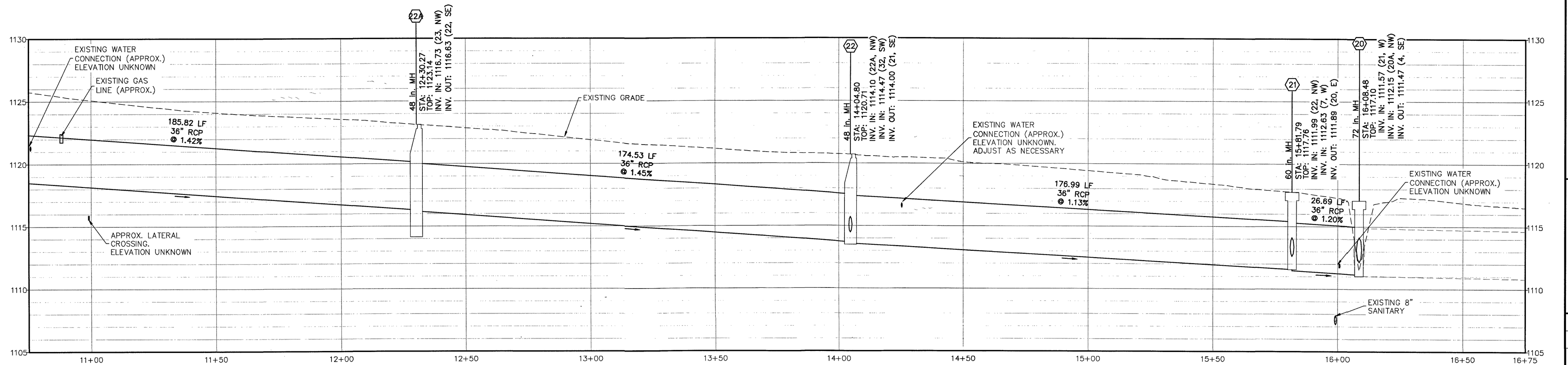
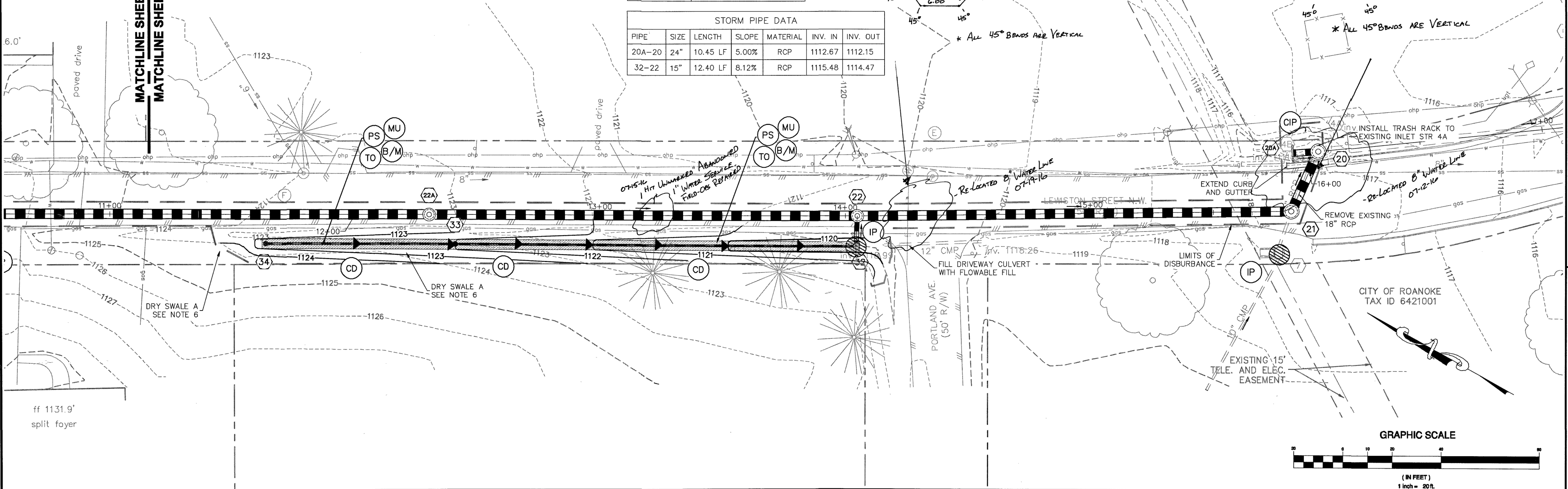


