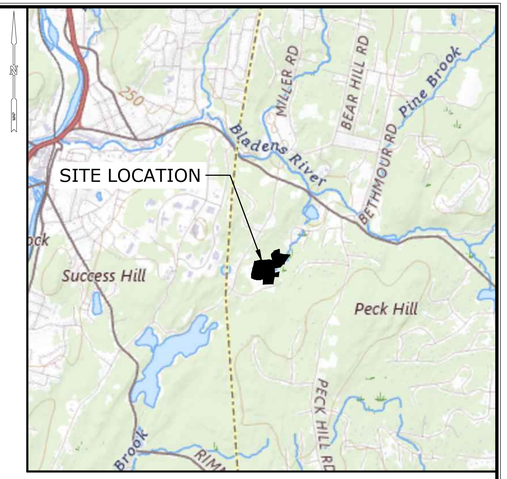
WOODBRIDGE LANDFILL
GREENSKIES CLEAN ENERGY, LLC

ACORN HILL ROAD EXD.
WOODBRIDGE, CONNECTICUT

SLR #16763.00034
FEBRUARY 24, 2025

PROJECT SITE VICINITY MAP:

0' 90' 180'
0 1/2" 1"
SCALE 1" = 180'



LOCATION MAP:
N.T.S.

PREPARED FOR:

Greenskies
a Clean Focus company

GREENSKIES CLEAN ENERGY, LLC
127 WASHINGTON AVENUE
WEST BUILDING - LOWER LEVEL
NORTH HAVEN, CONNECTICUT 06473

PREPARED BY:

SLR

67 HUNT STREET, SUITE 203-C
AGAWAM, MA
413.241.6920
SLRCONSULTING.COM

LIST OF DRAWINGS

NO.	NAME	TITLE
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04-05	EX-1 & EX-2	EXISTING CONDITIONS
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811
Know what's **below.**
Call before you dig.
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PRELIMINARY 2/24/2025

SURVEY NOTES

1. THIS PLAN IS BASED ON THE SURVEY TITLED "PLAN OF LAND IN WOODBRIDGE, CT", MAP DEPICTING TOPOGRAPHY OF ACORN HILL ROAD EXT. IN WOODBRIDGE, CONNECTICUT, PREPARED FOR: GREENSKIES, PROVIDED BY NORTHEAST SURVEY CONSULTANTS DATED SEPTEMBER 17, 2024.

   SURVEY TYPE - BOUNDARY SURVEY
   BOUNDARY SURVEY CATEGORY - DEPENDANT RESURVEY
   ACCURACY CLASS - A-2; T-3

   THIS MAP AND/OR SURVEY HAS BEEN PREPARED UTILIZING RTK GPS OBSERVATIONS FOR HORIZONTAL AND VERTICAL DATUM. ALL CONTOURS SHOWN HEREON WERE GENERATED IN QGIS FROM DIGITAL ELEVATION MODELS OF THE 2016 CRCOG LIDAR DATA, COLLECTED BY USGS AND DISTRIBUTED NOAA. AERIAL FLIGHT WAS PERFORMED IN SEPTEMBER 2024.

2. NORTH IS BASED UPON THE CONNECTICUT COORDINATE SYSTEM (NAD83) ESTABLISHED WITH QGIS OBSERVATIONS.

3. VERTICAL DATUM IS BASED UPON NAVD88 ESTABLISHED WITH QGIS OBSERVATIONS.

4. REFERENCE IS MADE TO THE FOLLOWING PLANS:

   A. "WOODBRIDGE CONN. SANITARY LANDFILL SITE PLAN" DATE: APRIL 13, 1976 SCALE: 1"=100' BY A.W. MARTIN ASSOCIATES, INC.
   B. "PLAN OF LAND IN WOODBRIDGE, CT" DATE: SEPTEMBER 17, 2024 SCALE: 1"=60' BY NORTHEAST SURVEY CONSULTANTS (P.L.S. MAP #70103)
   C. "SOLAR GROUND MOUNT SYSTEM AT WOODBRIDGE LANDFILL" DATE: MAY 29, 2024. SCALE: 1"=40' BY PURE POWER ENGINEERING

5. PROPERTY AND/OR STREET LINE DATA INFORMATION DEPICTED HEREON HAS BEEN COMPILED FROM OTHER SOURCES OF DATA AND ARE SUBJECT TO SUCH FACTS AS AN ACCURATE FIELD SURVEY MAY DISCLOSE.

6. WETLANDS LIMIT, INTERMITTENT WATERCOURSE, AND DRAINAGE FEATURE DEPICTED HEREON ARE FROM FIELD LOCATION BY OR UNDER THE SUPERVISION OF AN SLR SOIL SCIENTIST ON AUGUST 27, 2024.

7. THE PROPERTY IS LOCATED IN FLOOD ZONES "X" (AREAS OF MINIMAL FLOODING) PER NATIONAL FLOOD INSURANCE PROGRAM FIRM FLOOD INSURANCE RATE MAP MIDDLESEX COUNTY, CONNECTICUT, PANEL NUMBER 09009C0268H, EFFECTIVE DATE DECEMBER 17, 2010.

8. THE SITE IS CURRENTLY LOCATED WITHIN ZONING DISTRICT "A" RESIDENTIAL ZONE.

9. ALL UNDERGROUND UTILITIES MAY NOT BE SHOWN. UNDERGROUND UTILITY, STRUCTURE AND FACILITY LOCATIONS DEPICTED HEREON HAVE BEEN COMPILED, IN PART, FROM RECORD MAPPING AND OTHER DATA SUPPLIED BY RESPECTIVE UTILITY COMPANIES, GOVERNMENTAL AGENCIES AND/OR OTHER SOURCES. THESE LOCATIONS MUST BE CONSIDERED APPROXIMATE IN NATURE. ADDITIONALLY, OTHER SUCH FEATURES MAY EXIST ON THE SITE, THE EXISTENCE OF WHICH ARE UNKNOWN TO SLR INTERNATIONAL CORPORATION. THE EXISTENCE, SIZE AND LOCATION OF ALL SUCH FEATURES MUST BE DETERMINED AND VERIFIED IN THE FIELD BY THE APPROPRIATE AUTHORITIES PRIOR TO BEGINNING CONSTRUCTION OR EXCAVATION.

10. "CALL BEFORE YOU DIG" DIAL 811 OR 1-800-922-4455

GENERAL NOTES

1. ALL DIMENSIONS AND ELEVATIONS SHALL BE VERIFIED IN THE FIELD (V.I.F.) PRIOR TO CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE.

2. THE CONTRACTOR SHALL PERFORM NECESSARY CONSTRUCTION NOTIFICATIONS, APPLY FOR AND OBTAIN NECESSARY PERMITS, PAY FEES, AND POST BONDS ASSOCIATED WITH THE WORK AS REQUIRED BY THE CONTRACT DOCUMENTS.

3. CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE AND SAFETY OF TRAFFIC ON THE PUBLIC AND PRIVATE WAYS AFFECTED BY THE CONSTRUCTION OF THE PROJECT.

4. ALL SLOPES, VEGETATION, PAVING, WALKS, AND IMPROVEMENTS OUTSIDE THE AREAS TO BE AFFECTED BY THE CONSTRUCTION OF THE PROJECT SHALL BE PROTECTED. DAMAGES RESULTING FROM CONSTRUCTION ACTIVITIES OUTSIDE THE PROJECT LIMITS SHALL BE REPAIRED AT NO ADDITIONAL COST TO THE OWNER.

5. THE CONTRACTOR IS RESPONSIBLE FOR SITE SECURITY AND JOB SAFETY. PERFORM CONSTRUCTION ACTIVITIES IN ACCORDANCE WITH O.S.H.A. STANDARDS AND LOCAL REQUIREMENTS.

SEDIMENT & EROSION LEGEND

COMPOST FILTER TUBE — CFT —

PROPOSED LIMIT OF WORK

CONSTRUCTION ENTRANCE PAD

SEDIMENT & EROSION CONTROL NOTES

1. CONTRACTOR TO STAKE OUT LIMIT OF DISTURBANCE. NO DISTURBANCE IS TO TAKE PLACE BEYOND THE LIMITS OF WORK SHOWN.

2. CONTRACTOR TO INSTALL SEDIMENT AND EROSION CONTROLS ALONG THE PERIMETER, AS SHOWN ON THE SEDIMENT CONTROL PLAN, AND STABILIZED CONSTRUCTION ENTRANCES.

3. SLOPES ARE TO BE ESTABLISHED AS SOON AS PRACTICAL BEFORE PV ARRAY INSTALLATION. STABILIZE ALL SLOPES IMMEDIATELY AFTER THEIR ESTABLISHMENT.

4. THE SEDIMENT CONTROL PLAN SHALL BE MODIFIED BY THE CONTRACTOR AT THE DIRECTION OF THE OWNER'S REPRESENTATIVE AND THE MUNICIPALITY DESIGNATED REPRESENTATIVE AS NECESSITATED BY CHANGING SITE CONDITIONS.

5. ROUTINE SEDIMENT AND EROSION CONTROL INSPECTIONS SHALL CONTINUE UNTIL ALL DISTURBED AREAS HAVE STABILIZED PURSUANT TO THE CONNECTICUT STORMWATER GENERAL PERMIT.

6. ALL DEWATERING WASTE WATERS SHALL BE DISCHARGED IN A MANNER WHICH MINIMIZES THE DISCOLORATION OF THE RECEIVING WATERS.

7. THE SITE SHOULD BE KEPT CLEAN OF LOOSE DEBRIS, LITTER, AND BUILDING MATERIALS SUCH THAT NONE OF THE ABOVE ENTER WATERS OR WETLANDS.

8. A COPY OF ALL PLANS AND REVISIONS, AND THE SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON-SITE AT ALL TIMES DURING CONSTRUCTION.

GRADING NOTES

THE RESHAPING OF THE GROUND SURFACE WITH EXCAVATION AND FILLING OR A COMBINATION OF, TO OBTAIN PLANNED GRADES, SHALL PROCEED IN ACCORDANCE WITH THE SEDIMENT AND EROSION MEASURES IN ADDITION THE FOLLOWING CRITERIA:

1. THE CUT FACE OF EARTH EXCAVATION SHALL NOT BE STEEPER THAN TWO HORIZONTAL TO ONE VERTICAL (2:1).

2. THE PERMANENT EXPOSED FACES OF FILLS SHALL NOT BE STEEPER THAN TWO HORIZONTAL TO ONE VERTICAL (2:1).

3. THE CUT FACE OF ROCK EXCAVATION SHALL NOT BE STEEPER THAN ONE HORIZONTAL TO TWO VERTICAL (1:2).

4. PROVISIONS SHOULD BE INCLUDED TO CONVEY SURFACE WATER SAFELY TO STORM DRAINS TO PREVENT SURFACE RUNOFF FROM DAMAGING CUT FACES AND FILL SLOPES.

5. NO FILL SHOULD BE PLACED WHERE IT WILL SLIDE OR WASH INTO ADJACENT WETLANDS, WATERCOURSES, OR WATER BODIES.

6. PRIOR TO ANY RE-GRADING, A STABILIZED CONSTRUCTION ENTRANCE SHALL BE PLACED AT THE ENTRANCE TO THE WORK AREA IN ORDER TO REDUCE MUD AND OTHER SEDIMENTS FROM LEAVING THE SITE.

7. GRADING SHALL BE COMPLETED TO 95% COMPACTION PER THE SPECIFICATIONS.

8. NO UNAUTHORIZED EXCAVATION IS PERMITTED ON THE LANDFILL CAP.

9. ALL DEPRESSION AREAS, AND ANY RUTTING DURING CONSTRUCTION ON THE LANDFILL CAP SHALL BE RESTORED WITH LOW PERMEABILITY TOPSOIL AND SEEDED IN ACCORDANCE WITH THE SPECIFICATIONS.

EXISTING CONDITIONS LEGEND

BUILDING / STRUCTURE

MAJOR CONTOUR — 370 —

MINOR CONTOUR — 369 —

EDGE OF PAVEMENT

PROPERTY LINE

INTERNAL PROPERTY LINE

ABUTTERS LINE

YARD SETBACK LINE

WETLAND BUFFER

WETLANDS

GRAVEL

TREE LINE

SITE LAYOUT LEGEND

PROPOSED ELECTRICAL SERVICE (UNDERGROUND) — E —

PROPOSED ELECTRICAL SERVICE (OVERHEAD) — OHE —

PROPOSED CHANLINK FENCE / GATE

PHOTOVOLTAIC ARRAY

PROPOSED LIMIT OF WORK

PROPOSED EQUIPMENT PAD

CONSTRUCTION SEQUENCE AND SCHEDULE

CONSTRUCTION IS ANTICIPATED TO TAKE APPROXIMATELY 4 MONTHS. THE GENERAL SEQUENCE OF CONSTRUCTION IS AS FOLLOWS:

1. STAKE OUT THE LIMIT OF WORK. NO DISTURBANCE IS TO TAKE PLACE BEYOND THE LIMITS OF WORK SHOWN ON THE DRAWINGS WITHOUT CONSENT OF THE ENGINEER.
2. INSTALL E&S CONTROLS FOR SITE CLEARING ACTIVITIES AS SHOWN ON THE DRAWINGS.
3. INSTALL PV SOLAR PANEL ARRAY RACKING, PANELS, ELECTRICAL COMPONENTS, CONDUIT, AND PERIMETER FENCING.
4. ANY DISTURBED SLOPES ARE TO BE ESTABLISHED TO FINISHED GRADE WITH PLACEMENT OF TOPSOIL AND SEED AS SOON AS PRACTICABLE. AREAS DISTURBED AND COMPACTED AS A RESULT OF PV ARRAY RACKING INSTALLATION SHALL BE AERATED BY APPROVED METHODS AND SEEDED.
5. REMOVE E&S CONTROLS ONCE ALL DISTURBED AREAS HAVE COMPLETELY STABILIZED.

