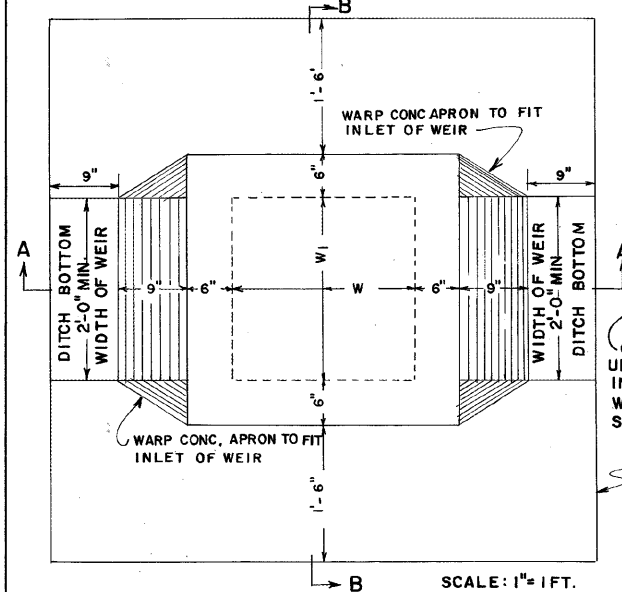
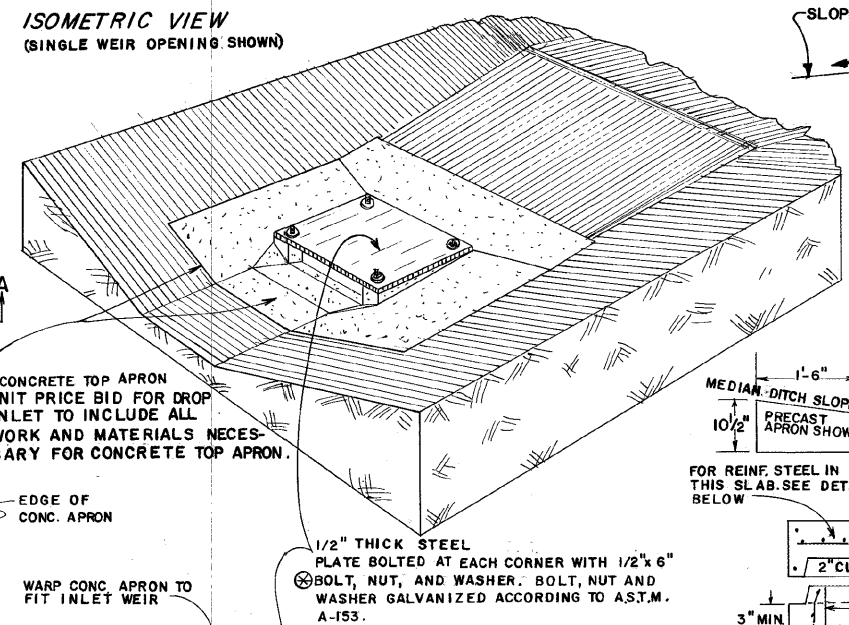


DETAILS OF DROP INLET WITH DOUBLE WEIR OPENING

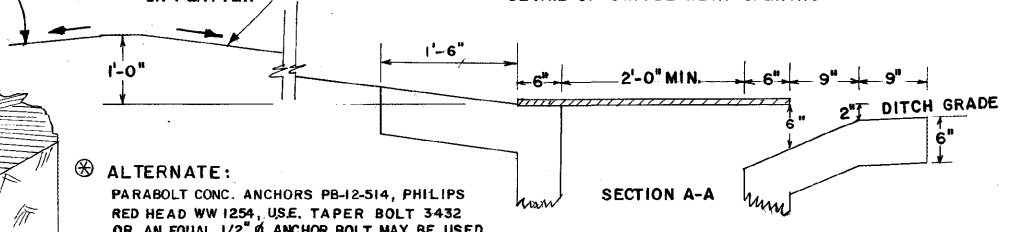


ISOMETRIC VIEW (SINGLE WEIR OPENING SHOWN)



