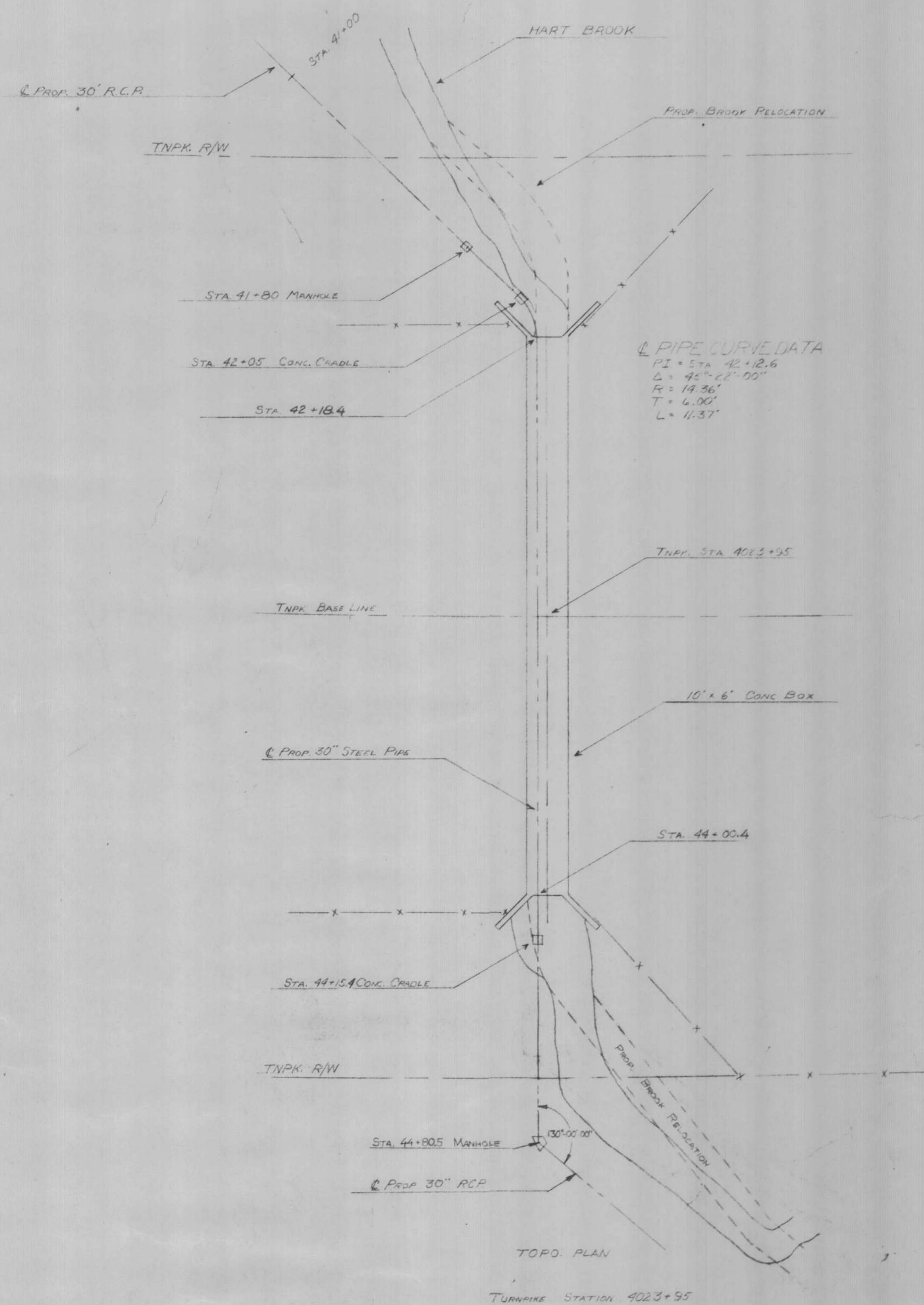
