BIM 360://22808.001_Marriott Sawgrass Cabana Club_2019/S_MARRIOTT_CABANA_CLUB_2019.rvt
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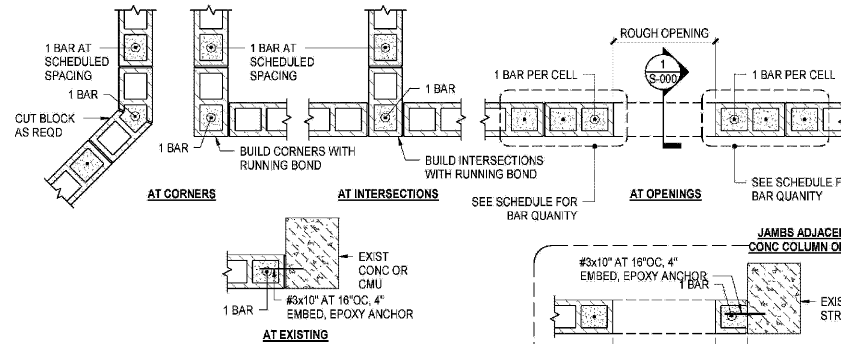
BAR WITH SPLICE	8" CMU - REINFORCING SPLICES[1] VERTICAL BARS[2] 1 VERT.	2 VERT.	HORIZONTAL BARS[3] 1 VERT. 1 HORIZ.	2 VERT. 1 HORIZ.	1 VERT. 2 HORIZ.	2 VERT. 2 HORIZ.
#4	15"	26"	18"	15"	26"[4]	45"[4]
#5	23"	40"	29"	23"	40"[4]	70"[4]
#6	43"	74"	57"	43"	74"[4]	131"[4]
#7	60"	107"	81"	60"	107"[4]	NOTE 5

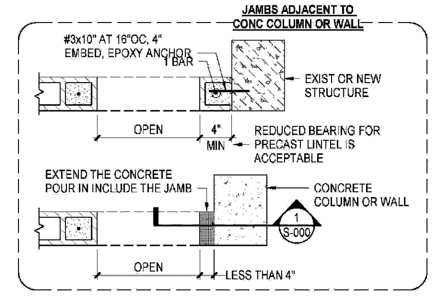
NOTE:
1. SEE TYPICAL REBAR LAYOUT DETAIL FOR BAR PLACEMENT. WHERE BARS OF DIFFERENT SIZES ARE TO BE SPLICED, THE SPLICE LENGTH SHALL BE THAT REQUIRED FOR THE LARGER BAR.
2. SPLICES OF VERTICAL REINFORCEMENT SHALL BE PLACED NEXT TO THE MAIN BAR AS INDICATED IN THE ILLUSTRATION.
3. SPLICES OF HORIZONTAL REINFORCEMENT SHALL BE PLACED VERTICALLY OVER THE MAIN BAR.
4. SPLICES OF HORIZONTAL REINFORCEMENT IN WALLS CONTAINING TWO BARS PER COURSE SHALL BE STAGGERED.
5. 8" CMU WALL IS NOT WIDE ENOUGH TO PERMIT THIS CONDITION.

1 8" CMU - REINFORCING SPLICES
NOT TO SCALE

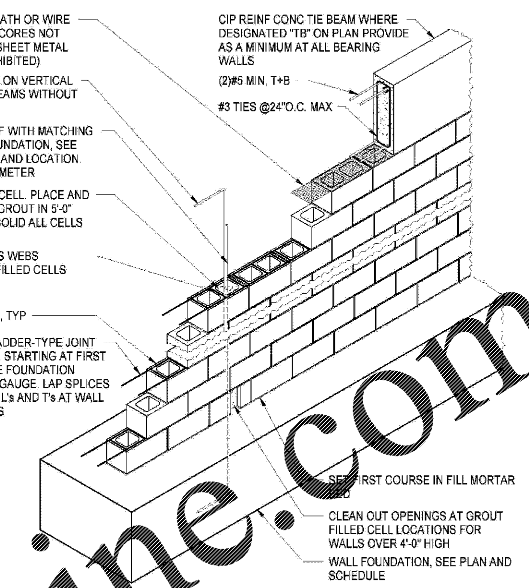


JAMB REINFORCING SCHEDULE	
ROUGH OPENING (UP TO AND INCLUDING)	QUANTITY OF BARS AT JAMB
6' - 0"	1 VERT
8' - 0"	2 VERTS
10' - 0"	3 VERTS
12' - 0"	4 VERTS
14' - 0"	5 VERTS

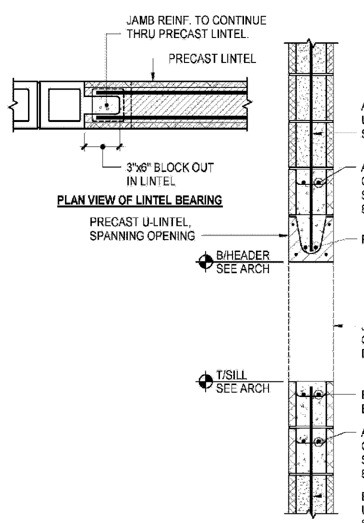
NOTE: FOR OPENINGS WIDER THAN 14'-0", CONTACT EOR.



