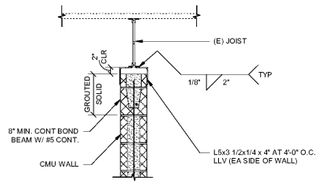
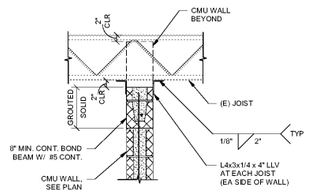
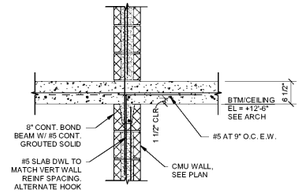


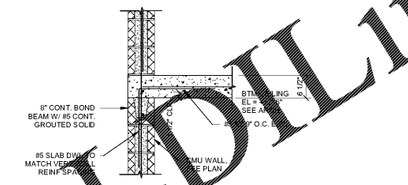
8 S401 TYPICAL CMU WALL BRACING AT INTERIOR CMU WALL AT ROOF DECK
3/4" = 1'-0"



4 S401 TYPICAL CMU WALL BRACING AT INTERIOR CMU WALL AT JOIST
3/4" = 1'-0"



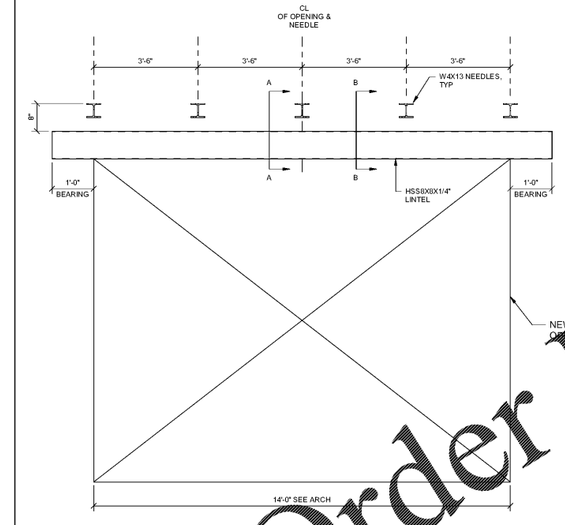
11 S401 SECTION AT INTERIOR WALL AT HOLDING CELL
3/4" = 1'-0"



7 S401 WALL SECTION AT HOLDING CELL CEILING
3/4" = 1'-0"

STANDARD LINTEL SCHEDULE		
WALL SIZE	LINTEL TYPE	REMARKS
OPENINGS UP TO 6'-0"		
8" BLOCK	6"x8" CONC W/ 2#4 T&B 8"x8" U-BLOCK W/ 1#5 T&B	
OPENINGS 6'-0" TO 8'-0"		
8" BLOCK	6"x8" CONC W/ 2#4 T&B	
	8"x16" U-BLOCK W/ 1#5 T&B	
OPENINGS 6'-0" TO 10'-0"		
8" BLOCK	8"x8" CONC W/ 2#4 T&B	#3 STIR @ 7" CONT

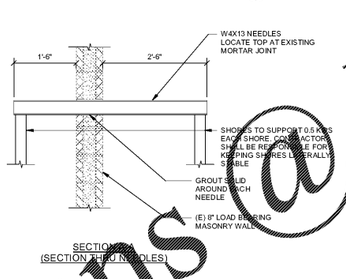
3 S401 STANDARD LINTEL SCHEDULE
12" = 1'-0"



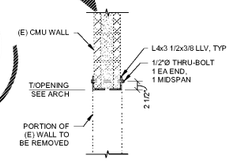
WALL ELEVATION AT NEW DOOR OPENING AT EXISTING LOAD BEARING MASONRY WALL
NOT TO SCALE

PROCEDURE FOR FRAMING NEW OPENINGS IN EXISTING LOAD BEARING WALLS:

1. CUT HOLES THROUGH THE EXISTING WALL ABOVE THE OPENING FOR THE W4X13 NEEDLES. TOP OF W4X13 SHALL BE LOCATED AT FIRST MASONRY COURSE ABOVE NEW LINTEL.
2. PLACE W4X13 NEEDLES. SHORE AT EACH END, AND GROUT SOLID BETWEEN BLOCK AND NEEDLES.
3. CUT THE REQUIRED OPENINGS.
4. PLACE THE NEW LINTELS AND BEAR ON NEW MASONRY WALL AT EACH END.
5. REMOVE THE NEEDLES AND PATCH THE WALL AROUND THE OPENING.
6. REBUILD MASONRY AROUND NEW LINTEL AND LOCATIONS WHERE NEEDLES HAVE BEEN REMOVED.



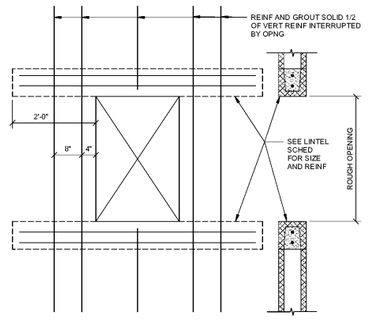
SECTION A
(SECTION THRU NEEDLES)



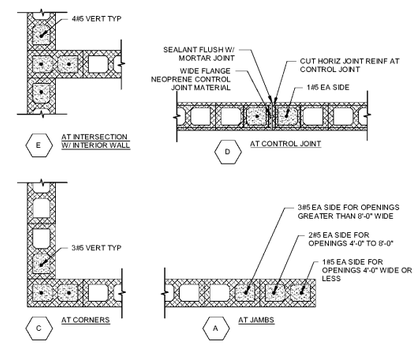
LINTEL INSTALLATION PROCEDURE:
1. CUT EXISTING MORTAR JOINT TO INSTAL LINTEL.
2. PLACE AND FASTEN LINTEL AS SHOWN.
3. REMOVE SECTION OF EXISTING WALL AT NEW OPENING BELOW LINTEL.

SECTION B-B
(AT LINTELS)

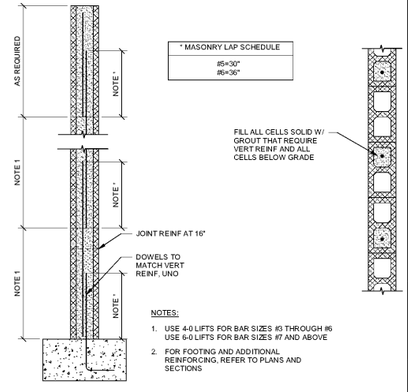
10 S401 LINTEL AT DOOR OPENING
3/4" = 1'-0"



6 S401 TYPICAL REINFORCING AT CMU WALL OPENING
3/4" = 1'-0"



5 S401 TYPICAL REINFORCING AT 8" LOAD BEARING CMU WALL
3/4" = 1'-0"



NOTES:
1. USE 4-0 LIFTS FOR BAR SIZES #3 THROUGH #6
   USE 6-0 LIFTS FOR BAR SIZES #7 AND ABOVE
2. FOR FOOTING AND ADDITIONAL REINFORCING, REFER TO PLANS AND SECTIONS

1 S401 TYPICAL REINFORCED CMU WALL
3/4" = 1'-0"

17 S401 WALL LINTEL AT NEW ROLL UP DOOR OPENING
3/4" = 1'-0"

ISSUED FOR CONSTRUCTION

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No.	DESCRIPTION	DATE

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MASONRY DETAILS

SECTIONS

PROJECT # 19160MONRpo
DATE: 09/04/19
DRAWN BY: DFM
CHECKED BY: HJ

S401

SCALE As indicated