

GREENSKIES CLEAN ENERGY SOLAR ARRAY DEVELOPMENT

PRELIMINARY CIVIL DESIGN PLANS
SOUNDVIEW DRIVE
WOODBIDGE, CONNECTICUT



LOCATION MAP



SITE MAP
NTS

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PRELIMINARY CIVIL DESIGN PLANS	
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C111	FENCE DETAILS

REFERENCE NOTE:

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

MAY 2025
CONNECTICUT SITING
COUNCIL

PREPARED BY:

verdantas

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

Project No. 24412

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SURVEY NOTES

- FIELD SURVEY BY RTK GPS & RTK DRONE IN SEPTEMBER 2024.
- THE HORIZONTAL DATUM IS NAD83 AND VERTICAL DATUM IS NAVD88. BOTH WERE DERIVED FROM GPS OBSERVATIONS TAKEN ONSITE.
- BOUNDARY LINES SHOWN HEREON ARE TAKEN FROM PLANS & DEED OF RECORD AND MONUMENTS FOUND.
- THIS PLAN IS PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT AND IS SUBJECT TO MATTERS A TITLE REPORT WOULD DISCLOSE.
- ALL CONTOURS SHOWN HEREON WERE GENERATED IN QGIS FROM DIGITAL ELEVATION MODELS OF THE 2016 CRCOG LIDAR DATA, COLLECTED BY USGS AND DISTRIBUTED NOAA.
- 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.
- THE LOCUS PARCELS AND ALL ABUTTING PARCELS ARE LOCATED WITHIN THE RESIDENCE A ZONING DISTRICT.

WETLAND NOTES

- NO WETLANDS WERE OBSERVED ONSITE BY A QUALIFIED VERDANTAS SOIL SCIENTIST.
- 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

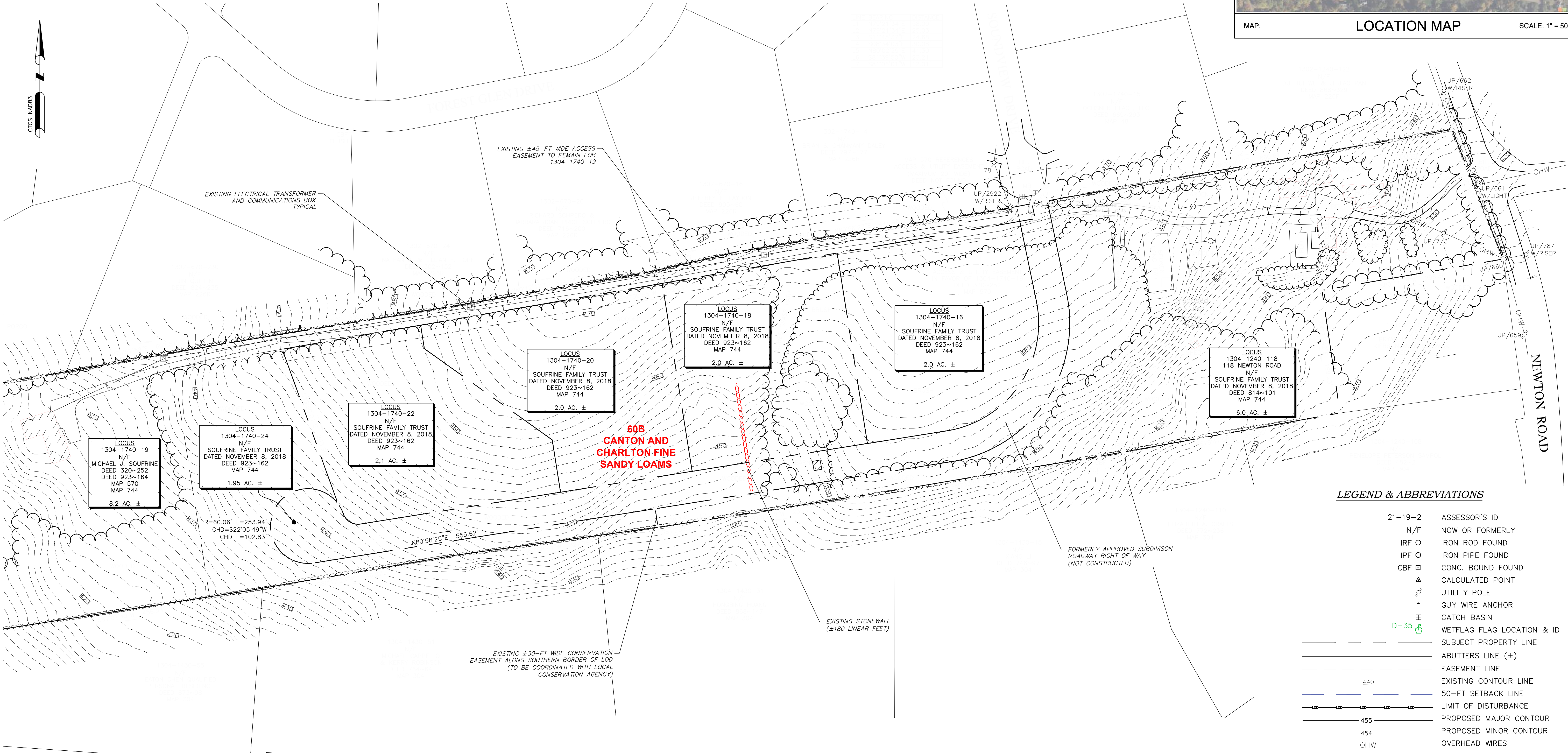
BOUNDARY SURVEY CATEGORY: DEPENDANT RESURVEY

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

PURPOSE OF SURVEY: PROPOSED SOLAR ARRAY

GENERAL NOTES

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



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.

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
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	STONEWALL
	PROPOSED LEVEL SPREADER
	PROPOSED WIRE FENCE
	EROSION CONTROLS
	TEST PIT



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

PROFESSIONAL ENGINEER NO.: XXXX

P.E. #####

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

WOODBRIDGE-NEW HAVEN COUNTY-CONNECTICUT

EXISTING CONDITIONS PLAN

SOLAR ARRAY DEVELOPMENT

GREENSKIES CLEAN ENERGY

SOUNDVIEW DRIVE

DATE

MAY 2025

SCALE

AS SHOWN

SHEET

C101

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SOIL EROSION & SEDIMENT CONTROL NOTES

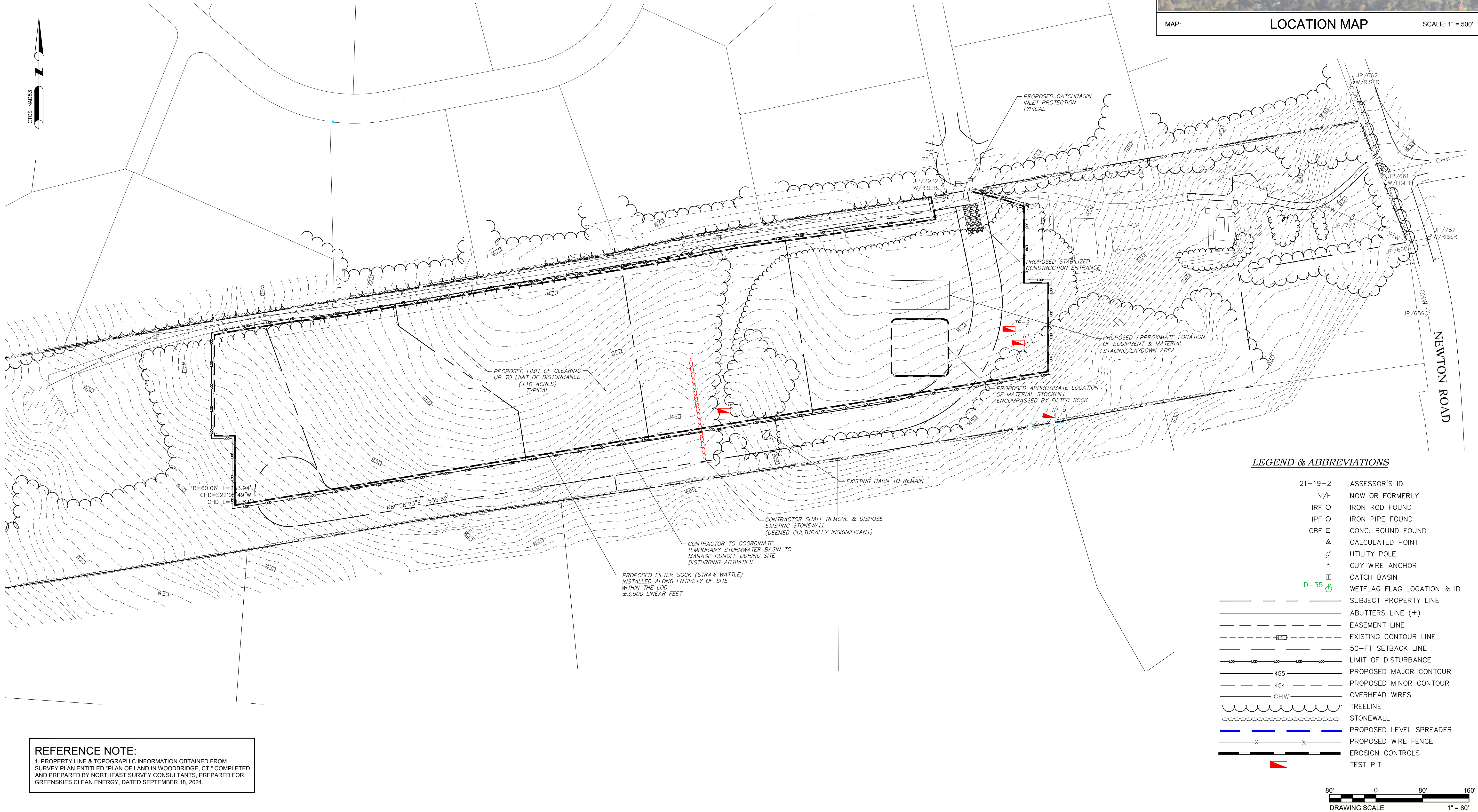
- ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THE PLANS SHALL BE IMPLEMENTED AND MAINTAINED THROUGH THE PROJECT IN ACCORDANCE WITH THE CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL. REFER TO ADDITIONAL EROSION AND SEDIMENT CONTROL REQUIREMENTS & DETAILS PROVIDED ON SHEET C108 OF THIS PLAN SET.
- 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.
- EROSION CONTROL MEASURES SHALL BE INSPECTED AND MAINTAINED THROUGHOUT THE DURATION OF THE WORK.
- SOIL STOCKPILES SHALL NOT BE TALLER THAN 6-FEET.
- 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.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR TEMPORARY CONSTRUCTION SEDIMENTATION BARRIER/CONTROLS TO LIMIT STORMWATER RUNOFF DOWN GRADIENT DURING EARTH DISTURBING ACTIVITIES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PRE-CONSTRUCTION SEEDING TO ASSIST IN SOIL STABILIZATION FOLLOWING CLEARING AND GRUBBING WITHIN THE PROPOSED LIMIT OF DISTURBANCE (LOD).
- DURING CLEARING AND GRUBBING CONTRACTOR SHALL GRADE CLEARED AREAS TO ACHIEVE SLOPES OF LESS THAN 10% WHERE POSSIBLE.

