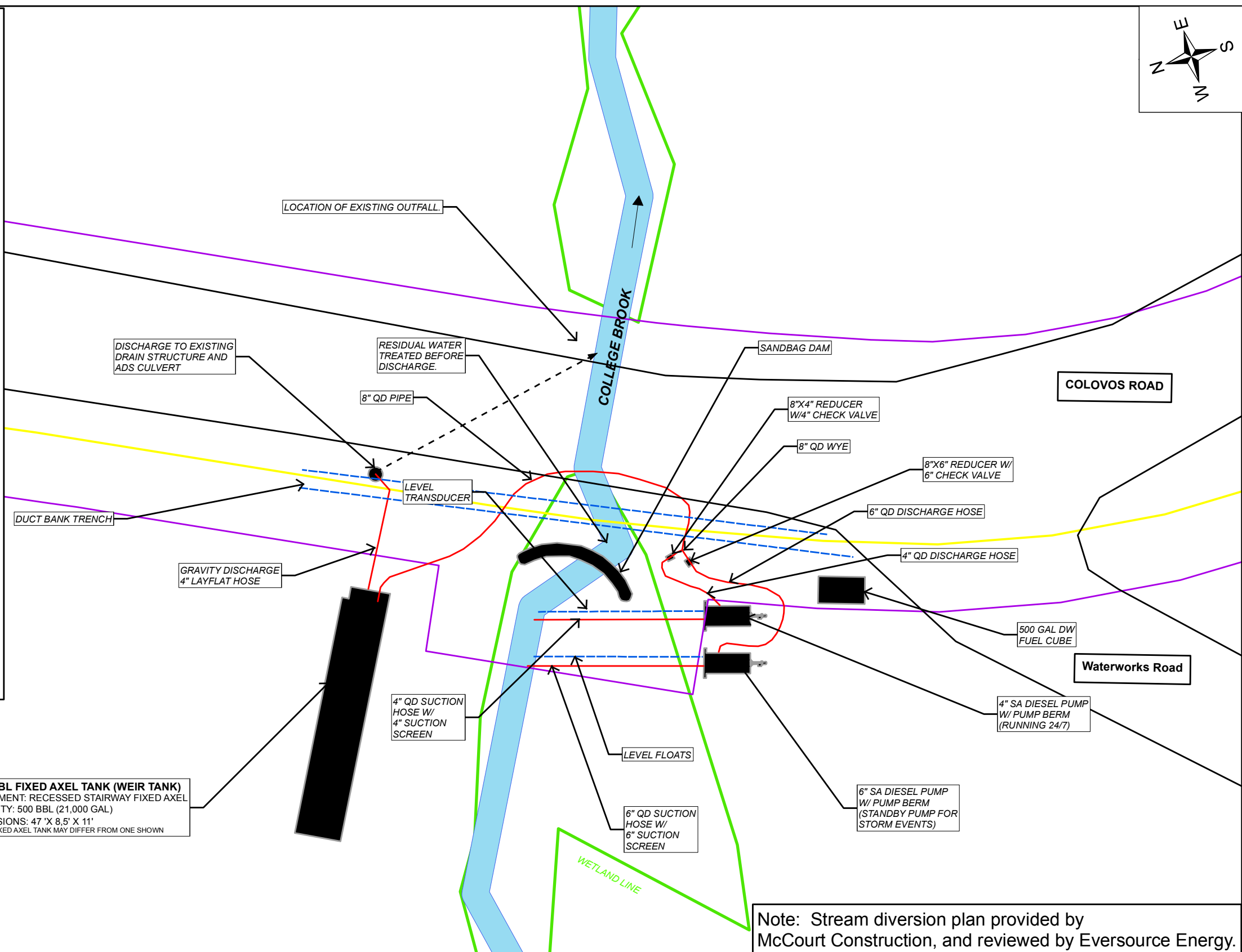
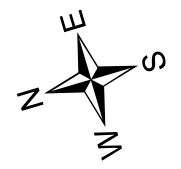


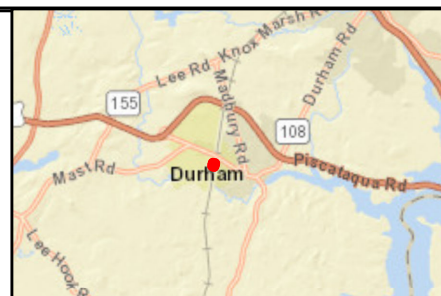
STREAM DIVERSION NOTES:

