

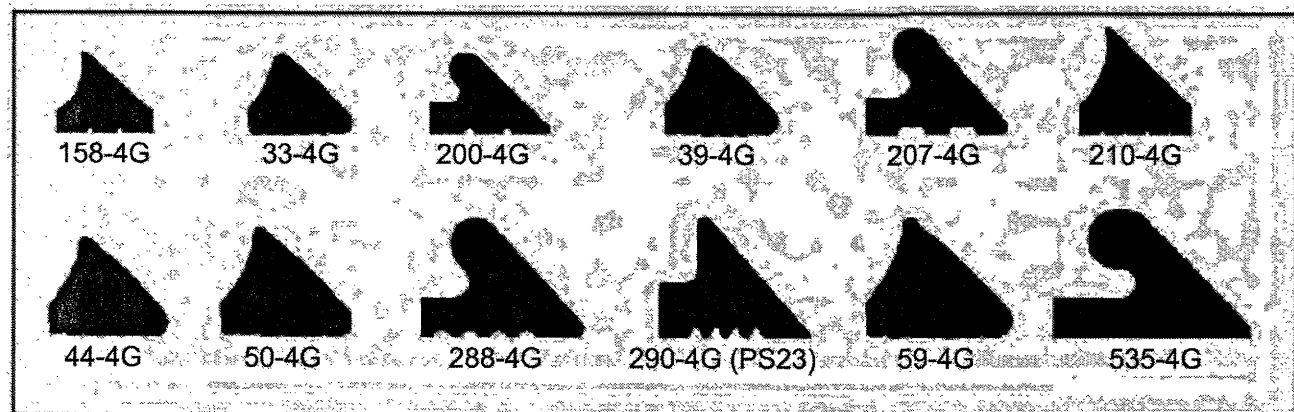
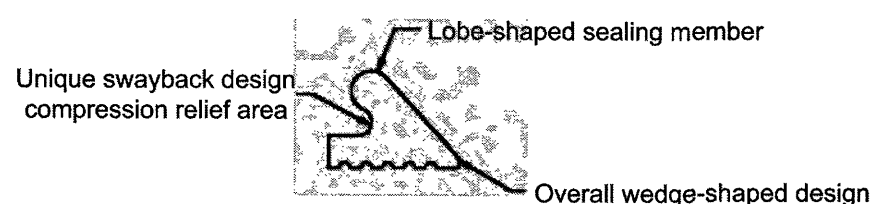


TYPE 4G & 4F PROFILE

FOR SINGLE-STEP
PIPE AND MANHOLE
JOINTS

Type 4G and 4F gaskets offer simple installation and reduced assembly forces for a more reliable seal.

Available for Concrete Pipe, Manholes and Box Culverts.



Type 4G & 4F gaskets meet and/or exceed the physical property requirements of
ASTM C 443 - Standard Specification for Joints for Concrete Pipe and Manholes Using Rubber Gaskets
and
ASTM C 1619 - Standard Specification for Elastomeric Seals for Joining Concrete Structures

Type 4G & 4F gaskets are available in regular and oil-resistant compounds. Contact our Customer Service Department for ordering information.

Gasket Type	Gasket Height (Inch)	Gasket Height (mm)	Typ. Annular Space (Inch)	Typ. Annular Space (mm)
200-4G	700	17.8 mm	.400	10.2 mm
33-4G	610	15.5 mm	.326	8.3 mm
190-4G	624	15.8 mm	.380	9.6 mm
39-4G	685	17.4 mm	.390	9.6 mm
207-4G	818	20.8 mm	.446	11.3 mm
210-4G	826	21.0 mm	.446	11.3 mm
44-4G	732	18.6 mm	.446	11.3 mm
50-4G	799	20.3 mm	.500	12.7 mm
288-4G	.808	23.1 mm	.500	12.7 mm
290-4F (PS-23)	916	23.3 mm	.500	12.7 mm
59-4G	.890	22.6 mm	.600	15.2 mm
535-4G	.970	24.6 mm	.600	15.2 mm

Press-Seal believes all information is accurate as of its publication date. Information, specifications, and prices are all subject to change without notice. Press-Seal is not responsible for any inadvertent errors. Copyright 2012.



