

# TORRINGTON SOLAR ONE, LLC

## "TORRINGTON SOLAR ONE, LLC"

### EAST PEARL ROAD TORRINGTON, CT

**TORRINGTON SOLAR ONE, LLC**  
 150 TRUMBULL STREET  
 4TH FLOOR  
 HARTFORD, CT, 06103

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

CSC PERMIT SET		
NO	DATE	REVISION
0	06/15/20	INTERCONNECT SCREENING
1	08/12/20	ROAD DETAIL; IFC
2	08/13/20	PANEL LAYOUT & INTERCONN.
3	08/31/20	90% PERMIT SET
4		
5		
6		

**DESIGN PROFESSIONAL OF RECORD**  
 PROF: BRADLEY J. PARSONS, P.E.  
 COMP: ALL-POINTS TECHNOLOGY CORPORATION  
 ADD: 567 VAUXHALL ST EXT - STE 311  
 WATERFORD, CT 06385

**OWNER:** CATHOLIC CEMETERIES OF ARCHDIOCESE OF HARTFORD  
 ADDRESS: 700 MIDDLETOWN AVENUE  
 NORTH HAVEN, CT 06473

**TORRINGTON SOLAR ONE, LLC**

**SITE:** EAST PEARL ROAD  
**ADDRESS:** TORRINGTON, CT

**APT FILING NUMBER:** CT590190

**DRAWN BY:** KAM  
**CHECKED BY:** BJP

**DATE:** 05/28/2020

**SHEET TITLE:**  
**TITLE SHEET & INDEX**

**SHEET NUMBER:**  
**T-1**

#### LIST OF DRAWINGS

- T-1 TITLE SHEET & INDEX
- 1 TO 6 EXISTING CONDITIONS PLAN PROVIDED BY WSP USA INC. OF 6
- GN-1 GENERAL NOTES
- OP-1 OVERALL SITE PLAN
- EC-1 SEDIMENTATION AND EROSION CONTROL PLAN
- EC-2 SEDIMENTATION AND EROSION CONTROL NOTES
- EC-3 SEDIMENTATION AND EROSION CONTROL DETAILS
- SP-1 SITE & UTILITY PLAN
- GP-1 GRADING & DRAINAGE PLAN
- DN-1 SITE DETAILS
- DN-2 ENVIRONMENTAL NOTES

#### SITE INFORMATION

**SITE NAME:** "TORRINGTON SOLAR ONE, LLC"

**LOCATION:** EAST PEARL ROAD  
TORRINGTON, CT

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

**PROPERTY OWNER:** CATHOLIC CEMETERIES ASSOCIATION OF THE ARCHDIOCESE OF HARTFORD, INC.  
700 MIDDLETOWN AVENUE  
NORTH HAVEN, CT 06473

**APPLICANT:** TORRINGTON SOLAR ONE, LLC  
150 TRUMBULL STREET, 4TH FLOOR  
HARTFORD, CT 06103

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

**LATITUDE:** 41° 49' 49" N  
**LONGITUDE:** 73° 4' 24" W  
**ELEVATION:** 1145± AMSL

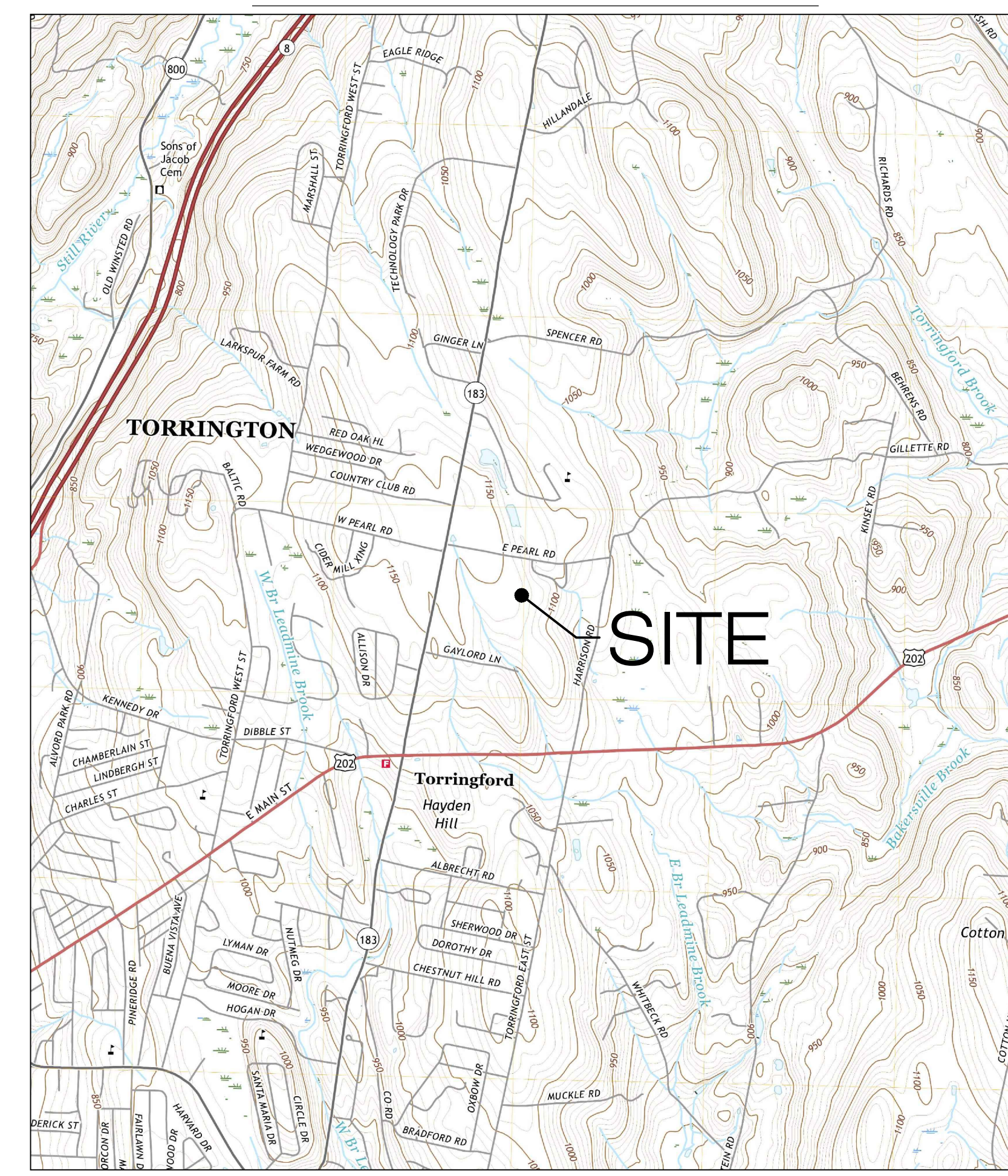
**MBLU:** 246/003/003/2  
**ZONE:** R-15S/R-WP  
**EXISTING LAND USE:** AGRICULTURAL  
**PROPOSED LAND USE:** 20.00 UTILITY COMPANIES AND ENERGY PRODUCTION

**TOTAL SITE ACERAGE:** 66.45± AC.  
**TOTAL DISTURBED AREA:** 11.15± AC.

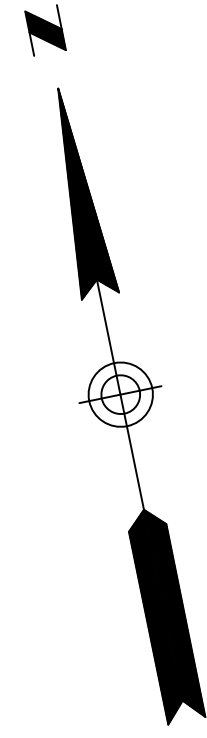
**APPROX. VOLUME OF CUT:** 905± CY  
**APPROX. VOLUME OF FILL:** 0 ± CY  
**APPROX. NET VOLUME:** 905 ± CY OF CUT

**PROP. GRAVEL ACCESS ROAD:** 1,385± LINEAR FEET  
**PROP. SILT FENCE:** 2,740± LINEAR FEET  
**TREE CLEARING AREA:** 0 ACRE  
**EFFECTIVE IMPERVIOUS AREA:** 17,500± SQUARE FEET

#### USGS TOPOGRAPHIC MAP



SCALE : 1-IN = 2000-FT SOURCE: USGS TORRINGTON QUADRANGLE 2018 (TOPOZONE)



**LOCUS MAP (N.T.S.)**

**GENERAL NOTES**

- A) THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE REGULATIONS OF CONNECTICUT STATE AGENCIES, SECTIONS 20-300b-1 THROUGH 20-300b-20 AND THE STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT AS ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS.
- B) THIS PLAN CONFORMS TO HORIZONTAL ACCURACY CLASS A-2, AND TOPOGRAPHIC ACCURACY CLASS T-2.
- C) BOUNDARY DETERMINATION IS BASED UPON A RESURVEY WITH RESPECT TO TORRINGTON STREET AND THE EASTERN AND SOUTHERN MOST PROPERTY LINES. BOUNDARY DETERMINATIONS OF THE NORTHERN LINE OF EAST PEARL ROAD AND THE WESTERN LINE OF HARRISON STREET ARE BASED UPON AN ORIGINAL SURVEY AND SHOULD BE CONSIDERED ASSUMED, NO LAYOUTS OF EITHER STREET OR PREVIOUS SURVEYS WERE FOUND DEPICTING ROADWAY GEOMETRY.
- D) THE TYPE OF SURVEY PERFORMED IS A PROPERTY AND TOPOGRAPHIC SURVEY AND IS INTENDED TO DEPICT LAND NOW OR FORMERLY CATHOLIC CEMETERIES ASSOCIATION OF THE ARCHDIOCESE OF HARTFORD, INC. LOCATED SOUTH OF EAST PEARL ROAD.
- NORTH ARROW AND BEARINGS REFER TO THE CONNECTICUT STATE PLANE COORDINATE SYSTEM (NAD83 EPOCH2011) AND ARE BASED ON GPS OBSERVATIONS PERFORMED BY WSP USA.
- ELEVATIONS REFER TO NAVD 88 AND ARE BASED ON GPS OBSERVATIONS PERFORMED BY WSP USA.
- UNDERGROUND UTILITIES DEPICTED HAVE BEEN PLOTTED FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. THE SURVEYOR MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES DEPICTED COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES DEPICTED ARE IN THE EXACT LOCATION INDICATED. THE SURVEYOR HAS NOT PHYSICALLY EXPOSED THE UNDERGROUND UTILITIES. PER CONNECTICUT STATE LAW THE CONTRACTOR SHALL CONFIRM THE LOCATION OF ALL UTILITIES PRIOR TO THE COMMENCEMENT OF EXCAVATION.
- SUBJECT PARCEL IS LOCATED IN ZONE C, AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN AS DEPICTED ON FIRM MAP NUMBER 0900480011B, PANEL NUMBER 11 OF 20, EFFECTIVE DATE: FEBRUARY 3, 1982.
- SUBJECT PARCEL IS LOCATED PARTIALLY IN R-155 (RESIDENTIAL 15,000 SF LOT SIZE, SINGLE FAMILY, AND PARTIALLY IN RWP (WATERSHED PROTECTION ZONE).
- PARCEL IS SUBJECT TO A LICENSE AGREEMENT BETWEEN CATHOLIC CEMETERIES ASSOCIATION OF THE ARCHDIOCESE OF HARTFORD, INC. AND THE CITY OF TORRINGTON.

**MAP REFERENCES**

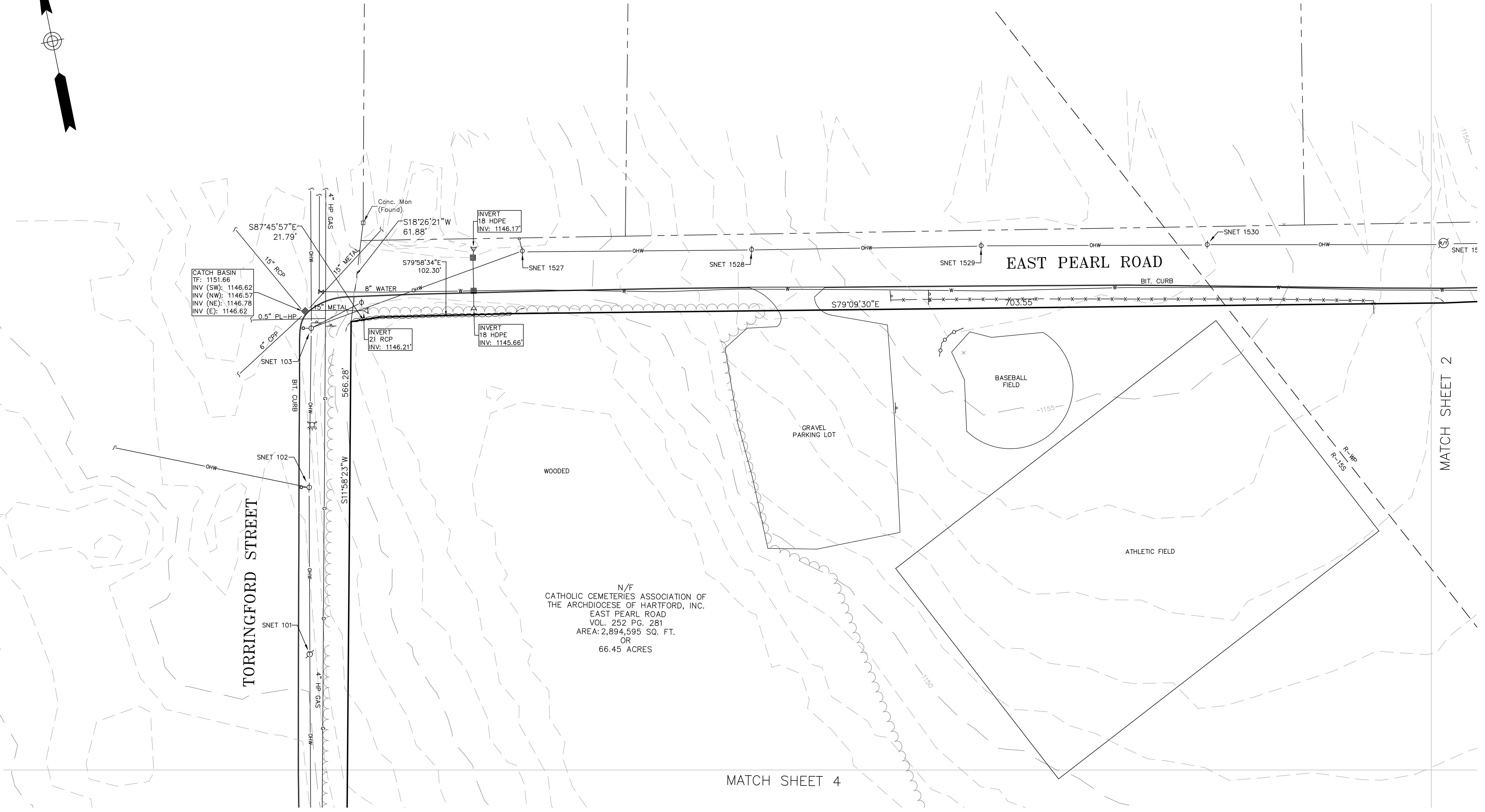
- "MAP SHOWING REVISED PROPERTY LINE", SCALE: 1"=10'; DATE: AUGUST 1994; PREPARED BY NERIANI SURVEYING, AND RECORDED AS MAP NUMBER 4108 WITH THE TORRINGTON LAND RECORDS.
- "PLAN PREPARED FOR JOYCE C. WEINGART, PHILIP DONALD WEINGART, JR. & WILLIAM WEINGART", SCALE: 1"=100'; DATE: SEPTEMBER 2010; PREPARED BY DAVID J. LITTLE, AND RECORDED AS MAP NUMBER 5360 WITH THE TORRINGTON LAND RECORDS.
- "LOT LINE REVISION", SCALE: 1"=30'; DATE: OCTOBER, 2001; PREPARED BY STERLING LAND SURVEYING AND RECORDED AS MAP NUMBER 4650 WITH THE TORRINGTON LAND RECORDS.
- "PEARLWOOD A SUBDIVISION OF PROPERTY", SCALE: 1"=50'; DATE: SEPTEMBER 1966; PREPARED BY G.A. HANSON, AND RECORDED AS MAP NUMBER 794 WITH THE TORRINGTON LAND RECORDS.
- "PROPERTY SURVEY", SCALE: 1"=60'; DATE: SEPTEMBER 9, 2001; PREPARED BY HRICA ASSOCIATES LLC AND RECORDED AS MAP NUMBER 5419 WITH THE TORRINGTON LAND RECORDS.
- "PROPERTY LINE REVISION & MERGER MAP", SCALE: 1"=100'; DATE: OCTOBER 20, 2016; PREPARED BY ARTHUR HOWLAND & ASSOCIATES AND RECORDED AS MAP NUMBER 5566 WITH THE TORRINGTON LAND RECORDS.
- "IMPROVEMENT LOCATION SURVEY, PROPERTY OF LAURIE A. ZUCCA, 1440 TORRINGTON STREET, TORRINGTON, CONNECTICUT" SCALE: 1"=20'; DATE: MAY, 2009; PREPARED BY GM2 ASSOCIATES.
- CDOT BASE MAP SHEETS 1 AND 2 FOR PROJECT NUMBER 143-15.

REVISION	DATE	DESCRIPTION
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**PROPERTY AND TOPOGRAPHIC SURVEY  
EAST PEARL ROAD  
TORRINGTON, CONNECTICUT  
PREPARED FOR  
TORRINGTON ONE SOLAR, LLC.**



Drawn By	MG/JWG	Date	APRIL 1, 2020	Job No.	190379B
Surveyed By	JWG/ZJM	Scale	1" = 40'	Sheet No.	1 OF 6
Checked By	MG				
Book No.	-				



CATCH BASIN  
TF: 1151.66  
INV (SW): 1146.62  
INV (NW): 1146.57  
INV (NE): 1146.78  
INV (E): 1146.62

INVERT  
21 RCP  
INV: 1146.21

INVERT  
18 HDPE  
INV: 1145.66

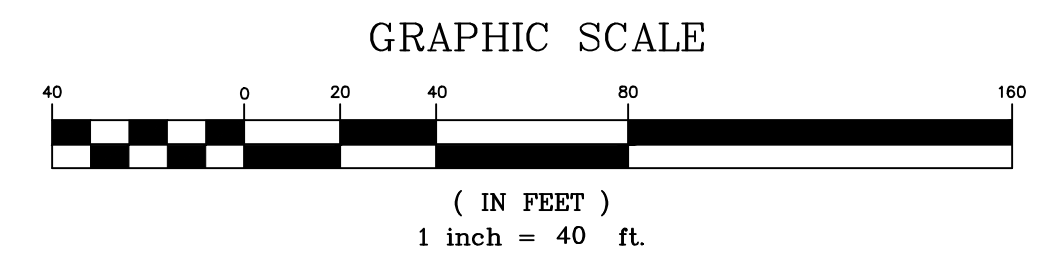
INVERT  
18 HDPE  
INV: 1146.17

N/F  
CATHOLIC CEMETERIES ASSOCIATION OF  
THE ARCHDIOCESE OF HARTFORD, INC.  
EAST PEARL ROAD  
VOL. 252 PG. 281  
AREA: 2,894,595 SQ. FT.  
OR  
66.45 ACRES

**LEGEND**

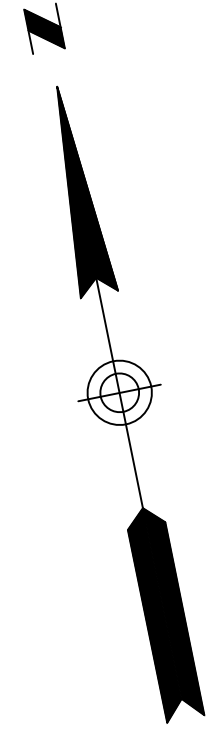
- |                       |  |                        |
|-----------------------|--|------------------------|
| CB □ CONCRETE BOUND   | ☉ UTILITY POLE WITH RISER                        | 🌳 DECIDUOUS TREE       |
| IPF ⊙ IRON PIPE FOUND | ⊙ UTILITY POLE                                   | 🌲 CONIFER TREE         |
| IRF ⊙ IRON ROD FOUND  | ⊙ UTILITY POLE WITH LIGHT                        | 🌿 SHRUB                |
| SB □ STONE BOUND      | ⊙ UTILITY POLE WITH LIGHT AND RISER              | — SIGN (SINGLE POSTED) |
| ■ CATCH BASIN         | ⊙ UTILITY POLE WITH LIGHT AND TRANSFORMER        | — SIGN (DOUBLE POSTED) |
| ▽ CULVERT             | ⊙ UTILITY POLE WITH LIGHT, RISER AND TRANSFORMER | — POST                 |
| ⊙ DRAIN MANHOLE       | ⊙ UTILITY POLE WITH TRANSFORMER                  | — MAILBOX              |
| ⊙ ELECTRIC BOX        | ⊙ UTILITY POLE WITH RISER AND TRANSFORMER        | — LIGHT POLE           |
| ⊙ ELECTRIC METER      | ⊙ FIRE HYDRANT                                   | — BOLLARD              |
| ⊙ WATER GATE          |  | — VALVE                |

- |                     |                         |
|---------------------|-------------------------|
| — ABUTTERS LOT LINE | — UNDERGROUND ELECTRIC  |
| — PROPERTY LINE     | — UNDERGROUND CABLE     |
| — CHAIN LINK FENCE  | — TELEPHONE LINE        |
| — WOOD FENCE        | — OVERHEAD WIRES        |
| — METAL/WIRE FENCE  | — STONE WALL            |
| — DRAIN LINE        | — TREE LINE             |
| — WATER LINE        | — INTERMEDIATE CONTOURS |
| — UNDERGROUND CABLE | — INDEX CONTOURS        |



TO MY KNOWLEDGE AND BELIEF THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON.

MICHAEL J. GARON L.S. #70366  
NO CERTIFICATION IS EXPRESSED OR IMPLIED UNLESS THIS MAP BEARS THE ORIGINAL SIGNATURE AND EMBOSSED SEAL OF THE ABOVE NAMED LAND SURVEYOR.

