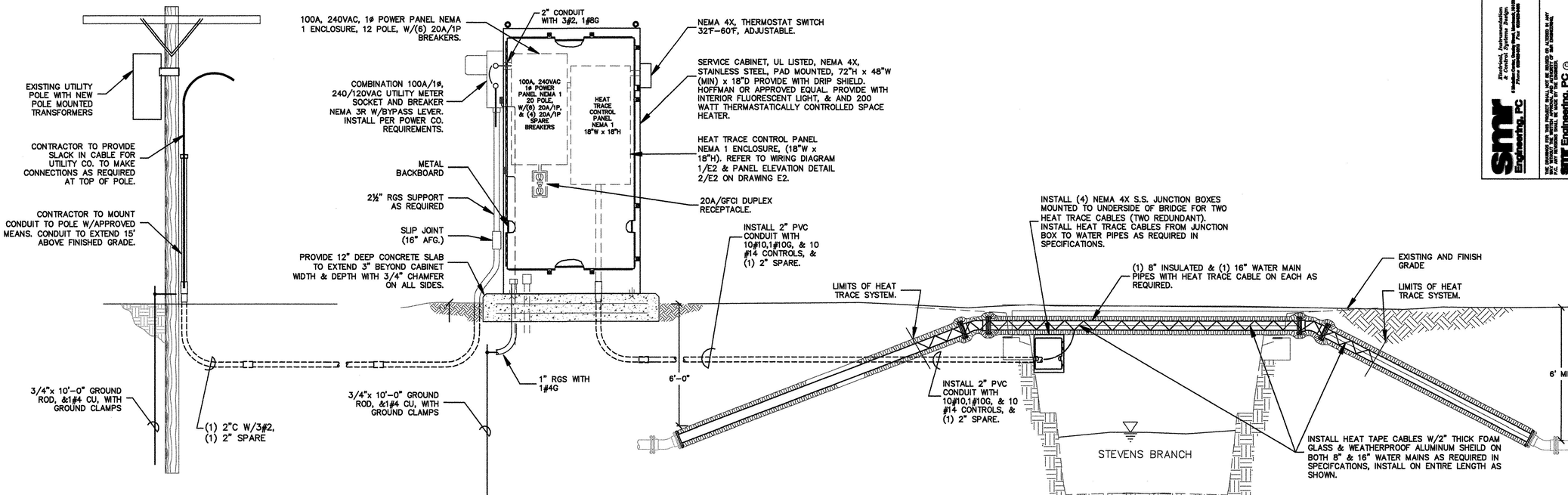
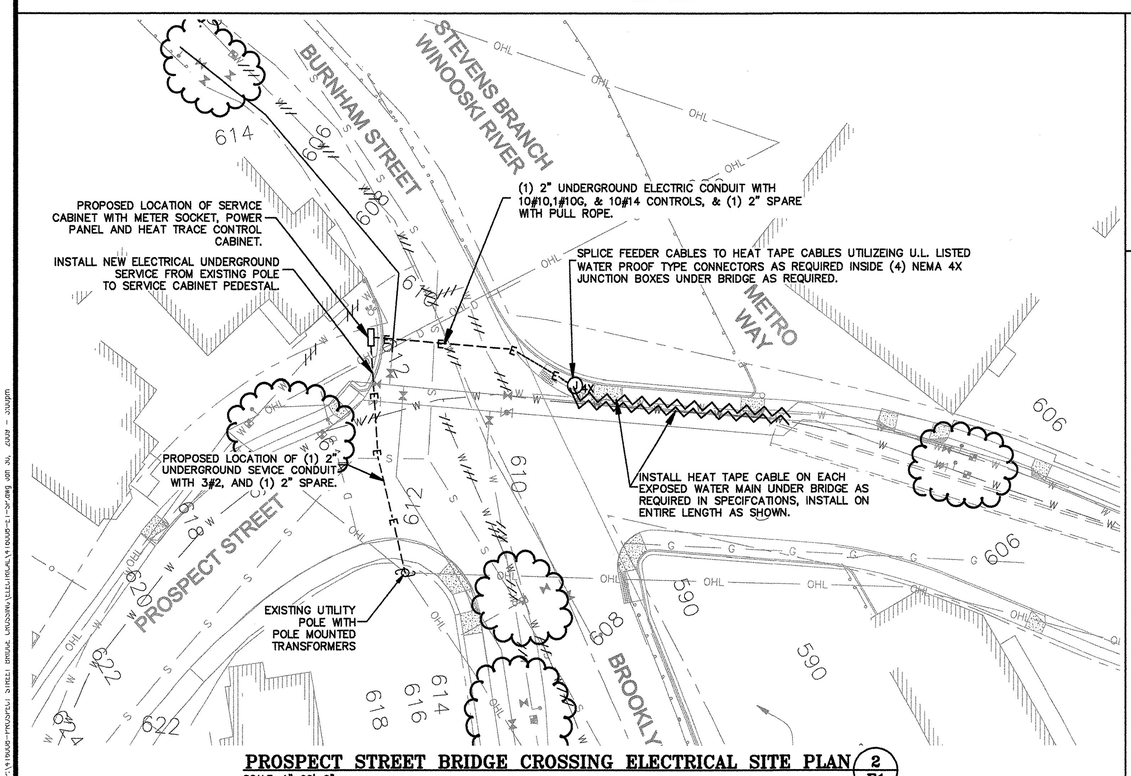


