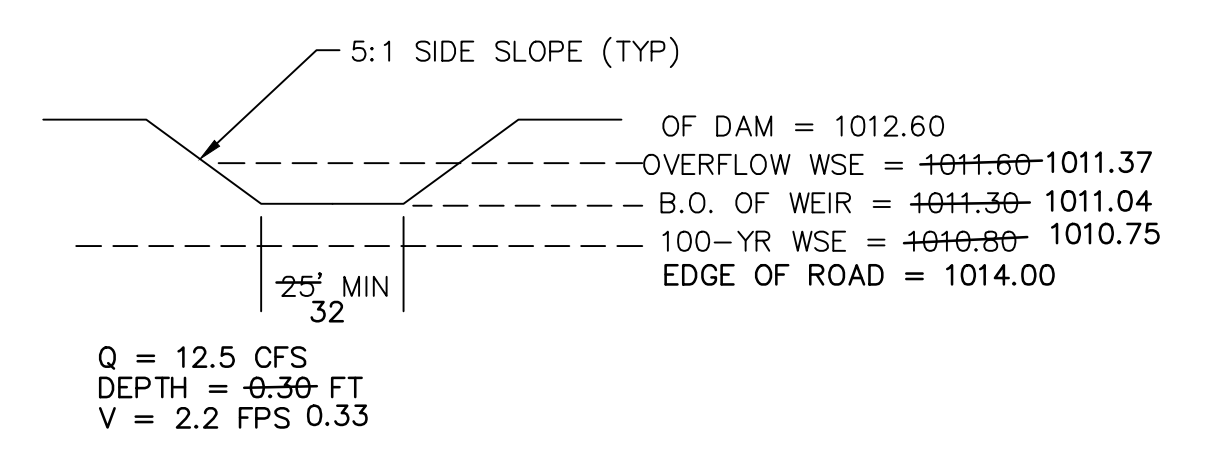
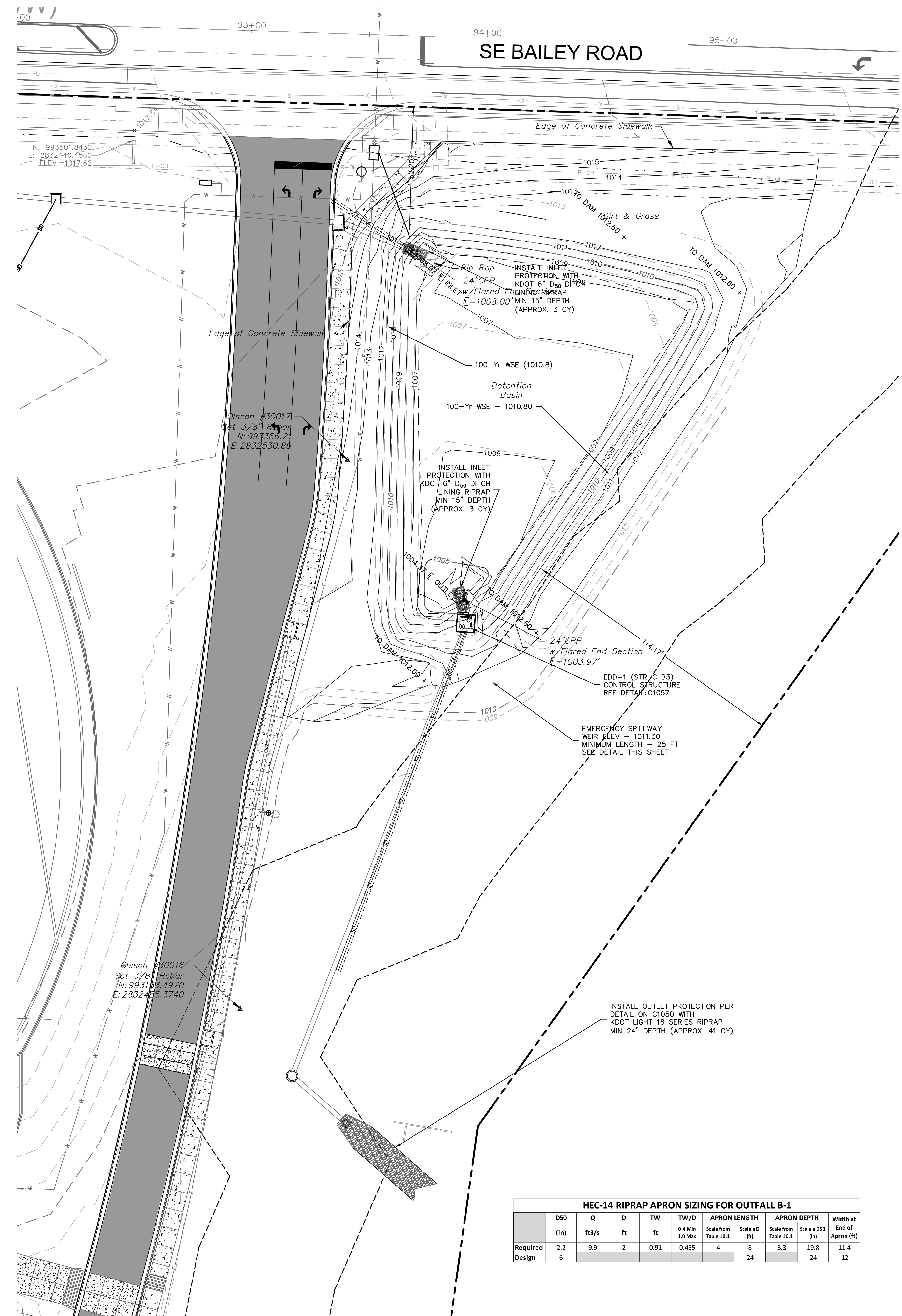