SEDIMENT & EROSION CONTROL SPECIFICATIONS

THESE GUIDELINES SHALL APPLY TO ALL WORK CONSISTING OF ANY AND ALL TEMPORARY AND/OR PERMANENT MEASURES TO CONTROL WATER POLLUTION AND SOIL EROSION, AS MAY BE REQUIRED, DURING THE CONSTRUCTION OF THE SOLAR FARM.

IN GENERAL, ALL CONSTRUCTION ACTIVITIES SHALL PROCEED IN SUCH A MANNER SO AS NOT TO POLLUTE ANY WETLANDS, WATERCOURSE, WATER BODY, AND CONDUIT CARRYING WATER, ETC. THE CONTRACTOR SHALL LIMIT, INSOFAR AS POSSIBLE, THE SURFACE AREA OF EARTH MATERIALS EXPOSED BY CONSTRUCTION METHODS AND IMMEDIATELY PROVIDE PERMANENT AND TEMPORARY POLLUTION CONTROL MEASURES TO PREVENT CONTAMINATION OF ADJACENT WETLANDS, WATERCOURSES, AND WATER BODIES, AND TO PREVENT, INSOFAR AS POSSIBLE, EROSION ON THE SITE.

TOPSOILING

GENERAL:

1. TOPSOIL SHALL BE SPREAD OVER ALL EXPOSED AREAS IN ORDER TO PROVIDE A SOIL MEDIUM HAVING FAVORABLE CHARACTERISTICS FOR THE ESTABLISHMENT, GROWTH, AND MAINTENANCE OF VEGETATION.
2. UPON ATTAINING FINAL UPGRADES, SCARIFY SURFACE TO PROVIDE A GOOD BOND WITH TOPSOIL.
3. REMOVE ALL LARGE STONES, TREE LIMBS, ROOTS AND CONSTRUCTION
4. APPLY LIME ACCORDING TO SOIL TEST OR AT THE RATE OF TWO (2) TONS PER ACRE.

MATERIAL:

1. TOPSOIL SHOULD HAVE PHYSICAL, CHEMICAL, AND BIOLOGICAL CHARACTERISTICS FAVORABLE TO THE GROWTH OF PLANTS.
2. TOPSOIL SHOULD HAVE A LOAMY TEXTURE. SEE SPECIFICATIONS FOR GRADATION REQUIREMENTS.
3. TOPSOIL SHOULD BE RELATIVELY FREE OF SUBSOIL MATERIAL AND MUST BE FREE OF STONES (OVER 1" IN DIAMETER), LUMPS OF SOIL, ROOTS, TREE LIMBS, TRASH, OR CONSTRUCTION DEBRIS. IT SHOULD BE FREE OF ROOTS OR RHIZOMES SUCH AS THISTLE, KNOTGRASS, AND QUAKERS.
4. AN ORGANIC MATTER CONTENT OF SIX PERCENT (6%) IS REQUIRED. AVOID LIGHT COLORED SUBSOIL MATERIAL.
5. SOLUBLE SALT CONTENT OF OVER 500 PARTS PER MILLION (PM) IS LESS SUITABLE. AVOID TIDAL MARSH SOILS BECAUSE OF HIGH SALT CONTENT AND SULFUR ACIDITY.
6. THE pH SHOULD BE MORE THAN 6.0. IF LESS, ADD LIME TO INCREASE pH TO AN ACCEPTABLE LEVEL.

APPLICATION:

1. AVOID SPREADING WHEN TOPSOIL IS WET OR FROZEN.
2. SPREAD TOPSOIL UNIFORMLY TO A DEPTH OF AT LEAST SIX INCHES (6") OR TO THE DEPTH SHOWN ON THE LANDSCAPING PLANS.

PERMANENT VEGETATIVE COVER

GENERAL:

1. PERMANENT VEGETATIVE COVER SHALL BE ESTABLISHED AS VARIOUS SECTIONS OF THE PROJECT ARE COMPLETED IN ORDER TO STABILIZE THE SOIL, REDUCE DOWNSTREAM DAMAGE FROM SEDIMENT AND RUNOFF, AND TO ENHANCE THE AESTHETIC NATURE OF THE SITE. IT WILL BE APPLIED TO ALL CONSTRUCTION AREAS SUBJECT TO EROSION WHERE FINAL GRADING HAS BEEN COMPLETED AND A PERMANENT COVER IS NEEDED SHALL BE SEEDED WITHIN 7 DAYS OF ESTABLISHMENT OF FINAL GRADES.

SITE PREPARATION:

1. INSTALL REQUIRED SURFACE WATER CONTROL MEASURES.
2. REMOVE LOOSE ROCK, STONE, AND CONSTRUCTION DEBRIS FROM AREA.
3. PERFORM ALL PLANTING OPERATIONS PARALLEL TO THE CONTOURS OF THE SLOPE.
4. APPLY TOPSOIL AS INDICATED ELSEWHERE HEREIN.
5. APPLY FERTILIZER ACCORDING TO SOIL TEST OR:
   - SPRING SEEDING: WORK DEEPLY IN SOIL, BEFORE SEEDING, 300 LBS. OF 10-10-10 FERTILIZER PER ACRE (7 LBS. PER 1,000 SQ. FT.); THEN SIX (6) TO EIGHT (8) WEEKS LATER, APPLY ON THE SURFACE AN ADDITIONAL 300 LBS. OF 10-10-10 FERTILIZER PER ACRE. AFTER SEPTEMBER 1, TEMPORARY VEGETATIVE COVER SHALL BE APPLIED.
   - FALL SEEDING: WORK DEEPLY IN SOIL, BEFORE SEEDING, 600 LBS. OF 10-10-10 FERTILIZER PER ACRE (14 LBS. PER 1,000 SQ. FT.).