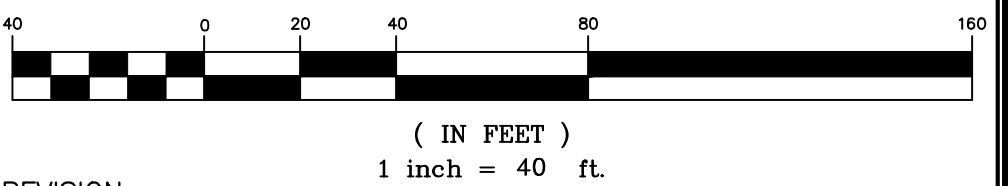


LOCUS MAP  
(N.T.S.)

LEGEND

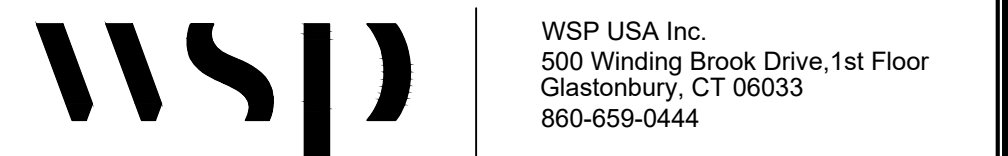
- CB □ CONCRETE BOUND
- IP @ IRON PIPE FOUND
- IR @ IRON ROD FOUND
- SB □ STONE BOUND
- CB □ CATCH BASIN
- CL < CULVERT
- DM ○ DRAIN MANHOLE
- EB □ ELECTRIC BOX
- EM ○ ELECTRIC METER
- WG ⊕ WATER GATE
- UP ⊕ UTILITY POLE WITH RISER
- UP ⊕ UTILITY POLE
- UL ⊕ UTILITY POLE WITH LIGHT
- UL ⊕ UTILITY POLE W/ LIGHT/TRANSFORMER
- UL ⊕ UTILITY POLE WITH TRANSFORMER
- UL ⊕ UTILITY POLE W/ RISER/TRANSFORMER
- FH ⊕ FIRE HYDRANT
- DT ○ DECIDUOUS TREE
- CT ○ CONIFER TREE
- SR ○ SHRUB
- SP ○ SIGN (SINGLE POSTED)
- SD ○ SIGN (DOUBLE POSTED)
- PO ○ POST
- MB □ MAILBOX
- LP ○ LIGHT POLE
- BO ○ BOLLARD
- VA ○ VALVE
- AL — ABUTTERS LOT LINE
- PL — PROPERTY LINE
- CLF — CHAIN LINK FENCE
- WF — WOOD FENCE
- MWF — METAL/WIRE FENCE
- DL — DRAIN LINE
- WL — WATER LINE
- UE — UNDERGROUND ELECTRIC
- UC — UNDERGROUND CABLE
- TL — TELEPHONE LINE
- OW — OVERHEAD WIRES
- SW — STONE WALL
- TL — TREE LINE
- 52 — INTERMEDIATE CONTOURS
- 50 — INDEX CONTOURS

GRAPHIC SCALE

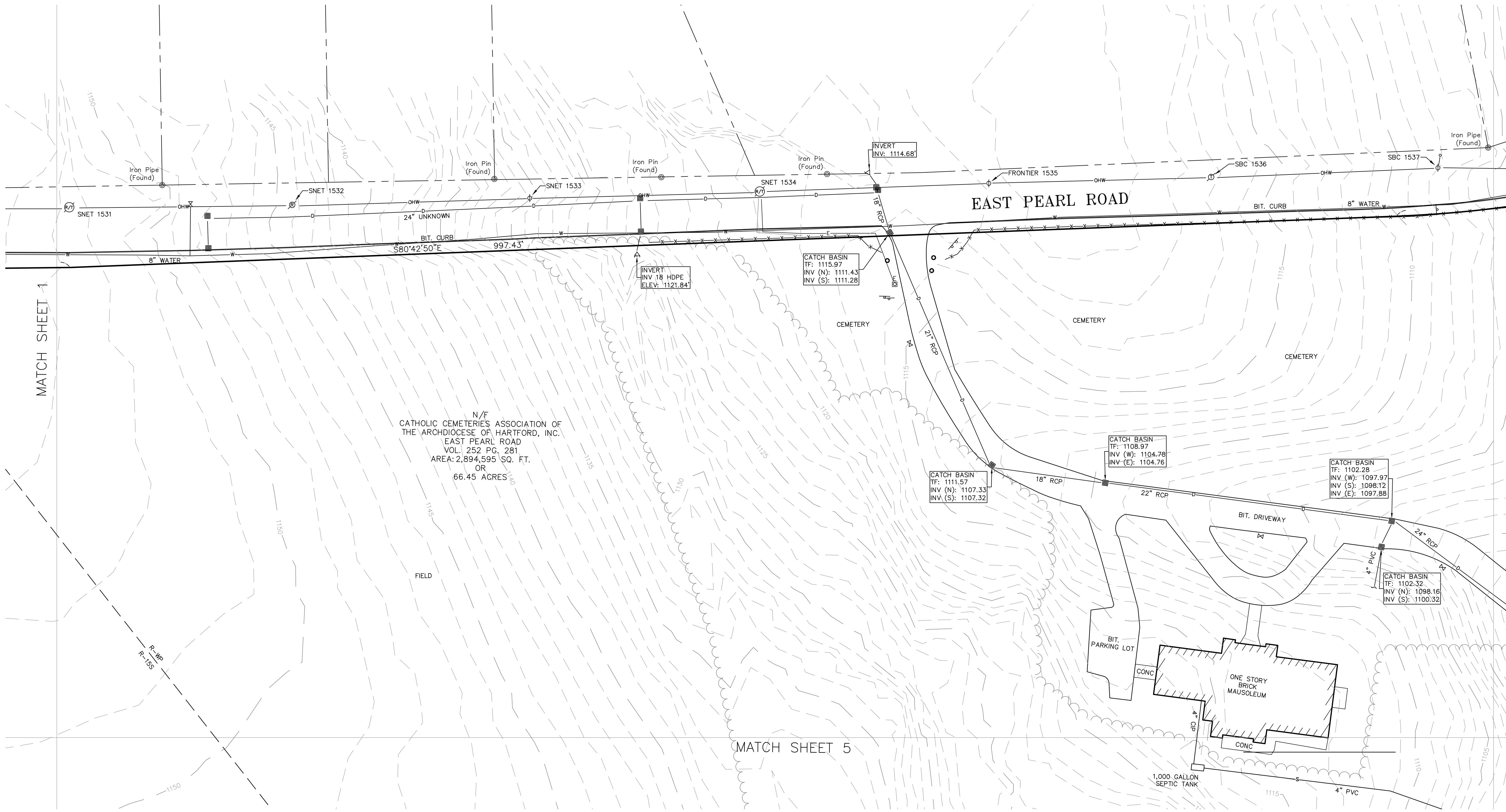


REVISION	DATE	DESCRIPTION

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TORRINGTON, CONNECTICUT  
PREPARED FOR  
TORRINGTON ONE SOLAR, LLC.



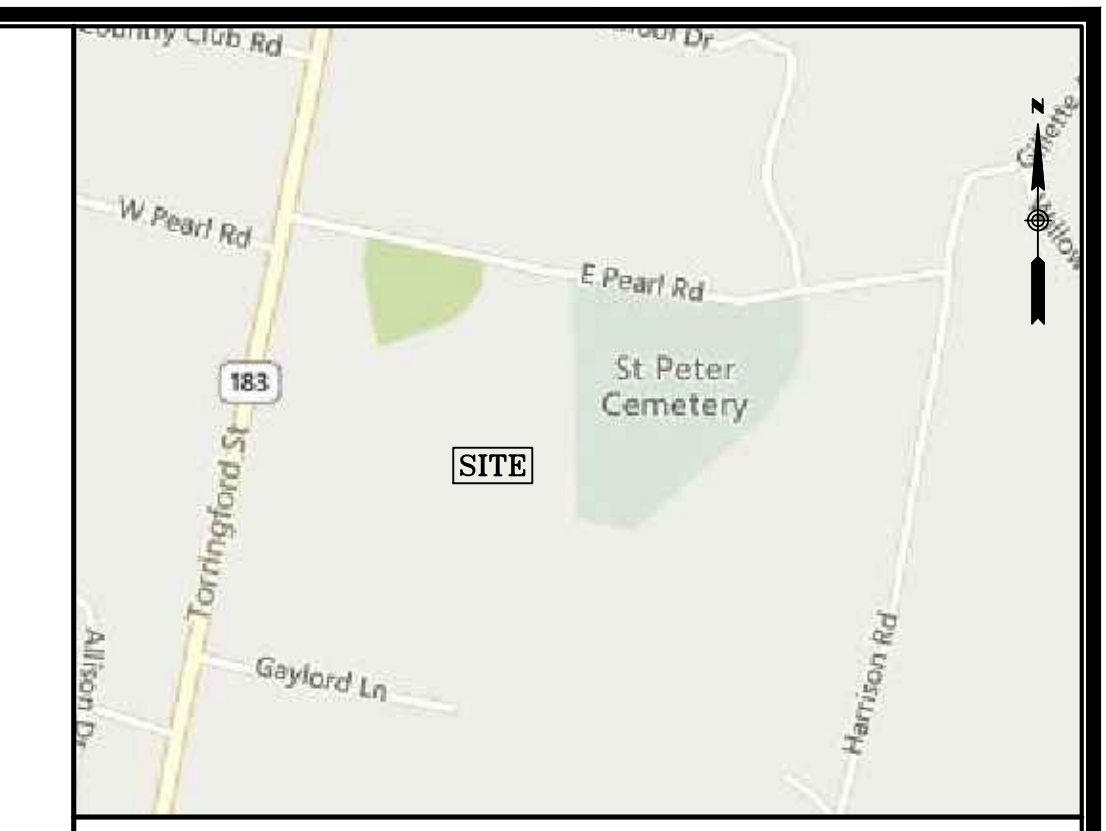
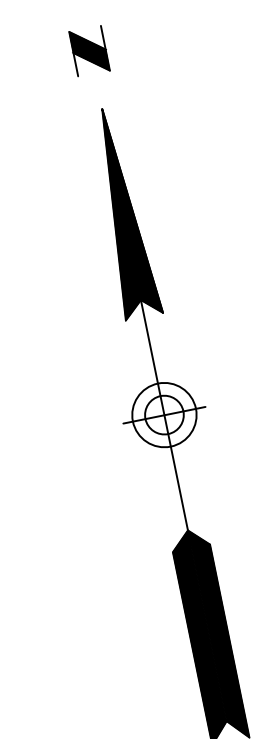
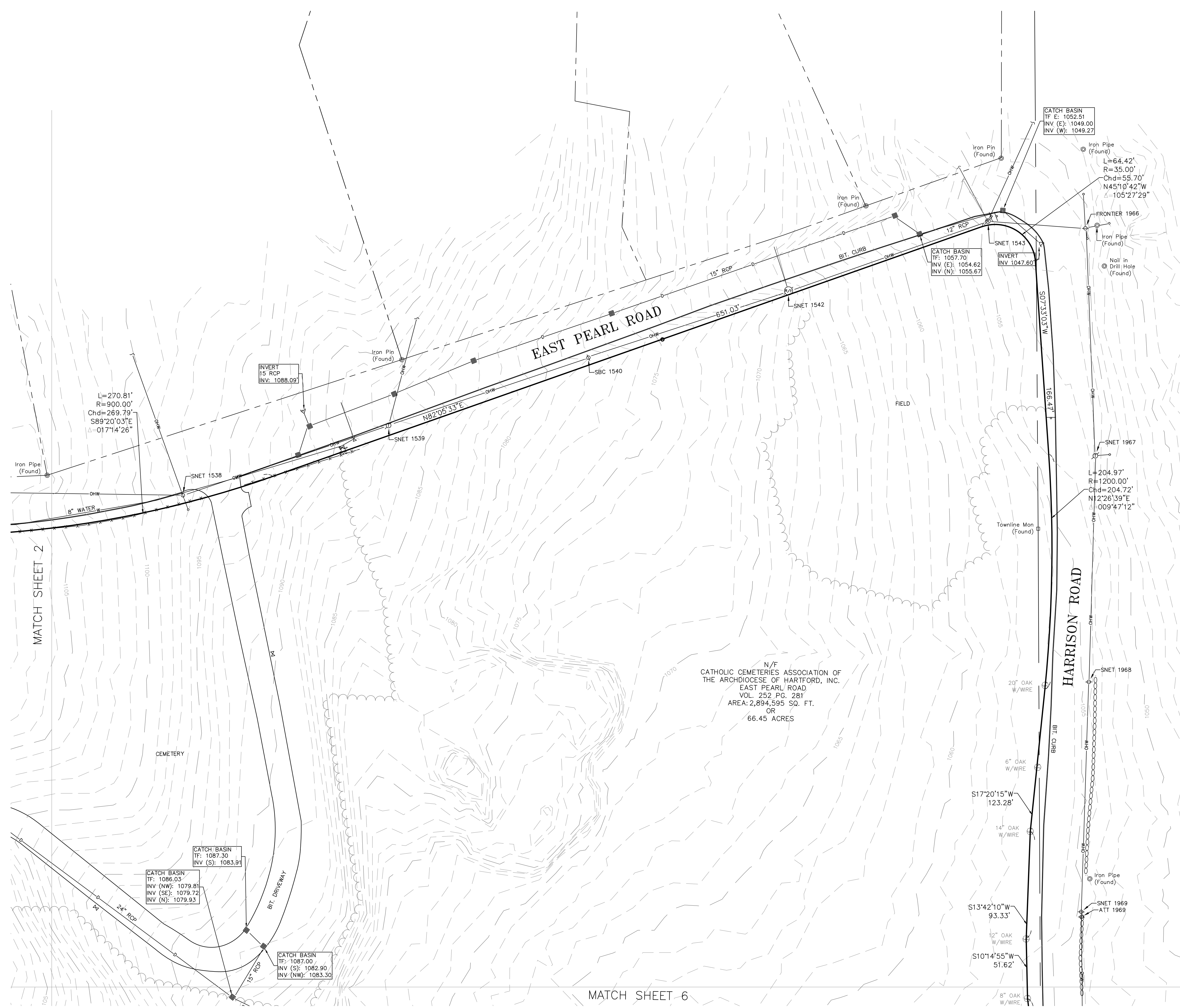
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Surveyed By	JWG/ZJM	Scale	1" = 40'	Sheet No.	2 OF 6
Checked By	MG	Book No.			



MATCH SHEET 1

MATCH SHEET 3

MATCH SHEET 5

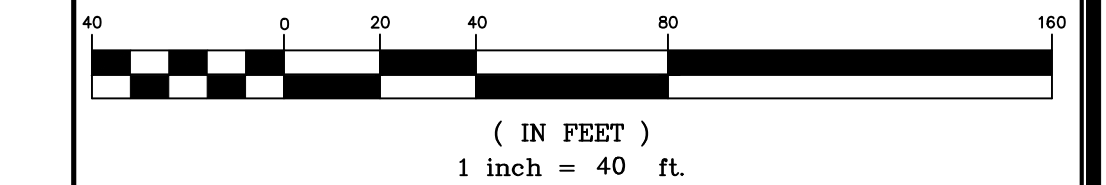


**LOCUS MAP  
(N.T.S.)**

**LEGEND**

- CB □ CONCRETE BOUND
- IPF ⊙ IRON PIPE FOUND
- IRF ⊙ IRON ROD FOUND
- SB □ STONE BOUND
- CATCH BASIN
- ∇ CULVERT
- ⊕ DRAIN MANHOLE
- ⊗ ELECTRIC BOX
- ⊙ ELECTRIC METER
- ⊕ WATER GATE
- ⊕ UTILITY POLE WITH RISER
- ⊕ UTILITY POLE
- ⊕ UTILITY POLE WITH LIGHT
- ⊕ UTILITY POLE W/ LIGHT/TRANSFORMER
- ⊕ UTILITY POLE WITH TRANSFORMER
- ⊕ UTILITY POLE W/ RISER/TRANSFORMER
- ⊕ FIRE HYDRANT
- ⊕ DECIDUOUS TREE
- ⊕ CONIFER TREE
- ⊕ SHRUB
- ⊕ SIGN (SINGLE POSTED)
- ⊕ SIGN (DOUBLE POSTED)
- ⊕ POST
- ⊕ MAILBOX
- ⊕ LIGHT POLE
- ⊕ BOLLARD
- ⊕ VALVE
- ABUTTERS LOT LINE
- PROPERTY LINE
- ○ ○ ○ ○ CHAIN LINK FENCE
- × × × × × WOOD FENCE
- ○ ○ ○ ○ METAL/WIRE FENCE
- DRAIN LINE
- WATER LINE
- UNDERGROUND ELECTRIC
- UNDERGROUND CABLE
- TELEPHONE LINE
- OVERHEAD WIRES
- ○ ○ ○ ○ STONE WALL
- TREE LINE
- 52 INTERMEDIATE CONTOURS
- 50 INDEX CONTOURS

**GRAPHIC SCALE**



REVISION	DATE	DESCRIPTION

PROPERTY AND TOPOGRAPHIC SURVEY  
 EAST PEARL ROAD  
 TORRINGTON, CONNECTICUT  
 PREPARED FOR  
 TORRINGTON ONE SOLAR, LLC.

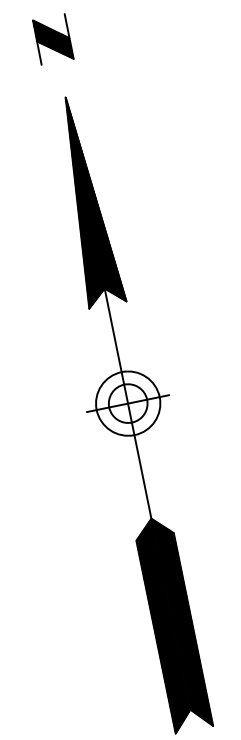


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Checked By	MG	Book No.			

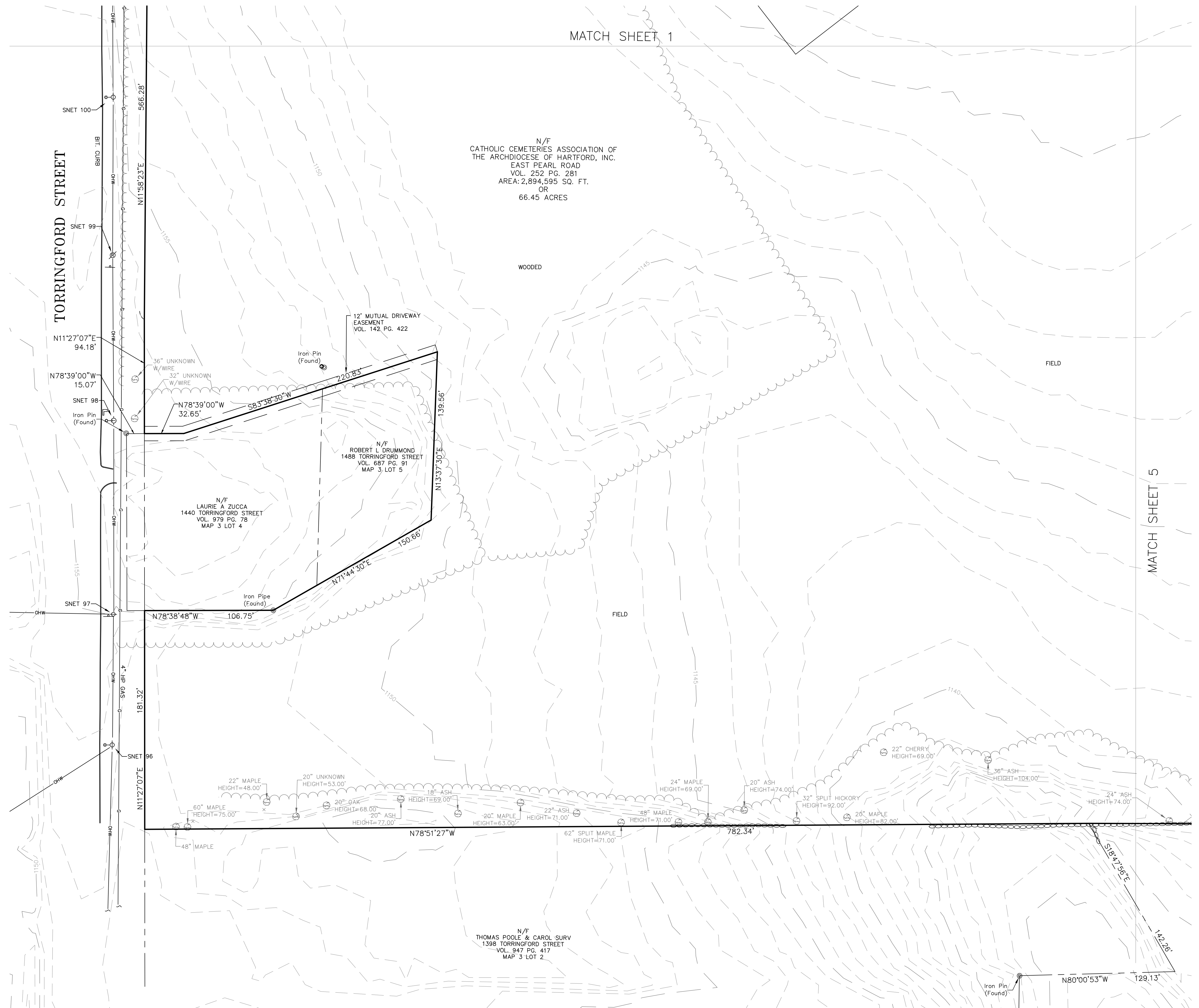
MATCH SHEET 2

MATCH SHEET 6

N/F  
 CATHOLIC CEMETERIES ASSOCIATION OF  
 THE ARCHDIOCESE OF HARTFORD, INC.  
 EAST PEARL ROAD  
 VOL. 252 PG. 281  
 AREA: 2,894,595 SQ. FT.  
 OR  
 66.45 ACRES



MATCH SHEET 1

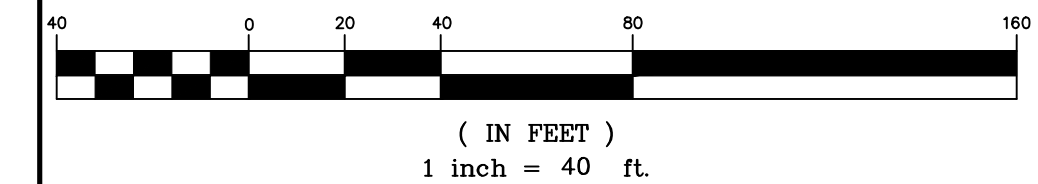


LOCUS MAP  
(N.T.S.)

