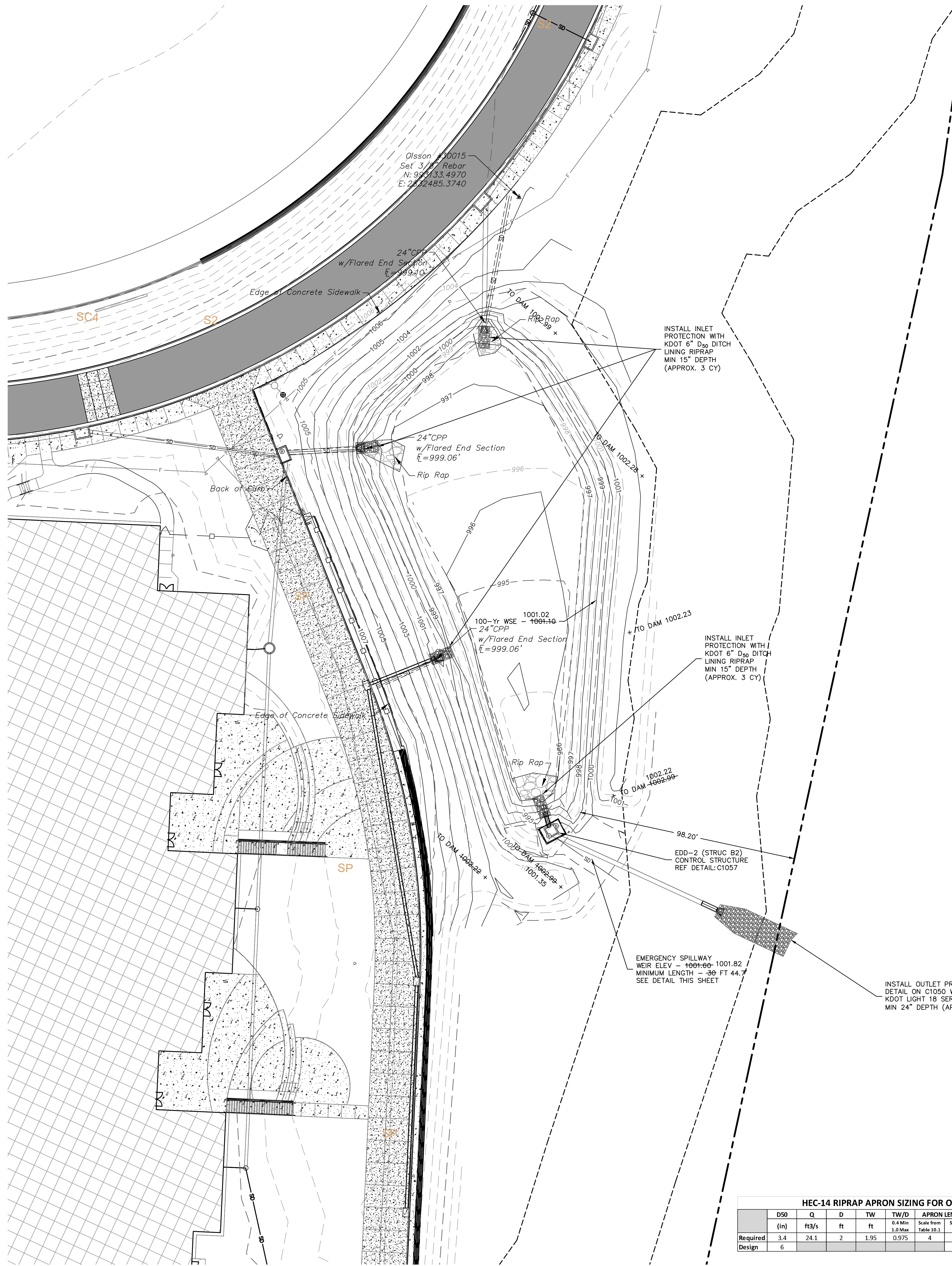


DWG: F:\2020\0001-0500\020-0103\40-Design\AutoCAD\Final Plans\Sheets\CONSTRUCTION DOCUMENTS\C_GRD02_0200103.dwg
 DATE: Nov 09, 2023 10:36am XREFS: C:\BASE_0200103 C:\PTBLK_0200103 T_PBASE_0200103 T_PSA5_0200103 V_XALT_00103 C_PSURF_sbit_basin_0200103 AS_BUILT_Detention_Ponds USER: tparsons T_PSA5_0200103

