

US 4 E:

- B1 STA 332+75.0, LT 12.9' TO STA 332+75.0, RT 13.3'  
CONSTRUCT 23' x 15" RCP  
CONSTRUCT CB-B, ECCENTRIC CONE @ +75.0, RT 13.3'  
15" INV. OUT = 345.09  
15" INV. IN = 345.34  
GRATE ELEV. = 350.41
- B2 STA 334+50.0, LT 24.0' TO STA 332+75.0, LT 12.9'  
CONSTRUCT 170' x 15" RCP  
CONSTRUCT CB-B @ +75.0, LT 12.9'  
15" INV. OUT = 344.65  
15" INV. IN (S) = 344.90  
12" INV. IN (N) = 346.21  
GRATE ELEV. = 350.22
- B3 STA 332+75.0, LT 12.9' TO STA 332+75.0, LT 32.8'  
CONSTRUCT 16' x 12" PLASTIC PIPE (SMOOTH INTERIOR)  
CONSTRUCT CB-B @ +75.0, LT 32.8'  
12" INV. OUT = 347.14  
GRATE ELEV. = 351.27
- B4 STA 332+75.0, RT 13.3' TO STA 333+00.0, RT 27.5'  
CONSTRUCT 25' x 12" RCP  
CORE 12" OPENING IN RETAINING WALL (SUBSIDIARY)  
CONSTRUCT SLAB TOP CB-B @ +00.0, RT 27.5'  
12" INV. OUT = 346.50  
GRATE ELEV. = 352.54
- B5 STA 334+90.0, RT 16.7' TO STA 334+30.0, RT 20.7'  
CONSTRUCT 57' x 18" RCP  
CONSTRUCT CB-F @ +30.0, RT 20.7'  
18" INV. OUT = 344.07  
15" INV. IN (W) = 344.32  
12" INV. IN (S) = 350.98  
GRATE ELEV. = 354.99
- B6 STA 334+75.6, LT 18.0' TO STA 334+50.0, LT 24.0'  
CONSTRUCT 23' x 15" RCP  
CONSTRUCT CB-F @ +50.0, LT 24.0'  
15" INV. OUT = 343.55  
15" INV. IN = 343.80  
GRATE ELEV. = 355.56
- B7 STA 334+75.6, LT 29.0' TO STA 334+75.6, LT 18.0'  
CONSTRUCT 7' x 15" PLASTIC PIPE (SMOOTH INTERIOR)  
CONSTRUCT CB-F @ +75.6, LT 18.0'  
15" INV. OUT = 343.18  
15" INV. IN = 343.43  
GRATE ELEV. = 356.49
- B8 STA 334+90.0, LT 31.2' TO STA 334+75.6, LT 29.0'  
CONSTRUCT 11' x 15" PLASTIC PIPE (SMOOTH INTERIOR)  
CONSTRUCT WOU @ +75.6, LT 29.0'  
15" INV. OUT = 342.89  
15" INV. IN = 343.14  
GRATE ELEV. = 357.04
- B9 STA 334+90.0, LT 31.2' TO STA 334+90.0, RT 16.7'  
CONSTRUCT 44' x 18" RCP  
CONSTRUCT CB-F @ +90.0, RT 16.7'  
18" INV. OUT = 343.53  
18" INV. IN = 343.78  
GRATE ELEV. = 356.98
- B10 STA 335+47.6, LT 50.5' TO STA 334+90.0, LT 31.2'  
CONSTRUCT 59' x 24" PIPE FOR SLOPE DRAIN  
CONSTRUCT 24" ALUMINIZED STEEL END SECTION @ +47.6, LT 50.5'  
INV. @ PIPE = 326.50  
CONSTRUCT CLASS B STONE FILL AT PIPE OUTLET  
(SEE DETAIL SHEET XX)  
CONSTRUCT DMH @ +90.0, LT 31.2'  
24" INV. OUT = 342.08  
18" INV. IN (S) = 342.58  
15" INV. IN (W) = 342.83  
GRATE ELEV. = 356.17
- B11 STA 340+23.0, LT 16.0' TO STA 339+75.0, LT 16.0'  
CONSTRUCT 45' x 15" RCP  
CONSTRUCT DI-B @ +75.0, LT 16.0'  
15" INV. OUT = 354.36  
GRATE ELEV. = 359.68
- B12 STA 340+37.0, LT 16.0' TO STA 340+23.0, LT 16.0'  
CONSTRUCT 10' x 15" RCP  
CONSTRUCT CB-B @ +23.0, LT 16.0'  
15" INV. OUT = 353.61  
15" INV. IN = 353.86  
GRATE ELEV. = 359.18

