

EXHIBIT C

GREENSKIES CLEAN ENERGY SOLAR ARRAY DEVELOPMENT

PRELIMINARY CIVIL DESIGN PLANS
SOUNDVIEW DRIVE
WOODBIDGE, CONNECTICUT



LOCATION MAP

NORTH



SITE MAP
NTS

INDEX OF DRAWINGS

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PRELIMINARY CIVIL DESIGN PLANS	
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REFERENCE NOTE:

1. AERIAL IMAGERY OBTAINED FROM GOOGLE EARTH.
2. PARCEL MAP OBTAINED FROM TOWN OF WOODBRIDGE GEOGRAPHIC INFORMATION SYSTEM (GIS).

REVISED SEPTEMBER 2025
CONNECTICUT SITING COUNCIL
REVIEW

PREPARED BY:

verdantas

1005 MAIN STREET, SUITE 8120
PAWTUCKET, RI 02860
TEL. 401.728.6860

Project No. 24412

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SURVEY NOTES

1. FIELD SURVEY BY RTK GPS & RTK DRONE IN SEPTEMBER 2024.
2. THE HORIZONTAL DATUM IS NAD83 AND VERTICAL DATUM IS NAVD88. BOTH WERE DERIVED FROM GPS OBSERVATIONS TAKEN ONSITE.
3. BOUNDARY LINES SHOWN HEREON ARE TAKEN FROM PLANS & DEED OF RECORD AND MONUMENTS FOUND.
4. THIS PLAN IS PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT AND IS SUBJECT TO MATTERS A TITLE REPORT WOULD DISCLOSE.
5. ALL CONTOURS SHOWN HEREON WERE GENERATED IN QGIS FROM DIGITAL ELEVATION MODELS OF THE 2016 CROCG LIDAR DATA, COLLECTED BY USGS AND DISTRIBUTED NOAA.
6. ACCORDING TO FEDERAL EMERGENCY MANAGEMENT AGENCY MAPS, THE LOCUS PARCELS ARE LOCATED IN AREAS IDENTIFIED AS ZONE C (AREAS OF MINIMAL FLOODING), COMMUNITY PANEL NO. 09009C 0407 J, EFFECTIVE DATE: 5/18/2017.
7. THE LOCUS PARCELS AND ALL ABUTTING PARCELS ARE LOCATED WITHIN THE RESIDENCE A ZONING DISTRICT.

WETLAND NOTES

1. NO WETLANDS WERE OBSERVED ONSITE BY A QUALIFIED VERDANTAS SOIL SCIENTIST.
2. BASED ON NATURAL RESOURCES CONSERVATION SERVICES (NRCS) ENTIRETY OF THE SITE IS DEFINED AS 60B, CANTON CHARLTON FINE SANDY LOAMS, 3 TO 8 PERCENT SLOPES.

TYPE OF SURVEY: BOUNDARY SURVEY

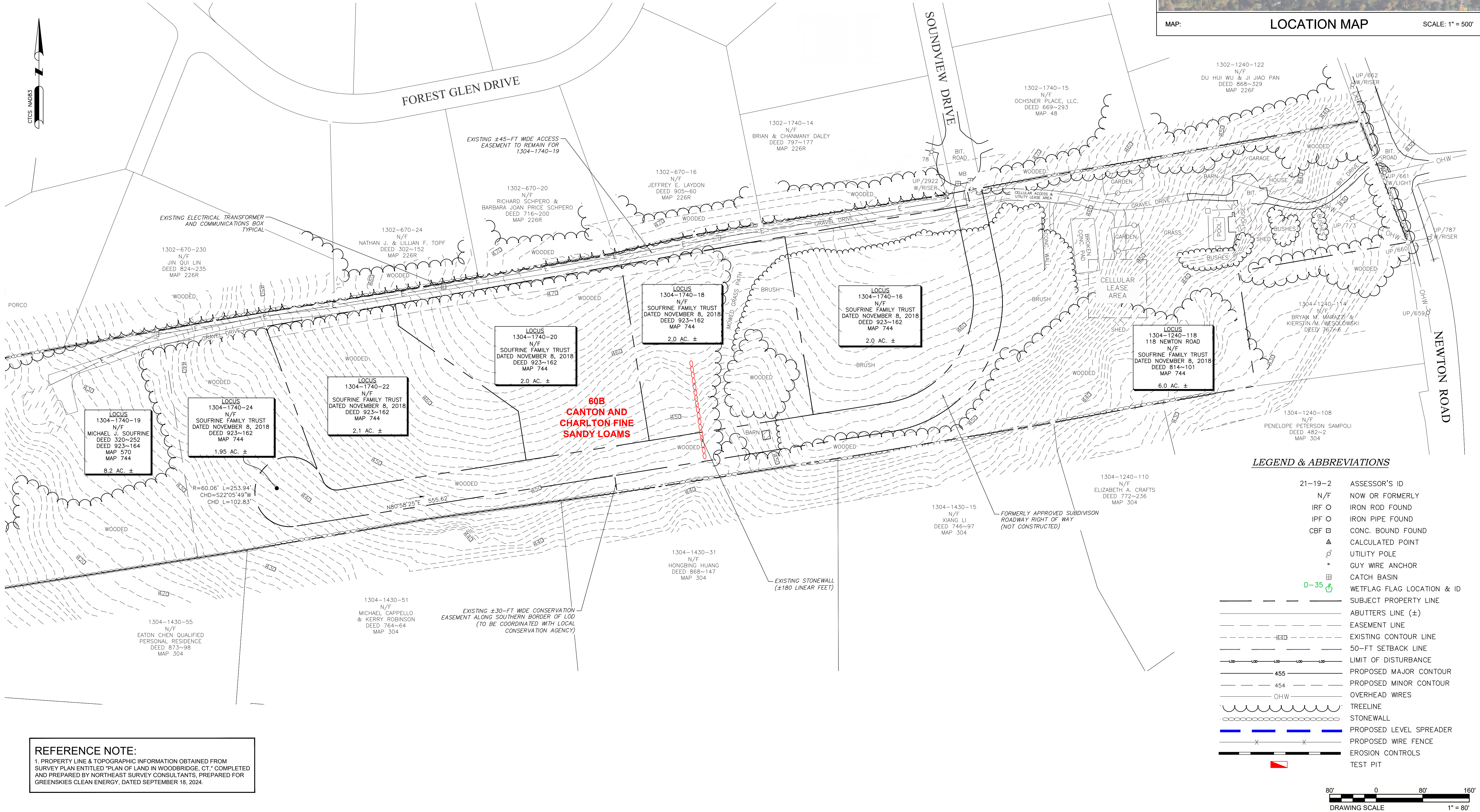
BOUNDARY SURVEY CATEGORY: DEPENDANT RESURVEY

CLASS OF ACCURACY: HORIZONTAL CLASS A-2
TOPOGRAPHIC CLASS T-3

PURPOSE OF SURVEY: PROPOSED SOLAR ARRAY

GENERAL NOTES

1. SUBDIVISION SHALL BE REMOVED AS PART OF THE APPROVAL PROCESS.
2. APPROXIMATE CELL TOWER LEASE AREA FOR THE TELECOMMUNICATIONS FACILITY APPROVED BY THE CONNECTICUT SITING COUNCIL DOCKET NO. 502 ON THE HOST PARCEL INCLUDED HEREIN WITH CORRESPONDING APPROXIMATE LINEAR DISTANCES FOR PROPOSED DEVELOPMENT (SEE SHEET C103).



REFERENCE NOTE:

1. PROPERTY LINE & TOPOGRAPHIC INFORMATION OBTAINED FROM SURVEY PLAN ENTITLED "PLAN OF LAND IN WOODBRIDGE, CT." COMPLETED AND PREPARED BY NORTHEAST SURVEY CONSULTANTS, PREPARED FOR GREENSKIES CLEAN ENERGY, DATED SEPTEMBER 18, 2024.



WOODBRIDGE-NEW HAVEN COUNTY-CONNECTICUT
EXISTING CONDITIONS PLAN
SOLAR ARRAY DEVELOPMENT
GREENSKIES CLEAN ENERGY
SOUNDVIEW DRIVE

DATE JUNE 2025

SCALE AS SHOWN

SHEET C101

verdantas
1005 MAIN STREET, SUITE NO.: 8120
PAWTUCKET, RI 02860

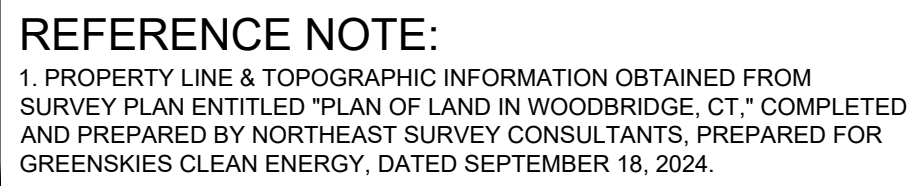
PROFESSIONAL ENGINEER NO.: 38447
STATE CONNECTICUT

DESIGNED BY	CHK'D BY	REVISION	No.
ED	9/12/2025	1. REVISIONS AS REQUIRED BY CSC REVIEW	1
DRAWN BY			
CHECKED BY			
PROJECT NO.			

1. ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THE PLANS SHALL BE IMPLEMENTED AND MAINTAINED THROUGH THE PROJECT IN ACCORDANCE WITH THE CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL. REFER TO ADDITIONAL EROSION AND SEDIMENT CONTROL REQUIREMENTS & DETAILS PROVIDED ON SHEET C108 OF THIS PLAN SET.
2. LAND DISTURBANCE ACTIVITIES SHALL BE ACCOMPLISHED IN A MANNER AND SEQUENCE THAT CAUSES THE LEAST PRACTICAL DISTURBANCE OF THE SITE AND ADJACENT AREAS. EROSION CONTROL MEASURES SHALL BE IMPLEMENTED PRIOR TO COMMENCING ANY EXCAVATION OR DISTURBANCE ACTIVITIES.
3. EROSION CONTROL MEASURES SHALL BE INSPECTED AND MAINTAINED THROUGHOUT THE DURATION OF THE WORK.
4. SOIL STOCKPILES SHALL NOT BE TALLER THAN 6-FEET.
5. THE CONTRACTOR SHALL COORDINATE REQUIREMENTS FOR SITE ACCESS AND AREAS FOR STAGING AND STORAGE WITHIN THE SITE LIMIT OF DISTURBANCE (LOD). THE CONTRACTOR SHALL ADHERE ALL CONDITIONS OF GENERAL PERMIT/REGULATORY APPROVAL GUIDELINES.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TEMPORARY CONSTRUCTION SEDIMENTATION BARRIER/CONTROLS TO LIMIT STORMWATER RUNOFF DOWN GRADIENT DURING EARTH DISTURBING ACTIVITIES.
7. CONTRACTOR SHALL BE RESPONSIBLE FOR PRE-CONSTRUCTION SEEDING TO ASSIST IN SOIL STABILIZATION FOLLOWING CLEARING AND GRUBBING WITHIN THE PROPOSED LIMIT OF DISTURBANCE (LOD).
8. DURING CLEARING AND GRUBBING CONTRACTOR SHALL GRADE CLEARED AREAS TO ACHIEVE SLOPES OF LESS THAN 10% WHERE POSSIBLE.

1. TEST PITS COMPLETED BY VERDANTAS PERSONNEL ON DECEMBER 18, 2024. PLEASE REFER TO THE TEST PIT LOG INFORMATION PROVIDED SEPARATELY WITHIN THE STORMWATER MANAGEMENT REPORT.
2. NO GROUNDWATER WAS ENCOUNTERED UP TO A MAXIMUM OF APPROXIMATELY 8-FEET BELOW GROUND SURFACE (BGS).
3. INFILTRATION TESTS WERE COMPLETED FOR TP-1, -4, AND -5 AND PROVIDED WITHIN THE STORMWATER MANAGEMENT REPORT. IN-FIELD CALCULATED INFILTRATION RATES WERE 1.32 IN/HR. HOWEVER, VERDANTAS DESIGNED IN ACCORDANCE WITH THE CONNECTICUT STORMWATER QUALITY MANUAL (DATED MARCH 2024) FOR TYPE "A" SANDY LOAM WITH AN INFILTRATION RATE OF 1.02 IN/HR.
4. THE TESTS PITS ARE MARKED IN-FIELD WITH SURVEY STAKES IN ACCORDANCE WITH CT DEEP REQUIREMENTS.
5. THE TEST PIT COORDINATES ARE PROVIDED HEREIN.
 - TP-1 NORTING = 694765.5009; EASTING = 928277.7048
 - TP-2 NORTING = 694788.9742; EASTING = 928261.9112
 - TP-4 NORTING = 694648.3426; EASTING = 927772.1119
 - TP-5 NORTING = 694640.2494; EASTING = 928330.6855

1. SUBDIVISION & CELL TOWER EASEMENTS SHALL BE REMOVED AS PART OF THE APPROVAL PROCESS.

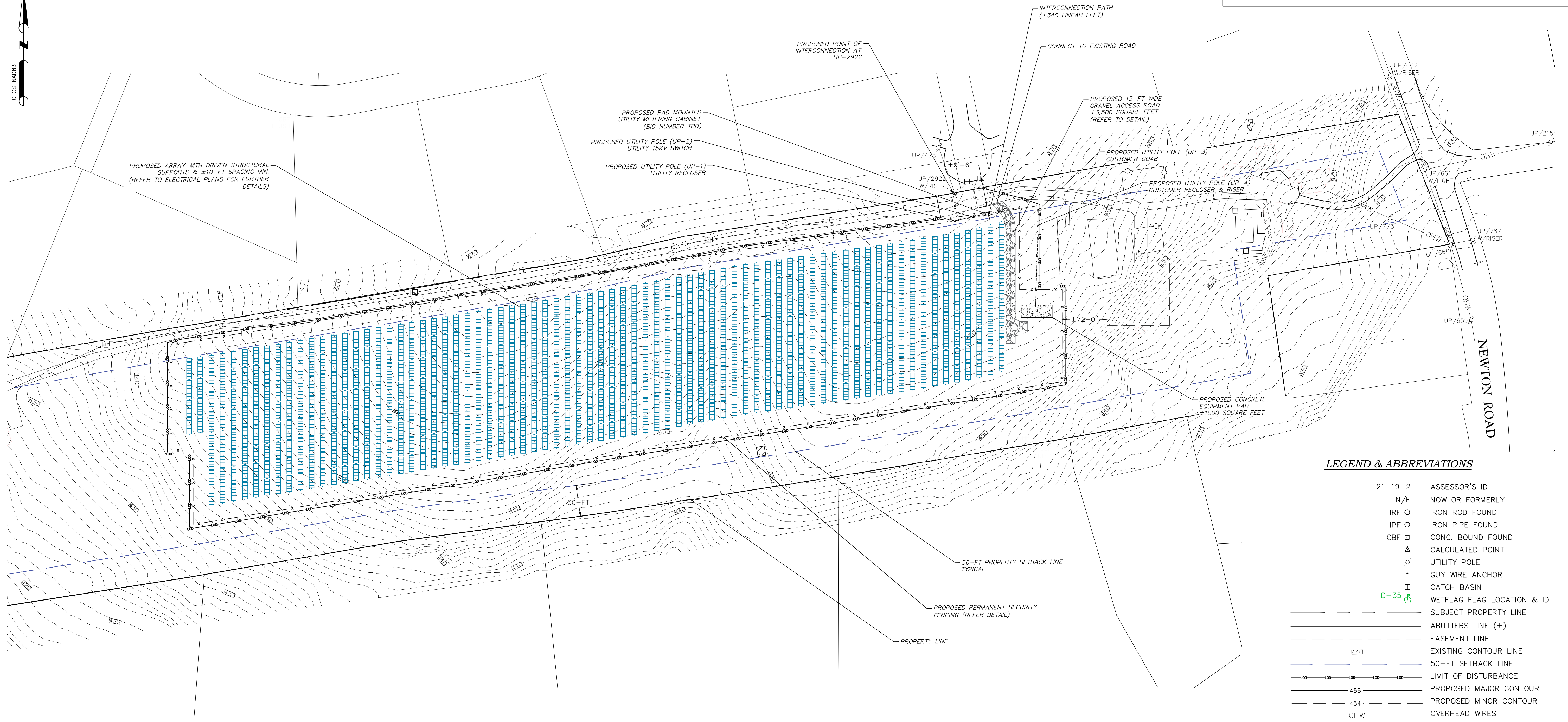
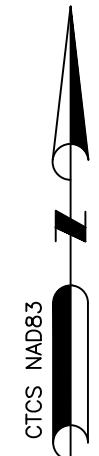