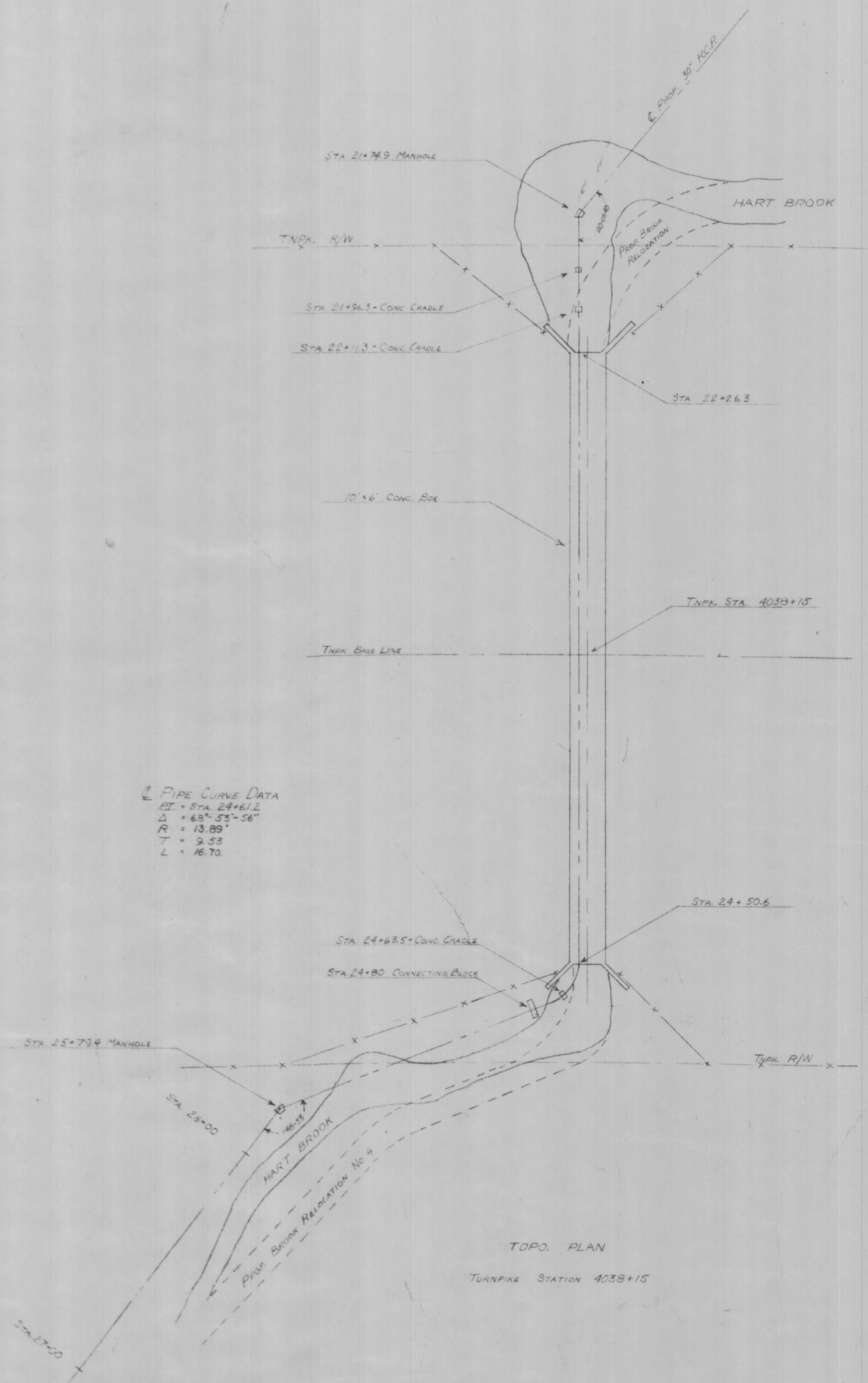
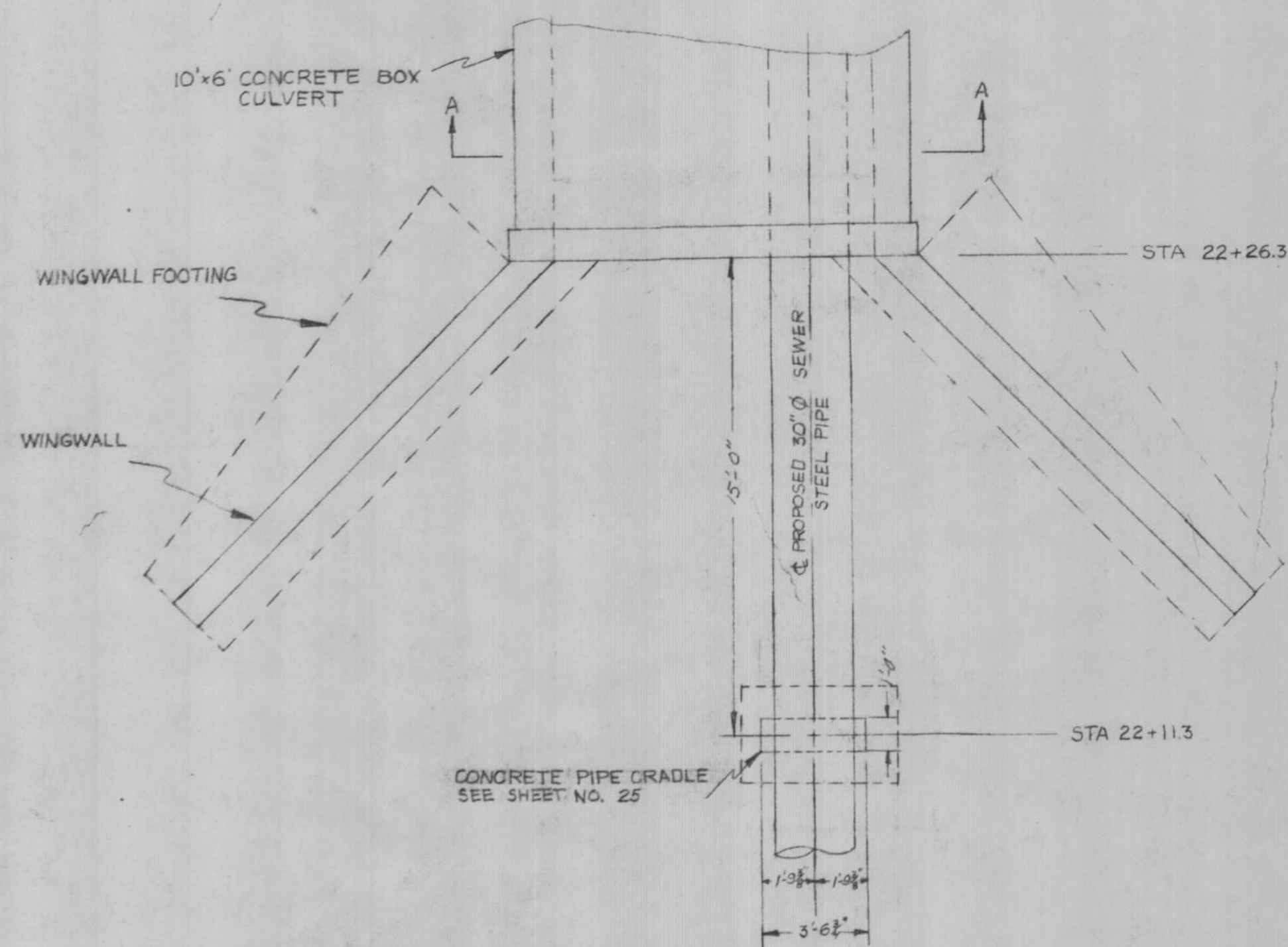
