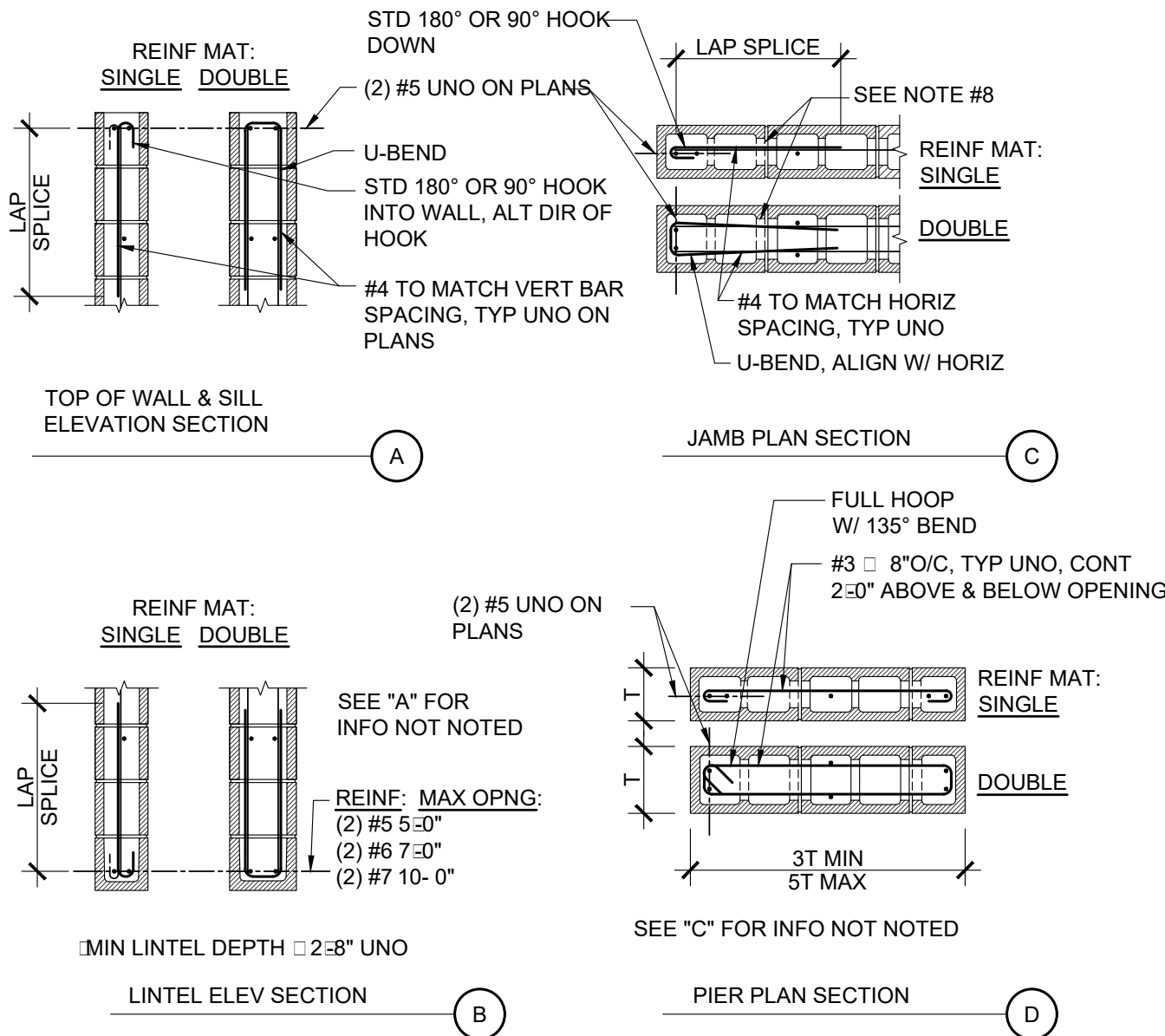