WOODBRIDGE-NEW HAVEN COUNTY-CONNECTICUT		DESIGNED BY		PROFESSIONAL ENGINEER NO. 3647
DATE		CHD BY		
JUNE 2025		DATE		
SCALE		ED		
AS SHOWN		9/12/2025		
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		PROJECT NO.		
		2442		STATE: CONNECTICUT

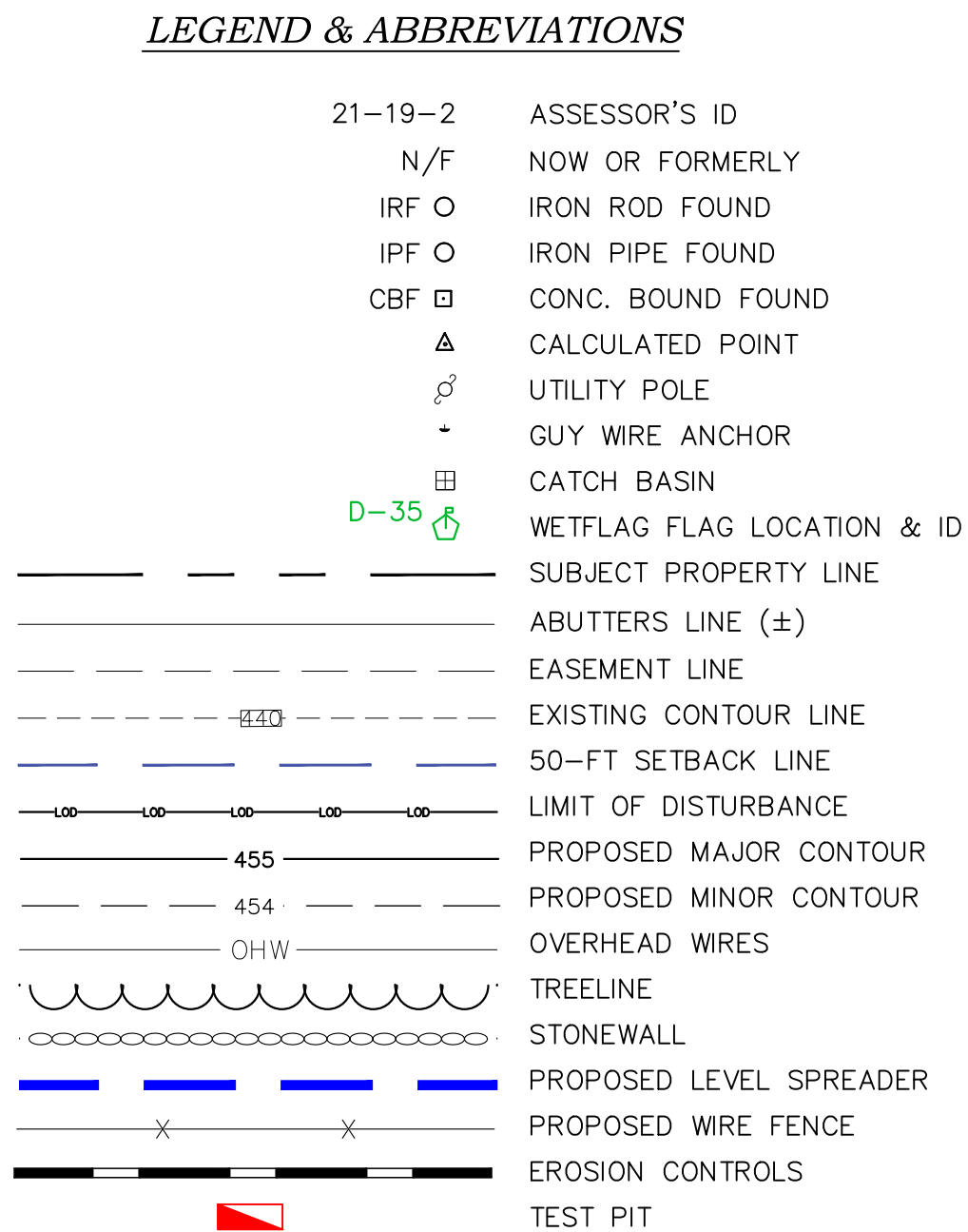
SYSTEM SIZE (DC)	2.439 MW
SYSTEM SIZE (AC)	1.999 MW
TOTAL SYSTEM AREA	8.73 ACRES
PANEL TYPE	QCELL DUO ML-G12S (670W) / QCELL Q.TRON XL-G2 (615W)
PANEL QUANTITY	3,796 TOTAL (1,898 / 1,898)
PANEL AZIMUTH	0°
ROW SPACING	10-FEET
INVERTER	(16) SOLECTRIA XGI 125W*

GENERAL NOTES

1. SUBDIVISION & CELL TOWER EASEMENTS SHALL BE REMOVED AS PART OF THE APPROVAL PROCESS.
2. CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE WITH ELECTRICAL PLAN FOR FURTHER TECHNICAL SPECIFICATIONS & DETAILS OF THE PANEL & INTERCONNECTION SYSTEM.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR STAKING OF LIMIT OF DISTURBANCE PRIOR TO ANY CONSTRUCTION ACTIVITY. THE LIMITS OF DISTURBANCE SHOULD BE MARKED WITH ORANGE CONSTRUCTION FENCE BARRIERS WITH ACCOMPANYING SIGN.



1. PROPERTY LINE & TOPOGRAPHIC INFORMATION OBTAINED FROM SURVEY PLAN ENTITLED "PLAN OF LAND IN WOODBRIDGE, CT," COMPLETED AND PREPARED BY NORTHEAST SURVEY CONSULTANTS, PREPARED FOR GREENSKIES CLEAN ENERGY, DATED SEPTEMBER 18, 2024.
2. PROPOSED SOLAR LAYOUT OBTAINED FROM PLAN PREPARED BY GREENSKIES, ENTITLED "PROPOSED PHOTOVOLTAIC ARRAY," DATED NOVEMBER 12, 2024.



verdantas

1005 MAIN STREET, SUITE NO.: 8120
PAWTUCKET, RI 02860

STATE: CONNECTICUT

WOODBRIDGE-NEW HAVEN COUNTY~CONNECTICUT

PROPOSED OVERALL LAYOUT PLAN

SOLAR ARRAY DEVELOPMENT

GREENSKIES CLEAN ENERGY
SOUNDVIEW DRIVE

DATE JUNE 2025

SCALE AS SHOWN

SHEET

C103

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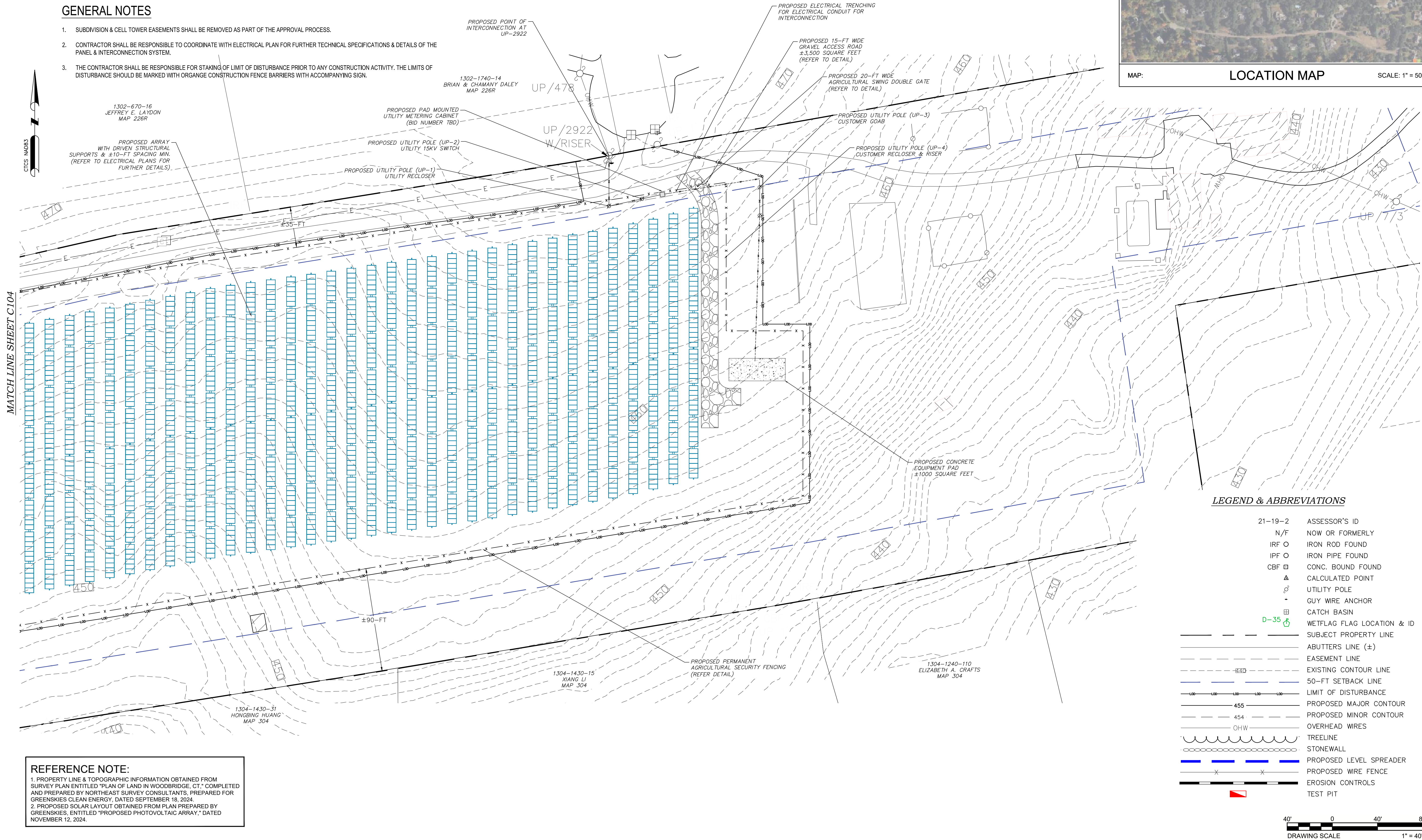
SYSTEM INFORMATION

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* PRELIMINARY EQUIPMENT SELECTION, EQUIVALENT ALTERNATIVE MAY BE USED IN ACTUAL INSTALLATION

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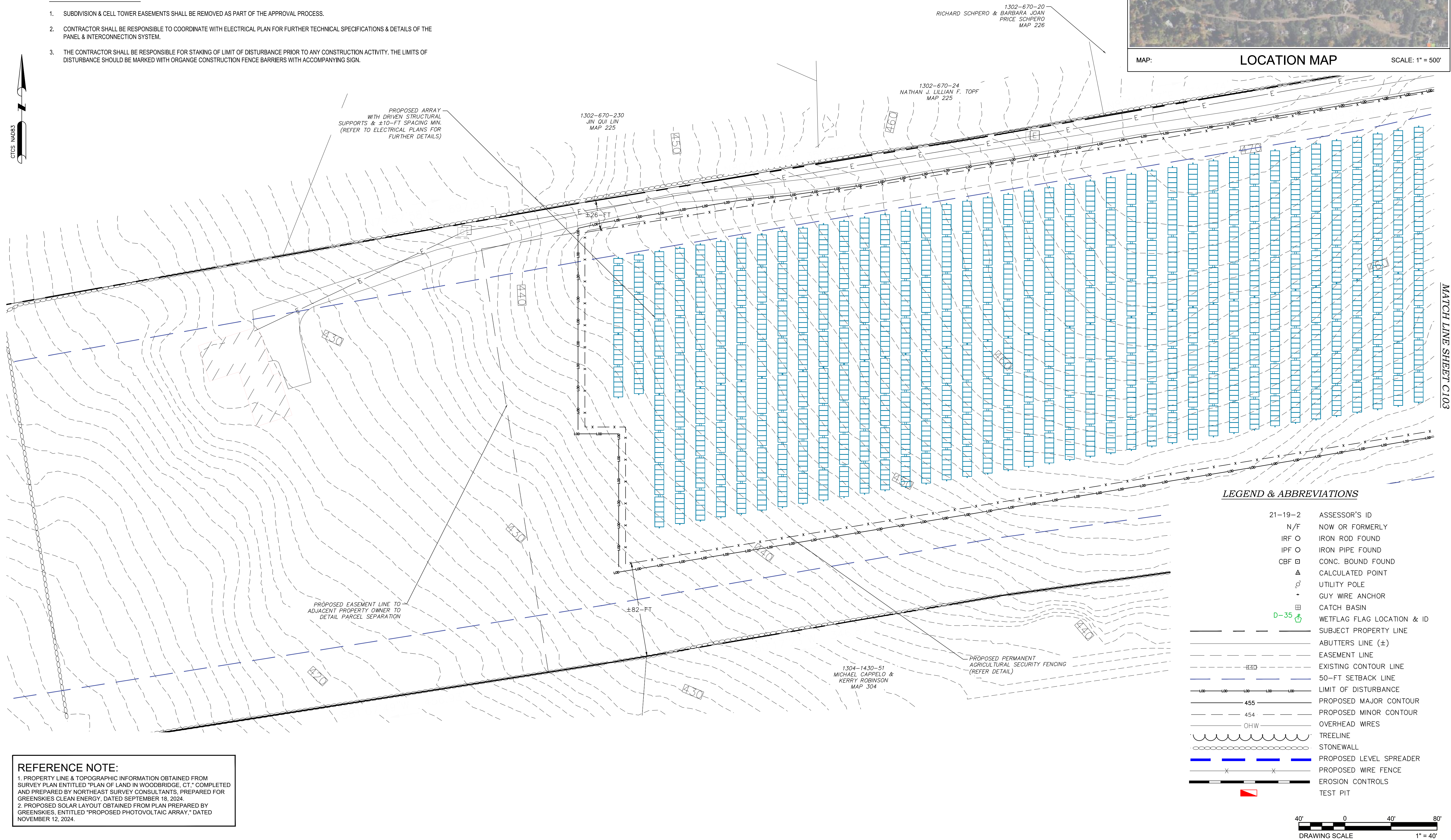
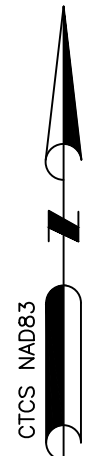
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verdantas

1005 MAIN STREET, SUITE NO.: 8120
PAWTUCKET, RI 02860

STATE: CONNECTICUT

**WOODBRIDGE-NEW HAVEN COUNTY-CONNECTICUT
PROPOSED LAYOUT PLAN 2
SOLAR ARRAY DEVELOPMENT
GREENSKIES CLEAN ENERGY
SOUNDVIEW DRIVE**

