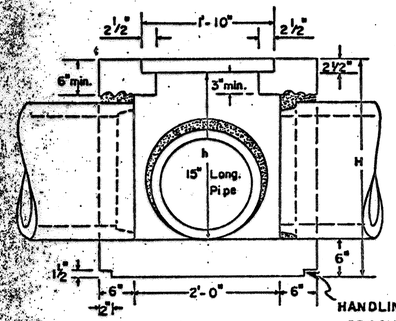
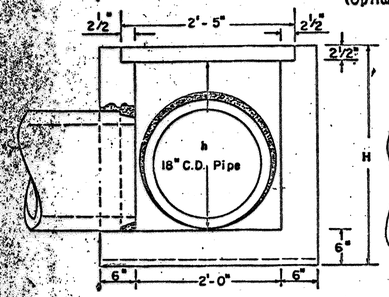
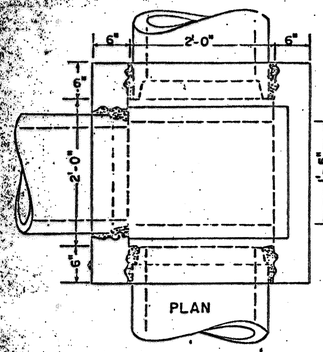
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	NHS-M001-00(218)	13	42

NOTE:
SEE STANDARD 1015-A— BRICK DROP INLETS— FOR DETAIL OF GRATING FRAME, HOOD, ETC., WHERE NEEDED.

TYPE "A"

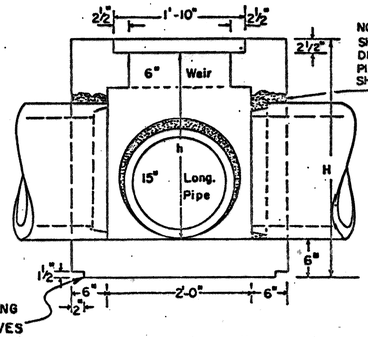


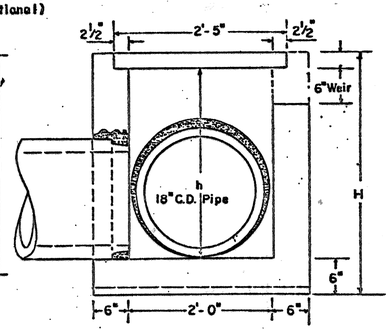


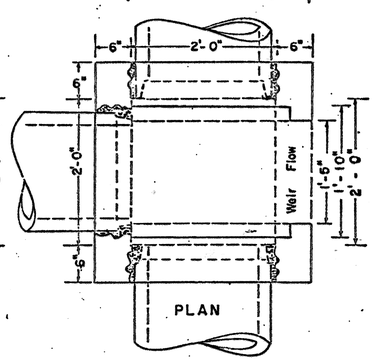


SCALE: 1" = 1'

TYPE "B" WITH WEIR



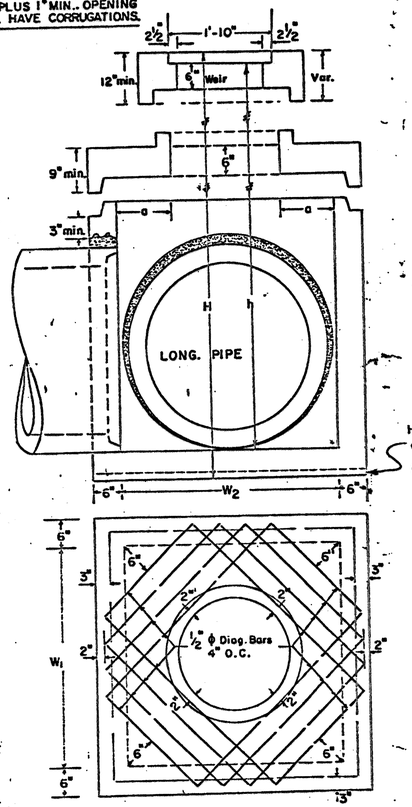




SCALE: 1" = 1'

NOTE: OPENING FOR PIPE SHALL BE THE OUTSIDE DIAMETER OF THE REQ'D PIPE PLUS 1" MIN.. OPENING SHALL HAVE CORRUGATIONS.