TEST PIT NOTES

- 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.
- NO GROUNDWATER WAS ENCOUNTERED UP TO A MAXIMUM OF APPROXIMATELY 8-FEET BELOW GROUND SURFACE (BGS).
- 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.
- THE TESTS PITS ARE MARKED IN-FIELD WITH SURVEY STAKES IN ACCORDANCE WITH CT DEEP REQUIREMENTS.
- THE TEST PIT COORDINATES ARE PROVIDED HEREIN.
 - TP-1 NORTHING = 694765.5009; EASTING = 928277.7048
 - TP-2 NORTHING = 694788.9742; EASTING = 928261.9112
 - TP-4 NORTHING = 694648.3426; EASTING = 927772.1119
 - TP-5 NORTHING = 694640.2484; EASTING = 928330.6855

GENERAL NOTES

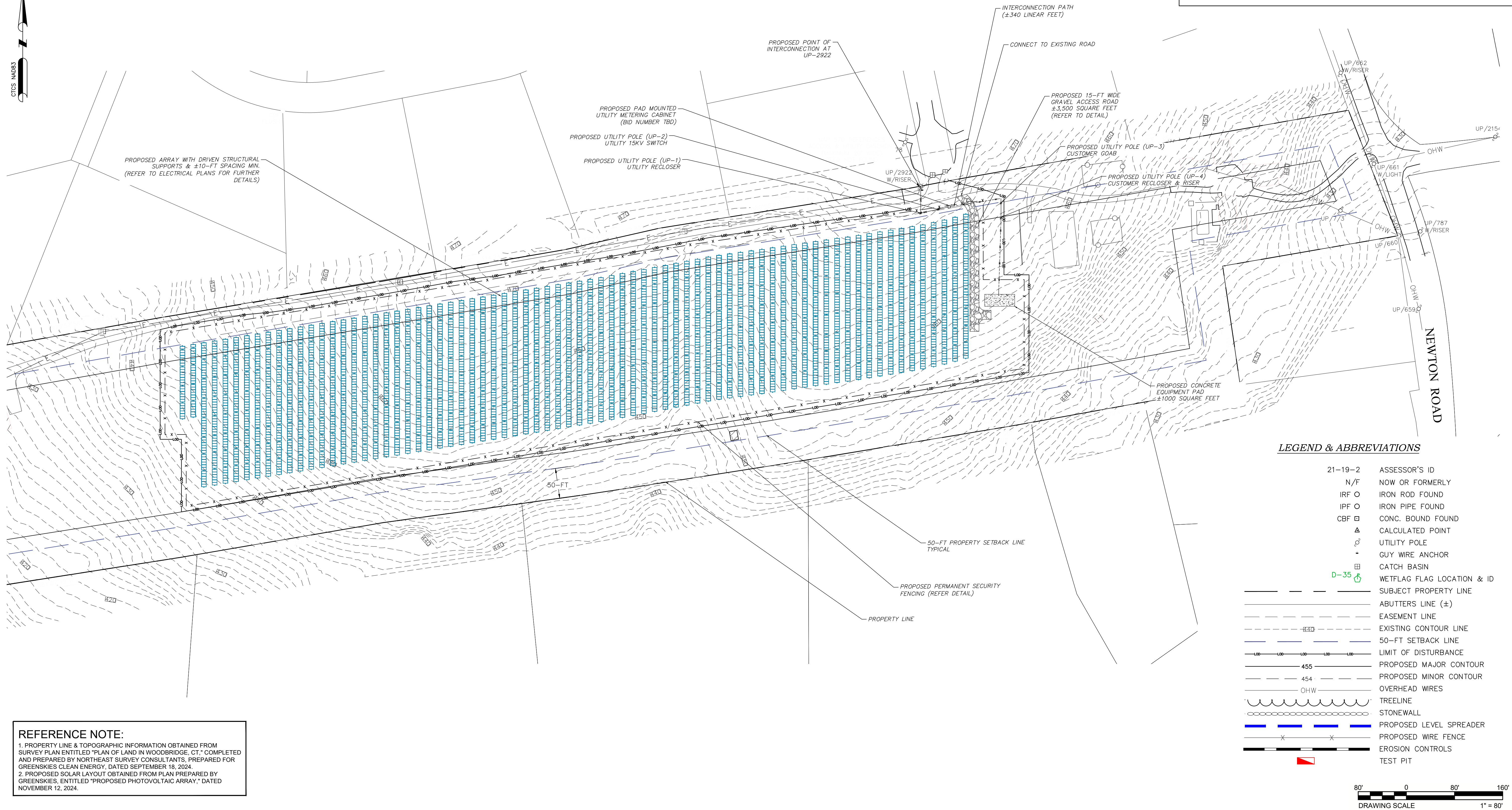
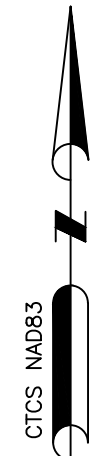
- SUBDIVISION & CELL TOWER EASEMENTS SHALL BE REMOVED AS PART OF THE APPROVAL PROCESS.



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.



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



verdantas

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PAWTUCKET, RI 02860

1005 MAIN STREET, SU
PAWTUCKET, RI 02860

PROFESSIONAL ENGINEER NO.: XXXX

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WOODBRIDGE-NEW HAVEN COUNTY-CONNECTICUT

PROPOSED OVERALL LAYOUT PLAN

SOLAR ARRAY DEVELOPMENT

GREENSKIES CLEAN ENERGY
SOUNDVIEW DRIVE

MAY 2025

SCALE AS SHOWN

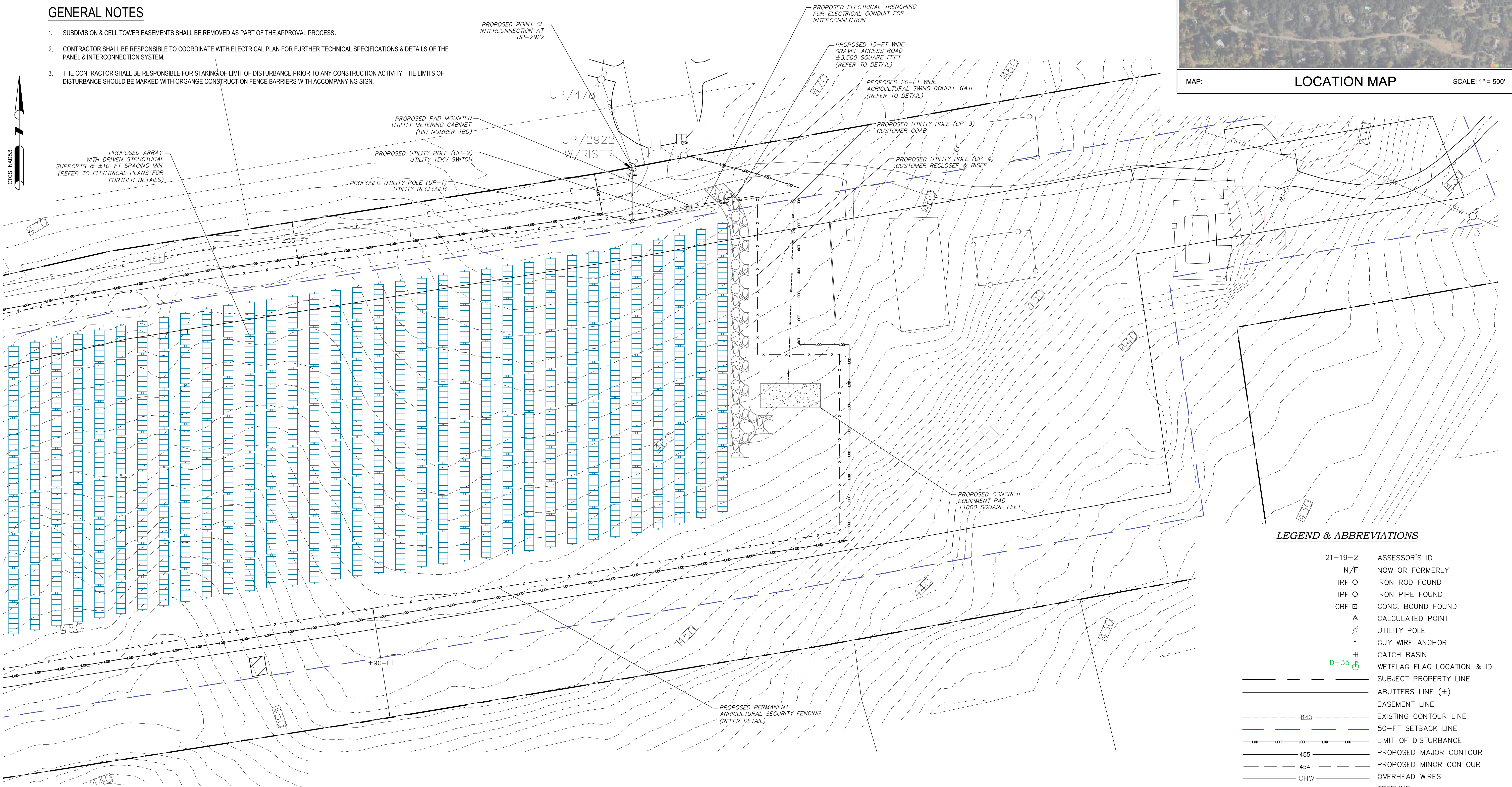
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LOCATION MAP

SCALE: 1" = 500'

No.	REVISION	CHK'D BY DATE	DESIGNED BY ED
	PRELIMINARY FOR CONNECTICUT SITING COUNCIL		DRAWN BY ED
			CHECKED BY CC
			PROJECT NO. 24412

**WOODBIDGE-NEW HAVEN COUNTY-CONNECTICUT
PROPOSED LAYOUT PLAN 1
SOLAR ARRAY DEVELOPMENT
GREENSKIES CLEAN ENERGY
SOUNDVIEW DRIVE**

DATE MAY 2025

SCALE AS SHOWN

SHEET

C104

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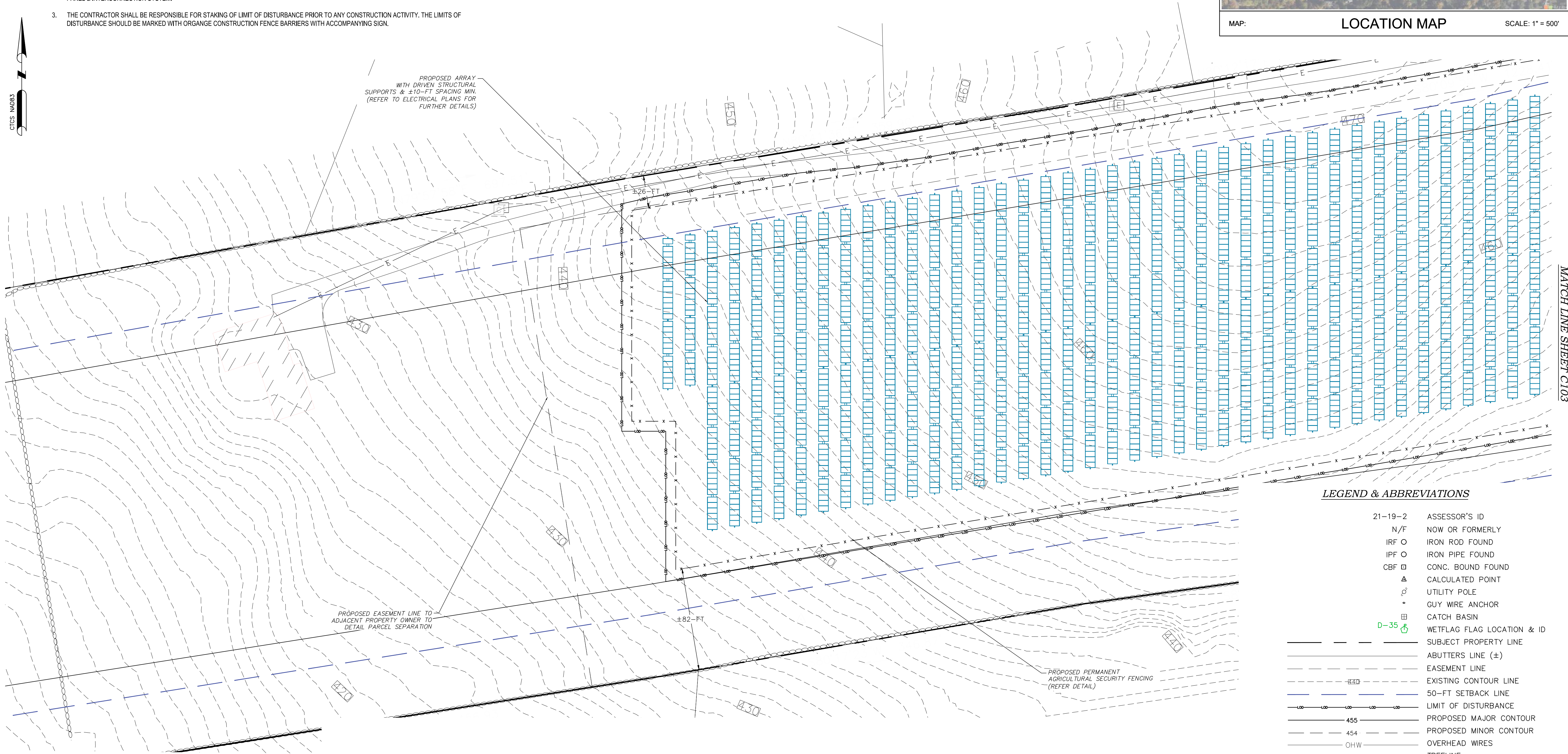
SYSTEM INFORMATION

