

ROOF GUTTER AND DOWNSPOUT SIZING															
BLDG INFO: 100 YEAR 1 HOUR RAINFALL RATE = 6" PER HOUR															
ROOF	A1		A2		A3		A4		A5		A6		A7		A8
ROOF AREA	536 sf		5,756 sf		536 sf		462 sf		1,479 sf		6,245 sf		6,245 sf		3,768 sf
DRAINAGE FROM TO ADJ. ROOF/FALL AREA	NO. AREA		NO. AREA		NO. AREA		NO. AREA		NO. AREA		NO. AREA		NO. AREA		NO. AREA
* SW - SIDEWALL	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A
TOTAL ROOF AREA (S.F.)	536 sf		5,756 sf		536 sf		462 sf		1,479 sf		6,245 sf		6,245 sf		3,768 sf
ROOF DRAIN - PRIMARY (RDL)	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A
ROOF DRAIN - SECONDARY (RDL)	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A
ROOF DRAIN - DOWNSPOUT (DS)	5x5		5x5		5x5		5x5		5x5		5x5		5x5		5x5
GUTTER (X" RISE) (DIAMETER)	7x7		7x7		7x7		7x7		7x7		7x7		7x7		7x7
SCUPPER (SIZE)	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A

GENERAL ROOF PLAN NOTES

- THE GENERAL CONTRACTOR SHALL FURNISH, INSTALL, AND FLASH ALL ROOF CURBS FOR MECHANICAL EQUIPMENT, PLUMBING VENTS, ETC. SEE PLUMBING DRAWINGS FOR LOCATIONS OF VENTS. SEE MECHANICAL DRAWINGS FOR SIZES AND LOCATIONS OF FANS, INTAKES, ETC.
- SEE PM&E DRAWINGS FOR ADDITIONAL PENETRATIONS NOT SHOWN ON ROOF PLANS.
- THE CONTRACTOR IS RESPONSIBLE TO BECOME FAMILIAR WITH WALL CONSTRUCTIONS REPRESENTED ON OTHER DRAWINGS AND TO CONSTRUCT IN ACCORDANCE WITH THE APPROPRIATE DETAIL.
- ARROWS INDICATE DIRECTION OF ROOF SLOPE AS SPECIFIED. PROVIDE MINIMUM 1/4" PER 1'-0" SLOPE. SEE STRUCTURAL DRAWINGS FOR SLOPING STRUCTURE.
- CUT FLAGS AND THE RELATED DETAILS DO NOT NECESSARILY REPRESENT ALL CONDITIONS FOR A PARTICULAR WALL OR EDGE.
- LOCATE ALL ROOFTOP EQUIPMENT A MINIMUM OF 10'-0" FROM THE BUILDING EDGE.
- ALL DOWNSPOUTS (D.S.) SHALL BE SIZED AS INDICATED ON PLANS.
- SEE 12/M501 FOR TYPICAL VENT THRU ROOF FLASHING DETAIL.

ROOF SYMBOL LEGEND

- VTR VENT THRU ROOF PROVIDE CRICKET AS REQUIRED
- ODL ROOF DRAIN/OVERFLOW DRAIN (SEE D.S. CALCULATIONS FOR DRAIN SIZING. SEE DTL. 5/A709 FOR DRAIN FLASHING DETAILS)
- RDL
- DS DOWNSPOUT
- TWS THRU-WALL SCUPPER, SEE DTL. 8/A709
- OFS OVERFLOW SCUPPER, SEE DTL. 7/A709
- MECH EXHAUST FAN PROVIDE CRICKET AS REQUIRED
- AREA TO RECEIVE WATERPROOFING UNDERLAYMENT (36" MIN.)
- AREA TO RECEIVE TAPERED INSULATION FOR COMPLETE ROOF DRAINAGE (FIELD MODIFIED AS REQUIRED)
- BUILDING EXPANSION JOINT

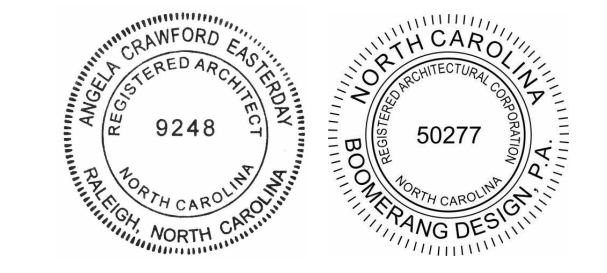


SHLEBY
207 S. Trade Street
Shelby, NC 28150
704/751-7000

CHARLOTTE
1230 W. Morehead St., Suite 214
Charlotte, NC 28208
704/751-7000

RALEIGH
6131 Falls of Neuse Rd., Suite 204
Raleigh, NC 27609
919/975-6400

LEWINGTON
1070 S. Lake Dr., Suite 1
Lewington, NC 28753
803/954-0507



COOPER ACADEMY A & R PROJECT TITLE

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NO.	DATE	DESCRIPTION
1	02/27/2024	ADDENDUM 2

BID SET
BID SET
2307
BOOMERANG DESIGN PROJECT NUMBER
02.07.2024
DRAWING RELEASE DATE

ROOF PLAN SHEET TITLE A107 SHEET