

SITE DEVELOPMENT PLANS

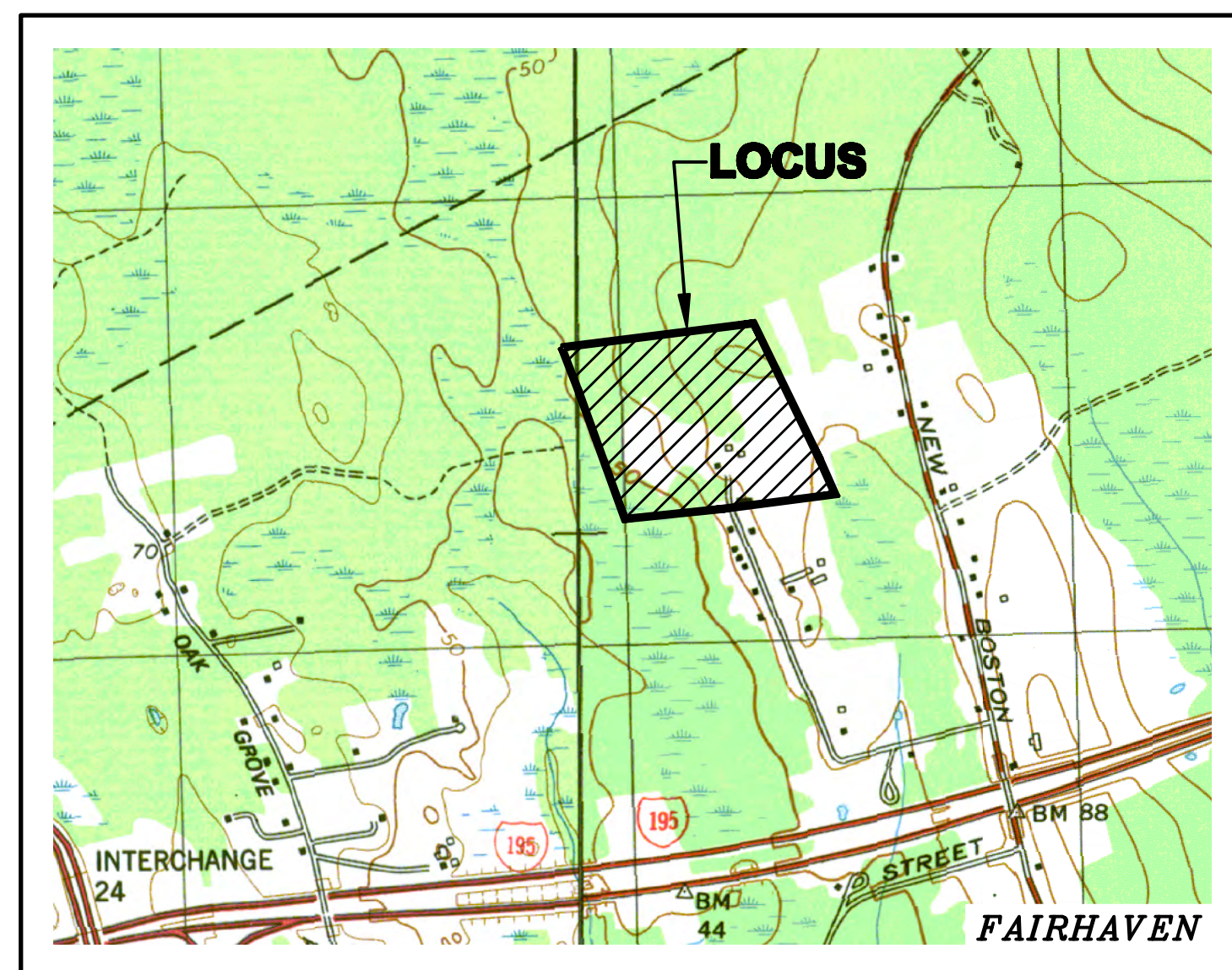
FOR

46 CHARITY STEVENS LANE SOLAR PROJECT

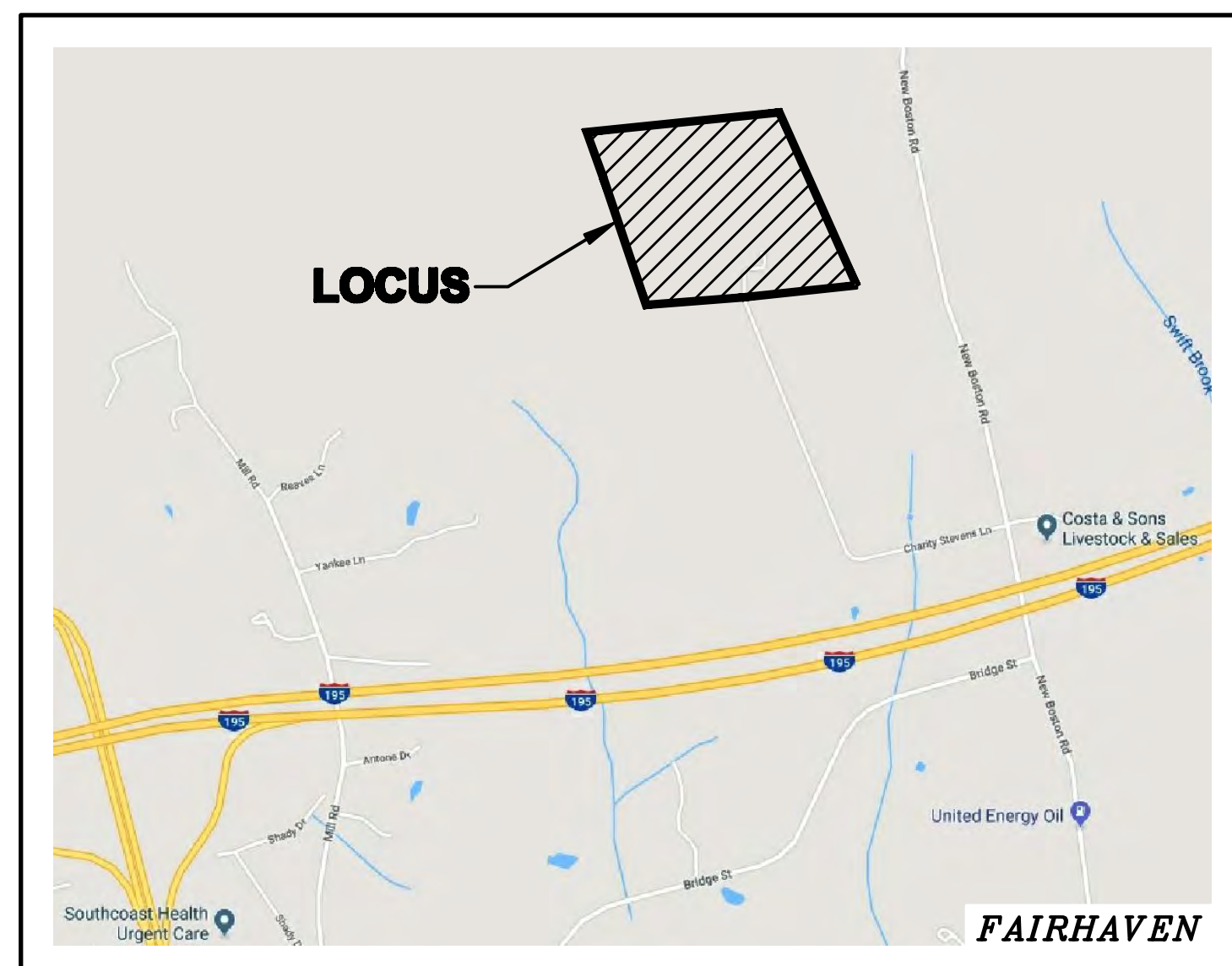
FAIRHAVEN, MASSACHUSETTS

DATE: AUGUST 23, 2019

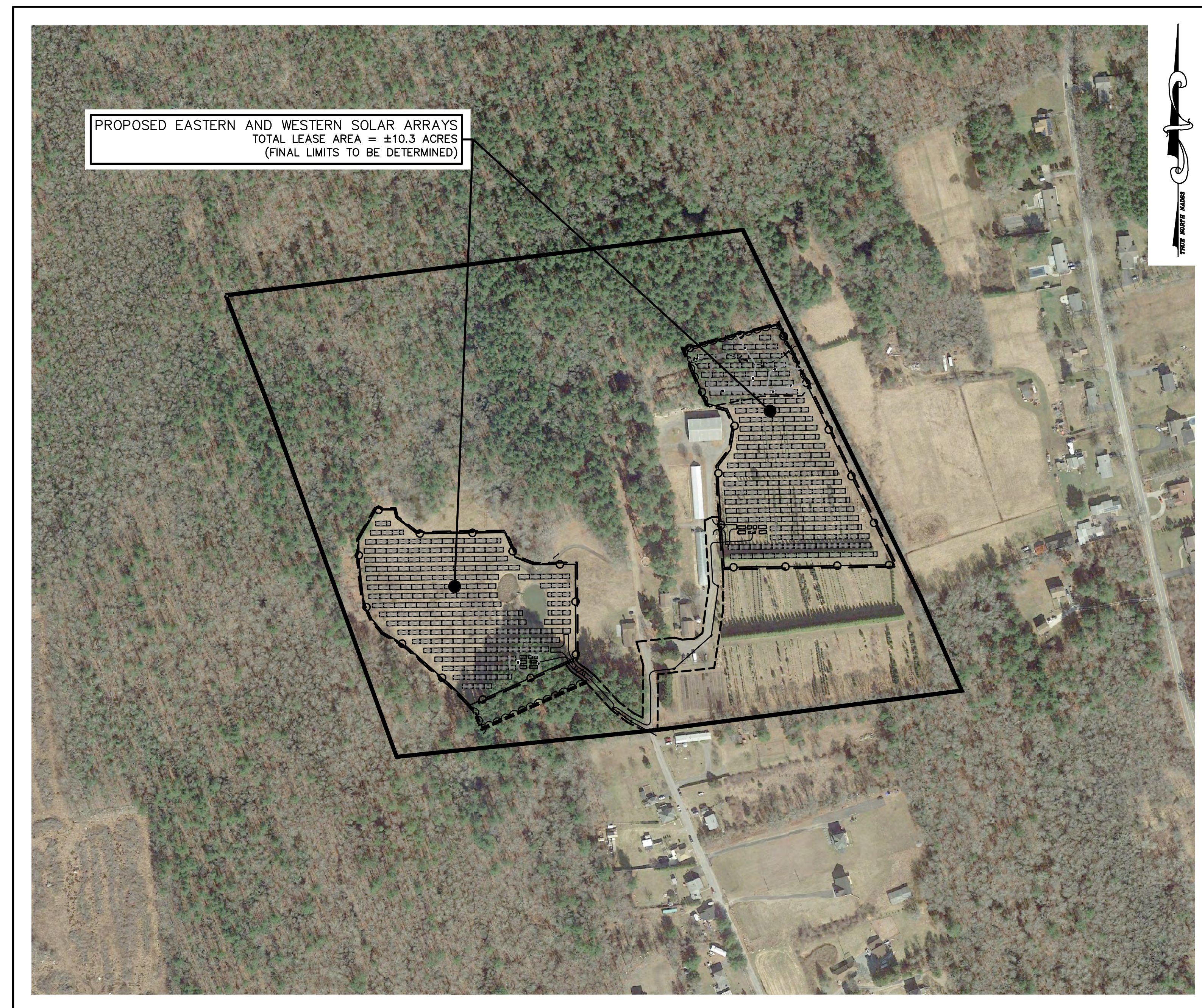
REV: SEPTEMBER 11, 2019



VICINITY MAP
1" = 1,200'



LOCUS MAP
1" = 1,200'



OVERALL LOCATION PLAN
SCALE: 1" = 200'

NOTE:
"THE CONTRACTOR SHALL GIVE SEVEN (7) DAYS' NOTICE TO PERTINENT TOWN DEPARTMENTS BEFORE COMMENCING WORK IN THE FIELD"

INDEX OF PLANS		
SHEET NO.	TITLE	SCALE
1	COVER SHEET	1" = 200'
2	OVERALL EXISTING CONDITIONS PLAN	1" = 80'
3	OVERALL SITE DEVELOPMENT PLAN	1" = 80'
4	SITE DEVELOPMENT PLAN	1" = 40'
5	SITE DEVELOPMENT PLAN	1" = 40'
6	DETAILS PLAN	N.T.S.

OWNER:

HASKELL FAMILY REVOCABLE TRUST
46 CHARITY STEVENS LANE
FAIRHAVEN, MASSACHUSETTS 02719

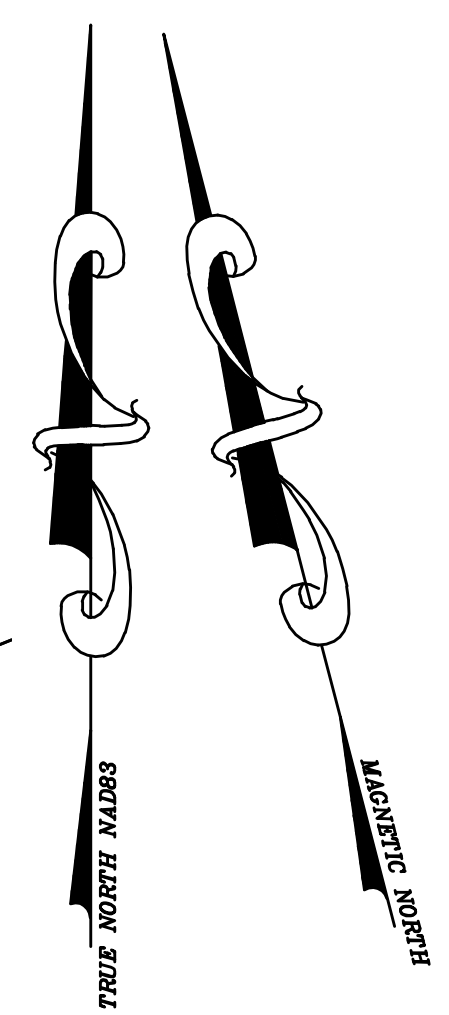
APPLICANT:

FAIRHAVEN MA 4, LLC
C/O CLEAN ENERGY COLLECTIVE, LLC
27 B MIDSTATE DR., SUITE 106
AUBURN, MASSACHUSETTS 01501

ENGINEER:

Atlantic[®]
DESIGN ENGINEERS, INC.
P.O. Box 1051, Sandwich, MA 02563
(508) 888 - 9282





LEGEND	
	EXISTING 1 FOOT CONTOUR LINE
	EXISTING 5 FOOT CONTOUR LINE
	EXISTING EDGE OF GRAVEL
	EXISTING WATER LINE
	EXISTING STONE WALL
	EXISTING VINYL FENCE
	EXISTING WIRE FENCE
	EXISTING MAILBOX
	EXISTING TREE LINE
	EXISTING CONCRETE
	EXISTING TREE
	EXISTING UTILITY POLE
	EXISTING OVERHEAD WIRE
	EXISTING GUY WIRE
	EXISTING WELL
	EXISTING 100' WETLAND BUFFER
	EXISTING WETLAND LINE

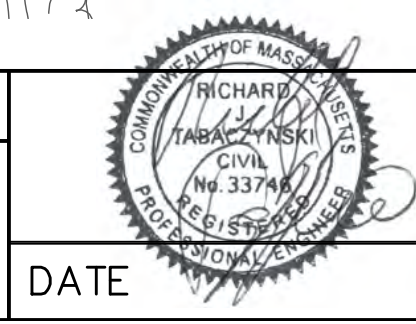
GENERAL NOTES:

- OWNER OF RECORD: DAVID HASKELL, TRUSTEE
HASKELL FAMILY REVOCABLE TRUST
46 CHARITY STEVENS LANE
FAIRHAVEN, MA 02719
BOOK 10196 PAGE 70
