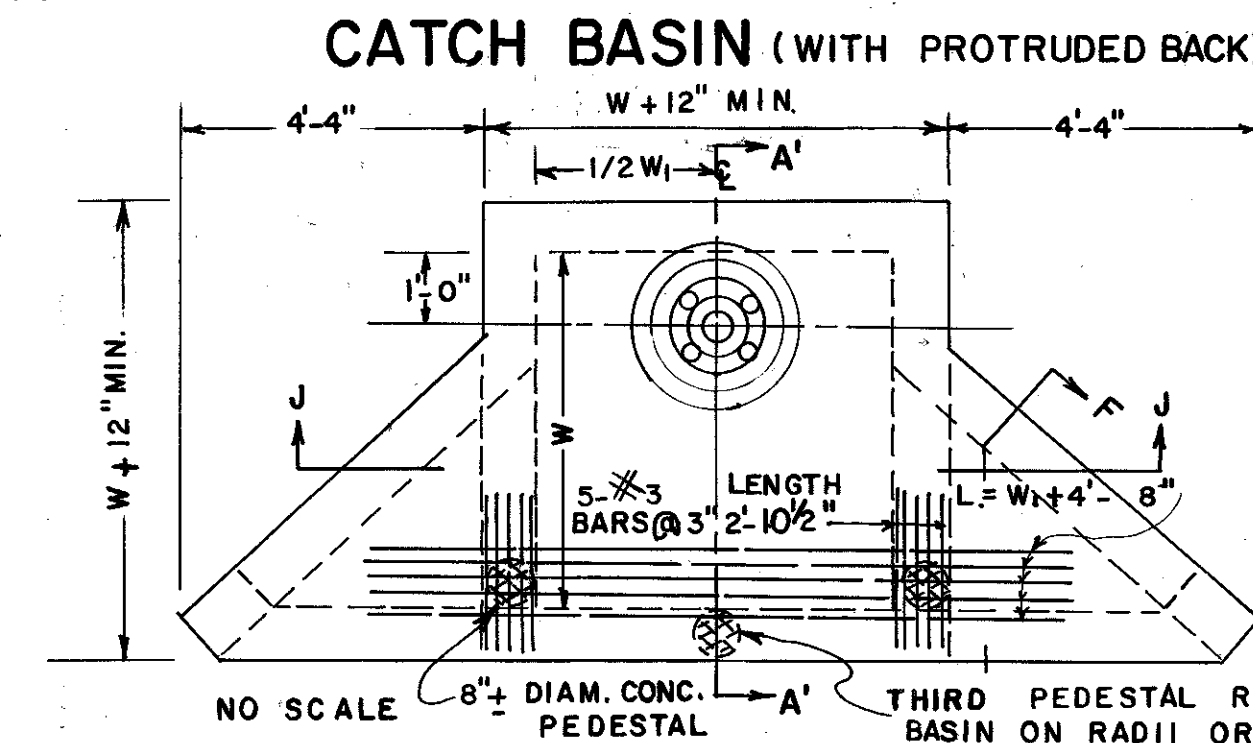
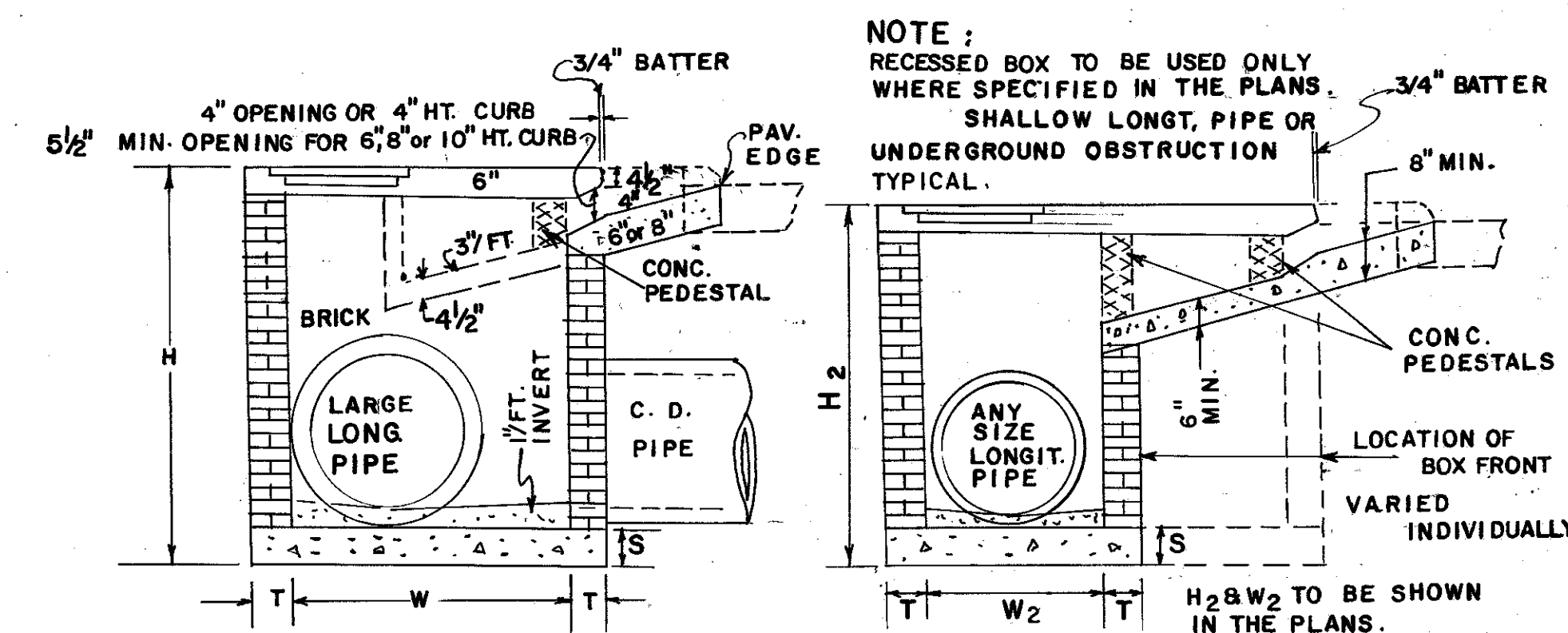


