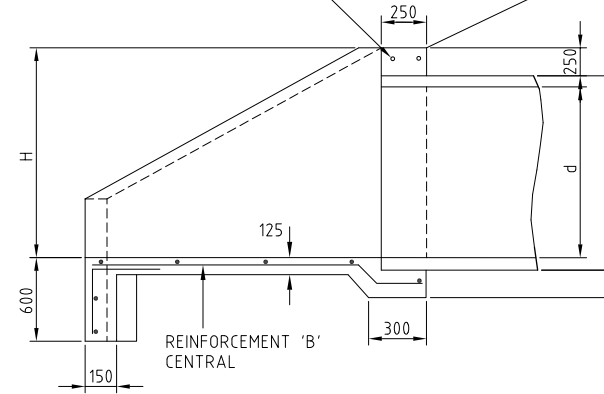


**ELEVATION**

WHERE 'd' IS > 900, TWO N12 REINFORCING BARS, 65 COVER TO EXTEND INTO EACH WING WALL



**SECTION 1**

**NOTES:**

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH SHALL BE 32 MPa TO AS 3600.
2. MINIMUM COVER TO REINFORCEMENT 45mm.

**STEEL REINFORCEMENT SCHEDULE**

REINFORCEMENT TYPE	REINFORCEMENT A&B	REINFORCEMENT C	REINFORCEMENT D
PIPE N.D. 750 - 1200	SL82	SL82	SL82

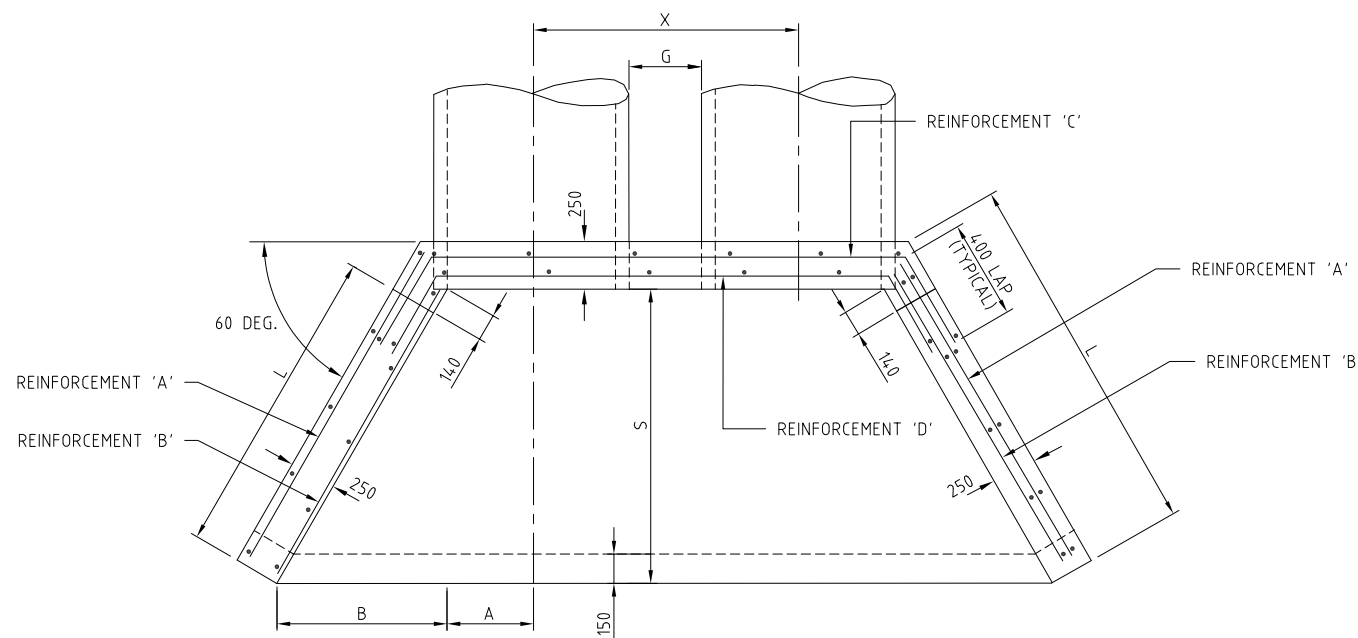
**HEADWALL DIMENSIONS SCHEDULES**

NOMINAL PIPE SIZE d	TABLE 1: SKEW 0 DEG.							
	D	H	A	X	G	L	B	S
750	864	963	381	1,244	380	1,380	762	1,320
900	1,042	1,122	457	1,409	380	1,650	900	1,558
1,050	1,220	1,280	533	1,574	380	1,930	1,038	1,798
1,200	1,372	1,439	609	1,765	406	2,203	1,175	2,035

