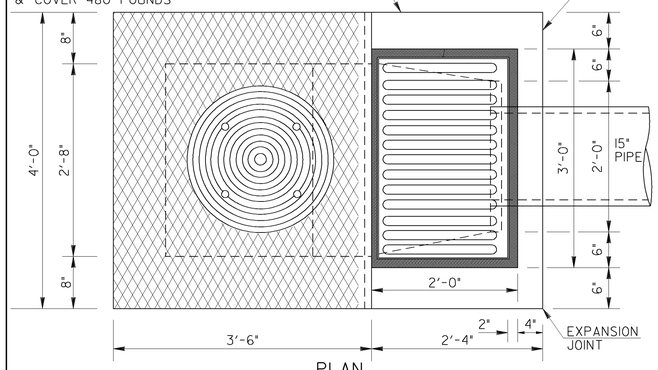
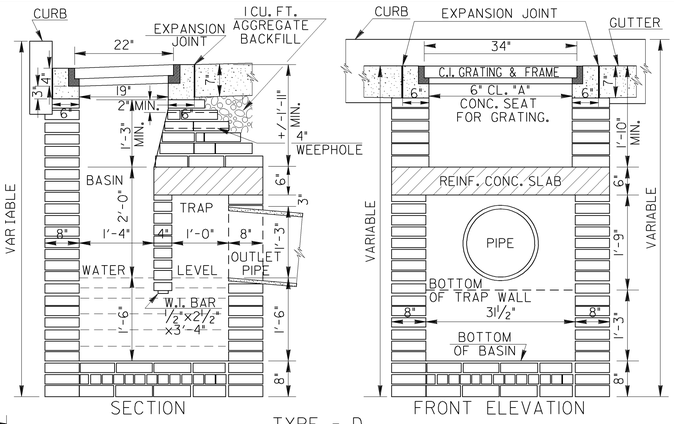
| STATE | PROJECT NUMBER | SHEET NO. | TOTAL SHEETS |
|---|---|---|---|
| GA. | | | |

APPROXIMATE WEIGHT OF FRAME & COVER 480 POUNDS




PLAN




SECTION

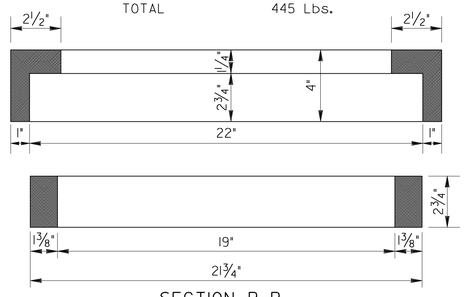



FRONT ELEVATION

TYPE - D
TRAPPED BRICK INLET WITH GRATE
SECTION OF FRAME AND COVER

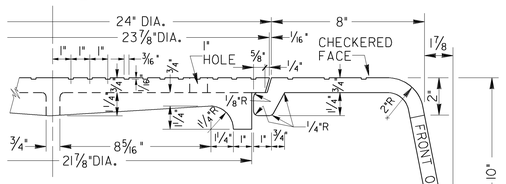
NOTE:
ALL CASTINGS SHALL CONFORM TO THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS.

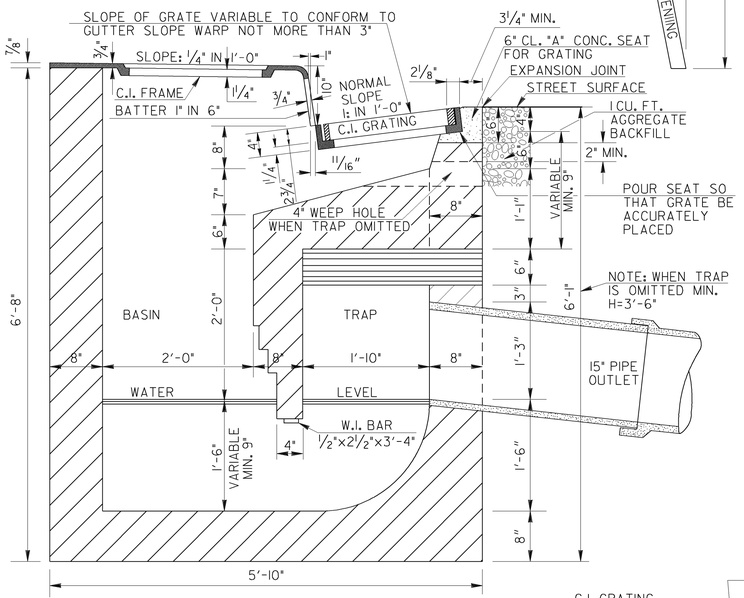
WEIGHTS
FRAME ESTIMATED 180 Lbs.
GRATING ESTIMATED 265 Lbs.
TOTAL 445 Lbs.