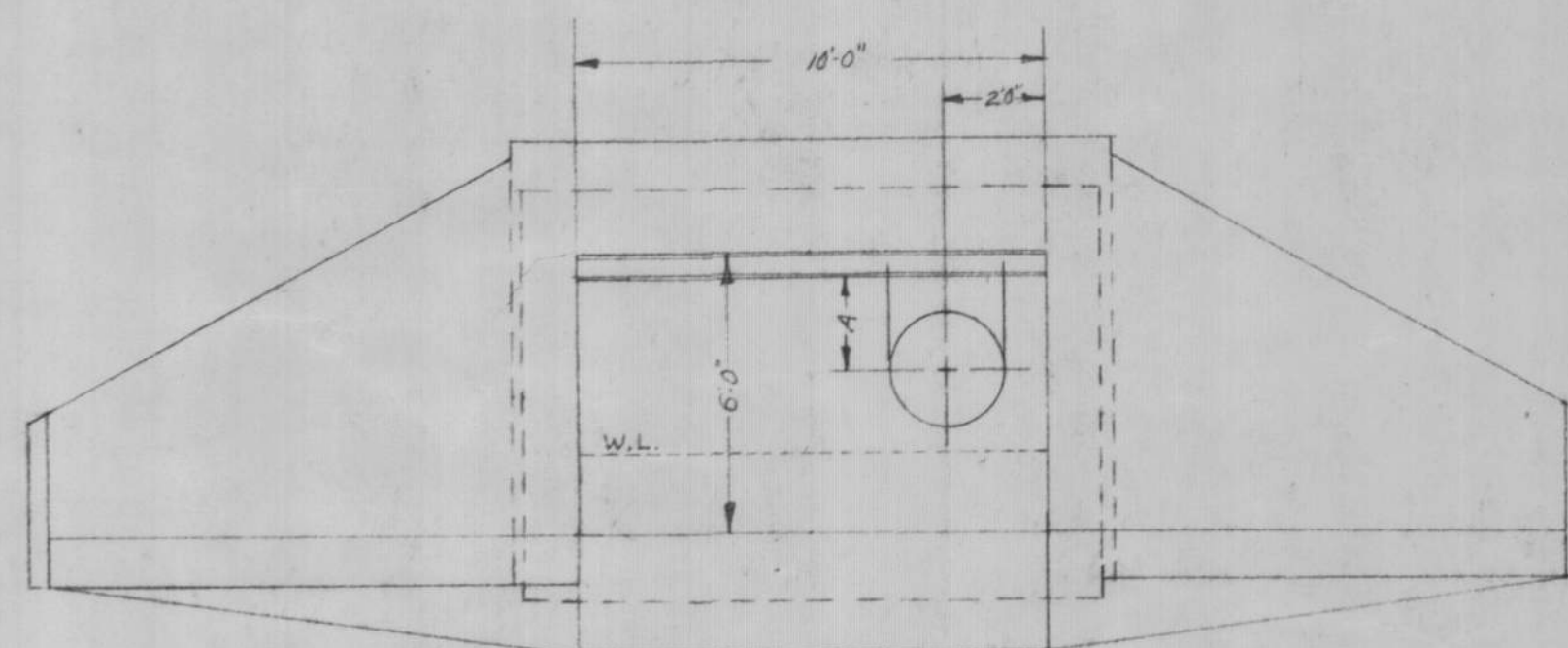