LEGEND

- ☐ CONCRETE BOUND
- ⊙ IRON PIPE FOUND
- ⊙ IRON ROD FOUND
- ⊙ STONE BOUND
- ⊙ CATCH BASIN
- ⊙ CULVERT
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GRAPHIC SCALE



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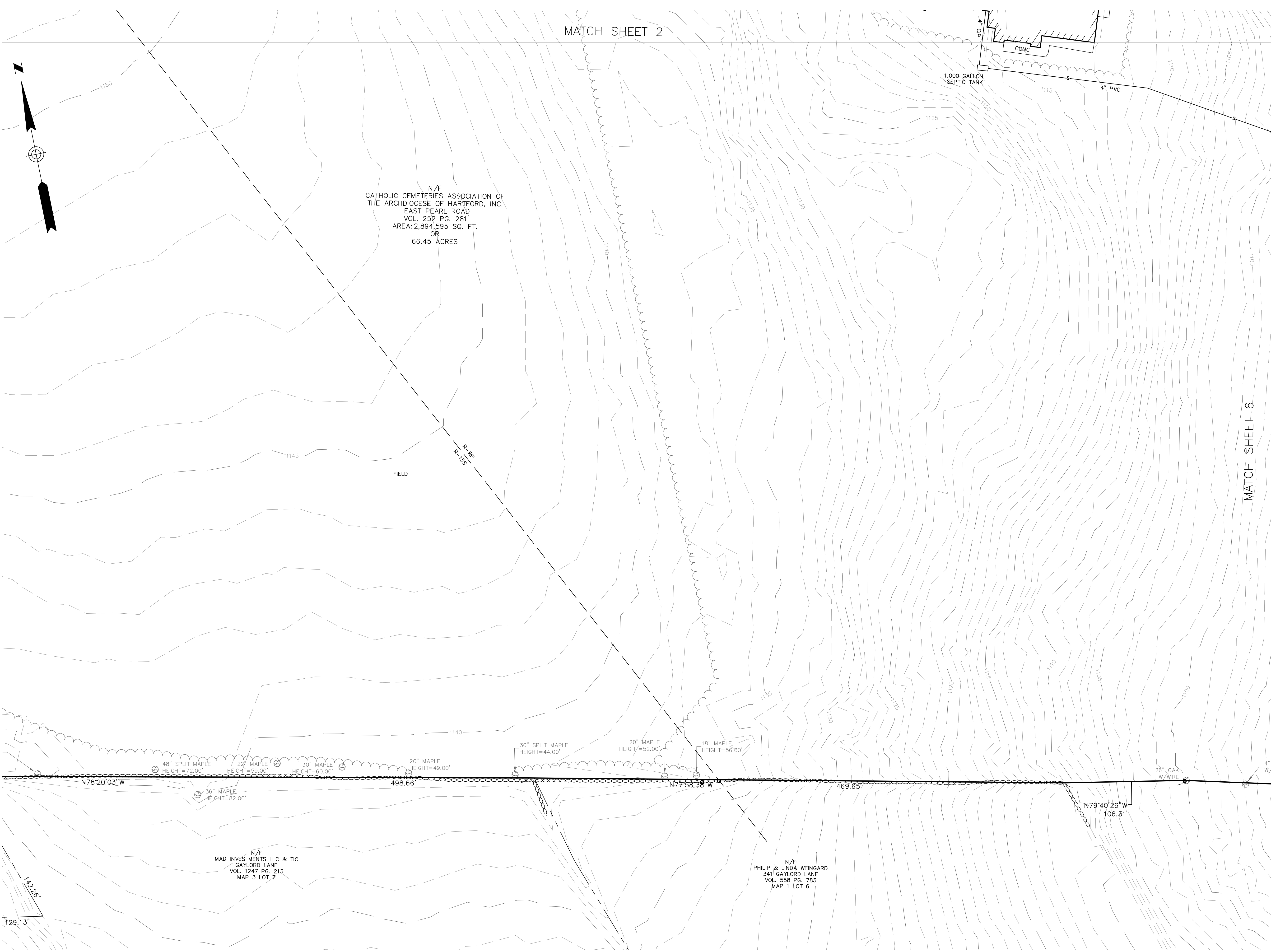
**wsp** | WSP USA Inc.  
 500 Winding Brook Drive, 1st Floor  
 Glastonbury, CT 06033  
 860-659-0444

Drawn By	MG/JWG	Date	APRIL 1, 2020	Job No.	190379B
Surveyed By	JWG/ZJM	Scale	1" = 40'	Sheet No.	4 OF 6
Checked By	MG	Book No.			

MATCH SHEET 2

MATCH SHEET 4

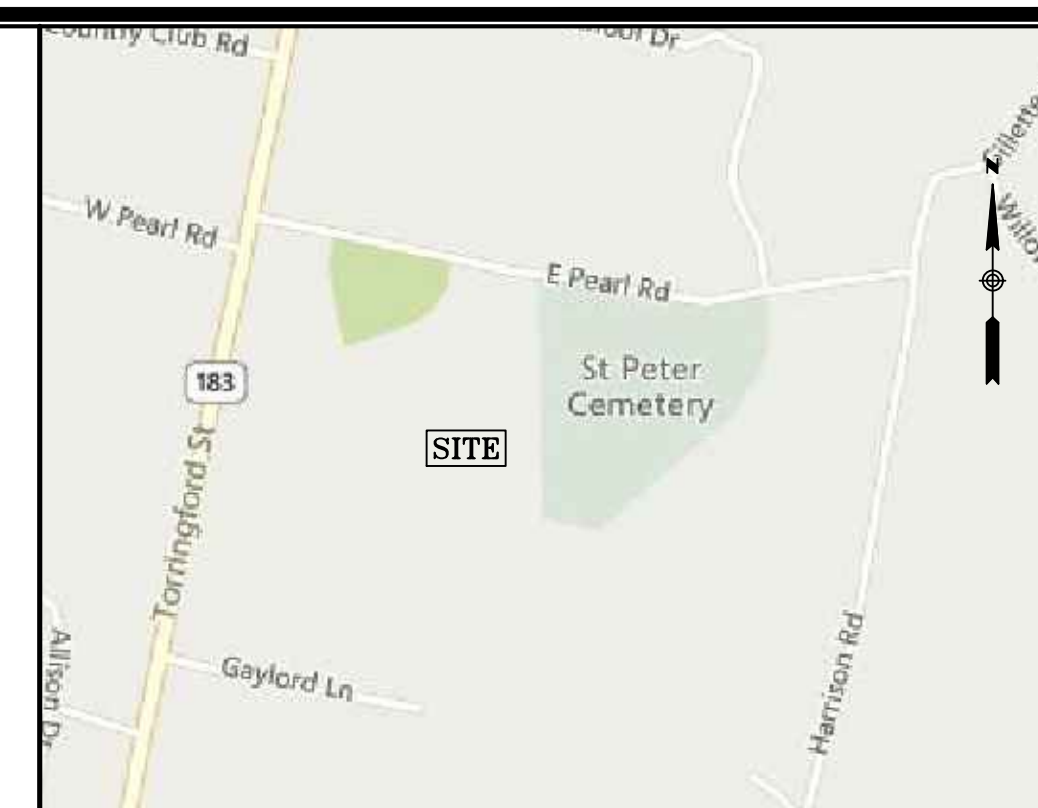
MATCH SHEET 6



N/F  
CATHOLIC CEMETERIES ASSOCIATION OF  
THE ARCHDIOCESE OF HARTFORD, INC.  
EAST PEARL ROAD  
VOL. 252 PG. 281  
AREA: 2,894,595 SQ. FT.  
OR  
66.45 ACRES

N/F  
MAD INVESTMENTS LLC & TIC  
GAYLORD LANE  
VOL. 1247 PG. 213  
MAP 3 LOT 7

N/F  
PHILIP & LINDA WEINGARD  
341 GAYLORD LANE  
VOL. 558 PG. 783  
MAP 1 LOT 6

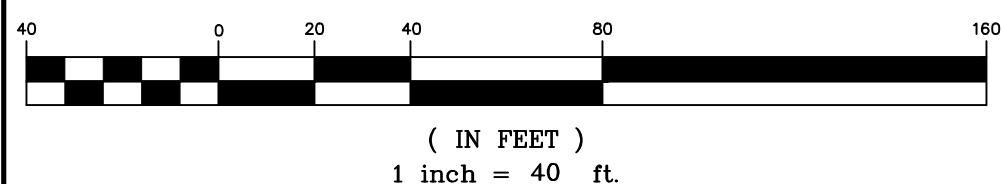


LOCUS MAP  
(N.T.S.)

LEGEND

- CB □ CONCRETE BOUND
- IPF ⊙ IRON PIPE FOUND
- IRF ⊙ IRON ROD FOUND
- SB □ STONE BOUND
- CATCH BASIN
- △ CULVERT
- ⊙ DRAIN MANHOLE
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- WATER LINE
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- UNDERGROUND CABLE
- TELEPHONE LINE
- OVERHEAD WIRES
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- 52 INTERMEDIATE CONTOURS
- 50 INDEX CONTOURS

GRAPHIC SCALE

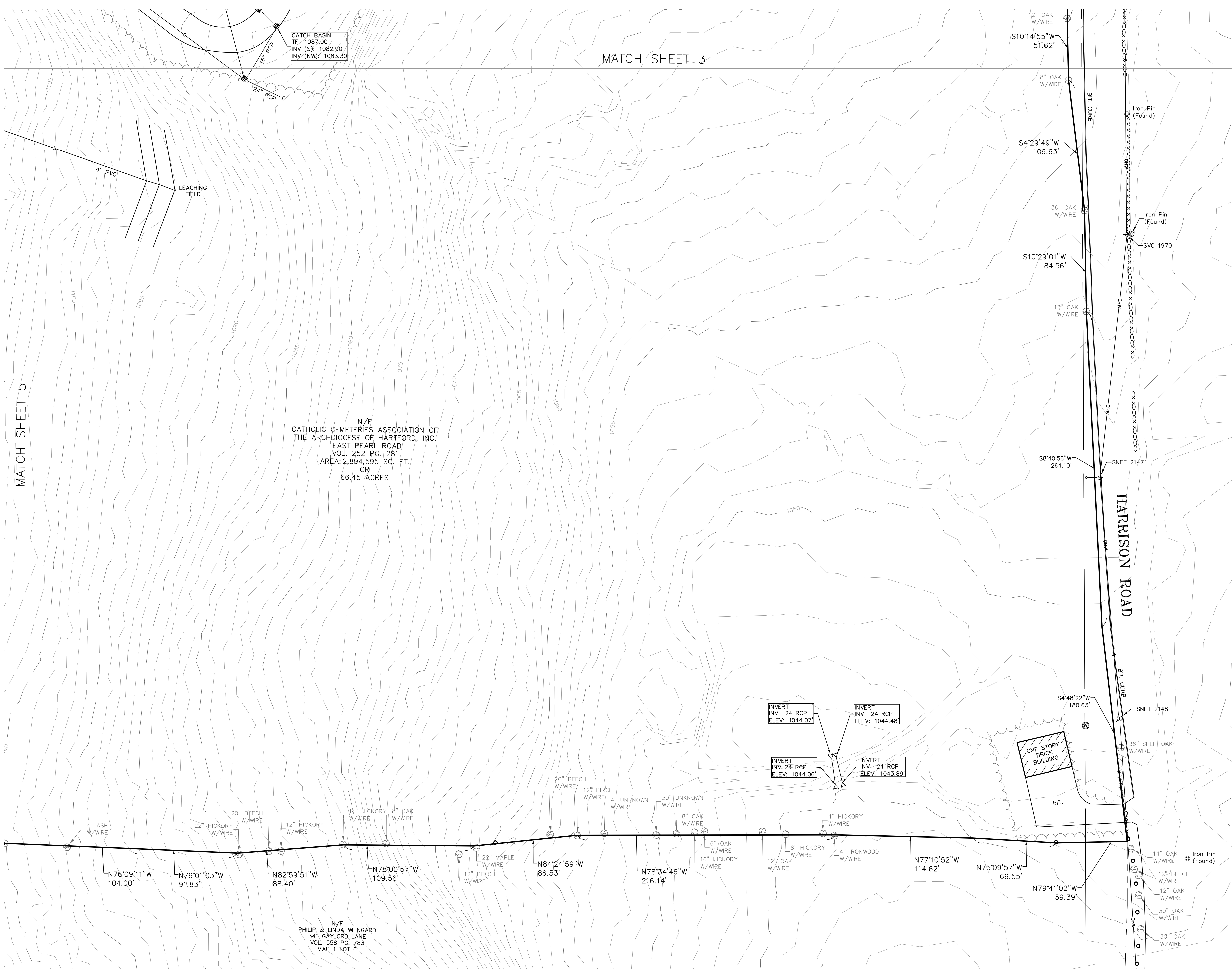


REVISION	DATE	DESCRIPTION
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PROPERTY AND TOPOGRAPHIC SURVEY  
EAST PEARL ROAD  
TORRINGTON, CONNECTICUT  
PREPARED FOR  
TORRINGTON ONE SOLAR, LLC.

**wsp** | WSP USA Inc.  
500 Winding Brook Drive, 1st Floor  
Glastonbury, CT 06033  
860-659-0444

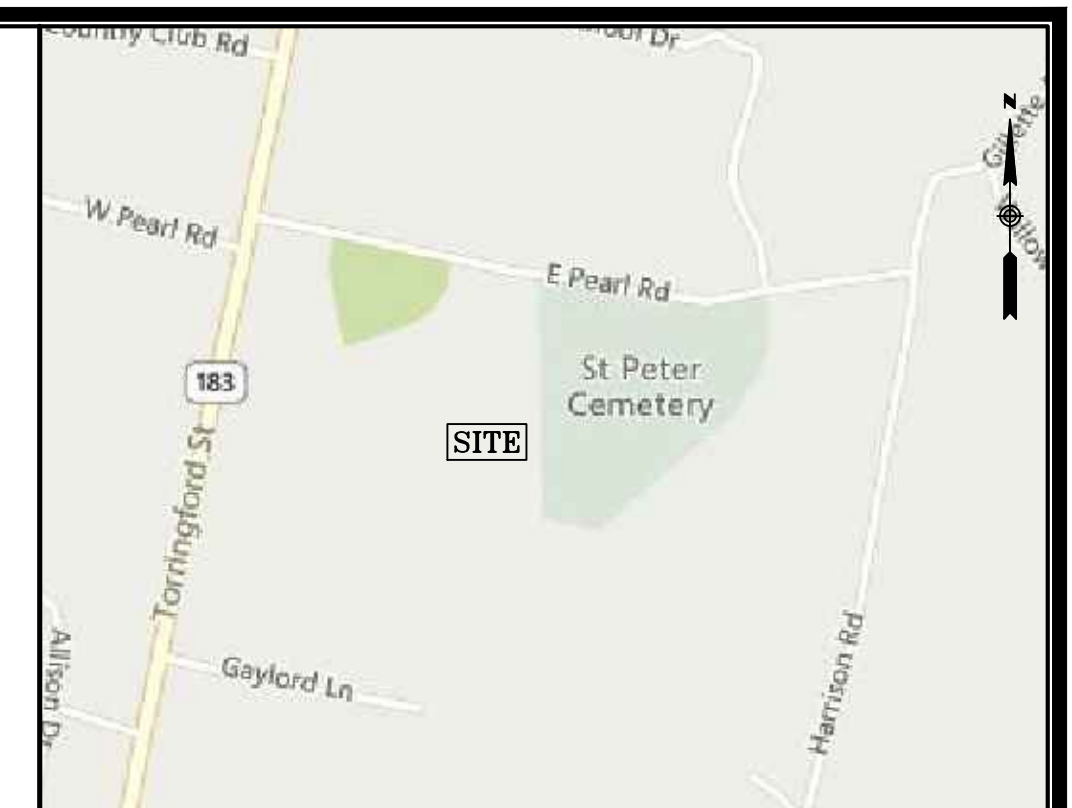
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Surveyed By	JWG/ZJM	Scale	1" = 40'	Sheet No.	5 OF 6
Checked By	MG				
Book No.	—				



CATCH BASIN  
 TP: 1087.00  
 INV (S): 1082.90  
 INV (NW): 1083.30

N/F  
 CATHOLIC CEMETERIES ASSOCIATION OF  
 THE ARCHDIOCESE OF HARTFORD, INC.  
 EAST PEARL ROAD  
 VOL. 252 PG. 281  
 AREA: 2,894.595 SQ. FT.  
 OR  
 66.45 ACRES

N/F  
 PHILIP & LINDA WEINGARD  
 341 GAYLORD LANE  
 VOL. 558 PG. 783  
 MAP 1 LOT 6

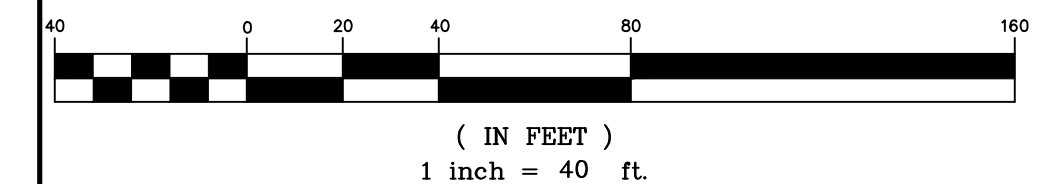


**LOCUS MAP (N.T.S.)**

**LEGEND**

- CR □ CONCRETE BOUND
- IPF ⊙ IRON PIPE FOUND
- IRF ⊙ IRON ROD FOUND
- SB □ STONE BOUND
- ▭ CATCH BASIN
- ▭ CULVERT
- ⊙ DRAIN MANHOLE
- ⊙ ELECTRIC BOX
- ⊙ ELECTRIC METER
- ⊙ WATER GATE
- ⊙ UTILITY POLE WITH RISER
- ⊙ UTILITY POLE
- ⊙ UTILITY POLE WITH LIGHT
- ⊙ UTILITY POLE W/ LIGHT/TRANSFORMER
- ⊙ UTILITY POLE WITH TRANSFORMER
- ⊙ UTILITY POLE W/ RISER/TRANSFORMER
- ⊙ FIRE HYDRANT
- ⊙ DECIDUOUS TREE
- ⊙ CONIFER TREE
- ⊙ SHRUB
- ⊙ SIGN (SINGLE POSTED)
- ⊙ SIGN (DOUBLE POSTED)
- ⊙ POST
- ⊙ MAILBOX
- ⊙ LIGHT POLE
- ⊙ BOLLARD
- ⊙ VALVE
- ABUTTERS LOT LINE
- PROPERTY LINE
- CHAIN LINK FENCE
- WOOD FENCE
- METAL/WIRE FENCE
- DRAIN LINE
- WATER LINE
- UNDERGROUND ELECTRIC
- UNDERGROUND CABLE
- TELEPHONE LINE
- OVERHEAD WIRES
- STONE WALL
- TREE LINE
- 52' INTERMEDIATE CONTOURS
- 50' INDEX CONTOURS

**GRAPHIC SCALE**



REVISION	DATE	DESCRIPTION

PROPERTY AND TOPOGRAPHIC SURVEY  
 EAST PEARL ROAD  
 TORRINGTON, CONNECTICUT  
 PREPARED FOR  
 TORRINGTON ONE SOLAR, LLC.

**wsp** | WSP USA Inc.  
 500 Winding Brook Drive, 1st Floor  
 Glastonbury, CT 06033  
 860-659-0444

Drawn By	MG/JWG	Date	APRIL 1, 2020	Job No.	190379B
Surveyed By	JWG/ZJM	Scale	1" = 40'	Sheet No.	6 OF 6
Checked By	MG				
Book No.	-				

## GENERAL NOTES

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

## SITE PLAN NOTES

- THE SURVEY WAS PROVIDED BY WSP USA INC. DATED APRIL 1, 2020.
- THERE ARE WETLANDS AND WATERWAYS LOCATED ON THE SITE AS INDICATED ON THE PLANS. BOUNDARIES WERE FLAGGED AND LOCATED VIA GPS BY APT, IN NOVEMBER 2019 AND APRIL 2020.
- THERE WILL BE MINIMAL GRADING ON SITE IN THE AREAS OF THE MINOR CLEARING, TO ENSURE THAT PROPER DRAINAGE IS MAINTAINED.
- THE CONTRACTOR SHALL FOLLOW THE RECOMMENDED SEQUENCE OF CONSTRUCTION NOTES PROVIDED ON THE EROSION CONTROL PLAN OR SUBMIT AN ALTERNATE PLAN FOR APPROVAL BY THE ENGINEER AND/OR PERMITTING AGENCIES PRIOR TO THE START CONSTRUCTION. ALLOW A MINIMUM OF 14 WORKING DAYS FOR REVIEW.
- PROPER CONSTRUCTION PROCEDURES SHALL BE FOLLOWED ON ALL IMPROVEMENTS WITHIN THIS PARCEL SO AS TO PREVENT THE SILTING OF ANY WATERCOURSE OR BYWAYS 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.
- ALL SITE WORK, MATERIALS OF CONSTRUCTION, AND CONSTRUCTION METHODS FOR EARTHWORK AND STORM DRAINAGE WORK, SHALL CONFORM TO THE SPECIFICATIONS AND DETAILS AND APPLICABLE SECTIONS OF THE PROJECT SPECIFICATIONS MANUAL. OTHERWISE THIS WORK SHALL CONFORM TO THE STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION AND PROJECT GEOTECHNICAL REPORT IF THERE IS NO PROJECT SPECIFICATIONS MANUAL. ALL FILL MATERIAL UNDER STRUCTURES AND PAVED AREAS SHALL BE PER THE ABOVE STATED APPLICABLE SPECIFICATIONS, AND/OR PROJECT GEOTECHNICAL REPORT, AND SHALL BE PLACED IN ACCORDANCE WITH THE APPLICABLE SPECIFICATIONS UNDER THE SUPERVISION OF A QUALIFIED PROFESSIONAL ENGINEER. MATERIAL SHALL BE COMPACTED IN 8" LIFTS TO 95% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D 1557 AT 95% PERCENT OF OPTIMUM MOISTURE CONTENT.
- ALL DISTURBANCE INCURRED TO PUBLIC, MUNICIPAL, COUNTY, STATE PROPERTY DUE TO CONSTRUCTION SHALL BE RESTORED TO ITS PREVIOUS CONDITION OR BETTER, TO THE SATISFACTION OF THE CITY OF TORRINGTON AND STATE OF CONNECTICUT.
- IF IMPACTED OR CONTAMINATED SOIL IS ENCOUNTERED BY THE CONTRACTOR, THE CONTRACTOR SHALL SUSPEND EXCAVATION WORK OF IMPACTED SOIL AND NOTIFY THE PROJECT DEVELOPER AND/OR PROJECT DEVELOPERS ENVIRONMENTAL CONSULTANT PRIOR TO PROCEEDING WITH FURTHER WORK IN THE IMPACTED SOIL LOCATION UNTIL FURTHER INSTRUCTED BY THE PROJECT DEVELOPER AND/OR PROJECT DEVELOPERS ENVIRONMENTAL CONSULTANT.