- THE SUBJECT PROPERTY IS SHOWN AS LOT 8.0 ON THE TOWN OF FAIRHAVEN'S ASSESSOR MAP 40, LAND AREA IS APPROXIMATELY ±45.9 ACRES.
- THE PROPERTY LIES WITHIN A RURAL RESIDENTIAL DISTRICT BASED UPON A REVIEW OF THE TOWN OF FAIRHAVEN ZONING MAP AND PROPERTY CARD. THE PROPERTY ALSO LIES WITHIN THE NASKTUCKET RIVER BASIN OVERLAY DISTRICT.
- THE PROPERTY LINES FOR MAP 40 LOT 8.0 SHOWN HEREON, ARE A RESULT OF A BOUNDARY SURVEY COMPLETED BY ATLANTIC DESIGN ENGINEERS IN JUNE 2019 AND PLANS AND DEEDS RECORDED IN BRISTOL COUNTY SOUTH REGISTRY OF DEEDS.
- EXISTING CONDITIONS DEPICTED HEREON ARE BASED UPON PARTIAL FIELD SURVEYS BY ATLANTIC DESIGN ENGINEERS IN JUNE AND AUGUST 2019. THE MASSACHUSETTS GEOGRAPHIC INFORMATION SYSTEM, THE FAIRHAVEN GEOGRAPHIC INFORMATION SYSTEM AND INFORMATION OBTAINED FROM PUBLIC RECORDS.
- THE PROPERTY LIES WITHIN FLOOD ZONE X BASED UPON A REVIEW OF THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) FLOOD INSURANCE RATE MAP (FIRM) MAP NUMBER 2500500411F, DATED JULY 7, 2009.
- THE WETLAND RESOURCE AREAS SHOWN HEREON ARE BASED UPON DELINEATION BY GODDARD CONSULTING LLC, IN MAY OF 2019 WITH ADJUSTMENTS IN AUGUST 2019 AND FIELD SURVEYS BY ATLANTIC DESIGN ENGINEERS IN MAY AND AUGUST 2019.
- THE PROPERTY IS NOT LOCATED WITHIN A ZONE II BASED UPON A REVIEW OF THE MASSACHUSETTS GEOGRAPHIC INFORMATION SYSTEM.
- THE PROPERTY IS NOT LOCATED WITHIN AN ESTIMATED AND HABITAT OF RARE WILDLIFE AND A PRIORITY HABITAT OF RARE SPECIES BASED UPON A REVIEW OF THE NATURAL HERITAGE AND ENDANGERED SPECIES PROGRAM MAPS OBSERVED ON THE MASSACHUSETTS GEOGRAPHIC INFORMATION SYSTEM.
- THE PROPERTY DOES NOT LIE WITHIN AN AREA OF CRITICAL ENVIRONMENTAL CONCERN (ACEC) BASED UPON A REVIEW OF THE MASSACHUSETTS GEOGRAPHIC INFORMATION SYSTEM.

