OF INTERIOR PARTITION WALLS IS SHOWN ON ARCHITECTURAL DRAWINGS AND IS NOT NECESSARILY ALL SHOWN ON THE STRUCTURAL DRAWINGS. PROVIDE ANCHORAGE, INSERTS, ANCHOR BOLTS, ETC. FOR STRUCTURAL CONNECTIONS OF TOP, SIDES AND BOTTOM OF ALL PARTITION WALLS AS LOCATED ON THE ARCHITECTURAL DRAWINGS REFER TO THE ARCHITECTURAL DRAWINGS AND THE SPECIFICATIONS FOR THE

FOLLOWING: FLOOR FINISHES; DEPRESSIONS AND CURBS ON FLOORS; OPENINGS REQUIRED FOR WINDOWS, DOORS, DUCTS, VENTS, PLUMBING, ETC.; FLASHING, INSERTS, ANCHORAGES, HANGERS ETC., EMBEDDED IN OR ATTACHED TO THE STRUCTURE; ROADWAY, WALKS, PAVING, STAIRS, EXTERIOR GRADES, ELEVATIONS OF ROOF SURFACE AND LOCATIONS OF DRAINS AND PARTITION WALLS.

THE CONTRACTOR SHALL COMPARE THE STRUCTURAL DRAWINGS WITH ARCHITECTURAL, PLUMBING, MECHANICAL, CIVIL, AND ELECTRICAL DRAWINGS AS TO ALL LAYOUTS, DIMENSIONS AND ELEVATIONS. ANY DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT FOR PROPER ADJUSTMENT BEFORE PROCEEDING WITH

IN THE EVENT THAT CERTAIN FEATURES OF THE CONSTRUCTION ARE NOT FULLY SHOWN ON THE DRAWINGS OR CALLED FOR IN THE GENERAL NOTES OR SPECIFICATIONS, THEIR CONSTRUCTION SHALL BE OF THE SAME CHARACTER AS SHOWN FOR SIMILAR CONDITIONS

BEAMS, JOISTS AND ANY OTHER STRUCTURAL ELEMENTS SHALL NOT BE CUT OR PENETRATED, EXCEPT AS SHOWN IN STRUCTURAL DETAILS OR AS APPROVED BY THE ARCHITECT AND THE STRUCTURAL ENGINEER.

CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN FIELD PRIOR TO POURING CONCRETE; ANY DISCREPANCIES SHALL BE CALLED TO THE ATTENTION OF THE ARCHITECT BEFORE PROCEEDING WITH THE WORK.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MEANS, METHODS, TECHNIQUES AND SEQUENCES OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SAFETY PROGRAMS AND PROCEDURES DURING CONSTRUCTION.

IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ADEQUATELY SHORE AND BRACE THE BUILDING AS REQUIRED DURING CONSTRUCTION THE CONTRACTOR SHALL FOLLOW ALL INSTRUCTIONS, RECOMMENDATIONS AND SAFETY PRECAUTIONS PROVIDED BY THE MANUFACTURER OR SUPPLIER OF ANY

MATERIAL OR PRODUCT NOTED IN GENERAL NOTES OR DRAWINGS. 14. SEE ARCHITECTURAL DRAWINGS FOR DETAILS ON REQUIRED VENTILATION OF ROOF JOISTS, FLOOR JOISTS, AND ATTIC SPACES.

CONTRACTOR SHALL FIELD VERIFY EXISTING FRAMING CONDITIONS AND SHALL NOTIFY ARCHITECT OF ANY VARIATION FROM CONDITIONS ASSUMED ON DRAWINGS. CONTRACTOR SHALL VERIFY THAT EXISTING FRAMING IS RE-SUPPORTED AND ALL LOADS ARE TRANSFERRED TO NEW OR EXISTING FOOTINGS. CONTRACTOR SHALL CONSULT WITH THE STRUCTURAL ENGINEER AS REQUIRED

GRADES SHOWN ON STRUCTURAL DRAWINGS ARE APPROXIMATE AND FOR GENERAL REFERENCE ONLY. MECHANICAL UNIT LOCATIONS SHOWN ON STRUCTURAL DRAWINGS ARE SCHEMATIC

ONLY. GENERAL CONTRACTOR TO COORDINATE STRUCTURAL TRADES WITH MECHANICAL CONTRACTOR TO DETERMINE EXACT LOCATION OF UNITS AND SUPPORTING STRUCTURE DO NOT SCALE DRAWINGS

DESIGN CRITERIA

VERTICAL LOADS:

 A. DEAD LOADS ROOF DEAD LOAD: PSF 20 PSF FLOOR DEAD LOAD: B. LIVE LOADS: ROOF LIVE LOAD: 50 PSF MECHANICAL AREA ON ROOF: (FOR AREA AROUND EQUIPMENT)

TYPICAL FLOORS 50 PSF CORRIDORS AND LOBBIES: 100 PSF C. SPRINKLER DESIGN LOADS: 250 LBS + WEIGHT OF WATER FILLED PIPE

LATERAL LOADS: WIND DESIGN LOADS-PER CBC SECTION 1609 BASIC WIND SPEED EXPOSURE CATEGORY

SEISMIC DESIGN-PER CBC SECTION 1613 RISK CATEGORY SEISMIC DESIGN CATEGORY SITE CLASS FUNDAMENTAL PERIOD T = 0.35 SECONDSBASIC LATERAL FORCE RESISTING SYSTEM-LIGHT FRAMED WALLS W/ WOOD

STRUCTURAL PANELS MAPPED SHORT PERIOD ACCELERATION Ss = 2.23 gSITE COEFFICIENT Fa = 1.00DESIGN SHORT PERIOD ACCELERATION SDS= 1.49 MAPPED ONE SECOND PERIOD ACCELERATION S1 = 0.92 gSITE COEFFICIENT Fv = 1.50

DESIGN ONE SECOND ACCELERATION SD1 = 0.92RESPONSE MODIFICATION FACTOR R = 6.5I= 1.0 IMPORTANCE FACTOR SEISMIC RESPONSE COEFICIENT, (SDS*I/R) Cs = 0.160

BASE SHEAR, V= Cs * W = 0.229 W AT STRENGTH LEVEL MAT DESIGN PARAMETERS AND ALLOWABLE SOIL PRESSURES: SUBGRADE MODULUS 3000 PSF DEAD LOAD DEAD + LIVE LOADS 3000 PSF DEAD + LIVE + LATERAL LOADS 4000 PSF

FOUNDATION NOTES

THE SOIL REPORT APPLICABLE TO THIS PROJECT SITE IS BY ROCKRIDGE GEOTECHNICAL, INC. (REPORT #15-917, DATED AUGUST 13, 2015) AND IS AVAILABLE FOR REVIEW AT THE ARCHITECT'S OFFICE. THE CONTRACTOR SHALL READ THE SOIL REPORT PREPARED FOR THIS PROJECT SITE AND SHALL BE RESPONSIBLE FOR PERFORMING ALL WORK DESCRIBED THEREIN.

FOUNDATION SYSTEM SHALL BE A MAT SLAB WITH THICKENED EDGES. MAT SHALL BEAR ON SELECT FILL AND PROPERLY PREPARED SUBGRADE. FOR BIDDING PURPOSES, THE ELEVATION OF THE BOTTOM OF MAT SHALL BE AS

INDICATED ON THE FOUNDATION PLANS AND ON DETAILS. THICKENED EDGE FOOTINGS SHALL BOTTOM AT LEAST 9 INCHES BELOW ADJACENT EXTERIOR GRADE, AND BELOW AN IMAGINARY LINE EXTENDING AT 1.5:1 (H TO V) FROM THE BOTTOM OF ANY INFILTRATION PLANTERS NEAR THE BUILDING. SLOPE BOTTOM OF MAT EDGE AT 1:10 MAXIMUM SLOPE AS REQUIRED TO SUIT GRADING AND ADJACENT FOOTING CONDITIONS

SOIL BEARING PRESSURES UNDER MAT AS DESIGNED DOES NOT EXCEED ALLOWABLE SOIL PRESSURES DEFINED IN DESIGN CRITERIA ABOVE

FOOTINGS OR THICKENED MAT AREAS SHALL BE CENTERED UNDER BEARING WALLS AND/OR POSTS ABOVE UNLESS OTHERWISE NOTED. WHERE THICKENED AT TIE DOWN RODS, CENTER THICKENED MAT AREA ON THE ROD. SEE ARCHITECTURAL, PLUMBING, MECHANICAL, ELECTRICAL AND ANY OTHER

INCLUDED DRAWINGS, AND CONSULT WITH THE RESPECTIVE TRADES FOR VERIFICATION OF ALL ITEMS SHOWN OR NOT SHOWN ON STRUCTURAL PLANS PRIOR TO POURING CONCRETE MATS AND FLOOR SLABS. VERIFY LOCATIONS FOR OPENINGS OR PENETRATIONS THROUGH CONCRETE.

CONCRETE CURBS, FLOOR DEPRESSIONS, FLOOR SLOPES AND DRAINS, INSERTS, ETC.

CONCRETE NOTES

ALL CONCRETE SHALL BE REINFORCED UNLESS NOTED "NOT REINFORCED". SEE THE CALIFORNIA BUILDING CODE AND THE SPECIFICATIONS FOR THE REQUIREMENTS IN THE PRODUCTION, TESTING AND INSTALLATION OF CONCRETE SEE ARCHITECTURAL DRAWINGS FOR THE LOCATION AND EXTENT OF EXTERIOR WALKS AND PAVEMENTS AND FOR REINFORCEMENT REQUIREMENTS

REINFORCEMENT SHALL BE PER ASTM A615, GRADE 60 WITH BAR MARKS LEGIBLY

ROLLED INTO THE SURFACE INDICATING SIZE, TYPE OF STEEL, AND YIELD STRENGTH DESIGNATION. CONCRETE SHALL TEST NOT LESS THAN 3000 PSI AT 28 DAYS FOR STRUCTURAL AND FOUNDATION ELEMENTS WITH A MAXIMUM SLUMP OF 4". FLOOR MAT SLABS ON GRADE SHALL TEST NOT LESS THAN 3000 PSI AT 28 DAYS UNLESS OTHERWISE

NOTED ON STRUCTURAL DRAWINGS WITH A MAXIMUM SLUMP OF 4". WATER/CEMENT RATIO SHALL NOT EXCEED 0.45 FOR MAT SLAB ON GRADE. PROVIDE 15 MIL VAPOR BARRIER CONFORMING TO ASTM E 1745 CLASS A UNDER

REPLACE A MINIMUM OF 25% AND A MAXIMUM OF 50% OF CEMENT CONTENT WITH FLYASH CONFORMING TO ASTM C618 CLASS C OR F, OR GROUND GRANULATED

BLAST FURNACE SLAG CONFORMING TO ASTM 989, CLASS 100 OR 120. SEE REINFORCING BAR LAP SPLICE SCHEDULE FOR REINFORCING BAR LAP SPLICE LENGTHS. STAGGER SPLICES WHENEVER POSSIBLE. VERTICAL WALL REINFORCING BARS SHALL EITHER EXTEND INTO FOOTINGS OR LAP SPLICED WITH FOOTING DOWELS OF THE SAME SIZE BARS.

REINFORCEMENT, ANCHOR BOLTS, PIPE SLEEVES, AND OTHER INSERTS SHALL BE POSITIVELY SECURED IN PLACE BEFORE CONCRETE IS POURED. "WET-SETTING" WILL NOT BE ALLOWED

REINFORCING BARS WELDED TO STRUCTURAL STEEL SHALL BE SUPPLIED BY REINFORCING BAR SUB-CONTRACTOR AND ALL WELDING SHALL BE DONE BY STRUCTURAL STFFL SUB-CONTRACTOR.

BAR COVERAGE TO FACE OF BAR, EXCEPT AS OTHERWISE SHOWN, SHALL BE: WHERE CONCRETE IS POURED AGAINST EARTH OR AGAINST GROUND CONTACT

FOR BARS LARGER THAN #5, WHERE CONCRETE SURFACES ARE EXPOSED TO EARTH OR TO WEATHER AFTER REMOVAL OF FORMS. FOR #5 BARS OR SMALLER. WHERE CONCRETE SURFACES ARE EXPOSED TO EARTH OR TO WEATHER AFTER REMOVAL OF FORMS

FOR WALL BARS (DOUBLE MAT)* INTERIOR SLAB ON GROUND SHALL BE REINFORCED AS SHOWN ON STRUCTURAL PLANS. LOCATIONS OF CONSTRUCTION JOINTS OTHER THAN SHOWN ON DRAWINGS MUST BE APPROVED BY THE ARCHITECT.

ALL CONCRETE CURBS ARE 6 INCHES HIGH UNLESS OTHERWISE NOTED. 14. THE SURFACE OF ALL CONSTRUCTION JOINTS SHALL BE CLEANED AND ROUGHENED BY REMOVING THE ENTIRE SURFACE AND EXPOSING CLEAN AGGREGATE SOLIDLY

FMBFDDFD IN MORTAR MIX WHERE NEW CONSTRUCTION IS INTEGRATED WITH EXISTING CONCRETE CONSTRUCTION. CARE SHALL BE TAKEN SO AS NOT TO DAMAGE EXISTING REMAINING CONCRETE AND REINFORCING. WHERE NEW CONCRETE ABUTS EXISTING CONCRETE, CLEAN EXISTING CONCRETE SURFACE WITH HIGH PRESSURE WATER SPRAY. APPLY APPROVED BONDING AGENT TO SURFACE OF EXISTING CONCRETE

HOLES FOR GROUTED ANCHORS SHALL BE DRILLED WITH ROTARY HAMMER OR OTHER SUITABLE METHODS TO ENSURE EXISTING REINFORCEMENT IS NOT DAMAGED HOLE DIAMETER SHALL BE 1/8" GREATER THAN ANCHOR ROD DIAMETER, UNLESS OTHERWISE NOTED. GROUT SHALL BE NON-SHRINK EPOXY. LOCATE EXISTING REINFORCING BARS PRIOR TO DRILLING HOLES. DO NOT DAMAGE EXISTING REINFORCING. METHOD OF LOCATING EXISTING REINFORCING BARS SHALL BE APPROVED BY THE STRUCTURAL ENGINEER. ALL MIS-DRILLED OR UNACCEPTABLE HOLES SHALL BE GROUTED SOLID.

SILLS ON CONCRETE SHALL BE PRESSURE TREATED DOUGLAS FIR LARCH 3x THICK AT ALL EXTERIOR WALLS AND INTERIOR SHEAR WALLS NOTED ON PLAN. ALL OTHER SILLS ON CONCRETE MAY BE PRESSURE TREATED DOUGLAS FIR LARCH 2x THICK. THEY SHALL BE ANCHORED WITH 5/8" DIAMETER MACHINE BOLTS WITH 7" EMBEDMENT. AT SHEAR WALLS, BOLTS SHALL HAVE NUT, CUT WASHER AND SIMPSON BPS 5/8-6 BEARING PLATE. AT NON-SHEAR WALLS, BEARING PLATE IS NOT REQUIRED. LOCATE BOLTS 6" MINIMUM AND 12" MAXIMUM FROM EACH END OF EACH STICK AND NOT OVER 48" ON CENTER BETWEEN. SEE SHEAR WALL SCHEDULE FOR SPECIFIC SPACING OF ANCHOR BOLTS WHICH MAY BE NOTED AS LESS THAN 48" ON CENTER. THERE SHALL BE AT LEAST 2 BOLTS IN EACH STICK. WHERE NOTCHES FOR PIPES, ETC., EXCEED 1/3 THE WIDTH OF THE SILL, PLACE A BOLT WITHIN 6" OF EACH SIDE OF NOTCH. TIEDOWN BOLTS SHALL NOT BE

CONSIDERED AS SILL BOLTS. FRAMING LUMBER: DOUGLAS FIR-LARCH, MANUFACTURED AND GRADED IN ACCORDANCE WITH THE WEST COAST LUMBER INSPECTION BUREAU "STANDARD GRADING RULES NO. 17", LATEST EDITION INCLUDING ALL SUPPLEMENTS.

STRUCTURAL LIGHT FRAMING: NO. 1, 2" TO 4" THICK NO. 1, FREE OF HEART CENTER, 5" AND THICKER BEAMS: POSTS: STUDS: 2x4 OR 3x4 - CONSTRUCTION

2x6 AND LARGER - NO. 2 ALL FRAMING LUMBER SHALL BE HAVE A MAXIMUM MOISTURE CONTENT OF 19 PERCENT AT TIME OF INSTALLATION.

STUD AND POST SIZES: SEE SCHEDULE BLOCKING AND BRIDGING - PROVIDE AS FOLLOWS:

A. 2x SOLID BLOCKING BETWEEN JOISTS AND RAFTERS OVER SUPPORT. 2x SOLID BLOCKING BETWEEN JOISTS AND RAFTERS NOT OVER 8'-0" ON CENTER NOR MORE THAN 8'-0" FROM SUPPORT

OMIT BLOCKING BETWEEN CEILING JOISTS AND RAFTERS 2x8 AND SMALLER. PIPES EXCEEDING ONE-THIRD OF THE PLATE WIDTH SHALL NOT BE PLACED IN PARTITIONS USED AS BEARING OR SHEAR WALLS, UNLESS OTHERWISE DETAILED OR COMPLETELY FURRED CLEAR OF THE STUDS. PIPES SHALL PASS THROUGH THE CENTER OF THE PLATES USING A NEATLY BORED HOLE. NO NOTCHING WILL BE ALLOWED.

LAG SCREWS SHALL BE SCREWED (NOT DRIVEN) INTO PLACE. DRILL HOLES SAME DIAMETER AND DEPTH AS SHANK. THEN DRILL HOLE 60-70% OF DIAMETER AT BASE OF THREAD FOR THE THREADED PORTION. USE STEEL PLATE WASHERS AS REQUIRED FOR THE SAME BOLT SIZE.

BOLTS IN WOOD SHALL BE MACHINE BOLTS UNLESS OTHERWISE NOTED. ALL MACHINE BOLTS SHALL HAVE CUT THREADS.

BOLT HOLES IN WOOD AND STEEL SHALL BE THE DIAMETER OF THE BOLT PLUS 10. PROVIDE PLATE WASHER UNDER HEAD AND NUT OF BOLT WHERE BEARING IS AGAINST WOOD (INCLUDING HOLDOWN BOLTS). LENGTH OF THREAD SHALL BE SUCH THAT THREADS DO NOT BEAR AGAINST WOOD. ALL NUTS SHALL BE TIGHTENED WHEN PLACED AND RE-TIGHTENED AT COMPLETION OF THE JOB IMMEDIATELY

BEFORE CLOSING WITH FINISH CONSTRUCTION. CONNECTORS FOR WOOD CONSTRUCTION NOTED ON PLANS AND DETAILS SHALL BE SIMPSON COMPANY STRONG-TIE CONNECTORS OR APPROVED EQUAL STUDS SHALL BE ONE PIECE BETWEEN FLOORS AND FROM FLOOR TO ROOF. ALIGN

CENTERLINE OF STUDS WITH CENTERLINE OF FLOOR JOISTS. ALIGN CENTERLINE OF STUDS FOR FULL HEIGHT OF STRUCTURE TYPICAL. ALL POSTS SHALL BE FULL HEIGHT FROM FOUNDATION TO ROOF. WHERE POSTS ARE DISCONTINUOUS AT JOIST SPACE AND/OR FROM TOP OF BEAMS/HEADERS TO LOWER TOP PLATE, BLOCK THIS SPACE WITH STUD POST

14. ALL NON-BEARING PARTITIONS SHALL HAVE DOUBLE JOISTS BELOW WHERE PARTITIONS ARE PARALLEL TO JOISTS, AND FULL DEPTH 2x BLOCKING BELOW WHERE PARTITIONS ARE PERPENDICULAR TO JOISTS 15. JOISTS SUPPORTING MECHANICAL EQUIPMENT SHALL BE DOUBLE JOISTS (DJ)

UNLESS NOTED OTHERWISE. FASTENERS PENETRATING PRESSURE-PRESERVATIVE TREATED AND FIRE-RETARDANT TREATED WOOD SHALL BE HOT-DIPPED GALVANIZED PER ASTM A153, CLASS D.

PLYWOOD SHEATHING NOTES ROOF, FLOORS, ALL EXTERIOR WALLS AND INTERIOR SHEAR WALLS (WHERE NOTED ON STRUCTURAL PLANS) SHALL BE SHEATHED WITH DOUGLAS FIR PLYWOOD WITH EXTERIOR GLUE AS FOLLOWS: 5/8" T&G, APA STRUCTURAL I RATED SHEATHING, 40/20,

EXPOSURE 1 3/4" T&G, APA STRUCTURAL I RATED SHEATHING, 48/24, FLOOR: EXPOSURE 1

AN UNBROKEN LAYER OF MOISTURE—TIGHT PAPER UNDER LATHING

1/2", APA STRUCTURAL I RATED SHEATHING, 32/16, EXPOSURE 1 ALL EXTERIOR WALLS SHALL BE SHEATHED WITH PLYWOOD. ALL PLYWOOD SHEATHING USED STRUCTURALLY SHALL EXTEND CONTINUOUSLY BEHIND ALL FINISH. WHERE IT IS TO BE PLASTERED, IT SHALL BE PROTECTED BY

IN GENERAL, PLYWOOD SHEETS SHALL BE 4'-0" x 8'-0". MINIMUM SHEET DIMENSION IS 24 INCHES, UNLESS ALL EDGES ARE FULLY SUPPORTED BY FRAMING MEMBERS OR BLOCKING. THE LONG DIMENSION MAY BE LAID EITHER HORIZONTALLY OR VERTICALLY AT WALLS. ROOF AND FLOOR SHEETS SHALL BE LAID WITH FACE PLIES ACROSS JOISTS OR FRAMING MEMBERS AND WITH END JOINTS STAGGERED 4'-0". USE PLYCLIPS HALFWAY BETWEEN EACH SUPPORT AT UNBLOCKED ROOFS ALL PLYWOOD JOINTS SHALL BE ACCURATELY CENTERED ON SUPPORTING ELEMENTS, INCLUDING BLOCKING. BLOCKING BETWEEN JOISTS FOR PLYWOOD EDGE NAILING SHALL BE 3x4 MINIMUM FLAT BLOCKING, EXCEPT WHERE DETAILED OTHERWISE. ROOF AND FLOOR PLYWOOD MAY BE UNBLOCKED. GLUE FLOOR PLYWOOD TO ALL SUPPORTS INCLUDING BLOCKING WITH AN ADHESIVE RECOMMENDED BY THE AMERICAN PLYWOOD ASSOCIATION FOR THIS PURPOSE.

NAILING NOTES

ALL NAILS SHALL BE COMMON WIRE NAILS. WHERE NAILS TEND TO SPLIT THE WOOD, NAIL HOLES SHALL BE PRE-DRILLED. NAILS AT PRESSURE TREATED WOOD SHALL BE HOT DIP GALVANIZED

PROVIDE MINIMUM NAILING REQUIREMENTS AS SET FORTH IN CALIFORNIA BUILDING CODE TABLE 2304.9.1 EXCEPT THAT BOX NAILS SHALL NOT BE USED.

PLYWOOD NAILING: AT ROOF: 5/8" PLYWOOD WITH 10d @ 4" ON CENTER ALONG SUPPORTED PANEL EDGES AND WHERE NOTED ON PLANS AND DETAILS AS EDGE NAILING (EN) AND 10d @ 12" ON CENTER ALONG INTERMEDIATE FRAMING MEMBERS.

AT FLOOR: 3/4" T&G PLYWOOD WITH 10d @ 4" ON CENTER ALONG SUPPORTED PANEL EDGES AND WHERE NOTED ON PLANS AND DETAILS AS EDGE NAILING (EN) AND 10d @ 10" ON CENTER ALONG INTERMEDIATE FRAMING MEMBERS. USE DEFORMED SHANK NAILS.

AT WALLS: SEE SHEAR WALL SCHEDULE. MAINTAIN ACCURATE NAIL SPACING AS INDICATED. NAIL SPACING CLOSER THAN SPECIFIED WILL BE CAUSE FOR REJECTION OF THE WORK.

NAILS PENETRATING PRESSURE-PRESERVATIVE TREATED AND FIRE-RETARDANT TREATED WOOD SHALL BE HOT-DIPPED GALVANIZED PER ASTM A153, CLASS D.

