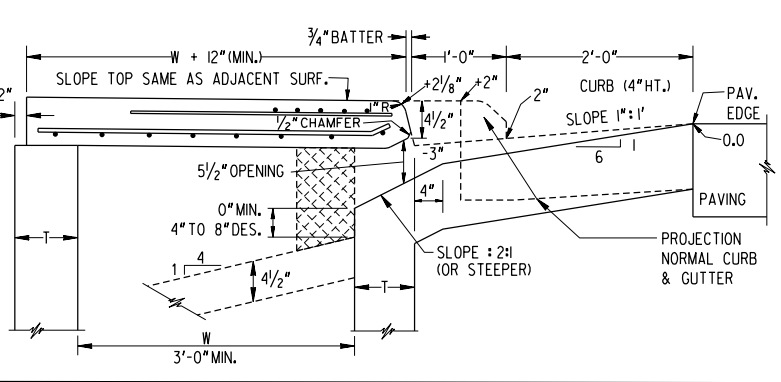
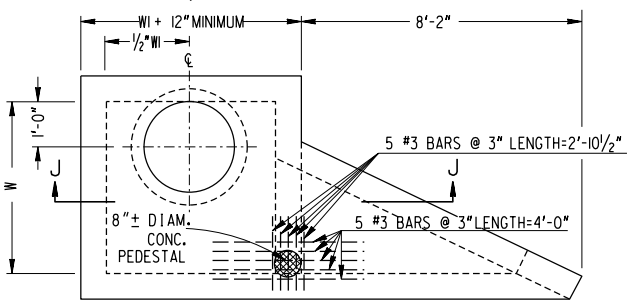


DETAIL OF TOP SLAB, REINF. STEEL & CLEARANCES REQ'D.



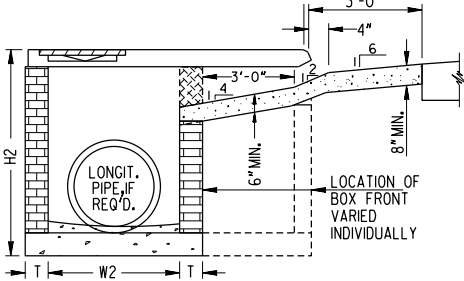
NOTE:
DETAILS NOT SHOWN FOR CATCH BASIN WITH PROTRUDED BACK WILL BE SIMILAR TO THOSE SHOWN FOR NORMAL CATCH BASIN.

CATCH BASIN - (WITH PROTRUDED BACK)
FOR USE WITH LONGITUDINAL PIPE OVER 24"
OR FOR USE WITH RECESSED BOX

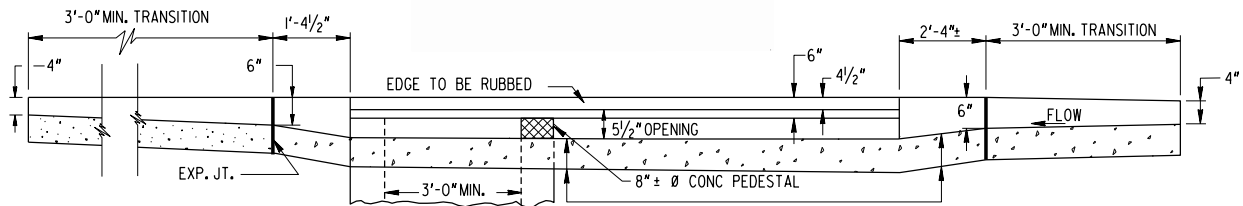


NOTE: FOR OTHER DIMENSIONS
SEE DETAILS FOR
SMALL CATCH BASIN.

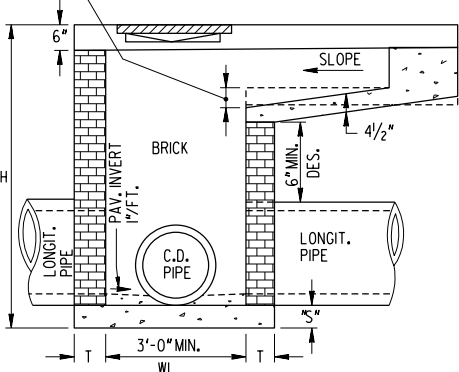
NOTE:
RECESSED BOX TO BE USED ONLY WHERE SPECIFIED.
SHALLOW LONGITUDINALS OR UNDERGROUND OBSTRUCTION
TYP. H2 & W2 DIMENSIONS TO BE GIVEN IN THE PLANS.