Atlantic DESIGN ENGINEERS, INC.
P.O. Box 1051, Sandwich, MA 02563 (508) 888 - 9282

Designed by : _____
 Drawn by : _____
 Checked by : _____
 Survey chk. by : _____
 Approved by : _____

SCALE
SCALE 1" = 80'
0 20 40 80 160

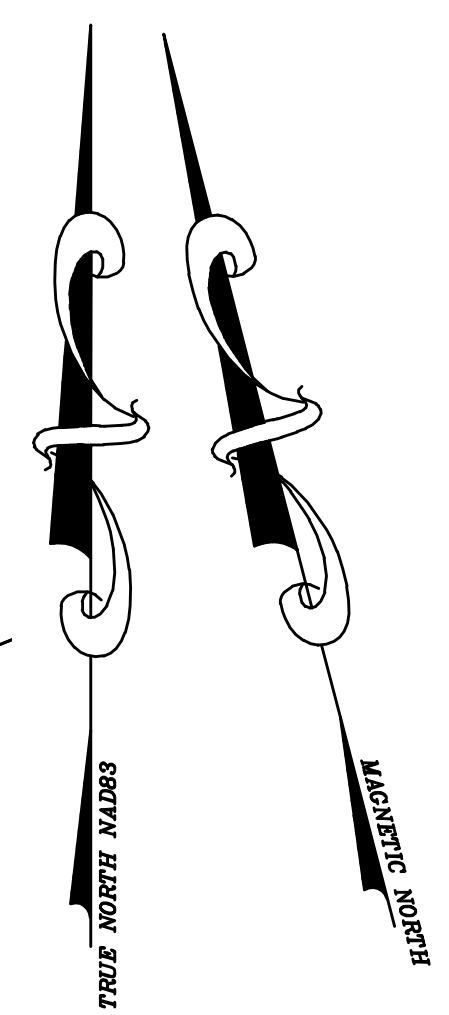


NO.	BY	DATE	REVISION
1	JCE	9-11-19	UPDATED BUFFER ZONES PER CONCOM

APPLICANT:
FAIRHAVEN MA 4, LLC
 c/o CLEAN ENERGY COLLECTIVE, LLC.
 27 B MIDSTATE DR, SUITE 106
 AUBURN, MASSACHUSETTS 01501

OVERALL EXISTING CONDITIONS PLAN
 FOR
46 CHARITY STEVENS LANE SOLAR PROJECT
 FAIRHAVEN, MASSACHUSETTS
 AUGUST 23, 2019

FILE: 3119.01-SITE-R1
Sheet of
2 of 6
JOB NUMBER
3119.01



LEGEND	
	EXISTING 1 FOOT CONTOUR LINE
	EXISTING 5 FOOT CONTOUR LINE
	EXISTING EDGE OF GRAVEL
	EXISTING WATER LINE
	EXISTING VINYL FENCE
	EXISTING WIRE FENCE
	EXISTING MAILBOX
	EXISTING TREE LINE
	EXISTING CONCRETE
	EXISTING TREE
	EXISTING UTILITY POLE
	EXISTING OVERHEAD WIRE
	EXISTING GUY WIRE
	EXISTING WELL
	EXISTING 100' WETLAND BUFFER
	EXISTING WETLAND LINE
	PROPOSED TREELINE/LIMITS OF CLEARING
	PROPOSED CHAIN LINK FENCE
	PROPOSED OVERHEAD WIRES
	PROPOSED 1 FOOT CONTOUR
	PROPOSED 5 FOOT CONTOUR
	PROPOSED EROSION CONTROL BARRIER
	PROPOSED UNDERGROUND ELECTRIC
	PROPOSED UTILITY POLE

ZONING REQUIREMENTS		
TOWN OF FAIRHAVEN ZONING BYLAWS; REVISED THROUGH MAY 6, 2017		
RURAL RESIDENCE DISTRICT (RR)		
AND WITHIN NASKETUCKET RIVER BASIN OVERLAY DISTRICT		
MINIMUM LOT AREA:	REQUIRED 30,000 S.F.	PROVIDED ±1,999,404 S.F. (3)
MINIMUM FRONTAGE AT STREET:	140 FEET	- (1)
CONTIGUOUS UPLAND:	24,000 S.F.	>24,000 S.F.
BUILDING SETBACKS:		
FRONT YARD:	30 FEET	160.4 FEET (3)
SIDE YARD:	20 FEET	51.0 FEET (3)
REAR YARD:	30 FEET	293.6 FEET (3)
MAXIMUM BUILDING HEIGHT:	35 FEET	<35 FEET
MAXIMUM LOT COVERAGE:	25%	<2% (2)
MAXIMUM BUILDING COVERAGE:	15%	<1%

- (1) IN COMPLIANCE 100 FOOT RELIEF GRANTED BY VARIANCE BY THE FAIRHAVEN ZONING BOARD OF APPEALS AND RECORDED AT THE BRISTOL SOUTH COUNTY REGISTRY OF DEEDS ON 8-9-19 IN BOOK 12886, PAGE 348.
- (2) BASED UPON EXISTING SITE FEATURES AND PROPOSED 3" DIAMETER SCREW ANCHORS AT 1752 POST LOCATIONS AND PROPOSED CONCRETE EQUIPMENT PADS.
- (3) SEE PROPOSED LARGE SCALE GROUND MOUNTED SOLAR PHOTOVOLTAIC INSTALLATIONS TABLE FOR ADDITIONAL SETBACK REQUIREMENTS.

LARGE SCALE GROUND MOUNTED SOLAR PHOTOVOLTAIC INSTALLATIONS		
MINIMUM LOT AREA:	REQUIRED 10 ACRES (1)	PROVIDED ±46 ACRES
MINIMUM YARDS:		
FRONT:	75 FEET	160.4 FEET
SIDE:	50 FEET	51.0 FEET
REAR:	50 FEET	293.6 FEET

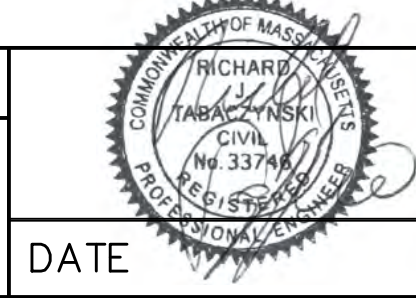
(1) MINIMUM REQUIRED IN RR DISTRICT.

SEE SHEET 6 FOR CONSTRUCTION NOTES

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Survey chk. by : _____
Approved by : _____

SCALE
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0 20 40 80 160

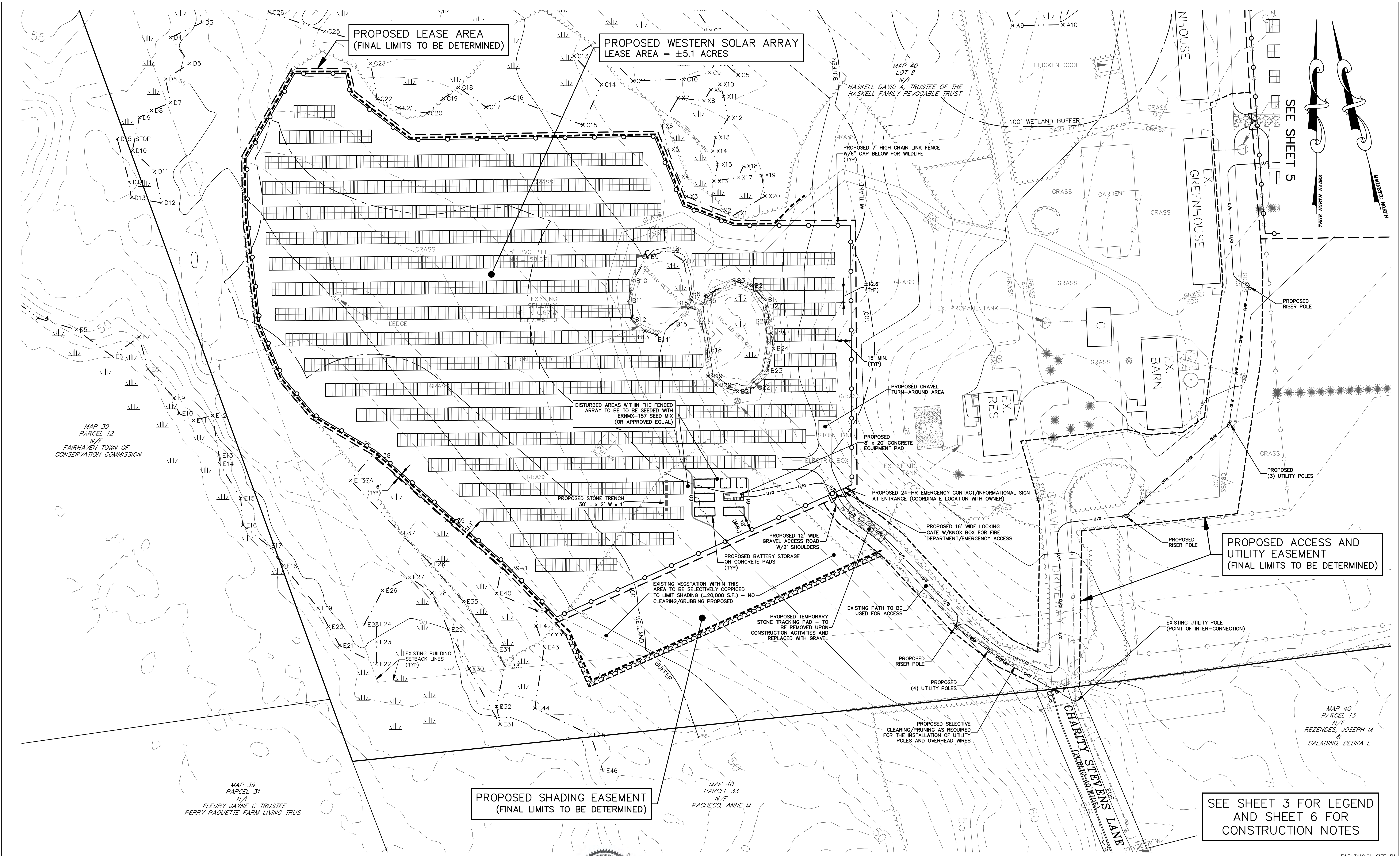


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OVERALL SITE DEVELOPMENT PLAN
FOR
46 CHARITY STEVENS LANE SOLAR PROJECT
FAIRHAVEN, MASSACHUSETTS
AUGUST 23, 2019

