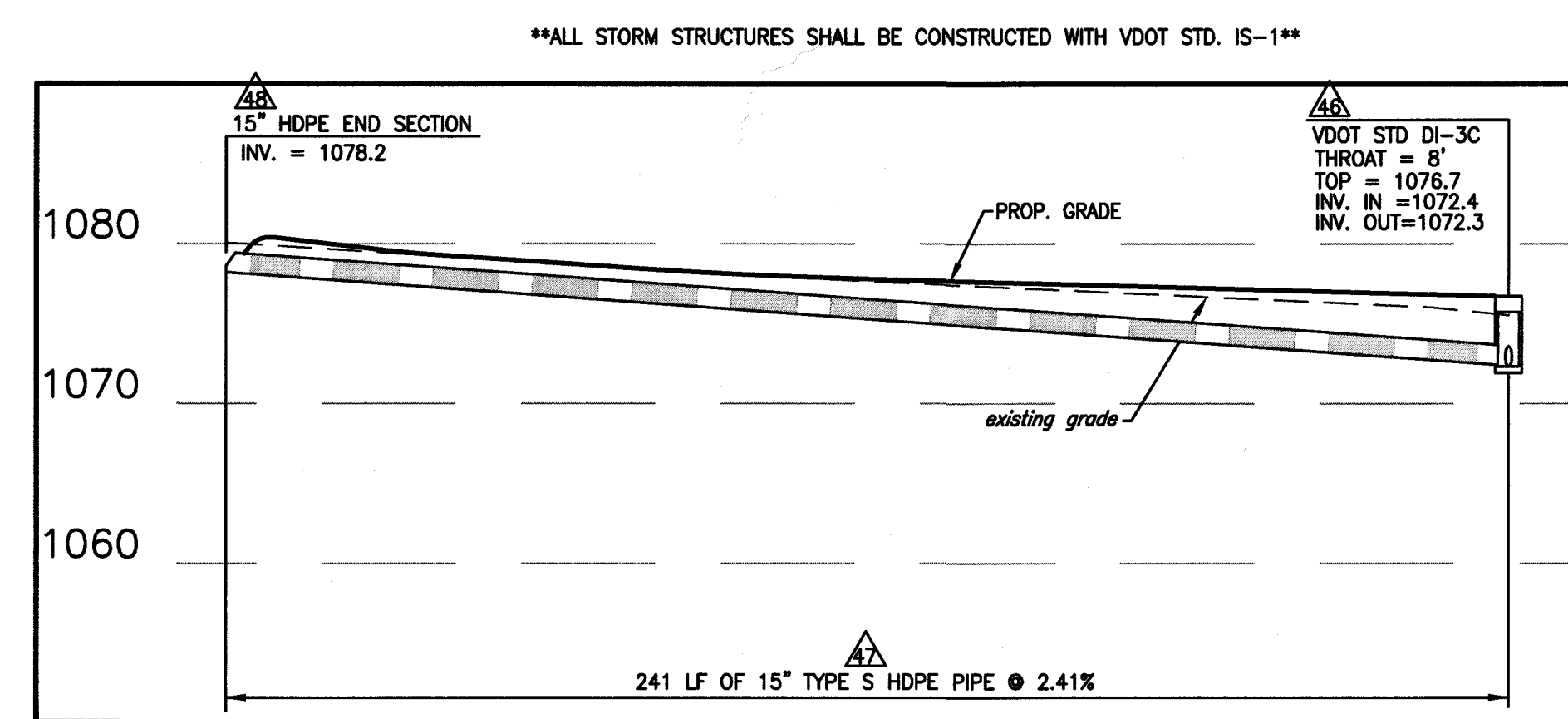
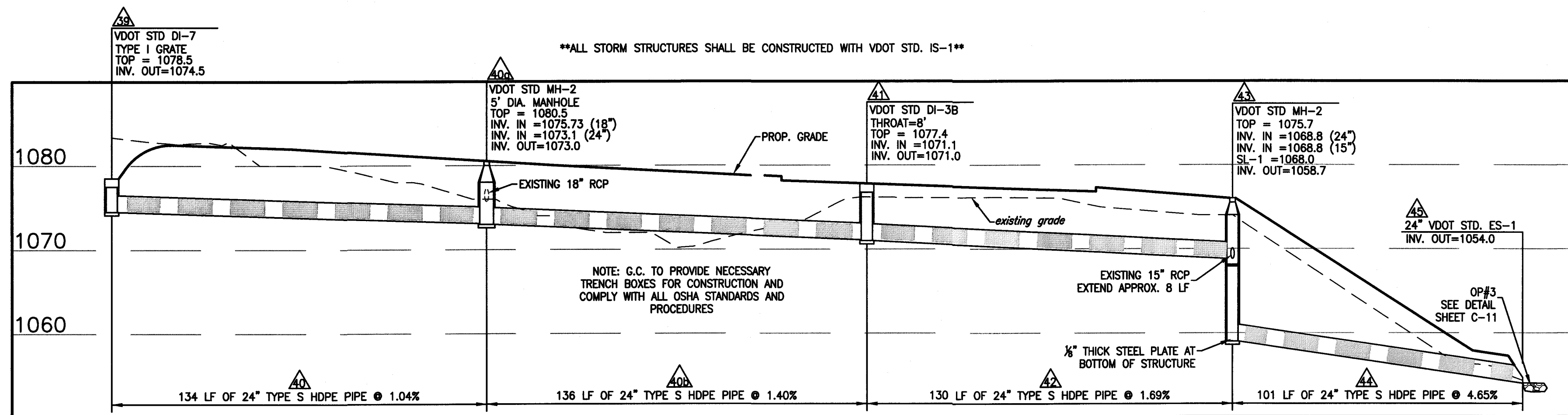