## UTILITY NOTES

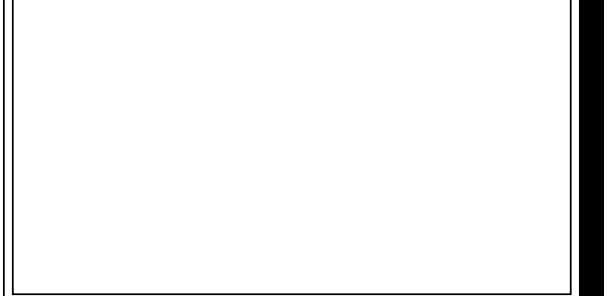
- CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE CITY OF TORRINGTON TO SECURE CONSTRUCTION PERMITS AND FOR PAYMENT OF FEES FOR STREET CUTS AND CONNECTIONS TO EXISTING UTILITIES.
- REFER TO DRAWINGS BY PROJECT DEVELOPER FOR THE ONSITE ELECTRICAL DRAWINGS AND INTERCONNECTION TO EXISTING ELECTRICAL GRID.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

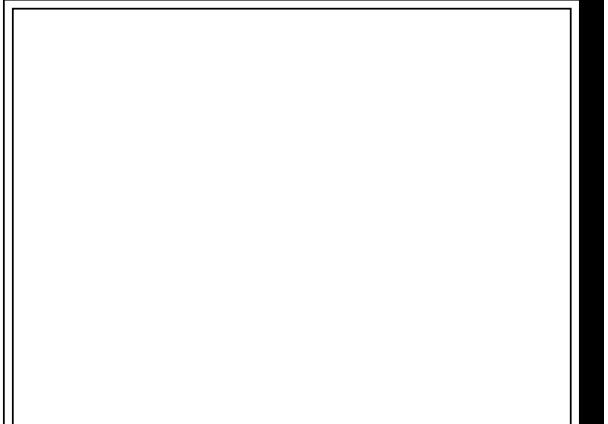
**TORRINGTON  
SOLAR ONE, LLC  
150 TRUMBULL STREET  
4TH FLOOR  
HARTFORD, CT, 06103**



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



CSC PERMIT SET		
NO	DATE	REVISION
0	06/15/20	INTERCONNECT SCREENING
1	08/12/20	ROAD DETAIL: IFC
2	08/13/20	PANEL LAYOUT & INTERCONN.
3	08/31/20	90% PERMIT SET
4		
5		
6		



**DESIGN PROFESSIONAL OF RECORD**  
**PROF: BRADLEY J. PARSONS P.E.**  
**COMP: ALL-POINTS TECHNOLOGY CORPORATION**  
**ADD: 567 VAUXHALL ST EXT - STE 311 WATERFORD, CT 06385**  
**OWNER: CATHOLIC CEMETERIES OF ARCHDIOCESE OF HARTFORD**  
**ADDRESS: 700 MIDDLETOWN AVENUE NORTH HAVEN, CT 06473**

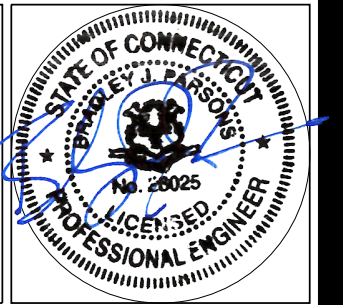


**TORRINGTON SOLAR ONE, LLC**  
**SITE EAST PEARL ROAD**  
**ADDRESS: TORRINGTON, CT**  
**APT FILING NUMBER: CT590190**  
**DRAWN BY: KAM**  
**DATE: 05/28/2020 CHECKED BY: BJP**



**SHEET TITLE:**  
**GENERAL NOTES**

**SHEET NUMBER:**  
**GN-1**

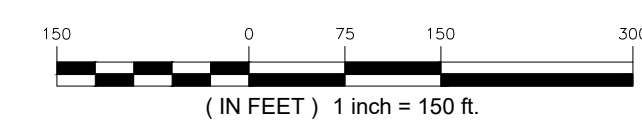






DESIGN TABLE:

MODULE MODEL - TRINA TSM-DEG15MC.20II (400W) & RISEN RSM144-6 (380W)
PROP. TILT - 30 DEGREES
INTER-ROW SPACING - 16.0 FEET
PROP. AZIMUTH - ±0 DEGREES



**1 OVERALL SITE PLAN**  
 SCALE : 1-IN = 150-FT (AT 22" X 34")  
 SCALE : 1-IN = 300-FT (AT 11" X 17")

**TORRINGTON SOLAR ONE, LLC**  
 150 TRUMBULL STREET  
 4TH FLOOR  
 HARTFORD, CT, 06103



567 VAUXHAUL STREET EXTENSION - SUITE 311  
 WATERFORD, CT 06385 PHONE: (860)-663-1697  
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**CSC PERMIT SET**

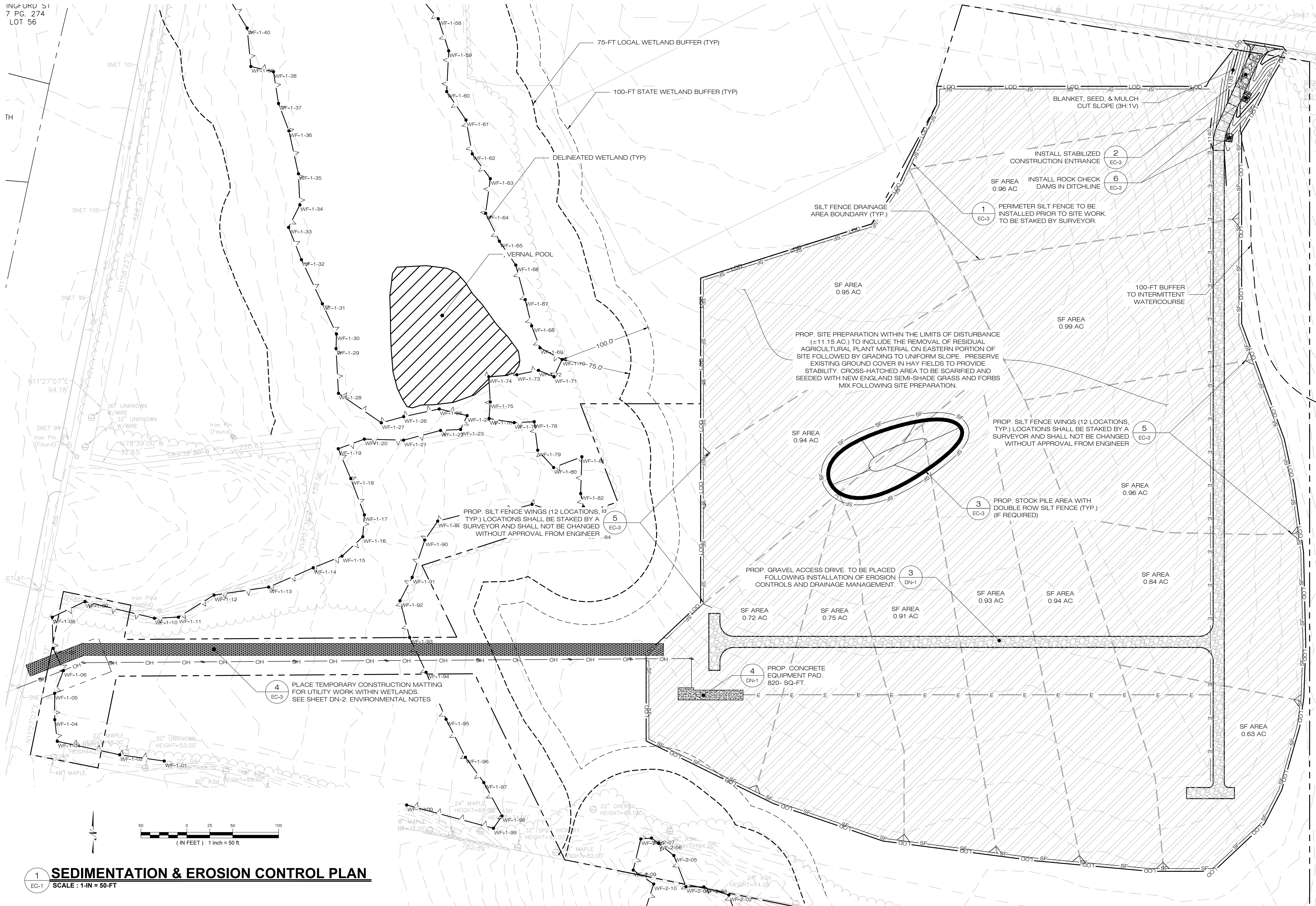
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6		

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 PROF: BRADLEY J. PARSONS P.E.  
 COMP: ALL-POINTS TECHNOLOGY CORPORATION  
 ADD: 567 VAUXHALL ST EXT - STE 311  
 WATERFORD, CT 06385  
 OWNER: CATHOLIC CEMETERIES OF ARCHDIOCESE OF HARTFORD  
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 NORTH HAVEN, CT 06473

**TORRINGTON SOLAR ONE, LLC**  
 SITE EAST PEARL ROAD  
 ADDRESS: TORRINGTON, CT  
 APT FILING NUMBER: CT590190  
 DRAWN BY: KAM  
 DATE: 05/28/2020 CHECKED BY: BJP

SHEET TITLE:  
**OVERALL SITE PLAN**

SHEET NUMBER:  
**OP-1**



**TORRINGTON SOLAR ONE, LLC**  
150 TRUMBULL STREET  
4TH FLOOR  
HARTFORD, CT, 06103

**ALL-POINTS TECHNOLOGY CORPORATION**  
567 VAUXHALL STREET EXTENSION - SUITE 311  
WATERFORD, CT 06385 PHONE: (860)-663-1697  
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**CSC PERMIT SET**

NO	DATE	REVISION
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4		
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6		

**DESIGN PROFESSIONAL OF RECORD**  
PROF. BRADLEY J. PARSONS, P.E.  
COMP. ALL-POINTS TECHNOLOGY CORPORATION  
ADD: 567 VAUXHALL ST EXT - STE 311  
WATERFORD, CT 06385

**OWNER:** CATHOLIC CEMETERIES OF ARCHDIOCESE OF HARTFORD  
ADDRESS: 700 MIDDLETOWN AVENUE  
NORTH HAVEN, CT 06473

**TORRINGTON SOLAR ONE, LLC**

**SITE:** EAST PEARL ROAD  
**ADDRESS:** TORRINGTON, CT

**APT FILING NUMBER:** CT590190

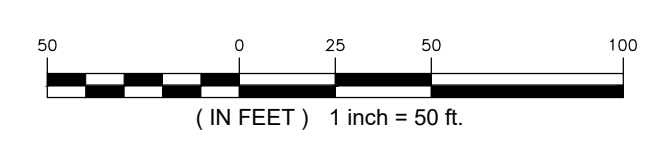
**DRAWN BY:** KAM

**DATE:** 05/28/2020 **CHECKED BY:** BJP

**SHEET TITLE:**  
**SEDIMENTATION & EROSION CONTROL PLAN**

**SHEET NUMBER:**  
**EC-1**

**1 SEDIMENTATION & EROSION CONTROL PLAN**  
SCALE: 1-IN = 50-FT



# EROSION CONTROL NOTES

## EROSION AND SEDIMENT CONTROL PLAN NOTES

- THE CONTRACTOR SHALL CONSTRUCT ALL SEDIMENT AND EROSION CONTROLS IN ACCORDANCE WITH THE 2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL, LATEST EDITION, IN ACCORDANCE WITH THE CONTRACT DOCUMENTS, AND AS DIRECTED BY THE CITY OF TORRINGTON, PERMITTEE, AND/OR SWPCP MONITOR. ALL PERIMETER SEDIMENTATION AND EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE START OF CLEARING AND GRUBBING AND DEMOLITION OPERATIONS.
- THESE DRAWINGS ARE ONLY INTENDED TO DESCRIBE THE SEDIMENT AND EROSION CONTROL MEASURES FOR THIS SITE. SEE CONSTRUCTION SEQUENCE FOR ADDITIONAL INFORMATION. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THE EROSION & SEDIMENT CONTROL PLAN ARE SHOWN AS REQUIRED BY THE ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL EROSION CONTROL MEASURES ARE CONFIGURED AND CONSTRUCTED IN A MANNER THAT WILL MINIMIZE EROSION OF SOILS AND PREVENT THE TRANSPORT OF SEDIMENTS AND OTHER POLLUTANTS TO STORM DRAINAGE SYSTEMS AND/OR WATERCOURSES. ACTUAL SITE CONDITIONS OR SEASONAL AND CLIMATIC CONDITIONS MAY WARRANT ADDITIONAL CONTROLS OR CONFIGURATIONS, AS REQUIRED, AND AS DIRECTED BY THE PERMITTEE AND/OR SWPCP MONITOR. REFER TO SITE PLAN FOR GENERAL INFORMATION AND OTHER CONTRACT PLANS FOR APPROPRIATE INFORMATION.
- A BOND OR LETTER OF CREDIT MAY BE REQUIRED TO BE POSTED WITH THE GOVERNING AUTHORITY FOR THE EROSION CONTROL INSTALLATION AND MAINTENANCE.
- 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.
- 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.
- 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.
- 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.
- PROTECT EXISTING TREES THAT ARE TO BE SAVED BY FENCING, ORANGE SAFETY FENCE, CONSTRUCTION TAPE, OR EQUIVALENT FENCING/TAPE. ANY LIMB TRIMMING SHOULD BE DONE AFTER CONSULTATION WITH AN ARBORIST AND BEFORE CONSTRUCTION BEGINS IN THAT AREA; FENCING SHALL BE MAINTAINED AND REPAIRED DURING CONSTRUCTION.
- 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.
- 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.
- NO CUT OR FILL SLOPES SHALL EXCEED 2:1 EXCEPT WHERE STABILIZED BY ROCK FACED EMBANKMENTS OR EROSION CONTROL BLANKETS. ALL SLOPES SHALL BE SEEDED AND BANKS WILL BE STABILIZED IMMEDIATELY UPON COMPLETION OF FINAL GRADING UNTIL TURF IS ESTABLISHED.
- DIRECT ALL DEWATERING PUMP DISCHARGE TO A SEDIMENT CONTROL DEVICE CONFORMING TO THE GUIDELINES WITHIN THE APPROVED LIMIT OF DISTURBANCE IF REQUIRED. DISCHARGE TO STORM DRAINS OR SURFACE WATERS FROM SEDIMENT CONTROLS SHALL BE CLEAR AND APPROVED BY THE PERMITTEE OR MUNICIPALITY.
- 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.
- MINIMIZE LAND DISTURBANCES. SEED AND MULCH DISTURBED AREAS WITH TEMPORARY MIX AS SOON AS PRACTICABLE (2 WEEK MAXIMUM UNSTABILIZED PERIOD) USING PERENNIAL RYEGRASS AT 40 LBS PER ACRE. MULCH ALL CUT AND FILL SLOPES AND SWALES WITH LOOSE HAY AT A RATE OF 2 TONS PER ACRE. IF NECESSARY, REPLACE LOOSE HAY ON SLOPES WITH EROSION CONTROL BLANKETS OR JUTE CLOTH. MODERATELY GRADED AREAS, ISLANDS, AND TEMPORARY CONSTRUCTION STAGING AREAS MAY BE HYDROSEEDED WITH TACKIFIER.
- 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.
- VEGETATIVE ESTABLISHMENT SHALL OCCUR ON ALL DISTURBED SOIL, UNLESS THE AREA IS UNDER ACTIVE CONSTRUCTION. IT IS COVERED IN STONE OR SCHEDULED FOR PAVING WITHIN 30 DAYS. TEMPORARY SEEDING OR NON-LIVING SOIL PROTECTION OF ALL EXPOSED SOILS AND SLOPES SHALL BE INITIATED WITHIN THE FIRST 7 DAYS OF SUSPENDING WORK IN AREAS TO BE LEFT LONGER THAN 30 DAYS.
- 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.
- SEEDING MIXTURES SHALL BE NEW ENGLAND SEMI-SHADE GRASS AND FORBS MIX (SEE SITE DETAILS SHEET DN-1), OR APPROVED EQUAL BY OWNER.

## SEDIMENT & EROSION CONTROL NARRATIVE

- THE PROJECT INVOLVES THE CONSTRUCTION OF A GROUND MOUNTED SOLAR PANEL FACILITY WITH ASSOCIATED EQUIPMENT, INCLUDING THE CLEARING, GRUBBING AND GRADING OF APPROXIMATELY 11.55± ACRES OF EXISTING LOT.

### THE PROPOSED PROJECT INVOLVES THE FOLLOWING CONSTRUCTION:

- INSTALLATION OF WATER QUALITY BASINS AND ACCESS DRIVE.
- CONSTRUCTION OF 7,150 GROUND MOUNTED SOLAR PANELS AND ASSOCIATED EQUIPMENT.
- THE STABILIZATION OF DISTURBED AREAS WITH PERMANENT VEGETATIVE TREATMENTS.

- FOR THIS PROJECT, THERE ARE APPROXIMATELY 11.55± 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.

### THE PROJECT SITE, AS MAPPED IN THE SOIL SURVEY OF STATE OF CONNECTICUT (NRCS, VERSION 18, DEC 6, 2018), CONTAINS:

- Map Unit #3 - Ridgebury, Leicester, and Whitman soils, 0-8%, ex. story [HSG D]
- Map Unit #45A - Woodbridge fine sandy loam, 0-3% [HSG C/D]
- Map Unit #45B - Woodbridge fine sandy loam, 3-8% [HSG C/D]
- Map Unit #84B - Paxton and Montauk fine sandy loams, 3-8% [HSG C]

- A GEOTECHNICAL ENGINEERING REPORT HAS NOT BEEN COMPLETED.

- IT IS ANTICIPATED THAT CONSTRUCTION WILL BE COMPLETED IN APPROXIMATELY 3-4 MONTHS.

- REFER TO THE CONSTRUCTION SEQUENCING AND EROSION AND SEDIMENTATION NOTES FOR INFORMATION REGARDING SEQUENCING OF MAJOR OPERATIONS IN THE ON-SITE CONSTRUCTION PHASES.

- STORMWATER MANAGEMENT DESIGN CRITERIA UTILIZES THE APPLICABLE SECTIONS OF THE 2004 CONNECTICUT STORMWATER QUALITY MANUAL AND THE CITY OF TORRINGTON STANDARDS, TO THE EXTENT POSSIBLE AND PRACTICABLE FOR THIS PROJECT ON THIS SITE. EROSION AND SEDIMENTATION MEASURES ARE BASED UPON ENGINEERING PRACTICE, JUDGEMENT AND THE APPLICABLE SECTIONS OF THE CONNECTICUT EROSION AND SEDIMENT CONTROL GUIDELINES FOR URBAN AND SUBURBAN AREAS, LATEST EDITION.

- 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.

- CONSERVATION PRACTICES TO BE USED DURING CONSTRUCTION:

- STAGED CONSTRUCTION;
- MINIMIZE THE DISTURBED AREAS TO THE EXTENT PRACTICABLE DURING CONSTRUCTION;
- STABILIZE DISTURBED AREAS WITH TEMPORARY OR PERMANENT MEASURES AS SOON AS POSSIBLE, BUT NO LATER THAN 7-DAYS FOLLOWING DISTURBANCE;
- MINIMIZE IMPERVIOUS AREAS;
- UTILIZE APPROPRIATE CONSTRUCTION EROSION AND SEDIMENTATION MEASURES.

- THE FOLLOWING SEPARATE DOCUMENTS ARE TO BE CONSIDERED A PART OF THE EROSION AND SEDIMENTATION PLAN:
  - STORMWATER MANAGEMENT MEMO FOR EXISTING AND PROPOSED PEAK FLOWS DATED MAY 2020.
  - SWPCP DATED MAY 2020

### 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 CONTROL PLAN ("SWPCP") AS REQUIRED BY THE GENERAL PERMIT. MAJOR CHANGES IN SEQUENCING AND/OR METHODS MAY REQUIRE REGULATORY APPROVAL PRIOR TO IMPLEMENTATION.