STRUCTURAL GLUED LAMINATED MEMBER NOTES

ALL STRUCTURAL GLUED LAMINATED MEMBERS SHALL BE COMBINATION 24F-V4 DF/DF AT SIMPLY SUPPORTED CONDITIONS AND 24F-V8 DF/DF AT CANTILEVERED OR CONTINUOUS APPLICATIONS. FABRICATED AND ERECTED IN ACCORDANCE WITH ANSI/ASTM STANDARD A190.1 AND ASTM D3737

ALL STRUCTURAL GLUED LAMINATED MEMBERS EXPOSED TO THE WEATHER SHALL BE COMBINATION 20F/V12 AC/AC WITH A MINIMUM OF 90% HEARTWOOD.

ADHESIVE SHALL BE EXTERIOR TYPE ADHESIVE MEETING REQUIREMENTS OF U.S. COMMERCIAL STANDARD PS-56 AND ASTM 2559.

PARALLAM PSL, MICROLLAM LVL AND TIMBERSTRAND LSL NOTES

ALL PARALLAM PARALLEL STRAND LUMBER, MICROLLAM LAMINATED VENEER LUMBER AND TIMBERSTRAND LAMINATED STRAND LUMBER MEMBERS SHALL BE AS MANUFACTURED BY TRUS JOIST OR APPROVED EQUAL AND SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH ICC ES ESR-1387.

PARALLAM MEMBERS SHALL HAVE THE FOLLOWING PROPERTIES: ALLOWABLE FLEXURAL STRESS: 2900 PSI ALLOWABLE SHEAR STRESS: 290 PSI 2,000,000 PSI MODULUS OF ELASTICITY:

TIMBERSTRAND MEMBERS SHALL HAVE THE FOLLOWING PROPERTIES: ALLOWABLE FLEXURAL STRESS: 2325 PSI ALLOWABLE SHEAR STRESS: 310 PSI 1,550,000 PSI MODULUS OF ELASTICITY:

MICROLLAM MEMBERS SHALL HAVE THE FOLLOWING PROPERTIES: ALLOWABLE FLEXURAL STRESS: 2600 PSI ALLOWABLE SHEAR STRESS: 285 PSI

1,900,000 PSI MODULUS OF ELASTICITY: DO NOT USE PARALLAM MICROLLAM OR TIMBERSTRAND MEMBERS WHERE THEY MAY BE EXPOSED TO THE WEATHER. PROTECT THESE MEMBERS FROM MOISTURE UNTIL CLOSED IN WITH FINISH CONSTRUCTION.

PRE-ENGINEERED I-JOIST NOTES ALL PREFABRICATED TRUSS JOISTS SHALL BE WEYERHAEUSER UNLESS OTHERWISE

TJI JOIST SERIES SHALL CONFORM TO ICC ES ESR-1387 AND ICC ES ESR-1153. TAPERED ROOF I JOISTS SHALL BE REDBUILT PER ICC ES ESR-2993 AND ICC ES

TEMPORARY BRACING AND BRIDGING PER MANUFACTURER'S RECOMMENDATIONS SHALL BE INSTALLED TO HOLD TRUSS JOIST TRUE AND PLUMB UNTIL PERMANENT ROOF SHEATHING IS INSTALLED.

ANCHOR TIEDOWN SYSTEM NOTES MULTI-STORY HOLDOWN ANCHOR TIEDOWN SYSTEM SHALL BE BY SIMPSON STRONG-TIE COMPANY, INC. OR APPROVED EQUAL. ANCHOR TIEDOWN SYSTEM SHALL BE ERECTED IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS

AND ICBO ER 5090. TYPICAL DETAILS PROVIDED ARE FOR REFERENCE ONLY. CONTRACTOR SHALL INSTALL ALL HARDWARE AS REQUIRED TO CONFORM WITH MANUFACTURER'S SPECIFICATIONS

SUBMIT SHOP DRAWINGS FOR APPROVAL PRIOR TO COMMENCEMENT OF INSTALLATION.

GROUTED ANCHORS AND DOWELS IN HARDENED CONCRETE

GROUT FOR SETTING ANCHORS OR DOWELS IN HARDENED CONCRETE SHALL BE SIMPSON SET-XP (PER ESR-2508), HILTI HIT RE-500SD (PER ESR-2322), OR APPROVED EQUAL.

HOLES FOR GROUTED ANCHORS SHALL BE DRILLED WITH ROTARY HAMMER OR OTHER SUITABLE METHODS TO ENSURE EXISTING REINFORCEMENT IS NOT DAMAGED. HOLE DIAMETER SHALL BE AS REQUIRED BY MANUFACTURER. LOCATE EXISTING REINFORCING BARS PRIOR TO DRILLING HOLES. DO NOT DAMAGE EXISTING REINFORCING. METHOD OF LOCATING EXISTING REINFORCING BARS SHALL BE APPROVED BY THE STRUCTURAL ENGINEER. ALL MIS-DRILLED OR UNACCEPTABLE HOLES SHALL BE GROUTED SOLID.

USE SCREEN TUBE WHERE REQUIRED BY EPOXY MANUFACTURER IN HOLLOW MASONRY OR BRICK CONSTRUCTION. VERIFY HOLE DIAMETER FOR SCREEN TUBE PRIOR TO DRILLING.

JOB TESTING AND INSPECTION: CONTINUOUS SPECIAL INSPECTION OF ALL GROUTED ANCHOR AND DOWEL INSTALLATION IS REQUIRED. TESTING SHALL BE AS FOLLOWS: A. THREADED RODS: TEST FIRST 5 INSTALLED RODS OF EACH SIZE TO TENSION PROOF LOAD SHOWN ON GROUTED ANCHOR SCHEDULE. IF ALL PASS, TEST 5% OF REMAINING RODS. IF ANY ROD FAILS, TEST ALL RODS UNTIL 10 SUCCESSFUL CONSECUTIVE TESTS ARE MADE, THEN RESUME 5% TESTING FREQUENCY. THE LOAD TEST SHALL BE PERFORMED IN THE PRESENCE OF

THE PROJECT INSPECTOR. B. HOLDOWN ANCHORS: TEST 100% OF ANCHORS USED TO TENSION PROOF LOAD PER TABLE ON TYPICAL HOLDOWN DETAIL

C. REINFORCING BAR ANCHORS, #5 AND LARGER: TEST PER THREADED ROD REQUIREMENTS ABOVE D. REINFORCING BAR ANCHORS #4 AND SMALLER: NO TESTING REQUIRED. VISUAL OBSERVATION ONLY.

STRUCTURAL STEEL NOTES

STRUCTURAL STEEL SHALL BE ASTM A36 UNLESS OTHERWISE NOTED. ALL W AND WT SHAPES SHALL BE ASTM A992. ALL HOLLOW STEEL SECTIONS SHALL BE ASTM A1085. ALL STEEL PIPE SECTIONS SHALL BE ASTM A1085.

ALL STRUCTURAL STEEL SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH AISC SPECIFICATIONS, LATEST EDITION.

ALL BOLTED CONNECTIONS STEEL TO STEEL SHALL BE MADE WITH 1" DIAMETER HIGH-STRENGTH (A325-X) BOLTS UNLESS OTHERWISE NOTED. ANCHOR BOLTS SHALL BE ASTM F1554, Fy=36 KSI. THREADED RODS SHALL BE PER ASTM A193 GRADE B7

ALL WELDING SHALL BE DONE BY CERTIFIED WELDERS. ALL TESTING AND INSPECTION OF SHOP AND FIELD WELDING OPERATIONS SHALL BE

MADE BY A CERTIFIED WELDING INSPECTOR. A. ALL WELDS SHALL BE TESTED AND INSPECTED IN ACCORDANCE WITH THE SPECIFICATIONS, THE CALIFORNIA BUILDING CODE

AWS D1.1, AS WELL AS D1.8 FOR SEISMIC ELEMENTS. ALL WELDING ELECTRODES SHALL BE E70 SERIES. THE WELDING INSPECTOR SHALL CHECK THE WELDER'S CERTIFICATION, MATERIAL, EQUIPMENT, FIT UP AND PROCEDURES AS WELL AS THE WELDS. THE INSPECTOR SHALL USE ALL MEANS NECESSARY TO DETERMINE THE QUALITY OF THE WELDS, INCLUDING THE USE OF GAMMA RAY, MAGNAFLUX, TREPANNING, SONICS OR ANY OTHER AID TO VISUALLY INSPECT AND TO ASCERTAIN THE ADEQUACY OF THE WELDING. THE INSPECTOR SHALL FURNISH THE ARCHITECT AND THE STRUCTURAL ENGINEER WITH A REPORT VERIFYING THAT ALL WELDS HAVE BEEN DONE IN CONFORMITY WITH THE PLANS, SPECIFICATIONS, AWS D1.1 AND ANY APPLICABLE CODES. UNLESS NOTED OTHERWISE ON THE DRAWINGS, THE FABRICATION AND ERECTION REQUIREMENTS MAY DICTATE FIELD WELDING AND/OR SHOP WELDING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE METHOD OF WELDING TO FULFILL THESE REQUIREMENTS. ALL ASSOCIATED COSTS SHALL BE INCLUDED IN THE CONTRACT PRICE.ALL WELDS USED IN MEMBERS AND CONNECTIONS IN THE SEISMIC LOAD RESISTING SYSTEM AS DEFINED ON THE PLANS SHALL BE MADE WITH A FILLER METAL THAT CAN PRODUCE WELDS THAT HAVE A MINIMUM CHARPY V-NOTCH TOUGHNESS OF 20 FT-LB AT 0 DEGREES FAHRENHEIT AS DETERMINED BY THE APPROPRIATE AWS A5 CLASSIFICATION TEST METHOD OR MANUFACTURER CERTIFICATION

SUBMIT SHOP DRAWINGS TO ARCHITECT FOR REVIEW PRIOR TO FABRICATION. SHOP DRAWINGS SHALL INCLUDE ITEMS REQUIRED BY THE SPECIFICATIONS AND THE FOLLOWING:

CONNECTION MATERIAL SPECIFICATIONS AND SIZES WELDING REQUIREMENTS AS SPECIFIED IN APPENDIX W OF AISC 341-05. WHERE CLOSER THAN AISC TOLERANCES ARE NECESSARY, SUCH AS FOR ALIGNMENT OF STEEL STUDS, MULLIONS, GFRC PANELS, ETC., FIELD WELDING WILL BE REQUIRED TO MEET THE NECESSARY TOLERANCES WITH NO ADDITIONAL COSTS TO THE OWNER.

USE ONE TYPE OF WELDING ELECTRODE THROUGHOUT ANY ONE CONNECTION. WELDING OF REINFORCING STEEL TO STRUCTURAL STEEL SHALL BE DONE BY STRUCTURAL STEEL SUB-CONTRACTOR.

BOLT HOLES IN STEEL SHALL BE 1/16" OVERSIZE UNLESS OTHERWISE NOTED. 12. STRUCTURAL STEEL CONTRACTOR SHALL EXCHANGE SHOP DRAWINGS WITH STEEL DECK SUB-CONTRACTOR FOR COORDINATION.

EXPANSION ANCHORS IN HARDENED CONCRETE

INSTALLATION: THE ANCHORS MUST BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS GIVEN IN ICBO RESEARCH COMMITTEE RECOMMENDATIONS FOR THE

HOLES FOR EXPANSION ANCHORS SHALL BE DRILLED WITH ROTARY HAMMER OR OTHER SUITABLE METHODS TO ENSURE EXISTING REINFORCEMENT IS NOT DAMAGED. HOLE DIAMETER SHALL BE AS REQUIRED BY MANUFACTURER. LOCATE EXISTING REINFORCING BARS PRIOR TO DRILLING HOLES. DO NOT DAMAGE EXISTING REINFORCING. METHOD OF LOCATING EXISTING REINFORCING BARS SHALL BE APPROVED BY THE STRUCTURAL ENGINEER. ALL MIS-DRILLED OR UNACCEPTABLE HOLES SHALL BE GROUTED SOLID.

JOB TESTING AND INSPECTION: CONTINUOUS VISUAL INSPECTION OF ANCHOR INSTALLATION IS REQUIRED. TEST FIRST TEN INSTALLED ANCHORS OF EACH SIZE TO TENSION PROOF LOAD. IF ALL PASS, TEST 10% OF REMAINING ANCHORS. IF ANY ANCHOR FAILS, TEST ALL ANCHORS UNTIL 10 SUCCESSFUL CONSECUTIVE TESTS ARE MADE, THEN RESUME 10% TESTING FREQUENCY. THE LOAD TEST SHALL BE PERFORMED IN THE PRESENCE OF THE PROJECT INSPECTOR. THE LOAD MAY BE APPLIED BY ANY METHOD THAT WILL EFFECTIVELY MEASURE THE TENSION IN THE ANCHOR, SUCH AS DIRECT PULL WITH A HYDRAULIC JACK, A TORQUE WRENCH CALIBRATED USING THE SPECIFIC ANCHOR, CALIBRATED SPRING-LOADED DEVICES, ETC. ANCHORS IN WHICH THE TORQUE IS USED TO EXPAND THE ANCHOR WITHOUT

APPLYING TENSION TO THE BOLT MAY NOT BE VERIFIED WITH A TORQUE WRENCH. ALL EXPANSION ANCHORS IN CONCRETE SHALL BE HILTI KB-TZ, (PER ESR-1917) OR APPROVED EQUAL.

TEST INSPECTOR SHALL VERIFY ALL EXPANSION ANCHORS NOT TENSION LOAD TESTED FOR MINIMUM INSTALLATION TORQUE NOTED IN SCHEDULE BELOW. TENSION PROOF LOAD SHALL BE BY AN INDEPENDENT TESTING LABORATORY

EXPANSION ANCHOR BOLT SCHEDULE CARBON STEEL (CS) AND STAINLESS STEEL (SS) HILTI KB-TZ IN NORMAL WEIGHT CONCRETE WITH f'c = 3000 psi:

TENSION-PROOF MINIMUM INSTALLATION MINIMUM EFFECTIVE ALLOWABLE STATIC DIAMETER HOLE DEPTH EMBEDMENT LOAD (LBS) TORQUE (FT-LBS) 3/8" 2.62" 2.00" 1054(CS)/1086(SS) 2108 1/2" 4.00" 3.25" 2500(CS)/2533(SS) 4648 40 5/8" 4.75" 4.00" 60 3458(CS)/2970(SS) 6916 4475(CS)/4475(SS) 8950 3/4" 5.75" 4.75"

TESTS, INSPECTIONS AND OBSERVATIONS NOTES TESTS AND INSPECTIONS SHALL BE PROVIDED FOR ALL ITEMS AS REQUIRED BY THE FTG CALIFORNIA BUILDING CODE. SEE STATEMENT OF SPECIAL INSPECTIONS FOR REQUIREMENTS.

THE OWNER SHALL BE RESPONSIBLE FOR RETAINING AN INDEPENDENT TESTING AND INSPECTION LABORATORY TO PERFORM ALL REQUIRED TESTING AND INSPECTIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING THE TESTING AND INSPECTION LABORATORY WITH CONSTRUCTION SCHEDULES TO ENSURE PROPER

COORDINATION OF WORK. 4. IN ADDITION TO SPECIAL INSPECTIONS, THE FOLLOWING SPECIFIED ITEMS SHALL HAVE PERIODIC STRUCTURAL OBSERVATION BY THE STRUCTURAL ENGINEER OF RECORD:

 A. REINFORCING STEEL HOLDOWNS IN WALLS AND CONCRETE NAILING OF PLYWOOD ON WALLS, FLOORS AND ROOFS

STRUCTURAL STEEL CONSTRUCTION THE CONTRACTOR SHALL NOTIFY THE STRUCTURAL ENGINEER OR INSPECTOR A MINIMUM OF 48 HOURS (EXCLUDING WEEKEND DAYS) PRIOR TO THE TIME OF A REQUIRED INSPECTION.

DEFERRED APPROVALS

SHOP DRAWINGS AND CALCULATIONS STAMPED AND SIGNED BY A CALIFORNIA-LICENSED ENGINEER SHALL BE SUBMITTED TO THE ARCHITECT AND BUILDING DEPARTMENT FOR THE FOLLOWING ITEMS:

TAPERED PRE-ENGINEERED I-JOISTS.

MFR **EXISTING** MIN MISC MTL ANCHOR BOLT ASPHALT CONCRETE ADDITIONAL NOM ADJACENT NTS ABOVE FINISH FLOOR **ALTERNATE APPROX APPROXIMATE** ARCH ARCHITECT OR ARCHITECTURAL ATS ANCHOR TIEDOWN SYSTEM ATTENTION OPNG BUILDING BLOCK **BLOCKING** BLKG BOTTOM OF BOTH SIDES BETWEEN CONTROL JOINT CALIFORNIA BUILDING CODE CONSTRUCTION JOINT PROP CENTERLINE CEILING CONCRETE MASONRY UNIT CMU COLUMN. CONCRETE OR CONCENTRATED CONDITION CONNECTION CONT CONTINUOUS COMPLETE PENETRATION WELD COUNTERSINK DIAMETER OR PENNY RDP REF RECT DEMO DEMOLISH REINF REQD DOUGLAS FIF DIAMETER DIAG DIAGONAL DIMENSION(S SAD DOUBLE JOIS DEAD LOAD SCHED DITTO

SYMBOLS AND ABBREVIATIONS

SECTION A ON DRAWING S2.1

NUMBER OR POUND

A/S2.1

PLYWOOD EDGE NAILING REGISTERED DESIGN PROFESSIONAL REFERENCE RECTANGULAR REINFORCING REQUIRED RET WALL RETAINING WALL REDWOOD LUMBER SEE ARCHITECTURAL DRAWING OR SEE ARCHITECTURAL DETAIL SEE CIVIL/SITE DRAWINGS SCHEDULE SEC SED SEE ELECTRICAL DRAWINGS **DETAILS** SHT SHFFT DWG(S) DRAWING(S) SHTG SHEATHING SEE LANDSCAPE DRAWINGS EXPANSION BOLT SMD SEE MECHANICAL DRAWINGS EACH END OR SEE MECHANICAL DETAIL FACH FACE SMS SHEET METAL SCREW EXPANSION JOINT SOG SLAB ON GRADE ELEVATION SPD SEE PLUMBING DRAWINGS ELECTRICAL SPEC(S) SPECIFICATION(S) ELEVATOR SQUARE **EMBED** EMBEDMENT SOLID SAWN EDGE NAILING STAG STAGGERED ENGINEER STANDARD STD STIFF STIFFENER **EQUIPMENT** STEEL EACH SIDE STRUCTURAL STRUCT

ETCETERA SW SHEAR WALL EACH WAY SHEAR WALL LENGTH **FXCAVATE** SYM SYMMETRICAL EXTERIOR TIE BEAM **FOUNDATION** T&B TOP & BOTTOM FINISH FLOOR **TDS** TIEDOWN SYSTEM FINISH T&G TONGUE & GROOVE FI OOR THK FACE OF CONCRETE THRU THROUGH FACE OF MASONRY TN **TOENAIL** FACE OF STUD T.O. TOP OF FAR SIDE TOP OF CONCRETE TOC TOF TOP OF FOOTING FOOTING TOP OF PARAPET

TOM TO PW TOP OF PLYWOOD GAGE, GAUGE TOS TOP OF STEEL OR SLAB GALVANIZED TOP OF WALL GRADE BEAM TYP TYPICAL GLUED LAMINATED GYP BD GYPSUM BOARD UNLESS OTHERWISE NOTED UON HOLDOWN

VENT HOT-DIPPED GALVANIZED VERT HEADER VIF HANGER HORIZONTAL HIGH POINT HIGH STRENGTH BOLT HOLLOW STEEL SECTION

INSIDE DIAMETER INSIDE FACE INTERIOR INVERT

JOIST

JOINT(S)

VENEER LUMBER

FLR

FOC

F0S

HDG

HDR

HGR

HOR

HSB

HSS

INT

INV

JST

LSL

PRE-ENGINEERED SPECIAL MOMENT RESISTING FRAMES. ANCHOR TIE-DOWN SYSTEM.

JT(S) KIPS (1000 LBS) POUNDS LONG LEG HORIZONTAL LONG LEG VERTICAL LOW POINT TIMBERSTAND LAMINATED NEW FOUNDATION CONCRETE STRAND LUMBER LTWT LIGHTWEIGHT MICROLLAM LAMINATED

MANUFACTURER MINIMUM **MISCELLANEOUS** 655 Montgomery Stree San Francisco, California NOT IN CONTRACT NOMINA NOT TO SCALE tel: (415)957-2750 NEAR SIDE fax: (415)957-2780 ORIENTED STRAND BOARD ON CENTER OUTSIDE DIAMETER OPPOSITE HAND OPENING OPPOSITE No. S03527 QUALITY ASSURANCE PROGRAM (# = NOMINAL DIAMETER)

MATERIAL

MAXIMUM

MACHINE BOLT

MECHANICAL

PFRFORATED

PROPERTY

PARTITION

VENTILATION

VERIFY IN FIELD

WIDE FLANGE

WATERPROOF OR WORK POINT

CONTINUOUS WOOD MEMBER

NEW STUD WALL IN PLAN

PLYWOOD SHEAR WALL MARK

DENOTES MINIMUM LENGTH OF

WALL (SAD FOR ACTUAL LENGTH)