CITY OF LEWISTON	
HART BROOK SEWER	
TOPO-TURNPIKE CROSSINGS	
SCALE: $\frac{3}{8}" = 10'$	DRAWN BY: W.R.A.
DATE: 11-1-53	CHECKED BY: W.L.P.
W. R. ADAMS - CITY ENGINEER	
DRWG. NO. 9-195-53	SHEET 28 OF 33

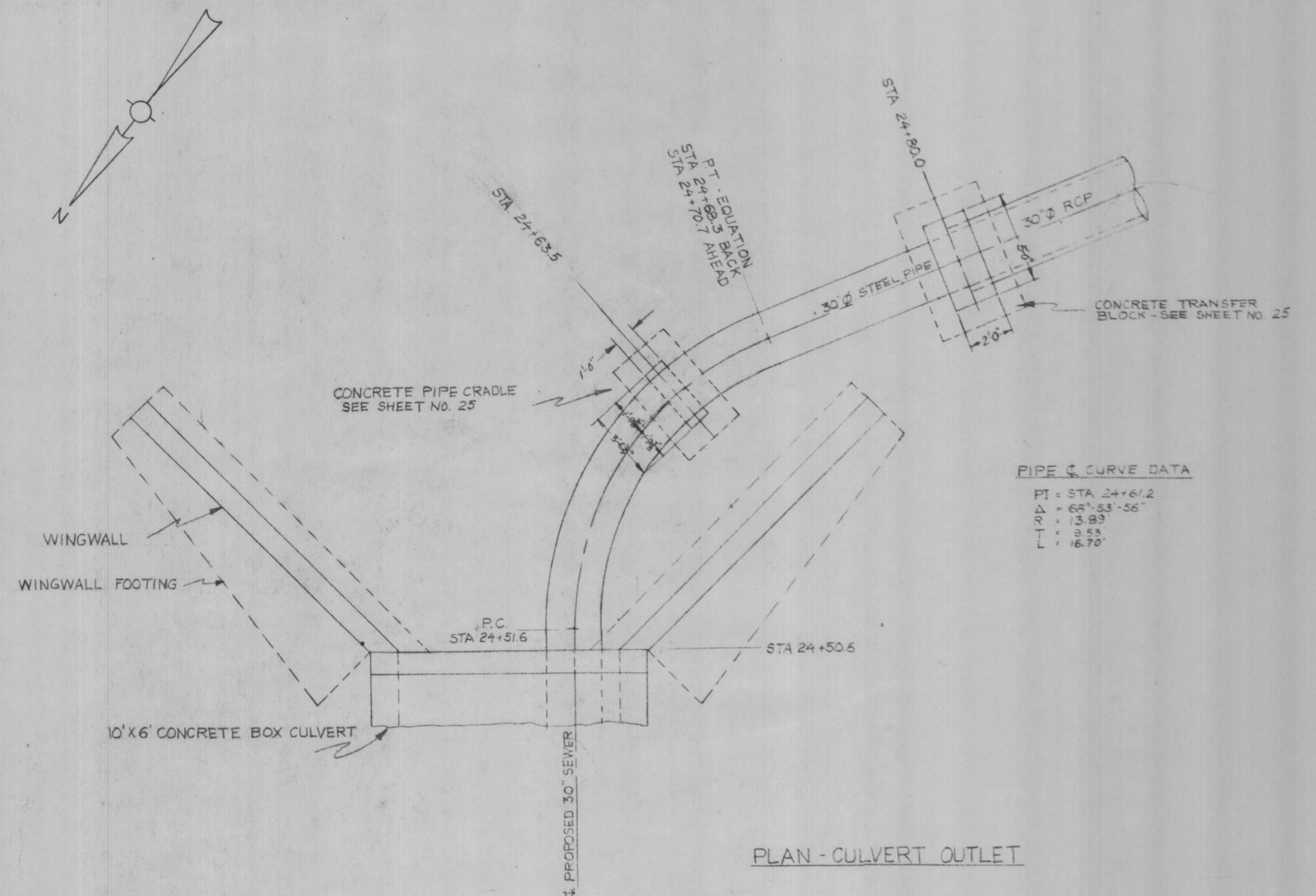


PLAN - CULVERT INLET



NOTE:
DIMENSION "A" VARIES BECAUSE
CULVERT SLOPE IS DIFFERENT
THAN PIPE SLOPE.

ELEVATION - CULVERT INLET



PLAN - CULVERT OUTLET

NOTE:

1. ELEVATION VIEW OF CULVERT OUTLET SAME AS INLET EXCEPT PIPE TO LEFT.
2. CULVERT DETAILS FROM M.T.A. PLAN TITLED "SINGLE BOX CULVERT 10'x6' STATION 4038+15" SHEET D-21 OF 37.
3. SEE SHEET NO. 31 FOR SECTION A-A

