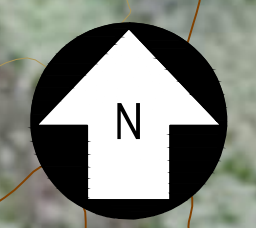


12/15/2021 2:44 AM - I:\ever\14702-10001.dwg - REV. A - Address

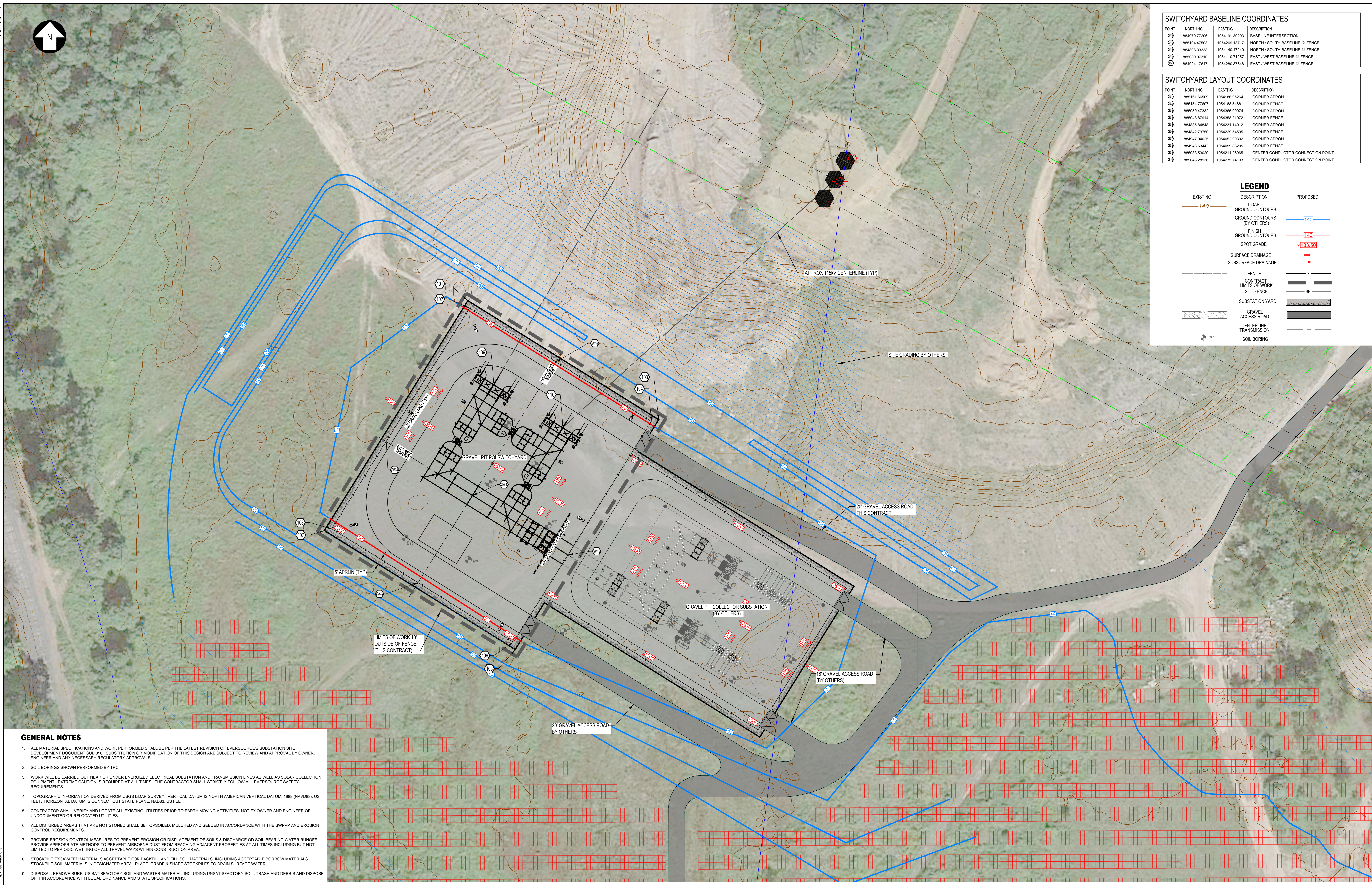


SWITCHYARD BASELINE COORDINATES			
POINT	NORTHING	EASTING	DESCRIPTION
1	884979.77206	1054191.30293	BASELINE INTERSECTION
2	885104.47503	1054269.13717	NORTH / SOUTH BASELINE @ FENCE
3	884988.33338	1054140.47249	NORTH / SOUTH BASELINE @ FENCE
4	885030.07310	1054110.71257	EAST / WEST BASELINE @ FENCE
5	884924.17617	1054280.37649	EAST / WEST BASELINE @ FENCE

