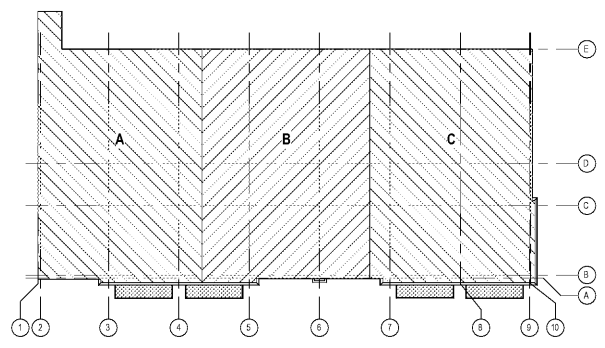


1 Roof Plan
SCALE: 1/8" = 1'-0"

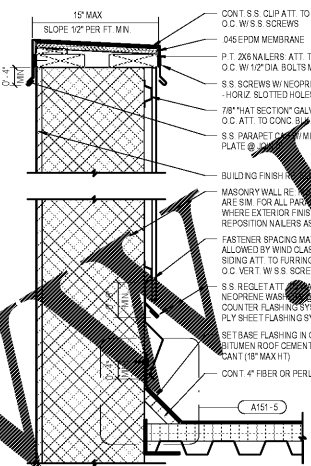


2 Roof Plan
SCALE: 1" = 20'-0"

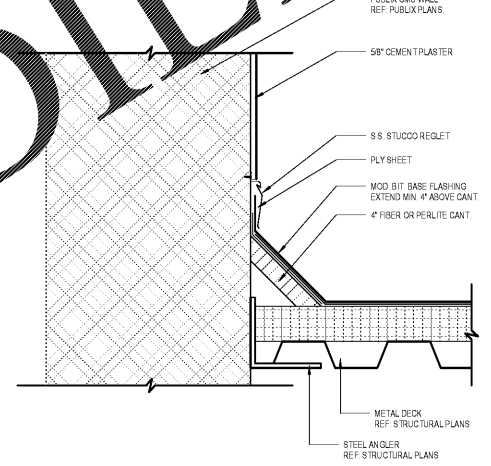
ROOF DRAINAGE CALCULATIONS					
PROJECT SITE - LEXINGTON, SC 100 YEAR 1 HR RAINFALL = 3.72" (ROUND UP TO 4")					
TOTAL ROOF AREA = HORIZONTAL PROJECTED AREA + HALF THE AREA OF VERTICAL WALLS THAT DRAIN WATER TO THE ROOF					
OVERFLOW LOW DRAINAGE CALCULATED FROM TABLE 1106.2 MODIFIED BY SECTION 1107.3					
ROOF LABEL	TOTAL AREA	LARGEST TRIG AREA	VERTICAL PIPING		
A	3,379 SQ	0,000 SQ	QTY.	DIAMETER REQ'D	DIAMETER PRVD
B	3,363 SQ	0,000 SQ	1	4	4
C	3,372 SQ	0,000 SQ	1	4	4

ROOF DRAINAGE CALCULATIONS					
DIAMETER OF LEADER (INCHES)	HORIZONTAL PROJECTED ROOF AREA (SQUARE FEET)				
	1	2	3	4	5
2	2,880	1,440	960	720	480
3	8,880	4,440	2,880	2,200	1,440
4	18,480	9,240	6,000	4,800	3,120
5	34,680	17,340	11,520	9,360	6,165
6	54,000	27,000	18,000	14,400	9,600
8	116,160	58,080	38,880	30,240	19,315

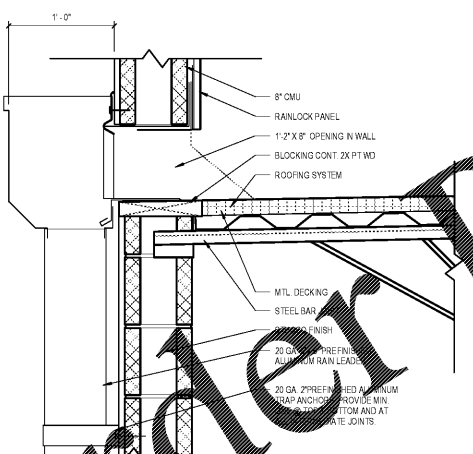
3 Roof Area Calculations
SCALE: 12"



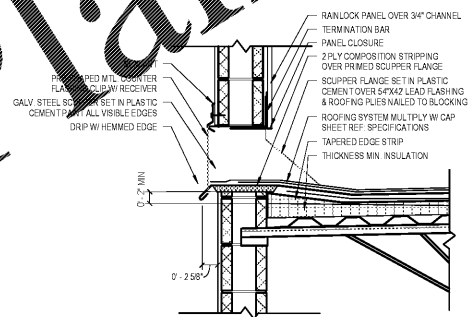
4 Parapet Detail
SCALE: 3/4" = 1'-0"



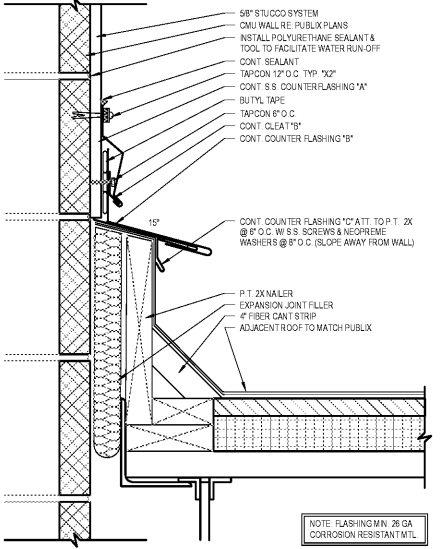
5 Parapet Detail
SCALE: 1 1/2" = 1'-0"



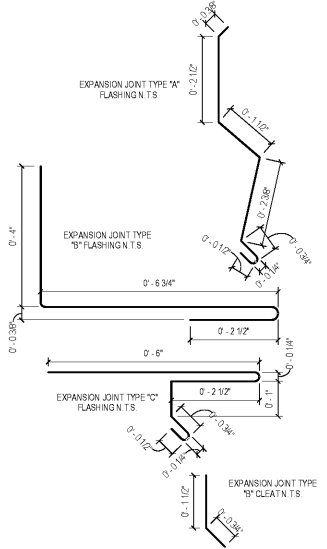
6 Scupper Detail
SCALE: 1/4" = 1'-0"



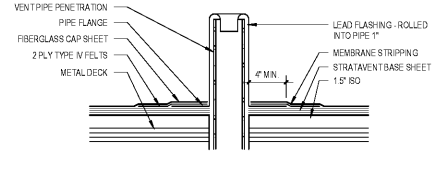
7 Overflow Scupper Detail
SCALE: 1" = 1'-0"



8 Expansion Joint Detail
SCALE: 3" = 1'-0"



9 Cleat Detail
SCALE: 6" = 1'-0"



10 Roof Vent Penetration Detail
SCALE: 1 1/2" = 1'-0"

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CLIENT NAME
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1801 South Keene Rd.
Clearwater, FL 33766

PROJECT NAME
Retail @ Tattersall Park
US Highway 280 & Highway 119
Hoover, AL



Revision Schedule		Date	
No.	Description		
A	100% Public Submission	06-07-18	
B	ISSUED TO BIDDING	7-26-18	

PROJECT NO. 210000	DATE 07-26-18	DRAWN FL	CHECKED CT
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