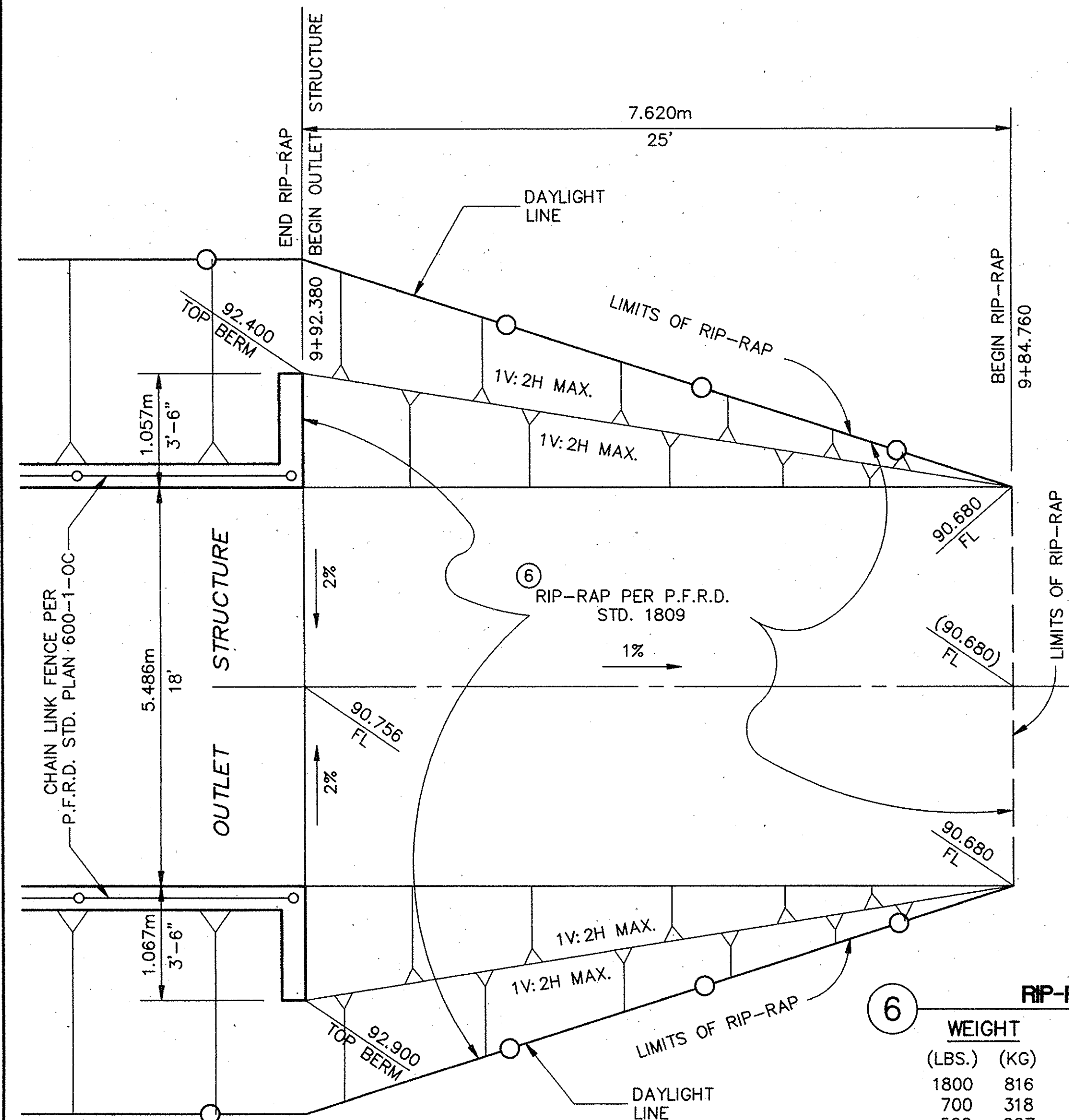
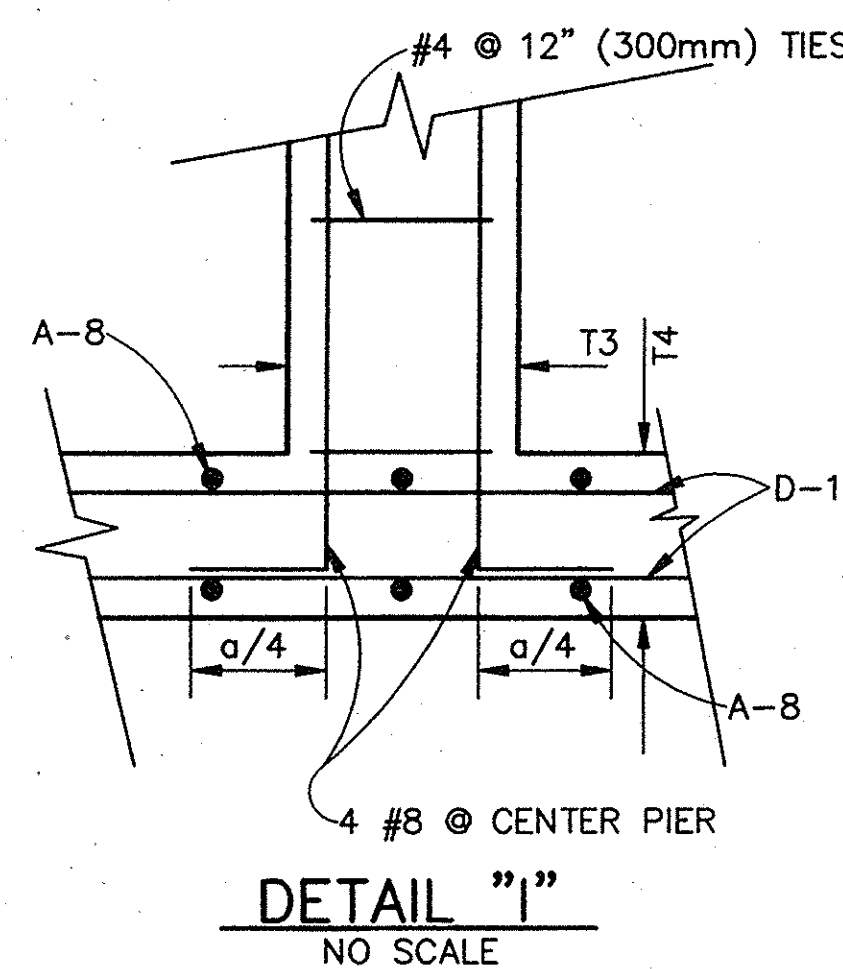