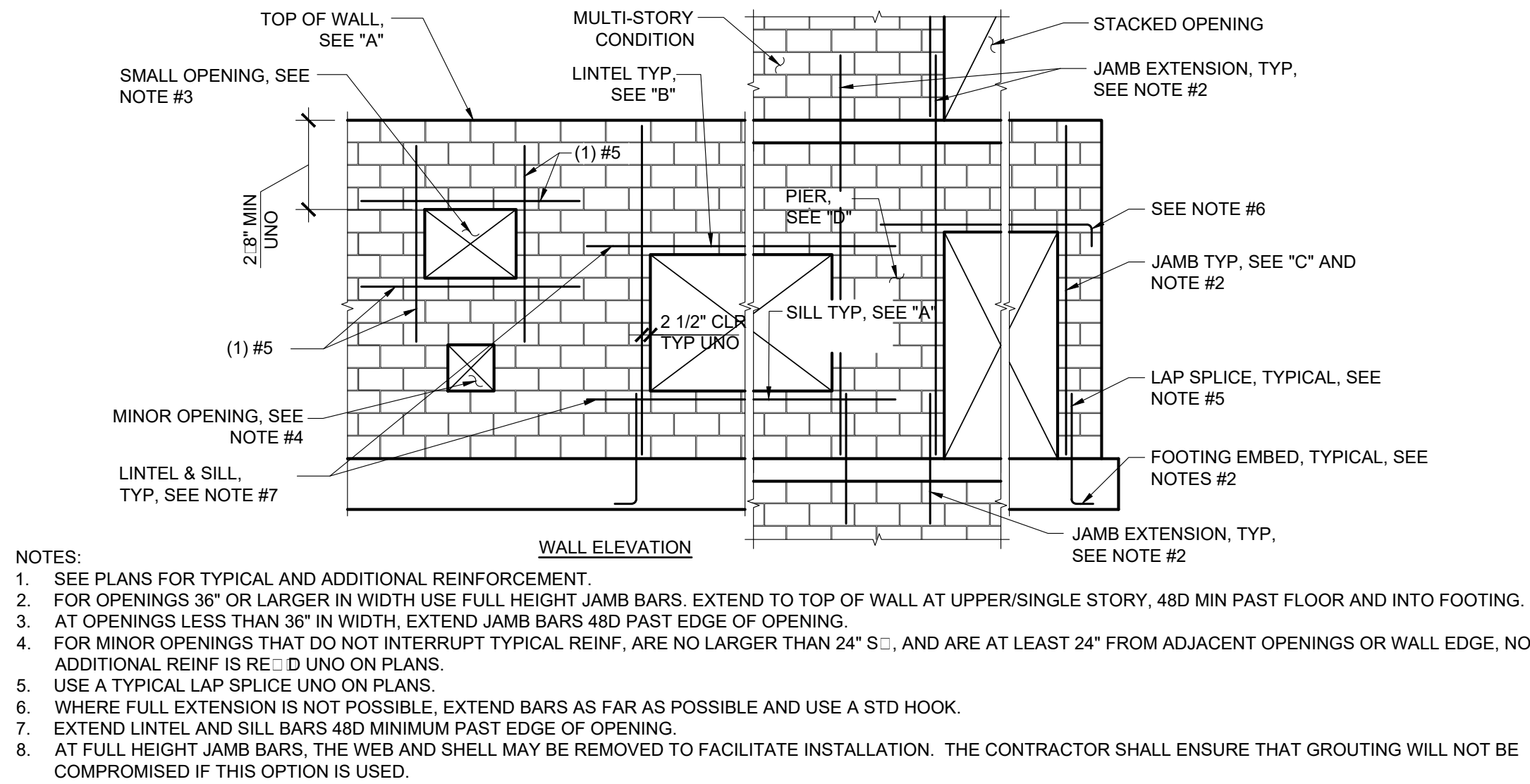