SEE SHEAR WALL SCHEDULE

NON-CONTINUOUS WOOD MEMBER

WELDED WIRE FABRIC

WELDED WIRE MESH

VERTICAL

WOOD

WITHOUT

WFIGHT

IN SECTION

IN SECTION

IN PLAN

WT

 $>\!\!<$

POWDER DRIVEN FASTENER

PREDEFLECTED HOLDOWN

PARTIAL PENETRATION WELD

POUNDS PER SQUARE FEET

POUNDS PER SQUARE INCH

POWDER DRIVEN PIN

PARALLAM PARALLEL

PRESSURE TREATED

DOUGLAS FIR LUMBER

STRUCTURAL PLYWOOD

STRAND LUMBER

MATL

MECH

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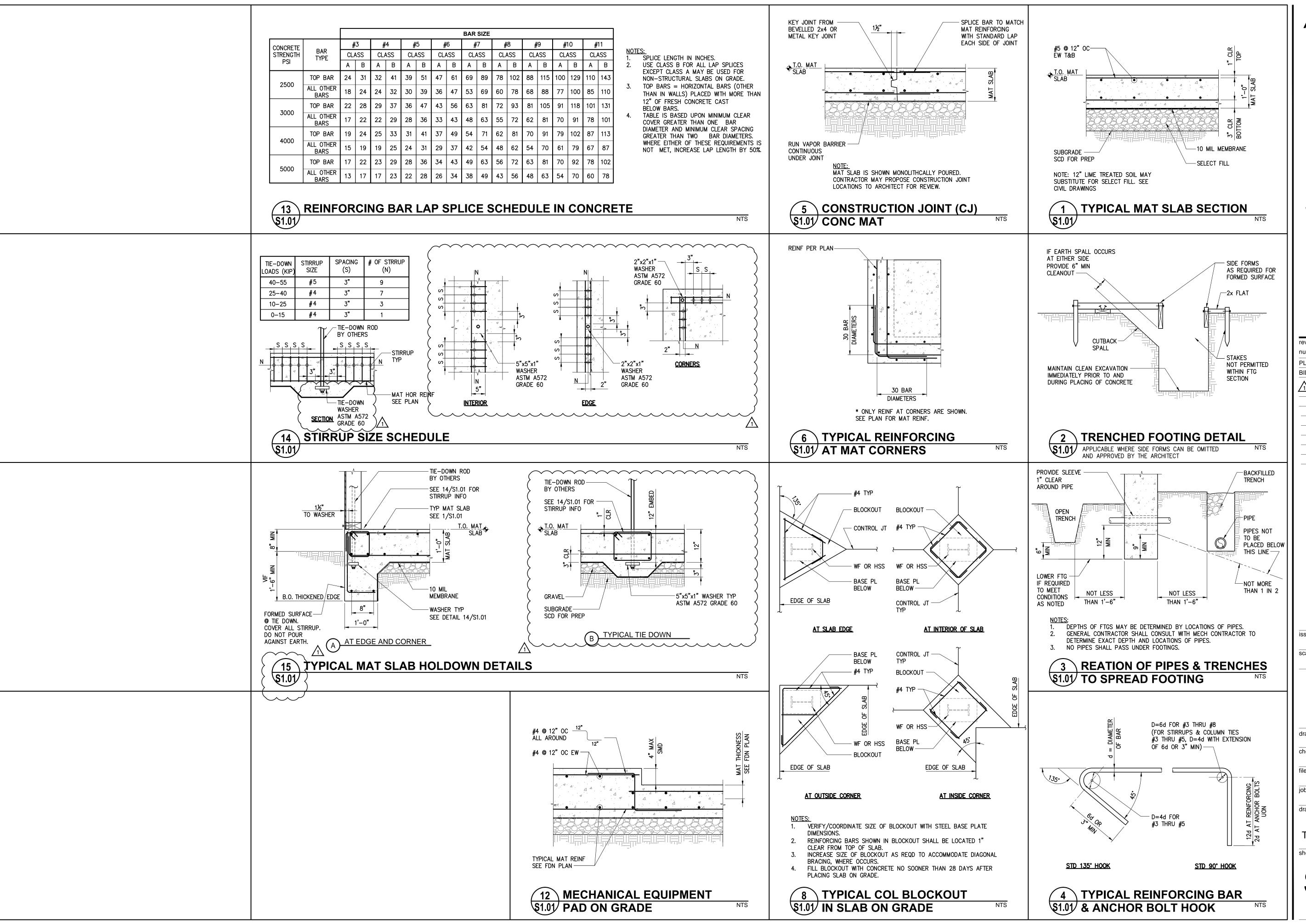
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XG, AI checked JL file name job number

drawing **GENERAL NOTES &** ABBREVIATIONS

201517.00

sheet number



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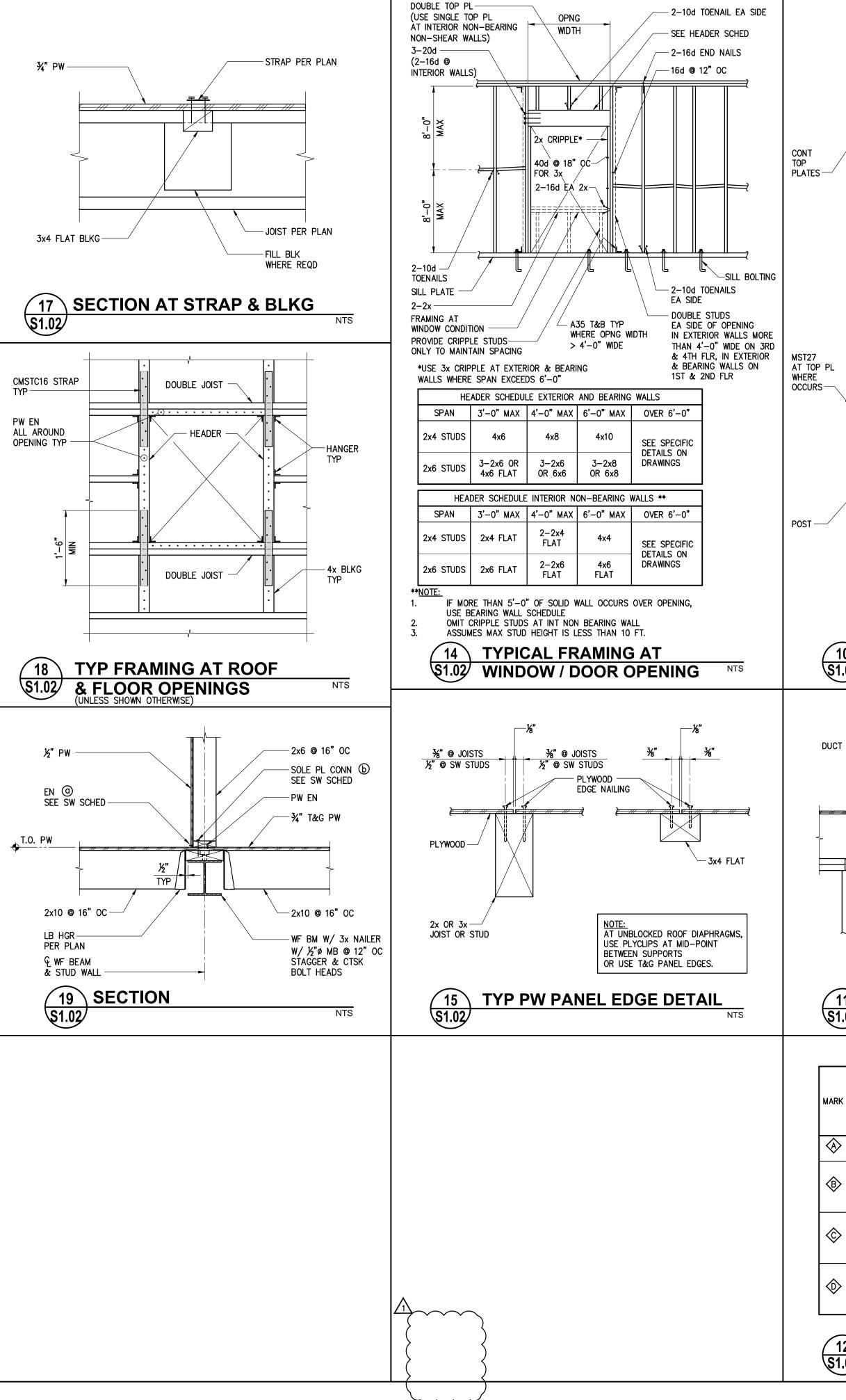
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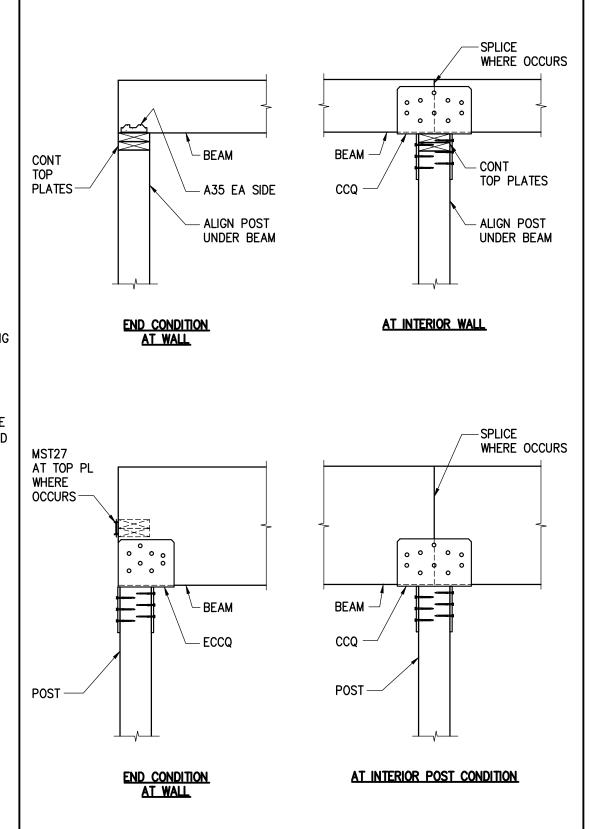
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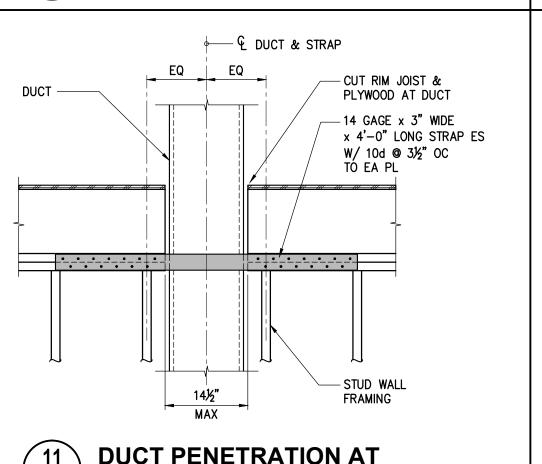
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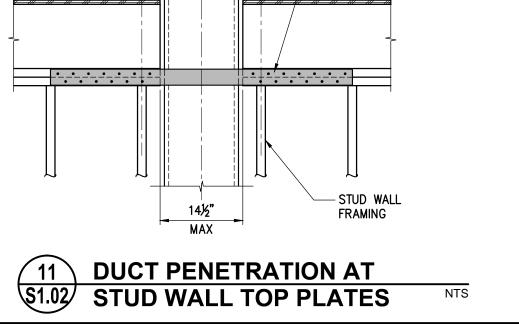
CONCRETE TYPICAL DETAILS

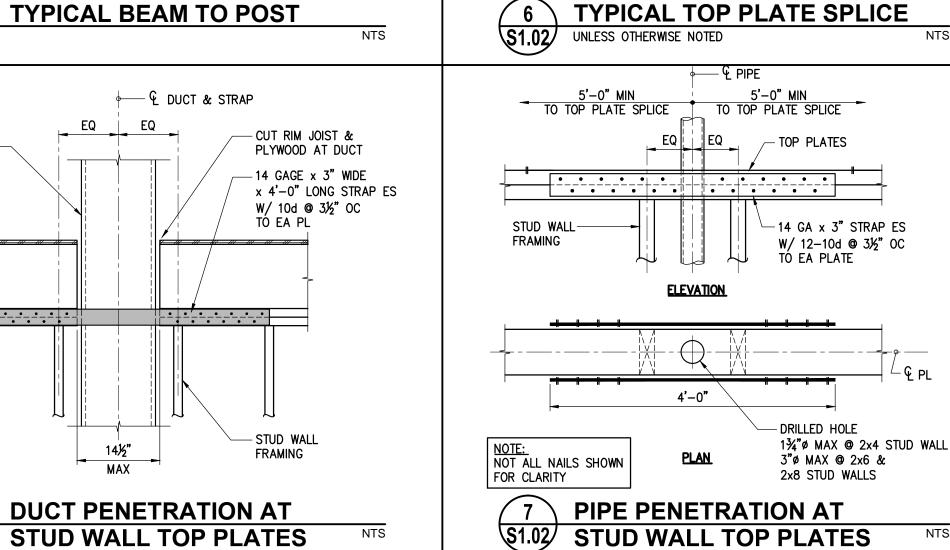
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SPLICE OVER-

AT INTERSECTING WALLS

UPPER TOP PLATE SPLICE

ELEVATION

TOP PLATE SPLICE LENGTH

-16-16d MIN∣IN EACH LAP-

<u>PLAN</u>

TYPICAL CONDITION

TYPICAL TOP PLATE SPLICE

4'-0" MIN LAP

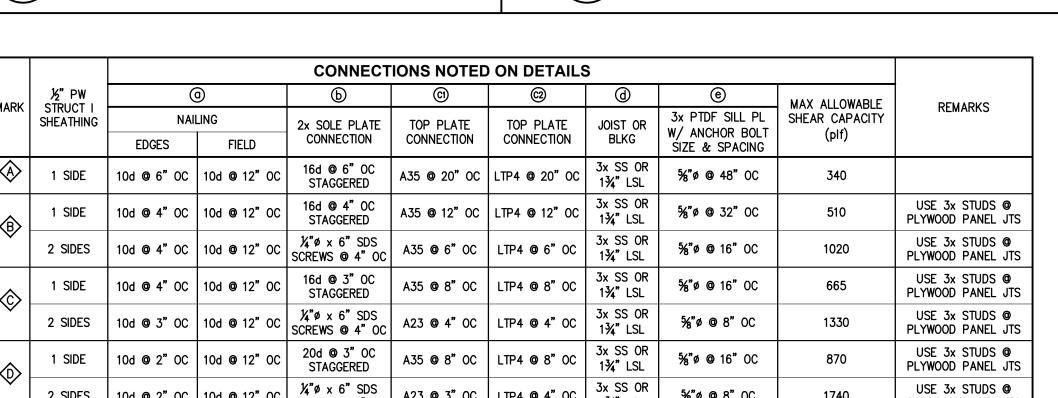
-LOWER TOP PLATE SPLICE

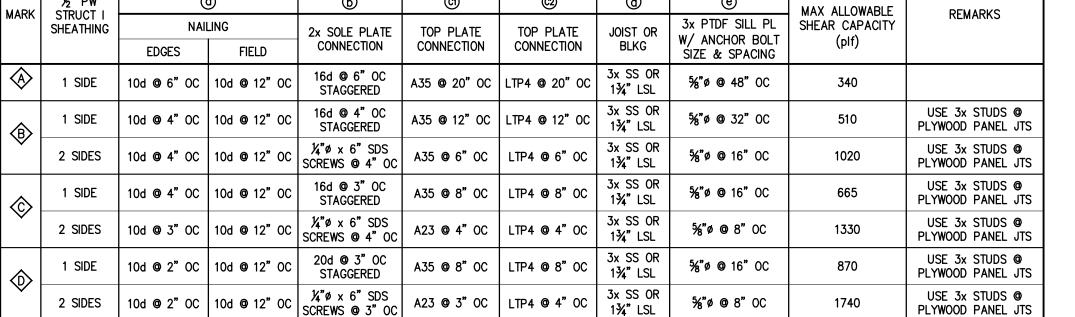
4'-0" MIN LAP

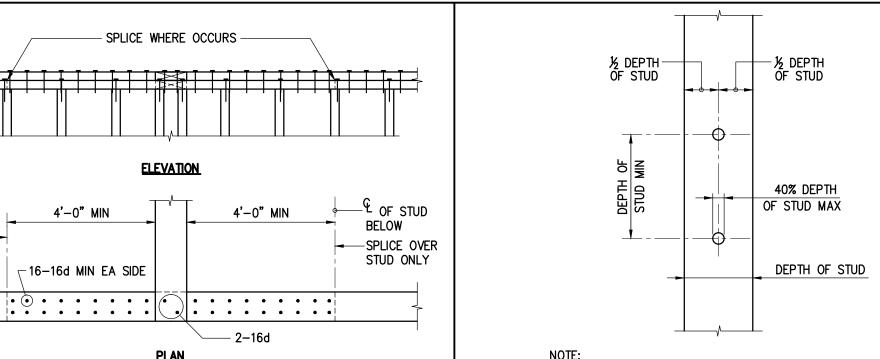
——[™] OF STUD

BELOW

STUD ONLY

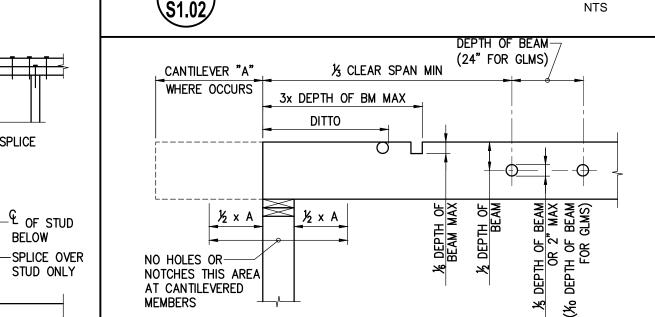






NOTCHING OF STUDS NOT PERMITTED EXCEPT AS DETAILED. SEE CARPENTRY NOTES FOR PIPE & HOLES IN SHEAR WALL & BEARING WALL FRAMING.

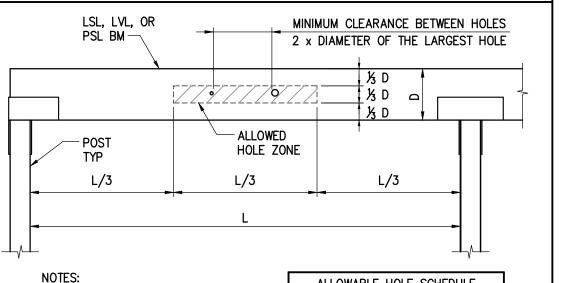
HOLES IN STUDS



NO HOLES OR NOTCHES PERMITTED IN BOTTOM OF BEAMS OR JOISTS. 2. NO HOLES OR NOTCHES PERMITTED WHERE DEPTH OF BEAM IS 5½"

- OR LESS (12" FOR GLMS).
- VERTICAL HOLES ARE NOT PERMITTED.
- APPLY PRESERVATIVE TO HOLES IN PRESSURE TREATED WOOD. THIS DETAIL APPLIES TO SOLID SAWN AND GLM WOOD MEMBERS ONLY. FOR OTHER MANUFACTURED WOOD PRODUCTS, NOTCH AND DRILL PER MANUFACTURER'S PUBLISHED INSTRUCTIONS AND LIMITATIONS.





NOTES:
DO NOT CUT, NOTCH, OR DRILL HOLES
IN LSL, LVL & PSL BEAMS EXCEPT AS
INDICATED IN DIAGRAM & SCHEDULE.
ALLOWED HOLE ZONE FOR UNIFORMLY
LOADED BEAMS ONLY.

3. NO RECTANGULAR HOLES ALLOWED. 4. NO HOLES IN CANTILEVERS ALLOWED. 5. CONSULT MANUFACTURER FOR LARGER HOLE SIZES.

:	ALLOWABLE HOLE SCHEDULE					
5	BEAM DEPTH	MAXIMUM ROUND HOLE SIZE				
	4¾"	1"				
	5½ "	1¾"				
}	7¼" & DEEPER	2"				

HOLES IN LSL, LVL, & PSL BMS

NOTES	2												\wedge	
1.	ALL	EXTE	RIOR	WALLS	SHA	LL BE	SHEA	THED	WITH	SHEAR	WALL	MARK	$\langle \rangle$	UON.
2.	DO	NOT	LOCA	TE PLY	WOOD	JOIN	TS ON	THE	SAME	STUD	WHERE	PLYW	OOD	OCCU
	ON	BOTH	SIDE	S, UNI	ESS	3x ST	UDS A	RE U	SED.					

- 3. PROVIDE 2 ROWS OF PLYWOOD EDGE NAILING (EN) FULL HEIGHT OF ALL POSTS WITH HOLDOWNS.
- PLYWOOD AT SHEAR WALLS SHALL EXTEND FULL LENGTH AND HEIGHT OF WALL.
- USE 3X SILL PLATES AT ALL SHEAR WALLS AND EXTERIOR WALLS. ANCHOR BOLTS SHALL HAVE 7" MINIMUM EMBEDMENT. EMBEDDED END SHALL HAVE 6 DIAMETER BEND WITH 2 DIAMETER EXTENSION PAST CENTER OF BEND.
- SOLE PLATE NAILING SHALL BE STAGGERED. PROVIDE SIMPSON BPS PLATE WASHER UNDER NUT OF ANCHOR BOLTS (2). NAILS PENETRATING PRESSURE-PRESERVATIVE TREATED WOOD SHALL BE
- HOT-DIPPED GALVANIZED PER ASTM A153, CLASS D. ANCHOR BOLTS SHALL BE LOCATED A MINIMUM OF 134" FROM EDGE OF THE
- CONCRETE PERPENDICULAR TO THE LENGTH OF THE WOOD WILL PLATE. ANCHOR BOLTS SHALL BE LOCATED A MINIMUM OF 91/2" FROM EDGE OF THE
- CONCRETE PARALLEL TO THE LENGTH OF THE WOOD SILL PLATE.

 12. WHERE NOTED ON PLANS BY (#)—(A), AB SPACING DIFFERS FROM THAT SHOWN IN SW SCHEDULE. SEE 2/S1.05.
- 13. CLIPS FOR C2 MAY BE INSTALLED AT BOTH SIDES AT TWICE THE SPACING.

PLYWOOD SHEAR WALL SCHEDULE

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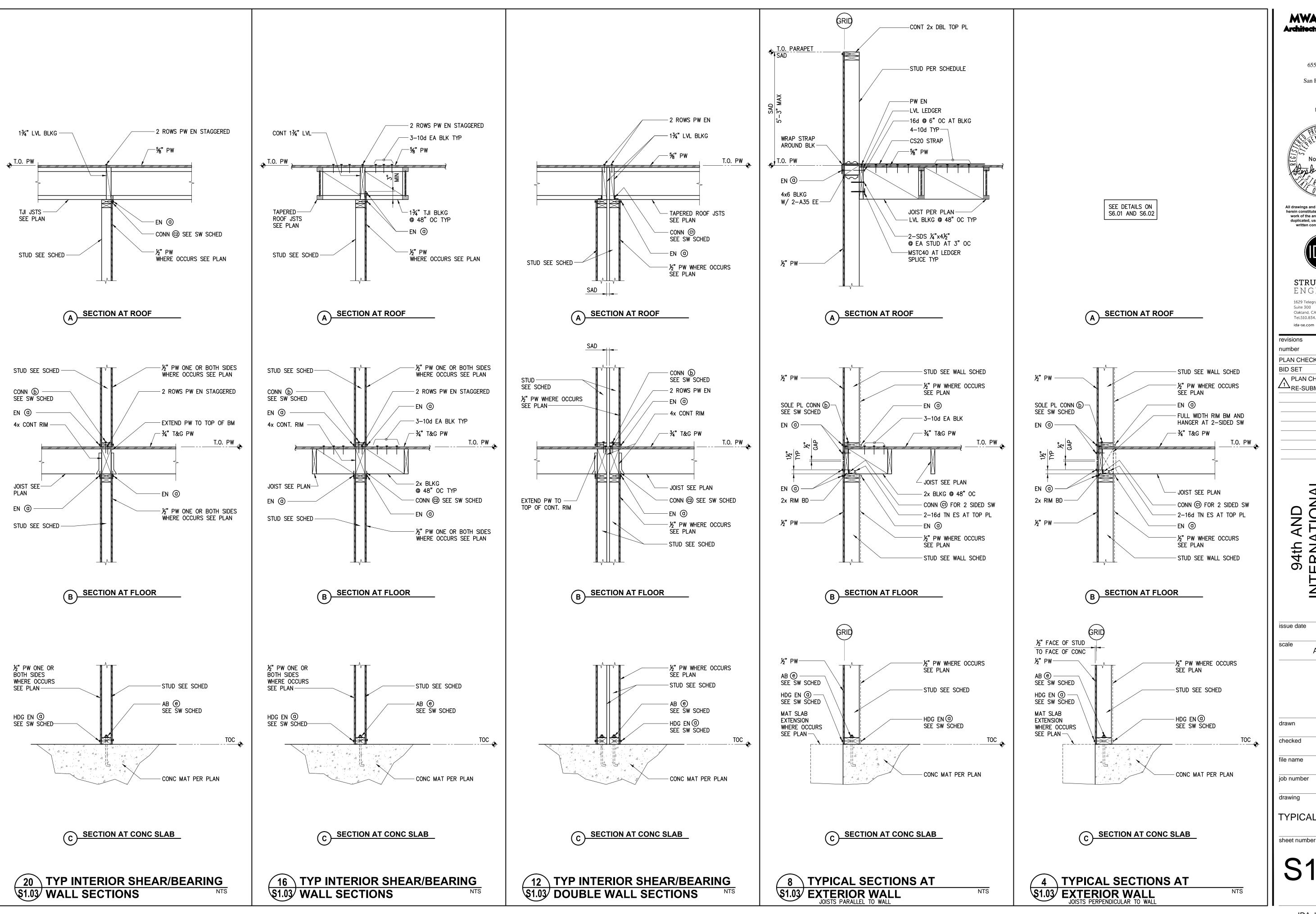
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WOOD TYPICAL DETAILS



