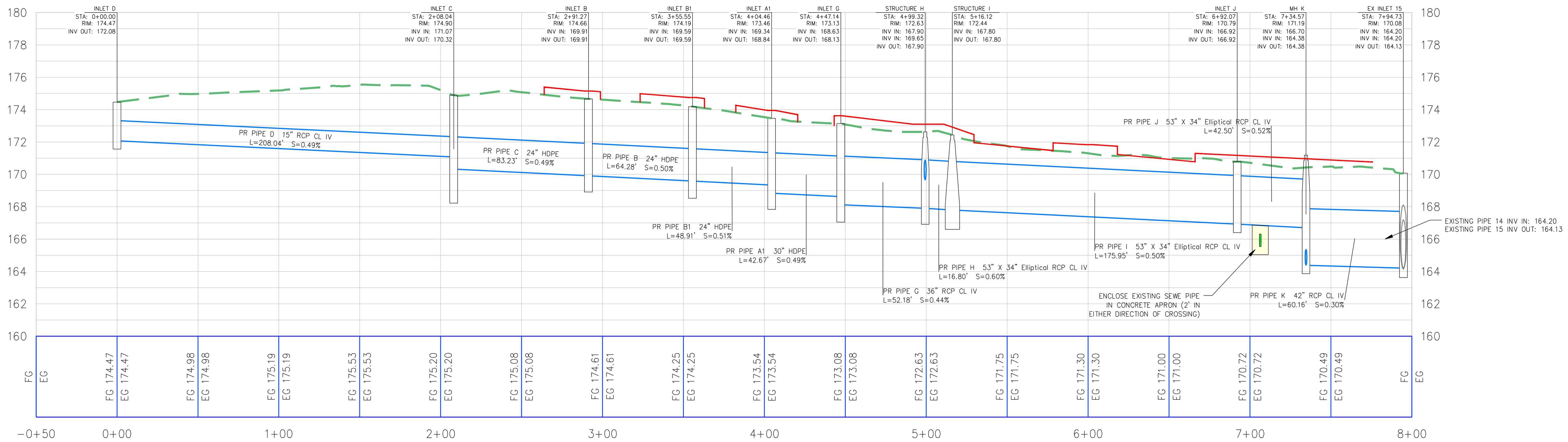
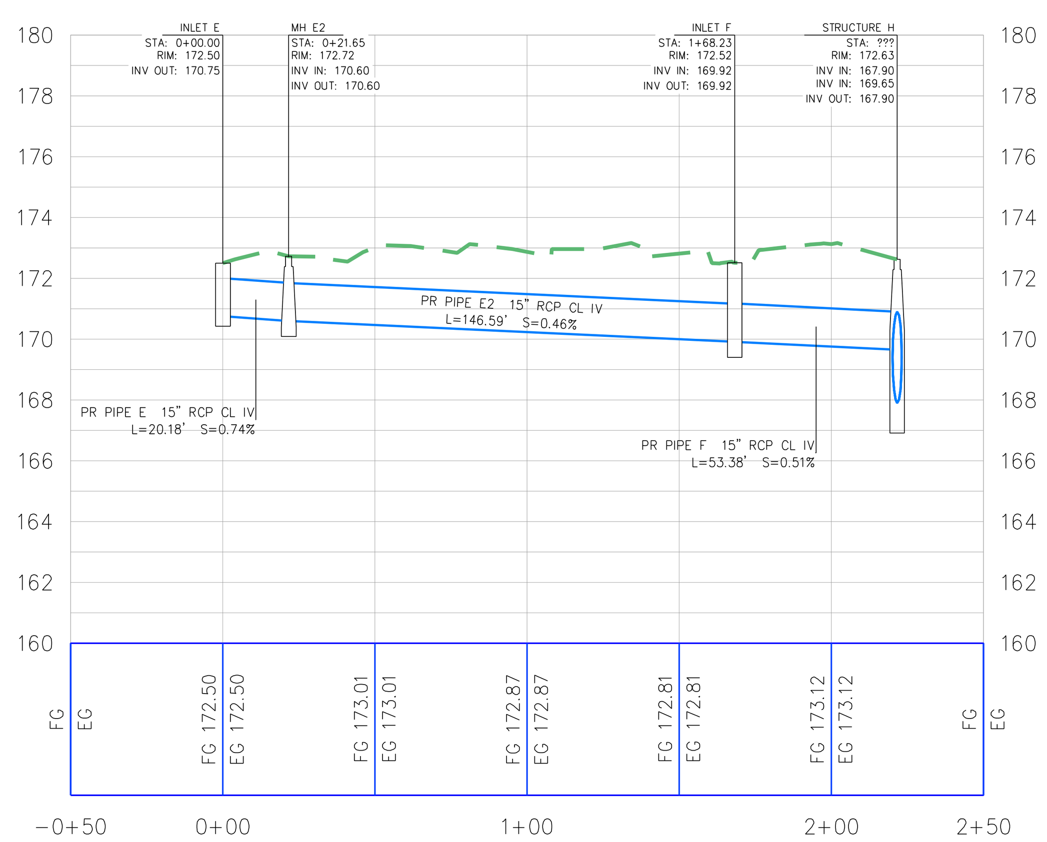
