

LIST OF DRAWINGS

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LSE HERCULES LLC

"RAFFIA RD SOLAR"

99 & 105 & 113 RAFFIA RD ENFIELD, CT

SITE INFORMATION

| SITE NAME: | "RAFFIA RD SOLAR" |
|--|---|
| LOCATION: | 99 & 105 & 113 RAFFIA RD ENFIELD, CT |
| SITE TYPE/DESCRIPTION: | ADD (1) GROUND MOUNTED SOLAR PANEL ARRAY W/ ASSOCIATED EQUIPMENT, GRAVEL ACCESS ROAD. 9,852 540W MODULES FOR APPROX. 5.32 MW DC. |
| PROPERTY OWNER: | RAFFIA FARMS INC & RAFFIA GEORGE + SONS INC 113 RAFFIA RD ENFIELD, CT 06082 |
| APPLICANT: | LSE HERCULES LLC 40 TOWER LANE, SUITE 145 AVON, CT 06001 |
| ENGINEER CONTACT: | KEVIN A. MCCAFFERY, P.E. (860) 663-1697 x228 |
| LATITUDE: LONGITUDE: | 41.965146° -72.563855° |
| MBLU: ZONE: | 067-0424 & 067-0003 & 067-0426 B-L, R-33, R-88 |
| TOTAL SITE ACREAGE: TOTAL DISTURBED AREA: | 51.05± AC. 14.61± AC. |
| PPROX. VOLUME OF CUT: PPROX. VOLUME OF FILL: APPROX. NET VOLUME: | 25,489± CY 17,147± CY 8,342± CY OF CUT |

USGS TOPOGRAPHIC MAP



SCALE : 1" = 2000'±

SOURCE: NRCS HARTFORD CT DIGITAL RASTER GRAPHIC COUNTY MOSAIC, 2001

LSE HERCULES LLC 40 TOWER LANE, SUITE 145 AVON, CT 06001 ALL-POINTS TECHNOLOGY CORPORATIO 567 VAUXHALL STREET EXTENSION - SUITE 311 WATERFORD, CT 06385 PHONE: (860)-663-1697 VWW.ALLPOINTSTECH.COM FAX: (860)-663-093 **CSC PERMIT SET** NO DATE REVISION 0 12/01/22 FOR REVIEW: KAM 4 5 6 DESIGN PROFESSIONAL OF RECORD PROF: KEVIN A. MCCAFFERY, P.E. COMP: ALL-POINTS TECHNOLOGY CORPORATION, P.C. ADD: 567 VAUXHALL STREET **EXTENSION - SUITE 311** WATERFORD, CT 06385 OWNER: RAFFIA FARMS INC & RAFFIA GEORGE + SONS INC ADDRESS: 113 RAFFIA RD ENFIELD, CT 06082 **RAFFIA RD SOLAR** SITE 99 & 105 & 113 RAFFIA RD ADDRESS: ENFIELD, CT APT FILING NUMBER: CT606160 DRAWN BY: JT DATE: 12/01/22 CHECKED BY: KAM SHEET TITLE: **TITLE SHEET & INDEX** SHEET NUMBER:



GENERAL NOTES

- ALL CONSTRUCTION SHALL COMPLY WITH PROJECT DEVELOPER STANDARDS, TOWN OF ENFIELD 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 ENFIELD, OR CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, AND BE 3. 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 ENFIELD 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 6. 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.
- 10. THE CONTRACTOR SHALL COMPLY WITH OSHA CFR 29 PART 1926 FOR EXCAVATION TRENCHING AND TRENCH PROTECTION REQUIREMENTS.
- 1. 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
- 12. 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 ENFIELD.
- 13. THE CONTRACTOR SHALL PROVIDE AS-BUILT RECORDS OF ALL CONSTRUCTION (INCLUDING UNDERGROUND UTILITIES) TO THE PROJECT DEVELOPER AT THE END OF CONSTRUCTION.
- 14. ALTERNATIVE METHODS AND PRODUCTS, OTHER THAN THOSE SPECIFIED, MAY BE USED IF REVIEWED AND APPROVED BY THE PROJECT DEVELOPER. ENGINEER. AND APPROPRIATE REGULATORY AGENC PRIOR TO INSTALLATION DURING THE BIDDING/CONSTRUCTION PROCESS.
- 15. 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.
- 16. 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

- CORPORATION, IN MAY 2022.
- PROPER DRAINAGE IS MAINTAINED.
- MINIMUM OF 14 WORKING DAYS FOR REVIEW.
- IMPLEMENTATION OF THE PLAN.
- SATISFACTION OF THE TOWN OF ENFIELD AND STATE OF CONNECTICUT.

THE SURVEY WAS PROVIDED BY NORTHEAST SURVEY CONSULTANTS DATED AUGUST 26, 2022.

2. THERE ARE BORDERING VEGETATED WETLANDS (BVW/S) LOCATED ON THE SITE AS INDICATED ON THE PLANS. BVW BOUNDARIES WERE FLAGGED AND LOCATED BY ALL-POINTS TECHNOLOGY

THERE WILL BE MINIMAL GRADING ON SITE IN THE AREAS OF THE MINOR CLEARING, TO ENSURE THAT

4. 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

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 "EROSION CONTROL PLAN" CONTAINED HEREIN. THE CONTRACTOR SHALL BE RESPONSIBLE TO POST ALL BONDS AS REQUIRED BY GOVERNMENT AGENCIES WHICH WOULD GUARANTEE THE PROPER

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

8. 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 DEVELOPER'S ENVIRONMENTAL CONSULTANT PRIOR TO PROCEEDING WITH FURTHER WORK IN THE IMPACTED SOIL LOCATION UNTIL FURTHER INSTRUCTED BY THE PROJECT DEVELOPER AND/OR PROJECT DEVELOPER'S ENVIRONMENTAL CONSULTANT.

UTILITY NOTES

- CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE TOWN OF ENFIELD TO SECURE CONSTRUCTION PERMITS AND FOR PAYMENT OF FEES FOR STREET CUTS AND CONNECTIONS TO EXISTING UTILITIES.
- 2. 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.
- 3. UTILITY LOCATIONS AND PENETRATIONS ARE SHOWN FOR THE CONTRACTOR'S INFORMATION AND SHALL BE VERIFIED WITH THE ELECTRICAL ENGINEER AND THE PROJECT DEVELOPER'S CONSTRUCTION MANAGER PRIOR TO THE START OF CONSTRUCTION
- 4. 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.
- 5. UTILITY CONNECTION DESIGN AS REFLECTED ON THE PLAN MAY CHANGE SUBJECT TO UTILITY PROVIDER AND GOVERNING AUTHORITY STAFF REVIEW.
- 6. 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.
- 7. 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.
- 8. 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 ENFIELD.

- 9. ALL PIPES SHALL BE LAID ON STRAIGHT ALIGNMENTS AND EVEN GRADES USING A PIPE LASER OR OTHER ACCURATE METHOD.
- 10. RELOCATION OF UTILITY PROVIDER FACILITIES, SUCH AS POLES, SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE UTILITY PROVIDER.
- 11. 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.
- 12. CONTRACTOR TO PROVIDE STEEL SLEEVES AND ANNULAR SPACE SAND FILL FOR UTILITY PIPE AND CONDUIT CONNECTIONS UNDER FOOTINGS.
- 13. ALL UTILITY CONSTRUCTION IS SUBJECT TO INSPECTION FOR APPROVAL PRIOR TO BACKFILLING, IN ACCORDANCE WITH THE APPROPRIATE UTILITY PROVIDER REQUIREMENTS.
- 14. 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.
- 15. 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 ENFIELD.
- 16. INFORMATION ON EXISTING UTILITIES AND STORM DRAINAGE 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 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.
- 17. 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.
- 18. ELECTRIC DRAWINGS AND REQUIREMENTS ARE NOT INCLUDED AS PART OF THIS DRAWING SET AND SHOULD BE OBTAINED FROM THE PROJECT DEVELOPER.
- 19. 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.
- 20. 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 ENFIELD, UTILITY PROVIDERS AND GOVERNING AUTHORITIES.

