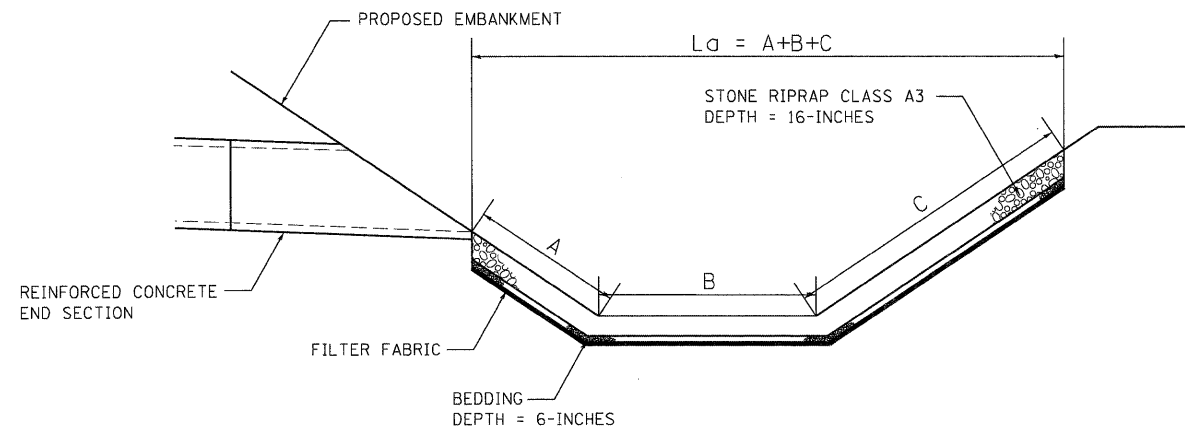
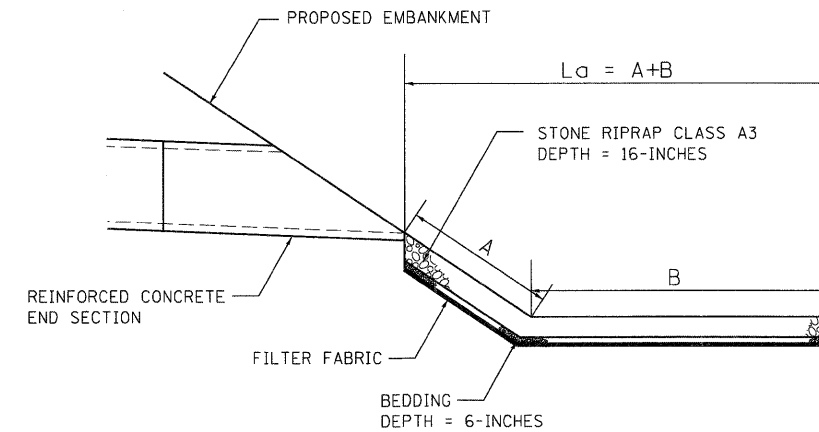


RIPRAP APRON DIMENSIONS

STRUCTURE ID	STATION	OFFSET	FES SIZE (IN)	OUTLETTING TO	WIDTH US W1 (FEET)	WIDTH DS W2 (FEET)	LENGTH A (FEET)	LENGTH B (FEET)	LENGTH C (FEET)	TOTAL LENGTH L_a (FEET)	RIPRAP AREA (SQ YD)
351	123+70.00	57.6 RT	12	Ditch	3.3	6.8	4.3	2.0	4.0	10.3	6
394	38+07.88	66.1 RT	12	Det Basin	3.3	7.0	6.0	5.0		11.0	6
410	1+80.09	33.9 RT	12	Det Basin	3.3	7.3	2.0	10.0		12.0	7
133	16+21.69	48.0 RT	18	Det Basin	4.9	10.3	6.0	10.0		16.0	13
300	04+51.86	53.0 RT	18	Det Basin	4.9	11.6	12.0	8.0		20.0	18
336	35+09.45	79.4 RT	18	Det Basin	4.9	11.6	10.0	10.0		20.0	18
376	134+00.00	58.2 RT	18	Ditch	4.9	8.9	4.9	2.0	5.0	11.9	9
129	73+80.00	75.3 LT	24	Ditch	6.5	8.9	2.3	5.0		7.3	6
131	73+80.00	8.6 RT	24	Ditch	6.5	8.9	1.0	4.0	2.1	7.1	6
144	73+81.01	79.9 RT	24	Ditch	6.5	9.3	1.5	4.0	3.0	8.5	7
171	66+01.66	5.5 RT	24	Ditch	6.5	8.8	1.0	4.0	2.0	6.9	6
331	03+68.75	46.3 RT	24	Det Basin	6.5	11.2	4.0	10.0		14.0	14
348	121+20.00	62.6 RT	24	Ditch	6.5	9.9	2.3	2.0	6.0	10.3	9
373	131+20.00	53.8 RT	24	Ditch	6.5	10.2	3.1	2.0	6.0	11.1	10
821	72+28.59	200.0 LT	24	Det Basin	6.5	14.0	12.5	10.0		22.5	26
900	76+26.82	181.8 RT	24	Det Basin	6.5	13.2	10.0	10.0		20.0	22



SECTION A-A
DITCH SECTION
RIPRAP APRON



SECTION A-A
DETENTION BASIN
RIPRAP APRON

\\FS-004\4\WORK\VAULT\7-D-TRANS-07\2202\21379-00\1\CIVIL\CAD\60H45\SHEET.DWG\60H45-SHT-01.DWG
 BA\ZKJJ
 TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 CHICAGO, ILLINOIS
 12-15-2011 13:14:44