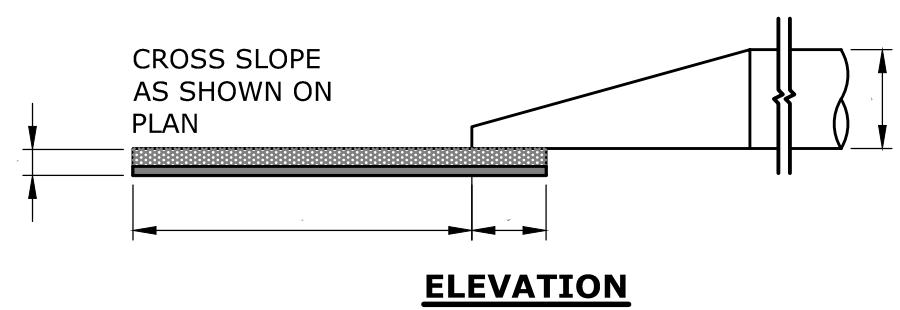
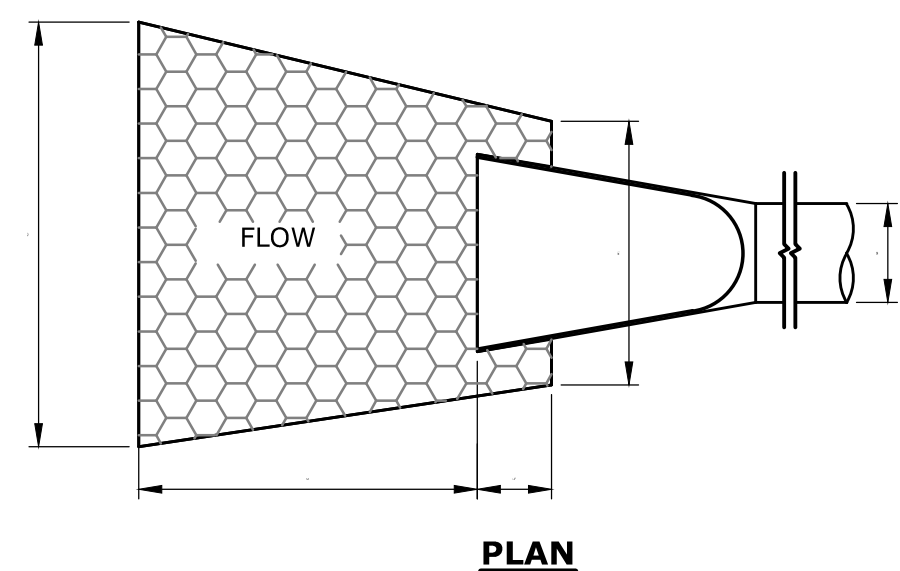
CEH	JDH
DESIGNED	DRAWN

