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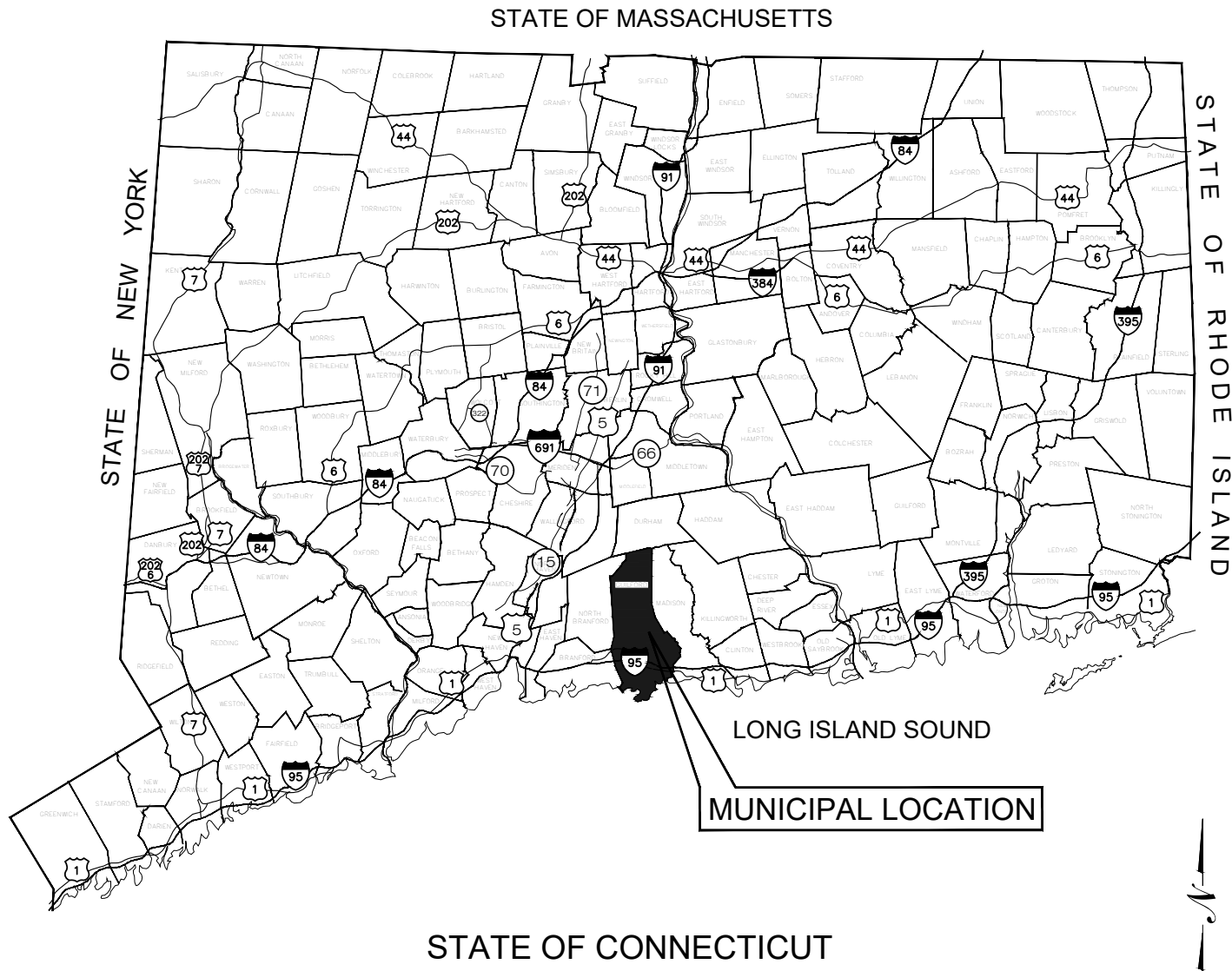


Exhibit A

"GUILFORD HIGH SCHOOL BESS"

PUREPOINT ENERGY, LLC

605 NEW ENGLAND ROAD

GUILFORD, CT 06437

LIST OF DRAWINGS

- T-1 TITLE SHEET
- 1 OF 1 TOPOGRAPHIC SURVEY
- GN-1 GENERAL NOTES & LEGEND
- GN-2 EROSION & SEDIMENT CONTROL NOTES & DETAILS
- GN-3 ENVIRONMENTAL NOTES
- OP-1 OVERALL LOCUS PLAN
- ES-1 GRADING AND EROSION & SEDIMENT CONTROL PLAN
- SU-1 SITE & UTILITY PLAN
- DN-1 DETAILS

SITE INFORMATION

SITE NAME: "GUILFORD HIGH SCHOOL BESS"

LOCATION: 605 NEW ENGLAND ROAD
GUILFORD, CT 06437

SITE TYPE/DESCRIPTION: ENERGY STORAGE SYSTEM 5 MW
CONSISTING OF APPROX. 7 SOLBANK 3.0
BATTERIES, 5 EPC POWER CAB1000 INVERTERS,
2 TRANSFORMERS AND 2 DC RECOMBINERS

PROPERTY OWNER: TOWN OF GUILFORD (C/O HIGH SCHOOL)
605 NEW ENGLAND ROAD
GUILFORD, CT 06437

PETITIONER: PURE POINT ENERGY, LLC
22 SOUTH SMITH STREET
NORWALK, CT 06855

ENGINEER CONTACT: THOMAS E. LITTLE, P.E.
(860) 552-2046

LATITUDE: N 41° 18' 46.27"
LONGITUDE: W 72° 42' 33.92"

MBLU: 084001
ZONE: -
LAND USE: HIGH SCHOOL
LAND CLASS CODE: COMMERCIAL

TOTAL SITE ACREAGE: 30± AC.
TOTAL DISTURBED AREA: 0.18± AC.

APPROX. VOLUME OF CUT: 34.7 ± CY
APPROX. VOLUME OF FILL: 12.7 ± CY
APPROX. NET VOLUME: 22.0 ± CY OF CUT

USGS TOPOGRAPHIC MAP



SOURCE: USGS 7.5 QUADRANGLE MAP, GUILFORD, CT 2013



22 SOUTH SMITH STREET
NORWALK, CT 06855



567 VAUXHALL STREET EXTENSION - SUITE 311
WATERFORD, CT 06385 PHONE: (860)-663-1697
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CSC SUBMISSION

NO	DATE	REVISION
1		
2		
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DESIGN PROFESSIONALS OF RECORD

PROF: THOMAS E. LITTLE, P.E.
COMP: ALL-POINTS TECHNOLOGY CORPORATION, P.C.
ADD: 567 VAUXHALL STREET
EXTENSION - SUITE 311
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OWNER: TOWN OF GUILFORD
(C/O HIGH SCHOOL)
ADDRESS: 605 NEW ENGLAND ROAD
GUILFORD, CT 06437

GUILFORD HIGH SCHOOL BESS

SITE ADDRESS:
605 NEW ENGLAND ROAD
GUILFORD, CT 06437

APT FILING NUMBER: CT801100

	DRAWN BY:UKA/ELZ
DATE: 12/02/25	CHECKED BY: TEL

SHEET TITLE:

TITLE SHEET

SHEET NUMBER:

T-1

GENERAL NOTES

- ALL CONSTRUCTION SHALL COMPLY WITH PROJECT DEVELOPER STANDARDS, TOWN OF GUILFORD STANDARDS, CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARDS AND SPECIFICATIONS IN THE ABOVE REFERENCED INCREASING HIERARCHY. IF SPECIFICATIONS ARE IN CONFLICT, THE MORE STRINGENT SPECIFICATION SHALL APPLY.
- IF NO PROJECT CONSTRUCTION SPECIFICATION PACKAGE IS PROVIDED BY THE PROJECT DEVELOPER OR THEIR REPRESENTATIVE, THE CONTRACTOR SHALL COMPLY WITH THE MANUFACTURER, TOWN OF GUILFORD, OR CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, AND BE IN ACCORDANCE WITH ALL APPLICABLE OSHA, FEDERAL, STATE AND LOCAL REGULATIONS.
- THE PROJECT DEVELOPER IS RESPONSIBLE FOR OBTAINING ALL NECESSARY ZONING AND STORMWATER PERMITS REQUIRED BY GOVERNMENT AGENCIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL OBTAIN ALL TOWN OF GUILFORD CONSTRUCTION PERMITS. THE CONTRACTOR SHALL POST ALL BONDS, PAY ALL FEES, PROVIDE PROOF OF INSURANCE AND PROVIDE TRAFFIC CONTROL NECESSARY FOR THIS WORK.
- REFER TO PLANS, DETAILS AND REPORTS PREPARED BY ALL-POINTS TECHNOLOGY CORPORATION FOR ADDITIONAL INFORMATION. THE CONTRACTOR SHALL VERIFY ALL SITE CONDITIONS IN THE FIELD AND CONTACT THE PROJECT DEVELOPER IF THERE ARE ANY QUESTIONS OR CONFLICTS REGARDING THE CONSTRUCTION DOCUMENTS AND/OR FIELD CONDITIONS SO THAT APPROPRIATE REVISIONS CAN BE MADE PRIOR TO BIDDING/CONSTRUCTION. ANY CONFLICT BETWEEN THE DRAWINGS AND SPECIFICATIONS SHALL BE CONFIRMED WITH THE PROJECT DEVELOPERS CONSTRUCTION MANAGER PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF ALL PRODUCTS, MATERIALS PER PLANS, AND SPECIFICATIONS TO THE PROJECT DEVELOPER FOR REVIEW AND APPROVAL PRIOR TO FABRICATION OR DELIVERY TO THE SITE. ALLOW A MINIMUM OF 14 WORKING DAYS FOR REVIEW.
- SHOULD ANY UNKNOWN OR INCORRECTLY LOCATED EXISTING PIPING OR OTHER UTILITY BE UNCOVERED DURING EXCAVATION, CONSULT THE PROJECT DEVELOPER IMMEDIATELY FOR DIRECTIONS BEFORE PROCEEDING FURTHER WITH WORK IN THIS AREA.
- DO NOT INTERRUPT EXISTING UTILITIES SERVICING FACILITIES OCCUPIED AND USED BY THE PROJECT DEVELOPER OR OTHERS DURING OCCUPIED HOURS, EXCEPT WHEN SUCH INTERRUPTIONS HAVE BEEN AUTHORIZED IN WRITING BY THE PROJECT DEVELOPER AND THE LOCAL MUNICIPALITY. INTERRUPTIONS SHALL ONLY OCCUR AFTER ACCEPTABLE TEMPORARY SERVICE HAS BEEN PROVIDED.
- THE CONTRACT LIMIT IS THE PROPERTY LINE UNLESS OTHERWISE SPECIFIED OR SHOWN ON THE CONTRACT DRAWINGS.
- THE CONTRACTOR SHALL ABIDE BY ALL OSHA, FEDERAL, STATE AND LOCAL REGULATIONS WHEN OPERATING CRANES, BOOMS, HOISTS, ETC. IN CLOSE PROXIMITY TO OVERHEAD ELECTRIC LINES. IF CONTRACTOR MUST OPERATE EQUIPMENT CLOSE TO ELECTRIC LINES, CONTACT POWER COMPANY TO MAKE ARRANGEMENTS FOR PROPER SAFEGUARDS. ANY UTILITY COMPANY FEES SHALL BE PAID FOR BY THE CONTRACTOR.
- THE CONTRACTOR SHALL COMPLY WITH OSHA CFR 29 PART 1926 FOR EXCAVATION TRENCHING AND TRENCH PROTECTION REQUIREMENTS.
- THE ENGINEER IS NOT RESPONSIBLE FOR SITE SAFETY MEASURES TO BE EMPLOYED DURING CONSTRUCTION. THE ENGINEER HAS NO CONTRACTUAL DUTY TO CONTROL THE SAFEST METHODS OR MEANS OF THE WORK, JOB SITE RESPONSIBILITIES, SUPERVISION OF PERSONNEL OR TO SUPERVISE SAFETY AND DO NOT VOLUNTARILY ASSUME ANY SUCH DUTY OR RESPONSIBILITY.
- THE CONTRACTOR SHALL RESTORE ANY DRAINAGE STRUCTURE, PIPE, CONDUIT, PAVEMENT, CURBING, SIDEWALKS, LANDSCAPED AREAS OR SIGNAGE DISTURBED DURING CONSTRUCTION TO THEIR ORIGINAL CONDITION OR BETTER, AS APPROVED BY THE PROJECT DEVELOPER OR TOWN OF GUILFORD.
- THE CONTRACTOR SHALL PROVIDE AS-BUILT RECORDS OF ALL CONSTRUCTION (INCLUDING UNDERGROUND UTILITIES) TO THE PROJECT DEVELOPER AT THE END OF CONSTRUCTION.
- ALTERNATIVE METHODS AND PRODUCTS, OTHER THAN THOSE SPECIFIED, MAY BE USED IF REVIEWED AND APPROVED BY THE PROJECT DEVELOPER, ENGINEER, AND APPROPRIATE REGULATORY AGENCY PRIOR TO INSTALLATION DURING THE BIDDING/CONSTRUCTION PROCESS.
- INFORMATION ON EXISTING UTILITIES AND STORM DRAINAGE SYSTEMS HAS BEEN COMPILED FROM AVAILABLE INFORMATION INCLUDING UTILITY PROVIDER AND MUNICIPAL RECORD MAPS AND/OR FIELD SURVEY AND IS NOT GUARANTEED CORRECT OR COMPLETE. UTILITIES AND STORM DRAINAGE SYSTEMS ARE SHOWN TO ALERT THE CONTRACTOR TO THEIR PRESENCE AND THE CONTRACTOR IS SOLELY RESPONSIBLE FOR DETERMINING ACTUAL LOCATIONS AND ELEVATIONS OF ALL UTILITIES AND STORM DRAINAGE SYSTEMS INCLUDING SERVICES. PRIOR TO DEMOLITION OR CONSTRUCTION, THE CONTRACTOR SHALL CONTACT "CALL BEFORE YOU DIG" 72 HOURS BEFORE COMMENCEMENT OF WORK AT "811" AND VERIFY ALL UTILITY AND STORM DRAINAGE SYSTEM LOCATIONS.
- NO CONSTRUCTION OR DEMOLITION SHALL BEGIN UNTIL APPROVAL OF THE FINAL PLANS AND PERMITS ARE GRANTED BY ALL GOVERNING AND REGULATORY AGENCIES.

