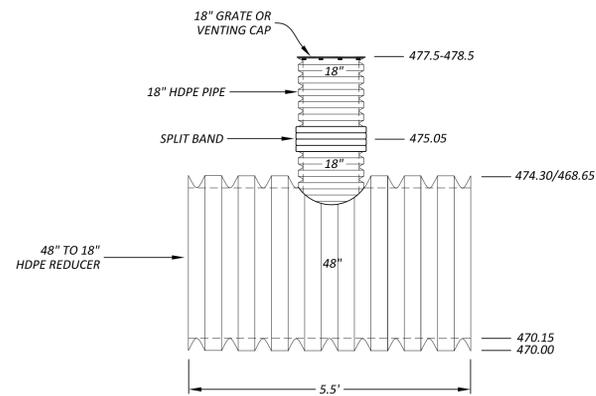
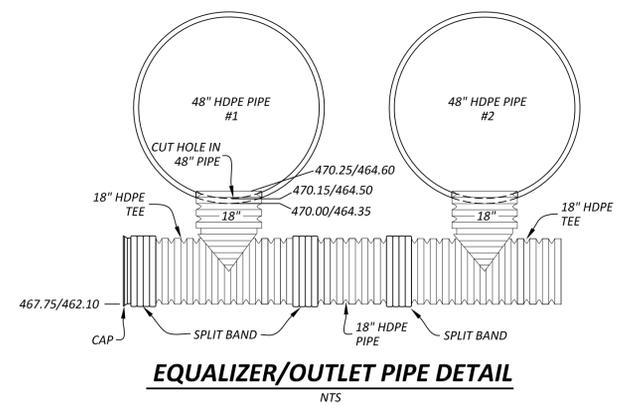


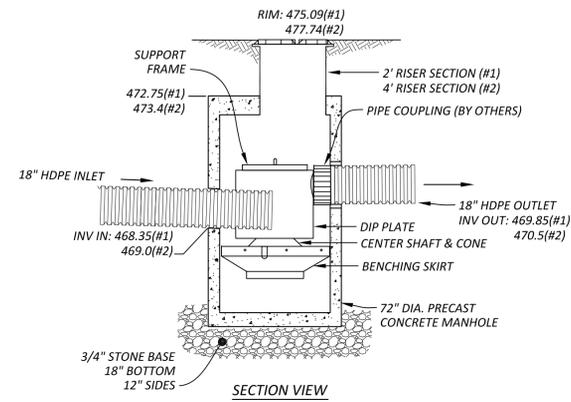
(NORTH SYSTEM/SOUTH SYSTEM)
MANWAY DETAIL
NTS



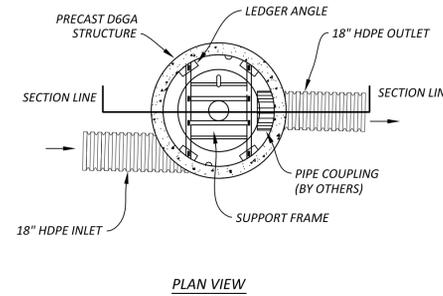
(NORTH SYSTEM ONLY)
VENT DETAIL
NTS



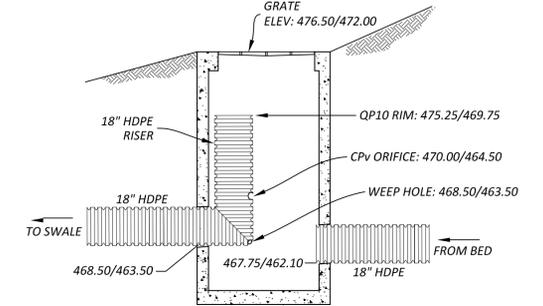
EQUALIZER/OUTLET PIPE DETAIL
NTS



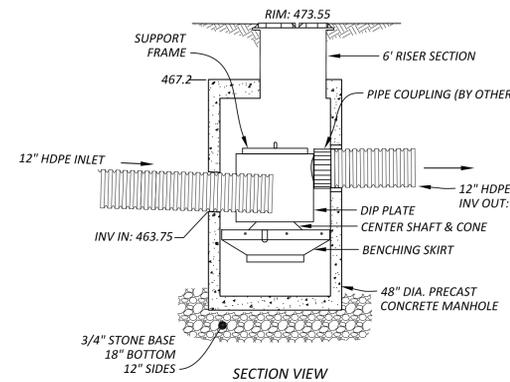
HYDRO INT'L MODEL D6GA DOWNSTREAM DEFENDER DETAIL
NTS