TTLB TEMPLATE REVISION DATE: 02/2013
SHEET ISSUE DATE: 04/08/14
FILE PATH: C:\Users\Y\Documents\entS-GRANADA HILL-V17_X\in.rvt

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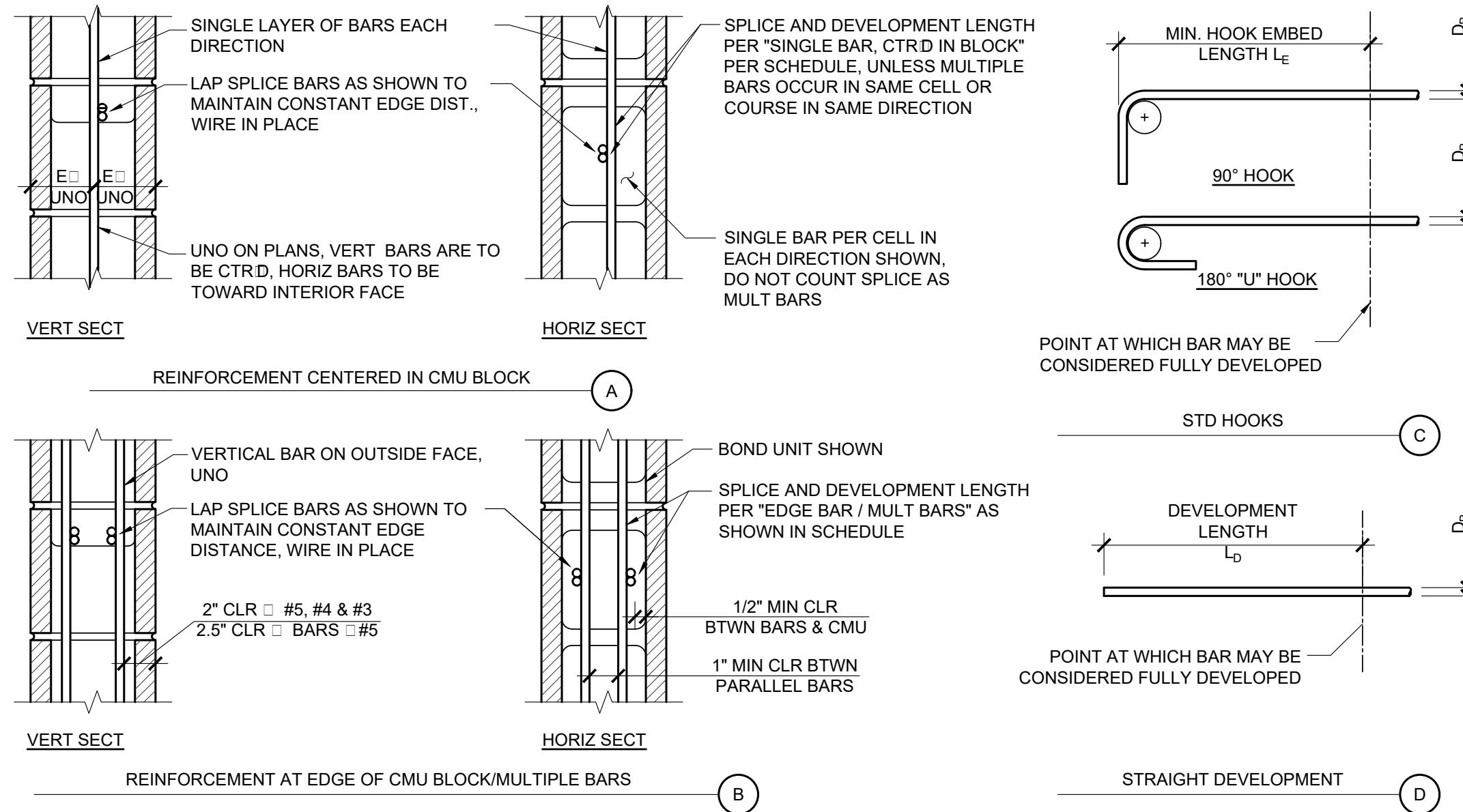
REVISION DATES
(DESIGN STAGE ONLY)

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1 TYPICAL MINIMUM REINFORCEMENT FOR MASONRY OPENINGS

SCALE: N.T.S.

