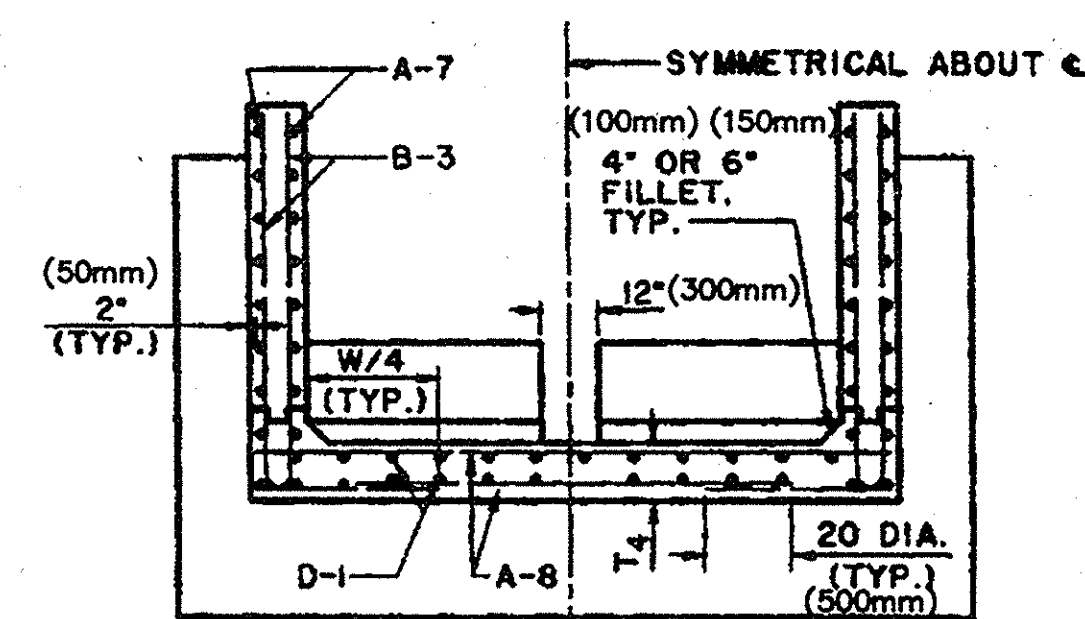
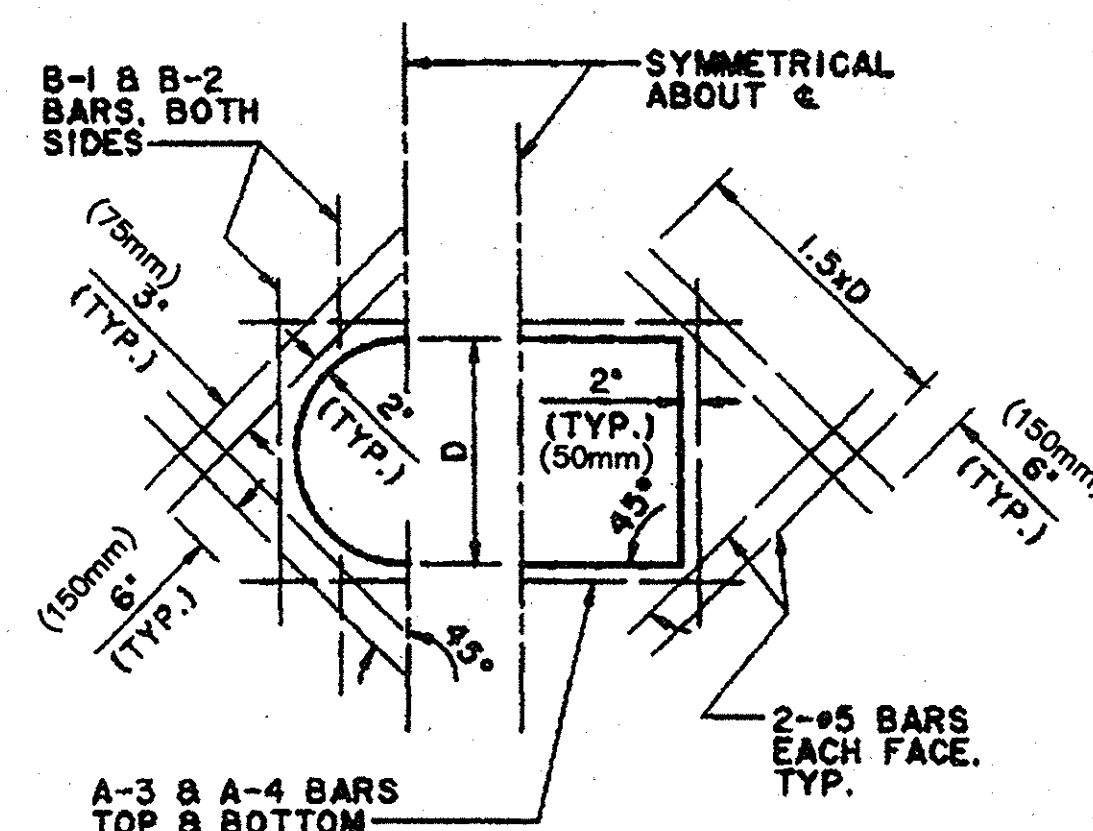