SWITCHYARD LAYOUT COORDINATES			
POINT	NORTHING	EASTING	DESCRIPTION
1	885191.66509	1054196.95264	CORNER APRON
2	885154.77607	1054188.54681	CORNER FENCE
3	885050.47332	1054365.09974	CORNER APRON
4	885048.87914	1054358.21072	CORNER FENCE
5	884835.84848	1054231.14012	CORNER APRON
6	884842.73750	1054229.54956	CORNER FENCE
7	884847.04025	1054062.98302	CORNER APRON
8	884846.63442	1054059.88205	CORNER FENCE
9	885085.83020	1054211.26963	CENTER CONDUCTOR CONNECTION POINT
10	885043.28936	1054276.74193	CENTER CONDUCTOR CONNECTION POINT

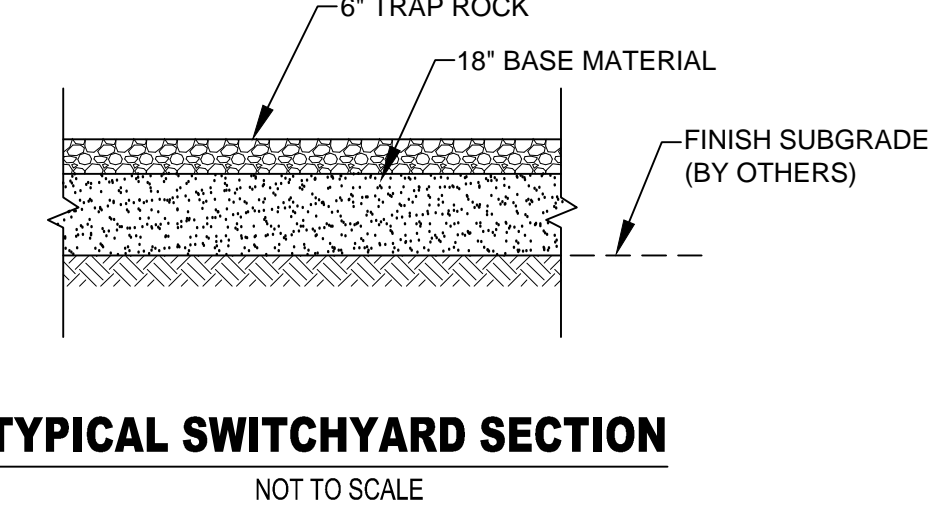
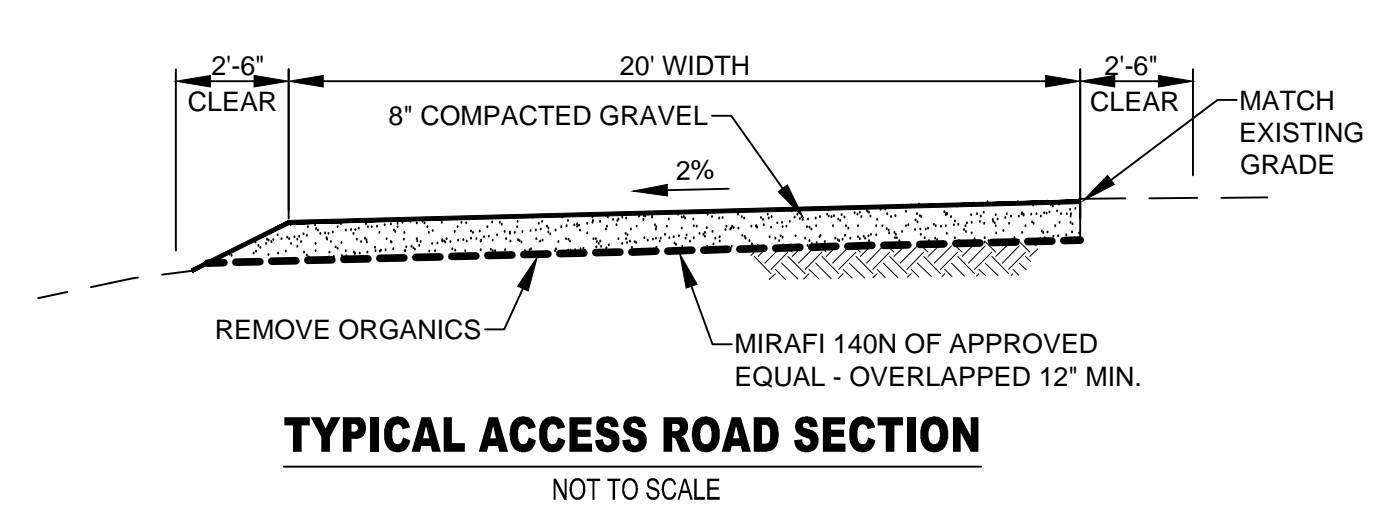
LEGEND		
EXISTING	DESCRIPTION	PROPOSED
140	LIDAR GROUND CONTOURS	140
140	GROUND CONTOURS (BY OTHERS)	140
140	FINISH GROUND CONTOURS	140
-133.50	SPOT GRADE	-133.50
→	SURFACE DRAINAGE	→
→	SUBSURFACE DRAINAGE	→
---	FENCE	---
---	CONTRACT LIMITS OF WORK	---
SF	SILT FENCE	SF
---	SUBSTATION YARD	---
---	GRAVEL ACCESS ROAD	---
---	CENTERLINE TRANSMISSION	---
⊕	SOIL BORING	⊕



