

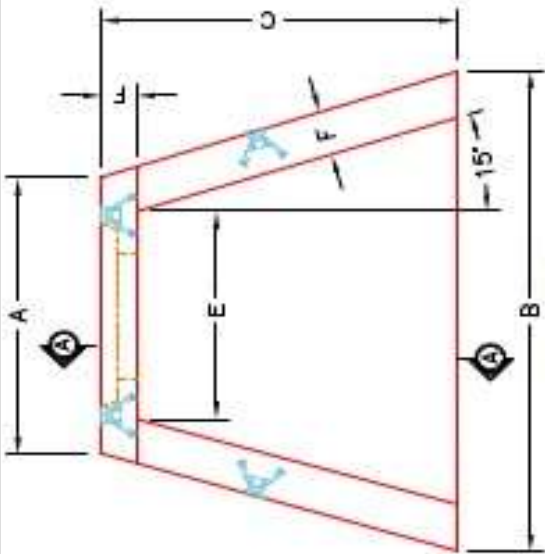


**Structure ID: STM-G4**

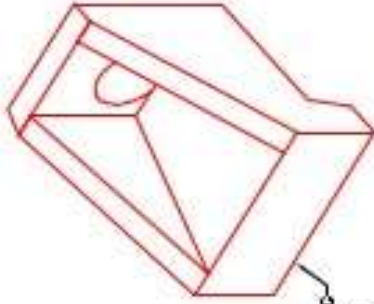
**P1 HAW15F**

**15" - HW AW w/FLAT BOTTOM**

| DIMENSIONS & QUANTITIES |        |       |       |       |       |       |    |    |            |
|-------------------------|--------|-------|-------|-------|-------|-------|----|----|------------|
| TYPE                    | PIPE Ø | A     | B     | C     | D     | E     | F  | G  | WEIGHT     |
| AW                      | 15"    | 2'-8" | 4'-0" | 2'-6" | 2'-2" | 2'-0" | 6" | 0" | 1,380 LBS. |

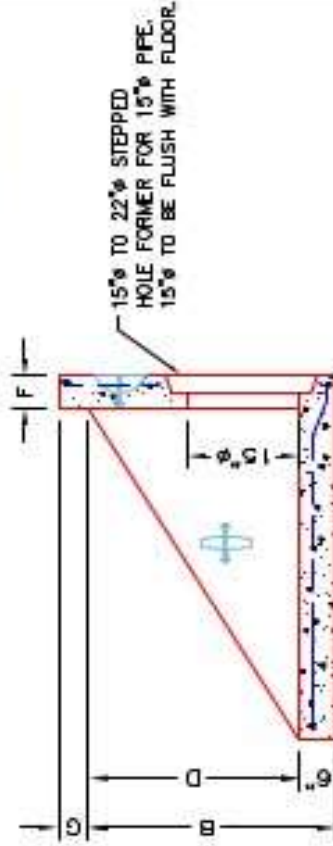


**PLANVIEW**

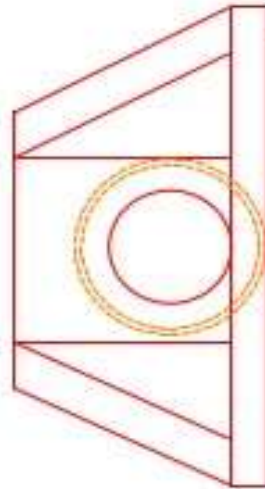


**ISOMETRIC VIEW**

WITH FOOTING  
(SEE DETAIL)



**SECTION A-A**



**FRONT ELEVATION**

**NOTES:**

1. CONCRETE: 4500 PSI AT 28 DAYS MIN. 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.

**PRODUCTION WORK ORDER**

**QUALITY CONTROL CHECKLIST**

- ALL DIMENSIONS CORRECT.
- LIFTERS INSTALLED.
- STEPPED HF CORRECT SIZE.
- REINFORCING CORRECT.
- CLEARANCE ON REINFORCING CORRECT.
- EDGES CHAMFERED.
- ALL PATCHWORK ACCEPTABLE.



|  |
|--|
| DESCRIPTION: AW WINGED HEADWALL FOR 15" PIPE |
| CUSTOMER: STOCK                              |
| PROJECT: STOCK                               |
| STRUCTURE ID: STOCK                          |
| SALES ORDER NO: T.B.D.                       |
| CHECK: A. WELLS                              |
| DRAWING: J. HORSLEY                          |
| DATE: 09/25/24                               |
| SCALE: NTS                                   |
| PG. 1 of 1                                   |

|                             |  |
|-----------------------------|--|
| PRODUCT I.D.: HAW15F        | DESCRIPTION: AW WINGED HEADWALL FOR 15" PIPE |
| PRODUCT VIEW: RIGHT SIDE UP | CUSTOMER: STOCK                              |
| PLANT: BEAVER DAM, KY.      | PROJECT: STOCK                               |
| WEIGHT: 1,630 LBS.          | STRUCTURE ID: STOCK                          |
| TOP SECTION JOINT: N/A      | SALES ORDER NO: T.B.D.                       |
| BASE SECTION JOINT: N/A     | CHECK: A. WELLS                              |
| QC CHECK INITIALS:          | DRAWING: J. HORSLEY                          |
|                             | DATE: 09/25/24                               |
|                             | SCALE: NTS                                   |
|                             | PG. 1 of 1                                   |