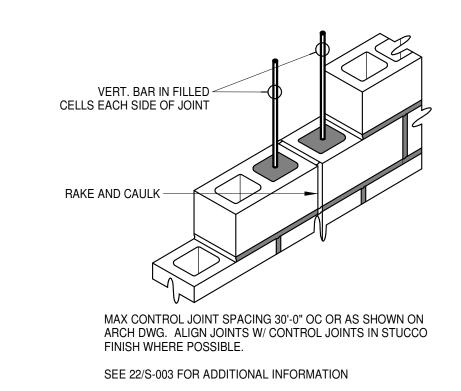
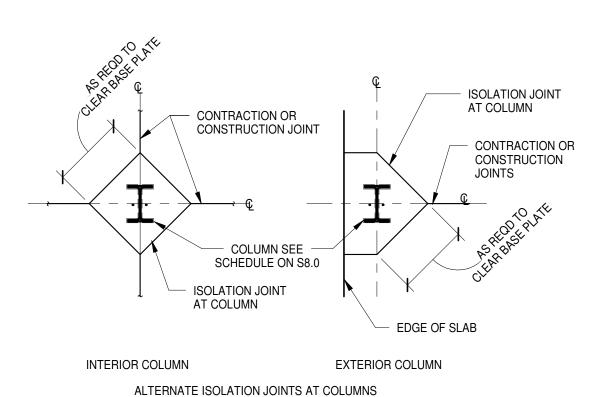
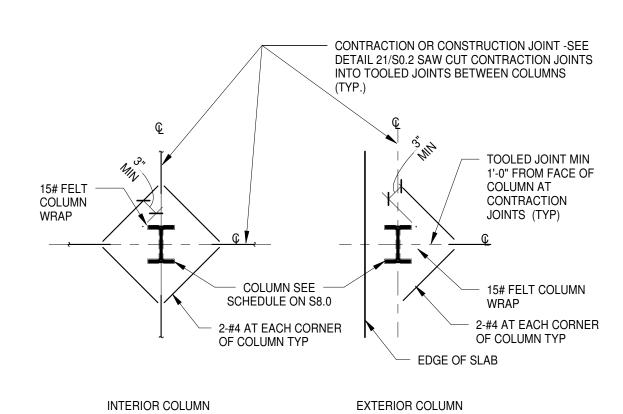


### 4 VERTICAL REBAR DETAIL IN CMU WALL S0.2 3/4" = 1'-0"



8 MASONRY CONTROL JOINT



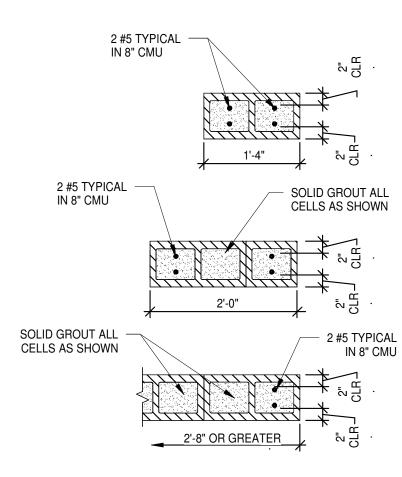


(AT CONTRACTORS OPTION)

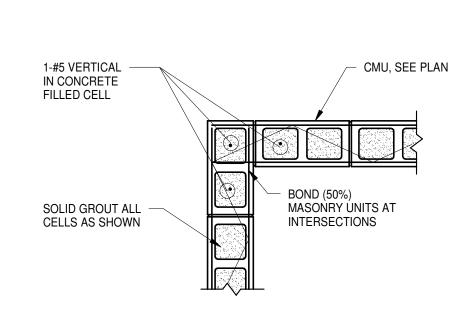
TYPICAL ISOLATION JOINT DETAILS AT STEEL 16 COLUMNS

S0.2 3/4" = 1'-0"