- THE CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION MEETING. PHYSICALLY FLAG THE LIMITS OF DISTURBANCE IN THE FIELD AS NECESSARY TO FACILITATE THE PRE-CONSTRUCTION MEETING.
- 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.
- NOTIFY CITY OF TORRINGTON AGENT AT LEAST FORTY-EIGHT (48) HOURS PRIOR TO COMMENCEMENT OF ANY DEMOLITION, CONSTRUCTION OR REGULATED ACTIVITY ON THIS PROJECT.
- NOTIFY CALL BEFORE YOU DIG AT 811, AS REQUIRED, PRIOR TO THE START OF CONSTRUCTION.
- REMOVE EXISTING IMPEDIMENTS AS NECESSARY AND PROVIDE GRADING TO INSTALL THE REQUIRED CONSTRUCTION/SITE ENTRANCE.
- ALL WETLAND AREAS SHALL BE PROTECTED BEFORE MAJOR CONSTRUCTION BEGINS.
- INSTALL PERIMETER EROSION CONTROL. THIS INCLUDES THE SILT FENCE WINGS. SILT FENCE WINGS SHALL BE LOCATED IN THE FIELD BY SURVEY AND SHALL NOT BE MOVED WITHOUT WRITTEN APPROVAL FROM THE ENGINEER.
- PERFORM THE ARRAY AREA PREPARATION AS NECESSARY. REMOVE RESIDUAL AGRICULTURAL PLANT MATERIAL AND STOCKPILE FOR FUTURE USE OR REMOVE OFF-SITE. REMOVE AND DISPOSE OF ANY ENCOUNTERED DEMOLITION DEBRIS OFF-SITE IN ACCORDANCE WITH APPLICABLE LAWS.
- TEMPORARILY SEED DISTURBED AREAS NOT UNDER CONSTRUCTION FOR THIRTY (30) DAYS OR MORE.
- INSTALL ELECTRICAL CONDUIT AND CONCRETE PADS.
- INSTALL RACKING POSTS FOR GROUND MOUNTED SOLAR PANELS
- INSTALL GROUND MOUNTED SOLAR PANELS AND COMPLETE ELECTRICAL INSTALLATION.
- AFTER SUBSTANTIAL COMPLETION OF THE INSTALLATION OF THE SOLAR PANELS, COMPLETE REMAINING SITE WORK, INCLUDING ANY REQUIRED LANDSCAPE SCREENING, AND STABILIZE ALL DISTURBED AREAS. CONSTRUCT WATER QUALITY BASINS AS SHOWN ON THE PLANS.
- FINE GRADE, RAKE, SEED AND MULCH ALL REMAINING DISTURBED AREAS.
- AFTER THE SITE IS STABILIZED AND WITH THE APPROVAL OF THE PERMITTEE AND CITY OF TORRINGTON 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.
COMPOST FILTER SOCK	WEEKLY & WITHIN 24 HOURS OF RAINFALL > 0.25"	REPAIR/REPLACE WHEN FAILURE OR DETERIORATION IS OBSERVED.
SILT FENCE	WEEKLY & WITHIN 24 HOURS OF RAINFALL > 0.25"	REPAIR/REPLACE WHEN FAILURE OR DETERIORATION IS OBSERVED. REMOVE SILT WHEN IT REACHES 1/2 THE HEIGHT OF THE FENCE.
TOPSOIL/BORROW STOCKPILES	DAILY	REPAIR/REPLACE SEDIMENT BARRIERS AS NECESSARY.
TEMPORARY SEDIMENT BASIN (W/ BAFFLES)	WEEKLY & WITHIN 24 HOURS OF RAINFALL > 0.5"	REMOVE SEDIMENT ONCE IT HAS ACCUMULATED TO ONE HALF OF MINIMUM REQUIRED VOLUME OF THE WET STORAGE, DEWATERING AS NEEDED. RESTORE TRAP TO ORIGINAL DIMENSIONS. REPAIR/REPLACE BAFFLES WHEN FAILURE OR DETERIORATION IS OBSERVED.
TEMPORARY SEDIMENT TRAP (W/ BAFFLES)	WEEKLY & WITHIN 24 HOURS OF RAINFALL > 0.5"	REMOVE SEDIMENT ONCE IT HAS ACCUMULATED TO ONE HALF OF MINIMUM REQUIRED VOLUME OF THE WET STORAGE, DEWATERING AS NEEDED. RESTORE TRAP TO ORIGINAL DIMENSIONS. REPAIR/REPLACE BAFFLES WHEN FAILURE OR DETERIORATION IS OBSERVED.
TEMPORARY SOIL PROTECTION	WEEKLY & WITHIN 24 HOURS OF RAINFALL > 0.25"	REPAIR ERODED OR BARE AREAS IMMEDIATELY. RESEED AND MULCH.

**TORRINGTON SOLAR ONE, LLC**  
**150 TRUMBULL STREET**  
**4TH FLOOR**  
**HARTFORD, CT, 06103**



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

### CSC PERMIT SET

NO	DATE	REVISION
0	06/15/20	INTERCONNECT SCREENING
1	08/12/20	ROAD DETAIL: IFC
2	08/13/20	PANEL LAYOUT & INTERCONN.
3	08/31/20	90% PERMIT SET
4		
5		
6		

### DESIGN PROFESSIONAL OF RECORD

**PROF: BRADLEY J. PARSONS P.E.**  
**COMP: ALL-POINTS TECHNOLOGY CORPORATION**  
**ADD: 567 VAUXHALL ST EXT - STE 311 WATERFORD, CT 06385**

**OWNER: CATHOLIC CEMETERIES OF ARCHDIOCESE OF HARTFORD**  
**ADDRESS: 700 MIDDLETOWN AVENUE NORTH HAVEN, CT 06473**

### TORRINGTON SOLAR ONE, LLC

**SITE EAST PEARL ROAD**  
**ADDRESS: TORRINGTON, CT**

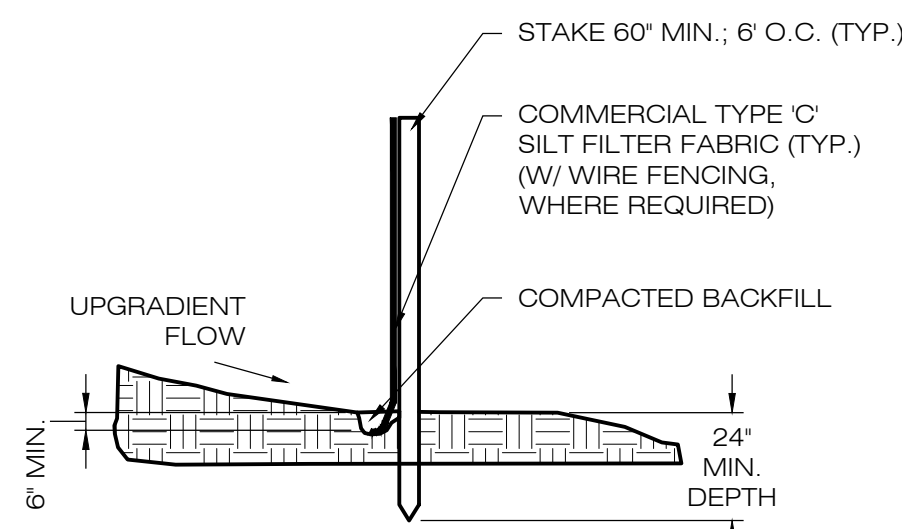
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	<b>DRAWN BY: KAM</b>
<b>DATE: 05/28/2020</b>	<b>CHECKED BY: BJP</b>

**SHEET TITLE:**  
**SEDIMENTATION & EROSION CONTROL NOTES**

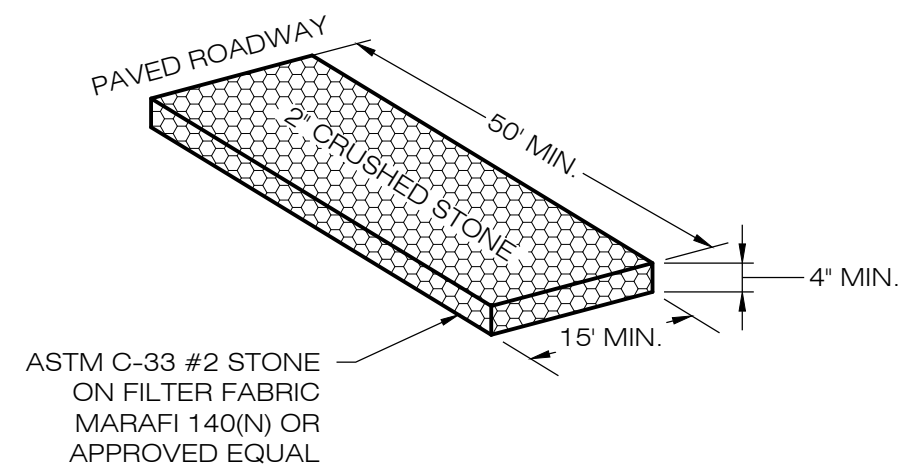
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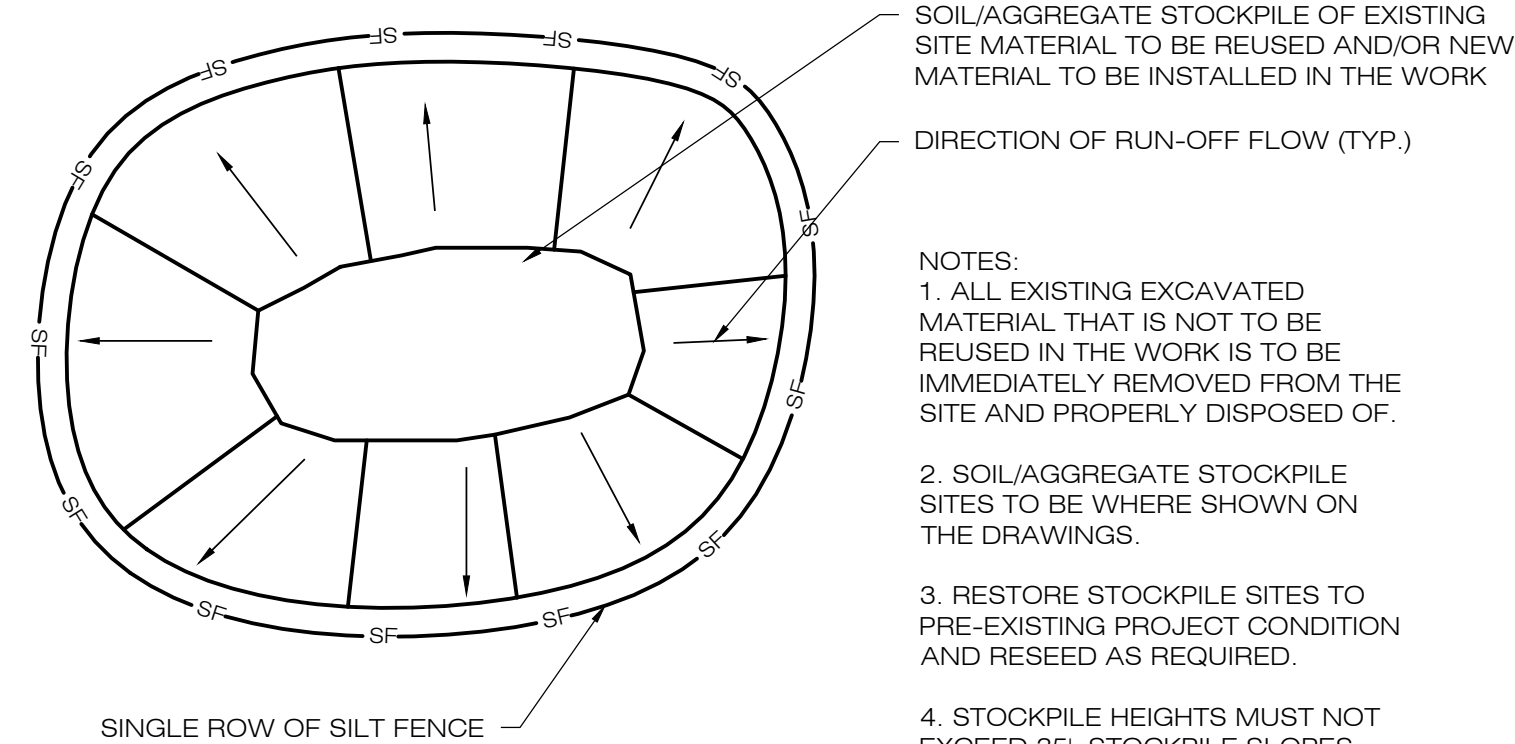


NOTE:  
SILT FENCE SHALL BE LAPPED ONLY WHEN NECESSARY PER THE MANUFACTURER RECOMMENDATIONS.

**1 SILT FENCE DETAIL**  
SCALE : N.T.S.

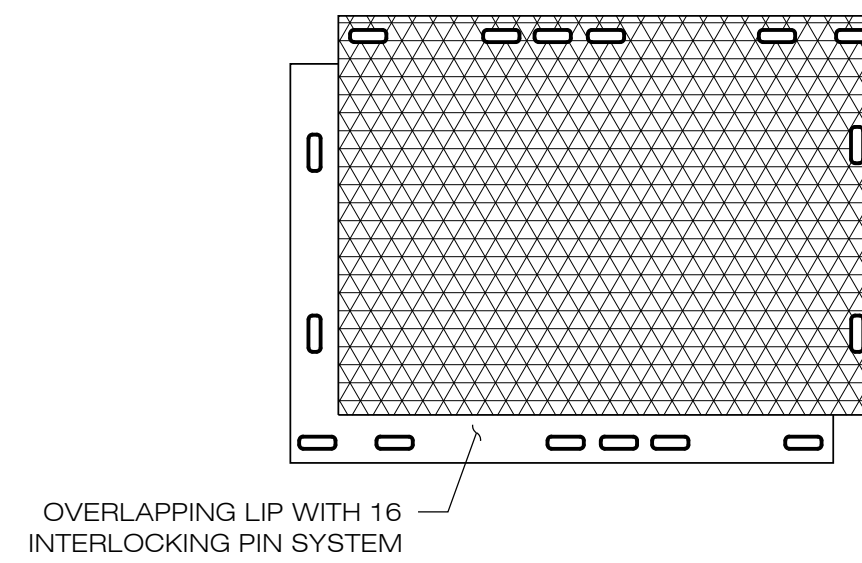


**2 CONSTRUCTION ENTRANCE DETAIL**  
SCALE : N.T.S.



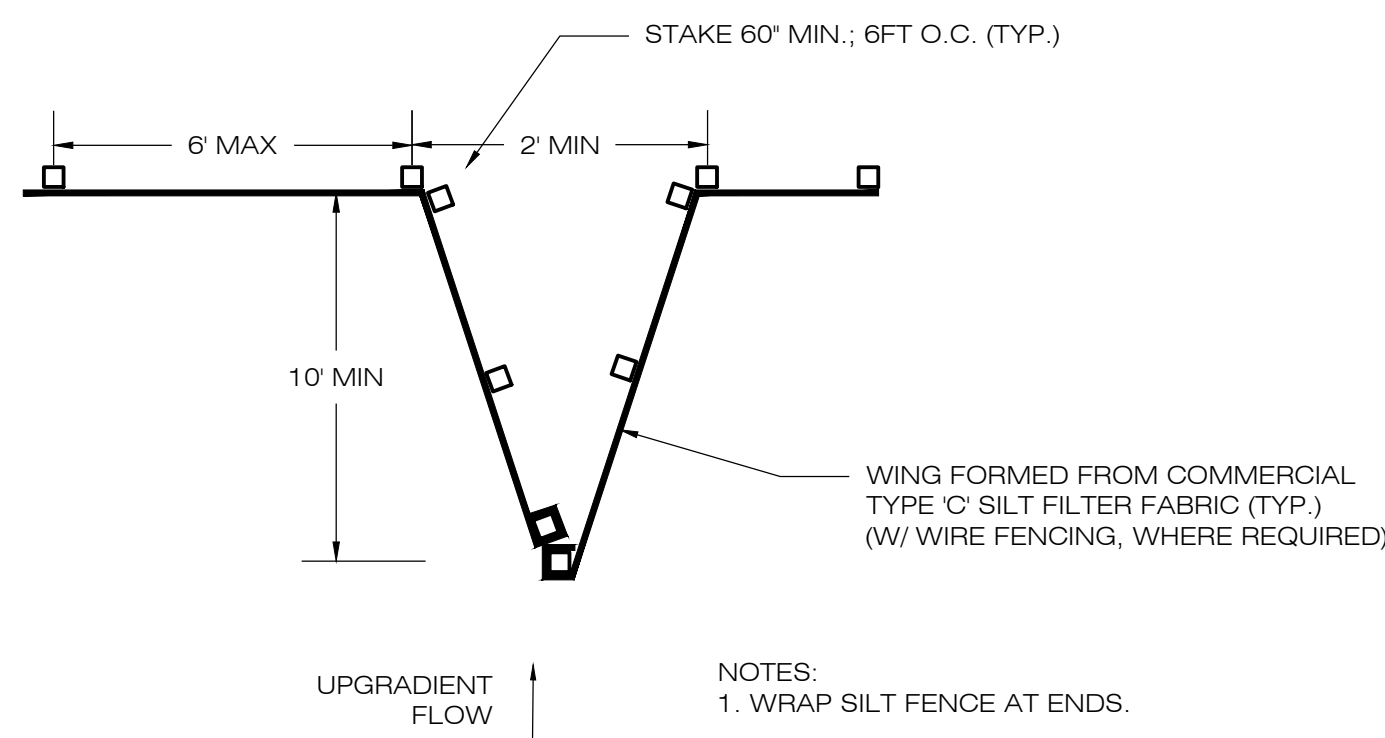
NOTES:  
1. ALL EXISTING EXCAVATED MATERIAL THAT IS NOT TO BE REUSED IN THE WORK IS TO BE IMMEDIATELY REMOVED FROM THE SITE AND PROPERLY DISPOSED OF.  
2. SOIL/AGGREGATE STOCKPILE SITES TO BE WHERE SHOWN ON THE DRAWINGS.  
3. RESTORE STOCKPILE SITES TO PRE-EXISTING PROJECT CONDITION AND RESEED AS REQUIRED.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

**3 MATERIALS STOCKPILE DETAIL**  
SCALE : N.T.S.



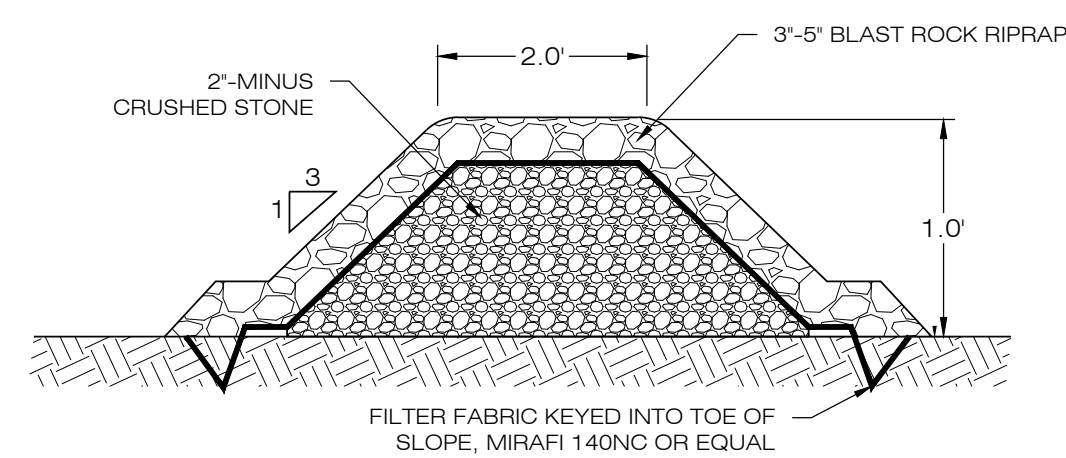
OVERLAPPING LIP WITH 16 INTERLOCKING PIN SYSTEM

**4 TEMPORARY CONSTRUCTION MATTING**  
SCALE : N.T.S.



NOTES:  
1. WRAP SILT FENCE AT ENDS.  
2. NO JOINING FENCE SECTIONS SHALL BE INSTALLED WITHIN 30 FEET OF WING.

**5 SILT FENCE WING DETAIL**  
SCALE : N.T.S.



NOTES:  
1. STONE SHALL BE PLACED MECHANICALLY OR BY HAND. STONE SHALL NOT BE DUMPED DIRECTLY INTO SWALE.  
2. SEE GRADING AND DRAINAGE PLAN.

**6 STONE CHECK DAM**  
SCALE : N.T.S.

NOTES:

1. DURA-BASE COMPOSITE MAT SYSTEM (OR EQUAL). SEE SPECIFICATIONS AND INSTALLATION INSTRUCTIONS FROM MANUFACTURER.
2. OVERALL DIMENSIONS: 8'X14'X4"
3. SURFACE DIMENSIONS: 7'X13'

**TORRINGTON SOLAR ONE, LLC**  
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CSC PERMIT SET		
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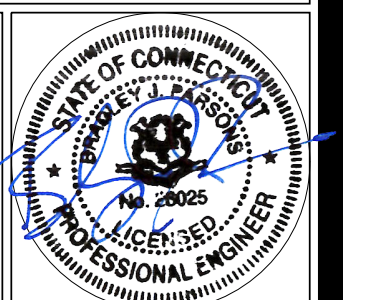
**DESIGN PROFESSIONAL OF RECORD**  
PROF: BRADLEY J. PARSONS P.E.  
COMP: ALL-POINTS TECHNOLOGY CORPORATION  
ADD: 567 VAUXHALL ST EXT - STE 311  
WATERFORD, CT 06385  
OWNER: CATHOLIC CEMETERIES OF ARCHDIOCESE OF HARTFORD  
ADDRESS: 700 MIDDLETOWN AVENUE  
NORTH HAVEN, CT 06473

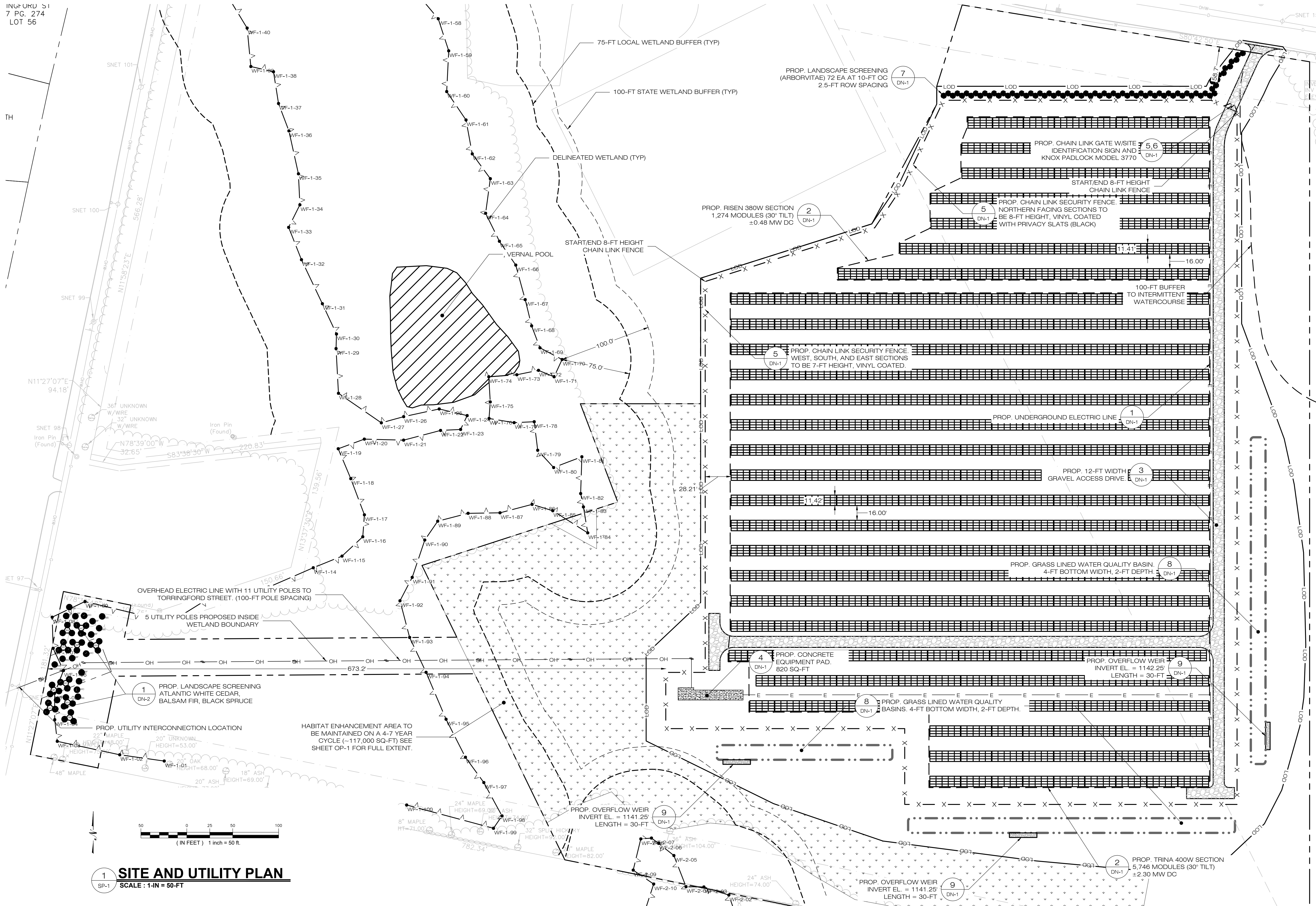
**TORRINGTON SOLAR ONE, LLC**

SITE EAST PEARL ROAD  
ADDRESS: TORRINGTON, CT  
APT FILING NUMBER: CT590190  
DRAWN BY: KAM  
DATE: 05/28/2020 CHECKED BY: BJP