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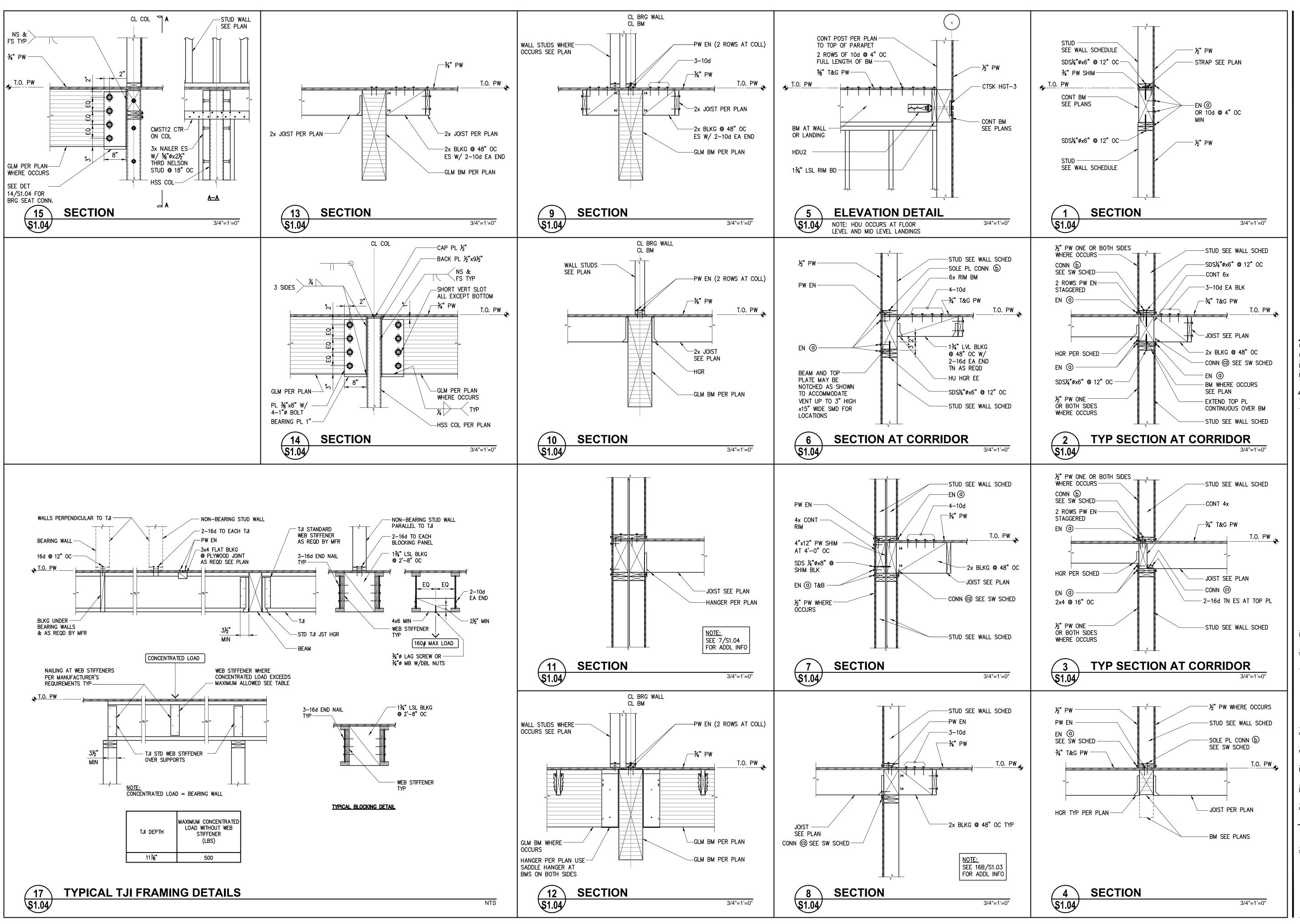
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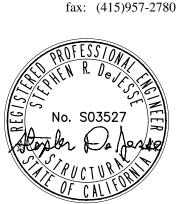
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TYPICAL DETAILS-1



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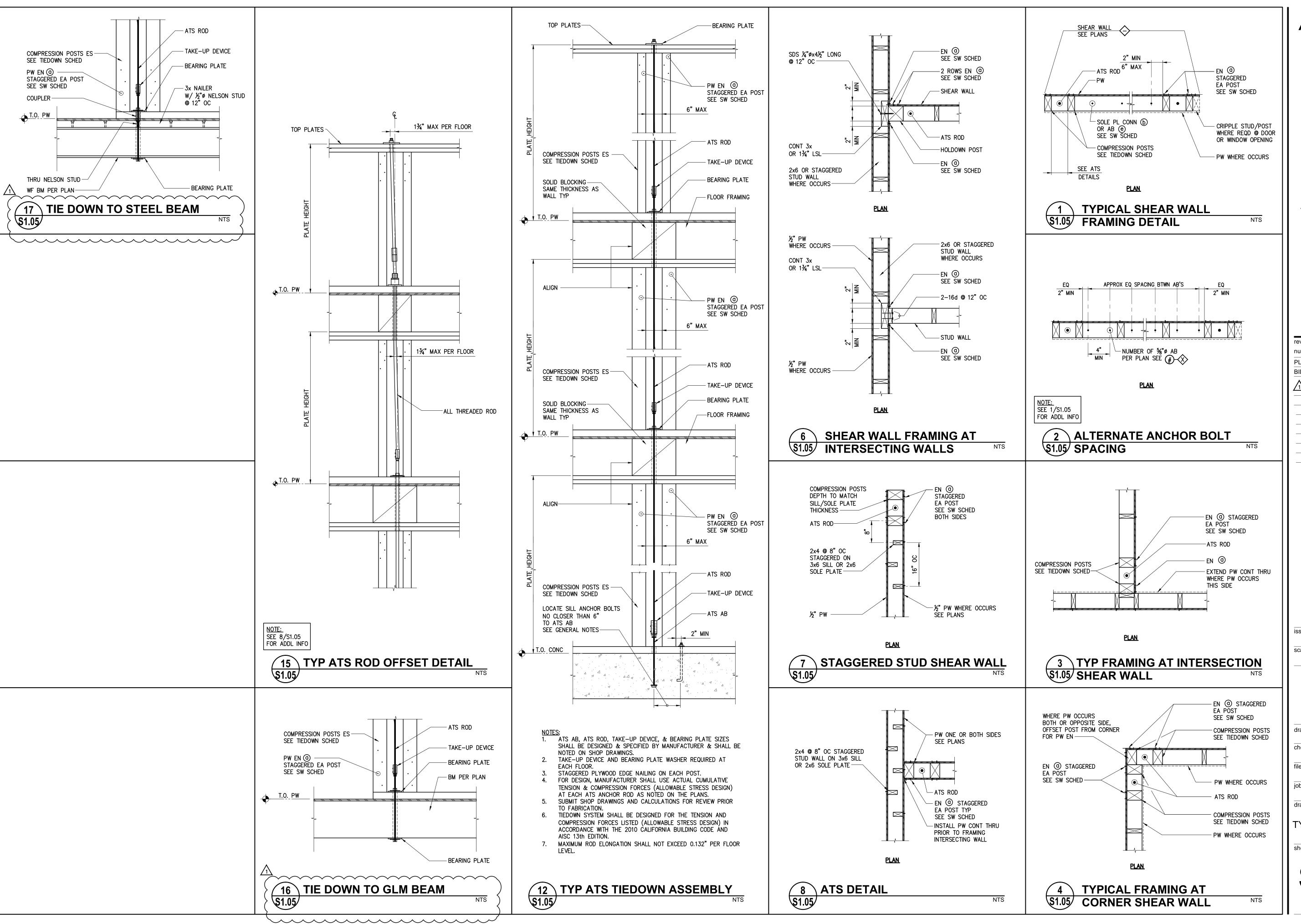
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TYPICAL DETAILS-2

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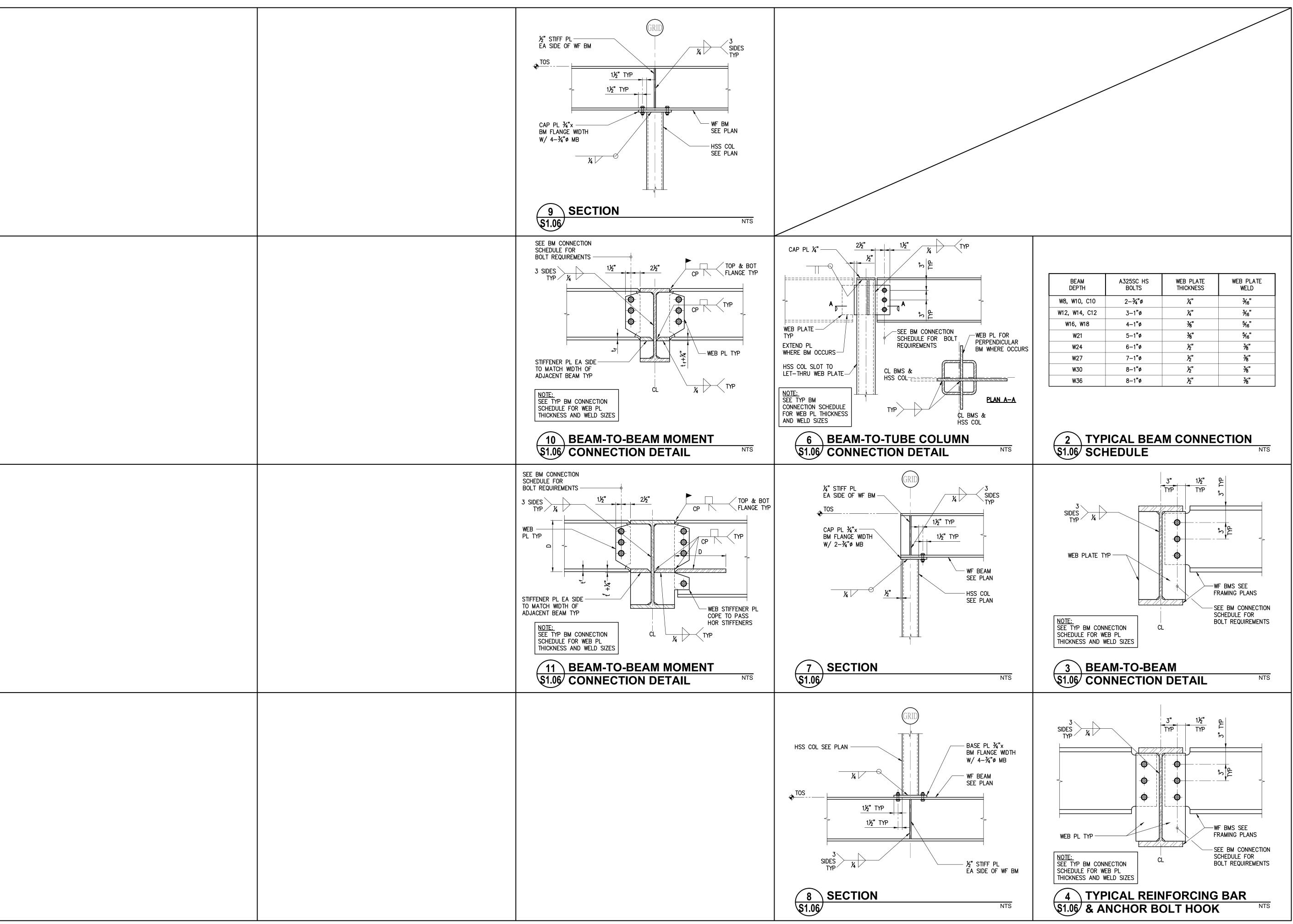
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TYPICAL DETAILS-3

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BEAM FRAMING SECTIONS AND DETAILS

POST SCHEDULE							
MARK	POST SIZE	REMARKS					
P1	4x4						
P2	4x6						
P3	6x6						
P4	2-2x8						
C1	HSS5x5x¾						
C2	HSS31/2×31/2×5/16						
С3	HSS7x5x¾						
C4	W16x46						
	P1 P2 P3 P4 C1 C2 C3	MARK POST SIZE P1 4x4 P2 4x6 P3 6x6 P4 2-2x8 C1 HSS5x5x¾ C2 HSS3½x3½x¾6 C3 HSS7x5x¾					

STRAP SCHEDULE					
MARK	STRAP	MIN END L WHERE APPLIES			
S1	MSTC40 STRAP				
S2	CMSTC16	4'-0" MIN			
S3	CMST14-10d	4'-0" MIN			
S4	CMST12-10d	4'-0" MIN			

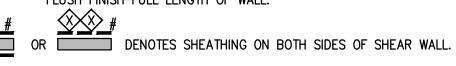
BEARING WALL STUD SCHEDULE UON ON PLANS								
MAXIMUM SYTERIOR INTERIOR WALL—SAD FOR WALL TYPE LOCATIONS								
LEVEL	STUD HEIGHT	EXTERIOR WALL	SINGLE	WALL	DOUBLE (EACH WALL)	STAGGERED STUD ON 2x6 SOLE PLATE OR 3x6 SILL PLATE AT CORRIDOR		
4TH FLOOR	9'-2"	2x6 @ 16" OC*	2x4 @ 16" OC	2x6 @ 16" OC	2x4 @ 16" OC	2x4 @ 16" OC		
3RD FLOOR	8'-8"	2x6 @ 16" OC	2x4 @ 16" OC	2x6 @ 16" OC	2x4 @ 16" OC	3x4 @ 16" OC		
2ND FLOOR	8'-8"	2x6 @ 16" OC	3x4 @ 16" OC	2x6 @ 16" OC	3x4 @ 16" OC	4x4 @ 16" OC		
1ST FLOOR	12'-8"	3x6 @ 16" OC	3½x3½ LVL @ 16" OC	3x6 @ 16" OC	3½x3½ LVL @ 16" OC	3½x3½ LVL @ 16" OC		
				Δ				

SHEET NOTES

- SEE GENERAL NOTES AND TYPICAL DETAILS ON \$1.00 \$1.04 FOR
- INFORMATION NOT SHOWN HEREIN. POSTS SHOWN ON PLAN ARE IN ADDITION TO HOLDOWN POST REQUIRED FOR TIEDOWN SYSTEM.
- SEE WALL STUD SCHEDULE FOR STUD SIZES. SEE WALL SECTIONS & DETAILS FOR PSL & LSL MEMBERS AT BEARING &
- SHEAR WALLS. PROVIDE PLYWOOD EDGE NAILING AT COLLECTOR MEMBERS.
- ALL JOISTS OR COLLECTOR BEAMS ALIGNED WITH SHEAR WALLS RECEIVE 2 ROWS OF PLYWOOD EDGE NAILING.
- BLOCK AND STRAP OPENINGS AND DIAPHRAGM PER 18/S1.02.
- RIP MEMBER TO MATCH DEPTH TO MATCH ADJACENT FRMG MEMBERS ARE LOCATED AT MID LANDING

LEGEND

PLYWOOD SHEAR WALL MARK (1/2" STRUCTURAL I RATED SHEATHING) # DENOTES MINIMUM LENGTH OF WALL (SAD FOR ACTUAL LENGTH) EXTEND SHEATHING AS NECESSARY OVER/UNDER OPENINGS TO ACHIEVE FLUSH FINISH FULL LENGTH OF WALL.



INDICATES AB SPACING DIFFERS FROM SW SCHEDULE. SEE 12/S1.02. DENOTES MINIMUM NUMBER OF AB NEEDED ALONG SW LENGTH SPACING EQUALLY OVER WALL LENGTH - HOLDOWN POSTS.

SIMPSON COMPANY ANCHOR TIEDOWN SYSTEM "T=XX" DENOTES CUMULATIVE TENSION FORCE (ALLOWABLE STRESS DESIGN. SEE 8/S1.04. SEE DET 15/S1.01 FOR ANCHORAGE

TO CONC MAT FJX* OR FBX* INDICATES FRAMING AT MID STAIR LANDING.

DENOTES PRESSURE TREATED (4x (UON))COLLECTOR WITH 2 ROWS PLYWOOD EDGE NAILING

> DENOTES STRAP WITH 3x4 FLAT BLOCKING BELOW STRAP PER 17/S1.02. DENOTES DEPRESSED MAT SLAB W/ 4" CONC TOPPING.

DENOTES BLOCKED DIAPHRAGM(PER DETAIL.)

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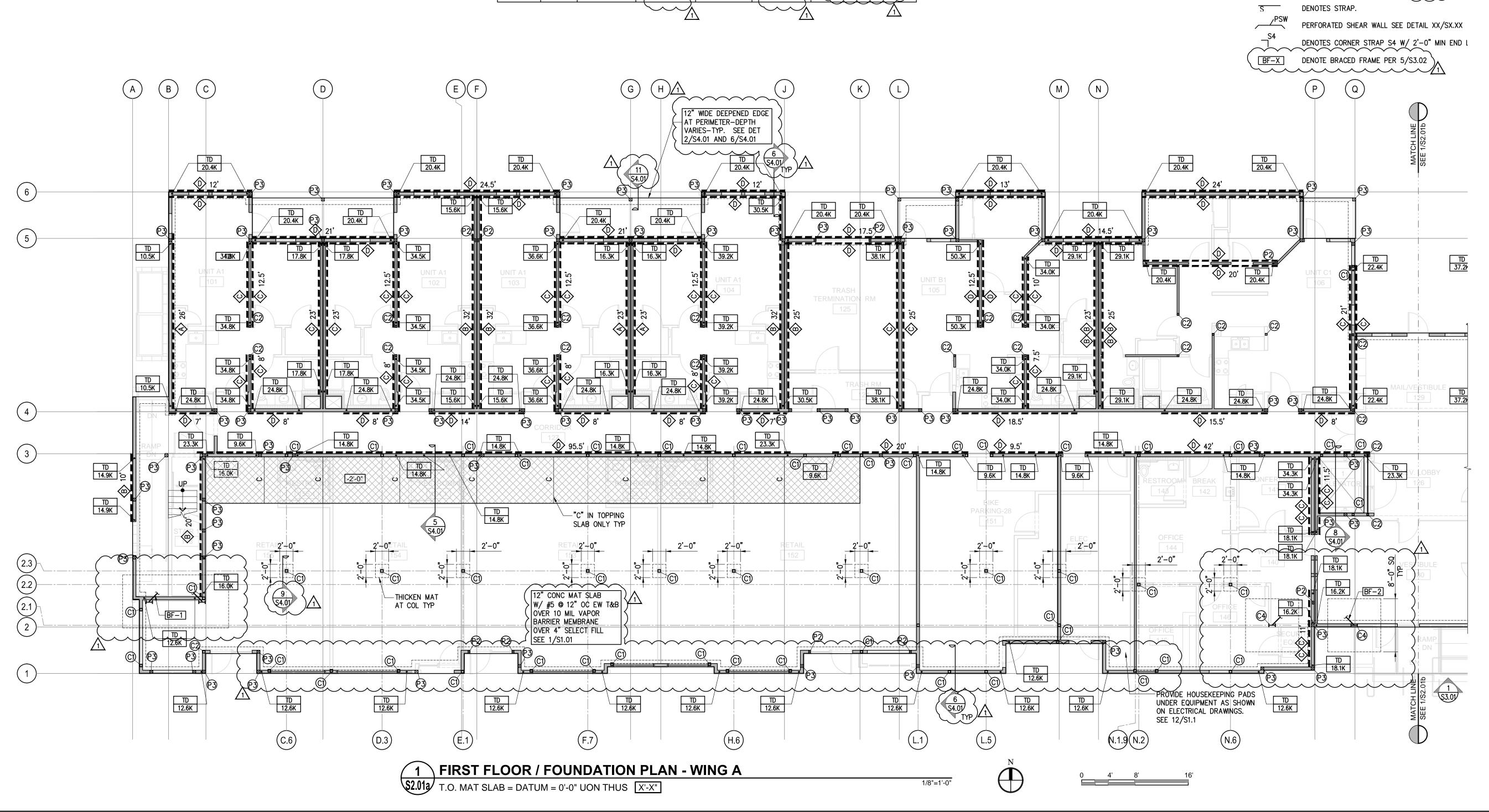
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FIRST FLOOR **FOUNDATION** PLAN - WING A

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	POST SCHEDULE					
MARK	POST SIZE	REMARKS				
P1	4×4					
P2	4x6					
P3	6x6					
P4	2-2x8					
C1	HSS5x5x¾					
C2	HSS3½x3½x5⁄1 ₆					
C3	HSS7x5x¾					
C4	W16x46					

3RD FLOOR

2ND FLOOR

1ST FLOOR | 12'-8"

MAXIMUM

STUD

HEIGHT

8'-8"

8'-8"

2x6 @ 16" OC

3x6 @ 16" OC

STRAP SCHEDULE						
MARK	STRAP	MIN END L WHERE APPLIES				
S1	MSTC40 STRAP					
S2	CMSTC16	4'-0" MIN				
S3	CMST14-10d	4'-0" MIN				
S4	CMST12-10d	4'-0" MIN				

(EACH WALL)

STAGGERED STUD ON

2x6 SOLE PLATE OR

3x6 SILL PLATE AT CORRIDOR

2x4 @ 16" OC

3x4 @ 16" OC

4x4 @ 16" OC **~~~**

3½x3½ LVL @ 16" OC

BEARING WALL STUD SCHEDULE UON ON PLANS

SINGLE WALL

4TH FLOOR | 9'-2" | 2x6 @ 16" OC* | 2x4 @ 16" OC | 2x6 @ 16" OC | 2x4 @ 16" OC

INTERIOR WALL-SAD FOR WALL TYPE LOCATIONS

2x4 @ 16" OC | 2x6 @ 16" OC | 2x4 @ 16" OC

2x6 @ 16" OC | 3x4 <u>@</u> 1<u>6</u>" OC

	JOIST SCHEDULE		
MARK	BEAM SIZE & TYPE	HANGER (WHERE REQD)	
FJ1	2x10 @ 16" OC	LUS/210	
FJ2	2x8 @ 16" OC	LU26	
FJ3	1¾"x11%" LVL @ 16" OC	IUS1.81/11.88	

MARK	BEAM SIZE & TYPE	REMARK
SB1	W6x20	
SB2	W12x16	
SB3	W24x76	
SB4	W27x84	
SB5	HSS12x6x⅓	
SB6	W16x40	

	MARK	BEAM SIZE & TYPE	HANGER (WHERE REQD)
	FB1	4x10	HUCQ410-SDS
	FB2	6x8	HU68TF
	FB3	6x10	
	FB4	3%"x9" GLM BM	HUCQ210 2-SDS
	FB5	31/8"x131/2" GLM BM	
	FB6	5%"x9" GLM BM	HUCQ5.25/ 9-SDS
	FB7	6¾"x10½" GLM BM	HGU7.00-SDS
	FB8	5%"x13½" GLM BM	HUCQ5.25/ 11-SDS
	FB9	51/8"x15" GLM BM	HUGS5.25/10
	FB10	51/8"x24" GLM BM	PER PLAN
	FB11	6¾"x18" GLM BM	HGUS6.88/10
	FB12	6¾"x21" GLM BM	HGU7.00-SDS
	FB13	8¾"x33" GLM BM	PER PLAN
	FB14	8¾"x21" GLM BM	HHGU9.00-SDS
	FB15	3½"x11½"	PER PLAN
	FB16	6¾"x24" GLM BM	PER PLAN
>			

51/8"x12" GLM BM

PER PLAN

WOOD BEAM SCHEDULE

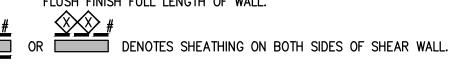
SHEET NOTES

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- SEE WALL STUD SCHEDULE FOR STUD SIZES. SEE WALL SECTIONS & DETAILS FOR PSL & LSL MEMBERS AT BEARING &
- PROVIDE PLYWOOD EDGE NAILING AT COLLECTOR MEMBERS.
- ALL JOISTS OR COLLECTOR BEAMS ALIGNED WITH SHEAR WALLS RECEIVE 2
- ROWS OF PLYWOOD EDGE NAILING. BLOCK AND STRAP OPENINGS AND DIAPHRAGM PER 18/S1.02.
- RIP MEMBER TO MATCH DEPTH TO MATCH ADJACENT FRMG
- MEMBERS ARE LOCATED AT MID LANDING

LEGEND

PLYWOOD SHEAR WALL MARK (1/2" STRUCTURAL I RATED SHEATHING)

DENOTES MINIMUM LENGTH OF WALL (SAD FOR ACTUAL LENGTH) EXTEND SHEATHING AS NECESSARY OVER/UNDER OPENINGS TO ACHIEVE FLUSH FINISH FULL LENGTH OF WALL.



INDICATES AB SPACING DIFFERS FROM SW SCHEDULE. SEE 12/S1.02.

DENOTES MINIMUM NUMBER OF AB NEEDED ALONG SW LENGTH SPACING EQUALLY OVER WALL LENGTH - HOLDOWN POSTS. SIMPSON COMPANY ANCHOR TIEDOWN SYSTEM

"T=XX" DENOTES CUMULATIVE TENSION FORCE (ALLOWABLE STRESS DESIGN. SEE 8/S1.04. SEE DET 15/S1.01 FOR ANCHORAGE TO CONC MAT

FJX* OR FBX* INDICATES FRAMING AT MID STAIR LANDING.