VEGETATIVE COVER SELECTION & MULCHING:

TEMPORARY VEGETATIVE COVER SEED MIX:

PERENNIAL RYEGRASS 3 LBS./1,000 SQ.FT. (IOLUIUM PERENNE)

PERMANENT VEGETATIVE COVER SEED MIX:

1. NEW ENGLAND CONSERVATION/WILDLIFE MIX OR EQUAL:

   RECOMMENDED APPLICATION RATE: 1 POUND PER 1,750 SF
   SEED MIX SPECIES: Virginia Wild Rye (Elymus virginicus), Little Bluestem (Schizachyrium scoparium), Big Bluestem (Andropogon gerardii), Creeping Red Fescue (Festuca rubra), Switch Grass (Panicum virgatum), Partridge Pea (Chamaecrista fasciculata), Deer Tongue (Panicum clandestinum), Indian Grass (Sorghastrum nutans), Ox Eye Sunflower (Heliopsis helianthoides), Common Milkweed (Asclepias syriaca), Spotted Joe Pye Weed (Eupatorium maculatum), Grass Leaved Goldenrod (Euthamia graminifolia), Blue Vervain (Verbena hastata), New England Aster (Aster novae-angliae), Early Goldenrod (Solidago juncea).

2. TEMPORARY MULCHING: STRAW AT 70-90 LBS./1,000 SQ.FT. (TEMPORARY VEGETATIVE AREAS) WOOD FIBER IN HYDROMULCH SLURRY 25-50 LBS./1,000 SQ. FT.

ZONING DATA

ZONING DISTRICT	A (INDUSTRIAL)
DIMENSIONAL / DENSITY CRITERIA	**REGULATION**
MIN. LOT AREA	65,000 SQ. FT.
MIN. WIDTH	200 FT
MIN. DEPTH	100 FT
MIN. STREET FRONTAGE	
MIN. YARD SETBACKS	
FRONT	75 FT.
SIDE	---
REAR	---
IMPERVIOUS AREA	N/A
MAX. HEIGHT	2.5 STORIES
LOT COVERAGE	MAX. OF 15% LOT AREA
OPEN SPACE	N/A

NOTE: THE LOCATION AND SCREENING OF ALL STRUCTURES SHALL BE AT THE DISCRETION OF THE PLANNING AND ZONING COMMISSION.

SYSTEM INFORMATION	
SYSTEM SIZE (DC)	1,270.080kW
SYSTEM SIZE (AC)	999.000 kW / 999.000 kVA
NOMINAL VOLTAGE	13.8Y / 7.96 kV
OUTPUT CURRENT	41.8 A
(QTY) MODULE TYPE	HELIENE 144HC 540W
(QTY) INVERTER TYPE 1:	(8) SOLECTRIA XGI 1500-125 / 125 UL
(QTY) INVERTER TYPE 2:	(1) SOLECTRIA XGI 1500-125 / 125 UL (DERATED TO 124 kW)
PANEL TILT	20°
PANEL AZIMUTH	0°
UTILITY	UNITED ILLUMINATING
NRES BID #	BS47015

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DESCRIPTION | DATE | BY

LEGEND & NOTES

WOODBRIDGE LANDFILL
GREENSKIES CLEAN ENERGY, LLC
ACORN HILL ROAD EXD.
WOODBRIDGE, CONNECTICUT

MRG	JLS	MRG
DESIGNED	DRAWN	CHECKED

NOT TO SCALE (SCALE)

FEBRUARY 24, 2025 (DATE)

16763.00034 (PROJECT NO.)

02 OF 11 (SHEET NO.)

LD (SHEET NAME)

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DESCRIPTION	DATE	BY

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DESIGNED	DRAWN	CHECKED
---	JLS	MRG

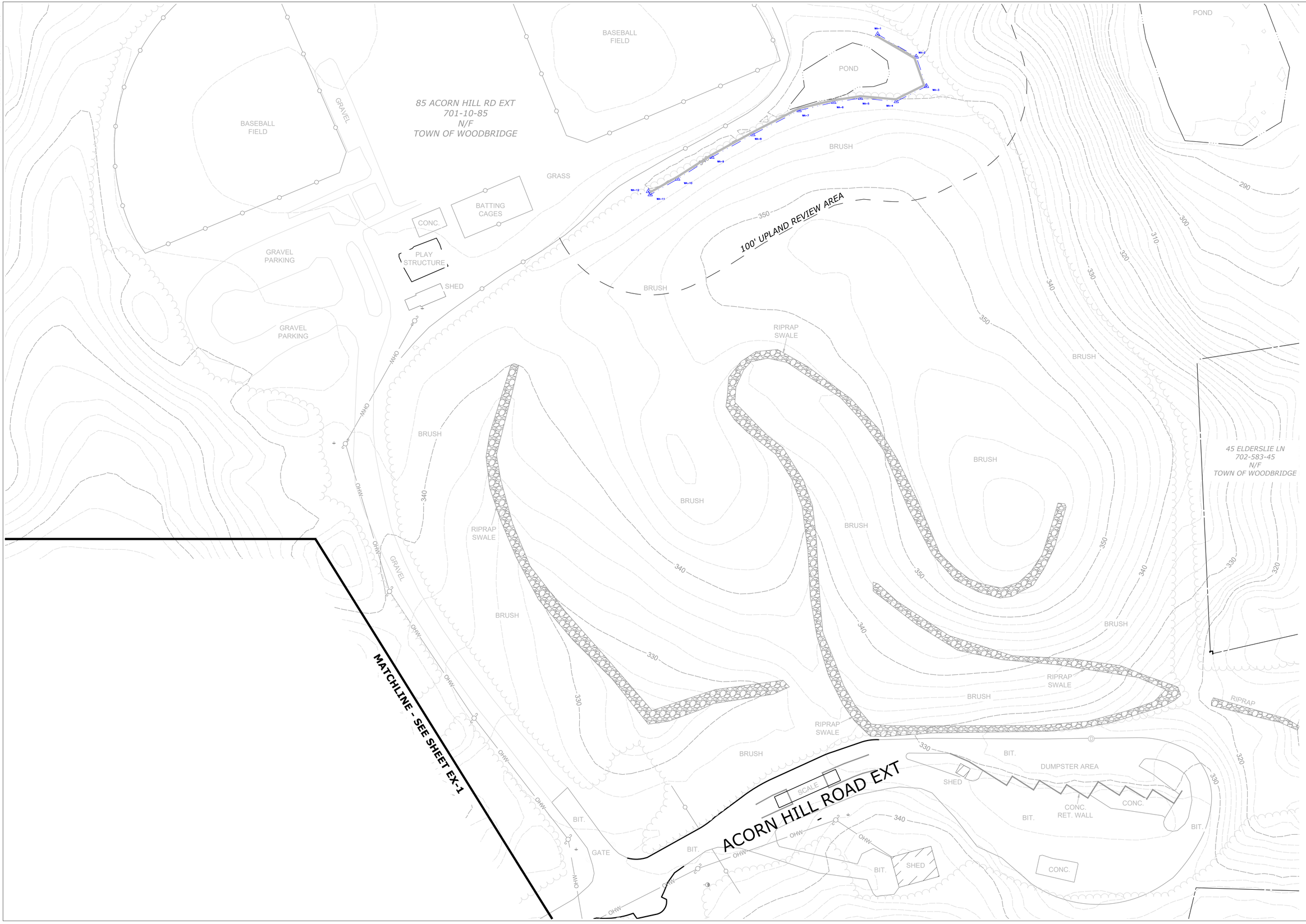
SCALE: 1"=80'