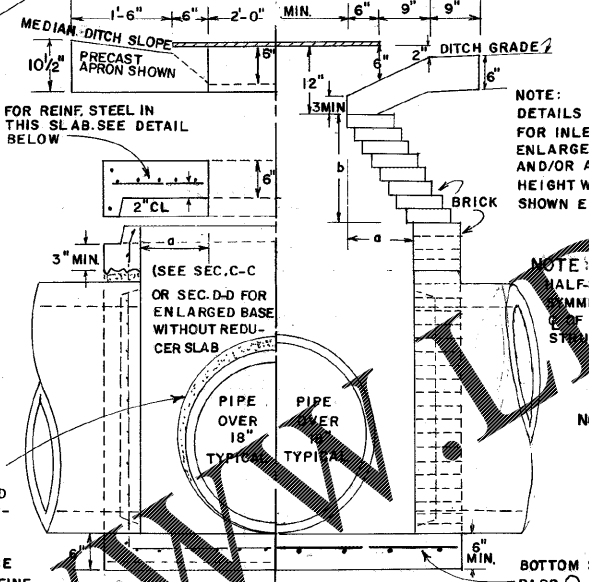
SLOPE 20:1 (REFERENCED TO DITCH GRADE) OR FLATTER

DETAIL OF SINGLE WEIR OPENING

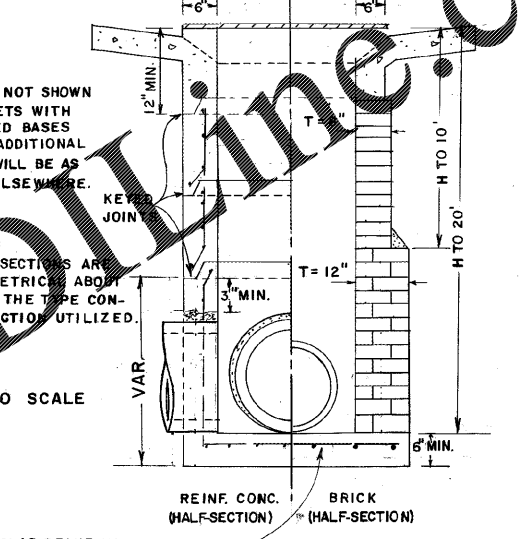


ALTERNATE: PARABOLIC CONC. ANCHORS PB-12-514, PHILIPS RED HEAD WW 1254, USE TAPER BOLT 3432 OR AN EQUAL 1/2" Ø ANCHOR BOLT MAY BE USED TO SECURE THE STEEL PLATE.