DENOTES PRESSURE TREATED

(4x (UON))COLLECTOR WITH 2 ROWS PLYWOOD EDGE NAILING

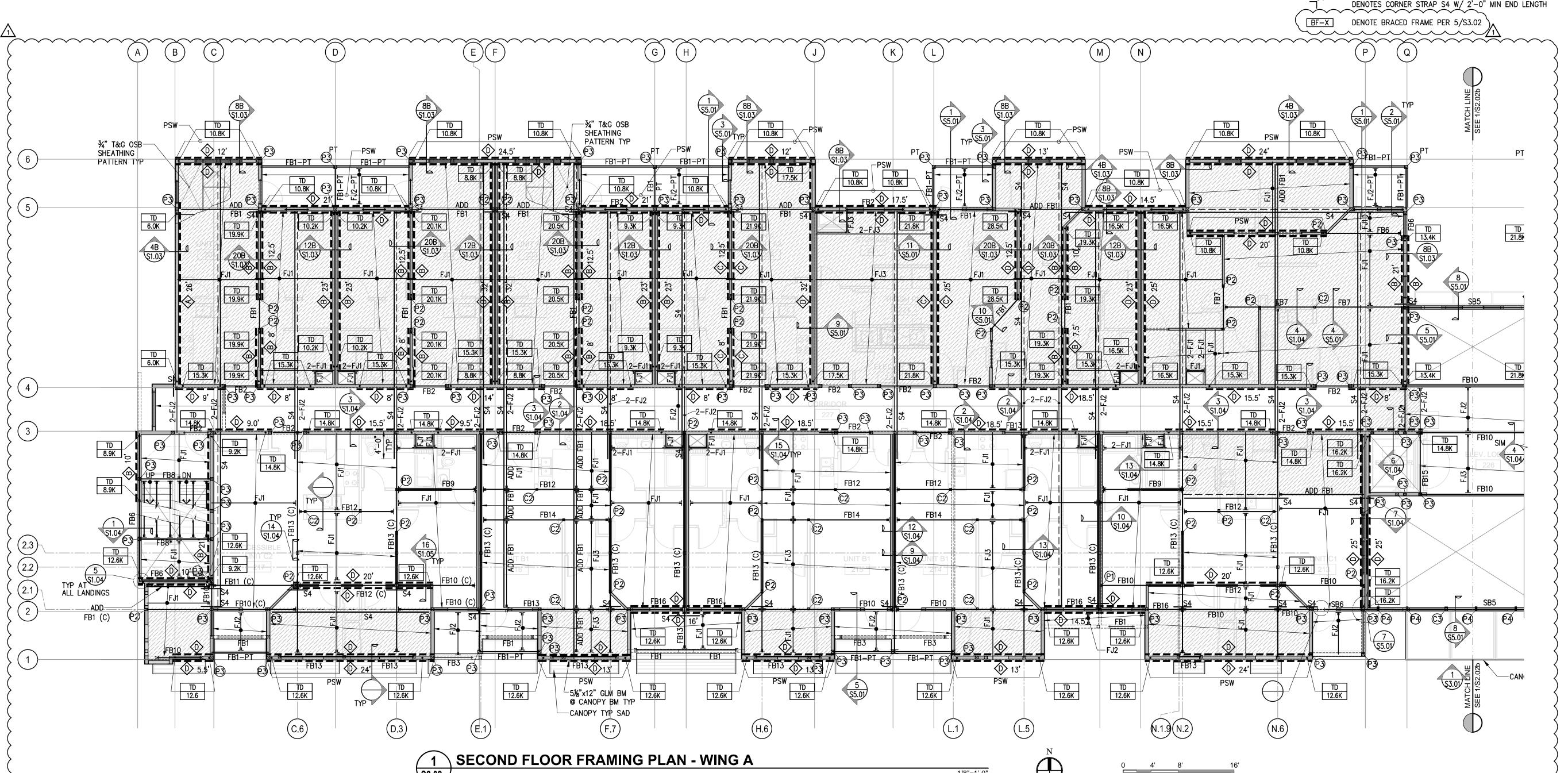
DENOTES DEPRESSED MAT SLAB W/ 4" CONC TOPPING.

DENOTES STRAP WITH 3x4 FLAT BLOCKING BELOW STRAP PER 17/S1.02.

DENOTES BLOCKED DIAPHRAGM(PER DETAIL.)

DENOTES STRAP. PERFORATED SHEAR WALL SEE DETAIL XX/SX.XX

DENOTES CORNER STRAP S4 W/ 2'-0" MIN END LENGTH





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> 0 94th ITERN

issue date 11/20/15 **AS INDICATED** KEYPLAN

XG, AI

15047S202a.dwg 201517.00

SECOND FLOOR PLAN - WING A

	POST SCHEDULE		
MARK	POST SIZE	REMARKS	
P1	4x4		
P2	4x6		
P3	6x6		
P4	2-2x8		
C1	HSS5x5x¾		
C2	HSS3½x3½x5/ ₆		
C3	HSS7x5x¾		
C4	W16x46		

3RD FLOOR

2ND FLOOR

1ST FLOOR | 12'-8"

MAXIMUM

STUD

HEIGHT

8'-8"

8'-8"

2x6 @ 16" OC

3x6 @ 16" OC

STRAP SCHEDULE		DULE
MARK	STRAP	MIN END L WHERE APPLIES
S1	MSTC40 STRAP	
S2	CMSTC16	4'-0" MIN
S3	CMST14-10d	4'-0" MIN
S4	CMST12-10d	4'-0" MIN

(EACH WALL)

