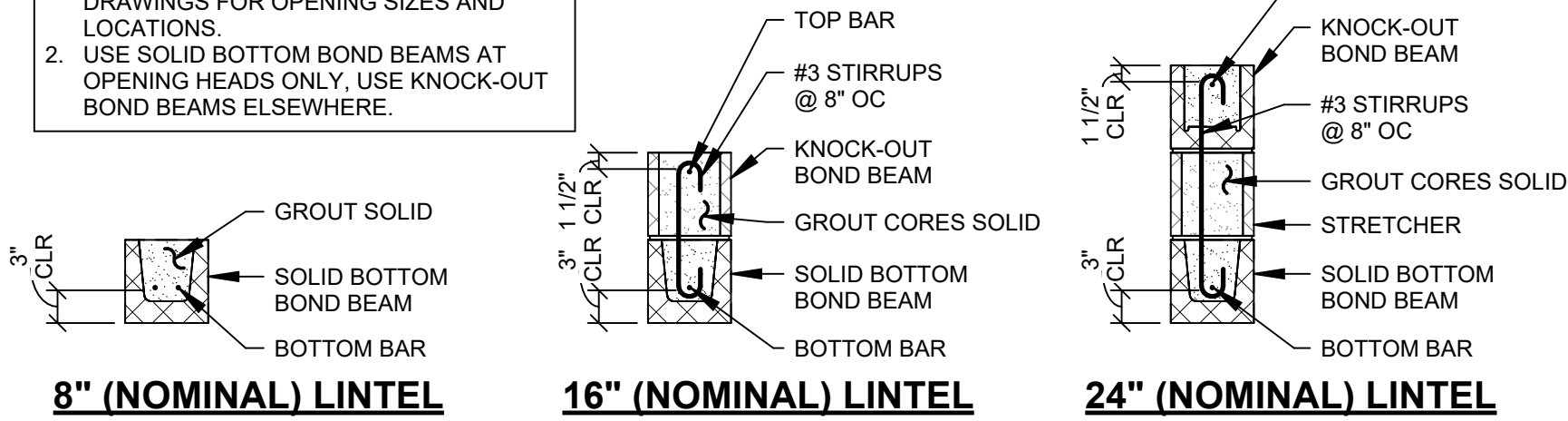
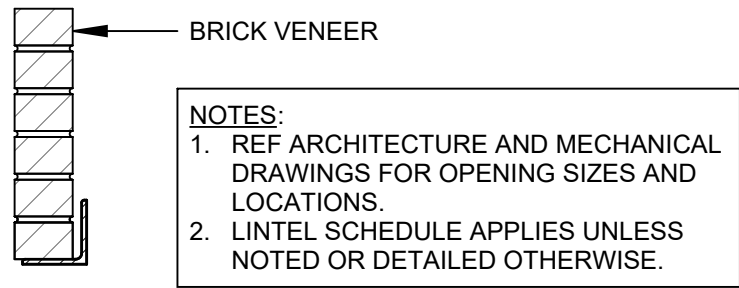


MASONRY LINTEL SCHEDULE					
MARK	BEARING LENGTH	NOMINAL DEPTH	TOP BARS	BOTTOM BARS	CLEAR SPAN (S)
L1	2'-0"	8"	NONE	2'-0"	0'-0" < S ≤ 3'-4"
L2	2'-0"	16"	NONE	2'-0"	3'-4" < S ≤ 6'-8"
L3	2'-0"	24"	(2)#5	2'-0"	6'-8" < S ≤ 10'-0"

NOTES:
1. SEE ARCHITECTURE AND MECHANICAL DRAWINGS FOR OPENING SIZES AND LOCATIONS.
2. USE SOLID BOTTOM BOND BEAMS AT OPENING HEADS ONLY, USE KNOCK-OUT BOND BEAMS ELSEWHERE.



