DESIGN NOTES:

1. DESIGN LOADINGS:
   A. ASHMD K=60-90-44 W/ IMPACT.
   B. DESIGN FILL: 5% MAXIMUM.
   C. ASSUMED WATER TABLE = BELOW BOTTOM OF PRECAST.
   D. DRY LATERAL EARTH PRESSURE (Epp) = 45 FPF.
   E. LATERAL LINE LOAD SURCHARGE = 90 PSF (APPLIED TO 9' BELOW GRADE).
   F. NO LATERAL SURCHARGE FROM ADJACENT BUILDINGS, WALLS, PERIM. OR FOUNDATIONS.

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


4. CEMENT: ASTM C-150 SPECIFICATION.

5. REQUIRED NATIVE ALLOWABLE SOIL REAING PRESSURE = 2,500 Psf.

6. REFERENCE STANDARDS:
   A. ASTM C 690
   B. ASTM C 593

7. THIS STRUCTURE IS DESIGNED TO THE PARAMETERS NOTED HEREIN. PLEASE VERIFY THAT THESE PARAMETERS MEET PROJECT REQUIREMENTS (I.E., LOAD, FULL RANGE, WATER TABLE). IF DESIGN PARAMETERS ARE INCONGRUENT, REVIEW 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. CONTACT 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 ANGULAR SPACES SHALL BE FILLED WITH A MINIMUM OF 3000 PSI CONCRETE FOR FULL THICKNESS OF PRECAST WALLS.

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

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