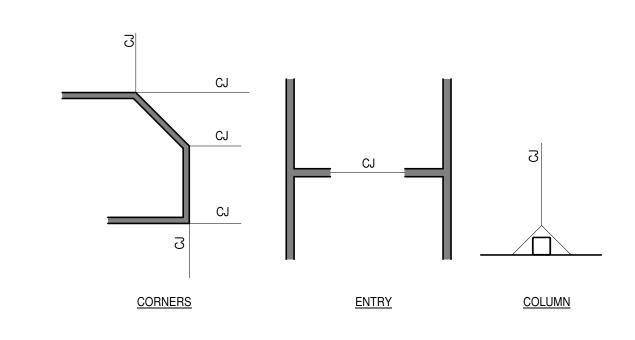
FELT WRAPPED COLUMNS



#### REINFORCING MASONRY WALL JAMBS S0.2 3/4" = 1'-0"

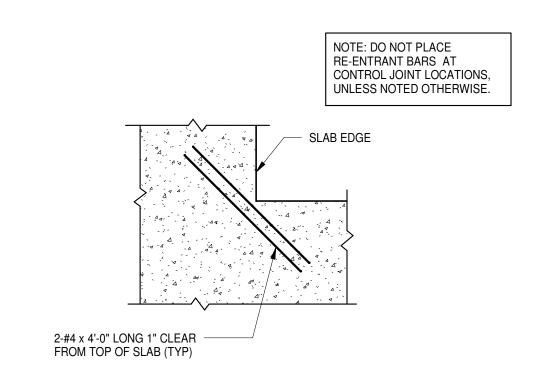


TYPICAL REINFORCING AT CMU WALL CORNER S0.2 3/4" = 1'-0"

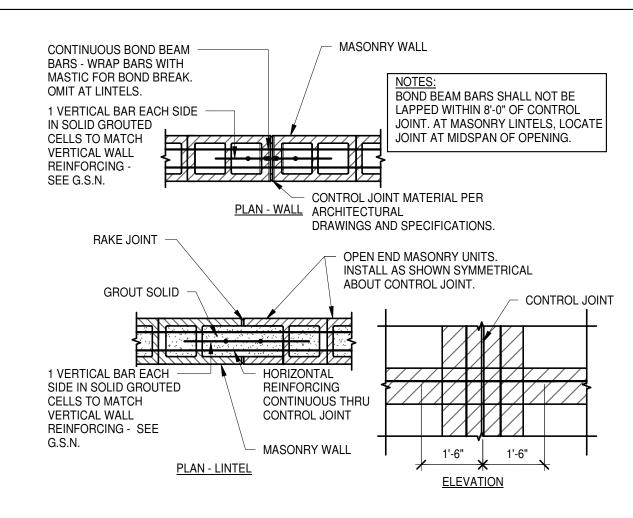


IT IS IMPERATIVE THAT THE CONTRACTOR OBTAIN ACI-302  $\,$ AND UNDERSTAND SLAB CONST AND PROPER JOINTING AS DESCRIBED THERE IN SEE NOTE #3 FOR MAXIMUM SPACING. (TYP)

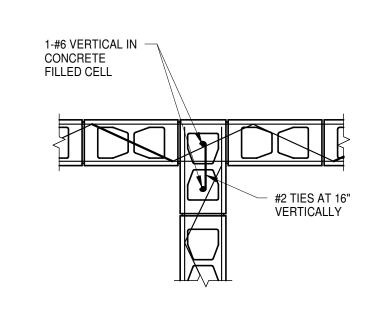
## 11 TYPICAL CONTROL JOINTS



EXTRA REINFORCING AT RE-ENTRANT 15 CORNERS OF SLABS ON GRADE S0.2 3/4" = 1'-0"



CONTROL JOINT IN MASONRY AND LINTEL S0.2 3/4" = 1'-0"

