

TANKS ARE BUILT PER ASTM D 1998.
CABLE BREAKING STRENGTH TO BE A MINIMUM
2 TIMES THE CALCULATED CABLE TENSION
ASSMANN CORPORATION IS NOT RESPONSIBLE FOR CONCRETE PAD,
ANCHOR BOLTS REQUIRMENTS. FINAL INSPECTION
AND SIGN OFF BY LOCAL ENGINEER

CABLE PULL FORCE: FOUR RESTRAINT CLIP MODELS = 15,100 LBS SIX RESTRAINT CLIP MODELS = 19,300 LBS

CABLES SHOULD BE PRE-TENSIONED TO 3,000 DURING INSTALLATION SIX-HOLD DOWN CABLE ARRANGEMENT GOOD FOR TANKS RANGING IN SIZE FROM 119" DIAMETER TO 143" DIAMETER AND BODY HEIGHTS NOT EXCEEDING 170".

1 1/2"

1 1/2"

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18/

4" X 4" X 1/2" ANGLE IRON

& HOLE

2 1/2"

4″

10"

4"

RESTRAINT CLIP DETAIL

FOUR-HOLD DOWN CABLE ARRANGEMENT GOOD FOR TANKS RANGING IN SIZE FROM 35" DIAMETER TO 105" DIAMETER AND BODY HEIGHTS NOT EXCEEDING 173".

ALL CALCULATIONS WERE PERFOMED TO UBC 1997 STANARDS. CALIFORNIA PE STAMP BASED ON SEISMIC ZONE 4 CONDITIONS. FLORIDA PE STAMP BASED ON 120 MPH WINDLOAD CONDITIONS

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4 241 2	20	4	ACT 1500
4 276 2	20	4	ICT 1200
4 213 2	20	4	ICT 1100
4 244 2	20	4	ICT 1000
	20	4	IFT 950
4 147 4	20	4	ICT 850
4 194 2	20	4	ICT 700
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4 168 2	20	4	ACT 550
4 83 4	20	4	ICT 300
TURNBUCKLES CABLE LENGTH PIECES OF CABLE RE	CLIPS CABLE CLAMPS TUR	RESTRAINT CL	TANK MODEL
(C) (D) (D)	(B)	(A)	
ED TO UBC 1997 STANDARDS	RESTRAINT SYSTEM CERTIFED	RESTI	

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