MASONRY LOOSE LINTEL SCHEDULE	
CLEAR SPAN	MATERIAL
0'-0" < SPAN ≤ 3'-4"	L3-1/2x3-1/2x5/16
3'-4" < SPAN ≤ 6'-8"	L3-1/2x3-1/2x5/16
6'-8" < SPAN	NOT ALLOWED



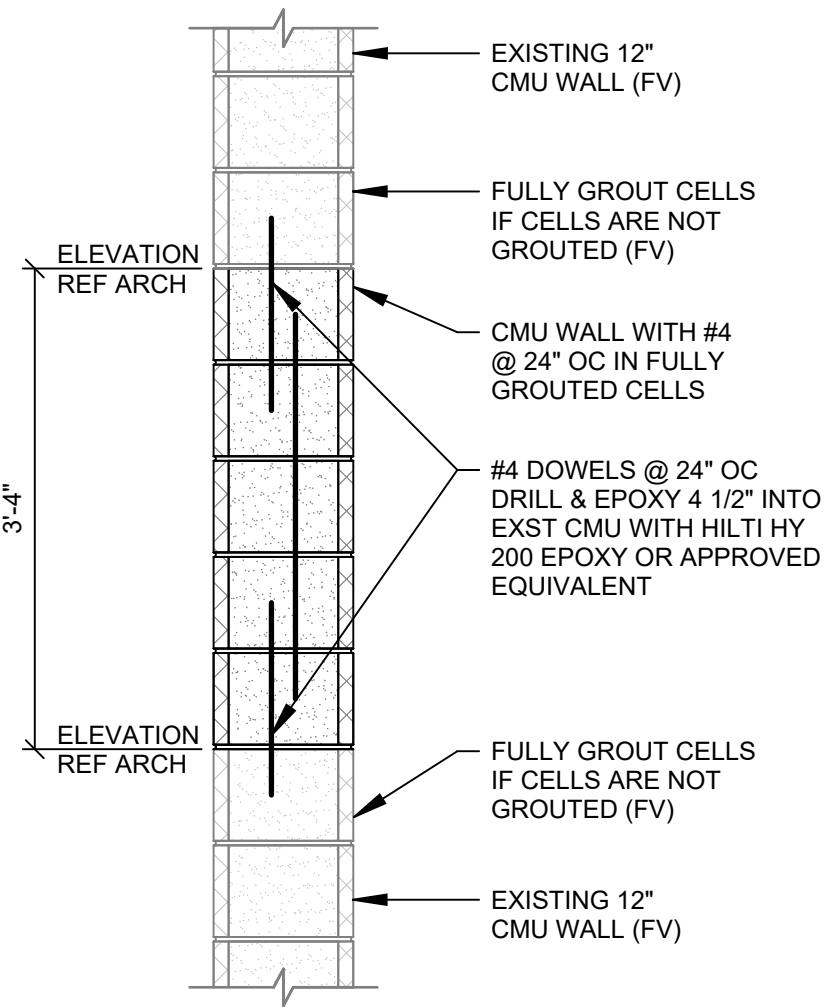
NOTES:
1. REF ARCHITECTURE AND MECHANICAL DRAWINGS FOR OPENING SIZES AND LOCATIONS.
2. LINTEL SCHEDULE APPLIES UNLESS NOTED OR DETAILED OTHERWISE.

