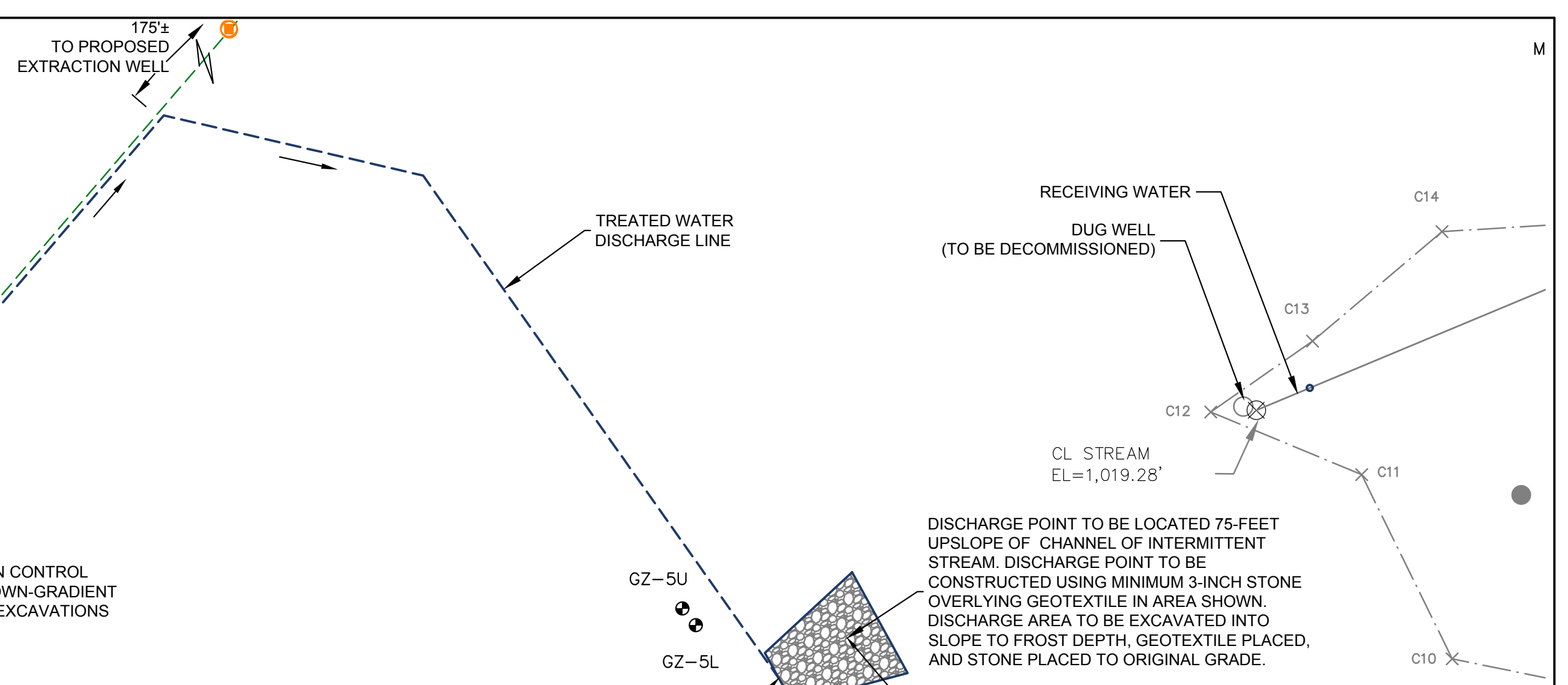
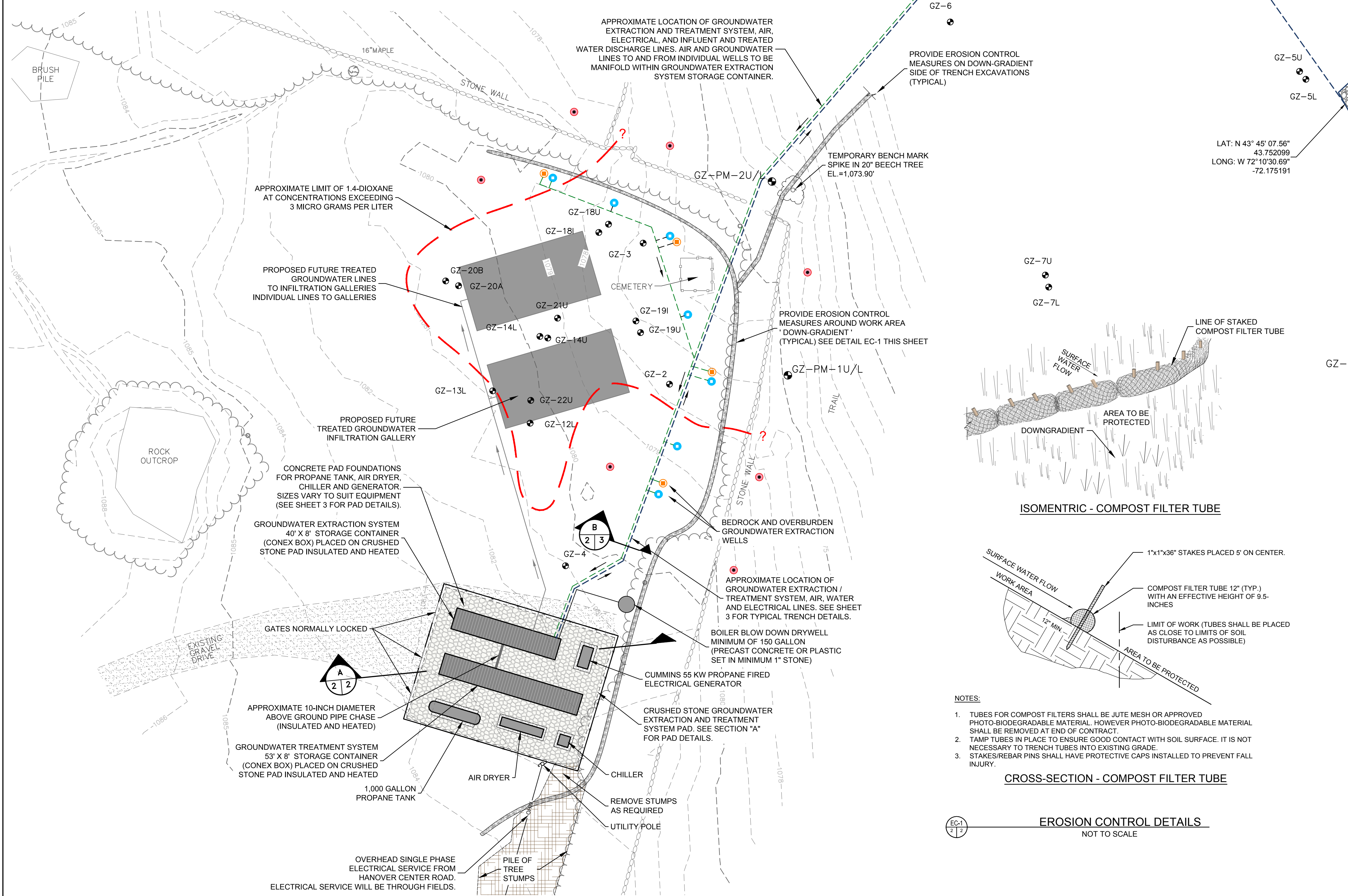
