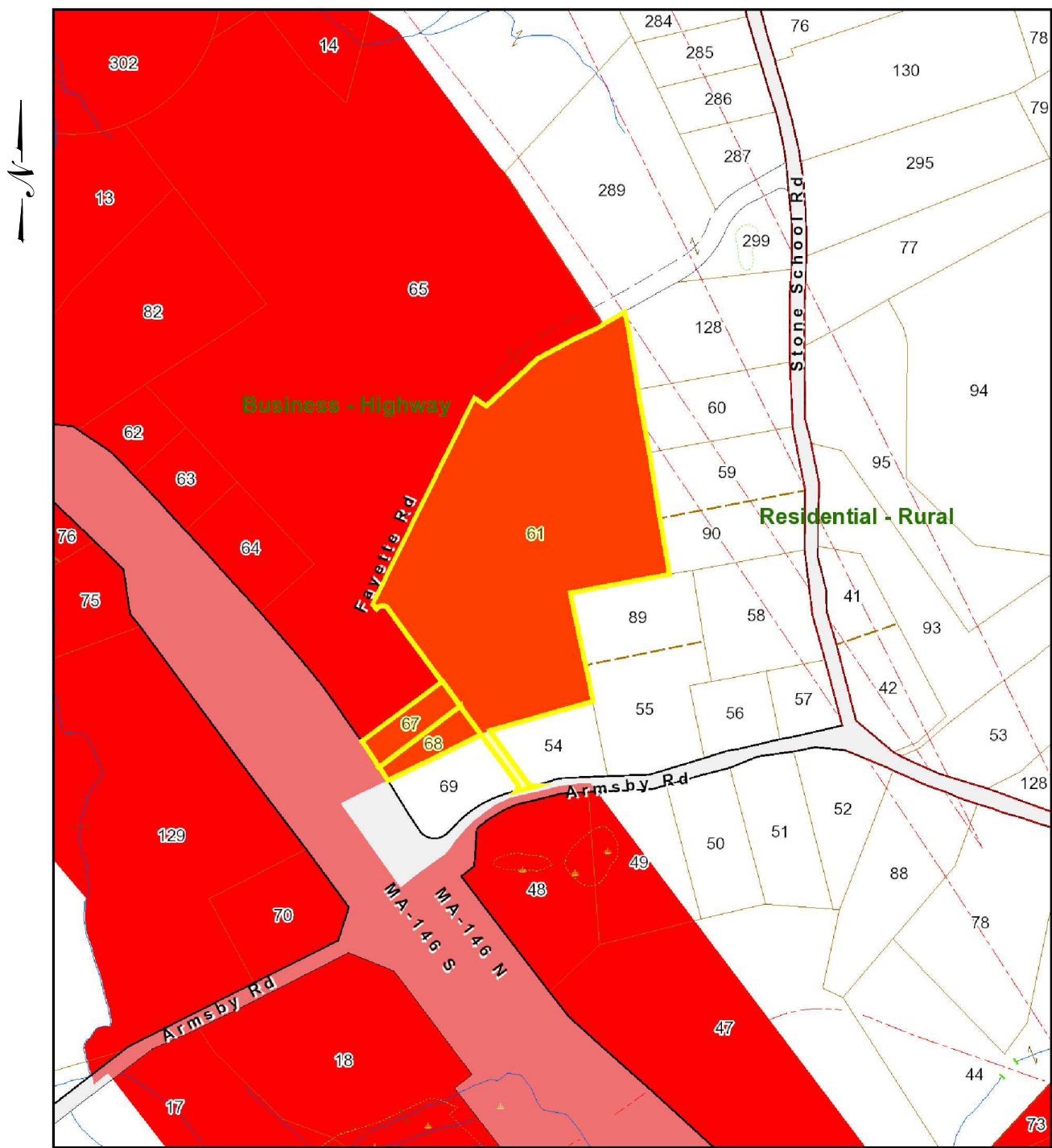


ZONING & PARCEL MAP



SCALE : 1" = 400'±

SOURCE: TOWN OF SUTTON WEBSITE

LIST OF DRAWINGS

T-1 TITLE SHEET & INDEX

1 OF 1 BOUNDARY SURVEY BY NORTHEAST CONSULTANTS

GN-1 GENERAL NOTES

OP-1 OVERALL SITE PLAN

EC-1 SEDIMENTATION & EROSION CONTROL NOTES

EC-2 SEDIMENTATION & EROSION CONTROL DETAILS

EC-3 SEDIMENTATION & EROSION CONTROL PLAN

GP-1 GRADING & DRAINAGE PLAN

SP-1 SITE & UTILITY PLAN

DN-1 SITE DETAILS, 1 OF 2

DN-2 SITE DETAILS, 2 OF 2

PLANNING BOARD APPROVAL	
SIGNATURES:	
1.	
2.	
3.	
4.	
5.	
DATE SIGNED:	

C-TEC SOLAR, LLC

"SUTTON SOLAR FACILITY"

161 ARMSBY ROAD
SUTTON, MA 01590

SITE INFORMATION

SITE NAME: "SUTTON SOLAR FACILITY"
LOCATION: 161 ARMSBY ROAD
SUTTON, MA 01590

SITE TYPE/DESCRIPTION: ADD (1) GROUND MOUNTED SOLAR PANEL
ARRAY W/ ASSOCIATED EQUIPMENT.

PROPERTY OWNER: BARBARA J FUSARO
16 TUTTLE ROAD
SUTTON, MA 01590

APPLICANT: C-TEC SOLAR, LLC
1 GRIFFIN ROAD SOUTH, SUITE 200
BLOOMFIELD, CT, 06002

ENGINEER CONTACT: BRADLEY J. PARSONS, P.E.
(860) 663-1697 x208

LATITUDE: 42° 09' 19.65" N
LONGITUDE: 71° 43' 32.31" W
ELEVATION: 479± AMSL

MAP/BLOCK/LOT: 18/61
ZONE: B2
OVERLAY DISTRICTS: GROUNDWATER PROTECTION DISTRICT
ROUTE 146 OVERLAY DISTRICT

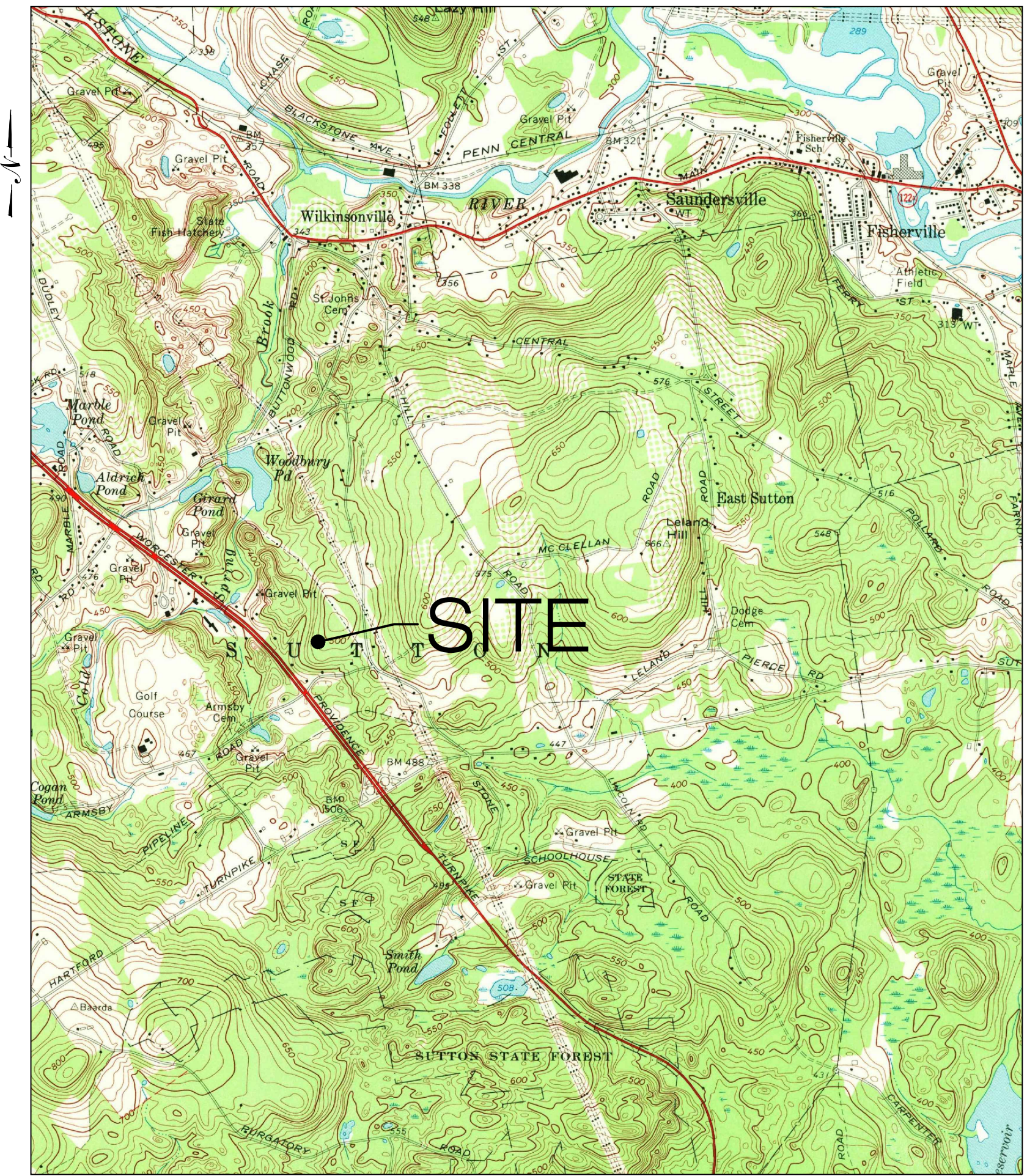
EASEMENTS: NE POWER CO. EASEMENT = 19,550 SQ-FT
ATLAS GRADING EASEMENT = 22,740 SQ-FT
ATLAS ACCESS EASEMENT = 6,135 SQ-FT

TOTAL SITE ACREAGE: 12.33 ACRES
TOTAL DISTURBED AREA: 9.56 ACRES

APPROX. VOLUME OF CUT/FILL: 26,500 CU-YD (BALANCED SITE)

B2 ZONING DIMENSIONAL REQTS: MIN. AREA = 40,000 SQ-FT
MIN. FRONTAGE = 200-FT
MIN. FRONT YARD = 50-FT
MIN. SIDE YARD = 20-FT
MIN. REAR YARD = 50-FT

USGS TOPOGRAPHIC MAP



SCALE : 1" = 2000'±

SOURCE: USGS 7.5 LEICESTER QUADRANGLE, MA 2015



1 GRIFFIN ROAD SOUTH
BLOOMFIELD, CT 06002
OFFICE: (860)-580-7174



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

PERMITTING

NO	DATE	REVISION
0	10/07/20	ISSUED FOR PB PERMIT APP.
1	10/27/20	RESPONSE TO PB COMMENTS
2	11/12/20	RESP. TO GEI COMMENTS
3	12/22/20	PB CONDITIONS & FIRE DEPT
4		
5		
6		

NOT FOR CONSTRUCTION

DESIGN PROFESSIONAL OF RECORD

PROF: BRADLEY J. PARSONS P.E.
COMP: ALL-POINTS TECHNOLOGY
CORPORATION
ADD: 567 VAUXHAUL STREET
EXTENSION - SUITE 311
WATERFORD, CT 06385

OWNER: BARBARA J FUSARO
ADDRESS: 16 TUTTLE ROAD
SUTTON, MA 01590

SUTTON SOLAR FACILITY

SITE 161 ARMSBY ROAD
ADDRESS: SUTTON, MA 01590

APT FILING NUMBER: MA481220

	DRAWN BY: KAM
DATE: 10/07/20	CHECKED BY: BJP

SHEET TITLE:

TITLE SHEET & INDEX

SHEET NUMBER:

T-1

A graphic scale bar with alternating black and white segments. Above the bar, the distances 80', 0', 80', and 160' are marked.

18-65
N/F
ATLAS BOX LLC
DEED 41415~42
DEED 41415~53
PLAN 285~107
PLAN 613~41
PLAN 634~32
PLAN 761~111
PLAN 872~12
PLAN 875~38
PLAN 910~104

BASED ON LANGUAGE IN
EASEMENT AGREEMENT, IT DOES
NOT APPEAR THAT FUSARO
GRANTED AN ACCESS EASEMENT
TO ATLAS BOX LLC OVER THE
PORTION THE EASEMENT THAT
LIES ON FUSARO LAND

LOCUS

LOCUS

R=10.00' L=20.07'
CHD=N20°30'38"E
CHD L=16.87'

ARMSBY ROAD SEE PLAN 171~84

FAYETTE ROAD (DISCONTINUED)
SEE ARTICLE IV
MAY 17, 1873 TOWN MEETING,
SAID TO BE OPEN TO PUBLIC
AS A BRIDAL WAY

11-299
N/F
PATRICK & ALICIA GEMME
DEED 52565~68
PLAN 636~104

11-128
N/F
PATRICK & ALICIA GEMME
DEED 52560~74
PLAN 459~124

18-60
N/F
PATRICIA H. MAHONEY
DEED 6049~218
PLAN 430~82

18-59
N/F
RAYMOND WHITE DIAZ
& JIMMY WHITE
DEED 54369~86
PLAN 395~120

18-90
N/F
MOND WHITE DIA.
JIMMY WHITE
EED 54369~86
PLAN 478~13

18-55
N/F
BRADFORD BARNET
DEED 55377~260
PLAN 449~57
PLAN 451~95

18-54
N/F
CHRISTOPHER &
STACEY POLLARD
DEED 58957~1
PLAN 272~107

R=10.00' L=11.00'
CHD=S72°29'19"E
CHD L=10.45'

18-69
N/F
AS J. CRONIN
D 20311~26
AN 176~17

12-345	ASSESSOR'S MAP-PARCEL
N/F	NOW OR FORMERLY
○ IPF IRF	IRON PIPE/ROD FOUND
DHF	DRILL HOLE FOUND
SBF/CBF	STONE/CONC. BOUND FOUND
●	IRON ROD TO BE SET
△	CALCULATED POINT
————	LOCUS PROPERTY LINE
————	ADJOINERS PROPERTY LINE
—— —	EASEMENT LINE
○○○○○○	STONE WALL

SURVEYOR:	BCF	ENGINEER:	—
DRAFTING:	JDG	DESIGN:	—
FIELD WORK:	JED MAK	HORZ. SCALE:	1" = 80'
PROJECT NUMBER:	18-174	VERT. SCALE:	—
DRAWING NAME:	18-174.DWG	DATE:	08-19-2020

PLAN OF LAND IN
SUTTON, MA
WORCESTER REGISTRY
PREPARED FOR
ALL-POINTS TECHNOLOGY CORPORATION

SHEET NO. **1** OF **1**


NOTES:

1. FIELD SURVEY BY EDM TOTAL STATION.
2. THE HORIZONTAL DATUM OF THIS PLAN IS NAD83 (2011), MASSACHUSETTS MAINLAND COORDINATE SYSTEM, AND WAS DERIVED FROM AN RTK GPS SURVEY PERFORMED ON SITE.
3. THIS PLAN WAS PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT AND IS SUBJECT TO MATTERS A TITLE REPORT WOULD DISCLOSE.

I HEREBY CERTIFY TO THE BEST OF MY PROFESSIONAL KNOWLEDGE,
INFORMATION AND BELIEF THAT:

THE PROPERTY LINES SHOWN ON THIS PLAN ARE THE LINES DIVIDING EXISTING OWNERSHIPS, AND THE LINES OF STREETS AND WAYS SHOWN ARE THOSE OF PUBLIC OR PRIVATE STREETS OR WAYS ALREADY ESTABLISHED, AND THAT NO NEW LINES FOR THE DIVISION OF EXISTING OWNERSHIP OR FOR NEW WAYS ARE SHOWN;

THIS PLAN HAS BEEN PREPARED IN CONFORMITY WITH THE RULES AND REGULATIONS OF THE REGISTERS OF DEEDS OF THE COMMONWEALTH OF MASSACHUSETTS.


BRIAN C. FRANETOVICH
MA PLS #54258

COMMONWEALTH OF MASSACHUSETTS
BRIAN C. FRANETOVICH
NO. 54258
REGISTERED
PROFESSIONAL LAND SURVEYOR

GENERAL NOTES

1.

ALL CONSTRUCTION SHALL COMPLY WITH PROJECT DEVELOPER STANDARDS, TOWN OF SUTTON STANDARDS, MASSACHUSETTS DEPARTMENT OF TRANSPORTATION STANDARDS AND SPECIFICATIONS IN THE ABOVE REFERENCED INCREASING HIERARCHY. IF SPECIFICATIONS ARE IN CONFLICT, THE MORE STRINGENT SPECIFICATION SHALL APPLY.
2.