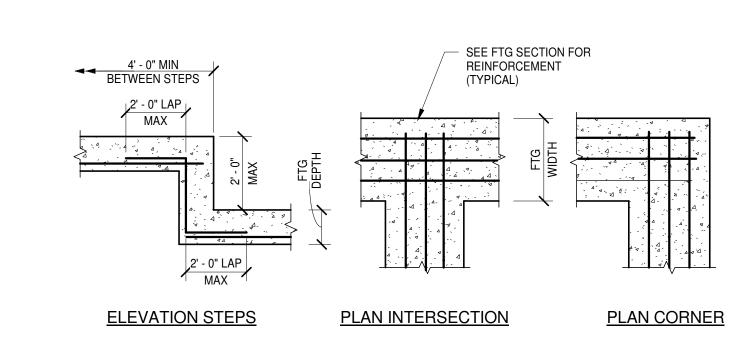


# 6 TYPICAL REINF AT WALL INTERSECTION

	CLASS B TENSION SPLICE LENGTHS									COMP. BARS					
CONC PSI	f'c=2500/3000 PSI			f'c=4000 PSI				f'c=5000 PSI				f'c=ALL			
BAR LOCATION	REGULAR		TOP		REGULAR		TOP		REGULAR		TOP		STD	ENCLOSED	
SIZE SPACING	>3db	<u>&gt;</u> 6db	>3db	<u>&gt;</u> 6db	>3db	<u>&gt;</u> 6db	>3db	_>6db	>3db	_>6db	>3db	<u>&gt;</u> 6db	LAP	W/SPIRAL TIES	
#3	16"	14"	21"	21"	16"	16"	16"	16"	16"	16"	16"	18"	12"	12"	
#4	22"	22"	28"	28"	19"	19"	24"	24"	17"	17"	22"	22"	15"	12"	
#5	27"	27"	35"	35"	23"	23"	30"	30"	21"	21"	27"	27"	18"	14"	
#6	35"	32"	48"	42"	31"	28"	40"	36"	27"	25"	38"	33"	23"	17"	
#7	48"	38"	63"	49"	42"	33"	54"	42"	37"	29"	48"	38"	26"	28"	
#8	63"	43"	82"	58"	55"	37"	71"	46"	49"	33"	64"	43"	30"	23"	
#9	80"	48"	104"	63"	69"	42"	90"	55"	52"	38"	81"	48"	34"	25"	
#10	102"	58"	132"	76"	88"	60"	114"	65"	79"	45"	102"	59"	38"	28"	
#11	125"	71"	162"	93"	108"	82"	140"	80"	97"	65"	128"	72"	42"	32"	
#11  NOTES:  1. TOP BARS AR  CONCRETE IS 2. UNLESS NOTE	RE AN	Y HOF	RIZON THE M	TAL B	ARS F	PLACE .OW T	ED SO THE RE	THAT	MORI	E THA	N 12"	OF FF	RESH	32"	

#### 10 TENSION LAP SCHEDULE S0.2 3/4" = 1'-0"

IS LESS THAN OR EQUAL TO 3 BAR DIAMETERS (<3db).

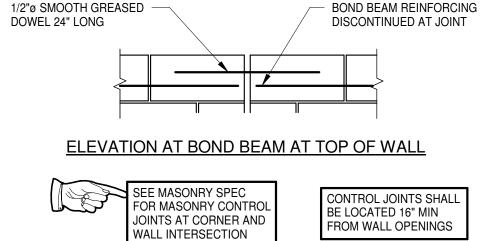


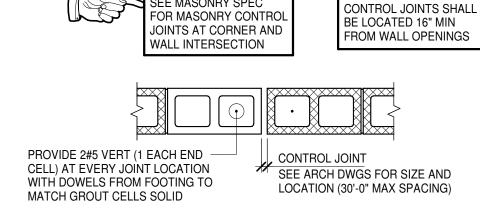
14 TYPICAL FOOTING / GRADE BEAM SECTION S0.2 3/4" = 1'-0"

