

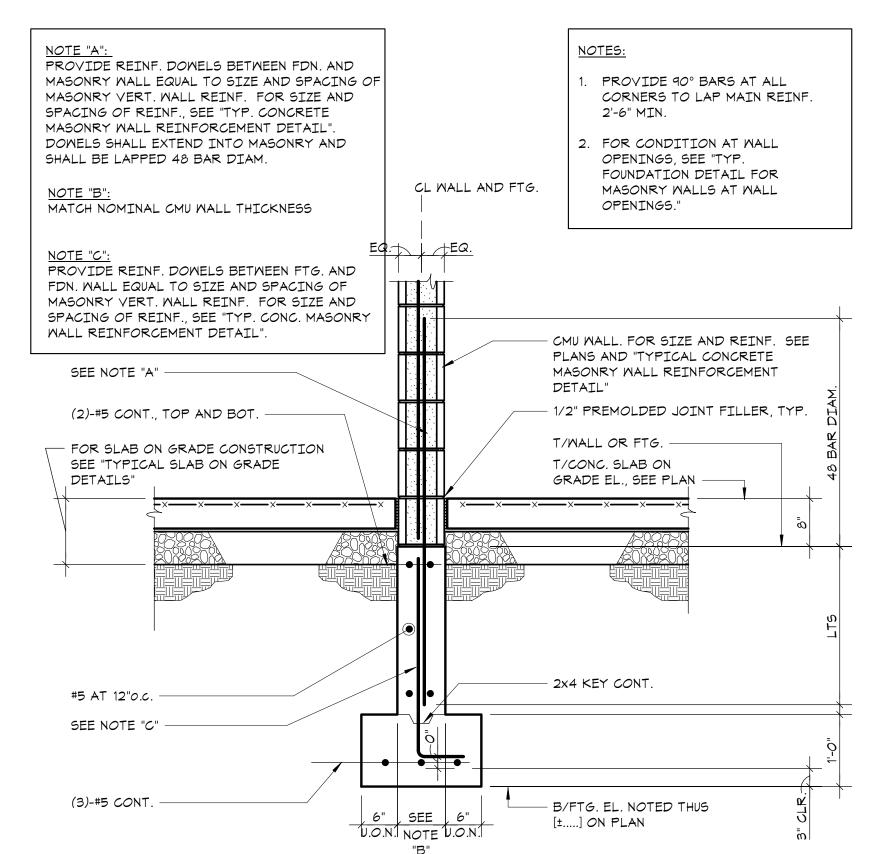
EXTERIOR WALLS, AND BEARING WALLS

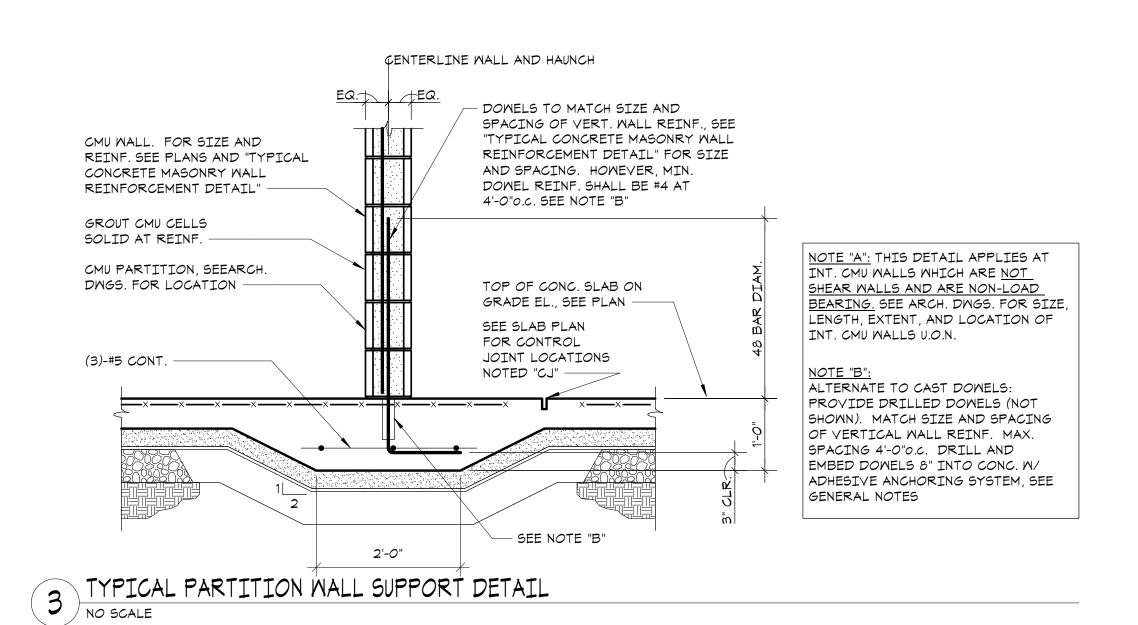
KEYNOTES REINFORCEMENT SCHEDULE (2)-#5 HORIZ. REINF. GROUTED SOLID IN BOND MALL ELEVATION VERTICAL REINFORCEMENT BEAMCOURSE TYP. ABOVE AND BELOW ALL OPENINGS. DESCRIPTION TYPE FOR HORIZONTAL REINFORCING IN MASONRY LINTELS SEE "TYPICAL MASONRY LINTEL IN NON-LOAD BEARING " CMU ⟨ D ⟩ #5 AT 24"o.c. MALL DETAIL" SHEARWALLS, BRG. WALLS, (3)-#5's VERT. FULL HEIGHT REINF. IN SOLID GROUT, TYP. AT FIRE WALLS AND WALL ENDS, CORNERS, AND EACH SIDE OF CJ'S, SEE EXTERIOR WALLS F \ (1)-#5 REINFORCEMENT SCHEDULE 〈 D 〉 (2)-#5 AT 32"o.c. CMU WALL. FOR SIZE, SEE PLANS AND SHEARWALLS, REINFORCEMENT SCHEDULE. BRG. WALLS, FIRE WALLS AND TYP. VERTICAL REINF., SEE REINFORCEMENT SCHEDULE (U.O.N. BY SECTION). FILL CELLS EXTERIOR WALLS (2)-#5 CONTAINING REINF. SOLID W/ GROUT #5 AT 32"0.C. PARTITIONS NOTE: ALL 8" CMU PARTITIONS ⁽2)-#5 HORIZ. REINF. AT TOP OF WALL GROUTED SOLII (1)-#5 MUST BE BRACED AT EACH IN BOND BEAM COURSE. PLACE REINF. ONE COURSE FLOOR LEVEL. LOWER