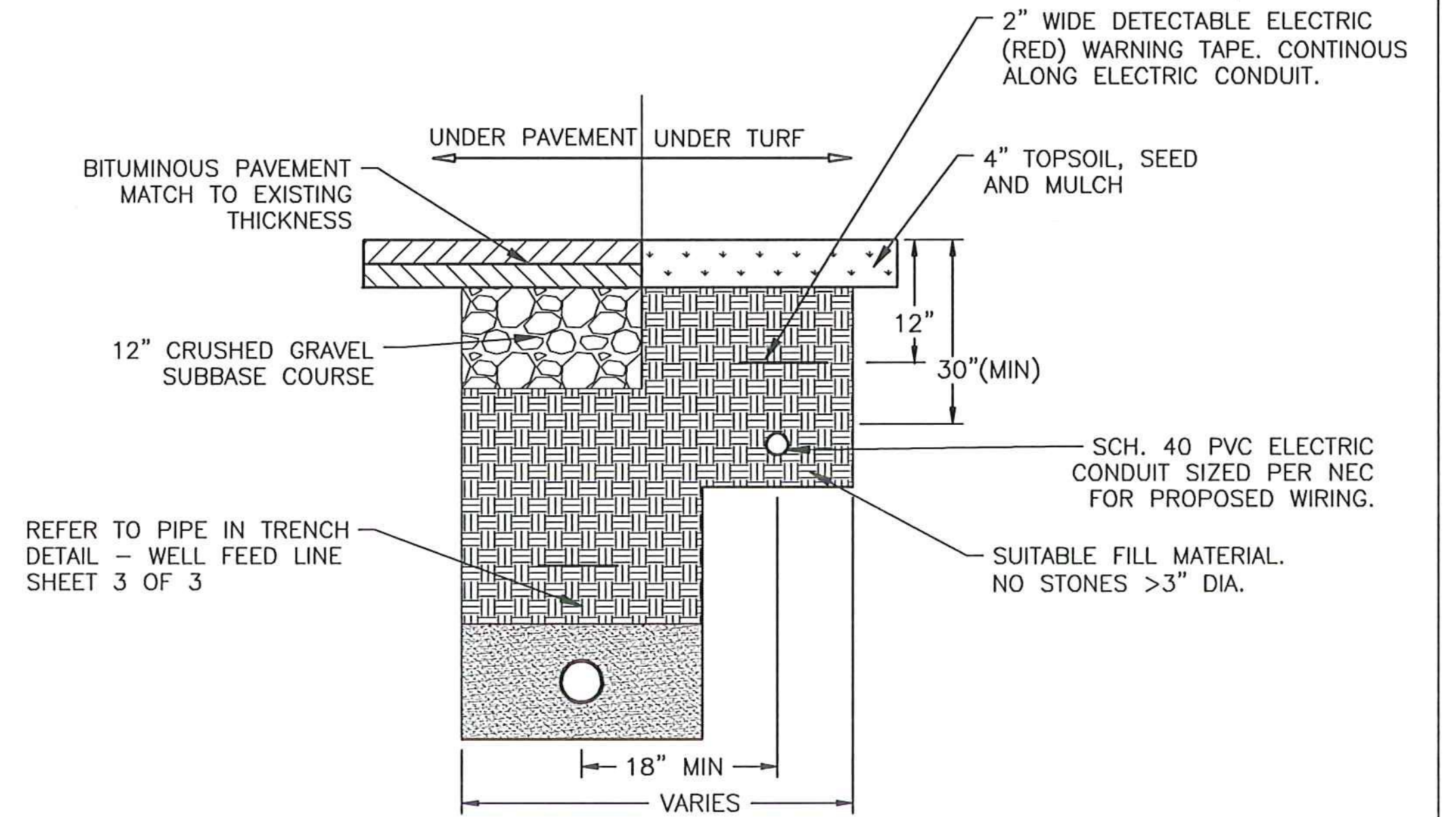


WATER LINE PIPE/TUBING STANDARDS

1. ALL NEW WATER LINE SHALL BE FUSIBLE PVC OR BUTT FUSED HDPE WHEN BURIED, OR AWWA C901 POLYETHYLENE PIPE/TUBING WITH POLYETHYLENE RESIN MEETING PE-3408/PE-3608 OR PE-4710 STANDARDS INSIDE THE BUILDING. THE PIPING SHALL HAVE A PRESSURE CLASS RATING OF 160 PSI (WALL THICKNESS OF DR 11). JOINTS SHALL BE FIELD BUTT FUSED OR MECHANICAL CONNECTIONS WITHIN THE BUILDING. THE MINIMUM BENDING RADIUS OF THE POLYETHYLENE TUBING SHALL BE 25 TIMES THE OUTSIDE DIAMETER OF THE TUBING.