SHEET TITLE:  
**SEDIMENTATION & EROSION CONTROL DETAILS**

SHEET NUMBER:  
**EC-3**





**TORRINGTON SOLAR ONE, LLC**  
150 TRUMBULL STREET  
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**TORRINGTON SOLAR ONE, LLC**

**SITE:** EAST PEARL ROAD  
ADDRESS: TORRINGTON, CT

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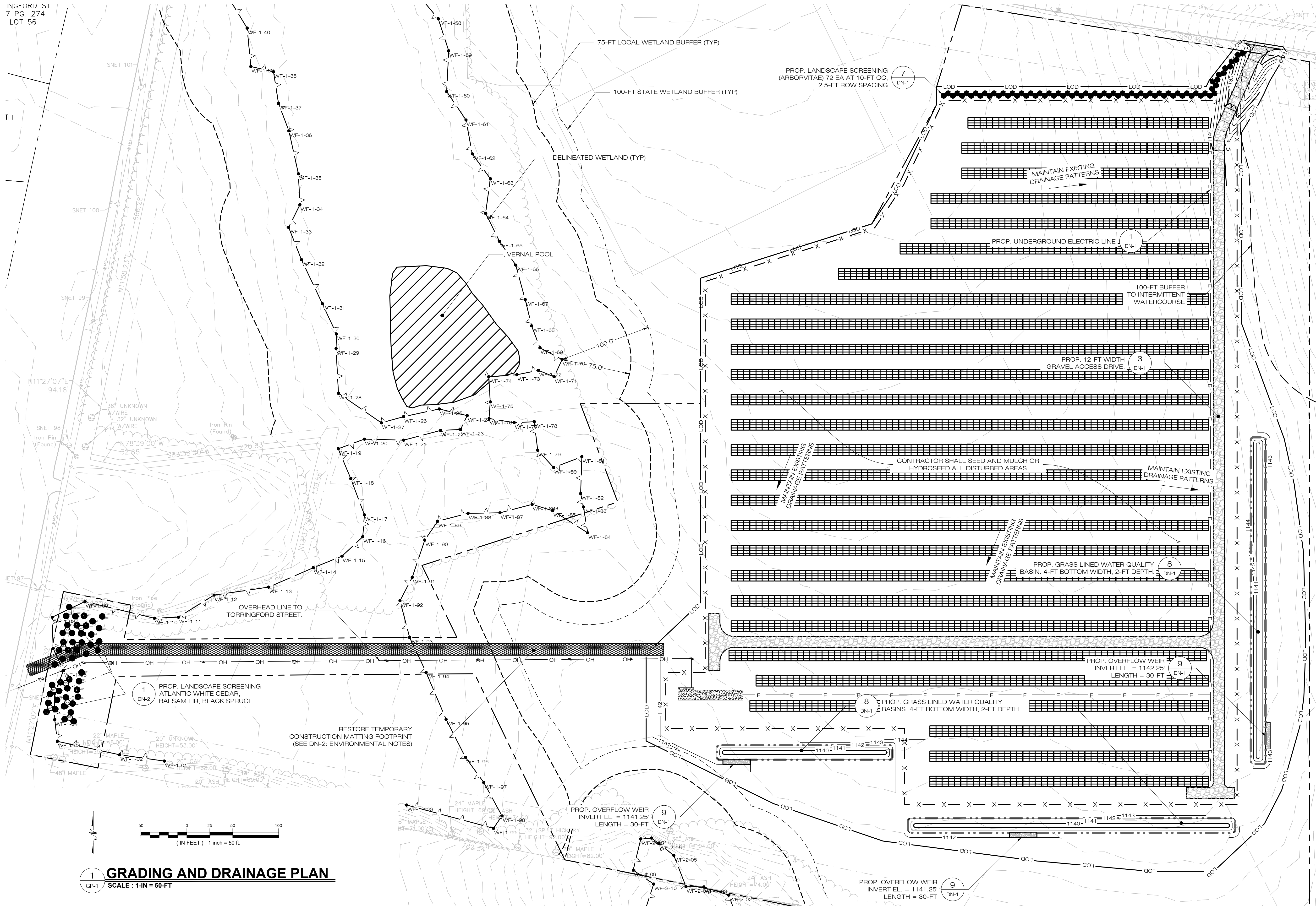
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**DATE:** 05/28/2020 **CHECKED BY:** BJP

**SHEET TITLE:**  
**SITE & UTILITY PLAN**

**SHEET NUMBER:**  
**SP-1**

**1 SITE AND UTILITY PLAN**  
SCALE: 1-IN = 50-FT



**TORRINGTON SOLAR ONE, LLC**  
150 TRUMBULL STREET  
4TH FLOOR  
HARTFORD, CT, 06103

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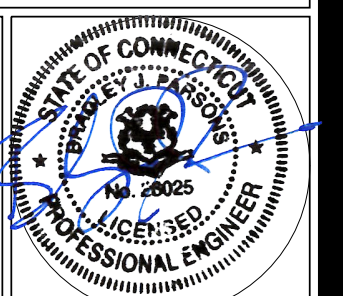
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**TORRINGTON SOLAR ONE, LLC**

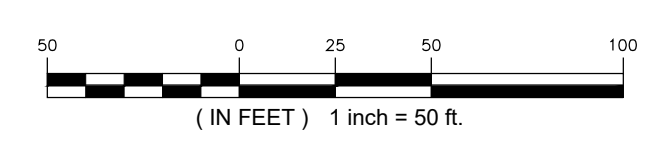
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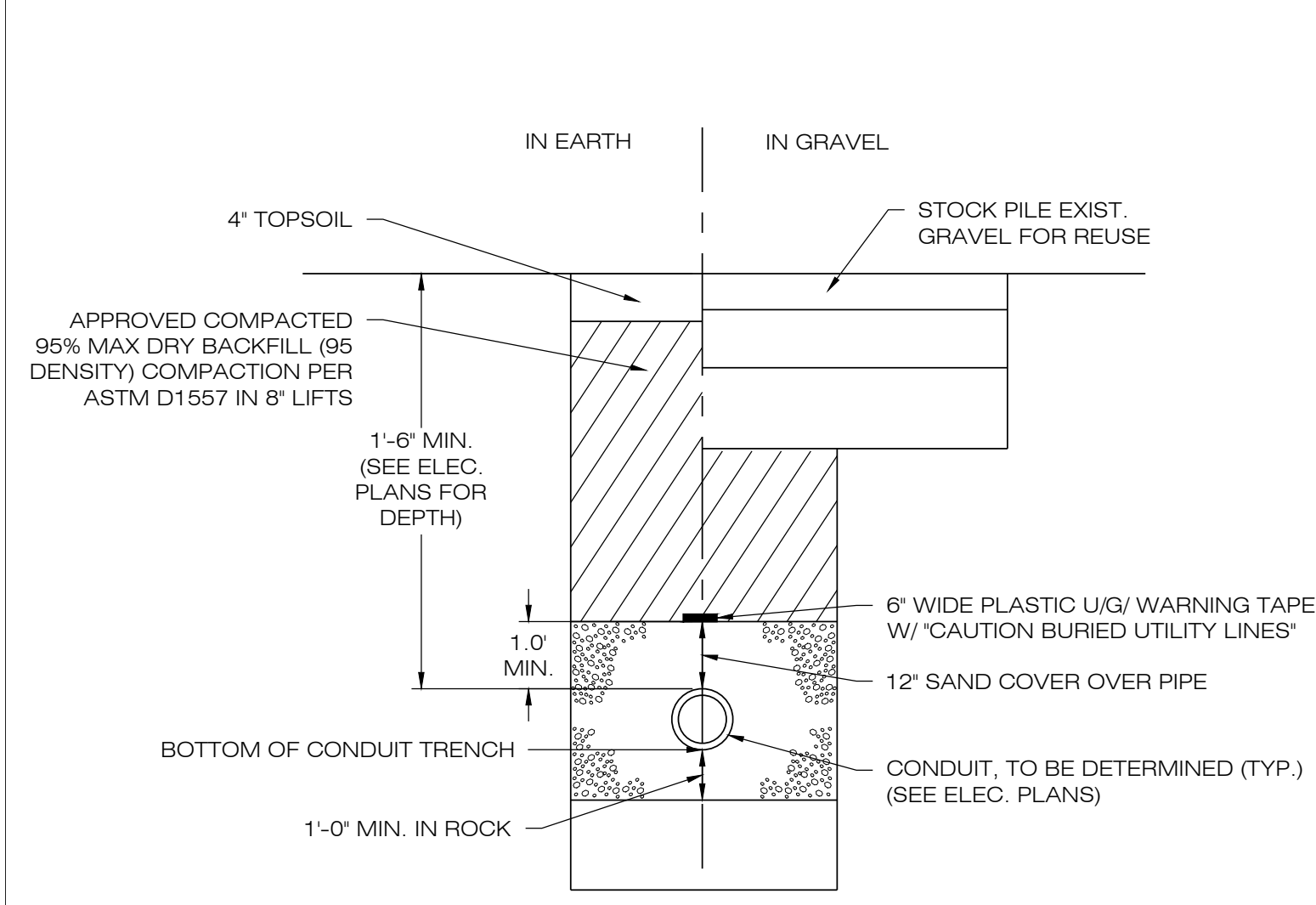
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**GRADING & DRAINAGE PLAN**

**SHEET NUMBER:**  
**GP-1**

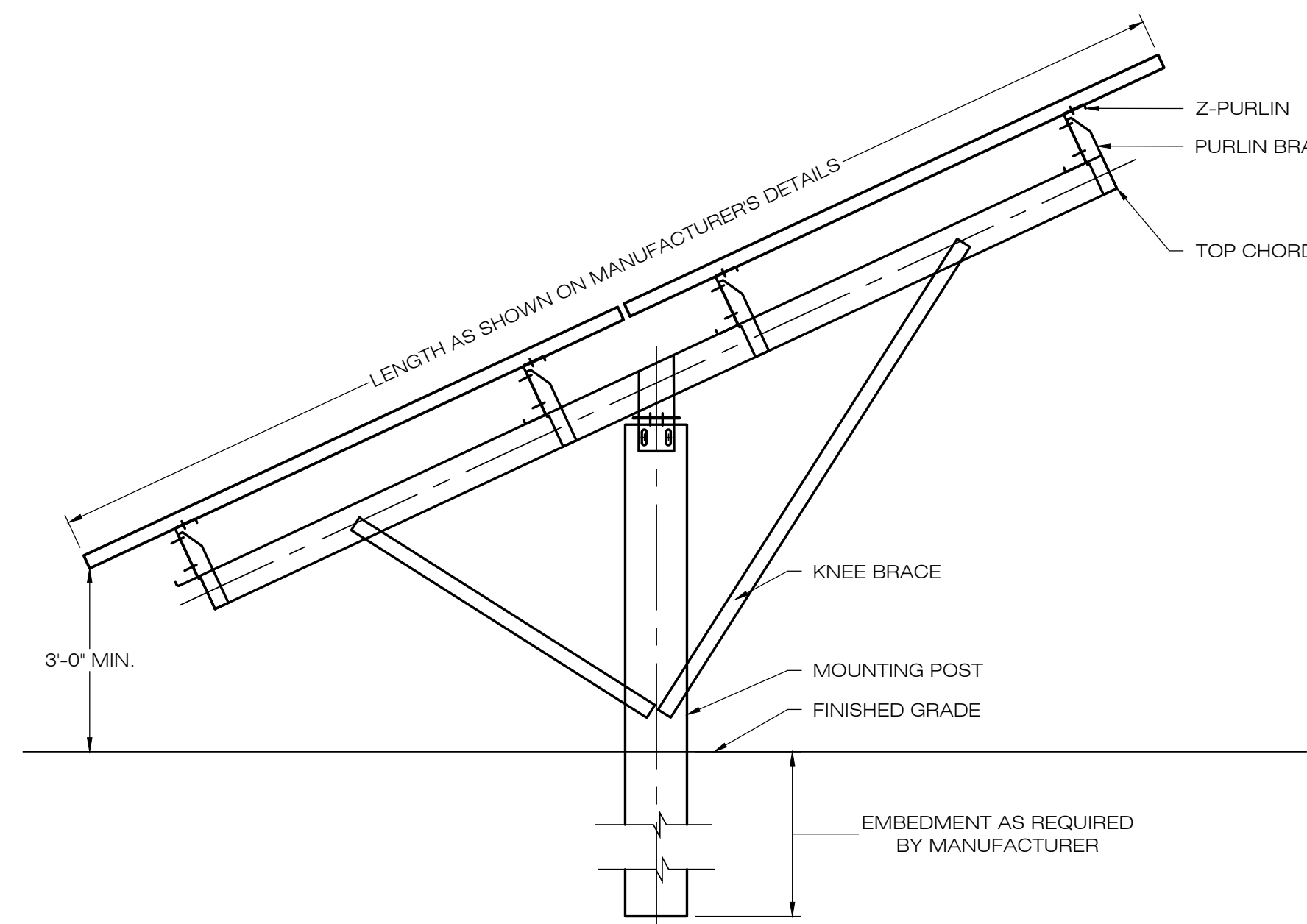


**1 GRADING AND DRAINAGE PLAN**  
GP-1 SCALE: 1-IN = 50-FT

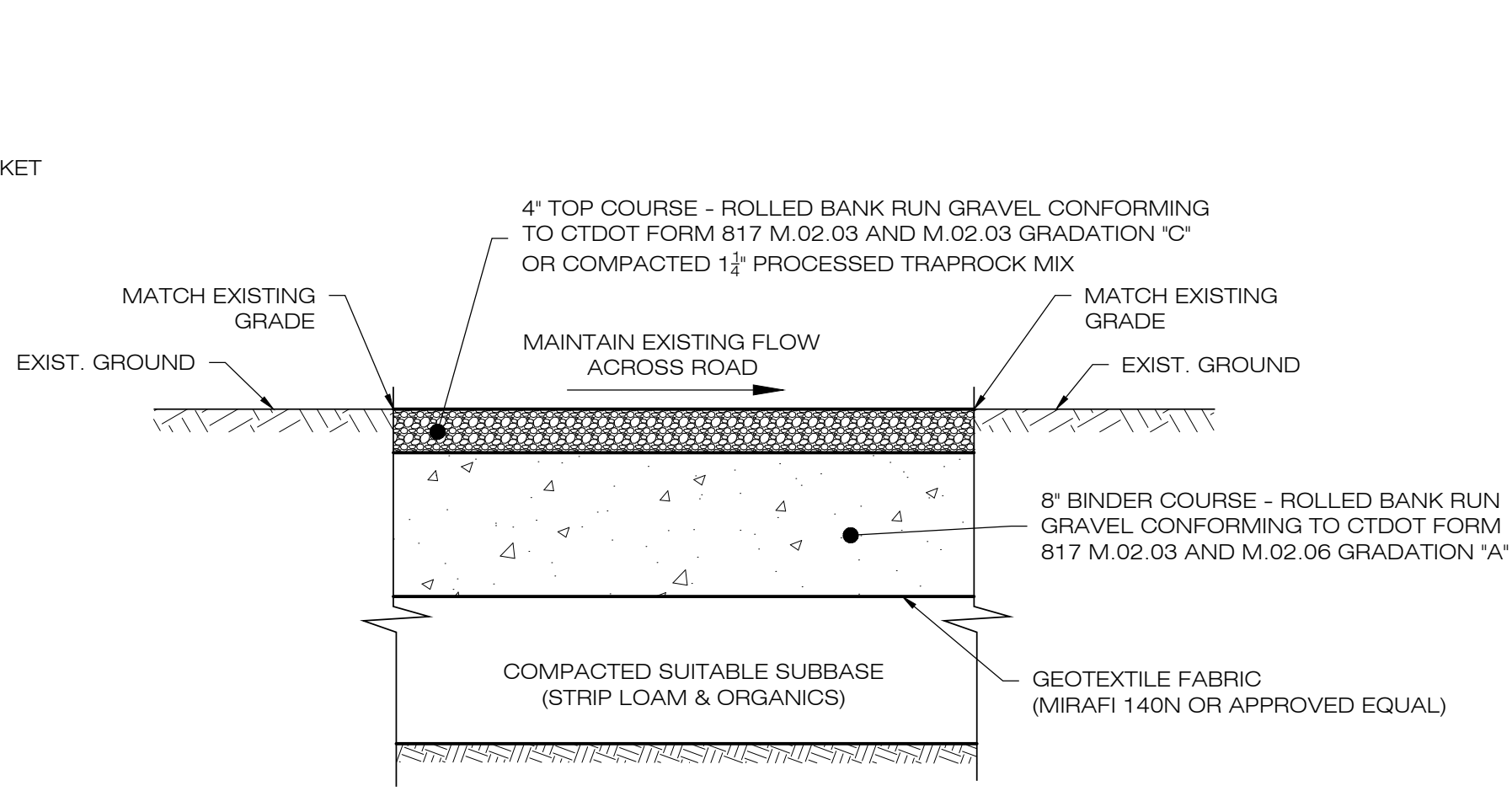




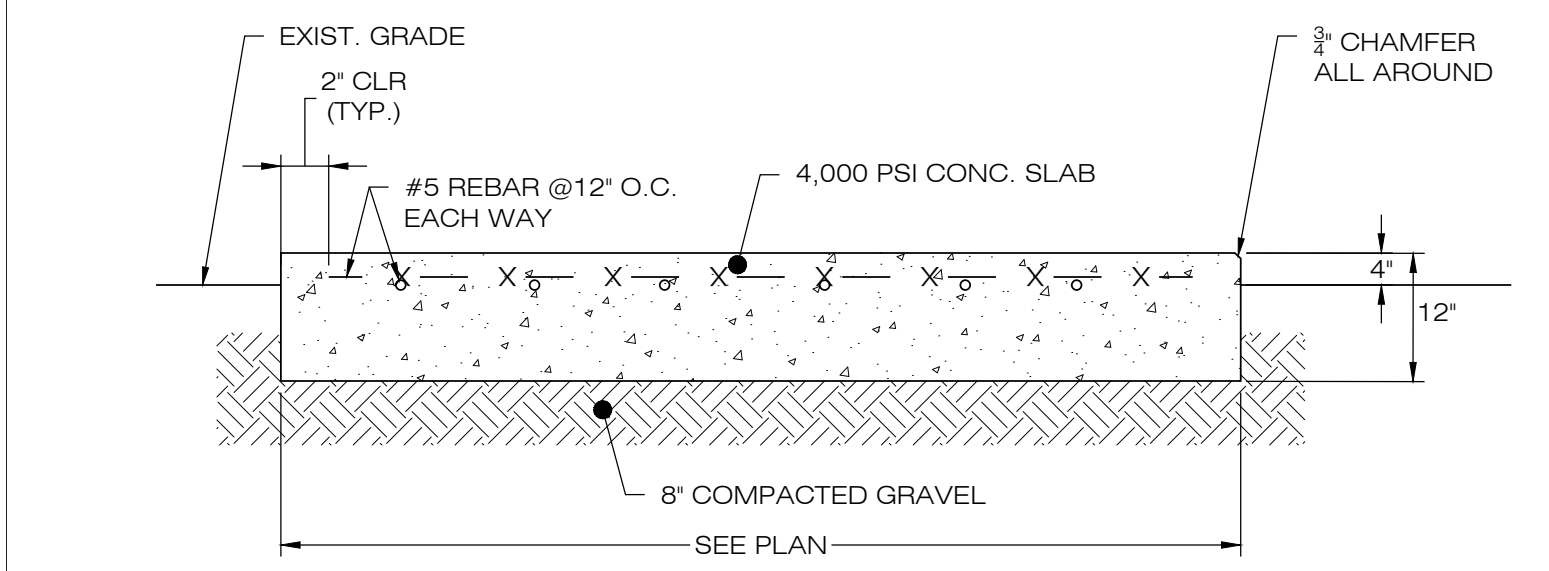
**1 ELECTRICAL TRENCH DETAIL**  
DN-1 SCALE: N.T.S.



