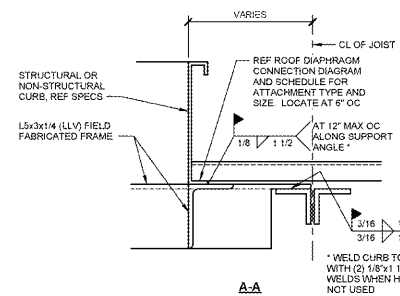
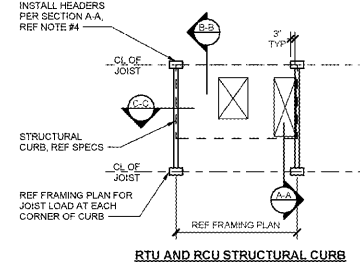


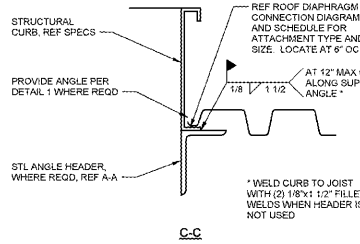
OPENING IN ROOF LARGER THAN 10'x10'



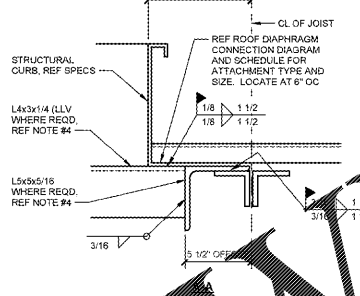
8 MISC ROOF OPENING FRAMING SUPPORT PLANS AND DETAILS  
3/4" = 1'-0"



RTU AND RCU STRUCTURAL CURB

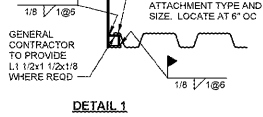


C-C

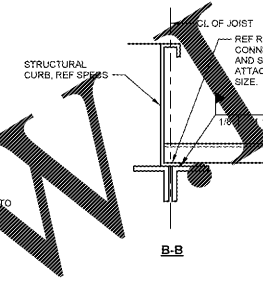


7 RTU FRAMING SUPPORT PLANS AND DETAILS  
3/4" = 1'-0"

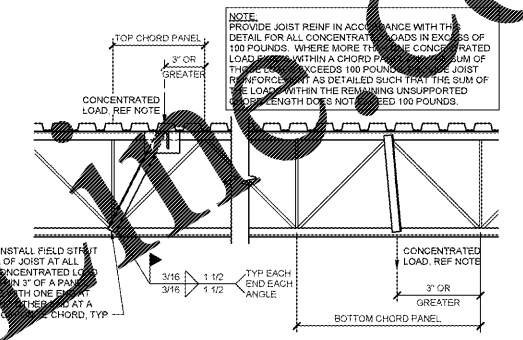
- NOTES:
1. INSTALL STRUCTURAL CURBS, AND HEADERS AND WELD TO SUPPORT STEEL BEFORE DECK IS PLACED.
  2. ADJUST LOCATION OF RTU/RCU CURB FALLS WITHIN 3 INCHES OF JOIST PANEL POINTS. IF CURB IS MORE THAN 3 INCHES FROM PANEL POINT ADD REINFORCING PER 6-FSS4.
  3. GENERAL CONTRACTOR SHALL COORDINATE RTU DIMENSIONS AND FRAMING LOCATIONS WITH THE STEEL FABRICATOR, MECHANICAL AND ERECTION SUBCONTRACTORS.
  4. HEADERS ARE REQUIRED FOR STRUCTURAL CURBS WHEN THE CURB DOES NOT SPAN BETWEEN TWO JOISTS OR THE CURB CANTILEVERS MORE THAN TWO FEET OVER THE JOIST.
  5. REF DETAIL 1 FOR CONNECTION OF DECK PARALLEL TO CURB, WHERE REQUIRED.
  6. DO NOT INSTALL STRUCTURAL CURBS ON TOP OF DECK.
  7. REF SPEC SECTION 07721 AND MECHANICAL ROOFTOP HVAC UNIT SCHEDULES FOR RTU ANCHORAGE.
  8. CURB WIDTHS SHOWN IN THE STRUCTURAL DRAWINGS ARE FOR ROOF FRAMING DESIGN PURPOSES ONLY AND SHALL NOT BE USED FOR STRUCTURAL CURB FABRICATION.
  9. REF ARCH FOR RTU PLACEMENT ON CURB.



DETAIL 1



B-B



6 JOIST REINFORCING  
3/4" = 1'-0"

**STEEL REINF LAP SCHEDULE**

Bar Size	F <sub>c</sub> = 3,000psi		F <sub>c</sub> = 4,000psi		F <sub>c</sub> = 5,000psi		CMU (IN) LAP SPICE
	TOP	OTHER	TOP	OTHER	TOP	OTHER	
3	17	16	16	16	16	16	16
4	23	18	21	16	20	16	16
5	28	22	20	20	22	19	17
6	34	26	24	23	26	21	20
7	40	30	28	27	30	24	23
8	46	34	32	30	34	27	26

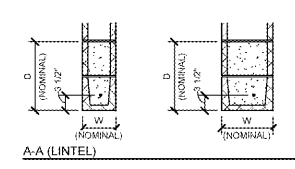
5 REINFORCING LAP SCHEDULE  
NTS

**CMU LINTEL SCHEDULE**

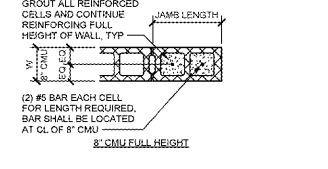
WIDTH (W)	CLEAR SPAN	DEPTH (D)	REINFORCING
8"	1'-0" TO 2'-0"	8"	(1) #5 BOT
12"	1'-0" TO 2'-0"	8"	(1) #5 BOT

