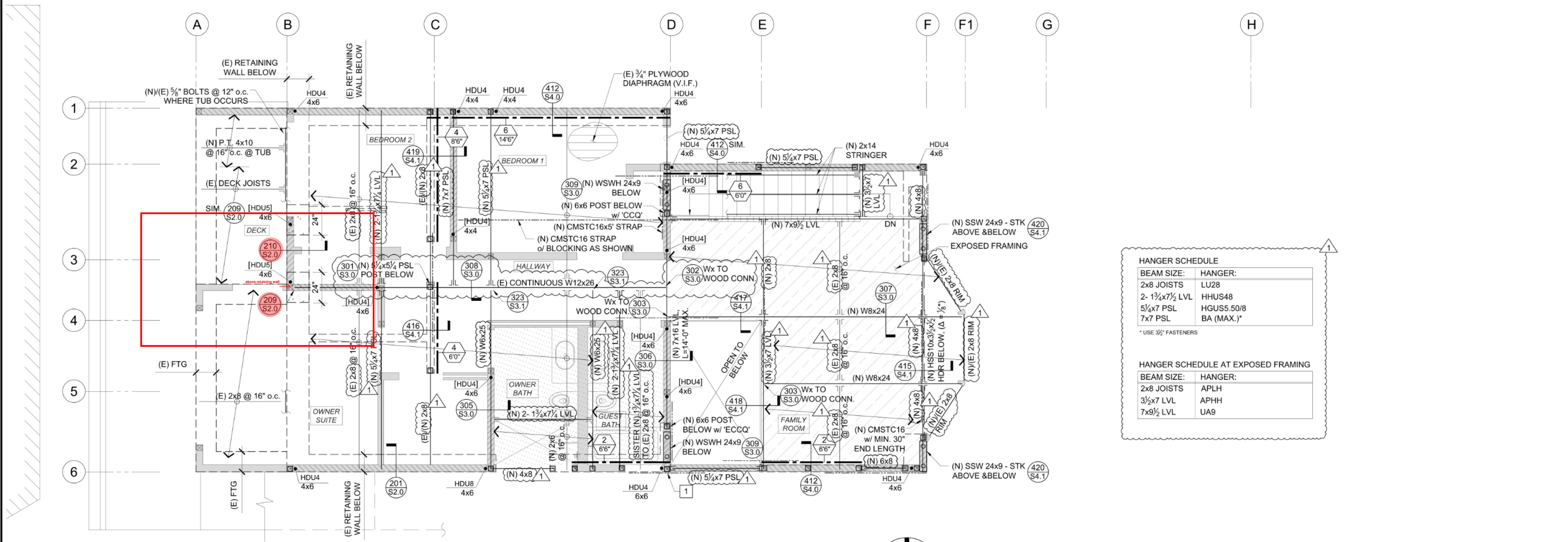


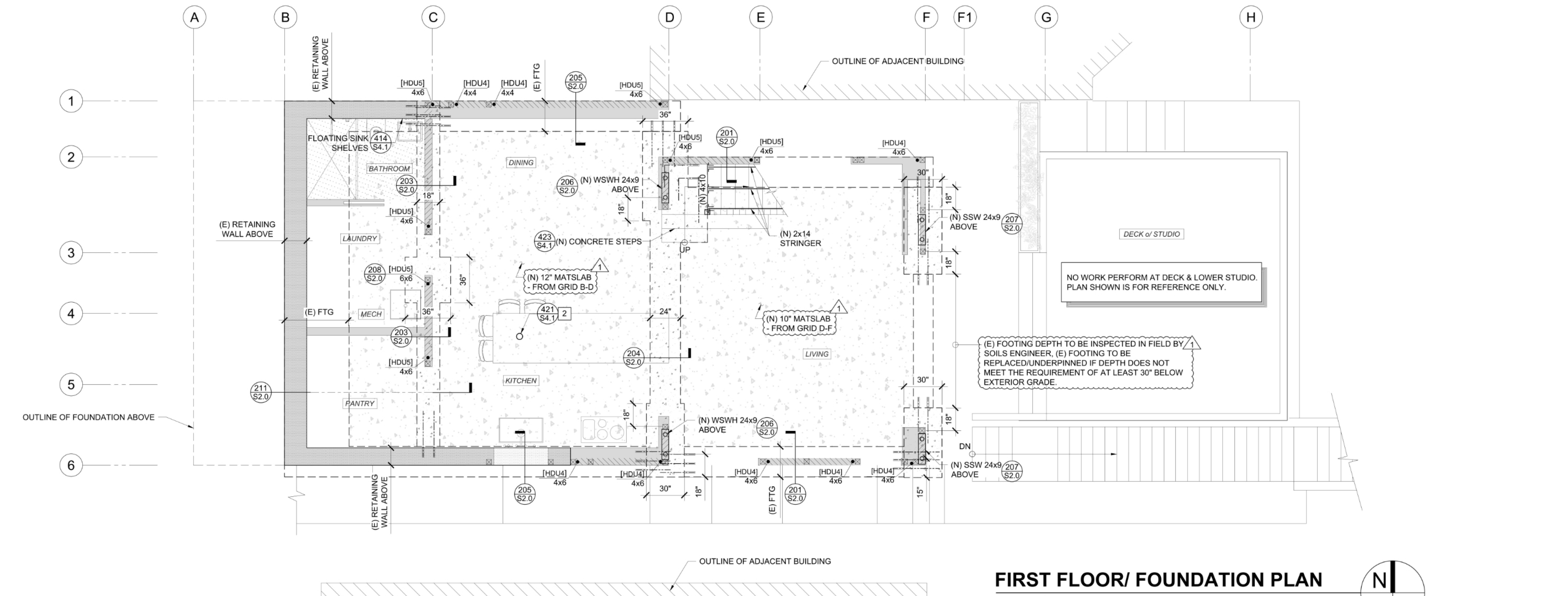
SECOND FLOOR FRAMING PLAN

SCALE: 1/4" = 1'-0"

HANGER SCHEDULE	
BEAM SIZE:	HANGER:
2x8 JOISTS	LU28
2- 1 3/4x7 1/2 LVL	HHUS48
5 1/4x7 PSL	HGUS5.50/8
7x7 PSL	BA (MAX.)*

* USE 3 1/2" FASTENERS

HANGER SCHEDULE AT EXPOSED FRAMING	
BEAM SIZE:	HANGER:
2x8 JOISTS	APLH
3 1/2x7 LVL	APHH
7x9 1/2 LVL	UA9



FIRST FLOOR/ FOUNDATION PLAN

SCALE: 1/4" = 1'-0"

FOUNDATION NOTES

1. SEE GENERAL NOTES ON SHEET S0.0
2. ALL POSTS SHOWN SHALL BE (N), OR (E) VERIFIED IN FIELD, AND STACKED THROUGH FLOORS ALL THE WAY TO FOUNDATION. SEE LEGEND FOR MORE INFO.
3. (N) EXTERIOR STUD WALLS TO BE 2x6 MIN @ 16" o.c. U.O.N. (N) INTERIOR STUD WALLS TO BE 2x4 MIN @ 16" o.c.. U.O.N. SEE DETAIL 517/ST-2 FOR MORE INFO.
4. FOR FOOTING INTERSECTIONS, SEE DETAIL 509/ST-1.
5. FOR HOLDOWNS OVER NEW CONCRETE, SEE DETAIL 511/ST-1.

FRAMING NOTES

1. SEE GENERAL NOTES ON SHEET S0.0
2. ALL POSTS SHOWN SHALL BE (N), OR (E) VERIFIED IN FIELD, AND STACKED THROUGH FLOORS ALL THE WAY TO FOUNDATION. SEE LEGEND FOR MORE INFO.
3. (N) EXTERIOR STUD WALLS TO BE 2x6 MIN @ 16" o.c. U.O.N. (N) INTERIOR STUD WALLS TO BE 2x4 MIN @ 16" o.c.. U.O.N. SEE DETAIL 517/ST-2 FOR MORE INFO.
4. FOR TYPICAL DROPPED HEADER FRAMING, SEE DETAIL 517/ST-2.
5. FOR HOLDOWNS BETWEEN FLOORS, SEE DETAIL 523/ST-2.
7. FOR HOLDOWNS OVER STEEL BEAMS, SEE DETAIL 521/ST-2. 1
8. FOR HOLDOWNS OVER WOOD BEAMS, SEE DETAIL 522/ST-2.