(FOR USE WITH LONGITUDINAL PIPE OVER 24" OR FOR USE WITH RECESSED BOX)



NOTE:
CATCH BASIN DETAILS
NOT SHOWN HERE
WILL BE SIMILAR
TO THOSE AT FAR
LEFT FOR NORMAL
CATCH BASIN.

PART PLAN



NOTE :
 RECESSED BOX TO BE USED ONLY
 WHERE SPECIFIED IN THE PLANS.
 SHALLOW LONGT, PIPE OR
 UNDERGROUND OBSTRUCTION
 TYPICAL.

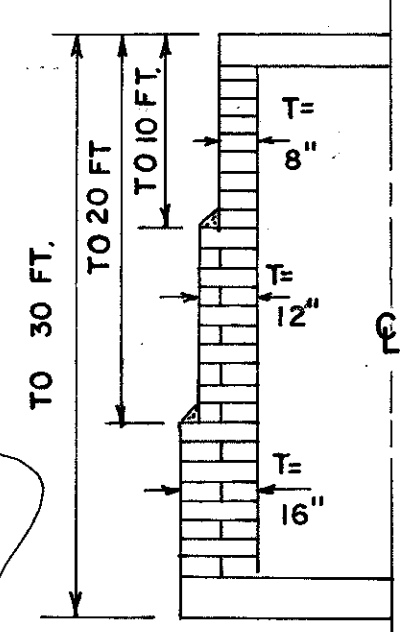
CONC.
PEDESTALS

LOCATION OF
BOX FRONT
VARIED
INDIVIDUALLY

BE SHOWN
ANS.