JUNE 2025

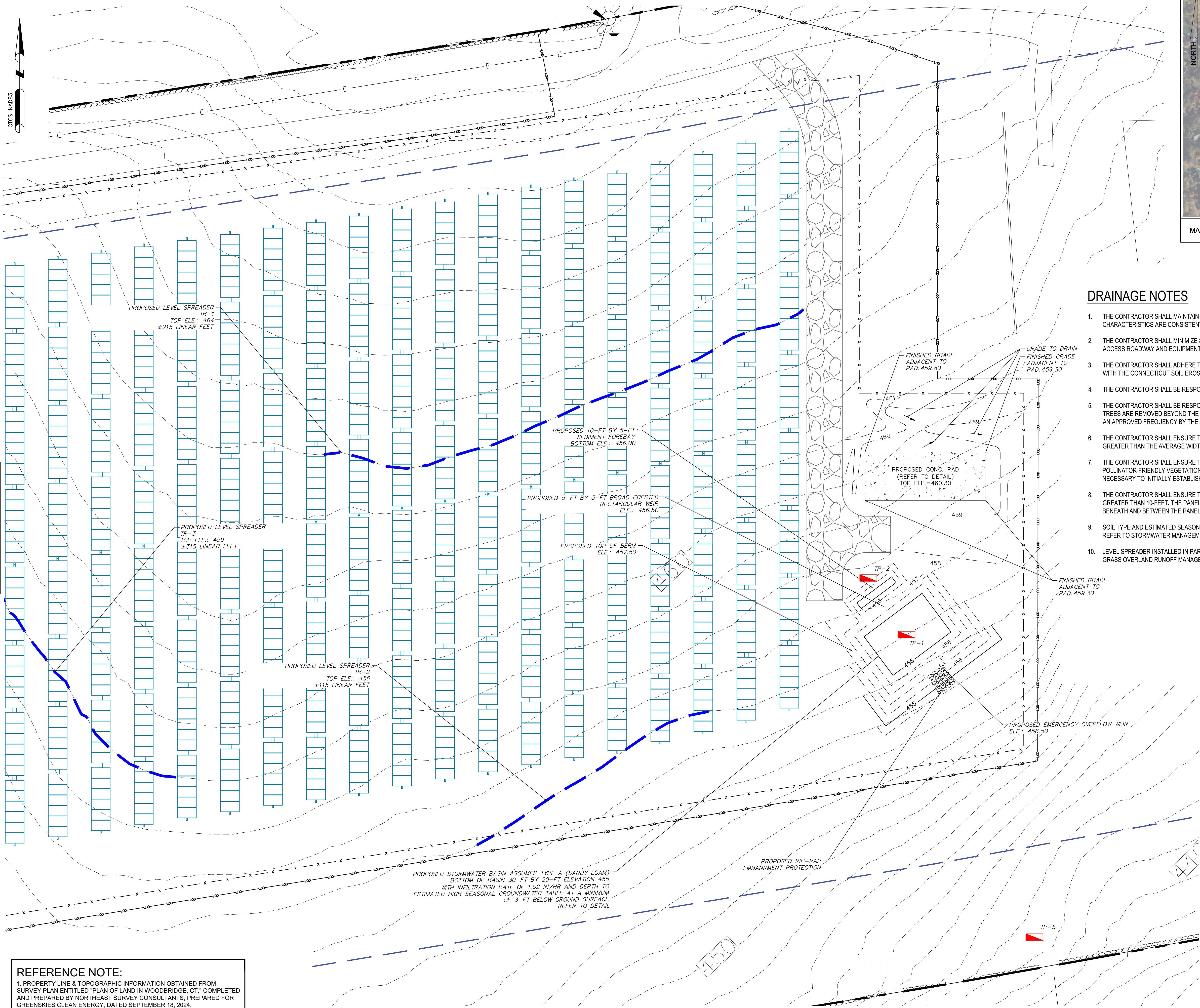
SCALE AS SHOWN

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MATCH LINE SHEET C107



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- PROPOSED SOLAR LAYOUT OBTAINED FROM PLAN PREPARED BY GREENSKIES, ENTITLED "PROPOSED PHOTOVOLTAIC ARRAY," DATED NOVEMBER 12, 2024.

DRAINAGE NOTES

- THE CONTRACTOR SHALL MAINTAIN ALL EXISTING GRADES TO THE BEST EXTENT POSSIBLE TO ENSURE PRE-DEVELOPMENT STORMWATER FLOW CHARACTERISTICS ARE CONSISTENT POST-CONSTRUCTION, UNLESS OTHERWISE SPECIFIED BY THE DESIGN PLANS INCLUDED HEREIN.
- THE CONTRACTOR SHALL MINIMIZE SOIL COMPACTION AS PART OF DEVELOPMENT BEYOND THAT THAN WHAT IS REQUIRED FOR THE GRAVEL ACCESS ROADWAY AND EQUIPMENT PAD.
- THE CONTRACTOR SHALL ADHERE TO A PHASED APPROACH TO LIMIT THE TOTAL ACREAGE DISTURBED TO LESS THAN 5 ACRES IN ACCORDANCE WITH THE CONNECTICUT SOIL EROSION AND SEDIMENT CONTROL GUIDELINES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR AN AS-BUILT TOPOGRAPHIC SURVEY TO CONFIRM SITE COMPLIANCE POST-CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO LIMIT VEGETATION CLEARING WITHIN THE APPROVED LIMITS OF DISTURBANCE. IN THE EVENT TREES ARE REMOVED BEYOND THE LIMIT OF DISTURBANCE, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACEMENT OF SAID TREES AT AN APPROVED FREQUENCY BY THE OWNER.
- THE CONTRACTOR SHALL ENSURE THAT THE VEGETATED AREAS RECEIVING RUNOFF BETWEEN ROWS OF SOLAR PANELS IS EQUAL TO OR GREATER THAN THE AVERAGE WIDTH OF THE ROW OF SOLAR PANELS DRAINING TO THE VEGETATED AREA.
- THE CONTRACTOR SHALL ENSURE THAT SOLAR PANELS SHALL BE CONSTRUCTED IN SUCH A WAY TO ALLOW FOR GROWTH OF POLLINATOR-FRIENDLY VEGETATION. WITH LIMITATION OF CHEMICAL FERTILIZERS, HERBICIDES, OR PESTICIDES CANNOT BE USED EXCEPT AS NECESSARY TO INITIALLY ESTABLISH VEGETATION.
- THE CONTRACTOR SHALL ENSURE THAT THE LOWEST VERTICAL CLEARANCE OF THE SOLAR PANELS ABOVE THE GROUND SHALL NOT BE GREATER THAN 10-FEET. THE PANELS SHALL, HOWEVER, BE AT ADEQUATE HEIGHT TO SUPPORT VEGETATIVE GROWTH AND MAINTENANCE BENEATH AND BETWEEN THE PANELS.
- SOIL TYPE AND ESTIMATED SEASONAL HIGH GROUNDWATER TABLE OBTAINED BY VERDANTAS PERSONNEL ON DECEMBER 18 2024. PLEASE REFER TO STORMWATER MANAGEMENT REPORT FOR FURTHER DETAILS AND CALCULATIONS.
- LEVEL SPREADER INSTALLED IN PARALLEL WITH EXISTING TOPOGRAPHY IN ACCORDANCE WITH CT DEEP STORMWATER MANUAL GUIDELINES FOR GRASS OVERLAND RUNOFF MANAGEMENT.

LEGEND & ABBREVIATIONS

21-19-2	ASSESSOR'S ID
N/F	NOW OR FORMERLY
IRF O	IRON ROD FOUND
IPF O	IRON PIPE FOUND
CBF □	CONC. BOUND FOUND
△	CALCULATED POINT
⊙	UTILITY POLE
•	GUY WIRE ANCHOR
⊠	CATCH BASIN
D-35	WETFLAG FLAG LOCATION & ID
---	SUBJECT PROPERTY LINE
---	ABUTTERS LINE (±)
---	EASEMENT LINE
---	EXISTING CONTOUR LINE
---	50-FT SETBACK LINE
---	LIMIT OF DISTURBANCE
---	PROPOSED MAJOR CONTOUR
---	PROPOSED MINOR CONTOUR
---	OVERHEAD WIRES
---	TREELINE
---	STONEWALL
---	PROPOSED LEVEL SPREADER
---	PROPOSED WIRE FENCE
---	EROSION CONTROLS
---	TEST PIT

20' 0 20' 40'
DRAWING SCALE 1" = 20'



WOODBRIDGE-NEW HAVEN COUNTY-CONNECTICUT
PROPOSED DRAINAGE PLAN 1
SOLAR ARRAY DEVELOPMENT
GREENSKIES CLEAN ENERGY
SOUNDVIEW DRIVE

DATE JUNE 2025

SCALE AS SHOWN

SHEET **C106**

PROFESSIONAL ENGINEER NO. 38447

DESIGNED BY

CHK'D BY

REVISION

No.

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REVISIONS AS REQUIRED BY CSC REVIEW

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DRAWN BY

ED

CHECKED BY

CC

PROJECT NO.

24412

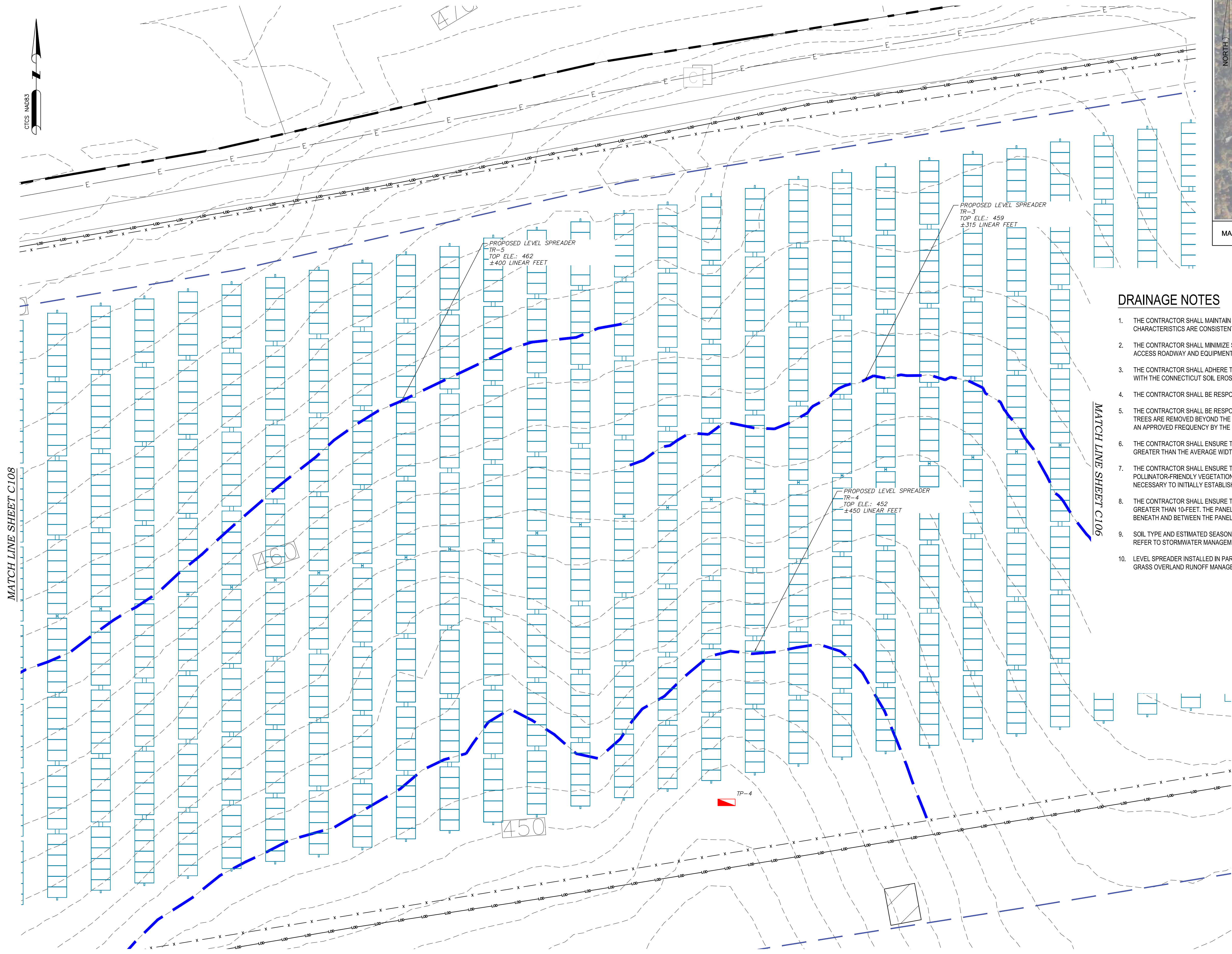
STATE

CONNECTICUT

verdantas

1005 MAIN STREET, SUITE NO.: 8120
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DRAINAGE NOTES

1. THE CONTRACTOR SHALL MAINTAIN ALL EXISTING GRADES TO THE BEST EXTENT POSSIBLE TO ENSURE PRE-DEVELOPMENT STORMWATER FLOW CHARACTERISTICS ARE CONSISTENT POST-CONSTRUCTION, UNLESS OTHERWISE SPECIFIED BY THE DESIGN PLANS INCLUDED HEREIN.
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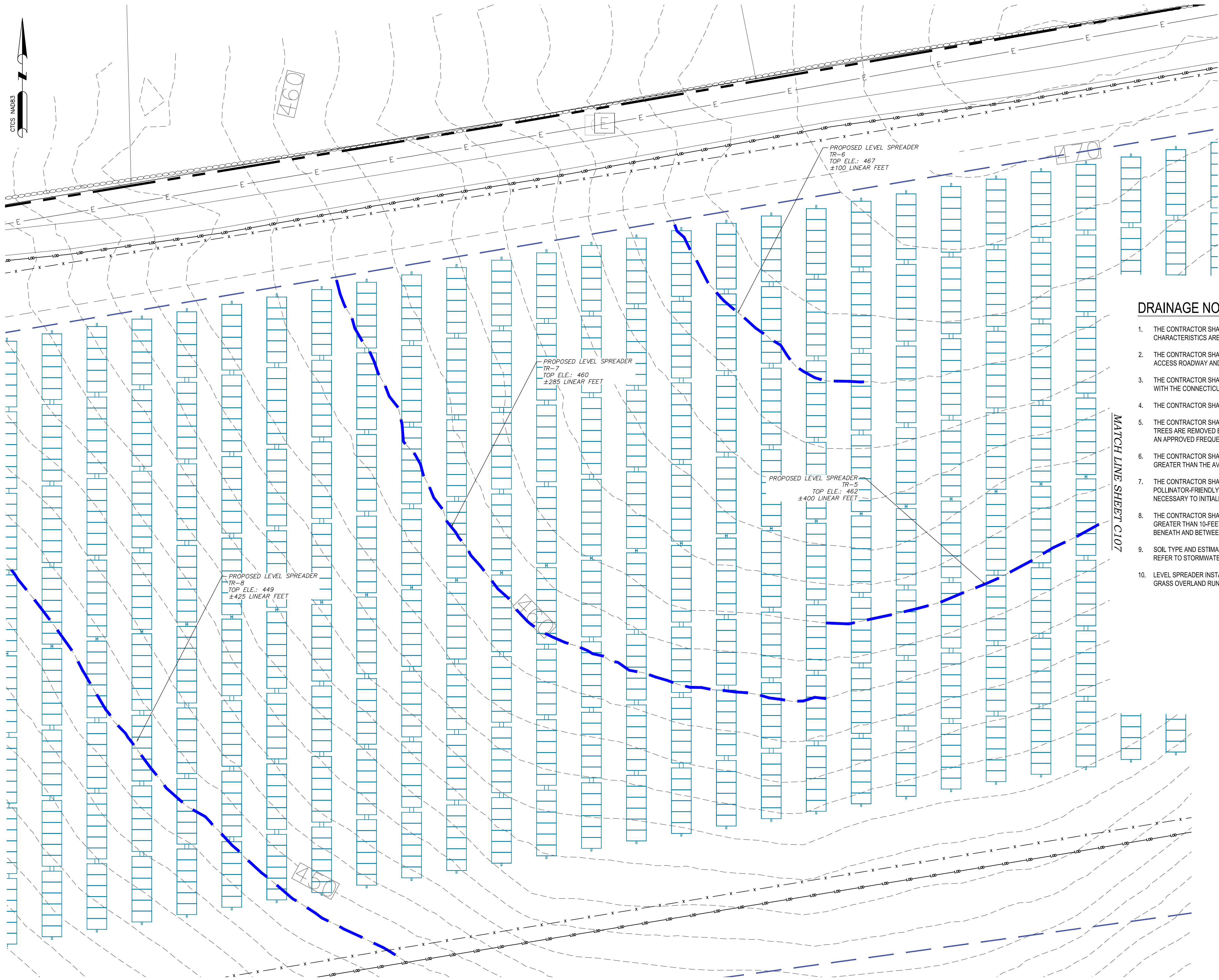
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REFERENCE NOTE:

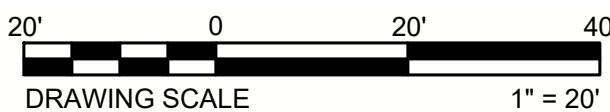
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DRAINAGE NOTES