PRESS-SEAL GASKET CORPORATION
Protecting Our Planet's Clean Water Supply
Press-Seal Gasket is an ISO 9001:2008 Registered & ISO 14001:2004 Compliant Company

91

Phone: 800-348-7325
Fax: (260) 436-1908
Email: sales@press-seal.com
Web: www.press-seal.com

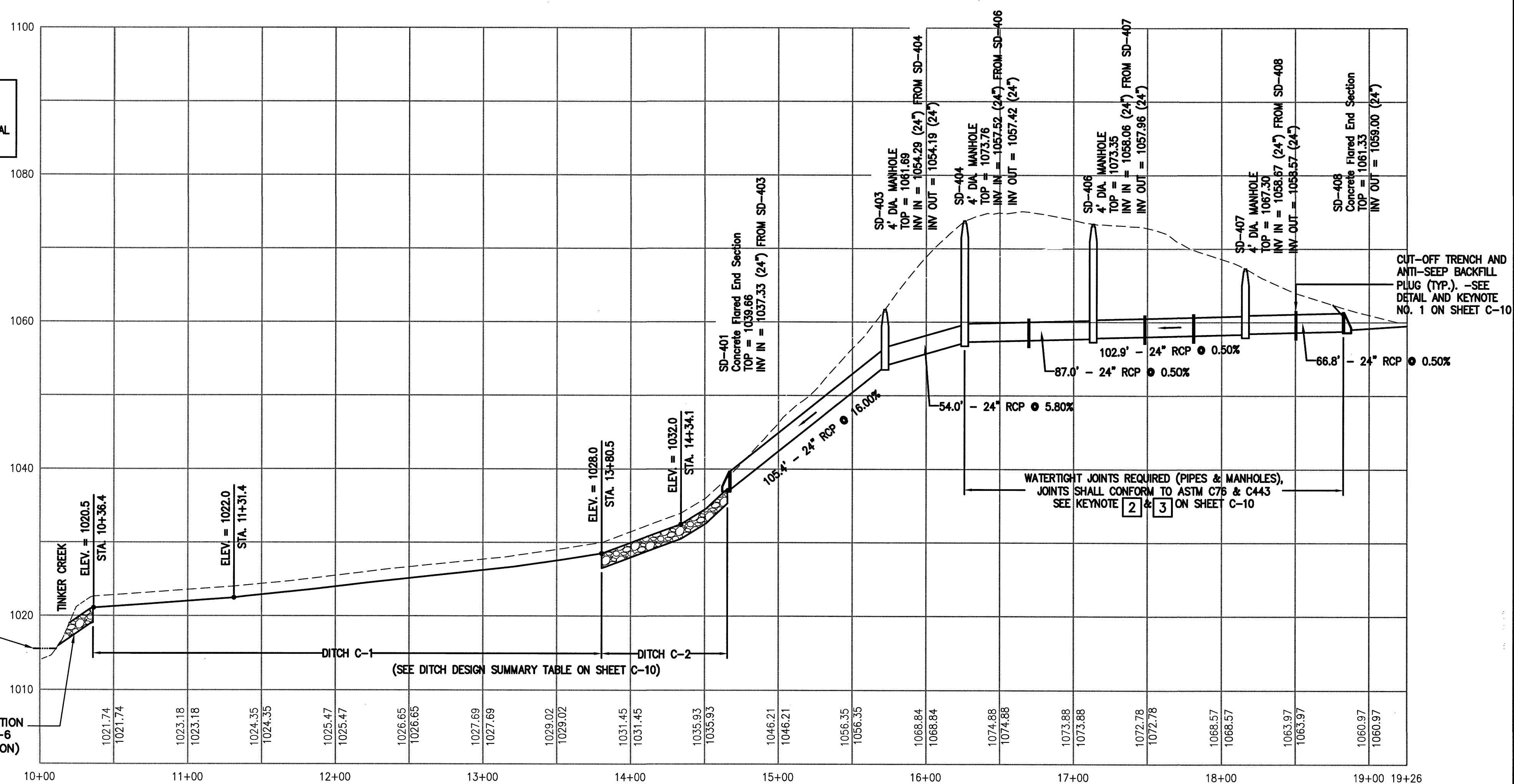


REFER TO SHEET C-10 FOR "STORM DRAINAGE GENERAL NOTES"

NOTE: CONTRACTOR SHALL SUBMIT STORM DRAINAGE STRUCTURE FABRICATION ORDER SHEETS TO ENGINEER FOR REVIEW AND APPROVAL PRIOR TO START OF FABRICATION.

