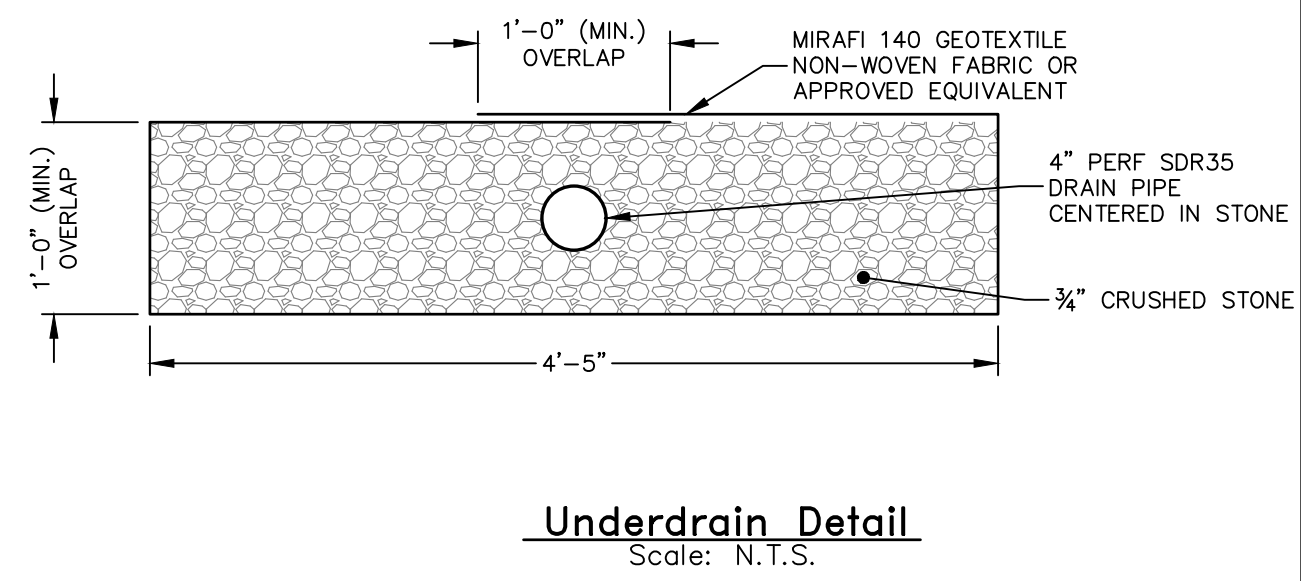
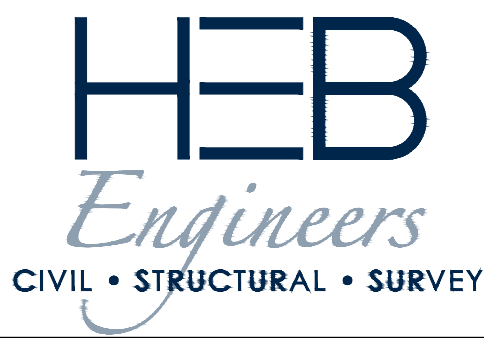
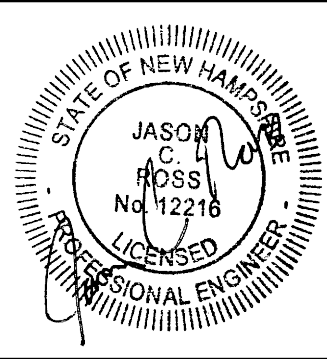
**Foundation and Structural Fill Notes:**

- Tanks and piping shall be installed in accordance with NFPA-58, 2014 Edition and NFPA-54, 2015 Edition.
- No foundation investigation, borings, or test pits were conducted as part of this design. It is assumed that all footings will bear on undisturbed (proof-rolled) natural granular soil or structural fill having a minimum bearing capacity of 3,000 pounds per square foot. All excavation must be dry before placing concrete. The Contractor shall notify the Engineer if unsuitable natural soil conditions are encountered.
- All sand and crushed stone shall meet the requirements of 2016 New Hampshire Department of Transportation Standard Specifications for Road and Bridge Construction.
- Backfill for the propane tanks and common fill around the excavation shall be clean natural granular soil or clean sand or gravel. Fill shall be free of frost, loam, peat, organics, and clay.
- Backfill and common fill shall be placed in horizontal lifts not exceeding 8-inch loose thickness. Each lift shall be compacted to 95 percent of its maximum density determined by ASTM Test Method D-698 (Standard Proctor).
- Precast Deadman anchors are to be placed at elevations or depths shown on this plan. All Deadman anchors are intended to have a minimum of 54 inches of soil cover below finished grade for adequate frost protection. Any adjustment of elevations or depth to footings due to field conditions must have the expressed written approval of the Engineer.
- If ledge is encountered, the ledge shall be removed down to the elevation shown on the drawings. The ledge shall be clean and free of dirt, loose rock, and debris. Where ledge is encountered, footings shall be doweled into the ledge.



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3	Revised per meeting with Fire Chief.	07/22/22	JCR		
2	Added Cathodic Protection System.	04/20/22	JCR		
1	Revised tank spacing and added NFPA reference.	02/02/22	JCR		
No.	Revision	DATE	BY		



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SURVEYED BY	JLT/AH/SEB
DESIGNED BY	EVS
DRAWN BY	EVS
CHECKED BY	JCR
FIELD BOOK	-
SCALE	AS SHOWN
DATE	1/31/2022

Propane Tank Improvements
prepared for
Coo's County Nursing Home
located in
Berlin, New Hampshire

2012-001

SK1

SHEET 1 OF 1