CITY OF LEWISTON

HART BROOK SEWER

PLAN AT TURNPIKE CULVERT
TNPK STA. 4038+15

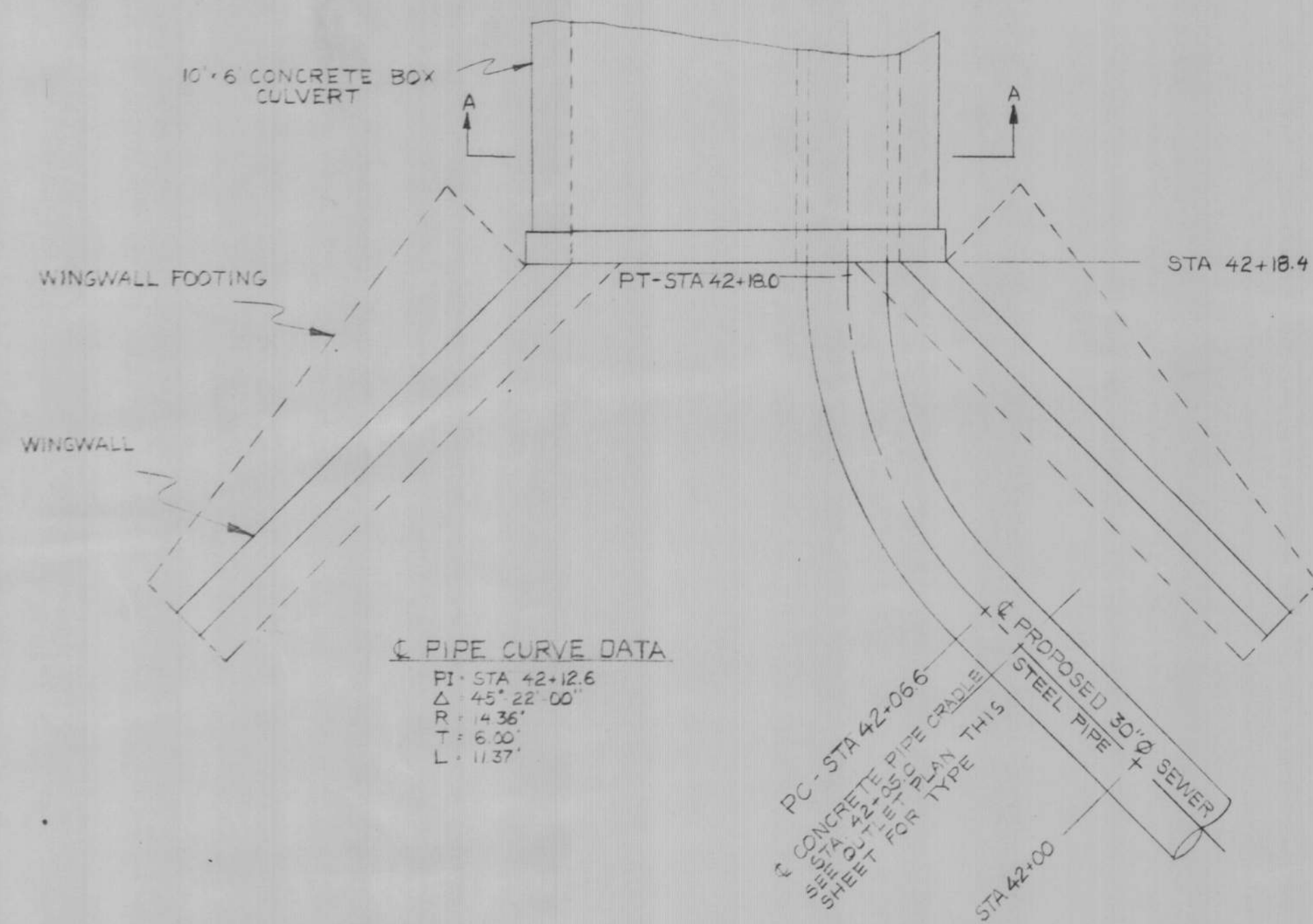
SCALE: 1/4" = 1'-0"
DATE: 10-27-58

DRAWN BY: HHH

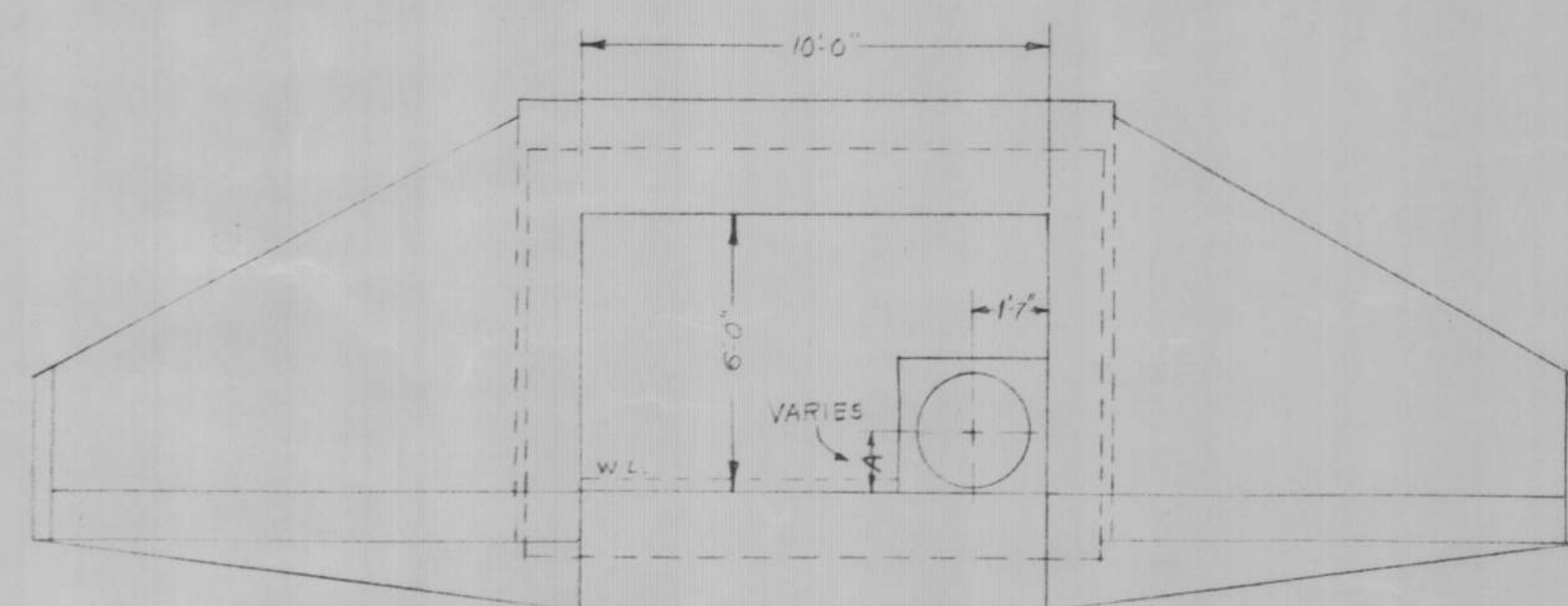
CHECKED BY: W.R.A.