DATE: FEBRUARY 24, 2025

PROJECT NO.: 16763.00034

SHEET NO.: 03 OF 11

SHEET NAME: IN



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DESCRIPTION	DATE	BY

EXISTING CONDITIONS PLAN

WOODBRIDGE LANDFILL
GREENSKIES CLEAN ENERGY, LLC
ACORN HILL ROAD EXD.
WOODBRIDGE, CONNECTICUT

DESIGNED	DRAWN	CHECKED
---	JLS	MRG

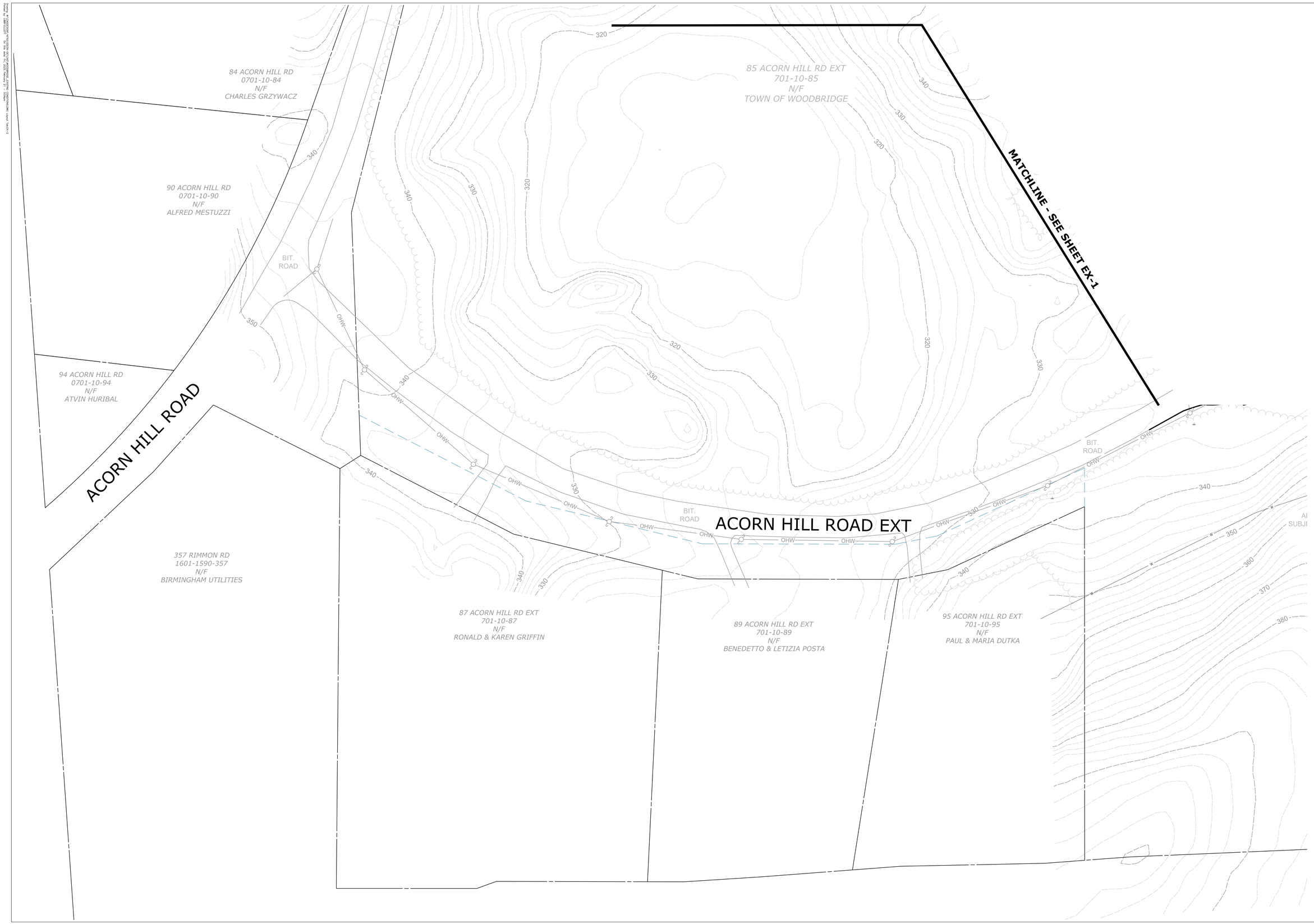
SCALE: 1"=40'

DATE: FEBRUARY 24, 2025

PROJECT NO.: 16763.00034

SHEET NO.: 04 OF 11

SHEET NAME: EX-1



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ACORN HILL ROAD EXD.
WOODBRIDGE, CONNECTICUT

DESIGNED	DRAWN	CHECKED
---	JLS	MRG

SCALE: 1"=40'

DATE: FEBRUARY 24, 2025

PROJECT NO.: 16763.00034

SHEET NO.: 05 OF 11

SHEET NAME: EX-2

N S E W
0' 20' 40'
0 1/2" 1"

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DESCRIPTION	DATE	BY

SITE LAYOUT & GRADING PLAN

WOODBRIDGE LANDFILL
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ACORN HILL ROAD EXD.
WOODBRIDGE, CONNECTICUT

DESIGNED	DRAWN	CHECKED
---	---	MRG

SCALE: 1"=40'
DATE: FEBRUARY 24, 2025
PROJECT NO.: 16763.00034
SHEET NO.: 06 OF 11
SHEET NAME: LA-1

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DESIGNED	DRAWN	CHECKED
---	---	MRG