IF NO PROJECT CONSTRUCTION SPECIFICATION PACKAGE IS PROVIDED BY THE PROJECT DEVELOPER OR THEIR REPRESENTATIVE, THE CONTRACTOR SHALL COMPLY WITH THE MANUFACTURER, TOWN OF SUTTON, OR MASSACHUSETTS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, AND BE IN ACCORDANCE WITH ALL APPLICABLE OSHA, FEDERAL, STATE AND LOCAL REGULATIONS.
3.

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 SUTTON CONSTRUCTION PERMITS. THE CONTRACTOR SHALL POST ALL BONDS, PAY ALL FEES, PROVIDE PROOF OF INSURANCE AND PROVIDE TRAFFIC CONTROL NECESSARY FOR THIS WORK.
4.

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.
5.

THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF ALL PRODUCTS, MATERIALS PER PLANS AND SPECIFICATIONS TO THE PROJECT DEVELOPER FOR REVIEW AND APPROVAL PRIOR TO FABRICATION OR DELIVERY TO THE SITE. ALLOW A MINIMUM OF 14 WORKING DAYS FOR REVIEW.
6.

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.
7.

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.
8.

THE CONTRACT LIMIT IS THE PROPERTY LINE UNLESS OTHERWISE SPECIFIED OR SHOWN ON THE CONTRACT DRAWINGS.
9.

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.
11.

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 SUTTON.
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 AGENCY 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 "DIG SAFE" 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 IS GRANTED BY ALL GOVERNING AND REGULATORY AGENCIES.

SITE PLAN NOTES

1.

THE SURVEY WAS PROVIDED BY NORTHEAST SURVEY CONSULTANTS DATED AUGUST 19, 2020.
2.

THERE ARE NO WETLANDS OR WATERWAYS LOCATED ON THE SITE.
3.

THE CONTRACTOR SHALL FOLLOW THE RECOMMENDED SEQUENCE OF CONSTRUCTION NOTES PROVIDED ON THE EROSION CONTROL PLAN OR SUBMIT AN ALTERNATE PLAN FOR APPROVAL BY THE ENGINEER AND/OR PERMITTING AGENCIES PRIOR TO THE START CONSTRUCTION. ALLOW A MINIMUM OF 14 WORKING DAYS FOR REVIEW.
4.

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 "EROSION CONTROL PLAN" CONTAINED HEREIN. THE CONTRACTOR SHALL BE RESPONSIBLE TO POST ALL BONDS AS REQUIRED BY GOVERNMENT AGENCIES WHICH WOULD GUARANTEE THE PROPER IMPLEMENTATION OF THE PLAN.
5.

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 COMMONWEALTH OF MASSACHUSETTS 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.
6.

ALL DISTURBANCE INCURRED TO PUBLIC, MUNICIPAL, COUNTY, STATE PROPERTY DUE TO CONSTRUCTION SHALL BE RESTORED TO ITS PREVIOUS CONDITION OR BETTER, TO THE SATISFACTION OF THE TOWN OF SUTTON AND COMMONWEALTH OF MASSACHUSETTS.
7.

IF IMPACTED OR CONTAMINATED SOIL IS ENCOUNTERED BY THE CONTRACTOR, THE CONTRACTOR SHALL SUSPEND EXCAVATION WORK OF IMPACTED SOIL AND NOTIFY THE PROJECT DEVELOPER AND/OR PROJECT DEVELOPERS ENVIRONMENTAL CONSULTANT PRIOR TO PROCEEDING WITH FURTHER WORK IN THE IMPACTED SOIL LOCATION UNTIL FURTHER INSTRUCTED BY THE PROJECT DEVELOPER AND/OR PROJECT DEVELOPERS ENVIRONMENTAL CONSULTANT.

PLANNING BOARD CONDITIONS

- GENERAL CONDITIONS:

1.

APPROVAL OF ALL OTHER APPLICABLE LOCAL, STATE AND FEDERAL PERMITTING AUTHORITIES.

2.

CONSTRUCTION ON THE SITE SHALL BE LIMITED TO MONDAY THROUGH FRIDAY, 7:00 A.M. TO 5:00 P.M. AND SATURDAYS, 8:00 A.M. TO 12:00 P.M., AND SHALL EXCLUDE SUNDAYS AND ALL LOCAL, STATE AND FEDERALLY OBSERVED HOLIDAYS.

3.

THE BOARD RESERVES THE RIGHT TO REVIEW SITE LANDSCAPING WITHIN A YEAR OF INSTALLATION FOR THE PURPOSE OF ADDING PLANTS WHICH MAY BE REASONABLY NECESSARY TO COMPLETE THE INTENDED AESTHETICS AND SCREENING.

4.

THE BOARD RESERVES THE RIGHT TO REVIEW AND ADJUST LIGHTING AND REQUIRE ADJUSTMENTS WITHIN A YEAR OF INITIAL ILLUMINATION IF THEY FIND IT TO BE A DANGER OR NUISANCE.

5.

THE BOARD RESERVES THE RIGHT TO REQUIRE MITIGATION FOR NOISE GENERATED BY OPERATIONS ON THIS SITE IF THEY FIND IT TO BE A NUISANCE.

6.

THE APPLICANT MUST COMPLY WITH COMMENTS FROM THE GRAVES ENGINEERING REVIEW LETTER DATED OCTOBER 30, 2020 TO THE SATISFACTION OF THE BOARD.

- PRIOR TO ENDORSEMENT OF PLANS:

7.

ALL WAIVERS AND CONDITIONS OF APPROVAL SHALL BE LISTED ON THE PLAN SET.

8.

THE APPLICANT MUST VERIFY THE PREFERRED PLACEMENT OF THE INVERTER PAD WITH THE FIRE DEPARTMENT AND RELOCATE IT IF REQUIRED.

- PRIOR TO COMMENCEMENT OF CONSTRUCTION:

9.

THE OWNER/APPLICANT (OPERATOR) AGREES TO PROVIDE FINANCIAL SURETY AS APPROVED BY THE BOARD TO COVER THE COST OF REMOVAL OF THE INSTALLATION IN THE EVENT THE TOWN MUST REMOVE IT AND REMEDIATE THE LANDSCAPE. SAID SURETY AGREEMENT SHALL STIPULATE THAT THE BOARD RESERVES THE RIGHT TO REVIEW THE TOTAL AMOUNT OF SURETY IN YEARS 5, 10, AND 15 (APPROXIMATELY) AND REQUIRE ADDITIONAL FUNDS SHOULD VARIABLES SUCH AS INFLATION, SALVAGE VALUE, ETC. REQUIRE AN INCREASE.

10.

THE OWNER/APPLICANT (OPERATOR) SHALL SUPPLY THE PLANNING BOARD WITH COPIES OF THE FOLLOWING:

a.

SITE CONTROL - DOCUMENTATION OF CONTROL OF THE PROJECT SITE, SUFFICIENT TO ALLOW FOR CONSTRUCTION AND OPERATION OF THE SOLAR PHOTOVOLTAIC INSTALLATIONS;

b.

UTILITY NOTIFICATION - EVIDENCE THAT THE UTILITY COMPANY THAT OPERATES THE ELECTRICAL GRID HAS BEEN INFORMED OF AND APPROVES THE PLANNED SOLAR PHOTOVOLTAIC INSTALLATION; COPY OF INTERCONNECTED CUSTOMER-OWNED GENERATOR AGREEMENT SHALL BE PROVIDED.

c.

THE STORMWATER SWPPP SHALL BE COMPLETED AND FILED WITH THE EPA AND A COPY OF THE NPDES PERMIT SHALL BE PROVIDED TO THE PLANNING BOARD.

11.

THE APPLICANT/ENGINEER SHALL SUBMIT FOUR (4) COMPLETE PRINTS OF THE ENDORSED SITE DEVELOPMENT PLAN, ONE (1) FIFTY-PERCENT (60%) REDUCED PRINT AND ONE (1) ELECTRONIC COPY TO THE SUTTON PLANNING OFFICE.

12.

PRIOR TO COMMENCEMENT OF CONSTRUCTION A PRE-CONSTRUCTION MEETING SHALL BE HELD WITH THE PLANNING DIRECTOR AND OTHER TOWN STAFF AS APPROPRIATE, THE TOWN'S CONSULTING ENGINEER, THE APPLICANT AND/OR HIS REPRESENTATIVE, THE APPLICANT'S ENGINEER, AND THE APPLICANTS CONSTRUCTION SUPERVISOR FOR THIS SITE. MINUTES SHALL BE DRAFTED BY THE TOWN'S CONSULTING ENGINEER AND PROVIDED TO ALL PARTIES IN ATTENDANCE WITHIN 48 HOURS FOR APPROVAL PRIOR TO CONSTRUCTION START TO ENSURE ALL PARTIES ARE IN AGREEMENT.

13.

PRIOR TO COMMENCEMENT OF CONSTRUCTION THE APPLICANT WILL PROVIDE A MINIMUM OF ONE WEEK'S NOTICE AND REVIEW STAKED LIMITS OF CLEARING WITH PLANNING BOARD REPRESENTATIVE.

- PRIOR TO START UP OF THE FACILITY:

15.

ANY SECURITY SYSTEMS SHALL BE INSTALLED AND FUNCTIONING AS REQUIRED BY THE POLICE AND FIRE CHIEFS.

16.

THE APPLICANT SHALL SUBMIT TO THE PLANNING BOARD AN AS-BUILT PLAN AND WRITTEN CERTIFICATION FROM THE PROJECT'S ENGINEER THAT THE ENTIRE SITE HAS BEEN CONSTRUCTED SUBSTANTIALLY IN ACCORDANCE WITH THE SITE PLAN.

17.

THE APPLICANT SHALL ALSO SUBMIT TO THE BOARD OF ASSESSORS THE AS-BUILT PLAN WITH SUPPLEMENTED WITH ANY ADDITIONAL INFORMATION REQUIRED BY THIS BOARD.

- SITE MAINTENANCE

18.

THE APPLICANT SHALL ENSURE PROPER MAINTENANCE OF PLANTINGS ON THE SITE, INCLUDING IMMEDIATE REPLACEMENT OF DEAD OR DISEASED PLANTINGS UNLESS IT IS WINTER OR SUMMER, IN WHICH CASE IMMEDIATELY IN THE FOLLOWING PLANTING SEASON.

19.

INSPECTION AND MAINTENANCE OF SITE DRAINAGE SYSTEM AND STRUCTURES SHALL BE PERFORMED IN ACCORDANCE WITH THE RECOMMENDED SCHEDULE BUT IN NO CASE LESS THAN ONCE PER YEAR.

UTILITY NOTES

1.

CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE TOWN OF SUTTON 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 DEVELOPERS 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 SUTTON.
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 PROP. 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 SUTTON.
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 "DIG SAFE" 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 SUTTON, UTILITY PROVIDERS AND GOVERNING AUTHORITIES.

GENERAL LEGEND		
	EXISTING	PROPOSED
PROPERTY LINE	----	
BUILDING SETBACK		
SOLAR SETBACK	----	
EASEMENT	----	
TREE LINE	~~~~~	
WETLAND	~~~~~	
WETLAND BUFFER	-----	
VERNAL POOL	-----	
VERNAL POOL BUFFER	-----	
WATERCOURSE	-----	
WATERCOURSE BUFFER	-----	
MAJOR CONTOUR	-----	-----
MINOR CONTOUR	-----	-----
UNDERGROUND ELECTRIC	-----	-----
OVERHEAD ELECTRIC	-----	-----
GAS LINE	-----	-----
WATER LINE	-----	-----
WATER QUALITY SWALE		-----
FENCE		-----
LIMIT OF DISTURBANCE		-----
SILT FENCE		-----

C-TECSOLAR

1 GRIFFIN ROAD SOUTH
BLOOMFIELD, CT 06002
OFFICE: (860)-580-7174

ALL-POINTS
TECHNOLOGY CORPORATION

567 VAUXHAUL STREET EXTENSION - SUITE 311
WATERFORD, CT 06385 PHONE: (860)-863-1697
WWW.ALLPOINTSTECH.COM FAX: (860)-863-0935

PERMITTING		
NO	DATE	REVISION
0	10/07/20	ISSUED FOR PB PERMIT APP.
1	10/27/20	RESPONSE TO PB COMMENTS
2	11/12/20	RESP. TO GEI COMMENTS
3	12/22/20	PB CONDITIONS & FIRE DEPT
4		
5		
6		

NOT FOR CONSTRUCTION

DESIGN PROFESSIONAL OF RECORD

PROF: BRADLEY J. PARSONS P.E.
COMP: ALL-POINTS TECHNOLOGY CORPORATION
ADD: 567 VAUXHAUL STREET
EXTENSION - SUITE 311
WATERFORD, CT 06385

OWNER: BARBARA J FUSARO
ADDRESS: 16 TUTTLE ROAD
SUTTON , MA 01590

SUTTON SOLAR FACILITY

SITE 161 ARMSBY ROAD
ADDRESS: SUTTON, MA 01590

APT FILING NUMBER: M4481220

DRAWN BY: KAM

DATE: 10/07/20

CHECKED BY: BJP

SHEET TITLE:

GENERAL NOTES

SHEET NUMBER:

GN-1



PERMITTING

NO	DATE	REVISION
0	10/07/20	ISSUED FOR PB PERMIT APP.
1	10/27/20	RESPONSE TO PB COMMENTS
2	11/12/20	RESP. TO GEI COMMENTS
3	12/22/20	PB CONDITIONS & FIRE DEPT
4		
5		
6		

NOT FOR CONSTRUCTION

DESIGN PROFESSIONAL OF RECORD

PROF: BRADLEY J. PARSONS P.E.
COMP: ALL-POINTS TECHNOLOGY
CORPORATION
ADD: 567 VAUXHAUL STREET
EXTENSION - SUITE 311
WATERFORD, CT 06385

OWNER: BARBARA J FUSARO
ADDRESS: 16 TUTTLE ROAD
SUTTON , MA 01590

SUTTON SOLAR FACILITY

SITE 161 ARMSBY ROAD
ADDRESS: SUTTON, MA 01590

APT FILING NUMBER: MA481220

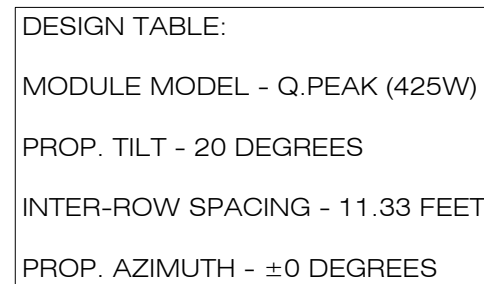
	DRAWN BY: KAM
DATE: 10/07/20	CHECKED BY: BJP

SHEET TITLE:

OVERALL SITE PLAN

SHEET NUMBER:

OP-1



PLANNING BOARD APPROVAL

SIGNATURES:

- 1.
- 2.
- 3.
- 4.
- 5.