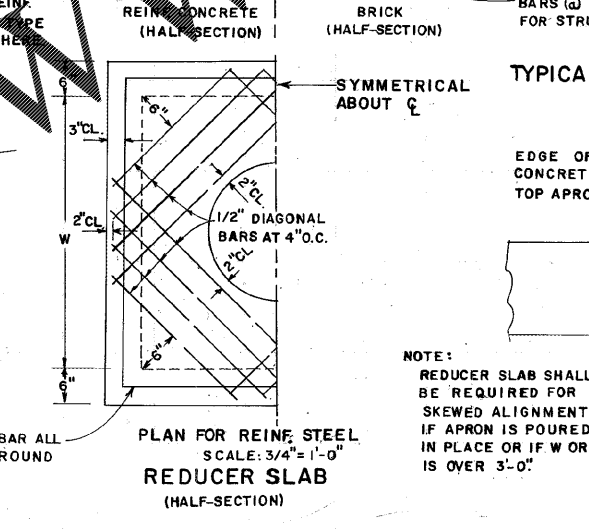
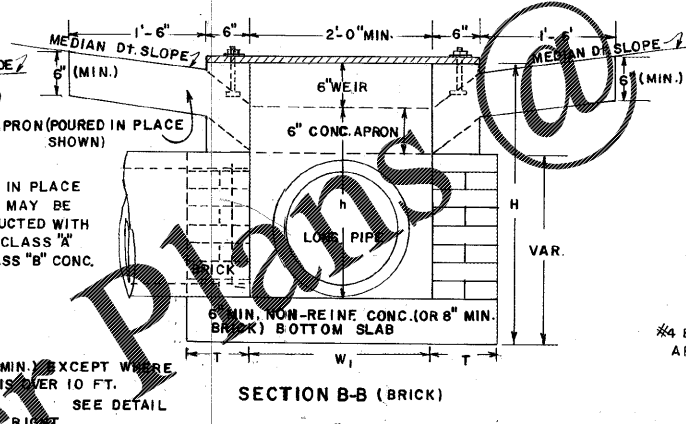
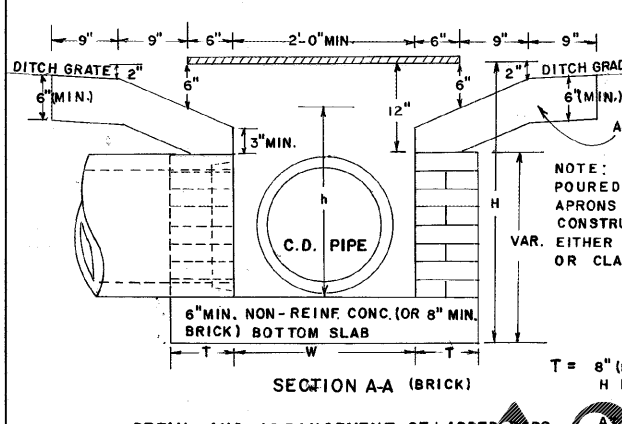
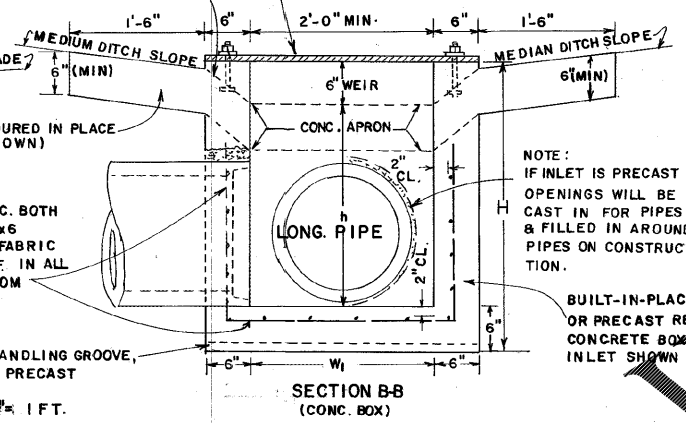
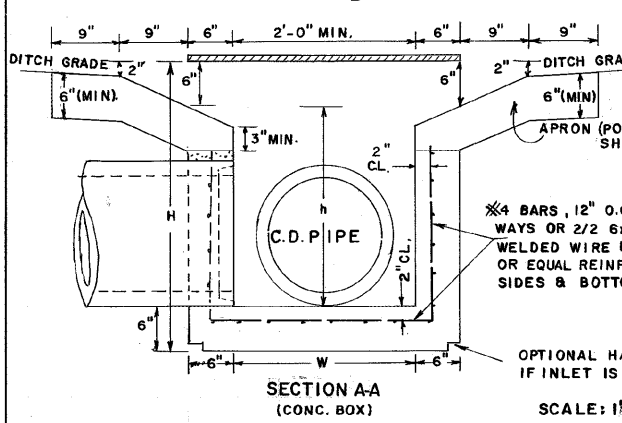
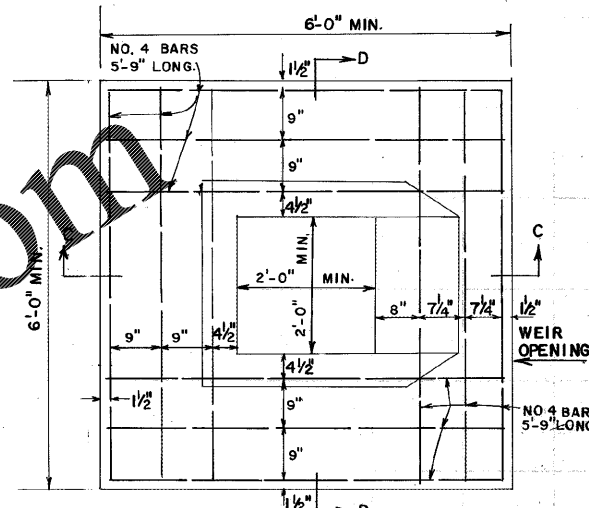
DROP INLET WITH ENLARGED BASE