BASIN WIDTH W = 18' (5.486 m)				
DIMENSIONS		REINFORCING STEEL		
	IMPERIAL METRIC	DESIGNATIONS	SIZE & SPACING WORKING STRESS	SIZE & SPACING STRENGTH DESIGN
H	13'-6" (4.115m)	A-1	#10 @ 12" (300mm)	#9 @ 12" (300mm)
L	24' (7.315m)	A-2	#7 @ 6" (150mm)	#6 @ 6" (150mm)
a	9' (2.743m)	A-3	#5 @ 12" (300mm)	#5 @ 12" (300mm)
b	6'-9" (2.057m)	A-4	#4 @ 18" (450mm)	#4 @ 18" (450mm)
c	9' (2.743m)	A-5	#5 @ 12" (300mm)	#5 @ 12" (300mm)
d	3' (0.114m)	A-6	#8 @ 6" (150mm)	#9 @ 12" (300mm)
e	1'-6" (0.457m)	A-7	#5 @ 8" (200mm)	#5 @ 8" (200mm)
f	3'-6" (1.067m)	A-8	#8 @ 8" (200mm)	#8 @ 14" (360mm)
g	7' (2.134m)	B-1	#4 @ 12" (300mm)	#4 @ 12" (300mm)
T ₁	13" (0.330m)	B-2	#4 @ 12" (300mm)	#4 @ 12" (300mm)
T ₂	12" (0.305m)	B-3	#7 @ 16" (400mm)	#7 @ 16" (400mm)
T ₃	14" (0.356m)	C-1	#4 @ 13" (330mm)	#4 @ 13" (330mm)
T ₄	10.5" (0.267m)	C-2	#4 @ 13" (330mm)	#4 @ 13" (330mm)
T ₅	11" (0.279m)	D-1	#4 @ 12" (300mm)	#4 @ 12" (300mm)
T ₆	9" (0.229m)	D-2	#4 @ 12" (300mm)	#4 @ 18" (450mm)
DESIGN LOADS		IMPACT = 750 PSF		