1. THE CONTRACTOR SHALL MAINTAIN ALL EXISTING GRADES TO THE BEST EXTENT POSSIBLE TO ENSURE PRE-DEVELOPMENT STORMWATER FLOW CHARACTERISTICS ARE CONSISTENT POST-CONSTRUCTION, UNLESS OTHERWISE SPECIFIED BY THE DESIGN PLANS INCLUDED HEREIN.
2. THE CONTRACTOR SHALL MINIMIZE SOIL COMPACTION AS PART OF DEVELOPMENT BEYOND THAT THAN WHAT IS REQUIRED FOR THE GRAVEL ACCESS ROADWAY AND EQUIPMENT PAD.
3. THE CONTRACTOR SHALL ADHERE TO A PHASED APPROACH TO LIMIT THE TOTAL ACREAGE DISTURBED TO LESS THAN 5 ACRES IN ACCORDANCE WITH THE CONNECTICUT SOIL EROSION AND SEDIMENT CONTROL GUIDELINES.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AN AS-BUILT TOPOGRAPHIC SURVEY TO CONFIRM SITE COMPLIANCE POST-CONSTRUCTION.
5. THE CONTRACTOR SHALL BE RESPONSIBLE TO LIMIT VEGETATION CLEARING WITHIN THE APPROVED LIMITS OF DISTURBANCE. IN THE EVENT TREES ARE REMOVED BEYOND THE LIMIT OF DISTURBANCE, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACEMENT OF SAID TREES AT AN APPROVED FREQUENCY BY THE OWNER.
6. THE CONTRACTOR SHALL ENSURE THAT THE VEGETATED AREAS RECEIVING RUNOFF BETWEEN ROWS OF SOLAR PANELS IS EQUAL TO OR GREATER THAN THE AVERAGE WIDTH OF THE ROW OF SOLAR PANELS DRAINING TO THE VEGETATED AREA.
7. THE CONTRACTOR SHALL ENSURE THAT SOLAR PANELS SHALL BE CONSTRUCTED IN SUCH A WAY TO ALLOW FOR GROWTH OF POLLINATOR-FRIENDLY VEGETATION. WITH LIMITATION OF CHEMICAL FERTILIZERS, HERBICIDES, OR PESTICIDES CANNOT BE USED EXCEPT AS NECESSARY TO INITIALLY ESTABLISH VEGETATION.
8. THE CONTRACTOR SHALL ENSURE THAT THE LOWEST VERTICAL CLEARANCE OF THE SOLAR PANELS ABOVE THE GROUND SHALL NOT BE GREATER THAN 10-FEET. THE PANELS SHALL, HOWEVER, BE AT ADEQUATE HEIGHT TO SUPPORT VEGETATIVE GROWTH AND MAINTENANCE BENEATH AND BETWEEN THE PANELS.
9. SOIL TYPE AND ESTIMATED SEASONAL HIGH GROUNDWATER TABLE OBTAINED BY VERDANTAS PERSONNEL ON DECEMBER 18 2024. PLEASE REFER TO STORMWATER MANAGEMENT REPORT FOR FURTHER DETAILS AND CALCULATIONS.
10. LEVEL SPREADER INSTALLED IN PARALLEL WITH EXISTING TOPOGRAPHY IN ACCORDANCE WITH CT DEEP STORMWATER MANUAL GUIDELINES FOR GRASS OVERLAND RUNOFF MANAGEMENT.

LEGEND & ABBREVIATIONS

21-19-2	ASSESSOR'S ID
N/F	NOW OR FORMERLY
IRF O	IRON ROD FOUND
IPF O	IRON PIPE FOUND
CBF □	CONC. BOUND FOUND
△	CALCULATED POINT
⊙	UTILITY POLE
•	GUY WIRE ANCHOR
⊠	CATCH BASIN
D-35	WETFLAG FLAG LOCATION & ID
---	SUBJECT PROPERTY LINE
---	ABUTTERS LINE (±)
---	EASEMENT LINE
- - - - -	EXISTING CONTOUR LINE
---	50-FT SETBACK LINE
---	LIMIT OF DISTURBANCE
---	PROPOSED MAJOR CONTOUR
---	PROPOSED MINOR CONTOUR
---	OVERHEAD WIRES
---	TREELINE
---	STONEWALL
---	PROPOSED LEVEL SPREADER
---	PROPOSED WIRE FENCE
---	EROSION CONTROLS
---	TEST PIT



WOODBRIDGE-NEW HAVEN COUNTY-CONNECTICUT
PROPOSED DRAINAGE PLAN 3
SOLAR ARRAY DEVELOPMENT
GREENSKIES CLEAN ENERGY
SOUNDVIEW DRIVE

DATE JUNE 2025

SCALE AS SHOWN

SHEET **C108**

1005 MAIN STREET, SUITE NO.: 8120
PAWTUCKET, RI 02860

PROFESSIONAL ENGINEER NO.: 38447

STATE: CONNECTICUT

DESIGNED BY	CHK'D BY	REVISION	No.
ED	ED	1. REVISIONS AS REQUIRED BY CSC REVIEW	1
DRAWN BY	ED		
CHECKED BY	CC		
PROJECT NO.	24412		

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SOIL EROSION & SEDIMENT CONTROL NOTES:

1.

ALL SOIL EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMP'S) WILL BE INSTALLED IN ACCORDANCE WITH THE CONNECTICUT (CT) GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL AND WILL BE INSTALLED IN PROPER SEQUENCE AND MAINTAINED UNTIL PERMANENT STABILIZATION IS ESTABLISHED.
2.

ANY DISTURBED AND STOCKPILE AREAS THAT WILL BE LEFT EXPOSED FOR MORE THAN 30 DAYS AND NOT SUBJECT TO CONSTRUCTION TRAFFIC SHALL IMMEDIATELY RECEIVE A TEMPORARY SEEDING AND MULCHING. IF THE SEASON PROHIBITS TEMPORARY SEEDING, THE DISTURBED AREA WILL BE MULCHED WITH STRAW, HAY, OR EQUIVALENT AND BOUND IN ACCORDANCE WITH THE CT STANDARDS (I.E., TACKIFIERS, NETTING, ETC.)
3.

IMMEDIATELY FOLLOWING INITIAL DISTURBANCE OR ROUGH GRADING, ALL CRITICAL AREAS SUBJECT TO EROSION WILL RECEIVE A TEMPORARY SEEDING IN COMBINATION WITH STRAW MULCH OR A SUITABLE EQUIVALENT, AT A MINIMUM RATE OF 40 POUNDS PER ACRE AND IN ACCORDANCE WITH THE CT STANDARDS.
4.

THE SITE SHALL AT ALL TIMES BE GRADED AND MAINTAINED SUCH THAT ALL STORM WATER RUNOFF IS DIVERTED AWAY FROM DISTURBED AREAS TO APPROPRIATE SEDIMENT CONTROLS.
5.

SOIL EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSPECTED AND MAINTAINED ON A REGULAR BASIS, INCLUDING AFTER EVERY STORM EVENT THAT IS 0.1 INCHES OR GREATER, THROUGHOUT THE DURATION OF THE WORK.
6.

ALIGNMENT SILT FENCE/FILTER SOCK SHALL BE INSTALLED AS NECESSARY TO MAINTAIN SOIL EROSION AND SEDIMENT CONTROLS.
7.

STOCKPILES ARE NOT TO BE LOCATED WITHIN 50' OF A 3:1 OR STEEPER SLOPE, ROADWAY OR DRAINAGE FACILITY. ALL STOCKPILES SHALL BE ADEQUATELY PROTECTED FROM THE 100-YEAR FLOOD EVENT AND LOCATED AT LEAST 50 FEET FROM A WATER COURSE. THE BASE OF ALL STOCKPILES SHALL BE CONTAINED BY SILT FENCE OR OTHER APPROVED SEDIMENT BARRIER.
8.

SLOPE EROSION CONTROL BLANKETS SHALL BE UTILIZED ON SLOPES IN EXCESS OF 10%.
9.

ALL SOIL WASHED, DROPPED, SPILLED, OR TRACKED OUTSIDE THE LIMIT OF WORK OR ONTO PUBLIC/PRIVATE RIGHT-OF-WAYS WILL BE REMOVED IMMEDIATELY. PAVED ROADWAYS MUST BE KEPT CLEAN AT ALL TIMES AS DIRECTED BY THE OWNER'S REPRESENTATIVE.
10.

DUST SHALL BE CONTROLLED VIA THE APPLICATION OF WATER, OR OTHER APPROVED METHOD IN ACCORDANCE WITH THE CT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL, CHAPTER 5, SECTION 2, DUST CONTROL.
11.

TREES TO REMAIN AFTER CONSTRUCTION ARE TO BE PROTECTED WITH A SUITABLE FENCE INSTALLED AT THE DRIP LINE OR BEYOND IN ACCORDANCE WITH THE CT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL, CHAPTER 5, SECTION 1, TREE PROTECTION.
12.

A COPY OF THE SOIL EROSION AND SEDIMENT CONTROL PLAN MUST BE AVAILABLE AT THE PROJECT SITE THROUGHOUT CONSTRUCTION.
13.

THE CT DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION (CTDEEP), TOWN OF WOODBRIDGE, AND/OR THE OWNER MAY REQUEST ADDITIONAL MEASURES TO MINIMIZE ON OR OFF-SITE EROSION PROBLEMS DURING CONSTRUCTION.
14.

EROSION AND SEDIMENT CONTROL BMP'S SHALL BE MODIFIED AND/OR AUGMENTED AS REQUIRED TO REFLECT ACTUAL SITE CONSTRUCTION CONDITIONS.

TENTATIVE CONSTRUCTION SEQUENCING:

1.

ALL CONSTRUCTION ACTIVITIES ARE EXPECTED TO BEGIN IN THE FALL OF 2025 AND BE COMPLETED BY THE SPRING OF 2026. THE GENERAL CONSTRUCTION NOTES ARE AS FOLLOWS:
- 1.1.

THE SITE CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CONTROL CONSTRUCTION SUCH THAT SEDIMENTATION SHALL NOT AFFECT ROADS/HIGHWAYS AND THEIR DRAINAGE SYSTEM, NEIGHBORING PROPERTIES, WETLANDS AND REGULATORY PROTECTED AREAS, WHETHER SUCH SEDIMENTATION IS CAUSED BY WATER, WIND, OR DIRECT DEPOSIT. DESIGNATED ACCESS DRIVES MUST BE USED TO THE MAXIMUM EXTENTS POSSIBLE. IT IS REQUIRED THAT THE SITE CONTRACTOR PERFORM A DAILY INSPECTION OF ALL EROSION AND SEDIMENT CONTROL MEASURES EMPLOYED AT THE SITE.
- 1.2.

A CTDEEP-APPROVED QUALIFIED INSPECTOR SHALL BE ASSIGNED TO BE RESPONSIBLE FOR PERFORMING INSPECTIONS AND PREPARING REPORTS IN ACCORDANCE WITH SECTION 5(B)(4)(B) OF THE CONSTRUCTION GENERAL PERMIT. THESE INSPECTIONS SHALL TAKE PLACE WEEKLY, AT A MINIMUM, AND SHALL BE REQUIRED WITHIN 24 HOURS OF A RAINFALL EVENT EXCEEDING 0.5 INCHES. THE ENGINEER OF RECORD SHALL BE REQUIRED TO REVIEW AND COUNTER-SIGN THE PREPARED WEEKLY REPORTS. IT IS ALSO ANTICIPATED THAT REPRESENTATIVES FROM CTDEEP AND/OR THE STATE CONSERVATION DISTRICT WILL PERFORM PERIODIC INSPECTIONS.
- 1.3.

ENGINEER OF RECORD WILL PERFORM MONTHLY PLAN IMPLEMENTATION INSPECTIONS AND PREPARE REPORTS OF THE FINDINGS. THESE INSPECTIONS SHALL LAST A MINIMUM OF THREE (3) MONTHS OR UNTIL THE COMPLETION AND STABILIZATION OF ALL EROSION CONTROL MEASURES AT THE SITE.
- 1.4.

THROUGHOUT THE COURSE OF THE CONSTRUCTION PROJECT, ADDITIONAL SEDIMENT AND EROSION CONTROL MEASURES MAY BE WARRANTED AT THE DISCRETION OF THE QUALIFIED INSPECTOR AND/OR DESIGN ENGINEER. THESE IMPROVEMENTS MUST BE IMPLEMENTED IN A TIMELY FASHION IN ACCORDANCE WITH THE REQUIREMENTS OF THE CONSTRUCTION GENERAL PERMIT. ADDITIONALLY, AREAS OF PROPOSED COMPACTED NATIVE SOIL ROADS SHALL BE CONVERTED TO STABLE GRAVEL ROADS IF/AS DETERMINED BY THE QUALIFIED INSPECTOR OR ENGINEER OF RECORD.
- 1.5.

PRIOR TO CONSTRUCTION, THE APPLICANT SHALL PROVIDE THE TOWN OF WOODBRIDGE WITH THE NAME OF CONTACT AND 24-HOUR CONTACT INFORMATION.
- 1.6.

CONTRACTOR SHALL ADHERE TO THE CONNECTICUT GUIDELINES FOR EROSION AND SEDIMENT CONTROL, DATED SEPTEMBER 30, 2023, EFFECTIVE MARCH 30, 2024.
- 1.7.

THE CONTRACTOR SHALL HOLD PRE-CONSTRUCTION MEETING(S). ATTENDEES SHALL INCLUDE, BUT NOT BE LIMITED TO, REPRESENTATIVES OF THE GENERAL CONTRACTOR, SITE CONTRACTOR, CTDEEP, TOWN OF WOODBRIDGE ENGINEER OF RECORD, AND QUALIFIED SWPPP INSPECTOR.
- 1.8.

THE CONTRACTOR SHALL CONTACT CALL-BEFORE-YOU-DIG (1-800-922-4455) PRIOR TO ENGAGING IN ANY EXCAVATION ACTIVITIES AT THE SITE.
- 1.9.

THE CONTRACTOR SHALL NOTIFY THE TOWN OF WOODBRIDGE AGENT, ZONING ENFORCEMENT OFFICER, AND ENGINEERING DEPARTMENT, 48 HOURS PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITY.
- 1.10.

NO CONSTRUCTION OF SITE IMPROVEMENTS MAY BEGIN UNTIL THE PROPER EROSION CONTROL MEASURES SERVING THE AREA TO BE DISTURBED ARE IN PLACE.
- 1.11.

ANTICIPATED WORK HOURS WILL BE BETWEEN 6:30 AM AND 5:00 PM.
- 1.12.

ANY DEWATERING BY PUMP SHALL INCLUDE AN INTAKE AND/OR DISCHARGE FILTRATION SYSTEM (I.E. DIRTBAG SYSTEM) AND BE PUMPED TO STABLE GROUND. CONTRACTOR TO ENSURE DISCHARGED WATER IS RUNNING CLEAN OR ALTERIOR METHODS MUST BE EMPLOYED.

PRE-CONSTRUCTION SITE PROTECTION SEQUENCING:

1.

ACCESS ROADS SHALL BE DESIGNATED AS EARLY AS FEASIBLE AND USED PRIMARILY FOR CONSTRUCTION TRAFFIC.
2.

INSTALL EROSION AND SEDIMENT CONTROLS FOLLOWING THE CT GUIDELINES AND MANUFACTURER'S DIRECTIONS. DURING CONSTRUCTION, THE CONTRACTOR SHALL INSTALL MEASURES AS REQUIRED BY THE ENGINEER OF RECORD OR QUALIFIED INSPECTOR, TO PREVENT SEDIMENT-LADEN RUNOFF FROM REACHING WETLANDS OR DISCHARGING OFFSITE.
3.

INSTALL STORMWATER BASIN/SEDIMENT TRAPS AND CONVEYANCE SWALES IN ACCORDANCE WITH THE APPROVED SITE-SPECIFIC SWPCP AND CT GUIDELINES. THE ENGINEER OF RECORD SHALL INSPECT FEATURES TO CONFIRM REQUIRED STORAGE CAPACITIES ARE PROVIDED AND THAT OUTLETS AND/OR SPILLWAYS ARE CONSTRUCTED CORRECTLY. DISCHARGE AREAS BELOW OUTFALLS MUST BE INSPECTED TO CONFIRM FLOW WILL BE OVER STABLE GROUND AND SHEET FLOW IS ENCOURAGED. IF DISTURBED SOILS ARE PRESENT, THE ENGINEER OF RECORD TO PROVIDE CORRECT MEASURES TO ADDRESS CONDITION.
4.

SEED AND PROTECT DISTURBED SOILS AROUND SEDIMENT TRAPS AND BASINS WITHIN 14 DAYS OF COMPLETION. SECURE SEED WITH A THERMALLY-TREATED BFM APPLIED FOLLOWING MANUFACTURERS SPECIFICATIONS FOR USE AT SPECIFIED APPLICATION RATES. AN ANIONIC POLYACRYLAMIDE PRODUCT MAY BE INCLUDED WITH THE TACKIFIER TO PROMOTE SOIL STABILITY. ALL OTHER AMENDMENTS SHOULD BE PRESCRIBED BASED ON THE RESULT OF SOIL TESTS.
5.