FRAZIER
AX ID 6421120

EXISTING SANITARY STRUCTURES		EXISTING STORM STRUCTURES	
(E)	sanitary manhole top 1120.71 8" Inv. in 1110.21 NW 8" Inv. out 1110.13 SE	(4A)	cap culvert top 1114.47 36" Inv. in 1114.47 SE
(F)	sanitary manhole top 1123.99 8" Inv. in 1113.79 NW 6" Inv. in 1115.64 NE 8" Inv. out 1113.74 SE	(4B)	cap outfall top 1113.43 18" Inv. out 1111.93 NE
		(7)	curb inlet top 1117.48 10" Inv. in 1114.68 W 18" Inv. out 1113.18 SE

STORM STRUCTURE DATA	
STRC. NUMBER	STRC. DATA
20A	EW-1 TOP: 1115.46 INV. OUT: 1112.67 (20, SE)
32	24" YARD DRAIN TOP: 1119.00 INV. IN: 1116.75 (33, NW) INV. OUT: 1115.48 (22, NE)
34	C.O. TOP: 1122.94 INV. OUT: 1120.69 (33, SE)

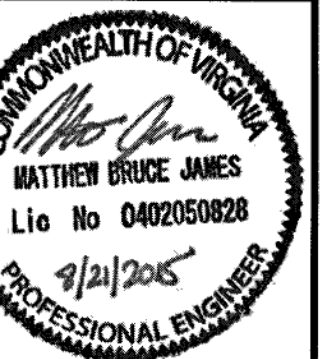
STORM PIPE DATA						
PIPE	SIZE	LENGTH	SLOPE	MATERIAL	INV. IN	INV. OUT
20A-20	24"	10.45 LF	5.00%	RCP	1112.67	1112.15
32-22	15"	12.40 LF	8.12%	RCP	1115.48	1114.47



PROPOSED STORM (STA. 10+50 TO 15+50) - Scale: H: 1"=20', V: 1"=4'

NOTE:

1. WORK IS TO BE PERFORMED PER THE CITY OF ROANOKE RIGHT OF WAY EXCAVATION AND RESTORATION STANDARDS.
2. COORDINATE RELOCATION OF GAS LINE WITH GAS UTILITY COMPANY.
3. COORDINATE RELOCATION OF WATER AND SEWER LINES WITH THE WESTERN VIRGINIA WATER AUTHORITY.
4. WHERE WATER METER RELOCATION IS REQUIRED, THE EXISTING METER IS TO BE REUSED.
5. CHECK DAMS SHOWN ON THE PLANS ARE TO BE PERMANENT WATER QUALITY CHECK DAMS AND ARE TO FOLLOW MINIMUM STANDARD 3.13 OF THE VIRGINIA BMP CLEARINGHOUSE.
6. DRY SWALES ARE TO BE CONSTRUCTED AFTER ALL UPSLOPE AREAS HAVE BEEN FULLY STABILIZED.



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SITE & GRADING PLAN
LAUREL RIDGE RD / LEWISTON ST
DRAINAGE IMPROVEMENTS
ROANOKE, VIRGINIA

REVISIONS

DESIGNED BY: MBI
DRAWN BY: AJH
CHECKED BY: LBL
SCALE: 1"=20'
DATE: AUGUST 21, 2015
PROJECT NUMBER: B14120B-01

C203