- GENERAL NOTES**
- ALL MATERIAL SPECIFICATIONS AND WORK PERFORMED SHALL BE PER THE LATEST REVISION OF EVERSOURCE'S SUBSTATION SITE DEVELOPMENT DOCUMENT SUB 010. SUBSTITUTION OR MODIFICATION OF THIS DESIGN ARE SUBJECT TO REVIEW AND APPROVAL BY OWNER, ENGINEER AND ANY NECESSARY REGULATORY APPROVALS.
  - SOIL BORINGS SHOWN PERFORMED BY TRC.
  - WORK WILL BE CARRIED OUT NEAR OR UNDER ENERGIZED ELECTRICAL SUBSTATION AND TRANSMISSION LINES AS WELL AS SOLAR COLLECTION EQUIPMENT. EXTREME CAUTION IS REQUIRED AT ALL TIMES. THE CONTRACTOR SHALL STRICTLY FOLLOW ALL EVERSOURCE SAFETY REQUIREMENTS.
  - TOPOGRAPHIC INFORMATION DERIVED FROM USGS LIDAR SURVEY. VERTICAL DATUM IS NORTH AMERICAN VERTICAL DATUM, 1988 (NAVD88), US FEET. HORIZONTAL DATUM IS CONNECTICUT STATE PLANE, NAD83, US FEET.
  - CONTRACTOR SHALL VERIFY AND LOCATE ALL EXISTING UTILITIES PRIOR TO EARTH MOVING ACTIVITIES. NOTIFY OWNER AND ENGINEER OF UNDOCUMENTED OR RELOCATED UTILITIES.
  - ALL DISTURBED AREAS THAT ARE NOT STONED SHALL BE TOPSOILED, MULCHED AND SEEDED IN ACCORDANCE WITH THE SWPPP AND EROSION CONTROL REQUIREMENTS.
  - PROVIDE EROSION CONTROL MEASURES TO PREVENT EROSION OR DISPLACEMENT OF SOILS & DISCHARGE OF SOIL-BEARING WATER RUNOFF. PROVIDE APPROPRIATE METHODS TO PREVENT AIRBORNE DUST FROM REACHING ADJACENT PROPERTIES AT ALL TIMES INCLUDING BUT NOT LIMITED TO PERIODIC WETTING OF ALL TRAVEL WAYS WITHIN CONSTRUCTION AREA.
  - STOCKPILE EXCAVATED MATERIALS ACCEPTABLE FOR BACKFILL AND FILL SOIL MATERIALS, INCLUDING ACCEPTABLE BORROW MATERIALS. STOCKPILE SOIL MATERIALS IN DESIGNATED AREA. PLACE, GRADE & SHAPE STOCKPILES TO DRAIN SURFACE WATER.
  - DISPOSAL: REMOVE SURPLUS SATISFACTORY SOIL AND WASTER MATERIAL, INCLUDING UNSATISFACTORY SOIL, TRASH AND DEBRIS AND DISPOSE OF IT IN ACCORDANCE WITH LOCAL ORDINANCE AND STATE SPECIFICATIONS.
  - ALL EXCAVATIONS, SHORING AND BRACING SHALL CONFORM TO OSHA REQUIREMENTS (29 CFR 1926).
  - VEGETATION CLEARING AND DISPOSAL METHODS: ALL VEGETATION TO BE REMOVED FOR SUBSTATION CONSTRUCTION SHALL BE IN CONFORMANCE WITH PROJECT VEGETATION MANAGEMENT PLAN.