PERFORM MASS EARTHWORK ON THE SITE. MASS EARTHWORK SHALL ONLY MEAN REGRADING TO MEET THE PROPOSED GRADING DEPICTED ON THE PLANS. TOPSOIL SHALL BE STRIPPED AND STOCKPILED FROM AREAS PROPOSED FOR REGRADING. EXCESS SOIL WHICH IS NOT REUSED IN PROPOSED SITE GRADING AS DEPICTED ON PLANS SHALL BE HANDLED PER THE OWNER.
6.

TOPSOIL SHALL BE REPLACED TO 3" MINIMUM DEPTH OVER REGRADED AREAS UPON COMPLETION OF MASS EARTHWORK ACTIVITIES AND AREAS WHICH WERE DISTURBED BY MASS EARTHWORK OPERATIONS SHALL BE RESEEDD WITHIN 14 DAYS OF COMPLETION.
7.

THROUGHOUT CONSTRUCTION, THE CONTRACTOR SHALL ADDRESS ONGOING EROSION PROBLEMS USING TEMPORARY DIVERSIONS AND FILLING AND GRADING GULLIES. TRACK GULLIES UP AND DOWN SLOPE AND HYDROSEED WITH A THERMALLY-TREATED WOOD BONDED FIBER MATRIX (BFM) MULCH WITH TACKIFIER. A STAPLED BIODEGRADABLE EROSION CONTROL BLANKET WITHOUT MONOFILAMENT MESH IS AN ACCEPTABLE ALTERNATIVE FOR HYDROSEED AND BFM.
8.

UPON COMPLETION OF THIS CONSTRUCTION PHASE, ALL DISTURBED AREAS SHALL BE SEEDD WITH TACKIFIER AND CONSTRUCTION SEQUENCE MAY ONLY BEGIN IN AREAS DISPLAYING ADEQUATE VEGETATION WITHIN PROPOSED ARRAY AREA.

CONSTRUCTION SEQUENCING:

1.

INSTALL PILES AND/OR GROUND SCREWS FOR SOLAR PANEL RACKING.
2.

THE INSTALLATION OF RACKING SHALL FOLLOW THE FOUNDATION INSTALLATION BY ROUGHLY ONE WEEK STARTING FROM THE SAME POINT.
3.

RESEED AND REGRADE ALL AREAS DISTURBED BY CONSTRUCTION TRAFFIC WITHIN THE ARRAYS WHERE RACKS ARE INSTALLED AS EARLY AS POSSIBLE. RUTS AND RILLS SHALL BE SMOOTHED AND GRADED AS DISCOVERED.
4.

INSTALL SOLAR PANEL MODULES IN THE RACKING. MUCH OF THIS WORK IS ANTICIPATED TO BE PERFORMED BY HAND AND LIGHT CONSTRUCTION EQUIPMENT WHICH WILL CAUSE MINIMAL DISTURBANCE COMPARED TO THE USE OF HEAVY EQUIPMENT. DESIGNATED ACCESS ROADS SHALL STILL BE USED TO THE MAXIMUM EXTENTS POSSIBLE.
5.

UPON COMPLETION OF CONSTRUCTION, RE-SEED ALL DISTURBED AREAS WITHIN 14 DAYS AND PREVENT VEHICULAR TRAFFICKING OVER THESE AREAS. INSTALL FINAL LANDSCAPING.
6.

AFTER SITE IS STABILIZED, AND AFTER INSPECTION BY DESIGN ENGINEER, OR OTHER OWNER'S REPRESENTATIVE, REMOVE TEMPORARY EROSION AND SEDIMENT CONTROLS. ENTIRE SITE SHALL BE CHECKED FOR AND CLEANED OF SEDIMENT AS NEEDED.

TEMPORARY SEDIMENT TRAP NOTES:

1.

CLEAR, GRUB, AND STRIP ANY VEGETATION AND ROOT MAT FROM ANY PROPOSED EMBANKMENT AND OUTLET AREA, REMOVE STONES AND ROCKS WHOSE DIAMETER IS GREATER THAN 3-INCHES AND OTHER DEBRIS.
2.

EXCAVATE WET STORAGE AND CONSTRUCT THE EMBANKMENT AND/OR OUTLET AS NEEDED TO ATTAIN THE NECESSARY STORAGE REQUIREMENTS. USE ONLY FILL MATERIAL FOR THE EMBANKMENT THAT IS FREE FROM EXCESSIVE ORGANICS, DEBRIS, LARGE ROCKS (OVER 6-INCHES) OR OTHER UNSUITABLE MATERIALS. COMPACT THE EMBANKMENT IN 9-INCH LAYERS BY TRAVERSING THE EQUIPMENT WHILE IT IS BEING CONSTRUCTED.
3.

STABILIZE THE EARTHEN EMBANKMENT USING ANY OF THE FOLLOWING MEASURES: TEMPORARY SEEDING, PERMANENT SEEDING, OR STONE SLOPE PROTECTION IMMEDIATELY AFTER INSTALLATION.
4.

CARRY OUT CONSTRUCTION OPERATIONS IN SUCH A MANNER THAT EROSION AND WATER POLLUTION ARE MINIMIZED.

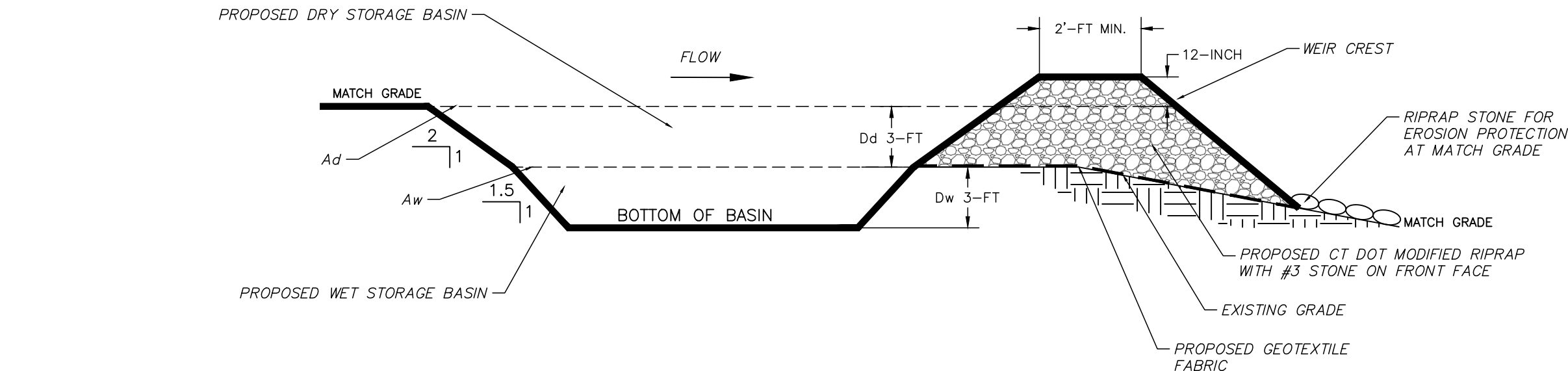
TEMPORARY SEDIMENT TRAP MAINTENANCE NOTES:

1.

INSPECT THE TEMPORARY SEDIMENT TRAP AT LEAST ONCE A WEEK AND WITHIN 24 HOURS OF THE END OF A STORM WITH A RAINFALL AMOUNT OF 0.5 INCHES OR GREATER. CHECK THE OUTLET TO ENSURE THAT IT IS STRUCTURALLY SOUND AND HAD NOT BEEN DAMAGED BY EROSION OR CONSTRUCTION EQUIPMENT. THE HEIGHT OF THE STONE OUTLET SHOULD MAINTAIN AT LEAST 1 FOOT BELOW THE CREST OF OF THE EMBANKMENT. ALSO CHECK FOR SEDIMENT ACCUMULATION AND FILTRATION PERFORMANCE.
2.

WHEN SEDIMENTS HAVE ACCUMULATED TO ONE HALF THE MINIMUM REQUIRED VOLUME OF THE WET STORAGE, DEWATER THE TRAP AS NEEDED, REMOVE SEDIMENTS AND RESTORE THE TRAP TO ITS ORIGINAL DIMENSIONS. DISPOSED OF THE SEDIMENT REMOVED FROM THE BASIN IN A SUITABLE AREA AND IN SUCH A MANNER THAT IT WILL NOT ERODE AND CAUSE SEDIMENTATION ISSUES.
3.

THE TEMPORARY SEDIMENT TRAP MAY BE REMOVED AFTER THE CONTRIBUTING DRAINAGE AREA IS STABILIZED.

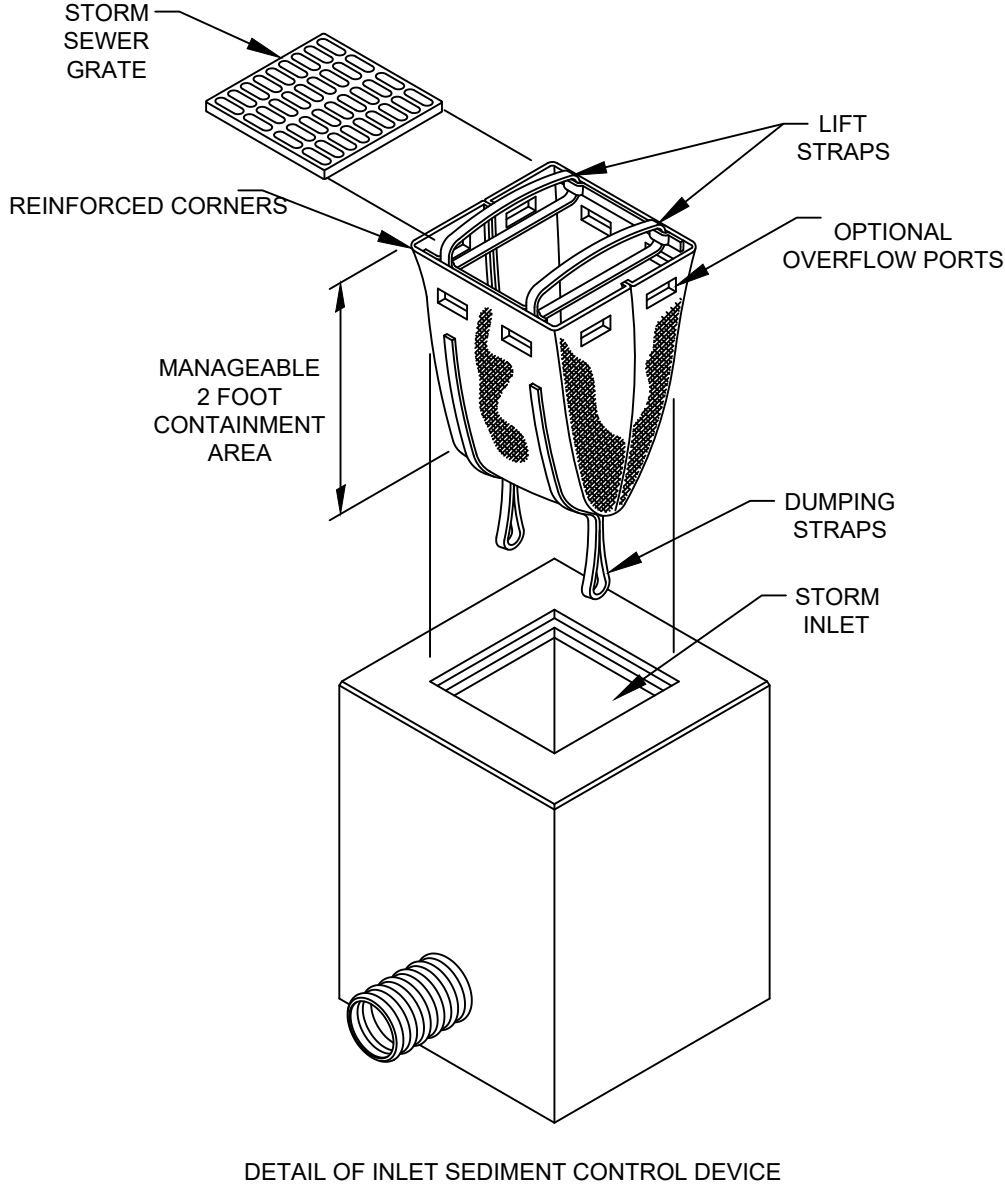


TST ID	CONTRIBUTING AREA (SF)	BOTTOM DIMENSION (FT)	Aw (SF)	Ad (SF)	Vw (CY)	Vd (CY)	Vp (CY)	Vr (CY)
TST-1	220,849	91x31	4,000	5,824	378	545	923	680
TST-2	252,786	91x41	5,000	6,944	472	664	1,136	770
TST-3	141,956	61x26	2,450	3,854	231	350	581	436

TABLE DETAILS
Aw DETAILS WET STORAGE AREA
Ad DETAILS DRY STORAGE AREA
Vw DETAILS WET STORAGE VOLUME
Vd DETAILS DRY STORAGE VOLUMES
Vp DETAILS PROVIDED TOTAL STORAGE VOLUME
Vr DETAILS REQUIRED TOTAL STORAGE VOLUME

