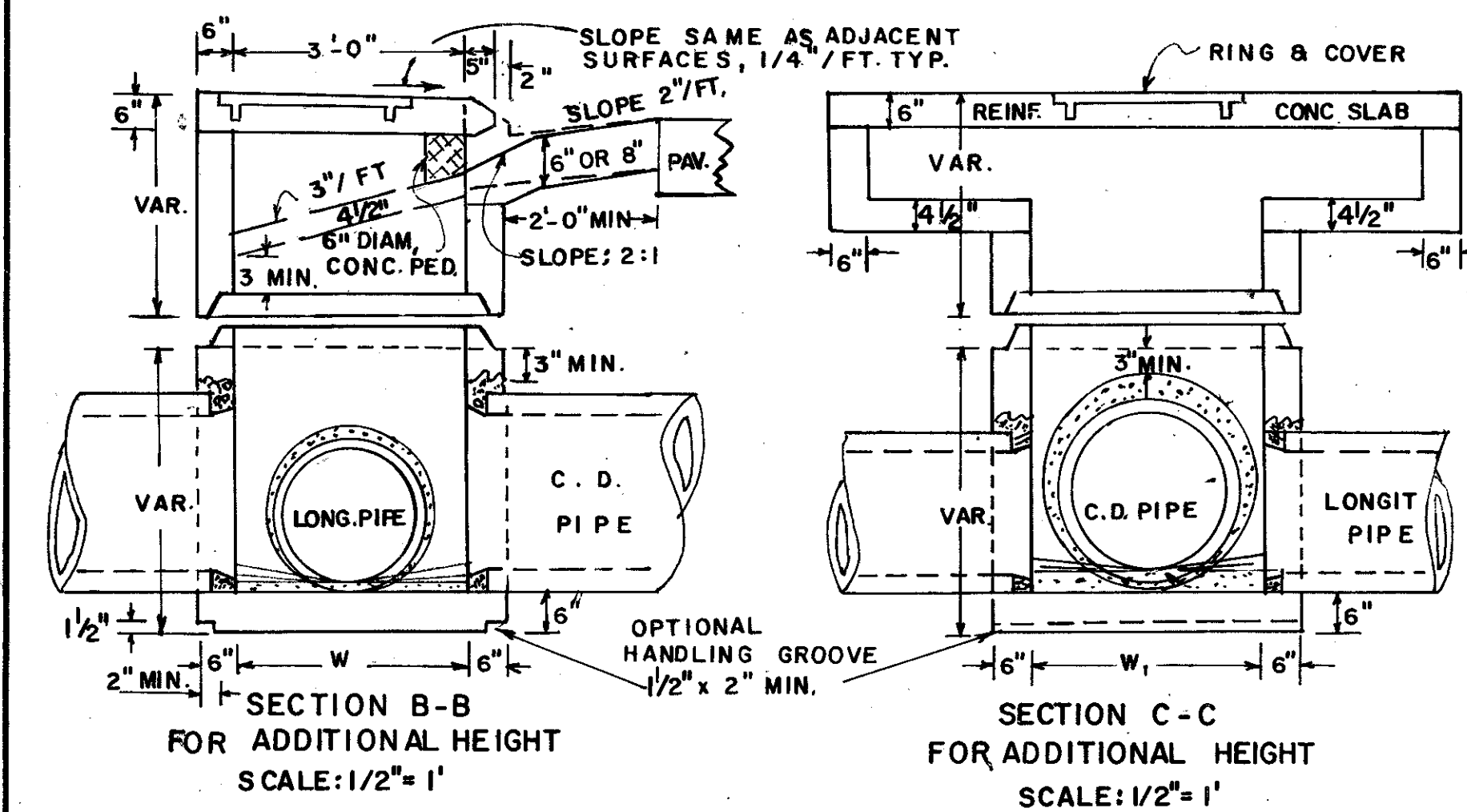
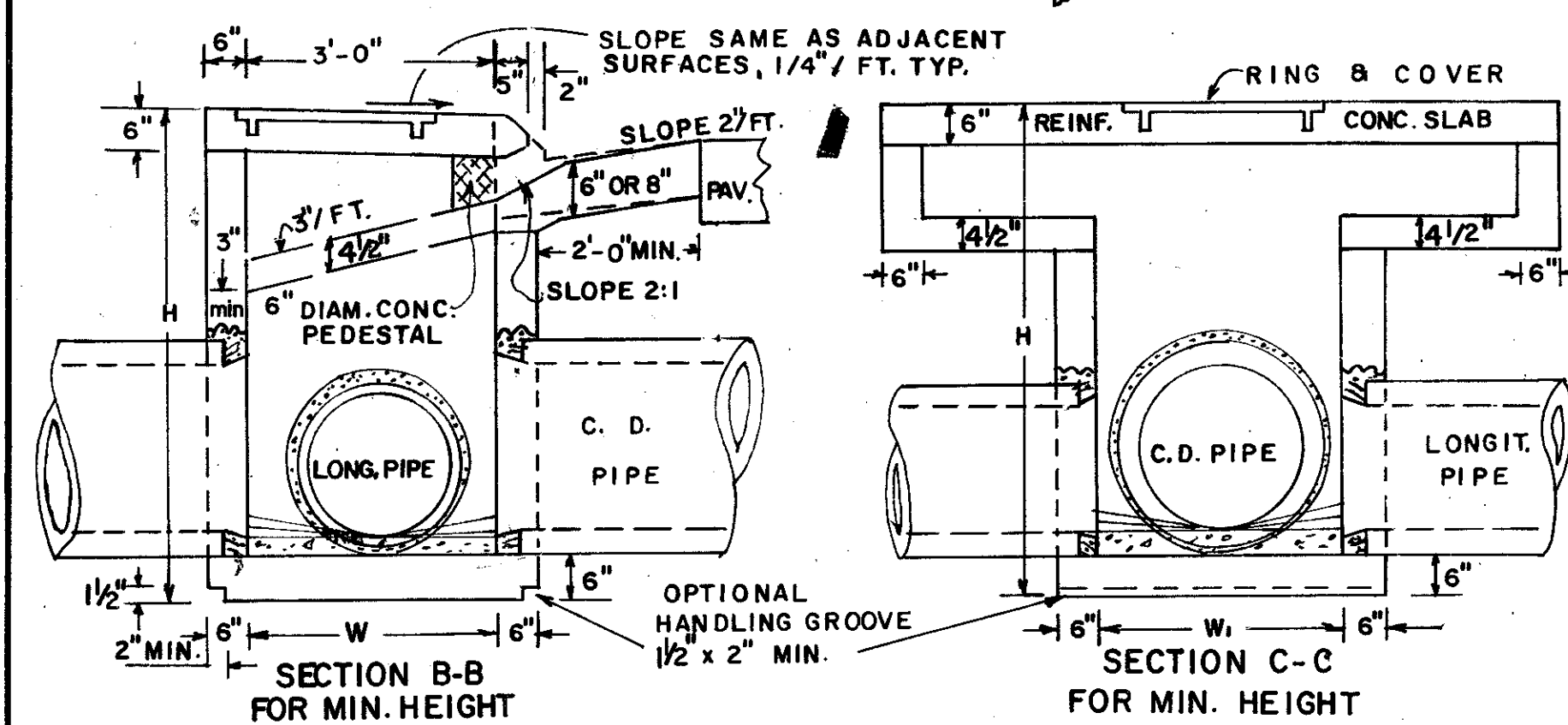