STAGGERED STUD ON

2x6 SOLE PLATE OR

2x4 @ 16" OC

3x4 @ 16" OC

4x4 @ 16" OC

3½×3½ LVL @ 16" OC

~~~~

3x6 SILL PLATE AT CORRIDOR

BEARING WALL STUD SCHEDULE UON ON PLANS

SINGLE WALL

4TH FLOOR | 9'-2" | 2x6 @ 16" OC* | 2x4 @ 16" OC | 2x6 @ 16" OC | 2x4 @ 16" OC

INTERIOR WALL-SAD FOR WALL TYPE LOCATIONS

2x4 @ 16" OC | 2x6 @ 16" OC | 2x4 @ 16" OC

| 2x6 @ 16" OC | 3x4 <u>@</u> 1<u>6</u>" OC

	JOIST SCHEDULE		
Ţ	MARK	BEAM SIZE & TYPE	HANGER (WHERE REQD)
	FJ1	2x10 @ 16" OC	LUS/210
	FJ2	2x8 @ 16" OC	LU26
	FJ3	1¾"x11%" LVL @ 16" OC	IUS1.81/11.88

MARK	BEAM SIZE & TYPE	REMARK
SB1	W6x20	
SB2	W12x16	
SB3	W24x76	
SB4	W27x84	
SB5	HSS12x6x⁵⁄⁄8	
SB6	W16x40	

MAF	RK	BEAM SIZE & TYPE	HANGER (WHERE REQD)
FB	1	4x10	HUCQ410-SDS
FB	2	6x8	HU68TF
FB	3	6x10	
FB	4	3⅓"x9" GLM BM	HUCQ210 2-SDS
FB	5	3½"x13½" GLM BM	
FB	6	5½″x9″ GLM BM	HUCQ5.25/ 9-SDS
FB	7	6¾"x10½" GLM BM	HGU7.00-SDS
FB	8	5%"x13½" GLM BM	HUCQ5.25/ 11-SDS
FB	9	51/8"x15" GLM BM	HUGS5.25/10
FB1	0	51/8"x24" GLM BM	PER PLAN
FB	11	6¾"x18" GLM BM	HGUS6.88/10
FB1	2	6¾"x21" GLM BM	HGU7.00-SDS
FB1	3	8¾"x33" GLM BM	PER PLAN
FB1	4	8¾"x21" GLM BM	HHGU9.00-SDS

__3½"x11%"___

6¾"x24" GLM BM

51/8"x12" GLM BM

PER PLAN

PER PLAN

PER PLAN

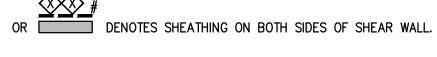
WOOD BEAM SCHEDULE

SHEET NOTES

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- PROVIDE PLYWOOD EDGE NAILING AT COLLECTOR MEMBERS.
- ALL JOISTS OR COLLECTOR BEAMS ALIGNED WITH SHEAR WALLS RECEIVE 2
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- BLOCK AND STRAP OPENINGS AND DIAPHRAGM PER 18/S1.02. RIP MEMBER TO MATCH DEPTH TO MATCH ADJACENT FRMG
- MEMBERS ARE LOCATED AT MID LANDING

LEGEND

- PLYWOOD SHEAR WALL MARK (1/2" STRUCTURAL I RATED SHEATHING) # DENOTES MINIMUM LENGTH OF WALL (SAD FOR ACTUAL LENGTH) EXTEND SHEATHING AS NECESSARY OVER/UNDER OPENINGS TO ACHIEVE
- FLUSH FINISH FULL LENGTH OF WALL.



INDICATES AB SPACING DIFFERS FROM SW SCHEDULE. SEE 12/S1.02. DENOTES MINIMUM NUMBER OF AB NEEDED ALONG SW LENGTH SPACING EQUALLY OVER WALL LENGTH - HOLDOWN POSTS.

SIMPSON COMPANY ANCHOR TIEDOWN SYSTEM "T=XX" DENOTES CUMULATIVE TENSION FORCE (ALLOWABLE STRESS DESIGN. SEE 8/S1.04. SEE DET 15/S1.01 FOR ANCHORAGE TO CONC MAT

FJX* OR FBX* INDICATES FRAMING AT MID STAIR LANDING.

DENOTES PRESSURE TREATED

(4x (UON))COLLECTOR WITH 2 ROWS PLYWOOD EDGE NAILING DENOTES STRAP WITH 3x4 FLAT BLOCKING BELOW STRAP PER 17/S1.02.

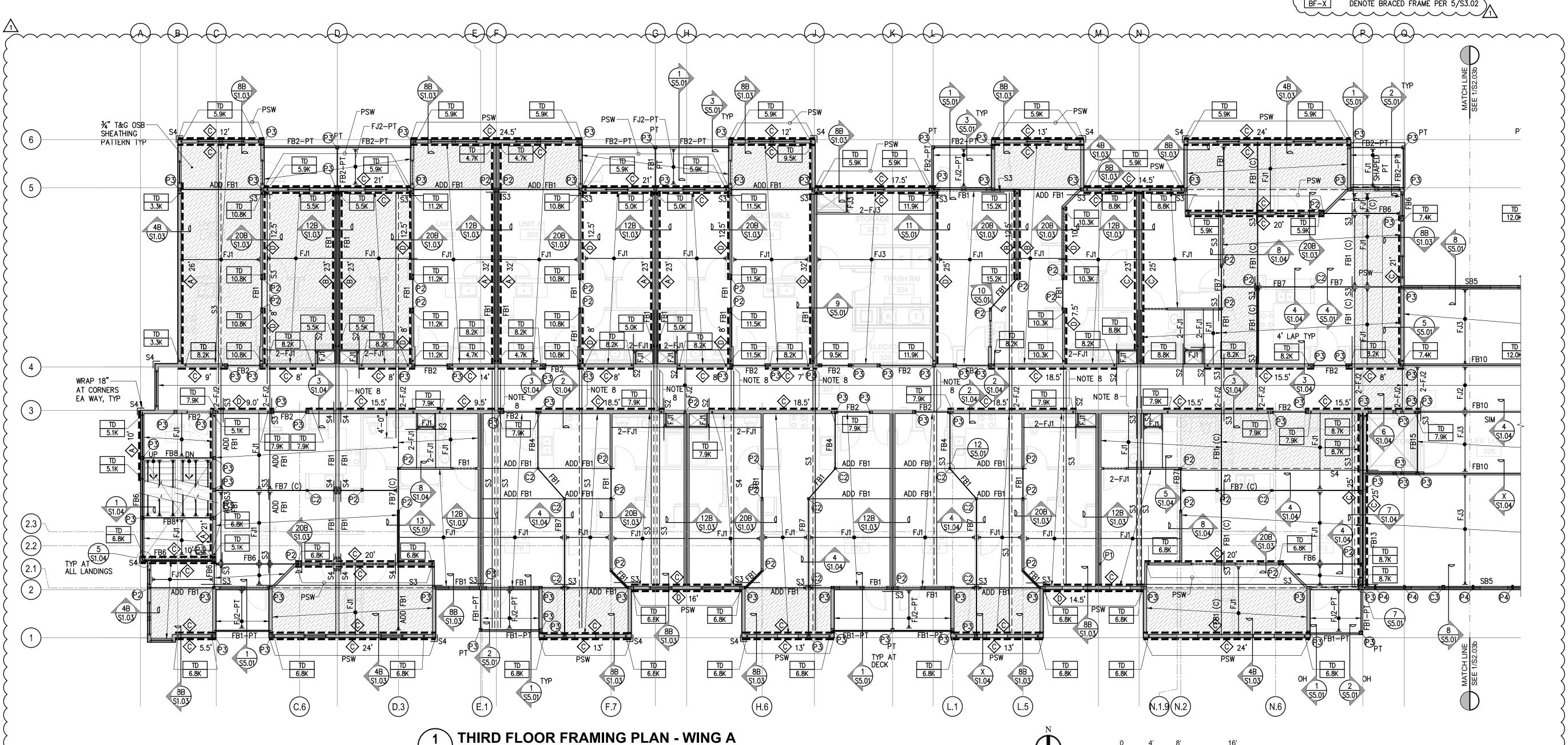
DENOTES DEPRESSED MAT SLAB W/ 4" CONC TOPPING.

DENOTES BLOCKED DIAPHRAGM(PER DETAIL.) DENOTES STRAP.

PERFORATED SHEAR WALL SEE DETAIL XX/SX.XX

DENOTES CORNER STRAP S4 W/ 2'-0" MIN END LENGTH

DENOTE BRACED FRAME PER 5/S3.02





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$\frac{11}{11}$ RE-SUBMITTAL	-

0 94th TERN

issue date 11/20/15 **AS INDICATED** KEYPLAN

job number

drawing

THIRD FLOOR PLAN - WING A

201517.00

POST SCHEDULE		
MARK	POST SIZE	REMARKS
P1	4×4	
P2	4x6	
Р3	6x6	
P4	2-2x8	
C1	HSS5x5x¾	
C2	HSS3½x3½x¾6	
C3	HSS7x5x¾	
C4	W16x46	

3RD FLOOR | 8'-8"

2ND FLOOR | 8'-8"

1ST FLOOR | 12'-8"

MAXIMUM

STUD

HEIGHT

EXTERIOR

2x6 @ 16" OC

3x6 @ 16" OC

	STRAP SCHEDULE	
MARK	STRAP	MIN END L WHERE APPLIES
S1	MSTC40 STRAP	
S2	CMSTC16	4'-0" MIN
S3	CMST14-10d	4'-0" MIN
S4	CMST12-10d	4'-0" MIN

(EACH WALL)

STAGGERED STUD ON

2x6 SOLE PLATE OR

3x6 SILL PLATE AT CORRIDOR

2x4 @ 16" OC

3x4 @ 16" OC

4x4 @ 16" OC ****

3½x3½ LVL @ 16" OC

BEARING WALL STUD SCHEDULE UON ON PLANS

SINGLE WALL

4TH FLOOR | 9'-2" | 2x6 @ 16" OC* | 2x4 @ 16" OC | 2x6 @ 16" OC | 2x4 @ 16" OC

INTERIOR WALL-SAD FOR WALL TYPE LOCATIONS

2x4 @ 16" OC | 2x6 @ 16" OC | 2x4 @ 16" OC

2x6 @ 16" OC | 3x4 <u>@</u> 1<u>6</u>" OC

	JOIST SCHEDULE			
MARK	BEAM SIZE & TYPE	HANGER (WHERE REQD)		
FJ1	2x10 @ 16" OC	LUS/210		
FJ2	2x8 @ 16" OC	LU26		
FJ3	1¾"x11%" LVL @ 16" OC	IUS1.81/11.88		

MARK	BEAM SIZE & TYPE	REMARK
SB1	W6x20	
SB2	W12x16	
SB3	W24x76	
SB4	W27x84	
SB5	HSS12x6x%	
SB6	W16x40	

	MARK	BEAM SIZE & TYPE	(WHERE REQD)
İ	FB1	4x10	HUCQ410-SDS
	FB2	6x8	HU68TF
	FB3	6x10	
	FB4	3%"x9" GLM BM	HUCQ210 2-SDS
	FB5	31/8"x131/2" GLM BM	
	FB6	5%"x9" GLM BM	HUCQ5.25/ 9-SDS
	FB7	6¾"x10½" GLM BM	HGU7.00-SDS
	FB8	5%"x13½" GLM BM	HUCQ5.25/ 11-SDS
	FB9	51/8"x15" GLM BM	HUGS5.25/10
	FB10	51/8"x24" GLM BM	PER PLAN
	FB11	6¾"x18" GLM BM	HGUS6.88/10
	FB12	6¾"x21" GLM BM	HGU7.00-SDS
	FB13	8¾"x33" GLM BM	PER PLAN
	FB14	8¾"x21" GLM BM	HHGU9.00-SDS
	FB15	3½"×11½"	PER PLAN
$(\mid$	FB16	6¾"x24" GLM BM	PER PLAN
7	FB17	51/8"x12" GLM BM	PER PLAN

WOOD BEAM SCHEDULE

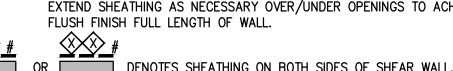
BEAM SIZE & TYPE

SHEET NOTES

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- MEMBERS ARE LOCATED AT MID LANDING

LEGEND

PLYWOOD SHEAR WALL MARK (1/2" STRUCTURAL I RATED SHEATHING) # DENOTES MINIMUM LENGTH OF WALL (SAD FOR ACTUAL LENGTH) EXTEND SHEATHING AS NECESSARY OVER/UNDER OPENINGS TO ACHIEVE



DENOTES SHEATHING ON BOTH SIDES OF SHEAR WALL.

INDICATES AB SPACING DIFFERS FROM SW SCHEDULE. SEE 12/S1.02. DENOTES MINIMUM NUMBER OF AB NEEDED ALONG SW LENGTH SPACING EQUALLY OVER WALL LENGTH - HOLDOWN POSTS.

SIMPSON COMPANY ANCHOR TIEDOWN SYSTEM "T=XX" DENOTES CUMULATIVE TENSION FORCE (ALLOWABLE STRESS DESIGN. SEE 8/S1.04. SEE DET 15/S1.01 FOR ANCHORAGE TO CONC MAT

FJX* OR FBX* INDICATES FRAMING AT MID STAIR LANDING.

DENOTES PRESSURE TREATED

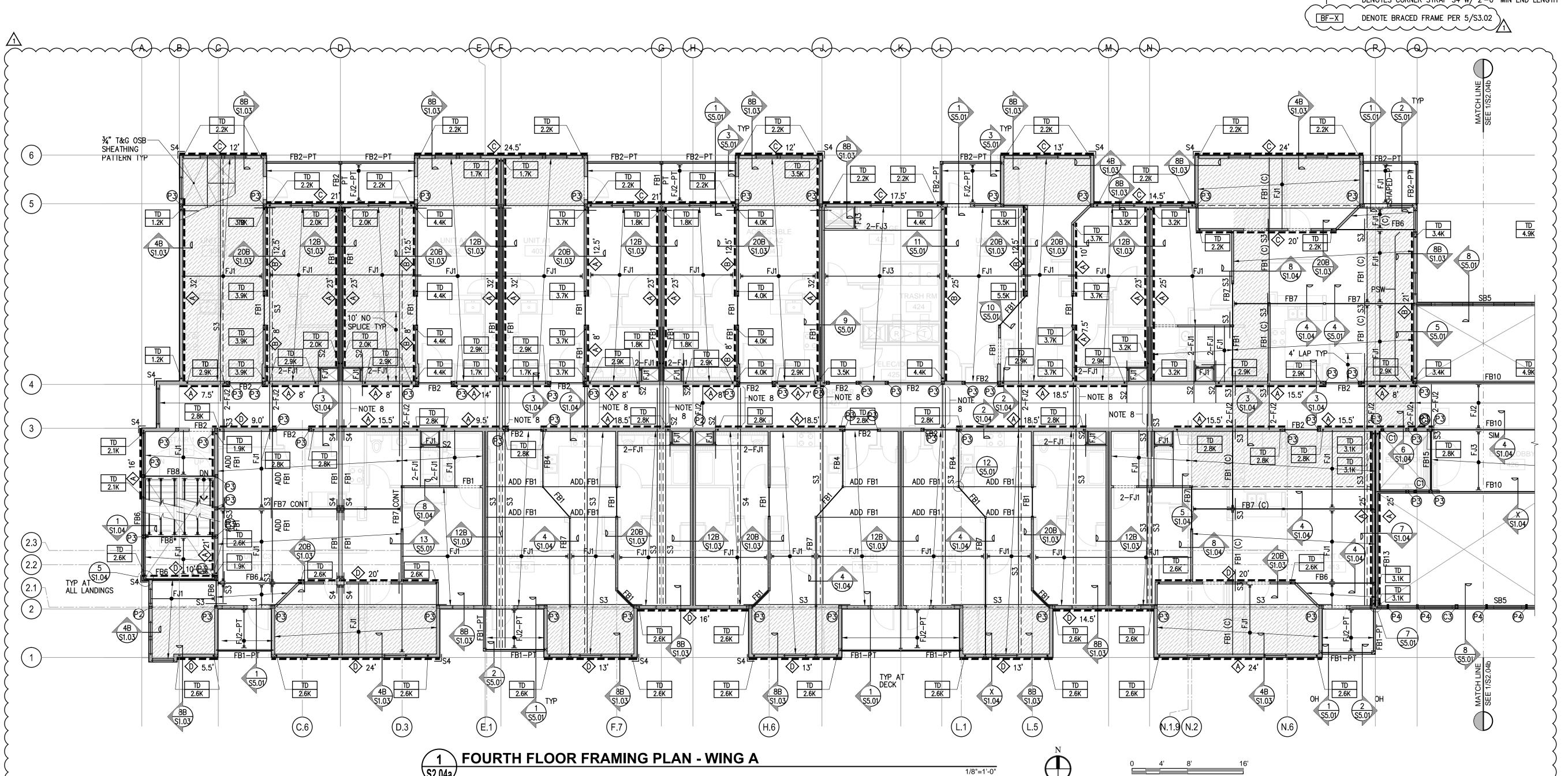
(4x (UON))COLLECTOR WITH 2 ROWS PLYWOOD EDGE NAILING

DENOTES STRAP WITH 3x4 FLAT BLOCKING BELOW STRAP PER 17/S1.02. DENOTES DEPRESSED MAT SLAB W/ 4" CONC TOPPING.

DENOTES BLOCKED DIAPHRAGM(PER DETAIL.)

DENOTES STRAP. PERFORATED SHEAR WALL SEE DETAIL XX/SX.XX

DENOTES CORNER STRAP S4 W/ 2'-0" MIN END LENGTH





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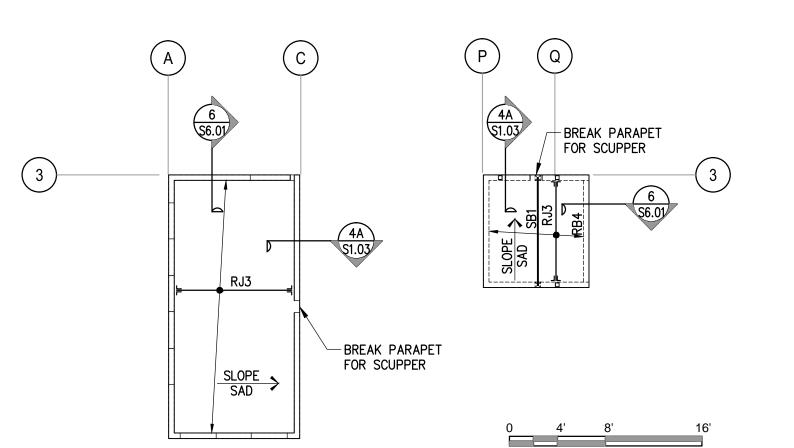
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issue date 11/20/15 **AS INDICATED**

KEYPLAN XG, AI

job number 201517.00

FOURTH FLOOR PLAN - WING A



1/8"=1'-0"

2 ELEVATOR & STAIR WELL

\$2.05a OVER RUN FRAMING PLANS

POST SCHEDULE		
MARK	POST SIZE	REMARKS
P1	4×4	
P2	4x6	
P3	6x6	
P4	2-2x8	
C1	HSS5x5x¾	
C2	HSS3½x3½x5⁄16	
C3	HSS7x5x¾	
C4	W16x46	

	STRAP SCHEDULE				
Ì	MARK	STRAP	MIN END L WHERE APPLIES		
	S1	MSTC40 STRAP			
	S2	CMSTC16	4'-0" MIN		
	S3	CMST14-10d	4'-0" MIN		
	S4	CMST12-10d	4'-0" MIN		

STRAP SCHEDULE				
MARK	STRAP	MIN END L WHERE APPLIES		
S1	MSTC40 STRAP			
S2	CMSTC16	4'-0" MIN		
S3	CMST14-10d	4'-0" MIN		
S4	CMST12-10d	4'-0" MIN		

СП	EET		TE
ЭΠ		INU	

ROOF JOIST AND BEAM SCHEDULE

BEAM SIZE & TYPE

TAPERED TJI @ 24" OC

12" MIN AT BEARING AS NOTED

2x12 @ 24" OC

2x10 @ 24" OC

2x10 @ 16" OC

2x6 @ 24" OC

1¾"x9½" LVL

1¾"x11¼" LVL

3½"x11¼" PSL

5¼"x9½" PSL

5¼"x11%" PSL

5¼"x16" PSL

7"x9½" PSL

5¼"x9½" PSL

5¼"11%" PSL

MARK

RJ1

RJ3

RJ4

RJ5

RB1

RB2

RB3

RB4

RB5

RB6

RB7

RH1

RH2

HANGER

(WHERE REQD)

MIU2.56

U210

U210

U210

LU26

HU9

HU11

HHUS410

HGUS5.50/10

HHUS5.50/10

HHUS7.25/10

HHUS5.50/10

HUGS5.50/12

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- ROWS OF PLYWOOD EDGE NAILING. BLOCK AND STRAP OPENINGS AND DIAPHRAGM PER 18/S1.02.

OF TANK AND CONTENTS TO 1000 POUNDS MAXIMUM.

MECH UNITS WEIGHING LESS THAN 100# ARE NOT SHOWN. SOLAR TANK WEIGHT WAS NOT AVAILABLE. CONTRACTOR TO LIMIT WEIGHT

LEGEND

(C) 3½" LSL (UON) COLLECTOR WITH 2 ROWS PLYWOOD EDGE NAILING

DENOTES STRAP WITH 3x4 FLAT BLOCKING BELOW STRAP PER 17/S1.02.

DENOTES BLOCKED DIAPHRAGM.

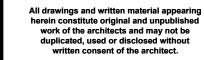


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issue date	11/20/15
scale	AS INDICATED
	b KEYPLAN
drawn	YG AI

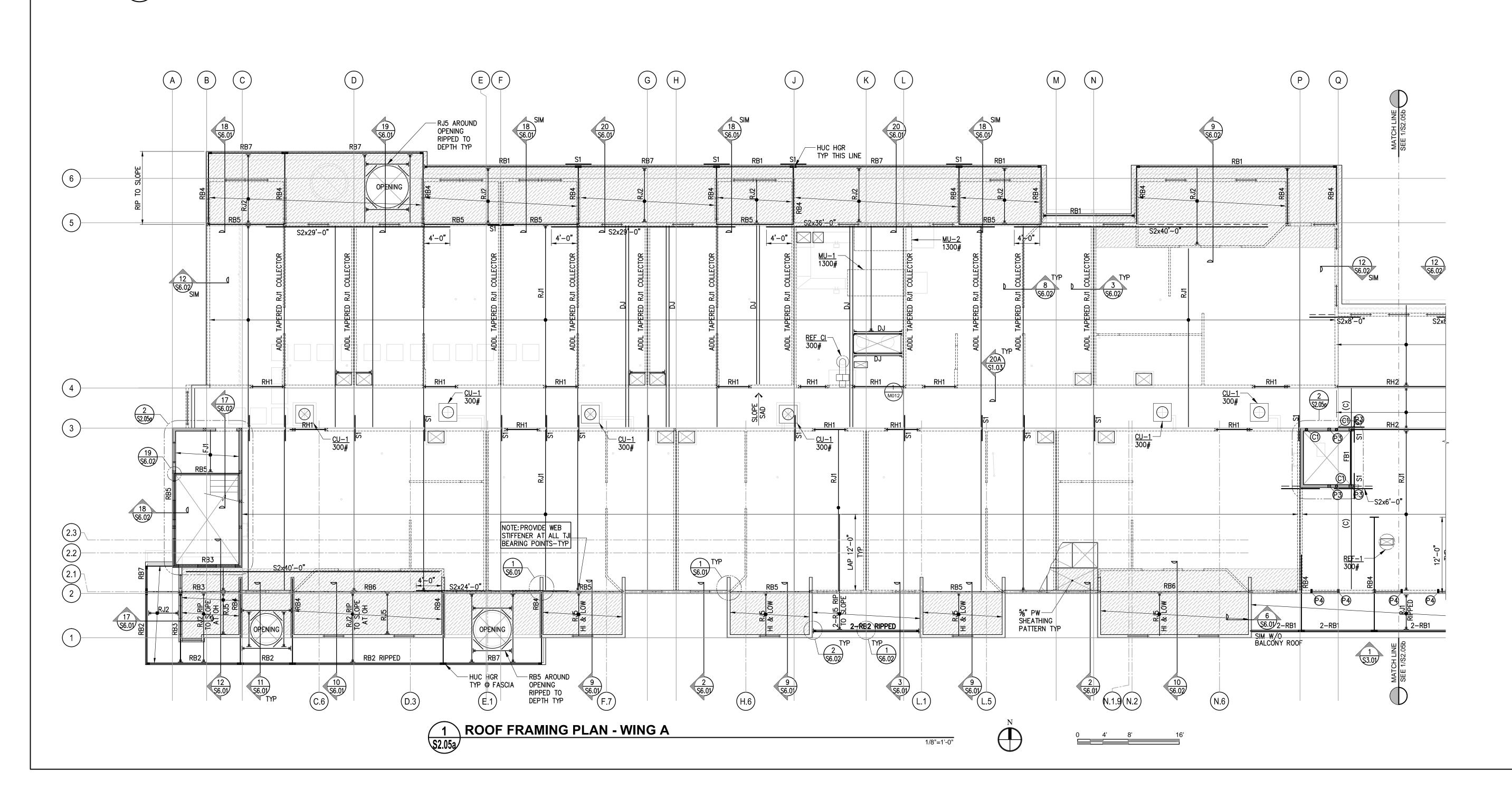
XG, AI

checked

job number 201517.00