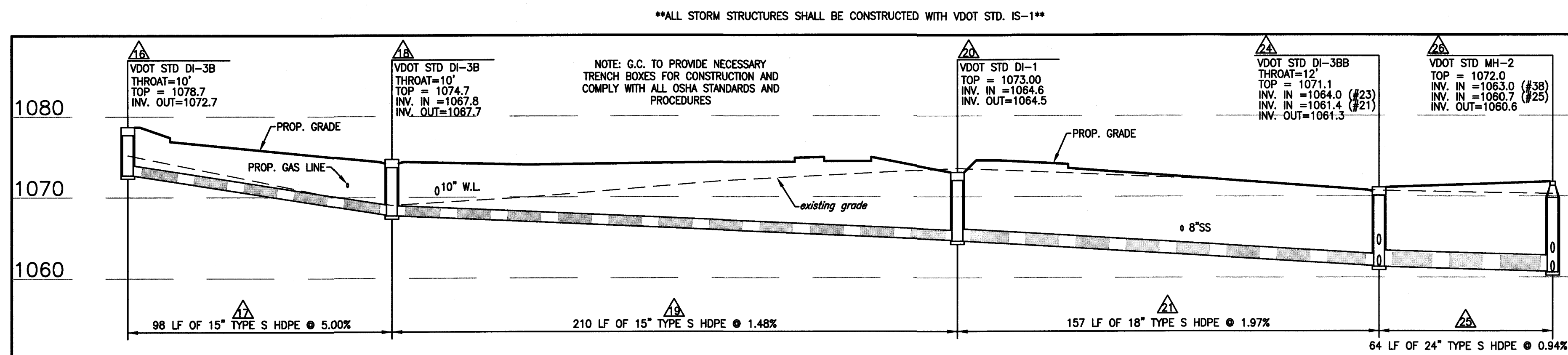




