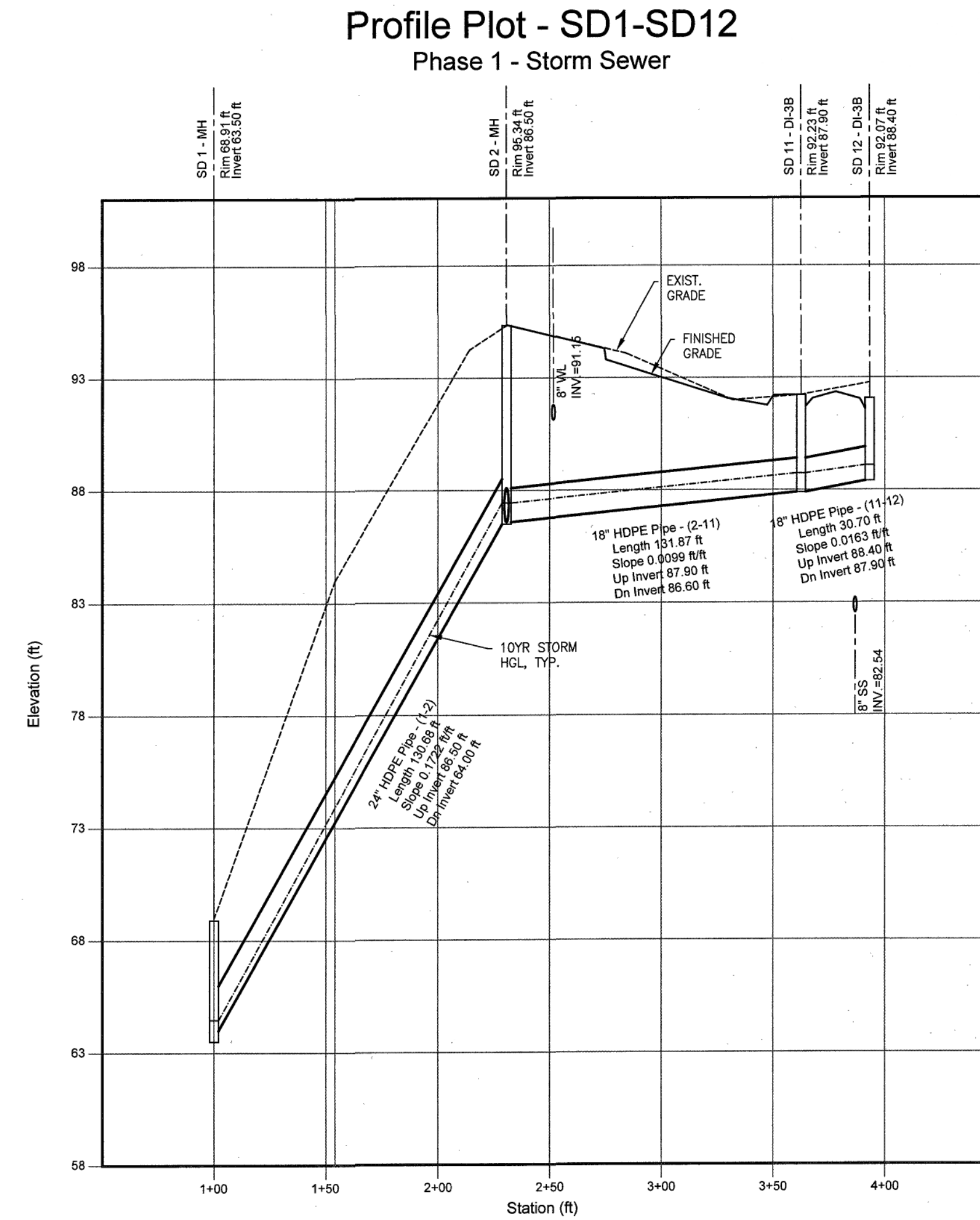
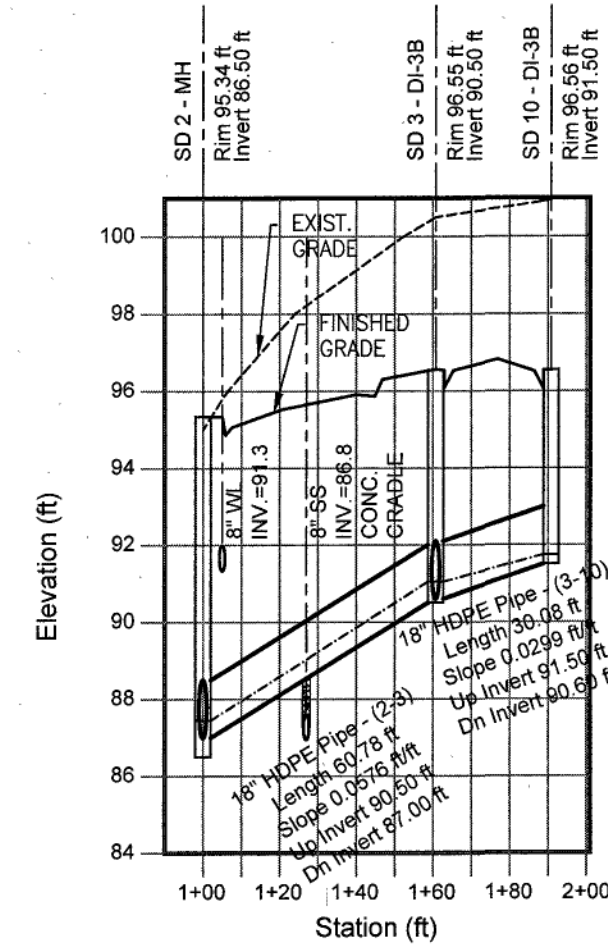