2 TYPICAL VERT REINFORCING IN CMU WALL
NOT TO SCALE



3 TYPICAL MASONRY WALL CONSTRUCTION DETAIL FOR RUNNING BOND LAYOUT
NOT TO SCALE



4 TYPICAL HEADER AND SILL REINFORCING IN CMU WALLS
NOT TO SCALE

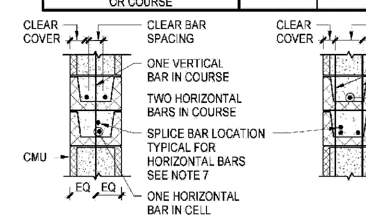
WALL THICKNESS 1	MAXIMUM WALL HEIGHT 'H'	MAX CLEAR MASONRY OPENING (SEE NOTE 4)	INTERIOR JAMB ZONE WIDTH W1 OR W2	INTERIOR PIER ZONE LENGTH (NOTE 2)	INTERIOR WALL REINF EACH CELL	EXTERIOR JAMB ZONE WIDTH W1 OR W2	EXTERIOR PIER ZONE LENGTH (NOTE 2)	EXTERIOR WALL REINF EACH CELL
8"	12'-0"	4'-0"	8"	16"	#6	16"	24"	# 5
		7'-0"	8"	16"	#6	24"	32"	# 6
		12'-0"	8"	16"	#6	32"	48"	# 6

NOTES:
1. SINGLE NUMBER FOR PIER REFERS TO PIER ZONE LENGTH. WHEN PIER WIDTH IS DENOTED AS ##/##, PROVIDE PIER AS FOLLOWS:

   EX. 16"/24"
   - MINIMUM TOTAL PIER WIDTH, PW, INCLUDING ANY NON-CONTINUOUS CELLS INTERRUPTED BY LINTELS
   - MINIMUM PIER ZONE WIDTH WITH CONTINUOUS VERTICAL BARS FULL HEIGHT OF WALL
2. PROVIDE FULLY GROUTED JAMB AND PIER WITH VERTICAL BARS(S) IN EACH CELL OVER FULL WIDTH AS SCHEDULED.
3. FOR PIER ZONE SCHEDULE USE MAXIMUM CLEAR MASONRY OPENING AT LEAST EQUAL TO AVERAGE WIDTH OF ADJACENT OPENINGS
4. SEE TYPICAL CMU WALL PLAN DETAIL AT ADJACENT WALL OPENINGS FOR ADDITIONAL INFORMATION
5. NOTIFY ENGINEER OF RECORD IF JAMB AND/OR PIER WIDTH NOTED CANNOT BE SATISFIED
6. AT PIERS WIDER THAN REQUIRED PER SCHEDULE, IT IS ACCEPTABLE TO REINFORCE EDGES AS JAMB ZONES
7. FOR LOCATION AND THICKNESS OF MASONRY WALLS SEE ARCHITECTURAL DRAWINGS
8. 'H' INDICATES HEIGHT OF WALL BETWEEN LATERAL SUPPORT POINTS
9. DESIGN OF MASONRY WALL IS BASED ON PARTIALLY GROUTED WALLS WITH REINFORCEMENT AS SCHEDULED
10. VERTICAL REINFORCEMENT SHALL BE SECURED WITH WIRE POSITIONERS ETC., AT INTERVALS NOT TO EXCEED 48," AND BE LOCATED AT THE CENTER OF THE WALL UON
11. SEE ELEVATIONS AND DETAILS FOR ADDITIONAL REINFORCEMENT AT OPENINGS AND JOINTS