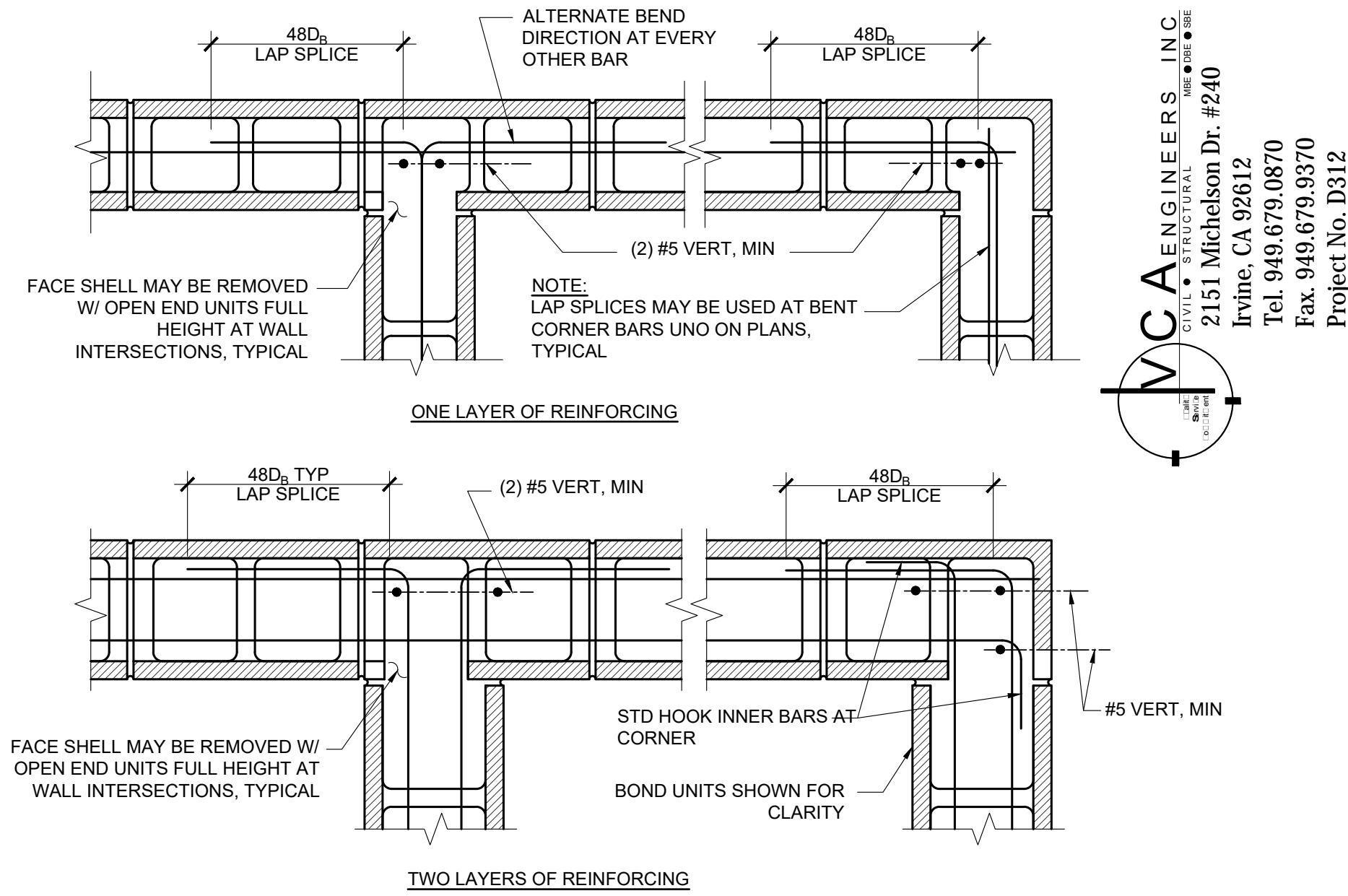


4 TYPICAL CMU REINFORCEMENT DETAILS & DEVELOPMENT LENGTHS

SCALE: N.T.S.

