

GENERAL NOTES

1. DESIGN CRITERIA

Table with 2 columns: Description and Value. Includes codes for International Building Code, design loads for roof and floor, seismic design criteria, and apartment building specific loads.

APARTMENT BLDGS (CONT'D)

Table with 2 columns: Description and Value. Details seismic resisting system, bearing wall system, moment-resisting frame system, and design base shear (kips).

6. SOLID SAUN & LAMINATED LUMBER

- 6.1 LUMBER SHALL BE VISUALLY GRADED... 6.2 GRADES SHALL BE DETERMINED IN ACCORDANCE WITH SP18 GRADING RULES AGENCY... 6.3 BRACE STUD WALLS UNTO ALL PLYWOOD DECKING, ROOF TRUSSES, AND SHEAR PANELS ARE IN PLACE... 6.4 USE PRESSURE TREATED WOOD FOR ALL EXPOSED LUMBER AND SILL PLATES IN CONTACT WITH CONCRETE... 6.5 ALL SILL PLATES SHALL BE ANCHORED TO MASONRY OR CONCRETE FOUNDATIONS WITH 1/2" x 48" GRAD 48" x 48" C.C. MAX. WITH 1" EMBEDMENT (UNO)... 6.6 HANDRAILS, GUARDRAILS AND STAIRWAYS INCLUDING ALL COMPONENTS AND THEIR CONNECTIONS SHALL BE DESIGNED BY THE SUPPLIER IN ACCORDANCE WITH THE STANDARD BUILDING CODE... 6.7 INSTALL BEAMS WITH CROWN UP... 6.8 ALL LVL MEMBERS SHALL BE (MIN.): Fb=2600 psi, Fv=285 psi, E=18000000 psi... 6.9 THE NUMBER OF WALL STUDS AT BEARING POINTS OF 2X MEMBER BEAMS SHALL MATCH THE NUMBER OF MEMBERS IN THE BEAM (UNO)... 6.10 STRESS REDUCTION FACTORS USED FOR PLATES... 6.11 LUMBER SPECIES AND GRADES USED... 6.12 SEAL AND SIGNATURE OF TRUSS COMPANY ENGINEER OF RESPONSIBLE CHARGE ON ALL TRUSS ENGINEERED SHEETS OR DRAWINGS... 6.13 UNIFORM LATERAL AND CONCENTRATED LOAD REQUIREMENTS AS NOTED ON PLANS AND/OR DETAILS... 6.14 ALLOWABLE LOADS FOR STRESS GRADE LUMBER AND PLATES AS ALLOWED BY SBC/C.I. AND I.C.B.C. INCLUDING I.C.B.C. REPORT NUMBER... 6.15 FIELD REPAIR OF DAMAGED TRUSSES MUST BE APPROVED IN WRITING BY THE TRUSS ENGINEER AND ENGINEER OF RECORD... 6.16 ALL ROOF TRUSS BEARING WALLS SHALL HAVE METAL FASTENERS TO RESIST UPLIFT FORCES AS NOTED ON ROOF FRAMING PLANS... 6.17 TRUSS SUPPLIER IS TO PROVIDE PLAN AND PROCEDURES FOR INSTALLING, SECURING AND BRACING OF ALL TRUSSES... 6.18 TRUSS SUPPLIER SHALL PROVIDE TRUSS BLOCKS CAPABLE OF TRANSFERRING LATERAL LOADS AS NOTED ON PLANS AND/OR DETAILS... 6.19 APPROVED TRUSS PLANS SHALL BE AVAILABLE ON JOB SITE DURING TIMES OF INSPECTION... 6.20 TRUSS MANUFACTURER TO PROVIDE OR ALIGN TRUSS ABOVE ALL SHEAR WALLS AS DETAILED... 6.21 TRUSS MANUFACTURER TO COORDINATE WITH MECH / PLUMBING DUGS FOR ADDITIONAL CONCENTRATED LOADS DUE TO DOMESTIC WATER AND SPRINKLER PIPE SUPPORTS... 6.22 TRUSS MANUFACTURER SHALL COORDINATE TRUSS LAYOUT WITH MECHANICAL DRAWINGS TO ALLOW ALL PIPES AND DUCTS ADEQUATE SPACE FOR PROPER INSTALLATION.

7. WOOD TRUSSES

- 7.1 TRUSS CONNECTOR PLATES SHALL BE MANUFACTURED FROM ASTM A446-72 GRADE A GALVANIZED STEEL OF NO LESS THAN 20 GAGE THICKNESS WITH A MINIMUM YIELD OF 33000 PSI AND AN ULTIMATE TENSILE STRENGTH OF 45000 PSI... 7.2 TRUSS SHOP DRAWINGS SHALL BE SUBMITTED FOR THE ARCHITECT'S REVIEW PRIOR TO FABRICATION AND SHALL INCLUDE THE FOLLOWING: 1. STRESS REDUCTION FACTORS USED FOR PLATES... 2. TOP AND BOTTOM CHORD DESIGN LOADS IN PLF... 3. SIZE, GAUGE AND EXACT LOCATION BY DIMENSION OF PLATES... 4. LUMBER SPECIES AND GRADES USED... 5. SEAL AND SIGNATURE OF TRUSS COMPANY ENGINEER OF RESPONSIBLE CHARGE ON ALL TRUSS ENGINEERED SHEETS OR DRAWINGS... 6. NAME AND TRADEMARK OF PLATE MANUFACTURING AND TRUSS FABRICATOR AS WELL AS PROJECT NAME AND LOCATION... 7. UNIFORM LATERAL AND CONCENTRATED LOAD REQUIREMENTS AS NOTED ON PLANS AND/OR DETAILS... 8. ALL TRUSS CONNECTION HARDWARE REQUIREMENTS... 9. ALLOWABLE LOADS FOR STRESS GRADE LUMBER AND PLATES AS ALLOWED BY SBC/C.I. AND I.C.B.C. INCLUDING I.C.B.C. REPORT NUMBER... 7.3 FIELD REPAIR OF DAMAGED TRUSSES MUST BE APPROVED IN WRITING BY THE TRUSS ENGINEER AND ENGINEER OF RECORD... 7.4 ALL ROOF TRUSS BEARING WALLS SHALL HAVE METAL FASTENERS TO RESIST UPLIFT FORCES AS NOTED ON ROOF FRAMING PLANS... 7.5 TRUSS SUPPLIER IS TO PROVIDE PLAN AND PROCEDURES FOR INSTALLING, SECURING AND BRACING OF ALL TRUSSES... 7.6 TRUSS SUPPLIER SHALL PROVIDE TRUSS BLOCKS CAPABLE OF TRANSFERRING LATERAL LOADS AS NOTED ON PLANS AND/OR DETAILS... 7.7 APPROVED TRUSS PLANS SHALL BE AVAILABLE ON JOB SITE DURING TIMES OF INSPECTION... 7.8 TRUSS MANUFACTURER TO PROVIDE OR ALIGN TRUSS ABOVE ALL SHEAR WALLS AS DETAILED... 7.9 TRUSS MANUFACTURER TO COORDINATE WITH MECH / PLUMBING DUGS FOR ADDITIONAL CONCENTRATED LOADS DUE TO DOMESTIC WATER AND SPRINKLER PIPE SUPPORTS... 7.10 TRUSS MANUFACTURER SHALL COORDINATE TRUSS LAYOUT WITH MECHANICAL DRAWINGS TO ALLOW ALL PIPES AND DUCTS ADEQUATE SPACE FOR PROPER INSTALLATION.

8. LATERAL LOAD RESISTING SYSTEM

- 8.1 ROOF DECK AND SUBFLOORS ARE DESIGNED AS UNBLOCKED DIAPHRAGMS... 8.2 FLOOR SHEATHING SHALL BE 5/8" THICK EXPOSURE 1 RATED OSB WITH A 32/16 PANEL SPAN INDEX (US) AND BEAR THE TRADEMARK STAMP OF THE AMERICAN PLYWOOD ASSOC. (APA)... 8.3 FLOOR SHEATHING SHALL BE 23/32" THICK T 4 G EXPOSURE 1 RATED OSB WITH A 48/24 PANEL SPAN INDEX (US) AND BEAR THE TRADEMARK STAMP OF THE AMERICAN PLYWOOD ASSOC. (APA)... 8.4 STRUCTURAL PANEL SHEAR WALLS SHALL BE 15/32" THICK EXPOSURE 1 RATED OSB WITH A 16" OC WALL PANEL SPAN INDEX (US) AND BEAR THE TRADEMARK STAMP OF THE AMERICAN PLYWOOD ASSOC. (APA)... 8.5 REFER TO BRACING PLANS FOR TYPE AND LOCATION OF ALL SHEARWALLS AND HOLD DOWN ANCHORS REFER TO SHEET FOR EXPLANATION AND MINIMUM FASTENER REQUIREMENTS OF ALL SHEARWALL TYPES AND HOLD DOWN ANCHORS... 8.6 FRAMING DETAILS INCORPORATE MINIMUM REQUIREMENTS FOR LATERAL LOAD TRANSFER. ANY CHANGE, MODIFICATION OR SUBSTITUTE FOR MATERIALS (INCLUDING GRADE OR SPECIES) OR FASTENERS MUST BE APPROVED BY THE ENGINEER OF RECORD PRIOR TO CONSTRUCTION... 8.7 ALL CONNECTOR TYPES REFER TO SIMPSON STRONG-TIE SPECIFICATIONS. ANY CHANGE, MODIFICATION OR SUBSTITUTE MUST BE APPROVED BY THE ENGINEER OF RECORD PRIOR TO CONSTRUCTION.

9. MASONRY

- 9.1 MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS (Fm) SHALL BE 1500 PSI... 9.2 MATERIAL SHALL BE AS FOLLOWS: 1. CMU - GRADE N, ASTM C-90 (UNIT STRENGTH = 1500 PSI) 2. MORTAR - TYPE S FOR WALLS NOT IN CONTACT WITH EARTH 3. TYPE S FOR WALLS IN CONTACT WITH EARTH... 9.3 GROUT FOR CONCRETE MASONRY WALL SHALL CONFORM TO ASTM C416, Fc = 3000 PSI MIN. GROUT SHALL BE CONSOLIDATED BY THOROUGHLY RODDING ALL CELLS... 9.4 GROUT PLACEMENT SHALL BE LOW-LIFT. THE CONSTRUCTION JOINTS ARE CREATED BY THE LEVEL OF GROUT STOPPING AT 1/8" FROM TOP OF MASONRY AND THE STEEL REINFORCING PROJECTING ABOVE THE TOP COURSE FOR A SUFFICIENT HEIGHT TO PROVIDE A LAP AT THE SPLICE OF 48 BAR DIAMETERS. THE CONSTRUCTION JOINT SHALL BE LOCATED 3'-0" MINIMUM FROM TOP AND BOTTOM OF STRUCTURAL ELEMENTS SUCH AS SLABS, ROOFS, ETC... 9.5 CONCRETE MASONRY WALLS SHALL BE TEMPORARILY BRACED DURING ERECTION, REMOVE TEMPORARY BRACING ONLY AFTER WALLS ARE CONNECTED TO SUPPORTING ELEMENTS... 9.6 ALL CONCRETE BLOCK BELOW GRADE SHALL HAVE ALL CELLS FILLED WITH GROUT... 9.7 ALL CELLS CONTAINING REINFORCEMENT SHALL BE GROUTED SOLID... 9.8 MAXIMUM CONTROL JOINT SPACING IN MASONRY WALL = 30'-0" UNLESS NOTED. SEE ARCHITECTURAL DRAWINGS FOR LOCATION... 9.9 UNLESS SPECIFICALLY NOTED OTHERWISE, ALL CMU WALLS SHALL BE REINFORCED AS FOLLOWS: 1. VERT. REIN. # 4 @ 48" CTRD IN WALL, THROUGHOSS 2. CONTINUOUS BOND BEAM REIN # 2/8 CONT. ALL FLOOR LEVELS, @ TOP OF WALL AND @ SLAB ON GRADE ELEVATION 3. CONTINUOUS # 4 TRUSS TYPE HORIZONTAL JOINT REINFORCEMENT AT 16" OC VERTICALLY... 9.10 DOUBLE ALL CMU MASONRY WALLS INTO GRADE BEAMS, ELEVATED CONCRETE SLABS, AND CONCRETE FOUNDATION WALLS. DOUELS SHALL HAVE STANDARD HOOKS AND MINIMUM FOOTING EMBEDMENT OF 9". DOUELS SHALL BE OF SUFFICIENT LENGTH TO PROVIDE 48 BAR DIAMETER VERTICAL REINFORCING. DOUELS SHALL BE OF SAME SIZE AND LOCATION AS VERTICAL WALL REINFORCING... 9.11 SEE ARCHITECTURAL DRAWINGS FOR ALL CMU WALL OPENING SIZES AND LOCATIONS... 9.12 ALL CMU SHALL BE PLACED IN RUNNING BOND... 9.13 ALL MASONRY CONSTRUCTION AND INSPECTION SHALL COMPLY WITH ACI 530-95 & ACI 530-10... 9.14 ALL CONCRETE MASONRY CONSTRUCTION SHALL BE INSPECTED AND TESTED PER THE REG'S OF ACI 530-10. COPTS OF THE SERVICES OF AN INDEPENDENT TESTING LABORATORY TO PERFORM TESTING AND INSPECTION SERVICES SHALL BE BORNE BY THE CONTRACTOR... 9.15 CMU GROUT FILL SHALL ARRIVE AT THE JOB SITE WITH A SLUMP BETWEEN 3" TO 9". PRIOR TO DEPOSITING GROUT, SUPERPLASTICIZER SHALL BE ADDED TO THE GROUT AT THE JOB SITE INCREASING THE SLUMP TO 8" TO 10"... 9.16 CMU WALL REINFORCING SHOP DRAWINGS SHALL BE SUBMITTED TO THE ARCHITECT PRIOR TO FABRICATION. DRAWINGS SHALL SHOW ALL WALL AND PLASTER REINFORCING IN PLAN AND IN ELEVATION... 9.17 PROVIDE CORNER BARS AT ALL CORNER BEAMS TO ENSURE CONTINUITY AT CORNERS. LAP CORNER BARS 48 BAR DIAMETERS WITH BOND BEAM BARS... 9.18 PROVIDE BAR SUPPORTS AND POSITIONERS AS REQUIRED TO ENSURE THAT FINAL IN-PLACE LOCATION OF REINFORCING IS AS INDICATED ON THE DRAWINGS... 9.19 MASONRY SHALL BE PROTECTED FROM FREEZING DURING PLACEMENT CURING... 9.20 COLD WEATHER MASONRY PROCEDURES SHALL COMPLY WITH ACI 530-95 & ACI 530-10... 9.21 THE GENERAL CONTRACTOR SHALL PROVIDE AND INSTALL BRACING AND SHORING FOR ALL MASONRY WALLS AS REQUIRED TO ENSURE STABILITY DURING CONSTRUCTION.

10. NAILING

FASTENING SCHEDULE table with columns: CONNECTION, FASTENER, NUMBER OR SPACING.

Table with columns: CONNECTION, FASTENER, NUMBER OR SPACING. Lists nailing requirements for various connections like band joist to sill, joist to band joist, joist to girder, etc.

Table with columns: CONNECTION, FASTENER, NUMBER OR SPACING. Lists nailing requirements for wood structural panel subflooring, wood structural panel roof and wall sheathing, fiberboard sheathing, gypsum sheathing, gypsum wallboard, and particleboard siding.

Table with columns: CONNECTION, FASTENER, NUMBER OR SPACING. Lists nailing requirements for fiberboard sheathing, gypsum sheathing, gypsum wallboard, and particleboard siding.

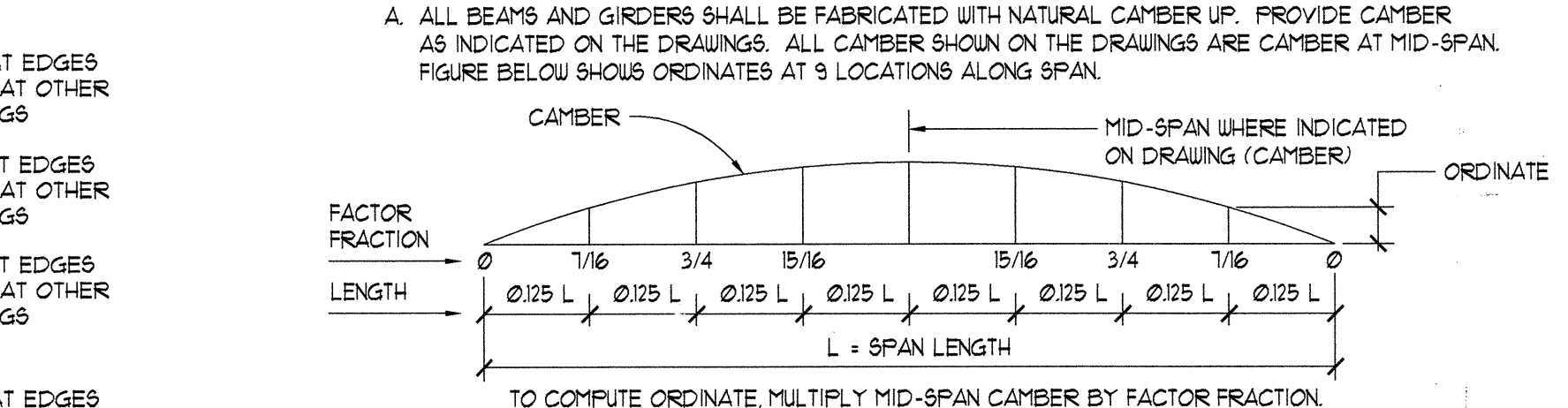
- NOTES: 1. FIBERBOARD SHEATHING MAY BE STARTLED USING # 6 GALVANIZED STAPLES 1 1/8" LONG FOR 1/2" SHEATHING AND 1 1/2" LONG FOR 25/32" SHEATHING. STAPLES TO HAVE MINIMUM CROWN OF 7/8" AND SPACED 3' OC AT EDGES AND 8' OC AT OTHER BEARINGS... 2. DRYWALL NAILS SHALL CONFORM TO ASTM C84... 3. SIDING APPLIED TO STUDS SPACED 16" OC MAXIMUM... 4. CORROSION RESISTANT NAILS SHALL BE USED AND SPACED 6" OC AT EDGE AND 8' OC AT INTERMEDIATE SUPPORTS. NAILS SHALL HAVE A MINIMUM EDGE DISTANCE OF 3/8"... 5. SIDING APPLIED TO STUDS SPACED 16" OC MAXIMUM... 6. SIDING APPLIED DIRECTLY TO STUDS SPACED 24" OC MAXIMUM... 7. USE ANNUAL OR SPIRAL THREAD NAILS FOR COMBINATION SUBFLOOR/UNDERLAYMENT... 8. FOR 1-INCH WOOD STRUCTURAL PANELS, 12" OC INTERMEDIATE NAILING SHALL BE PERMITTED... 9. ALL FASTENING REQUIREMENTS SHALL COMPLY WITH THE SCHEDULE ABOVE OR PER U.L. DESIGN AS SPECIFIED BY THE ARCHITECT, WHICHEVER IS STRICTER.

ADDITIONAL ABBREVIATIONS table with columns: ABBREVIATION, LOCATION, LOCATION, LOCATION. Lists abbreviations for structural elements like ADDL, AB, ABOL, ARCH, etc.

11. DRAWING STEEL

- 11.1 STRUCTURAL STEEL DETAILING, FABRICATION AND ERECTION SHALL BE DONE IN ACCORDANCE WITH THE AISC MANUAL OF STEEL CONSTRUCTION (9TH EDITION). ALL CONNECTIONS SHALL BE SHOWN UNLESS OTHERWISE NOTED ON DRAWINGS... 11.2 STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING: 1. SHAPES - ASTM A992 2. PLATES, ANGLES, CHANNELS - ASTM A572 GR B 3. PIPE - ASTM A501... 11.3 ALL WELDING SHALL BE DONE BY QUALIFIED WELDERS AND SHALL CONFORM TO THE 'CODE FOR ARC AND GAS WELDING IN BUILDING CONSTRUCTION', LATEST EDITION... 11.4 THE GENERAL CONTRACTOR SHALL SUBMIT TO THE ARCHITECT, FOR REVIEW, ENGINEERED AND CHECKED SHOP DRAWINGS SHOWING SHOP FABRICATION DETAILS, FIELD ASSEMBLY DETAILS AND ERECTION DRAWINGS FOR ALL STRUCTURAL STEEL... 11.5 ALL CONNECTIONS SHALL BE DESIGNED AND DETAILED BY THE FABRICATOR. DETAILING SHALL BE PERFORMED USING RATIONAL ENGINEERING DESIGN AND STANDARD PRACTICE IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. THE GENERAL DETAILS SHOWN ON THE DRAWINGS ARE CONCEPTUAL ONLY AND DO NOT INDICATE THE REQUIRED NUMBER OF BOLTS OR WELD SIZES, UNLESS SPECIFICALLY NOTED... 11.6 ALL CONNECTIONS SHALL BE SIMPLE SHEAR CONNECTIONS UTILIZING HIGH-STRENGTH BOLTS IN BEARING-TYPE CONNECTIONS (UNO) WITH THREADS INCLUDED IN THE SHEAR PLANE... 11.7 NON-COMPLETE BEAM CONNECTIONS SHALL BE DESIGNED FOR THE REACTION DUE TO MAXIMUM ALLOWABLE LOAD FOR THE APPROVED SPAN AND SHOWN BASED ON THE BEAM TABLES OF THE AISC MANUAL OF STEEL CONSTRUCTION (9TH EDITION)... 11.8 MINIMUM NUMBER OF BOLT ROUS BASED ON MEMBER DEPTH FOR W & C SHAPES ARE AS FOLLOWS: UP TO 12" DEEP - 2 ROUS 14" TO 16" DEEP - 3 ROUS 18" TO 21" DEEP - 4 ROUS 24" DEEP - 5 ROUS... 11.9 ALL SIMPLE SHEAR CONNECTIONS SHALL BE CAPABLE OF END ROTATION AS PER THE REQUIREMENTS OF THE AISC CODE SECTION ON UNRESTRAINED MEMBERS, SECTION J13... 11.10 AFTER FABRICATION, ALL STEEL SHALL BE CLEANED OF ALL RUST, LOOSE MILL SCALE AND OTHER FOREIGN MATERIALS... 11.11 THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTROL OF ALL ERECTION PROCEDURES AND SEQUENCES WITH RELATION TO TEMPERATURE DIFFERENTIALS... 11.12 THERE SHALL BE NO FIELD CUTTING OF STRUCTURAL STEEL MEMBERS FOR THE WORK OF OTHER TRADES WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT... 11.13 ALL ADDITIONAL STEEL REQUIRED BY THE CONTRACTOR FOR ERECTION PURPOSES AND SITE ACCESS OF STOCKPILED MATERIALS SHALL BE PROVIDED AT NO COST TO THE OWNER. ALL SUCH ADDITIONAL STEEL SHALL BE REMOVED BY THE CONTRACTOR... 11.14 ALL STEEL EXPOSED TO EARTH SHALL BE PAINTED WITH BITUMINOUS COATING... 11.15 ALL STRUCTURAL STEEL EXPOSED TO THE WEATHER SHALL BE SHOP PRIMED 1 FIELD FINISH (A) AND COATS OF PAINT... 11.16 ALL WELDED JOINTS SHALL COMPLY WITH THE PROVISIONS OF AWS D11, STRUCTURAL WELDING CODE BY AMERICAN WELDING SOCIETY (SECTION 2.07). THE GC SHALL MAKE PROOF OF WELDER CERTIFICATION AVAILABLE AT THE JOB SITE.

12. COMPOSITE STEEL FRAMING



- 12.1 ALL BEAMS AND GIRDERS SHALL BE FABRICATED WITH NATURAL CAMBER UP. PROVIDE CAMBER AS INDICATED ON THE DRAWINGS. ALL CAMBER SHOWN ON THE DRAWINGS ARE CAMBER AT MID-SPAN. FIGURE BELOW SHOWS ORIGINATES AT 3 LOCATIONS ALONG SPAN... 12.2 COMPOSITE BEAM CONNECTIONS SHALL BE DESIGNED FOR THE REACTIONS SHOWN BELOW OR PER NOTE NO. 64, WHICHEVER IS GREATER. UNDER NO CIRCUMSTANCES SHALL THE NUMBER OF BOLT ROUS BE LESS THAN THAT INDICATED IN NOTE 64... 12.3 HEADED STUD SHEAR CONNECTORS SHALL COMPLY WITH ASTM A108 GRADES 1016 THROUGH 1020. WELDING AND TESTING SHALL CONFORM TO ASTM A108... 12.4 DECK MANUFACTURER SHALL SUBMIT LAYOUT OF SHEAR STUD QUANTITIES AND ARRANGEMENT FOR EVERY BEAM TO STRUCTURAL ENGINEER FOR APPROVAL... 12.5 TOP FLANGE OF STRUCTURAL STEEL BEAMS AND SUPPORTS TO RECEIVE STUDS SHALL BE FREE OF PAINT, SCALE, RUST AND OTHER SUBSTANCES WHICH WOULD BE DETRIMENTAL TO THE WELDING OF STUDS THRU DECK... 12.6 SCREENS SHALL BE SET TO ASSURE A LEVEL FLOOR SLAB. SCREENS SHALL BE ADJUSTABLE SO THAT WHEN THE STRUCTURAL SYSTEM DEFLECTS WITH THE ADDITION OF WET CONCRETE, THE FLOOR WILL BE LEVEL BETWEEN MAJOR SUPPORT MEMBERS. THE COST FOR ADDITIONAL CONCRETE DUE TO DEFLECTION OF THE STRUCTURAL SYSTEM SHALL BE BORNE BY THE CONTRACTOR. ACTUAL THICKNESS OF CONCRETE ABOVE THE METAL DECK SHALL NOT BE LESS THAN THE THICKNESS INDICATED ON THE DUGS... 12.7 ATTACH COMPOSITE METAL DECK TO ALL SUPPORTING MEMBERS WITH 3/4" RIDDLE WELDS @ 12" OC. EACH DECKED STUD WELDED THRU THE DECK TO THE SUPPORTING MEMBER MAY BE CONSIDERED AS REPLACING (1) 3/4" RIDDLE WELD. PROVIDE WELDED SIDE-LAPS @ 36" OC MAX. (4 MM EA SIDE PER SPAN)... 12.8 COMPOSITE DECK SHALL BE PROVIDED WITH ADEQUATE LENGTH TO ALLOW 3 SPAN OR MORE INSTALLATION. DECK SECTION PROPERTIES SHALL BE SUFFICIENT TO ACHIEVE THE UNHORED CLEAR SPANS REPRESENTED ON THE DRAWINGS.

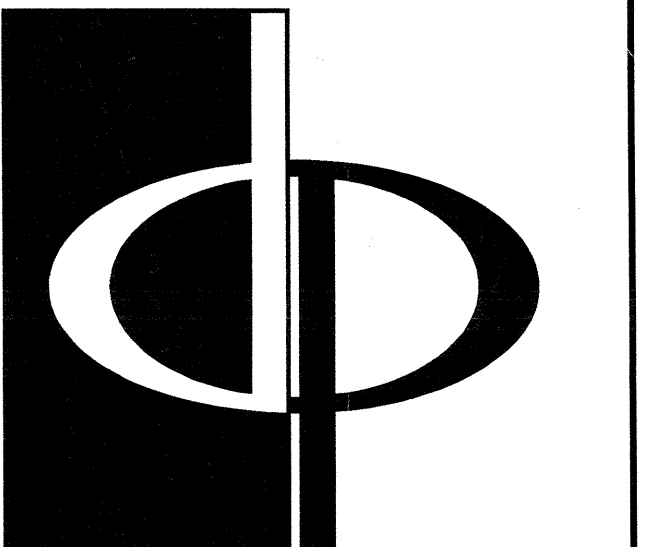
13. COLD FORMED LIGHT GAUGE METAL FRAMING

- 13.1 ALL METAL STUDS, KICKERS & JOISTS SHALL BE 'CSJ' TYPE AS MANUFACTURED BY UNIMAST OR APPROVED EQUAL UNO... 13.2 UNLESS NOTED OTHERWISE, THE FOLLOWING MINIMUM CONNECTIONS SHALL BE PROVIDED: RUNNER TO SUPPORTING STEEL - (2) 11/4 PAFs @ 16" OC MAX (TYPE DS w/ 1/8" EMBED) RUNNER TO CONCRETE SLAB - (2) 11/4 PAFs @ 16" OC MAX (TYPE DS w/ 1/8" EMBED) 1/2" OR 3/4" RUNNER - (2) 1/2" OR 3/4" PAFs @ 16" OC MAX (TYPE DN w/ 1/8" EMBED) RUNNER TO CMU WALL - (2) 1/2" OR 3/4" PAFs @ 16" OC MAX (TYPE DN w/ 1/8" EMBED)... 13.3 ALL SCREWS NOT SPECIFICALLY SIZED ON THE DUGS SHALL BE #10 SELF DRILLING SCREWS MANUFACTURED BY BUILDEX OR APPROVED EQUAL... 13.4 ALL ROUDED ACTUATED PINS SHALL BE MANUFACTURED BY HILTI OR APPROVED EQUAL. PIN CENTER TO CENTER SPACING SHALL BE NO LESS THAN 12" AND EDGE DISTANCE SHALL BE NO LESS THAN 1 1/2". ALL PINS SHALL BE 1/4" DIA... 13.5 WHERE STUDS OR JOISTS ARE NOT BRACED LATERALLY BY GYPSUM BOARD OR PLYWOOD ON EACH SIDE, PROVIDE CONTINUOUS 1 1/2" COLD ROLLED CHANNEL BRACING @ 48" OC MAX... 13.6 CONTRACTOR SHALL SUBMIT LIGHT GAUGE METAL FRAMING SHOP DUGS FOR THE ARCHITECT'S REVIEW PRIOR TO FABRICATION. SHOP DUGS SHALL INDICATE MEMBER SIZES, SPACING, PROPERTIES, AND DETAILS OF ALL CONNECTIONS... 13.7 MEMBERS NOT SPECIFICALLY SIZED ON THESE DUGS SHALL BE DESIGNED BY THE STUD SUPPLIER. CONNECTIONS TO THE ARCHITECT FOR REVIEW, CALCULATIONS SHALL BE PREPARED AND SEALED BY THE STUD SUPPLIER. ALL CALCULATIONS SHALL BE SUBMITTED WITH SHOP DUGS... 13.8 WHERE COLD FORMED METAL FRAMING IS FIELD WELDED, ALL WELDS AND SURROUNDING AREAS SHALL BE FIELD PAINTED W/ A ZINC RICH PAINT.

14. STEEL LOOSE LINTEL SCHEDULE

STEEL LINTEL SCHEDULE FOR MASONRY OPENINGS IS AS FOLLOWS table with columns: MAXIMUM SPAN, SIZE. Lists lintel sizes for spans from 3'-0" to 12'-0".

CITY OF GAITHERSBURG Permits and Inspections APPROVED stamp with signature and date. Includes a 'REVISION #1 SUMMARY' table with columns: REVISION, DATE, DESCRIPTION.

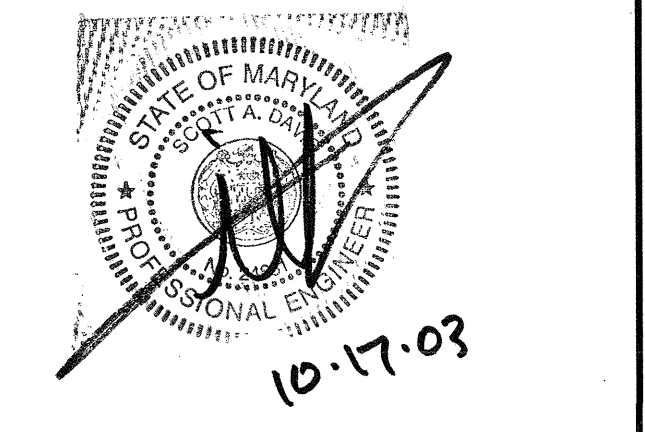


THE PRESTON PARTNERSHIP, LLC A MULTI-DISCIPLINARY DESIGN FIRM

1000 ABERNATHY ROAD NE, SUITE 600 ATLANTA, GEORGIA 30328 TELEPHONE: 770 396 7248 FAX: 770 396 2945 WWW.THEPRESTONPARTNERSHIP.COM

CONSULTANT

Revised Arch Stone plans Structural 12-12-03



PROJECT ARCHSTONE KENTLANDS 343 QUINCE ORCHARD ROAD GAITHERSBURG, MARYLAND

FOR

ARCHSTONE COMMUNITIES 6631 OLD DOMINION DRIVE NICLEAN, VIRGINIA 22101 703-683-3353

REVISIONS table with columns: REVISION, DATE, DESCRIPTION. Lists construction, review comments, and club house design revisions.

Table with columns: DATE, JOB NUMBER, DRAWN BY, CHECKED BY, DRAWING TITLE, DRAWING NUMBER, COMMENTS. Includes dates and names like BTM and KM.

GENERAL NOTES S-01

ELEVATED POST-TENSION SLAB NOTES

I. GENERAL

- A. POST-TENSIONING SUPPLIER SHALL BE A COMPANY MEMBER OF THE POST-TENSIONING INSTITUTE (PTI) AND A QUALITY CERTIFICATION PROGRAM FOR PLANTS PRODUCING UNBONDED SINGLE STRAND TENDONS FOR A MINIMUM OF THREE (3) YEARS PRIOR TO THE BID DATE OF THE PROJECT AND SHALL MAINTAIN THIS CERTIFICATION THROUGHOUT THE DURATION OF THE PROJECT. MANUFACTURERS SHALL DEMONSTRATE A CONSISTENT RECORD OF AT LEAST TEN (10) SUCCESSFUL PROJECTS OF EQUAL OR GREATER MAGNITUDE PERFORMED WITH HIS PRODUCTS OVER THE PRECEDING FIVE (5) YEARS.
B. POST-TENSIONING WORK SHALL BE INSTALLED BY A SPECIALTY CONTRACTOR OR SUBCONTRACTOR APPROVED BY THE STRUCTURAL ENGINEER. CONTRACTOR SHALL PREPARE AND SUBMIT DRAWINGS TO THE ARCHITECT/STRUCTURAL ENGINEER SHOWING HIS PROPOSED CORRECTIVE MEASURES. NO MODIFICATIONS SHALL BE MADE TO THE WORK UNTIL SUCH DRAWINGS ARE APPROVED BY THE ARCHITECT AND STRUCTURAL ENGINEER. CONTRACTOR SHALL BE RESPONSIBLE FOR COST OF SUCH CORRECTIVE MEASURES INCLUDING ARCHITECTURAL AND ENGINEERING SERVICES.
C. CONTRACTOR SHALL MAINTAIN A CONSISTENT STANDARD OF QUALITY WORKMANSHIP AND SHALL INSTITUTE AND PERFORM A 'FIELD QUALITY CONTROL' PROGRAM WHICH WILL INCLUDE, BUT SHALL NOT BE LIMITED TO THE FOLLOWING:
1. CHECKING BULKHEADS, ANCHORAGE POSITIONING, TENDON CHAIRING AND TYING, LOCATION, SIZE AND PLACEMENT OF REINFORCEMENT, AND TENDON QUALITY.
2. PRIOR TO PLACING CONCRETE OBTAIN INSPECTION OF THE TENDONS AND MILD REINFORCING STEEL BY THE ARCHITECT, STRUCTURAL ENGINEER OR INDEPENDENT TESTING LABORATORY (ITL) Hired BY OWNER UNLESS WAIVED THEREBY. CONTRACTOR SHALL PROVIDE A MINIMUM OF FIVE (5) DAYS NOTICE OF SCHEDULED TESTS.
3. INSPECT STRESSING OPERATIONS AS DIRECTED BY THE ARCHITECT OR STRUCTURAL ENGINEER OR ITL.
4. KEEP RECORDS OF MAXIMUM TENSION APPLIED TO EACH TENDON AND ALL ELONGATIONS AFTER SEATING. RECORDS SHALL BE COORDINATED WITH STRESSING RECORDS PREPARED BY ITL AND KEPT WITH THE SHOP DRAWINGS. COPIES OF ALL RECORDS SHALL BE MADE AVAILABLE TO ARCHITECT/STRUCTURAL ENGINEER WHEN REQUESTED.
5. CERTIFICATES OF CALIBRATION FOR ALL JACKING DEVICES USED ON THE PROJECT SHALL BE KEPT AND SUBMITTED TO THE ENGINEER. USE OF NON-CALIBRATED DEVICES IS NOT PERMITTED ON THIS PROJECT. IF REQUESTED BY THE ARCHITECT OR STRUCTURAL ENGINEER, THE CONTRACTOR SHALL HAVE THE RAMS CALIBRATED BY AN INDEPENDENT TESTING LABORATORY AT THE CONTRACTOR'S EXPENSE.
6. PROTECT ALL PRESTRESSING STEEL PRIOR TO PLACEMENT FROM PHYSICAL DAMAGE FROM DETRIMENTAL SUBSTANCES, SUCH AS CHLORIDES, FLUORIDES, SULPHITES AND NITRATES. PROVIDE PROTECTION FOR EXPOSED PRESTRESSING STEEL BEYOND ENDS OF MEMBERS TO PREVENT DETERIORATION BY RUST OR CORROSION.

2. SUBMITTALS

- A. SUBMIT MANUFACTURER'S POST-TENSIONING SYSTEM BROCHURES AND PRODUCT DATA WITH APPLICATION AND INSTALLATION INSTRUCTIONS FOR PROPRIETARY MATERIALS/ITEMS, INCLUDING COATED TENDONS, ANCHORAGES, WEDGES, POCKET FORMERS, COUPLERS, CLOSURES, SHEATHING, REPAIR AND PATCHING MATERIALS, AND OTHER ITEMS. INSTALLATION, CERTIFICATIONS AND OTHER DATA AND ITEMS REQUESTED BY THE ARCHITECT OR ENGINEER MAY BE REQUIRED TO DEMONSTRATE COMPLIANCE WITH OTHER ITEMS IN THIS SECTION. SUBMIT SAMPLE PRODUCTS TO THE ARCHITECT/STRUCTURAL ENGINEER WHEN REQUESTED, FOR ALL POST-TENSIONING SYSTEM PRODUCTS PROPOSED FOR USE.
B. SUBMIT MILL TEST REPORTS SIGNED BY PRODUCER AND CONTRACTOR IMMEDIATELY UPON SHIPMENT FOR ALL MATERIAL TO BE DELIVERED TO THE PROJECT. INDICATE COMPLIANCE WITH ASTM A441 AND LOW ALLOY STEEL SPECIFICATION, IF REQUIRED. TYPICAL STRESS-STRAIN CURVES SHALL BE SUBMITTED IN REPORT AND OBTAINED BY APPROVED STANDARD PRACTICES. SUBMIT DATA TO SHOW COMPLIANCE WITH 'STATIC AND DYNAMIC TEST REQUIREMENTS' DEFINED HEREIN.
C. CERTIFIED MILL TEST REPORTS SHALL BE BASED UPON A MINIMUM OF TWO (2) TESTS FOR EACH REEL, HEAT OR LOT AND IDENTIFY THE DRAWING MILL, ULTIMATE TENSILE STRENGTH, MODULUS OF ELASTICITY, ELONGATION AT RUPTURE, LOAD AT 1% EXTENSION, DIAMETER AND AREA OF STRAND, STANDARD CHEMICAL ANALYSIS, AND 1000 HOUR RELAXATION TEST IF APPLICABLE.
D. PROVIDE MATERIAL CERTIFICATES IN LIEU OF MILL TEST REPORTS WHEN PERMITTED BY ARCHITECT/STRUCTURAL ENGINEER. CERTIFICATES SHALL BE SIGNED BY PRODUCER AND CONTRACTOR CERTIFYING EACH MATERIAL ITEM COMPLIES WITH, OR EXCEEDS SPECIFIED REQUIREMENTS.
E. FOR MATERIALS NOT SPECIFIED OR IDENTIFIED BY MILL TEST REPORTS THE GUARANTEED TENSILE STRENGTH, YIELD STRENGTH, ELONGATION, COMPOSITION AND OTHER PERTINENT DATA SHALL BE SUBMITTED, AND PROPERLY MARKED SAMPLES FROM EACH REEL, HEAT OR LOT SHALL BE PROVIDED AS REQUESTED BY THE ENGINEER FOR VERIFICATION OF PRESTRESSING STEEL PROPERTIES AND QUALITY. COST OF VERIFICATION OF QUALITY OF SUCH MATERIALS, INCLUDING TESTING BY ITL, AND ARCHITECTURAL/ENGINEERING SERVICES SHALL BE BORNE BY THE CONTRACTOR.
F. IF REQUESTED BY THE ENGINEER, TWO (2) STRAND SAMPLES SHALL BE TAKEN FROM ONE END OF THE COIL AT THE FABRICATION PLANT PRIOR TO GREASING AND SHEATHING. POST-TENSIONING SUPPLIER SHALL NOTIFY THE ENGINEER WHEN THE COILS ARE READY TO BE SAMPLED.
G. FURNISH ALL MATERIALS AND HANDLING WHICH TESTING AGENCY REQUIRES. SAMPLES SUBMITTED SHALL BE ACCOMPANIED BY THE POST-TENSIONING SUPPLIER'S CERTIFICATION THAT THE SAMPLES ARE REPRESENTATIVE OF THE MATERIAL TO BE FURNISHED.
H. ANY REQUEST FOR PRODUCT OR MATERIAL SUBSTITUTION MUST BE SUBMITTED FOR REVIEW WITH ALL NECESSARY DOCUMENTATION, MINIMUM OF TEN (10) DAYS PRIOR TO TIME OF BID. NO REQUESTS FOR SUBSTITUTIONS WILL BE CONSIDERED AFTER BIDS HAVE BEEN RECEIVED.
I. SUBMIT DRAWINGS PRIOR TO FABRICATION OF POST-TENSIONING TENDONS. SHOP DRAWINGS SHALL BE PREPARED UNDER THE SUPERVISION OF AND SEALED AND SIGNED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE WHERE THE PROJECT IS LOCATED. SHOP DRAWINGS SHALL INCLUDE BUT ARE NOT LIMITED TO:
1. TENDON LAYOUT, INCLUDING DIMENSIONS LOCATING TENDONS IN HORIZONTAL PLAN, DETAIL HORIZONTAL CURVATURE DETAILS OF TENDONS AT BLOCK-OUTS, OPENINGS AND ANCHORAGES, AND ALL OPENINGS IN SLABS AND BEAMS. CLEARLY DESIGNATE EACH TENDON.
2. TENDON PROFILES SHOWING CHAIR HEIGHTS AND LOCATIONS, AND REQUIRED SUPPORT STEEL. INCLUDE ALL ACCESSORIES SPECIFIED AND/OR REQUIRED TO SUPPORT POST-TENSIONED REINFORCING AND MILD REINFORCING ASSOCIATED WITH POST-TENSIONED SYSTEM. CLEARLY SHOW LOCATION OF EACH TENDON AND METHOD OF SUPPORT.
3. DETAILS OF SPECIAL REINFORCEMENT AROUND STRESSING POCKETS, CLOSURES AND OPENINGS, INCLUDING BURSTING REINFORCEMENT, AND ANY INTERFERENCE WITH TENDONS. COORDINATE WITH MILD REINFORCING STEEL DRAWINGS AS REQUIRED.
4. DETAILS OF ANCHORAGES, POCKET FORMERS, COUPLERS, AND OTHER RELATED HARDWARE.
5. CLEARANCE REQUIREMENTS FOR THE HYDRAULIC JACKING EQUIPMENT AND THE DIMENSIONS OF ANY STRESSING POCKETS REQUIRED.
6. SEQUENCE OF CONSTRUCTION, INCLUDING INSTALLATION, POURING AND STRESSING SEQUENCES, SHOW ALL CONSTRUCTION JOINTS AND RELATED TENDON DETAILS.
J. SUBMIT PRINTS OF EACH SHOP DRAWING, REPRODUCIBLE COPIES OF CONTRACT DOCUMENTS SHALL NOT BE USED AS SHOP DRAWINGS. SHOP DRAWINGS SHALL BE REVIEWED BY CONTRACTOR PRIOR TO SUBMISSION TO ARCHITECT/ENGINEER FOR COORDINATION WITH DIMENSIONS SHOWN IN THE CONTRACT DOCUMENTS, QUANTITIES AND COORDINATION WITH OTHER TRADES. DRAWINGS NOT BEARING CONTRACTOR'S STAMP MAY BE REJECTED AT THE DISCRETION OF THE ARCHITECT OR STRUCTURAL ENGINEER.

- K. REVIEW AND RETURN OF SHOP DRAWINGS SHALL BE BASED ON A MINIMUM OF TEN (10) WORKING DAYS AS DEFINED BY THE POST-TENSIONING SUPPLIER. CERTIFIED PLANT AS DEFINED BY THE POST-TENSIONING INSTITUTE'S PROGRAM FOR CERTIFICATION OF PLANTS PRODUCING UNBONDED SINGLE STRAND TENDONS ARE PREPARED TO EQUALIZE THE WORKLOAD FOR REVIEW OF THE DRAWINGS. SUBMISSIONS SHALL BE MADE AT ONE TIME. REVIEW TIMES WHICH WILL EXCEED THOSE NOTED ABOVE.
L. CONTRACTOR SHALL PROVIDE IN HIS SCHEDULE FOR THE ABOVE NOTED TIME AND FOR APPROPRIATE ADDITIONAL TIME FOR DELIVERY (SHIPPING) OF DRAWINGS.
M. NO CLAIMS MAY BE MADE ON THE PART OF THE CONTRACTOR FOR DELAY OF THE PROJECT DUE TO SHOP DRAWING REVIEW WHICH OCCUR WITHIN THE ABOVE STATED TIME LIMITS OR FOR REVIEW WHICH TAKE GREATER TIME THAN NOTED ABOVE DUE TO SUBMISSION OF A LARGE VOLUME OF SHOP DRAWINGS AT ONE TIME.
N. SHOP DRAWINGS REJECTED DUE TO NON-COMPLIANCE WITH THE STRUCTURAL DOCUMENTS SHALL BE RESUBMITTED WITH THE SAME TIME REQUIREMENTS FOR REVIEW AS NOTED ABOVE.
O. AFTER REVIEW NEITHER PRODUCTS NOR CONSTRUCTION REQUIREMENTS INDICATED ON THE SHOP DRAWINGS MAY BE CHANGED OR DEVIATED FROM. CHANGES FOLLOWING SHOP DRAWING REVIEW MAY BE REQUESTED BY THE CONTRACTOR IN WRITING, SEPARATE FROM SHOP DRAWINGS AND SHALL CLEARLY DELINEATE REQUESTED CHANGES. CONTRACTOR SHALL NOT PROCEED WITH ANY REQUESTED CHANGES UNTIL NOTIFIED BY ARCHITECT/STRUCTURAL ENGINEER IN WRITING OF ACCEPTABILITY.
P. POST-TENSION SUPPLIER SHALL SUBMIT CALCULATIONS FOR DESIGN AND/OR SPECIFICATION OF THE POST-TENSIONING SYSTEM INCLUDING REQUIRED TENDONS, LOSSES, BEARING STRESSES, ELONGATIONS, ANCHORAGES, SPECIAL REINFORCEMENT AROUND STRESSING POCKETS, CLOSURES AND OPENINGS INCLUDING BURSTING REINFORCEMENT, COUPLERS, TENDON SUPPORTS, AND TENDON STRESSING.
Q. THE CONTRACTOR SHALL PROVIDE RECORD DRAWINGS TO THE OWNER, CARE OF THE ARCHITECT, FOR ANY APPROVED CHANGES FROM THE CONTRACT DOCUMENTS. FORM OF RECORD DRAWINGS MAY BE LEGIBLE MARKED-UP PRINTS OF CONTRACT DRAWINGS, OR SEPARATE DRAWINGS OF SAME SCALE.

3. CONCRETE

- A. POST-TENSIONED DESIGN PROCEDURES RELY IN PART ON UNCRACKED SURFACES. THE CONTRACTOR SHALL TAKE PRECAUTIONS TO INSURE THAT MIX DESIGNS, CURING PROCEDURES AND PLACING METHODS WILL MINIMIZE SHRINKAGE CRACKING. COMPLETED SLABS (AFTER STRESSING) WHICH APPEAR TO HAVE A LARGE NUMBER OF CRACKS MAY REQUIRE REPAIR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFICATION OF THE POST-TENSIONING ENGINEER FOR REVIEW OF UNUSUAL AMOUNTS OF CRACKING. WHERE REPAIRS ARE REQUIRED TO MAINTAIN THE INTEGRITY OF THE SLAB THE CONTRACTOR SHALL RETAIN THE POST-TENSIONING ENGINEER TO PROVIDE REPAIR DETAILS.
B. CONCRETE SHALL PRODUCE A MINIMUM STRENGTH OF 4000 PSI FOR COLUMNS AND SLAB AT 28 DAYS. SHALL BE 1" PER ASTM C211 OR C39. PORTLAND CEMENT SHALL CONFORM TO ASTM C-150, TYPE I. CONCRETE MIXES SHALL BE DESIGNED BY A CERTIFIED INDEPENDENT LABORATORY AND APPROVED BY THE ENGINEER OF RECORD. COMPONENTS FLUORIDE, SULPHITE, OR NITRATE IONS OR ANY OTHER SUBSTANCE DETRIMENTAL TO PRESTRESSING STEEL ARE PROHIBITED.
C. CONCRETE PLACEMENT SHALL BE PER RECOMMENDATIONS IN ACI 318 AND ACI 308. MECHANICALLY VIBRATE CONCRETE ONLY AROUND POST-TENSIONING ANCHORS AND UNDER FLOOR DUCTS, ETC. REMOVE ALL DEBRIS FROM FORMS BEFORE PLACING CONCRETE. CONCRETE PLACEMENT SLUMP SHALL BE 6 INCHES MAXIMUM, NO MORE THAN 90 MINUTES SHALL ELAPSE BETWEEN CONCRETE BATCHING AND CONCRETE PLACEMENT UNLESS APPROVED BY TESTING AGENCY. PROTECT CONCRETE FROM DAMAGE OR REDUCED STRENGTH IN HOT OR COLD WEATHER CONDITIONS ACCORDING TO ACI 308 AND 306.
D. CONCRETE PROTECTION FOR REINFORCEMENT OF POURED-IN-PLACE MEMBERS: (SEE SECTION 11.1 ACI 318 LATEST EDITION)
STRUCTURAL ELEMENT MINIMUM COVER (INCHES)
BEAMS + COLUMNS 1 1/2"
SLAB 3/4" AT BOTTOM, 3/4" AT TOP
E. MILD REINFORCING QUALITY: ASTM A615 GRADE 60 (FY + 60 KSI) FOR ALL BARS.

4. PRESTRESSING STEEL

- A. POST-TENSIONING TENDONS, WIRE SHALL CONFORM TO ASTM A421 INCLUDING SUPPLEMENTARY REQUIREMENTS. OIL TEMPERED WIRE IS PROHIBITED.
B. STRAND SHALL BE SEVEN WIRE STRESSED RELIEVED LOW RELAXATION STRAND IN ACCORDANCE WITH ASTM A446, GRADE 270 KSI, WITH A GUARANTEED ULTIMATE TENSILE STRENGTH OF 413 KSI. ALL MATERIAL SHALL BE CLEAN AND FREE OF RUST OR INJURIOUS MARKS, SCRATCHES, SEAMS, AND SHARP KINKS. OIL TEMPERED STRAND IS PROHIBITED.
NOMINAL DIAMETER 1/2 INCH
NOMINAL AREA 193 SQ. INCHES
MAXIMUM TEMPORARY JACKING FORCE 33 KIIPS

5. POST-TENSIONING TENDON PLACEMENT

- A. GENERAL: TAKE CARE TO PREVENT DAMAGE TO TENDONS DURING SHIPPING AND PLACING. TEARS IN COATED TENDON SHEATHING, IN NON-CORROSIVE ENVIRONMENTS, NEED NOT BE REPAIRED IF LESS THAN 3" IN LENGTH AND IF REPAIRS ARE NOT ON EXPOSED WIRES. TENDONS SHALL BE PLACED AND SECURED IN POSITION IN THE FORMS AS SHOWN ON THE DRAWINGS SUCH THAT THE CURVATURE OF THE TENDONS WILL BE SMOOTH AND UNIFORM. THE POST-TENSIONING SUPPLIER SHALL FURNISH INITIAL INSTRUCTION IN PLACING OPERATIONS AT JOBSITE.
B. WELDING OF CROSS BARS OR IN THE VICINITY OF TENDONS IS PROHIBITED. POST-TENSIONING TENDONS SHALL NOT BE USED AS AN ELECTRICAL GROUND FOR WELDING OPERATIONS.
C. POST-TENSIONING TENDONS SHALL HAVE A PARABOLIC PROFILE AND SHALL CONFORM TO THE CONTROL POINTS SHOWN ON THE CONTRACT DRAWINGS. DIMENSIONS LOCATING PROFILE APPLY TO THE CENTER OF GRAVITY OF THE TENDON. LOW POINTS OF THE TENDONS ARE AT MID-SPAN UNLESS NOTED OTHERWISE. TENDONS SHALL BE PLACED NORMAL TO ANCHORAGE PLATES.
D. WHERE INTERFERENCE OCCURS, CONTACT ARCHITECT/STRUCTURAL ENGINEER BEFORE MOVING ANY TENDONS. PLACEMENT OF MILD STEEL REINFORCEMENT SHALL BE COORDINATED WITH PLACEMENT OF POST-TENSIONING TENDONS. PROPER TENDON LOCATION HAS PRIORITY. SLIGHT DEVIATION IN SPACING OF SLAB TENDONS IS PERMITTED WHERE REQUIRED TO AVOID OPENINGS AND INSERTS WHICH ARE SPECIFICALLY LOCATED. HOWEVER, IN NO CASE SHALL THE MAXIMUM TENDON SPACING IN SLABS EXCEED 8 TIMES THE SLAB THICKNESS NOR 60 INCHES.
E. TENDONS AND ANCHORAGES SHALL BE FIRMLY SUPPORTED TO PREVENT DISPLACEMENT DURING SUBSEQUENT OPERATIONS. PLACING TOLERANCE SHALL BE:
PLUS OR MINUS 1/8 IN. FOR SLABS OR MEMBERS WITH DIMENSIONS OF 8 IN. OR LESS.
PLUS OR MINUS 1/4 IN. FOR CONCRETE MEMBERS WITH DIMENSIONS OVER 8 IN. BUT LESS THAN 24 IN.
PLUS OR MINUS 1/2 IN. FOR CONCRETE MEMBERS WITH DIMENSIONS OVER 24 IN.
THESE TOLERANCES APPLY SEPARATELY TO BOTH VERTICAL AND HORIZONTAL DIMENSIONS AND CAN BE DIFFERENT FOR BOTH DIRECTIONS. SUITABLE HORIZONTAL AND VERTICAL SPACERS OR CHAIRS SHALL BE INSTALLED AS SHOWN ON THE SHOP DRAWINGS.
F. TENDON SUPPORTS SHALL CONSIST OF BOLSTERS, CHAIRS, SPACERS, AND OTHER DEVICES FOR SPACING, SUPPORTING, AND FASTENING TENDONS. USE WIRE BAR TYPE SUPPORTS COMPLYING WITH (OR BETTER) RECOMMENDATIONS FOR EXPOSED TO-VIEW CONCRETE SURFACES, WHERE LEGS OF SUPPORTS ARE IN CONTACT WITH FORMS, PROVIDE SUPPORTS WITH LEGS WHICH ARE PLASTIC PROTECTED (CRS) CLASS 1; HOT DIPPED GALVANIZED OR STAINLESS STEEL PROTECTED (CRS) CLASS 2; THE TENDONS SHALL BE TIED IN SUCH A MANNER THAT BOTH VERTICAL AND HORIZONTAL MOVEMENT DURING THE CONCRETE PLACING OPERATION IS HELD TO A MINIMUM. TENDON SHALL BE SECURELY SUPPORTED AT COLUMN LINES, MIDSPAN AND POINTS OF REVERSE CURVATURE. MAXIMUM DISTANCE BETWEEN TENDON SUPPORTS SHALL BE 42".
G. SHEATHING SHALL BE CONTINUOUS OVER THE ENTIRE LENGTH OF THE STRAND AND SHALL PREVENT THE INTRUSION OF CEMENT PASTE OR LOSS OF TENDON COATING MATERIAL DURING CONCRETE PLACEMENT.
H. TENDON COUPLERS SHALL NOT BE USED WITHOUT PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
I. ANCHORAGES SHALL BE INSTALLED PERPENDICULAR TO THE TENDON AXIS AT THE LOCATION OF THE ANCHORAGE. ATTACH TO BULKHEAD FORMS BY BOLTS, NAILS, OR THREADED POCKET FORMER FITTINGS. CONNECTIONS SHALL BE SUFFICIENTLY RIGID TO AVOID ACCIDENTAL LOOSENING DUE TO CONSTRUCTION TRAFFIC OR CONCRETE PLACEMENT. MINIMUM CONCRETE COVER FOR THE ANCHORAGE SHALL NOT BE LESS THAN 1 1/2". NO OBSTRUCTIONS SHALL BE PRESENT WHICH MAY PREVENT PROPER SEATING AGAINST THE EDGE FORM.

- J. POCKET FORMERS SHALL BE USED TO PROVIDE A VOID FORM AT STRESSING AND INTERMEDIATE STRESSING ANCHORAGES AND SHALL POSITIVELY EXCLUDE INTRUSION OF CONCRETE OR CEMENT PASTE INTO THE WEDGE CAVITY DURING CONCRETE PLACEMENT. THE DEPTH OF THE POCKET FORMER FROM THE EDGE OF THE CONCRETE TO THE FACE OF THE ANCHORAGE SHALL BE NOT LESS THAN 1 1/2" FOR NORMAL ENVIRONMENTS AND 2" FOR CORROSIVE ENVIRONMENTS.
1. STRESSING ANCHORAGES: CURVATURES IN TENDON PROFILE SHALL PREFERABLY NOT BE CLOSER THAN (3) FEET FROM STRESSING ANCHORAGE.
2. INTERMEDIATE ANCHORAGES: INTERMEDIATE ANCHORAGES SHALL BE EMBEDDED IN THE CONCRETE AT CONSTRUCTION JOINTS UNLESS OTHERWISE APPROVED BY THE STRUCTURAL ENGINEER. ANCHORAGES SHALL BE INSTALLED PERPENDICULAR TO THE TENDON AXIS AND SHALL NOT BE PLACED AGAINST HARDENED CONCRETE.
3. FIXED ANCHORAGES: FIXED ANCHORAGES SHALL BE SHOP INSTALLED ON THE TENDON BY THE SUPPLIER PRIOR TO SHIPMENT TO JOBSITE. SEAT WEDGES; IF USED, IN SHOP WITH NOT MORE THAN 80% OF THE MINIMUM ULTIMATE TENSILE STRENGTH LOAD OF THE TENDON. IN CORROSIVE ENVIRONMENTS, FILL VOID AROUND WEDGE GRIPS IN SHOP WITH SAME CORROSION PREVENTIVE COATING AS USED ON TENDON AND CLOSE OR GAP WEDGE JOINT WITH WATER-TIGHT COVER.
K. WHEN GATHERING OR SPRAYING TENDONS THE SLOPE SHOULD BE A MAXIMUM OF 1:12. WHEN TENDONS ARE TO BE SPRAYED AROUND OPENINGS START THE SPRAY AT LEAST (2) FEET BEYOND THE EDGE OF THE OPENING AND LIMIT THE OFFSET TO 1:12.

6. FORMWORK, INSERTS, CONCRETE PLACEMENT

- A. FORMWORK SHALL BE DESIGNED TAKING INTO ACCOUNT THE POSSIBILITY OF THE SLAB OR GIRDER LIFTING OFF THE FORMWORK DURING TENSIONING, THEREBY TRANSFERRING ALL THE LOAD TO THE SUPPORT AREAS. PROVISIONS SHALL BE MADE TO ACCOMMODATE GRAVITY LOADS TRANSFER UPON THE PRESTRESSING FORCE IS APPLIED.
B. FORMWORK SHALL BE CONSTRUCTED TO PERMIT MOVEMENT OF THE MEMBER WITHOUT DAMAGE DURING APPLICATION OF THE POST-TENSIONING FORCE. FORMWORK SHALL NOT RESTRAIN ELASTIC SHORTENING, DEFLECTIONS OR CAMBERS RESULTING FROM APPLICATION OF THE PRESTRESSING FORCE.
C. WHEN TENDON ENDS ARE SUPPORTED ON FORMS BY DRAPING THE FORMS SHALL BE SUFFICIENTLY RIGID TO PREVENT DISPLACEMENT OF TENDONS BEYOND SPECIFIED TOLERANCES. FORMS ENDS SHALL BE PREPARED AND ERECTED PRIOR TO TENDON PLACEMENT TO ASSURE ACCURATE TENDON PLACEMENT.
D. ALL INSERTS AND ANCHORS FOR SUSPENDED MECHANICAL AND ARCHITECTURAL WORK SHALL BE CAST-IN-PLACE WHEREVER POSSIBLE. ADDITIONAL FASTENERS WILL BE PERMITTED ONLY WHEN IT CAN BE SHOWN THAT THE INSERTS WILL NOT SPALL CONCRETE AND ARE LOCATED SO AS TO AVOID HITTING TENDONS OR ANCHORAGES. THE CONTRACTOR SHALL LOCATE THE TENDONS ON THE SURFACE OF THE SLAB IF DRILLING OR CORING IS TO BE DONE AFTER CONCRETE IS PLACED.
E. CONCRETE SHALL BE PLACED IN CONFORMANCE WITH THE REQUIREMENTS OF THE SPECIFICATIONS. NO CONCRETE SHALL BE POURED UNTIL THE PLACEMENT OF THE MILD STEEL REINFORCEMENT AND TENDONS HAS BEEN INSPECTED BY THE ENGINEER OR INDEPENDENT TESTING LABORATORY.
F. CONCRETE SHALL BE PLACED IN SUCH A MANNER AS TO INSURE THAT ALIGNMENT OF POST-TENSIONING TENDONS REMAINS UNCHANGED. SPECIAL PROVISIONS SHALL BE MADE TO INSURE PROPER VIBRATION OF THE CONCRETE AROUND THE ANCHORAGE PLATES. TENDON POSITIONING SHALL BE MONITORED DURING THE POUR.
G. OPENINGS SHALL NOT BE CUT INTO P.T. CONCRETE SLAB WITHOUT THE APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
H. SLAB SHALL REACH 28 DAY STRENGTH BEFORE SHORING IS REMOVED.

7. STRESSING TENDONS

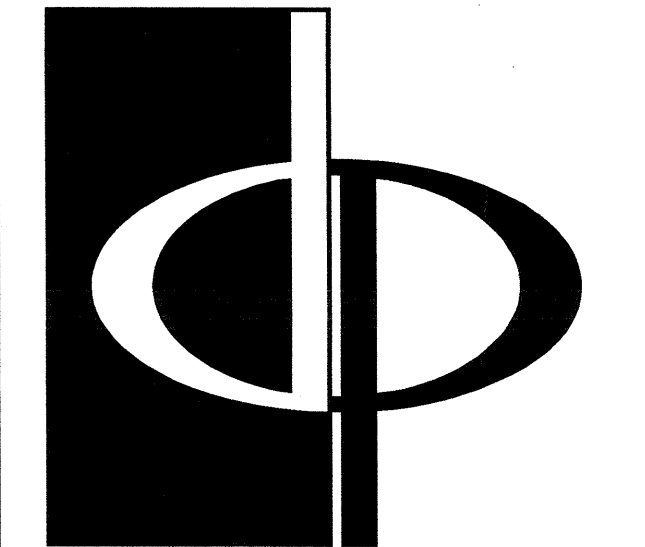
- A. POST-TENSIONING SHALL BE PERFORMED BY METHODS AND WITH EQUIPMENT THAT ARE IN CONFORMANCE WITH THESE SPECIFICATIONS AND GENERAL ACCEPTED SYSTEMS OF PRESTRESSING. THE STRESSING OPERATION SHALL BE CONDUCTED IN A MANNER RECOMMENDED BY THE MANUFACTURER OF PRESTRESSING MATERIALS. VARIATIONS FROM GENERALLY ACCEPTED METHODS AND EQUIPMENT WILL BE PERMITTED ONLY WITH APPROVAL OF ARCHITECT AND STRUCTURAL ENGINEER PROVIDED EQUAL RESULTS CAN BE OBTAINED.
B. CONTRACTOR IS RESPONSIBLE FOR ALL SAFETY PRECAUTIONS AND ENFORCEMENT THEREOF. PRECAUTIONS SHALL BE TAKEN TO PREVENT WORKERS FROM STANDING DIRECTLY BEHIND, ABOVE, OR IN FRONT OF STRESSING RAMS DURING STRESSING OPERATIONS AND TO INSURE THAT STRESSING OPERATIONS ARE CONDUCTED IN A SAFE MANNER. INSERTION OF SHIMS OR WEDGES SHALL BE PERFORMED IN A MANNER TO INSURE SAFETY OF WORKERS.
C. DUTIES OF THE POST-TENSIONING INSTALLER'S SUPERVISOR SHALL INCLUDE:
1. BEING PRESENT DURING ALL POURS.
2. CHECKING TENDON PLACEMENT BEFORE AND DURING POURING OF CONCRETE.
3. CHECKING FOR TENDONS BEING MOVED OUT OF POSITION.
4. MARKING OF TENDONS PRIOR TO STRESSING.
5. RECORDING TENDON ELONGATIONS AFTER STRESSING AND SUBMIT COPY OF ORIGINAL TO ARCHITECT AND STRUCTURAL ENGINEER.
6. CHECKING OF TENDON FORCE AND/OR ELONGATION IF REQUESTED BY THE ARCHITECT OR STRUCTURAL ENGINEER.
7. PROHIBITING CUTTING OFF OF TENDONS PRIOR TO ARCHITECT'S AND STRUCTURAL ENGINEER'S WRITTEN APPROVAL.
D. STRESSING OPERATIONS SHALL NOT BEGIN UNTIL TESTS OF CONCRETE CYLINDERS INDICATE THAT THE CONCRETE IN THE MEMBERS HAS ATTAINED A COMPRESSIVE STRENGTH OF NOT LESS THAN 75% OF 28 DAY STRENGTH OR AS OTHERWISE SPECIFIED ON THE CONTRACT DRAWINGS. SEE INSPECTION AND TESTING SECTION FOR TESTING AND CURING PROCEDURES.
E. TENDONS SHALL BE STRESSED BY MEANS OF HYDRAULIC RAMS EQUIPPED WITH CALIBRATED HYDRAULIC PRESSURE GAUGES TO PERMIT THE STRESS IN THE PRESTRESSING STEEL TO BE COMPUTED AT ANY TIME. A CERTIFIED CALIBRATION CURVE SHALL ACCOMPANY EACH RAM. IF INCONSISTENCIES BETWEEN THE MEASURED ELONGATION AND THE GAUGE READING OCCUR, ALL WORK SHALL BE SUSPENDED UNTIL THE CAUSE OF THE INCONSISTENCY IS RESOLVED TO THE SATISFACTION OF THE ITL AND STRUCTURAL ENGINEER.
F. THE PRESTRESSING STEEL SHALL BE TENSIONED WITH A FORCE THAT WILL RESULT IN THE WORKING EFFECTIVE FORCE SHOWN ON THE PLANS. JACKING FORCES SHALL BE THOSE INDICATED ON THE SHOP DRAWINGS. STRESSING FROM EACH END OF THE TENDON SHALL BE REQUIRED WHEN THERE IS EXCESSIVE FRICTION BETWEEN THE PRESTRESSING STEEL AND THE ENCLOSURES.
G. STRESSING RECORDS SHALL BE KEPT OF ALL TENDON ELONGATIONS AS PREVIOUSLY DESCRIBED IN THIS SECTION. IF INCONSISTENCIES BETWEEN THE MEASURED ELONGATION AND THE JACK GAUGE READING OCCUR, THE JACK GAUGE SHALL IMMEDIATELY BE RECALIBRATED. AGREEMENT WITHIN 1% BETWEEN THE FIELD MEASURED ELONGATIONS AFTER STRESSING AND THE CALCULATED ELONGATION SHOWN ON THE APPROVED POST-TENSIONING SUPPLIER'S SHOP DRAWINGS WILL BE CONSIDERED ACCEPTABLE.
H. NO TENSIONING WILL BE PERMITTED UNTIL IT IS DEMONSTRATED THAT THE PRESTRESSING STEEL IS REASONABLY FREE AND UNBONDED IN THE ENCLOSURE. EVIDENCE THAT THE STEEL IS UNBONDED WILL BE CONSIDERED SATISFACTORY. INWARD MOVEMENT OF STEEL IS OBSERVED AT ONE END OF THE TENDON WHEN A NOMINAL PLUG IS APPLIED TO THE STEEL AT THE OTHER END, OR PROPER ELONGATION AGREEMENT IS OBTAINED. A FORCE/ELONGATION CHECK MAY BE ORDERED AT ANY TIME BY THE ARCHITECT OR STRUCTURAL ENGINEER.
I. AFTER STRESSING AND PRIOR TO GROUTING OR INFILLING FOUR STRIPS, CONTRACTOR SHALL PROTECT EXPOSED ANCHORAGES FROM DAMAGE.

8. GROUTING ANCHORAGE RECESSES:

- A. DO NOT CUT OFF TENDONS UNTIL THE FORMWORK HAS BEEN REMOVED AND THE SLAB OR BEAM IS INSPECTED FOR VOIDS OR DISCONTINUITIES, AND THE STRESSING RECORDS HAVE BEEN REVIEWED AND APPROVED IN WRITING BY THE ARCHITECT AND STRUCTURAL ENGINEER. CARE SHALL BE TAKEN TO AVOID HEATING THE WEDGES.
B. CUT OFF EXCESS TENDON AT LEAST 1/2 INCH INSIDE THE FACE OF THE FINISHED CONCRETE SURFACE, BUT NOT LESS THAN 3/4 INCH FROM THE FACE OF THE WEDGES. CUT BY MEANS OF OXYACETYLENE CUTTING, AIR-DRIVE WHEEL OR HYDRAULIC SHEARS. IN CASE OF OXYACETYLENE CUTTING OF TENDON, CARE SHALL BE TAKEN TO AVOID DIRECTING THE FLAME TOWARD THE WEDGES.
C. IN NON-CORROSIVE ENVIRONMENTS STRESSING ANCHORAGES, INCLUDING WEDGES, SHALL BE COATED WITH RUST-O-LEUM OR APPROVED EQUAL CORROSION RESISTANT COATING.
D. FOR TENDONS USED IN CORROSIVE ENVIRONMENTS, AS INDICATED ON THE DRAWINGS OR BY THE ARCHITECT/STRUCTURAL ENGINEER, THE EXPOSED STRAND AND WEDGE AREAS SHALL BE COATED WITH TENDON COATING MATERIAL COMPARABLE TO THAT USED OVER THE LENGTH OF THE TENDON, AND A WATER-TIGHT GAP SHALL BE APPLIED OVER THE COATED AREA.
E. STRESSING POCKETS SHALL BE FILLED FLUSH TO CONCRETE SURFACE WITH NON-SHRINK NON-METALLIC GROUT, COMPATIBLE FOR USE WITH PRESTRESSING STEEL, AS SOON AS PRACTICAL AFTER TENDON STRESSING AND CUTTING. UNDER NO CIRCUMSTANCES SHALL THE GROUT USED FOR POCKET FILLING CONTAIN CHLORIDES OR OTHER CHEMICALS KNOWN TO BE DELETERIOUS TO THE PRESTRESSING STEEL.
F. PRIOR TO INSTALLING THE GROUT, THE INSIDE CONCRETE SURFACES OF THE POCKET SHALL BE COATED OR PREPARED WITH AN EPOXY RESIN BONDING AGENT. CARE SHALL BE TAKEN TO PREVENT CONTAMINATION OF THE ANCHORAGE RECESS SURFACE WHICH MAY REDUCE THE BONDING CAPACITY OF THE NON-SHRINK GROUT.

9. INSPECTION AND TESTING

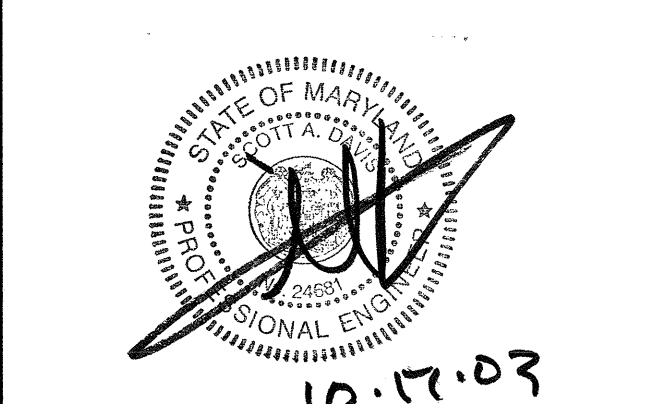
- A. OWNER WILL EMPLOY, AT HIS EXPENSE, AN INDEPENDENT TESTING LABORATORY (ITL) TO PERFORM QUALITY ASSURANCE PROGRAM WHICH WILL INCLUDE, BUT SHALL NOT BE LIMITED TO THE FOLLOWING TESTING/REPORTS:
1. VERIFY THAT POST-TENSIONING OPERATIONS ARE PERFORMED AND POST-TENSIONING REINFORCEMENT IS PLACED ACCORDING TO REFERENCED STANDARDS AND REQUIREMENTS OF THE DRAWINGS AND SPECIFICATIONS.
2. VERIFY THAT CONTRACTOR IS USING APPROVED PRODUCTS AND MATERIALS.
3. PREPARE 'STRESSING RECORDS' DURING POST-TENSIONING IN A FORMAT ACCEPTABLE TO ARCHITECT/STRUCTURAL ENGINEER AND TO INCLUDE BUT NOT BE LIMITED TO THE FOLLOWING DATA:
A. PROJECT IDENTIFICATION NAME AND NUMBER
B. DATE OF STRESSING OPERATION
C. IDENTIFICATION OF TENDONS BEING STRESSED
D. SERIAL OR IDENTIFICATION NUMBER OF STRESSING RAM AND GAUGE
E. DATE AND ACCURACY OF RAM CALIBRATION
F. REQUIRED AND MEASURED ELONGATION FOR EACH JACKING POINT
G. TOTAL ELONGATION FOR EACH TENDON
H. REQUIRED AND ACTUAL GAUGE PRESSURE OR FORCE AT EACH TENDON
I. IDENTIFICATION OF FLOOR, POUR AND CONCRETE MEMBER
J. SIGNATURE OF THE CONTRACTOR'S STRESSING SUPERVISOR
K. SIGNATURE OF ITL INSPECTOR WITNESSING THE OPERATION.
STRESSING RECORDS SHALL BE SUBMITTED TO THE ARCHITECT/STRUCTURAL ENGINEER PROMPTLY UPON COMPLETION OF POUR. AT ANY TIME A RECHECK MAY BE ORDERED BY THE ARCHITECT/STRUCTURAL ENGINEER IF IT APPEARS THAT THE DESIGN STRESSES ARE NOT BEING ACHIEVED.
4. COORDINATE WITH ITL WORK FOR MAKING AND TESTING CONCRETE CYLINDERS, AND AS NOTED BELOW.
A. COMPRESSION TEST SPECIMENS: FOR POST-TENSIONED CONCRETE WORK, MAKE ONE (1) ADDITIONAL STANDARD CYLINDER 'STRESSING STRENGTH SPECIMEN' WITH EACH SET OF TEST SPECIMENS. CYLINDER TO BE USED TO ESTABLISH 75% OF REQUIRED 28 DAY STRENGTH AS REQUIRED TO BEGIN STRESSING OPERATIONS.
B. FIELD CURE CYLINDERS: FOR POST-TENSIONED CONCRETE WORK, STORE ENTIRE SET OF COMPRESSION TEST SPECIMENS UNDER FIELD CONDITIONS UNTIL STRESSING STRENGTH IS VERIFIED, THEN TRANSPORT REMAINING SPECIMENS OF EACH SET FOR ITL LABORATORY CURING.
C. COMPRESSIVE STRENGTH TESTS: TEST 'STRESSING STRENGTH SPECIMEN' TIME INTERVAL ESTABLISHED WITH ARCHITECTURAL ENGINEER AND CONTRACTOR TO VERIFY ATTAINMENT OF STRENGTH REQUIRED TO BEGIN STRESSING OPERATIONS.
D. RE-TESTING: FAILURE OF 'STRESSING STRENGTH SPECIMEN' TO ACHIEVE REQUIRED STRENGTH WILL NECESSITATE ADDITIONAL TESTING. SUCH ADDITIONAL TESTING, IF REQUIRED, SHALL BE AT THE CONTRACTOR'S EXPENSE.



THE PRESTON PARTNERSHIP, LLC
A MULTI-DISCIPLINARY DESIGN FIRM
1000 ABERNATHY ROAD NE, SUITE 600
ATLANTA, GEORGIA 30328
TELEPHONE: 770 396 7248
FAX: 770 396 2945
WWW.THEPRESTONPARTNERSHIP.COM

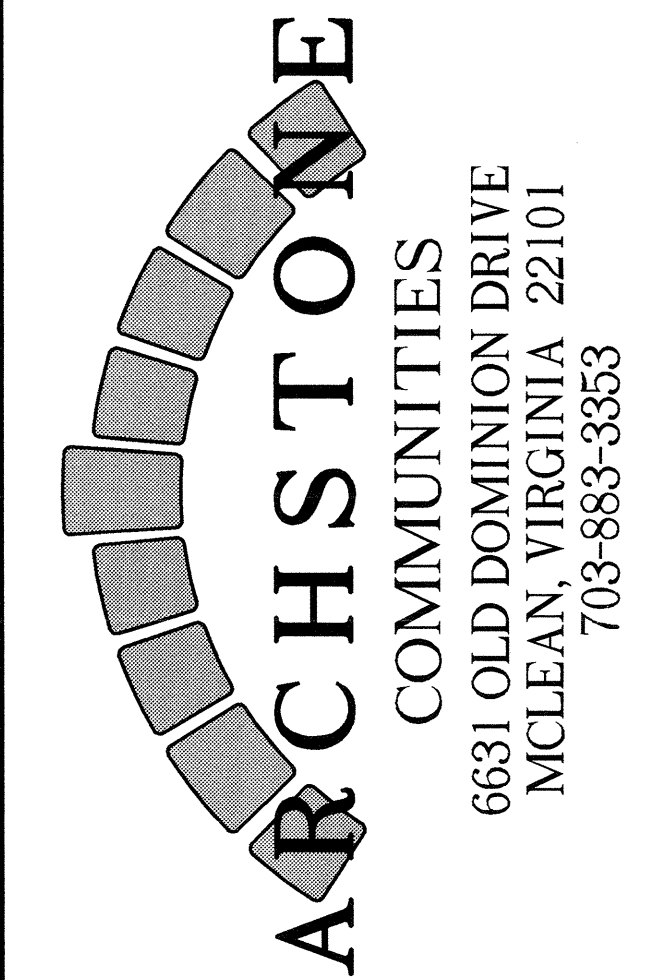
CONSULTANT

SEAL



ARCHSTONE
KENTLANDS
349 JUNE ORCHARD ROAD
GAITHERSBURG, MARYLAND

FOR



ARCHSTONE COMMUNITIES

6631 OLD DOMINION DRIVE
MCLEAN, VIRGINIA 22101
703-883-3363

REVISIONS

RELEASED FOR CONSTRUCTION 07/18/03

Table with 2 columns: Description, Date. Includes entries for JOB NUMBER (013/03), DRAWN BY (021108), CHECKED BY (BTM), and DRAWING TITLE (KM).

DATE 01/31/03

JOB NUMBER 013/03

DRAWN BY 021108

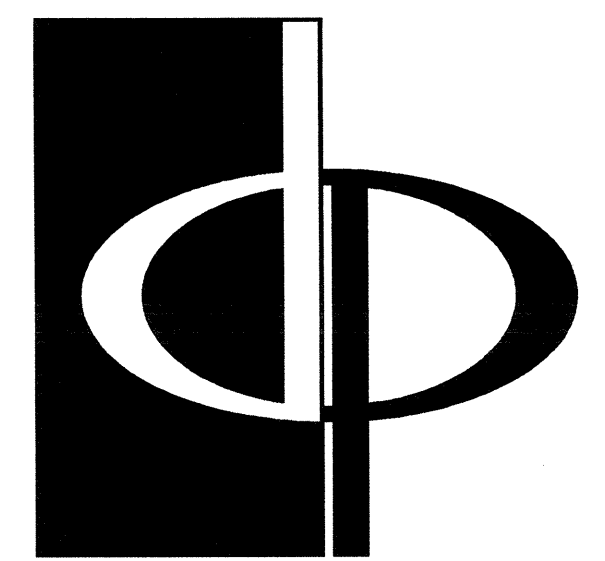
CHECKED BY BTM

DRAWING TITLE KM

GENERAL NOTES & SPECIFICATIONS

DRAWING NUMBER S-02

COMMENTS



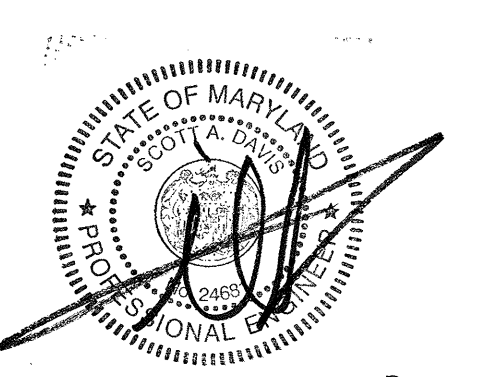
THE PRESTON PARTNERSHIP, LLC
A MULTI-DISCIPLINARY DESIGN FIRM

1000 ABERNATHY ROAD NE, SUITE 600
ATLANTA, GEORGIA 30328
TELEPHONE: 770 396 7248
FAX: 770 396 2945

WWW.THEPRESTONPARTNERSHIP.COM

CONSULTANT

SEAL



PROJECT
ARCHSTONE KENTLANDS
849 QUINCE ORCHARD ROAD
GAITHERSBURG, MARYLAND

FOR

ARCHSTONE
COMMUNITIES
6631 OLD DOMINION DRIVE
MCLEAN, VIRGINIA 22101
703-863-3353

REVISIONS

RELEASED FOR CONSTRUCTION	07/18/03
TOM POPOFF REVIEW COMMENTS	07/18/03
CLUB HOUSE DESIGN	09/15/03
CLUB HOUSE COORD	10/06/03

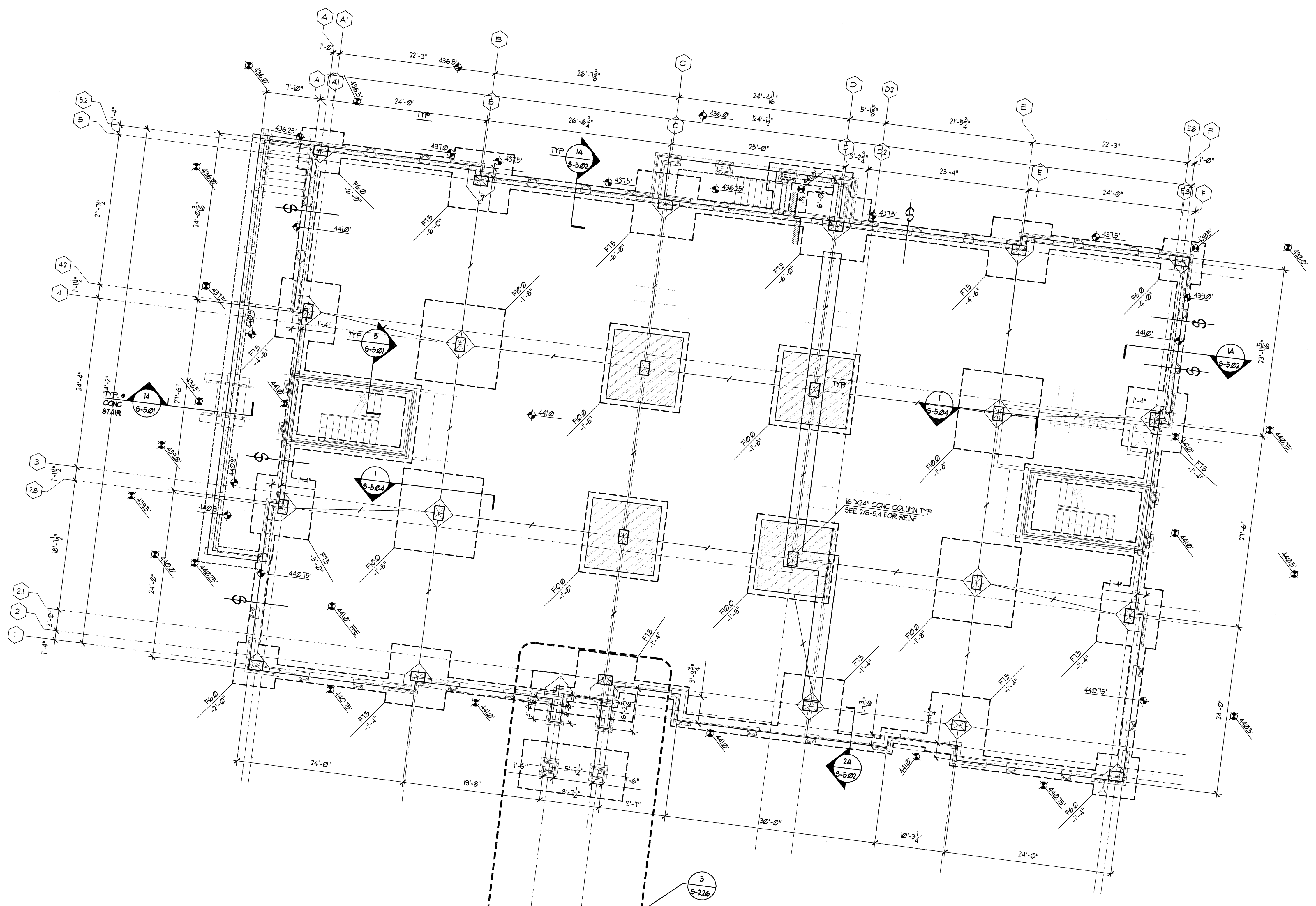
DATE: 07/31/03
JOB NUMBER: 021108
DRAWN BY: JREJR
CHECKED BY: KM
DRAWING TITLE: FOUNDATION PLAN BUILDING 100A
DRAWING NUMBER: S-1.01
COMMENTS:

- FOUNDATION NOTES:**
- SLAB SHALL BE 4" THICK CONC. SLAB ON GRADE REINF. W/ #6@18" O.C. W/ 6 MIL. POLY VAPOR BARRIER AND COMPACTED FILL AS REQ'D. - SEE GEOTECH REPORT.
 - PROVIDE SLAB ON GRADE SAW-CUT CONTROL JOINTS @ 25'-0" O.C. MAX. AND CONSTRUCTION JOINTS AS REQ'D. 8-9.5 FOR TYP DETAILS.
 - PRIOR TO FOUNDATION CONSTRUCTION ALLOWABLE BEARING PRESSURE SHALL BE VERIFIED BY A QUALIFIED GEOTECHNICAL ENGINEER. SEE GENERAL NOTES.
 - FIG. 1 DENOTES FOOTING MK. AND TOP OF FOOTING ELEVATION BELOW ADJACENT FINISHED FLOOR - SEE FIG SCHEDULE THIS DWG. LOCATE TOP OF WALL FIG AT 1/4" AND TOP OF COLUMN FOOTINGS AT 1/4" BELOW FINISHED FLOOR TYP. AND AS MARKED ON PLANS.
 - INDICATES STEPPED FOOTING PER TYP DETAIL ON 8-51.
 - INDICATES STEP IN SLAB ON GRADE.
 - ALL RAMP WALLS/BASEMENT WALLS SHALL BE LATERALLY SHORED UNTIL SLAB AT TOP OF WALL IS IN PLACE AND HAS ATTAINED 75% OF DESIGN STRENGTH.
 - SEE ARCH DGS FOR FINISHED FLOOR ELEVATIONS.
 - WARF FINISHED CONCRETE SURFACE AT UNIT ENTRANCES AS REQ'D.
 - ALL DIMENSIONS ARE TO THE EDGE OF SLAB (EOL) OR CENTERLINE OF COL (C. COL) OR CENTERLINE INTERIOR THICKENED SLAB FIG (C. FIG). UNLESS NOTED.
 - SEE ARCH DGS FOR ALL DIMENSIONS AND SLAB EDGE LIONS NOT SHOWN.
 - SEE 8-01 FOR GENERAL NOTES.
 - REFER TO CIVIL DRAWINGS FOR EXTERIOR PAVEMENT INFORMATION AND FOR SITE RETAINING WALLS UNLESS NOTED.
 - SEE 12/9-9-02 FOR TYP STEEL COL. BASE PLATE INFO.
 - INDICATES AREAS TO HAVE NO SLAB TO ALLOW FOR FUTURE PLUMBING, ETC.
 - INDICATES SOG CONTROL OR CONSTRUCTION JOINT. SEE 8-9.5(8) FOR TYPICAL DETAIL. GC SHALL LOCATE CONSTRUCTION JOINTS AS REQUIRED.
 - INDICATES CRACK CONTROL BAR #3@4'-0" LONG CENTERED IN SLAB. LOCATE 1/4" CLEAR FROM CORNER OF SLAB ON GRADE BLOCK-OUT.

FOOTING SCHEDULE

MARK	SIZE	REINFORCING E.W. BOTH UNO	COMMENTS
F2.0	2'-0" x 2'-0" x 1'-0"	3 - #4	
F3.0	3'-0" x 3'-0" x 1'-0"	3 - #4	
F3.5	3'-6" x 3'-6" x 1'-0"	4 - #4	
F4.0	4'-0" x 4'-0" x 1'-0"	5 - #4	
F4.5	4'-6" x 4'-6" x 1'-0"	6 - #4	
F5.0	5'-0" x 5'-0" x 1'-0"	5 - #5	
F6.0	6'-0" x 6'-0" x 1'-6"	7 - #5	
F7.0	7'-0" x 7'-0" x 1'-6"	6 - #6	
F7.5	7'-6" x 7'-6" x 1'-6"	7 - #6	
F8.0	8'-0" x 8'-0" x 1'-10"	11 - #6	
F10.0	10'-0" x 10'-0" x 2'-0"	9 - #7	
F6.0B0	6'-0" x 6'-0" x 1'-6"	9 - #6 SW 5 - #6 LW	

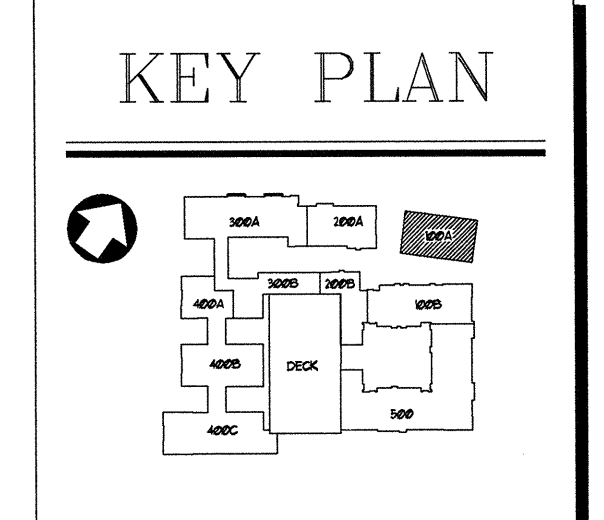
- NOTES:**
- WHERE ONE FOOTING INTERSECTS A PORTION OF ANOTHER FOOTING BOTH REINFORCING MATS SHALL BE MAINTAINED AS CONTIGUOUS ELEMENTS. CUTTING OR BENDING OF REBAR WILL NOT BE ACCEPTED.
 - SW - DENOTES REINF. DIRECTION PARALLEL TO SHORT DIMENSION.
 - LW - DENOTES REINF. DIRECTION PARALLEL TO LONG DIMENSION.