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| AND GRUBBING | DISTURBANCE | | | PROF: KEVIN A. M | CCAFFERY, P.E. | |
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ENVIRONMENTAL NOTES RESOURCE PROTECTION MEASURES

RESOURCE PROTECTION PROGRAM

AS A RESULT OF THE FACILITY'S LOCATION IN THE VICINITY OF SENSITIVE WETLAND AND VERNAL POOL HABITAT AND WITHIN AN AQUIFER PROTECTION AREA, THE FOLLOWING PROTECTION PROGRAM SHALL BE IMPLEMENTED BY THE CONTRACTOR TO AVOID UNINTENTIONAL IMPACTS TO THESE RESOURCES INCLUDING PROXIMATE WETLAND RESOURCES OR MORTALITY TO VERNAL POOL HERPETOFAUNA (I.E., WOOD FROG, SALAMANDERS, TURTLES, ETC.) DURING CONSTRUCTION ACTIVITIES. THE VERNAL POOL SPECIFIC PROTECTION MEASURES SHALL BE IMPLEMENTED SHOULD CONSTRUCTION ACTIVITIES OCCUR DURING PEAK AMPHIBIAN MOVEMENT PERIODS (EARLY SPRING BREEDING [MARCH 1ST TO MAY 15TH] AND LATE SUMMER DISPERSAL [JULY 15TH TO SEPTEMBER 15TH]). PROTECTION MEASURES ASSOCIATED WITH WETLANDS SHALL BE IMPLEMENTED REGARDLESS OF THE TIME OF YEAR.

THE AQUIFER PROTECTION AREA PROTECTION MEASURES INCLUDED HEREIN SATISFY TYPICAL CONCERNS AND RECOMMENDATIONS BY THE DRINKING WATER SECTION OF THE CONNECTICUT DEPARTMENT OF PUBLIC HEALTH. THIS PROJECT IS CONTAINED WITHIN THE HAZARDVILLE WATER COMPANY'S AVERY AQUIFER PROTECTION AREA. THE HAZARDVILLE WATER COMPANY WILL BE CONTACTED AT LEAST 3 BUSINESS DAYS PRIOR TO THE PRE-CONSTRUCTION MEETING WITH AN INVITATION TO ATTEND THE PRE-CONSTRUCTION MEETING. THE HAZARDVILLE WATER COMPANY PERSONNEL WILL ALSO BE ALLOWED TO PERIODICALLY INSPECT THIS PROJECT DURING CONSTRUCTION TO ENSURE THAT DRINKING WATER QUALITY IS NOT ADVERSELY IMPACTED.

IT IS OF THE UTMOST IMPORTANCE THAT THE CONTRACTOR COMPLIES WITH THE REQUIREMENT FOR THE INSTALLATION OF 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 MEASURES ARE IMPLEMENTED PROPERLY AND WILL PROVIDE AN EDUCATION SESSION ON THE PROJECT'S PROXIMITY TO SENSITIVE WETLAND RESOURCES AND ASSOCIATED VERNAL POOL HERPETOFAUNA PRIOR TO THE START OF CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL CONTACT MATT GUSTAFSON, WETLAND SCIENTIST AT APT, AT LEAST 5 BUSINESS DAYS PRIOR TO THE PRE-CONSTRUCTION MEETING. MR. GUSTAFSON CAN BE REACHED BY PHONE AT (860) 617-0613 OR VIA EMAIL AT MGUSTAFSON@ALLPOINTSTECH.COM.

THE PROPOSED WETLAND AND VERNAL POOL PROTECTION PROGRAM CONSISTS OF SEVERAL COMPONENTS INCLUDING: EDUCATION OF ALL CONTRACTORS AND SUB-CONTRACTORS PRIOR TO INITIATION OF WORK ON THE SITE; INSTALLATION OF EROSION CONTROLS; PETROLEUM MATERIALS STORAGE AND SPILL PREVENTION; PROTECTIVE MEASURES; HERBICIDE AND PESTICIDE; AND SALT RESTRICTIONS; AND, REPORTING.

1. CONTRACTOR EDUCATION:

- A. PRIOR TO WORK ON SITE AND INITIAL DEPLOYMENT/MOBILIZATION OF EQUIPMENT AND MATERIALS, THE CONTRACTOR SHALL ATTEND AN EDUCATIONAL SESSION AT THE PRE-CONSTRUCTION MEETING WITH APT. THIS ORIENTATION AND EDUCATIONAL SESSION WILL CONSIST OF INFORMATION SUCH AS, BUT NOT LIMITED TO: IDENTIFICATION OF WETLAND RESOURCES PROXIMATE TO WORK AREAS, REPRESENTATIVE PHOTOGRAPHS OF TYPICAL HERPETOFAUNA THAT MAY BE ENCOUNTERED, CONNECTICUT AND FEDERAL LISTING STATUS OF SPECIES THAT COULD BE ENCOUNTERED, TYPICAL SPECIES BEHAVIOR, AND PROPER PROCEDURES IF SPECIES ARE ENCOUNTERED. THE MEETING WILL FURTHER EMPHASIZE THE NON-AGGRESSIVE NATURE OF THESE SPECIES, THE ABSENCE OF NEED TO DESTROY SUCH ANIMALS AND THE NEED TO FOLLOW PROTECTIVE MEASURES AS DESCRIBED IN FOLLOWING SECTIONS. THE CONTRACTOR WILL DESIGNATE ONE OF ITS WORKERS AS THE "PROJECT MONITOR", WHO WILL RECEIVE MORE INTENSE TRAINING ON THE IDENTIFICATION AND PROTECTION OF HERPETOFAUNA.
- B. THE CONTRACTOR WILL BE PROVIDED WITH PHONE (24 HOUR CONTACT) AND EMAIL FOR HAZARDVILLE WATER COMPANY PERSONNEL TO IMMEDIATELY REPORT ANY RELEASES OF SEDIMENT. FUEL OR HAZARDOUS MATERIALS.
- C. THE CONTRACTOR WILL DESIGNATE A MEMBER OF ITS CREW AS THE PROJECT MONITOR TO BE RESPONSIBLE FOR THE PERIODIC "SWEEPS" FOR HERPETOFAUNA WITHIN THE CONSTRUCTION ZONE EACH MORNING AND FOR ANY GROUND DISTURBANCE WORK. THIS INDIVIDUAL WILL RECEIVE MORE INTENSE TRAINING FROM APT ON THE IDENTIFICATION AND PROTECTION OF HERPETOFAUNA IN ORDER TO PERFORM SWEEPS. ANY HERPETOFAUNA DISCOVERED WOULD BE TRANSLOCATED OUTSIDE THE WORK ZONE IN THE GENERAL DIRECTION THE ANIMAL WAS ORIENTED.
- D. THE CONTRACTOR'S PROJECT MONITOR WILL BE PROVIDED WITH CELL PHONE AND EMAIL CONTACTS FOR APT PERSONNEL TO IMMEDIATELY REPORT ANY ENCOUNTERS WITH HERPETOFAUNA. EDUCATIONAL POSTER MATERIALS WILL BE PROVIDED BY APT AND DISPLAYED ON THE JOB SITE TO MAINTAIN WORKER AWARENESS AS THE PROJECT PROGRESSES.
- E. APT WILL ALSO POST CAUTION SIGNS THROUGHOUT THE PROJECT SITE FOR THE DURATION OF THE CONSTRUCTION PROJECT PROVIDING NOTICE OF THE ENVIRONMENTALLY SENSITIVE NATURE OF THE WORK AREA, THE POTENTIAL FOR ENCOUNTERING VARIOUS AMPHIBIANS AND REPTILES AND PRECAUTIONS TO BE TAKEN TO AVOID INJURY TO OR MORTALITY OF THESE ANIMALS.