W. R. ADAMS CITY ENGINEER

DRWG. No. 9-195-59 SHEET 29 OF 33

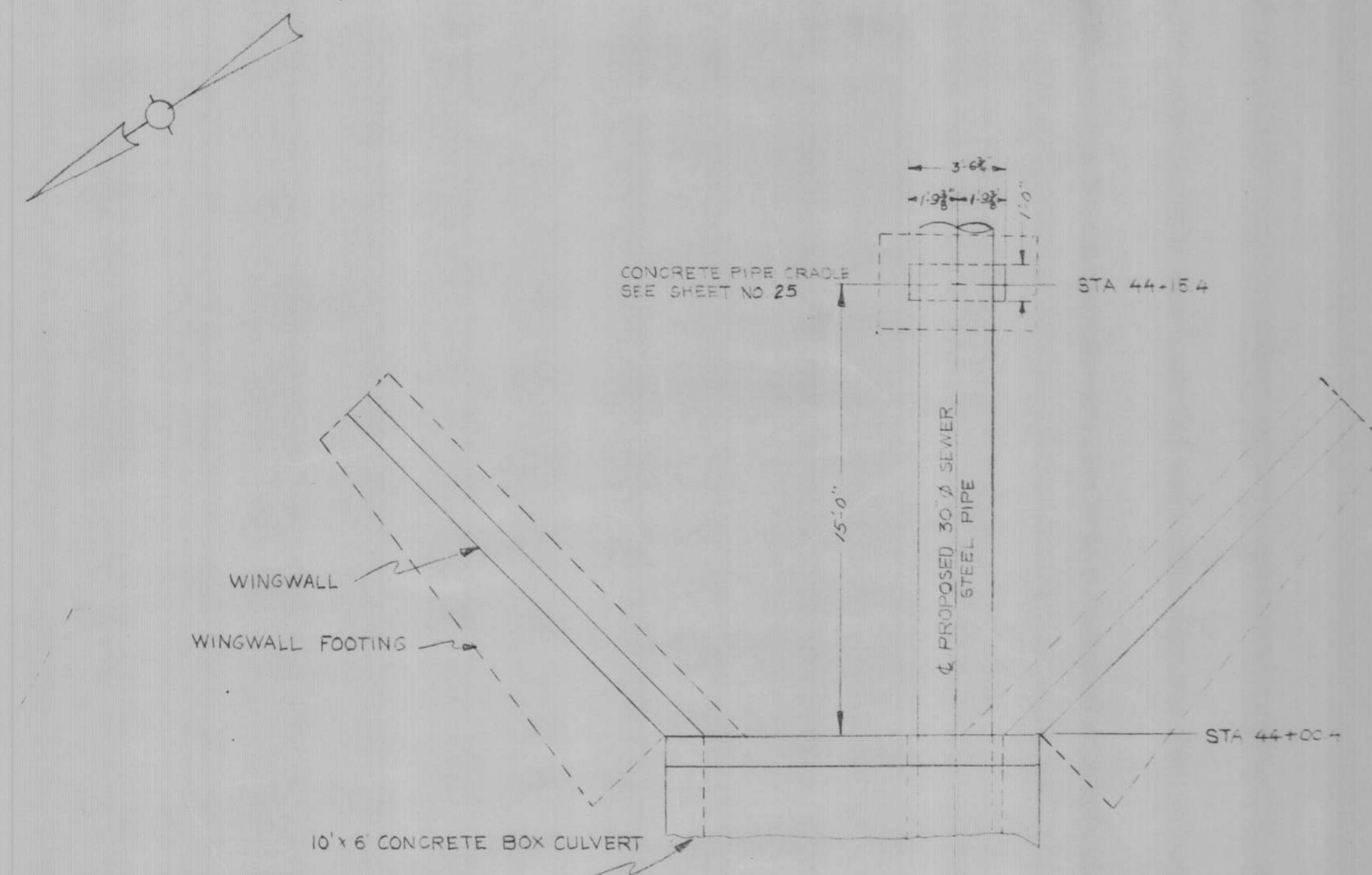


PLAN - CULVERT INLET



NOTE:
DIMENSION A VARIES BECAUSE
CULVERT SLOPE IS DIFFERENT
THAN PIPE SLOPE.

ELEVATION - CULVERT INLET



PLAN - CULVERT OUTLET

- NOTE:
1. ELEVATION VIEW OF CULVERT OUTLET SAME AS INLET EXCEPT PIPE TO LEFT.
 2. CULVERT DETAILS FROM INITIAL PLAN TITLED "SINGLE BOX CULVERT 10' x 6' STATION 4023+95" SHEET D-20 OF 37.
 3. CONCRETE GRADE CONTINUOUS IN CULVERT.
 4. SEE SHEET NO. 31 FOR SECTION A-A.

