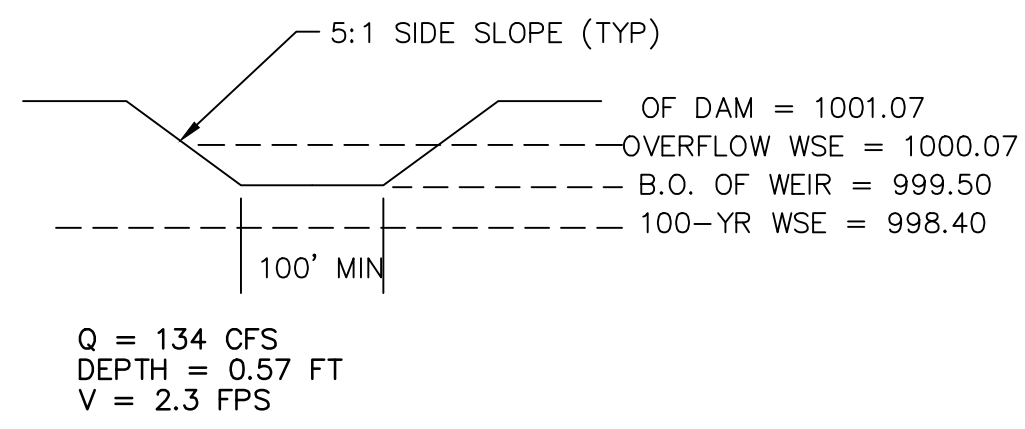


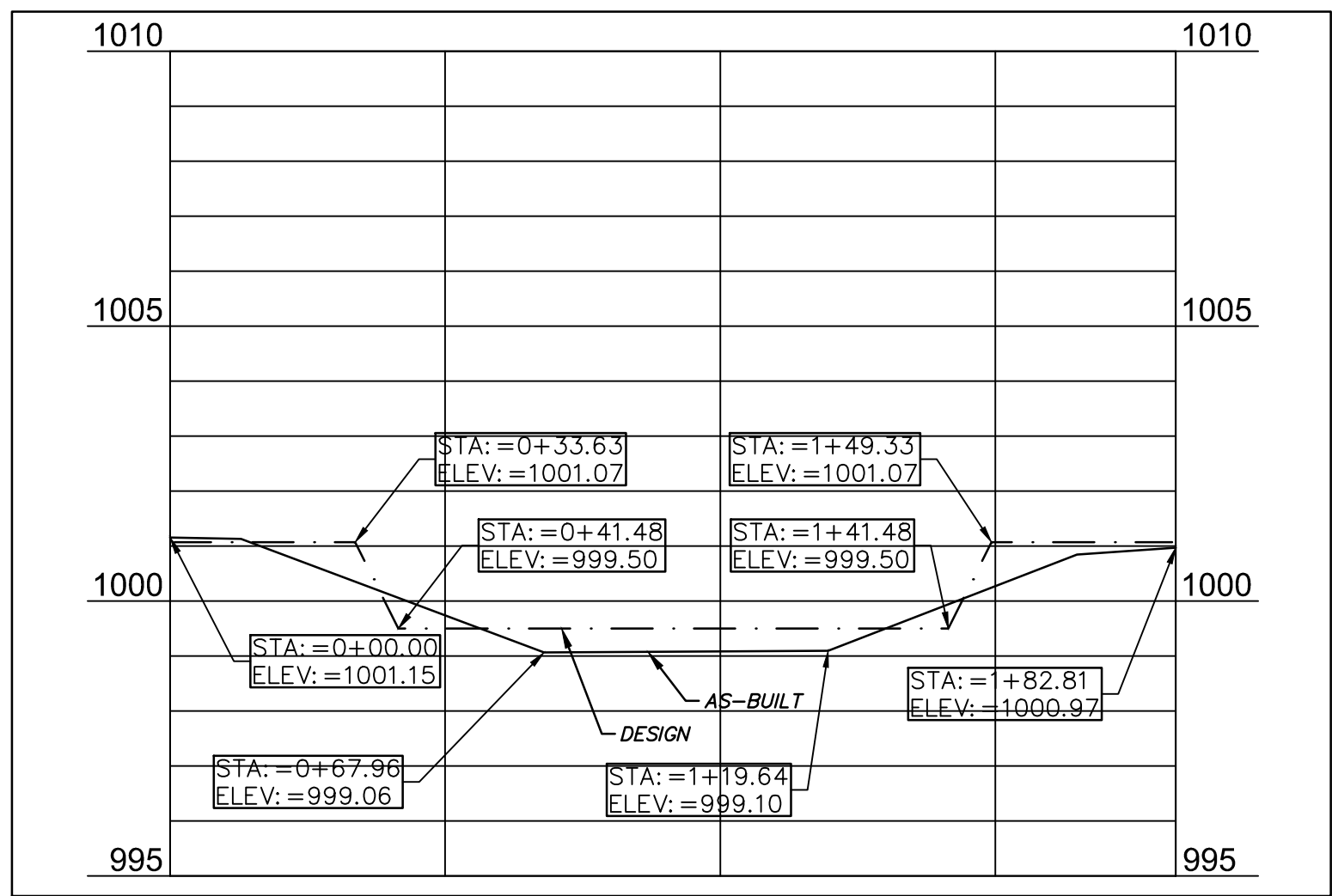
DWG: F:\2020\0001-0500\0200-0103\40-Design\AutoCAD\Final Plans\Sheets\CONSTRUCTION DOCUMENTS\C_GRD02_0200103.dwg
DATE: Aug 09, 2022 12:27pm XREFS: C:\BASE_0200103 C:\PTBLK_0200103 C:\PBASE_0200103 T_PBASE_0200103 T_PBASE_0200103 T_PBASE_0200103
USER: kerice T_PBASE_0200103 V_XALT_00103 C_PSRF_cabit_basin_0200103 AS_BUILT_Detention Ponds