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

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LEGEND & ABBREVIATIONS

21-19-2	ASSESSOR'S ID
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---	STONEWALL
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---	PROPOSED WIRE FENCE
---	EROSION CONTROLS
---	TEST PIT



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

DATE MAY 2025
SCALE AS SHOWN
SHEET **C105**

REVISION
PRELIMINARY FOR CONNECTICUT SITING COUNCIL

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PROJECT NO.
24412

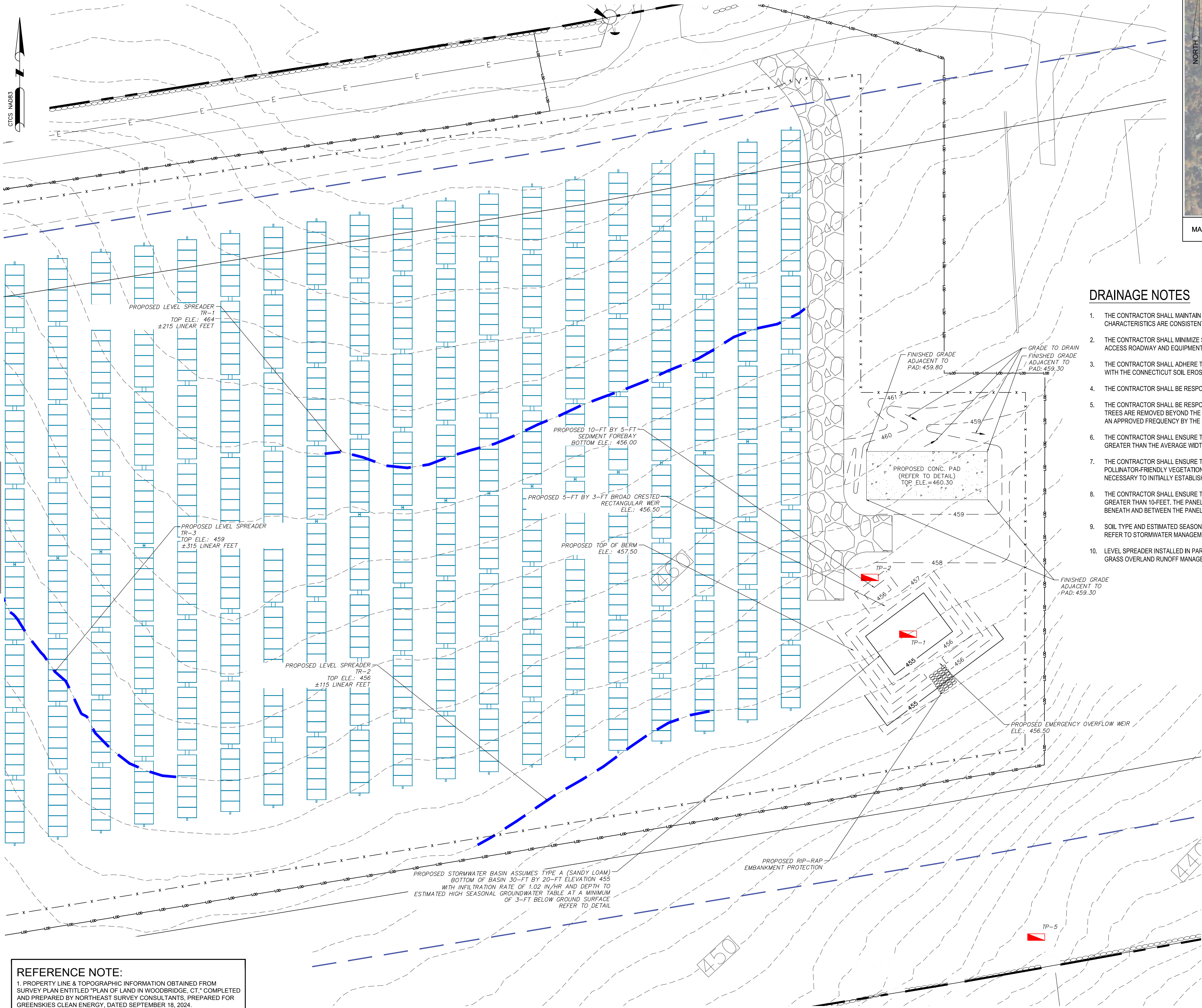
PROFESSIONAL ENGINEER NO. XXXX
P.E. #####
STATE_XXXXXX

verdantas

1005 MAIN STREET, SUITE NO.: 8120
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REFERENCE NOTE:

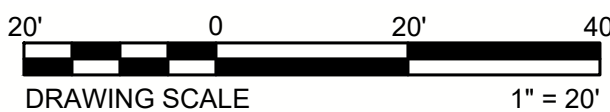
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- PROPOSED SOLAR LAYOUT OBTAINED FROM PLAN PREPARED BY GREENSKIES, ENTITLED "PROPOSED PHOTOVOLTAIC ARRAY," DATED NOVEMBER 12, 2024.

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

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WOODBRIDGE-NEW HAVEN COUNTY-CONNECTICUT
PROPOSED DRAINAGE PLAN 1
SOLAR ARRAY DEVELOPMENT
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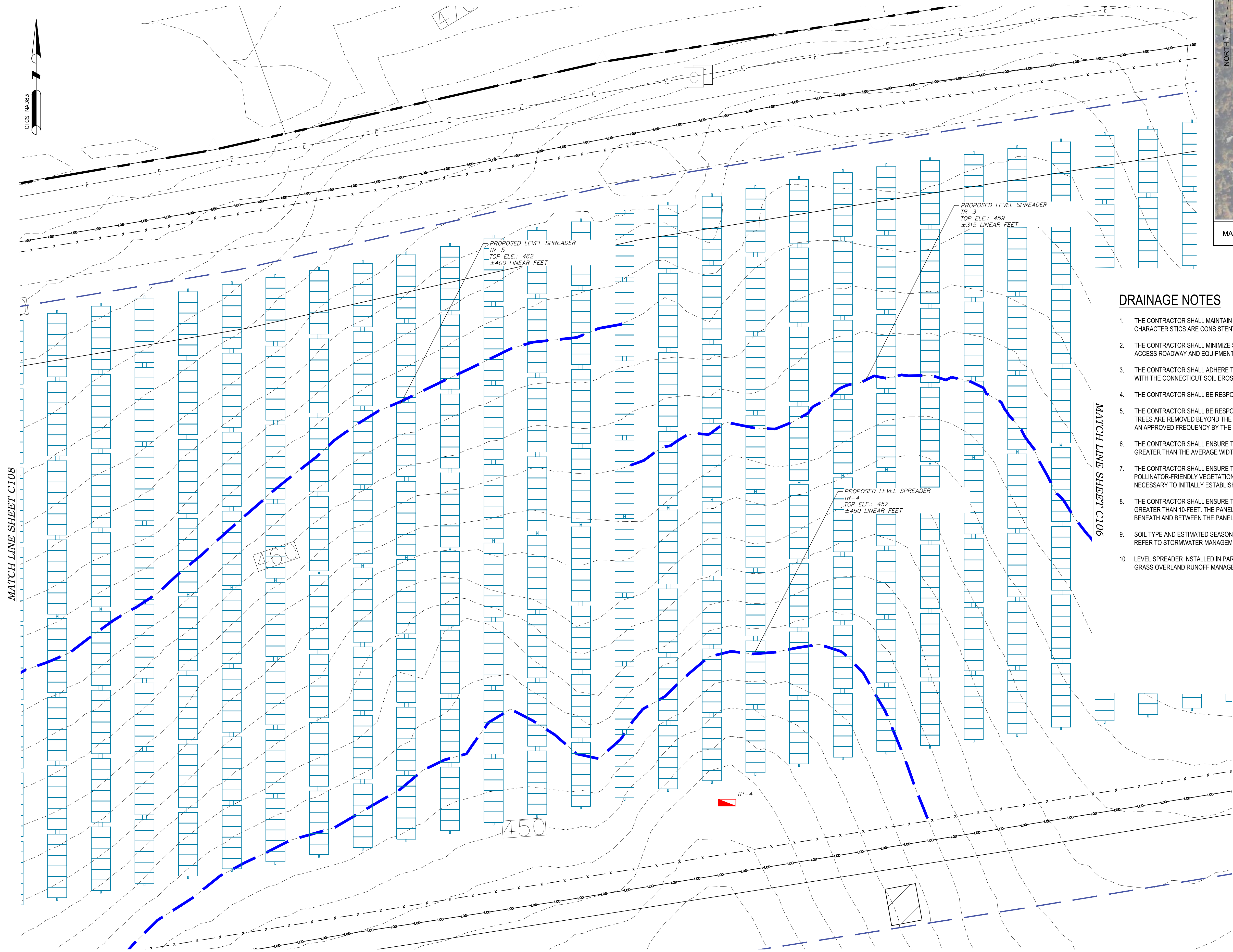
DATE MAY 2025

SCALE AS SHOWN

SHEET **C106**

DESIGNED BY	ED
CHK'D BY	DATE
DRAWN BY	ED
CHECKED BY	CC
PROJECT NO.	24412
STATE_XXXXX	P.E._####

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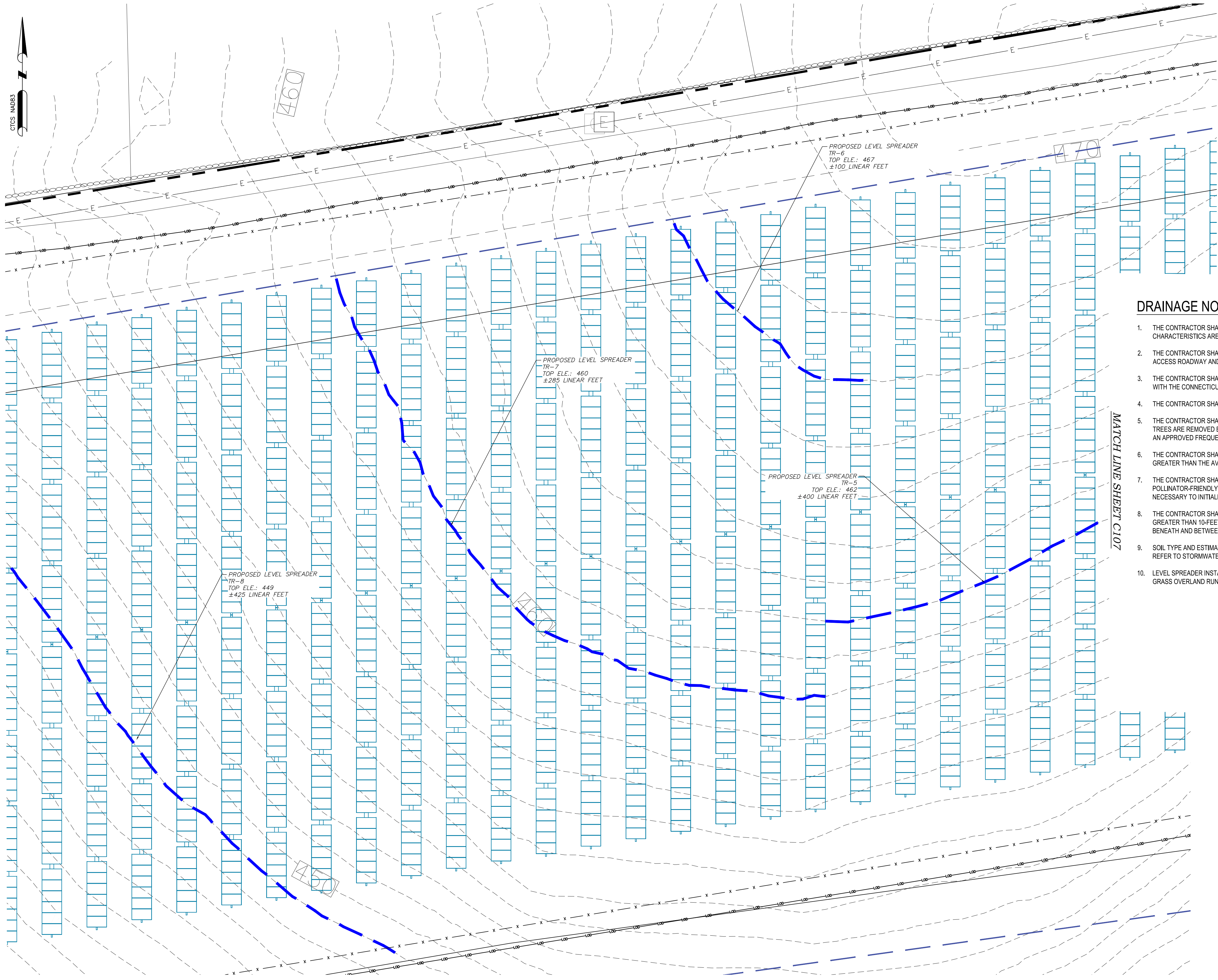
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- PROPOSED SOLAR LAYOUT OBTAINED FROM PLAN PREPARED BY GREENSKIES, ENTITLED "PROPOSED PHOTOVOLTAIC ARRAY," DATED NOVEMBER 12, 2024.