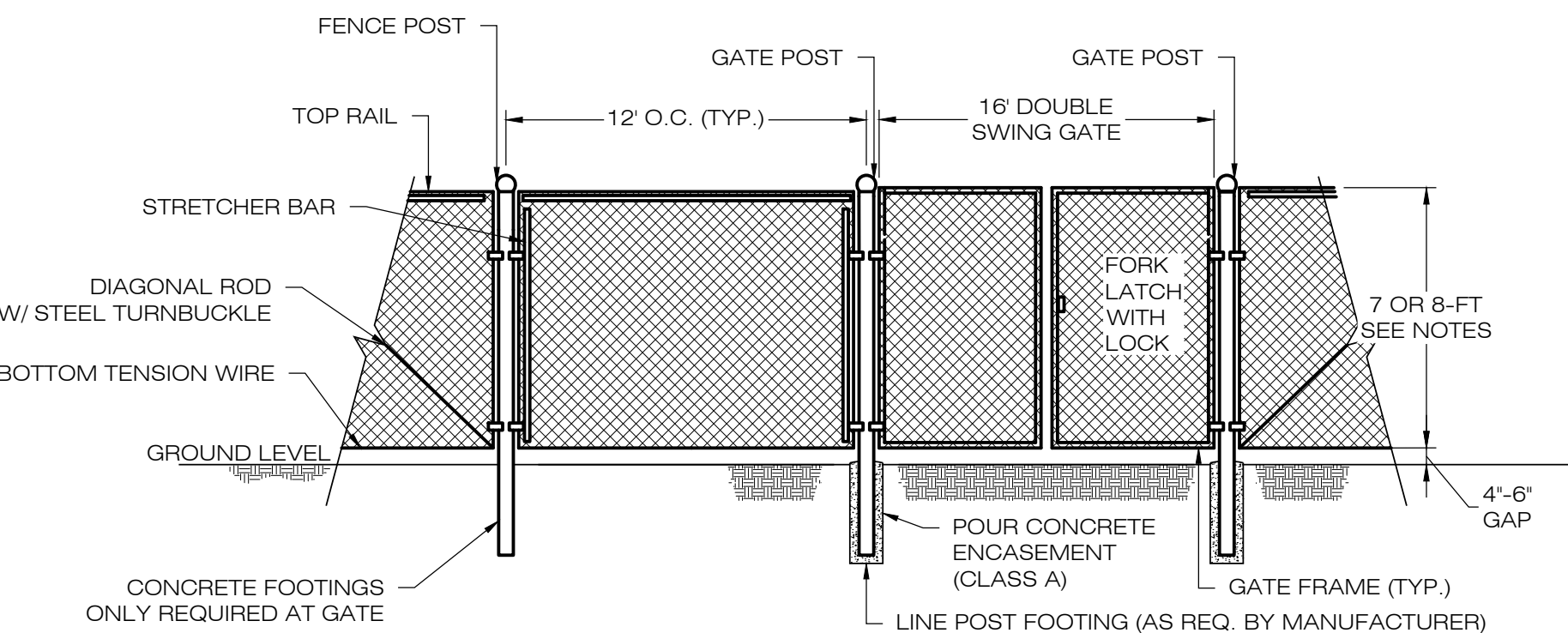
**2 TYPICAL POST MOUNTED RACKING SYSTEM**  
DN-1 SCALE: N.T.S.



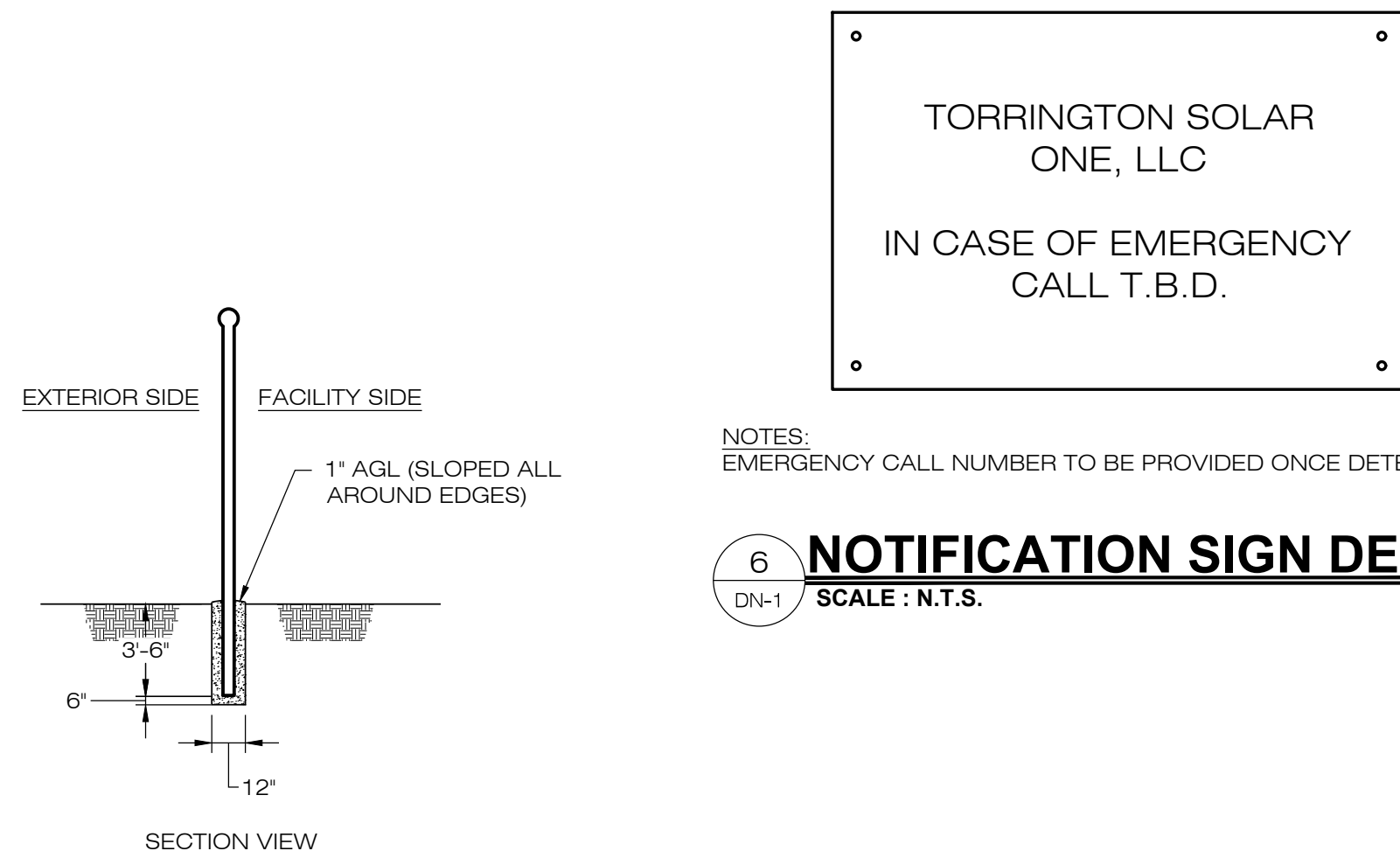
**3 GRAVEL ACCESS DRIVE SECTION**  
DN-1 SCALE: N.T.S.



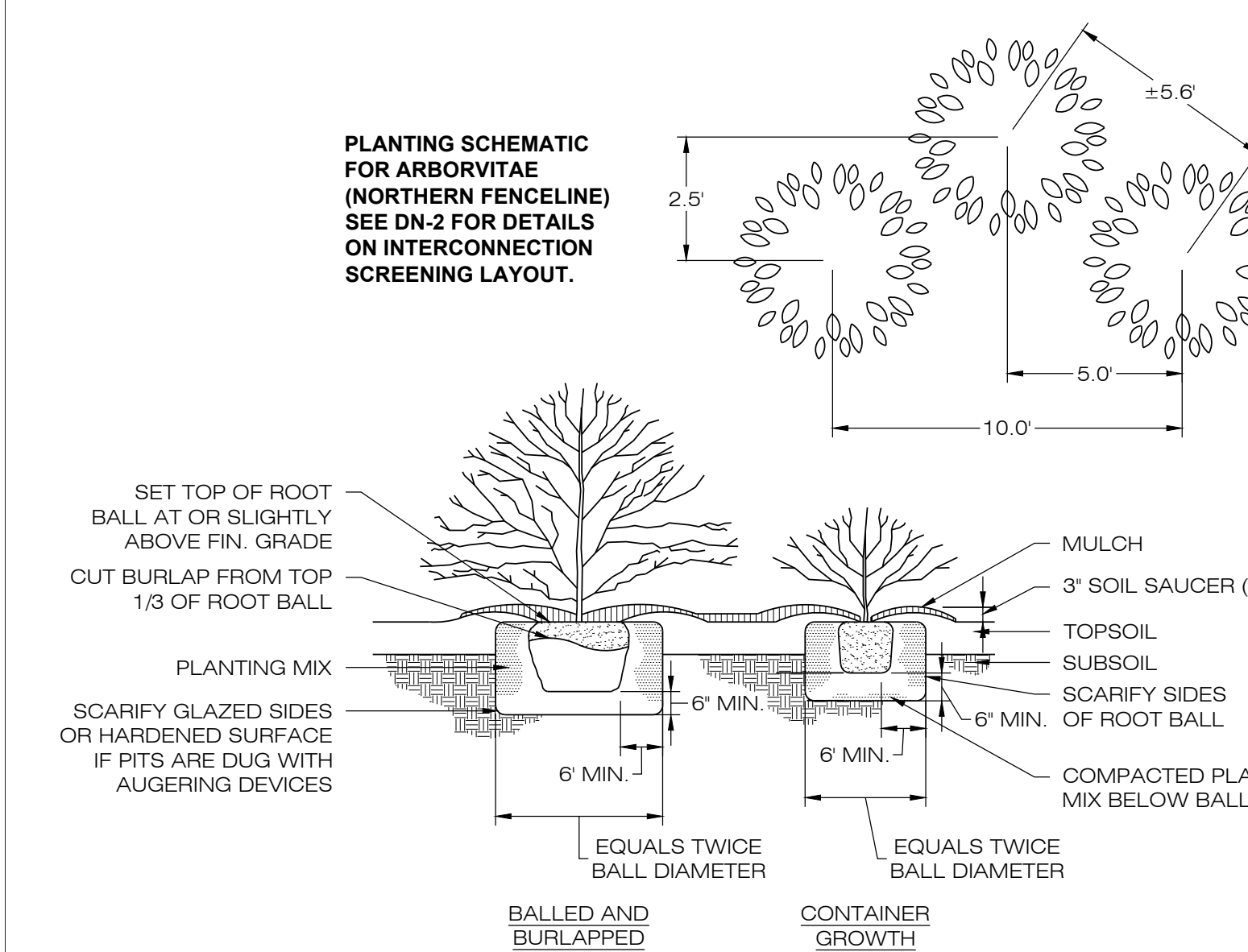
**4 CONCRETE EQUIPMENT PAD**  
DN-1 SCALE: N.T.S.



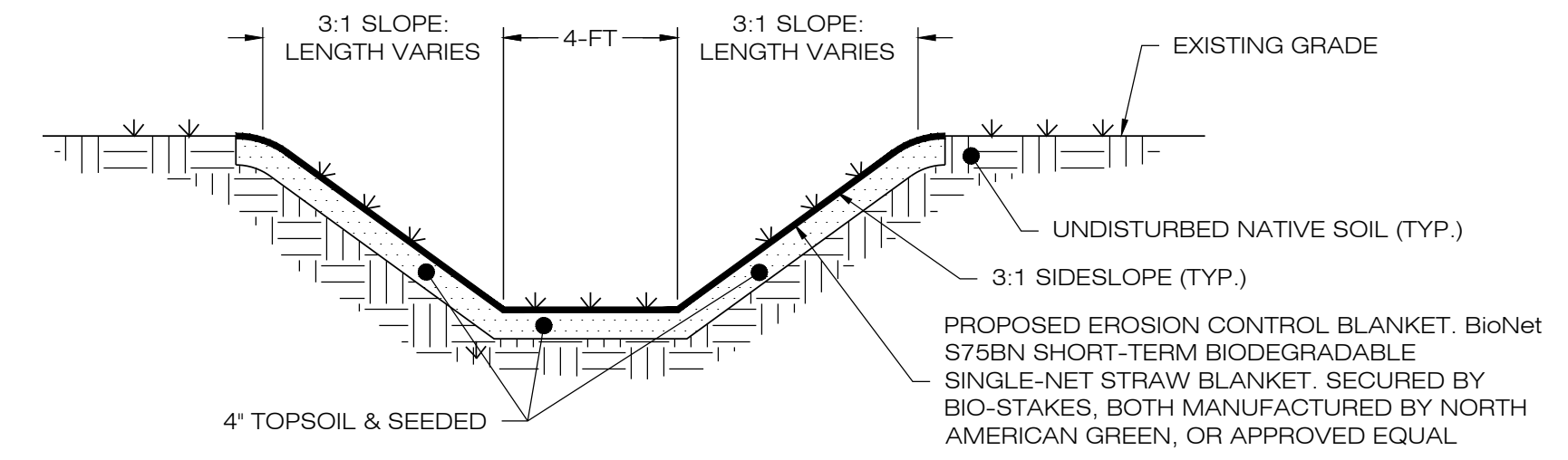
**5 CHAIN-LINK FENCE & GATE DETAIL**  
DN-1 SCALE: N.T.S.



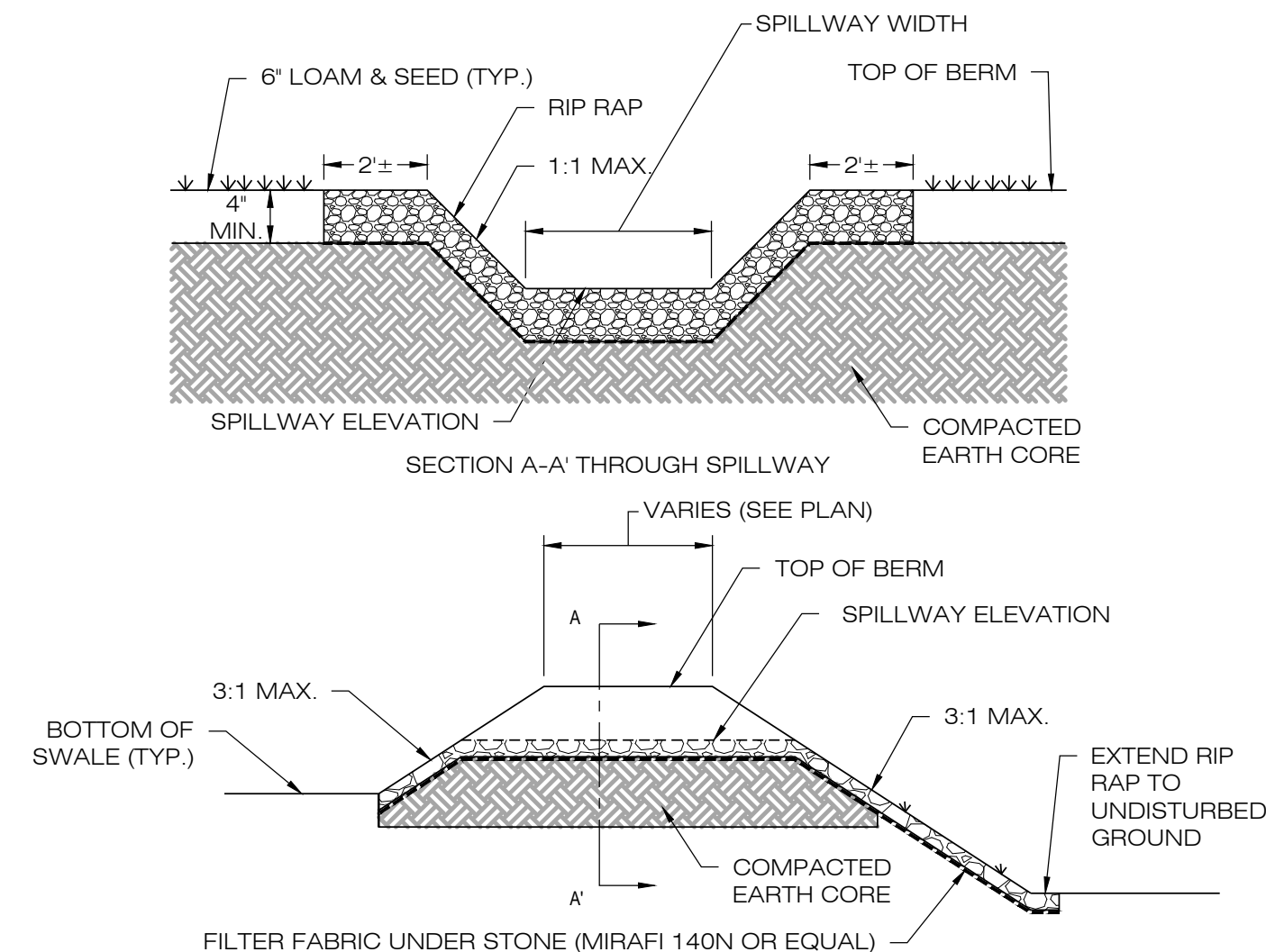
**6 NOTIFICATION SIGN DETAIL**  
DN-1 SCALE: N.T.S.



**7 TYPICAL PLANTING DETAIL**  
DN-1 SCALE: N.T.S.



**8 GRASS LINED WATER QUALITY BASIN**  
DN-1 SCALE: N.T.S.



**9 OVERFLOW WEIR DETAIL**  
DN-1 SCALE: N.T.S.

**TORRINGTON SOLAR ONE, LLC**  
150 TRUMBULL STREET  
4TH FLOOR  
HARTFORD, CT, 06103

**ALL-POINTS TECHNOLOGY CORPORATION**  
567 VAUXHAUL STREET EXTENSION - SUITE 311  
WATERFORD, CT 06385 PHONE: (860)-663-1697  
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CSC PERMIT SET		
NO	DATE	REVISION
0	06/15/20	INTERCONNECT SCREENING
1	08/12/20	ROAD DETAIL: IFC
2	08/13/20	PANEL LAYOUT & INTERCONN.
3	08/31/20	90% PERMIT SET
4		
5		
6		

**DESIGN PROFESSIONAL OF RECORD**  
PROF. BRADLEY J. PARSONS P.E.  
COMP. ALL-POINTS TECHNOLOGY CORPORATION  
ADD: 567 VAUXHALL ST EXT - STE 311  
WATERFORD, CT 06385

**OWNER: CATHOLIC CEMETERIES OF ARCHDIOCESE OF HARTFORD**  
ADDRESS: 700 MIDDLETOWN AVENUE  
NORTH HAVEN, CT 06473

**TORRINGTON SOLAR ONE, LLC**  
SITE EAST PEARL ROAD  
ADDRESS: TORRINGTON, CT  
APT FILING NUMBER: CT590190  
DRAWN BY: KAM  
DATE: 05/28/2020 CHECKED BY: BJP

**SHEET TITLE:**  
**SITE DETAILS**

**SHEET NUMBER:**  
DN-1

STATE OF CONNECTICUT  
REGISTERED PROFESSIONAL ENGINEER  
No. 20025

# ENVIRONMENTAL NOTES

## WETLAND AND VERNAL POOL PROTECTION PLAN

AS A RESULT OF THE PROPOSED DEVELOPMENT'S LOCATION IN THE VICINITY OF WETLANDS AND VERNAL POOL HABITATS, THE FOLLOWING BEST MANAGEMENT PRACTICES ("BMPs") ARE RECOMMENDED TO AVOID UNINTENTIONAL IMPACT TO WETLAND HABITATS OR MORTALITY TO VERNAL POOL HERPETOFAUNA (I.E., SPOTTED SALAMANDER, WOOD FROG, TURTLES, ETC.) DURING CONSTRUCTION ACTIVITIES. THIS PLAN INCLUDES ELEMENTS THAT WILL PROTECT HERPETOFAUNA SHOULD CONSTRUCTION ACTIVITIES OCCUR DURING PEAK AMPHIBIAN MOVEMENT PERIODS (EARLY SPRING BREEDING [MARCH 1ST TO MAY 15TH] AND LATE SUMMER DISPERSAL [JULY 15TH TO SEPTEMBER 15TH]) AS WELL AS WETLANDS REGARDLESS OF THE TIME OF YEAR. COMPLETE DETAILS OF THE RECOMMENDED BMPs ARE PROVIDED BELOW, WHICH WILL BE INCORPORATED INTO THE CONSTRUCTION DRAWINGS TO ENSURE THE CONTRACTOR IS FULLY AWARE OF THE PROJECT'S ENVIRONMENTALLY SENSITIVE SETTING.

IN ADDITION, A PORTION OF THE PROPOSED SOLAR FACILITY UTILITY INTERCONNECTION IS LOCATED WITHIN WETLANDS THAT WERE PREVIOUSLY DISTURBED BY AGRICULTURAL ACTIVITIES. AS A RESULT, MINOR PERMANENT WETLAND IMPACTS ARE ASSOCIATED WITH DISTRIBUTION POLE INSTALLATION WORK AND TEMPORARY DISTURBANCE TO WETLANDS WILL RESULT FROM SWAMP MAT INSTALLATION TO ACCESS THE DISTRIBUTION POLE WORK AREAS. THE FOLLOWING PROTECTIVE MEASURES AND RESTORATION ACTIVITIES SHALL BE FOLLOWED TO HELP AVOID DEGRADATION OF AND PROPERLY RESTORE THESE WETLANDS.

A WETLAND SCIENTIST FROM ALL-POINTS TECHNOLOGY CORP. ("APT") EXPERIENCED IN COMPLIANCE MONITORING OF CONSTRUCTION ACTIVITIES WILL SERVE AS THE ENVIRONMENTAL MONITOR FOR THIS PROJECT TO ENSURE THAT THE FOLLOWING BMPs ARE IMPLEMENTED PROPERLY. THE PROPOSED WETLAND AND VERNAL POOL PROTECTION PROGRAM CONSISTS OF SEVERAL COMPONENTS INCLUDING: ISOLATION OF THE TOWER/COMPOUND PERIMETER; PERIODIC INSPECTION AND MAINTENANCE OF EROSION CONTROLS AND ISOLATION STRUCTURES; HERPETOFAUNA SWEEPS; EDUCATION OF ALL CONTRACTORS AND SUB-CONTRACTORS PRIOR TO INITIATION OF WORK ON THE SITE; PROTECTIVE MEASURES; AND, REPORTING.