FILE: 3119.01-SITE-R1
Sheet of
3 of **6**
JOB NUMBER
3119.01



PROPOSED LEASE AREA
(FINAL LIMITS TO BE DETERMINED)

PROPOSED WESTERN SOLAR ARRAY
LEASE AREA = ±5.1 ACRES

PROPOSED ACCESS AND
UTILITY EASEMENT
(FINAL LIMITS TO BE DETERMINED)

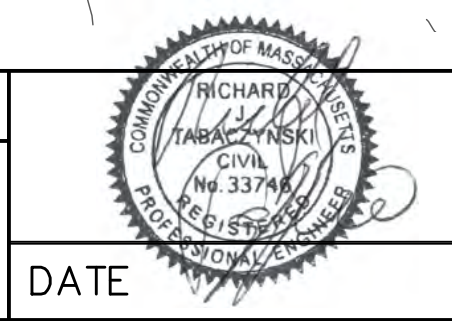
PROPOSED SHADING EASEMENT
(FINAL LIMITS TO BE DETERMINED)

SEE SHEET 3 FOR LEGEND
AND SHEET 6 FOR
CONSTRUCTION NOTES

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SCALE
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0 10 20 40 80



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46 CHARITY STEVENS LANE SOLAR PROJECT
 FAIRHAVEN, MASSACHUSETTS
 AUGUST 23, 2019

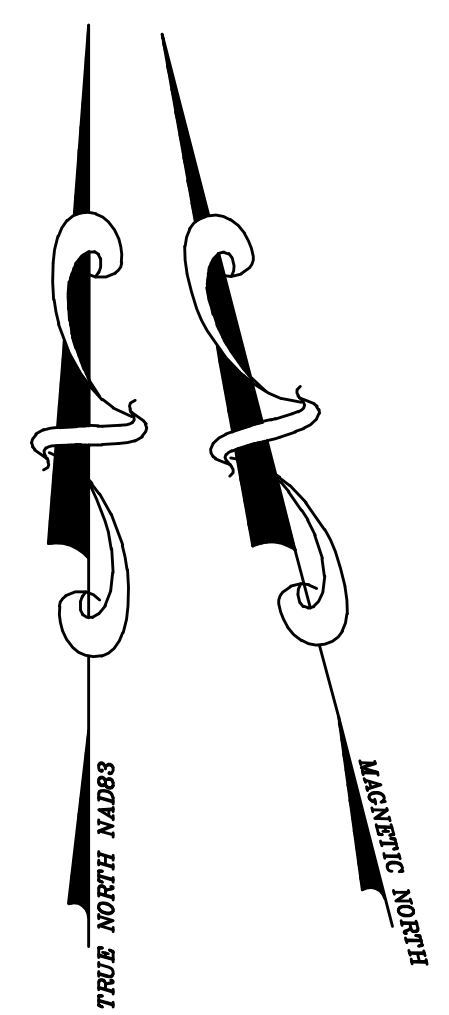
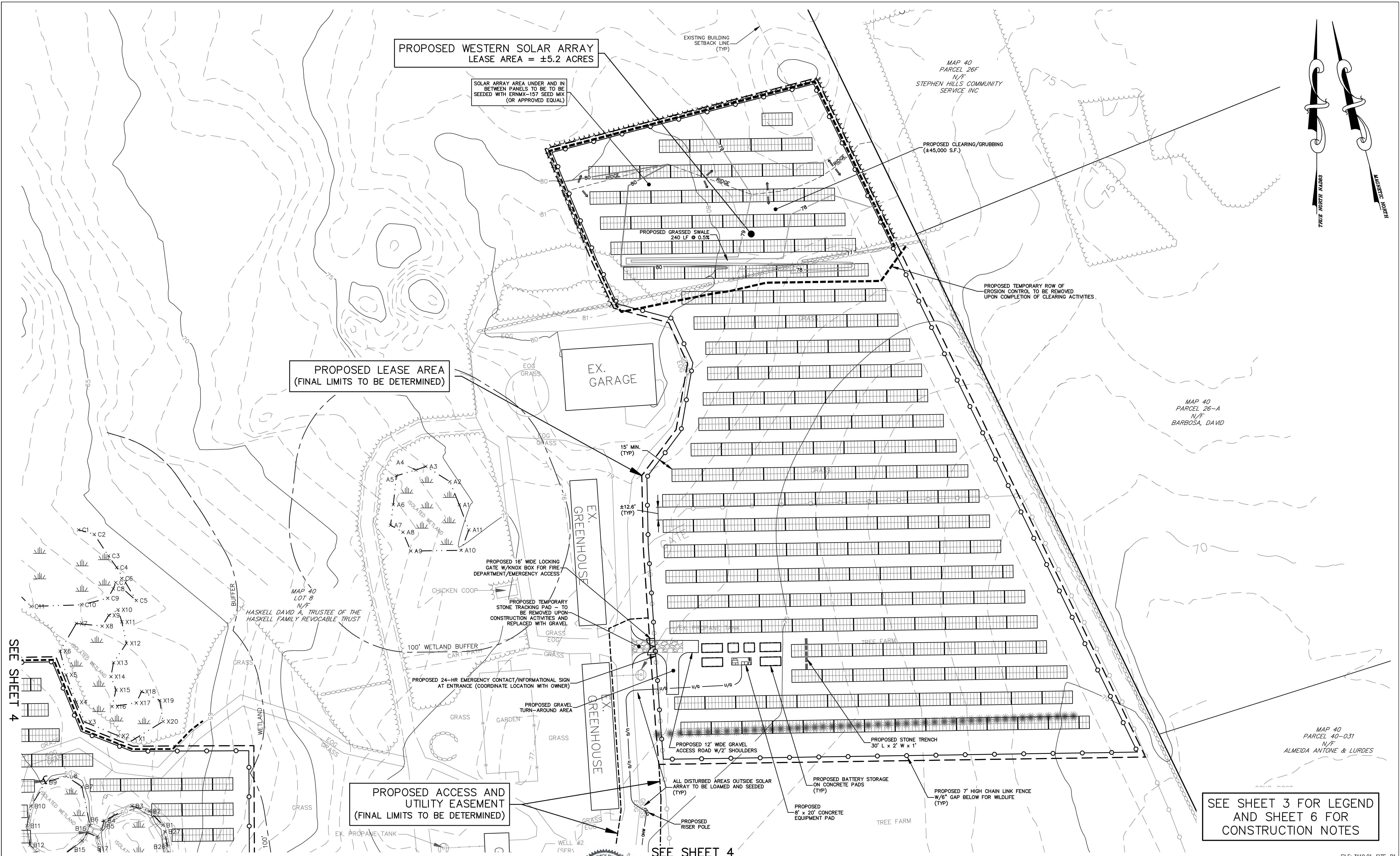
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	4	6
JOB NUMBER	3119.01	

PROPOSED WESTERN SOLAR ARRAY
LEASE AREA = ±5.2 ACRES

SOLAR ARRAY AREA UNDER AND IN
BETWEEN PANELS TO BE TO BE
SEEDED WITH ERNMX-157 SEED MIX
(OR APPROVED EQUAL)

PROPOSED LEASE AREA
(FINAL LIMITS TO BE DETERMINED)

PROPOSED ACCESS AND
UTILITY EASEMENT
(FINAL LIMITS TO BE DETERMINED)



SEE SHEET 4

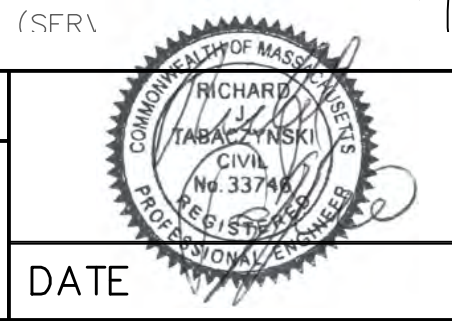
SEE SHEET 4

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AND SHEET 6 FOR
CONSTRUCTION NOTES

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	5	6
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Honey Bee Forage Mix

Mix Composition

- 20.0% *Melilotus alba* (Sweetclover, White Blossom)
- 20.0% *Trifolium pratense*, Medium, Variety Not Stated (Red Clover, Medium, Variety Not Stated)
- 15.0% *Trifolium incarnatum*, Variety Not Stated (Crimson Clover, Variety Not Stated)
- 15.0% *Trifolium repens*, Dutch (White Clover, Dutch)
- 10.0% *Melilotus officinalis* (Yellow Blossom Sweetclover)
- 10.0% *Trifolium hybridum* (Alsike Clover)
- 10.0% *Trifolium michelianum*, 'Fixation' (Balansa Clover, 'Fixation')

General Product Information:

A pasture mix for honey bees composed of clovers and sweetclovers. Mix formulations are subject to change without notice depending on the availability of existing and new products. While the formula may change, the guiding philosophy and function of the mix will not.