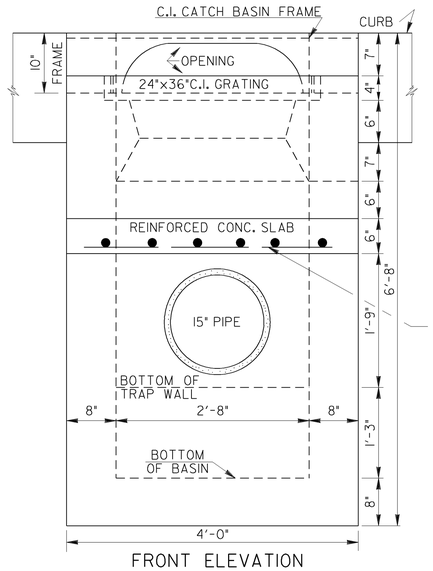

SECTION B-B

NOTE:
CASTINGS ARE CITY OF ATLANTA STD. AND MODIFICATION AS SHOWN FOR SECTION OF FRAME AND COVER.

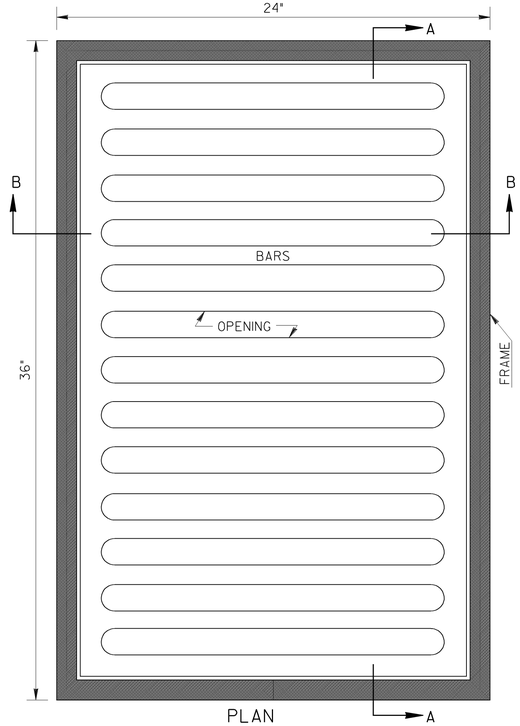



TYPE - A TRAPPED BRICK C.B. WITH HOOD




FRONT ELEVATION




PLAN

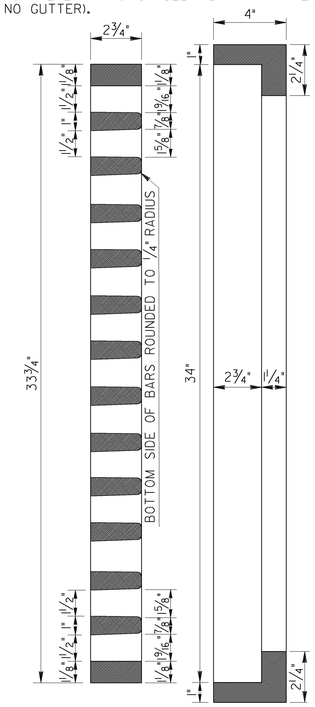
STORM WATER GRATING

NOTE:
WEEPHOLES MAY BE 4" DIA. ROUND OR 4" SQUARE AT THE OPTION OF THE CONTRACTOR. AGGREGATE FOR BACKFILL SHALL CONSIST OF A MIXTURE OF 50% SIZE 57, M-58, 357, OR 467 COARSE AGGREGATE AND 50% SIZE 10 SAND AND SHALL BE PLACED IMMEDIATELY PRIOR TO COMPACTING OF THE BASE MATERIAL.

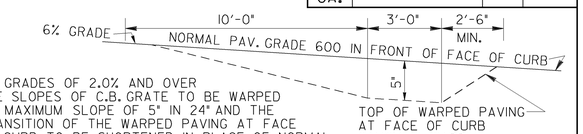
NOTE:
OPENINGS IN GRATES SHALL BE PERPENDICULAR TO DIRECTION OF TRAFFIC FOR ALL STRUCTURES.

STD. 1019B GRATE MAY BE SUBSTITUTED FOR IMPROVED HYDRAULIC CAPACITY.

SPECIAL NOTE:
THIS STANDARD SHOULD BE USED ONLY IN SAGS OR LOW POINTS. SEE OTHER STANDARDS FOR MORE EFFICIENT DRAINAGE STRUCTURES ON GRADES.