WHERE WALL ABUTS FLOOR ABOVE. (1)-#5 VERT. FULL HEIGHT REINF. IN SOLID GROUT, TYP. AT #4 AT 32"0.c. BOTH SIDES OF ALL WALL OPENINGS, SEE PARTITIONS NOTE: ALL 6" CMU PARTITIONS REINFORCEMENT SCHEDULE. (1)-#4 MUST BE BRACED AT EACH FLOOR LEVEL. HORIZ. JOINT REINFORCING, SEE GENERAL NOTES. F \ (1)-#4 PROVIDE REINFORCING DOWELS BETWEEN FDN. AND MASONRY WALL EQUAL TO SIZE AND SPACING OF MASONRY VERT. WALL REINFORCING (MAX. SPACING 4'-0"o.c.). REINFORCING DOWELS SHALL EXTEND INTO MASONRY WALLS AND SHALL BE LAPPED 48 BAR DIAM PROVIDE REINFORGING DOWELS BETWEEN FTG. AND FDI WALL EQUAL TO SIZE AND SPACING OF MASONRY VERT SEE WALL ELEVATIONS (A) AND (B) FOR PLACEMENT OF REINFORCEMENT AND ADDITIONAL REQUIREMENTS. WALL REINFORCING (MAX. SPACING = 4'-0"o.c.). ALL WALLS SHALL HAVE HORIZ. JOINT REINFORCEMENT AS PER GENERAL NOTES. AT SHEAR WALLS PROVIDE REINFORCING DOWELS SHALL EXTEND INTO MASONRY ADDITIONAL HORIZ. JOINT REINFORGEMENT AS PER "TYP. REINF. ARRANGEMENTS AT CMU SHEAR WALL ENDS, WALLS AND SHALL BE LAPPED 48 BAR DIAM. CORNERS, AND INTERSECTIONS. NOTES:

1. FOR SHEAR WALL LOCATIONS AND EXTENT, SEE FRAMING AND FDN. PLANS.

- 2. FOR CMU WALL LOCATIONS AND EXTENT, SEE ARCH. DWGS. 3. SEE ARCH. DWGS. FOR LOCATIONS OF CONTROL JOINTS. DO NOT LOCATE CONTROL
- JOINTS WITHIN 32" OF MASONRY OPENINGS. 4. ALL CMU CELLS CONTAINING VERTICAL REINFORCEMENT SHALL BE GROUTED SOLID.
- 5. ALL GROUTED CELLS SHALL BE MECHANICALLY VIBRATED IN ACCORDANCE WITH ACI 530. IN ADDITION, AFTER 10 MINUTES, MECHANICALLY VIBRATE GROUTED CELLS A SECOND TIME.
- 6. BOND BEAM AT SLOPING STEEL BEAMS/ROOFS/CEILINGS: ELEVATION OF CONTINUOUS BOND BEAM MUST VARY W/ SLOPING STL. BM./ROOF/CEILING. WHERE CHANGES COURSE, RUN BOND BEAM IN BOTH COURSES FOR A MINIMUM OF 6'-0"

TYPICAL CONCRETE MASONRY WALL REINFORCEMENT DETAIL NO SCALE





- BOT. OF CMU AT ELEVATION (B) FOR

BOT. OF CMU AT

ELEVATION (A) FOR

APPROPRIATE FDN.

FOUNDATION INFO. SEE

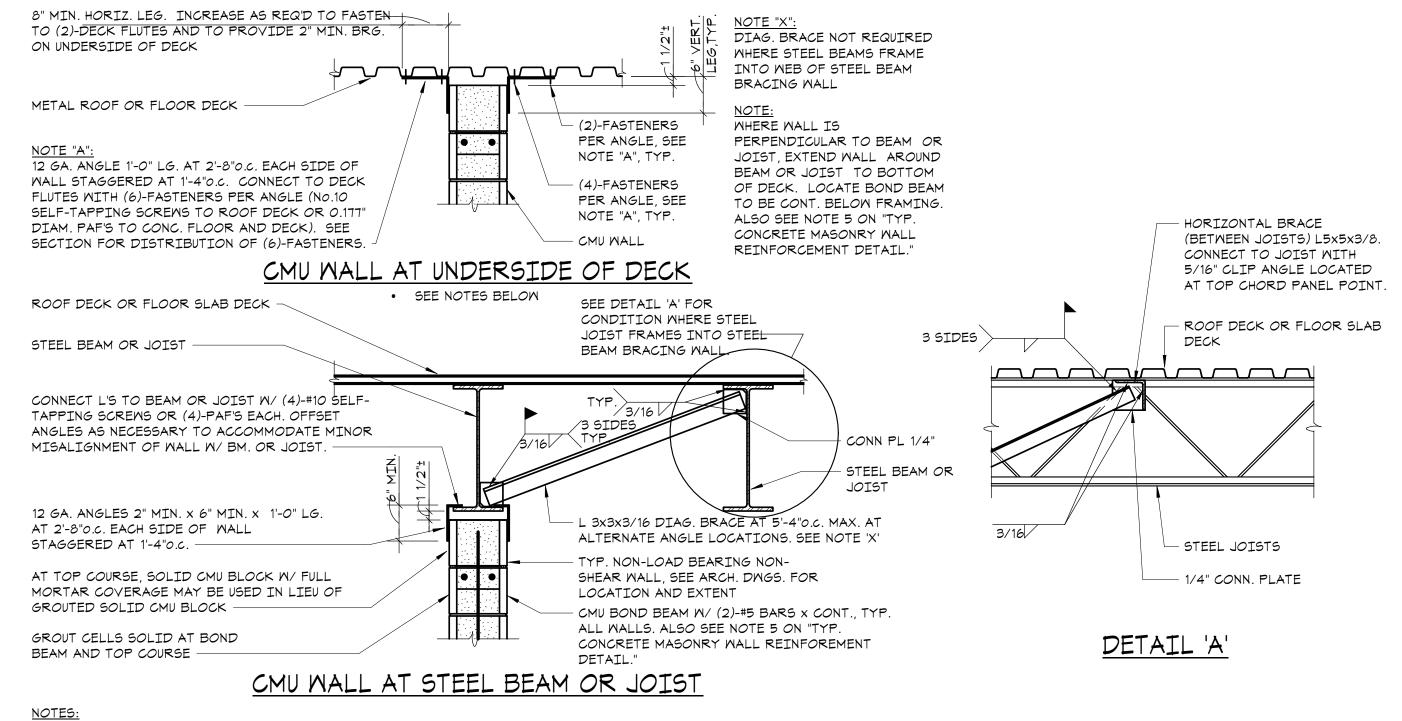
DETAIL

DETAIL

NOTE 4 AND GENERAL NOTES.