SECTION A-A'
FOR LARGE LONGITUDINAL PIPE

SECTION A'-A'
(FOR RECESSED BOX)

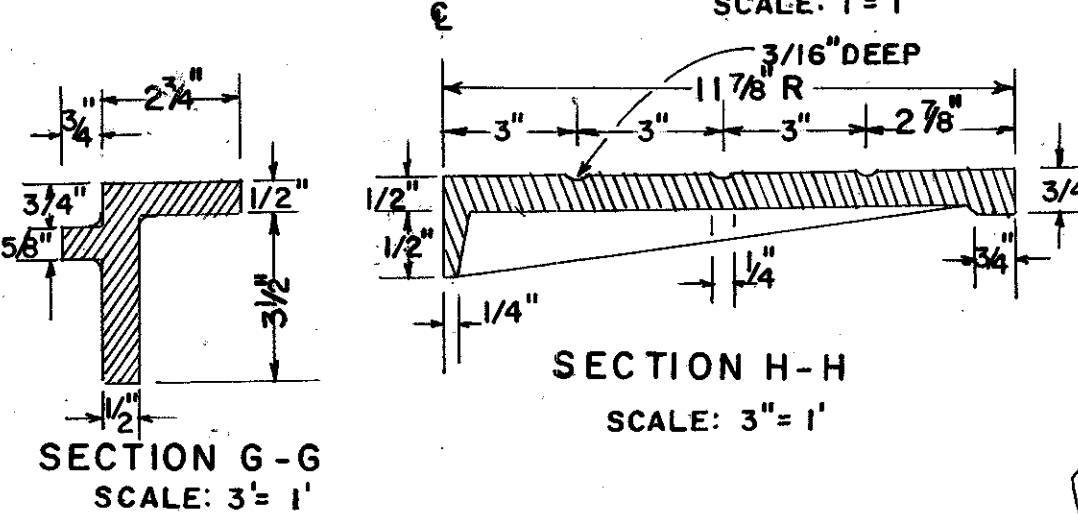


SECTION I-I

NOTE: NORMAL SLOPE OF CONCRETE APRON
TO BE INCREASED UP TO 8" TOTAL,
WHERE "H" PERMITS AND LONGITUDINAL
PIPE IS LOWERED FOR OTHER REASONS.

SCALE: $\frac{1}{2}" = 1'$

DEPTH LIMITS FOR
INCREASING "T"



CATCH BASIN ON RADII

NOTE:
DO NOT LOCATE CATCH
BASIN ON RADII, IF
OTHER ALTERNATES
ARE FEASIBLE.

