

DRAINAGE CONSTRUCTION NOTES - DRAINAGE PLAN 2

- 1 STA. 97+01.9, 27.3' LT. - STA. 40+65.6, 26.9' RT.  
CONSTRUCT NEW 18" X 62' PIPE OPTION  
INV. IN = 704.86', INV. OUT = 704.57'  
CONSTRUCT NEW CB (CB-1), RIM = 709.53'  
WITH CAST IRON GRATE, TYPE D
- 2 STA. 40+65.5, 38.4' RT. - STA. 40+65.6, 26.9' RT.  
CONSTRUCT NEW 24" X 12' PIPE OPTION  
INV. IN = 706.37', INV. OUT = 704.37'  
CONSTRUCT NEW HEADWALL (HW-2) AT INLET
- 3 STA. 40+65.6, 26.9' RT. - STA. 40+66.2, 26.1' LT.  
CONSTRUCT NEW 36" X 53' PIPE OPTION  
INV. IN = 703.39', INV. OUT = 702.86'  
CONSTRUCT NEW CB (CB-3), RIM = 709.64'  
6' INSIDE DIAMETER STRUCTURE  
WITH CAST IRON GRATE, TYPE D
- 4 STA. 40+66.2, 26.1' LT. - STA. 40+81.2, 70.6' LT.  
CONSTRUCT NEW 36" X 47' CPEP  
INV. IN = 702.36', INV. OUT = 699.89'  
CONSTRUCT NEW CB (CB-4), RIM = 709.45'  
WITH CAST IRON GRATE, TYPE D  
5' INSIDE DIAMETER STRUCTURE  
CONSTRUCT STONE FILL, TYPE II AT OUTLET
- DP STA. 40+66.2, 26.1' LT. - STA. 95+65.7, 24.3' LT.  
CONSTRUCT NEW 18" X 71' CPEP(SL)  
INV. IN = 701.61', INV. OUT = 700.94'  
INSTALL 8"X18" CPEP(SL) INCREASER AT INLET
- 5 STA. 95+65.7, 24.3' LT. - STA. 95+31.8, 16.7' LT.  
CONSTRUCT NEW 24" X 36' PIPE OPTION  
INV. IN = 700.44', INV. OUT = 700.05'  
CONSTRUCT NEW CB (CB-5), RIM = 707.49'  
WITH CAST IRON GRATE, TYPE D
- 6 STA. 95+31.8, 16.7' LT. - STA. 95+26.4, 43.8' LT.  
CONSTRUCT NEW 24" X 28' PIPE OPTION  
INV. IN = 699.55', INV. OUT = 699.29'  
CONSTRUCT NEW CB (CB-6), RIM = 705.37'  
WITH CAST IRON GRATE, TYPE D  
CONSTRUCT 5' X 5' STONE PAD, TYPE II AT OUTLET
- 7 STA. 94+47.4, 29.6' LT. - STA. 94+47.4, 39.8' RT.  
CONSTRUCT NEW 30" X 70' PIPE OPTION  
INV. IN = 692.10', INV. OUT = 691.75'  
CONSTRUCT NEW CB (CB-7), RIM = 697.85'  
WITH CAST IRON GRATE, TYPE A  
CONSTRUCT 5' X 35' STONE PAD, TYPE II AT OUTLET
- 8 STA. 95+55.1, 73.1' LT. - STA. 95+52.6, 59.2' RT.  
CONSTRUCT NEW 42" X 133' PIPE OPTION  
INV. IN = 694.18', INV. OUT = 691.61'  
CONSTRUCT NEW HEADWALL (HW-8) AT INLET  
CONSTRUCT 7' X 20' STONE PAD, TYPE II AT OUTLET
- 9 STA. 95+31.1, 16.5' RT. - STA. 95+70.2, 25.6' RT.  
CONSTRUCT NEW 18" X 40' PIPE OPTION  
INV. IN = 700.65', INV. OUT = 700.47'  
CONSTRUCT NEW CB (CB-9), RIM = 705.32'  
WITH CAST IRON GRATE, TYPE D
- 10 STA. 62+90.4, 25.9' LT. - STA. 63+12.9, 43.9' LT.  
CONSTRUCT NEW 18" X 29' PIPE OPTION  
INV. IN = 701.30', INV. OUT = 701.17'  
CONSTRUCT NEW CB (CB-10), RIM = 707.61'  
WITH CAST IRON GRATE, TYPE D
- 11 STA. 63+12.9, 43.9' LT. - STA. 95+70.2, 25.6' RT.  
CONSTRUCT NEW 18" X 33' PIPE OPTION  
INV. IN = 700.68', INV. OUT = 700.47'  
CONSTRUCT NEW CB (CB-11), RIM = 707.85'  
WITH CAST IRON GRATE, TYPE D
- 12 STA. 95+70.2, 25.6' RT. - STA. 95+56.8, 59.1' RT.  
CONSTRUCT NEW 18" X 34' CPEP  
INV. IN = 699.97', INV. OUT = 692.05'  
CONSTRUCT NEW CB (CB-12), RIM = 707.55'  
WITH CAST IRON GRATE, TYPE D  
OUTLET TO STONE PAD, TYPE II AT P8
- 13 STA. 97+43.1, 31.9' RT. - STA. 97+02.0, 26.1' RT.  
CONSTRUCT NEW 18" X 41' PIPE OPTION  
INV. IN = 703.32', INV. OUT = 703.14'  
CONSTRUCT NEW CB (CB-13), RIM = 707.99'  
WITH CAST IRON COVER, TYPE A