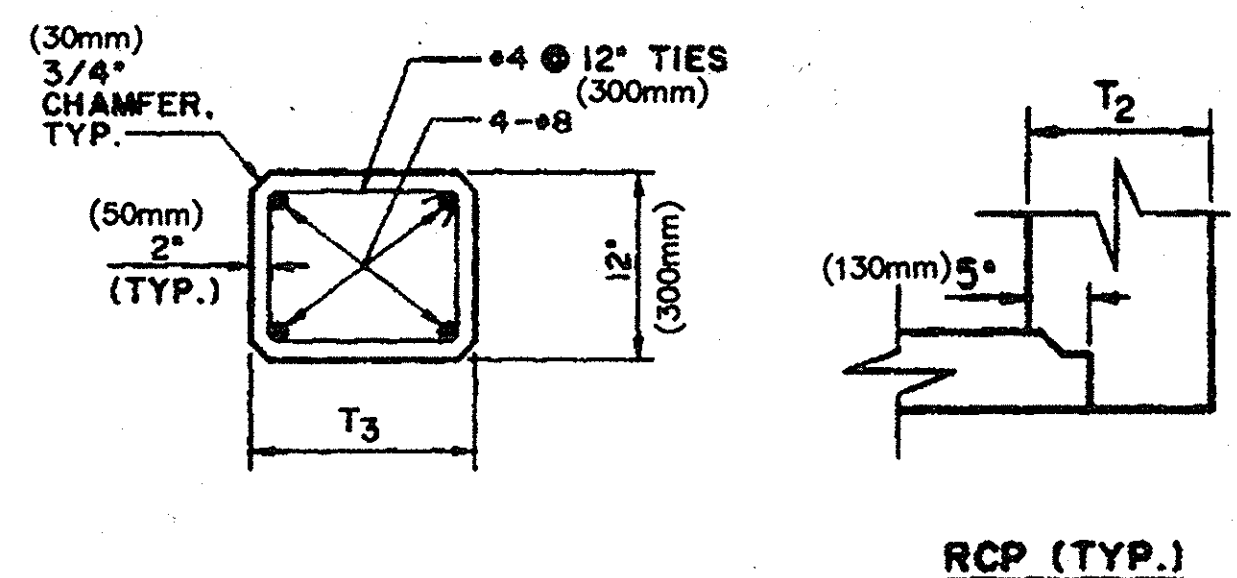
NOTE: STEEL CLEARANCE IS 2" (50mm) TYPICAL FROM OUTSIDE FACE OF CONCRETE.