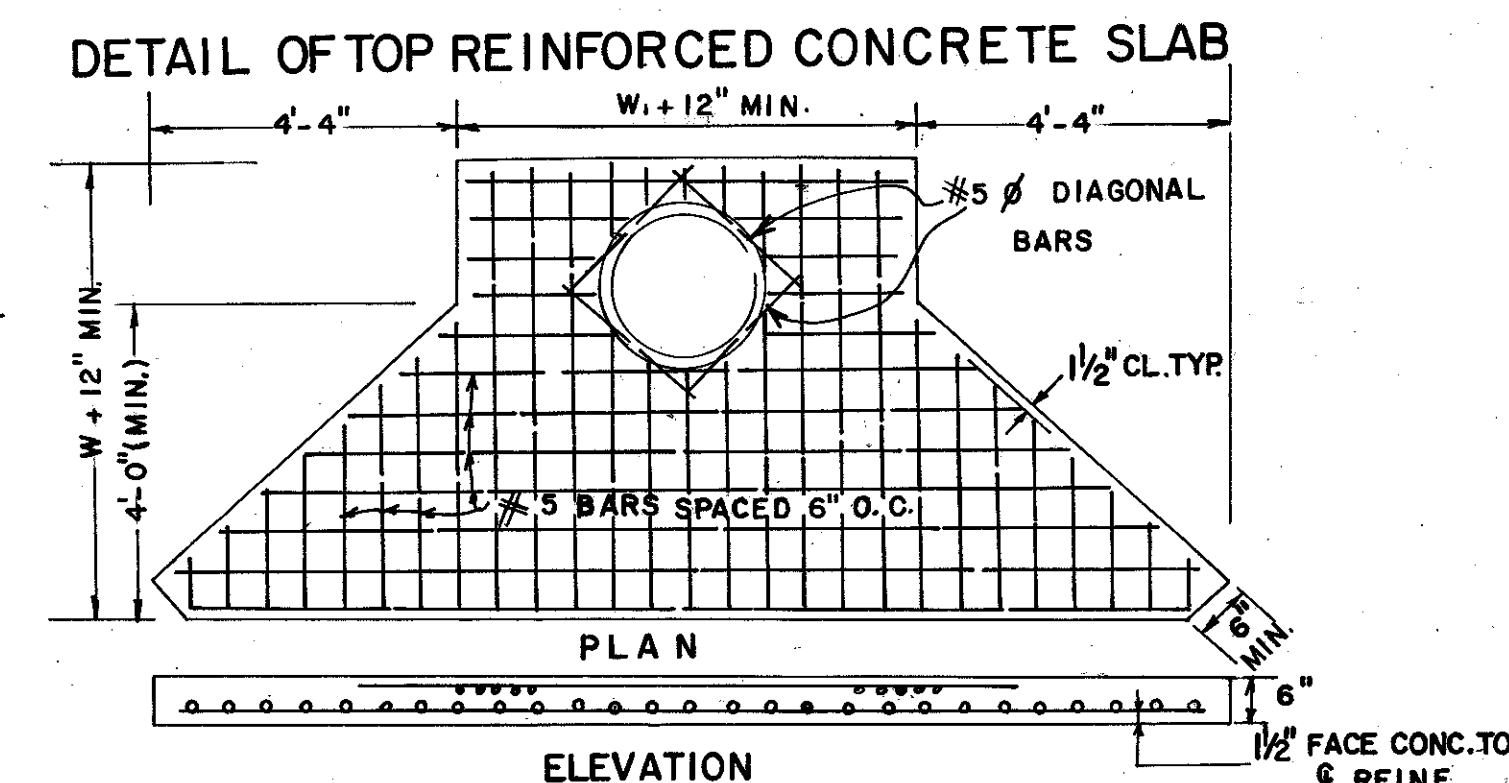
ST
N,
TO

DETAILS ARE SHOWN FOR
10" HT. CURB. SEE STD
1034 F PRECAST FOR CA
BASIN ON RADII WITH 4"
OR 8" HT. CURB.