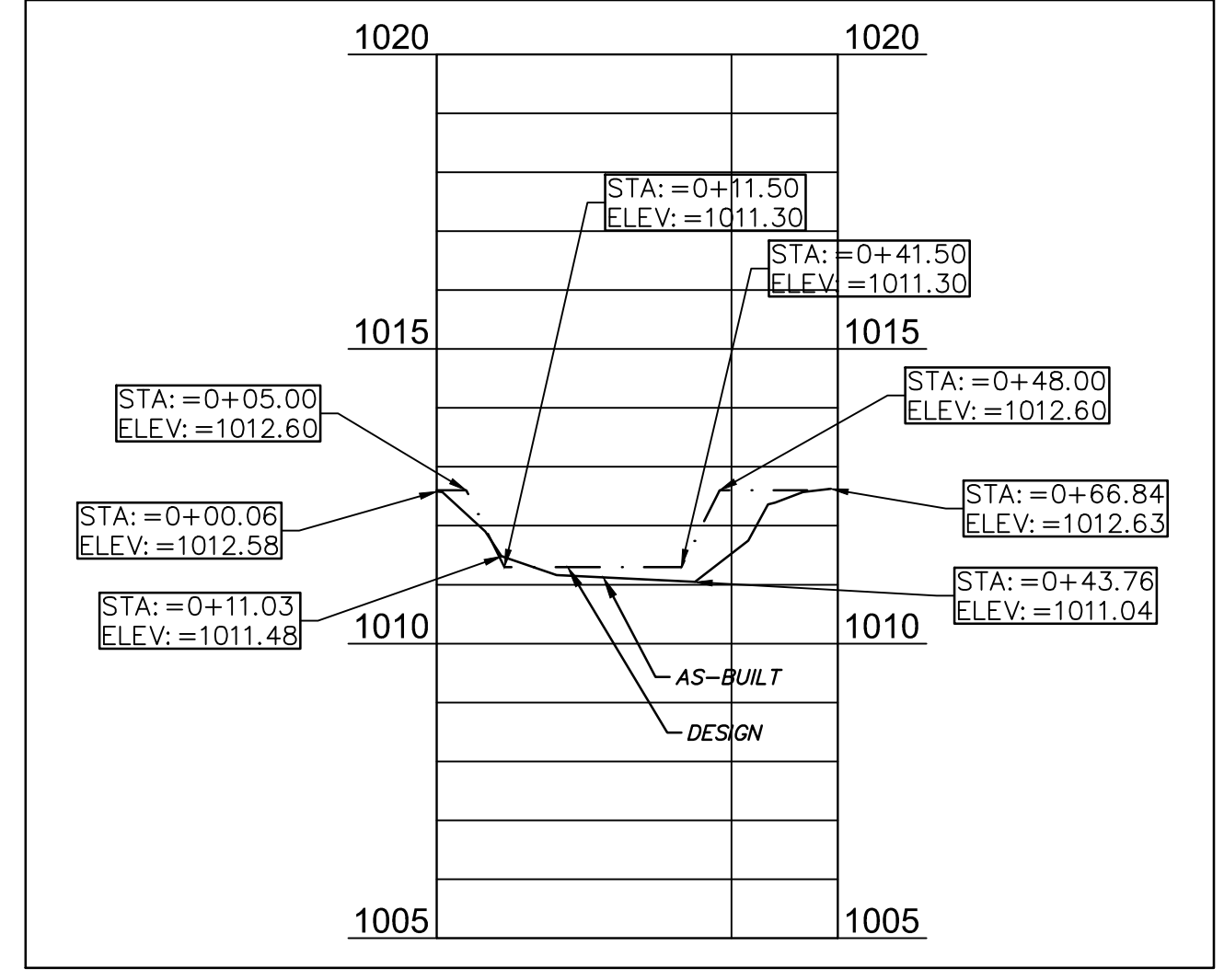