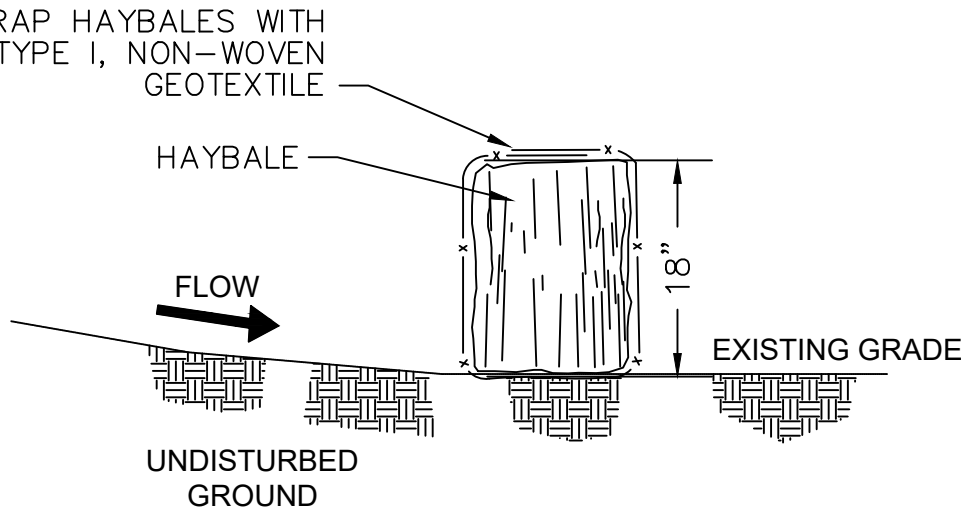
TEMPORARY SEDIMENT TRAP (TST) DETAIL

NOT TO SCALE



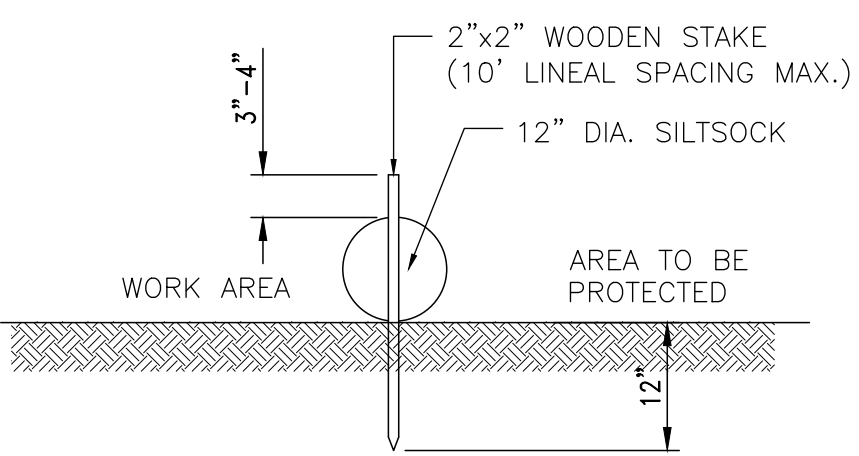
CATCH BASIN PROTECTION

NOT TO SCALE



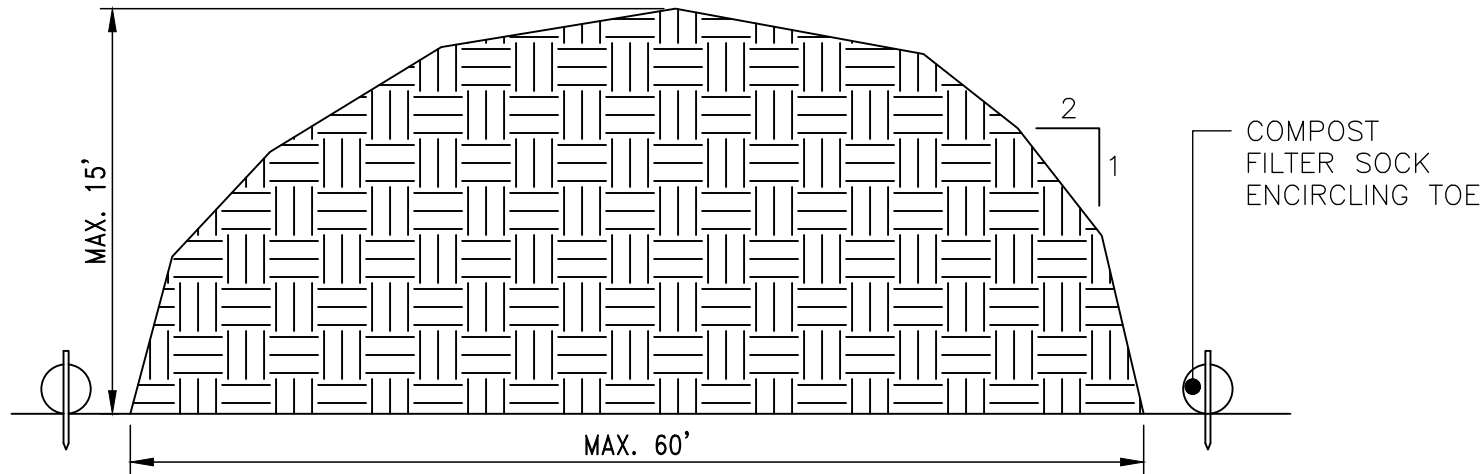
SEDIMENT BARRIER (SB) DETAIL

NOT TO SCALE



SILT SOCK DETAIL

NOT TO SCALE



NOTES

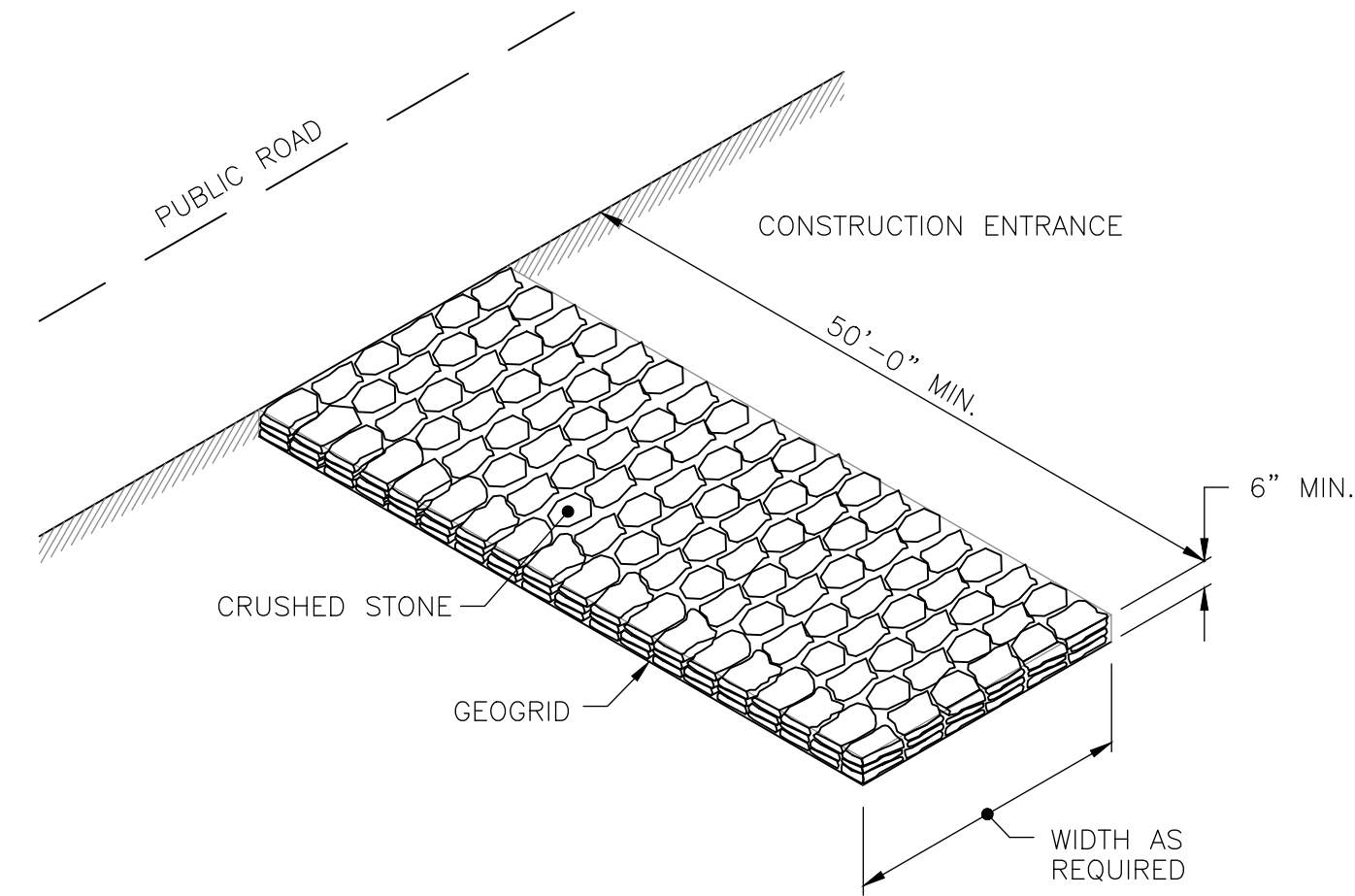
1.

THE CONTRACTOR SHALL REQUIRE WRITTEN APPROVAL FROM THE ENGINEER IN THE EVENT THE STOCKPILE LOCATION DIFFERS FROM THE APPROVED PLAN.
2.

STOCKPILE AREA SHALL NOT EXCEED DIMENSIONS WITHOUT APPROVAL FROM ENGINEER.

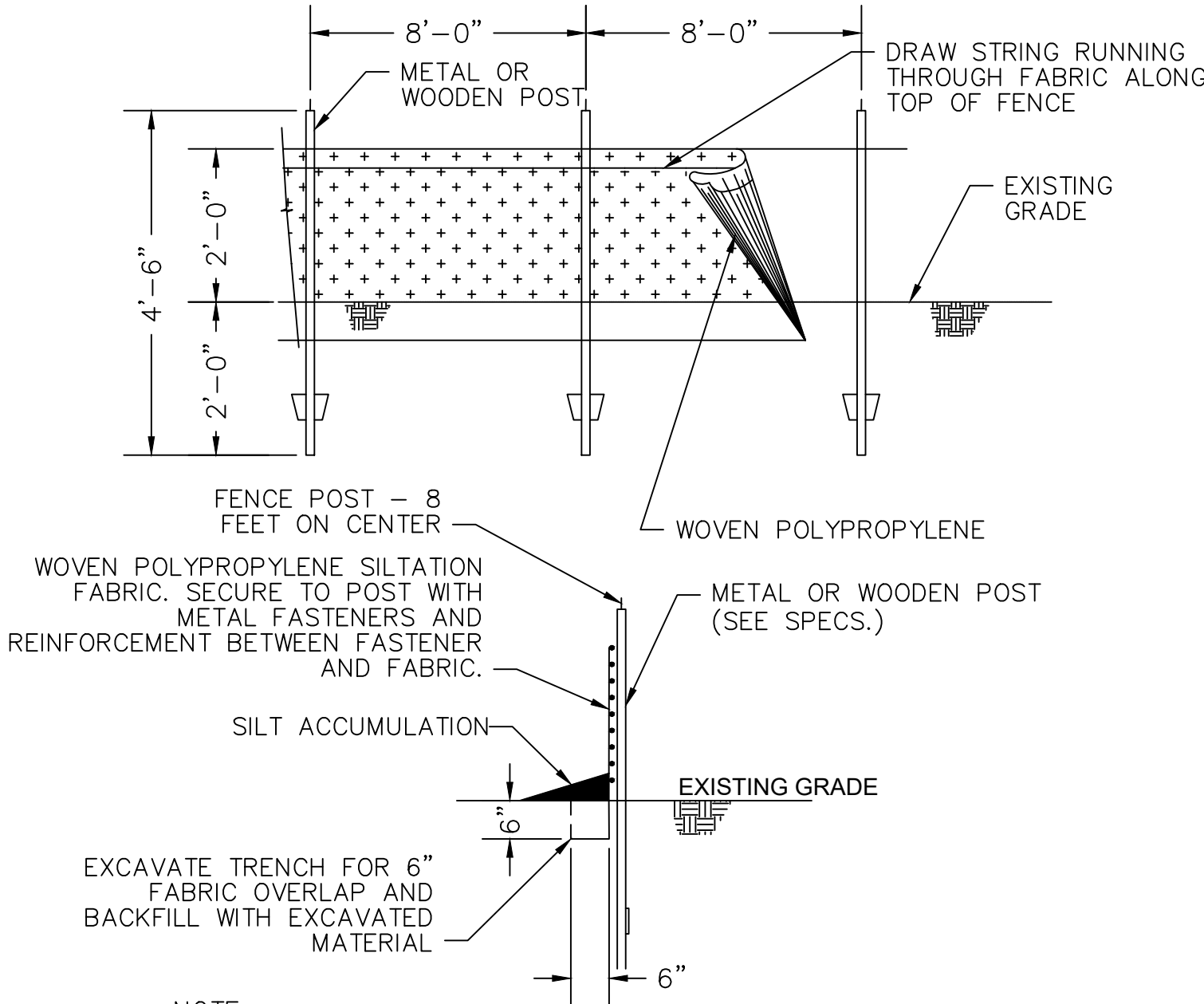
ERODIBLE MATERIAL STOCKPILE DETAIL

NOT TO SCALE



CONSTRUCTION ACCESS

NOT TO SCALE



NOTE:

WHERE REQUIRED AT CRITICAL LOCATIONS, SILTATION FENCE REINFORCED WITH HOG OR CHIKEN WIRE OR INTEGRAL PLASTIC MESH REINFORCING SHALL BE USED

SILT FENCE DETAIL

NOT TO SCALE

verdantas

1005 MAIN STREET, SUITE NO.: 8120
PAWTUCKET, RI 02860

PROFESSIONAL ENGINEER NO.: 38447

DESIGNED BY
ED
DRAWN BY
ED
CHECKED BY
CC
PROJECT NO.
24412

CHKO BY
DATE
9/12/2025

REVISION
1
REVISIONS AS REQUIRED BY CSC REVIEW

No.
1

WOODBRIDGE-NEW HAVEN COUNTY-CONNECTICUT
SESC DETAILS & NOTES
SOLAR ARRAY DEVELOPMENT
GREENSKIES CLEAN ENERGY
SOUNDVIEW DRIVE