KEY NOTES

1. PROVIDE (N) CS14x48" STRAP AT BEAM TO BLOCKING. NOTE: STRAP CAN BE REPLACED w/ TOP MOUNTED HDU2, CONTACT SEMCO FOR DETAIL
2. HSS2.5x0.25 COUNTERTOP COLUMN o/ 12"x12" CONC. PAD, SEE 421/S4.1.

SHEARWALL SCHEDULE

TYPE	SHEATH'G & NAIL SPEC	PANEL EDGE NAIL'G	SHEAR TRANSFER OPTIONS (AVERAGE SPACING): ANCHOR BOLTS	SDWS 0.22"Ø [1] SCREWS	LTP4	LTP5	A35
6	1/2" STRUCT I PLYWOOD w/ 10d COMMON NAILS (0.148 x 3")	6"	5/8"Ø @ 48"	12"	17"	15"	18"
4		4"	5/8"Ø @ 32"	8"	11"	10"	12"
3		3"	5/8"Ø @ 16"	6"	9"	8"	9"
2		2"	3/4"Ø @ 16"	2-ROWS @ 8" [2]	6"	6"	7"
4 4		4" E.S.	5/8"Ø @ 8"	2-ROWS @ 8" [2]	5"	5"	6"
3 3		3" E.S.	5/8"Ø @ 8"	2-ROWS @ 6" [2]	4"	4"	4"
2 2		2" E.S.	3/4"Ø @ 8"	2-ROWS @ 6" [2]	3"	3"	3"

SCHEDULE NOTES:

- ALL SPACINGS NOTED ON THIS SCHEDULE SHALL BE ON CENTER (o.c.)

1. SDWS: USE SIMPSON SDWS 0.22"Ø SCREWS, 7/8" MIN EDGE DISTANCE. SIZE SCREWS SO THAT 2" MIN PENETRATION INTO WOOD HOLDING TIP OF SCREW. NOTE THAT SCREWS ARE OFTEN INSTALLED NEXT TO DIAPHRAGM NAILS. CONTRACTOR SHALL REDUCE SCREW SPACING AS NEEDED TO ACHIEVE AT LEAST 1" SPACE BETWEEN EACH FASTENER, PRE-DRILL PILOT HOLES WHERE SCREWS SPACED LESS THAN 6" o.c. IN A ROW
2. THESE SCREWS SHALL BE 2-ROWS AT SPACING INDICATED, STAGGERED OVER A 3 1/2"x MIN, OR 2-2x MIN RIM/BEAM BELOW SILL. 1 1/2" MIN SPACE BETWEEN ROWS.

SEE GENERAL NOTES AND DETAIL 513/ST-2 FOR ADDITIONAL REQUIREMENTS.

LEGEND

- DETAIL NUMBER / SHEET NUMBER
- (N) SHEAR WALL TYPE / MIN LENGTH — NOTE: THIS INDICATES SHEAR WALL BELOW THE FRAMING LEVEL.
- POST ABOVE
- POST ABOVE & BELOW. MATCH SIZE OF LOWER POST TO UPPER POST, U.O.N. PER PLAN.
- POST BELOW PER PLAN. IF POST ISN'T NOTED, USE THIS POST: @ 2x6 WALLS: 2-2x6 POST; @ 2x4 WALLS: 4x4 POST; @ HDR SUPPORT, FOLLOW 517/ST-2 U.O.N.
- WALL ABOVE
- SHEARWALL ABOVE
- WALL BELOW
- SHEARWALL BELOW
- TILE FLOOR ABOVE
- CONCRETE WALL ABOVE
- NEW CONCRETE FOOTING
- EXISTING CONCRETE FOOTING
- NEW CONCRETE SLAB ON GRADE PER DETAIL 505/ST-1 U.O.N.
- HLDN POST — HOLDOWN BETWEEN FLOORS STACKED POST U.O.N.
- [HLDN] POST — HOLDOWN OVER BEAMS OR FOUNDATION & POST SIZE
- HORIZONTAL CS14x48" STRAP, U.O.N. PER PLAN. NOTE: DO NOT APPLY STRAP OVER DIAPHRAGM IF THE DIAPHRAGM IS ALREADY NAILED, OR ELSE THE ADDITIONAL STRAP NAILS WILL CAUSE WOOD SPLITTING. CONTACT SEMCO FOR ALTERNATE
- (N) EPOXY DOWEL (N) CONC TO (E) CONC #5 x 36" w/ 8" MIN EMBED. INSTALL 2-#5 TOP & BOTT FOR 18" GRADE BEAM. INSTALL 3-#5 TOP & BOTT FOR 24" GRADE BEAM @ EACH INTERSECTION U.O.N.