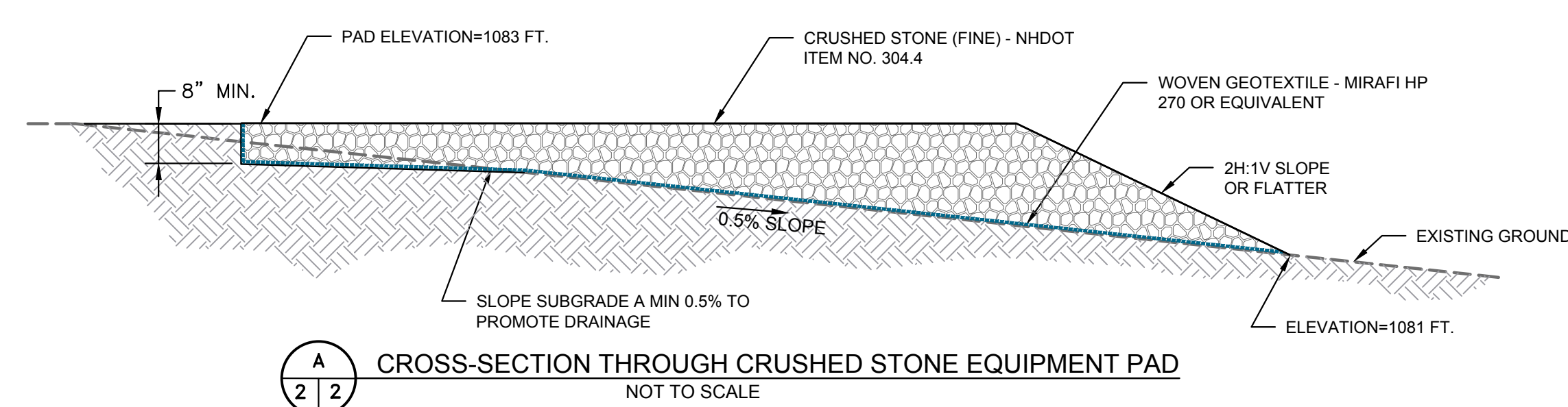
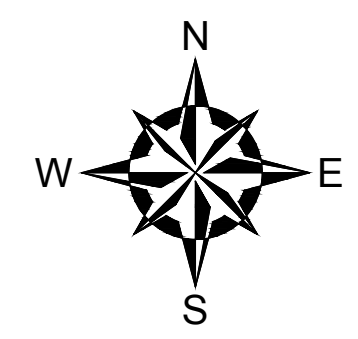