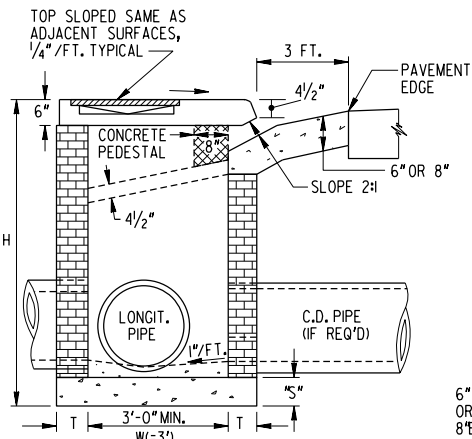
SECTION A'-A'
(FOR RECESSED BOX)



NOTE:
NORMAL SLOPE OF CONC. APRON
INCREASED 4" TO 8" WHERE "H"
PERMITS & LONGIT. PIPE IS LOWERED FOR OTHER REASONS

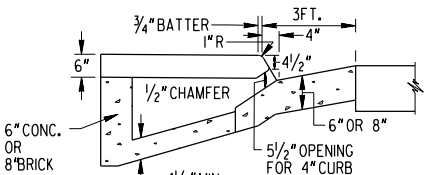


SECTION J-J



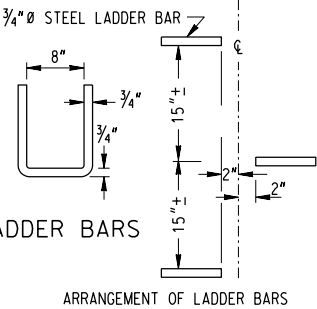
SECTION A-A

W OR W1 (MAX.)	BOTTOM SLAB MATERIALS	"S"
TO 4'-6"	NON-REINF. CONCRETE OR BRICK	6"
OVER 4'-6"	CONC. REINF. W/ #4 BARS 12" O.C. BOTH WAYS 2" CL FROM SLAB TOP	8"



SECTION F-F

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

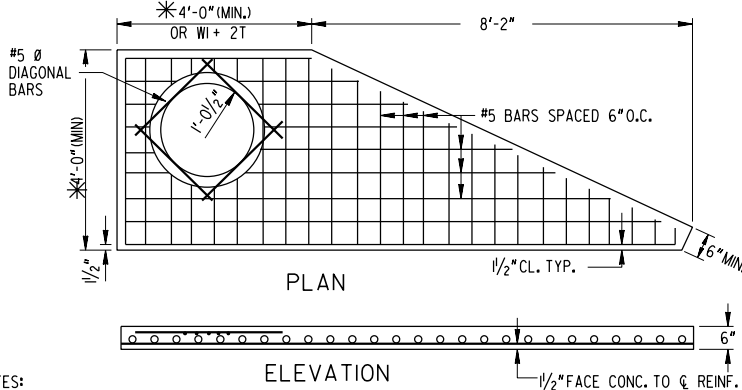


DETAIL OF LADDER BARS

ARRANGEMENT OF LADDER BARS

NOTES:
-M.H. STEPS LISTED IN GA. D.O.T. LABORATORY'S QUALIFIED PRODUCTS LIST MAY BE SUBSTITUTED.
-ALL CATCH BASINS WILL HAVE STEPS OR LADDER BARS, NUMBER & LOCATION TO BE AS DIRECTED BY THE ENGINEER.

DETAIL OF TOP REINFORCED CONCRETE SLAB



NOTES:
-ALL BARS IN PLAN VIEW ARE SPACED AT 8" O.C.
-FOR PLAN DETAIL OF REINFORCING STEEL IN TOP PORTION OF SLAB, SEE PART PLAN AT TOP RIGHT.

