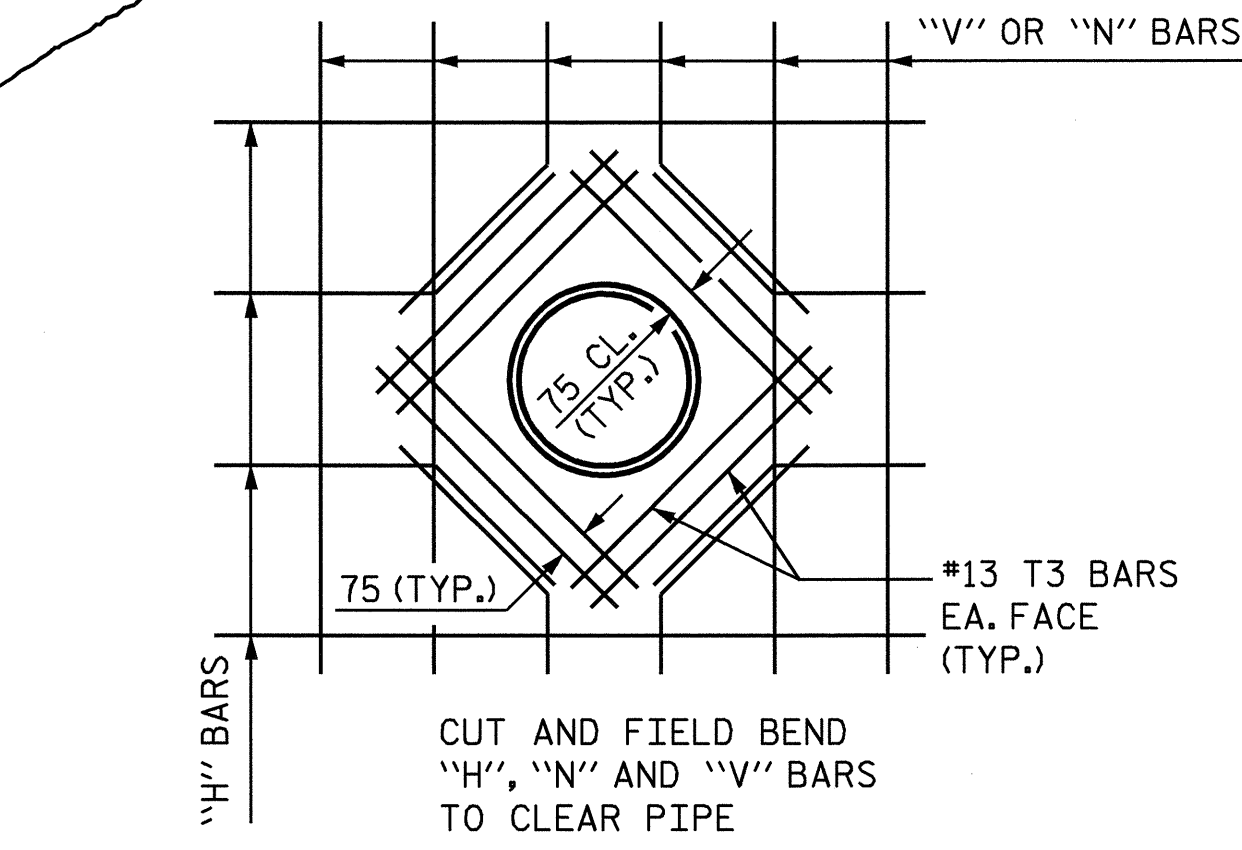


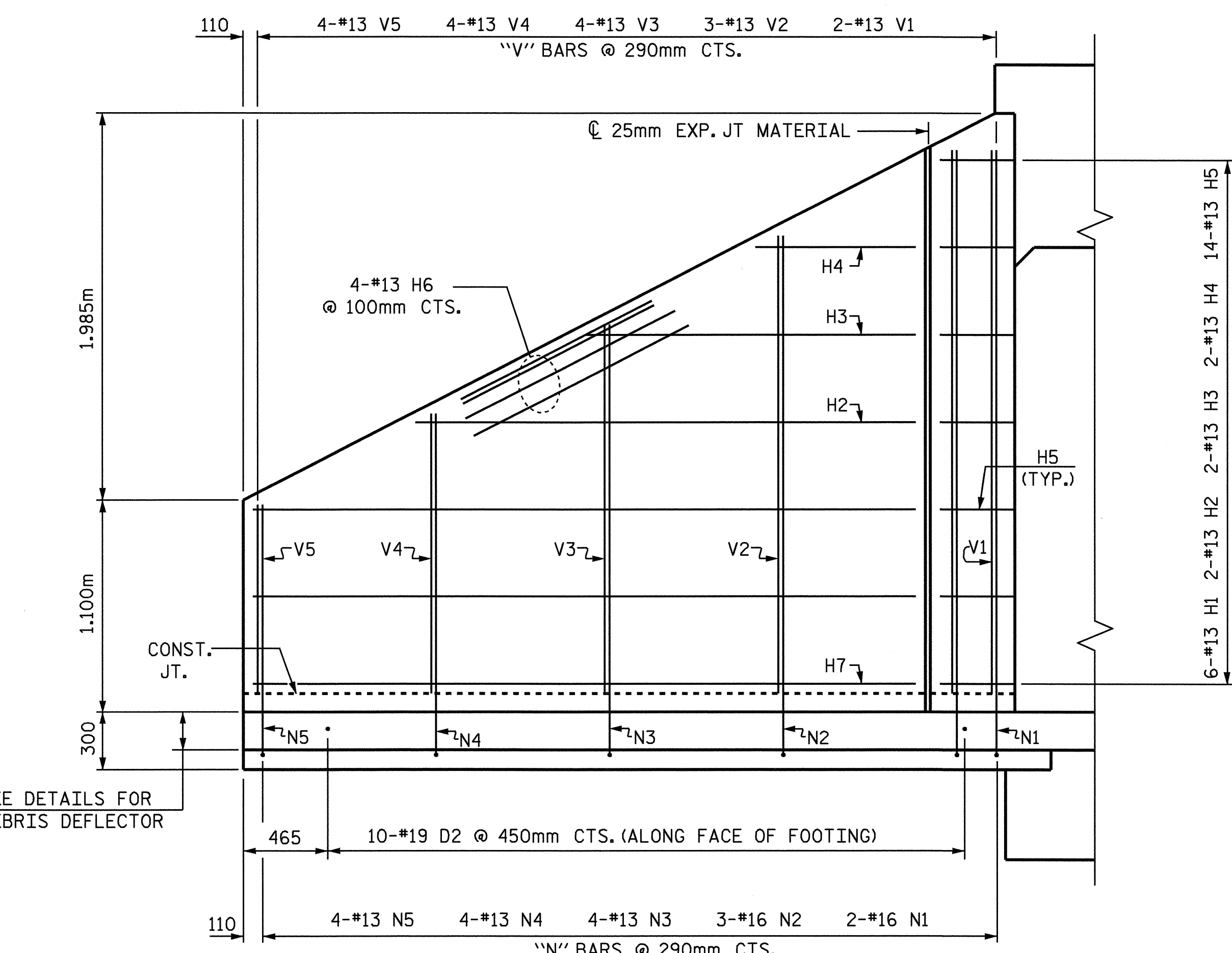
PLAN @ INLET WING



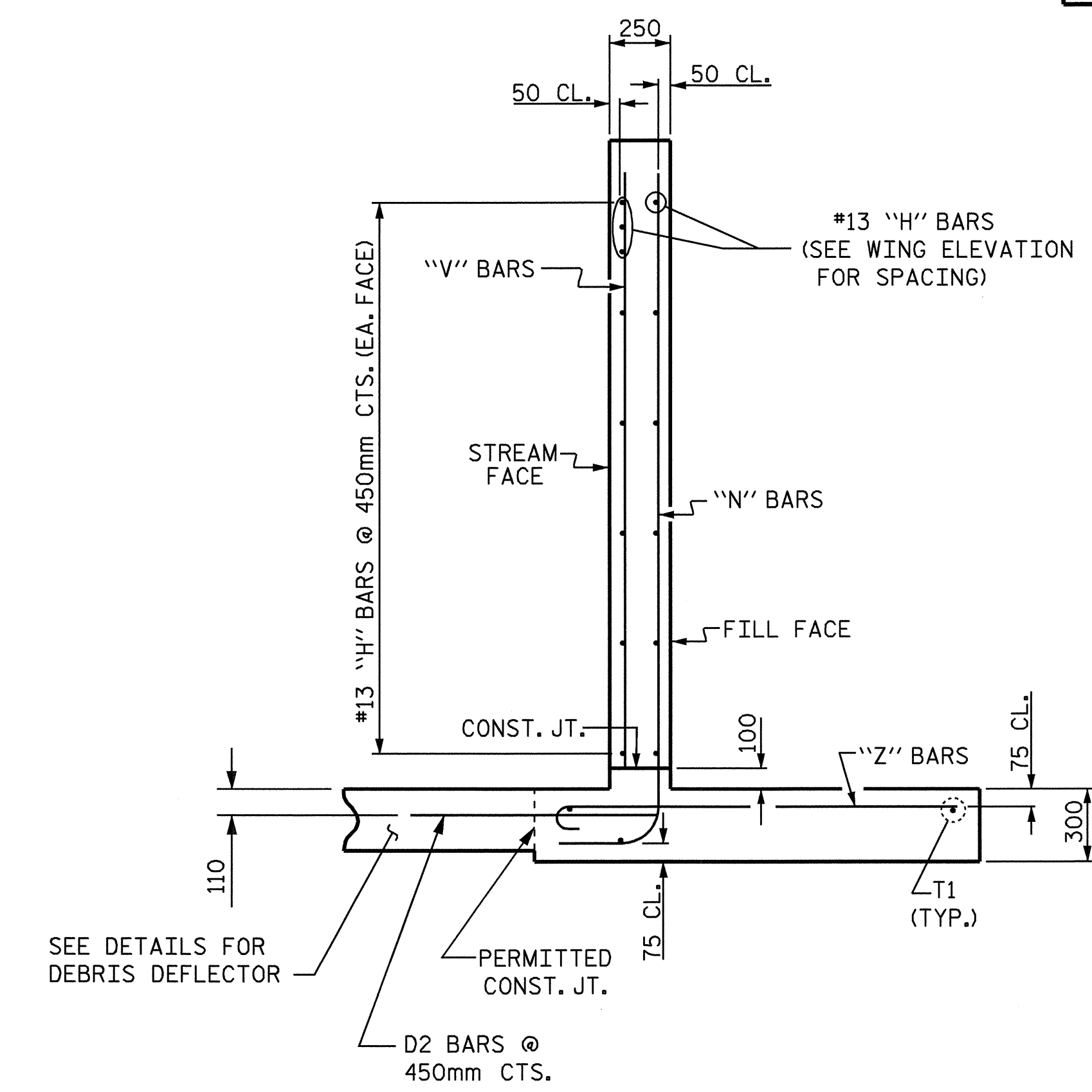
DETAIL OF 450mm Ø CS PIPE THRU WING

(LOCATION OF 450mm Ø CS PIPE SHALL BE DETERMINED BY THE ENGINEER)

BAR TYPES		BILL OF MATERIAL				
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	
D2	20	#19	STR	1020	46	
H1	12	#13	STR	4020	50	
H2	4	#13	STR	3200	13	
H3	4	#13	STR	2190	7	
H4	4	#13	STR	1080	4	
H5	28	#13	1	980	27	
H6	8	#13	STR	4460	35	
N1	4	#16	2	3600	22	
N2	6	#16	2	3240	30	