SITE PLAN NOTES

- THE SURVEY WAS PROVIDED BY MARTIN SURVEYING ASSOCIATES, LLC DATED AUGUST 13, 2025.
- THE CONTRACTOR SHALL FOLLOW THE RECOMMENDED SEQUENCE OF CONSTRUCTION NOTES PROVIDED ON THE EROSION CONTROL PLAN OR SUBMIT AN ALTERNATE PLAN FOR APPROVAL BY THE ENGINEER AND/OR PERMITTING AGENCIES PRIOR TO THE START CONSTRUCTION. ALLOW A MINIMUM OF 14 WORKING DAYS FOR REVIEW.
- PROPER CONSTRUCTION PROCEDURES SHALL BE FOLLOWED ON ALL IMPROVEMENTS WITHIN THIS PARCEL SO AS TO PREVENT THE SILTING OF ANY WATERCOURSE OR BVWS IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS. IN ADDITION, THE CONTRACTOR SHALL ADHERE TO THE "SEDIMENTATION EROSION CONTROL PLAN" CONTAINED HEREIN. THE CONTRACTOR SHALL BE RESPONSIBLE TO POST ALL BONDS AS REQUIRED BY GOVERNMENT AGENCIES WHICH WOULD GUARANTEE THE PROPER IMPLEMENTATION OF THE PLAN.
- ALL SITE WORK, MATERIALS OF CONSTRUCTION, AND CONSTRUCTION METHODS FOR EARTHWORK AND STORM DRAINAGE WORK, SHALL CONFORM TO THE SPECIFICATIONS AND DETAILS AND APPLICABLE SECTIONS OF THE PROJECT SPECIFICATIONS MANUAL. OTHERWISE THIS WORK SHALL CONFORM TO THE STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION AND PROJECT GEOTECHNICAL REPORT IF THERE IS NO PROJECT SPECIFICATIONS MANUAL. ALL FILL MATERIAL UNDER STRUCTURES AND PAVED AREAS SHALL BE PER THE ABOVE STATED APPLICABLE SPECIFICATIONS, AND/OR PROJECT GEOTECHNICAL REPORT, AND SHALL BE PLACED IN ACCORDANCE WITH THE APPLICABLE SPECIFICATIONS UNDER THE SUPERVISION OF A QUALIFIED PROFESSIONAL ENGINEER. MATERIAL SHALL BE COMPACTED IN 8" LIFTS TO 95% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D 1557 AT 95% PERCENT OF OPTIMUM MOISTURE CONTENT.
- ALL DISTURBANCE INCURRED TO PUBLIC, MUNICIPAL, COUNTY, STATE PROPERTY DUE TO CONSTRUCTION SHALL BE RESTORED TO ITS PREVIOUS CONDITION OR BETTER, TO THE SATISFACTION OF THE TOWN OF GUILFORD AND STATE OF CONNECTICUT.
- IF IMPACTED OR CONTAMINATED SOIL IS ENCOUNTERED BY THE CONTRACTOR, THE CONTRACTOR SHALL SUSPEND EXCAVATION WORK OF IMPACTED SOIL AND NOTIFY THE PROJECT DEVELOPER AND/OR PROJECT DEVELOPERS ENVIRONMENTAL CONSULTANT PRIOR TO PROCEEDING WITH FURTHER WORK IN THE IMPACTED SOIL LOCATION UNTIL FURTHER INSTRUCTED BY THE PROJECT DEVELOPER AND/OR PROJECT DEVELOPERS ENVIRONMENTAL CONSULTANT.

CONSTRUCTION SEQUENCE NOTES

CONSTRUCTION ACTIVITIES ARE EXPECTED TO TAKE UP TO SIX MONTHS.

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.
 - 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.
 - PRIOR TO CONSTRUCTION, THE APPLICANT SHALL PROVIDE THE TOWN OF GUILFORD WITH THE NAME OF CONTACT AND 24-HOUR CONTACT INFORMATION.
 - CONTRACTOR SHALL ADHERE TO 2024 CONNECTICUT GUIDELINES FOR EROSION AND SEDIMENT CONTROL, AS AMENDED.
 - THE CONTRACTOR SHALL HOLD PRE-CONSTRUCTION MEETING(S). ATTENDEES SHALL INCLUDE, BUT NOT BE LIMITED TO, REPRESENTATIVES OF THE GENERAL CONTRACTOR, SITE CONTRACTOR, TOWN OF GUILFORD, 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 GUILFORD 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 7:00 AM AND 5:00 PM MONDAY THROUGH FRIDAY. IF ANY VARIATION FROM THIS SCHEDULE IS TEMPORARILY REQUIRED, THE PROJECT TEAM SHALL PROVIDE NOTICE TO CONNECTICUT SITING COUNCIL.
 - HIGH FLOTATION TIRE EQUIPMENT SHALL BE USED TO THE MAXIMUM EXTENTS PRACTICABLE IN LIEU OF TRACK CONSTRUCTION EQUIPMENT IN AN EFFORT TO AVOID COMPACTION OF THE NATIVE SOILS.
- PRE-CONSTRUCTION SITE PROTECTION SEQUENCE
- SURVEY AND MARK ALL TREES TO BE REMOVED.
 - PROPOSED ACCESS ROAD SHALL BE DESIGNATED AS EARLY AS FEASIBLE AND USED PRIMARILY FOR CONSTRUCTION TRAFFIC.
 - FIELD SURVEY AND MARK PROJECT LIMITS.
 - 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.
 - CLEAR AND GRUB VEGETATION PER SITE PLANS.
 - THE USE OF A TUB GRINDER IS RECOMMENDED FOR THE MULCHING OF FELLED TREES IF CHIPPED ON SITE. MULCH SHALL NOT BE CAST WIDESPREAD ACROSS SITE AS IT WILL INHIBIT VEGETATIVE GROWTH.
 - PERFORM EARTHWORK AND SHAPING ON THE SITE. 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 CAN BE HAULED OFF-SITE.
 - TOPSOIL SHALL BE REPLACED OVER REGRADED AREAS UPON COMPLETION OF EARTHWORK ACTIVITIES AND AREAS WHICH WERE DISTURBED BY EARTHWORK OPERATIONS SHALL BE RESEEDDED WITHIN 72 HOURS OF COMPLETION.

CONSTRUCTION SEQUENCE

- INSTALL STABILIZED GRAVEL ACCESS.
- GRADE THE SITE PER THE APPROVED PLAN.
- INSTALL CONCRETE EQUIPMENT PADS.
- INSTALL ELECTRICAL COMPONENTS AND INTERCONNECTION.
- INSTALL GRAVEL TOP COURSE ON INTERIOR OF FENCE
- INSTALL SITE FENCING AND SOUND WALL.
- RESEED, PAVE, AND/OR REPLANT ANY AREAS DISTURBED BY CONSTRUCTION.
- AFTER SITE IS STABILIZED, AND AFTER INSPECTION BY DESIGN ENGINEER, OR OTHER OWNERS REPRESENTATIVE, REMOVE TEMPORARY EROSION AND SEDIMENT CONTROLS. ENTIRE SITE SHALL BE CHECKED FOR AND CLEANED OF SEDIMENT AND DEBRIS AS NEEDED

UTILITY NOTES

- CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE TOWN OF GUILFORD TO SECURE CONSTRUCTION PERMITS AND FOR PAYMENT OF FEES FOR STREET CUTS AND CONNECTIONS TO EXISTING UTILITIES.
- REFER TO DRAWINGS BY PROJECT DEVELOPER FOR THE ONSITE ELECTRICAL DRAWINGS AND INTERCONNECTION TO EXISTING ELECTRICAL GRID. SITE CONTRACTOR SHALL SUPPLY AND INSTALL PIPE ADAPTERS AS NECESSARY AT BUILDING CONNECTION POINT OR AT EXISTING UTILITY OR PIPE CONNECTION POINT. THESE DETAILS ARE NOT INCLUDED IN THESE PLANS.
- UTILITY LOCATIONS AND PENETRATIONS ARE SHOWN FOR THE CONTRACTORS INFORMATION AND SHALL BE VERIFIED WITH THE ELECTRICAL ENGINEER AND THE PROJECT DEVELOPERS CONSTRUCTION MANAGER PRIOR TO THE START OF CONSTRUCTION.
- THE CONTRACTOR SHALL VISIT THE SITE AND VERIFY THE ELEVATION AND LOCATION OF ALL UTILITIES BY VARIOUS MEANS PRIOR TO BEGINNING ANY EXCAVATION. TEST PITS SHALL BE DUG AT ALL LOCATIONS WHERE PROP. SANITARY SEWERS AND WHERE PROP. STORM PIPING WILL CROSS EXISTING UTILITIES, AND THE HORIZONTAL AND VERTICAL LOCATIONS OF THE UTILITIES SHALL BE DETERMINED. THE CONTRACTOR SHALL CONTACT THE PROJECT DEVELOPER IN THE EVENT OF ANY DISCOVERED OR UNFORESEEN CONFLICTS BETWEEN EXISTING AND PROPOSED SANITARY SEWERS, STORM PIPING AND UTILITIES SO THAT AN APPROPRIATE MODIFICATION MAY BE MADE.
- UTILITY CONNECTION DESIGN AS REFLECTED ON THE PLAN MAY CHANGE SUBJECT TO UTILITY PROVIDER AND GOVERNING AUTHORITY STAFF REVIEW.
- THE CONTRACTOR SHALL ENSURE THAT ALL UTILITY PROVIDERS AND GOVERNING AUTHORITY STANDARDS FOR MATERIALS AND CONSTRUCTION METHODS ARE MET. THE CONTRACTOR SHALL PERFORM PROPER COORDINATION WITH THE RESPECTIVE UTILITY PROVIDER.
- THE CONTRACTOR SHALL ARRANGE FOR AND COORDINATE WITH THE RESPECTIVE UTILITY PROVIDERS FOR SERVICE INSTALLATIONS AND CONNECTIONS. THE CONTRACTOR SHALL COORDINATE WORK TO BE PERFORMED BY THE VARIOUS UTILITY PROVIDERS AND SHALL PAY ALL FEES FOR CONNECTIONS, DISCONNECTIONS, RELOCATIONS, INSPECTIONS, AND DEMOLITION UNLESS OTHERWISE STATED IN THE PROJECT SPECIFICATIONS MANUAL AND/OR GENERAL CONDITIONS OF THE CONTRACT.
- ALL EXISTING PAVEMENT WHERE UTILITY PIPING IS TO BE INSTALLED SHALL BE SAW CUT. AFTER UTILITY INSTALLATION IS COMPLETED, THE CONTRACTOR SHALL INSTALL TEMPORARY AND/OR PERMANENT PAVEMENT REPAIR AS DETAILED ON THE DRAWINGS OR AS REQUIRED BY THE TOWN OF GUILFORD.
- ALL PIPES SHALL BE LAID ON STRAIGHT ALIGNMENTS AND EVEN GRADES USING A PIPE LASER OR OTHER ACCURATE METHOD.
- RELOCATION OF UTILITY PROVIDER FACILITIES, SUCH AS POLES, SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE UTILITY PROVIDER.
- THE CONTRACTOR SHALL COMPACT PIPE BACKFILL IN 8" LIFTS ACCORDING TO THE PIPE BEDDING DETAILS. TRENCH BOTTOM SHALL BE STABLE IN HIGH GROUNDWATER AREAS. A PIPE FOUNDATION SHALL BE USED PER THE TRENCH DETAILS AND IN AREAS OF ROCK EXCAVATION.
- CONTRACTOR TO PROVIDE STEEL SLEEVES AND ANNULAR SPACE SAND FILL FOR UTILITY PIPE AND CONDUIT CONNECTIONS UNDER FOOTINGS.
- ALL UTILITY CONSTRUCTION IS SUBJECT TO INSPECTION FOR APPROVAL PRIOR TO BACKFILLING, IN ACCORDANCE WITH THE APPROPRIATE UTILITY PROVIDER REQUIREMENTS.
- A ONE-FOOT MINIMUM VERTICAL CLEARANCE BETWEEN WATER, GAS, ELECTRICAL, AND TELEPHONE LINES AND STORM PIPING SHALL BE PROVIDED. A SIX-INCH MINIMUM CLEARANCE SHALL BE MAINTAINED BETWEEN STORM PIPING AND SANITARY SEWER. A 6-INCH TO 18-INCH VERTICAL CLEARANCE BETWEEN SANITARY SEWER PIPING AND STORM PIPING SHALL REQUIRE CONCRETE ENCASEMENT OF THE SANITARY PIPING.
- THE CONTRACTOR SHALL RESTORE ANY UTILITY STRUCTURE, PIPE, CONDUIT, PAVEMENT, CURBING, SIDEWALKS, DRAINAGE STRUCTURE, SWALE OR LANDSCAPED AREAS DISTURBED DURING CONSTRUCTION, TO THEIR ORIGINAL CONDITION OR BETTER TO THE SATISFACTION OF THE PROJECT DEVELOPER AND TOWN OF GUILFORD.
- INFORMATION ON EXISTING UTILITIES AND STORM DRAINAGE HAS BEEN COMPILED FROM AVAILABLE INFORMATION INCLUDING UTILITY PROVIDER AND MUNICIAPAL RECORD MAPS AND/OR FIELD SURVEY, AND IS NOT GUARANTEED CORRECT OR COMPLETE. UTILITIES AND STORM DRAINAGE ARE SHOWN TO ALERT THE CONTRACTOR TO THEIR PRESENCE. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR DETERMINING ACTUAL LOCATIONS AND ELEVATIONS OF ALL UTILITIES AND STORM DRAINAGE INCLUDING SERVICES. CONTACT "CALL BEFORE YOU DIG" AT 811 72 HOURS PRIOR TO CONSTRUCTION AND VERIFY ALL UNDERGROUND AND OVERHEAD UTILITY AND STORM DRAINAGE LOCATIONS. THE CONTRACTOR SHALL EMPLOY THE USE OF A UTILITY LOCATING COMPANY TO PROVIDE SUBSURFACE UTILITY ENGINEERING CONSISTING OF DESIGNATING UTILITIES AND STORM PIPING ON PRIVATE PROPERTY WITHIN THE CONTRACT LIMIT AND CONSISTING OF DESIGNATING AND LOCATING WHERE PROP. UTILITIES AND STORM PIPING CROSS EXISTING UTILITIES AND STORM PIPING WITHIN THE CONTRACT LIMITS.
- THE CONTRACTOR SHALL ARRANGE AND COORDINATE WITH UTILITY PROVIDERS FOR WORK TO BE PERFORMED BY UTILITY PROVIDERS. THE CONTRACTOR SHALL PAY ALL UTILITY FEES UNLESS OTHERWISE STATED IN THE PROJECT SPECIFICATION MANUAL AND GENERAL CONDITIONS, AND REPAIR PAVEMENTS AS NECESSARY.
- ELECTRIC DRAWINGS AND REQUIREMENTS ARE NOT INCLUDED AS PART OF THIS DRAWING SET AND SHOULD BE OBTAINED FROM THE PROJECT DEVELOPER.
- ALTERNATIVE METHODS AND PRODUCTS OTHER THAN THOSE SPECIFIED MAY BE USED IF REVIEWED AND APPROVED BY THE PROJECT DEVELOPER, ENGINEER, AND APPROPRIATE REGULATORY AGENCIES PRIOR TO INSTALLATION.
- THE CONTRACTOR SHALL MAINTAIN ALL FLOWS AND UTILITY CONNECTIONS TO EXISTING BUILDINGS WITHOUT INTERRUPTION UNLESS/UNTIL AUTHORIZED TO DISCONNECT BY THE PROJECT DEVELOPER, TOWN OF GUILFORD, UTILITY PROVIDERS AND GOVERNING AUTHORITIES.