NOT TO SCALE

EMBER 15. 2023

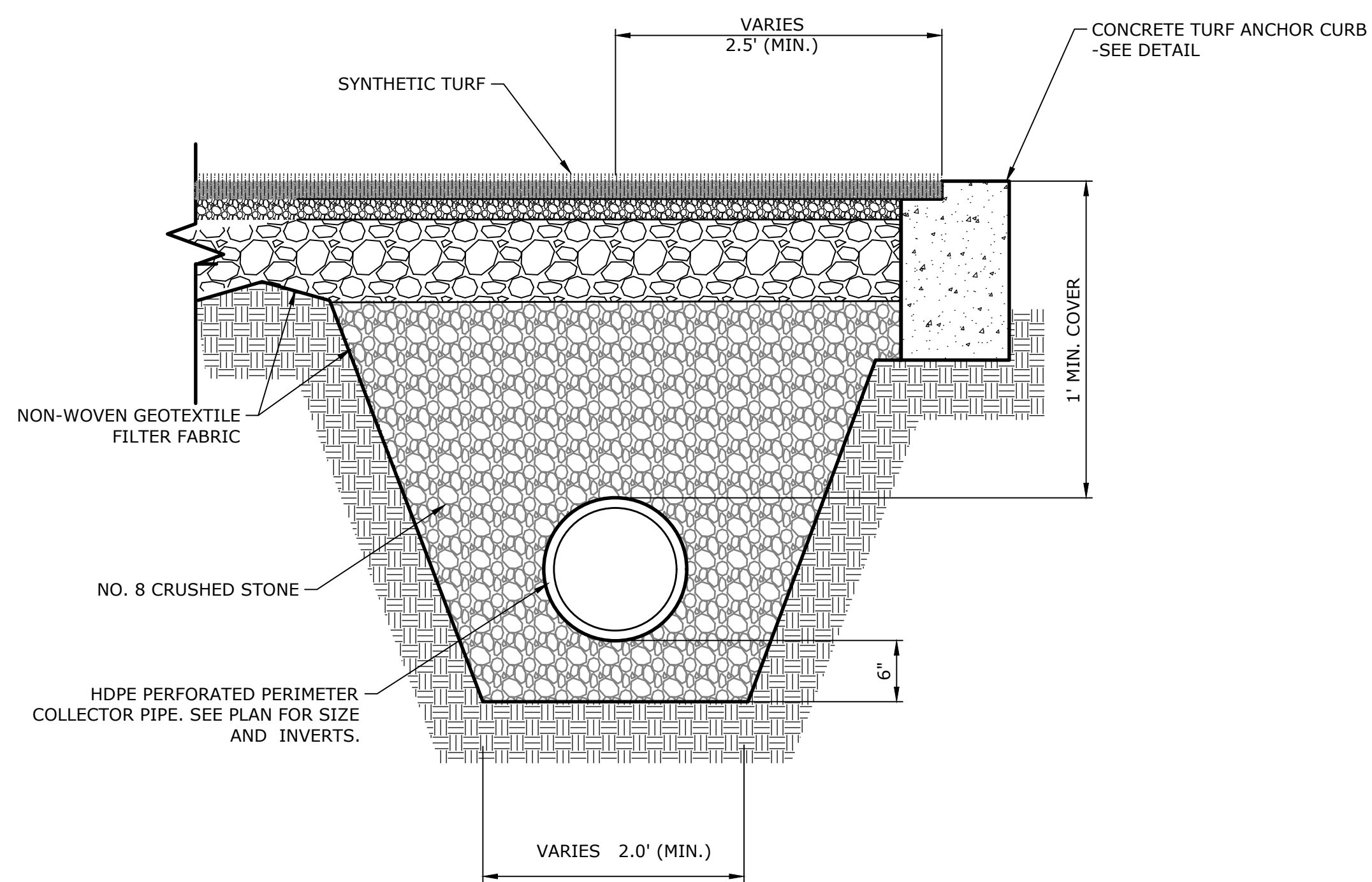
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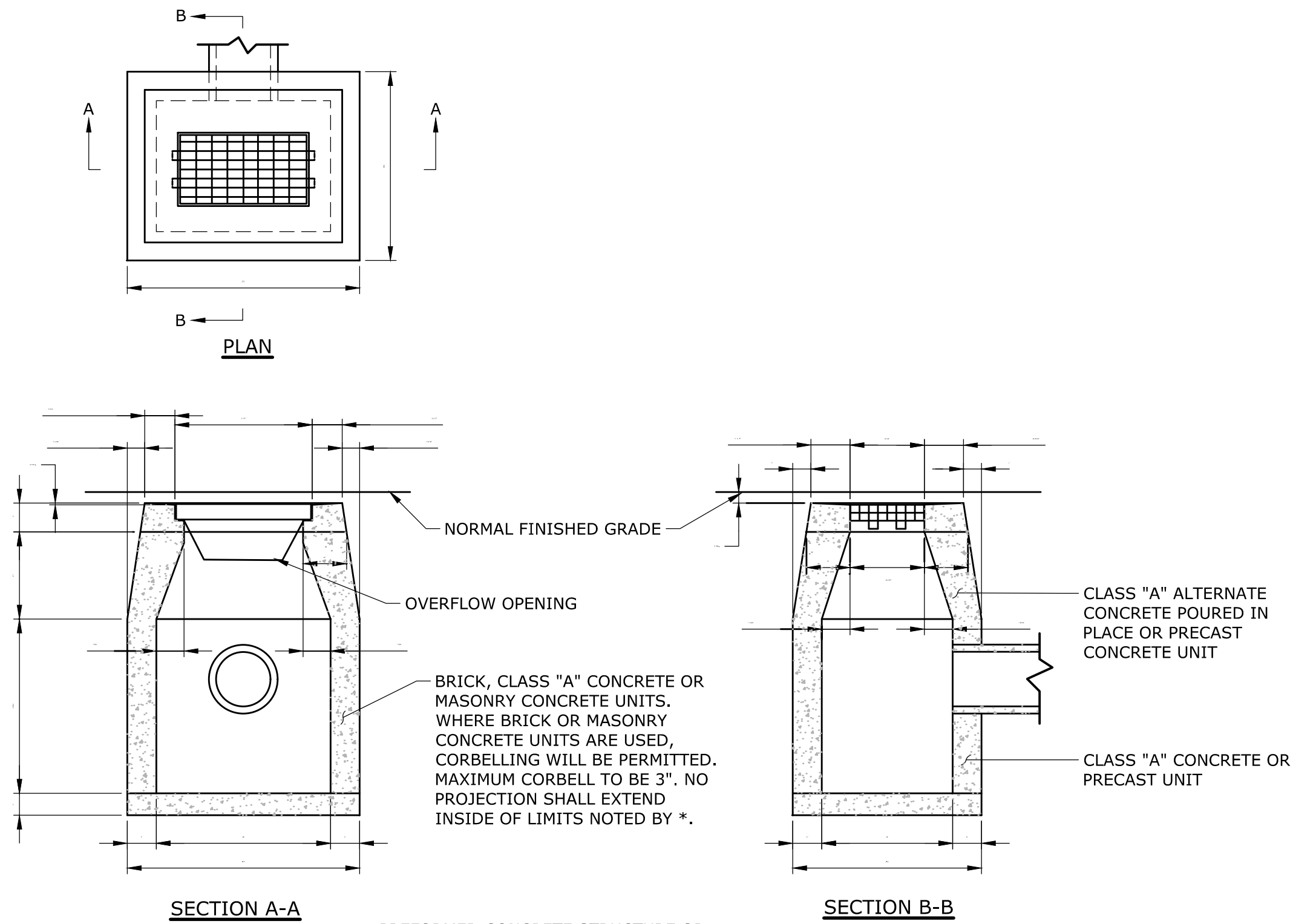


