



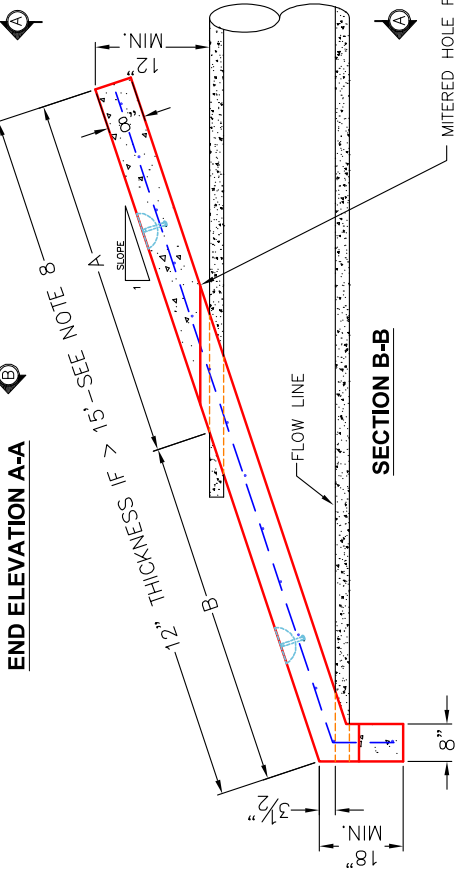
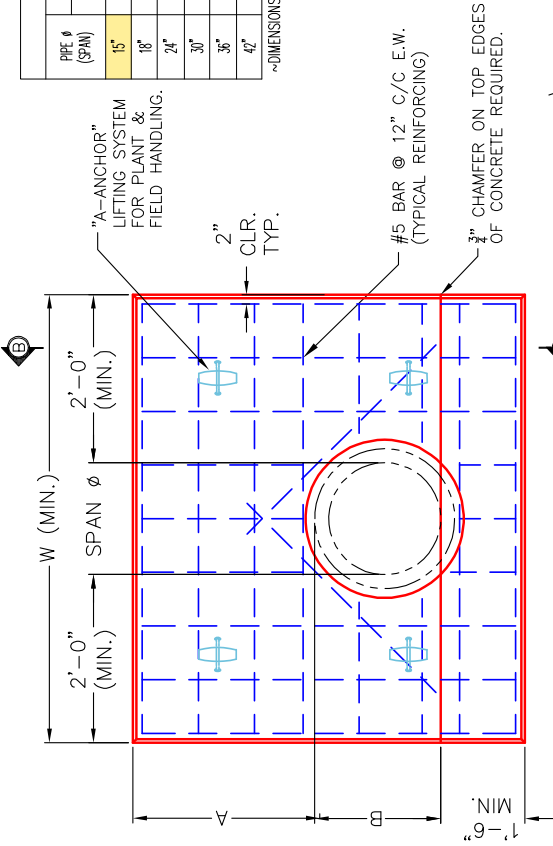
Structure ID: ICAST LI9 (1)

