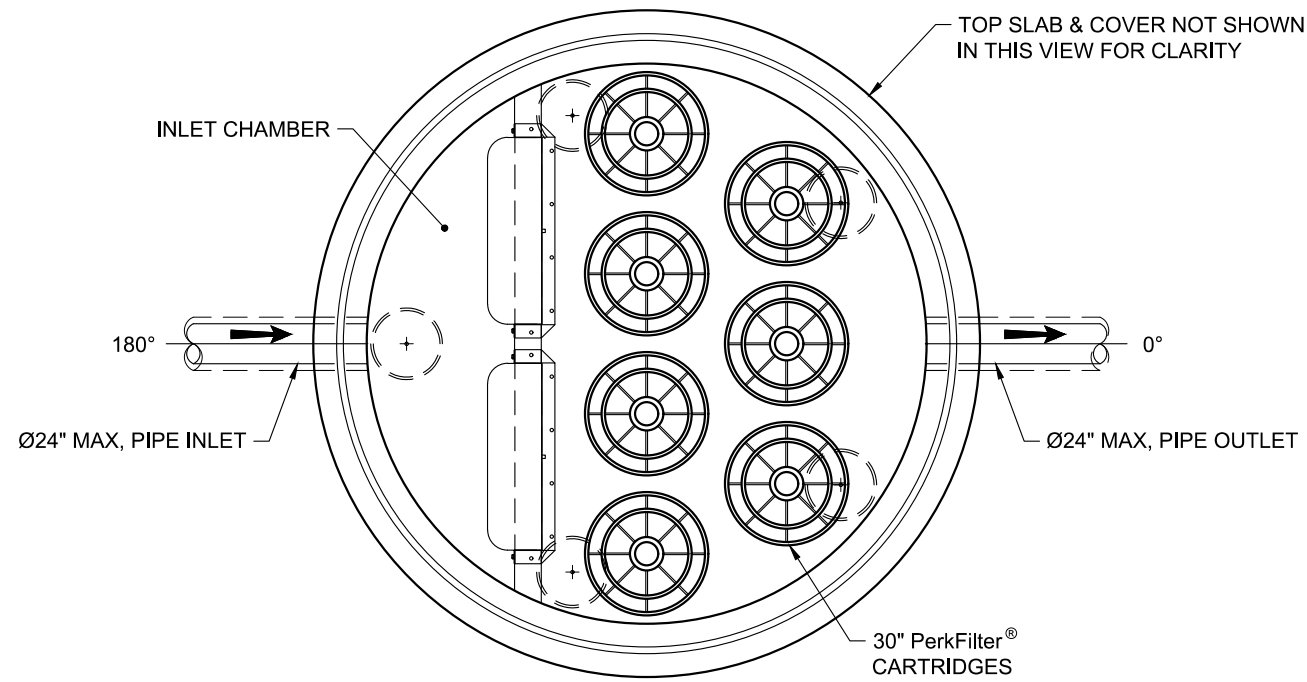


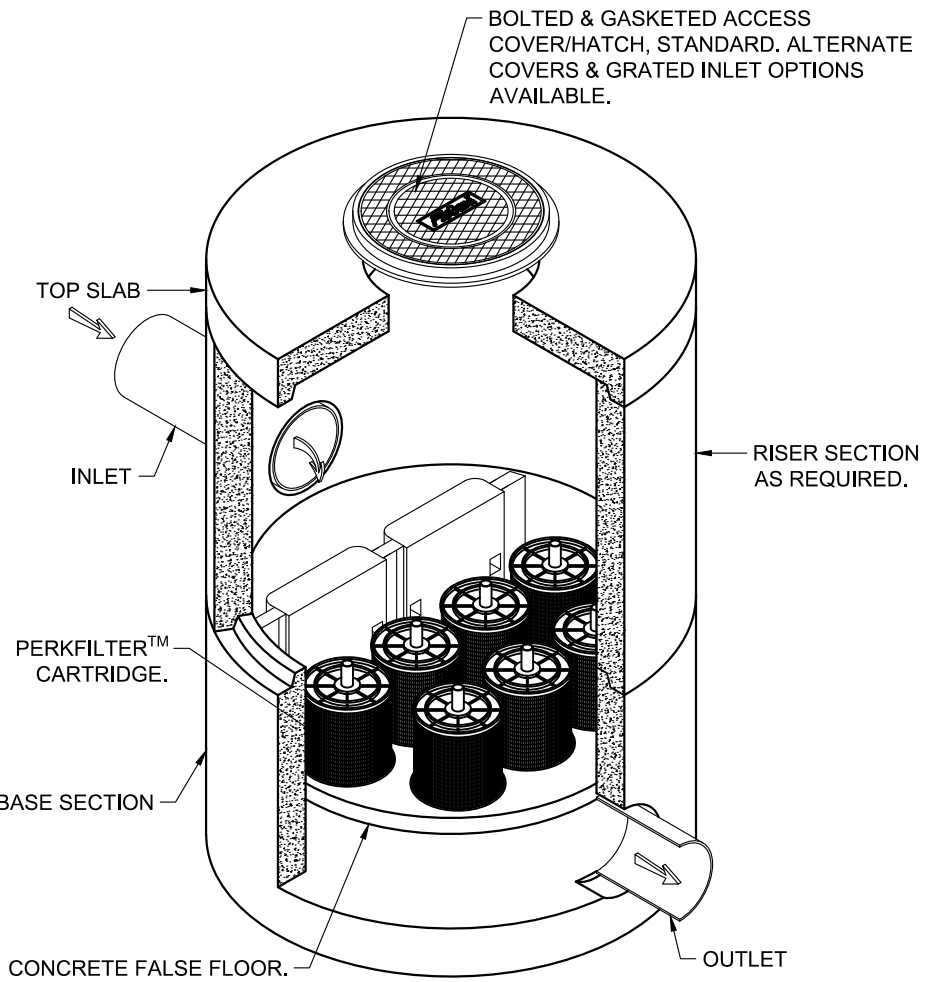
SITE SPECIFIC DATA					MINIMUM DEPTH	
Structure ID	-				Outlet Pipe Size	Minimum Rim to Outlet Depth
Treatment Flow Rate (gpm/cfs)	-				Ø6"	6.08'
Peak Flow Rate (cfs)	-				Ø8"	6.33'
Cartridge Quantity	-				Ø10"	6.58'
Rim Elevation	-				Ø12"	6.83'
					Ø15"	7.08'
					Ø18"	7.33'
					Ø21"	7.58'
					Ø24"	7.83'
Pipe Data	Pipe Location	Pipe Size	Pipe Type	Invert Elevation		
Inlet	-	-	-	-		
Outlet	-	-	-	-		
Notes: -						