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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
Δ	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

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

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SOIL EROSION & SEDIMENT CONTROL NOTES:

- 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.
- 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.).
- 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.
- 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.
- 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.
- ALIGNMENT SILT FENCE/FILTER SOCK SHALL BE INSTALLED AS NECESSARY TO MAINTAIN SOIL EROSION AND SEDIMENT CONTROLS.
- 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.
- SLOPE EROSION CONTROL BLANKETS SHALL BE UTILIZED ON SLOPES IN EXCESS OF 10%.
- 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.
- 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.
- 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.
- A COPY OF THE SOIL EROSION AND SEDIMENT CONTROL PLAN MUST BE AVAILABLE AT THE PROJECT SITE THROUGHOUT CONSTRUCTION.
- 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.
- EROSION AND SEDIMENT CONTROL BMP'S SHALL BE MODIFIED AND/OR AUGMENTED AS REQUIRED TO REFLECT ACTUAL SITE CONSTRUCTION CONDITIONS.

TENTATIVE CONSTRUCTION SEQUENCING:

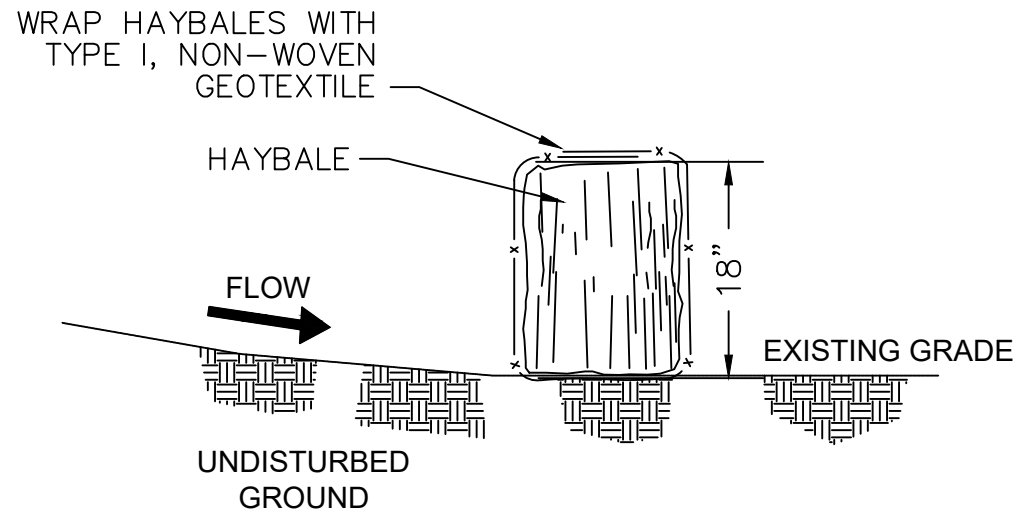
- ALL CONSTRUCTION ACTIVITIES ARE EXPECTED TO BEGIN IN THE FALL OF 2025 AND BE COMPLETED BY THE SPRING OF 2026. THE GENERAL CONSTRUCTION NOTES ARE AS FOLLOWS:
 - THE SITE CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CONTROL CONSTRUCTION SUCH THAT SEDIMENTATION SHALL NOT AFFECT ROADS/HIGHWAYS AND THEIR DRAINAGE 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.
 - 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 THE CTDEEP AND/OR THE STATE CONSERVATION DISTRICT WILL PERFORM PERIODIC INSPECTIONS. 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.
 - 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.
 - PRIOR TO CONSTRUCTION, THE APPLICANT SHALL PROVIDE THE TOWN OF WOODBRIDGE WITH THE NAME OF CONTACT AND 24-HOUR CONTACT INFORMATION.
 - CONTRACTOR SHALL ADHERE TO THE CONNECTICUT GUIDELINES FOR EROSION AND SEDIMENT CONTROL, DATED SEPTEMBER 30, 2023, EFFECTIVE MARCH 30, 2024.
 - 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.
 - THE CONTRACTOR SHALL CONTACT CALL-BEFORE-YOU-DIG (1-800-922-4455) PRIOR TO ENGAGING IN ANY EXCAVATION ACTIVITIES AT THE SITE.
 - THE CONTRACTOR SHALL NOTIFY THE TOWN OF WOODBRIDGE AGENT, ZONING ENFORCEMENT OFFICER, AND ENGINEERING DEPARTMENT, 48 HOURS PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITY.
 - NO CONSTRUCTION OF SITE IMPROVEMENTS MAY BEGIN UNTIL THE PROPER EROSION CONTROL MEASURES SERVING THE AREA TO BE DISTURBED ARE IN PLACE.
 - ANTICIPATED WORK HOURS WILL BE BETWEEN 6:30 AM AND 5:00 PM.
 - 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 ALTERNIOR METHODS MUST BE EMPLOYED.

PRE-CONSTRUCTION SITE PROTECTION SEQUENCING:

- ACCESS ROADS SHALL BE DESIGNATED AS EARLY AS FEASIBLE AND USED PRIMARILY FOR CONSTRUCTION TRAFFIC.
- 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.
- INSTALL STORMWATER BASIN/SEDIMENT TRAPS AND CONVEYANCE SWALES IN ACCORDANCE WITH THE APPROVED SITE-SPECIFIC SWPOP 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.
- SEED AND PROTECT DISTURBED SOILS AROUND SEDIMENT TRAPS AND BASINS WITHIN 14 DAYS OF COMPLETION. SECURE SEED WITH A THERMALLY-TREATED BFM APPLIED FOLLOWING MANUFACTURER'S 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.
- 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 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.
- 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 RESEEDED WITHIN 14 DAYS OF COMPLETION.
- 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.
- UPON COMPLETION OF THIS CONSTRUCTION PHASE, ALL DISTURBED AREAS SHALL BE SEEDDED WITH TACKIFIER AND CONSTRUCTION SEQUENCE MAY ONLY BEGIN IN AREAS DISPLAYING ADEQUATE VEGETATION WITHIN PROPOSED ARRAY AREA.

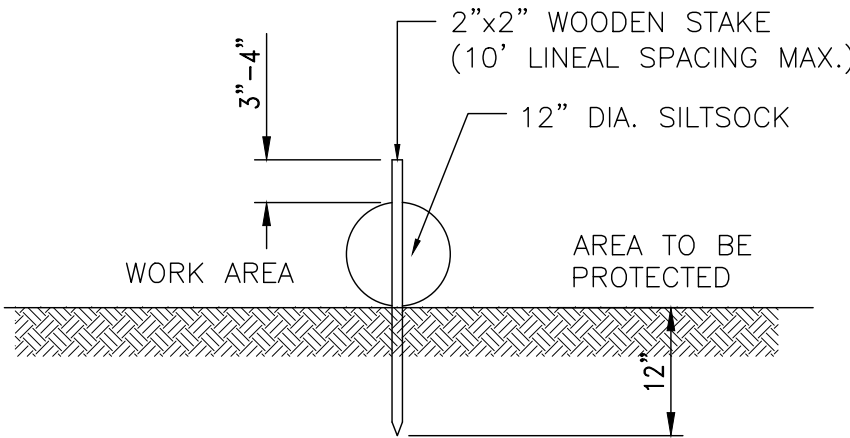
CONSTRUCTION SEQUENCING:

- INSTALL PILES AND/OR GROUND SCREWS FOR SOLAR PANEL RACKING.
- THE INSTALLATION OF RACKING SHALL FOLLOW THE FOUNDATION INSTALLATION BY ROUGHLY ONE WEEK STARTING FROM THE SAME POINT.
- 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.
- 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.
- UPON COMPLETION OF CONSTRUCTION, RE-SEED ALL DISTURBED AREAS WITHIN 14 DAYS AND PREVENT VEHICULAR TRAFFICKING OVER THESE AREAS. INSTALL FINAL LANDSCAPING.
- 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.