GENERAL NOTES:

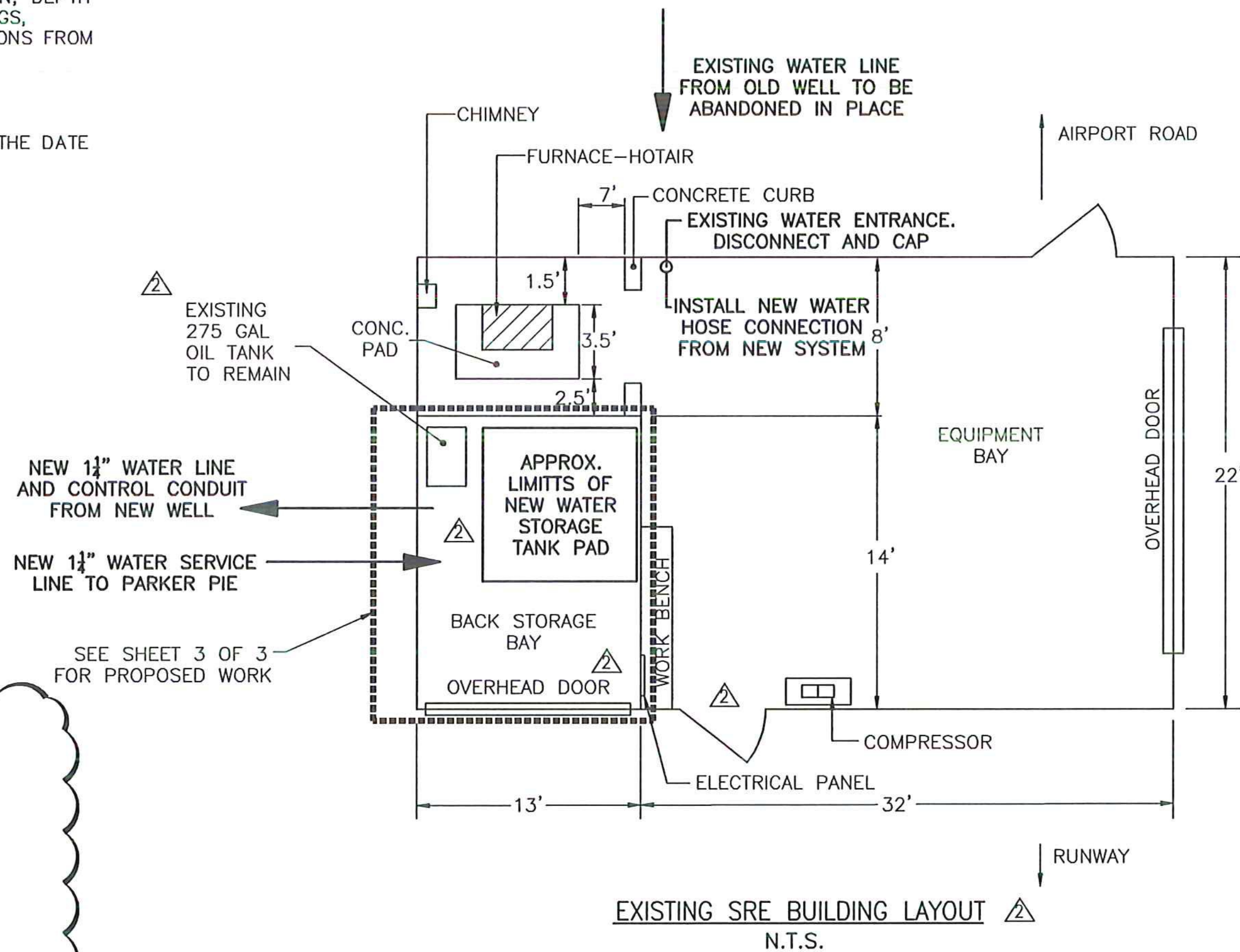
- THIS IS A PUBLIC, TRANSIENT, NON-COMMUNITY WATER SYSTEM AND SHALL BE CONSTRUCTED, DISINFECTED, TESTED, AND OPERATED IN ACCORDANCE WITH VERMONT AGENCY OF NATURAL RESOURCES (ANR) DEPARTMENT OF ENVIRONMENTAL CONSERVATION (DEC) WATER SUPPLY RULES.
- THE ENTIRE WATER SYSTEM, INCLUDING EXISTING LINES TO BE RE-USED, SHALL BE DISINFECTED. (SEE SHEET 3 OF 3)
- ELECTRIC MATERIAL AND INSTALLATIONS SHALL BE IN ACCORDANCE WITH NATIONAL ELECTRIC CODE (NEC), CURRENT EDITION, AND VERMONT BUILDING CODE.
- CONTRACTOR SHALL CONFIRM PUMP TYPE AND SIZE PRIOR TO INSTALLATION BASED ON SYSTEM DATA PROVIDED BY THE ENGINEER.
- CONTRACTOR SHALL MARK ALL FIELD INFORMATION ON A COPY OF THESE PLANS AND PROVIDE TO THE ENGINEER AT THE COMPLETION OF THE WORK FOR USE IN PREPARING AS-BUILT PLANS. INFORMATION SHALL INCLUDE, BUT NOT LIMITED TO: TIES TO BUILDINGS OR STRUCTURES AT 100' INTERVALS ALONG PIPE AND CONDUIT INSTALLATIONS AND AT ALL CHANGES IN DIRECTION; DEPTH OF PIPE AND CONDUIT; SIZE OF CONDUITS; LOCATIONS OF ALL FITTINGS, SPLICES, CONNECTIONS, AND SYSTEM COMPONENTS; AND ALL DEVIATIONS FROM THESE PLANS WHETHER AGREED TO BY THE OWNER OR NOT.
- ALL INSTALLED AND RE-USED PIPE SHALL BE PRESSURE TESTED IN ACCORDANCE WITH THE LATEST EDITION OF AWWA C901 STANDARDS (POLYETHYLENE PIPE AND TUBING) AND THE PIPE MANUFACTURER'S RECOMMENDATIONS AND GUIDELINES. VTRANS SHALL BE NOTIFIED OF THE DATE AND TIME OF THE TESTING, SO THE TESTS MAY BE OBSERVED.