OUTLET PROTECTION ID	TYPE	SP (FT)	RP (FT)	LA (FT)	W1 (FT)	W2 (FT)	D (IN)
FES ANALYSIS POINT C	TYPE B INTER-MEDIATE	1.25	1.25	10.0	4.0	7.0	12

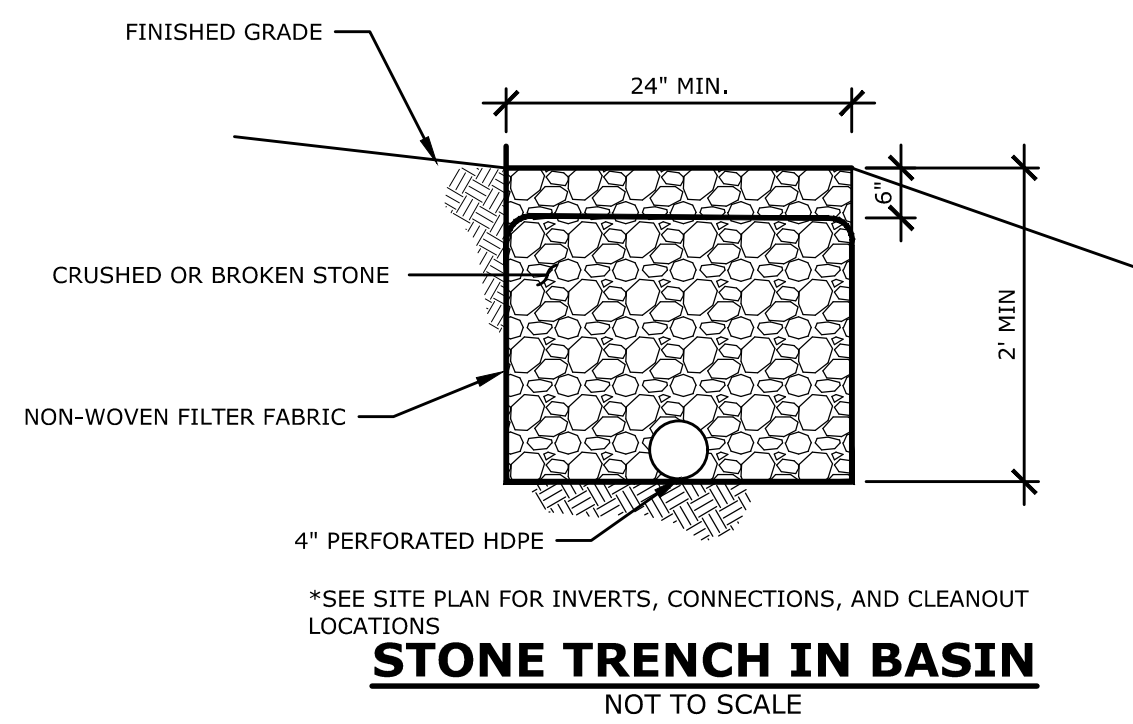
FLARED END WITH RIP RAP SPLASH PAD
NOT TO SCALE