1 MASONRY LINTELS DETAIL

NTS | TYPICAL DETAIL

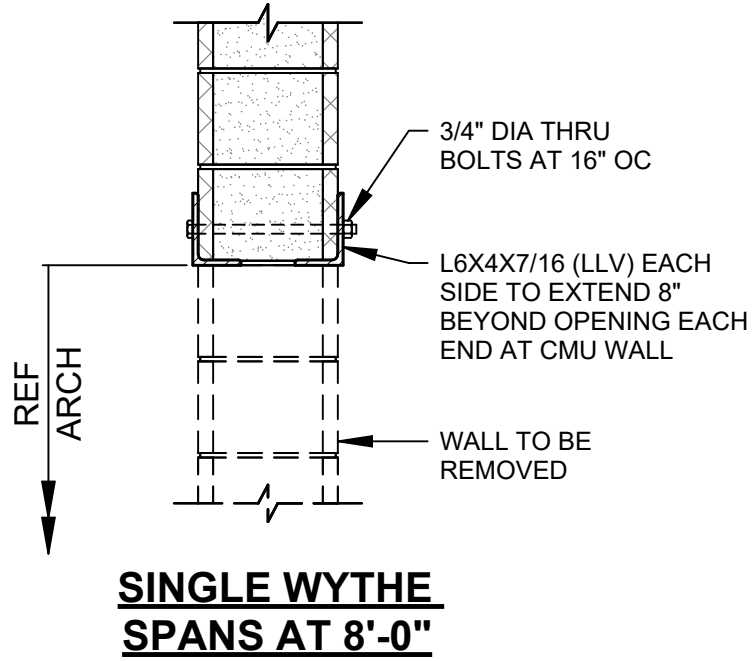
2 LOOSE LINTEL SCHED

NTS | TYPICAL DETAIL



3 INFILL AT EXISTING CMU WALL

NTS | TYPICAL DETAIL



LINTEL INSTALLATION PROCEDURE:
1. CUT A 5/8" GROOVE IN ONE FACE OF MASONRY WALL FOR ENTIRE LENGTH OF PROPOSED OPENING PLUS EIGHT INCHES AT EACH END.
2. INSTALL ANGLE WHICH IS 16" LONGER THAN PROPOSED OPENING WIDTH IN GROOVE AS SHOWN IN DETAIL.
3. DRILL HOLES THROUGH MASONRY USING ANGLE AS TEMPLATE.
4. CUT GROOVE IN OPPOSITE FACE OF MASONRY AND INSTALL ANGLE WITH BOLTS ALIGNED WITH FIRST ANGLE AND INSTALL BOLTS.
5. BREAK SIDE WALL OF BLOCK AT EACH END OF OPENING JUST BELOW ANGLE AND POUR GROUT INTO HOLE TO COMPLETE FILL CORE.
6. BREAK SIDE WALL OF BLOCK ABOVE EACH BOLTS AND POUR GROUT INTO HOLE COMPLETE FILL CORE WITH BOLT.
7. AFTER A MINIMUM OF 7 DAYS BLOCK IN OPENING BELOW ANGLES MAY BE REMOVED.
8. AT OPENING WHICH WILL HAVE A NEW MASONRY AT JAMBS, INSTALL MASONRY WITH CORE GROUTED AT JAMB PRIOR TO BEGINNING STEP #1.

4 DETAIL AT EXISTING EXTERIOR WALL

NTS | TYPICAL DETAIL

NON-STRUCTURAL CMU WALL VERTICAL REINFORCING SCHEDULE		
WALL TYPE	INTERIOR WALLS	
	MAX UNBRACED WALL HEIGHT	TYP WALL
6" CMU	12'	-
	20'	#4 AT 48" OC
8" CMU	15'	-
	25'	#5 AT 40" OC
	35'	#6 AT 40" OC
12" CMU	25'	-
	35'	#6 AT 40" OC

NOTES:
1. UNLESS NOTED OTHERWISE, REFER TO THE SCHEDULE ABOVE FOR VERTICAL WALL REINFORCING REQUIREMENTS AT ALL NON-STRUCTURAL CMU WALLS.
2. THE FIRST (3) CELLS AT CORNERS (IN EACH DIRECTION), ENDS OF WALLS AND EACH SIDE OF THE CONTROL JOINTS SHALL BE REINFORCED WITH THE SAME SIZE AND NUMBER OF REINFORCING BARS AS SPECIFIED FOR THE OTHER REINFORCED CELLS IN THE WALL AND GROUTED FULL.
3. HOLD VERTICAL REINFORCING IN POSITION AT TOP AND BOTTOM AND AT 8'-0" OC MAXIMUM.
4. REFER TO GENERAL NOTES, SPECIFICATIONS AND SECTIONS/DETAILS FOR INFORMATION NOT SHOWN.
5. VERTICAL BARS MAY BE SPLICED IN 8'-0" (+ OF -) LENGTHS. SPLICES LOCATED IN ADJACENT CELLS SHALL BE STAGGERED SUCH THAT NOT MORE THAN 50 PERCENT OF THE BARS ARE SPLICED AT THE SAME LOCATION.
6. PROVIDE VERTICAL CONTROL JOINTS AT 5'-0" TO 12'-6" OC FROM CORNERS AND AT 25'-0" MAX IN BETWEEN.

5 NON-STRUCTURAL CMU WALL VERTICAL REINFORCING SCHEDULE

NTS | TYPICAL DETAIL

DATE: SEPT. 2026	APP'D	APPROVED	DESCRIPTION	DATE	REV #	REV #	REV #	REV #	REV #
DESIGNED BY: JG									
DRAWN BY: KNS									
BUILDING NO.: 2600756									
PROJECT NO.:		CHIEF ENGINEER APPROVED							
SHEET REF.:		CIVIL ENGINEER							
S-401		NKAK 22-1076 B718 DORM LITTLE ROCK AFB		DETAILS (1)					
SHEET NO.:		STRUCTURAL CONCRETE MASONRY TYPICAL DETAILS							
1 OF XX		AIR MOBILITY COMMAND 19TH CIVIL ENGINEER SQUADRON LITTLE ROCK, ARKANSAS							
		STATUS: 65% PRELIMINARY DESIGN							