PHASING NOTE

THIS PROJECT WILL BE DEVELOPED IN TWO PHASES. UTILITIES SHALL BE INSTALLED WITH THE APPROPRIATE PHASE AS SHOWN ON THE PROFILES. SEE PROJECT PHASING NOTES ON SHEET C01 FOR ADDITIONAL CLARIFICATION.



SANITARY SEWER MANHOLE ALIGNMENT

LINE	BEARING	DISTANCE
"Ex.F" to "A"	N. 71°46'53" E.	19.54'
"A" to "B"	S. 56°29'30" E.	356.23'
"B" to "C"	S. 56°29'30" E.	288.09'
"Ex.B" to "D"	N. 39°56'19" W.	162.83'
"D" to "E"	N. 33°29'53" E.	137.99'
"E" to "F"	N. 33°30'30" E.	68.84'
"F" to "G"	S. 70°26'13" E.	251.18'

W.V.W.A. SERVICE LATERAL INFORMATION

LOT	DOWNSIDE MANHOLE	DIST.	TOP OF S.S. MAIN	MIN. F.F. ELEVATION	APPROX. F.F. ELEVATION	WVWA GIS WATER PRESSURE
1	A	252.7	1073.0	1076.0	1080.0	68 psi
2	A	296.8	1074.3	1077.3	1081.0	67 psi
3	A	296.8	1074.3	1077.3	1081.0	67 psi
4	A	340.8	1075.7	1078.7	1082.0	67 psi
5	A	340.8	1075.7	1078.7	1083.0	66 psi
6	B	28.5	1076.7	1079.7	1083.0	66 psi
7	B	28.5	1076.7	1079.7	1084.0	66 psi
8	B	91.7	1078.6	1081.6	1086.0	65 psi
9	B	134.5	1079.7	1082.7	1087.0	65 psi
10	B	134.5	1079.7	1082.7	1087.0	65 psi
11	B	178.5	1080.9	1083.9	1087.0	65 psi
12	B	178.5	1080.9	1083.9	1088.0	64 psi
13	B	222.5	1082.1	1085.1	1088.0	64 psi
14	B	222.5	1082.1	1085.1	1089.0	64 psi
15	B	266.5	1083.3	1086.3	1089.0	64 psi
16	B	266.5	1083.3	1086.3	1089.0	64 psi
17	C	0	1083.9	1086.9	1090.0	63 psi
18	B	59.9	1077.7	1080.7	1084.0	66 psi
19	B	101.2	1078.8	1081.8	1085.0	65 psi
20	B	101.2	1078.8	1081.8	1085.0	65 psi
21	B	145.2	1080.0	1083.0	1085.0	65 psi
22	B	145.2	1080.0	1083.0	1086.0	65 psi
23	B	189.2	1081.2	1084.2	1086.0	65 psi
24	B	189.2	1081.2	1084.2	1087.0	65 psi
25	B	233.2	1082.4	1085.4	1087.0	65 psi
26	B	233.2	1082.4	1085.4	1087.0	65 psi
27	B	273.4	1083.4	1086.4	1088.0	64 psi
APT 'A'	EX.E	286.2	1055.7	1058.7	1076.4	69 psi
APT 'B'	E	0	1058.3	1061.3	1074.4	70 psi
APT 'C'	E	0	1058.3	1061.3	1072.4	71 psi
A	G	0	1068.7	1071.7	1075.0	70 psi
B	EX.C	0	1049.9	1052.9	1080.0	68 psi

STATIONS AND OFFSETS ARE MEASURED ALONG A BASELINE FROM CENTER OF MANHOLE TO CENTER OF MANHOLE WITH 0+00.0 BEING THE BEGINNING AT THE LOWER MANHOLE.

THE MIN. FLOOR ELEVATION IS BASED ON SEC. 200.02-2-G-1-h OF THE WESTERN VIRGINIA WATER AUTHORITY WATER & SEWER REGULATIONS. LOT OWNERS REQUESTING A LOWER SERVICE ELEVATION WILL REQUIRE THE USE OF A PRIVATE SEWAGE PUMP FACILITY, INSTALLED AND MAINTAINED BY THE HOMEOWNER.

PHASE 2 SANITARY STRUCTURE SCHEDULE:

EX.F existing sanitary manhole
top = 1063.47
inv. in = 1056.67
inv. out = 1056.62
shelf = 1057.07
RAISE TOP TO 1072.00
CONVERT TO 5' DIA. INSIDE DROP
INV. @ DROP = 1066.15
VDOT STD. SL-1 = 1065.00
G.C. SHALL VERIFY ALL ELEVATIONS PRIOR TO ADJUSTMENTS AND CONVERSION.