GRAPHIC SCALE: 0 1' 2' 4' 8' 16'

ENGINEER:
SEMCO ENGINEERING, INC.
322 cortland avenue
san francisco, ca 94110
ph: 415.553.8810
email: info@semcoengineering.net
S 4605 STRUCTURAL STATE OF CALIFORNIA

NOTICE:
As an instrument of service, this drawing is the property of SEMCO Engineering, Inc. and may be used only for this project. Modifications to this drawing may be made only by SEMCO Engineering, Inc.
Contractor shall refer to Architectural Plans for dimensions, verify dimensions and existing conditions on site, and report discrepancies to SEMCO for resolution prior to starting the work in question.
© 2023 SEMCO Engineering, Inc.

BUILDING OFFICIAL'S STAMP:

CONSTRUCTION SET

PROJECT ADDRESS:
INTERIOR REMODEL
680 SANCHEZ ST.
SAN FRANCISCO, CA

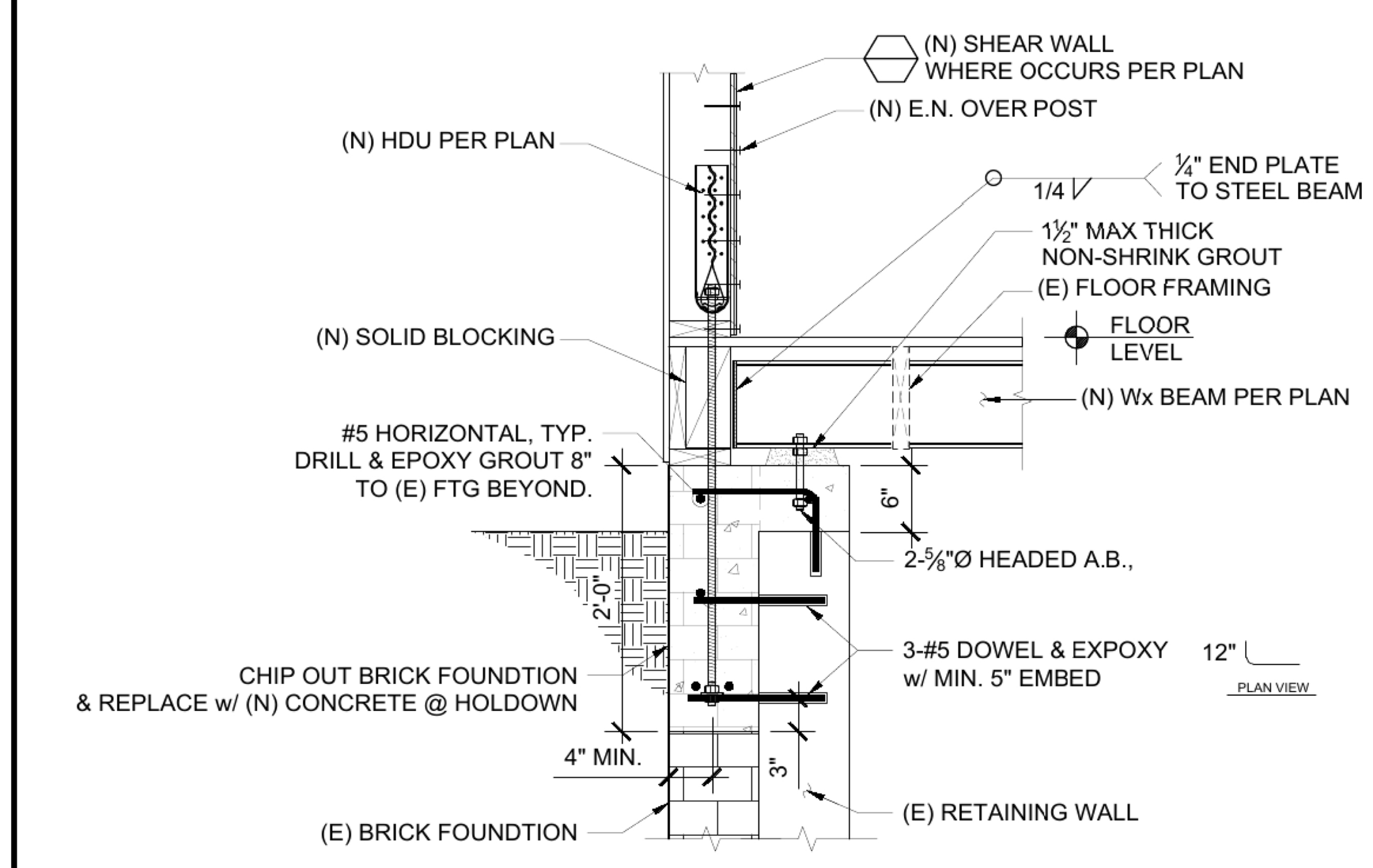
ISSUES OF DRAWINGS		
MARK	DATE	DESCRIPTION
	6/5/2023	CONSTRUCTION SET
1	10/30/2023	FOUNDATION & 2nd FLOOR REV.

