



Structure ID: M

P1 HWA18 18" - HW AW w/FOOTER

DIMENSIONS & QUANTITIES											
TYPE	PIPE Ø	A	B	C	D	E	F	G	H	WEIGHT W/TOE	WEIGHT
AW	18"	2'-8"	2'-8"	2'-8"	2'-2"	2'-0"	6"	0"	4'-0"	1,630 LBS.	1,380 LBS.

NOTES:

1. CONCRETE: 4500 PSI AT 28 DAYS MINIMUM COMPRESSIVE STRENGTH.
2. REINFORCING: #4 BAR @ 12" C/C E.W.-GRADE 60, (WITH 2" CONCRETE COVER MINIMUM)
3. REINFORCING BARS TO BE TACK WELDED OR TIED.
4. PIPE AND LIFTING ANCHOR POCKETS TO BE GROUTED WITH NON-SHRINK GROUT AFTER SETTING.
5. PERFORMED STEPPED HOLE SIZED AS PER O.D. OF PIPE + 3"-4".
6. OPTIONAL FOOTING (TOE) AVAILABLE FOR ALL SIZES.

PLAN VIEW

FRONT ELEVATION

ISOMETRIC VIEW

SECTION A-A

FOOTING (TOE) DETAIL

PRODUCTION WORK ORDER		PRODUCT I.D.: HWA18	DESCRIPTION: 18in AW HEADWALL
QUALITY CONTROL CHECKLIST ☐ ALL DIMENSIONS CORRECT. ☐ LIFTERS INSTALLED. ☐ STEPPED HF CORRECT SIZE. ☐ REINFORCING CORRECT. ☐ CLEARANCE ON REINFORCING CORRECT. ☐ EDGES CHAMFERED. ☐ ALL PATCHWORK ACCEPTABLE.			