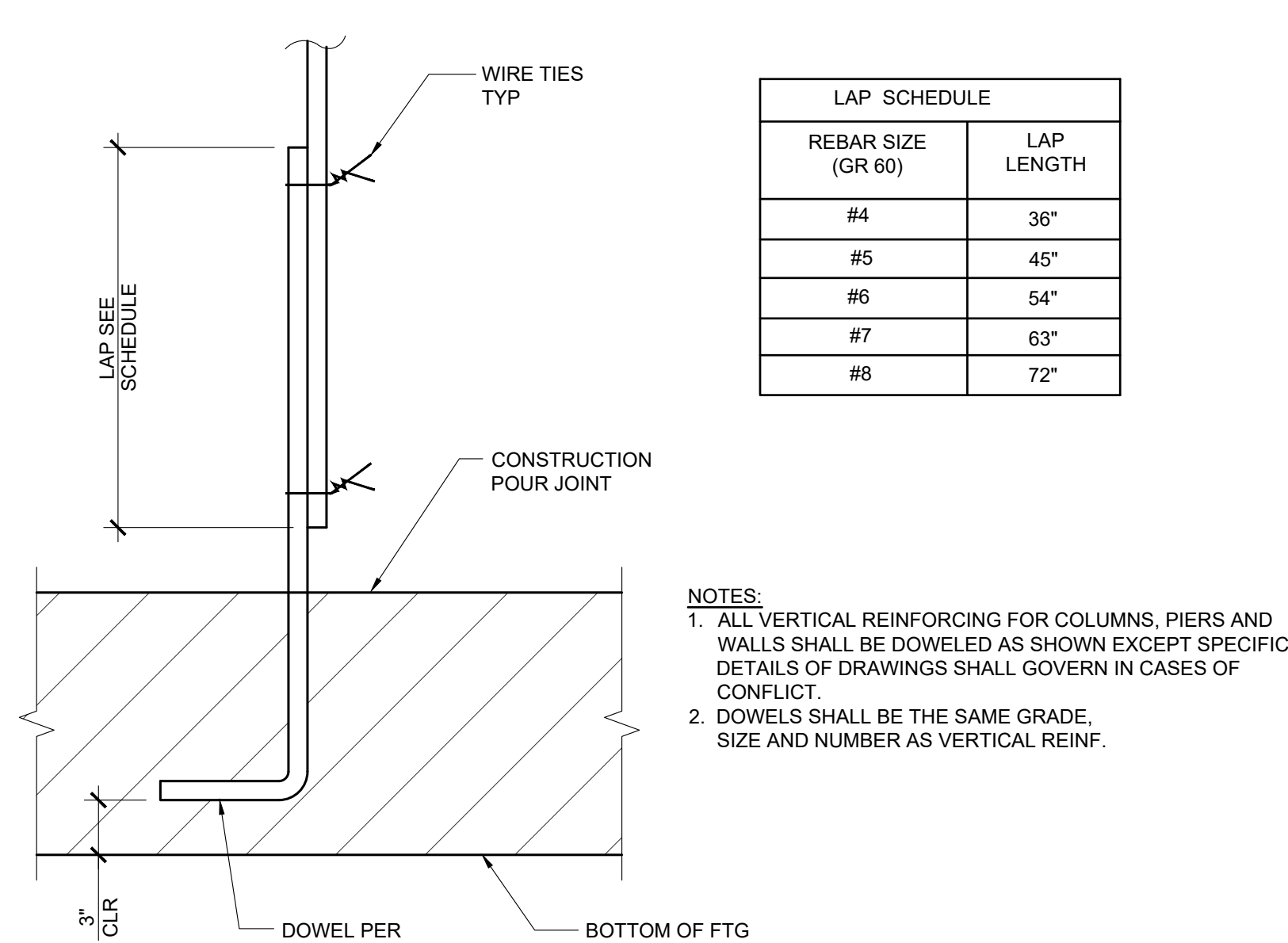
BAR SIZE	STD HOOK L _E (IN)	48D _b (IN)	72D _b (IN)	LAP SPLICE & DEVELOP LENGTH L _D (IN) UNO	
				EDGE BAR/ MULT BARS	SINGLE BAR, CTRD
#3	5	18	27	18	18
#4	7	24	36	36	36
#5	8	30	45	45	45
#6	10	36	54	54	54
#7	12	42	63	63	63
#8	13	48	72	72	72
#9	15	54	81	81	81

- NOTES:
- VALUES SHOWN ARE FOR GRADE 60 REINF DEVELOPED IN CMU.
 - REFER TO TYPICAL REINFORCEMENT DETAILS FOR INFO NOT SHOWN, AND FOR DEVELOPMENT IN CONCRETE.
 - LAP SPLICES OF REINFORCEMENT WITH WORKING STRESS LEVELS HIGHER THAN 80% FS SHALL BE 72D_b LONG, OTHERWISE 48D_b MAY BE USED. LAP SPLICES SHOWN ON THIS SCHEDULE AND THESE PLANS ARE BASED ON THIS RULE.