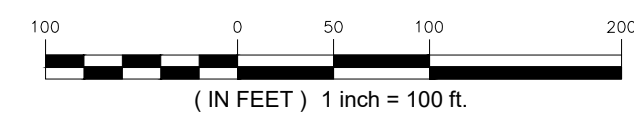
DATE SIGNED:



1
SP-1

OVERALL SITE & COMMON DRIVEWAY PLAN

SCALE : 1" = 100'-0"



(IN FEET) 1 inch = 100 ft

EROSION CONTROL NOTES

EROSION AND SEDIMENT CONTROL PLAN NOTES

1. THE CONTRACTOR SHALL CONSTRUCT ALL SEDIMENT AND EROSION CONTROLS IN ACCORDANCE WITH THE ENVIRONMENTAL PROTECTION AGENCIES CONSTRUCTION GENERAL PERMIT UNDER THE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM ("GENERAL PERMIT"), MASSACHUSETTS EROSION AND SEDIMENT CONTROL GUIDELINES FOR URBAN AND SUBURBAN AREAS, LATEST EDITION ("THE GUIDELINES"), THE CONTRACT DOCUMENTS, AND AS DIRECTED BY THE TOWN OF SUTTON. ALL PERIMETER SEDIMENTATION AND EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE START OF CLEARING AND GRUBBING AND DEMOLITION OPERATIONS.
2. THESE DRAWINGS ARE ONLY INTENDED TO DESCRIBE THE SEDIMENT AND EROSION CONTROL MEASURES FOR THIS SITE. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THE EROSION & SEDIMENT CONTROL PLAN ARE SHOWN IN A GENERAL SIZE AND LOCATION ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL EROSION CONTROL MEASURES ARE CONFIGURED AND CONSTRUCTED IN A MANNER THAT WILL MINIMIZE EROSION OF SOILS AND PREVENT THE TRANSPORT OF SEDIMENTS AND OTHER POLLUTANTS TO STORM DRAINAGE SYSTEMS AND/OR WATERCOURSES. ACTUAL SITE CONDITIONS OR SEASONAL AND CLIMATIC CONDITIONS MAY WARRANT ADDITIONAL CONTROLS OR CONFIGURATIONS, AS REQUIRED, AND AS DIRECTED BY THE PERMITTEE AND/OR THE TOWN OF SUTTON. SEE SEDIMENT AND EROSION CONTROL DETAILS AND SUGGESTED CONSTRUCTION SEQUENCE FOR MORE INFORMATION. REFER TO SITE PLAN FOR GENERAL INFORMATION AND OTHER CONTRACT PLANS FOR APPROPRIATE INFORMATION.
3. A BOND MAY BE REQUIRED TO BE POSTED WITH THE GOVERNING AUTHORITY FOR THE EROSION CONTROL INSTALLATION AND MAINTENANCE.
4. THE CONTRACTOR SHALL APPLY THE MINIMUM EROSION & SEDIMENT CONTROL MEASURES SHOWN ON THE PLAN IN CONJUNCTION WITH CONSTRUCTION SEQUENCING, SUCH THAT ALL ACTIVE WORK ZONES ARE PROTECTED. ADDITIONAL AND/OR ALTERNATIVE SEDIMENT AND EROSION CONTROL MEASURES MAY BE INSTALLED DURING THE CONSTRUCTION PERIOD IF FOUND NECESSARY BY THE CONTRACTOR, OWNER, SITE ENGINEER, MUNICIPAL OFFICIALS, OR ANY GOVERNING AGENCY. THE CONTRACTOR SHALL CONTACT THE OWNER AND APPROPRIATE GOVERNING AGENCIES FOR APPROVAL IF ALTERNATIVE CONTROLS OTHER THAN THOSE SHOWN ON THE PLANS ARE PROPOSED BY THE CONTRACTOR.
5. THE CONTRACTOR SHALL TAKE EXTREME CARE DURING CONSTRUCTION SO AS NOT TO DISTURB UNPROTECTED WETLAND AREAS OR INSTALLED SEDIMENTATION AND EROSION CONTROL MEASURES. THE CONTRACTOR SHALL INSPECT ALL SEDIMENT AND EROSION CONTROLS WEEKLY AND WITHIN 24 HOURS OF A STORM WITH A RAINFALL AMOUNT OF 0.25 INCHES OR GREATER TO VERIFY THAT THE CONTROLS ARE OPERATING PROPERLY AND MAKE REPAIRS AS NECESSARY IN A TIMELY MANNER.
6. THE CONTRACTOR SHALL KEEP A SUPPLY OF EROSION CONTROL MATERIAL (SILT FENCE, COMPOST FILTER SOCK, EROSION CONTROL BLANKET, ETC.) ON-SITE FOR PERIODIC MAINTENANCE AND EMERGENCY REPAIRS.
7. ALL FILL MATERIAL PLACED ADJACENT TO ANY WETLAND AREA SHALL BE GOOD QUALITY, WITH LESS THAN 5% FINES PASSING THROUGH A #200 SIEVE (BANK RUN), SHALL BE PLACED IN MAXIMUM ONE FOOT LIFTS, AND SHALL BE COMPACTED TO 95% MAX. DRY DENSITY MODIFIED PROCTOR OR AS SPECIFIED IN THE CONTRACT SPECIFICATIONS.
6. PROTECT EXISTING TREES THAT ARE TO BE SAVED BY FENCING, ORANGE SAFETY FENCE, OR EQUIVALENT FENCING. ANY LIMB TRIMMING SHOULD BE DONE AFTER CONSULTATION WITH AN ARBORIST AND BEFORE CONSTRUCTION BEGINS IN THAT AREA; FENCING SHALL BE MAINTAINED AND REPAIRED DURING CONSTRUCTION.
9. CONSTRUCTION ENTRANCES (ANTI-TRACKING PADS) SHALL BE INSTALLED PRIOR TO ANY SITE EXCAVATION OR CONSTRUCTION ACTIVITY AND SHALL BE MAINTAINED THROUGHOUT THE DURATION OF ALL CONSTRUCTION IF REQUIRED. THE LOCATION OF THE TRACKING PADS MAY CHANGE AS VARIOUS PHASES OF CONSTRUCTION ARE COMPLETED. CONTRACTOR SHALL ENSURE THAT ALL VEHICLES EXITING THE SITE ARE PASSING OVER THE ANTI-TRACKING PADS PRIOR TO EXISTING.
10. ALL CONSTRUCTION SHALL BE CONTAINED WITHIN THE LIMIT OF DISTURBANCE, WHICH SHALL BE MARKED WITH SILT FENCE, SAFETY FENCE, HAY BALES, RIBBONS, OR OTHER MEANS PRIOR TO CLEARING. CONSTRUCTION ACTIVITY SHALL REMAIN ON THE UPHILL SIDE OF THE SEDIMENT BARRIER UNLESS WORK IS SPECIFICALLY CALLED FOR ON THE DOWNHILL SIDE OF THE BARRIER.
11. NO CUT OR FILL SLOPES SHALL EXCEED 2:1 EXCEPT WHERE STABILIZED BY ROCK FACED EMBANKMENTS OR EROSION CONTROL BLANKETS, JUTE MESH AND VEGETATION. ALL SLOPES SHALL BE SEEDED AND BANKS WILL BE STABILIZED IMMEDIATELY UPON COMPLETION OF FINAL GRADING UNTIL TURF IS ESTABLISHED.
12. DIRECT ALL DEWATERING PUMP DISCHARGE TO A SEDIMENT CONTROL DEVICE THE GUIDELINES WITHIN THE APPROVED LIMIT OF DISTURBANCE IF REQUIRED. DISCHARGE TO STORM DRAINS OR SURFACE WATERS FROM SEDIMENT CONTROLS SHALL BE CLEAR AND APPROVED BY THE PERMITTEE OR MUNICIPALITY.
13. THE CONTRACTOR SHALL MAINTAIN A CLEAN CONSTRUCTION SITE AND SHALL NOT ALLOW THE ACCUMULATION OF RUBBISH OR CONSTRUCTION DEBRIS ON THE SITE. PROPER SANITARY DEVICES SHALL BE MAINTAINED ON-SITE AT ALL TIMES AND SECURED APPROPRIATELY. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO AVOID THE SPILLAGE OF FUEL OR OTHER POLLUTANTS ON THE CONSTRUCTION SITE AND SHALL ADHERE TO ALL APPLICABLE POLICIES AND REGULATIONS RELATED TO SPILL PREVENTION AND RESPONSE/CONTAINMENT.
14. MINIMIZE LAND DISTURBANCES. SEED AND MULCH DISTURBED AREAS WITH TEMPORARY MIX AS SOON AS PRACTICABLE (2 WEEK MAXIMUM UNSTABILIZED PERIOD) USING PERENNIAL RYEGRASS AT 40 LBS PER ACRE. MULCH ALL CUT AND FILL SLOPES AND SWALES WITH LOOSE HAY AT A RATE OF 2 TONS PER ACRE. IF NECESSARY, REPLACE LOOSE HAY ON SLOPES WITH EROSION CONTROL BLANKETS OR JUTE CLOTH. MODERATELY GRADED AREAS, ISLANDS, AND TEMPORARY CONSTRUCTION STAGING AREAS MAY BE HYDROSEEDDED WITH TACKIFIER.
15. SWEEP AFFECTED PORTIONS OF OFF SITE ROADS ONE OR MORE TIMES A DAY (OR LESS FREQUENTLY IF TRACKING IS NOT A PROBLEM) DURING CONSTRUCTION. FOR DUST CONTROL, PERIODICALLY MOISTEN EXPOSED SOIL SURFACES WITH WATER ON UNPAVED TRAVELWAYS TO KEEP THE TRAVELWAYS DAMP. CALCIUM CHLORIDE MAY ALSO BE APPLIED TO ACCESS ROADS. DUMP TRUCK LOADS EXITING THE SITE SHALL BE COVERED.
16. TURF ESTABLISHMENT SHALL BE PERFORMED OVER ALL DISTURBED SOIL, UNLESS THE AREA IS UNDER ACTIVE CONSTRUCTION, IT IS COVERED IN STONE OR SCHEDULED FOR PAVING WITHIN 30 DAYS. TEMPORARY SEEDING OR NON-LIVING SOIL PROTECTION OF ALL EXPOSED SOILS AND SLOPES SHALL BE INITIATED WITHIN THE FIRST 7 DAYS OF SUSPENDING WORK IN AREAS TO BE LEFT LONGER THAN 30 DAYS.
17. MAINTAIN ALL PERMANENT AND TEMPORARY SEDIMENT CONTROL DEVICES IN EFFECTIVE CONDITION THROUGHOUT THE CONSTRUCTION PERIOD. UPON COMPLETION OF WORK SWEEP CONCRETE PADS, CLEAN THE STORMWATER MANAGEMENT SYSTEMS AND REMOVE ALL TEMPORARY SEDIMENT CONTROLS ONCE THE SITE IS FULLY STABILIZED AND APPROVAL HAS BEEN RECEIVED FROM PERMITTEE OR THE MUNICIPALITY.
18. SEEDING MIXTURES, IF REQUIRED, SHALL BE APPROVED BY OWNER.

SEDIMENT & EROSION CONTROL NARRATIVE

1. THE PROJECT INVOLVES THE CONSTRUCTION OF A GROUND MOUNTED SOLAR PANEL FACILITY WITH ASSOCIATED EQUIPMENT, INCLUDING THE CLEARING, GRUBBING AND GRADING OF APPROXIMATELY 9.56 ACRES OF EXISTING LOT.
- THE PROPOSED PROJECT INVOLVES THE FOLLOWING CONSTRUCTION:

A. CLEARING, GRUBBING, AND GRADING OF EXISTING LOT.
B. CONSTRUCTION OF 4,500 GROUND MOUNTED SOLAR PANELS AND ASSOCIATED EQUIPMENT.
C. THE STABILIZATION OF DISTURBED AREAS WITH PERMANENT GRASS TREATMENTS.
2. FOR THIS PROJECT, THERE ARE APPROXIMATELY 9.56± ACRES OF THE SITE BEING DISTURBED WITH NEGLIGIBLE INCREASE IN THE IMPERVIOUS AREA OF THE SITE, AS ALL ACCESS THROUGH THE SITE WILL BE GRAVEL. IMPERVIOUS AREAS ARE LIMITED TO THE CONCRETE PADS FOR ELECTRICAL EQUIPMENT.
3. THE PROJECT SITE, AS MAPPED IN THE SOIL SURVEY OF WORCESTER COUNTY (NRCS, MA615, 1998), CONTAINS TYPE 254B & 254C SOILS. A GEOTECHNICAL ENGINEERING REPORT HAS NOT BEEN COMPLETED FOR THIS PROJECT.
4. IT IS ANTICIPATED THAT CONSTRUCTION WILL BE COMPLETED IN APPROXIMATELY 3-4 MONTHS.
5. REFER TO THE CONSTRUCTION SEQUENCING AND EROSION AND SEDIMENTATION NOTES FOR INFORMATION REGARDING SEQUENCING OF MAJOR OPERATIONS IN THE ON-SITE CONSTRUCTION PHASES.
6. STORMWATER MANAGEMENT DESIGN CRITERIA UTILIZES THE APPLICABLE SECTIONS OF THE MASSACHUSETTS STORMWATER HANDBOOK, UPDATED FEB. 2008, 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 MASSACHUSETTS EROSION AND SEDIMENT CONTROL GUIDELINES FOR URBAN AND SUBURBAN AREAS, LATEST EDITION.
7. DETAILS FOR THE TYPICAL STORMWATER MANAGEMENT AND EROSION AND SEDIMENTATION MEASURES ARE SHOWN ON THE PLAN SHEETS OR PROVIDED AS SEPARATE SUPPORT DOCUMENTATION FOR REVIEW IN THIS PLAN.
8. CONSERVATION PRACTICES TO BE USED DURING CONSTRUCTION AREA:

A. STAGED CONSTRUCTION;
B. MINIMIZE THE DISTURBED AREAS TO THE EXTENT PRACTICABLE DURING CONSTRUCTION;
C. STABILIZE DISTURBED AREAS AS SOON AS POSSIBLE WITH TEMPORARY OR PERMANENT MEASURES;
D. MINIMIZE IMPERVIOUS AREAS;
E. UTILIZE APPROPRIATE CONSTRUCTION EROSION AND SEDIMENTATION MEASURES.
11. THE FOLLOWING SEPARATE DOCUMENTS ARE TO BE CONSIDERED A PART OF THE EROSION AND SEDIMENTATION PLAN:

A. STORMWATER MANAGEMENT REPORT FOR EXISTING AND PROPOSED PEAK FLOWS.

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 EXISTING SITE ACTIVITIES AND WEATHER CONDITIONS. SHOULD THE CONTRACTOR ALTER THE CONSTRUCTION SEQUENCE OR ANY EROSION AND SEDIMENTATION CONTROL MEASURES THEY SHALL MODIFY THE STORMWATER POLLUTION PREVENTION PLAN ("SWPPP") AS REQUIRED BY THE GENERAL PERMIT.

1. THE CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION MEETING. PHYSICALLY FLAG THE LIMITS OF CLEARING IN THE FIELD AS NECESSARY TO FACILITATE THE PRE-CONSTRUCTION MEETING.
2. CONDUCT A PRE-CONSTRUCTION MEETING TO DISCUSS THE PROPOSED WORK AND EROSION AND SEDIMENTATION CONTROL MEASURES. THE MEETING SHOULD BE ATTENDED BY THE OWNER, THE OWNER REPRESENTATIVE(S), THE MUNICIPALITY, THE GENERAL CONTRACTOR, DESIGNATED SUB-CONTRACTORS AND THE PERSON, OR PERSONS, RESPONSIBLE FOR THE IMPLEMENTATION, OPERATION, MONITORING AND MAINTENANCE OF THE EROSION AND SEDIMENTATION MEASURES. THE CONSTRUCTION PROCEDURES FOR THE ENTIRE PROJECT SHALL BE REVIEWED AT THIS MEETING.
3. NOTIFY TOWN OF SUTTON AGENT AT LEAST FORTY-EIGHT (48) HOURS PRIOR TO COMMENCEMENT OF ANY DEMOLITION, CONSTRUCTION OR REGULATED ACTIVITY ON THIS PROJECT.
4. NOTIFY DIG SAFE AT 811, AS REQUIRED, PRIOR TO THE START OF CONSTRUCTION.
5. REMOVE EXISTING IMPEDIMENTS AS NECESSARY AND PROVIDE MINIMAL CLEARING AND GRUBBING TO INSTALL THE REQUIRED CONSTRUCTION ENTRANCES.
6. CLEAR ONLY AS NEEDED TO INSTALL THE PERIMETER EROSION AND SEDIMENTATION CONTROL MEASURES AND, IF APPLICABLE, TREE PROTECTION. ALL WETLAND AREAS SHALL BE PROTECTED BEFORE MAJOR CONSTRUCTION BEGINS.
7. INSTALL REMAINING PERIMETER EROSION AND SEDIMENTATION CONTROL MEASURES.
8. PERFORM THE REMAINING CLEARING AND GRUBBING AS NECESSARY. REMOVE CUT WOOD AND STOCKPILE FOR FUTURE USE OR REMOVE OFF-SITE. REMOVE AND DISPOSE OF DEMOLITION DEBRIS OFF-SITE IN ACCORDANCE WITH APPLICABLE LAWS.
9. TEMPORARILY SEED DISTURBED AREAS NOT UNDER CONSTRUCTION FOR THIRTY (30) DAYS OR MORE.
10. INSTALL ELECTRICAL CONDUIT AND CONCRETE PADS.
11. INSTALL RACKING POSTS FOR GROUND MOUNTED SOLAR PANELS
12. INSTALL GROUND MOUNTED SOLAR PANELS AND COMPLETE ELECTRICAL INSTALLATION.
13. AFTER SUBSTANTIAL COMPLETION OF THE INSTALLATION OF THE SOLAR PANELS, COMPLETE REMAINING SITE WORK, INCLUDING ANY LANDSCAPE SCREENING, AND STABILIZE ALL DISTURBED AREAS.
14. FINE GRADE, RAKE, SEED AND MULCH ALL REMAINING DISTURBED AREAS.
15. AFTER THE SITE IS STABILIZED AND WITH THE APPROVAL OF THE PERMITTEE AND TOWN OF SUTTON AGENT, REMOVE PERIMETER EROSION AND SEDIMENTATION CONTROLS.