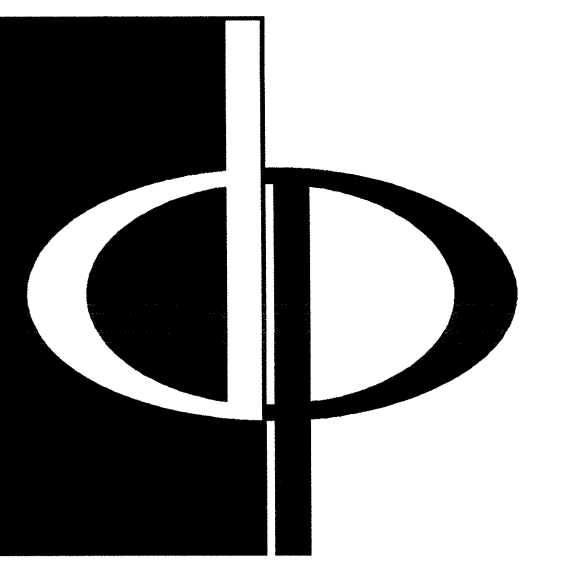


1 FOUNDATION PLAN - BLDG. 100A
SCALE: 1/8" = 1'-0"

REVISION #2 SUMMARY

A FOUNDATION PLAN FOR BLDG 100B MOVED TO S-1021A
B ADDED NOTE





THE PRESTON PARTNERSHIP, LLC
A MULTI-DISCIPLINARY DESIGN FIRM

1000 ABERNATHY ROAD NE, SUITE 600
ATLANTA, GEORGIA 30328
TELEPHONE: 770 396 7248
FAX: 770 396 2945

WWW.THEPRESTONPARTNERSHIP.COM

CONSULTANT

SEAL



PROJECT

ARCHSTONE
KENTLANDS
949 QUINCE ORCHARD ROAD
GAITHERSBURG, MARYLAND

FOR

ARCHSTONE
COMMUNITIES
6631 OLD DOMINION DRIVE
MCLEAN, VIRGINIA 22101
703-883-3353

REVISIONS

△ CLUB HOUSE COORD 10/26/03

MATCHLINE
BUILDING 500
SHEET 5-105

DATE 01/31/03

JOB NUMBER 021103

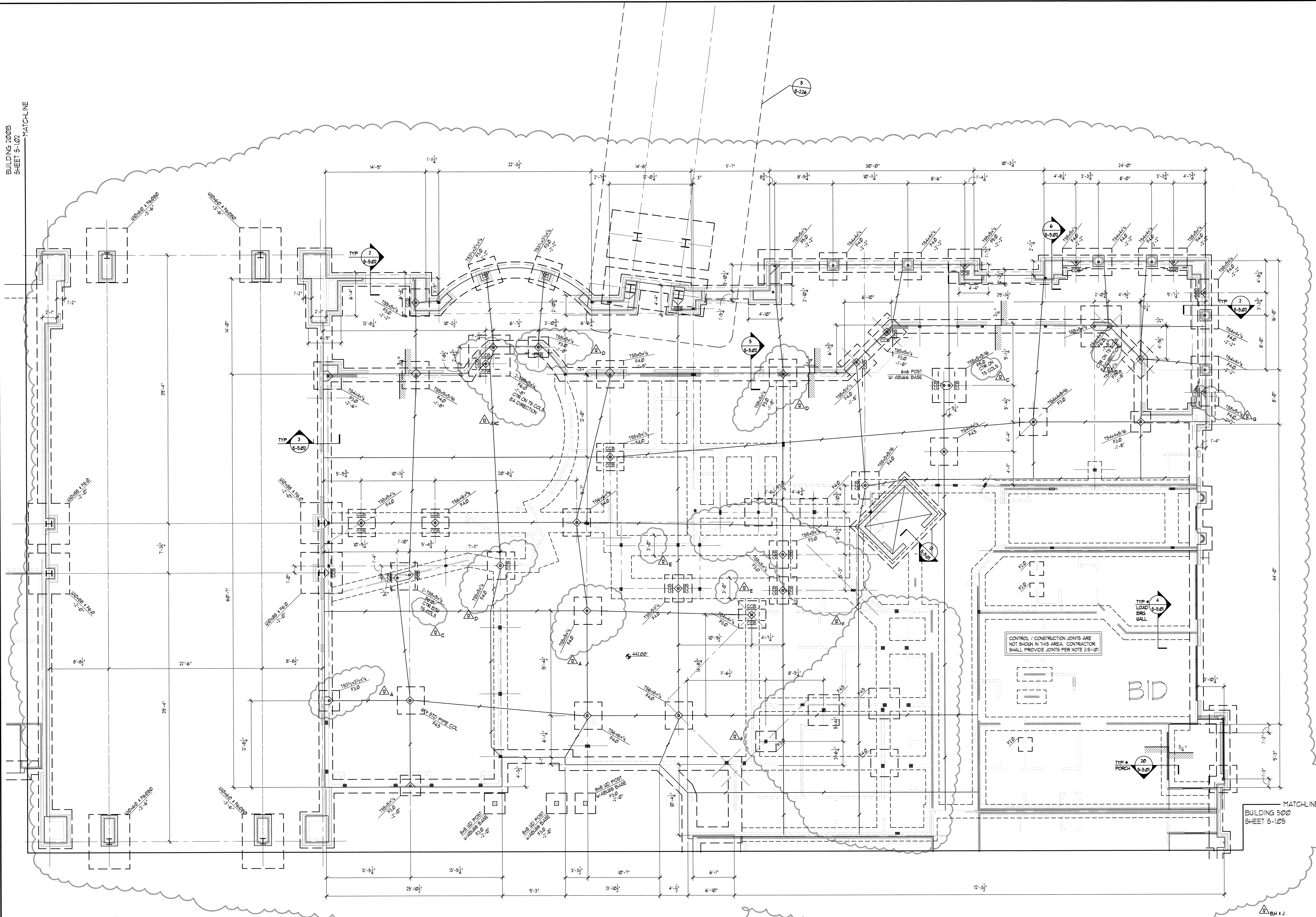
DRAWN BY JREJR

CHECKED BY KM

DRAWING TITLE FOUNDATION PLAN BUILDING 100

DRAWING NUMBER S-1.01A

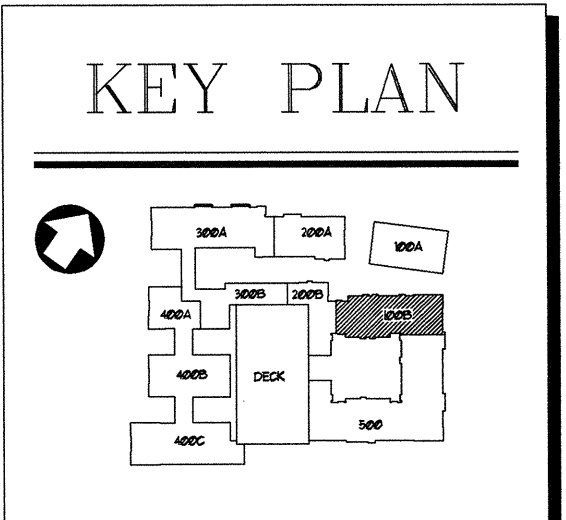
COMMENTS

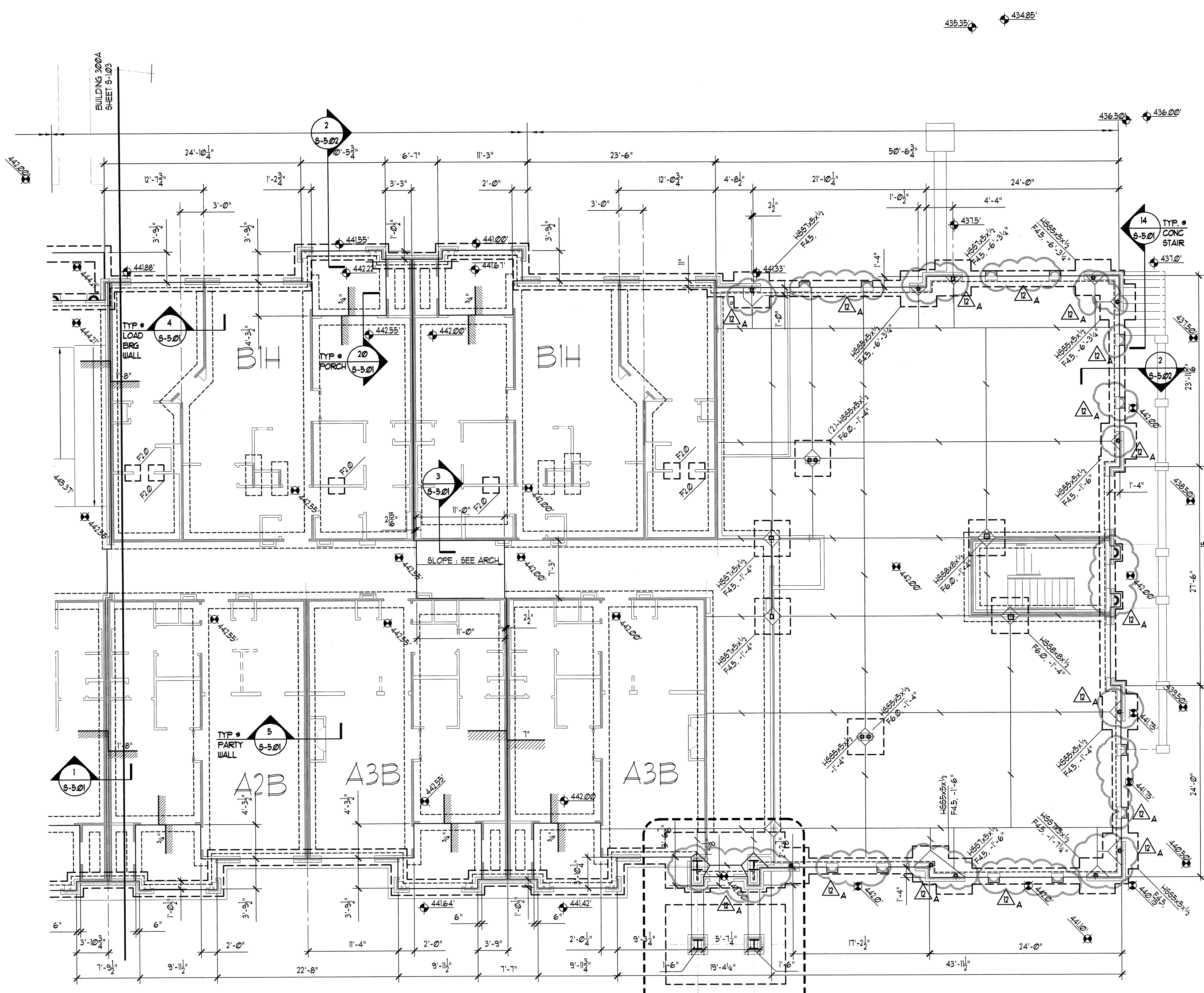


REVISION #12 SUMMARY

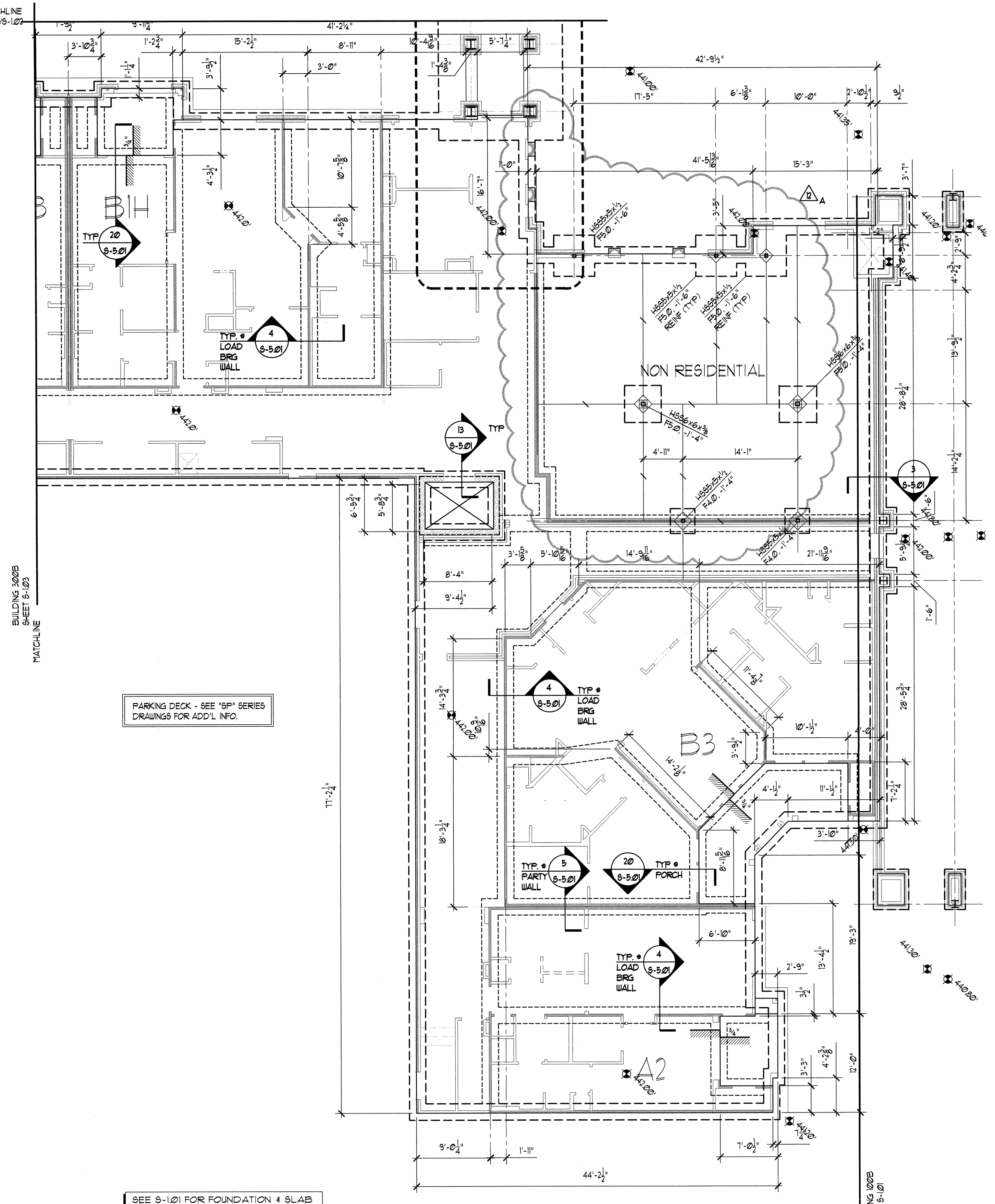
- A. ADDED TS COL AND FTG
- B. REVISED/ADDED EDGE OF SLAB + DIMS
- C. ADDED NOTE
- D. REVISED COL/FTG LOCATION
- E. ADDED FTG WIDTH DIM
- F. ADDED/REVISED FOOTING
- G. REVISED TS COL SIZE
- H. ADDED CONSTRUCTION/CONTROL JOINTS + CCB
- J. ADDED FOOTING ELEVATIONS
- K. ADDED DRAWING

2 FOUNDATION PLAN - BLDG. 100B
5-101 SCALE: 3/16"=1'-0"

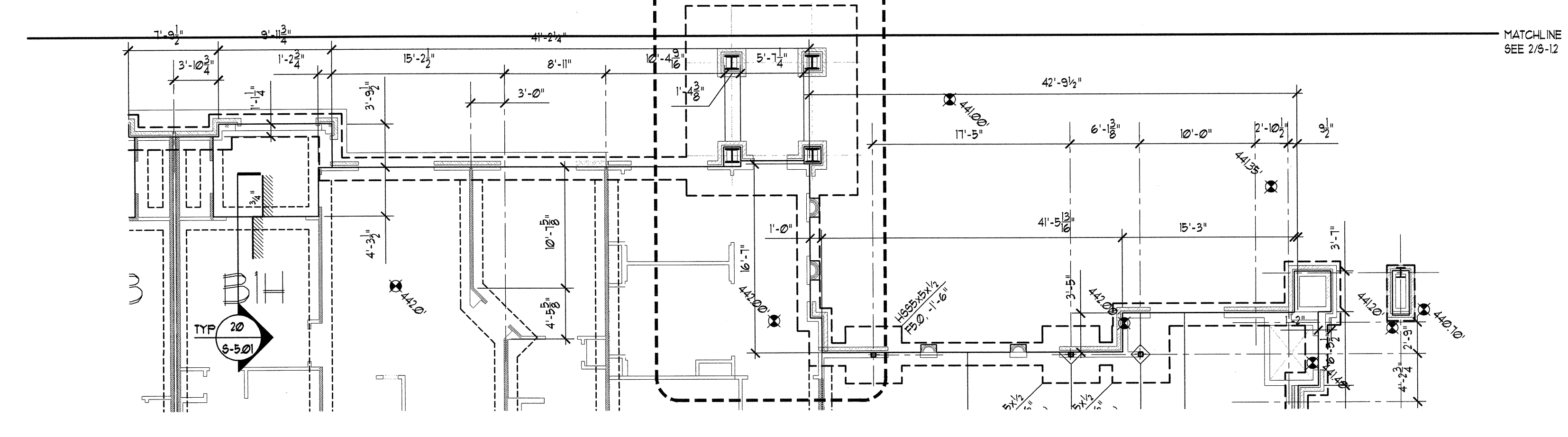




1 FOUNDATION PLAN - BLDG. 200A
SCALE: 1/8"=1'-0"



2 FOUNDATION PLAN - BLDG. 200B
SCALE: 1/8"=1'-0"

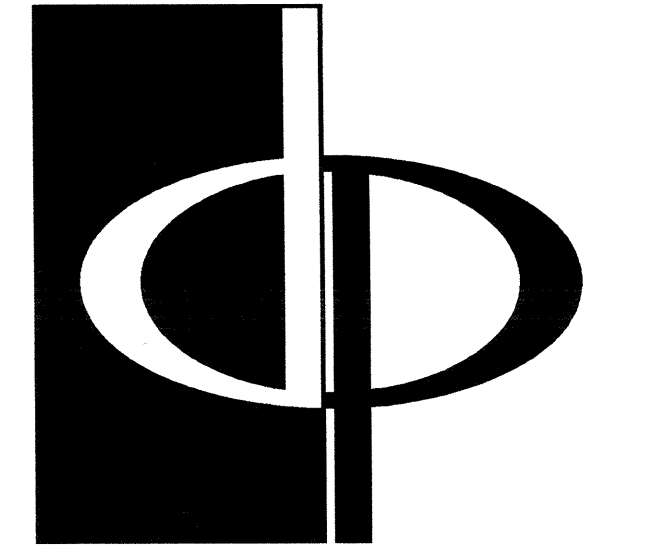
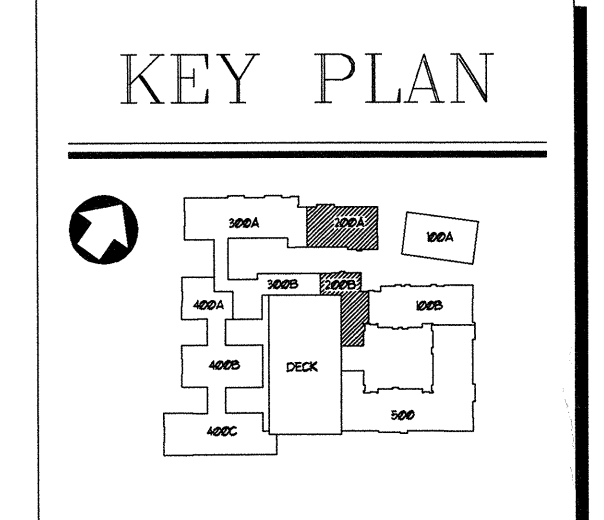


PARKING DECK - SEE "SP" SERIES DRAWINGS FOR ADD'L INFO.

SEE S-101 FOR FOUNDATION 4 SLAB NOTES.

REVISION #12 SUMMARY

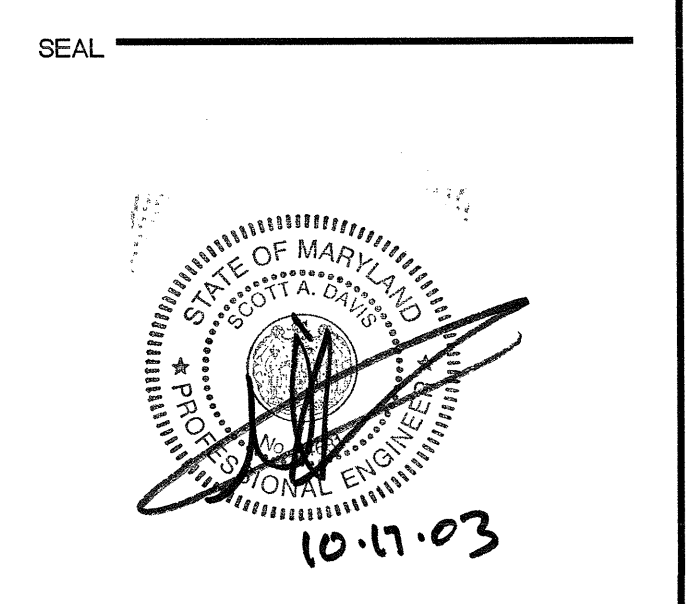
A	REVISED EDGE OF SLAB W/ARCH
---	-----------------------------



THE PRESTON PARTNERSHIP, LLC
A MULTI-DISCIPLINARY DESIGN FIRM

1000 ABERNATHY ROAD NE, SUITE 600
ATLANTA, GEORGIA 30328
TELEPHONE: 770 396 7248
FAX: 770 396 2945

WWW.THEPRESTONPARTNERSHIP.COM
CONSULTANT



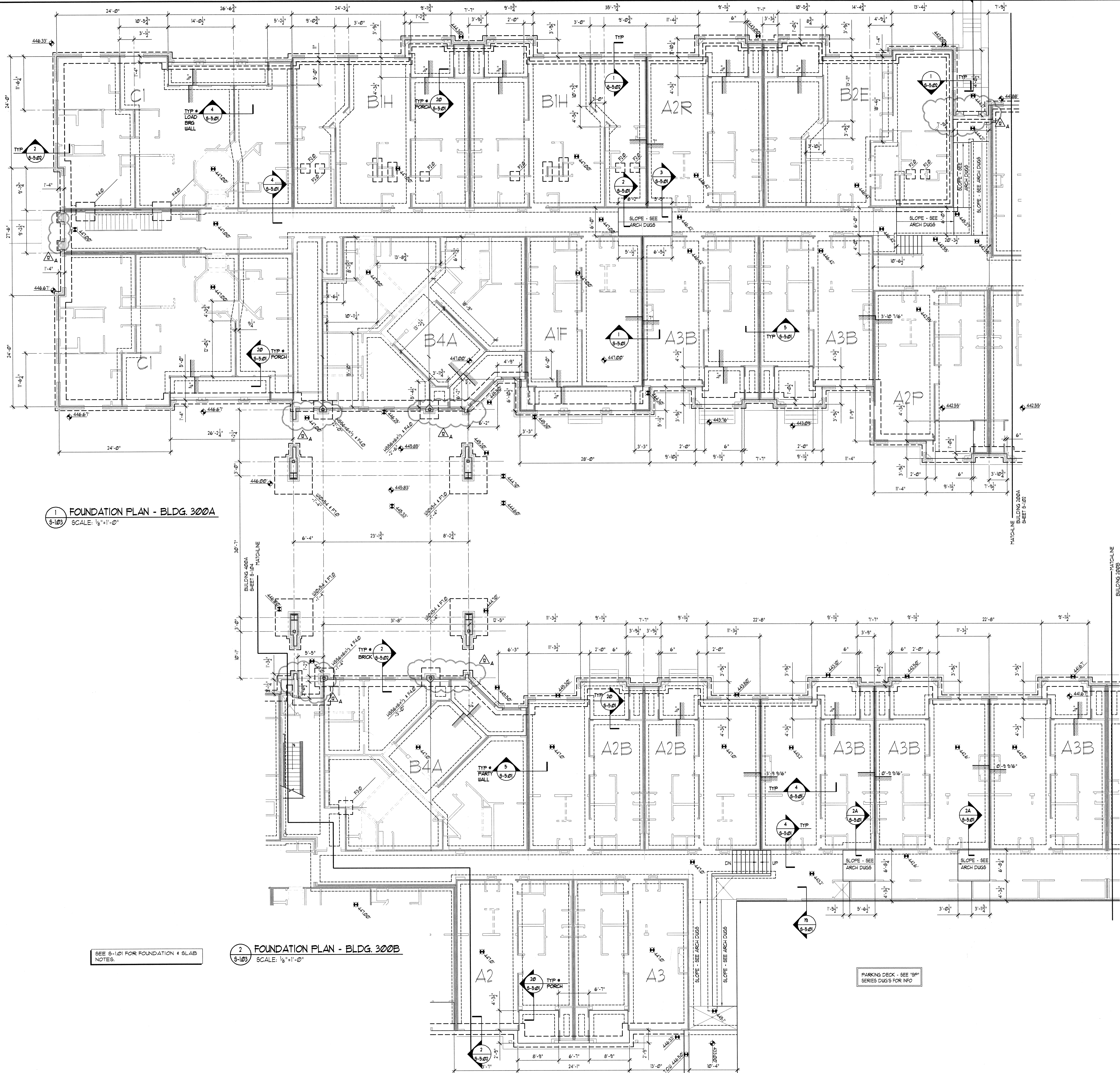
PROJECT
ARCHSTONE KENTLANDS
949 QUINCE ORCHARD ROAD
GAITHERSBURG, MARYLAND

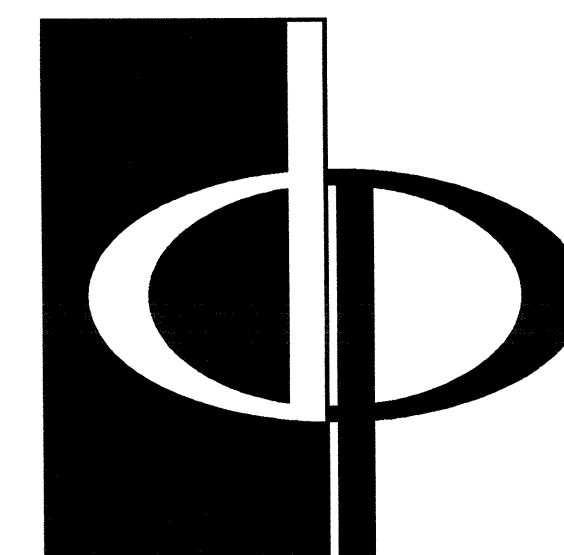
FOR
ARCHSTONE COMMUNITIES
6631 OLD DOMINION DRIVE
MCLEAN, VIRGINIA 22101
703-883-3353

REVISIONS

RELEASED FOR CONSTRUCTION	01/31/03
TOM POPOFF REVIEW COMMENTS	01/16/03
CLUB HOUSE DESIGN	09/15/02
CLUB HOUSE COORD	10/04/02

DATE: 01/31/03
JOB NUMBER: 0211106
DRAWN BY: JREJR
CHECKED BY: KJ
DRAWING TITLE: FOUNDATION PLAN BUILDING 200
DRAWING NUMBER: S-1.02
COMMENTS:





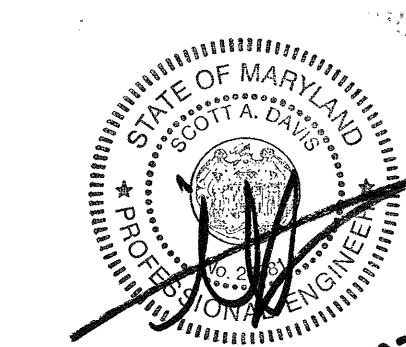
THE PRESTON PARTNERSHIP, LLC
A MULTI-DISCIPLINARY DESIGN FIRM

1000 ABERNATHY ROAD NE, SUITE 600
ATLANTA, GEORGIA 30328
TELEPHONE: 770 396 7248
FAX: 770 396 2945

WWW.THEPRESTONPARTNERSHIP.COM

CONSULTANT

SEAL



PROJECT

ARCHSTONE
KENTLANDS

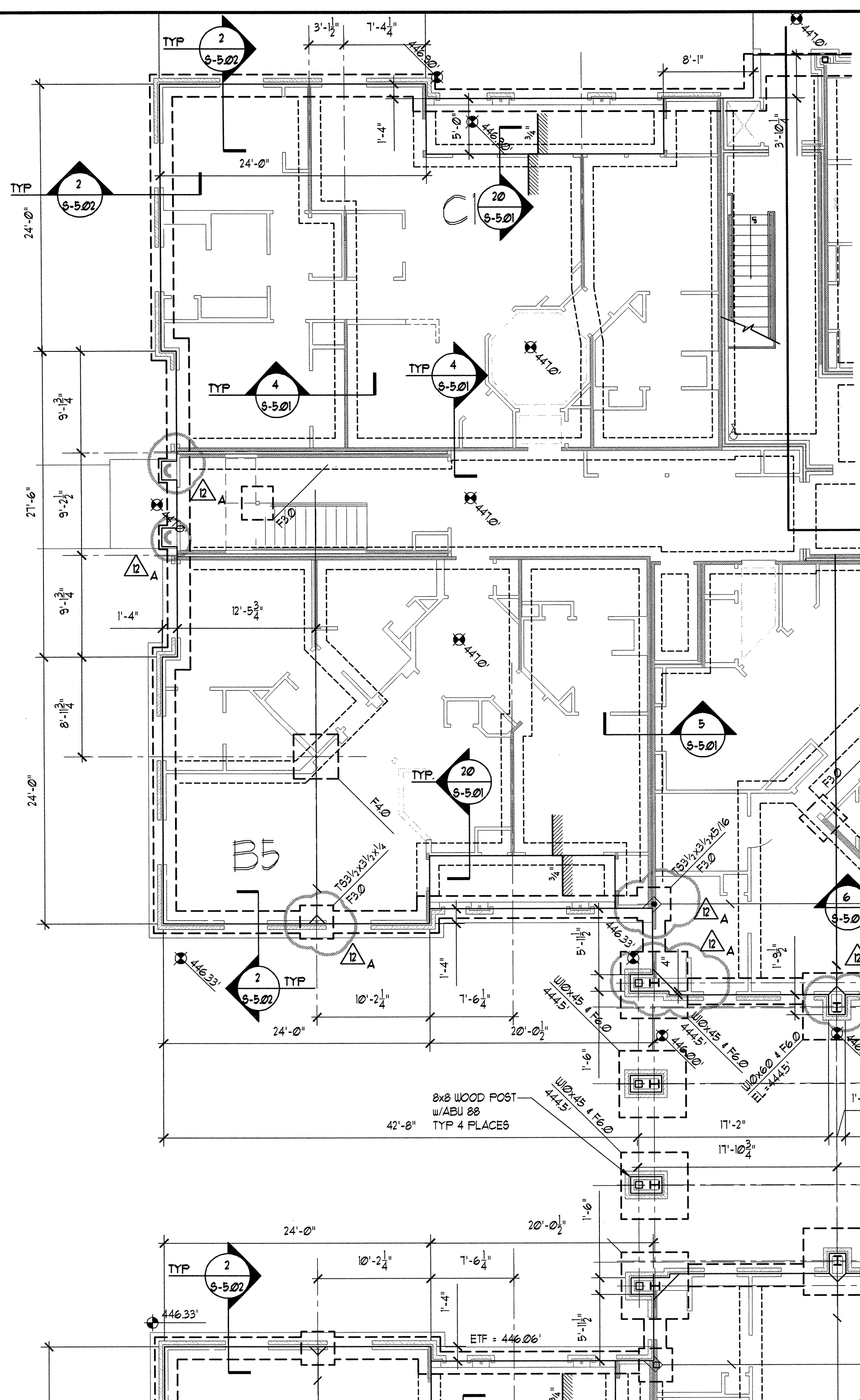
949 QUINCE ORCHARD ROAD
GAITHERSBURG, MARYLAND

FOR

ARCHSTONE
COMMUNITIES
6631 OLD DOMINION DRIVE
MCLEAN, VIRGINIA 22101
703-883-3353

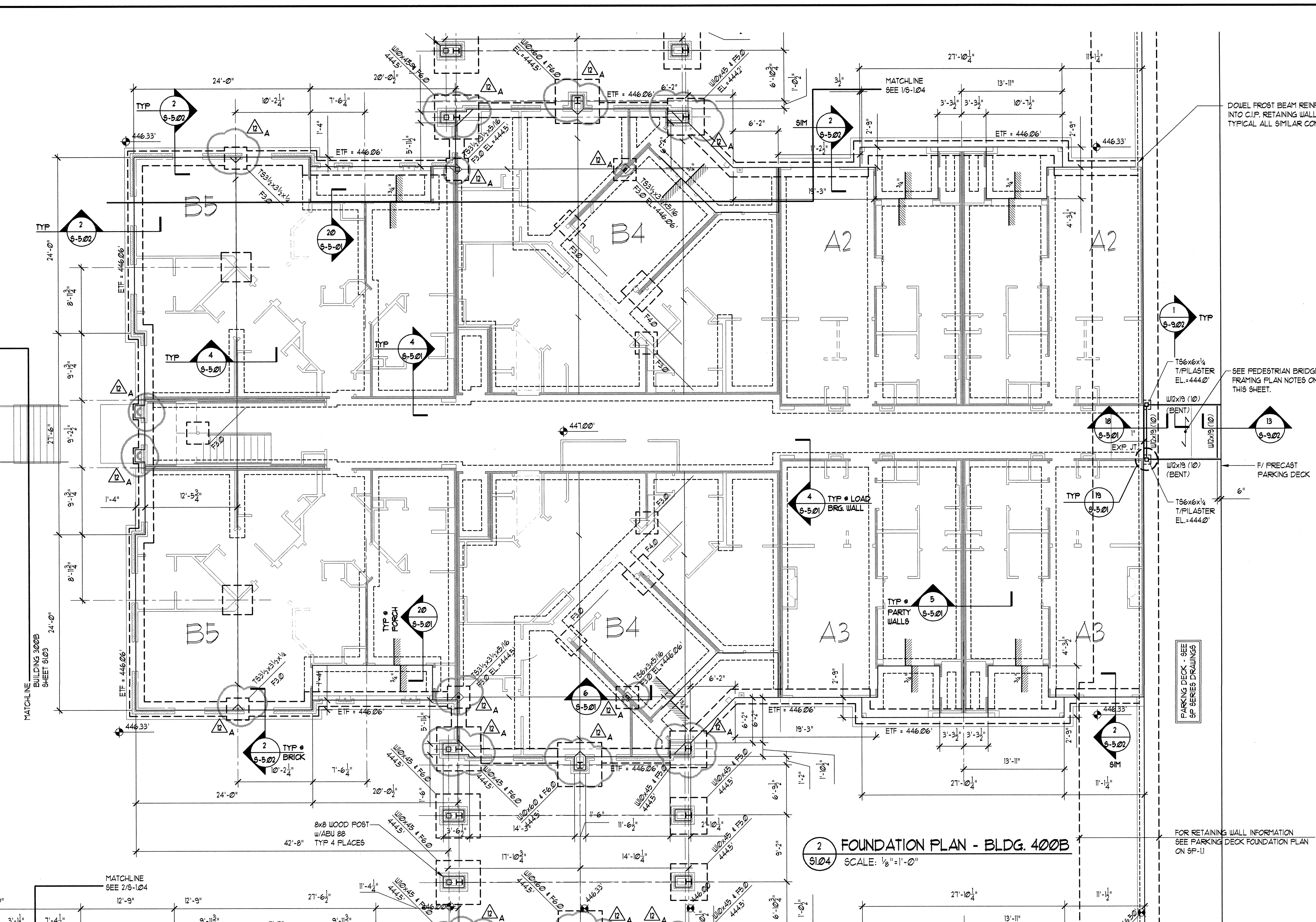
REVISIONS	DATE
RELEASED FOR CONSTRUCTION	07/18/03
TOM POPOFF REVIEW COMMENTS	07/18/03
CLUB HOUSE DESIGN	09/05/03
CLUB HOUSE COORD	10/06/03

DATE _____
JOB NUMBER _____ 013103
DRAWN BY _____ 021108
CHECKED BY _____ JREJR
DRAWING TITLE _____
FOUNDATION PLAN
BUILDING 400
DRAWING NUMBER _____
S-1.04
COMMENTS _____

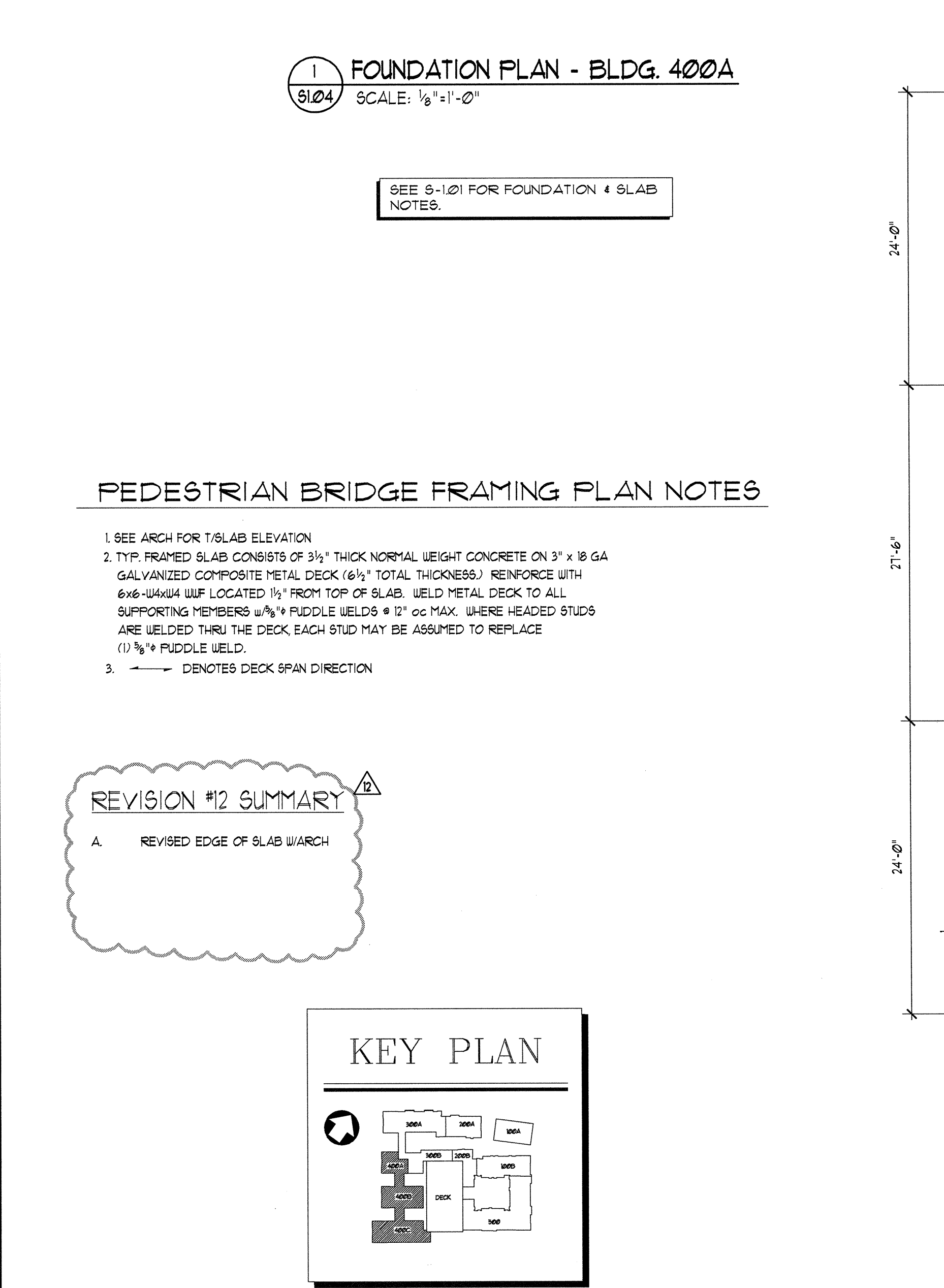


1 FOUNDATION PLAN - BLDG. 400A
S1.04 SCALE: 1/8"=1'-0"

SEE S-1.01 FOR FOUNDATION 4 SLAB NOTES.



2 FOUNDATION PLAN - BLDG. 400B
S1.04 SCALE: 1/8"=1'-0"



3 FOUNDATION PLAN - BLDG. 400C
S1.04 SCALE: 1/8"=1'-0"

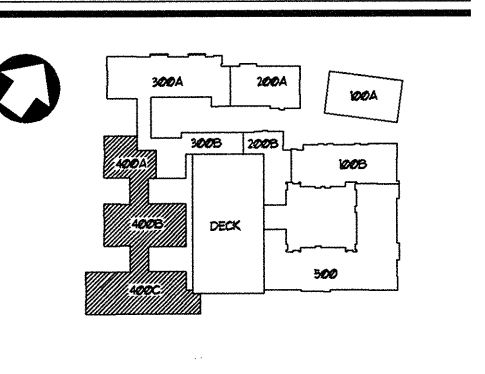
PEDESTRIAN BRIDGE FRAMING PLAN NOTES

- SEE ARCH FOR TYPICAL ELEVATION
- TYP. FRAMED SLAB CONSISTS OF 3/4" THICK NORMAL WEIGHT CONCRETE ON 3" x 8 GA GALVANIZED COMPOSITE METAL DECK (6 1/2" TOTAL THICKNESS) REINFORCE WITH #6@18" W/LOCATED 1" FROM TOP OF SLAB. WELD METAL DECK TO ALL SUPPORTING MEMBERS W/3/4" RIDDLE WEILDS @ 12" OC MAX. WHERE HEADED STUDS ARE WELDED THRU THE DECK EACH STUD MAY BE ASSUMED TO REPLACE (U) 3/4" RIDDLE WEILD.
- DENOTES DECK SPAN DIRECTION

REVISION #12 SUMMARY

- A. REVISED EDGE OF SLAB W/ARCH

KEY PLAN



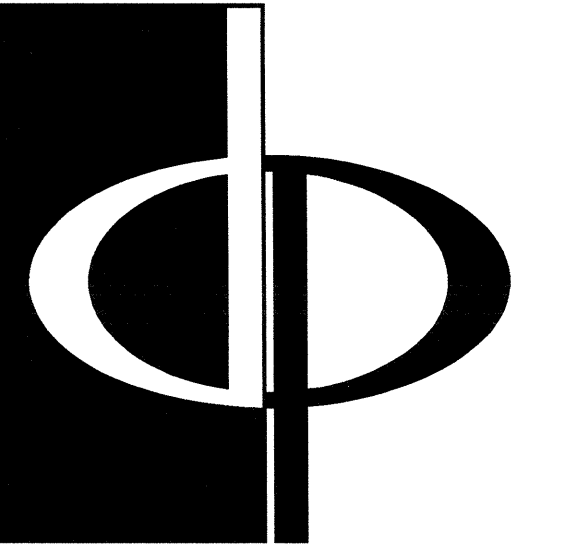
DOEL FROM BEAM REIN INTO CIP RETAINING WALL TYPICAL ALL SIMILAR CONDITIONS

SEE PEDESTRIAN BRIDGE FRAMING PLAN NOTES ON THIS SHEET.

F/ PRECAST PARKING DECK

PARKING DECK - SEE SP SERIES DRAWINGS

FOR RETAINING WALL INFORMATION SEE PARKING DECK FOUNDATION PLAN ON SP-11



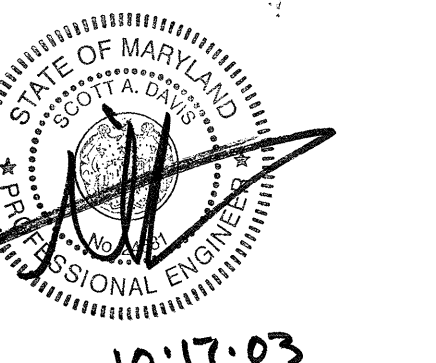
THE PRESTON PARTNERSHIP, LLC
A MULTI-DISCIPLINARY DESIGN FIRM

1000 ABERNATHY ROAD NE, SUITE 600
ATLANTA, GEORGIA 30328
TELEPHONE: 770 396 7248
FAX: 770 396 2945

WWW.THEPRESTONPARTNERSHIP.COM

CONSULTANT

SEAL



10.17.03

PROJECT

ARCHSTONE
KENTLANDS
949 QUINCE ORCHARD ROAD
GAITHERSBURG, MARYLAND

FOR

ARCHSTONE
COMMUNITIES
6631 OLD DOMINION DRIVE
MCLEAN, VIRGINIA 22101
703-883-3353

REVISIONS	DATE
RELEASED FOR CONSTRUCTION	07/18/03
TOH POPOFF REVIEW COMMENTS	07/18/03
CLUB HOUSE DESIGN	09/15/03
CLUB HOUSE COORD	10/07/03

DATE

JOB NUMBER 0217102

DRAWN BY JRE/JR

CHECKED BY KM

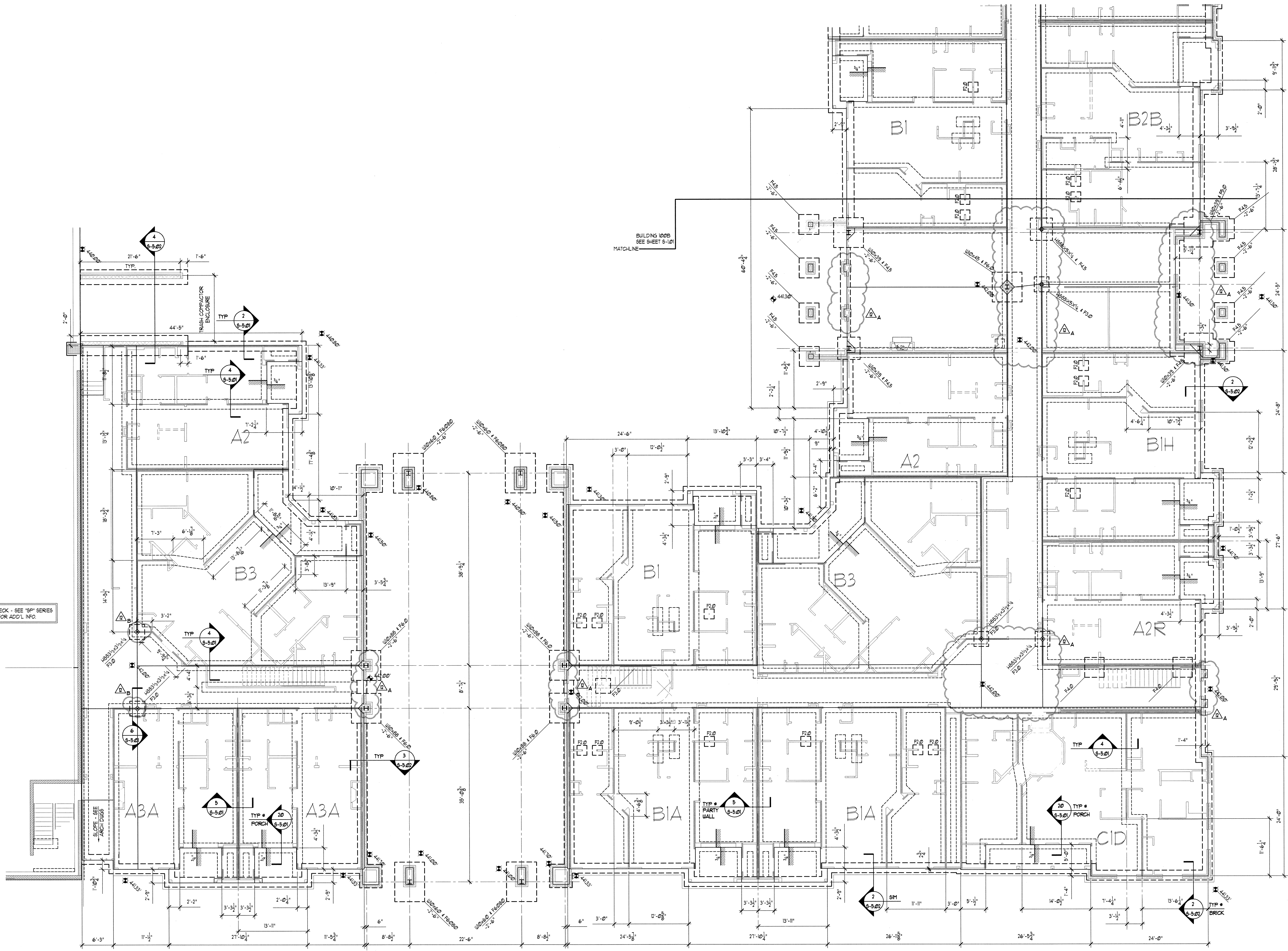
DRAWING TITLE

FOUNDATION PLAN BUILDING 500

DRAWING NUMBER

S-1.05

COMMENTS



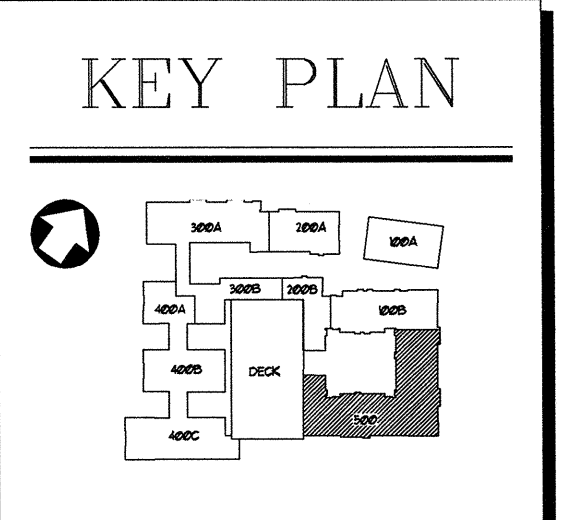
PARKING DECK - SEE '06' SERIES DRAWINGS FOR ADD'L INFO.

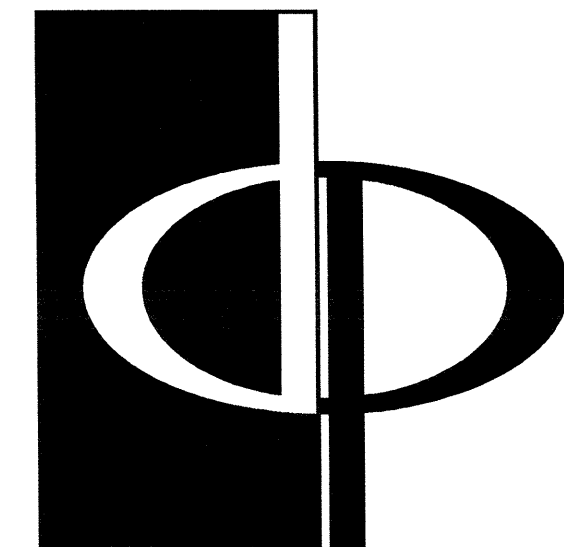
BUILDING 100B
SEE SHEET S-1.01
MATCHLINE

FOUNDATION PLAN - BLDG. 500
SCALE: 1/8"=1'-0"

SEE S-1.01 FOR FOUNDATION 4 SLAB NOTES.

REVISION #2 SUMMARY
A. REVISED EDGE OF SLAB W/ARCH
B. ADDED COL. BLOCKOUTS





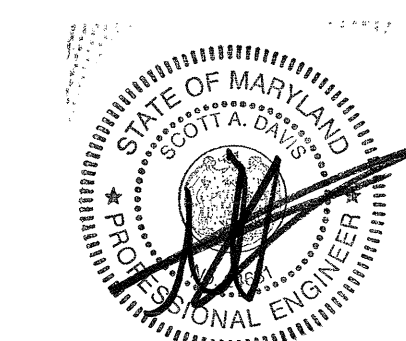
THE PRESTON PARTNERSHIP, LLC
A MULTI-DISCIPLINARY DESIGN FIRM

1000 ABERNATHY ROAD NE, SUITE 600
ATLANTA, GEORGIA 30328
TELEPHONE: 770 396 7248
FAX: 770 396 2945

WWW.THEPRESTONPARTNERSHIP.COM

CONSULTANT

SEAL



10.17.03

PROJECT

ARCHSTONE
KENTLANDS

949 QUINCE ORCHARD ROAD
GAITHERSBURG, MARYLAND

FOR

ARCHSTONE
COMMUNITIES
6631 OLD DOMINION DRIVE
MCLEAN, VIRGINIA 22101
703-883-3353

REVISIONS

RELEASED FOR CONSTRUCTION	01/31/03
TOM POPOFF REVIEW COMMENTS	01/16/03
CLUB HOUSE DESIGN	09/18/02
CLUB HOUSE COORD	10/07/02

REVISION #12 SUMMARY
A REVISED SLAB EDGE

DATE

JOB NUMBER 013103

DRAWN BY 021108

CHECKED BY JRE/JR

DRAWING TITLE KM

LEVEL 2 P.T. AND REINFORCEMENT PLAN

DRAWING NUMBER

S-1.06

COMMENTS

SUGGESTED TENDON/ REINFORCEMENT PLACEMENT SEQUENCE

1. PLACE ALL BOTTOM REINFORCING BARS PARALLEL TO UNIFORMLY SPACED TENDONS.
2. PLACE ALL BOTTOM REINFORCING BARS PARALLEL TO BANDED TENDONS WITH THE EXCEPTION OF 3 BARS AT MID-SPAN.
3. PLACE 2 TENDONS ON COLUMN LINES PARALLEL TO UNIFORMLY SPACED TENDONS.
4. PLACE TOP REINFORCING PARALLEL TO UNIFORMLY SPACED TENDONS.
5. PLACE BANDED TENDONS ON COLUMN LINES.
6. PLACE TOP REINFORCING BARS AT COLUMN PARALLEL TO BANDED TENDONS.
7. PLACE UNIFORMLY SPACED TENDONS.
8. PLACE REMAINING 3 REINFORCING BOTTOM BARS AT MID-SPAN PARALLEL TO BANDED TENDONS.
9. PLACE TEMPERATURE TENDONS.

DROP CAP NOTES:

1. DROP CAPS SHALL HAVE DIMENSIONS PER SCHEDULE AND SHALL BE CENTERED OVER COLUMN.
2. WHERE SLAB EDGE INTERRUPTS OVERALL DROP CAP DIMENSIONS, EDGE OF DROP CAP SHALL MATCH EDGE OF SLAB.
3. DROP CAP DESIGNATION IS AS FOLLOWS:
 DENOTES DROP CAP PLAN DIMENSIONS PER SCHED.
 DENOTES DROP CAP TOTAL THICKNESS IN INCHES.

MARK	LENGTH	WIDTH
DCS	5'-0"	5'-0"

SLAB NOTES:

1. ELEVATED SLAB SHALL BE 8" THK NORMAL WEIGHT POST-TENSIONED CONCRETE w/DROP CAPS AS NOTED ON PLAN AND PER SCHEDULE. FIN. FLOOR ELEV. = 451'-0"
2. SEE FOUNDATION PLAN FOR CONCRETE COLUMN SIZES & REINFC.
3. SEE ARCH. DWGS. FOR EDGE OF SLAB DIMENSIONS NOT SHOWN.
4. SEE ARCH. I.M.E.P. & LANDSCAPE DWGS. FOR SIZES & LOCATIONS OF SLAB OPENINGS.
5. LOCATE ALL REQUIRED EMBEDS PRIOR TO PLACEMENT OF CONC. SLAB. COORD. LOCATIONS w/ P.T. DETAIL SHEETS & ARCH. DWGS.
6. PROVIDE 2-#4@8" @ 8" o.c. EA WAY AT ALL SHEAR WALL HOLD-DOWN LOCATIONS - SEE BRACING PLANS & ARCH. DWGS FOR EXACT LOCATIONS.
7. () DENOTES TENDON HEIGHT IN INCHES DEFINED AS THE DISTANCE FROM BOTT. SLAB TO TENDON CENTER OF GRAVITY AT CENTERLINE OF SUPPORT & MID-POINT OF SPAN. HEIGHTS NOTED ON PLAN AT DROP CAP ARE GIVEN FROM BOTT./DROP CAP. ALL TENDON HEIGHTS AT COLUMN LINE OUTSIDE OF DROP CAPS ARE 1" AT INTERIOR OF SLAB & 4" AT EDGE OF SLAB UNO - SEE NOTE #1.
8. "255K" DENOTES THE REQUIRED EFFECTIVE POST-TENSIONING FORCE IN KIIPS.
9. "403K" DENOTES THE REQUIRED EFFECTIVE POST-TENSIONING FORCE IN KIIPS PER LINEAR FOOT. PROVIDE DISTRIBUTED TENDONS w/FORCE & HEIGHTS NOTED ON PLAN FROM MID-POINT TO MID-POINT OF SPANS ADJACENT TO COLUMN LINE UNO.
10. SEE 5-5/03 & 5-5/04 FOR TYPICAL POST-TENSIONING CONC. SLAB DETAILS.
11. ——— INDICATES STRESSING (LIVE) END OF TENDON.
12. ——— INDICATES ANCHORED (DEAD) END OF TENDON.
13. ALL TENDONS THAT TERMINATE WITHIN SLAB AREA SHALL FOLLOW PROFILE OF ADJACENT TENDONS TO MID-DEPTH OF SLAB. EXTEND TENDON STRAIGHT AT MID-DEPTH OF SLAB TO 1/4 OF SPAN LENGTH AND PROVIDE DEAD END ANCHORAGE AND SUPPORT AS REQ'D.
14. ———— INDICATES TEMPERATURE TENDONS WHICH SHALL BE PLACED AT MID-DEPTH OF SLAB FOR ENTIRE LENGTH AND SPACED EVENLY IN MIDDLE THIRD OF SPAN IN BANDED TENDON DIRECTION.
15. SEE SLAB REINFORCEMENT PLANS FOR SECTION MARKS.
16. [Hatched Area] DENOTES SLOPED SLAB AT UNIT BALCONY ABOVE. SLAB SLOPES 1" FROM UNIT BALCONY ENTRANCE TO EDGE OF SLAB. PROVIDE 1" MIN. SLAB THK @ EDGE OF SLAB AT BALCONY AREAS.
17. PROVIDE TENDON HEIGHT OF 3 1/2" AT EDGE OF SLAB WHERE BALCONY OCCURS ABOVE AND SLAB SLOPES PER NOTE #6. TENDON HEIGHTS AT SLAB EDGE WHERE DROP CAP OCCURS AT SLOPED SLAB ARE 1/2" LESS THAN NOTED ON PLAN FOR 8" SLAB.

1 ELEVATED POST TENSIONED CONCRETE SLAB PLAN - BLDG 100A

5-106 SCALE: 1/8"=1'-0"

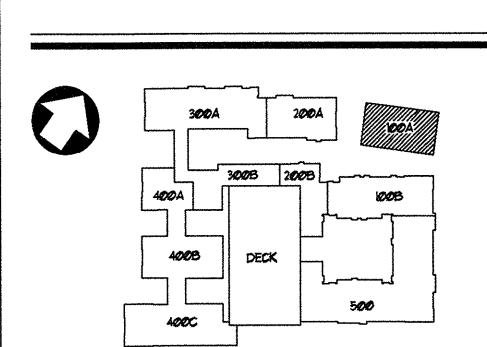
REINFORCING NOTES:

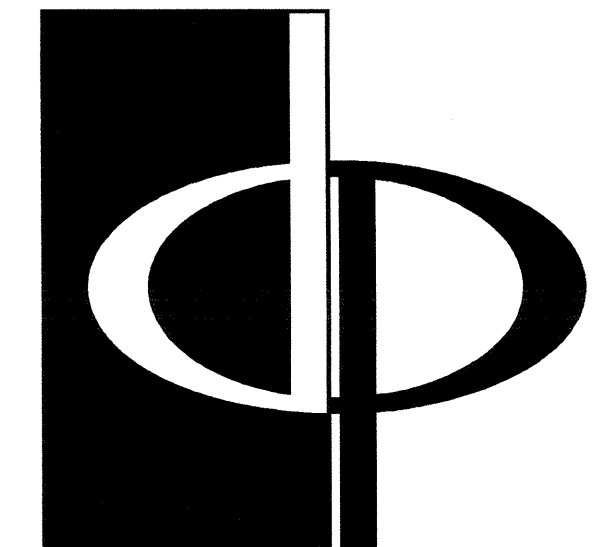
1. USE #5 REINFORCING BAR TYPICAL UNO.
2. #5 x 12'-6" @ 12" OC DENOTES SIZE, LENGTH AND SPACING OF BOTTOM BARS.
3. TOP BAR DESIGNATION IS AS FOLLOWS:
 * OF FEET IN LENGTH OF TOP REINFC BARS
 * OF INCHES IN LENGTH OF TOP REINFC BARS
 16 - 1 - 6 (SAME AS - 5X1'-6")
 NUMBER OF TOP REINFORCING BARS CENTERED ON THE COL AND EVENLY DISTRIBUTED WITHIN A SLAB WIDTH EQUAL TO 3x THE SLAB THICKNESS (INCLUDING DEPTH OF DROP CAP) PLUS THE COLUMN DIMENSION PERPENDICULAR TO THE BARS.
4. PROVIDE 2-#5 CONT BARS TOP & BOTT AT EDGE OF SLAB(TYP). PROVIDE CORNER BARS LAP SPLICES AND EXTEND INTO SLAB AS REQ'D TO CREATE CONTINUITY.

2 ELEVATED POST TENSIONED SLAB REINFORCEMENT PLAN - BLDG 100A

5-106 SCALE: 1/8"=1'-0"

KEY PLAN



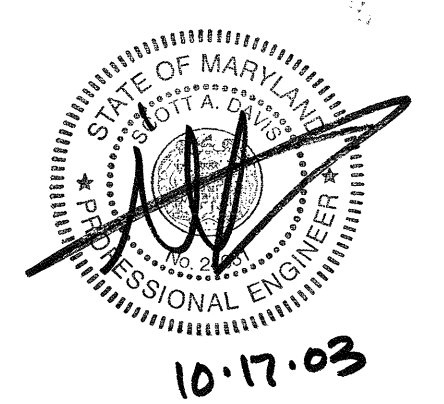


THE PRESTON PARTNERSHIP, LLC
A MULTI-DISCIPLINARY DESIGN FIRM

1000 BERNATHY ROAD NE, SUITE 600
ATLANTA, GEORGIA 30328
TELEPHONE: 770 396 7248
FAX: 770 396 2945

WWW.THEPRESTONPARTNERSHIP.COM
CONSULTANT

SEAL



PROJECT
ARCHSTONE KENTLANDS
349 QUINCE ORCHARD ROAD
GAITHERSBURG, MARYLAND

FOR

ARCHSTONE COMMUNITIES
6631 OLD DOMINION DRIVE
MCLEAN, VIRGINIA 22101
703-883-3353

REVISIONS

RELEASED FOR CONSTRUCTION	07/18/03
TOP POPOFF REVIEW COMMENTS	07/18/03
CLUB HOUSE DESIGN	07/18/03
CLUB HOUSE COORD	10/01/03

REVISION #12 SUMMARY
A. REVISED SLAB EDGE

DATE: 01/31/03
JOB NUMBER: 021108
DRAWN BY: JREJR
CHECKED BY: KJ
DRAWING TITLE: LEVEL 2 P.T. AND REINFORCEMENT PLAN
DRAWING NUMBER: S-1.06
COMMENTS:

SUGGESTED TENDON/ REINFORCEMENT PLACEMENT SEQUENCE

1. PLACE ALL BOTTOM REINFORCING BARS PARALLEL TO UNIFORMLY SPACED TENDONS.
2. PLACE ALL BOTTOM REINFORCING BARS PARALLEL TO BANDED TENDONS WITH THE EXCEPTION OF 3 BARS AT MID-SPAN.
3. PLACE 2 TENDONS ON COLUMN LINES PARALLEL TO UNIFORMLY SPACED TENDONS.
4. PLACE TOP REINFORCING PARALLEL TO UNIFORMLY SPACED TENDONS.
5. PLACE BANDED TENDONS ON COLUMN LINES.
6. PLACE TOP REINFORCING BARS AT COLUMN PARALLEL TO BANDED TENDONS.
7. PLACE UNIFORMLY SPACED TENDONS.
8. PLACE REMAINING 3 REINFORCING BOTTOM BARS AT MID-SPAN PARALLEL TO BANDED TENDONS.
9. PLACE TEMPERATURE TENDONS.

DROP CAP NOTES:

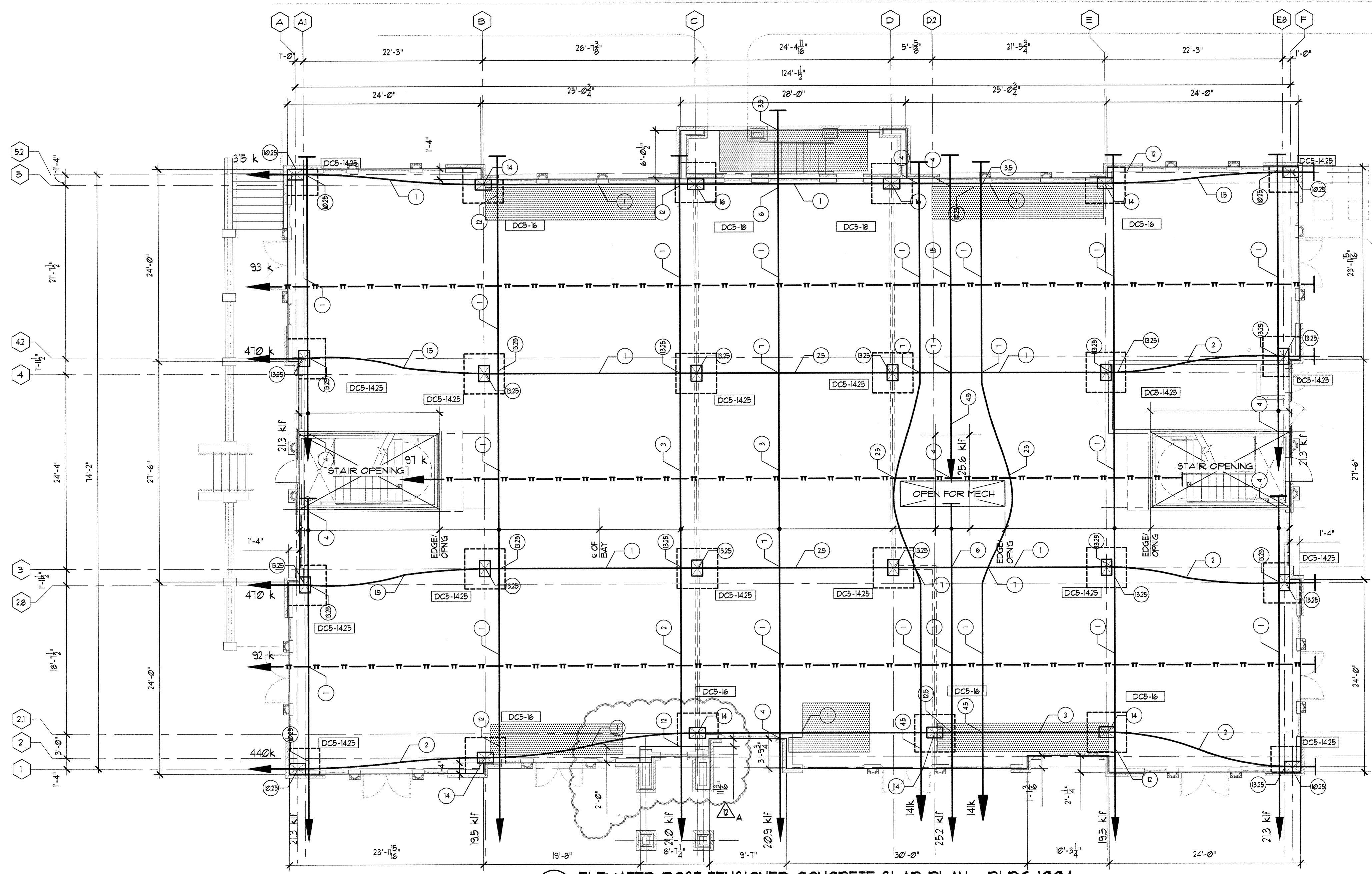
1. DROP CAPS SHALL HAVE DIMENSIONS PER SCHEDULE AND SHALL BE CENTERED OVER COLUMN.
2. WHERE SLAB EDGE INTERRUPTS OVERALL DROP CAP DIMENSIONS, EDGE OF DROP CAP SHALL MATCH EDGE OF SLAB.
3. DROP CAP DESIGNATION IS AS FOLLOWS:
DENOTES DROP CAP PLAN DIMENSIONS PER SCHED. DENOTES DROP CAP TOTAL THICKNESS IN INCHES.

DROP CAP SCHEDULE

MARK	LENGTH	WIDTH
DCS	5'-0"	5'-0"

SLAB NOTES:

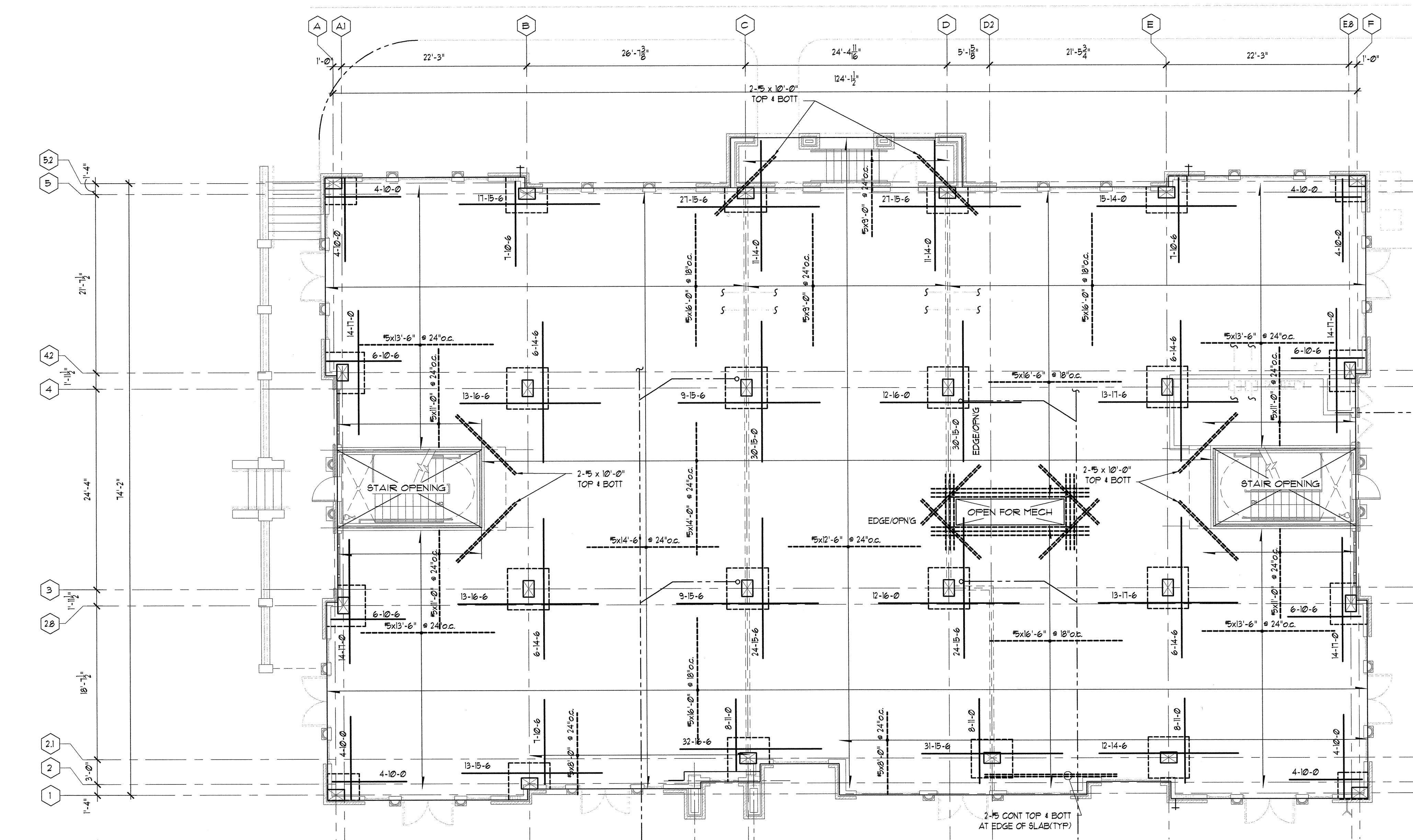
1. ELEVATED SLAB SHALL BE 8" THK NORMAL WEIGHT POST-TENSIONED CONCRETE w/DROP CAPS AS NOTED ON PLAN AND PER SCHEDULE. FIN. FLOOR ELEV. = 451'-0"
2. SEE FOUNDATION PLAN FOR CONCRETE COLUMN SIZES & REINFC.
3. SEE ARCH. DUGS FOR EDGE OF SLAB DIMENSIONS NOT SHOWN.
4. SEE ARCH. & MEP. & LANDSCAPE DUGS FOR SIZES & LOCATIONS OF SLAB OPENINGS.
5. LOCATE ALL REQUIRED EMBEDS PRIOR TO PLACEMENT OF CONC. SLAB. COORD. LOCATIONS w/ P.T. DETAIL SHEETS & ARCH. DUGS.
6. PROVIDE 2-#5@8" # 8" O.C. EA. WAY AT ALL SHEAR WALL HOLD-DOWN LOCATIONS - SEE BRACING PLANS & ARCH. DUGS FOR EXACT LOCATIONS.
7. (S) DENOTES TENDON HEIGHT IN INCHES DEFINED AS THE DISTANCE FROM BOTTL SLAB TO TENDON CENTER OF GRAVITY AT CENTERLINE OF SUPPORT & MID-POINT OF SPAN. HEIGHTS NOTED ON PLAN AT DROP CAP ARE GIVEN FROM BOTTL/DROP CAP. ALL TENDON HEIGHTS AT COLUMN LINE OUTSIDE OF DROP CAPS ARE 1" AT INTERIOR OF SLAB & 4" AT EDGE OF SLAB UNO - SEE NOTE #1.
8. '258K' DENOTES THE REQUIRED EFFECTIVE POST-TENSIONING FORCE IN KIIPS.
9. '40.3KIP' DENOTES THE REQUIRED EFFECTIVE POST-TENSIONING FORCE IN KIIPS PER LINEAR FOOT. PROVIDE DISTRIBUTED TENDONS w/FORCE & HEIGHTS NOTED ON PLAN FROM MID-POINT TO MID-POINT OF SPANS ADJACENT TO COLUMN LINE UNO.
10. SEE 5-5.03 & 5-5.04 FOR TYPICAL POST-TENSIONING CONC. SLAB DETAILS.
11. ——— INDICATES STRESSING (LIVE) END OF TENDON.
12. ——— INDICATES ANCHORED (DEAD) END OF TENDON.
13. ALL TENDONS THAT TERMINATE WITHIN SLAB AREA SHALL FOLLOW PROFILE OF ADJACENT TENDONS TO MID-DEPTH OF SLAB. EXTEND TENDON STRAIGHT AT MID-DEPTH OF SLAB TO 1/4 OF SPAN LENGTH AND PROVIDE DEAD END ANCHORAGE AND SUPPORT AS REQ'D.
14. ——— INDICATES TEMPERATURE TENDONS WHICH SHALL BE PLACED AT MID-DEPTH OF SLAB FOR ENTIRE LENGTH AND SPACED EVENLY IN MIDDLE THIRD OF SPAN IN BANDED TENDON DIRECTION.
15. SEE SLAB REINFORCEMENT PLANS FOR SECTION MARKS.
16. [Hatched Area] DENOTES SLOPED SLAB AT UNIT BALCONY ABOVE. SLAB SLOPES 1" FROM UNIT BALCONY ENTRANCE TO EDGE OF SLAB. PROVIDE 1" MIN. SLAB THK @ EDGE OF SLAB AT BALCONY AREAS.
17. PROVIDE TENDON HEIGHT OF 3/4" AT EDGE OF SLAB WHERE BALCONY OCCURS ABOVE AND SLAB SLOPES PER NOTE #6. TENDON HEIGHTS AT SLAB EDGE WHERE DROP CAP OCCURS AT SLOPED SLAB ARE 1/2" LESS THAN NOTED ON PLAN FOR 8" SLAB.



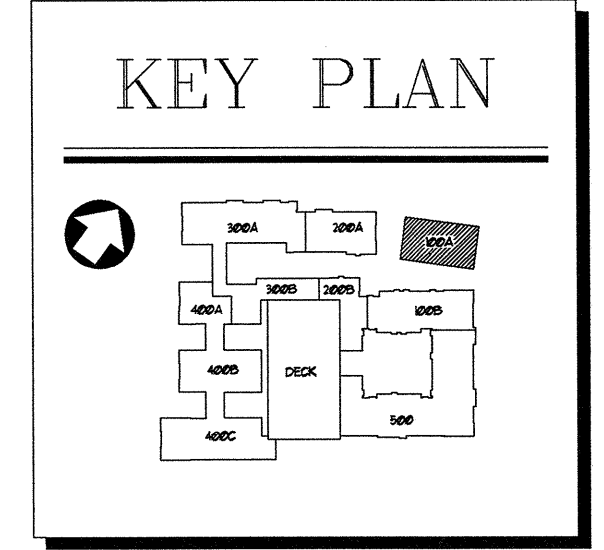
1 ELEVATED POST TENSIONED CONCRETE SLAB PLAN - BLDG 100A
5-106 SCALE: 1/8"=1'-0"

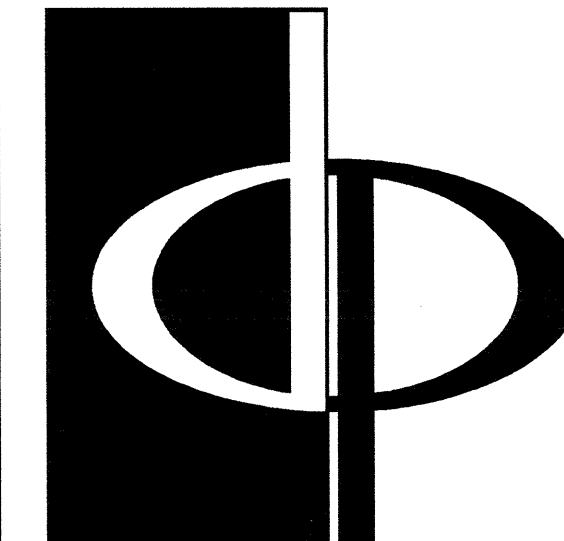
REINFORCING NOTES:

1. USE #5 REINFORCING BAR TYPICAL UNO.
2. #5 x 12'-6" @ 12" O.C. DENOTES SIZE, LENGTH AND SPACING OF BOTTOM BARS.
3. TOP BAR DESIGNATION IS AS FOLLOWS:
* OF FEET IN LENGTH OF TOP REINFC BARS
* OF INCHES IN LENGTH OF TOP REINFC BARS
16-1-6 (SAME AS - 5x1'-6")
NUMBER OF TOP REINFORCING BARS CENTERED ON THE COL AND EVENLY DISTRIBUTED WITHIN A SLAB WIDTH EQUAL TO 3x THE SLAB THICKNESS (INCLUDING DEPTH OF DROP CAP) PLUS THE COLUMN DIMENSION PERPENDICULAR TO THE BARS.
4. PROVIDE 2-#5 CONT BARS TOP & BOTTL AT EDGE OF SLAB (TYP). PROVIDE CORNER BARS LAP SPLICES AND EXTEND INTO SLAB AS REQ'D TO CREATE CONTINUITY.



2 ELEVATED POST TENSIONED SLAB REINFORCEMENT PLAN - BLDG 100A
5-106 SCALE: 1/8"=1'-0"





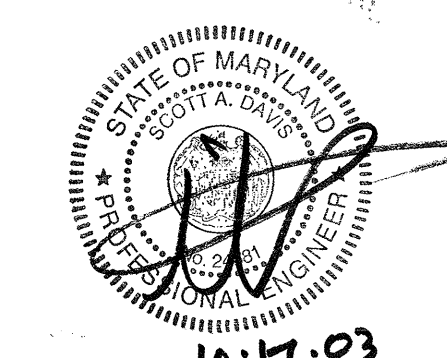
THE PRESTON PARTNERSHIP, LLC
A MULTI-DISCIPLINARY DESIGN FIRM

1000 ABERNATHY ROAD NE, SUITE 600
ATLANTA, GEORGIA 30328
TELEPHONE: 770 396 7248
FAX: 770 396 2945

WWW.THEPRESTONPARTNERSHIP.COM

CONSULTANT

SEAL



PROJECT

ARCHSTONE
KENTLANDS

949 QUINCE ORCHARD ROAD
GAITHERSBURG, MARYLAND

FOR

ARCHSTONE
COMMUNITIES
6631 OLD DOMINION DRIVE
MCLEAN, VIRGINIA 22101
703-883-3353

REVISIONS

RELEASED FOR CONSTRUCTION	07/18/03
TOM POPOFF REVIEW COMMENTS	07/18/03
CLUB HOUSE DESIGN	09/16/03
CLUB HOUSE COORD	10/07/03

DATE

JOB NUMBER 0211703

DRAWN BY JREJR

CHECKED BY JREJR

DRAWING TITLE KM

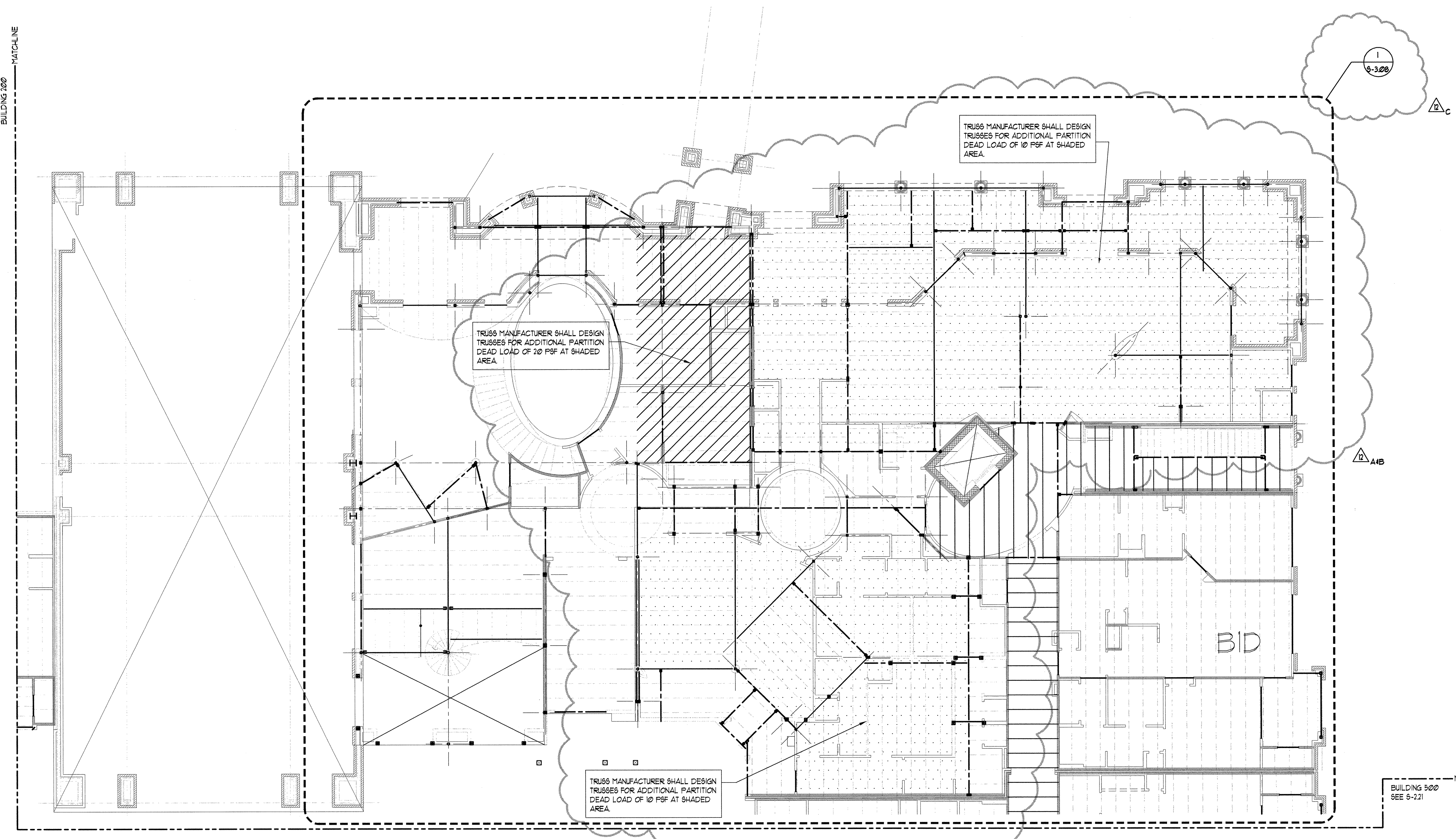
FLOOR FRAMING PLAN
LEVEL 2 - BUILDING 100

DRAWING NUMBER

S-2.01

COMMENTS

SEE SHEET S-1.00
FOR FRAMING AT
BUILDING 100



1 FLOOR FRAMING PLAN LEVEL 2 - BLDG. 100B
SCALE: 1/8"=1'-0"

REVISION #12 SUMMARY

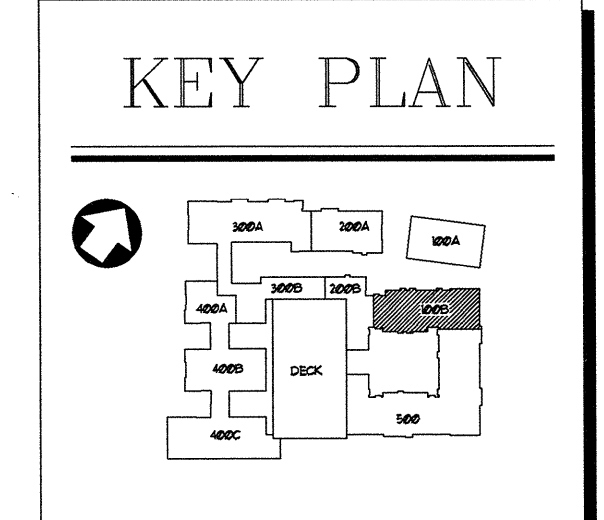
A. ADDED HATCH.
B. ADDED NOTES.
C. ADDED PLAN DETAIL MARK.

- NOTES:
- FLOOR FRAMING SHALL BE 18" DEEP OPEN WEB TRUSSES @ 24" O.C. UNO.
 - BALCONY FRAMING SHALL BE 2X10 @ 16" O.C. UP TO 12'-0" CLR SPAN. (2)-2X10 @ 16" O.C. UP TO 18'-0" CLR SPAN. (2)-2X10 @ 12" O.C. UP TO 18'-6" CLR SPAN.
 - INTERMEDIATE STAIR LANDING FRAMING SHALL BE 2X10 @ 16" O.C. UP TO 10'-0" CLR SPAN. (2)-2X10 @ 16" O.C. UP TO 14'-0" CLR SPAN.
 - CORRIDOR FRAMING SHALL BE 16" DEEP OPEN WEB TRUSSES @ 24" O.C. UNO.
 - SHADED WALLS INDICATE INTERIOR LOAD BEARING WALLS BELOW.
 - SEE S3.01 FOR STUD FRAMING REQUIREMENTS, SCHEDULES, 4 NOTES.
 - PROVIDE SIMPSON TRUSS HANGERS AT ALL BEAM OR LEDGER SUPPORT CONDITIONS.
 - "FB" DENOTES FLUSH BEAM.
 - "CONT." DENOTES BEAM TO BE CONTINUOUS OVER INTERMEDIATE SUPPORT.
 - "CANT." DENOTES BEAM TO BE CANTILEVER OVER SUPPORT.
 - THE NUMBER OF WALL STUDS AT BEARING POINTS OF 2X MEMBER BEAMS SHALL MATCH THE NUMBER OF MEMBERS IN THE BEAM (UNO). ALL LVL AND PSL BEAMS SHALL HAVE A (3) STUD MIN BEARING (UNO). THE CENTERLINE OF THE BEAM SHALL BE THE CENTERLINE OF THE SUPPORTING WALL STUDS.
 - SEE UNIT FRAMING PLANS FOR ADDITIONAL BEAM / HEADER INFO.
 - STEEL WIDE FLANGE BEAMS SHALL HAVE A MINIMUM 2X NAILER (PLAT) WITH 1/4" THREADED STUDS @ 24" O.C. AT CENTERLINE UNO.
 - STEEL WIDE FLANGE BEAMS SHALL BE CENTERED DIRECTLY BELOW STUD WALL FRAMING ABOVE UNO.
 - TOP OF STEEL ELEVATIONS ARE NOTED ON PLAN UNLESS THERE IS A SLOPED OR BENT MEMBER CONDITION.
 - ALL LIGHT GAGE STEEL STUD FRAMING SHALL BE UNIMAST 600S/16 STUDS AT 16" O.C. UNO. SEE GENERAL NOTES 1 10/15-6.02 FOR ADDITIONAL INFORMATION.
 - SAU CUT LIGHT WEIGHT CONC TOPPING AT BREEZEWAYS AND BALCONIES @ 10'-0" O.C. MAX. SAU CUTS SHALL BE 1/4" WIDE AND 1/4" DEEP.
 - CC DENOTES STUD WALL FRAMING PER SCHEDULE ON S-3.01. SEE UNIT FRAMING PLANS FOR TYPICAL STUD FRAMING.
 - PROVIDE TYPE 'FF' STUD FRAMING PER SCHEDULE ON S-3.01 AT ALL CORRIDOR WALLS ADJACENT TO PARKING DECK AND AT STAIR WALLS.
 - 'J' - 'K' DENOTES NUMBER OF JAMB AND KING STUDS AT BEAM SUPPORT. SEE SCHEDULE ON S-3.01 FOR TYPICAL CASES AND BUILDING AND UNIT FRAMING PLANS FOR EXCEPTIONS. PROVIDE KING STUDS AT FLUSH BEAM FRAMING CONDITIONS.
 - PROVIDE 1/2" SOLID MATERIAL ABOVE WALL DOUBLE TOP E AT BEAM BEARING FOR FULL WIDTH OF BEAM 4 WALL.
 - PROVIDE SOLID MATERIAL ABOVE BEAM TO TOP OF HANGER FULL WIDTH WHERE HANGER HEIGHT EXCEEDS BEAM DEPTH.

BEAM / HEADER SCHEDULE (UNO)

- (1) (2) 2x8
- (2) (3) 2x8
- (2) (2) 2x10
- (3) (2) 2x12
- (4) (3) 2x12
- (5) 3 1/2 x 9 1/4 LVL
- (6) 3 1/2 x 11 1/8 LVL
- (7) 3 1/2 x 16 LVL
- (8) 3 1/2 x 18 LVL
- (9) 3 1/2 x 16 LVL
- (10) 3 1/2 x 18 LVL
- (11) 3 1/2 x 9 1/4 LVL
- (12) 3 1/2 x 14 LVL
- (13) 1x14 LVL
- (14) 1x16 LVL
- (15) 1x8 LVL

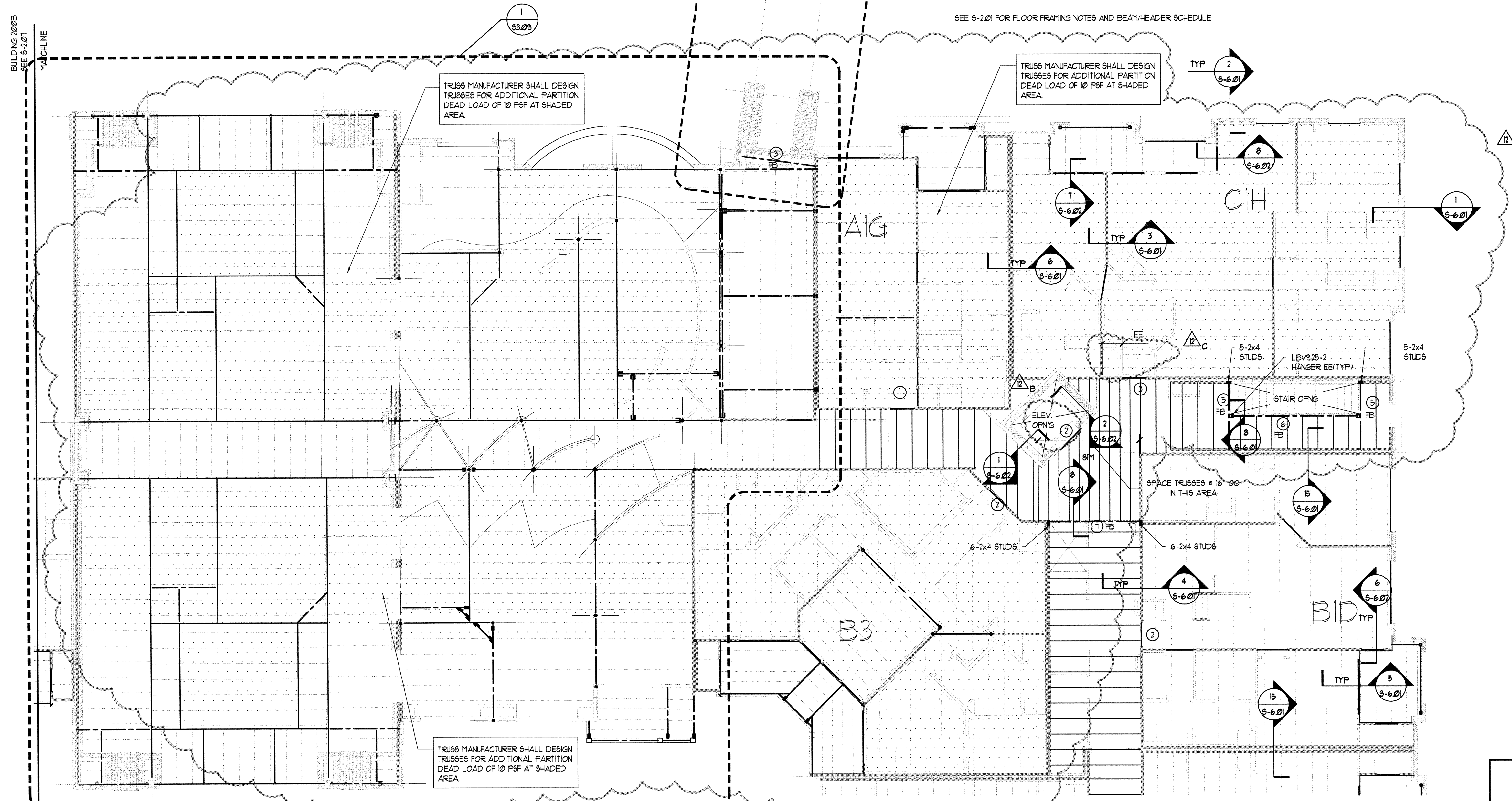
NOTE: PROVIDE (2)-2x8 MIN AT ALL BEAM/HEADER CONDITIONS NOT SPECIFICALLY NOTED ON PLAN.