**CMU JAMB SCHEDULE**

WIDTH (W)	OPENING WIDTH	JAMB LENGTH
8"	UP TO 2'-0"	8"
12"	UP TO 2'-0"	8"



A-A (LINTEL)

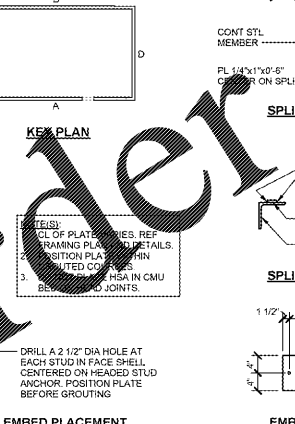


B-B (JAMB)

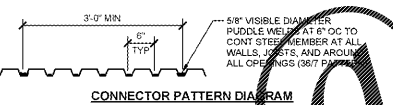
**WALL EMBED SCHEDULE**

MARK	EMBED TYPE	EMBED SPACING (IN)	CONTINUOUS STEEL MEMBER SIZE
A	1	48	L3X3X1/4
B	1	48	L3X3X1/4
C	1	48	L3X3X1/4
D	1	48	L3X3X1/4

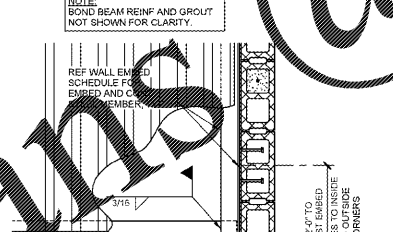
- NOTES:
1. REFER TO DETAILS FOR EMBEDS NOT SCHEDULED ABOVE.
  2. EMBED PLATE SHALL BE PLACED WITH LONG DIMENSION HORIZONTAL.
  3. CENTERLINE OF EMBED PLATES SHALL BE AT LEAST 1'-4" AWAY FROM MASONRY CONTROL JOINTS.
  4. CENTERLINE OF EMBED PLATES SHALL BE AT LEAST 1'-0" AWAY FROM CENTER OF JOIST POCKET.



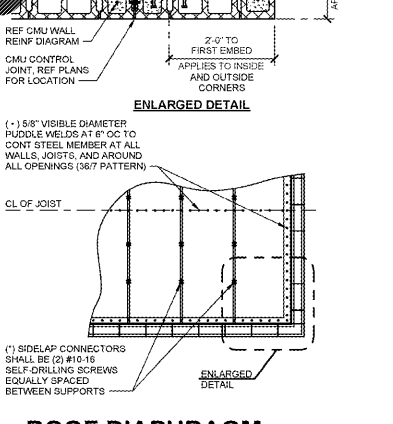
4 WALL EMBED SCHEDULE AND DETAILS  
3/4" = 1'-0"



CONNECTOR PATTERN DIAGRAM



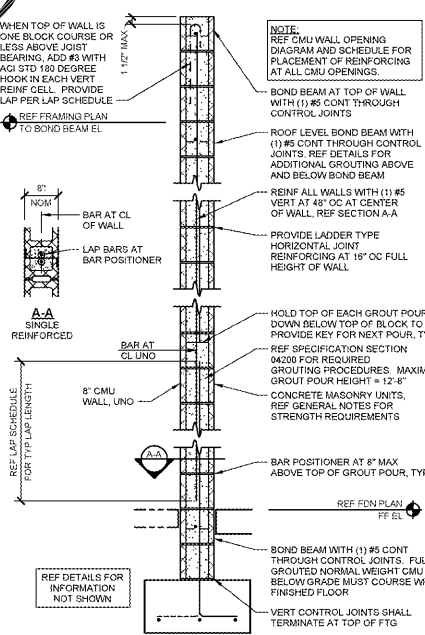
ENLARGED DETAIL



3 ROOF DIAPHRAGM CONNECTION DIAGRAM  
3/4" = 1'-0"



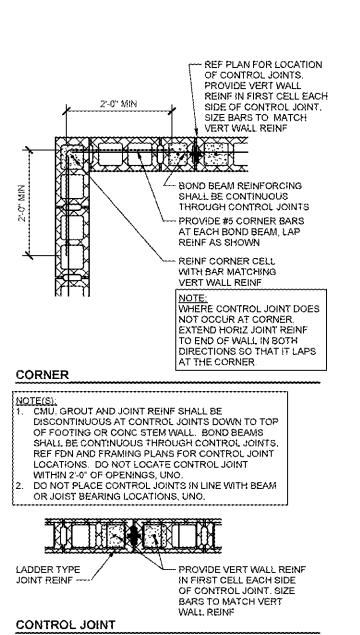
CMU WALL REINFORCING DIAGRAM



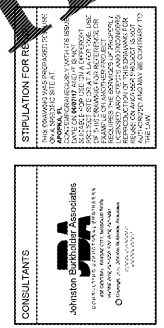
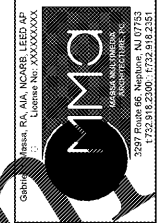
2 CMU WALL REINFORCING DIAGRAM  
3/4" = 1'-0"



CMU WALL OPENING DIAGRAM AND SCHEDULE



1 CMU WALL OPENING DIAGRAM AND SCHEDULE  
3/4" = 1'-0"



**ISSUE BLOCK**

NO.	DATE	DESCRIPTION

CHECKED BY: BCB  
DRAWN BY: MAV  
PROTO CYCLE: 021017  
DOCUMENT DATE: 04/07/17  
JSA PROJECT #: 9606894

BID SET NOT FOR CONSTRUCTION

GENERAL SCHEDULES AND DIAGRAMS

SHEET: FSS4