CONSTRUCTION OPERATION AND MAINTENANCE PLAN - BY CONTRACTOR

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

PLANNING BOARD APPROVAL
SIGNATURES:
1.
2.
3.
4.
5.
DATE SIGNED:

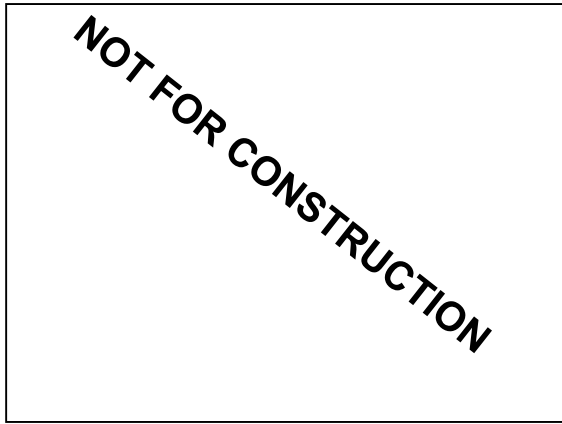


1 GRIFFIN ROAD SOUTH
BLOOMFIELD, CT 06002
OFFICE: (860)-580-7174



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

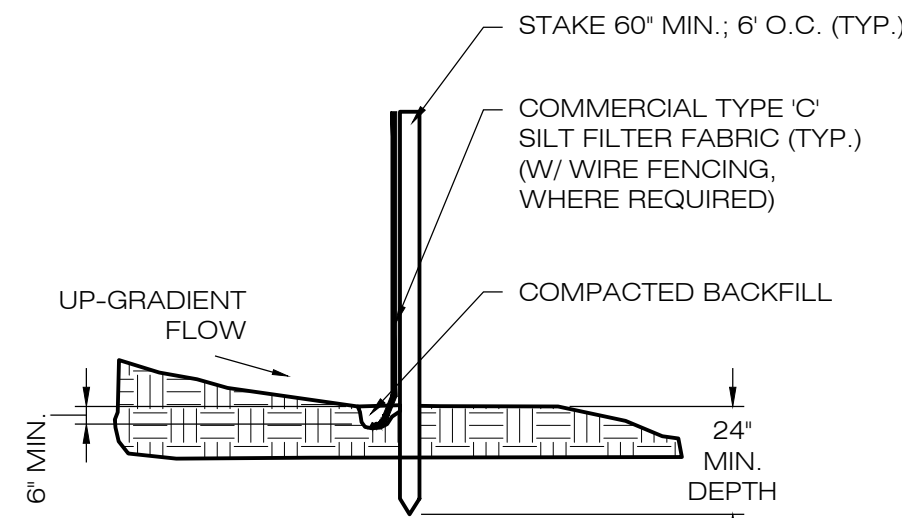
PERMITTING		
NO	DATE	REVISION
0	10/07/20	ISSUED FOR PB PERMIT APP
1	10/27/20	RESPONSE TO PB COMMENTS
2	11/12/20	RESP. TO GEI COMMENTS
3	12/22/20	PB CONDITIONS & FIRE DEPT
4		
5		
6		



DESIGN PROFESSIONAL OF RECORD
PROF: BRADLEY J. PARSONS P.E. COMP: ALL-POINTS TECHNOLOGY CORPORATION ADD: 567 VAUXHAUL STREET EXTENSION - SUITE 311 WATERFORD, CT 06385
OWNER: BARBARA J FUSARO ADDRESS: 16 TUTTLE ROAD SUTTON , MA 01590

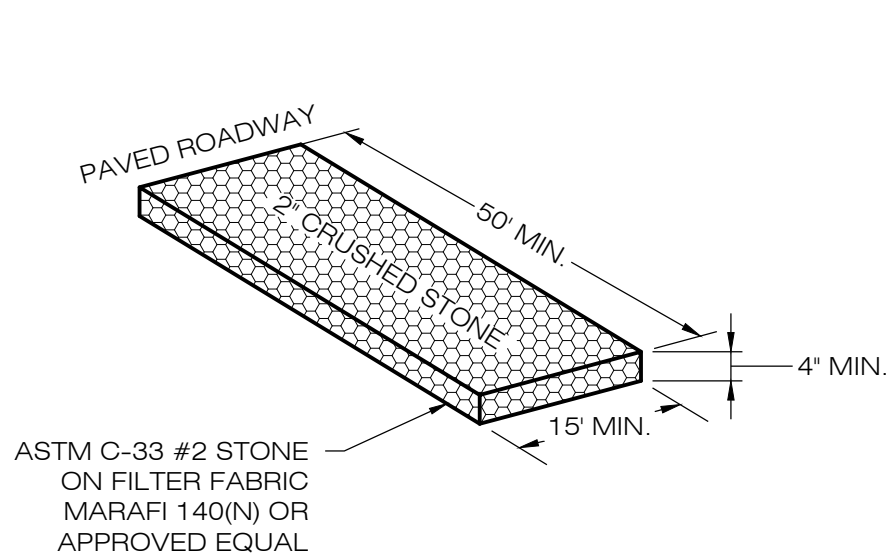
SUTTON SOLAR FACILITY	
SITE	161 ARMSBY ROAD
ADDRESS:	SUTTON, MA 01590
APT FILING NUMBER:	MA481220
DATE:	10/07/20
DRAWN BY:	KAM
CHECKED BY:	BJP

SHEET TITLE:	
SEDIMENTATION & EROSION CONTROL NOTES	
SHEET NUMBER:	
EC-1	

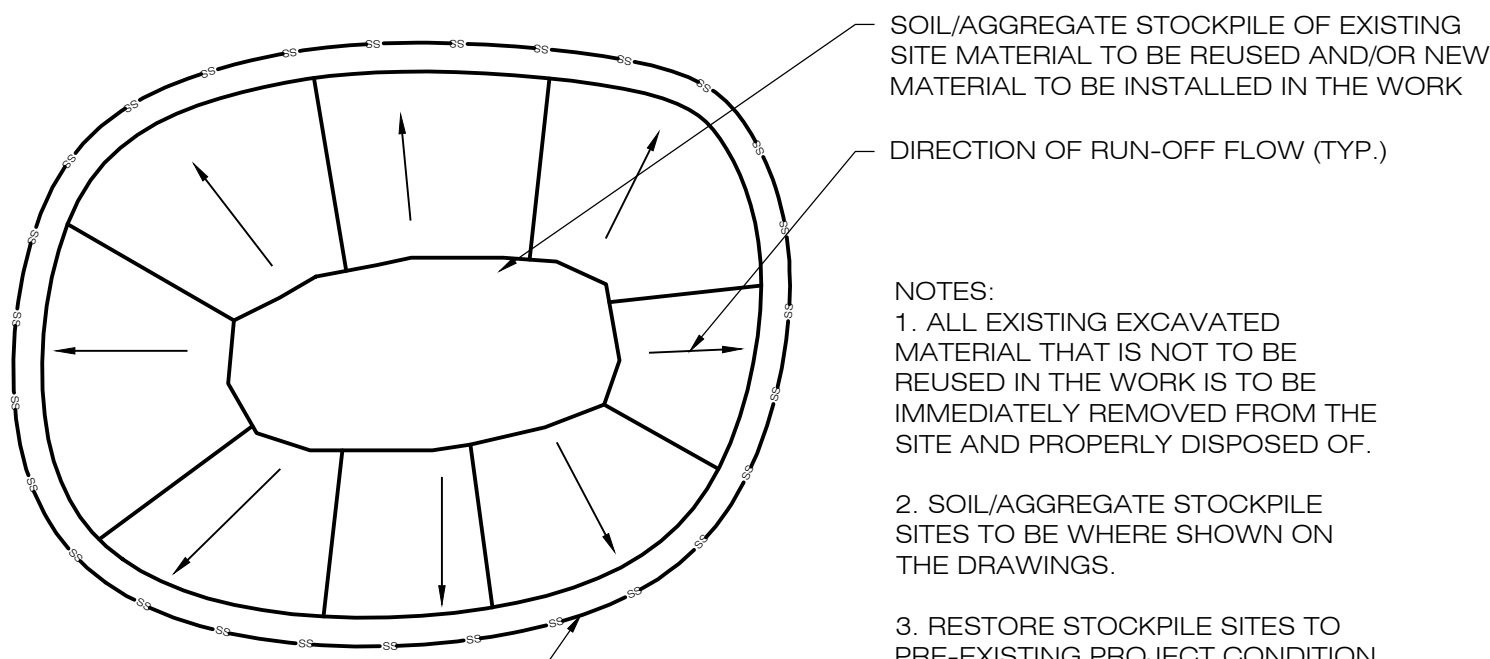


NOTE:
SILT FENCE SHALL BE LAPPED ONLY
WHEN NECESSARY PER THE
MANUFACTURER RECOMMENDATIONS.

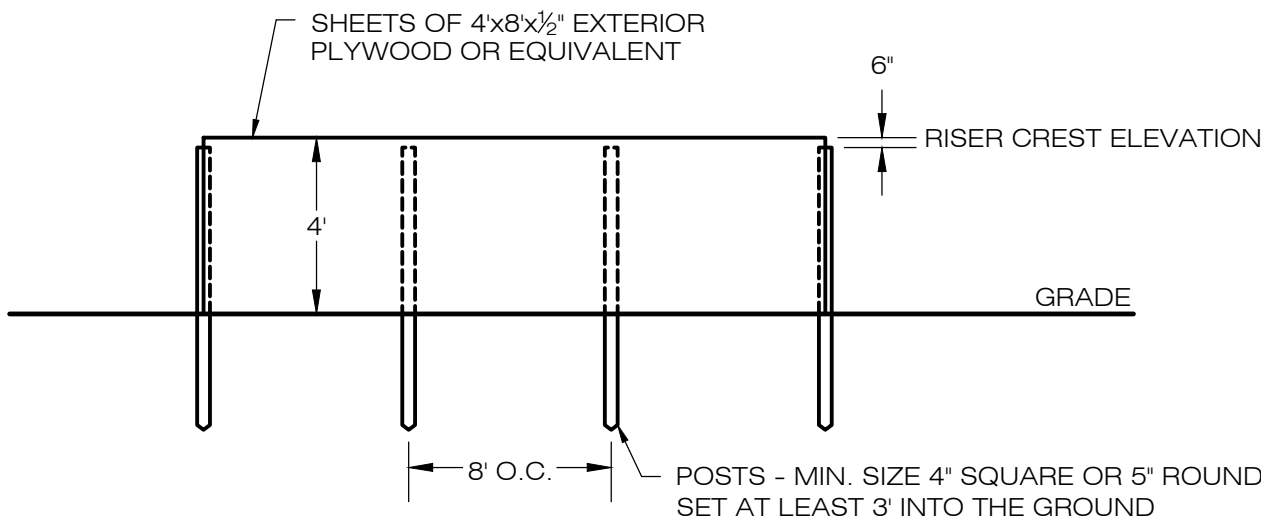
1
EC-2
SILT FENCE DETAIL
SCALE : N.T.S.



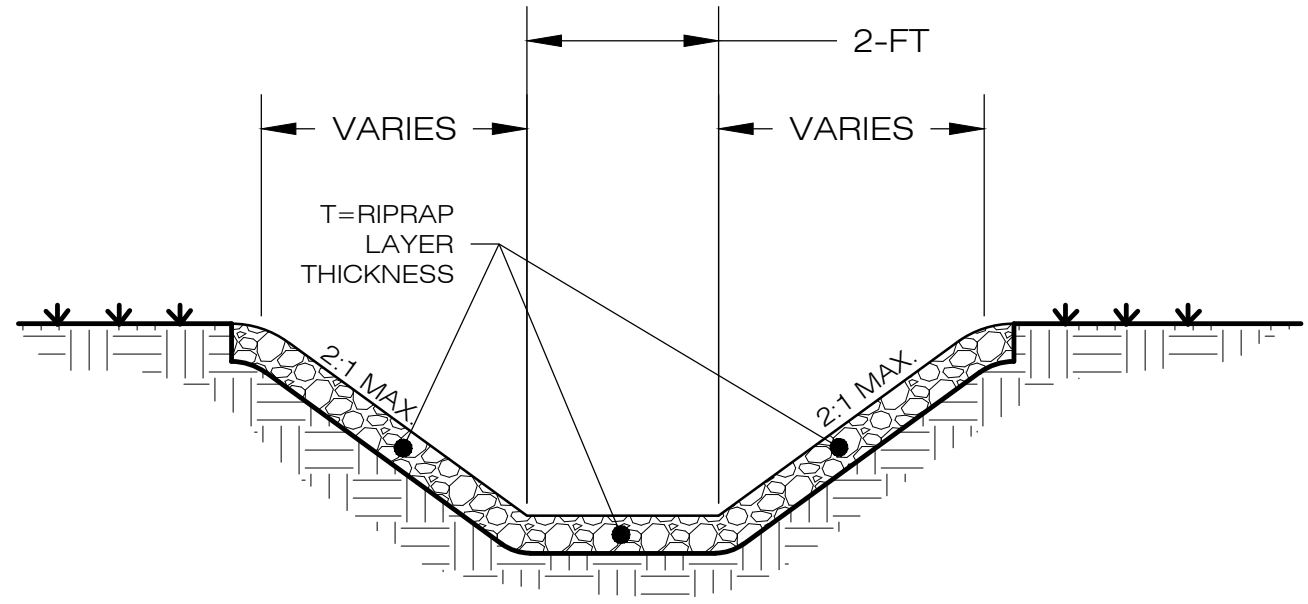
2
EC-2
**CONSTRUCTION
ENTRANCE DETAIL**
SCALE : N.T.S.