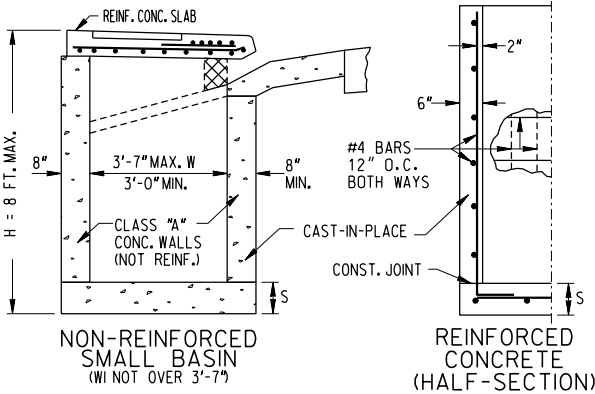
DEPTH LIMITS FOR
INCREASING "T"

PIPE Ø	H (MIN.)	W OR W1	MIN. ΔE
12"	4'-4"	3'-0"	3'-5"
15"	4'-7"	3'-0"	3'-8"
18"	4'-10"	3'-0"	3'-11"
24"	5'-6"	3'-0"	4'-6"
30"	6'-2"	3'-7"	5'-2"
36"	6'-10"	4'-6"	5'-9"
42"	7'-4"	5'-3"	6'-1"
48"	8'-0"	6'-0"	6'-8"
54"	8'-6"	6'-8"	7'-2"
60"	9'-2"	7'-4"	7'-9"

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 VARIED DIMENSIONS SPECIFIED IN THE PLAN OR DIRECTED BY THE ENGINEER. W & W1 DIMENSIONS DO NOT HAVE TO BE EQUAL.

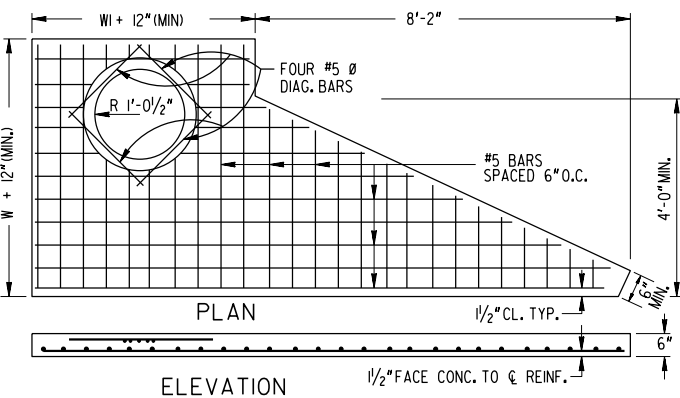
NOTE:
SEE SEPARATE
STDS. FOR PRECAST
ALTERNATIVES.
ADAPTERS (STD. 1040)
WILL BE REQUIRED WITH
CIRCULAR PRE-CAST
UNITS. PRECAST BOX,
CIRCULAR AND/OR
BUILT-IN-PLACE
CONSTRUCTION MAY BE
USED IN COMBINATIONS.

ALTERNATE TO INVERT



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

DETAIL OF TOP REINFORCED CONCRETE SLAB



NOTES:
1. PIPE SIZES NUMBER & LOCATION 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.
2. TYPICAL TREATMENTS FOR SKEWED PIPE ARE: CIRCULAR PRECAST UNITS; PRECAST SWIVEL SECTIONS; PIPE ELBOWS OR INCREASED BOX SIZE TO ACCOMMODATE SKEWS.
3. SEE SEPARATE STANDARDS FOR PRECAST ALTERNATES.

DATE		DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA	
REVISION		STANDARD CATCH BASINS FOR USE WITH CURB (4" HT.) & GUTTER	
NOT TO SCALE		REDRAWN JULY 2024	
BY		AUG. 1982	
REV. & REDR. M.J.L.		(SUBMITTED) <i>David E. Hardy</i>	
TRA. G.M.E.		STATE ROAD & AIRPORT DESIGN ENGR.	
CHK. R.K.C.		(APPROVED) <i>Thomas D. Marshall</i>	
		STATE HIGHWAY ENGINEER	
		NUMBER 1033E	