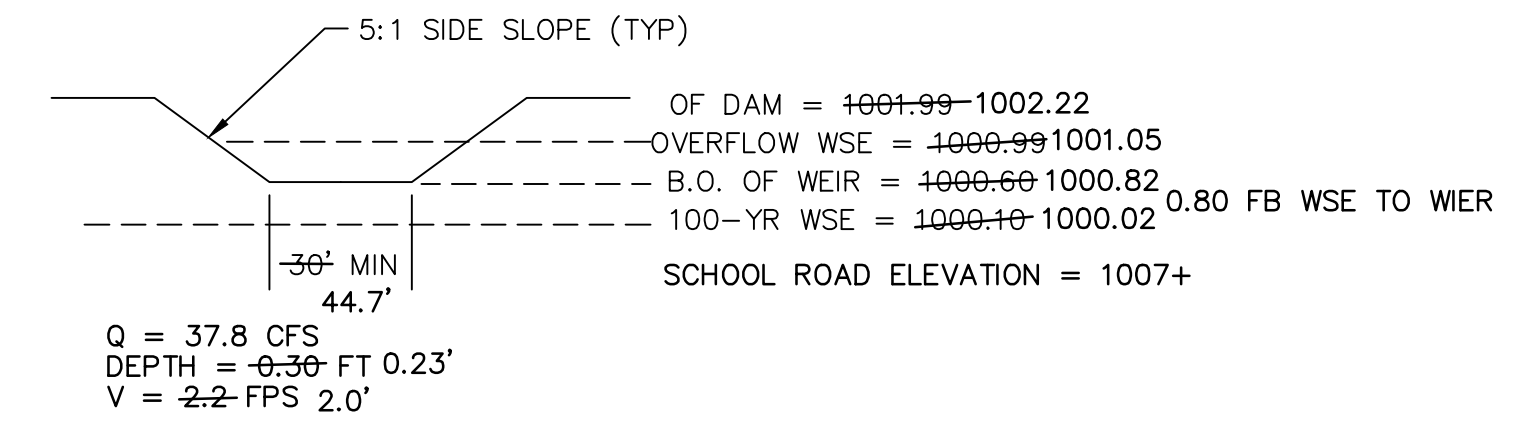


CONTRACTOR NOTE:

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

LEGEND

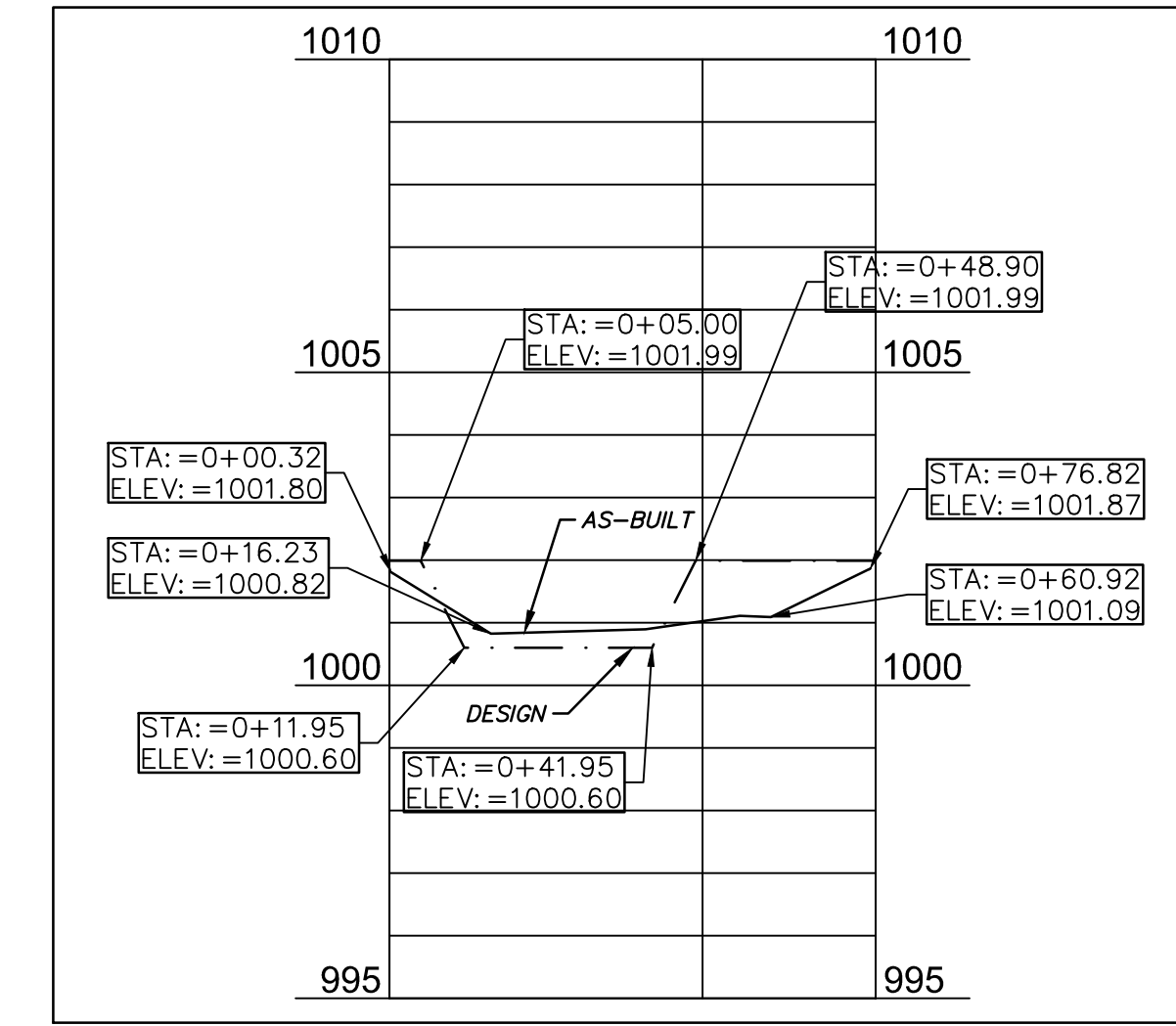
- PROPERTY LINE
- - - 995 DESIGN MAJOR CONTOUR
- - - 995 DESIGN MINOR CONTOUR
- - - 998 AS-BUILT MAJOR CONTOUR
- - - 998 AS-BUILT MINOR CONTOUR