### 1. EROSION AND SEDIMENTATION CONTROLS

- PLASTIC NETTING WITH LARGE MESH OPENINGS (> 1/4") USED IN A VARIETY OF EROSION CONTROL PRODUCTS (I.E., EROSION CONTROL BLANKETS, FIBER ROLLS [WATTLES], REINFORCED SILT FENCE) HAS BEEN FOUND TO ENTANGLE WILDLIFE, INCLUDING REPTILES, AMPHIBIANS, BIRDS AND SMALL MAMMALS. NO PERMANENT EROSION CONTROL PRODUCTS OR REINFORCED SILT FENCE WILL BE USED ON THE PROJECT. TEMPORARY EROSION CONTROL PRODUCTS THAT WILL BE EXPOSED AT THE GROUND SURFACE REPRESENT A POTENTIAL FOR WILDLIFE ENTANGLEMENT WILL USE EITHER EROSION CONTROL BLANKETS AND FIBER ROLLS COMPOSED OF PROCESSED FIBERS MECHANICALLY BOUND TOGETHER TO FORM A CONTINUOUS MATRIX (NETLESS) OR NETTING WITH A MESH SIZE <1/4" SUCH AS THAT TYPICALLY USED IN COMPOST FILTER SOCKS TO AVOID/MINIMIZE WILDLIFE ENTANGLEMENT.
- INSTALLATION OF EROSION AND SEDIMENTATION CONTROLS, REQUIRED FOR EROSION CONTROL COMPLIANCE AND CREATION OF A BARRIER TO POSSIBLE MIGRATING/DISPERSING HERPETOFAUNA, SHALL BE PERFORMED BY THE CONTRACTOR FOLLOWING CLEARING ACTIVITIES AND PRIOR TO ANY EARTHWORK. THE ENVIRONMENTAL MONITOR WILL INSPECT THE WORK ZONE AREA PRIOR TO AND FOLLOWING EROSION CONTROL BARRIER INSTALLATION TO ENSURE THE AREA IS FREE OF HERPETOFAUNA AND SATISFACTORILY INSTALLED. THE INTENT OF THE BARRIER IS TO SEGREGATE THE MAJORITY OF THE WORK ZONE FROM MIGRATING/DISPERSING HERPETOFAUNA. OFTENTIMES COMPLETE ISOLATION OF A WORK ZONE IS NOT FEASIBLE DUE TO ACCESSIBILITY NEEDS AND LOCATIONS OF STAGING/MATERIAL STORAGE AREAS, ETC. IN THOSE CIRCUMSTANCES, THE BARRIERS WILL BE POSITIONED TO DEFLECT MIGRATING/DISPERSAL ROUTES AWAY FROM THE WORK ZONE TO MINIMIZE POTENTIAL ENCOUNTERS WITH HERPETOFAUNA.
- IF A STAGING AREA FOR EQUIPMENT, VEHICLES OR CONSTRUCTION MATERIALS IS REQUIRED FOR THIS PROJECT, SUCH AREA(S) SHALL BE LOCATED OUTSIDE OF ANY WETLAND RESOURCE BUFFER ZONE AND SURROUNDED BY SILT FENCE TO ISOLATE THE AREA FROM POSSIBLE MIGRATING HERPETOFAUNA.
- ALL EROSION CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS OF COMPLETION OF WORK AND PERMANENT STABILIZATION OF SITE SOILS SO THAT HERPETOFAUNA MOVEMENTS BETWEEN UPLANDS AND WETLANDS ARE NOT RESTRICTED.

### 2. WETLAND RESTORATION MEASURES

- SWAMP MATS, TRUCK MATS OR SIMILAR DEVICES SHALL BE USED DURING THE INSTALLATION OF THE UTILITY INTERCONNECTION LINE WITHIN WETLAND AREAS. THESE DEVICES SHALL BE KEPT FREE OF TRACKED SEDIMENTS.
- VEGETATION CLEARED TO FACILITATE THE INSTALLATION OF SWAMP MATS/TUCK MATS ETC. SHALL HAVE THE STUMPS LEFT IN PLACE TO MINIMIZE SOIL DISTURBANCE AND ALLOW FOR NATURAL REVEGETATION POST REMOVAL OF THE MATTING.
- SOIL EXCAVATED FROM THE UTILITY POLE PITS SHALL BE REMOVED FROM WETLAND AREAS AND SPREAD/STABILIZED WITHIN UPLAND AREAS OR REMOVED OFF-SITE.
- MATting USED TO ACCESS THE UTILITY INTERCONNECTION WORK SHALL BE REMOVED IMMEDIATELY AFTER COMPLETION. ANY EXPOSED SOILS/DISTURBED AREAS RESULTING FROM THESE MATTING ACTIVITIES SHALL BE SEEDED WITH A NEW ENGLAND WET SEED MIX (NEW ENGLAND WETLAND PLANTS, INC., OR APPROVED EQUIVALENT) AT THE MANUFACTURERS RECOMMENDED SEED RATE. MULCH DISTURBED WETLAND AREAS WITH NON-WOVEN NATURAL FIBER EROSION CONTROL BLANKET OR 2 TO 3 INCHES OF CLEAN STRAW MULCH.

### 3. CONTRACTOR EDUCATION:

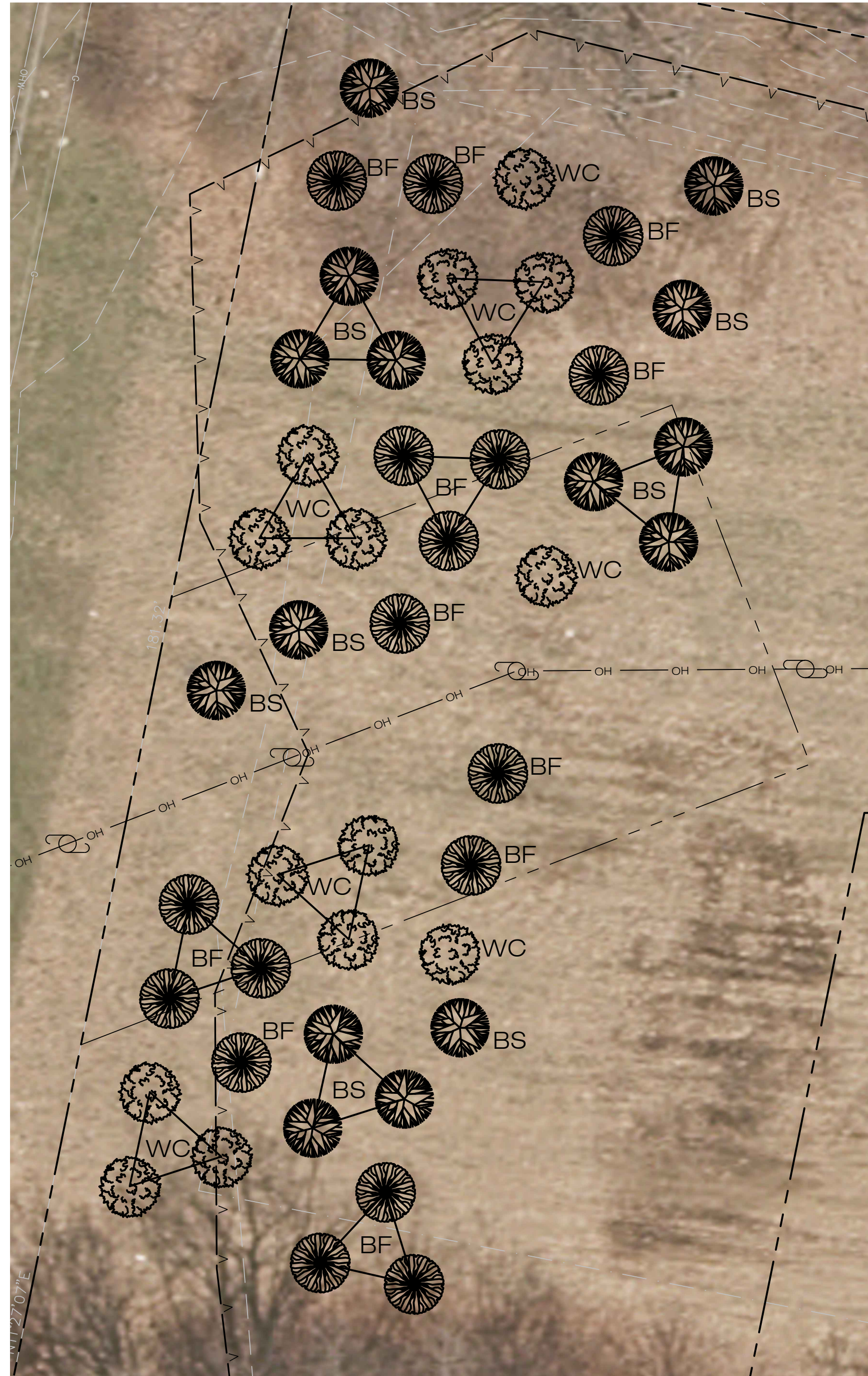
- PRIOR TO WORK ON SITE AND INITIAL DEPLOYMENT/MOBILIZATION OF EQUIPMENT AND MATERIALS, THE CONTRACTOR SHALL ATTEND AN EDUCATIONAL SESSION AT THE PRE-CONSTRUCTION MEETING WITH THE ENVIRONMENTAL MONITOR. THIS ORIENTATION AND EDUCATIONAL SESSION WILL CONSIST OF INFORMATION SUCH AS, BUT NOT LIMITED TO: REPRESENTATIVE PHOTOGRAPHS OF TYPICAL HERPETOFAUNA THAT MAY BE ENCOUNTERED, RARE THAT COULD BE ENCOUNTERED (IF POSSIBLE), TYPICAL SPECIES BEHAVIOR, AND PROPER PROCEDURES TO PROTECT SUCH SPECIES IF THEY ARE ENCOUNTERED. THE MEETING WILL FURTHER EMPHASIZE THE NON-AGGRESSIVE NATURE OF THESE SPECIES, THE ABSENCE OF NEED TO DESTROY SUCH ANIMALS AND THE NEED TO FOLLOW PROTECTIVE MEASURES AS DESCRIBED IN SECTION 4 BELOW. THE CONTRACTOR WILL DESIGNATE ONE OF ITS WORKERS AS THE "PROJECT MONITOR", WHO WILL RECEIVE MORE INTENSE TRAINING ON THE IDENTIFICATION AND PROPER HANDLING OF HERPETOFAUNA.
- THE CONTRACTOR WILL DESIGNATE A MEMBER OF ITS CREW AS THE PROJECT MONITOR TO BE RESPONSIBLE FOR THE DAILY "SWEEPS" FOR HERPETOFAUNA WITHIN THE WORK ZONE EACH MORNING, DURING ANY AND ALL TRANSPORTATION OF VEHICLES ALONG THE ACCESS DRIVE, AND FOR ANY GROUND DISTURBANCE WORK. THIS INDIVIDUAL WILL RECEIVE MORE INTENSE TRAINING FROM THE ENVIRONMENTAL MONITOR ON THE IDENTIFICATION AND PROTECTION OF HERPETOFAUNA IN ORDER TO PERFORM SWEEPS. ANY HERPETOFAUNA DISCOVERED WILL BE REPORTED TO THE ENVIRONMENTAL MONITOR, PHOTOGRAPHED IF POSSIBLE, AND RELOCATED OUTSIDE THE WORK ZONE IN THE GENERAL DIRECTION THE ANIMAL WAS ORIENTED.
- THE ENVIRONMENTAL MONITOR WILL ALSO POST CAUTION SIGNS THROUGHOUT THE PROJECT SITE AND MAINTAIN THEM FOR THE DURATION OF CONSTRUCTION TO PROVIDE NOTICE OF THE ENVIRONMENTALLY SENSITIVE NATURE OF THE WORK AREA, THE POTENTIAL FOR ENCOUNTERING VARIOUS AMPHIBIANS AND REPTILES AND PRECAUTIONS TO BE TAKEN TO AVOID INJURY TO OR MORTALITY OF THESE ANIMALS.
- THE CONTRACTOR WILL BE PROVIDED WITH THE ENVIRONMENTAL MONITOR'S CELL PHONE AND EMAIL CONTACT INFORMATION TO IMMEDIATELY REPORT ANY ENCOUNTERS WITH HERPETOFAUNA.

### 4. PETROLEUM MATERIALS STORAGE AND SPILL PREVENTION

- CERTAIN PRECAUTIONS ARE NECESSARY TO STORE PETROLEUM MATERIALS, REFUEL AND CONTAIN AND PROPERLY CLEAN UP ANY INADVERTENT FUEL OR PETROLEUM (I.E., OIL, HYDRAULIC FLUID, ETC.) SPILL DUE TO THE PROJECT'S LOCATION IN PROXIMITY TO SENSITIVE WETLAND RESOURCES.
- A SPILL CONTAINMENT KIT CONSISTING OF A SUFFICIENT SUPPLY OF ABSORBENT PADS AND ABSORBENT MATERIAL WILL BE MAINTAINED BY THE CONTRACTOR AT THE CONSTRUCTION SITE THROUGHOUT THE DURATION OF THE PROJECT. IN ADDITION, A WASTE DRUM WILL BE KEPT ON SITE TO CONTAIN ANY USED ABSORBENT PADS/MATERIAL FOR PROPER AND TIMELY DISPOSAL OFF SITE IN ACCORDANCE WITH APPLICABLE LOCAL, STATE AND FEDERAL LAWS.
- THE FOLLOWING PETROLEUM AND HAZARDOUS MATERIALS STORAGE AND REFUELING RESTRICTIONS AND SPILL RESPONSE PROCEDURES WILL BE ADHERED TO BY THE CONTRACTOR.
  - PETROLEUM AND HAZARDOUS MATERIALS STORAGE AND REFUELING
    - REFUELING OF VEHICLES OR MACHINERY SHALL TAKE PLACE ON AN IMPERVIOUS PAD WITH SECONDARY CONTAINMENT DESIGNED TO CONTAIN FUELS.
    - ANY REFUELING DRUMS/TANKS OR HAZARDOUS MATERIALS THAT MUST BE KEPT ON SITE SHALL BE STORED ON AN IMPERVIOUS SURFACE UTILIZING SECONDARY CONTAINMENT A MINIMUM OF 100 FEET FROM WETLANDS OR WATERCOURSES.
  - INITIAL SPILL RESPONSE PROCEDURES
    - STOP OPERATIONS AND SHUT OFF EQUIPMENT.
    - REMOVE ANY SOURCES OF SPARK OR FLAME.
    - CONTAIN THE SOURCE OF THE SPILL.
    - DETERMINE THE APPROXIMATE VOLUME OF THE SPILL.
    - IDENTIFY THE LOCATION OF NATURAL FLOW PATHS TO PREVENT THE RELEASE OF THE SPILL TO SENSITIVE NEARBY WATERWAYS OR WETLANDS.
    - ENSURE THAT FELLOW WORKERS ARE NOTIFIED OF THE SPILL.
  - SPILL CLEAN UP & CONTAINMENT
    - OBTAIN SPILL RESPONSE MATERIALS FROM THE ON-SITE SPILL RESPONSE KIT. PLACE ABSORBENT MATERIALS DIRECTLY ON THE RELEASE AREA.
    - LIMIT THE SPREAD OF THE SPILL BY PLACING ABSORBENT MATERIALS AROUND THE PERIMETER OF THE SPILL.
    - ISOLATE AND ELIMINATE THE SPILL SOURCE.
    - CONTACT THE APPROPRIATE LOCAL, STATE AND/OR FEDERAL AGENCIES, AS NECESSARY.
    - CONTACT A DISPOSAL COMPANY TO PROPERLY DISPOSE OF CONTAMINATED MATERIALS.
  - REPORTING
    - COMPLETE AN INCIDENT REPORT.
    - SUBMIT A COMPLETED INCIDENT REPORT TO LOCAL, STATE AND FEDERAL AGENCIES, AS REQUIRED.

### 5. PROTECTIVE MEASURES

- A THOROUGH COVER SEARCH OF THE CONSTRUCTION AREA WILL BE PERFORMED BY THE ENVIRONMENTAL MONITOR FOR HERPETOFAUNA PRIOR TO AND FOLLOWING INSTALLATION OF EROSION CONTROL MEASURES/SILT FENCING BARRIERS TO REMOVE ANY SPECIES FROM THE WORK ZONE PRIOR TO THE INITIATION OF CONSTRUCTION ACTIVITIES. ANY HERPETOFAUNA DISCOVERED WOULD BE RELOCATED OUTSIDE THE WORK ZONE IN THE GENERAL DIRECTION THE ANIMAL WAS ORIENTED. PERIODIC INSPECTIONS WILL BE PERFORMED BY THE ENVIRONMENTAL MONITOR THROUGHOUT THE DURATION OF CONSTRUCTION.
  - THE CONTRACTORS PROJECT MONITOR WILL INSPECT THE WORK AREA EACH MORNING AND ESCORT INITIAL VEHICLE ACCESS INTO THE SITE EACH MORNING ALONG THE ACCESS DRIVE TO VISUALLY INSPECT FOR ANY HERPETOFAUNA. ANY HERPETOFAUNA DISCOVERED WOULD BE RELOCATED OUTSIDE THE WORK ZONE IN THE GENERAL DIRECTION THE ANIMAL WAS ORIENTED.
  - ANY HERPETOFAUNA REQUIRING RELOCATION OUT OF THE WORK ZONE WILL BE CAPTURED WITH THE USE OF A NET OR CLEAN PLASTIC BAG THAT HAS BEEN MOISTENED WITH CLEAN WATER FOR CAREFUL HANDLING AND PLACEMENT OUT OF THE WORK ZONE IN THE GENERAL DIRECTION IT WAS OBSERVED HEADING.
  - ANY STORMWATER MANAGEMENT FEATURES, RUTS OR ARTIFICIAL DEPRESSIONS THAT COULD HOLD WATER CREATED INTENTIONALLY OR UNINTENTIONALLY BY SITE CLEARING/CONSTRUCTION ACTIVITIES WILL BE PROPERLY FILLED IN AND PERMANENTLY STABILIZED WITH VEGETATION TO AVOID THE CREATION OF VERNAL POOL. "DECOY POOLS" THAT COULD INTERCEPT AMPHIBIANS MOVING TOWARD THE VERNAL POOLS. STORMWATER MANAGEMENT FEATURES SUCH AS LEVEL SPREADERS WILL BE CAREFULLY REVIEWED IN THE FIELD TO ENSURE THAT STANDING WATER DOES NOT ENDURE FOR MORE THAN A 24 HOUR PERIOD TO AVOID CREATION OF DECOY POOLS AND MAY BE SUBJECT TO FIELD DESIGN CHANGES. ANY SUCH PROPOSED DESIGN CHANGES WILL BE REVIEWED BY THE DESIGN ENGINEER TO ENSURE STORMWATER MANAGEMENT FUNCTIONS ARE MAINTAINED.
- REPORTING
- INSPECTION REPORTS (BRIEF NARRATIVE AND APPLICABLE PHOTOS) WILL BE PREPARED BY THE ENVIRONMENTAL MONITOR DOCUMENTING EACH INSPECTION AND SUBMITTED TO THE PERMITTEE FOR COMPLIANCE VERIFICATION. ANY NON-COMPLIANCE OBSERVATIONS OF EROSION CONTROL MEASURES OR EVIDENCE OF EROSION OR SEDIMENT RELEASE WILL BE IMMEDIATELY REPORTED TO THE PERMITTEE AND ITS CONTRACTOR AND INCLUDED IN THE REPORTS.
  - ANY INCIDENTS OF RELEASE OF SEDIMENT OR OTHER MATERIALS INTO WETLAND RESOURCE AREAS SHALL BE REPORTED BY THE PERMITTEE WITHIN 24 HOURS TO THE PERMITTEE.
  - ANY OBSERVATIONS OF RARE SPECIES WILL BE REPORTED TO THE CONNECTICUT DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION'S NATURAL DIVERSITY DATA BASE PROGRAM.
  - FOLLOWING COMPLETION OF THE PROJECT, A SUMMARY REPORT WILL BE PREPARED BY THE ENVIRONMENTAL MONITOR DOCUMENTING COMPLIANCE WITH THE WETLAND AND VERNAL POOL PROTECTION PLAN AND SUBMITTED TO THE PERMITTEE, WHO SHALL SUBMIT A COPY TO THE CONNECTICUT SITING COUNCIL.



INTERCONNECTION SCREENING NOTES:

ALL TREES TO BE PLANTED WITHIN PROPERTY PARCEL BOUNDARY.

NO EXISTING TREES SHALL BE REMOVED TO INSTALL PLAN AS SHOWN. IN THE EVENT THE FIELD STAKEOUT ENCLOSES ON EXISTING TREES THOSE PROPOSED TREES SHALL NOT BE PLANTED.

TREE SPACING IS GENERALLY 10-FT, STAGGER ROWS TO PROVIDE MAXIMUM SCREENING.

ENCIRCLE PERIMETER OF PLANTING ZONES WITH TEMPORARY CONSTRUCTION FENCING UNTIL TREES ARE ESTABLISHED AND CAN WITHSTAND BROWSING.

GROUP SIMILAR SPECIES IN GROUPS OF AT LEAST THREE WHERE PRACTICABLE.

SCREENING CONSISTS OF THREE SPECIES, KEYED AND QUANTIFIED AS FOLLOWS:

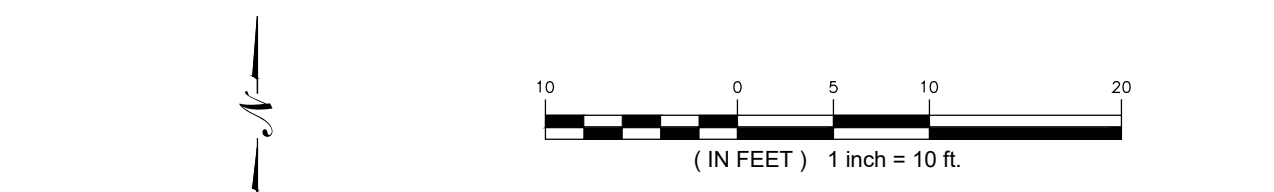
WC = ATLANTIC WHITE CEDAR (*Chamaecyparis thuyoides*) 15 EA

BS = BLACK SPRUCE (*Picea mariana*) 15 EA

BF = BALSAM FIR (*Abies balsamea*) 17 EA

INSTALL HEIGHT = 6 TO 8-FT

PROPOSED TREE STOCK AND FIELD STAKED LAYOUT TO BE INSPECTED AND APPROVED BY OWNER PRIOR TO INSTALLATION.



## 1 INTERCONNECTION SCREENING DETAIL

DN-2 SCALE: 1-IN = 10-FT

**TORRINGTON SOLAR ONE, LLC**  
**150 TRUMBULL STREET**  
**4TH FLOOR**  
**HARTFORD, CT, 06103**

**ALL-POINTS TECHNOLOGY CORPORATION**  
 567 VAUXHAUL STREET EXTENSION - SUITE 311  
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**DESIGN PROFESSIONAL OF RECORD**  
**PROF: BRADLEY J. PARSONS P.E.**  
**COMP: ALL-POINTS TECHNOLOGY CORPORATION**  
**ADD: 567 VAUXHALL ST EXT - STE 311 WATERFORD, CT 06385**

**OWNER: CATHOLIC CEMETERIES OF ARCHDIOCESE OF HARTFORD**  
**ADDRESS: 700 MIDDLETOWN AVENUE NORTH HAVEN, CT 06473**

**TORRINGTON SOLAR ONE, LLC**

**SITE EAST PEARL ROAD**  
**ADDRESS: TORRINGTON, CT**

**APT FILING NUMBER: CT590190**

**DRAWN BY: KAM**

**DATE: 05/28/2020 CHECKED BY: BJP**

## SHEET TITLE: ENVIRONMENTAL NOTES

SHEET NUMBER: **DN-2**