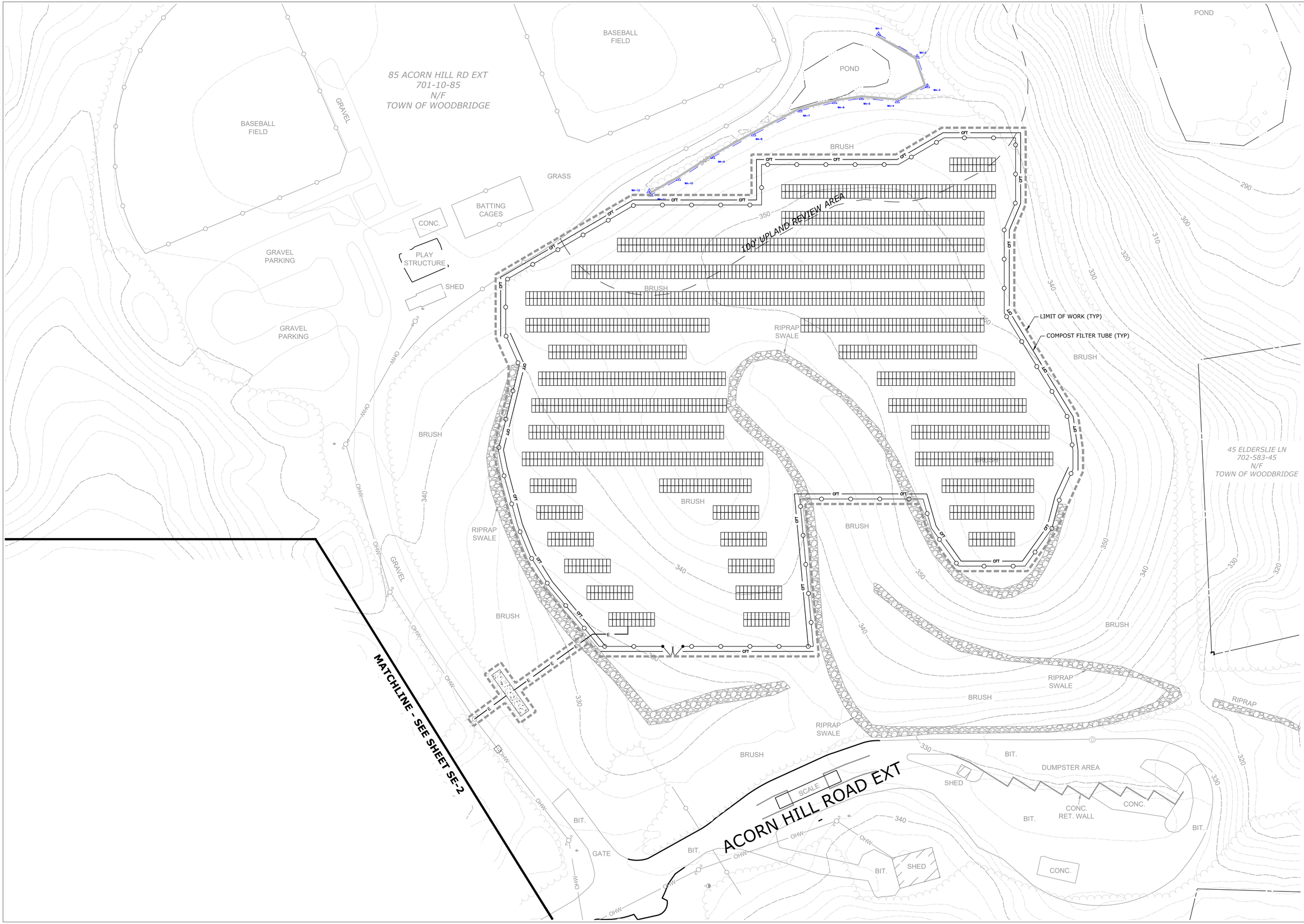
SCALE: 1"=40'

DATE: FEBRUARY 24, 2025

PROJECT NO.: 16763.00034

SHEET NO.: 07 OF 11

SHEET NAME: LA-2



N

W E

S

0' 20' 40'

0 1/2" 1"

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SEDIMENT & EROSION CONTROL PLAN

WOODBRIDGE LANDFILL
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WOODBRIDGE, CONNECTICUT

--- DESIGNED	--- DRAWN	MRG CHECKED

1"=40' SCALE

FEBRUARY 24, 2025 DATE

16763.00034 PROJECT NO.

08 OF 11 SHEET NO.

SE-1 SHEET NAME

84 ACORN HILL RD
701-10-84
N/F
CHARLES GRZYWACZ

90 ACORN HILL RD
0701-10-90
N/F
ALFRED MESTUZZI

94 ACORN HILL RD
0701-10-94
N/F
ATVIN HURIBAL

85 ACORN HILL RD EXT
701-10-85
N/F
TOWN OF WOODBRIDGE

MATCHLINE - SEE SHEET SE-1

ACORN HILL ROAD

ACORN HILL ROAD EXT

BIT. ROAD

OHW

320
330
340
350

357 RIMMON RD
1601-1590-357
N/F
BIRMINGHAM UTILITIES

87 ACORN HILL RD EXT
701-10-87
N/F
RONALD & KAREN GRIFFIN

89 ACORN HILL RD EXT
701-10-89
N/F
BENEDETTO & LETIZIA POSTA

95 ACORN HILL RD EXT
701-10-95
N/F
PAUL & MARIA DUTKA

AI
SUBJI

360
370
380

N
W
E
S

0' 20' 40'
0 1/2" 1"

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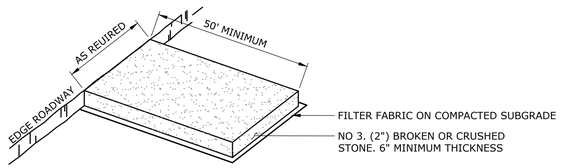
PROJECT NO.: 16763.00034

SHEET NO.: 09 OF 11

SHEET NAME: SE-2



NOTES:

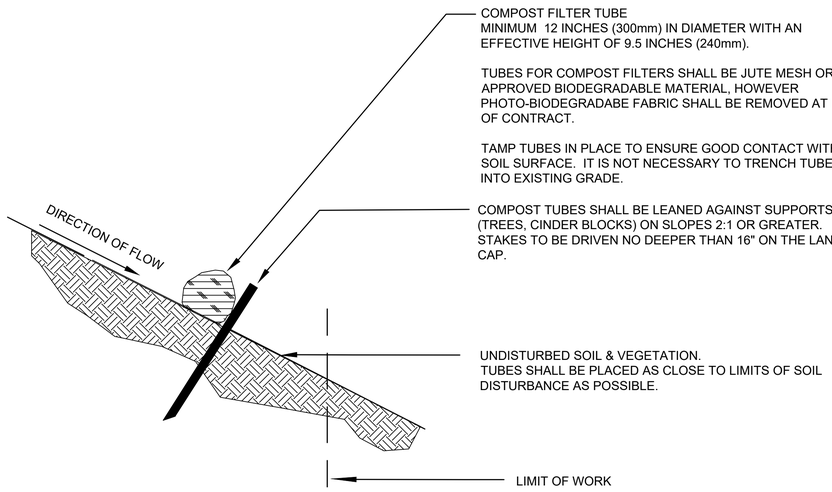
1. CONSTRUCTION ENTRANCE PAD SHALL BE INSTALLED AND MAINTAINED DURING OPERATIONS WHICH GENERATE VEHICULAR TRACKING OF MUD.