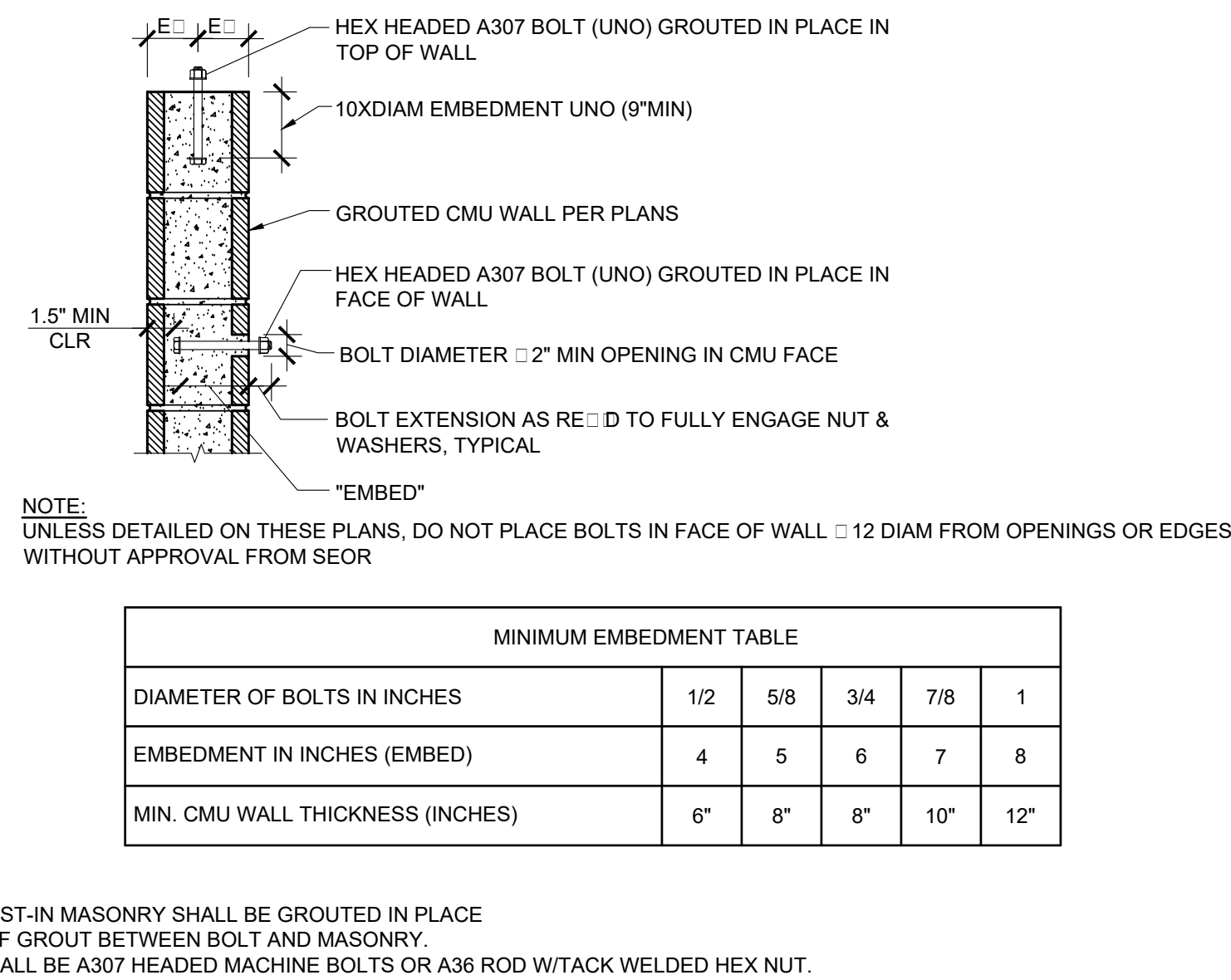
3 CONCRETE MASONRY WALL INTERSECTION

SCALE: N.T.S.