APPROPRIATE AMOUNT OF RYE SEED MIX TO BE ADDED

PROPOSED SEED MIX SPECIFICATIONS

Item Number: ERNMX-157
 Product Categories: Pollinator Favorites, Wildlife Habitat & Food Plots
 Height: 1.0 - 6.0 Ft
 Seeding Rate: 10 lb per acre



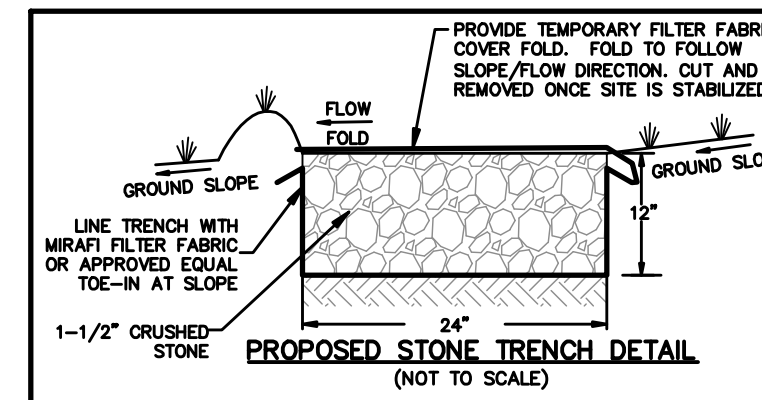
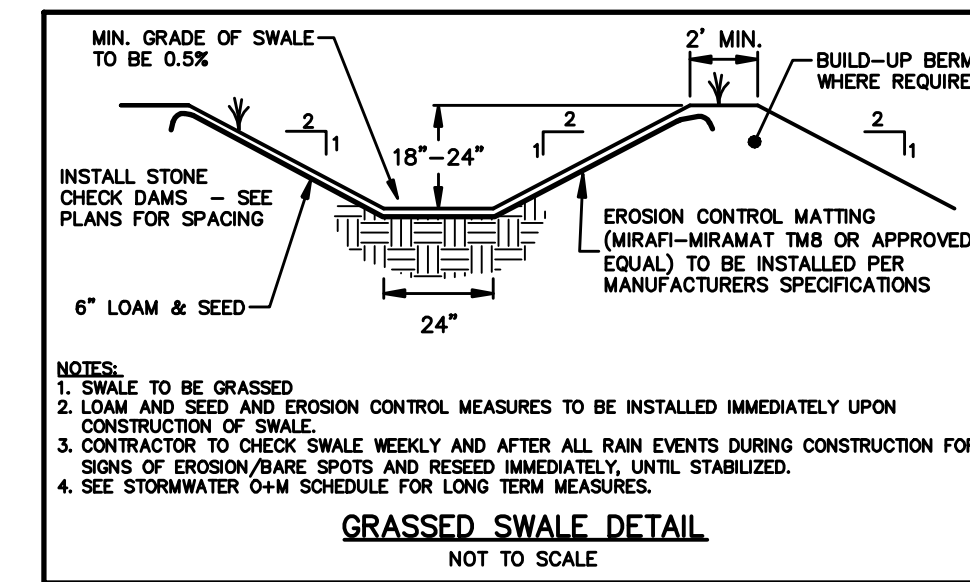
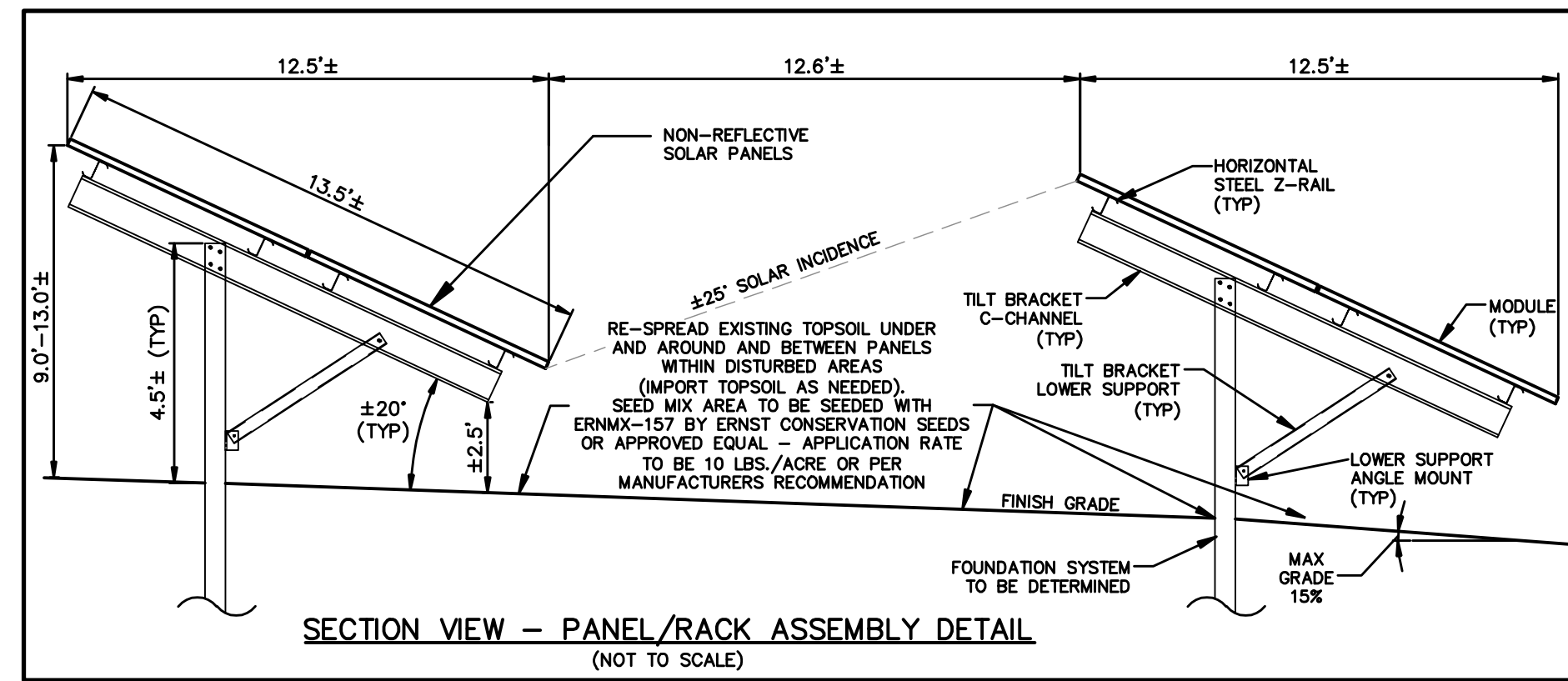
46 Charity Stevens Lane
 Fairhaven, MA 02719
 24-Hour Emergency Contact #:
 844-232-7253

CleanEnergyCo.com

NOTE - SIGNAGE TO CONFORM TO LOCAL SIGNAGE REQUIREMENTS. FINAL SIGN DESIGN TO BE SUBMITTED AS PART OF BUILDING PERMIT APPLICATION PACKAGE.

TYPICAL SITE INFORMATION/24-HR EMERGENCY CONTACT SIGN

(NOT TO SCALE)



SEDIMENT AND EROSION CONTROL NOTES:

- PRIOR TO COMMENCING SITE WORK OR EARTHWORK OPERATIONS, INSTALL SEDIMENT CONTROL BARRIERS AND MAINTAIN THROUGHOUT CONSTRUCTION.
- ALL DISTURBED AREAS SHALL BE LOAMED AND SEEDED IMMEDIATELY UPON COMPLETION OF CONSTRUCTION.
- ALL MATERIALS AND STOCKPILES SHALL BE STORED ON LEVEL AREAS OUTSIDE OF ANY FLOOD ZONES, WETLANDS OR BUFFER ZONE AREAS. ALL STOCKPILES SHALL BE SURROUNDED BY SILT SOCK. SHALL HAVE SLOPES NO GREATER THAN 3:1. SHALL BE SEEDED OR STABILIZED IF LEFT UNDISTURBED FOR TWO WEEKS OR MORE.
- SEDIMENTATION CONTROL DEVICES AND EROSION CONTROL BARRIERS SHALL BE INSPECTED WEEKLY AND MAINTAINED AS NECESSARY THROUGHOUT ALL PHASES OF CONSTRUCTION AND PROMPTLY AFTER EACH RAINFALL.
- ANY SLOPE STEEPER THAN 3:1 SHALL BE EQUIPPED WITH SLOPE STABILIZATION FABRIC OR EROSION CONTROL MATTING.
- ADDITIONAL SEDIMENT CONTROL MEASURES SHALL BE INSTITUTED AS CONDITIONS WARRANT OR AS DIRECTED BY THE ENGINEER AND/OR THE TOWN.
- THE CONTRACTOR MUST REPAIR OR RE-SEED ANY AREAS THAT DO NOT DEVELOP WITHIN A PERIOD OF ONE YEAR AT NO ADDITIONAL EXPENSE TO THE OWNER.
- MATERIAL STOCKPILES SHALL NOT BE LOCATED WITHIN THE PATH OF EXISTING OR PROPOSED WATERCOURSES (BOTH TEMPORARY OR PERMANENT) OR THOSE AREAS SUBJECT TO STORM WATER FLOW.
- SEDIMENT CONTROL DEVICES AND SEDIMENT CONTROL BARRIERS MAY BE REMOVED ONLY AFTER THE SITE HAS BEEN STABILIZED AND APPROVED BY THE CONSERVATION COMMISSION.
- ALL DISTURBED OR EXPOSED AREAS SUBJECT TO EROSION, WHICH REMAIN UNDISTURBED BUT INACTIVE FOR AT LEAST 14 DAYS, SHALL RECEIVE TEMPORARY SEEDING IN ACCORDANCE WITH THE MASSACHUSETTS EROSION AND SEDIMENT CONTROL GUIDELINES. IN ALL CASES, STABILIZATION MEASURES SHALL BE IMPLEMENTED AS SOON AS POSSIBLE IN ACCORDANCE WITH THE MASSACHUSETTS EROSION AND SEDIMENT CONTROL GUIDELINES.
- EARTHWORK ACTIVITY ON THE SITE SHALL BE DONE IN A MANNER SUCH THAT RUNOFF IS DIRECTED AWAY FROM ADJUTING STRUCTURES, PROPERTY, ETC.
- THE CONTRACTOR SHALL KEEP ON FILE AT ALL TIMES ADDITIONAL SILT SOCK AND EXTRA SILTATION FENCING FOR INSTALLATION AT THE DIRECTION OF THE ENGINEERS, CONSERVATION COMMISSION, OR THE BOARD TO MITIGATE ANY EMERGENCY CONTROL.
- REFER TO CONSTRUCTION DETAILS FOR ADDITIONAL EROSION CONTROL MEASURES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SITING, RELOCATION AND AUGMENTATION OF SEDIMENT AND EROSION CONTROL DEVICES AS THE PROJECT PROGRESSES AND THE SITE DRAINAGE CONDITIONS CHANGE.
- THE CONTRACTOR SHALL MINIMIZE THE AREA OF DISTURBED SOIL. EFFORTS SHALL BE MADE TO LIMIT THE TIME OF EXPOSURE OF DISTURBED AREAS.
- ANY DISTURBED SOILS NOT PERMANENTLY STABILIZED PRIOR TO OCTOBER 15 OF ANY YEAR SHALL BE TEMPORARILY STABILIZED TO PREVENT EROSION UNTIL ACTIVE USE RESUMES.

CONSTRUCTION PERIOD STORMWATER OPERATION AND MAINTENANCE:

SCHEDULE:

SEDIMENT CONTROL BARRIERS:

SEDIMENT CONTROL BARRIERS (SILT SOCK, ETC.) SHOULD BE INSPECTED IMMEDIATELY AFTER EACH RUN-OFF PRODUCING RAINFALL EVENT AND AT LEAST DAILY DURING PROLONGED RAINFALL. SEDIMENT DEPOSITS MUST BE REMOVED WHEN THE LEVEL OF DEPOSITION REACHES APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER. SEDIMENT SHOULD BE DISPOSED OF IN A SUITABLE AREA AND PROTECTED FROM EROSION BY EITHER STRUCTURAL OR VEGETATIVE MEANS.

STONE TRACKING PAD:

THE CONSTRUCTION ENTRANCE TRACKING PADS SHOULD BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOW OF SEDIMENT ONTO THE PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE. THE ENTRANCE PAD SHOULD BE INSPECTED WEEKLY AT A MINIMUM, AFTER MAJOR STORM EVENTS (2" OR GREATER) AND DURING PERIODS OF HEAVY USE. WHEN MUD AND SOIL PARTICLES CLOG THE VOIDS IN THE GRAVEL, THE PAD SHOULD BE TOP DRESSED WITH NEW STONE OR REPLACED COMPLETELY, WHERE SEDIMENT HAS BEEN TRACKED-OUT FROM YOUR SITE ONTO PAVED ROADS, SIDEWALKS, OR OTHER PAVED AREAS OUTSIDE OF YOUR SITE. REMOVE THE DEPOSITED SEDIMENT BY THE END OF THE SAME BUSINESS DAY IN WHICH THE TRACK-OUT OCCURS OR BY THE END OF THE NEXT BUSINESS DAY IF TRACK-OUT OCCURS ON A NON-BUSINESS DAY. REMOVE THE TRACK-OUT BY SWEEPING, SHOVELING, OR VACUUMING THESE SURFACES, OR BY USING OTHER SIMILARLY EFFECTIVE MEANS OF SEDIMENT REMOVAL. YOU ARE PROHIBITED FROM HOSSING OR SWEEPING TRACKED-OUT SEDIMENT INTO ANY STORMWATER CONVEYANCE, STORM DRAIN INLET, OR WATER OF THE U.S.

GRASSSED SWALE:

DURING CONSTRUCTION GRASSSED SWALES SHALL BE INSPECTED IMMEDIATELY AFTER EACH RUN-OFF PRODUCING RAINFALL EVENT AND AT LEAST DAILY DURING PROLONGED RAINFALL. AFTER CONSTRUCTION, INSPECT AT A MINIMUM OF TWICE A YEAR, OR AFTER MAJOR STORM EVENTS (2" OR GREATER). REPAIR ERODED SPOTS IMMEDIATELY AFTER INSPECTION. ADDITIONAL INSPECTIONS SHOULD BE SCHEDULED DURING THE FIRST FEW MONTHS TO ENSURE THAT THE VEGETATION IN THE CHANNELS IS ESTABLISHED. ACCUMULATED SEDIMENT SHALL BE REMOVED AT LEAST ONCE A YEAR OR BEFORE IT EXCEEDS 0.5' IN DEPTH, WHOEVER OCCURS FIRST. SWALES SHALL BE MOWED AS NEEDED. CLIPPINGS TO BE REMOVED FROM SWALES, AREAS IMMEDIATELY UP-GRADE AND PROPERLY DISPOSED OF.

STONE TRENCH:

INSPECT AFTER EVERY MAJOR STORM EVENT (2" OR GREATER) DURING CONSTRUCTION. ONCE SITE IS STABILIZED AND RE-VEGETATED, CUT AWAY TEMPORARY COVER FOLD AND INSPECT FOR THE FIRST FEW MONTHS AFTER CONSTRUCTION TO ENSURE PROPER STABILIZATION AND FUNCTION. THEREAFTER INSPECT AT LEAST TWICE PER YEAR DURING WET WEATHER TO ENSURE THE SYSTEM IS WORKING PROPERLY. REMOVE SEDIMENT AS NECESSARY DURING CONSTRUCTION, AND AT LEAST EVERY FIVE YEARS AFTER CONSTRUCTION. ONCE CONSTRUCTION IS COMPLETED CHECK FOR ACCUMULATION OF SEDIMENT, DEBRIS AND LEAF LITTER TWICE A YEAR THEREAFTER.

NOTES:

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER INSPECTION AND MAINTENANCE OF ALL STORMWATER AND EROSION CONTROL FACILITIES UNTIL THE PROJECT CONSTRUCTION IS COMPLETED. THE CONTRACTOR SHALL CLEAN ALL COMPONENTS OF THE STORMWATER MANAGEMENT SYSTEM AT THE COMPLETION OF CONSTRUCTION, IMMEDIATELY PRIOR TO TURNING OVER OPERATION AND MAINTENANCE RESPONSIBILITY TO THE PROJECT PROPONENT.
- UPON COMPLETION OF CONSTRUCTION, THE OPERATION AND MAINTENANCE OF ALL COMPONENTS OF THE STORMWATER MANAGEMENT SYSTEM WILL BE THE RESPONSIBILITY OF THE SYSTEM OWNER.

