DESIGN NOTES:

1. DESIGN LOADINGS:
   A. ASHRAE 16-20-44 W/ IMPACT.
   B. DESIGN FILL: 6" MAXIMUM.
   C. ASSUMED WATER TABLE = BOTTOM OF PRECAST.
   D. DRY LATERAL EARTH PRESSURE (Kp) = 45 PSF.
   E. LATERAL LIVE LOAD SURCHARGE = 50 PSF (APPLIED
      TO 60" BELOW GRACE).
   F. NO LATERAL SURFACE FROM ADJACENT BUILDINGS,
      WALLS, PIERG, OR FOUNDATIONS.

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

3. STEEL REINFORCEMENT: REBAR, ASTM A-615 OR A-706,
   GRADE 60.

4. CEMENT: ASTM C-150 SPECIFICATION.

5. REQUIRED NATIVE ALLOWABLE SOIL BEARING PRESSURE =
   2,500 PSF.

6. REFERENCE STANDARDS:
   A. ASTM C 690
   B. ASTM C 513

7. THIS STRUCTURE IS DESIGNED TO THE PARAMETERS NOTED
   HEREIN. PLEASE VERIFY THAT THESE PARAMETERS MEET
   PROJECT REQUIREMENTS (I.E. LIVE LOAD, FULL RANGE,
   WATER TABLE). IF DESIGN PARAMETERS ARE INCOMPLETE,
   REVIEWING ENGINEER/AUTHORITY 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
   PIPE DIAMETER, CONTAINS OLDCASTLE PRECAST® STORMWATER
   FOR PROJECT-SPECIFIC TREATMENT AND BYPASS SIZING
   RECOMMENDATIONS.

9. OVERSIZED HOLES TO ACCOMMODATE SPECIFIC PIPE TYPE
   MUST BE CONCENTRIC TO PIPE D. ALL ANNULAR SPACES
   SHALL BE FILLED WITH A MINIMUM OF 3000 PSI CONCRETE
   FOR FULL THICKNESS OF Precast WALLS.

10. CONTRACTOR RESPONSIBLE TO ENSURE ADEQUATE BEARING
    SURFACE IS PROVIDED (I.E. COMPACTED & LEVEL PER
    PROJECT SPECIFICATIONS).

11. FOR SITE SPECIFIC DRAWINGS WITH DETAILED
    STRUCTURE DIMENSIONS AND MOLDERS, PLEASE CONTACT
    OLDCASTLE PRECAST® STORMWATER.