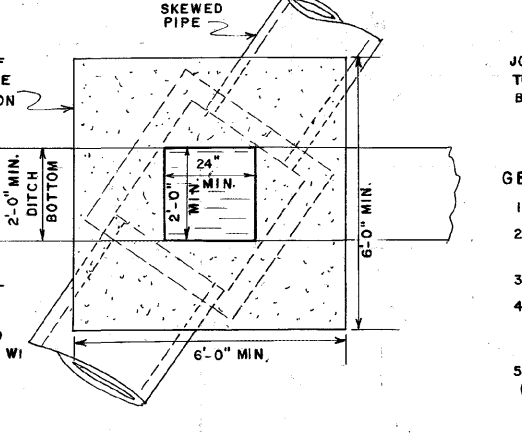
DROP INLET WITH ADDITIONAL HEIGHT
(DETAILS SHOWN ARE TYPICAL BOX ENCLOSURE FOR PIPE MAY BE BRICK MASONRY WITH PRECAST RISERS, ALSO SEE STD. 1040 FOR ADAPTERS USED WITH CIRCULAR ALTERNATES)



REINFORCING FOR OPTIONAL PRECAST APRON (MAY BE USED WITH A PRECAST OR BUILT-IN-PLACE INLET)

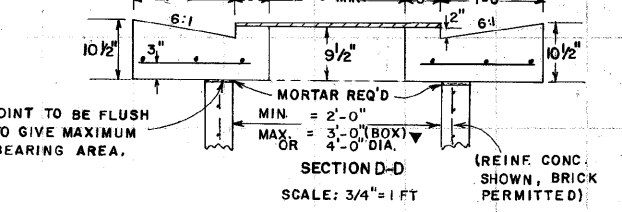


TYPICAL PLAN FOR SKEWED PIPE



NOTE: WHEN USING PRECAST APRON, THE PLATE, BOLTS & OTHER REQUIREMENTS SHALL CONFORM TO THAT SHOWN FOR POURED IN PLACE APRON.

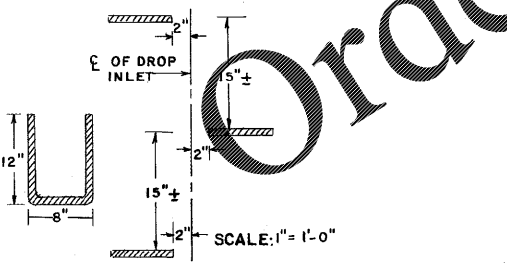
MAXIMUM W OR W₁ PERMITTED WITH PRECAST APRON WITHOUT REDUCER SLAB.



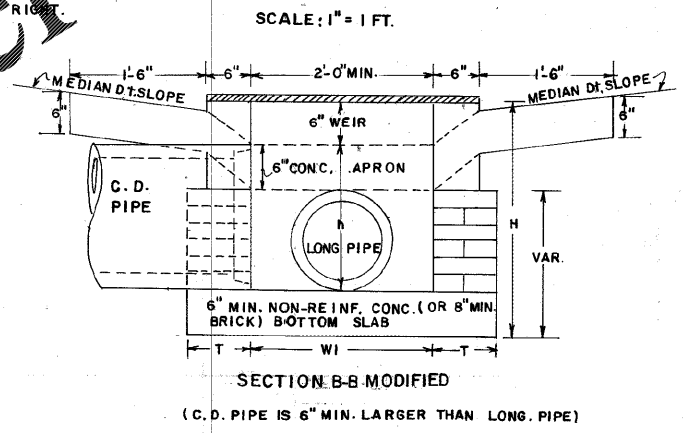
GENERAL NOTES:

- SPECIFICATIONS: GA. STANDARD, CURRENT EDITION, & SUPPLEMENTS THERETO.
- SEE STD. 9031-L FOR ADDITIONAL DETAILS WHERE INLET IS CONSTRUCTED ON BOX CULVERT.
- SEE STD. 1040 FOR CIRCULAR PRECAST ALTERNATES.
- PRECAST ON BRICK MASONRY: BRICK CONSTRUCTION SHALL EXTEND 6" ± ABOVE TOP OF PIPE. JOINTS BETWEEN PRECAST & BRICK SECTIONS SHALL BE FLUSH OR CONC. FILLED TO GIVE MAX. BEARING AREA.
- TYPICAL TREATMENT FOR SKEWED PIPES: (a) WITH PRECAST APRON - CONSTRUCT BOX WITH WALLS PERPENDICULAR TO PIPE AND SET PRECAST APRON PARALLEL TO DITCH AND SKEWED RELATIVE TO PIPE OR USE CIRCULAR SECTIONS (STD. 1040) (b) WITH BUILT-IN-PLACE APRON - CONSTRUCT BOX AS DESCRIBED IN (a) AND USE REDUCER SLAB OR INCREASE W OR W₁ DIMENSIONS AS NECESSARY OR USE CIRCULAR SECTIONS (STD. 1040)

DETAIL AND ARRANGEMENT OF LADDER BARS



LADDER BARS ARE REQUIRED IN ALL INLETS, WHERE h IS OVER 4'-0" NUMBER AND LOCATION OF LADDER BARS TO BE AS DIRECTED BY THE ENGINEER. AN ALTERNATE STEP MAY BE SUBSTITUTED, IF APPROVED BY THE LABORATORY.



PIPE SIZE	BRICK MASONRY					REINF. CONCRETE *					
	MIN. W OR W ₁	MIN. H	MIN. h	a (MAX.)	b (MIN.)	MIN. W OR W ₁	MIN. H	MIN. h	a (MAX.)	b (MIN.)	
15"	2'-0"	3'-1"	2'-1"	—	—	2'-0"	2'-7 1/2"	1'-7 1/2"	3'-2"	2'-2"	—
18"	2'-3"	3'-10"	2'-10"	1 1/2"	2 1/8"	2'-11"	1'-11"	2'-3"	3'-5"	2'-5"	—
24"	2'-10"	4'-11"	3'-11"	5"	8 3/8"	3'-6"	2'-6"	3'-0"	4'-10"	3'-10"	6"
30"	3'-5"	6'-0"	5'-0"	8 1/2"	1'-2 1/8"	4'-1"	3'-1"	3'-6"	5'-5"	4'-5"	9"
36"	4'-0"	7'-1"	6'-1"	1'-0"	1'-8 3/4"	—	—	4'-0"	6'-0"	5'-0"	1'-0"
42"	4'-7"	8'-6"	7'-2"	1'-3 1/2"	2'-2 3/4"	—	—	4'-6"	6'-7"	5'-7"	1'-3"
48"	5'-2"	9'-7"	8'-3"	1'-7"	2'-8 3/8"	—	—	5'-0"	7'-2"	6'-2"	1'-6"

* BUILT-IN-PLACE OR PRECAST BOX
** DIMENSIONS ARE BASED UPON TYPICAL OUTSIDE DIAMETERS OF CONCRETE PIPE AND MAY BE VARIED IF CONDITIONS PERMIT, AND THE VARIED DIMENSIONS ARE SHOWN IN THE PLANS OR SPECIFIED BY THE ENGINEER. DIMENSIONS "a" ARE BASED UPON 2'-0" WEIR OPENING. MINIMUM H AND h ARE BASED UPON LARGEST PIPE INVOLVED. BOX ENCLOSURE FOR PIPE DOES NOT HAVE TO BE SQUARE. W AND W₁ DIMENSIONS MAY DIFFER. (DIMENSIONS HAVE BEEN SPECIFIED FOR BOX SHAPED INLETS, SEE STD. 1040 FOR DIMENSIONS OF CIRCULAR ALTERNATES)

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

**STANDARD
MEDIAN DROP INLET
(PRECAST OR BUILT-IN-PLACE)
& CONCRETE APRON**

SCALE AS SHOWN REV. & REDR. AUGUST 26, 1981

DES. 2-67	(SUBMITTED) Floyd E. Hardy	NUMBER 9031-S
REV. R.M.U.	STATE ROAD & AIRPORT DESIGN ENGR.	
TRA. G.M.E.	(APPROVED) James D. Mordant	
CHK. R.K.C.	STATE HIGHWAY ENGINEER	