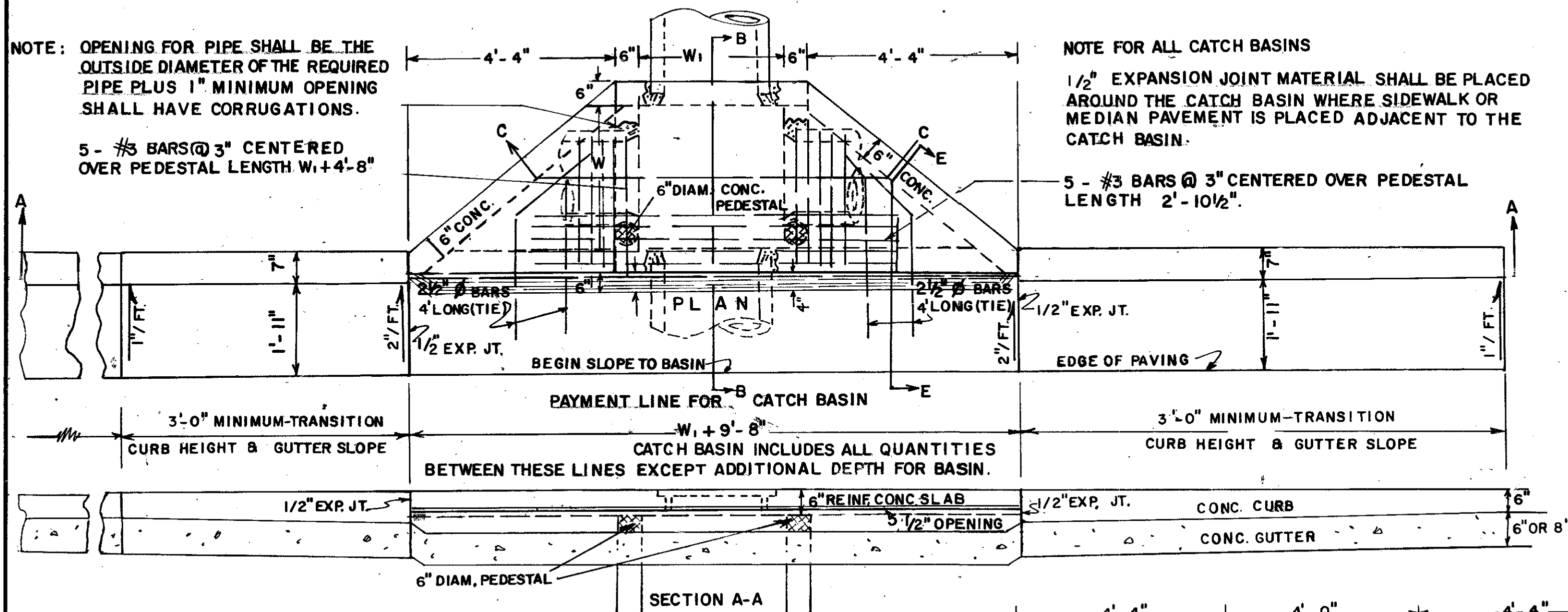