1 FLOOR FRAMING PLAN LEVEL 3 - BLDG. 100A
S-2.02 SCALE: 1/8"=1'-0"

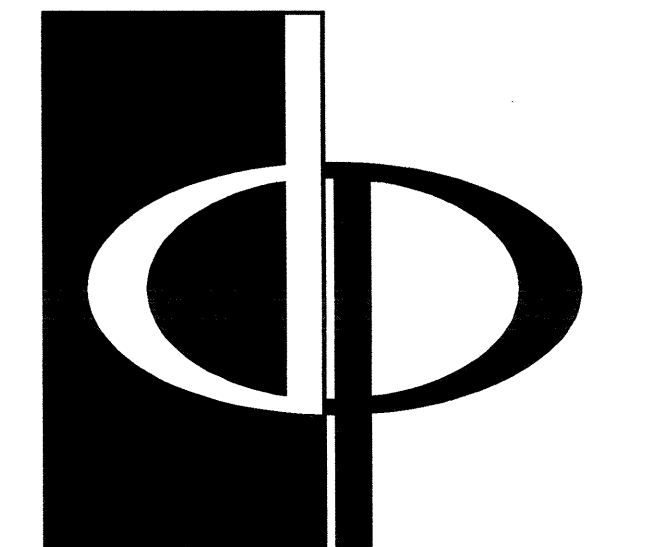
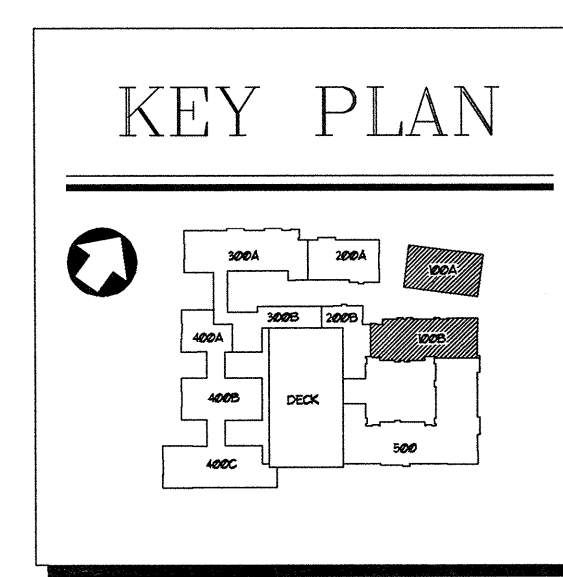
SEE S-2.01 FOR FLOOR FRAMING NOTES AND BEAM-HEADER SCHEDULE



2 FLOOR FRAMING PLAN LEVEL 3 - BLDG. 100B
S-2.02 SCALE: 1/8"=1'-0"

REVISION #12 SUMMARY

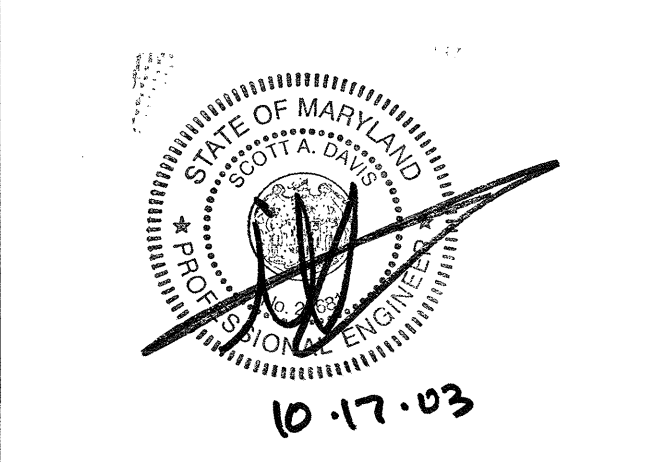
A. ADDED HATCHNOTES
B. ADDED BEAM DESIGNATION
C. REVISED LENGTH OF STUD MARK



THE PRESTON PARTNERSHIP, LLC
A MULTI-DISCIPLINARY DESIGN FIRM
1000 ABERNATHY ROAD NE, SUITE 600
ATLANTA, GEORGIA 30328
TELEPHONE: 770 396 7248
FAX: 770 396 2945
WWW.THEPRESTONPARTNERSHIP.COM

CONSULTANT

SEAL



PROJECT
ARCHSTONE
KENTLANDS
949 QUINCE ORCHARD ROAD
GAITHERSBURG, MARYLAND

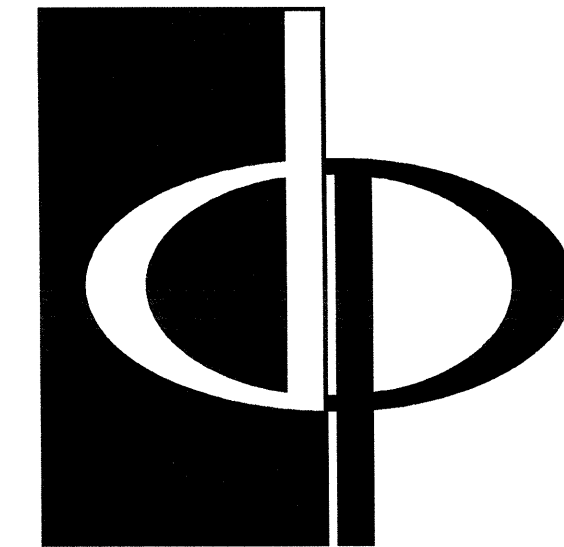
FOR

ARCHSTONE
COMMUNITIES
6631 OLD DOMINION DRIVE
MCLEAN, VIRGINIA 22101
703-883-3353

REVISIONS

RELEASED FOR CONSTRUCTION	07/18/03
TOM POPOFF REVIEW COMMENTS	07/18/03
CLUB HOUSE DESIGN	09/18/03
CLUB HOUSE COORD	10/17/03

DATE: 07/31/03
JOB NUMBER: 0211102
DRAWN BY: JRE/JR
CHECKED BY: KJ
DRAWING TITLE: FLOOR FRAMING PLAN LEVEL 3 - BUILDING 100
DRAWING NUMBER: S-2.02
COMMENTS:



THE PRESTON PARTNERSHIP, LLC
A MULTI-DISCIPLINARY DESIGN FIRM

1000 ABERNATHY ROAD NE, SUITE 600
ATLANTA, GEORGIA 30328
TELEPHONE: 770 396 7248
FAX: 770 396 2945

WWW.THEPRESTONPARTNERSHIP.COM

CONSULTANT

SEAL



10-17-03

PROJECT

ARCHSTONE
KENTLANDS

949 QUINCE ORCHARD ROAD
GAITHERSBURG, MARYLAND

FOR

ARCHSTONE
COMMUNITIES
6631 OLD DOMINION DRIVE
MCLEAN, VIRGINIA 22101
703-883-3353

REVISIONS

RELEASED FOR CONSTRUCTION	07/31/03
TOP POPOFF REVIEW COMMENTS	07/16/03
CLUB HOUSE DESIGN	09/15/03
CLUB HOUSE COORD	10/06/03

REVISION #12 SUMMARY
A. ADDED HATCH
B. ADDED NOTE

DATE

JOB NUMBER 021702

DRAWN BY JRE/JR

CHECKED BY KM

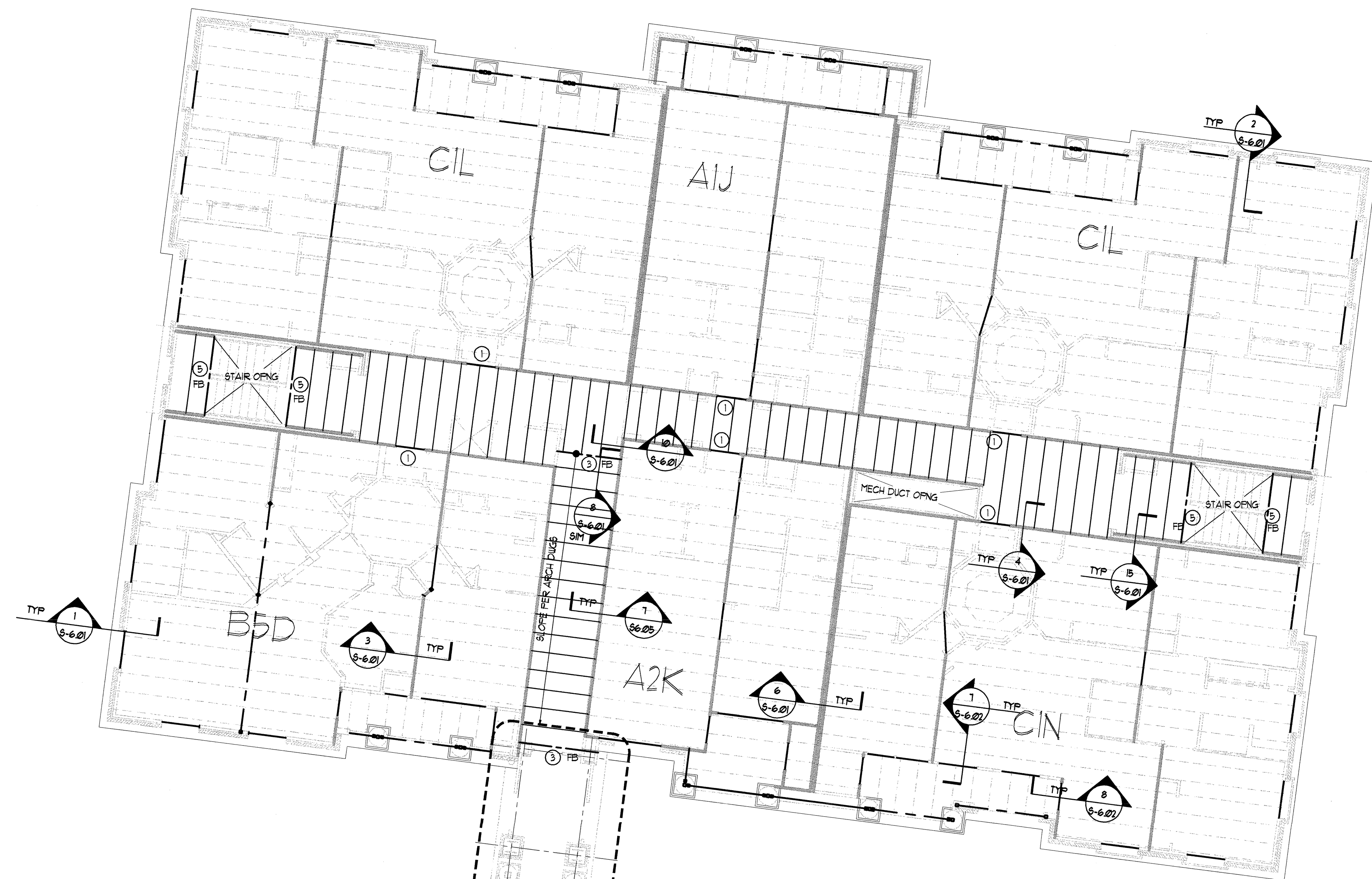
DRAWING TITLE

FLOOR FRAMING PLAN
LEVEL 4 - BUILDING 100

DRAWING NUMBER

S-2.03

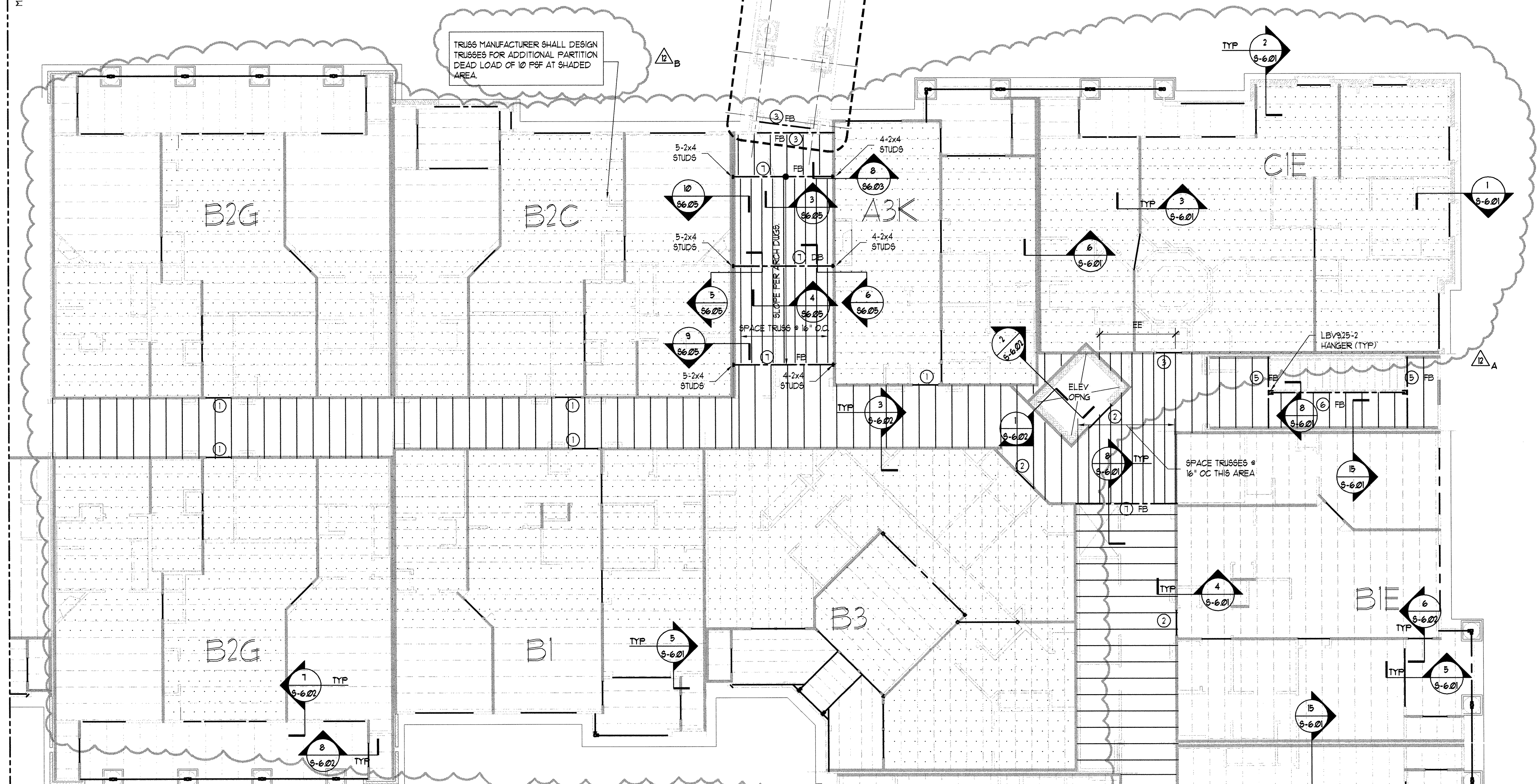
COMMENTS



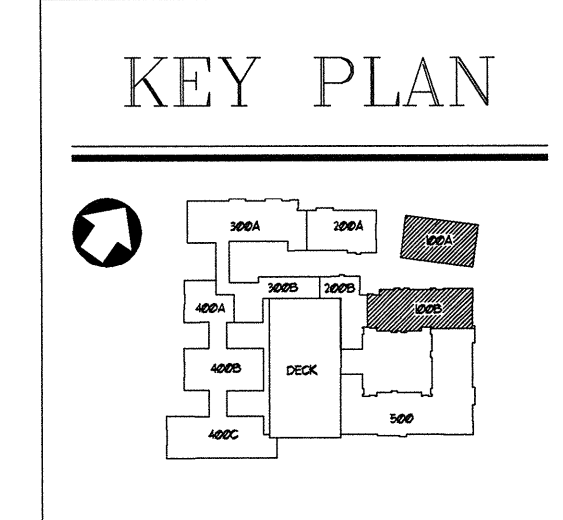
1 FLOOR FRAMING PLAN LEVEL 4 - BLDG. 100A
SCALE: 1/8"=1'-0"

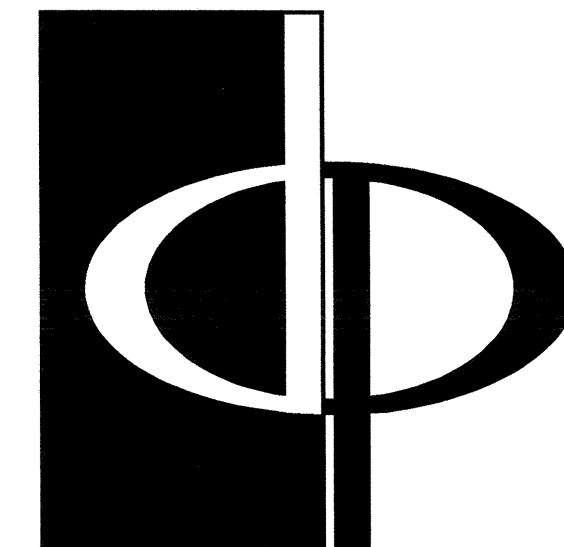
SEE 9-201 FOR FLOOR FRAMING NOTES AND BEAM/HEADER SCHEDULE

BUILDING 100B
SEE 5-203
MATCHLINE



2 FLOOR FRAMING PLAN LEVEL 4 - BLDG. 100B
SCALE: 1/8"=1'-0"





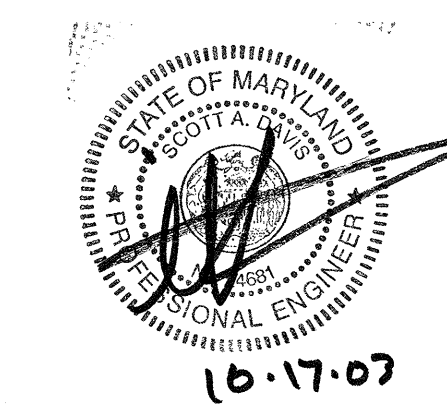
THE PRESTON PARTNERSHIP, LLC
A MULTI-DISCIPLINARY DESIGN FIRM

1000 ABERNATHY ROAD NE, SUITE 600
ATLANTA, GEORGIA 30328
TELEPHONE: 770 396 7248
FAX: 770 396 2945

WWW.THEPRESTONPARTNERSHIP.COM

CONSULTANT

SEAL

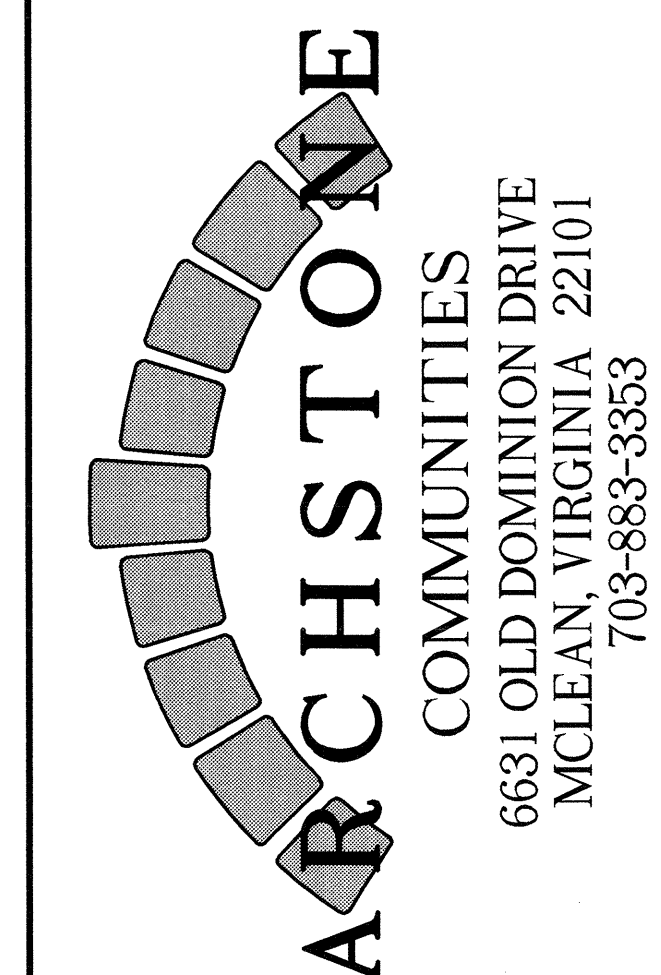


PROJECT

ARCHSTONE
KENTLANDS

949 QUINCE ORCHARD ROAD
GAITHERSBURG, MARYLAND

FOR



REVISIONS

RELEASED FOR CONSTRUCTION 01/08/03

DATE 01/31/03

JOB NUMBER 0211702

DRAWN BY JRE/JR

CHECKED BY KM

DRAWING TITLE MEZZANINE FRAMING PLAN

BUILDING 100

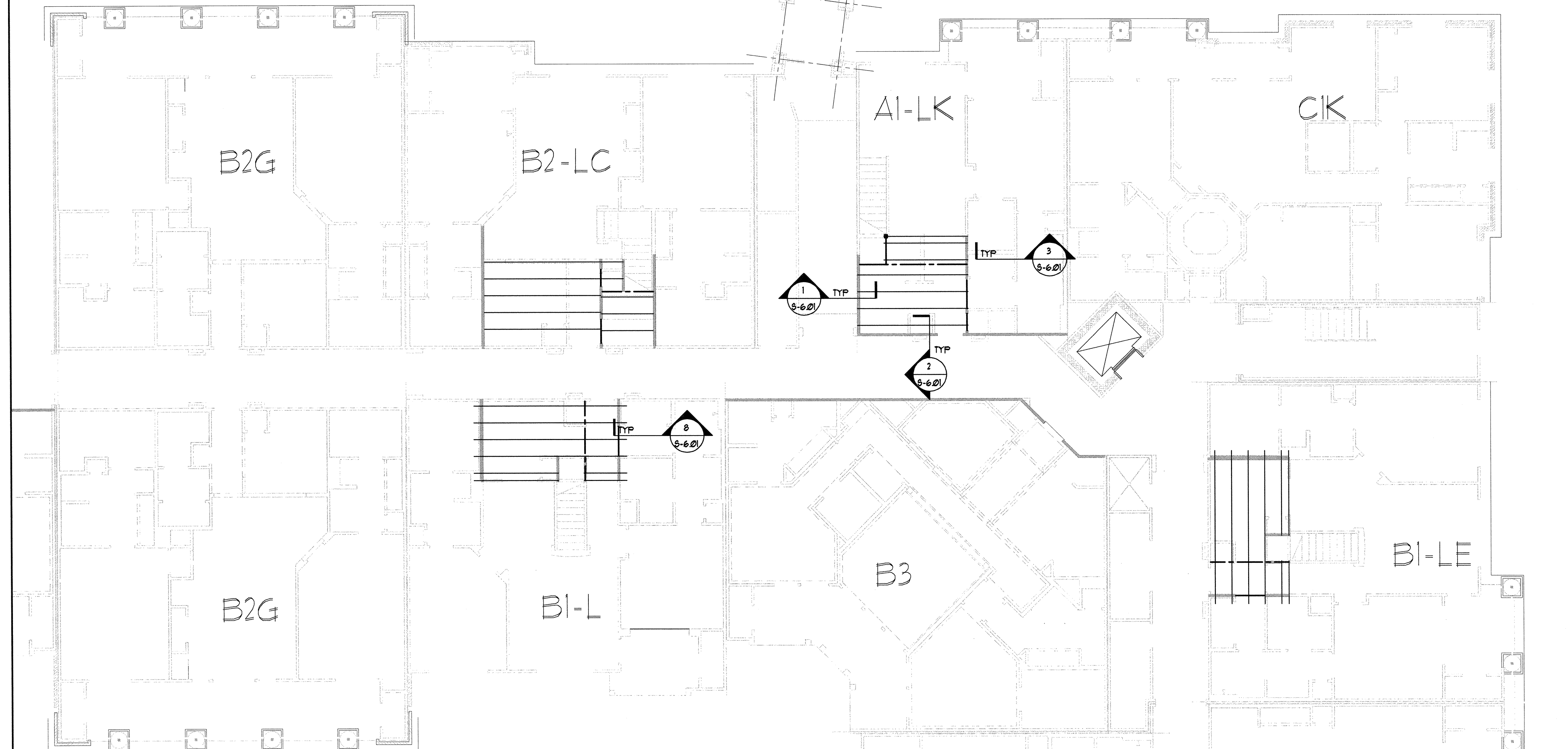
DRAWING NUMBER S-2.04

COMMENTS



1 MEZZANINE FRAMING PLAN - BLDG. 100A
SCALE: 1/8"=1'-0"

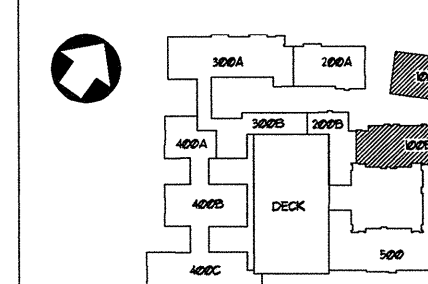
SEE S-2.01 FOR FLOOR FRAMING NOTES AND BEAM/HEADER SCHEDULE



MATCHLINE
BUILDING 500
SEE S-2.24

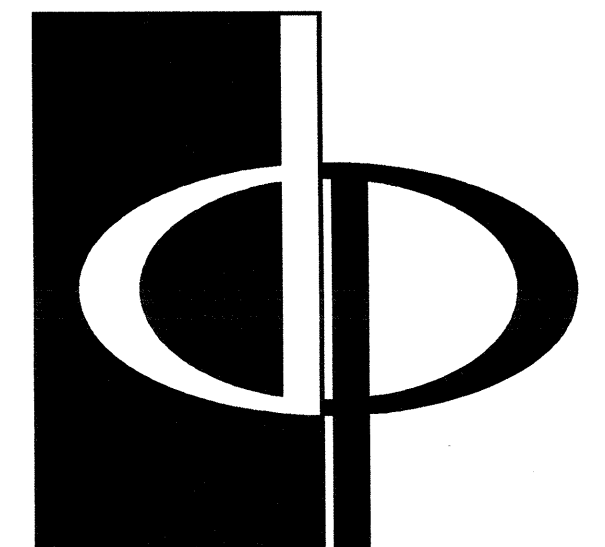
2 MEZZANINE FRAMING PLAN - BLDG. 100B
SCALE: 1/8"=1'-0"

KEY PLAN



PARKING DECK
BY OTHERS

BUILDING 200B
SEE S-2.03
MATCHLINE



THE PRESTON PARTNERSHIP, LLC
A MULTI-DISCIPLINARY DESIGN FIRM

1000 NATHAN ROAD NE, SUITE 600
ATLANTA, GEORGIA 30328
TELEPHONE: 770 396 7248
FAX: 770 396 2945

WWW.THEPRESTONPARTNERSHIP.COM

CONSULTANT

SEAL



PROJECT

ARCHSTONE
KENTLANDS

949 QUINCE ORCHARD ROAD
GAITHERSBURG, MARYLAND

FOR

ARCHSTONE
COMMUNITIES
6631 OLD DOMINION DRIVE
MCLEAN, VIRGINIA 22101
703-883-3353

REVISIONS

RELEASED FOR CONSTRUCTION	07/18/03
TOM POPOFF REVIEW COMMENTS	07/18/03
CLUB HOUSE DESIGN	10/06/03

DATE

JOB NUMBER 021108

DRAWN BY JRE,JR

CHECKED BY

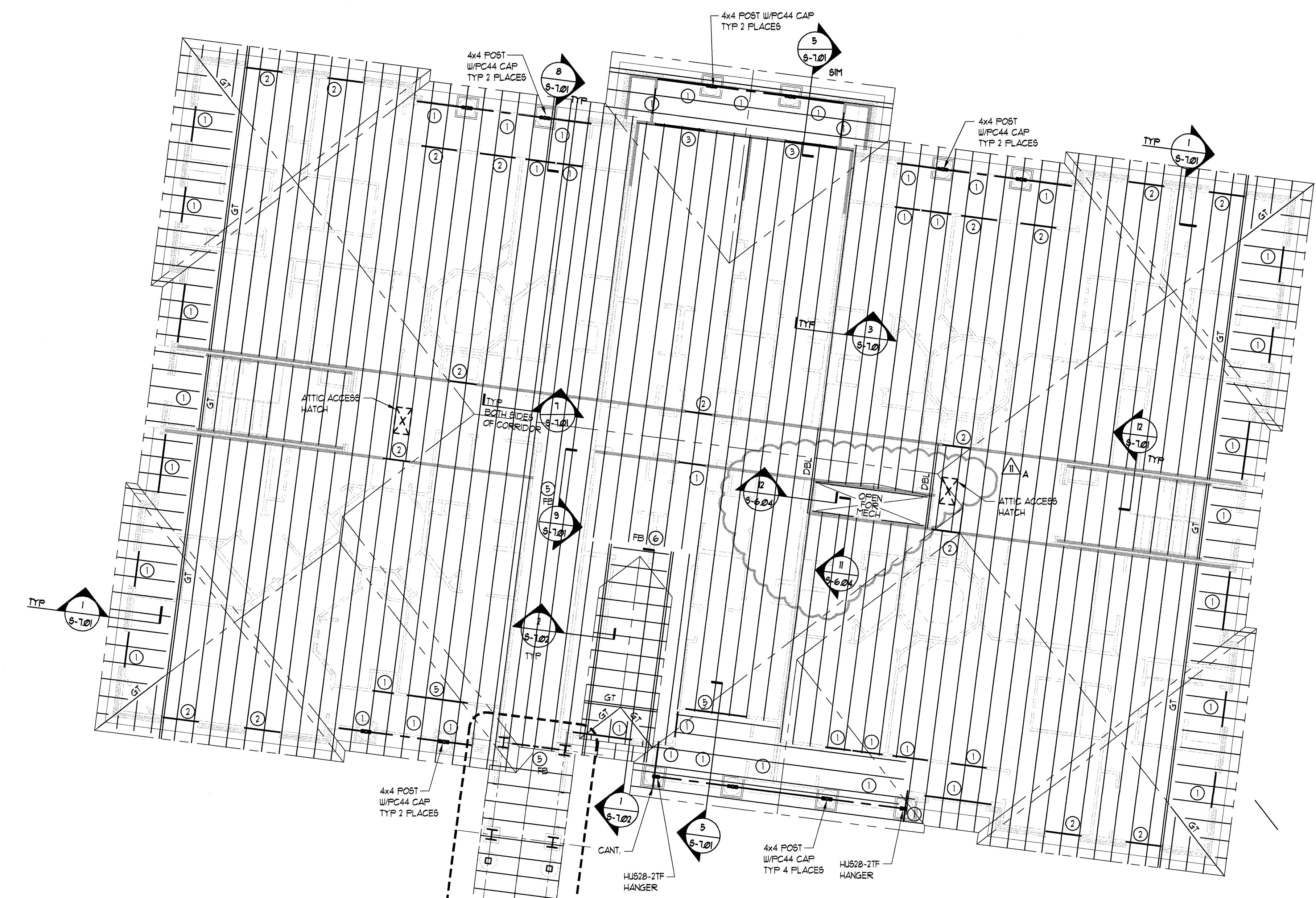
DRAWING TITLE K1

ROOF FRAMING PLAN BUILDING 100

DRAWING NUMBER

S-2.05

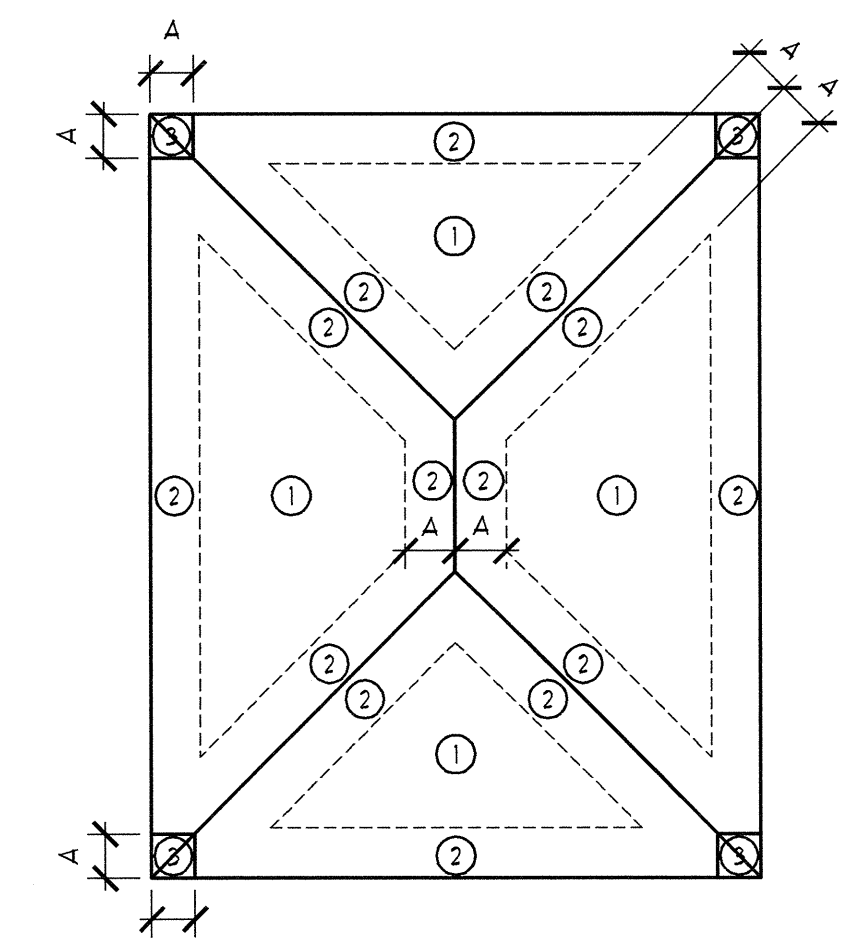
COMMENTS



1 ROOF FRAMING PLAN - BLDG. 100A
SCALE: 1/8"=1'-0"

ROOF FRAMING NOTES:

- FASTEN ALL ROOF TRUSSES AT ALL BEARING POINTS AND STUD FRAMING BELOW ACCORDING TO THE FOLLOWING SCHEDULE:
- | LOCATION | CLIP/STRAP AND SPACING |
|--|-----------------------------|
| ROOF TRUSS TO TOP PLATE AT ALL BEARING POINTS | 1 - H8 CLIP @ EA ROOF TRUSS |
| TOP PLATE TO STUD | 1 - H8 CLIP @ 24" OC |
| STUD TO STUD THROUGH FLOOR # 3RD & 4TH FLOORS ONLY | 1 - C56 STRAP @ 48" OC |
- NOTE: FOR MULTIPLE CLIP DESIGNATIONS, LOCATE CLIPS ON OPPOSITE SIDE OF PLATE
- FASTEN ALL ROOF BEAMS/ HEADERS UP TO 8'-0" SPAN w/ (1) C56 STRAP w/ (6) 10d NAILS INTO BEAM/ HEADER & (6) 10d NAILS INTO SUPPORTS BELOW. PROVIDE (1) C56 STRAP w/ (6) 10d NAILS EACH END THROUGH 3RD & 4TH FLOORS ALIGNED w/ BEAM SUPPORTS.
 - FOR ALL OTHER BEAMS/ HEADERS USE (1) C56 STRAP w/ (1) 10d NAIL INTO BEAM/ HEADER & (1) 10d NAIL INTO SUPPORT BELOW.
 - FASTEN TYP. ROOF GIRDER TRUSSES AT CORNERS AND GIRDER TRUSSES LESS THAN EQUAL TO 10'-0" IN LENGTH w/ (2) H8 CLIPS AT ALL BEARING POINTS INTO SUPPORT BELOW. MAKE SUPPORT CONT. TO FOUNDATION AND PROVIDE C56 STRAP THROUGH FLOOR w/ 1-10d NAILS EA END AT ALL FLOORS.
 - FASTEN ALL OTHER ROOF GIRDER TRUSSES w/ LGT-2 TIEDOWN w/ 1/8-16d SINKERS INTO GIRDER TRUSS & 1/4-16d SINKERS INTO SUPPORT BELOW. MAKE SUPPORT CONT. TO FOUNDATION AND PROVIDE C56 STRAP THROUGH FLOOR w/ 1-10d NAILS EA END AT ALL FLOORS.
 - ROOF TRUSS MFR. SHALL DESIGN ALL ROOF TRUSS COMPONENTS FOR THE NET UPLIFT PRESSURES SHOWN IN DIAGRAM BELOW.
 - ALIGN OR PROVIDE ADD'L ROOF TRUSS ABOVE ALL TOP FLOOR SHEAR WALLS. SEE BRACING PLANS FOR LOCATION.
 - ROOF TRUSSES SHALL BE SPACED @ 24" OC MAX.
 - G.T. DENOTES GIRDER TRUSS. FB. DENOTES FLUSH BEAM. D.B.L. DENOTES DOUBLE TRUSS.
 - ALL ROOF TRUSSES SHALL BE DESIGNED BY THE TRUSS SUPPLIER. SEE GENERAL NOTES ON DUG 801 FOR ADD'L INFO.
 - PROVIDE ROOF TRUSS VALLEY SETS AS REQUIRED TO FORM ROOF LINE. IF ROOF TRUSS VALLEY SETS CANNOT BE USED, OVERLAY FRAMING SHALL BE 2x6 @ 24" OC (MAX) w/ 2x8 RIDGE MEMBER.
 - SEE FLOOR FRAMING NOTES ON S-2.01 FOR BEAM/HEADER SCHEDULE.
 - PROVIDE 2-2x4 STUDS AT ALL GIRDER TRUSS BEARING POINTS UNO. ON PLAN.



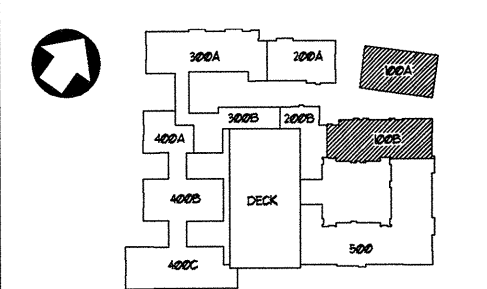
ROOF NET UPLIFT PRESSURE DIAGRAM

ZONE	NET UPLIFT PRESSURE (PSF)
1	53
2	141
3	141
OVERHANG AT EAVE	301

REVISION #1 SUMMARY

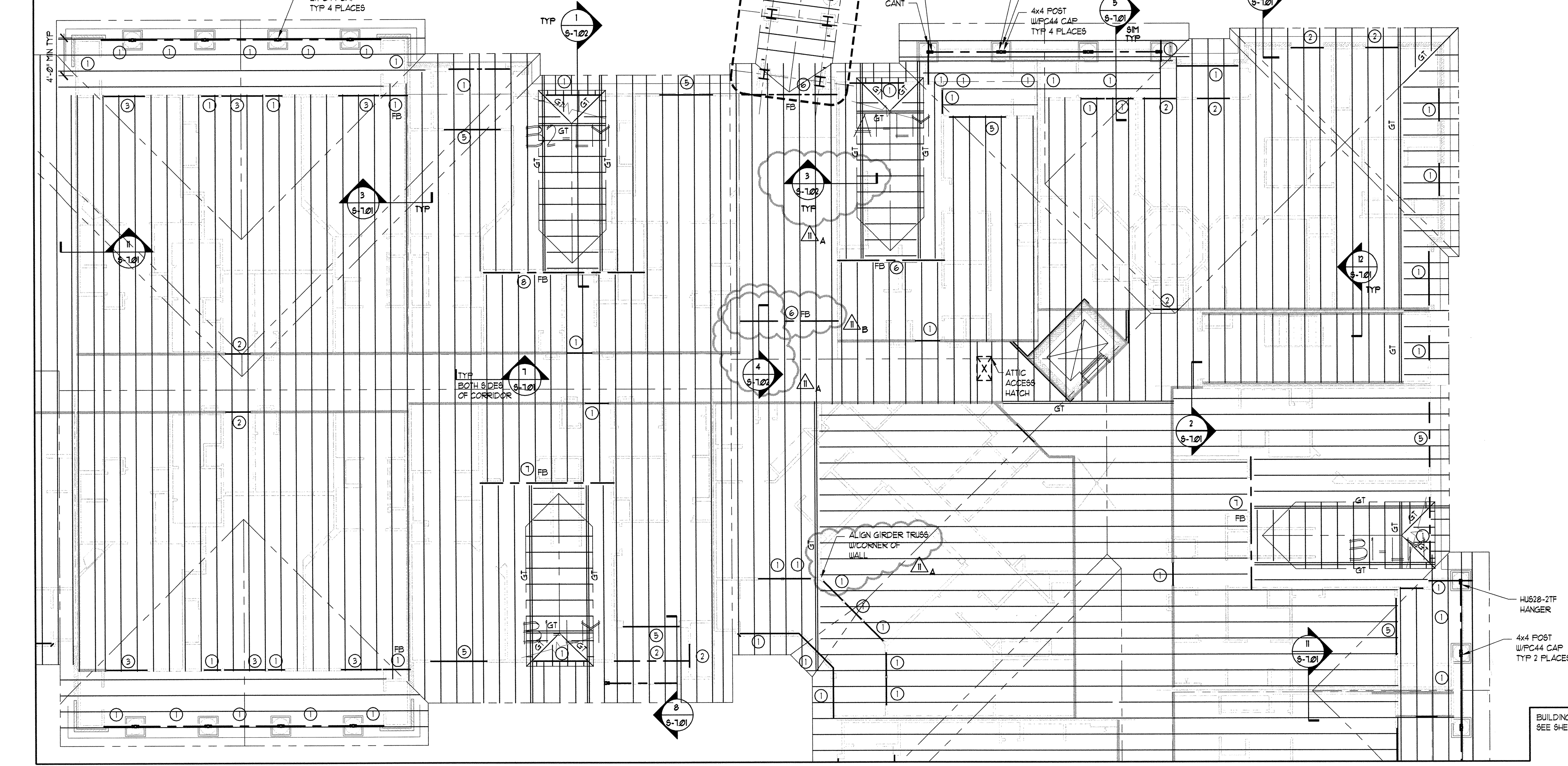
- A. ADDED SECTION MARK AND NOTE
- B. MOVED BEAM

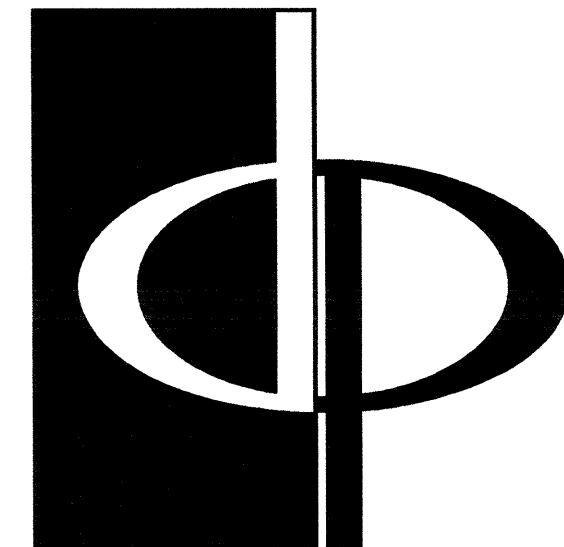
KEY PLAN



2 ROOF FRAMING PLAN - BLDG. 100B
SCALE: 1/8"=1'-0"

BUILDING 100B
SEE SHEET S-2.10

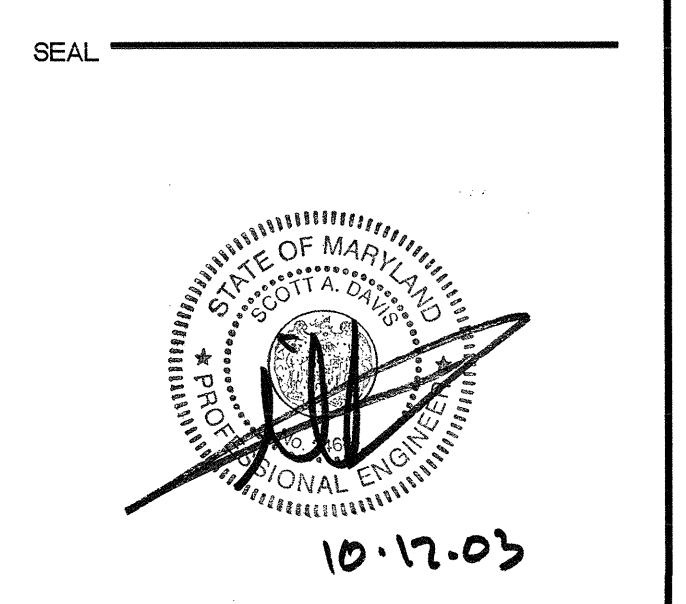




THE PRESTON PARTNERSHIP, LLC
A MULTI-DISCIPLINARY DESIGN FIRM

1000 ABERNATHY ROAD NE, SUITE 600
ATLANTA, GEORGIA 30328
TELEPHONE: 770 396 7248
FAX: 770 396 2945
WWW.THEPRESTONPARTNERSHIP.COM

CONSULTANT _____



PROJECT
ARCHSTONE KENTLANDS
949 QUINCE ORCHARD ROAD
GAITHERSBURG, MARYLAND

FOR
ARCHSTONE COMMUNITIES
6631 OLD DOMINION DRIVE
MCLEAN, VIRGINIA 22101
703-883-3353

REVISIONS

RELEASED FOR CONSTRUCTION	01/31/03
TOM POPOFF REVIEW COMMENTS	07/18/03
CLUB HOUSE COORD	10/06/03

DATE _____

JOB NUMBER 0211702

DRAWN BY _____

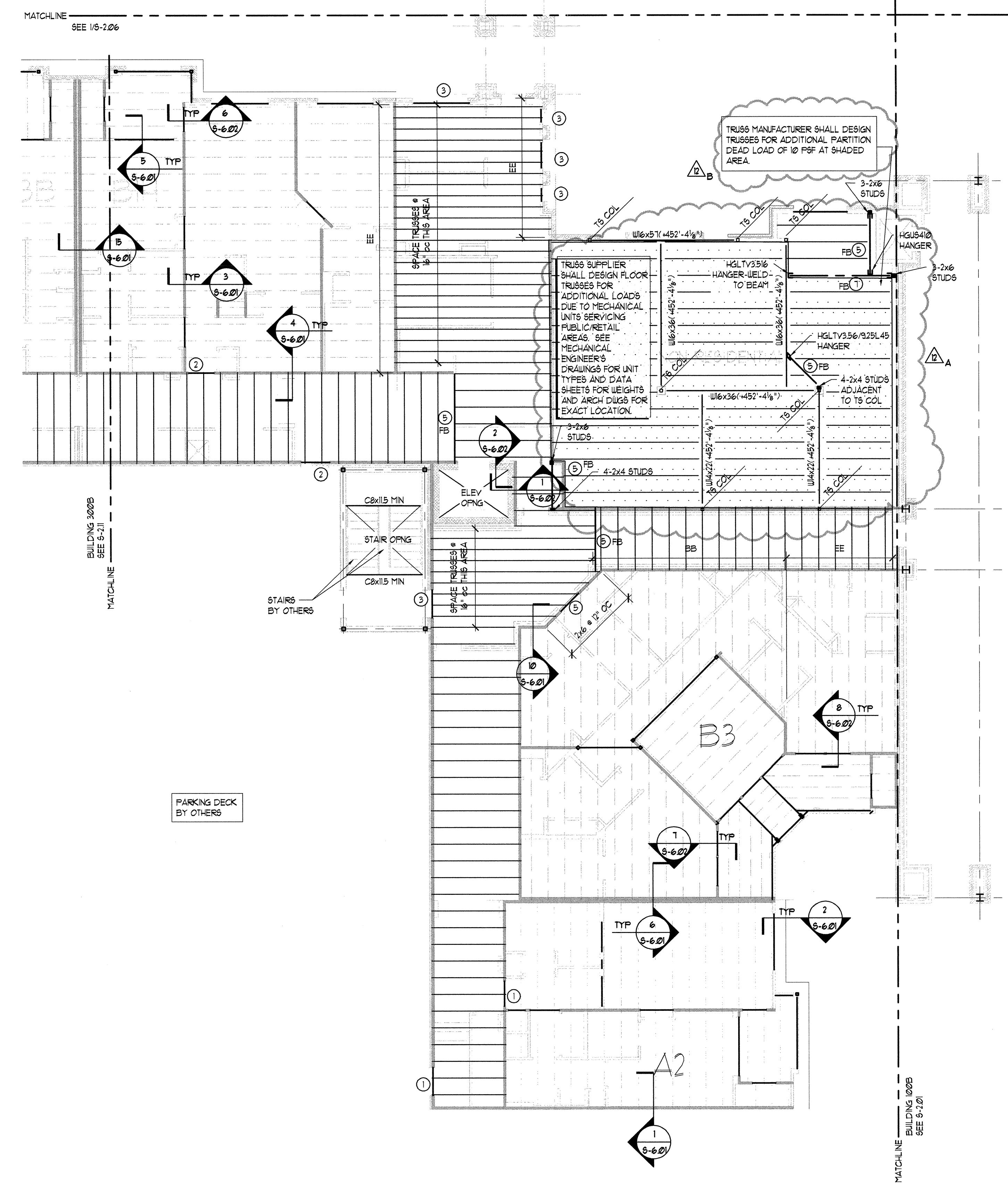
CHECKED BY JREJR

DRAWING TITLE K1

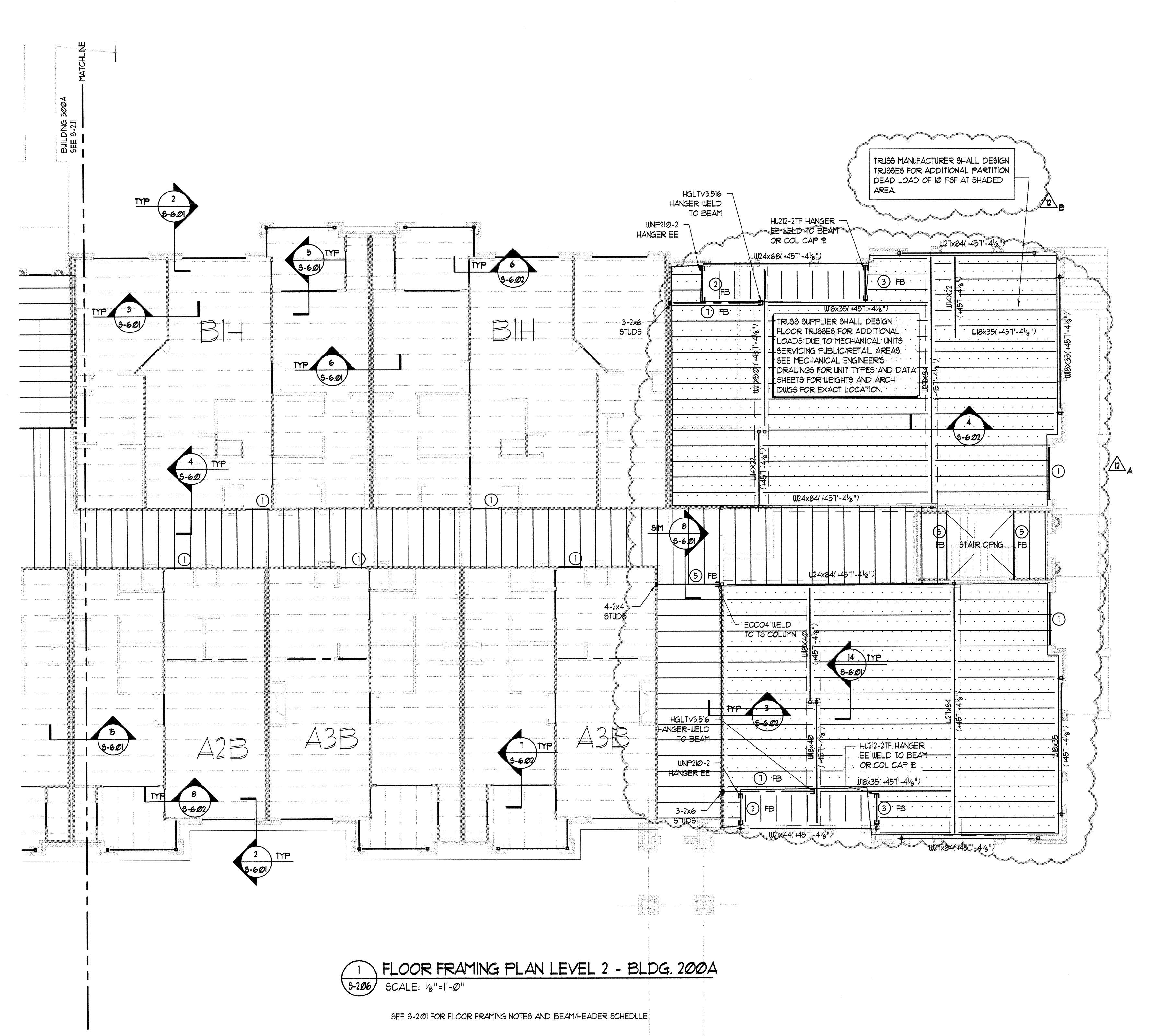
FLOOR FRAMING PLAN LEVEL 2 - BUILDING 200

DRAWING NUMBER S-2.06

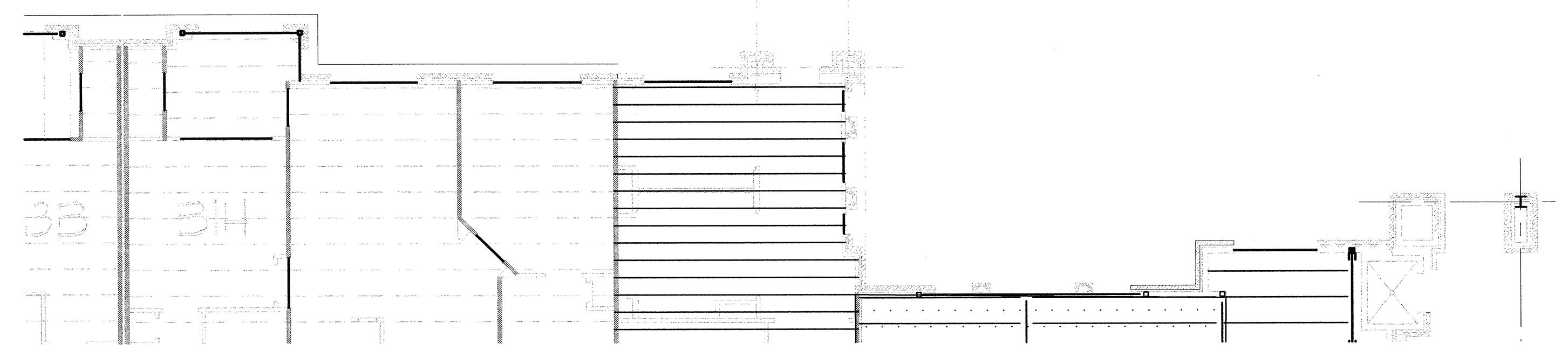
COMMENTS _____



2 FLOOR FRAMING PLAN LEVEL 2 - BLDG. 200B
SCALE: 1/8"=1'-0"
SEE S-2.01 FOR FLOOR FRAMING NOTES AND BEAM/HEADER SCHEDULE



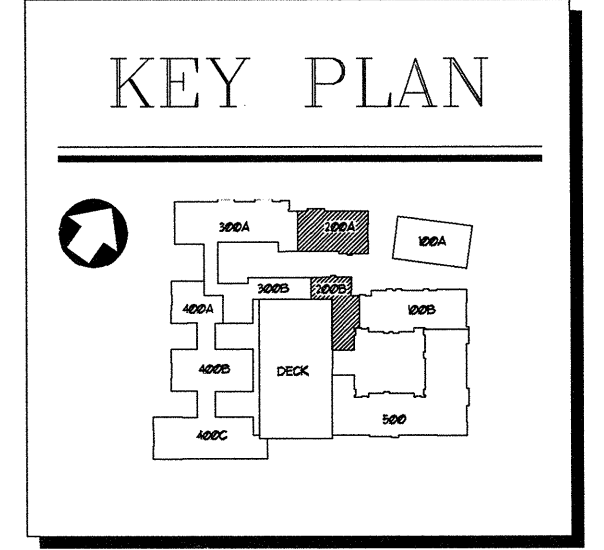
1 FLOOR FRAMING PLAN LEVEL 2 - BLDG. 200A
SCALE: 1/8"=1'-0"
SEE S-2.01 FOR FLOOR FRAMING NOTES AND BEAM/HEADER SCHEDULE



REVISION #12 SUMMARY

A. ADDED HATCH

B. ADDED NOTE



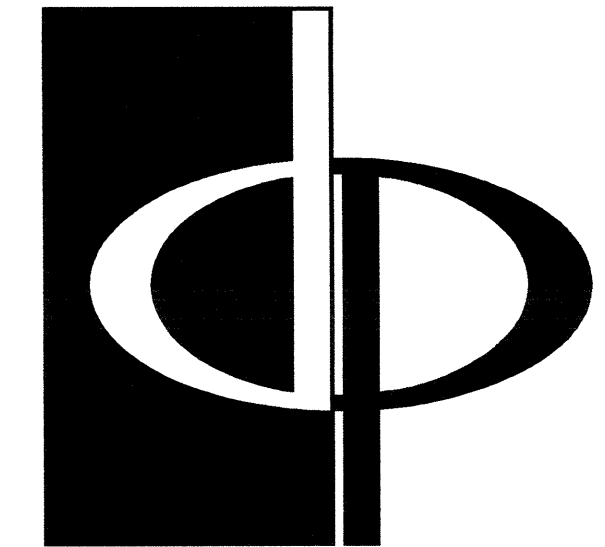
MATCHLINE SEE S-2.06

MATCHLINE SEE S-2.06

MATCHLINE BUILDING 200B SEE S-2.01

MATCHLINE BUILDING 200A SEE S-2.01

MATCHLINE BUILDING 200B SEE S-2.01



THE PRESTON PARTNERSHIP, LLC
A MULTI-DISCIPLINARY DESIGN FIRM

1000 ABERNATHY ROAD NE, SUITE 600
ATLANTA, GEORGIA 30328
TELEPHONE: 770 396 7248
FAX: 770 396 2945

WWW.THEPRESTONPARTNERSHIP.COM

CONSULTANT

SEAL



PROJECT

ARCHSTONE
KENTLANDS

949 QUINCE ORCHARD ROAD
GAITHERSBURG, MARYLAND

FOR

ARCHSTONE
COMMUNITIES
6631 OLD DOMINION DRIVE
MCLEAN, VIRGINIA 22101
703-883-3353

REVISIONS

RELEASED FOR CONSTRUCTION	01/31/03
▲ TOM POPOFF REVIEW COMMENTS	01/10/03
▲ CLUB HOUSE COORD	10/06/03

DATE

JOB NUMBER 01/31/03

DRAWN BY 0211708

CHECKED BY JREJR

DRAWING TITLE K1

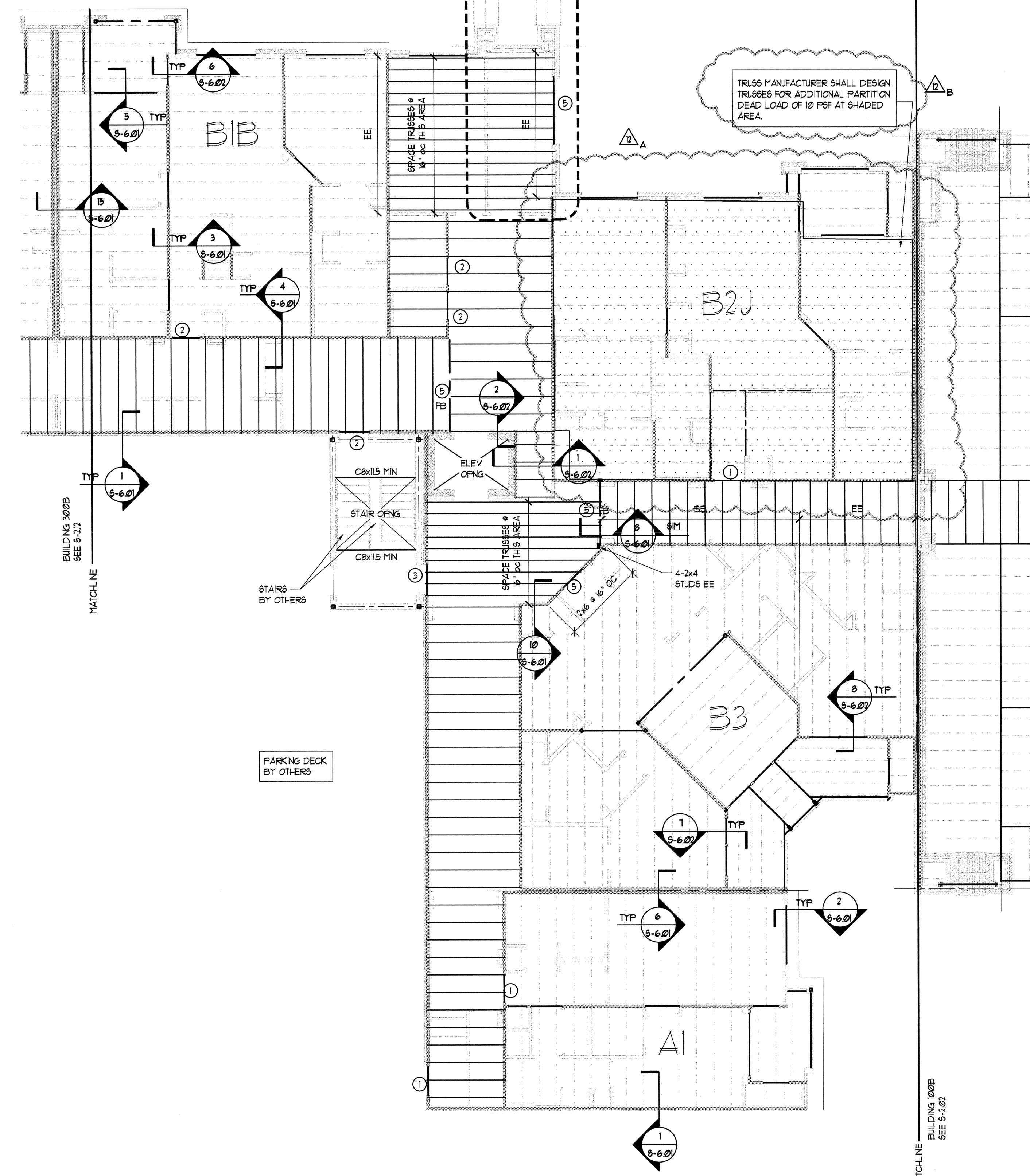
FLOOR FRAMING PLAN
LEVEL 3 - BUILDING 200

DRAWING NUMBER

S-2.07

COMMENTS

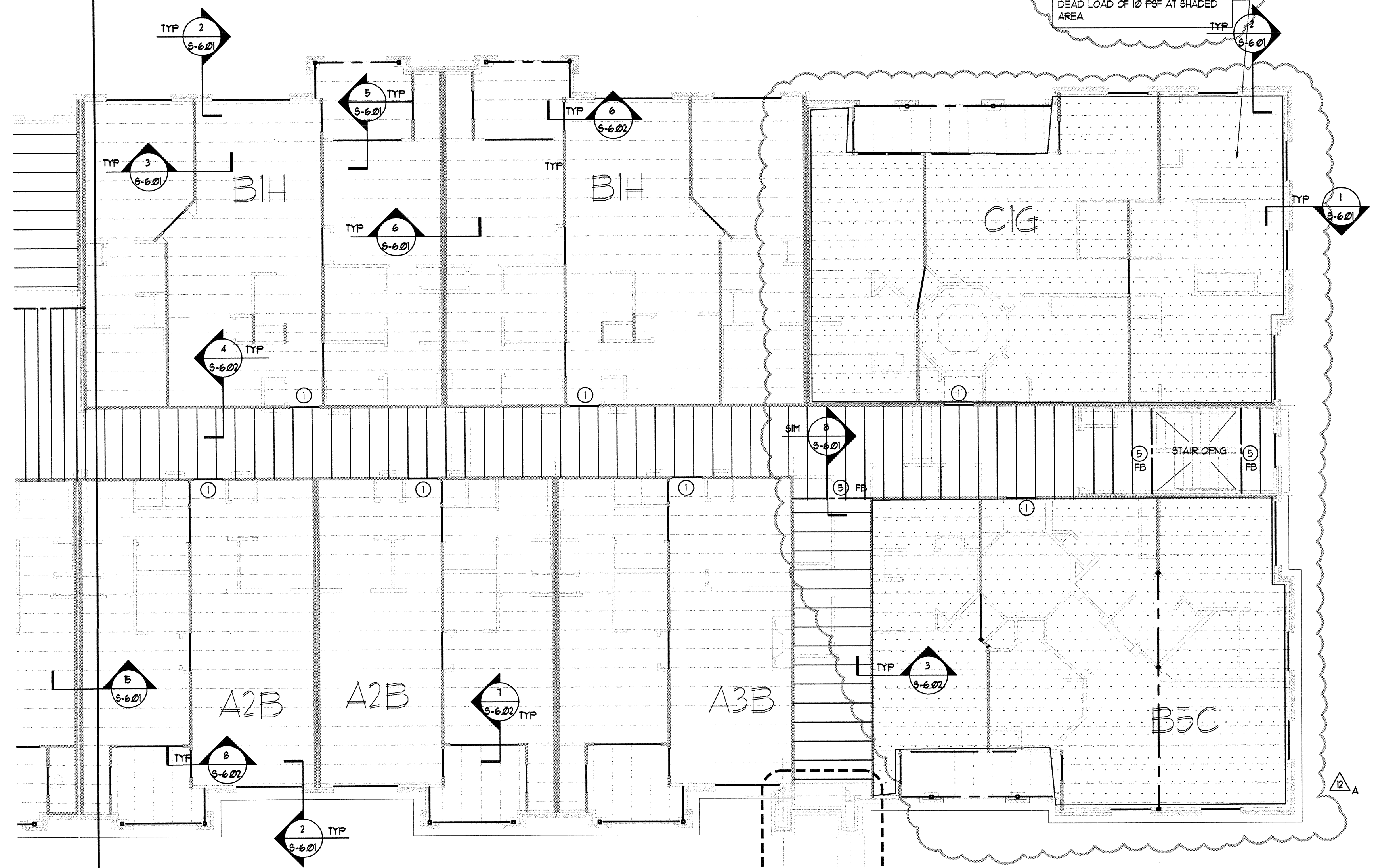
MATCHLINE
SEE 1/6-207



2 FLOOR FRAMING PLAN LEVEL 3 - BLDG. 200B
SCALE: 1/8"=1'-0"

SEE S-2.01 FOR FLOOR FRAMING NOTES AND BEAM/HEADER SCHEDULE

MATCHLINE
BUILDING 200A
SEE S-2.12



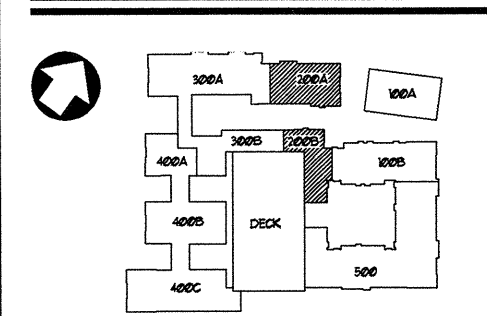
1 FLOOR FRAMING PLAN LEVEL 3 - BLDG. 200A
SCALE: 1/8"=1'-0"

SEE S-2.01 FOR FLOOR FRAMING NOTES AND BEAM/HEADER SCHEDULE

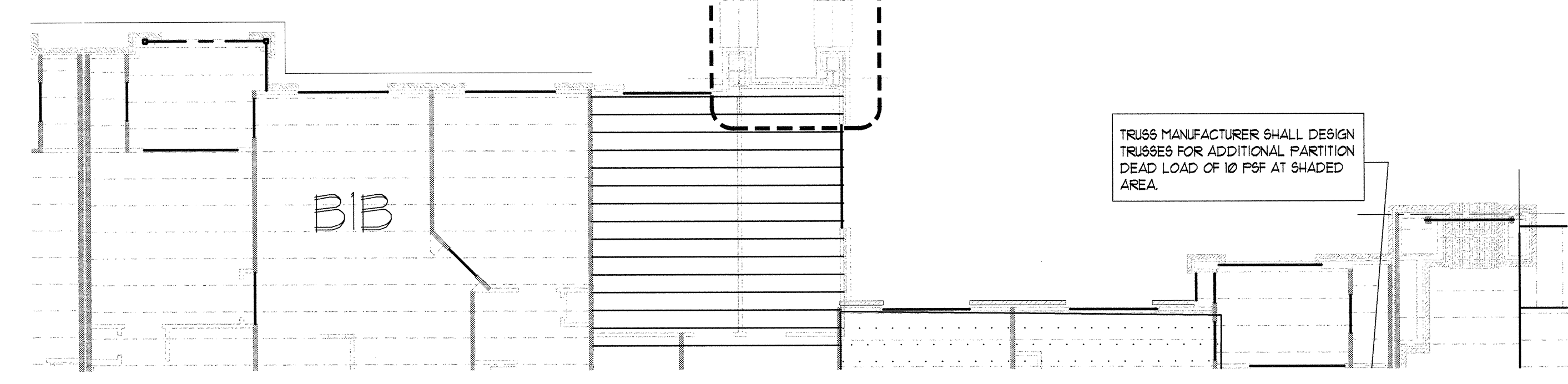
TRUSS MANUFACTURER SHALL DESIGN TRUSSES FOR ADDITIONAL PARTITION DEAD LOAD OF 10 PSF AT SHADED AREA.

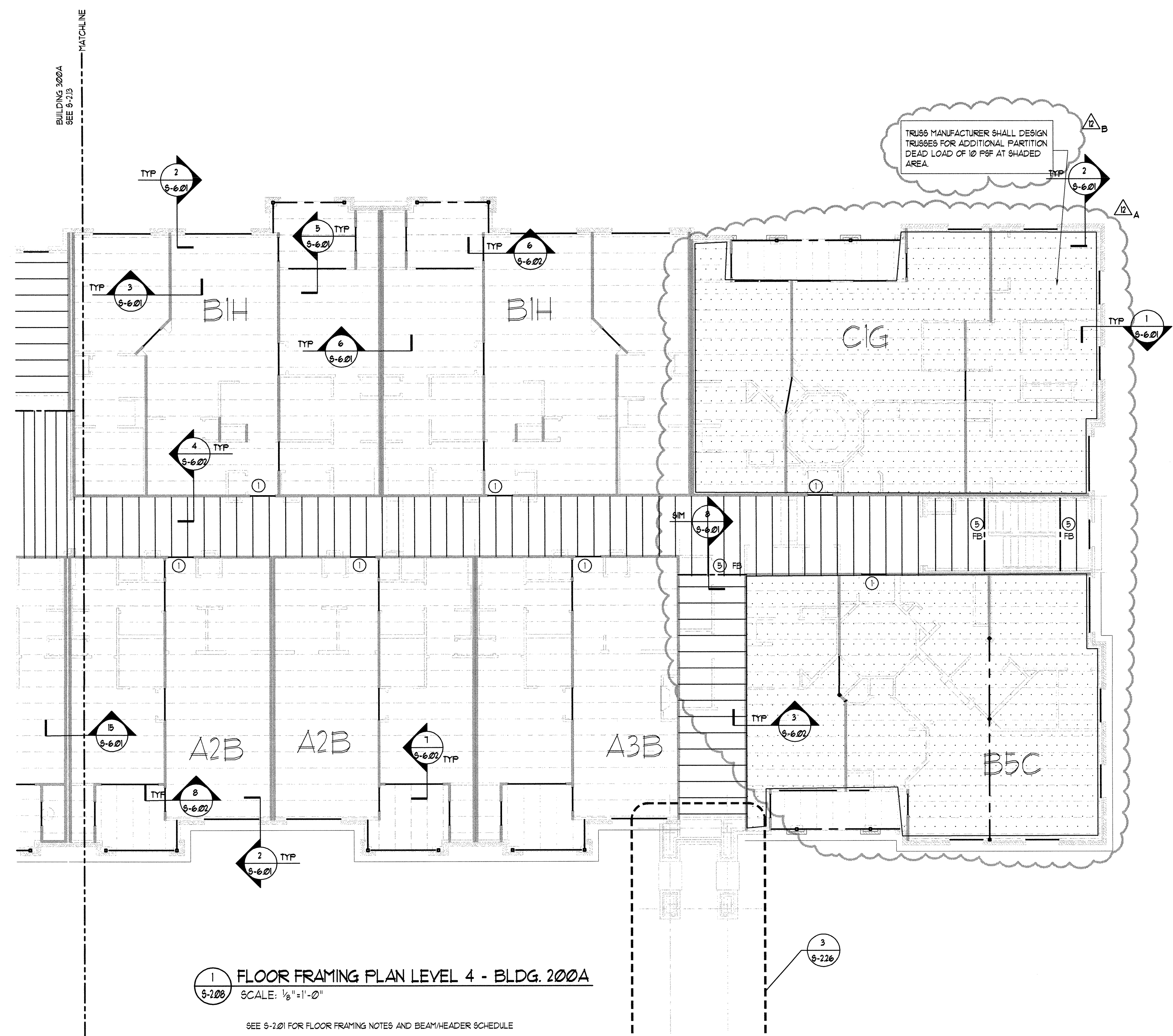
REVISION #12 SUMMARY
A. ADDED HATCH
B. ADDED NOTE

KEY PLAN

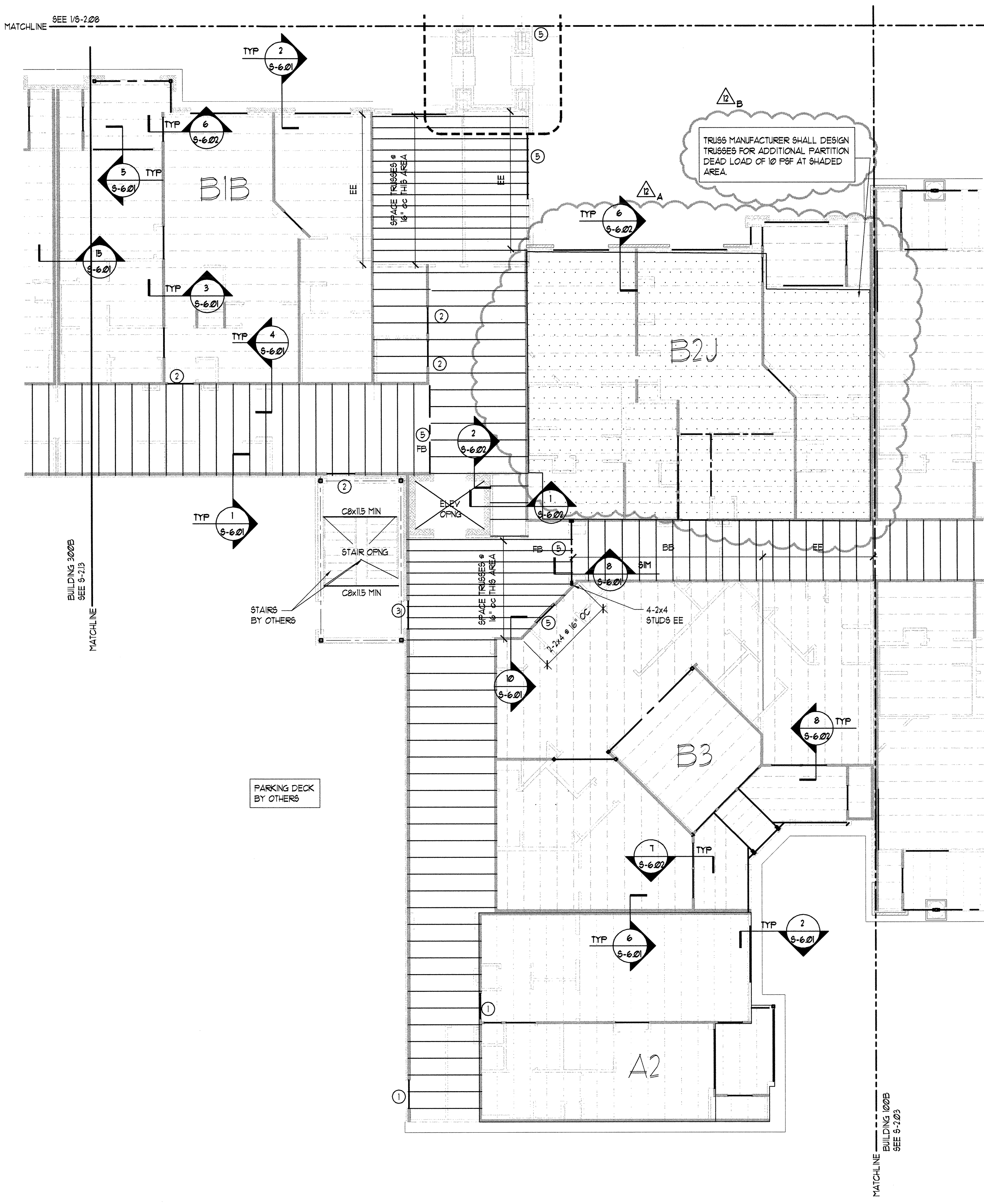


MATCHLINE
SEE 2/6-207

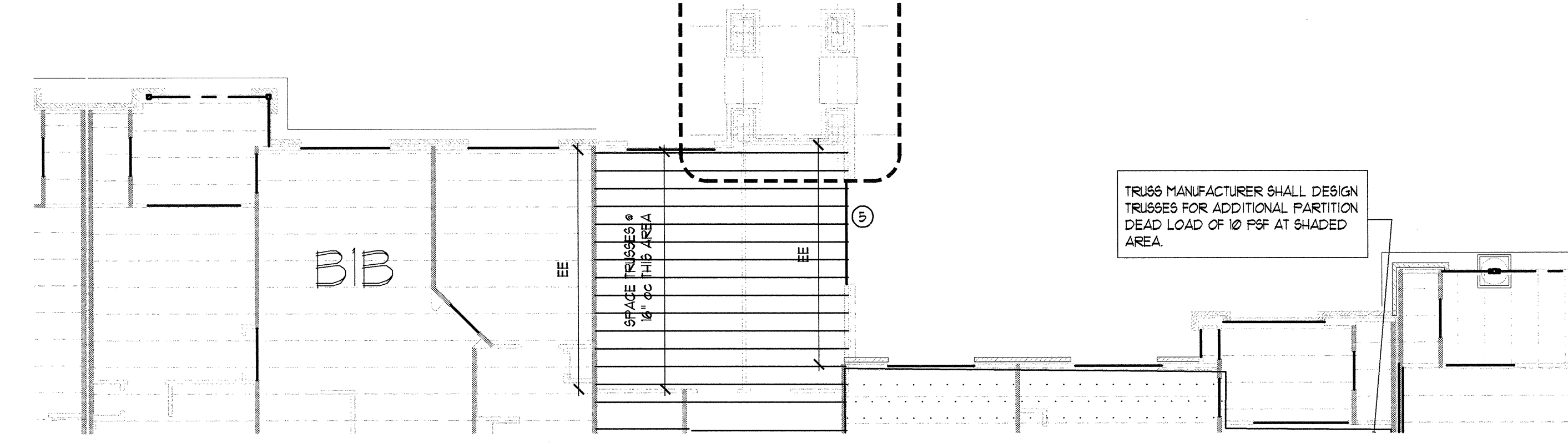




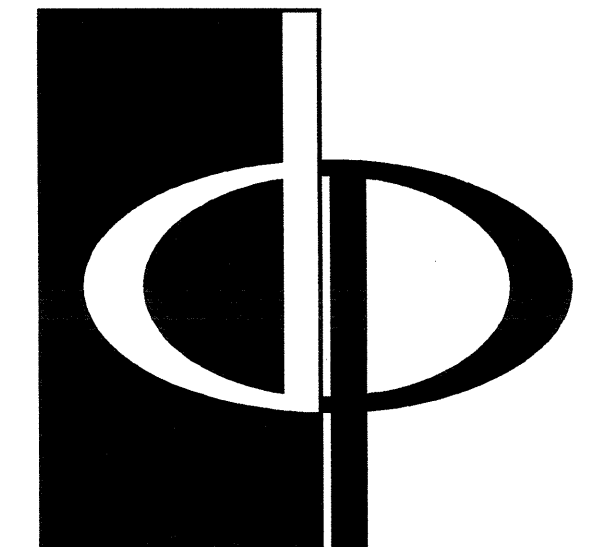
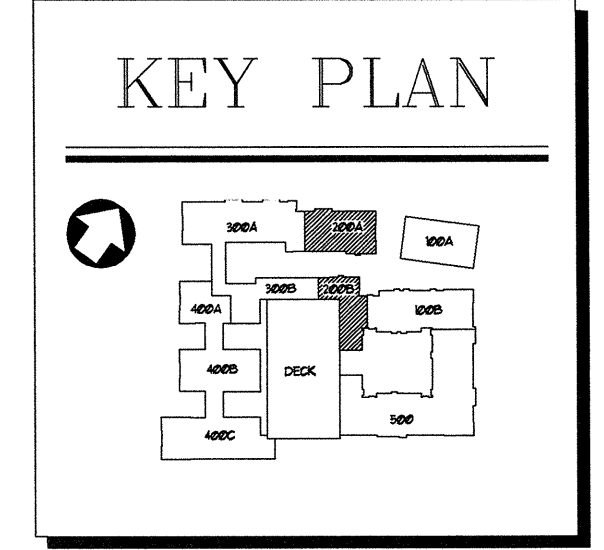
1 FLOOR FRAMING PLAN LEVEL 4 - BLDG. 200A
 S-208 SCALE: 1/8"=1'-0"
 SEE S-201 FOR FLOOR FRAMING NOTES AND BEAM/HEADER SCHEDULE



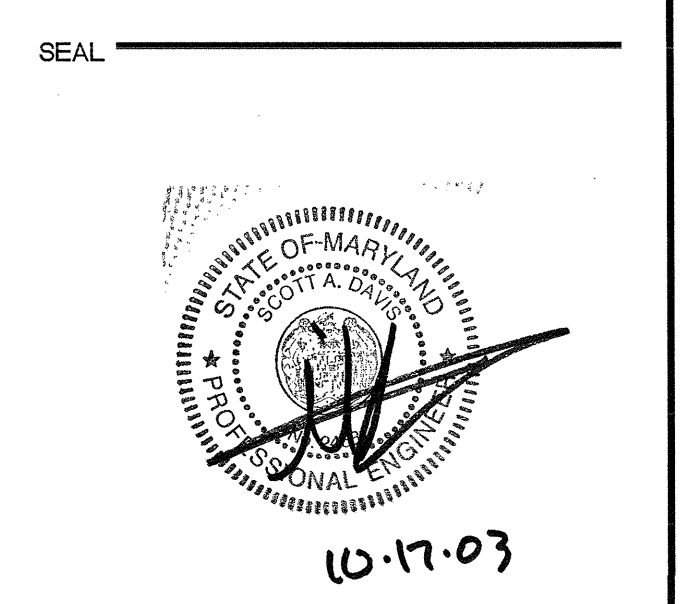
2 FLOOR FRAMING PLAN LEVEL 4 - BLDG. 200B
 S-208 SCALE: 1/8"=1'-0"
 SEE S-201 FOR FLOOR FRAMING NOTES AND BEAM/HEADER SCHEDULE



REVISION #12 SUMMARY
 A. ADDED HATCH
 B. ADDED NOTE



THE PRESTON PARTNERSHIP, LLC
 A MULTI-DISCIPLINARY DESIGN FIRM
 1000 ABERNATHY ROAD NE, SUITE 600
 ATLANTA, GEORGIA 30328
 TELEPHONE: 770 396 7248
 FAX: 770 396 2945
 WWW.THEPRESTONPARTNERSHIP.COM
 CONSULTANT

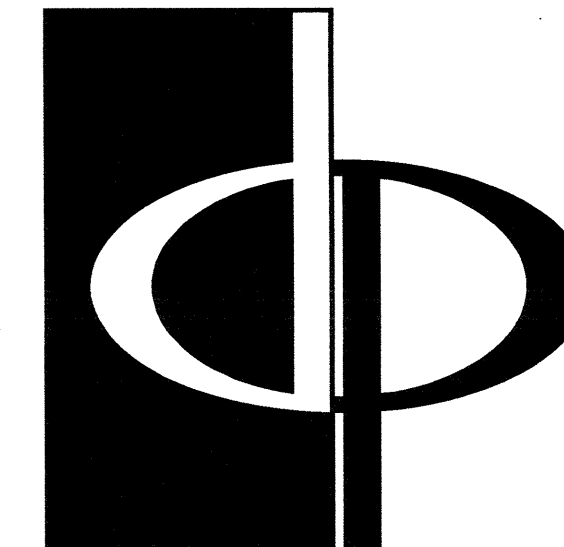


PROJECT
ARCHSTONE KENTLANDS
 949 QUINCE ORCHARD ROAD
 GAITHERSBURG, MARYLAND

FOR
ARCHSTONE COMMUNITIES
 6631 OLD VIRGINIA DRIVE
 MCLEAN, VIRGINIA 22101
 703-883-3353

REVISIONS	DATE
RELEASED FOR CONSTRUCTION	01/18/03
TOM POPPOFF REVIEW COMMENTS	01/18/03
CLUB HOUSE COORD	10/06/03

DATE: 01/31/03
 JOB NUMBER: 0211702
 DRAWN BY: JRE/JR
 CHECKED BY: KM
 DRAWING TITLE: FLOOR FRAMING PLAN LEVEL 4 - BUILDING 200
 DRAWING NUMBER: S-208
 COMMENTS:



THE PRESTON PARTNERSHIP, LLC
A MULTI-DISCIPLINARY DESIGN FIRM

1000 ABERNATHY ROAD NE, SUITE 600
ATLANTA, GEORGIA 30328
TELEPHONE: 770 396 7248
FAX: 770 396 2945

WWW.THEPRESTONPARTNERSHIP.COM

CONSULTANT

SEAL



10-17-03

PROJECT

ARCHSTONE
KENTLANDS

949 QUINCE ORCHARD ROAD
GAITHERSBURG, MARYLAND

FOR

ARCHSTONE
COMMUNITIES
6631 OLD DOMINION DRIVE
MCLEAN, VIRGINIA 22101
703-883-3353

REVISIONS

RELEASED FOR CONSTRUCTION 01/18/03

DATE 01/18/03

JOB NUMBER 0211708

DRAWN BY JREJR

CHECKED BY K1

DRAWING TITLE

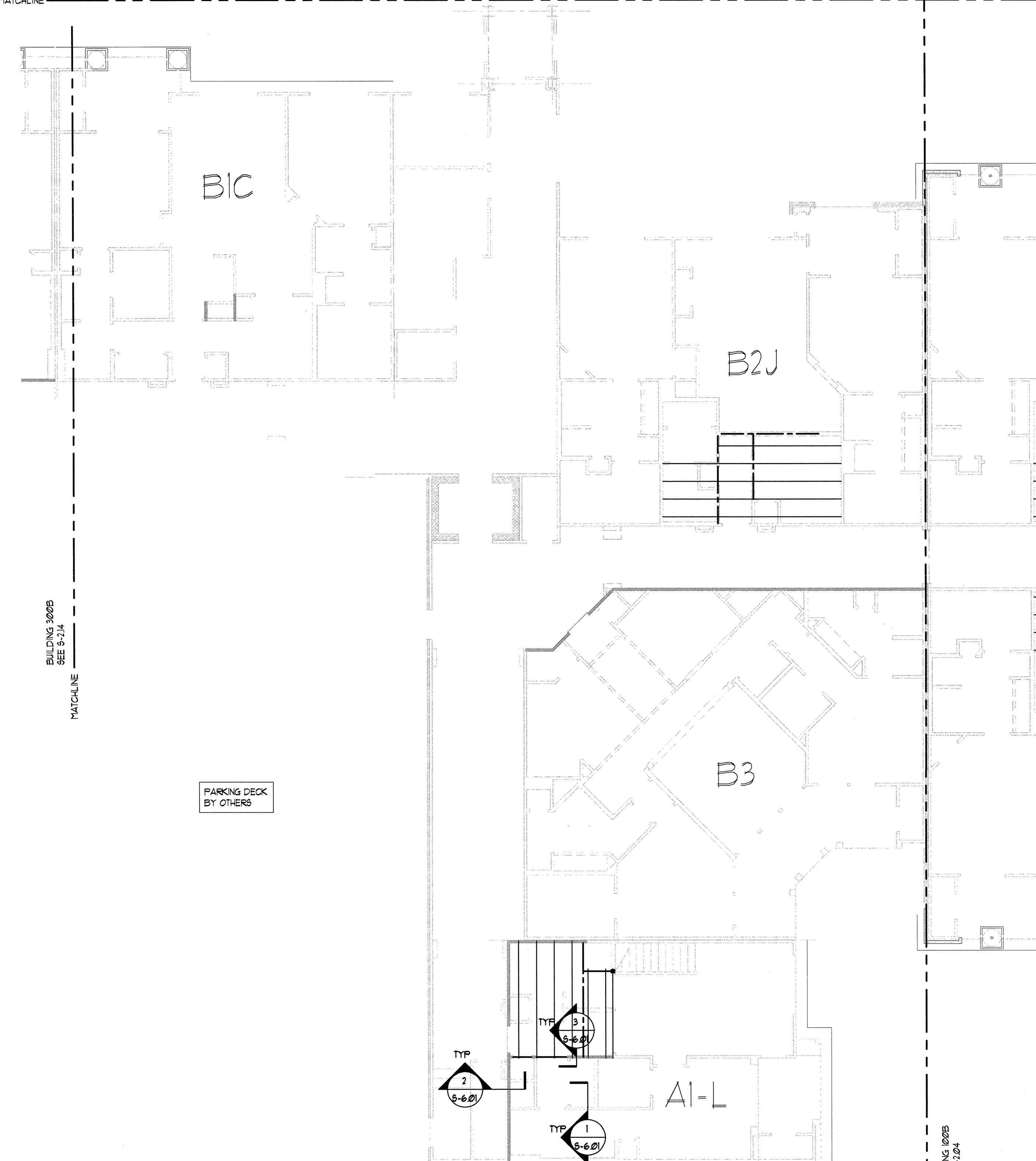
FLOOR FRAMING PLAN
MEZZANINE - BUILDING 200

DRAWING NUMBER

S-2.09

COMMENTS

MATCHLINE SEE 1/6-209

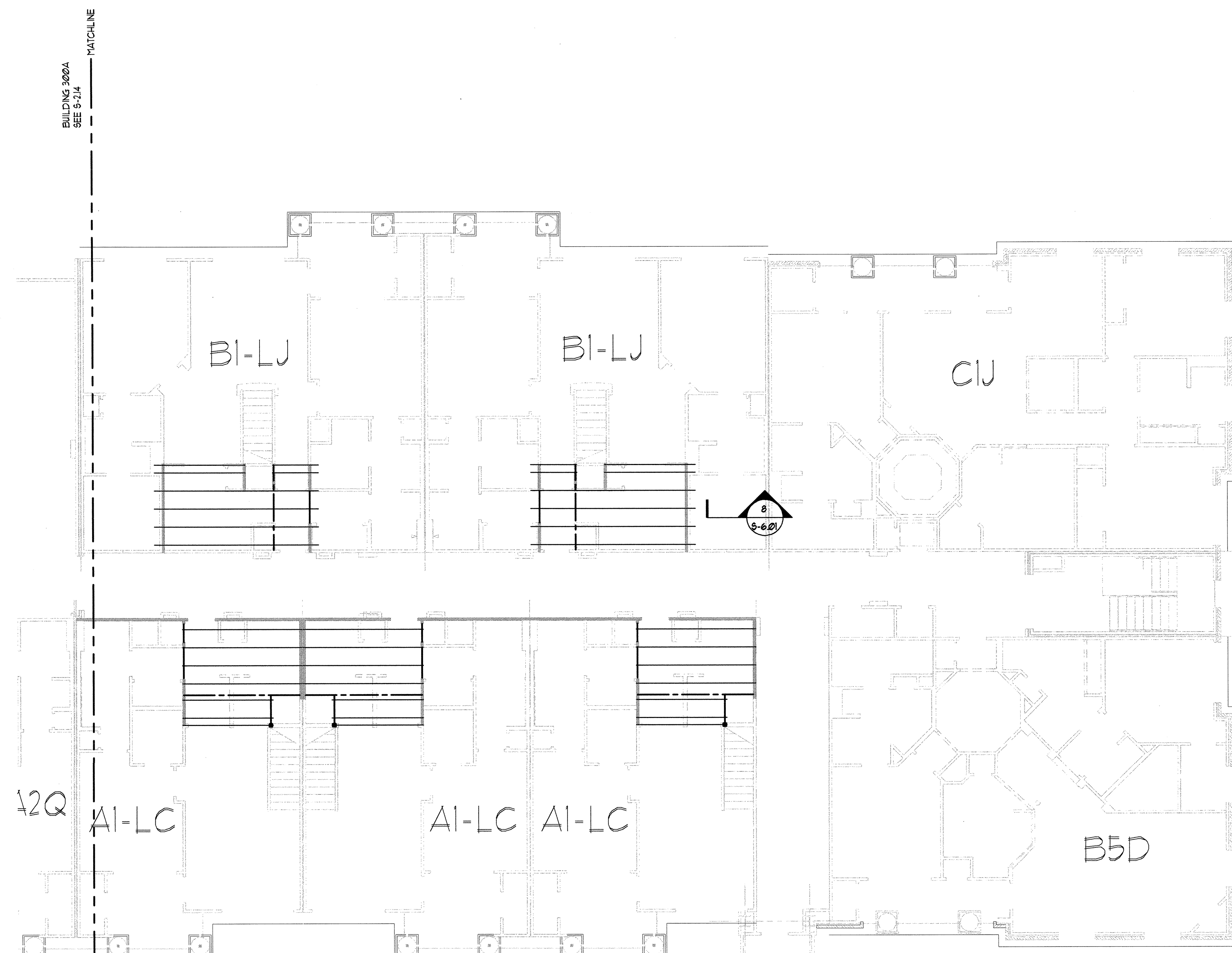


BUILDING 200B
SEE 9-214

MATCHLINE

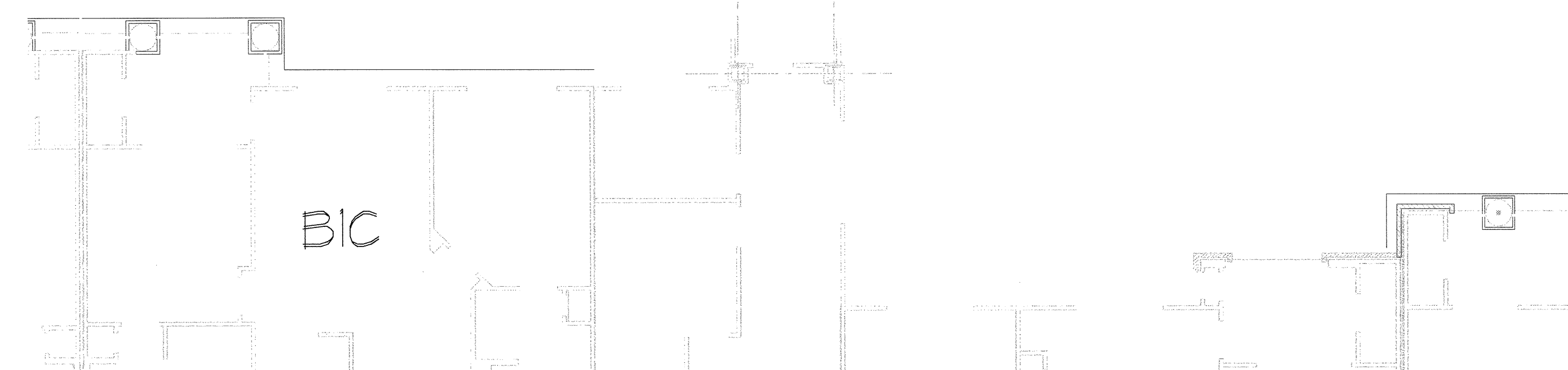
2 MEZZANINE FRAMING PLAN - BLDG. 200B
SCALE: 1/8"=1'-0"