6 TYPICAL DOWELS AT CMU WALL

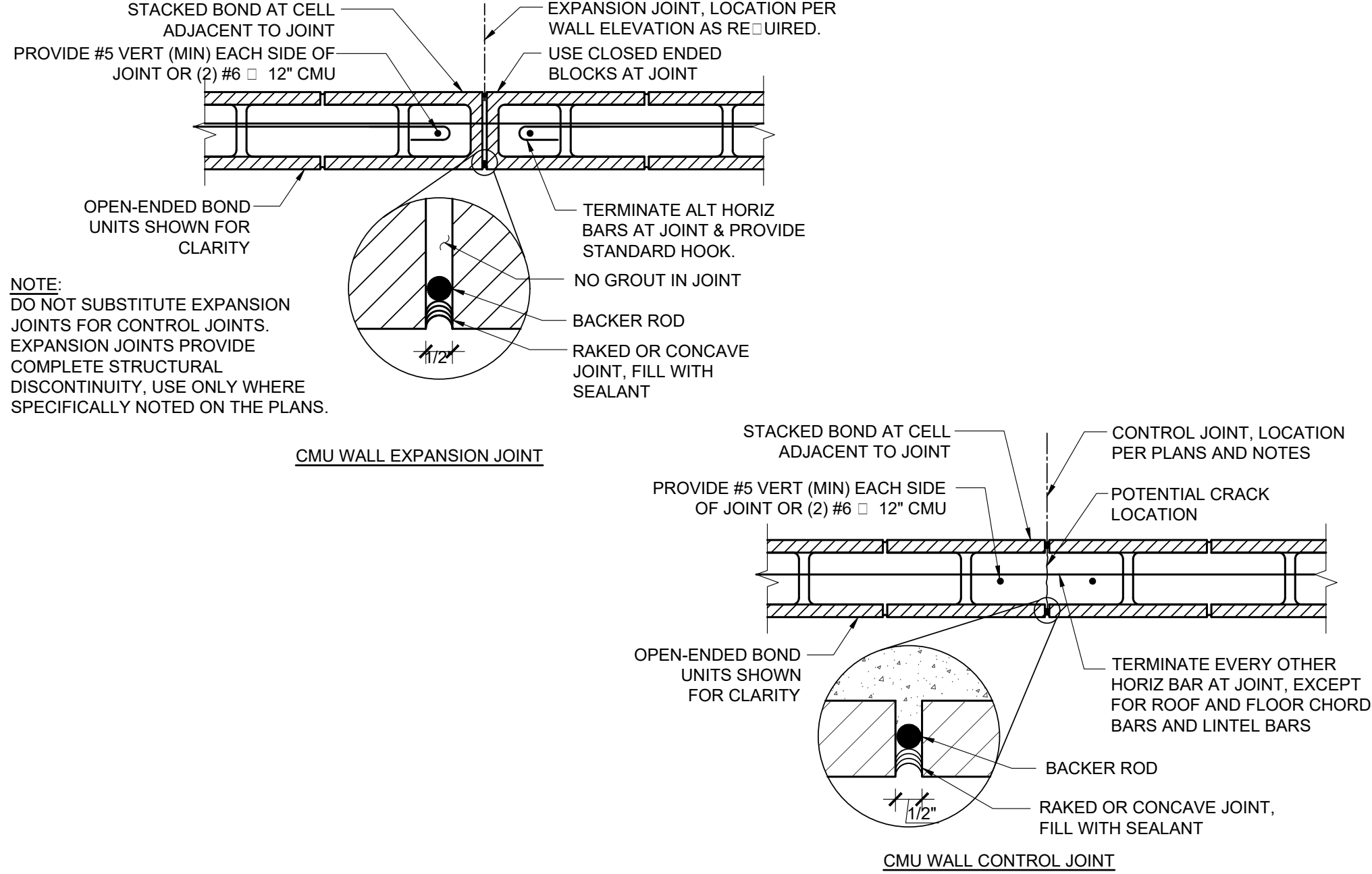
SCALE: N.T.S.



- NOTES:
- BOLTS CAST-IN MASONRY SHALL BE GROUTED IN PLACE WITH 1" OF GROUT BETWEEN BOLT AND MASONRY.
 - BOLTS SHALL BE A307 HEADED MACHINE BOLTS OR A36 ROD W/TACK WELDED HEX NUT.