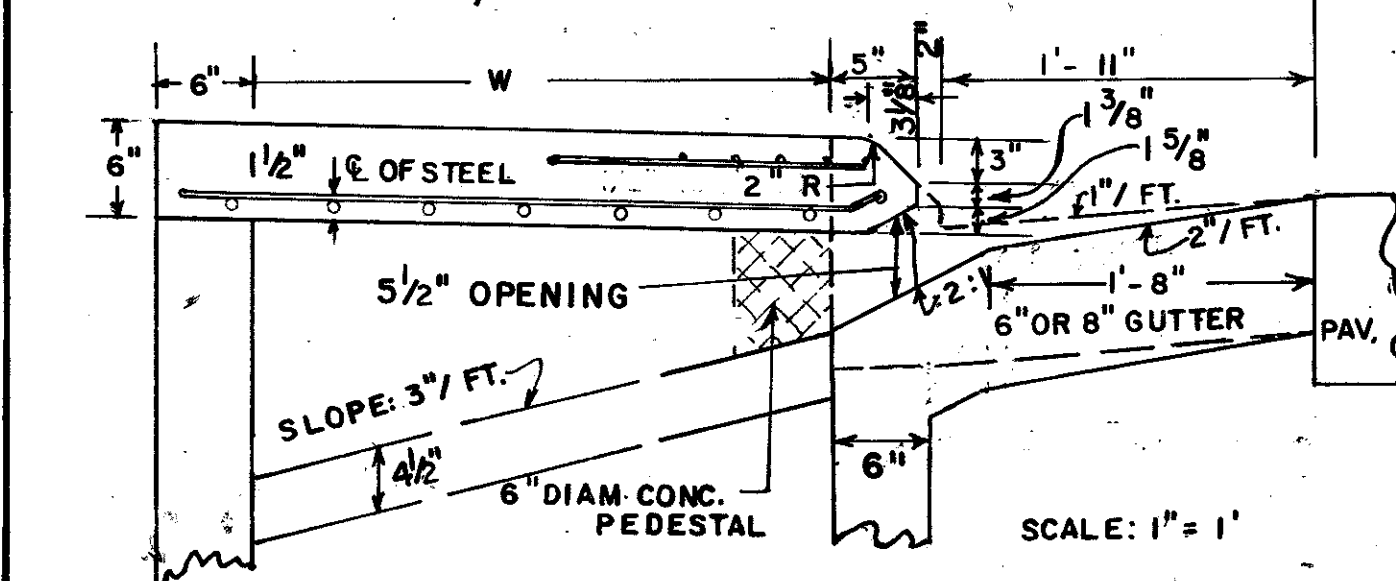
CATCH BASIN (IF CATCH BASIN HAS LONGITUDINAL PIPE OVER 24", SEE DETAILS AT RIGHT)

