



63 15" RCP
INV. 7.77
7.82

12.6 HP
12.4
WETLAND SWALE @ 0.50%
0.40%
134'-15" RCP @ 0.23%
0.19%

62 CHES ST'D
SDI-1
RIM 12.05
INV. 8.11
12.03
8.07

13.0 TB
12.8 TB
INV. 6.9
6.8

71
15.1 HP
RIDGE LINE (TYPICAL)

61 DOUBLE BOX CULVERT WINGWALL
W/ VDOT STD. HR-1 HAND RAIL
INV. 7.03
7.00

28+00
0.30%
146'-8" SAN. @ 0.30%

13.0 TB
13.0 TB
13.1 TB
14.9
14.9
15.1 HP
4.85
4.35
14.90 HP
0.69%

INV. 7.0
6.9

LL
14.65
14.15

75' - 8' x 4' DOUBLE
BOX CULVERT
@ 0.17%
0.17%

14.65
14.15
14.70
14.65
14.15

PC STA. 27+16.50

14.90 HP
0.69%
14.85 HP
14.35
15.1
15.0
15.1 HP

60 DOUBLE BOX CULVERT WINGWALL
W/ VDOT STD. HR-1 HAND RAIL
INV. 7.07
7.13

15.3 HP
13.7 GC
LL SAN. IB
RIM 14.70
INV. 11.23
14.60
11.25

REQUIRED WATER
1-8"x8"x6" TEE
1-6" GATE VALVE
1-FIRE HYDRANT
THRUST RESTRAINT

13.0 TB
INV. 7.1
7.2
13.2 TB

DITCH, SWALE AND BOX CULVERT DETAIL