3
EC-2
MATERIALS STOCKPILE DETAIL
SCALE : N.T.S.

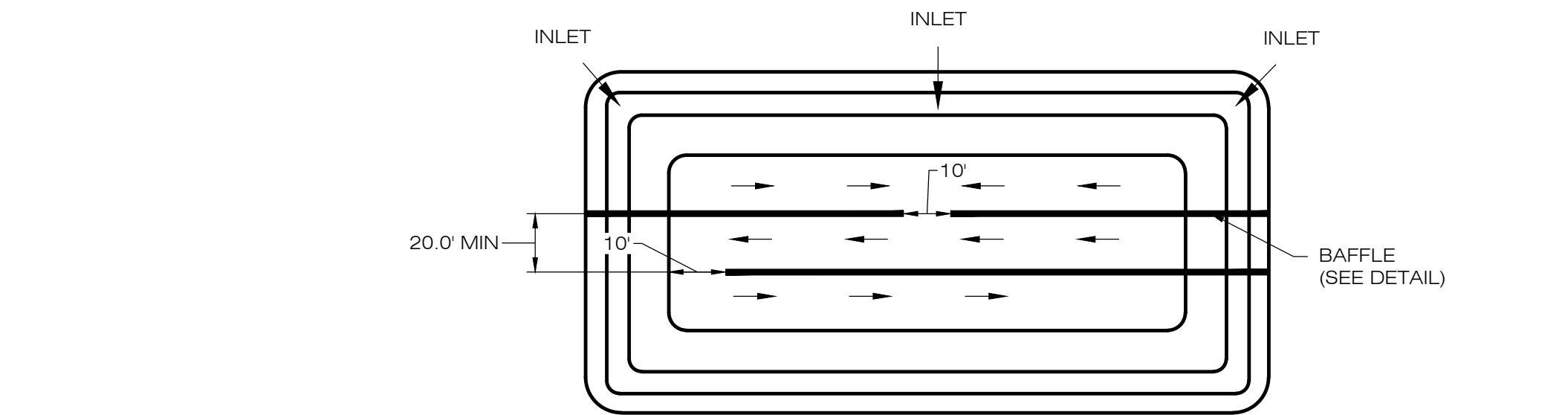


6
EC-2
SEDIMENT TRAP BAFFLE
SCALE : N.T.S.

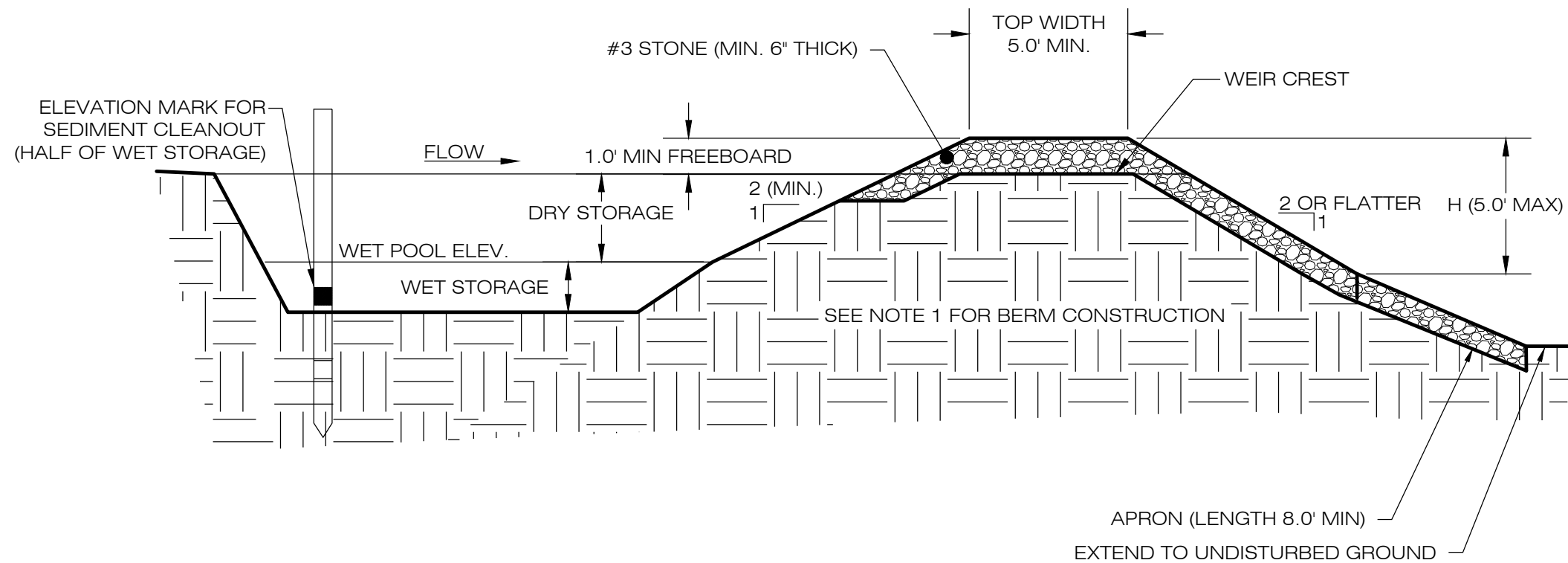


NOTES:
1. T=1.5 TIMES THE MAXIMUM STONE SIZE BUT NOT LESS THAN 12 INCHES.
2. THE TOTAL HEIGHT OF THE LINING IS DEPENDENT UPON THE DESIGN DEPTH
OF FLOW PLUS RUNUP DUE TO CHANNEL CURVATURE, PLUS FREEBOARD
3. IN CHANNELS WITH SIGNIFICANT BOTTOM WIDTHS LOW FLOW CHANNELS
MAY BE INCORPORATED
4. SIDE SLOPES STEEPER THAN 2:1 OR SLOPES WITH UNSUITABLE MATERIAL
WILL REQUIRE ADDITIONAL ANALYSIS.
5. STONE CHECK DAMS SHALL BE INSTALLED IN ALL SWALES

4
EC-2
RIPRAP LINED SWALE
SCALE : NTS

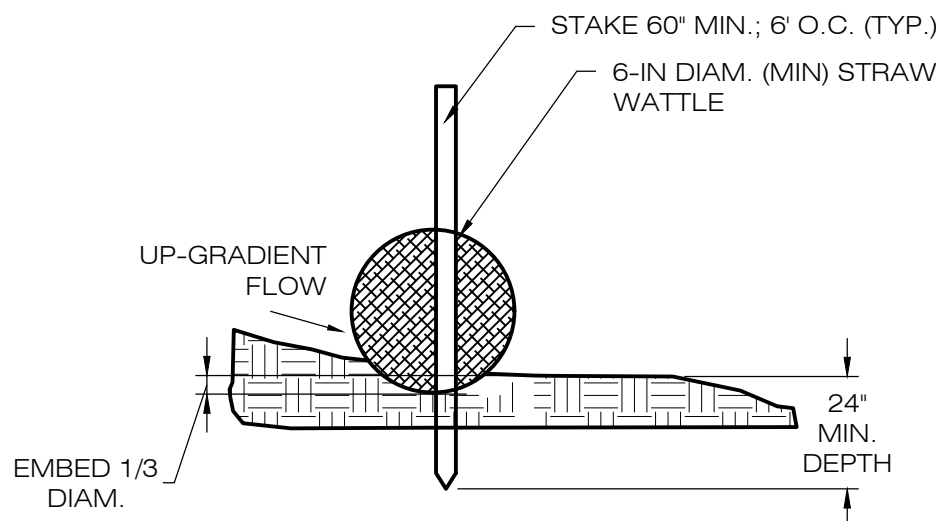


TOP VIEW



NOTES:
1. CONSTRUCT TEMPORARY SEDIMENT BASIN BERMS AND SIDEWALLS PER THE GRASS LINED BASIN DETAIL.
2. SEDIMENT BAFFLES SHALL BE INSTALLED AS SHOWN ON PLAN.

5
EC-2
TEMPORARY SEDIMENT BASIN
SCALE : N.T.S.



7
EC-2
FILTER SOCK (STRAW WATTLE) DETAIL
SCALE : N.T.S.

PLANNING BOARD APPROVAL	
SIGNATURES:	
1.	
2.	
3.	
4.	
5.	
DATE SIGNED:	



1 GRIFFIN ROAD SOUTH
BLOOMFIELD, CT 06002
OFFICE: (860)-580-7174



567 VAUXHAUL STREET EXTENSION - SUITE 311
WATERFORD, CT 06385 PHONE: (860)-863-1697
WWW.ALLPOINTSTECH.COM FAX: (860)-863-0935

PERMITTING

NO	DATE	REVISION
0	10/07/20	ISSUED FOR PB PERMIT APP.
1	10/27/20	RESPONSE TO PB COMMENTS
2	11/12/20	RESP. TO GEI COMMENTS
3	12/22/20	PB CONDITIONS & FIRE DEPT
4		
5		
6		

NOT FOR CONSTRUCTION

DESIGN PROFESSIONAL OF RECORD

PROF: BRADLEY J. PARSONS P.E.
COMP: ALL-POINTS TECHNOLOGY
CORPORATION
ADD: 567 VAUXHAUL STREET
EXTENSION - SUITE 311
WATERFORD, CT 06385

OWNER: BARBARA J FUSARO
ADDRESS: 16 TUTTLE ROAD
SUTTON , MA 01590

SUTTON SOLAR FACILITY

SITE 161 ARMSBY ROAD
ADDRESS: SUTTON, MA 01590

APT FILING NUMBER: MA481220

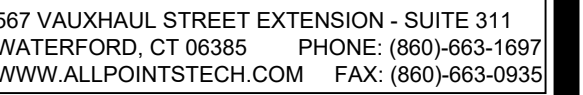
	DRAWN BY: KAM
DATE: 10/07/20	CHECKED BY: BJP

SHEET TITLE:

SEDIMENTATION &
EROSION CONTROL
DETAILS

SHEET NUMBER:

EC-2



PERMITTING

NO	DATE	REVISION
0	10/07/20	ISSUED FOR PB PERMIT APP.
1	10/27/20	RESPONSE TO PB COMMENTS
2	11/12/20	RESP. TO GEI COMMENTS
3	12/22/20	PB CONDITIONS & FIRE DEPT
4		
5		
6		

NOT FOR CONSTRUCTION

DESIGN PROFESSIONAL OF RECORD

PROF: BRADLEY J. PARSONS P.E.
COMP: ALL-POINTS TECHNOLOGY
CORPORATION
ADD: 567 VAUXHAUL STREET
EXTENSION - SUITE 311
WATERFORD, CT 06385

OWNER: BARBARA J FUSARO
ADDRESS: 16 TUTTLE ROAD
SUTTON , MA 01590

SUTTON SOLAR FACILITY

SITE 161 ARMSBY ROAD
ADDRESS: SUTTON, MA 01590

APT FILING NUMBER: MA481220

DRAWN BY: KAM

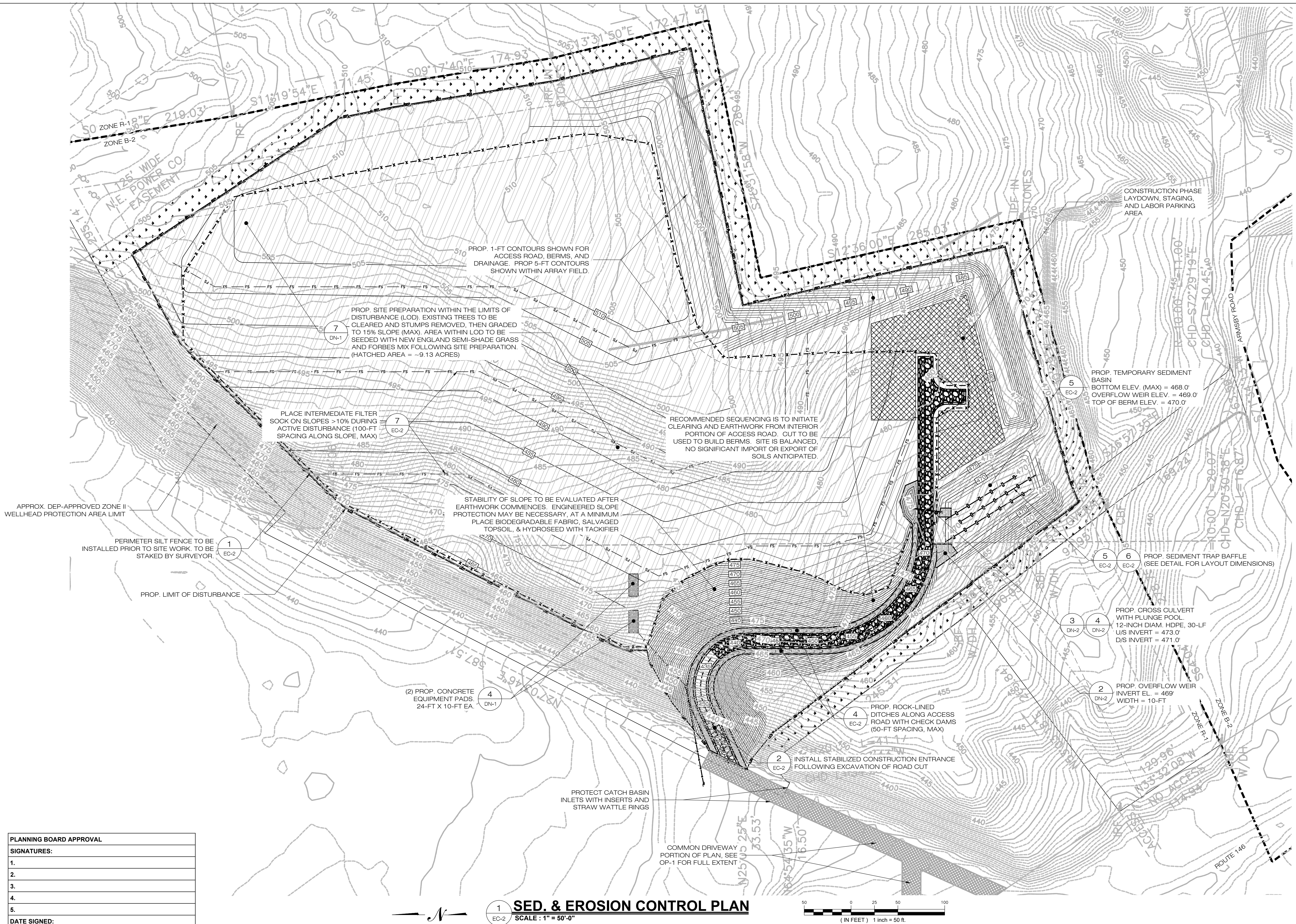
DATE: 10/07/20	CHECKED BY: BJP
----------------	-----------------

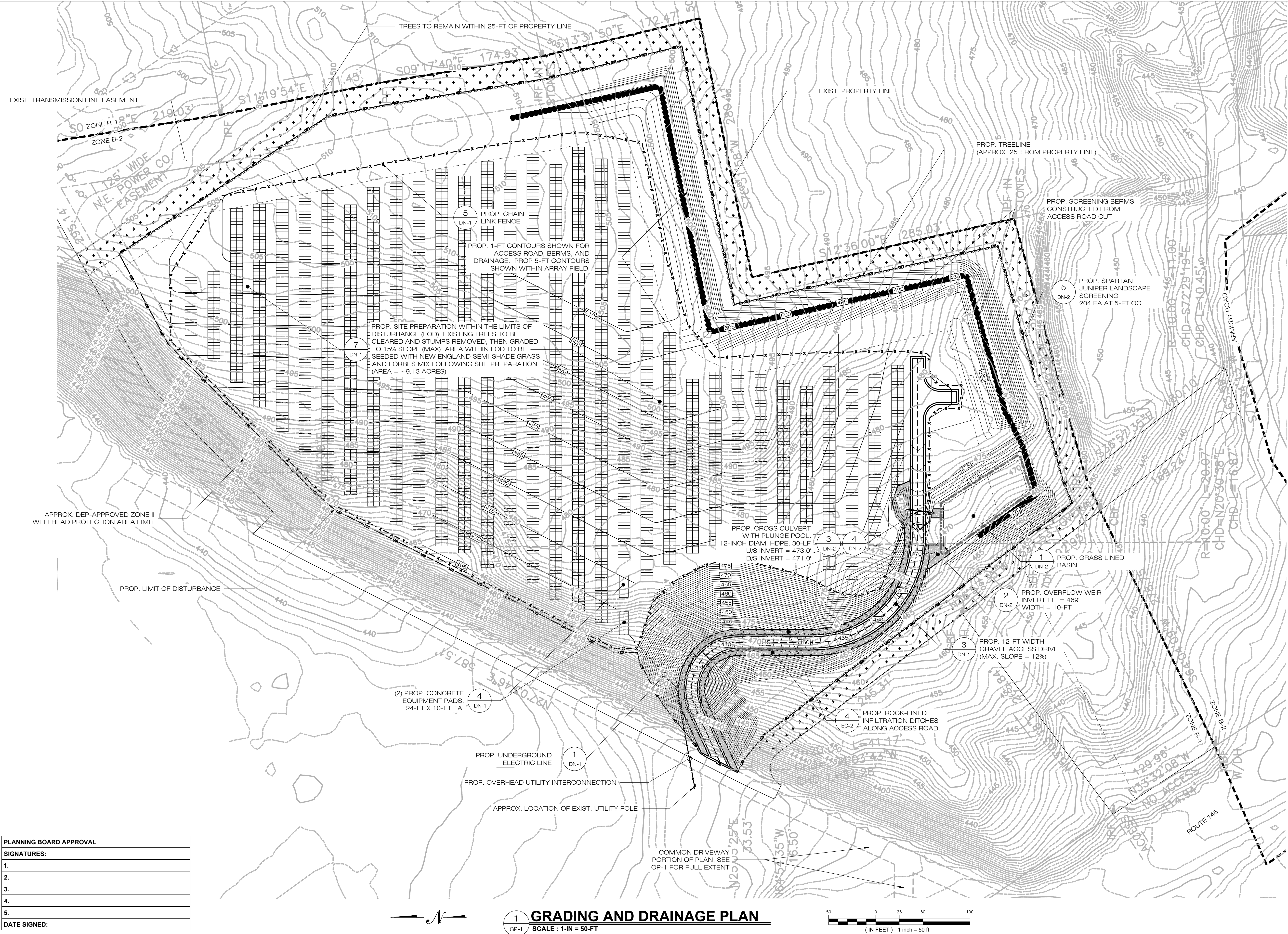
SHEET TITLE:

SEDIMENTATION & EROSION CONTROL PLAN

SHEET NUMBER:

EC-3





1 GRIFFIN ROAD SOUTH
BLOOMFIELD, CT 06002
OFFICE: (860)-580-7174



567 VAUXHAUL STREET EXTENSION - SUITE 311
WATERFORD, CT 06385 PHONE: (860)-863-1697
WWW.ALLPOINTSTECH.COM FAX: (860)-863-0935

PERMITTING

NO	DATE	REVISION
0	10/07/20	ISSUED FOR PB PERMIT APP.
1	10/27/20	RESPONSE TO PB COMMENTS
2	11/12/20	RESP. TO GEI COMMENTS
3	12/22/20	PB CONDITIONS & FIRE DEPT
4		
5		
6		

NOT FOR CONSTRUCTION

DESIGN PROFESSIONAL OF RECORD

PROF: BRADLEY J. PARSONS P.E.
COMP: ALL-POINTS TECHNOLOGY CORPORATION
ADD: 567 VAUXHAUL STREET
EXTENSION - SUITE 311
WATERFORD, CT 06385