NOTE: OPENING FOR PIPE SHALL BE THE OUTSIDE DIAMETER OF THE REQUIRED PIPE PLUS 1" MINIMUM OPENING SHALL HAVE CORRUGATIONS.

5 - #3 BARS @ 3" CENTERED OVER PEDESTAL LENGTH $W_1 + 4'-8"$



DETAIL OF TOP SLAB, REINF. STEEL & CLEARANCES REQ'D.

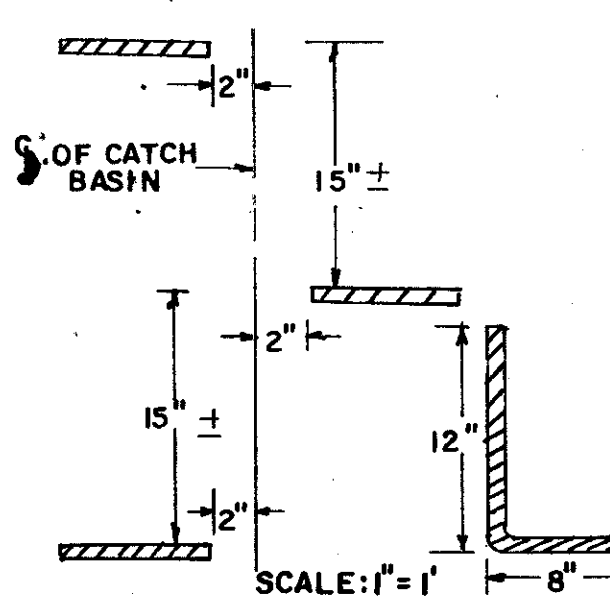


THIRD PEDESTAL REQ'D FOR C.B. ON RADI.

SWIVEL SECTION MAY BE USED WHERE SKEWED PIPE CONNECTS TO PRECAST CONCRETE BOX.

ALL DIMENSIONS ARE THE SAME AS SHOWN ON DETAILS FOR CATCH BASIN. DIMENSIONS FROM PT. 1 TO PT. 2 ARE MEASURED ALONG THE CHORD. UNIT PRICE BID FOR CATCH BASIN INCLUDES ALL CURB AND GUTTER FROM PT. 1 TO PT. 2.

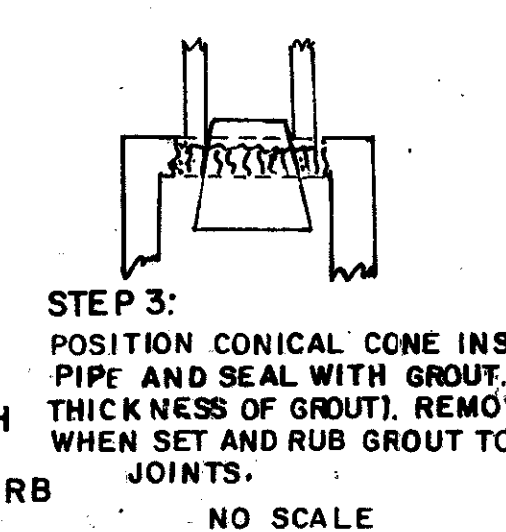
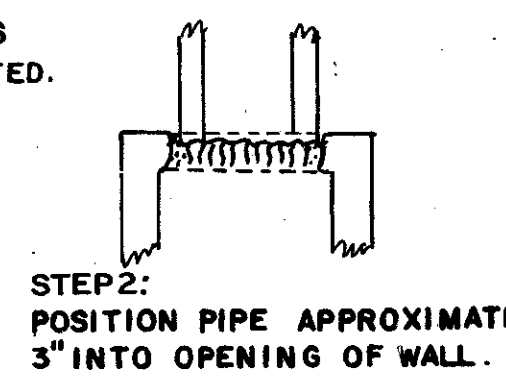
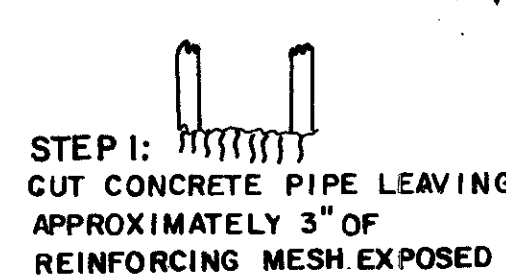
DETAIL AND ARRANGEMENT OF LADDER BARS



NOTE: NUMBER AND LOCATION OF LADDER BARS IN CATCH BASIN TO BE AS DIRECTED BY THE ENGINEER.