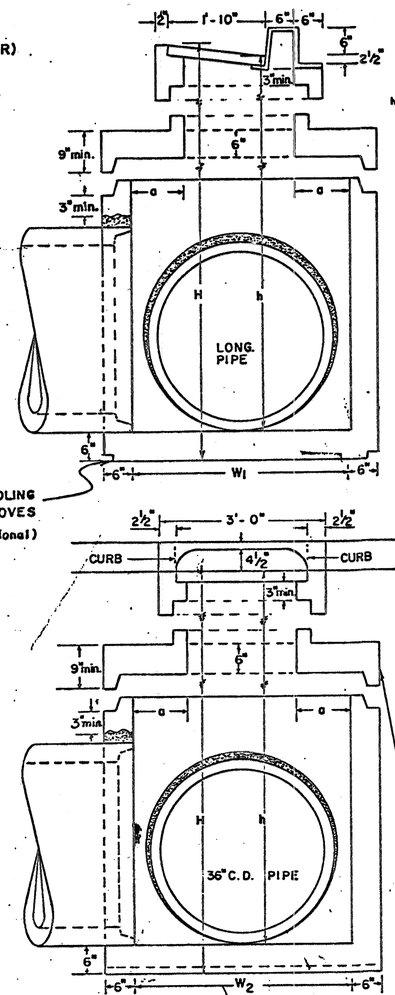
TYPE "C" (WITH OR WITHOUT WEIR)



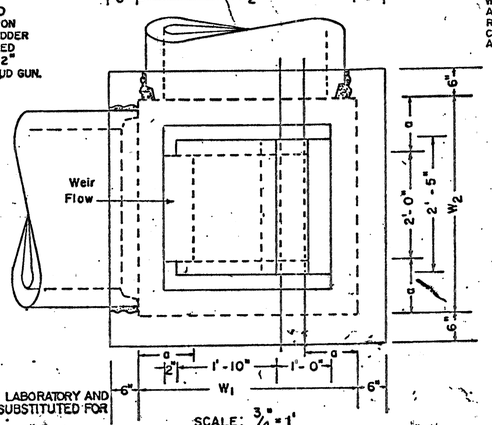
SCALE: ¾" = 1'

FOR OTHER DETAILS, SEE TYPE "B"

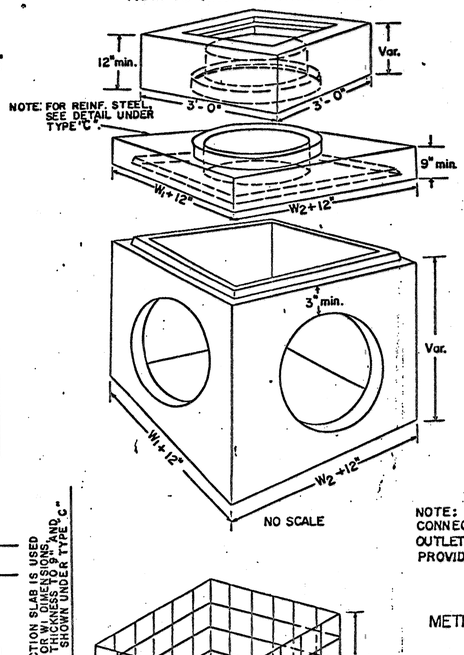
TYPE "E"

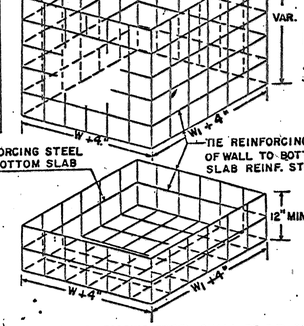


IF THIS SWIVEL SECTION SLAB IS USED TO REDUCE THE W OR W1 DIMENSIONS INCREASE THE REINF. STEEL SHOWN UNDER TYPE "C" USE REINF. STEEL SHOWN UNDER TYPE "E"



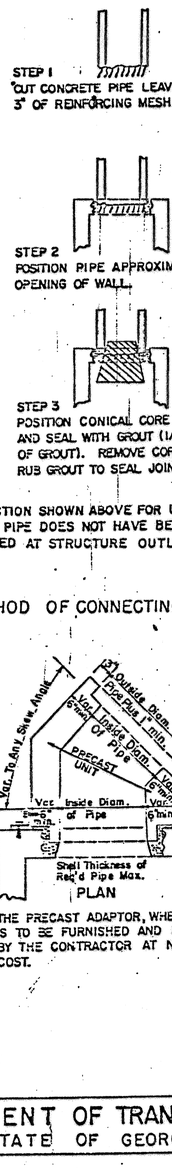
ISOMETRIC VIEW OF DROP INLET TYPE "C" OR "E" FOR PIPES LARGER THAN 18" (WITH OR WITHOUT WEIR)





NOTE: REINFORCING STEEL SHALL BE 2/2, 6X6 WELDED WIRE FABRIC, ROLLED TO THE DIMENSIONS AS SHOWN ABOVE OR TO ALLOW A MINIMUM OF 2" CLEARANCE. REINFORCING RODS OF 1/2" DIAMETER PLACED ON 12" CENTERS BOTH VERTICAL AND HORIZONTAL MAY BE USED AS AN ALTERNATE TO THE ABOVE.