FAIRHAVEN MA 4, LLC
 c/o CLEAN ENERGY COLLECTIVE, LLC.
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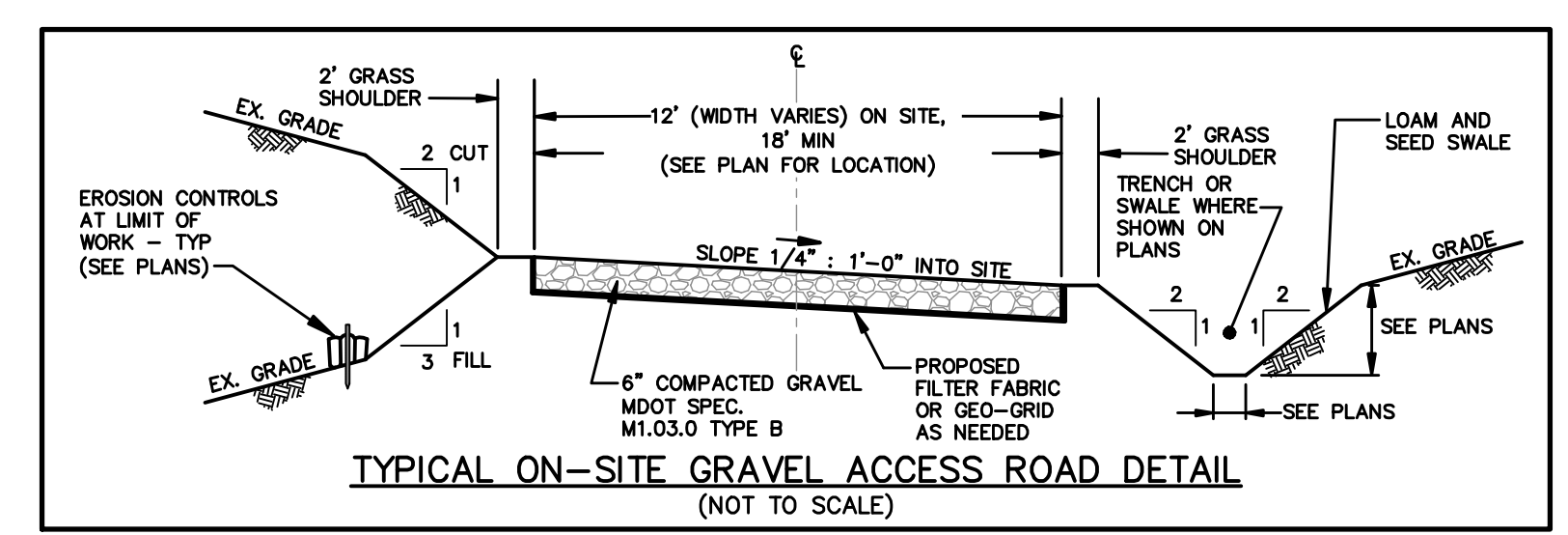
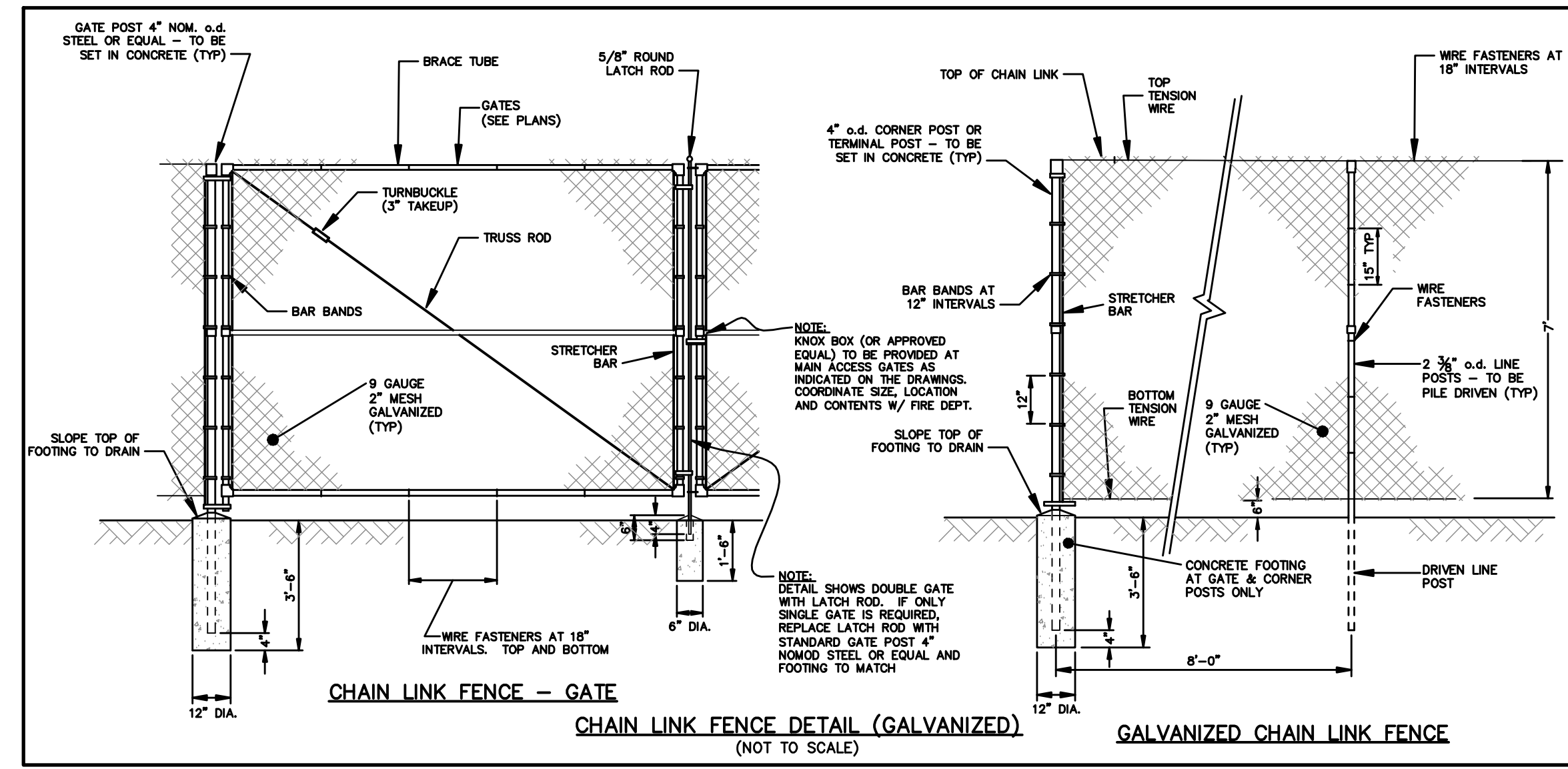
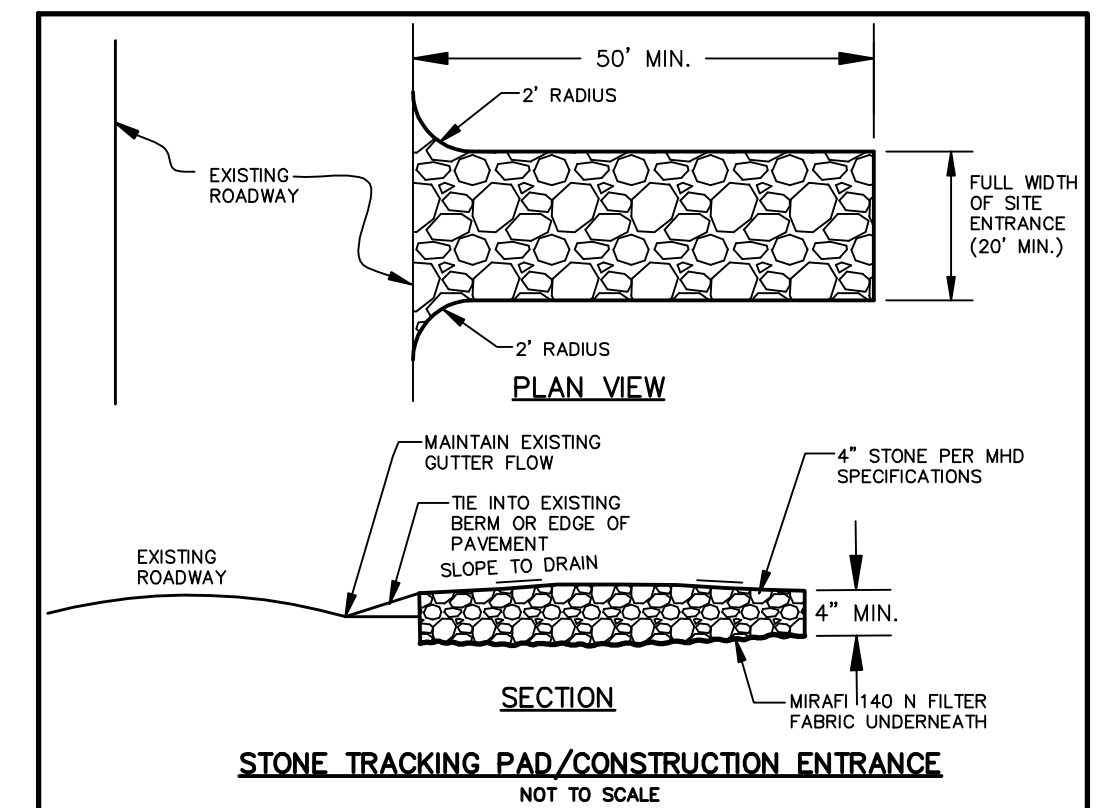
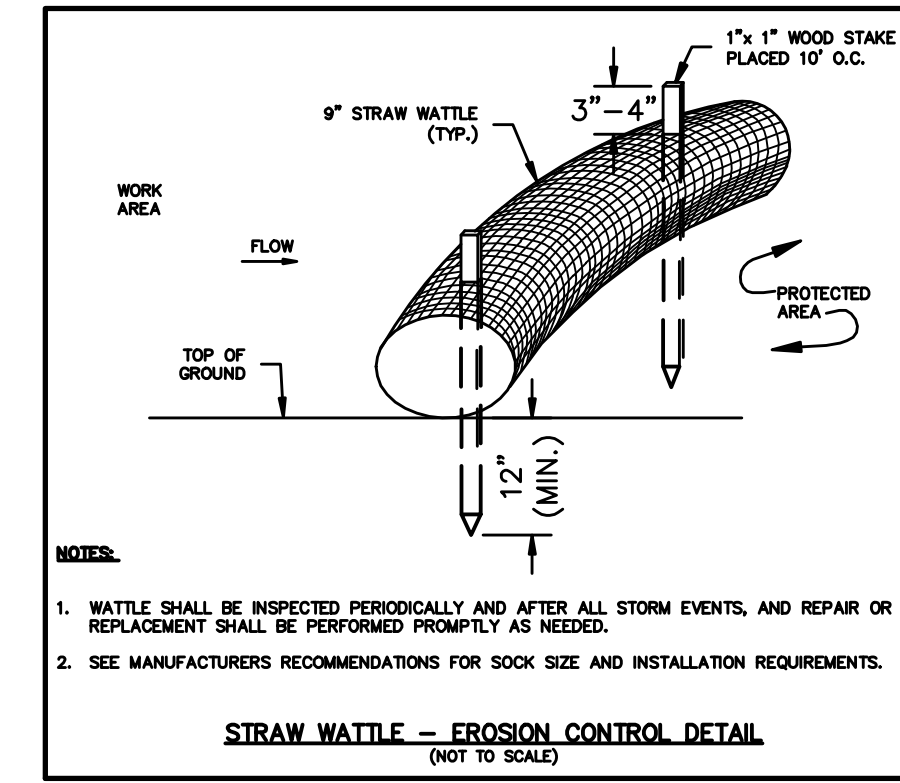
THE SYSTEM OWNER SHALL COMPLY WITH THE POST CONSTRUCTION LONG TERM STORMWATER OPERATION AND MAINTENANCE PLAN APPROVED FOR THIS PROJECT.

