

DUCTILE IRON PIPE, CEMENT LINED (8")

STA. 102+18 - STA. 102+33, RT
 STA. 103+95 - STA. 104+34, RT

GATE VALVE WITH VALVE BOX (8")

STA. 102+17, RT TOWN WET TAP
 STA. 102+30, RT
 STA. 104+01, RT NEW VALVE

ADJUST ELEVATION OF VALVE BOX

STA. 104+34, RT
 STA. 104+39, RT

SPECIAL PROVISION (WATER MAIN ON BRIDGE) (8")

STA. 102+33 - STA. 103+95, RT

JUNCTION BOX

STA. 102+34, 18.8' LT
 STA. 102+60, 19.9' RT
 STA. 103+57, 19.1' LT
 STA. 103+82, 19.9' RT

NEW LUMINAIRE & REMOVE AND RESET LIGHT POLE

STA. 102+35, LT
 STA. 102+67, RT*
 STA. 103+51, LT
 STA. 103+82, RT

CHANGING ELEVATION OF SEWER MANHOLES

STA. 101+89, RT

WIRED CONDUIT (2") (PVC) & ELECTRICAL CONDUIT SLEEVE (6") (PVC)

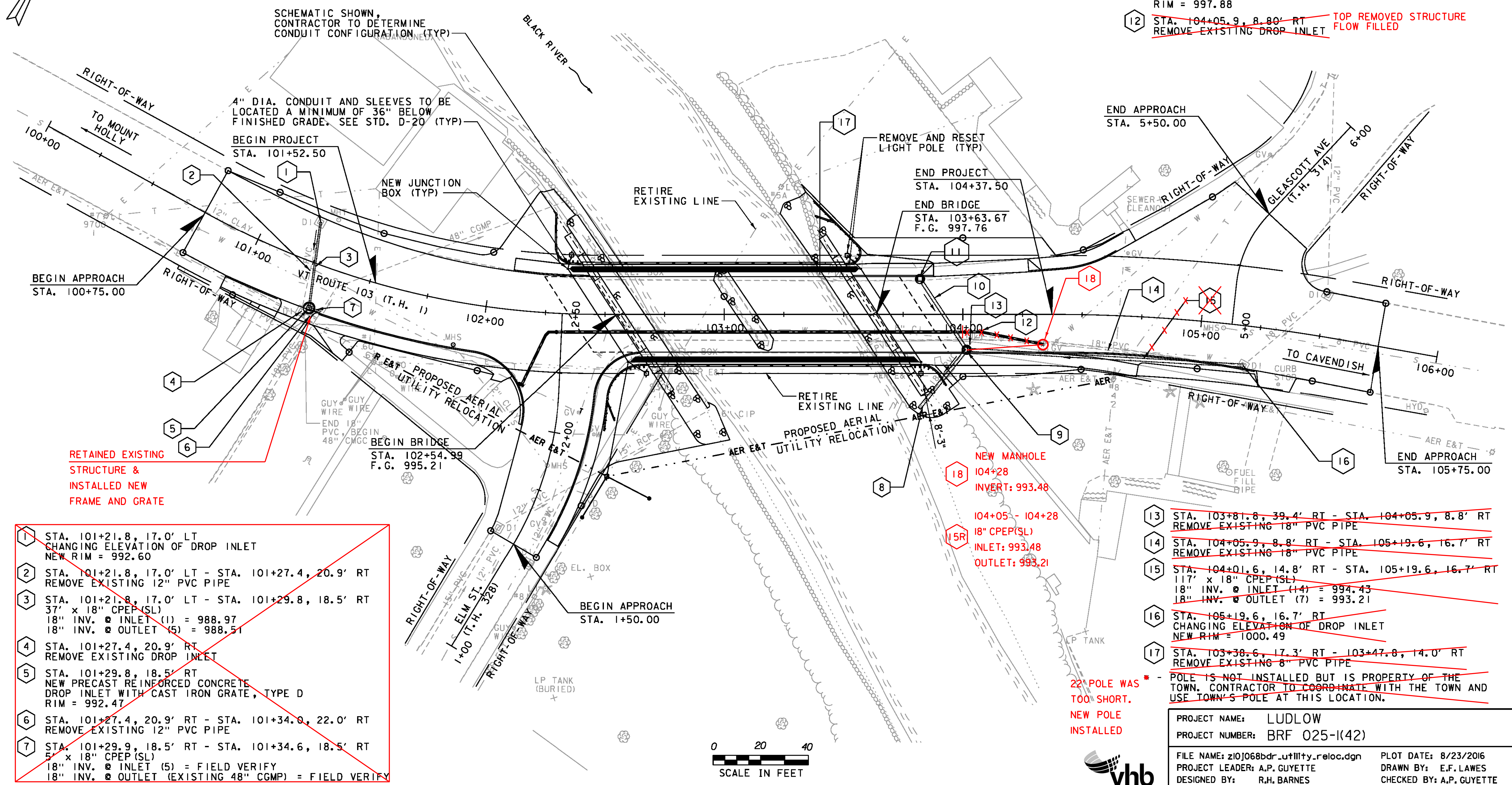
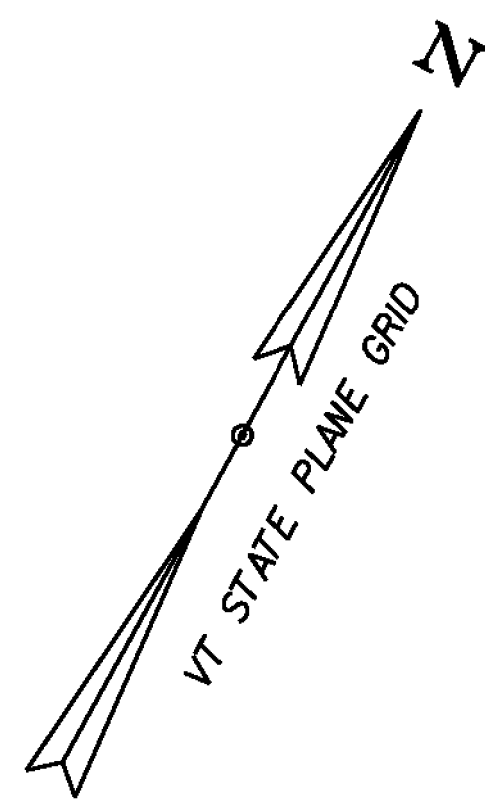
STA. 102+34, LT - 102+60, RT
 STA. 1+88, RT - 102+60, RT
 STA. 102+60, RT - 102+82, RT (NO SLEEVE)
 STA. 102+82, RT - 103+57, LT
 STA. 102+82, RT (5')
 STA. 103+51, LT - 103+57, LT