ROOF FRAMING PLAN - WING A

S2.05a



POST SCHEDULE					
MARK	POST SIZE	REMARKS			
P1	4x4				
P2	4x6				
Р3	6x6				
P4	2-2x8				
C1	HSS5x5x¾				
C2	HSS3½x3½x516				
C3	HSS7x5x¾				
C4	W16x46				

STRAP SCHEDULE			
MARK	STRAP	MIN END L WHERE APPLIES	
S1	MSTC40 STRAP		
S2	CMSTC16	4'-0" MIN	
S3	CMST14-10d	4'-0" MIN	
S4	CMST12-10d	4'-0" MIN	

BEARING WALL STUD SCHEDULE UON ON PLANS						
MAXIMUM EXTERIOR			INTERIOR WALL-SAD FOR WALL TYPE LOCATIONS			
LEVEL	STUD HEIGHT	EXTERIOR WALL	SINGLE	WALL	DOUBLE (EACH WALL)	STAGGERED STUD ON 2x6 SOLE PLATE OR 3x6 SILL PLATE AT CORRIDOR
4TH FLOOR	9'-2"	2x6 @ 16" OC*	2x4 @ 16" OC	2x6 @ 16" OC	2x4 @ 16" OC	2x4 @ 16" OC
3RD FLOOR	8'-8"	2x6 @ 16" OC	2x4 @ 16" OC	2x6 @ 16" OC	2x4 @ 16" OC	3x4 @ 16" OC
2ND FLOOR	8'-8"	2x6 @ 16" OC	3x4 @ 16" OC	2x6 @ 16" OC	3x4 @ 16" OC	4x4 @ 16" OC
1ST FLOOR	12'-8"	3x6 @ 16" OC	3½x3½ LVL @ 16" OC	3x6 @ 16" OC	3½×3½ LVL @ 16" OC	3½x3½ LVL @ 16" OC
				7		1

12" WIDE DEEPENED EDGE ⊢AT PERIMETER-DEPTH VARIES-TYP. SEE DET 2/S4.01 AND 6/S4.01 ********** 37.2K TD 37.2K TD 24.8K 4 15.5' ♠ 8' ♠ **(3)** TD 9.6K C) D 19' TD C1 14.8K TD 128 14.8K C1 C1 C1 (3) TD 14.8K 12" CONC MAT SLAB W/ #5 @ 12" OC EW T&B OVER 10 MIL VAPOR BARRIER MEMBRANE OVER 4" SELECT FILL TD 46.3K TD 20.5K CA E SEE 1/S1.01 0 0 TD 47.5K 1 \$3.01 TD 12.6K TD 12.6K TD 12.6K TD 12.6K TD 12.6K TD 12.6K W.7

FIRST FLOOR / FOUNDATION PLAN - WING B

\$2.01b T.O. MAT SLAB = DATUM = 0'-0" UON THUS X'-X"

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- SEE WALL STUD SCHEDULE FOR STUD SIZES. SEE WALL SECTIONS & DETAILS FOR PSL & LSL MEMBERS AT BEARING &
- SHEAR WALLS. PROVIDE PLYWOOD EDGE NAILING AT COLLECTOR MEMBERS.
- ALL JOISTS OR COLLECTOR BEAMS ALIGNED WITH SHEAR WALLS RECEIVE 2
- ROWS OF PLYWOOD EDGE NAILING. BLOCK AND STRAP OPENINGS AND DIAPHRAGM PER 18/S1.02.
- RIP MEMBER TO MATCH DEPTH TO MATCH ADJACENT FRMG
- MEMBERS ARE LOCATED AT MID LANDING

1/8"=1'-0"

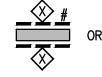
LEGEND



PLYWOOD SHEAR WALL MARK (1/2" STRUCTURAL I RATED SHEATHING) # DENOTES MINIMUM LENGTH OF WALL (SAD FOR ACTUAL LENGTH) EXTEND SHEATHING AS NECESSARY OVER/UNDER OPENINGS TO ACHIEVE FLUSH FINISH FULL LENGTH OF WALL.

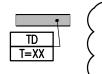


OR DENOTES SHEATHING ON BOTH SIDES OF SHEAR WALL.



INDICATES AB SPACING DIFFERS FROM SW SCHEDULE. SEE 12/S1.02. DENOTES MINIMUM NUMBER OF AB NEEDED ALONG SW LENGTH SPACING EQUALLY OVER WALL LENGTH - HOLDOWN POSTS.





SIMPSON COMPANY ANCHOR TIEDOWN SYSTEM "T=XX" DENOTES CUMULATIVE TENSION FORCE (ALLOWABLE STRESS DESIGN. SEE 8/S1.04. SEE DET 15/S1.01 FOR ANCHORAGE

TO CONC MAT

FJX* OR FBX* INDICATES FRAMING AT MID STAIR LANDING.

▲ DENOTES PRESSURE TREATED

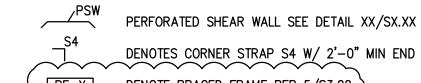
(4x (UON))COLLECTOR WITH 2 ROWS PLYWOOD EDGE NAILING DENOTES STRAP WITH 3x4 FLAT BLOCKING BELOW STRAP PER 17/S1.02.



DENOTES DEPRESSED MAT SLAB W/ 4" CONC TOPPING.



DENOTES STRAP.



DENOTES CORNER STRAP S4 W/ 2'-0" MIN END LENGTH



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issue date 11/20/15 AS INDICATED

KEYPLAN XG, AI

checked

file name

job number 201517.00

sheet number

FIRST FLOOR **FOUNDATION** PLAN - WING B

	POST SCHEDULE		
MARK	POST SIZE	REMARKS	
P1	4x4		
P2	4x6		
Р3	6x6		
P4	2-2x8		
C1	HSS5x5x¾		
C2	HSS3½x3½x5/16		
С3	HSS7x5x¾		
C4	W16x46		

3RD FLOOR | 8'-8"

1ST FLOOR | 12'-8"

2ND FLOOR | 8'-8"

MAXIMUM

STUD

HEIGHT

EXTERIOR

2x6 @ 16" OC

2x6 @ 16" OC

3x6 @ 16" OC

	STRAP SCHEDULE		
MARK	STRAP	MIN END L WHERE APPLIES	
S1	MSTC40 STRAP		
S2	CMSTC16	4'-0" MIN	
S3	CMST14-10d	4'-0" MIN	
S4	CMST12-10d	4'-0" MIN	

(EACH WALL)

STAGGERED STUD ON

2x6 SOLE PLATE OR

3x6 SILL PLATE AT CORRIDOR

2x4 @ 16" OC

3x4 @ 16" OC

4x4 @ 16" OC **~~~**

3½×3½ LVL @ 16" OC

BEARING WALL STUD SCHEDULE UON ON PLANS

SINGLE WALL

4TH FLOOR | 9'-2" | 2x6 @ 16" OC* | 2x4 @ 16" OC | 2x6 @ 16" OC | 2x4 @ 16" OC

INTERIOR WALL-SAD FOR WALL TYPE LOCATIONS

| 2x4 @ 16" OC | 2x6 @ 16" OC | 2x4 @ 16" OC

| 2x6 @ 16" OC | 3x4 <u>@</u> 1<u>6"</u> OC

JOIST SCHEDULE		
MARK	BEAM SIZE & TYPE	HANGER (WHERE REQD)
FJ1	2x10 @ 16" OC	LUS/210
FJ2	2x8 @ 16" OC	LU26
FJ3	1¾"x11%" LVL @ 16" OC	IUS1.81/11.88

MARK BEAM SIZE & TYPE REMARK SB1 W6x20 SB2 W12x16 SB3 W24x76 SB4 W27x84 SB5 HSS12x6x% SB6 W16x40	STEEL BEAM SCHEDULE		
SB2 W12x16 SB3 W24x76 SB4 W27x84 SB5 HSS12x6x5/8	MARK	BEAM SIZE & TYPE	REMARK
SB3 W24x76 SB4 W27x84 SB5 HSS12x6x5/8	SB1	W6x20	
SB4 W27x84 SB5 HSS12x6x5/8	SB2	W12x16	
SB5 HSS12x6x5/8	SB3	W24×76	
-	SB4	W27x84	
SB6 W16x40	SB5	HSS12x6x5∕8	
	SB6	W16x40	

FB1	4x10	HUCQ410-SI
FB2	6x8	HU68TF
FB3	6x10	
FB4	3%″x9″ GLM BM	HUCQ210 2-SDS
FB5	3½"x13½" GLM BM	
FB6	5%"x9" GLM BM	HUCQ5.25/ 9-SDS
FB7	6¾"x10½" GLM BM	HGU7.00-SE
FB8	5%"x13%" GLM BM	HUCQ5.25/ 11-SDS
FB9	51/8"x15" GLM BM	HUGS5.25/1
FB10	51/8"x24" GLM BM	PER PLAN
FB11	6¾"x18" GLM BM	HGUS6.88/1
FB12	6¾"x21" GLM BM	HGU7.00-SE
FB13	8¾"x33" GLM BM	PER PLAN
FB14	8¾"x21" GLM BM	HHGU9.00-S
FB15	3½"×11½"	PER PLAN
FB16	6¾"x24" GLM BM	PER PLAN
FB17	51/8"x12" GLM BM	PER PLAN

WOOD BEAM SCHEDULE

BEAM SIZE & TYPE

HANGER

(WHERE REQD)

SHEET NOTES

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- BLOCK AND STRAP OPENINGS AND DIAPHRAGM PER 18/S1.02.
- RIP MEMBER TO MATCH DEPTH TO MATCH ADJACENT FRMG MEMBERS ARE LOCATED AT MID LANDING

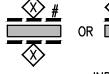
LEGEND



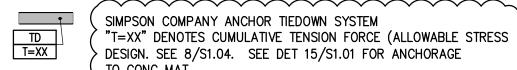
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DENOTES SHEATHING ON BOTH SIDES OF SHEAR WALL.



INDICATES AB SPACING DIFFERS FROM SW SCHEDULE. SEE 12/S1.02. DENOTES MINIMUM NUMBER OF AB NEEDED ALONG SW LENGTH SPACING EQUALLY OVER WALL LENGTH - HOLDOWN POSTS.



SIMPSON COMPANY ANCHOR TIEDOWN SYSTEM



TO CONC MAT FJX* OR FBX* INDICATES FRAMING AT MID STAIR LANDING.

DENOTES PRESSURE TREATED

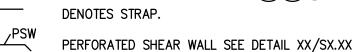
(4x (UON))COLLECTOR WITH 2 ROWS PLYWOOD EDGE NAILING DENOTES STRAP WITH 3x4 FLAT BLOCKING BELOW STRAP PER 17/S1.02.



DENOTES DEPRESSED MAT SLAB W/ 4" CONC TOPPING.



DENOTES BLOCKED DIAPHRAGM(PER DETAIL.) DENOTES STRAP.



DENOTES CORNER STRAP S4 W/ 2'-0" MIN END LENGTH

BF-X DENOTE BRACED FRAME PER 5/S3.02



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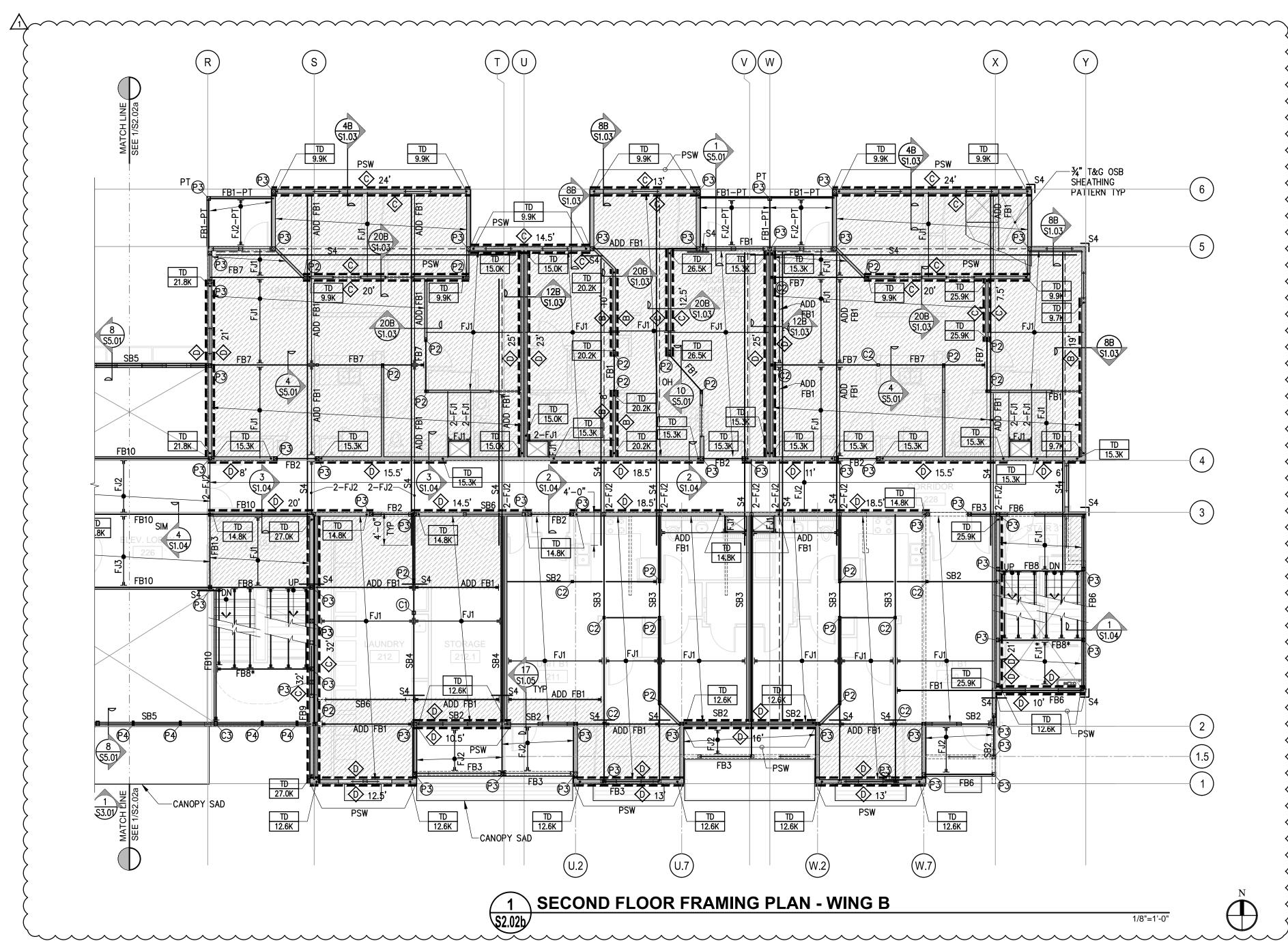
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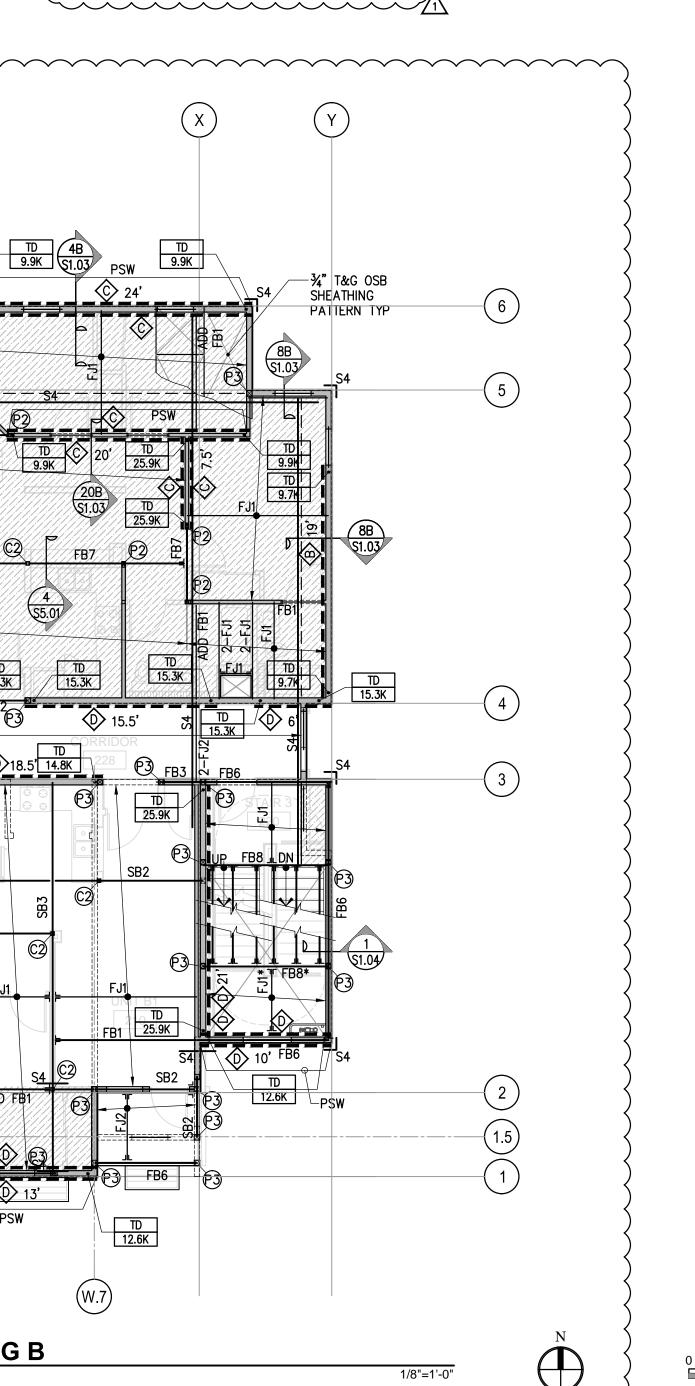
201517.00

KEYPLAN

job number

SECOND FLOOR PLAN - WING B





POST SCHEDULE		
MARK	POST SIZE	REMARKS
P1	4x4	
P2	4x6	
P3	6x6	
P4	2-2x8	
C1	HSS5x5x¾	
C2	HSS3½x3½x5⁄16	
С3	HSS7x5x¾	
C4	W16x46	

2ND FLOOR

3RD FLOOR | 8'-8"

| 1ST FLOOR | 12'-8"

MAXIMUM

STUD

HEIGHT

8'-8"

EXTERIOR

2x6 @ 16" OC

3x6 @ 16" OC

CTDAD COUEDING			
	STRAP SCHEDULE		
MARK	STRAP	MIN END L WHERE APPLIES	
S1	MSTC40 STRAP		
S2	CMSTC16	4'-0" MIN	
S3	CMST14-10d	4'-0" MIN	
S4	CMST12-10d	4'-0" MIN	

(EACH WALL)

STAGGERED STUD ON

2x6 SOLE PLATE OR

3x6 SILL PLATE AT CORRIDOR

2x4 @ 16" OC

3x4 @ 16" OC

4x4 @ 16" OC **~~~** 3½x3½ LVL @ 16" OC

BEARING WALL STUD SCHEDULE UON ON PLANS

SINGLE WALL

4TH FLOOR | 9'-2" | 2x6 @ 16" OC* | 2x4 @ 16" OC | 2x6 @ 16" OC | 2x4 @ 16" OC

INTERIOR WALL-SAD FOR WALL TYPE LOCATIONS

| 2x4 @ 16" OC | 2x6 @ 16" OC | 2x4 @ 16" OC

2x6 @ 16" OC | 3x4 @ 16" OC

JOIST SCHEDULE		
MARK	BEAM SIZE & TYPE	HANGER (WHERE REQD)
FJ1	2x10 @ 16" OC	LUS/210
FJ2	2x8 @ 16" OC	LU26
FJ3	1¾"x11%" LVL @ 16" OC	IUS1.81/11.88

MARK	BEAM SIZE & TYPE	REMARK
SB1	W6x20	
SB2	W12x16	
SB3	W24x76	
SB4	W27x84	
SB5	HSS12x6x%	
SB6	W16x40	

	MARK	BEAM SIZE & TYPE	HANGER (WHERE REQD)
	FB1	4x10	HUCQ410-SDS
	FB2	6x8	HU68TF
	FB3	6x10	
	FB4	3%"х9" GLM ВМ	HUCQ210 2-SDS
	FB5	3%"x13½" GLM BM	
	FB6	5%"x9" GLM BM	HUCQ5.25/ 9-SDS