OWNER: BARBARA J FUSARO
ADDRESS: 16 TUTTLE ROAD
SUTTON, MA 01590

SUTTON SOLAR FACILITY

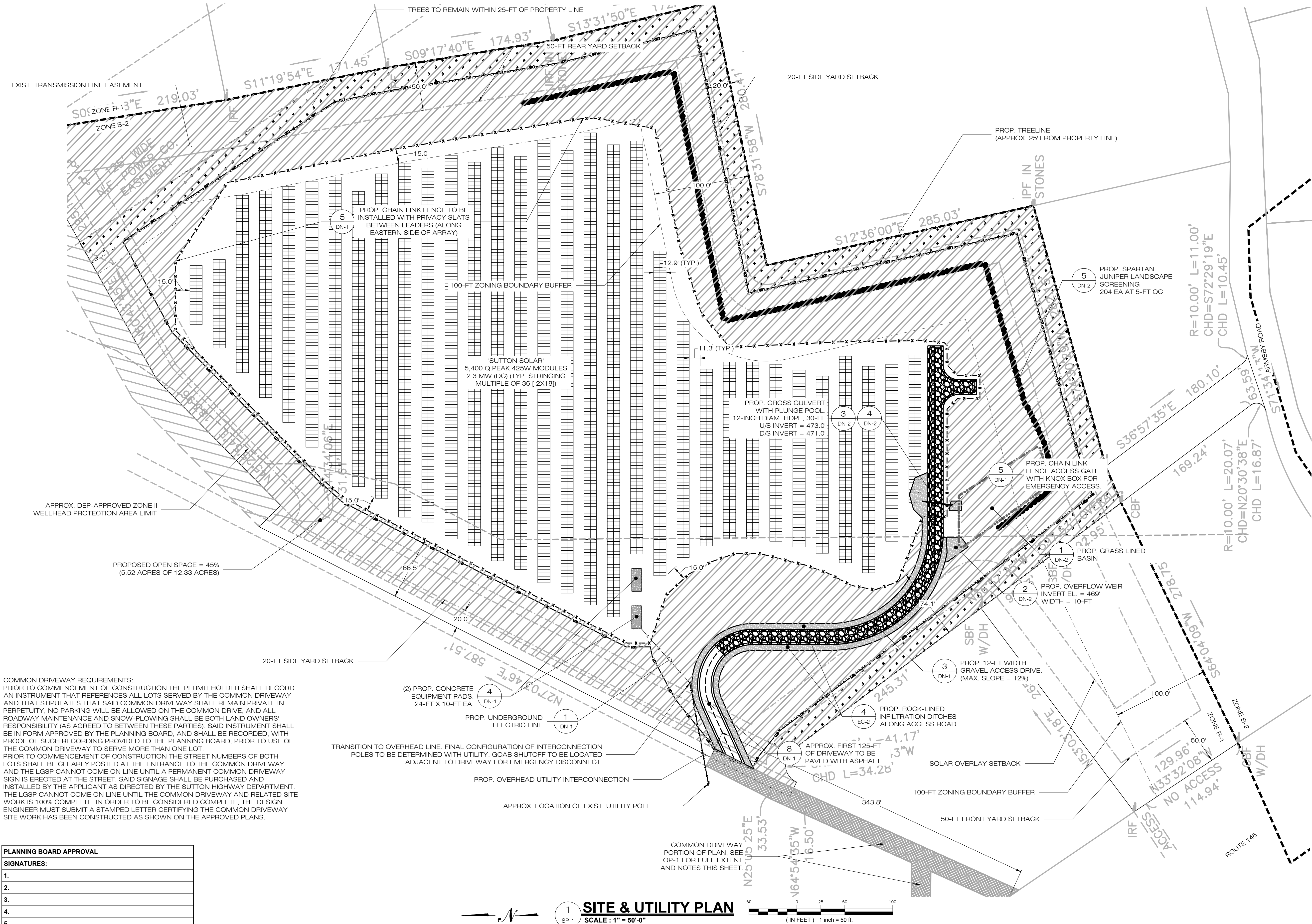
SITE 161 ARMSBY ROAD
ADDRESS: SUTTON, MA 01590

APT FILING NUMBER: MA481220

DRAWN BY: KAM
DATE: 10/07/20 CHECKED BY: BJP

SHEET TITLE:
GRADING AND DRAINAGE PLAN

SHEET NUMBER:
GP-1



1 GRIFFIN ROAD SOUTH
BLOOMFIELD, CT 06002
OFFICE: (860)-580-7174



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

PERMITTING

NO	DATE	REVISION
0	10/07/20	ISSUED FOR PB PERMIT APP.
1	10/27/20	RESPONSE TO PB COMMENTS
2	11/12/20	RESP. TO GEI COMMENTS
3	12/22/20	PB CONDITIONS & FIRE DEPT
4		
5		
6		

NOT FOR CONSTRUCTION

DESIGN PROFESSIONAL OF RECORD

PROF: BRADLEY J. PARSONS P.E.
COMP: ALL-POINTS TECHNOLOGY CORPORATION
ADD: 567 VAUXHAUL STREET
EXTENSION - SUITE 311
WATERFORD, CT 06385

OWNER: BARBARA J FUSARO
ADDRESS: 16 TUTTLE ROAD
SUTTON, MA 01590

SUTTON SOLAR FACILITY

SITE 161 ARMSBY ROAD
ADDRESS: SUTTON, MA 01590

APT FILING NUMBER: MA481220

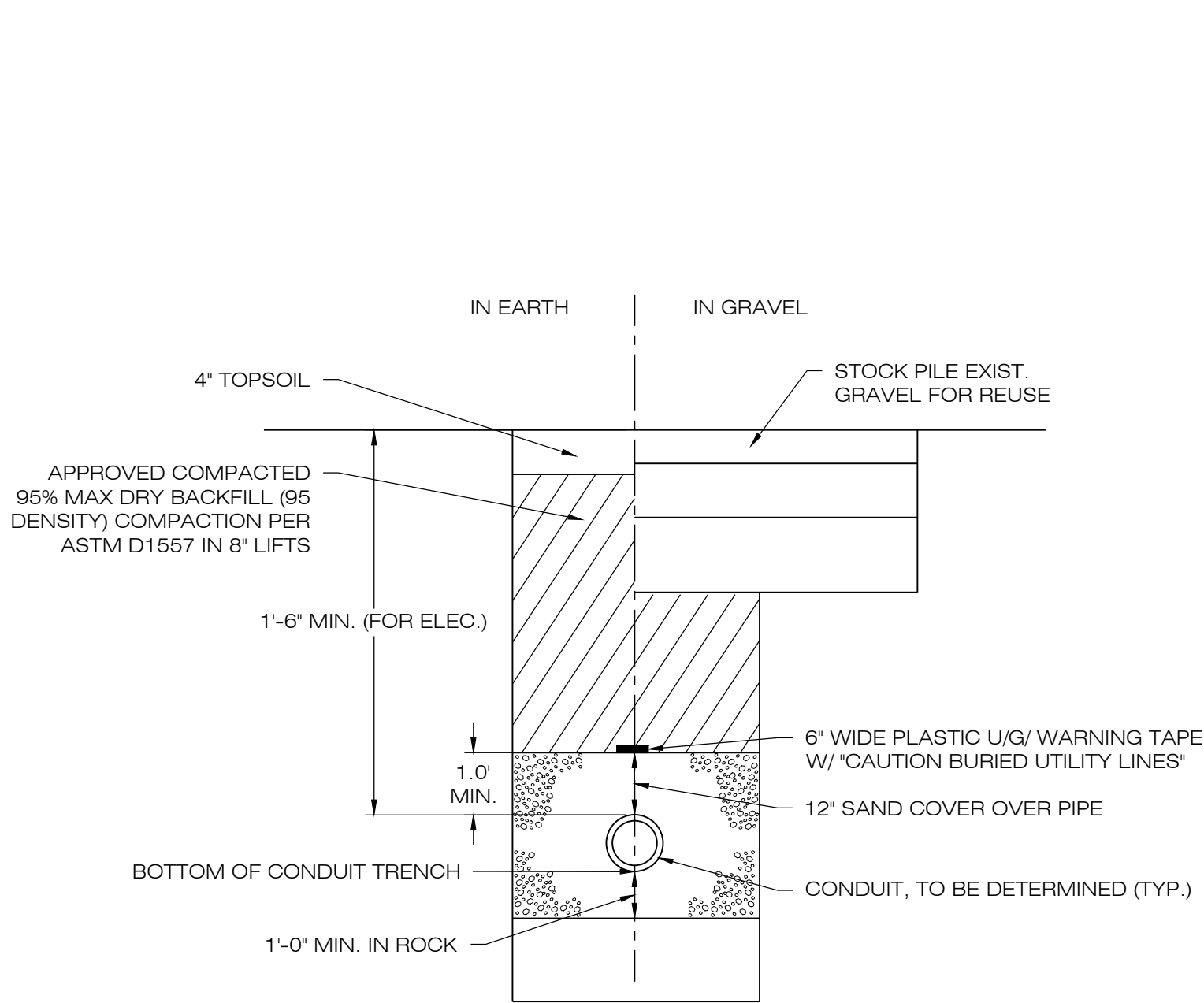
DATE: 10/07/20
DRAWN BY: KAM
CHECKED BY: BJP

SHEET TITLE:

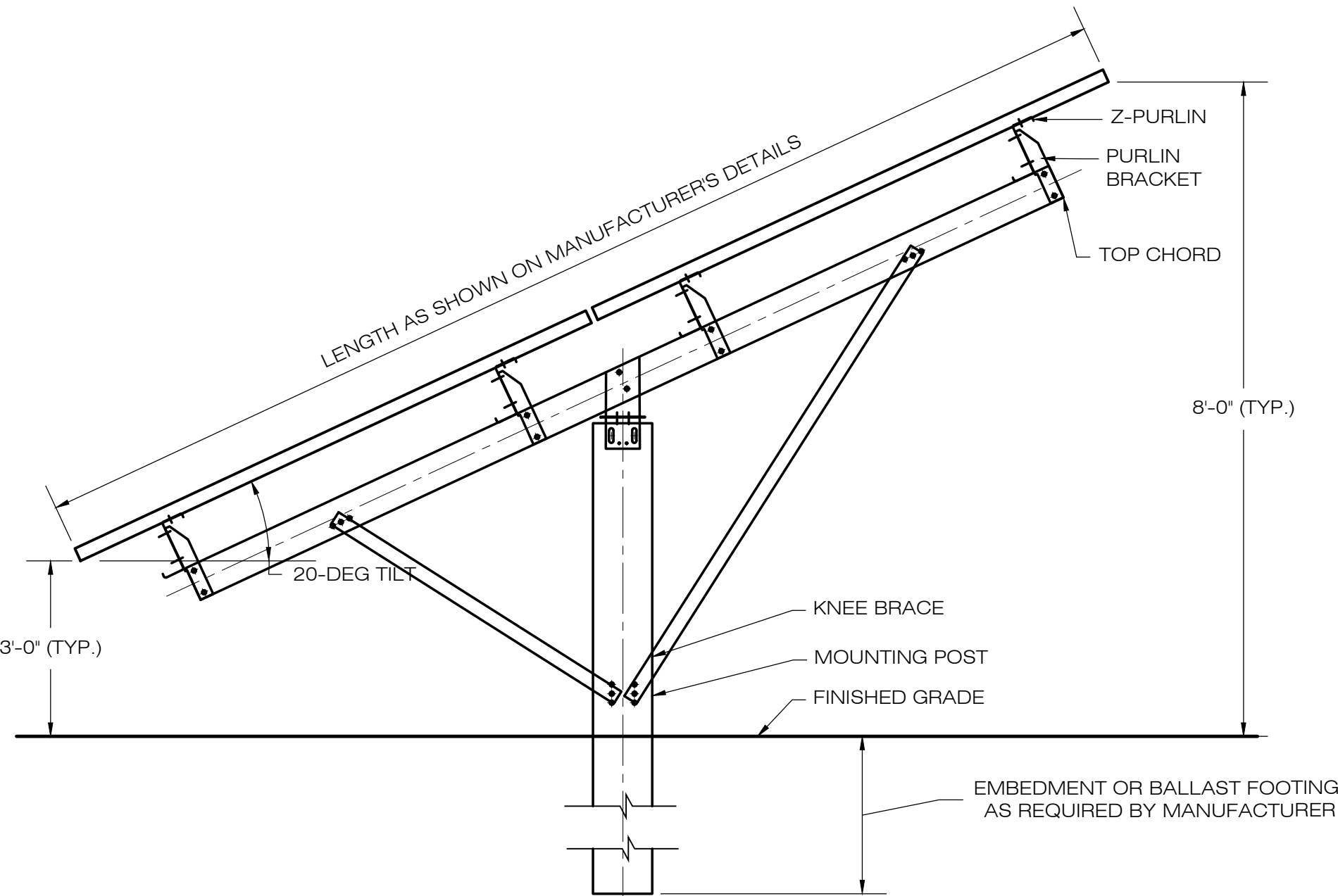
SITE AND UTILITY PLAN

SHEET NUMBER:

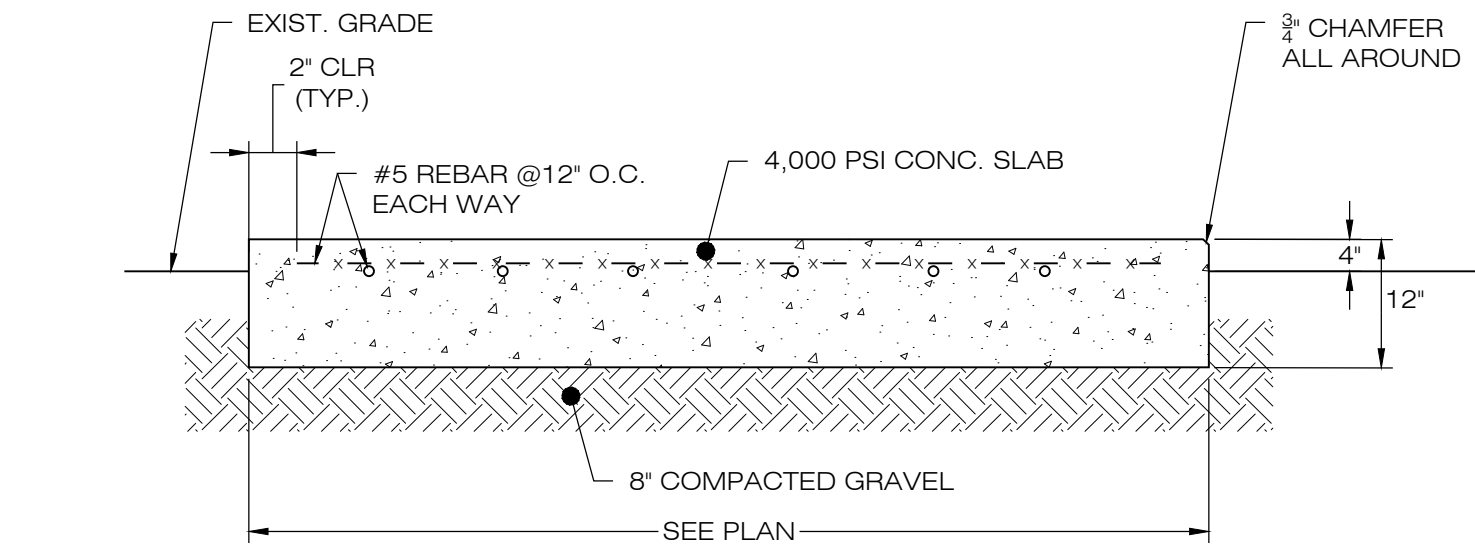
SP-1



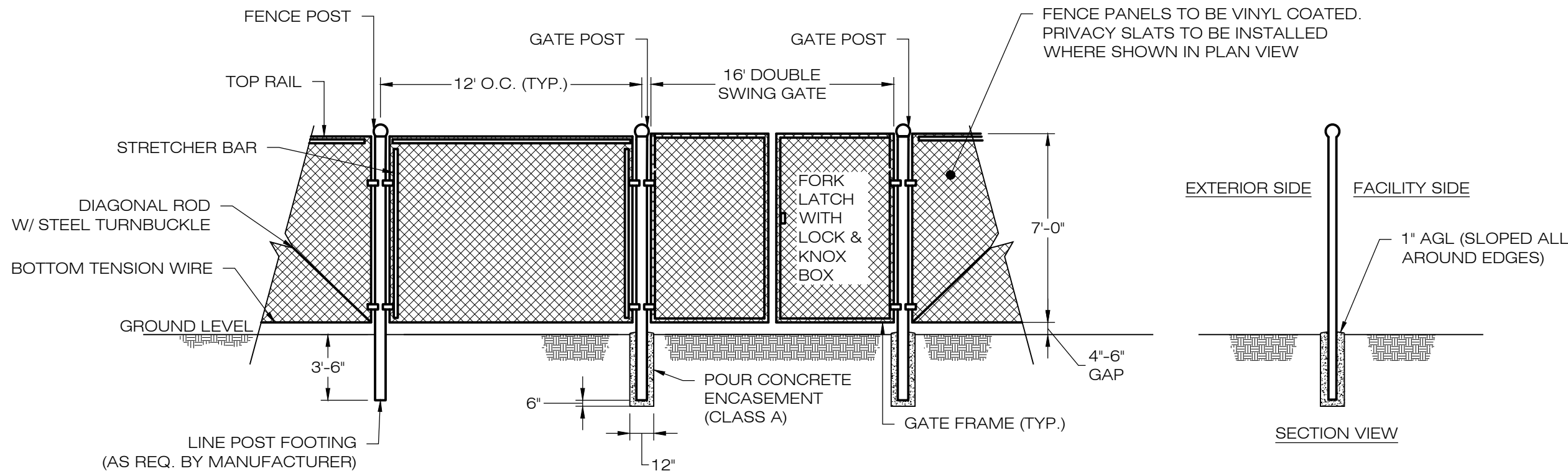
1 **ELECTRICAL TRENCH DETAIL**
SCALE : N.T.S.