GENERAL LEGEND

	EXISTING	PROPOSED
PROPERTY LINE	_____ - - - _____	
BUILDING SETBACK	- - _ - - _ - - _ - - _ -	
EASEMENT	_____ - - - - - _____	
TREE LINE	- ^ - ^ - ^ - ^ - ^ - ^ -	~~~~~
WETLAND	_____ v _____ v _____ v	
WETLAND NOISE BARIER	=====	
WETLAND BUFFER	- - - - - - - - - - - - - -	
VERNAL POOL	=====	
VERNAL POOL BUFFER	_____ . . . _____ . . . _____	
WATERCOURSE	_____ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ _____	
WATERCOURSE BUFFER	- - _ - - _ - - _ - - _ -	
MAJOR CONTOUR	_____ - - - - - _____	=====
MINOR CONTOUR	- - - - - - - - - - - - - -	- - - - - - - - - - - - - -
UNDERGROUND ELECTRIC		_____ E _____ E _____
OVERHEAD ELECTRIC		_____ OH _____ OH _____
BASIN		- - . . _ - - . . _ - - . . _ - -
SWALE		_____ > _____ > _____
FENCE		_____ X _____ X _____ X _____
LIMIT OF DISTURBANCE		_____ LOD _____ LOD _____
FILTER SOCK		_____ FS _____ FS _____
SILT FENCE		_____ SF _____ SF _____
LEASE LINE		_____ _____ _____



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APT FILING NUMBER: CT801100

	DRAWN BY:JKA/ELZ
DATE: 12/02/25	CHECKED BY: TEL

SHEET TITLE:

GENERAL NOTES
& LEGEND

SHEET NUMBER:

GN-1

EROSION CONTROL NOTES

EROSION AND SEDIMENT CONTROL PLAN NOTES

1.

THE CONTRACTOR SHALL CONSTRUCT ALL SEDIMENT AND EROSION CONTROLS IN ACCORDANCE WITH THE 2024 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL, LATEST EDITION, IN ACCORDANCE WITH THE CONTRACT DOCUMENTS, AND AS DIRECTED BY THE TOWN OF GUILFORD, PERMITTEE, AND/OR SWPCP MONITOR. ALL PERIMETER SEDIMENTATION AND EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE START OF CLEARING AND GRUBBING AND DEMOLITION OPERATIONS.
2.

THESE DRAWINGS ARE ONLY INTENDED TO DESCRIBE THE SEDIMENT AND EROSION CONTROL MEASURES FOR THIS SITE. SEE CONSTRUCTION SEQUENCE FOR ADDITIONAL INFORMATION. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THE EROSION & SEDIMENT CONTROL PLAN ARE SHOWN AS REQUIRED BY THE ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL EROSION CONTROL MEASURES ARE CONFIGURED AND CONSTRUCTED IN A MANNER THAT WILL MINIMIZE EROSION OF SOILS AND PREVENT THE TRANSPORT OF SEDIMENTS AND OTHER POLLUTANTS TO STORM DRAINAGE SYSTEMS AND/OR WATERCOURSES. ACTUAL SITE CONDITIONS OR SEASONAL AND CLIMATIC CONDITIONS MAY WARRANT ADDITIONAL CONTROLS OR CONFIGURATIONS, AS REQUIRED, AND AS DIRECTED BY THE PERMITTEE AND/OR SWPCP MONITOR. REFER TO SITE PLAN FOR GENERAL INFORMATION AND OTHER CONTRACT PLANS FOR APPROPRIATE INFORMATION.
3.

A BOND OR LETTER OF CREDIT MAY BE REQUIRED TO BE POSTED WITH THE GOVERNING AUTHORITY FOR THE EROSION CONTROL INSTALLATION AND MAINTENANCE.
4.

THE CONTRACTOR SHALL APPLY THE MINIMUM EROSION & SEDIMENT CONTROL MEASURES SHOWN ON THE PLAN IN CONJUNCTION WITH CONSTRUCTION SEQUENCING, SUCH THAT ALL ACTIVE WORK ZONES ARE PROTECTED. ADDITIONAL AND/OR ALTERNATIVE SEDIMENT AND EROSION CONTROL MEASURES MAY BE INSTALLED DURING THE CONSTRUCTION PERIOD IF FOUND NECESSARY BY THE CONTRACTOR, OWNER, SITE ENGINEER, MUNICIPAL OFFICIALS, OR ANY GOVERNING AGENCY. THE CONTRACTOR SHALL CONTACT THE OWNER AND APPROPRIATE GOVERNING AGENCIES FOR APPROVAL IF ALTERNATIVE CONTROLS OTHER THAN THOSE SHOWN ON THE PLANS ARE PROPOSED BY THE CONTRACTOR.
5.

THE CONTRACTOR SHALL TAKE EXTREME CARE DURING CONSTRUCTION SO AS NOT TO DISTURB UNPROTECTED WETLAND AREAS OR INSTALLED SEDIMENTATION AND EROSION CONTROL MEASURES. THE CONTRACTOR SHALL INSPECT ALL SEDIMENT AND EROSION CONTROLS WEEKLY AND WITHIN 24 HOURS OF A STORM WITH A RAINFALL AMOUNT OF 0.25 INCHES OR GREATER TO VERIFY THAT THE CONTROLS ARE OPERATING PROPERLY AND MAKE REPAIRS AS NECESSARY IN A TIMELY MANOR.
6.

THE CONTRACTOR SHALL KEEP A SUPPLY OF EROSION CONTROL MATERIAL (SILT FENCE, COMPOST FILTER SOCK, EROSION CONTROL BLANKET, ETC.) ON-SITE FOR PERIODIC MAINTENANCE AND EMERGENCY REPAIRS.
7.

ALL FILL MATERIAL PLACED ADJACENT TO ANY WETLAND AREA SHALL BE GOOD QUALITY, WITH LESS THAN 5% FINES PASSING THROUGH A #200 SIEVE (BANK RUN), SHALL BE PLACED IN MAXIMUM ONE FOOT LIFTS, AND SHALL BE COMPACTED TO 95% MAX. DRY DENSITY MODIFIED PROCTOR OR AS SPECIFIED IN THE CONTRACT SPECIFICATIONS.
8.

PROTECT EXISTING TREES THAT ARE TO BE SAVED BY FENCING, ORANGE SAFETY FENCE, CONSTRUCTION TAPE, OR EQUIVALENT FENCING/TAPE. ANY LIMB TRIMMING SHOULD BE DONE AFTER CONSULTATION WITH AN ARBORIST AND BEFORE CONSTRUCTION BEGINS IN THAT AREA; FENCING SHALL BE MAINTAINED AND REPAIRED DURING CONSTRUCTION.
9.

CONSTRUCTION ENTRANCES (ANTI-TRACKING PADS) SHALL BE INSTALLED PRIOR TO ANY SITE EXCAVATION OR CONSTRUCTION ACTIVITY AND SHALL BE MAINTAINED THROUGHOUT THE DURATION OF ALL CONSTRUCTION IF REQUIRED. THE LOCATION OF THE TRACKING PADS MAY CHANGE AS VARIOUS PHASES OF CONSTRUCTION ARE COMPLETED. CONTRACTOR SHALL ENSURE THAT ALL VEHICLES EXITING THE SITE ARE PASSING OVER THE ANTI-TRACKING PADS PRIOR TO EXITING.
10.

ALL CONSTRUCTION SHALL BE CONTAINED WITHIN THE LIMIT OF DISTURBANCE, WHICH SHALL BE MARKED WITH SILT FENCE, SAFETY FENCE, HAY BALES, RIBBONS, OR OTHER MEANS PRIOR TO CLEARING. CONSTRUCTION ACTIVITY SHALL REMAIN ON THE UPHILL SIDE OF THE SEDIMENT BARRIER UNLESS WORK IS SPECIFICALLY CALLED FOR ON THE DOWNHILL SIDE OF THE BARRIER.
11.

NO CUT OR FILL SLOPES SHALL EXCEED 2:1 EXCEPT WHERE STABILIZED BY ROCK FACED EMBANKMENTS OR EROSION CONTROL BLANKETS. ALL SLOPES SHALL BE SEEDED AND BANKS WILL BE STABILIZED IMMEDIATELY UPON COMPLETION OF FINAL GRADING UNTIL TURF IS ESTABLISHED.
12.

DIRECT ALL DEWATERING PUMP DISCHARGE TO A SEDIMENT CONTROL DEVICE CONFORMING TO THE GUIDELINES WITHIN THE APPROVED LIMIT OF DISTURBANCE IF REQUIRED. DISCHARGE TO STORM DRAINS OR SURFACE WATERS FROM SEDIMENT CONTROLS SHALL BE CLEAR AND APPROVED BY THE PERMITTEE OR MUNICIPALITY.
13.

THE CONTRACTOR SHALL MAINTAIN A CLEAN CONSTRUCTION SITE AND SHALL NOT ALLOW THE ACCUMULATION OF RUBBISH OR CONSTRUCTION DEBRIS ON THE SITE. PROPER SANITARY DEVICES SHALL BE MAINTAINED ON-SITE AT ALL TIMES AND SECURED APPROPRIATELY. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO AVOID THE SPILLAGE OF FUEL OR OTHER POLLUTANTS ON THE CONSTRUCTION SITE AND SHALL ADHERE TO ALL APPLICABLE POLICIES AND REGULATIONS RELATED TO SPILL PREVENTION AND RESPONSE/CONTAINMENT.
14.

MINIMIZE LAND DISTURBANCES. SEED AND MULCH DISTURBED AREAS WITH TEMPORARY MIX AS SOON AS PRACTICABLE (2 WEEK MAXIMUM UNSTABILIZED PERIOD) USING PERENNIAL RYEGRASS AT 40 LBS PER ACRE. MULCH ALL CUT AND FILL SLOPES AND SWALES WITH LOOSE HAY AT A RATE OF 2 TONS PER ACRE. IF NECESSARY, REPLACE LOOSE HAY ON SLOPES WITH EROSION CONTROL BLANKETS OR JUTE CLOTH. MODERATELY GRADED AREAS, ISLANDS, AND TEMPORARY CONSTRUCTION STAGING AREAS MAY BE HYDROSEEDED WITH TACKIFIER.
15.

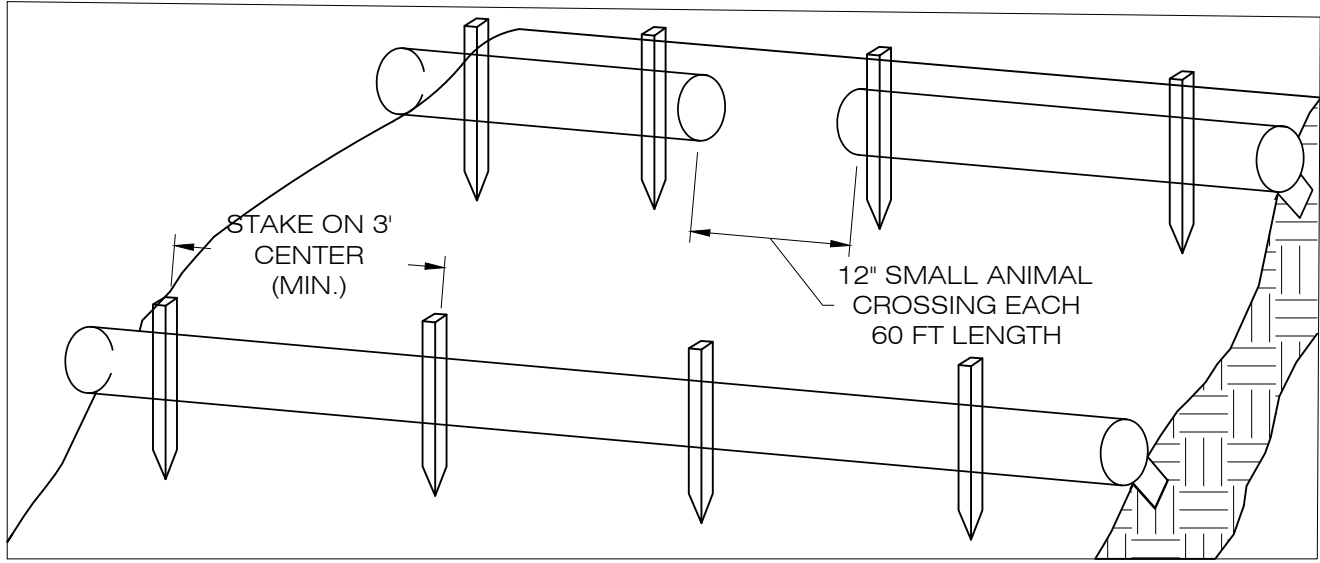
SWEEP AFFECTED PORTIONS OF OFF SITE ROADS ONE OR MORE TIMES A DAY (OR LESS FREQUENTLY IF TRACKING IS NOT A PROBLEM) DURING CONSTRUCTION. FOR DUST CONTROL, PERIODICALLY MOISTEN EXPOSED SOIL SURFACES WITH WATER ON UNPAVED TRAVELWAYS TO KEEP THE TRAVELWAYS DAMP. CALCIUM CHLORIDE MAY ALSO BE APPLIED TO ACCESS ROADS. DUMP TRUCK LOADS EXITING THE SITE SHALL BE COVERED.
16.

VEGETATIVE ESTABLISHMENT SHALL OCCUR ON ALL DISTURBED SOIL, UNLESS THE AREA IS UNDER ACTIVE CONSTRUCTION, IT IS COVERED IN STONE OR SCHEDULED FOR PAVING WITHIN 30 DAYS. TEMPORARY SEEDING OR NON-LIVING SOIL PROTECTION OF ALL EXPOSED SOILS AND SLOPES SHALL BE INITIATED WITHIN THE FIRST 7 DAYS OF SUSPENDING WORK IN AREAS TO BE LEFT LONGER THAN 30 DAYS.
17.

MAINTAIN ALL PERMANENT AND TEMPORARY SEDIMENT CONTROL DEVICES IN EFFECTIVE CONDITION THROUGHOUT THE CONSTRUCTION PERIOD. UPON COMPLETION OF WORK SWEEP CONCRETE PADS, CLEAN THE STORMWATER MANAGEMENT SYSTEMS AND REMOVE ALL TEMPORARY SEDIMENT CONTROLS ONCE THE SITE IS FULLY STABILIZED AND APPROVAL HAS BEEN RECEIVED FROM PERMITTEE OR THE MUNICIPALITY.
18.

THE SITE WAS DESIGNED TO COMPLY WITH FEDERAL, STATE, AND, IF APPLICABLE, LOCAL STANDARDS, PLUS CURRENT ACCEPTED PRACTICES FOR THE INDUSTRY. ADDITIONAL CONTROLS AND ACTIVITIES MAY BE DEEMED NECESSARY BY THE SWPCP MONITOR DURING CONSTRUCTION AS A RESULT OF UNFORESEEN CONDITIONS AND/OR MEANS AND METHODS. SUCH ITEMS MAY INCLUDE, BUT ARE NOT LIMITED TO: ADDITIONAL FOREBAYS, BASINS, OR UPSTREAM STRUCTURAL CONTROLS, THE USE OF FLOCCULANTS OF FLOCK LOGS TO DECREASE SEDIMENT, DISCHARGE MANAGEMENT SUCH AS ADDITIONAL ARMORING AND FILTERING MEASURES (I.E. STRAW BALES, WATTLES, ETC.), AND HYDROSEEDING WITH RAPIDLY GERMINATING SEED.