5 TYPICAL CMU WALL JAMB AND PIER ZONE SCHEDULE
SCALE: NOT TO SCALE

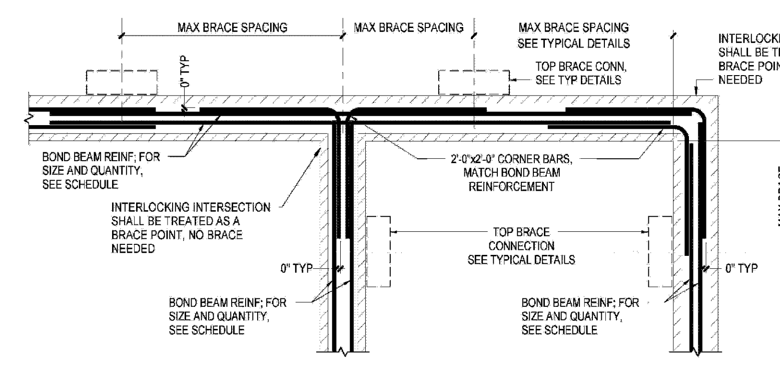
CMU LAP SPLICE AND TENSION EMBEDMENT LENGTH (f'm = 2000 psi & fy = 60 ksi) SCHEDULED REINFORCEMENT CONDITION	BAR SIZE #4	#5	#6
ONE BAR IN CELL OR COURSE (NOTE 1)	24"	26"	40"
TWO BARS IN CELL OR COURSE	36"	45"	54"



REINFORCEMENT CONDITIONS

NOTES:
1. FOR 6" AND 8" WALLS WITH ONE HORIZONTAL BAR IN COURSE, USE SPLICE LENGTHS FOR TWO BARS IN CELL OR COURSE
2. WHERE EPOXY-COATED REINFORCEMENT IS USED, INCREASE LAP SPLICE LENGTH BY 50%
3. SPLICES OF HORIZONTAL REINFORCEMENT IN WALLS CONTAINING TWO BARS PER COURSE SHALL BE STAGGERED
4. TYPE 1 OR TYPE 2 MECHANICAL SPLICES MAY BE SUBSTITUTED UON, PROVIDED THEY DEVELOP 125% OF THE YIELD STRENGTH OF THE BAR AND ARE APPROVED BY THE EOR
5. WHERE BARS OF DIFFERENT SIZES ARE TO BE SPLICED, THE SPLICE LENGTH SHALL BE THAT REQUIRED FOR THE LARGEST
6. SEE TYPICAL REINFORCEMENT LAYOUT DETAIL FOR MINIMUM CLEAR COVER TO INSIDE OF FACESHELL
7. SPLICES OF HORIZONTAL REINFORCEMENT SHOULD BE PLACED VERTICALLY OVER MAIN BAR

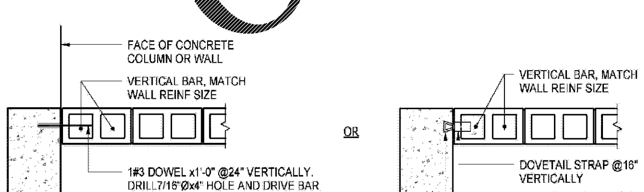
6 CMU LAP SPLICE AND TENSION EMBEDMENT LENGTH SCHEDULE
NOT TO SCALE



8 TYPICAL REINFORCING AT BOND BEAM INTERSECTIONS INTERLOCKING CMU BOND
NOT TO SCALE

WALL SCHEDULE MARK	TYPE	THICKNESS	REINFORCEMENT VERTICAL BARS	HORIZONTAL BARS	REMARKS
MW6-48	CMU	8"	#6 AT 48"	TYP. JT. REINF. AT 16"	
MW6-32	CMU	8"	#6 AT 32"	TYP. JT. REINF. AT 16"	
MW6-24	CMU	8"	#6 AT 24"	TYP. JT. REINF. AT 16"	
CW1	CIP	8"	#6 AT 12"	#5 AT 12"	ONE MAT OF REBAR ONLY

7 WALL SCHEDULE
SCALE: NOT TO SCALE



9 MASONRY WALL DETAIL
SCALE: 3/4" = 1'-0"

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HKS ARCHITECTS, INC.
#AA F000119
201 ALHAMBRA CIRCLE, SUITE 800
CORAL GABLES, FL 33134

CIVIL ENGINEER
KIMLEY-HORN
12740 GRAN BAY PARKWAY WEST
SUITE 2350
JACKSONVILLE, FL 32258

STRUCTURAL CONSULTANT
THORNTON TOMASETTI, INC.
101 NE THIRD AVENUE, SUITE 1170
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OWNER
WATERMARK CAPITAL PARTNERS, LLC
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CHICAGO, IL 60606

OWNER'S CONSULTANT
THE JOHN HARDY GROUP INC.
6085 BARFIELD RD. SUITE 200
ATLANTA, GA 30328

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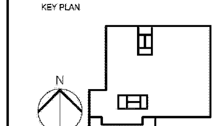

REVISION

NO.	DESCRIPTION	DATE

HKS PROJECT NUMBER
22808.001
DATE
05/22/2020
ISSUE
PERMIT SET
SHEET TITLE
TYPICAL MASONRY DETAILS

S6.01