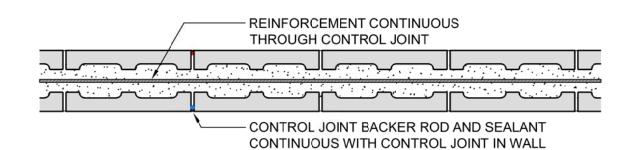


CONTROL JOINT THROUGH BOND BEAMS

HORIZONTAL REINFORCEMENT TO BE DISCONTINUOUS THROUGH VERTICAL CONTROL JOINTS EXCEPT @ BOND BEAMS. REINFORCEMENT TO BE CONTINUOUS THROUGH VERTICAL EXPANSION JOINT.



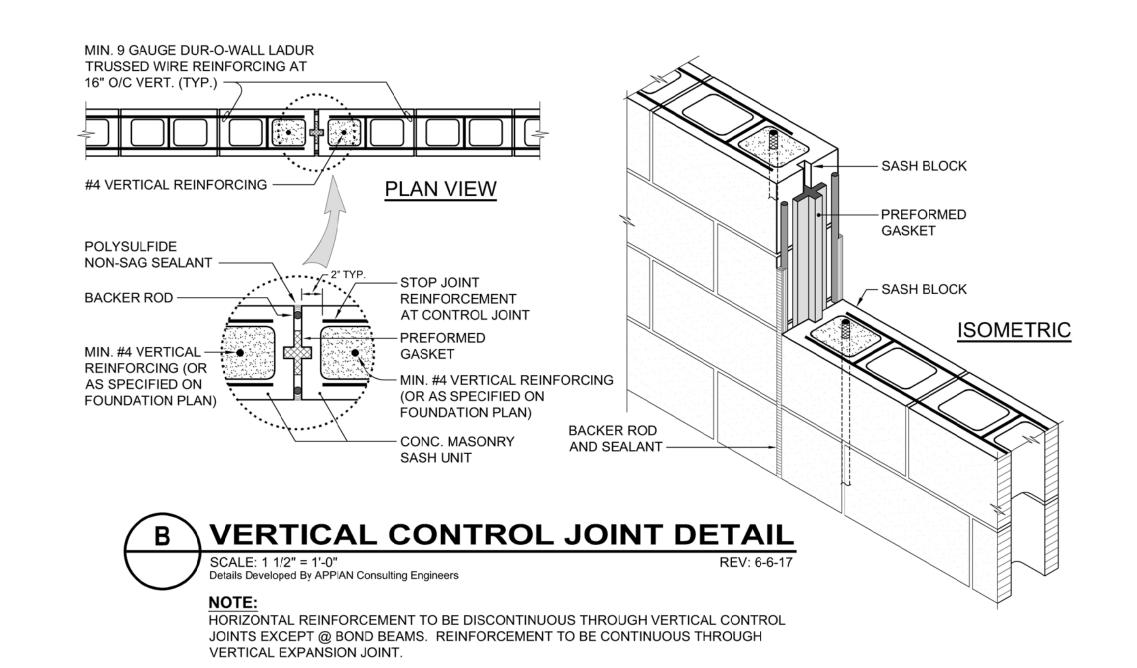
CONTINUOUS HORIZONTAL REINFORCEMENT

LAP ONE BAR ACROSS CONTROL JOINT, WITH LAPPED END IN A PLASTIC SLEEVE OR OTHERWISE DEBONDED CONTROL JOINT BACKER ROD AND SEALANT CONTINUOUS WITH CONTROL JOINT IN WALL-TERMINATE ONE BAR SHORT OF CONTROL JOINT -

LAPPED HORIZONTAL REINFORCMENT

48" LONG SMOOTH DOWEL, ONE END DEBONDED - DIA TO MATCH FULLY MORTARED CROSS WEBS-

BACKER ROD AND SEALANT DISCONTINUOUS HORIZONTAL REINFORCEMENT WITH DOWEL

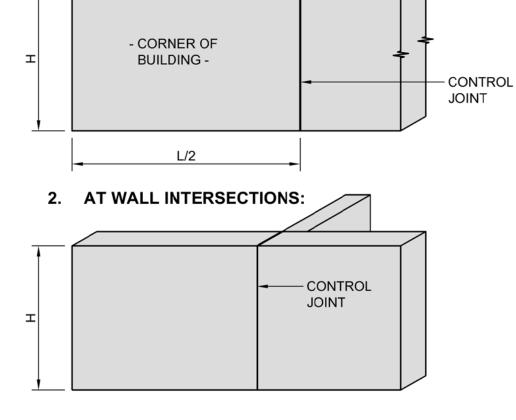


EXAMPLE:

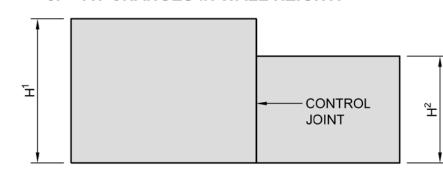
WALL HEIGHT = 7.33' ALLOWABLE JOINT SPACING = $1.5 \times 7.33 = 11'$ (24' MAX)

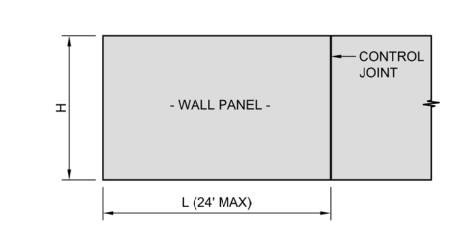
TYPICAL VERTICAL CONTROL **JOINT LOCATIONS**

1. ONE-HALF L FROM BUILDING CORNERS:



3. AT CHANGES IN WALL HEIGHT:





SPACING OF CONTROL JOINTS:

	JOINT REINF'G @ 16" O/C HORIZONTALLY	REINFORCED CMU ^A
PANEL LENGTH TO HEIGHT, L/H	1.5	3
WALL PANEL LENGTH NOT TO EXCEED	24'	40'

ATYPICALLY WALLS W/ BOTH HORIZONTAL AND VERTICAL REBAR IN CONCRETE

4. OTHER JOINT LOCATIONS FOR VERTICAL CONTROL JOINTS:

- AT CHASES FOR PIPES, FIXTURES, ETC.
- 2. AT ONE OR BOTH SIDES OF WALL OPENINGS (TYPICALLY ON ONE SIDE FOR OPENINGS <6' WIDE AND ON BOTH SIDES FOR OPENINGS >6' WIDE.)
- 3. AT ABUTMENT OF WALLS, COLUMN, OR PILASTERS 4. AT CONSTRUCTION JOINTS (JOINTS IN FOUNDATIONS, ROOFS OR
- 5. AT RETURN ANGLES IN "L", "T", OR U" SHAPED STRUCTURES
- 6. AT ABRUPT CHANGES IN WALL THICKNESS.
- AT BOND BEAM BREAKS.

22						
	HOR. SCALE	HOR. SCALE: AS NOTED DATE:	DATE: NOVEMBER, 2022 DESIGN: Bobby Joyner	DESIGN: Bo	bbby J	oyner
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154 Roundabout Ct. Rocky Mount, N.C. 27804 Phone: (252) 972-7703 Fax: (252) 972-7638

www.appianengineers.com admin@appianengineers.com

Final Drawings



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S-49 CONTROL JOINT DETAILS (UNREINFORCED MASONRY)

22-089 D-0000 **D-8**

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