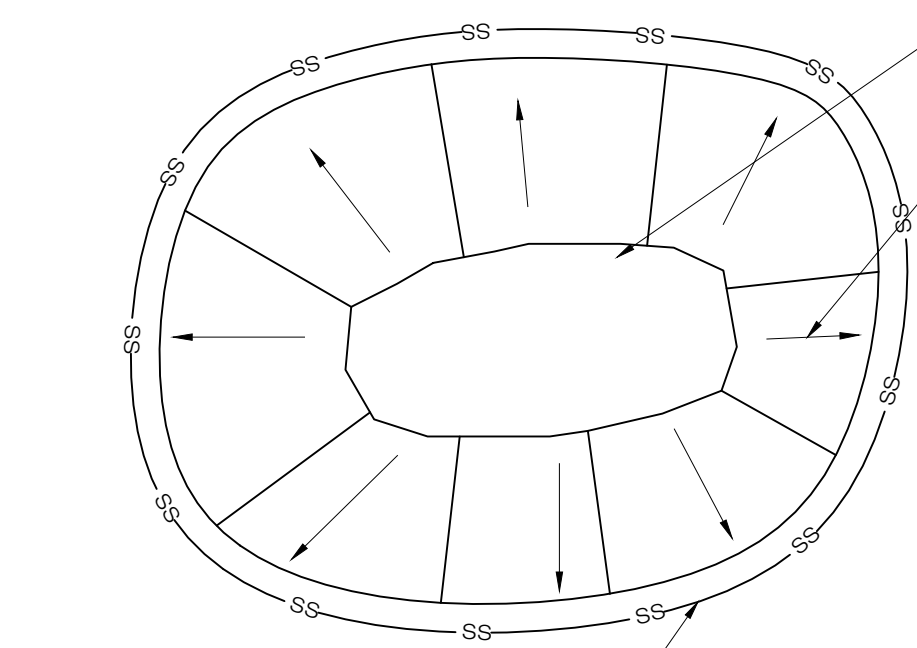
CONSTRUCTION OPERATION AND MAINTENANCE PLAN - BY CONTRACTOR		
E&S MEASURE	INSPECTION SCHEDULE	MAINTENANCE REQUIRED
CONSTRUCTION ENTRANCE	DAILY	PLACE ADDITIONAL STONE, EXTEND THE LENGTH OR REMOVE AND REPLACE THE STONE. CLEAN PAVED SURFACES OF TRACKED SEDIMENT.
COMPOST FILTER SOCK	WEEKLY & WITHIN 24 HOURS OF RAINFALL > 0.25"	REPAIR/REPLACE WHEN FAILURE OR DETERIORATION IS OBSERVED.
SILT FENCE	WEEKLY & WITHIN 24 HOURS OF RAINFALL > 0.25"	REPAIR/REPLACE WHEN FAILURE OR DETERIORATION IS OBSERVED. REMOVE SILT WHEN IT REACHES 1/2 THE HEIGHT OF THE FENCE.
TOPSOIL/BORROW STOCKPILES	DAILY	REPAIR/REPLACE SEDIMENT BARRIERS AS NECESSARY.
TEMPORARY SOIL PROTECTION	WEEKLY & WITHIN 24 HOURS OF RAINFALL > 0.25"	REPAIR ERODED OR BARE AREAS IMMEDIATELY. RESEED AND MULCH.



1. BEGIN AT THE LOCATION WHERE THE SOCK IS TO BE INSTALLED BY EXCAVATING A 2-3' (5-7.5 CM) DEEP X 9" (22.9 CM) WIDE TRENCH ALONG THE CONTOUR OF THE SLOPE. EXCAVATED SOIL SHOULD BE PLACED UP SLOPE FROM THE ANCHOR TRENCH.
2. PLACE THE SOCK IN THE TRENCH SO THAT IT CONTOURS TO THE SOIL SURFACE. COMPACT SOIL FROM THE EXCAVATED TRENCH AGAINST THE SOCK ON THE UPHILL SIDE. SOCKS SHALL BE INSTALLED IN 60 FT CONTINUOUS LENGTHS WITH ADJACENT SOCKS TIGHTLY ABUT. EVERY 60 FT THE SOCK ROW SHALL BE SPACED 12 INCHES CLEAR, END TO END, FOR AMPHIBIAN AND REPTILE TRAVEL. THE OPEN SPACES SHALL BE STAGGERED MID LENGTH OF THE NEXT DOWN GRADIENT SOCK.
3. SECURE THE SOCK WITH 18-24" (45.7-61 CM) STAKES EVERY 3' (0.9 -1.2 M) AND WITH A STAKE ON EACH END. STAKES SHOULD BE DRIVEN THROUGH THE MIDDLE OF THE SOCK LEAVING AT LEAST 2-3" (5-7.5 CM) OF STAKE EXTENDING ABOVE THE SOCK. STAKES SHOULD BE DRIVEN PERPENDICULAR TO THE SLOPE FACE.
4. CONTRACTOR TO FOLLOW MANUFACTURES SPECIFICATIONS AND INSTALL DIRECTIONS IF DIRECTED THAN WHAT IS PROVIDED ABOVE.

COMPOST FILTER SOCK
SEDIMENTATION CONTROL BARRIER

1
GN-2
SCALE : N.T.S.

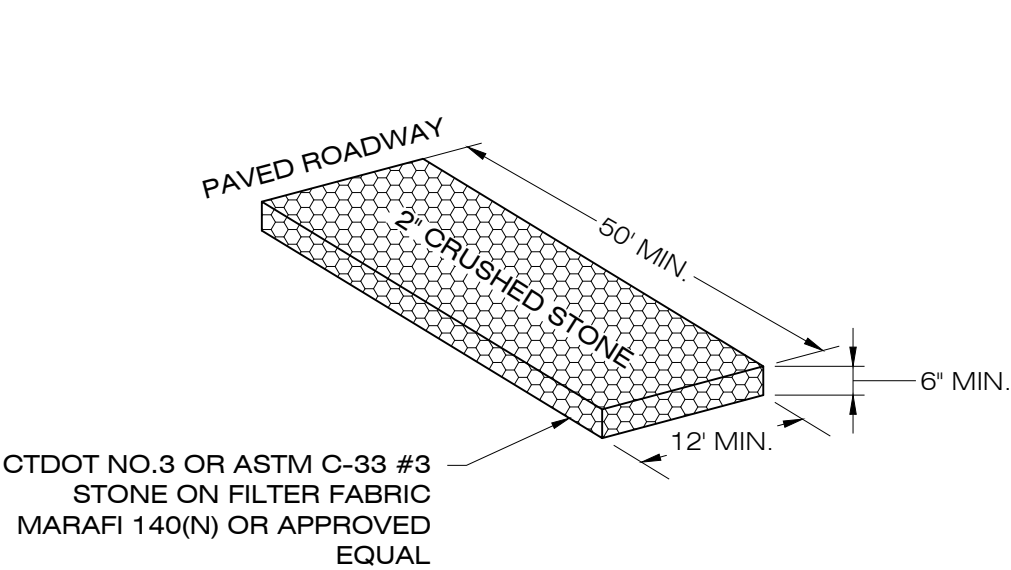


SOIL/AGGREGATE STOCKPILE OF EXISTING SITE MATERIAL TO BE REUSED AND/OR NEW MATERIAL TO BE INSTALLED IN THE WORK
DIRECTION OF RUN-OFF FLOW (TYP.)

NOTES:

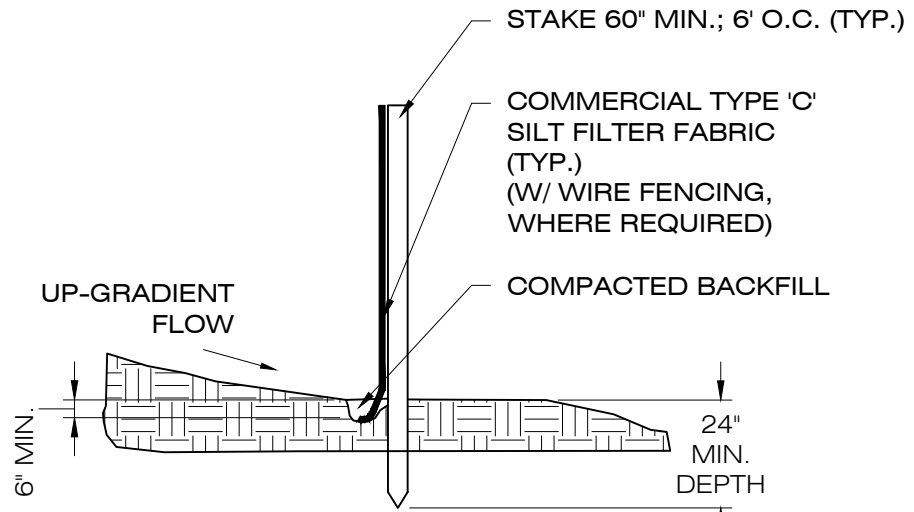
1. ALL EXISTING EXCAVATED MATERIAL THAT IS NOT TO BE REUSED IN THE WORK IS TO BE IMMEDIATELY REMOVED FROM THE SITE AND PROPERLY DISPOSED OF.
2. SOIL/AGGREGATE STOCKPILE SITES TO BE WHERE SHOWN ON THE DRAWINGS.
3. RESTORE STOCKPILE SITES TO PRE-EXISTING PROJECT CONDITION AND RESEED AS REQUIRED.
4. STOCKPILE HEIGHTS MUST NOT EXCEED 35'. STOCKPILE SLOPES MUST BE 2:1 OR FLATTER.

4
GN-2
MATERIALS STOCKPILE DETAIL
SCALE : N.T.S.



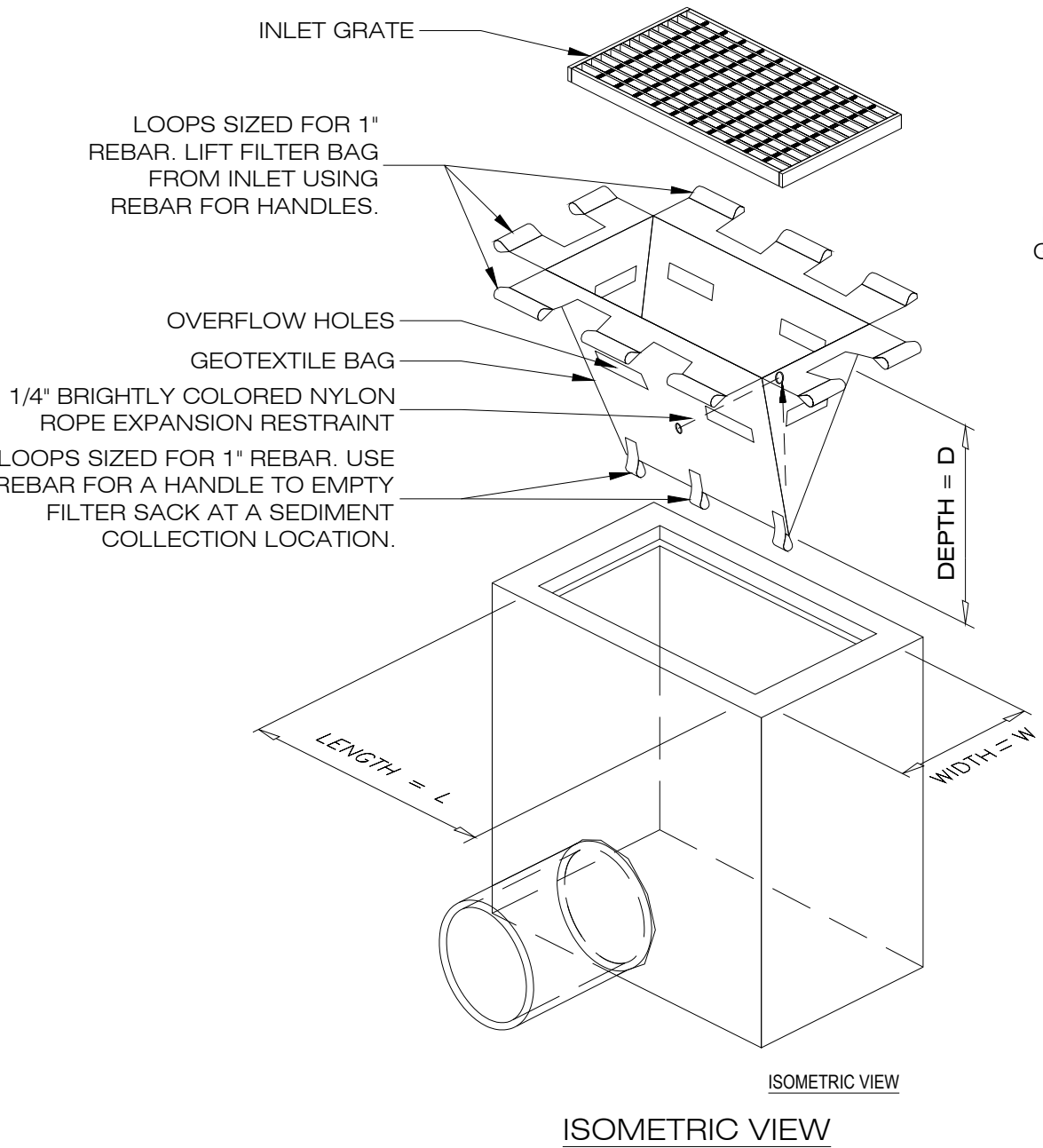
CTDOT NO.3 OR ASTM C-33 #3 STONE ON FILTER FABRIC MARAFI 140(N) OR APPROVED EQUAL

2
GN-2
CONSTRUCTION
ENTRANCE DETAIL
SCALE : N.T.S.



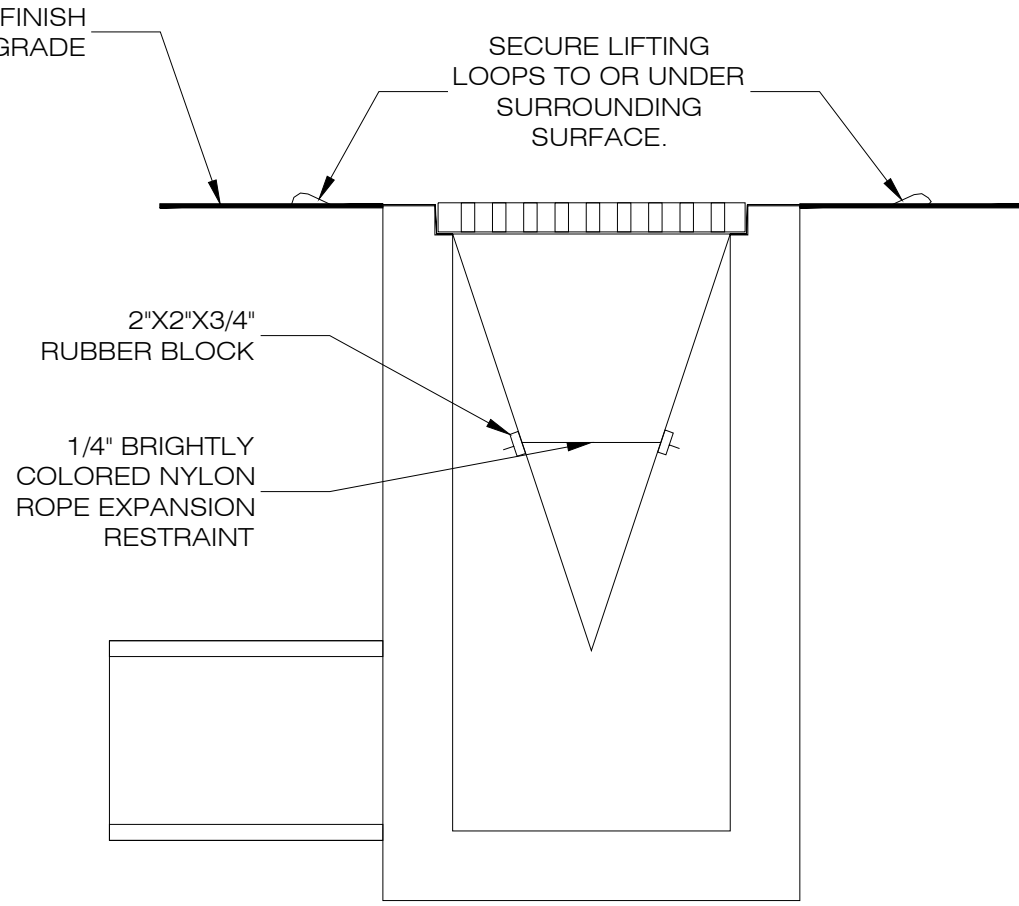
NOTE:
SILT FENCE SHALL BE LAPPED ONLY WHEN NECESSARY PER THE MANUFACTURER RECOMMENDATIONS.