3. DISPOSAL OF ACCUMULATED SEDIMENT AND HYDROCARBONS TO BE IN ACCORDANCE WITH APPLICABLE LOCAL, STATE AND FEDERAL GUIDELINES AND REGULATIONS.

4. THERE SHALL BE NO ILLICIT DISCHARGE OF ANY WASTE OR WASTE WATER INTO THE STORMWATER MANAGEMENT SYSTEM. THE MAINTENANCE OF THE FACILITY SHALL BE UNDERTAKEN IN SUCH A MANNER AS TO PREVENT ANY DISCHARGE OF WASTE OR WASTE WATER INTO STORMWATER MANAGEMENT SYSTEM. ANY WASTE OIL OR OTHER WASTE PRODUCTS GENERATED DURING MAINTENANCE SHALL BE PROPERLY DISPOSED OF OFF SITE.

CONSTRUCTION NOTES:

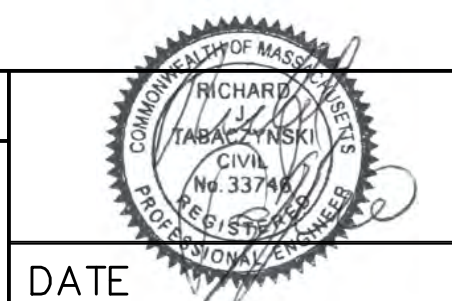
- THE PROPERTY LINES FOR MAP 40 LOT 8.0 SHOWN HEREON, ARE A RESULT OF A BOUNDARY SURVEY COMPLETED BY ATLANTIC DESIGN ENGINEERS IN JUNE 2019 AND PLANS AND DEEDS RECORDED IN BRISTOL COUNTY SOUTH REGISTRY OF DEEDS.
- EXISTING CONDITIONS DEPICTED HEREON ARE BASED UPON A PARTIAL FIELD SURVEY BY ATLANTIC DESIGN ENGINEERS IN JUNE 2019. THE MASSACHUSETTS GEOGRAPHIC INFORMATION SYSTEM, THE FAIRHAVEN GEOGRAPHIC INFORMATION SYSTEM AND INFORMATION OBTAINED FROM PUBLIC RECORDS.
- THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS SHOWN AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES THAT MAY BE FOUND IN THE PLAN.
- CONTRACTOR SHALL VERIFY ALL CRITICAL ELEVATIONS AND INVERTS PRIOR TO CONSTRUCTION.
- WHERE AN EXISTING PUBLIC UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, THE LOCATION, ELEVATION AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED AND THE INFORMATION FURNISHED TO THE UTILITY COMPANY AND OWNER FOR RESOLUTION OF THE CONFLICT.
- SUBSURFACE AND ENVIRONMENTAL CONDITIONS WERE NOT EXAMINED OR CONSIDERED AS PART OF THIS SURVEY. NO STATEMENT IS MADE CONCERNING THE EXISTENCE OF UNDERGROUND OR OVERHEAD CONTAINERS OR FACILITIES THAT MAY AFFECT THE USE OR DEVELOPMENT OF THIS SITE.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY DISAFA, THE TOWN OF FAIRHAVEN DEPARTMENT OF PUBLIC WORKS AND ALL UTILITY COMPANIES TO ENSURE THE EXISTENCE OF UNDERGROUND UTILITIES AND UTILITY COMPANY APPROVALS.
- ALL BUILDINGS, SURFACE, AND SUBSURFACE IMPROVEMENTS ON AREAS ADJACENT TO THE SITE ARE NOT SHOWN HEREON.
- THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVES. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL UTILITIES AND RIM AND INVERTS BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES THAT MIGHT OCCUR BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
- THE CONTRACTOR SHALL MAKE ALL ARRANGEMENTS FOR THE ALTERATION AND ADJUSTMENTS OF ELECTRIC, TELEPHONE AND ANY OTHER PRIVATE UTILITIES WITH THE UTILITY COMPANY, IF NECESSARY. IF ANY INTERRUPTIONS IN SERVICE ARE NECESSARY TO ADJUTING PRIVATE OWNERS, A MINIMUM OF 48 HOURS NOTICE SHALL BE GIVEN.
- THE CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL MEASURES IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AND MASSACHUSETTS HIGHWAY DEPARTMENT REQUIREMENTS FOR ALL WORK WITHIN PUBLIC STREETS.
- AREAS OUTSIDE THE LIMITS OF PROPOSED WORK DISTURBED BY THE CONTRACTOR'S OPERATION SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR IS RESPONSIBLE TO ENSURE THAT ALL REQUIRED INSPECTIONS AND/OR CERTIFICATIONS REQUIRED BY CODES AND/OR UTILITY COMPANIES ARE COMPLETED PRIOR TO INSTALLATION, BACKFILLING, ANNOUNCED BUILDING POSSESSION, AND THE FINAL CONNECTION OF SERVICES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL SURVEY CONTROL POINTS AND BENCHMARKS NECESSARY FOR THE PROPOSED WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ADEQUATE RECORDS OF THE LOCATION AND ELEVATION OF ALL WORK INSTALLED.
- THE CONTRACTOR SHALL INSTITUTE AND MAINTAIN ALL SAFETY MEASURES NECESSARY TO PROTECT THE PUBLIC DURING CONSTRUCTION, INCLUDING, BUT NOT LIMITED TO BARRICADES, SIGNS, FENCES, FLAGGERS, LIGHTING, POLICE DETAIL, AND ANY OTHER MEANS AS DIRECTED BY THE TOWN. NO TRENCHES ARE TO REMAIN OPEN OVERNIGHT.
- THE CONTRACTOR SHALL KEEP THE PREMISES FREE FROM THE ACCUMULATION OF WASTE MATERIAL AND OTHER DEBRIS RESULTING FROM THE WORK. AT THE END OF CONSTRUCTION THE CONTRACTOR SHALL REMOVE ALL CONSTRUCTION DEBRIS AND SURPLUS MATERIALS FROM THE SITE. A THOROUGH INSPECTION OF THE WORK PERIMETER IS TO BE MADE AND ALL DISCARDED MATERIALS, BLOWN OR WATER CARRIED DEBRIS, SHALL BE COLLECTED AND REMOVED FROM THE SITE.
- ALL WORK SHALL BE DONE IN STRICT COMPLIANCE WITH ALL APPROVED PERMITS AND WITH ALL APPLICABLE NATIONAL, STATE, AND LOCAL CODES, STANDARDS, ORDINANCES, RULES AND REGULATIONS.
- CONTRACTOR TO DESIGNATE A SPECIFIC AREA FOR COMBUSTIBLE MATERIALS, APPROVED BY THE FIRE DEPARTMENT, SO THAT COMBUSTIBLES ARE NOT SPREAD THROUGHOUT THE CONSTRUCTION SITE.
- THE CONTRACTOR AND OWNER ARE RESPONSIBLE FOR COMPLIANCE WITH STORMWATER POLLUTION PREVENTION PLAN (SWPPP) FOR CONSTRUCTION ACTIVITIES FOR THIS PROJECT.



Atlantic DESIGN ENGINEERS, INC.
 P.O. Box 1051, Sandwich, MA 02563 (508) 888 - 9282

Designed by : _____
 Drawn by : _____
 Checked by : _____
 Survey chk. by : _____
 Approved by : _____

SCALE
 AS NOTED



NO.	BY	DATE	REVISION
1	JCE	9-11-19	UPDATED BUFFER ZONES PER CONCOM

APPLICANT:
 FAIRHAVEN MA 4, LLC
 c/o CLEAN ENERGY COLLECTIVE, LLC.
 27 B MIDSTATE DR, SUITE 108
 AUBURN, MASSACHUSETTS 01501

DETAILS PLAN
 FOR
 46 CHARITY STEVENS LANE SOLAR PROJECT
 FAIRHAVEN, MASSACHUSETTS
 AUGUST 23, 2019

FILE: 3119.01-DET-R1

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