ALTERNATE TO INVERT

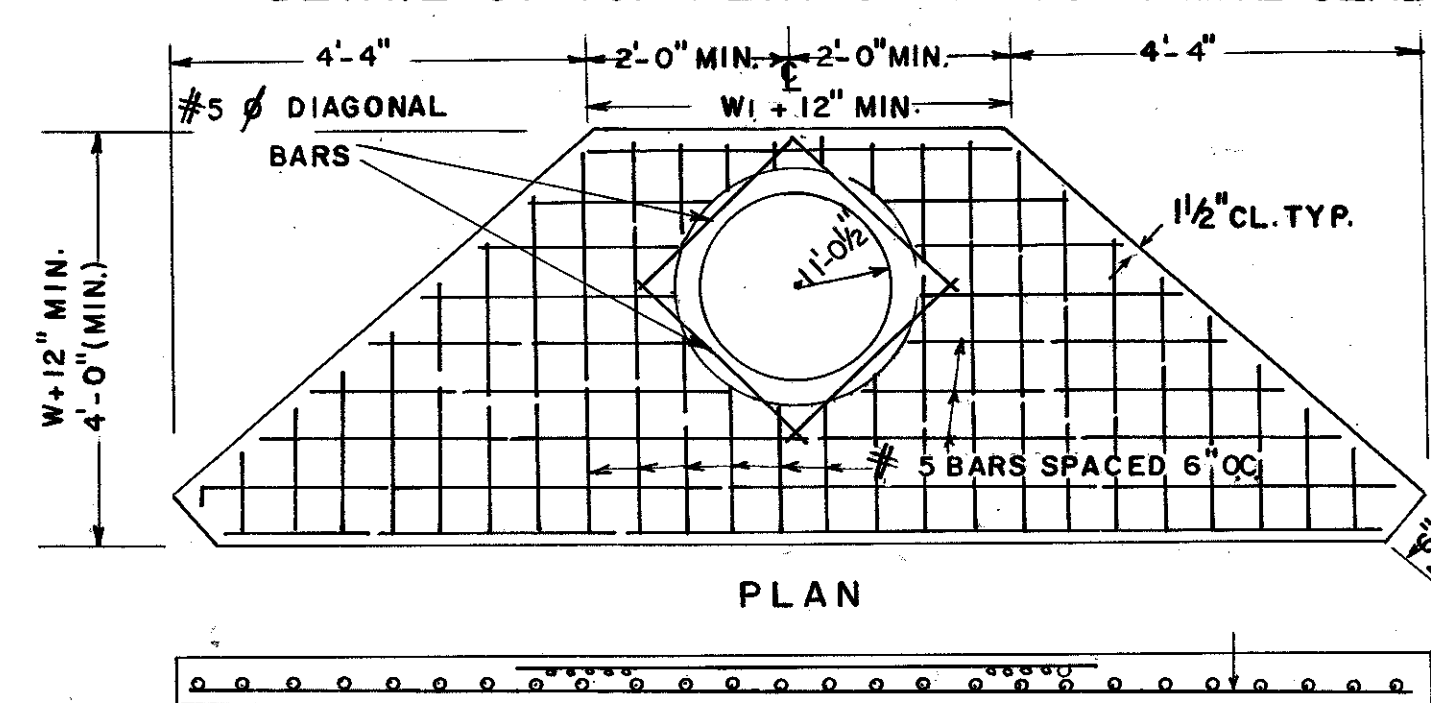
NOTE:
PRECAST BOX
1034 F PRECAST
FLUSH JOINT A
BOTTOM SHOWN
ADAPTERS WILL
BE REQUIRED W/
CIRCULAR UNIT
(STD. 1040.)
PRECAST BOX,
CIRCULAR, AND
BUILT-IN-PLACE
CONSTRUCTION
MAY BE USED IN
COMBINATIONS.

PRECAST BOX ON BRICK
(HALF-SECTION)



NOTE:
PIPE SIZES, NUMBER, ALIGNMENT AND INVERTS SHOWN ARE ILLUSTRATIVE.
SEE PLANS FOR SPECIFICS. INVERTS TO BE FORMED WITH GROUT OR
CONCRETE AS DIRECTED BY THE ENGINEER OR AS SHOWN IN THE PLANS.

