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Project Number
160412

**1066 U.S. HIGHWAY 1
NEW RETAIL BUILDING - GOODWILL**
**1066 U.S. HIGHWAY 1
VERO BEACH, FLORIDA**

Project Name
NEW RETAIL BUILDING

STEPHEN BRASGALLA, ARCHITECT
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SUITE 100
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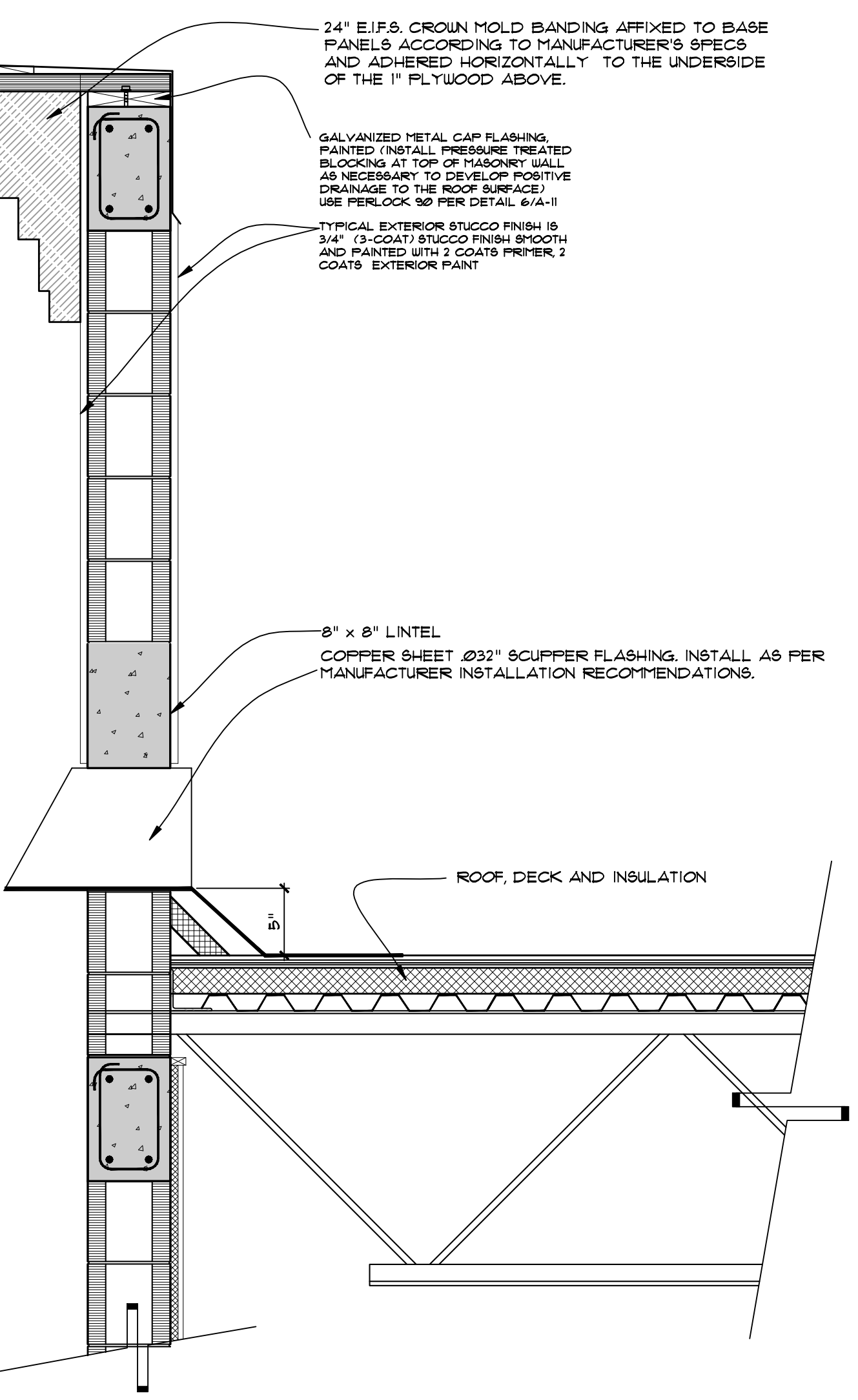
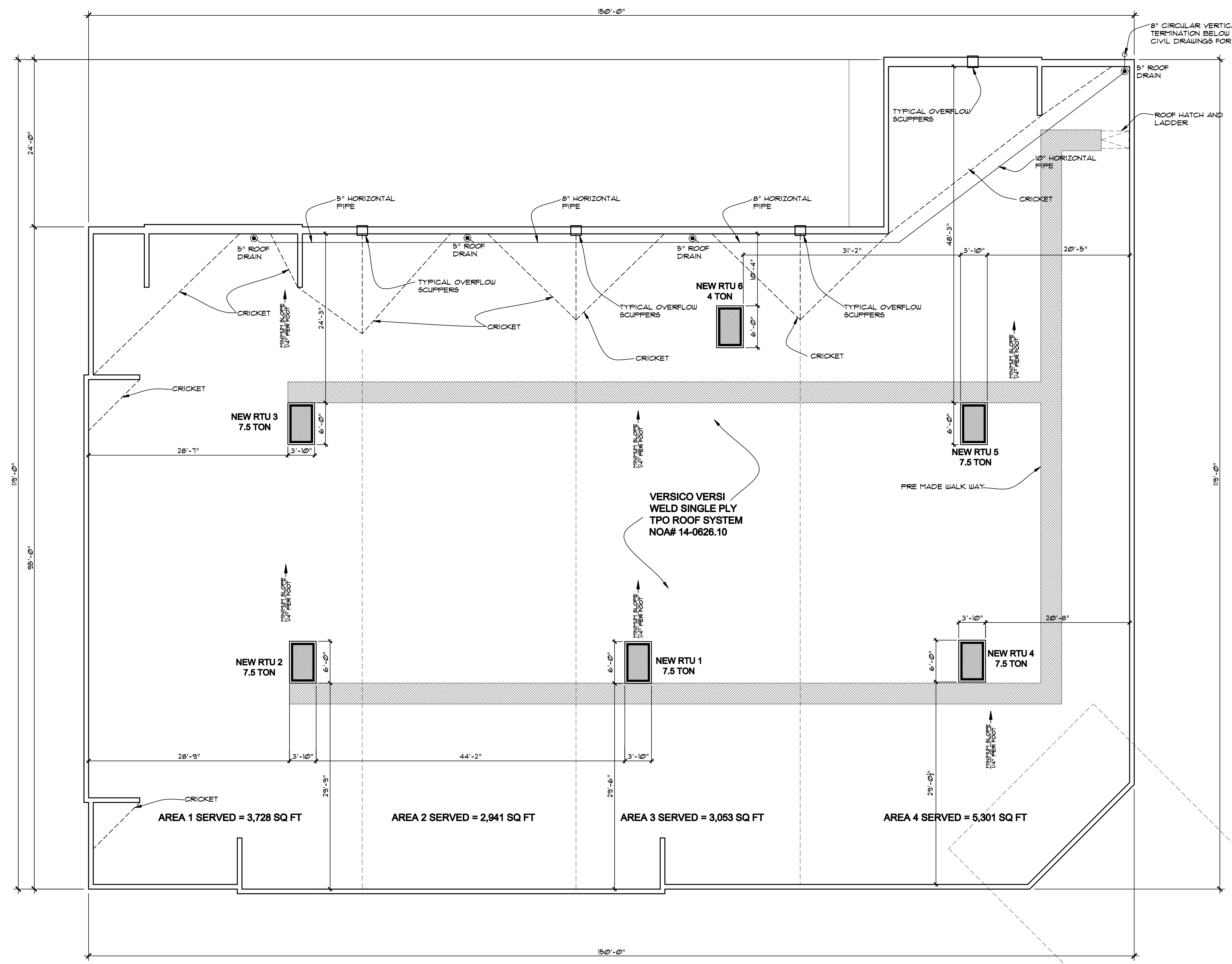
AS ISSUED FOR PERMIT 7-29-16 (NOT FOR CONSTRUCTION)