PROJECT ENGINEER: Samson Gan (extension 306)
CHECKED BY: Shaun Moynahan
PROJECT NUMBER: 2201
FILE NAME: Plan-Sheets-2201-Phase 1.dwg
OWNER: PROCTOR & HEWITT
SCALE: AS NOTED

SHEET TITLE: FIRST FLOOR/ FOUNDATION & SECOND FLOOR FRAMING PLAN

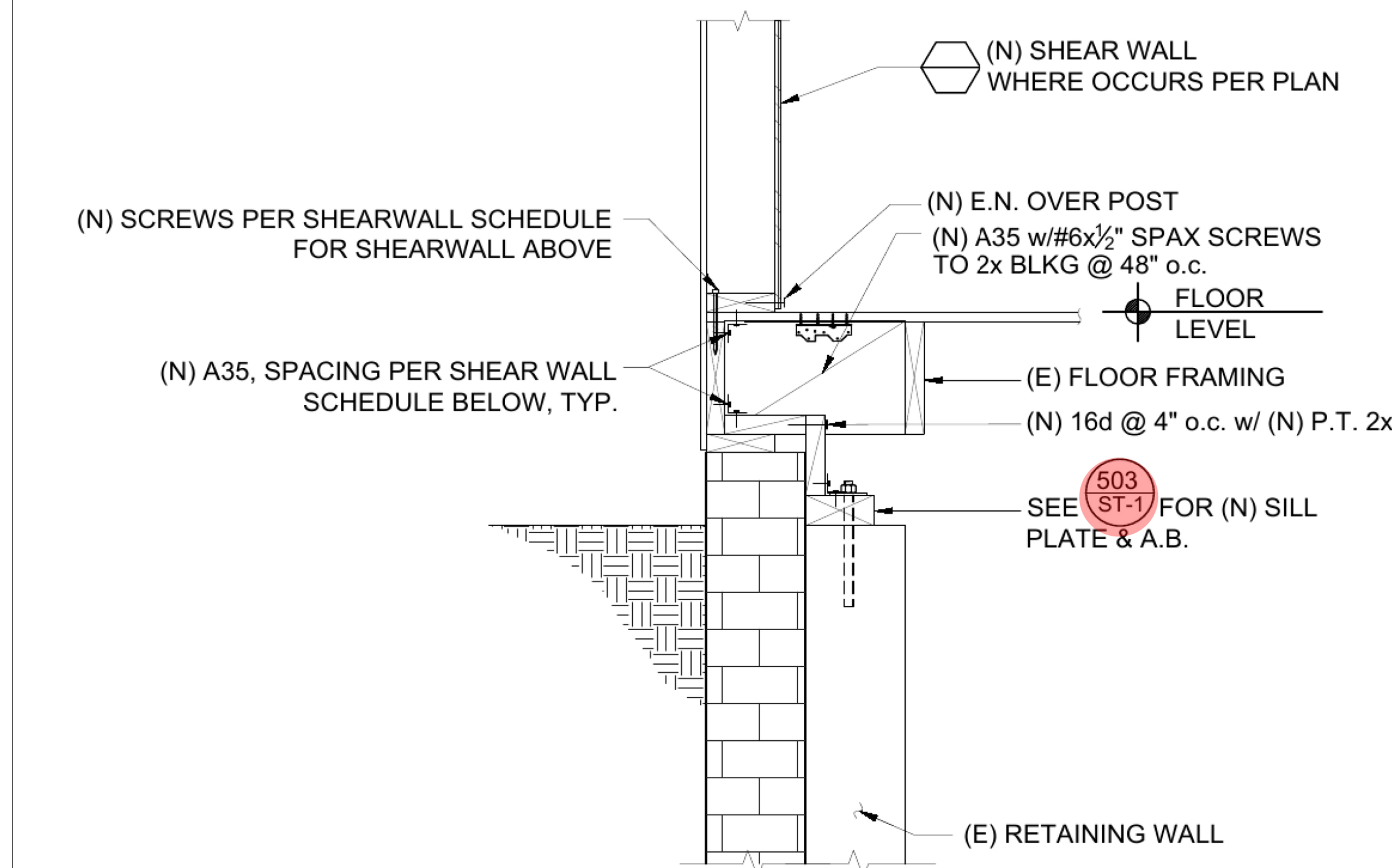
SHEET #: S1.0

SHEET SEQUENCE: 2 OF 11



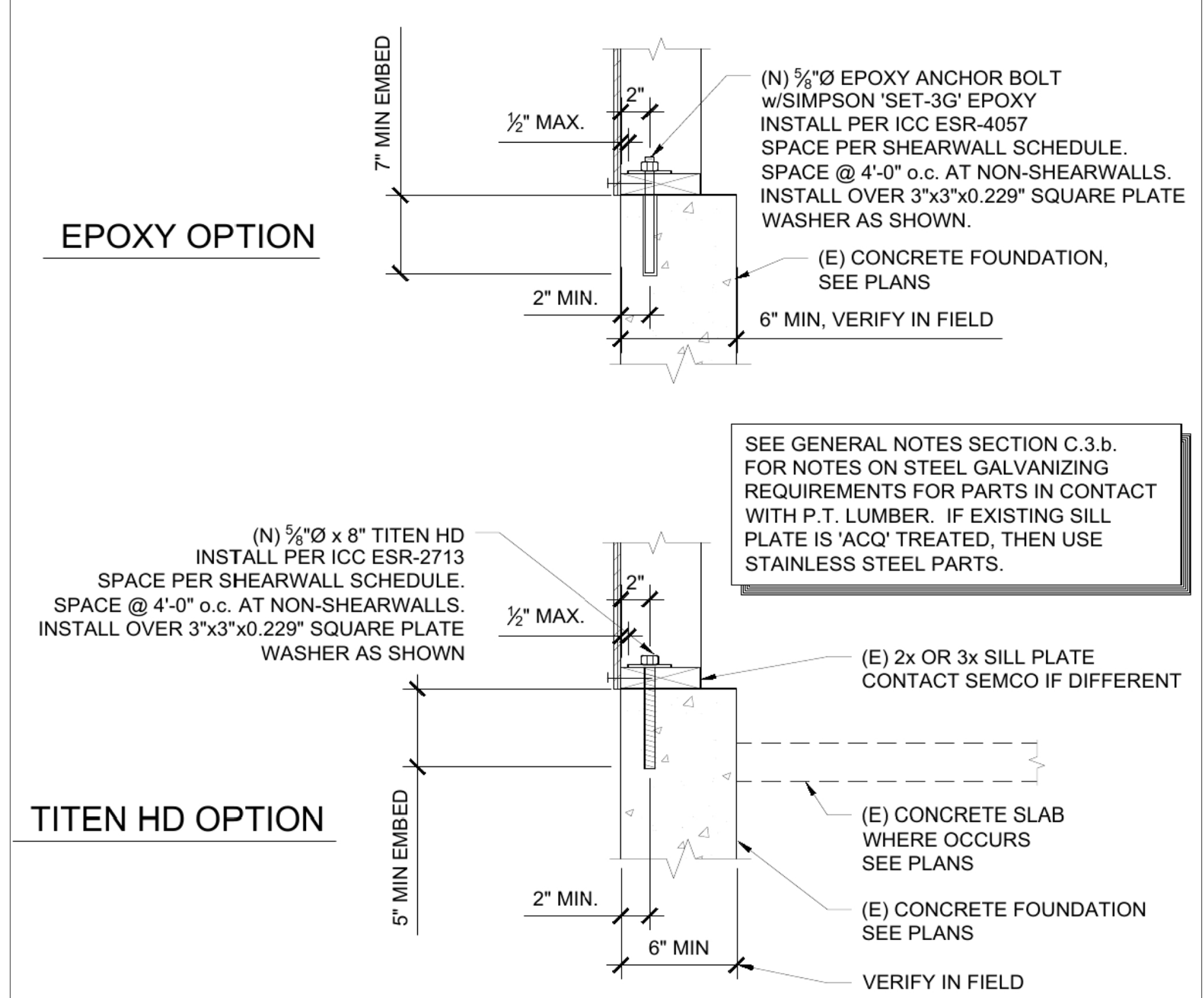
SCALE: 3/4" = 1'-0"