N3	8	#13	2	2740	22	
N4	8	#13	2	2240	18	
N5	8	#13	2	1760	14	
S1	6	#19	STR	1800	24	
T1	6	#16	STR	4760	44	
T3	32	#13	STR	900	29	
V1	4	#13	STR	2840	11	
V2	6	#13	STR	2460	15	
V3	8	#13	STR	1980	16	
V4	8	#13	STR	1480	12	
V5	8	#13	STR	980	8	
Z1	4	#16	3	1840	11	
Z2	6	#16	3	1620	15	
Z3	8	#13	3	1380	11	
Z4	8	#13	3	1160	9	
Z5	8	#13	3	940	7	
REINFORCING STEEL						
FOR 2 WINGS				500	kg	
CLASS A CONCRETE						
2 WINGS				9.1	C.M.	
1 HEADWALL				0.9	C.M.	
TOTAL 10.0 C.M.						



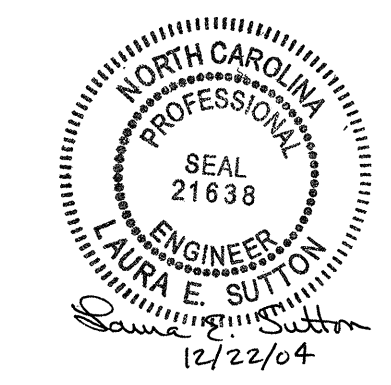
ELEVATION @ INLET WING



TYPICAL INLET WING SECTION

DRAWN BY : V. X. NGUYEN DATE : 10-20-97  
 CHECKED BY : B.N. BARODAWALA DATE : 9/04

20-DEC-2004 15:48  
 W:\SquadL\R0977a\str6\scallaway\R0977A.sd\_CU.06.dgn  
 lsutton



PROJECT NO. R-0977A  
 CHEROKEE COUNTY  
 STATION: 35+18.000-LREV-

SHEET 13 OF 14

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH  
 WINGS FOR  
 CONCRETE BOX CULVERT  
 H=2.400m SLOPE=2 : 1  
 90° SKEW

REVISIONS			SHEET NO.		
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		

STR. #6