DETAIL OF TOP REINFORCED CONCRETE SLAB

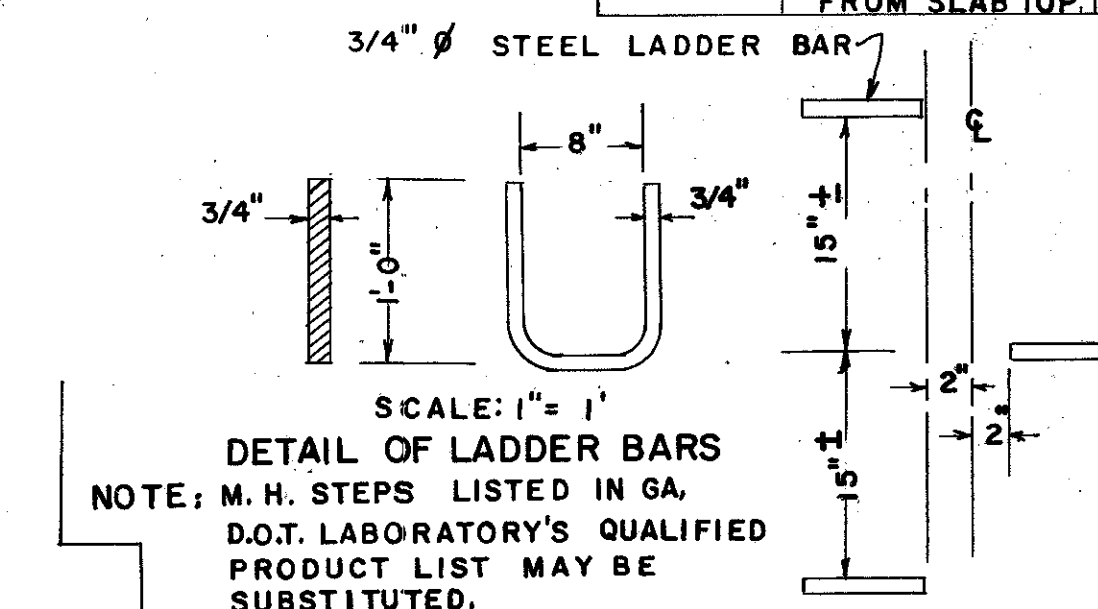


NOTE: ALL BARS IN PLAN VIEW
ARE SPACED AT 6" O.C.

ELEVATION

NOTE: FOR PLAN DETAIL OF REINFORCING STEEL
IN TOP PORTION OF SLAB. SEE PART PLAN.
AT TOP RIGHT.

NOTE: TOP SLAB MAY BE CAST IN PLACE OR PRECAST. IF SLAB IS CAST IN PLACE, BUILDERS PAPER IS TO BE PLACED BETWEEN THE CATCH BASIN & TOP SLAB.



SCALE: 1" = 1'

DETAIL OF LADDER BARS

NOTE: M. H. STEPS LISTED IN GA,
D.O.T. LABORATORY'S QUALIFIED
PRODUCT LIST MAY BE
SUBSTITUTED.

ALL CATCH BASINS WILL HAVE STEPS OR LADDER BARS, NUMBER & LOCATION TO BE AS DIRECTED BY THE ENGINEER.

NOTE: THE MIN. H & ΔE GIVEN IN ABOVE TABLE ARE BASED UPON TYPICAL OUTSIDE DIAMETERS OF CONC. PIPE AND MAY BE VARIED IF CONDITIONS PERMIT WITH THE VARIED DIMENSIONS SPECIFIED IN THE PLANS OR DIRECTED BY THE ENGINEER. W & W₁ DIMENSIONS DO NOT HAVE TO BE EQUAL.