M.H. STEPS LISTED IN GA. D.O.T. LABORATORY'S QUALIFIED PRODUCTS LIST MAY BE SUBSTITUTED.

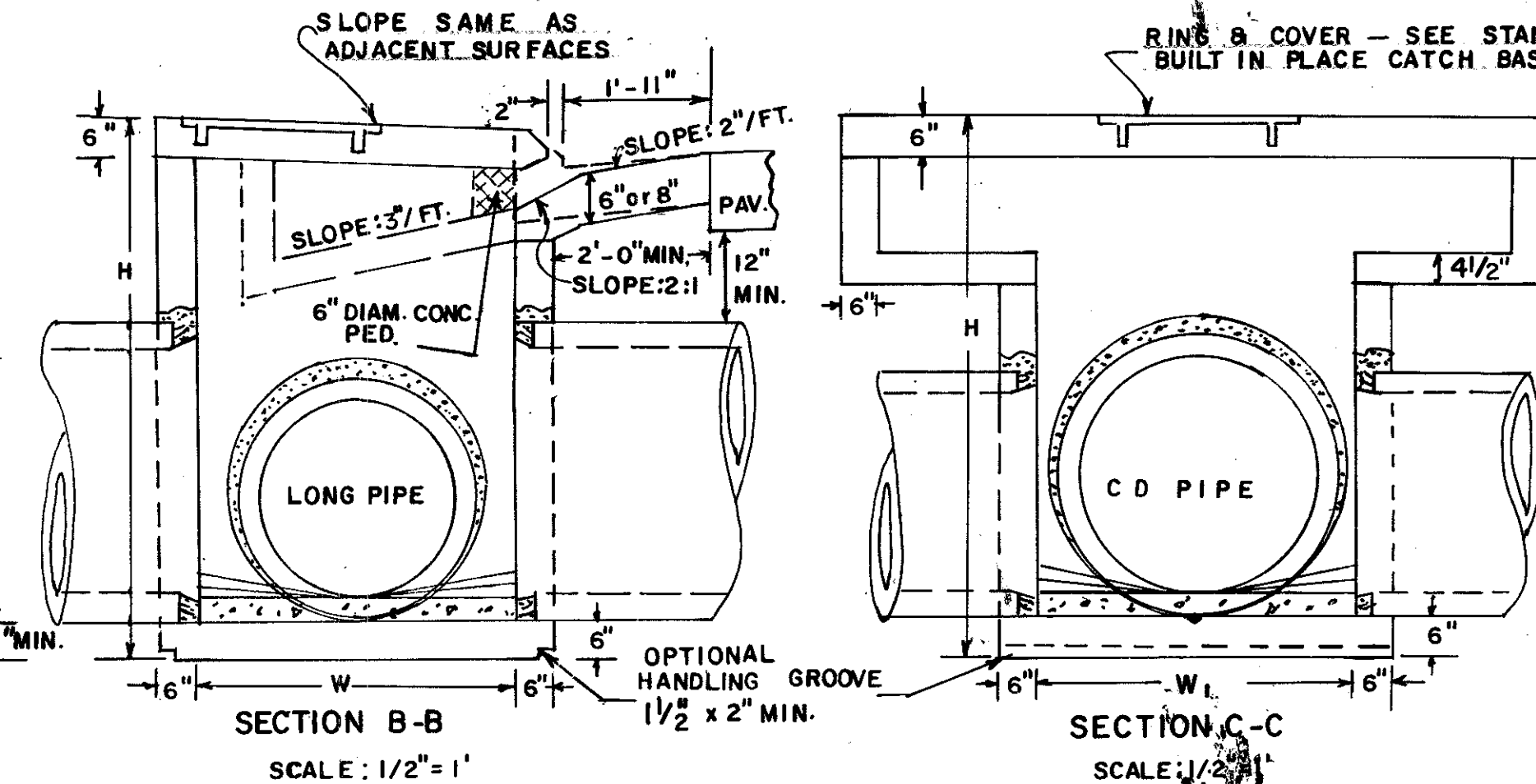