3
GN-2
SILT FENCE DETAIL
SCALE : N.T.S.



ISOMETRIC VIEW

ISOMETRIC VIEW



SECTION VIEW

5
GN-2
INLET PROTECTION
SCALE : N.T.S.



22 SOUTH SMITH STREET
NORWALK, CT 06855



567 VAUXHALL STREET EXTENSION - SUITE 311
WATERFORD, CT 06385 PHONE: (860)-663-1697
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CSC SUBMISSION

NO	DATE	REVISION
1		
2		
3		
4		
5		
6		
7		

DESIGN PROFESSIONALS OF RECORD

PROF: THOMAS E. LITTLE, P.E.
COMP: ALL-POINTS TECHNOLOGY CORPORATION, P.C.
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GUILFORD HIGH SCHOOL BESS

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APT FILING NUMBER: CT801100

	DRAWN BY:JKA/ELZ
DATE: 12/02/25	CHECKED BY: TEL

SHEET TITLE:

EROSION &
SEDIMENT CONTROL
NOTES & DETAILS

SHEET NUMBER:

GN-2

ENVIRONMENTAL NOTES - WATER RESOURCES

WETLANDS AND WATERCOURSES

AN APT REGISTERED SOIL SCIENTIST PERFORMED A DESKTOP REVIEW OF THE PROPERTY AND SURROUNDING AREA AND DID NOT IDENTIFY ANY WETLANDS OR WATERCOURSES. THE CLOSEST WETLAND RESOURCE, ASSOCIATED WITH A FORESTED WETLAND COMPLEX, IS LOCATED ±800 FEET SOUTHEAST OF THE PROJECT AREA ON AN ADJACENT PARCEL. RESIDENTIAL SUBDIVISION DEVELOPMENT AND IMPERVIOUS SURFACES ARE LOCATED BETWEEN THE NEAREST WETLAND FEATURE AND THE PROJECT AREA. THE PROJECT WILL NOT HAVE A LIKELY ADVERSE IMPACT ON DISTANT WETLAND RESOURCES AND WATERCOURSES BASED ON THE SEPARATING DISTANCE AND EXPANSE OF INTERVENING DEVELOPMENT. IN ADDITION, EROSION AND SEDIMENT ("E&S") CONTROLS WILL BE INSTALLED AND MAINTAINED AT THE SITE DURING CONSTRUCTION IN ACCORDANCE WITH THE 2024 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL, LIMITING THE POTENTIAL FOR ANY OFF-SITE IMPACTS.

HABITAT AND WILDLIFE

ONE (1) DISTINCT HABITAT TYPE IS LOCATED ON THE PROPERTY AND CLASSIFIED AS DEVELOPED LAND. THIS HABITAT WAS ASSESSED USING REMOTE SENSING AND PUBLICLY AVAILABLE DATASETS.

HABITAT TYPES

DEVELOPED

DEVELOPED HABITAT ENCOMPASSES THE ENTIRE PROPERTY AND INCLUDES THE GUILFORD HIGH SCHOOL, MULTIPLE PAVED PARKING AREAS, PAVED ACCESS ROADS, CONCRETE SIDEWALKS, ATHLETIC FIELDS AND AREAS OF MAINTAINED LAWN WITH INTERSPERSED ORNAMENTAL TREES FOR LANDSCAPING. THE PROJECT WOULD BE LOCATED WITHIN AN AREA OF MAINTAINED LAWN AND LANDSCAPE TREES ADJACENT TO A PAVED ACCESS ROAD, SIDEWALK AND THE SCHOOL BUILDING. PROJECT DEVELOPMENT WOULD REQUIRE GRADING, CONSTRUCTION OF THE COMPOUND, EQUIPMENT INSTALLATION, PERIMETER FENCING, SOUND WALL CONSTRUCTION, UTILITY INTERCONNECTIONS, AND REMOVAL OF SELECT ORNAMENTAL TREES. THE PROJECT AREA PROVIDES LITTLE FUNCTION FROM A HABITAT PERSPECTIVE DUE TO ROUTINE MAINTENANCE THAT SUPPRESSES VEGETATIVE DIVERSITY AND A HIGH LEVEL OF HUMAN ACTIVITY. EROSION AND SEDIMENT CONTROLS WILL BE INSTALLED AND MAINTAINED AT THE SITE DURING CONSTRUCTION IN ACCORDANCE WITH THE 2024 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL TO PREVENT POTENTIAL SECONDARY IMPACTS TO MAINTAINED LAWN AND LANDSCAPED AREAS LOCATED IN PROXIMITY TO THE PROJECT AREA. AS A RESULT, THE PROJECT IS NOT ANTICIPATED TO ADVERSELY IMPACT EXISTING CONDITIONS.

WILDLIFE

THE PROJECT WILL OCCUR ENTIRELY WITHIN A DEVELOPED HABITAT AND THEREFORE IS NOT ANTICIPATED TO ADVERSELY AFFECT WILDLIFE. THIS HABITAT PROVIDES LIMITED VALUE FOR WILDLIFE UTILIZATION DUE TO THE LACK OF DIVERSE VEGETATIVE COMMUNITIES, ABUNDANCE OF PAVED SURFACES, HIGH LEVEL OF HUMAN ACTIVITY AND SURROUNDING DEVELOPMENT. THE HABITAT SUPPORTS MINIMAL FOOD SOURCES, COVER OR NESTING OPPORTUNITIES AND, CONSIDERING THE HIGH LEVEL OF HUMAN ACTIVITY ON AND ADJACENT TO THE PROPERTY, CONDITIONS ARE GENERALLY UNSUITABLE TO SUPPORT ANY SIGNIFICANT WILDLIFE EXCEPTING FOR THE MOST TOLERANT SPECIES TO DEVELOPMENT. GENERALIST WILDLIFE SPECIES COMMON TO THE REGION THAT ARE TOLERANT OF A HIGH LEVEL OF HUMAN DISTURBANCE AND HABITAT FRAGMENTATION COULD BE EXPECTED TO USE PORTIONS OF THE PROPERTY. DISPLACEMENT OF THESE TOLERANT SPECIES COULD OCCUR DURING CONSTRUCTION, LIKELY MOVING TO NEARBY SIMILAR HABITAT.

POST-CONSTRUCTION, OPERATION OF THE PROJECT SHOULD NOT SUBSTANTIALLY AFFECT WILDLIFE USING THE PROPERTY SINCE CURRENT CONDITIONS LIMIT SUCH USE.

CORE FORESTLAND HABITAT DETERMINATION

APT EVALUATED DEEP'S FORESTLAND HABITAT IMPACT MAPPING, WHICH DOES NOT IDENTIFY CORE FOREST ON THE PROPERTY. THE NEAREST CORE FOREST IS LOCATED ±0.70 MILES TO THE NORTHEAST. THERE IS NO MATURE FOREST LOCATED ON THE PROPERTY.

RARE SPECIES

APT REVIEWED PUBLICLY AVAILABLE INFORMATION TO DETERMINE THE POTENTIAL PRESENCE OF STATE OR FEDERALLY LISTED SPECIES AND CRITICAL HABITAT ON OR PROXIMATE TO THE SITE. THE PROJECT IS NOT ANTICIPATED TO ADVERSELY IMPACT ANY FEDERAL OR STATE-LISTED THREATENED OR ENDANGERED SPECIES OR SPECIES OF SPECIAL CONCERN, AS DISCUSSED BELOW.

USFWS CONSULTATION

CONSULTATION WAS COMPLETED IN ACCORDANCE WITH SECTION 10 OF THE ENDANGERED SPECIES ACT ("ESA") THROUGH THE U.S. FISH AND WILDLIFE SERVICE'S (USFWS") INFORMATION, PLANNING, AND CONSERVATION SYSTEM ("IPAC"). BASED ON THE RESULTS OF THE IPAC REVIEW, ONE FEDERALLY LISTED LISTING UNDER THE FEDERAL ENDANGERED SPECIES ACT ENDANGERED, ONE FEDERALLY PROPOSED ENDANGERED SPECIES AND ONE FEDERALLY LISTED PROPOSED THREATENED SPECIES ARE KNOWN TO OCCUR ON OR IN THE VICINITY OF THE SUBJECT PROPERTY. THEY ARE DOCUMENTED AS THE NORTHERN LONG-EARED BAT ("NLEB"; MYOTIS SEPTENTRIONALIS), TRICOLORED BAT ("TCB"; PERIMYOTIS SUBFLAVUS) AND MONARCH BUTTERFLY (DANAUS PLEXIPPUS), RESPECTIVELY. THE PROJECT WILL REQUIRE LIMITED TREE CLEARING AND TRIMMING; TREES POTENTIALLY PROVIDE TCB AND NLEB HABITAT. AS A RESULT OF THIS FINDING, APT PERFORMED AN EVALUATION TO DETERMINE IF THE PROJECT WOULD RESULT IN A LIKELY ADVERSE EFFECT TO NLEB, TCB AND MONARCH BUTTERFLY.

INITIALLY, APT REVIEWED THE DEEP WILDLIFE DIVISION NATURAL DIVERSITY DATA BASE ("NDDB") NORTHERN LONG-EARED BAT ("NLEB") HABITAT MAP, WHICH REVEALED THAT THE PROJECT IS NOT WITHIN 0.25 MILE OF A KNOWN NLEB HIBERNACULUM (TCB ALSO USE NLEB HIBERNACULUM). THE NEAREST NLEB HABITAT RESOURCE TO THE PROJECT IS LOCATED ±3.7 MILES TO THE NORTHWEST IN NORTH BRANFORD.

APT ALSO SUBMITTED APPLICABLE PROJECT INFORMATION TO THE USFWS'S NLEB/TCB DETERMINATION KEY ("DKEY") WITHIN THE IPAC SYSTEM. BASED UPON THE IPAC SUBMISSION AND A STANDING ANALYSIS COMPLETED BY THE USFWS, THE PROJECT RECEIVED A DETERMINATION OF "MAY AFFECT, NOT LIKELY TO ADVERSELY AFFECT" (NLAA) FOR NLEB AND TCB. A TIME OF YEAR RESTRICTION ("TOYR") FOR TREE CLEARING IS REQUIRED BY FWS AS A CONDITION OF THE NLAA DETERMINATION RESULTING IN TREE CLEARING RESTRICTED TO OCCUR OUTSIDE OF THE ACTIVE NLEB AND TCB PERIODS: APRIL 15TH THROUGH OCTOBER 31. WITH THIS TOYR FOR TREE CLEARING, THE PROJECT WILL NOT ADVERSELY AFFECT TCB AND NO FURTHER CONSULTATION WITH USFWS IS REQUIRED.

USFWS HAS ISSUED A PROPOSED RULE FOR LISTING THE MONARCH BUTTERFLY AS A THREATENED SPECIES WITH PROTECTIVE REGULATIONS UNDER SECTION 4(D) OF THE ESA (A "4(D) RULE"). NO CRITICAL HABITAT IS PROPOSED FOR DESIGNATION IN CONNECTICUT. THE PURPOSE OF THE 4(D) RULE IS INTENDED TO IMPROVE FUTURE CONDITIONS SO THAT THE MONARCH MIGRATORY POPULATIONS STABILIZE AND GROW. MONARCH BUTTERFLY CONSERVATION MEASURES INCLUDE: (1) ACHIEVE A SIGNIFICANT INCREASE IN THE AVAILABILITY OF MILKWEED AND NECTAR PLANTS IN MONARCH BREEDING AND MIGRATORY AREAS; (2) PROTECT AND ENHANCE OVERWINTERING HABITAT; (3) AVOID AND MINIMIZE IMPACTS TO MONARCHS AND THEIR HABITAT FROM INSECTICIDES AND HERBICIDES; AND (4) MAINTAIN PUBLIC SUPPORT FOR THE CONSERVATION OF MONARCH BUTTERFLIES.

THE PROJECT AREA IS MOWED ROUTINELY, WHICH MITIGATES GROWTH OF MILKWEED AND NECTAR PLANT (POLLINATOR) VEGETATION. ADDITIONALLY, THE PROPERTY CONSISTS OF SIMILAR DEVELOPED AREAS THAT FURTHER LIMIT THE POTENTIAL FOR MILKWEED AND NECTAR PLANTS. THE PROJECT WOULD RESULT IN RELATIVELY MINOR, IF ANY IMPACT TO MILKWEED AND NECTAR PLANT POPULATIONS. CONSIDERING THE EXPANSE OF DEVELOPMENT ON THE PROPERTY AND PROXIMITY TO ATHLETIC FIELDS THAT INCLUDE THE APPLICATION OF FERTILIZER AND FIELD MARKING, HABITAT SUPPORTING MONARCH BUTTERFLY IS NOT PRESENT AND THE PROPERTY WOULD NOT BE A SUITABLE CANDIDATE FOR CONSERVATION MEASURES SUCH AS PLANTING MILKWEED OR NECTAR PLANTS. THEREFORE, THE PROJECT IS NOT ANTICIPATED TO RESULT IN A "MAY AFFECT" DETERMINATION ASSOCIATED WITH THE 4(D) RULE, IF OFFICIALLY LISTED.

NATURAL DIVERSITY DATA BASE

APT REVIEWED THE MOST RECENT NDDB MAPPING AND DETERMINED THE PROJECT AREA IS NOT LOCATED WITHIN AN NDDB BUFFER AREA. DEEP NDDB MAPS DEPICT THE NEAREST NDDB BUFFER ±0.43 MILES NORTHEAST OF THE PROPERTY. SINCE THE PROPOSED PROJECT AND PROPERTY ARE NOT LOCATED WITHIN A NDDB BUFFER AREA, CONSULTATION WITH DEEP IS NOT REQUIRED IN ACCORDANCE WITH THEIR REVIEW POLICY.