2. EROSION AND SEDIMENTATION CONTROLS

- A. PLASTIC NETTING USED IN A VARIETY OF EROSION CONTROL PRODUCTS (I.E., EROSION CONTROL BLANKETS, FIBER ROLLS [WATTLES], REINFORCED SILT FENCE) HAS BEEN FOUND TO ENTANGLE WILDLIFE, INCLUDING REPTILES, AMPHIBIANS, BIRDS AND SMALL MAMMALS. NO PERMANENT EROSION CONTROL PRODUCTS OR REINFORCED SILT FENCE WILL BE USED ON THE PROJECT. TEMPORARY EROSION CONTROL PRODUCTS THAT WILL BE EXPOSED AT THE GROUND SURFACE AND REPRESENT A POTENTIAL FOR WILDLIFE ENTANGLEMENT WILL USE EITHER EROSION CONTROL BLANKETS AND FIBER ROLLS COMPOSED OF PROCESSED FIBERS MECHANICALLY BOUND TOGETHER TO FORM A CONTINUOUS MATRIX (NETLESS) OR NETTING COMPOSED OF PLANAR WOVEN NATURAL BIODEGRADABLE FIBER TO AVOID/MINIMIZE WILDLIFE ENTANGLEMENT.
- B. THE EXTENT OF EROSION CONTROLS WILL BE AS SHOWN ON THE SITE PLANS. THE CONTRACTOR SHALL HAVE ADDITIONAL SEDIMENTATION AND EROSION CONTROLS STOCKPILED ON SITE SHOULD FIELD OR CONSTRUCTION CONDITIONS WARRANT EXTENDING DEVICES. IN ADDITION TO THE CONTRACTOR MAKING THESE DETERMINATIONS, REQUESTS FOR ADDITIONAL CONTROLS WILL ALSO BE AT THE DISCRETION OF THE ENVIRONMENTAL MONITOR.
- C. INSTALLATION OF EROSION AND SEDIMENTATION CONTROLS, REQUIRED FOR EROSION CONTROL COMPLIANCE AND CREATION OF A BARRIER TOO POSSIBLE MIGRATING/DISPERSING HERPETOFAUNA (ONLY APPLICABLE DURING THE SEASONAL RESTRICTION PERIOD AND WILL BE INSTALLED AT THE DISCRETION OF THE ENVIRONMENTAL MONITOR), SHALL BE PERFORMED BY THE CONTRACTOR IF ANY SOIL DISTURBANCE OCCURS OR HEAVY MACHINERY IS ANTICIPATED TO BE USED ON SLOPES. THE ENVIRONMENTAL MONITOR WILL INSPECT THE WORK ZONE AREA PRIOR TO AND FOLLOWING EROSION CONTROL BARRIER INSTALLATION. IN ADDITION, WORK ZONES IN PROXIMITY TO VERNAL POOL RESOURCES WILL BE INSPECTED PRIOR TO AND FOLLOWING EROSION CONTROL BARRIER INSTALLATION TO ENSURE THE AREA IS FREE OF HERPETOFAUNA AND SATISFACTORILY INSTALLED. THE INTENT OF THE BARRIER IS TO SEGREGATE THE MAJORITY OF THE WORK ZONE FROM MIGRATING/DISPERSING HERPETOFAUNA. OFTENTIMES COMPLETE ISOLATION OF A WORK ZONE IS NOT FEASIBLE

MONITOR.

- STORED/LOCATED WITHIN 100 FEET OF WETLAND RESOURCES.
- WETLAND RESOURCES.
- PROTECTED.

3. PETROLEUM MATERIALS STORAGE AND SPILL PREVENTION

- WETLAND RESOURCES.
- STATE AND FEDERAL LAWS.
- CONTRACTOR.

II. INITIAL SPILL RESPONSE PROCEDURES 1. STOP OPERATIONS AND SHUT OFF EQUIPMENT.

- 2. REMOVE ANY SOURCES OF SPARK OR FLAME.
- 3. CONTAIN THE SOURCE OF THE SPILL.

III. SPILL CLEAN UP & CONTAINMENT

- 2. LIMIT THE SPREAD OF THE SPILL BY PLACING ABSORBENT MATERIALS AROUND THE PERIMETER OF THE SPILL.
- 3. ISOLATE AND ELIMINATE THE SPILL SOURCE.
- MATERIALS.

IV.REPORTING

1. COMPLETE AN INCIDENT REPORT.

4. WETLAND AND VERNAL POOL PROTECTIVE MEASURES

SITING COUNCIL.

- MONITOR THROUGHOUT THE DURATION OF THE CONSTRUCTION.
- MAINTAINED.

DUE TO ACCESSIBILITY NEEDS AND LOCATIONS OF STAGING/MATERIAL STORAGE AREAS, ETC. IN THOSE CIRCUMSTANCES, THE BARRIERS WILL BE POSITIONED TO DEFLECT MIGRATING/DISPERSAL ROUTES AWAY FROM THE WORK ZONE TO MINIMIZE POTENTIAL ENCOUNTERS WITH HERPETOFAUNA AT THE DISCRETION OF THE ENVIRONMENTAL

D. NO EQUIPMENT, VEHICLES, CONSTRUCTION MATERIALS, OR STAGING AREAS SHALL BE

E. THE CONTRACTOR IS RESPONSIBLE FOR DAILY INSPECTIONS OF THE SEDIMENTATION AND EROSION CONTROLS, INCLUDING BUT NOT LIMITED TO FOR TEARS OR BREECHES AND ACCUMULATION LEVELS OF SEDIMENT, PARTICULARLY FOLLOWING STORM EVENTS THAT GENERATE A DISCHARGE AS DEFINED BY AND IN ACCORDANCE WITH APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS. THE CONTRACTOR SHALL NOTIFY THE ENVIRONMENTAL MONITOR WITHIN 24 HOURS OF ANY BREECHES OF THE SEDIMENTATION AND EROSION CONTROLS AND ANY SEDIMENT RELEASES BEYOND THE PERIMETER CONTROLS THAT IMPACT WETLANDS, WATERCOURSES OR WITHIN 100 FEET OF WETLANDS AND WATERCOURSES. THE ENVIRONMENTAL MONITOR WILL PROVIDE PERIODIC INSPECTIONS OF THE SEDIMENTATION AND EROSION CONTROLS THROUGHOUT THE DURATION OF CONSTRUCTION ACTIVITIES ONLY AS IT PERTAINS TO PROTECTION OF NEARBY WETLANDS, WHICH WILL GENERALLY OCCUR ON A MONTHLY BASIS. IF APT IS NOTIFIED BY THE CONTRACTOR OF A SEDIMENT RELEASE, AN INSPECTION WILL BE SCHEDULED SPECIFICALLY TO INVESTIGATE AND EVALUATE POSSIBLE IMPACTS TO

F. ALL SILT FENCING OR OTHER POTENTIAL BARRIERS TO SAFE HERPETOFAUNA MIGRATION SHALL BE REMOVED WITHIN 30 DAYS OF COMPLETION OF WORK AND PERMANENT STABILIZATION OF SITE SOILS SO THAT REPTILE AND AMPHIBIAN MOVEMENT BETWEEN UPLANDS AND WETLANDS IS NOT RESTRICTED. IF FIBER ROLLS/WATTLES. STRAW BALES. OR OTHER NATURAL MATERIAL EROSION CONTROL PRODUCTS ARE USED, SUCH DEVICES WILL NOT BE LEFT IN PLACE TO BIODEGRADE AND SHALL BE PROMPTLY REMOVED AFTER SOILS ARE STABLE SO AS NOT TO CREATE A BARRIER TO MIGRATING WILDLIFE. SEED FROM SEEDING OF SOILS SHOULD NOT SPREAD OVER FIBER ROLLS/WATTLES AS IT MAKES THEM HARDER TO REMOVE ONCE SOILS ARE STABILIZED BY VEGETATION.