209 (N) Wx BEAM o/ CONC.



SCALE: 3/4" = 1'-0"

210 (N) SHEAR WALL o/ (E) FOUNDATION

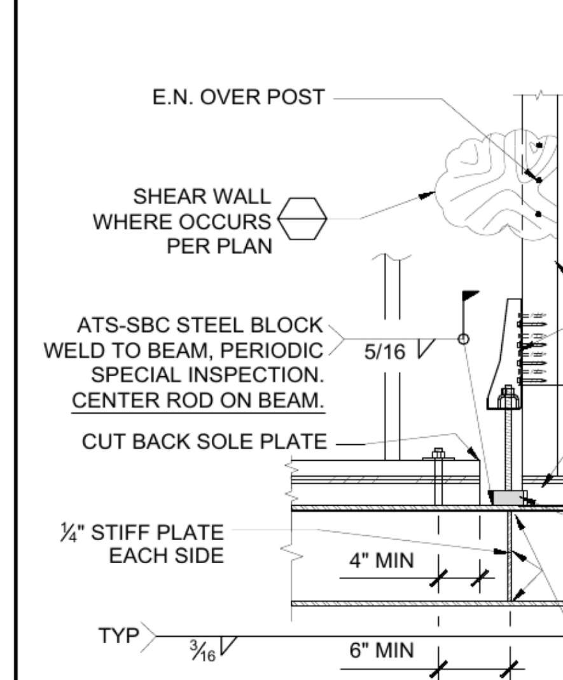


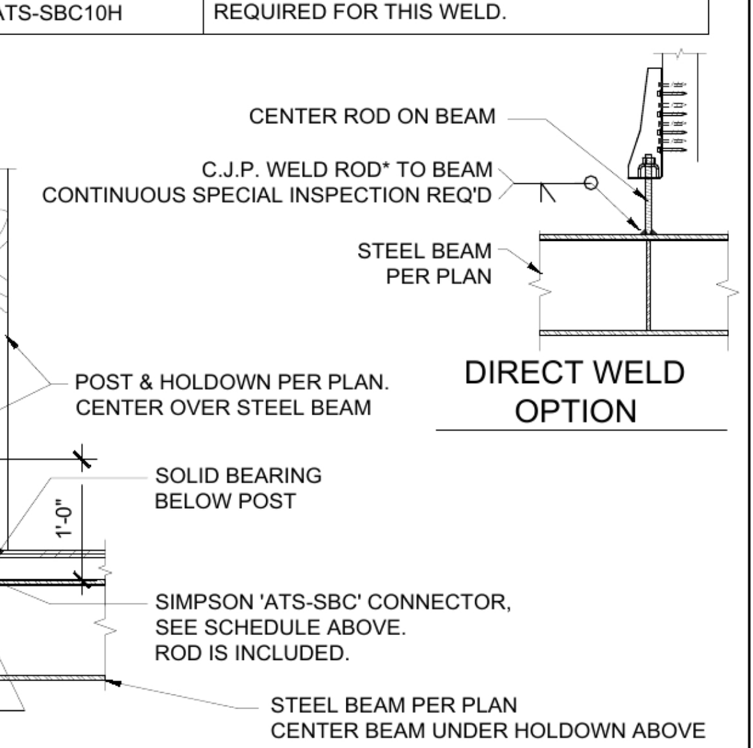
NOT TO SCALE

503 NEW ANCHORS @ EXIST SILL PLATE

CONNECTION SCHEDULE

HOLDDOWN PER PLAN	ROD DIAMETER	OPTIONS: 'ATS-SBC' MODEL NUMBER	WELD ROD* DIRECTLY TO STEEL BEAM
HDU2, HDU4, HDU5	5/8" Ø	ATS-SBC5H	COMPLETE JOINT PENETRATION (C.J.P.) WELD. BEVEL CUT ROD PRIOR TO WELDING. DO NOT USE HIGH-STRENGTH RODS. 55-KSI MAX ROD GRADE. CONTINUOUS SPECIAL INSPECTION REQUIRED FOR THIS WELD.