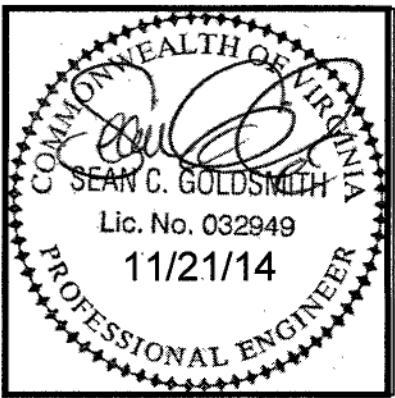


Node ID:	1 - MH	2 - MH	11 - DI-3B	12 - DI-3B
Rim (ft):	66.91	95.34	92.23	92.07
Invert (ft):	63.50	86.50	87.90	88.40
Min Pipe Cover (ft):	2.91	6.84	2.83	2.07
Max HGL (ft):	64.46	87.45	88.73	89.09
Link ID:	Pipe - (1-2)		Pipe - (2-11)	
Length (ft):	130.68		131.87	
Dia (in):	24.00		18.00	
Slope (ft/ft):	0.1722		0.0099	
Up Invert (ft):	86.50		87.90	
Dn Invert (ft):	64.00		86.60	
Max Q (cfs):	14.47		6.03	
Max Vel (ft/s):	26.05		7.99	
Max Depth (ft):	0.47		0.83	

Profile Plot - SD2-SD10
Phase 1 - Storm Sewer



Node ID:	2 - MH	3 - DI-3B	10 - DI-3B
Rim (ft):	95.34	96.55	96.56
Invert (ft):	86.50	90.50	91.50
Min Pipe Cover (ft):	6.84	4.35	0.56
Max HGL (ft):	87.45	91.04	91.74
Link ID:	Pipe - (2-3)		Pipe - (3-10)
Length (ft):	60.78		30.08
Dia (in):	18.00		18.00
Slope (ft/ft):	0.0576		0.0299
Up Invert (ft):	90.50		91.50
Dn Invert (ft):	87.00		90.60
Max Q (cfs):	6.45		1.44
Max Vel (ft/s):	14.42		7.67
Max Depth (ft):	0.45		0.24



Revisions By	Date



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STORM DRAIN PROFILES 1-12; 2-10

PHASE 1
COTTAGES OF STEEPCHASE
BOTETOURT COUNTY, VIRGINIA

Scale: H:1"=50';V:1"=5'
Date: 11/21/14
Design By: SCG
CAD By: SCG
Checked By:
Project No.: 12052

Sheet No.
C14