WWA STD. S-1
TOP = 1073.80
INV. IN = 1066.1
INV. OUT = 1066.0

WWA STD. S-1
TOP = 1080.80
INV. IN = 1074.6
INV. OUT = 1074.5

WWA STD. S-1
TOP = 1087.4
INV. OUT = 1082.6

PHASE 1 SANITARY STRUCTURE SCHEDULE:

WWA STD. S-1
TOP = 1058.33
INV. IN = 1052.69
inv. out = 1052.59
G.C. SHALL VERIFY INVERT OF PIPE PRIOR TO SETTING MANHOLE

WWA STD. S-1
TOP = 1069.50
INV. IN = 1057.80
INV. OUT = 1057.70
VDOT STD. SL-1 = 1064.00

WWA STD. S-1
TOP = 1072.50
INV. IN = 1064.20
INV. OUT = 1064.10

WWA STD. S-1
TOP = 1074.00
INV. OUT = 1068.00

PHASE 2 STORM STRUCTURE SCHEDULE:

OMITTED

OMITTED

VDOT STD. DI-1
TOP = 1076.5
INV. OUT = 1069.0

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PHASE 1 STORM STRUCTURE SCHEDULE:

VDOT STD. MH-2
TOP = 1072.0
INV. IN = 1063.0 (#38)
INV. IN = 1060.7 (#25)
INV. OUT = 1060.6

23 LF OF 24" TYPE S HDPE PIPE @ 1.30%

VORTSENTRY VS-70
TOP = 1071.0
INV. IN = 1060.3
INV. OUT = 1060.3

111.7 LF OF 24" TYPE S HDPE PIPE @ 1.16%

24" HDPE END SECTION
INV. = 1059.00

VDOT STD. DI-3B
THROAT=14"
TOP = 1073.51
INV. OUT = 1068.0

27 LF OF 15" TYPE S HDPE PIPE @ 8.52%

VDOT STD. DI-3BB
THROAT=10"
TOP = 1073.81
INV. IN = 1065.7
INV. OUT = 1065.6

36 LF OF 15" TYPE S HDPE PIPE @ 1.11%

VDOT STD. DI-3BB
THROAT=10"
TOP = 1073.20
INV. IN = 1065.2
INV. OUT = 1065.1

45 LF OF 18" TYPE S HDPE PIPE @ 2.44%

VDOT STD. DI-3BB
THROAT=8"
TOP = 1073.20
INV. IN = 1064.0
INV. OUT = 1063.9

23 LF OF 18" TYPE S HDPE PIPE @ 3.91%

VDOT STD. DI-7
TYPE I GRATE
TOP = 1078.5
INV. OUT = 1074.5

NYLOPLAST 12" DROP IN GRATE
TOP = 1074.2
INV. = 1072.2

8 LF OF 8" TYPE S HDPE PIPE @ 8.75%

181 LF OF 15" TYPE S HDPE PIPE @ 1.71%

VDOT STD. MH-2
TOP = 1075.0
INV. IN = 1071.5
INV. IN = 1064.6
INV. OUT = 1064.5

NYLOPLAST 12" DROP IN GRATE
TOP = 1074.8
INV. = 1072.8

56 LF OF 8" TYPE S HDPE PIPE @ 1.61%

NYLOPLAST 12" DROP IN GRATE
TOP = 1074.6
INV. = 1071.9

21 LF OF 8" TYPE S HDPE PIPE @ 9.05%

NYLOPLAST 12" PEDESTRIAN GRATE
TOP = 1075.0
INV. = 1070.0

36 LF OF 8" TYPE S HDPE PIPE @ 15.83%

NYLOPLAST 12" DROP IN GRATE
TOP = 1074.6
INV. = 1072.6

49 LF OF 8" TYPE S HDPE PIPE @ 1.43%

188 LF OF 18" TYPE S HDPE PIPE @ 1.65%

VDOT STD. DI-3BB
THROAT=10"
TOP = 1072.4
INV. OUT = 1064.7

66 LF OF 15" TYPE S HDPE PIPE @ 1.06%

VDOT STD. DI-3BB
THROAT=12"
TOP = 1071.1
INV. IN = 1064.0 (#23)
INV. IN = 1061.4 (#21)
INV. OUT = 1061.3

64 LF OF 24" TYPE S HDPE PIPE @ 0.94%