	REBAR SIZE (METRIC)	REBAR GRADE	MASONRY LAP SPLICE LENGTH								
			STEEL	AT CENTER C	F WALL	STEEL AT FACE OF W (& BOND BEAMS)					
			6" BLK	8" BLK	12" BLK	8" BLK	12" B				
	#4 (13)	60	26"	26"	26"	32"	32"				
	#5 (16)	60	40"	32"	32"	50"	50"				
	#6 (19)	60	N/A	58"	58"	100"	100"				
	#7 (22)	60	N/A	80"	80"	N/A	135"				
	#8 (25)	60	N/A	N/A	115"	N/A	189"				
	OB	CENTER OF	EQ. FEQ.	8" OR 12"	AT FACE OF	Z" Z" CLR CLR					

STEEL AT CENTER OF WALL STEEL AT FACE OF WALL NOTES: 1. LAPS APPLY TO BOTH VERTICAL AND HORIZONTAL REINFORCING. . PROVIDE BENT BARS TO MATCH HORIZONTAL BOND BEAM REINFORCING A CORNERS AND WALL INTERSECTION TO MAINTAIN BOND BEAM CONTINUITY 3. DO NOT SPLICE HORIZONTAL BARS WITHIN 8'-0" OF CONTROL JOINTS. 4. FOR LADDER TYPE HORIZONTAL REINFORCING SEE G.S.N.

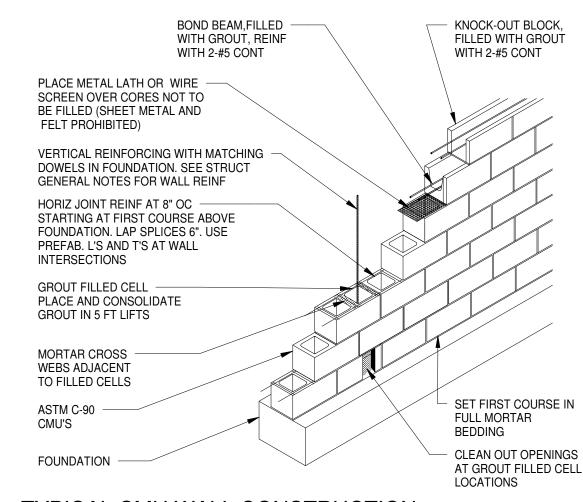
#### MASONRY LAP AND REINFORCING SCHEDULE S0.2 3/4" = 1'-0"



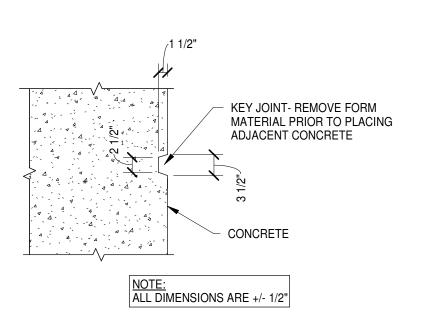


<u>PLAN AT JOINT</u>

#### CONTROL JOINT DETAIL IN CMU WALL S0.2 3/4" = 1'-0"

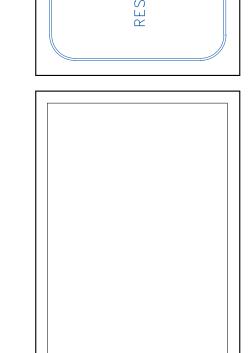


## 9 TYPICAL CMU WALL CONSTRUCTION



13 TYPICAL KEY IN CONCRETE



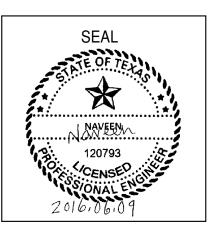


TEMPL KRISHNA **OHA** Own RAI

JOB NUMBER 16DLS003 ISSUE DATE 04-22-2016 DRAWN BY **DESIGNED BY** 

REVISIONS

SECTIONS



SHEET NUMBER

ANEOUS

MISCELL

S0.2