SECTION H-H

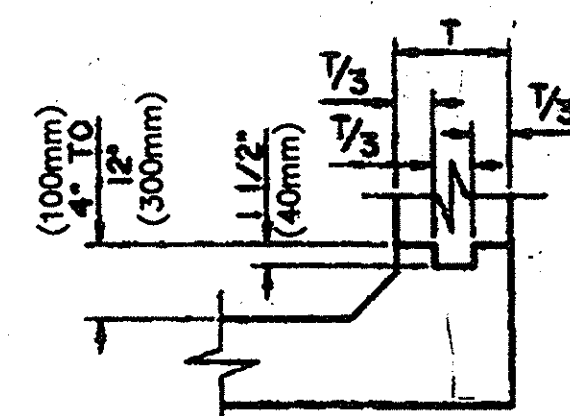


SECTION D-D

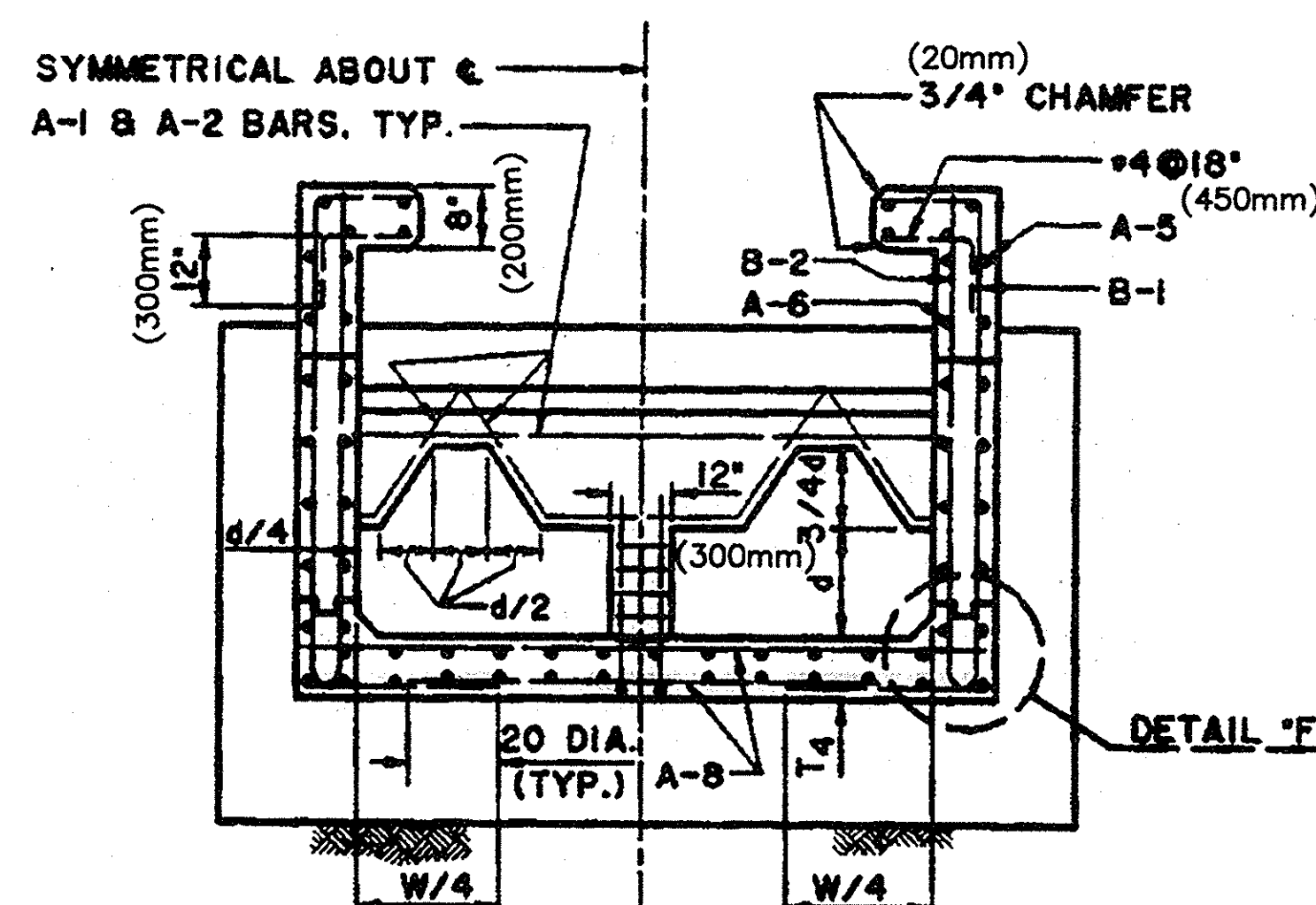


SECTION G-G

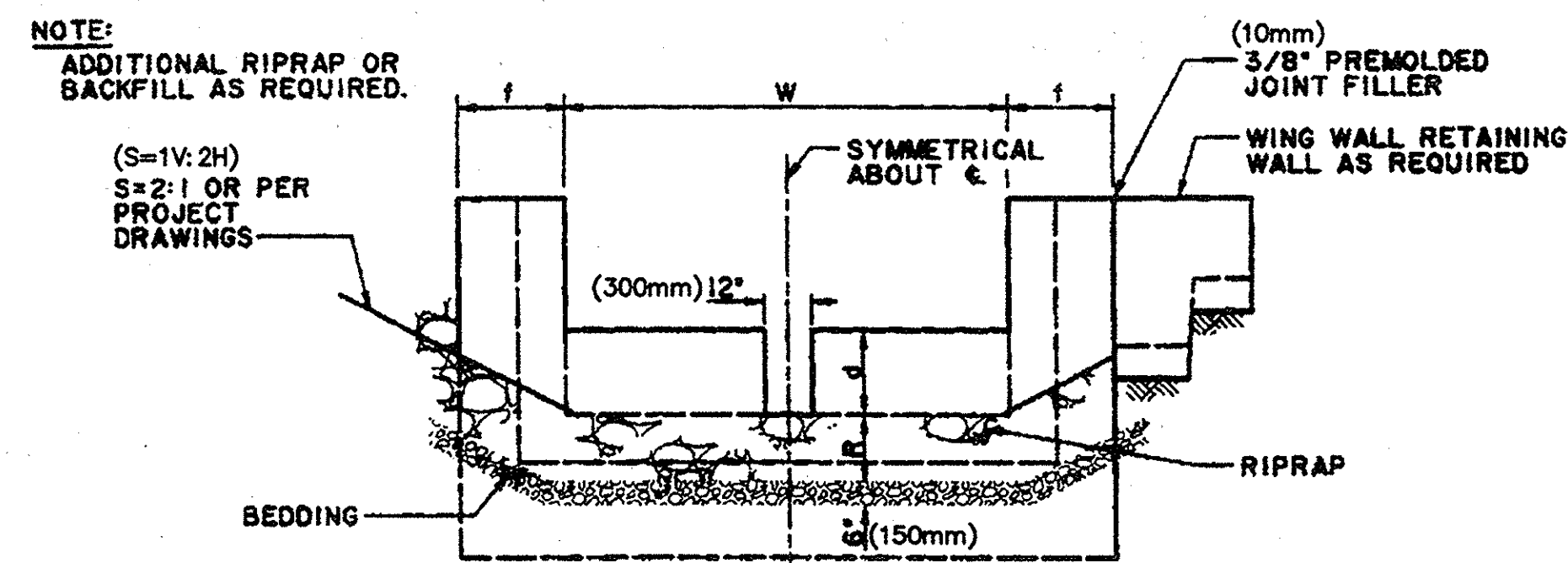