ELECTRICAL CONDUIT (4") (PVC)

STA. 102+34 - 102+57, LT (6-EA) 5 EA
 STA. 102+60 - 103+82, RT (6-EA) 5 EA

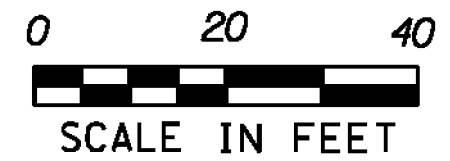
NOTE: EXTEND BRIDGE CONDUIT INTO JUNCTION BOXES ON ALL CORNERS OF THE BRIDGE.

- 8 STA. 103+81.8, 39.4' RT - STA. 104+01.6, 14.8' RT REMOVE EXISTING 18" PVC PIPE 32" x 18" CPEP (SL) 18" INV. @ INLET (7) = 993.11 18" INV. @ OUTLET (39.4' RT) = 991.87
- 9 STA. 104+01.6, 14.8' RT NEW PRECAST REINFORCED CONCRETE DROP INLET WITH CAST IRON GRATE, TYPE D RIM = 998.28
- 10 STA. 103+82.1, 14.8' LT - STA. 104+01.6, 14.8' RT 34" x 18" CPEP (SL) 18" INV. @ INLET (9) = 993.90 18" INV. @ OUTLET (7) = 993.21
- 11 STA. 103+82.1, 14.8' LT NEW PRECAST REINFORCED CONCRETE DROP INLET WITH CAST IRON GRATE, TYPE D RIM = 997.88
- 12 STA. 104+05.9, 8.80' RT TOP REMOVED STRUCTURE FLOW FILLED REMOVE EXISTING DROP INLET



RETAINED EXISTING STRUCTURE & INSTALLED NEW FRAME AND GRATE

- 1 STA. 101+21.8, 17.0' LT CHANGING ELEVATION OF DROP INLET NEW RIM = 992.60
- 2 STA. 101+21.8, 17.0' LT - STA. 101+27.4, 20.9' RT REMOVE EXISTING 12" PVC PIPE
- 3 STA. 101+21.8, 17.0' LT - STA. 101+29.8, 18.5' RT 37" x 18" CPEP (SL) 18" INV. @ INLET (1) = 988.97 18" INV. @ OUTLET (5) = 988.51
- 4 STA. 101+27.4, 20.9' RT REMOVE EXISTING DROP INLET
- 5 STA. 101+29.8, 18.5' RT NEW PRECAST REINFORCED CONCRETE DROP INLET WITH CAST IRON GRATE, TYPE D RIM = 992.47
- 6 STA. 101+27.4, 20.9' RT - STA. 101+34.0, 22.0' RT REMOVE EXISTING 12" PVC PIPE
- 7 STA. 101+29.9, 18.5' RT - STA. 101+34.6, 18.5' RT 5" x 18" CPEP (SL) 18" INV. @ INLET (5) = FIELD VERIFY 18" INV. @ OUTLET (EXISTING 48" CGMP) = FIELD VERIFY



22' POLE WAS TOO SHORT. NEW POLE INSTALLED

- 13 STA. 103+81.8, 39.4' RT - STA. 104+05.9, 8.8' RT REMOVE EXISTING 18" PVC PIPE
- 14 STA. 104+05.9, 8.8' RT - STA. 105+19.6, 16.7' RT REMOVE EXISTING 18" PVC PIPE
- 15 STA. 104+01.6, 14.8' RT - STA. 105+19.6, 16.7' RT 117" x 18" CPEP (SL) 18" INV. @ INLET (14) = 994.43 18" INV. @ OUTLET (7) = 993.21
- 16 STA. 105+19.6, 16.7' RT CHANGING ELEVATION OF DROP INLET NEW RIM = 1000.49
- 17 STA. 103+38.6, 17.3' RT - 103+47.8, 14.0' RT REMOVE EXISTING 8" PVC PIPE

PROJECT NAME:	LUDLOW	PLOT DATE:	8/23/2016
PROJECT NUMBER:	BRF 025-1(42)	DRAWN BY:	E.F. LAWES
FILE NAME:	z10j068bdr_utility_reloc.dgn	CHECKED BY:	A.P. GUYETTE
DESIGNED BY:	R.H. BARNES	UTILITY LAYOUT SHEET	SHEET 23 OF 73