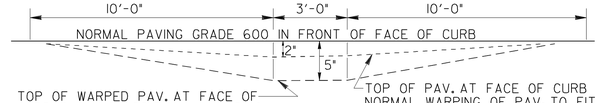



SECTION A-A
SCALE: HOR. 1"=3'-0"
VERT. 1"=1'-0"

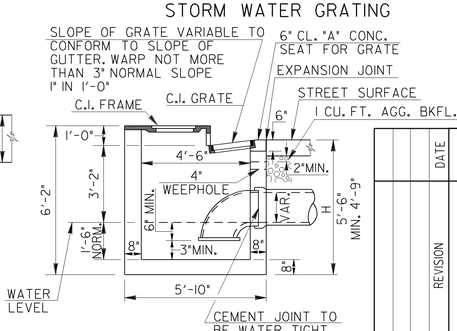



ON GRADES OF 2.0% AND OVER THE SLOPES OF C.B. GRATE TO BE WARPED TO MAXIMUM SLOPE OF 5" IN 24" AND THE TRANSITION OF THE WARPED PAVING AT FACE OF CURB TO BE SHORTENED IN PLACE OF NORMAL 10'-0" TRANSITION ON DOWNGRADE SIDE OF CATCH BASIN.

LONGITUDINAL SECTION SHOWING WARPING OF PAVING TO FIT WARPED SLOPE OF C.B. GRATE ON GRADES OF 2.0% AND OVER-FULL WIDTH PAVING WITH INTERGRAL CURB (NO GUTTER).

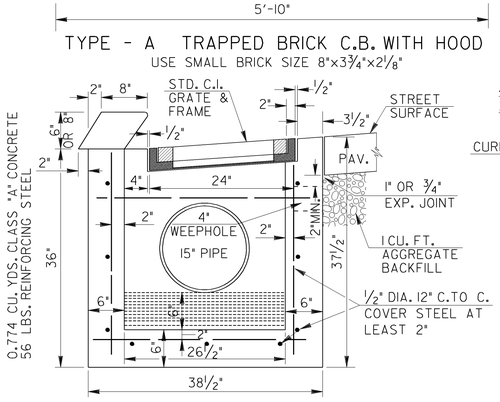



LONGITUDINAL SECTION SHOWING WARPING OF PAVING TO FIT SLOPE OF GRATING WHERE PAVING IS FULL WIDTH WITH INTERGRAL CURB (AND NO GUTTER).

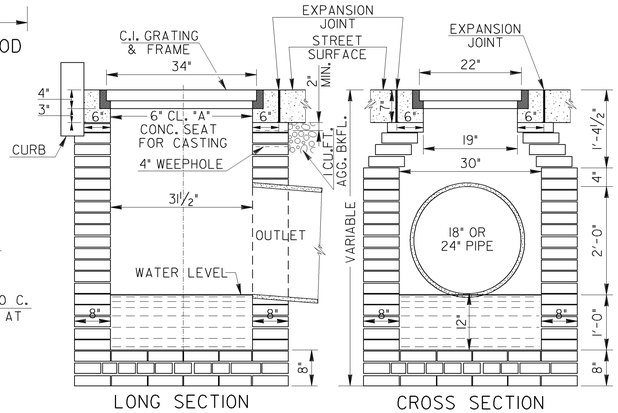



TYPE - A
TRAPPED BRICK C.B. WITH HOOD WITH TYPE E TRAP

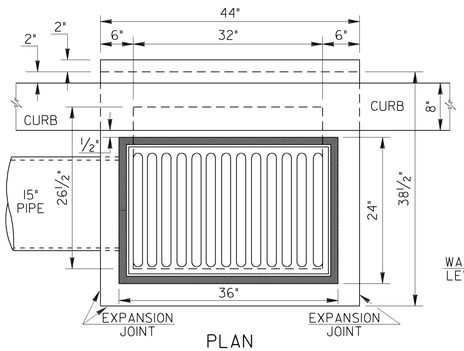
GENERAL NOTE:
ALL TRAPS WILL BE OMITTED UNLESS SHOWN ON PLANS.




TYPE - B CONC. INLET BASIN




LONG SECTION CROSS SECTION
TYPE - C BRICK INLET BASIN




PLAN
CONC. INLET BASIN

| | DATE | DEPARTMENT OF TRANSPORTATION<br>STATE OF GEORGIA | |
|---|---|---|---|
| BY | REVISION | STANDARD<br>CATCH BASINS WITH<br>CAST IRON GRATE INLETS<br>REV. & REDR. SEPT. 1999 | |
| | | DES. ____ (SUBMITTED) STATE ROAD & AIRPORT DESIGN ENGINEER<br>DRW. ____<br>TRA. ____<br>CHK. ____ (APPROVED) CHIEF ENGINEER | NUMBER 1010 |