	FB7	6¾"x10½" GLM BM	HGU7.00-SDS
	FB8	5½"x13½" GLM BM	HUCQ5.25/ 11-SDS
	FB9	51/8"x15" GLM BM	HUGS5.25/10
	FB10	51/8"x24" GLM BM	PER PLAN
	FB11	6¾"x18" GLM BM	HGUS6.88/10
	FB12	6¾"x21" GLM BM	HGU7.00-SDS
	FB13	8¾"x33" GLM BM	PER PLAN
	FB14	8¾"x21" GLM BM	HHGU9.00-SD
	FB15	3½"×11½"	PER PLAN
	FB16	6¾"x24" GLM BM	PER PLAN
7	FB17	51/8"x12" GLM BM	PER PLAN

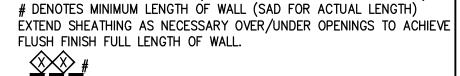
WOOD BEAM SCHEDULE

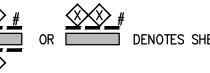
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- 9. MEMBERS ARE LOCATED AT MID LANDING

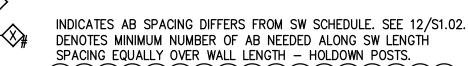
LEGEND

PLYWOOD SHEAR WALL MARK (1/2" STRUCTURAL I RATED SHEATHING)





DENOTES SHEATHING ON BOTH SIDES OF SHEAR WALL.



SPACING EQUALLY OVER WALL LENGTH - HOLDOWN POSTS. SIMPSON COMPANY ANCHOR TIEDOWN SYSTEM "T=XX" DENOTES CUMULATIVE TENSION FORCE (ALLOWABLE STRESS DESIGN. SEE 8/S1.04. SEE DET 15/S1.01 FOR ANCHORAGE

TO CONC MAT FJX* OR FBX* INDICATES FRAMING AT MID STAIR LANDING.

DENOTES PRESSURE TREATED

(4x (UON))COLLECTOR WITH 2 ROWS PLYWOOD EDGE NAILING



DENOTES DEPRESSED MAT SLAB W/ 4" CONC TOPPING.

DENOTES STRAP WITH 3x4 FLAT BLOCKING BELOW STRAP PER 17/S1.02.



DENOTES STRAP.

DENOTES BLOCKED DIAPHRAGM(PER DETAIL.)

PERFORATED SHEAR WALL SEE DETAIL XX/SX.XX

DENOTES CORNER STRAP S4 W/ 2'-0" MIN END LENGTH DENOTE BRACED FRAME PER 5/S3.02



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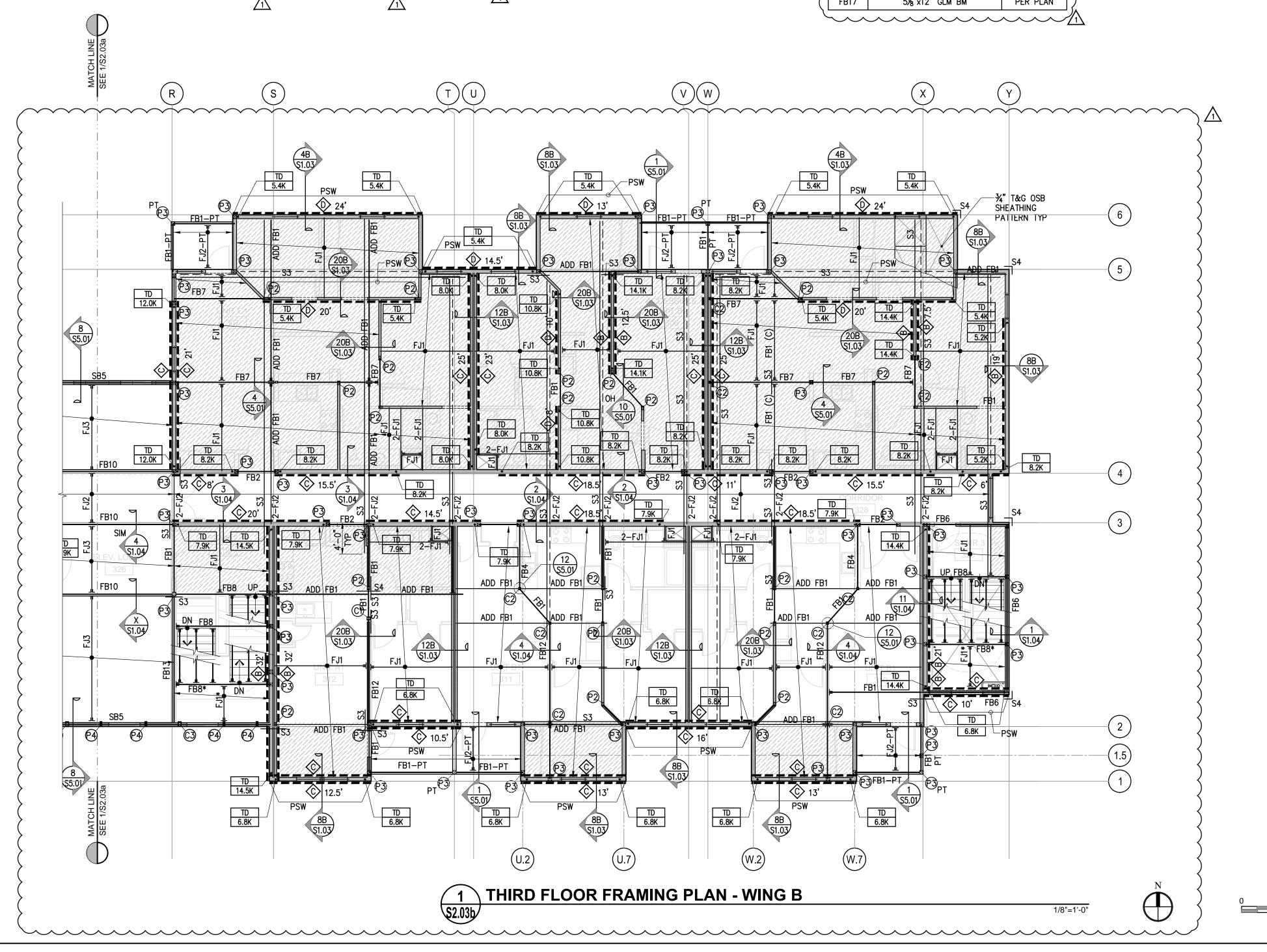
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file name

job number

THIRD FLOOR

PLAN - WING B



201517.00

POST SCHEDULE			
MARK	POST SIZE	REMARKS	
P1	4×4		
P2	4x6		
Р3	6x6		
P4	2-2x8		
C1	HSS5x5x¾		
C2	HSS3½x3½x5⁄ ₆		
С3	HSS7x5x¾		
C4	W16x46		

3RD FLOOR | 8'-8"

2ND FLOOR | 8'-8"

1ST FLOOR | 12'-8"

MAXIMUM

STUD

HEIGHT

EXTERIOR

2x6 @ 16" OC

2x6 @ 16" OC

3x6 @ 16" OC

	STRAP SCHEDULE		
MARK	STRAP	MIN END L WHERE APPLIES	
S1	MSTC40 STRAP		
S2	CMSTC16	4'-0" MIN	
S3	CMST14-10d	4'-0" MIN	
S4	CMST12-10d	4'-0" MIN	

(EACH WALL)

STAGGERED STUD ON

2x6 SOLE PLATE OR

3x6 SILL PLATE AT CORRIDOR

2x4 @ 16" OC

3x4 @ 16" OC

4x4 @ 16" OC **~~~** 3½x3½ LVL @ 16" OC

BEARING WALL STUD SCHEDULE UON ON PLANS

SINGLE WALL

4TH FLOOR | 9'-2" | 2x6 @ 16" OC* | 2x4 @ 16" OC | 2x6 @ 16" OC | 2x4 @ 16" OC

INTERIOR WALL-SAD FOR WALL TYPE LOCATIONS

| 2x4 @ 16" OC | 2x6 @ 16" OC | 2x4 @ 16" OC

| 2x6 @ 16" OC | 3x4 <u>@</u> 1<u>6</u>" OC

JOIST SCHEDULE		
MARK	BEAM SIZE & TYPE	HANGER (WHERE REQD)
FJ1	2x10 @ 16" OC	LUS/210
FJ2	2x8 @ 16" OC	LU26
FJ3	1¾"x11%" LVL @ 16" OC	IUS1.81/11.88

MARK	BEAM SIZE & TYPE	
	DEAM SIZE & TIPE	REMARK
SB1	W6x20	
SB2	W12x16	
SB3	W24x76	
SB4	W27x84	
SB5	HSS12x6x%	
SB6	W16x40	

	FB1	4x10	HUCQ410-SDS
	FB2	6x8	HU68TF
	FB3	6x10	
	FB4	3%"x9" GLM BM	HUCQ210 2-SDS
	FB5	31⁄2"x131∕2" GLM BM	
	FB6	5%"x9" GLM BM	HUCQ5.25/ 9-SDS
	FB7	6¾"x10½" GLM BM	HGU7.00-SDS
	FB8	5%"x13½" GLM BM	HUCQ5.25/ 11-SDS
	FB9	51/8"x15" GLM BM	HUGS5.25/10
	FB10	5%"x24" GLM BM	PER PLAN
	FB11	6¾"x18" GLM BM	HGUS6.88/10
	FB12	6¾"x21" GLM BM	HGU7.00-SDS
	FB13	8¾"x33" GLM BM	PER PLAN
	FB14	8¾"x21" GLM BM	HHGU9.00-SD
	FB15	3½"×11½"	PER PLAN
	FB16	6¾"x24" GLM BM	PER PLAN
7	FB17	5½"x12" GLM BM	PFR PI AN

WOOD BEAM SCHEDULE

BEAM SIZE & TYPE

MARK

HANGER

(WHERE REQD)

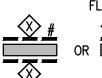
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- MEMBERS ARE LOCATED AT MID LANDING

LEGEND



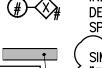
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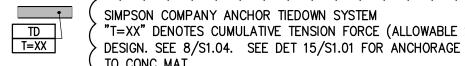
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DENOTES PRESSURE TREATED

(4x (UON))COLLECTOR WITH 2 ROWS PLYWOOD EDGE NAILING

DENOTES STRAP WITH 3x4 FLAT BLOCKING BELOW STRAP PER 17/S1.02.



DENOTES DEPRESSED MAT SLAB W/ 4" CONC TOPPING.



DENOTES BLOCKED DIAPHRAGM(PER DETAIL.) DENOTES STRAP.

PERFORATED SHEAR WALL SEE DETAIL XX/SX.XX

DENOTES CORNER STRAP S4 W/ 2'-0" MIN END LENGTH BF-X DENOTE BRACED FRAME PER 5/S3.02



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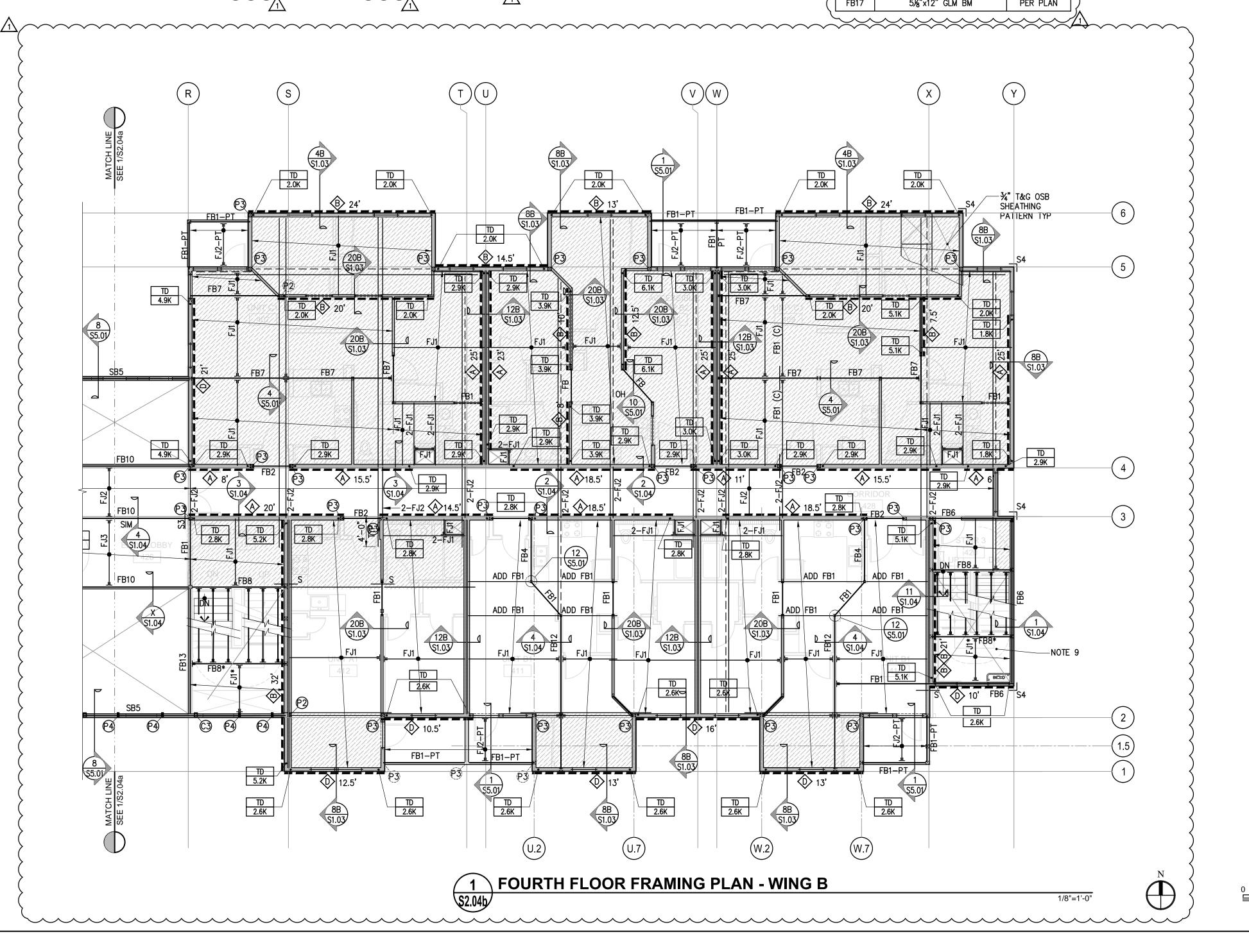
11/20/15 AS INDICATED

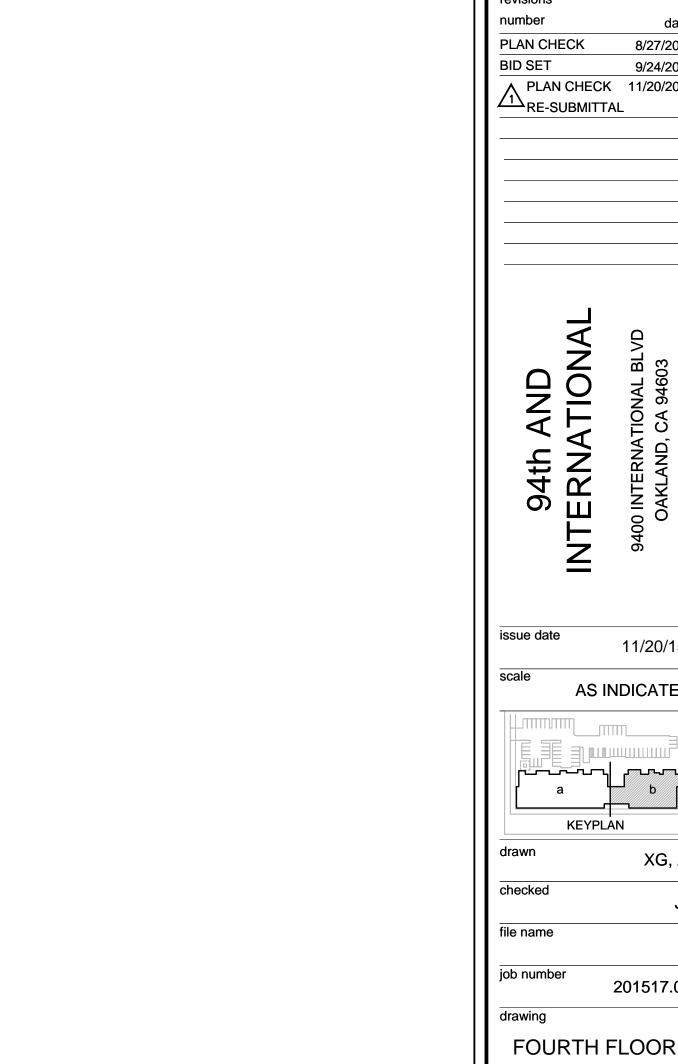
KEYPLAN

XG, AI

201517.00

PLAN - WING B





POST SCHEDULE			
MARK	POST SIZE	REMARKS	
P1	4x4		
P2	4x6		
Р3	6x6		
P4	2-2x8		
C1	HSS5x5x¾		
C2	HSS3½x3½x5/16		
C3	HSS7x5x¾		
C4	W16x46		

	STRAP SCHED	ULE
MARK STRAP		MIN END L WHERE APPLIES
S1	MSTC40 STRAP	
S2	CMSTC16	4'-0" MIN
S3	CMST14-10d	4'-0" MIN
S4	CMST12-10d	4'-0" MIN

STRAP SCHEDULE			
MARK	STRAP	MIN END L WHERE APPLIES	
S1	MSTC40 STRAP		
S2	CMSTC16	4'-0" MIN	
S3	CMST14-10d	4'-0" MIN	
S4	CMST12-10d	4'-0" MIN	

	RO	OOF JOIST AND BEAM SCH	IEDULE
RE APPLIES	MARK	BEAM SIZE & TYPE	HANGER (WHERE REQD)
MIN	RJ1	TAPERED TJI @ 24" OC 12" MIN AT BEARING AS NOTED	MIU2.56
JIN	RJ2	2x12 @ 24" OC	U210
JIN	RJ3	2x10 @ 24" OC	U210
	RJ4	2x10 @ 16" OC	U210
	RJ5	2x6 @ 24" OC	LU26
	RB1	1¾"x9½" LVL	HU9
	RB2	1¾"x11¼" LVL	HU11
	RB3	3½"x11¼" PSL	HHUS410
	RB4	5¼"x9½" PSL	HGUS5.50/10
	RB5	5¼"x11%" PSL	HHUS5.50/10
	RB6	51/4"x16" PSL	
	RB7	7"x9½" PSL	HHUS7.25/10

5¼"x9½" PSL

5¼"11%" PSL

RH2

SHEET NOTES

- 1. SEE GENERAL NOTES AND TYPICAL DETAILS ON \$1.00 \$1.06 FOR INFORMATION NOT SHOWN HEREIN. 2. POSTS SHOWN ON PLAN ARE IN ADDITION TO HOLDOWN POST REQUIRED
- FOR TIEDOWN SYSTEM. 3. SEE WALL STUD SCHEDULE FOR STUD SIZES.
- 4. SEE WALL SECTIONS & DETAILS FOR PSL & LSL MEMBERS AT BEARING & SHEAR WALLS.
- PROVIDE PLYWOOD EDGE NAILING AT COLLECTOR MEMBERS. 6. ALL JOISTS OR COLLECTOR BEAMS ALIGNED WITH SHEAR WALLS RECEIVE 2
- ROWS OF PLYWOOD EDGE NAILING. BLOCK AND STRAP OPENINGS AND DIAPHRAGM PER 18/S1.02.
- MECH UNITS WEIGHING LESS THAN 100# ARE NOT SHOWN. OF TANK AND CONTENTS TO 1000 POUNDS MAXIMUM. SOLAR TANK WEIGHT WAS NOT AVAILABLE. CONTRACTOR TO LIMIT WEIGHT

LEGEND

HHUS5.50/10

HUGS5.50/12

(C) 3½" LSL (UON) COLLECTOR WITH 2 ROWS PLYWOOD EDGE NAILING

DENOTES STRAP WITH 3x4 FLAT BLOCKING BELOW STRAP PER 17/S1.02.

DENOTES BLOCKED DIAPHRAGM.



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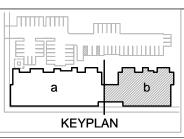
revisions number PLAN CHECK 8/27/2015 **BID SET** 9/24/2015 ↑ PLAN CHECK 11/20/2015 RE-SUBMITTAL

94th AN INTERNATION

issue date

AS INDICATED

11/20/15



XG, AI

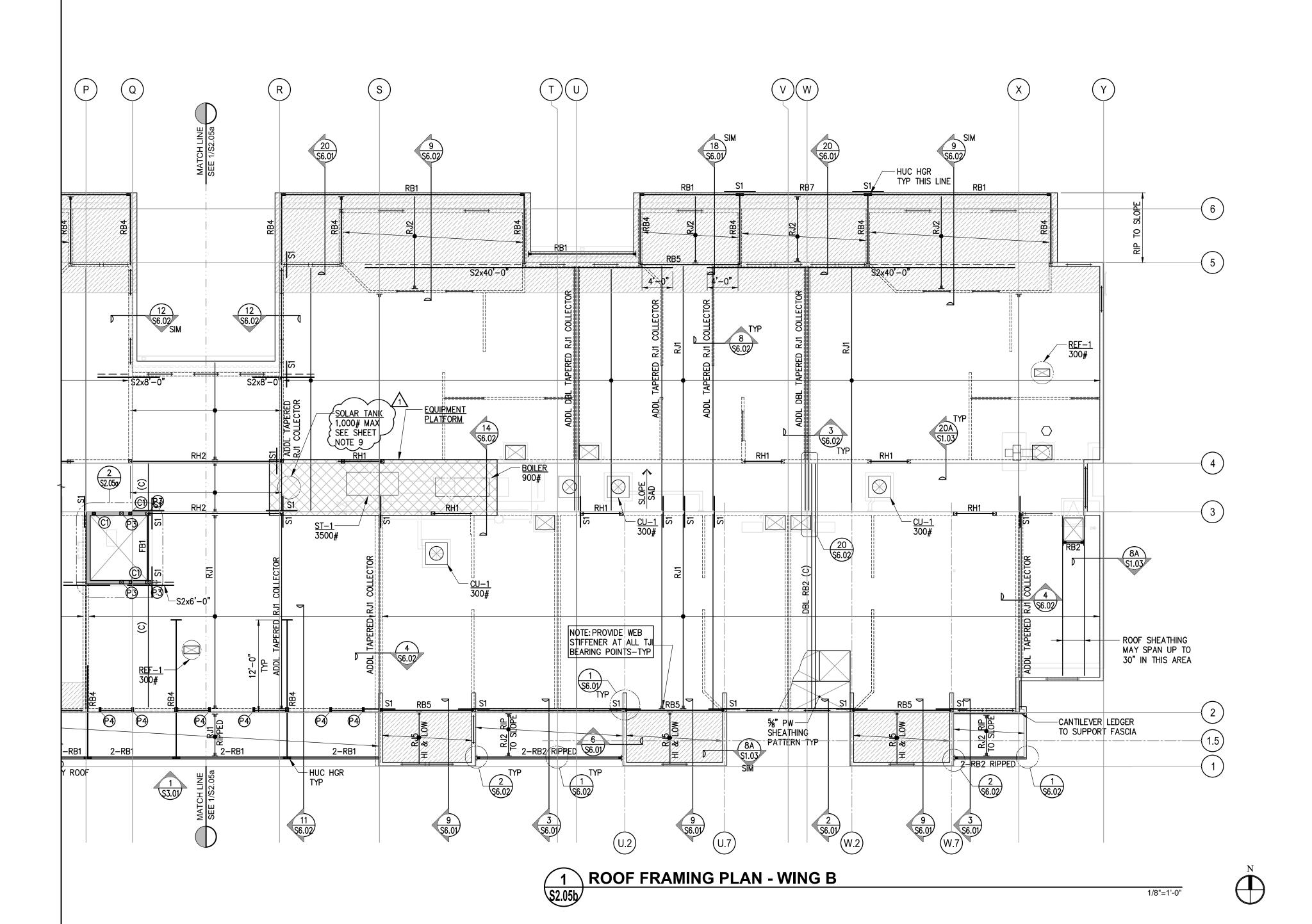
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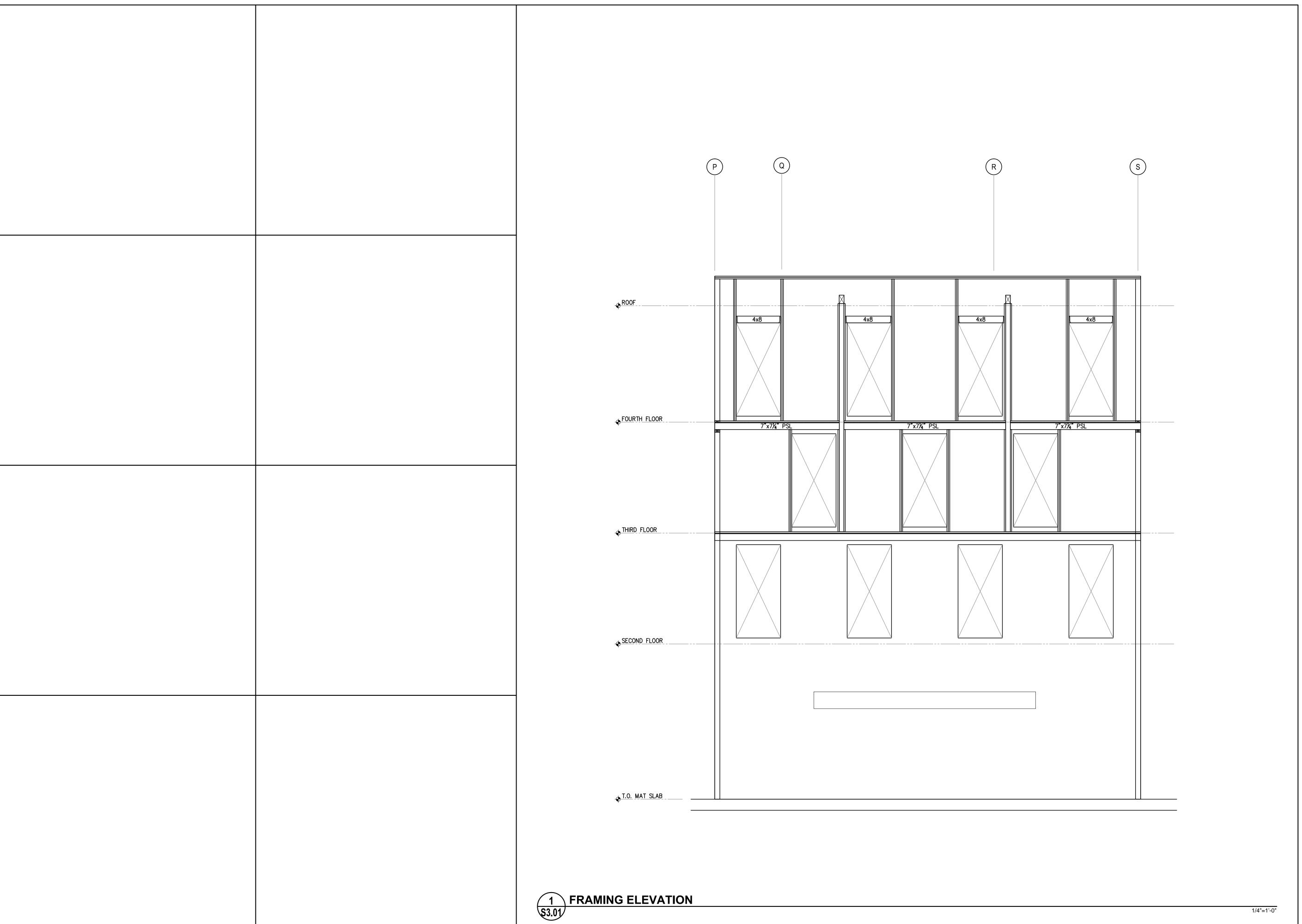
job number

ROOF FRAMING PLAN - WING B

201517.00

S2.05b





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	number	date
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	BID SET	9/24/2015
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94th AND INTERNATIONAL

issue date 11/20/15

AS INDICATED

drawn XG, AI checked JL

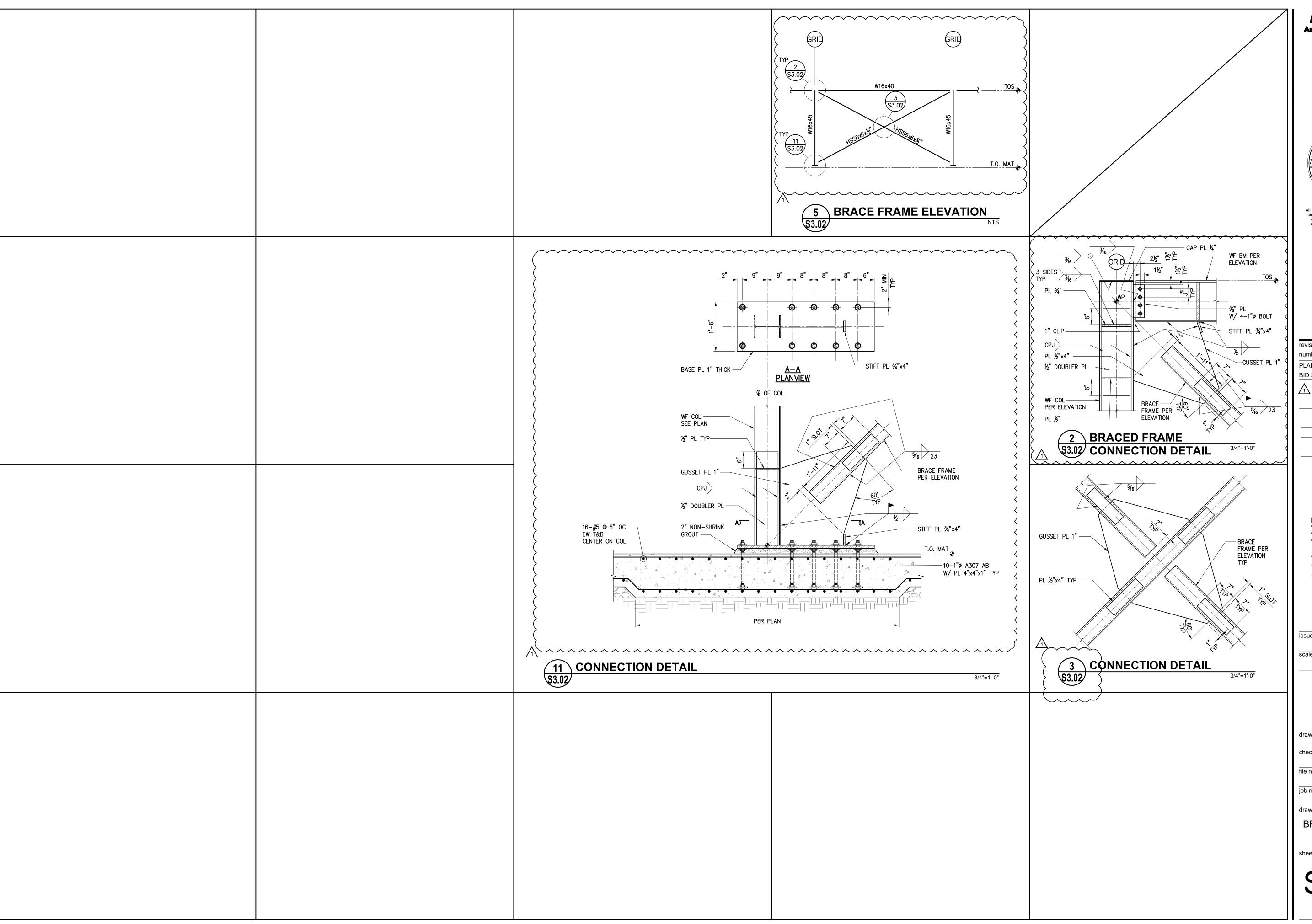
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job number 201517.00

FRAMING
ELEVATION AND
DETAILS

sheet numb

S3.01



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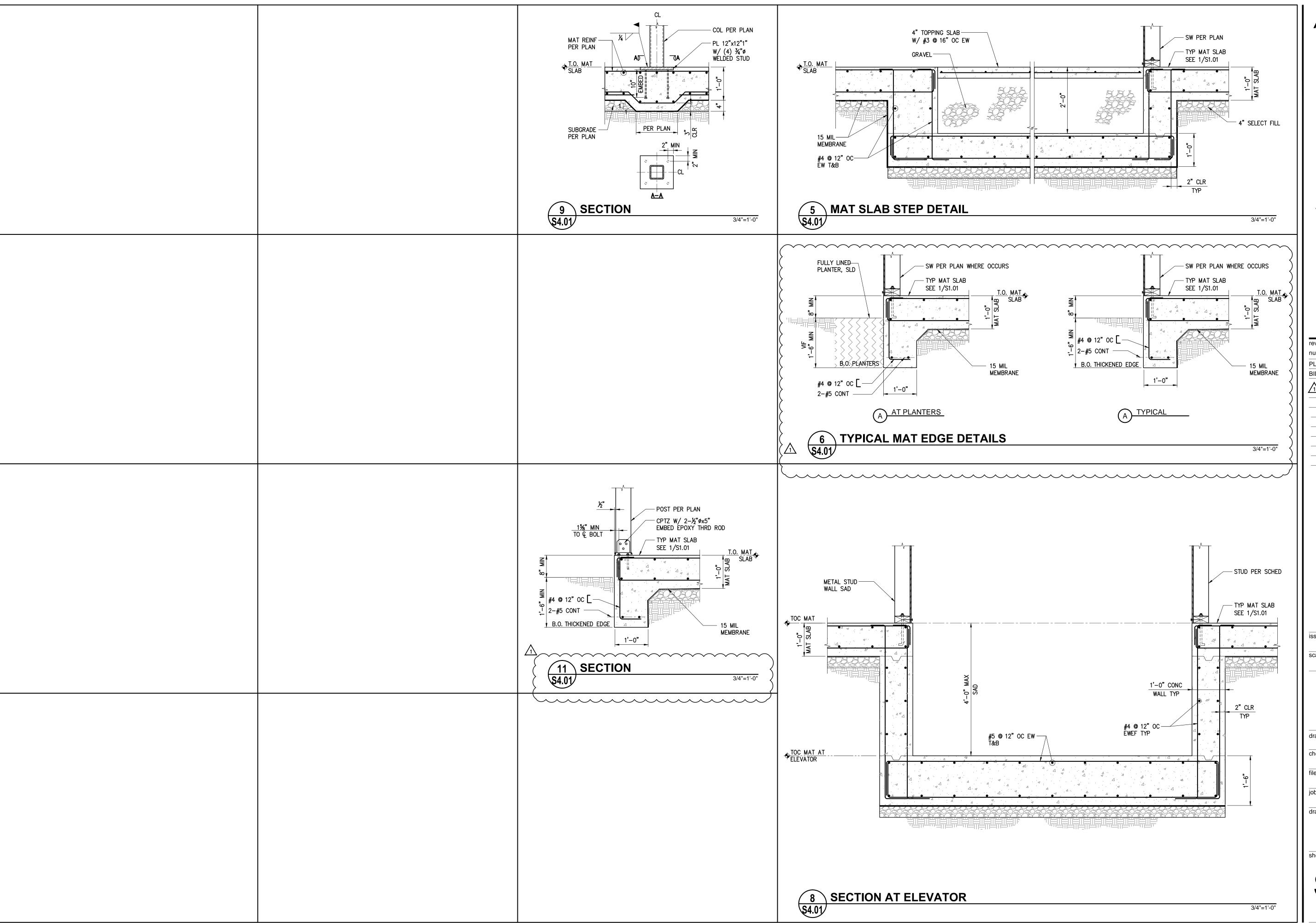
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BRACE FRAMING DETAILS

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S3.02



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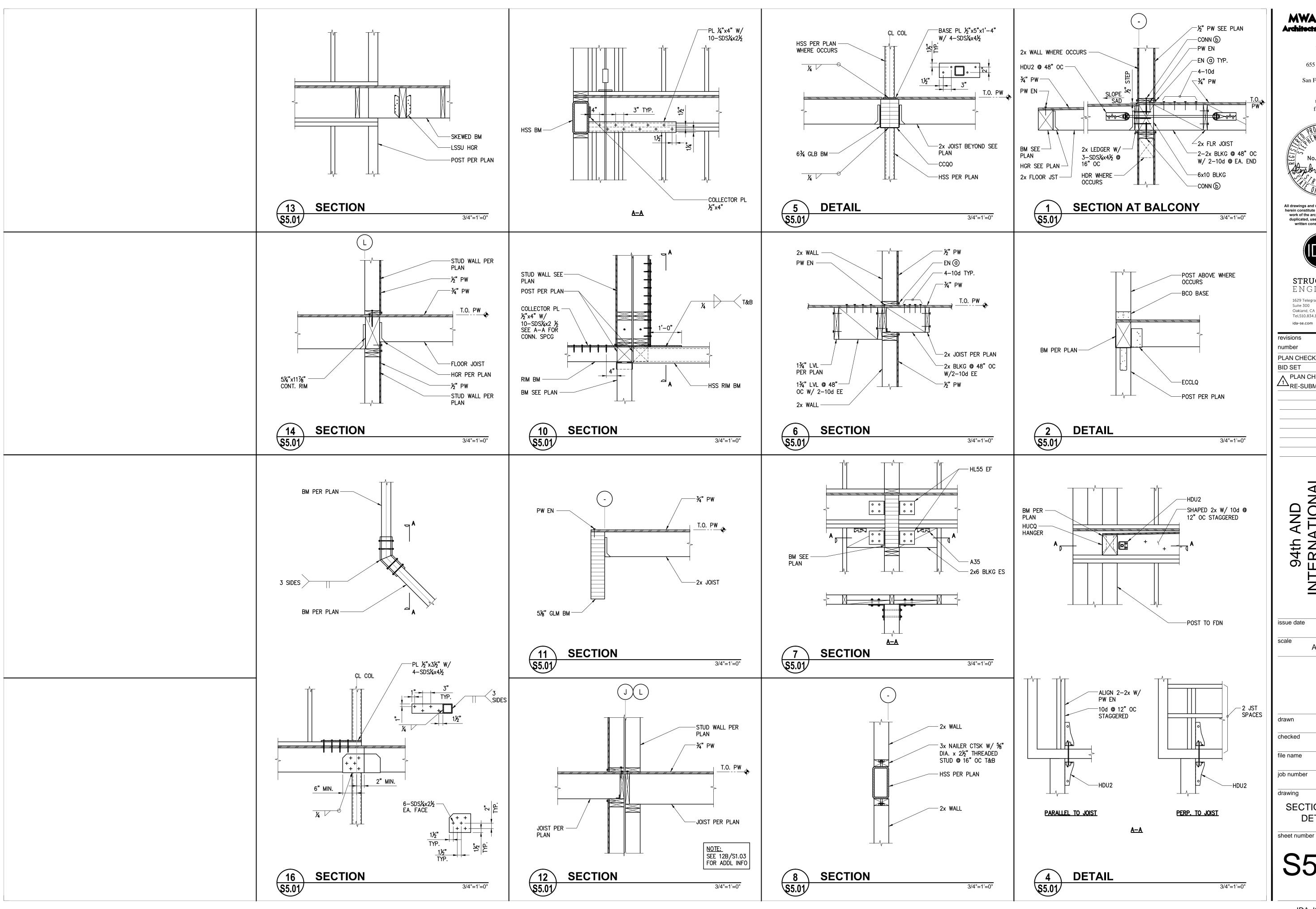
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job number 201517.00

FOUNDATION
SECTIONS AND
DETAILS

sheet number

S4.01



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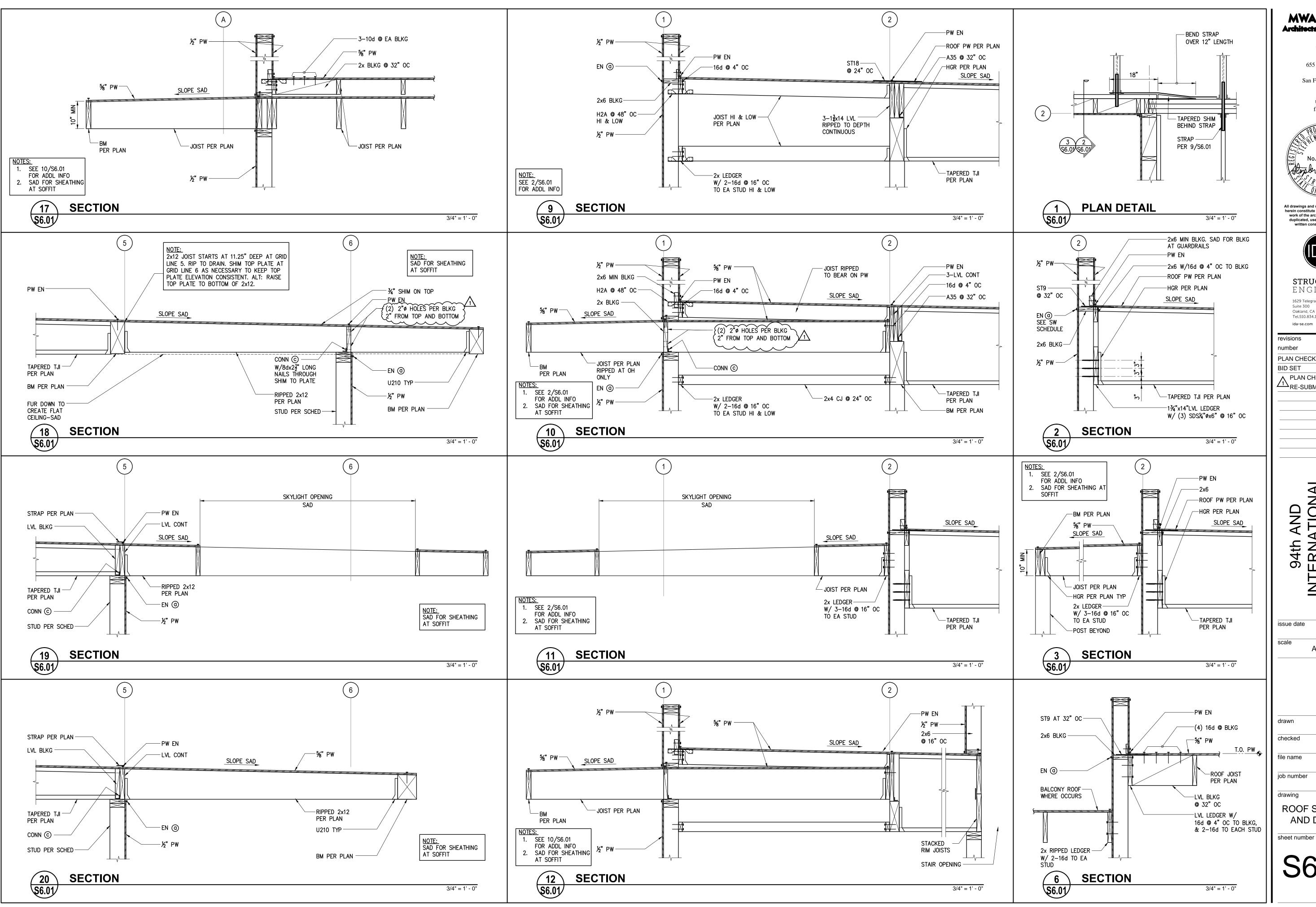
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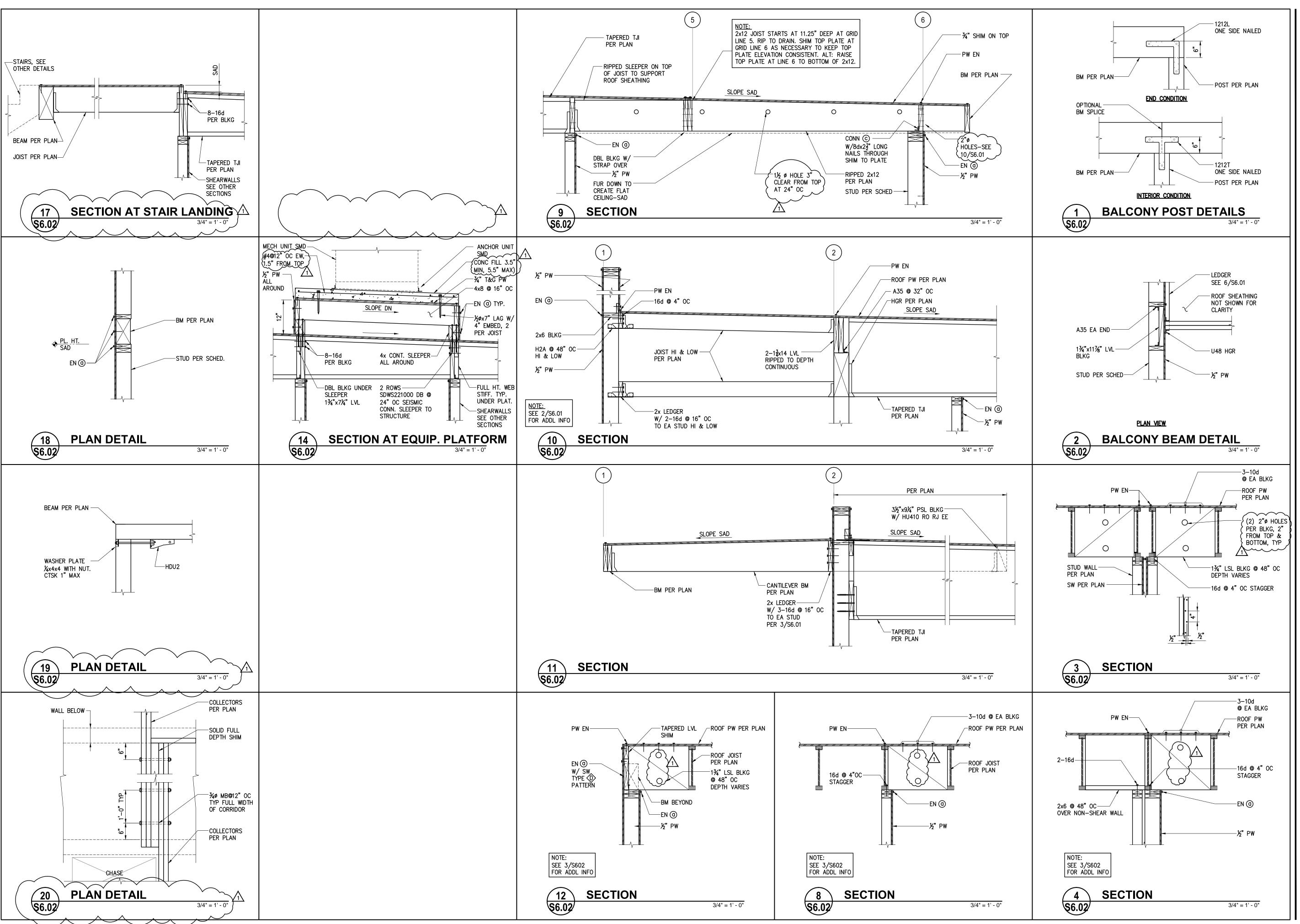
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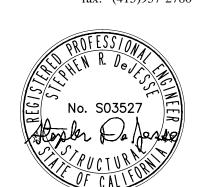
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