A FULL REVIEW OF THE ESA COMPLIANCE DETERMINATION, USFWS'S RESPONSE LETTER, AND NDDB MAPPING IS PROVIDED IN APPENDIX X.

¹SOURCE:HTTP://CTDEEP.MAPS.ARCGIS.COM/APPS/WEBAPPVIEWER/INDEX.HTML?ID=7B81844BAB634281B544C20BF2D7BF88

² APT UNDERSTANDS THE FACILITY IS NOT CONSIDERED A FEDERAL ACTION SO SECTION 7 OF THE ESA WOULD NOT APPLY.

³ LISTING UNDER THE FEDERAL ENDANGERED SPECIES ACT

⁴ FWS RANGE-WIDE INDIANA BAT & NORTHERN LONG-EARED BAT SURVEY GUIDELINES. MARCH 2024. APPENDIX L. BAT ACTIVITY PERIODS TABLE FOR IBAT, NLEB, AND TCB.

ENVIRONMENTAL NOTES - RESOURCES PROTECTION MEASURES

BAT PROTECTION PROGRAM

THE PROPOSED FACILITY IS LOCATED WITHIN SENSITIVE HABITAT KNOWN TO BE USED BY NORTHERN LONG-EARED BAT ("NLEB"; MYOTIS SEPTENTRIONALIS), A FEDERALLY- AND STATE-LISTED ENDANGERED SPECIES, AND TRICOLORED BAT ("TCB"; PERIMYOTIS SUBFLAVUS), A FEDERALLY PROPOSED ENDANGERED AND STATE ENDANGERED SPECIES. IN ORDER TO PROTECT THESE BAT SPECIES AND PREVENT INCIDENTAL TAKE, PROTECTION AND CONSERVATION MEASURES ARE PROPOSED DURING CONSTRUCTION AND OPERATION OF THE FACILITY.

IT IS OF THE UTMOST IMPORTANCE THAT THE CONTRACTOR COMPLIES WITH THE REQUIREMENT FOR IMPLEMENTATION OF THESE PROTECTIVE MEASURES AND THE EDUCATION OF ITS EMPLOYEES AND SUBCONTRACTORS PERFORMING WORK ON THE PROJECT SITE.

ALL-POINTS TECHNOLOGY CORPORATION, P.C. ("APT") WILL SERVE AS THE ENVIRONMENTAL MONITOR FOR THIS PROJECT TO ENSURE THAT THESE PROTECTION AND CONSERVATION MEASURES ARE IMPLEMENTED PROPERLY. APT WILL PROVIDE AN EDUCATION SESSION FOR THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION ACTIVITIES ON THE POTENTIAL PRESENCE OF NLEB AND TCB. THE CONTRACTOR SHALL CONTACT DEAN GUSTAFSON, SENIOR BIOLOGIST AT APT, AT LEAST 5 BUSINESS DAYS PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITIES TO SCHEDULE A PRE-CONSTRUCTION MEETING. MR. GUSTAFSON CAN BE REACHED BY PHONE AT (860) 552-2033 OR VIA EMAIL AT DGUSTAFSON@ALLPOINTSTECH.COM.

THIS PROTECTION PROGRAM CONSISTS OF SEVERAL COMPONENTS: EDUCATION OF ALL CONTRACTORS AND SUB-CONTRACTORS PRIOR TO INITIATION OF WORK ON THE SITE; PROTECTIVE AND CONSERVATION MEASURES; PERIODIC INSPECTION OF THE CONSTRUCTION PROJECT; AND, REPORTING. DETAILS OF THE NLEB AND TCB PROTECTION MEASURES TO BE IMPLEMENTED IN ASSOCIATION WITH CONSTRUCTION AND OPERATION OF THE FACILITY ARE PROVIDED BELOW.

1. CONTRACTOR EDUCATION

1.a. PRIOR TO WORK ON SITE, THE CONTRACTOR SHALL ATTEND AN EDUCATIONAL SESSION AT THE PRE-CONSTRUCTION MEETING WITH APT. THIS ORIENTATION AND EDUCATIONAL SESSION WILL CONSIST OF AN INTRODUCTORY MEETING WITH APT TO EMPHASIZE THE ENVIRONMENTALLY SENSITIVE NATURE OF THE PROJECT, THE RARE SPECIES RESOURCES, AND THE REQUIREMENT TO DILIGENTLY FOLLOW THE PROTECTIVE AND CONSERVATION MEASURES AS DESCRIBED IN SECTIONS BELOW.

1.b. THE CONTRACTOR WILL BE PROVIDED WITH CELL PHONE AND EMAIL CONTACTS FOR APT PERSONNEL TO IMMEDIATELY REPORT ANY ENCOUNTERS WITH ANY RARE SPECIES. EDUCATIONAL POSTER MATERIALS WILL BE PROVIDED BY APT AND DISPLAYED ON THE JOB SITE TO MAINTAIN WORKER AWARENESS AS THE PROJECT PROGRESSES.

1.c. IF ANY RARE SPECIES ARE ENCOUNTERED, THE CONTRACTOR SHALL IMMEDIATELY CEASE ALL WORK, AVOID ANY DISTURBANCE TO THE SPECIES, AND CONTACT APT.

2. BAT HABITAT - TREE CLEARING RESTRICTION

2.a. A TIME OF YEAR RESTRICTION ("TOYR") FOR TREE CLEARING RESTRICTS TREE REMOVAL TO OCCUR ONLY BETWEEN NOVEMBER 1ST/ THROUGH APRIL 14TH/, DURING THE BAT'S INACTIVE SEASON, WHEN NLEB AND TCB WOULD LIKELY BE IN HIBERNACULA AND NOT PRESENT IN FORESTED HABITAT ON THE SUBJECT PROPERTY. DO NOT REMOVE TREES BETWEEN APRIL 15TH THROUGH OCTOBER 31ST.

2.b. IF THE PROJECT IS UNABLE TO ADHERE TO THE TOYR FOR TREE CLEARING, AN APT BIOLOGIST CAN SURVEY THE INDIVIDUAL EASTERN WHITE PINE TREES (6) THAT REQUIRE REMOVAL TO DETERMINE IF BATS ARE OCCUPYING THE TREES, SHOULD THE SURVEY DETERMINE THAT THE TREES ARE NOT BEING UTILIZED BY THE LISTED BATS, THEY COULD BE REMOVED DURING THE TOYR.

3. REPORTING

3.a. A COMPLIANCE MONITORING REPORT (BRIEF NARRATIVE AND APPLICABLE PHOTOS) DOCUMENTING APT INSPECTION VERIFYING TOYR FOR TREE REMOVAL WAS ADHERED TO WILL BE SUBMITTED BY APT TO THE PERMITTEE FOR COMPLIANCE VERIFICATION. IF A BAT SURVEY IS PERFORMED TO REMOVE THE TOYR, THE DETAILS OF THAT SURVEY WILL BE DOCUMENTED IN A COMPLIANCE MONITORING REPORT. ANY OBSERVATIONS OF BATS WILL BE INCLUDED IN THE REPORTS.

3.b. FOLLOWING COMPLETION OF THE CONSTRUCTION PROJECT, APT WILL PROVIDE A FINAL COMPLIANCE MONITORING REPORT TO THE PERMITTEE DOCUMENTING IMPLEMENTATION OF THIS NLEB AND TCB PROTECTION AND ANY SPECIES OBSERVATIONS. THE PERMITTEE SHALL PROVIDE A COPY OF THE FINAL COMPLIANCE MONITORING REPORT TO THE CONNECTICUT SITING COUNCIL FOR COMPLIANCE VERIFICATION.

3.c. ANY OBSERVATIONS OF RARE SPECIES WILL BE REPORTED TO DEEP BY APT ON THE APPROPRIATE SPECIAL ANIMAL REPORTING FORM, WITH PHOTO-DOCUMENTATION (IF POSSIBLE) AND SPECIFIC INFORMATION ON THE LOCATION AND DISPOSITION OF THE ANIMAL.



22 SOUTH SMITH STREET
NORWALK, CT 06855



567 VAUXHALL STREET EXTENSION - SUITE 311
WATERFORD, CT 06385 PHONE: (860)-663-1697
WWW.ALLPOINTSTECH.COM FAX: (860)-663-0935

CSC SUBMISSION

NO	DATE	REVISION
1		
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DESIGN PROFESSIONALS OF RECORD

PROF: THOMAS E. LITTLE, P.E.
COMP: ALL-POINTS TECHNOLOGY CORPORATION, P.C.
ADD: 567 VAUXHALL STREET
EXTENSION - SUITE 311
WATERFORD, CT 06385

OWNER: TOWN OF GUILFORD
(C/O HIGH SCHOOL)
ADDRESS: 605 NEW ENGLAND ROAD
GUILFORD, CT 06437

GUILFORD HIGH SCHOOL BESS

SITE ADDRESS:
605 NEW ENGLAND ROAD
GUILFORD, CT 06437

APT FILING NUMBER: CT801100

	DRAWN BY:JKA/ELZ
DATE: 12/02/25	CHECKED BY:TEL

SHEET TITLE:

ENVIRONMENTAL
NOTES

SHEET NUMBER:

GN-3



22 SOUTH SMITH STREET
NORWALK, CT 06855



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APT FILING NUMBER: CT801100

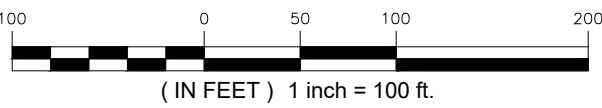
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DATE: 12/02/25	CHECKED BY: TEL

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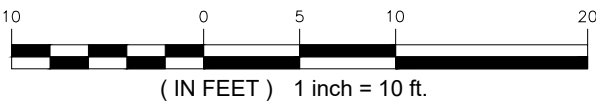
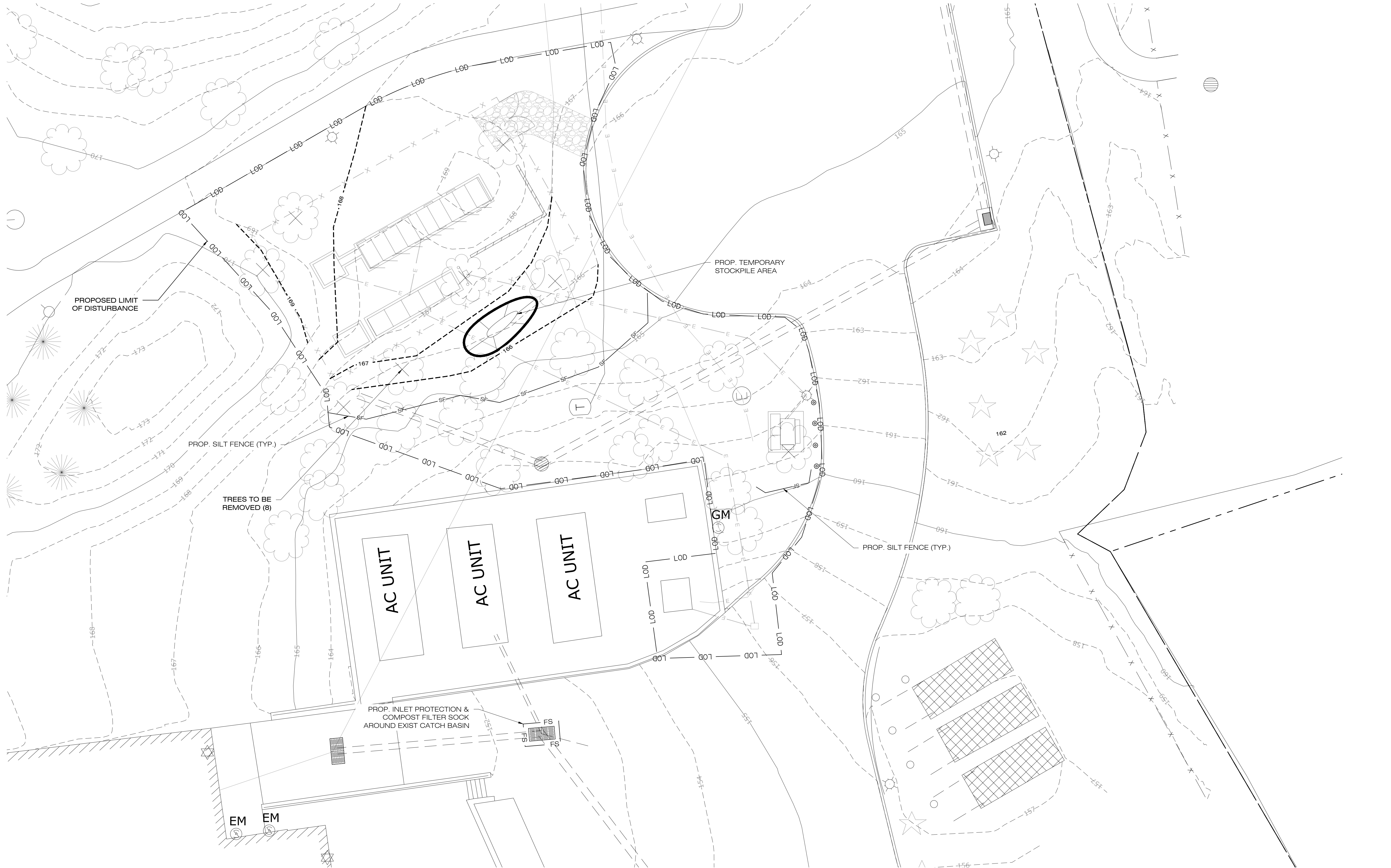
OVERALL LOCUS PLAN

SHEET NUMBER:

OP-1



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GUILFORD HIGH SCHOOL BESS

SITE ADDRESS:
605 NEW ENGLAND ROAD GUILFORD, CT 06437

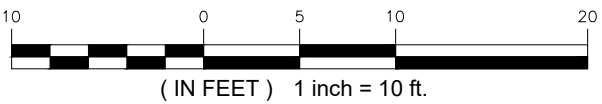
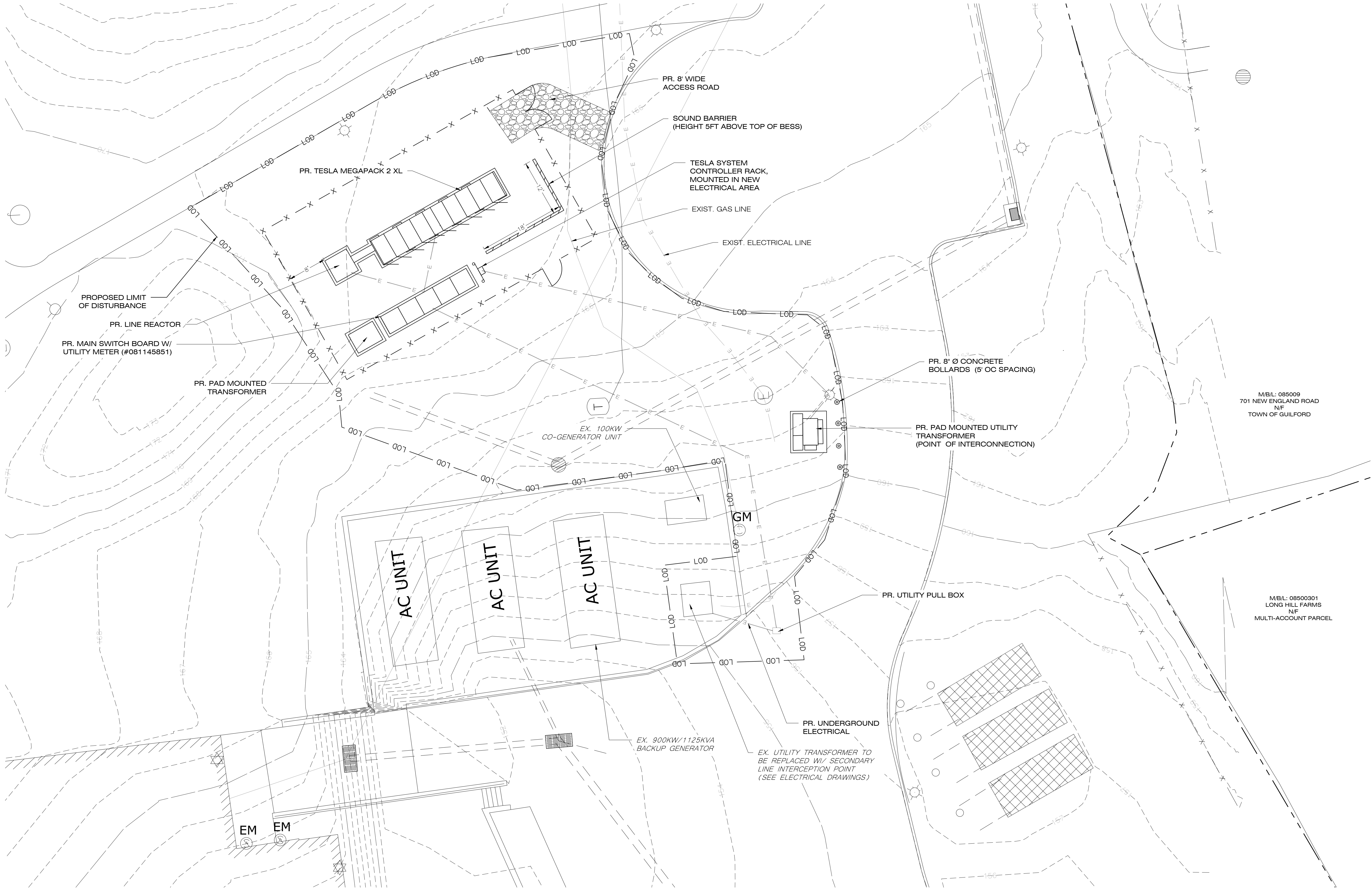
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SHEET TITLE:
GRADING AND EROSION & SEDIMENT CONTROL PLAN

SHEET NUMBER:

ES-1



22 SOUTH SMITH STREET
NORWALK, CT 06855



567 VAUXHALL STREET EXTENSION - SUITE 311
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COMP: ALL-POINTS TECHNOLOGY CORPORATION, P.C.
ADD: 567 VAUXHALL STREET
EXTENSION - SUITE 311
WATERFORD, CT 06385

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GUILFORD HIGH SCHOOL BESS

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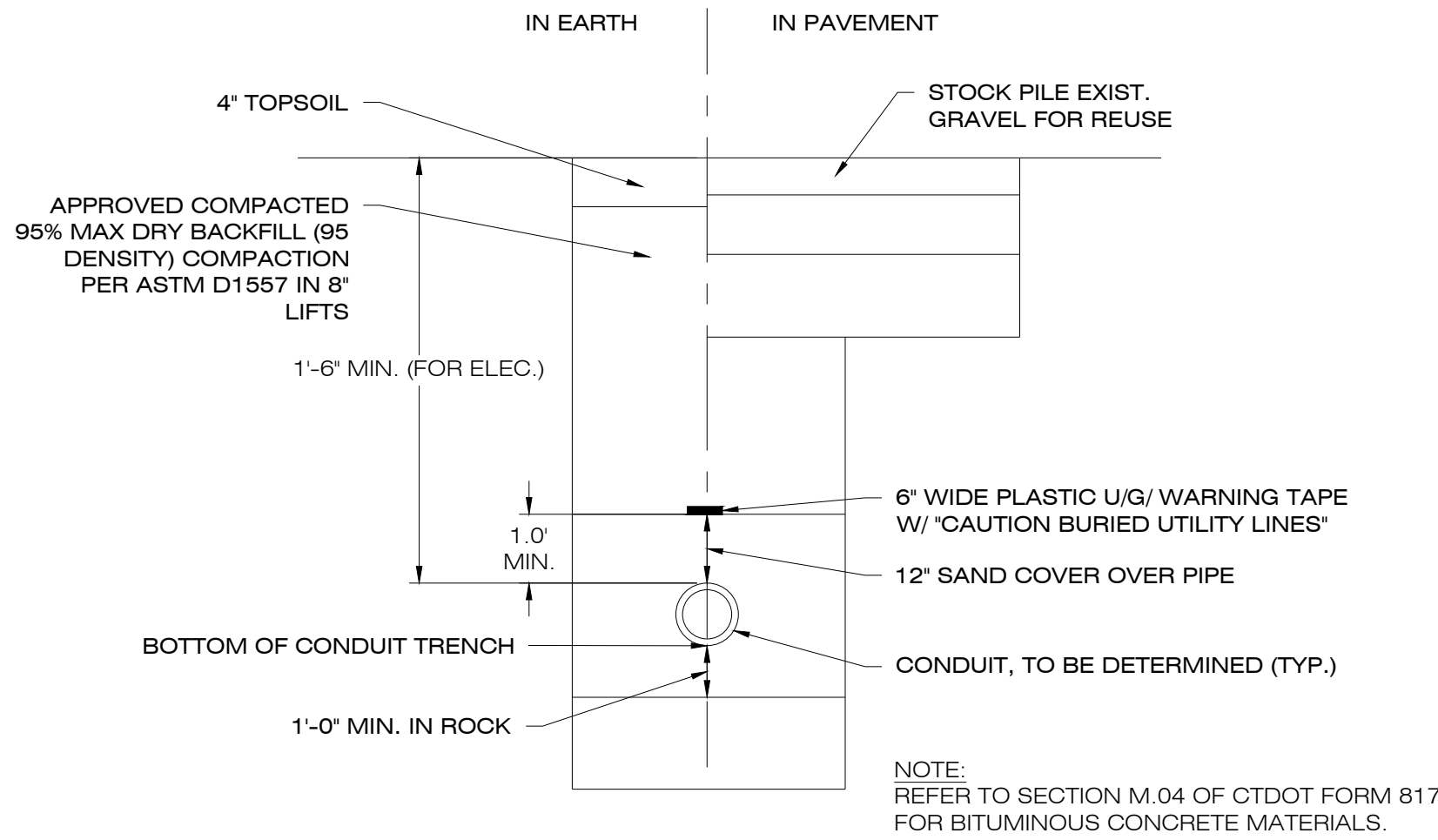
SITE & UTILITY PLAN

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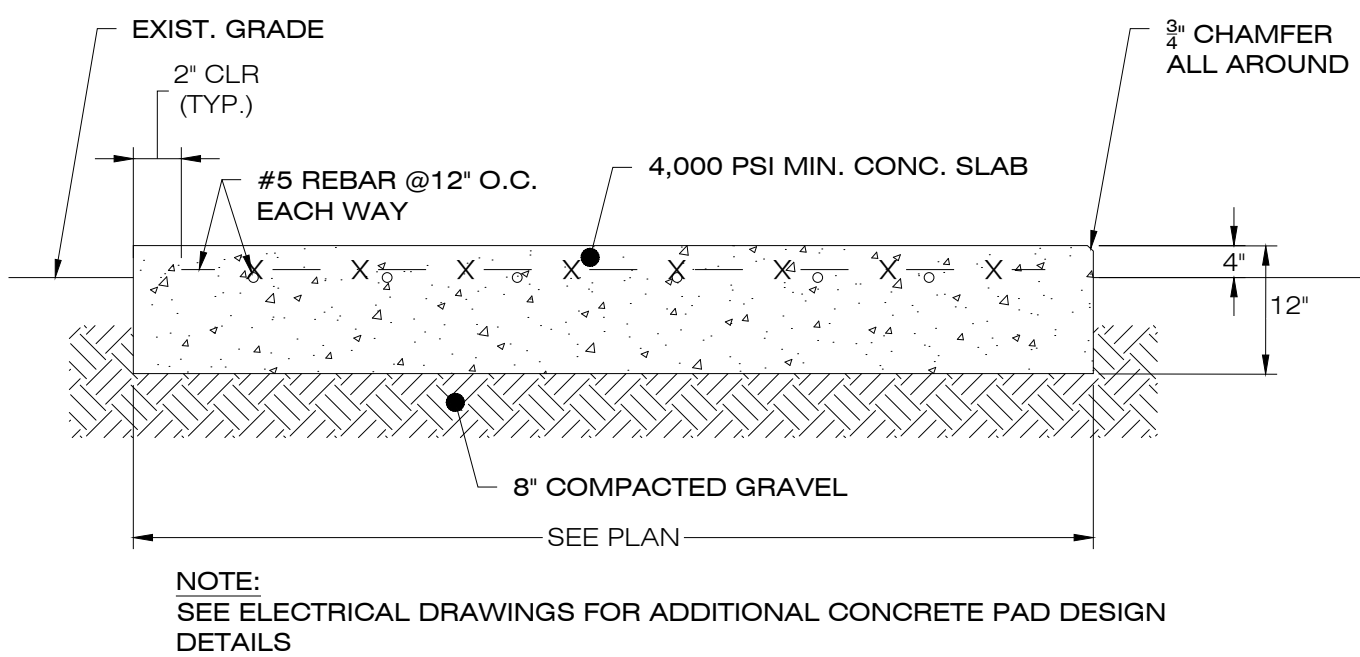
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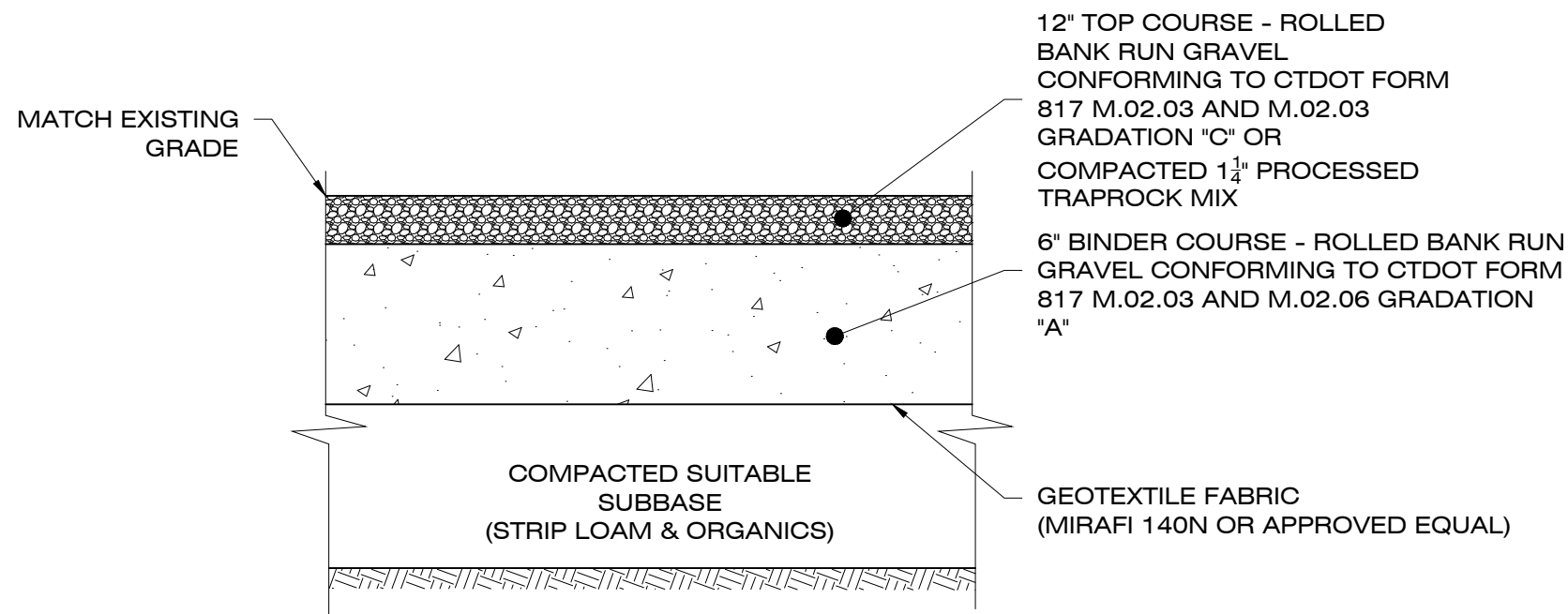
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1 **ELECTRICAL TRENCH DETAIL**
DN-1 SCALE : N.T.S.

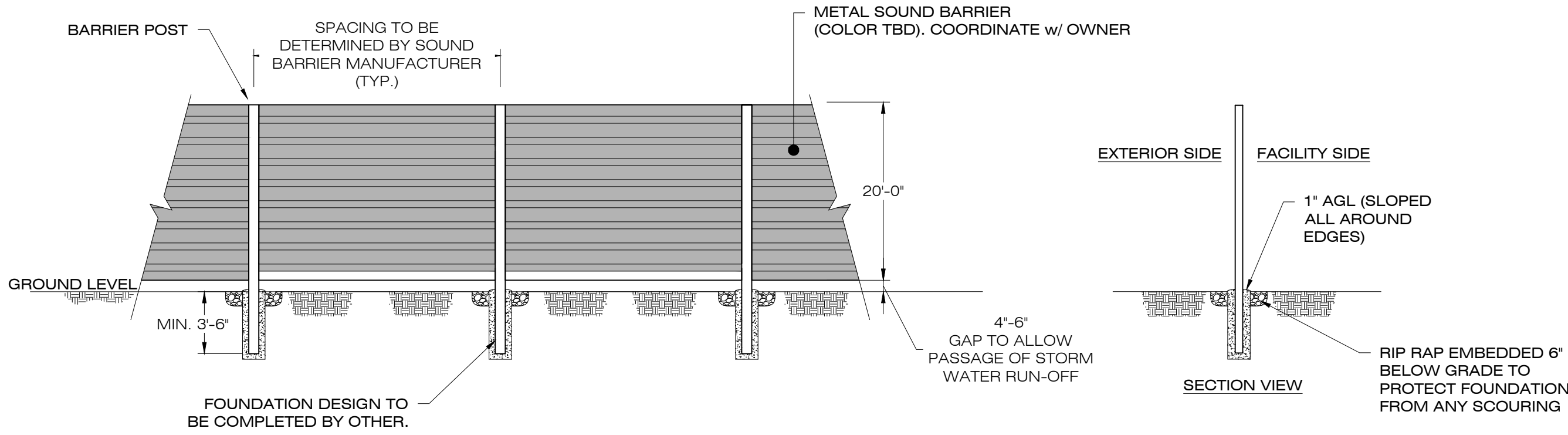


2 **CONCRETE EQUIPMENT PAD**
DN-1 SCALE : N.T.S.



