

Job Name: 25-1401 Irwin Landing Ph. 1

Job Location: Murfreesboro, TN

Contractor: Bear Construction LLC

Plant: Beaver Dam

6/10/2026 3:17:09 PM

Tech: S. Felletter

PC: Erica Bradley

INFRASTRUCTURE
PRECAST

Structure ID: R38

P1 HWA18F

18" - HW AW w/FLAT BOTTOM F/F

TYPE

PIPE Ø

A

B

C

D

E

F

H

WEIGHT

AW

18"

2'-8"

2'-8"

2'-6"

2'-2"

2'-0"

6"

4'-0"

1,380 LBS.

W/TOE

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. PREFORMED STEPPED HOLE SIZED AS PER O.D. OF PIPE + 3"-4".

6. OPTIONAL FOOTING (TOE) AVAILABLE FOR ALL SIZES.

PLAN VIEW

2'-8"

2'-0"

15"

6"

4'-0"

26" DIA HOLE STEPPED DOWN TO 18" DIA FOR 18" PIPE RECESSED 4" INTO FLOOR

18"

2'-0"

4'-0"

FLAT BOTTOM NO TOE

ISOMETRIC VIEW

SECTION A-A

3'-2"

2'-2"

6"

2'-6"

SECTION A-A

PRODUCT I.D.: HWA18F

PRODUCT VIEW: RIGHT SIDE UP

PLANT: BEAVER DAM, KY.

WEIGHT: 1,380 LBS.

TOP SECTION JOINT: N/A

BASE SECTION JOINT: N/A

QC CHECK INITIALS:

QUALITY CONTROL CHECKLIST

☐ ALL DIMENSIONS CORRECT.

☐ LIFTERS INSTALLED.

☐ STEPPED HF CORRECT SIZE.

☐ REINFORCING CORRECT.

☐ CLEARANCE ON REINFORCING CORRECT.

☐ EDGES CHAMFERED.

☐ ALL PATCHWORK ACCEPTABLE.

PRODUCTION WORK ORDER

PRODUCT I.D.: HWA18F

PRODUCT VIEW: RIGHT SIDE UP

PLANT: BEAVER DAM, KY.

WEIGHT: 1,380 LBS.

TOP SECTION JOINT: N/A

BASE SECTION JOINT: N/A

QC CHECK INITIALS:

DESCRIPTION: 18in AW WINGED HEADWALL, FLAT

CUSTOMER: STOOK

PROJECT: STOOK

STRUCTURE ID.: T.B.D.

SALES ORDER NO: T.B.D.

PC: B. KELLY

DRAWING: J. HORSLEY

DATE: 10/30/23

SCALE: NTS

PG. 1 of 1

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