G. THE SUBJECT PROPERTY IS IN AN EXISTING STATE OF DISTURBANCE DUE TO CURRENT USAGE. AREAS OF DISTURBANCE THAT ARE LOCATED ALONG OR JUST BEYOND THE PROPOSED DEVELOPMENT'S LIMIT OF DISTURBANCE THAT ARE NOT PERMANENTLY STABILIZED WITH VEGETATION WILL RECEIVE SUCH TREATMENT DURING THE PROJECT'S CONSTRUCTION PHASE TO ENSURE THAT NEARBY WETLAND RESOURCES ARE PROPERLY

A. CERTAIN PRECAUTIONS ARE NECESSARY TO STORE PETROLEUM MATERIALS, REFUEL AND CONTAIN AND PROPERLY CLEAN UP ANY INADVERTENT FUEL OR PETROLEUM (I.E., OIL, HYDRAULIC FLUID, ETC.) SPILL DUE TO THE PROJECT'S LOCATION IN PROXIMITY TO

B. A SPILL CONTAINMENT KIT CONSISTING OF A SUFFICIENT SUPPLY OF ABSORBENT PADS AND ABSORBENT MATERIAL WILL BE MAINTAINED BY THE CONTRACTOR AT THE CONSTRUCTION SITE THROUGHOUT THE DURATION OF THE PROJECT. IN ADDITION, A WASTE DRUM WILL BE KEPT ON SITE TO CONTAIN ANY USED ABSORBENT PADS/MATERIAL FOR PROPER AND TIMELY DISPOSAL OFF SITE IN ACCORDANCE WITH APPLICABLE LOCAL,

C. THE FOLLOWING PETROLEUM AND HAZARDOUS MATERIALS STORAGE AND REFUELING RESTRICTIONS AND SPILL RESPONSE PROCEDURES WILL BE ADHERED TO BY THE

I. PETROLEUM AND HAZARDOUS MATERIALS STORAGE AND REFUELING

1. REFUELING OF VEHICLES OR MACHINERY SHALL OCCUR A MINIMUM OF 100 FEET FROM WETLANDS OR WATERCOURSES AND SHALL TAKE PLACE ON AN IMPERVIOUS PAD WITH SECONDARY CONTAINMENT DESIGNED TO CONTAIN FUELS. 2. ANY FUEL OR HAZARDOUS MATERIALS THAT MUST BE KEPT ON SITE SHALL BE STORED

ON AN IMPERVIOUS SURFACE UTILIZING SECONDARY CONTAINMENT A MINIMUM OF 100 FEET FROM WETLANDS OR WATERCOURSES.

4. DETERMINE THE APPROXIMATE VOLUME OF THE SPILL.

5. IDENTIFY THE LOCATION OF NATURAL FLOW PATHS TO PREVENT THE RELEASE OF THE SPILL TO SENSITIVE NEARBY WATERWAYS OR WETLANDS. 6. ENSURE THAT FELLOW WORKERS ARE NOTIFIED OF THE SPILL.

1. OBTAIN SPILL RESPONSE MATERIALS FROM THE ON-SITE SPILL RESPONSE KIT. PLACE ABSORBENT MATERIALS DIRECTLY ON THE RELEASE AREA.

4. CONTACT THE HAZARDVILLE WATER COMPANY ALONG WITH APPROPRIATE LOCAL, STATE AND/OR FEDERAL AGENCIES, AS NECESSARY. 5. CONTACT A DISPOSAL COMPANY TO PROPERLY DISPOSE OF CONTAMINATED

2. SUBMIT A COMPLETED INCIDENT REPORT TO LOCAL, STATE AND FEDERAL AGENCIES, AS NECESSARY, INCLUDING THE HAZARDVILLE WATER COMPANY AND THE CONNECTICUT

A. A THOROUGH COVER SEARCH OF THE CONSTRUCTION AREA WILL BE PERFORMED BY APT'S ENVIRONMENTAL MONITOR FOR HERPETOFAUNA PRIOR TO AND FOLLOWING INSTALLATION OF THE SILT FENCING BARRIER TO REMOVE ANY SPECIES FROM THE WORK ZONE PRIOR TO THE INITIATION OF CONSTRUCTION ACTIVITIES. ANY HERPETOFAUNA DISCOVERED WOULD BE TRANSLOCATED OUTSIDE THE WORK ZONE IN THE GENERAL DIRECTION THE ANIMAL WAS ORIENTED. PERIODIC INSPECTIONS WILL BE PERFORMED BY APT'S ENVIRONMENTAL

B. ANY STORMWATER MANAGEMENT FEATURES, RUTS OR ARTIFICIAL DEPRESSIONS THAT COULD HOLD WATER CREATED INTENTIONALLY OR UNINTENTIONALLY BY SITE CLEARING/CONSTRUCTION ACTIVITIES WILL BE PROPERLY FILLED IN AND PERMANENTLY STABILIZED WITH VEGETATION TO AVOID THE CREATION OF VERNAL POOL "DECOY POOLS" THAT COULD INTERCEPT AMPHIBIANS MOVING TOWARD THE VERNAL POOLS. STORMWATER MANAGEMENT FEATURES SUCH AS LEVEL SPREADERS WILL BE CAREFULLY REVIEWED IN THE FIELD TO ENSURE THAT STANDING WATER DOES NOT ENDURE FOR MORE THAN A 24-HOUR PERIOD TO AVOID CREATION OF DECOY POOLS AND MAY BE SUBJECT TO FIELD DESIGN CHANGES. ANY SUCH PROPOSED DESIGN CHANGES WILL BE REVIEWED BY THE DESIGN ENGINEER TO ENSURE STORMWATER MANAGEMENT FUNCTIONS ARE

- C. EROSION CONTROL MEASURES WILL BE REMOVED NO LATER THAN 30 DAYS FOLLOWING FINAL SITE STABILIZATION SO AS NOT TO IMPEDE MIGRATION OF HERPETOFAUNA OR OTHER WILDLIFE.
- 5. HERBICIDE, PESTICIDE, AND SALT RESTRICTIONS
- A. THE USE OF HERBICIDES AND PESTICIDES AT THE FACILITY SHALL BE AVOIDED WHEN POSSIBLE. IN THE EVENT HERBICIDES AND/OR PESTICIDES ARE REQUIRED AT THE FACILITY, THEIR USE WILL BE USED IN ACCORDANCE WITH CURRENT INTEGRATED PEST MANAGEMENT ("IPM") PRINCIPLES WITH PARTICULAR ATTENTION TO MINIMIZE APPLICATIONS WITHIN 100 FEET OF WETLAND OR WATERCOURSE RESOURCES. NO APPLICATIONS OF HERBICIDES OR PESTICIDES ARE ALLOWED WITHIN ACTUAL WETLAND OR WATERCOURSE RESOURCES.
- B. MAINTENANCE OF THE FACILITY DURING THE WINTER MONTHS SHALL MINIMIZE THE APPLICATION OF CHLORIDE-BASED DEICERS SALT WITH USE OF MORE ENVIRONMENTALLY FRIENDLY ALTERNATIVES TO MINIMIZE IMPACT TO EAGLEVILLE BROOK.