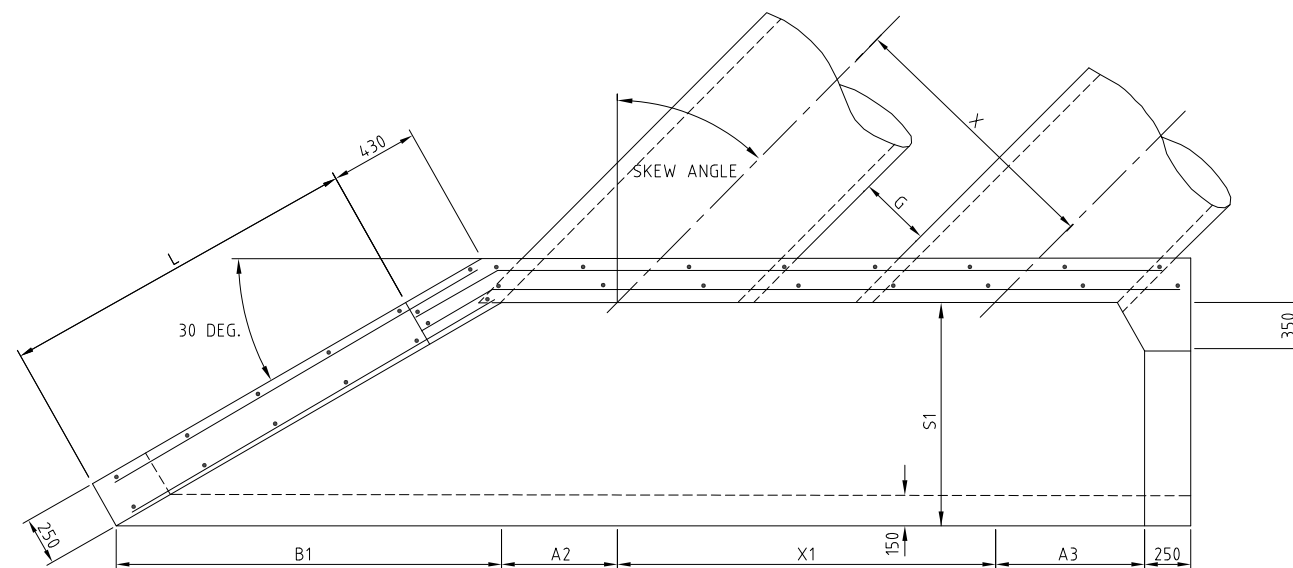
NOMINAL PIPE SIZE d	TABLE 2: SKEW 15 DEG.							
	D	H	A1	X1	G	L	B	S
750	864	963	520	1,288	380	1,380	762	1,320
900	1,042	1,122	610	1,459	380	1,650	900	1,558
1,050	1,220	1,280	690	1,629	380	1,930	1,038	1,798
1,200	1,372	1,439	780	1,827	406	2,203	1,175	2,035

NOMINAL PIPE SIZE d	TABLE 4: SKEW 45 DEG.								
	D	H	A2	A3	X1	G	L	B1	S1
750	864	963	539	686	1,759	380	2,390	2,445	1,412
900	1,042	1,122	546	803	1,993	380	2,862	2,850	1,648
1,050	1,220	1,280	754	919	2,226	380	3,341	3,268	1,887
1,200	1,372	1,439	863	1,036	2,496	406	3,816	3,683	2,127

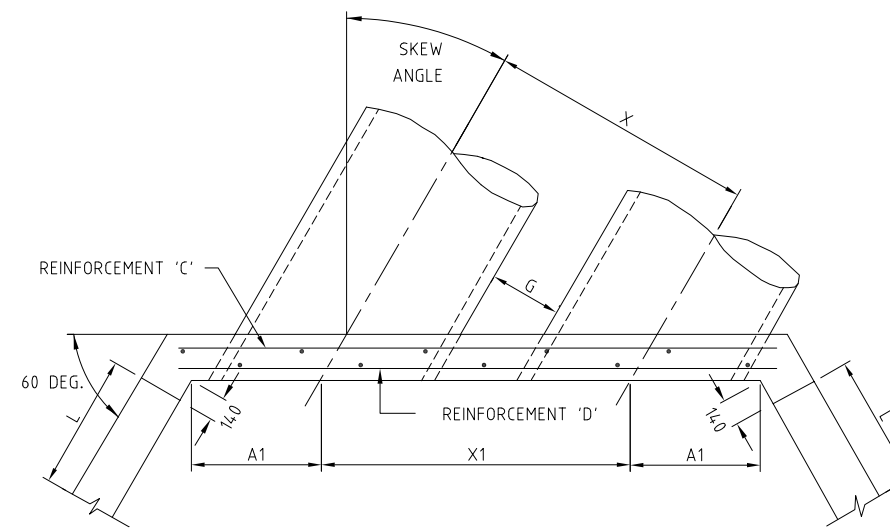
NOMINAL PIPE SIZE d	TABLE 3: SKEW 30 DEG.							
	D	H	A1	X1	G	L	B	S
750	864	963	570	1,435	380	1,380	762	1,320
900	1,042	1,122	670	1,627	380	1,650	900	1,558
1,050	1,220	1,280	764	1,817	380	1,930	1,038	1,798
1,200	1,372	1,439	860	2,038	406	2,203	1,175	2,035



**PLAN SQUARE HEADWALL**



**PLAN 35 TO 45 SKEW**



**PLAN UP TO 30 SKEW**



**ACT**  
Government

**STANDARD DRAWING**

**PIPE CULVERTS  
750 - 1200 DIA  
HEADWALLS**  
NOT TO SCALE

Authorised: *[Signature]*

Latest Revision Details

Rev	Amendment	Date
0	BASED ON DRG ST-0022	14/01/19
Drawing No. ACTSD-0852		Revision 0