CONSTRUCTION ENTRANCE PAD

NOT TO SCALE

EROSION CONTROL MAINTENANCE INTERVALS

EROSION CONTROL MEASURE	CONTROL OBJECTIVE	INSPECTION/MAINTENANCE	FAILURE INDICATORS	REMOVAL
CONSTRUCTION ENTRANCE	- REDUCE THE TRACKING OF SEDIMENT OFF-SITE ONTO PAVED SURFACES.	INSPECT AT THE END OF EACH WORK DAY AND IMMEDIATELY REPAIR DAMAGES. PERIODIC ADDITION OF STONE, OR LENGTHENING OF ENTRANCE MAY BE REQUIRED AS CONDITIONS DEMAND. ALL SEDIMENT SPILLED, DROPPED, WASHED, OR TRACKED ONTO PAVED SURFACES AS A RESULT OF INEFFICIENCY OF CONSTRUCTION ENTRANCE SHALL BE IMMEDIATELY REMOVED.	- SEDIMENT IN ROADWAY ADJACENT TO SITE	CONSTRUCTION ENTRANCE MAY BE REMOVED ONCE THE SITE HAS BEEN PERMANENTLY STABILIZED, AND ALL OTHER SECTIONS OF ROADWAY HAVE BEEN PERMANENTLY PAVED.
COMPOST FILTER TUBE	- INTERCEPT, AND REDIRECT/DETAIN SMALL AMOUNTS OF SEDIMENT FROM SMALL DISTURBED AREAS. - DECREASE VELOCITY OF SHEET FLOW. - PROTECT SENSITIVE SLOPES OR SOILS FROM EXCESSIVE WATER FLOW.	INSPECT AT LEAST ONCE A WEEK AND WITHIN 24 HOURS OF THE END OF A STORM WITH A RAINFALL OF 0.5 INCHES OR MORE. ACCUMULATED SEDIMENT MUST BE REMOVED ONCE THE DEPTH OF SEDIMENT IS EQUAL TO ½ THE HEIGHT OF THE BARRIER. INSPECT FREQUENTLY DURING PUMPING OPERATIONS IF USED FOR DEWATERING OPERATIONS.	- PHYSICAL DAMAGE OR DECOMPOSITION - EVIDENCE OF OVERTOPPED OR UNDERCUT FENCE - EVIDENCE OF SIGNIFICANT FLOWS EVADING CAPTURE - REPETITIVE FAILURE	SILT SOXX MAY BE REMOVED AFTER UPHILL AREAS HAVE BEEN PERMANENTLY STABILIZED.

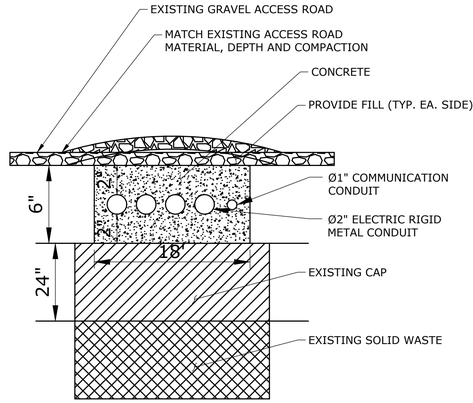


GENERAL NOTES:

1. PROVIDE A MINIMUM TUBE DIAMETER OF 12 INCHES (300mm) FOR SLOPES UP TO 50 FEET (15.24m) IN LENGTH WITH A SLOPE RATIO OF 3H:1V OR STEEPER. LONGER SLOPES OF 3H:1V MAY REQUIRE LARGER TUBE DIAMETER OR ADDITIONAL COURSING OF FILTER TUBES TO CREATE A FILTER BERM. REFER TO MANUFACTURER'S RECOMMENDATIONS FOR SITUATIONS WITH LONGER OR STEEPER SLOPES.
2. INSTALL TUBES ALONG CONTOURS AND PERPENDICULAR TO SHEET OR CONCENTRATED FLOW.
3. TUBE LOCATION MAY BE SHIFTED TO ADJUST TO LANDSCAPE FEATURES, BUT SHALL PROTECT UNDISTURBED AREA AND VEGETATION TO MAXIMUM EXTENT POSSIBLE.
4. DO NOT INSTALL IN PERENNIAL, EPHEMERAL OR INTERMITTENT STREAMS.
5. ADDITIONAL TUBES SHALL BE USED AT THE DIRECTION OF THE ENGINEER.
6. ADDITIONAL SUPPORTS SHALL BE USED AT THE DIRECTION OF THE ENGINEER.

COMPOST FILTER TUBE

NOT TO SCALE

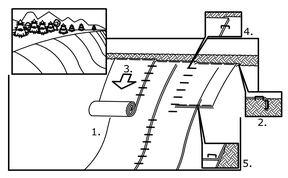


NOTES:

1. REMOVE EXISTING TOP SOIL DOWN TO EXISTING CAP. DO NOT PENETRATE CAP.
2. CONDUIT DEPTH IN COMPLIANCE WITH 2011 NEC TABLE 300.50 FOR 5KV CABLE.
3. USE CABLE RATED FOR WET LOCATIONS.
4. PROVIDE EXPLOSION PROOF FITTINGS FOR TRANSITIONS ABOVE GROUND.
5. ENCASE THE CONDUIT IN CONCRETE.
6. PROVIDE BERM IN ACCESS ROAD OVER CONCRETE ENCASED CONDUIT.

MEDIUM VOLTAGE CONDUIT RUN UNDER ACCESS DRIVE ON THE LANDFILL CAP

NOT TO SCALE



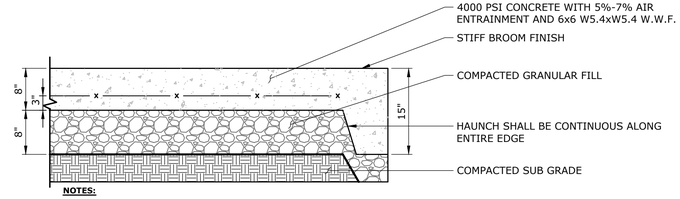
NOTES:

1. PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING APPLICATION OF LIME, FERTILIZER, AND SEED. EROSION CONTROL BLANKET SHALL BE NORTH AMERICAN GREEN ROLLMAX S150 OR APPROVED EQUIVALENT.
2. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN A 6" DEEP BY 6" WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.
3. ROLL THE BLANKETS DOWN THE SLOPE IN THE DIRECTION OF THE WATER FLOW.
4. THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 4"-6" OVERLAP.
5. WHEN BLANKETS MUST BE SPLICED DOWN THE SLOPE, PLACE BLANKETS END OVER END (SHINGLE STYLE) WITH APPROXIMATELY 6" OVERLAP. STAPLE THROUGH OVERLAP AREA, APPROXIMATELY 12" APART.

REFER TO GENERAL STAPLE PATTERN GUIDE IN NORTH AMERICAN GREEN CATALOG FOR CORRECT STAPLE PATTERN RECOMMENDATIONS FOR SLOPE INSTALLATIONS.