6. REPORTING

- A. COMPLIANCE MONITORING REPORTS (BRIEF NARRATIVE AND APPLICABLE PHOTOS) DOCUMENTING EACH APT INSPECTION WILL BE SUBMITTED BY APT TO THE PERMITTEE AND ITS CONTRACTOR FOR COMPLIANCE VERIFICATION OF THESE PROTECTION MEASURES. THESE REPORTS ARE NOT TO BE USED TO DOCUMENT COMPLIANCE WITH ANY OTHER PERMIT AGENCY APPROVAL CONDITIONS (I.E., DEEP STORMWATER PERMIT MONITORING, ETC.). ANY NON-COMPLIANCE OBSERVATIONS OF EROSION CONTROL MEASURES OR EVIDENCE OF EROSION OR SEDIMENT RELEASE WILL BE IMMEDIATELY REPORTED TO THE PERMITTEE AND ITS CONTRACTOR AND INCLUDED IN THE REPORTS ALONG WITH ANY OBSERVATIONS OF VERNAL POOL HERPETOFAUNA.
- B. FOLLOWING COMPLETION OF THE CONSTRUCTION PROJECT, APT WILL PROVIDE A COMPLIANCE MONITORING SUMMARY REPORT TO THE PERMITTEE DOCUMENTING IMPLEMENTATION OF THE WETLAND AND VERNAL POOL PROTECTION PROGRAM AND MONITORING OBSERVATIONS. THE PERMITTEE IS RESPONSIBLE FOR PROVIDING A COPY OF THE COMPLIANCE MONITORING SUMMARY REPORT TO THE CONNECTICUT SITING COUNCIL FOR COMPLIANCE VERIFICATION.
- C. ANY OBSERVATIONS OF RARE SPECIES WILL BE REPORTED TO CTDEEP BY APT, WITH PHOTO-DOCUMENTATION (IF POSSIBLE) AND WITH SPECIFIC INFORMATION ON THE LOCATION AND DISPOSITION OF THE ANIMAL

| - | LSE HERCULES LLC 40 TOWER LANE, SUITE 145 AVON, CT 06001 | | | | | |
|---|---|--|--|--|--|--|
| | ALL-POINTS TECHNOLOGY CORPORATION 567 VAUXHALL STREET EXTENSION - SUITE 311 WATERFORD, CT 06385 PHONE: (860)-663-1697 WWW.ALLPOINTSTECH.COM FAX: (860)-663-0935 | | | | | |
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| | DESIGN PROFESSIONAL OF RECORD PROF: KEVIN A. MCCAFFERY, P.E. COMP: ALL-POINTS TECHNOLOGY CORPORATION, P.C. ADD: 567 VAUXHALL STREET EXTENSION - SUITE 311 WATERFORD, CT 06385 | | | | | |
| | OWNER: RAFFIA FARMS INC & RAFFIA GEORGE + SONS INC ADDRESS: 113 RAFFIA RD ENFIELD, CT 06082 | | | | | |
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| | RAFFIA RD SOLAR | | | | | |
| | SITE 99 & 105 & 113 RAFFIA RD | | | | | |
| | ADDRESS: ENFIELD, CT APT FILING NUMBER: CT606160 | | | | | |
| | DRAWN BY: JT | | | | | |
| - | DATE: 12/01/22 CHECKED BY: KAM | | | | | |
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| I/F SUZANNE L TTEE & BENJAMIN CHAYES 1BLU: 67-428 I/F 1BLU: 67-433 I/F 1ICHARD L MAGGIO SR 1BLU: 67-34 | | RAF E 99 DRESS: E | FIA 9 & 105 | RD SOLAR 5 & 113 RAFFIA RD 0, CT |
| I/F XHRISTOPHER L & MARIE WENZ 1BLU: 68-106 I/F IRIAN D & STACY THURSTON 1BLU: 67-32 I/F OY C BURNS | | T FILING N | ЮМВЕ /01/22 | R: CT606160 |
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N/F TOWN OF ENFIELD MBLU: 71-3

