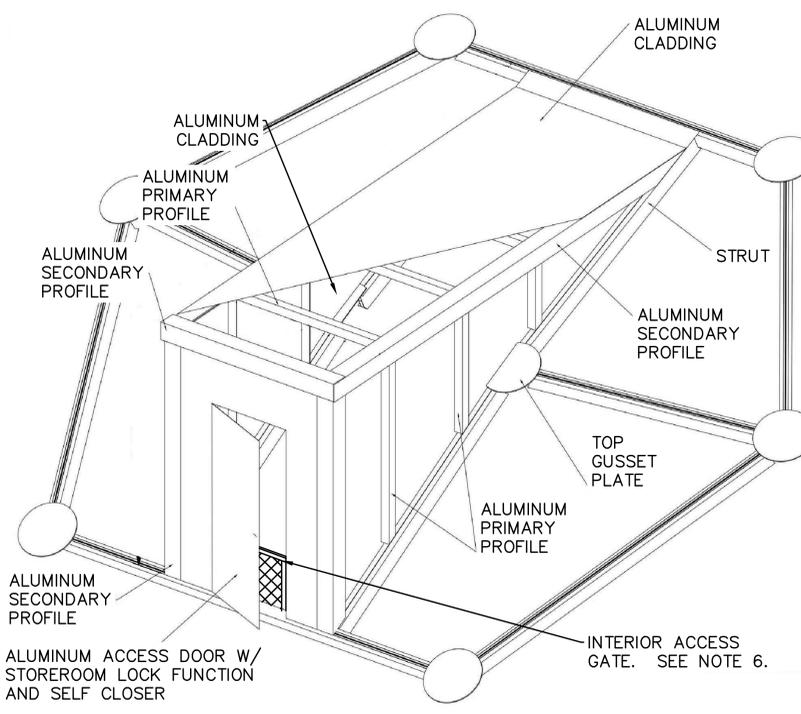
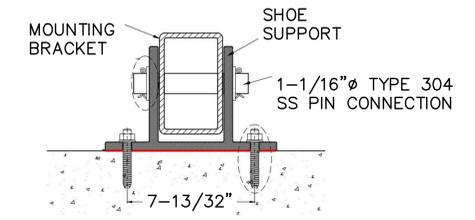


**TRICKLING FILTER COVER PLAN**  
SCALE: NTS

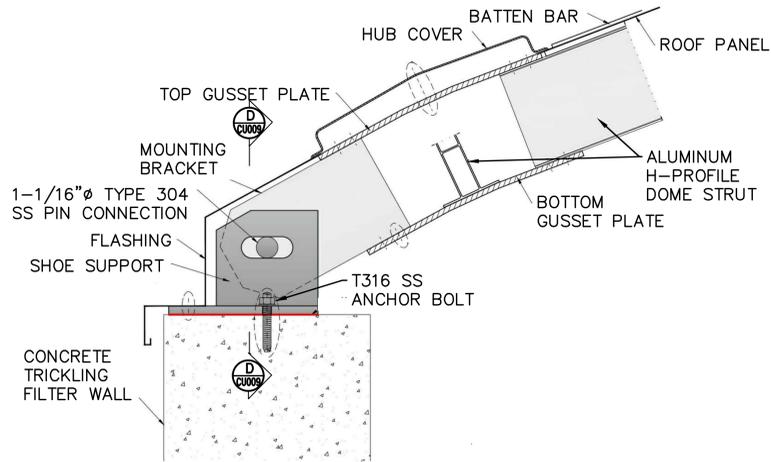


**DORMER ENTRANCE DETAIL**  
SCALE: NTS

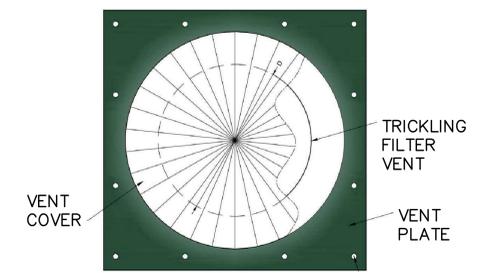
- NOTES:
- 1) CONTRACTOR SHALL COORDINATE ALL MATERIALS, FASTENERS, FASTENING LOCATIONS, AND DIMENSIONS WITH MANUFACTURER AND ENGINEER APPROVED SHOP DRAWING.
  - 2) ALL SEALANTS, GASKETS, GROUNDING CABLES, ETC. SHALL BE INSTALLED ACCORDING TO DOME MANUFACTURERS RECOMMENDATIONS.
  - 3) HUB COVERS SHALL BE INSTALLED WITH A NEUTRAL SILICONE SEALANT BEAD AROUND THEIR PERIMETER. SILICONE BEAD SHALL ALSO BE INSTALLED AT THE START OF THE BATTEN BARS.
  - 4) THE INFORMATION SHOWN ON THIS DRAWING IS BASED ON MANUFACTURER DRAWINGS FOR THE COVER SPECIFIED IN SECTION 460100. THE CONTRACTOR SHALL COORDINATE COVER LAYOUT, MOUNTING AND FASTENING METHODS, AND STRUCTURAL DESIGN WITH THE APPROVED DOME COVER MANUFACTURER.
  - 5) CONTRACTOR SHALL FURNISH AND INSTALL OSHA COMPLIANT CONFINED SPACE SIGN MOUNTED TO EXTERIOR OF ALUMINUM ACCESS DOOR.
  - 6) ACCESS DORMER SHALL BE INSTALLED WITH INTERIOR, ALUMINUM 42" HIGH SWING GATE DOOR SECURELY MOUNTED TO DORMER STRUCTURE. THE SWING GATE SHALL HAVE SPRING LOADED HINGES AND A LATCH FOR SECURE CLOSURE THAT IS ACCESSIBLE FROM THE INSIDE AND OUTSIDE OF THE GATE.