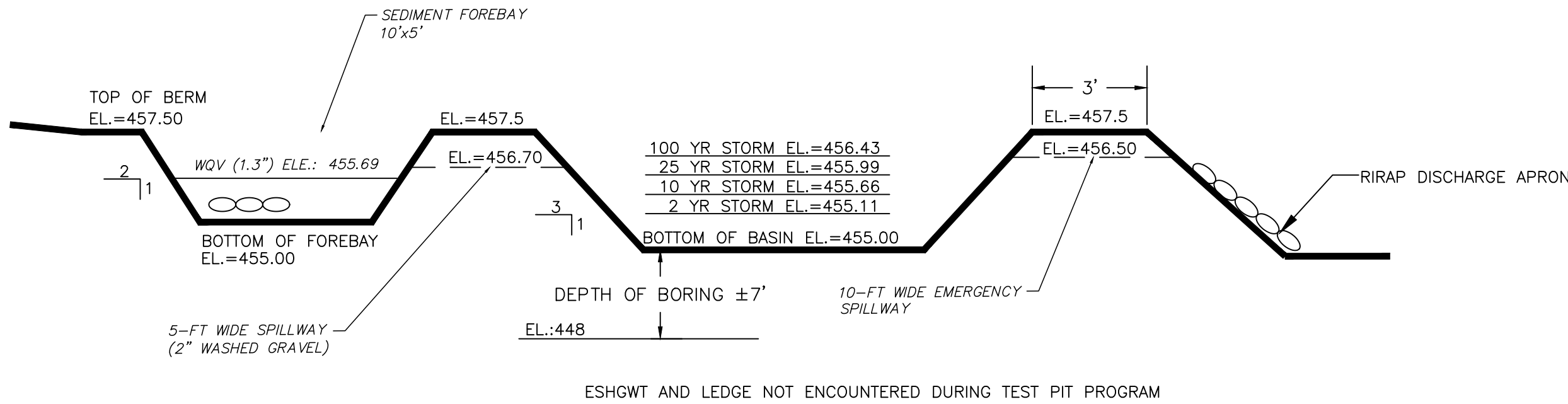
DATE
JUNE 2025

SCALE
AS SHOWN

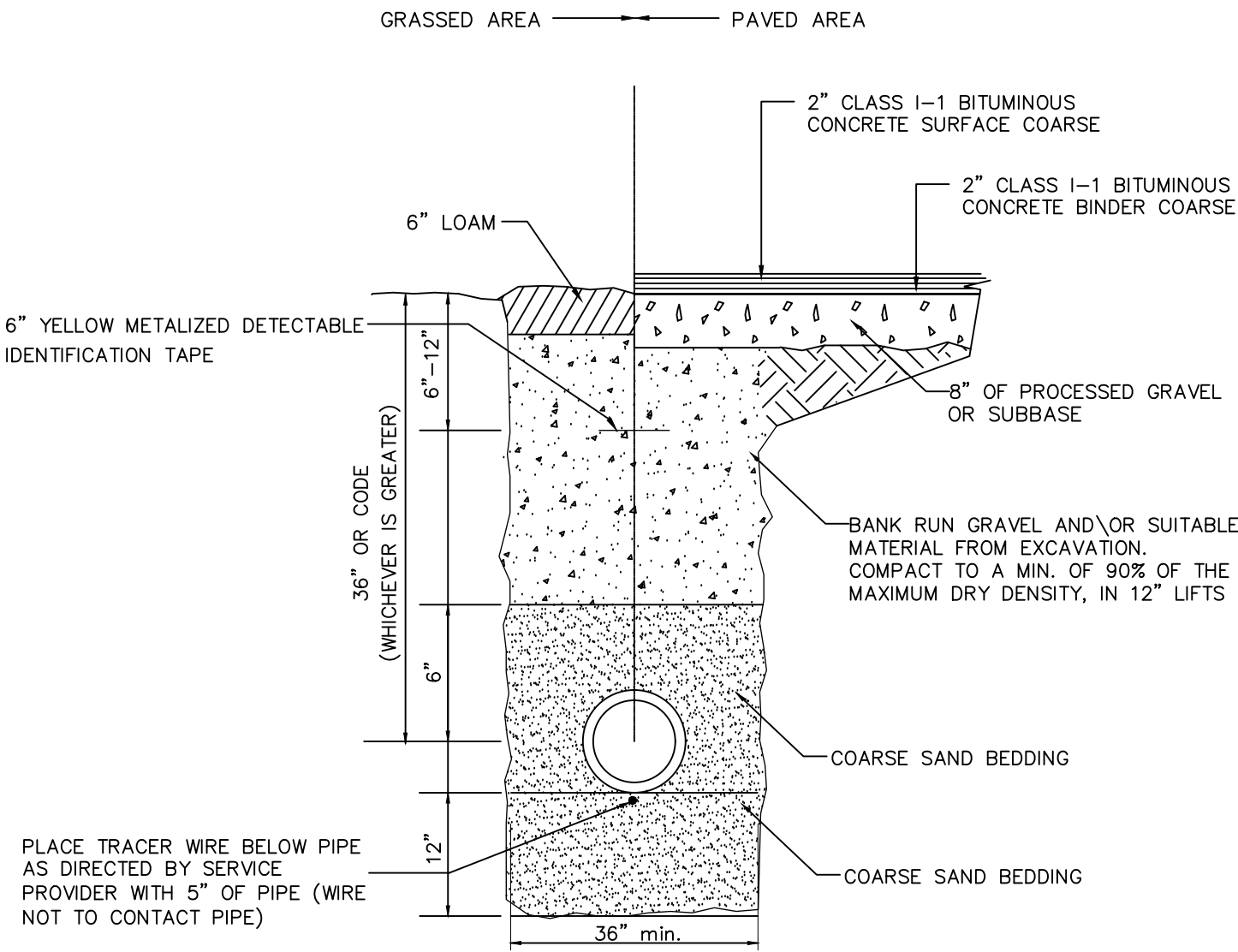
SHEET
C109

STATE: CONNECTICUT

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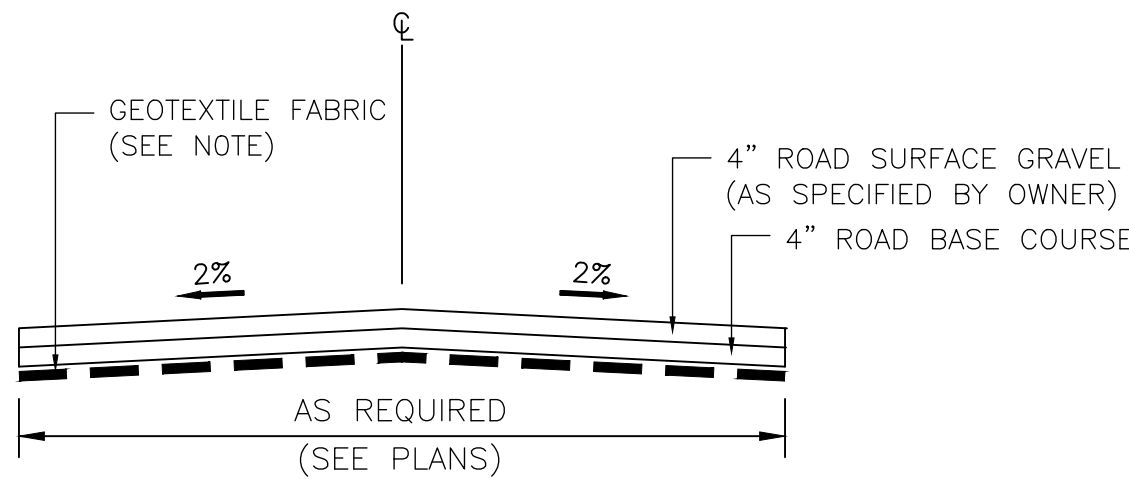


INFILTRATION BASIN DETAIL
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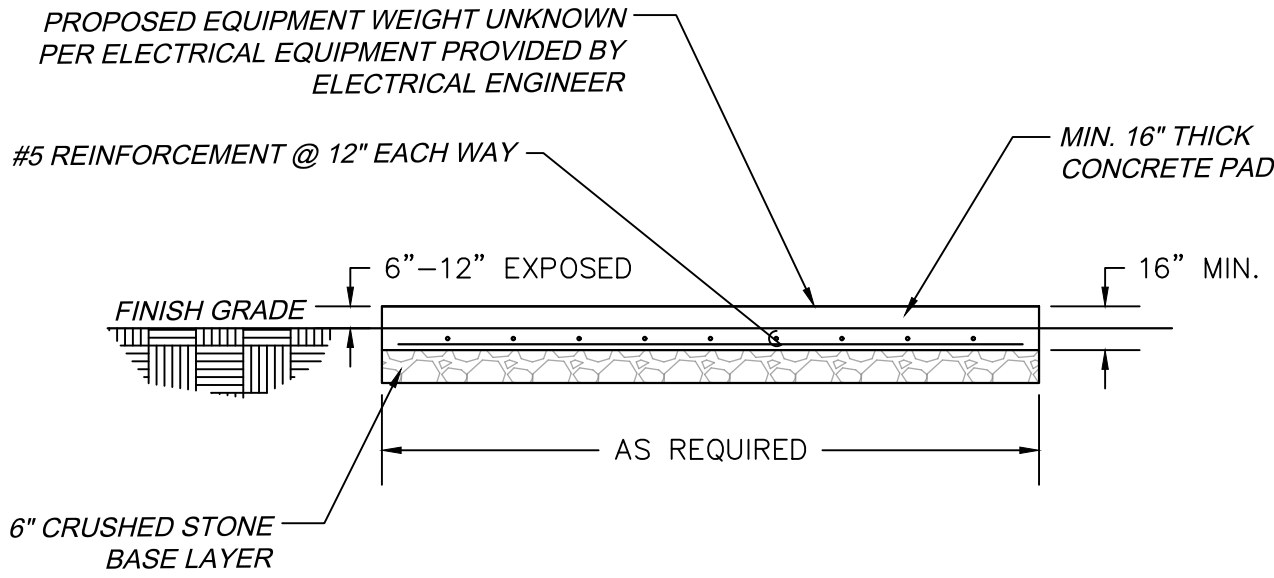
- NOTES:
- 1) CONTRACTOR TO COORDINATE FINAL TRENCH AND ELECTRICAL CONDUIT DIMENSIONS AND MATERIALS WITH SOLAR DEVELOPER.
 - 2) CONDUITS UNDER ROADWAYS AND PARKING AREAS SHALL BE CONCRETE ENCASED.

CONDUIT TRENCH DETAIL
NOT TO SCALE



1. REQUIREMENTS FOR THE WOVEN GEOTEXTILE FABRIC ARE AS FOLLOWS:
- | | |
|---------------------------------------|-----------------------|
| TENSILE STRENGTH (LBS) | 180 MIN. |
| ELONGATION AT FAILURE (%) | < 50 |
| PUNCTURE (LBS) | 60 MIN. |
| UV LIGHT (% RESIDUE TENSILE STRENGTH) | 70 MIN. |
| APPARENT OPENING SIZE (AOS) | NO SMALLER THAN 0.212 |
| PERCENT OPEN AREA (%) | 1.0 MIN. |
| PERMITTIVITY (1/SEC) | 0.10 MIN. |

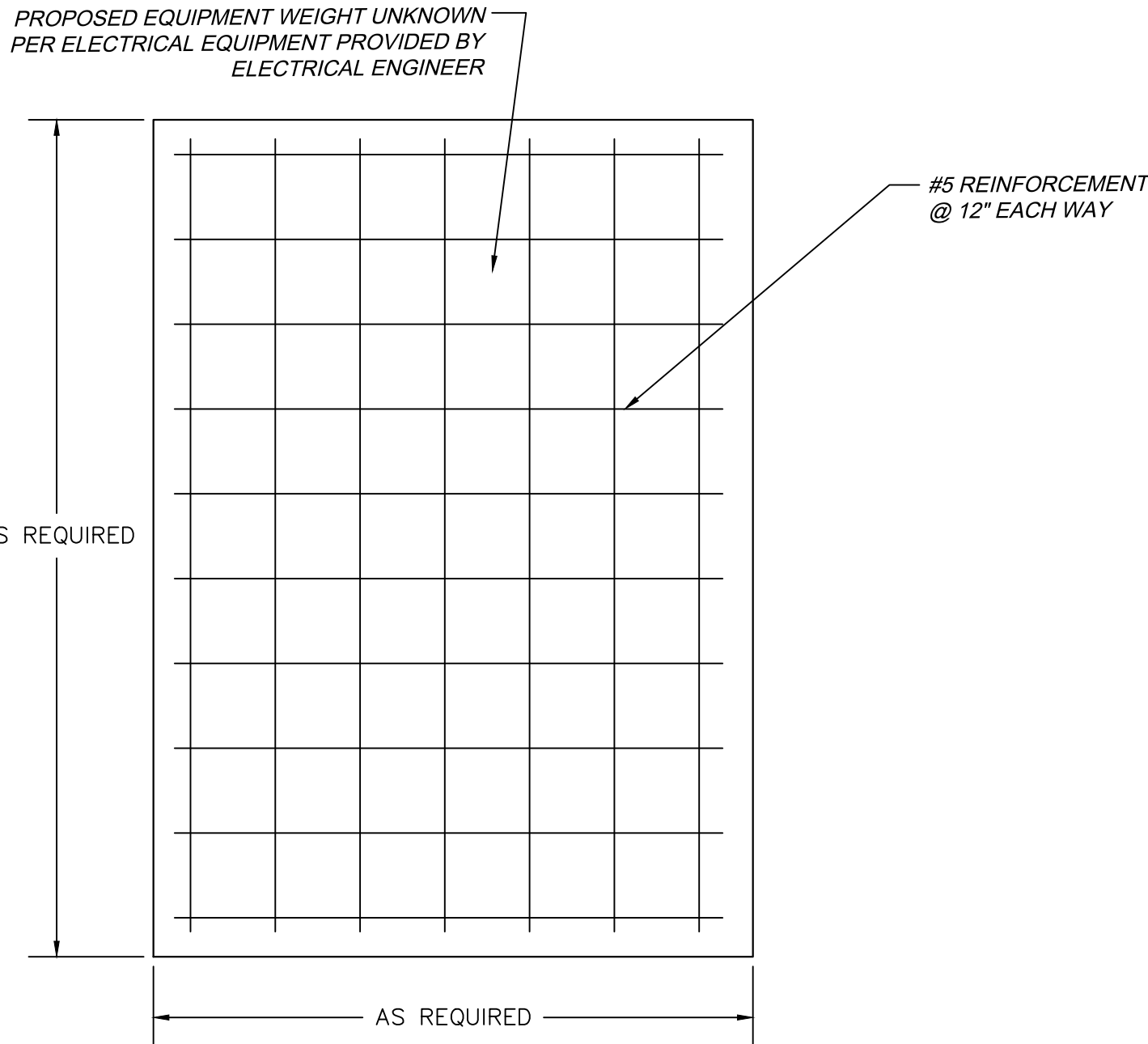
GRAVEL ACCESS ROAD DETAIL
NOT TO SCALE



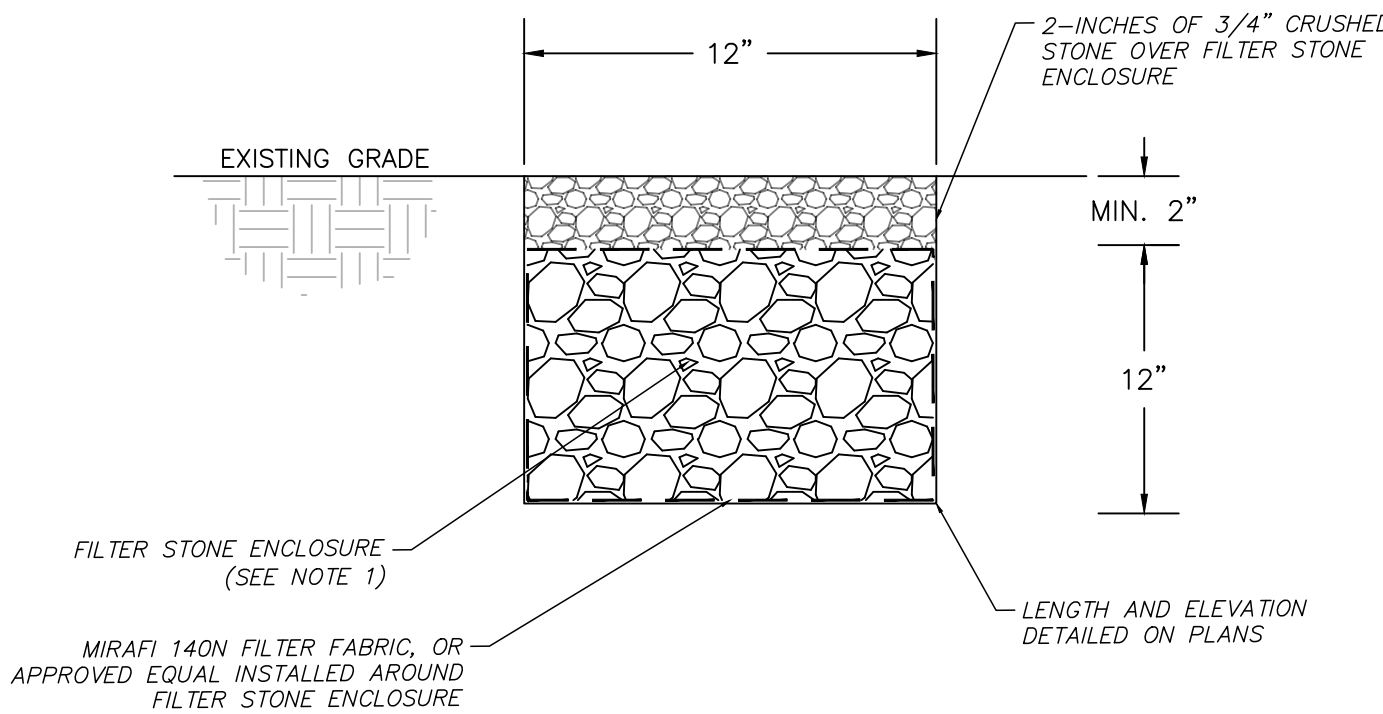
EQUIPMENT CONCRETE PAD CROSS SECTION DETAIL
NOT TO SCALE

CONCRETE NOTES

1. ALL CONCRETE WORK SHALL CONFORM TO ACT 318 AND 301 REQUIREMENTS. THIS SHALL INCLUDE PROPORTIONING OF CONCRETE MIX, PLACEMENT OF CONCRETE, AND CURING PROCEDURES.
2. CONCRETE SHALL HAVE A 4,000 PSI 28 DAY COMPRESSIVE STRENGTH.
3. PROVIDE TOTAL AIR ENTRAINMENT OF 6% ± FOR ALL CONCRETE EXPOSED TO WEATHER.
4. MAXIMUM WATER/CEMENT RATIO - W/C = 0.45.
5. CONCRETE REINFORCING SHALL BE IN ACCORDANCE WITH ASTM A615 AND HAVE A MINIMUM YIELD STRENGTH OF 60 KSI.
6. UNLESS NOTED OTHERWISE, PROVIDE 3 INCHES MINIMUM REINFORCING COVER.
7. ALL REBARS SHALL BE EPOXY COATED GRADE 60.