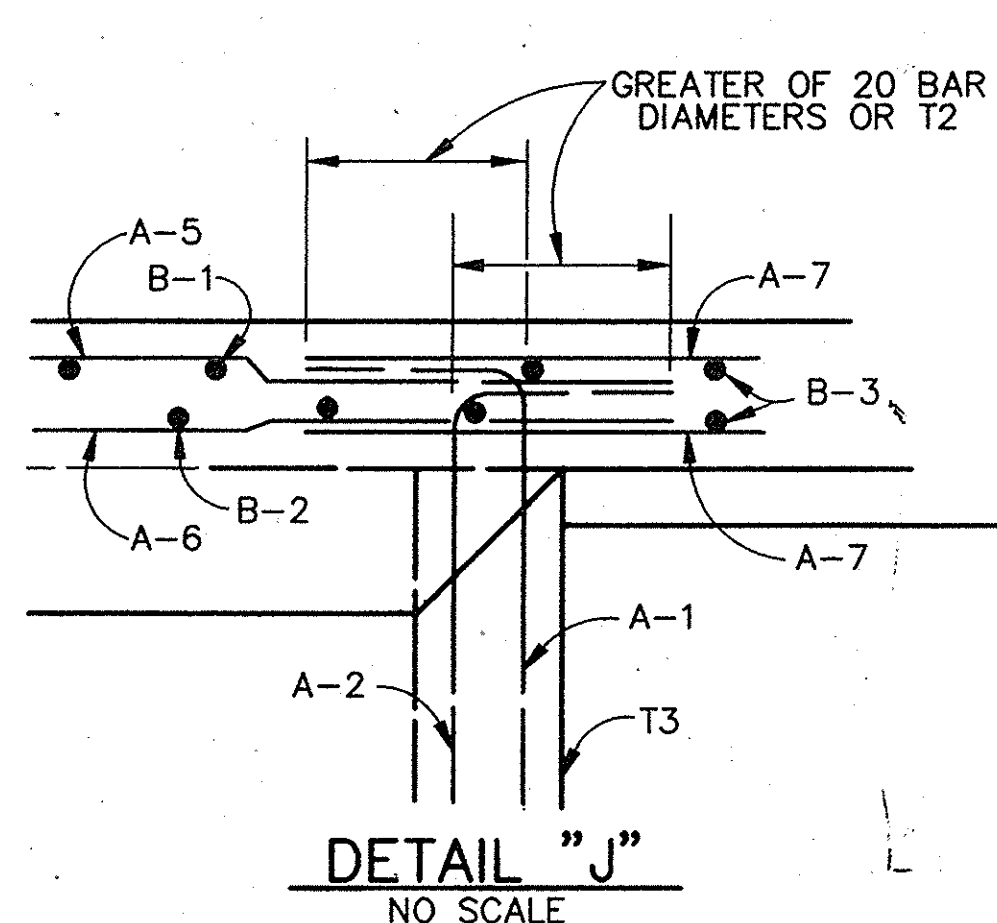