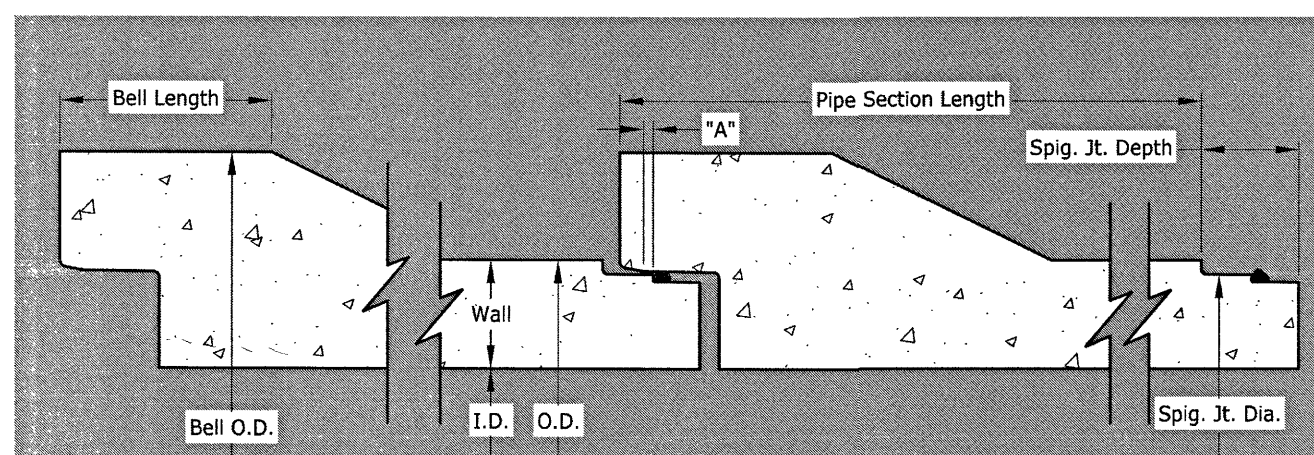
CLASS I RIP RAP AT OUTLET
(SEE OUTLET PROTECTION TABLE ON SHEET EC-6 FOR MORE INFORMATION)

ORDINARY HIGH WATER (O.H.W.) SURFACE ELEV.=1015.53



WATERTIGHT JOINT GASKET DETAIL

Reinforced Concrete Pipe



Section View

Basic Dimensions									
I.D. Pipe (In.)	Pipe Section Length (Ft.)	Nominal O.D. (In.)	Nominal Wall Thickness (In.)	Spig. Jt. Dia. (In.)	Spig. Jt. Depth (In.)	"A" Dim. (In.)	Bell O.D. (In.)	Bell Lgth. (In.)	Approx. Wt / Ft (Lbs)
12	8	16	2	15 1/4	3 5/8	15/16	20	5	130
15	8	19 1/2	2 1/4	18 3/4	3 5/8	15/16	24	5	160
18	8	23	2 1/2	22 1/8	3 5/8	15/16	28	5	190
21	8	26 1/2	2 3/4	25 5/8	3 7/8	1 3/16	31 3/4	6	240
24	8	30	3	29 1/8	3 7/8	1 3/16	35 1/2	6 1/2	300
27	8	33 1/2	3 1/4	32 1/2	2 7/8	1 5/16	39 1/4	6 1/2	370
30	8	37	3 1/2	36	4	1 5/16	43 1/4	7	440
36	8	44	4	42 7/8	4	1 5/16	51 1/4	7 1/2	600
42	8	51	4 1/2	46 1/4	4	3/4	52	7	860

Notes:

- Joints conform to ASTM C76, C443 & AASHTO M170.
- "A" dimension is based on joint fully seated.
- Pipe can be produced to meet the structural requirements of ASTM C76, C361, C685, C1417 & AASHTO M170.
- Pipe can be supplied with gaskets meeting the requirements of ASTM C443, C1619 or C990. May meet ASTM C361 with approval.