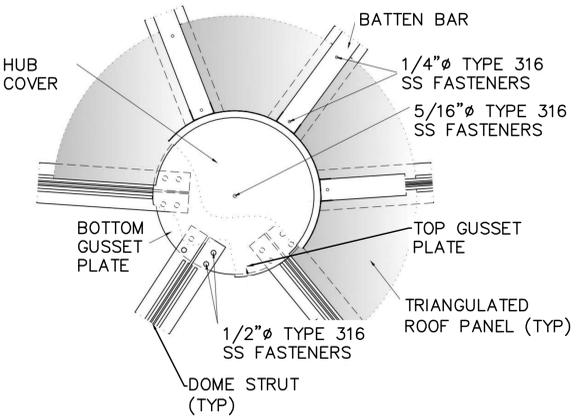
**DOME SUPPORT SECTION 2** (D)  
SCALE: NTS



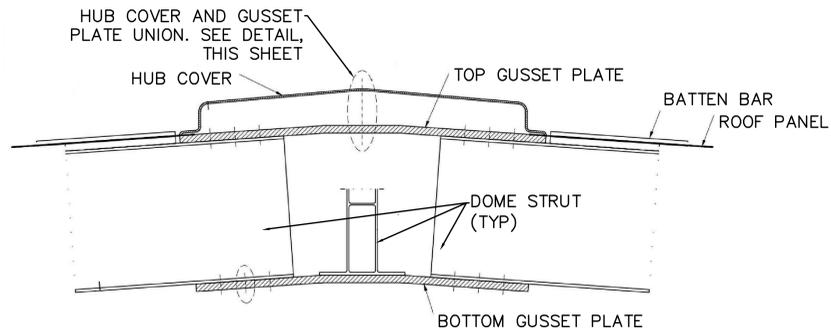
**DOME SUPPORT SECTION 1** (B)  
SCALE: NTS



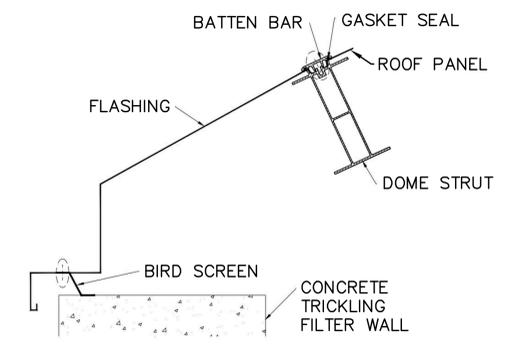
**VENT DETAIL**  
SCALE: NTS



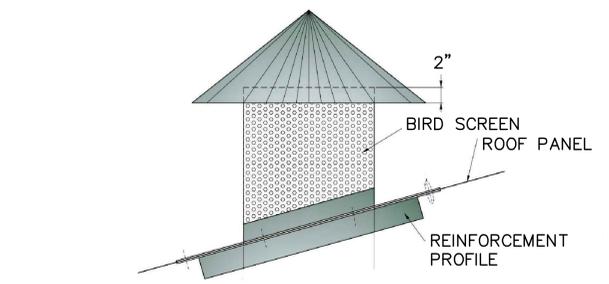
**DOME HUB AND GUSSET PLATE DETAIL**  
SCALE: NTS



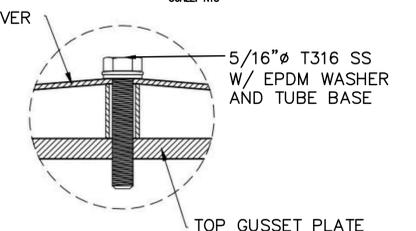
**DOME HUB SECTION** (A)  
SCALE: NTS



**PERIMETER DOME FLASHING SECTION** (C)  
SCALE: NTS



**HUB COVER AND GUSSET PLATE UNION DETAIL**  
SCALE: NTS



FINAL DESIGN (100%)

Revisions:	ARCHITECT / STRUCTURAL:	CIVIL:		PROJECT PRIME/ENGINEER:	CIVIL ENGINEER:	Drawing Title <b>TRICKLING FILTER COVER PLANS, SECTIONS, AND DETAILS</b> Approved: Project Director	Project Title	Project Number	Office of Construction and Facilities Management 
	Date			 4 COLLAMER ROAD MALTA, NY 12020 518-581-9428 <a href="http://www.sigmapsi.com">http://www.sigmapsi.com</a>			Renovate Sewage Treatment Plant Trickling Filter VA Hudson Valley Healthcare System at Castle Point, New York	VA 620A4-14-108 Building Number	