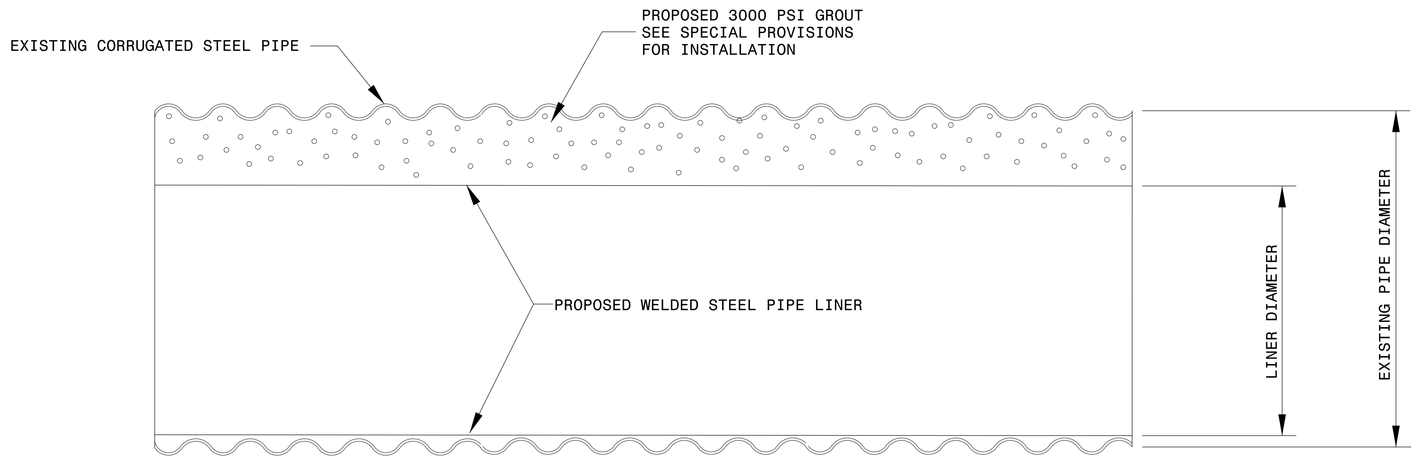
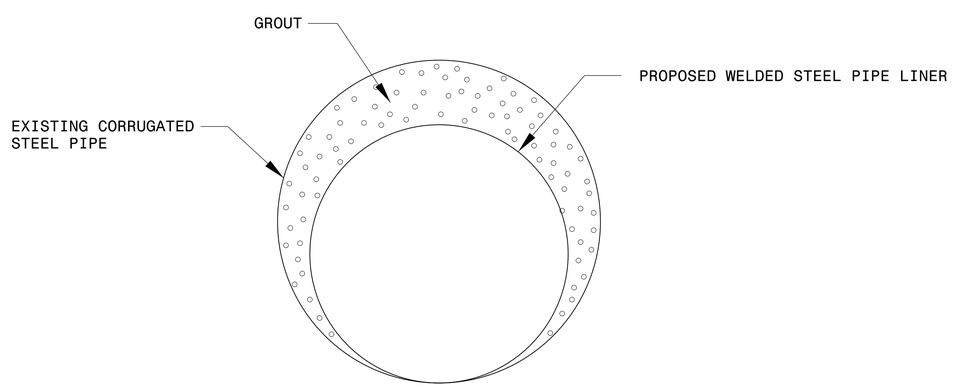
PROJ. REFERENCE NO.	SHEET NO.
R-2519B	2C-7



ELEVATION



END ELEVATION

GROUT QUANTITIES PER FOOT

EXISTING CSP SIZE (IN.)	W. STEEL LINER SIZE (IN.)	GROUT ($YDS.^3$ /FT.)
48	42	0.11
60	54	0.14
66	60	0.15
72	66	0.17
78	72	0.18
96	84	0.44

NOTE: SEE PLANS FOR PIPE LENGTHS AND LOCATIONS.

NORTH CAROLINA PROFESSIONAL SEAL 022966 ENGINEER Joel S. Howerton

DocuSigned by: Joel Howerton 9/5/2014
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CONTRACT STANDARDS AND DEVELOPMENT UNIT
Office 919-707-6950 FAX 919-250-4119

WELDED STEEL PIPE LINER INSIDE CORRUGATED STEEL PIPE

ORIGINAL BY: T.Spell DATE: May 19,1999
MODIFIED BY: DATE:
CHECKED BY: DATE:
FILE SPEC.: DS174:usr/details/metric/stand/liner.dgn