**EDD-2
EMERGENCY SPILLWAY DETAIL**

**DETENTION AS-BUILTS
11-07-2023**

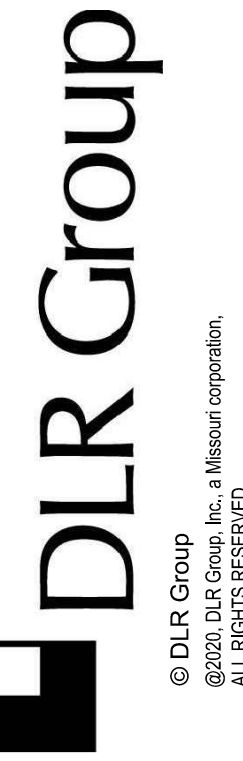
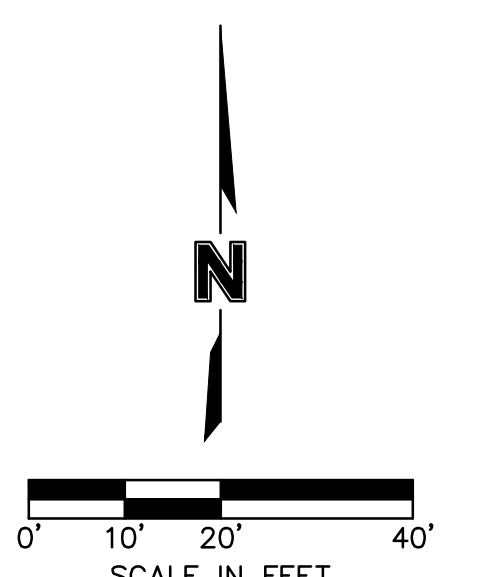
Record Drawing



**EDD-2
EMERGENCY SPILLWAY DETAIL
(DESIGN VS AS-BUILT)**

DESIGN VS AS-BUILT DETENTION AREA				
ELEVATION	DESIGN AREA (ACRES)	DESIGN VOL (CF)	AS-BUILT AREA (ACRES)	AS-BUILT VOL (CF)
995	0.00	0	0.00	0
996	0.13	606	0.11	596
997	0.26	8079	0.25	8611
998	0.26	20513	0.30	20764
999	0.35	34278	0.34	34878
1000	0.38	50003	0.38	50733
1001	0.41	67035	0.42	68332
1002	0.45	84721	0.46	87672

HEC-14 RIPRAP APRON SIZING FOR OUTFALL D-1										
	D50 (in)	Q ft ³ /s	D ft	TW ft	TW/D 1.9 Max	APRON LENGTH Scale from Table 19.3 ft	APRON DEPTH Scale from Table 19.3 (ft)	Width at End of Apron (ft)	Scale x D Scale x D95 Apron (ft)	
Required	3.4	24.1	2	1.95	0.975	4	8	3.3	19.8	11.4
Design	6					19			24	12



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 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 12.18.20

13-20102-00

DETENTION BASIN
 DETAIL

C1060