BUILDING 200A
SEE 9-214

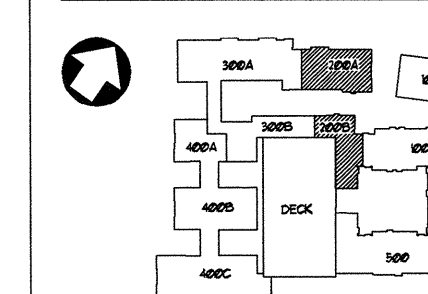


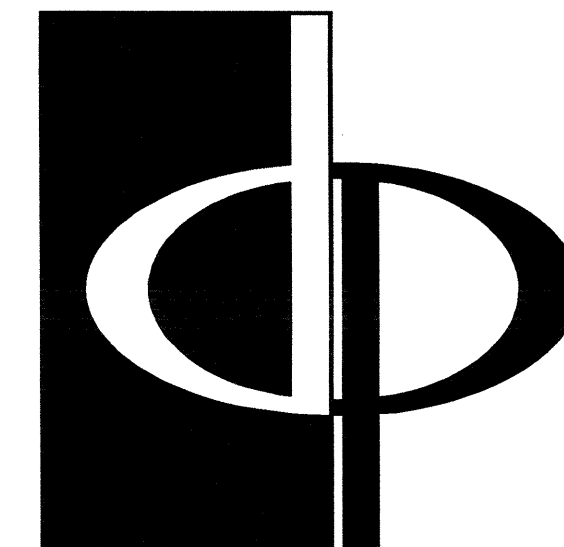
1 MEZZANINE FRAMING PLAN - BLDG. 200A
SCALE: 1/8"=1'-0"

MATCHLINE SEE 1/6-209



KEY PLAN





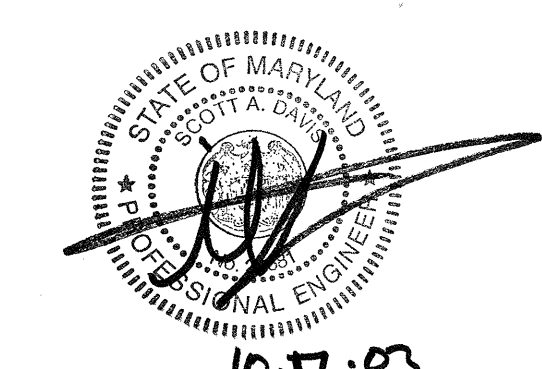
THE PRESTON PARTNERSHIP, LLC
A MULTI-DISCIPLINARY DESIGN FIRM

1000 ABERNATHY ROAD NE, SUITE 600
ATLANTA, GEORGIA 30328
TELEPHONE: 770 396 7248
FAX: 770 396 2945

WWW.THEPRESTONPARTNERSHIP.COM

CONSULTANT

SEAL



PROJECT

ARCHSTONE
KENTLANDS

349 QUINCE ORCHARD ROAD
GAITHERSBURG, MARYLAND

FOR

ARCHSTONE
COMMUNITIES
66331 OLD DOMINION DRIVE
MCLEAN, VIRGINIA 22101
703-883-3353

REVISIONS
RELEASED FOR CONSTRUCTION 07/18/03

DATE 07/31/03

JOB NUMBER 021108

DRAWN BY JRE/JR

CHECKED BY K1

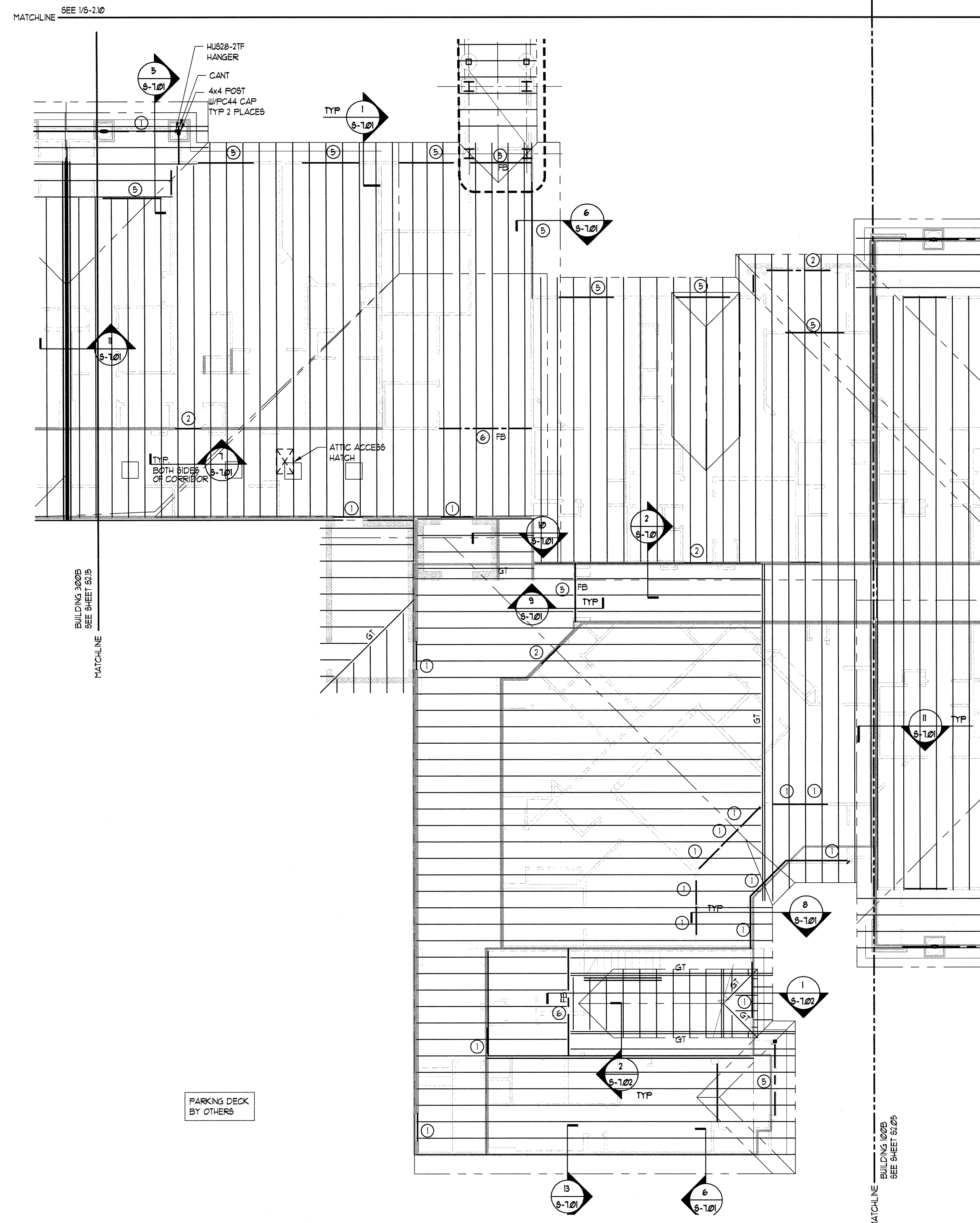
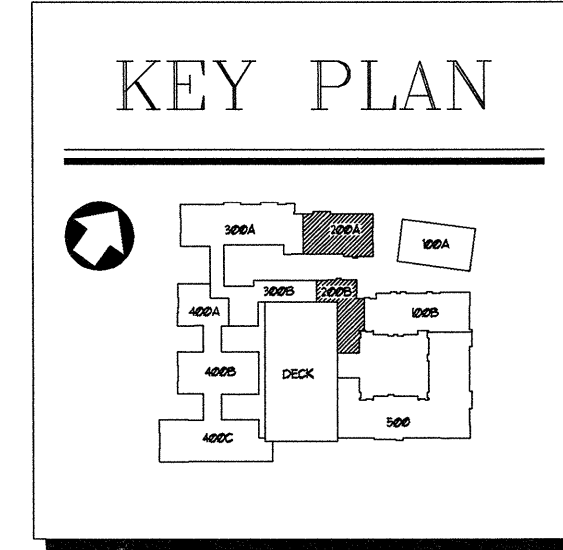
DRAWING TITLE

ROOF FRAMING PLAN
BUILDING 200

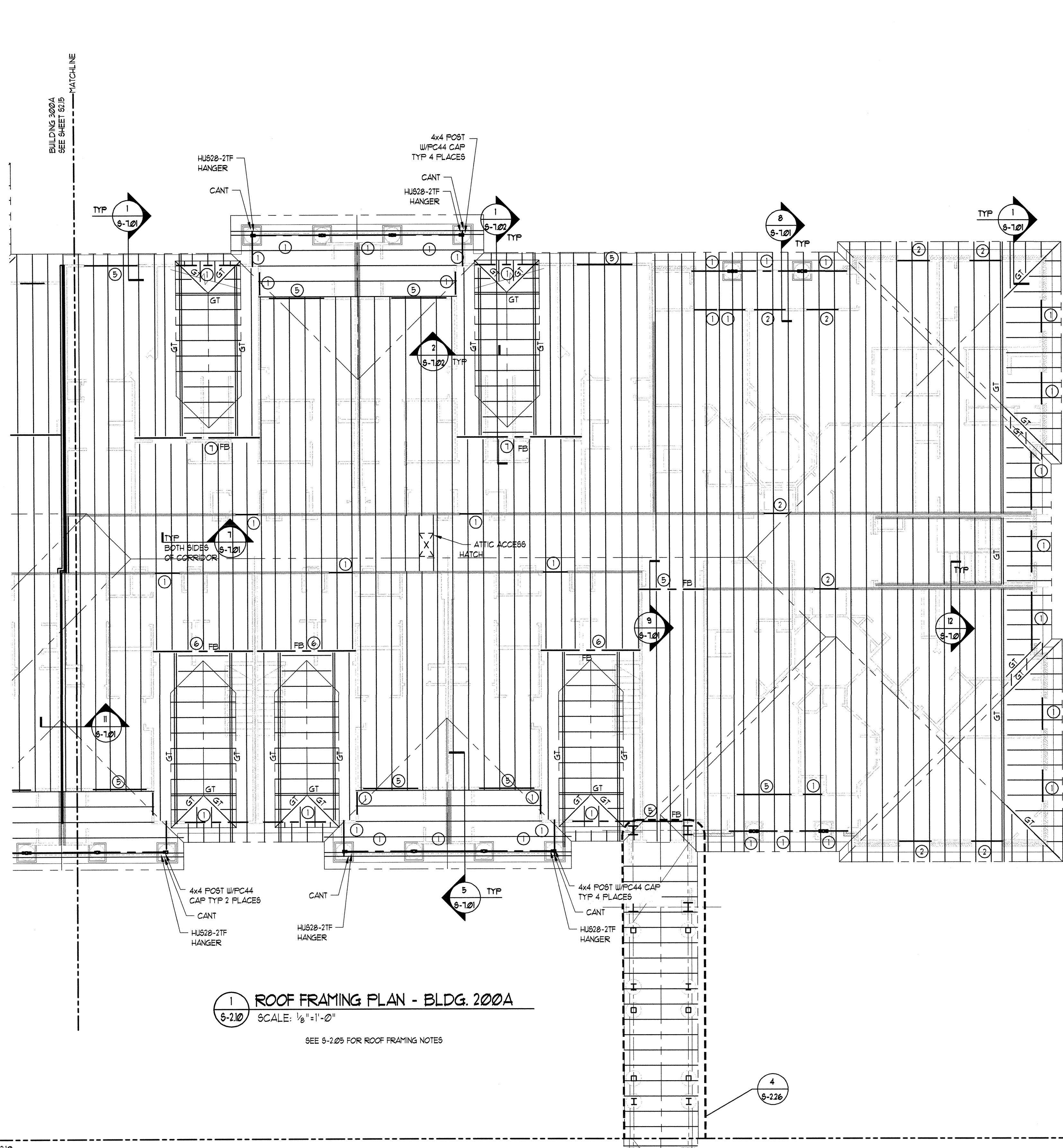
DRAWING NUMBER

S-2.10

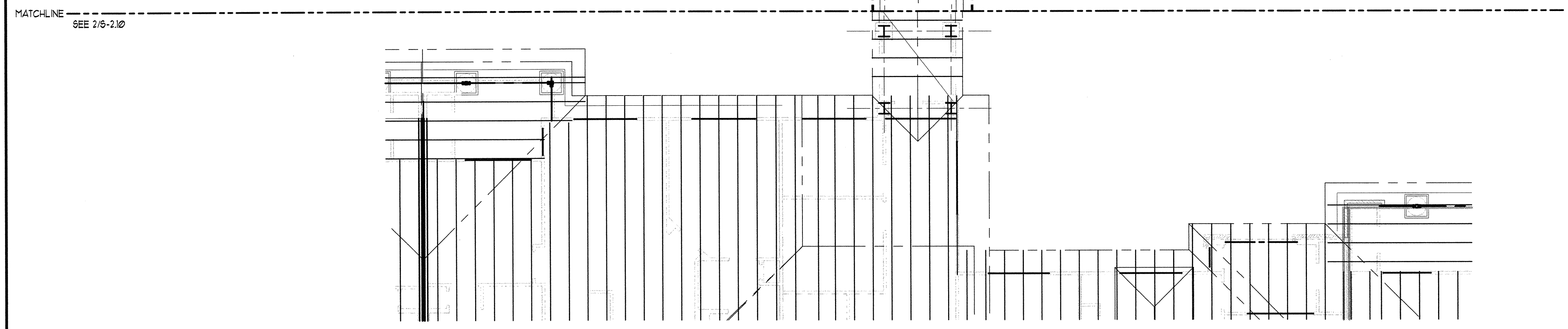
COMMENTS



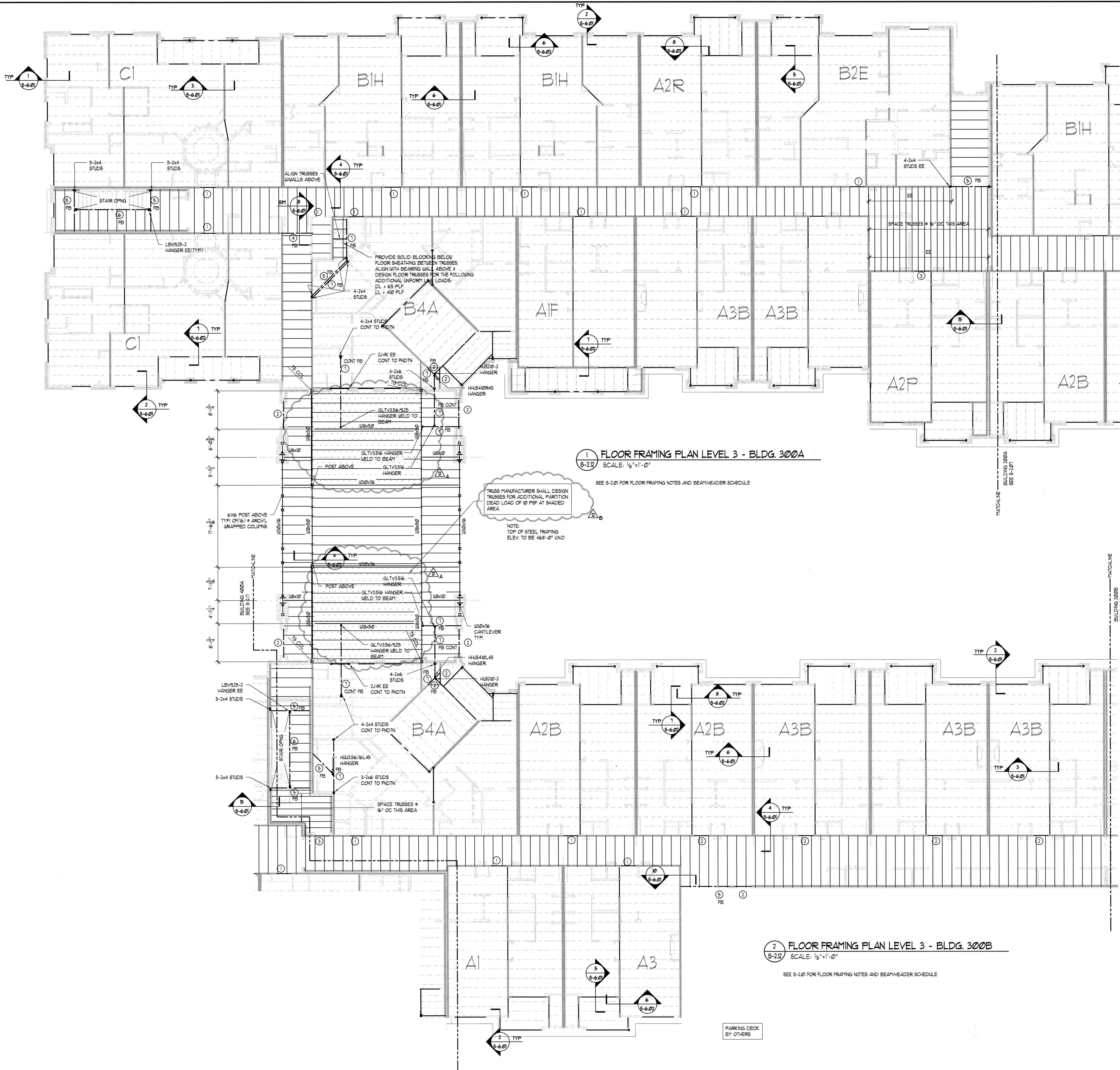
2 ROOF FRAMING PLAN LEVEL - BLDG. 200B
SCALE: 1/8"=1'-0"
SEE 9-225 FOR ROOF FRAMING NOTES



1 ROOF FRAMING PLAN - BLDG. 200A
SCALE: 1/8"=1'-0"
SEE 9-225 FOR ROOF FRAMING NOTES



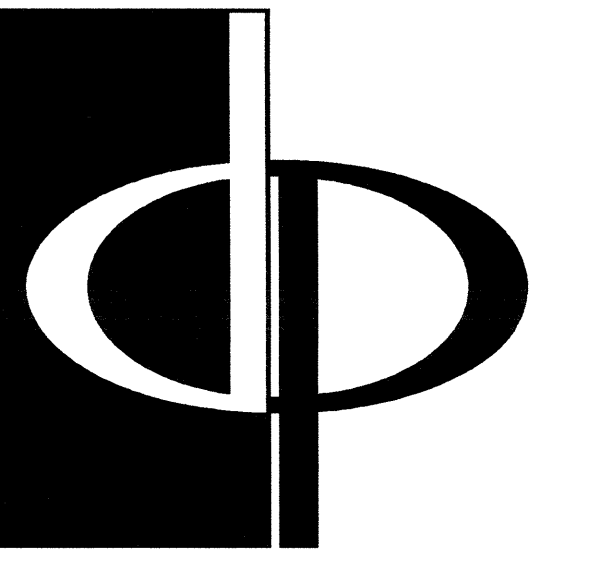
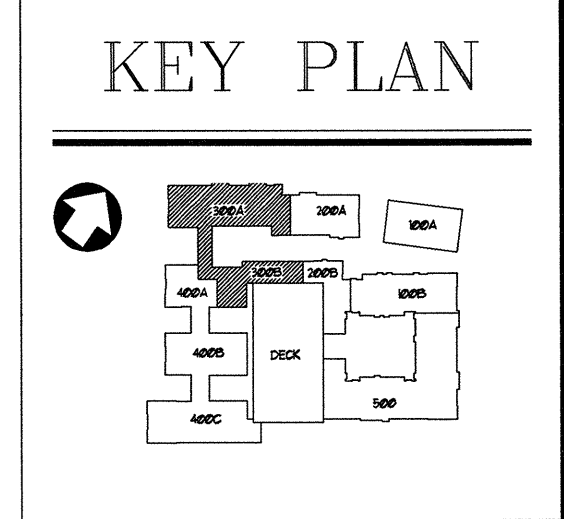
MATCHLINE SEE 7/6-210



1 FLOOR FRAMING PLAN LEVEL 3 - BLDG. 300A
SCALE: 1/8"=1'-0"

2 FLOOR FRAMING PLAN LEVEL 3 - BLDG. 300B
SCALE: 1/8"=1'-0"

REVISION #12 SUMMARY
A. ADDED HATCH
B. ADDED NOTE



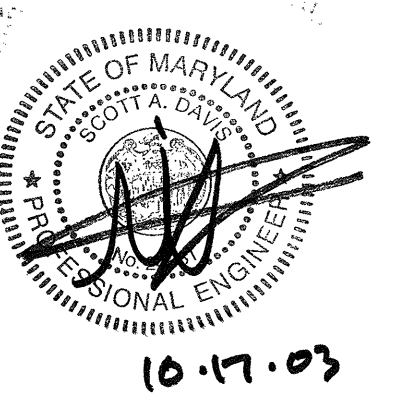
THE PRESTON PARTNERSHIP, LLC
A MULTI-DISCIPLINARY DESIGN FIRM

1000 ABERNATHY ROAD NE, SUITE 600
ATLANTA, GEORGIA 30328
TELEPHONE: 770 396 7248
FAX: 770 396 2945

WWW.THEPRESTONPARTNERSHIP.COM

CONSULTANT

SEAL



PROJECT

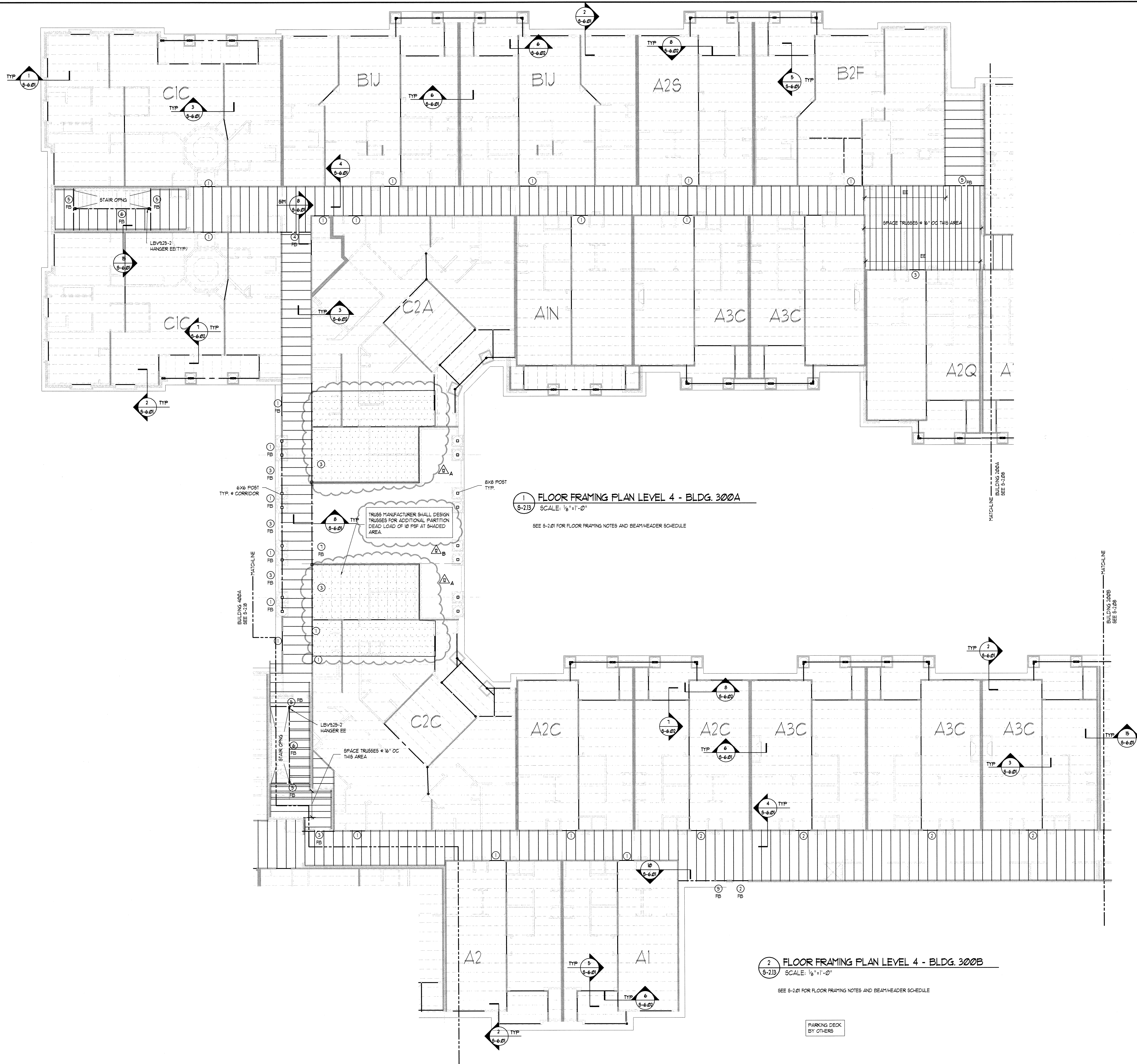
ARCHSTONE
KENTLANDS
949 QUINCE ORCHARD ROAD
GAITHERSBURG, MARYLAND

FOR

ARCHSTONE
COMMUNITIES
6631 OLD DOMINION DRIVE
MCLEAN, VIRGINIA 22101
703-883-3353

REVISIONS	DATE
RELEASED FOR CONSTRUCTION	07/18/03
TOM POPOFF REVIEW COMMENTS	07/18/03
CLUB HOUSE COORD	10/06/03

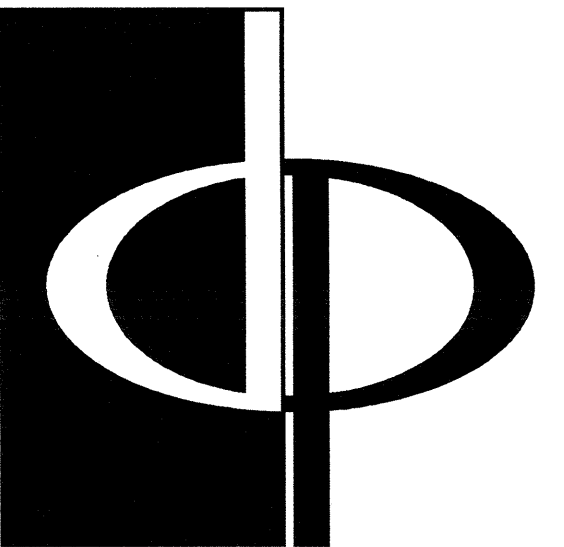
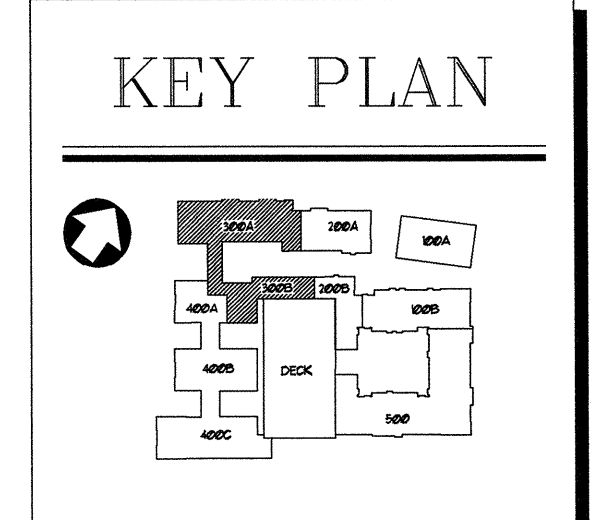
DATE: 01/21/03
JOB NUMBER: 021102
DRAWN BY: JREJR
CHECKED BY: JREJR
DRAWING TITLE: FLOOR FRAMING PLAN LEVEL 3 - BUILDING 300
DRAWING NUMBER: S-2.12
COMMENTS:



1 FLOOR FRAMING PLAN LEVEL 4 - BLDG. 300A
 S-213 SCALE: 1/8"=1'-0"
 SEE S-212 FOR FLOOR FRAMING NOTES AND BEAM/HEADER SCHEDULE

2 FLOOR FRAMING PLAN LEVEL 4 - BLDG. 300B
 S-213 SCALE: 1/8"=1'-0"
 SEE S-212 FOR FLOOR FRAMING NOTES AND BEAM/HEADER SCHEDULE

REVISION #12 SUMMARY
 A. ADDED HATCH
 B. ADDED NOTE



THE PRESTON PARTNERSHIP, LLC
 A MULTI-DISCIPLINARY DESIGN FIRM
 1000 ABERNATHY ROAD NE, SUITE 600
 ATLANTA, GEORGIA 30328
 TELEPHONE: 770 396 7248
 FAX: 770 396 2945
 WWW.THEPRESTONPARTNERSHIP.COM

CONSULTANT

SEAL



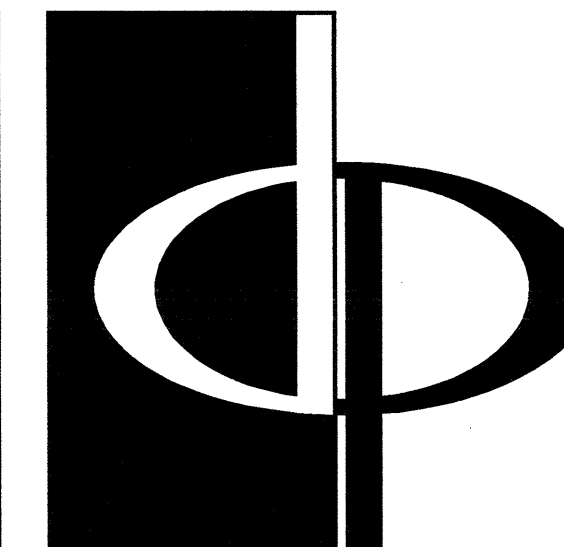
PROJECT
ARCHSTONE KENTLANDS
 849 QUINCE ORCHARD ROAD
 GAITHERSBURG, MARYLAND

FOR

ARCHSTONE
 COMMUNITIES
 6631 OLD DOMINION DRIVE
 MCLEAN, VIRGINIA 22101
 703-883-3353

REVISIONS	DATE
RELEASED FOR CONSTRUCTION	01/31/03
TOM POPOFF REVIEW COMMENTS	01/16/03
CLUB HOUSE COORD	10/26/02

DATE _____
 JOB NUMBER 021120
 DRAWN BY JRE/JR
 CHECKED BY KM
 DRAWING TITLE
**FLOOR FRAMING PLAN
 LEVEL 4 - BUILDING 300**
 DRAWING NUMBER
S-213
 COMMENTS _____



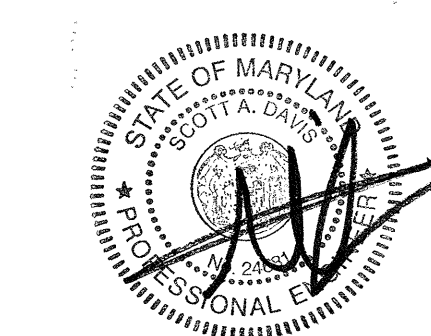
THE PRESTON PARTNERSHIP, LLC
A MULTI-DISCIPLINARY DESIGN FIRM

1000 ABERNATHY ROAD NE, SUITE 600
ATLANTA, GEORGIA 30328
TELEPHONE: 770 396 7248
FAX: 770 396 2945

WWW.THEPRESTONPARTNERSHIP.COM

CONSULTANT

SEAL



10-17-03

PROJECT

ARCHSTONE
KENTLANDS

949 QUINCE ORCHARD ROAD
GAITHERSBURG, MARYLAND

FOR

ARCHSTONE
COMMUNITIES
6631 OLD DOMINION DRIVE
MCLEAN, VIRGINIA 22101
703-883-3353

REVISIONS

RELEASED FOR CONSTRUCTION 07/18/03

DATE 01/31/03

JOB NUMBER 0211708

DRAWN BY JRE/JR

CHECKED BY KM

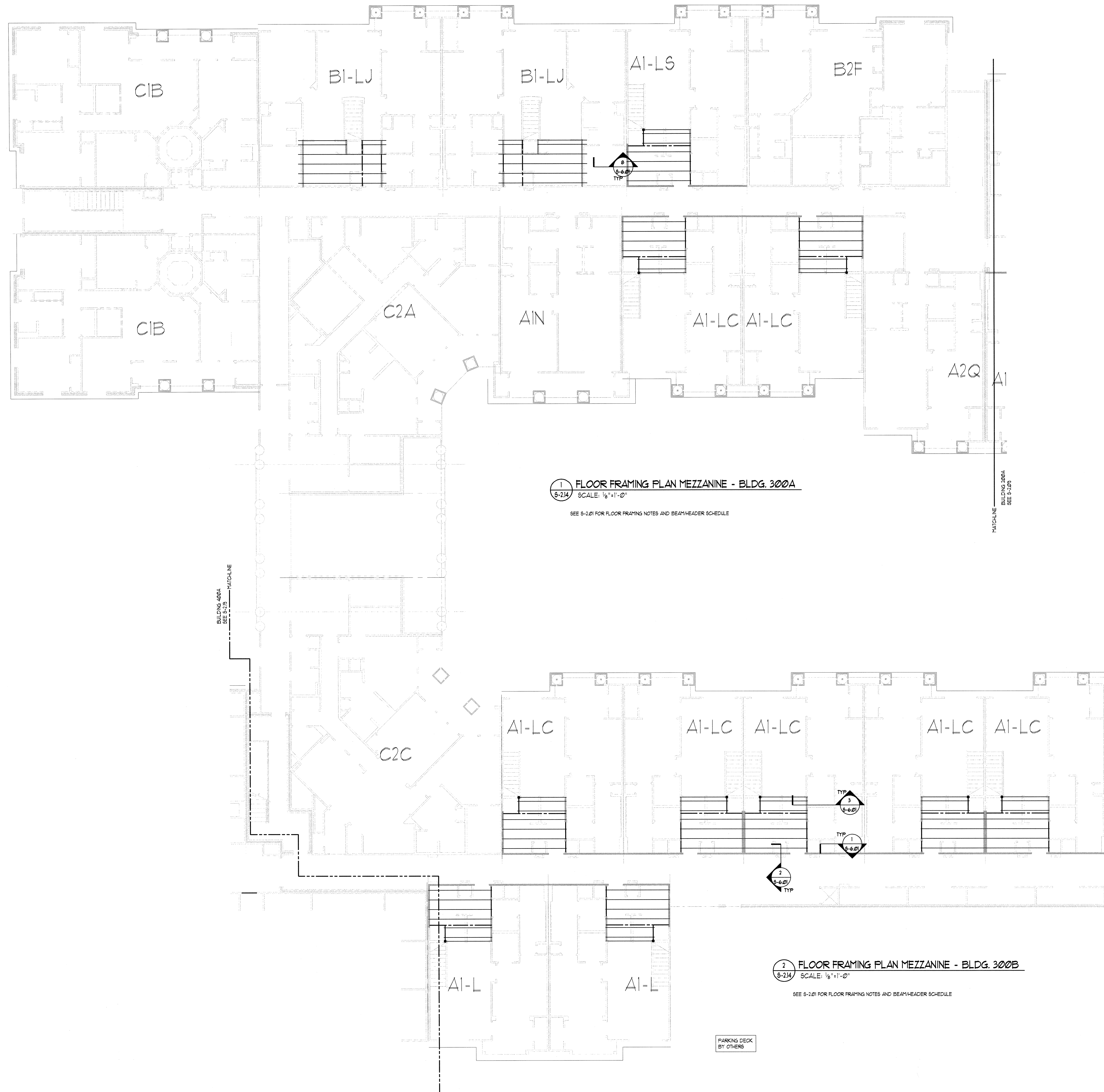
DRAWING TITLE

FLOOR FRAMING PLAN
MEZZANINE - BUILDING 300

DRAWING NUMBER

S-2.14

COMMENTS

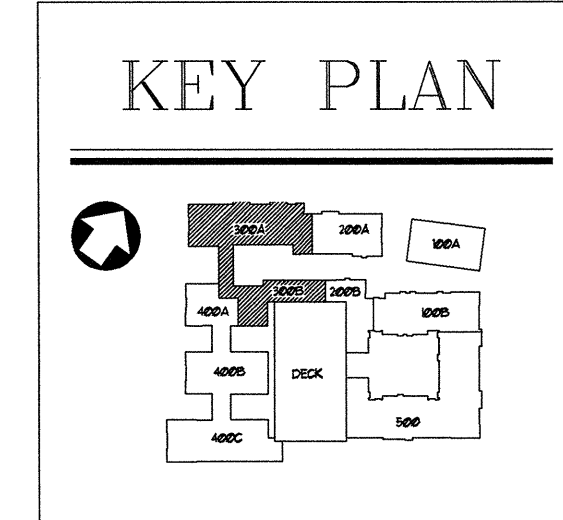


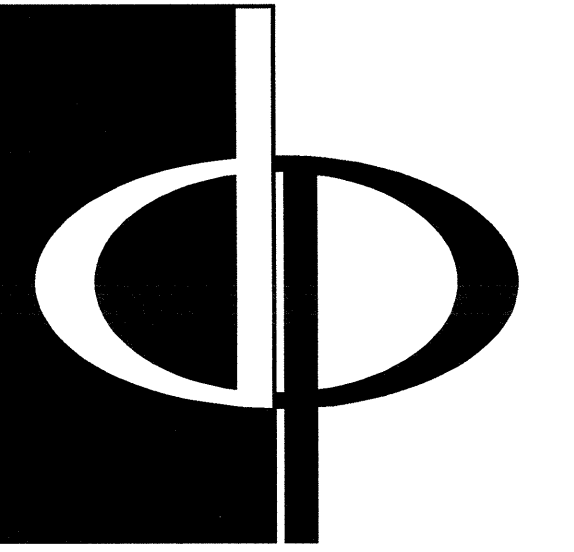
1 FLOOR FRAMING PLAN MEZZANINE - BLDG. 300A
SCALE: 1/8"=1'-0"

SEE S-2.01 FOR FLOOR FRAMING NOTES AND BEAM/HEADER SCHEDULE

2 FLOOR FRAMING PLAN MEZZANINE - BLDG. 300B
SCALE: 1/8"=1'-0"

SEE S-2.01 FOR FLOOR FRAMING NOTES AND BEAM/HEADER SCHEDULE





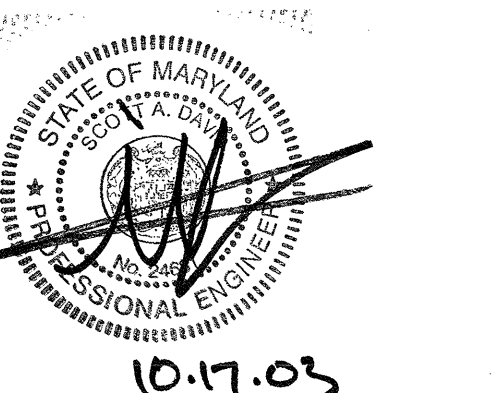
THE PRESTON PARTNERSHIP, LLC
A MULTI-DISCIPLINARY DESIGN FIRM

1000 ABERNATHY ROAD NE, SUITE 600
ATLANTA, GEORGIA 30328
TELEPHONE: 770 396 7248
FAX: 770 396 2945

WWW.THEPRESTONPARTNERSHIP.COM

CONSULTANT

SEAL



PROJECT

ARCHSTONE
KENTLANDS

949 QUINCE ORCHARD ROAD
GAITHERSBURG, MARYLAND

FOR

ARCHSTONE
COMMUNITIES
6631 OLD DOMINION DRIVE
MCLEAN, VIRGINIA 22101
703-883-3353

REVISIONS
RELEASED FOR CONSTRUCTION 07/18/05
TCH POPOFF REVIEW COMMENTS 07/18/05

DATE 01/31/05

JOB NUMBER 0211705

DRAWN BY JREJR

CHECKED BY K1

DRAWING TITLE

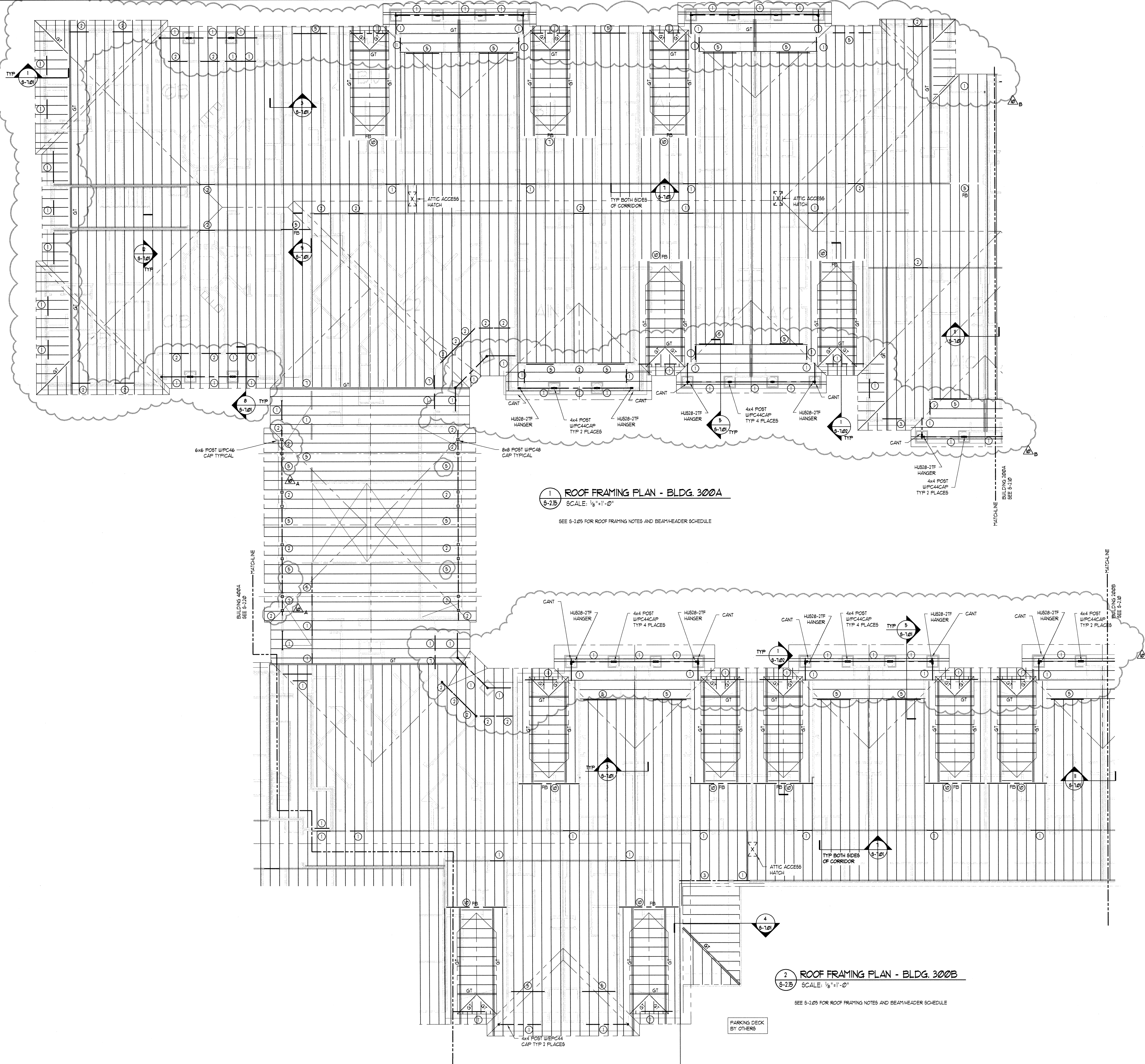
ROOF FRAMING PLAN

BUILDING 300

DRAWING NUMBER

S-2.15

COMMENTS



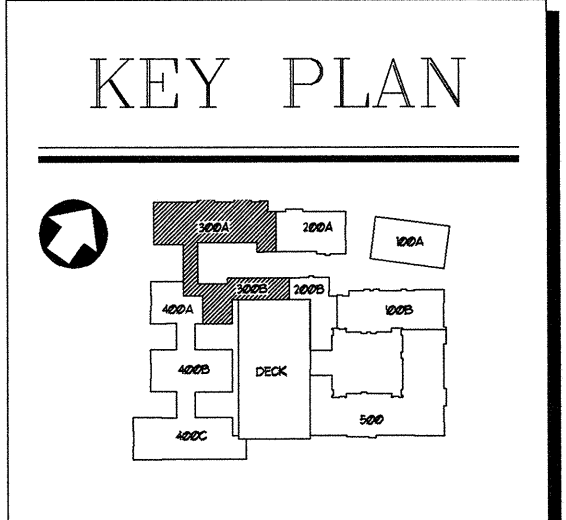
1 ROOF FRAMING PLAN - BLDG. 300A
SCALE: 1/8"=1'-0"

SEE S-2.05 FOR ROOF FRAMING NOTES AND BEAM/HEADER SCHEDULE

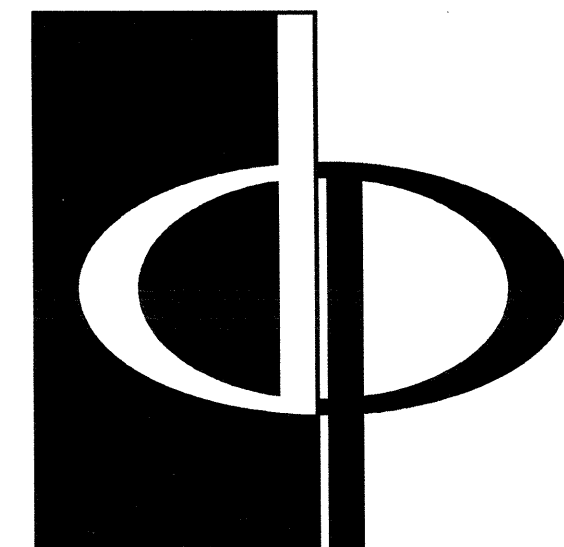
2 ROOF FRAMING PLAN - BLDG. 300B
SCALE: 1/8"=1'-0"

SEE S-2.05 FOR ROOF FRAMING NOTES AND BEAM/HEADER SCHEDULE

REVISION #10 SUMMARY
A REVISED BEAM TAG.
B REVISED EXTERIOR FRAMING.



PARKING DECK
BY OTHERS



THE PRESTON PARTNERSHIP, LLC
A MULTI-DISCIPLINARY DESIGN FIRM

1000 ABERNATHY ROAD NE, SUITE 600
ATLANTA, GEORGIA 30328
TELEPHONE: 770 396 7248
FAX: 770 396 2945

WWW.THEPRESTONPARTNERSHIP.COM

CONSULTANT

SEAL



10.17.03

PROJECT

ARCHSTONE
KENTLANDS

949 QUINCE ORCHARD ROAD
GAITHERSBURG, MARYLAND

FOR

ARCHSTONE
COMMUNITIES
6631 OLD DOMINION DRIVE
MCLEAN, VIRGINIA 22101
703-883-3353

REVISIONS

RELEASED FOR CONSTRUCTION	01/31/03
TOM POPOFF REVIEW COMMENTS	01/06/03
CLUB HOUSE COORD	10/06/03

DATE

JOB NUMBER 0211702

DRAWN BY JRE/JR

CHECKED BY K1

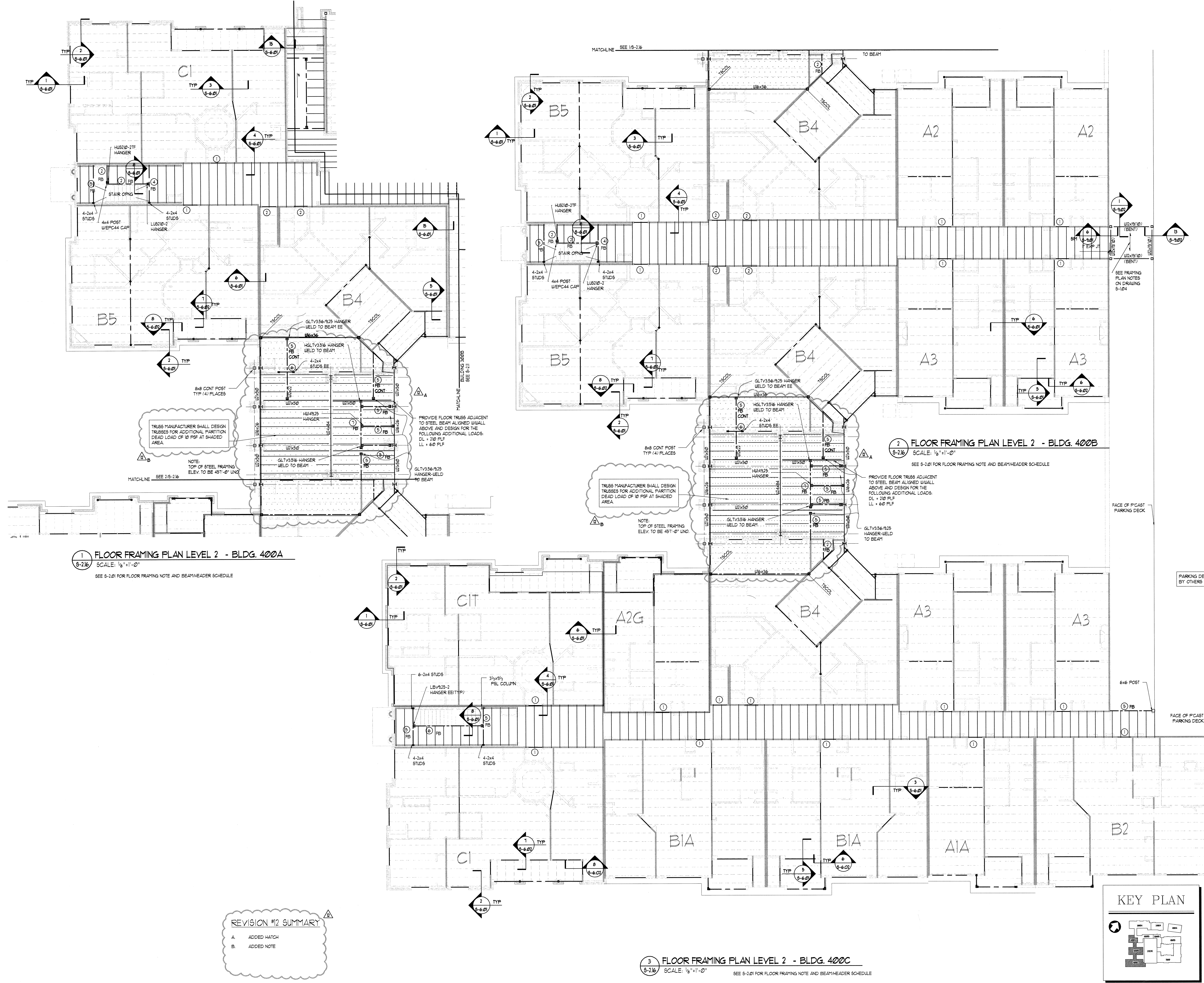
DRAWING TITLE

FLOOR FRAMING PLAN
LEVEL 2 - BUILDING 400

DRAWING NUMBER

S-2.16

COMMENTS



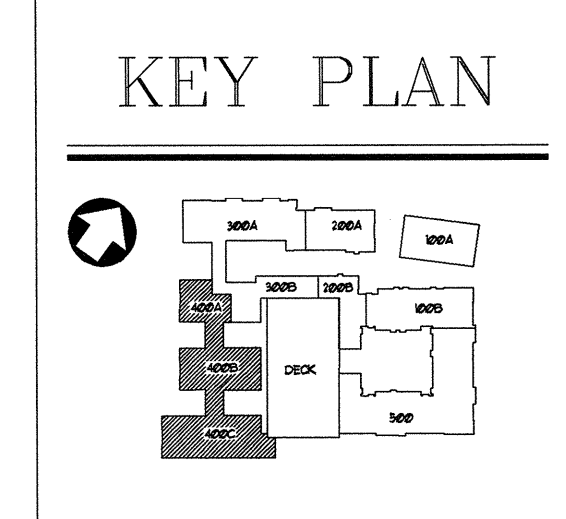
1 FLOOR FRAMING PLAN LEVEL 2 - BLDG. 400A
SCALE: 1/8"=1'-0"
SEE S-2.01 FOR FLOOR FRAMING NOTE AND BEAM/HEADER SCHEDULE

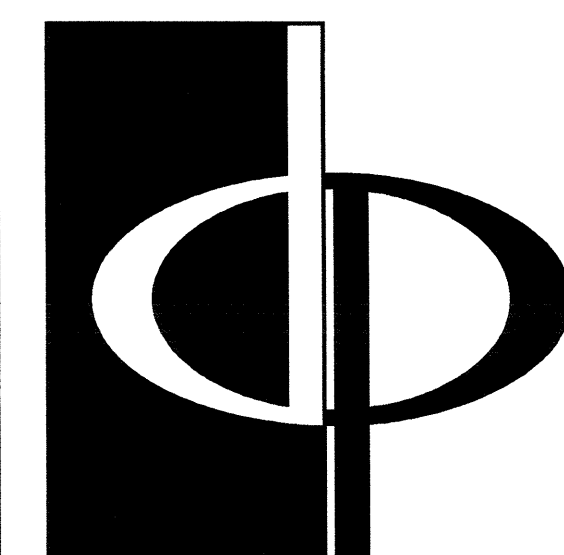
2 FLOOR FRAMING PLAN LEVEL 2 - BLDG. 400B
SCALE: 1/8"=1'-0"
SEE S-2.01 FOR FLOOR FRAMING NOTE AND BEAM/HEADER SCHEDULE

3 FLOOR FRAMING PLAN LEVEL 2 - BLDG. 400C
SCALE: 1/8"=1'-0"
SEE S-2.01 FOR FLOOR FRAMING NOTE AND BEAM/HEADER SCHEDULE

REVISION #12 SUMMARY

A.	ADDED HATCH
B.	ADDED NOTE





THE PRESTON PARTNERSHIP, LLC
A MULTI-DISCIPLINARY DESIGN FIRM

1000 ABERNATHY ROAD NE, SUITE 600
ATLANTA, GEORGIA 30328
TELEPHONE: 770 396 7248
FAX: 770 396 2945

WWW.THEPRESTONPARTNERSHIP.COM

CONSULTANT

SEAL



10.17.03

PROJECT

ARCHSTONE
KENTLANDS

949 QUINCE ORCHARD ROAD
GAITHERSBURG, MARYLAND

FOR

ARCHSTONE
COMMUNITIES
6631 OLD DOMINION DRIVE
MCLEAN, VIRGINIA 22101
703-883-3353

REVISIONS

RELEASED FOR CONSTRUCTION	01/31/03
TOM POPOFF REVIEW COMMENTS	01/28/03
CLUB HOUSE COORD	10/06/03

DATE

01/31/03

JOB NUMBER

0211702

DRAWN BY

JRE/JR

CHECKED BY

KM

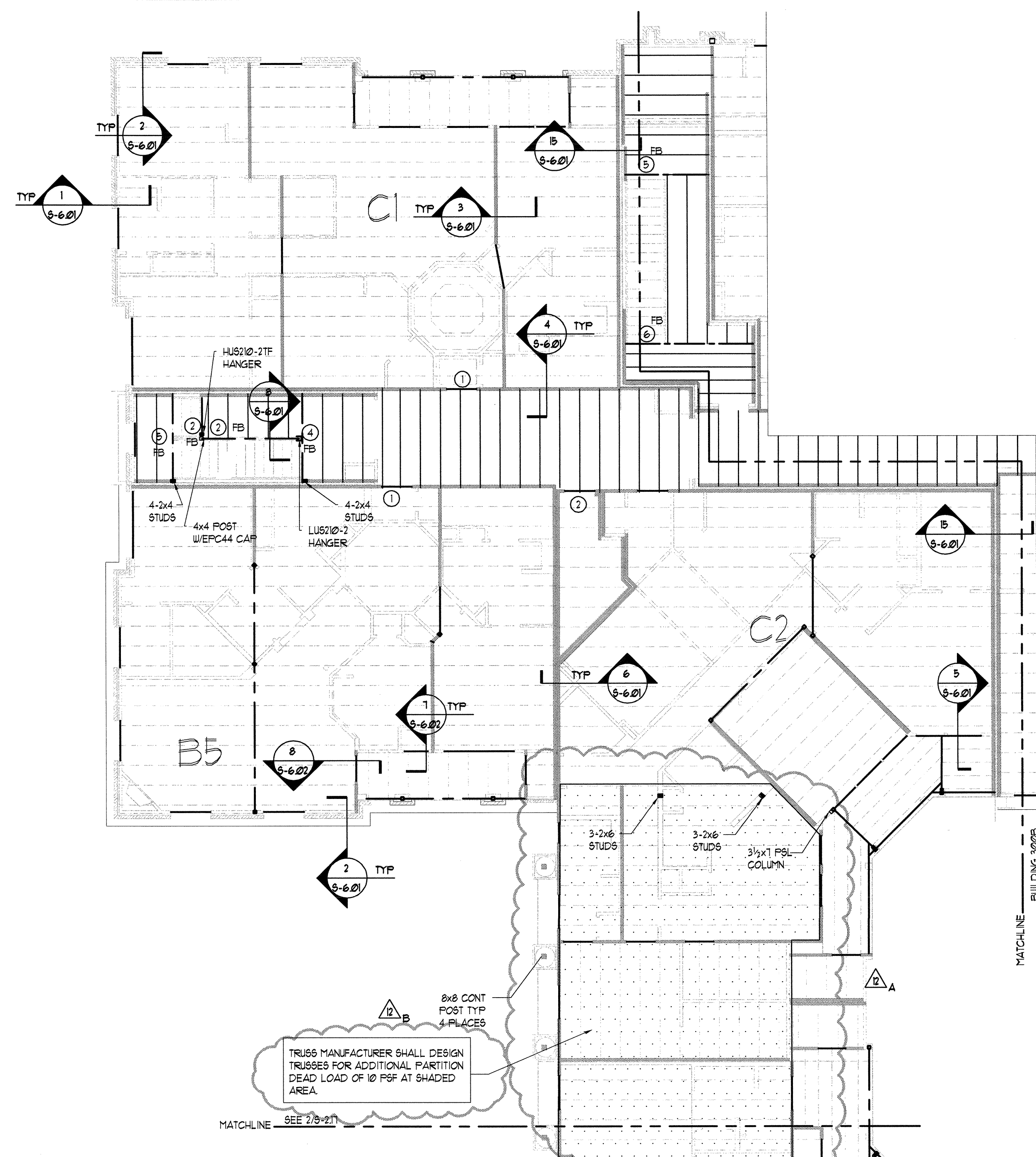
DRAWING TITLE

FLOOR FRAMING PLAN
LEVEL 3 - BUILDING 400

DRAWING NUMBER

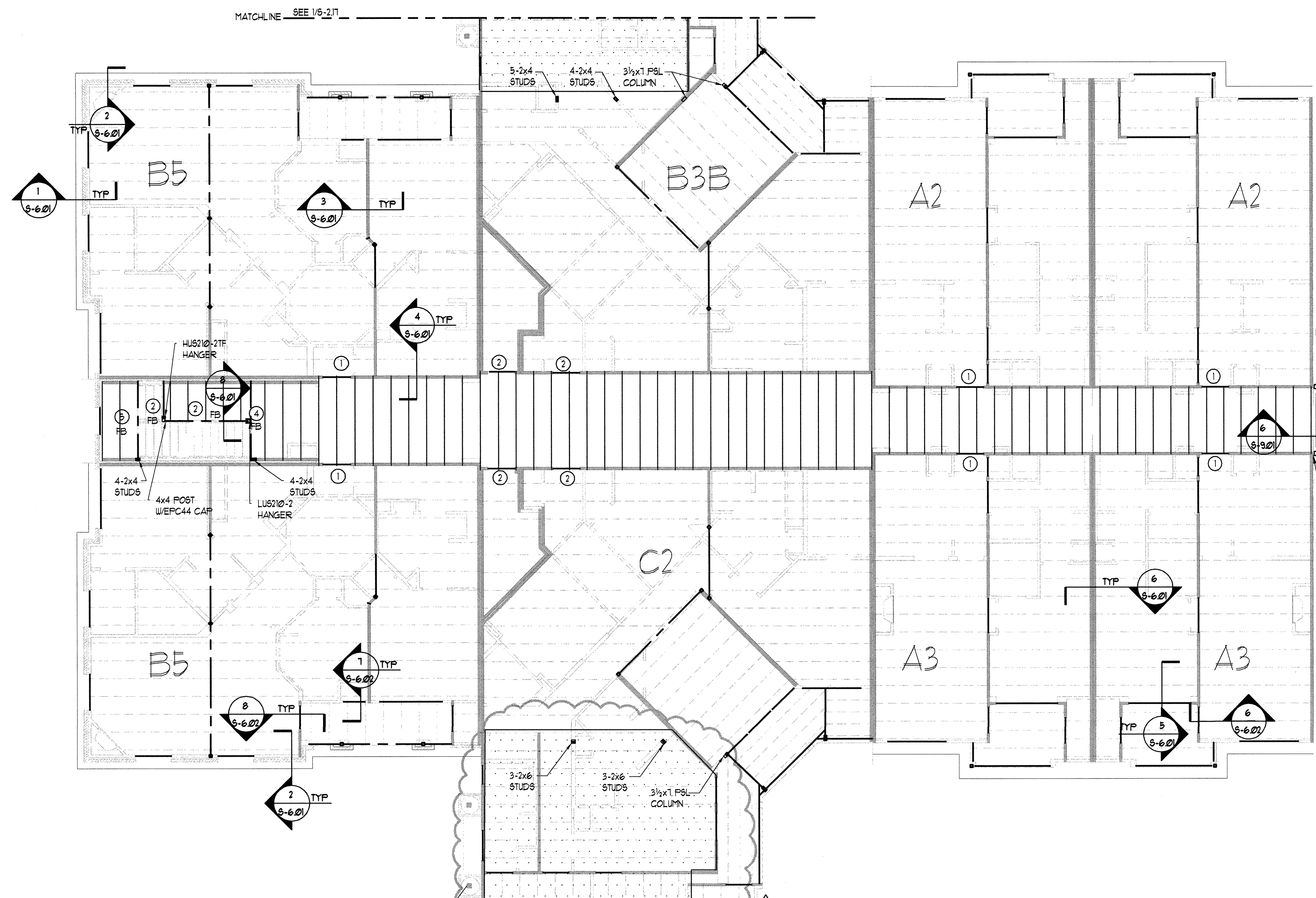
S-2.17

COMMENTS



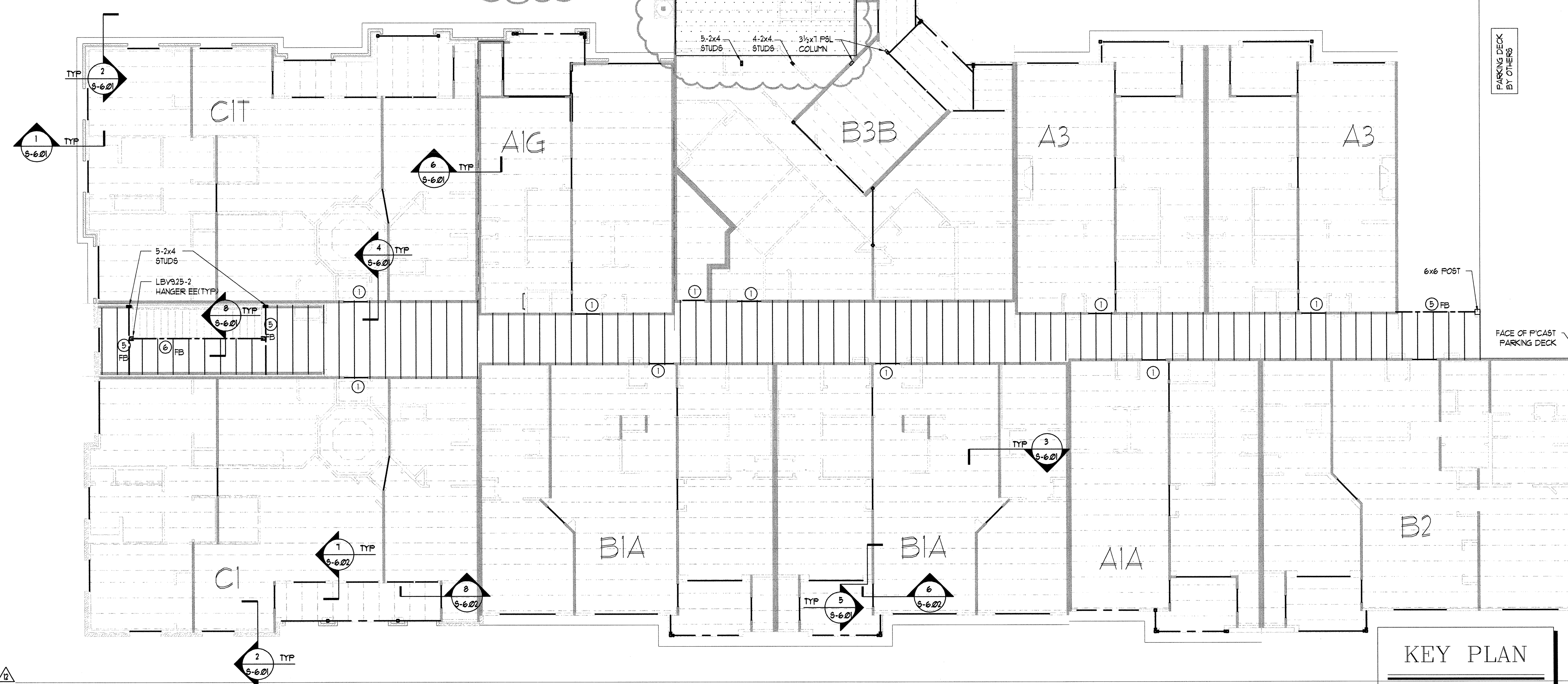
1 FLOOR FRAMING PLAN LEVEL 3 - BLDG. 400A
SCALE: 1/8" = 1'-0"

SEE S-2.01 FOR FLOOR FRAMING NOTES AND BEAM/HEADER SCHEDULE



2 FLOOR FRAMING PLAN LEVEL 3 - BLDG. 400B
SCALE: 1/8" = 1'-0"

FACE OF P-CAST PARKING DECK



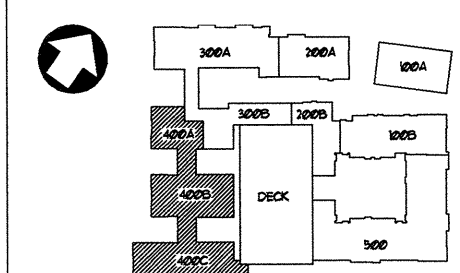
3 FLOOR FRAMING PLAN LEVEL 3 - BLDG. 400C
SCALE: 1/8" = 1'-0"

SEE S-2.01 FOR FLOOR FRAMING NOTES AND BEAM/HEADER SCHEDULE

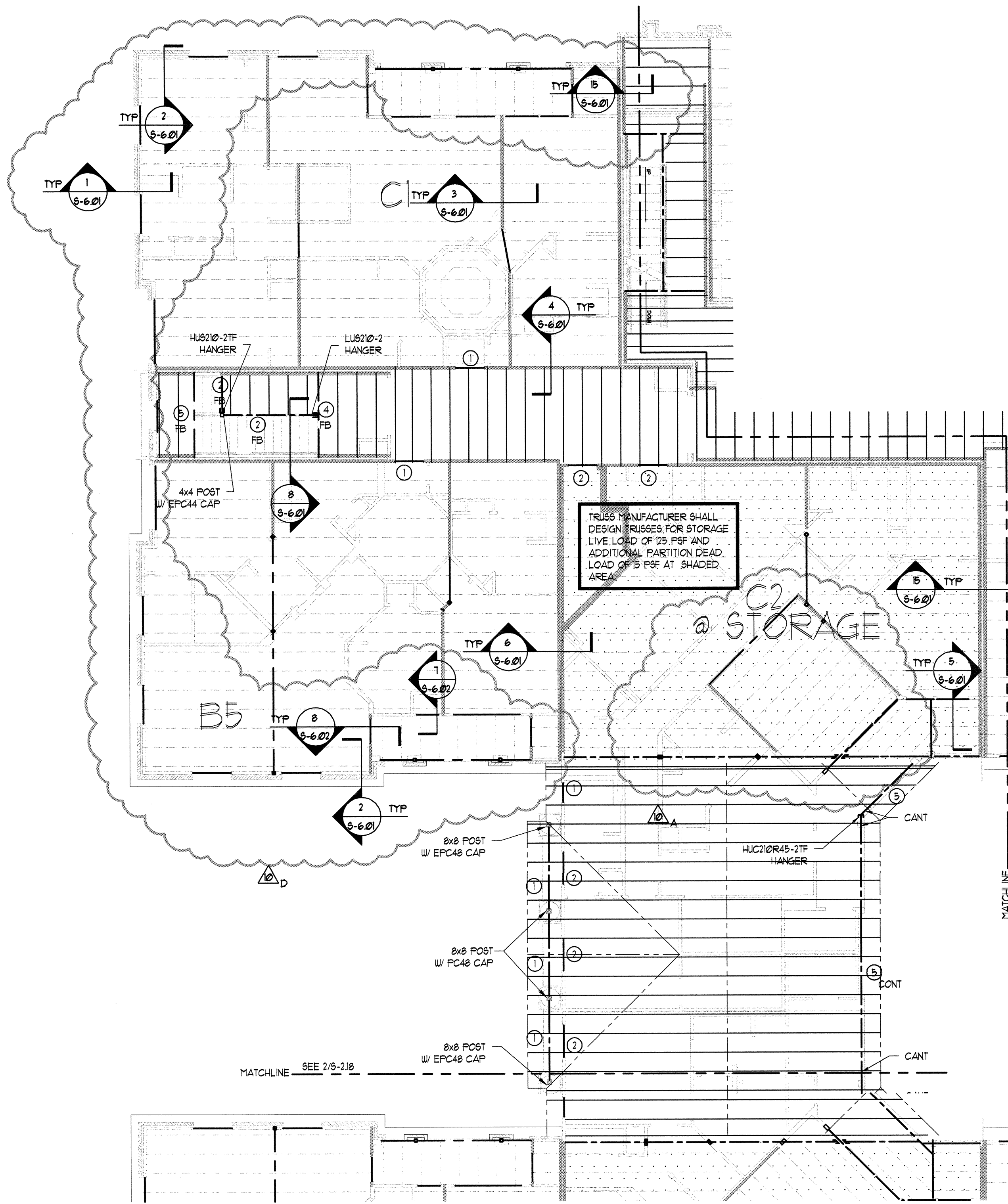
REVISION #12 SUMMARY

- A. ADDED HATCH
- B. ADDED NOTE

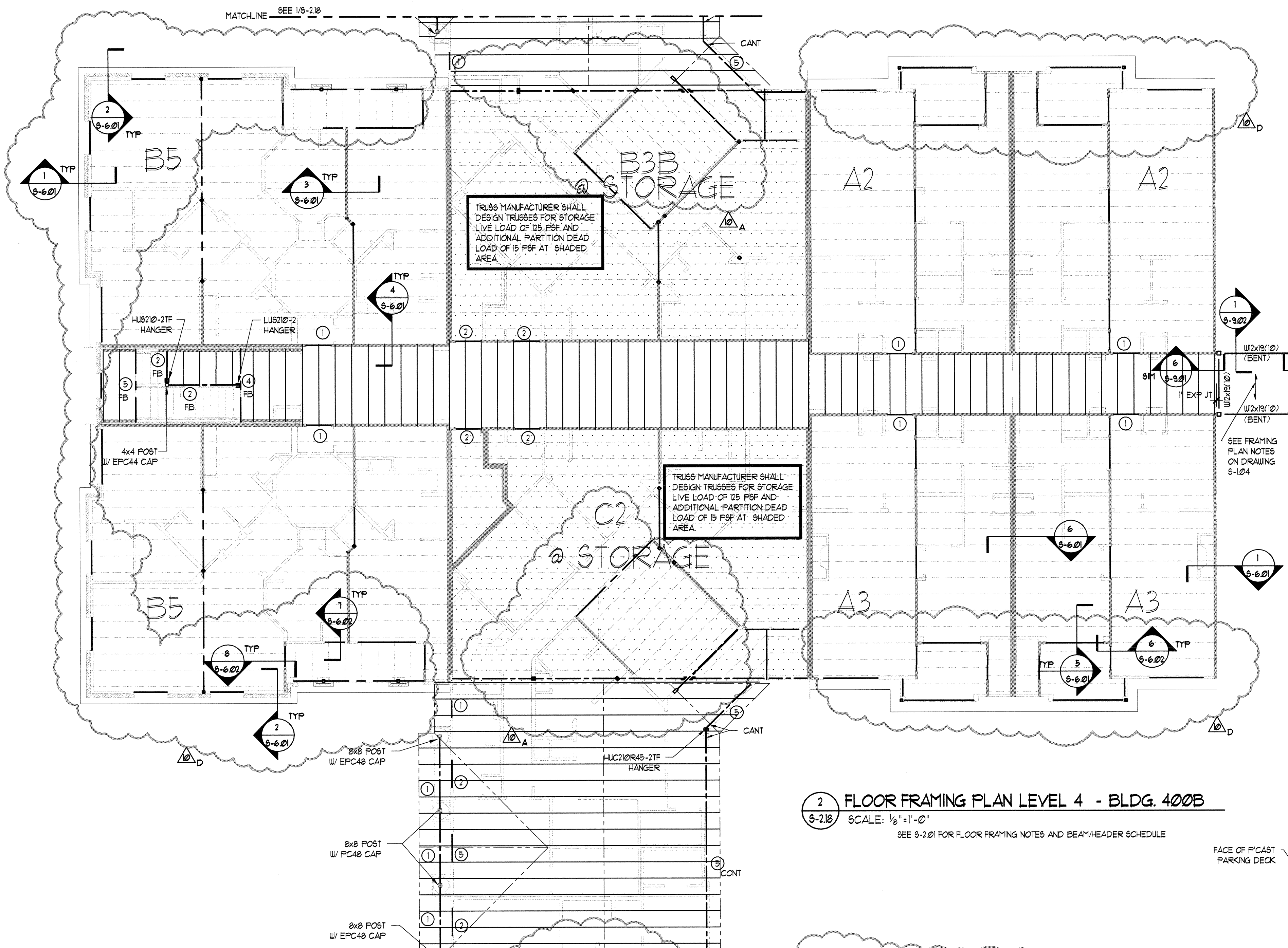
KEY PLAN



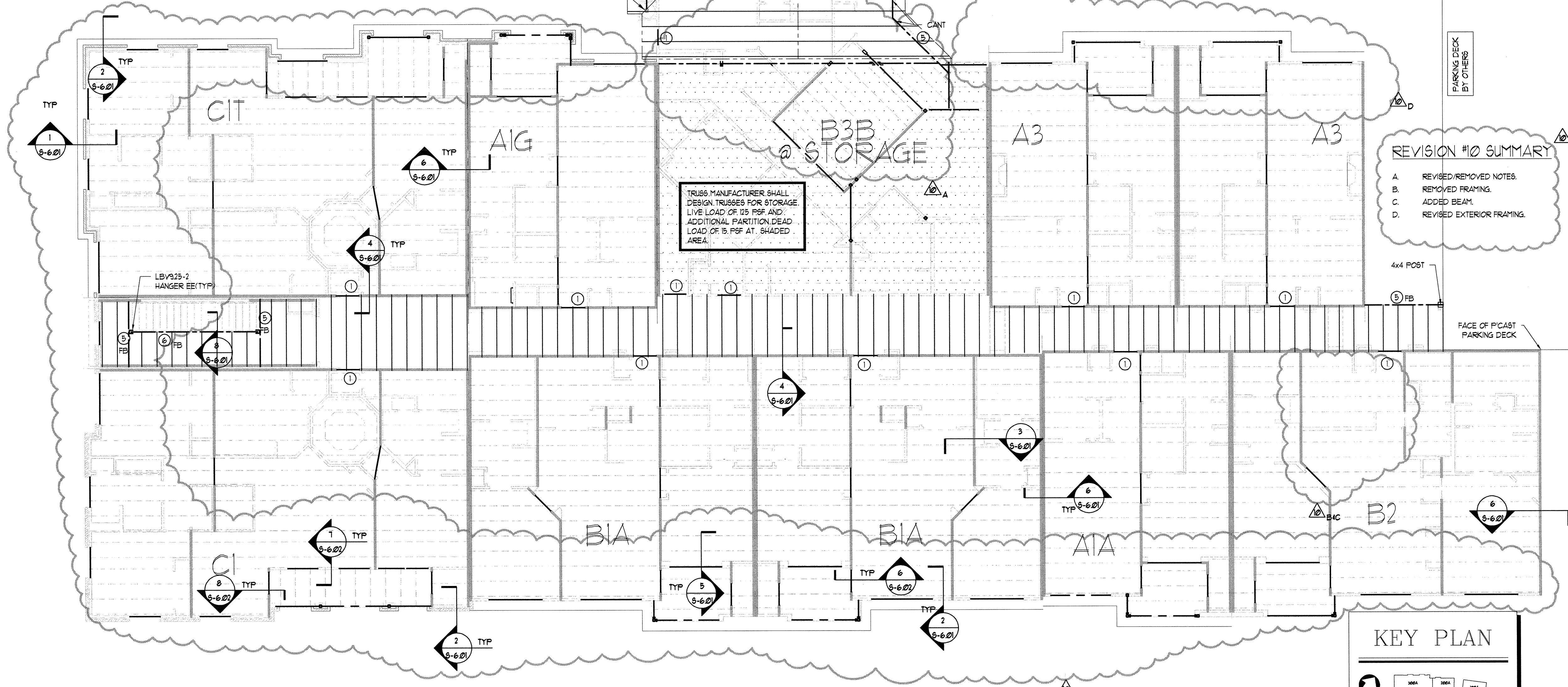
ARCHSTONE COMMUNITIES



1 FLOOR FRAMING PLAN LEVEL 4 - BLDG. 400A
 5-2.18 SCALE: 1/8"=1'-0"
 SEE 5-2.01 FOR FLOOR FRAMING NOTES AND BEAM/HEADER SCHEDULE



2 FLOOR FRAMING PLAN LEVEL 4 - BLDG. 400B
 5-2.18 SCALE: 1/8"=1'-0"
 SEE 5-2.01 FOR FLOOR FRAMING NOTES AND BEAM/HEADER SCHEDULE

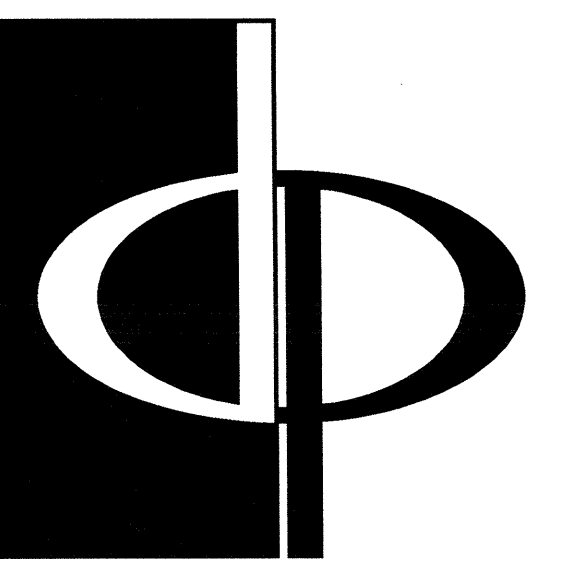


3 FLOOR FRAMING PLAN LEVEL 4 - BLDG. 400C
 5-2.18 SCALE: 1/8"=1'-0"
 SEE 5-2.01 FOR FLOOR FRAMING NOTES AND BEAM/HEADER SCHEDULE

REVISION #10 SUMMARY

- A. REVISED/REMOVED NOTES.
- B. REMOVED FRAMING.
- C. ADDED BEAM.
- D. REVISED EXTERIOR FRAMING.