EROSION CONTROL NOTES

| EROSION AND SEDIMENT CONTROL PLAN NOTES | | SEDIMENT & EROSION CONTROL NARRATIVE | | | | |
|--|---|--|--|--|--|--|
| 1. THE CONTRACTOR SHALL CONSTRUCT ALL SEDIMENT AND EROSION CONTROL AND SEDIMENT CONTROL, LATEST EDITION, IN ACCORDANCE WITH THE CONTR AND/OR SWPCP MONITOR. ALL PERIMETER SEDIMENTATION AND EROSION CON GRUBBING AND DEMOLITION OPERATIONS | LS IN ACCORDANCE WITH THE 2002 CONNECTICUT GUIDELINES FOR SOIL EROSION RACT DOCUMENTS, AND AS DIRECTED BY THE TOWN OF ENFIELD, PERMITTEE, NTROL MEASURES SHALL BE INSTALLED PRIOR TO THE START OF CLEARING AND | THE PROJECT INVOLVES THE CONSTRUCTION OF A GROUND MOUNTED SOLAR PANEL FACILITY WITH ASSOCIATED EQUIPMENT, INCLUDING T CLEARING, GRUBBING AND GRADING OF APPROXIMATELY 14.61± ACRES OF EXISTING LOT. | | | | |
| CONSTRUCTED IN A MANNER THAT WILL MINIMIZE EBOSION OF SOILS AND PRI | SION CONTROL MEASURES FOR THIS SITE. SEE CONSTRUCTION SEQUENCE FOR OL MEASURES SHOWN ON THE EROSION & SEDIMENT CONTROL PLAN ARE SHOWN OR ENSURING THAT ALL EROSION CONTROL MEASURES ARE CONFIGURED AND EVENT THE TRANSPORT OF SEDIMENTS AND OTHER POLLUTANTS TO STORM | A. CLEARING, GRUBBING, AND GRADING OF EXISTING LOT. B. CONSTRUCTION OF 9,582 GROUND MOUNTED SOLAR PANELS AND ASSOCIATED EQUIPMENT. B. THE STABILIZATION OF DISTURBED AREAS WITH PERMANENT VEGETATIVE TREATMENTS. | | | | |
| DRAINAGE SYSTEMS AND/OR WATERCOURSES. ACTUAL SITE CONDITIONS OR S CONFIGURATIONS, AS REQUIRED, AND AS DIRECTED BY THE PERMITTEE AND/C CONTRACT PLANS FOR APPROPRIATE INFORMATION. | SEASONAL AND CLIMATIC CONDITIONS MAY WARRANT ADDITIONAL CONTROLS OR R SWPCP MONITOR. REFER TO SITE PLAN FOR GENERAL INFORMATION AND OTHER | FOR THIS PROJECT, THERE ARE APPROXIMATELY 14.61 ± ACRES OF THE SITE BEING DISTURBED WITH NEGLIGIBLE INCREASE IN THE IMPERV OF THE SITE, AS ALL ACCESS THOUGH THE SITE WILL BE GRAVEL. IMPERVIOUS AREAS ARE LIMITED TO THE CONCRETE PADS FOR ELECTRI EQUIPMENT. | | | | |
| 3. A BOND OR LETTER OF CREDIT MAY BE REQUIRED TO BE POSTED WITH THE GO MAINTENANCE. | VERNING AUTHORITY FOR THE EROSION CONTROL INSTALLATION AND | 3. THE PROJECT SITE, AS MAPPED IN THE SOIL SURVEY OF STATE OF CONNECTICUT (NRCS, VERSION 22, SEP 12, 2022), CONTAINS TYPE 36B (HYDROLOGIC SOIL GROUP A), 304 AND 306 (HYDROLOGIC SOIL GROUP B), AND 12 (HYDROLOGIC SOIL GROUP C/D) SOILS. A GEOTECHNIC/ ENGINEERING REPORT HAS NOT BEEN COMPLETED. | | | | |
| 4. THE CONTRACTOR SHALL APPLY THE MINIMUM EROSION & SEDIMENT CONTRO SEQUENCING, SUCH THAT ALL ACTIVE WORK ZONES ARE PROTECTED. ADDITION INSTALLED DURING THE CONSTRUCTION PERIOD IF FOUND NECESSARY BY THE AGENCY. THE CONTRACTOR SHALL CONTACT THE OWNER AND APPROPRIATE THOSE SHOWN ON THE PLANS ARE PROPOSED BY THE CONTRACTOR. | DL MEASURES SHOWN ON THE PLAN IN CONJUNCTION WITH CONSTRUCTION ONAL AND/OR ALTERNATIVE SEDIMENT AND EROSION CONTROL MEASURES MAY BE E CONTRACTOR, OWNER, SITE ENGINEER, MUNICIPAL OFFICIALS, OR ANY GOVERNING GOVERNING AGENCIES FOR APPROVAL IF ALTERNATIVE CONTROLS OTHER THAN | IT IS ANTICIPATED THAT CONSTRUCTION WILL BE COMPLETED IN APPROXIMATELY 3-4 MONTHS. REFER TO THE CONSTRUCTION SEQUENCING AND EROSION AND SEDIMENTATION NOTES FOR INFORMATION REGARDING SEQUENCING (| | | | |
| 5. THE CONTRACTOR SHALL TAKE EXTREME CARE DURING CONSTRUCTION SO A AND EROSION CONTROL MEASURES. THE CONTRACTOR SHALL INSPECT ALL S WITH A RAINFALL AMOUNT OF 0.25 INCHES OR GREATER TO VERIFY THAT THE TIMELY MANOR. | S NOT TO DISTURB UNPROTECTED WETLAND AREAS OR INSTALLED SEDIMENTATION EDIMENT AND EROSION CONTROLS WEEKLY AND WITHIN 24 HOURS OF A STORM CONTROLS ARE OPERATING PROPERLY AND MAKE REPAIRS AS NECESSARY IN A | STORMWATER MANAGEMENT DESIGN CRITERIA UTILIZES THE APPLICABLE SECTIONS OF THE 2004 CONNECTICUT STORMWATER QUALITY M AND THE TOWN OF ENFIELD STANDARDS, TO THE EXTENT POSSIBLE AND PRACTICABLE FOR THIS PROJECT ON THIS SITE. EROSION AND SEDIMENTATION MEASURES ARE BASED UPON ENGINEERING PRACTICE, JUDGEMENT AND THE APPLICABLE SECTIONS OF THE CONNECTICU EROSION AND SEDIMENT CONTROL GUIDEUNES FOR URBAN AND SUBURBAN AREAS. LATEST EDITION | | | | |
| 6. THE CONTRACTOR SHALL KEEP A SUPPLY OF EROSION CONTROL MATERIAL (S PERIODIC MAINTENANCE AND EMERGENCY REPAIRS. | ILT FENCE, COMPOST FILTER SOCK, EROSION CONTROL BLANKET, ETC.) ON-SITE FOR | 7. DETAILS FOR THE TYPICAL STORMWATER MANAGEMENT AND EROSION AND SEDIMENTATION MEASURES ARE SHOWN ON THE PLAN SHEETS PROVIDED AS SEPARATE SUPPORT DOCUMENTATION FOR REVIEW IN THIS PLAN. | | | | |
| 7. ALL FILL MATERIAL PLACED ADJACENT TO ANY WETLAND AREA SHALL BE GOO RUN), SHALL BE PLACED IN MAXIMUM ONE FOOT LIFTS, AND SHALL BE COMPA CONTRACT SPECIFICATIONS. | DD QUALITY, WITH LESS THAN 5% FINES PASSING THROUGH A #200 SIEVE (BANK CTED TO 95% MAX. DRY DENSITY MODIFIED PROCTOR OR AS SPECIFIED IN THE | 8. CONSERVATION PRACTICES TO BE USED DURING CONSTRUCTION: A. STAGED CONSTRUCTION; B. MINIMIZE THE DISTURBED AREAS TO THE EXTENT PRACTICABLE DURING CONSTRUCTION; | | | | |
| 8. PROTECT EXISTING TREES THAT ARE TO BE SAVED BY FENCING, ORANGE SAFE TRIMMING SHOULD BE DONE AFTER CONSULTATION WITH AN ARBORIST AND E REPAIRED DURING CONSTRUCTION. | TY FENCE, CONSTRUCTION TAPE, OR EQUIVALENT FENCING/TAPE. ANY LIMB BEFORE CONSTRUCTION BEGINS IN THAT AREA; FENCING SHALL BE MAINTAINED AND | C. STABILIZE DISTURBED AREAS WITH TEMPORARY OR PERMANENT MEASURES AS SOON AS POSSIBLE, BUT NO LATER THAN 7-DAYS FOLL DISTURBANCE; D. MINIMIZE IMPERVIOUS AREAS; E. UTILIZE APPROPRIATE CONSTRUCTION EROSION AND SEDIMENTATION MEASURES. | | | | |
| 9. CONSTRUCTION ENTRANCES (ANTI-TRACKING PADS) SHALL BE INSTALLED PRIO MAINTAINED THROUGHOUT THE DURATION OF ALL CONSTRUCTION IF REQUIRE CONSTRUCTION ARE COMPLETED. CONTRACTOR SHALL ENSURE THAT ALL VE EXITING. | DR TO ANY SITE EXCAVATION OR CONSTRUCTION ACTIVITY AND SHALL BE D. THE LOCATION OF THE TRACKING PADS MAY CHANGE AS VARIOUS PHASES OF HICLES EXITING THE SITE ARE PASSING OVER THE ANTI-TRACKING PADS PRIOR TO | THE FOLLOWING SEPARATE DOCUMENTS ARE TO BE CONSIDERED A PART OF THE EROSION AND SEDIMENTATION PLAN: A. STORMWATER MANAGEMENT REPORT DATED DECEMBER 2022. B. SWPCP DATED DECEMBER 2022. | | | | |
| 10. ALL CONSTRUCTION SHALL BE CONTAINED WITHIN THE LIMIT OF DISTURBANCE OR OTHER MEANS PRIOR TO CLEARING. CONSTRUCTION ACTIVITY SHALL REM/ CALLED FOR ON THE DOWNHILL SIDE OF THE BARRIER. | E, WHICH SHALL BE MARKED WITH SILT FENCE, SAFETY FENCE, HAY BALES, RIBBONS, AIN ON THE UPHILL SIDE OF THE SEDIMENT BARRIER UNLESS WORK IS SPECIFICALLY | SUGGESTED CONSTRUCTION SEQUENCE THE FOLLOWING SUGGESTED SEQUENCE OF CONSTRUCTION ACTIVITIES IS PROJECTED BASED UPON ENGINEERING JUDGEMENT AND BEST MANAGEMENT PRACTICES. THE CONTRACTOR MAY ELECT TO ALTER THE SEQUENCING TO BEST MEET THE CONSTRUCTION SCHEDULE, THE EXIS SITE ACTIVITIES AND WEATHER CONDITIONS. SHOULD THE CONTRACTOR ALTER THE CONSTRUCTION SEQUENCE OR ANY EROSION AND SEDIME CONTROL MEASURES THEY SHALL MODIFY THE STORMWATER POLLUTION CONTROL PLAN ("SWPCP") AS REQUIRED BY THE GENERAL PERMIT. N CHANGES IN SEQUENCING AND/OR METHODS MAY REQUIRE REGULATORY APPROVAL PRIOR TO IMPLEMENTATION. 1. THE CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION MEETING. PHYSICALLY FLAG THE LIMITS OF DISTURBANCE IN THE FIELD AS NEC TO FACILITATE THE PRE-CONSTRUCTION MEETING. | | | | |