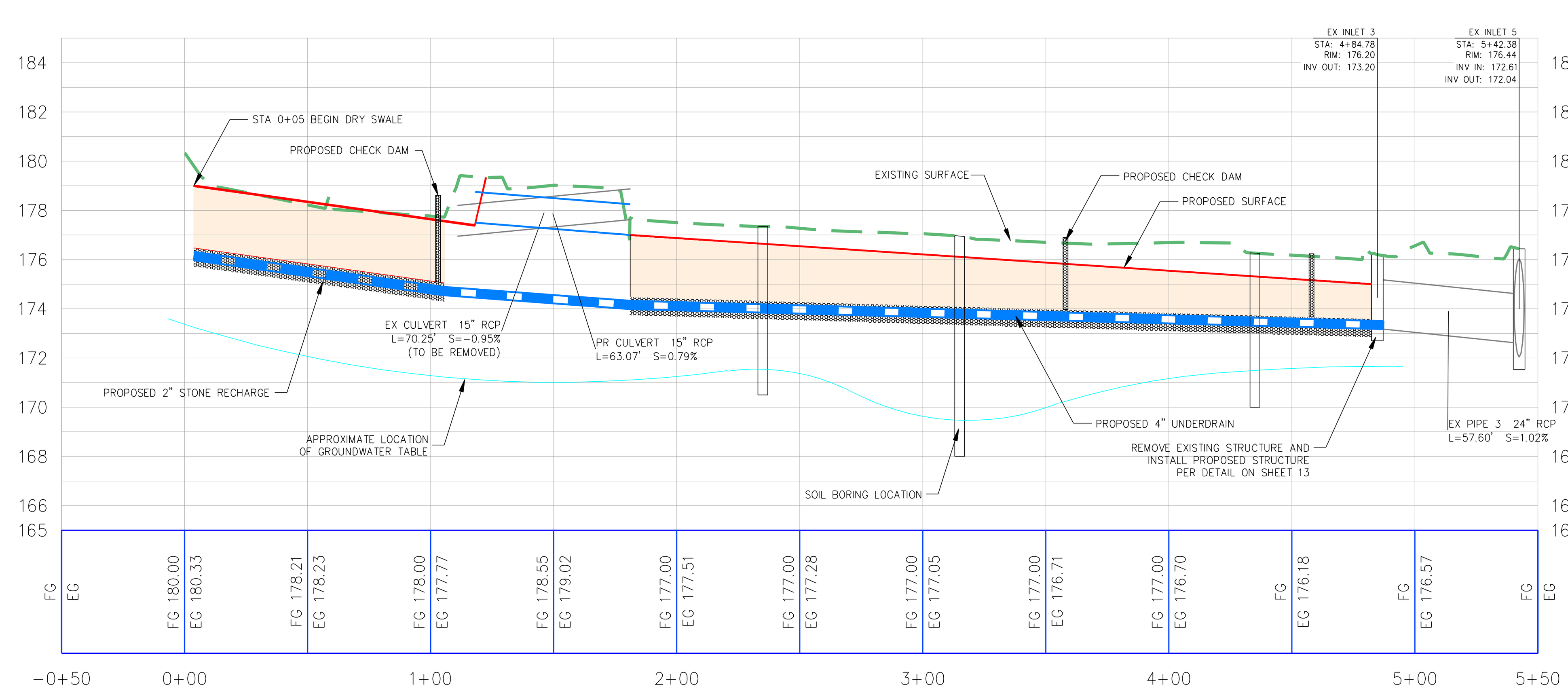