Drawn By: **RSS** Checked By: **STB**

Scale: **SHOWN** Date: **7-29-16**

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Sheet:
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ROOF DRAIN CALCULATIONS				
THE FOLLOWING IS BASED ON THE FBC 2014 F1105, TOTAL ROOF AREA = 2,416 SF				
CODE	TYPE OF DRAIN	RAINFALL RATE	ROOF AREA	SIZE OF PIPE REQUIRED
F1106.3	HORIZONTAL STORM DRAINAGE PIPING 1/4" SLOPE	5" PER HOUR	AREA 1 (3,728 SF)	5"
F1106.3	HORIZONTAL STORM DRAINAGE PIPING 1/4" SLOPE	5" PER HOUR	AREA 1 (3,728 SF) + AREA 2 (2,941 SF)	8"
F1106.3	HORIZONTAL STORM DRAINAGE PIPING 1/4" SLOPE	5" PER HOUR	AREA 1 (3,728 SF) + AREA 2 (2,941 SF) + AREA 3 (3,053 SF)	8"
F1106.3	HORIZONTAL STORM DRAINAGE PIPING 1/4" SLOPE	5" PER HOUR	AREA 1 (3,728 SF) + AREA 2 (2,941 SF) + AREA 3 (3,053 SF) + AREA 4 (5,301 SF)	10"
F1106.2(1)	CIRCULAR VERTICAL LEADER	5" PER HOUR	TOTAL ROOF AREA 2,416 SF	8"

TYPICAL OVERFLOW SCUPPER
SCALE: 3" = 1'-0"

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