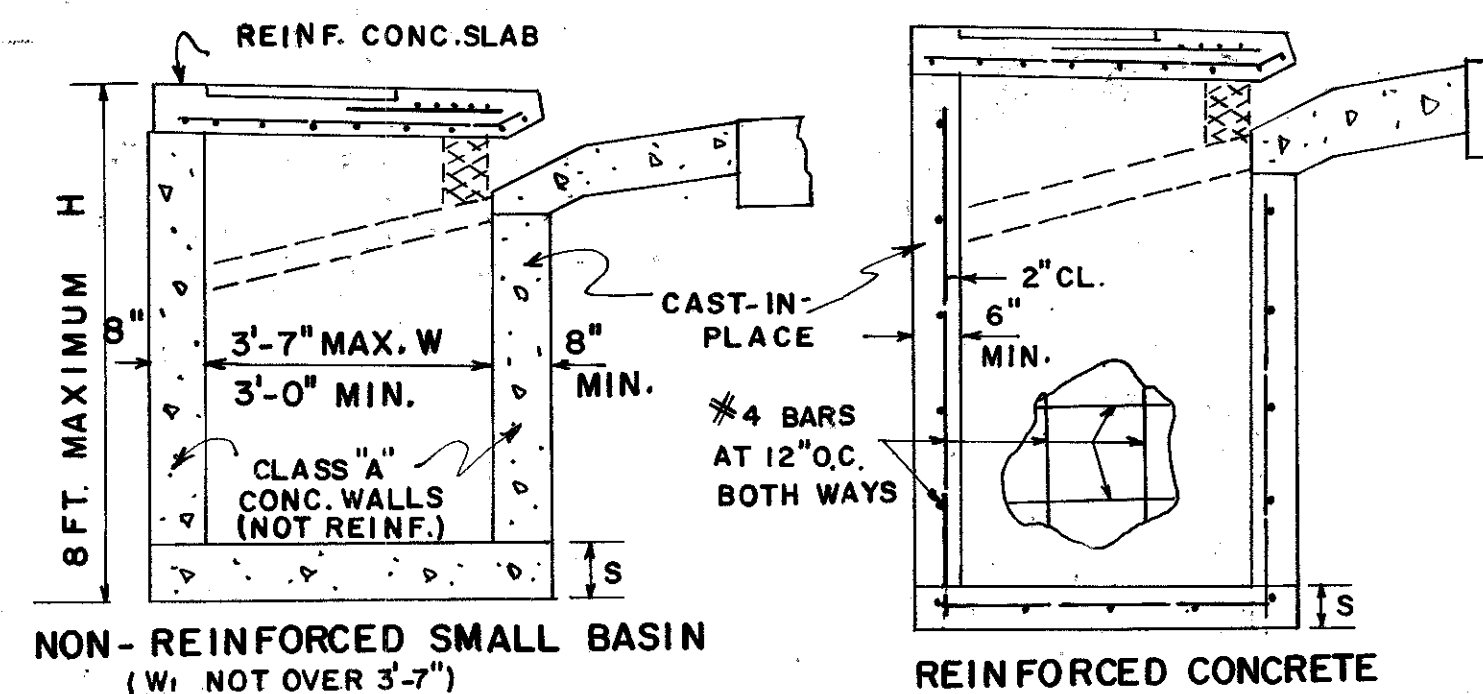
PIPE DIA.	H (MIN.)	W OR W _i	(MIN.) E
12	4'-4"	3'-0"	3'-1"
15	4'-7"	3'-0"	3'-4"
18	4'-10"	3'-0"	3'-7"
24	5'-6"	3'-0"	4'-2"
30	6'-2"	3'-7"	4'-10"
36	6'-10"	4'-6"	5'-5"
42	7'-4"	5'-3"	5'-9"
48	8'-0"	6'-0"	6'-4"
54	8'-6"	6'-8"	6'-10"
60	9'-2"	7'-4"	7'-5"

ΔE = MINIMUM DIFFERENCE IN
ELEVATION FROM PAVEMENT
EDGE TO FLOW LINE OF
OUTLET PIPE

NON-REINFORCED SMALL BASIN
(W₁ NOT OVER 3'-7")

CONSTRUCTION ALTERNATES

NOTE: DETAILS NOT SHOWN ABOVE FOR CONSTRUCTION ALTERNATES WILL BE SIMILAR TO BRICK CATCH BASIN DETAILS.
SEE SEPARATE STANDARDS FOR PRECAST ALTERNATES.



DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

STANDARD CATCH BASINS

FOR USE WITH 4", 6", 8", OR 10" HT. HEADER OR
INTEGRAL CURBS — IN SAGS OR LOW POINTS

SCALE AS SHOWN

REV. & REDR. AUGUST, 1982

REV. 8 R.M.U.	(SUBMITTED) <i>Howe E. Hardy</i>
REDR:	STATE ROAD & AIRPORT DESIGN ENGR
TRA. G.M.E.	
CHK. R.K.C.	(APPROVED) <i>Thomas D. Macchiusi</i>
	STATE HIGHWAY ENGINEER

NUMBER

1034 F