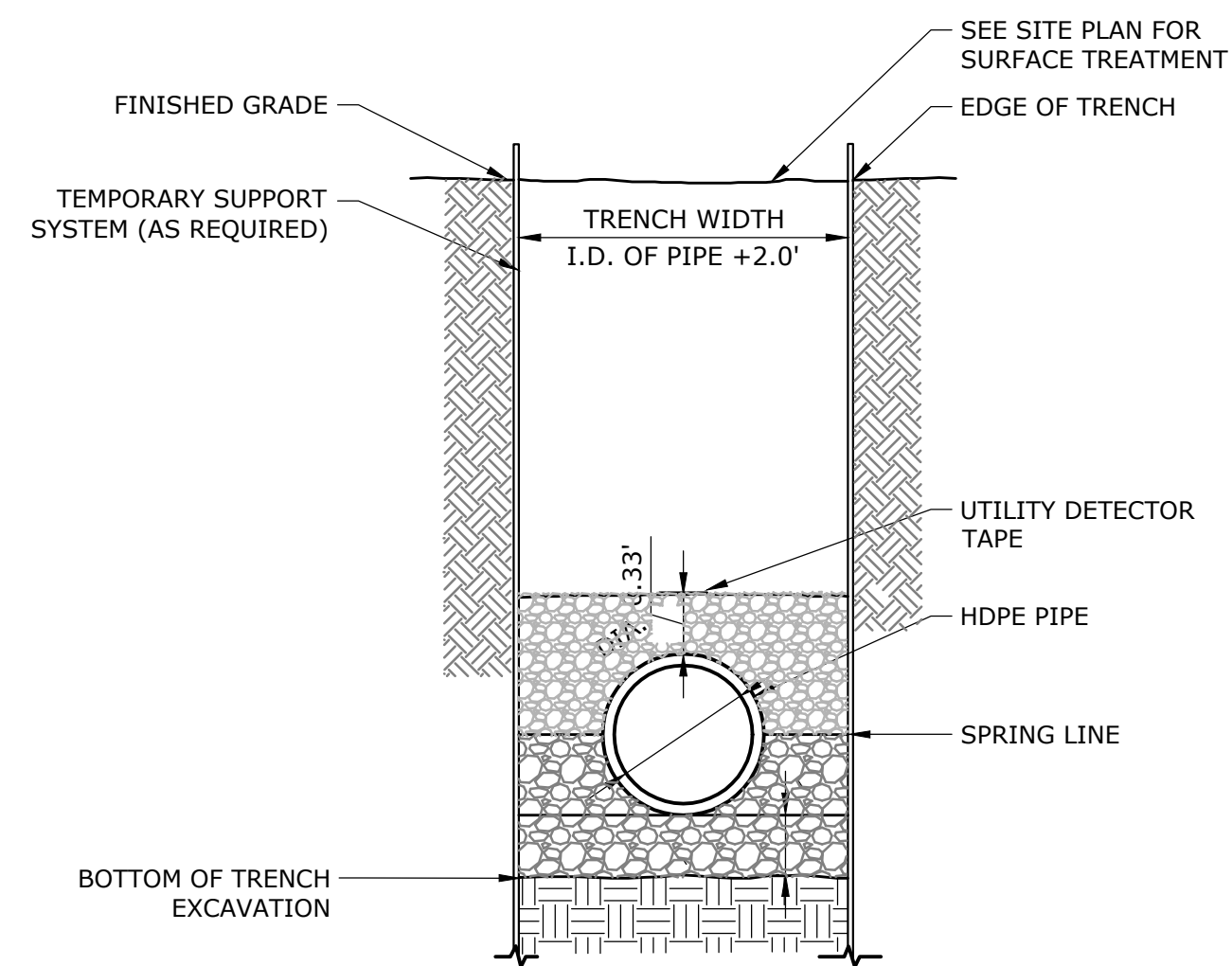
COLLECTOR PIPE SECTION
NOT TO SCALE