HDU8	SEE RIGHT	ATS-SBC6H (3/4" HS ROD)	
HDU11, HDU14	1" Ø	ATS-SBC8H	
HD19	1 1/4" Ø	ATS-SBC10H	





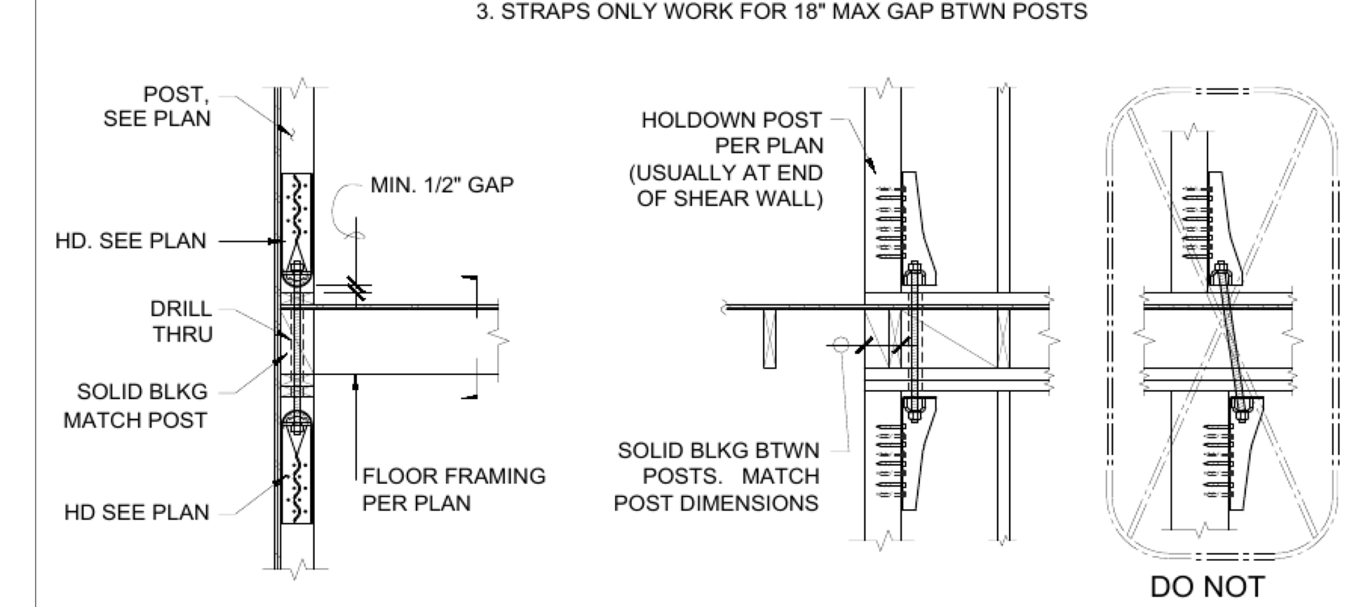
NOT TO SCALE

521 TYP HOLDOWN OVER STEEL BEAM

ALTERNATIVE STRAP OPTION		
HOLDOWN	EQ. SINGLE STRAP	EQ. DOUBLE STRAP
HDU2	MSTC52	-
HDU4	MSTC52	-
HDU5	MSTC66	-
HDU8	CMST12	2-MSTC52's
HDU11	-	2-MSTC78's

STRAP NOTES:

1. SEE DETAIL 524/ST-2 FOR MORE STRAP INFO
2. FOR 2 STRAPS USE 6x POST MIN
3. STRAPS ONLY WORK FOR 18" MAX GAP BTWN POSTS



N.T.S.

523 TYP HOLDOWN AT FLOOR PLATE