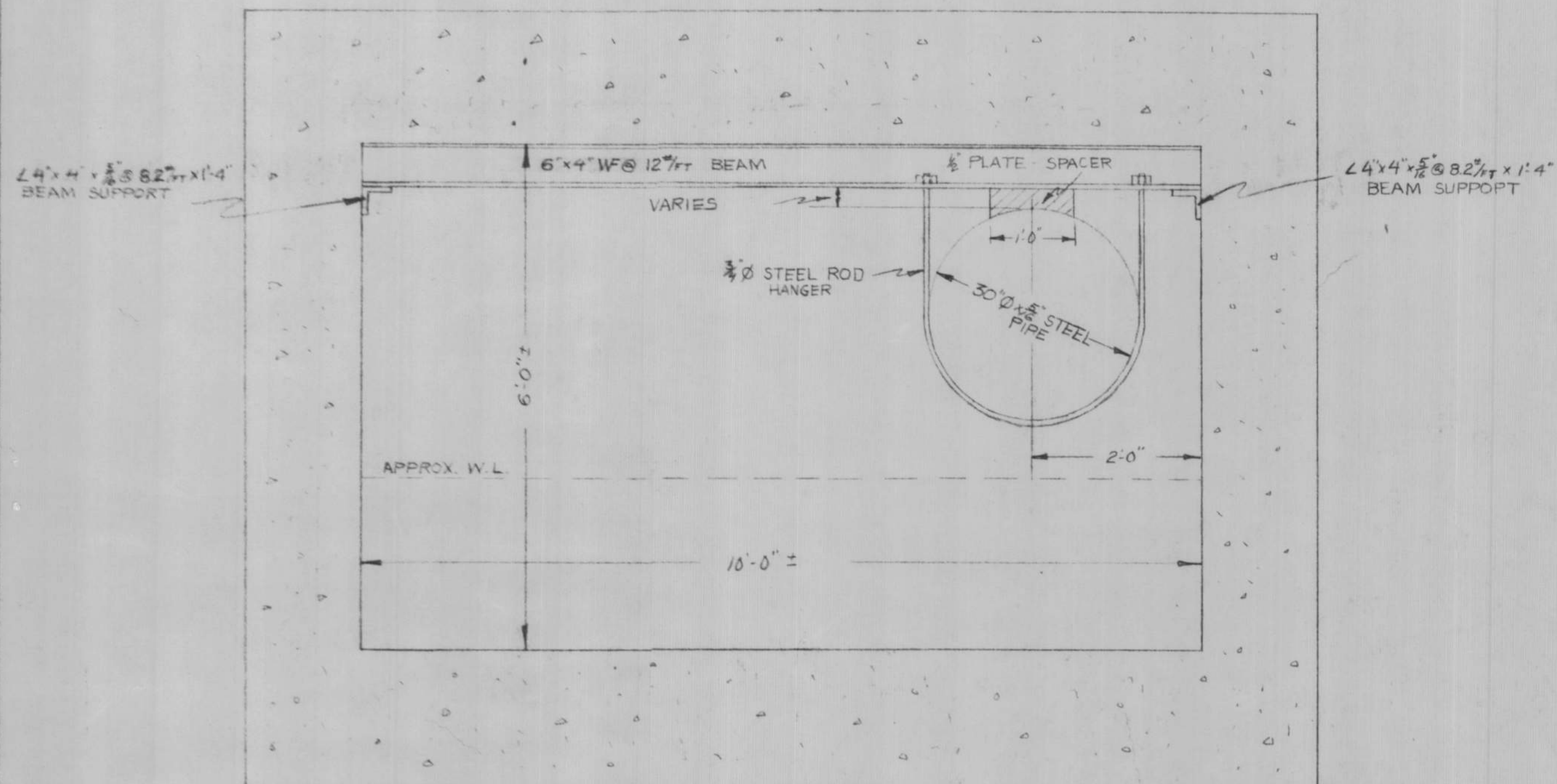
CITY OF LEWISTON

HART BROOK SEWER

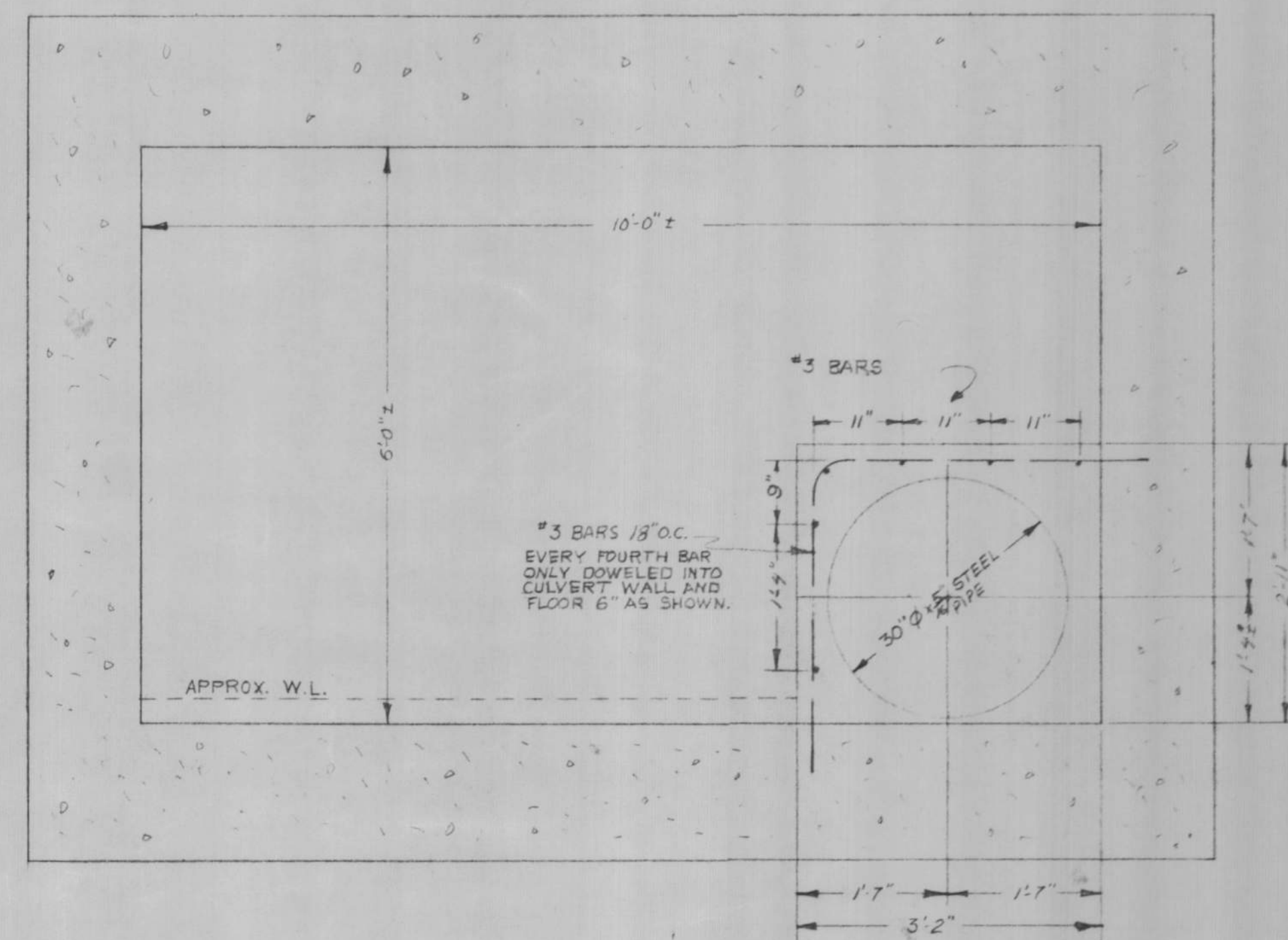
PLAN AT TURNPIKE CULVERT
TNPK STA. 4023+95