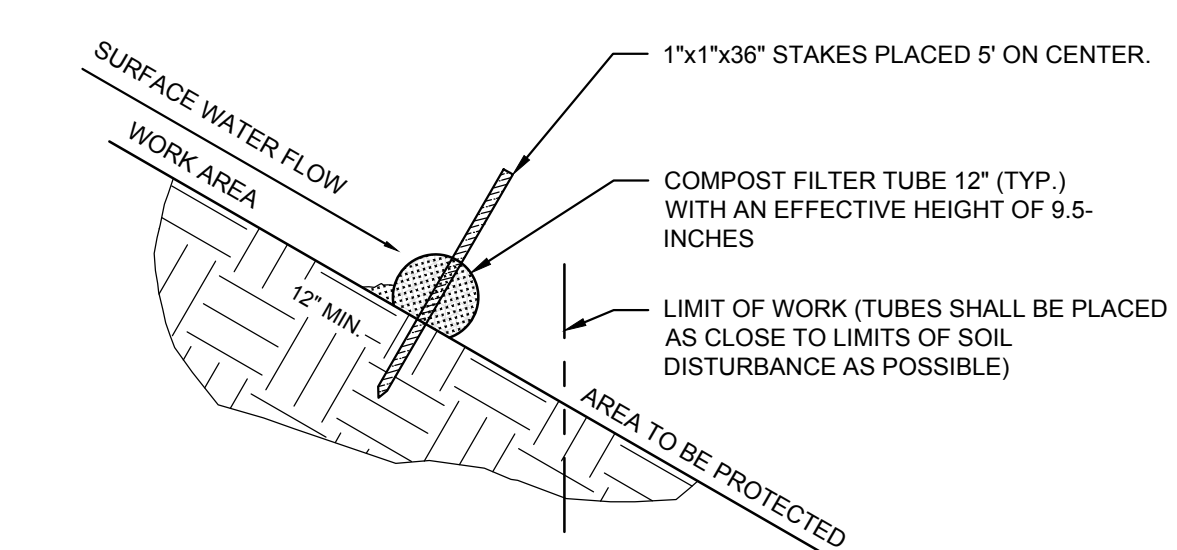
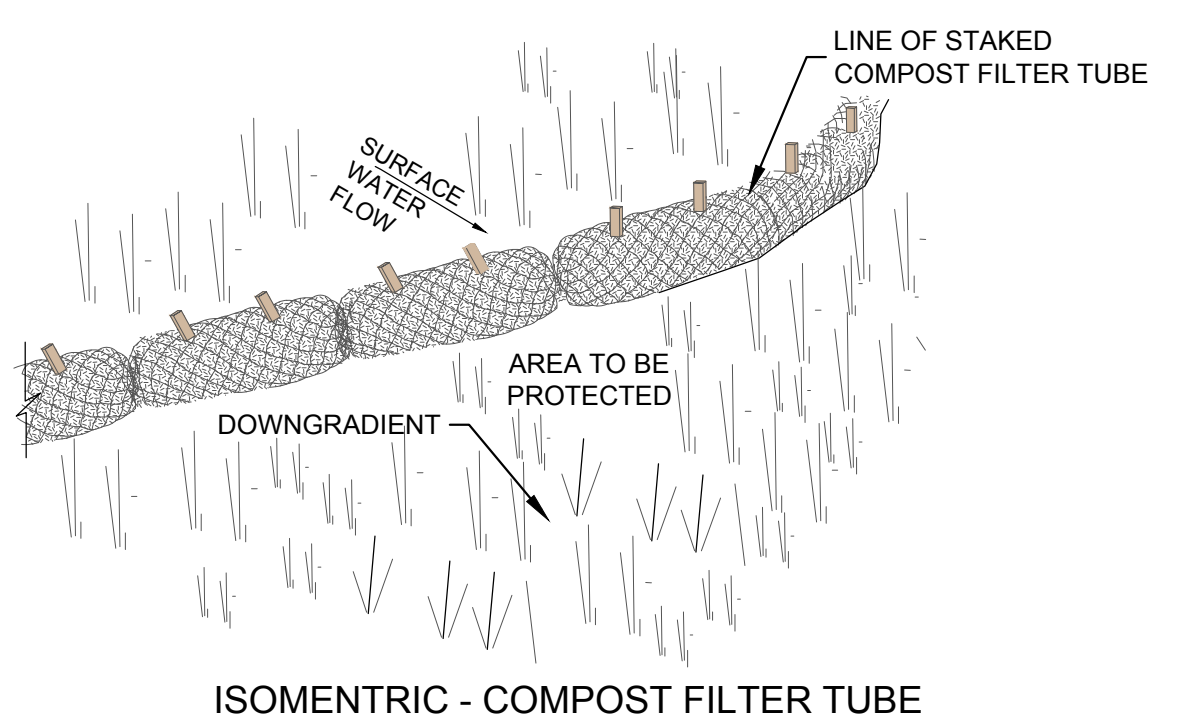