PERFORMANCE SPECIFICATIONS	
Peak Treatment Capacities: ¹	
Max. Cartridge Quantity	7
NJDEP 80% Removal, 75 micron	238 gpm / 0.530 cfs
WA Ecology GULD - Basic & Phosphorus	119 gpm / 0.265 cfs
Max. Bypass Capacity	7.24 cfs

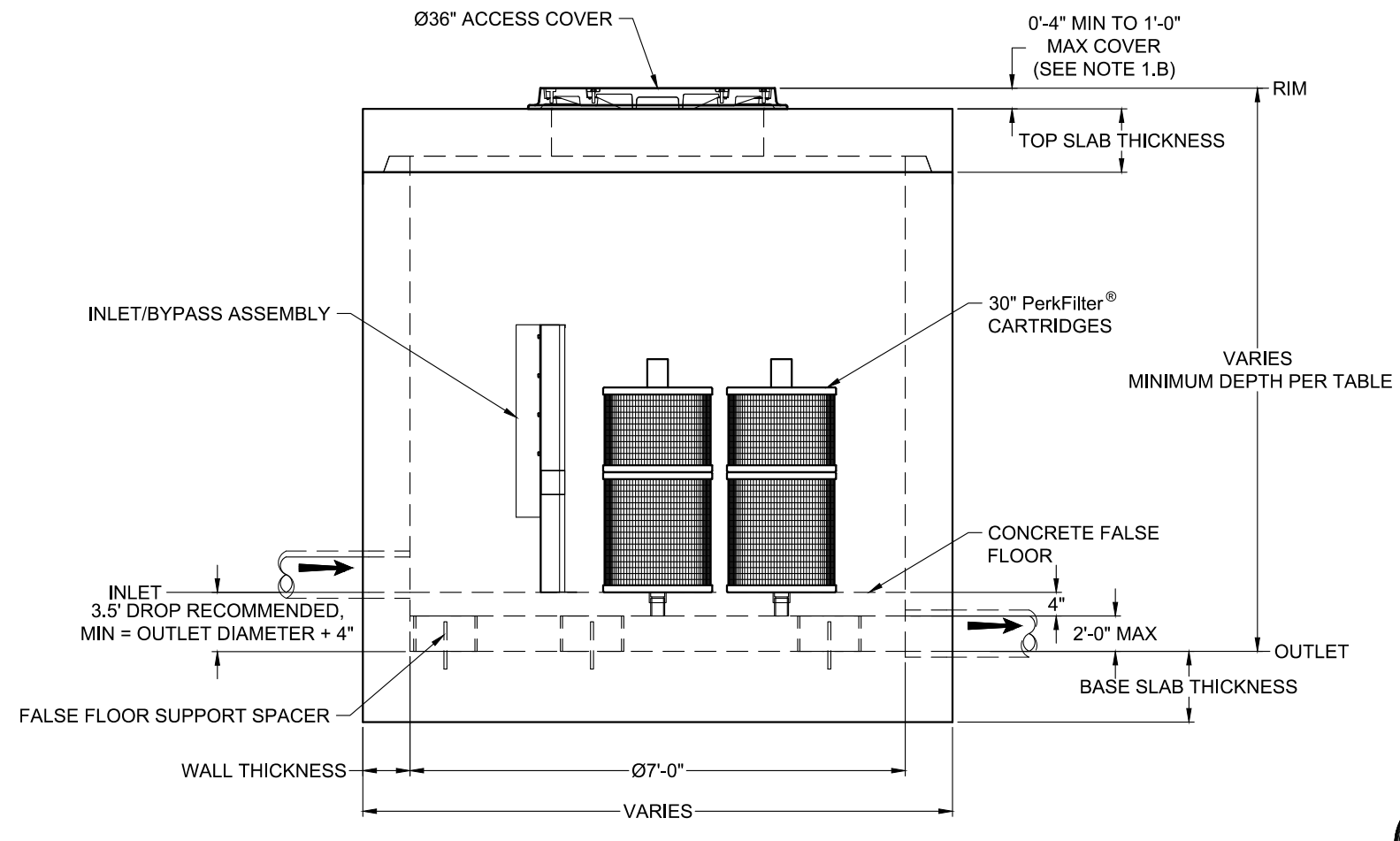
¹ Contact Oldcastle for alternative treatment and peak flow capacities.