SCALE: 1/4" = 1'-0" DRAWN BY: HHH
DATE: 11-1-55 CHECKED BY: WRA

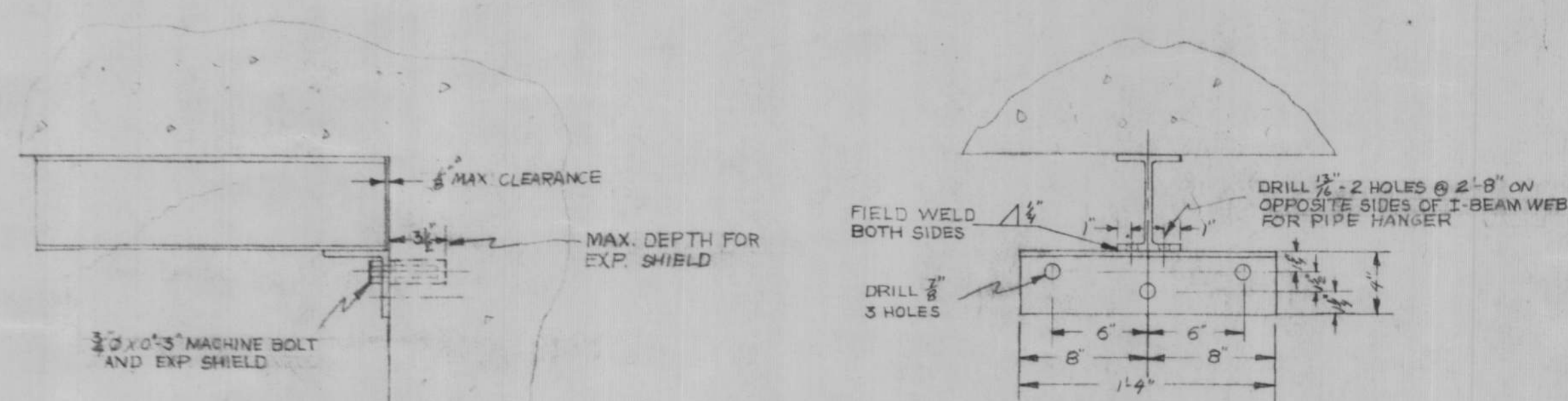
W. R. ADAMS CITY ENGINEER
DRWG. No. 9-195-58 SHEET 30 OF 33



SECTION A-A - SHEET NO. 29
SCALE: $\frac{3}{8}$ " = 1'-0"



SECTION A-A - SHEET NO. 30
SCALE: $\frac{3}{8}$ " = 1'-0"



DETAIL @ BEAM SUPPORTS
SCALE: $\frac{1}{2}$ " = 1'-0"

- NOTE:
1. CONCRETE SHALL TEST 3000 PSI AT 28 DAYS
 2. REINFORCING STEEL SHALL BE STANDARD DEFORMED BARS
 3. LAPS SHALL BE 20 DIAMETERS, BENDS 6 DIAMETERS AND FORMED COLD.
 4. REINFORCING STEEL SHALL HAVE 2" COVER.
 5. ALL STRUCTURAL STEEL RODS AND PLATES SHALL BE SHOP PAINTED ONE COAT OF RUST-O-LEUM AND FIELD PAINTED AFTER ERECTION WITH COAL TAR ENAMEL. ANY DAMAGE TO THE SHOP PAINT SHALL BE REPAIRED BEFORE COAL TAR ENAMELING.
 6. ALL WELDS SHALL BE CLEANED BY CHIPPING AND WIRE BRUSHING TO BRIGHT METAL AND PAINTED WITH RUST-O-LEUM BEFORE COAL TAR ENAMELING.
 7. ALL HOLES IN STEEL SHALL BE DRILLED OR PUNCHED.
 8. THAT PORTION OF THE 1/2" PLATE SPACER IN CONTACT WITH THE 30" Ø PIPE SHALL BE MACHINE CUT OR BURNED AND GROUND SMOOTH TO REMOVE ALL BURRS. THE PLATE SHALL BE WELDED TO THE BEAM ONLY.
 9. WHEREVER DRILLING OF THE CULVERT STRUCTURE ENCOUNTERS REINFORCING STEEL THAT HOLE SHALL BE ABANDONED AND FILLED WITH GROUT AND A NEW HOLE DRILLED TO CLEAR THE STEEL.
 10. CULVERT DETAILS FROM M.T.A. PLANS TITLED: 'SINGLE BOX CULVERT 10'x6' STA 4023+95' SHEET D-20, AND 'SINGLE BOX CULVERT 10'x6' STA 4038+15' SHEET D-21.
 11. DIMENSIONS OF CULVERT BARREL NOT VERIFIED IN FIELD.
 12. AFTER ERECTION, THAT PORTION OF THE STEEL PIPE BETWEEN STA 22+26 AND 24+51 SHALL BE PAINTED WITH A BITUMASTIC TYPE PAINT OR WRAPPED WITH A WATERPROOF WRAPPING AS DIRECTED BY THE CITY ENGINEER

NOTE:
6" WF PLACEMENT -
1 - 8" FROM UPSTREAM END OF CULVERT @ STA 22+27.0
22 - ON 10'-0" CENTERS FROM STA 22+27.0 TO 24+47.0
1 - 8" FROM DOWNSTREAM END OF CULVERT @ STA 24+49.9

CITY OF LEWISTON	
HART BROOK SEWER	
DETAILS AT TURNPIKE CULVERTS	
SCALE: AS SHOWN	DRAWN BY: HHH
DATE: 10-31-58	CHECKED BY: W. R. A.
W. R. ADAMS	CITY ENGINEER
DRWG. NO. 9-195-58	SHEET 31 OF 33