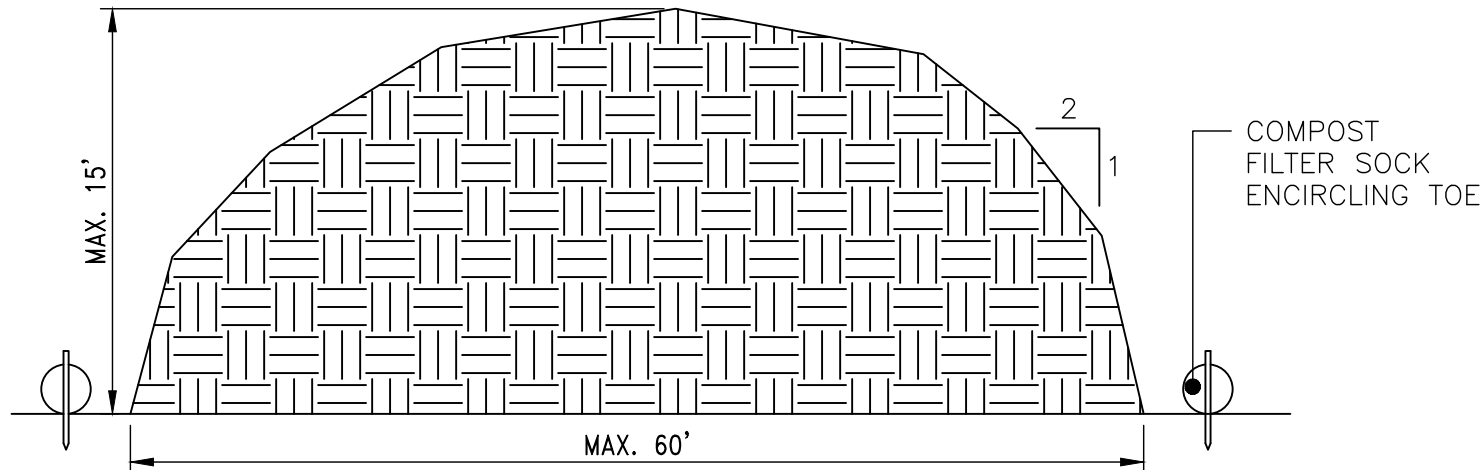
SEDIMENT BARRIER (SB) DETAIL

NOT TO SCALE



SILT SOCK DETAIL

NOT TO SCALE

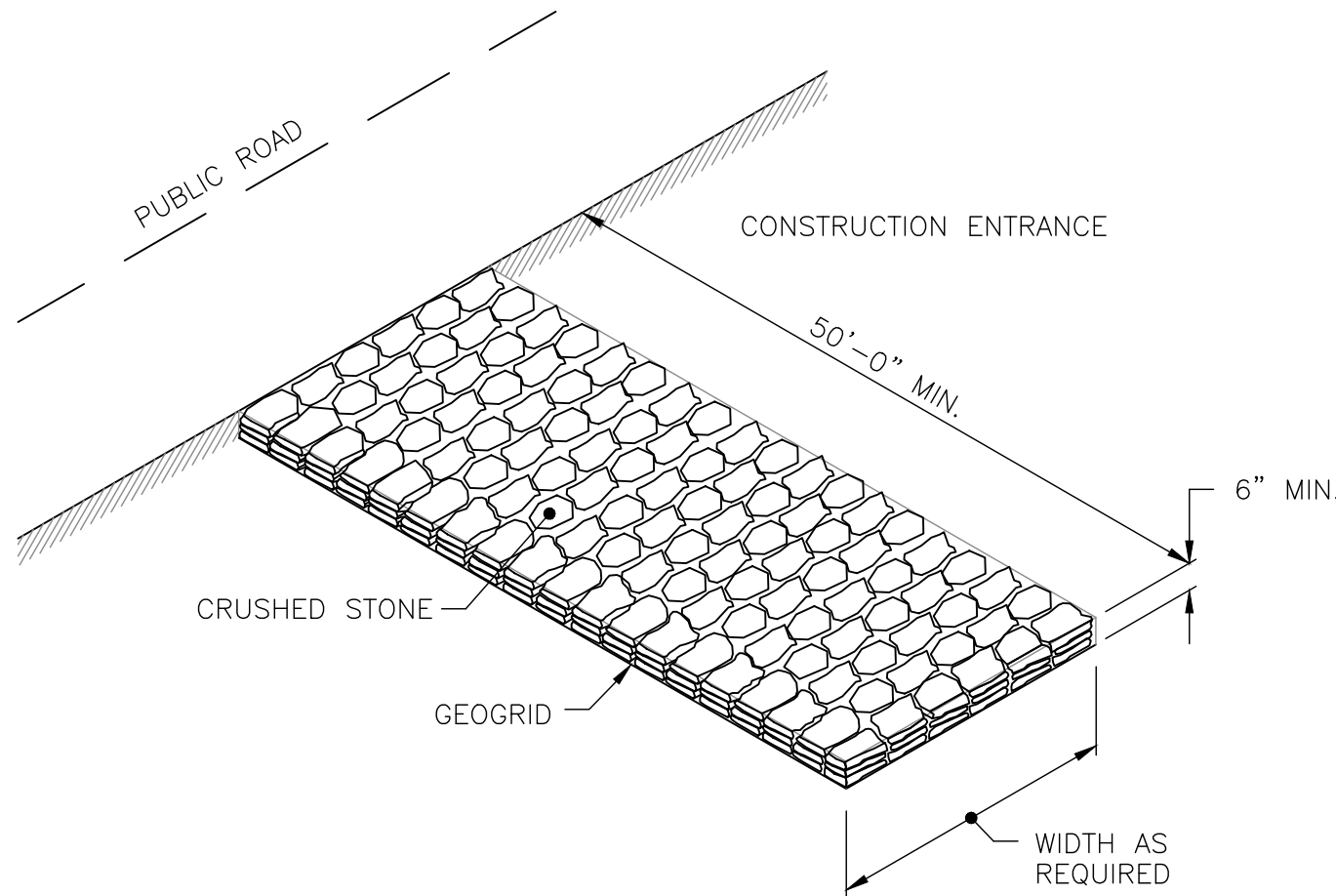


NOTES

- THE CONTRACTOR SHALL REQUIRE WRITTEN APPROVAL FROM THE ENGINEER IN THE EVENT THE STOCKPILE LOCATION DIFFERS FROM THE APPROVED PLAN.
- STOCKPILE AREA SHALL NOT EXCEED DIMENSIONS WITHOUT APPROVAL FROM ENGINEER.

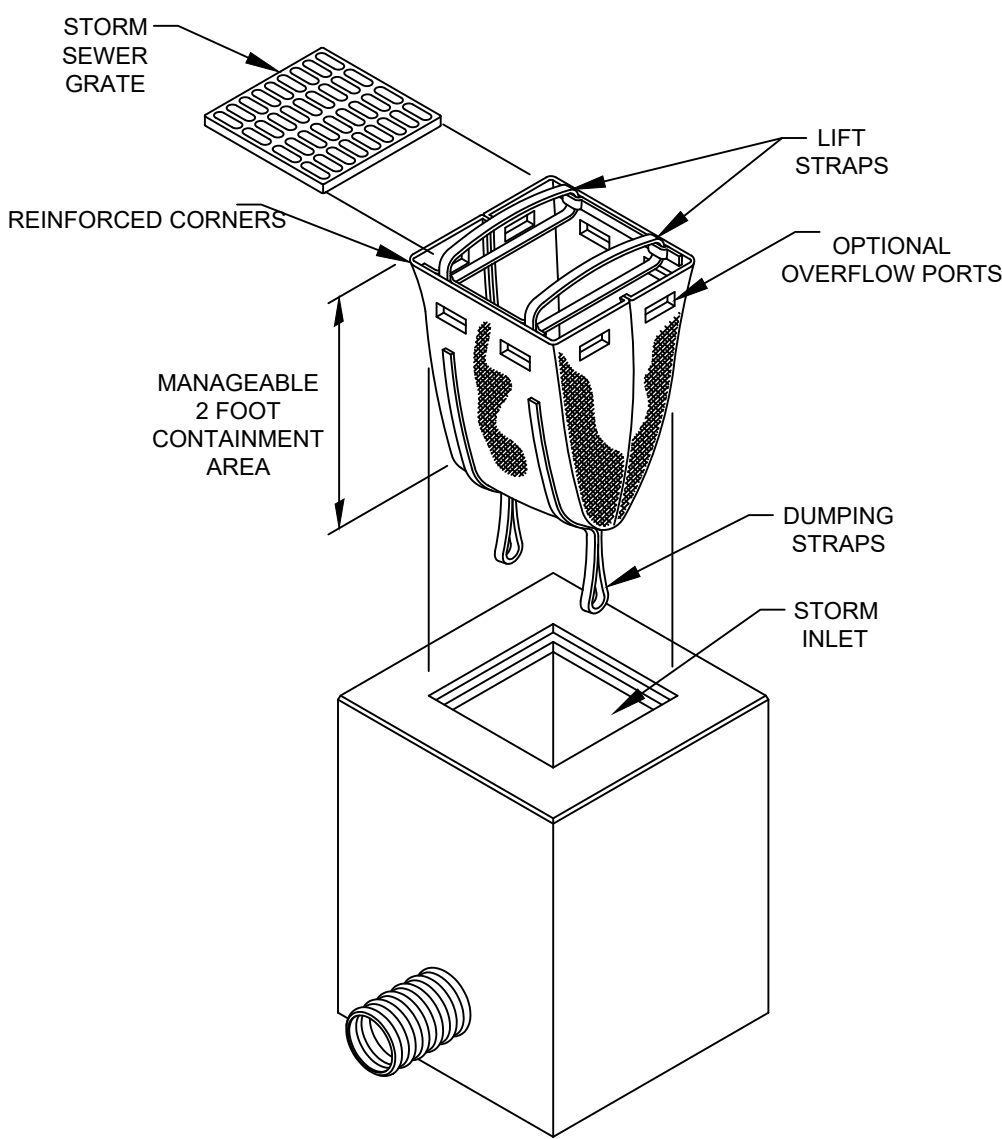
ERODIBLE MATERIAL STOCKPILE DETAIL

NOT TO SCALE



CONSTRUCTION ACCESS

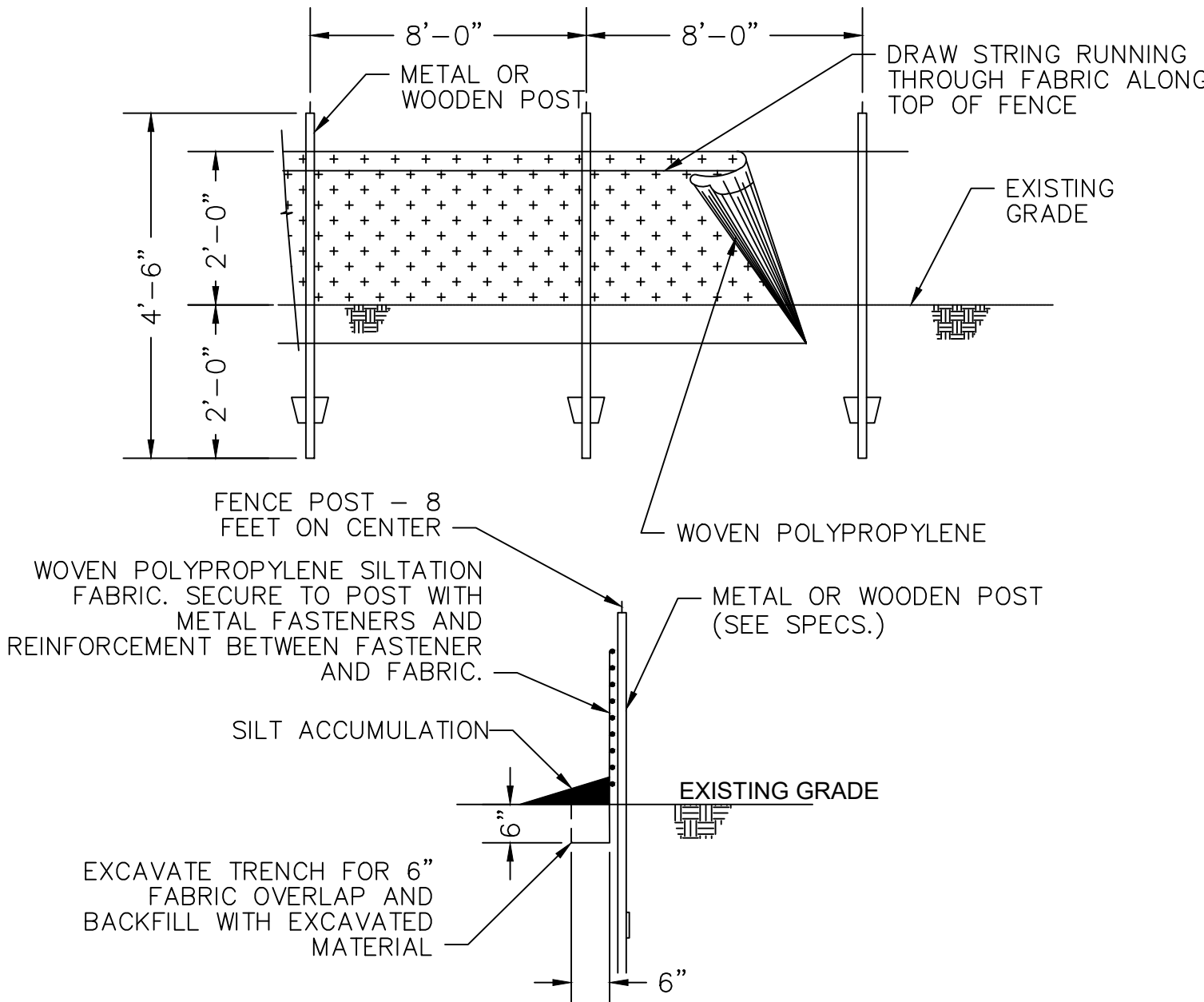
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DETAIL OF INLET SEDIMENT CONTROL DEVICE

CATCH BASIN PROTECTION

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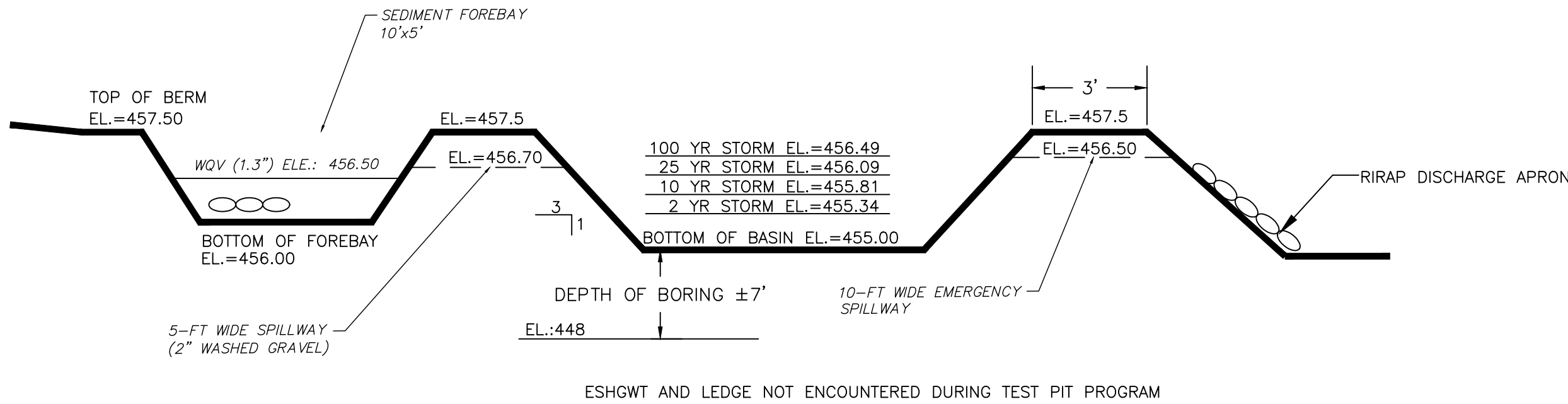
NOTE:

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

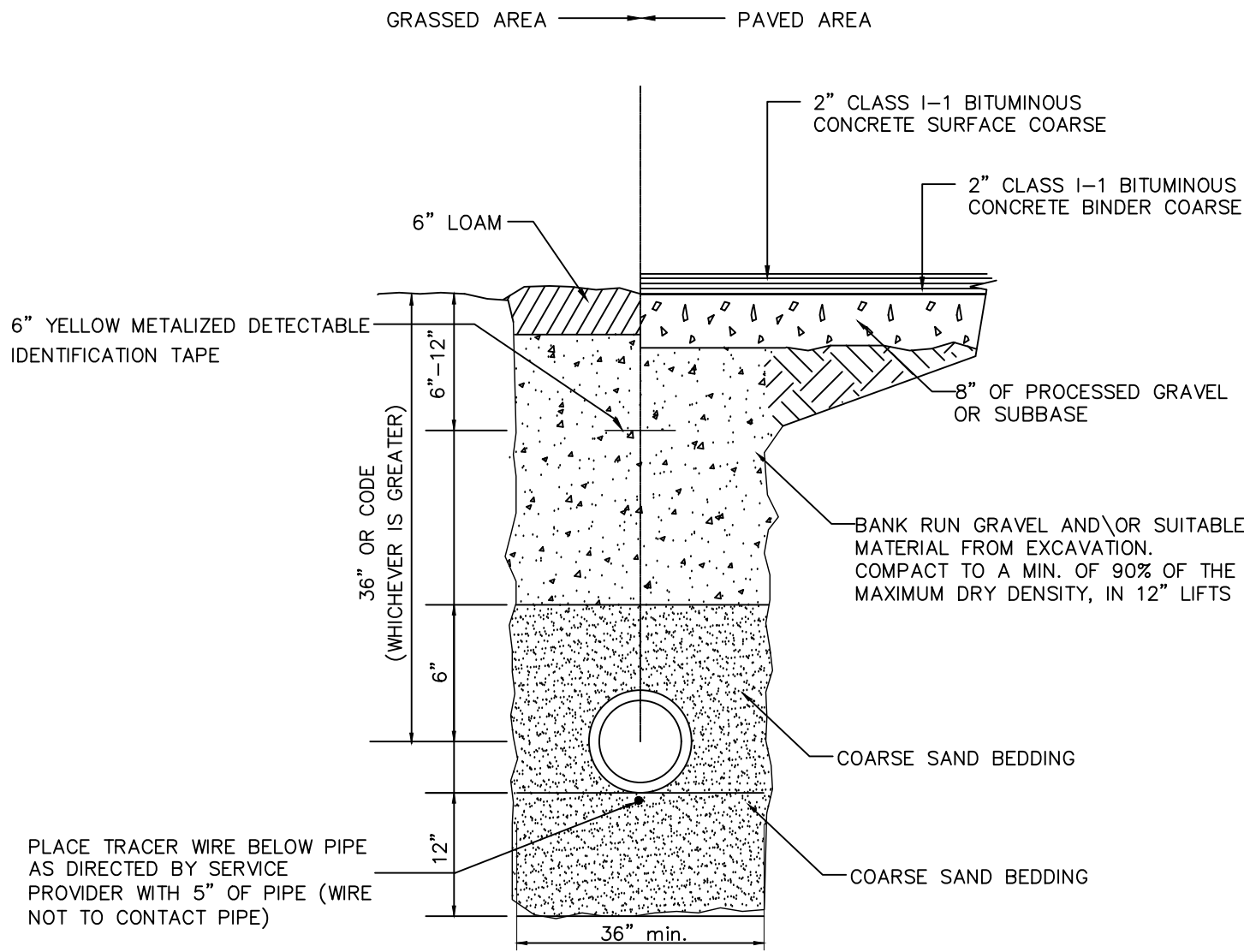
SILT FENCE DETAIL

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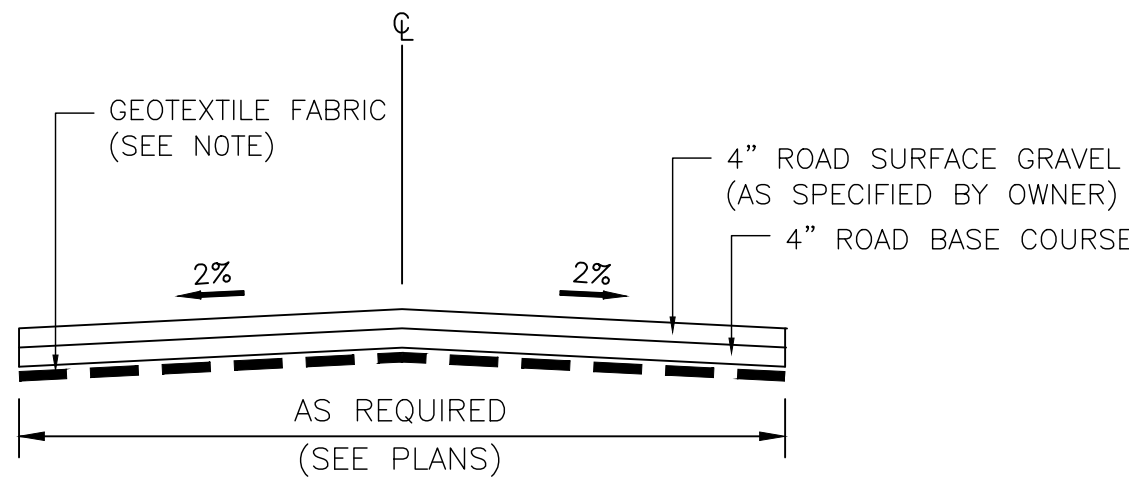


INFILTRATION BASIN DETAIL
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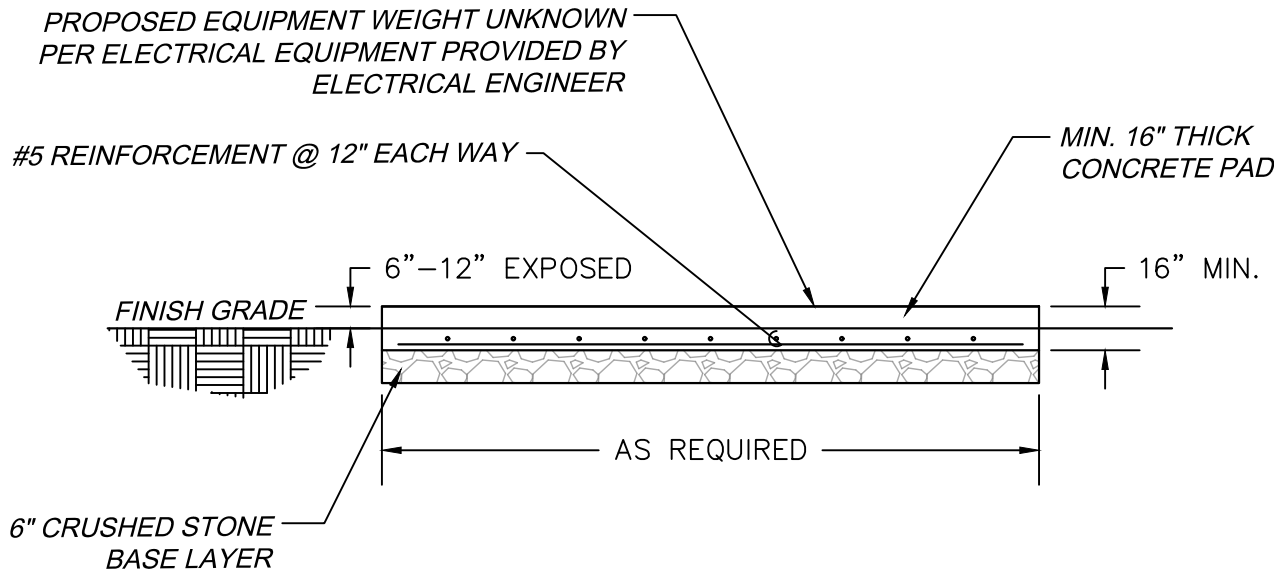
- NOTES:
- 1) CONTRACTOR TO COORDINATE FINAL TRENCH AND ELECTRICAL CONDUIT DIMENSIONS AND MATERIALS WITH SOLAR DEVELOPER.
 - 2) CONDUITS UNDER ROADWAYS AND PARKING AREAS SHALL BE CONCRETE ENCASED.