CONTRACTOR NOTE:

ALL TEMPORARY SILTATION BASINS, SEDIMENT BASINS AND DETENTION BASINS MUST BE CONSTRUCTED PRIOR TO ANY OTHER IMPROVMENTS.



EDD-3
EMERGENCY SPILLWAY DETAIL



EDD-3 EMERGENCY SPILLWAY DETAIL
(DESIGN VS AS-BUILT)

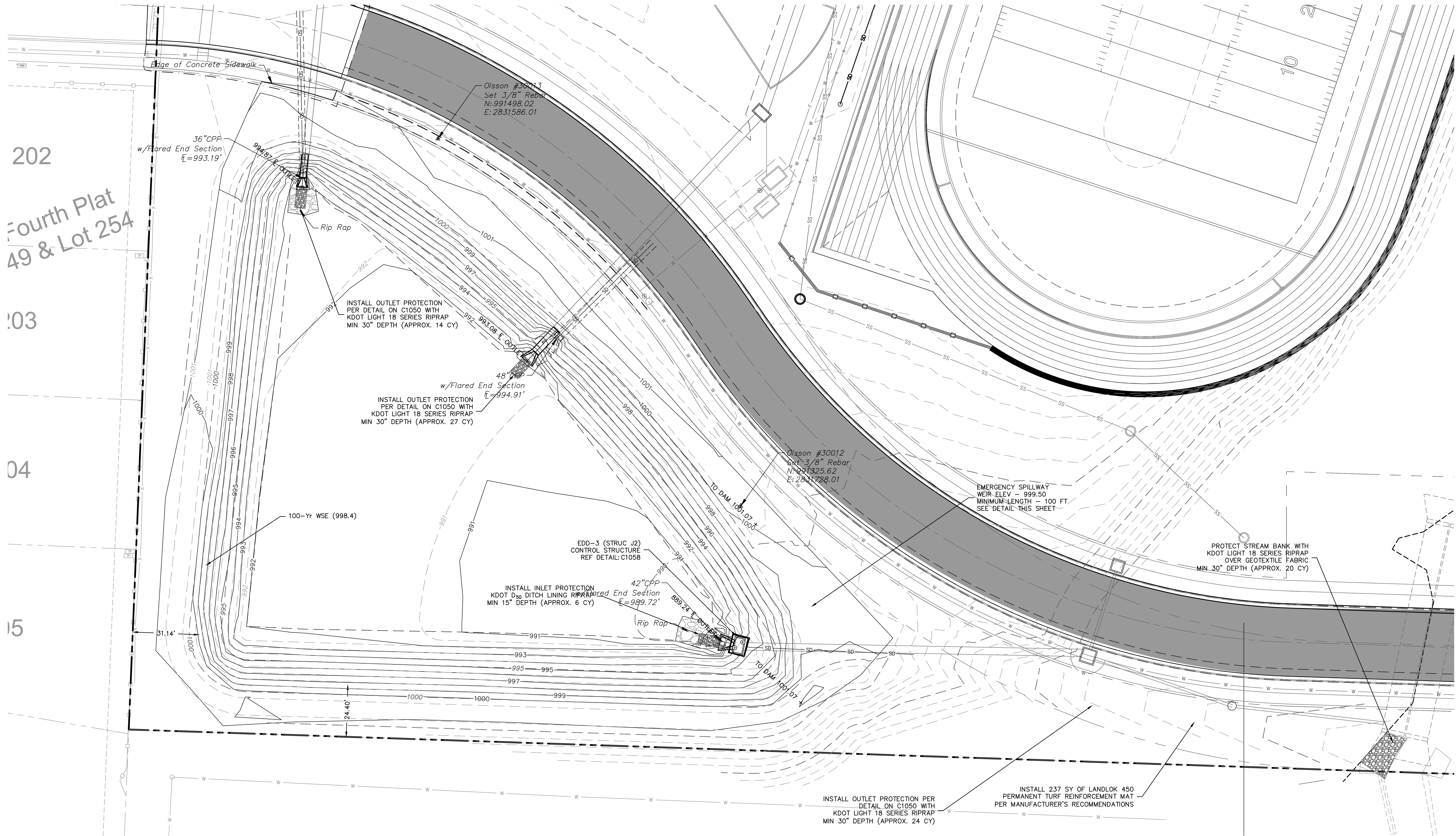
DESIGN VS AS-BUILT DETENTION AREA		
ELEVATION	DESIGN AREA (ACRES)	AS-BUILT AREA (ACRES)
989	0.00	0.00
990	0.04	0.01
991	0.28	0.27
992	0.65	0.63
993	0.76	0.76
994	0.82	0.84
995	0.88	0.91
996	0.93	0.98
997	0.99	1.04
998	1.06	1.10
999	1.12	1.14
1000	1.23	1.26