NOTES:

- CONTRACTOR SHALL SHORE TRENCH SIDES AS REQUIRED.
- CONTRACTOR SHALL DEWATER TRENCH EXCAVATION AS REQUIRED.
- CONTRACTOR SHALL CREATE A BENCH FOR ELECTRIC CONDUIT IN A COMMON TRENCH.

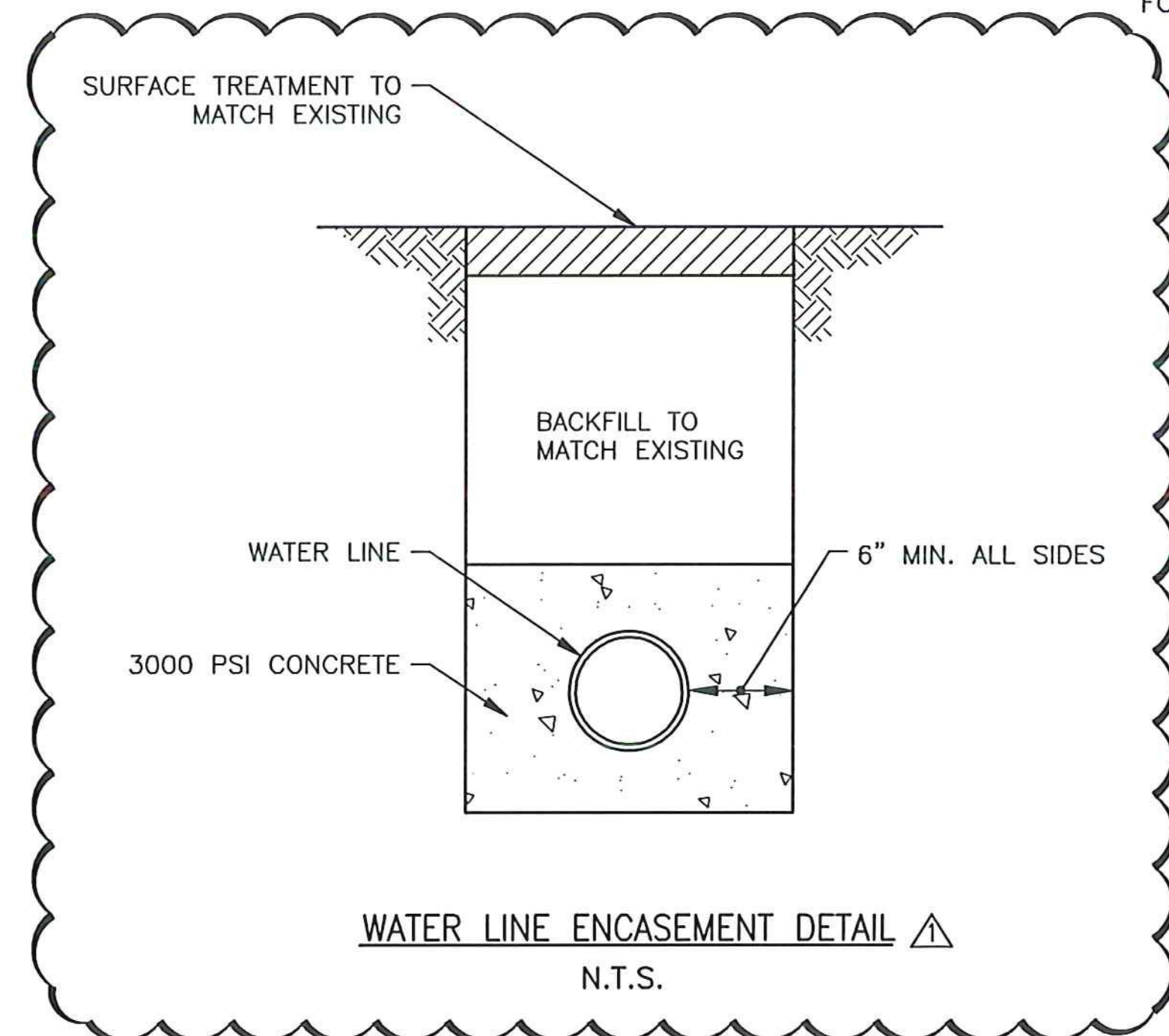
ELECTRIC LINE IN WATER LINE TRENCH DETAIL
N.T.S.



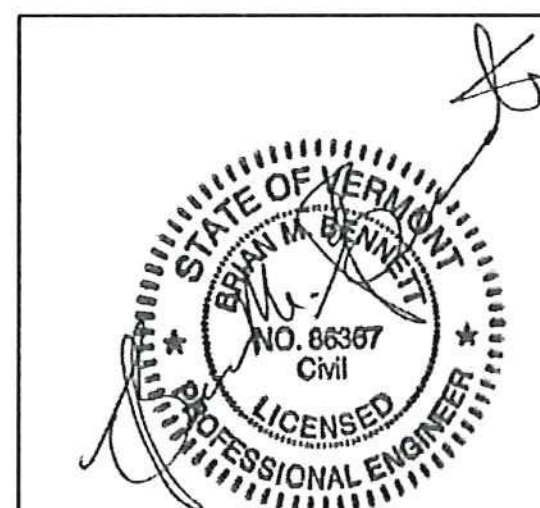
EXISTING SRE BUILDING LAYOUT
N.T.S.

SCHEDULE A - WATER SYSTEM - BID SET
VTRANS PROJECT #AV11570042-301
JUNE 2016

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECT SUPERVISION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER THESE PLANS IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.



WATER LINE ENCASEMENT DETAIL
N.T.S.



REV	DATE	DESCRIPTION	BY
02/11/16		REVISIONS ON SRE BUILDING LAYOUT	RJL
9/25/15		REVISIONS ON SRE BUILDING LAYOUT	SLM
8/28/15		REVISIONS PER VTRANS COMMENTS	MKM

NEWPORT STATE AIRPORT COVENTRY, VERMONT WATER SYSTEM PERMIT TO CONSTRUCT	
MISCELLANEOUS DETAILS	
SCALE: NTS	DESIGN: BLS
DRAWN: BJL	PROJECT: 17958.01
CHECKED: BMB	DATE: FEB. 6, 2015
C-2 2 OF 5	