DETAIL "E"



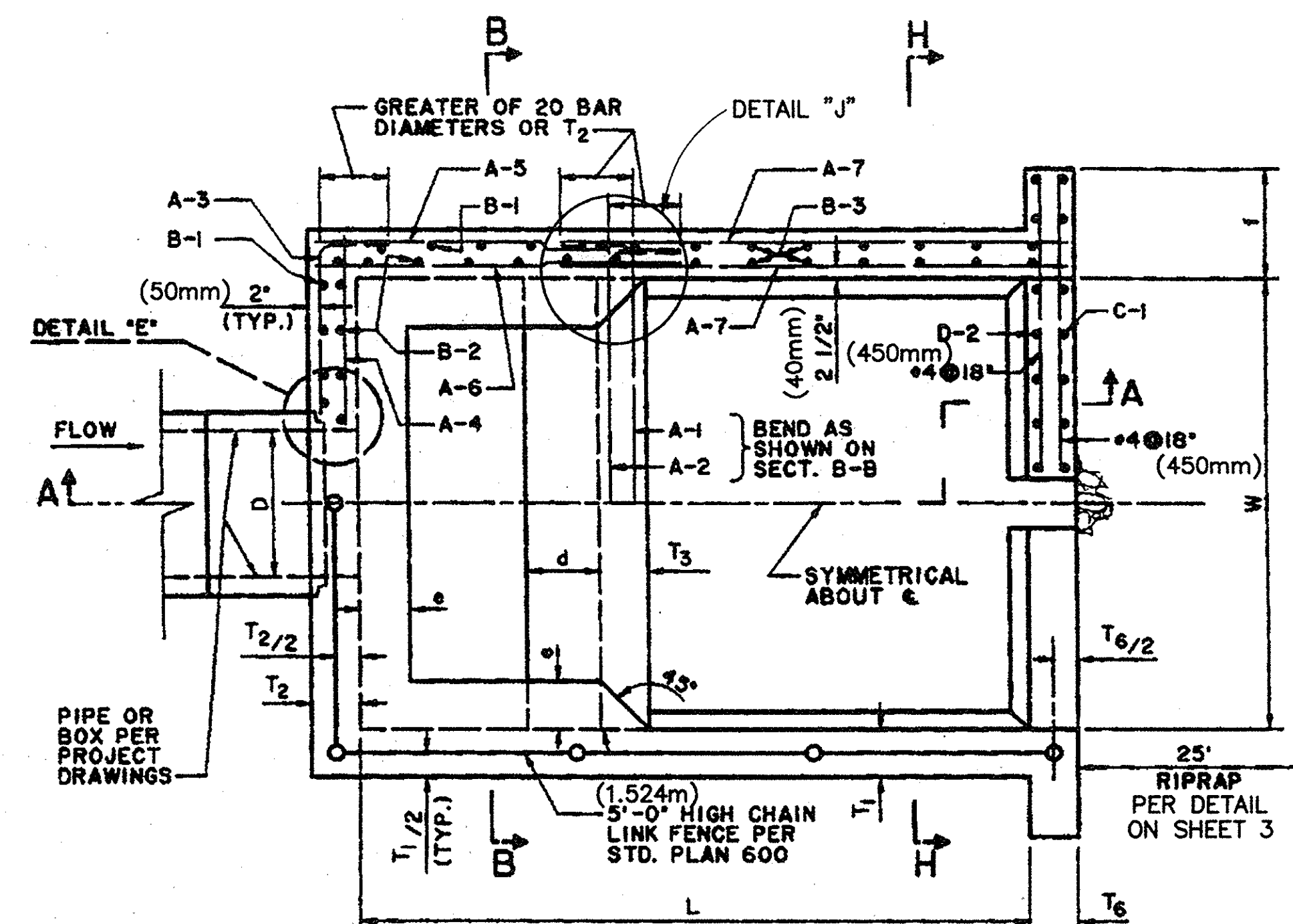
DETAIL "F"