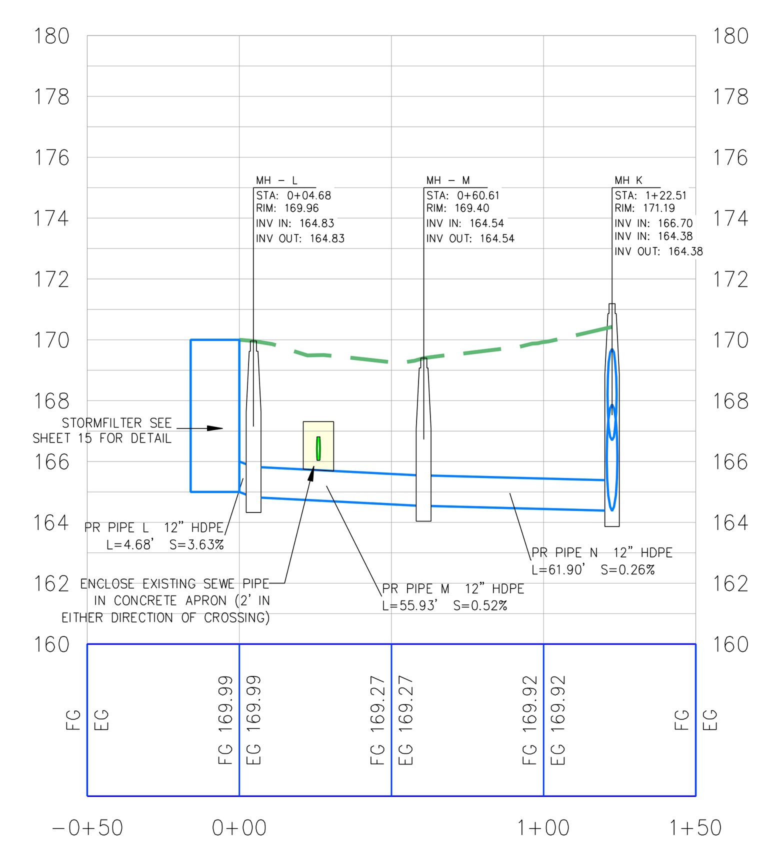
PR INLET D - EX INLET 15



INLET E - INLET G



DRY SWALE PROFILE



STORM FILTER OUTFALL

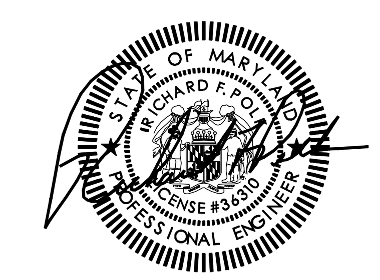
STORM DRAIN PIPE SCHEDULE

NAME	TYPE	LENGTH	SLOPE	INVERT IN	INVERT OUT
PIPE EX CULVERT	15" RCP	70.25'	-0.95%	176.96'	177.63'
PIPE EX PIPE 3	24" RCP	57.60'	1.02%	173.20'	172.61'
PIPE EX PIPE 5	48" RCP	406.90'	0.50%	172.04'	170.01'
PIPE EX PIPE 6	24" RCP	161.07'	0.32%	172.80'	172.29'
PIPE EX PIPE 7	36" RCP	218.11'	0.72%	171.58'	170.01'
PIPE EX PIPE 8	54" RCP	183.95'	0.88%	169.51'	167.89'
PIPE EX PIPE 9	24" RCP	77.01'	1.60%	171.86'	170.63'
PIPE EX PIPE 10	18" RCP	40.38'	-0.52%	171.65'	171.86'
PIPE EX PIPE 11	24" RCP	41.82'	3.00%	170.41'	169.15'
PIPE EX PIPE 14	36" RCP	134.08'	0.46%	164.82'	164.20'
PIPE EX PIPE 15	48" RCP	39.99'	0.70%	164.13'	163.85'
PIPE EX PIPE 16	48" RCP	255.11'	0.66%	163.85'	162.16'
PIPE EX PIPE 17	36" RCP	150.21'	0.17%	164.24'	163.98'
PIPE EX PIPE 18	24" RCP	127.41'	0.07%	164.31'	164.22'
PIPE EX PIPE 19	24" RCP	196.93'	0.74%	165.79'	164.34'
PIPE EX PIPE 20	24" RCP	102.56'	0.56%	166.99'	166.42'
PIPE EX PIPE 21	18" RCP	145.03'	0.79%	168.31'	167.16'
PIPE EX PIPE 22	18" RCP	12.95'	1.39%	168.58'	168.40'
PIPE PR CULVERT	15" RCP	63.07'	0.79%	177.50'	177.00'
PIPE PR PIPE A1	30" HDPE	42.67'	0.49%	168.84'	168.63'
PIPE PR PIPE B	24" HDPE	64.28'	0.50%	169.91'	169.59'
PIPE PR PIPE B1	24" HDPE	48.91'	0.51%	169.59'	169.34'
PIPE PR PIPE C	24" HDPE	83.23'	0.49%	170.32'	169.91'
PIPE PR PIPE D	15" RCP CL IV	208.04'	0.49%	172.08'	171.07'
PIPE PR PIPE E	15" RCP CL IV	20.18'	0.74%	170.75'	170.60'
PIPE PR PIPE E2	15" RCP CL IV	146.59'	0.46%	170.60'	169.92'
PIPE PR PIPE F	15" RCP CL IV	53.38'	0.51%	169.92'	169.65'
PIPE PR PIPE G	36" RCP CL IV	52.18'	0.44%	168.13'	167.90'
PIPE PR PIPE H	53" X 34" Elliptical RCP CL IV	16.80'	0.60%	167.90'	167.80'
PIPE PR PIPE I	53" X 34" Elliptical RCP CL IV	175.95'	0.50%	167.80'	166.92'
PIPE PR PIPE J	53" X 34" Elliptical RCP CL IV	42.50'	0.52%	166.92'	166.70'
PIPE PR PIPE K	42" RCP CL IV	60.16'	0.30%	164.38'	164.20'
PIPE PR PIPE L	12" HDPE	4.68'	3.63%	165.00'	164.83'
PIPE PR PIPE M	12" HDPE	55.93'	0.52%	164.83'	164.54'
PIPE PR PIPE N	12" HDPE	61.90'	0.26%	164.54'	164.38'