| 11. NO CUT OR FILL SLOPES SHALL EXCEED 2:1 EXCEPT WHERE STABILIZED BY RO SEEDED AND BANKS WILL BE STABILIZED IMMEDIATELY UPON COMPLETION OF | CK FACED EMBANKMENTS OR EROSION CONTROL BLANKETS. ALL SLOPES SHALL BE FINAL GRADING UNTIL TURF IS ESTABLISHED. | | | | | |
| 12. DIRECT ALL DEWATERING PUMP DISCHARGE TO A SEDIMENT CONTROL DEVICE REQUIRED. DISCHARGE TO STORM DRAINS OR SURFACE WATERS FROM SEDIM MUNICIPALITY. | E CONFORMING TO THE GUIDELINES WITHIN THE APPROVED LIMIT OF DISTURBANCE IF IENT CONTROLS SHALL BE CLEAR AND APPROVED BY THE PERMITTEE OR | | | | | |
| 13. THE CONTRACTOR SHALL MAINTAIN A CLEAN CONSTRUCTION SITE AND SHALL SITE. PROPER SANITARY DEVICES SHALL BE MAINTAINED ON-SITE AT ALL TIME PRECAUTIONS TO AVOID THE SPILLAGE OF FUEL OR OTHER POLLUTANTS ON T REGULATIONS RELATED TO SPILL PREVENTION AND RESPONSE/CONTAINMENT | NOT ALLOW THE ACCUMULATION OF RUBBISH OR CONSTRUCTION DEBRIS ON THE S AND SECURED APPROPRIATELY. THE CONTRACTOR SHALL TAKE ALL NECESSARY HE CONSTRUCTION SITE AND SHALL ADHERE TO ALL APPLICABLE POLICIES AND | 2. CONDUCT A PRE-CONSTRUCTION MEETING TO DISCUSS THE PROPOSED WORK AND EROSION AND SEDIMENTATION CONTROL MEASURES. T MEETING SHOULD BE ATTENDED BY THE OWNER, THE OWNER'S REPRESENTATIVE(S), THE GENERAL CONTRACTOR, DESIGNATED SUB-CONTF AND THE PERSON, OR PERSONS, RESPONSIBLE FOR THE IMPLEMENTATION, OPERATION, MONITORING AND MAINTENANCE OF THE EROSION SEDIMENTATION MEASURES. THE CONSTRUCTION PROCEDURES FOR THE ENTIRE PROJECT SHALL BE REVIEWED AT THIS MEETING. | | | | |
| 14. MINIMIZE LAND DISTURBANCES. SEED AND MULCH DISTURBED AREAS WITH TE USING PERENNIAL RYEGRASS AT 40 LBS PER ACRE. MULCH ALL CUT AND FILL NECESSARY, REPLACE LOOSE HAY ON SLOPES WITH EROSION CONTROL BLAN CONSTRUCTION STAGING AREAS MAY BE HYDROSEEDED WITH TACKIFIER. | EMPORARY MIX AS SOON AS PRACTICABLE (2 WEEK MAXIMUM UNSTABILIZED PERIOD) SLOPES AND SWALES WITH LOOSE HAY AT A RATE OF 2 TONS PER ACRE. IF IKETS OR JUTE CLOTH. MODERATELY GRADED AREAS, ISLANDS, AND TEMPORARY | 3. NOTIFY CALL BEFORE YOU DIG AT 811, AS REQUIRED, PRIOR TO THE START OF CONSTRUCTION. PHASE 1 | | | | |
| 15. SWEEP AFFECTED PORTIONS OF OFF SITE ROADS ONE OR MORE TIMES A DAY FOR DUST CONTROL, PERIODICALLY MOISTEN EXPOSED SOIL SURFACES WITH | (OR LESS FREQUENTLY IF TRACKING IS NOT A PROBLEM) DURING CONSTRUCTION. WATER ON UNPAVED TRAVELWAYS TO KEEP THE TRAVELWAYS DAMP. CALCIUM | REMOVE EXISTING IMPEDIMENTS AS NECESSARY AND PROVIDE MINIMAL CLEARING AND GRUBBING TO INSTALL THE REQUIRED CONSTRUCT ENTRANCE/S. | | | | |
| CHLORIDE MAY ALSO BE APPLIED TO ACCESS ROADS. DUMP TRUCK LOADS EX 16. VEGETATIVE ESTABLISHMENT SHALL OCCUR ON ALL DISTURBED SOIL, UNLESS | ITING THE SITE SHALL BE COVERED. | CLEAR ONLY AS NEEDED TO INSTALL THE PERIMETER EROSION AND SEDIMENTATION CONTROL MEASURES AND, IF APPLICABLE, TREE PROT ALL WETLAND AREAS SHALL BE PROTECTED BEFORE MAJOR CONSTRUCTION BEGINS. | | | | |
| SCHEDULED FOR PAVING WITHIN 30 DAYS. TEMPORARY SEEDING OR NON-LIVI WITHIN THE FIRST 7 DAYS OF SUSPENDING WORK IN AREAS TO BE LEFT LONGE | NG SOIL PROTECTION OF ALL EXPOSED SOILS AND SLOPES SHALL BE INITIATED ER THAN 30 DAYS. | INSTALL PERIMETER EROSION CONTROL. INSTALL TEMPORARY SEDIMENT TRAP. UPON COMPLETION OF THE INSTALLATION AND STABILIZATION OF THE BASINS, PHASE 2 WORK UP GF | | | | |
| 17. MAINTAIN ALL PERMANENT AND TEMPORARY SEDIMENT CONTROL DEVICES IN COMPLETION OF WORK SWEEP CONCRETE PADS, CLEAN THE STORMWATER N THE SITE IS FULLY STABILIZED AND APPROVAL HAS BEEN RECEIVED FROM PER | EFFECTIVE CONDITION THROUGHOUT THE CONSTRUCTION PERIOD. UPON IANAGEMENT SYSTEMS AND REMOVE ALL TEMPORARY SEDIMENT CONTROLS ONCE MITTEE OR THE MUNICIPALITY. | PHASE 2 | | | | |
| 18. THE SITE WAS DESIGNED TO COMPLY WITH FEDERAL, STATE, AND, IF APPLICAE ADDITIONAL CONTROLS AND ACTIVITIES MAY BE DEEMED NECESSARY BY THE CONDITIONS AND/OR MEANS AND METHODS. SUCH ITEMS MAY INCLUDE, BUT CONTROLS, THE USE OF FLOCCULANTS OF FLOCK LOGS TO DECREASE SEDIM MEASURES (I.E. STRAW BALES, WATTLES, ETC.), AND HYDROSEEDING WITH RA | BLE, LOCAL STANDARDS, PLUS CURRENT ACCEPTED PRACTICES FOR THE INDUSTRY. SWPCP MONITOR DURING CONSTRUCTION AS A RESULT OF UNFORESEEN ARE NOT LIMITED TO: ADDITIONAL FOREBAYS, BASINS, OR UPSTREAM STRUCTURAL ENT, DISCHARGE MANAGEMENT SUCH AS ADDITIONAL ARMORING AND FILTERING PIDLY GERMINATING SEED. | 8. UPON COMPLETION OF THE INSTALLATION OF THE TEMPORARY SEDIMENT BASINS; THE AREA ABOVE THE BASIN CAN HAVE THE REMAININ AREA CLEARING, GRUBBING, AND GRADING COMPLETED AS REQUIRED. REMOVE CUT WOOD AND STOCKPILE FOR FUTURE USE OR REMC OFF-SITE. REMOVE AND DISPOSE OF DEMOLITION DEBRIS OFF-SITE IN ACCORDANCE WITH APPLICABLE LAWS. | | | | |
| 19. SEEDING MIXTURES SHALL BE NEW ENGLAND SEMI-SHADE GRASS AND FORBS | MIX (SEE SITE DETAILS SHEET DN-1), OR APPROVED EQUAL BY OWNER. | 9. TEMPORARILY SEED DISTURBED AREAS NOT UNDER CONSTRUCTION FOR THIRTY (30) DAYS OR MORE. <u>FINAL GRADING & DRAINAGE PLAN</u> | | | | |
| CONSTRUCTION OPERATION AND M | IAINTENANCE PLAN - BY CONTRACTOR | | | | | |
| E&S MEASURE INSPECTION SCHEDULE | MAINTENANCE REQUIRED | 11 INSTALL ELECTRICAL CONDUITS | | | | |
| CONSTRUCTION ENTRANCE DAILY | PLACE ADDITIONAL STONE, EXTEND THE LENGTH OR REMOVE AND REPLACE THE STONE. CLEAN PAVED SURFACES OF TRACKED SEDIMENT. | 11. INSTALL ELECTRICAL CONDUITS. | | | | |
| COMPOST FILTER SOCK WEEKLY & WITHIN 24 HOURS OF RAINFALL > 0.29 | 5" REPAIR/REPLACE WHEN FAILURE OR DETERIORATION IS OBSERVED. | | | | | |
| SILT FENCE WEEKLY & WITHIN 24 HOURS OF RAINFALL > 0.23 | REPAIR/REPLACE WHEN FAILURE OR DETERIORATION IS OBSERVED. REMOVE SILT WHEN IT REACHES 1/2 THE HEIGHT OF THE FENCE. | 13. INSTALL GROUND MOUNTED SOLAR PANELS AND COMPLETE ELECTRICAL INSTALLATION. | | | | |
| TOPSOIL/BORROW STOCKPILES DAILY | REPAIR/REPLACE SEDIMENT BARRIERS AS NECESSARY. | 14. AFTER SUBSTANTIAL COMPLETION OF THE INSTALLATION OF THE SOLAR PANELS, COMPLETE REMAINING SITE WORK AND STABILIZE ALL DIS AREAS. | | | | |
| TEMPORARY SEDIMENT BASIN (W/ BAFFLES)WEEKLY & WITHIN 24 HOURS OF RAINFALL > 0.5" | REMOVE SEDIMENT ONCE IT HAS ACCUMULATED TO ONE HALF OF MINIMUM REQUIRED VOLUME OF THE WET STORAGE, DEWATERING AS NEEDED. RESTORE TRAP TO ORIGINAL DIMENSIONS. REPAIR/REPLACE BAFFLES WHEN FAILURE OR DETERIORATION IS OBSERVED. | 15. FINE GRADE, RAKE, SEED AND MULCH ALL REMAINING DISTURBED AREAS. | | | | |
| TEMPORARY SEDIMENT TRAP (W/ BAFFLES) WEEKLY & WITHIN 24 HOURS OF RAINFALL > 0.5 | REMOVE SEDIMENT ONCE IT HAS ACCUMULATED TO ONE HALF OF MINIMUM REQUIRED VOLUME OF THE WET STORAGE, DEWATERING AS NEEDED. RESTORE TRAP TO ORIGINAL DIMENSIONS. REPAIR/REPLACE BAFFLES WHEN FAILURE OR DETERIORATION IS OBSERVED. | 10. AFTER THE SITE IS STADILIZED AND WITH THE APPROVAL OF THE PERIMITTEE, REMOVE PERIMETER EROSION AND SEDIMENTATION CONTROL. TEMPORARY SEDIMENT TRAP. ANY AREAS DISTURBED DURING CLEAN UP SHALL BE PERMANENTLY SEEDED. 17. THE SITE SHALL BE MONITORED ONCE A MONTH FOR TWO FULL GROWING SEASONS (APRIL-OCTOBER). | | | | |
| TEMPORARY SOIL PROTECTION WEEKLY & WITHIN 24 HOURS OF RAINFALL > 0.24 | 5" REPAIR ERODED OR BARE AREAS IMMEDIATELY. RESEED AND MULCH. | 18. ISSUE NOTICE OF TERMINATION UPON COMPLETION OF MONITORING REQUIRED PER CT DEEP CONSTRUCTION GP APPENDIX I. | | | | |