- 14 STA. 97+02.0, 26.1' RT. - STA. 62+95.0, 25.8' RT.  
CONSTRUCT NEW 18" X 37' PIPE OPTION  
INV. IN = 702.64', INV. OUT = 702.48'  
CONSTRUCT NEW CB (CB-14), RIM = 709.22'  
WITH CAST IRON COVER, TYPE D
- 15 STA. 62+95.0, 25.8' RT. - STA. 62+51.2, 15.6' RT.  
CONSTRUCT NEW 18" X 45' PIPE OPTION  
INV. IN = 701.98', INV. OUT = 700.59'  
CONSTRUCT NEW CB (CB-15), RIM = 708.00'  
WITH CAST IRON GRATE, TYPE D
- 16 STA. 62+22.5, 12.6' RT. - STA. 62+51.2, 15.6' RT.  
CONSTRUCT NEW 18" X 29' PIPE OPTION  
INV. IN = 698.34', INV. OUT = 698.22'  
CONSTRUCT NEW CB (CB-16), RIM = 703.01'  
WITH CAST IRON GRATE, TYPE D
- 17 STA. 62+51.2, 15.6' RT. - STA. 62+72.3, 54.2' LT.  
CONSTRUCT NEW 18" X 71' PIPE OPTION  
INV. IN = 697.72', INV. OUT = 688.55'  
CONSTRUCT NEW CB (CB-17), RIM = 705.26'  
WITH CAST IRON GRATE, TYPE D  
CONSTRUCT 3' X 6' STONE PAD, TYPE II AT OUTLET
- 18 STA. 62+20.5, 22.6' RT. - STA. 61+70.2, 20.3' RT.  
CONSTRUCT NEW 15" X 50' PIPE OPTION  
INV. IN = 697.46', INV. OUT = 697.35'  
CONSTRUCT NEW CB (CB-18), RIM = 700.87'  
WITH CAST IRON GRATE, TYPE A
- 19 NOT USED
- 20 SEE CONSTRUCTION NOTE ON DRAINAGE PLAN 5.
- 21 SEE CONSTRUCTION NOTE ON DRAINAGE PLAN 4
- 22 STA. 41+29.0, 22.4' RT. - STA. 41+26.2, 19.6' LT.  
CONSTRUCT NEW 24" X 42' PIPE OPTION  
INV. IN = 706.03', INV. OUT = 705.84'  
CONSTRUCT NEW DI(DI-22), RIM = 710.43'  
WITH DOUBLE CAST IRON GRATES, TYPE A
- 23 STA. 41+26.2, 19.6' LT. - STA. 41+29.2, 19.6' LT.  
CONSTRUCT NEW 24" X 77' CPEP  
INV. IN = 705.34', INV. OUT = 696.48'  
CONSTRUCT NEW CB (MH-23) WITH COVER, RIM = 710.66'