STORM DRAIN STRUCTURE SCHEDULE

NAME	TYPE	RIM	CONNECTED PIPES
EX INLET 16	Catch Basin	168.32'	3
EX HW 17	Catch Basin	162.16'	1
EX INLET 3	Catch Basin	176.20'	1
EX INLET 5	Catch Basin	176.44'	2
EX INLET 6	Catch Basin	175.94'	1
EX INLET 7	Catch Basin	174.90'	2
EX INLET 8	Catch Basin	174.04'	4
EX INLET 9	Catch Basin	174.83'	2
EX INLET 10	Catch Basin	174.56'	2
EX INLET 15	Catch Basin	170.08'	3
EX INLET 18	Catch Basin	169.46'	2
EX INLET 19	Catch Basin	170.44'	2
EX INLET 20	Catch Basin	169.73'	2
EX INLET 21	Catch Basin	171.37'	2
EX INLET 22	Catch Basin	171.38'	1
EX MH 17	Catch Basin	171.24'	2
INLET A1	TYPE DOUBLE S INLET - MD 379.04	173.46'	2
INLET B	15' COG INLET - MD 374.51	174.66'	2
INLET B1	5' COG INLET - MD 374.51	174.19'	2
INLET C	TYPE S INLET - MD 379.01	174.90'	2
INLET D	TYPE S INLET - MD 379.01	174.47'	1
INLET E	15' COG INLET - MD 374.61	172.50'	1
INLET F	10' COG INLET - MD 374.61	172.52'	2
INLET G	10' COG INLET - MD 374.51	173.13'	2
INLET J	10' COG INLET - MD 374.51	170.79'	2
MH - L	STANDARD MH - MD 383.01	169.96'	2
MH - M	STANDARD MH - MD 383.01	169.40'	2
MH E2	STANDARD MH - MD 383.01	172.72'	2
MH K	STANDARD DRP MH - MD 383.11	171.19'	3
STRUCTURE H	CDS5640-10	172.63'	3
STRUCTURE I	10-YEAR WEIR	172.44'	2

PGM# VCI09-0078



PROFESSIONAL CERTIFICATION:

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO: 36310 , EXPIRATION DATE: 11/17/2012 .

CHARLES COUNTY GOVERNMENT
DEPARTMENT OF PLANNING AND GROWTH MANAGEMENT
DEVELOPMENT SERVICES DEPARTMENT

					REMARKS OR CONDITIONS
GRADING		CONSTRUCTION		AS-BUILT	
ROADS		CONSTRUCTION		AS-BUILT	
STORM DRAINAGE		CONSTRUCTION		AS-BUILT	
STORMWATER MANAGEMENT		CONSTRUCTION		AS-BUILT	
WATER		CONSTRUCTION		AS-BUILT	
SEWER		CONSTRUCTION		AS-BUILT	
OTHER		CONSTRUCTION		AS-BUILT	
SIGNED:					THIS PERMIT EXPIRES ON:
DATE:					DATE:

NOTE:
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NOTE:
This Drawing does not include necessary components for construction safety. All construction must be done in compliance with the occupational safety and health act of 1970 and all rules and regulations thereto appurtenant.

PROPOSED STORMWATER PROFILES

REV NO.	CONSTRUCTION REVISION	DATE

VISTA DESIGN, INC.
Landscape Architects, Land Planning Consultants, Engineers & Surveyors
11634 Worcester Hwy, Showell, MD 21862
ph. 410-352-3874 fax 410-352-3875 email vista@vistadesigninc.com

PROJECT DATA

DRAWN BY:	RB
CHECK BY:	RP
CHARLES COUNTY	
BRYANS ROAD, MARYLAND	
F.B. NO:	00-00-00
T.M. NO.	0-00-00-00
DATE:	05/20/10
SCALE:	NTS

PROJ. NO. 09-047

File Name: CE 012210.dwg

SHEET NO. 8

PGM# VCI09-0078