APPLICATION OF EROSION CONTROL BLANKET ON SLOPES

NOT TO SCALE



NOTES:

1. EXPANSION JOINTS EVERY 20LF MAXIMUM OR EVERY 144SF UNLESS OTHERWISE INDICATED ON PLANS (SEE JOINT DETAILS)
2. SCORE JOINTS 5' ON CENTER UNLESS OTHERWISE INDICATED ON PLANS.
3. USE AT LOADING DOCK AND ALL UTILITY PADS.

CONCRETE UTILITY PAD

NOT TO SCALE

SLR
67 HUNT STREET, SUITE 203-C
AGAWAM, MA
413.241.6520
SLRCONSULTING.COM

DESCRIPTION	DATE	BY

SITE DETAILS

WOODBRIDGE LANDFILL
GREENSKIES CLEAN ENERGY, LLC
ACORN HILL ROAD EXD.
WOODBRIDGE, CONNECTICUT

MRG	JLS	MRG
DESIGNED	DRAWN	CHECKED

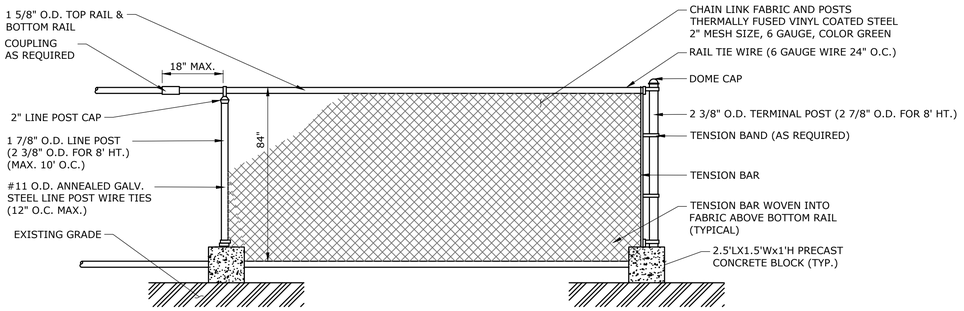
SCALE: AS NOTED

DATE: FEBRUARY 24, 2025

PROJECT NO.: 16763.00034

SHEET NO.: 10 OF 11

SHEET NAME: SD-1

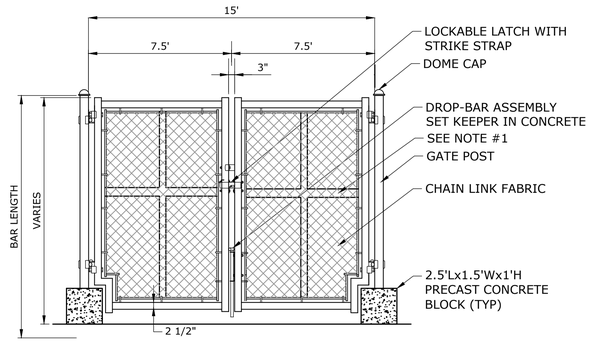


NOTES:

1. CONTRACTOR TO PROVIDE SHOP DRAWINGS.

CHAIN LINK FENCE

NOT TO SCALE



DOUBLE LEAF GATE		
OPENING	GATE POSTS	HINGE SPACE (S)
FACE TO FACE	SQ & RND SIZES	POST TO UPRIGHT
12'	2 7/8" OR 2.875" O.D.	FOR SQUARE & ROUND GATE POST: 2 7/8"

NOTES:

1. CENTER UPRIGHT REQUIRED ON GATE LEAVES 8' & WIDER. CENTER RAIL REQUIRED ON GATE LEAVE 10' & HIGHER.
2. CONTRACTOR TO SUBMIT SHOP DRAWINGS.
3. ALL SWING GATES SHALL SWING AWAY FROM THE TRACK SURFACE, NO GATE SURROUNDING THE TRACK IS PERMITTED TO SWING TOWARDS THE TRACKS, PROVIDE STOP AS REQUIRED TO PREVENT SWINGING OF GATES TOWARDS THE TRACK,

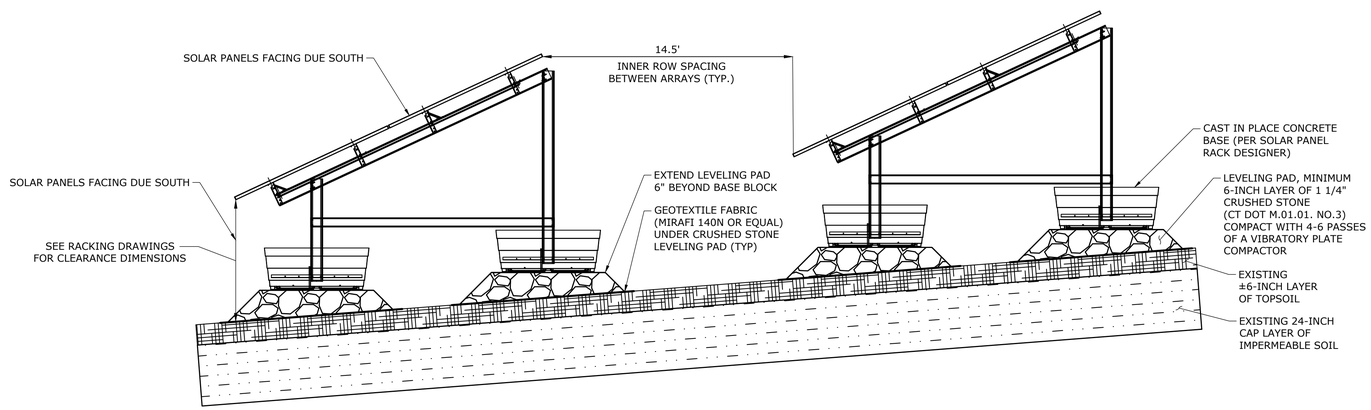
DOUBLE CHAIN LINK FENCE GATE

NOT TO SCALE

NOTE: SIGN SHALL HAVE OVERALL DIMENSIONS OF 18" x 12".

NO TRESPASSING SIGN

NOT TO SCALE



GROUND MOUNT SOLAR RACKING SYSTEM

NOT TO SCALE

SLR
67 HUNT STREET, SUITE 203-C
AGAWAM, MA
413.241.6520
SLRCONSULTING.COM

DESCRIPTION	DATE	BY

SITE DETAILS

WOODBRIDGE LANDFILL
GREENSKIES CLEAN ENERGY, LLC
ACORN HILL ROAD EXD.
WOODBRIDGE, CONNECTICUT

MRG	JLS	MRG
DESIGNED	DRAWN	CHECKED

AS NOTED
SCALE

FEBRUARY 24, 2025
DATE

16763.00034
PROJECT NO.

11 OF 11
SHEET NO.

SD-2
SHEET NAME