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| 567 WAT WW | VAUXHALL IERFORD, O W.ALLPOIN | ALL-P NOLOGY STREET EXTE CT 06385 F TSTECH.COM | OINTS CORPORATION ENSION - SUITE 311 PHONE: (860)-663-1697 FAX: (860)-663-0935 | | |
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| TEMPORARY SEDIMENT TRAP SIZING TABLE | | | | | | | | | | |
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| NAME | DRAINAGE AREA (AC) | SEDIMENT VOLUME/ACRE <u>AREA (CY)</u> | REQ. VOLUME (CY) | REQ. WET VOLUME (CY) | PROP. BTM. ELEV. (FT) | PROP. STONE DIKE BTM. ELEV. (FT) | PROP. WEIR CREST ELEV. (FT) | PROP. TOP ELEV. (FT) | WET VOL. PROVIDED (CY) | TOTAL VOL. PROVIDED. (CY) |
| TST-1 | 2.73 AC | 134 CYD | 365.82 CY | 182.91 CYD | 110.0' | 112.5' | 114.0' | 115.0' | 207.48 CY | 384.74 CY |

LSE HERCULES LLC 40 TOWER LANE, SUITE 145 AVON, CT 06001 ALL-POINTS TECHNOLOGY CORPORATION 567 VAUXHALL STREET EXTENSION - SUITE 311 WATERFORD, CT 06385 PHONE: (860)-663-1697 WWW.ALLPOINTSTECH.COM FAX: (860)-663-093 **CSC PERMIT SET** NO DATE REVISION 0 12/01/22 FOR REVIEW: KAM 1 2 3 4 5 6 DESIGN PROFESSIONAL OF RECORD PROF: KEVIN A. MCCAFFERY, P.E. COMP: ALL-POINTS TECHNOLOGY CORPORATION, P.C. ADD: 567 VAUXHALL STREET **EXTENSION - SUITE 311** WATERFORD, CT 06385 OWNER: RAFFIA FARMS INC & RAFFIA GEORGE + SONS INC ADDRESS: 113 RAFFIA RD ENFIELD, CT 06082 **RAFFIA RD SOLAR** SITE 99 & 105 & 113 RAFFIA RD ADDRESS: ENFIELD, CT APT FILING NUMBER: CT606160 DRAWN BY: JT DATE: 12/01/22 CHECKED BY: KAM SHEET TITLE: **SEDIMENTATION & EROSION CONTROL** DETAILS SHEET NUMBER:























4" TOP COURSE - ROLLED BANK RUN GRAVEL CONFORMING TO CTDOT FORM 817 M.02.03 AND M.02.03 GRADATION "C" OR COMPACTED 1¹/₄" PROCESSED TRAPROCK MIX

6" BINDER COURSE - ROLLED BANK RUN – GRAVEL CONFORMING TO CTDOT FORM 817 M.02.03 AND M.02.06 GRADATION "A"

- GEOTEXTILE FABRIC (MIRAFI 140N OR APPROVED EQUAL)

IN CASE OF EMERGENCY

EMERGENCY CALL NUMBER TO BE PROVIDED ONCE DETERMINED.

| LSE HERCULES LLC 40 TOWER LANE, SUITE 145 AVON, CT 06001 | | | | | | |
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| ALL-POINTS TECHNOLOGY CORPORATION 567 VAUXHALL STREET EXTENSION - SUITE 311 WATERFORD, CT 06385 PHONE: (860)-663-1697 WWW.ALLPOINTSTECH.COM FAX: (860)-663-0935 | | | | | | |
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| RAFFIA RD SOLAR SITE 99 & 105 & 113 RAFFIA RD ADDRESS: ENFIELD, CT APT FILING NUMBER: CT606160 | | | | | | |
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