US 4 E:

- B13 STA 340+37.0, RT 16.0' TO STA 340+37.0, LT 16.0'  
CONSTRUCT 28' x 15" RCP  
CONSTRUCT CB-B @ +37.0, LT 16.0'  
15" INV. OUT = 352.38  
15" INV. IN (E) = 353.50  
15" INV. IN (W) = 353.50  
GRATE ELEV. = 359.15
- B14 STA 340+37.0, LT 16.0' TO STA 340+57.0, LT 16.0'  
CONSTRUCT 16' x 15" RCP  
CONSTRUCT CB-B @ +57.0, LT 16.0'  
15" INV. OUT = 354.02  
GRATE ELEV. = 359.34
- B15 STA 340+21.0, RT 16.0'  
CONSTRUCT CB-B @ +21.0, RT 16.0'  
CONNECT EXIST. PIPE (SUBSIDIARY)  
CONSTRUCT CLASS C STONE FILL AT PIPE OUTLET  
(SEE DETAIL SHT. NO. XX)  
EXIST. 15" INV. OUT = 351.62  
15" INV. IN = 351.87  
GRATE ELEV. = 359.19
- B16 STA 340+21.0, RT 16.0' TO STA 340+37.0, RT 16.0'  
CONSTRUCT 12' x 15" RCP  
CONSTRUCT CB-B, ECCENTRIC CONE @ +37.0, RT 16.0'  
15" INV. OUT = 351.99  
15" INV. IN (N) = 352.24  
15" INV. IN (E) = 353.50  
GRATE ELEV. = 359.15
- B17 STA 340+37.0, RT 16.0' TO STA 340+57.0, RT 16.0'  
CONSTRUCT 16' x 15" RCP  
CONSTRUCT CB-B @ +57.0, RT 16.0'  
15" INV. OUT = 353.89  
GRATE ELEV. = 359.21
- B18 STA 74+25.0, RT 15.5' TRANS. ST. DRIVE @ TO STA 341+92.1, RT 17.3'  
CONSTRUCT 79' x 30" PLASTIC PIPE (CORR. INTERIOR)  
CONSTRUCT 5' DIA. CB-F @ +92.1, RT 17.3'  
30" INV. OUT = 353.25  
30" INV. IN = 355.83  
GRATE ELEV. = 362.36
- B19 STA 341+92.1, RT 17.3' TO STA 342+03.0, RT 16.0'  
CONSTRUCT 6' x 30" RCP  
CONSTRUCT 5' DIA. CB-F @ +03.0, RT 16.0'  
30" INV. OUT = 355.94  
30" INV. IN = 356.19  
GRATE ELEV. = 362.86
- B20 STA 74+08.5, LT 113.5' TRANSFER STA. DR. @ TO STA 341+94.3, LT 6.0'  
CONSTRUCT 275' x 36" PLASTIC PIPE (CORR. INTERIOR)  
CONSTRUCT 36" ALUMINIZED STEEL END SECTION @ +08.5, LT 113.5'  
INV. @ PIPE = 330.94  
CONSTRUCT CLASS B STONE FILL AT PIPE OUTLET  
(SEE DETAIL SHT. NO. XX)  
CONSTRUCT 5' DIA. DMH @ +94.3 LT 6.0'  
36" INV. OUT = 352.65  
36" INV. IN = 353.65  
GRATE ELEV. = 362.86
- B21 NOT USED
- B22 STA 342+28.0, LT 6.0' TO STA 342+28.0, LT 16.0'  
CONSTRUCT 35' x 36" PLASTIC PIPE (CORR. INTERIOR)  
CONSTRUCT 5' DIA. CB-F @ +28.0, LT 16.0'  
36" INV. OUT = 355.86  
36" INV. IN = 356.11  
GRATE ELEV. = 364.39
- B23 STA 342+03.0, RT 16.0' TO STA 342+53.9, RT 16.0'  
CONSTRUCT 46' x 30" RCP  
CONSTRUCT 5' DIA. CB-F @ +53.9, RT 16.0'  
CONNECT EXIST. PIPE (SUBSIDIARY)  
30" INV. OUT = 356.70  
24" INV. IN (E) = 359.36  
EXIST. 12" INV. IN (S) = 361.73  
GRATE ELEV. = 365.49
- B24 NOT USED

US 4 E:

- B25 STA 343+25.0, RT 15.0' TO STA 343+80.0, RT 14.4'  
CONSTRUCT 50' x 24" PLASTIC PIPE (CORR. INTERIOR)  
CONSTRUCT ECCENTRIC CONE CB-F @ +80.0, RT 14.4'  
CONNECT EXIST 6" PVC (SUBSIDIARY)  
24" INV. OUT = 367.00  
24" INV. IN (E) = 368.25  
15" INV. IN (N) = 369.00  
GRATE ELEV. = 374.85
- B26 STA 343+80.0, RT 14.4' TO STA 343+80.0, LT 14.0'  
CONSTRUCT 25' x 15" RCP  
CONSTRUCT CB-F @ +80.0, LT 14.0'  
15" INV. OUT = 369.49  
GRATE ELEV. = 374.81
- B27 STA 346+18.3, RT 18.4' TO STA 346+18.3, RT 28.0'  
CONSTRUCT 5' x 15" PLASTIC PIPE (SMOOTH INTERIOR)  
CONSTRUCT CB-F @ +18.3, RT 28.0'  
15" INV. OUT = 388.25  
GRATE ELEV. = 393.01
- B28 STA 343+80.0, RT 14.4' TO STA 346+18.3, RT 18.4'  
CONSTRUCT 234' x 24" PLASTIC PIPE (CORR. INTERIOR)  
CONSTRUCT 6' DIA. DMH @ +18.3, RT 18.4"  
CONNECT EXIST. PIPE (SUBSIDIARY)  
24" INV. OUT = 384.50  
15" INV. IN (N) = 387.75  
24" INV. IN (E) = 384.70  
15" INV. IN (W) = 388.15  
EXIST. 15" INV. IN (S) = 388.15  
GRATE ELEV. = 393.13
- B29 STA 346+18.3, RT 18.4' TO STA 346+18.3, LT 13.7'  
CONSTRUCT 28' x 15" RCP  
CONSTRUCT CB-F @ +18.3, LT 13.7'  
15" INV. OUT = 388.05  
GRATE ELEV. = 393.39
- B30 STA 347+68.0, RT 18.4' TO STA 347+74.0, RT 23.8'  
CONSTRUCT 4' x 15" RCP  
CONSTRUCT CB-B @ +74.0, RT 23.8'  
15" INV. OUT = 392.27  
GRATE ELEV. = 397.59
- B31 STA 347+68.0, RT 18.4' TO STA 347+95.8, LT 19.1'  
CONSTRUCT 43' x 18" RCP  
CONSTRUCT CB-B @ +95.8, LT 19.1'  
CONNECT EXIST. PIPE (SUBSIDIARY)  
18" INV. OUT = 391.65  
EXIST. 18" INV. IN = 391.90  
GRATE ELEV. = 397.95
- B32 STA 334+30.0, RT 20.7' TO STA 333+81.7, RT 4.9'  
CONSTRUCT 47' x 15" RCP  
CONSTRUCT DMH @ +81.7, RT 4.9'  
CONNECT EXIST. PIPE (SUBSIDIARY)  
15" INV. OUT = 344.56  
EXIST. 15" INV. IN = 344.81  
GRATE ELEV. = 353.76
- B33 STA 334+30.0, RT 20.7' TO STA 334+30.0, RT 31.2'  
CONSTRUCT 7' x 12" PLASTIC PIPE (SMOOTH INTERIOR)  
CONSTRUCT CB-F @ +30.0, RT 31.2'  
12" INV. OUT = 351.15  
GRATE ELEV. = 355.28
- B34 STA 342+53.9, RT 16.0' TO STA 343+25.0, RT 15.0'  
CONSTRUCT 66' x 24" PLASTIC PIPE (CORR. INTERIOR)  
CONSTRUCT CB-F @ +25.0, RT 15.0'  
24" INV. OUT = 362.90  
24" INV. IN = 364.29  
GRATE ELEV. = 370.36
- B35 STA 346+18.3, RT 18.4' TO STA 347+68.0, RT 18.4'  
CONSTRUCT 146' x 24" PLASTIC PIPE (CORR. INTERIOR)  
CONSTRUCT 5' DIA. DMH @ +68.0, RT 18.4'  
24" INV. OUT = 390.70  
18" INV. IN (E) = 391.20  
15" INV. IN (S) = 392.15  
GRATE ELEV. = 397.56

TRANSFER STATION DRIVEWAY @:

- T1 STA 73+74.0, RT 15.5' TO STA 74+25.0, RT 15.5'  
CONSTRUCT 46' x 30" PLASTIC PIPE (CORR. INTERIOR)  
CONSTRUCT 5' DIA. DMH @ +25.0, RT 15.5'  
30" INV. OUT = 347.45  
30" INV. IN = 350.39  
GRATE ELEV. = 355.43
- T2 STA 73+74.0, RT 15.5' TO STA 73+74.0, LT 11.0'  
CONSTRUCT 22' x 12" PLASTIC PIPE (SMOOTH INTERIOR)  
CONSTRUCT CB-F @ +74.0, LT 11.0'  
12" INV. OUT = 347.80  
GRATE ELEV. = 352.39
- T3 STA 73+19.0, RT 34.0' TO STA 73+74.0, RT 15.5'  
CONSTRUCT 54' x 30" PLASTIC PIPE (CORR. INTERIOR)  
CONSTRUCT 30" ALUMINIZED STEEL END SECTION @ +19.0, RT 34.0'  
INV. @ PIPE = 342.00  
CONSTRUCT CLASS C STONE FILL AT PIPE OUTLET  
(SEE DETAIL SHT. NO. XX)  
CONSTRUCT 5' DIA. DMH @ +74.0, RT 15.5'  
30" INV. OUT = 344.00  
30" INV. IN (N) = 346.00  
12" INV. IN (W) = 347.50  
GRATE ELEV. = 351.85
- T4 STA 72+51.4, RT 27.7' TO STA 72+51.4, LT 11.0'  
CONSTRUCT 37' x 12" PLASTIC PIPE (SMOOTH INTERIOR)  
CONSTRUCT 12" ALUMINIZED STEEL END SECTION @ +51.4, RT 27.7'  
INV. @ PIPE = 342.00  
CONSTRUCT CLASS C STONE FILL AT PIPE OUTLET  
(SEE DETAIL SHT. NO. XX)  
CONSTRUCT CB-B @ +51.4, LT 11.0'  
12" INV. OUT = 343.00  
GRATE ELEV. = 347.05
- T5 STA 71+50.0, LT 56.1' TO STA 71+50.0, RT 50.0'  
CONSTRUCT 104' x 30" RCP  
CONSTRUCT 30" RC END SECTION @ +50.0, LT 56.1'  
INV. @ PIPE = 337.00  
CONSTRUCT OUTLET CONTROL STRUCTURE @ +50.0, RT 50.0'  
(SEE DETAIL SHEET XX)  
15" INV. OUT = 339.00  
GRATE ELEV. = 344.40

CRAFTS AVENUE @:

- C1 STA 342+28.0, LT 16.0' US 4 @ TO STA 400+28.0, LT 18.2'  
CONSTRUCT 89' x 36" PLASTIC PIPE (CORR. INTERIOR)  
CONSTRUCT 5' DIA. CB-F @ +28.0, LT 18.2'  
36" INV. OUT = 361.78  
36" INV. OUT = 362.03  
GRATE ELEV. = 371.85
- C2 STA 400+58.0, LT 2.4' TO STA 400+58.0, RT 14.1'  
CONSTRUCT 12' x 15" RCP  
CONSTRUCT CB-F @ +58.0, RT 14.1'  
15" INV. OUT = 366.62  
GRATE ELEV. = 373.94
- C3 STA 400+58.0, LT 2.4' TO STA 400+58.0, LT 13.1'  
CONSTRUCT 7' x 15" RCP  
CONSTRUCT CB-F @ +58.0, LT 13.1'  
15" INV. OUT = 368.64  
GRATE ELEV. = 373.96
- C4 STA 400+37.1, LT 3.9' TO STA 400+58.0, LT 2.4'  
CONSTRUCT 16' x 36" PLASTIC PIPE (CORR. INTERIOR)  
CONSTRUCT 5' DIA. DMH @ +58.0, LT 2.4'  
CONNECT EXIST. PIPE (SUBSIDIARY)  
36" INV. OUT = 364.75  
EXIST. 36" INV. IN (N) =  
15" INV. IN (W) = 368.45  
15" INV. IN (E) = 366.45  
GRATE ELEV. = 374.20
- C5 STA 400+28.0, LT 18.2' TO STA 400+37.1, LT 3.9'  
CONSTRUCT 12' x 36" PLASTIC PIPE (CORR. INTERIOR)  
CONSTRUCT 6' DIA. DMH @ +37.1, LT 3.9'  
36" INV. OUT = 362.74  
36" INV. IN = 363.04  
GRATE ELEV. = 372.12

PROJECT NAME: HARTFORD - LEBANON

PROJECT NUMBER: BRF A000 (627)

FILE NAME: r07b284Drain Notes.dgn

PROJECT LEADER: S. FARNSWORTH / VT.

DESIGNED BY:

PLOT DATE: 11-APR-2012

DRAWN BY: M R

CHECKED BY: J B

ROW SHEET 7 OF 10