ELECTRICAL SERVICE CABINET WITH HEAT TRACE SYSTEM ELEVATION (1/E1)

SCALE: NONE



PROSPECT STREET BRIDGE CROSSING ELECTRICAL SITE PLAN (2/E1)

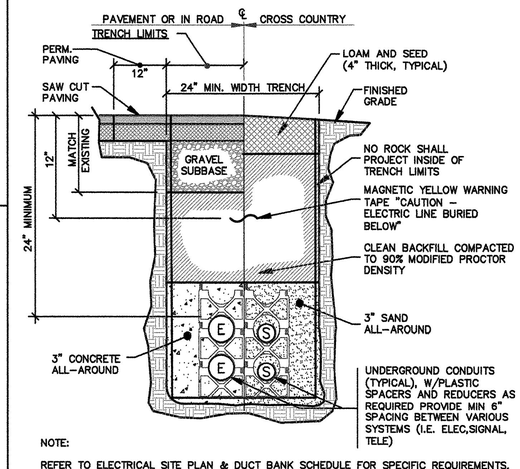
SCALE: 1"=20'-0"

ELECTRICAL SITE LEGEND

	UTILITY POLE
—OHP—	PROPOSED OVERHEAD PRIMARY CABLE
---EXP---	EXISTING UNDERGROUND PRIMARY CONDUIT
----EX----	EXISTING UNDERGROUND ELECTRICAL CONDUIT
----SX----	EXISTING UNDERGROUND SIGNAL CONDUIT
-----E-----	PROPOSED NEW UNDERGROUND ELECTRICAL CONDUIT
-----S-----	PROPOSED NEW UNDERGROUND SIGNAL CONDUIT

NOTES:

1. PROVIDE RIGID GALVANIZED SWEEPS ON ALL 90° TURNS.
2. UTILIZE RIGID GALVANIZED STEEL CONDUIT & SWEEPS AT THE RISER POLE FOR PRIMARY SECONDARY & TELEPHONE CONDUITS, GROUND AS REQUIRED.
3. COORDINATE NEW UNDERGROUND CONDUIT LOCATION WITH EXISTING UNDERGROUND ELECTRIC CONDUIT, PROCESS PIPING AND STRUCTURES PRIOR TO EXCAVATION.
4. REPAIR EXISTING PAVED AND GRASSED AREAS TO CONDITION EXISTING PRIOR TO EXCAVATION.
5. ALL UTILITY COMPANIES, PUBLIC AND PRIVATE, MUST BE NOTIFIED, INCLUDING THOSE IN CONTROL OF UTILITIES NOT SHOWN ON THIS PLAN, PRIOR TO DESIGNING, EXCAVATING, BLASTING, INSTALLING, BACKFILLING, GRADING, PAVEMENT RESTORING OR REPAVING.
6. REFER TO DETAIL 4/E1 FOR TYPICAL TRENCHING DETAIL FOR ELECTRICAL/SIGNAL CONDUITS.



NOTE:

REFER TO ELECTRICAL SITE PLAN & DUCT BANK SCHEDULE FOR SPECIFIC REQUIREMENTS.

SUBSURFACE WORK NOTE:

THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN APPROXIMATE LOCATIONS AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR IT'S REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE TO CONTACT "DIG SAFE" AT 1(888)344-7233 (1(888)DIG-SAFE)AND COORDINATE ACTIVITIES PRIOR TO ANY EXCAVATIONS.

TYPICAL ELECTRICAL TRENCHING DETAIL (4/E1)

SCALE: NONE

smr Engineering, PC

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STATE OF VERMONT
SADEGH M. RADVAR
No. 6523
REGISTERED PROFESSIONAL ENGINEER

REVISIONS

DATE	COMMENTS	BY

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PROSPECT STREET OVER STEVENS BRANCH

ELECTRICAL SITE PLAN WITH DETAILS

BARRE, VERMONT

Project #	416008
Project Mgr.	R.N. GOODWIN
Design by	JWC
Drawn by	JWC
Reviewed by	R.E. DUFRESNE
Approved by	R.E. DUFRESNE
Date	JANUARY 29, 2009
Scale	AS SHOWN

E1

SHEET 50 OF 56