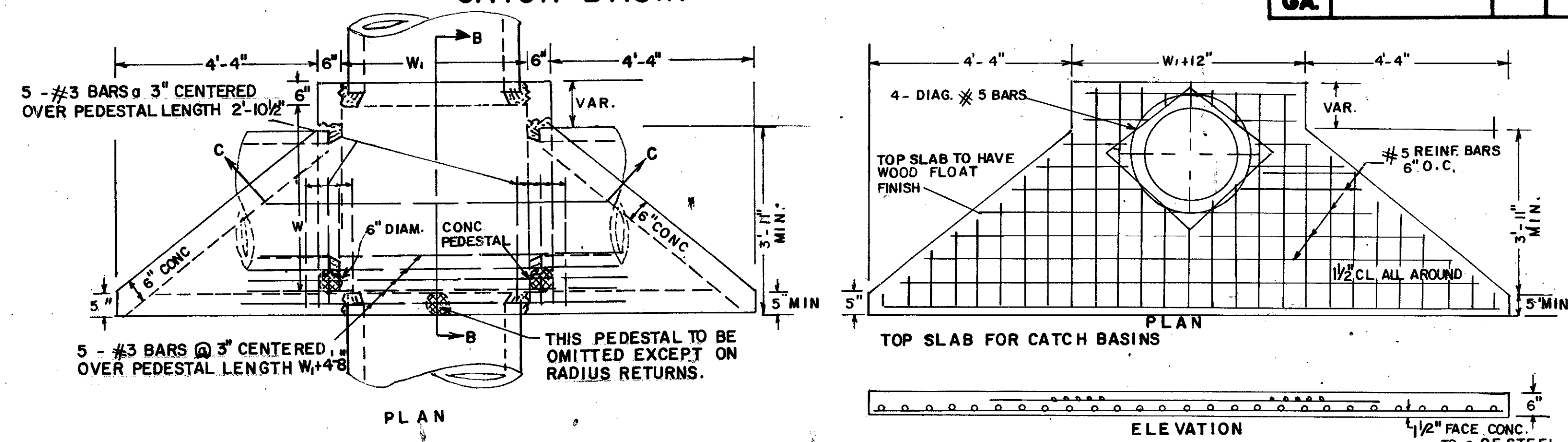
METHOD OF CONNECTING PIPE (WHERE CONC. PIPE HAS TO BE CUT)



