24.00" X 36.00" GRATED INLET.

2X #30.00" BOLTED & GASKETED CAST IRON ACCESS COVER, STANDARD.

PLAN VIEW

INLET, #48.00" MAX. PIPE SIZE. SEE NOTE 9.
INLET GALLERY.

OUTLET, #48.00" MAX. PIPE SIZE. SEE NOTE 9.

CONCRETE COLLAR, REQUIRED, BY OTHERS.

ISOMETRIC VIEW

SCALE 3/4

24.00" X 36.00" TRAFFIC RATED GRATED INLET.

TOP SLAB.
RISER AS REQUIRED.
INTERNAL COMPONENTS.
PARTITION SLAB.
0.75" [9.00"] MINIMUM THICK.
LOWER RISER.
BASE.

48.00" STANDARD HEIGHT INTERNALS

PERMANENT POOL LEVEL

OUTLET, #48.00" MAX. PIPE SIZE. SEE NOTE 9.

9.00" MINIMUM WALL THICKNESS

8.00" [96.00"] SLUMP

12.00" MINIMUM

8.00" [96.00"] MINIMUM

9.50" [114.00"]

1. DESIGN LOADINGS:
   A. AASHO HS-20-44 W/ IMPACT.
   B. DESIGN FILL, 6' MAXIMUM.
   C. ALLOWED SITE DEPTH, 18" MAXIMUM, PAINTED ON PIPES.
   D. DRY LAT. EARTH PRESSURE (COP) = 45 PCB.
   E. LAT. EARTH PRESSURE (COP) = 60 PCB (APPLIED TO 9" BOTTOM/accessory).
   F. NO LATERAL SUBSURFACES FROM ADJACENT BUILDINGS, WALLS, ETC.

2. CONCRETE 28 DAY COMPRESSIVE STRENGTH SHALL BE 5,000 PSI MINIMUM.


4. CEMENT: ASTM C-150 SPECIFICATION.

5. REQUIRED NATURAL ALLOWABLE SOIL BEARING PRESSURE = 2,500 PSI.

6. REFERENCE STANDARD:
   A. ASTM C-479
   B. ASTM C-497

7. THIS STRUCTURE IS DESIGNED TO THE PARAMETERS NOTED HEREIN. PLEASE VERIFY THAT THESE PARAMETERS MEET PROJECT REQUIREMENTS (I.E. LAMeload, TIE RANGES W/ WATER, ETC.). IF DESIGN PARAMETERS ARE INCONGRUOUS, REDESIGN ENGINEER/ARCHITECT SHALL NOTIFY OLDCASTLE PRECAST STORMWATER UPON REVIEW OF THIS SUBMITTAL.

GENERAL NOTES:

8. TREATMENT CAPACITY IS DEPENDENT ON LOCAL REGULATORY REQUIREMENTS. BYPASS CAPACITY IS DEPENDENT ON OUTLET DIAMETER. CONTACT OLDCASTLE PRECAST STORMWATER FOR PROJECT-SPECIFIC TREATMENT AND BYPASS SIZING RECOMMENDATIONS.

9. STANDARD INLET/OUTLET PIPE CONFIGURATION TO ENTER AND EXIT STRUCTURE AT 85° SPECIAL ANGLED CONFIGURATIONS AVAILABLE.

10. OVERSIZED HOLES TO ACCOMMODATE SPECIFIC PIPE TYPE MUST BE CONCEIVED TO PIPE ID. ALL ANNULAR SPACES SHALL BE FILLED WITH A MINIMUM OF 3,000 PSI CONCRETE FOR FULL THICKNESS OF PRECAST WALL.

11. CONTRACTOR RESPONSIBLE TO ENSURE COMPLETE REARING SURFACE IS PROVIDED (I.E. COMPACTED & LEVEL PER PROJECT SPECIFICATIONS).

12. FOR SITE SPECIFIC DRAWINGS WITH DETAILED STRUCTURE DIMENSIONS AND HOLES, PLEASE CONTACT OLDCASTLE PRECAST STORMWATER.