CONTAINER CONCRETE PAD PLAN VIEW DETAIL
NOT TO SCALE



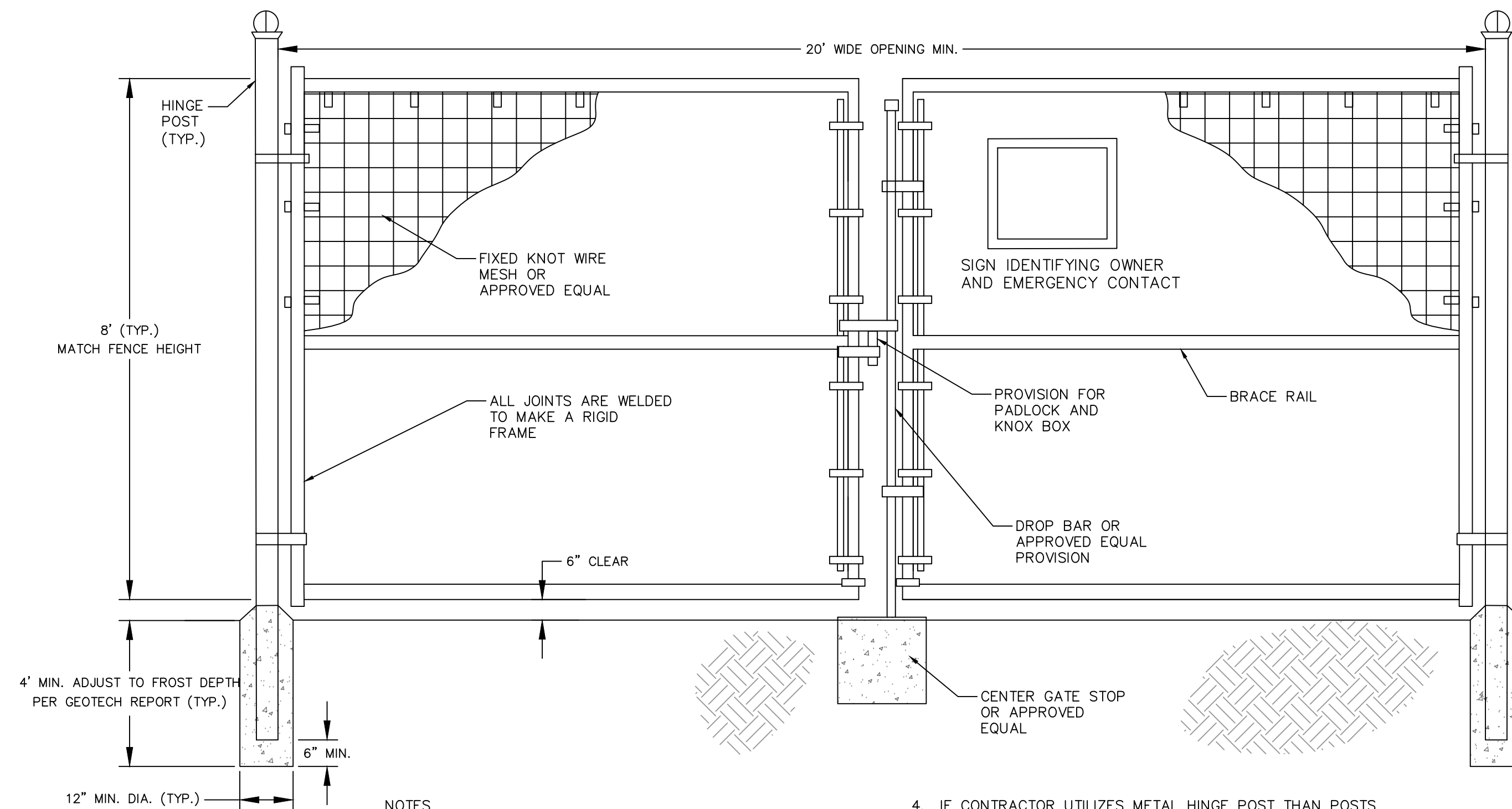
- NOTES:
1. FILTER STONE TO BE NATIONAL STONE ASSOCIATION MODIFIED NSA NO. FS-2 WITH THE FOLLOWING PARTICLE SIEVE DISTRIBUTION:

100% PASSING	0-50% PASSING	0-15% PASSING
NO. 2	NO. 4	NO. 18

2. TRENCHES TO BE PROTECTED FROM SILTATION DURING CONSTRUCTION AND UNTIL VEGETATION IS FULLY ESTABLISHED. THE TRENCHES SHALL BE INSPECTED BY THE DESIGN ENGINEER UPON COMPLETION.

3. PERVIOUS CONTRIBUTING AREA MAXIMUM INFLOW APPROACH LENGTH IS PROPOSED ±150- FEET, INSTALLED IN PARALLEL WITH TOPOGRAPHY IN ACCORDANCE WITH CT DEEP STORMWATER QUALITY MANUAL.

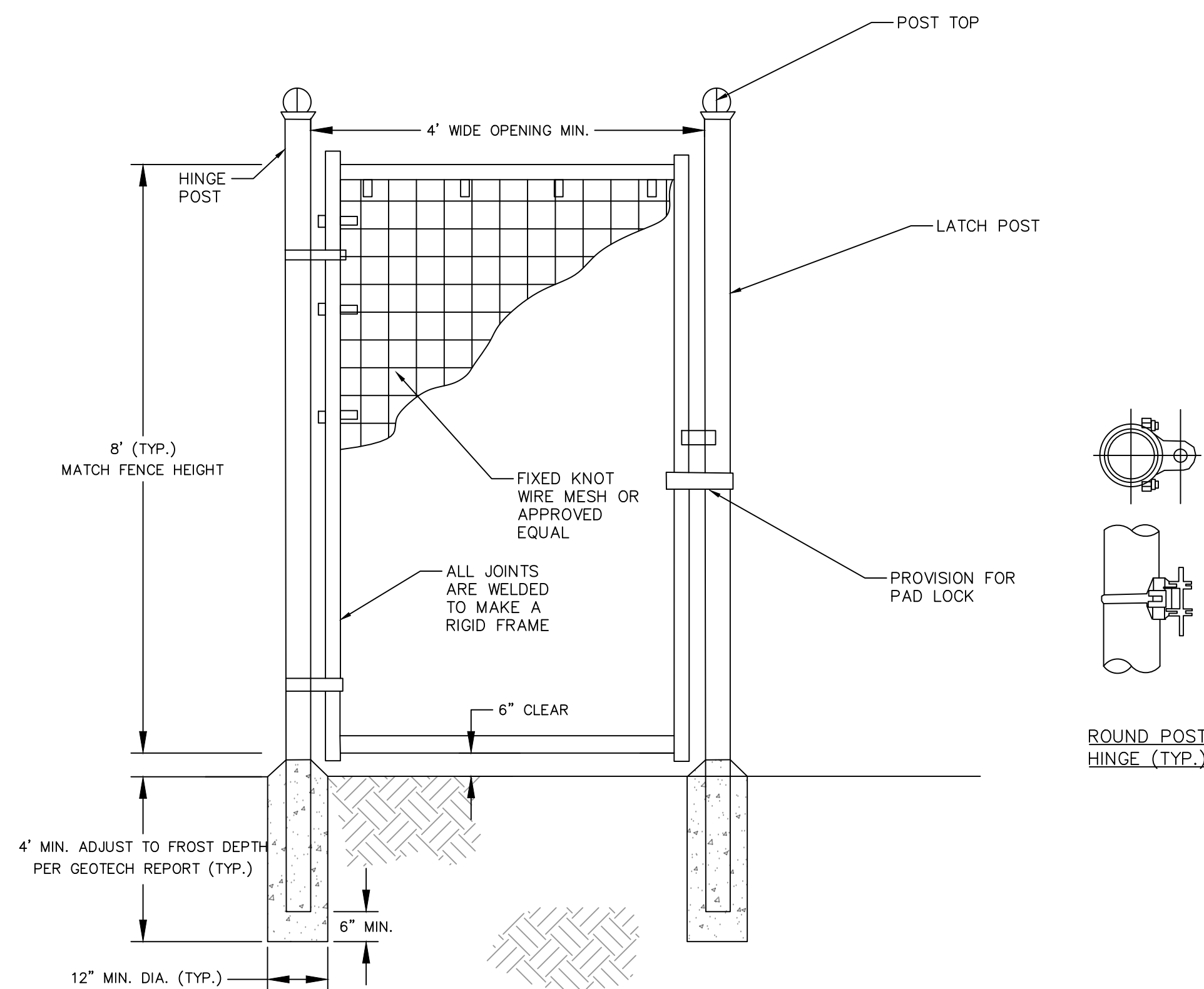
LEVEL SPREADER CROSS SECTIONAL DETAIL
NOT TO SCALE



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| NOTES | | |
| 1. INSTALL ALL FENCING COMPONENTS PER MANUFACTURERS SPECIFICATIONS. | 4. IF CONTRACTOR UTILIZES METAL HINGE POST THAN POSTS SHALL BE SET IN CONCRETE AS SHOWN ON DETAIL. | |
| 2. ALL FENCING AND HARDWARE SHALL BE GALVANIZED, UNLESS OTHERWISE NOTED. | 5. BRACING REQUIRED AT FOR ALL GATES. SEE FIXED KNIGHT FARM FENCE DETAIL. | |
| 3. HINGE POSTS MAY BE TIMBER IF CONTRACTOR DESIRES, TIMBER HINGE POSTS DO NOT NEED TO BE SET IN CONCRETE. UTILIZE HINGE THRU BOLTS TO CONNECT TO TIMBER HINGE POSTS OR LAG SCREWS, PER MANUFACTURERS RECOMMENDATIONS. | 6. FIXED KNIGHT WIRE MESH TO BE BEKAERT SODOLUCK* PRO, 12.5 GAUGE, CLASS 3 GALVANIZED, 6" VERTICAL SPACING OR APPROVED EQUAL. | |
| | 7. BRACE RAIL SHOWN FOR REFERENCE ADDITIONAL BRACE RAILS MAY BE REQUIRED (NOT SHOWN) OR TIES ROGS MAY BE REQUIRED PER MANUFACTURERS RECOMMENDATIONS. | |
| | 8. PROVIDE A MINIMUM 6-INCH CLEARANCE FROM FINAL GRADE TO FACILITATE WILDLIFE PASSAGE | |

20' WIDE FENCE DOUBLE SWING GATE DETAIL

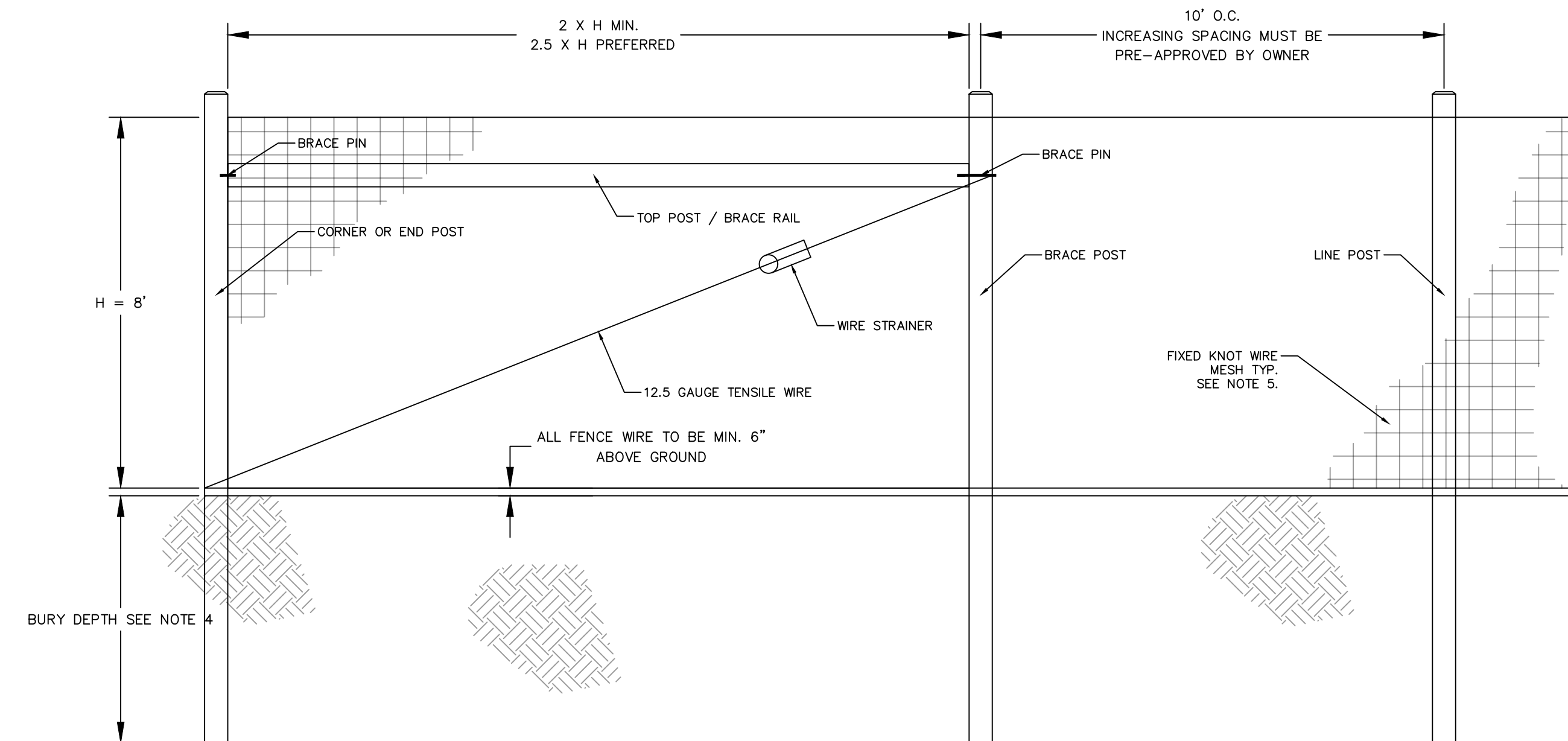
NOT TO SCALE



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|-------|---|--|
| NOTES | <p>1. INSTALL ALL FENCING COMPONENTS PER MANUFACTURER'S SPECIFICATIONS.</p> <p>2. ALL FENCING AND HARDWARE SHALL BE GALVANIZED, UNLESS OTHERWISE NOTED.</p> <p>3. HINGE POSTS MAY BE TIMBER IF CONTRACTOR DESIRES. TIMBER HINGE POSTS DO NOT NEED TO BE SET IN CONCRETE. UTILIZE HINGE THRU BOLTS TO CONNECT TO TIMBER HINGE POSTS OR LAG SCREWS, PER MANUFACTURER'S RECOMMENDATIONS.</p> | <p>4. IF CONTRACTOR UTILIZES METAL HINGE POST THAN POSTS SHALL BE SET IN CONCRETE AS SHOWN ON DETAIL.</p> <p>5. BRACING REQUIRED AT FOR ALL GATES. SEE FIXED KNOT FARM FENCE DETAIL.</p> <p>6. FIXED KNOT WIRE MESH TO BE BEKERT SOLDLOCK® PRO, 12.5 GAUGE, CLASS 3 GALVANIZED, 6" VERTICAL SPACING OR EQUIVALENT.</p> <p>7. BRACE RAILS AND/ OR TRUSS RODS ARE NOT SHOWN, MAY BE REQUIRED PER MANUFACTURER'S RECOMMENDATIONS.</p> <p>8. PROVIDE A MINIMUM 6-INCH CLEARANCE FROM FINAL GRADE TO FACILITATE WILDLIFE PASSAGE.</p> |
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FENCE PERSONNEL GATE DETAIL

NOT TO SCALE



- NOTES
1. INSTALL ALL FENCING COMPONENTS PER MANUFACTURERS SPECIFICATIONS.
 2. ALL FENCING AND HARDWARE SHALL BE GALVANIZED, UNLESS OTHERWISE NOTED.
 3. SQUARE POSTS TO BE MIN. 5"X5" NOMINAL SIZE OR ROUND POST WITH MIN. 5" DIAMETER.
 4. ALL LINE POSTS TO BE 3" DIA. HARDWOOD OR APPROVED ALKALY. PREFER POSTS TO HAVE A CHAMFERED TOP.
 5. ALL LINE POST TO BE SET TO A MIN. OF 4" BELOW GRADE, ALL CORNER, END, AND GATE POSTS TO BE SET TO A MIN. DEPTH OF 6" BELOW GRADE, UNLESS OTHERWISE NOTED.
 6. FIXED KNOT WIRE MESH TO BE BEAKERT SOLDIMCO® PRT. 12.5 GAUGE, CLASS 3.
 7. ALL SPAN OR GATE POSTS TO BE SET TO A MIN. DEPTH OF 6" BELOW GRADE.
 8. BRACING IS REQUIRED AT ALL CORNER, END, AND GATE POSTS. DOUBLE BRACING (TWO BRACE ASSEMBLIES IN A ROW) SHOULD BE USED FOR STRAIGHT RUNS OF FENCE THAT EXCEED 10'.
 9. BRACING SHALL BE INSTALLED MD SPAN FOR STRAIGHT RUNS OF FENCE THAT EXCEED 1,320 LF. ADDITIONAL BRACING MAY BE STILL BE REQUIRED OVER UNEVEN TERRAIN. CONTRACTOR SHALL PROVIDE APPROVED BRACING AS NEEDED.
 10. DEFLECTION IS NOTICED DURING TENSIONING.
 11. BRACING TO MINIMUM 6-INCH CLEARANCE FROM FINAL GRADE TO FACILITATE WILDFIRE PASSAGE

FENCE DETAIL

NOT TO SCALE

WOODBRIDGE-NEW HAVEN COUNTY-CONNECTICUT					PROFESSIONAL ENGINEER NO.: 38447	
FENCE DETAILS					DESIGNED BY	
SOLAR ARRAY DEVELOPMENT					CHKD BY DATE	ED
					9/12/2025	
GREENSKIES CLEAN ENERGY					DRAWN BY	
SOUNDVIEW DRIVE					CHECKED BY	
DATE					JUNE 2025	
SCALE					AS SHOWN	
SHEET					C111	