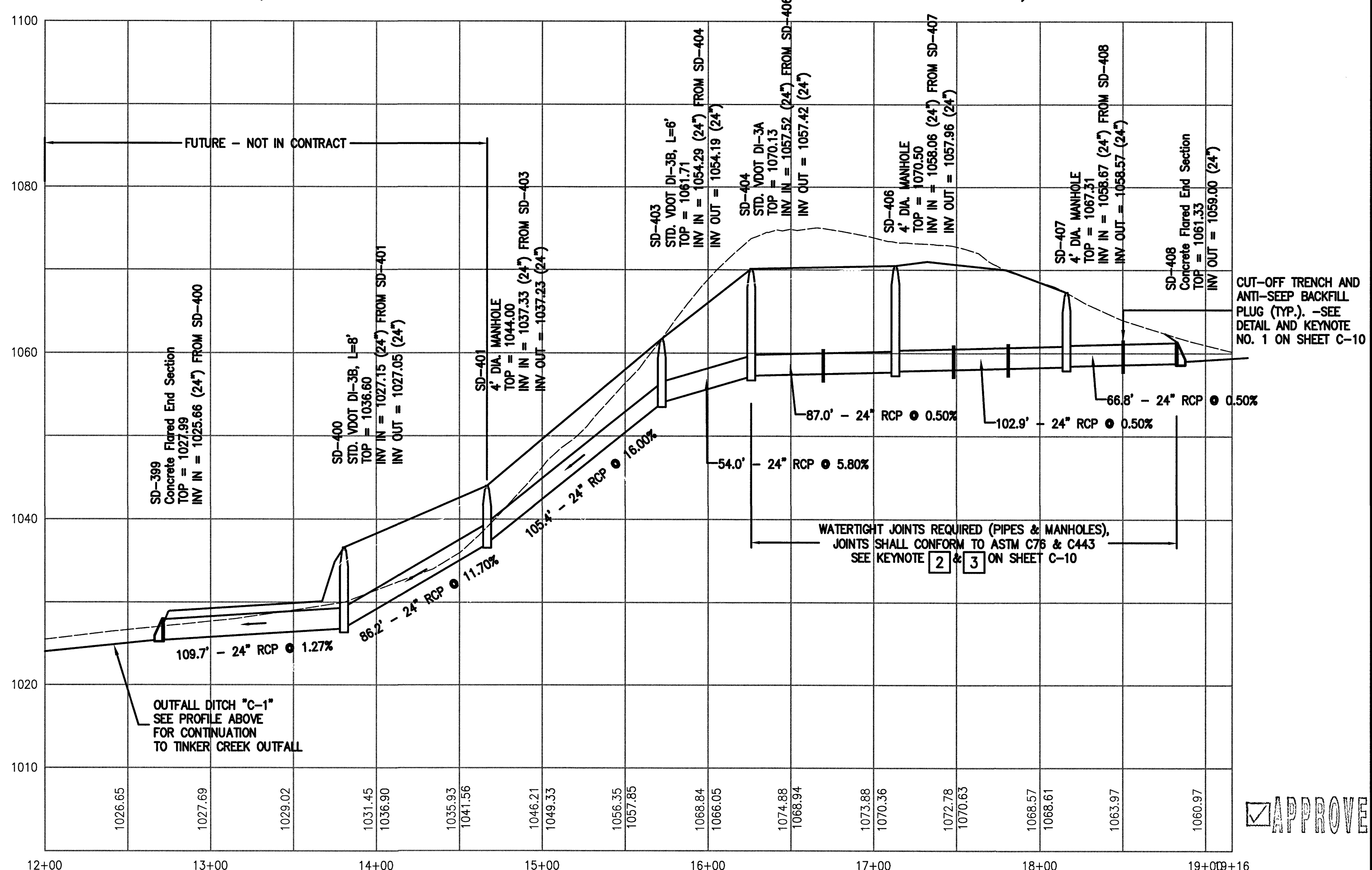
No Scale.
All dimensions subject to allowable specification tolerances.

TITLE	SECTION/PAGE	DATE
Offset Spigot Data for 12" to 42" Pipe Hanover, VA Plant	2.10	08-27-13

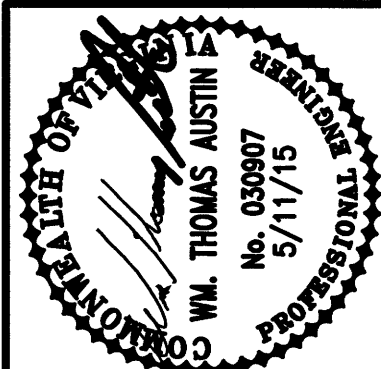
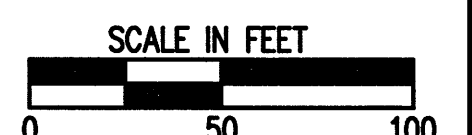


ENLARGED WATERTIGHT JOINT DETAIL

SD408-SD401 (INTERIM CONDITION AT END OF PHASE IIIA CONSTRUCTION)



SD408-SD399 (ULTIMATE CONDITION UPON COMPLETION OF PHASE IIIC)



Date	Revisions
7/17/15	1 1ST REVIEW COMMENTS
9/4/15	2 APPROVED SET

Issue Date:	MAY 11, 2015
Drawn By:	RWA
Designed By:	RWA
Checked By:	WTA
Date:	5/11/15

Matten & Craig
ENGINEERS & SURVEYORS
701 FIRST STREET, S.W.
ROANOKE, VIRGINIA 24016
(540) 345-9342
FAX (540) 345-7691

THE VILLAGE AT TINKER CREEK - PHASE IIIA
PROFILES - STORM DRAINAGE
ROANOKE COUNTY, VIRGINIA

Vertical Scale:
1" = 10'

Horizontal Scale:
1" = 50'

Commission Number:
1966-P3

Sheet No.:

C-10A