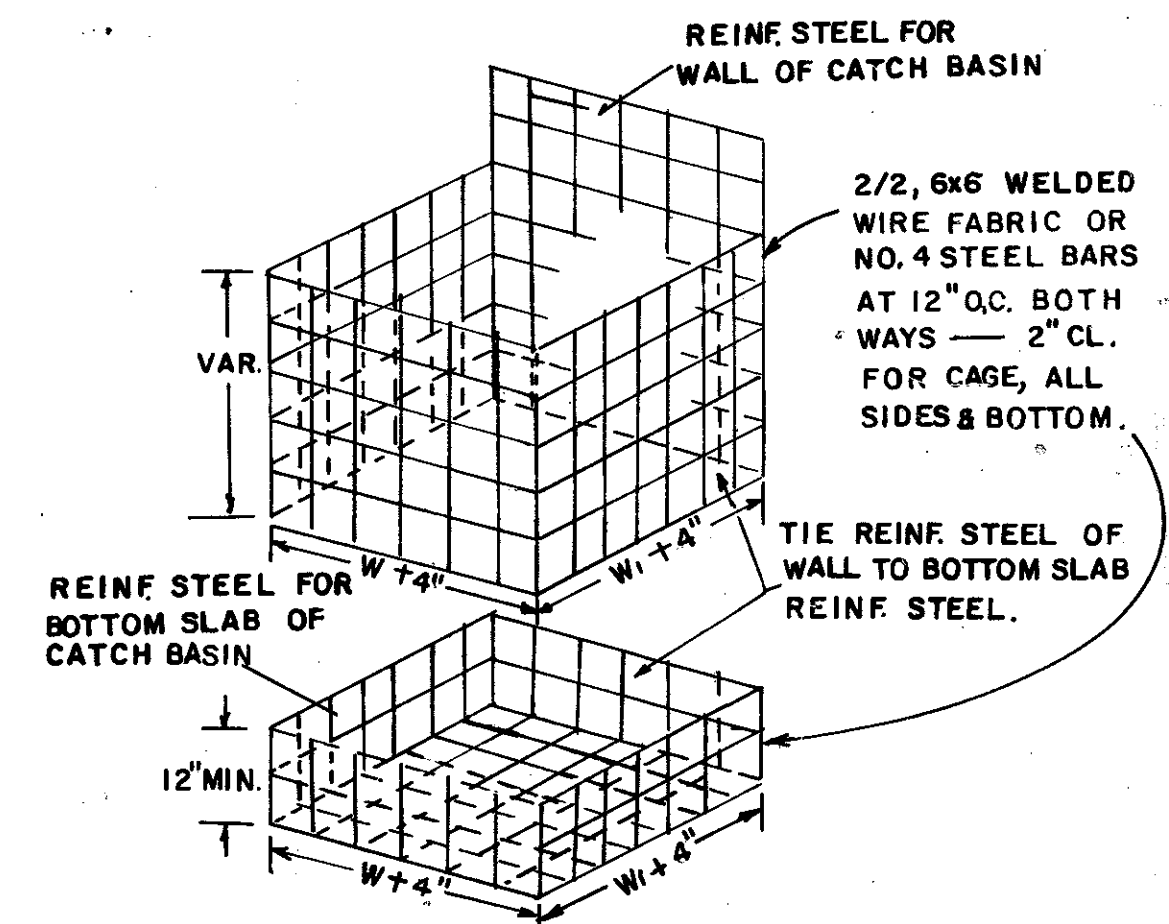
CATCH BASIN

(TYPICAL FOR CATCH BASIN WITH LONGITUDINAL PIPE OVER 24")

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			



REINFORCING - ISOMETRIC VIEW



NOTE: REINFORCING SHOWN ABOVE IS REQUIRED FOR BOX SHAPED BASIN. REINFORCING FOR CIRCULAR PRECAST ALTERNATE SHALL BE ACCORDING TO STD. 1040.

ALL JOINTS BETWEEN PRECAST RISERS OR BETWEEN PRECAST BASE AND RISER WILL BE KEYED. KEYED JOINTS SHOWN ARE TYPICAL AND MAY BE VARIED.

DIMENSIONS FOR CATCH BASINS

PIPE SIZE	NORMAL W or W ₁	MIN. H
12"	3'-0"	4'-4"
15"	3'-0"	4'-7"
18"	3'-0"	4'-10"
24"	3'-0"	5'-6"
30"	3'-6"	6'-2"
36"	4'-0"	6'-10"
42"	4'-0"	7'-4"
48"	5'-0"	8'-0"
54"	5'-0"	8'-6"
60"	6'-0"	9'-2"

NOTE: DIMENSIONS FOR CATCH BASINS ARE BASED UPON TYPICAL OUTSIDE DIAMETERS OF CONCRETE PIPES AND MAY BE VARIED IF CONDITIONS PERMIT AND THE ENGINEER APPROVES. W & W₁ DIMENSIONS DO NOT HAVE TO BE EQUAL.

ALTERNATE: BUILT-IN-PLACE, PRECAST BOX, AND/OR PRECAST CIRCULAR UNITS WITH THE REQUIRED ADAPTERS, REDUCERS, FITTINGS, CONNECTIONS, ETC. MAY BE USED IN COMBINATIONS.

NOTE: FOR RING & COVER DETAILS AND OTHER DETAILS NOT SHOWN, SEE STANDARD 1034 G FOR BUILT-IN-PLACE CATCH BASIN.

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

STANDARD PRECAST CATCH BASINS FOR USE WITH CURB (6" MOUNTABLE) & GUTTER (IN SAGS OR LOW POINTS)

SCALE AS SHOWN

DEC, 1985

DES. RMU	(SUBMITTED) <i>Harold E. Hardy</i>	NUMBER
DRW. RNU	STATE ROAD & AIRPORT DESIGN ENGR.	1034G
CHK. G.M.E.	(APPROVED) <i>Hal R. Ruggie</i>	PRECAST
CHK. R.K.C.	STATE HIGHWAY ENGINEER	