© 2016 - GZA GeoEnvironmental, Inc. GZA-P-104-106b(3) 0190030.02 Figures-CAD Treatment System 011816(04)0190030.02\_R0\_CW EXTR-TREAT PLAN - Standard Figure 2 - Proposed GW Extraction Plan.dwg [Figure 2] December 12, 2016 - 3:58pm mrc/nh.reverse

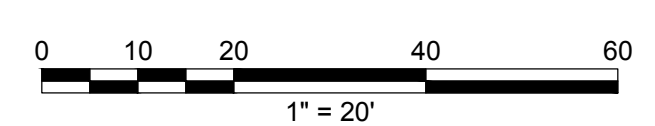


- LEGEND:**
- GZ-12 (circle with dot) EXISTING BORING LOCATION
  - GZ-3 (circle with dot) EXISTING MONITORING WELL
  - (circle with cloud) TEMPORARY BENCH MARK
  - (circle with orange dot) PROPOSED BEDROCK GROUNDWATER EXTRACTION WELL
  - (circle with blue dot) PROPOSED OVERBURDEN GROUNDWATER EXTRACTION WELL
  - (circle with red dot) PROPOSED PERFORMANCE MONITORING GROUNDWATER MONITORING WELL
  - GZ-PM-1U/L (circle with black dot) EXISTING REMEDIAL DESIGN / PERFORMANCE MONITORING BEDROCK WELL COUPLER
  - (dashed line) PROPOSED CHAIN LINK FENCE
  - (arrow) DIRECTION OF FLOW

- NOTES:**
- BASE PLAN DEVELOPED FROM ELECTRONIC DRAWING FILE 188289A\_REV3.DWG OF PLAN TITLED MONITORING WELL SURVEY PREPARED BY WSP GROUP (DATED 11-05-2015, LAST REVISED 06-26-2016)
  - THIS PLAN WAS PREPARED FROM AN ACTUAL ON THE GROUND FIELD SURVEY PERFORMED BY WSP ON SEVERAL DATES MOST RECENT BEING MAY 27, 2016.
  - THE HORIZONTAL DATUM SHOWN HEREON REFERENCES THE NEW HAMPSHIRE STATE PLANE COORDINATE SYSTEM. THE HORIZONTAL POSITION WAS ESTABLISHED MY MEANS OF STATIC GPS SOLUTION AND AN OBSERVED MAGNETIC BEARING WITH A DECLINATION APPLIED FROM TRAVERSE POINT 2 TO TRAVERSE POINT 1.
  - THE VERTICAL DATUM SHOWN REFERENCES NAVD 88.



- NOTES:**
- TUBES FOR COMPOST FILTERS SHALL BE JUTE MESH OR APPROVED PHOTO-BIODEGRADABLE MATERIAL. HOWEVER PHOTO-BIODEGRADABLE MATERIAL SHALL BE REMOVED AT END OF CONTRACT.
  - TAMP TUBES IN PLACE TO ENSURE GOOD CONTACT WITH SOIL SURFACE. IT IS NOT NECESSARY TO TRENCH TUBES INTO EXISTING GRADE.
  - STAKES/REBAR PINS SHALL HAVE PROTECTIVE CAPS INSTALLED TO PREVENT FALL INJURY.



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DARTMOUTH COLLEGE, RENNIE FARM SITE  
HANOVER, NEW HAMPSHIRE  
NHDES SITE NO. 201111109, PROJECT NO. 277737

**PROPOSED GROUNDWATER EXTRACTION AND TREATMENT SYSTEM LAYOUT**

PREPARED BY: <b>GZA</b> GeoEnvironmental, Inc. Engineers and Scientists www.gza.com		PREPARED FOR: DARTMOUTH COLLEGE HANOVER, NEW HAMPSHIRE	
PROJ MGR: JW	REVIEWED BY:	CHECKED BY:	SHEET <b>2</b> SHEET NO.
DESIGNED BY: JW	DRAWN BY: DL/CB	SCALE: AS NOTED	
DATE: DECEMBER, 2016	PROJECT NO. 04.0190030.02	REVISION NO. 0	