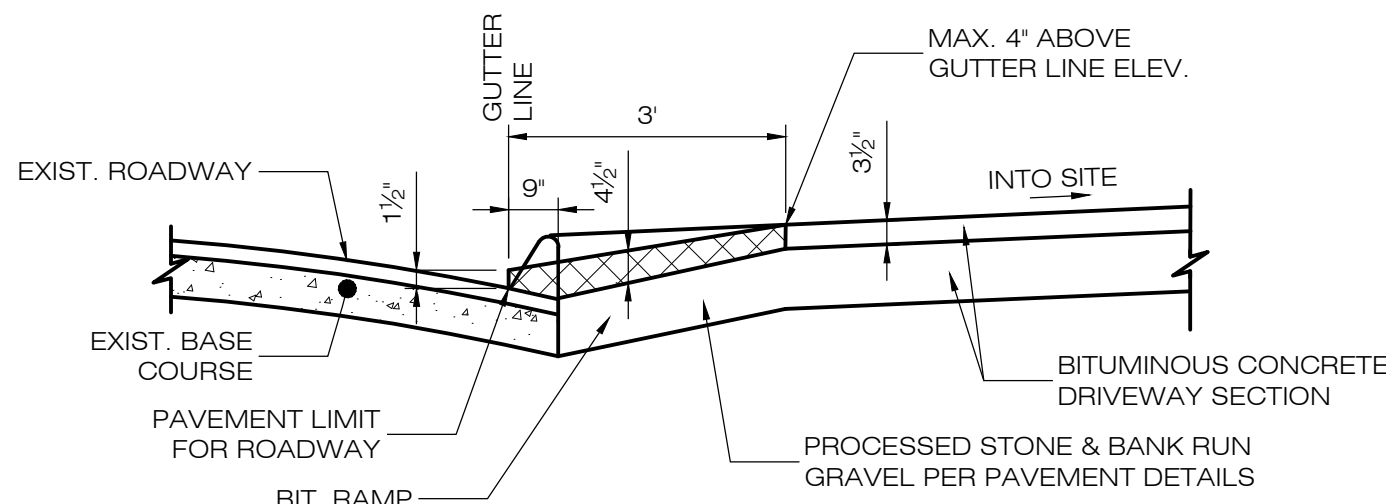
2 **TYPICAL POST MOUNTED RACKING SYSTEM**
SCALE : N.T.S.



4 **CONCRETE EQUIPMENT PAD**
SCALE : N.T.S.

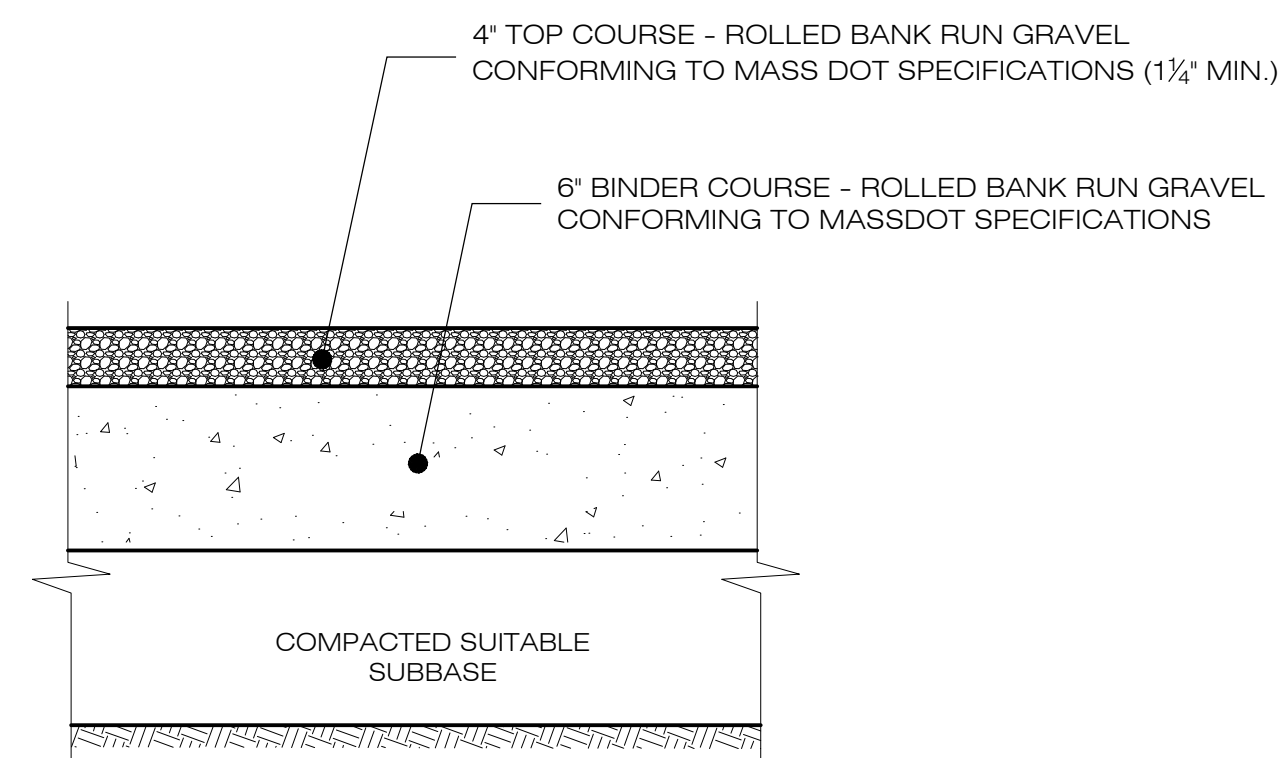


5 **CHAIN-LINK FENCE & GATE DETAIL**
SCALE : N.T.S.



NOTE:
1. COMPACTION TO BE COMPLETED IN 4" LIFTS
2. DEPTHS SHOWN ARE AFTER COMPACTION

8 **BITUMINOUS CONCRETE DRIVEWAY APRON DETAIL**
SCALE : N.T.S.



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

3 **GRAVEL ACCESS DRIVE SECTION**
SCALE : N.T.S.

SUTTON SOLAR FACILITY
C-TEC SOLAR, LLC

IN CASE OF EMERGENCY
CALL T.B.D.

NOTES:
EMERGENCY CALL NUMBER TO BE PROVIDED ONCE DETERMINED.

6 **NOTIFICATION SIGN DETAIL**
SCALE : N.T.S.



Date: June 28, 2020

Ernst Conservation Seeds
8884 Mercer Pike
Meadville, PA 16335
(800) 873-3321 Fax (814) 336-5191
www.ernstseed.com

Showy Northeast Native Wildflower Mix - ERNMX-153-1

Botanical Name	Common Name	Price/lb
20.10 % <i>Echinacea purpurea</i>	Purple Coneflower	39.60
12.00 % <i>Coreopsis lanceolata</i>	Lanceleaf Coreopsis	26.40
12.00 % <i>Rudbeckia hirta</i> , Coastal Plain NC Ecotype	Blackeyed Susan, Coastal Plain NC Ecotype	22.00
10.00 % <i>Chamaecrista fasciculata</i> , PA Ecotype	Partridge Pea, PA Ecotype	6.60
7.00 % <i>Helopsis helianthoides</i> , PA Ecotype	Oxeye Sunflower, PA Ecotype	30.80
6.40 % <i>Tradescantia ohimensis</i> , PA Ecotype	Ohio Spiderwort, PA Ecotype	231.00
5.00 % <i>Liatris spicata</i>	Marsh Blazing Star	231.00
3.50 % <i>Aster oblongifolius</i> , PA Ecotype	Aromatic Aster, PA Ecotype	396.00
3.50 % <i>Aster prenanthoides</i> , PA Ecotype	Zigzag Aster, PA Ecotype	396.00
3.00 % <i>Zizia aurea</i> , PA Ecotype	Golden Alexanders, PA Ecotype	264.00
2.00 % <i>Aster laevis</i> , NY Ecotype	Smooth Blue Aster, NY Ecotype	396.00
2.00 % <i>Aster novae-angliae</i> , PA Ecotype	New England Aster, PA Ecotype	396.00
2.00 % <i>Baptisia australis</i> , Southern WV Ecotype	Blue False Indigo, Southern WV Ecotype	88.00
1.50 % <i>Asclepias tuberosa</i>	Butterfly Milkweed	396.00
1.50 % <i>Pycnanthemum tenuifolium</i>	Narrowleaf Mountainmint	154.00
1.50 % <i>Senna hebecarpa</i> , VA & WV Ecotype	Wild Senna, VA & WV Ecotype	26.40
1.20 % <i>Monarda fistulosa</i> , Fort Indiantown Gap-PA Ecotype	Wild Bergamot, Fort Indiantown Gap-PA Ecotype	105.60
1.10 % <i>Solidago nemoralis</i> , PA Ecotype	Gray Goldenrod, PA Ecotype	396.00
1.00 % <i>Eupatorium coelestinum</i> , VA Ecotype	Mistflower, VA Ecotype	281.60
1.00 % <i>Geum canadense</i> , PA Ecotype	White Avens, PA Ecotype	176.00
1.00 % <i>Penstemon digitalis</i> , PA Ecotype	Tall White Beardtongue, PA Ecotype	176.00
0.60 % <i>Coreopsis tripteris</i> , PA Ecotype	Tall Coreopsis, PA Ecotype	308.00
0.50 % <i>Senna marilandica</i>	Maryland Senna	26.40
0.20 % <i>Oenothera fruticosa</i> var. <i>fruticosa</i>	Sundrops	330.00
0.20 % <i>Solidago odora</i> , PA Ecotype	Licorice Scented Goldenrod, PA Ecotype	352.00
0.10 % <i>Penstemon hirsutus</i>	Hairy Beardtongue	440.00
0.10 % <i>Rudbeckia fulgida</i> var. <i>fulgida</i> , Northern VA Ecotype	Orange Coneflower, Northern VA Ecotype	352.00

100.00 % Mix Price/lb Bulk: \$120.90

Seeding Rate: 5-10 lb per acre with 20 lb per acre of a cover crop (grain oats, Jan 1-Aug 1; grain rye, Aug 1-Jan 1)

Pollinator Favorites; Uplands & Meadows

Contains the showiest native forbs common in the Northeast. Excellent for wildlife food and shelter, including pollinators. 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.

7 **SEMI-SHADE MIX**
SCALE : N.T.S.



**1 GRIFFIN ROAD SOUTH
BLOOMFIELD, CT 06002
OFFICE: (860)-580-7174**



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

PERMITTING

NO	DATE	REVISION
0	10/07/20	ISSUED FOR PB PERMIT APP.
1	10/27/20	RESPONSE TO PB COMMENTS
2	11/12/20	RESP. TO GEI COMMENTS
3	12/22/20	PB CONDITIONS & FIRE DEPT
4		
5		
6		

NOT FOR CONSTRUCTION

DESIGN PROFESSIONAL OF RECORD

PROF: BRADLEY J. PARSONS P.E.
COMP: ALL-POINTS TECHNOLOGY CORPORATION
**ADD: 567 VAUXHAUL STREET
EXTENSION - SUITE 311
WATERFORD, CT 06385**

OWNER: BARBARA J FUSARO
**ADDRESS: 16 TUTTLE ROAD
SUTTON , MA 01590**

SUTTON SOLAR FACILITY

**SITE 161 ARMSBY ROAD
ADDRESS: SUTTON, MA 01590**

APT FILING NUMBER: MA481220

DRAWN BY: KAM
DATE: 10/07/20 CHECKED BY: BJP

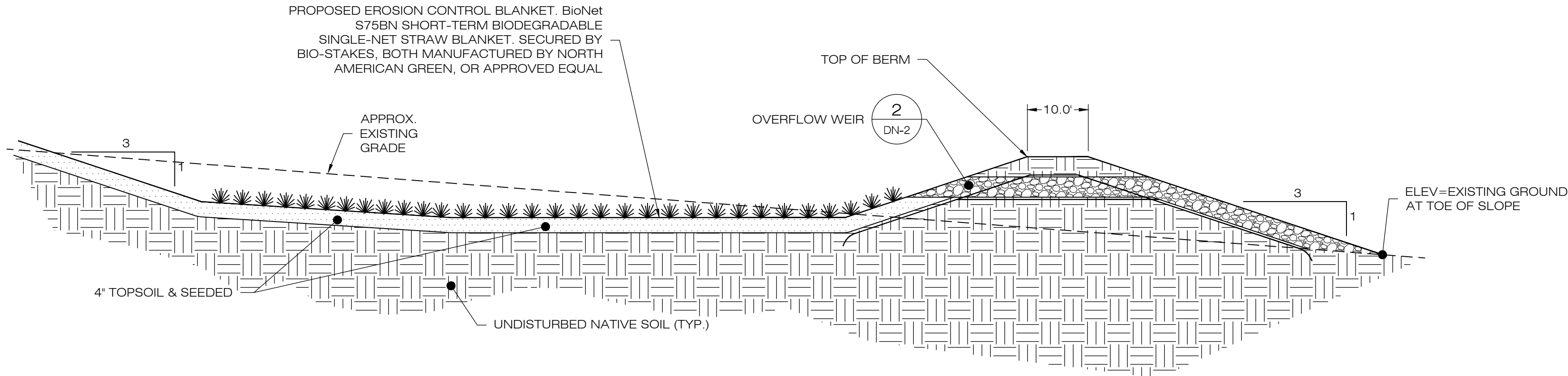
SHEET TITLE:

SITE DETAILS

SHEET NUMBER:

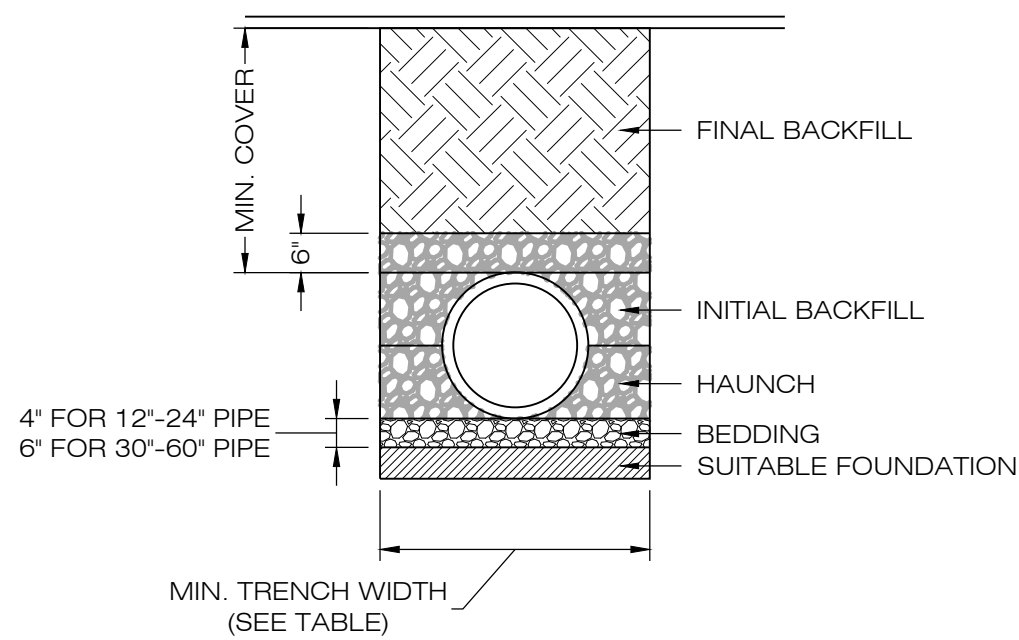
DN-1

PLANNING BOARD APPROVAL
SIGNATURES:
1.
2.
3.
4.
5.
DATE SIGNED:



- NOTES:
- SEED MIX TO BE NEW ENGLAND EROSION CONTROL/ RESTORATION MIX FOR MOIST SITES ON THE BOTTOM OF THE BASIN AND NEW ENGLAND EROSION/RESTORATION MIX FOR DRY SITES ON THE SIDE SLOPES.
 - FOR CONVERTING TEMPORARY SEDIMENT BASIN TO INFILTRATION BASIN, REMOVE BAFFLES, CLEAN OUT SEDIMENT, RESHAPE AS REQUIRED. SEE PLANS FOR BASIN DEPTHS AND ELEVATIONS.
 - INSPECT AND CLEAN PIPES.