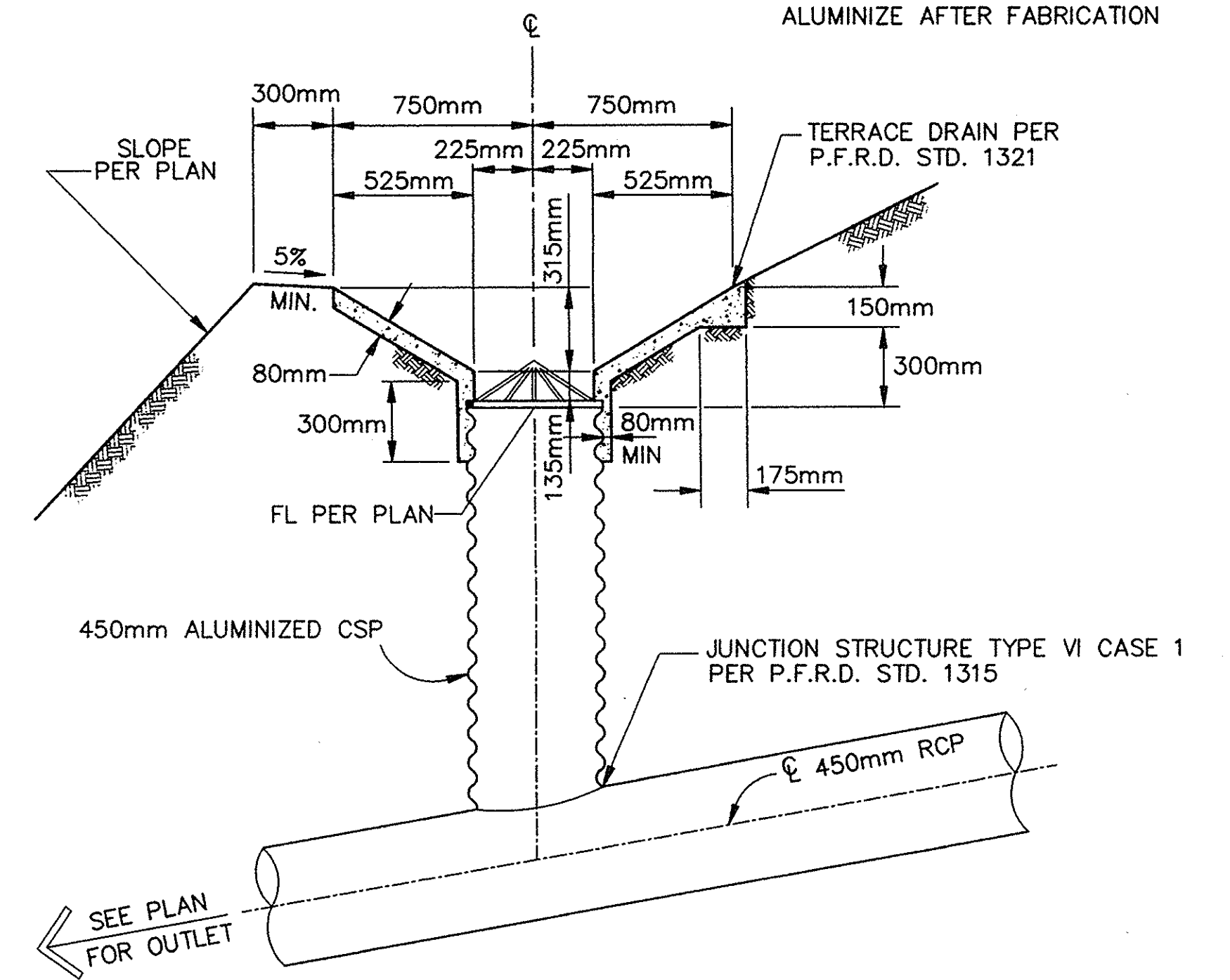
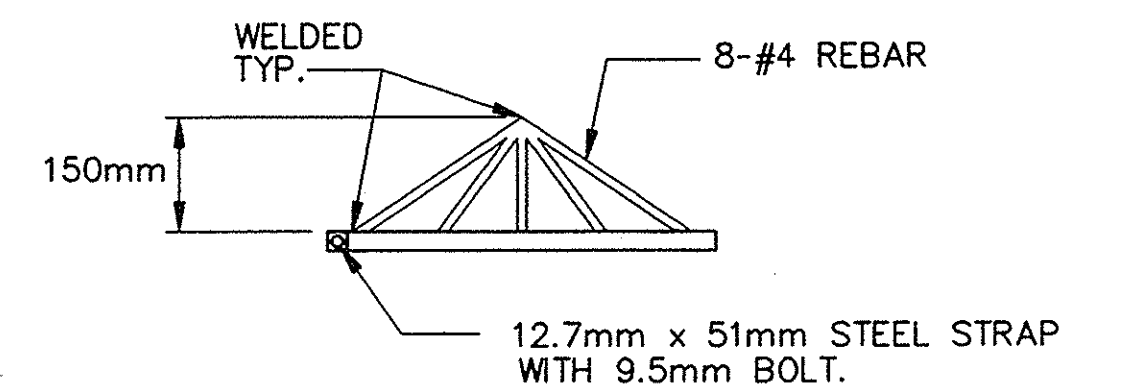