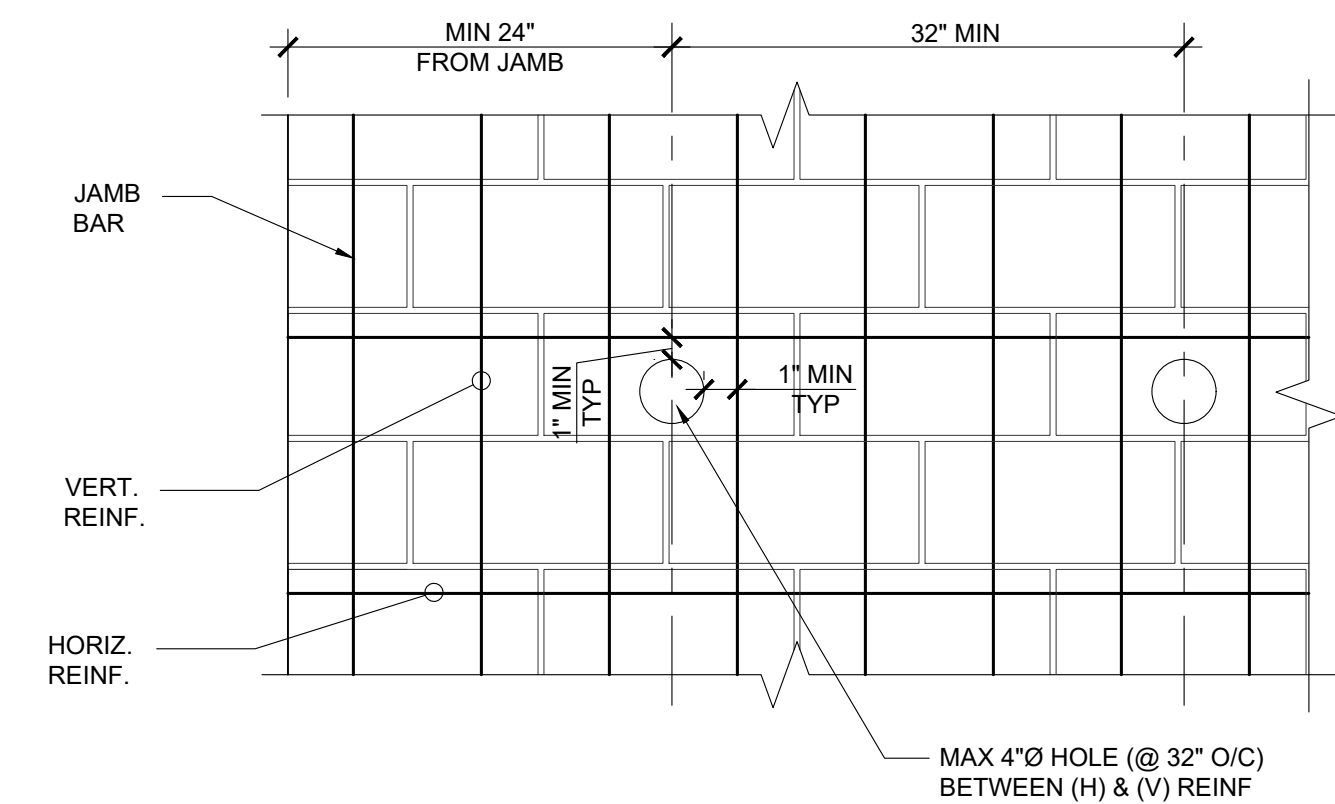
7 HEADED BOLT GROUTED INTO CMU WALL

SCALE: N.T.S.



8 CMU WALL EXPANSION AND CONTROL JOINT

SCALE: N.T.S.



9 ALLOWED LOCATION OF HOLES FOR UTILITY, ETC

SCALE: N.T.S.

PROJECT ISSUE DATE: 06/22/21

CITY OF LOS ANGELES

VERTICAL CONTROL: HORIZONTAL CONTROL:

SHEET TITLE: TYPICAL DETAILS

PROJECT: GRANADA HILLS POOL AND BATH HOUSE REPLACEMENT PROJECT

ADDRESS: 16730 CHATSWORTH STREET GRANADA HILLS, CA 91344

WORK ORDER NO. #E170517

PLAN FILE NO.

DRAWING NO. S1.06

SHEET OF SHEETS

DEPARTMENT OF PUBLIC WORKS

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APPROVED BY:

DATE:

11/01/18

11/01/18

11/01/18

11/01/18

11/01/18

11/01/18

11/01/18

REVISION DESCRIPTION

NO.

DATE

BY

INDEX NO. RP-300118

BUILDING NO.

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