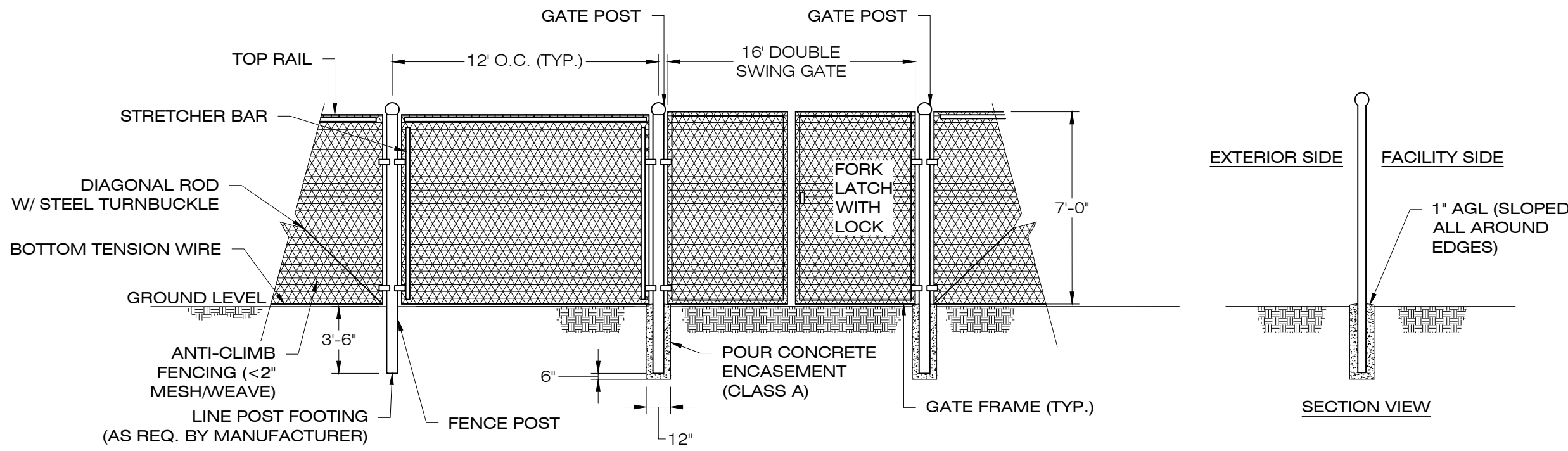
- NOTES:
1. SUBBASE MAY CONSIST OF NATIVE MATERIALS IF FOUND ACCEPTABLE BY THE ENGINEER. SUBBASE TO BE COMPACTED TO 95% MAX DRY DENSITY.
 2. SUBBASE IS TO BE FREE FROM DEBRIS AND UNSUITABLE MATERIALS.

3 **GRAVEL PAD**
DN-1 SCALE : N.T.S.

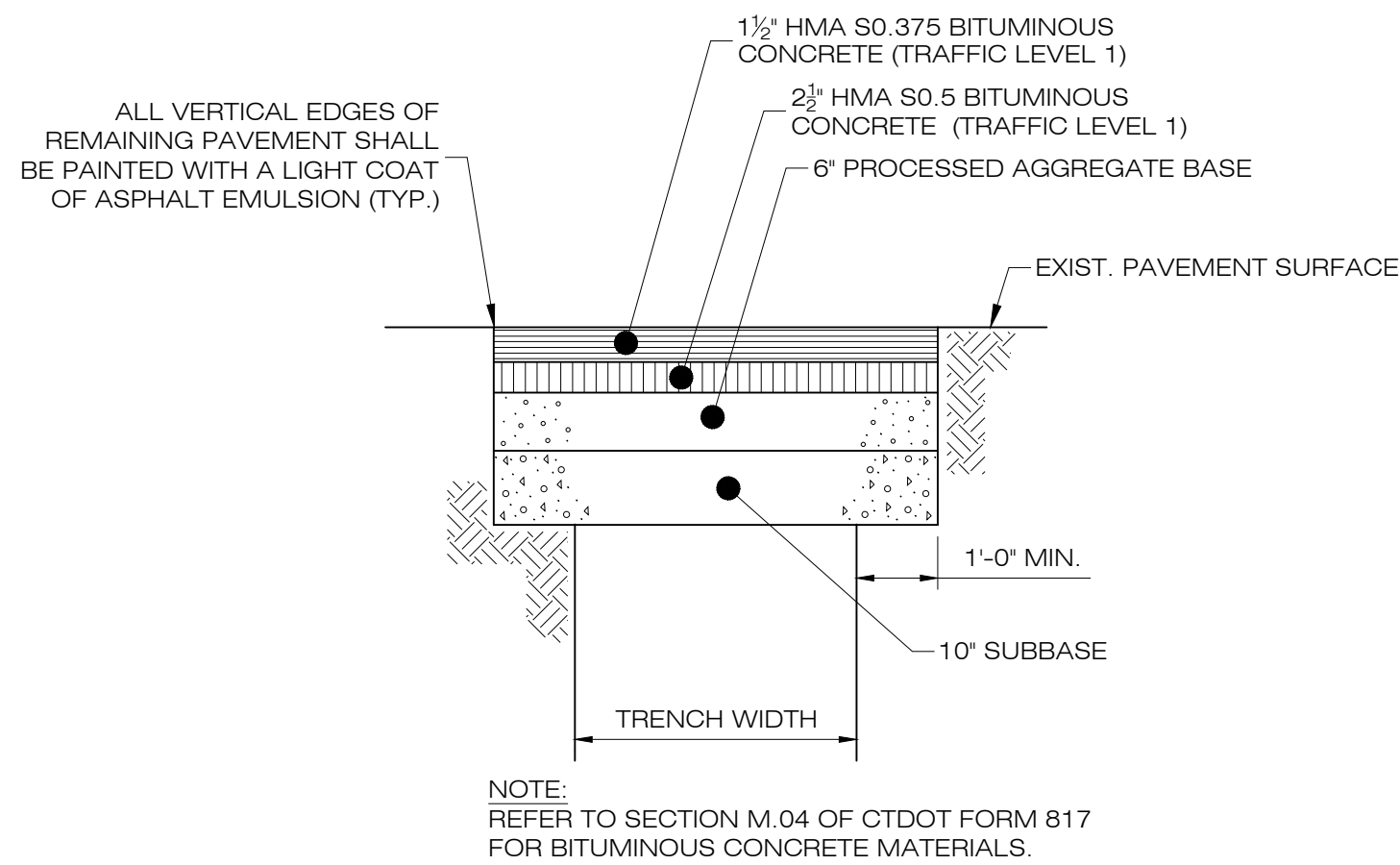


- NOTES:
1. SOUND BARRIER PRODUCT & SPECIFICATIONS TO BE DETERMINED BY OWNER.
 2. BARRIER POST FOUNDATION TO BE DESIGNED BY OTHERS.

4 **GENERIC SOUND BARRIER DETAIL**
DN-1 SCALE : N.T.S.



5 **CHAIN-LINK FENCE & GATE DETAIL**
DN-1 SCALE : N.T.S.



6 **PAVEMENT REPAIR OVER TRENCH**
DN-1 SCALE : N.T.S.



22 SOUTH SMITH STREET
NORWALK, CT 06855



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DESIGN PROFESSIONALS OF RECORD

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COMP: ALL-POINTS TECHNOLOGY CORPORATION, P.C.
ADD: 567 VAUXHALL STREET
EXTENSION - SUITE 311
WATERFORD, CT 06385

OWNER: TOWN OF GUILFORD
(C/O HIGH SCHOOL)
ADDRESS: 605 NEW ENGLAND ROAD
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GUILFORD HIGH SCHOOL BESS

SITE ADDRESS:
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GUILFORD, CT 06437

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DATE: 12/02/25	CHECKED BY: TEL

SHEET TITLE:

DETAILS

SHEET NUMBER:

DN-1

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ENERGY STORAGE SYSTEM AT TOWN OF GUILFORD HS

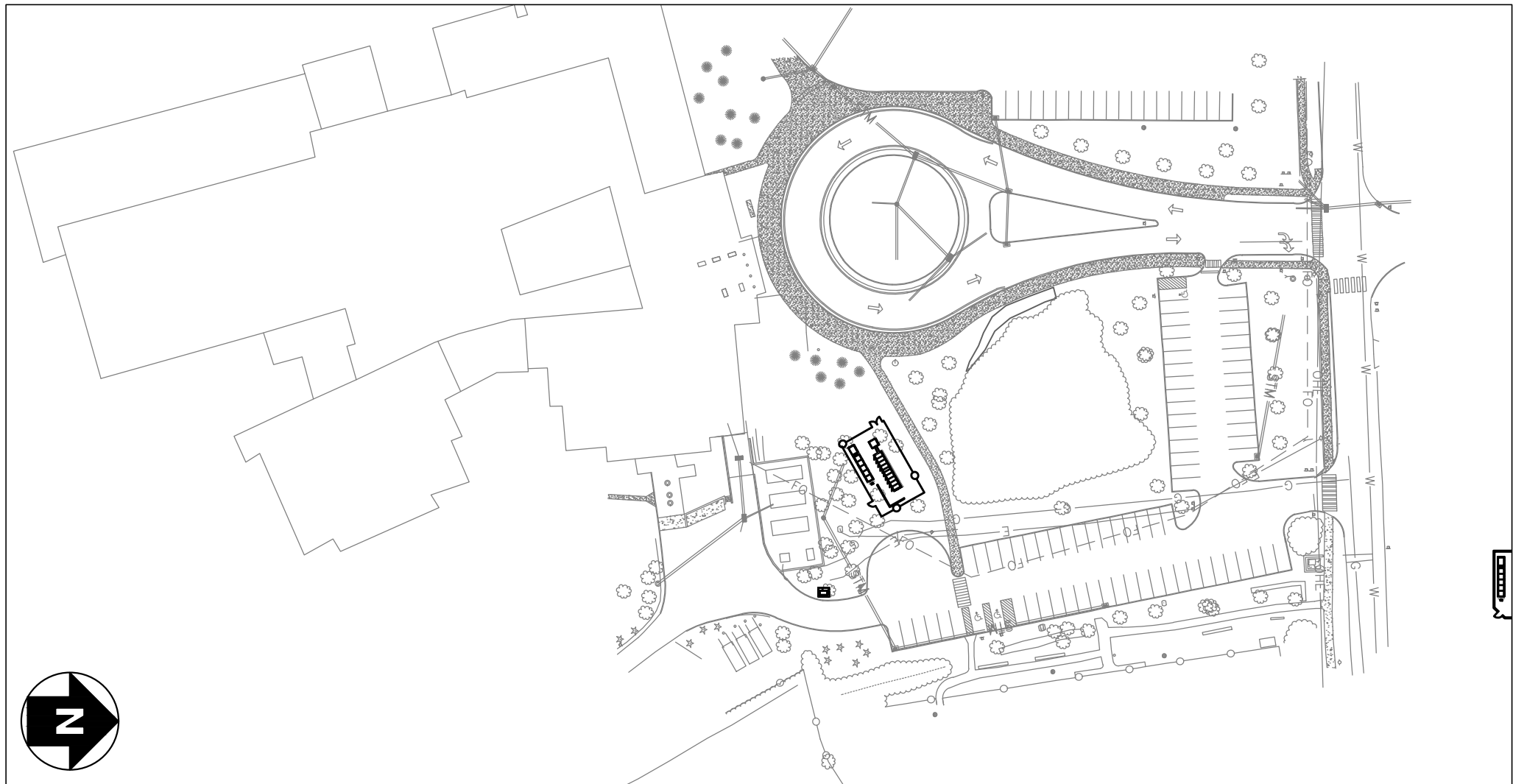
605 NEW ENGLAND ROAD, GUILFORD, CT 06437



LOCATION MAP
SCALE: 1" = 800'-0"



BIRDS-EYE VIEW FROM SOUTH
SCALE: 1" = 200'-0"



SYSTEM PLAN
SCALE: 1" = 100'-0"

SYSTEM SUMMARY:

AC SYSTEM SIZE: 1,927.00 kVA
1,927.00 kWAC
3,854.00 kWh

ESS MANUFACTURER: TESLA
(QTY) ESS TYPE: (1) MEGAPACK 2 XL

ESS SYSTEM DURATION: 2 HOUR

NOTES SPECIFIC TO CONNECTICUT

- ADOPTED NEC VERSION: 2020
ADOPTED IBC VERSION: 2021
ADOPTED IFC VERSION: 2021
- SCOPE OF WORK SUMMARY
- BATTERY ENERGY STORAGE SYSTEM (BESS):
- INSTALL BESS INVERTER(S), BATTERIES, AND ELECTRICAL DISTRIBUTION EQUIPMENT.
 - INTERCONNECT AT NEW ELECTRICAL DISTRIBUTION EQUIPMENT.

DEVELOPER:



22 SOUTH SMITH STREET
NORWALK, CT 06855

ENGINEERED BY:



111 RIVER STREET, SUITE 1110
HOBOKEN, NEW JERSEY 07030

DRAWING INDEX

GENERAL					
G001	TITLE SHEET	●	●	●	●
G100	SITE PLAN	●	●	●	●
ELECTRICAL					
E001	ELECTRICAL NOTES & SYMBOLS LIST				
E100	OVERALL ELECTRICAL PLAN				
E110	ELECTRICAL AREA PLANS				
E300	ONE LINE DIAGRAM	●	○	●	●
E310	SCHEDULES & CALCULATIONS				
E410	GROUNDING DETAILS				
E420	ELECTRICAL DETAILS				
E500	LABELS & SIGNAGE				
E600	EQUIPMENT DATA SHEETS	●	○	○	○
STRUCTURAL					
S200	STRUCTURAL PLANS AND NOTES				
S400	STRUCTURAL DETAILS				

LEGEND:		
UPDATED DRAWING ISSUED		●
UNCHANGED, PREVIOUSLY ISSUED DRAWING STILL CURRENT		○
DRAWING REMOVED FROM SET		×

PROJECT

ENERGY STORAGE SYSTEM AT
TOWN OF GUILFORD HS
605 NEW ENGLAND ROAD,
GUILFORD, CT 06437

DRAWING #
G001

DEVELOPER

PUREPOINT ENERGY
COMMERCIAL SOLAR + ENERGY STORAGE

PAGE SIZE
36" x 24"
PROJECT #
12529.01

ENGINEER

PUREPOWER
ENGINEERING
111 RIVER STREET, SUITE 1110
HOBOKEN, NJ 07030
WWW.PUREPOWER.COM
CONOR TRULLIO
CT LICENSE NO. PEN0038177

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30% CONCEPTUAL DESIGN REV3
10/14/2025
30% CONCEPTUAL DESIGN REV2
09/30/2025
30% CONCEPTUAL DESIGN REV1
09/16/2025
30% CONCEPTUAL DESIGN
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SYSTEM SUMMARY	
AC SYSTEM SIZE	1,927.00 KVA 1,927.00 KW 3,854.00 KWh
EMS CONTROLLER	TESLA SYSTEM CONTROLLER
(QTY) ENERGY STORAGE	(1) TESLA MEGAPACK 2 XL
BESS SYSTEM DURATION	2 HOUR
UTILITY	EVERSOURCE