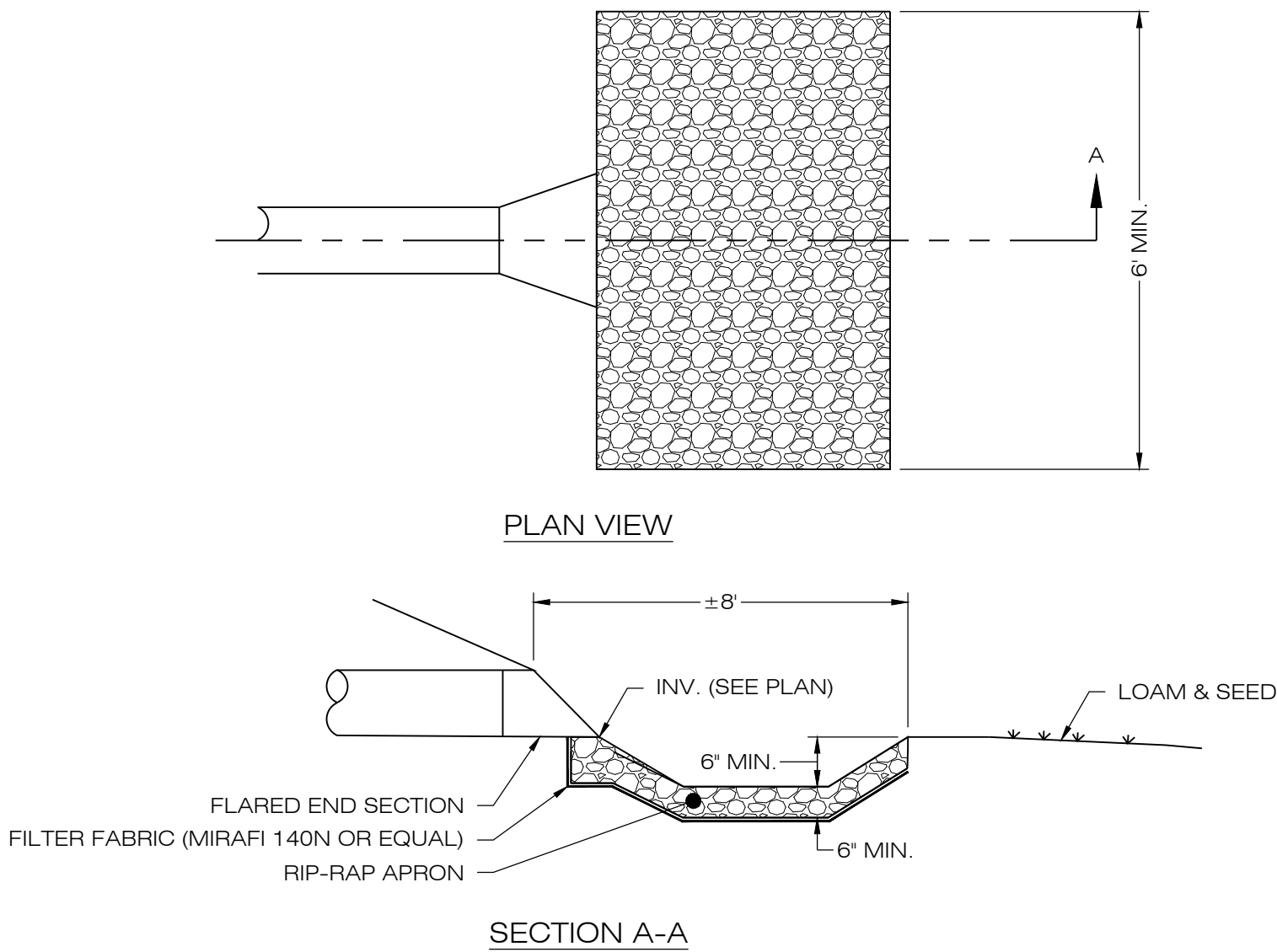
1 GRASS LINED BASIN
SCALE : N.T.S.



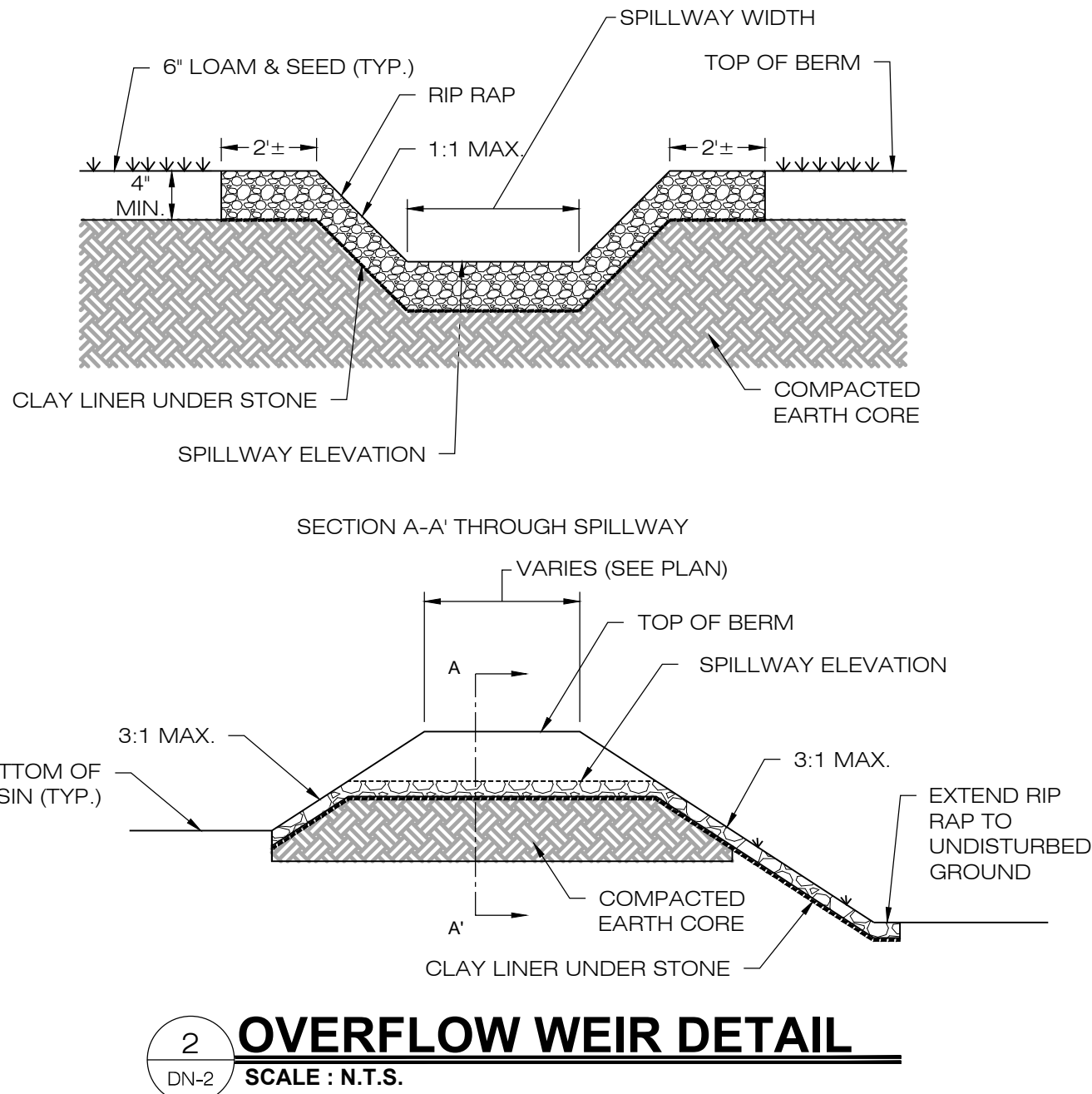
RECOMMENDED MIN. TRENCH WIDTH	
PIPE DIA.	MIN. TRENCH WIDTH
6"	23"
8"	26"
10"	28"
12"	30"
15"	34"
18"	39"
24"	48"
30"	56"
36"	64"
48"	80"
60"	96"

- NOTES:
- ALL PIPE SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH ASTM D2321, "STANDARD PRACTICE FOR UNDERGROUND INSTALLATION OF THERMOPLASTIC PIPE FOR SEWERS AND OTHER GRAVITY FLOW APPLICATIONS", LATEST ADDITION.
 - MEASURES SHOULD BE TAKEN TO PREVENT MIGRATION OF NATIVE FINES INTO BACKFILL MATERIAL, WHEN REQUIRED.
 - FOUNDATION: WHERE THE TRENCH BOTTOM IS UNSTABLE, THE CONTRACTOR SHALL EXCAVATE TO A DEPTH REQUIRED BY THE ENGINEER AND REPLACE WITH SUITABLE MATERIAL AS SPECIFIED BY THE ENGINEER. AS AN ALTERNATIVE AND AT THE DISCRETION OF THE DESIGN ENGINEER, THE TRENCH BOTTOM MAY BE STABILIZED USING A GEOTEXTILE MATERIAL.
 - BEDDING: SUITABLE MATERIAL SHALL BE CLASS I, II OR III. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR MATERIAL SPECIFICATION TO ENGINEER, UNLESS OTHERWISE NOTED BY THE ENGINEER. MINIMUM BEDDING THICKNESS SHALL BE 4" (100mm) FOR 4"-24" (100mm-600mm); 6" (150mm) FOR 30"-60" (750mm-900mm).
 - INITIAL BACKFILL: SUITABLE MATERIAL SHALL BE CLASS I, II OR III IN THE PIPE ZONE EXTENDING NOT LESS THAN 6" ABOVE CROWN OF PIPE. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR MATERIAL SPECIFICATION TO ENGINEER. MATERIAL SHALL BE INSTALLED AS REQUIRED IN ASTM D2321, LATEST EDITION.
 - MINIMUM COVER: MINIMUM COVER, H, IN NON-TRAFFIC APPLICATIONS (GRASS OR LANDSCAPE AREAS) IS 12" FROM THE TOP OF PIPE TO GROUND SURFACE. ADDITIONAL COVER MAY BE REQUIRED TO PREVENT FLOTATION. FOR TRAFFIC APPLICATIONS, MINIMUM COVER, H, IS 12" UP TO 48" DIAMETER PIPE AND 24" OF COVER FOR 54"-60" DIAMETER PIPE, MEASURED FROM TOP OF PIPE TO BOTTOM OF FLEXIBLE PAVEMENT OR TO TOP OF RIGID PAVEMENT.

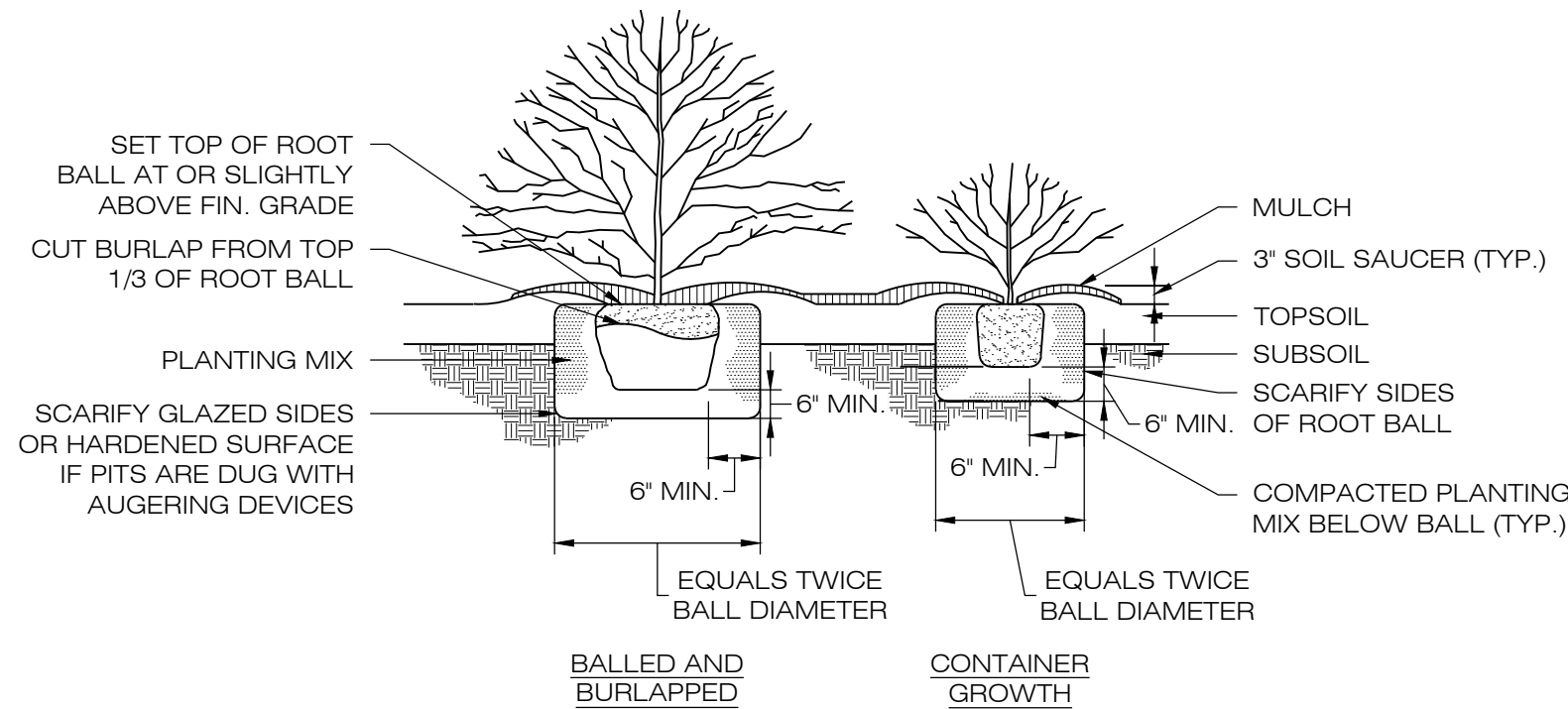
3 HDPE STORM DRAINAGE TRENCH DETAIL
SCALE : N.T.S.



4 FLARED END SECTION/PLUNGE POOL
SCALE : N.T.S.



2 OVERFLOW WEIR DETAIL
SCALE : N.T.S.



- NOTES:
- IN AREAS OF MASS PLANTINGS, CONTINUOUSLY EXCAVATE AND MULCH ENTIRE BED..

5 TYPICAL PLANTING DETAIL
SCALE : N.T.S.

PLANNING BOARD APPROVAL
SIGNATURES:
1.
2.
3.
4.
5.
DATE SIGNED:



1 GRIFFIN ROAD SOUTH
BLOOMFIELD, CT 06002
OFFICE: (860)-580-7174



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

PERMITTING

NO	DATE	REVISION
0	10/07/20	ISSUED FOR PB PERMIT APP.
1	10/27/20	RESPONSE TO PB COMMENTS
2	11/12/20	RESP. TO GEI COMMENTS
3	12/22/20	PB CONDITIONS & FIRE DEPT
4		
5		
6		

NOT FOR CONSTRUCTION

DESIGN PROFESSIONAL OF RECORD

PROF: BRADLEY J. PARSONS P.E.
COMP: ALL-POINTS TECHNOLOGY CORPORATION
ADD: 567 VAUXHAUL STREET
EXTENSION - SUITE 311
WATERFORD, CT 06385

OWNER: BARBARA J FUSARO
ADDRESS: 16 TUTTLE ROAD
SUTTON , MA 01590

SUTTON SOLAR FACILITY

SITE 161 ARMSBY ROAD
ADDRESS: SUTTON, MA 01590

APT FILING NUMBER: MA481220

DRAWN BY: KAM
DATE: 10/07/20 CHECKED BY: BJP

SHEET TITLE:

SITE DETAILS

SHEET NUMBER:

DN-2