

FIELD REPORT FOR
PRECAST DRAINAGE ITEMS

REPORT NUMBER

PAGE OF

DISTRIBUTION: CFS Drainage Engineer, Region Materials Supervisor, Region Materials Supervisor (receiving region),
MDOT-Ancillary@Michigan.gov, Engineer, Producer.

PROJECT NUMBER	DATE TESTED	PROJECT ENGINEER
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PRODUCER

ADDRESS

SPECIFICATION	MEETS FAILS
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DIMENSIONS

	SPECIFICATION	PERMISSIBLE VARIATION				REMARKS & COMPUTATIONS
Type of Specimen						
Size of Specimen						
Quantity of Material Represented						
Date of Manufacture						
Internal Diameter (Top), Inches						
Internal Diameter (Bottom), Inches						
Laying Length, Inches						
Shell/Wall Thickness, Inches						
Flat Slab Tops/Base Slabs/Floors Thickness, Inches						

STEEL

Number Lines Reinforcement						
Spacing and Gage Circular Wires, Inner, Inches						
Spacing and Gage Circular Wires, Outer, Inches						
Cover Over Reinforcement Inside, Inches						
Cover Over Reinforcement Outside, Inches						
Reinforcing Steel Diameter, Inches						
Area-Circular Wires, Inner, sq. in./ft.						
Area-Circular Wires, Outer, sq. in./ft.						

$$PSI = \frac{\text{Total Load}}{\pi r^2} \times \text{Correction Factor}$$

STRENGTH

H/D = Correction Factor

Height, Inches (Cylinder or Core)					
Diameter, Inches (Cylinder or Core)					
Height/Diameter Ratio					
πr^2					
Correction Factor	ASTM C-39	SECTION 8.2			
Ultimate Load Total Lbs. (Cylinder or Core)					
PSI (Cylinder or Core)					

DATES OF MANUFACTURE

REMARKS	INSPECTED BY:
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