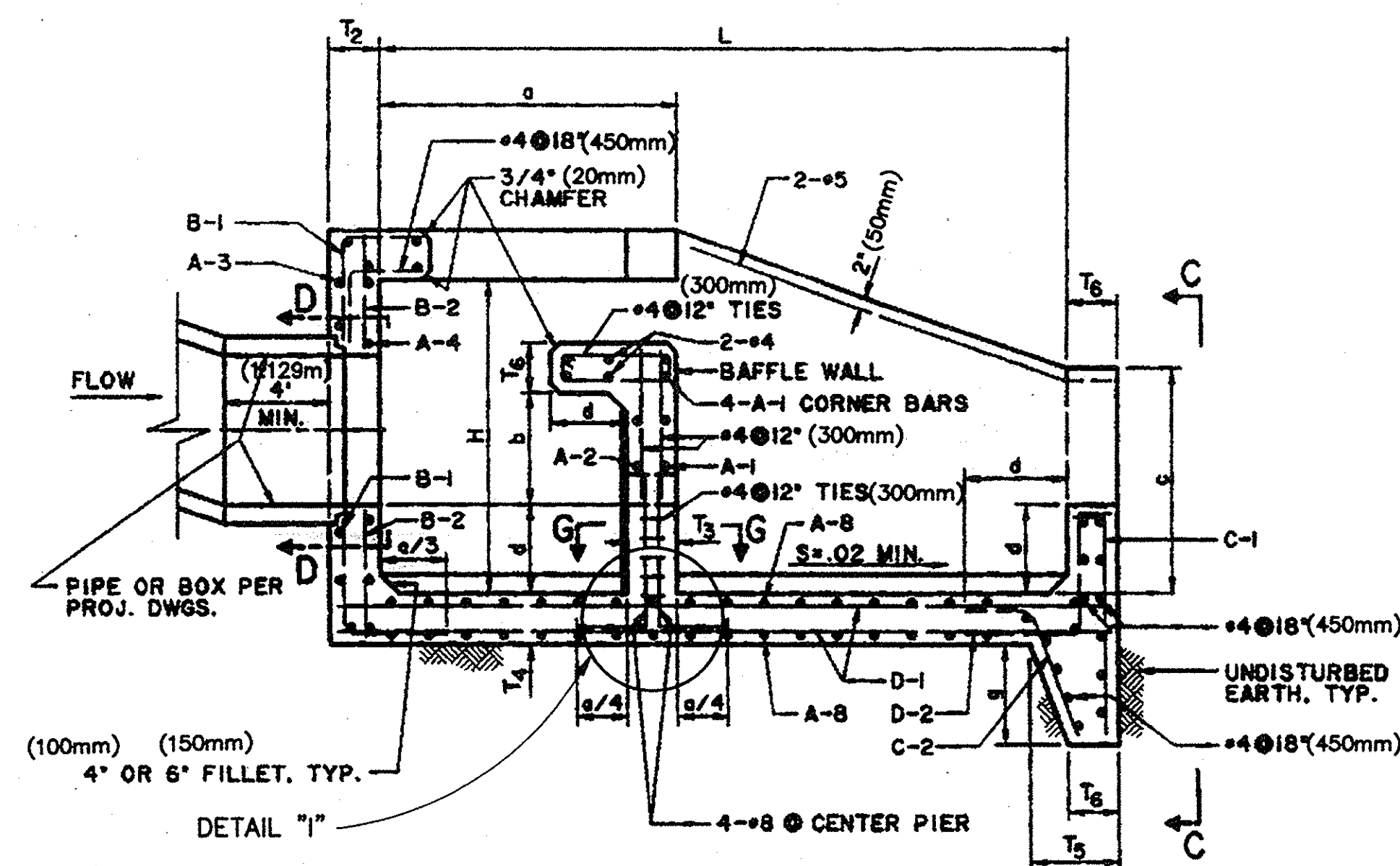
SECTION B-B



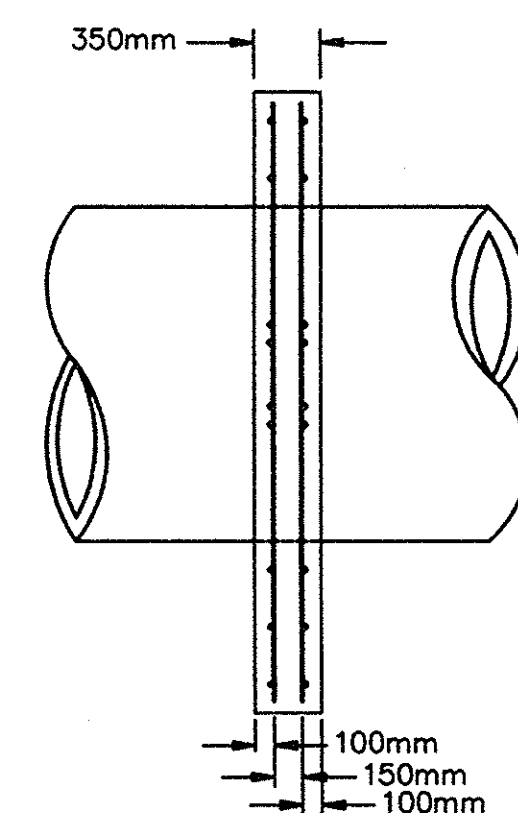
SECTION C-C



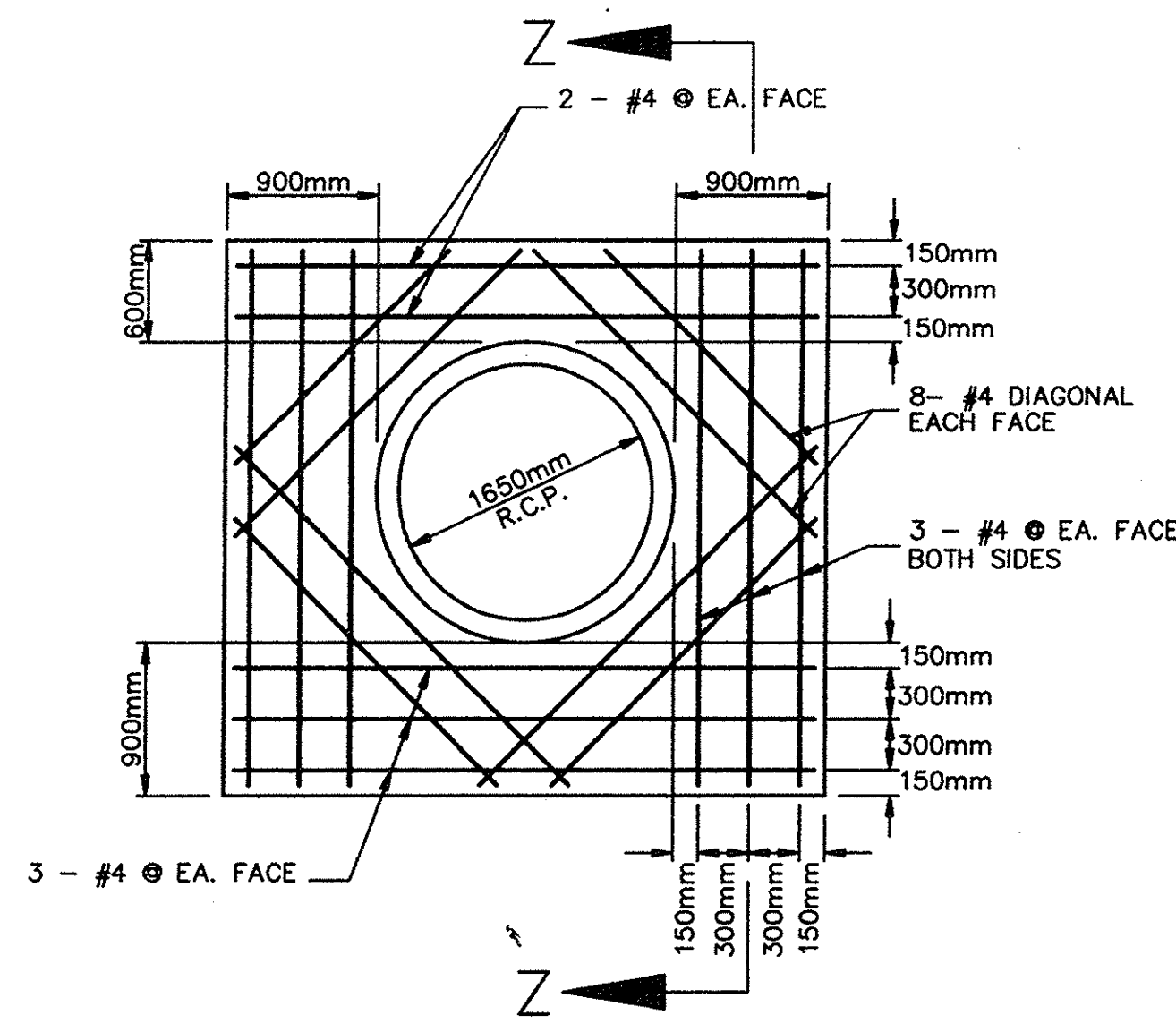
PLAN



SECTION A-A



SECTION Z-Z



REIN. CONCRETE ANTI-SEEP COLLAR

SCALE 1 : 40

DR. 18 16395
Sheet 4 of 13



17 IMPACT ENERGY DISSIPATOR OUTLET STRUCTURE
A.P.W.A. STD. PLAN 384-1

NO SCALE
SEE SHEET 3 FOR ADDITIONAL DETAILS

NO.	DATE	REVISIONS	APPROVED

HUITT-ZOLIARS
Huitt-Zoliars, Inc.
8101 Red Hill Avenue, Tustin, CA 92780 (714) 258-7900
PREPARED UNDER SUPERVISION OF
[Signature]
30924 R.C.E. 3-31-2000 EXPIRES
9/19/99 DATE

DESIGNED BY RJV	STORM DRAIN PLANS FOR CROWN VALLEY PARKWAY BRIDGE EMBANKMENTS OUTLET STRUCTURE AND DETAILS JARDINES TO LADERA PC	SHEET 4 OF 13 SHEETS JOB NO. 10-0367-03
DRAWN BY RJV		
CHECKED BY CFT		
FIELD BOOK		

DR. 18 (16395)