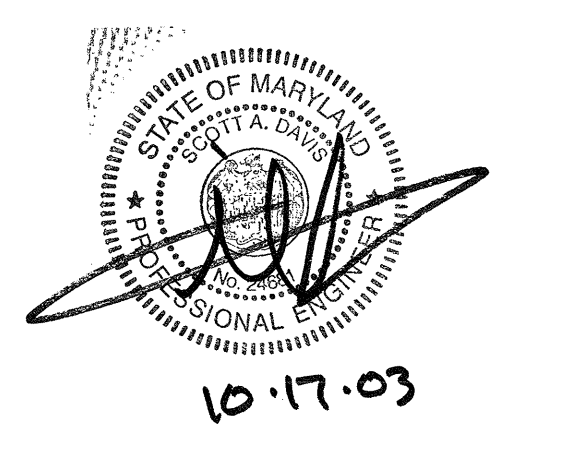
KEY PLAN



THE PRESTON PARTNERSHIP, LLC
 A MULTI-DISCIPLINARY DESIGN FIRM
 1000 ABERNATHY ROAD NE, SUITE 600
 ATLANTA, GEORGIA 30328
 TELEPHONE: 770 396 7248
 FAX: 770 396 2945
 WWW.THEPRESTONPARTNERSHIP.COM

CONSULTANT

SEAL



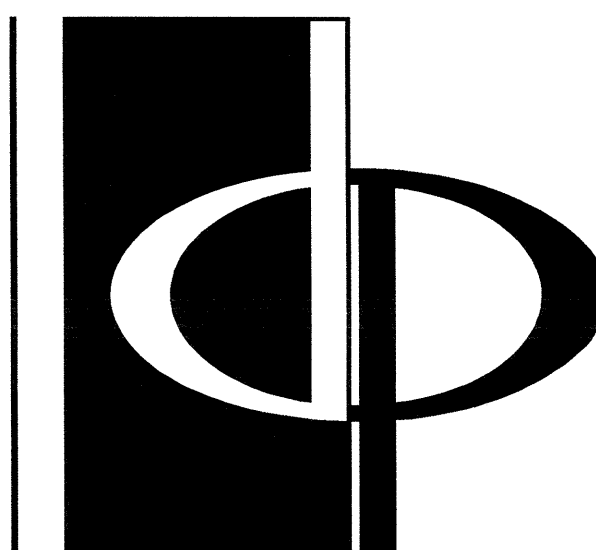
PROJECT
ARCHSTONE KENTLANDS
 949 QUINCE ORCHARD ROAD
 GAITHERSBURG, MARYLAND

FOR

ARCHSTONE COMMUNITIES
 6631 OLD DOMINION DRIVE
 MCLEAN, VIRGINIA 22101
 703-883-3353

REVISIONS
 RELEASED FOR CONSTRUCTION 07/18/03
 TOM POPOFF REVIEW COMMENTS 07/18/03

DATE 07/31/03
 JOB NUMBER 0211702
 DRAWN BY JRE/JR
 CHECKED BY K1
 DRAWING TITLE FLOOR FRAMING PLAN LEVEL 4 - BUILDING 400
 DRAWING NUMBER S-2.18
 COMMENTS



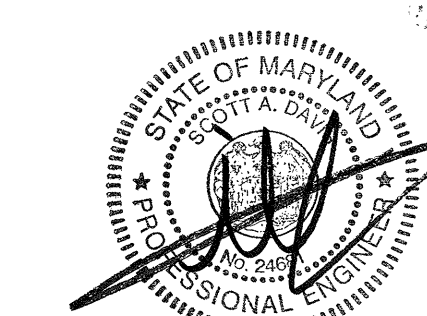
THE PRESTON PARTNERSHIP, LLC
A MULTI-DISCIPLINARY DESIGN FIRM

1000 ABERNATHY ROAD NE, SUITE 600
ATLANTA, GEORGIA 30328
TELEPHONE: 770 396 7248
FAX: 770 396 2945

WWW.THEPRESTONPARTNERSHIP.COM

CONSULTANT

SEAL



10.17.03

PROJECT

ARCHSTONE
KENTLANDS

949 QUINCE ORCHARD ROAD
GAITHERSBURG, MARYLAND

FOR

ARCHSTONE
COMMUNITIES
6631 OLD DOMINION DRIVE
MCLEAN, VIRGINIA 22101
703-883-3353

REVISIONS
RELEASED FOR CONSTRUCTION 01/31/03

DATE 01/31/03

JOB NUMBER 0211702

DRAWN BY JREJR

CHECKED BY KM

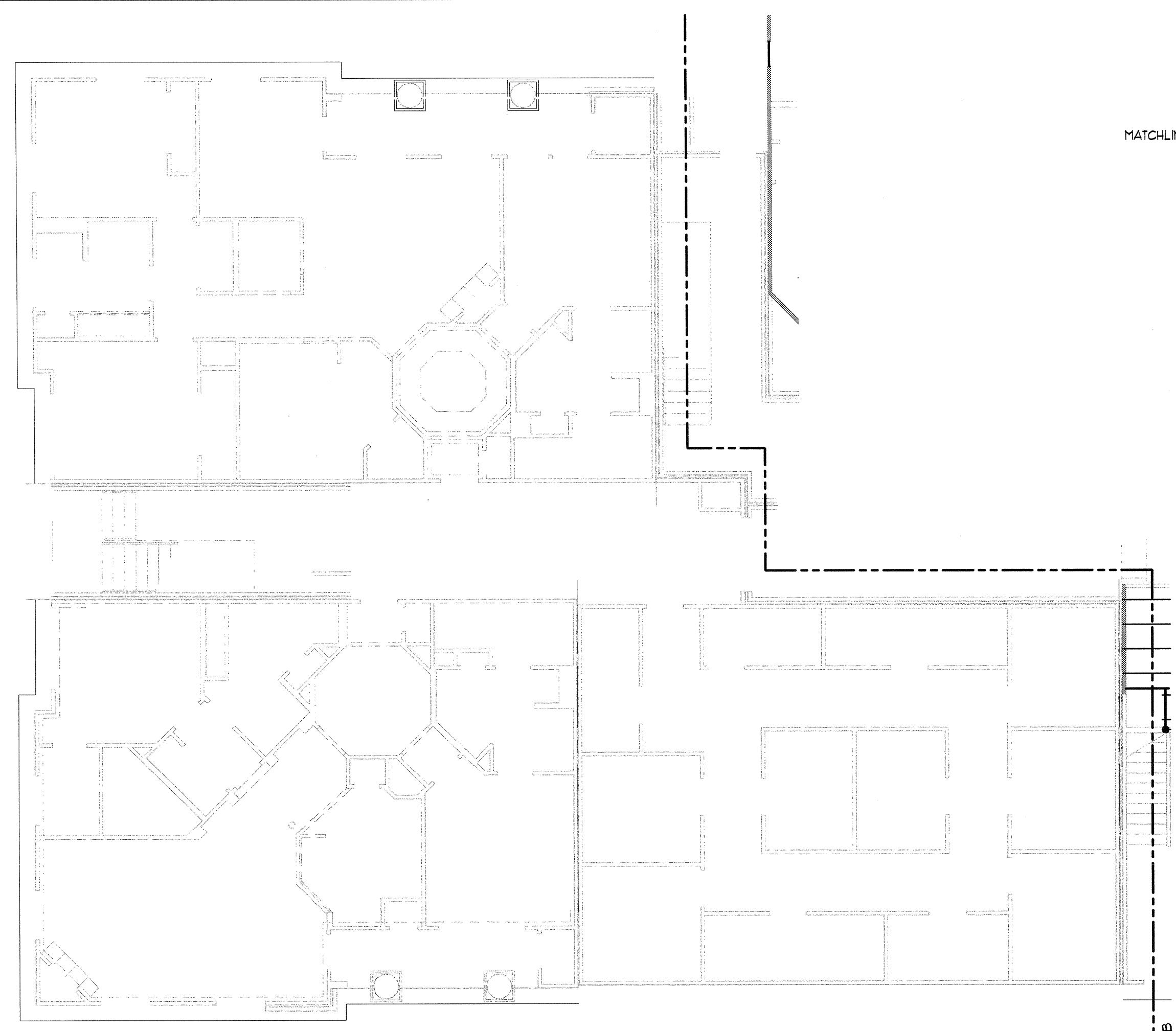
DRAWING TITLE

FLOOR FRAMING PLAN
MEZZANINE - BUILDING 400

DRAWING NUMBER

S-2.19

COMMENTS



1 MEZZANINE FLOOR FRAMING PLAN - BLDG. 400A
S-2.19 SCALE: 1/8"=1'-0"
SEE S-2.01 FOR FLOOR FRAMING NOTES AND BEAM/HEADER SCHEDULE

MATCHLINE SEE V 5-2.19

MATCHLINE BUILDING 300B SEE S-2.14



2 MEZZANINE FLOOR FRAMING PLAN - BLDG. 400B
S-2.19 SCALE: 1/8"=1'-0"
SEE S-2.01 FOR FLOOR FRAMING NOTES AND BEAM/HEADER SCHEDULE

SEE S-2.01 FOR FLOOR FRAMING NOTES AND BEAM/HEADER SCHEDULE

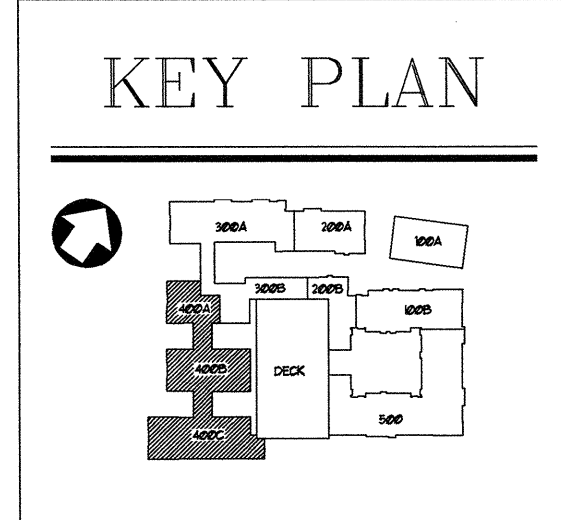
SEE 21 5-2.19 MATCHLINE

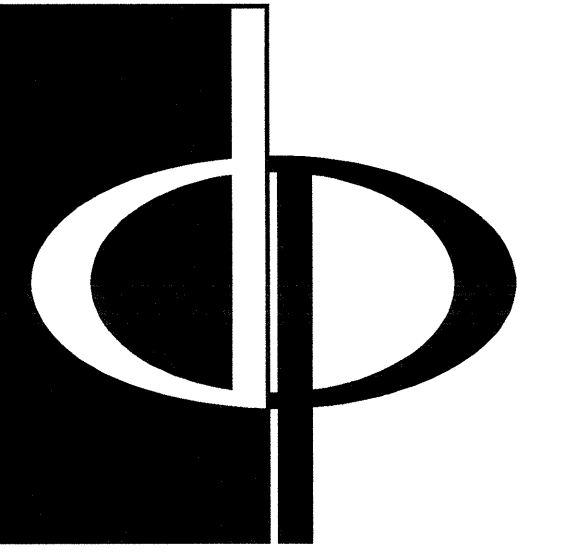


3 MEZZANINE FLOOR FRAMING PLAN - BLDG. 400C
S-2.19 SCALE: 1/8"=1'-0"
SEE S-2.01 FOR FLOOR FRAMING NOTES AND BEAM/HEADER SCHEDULE

SEE S-2.01 FOR FLOOR FRAMING NOTES AND BEAM/HEADER SCHEDULE

FRAMING CHECK BY OTHERS





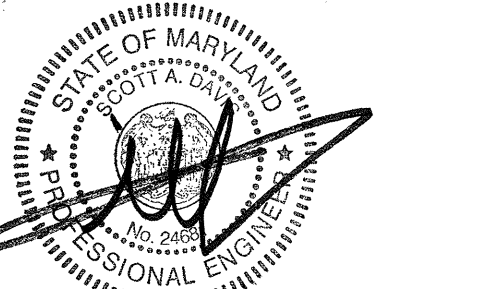
THE PRESTON PARTNERSHIP, LLC
A MULTI-DISCIPLINARY DESIGN FIRM

1000 ABERNATHY ROAD NE, SUITE 600
ATLANTA, GEORGIA 30328
TELEPHONE: 770 396 7248
FAX: 770 396 2945

WWW.THEPRESTONPARTNERSHIP.COM

CONSULTANT

SEAL



16.17.03

PROJECT

ARCHSTONE
KENTLANDS

949 QUINCE ORCHARD ROAD
GAITHERSBURG, MARYLAND

FOR

ARCHSTONE
COMMUNITIES
6631 OLD DOMINION DRIVE
MCLEAN, VIRGINIA 22101
703-883-3353

REVISIONS

RELEASED FOR CONSTRUCTION 01/21/03
TOM POPOFF REVIEW COMMENTS 01/16/03

DATE

JOB NUMBER 021120

DRAWN BY JREJR

CHECKED BY

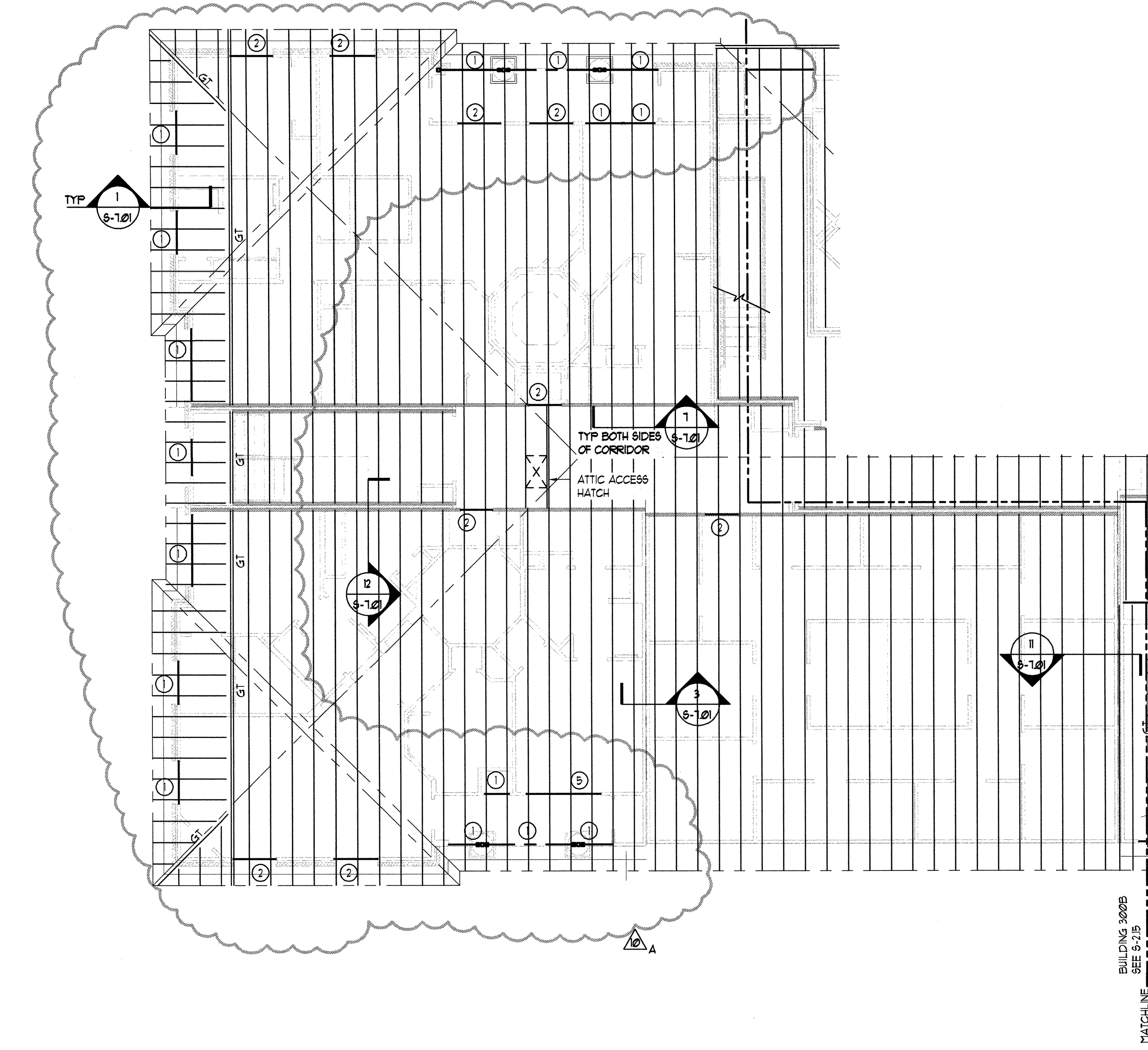
DRAWING TITLE K1

ROOF FRAMING PLAN
BUILDING 400

DRAWING NUMBER

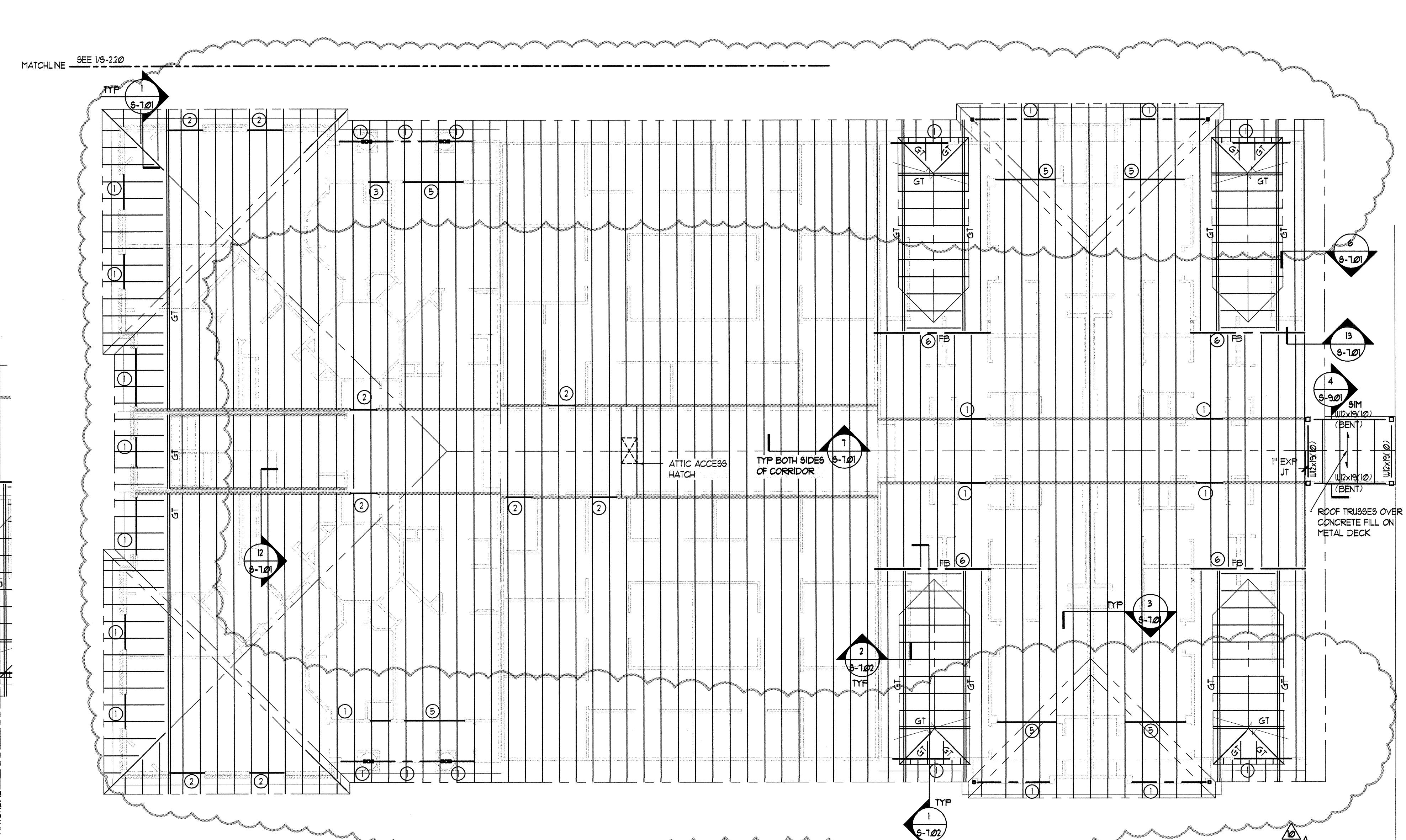
5-220

COMMENTS



1 ROOF FRAMING PLAN - BLDG. 400A
5-220 SCALE: 1/8"=1'-0"

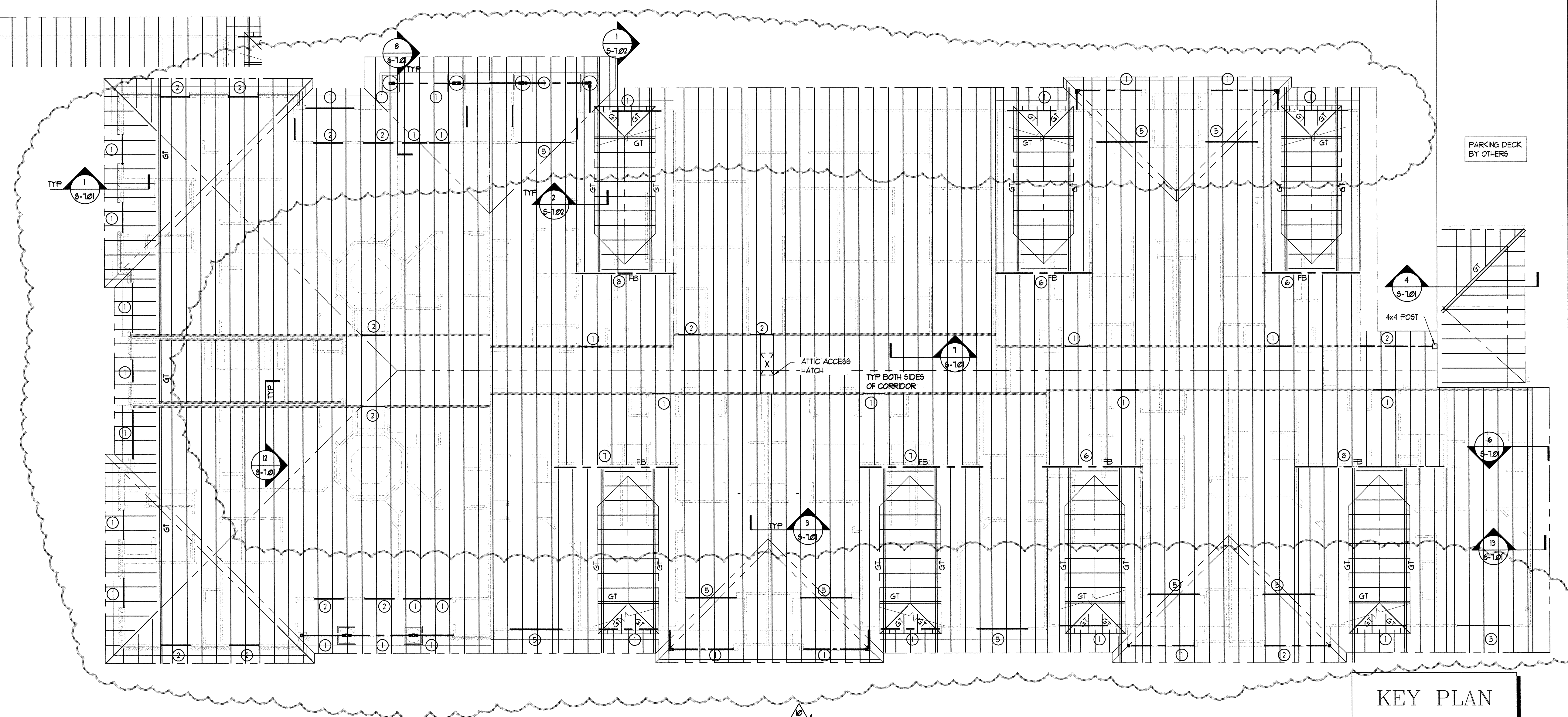
SEE 5-201 FOR FLOOR FRAMING NOTES



2 ROOF FRAMING PLAN - BLDG. 400B
5-220 SCALE: 1/8"=1'-0"

SEE 5-201 FOR FLOOR FRAMING NOTES

FACE OF P-CAST
PARKING DECK

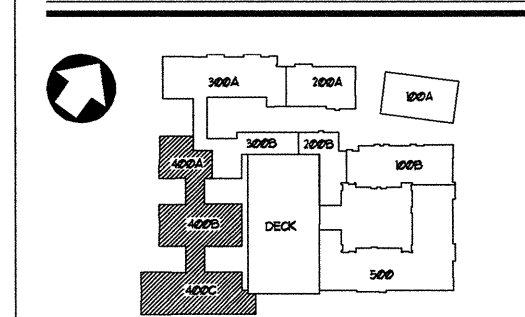


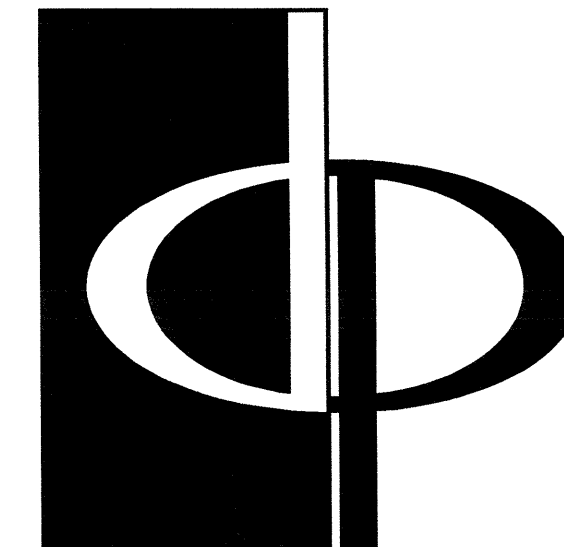
3 ROOF FRAMING PLAN - BLDG. 400C
5-220 SCALE: 1/8"=1'-0"

SEE 5-201 FOR FLOOR FRAMING NOTES

REVISION #10 SUMMARY
A REVISED EXTERIOR FRAMING

KEY PLAN





THE PRESTON PARTNERSHIP, LLC
A MULTI-DISCIPLINARY DESIGN FIRM

1000 ABERNATHY ROAD NE, SUITE 600
ATLANTA, GEORGIA 30328
TELEPHONE: 770 396 7248
FAX: 770 396 2945

WWW.THEPRESTONPARTNERSHIP.COM

CONSULTANT

SEAL



10.17.03

PROJECT

ARCHSTONE
KENTLANDS

949 QUINCE ORCHARD ROAD
GAITHERSBURG, MARYLAND

FOR

ARCHSTONE
COMMUNITIES
6631 OLD DOMINION DRIVE
MCLEAN, VIRGINIA 22101
703-883-3353

REVISIONS

RELEASED FOR CONSTRUCTION 01/31/03
TOP POPOFF REVIEW COMMENTS 01/16/03
CLUB HOUSE COORD 10/06/03

DATE

JOB NUMBER 0211102

DRAWN BY 0211102

CHECKED BY JREJR

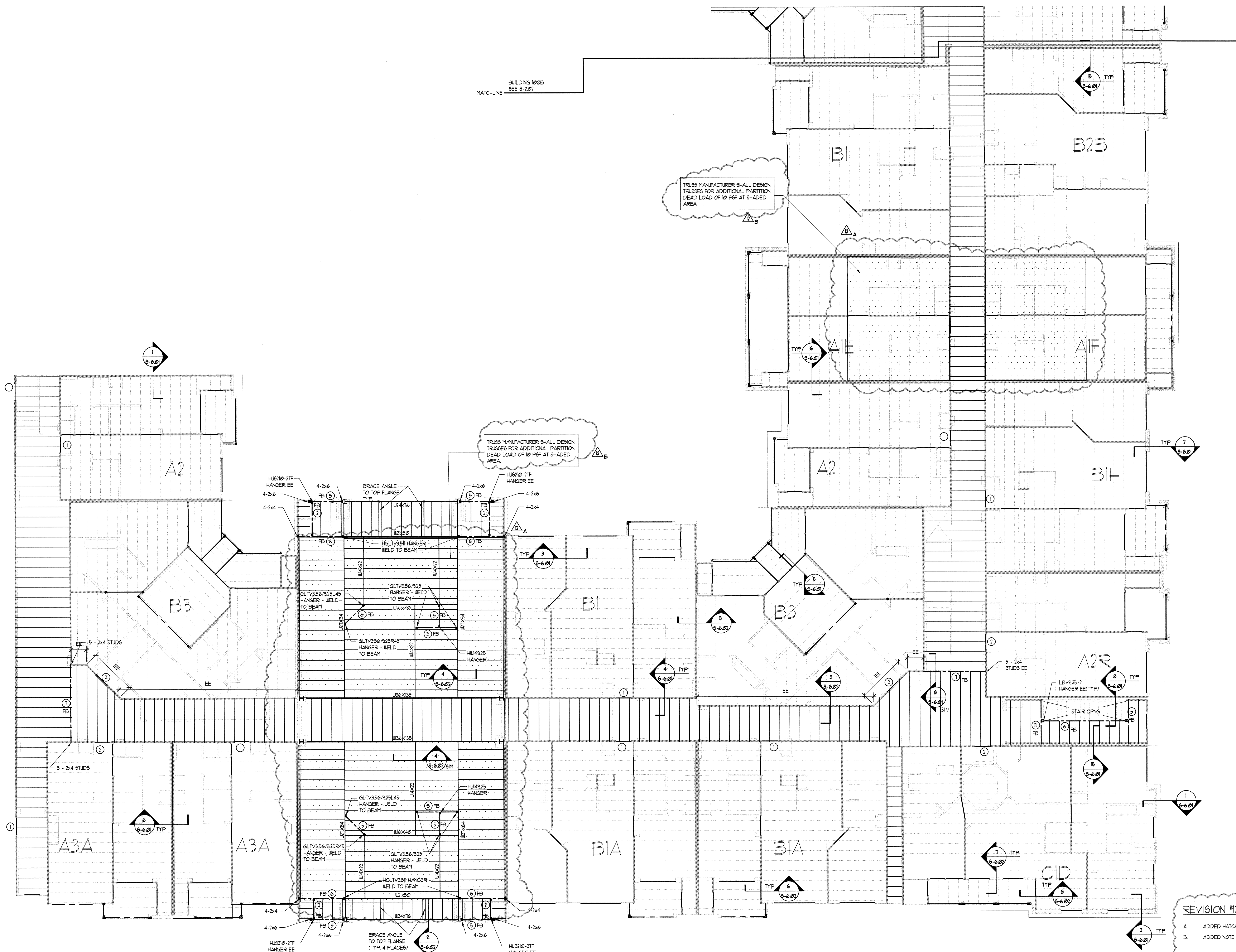
DRAWING TITLE K1

FLOOR FRAMING PLAN
LEVEL 3 - BUILDING 500

DRAWING NUMBER

S-2.22

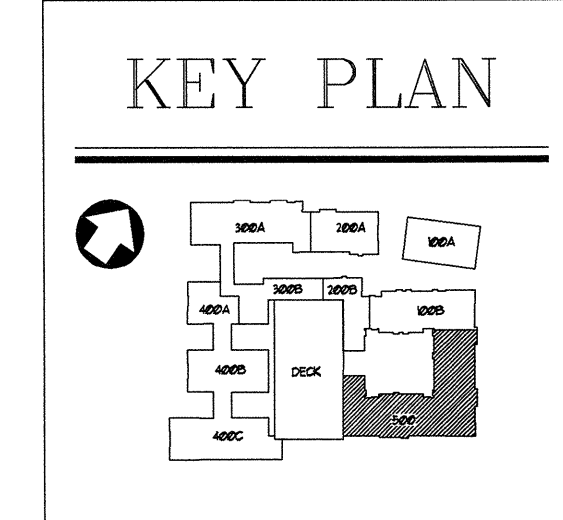
COMMENTS

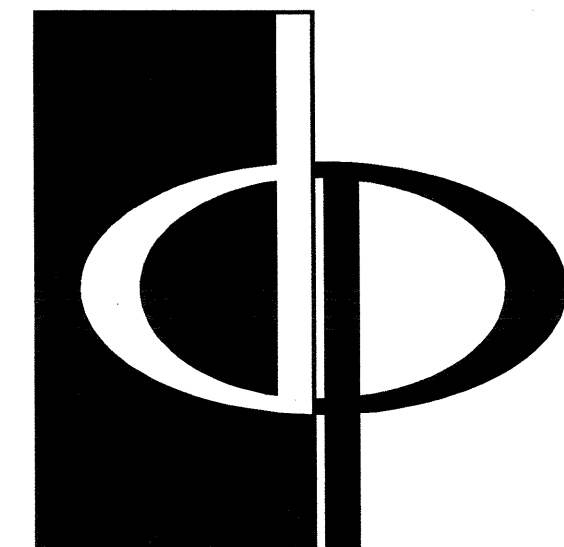


REVISION #2 SUMMARY
A. ADDED HATCH
B. ADDED NOTE

SEE 5-2.01 FOR FLOOR FRAMING NOTES AND BEAM/HEADER SCHEDULE
1 FLOOR FRAMING PLAN LEVEL 3 - BLDG. 500
5-2.22 SCALE: 1/8"=1'-0"

SEE 5-2.01 FOR FLOOR FRAMING NOTE AND BEAM/HEADER SCHEDULE





THE PRESTON PARTNERSHIP, LLC
A MULTI-DISCIPLINARY DESIGN FIRM

1000 ABERNATHY ROAD NE, SUITE 600
ATLANTA, GEORGIA 30328
TELEPHONE: 770 396 7248
FAX: 770 396 2945

WWW.THEPRESTONPARTNERSHIP.COM

CONSULTANT

SEAL



10.17.03

PROJECT

ARCHSTONE
KENTLANDS

949 QUINCE ORCHARD ROAD
GAITHERSBURG, MARYLAND

FOR

ARCHSTONE
COMMUNITIES
6631 OLD DOMINION DRIVE
MCLEAN, VIRGINIA 22101
703-883-3353

REVISIONS

RELEASED FOR CONSTRUCTION	01/31/03
TOM POPOFF REVIEW COMMENTS	01/08/03
CLUB HOUSE COORD	10/06/03

DATE

JOB NUMBER

DRAWN BY

CHECKED BY

DRAWING TITLE

FLOOR FRAMING PLAN
LEVEL 4 - BUILDING 500

DRAWING NUMBER

COMMENTS

DATE

JOB NUMBER

DRAWN BY

CHECKED BY

DRAWING TITLE

FLOOR FRAMING PLAN
LEVEL 4 - BUILDING 500

DRAWING NUMBER

COMMENTS

DATE

JOB NUMBER

DRAWN BY

CHECKED BY

DRAWING TITLE

FLOOR FRAMING PLAN
LEVEL 4 - BUILDING 500

DRAWING NUMBER

COMMENTS

DATE

JOB NUMBER

DRAWN BY

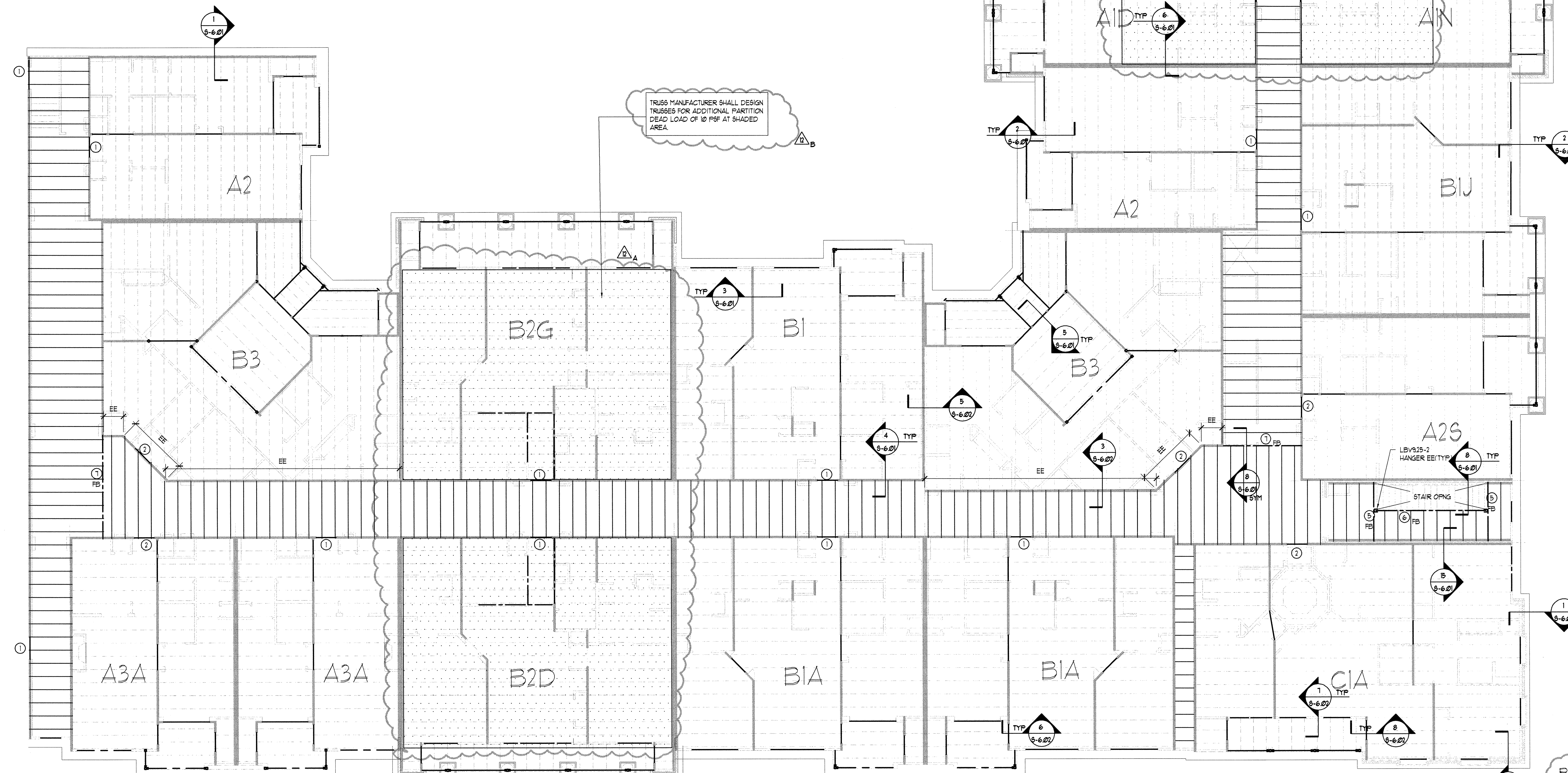
CHECKED BY

DRAWING TITLE

FLOOR FRAMING PLAN
LEVEL 4 - BUILDING 500

DRAWING NUMBER

COMMENTS



BUILDING 500B
SEE S-223

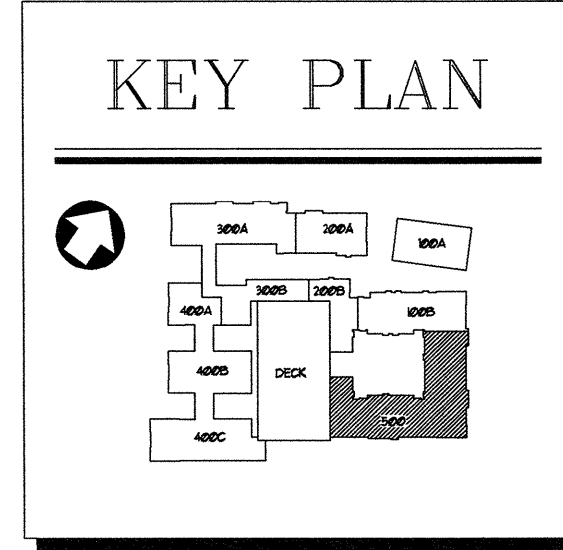
TRUSS MANUFACTURER SHALL DESIGN TRUSSES FOR ADDITIONAL PARTITION DEAD LOAD OF 10 PSF AT SHADED AREA

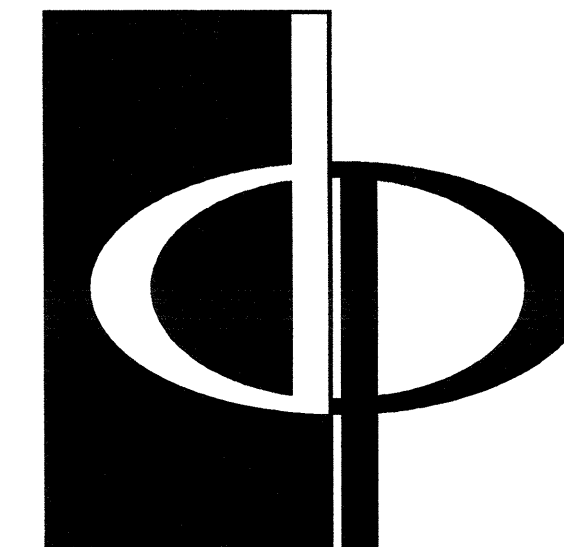
TRUSS MANUFACTURER SHALL DESIGN TRUSSES FOR ADDITIONAL PARTITION DEAD LOAD OF 10 PSF AT SHADED AREA

REVISION #12 SUMMARY
A. ADDED HATCH
B. ADDED NOTE

1 FLOOR FRAMING PLAN LEVEL 4 - BLDG. 500
SCALE: 1/8"=1'-0"

SEE S-221 FOR FLOOR FRAMING NOTE AND BEAM/HEADER SCHEDULE





THE PRESTON PARTNERSHIP, LLC
A MULTI-DISCIPLINARY DESIGN FIRM

1000 ABERNATHY ROAD NE, SUITE 600
ATLANTA, GEORGIA 30328
TELEPHONE: 770 396 7248
FAX: 770 396 2945

WWW.THEPRESTONPARTNERSHIP.COM

CONSULTANT

SEAL



10.17.03

PROJECT

ARCHSTONE
KENTLANDS

949 GUINCE ORCHARD ROAD
GAITHERSBURG, MARYLAND

FOR

ARCHSTONE
COMMUNITIES
6631 OLD DOMINION DRIVE
MCLEAN, VIRGINIA 22101
703-883-3353

REVISIONS

RELEASED FOR CONSTRUCTION 01/18/03

DATE 01/31/03

JOB NUMBER 0211708

DRAWN BY JREJR

CHECKED BY JREJR

DRAWING TITLE KM

FLOOR FRAMING PLAN

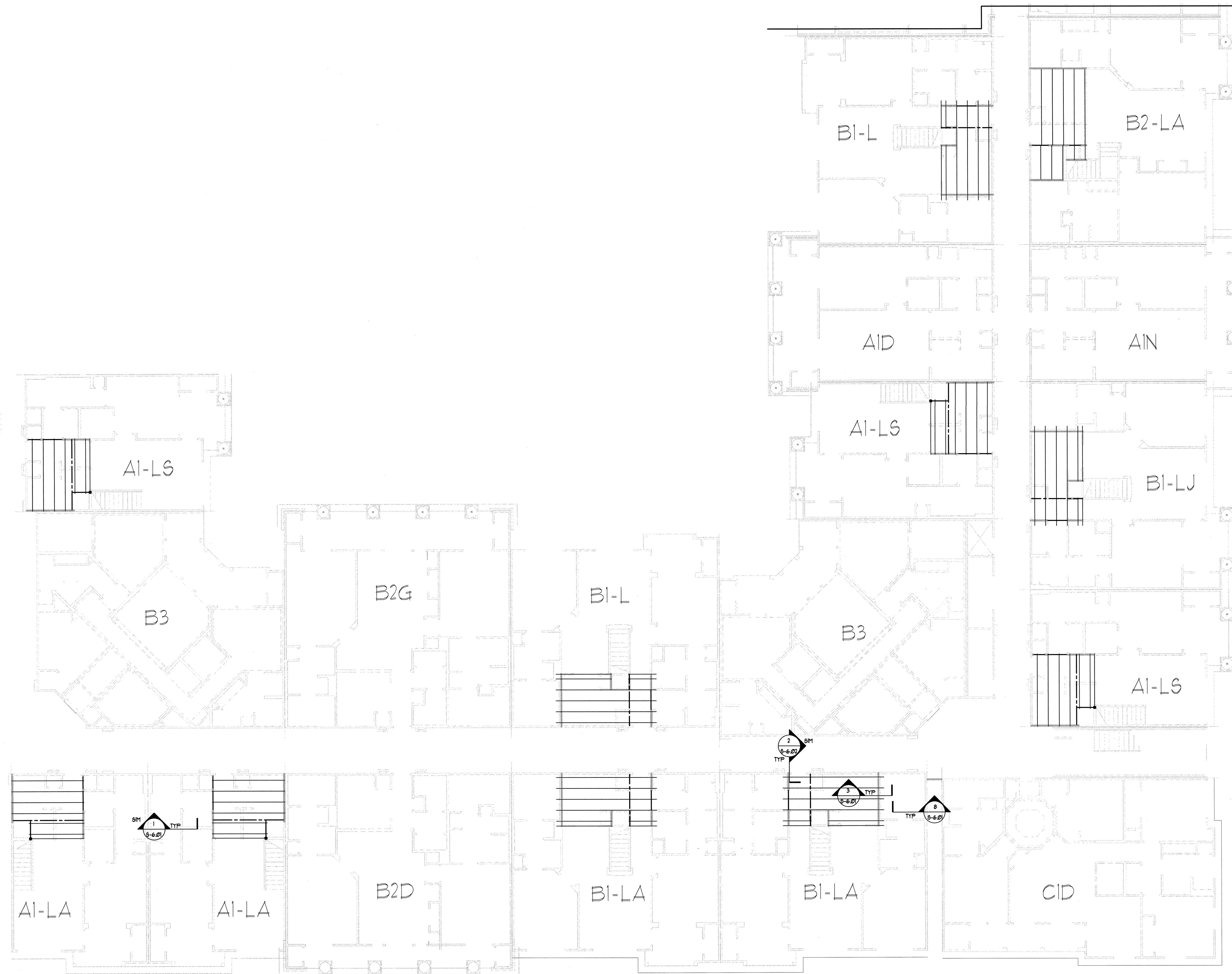
MEZZANINE - BUILDING 500

DRAWING NUMBER

S-224

COMMENTS

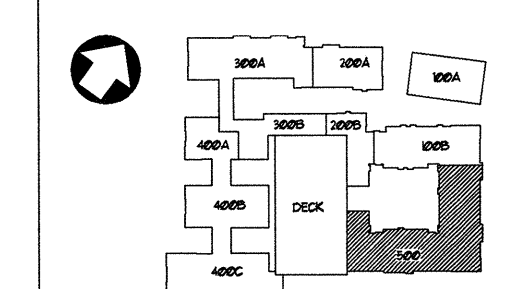
BUILDING 100B
SEE S-224 MATCHLINE



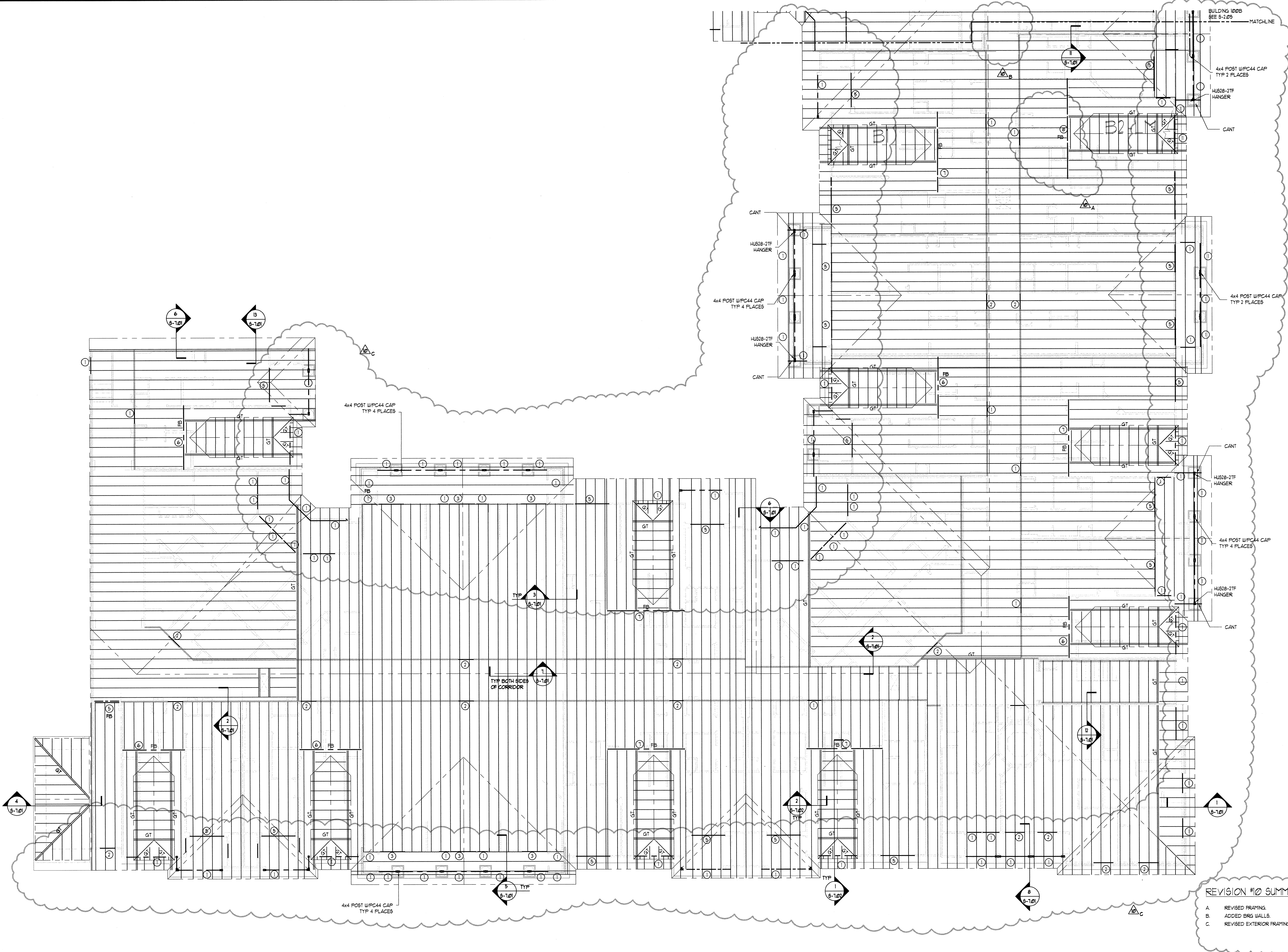
1 MEZZANINE FRAMING PLAN - BLDG. 500
SCALE: 1/8"=1'-0"

SEE S-224 FOR FLOOR FRAMING NOTES AND BEAM/HEADER SCHEDULE

KEY PLAN



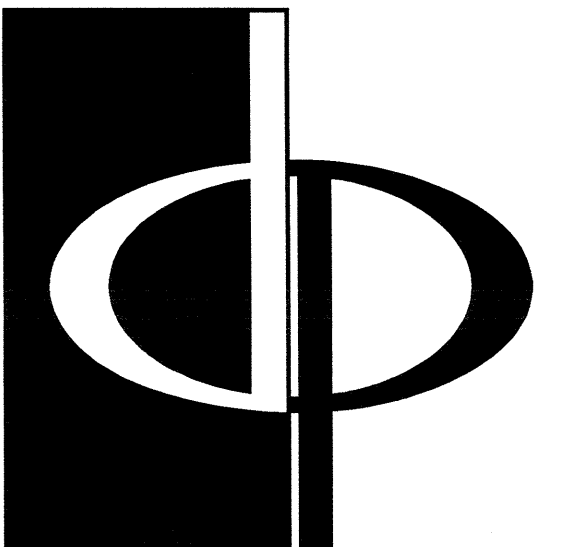
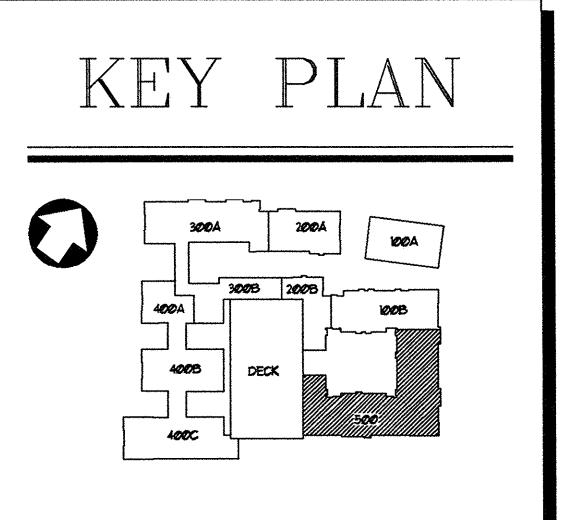
PARKING DECK
BY OTHERS



1 ROOF FRAMING PLAN - BLDG. 500
 5-225 SCALE: 1/8"=1'-0"

SEE 5-125 FOR ROOF FRAMING NOTES AND BEAM/HEADER SCHEDULE

REVISION #10 SUMMARY
 A. REVISED FRAMING
 B. ADDED BRG WALLS
 C. REVISED EXTERIOR FRAMING



THE PRESTON PARTNERSHIP, LLC
 A MULTI-DISCIPLINARY DESIGN FIRM
 1000 ABERNATHY ROAD NE, SUITE 600
 ATLANTA, GEORGIA 30328
 TELEPHONE: 770 396 7248
 FAX: 770 396 2945
 WWW.THEPRESTONPARTNERSHIP.COM

CONSULTANT

SEAL



PROJECT
ARCHSTONE KENTLANDS
 949 QUINCE ORCHARD ROAD
 GAITHERSBURG, MARYLAND

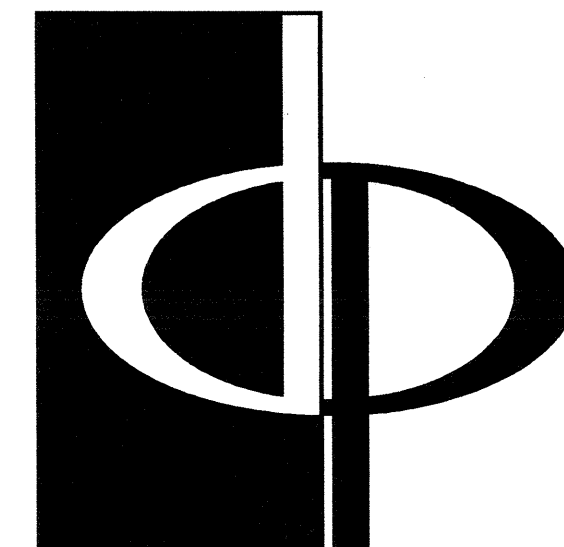
FOR

ARCHSTONE
 COMMUNITIES
 6631 OLD DOMINION DRIVE
 MCLEAN, VIRGINIA 22101
 703-883-3353

REVISIONS	
RELEASED FOR CONSTRUCTION	01/18/03
TOM POPOFF REVIEW COMMENTS	01/18/03

DATE	
01/31/03	
02/11/03	
JRE/JR	
KM	

DATE
 JOB NUMBER
 DRAWN BY
 CHECKED BY
 DRAWING TITLE
**ROOF FRAMING PLAN
 BUILDING 500**
 DRAWING NUMBER
S-225
 COMMENTS



THE PRESTON PARTNERSHIP, LLC
A MULTI-DISCIPLINARY DESIGN FIRM

1000 ABERNATHY ROAD NE, SUITE 600
ATLANTA, GEORGIA 30328
TELEPHONE: 770 396 7248
FAX: 770 396 2945

WWW.THEPRESTONPARTNERSHIP.COM

CONSULTANT

SEAL



10.17.03

PROJECT

ARCHSTONE
KENTLANDS

549 QUINCE ORCHARD ROAD
GAITHERSBURG, MARYLAND

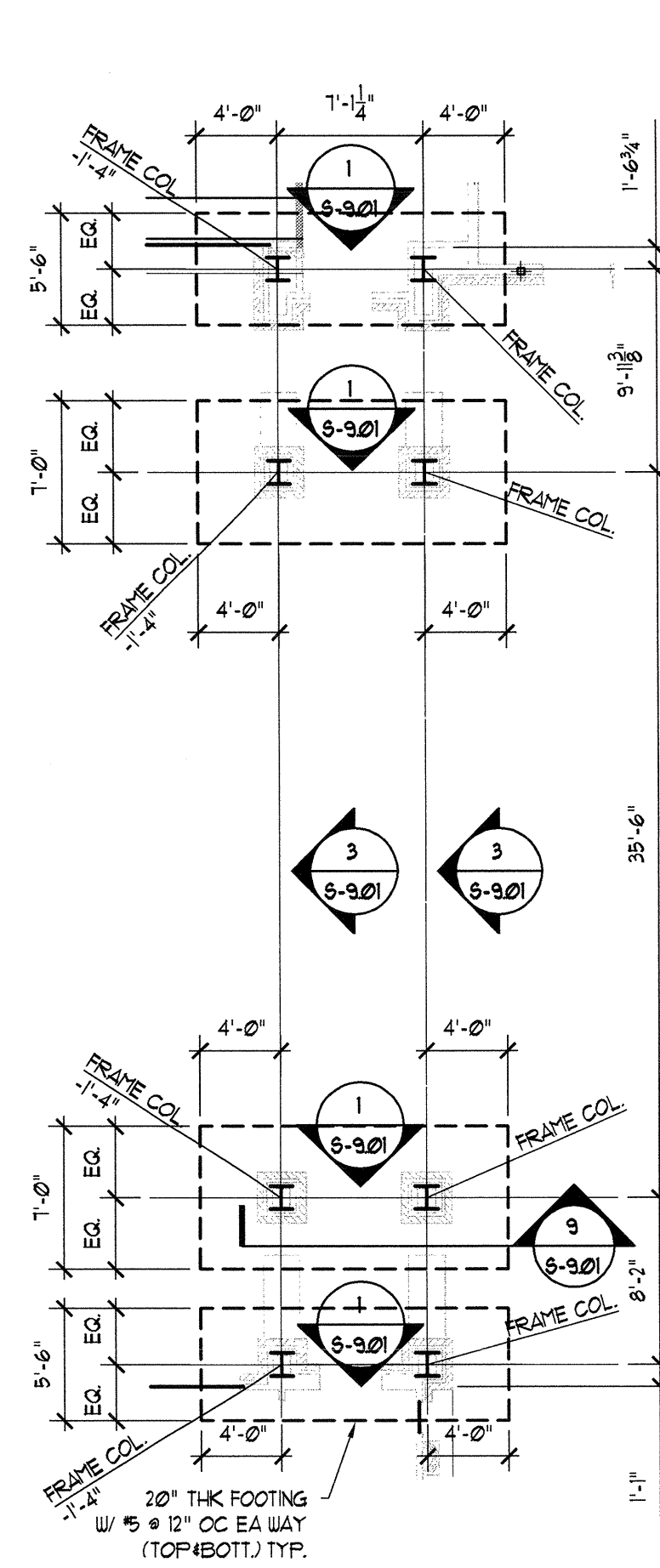
FOR



REVISIONS
RELEASED FOR CONSTRUCTION 07/18/03
CLUB HOUSE DESIGN 09/15/03

REVISION #11 SUMMARY
A REVISED NOTE

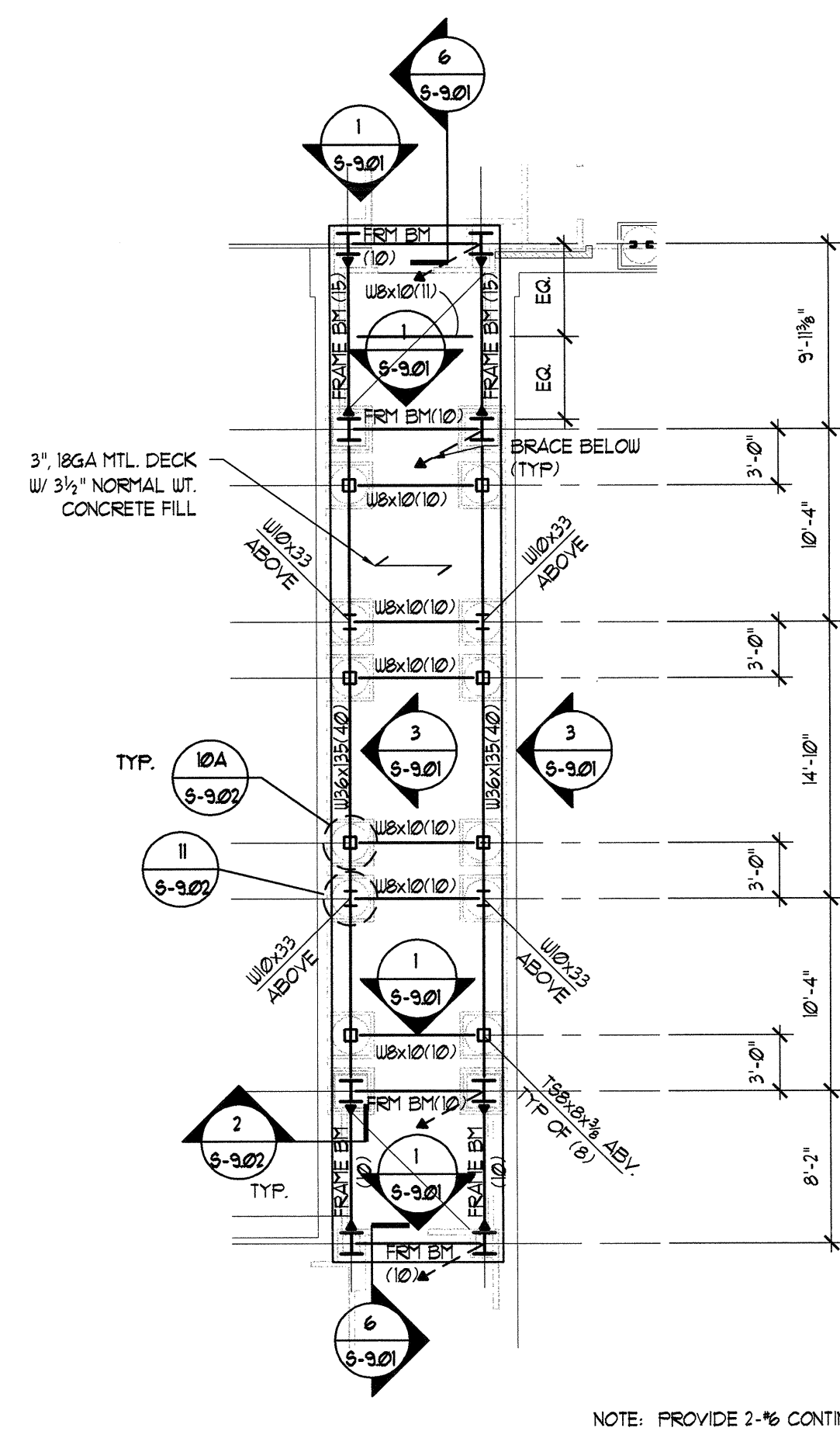
DATE 01/31/03
JOB NUMBER 021102
DRAWN BY BDH
CHECKED BY BDH
DRAWING TITLE PEDESTRIAN BRIDGE FRAMING PLANS
DRAWING NUMBER S-2.26
COMMENTS



NOTE:
FOR FRAME COLUMN SIZE AND SHAPE SEE
FRAME ELEVATIONS ON SH. 5-9.01

PEDESTRIAN BRIDGE - BUILDING 200
1ST FLOOR FOUNDATION PLAN

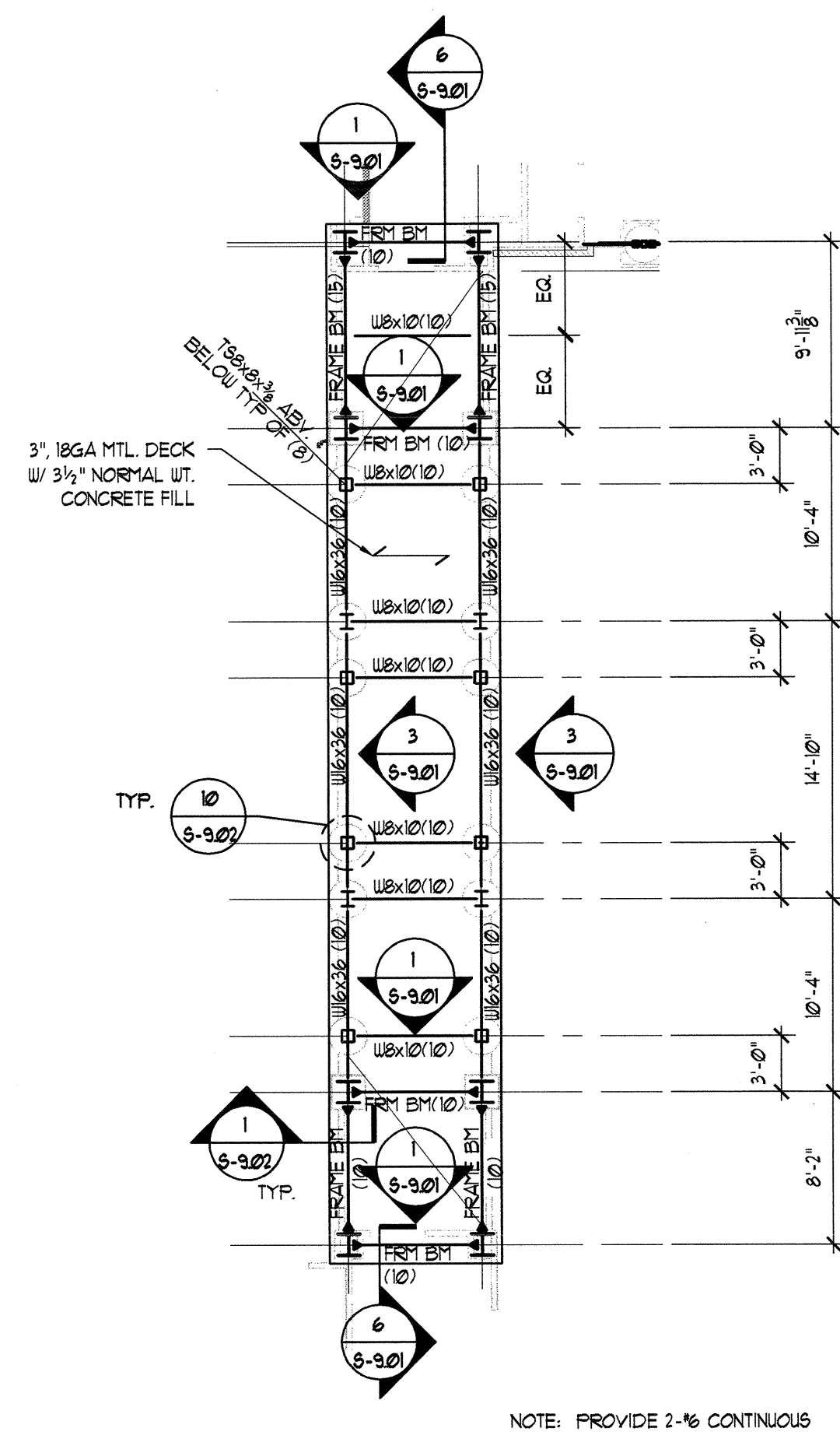
1
S-226 SCALE: 1/8"=1'-0"



NOTE: PROVIDE 2-% CONTINUOUS
CHORD REINF. AT ALL DECK EDGES

PEDESTRIAN BRIDGE - BUILDING 200
3RD FLOOR FRAMING PLAN

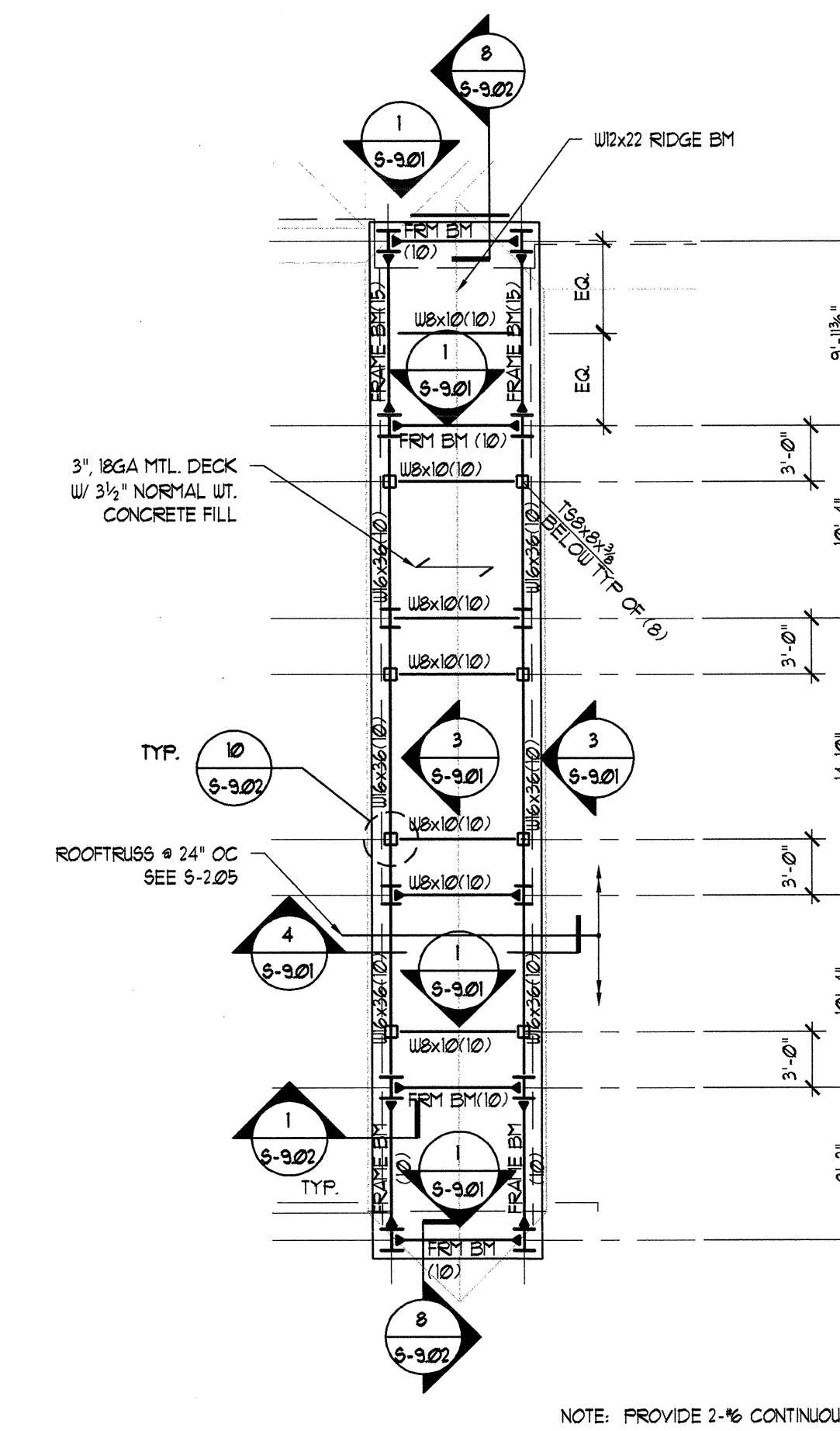
2
S-226 SCALE: 1/8"=1'-0"



NOTE: PROVIDE 2-% CONTINUOUS
CHORD REINF. AT ALL DECK EDGES

PEDESTRIAN BRIDGE - BUILDING 200
4TH FLOOR FRAMING PLAN

3
S-226 SCALE: 1/8"=1'-0"



NOTE: PROVIDE 2-% CONTINUOUS
CHORD REINF. AT ALL DECK EDGES

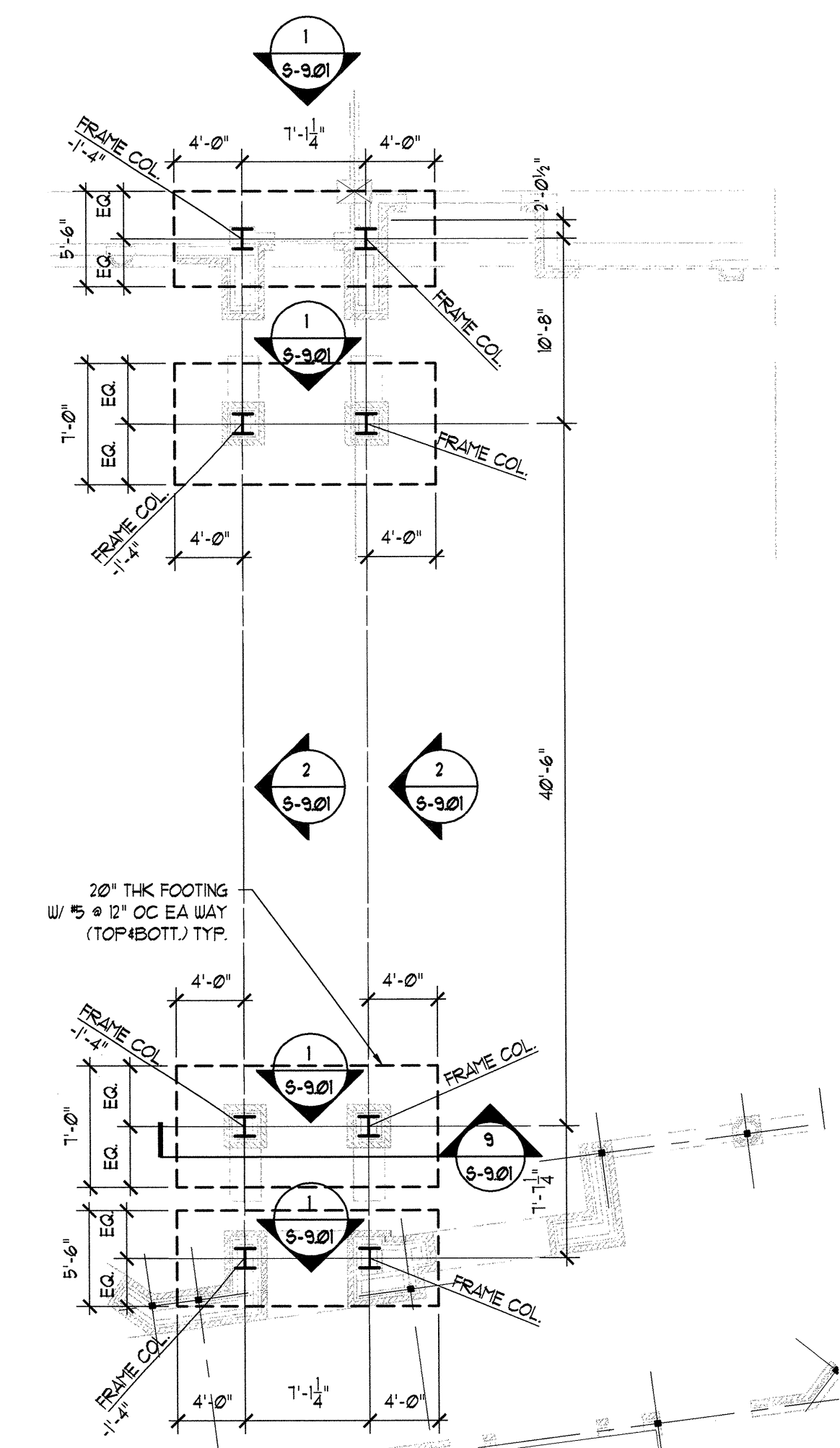
PEDESTRIAN BRIDGE - BUILDING 200
ROOF PLATFORM FRAMING PLAN

4
S-226 SCALE: 1/8"=1'-0"

- FRAMING PLAN NOTES**
- SEE S-10 FOR ADDITIONAL FOUNDATION NOTES
 - SEE ARCH. DRAWINGS FOR TOP OF SLAB ELEVATIONS AND SLAB SLOPES NOT SHOWN
 - TYP. FRAMED SLAB CONSISTS OF 3 1/2" THICK NORMAL WEIGHT CONCRETE ON 3" x 20 GA GALVANIZED COMPOSITE METAL DECK (6 1/2" TOTAL THICKNESS) FINISH PER ARCH. REINFORCE WITH 6x6x1/4" W/LOCATED 1" FROM TOP OF SLAB. WELD METAL DECK TO ALL SUPPORTING MEMBERS W/ 1" PUDDLE WELDS @ 12" O.C. MAX (4" PUDDLE WELD PER 36" PANEL MIN). WHERE HEADED STUDS ARE WELDED THRU THE DECK, EACH STUD MAY BE ASSUMED TO REPLACE (1) 3/4" PUDDLE WELD. SIDE LAP CONNECTIONS SHALL BE A 1/4" 1/4" ARC BEAM WELD @ 36" O.C. (4 MIN PER SPAN EA SIDE)
 - NUMBER (/) DENOTES QUANTITY OF 3/4" HEADED STUDS FIELD WELDED TO TOP OF BEAM. HEADED STUDS SHALL BE A MINIMUM OF 4 1/2" LONG AND A MAXIMUM OF 5" LONG AFTER WELDING.

- FOR STUD LAYOUT NOTED THIS (/) (/) (/) (/) THE QUANTITY OF STUDS SHOWN IN (/) SHALL BE UNIFORMLY DISTRIBUTED BETWEEN PERPENDICULAR BEAMS.
- C + 1/4" DENOTES BEAM CAMBER + MIDSPAN. SEE DUG 9P-01 FOR ADDITIONAL INFO.
- WHERE SPACING OF BEAMS ARE NOT INDICATED, PROVIDE EQUAL SPACING WITHIN EACH BAY. LOCATE OPENING PER ARCH. & MECHANICAL DRAWINGS
- ALL CHORD / DRAG BARS SHOWN IN TOPPING SHALL BE CONTINUOUS W/ CLASS 'B' TENSION SPLICE (UNO).
- USE FULL HT. SHEAR PLATES OR FULL HT. CLIP ANGLES AT BEAM FRAMING INTO A PERIMETER GIRDER, TYP.

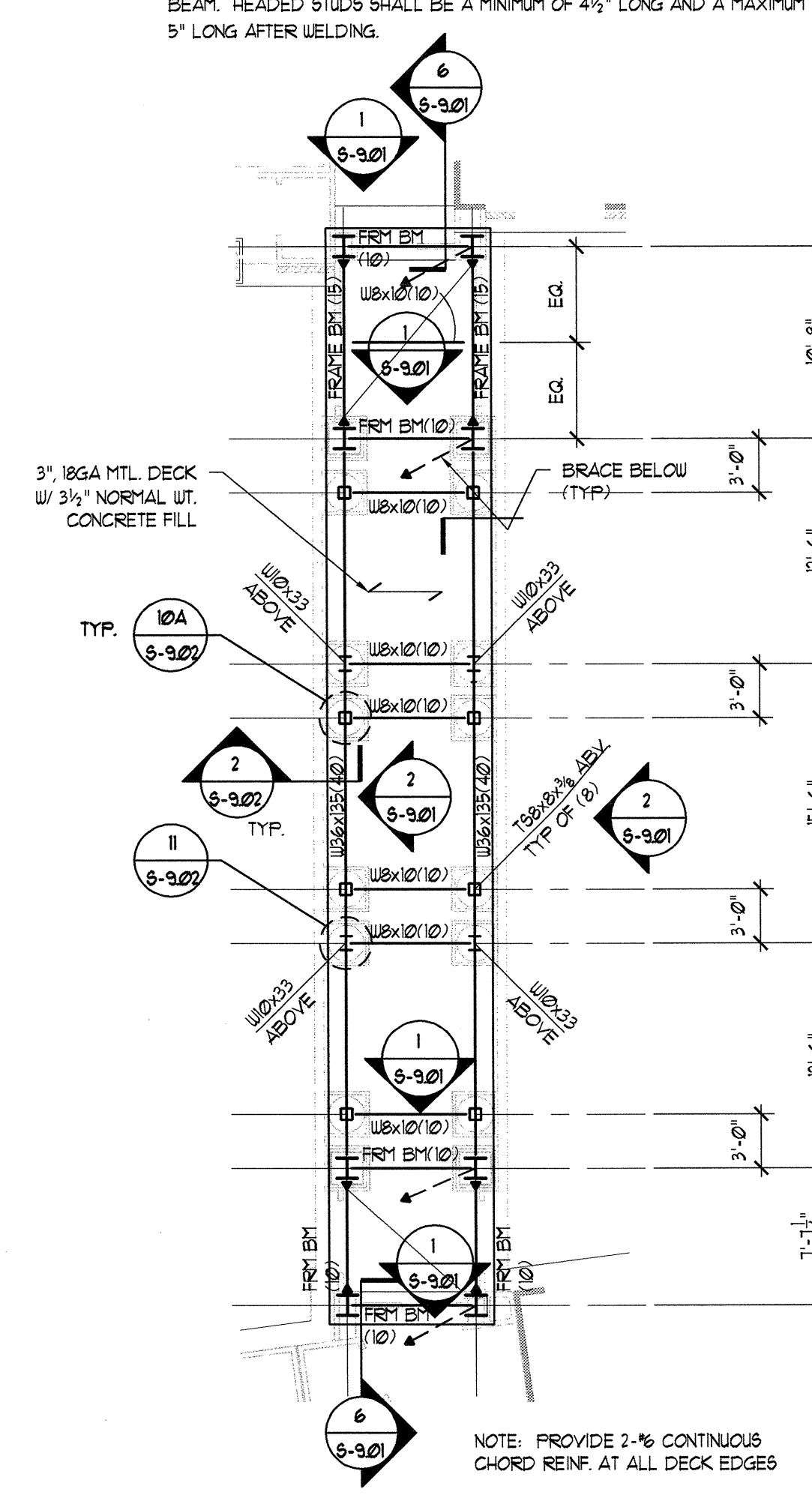
- (/) INDICATES TOP OF STEEL 60# BELOW TYPICAL TOP OF STEEL, AT LOCATIONS INDICATED
- INDICATES MOMENT CONNECTION
- INDICATES DIAGONAL BRACE WITH LOWER END AT ARROW HEAD.



NOTE:
FOR FRAME COLUMN SIZE AND SHAPE SEE
FRAME ELEVATIONS ON SH. 5-9.01

PEDESTRIAN BRIDGE - BUILDING 100
1ST FLOOR FOUNDATION PLAN

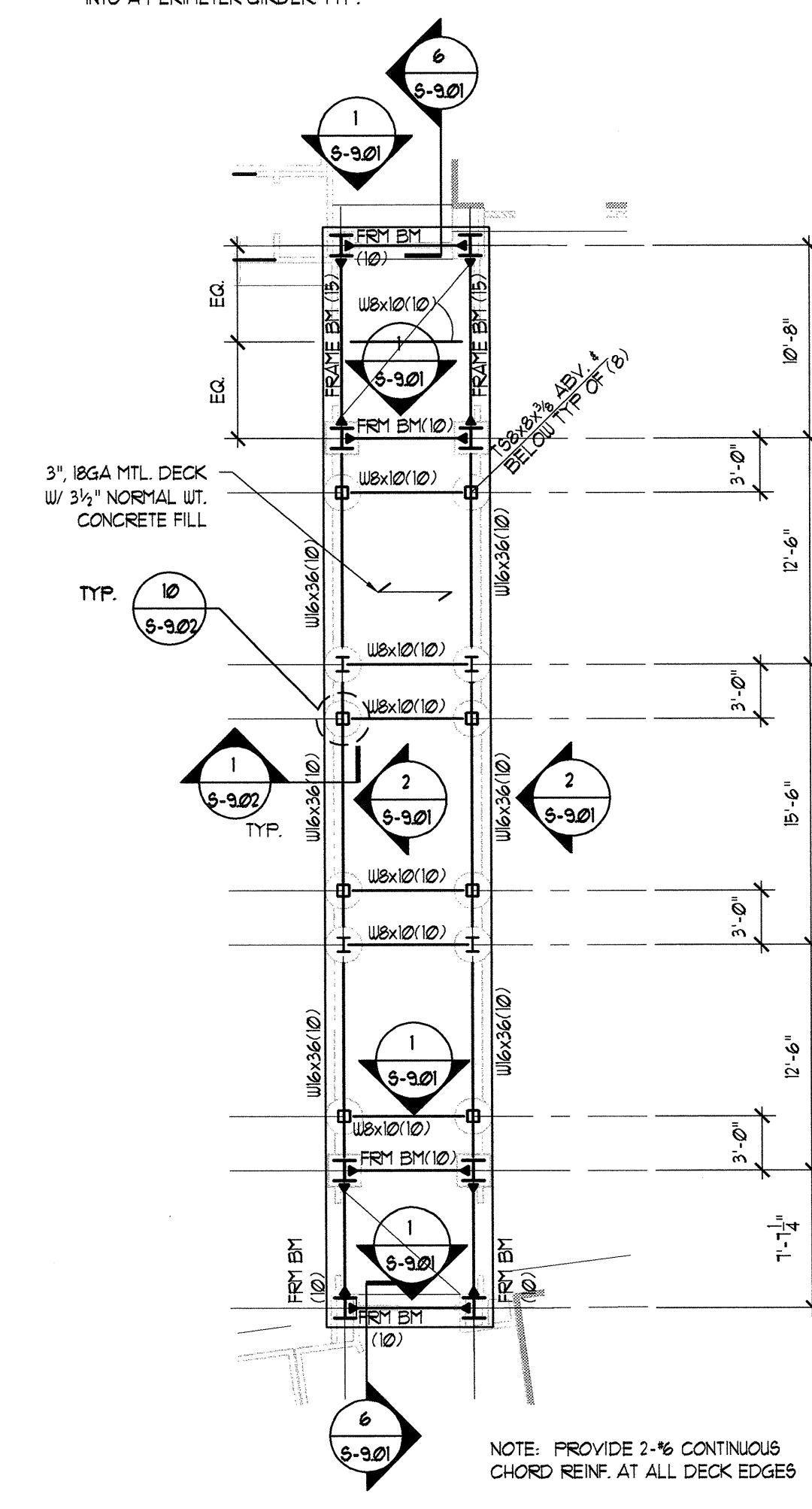
5
S-226 SCALE: 1/8"=1'-0"



NOTE: PROVIDE 2-% CONTINUOUS
CHORD REINF. AT ALL DECK EDGES

PEDESTRIAN BRIDGE - BUILDING 100
3RD FLOOR FRAMING PLAN

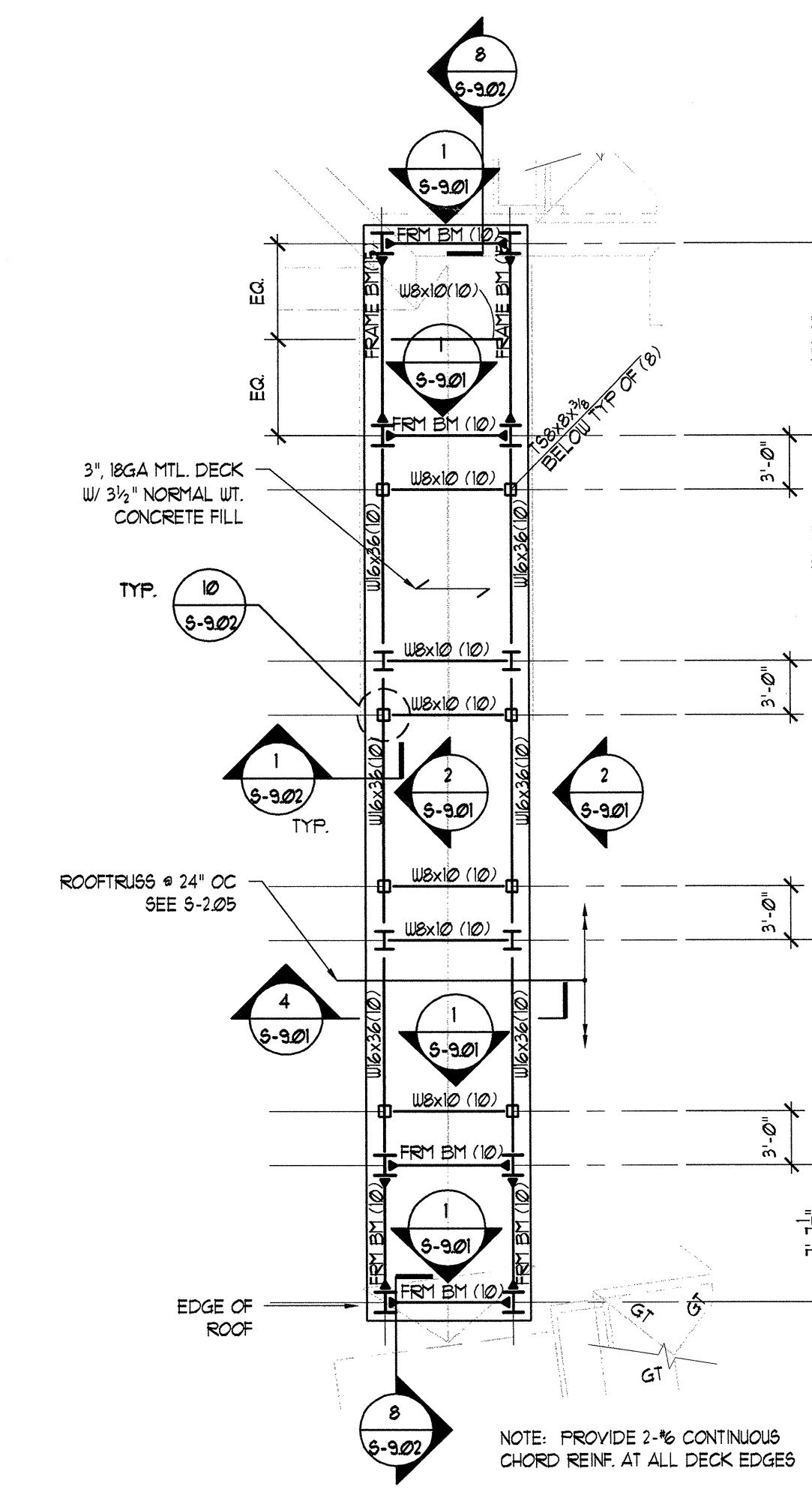
6
S-226 SCALE: 1/8"=1'-0"



NOTE: PROVIDE 2-% CONTINUOUS
CHORD REINF. AT ALL DECK EDGES

PEDESTRIAN BRIDGE - BUILDING 100
4TH FLOOR FRAMING PLAN

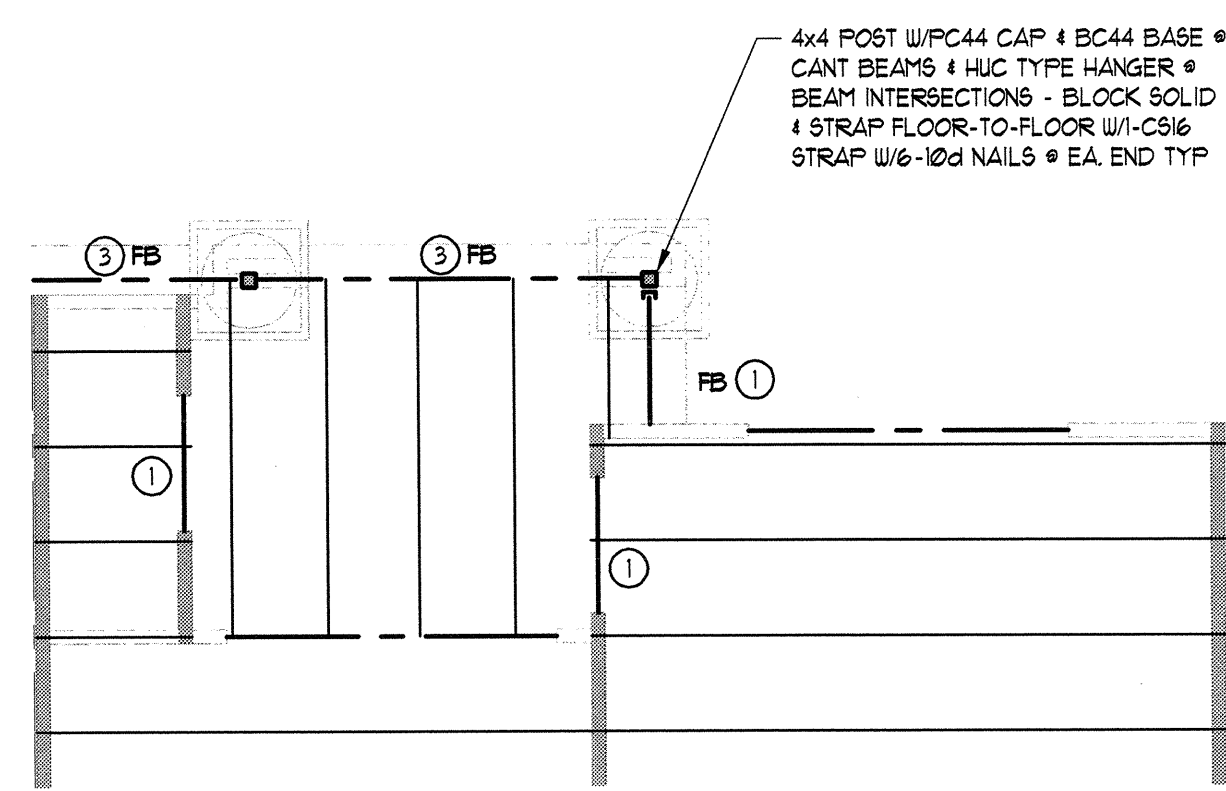
7
S-226 SCALE: 1/8"=1'-0"



NOTE: PROVIDE 2-% CONTINUOUS
CHORD REINF. AT ALL DECK EDGES

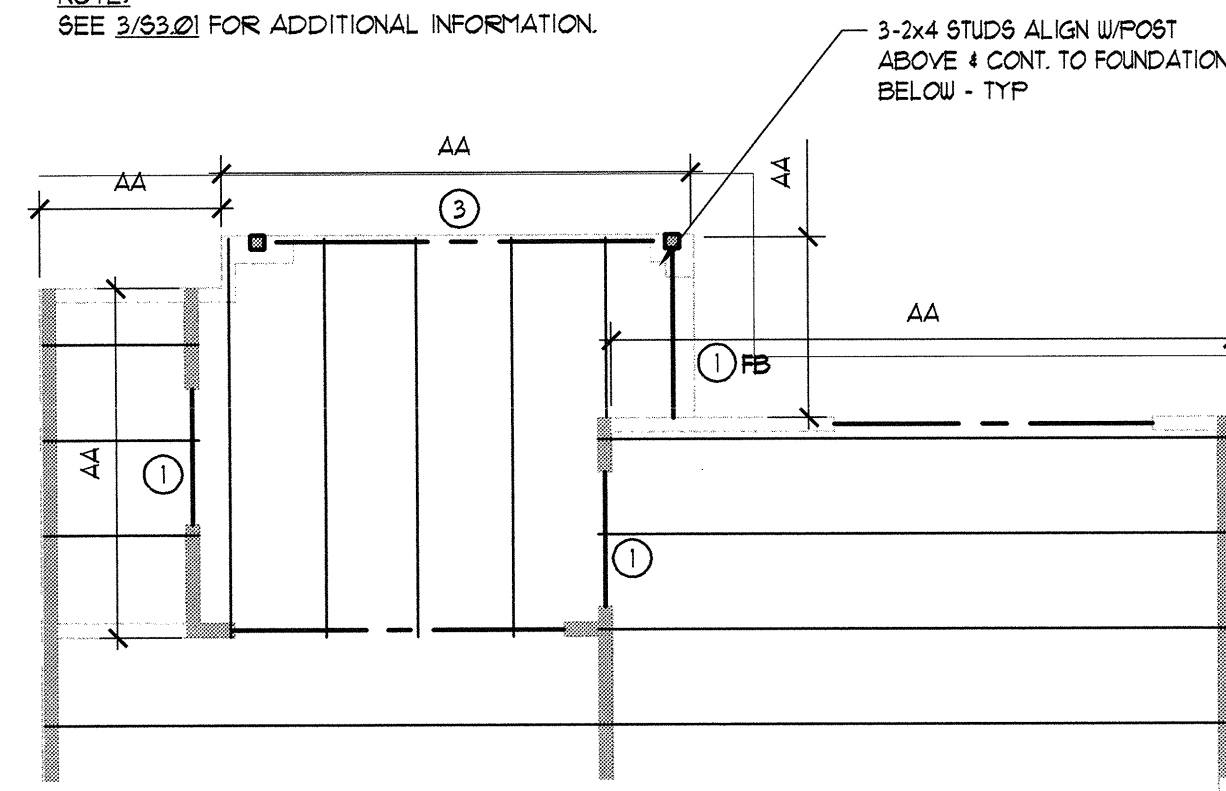
PEDESTRIAN BRIDGE - BUILDING 100
ROOF PLATFORM FRAMING PLAN

8
S-226 SCALE: 1/8"=1'-0"



4 A1C/A2C/A1S/A2S UNIT FRAMING PLAN
SCALE: 1/4"=1'-0"

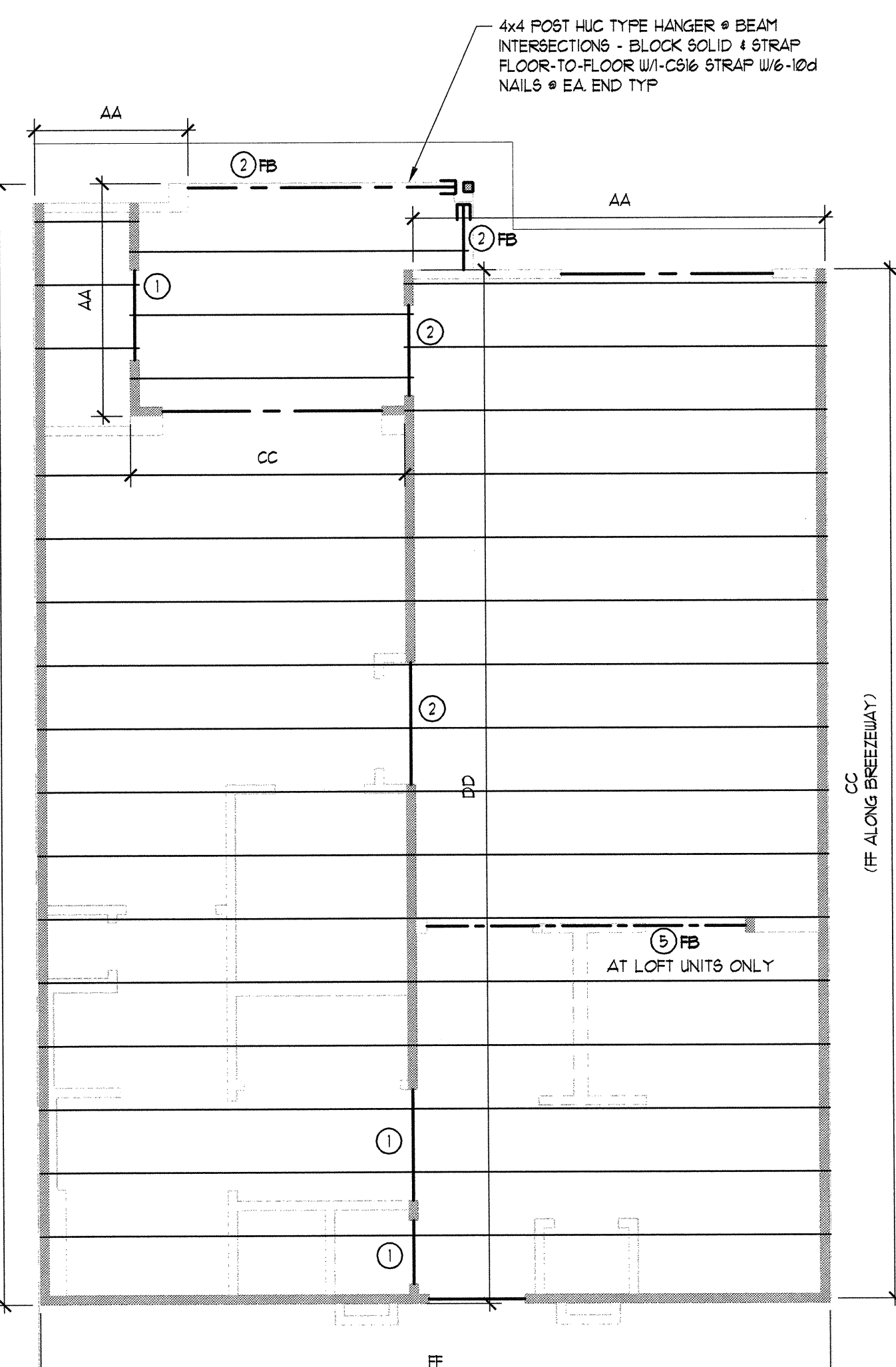
NOTE: SEE 9.93(2) FOR ADDITIONAL INFORMATION.



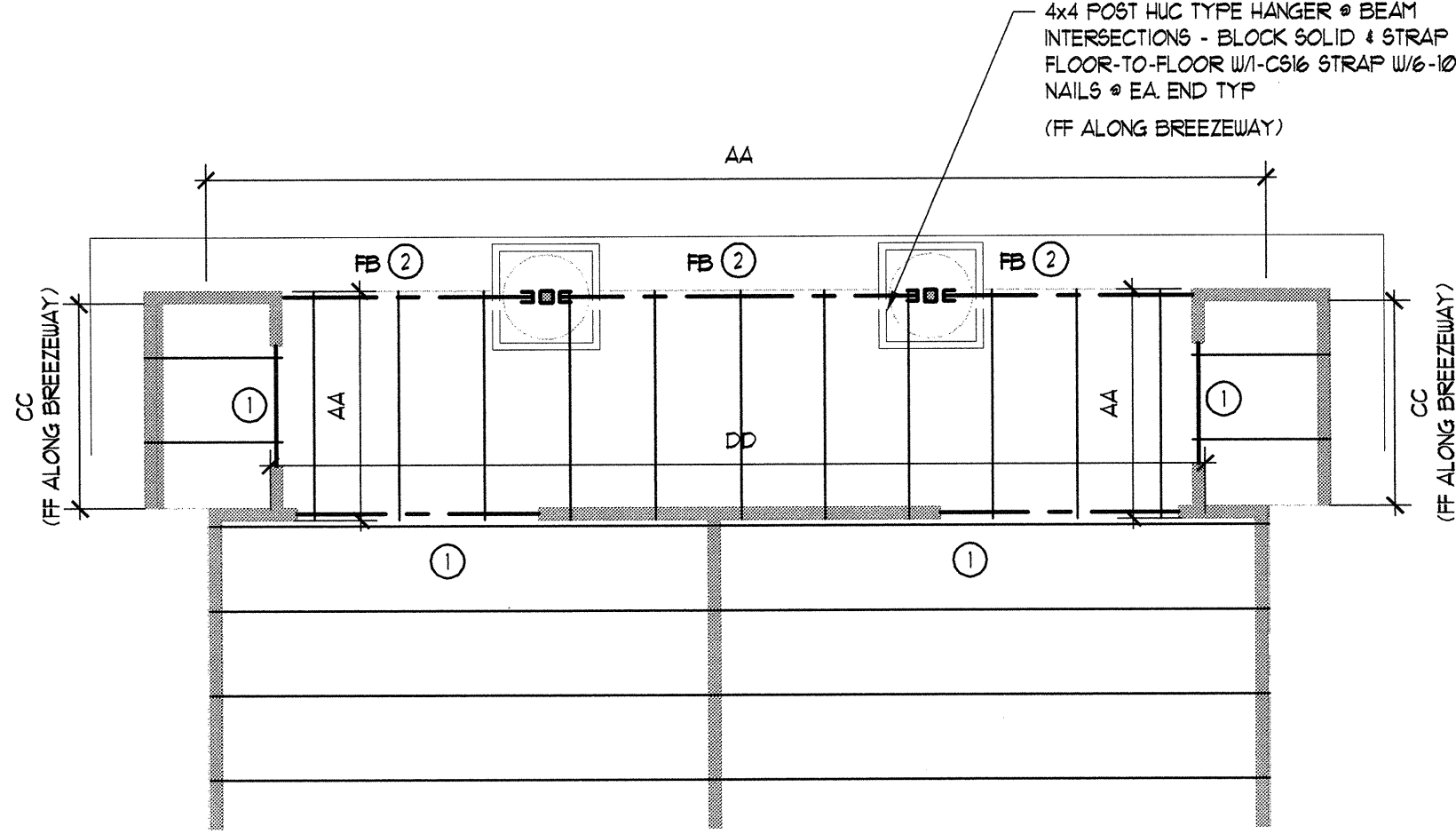
3 A1B/A2B/A3B/A1R/A2R UNIT FRAMING PLAN
SCALE: 1/4"=1'-0"

NOTE: SEE 9.93(2) FOR ADDITIONAL INFORMATION.