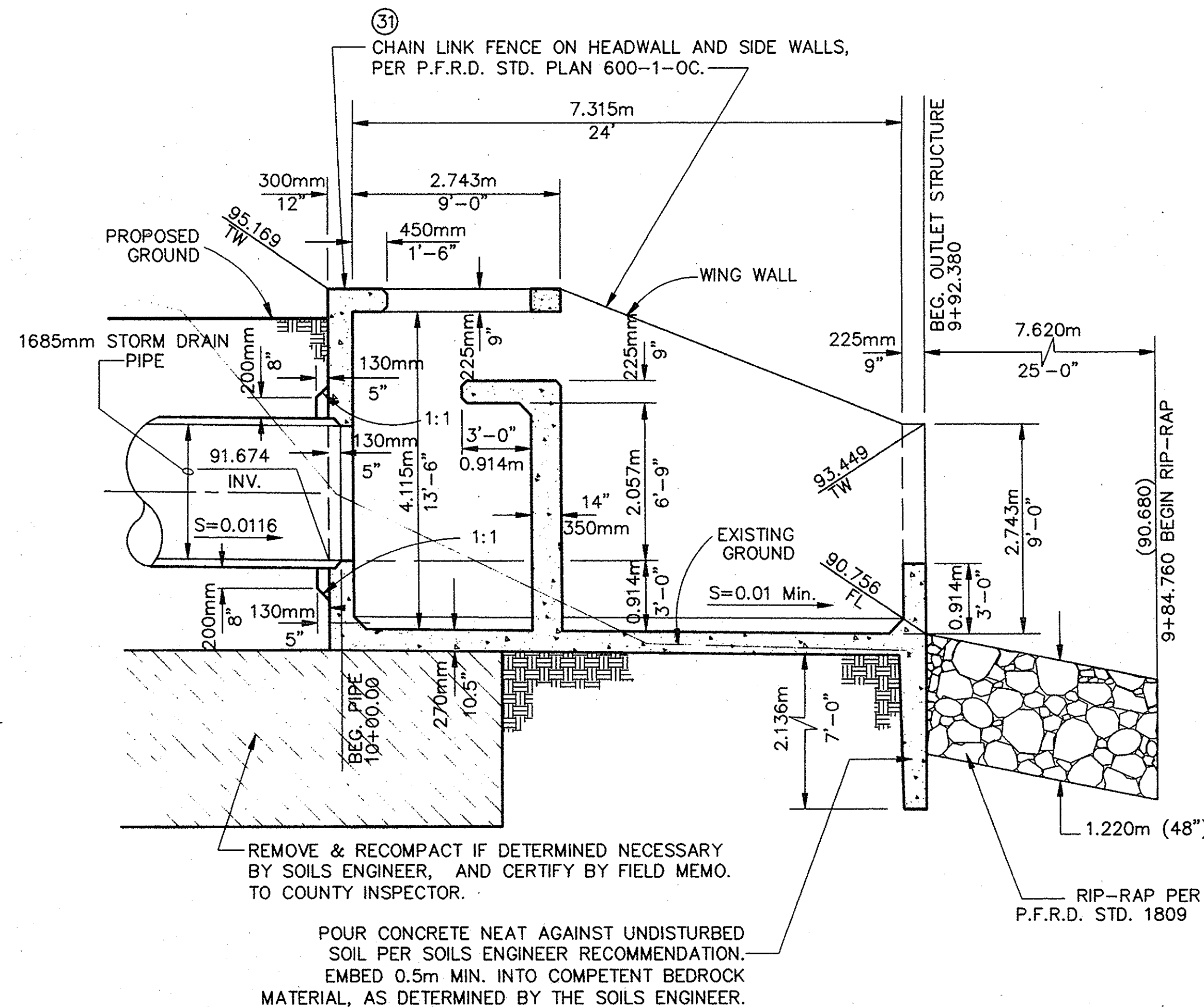