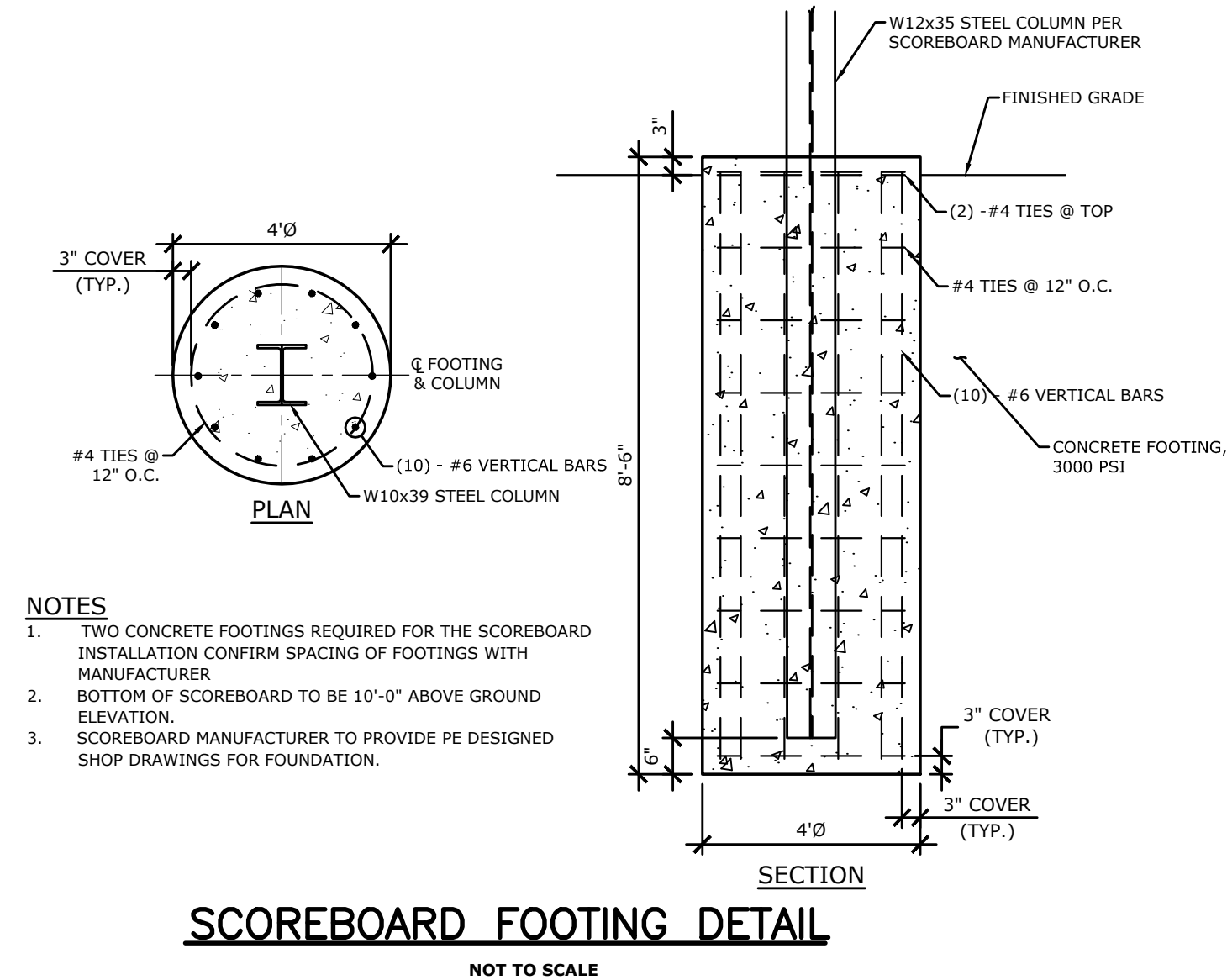
TYPICAL OUTLET CONTROL
STRUCTURE
NOT TO SCALE