2 NOT USED
SCALE: 1/4"=1'-0"

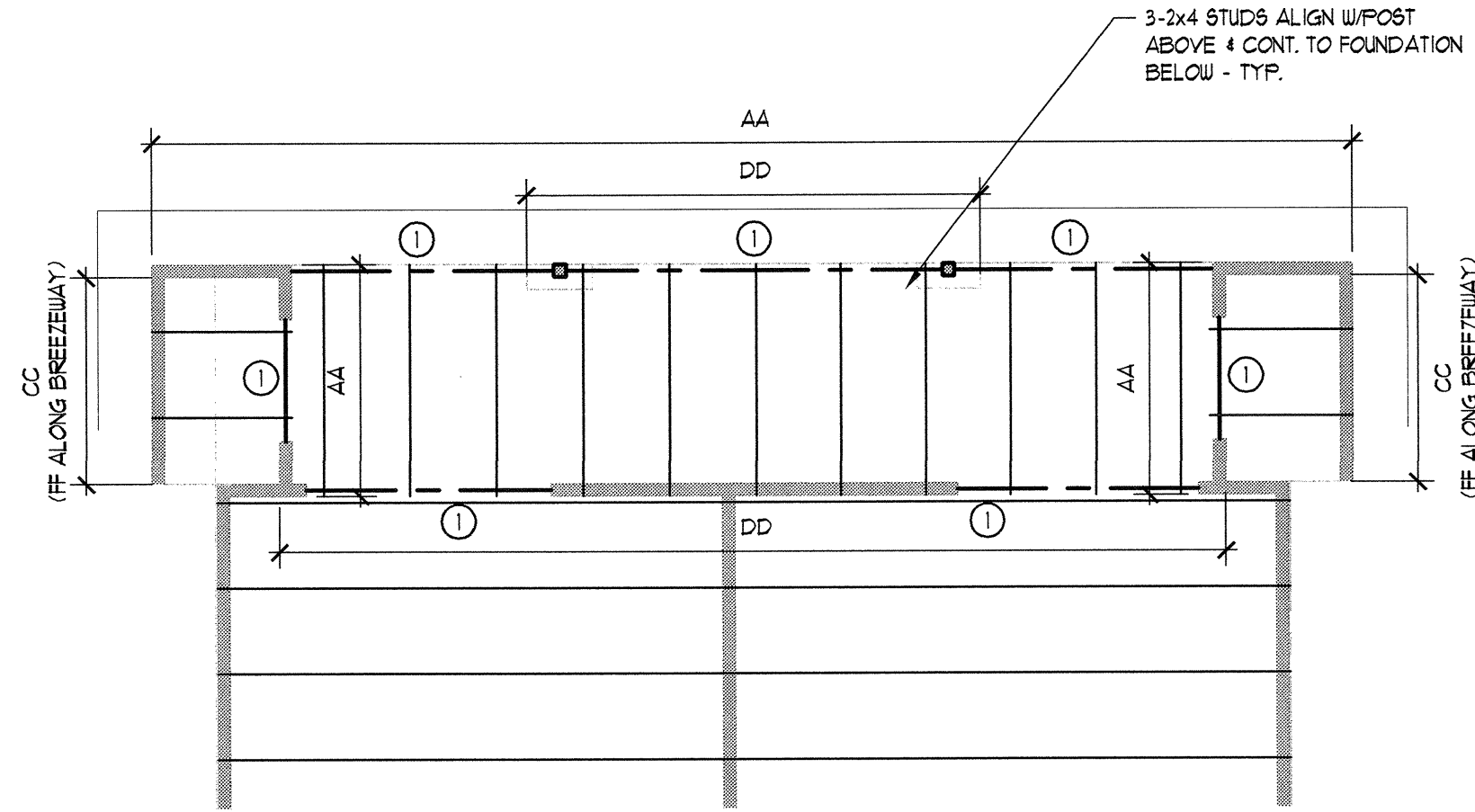


1 A1/A1A/A2/A2A/A3/A3A UNIT FRAMING PLAN
SCALE: 1/4"=1'-0"



8 A1N/A1U UNIT FRAMING PLAN
SCALE: 1/4"=1'-0"

NOTE: SEE 9.93(2) FOR ADDITIONAL INFORMATION.

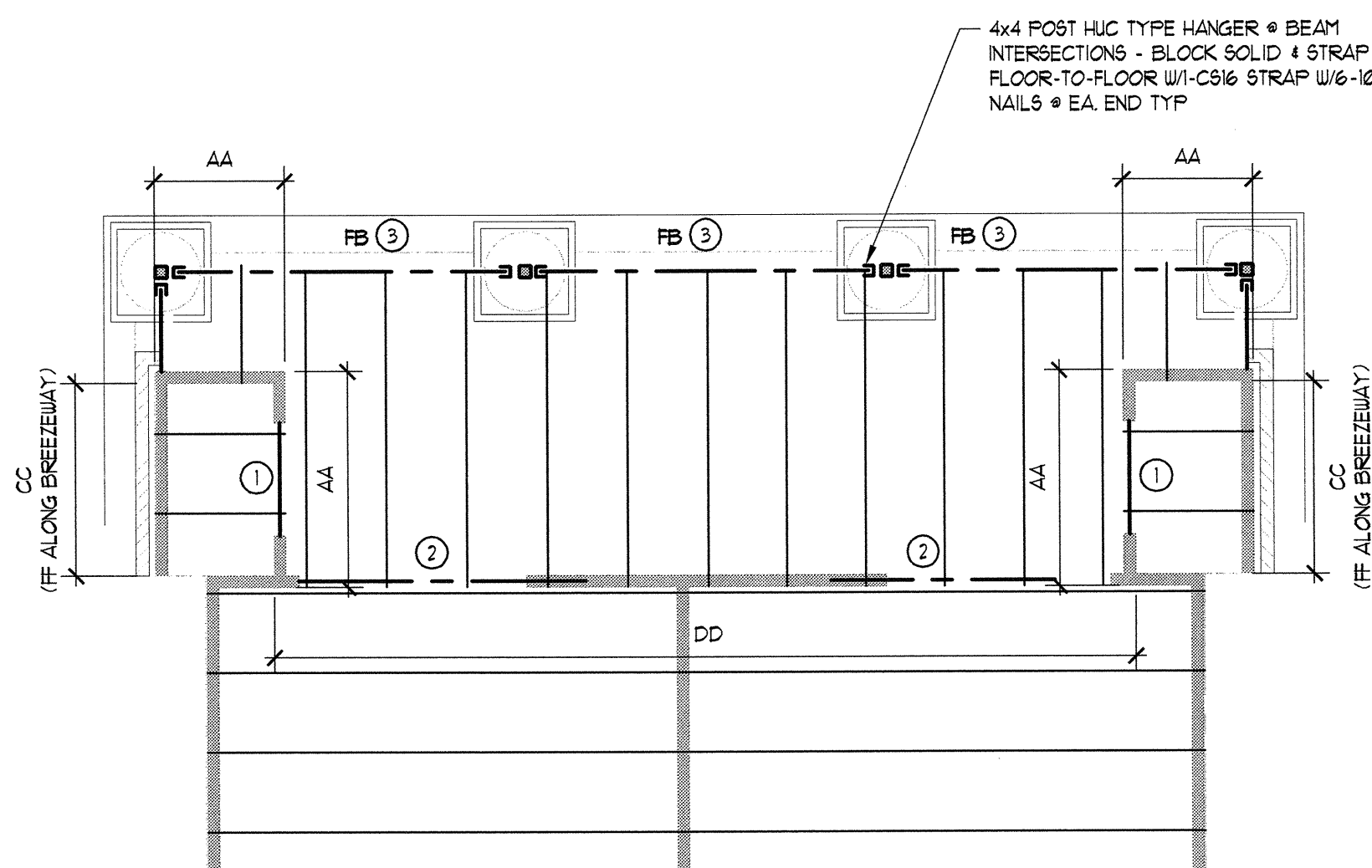


12 A1Q UNIT FRAMING PLAN
SCALE: 1/4"=1'-0"

NOTE: SEE 9.93(2) FOR ADDITIONAL INFORMATION.

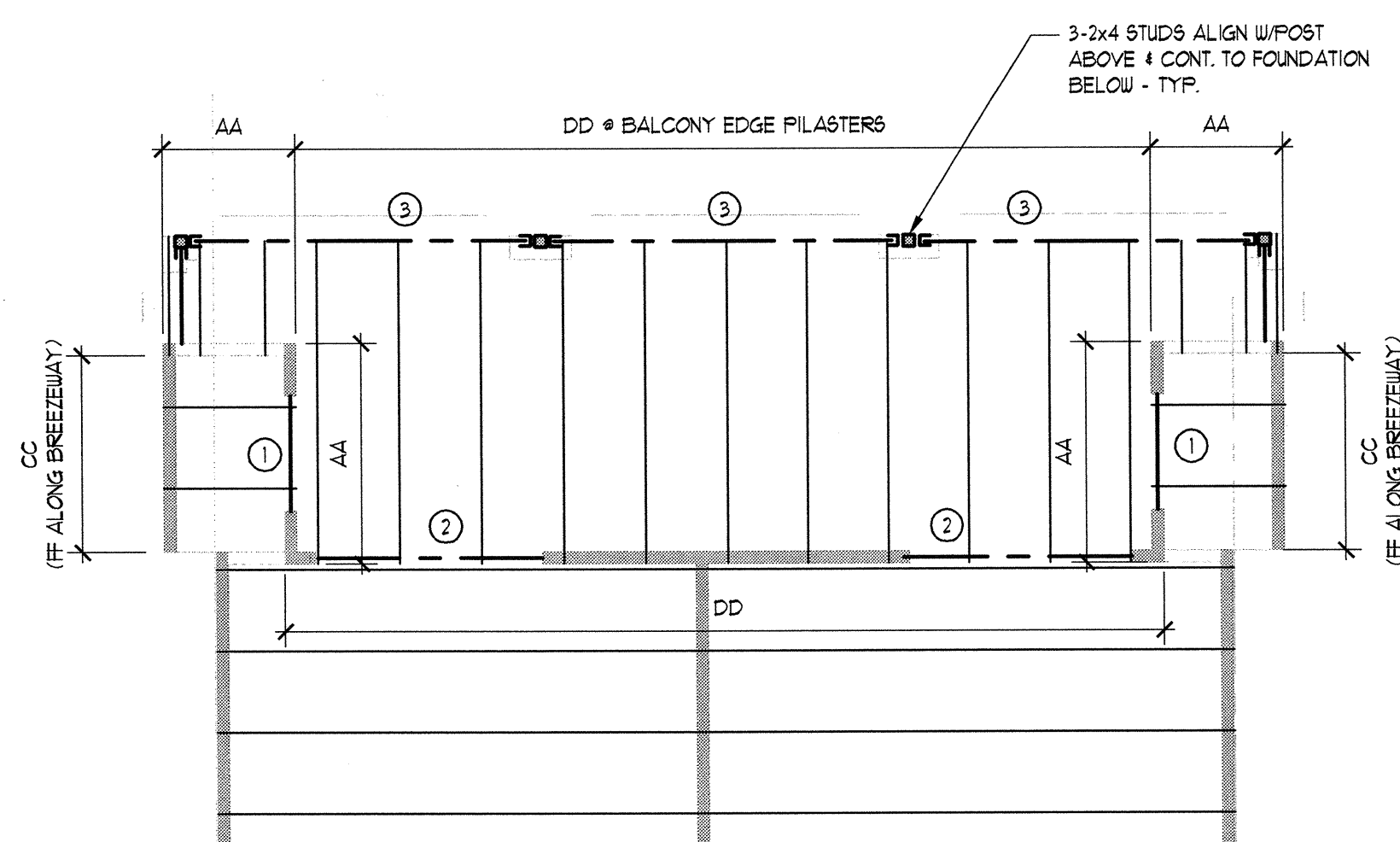
1 A1F/A1H UNIT FRAMING PLAN
SCALE: 1/4"=1'-0"

NOTE: SEE 9.93(2) FOR ADDITIONAL INFORMATION.



6 A1D UNIT FRAMING PLAN
SCALE: 1/4"=1'-0"

NOTE: SEE 9.93(2) FOR ADDITIONAL INFORMATION.



5 A1E UNIT FRAMING PLAN
SCALE: 1/4"=1'-0"

NOTE: SEE 9.93(2) FOR ADDITIONAL INFORMATION.

STUD SCHEDULE:
SPRUCE PINE FIR, NO. 2 Fb=250 psi, Fc=1150 psi, E=1,400 ksi

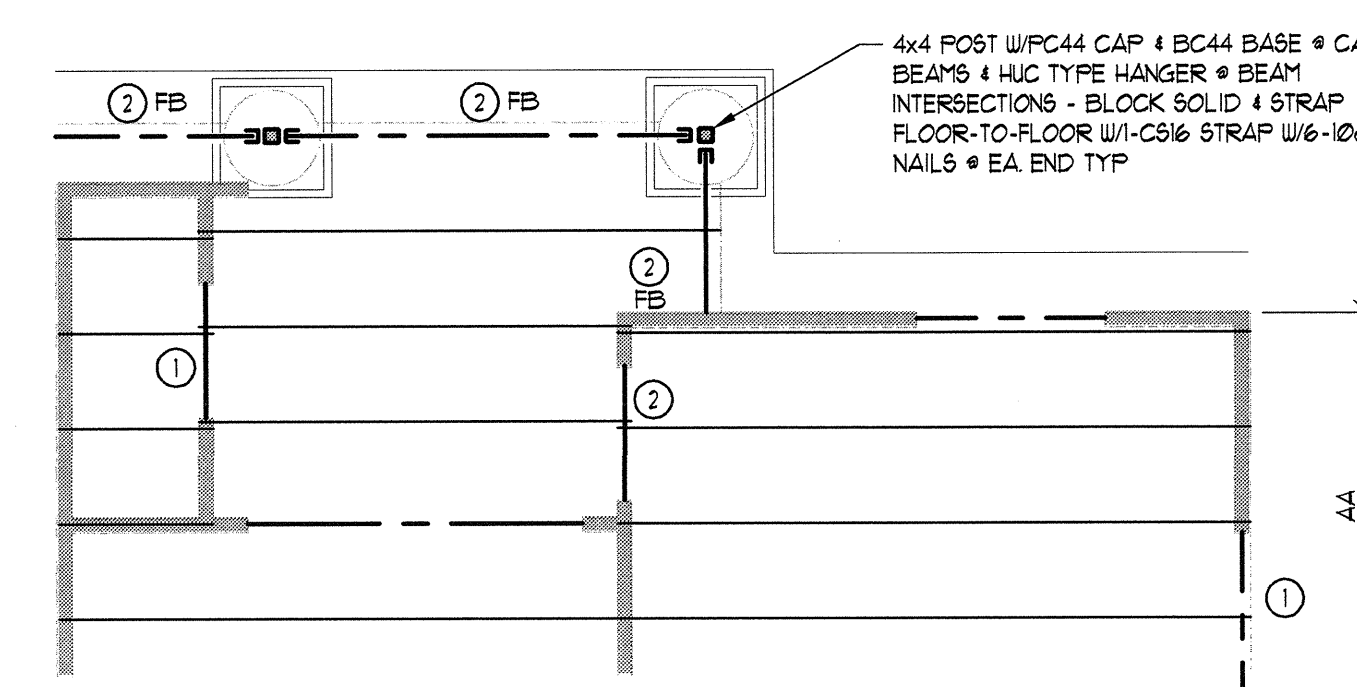
	4 STORY	AA	BB	CC	DD	EE	FF
4th FLOOR - UP TO 10'-4 1/2" FLT	2x4 @ 12" oc	2x4 @ 16" oc	2x4 @ 16" oc	2x4 @ 16" oc	2x4 @ 12" oc	2x4 @ 16" oc	2x4 @ 16" oc
3rd FLOOR - UP TO 9'-1 1/2" FLT	2x4 @ 12" oc	2x4 @ 16" oc	2x4 @ 16" oc	2x4 @ 16" oc	2x4 @ 12" oc	2x4 @ 16" oc	2x4 @ 16" oc
2nd FLOOR - UP TO 9'-1 1/2" FLT	2x4 @ 12" oc	2x4 @ 12" oc ¹	2x4 @ 16" oc	2x4 @ 16" oc	2x4 @ 12" oc	(2) - 2x4 @ 16" oc	(2) - 2x4 @ 16" oc
1st FLOOR	UP TO 9'-1 1/2" FLT	2x4 @ 12" oc	(3) - 2x4 @ 24" oc ¹ (1) - 2x4 @ 24" oc ¹	2x4 @ 16" oc	(2) - 2x4 @ 24" oc ¹ (1) - 2x4 @ 24" oc ¹	(4) - 2x4 @ 24" oc ¹ (1) - 2x4 @ 24" oc ¹	(2) - 2x4 @ 16" oc
	UP TO 9'-8" FLT	2x4 @ 12" oc	(3) - 2x4 @ 24" oc ¹ (1) - 2x4 @ 24" oc ¹	2x4 @ 16" oc	(3) - 2x4 @ 24" oc ¹ (1) - 2x4 @ 24" oc ¹	N/A	(2) - 2x4 @ 16" oc
	UP TO 14'-0" FLT	2x6 @ 12" oc	2x6 @ 16" oc	2x6 @ 12" oc	N/A	N/A	2x6 @ 16" oc
BASEMENT - UP TO 9'-1 1/2" FLT (WHERE APPLICABLE)	2x4 @ 12" oc	(4) - 2x4 @ 24" oc ¹ (1) - 2x4 @ 24" oc ¹	2-2x4 @ 16" oc	(3) - 2x4 @ 24" oc ¹ (1) - 2x4 @ 24" oc ¹	(1) - 4x6 @ 24" oc ¹ (1) - 2x4 @ 24" oc ¹	(2) - 2x4 @ 16" oc	

STUD SCHEDULE NOTES:

- ALL VOLUME AREAS SHALL BE BALLOON FRAMED ACCORDING TO THE FOLLOWING SCHEDULE:
2x4 @ 16" oc UP TO 9 FT
2x6 @ 16" oc UP TO 19 FT
(2) - 2x6 @ 16" oc UP TO 19 FT.
- ALL SHEAR WALLS HAVE STUDS @ 16" oc (MAX).
- NON-LOAD BEARING INTERIOR PARTITIONS - SEE ARCH DGS.
- ALL 2x6 WALLS SHALL BE 2x6 @ 16" oc MIN UNO.
- ** DENOTES TO LOCATE MULTIPLE STUDS ALIGNED WITH FLOOR TRUSSES.
- ** DENOTES TO LOCATE SINGLE STUD BETWEEN FLOOR TRUSSES.
- STUDS SHALL ALIGN FLOOR TO FLOOR FULL HEIGHT OF BUILDING WITH SOLID BLOCKING AT EACH FLOOR CAVITY. MINIMUM NUMBER OF 2x BLOCKS WITHIN FLOOR CAVITIES AND MAXIMUM AMOUNT OF MISALIGNMENT OF STUDS AT ADJACENT FLOORS FROM 1/4" TO 1/2" STUD PACKS SHALL BE PER THE SCHEDULE BELOW:

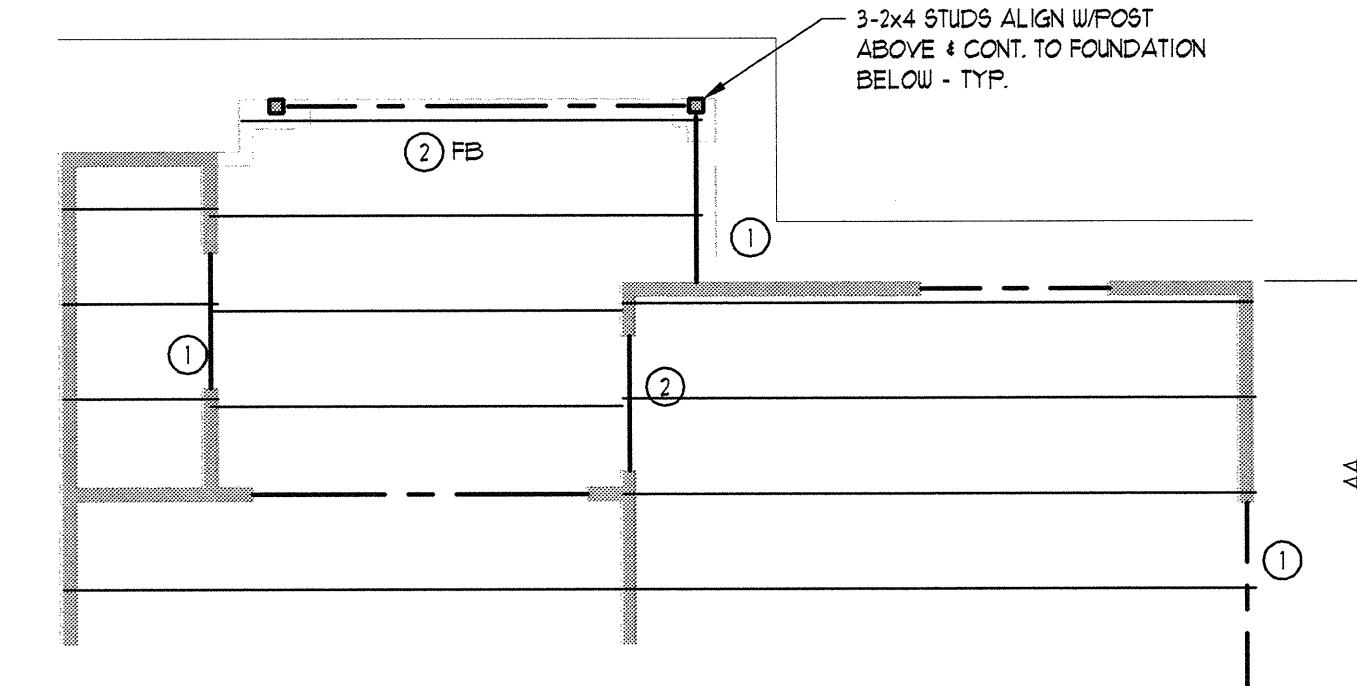
* OF STUDS IN STUD PACK	MIN # OF 2x BLOCKS	MAXIMUM MISALIGNMENT
1	1	1/4"
2 OR 3	2	1/2"
4 OR 5	3	1/2"

- WHERE STUD FRAMING IS SHOWN WITH SUPERScript, i.e. 2x4 @ 12" oc¹ THE CONTRACTOR SHALL PROVIDE PREFAB TRUSS SHEAR PANEL BLOCKING PER DETAIL 12/16-6/21 AS NOTED IN DETAIL 3/15-6/21.



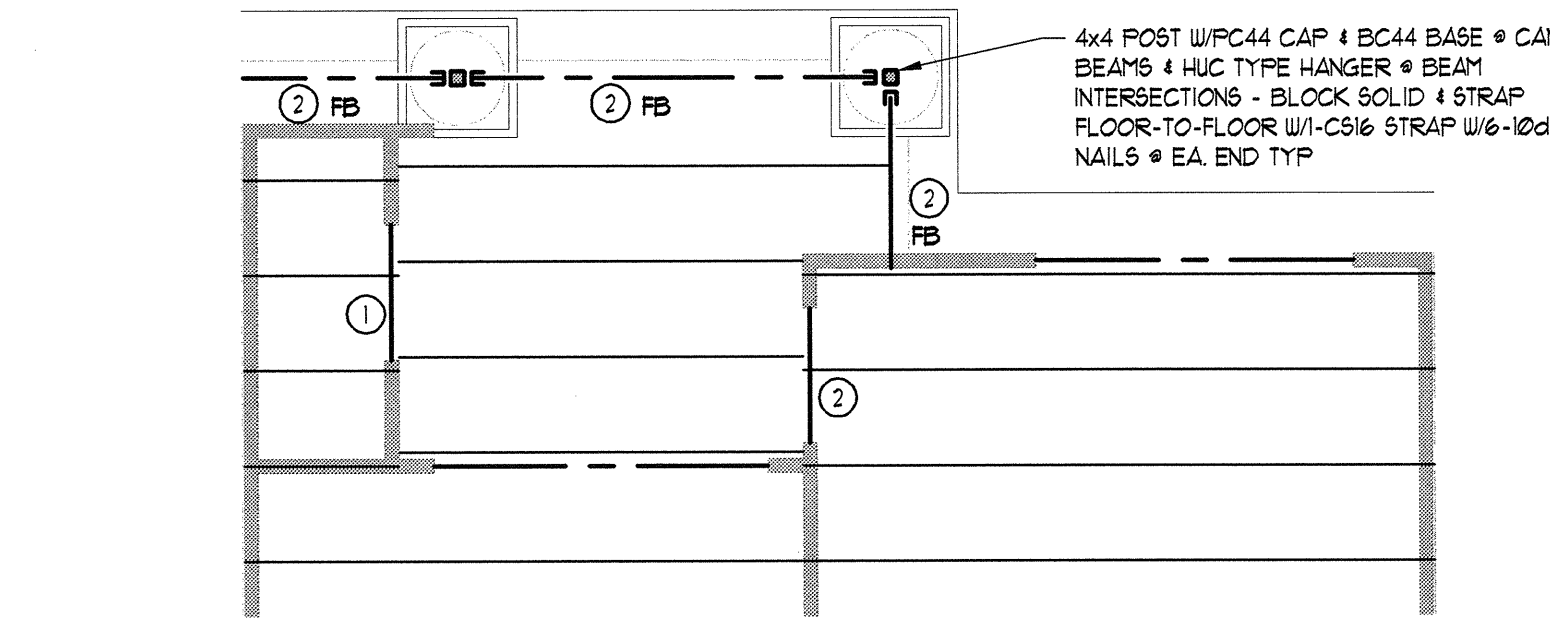
11 A1P UNIT FRAMING PLAN
SCALE: 1/4"=1'-0"

NOTE: SEE 9.93(2) FOR ADDITIONAL INFORMATION.



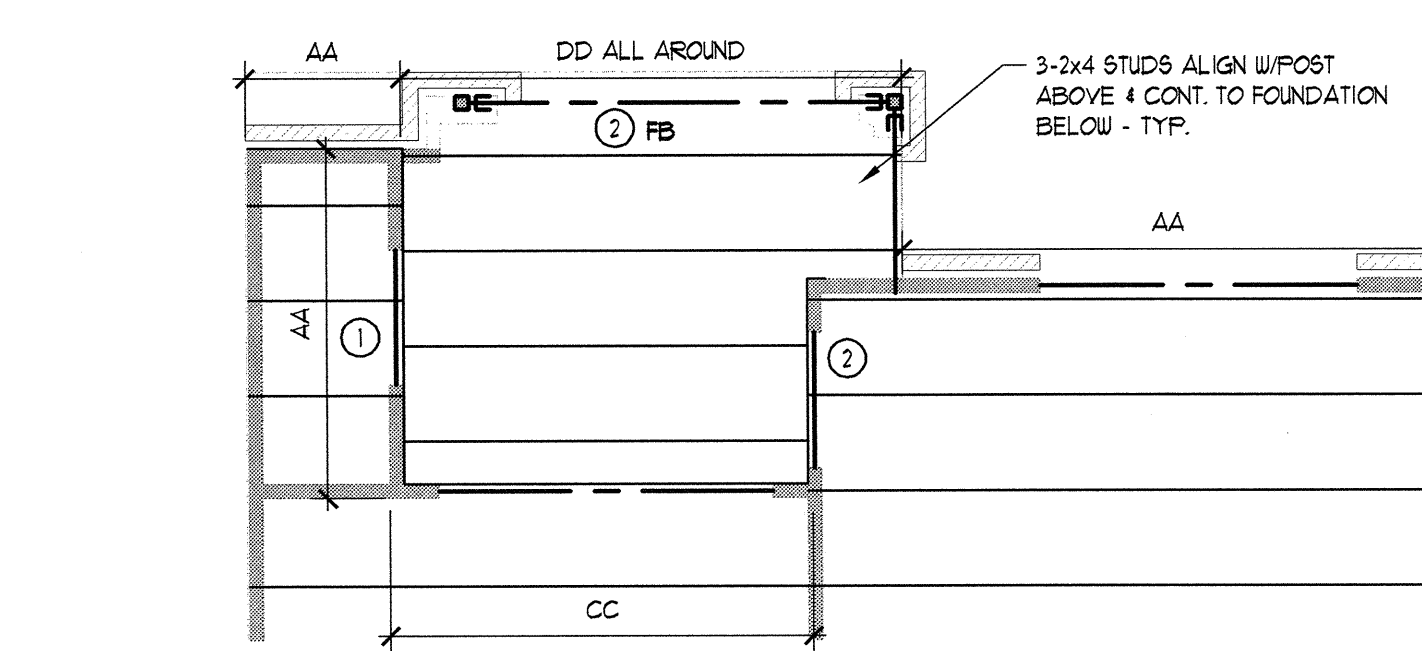
11 A1P UNIT FRAMING PLAN
SCALE: 1/4"=1'-0"

NOTE: SEE 9.93(2) FOR ADDITIONAL INFORMATION.



10 A1K/A3K UNIT FRAMING PLAN
SCALE: 1/4"=1'-0"

NOTE: SEE 9.93(2) FOR ADDITIONAL INFORMATION.



9 A1G UNIT FRAMING PLAN
SCALE: 1/4"=1'-0"

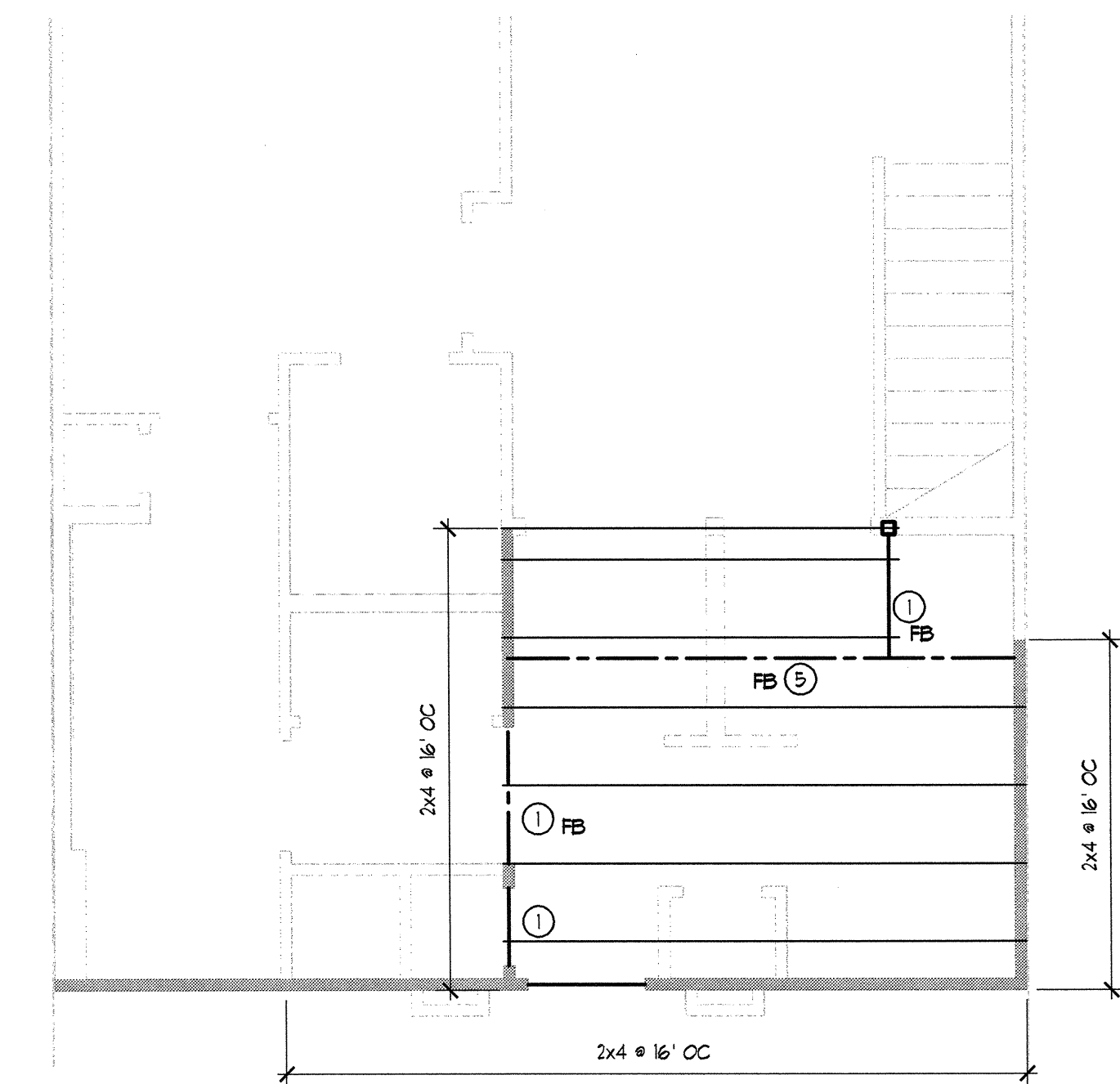
NOTE: SEE 9.93(2) FOR ADDITIONAL INFORMATION.

JAMB / KING STUD SCHEDULE AT WALL OPENINGS
(APPLIES TO ALL WALLS SUPPORTING ROOF AND/OR FLOOR TRUSSES UNO.)

LEVEL	LOCN	UP TO 4'-0" OPENING		UP TO 6'-0" OPENING		UP TO 8'-0" OPENING	
		EXTERIOR	INTERIOR	EXTERIOR	INTERIOR	EXTERIOR	INTERIOR
4th FLOOR - UP TO 10'-4 1/2" FLT	(1)-2x4 JAMB	(1)-2x4 JAMB	(1)-2x4 JAMB	(1)-2x4 JAMB	(1)-2x4 JAMB	(1)-2x4 JAMB	(1)-2x4 JAMB
	(1)-2x4 KING	(1)-2x4 KING	(2)-2x4 KING	(1)-2x4 KING	(2)-2x4 KING	(1)-2x4 KING	(1)-2x4 KING
3rd FLOOR - UP TO 9'-1 1/2" FLT	(1)-2x4 JAMB	(1)-2x4 JAMB	(1)-2x4 JAMB	(1)-2x4 JAMB	(1)-2x4 JAMB	(1)-2x4 JAMB	(1)-2x4 JAMB
	(1)-2x4 KING	(1)-2x4 KING	(2)-2x4 KING	(1)-2x4 KING	(2)-2x4 KING	(1)-2x4 KING	(1)-2x4 KING
2nd FLOOR - UP TO 9'-1 1/2" FLT	(1)-2x4 JAMB	(1)-2x4 JAMB	(1)-2x4 JAMB	(1)-2x4 JAMB	(1)-2x4 JAMB	(1)-2x4 JAMB	(1)-2x4 JAMB
	(1)-2x4 KING	(1)-2x4 KING	(2)-2x4 KING	(1)-2x4 KING	(2)-2x4 KING	(1)-2x4 KING	(1)-2x4 KING
1st FLOOR	UP TO 9'-1 1/2" FLT	(1)-2x4 JAMB	(2)-2x4 JAMB	(1)-2x4 JAMB	(2)-2x4 JAMB	(1)-2x4 JAMB	(2)-2x4 JAMB
		(1)-2x4 KING	(1)-2x4 KING	(2)-2x4 KING	(1)-2x4 KING	(2)-2x4 KING	(2)-2x4 KING
	UP TO 9'-8" FLT	(1)-2x4 JAMB	(2)-2x4 JAMB	(1)-2x4 JAMB	(2)-2x4 JAMB	(1)-2x4 JAMB	(2)-2x4 JAMB
		(1)-2x4 KING	(1)-2x4 KING	(2)-2x4 KING	(1)-2x4 KING	(2)-2x4 KING	(2)-2x4 KING
	UP TO 14'-0" FLT	(1)-2x6 JAMB	(1)-2x6 JAMB	(1)-2x6 JAMB	(1)-2x6 JAMB	(1)-2x6 JAMB	(1)-2x6 JAMB
		(2)-2x6 KING	(1)-2x6 KING	(2)-2x6 KING	(1)-2x6 KING	(2)-2x6 KING	(2)-2x6 KING
BASEMENT - UP TO 9'-1 1/2" FLT (WHERE APPLICABLE)	(1)-2x4 JAMB	(2)-2x4 JAMB	(1)-2x4 JAMB	(2)-2x4 JAMB	(2)-2x4 JAMB	(3)-2x4 JAMB	
	(1)-2x4 KING	(1)-2x4 KING	(2)-2x4 KING	(2)-2x4 KING	(2)-2x4 KING	(2)-2x4 KING	

JAMB / KING STUD SCHEDULE NOTES:
JAMB STUDS MUST ALIGN FLOOR-TO-FLOOR WITH 2x SOLID BLOCKING AT FLOOR CAVITY LOCATIONS. CONTINUE TO PDN OR BEAM SUPPORT BELOW.

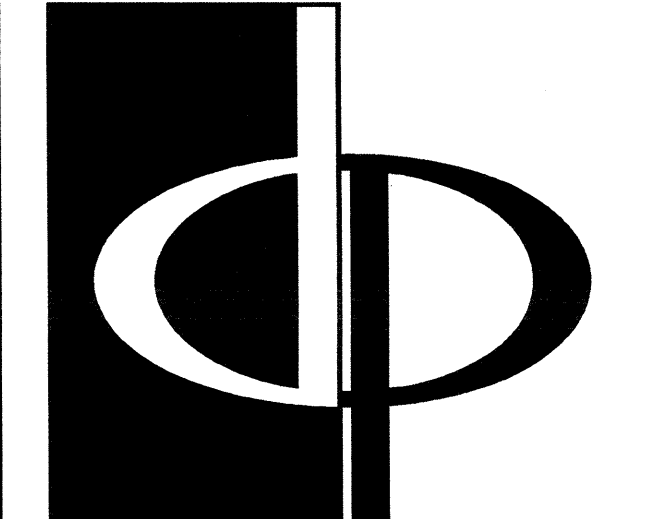
REVISION #12 SUMMARY
A REMOVED STUD DESIGNATION



15 A1 MEZZANINE FRAMING PLAN
SCALE: 1/4"=1'-0"

UNIT FRAMING NOTES:

- BEAM / HEADERS NOT SHOWN ON UNIT FRAMING PLANS ARE GIVEN ON FLOOR FRAMING PLANS.
- SEE FLOOR FRAMING PLANS FOR LOCATION AND ORIENTATION OF UNITS AND SPECIAL UNIT FRAMING CONDITIONS.
- SEE 9.93(1) FOR BEAM / HEADER SCHEDULE 4. ADD'L FLOOR FRAMING NOTES.
- ** DENOTES STUD WALL FRAMING PER SCHEDULE ON THIS SHEET UNO ON THE BUILDING FRAMING PLANS.



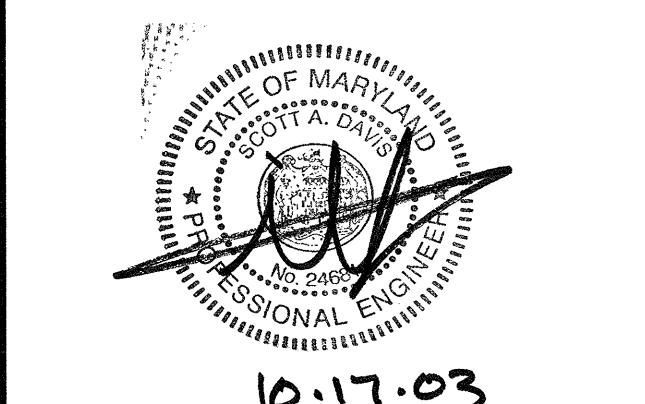
THE PRESTON PARTNERSHIP, LLC
A MULTI-DISCIPLINARY DESIGN FIRM

1000 ABERNATHY ROAD NE, SUITE 600
ATLANTA, GEORGIA 30328
TELEPHONE: 770 396 7248
FAX: 770 396 2945

WWW.THEPRESTONPARTNERSHIP.COM

CONSULTANT

SEAL



PROJECT

ARCHSTONE KENTLANDS
949 QUINCE ORCHARD ROAD
GAITHERSBURG, MARYLAND

FOR

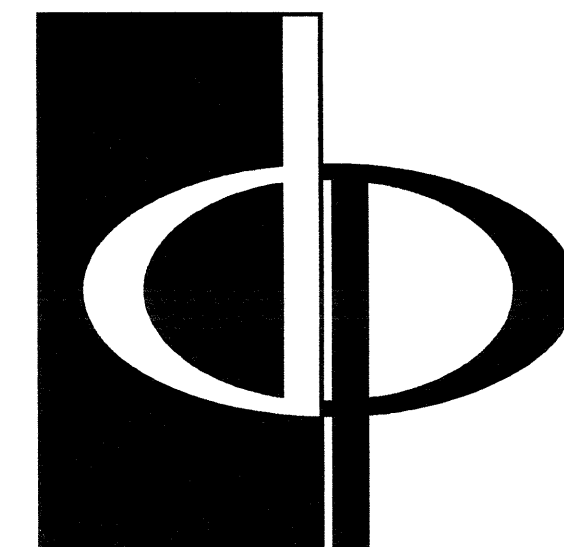
ARCHSTONE COMMUNITIES
6631 OLD DOMINION DRIVE
MCLEAN, VIRGINIA 22101
703-883-3353

REVISIONS	RELEASED FOR CONSTRUCTION	DATE
RELEASED FOR CONSTRUCTION	01/18/03	
TOT POPOFF REVIEW COMMENTS	07/18/03	
CLUB HOUSE DESIGN	09/15/03	
CLUB HOUSE COORD	10/06/03	

DATE: 01/31/03
JOB NUMBER: 0211103
DRAWN BY: JREJR
CHECKED BY: K1
DRAWING TITLE: UNIT FRAMING PLANS A1A2 & A3 UNIT TYPES

DRAWING NUMBER: S-3.01

COMMENTS:



THE PRESTON PARTNERSHIP, LLC
A MULTI-DISCIPLINARY DESIGN FIRM

1000 ABERNATHY ROAD NE, SUITE 600
ATLANTA, GEORGIA 30328
TELEPHONE: 770 396 7248
FAX: 770 396 2945

WWW.THEPRESTONPARTNERSHIP.COM

CONSULTANT

SEAL



10.17.03

PROJECT

ARCHSTONE
KENTLANDS

949 QUINCE ORCHARD ROAD
GAITHERSBURG, MARYLAND

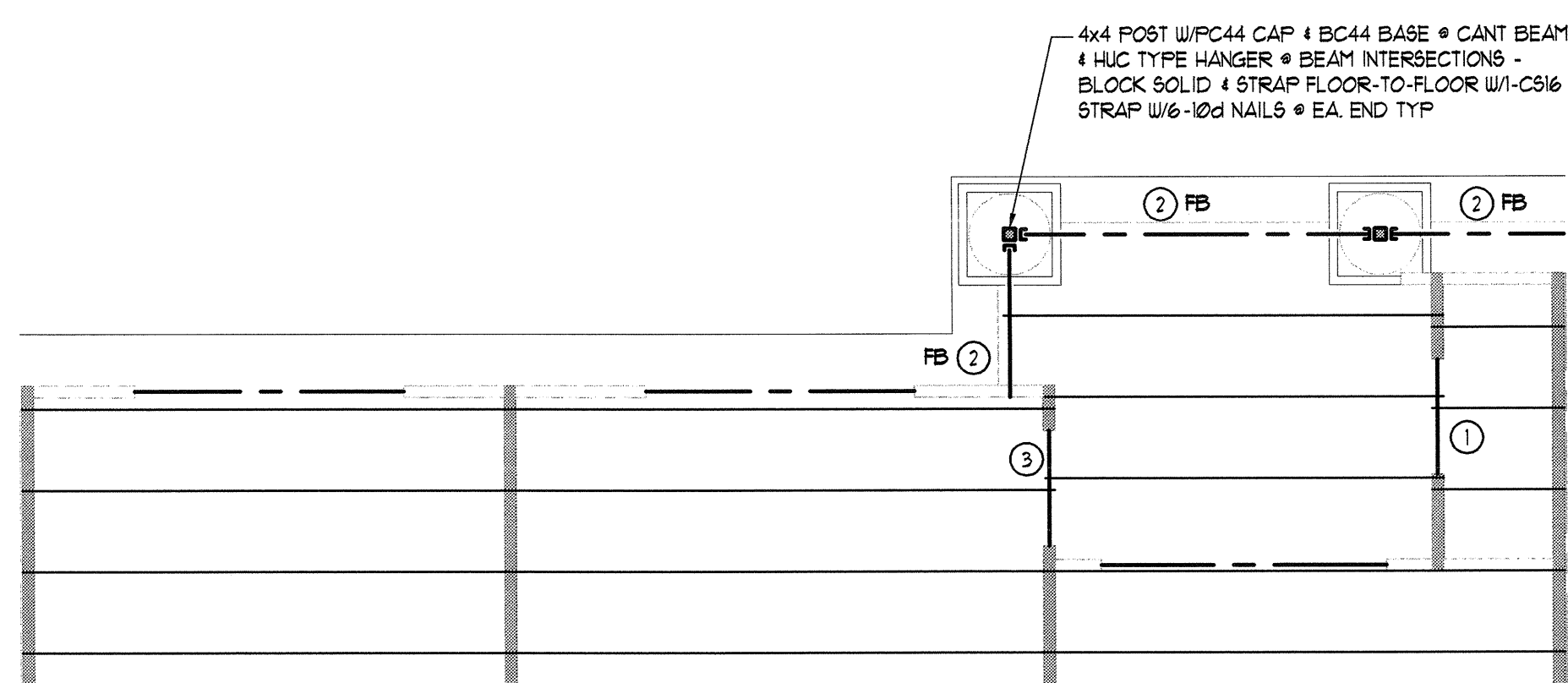
FOR

ARCHSTONE
COMMUNITIES
6631 OLD DOMINION DRIVE
MCLEAN, VIRGINIA 22101
703-883-3353

REVISION #1 SUMMARY
A. REMOVED LOAD BEARING POST
B. REVISED FRAMING/ADDED/REMOVED BEAMS
C. ADDED NOTE

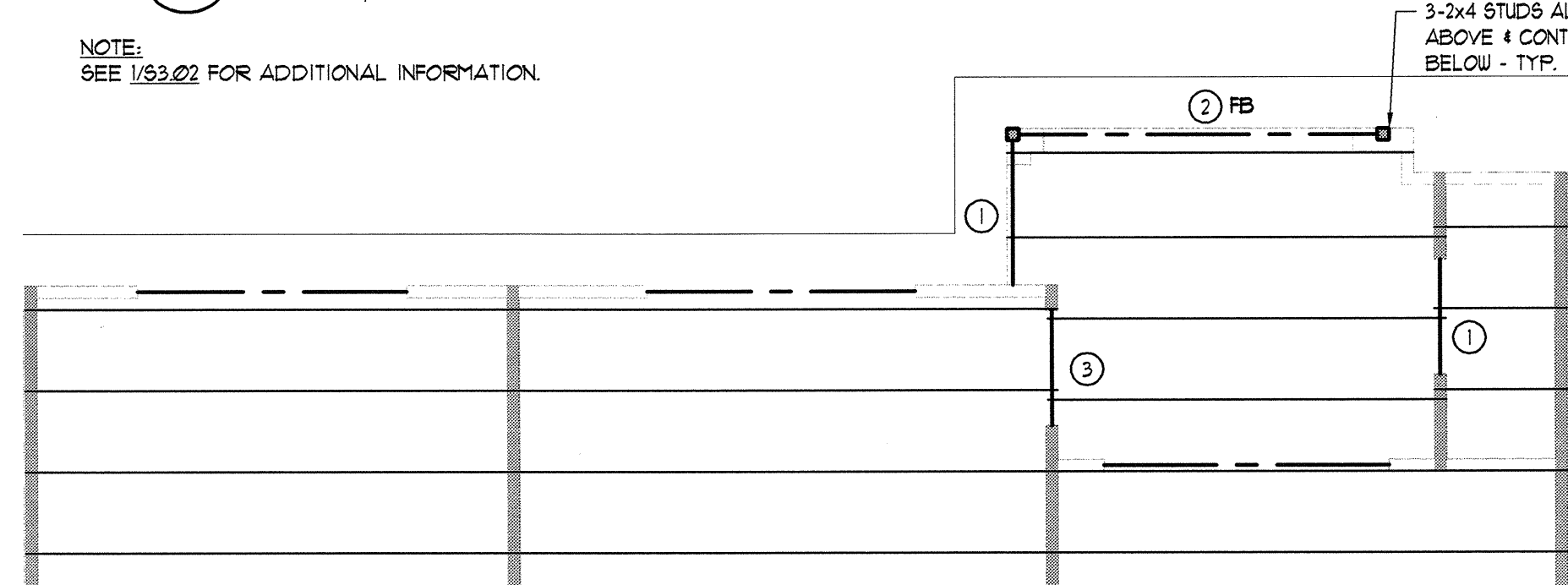
REVISIONS
RELEASED FOR CONSTRUCTION 07/18/03
TOM POPOFF REVIEW COMMENTS 07/18/03
CLUB HOUSE DESIGN 09/15/03

DATE 01/31/03
JOB NUMBER 021108
DRAWN BY JRE/JR
CHECKED BY JRE/JR
DRAWING TITLE UNIT FRAMING PLANS BI UNIT TYPES
DRAWING NUMBER S-3.02
COMMENTS



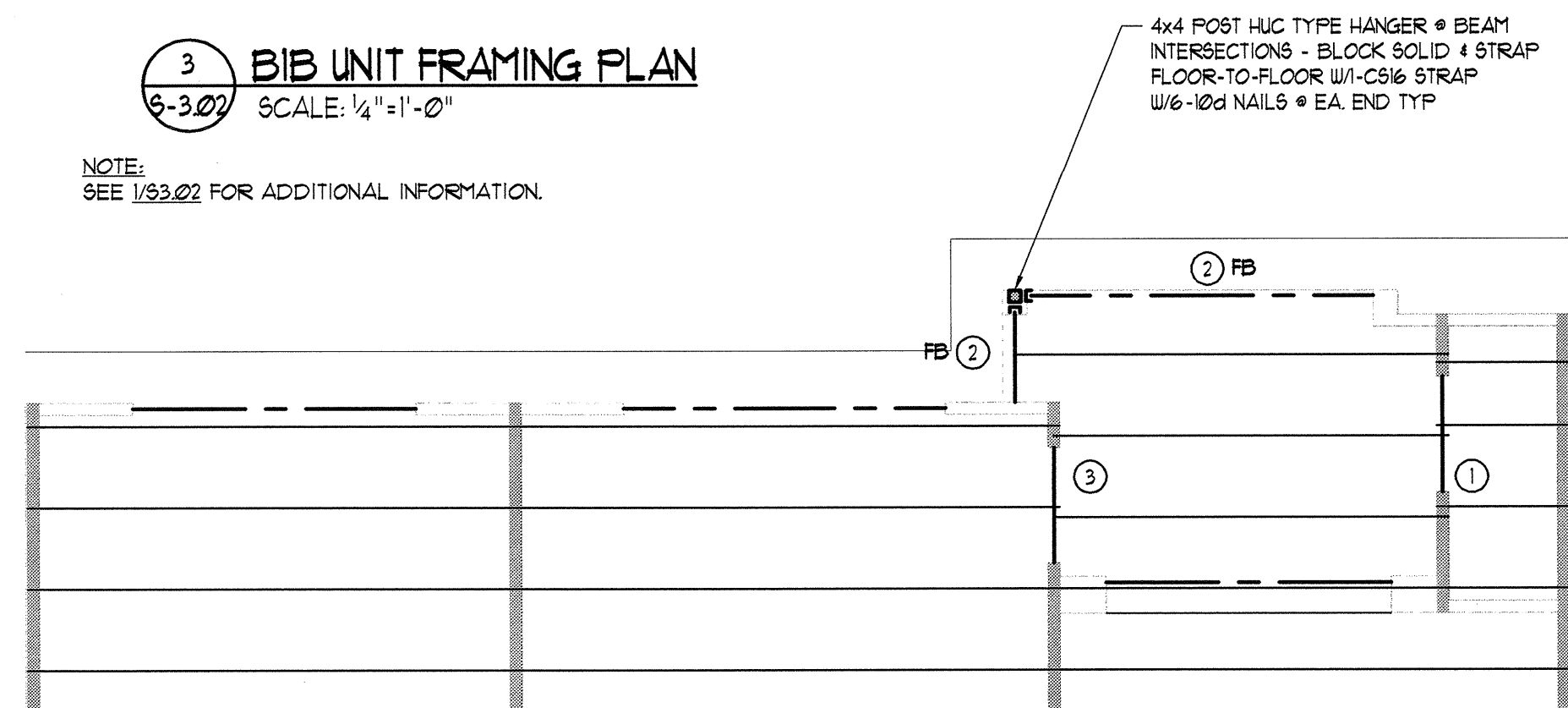
4 BIC UNIT FRAMING PLAN
SCALE: 1/4"=1'-0"

NOTE:
SEE 1/53.02 FOR ADDITIONAL INFORMATION.



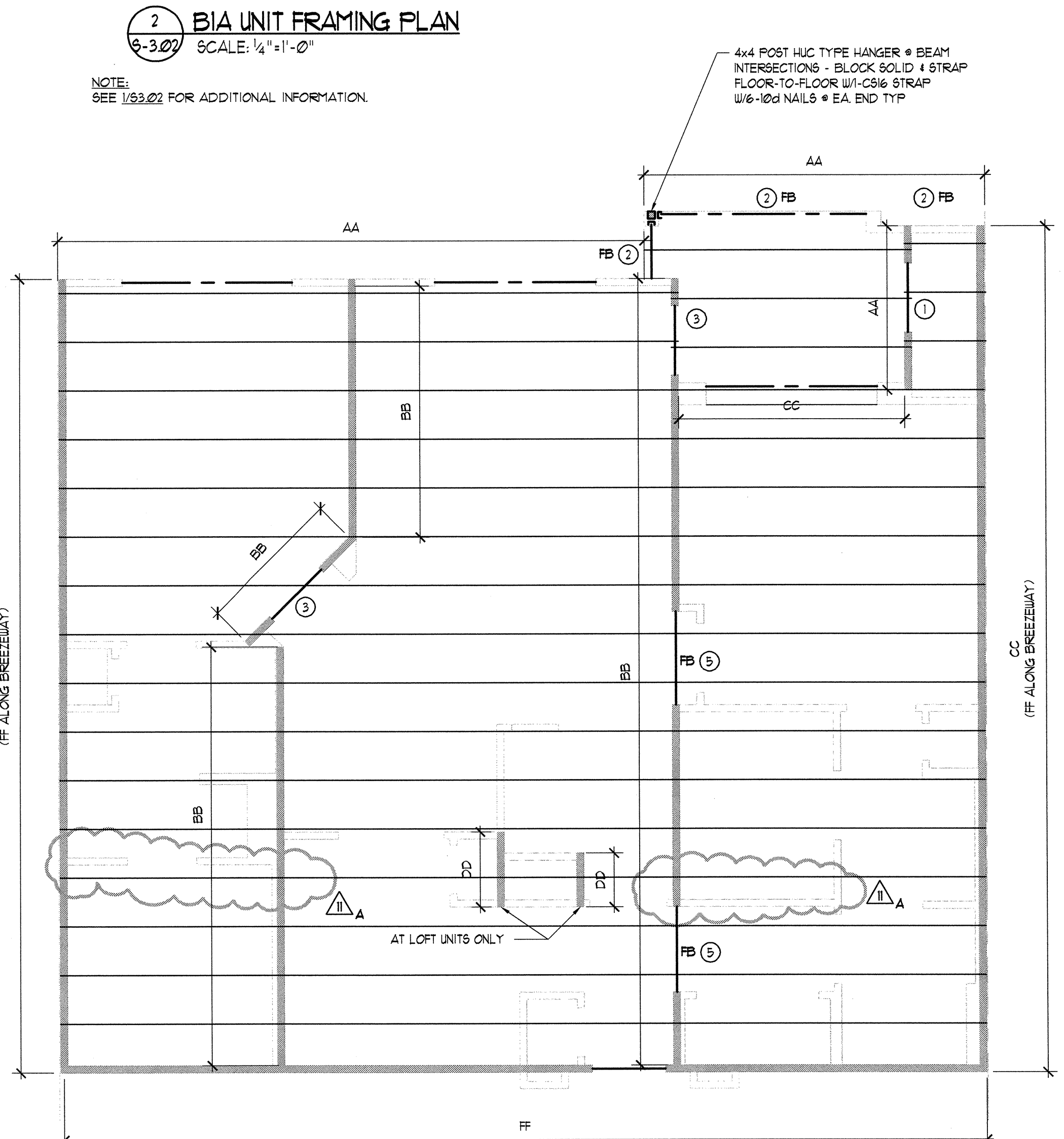
3 BIB UNIT FRAMING PLAN
SCALE: 1/4"=1'-0"

NOTE:
SEE 1/53.02 FOR ADDITIONAL INFORMATION.

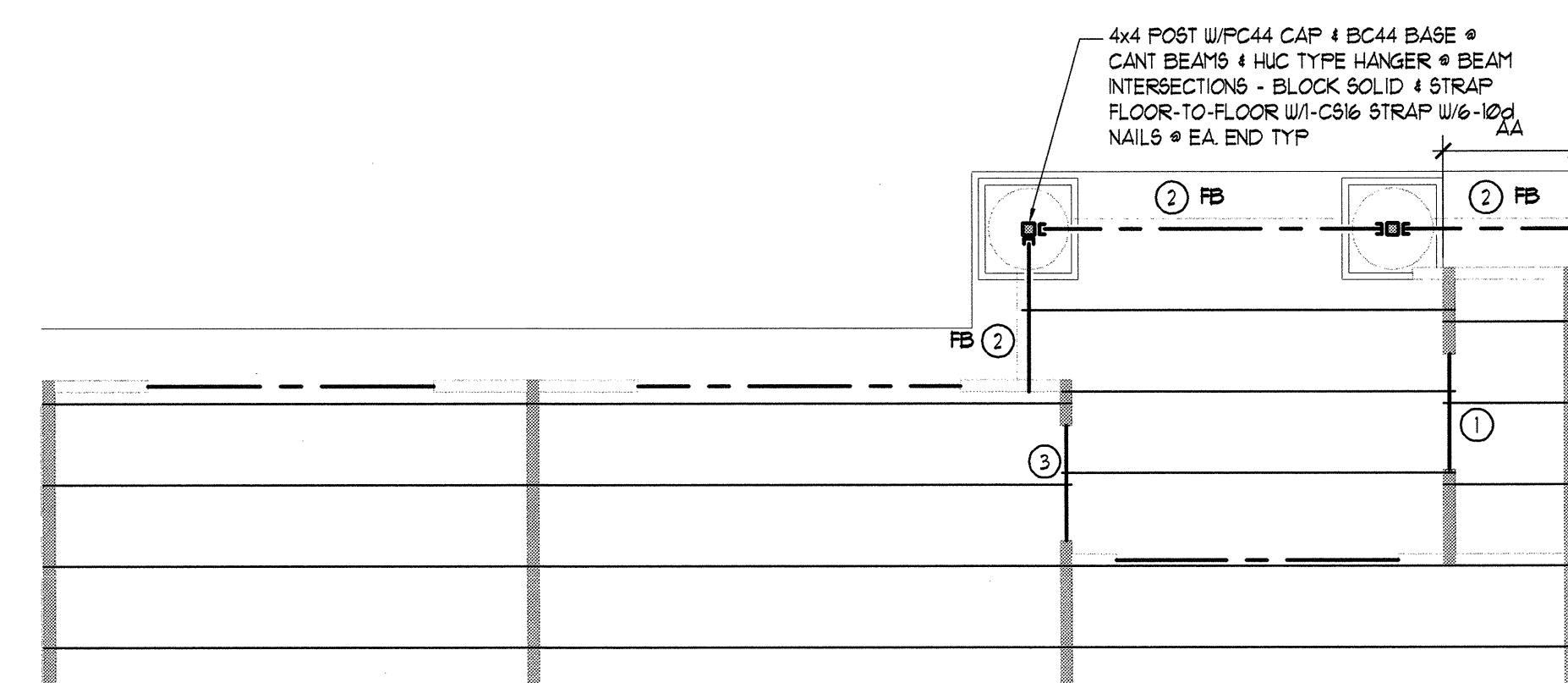


2 BIA UNIT FRAMING PLAN
SCALE: 1/4"=1'-0"

NOTE:
SEE 1/53.02 FOR ADDITIONAL INFORMATION.

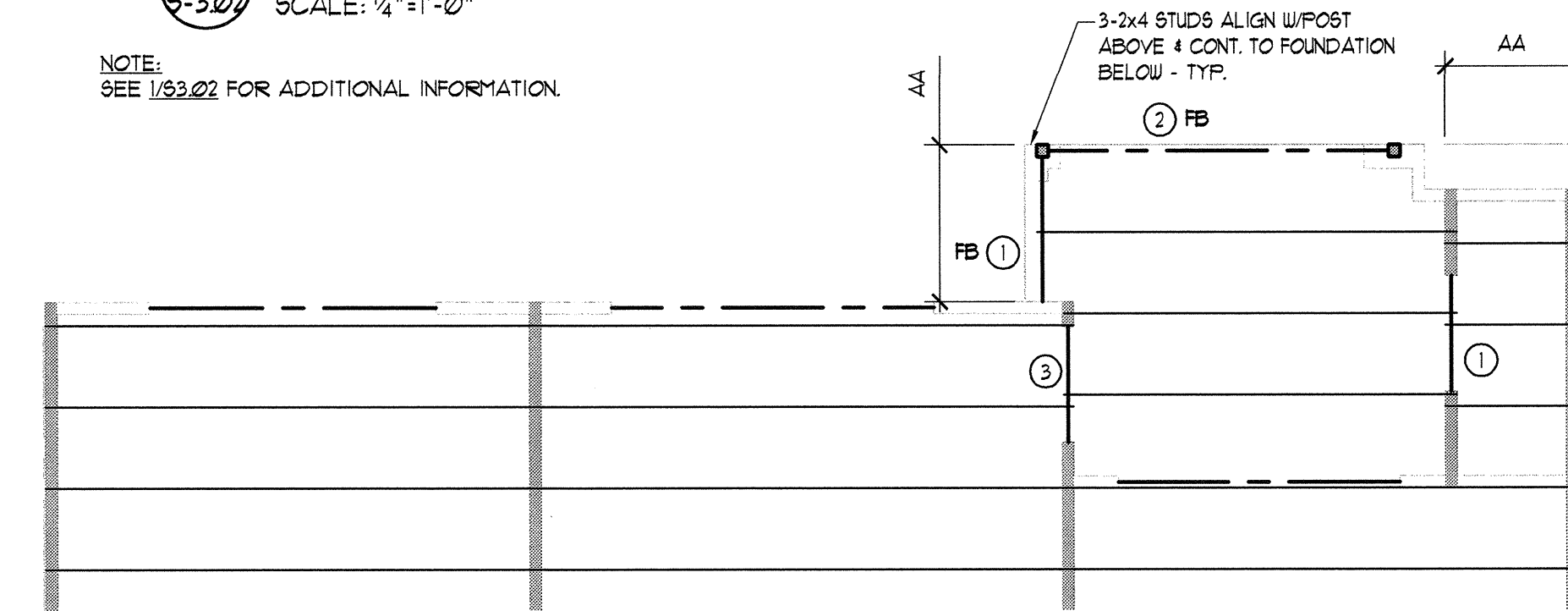


1 BI UNIT FRAMING PLAN
SCALE: 1/4"=1'-0"



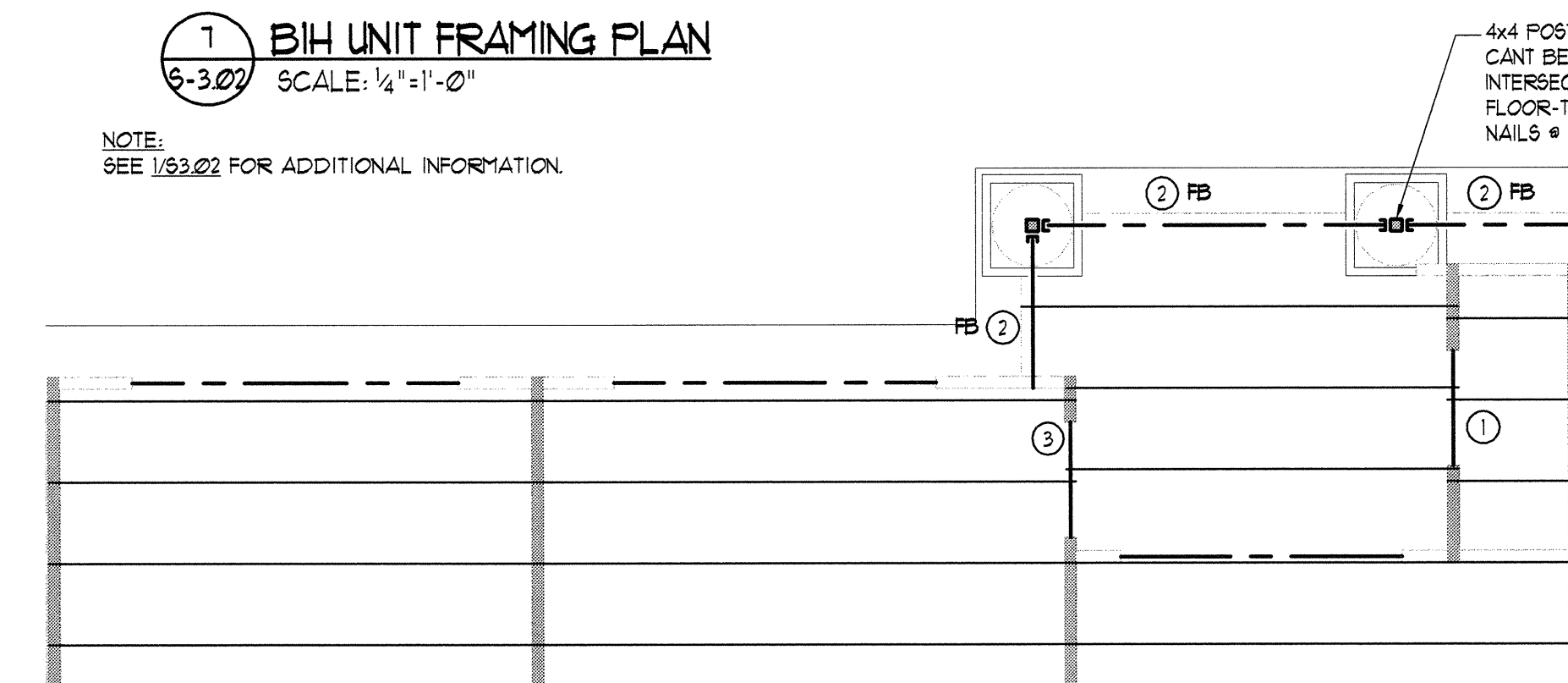
8 BIJ UNIT FRAMING PLAN
SCALE: 1/4"=1'-0"

NOTE:
SEE 1/53.02 FOR ADDITIONAL INFORMATION.



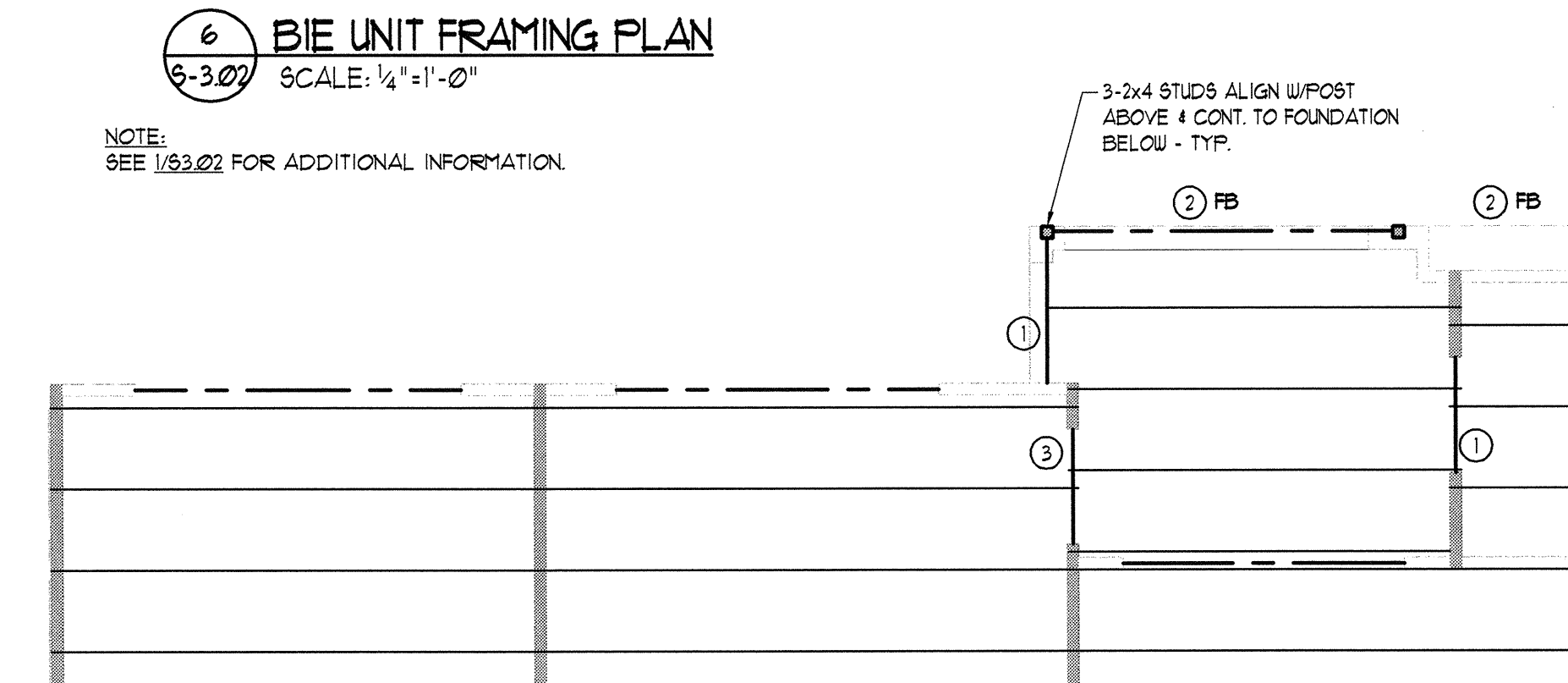
7 BIH UNIT FRAMING PLAN
SCALE: 1/4"=1'-0"

NOTE:
SEE 1/53.02 FOR ADDITIONAL INFORMATION.



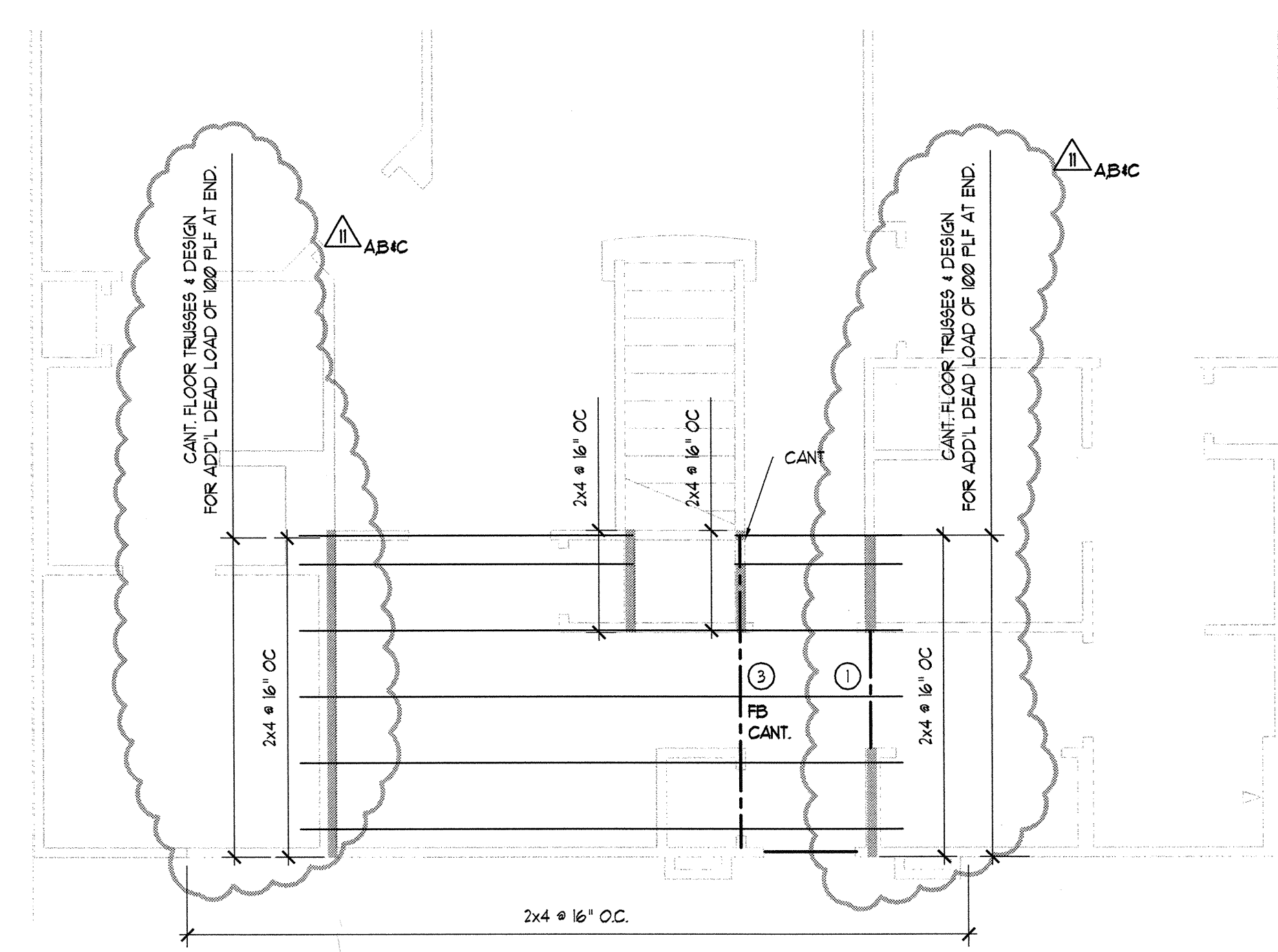
6 BIE UNIT FRAMING PLAN
SCALE: 1/4"=1'-0"

NOTE:
SEE 1/53.02 FOR ADDITIONAL INFORMATION.



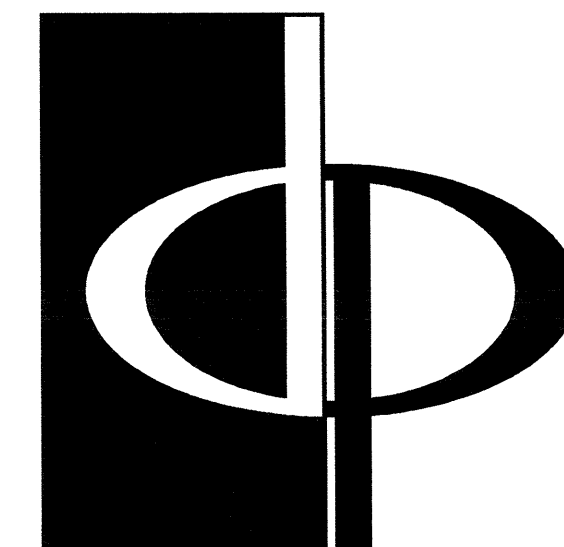
5 BID UNIT FRAMING PLAN
SCALE: 1/4"=1'-0"

NOTE:
SEE 1/53.02 FOR ADDITIONAL INFORMATION.



9 BI MEZZANINE FRAMING PLAN
SCALE: 1/4"=1'-0"

NOTE:
SEE 5-3.01 FOR UNIT FRAMING NOTES.



THE PRESTON PARTNERSHIP, LLC
A MULTI-DISCIPLINARY DESIGN FIRM

1000 ABERNATHY ROAD NE, SUITE 600
ATLANTA, GEORGIA 30328
TELEPHONE: 770 396 7248
FAX: 770 396 2945

WWW.THEPRESTONPARTNERSHIP.COM

CONSULTANT

SEAL



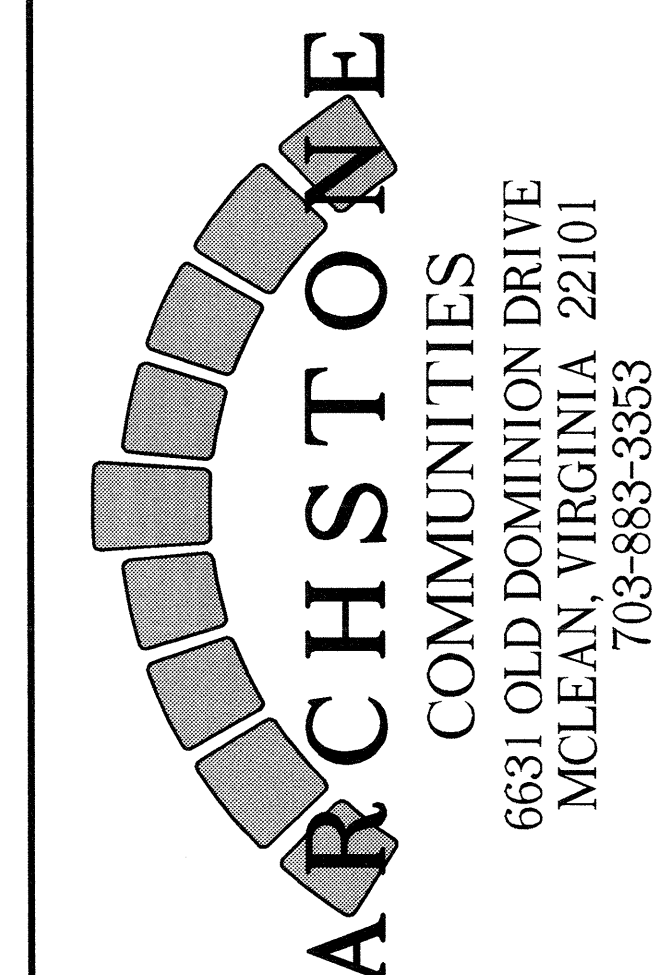
10.17.03

PROJECT

ARCHSTONE
KENTLANDS

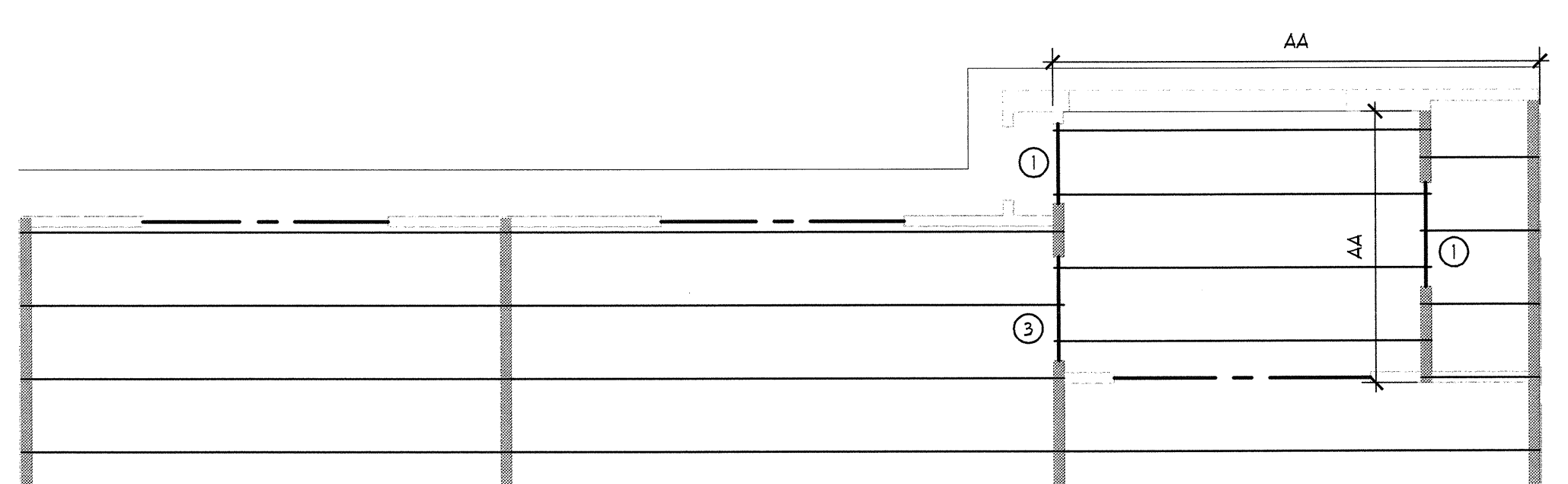
949 QUINCE ORCHARD ROAD
GAITHERSBURG, MARYLAND

FOR



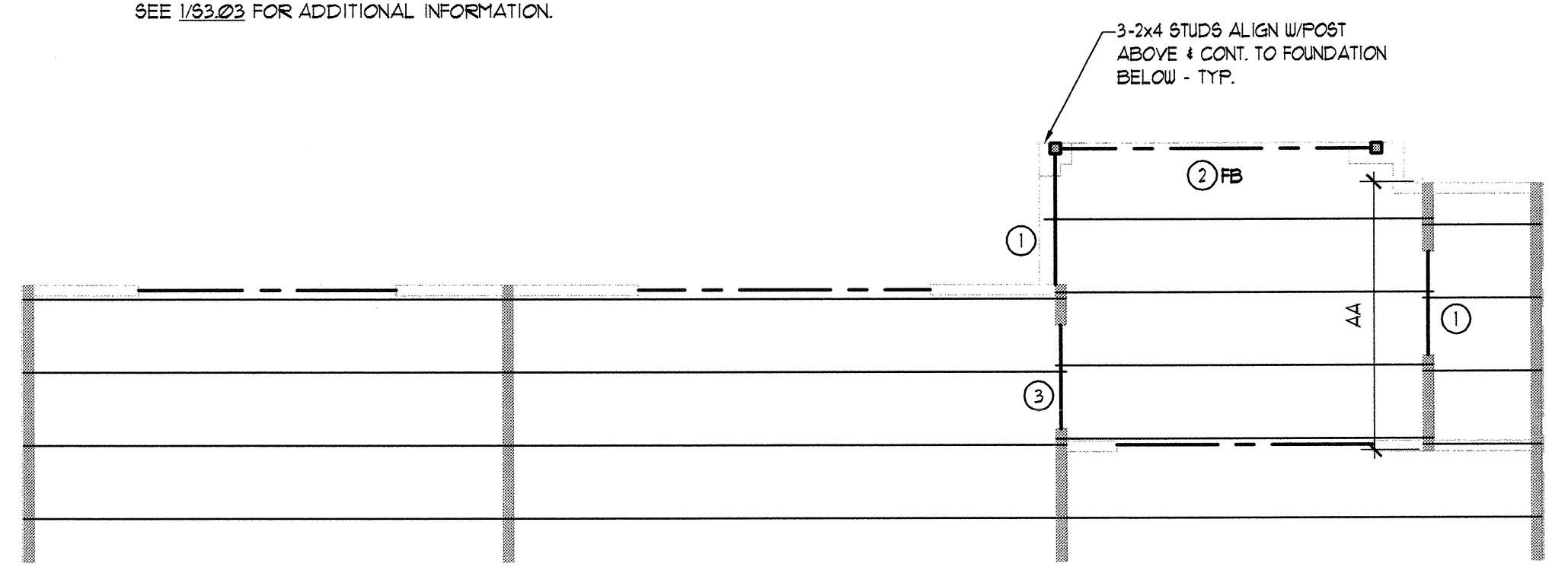
REVISION #11 SUMMARY

- A. REMOVED LOAD BEARING POST
- B. REMOVED NOTE
- C. REMOVED BM 4 FB
- D. REVISED FRAMING



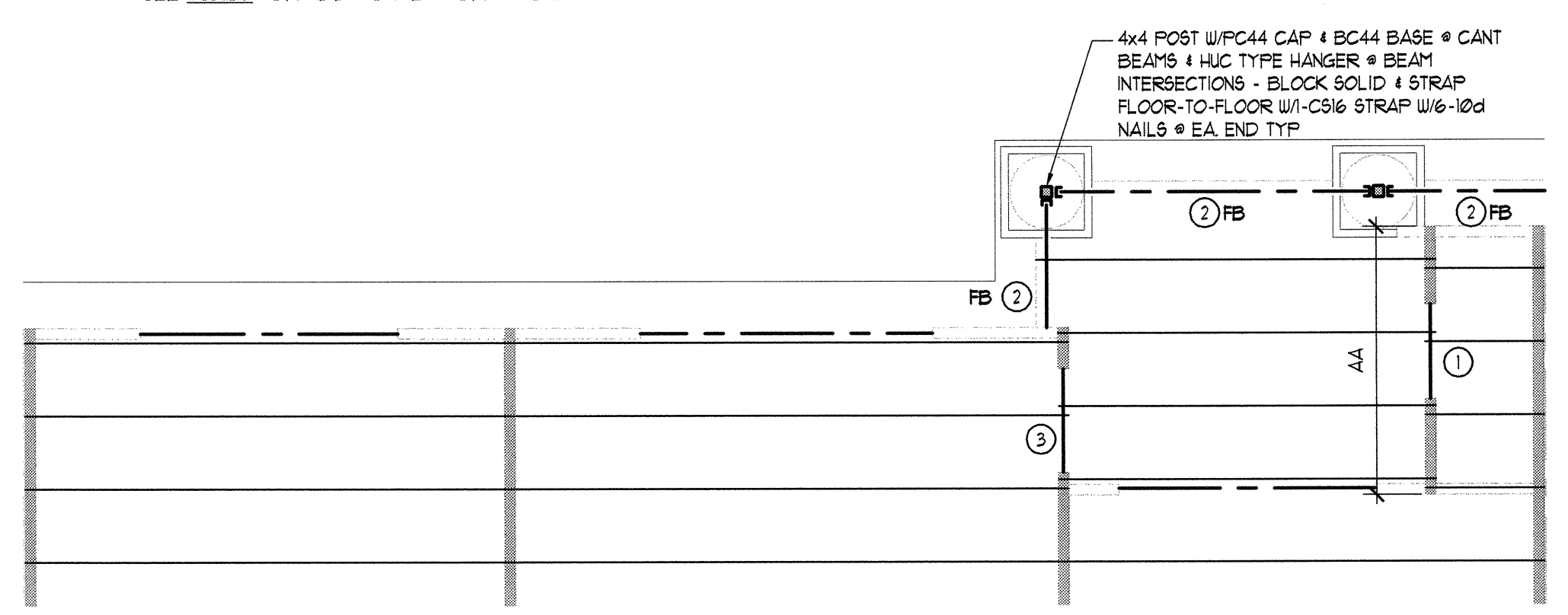
4 B2C UNIT FRAMING PLAN
SCALE: 1/4"=1'-0"

NOTE:
SEE 1/8.3.03 FOR ADDITIONAL INFORMATION.



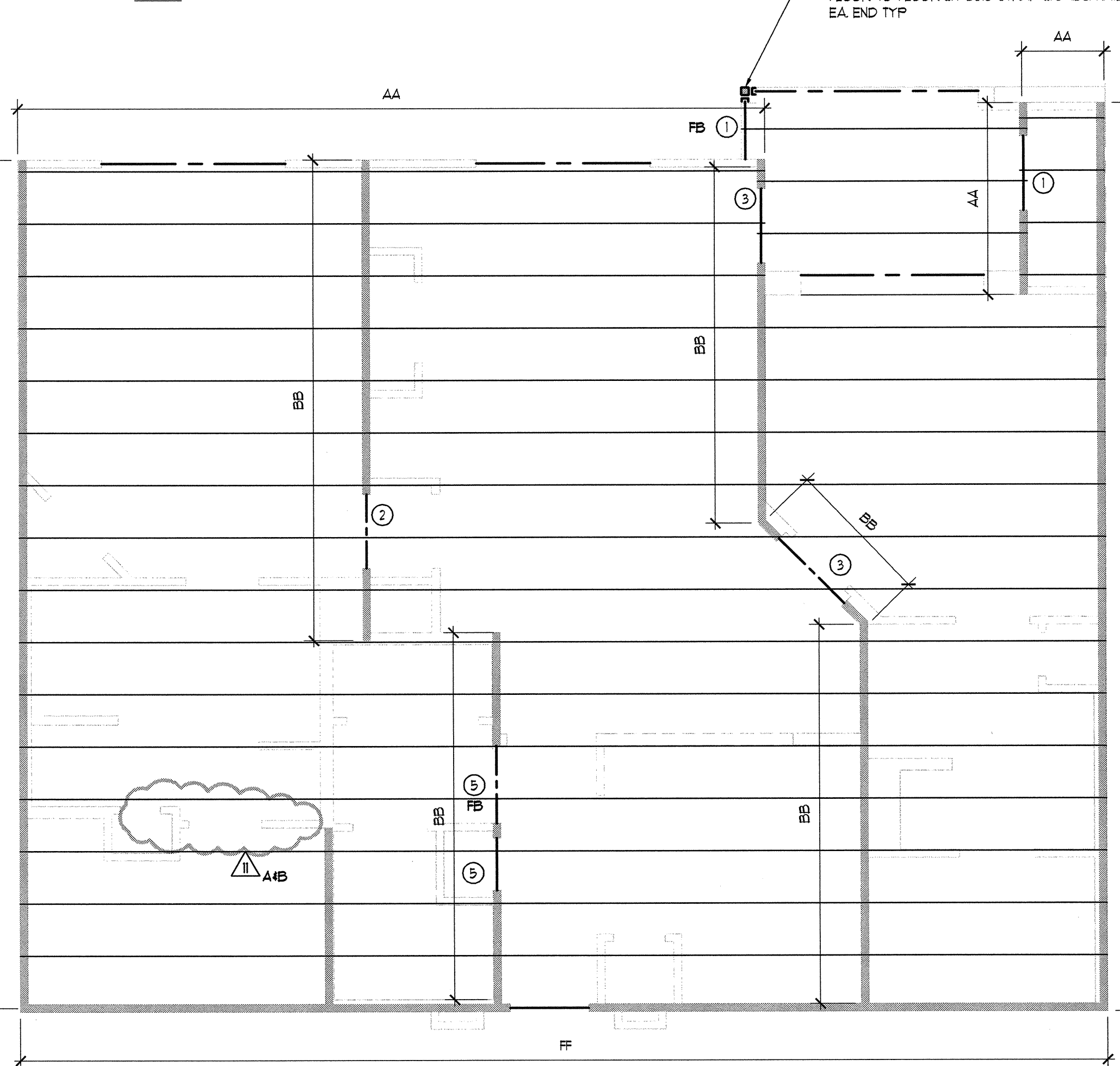
3 B2B UNIT FRAMING PLAN
SCALE: 1/4"=1'-0"

NOTE:
SEE 1/8.3.03 FOR ADDITIONAL INFORMATION.



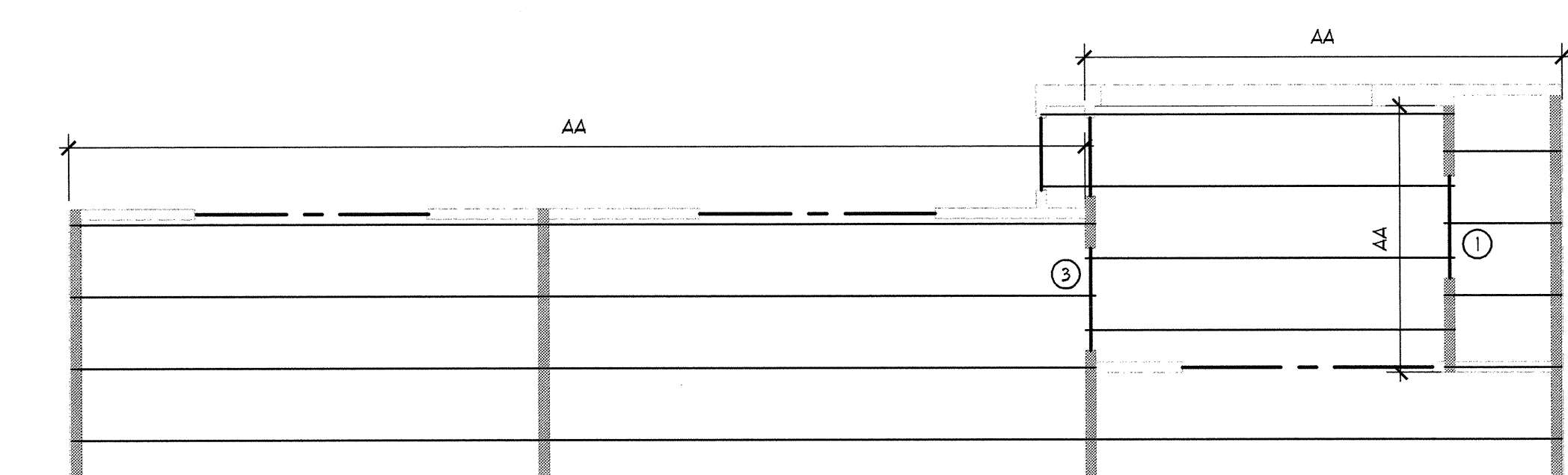
2 B2A UNIT FRAMING PLAN
SCALE: 1/4"=1'-0"

NOTE:
SEE 1/8.3.03 FOR ADDITIONAL INFORMATION.