METHOD OF CONNECTING PIPE



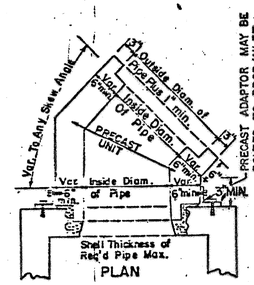
STEP 1
CUT CONCRETE PIPE LEAVING APPROXIMATELY 3" OF REINFORCING MESH EXPOSED.

STEP 2
POSITION PIPE APPROXIMATELY 3" INTO OPENING OF WALL.

STEP 3
POSITION CONICAL CORE INSIDE OF PIPE AND SEAL WITH GROUT (1/2" MIN. THICKNESS OF GROUT). REMOVE CORE WHEN SET AND RUB GROUT TO SEAL JOINTS.

NOTE:
CONNECTION SHOWN ABOVE FOR USE WHERE CONCRETE OUTLET PIPE DOES NOT HAVE BELL OR HUB END PROVIDED AT STRUCTURE OUTLET.

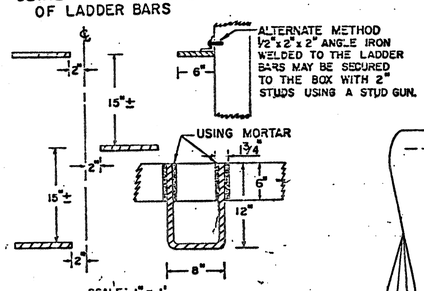
METHOD OF CONNECTING SKEWED PIPE



PRECAST ADAPTOR MAY BE BOLTED TO DROP INLET WITH 2 - 1" x 3" x 3" ANGLE IRON.

THE PRECAST ADAPTOR, WHERE USED, IS TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR AT NO EXTRA COST.

DETAIL AND ARRANGEMENT OF LADDER BARS



SCALE: 1" = 1'

NOTE:
MINIMUM OF THREE - 3/4" ϕ STEEL LADDER BARS ARE REQUIRED IN ALL DROP INLETS WHERE h IS GREATER THAN 4'-0".

NUMBER AND LOCATION OF LADDER BARS IN DROP INLET TO BE AS DIRECTED BY THE ENGINEER.

PLASTIC OR RUBBER COATED M.H. STEPS APPROVED BY THE LABORATORY AND INSTALLED PER MANUFACTURERS RECOMMENDATIONS MAY BE SUBSTITUTED FOR THE LADDER BARS SHOWN.

DIMENSIONS FOR DROP INLETS

PIPE SIZE	TYPE "A"		TYPE "B"		TYPE "C"				TYPE "E"			
	MIN.h	MIN.H	MIN.h	MIN.H	W1 or W2	a	MIN. h	MIN.H	W1 or W2	a	MIN.h	MIN.H
15"	2'-0"	2'-8½"	2'-7"	3'-3½"	2'-0"		2'-7"	3'-3½"	2'-0"		2'-7"	3'-3½"
18"	2'-3½"	3'-0"	2'-10"	3'-6½"	2'-0"		2'-10"	3'-6½"	2'-0"		2'-10"	3'-6½"
24"					3'-0"	0'-6"	4'-3½"	5'-0"	3'-0"	0'-6"	4'-7"	5'-3"
30"					3'-6"	0'-9"	4'-10½"	5'-7"	3'-6"	0'-9"	5'-2"	5'-10"
36"					4'-0"	1'-0"	5'-5½"	6'-2"	4'-0"	1'-0"	5'-9"	6'-3"
42"					4'-6"	1'-3"	6'-1½"	6'-8"	4'-6"	1'-3"	6'-4"	7'-0"
48"					5'-0"	1'-6"	6'-7½"	7'-3"	5'-0"	1'-6"	6'-11"	7'-7"
54"					5'-6"	1'-9"	7'-2½"	7'-10"	5'-6"	1'-9"	7'-6"	8'-2"
60"					6'-0"	2'-0"	7'-9½"	8'-5"	6'-0"	2'-0"	8'-1"	8'-9"

DATE	REVISIONS	BY
6-12-78	GEN. REV.	R.M.U.

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

STANDARD PRECAST DROP INLETS

SCALE AS SHOWN — MAY 1968

DESIGNED —
DRAWN RWH
TRACED AVS
CHECKED RBS

SUBMITTED _____ STATE ROAD DESIGN ENGINEER

APPROVED _____ STATE HIGHWAY ENGINEER

NUMBER 1019A PRECAST