FOUNDATION INFO. SEE

APPROPRIATE FDN.

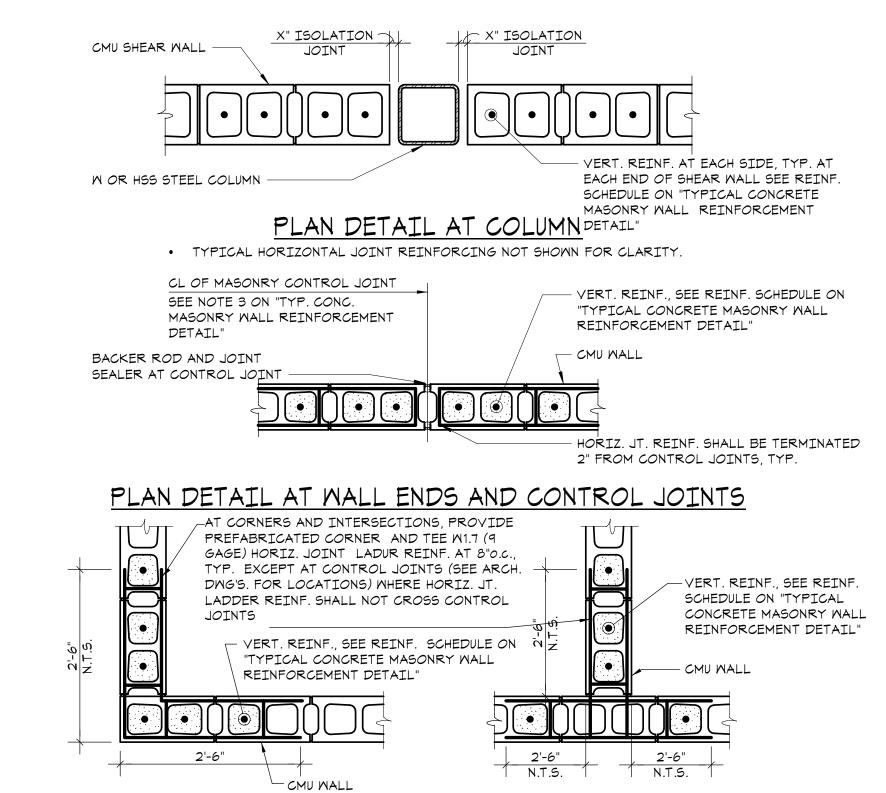


NOTES:

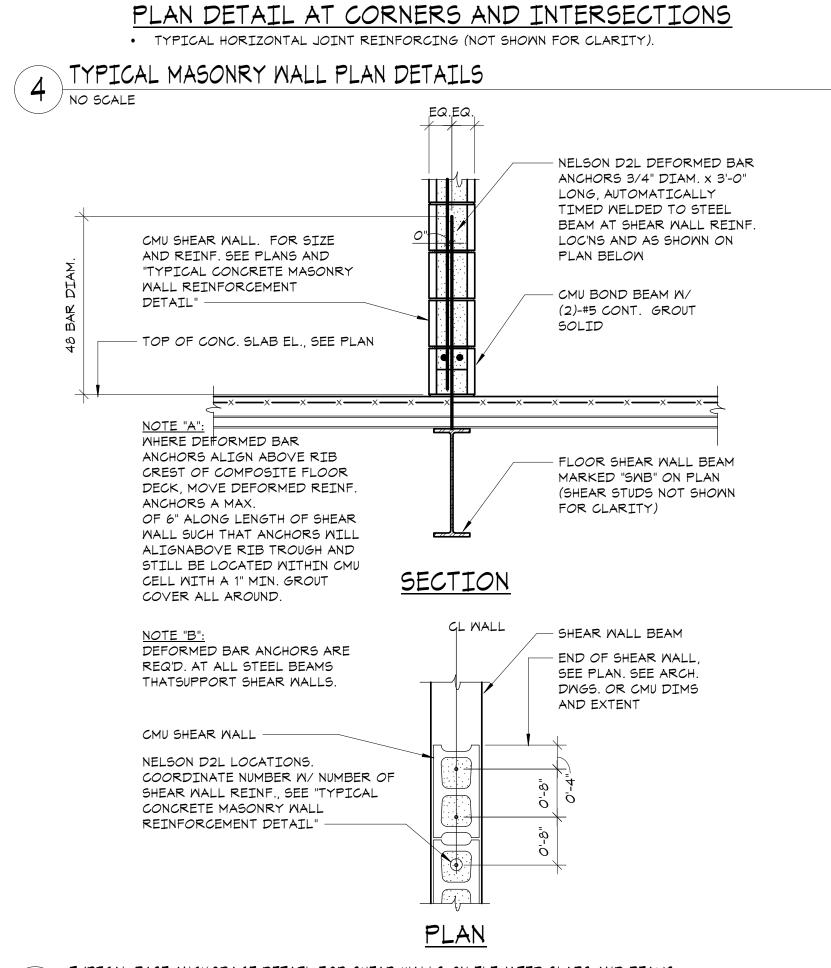
1. THESE DETAILS APPLY AT INTERIOR CMU WALLS WHICH ARE NOT SHEAR WALLS AND ARE NON-LOAD BEARING. SEE ARCHITECTURAL DRAWINGS FOR SIZE, LENGTH, AND LOCATION OF INTERIOR CMU WALLS. 2. BRACING AT TOP OF WALL IS NOT REQURIED BETWEEN INTERSECTING CMU WALLS SPACED LESS THAN 10 FEET FOR 4" WALLS, 14 FEET FOR 6" WALLS, 17 FEET FOR 8" WALLS, AND 21 FEET FOR 12" 3. WHERE LOCATION OF CMU WALL FACE IS OFF BEAM/JOIST CENTERLINE SUCH THAT ABOVE GAGE ANGLES AT STEEL BEAM OR STEEL DECK CAN NOT SANDWICH CMU WALL FROM BOTH SIDES, BRACE CMU WALL WITH STEEL ANGLES/BENT PLATES AND THREADED RODS SIMILAR TO SECTION "TYPICAL CONNECTION DETAIL AT TOP OF SHEAR/EXTERIOR WALLS", EXCEPT IN LIEU OF WELDING ANGLE/BENT PLATE TO BOTTOM FLAGE OF BEAM, BOLT TO BOTTOM FLANGE OF BEAM WITH (2) 3/4" DIAM. A325 BOLTS IN 1 7/8" LONG HORIZONTAL SLOTTED HOLES (SLOTS PARALLEL TO SPAN OF

— CMU WALL BEYOND - #5 x 5'-0" LONG AT 12"0.c. CENTERED OVER WALL AND FOOTING. AT SLAB CONTROL JOINT LOCATIONS NOTED "CJ" ON PLANS STOP REINF. 1" CLR. EACH SIDE OF JOINT TOP OF CONC. SLAB ON GRADE EL., SEE PLAN -- FOR SLAB ON GRADE CONSTRUCTION SEE "TYPICAL SLAB ON GRADE DETAILS" 2'-0" TYP. TOP OF WALL OR FTG. • NOTE "A": SEE TYP. FDN WALL SECTION FOR INFORMATION NOT SHOWN 6" SEE 6 NOTE "B": MATCH NOMINAL CMU WALL THICKNESS

TYPICAL FOUNDATION DETAIL FOR MASONRY WALLS AT WALL OPENINGS 6 NO SCALE



PLAN DETAIL AT CORNERS AND INTERSECTIONS



TYPICAL BASE ANCHORAGE DETAIL FOR SHEAR WALLS ON ELEVATED SLABS AND BEAMS NO SCALE

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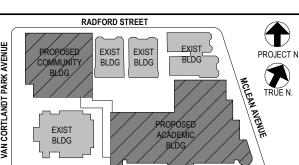
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4 11/01/21 ISSUE FOR BID 3 07/14/21 CONSTRUCTION DOCS - NYSED 12/15/20 DESIGN DEVELOPMENT 1 08/31/20 SCHEMATIC DESIGN No. Date

MASONRY SCHEDULE AND TYPICAL DETAILS

Job No. 20142.00 10/30/2020 Scale Engin'r / Checked AS NOTED TM / EM

Sheet Number **S401**

5 TYPICAL BRACING DETAIL AT TOP OF PARTITION WALL

TYPICAL FOUNDATION DETAIL FOR SHEAR WALLS/MASONRY WALLS

✓ ✓ NO SCALE