

**ROOF DRAIN & SCUPPER SIZING**

ROOF DRAINS SIZED USING FEC PLUMBING 2007 (W/ 2009 AMENDMENTS) SECTIONS 1105 AND 1106.

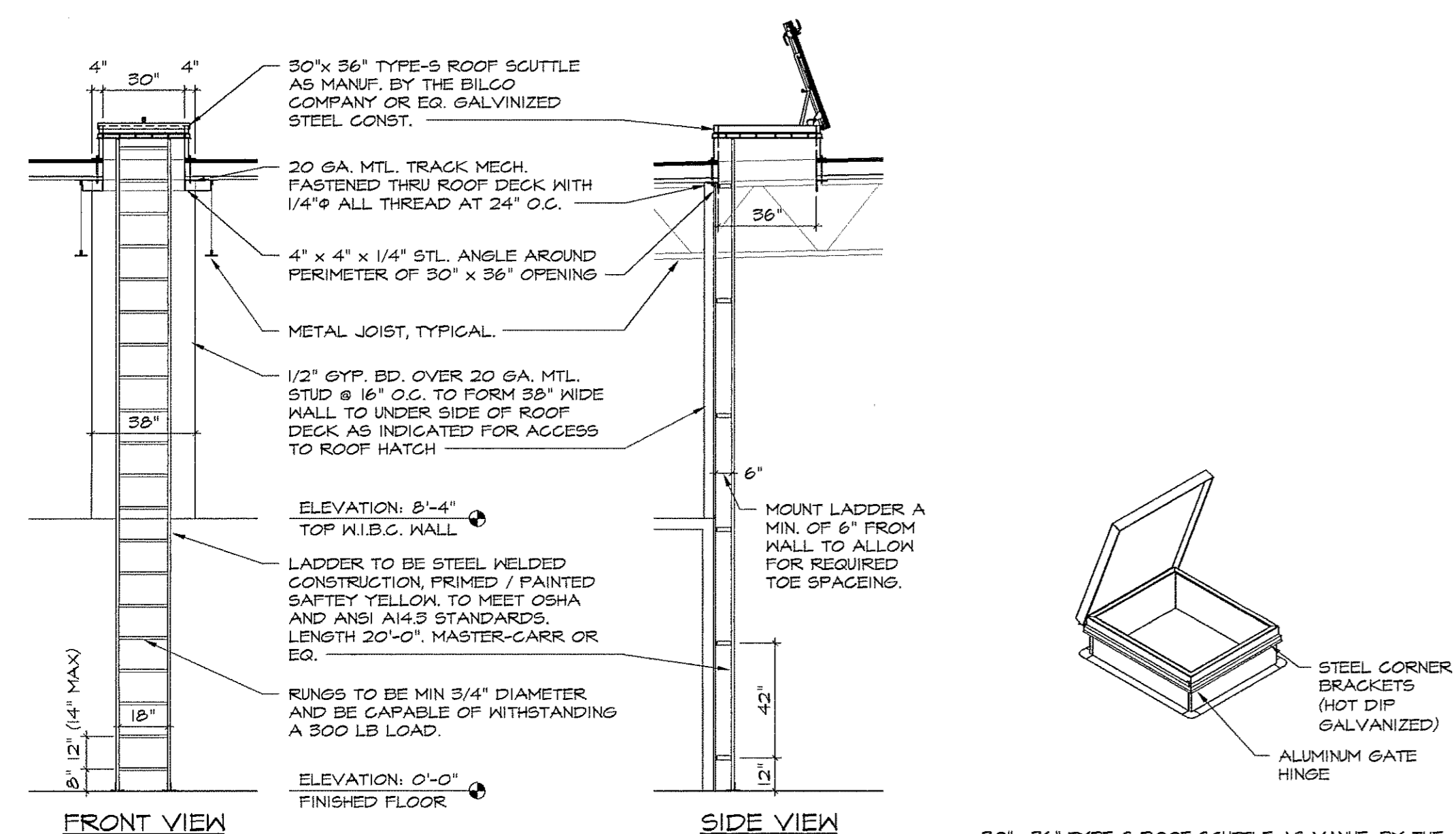
MIN. 4" VERTICAL ROOF DRAIN (644 - 4,140 SF @ 4.5 INCHES PER HOUR OF RAIN) PER TABLE 1106.2

SCUPPERS ARE DESIGNED PER FEC 2007 BUILDING (W/ 2009 AMENDMENTS), SECTION 1503.4.3 AND PLUMBING, CODE SECTION 1106

MIN. 4" x 6" SCUPPER OPENING (1845 - 2392 SF @ 4.5 INCHES PER HOUR OF RAIN) PER TABLE 1106.1, W/ GALVANIZED METAL FLASHING AT EACH SCUPPER. FLASHING SHALL EXTEND 4" BEYOND WALL FACE AND BE LOCATED A MIN. 2" / MAX. 4" ABOVE ROOF SURFACE. TYP. OF 4 LOCATIONS

- ROOF PLAN KEY NOTES:**
- 1 A/C UNIT ON FACTORY FABRICATED ROOF CURB. REFER TO MECHANICAL AND STRUCTURAL PLANS FOR ADDITIONAL INFORMATION.
  - 2 REFER TO PLUMB. PLANS FOR CONTINUATION OF RAIN WATER LEADERS (RWL) AND ADDITIONAL INFORMATION TYPICAL.
  - 3 REFER TO STRUCTURAL PLANS FOR ADDITIONAL FRAMING AND BRACING FOR RTUS, TYPICAL.
  - 4 16" X 4" ALUMINUM SOFFIT VENT, BACKED WITH INSECT SCREEN LOCATED AT SOFFIT.
  - 5 CONCRETE BARREL ROOF TILE "PINTO BLEND" BY MONIER, #30 FELT OVER CDX PLYWOOD. REFER TO MANUFACTURER'S INSTALLATION REQUIREMENTS.
  - 6 PROVIDE AND INSTALL 24" x 36", 16 GA. INSPECTION HATCH WITH KEYED LOCKING MECHANISM IN SOFFIT BELOW ENTRANCE CANOPY
  - 7 3/4" A/C CONDENSATE DRAIN LINE ON UV PROTECTED PLASTIC ROOF STANDS.
  - 8 ROOF WALK PADS MANUF. BY SOBREMA ROOFING SYSTEM.
  - 9 PRIMARY AND AUXILIARY ROOF DRAIN. ZURN MODEL NO. Z-121 12" DIAMETER ROOF DRAIN, DURA-COATED CAST IRON BODY WITH COMBINATION MEMBRANE FLASHING CLAMP / GRAVEL GUARD AND LOW SILHOUETTE CAST IRON DOME WITH 4" RWL.

**1 ROOF PLAN**  
SCALE: 1/8" = 1'-0"



**2 SECTION AT ROOF HATCH**  
SCALE: 1/4" = 1'-0"

REVISIONS	BY
BUILDING DEPT	MCM
REVISION 1-26-09	

**ARTERBURY ARCHITECTS, INC.**  
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*Handwritten signature and date: 1-28-10*

**ABC LIQUORS, INC.**  
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**ABC STORE NO. 43**  
VERO BEACH CENTURY TOWN CENTER

DRAWN:	M. MAISCO
CHECKED:	S. RIVERA
DATE:	5-15-09
SCALE:	AS NOTED
JOB No.	43
SHEET	

A-6

ROOF PLAN