- GRADING NOTES**
- DUE TO ONGOING GRADESITE WORK, ACTUAL EXISTING CONDITIONS MAY VARY FROM THAT SHOWN ON THESE SHEETS. CONTRACTOR SHALL BE RESPONSIBLE FOR EVALUATING THE EFFECTS TO WORK THIS CONTRACT.
  - IT IS EXPECTED THAT THE ELEVATION OF THE SWITCHYARD AT THE TIME OF CONSTRUCTION WILL BE 24" BELOW PROPOSED FINAL GRADES SHOWN ON THIS SHEET AND PREPARED ACCORDING TO EVERSOURCE SPECIFICATIONS AND STANDARDS. IF VARIATIONS REMAIN IN THE FIELD, THEY SHALL BE BROUGHT TO THE OWNERS AND ENGINEER'S ATTENTION PRIOR TO INITIATING WORK IN THAT AREA.
  - PROPOSED CONTOURS SHOWN ARE FOR WORK ON THE SWITCHYARD ONLY.
  - CONTRACT CONSTRUCTION LIMITS ARE AS SHOWN HEREON.
  - EXISTING CONTOURS AND ELEVATIONS SHOWN REFER TO CONDITION OF ORIGINAL SITE GRADES PRIOR TO SITE BALANCING BY OTHERS.

- HOLD NOTES**
- SEE DRAWING SK-14702-33001 FOR HOLD NOTES.



**PROGRESS PRINT**  
10-22-21

PRELIMINARY  
ISSUED FOR CLIENT REVIEW  
NOT FOR CONSTRUCTION

**REFERENCE DRAWINGS**  
SK-14702-33001 115KV YARD ARRANGEMENT PLAN VIEW  
C-1 COLLECTOR SUBSTATION SITE PLAN

REV	DESCRIPTION	DATE	DES	CHK	APP
A	ISSUED FOR 30% REVIEW	8/27/21	KAV	NMM	DTP

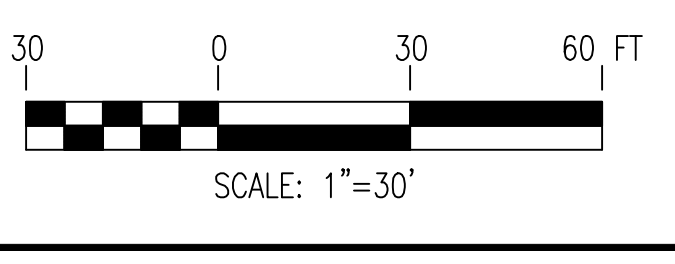
REV	DATE	BY	CHK	APP

**REV AA ADDITIONS (NEW DRAWING)**

REVISIONS DURING CONSTRUCTION				
NO.	DATE	DESCRIPTION	TRC	TRC
AA	01/22	TBD. WD #40496502		

**EVERSOURCE ENERGY**

GRAVEL PIT 35E 115KV YARD PLAN VIEW SITE PLAN EAST WINDSOR, CT					
NO.	DATE	BY	CHK	APP	FE



14702-10001