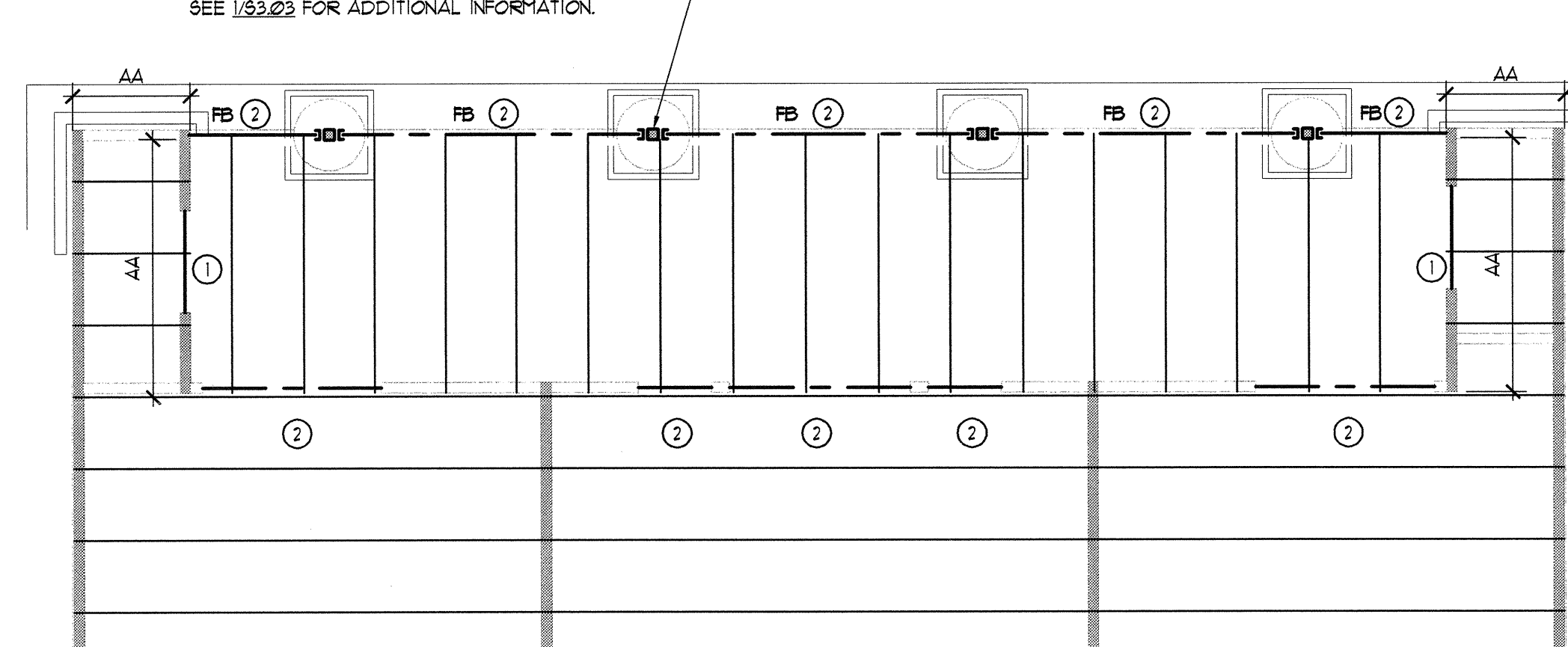
1 B2 UNIT FRAMING PLAN
SCALE: 1/4"=1'-0"

NOTE:
SEE 1/8.3.03 FOR ADDITIONAL INFORMATION.



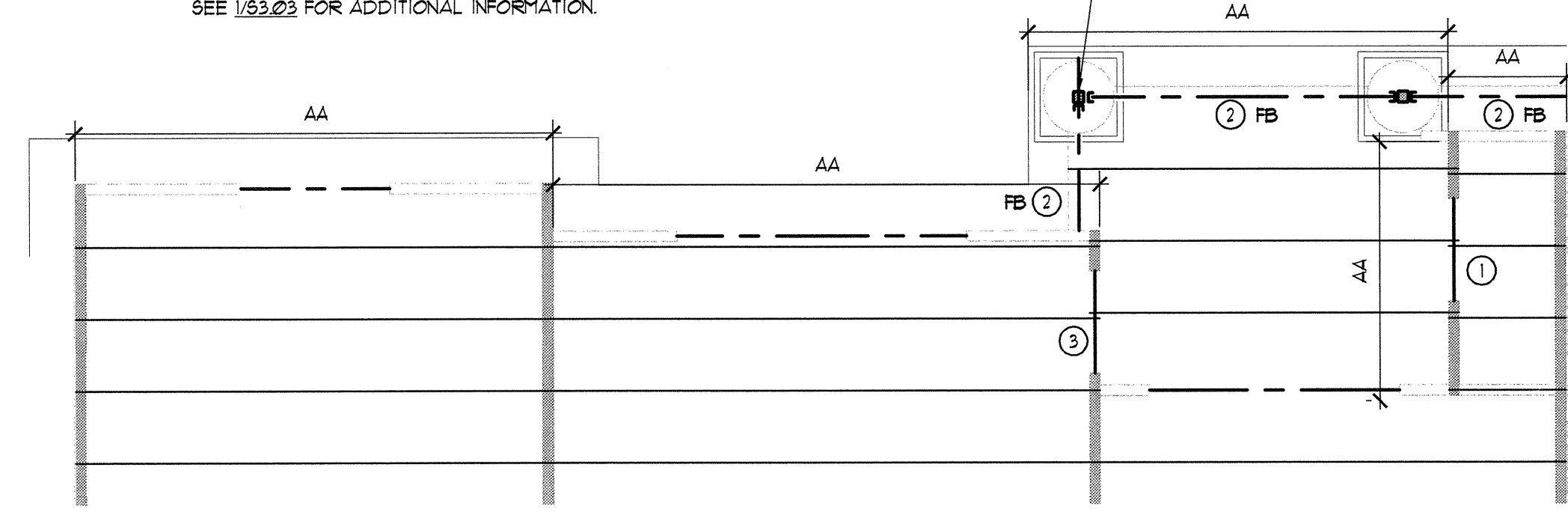
9 B2J UNIT FRAMING PLAN
SCALE: 1/4"=1'-0"

NOTE:
SEE 1/8.3.03 FOR ADDITIONAL INFORMATION.



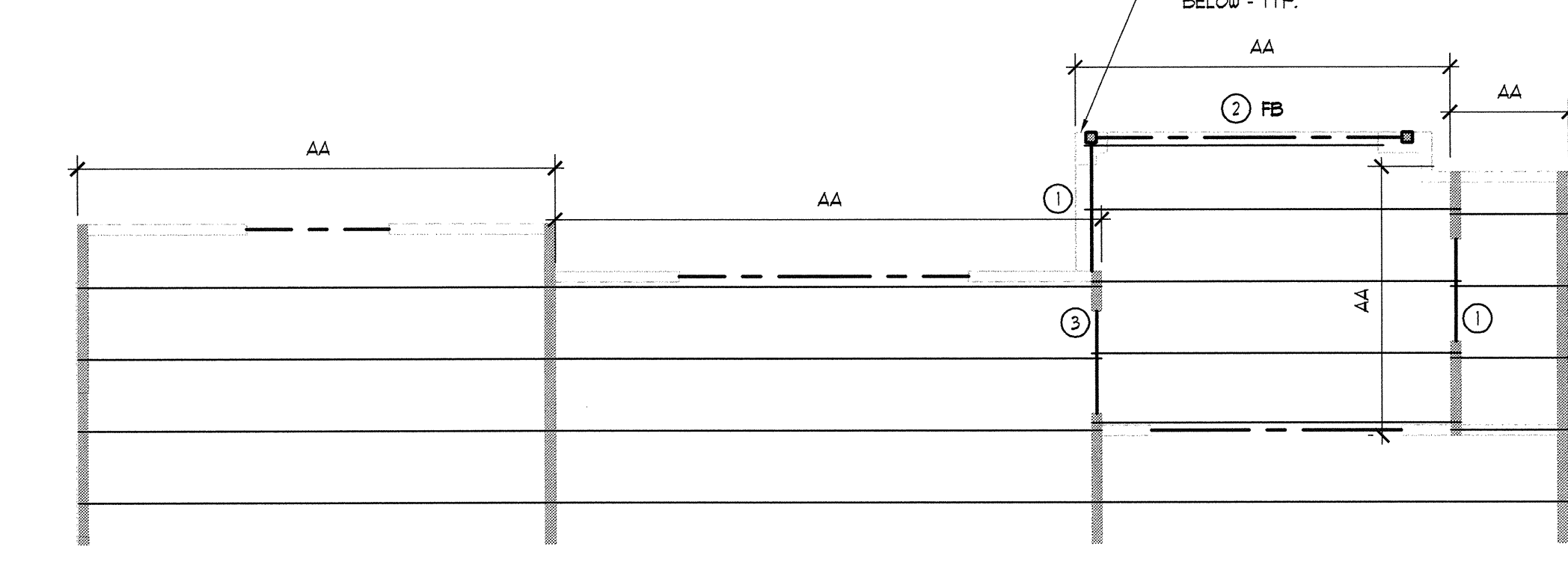
8 B2G UNIT FRAMING PLAN
SCALE: 1/4"=1'-0"

NOTE:
SEE 1/8.3.03 FOR ADDITIONAL INFORMATION.



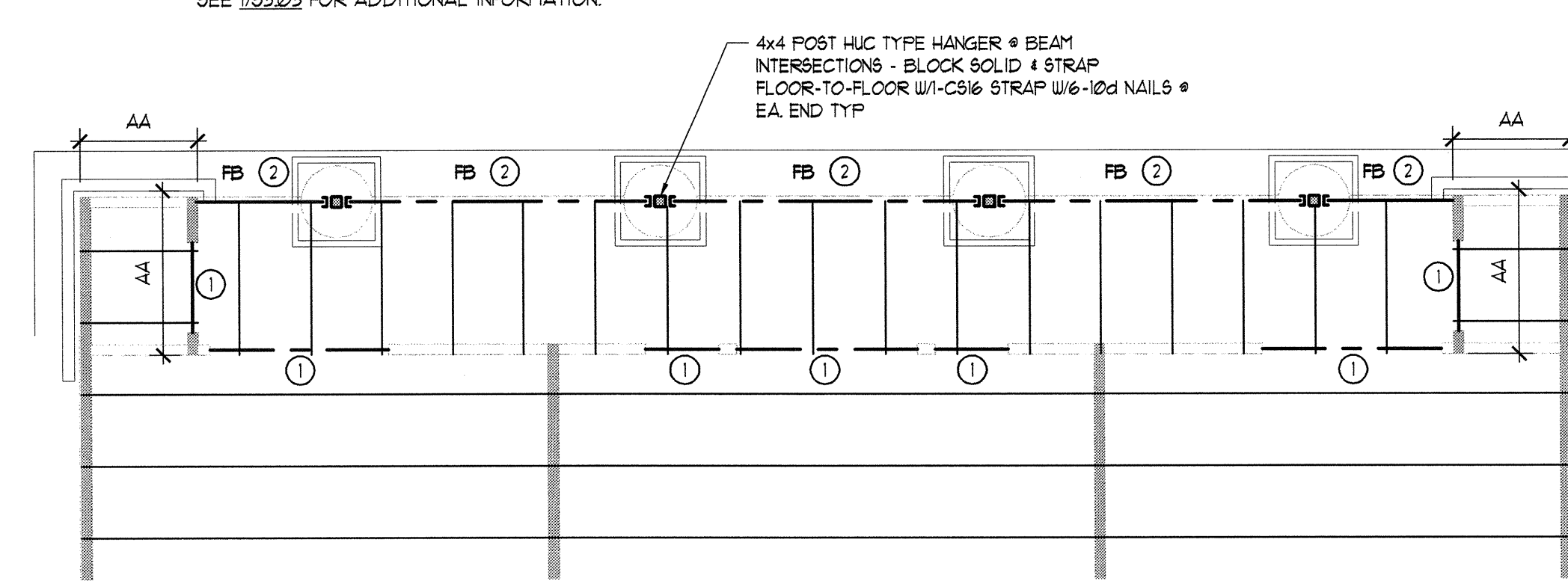
7 B2F UNIT FRAMING PLAN
SCALE: 1/4"=1'-0"

NOTE:
SEE 1/8.3.03 FOR ADDITIONAL INFORMATION.



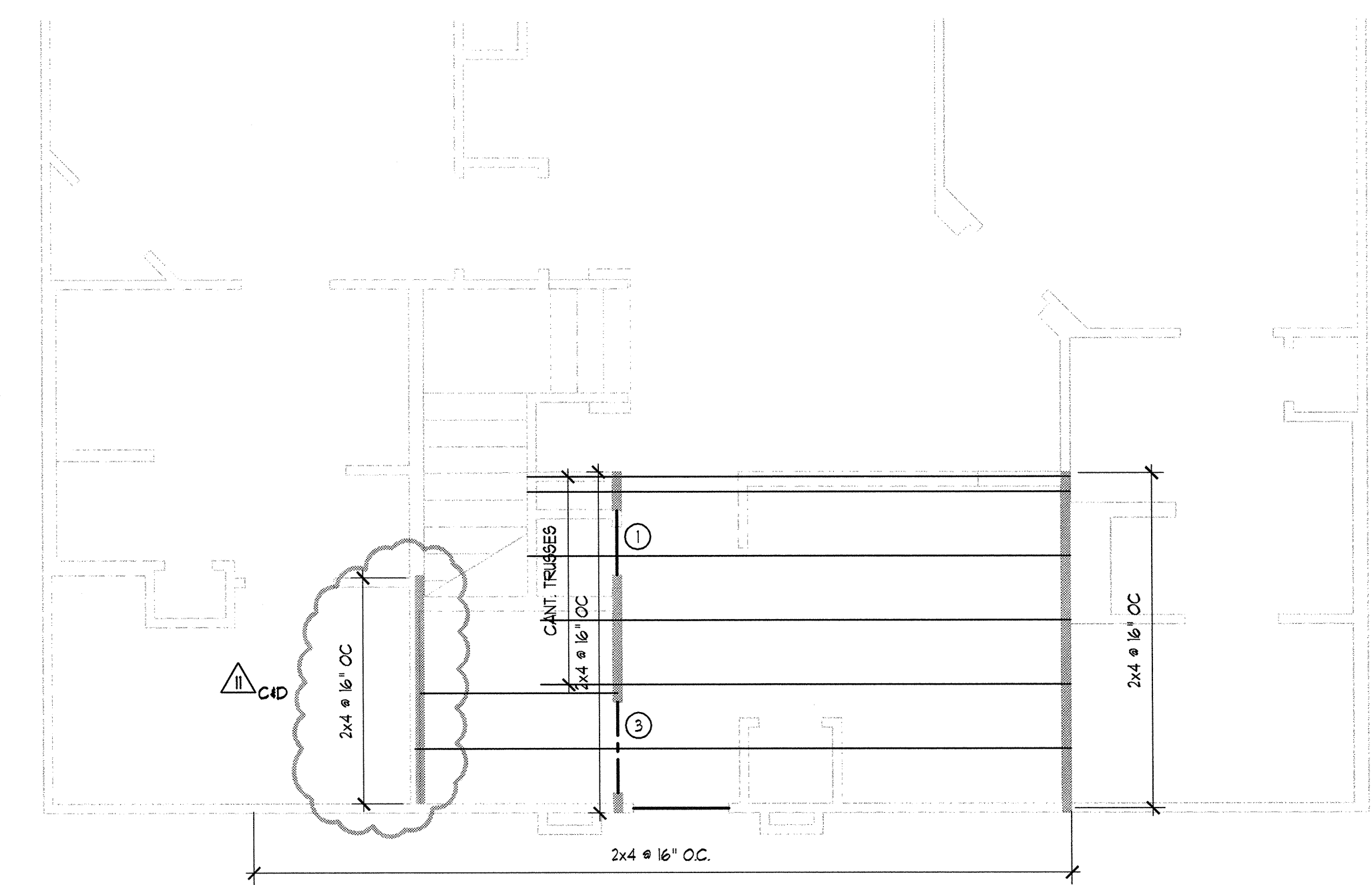
6 B2E UNIT FRAMING PLAN
SCALE: 1/4"=1'-0"

NOTE:
SEE 1/8.3.03 FOR ADDITIONAL INFORMATION.



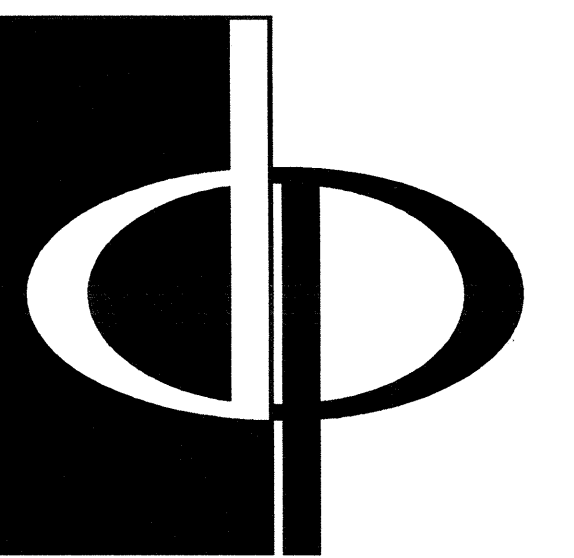
5 B2D UNIT FRAMING PLAN
SCALE: 1/4"=1'-0"

NOTE:
SEE 1/8.3.03 FOR ADDITIONAL INFORMATION.



10 B2 MEZZANINE FRAMING PLAN
SCALE: 1/4"=1'-0"

NOTE:
SEE 8-3.01 FOR UNIT FRAMING NOTES.



THE PRESTON PARTNERSHIP, LLC
A MULTI-DISCIPLINARY DESIGN FIRM

1000 ABERNATHY ROAD NE, SUITE 600
ATLANTA, GEORGIA 30328
TELEPHONE: 770 396 7248
FAX: 770 396 2945

WWW.THEPRESTONPARTNERSHIP.COM

CONSULTANT

SEAL



10-17-03

PROJECT

ARCHSTONE
KENTLANDS
945 GUNGE ORCHARD ROAD
GATHERSBURG, MARYLAND

FOR

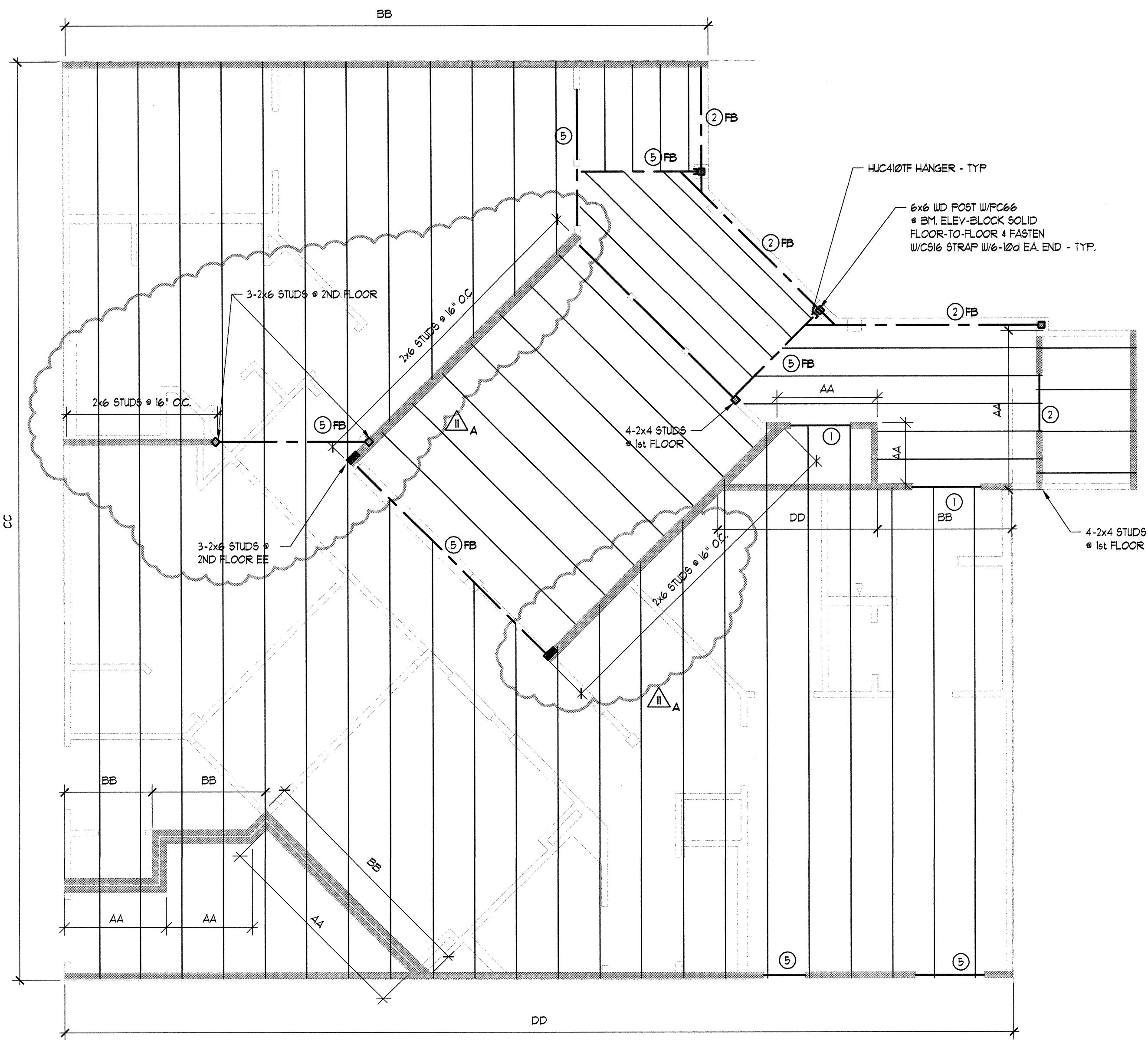
ARCHSTONE
COMMUNITIES
6631 OLD DOMINION DRIVE
MCLEAN, VIRGINIA 22101
703-883-3353

REVISIONS		
RELEASED FOR CONSTRUCTION	07/18/03	
▲ TOM POPOFF REVIEW COMMENTS	07/18/03	
▲ CLUB HOUSE DESIGN	09/15/03	

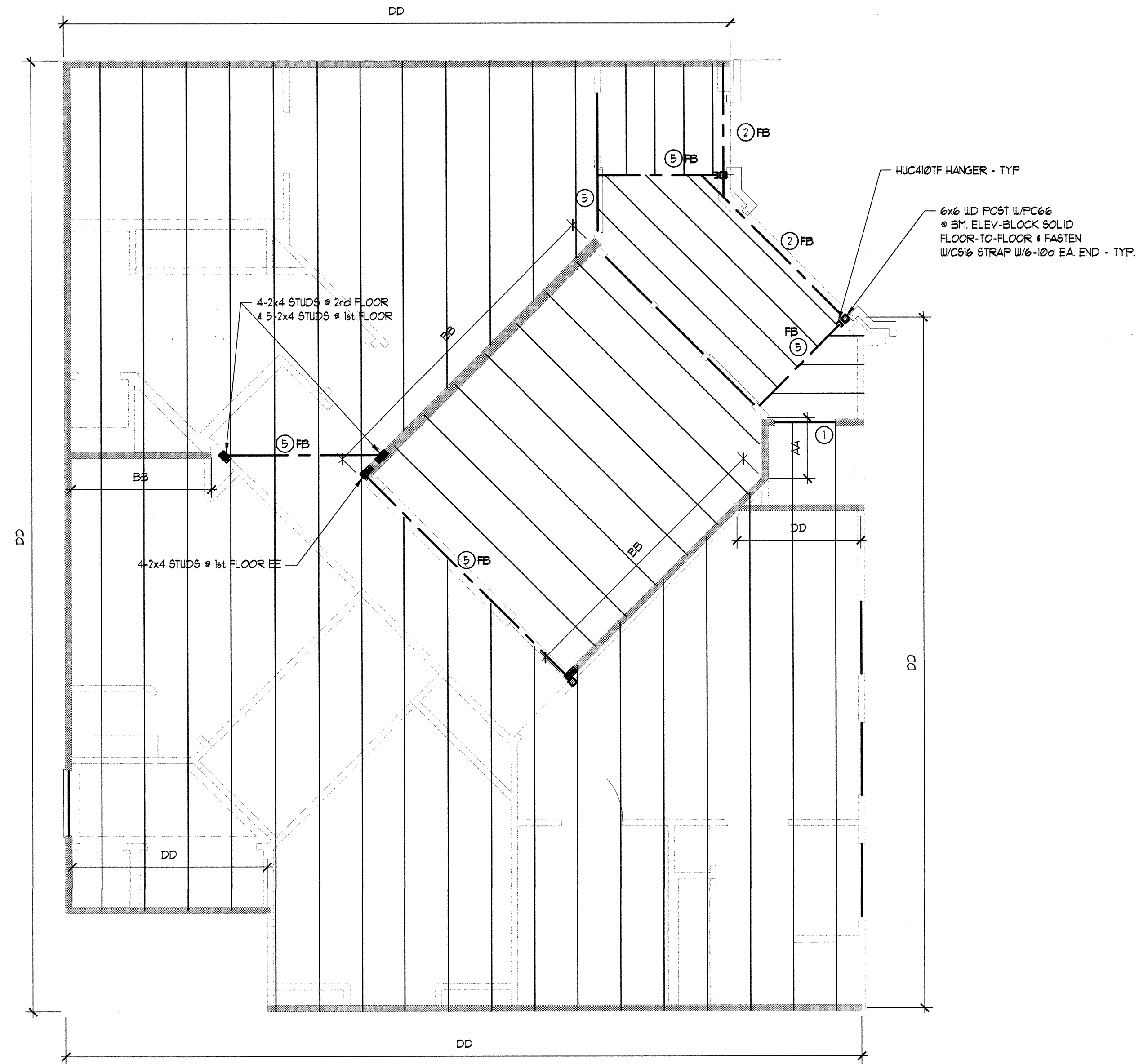
DATE _____
JOB NUMBER _____
DRAWN BY _____
CHECKED BY _____
DRAWING TITLE _____

UNIT FRAMING PLANS
B3 & B4 UNIT TYPE 6

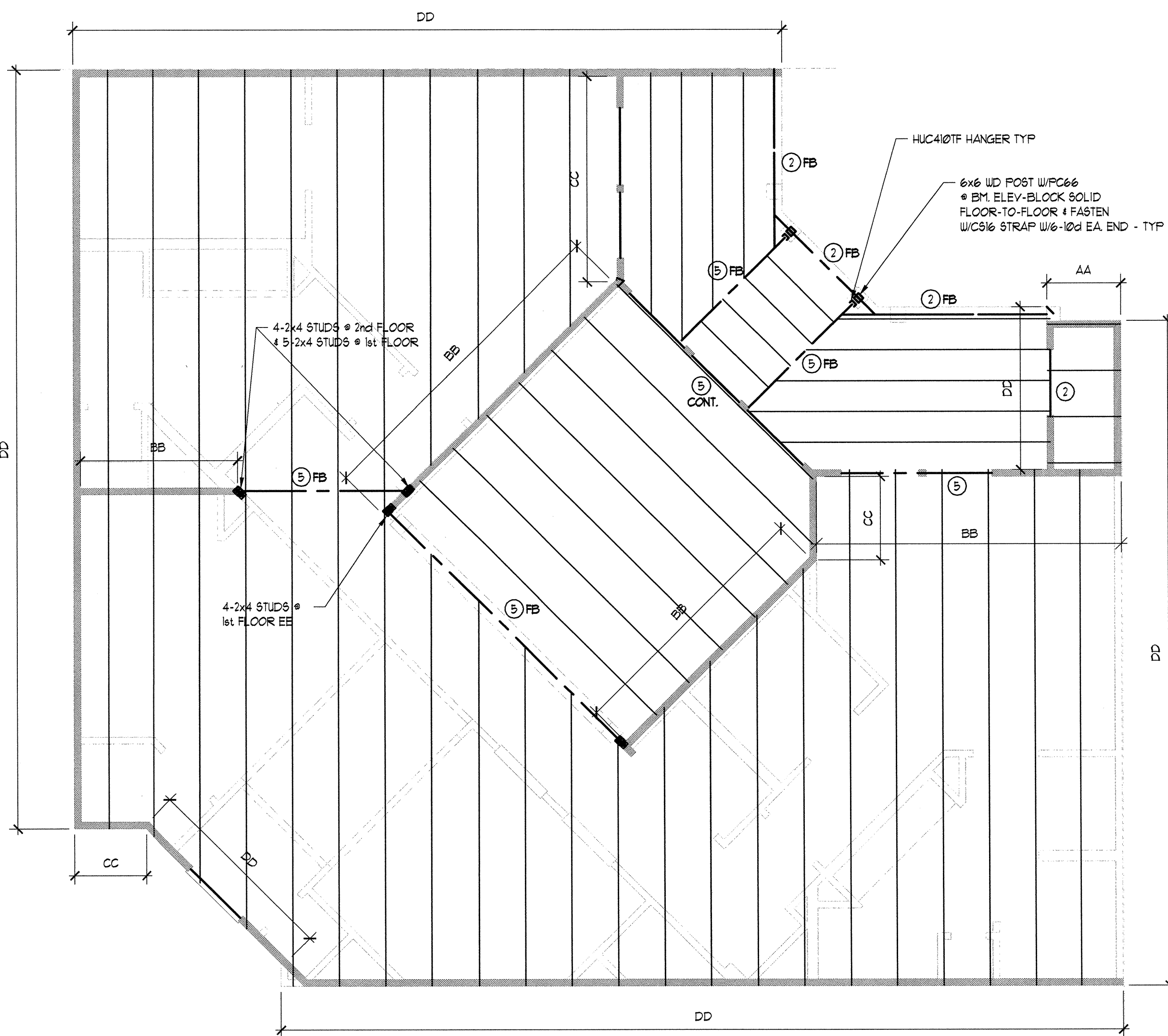
DRAWING NUMBER
S-3.04
COMMENTS



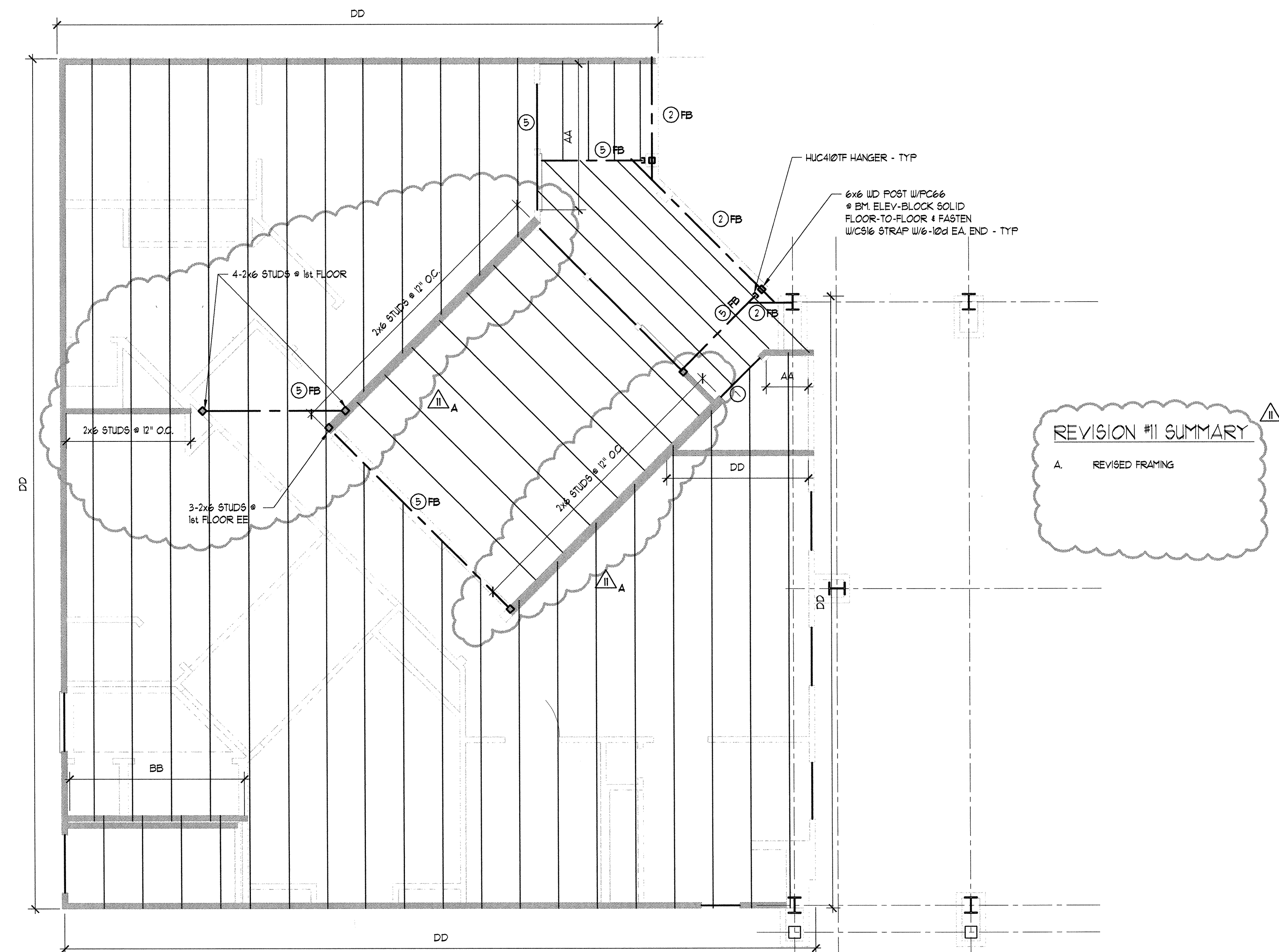
2 B3B UNIT FRAMING PLAN
SCALE: 1/4"=1'-0"



4 B4A UNIT FRAMING PLAN
SCALE: 1/4"=1'-0"



1 B3 UNIT FRAMING PLAN
SCALE: 1/4"=1'-0"

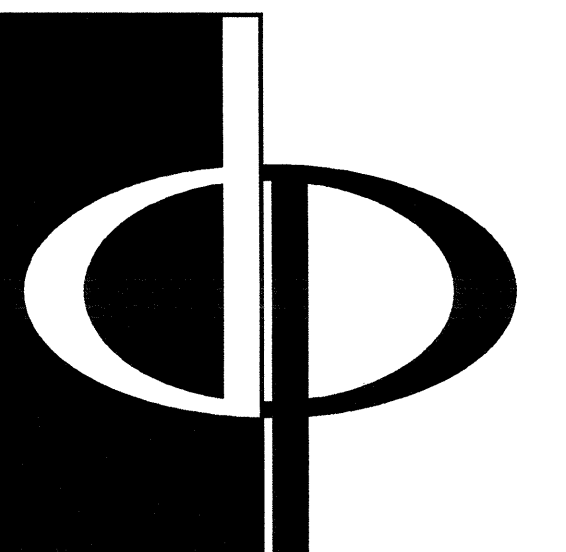


3 B4 UNIT FRAMING PLAN
SCALE: 1/4"=1'-0"

NOTES:
SEE S-3.01 FOR UNIT FRAMING NOTES.

REVISION #11 SUMMARY

A REVISED FRAMING



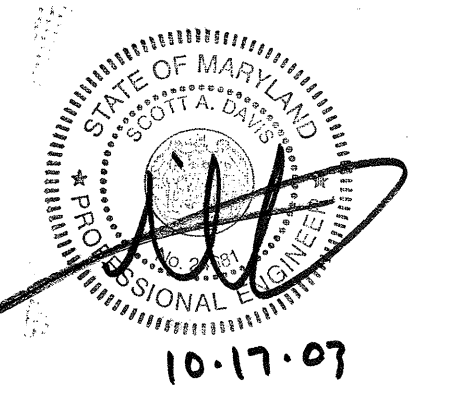
THE PRESTON PARTNERSHIP, LLC
A MULTI-DISCIPLINARY DESIGN FIRM

1000 ABERNATHY ROAD NE, SUITE 600
ATLANTA, GEORGIA 30328
TELEPHONE: 770 396 7248
FAX: 770 396 2945

WWW.THEPRESTONPARTNERSHIP.COM

CONSULTANT

SEAL



PROJECT

ARCHSTONE
KENTLANDS
949 QUINCE ORCHARD ROAD
GATHERSBURG, MARYLAND

FOR

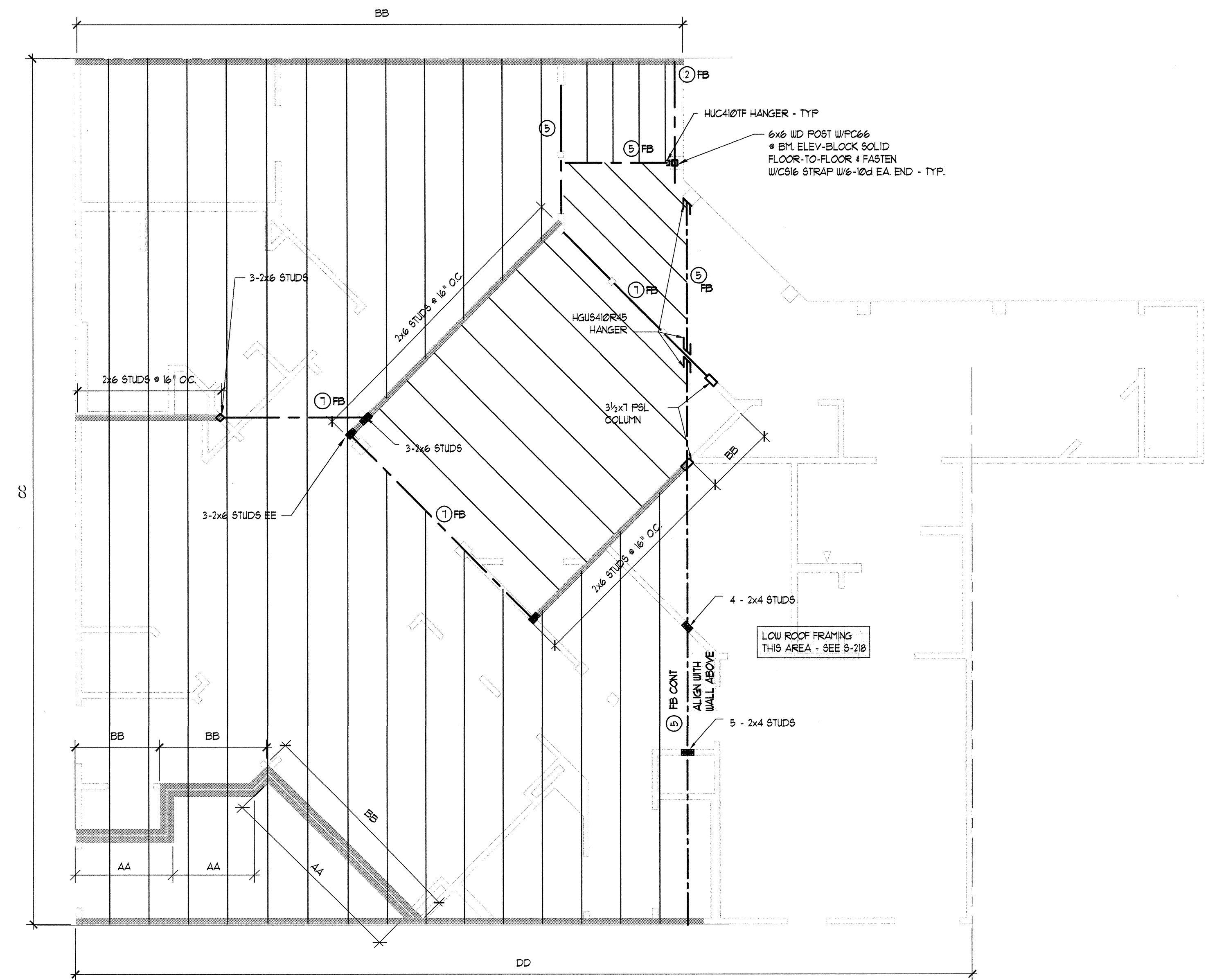
ARCHSTONE
COMMUNITIES
6631 OLD DOMINION DRIVE
MCLEAN, VIRGINIA 22101
703-883-3353

REVISIONS	
RELEASED FOR CONSTRUCTION	07/18/03
△ TOM POPOFF REVIEW COMMENTS	07/18/03
△ CLUB HOUSE DESIGN	09/15/03
△ CLUB HOUSE COORD	10/06/03

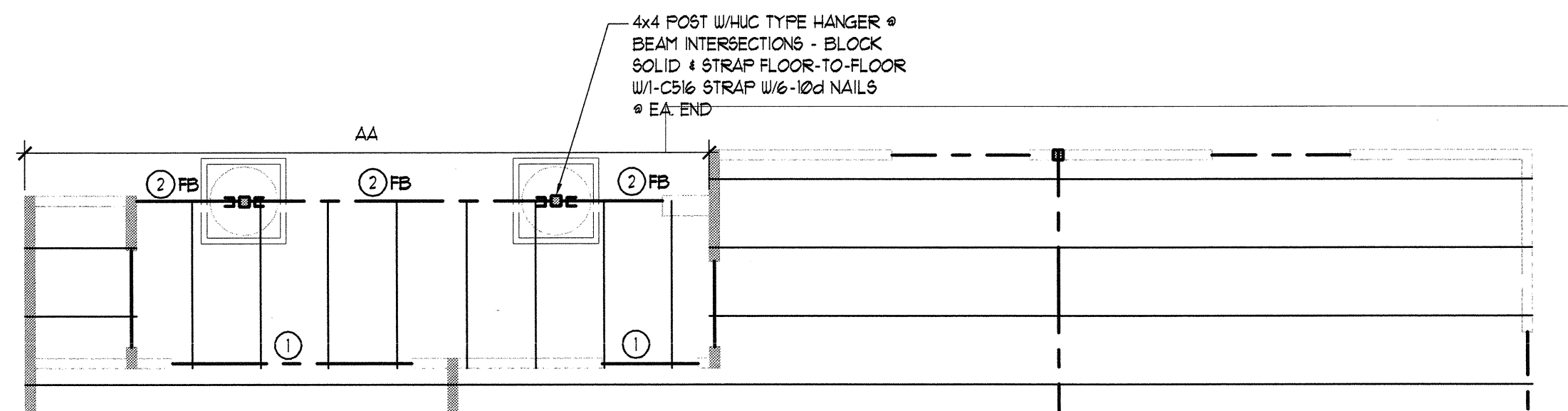
REVISION #12 SUMMARY
A REVISED BM SIZE

DATE	01/31/03
JOB NUMBER	021102
DRAWN BY	JREJR
CHECKED BY	KM
DRAWING TITLE	UNIT FRAMING PLANS B5 UNIT TYPES
DRAWING NUMBER	S-3.05
COMMENTS	

NOTES:
SEE S-3.01 FOR UNIT FRAMING NOTES.

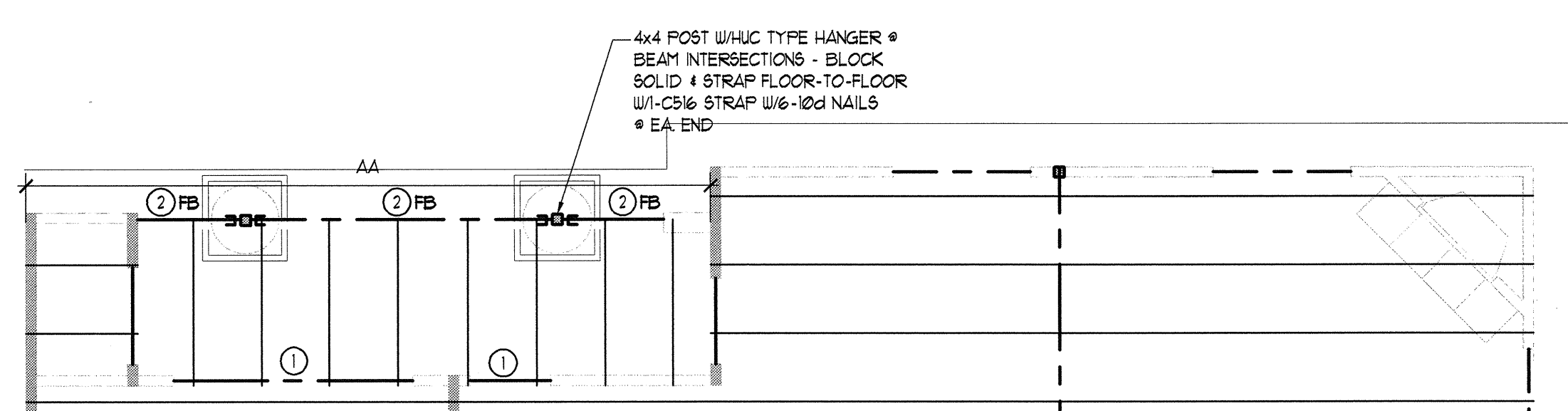


B3B STORAGE UNIT FRAMING PLAN
SCALE: 1/4"=1'-0"



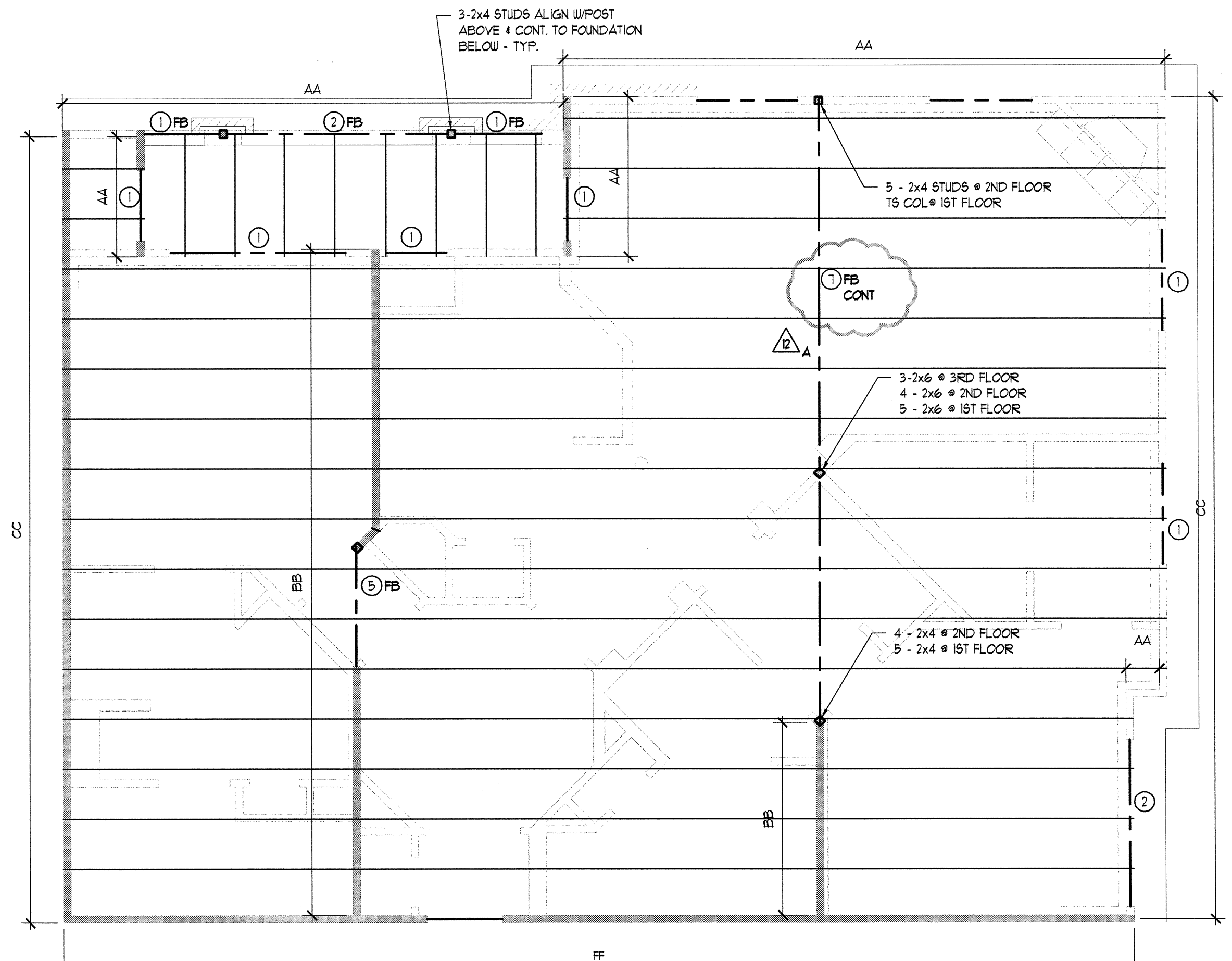
B5B & B5E UNIT FRAMING PLAN
SCALE: 1/4"=1'-0"

NOTE:
SEE 1A/S-3.05 FOR ADDITIONAL INFORMATION.

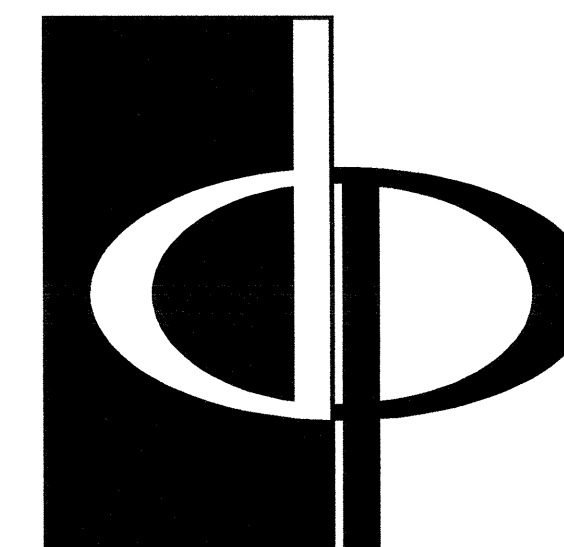


B5A & B5D UNIT FRAMING PLAN
SCALE: 1/4"=1'-0"

NOTE:
SEE 1A/S-3.05 FOR ADDITIONAL INFORMATION.



B5 & B5C UNIT FRAMING PLAN
SCALE: 1/4"=1'-0"



THE PRESTON PARTNERSHIP, LLC
A MULTI-DISCIPLINARY DESIGN FIRM

1000 ABERNATHY ROAD NE, SUITE 600
ATLANTA, GEORGIA 30328
TELEPHONE: 770 396 7248
FAX: 770 396 2945

WWW.THEPRESTONPARTNERSHIP.COM

CONSULTANT

SEAL



10.17.03

PROJECT

ARCHSTONE
KENTLANDS
945 QUINCE ORCHARD ROAD
GATHERSBURG, MARYLAND

FOR

ARCHSTONE
COMMUNITIES
6631 OLD DOMINION DRIVE
MCLEAN, VIRGINIA 22101
703-883-3353

REVISIONS

RELEASED FOR CONSTRUCTION	01/31/03
TOM POPOFF REVIEW COMMENTS	01/18/03
CLUB HOUSE DESIGN	09/15/02

REVISION #11 SUMMARY
A. REVISED FRAMING

DATE

01/31/03

JOB NUMBER

021108

DRAWN BY

JRE/JR

CHECKED BY

KY

DRAWING TITLE

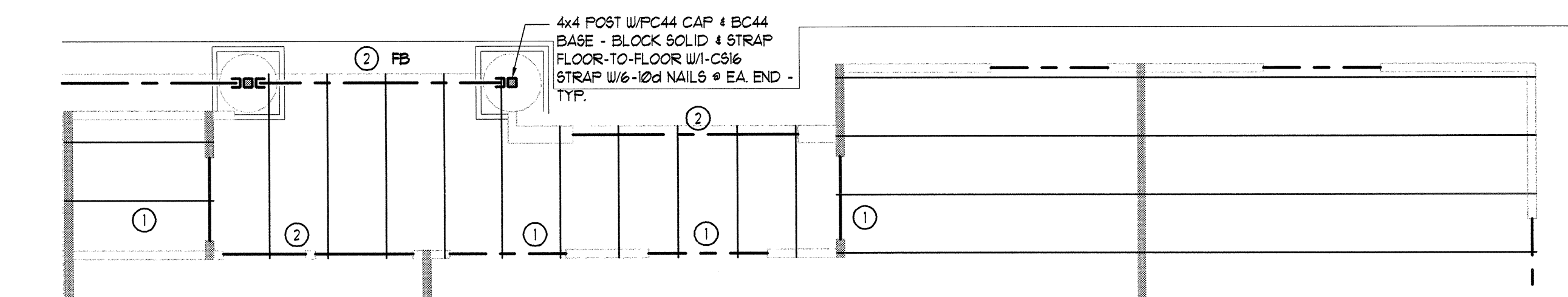
UNIT FRAMING PLANS
CI UNIT TYPE 6

DRAWING NUMBER

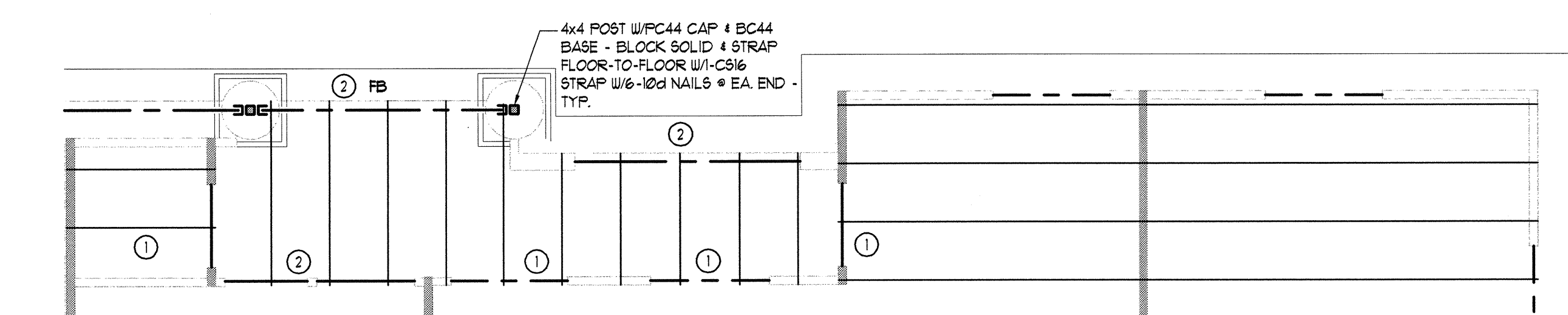
S-3.06

COMMENTS

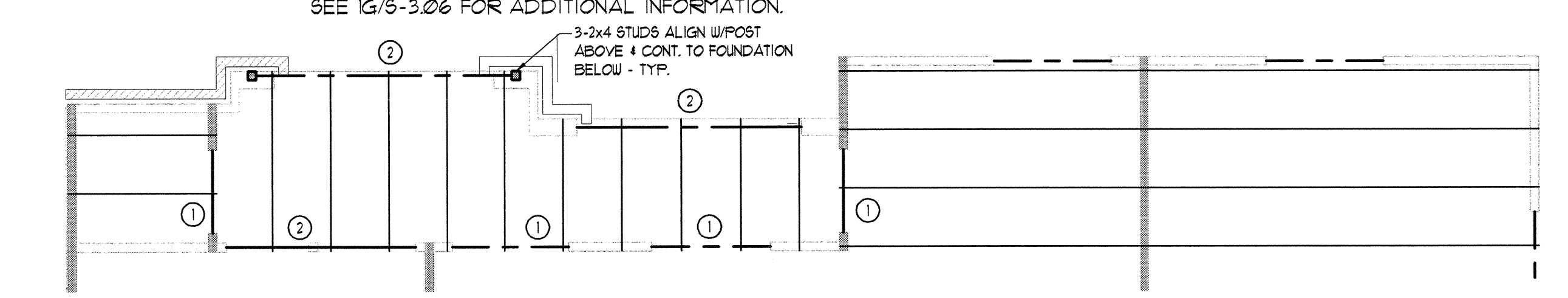
NOTES:
SEE S-3.01 FOR UNIT FRAMING NOTES.



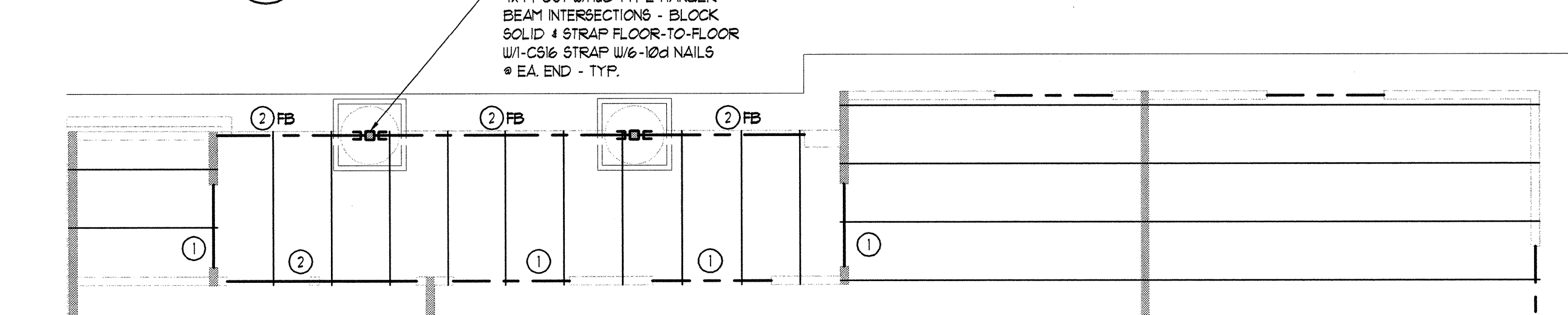
IL CIK UNIT FRAMING PLAN
SCALE: 1/4"=1'-0"
NOTE:
SEE IG/S-3.06 FOR ADDITIONAL INFORMATION.



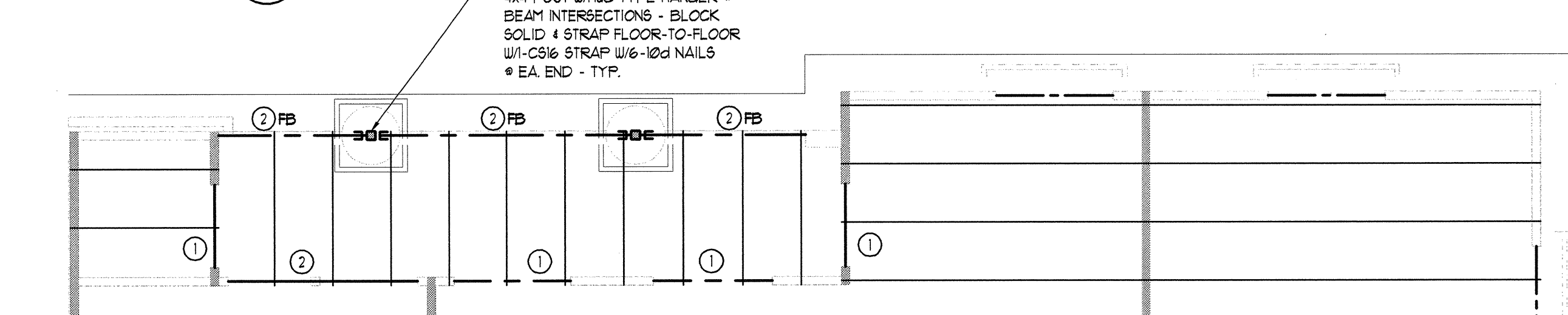
K CIN UNIT FRAMING PLAN
SCALE: 1/4"=1'-0"
NOTE:
SEE IG/S-3.06 FOR ADDITIONAL INFORMATION.



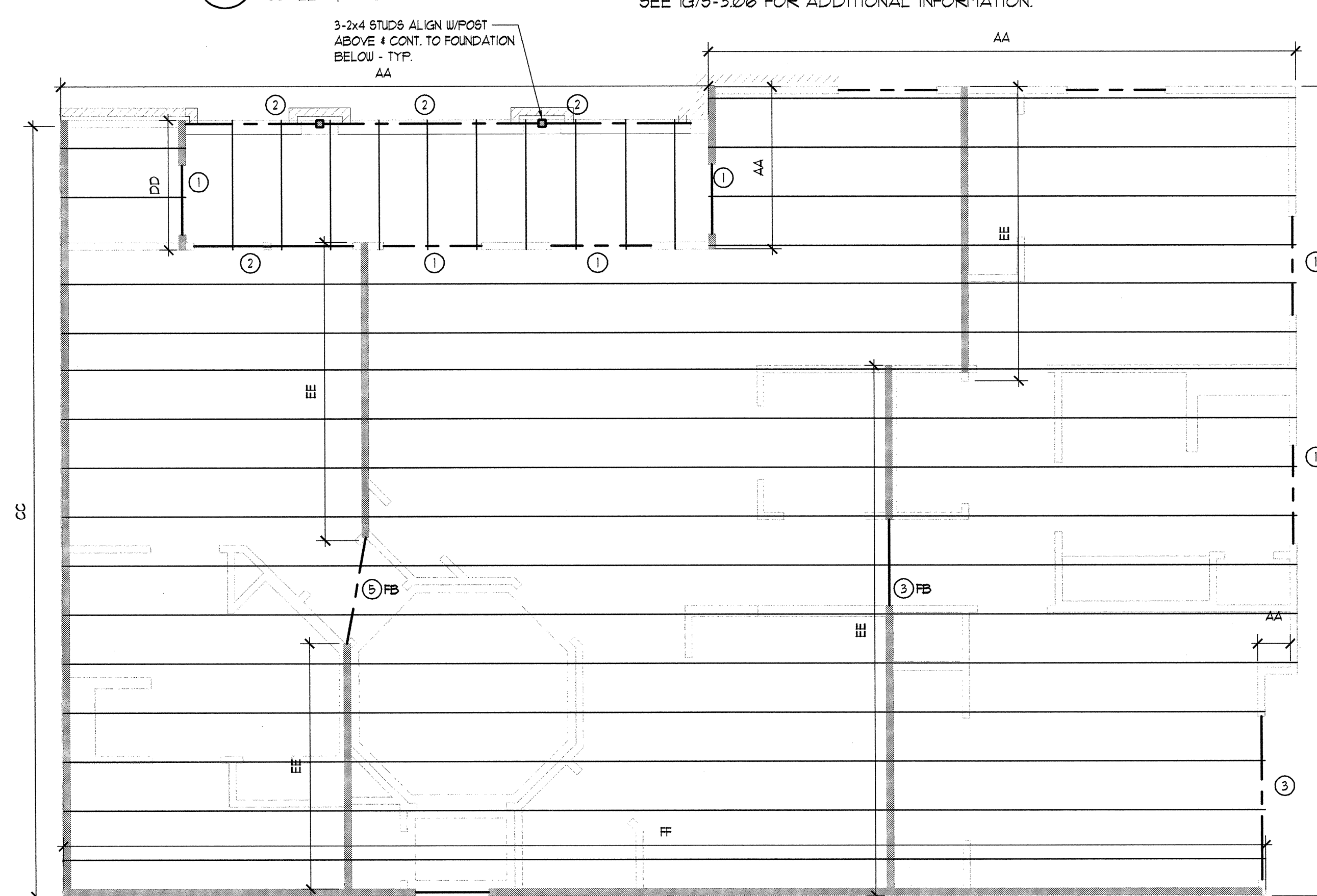
U CIH UNIT FRAMING PLAN
SCALE: 1/4"=1'-0"
NOTE:
SEE IG/S-3.06 FOR ADDITIONAL INFORMATION.



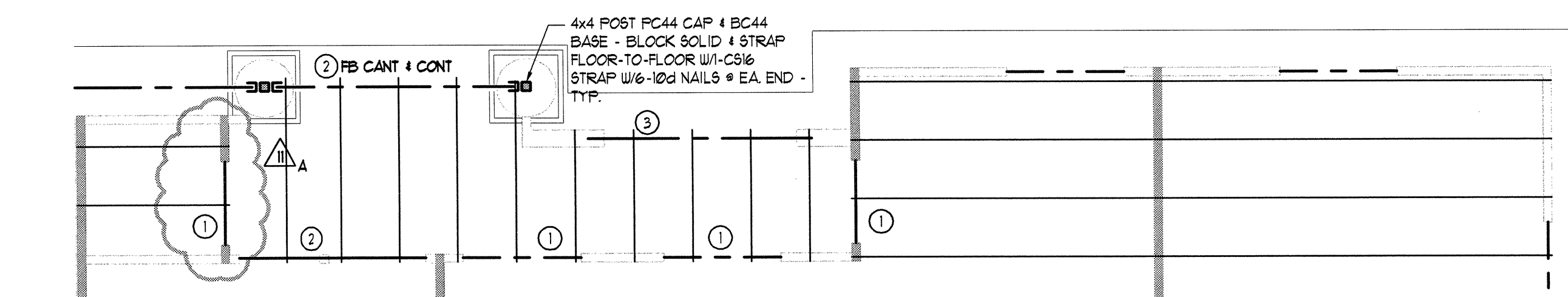
II CIJ UNIT FRAMING PLAN
SCALE: 1/4"=1'-0"
NOTE:
SEE IG/S-3.06 FOR ADDITIONAL INFORMATION.



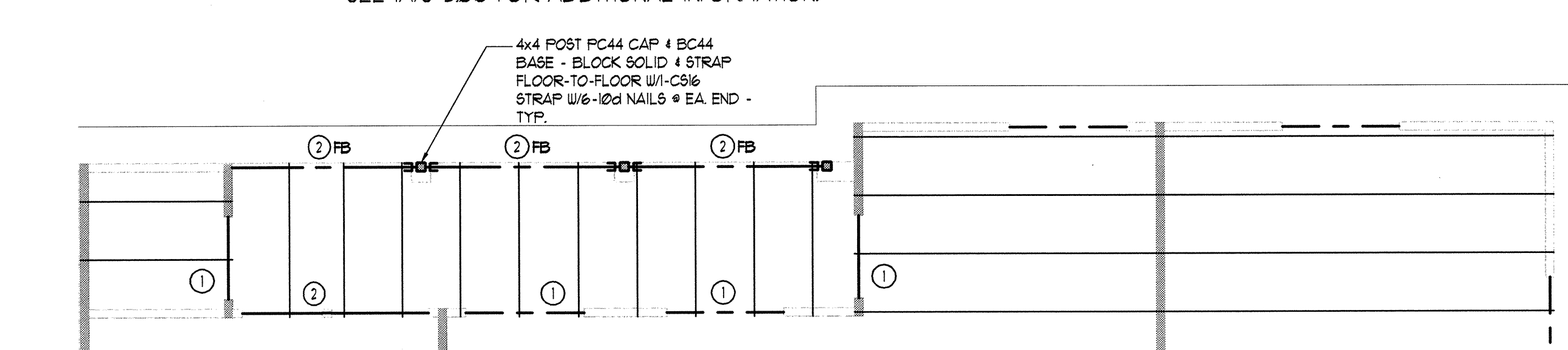
IH CIL UNIT FRAMING PLAN
SCALE: 1/4"=1'-0"
NOTE:
SEE IG/S-3.06 FOR ADDITIONAL INFORMATION.



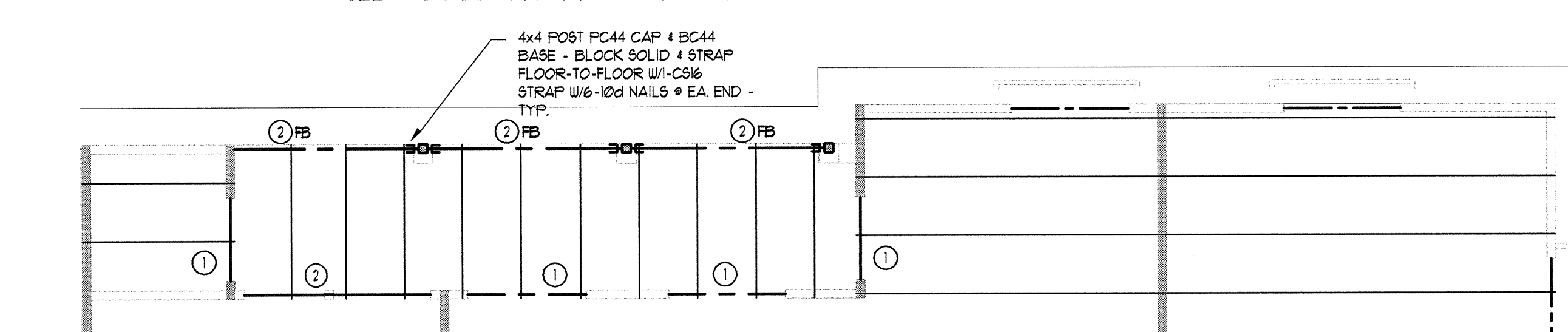
IG CIU UNIT FRAMING PLAN
SCALE: 1/4"=1'-0"



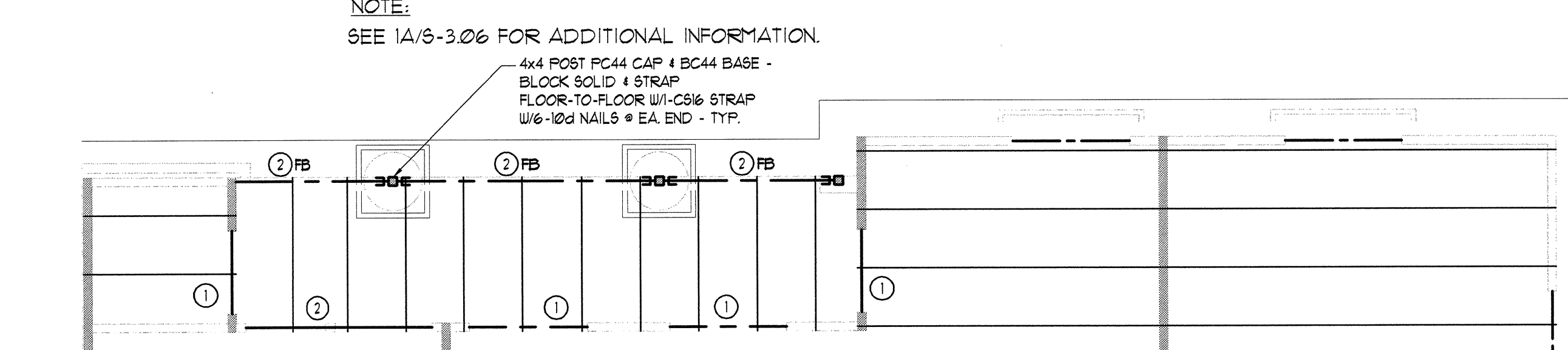
F CIE UNIT FRAMING PLAN
SCALE: 1/4"=1'-0"
NOTE:
SEE IA/S-3.06 FOR ADDITIONAL INFORMATION.



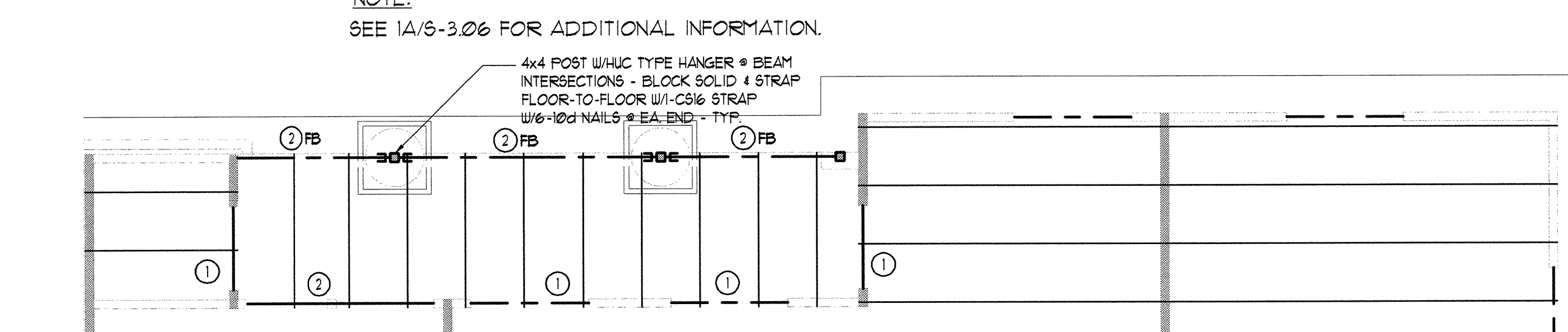
IE CID UNIT FRAMING PLAN
SCALE: 1/4"=1'-0"
NOTE:
SEE IA/S-3.06 FOR ADDITIONAL INFORMATION.



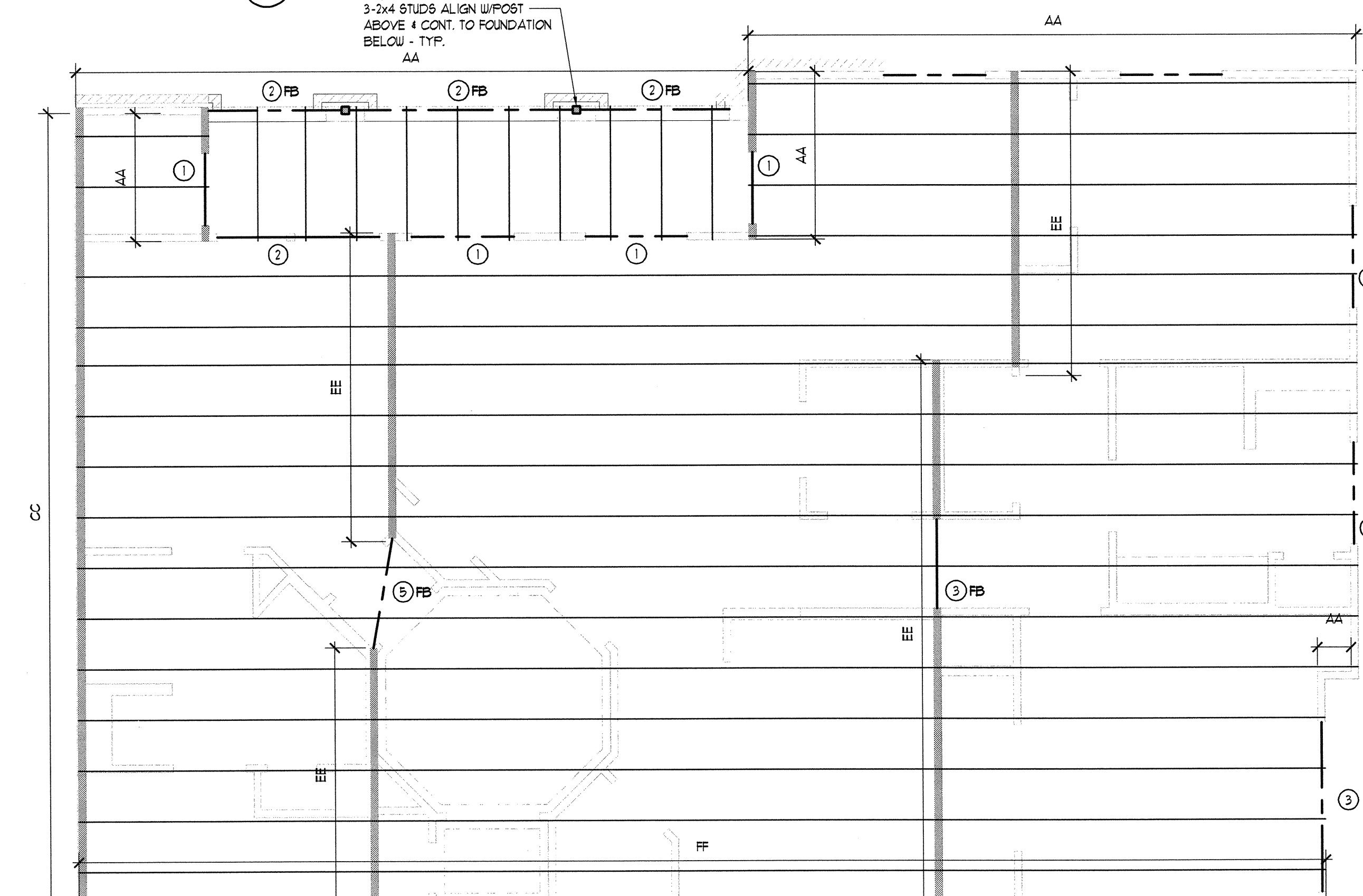
ID CIA UNIT FRAMING PLAN
SCALE: 1/4"=1'-0"
NOTE:
SEE IA/S-3.06 FOR ADDITIONAL INFORMATION.



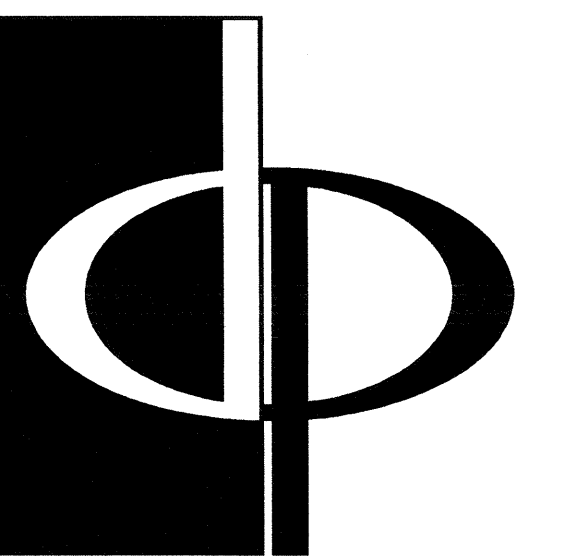
IC CIC UNIT FRAMING PLAN
SCALE: 1/4"=1'-0"
NOTE:
SEE IA/S-3.06 FOR ADDITIONAL INFORMATION.



IB CIB UNIT FRAMING PLAN
SCALE: 1/4"=1'-0"
NOTE:
SEE IA/S-3.06 FOR ADDITIONAL INFORMATION.



IA CI UNIT FRAMING PLAN
SCALE: 1/4"=1'-0"



THE PRESTON PARTNERSHIP, LLC
A MULTI-DISCIPLINARY DESIGN FIRM

1000 ABERNATHY ROAD NE, SUITE 600
ATLANTA, GEORGIA 30328
TELEPHONE: 770 396 7248
FAX: 770 396 2945

WWW.THEPRESTONPARTNERSHIP.COM

CONSULTANT

SEAL



10.17.03

PROJECT

ARCHSTONE
KENTLANDS
943 QUINCE ORCHARD ROAD
GAITHERSBURG, MARYLAND

FOR

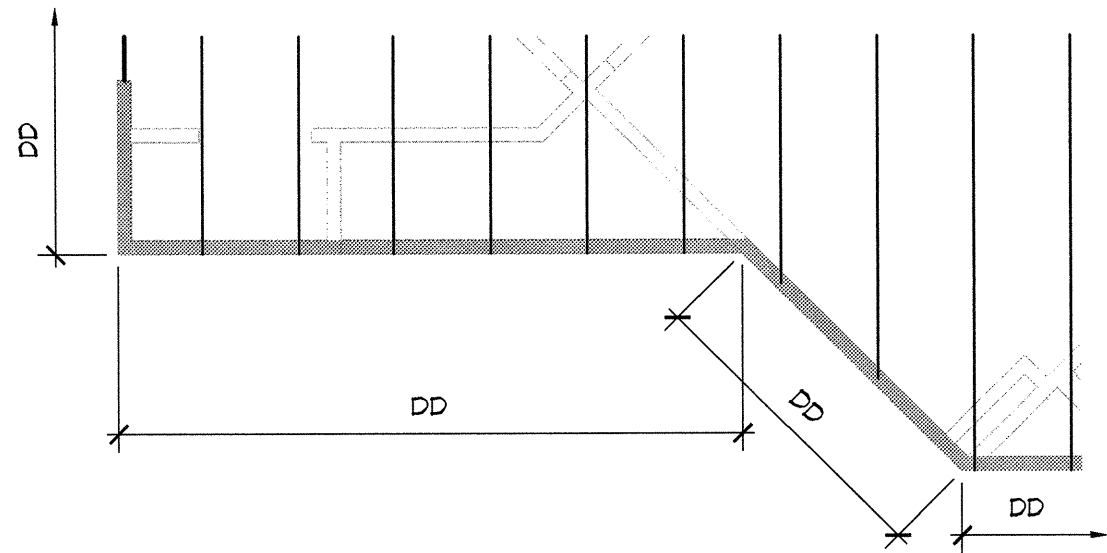
ARCHSTONE
COMMUNITIES
6631 OLD DOMINION DRIVE
MCLEAN, VIRGINIA 22101
703-883-3353

REVISIONS	DATE
RELEASED FOR CONSTRUCTION	01/18/03
TOM POPOFF REVIEW COMMENTS	01/18/03
CLUB HOUSE DESIGN	09/15/03

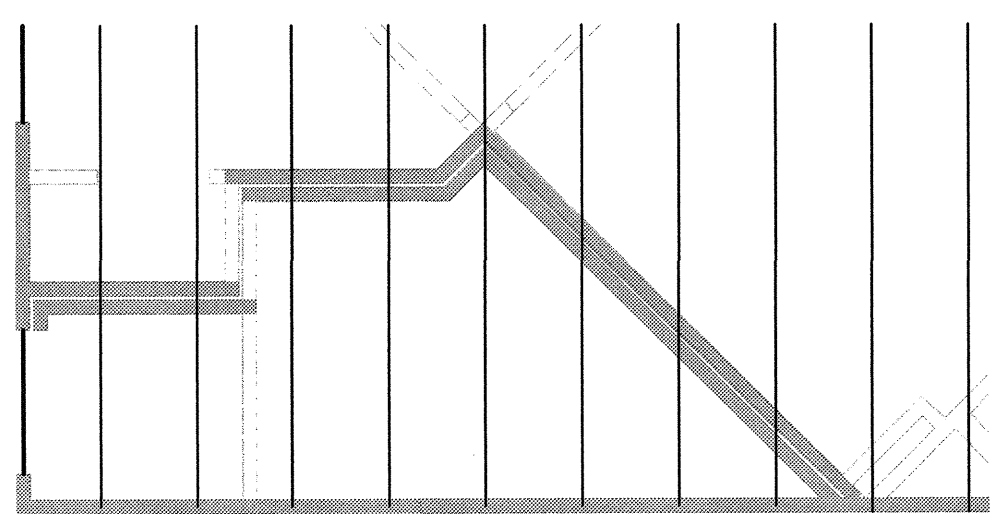
DATE: 01/31/03
JOB NUMBER: 021102
DRAWN BY: JREJR
CHECKED BY: KMI
DRAWING TITLE: UNIT FRAMING PLAN
C2 UNIT TYPES

DRAWING NUMBER: S-3.01

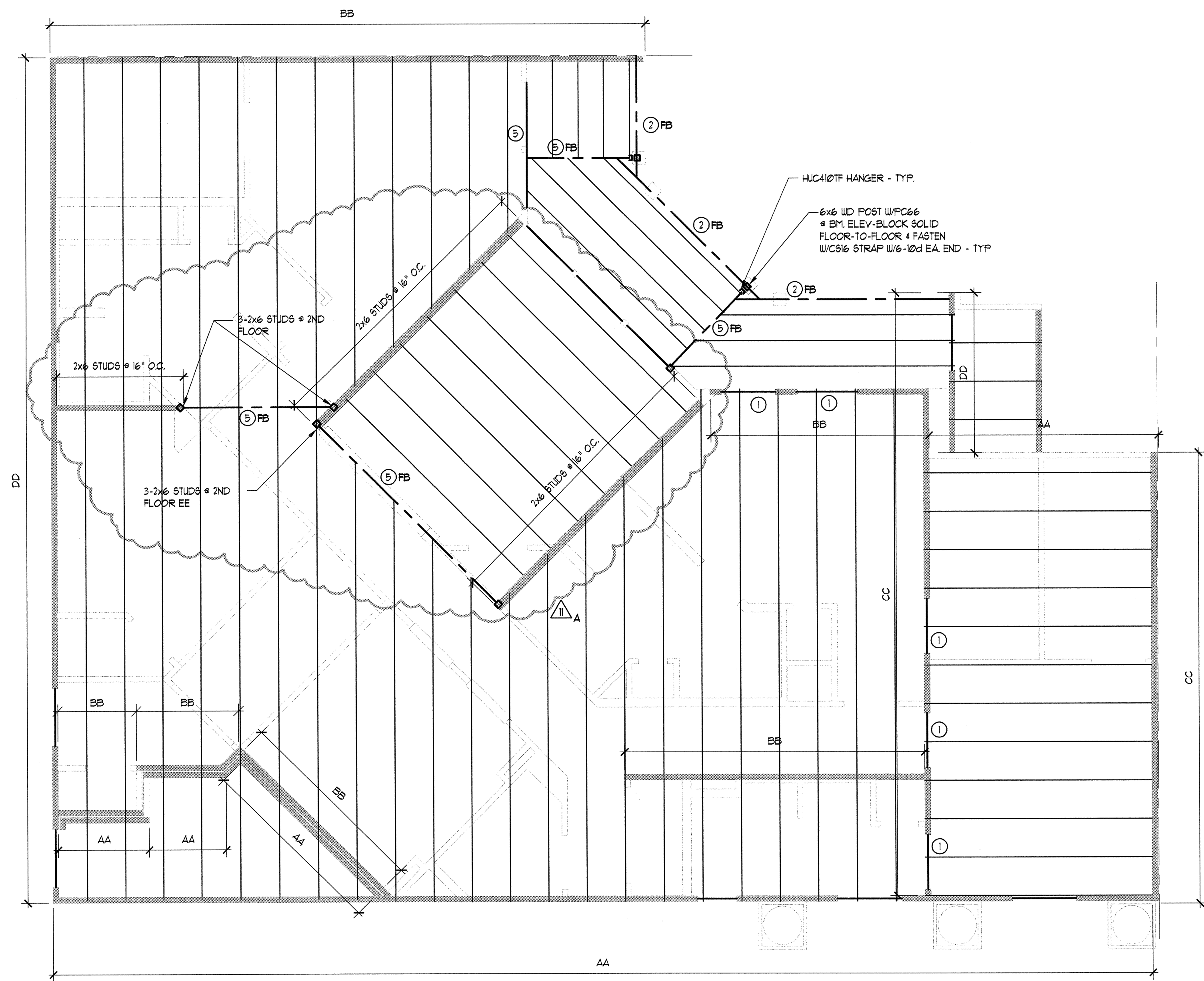
COMMENTS



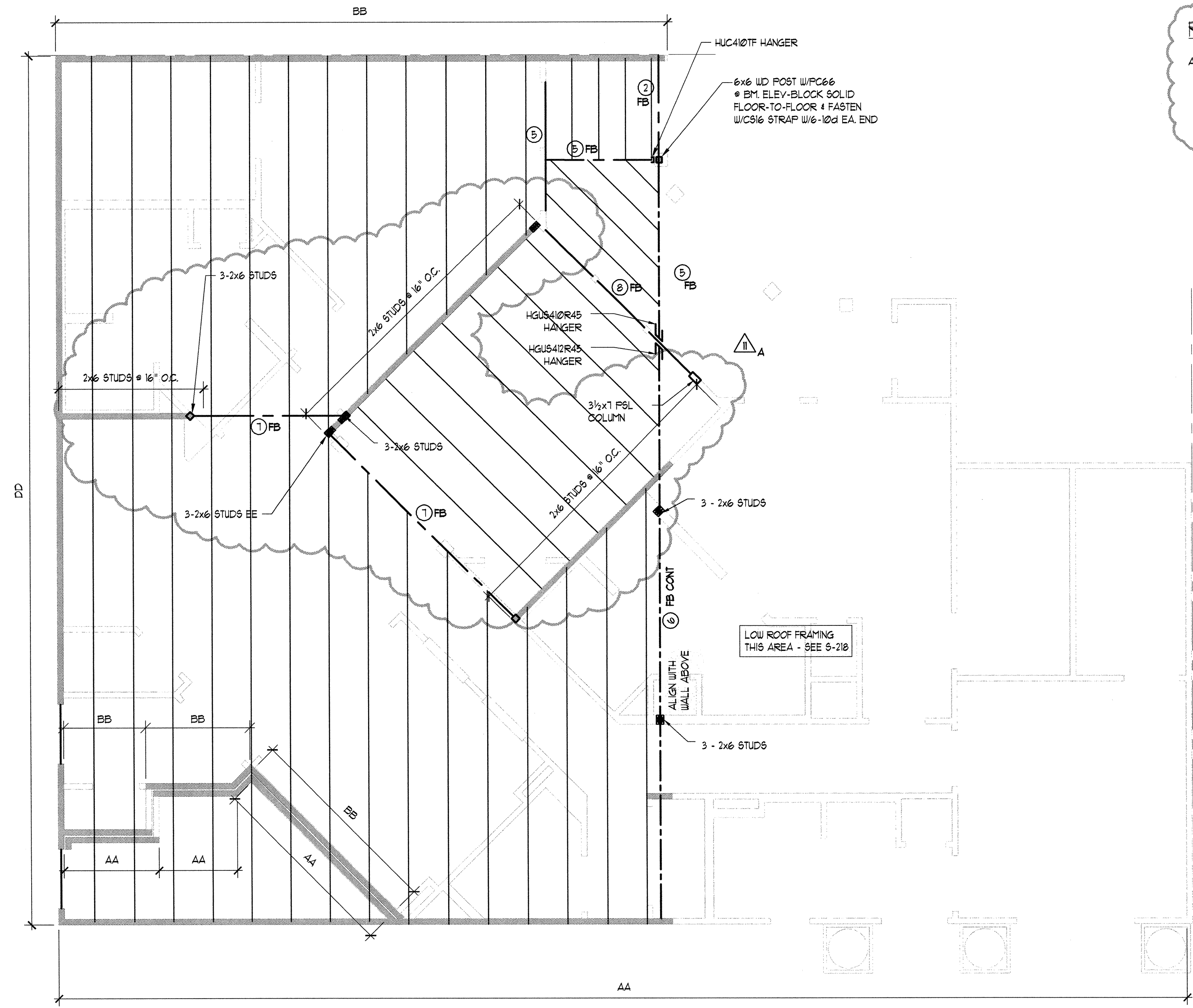
1C C2B UNIT FRAMING PLAN
SCALE: 1/4"=1'-0"



1B C2A UNIT FRAMING PLAN
SCALE: 1/4"=1'-0"



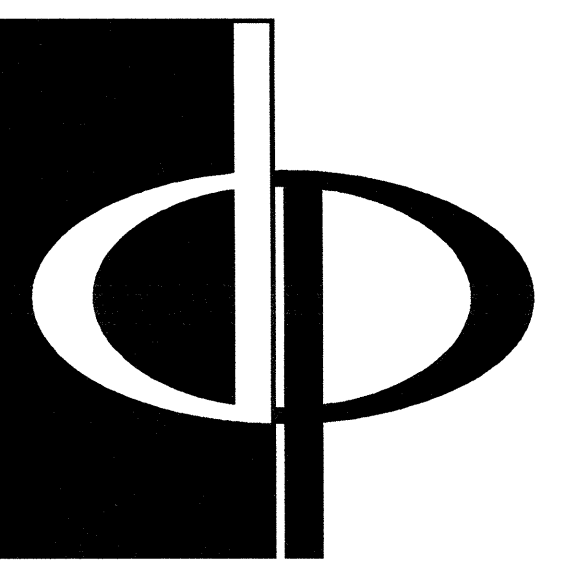
1A C2 UNIT FRAMING PLAN
SCALE: 1/4"=1'-0"



1D C2 @ STORAGE UNIT FRAMING PLAN
SCALE: 1/4"=1'-0"

REVISION #11 SUMMARY
A REVISED FRAMING

NOTES:
SEE S-3.01 FOR UNIT FRAMING NOTES.