DWG: F:\2020\0001-0500\020-0103\40-Design\AutoCAD\Final Plans\Sheets\CONSTRUCTION DOCUMENTS\C_GRD02_020103.dwg
 USER: tpsons
 T_PASAS_020103
 V_XALT_00103
 C_PSBURF_casit_basin_020103
 AS_BUILT_Detention_Ponds
 C_PFBK_020103
 T_PBASE_020103
 C_PBASE_020103
 XREFS: C_XBASE_020103



EDD-1
EMERGENCY SPILLWAY DETAIL



EDD-1
EMERGENCY SPILLWAY DETAIL
(DESIGN VS AS-BUILT)

DESIGN VS AS-BUILT DETENTION AREA & VOLUME				
ELEVATION	DESIGN AREA (ACRES)	DESIGN VOL (CF)	AS-BUILT AREA (ACRES)	AS-BUILT VOL (CF)
1003.97	0.00	0	0.00	0
1005	0.02	359	0.01	314
1006	0.04	1491	0.05	1795
1007	0.14	5238	0.13	5890
1008	0.26	13755	0.27	14776
1009	0.35	26887	0.35	28454
1010	0.38	42612	0.39	44745
1011	0.41	59644	0.42	62561



EDD -1 ORIFICE PLATE

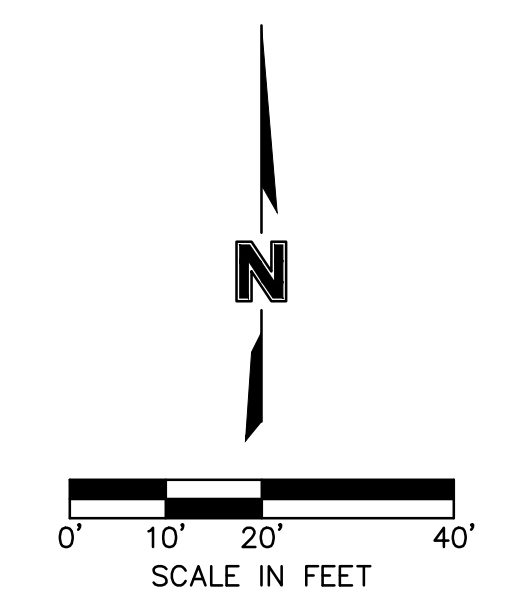
HEC-14 RIPRAP APRON SIZING FOR OUTFALL B-1									
	D50 (in)	Q ft ³ /s	D ft	TW ft	TW/D	APRON LENGTH Scale from Table 10.1	APRON DEPTH Scale x D50 (ft)	Width at End of Apron (ft)	
Required	2.2	9.9	2	0.91	0.455	8	3.3	19.8	
Design	6					24	24	12	

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

CONTRACTOR NOTE:

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

**DETENTION AS-BUILTS
05-05-2023**



LEE'S SUMMIT MIDDLE SCHOOL #4
LEE'S SUMMIT R-7 SCHOOL DISTRICT
1001 SE BAILEY ROAD
LEE'S SUMMIT, MO 64881

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

PR002R 01.14.21

13-20102-00

DETENTION BASIN
DETAIL

C1059