← SECOND GRATE/FRA  
604.45 (IEA.) PAID AS

EXISTING DRAINAGE NOTES - DRAINAGE PLAN 2

- 1 STA. 96+95.8, 42.8' LT. - STA. 95+77.1, 59.3' LT.  
REMOVE EXISTING DRAINAGE STRUCTURE AND CULVERT
- 2 STA. 95+75.1, 58.8' LT. - STA. 62+88.1, 64.8' LT.  
PLUG AND ABANDON EXISTING DRAINAGE STRUCTURE  
AND CULVERT; PLUG WITH FLOWABLE FILL
- 3 STA. 62+69.2, 73.2' RT. - STA. 62+72.1, 57.4' LT.  
REMOVE EXISTING DRAINAGE STRUCTURE AND CULVERT
- 4 STA. 62+19.0, 37.5' RT. - STA. 61+90.7, 25.6' RT.  
REMOVE EXISTING DRIVE CULVERT
- 5 STA. 41+28.8, 30.6' RT. - STA. 41+09.0, 35.8' RT.  
REMOVE EXISTING DRIVE CULVERT

UNDERDRAIN CONSTRUCTION NOTES - DRAINAGE PLAN 2

- U1 STA. 97+01.9, 27.3' LT. - STA. 102+46.1, 24.1' LT.  
CONSTRUCT NEW 6" X 551' UNDERDRAIN PIPE  
INV. IN = 725.30', INV. OUT = 704.96'  
CONSTRUCT NEW FLUSHING BASINS AT 99+02, LT.,  
100+77, LT., AND 102+46, LT.
- U2 STA. 97+02.1, 26.1' RT. - STA. 102+45.9, 25.8' RT.  
CONSTRUCT NEW 6" X 539' UNDERDRAIN PIPE  
INV. IN = 724.38', INV. OUT = 702.74'  
CONSTRUCT NEW FLUSHING BASINS AT 99+02, RT.,  
100+77, RT., AND 102+46, RT.
- U3 STA. 62+95.0, 25.8' RT. - STA. 97+02.7, 31.7' RT.  
CONSTRUCT NEW 6" X 35' UNDERDRAIN PIPE  
INV. IN = 706.00', INV. OUT = 703.42'  
CONSTRUCT NEW FLUSHING BASINS IN CB-14 AT 97+02, RT.
- U4 STA. 62+51.2, 15.6' RT. - STA. 62+92.4, 29.7' RT.  
CONSTRUCT NEW 6" X 45' UNDERDRAIN PIPE  
INV. IN = 704.20', INV. OUT = 700.16'  
CONSTRUCT NEW FLUSHING BASINS IN CB-15 AT 62+95, RT.
- U5 STA. 62+22.5, 12.6' RT. - STA. 62+48.3, 18.8' RT.  
CONSTRUCT NEW 6" X 26' UNDERDRAIN PIPE  
INV. IN = 702.00', INV. OUT = 698.50'  
CONSTRUCT NEW FLUSHING BASINS AT 62+48.3, RT.
- U6 STA. 61+41.9, 13.5' RT. - STA. 62+00.8, 15.8' RT.  
CONSTRUCT NEW 6" X 59' UNDERDRAIN PIPE  
INV. IN = 694.07', INV. OUT = 692.83'  
CONSTRUCT NEW FLUSHING BASINS AT 62+00.8, RT.
- U7 SEE CONSTRUCTION NOTE ON DRAINAGE PLAN 5.
- U8 SEE CONSTRUCTION NOTE ON DRAINAGE PLAN 5.
- U9 STA. 40+65.6, 26.9' RT. - STA. 41+29.0, 22.4' RT.  
CONSTRUCT NEW 6" X 150' UNDERDRAIN PIPE  
INV. IN = 712.50', INV. OUT = 706.15'  
CONSTRUCT NEW FLUSHING BASINS AT 42+76.8, RT.
- U10 STA. 41+29.0, 22.4' RT. - STA. 41+09.9, 18.9' RT.  
CONSTRUCT NEW 6" X 44' UNDERDRAIN PIPE  
INV. IN = 706.00', INV. OUT = 703.39'  
CONSTRUCT NEW FLUSHING BASINS AT 41+09.9, RT.

NOTES:

1. THE INCREASER SHALL BE INSTALLED AT INV. = 701.61'.
2. SEE STORMWATER TREATMENT DETAILS SHEET FOR DETAIL OF THE DIVERSION PIPE AND INCREASER.
3. THE INCREASER SHALL BE PAID FOR UNDER PAY ITEM NO. 900.620 - SPECIAL PROVISION (STORMWATER DIVERSION PIPE).

PROJECT NAME: HYDE PARK  
PROJECT NUMBER: HES 030-2(23)

FILE NAME: +08b126bdr.dgn	PLOT DATE: 08-DEC-2010
PROJECT LEADER: JLS	DRAWN BY: MBL
DESIGNED BY: MBL	CHECKED BY: JAD
DRAINAGE PLAN 6	SHEET 30 OF 100