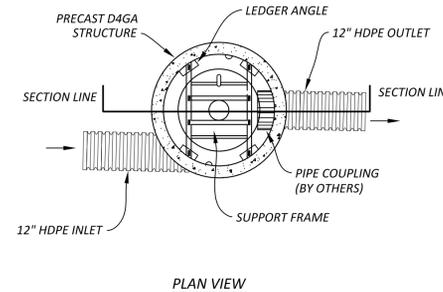
PLAN VIEW



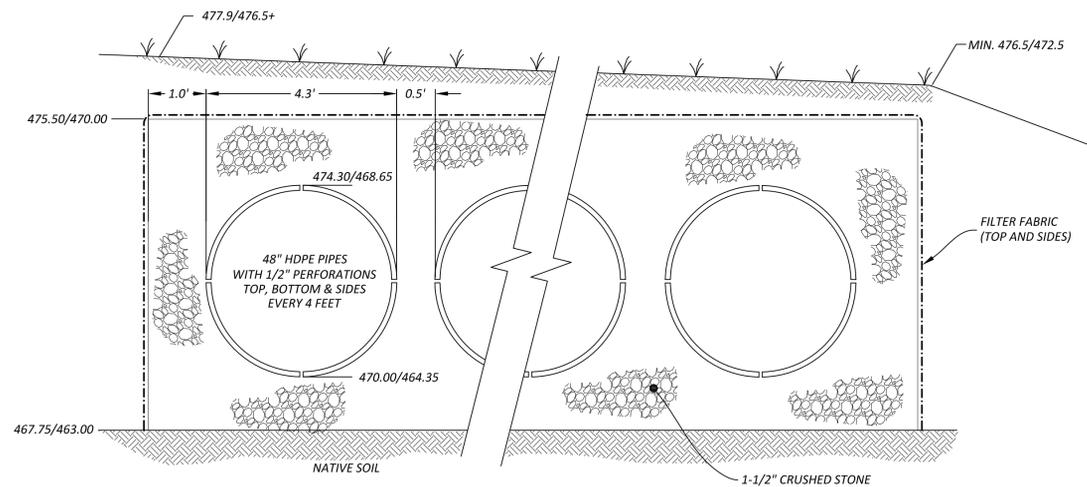
(NORTH SYSTEM/SOUTH SYSTEM)
OUTLET STRUCTURE DETAIL
NTS



HYDRO INT'L MODEL D4GA DOWNSTREAM DEFENDER DETAIL
NTS



PLAN VIEW



(NORTH SYSTEM/SOUTH SYSTEM)
BED DETAIL
NTS

Indian Brook Storm				
LDS CPV Detention in 48" Pipes				
ADS Pipe Materials List (between downstream defenders and outlet structure)				
	ADS #	North	South	
48" x 20' N-12 double wall storm pipe, straight ends	48950020	128		21
48" x 13' N-12 double wall storm pipe, straight ends	?	19		0
48" to 30" N-12 double wall reducer, straight ends	4868AN	19		7
48" to 18" N-12 double wall reducer, straight ends	4866AN	19		0
48" N-12 double wall end cap, straight end	4801AN	36		13
48" to 12" N-12 double wall reducer, straight ends	4874AN	1	north inlet	1
48" to 18" N-12 double wall reducer, straight ends	4876AN	1	south inlet	0
48" N-12 split bands, no gasket	4865AA	204		35
30" x 20' N-12 double wall storm pipe, straight ends	30950020	3		2
30" H20 drop in grate, lockable	3099CGC	19		7
30" N-12 split bands, no gasket	3065AA	19		7
18" x 20' N-12 double wall pipe, straight ends	18950020	6		1
18" N-12 double wall end cap, straight end	1801AN	1		1
18" N-12 split bands, no gasket	1865AA	39		8
12" x 20' N-12 double wall storm pipe, one bell end	12950020B	2		1
12" N-12 double wall 30 degree elbow	?	1		0
1-1/2" crushed stone	n/a	2695	cy	414
fabric	n/a	19403	sf	4159

other inlet and outlet structures, pipes, corings, replacement pavement, etc. need to be estimated separately from plan.

FINAL CONCEPT

INDIAN BROOK FLOW RESTORATION PLAN
ESSEX, VERMONT

LDS CHURCH STORMWATER IMPROVEMENT DETAILS

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APPROVED BY:	AT	DRAWN BY:	SMS/ATS	SCALE:	NOTED
DATE:	6-24-15	CHECKED BY:	AT	SHEET:	2 OF 2