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. |

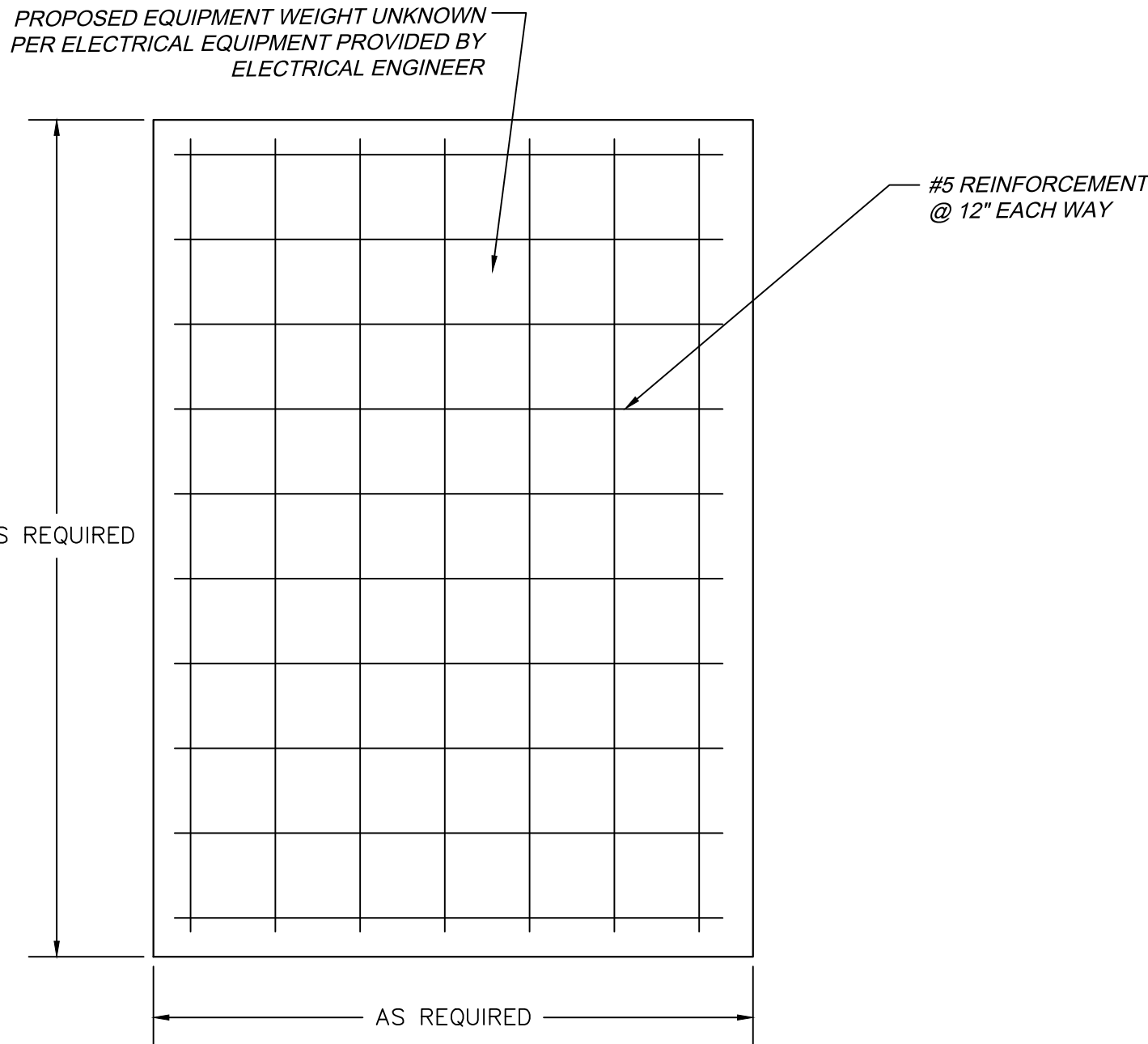
GRAVEL ACCESS ROAD DETAIL
NOT TO SCALE



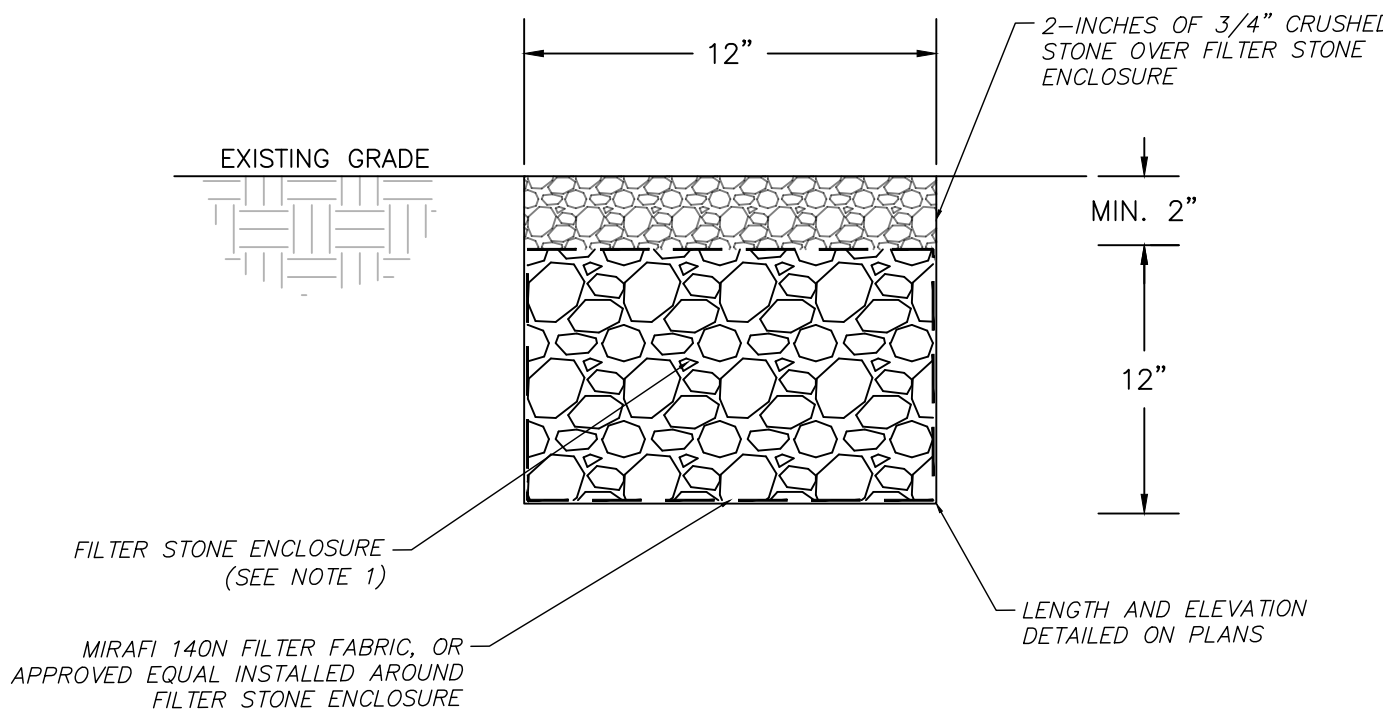
EQUIPMENT CONCRETE PAD CROSS SECTION DETAIL
NOT TO SCALE

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

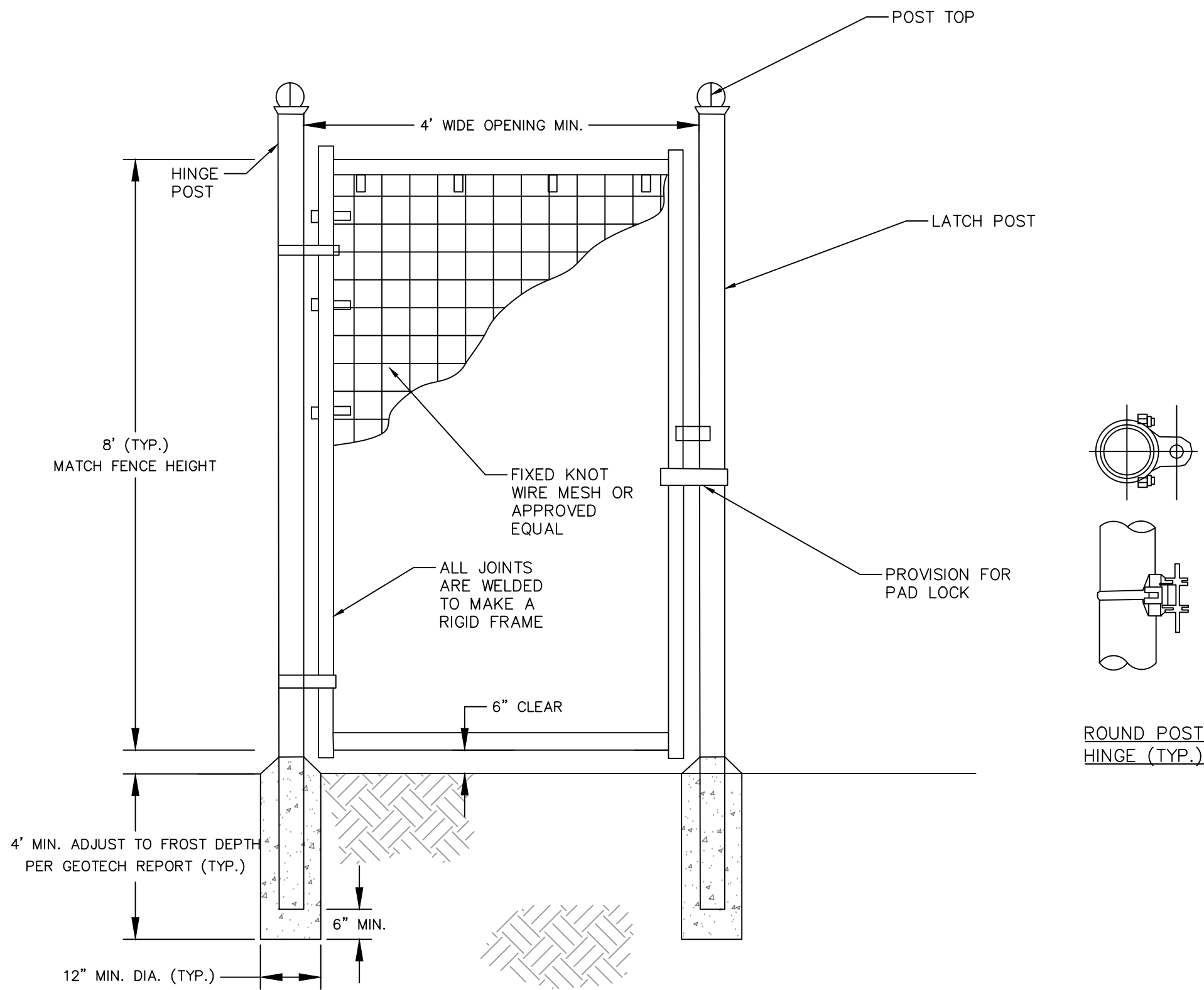
1005 MAIN STREET, SUITE NO.: 8120
PAWTUCKET, RI 02860

PROFESSIONAL ENGINEER NO.: XXXX	P.E. ####	STATE: XXXXX
DESIGNED BY ED	DRAWN BY ED	CHECKED BY CC
PROJECT NO. 24412		

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

DATE	MAY 2025
SCALE	AS SHOWN
SHEET	C110

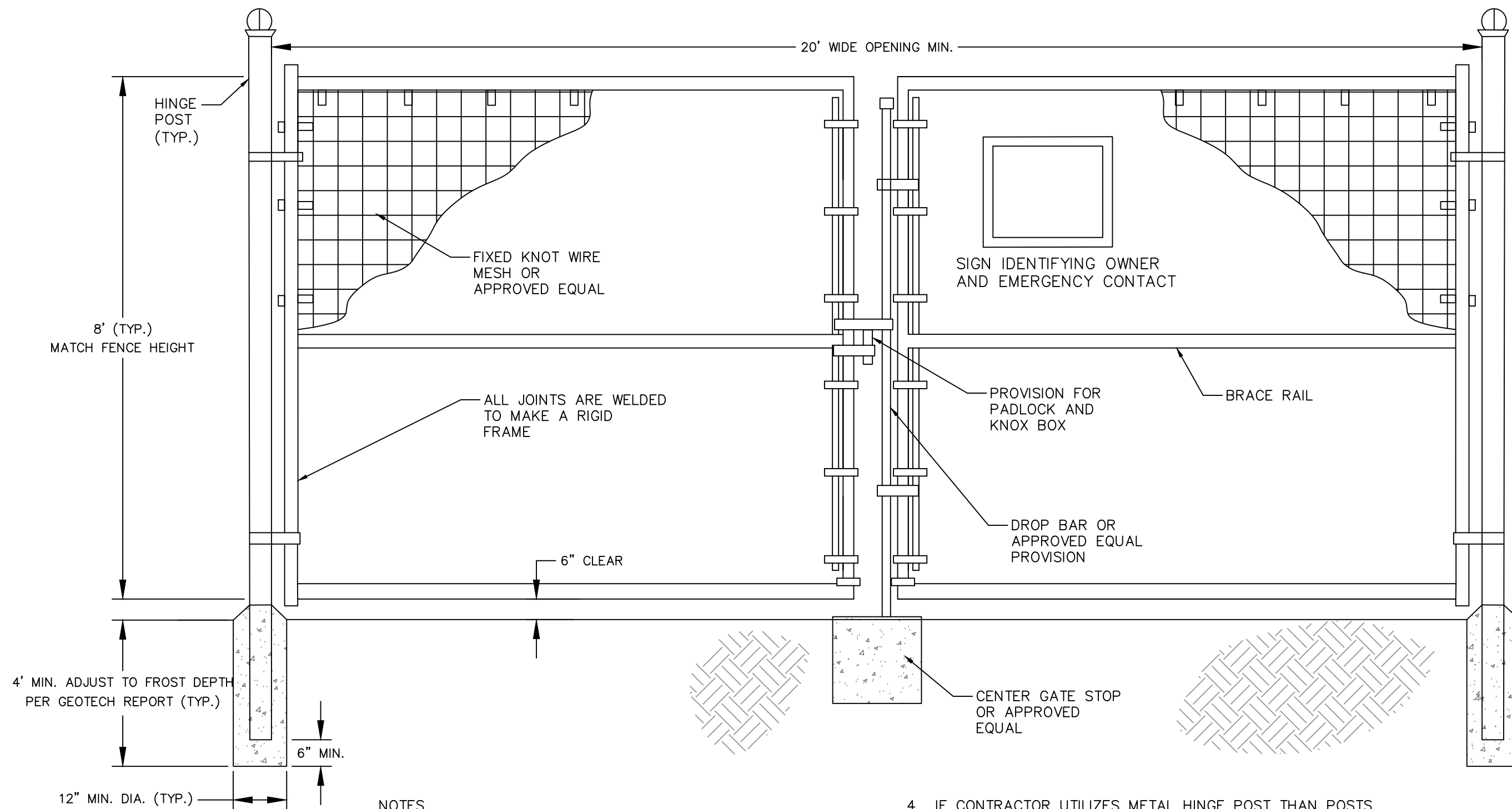
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- NOTES
1. INSTALL ALL FENCING COMPONENTS PER MANUFACTURES SPECIFICATIONS.
 2. ALL FENCING AND HARDWARE SHALL BE GALVANIZED, UNLESS OTHERWISE NOTED.
 3. HINGE POSTS MAY BE TIMBER IF CONTRACTOR DESIRES, TIMBER HINGE POSTS DO NOT NEED TO BE SET IN CONCRETE.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