1. THE CONTRACTOR SHALL CONSTRUCT, MAINTAIN, AND OPERATE A STREAM DIVERSION STRUCTURE AS NEEDED TO DIVERT STREAM FLOWS AROUND THE DUCT BANK TRENCH. THE DIVERSION STRUCTURE SHALL BE MADE OF NON-ERODIBLE MATERIAL SUCH AS SAND BAGS, RIP RAP, CONCRETE OR OTHER SUITABLE MATERIAL ABLE TO WITHSTAND THE ANTICIPATED FLOWS.
2. THE LOCATION OF THE TEMPORARY STREAM DIVERSION STRUCTURE UPSTREAM OF THE PROPOSED DUCT BANK ALIGNMENT IS TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR AND THE ENVIRONMENTAL MONITOR.
3. IF SURFACE AND/OR GROUNDWATER FLOW CONDITIONS REQUIRE, A CONTINUOUS STEEL PLATE, SHEET PILES, OR OTHER IMPERVIOUS BARRIER MAY BE DRIVEN INTO THE SUBSURFACE SOILS BOTH UPSTREAM AND DOWNSTREAM OF THE TRENCH TO PROVIDE A CUTOFF AND TO PREVENT SURFACE WATER AND GROUNDWATER FROM INFILTRATING INTO THE WORK AREA.
4. TRENCH SHORING AND EXCAVATION SLOPING IN TO BE CONDUCTED IN ACCORDANCE WITH OSHA REQUIREMENTS.
5. CONTRACTOR TO INSTALL AN APPROPRIATELY SIZED BYPASS PUMP UPSTREAM OF THE WORK AREA. THE PUMP SHALL BE OPERATED TO APPROXIMATE STREAM FLOW RATES AND NOT CAUSE UPSTREAM FLOODING OR OVERTOPPING OF THE STREAM BANK. THE SUCTION HOSE INTAKE WILL BE PLACED IN SCREEN ENCASED WITHIN CRUSHED STONE TO CONTROL SCOUR.
6. PRIOR TO DISCHARGE, A FILTERING METHOD SUCH AS A WEIR TANK WILL BE EMPLOYED TO REDUCE THE MIGRATION OF FINES.
7. UTILIZE THE EXISTING RIPRAPPED OUTFALL FOR DOWNSTREAM DISCHARGE. THE OUTFALL MAY REQUIRE SUPPLEMENTAL MATERIAL THAT RESULTS IN LOW-VELOCITY SHEET FLOW DISCHARGE TO THE STREAM.
8. TREAT RESIDUAL WATER WITHIN THE WORK AREA BEFORE DISCHARGE. THE TREATMENT METHOD MAY INCLUDE PASSAGE THROUGH THE WEIR TANK OR A SEPARATE TREATMENT BASIN, AS DETERMINED DURING CONSULTATION WITH THE ENVIRONMENTAL MONITOR.
9. FOLLOWING INSTALLATION OF THE DUCT BANK, RESTORE AND STABILIZE STREAM BANKS AND REMOVE THE DIVERSION STRUCTURE AT THE DIRECTION OF THE ENVIRONMENTAL MONITOR AND ACCORDING TO THE "BEST MANAGEMENT PRACTICES MANUAL FOR UTILITY MAINTENANCE IN AND ADJACENT TO WETLANDS AND WATERBODIES IN NEW HAMPSHIRE", DATED OCTOBER 2018.
10. MONITOR STREAM RESTORATION FOR TWO YEARS TO ENSURE PROPER STABILIZATION AND REVEGETATION IN ACCORDANCE TO DES WETLAND CONDITION #31, DATED OCTOBER 29, 2018.



500 BBL FIXED AXEL TANK (WEIR TANK)
 EQUIPMENT: RECESSED STAIRWAY FIXED AXEL
 CAPACITY: 500 BBL (21,000 GAL)
 DIMENSIONS: 47' X 8.5' X 11'
 NOTE: FIXED AXEL TANK MAY DIFFER FROM ONE SHOWN

- Underground Cable
- Project Area
- Estimated Stream Width
- Wetlands



EVERSOURCE
ENERGY

Seacoast Reliability Project

NORMANDEAU
ASSOCIATES
ENVIRONMENTAL CONSULTANTS

COLLEGE BROOK STREAM DIVERSION
FLOW PROCESS (500 GPM+)