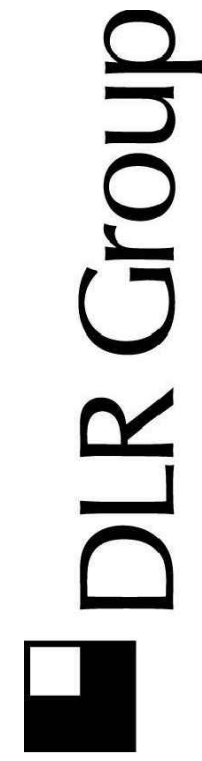
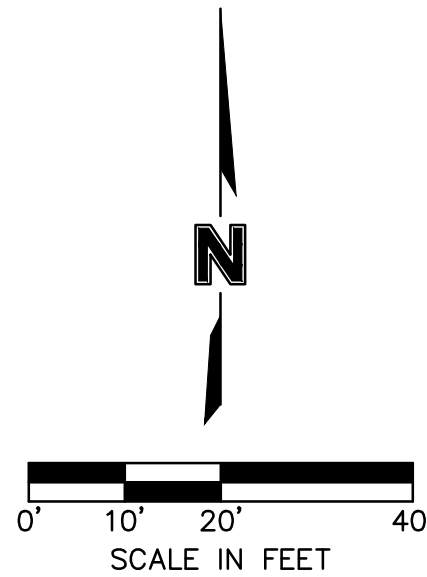
EDD -3 ORIFICE PLATE

- LEGEND
- PROPERTY LINE
 - - - 995 - - - DESIGN MAJOR CONTOUR
 - - - 995 - - - DESIGN MINOR CONTOUR
 - - - 998 - - - AS-BUILT MAJOR CONTOUR
 - - - 998 - - - AS-BUILT MINOR CONTOUR

DETENTION AS-BUILTS
08-08-2022



HEC-14 RIPRAP APRON SIZING FOR OUTFALL J-1									
	D50 (in)	Q ft ³ /s	D ft	TW ft	TW/D 0.4 Min 5.0 Max	APRON LENGTH Scale from Table 10.1 (ft)	APRON DEPTH Scale from Table 10.1 (ft)	Width at End of Apron (ft)	
Required	4.5	63	3.5	2.48	0.708571	4	14	29.7	19.9
Design	9					28	30	20	



olsson

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LEE'S SUMMIT MIDDLE SCHOOL #4

LEE'S SUMMIT R-7 SCHOOL DISTRICT

1001 SE BAILEY ROAD
LEE'S SUMMIT, MO 64081

PACKAGE 2-
STRUCTURAL & SITE
UTILITIES
ISSUED FOR PERMIT
08/28/20

PRO02R 01.14.21

13-20102-00

DETENTION BASIN
DETAIL

C1061