PLAN VIEW




ISOMETRIC VIEW



ELEVATION VIEW

- NOTES:
- DESIGN LOADINGS:
 - AASHTO HS-20-44 (WITH IMPACT)
 - DESIGN SOIL COVER: 1'-0" MAXIMUM
 - ASSUMED WATER TABLE: BELOW INVERT.
 - LATERAL EARTH PRESSURE: 45 PCF (DRAINED)
 - LATERAL LIVE LOAD SURCHARGE: 80 PSF (APPLIED TO 8'-0" BELOW GRADE)
 - NO LATERAL SURCHARGE FROM ADJACENT BUILDINGS, WALLS, PIERS, OR FOUNDATIONS.
 - CONCRETE 28-DAY MINIMUM COMPRESSIVE STRENGTH: 5,000 PSI MINIMUM.
 - REINFORCING: REBAR, ASTM A615/A706, GRADE 60
 - CEMENT: ASTM C150
 - REQUIRED ALLOWABLE SOIL BEARING CAPACITY: 2,500 PSF
 - REFERENCE STANDARD:
 - ASTM C 478
 - ASTM C 497
 - THIS STRUCTURE IS DESIGNED TO THE PARAMETERS NOTED HEREIN. ENGINEER-OF-RECORD SHALL VERIFY THAT NOTED PARAMETERS MEET OR EXCEED PROJECT REQUIREMENTS. IF DESIGN PARAMETERS ARE INCORRECT, REVIEWING ENGINEER/AUTHORITY SHALL NOTIFY OLDCASTLE INFRASTRUCTURE UPON REVIEW OF THIS SUBMITTAL.
 - OVERSIZED HOLES TO ACCOMMODATE SPECIFIC PIPE TYPE MUST BE CONCENTRIC TO PIPE ID. AFTER PIPES ARE INSTALLED, ALL ANNULAR SPACES SHALL BE FILLED WITH A MINIMUM OF 3,000 PSI CONCRETE FOR FULL THICKNESS OF PRECAST WALLS. PIPES ARE TO BE FLUSH WITH THE INSIDE SURFACE OF THE CONCRETE STRUCTURE.
 - CONTRACTOR RESPONSIBLE TO VERIFY ALL SIZES, LOCATIONS, AND ELEVATIONS OF OPENINGS.
 - CONTRACTOR RESPONSIBLE TO ENSURE ADEQUATE BEARING SURFACE IS PROVIDED (I.E. COMPACTED AND LEVEL PER PROJECT SPECIFICATIONS).
 - SECTION HEIGHTS, SLAB/WALL THICKNESSES, AND KEYWAYS ARE SUBJECT TO CHANGE AS REQUIRED FOR SITE REQUIREMENTS AND/OR DUE TO PRODUCT AVAILABILITY AND PRODUCTION FACILITY CONSTRAINTS.
 - FOR SITE SPECIFIC DRAWINGS WITH DETAILED STRUCTURE DIMENSIONS AND WEIGHTS, PLEASE CONTACT OLDCASTLE INFRASTRUCTURE.
 - MAXIMUM PICK WEIGHTS:
 - TOP SLAB: XX,XXX LBS
 - RISER: XX,XXX LBS
 - BASE: XX,XXX LBS* (* COMBINED WEIGHT OF BASE INCLUDES FALSE FLOOR, AND PRODUCT INTERNALS.)
 - INTERNALS SHALL CONSIST OF CARTRIDGES, INLET/BYPASS ASSEMBLIES, FALSE FLOOR AND FALSE FLOOR SUPPORT SPACERS.



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PerkFilter® Manhole (STANDARD)
Ø84" with 30" Cartridges

CUSTOMER	-	
PROJECT NAME	-	
SHEET NAME	REVISION	SHEET
Specifier Drawing	-	1 OF 1
PFMH-84-30	REV DATE	-

