



Structure ID: QL3 HW - 2

P1 HWSF18

18" - SLOPED & FLARED HEADWALL F/F

DIMENSIONS										
PIPE Ø	A	B	C	D	E	F	G	H	I	WEIGHT
18"	3'-0"	3'-8"	2'-3"	1'-6"	4'-6"	4"	2 1/2"	2'-2"	5'-2"	3,640 LBS.

PLAN VIEW

15'

8"

"A"-ANCHOR LIFTING SYSTEM FOR PLANT & FIELD HANDLING.

ISOMETRIC VIEW

18" Ø HEADWALL

18" Ø TO 26" Ø STEPPED HOLE FORMER FOR 18" Ø PIPE. 18" Ø TO BE FLUSH WITH FLOOR.

SECTION A-A

10"

8"

5"

8"

4"

FRONT ELEVATION

NOTES:

- CONCRETE: 4500 PSI @ 28 DAYS.
- REINFORCING: #4 BAR @ 12" C/C E.W.-GRADE 60, (WITH 2" CONCRETE COVER MINIMUM)
- REINFORCING BARS TO BE TACK WELDED OR TIED.
- DRAWING TO BE USED IN CONJUNCTION WITH KYTC STD. DRAWING RDH-000-03 AND THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- CHAMFER ON ALL EXPOSED EDGES.

PRODUCTION WORK ORDER	
QUALITY CONTROL CHECKLIST	PRODUCT I.D.: HWSF18
☐ ALL DIMENSIONS CORRECT.	PRODUCT VIEW: RIGHT SIDE UP
☐ LIFTERS INSTALLED.	PLANT: BEAVER DAM, KY.
☐ STEPPED IF CORRECT SIZE.	WEIGHT: 3,640 LBS.
☐ REINFORCING CORRECT.	TOP SECTION JOINT: N/A
☐ DISSIPATOR BLOCK INSTALLED.	BASE SECTION JOINT: N/A
☐ EDGES CHAMFERED.	QC CHECK INITIALS:
☐ ALL PATCHWORK ACCEPTABLE.	

DESCRIPTION: KYTC 18" Ø SLOPED & FLARED HEADWALL	
CUSTOMER: STOCK	
PROJECT: STOCK INVENTORY	
STRUCTURE ID.: N/A	
QUOTE/SALES ORDER NO: N/A	
CHECK: JH. ROSS, PE	DRAWING: N. RICHARDS
DATE: REV. 4/22/24	SCALE: NTS
PG. 1 of 1	

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