PROJECT REFERENCE NO.	SHEET NO.
B-4814	2C-2

STATE OF
NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

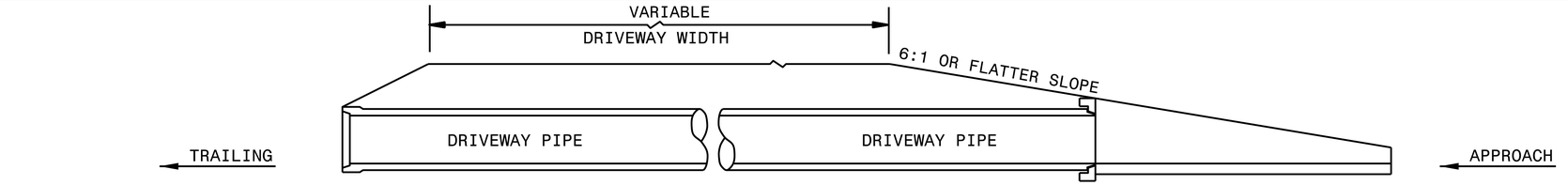
ENGLISH DETAIL DRAWING FOR

PARALLEL PIPE END SECTION

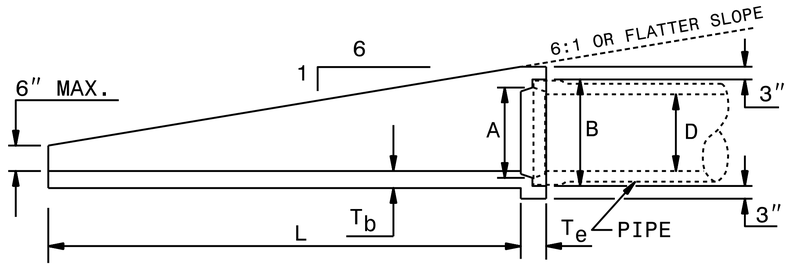
PRECAST CONCRETE SECTION FOR 15″ TO 30″ PIPE

SHEET 1 OF 1

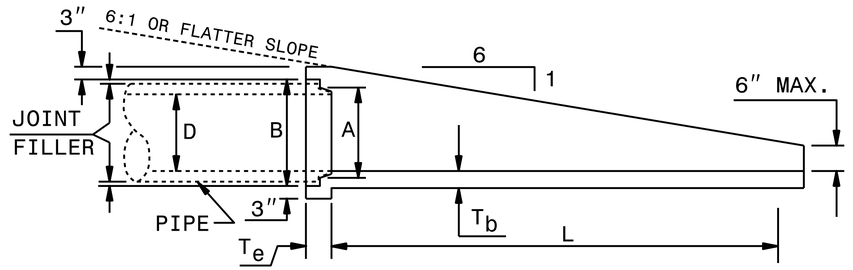
310D02



DRIVEWAY PIPE TYPICAL SECTION

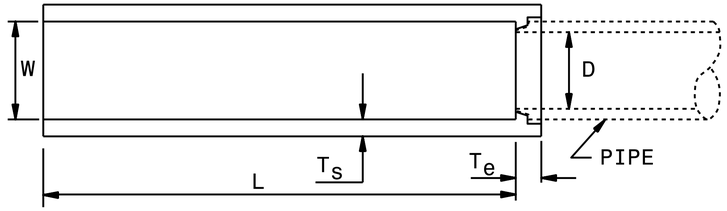


GROOVE INSTALLATION

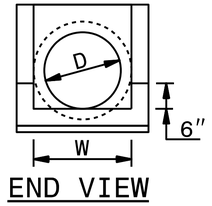


TONGUE INSTALLATION

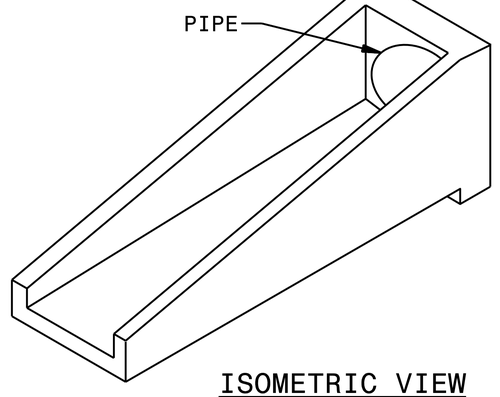
SIDE VIEW



PLAN VIEW



END VIEW



ISOMETRIC VIEW

END TREATMENT DIMENSIONS							
D	L	W	T_s	T_b	T_e	A	B
15″	7′-6″	19″	4″	4″	6″	17¾″	20⅞″
18″	9′-0″	23″	4″	4″	6″	21¼″	25″
24″	12′-6″	30″	4″	4″	6″	27⅞″	32″
30″	14′-6″	37″	4″	4″	6″	34¾″	39″

NOTES:
1. CONSTRUCT PIPE END SECTION USING #4 REBAR SPACED 9″ EACH WAY AND MEET ALL REQUIREMENTS OF STD. SPEC. 310.
2. CHAMFER ALL EXPOSED CORNERS ¾″.

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PARALLEL PIPE END SECTION

PRECAST CONCRETE SECTION FOR 15″ TO 30″ PIPE

SHEET 1 OF 1

310D02

NORTH CAROLINA PROFESSIONAL SEAL 022966 ENGINEER JOEL S. HOWERTON
11/5/2016

DocuSigned by: Joel S. Howerton

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

CONTRACTS STANDARDS AND DEVELOPMENT
Office 919-707-6950 FAX 919-250-4119

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