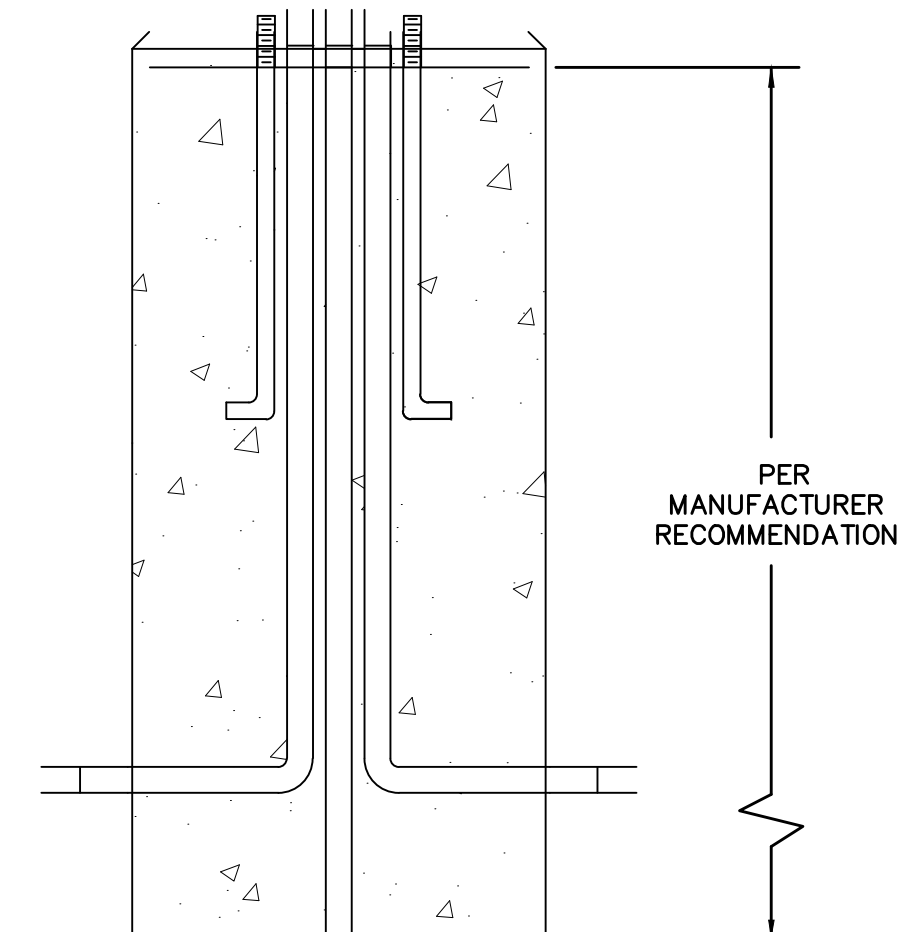
STONE TRENCH IN BASIN
NOT TO SCALE



TYPICAL STORM DRAINAGE TRENCH
NOT TO SCALE



SCOREBOARD FOOTING DETAIL

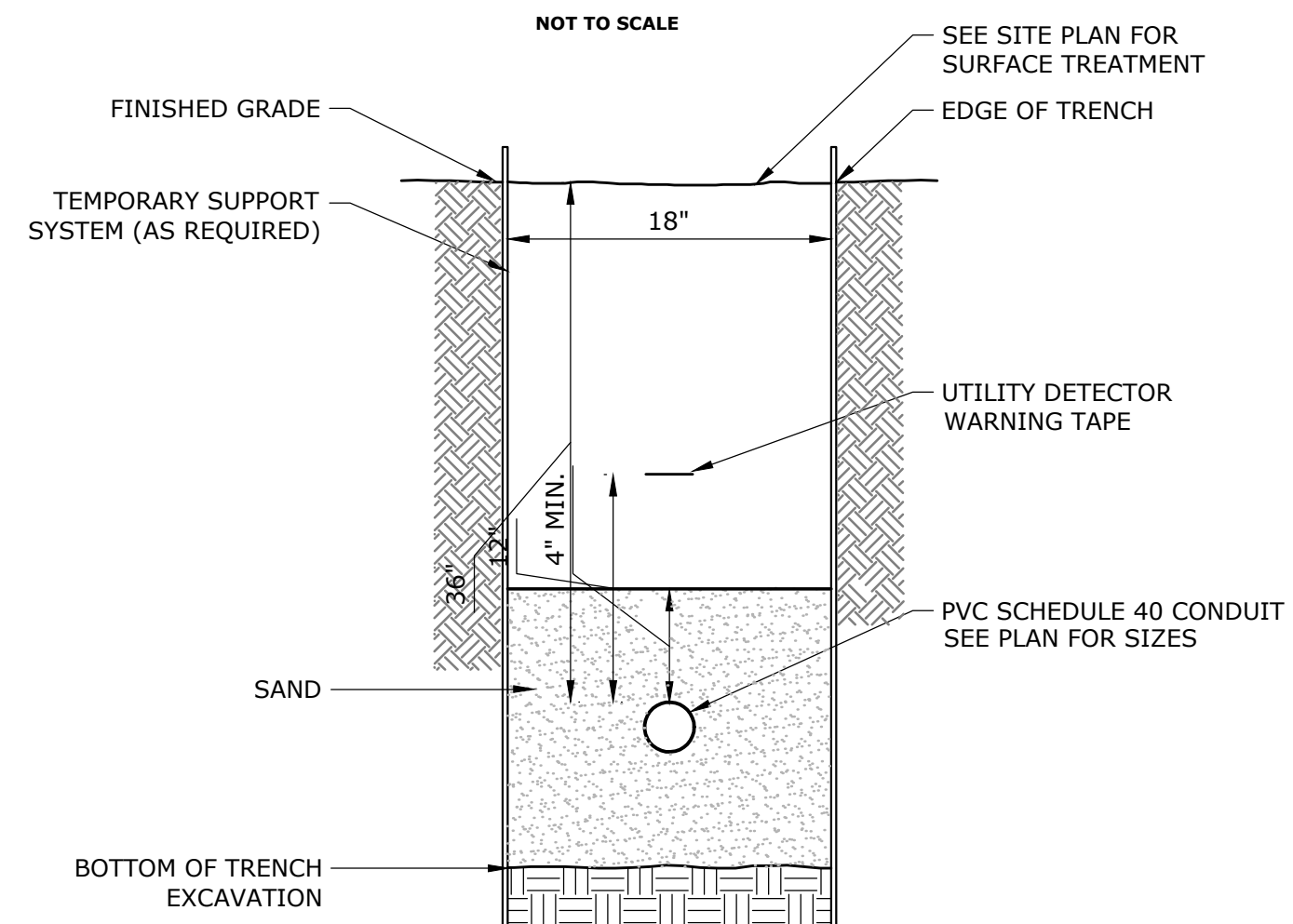


FRONT VIEW

DESIGN NOTES:

- 1 - CONCRETE 4000 PSI AT 28 DAYS.
- 2 - BASIS OF DESIGN: MUSCO LIGHTING PRECAST WITH REINFORCING AS SPECIFIED BY OEM.
- 3 - ANCHOR BOLTS AND GROUNDING AS SPECIFIED BY OEM.
- 4 - BALLAST POURED AROUND BASE IF REQUIRED.
- 5 - BOLT PROJECTION AS SPECIFIED BY POLE MANUFACTURER.
- 6 - 3/4" x 10' UL LISTED COPPER BONDED GROUND ROD.
- 7 - SEE PLAN FOR CONDUIT SIZES.
- 8 - EC TO COORDINATE CONDUIT ENTRANCE INTO THE FOUNDATION(S) PER SITE CONDITIONS/REQUIREMENTS.

TYPICAL ATHLETIC LIGHT POLE FOUNDATION DETAIL



TYPICAL ELECTRICAL
CONDUIT TRENCHING
NOT TO SCALE

[illegible]

SITE DETAILS

PROPOSED SYNTHETIC TURF FIELD AND TENNIS COURT DEVELOPMENT
SOUTH WINDSOR HIGH SCHOOL
AYERS ROAD AND NEVERS ROAD
SOUTH WINDSOR, CONNECTICUT

CEH DESIGNED	JDH DRAWN
NOT TO SCALE SCALE	
DECEMBER 15, 2023 DATE	