RIP-RAP OUTLET DETAIL
NO SCALE

6 RIP-RAP GRADATION

WEIGHT		PERCENT LIGHTER THAN
(LBS.)	(KG)	
1800	816	100%
700	318	90 - 100
500	227	50 - 90
200	91	0 - 15



17 IMPACT ENERGY DISSIPATOR OUTLET STRUCTURE
A.P.W.A. STD. PLAN 384-1
NO SCALE
SEE SHEET 4 FOR ADDITIONAL DETAILS

NO.	DATE	REVISIONS	APPROVED

HUITT-ZOLIARS
Huitt-Zoliars, Inc.
15101 Red Hill Avenue, Tustin, CA 92780 (714) 259-7900

DESIGNED BY: RJV
DRAWN BY: RJV
CHECKED BY: CFT
FIELD BOOK: 9/14/99

30924 R.C.E. 3-31-2000 EXPRES DATE

DESIGNED BY RJV	STORM DRAIN PLANS FOR CROWN VALLEY PARKWAY BRIDGE EMBANKMENTS	SHEET 3 OF 13 SHEETS
CHECKED BY RJV		
CHECKED BY CFT	OUTLET STRUCTURE AND DETAILS	
FIELD BOOK	JARDINES TO LADERA PC	JOB NO. 10-0367-03



DR. 18 (16395)