FENCE PERSONNEL GATE DETAIL

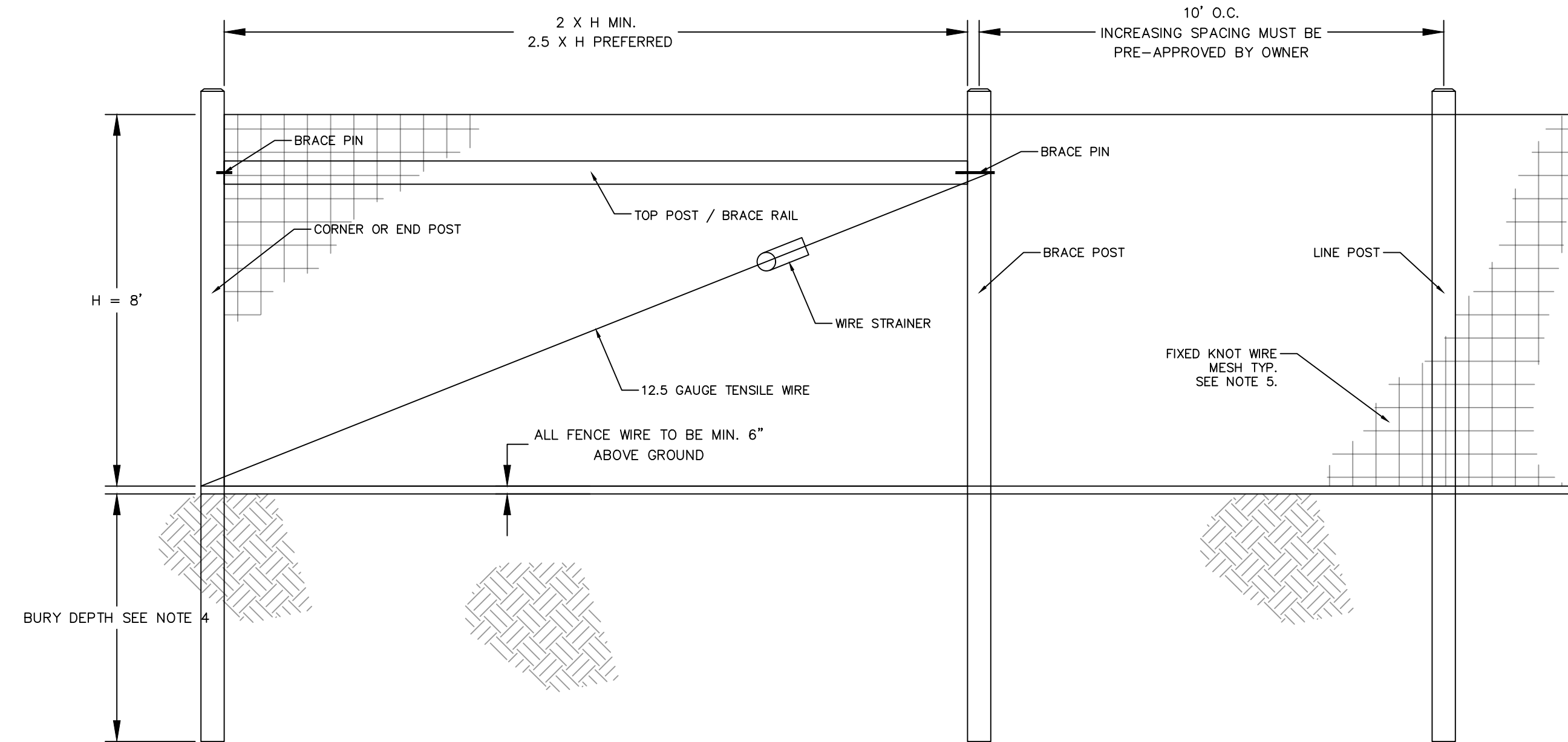
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 7. BRACE RAIL SHOWN FOR REFERENCE ADDITIONAL BRACE RAILS MAY BE REQUIRED (NOT SHOWN) OR TRUSS RODS MAY BE REQUIRED PER MANUFACTURES RECOMMENDATIONS
 8. PROVIDE A MINIMUM 6-INCH CLEARANCE FROM FINAL GRADE TO FACILITATE WILDLIFE PASSAGE

20' WIDE FENCE DOUBLE SWING GATE DETAIL

NOT TO SCALE



- NOTES
1. INSTALL ALL FENCING COMPONENTS PER MANUFACTURES SPECIFICATIONS.
 2. ALL FENCING AND HARDWARE SHALL BE GALVANIZED, UNLESS OTHERWISE NOTED.
 3. ALL SQUARE POSTS TO BE MIN. 5"x5" NOMINAL SIZE OR ROUND POST WITH MIN. 5" OR 6" DIAMETER PRESSURE TREATED WOOD OR APPROVED EQUAL. PREFER POSTS TO HAVE A CHAMFERED TOP.
 4. ALL LINE POST TO BE SET TO A MIN. DEPTH OF 4' BELOW GRADE, ALL CORNER, END OR GATE POSTS SHALL BE SET TO A MIN. DEPTH OF 6' BELOW GRADE, UNLESS OTHERWISE NOTED.
 5. FIXED KNOT WIRE MESH TO BE BEKAERT SOLIDLOCK[®] PRO, 12.5 GAUGE, CLASS 3 GALVANIZED, 6" VERTICAL SPACING OR APPROVED EQUAL.
 6. 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 1,000 LF. AN ADDITIONAL BRACE ASSEMBLY SHOULD BE INSTALLED MID SPAN FOR STRAIGHT RUNS OF FENCE THAT EXCEED 1,320 LF. ADDITIONAL BRACING MAY BE STILL BE REQUIRED OVER UNEVEN TERRAIN. CONTRACTOR SHALL INSTALL ADDITIONAL BRACING AS NEEDED IF DEFLECTION IS NOTICED DURING TENSIONING.
 8. PROVIDE A MINIMUM 6-INCH CLEARANCE FROM FINAL GRADE TO FACILITATE WILDLIFE PASSAGE

FENCE DETAIL

NOT TO SCALE

WOODBRIDGE-NEW HAVEN COUNTY-CONNECTICUT
FENCE DETAILS
SOLAR ARRAY DEVELOPMENT
GREENSKIES CLEAN ENERGY
SOUNDVIEW DRIVE

DATE MAY 2025
SCALE AS SHOWN
SHEET C111

DESIGNED BY ED
DRAWN BY ED
CHECKED BY CC
PROJECT NO. 24112

PROFESSIONAL ENGINEER NO. XXXX
P.E. #####
STATE_ XXXXX

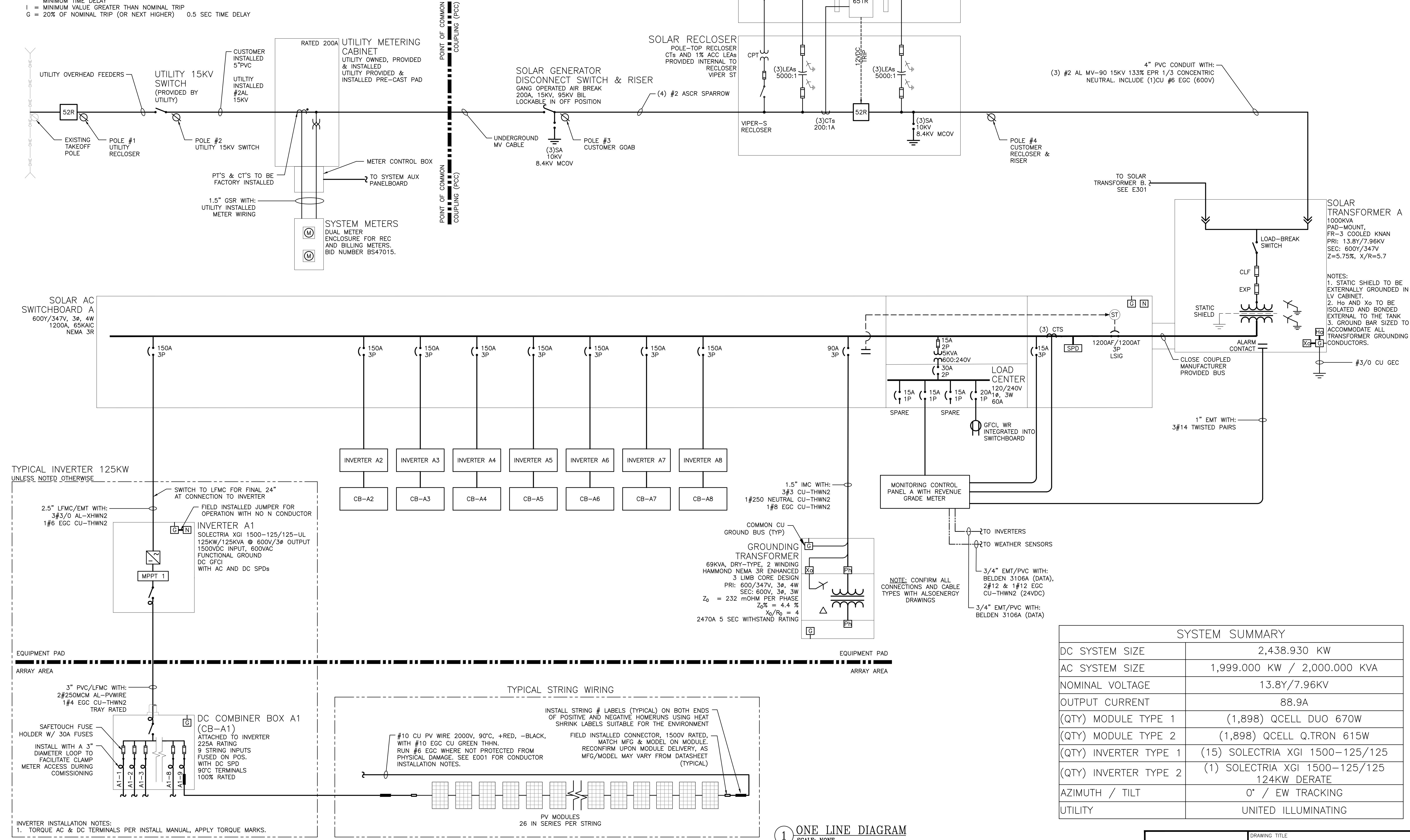
verdantas
1005 MAIN STREET, SUITE NO.: 8120
PAWTUCKET, RI 02860

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18
RULER IN INCHES: PLOT DATE: 2/29/2025 10:48



18
17
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RULER IN INCHES:

- DRAWING NOTES:**
- CONTRACTOR SHALL FIELD-VERIFY INTERCONNECTION MEANS/METHODS PRIOR TO INSTALLATION. COORDINATED SHUTDOWN MAY BE REQUIRED.
 - ALL GROUND BARS AND LUGS SHALL BE DUAL RATED AL/CU.
 - UNLESS OTHERWISE NOTED EQUIPMENT IS PERMITTED TO BE 80% OR 100% RATED. EQUIPMENT SHOWN AS "100% RATED" SHALL INCLUDE AN ASSEMBLY, INCLUDING OVERCURRENT PROTECTION DEVICES, WHICH IS LISTED FOR CONTINUOUS OPERATION AT 100% OF ITS RATED CURRENT.
 - PVC SCH80 REQUIRED WHERE PVC IS SPECIFIED. PVC SCH40 IS PERMITTED FOR UNDERGROUND STRAIGHT RUNS ONLY.
 - SET NEW ELECTRONIC-TRIP BREAKERS TO THE SETTINGS BELOW, UNLESS OTHERWISE NOTED IN POWER STUDY. "NOMINAL TRIP" REFERS TO BREAKER TRIP RATING INDICATED ON ONELINE. SETTINGS BELOW ARE NOT FOR COORDINATION PURPOSES.
L = 100% OF NOMINAL TRIP (EXACT) MINIMUM TIME DELAY
S = 125% OF NOMINAL TRIP (OR NEXT HIGHER) MINIMUM TIME DELAY
I = MINIMUM VALUE GREATER THAN NOMINAL TRIP
G = 20% OF NOMINAL TRIP (OR NEXT HIGHER) 0.5 SEC TIME DELAY



1 ONE LINE DIAGRAM
SCALE: NONE

PROJECT SOLAR GROUND MOUNT SYSTEM AT 16 SOUNDVIEW DRIVE WOODBRIIDGE, CT 06525	DC SYSTEM SIZE: 2,438.930 KWDC AC SYSTEM SIZE: 1,999.000 KWAC MODULE TYPE (1): QCELL DUO 670W MODULE TYPE (2): QCELL Q.TRON 615W MODULE QUANTITY (1): 1,898 (1,898/1,898) MODULE QUANTITY (2): 1,898 (1,898/1,898) ORIENTATION: SAT. 0° AZIMUTH	PAGE SIZE 36" x 24" PROJECT # 09941.01	DEVELOPER Greenskies a Clean Focus company	GREENSKIES 127 WASHINGTON AVENUE NORTH HAVEN, CT 06473 WWW.GREENSKIES.COM	DATE 02/21/2025	REVISION DESCRIPTION IC DOCS REV. 1 INTERCONNECTION DOCUMENTS	PW TENG CHK	SK XZ RJ	SK JK RJ