P1 HWCUSTOM

15" - HW SLOPED & MITERED 6:1 F/F

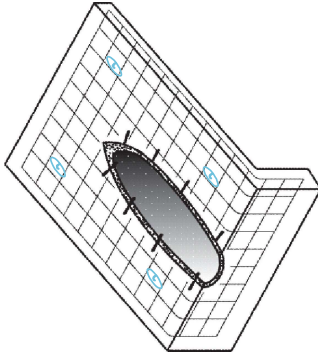
DIMENSIONS & CONCRETE QUANTITIES FOR PIPE WITH A 0° SKEW									
PIPE Ø (SPAN)	3:1 SLOPE			4:1 SLOPE			6:1 SLOPE		
	A	B	W	A	B	W	A	B	W
15"	3'-0"	3'-8"	5'-3"	4'-0"	4'-9"	5'-3"	6'-0"	7'-0"	5'-3"
18"	3'-0"	4'-6"	5'-6"	4'-0"	5'-10"	5'-6"	6'-0"	8'-6"	5'-6"
24"	3'-0"	6'-4"	6'-0"	4'-0"	8'-0"	5'-0"	6'-0"	12'-0"	6'-0"
30"	3'-0"	8'-0"	6'-4"	4'-0"	10'-4"	6'-0"	NOT AVAILABLE AS PRECAST	NOT AVAILABLE AS PRECAST	NOT AVAILABLE AS PRECAST
36"	3'-0"	9'-8"	7'-0"	4'-0"	12'-8"	7'-0"	NOT AVAILABLE AS PRECAST	NOT AVAILABLE AS PRECAST	NOT AVAILABLE AS PRECAST
42"	3'-0"	11'-4"	7'-6"	4'-0"	14'-10"	7'-6"	NOT AVAILABLE AS PRECAST	NOT AVAILABLE AS PRECAST	NOT AVAILABLE AS PRECAST

~DIMENSIONS & CONCRETE QUANTITIES ARE APPROXIMATE AND SHALL BE ADJUSTED AS NEEDED.

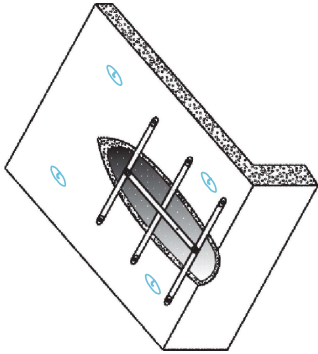


NOTES:

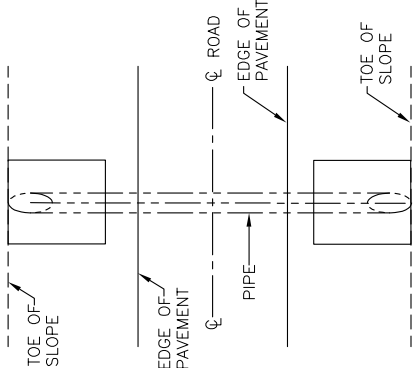
1. CONCRETE: KYTC APPROVED.
2. REINFORCING: #5 BAR @ 12" C/C E.W. - GRADE 60, (WITH 2" CONCRETE COVER MINIMUM)
3. REINFORCING BARS TO BE TACK WELDED OR TIED.
4. LIFTING ANCHOR POCKETS TO BE GROUTED.
5. WITH KYTC APPROVED NON-SHRINK GROUT.
6. DRAWING TO BE USED IN CONJUNCTION WITH KYTC DRAWINGS AND SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
7. #3 CHAMFER REQUIRED ON ALL EXPOSED EDGES.
8. PREFORMED STEPPED HOLE SIZED AS PER O.D. OF MITERED (SKEWED) PIPE + 3"-4".
9. HEADWALL LENGTHS THAT ARE IN EXCESS OF 15' SHALL BE 12" THICK.
10. THE FOLLOWING SITUATIONS REQUIRE A HEADWALL WITH A GRATE (NOT SHOWN):
 - 24" PIPE ON A GREATER THAN 30° SKEW (SEE DWG. SM-HWS FOR DETAILS).
 - 30" PIPE ON A GREATER THAN 15° SKEW (SEE DWG. SM-HWS FOR DETAILS).
 - PIPE WITH GREATER THAN 30°.
 - ELLIPTICAL PIPE GREATER THAN 24" EQUIVALENT DIAMETER.



ISOMETRIC VIEW
(WITHOUT GRATE)



ISOMETRIC VIEW
(WITH GRATE-SEE NOTE 9)



PLAN VIEW
(TYPICAL EXAMPLE)



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KYTC SLOPED & MITERED
PRECAST CONCRETE HEADWALL

DRAWING NO.: ET-KYTC-130 | DATE: 01-14-25

REVIEWED BY: J.H. ROSS, PE | DRAWN BY: N. RICHARDS

WEB: WWW.ICASTING.COM | SCALE: NTS