THE PRESTON PARTNERSHIP, LLC
A MULTI-DISCIPLINARY DESIGN FIRM

1000 ABERNATHY ROAD NE, SUITE 600
ATLANTA, GEORGIA 30328
TELEPHONE: 770 396 7248
FAX: 770 396 2945

WWW.THEPRESTONPARTNERSHIP.COM

CONSULTANT

SEAL



10.17.03

PROJECT

ARCHSTONE
KENTLANDS

949 QUINCE ORCHARD ROAD
GATHERSBURG, MARYLAND

FOR

ARCHSTONE
COMMUNITIES
6631 OLD DOMINION DRIVE
MCLEAN, VIRGINIA 22101
703-883-3363

REVISIONS

△ CLUB HOUSE DESIGN	09/05/03
△ CLUB HOUSE COORD	10/06/03

DATE

01/31/03

JOB NUMBER

0211708

DRAWN BY

JRE/JR

CHECKED BY

KM

DRAWING TITLE

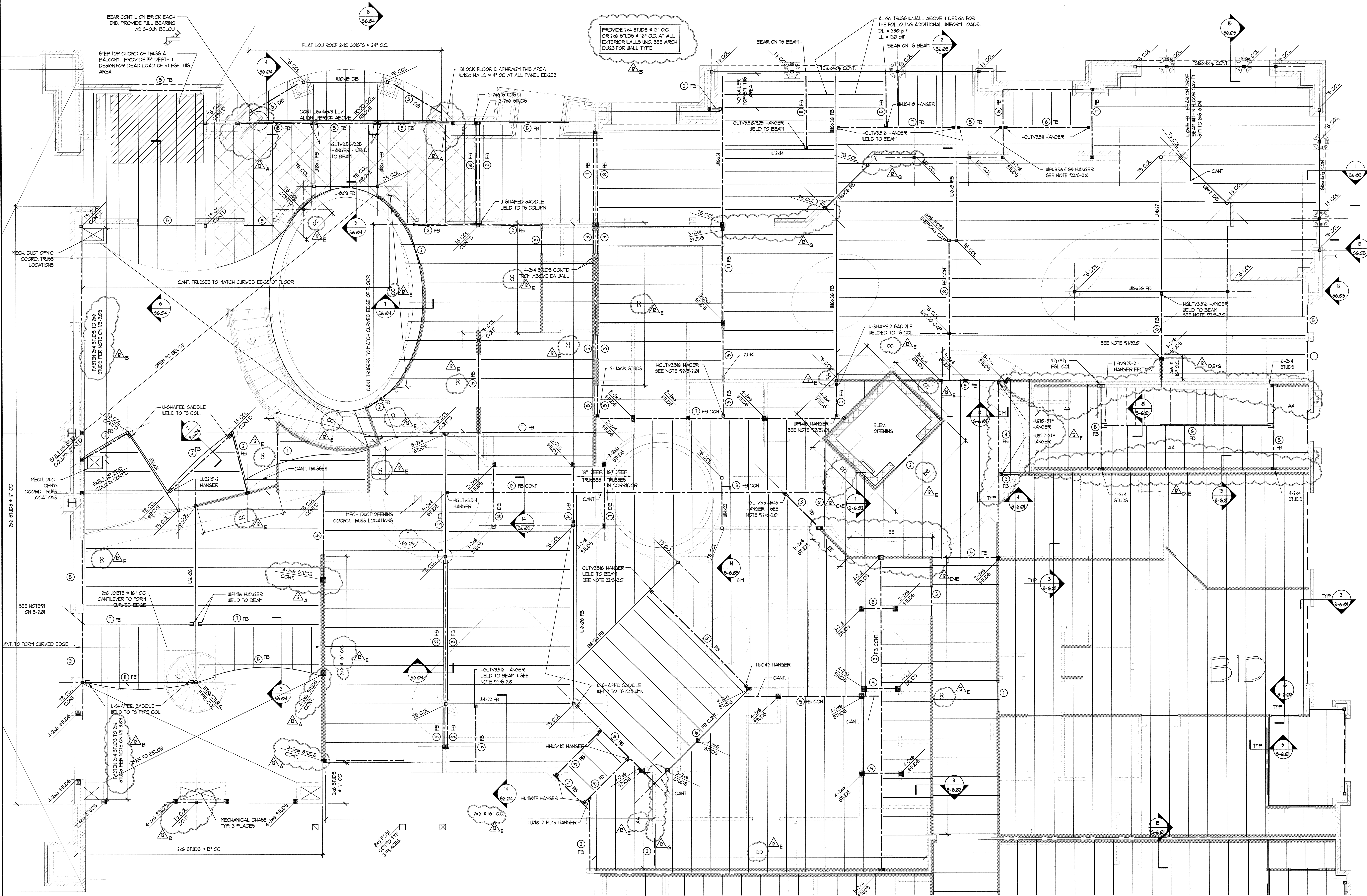
AMENITIES FRAMING PLAN

LEVEL 2 - BLDG 100B

DRAWING NUMBER

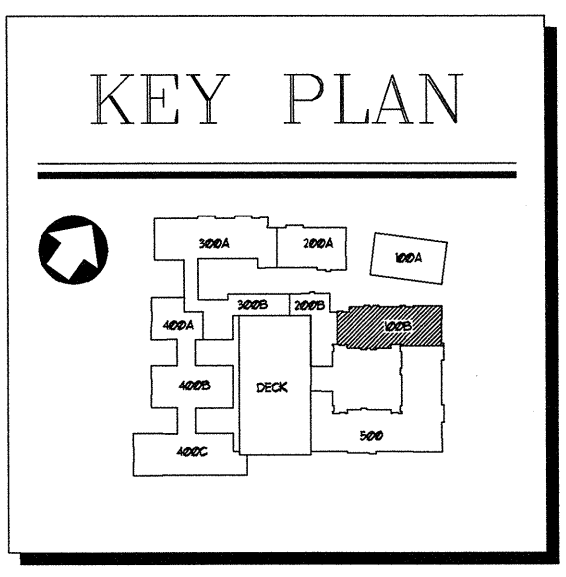
5-3.08

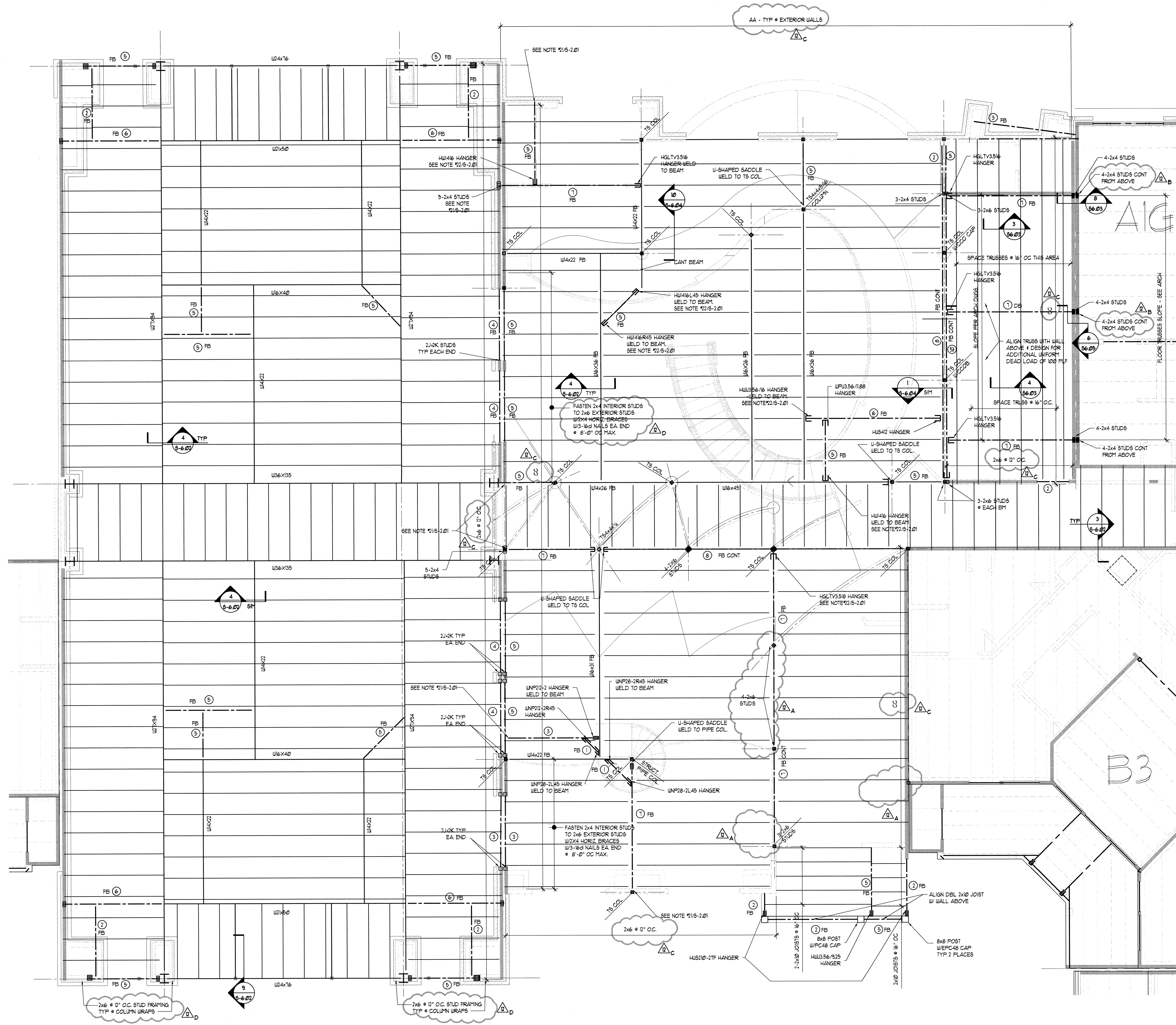
COMMENTS



1 AMENITIES FLOOR FRAMING PLAN LEVEL 2 - BLDG. 100B
5-3.08 SCALE: 1/4"=1'-0"

REVISION #2 SUMMARY
A. REVISED TS COL TO STUDS
B. ADDED NOTE
C. REMOVED COLUMN
D. ADDED LOAD BEARING WALL HATCH
E. ADDED WALL STUD FRAMING MARK
F. REVISED FRAMING
G. REMOVED SHADING

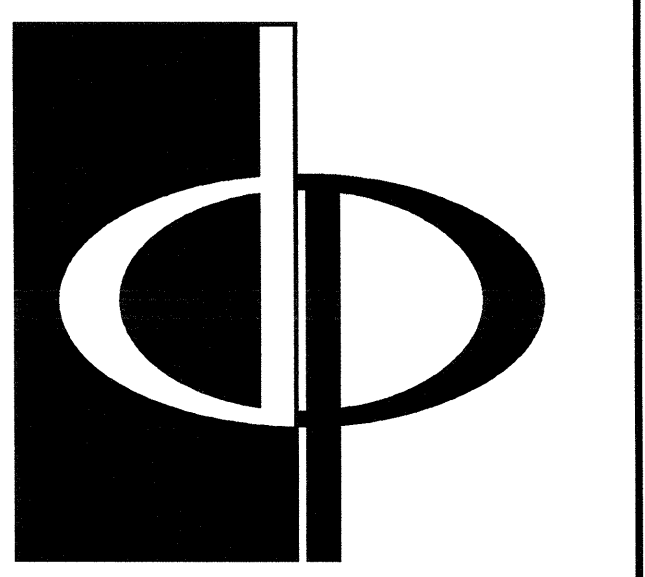
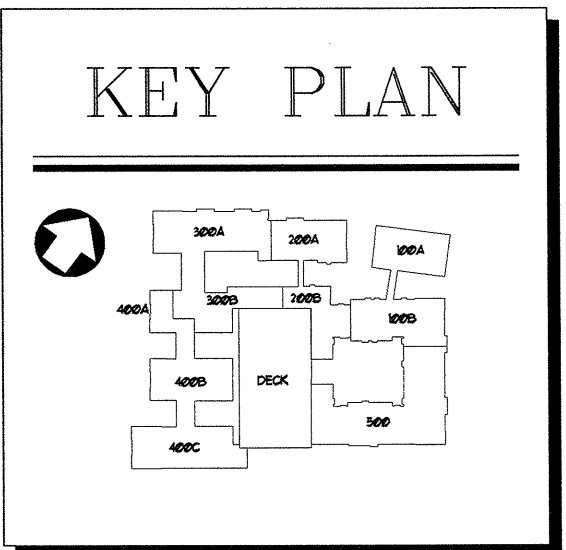




1 AMENITIES FLOOR FRAMING PLAN LEVEL 3 - BLDG. 100B
 5-3-09 SCALE: 1/4"=1'-0"

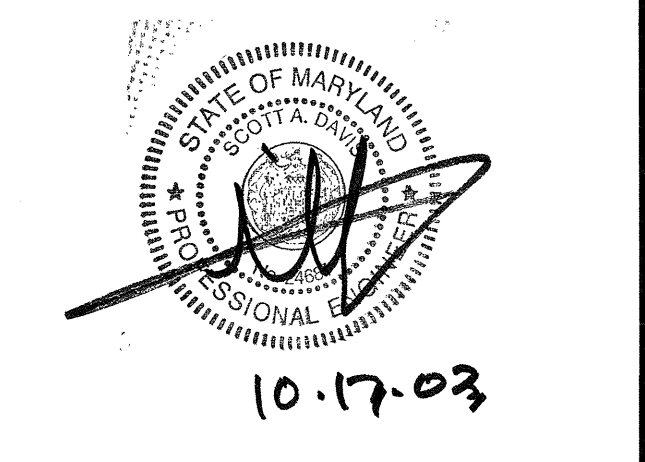
REVISION #12 SUMMARY

- A. REVISED TS COL TO STUDS
- B. CONT'D STUD FRAM FROM ABOVE
- C. ADDED WALL STD FRAMING MARK
- D. ADDED NOTE



THE PRESTON PARTNERSHIP, LLC
 A MULTI-DISCIPLINARY DESIGN FIRM
 1000 ABERNATHY ROAD NE, SUITE 600
 ATLANTA, GEORGIA 30328
 TELEPHONE: 770 396 7248
 FAX: 770 396 2945
 WWW.THEPRESTONPARTNERSHIP.COM

CONSULTANT
 SEAL

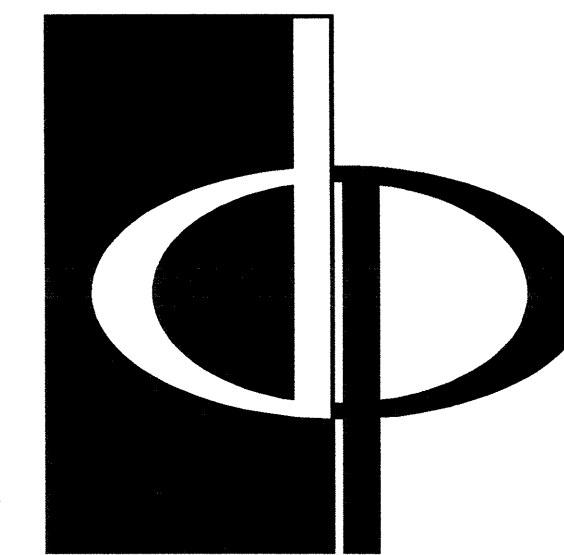


PROJECT
ARCHSTONE KENTLANDS
 949 QUINCE ORCHARD ROAD
 GAITHERSBURG, MARYLAND

FOR
ARCHSTONE COMMUNITIES
 6631 OLD DOMINION DRIVE
 MCLEAN, VIRGINIA 22101
 703-883-3353

REVISIONS	DATE
CLUBHOUSE DESIGN	09/15/03
CLUB HOUSE COORD	10/06/03

DATE: 01/31/03
 JOB NUMBER: 021108
 DRAWN BY: JRE/JR
 CHECKED BY: K1
 DRAWING TITLE: AMENITIES FRAMING PLAN LEVEL 3 - BLDG 100B
 DRAWING NUMBER: 53.09
 COMMENTS:



THE PRESTON PARTNERSHIP, LLC
A MULTI-DISCIPLINARY DESIGN FIRM

1000 ABERNATHY ROAD NE, SUITE 600
ATLANTA, GEORGIA 30328
TELEPHONE: 770 396 7248
FAX: 770 396 2945

WWW.THEPRESTONPARTNERSHIP.COM

CONSULTANT

SEAL



10.17.03

PROJECT

ARCHSTONE
KENTLANDS

949 QUINCE ORCHARD ROAD
GAITHERSBURG, MARYLAND

FOR

ARCHSTONE
COMMUNITIES
6681 OLD DOMINION DRIVE
MCLEAN, VIRGINIA 22101
703-883-3353

REVISIONS

RELEASED FOR CONSTRUCTION 01/31/03

CLUB HOUSE DESIGN 09/05/03

DATE 01/31/03

JOB NUMBER 021108

DRAWN BY JREJR

CHECKED BY KM

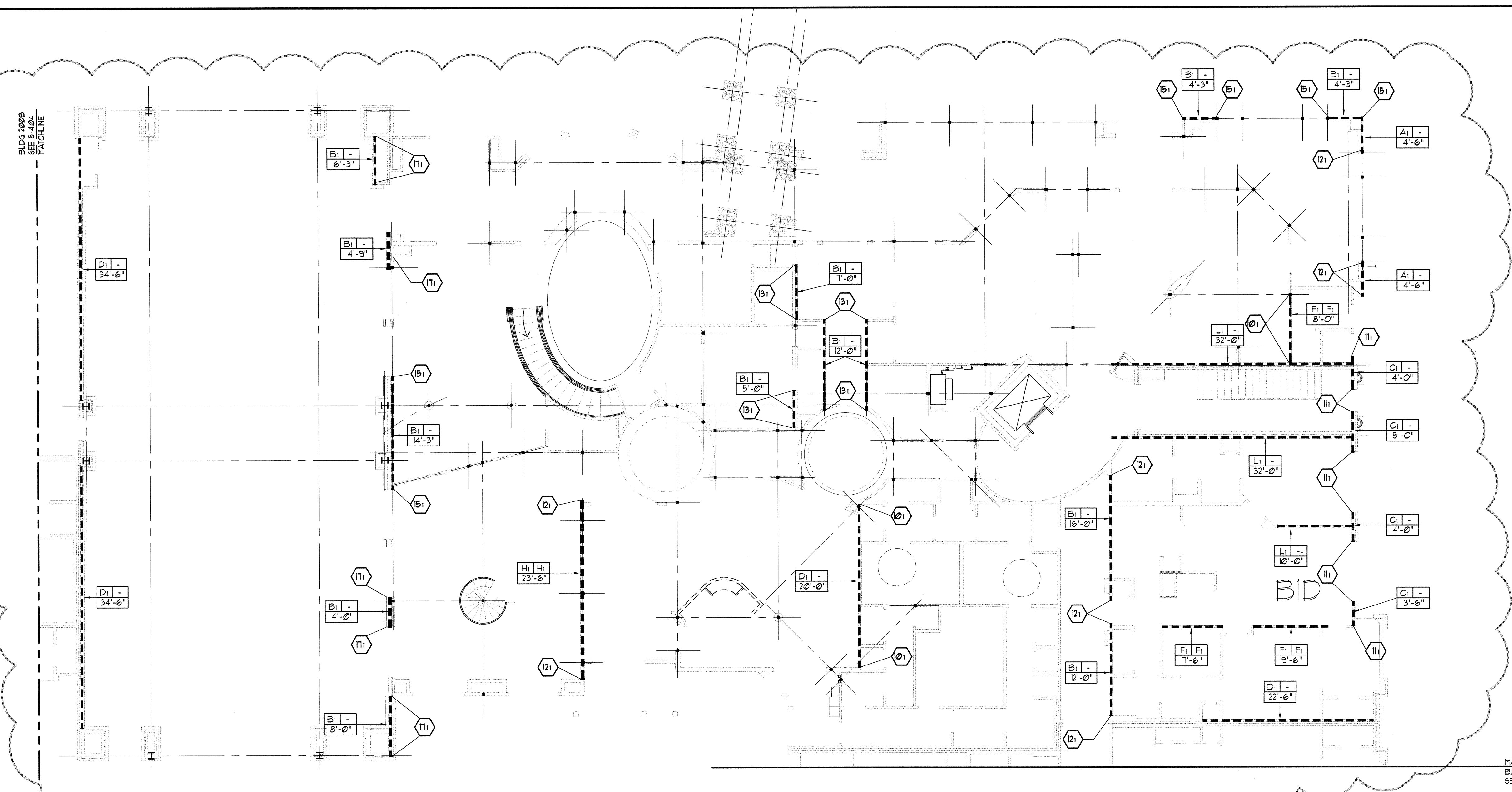
DRAWING TITLE

LEVEL 1 - BRACING PLAN BUILDING 100B

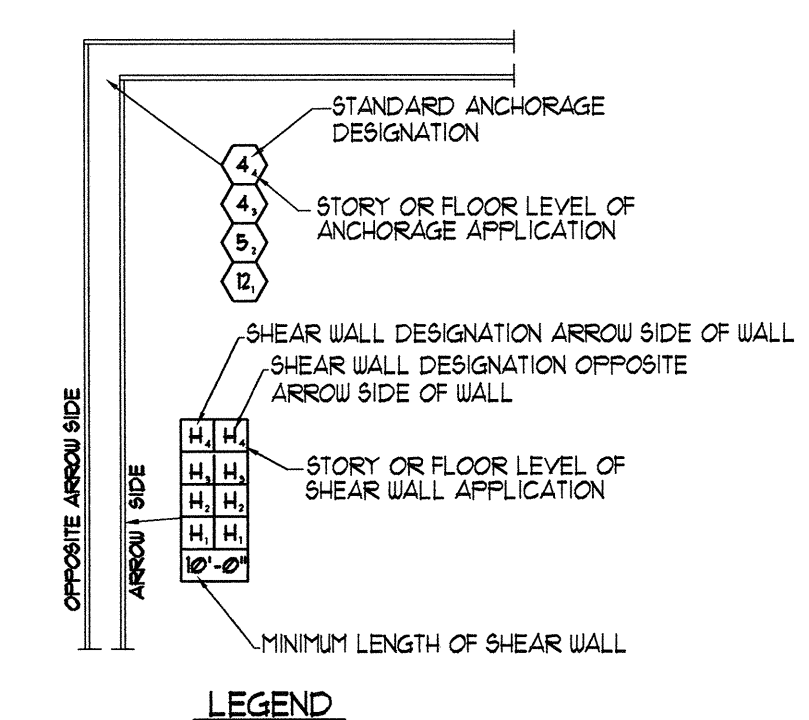
DRAWING NUMBER

S-4.01

COMMENTS

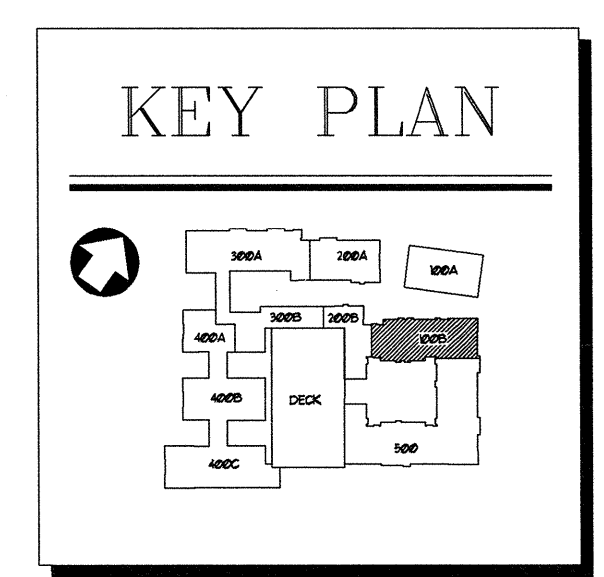


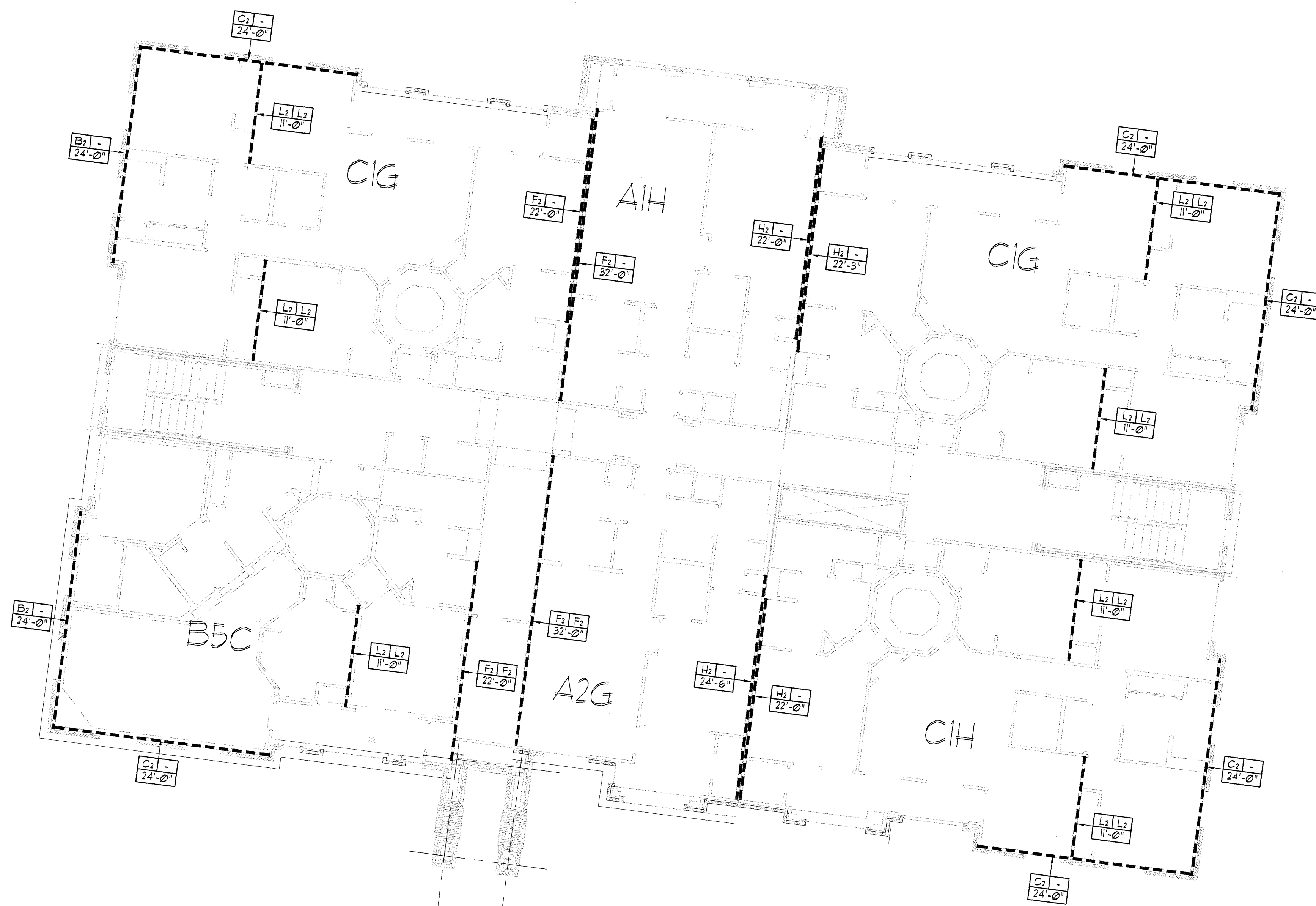
BRACING PLAN LEVEL 1 - BLDG. 100B
SCALE: 1/8" = 1'-0"



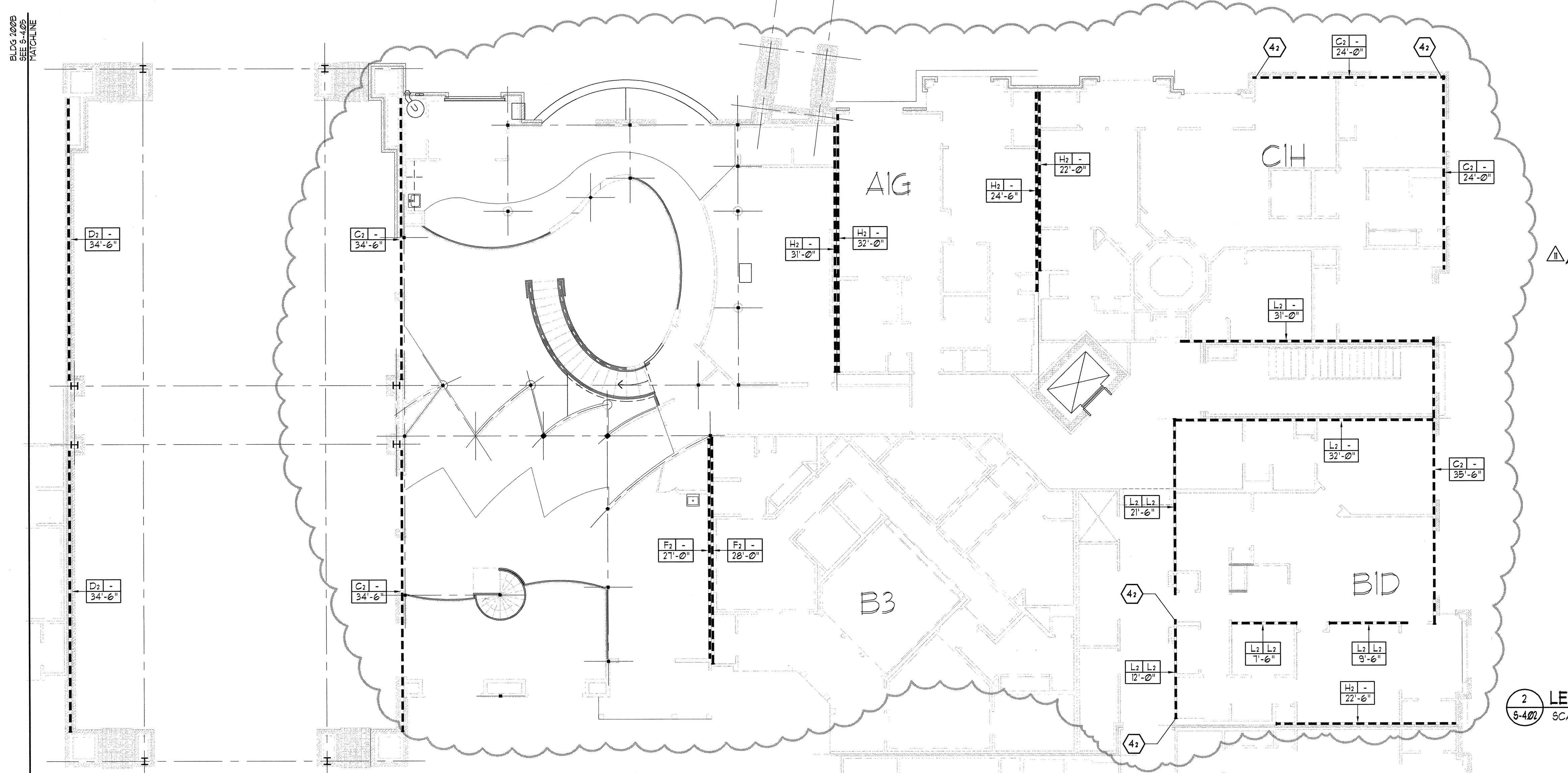
- NOTES:
- SEE S-4.01 FOR SHEAR WALL AND ANCHORAGE SCHEDULES AND DETAILS.
 - SEE GENERAL NOTES FOR ADDITIONAL INFORMATION.
 - ALL EXTERIOR SHEAR WALLS SHALL BE SHEATHED WITH 5/32" STRUCTURAL PANEL ON EXTERIOR FACE OF STUDS AND FASTENED IN ACCORDANCE WITH SHEAR WALL TYPE "D" AT ALL LEVELS UNO.
 - ALL CORRIDOR WALLS SHALL BE SHEATHED WITH 3/8" GYPSUM WALL BOARD ON CORRIDOR FACE OF STUDS AND NAILED IN ACCORDANCE WITH SHEAR WALL TYPE "L" AT ALL LEVELS UNO.
 - ALL UNIT AND BUILDING SEPARATION WALLS SHALL BE SHEATHED WITH 3/8" GYPSUM WALL BOARD ON EACH UNIT FACE OF STUDS AND NAILED IN ACCORDANCE WITH SHEAR WALL TYPE "L" AT ALL LEVELS UNO.
 - ANCHOR ALIGNS WITH STRAP ABOVE.

REVISION #11 SUMMARY
A REVISED SHEARWALL



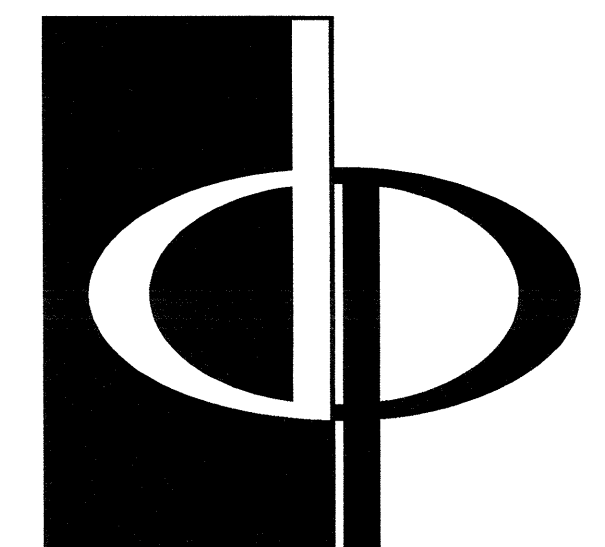
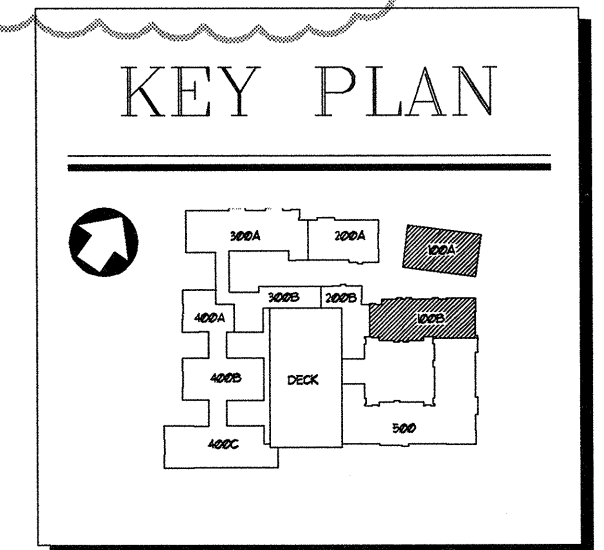


1 LEVEL 2 BRACING PLAN - BLDG. 100A
 SCALE: 1/8"=1'-0"
 SEE S-4.01 FOR BRACING NOTES & LEGEND



2 LEVEL 2 BRACING PLAN - BLDG. 100B
 SCALE: 1/8"=1'-0"
 SEE S-4.01 FOR BRACING NOTES & LEGEND

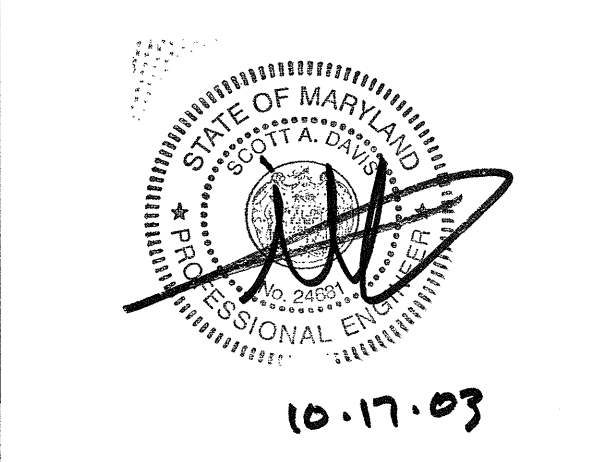
REVISION #11 SUMMARY
 A REVISED SHEAR WALL



THE PRESTON PARTNERSHIP, LLC
 A MULTI-DISCIPLINARY DESIGN FIRM
 1000 ABERNATHY ROAD NE, SUITE 600
 ATLANTA, GEORGIA 30328
 TELEPHONE: 770 396 7248
 FAX: 770 396 2945
 WWW.THEPRESTONPARTNERSHIP.COM

CONSULTANT

SEAL



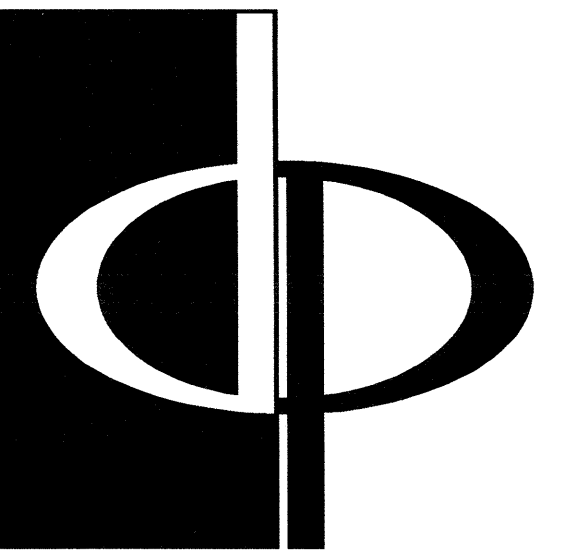
PROJECT
 ARCHSTONE
 KENTLANDS
 949 QUINCE ORCHARD ROAD
 GAITHERSBURG, MARYLAND

FOR

ARCHSTONE
 COMMUNITIES
 6631 OLD DOMINION DRIVE
 MCLEAN, VIRGINIA 22101
 703-883-3353

REVISIONS
 RELEASED FOR CONSTRUCTION 01/16/03
 CLUB HOUSE DESIGN 09/15/03

DATE 01/31/03
 JOB NUMBER 021100
 DRAWN BY JRE/JR
 CHECKED BY
 DRAWING TITLE BRACING PLAN
 LEVEL 2 - BUILDING 100
 DRAWING NUMBER S-4.02
 COMMENTS



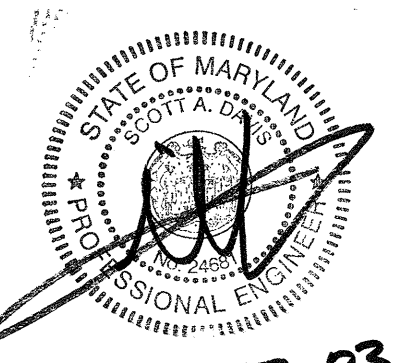
THE PRESTON PARTNERSHIP, LLC
A MULTI-DISCIPLINARY DESIGN FIRM

1000 ABERNATHY ROAD NE, SUITE 600
ATLANTA, GEORGIA 30328
TELEPHONE: 770 396 7248
FAX: 770 396 2945

WWW.THEPRESTONPARTNERSHIP.COM

CONSULTANT

SEAL



10.17.03

PROJECT

ARCHSTONE
KENTLANDS

949 QUINCE ORCHARD ROAD
GATHERSBURG, MARYLAND

FOR

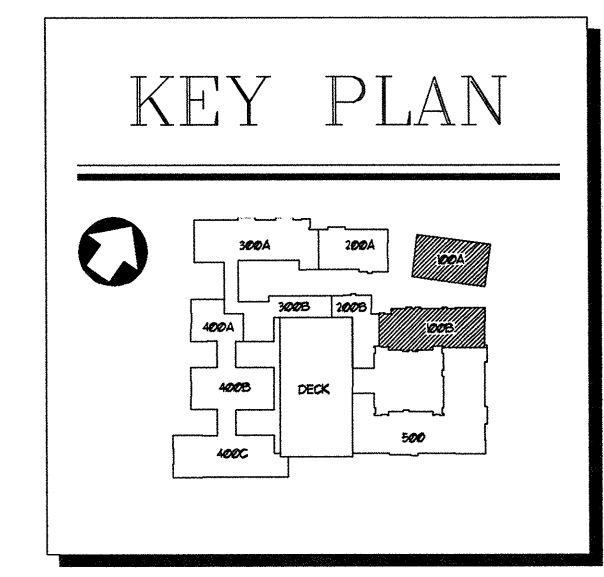
ARCHSTONE
COMMUNITIES
6631 OLD DOMINION DRIVE
MCLEAN, VIRGINIA 22101
703-883-3353

REVISIONS

RELEASED FOR CONSTRUCTION 01/10/03

CLUB HOUSE COORD 09/15/03

REVISION #1 SUMMARY
A REVISED WALL LENGTH



1 LEVELS 3 & 4 BRACING PLAN - BLDG. 100A
SCALE: 1/8"=1'-0"
SEE 5-4.01 FOR BRACING NOTES & LEGEND

2 LEVELS 3&4 BRACING PLAN - BLDG. 100B
SCALE: 1/8"=1'-0"
SEE 5-4.01 FOR BRACING NOTES & LEGEND

BLDG. 100B
SEE 5-4.02
MATCHLINE

MATCHLINE - BLDG 900 SEE 5-412

DATE 01/31/03

JOB NUMBER 0211708

DRAWN BY JRE/JR

CHECKED BY KM

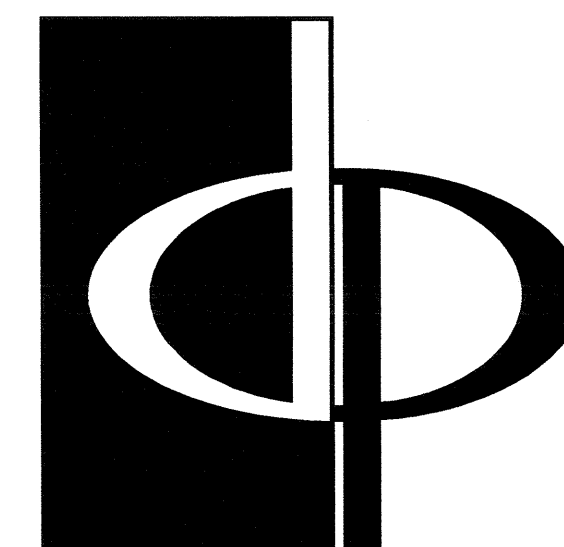
DRAWING TITLE

BRACING PLAN LEVELS 3 & 4 - BUILDING 100

DRAWING NUMBER

5-4.03

COMMENTS



THE PRESTON PARTNERSHIP, LLC
A MULTI-DISCIPLINARY DESIGN FIRM

1000 ABERNATHY ROAD NE, SUITE 600
ATLANTA, GEORGIA 30328
TELEPHONE: 770 396 7248
FAX: 770 396 2945

WWW.THEPRESTONPARTNERSHIP.COM

CONSULTANT

SEAL



10.17.03

PROJECT

ARCHSTONE
KENTLANDS

949 QUINCE ORCHARD ROAD
GAITHERSBURG, MARYLAND

FOR

ARCHSTONE
COMMUNITIES
6631 OLD DOMINION DRIVE
MCLEAN, VIRGINIA 22101
703-883-3353

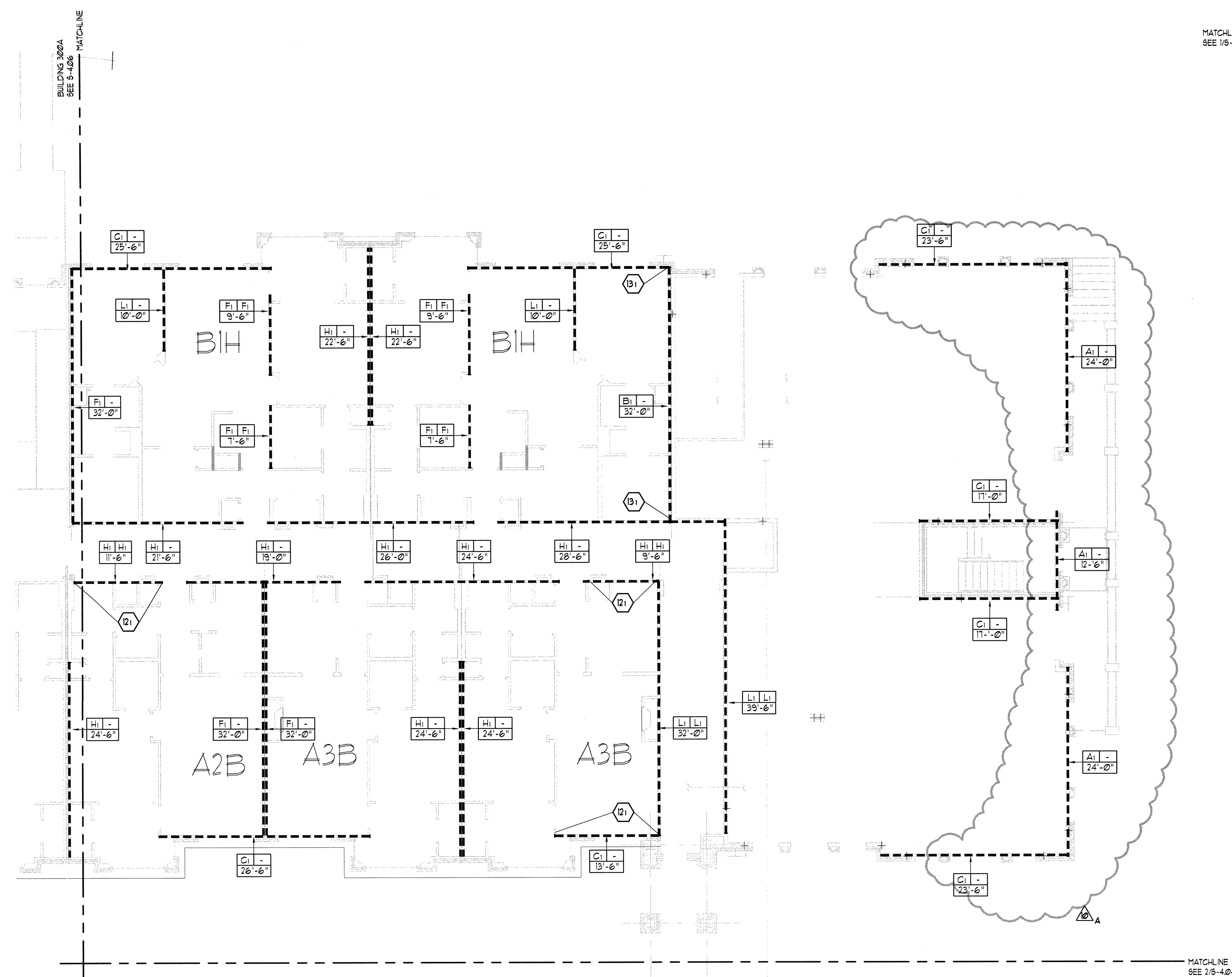
REVISIONS
RELEASED FOR CONSTRUCTION 01/18/03
TOM POPOFF REVIEW COMMENTS 01/18/03

DATE 01/31/03
JOB NUMBER 021100
DRAWN BY JRE/JR
CHECKED BY JRE/JR
DRAWING TITLE KY1

BRACING PLAN
LEVEL 1 - BUILDING 200

DRAWING NUMBER
S-4.04

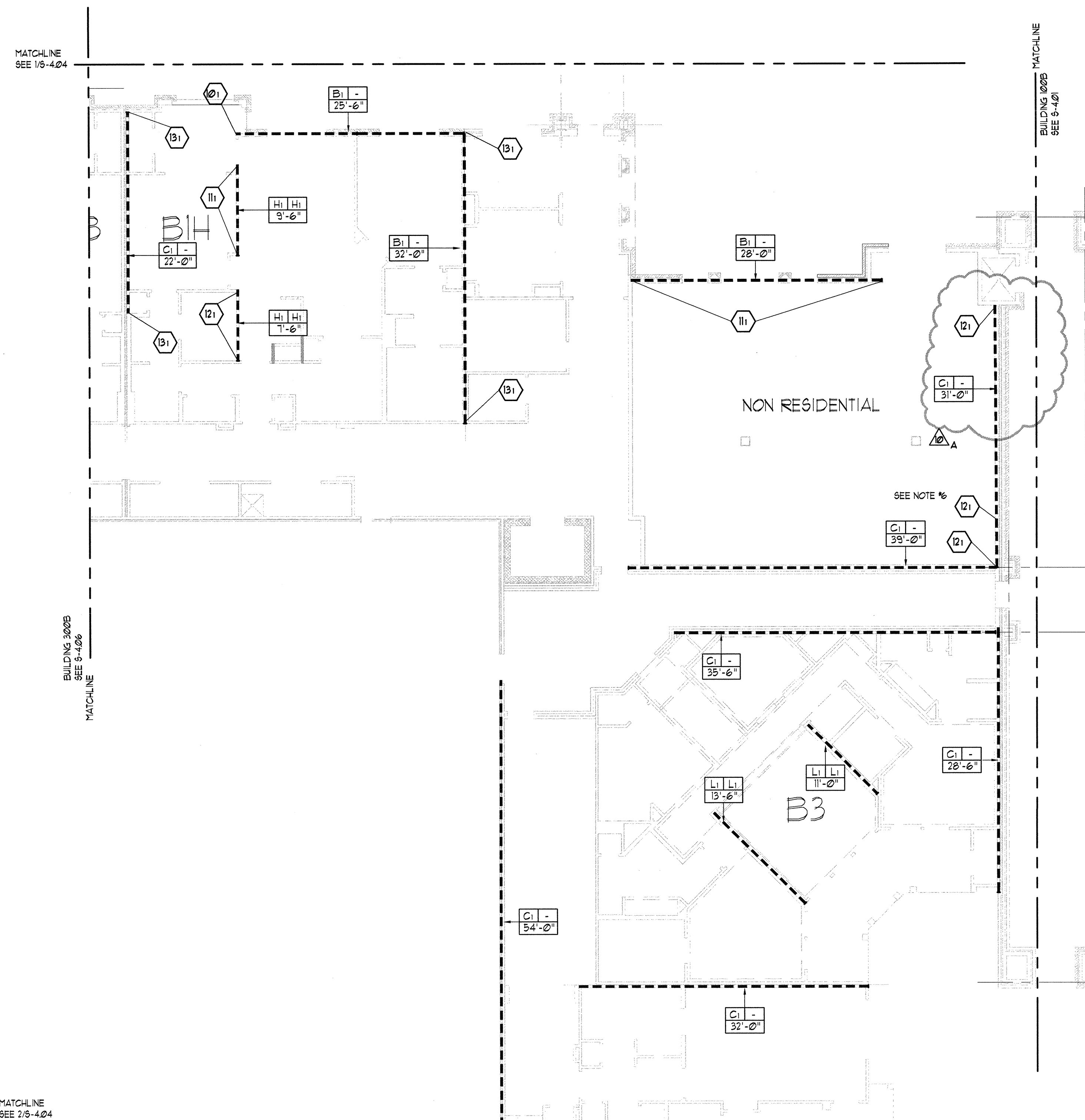
COMMENTS



1 BRACING PLAN LEVEL 1 - BLDG. 200A

SCALE: 1/8"=1'-0"

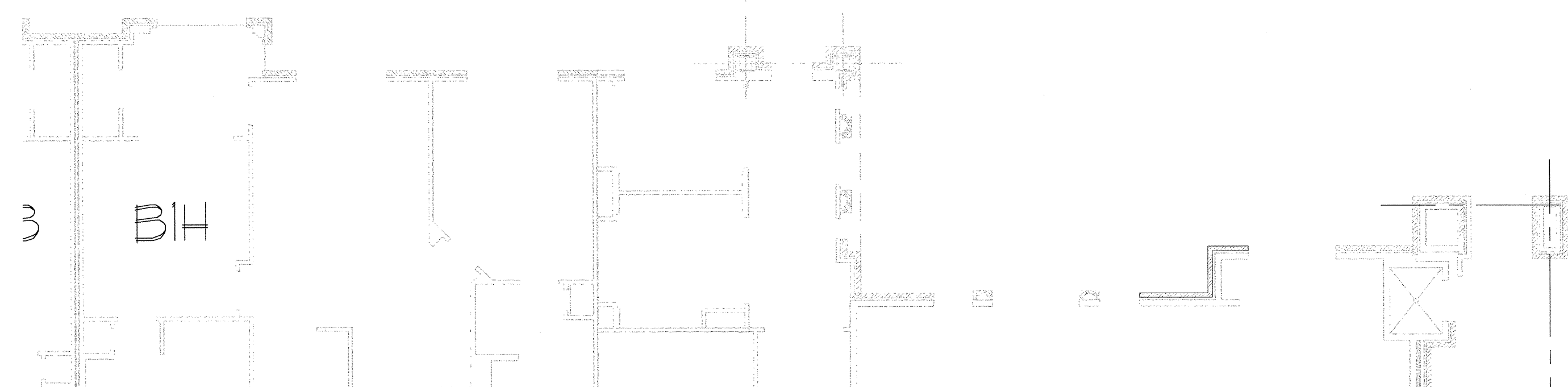
SEE S-4.01 FOR BRACING NOTES & LEGEND



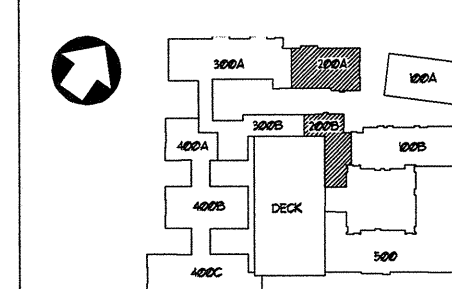
2 BRACING PLAN LEVEL 1 - BLDG. 200B

SCALE: 1/8"=1'-0"

SEE S-4.01 FOR BRACING NOTES & LEGEND

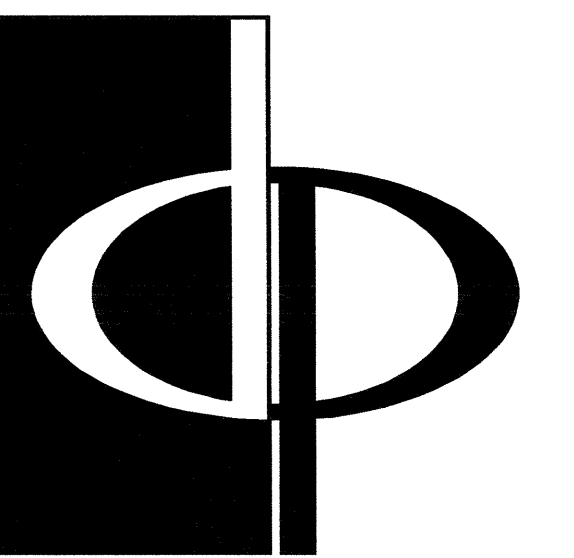


KEY PLAN



REVISION #10 SUMMARY
A REVISED EXTERIOR FRAMING/BRACING

PARKING DECK
BY OTHERS



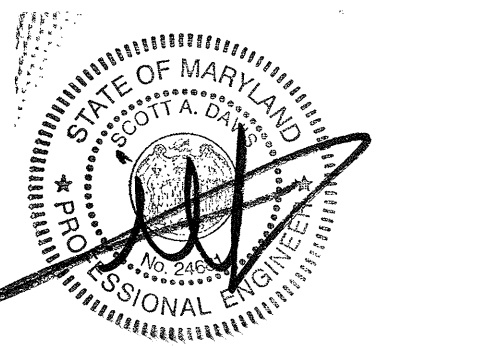
THE PRESTON PARTNERSHIP, LLC
A MULTI-DISCIPLINARY DESIGN FIRM

1000 ABERNATHY ROAD NE, SUITE 600
ATLANTA, GEORGIA 30328
TELEPHONE: 770 396 7248
FAX: 770 396 2945

WWW.THEPRESTONPARTNERSHIP.COM

CONSULTANT

SEAL



10.17.03

PROJECT

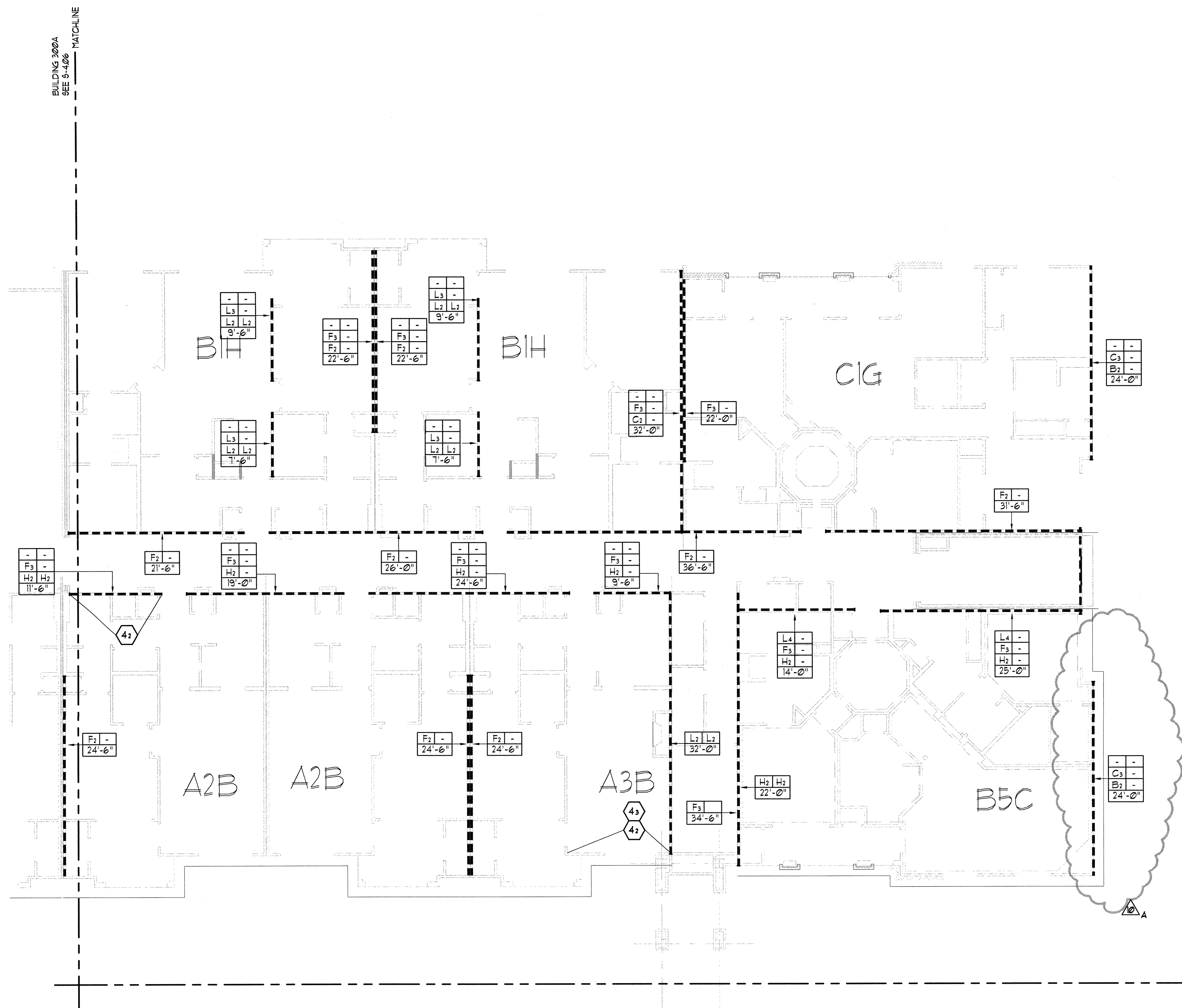
ARCHSTONE
KENTLANDS
945 GUNGE ORCHARD ROAD
GAITHERSBURG, MARYLAND

FOR

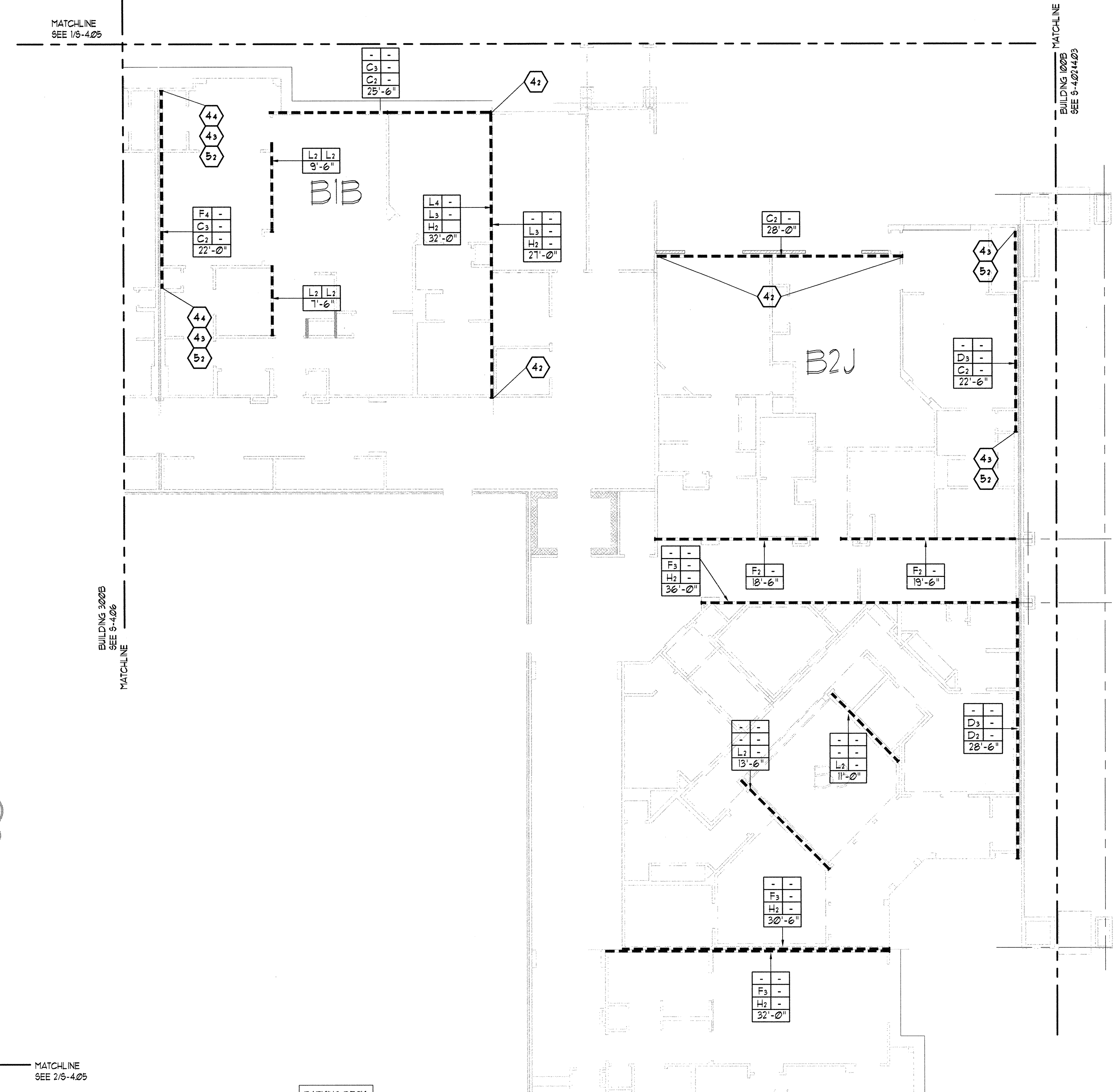
ARCHSTONE
COMMUNITIES
6631 OLD DOMINION DRIVE
MCLEAN, VIRGINIA 22101
703-883-3353

REVISIONS	
RELEASED FOR CONSTRUCTION	07/18/03
TOP POPOFF REVIEW COMMENTS	07/18/03

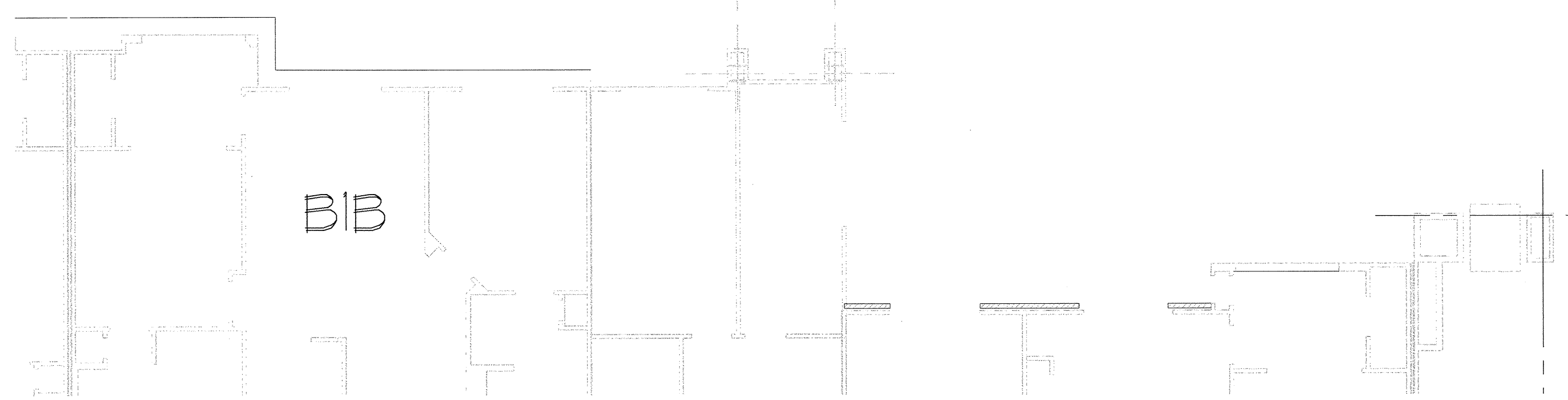
DATE: 07/31/03
 JOB NUMBER: 021102
 DRAWN BY: JRE, JR
 CHECKED BY: JRE, JR
 DRAWING TITLE: K1
 BRACING PLAN LEVELS 2 - 4 - BUILDING 200
 DRAWING NUMBER: S-4.05
 COMMENTS:



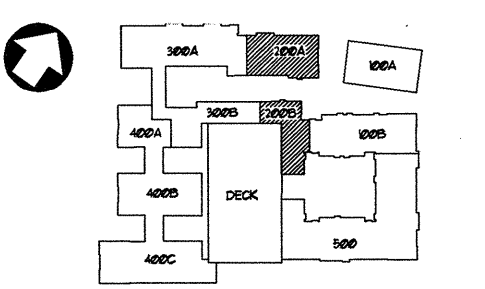
1 BRACING PLAN LEVELS 2 - 4 - BLDG. 200A
 SCALE: 1/8"=1'-0"
 SEE S-4.01 FOR BRACING NOTES & LEGEND



2 BRACING PLAN LEVELS 2 - 4 - BLDG. 200B
 SCALE: 1/8"=1'-0"
 SEE S-4.01 FOR BRACING NOTES & LEGEND



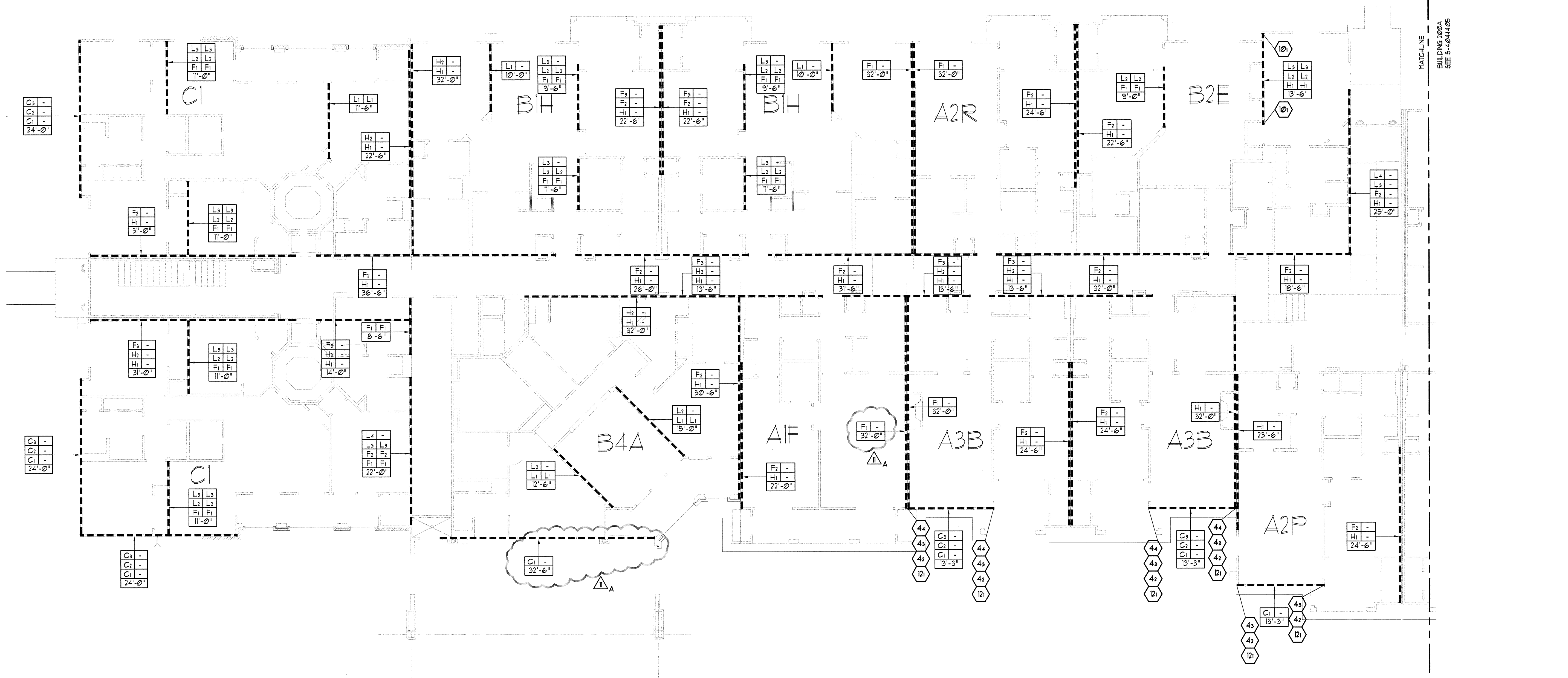
KEY PLAN



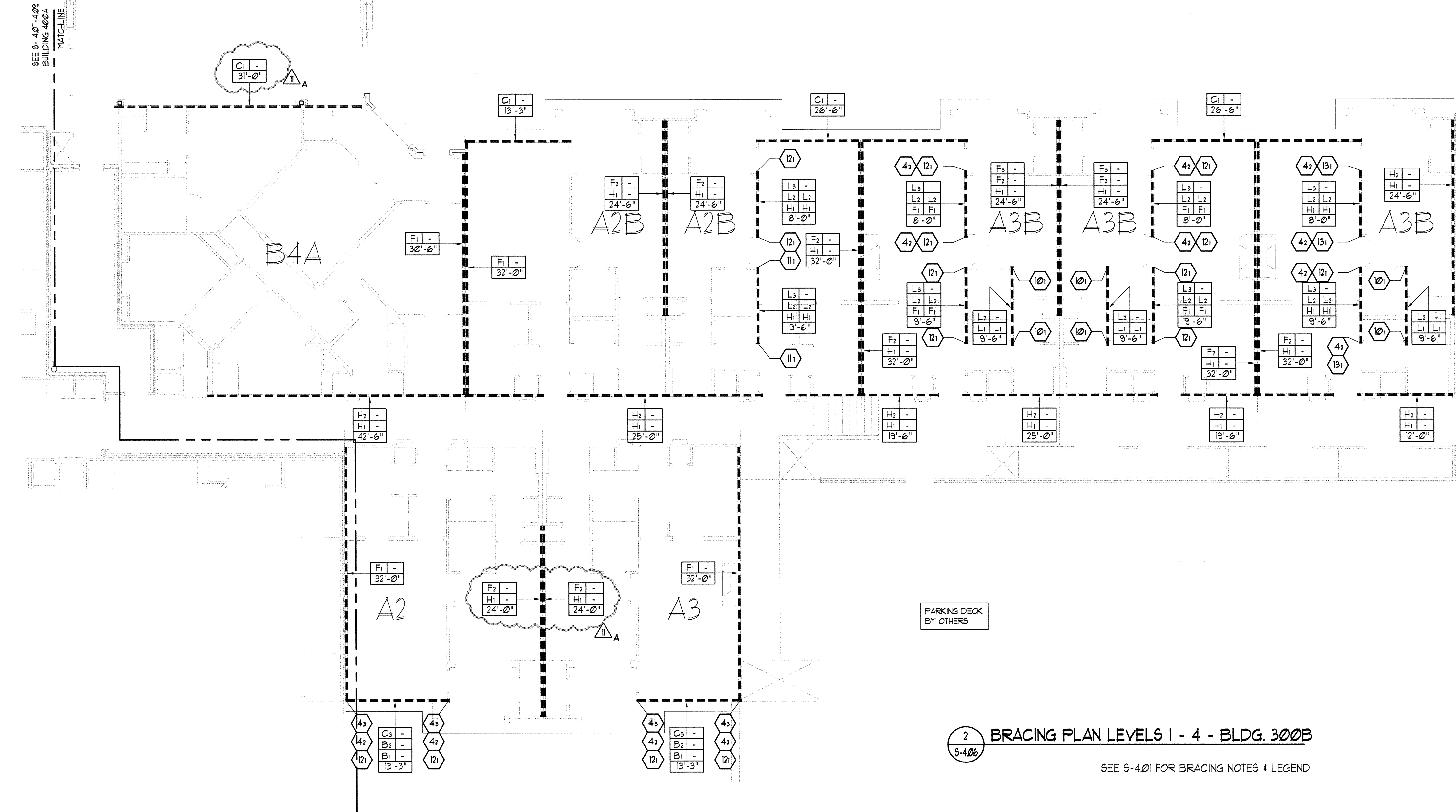
REVISION #10 SUMMARY

A. REVISED EXTERIOR FRAMING/BRACING

PARKING DECK BY OTHERS

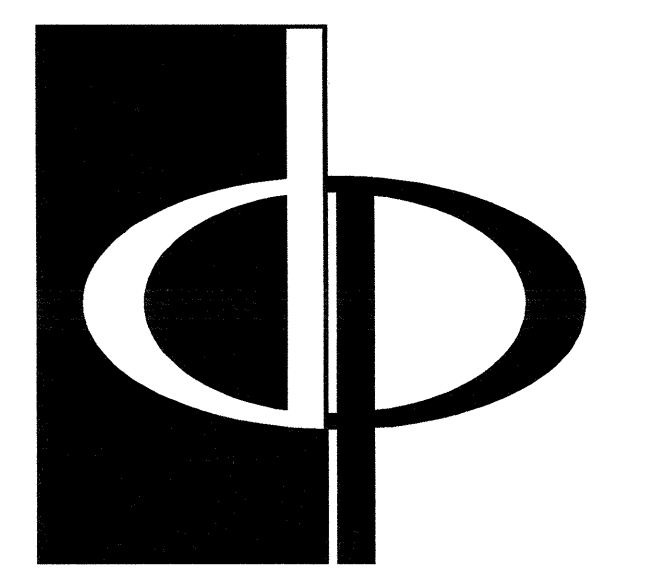
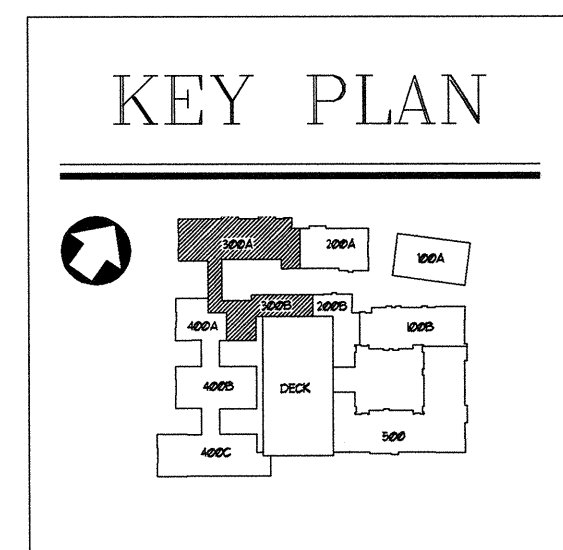


1 BRACING PLAN LEVELS 1 - 4 - BLDG. 300A
 SCALE: 1/8"=1'-0"
 SEE S-4.01 FOR BRACING NOTES & LEGEND



2 BRACING PLAN LEVELS 1 - 4 - BLDG. 300B
 SCALE: 1/8"=1'-0"
 SEE S-4.01 FOR BRACING NOTES & LEGEND

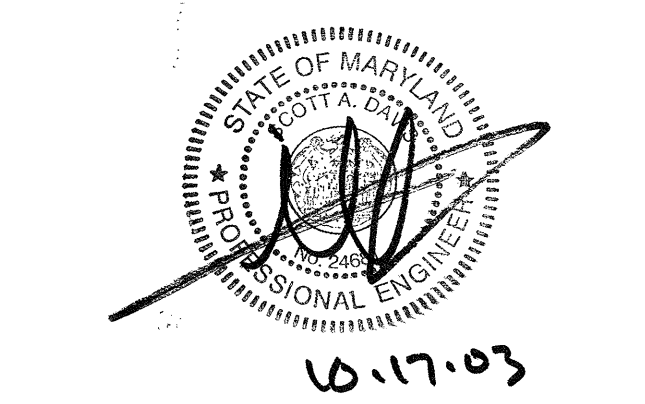
REVISION #11 SUMMARY
 A. REVISED WALL LENGTH



THE PRESTON PARTNERSHIP, LLC
 A MULTI-DISCIPLINARY DESIGN FIRM
 1000 ABERNATHY ROAD NE, SUITE 600
 ATLANTA, GEORGIA 30328
 TELEPHONE: 770 396 7248
 FAX: 770 396 2945
 WWW.THEPRESTONPARTNERSHIP.COM

CONSULTANT

SEAL



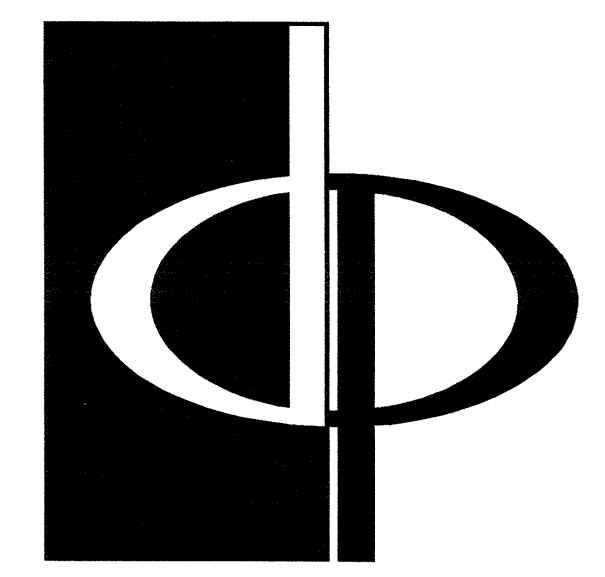
PROJECT
 ARCHSTONE
 KENTLANDS
 949 QUINCE ORCHARD ROAD
 GAITHERSBURG, MARYLAND

FOR

ARCHSTONE
 COMMUNITIES
 6631 OLD DOMINION DRIVE
 MCLEAN, VIRGINIA 22101
 703-883-3353

REVISIONS	DATE
RELEASED FOR CONSTRUCTION	07/18/03
TOM POPOFF REVIEW COMMENTS	07/18/03
CLUB HOUSE DESIGN	09/08/03

DATE: 01/31/03
 JOB NUMBER: 021102
 DRAWN BY: JRE/JR
 CHECKED BY: JRE/JR
 DRAWING TITLE: KEY
 BRACING PLAN LEVELS 1 - 4 - BUILDING 300
 DRAWING NUMBER: S-4.06
 COMMENTS:

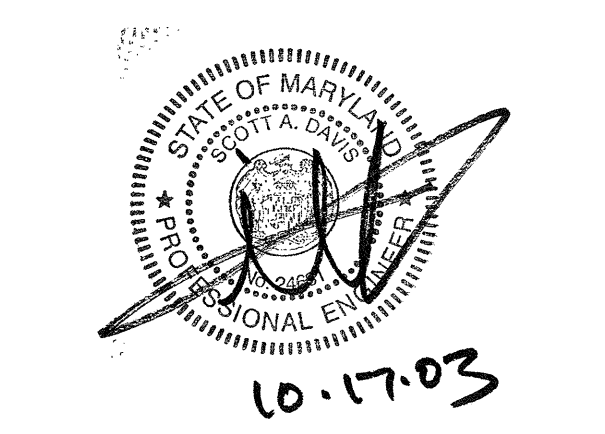


THE PRESTON PARTNERSHIP, LLC
A MULTI-DISCIPLINARY DESIGN FIRM

1000 ABERNATHY ROAD NE, SUITE 600
ATLANTA, GEORGIA 30328
TELEPHONE: 770 396 7248
FAX: 770 396 2945
WWW.THEPRESTONPARTNERSHIP.COM

CONSULTANT

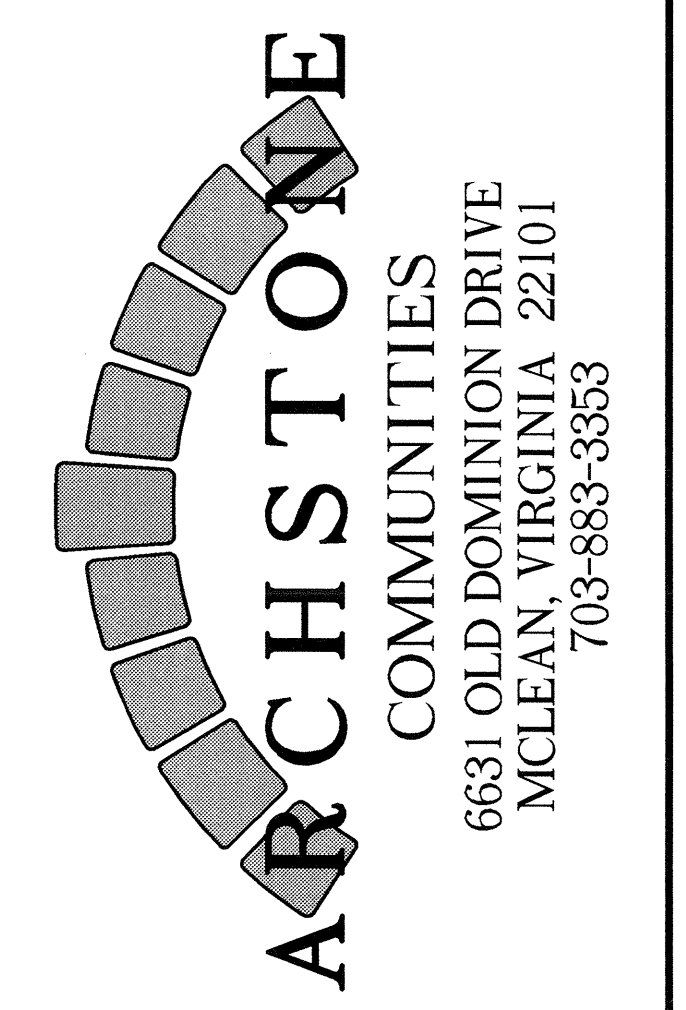
SEAL



PROJECT

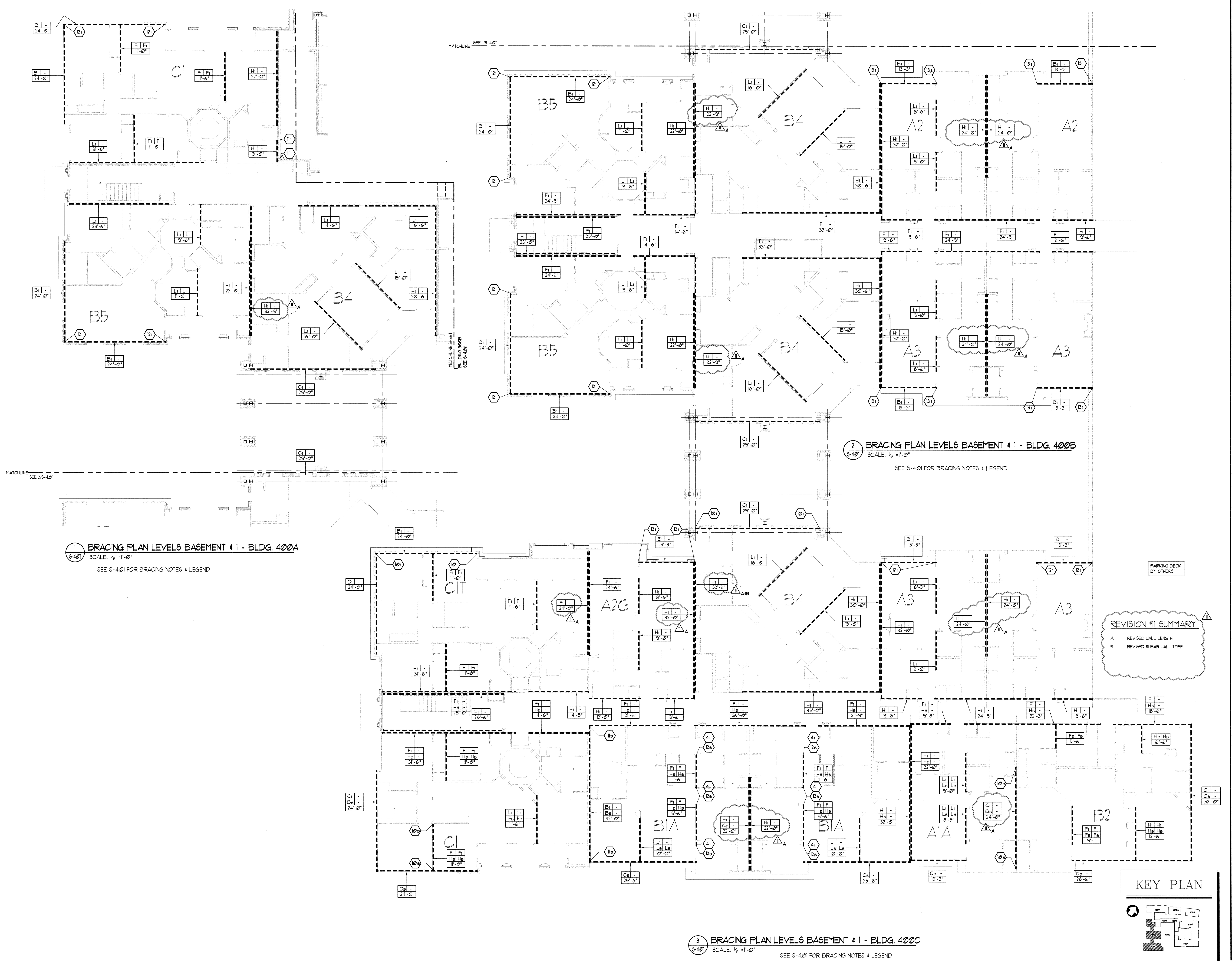
ARCHSTONE
KENTLANDS
949 QUINCE ORCHARD ROAD
GAITHERSBURG, MARYLAND

FOR



REVISIONS
RELEASED FOR CONSTRUCTION 01/18/03
CLUB HOUSE DESIGN 09/05/03

DATE 01/31/03
JOB NUMBER 02117008
DRAWN BY JRE/JR
CHECKED BY JRE/JR
DRAWING TITLE BRACING PLAN LEVELS BASEMENT #1 - BUILDING 400
DRAWING NUMBER S-4.07
COMMENTS



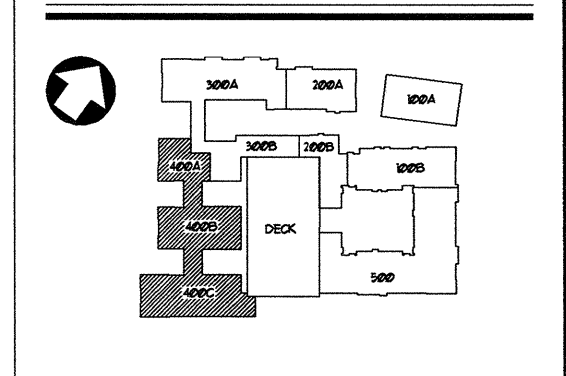
1 BRACING PLAN LEVELS BASEMENT #1 - BLDG. 400A
SCALE: 1/8"=1'-0"
SEE S-4.01 FOR BRACING NOTES & LEGEND

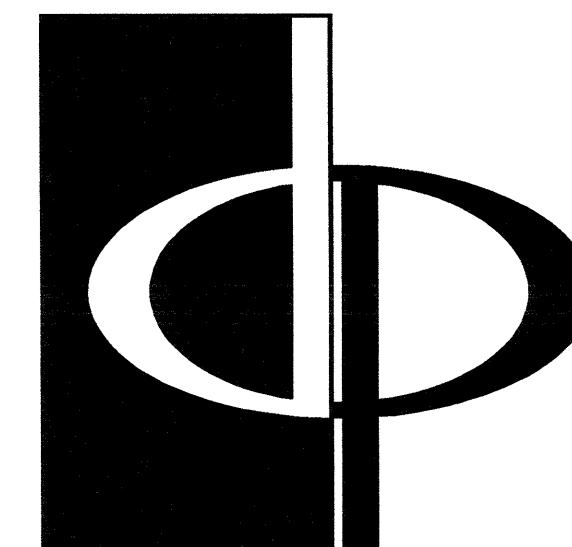
2 BRACING PLAN LEVELS BASEMENT #1 - BLDG. 400B
SCALE: 1/8"=1'-0"
SEE S-4.01 FOR BRACING NOTES & LEGEND

3 BRACING PLAN LEVELS BASEMENT #1 - BLDG. 400C
SCALE: 1/8"=1'-0"
SEE S-4.01 FOR BRACING NOTES & LEGEND

REVISION #11 SUMMARY
A. REVISED WALL LENGTH
B. REVISED SHEAR WALL TYPE

KEY PLAN





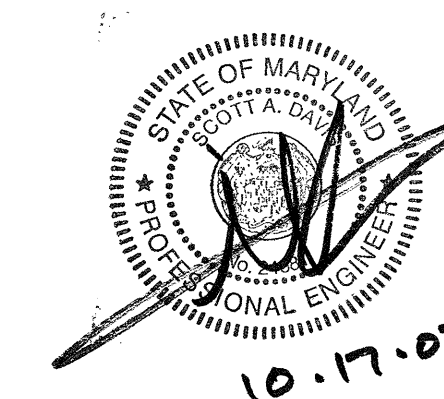
THE PRESTON PARTNERSHIP, LLC
A MULTI-DISCIPLINARY DESIGN FIRM

1000 ABERNATHY ROAD NE, SUITE 600
ATLANTA, GEORGIA 30328
TELEPHONE: 770 396 7248
FAX: 770 396 2945

WWW.THEPRESTONPARTNERSHIP.COM

CONSULTANT

SEAL



PROJECT

ARCHSTONE
KENTLANDS

949 GUNCE ORCHARD ROAD
GAITHERSBURG, MARYLAND

FOR

ARCHSTONE
COMMUNITIES
6631 OLD DOMINION DRIVE
MCLEAN, VIRGINIA 22101
703-883-3353

REVISIONS

RELEASED FOR CONSTRUCTION 07/18/03
CLUB HOUSE DESIGN 09/05/03

DATE 01/31/03

JOB NUMBER 021108

DRAWN BY JRE/JR

CHECKED BY

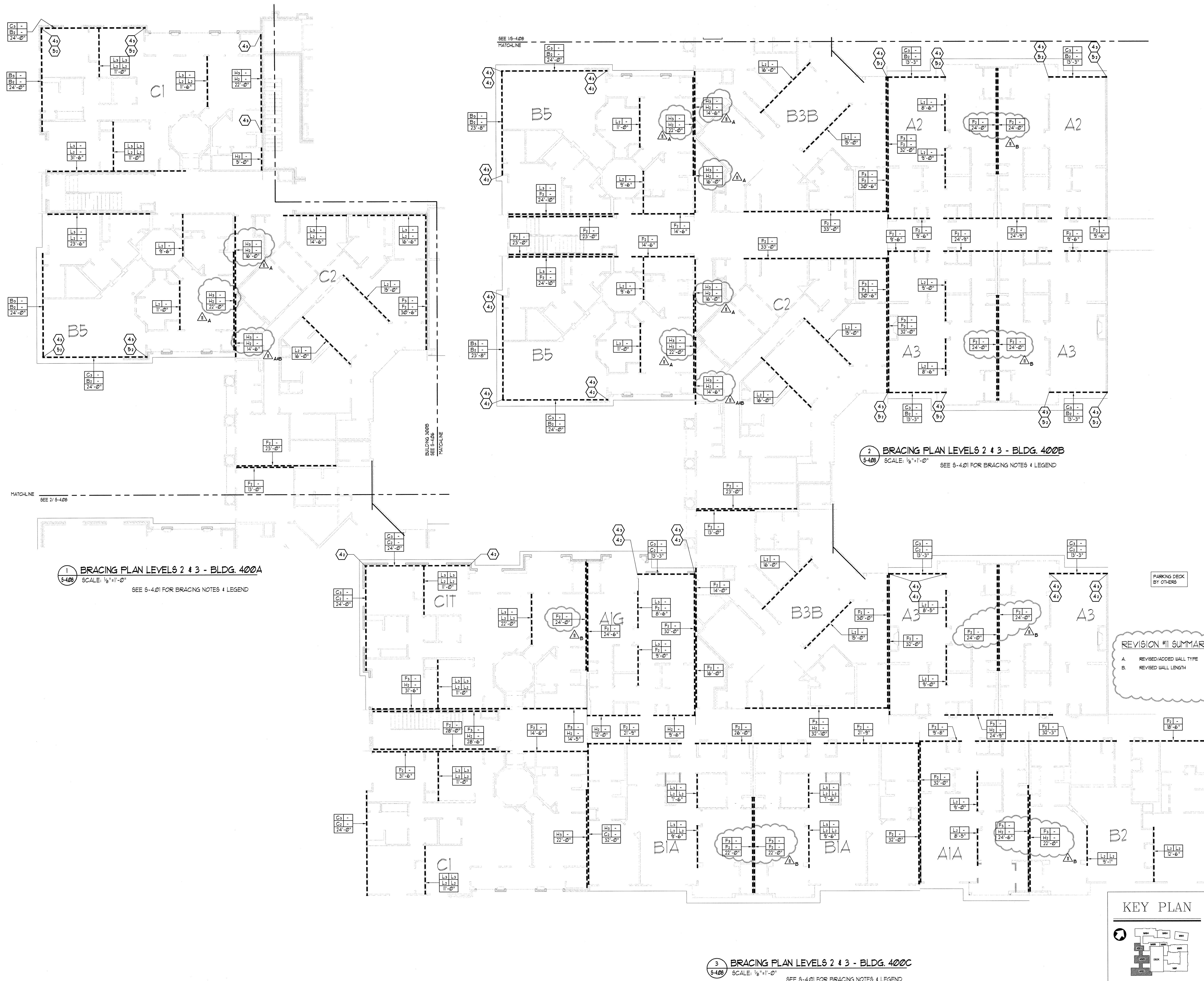
DRAWING TITLE KM

BRACING PLAN LEVELS 2 & 3 - BUILDING 400

DRAWING NUMBER

5-4.08

COMMENTS

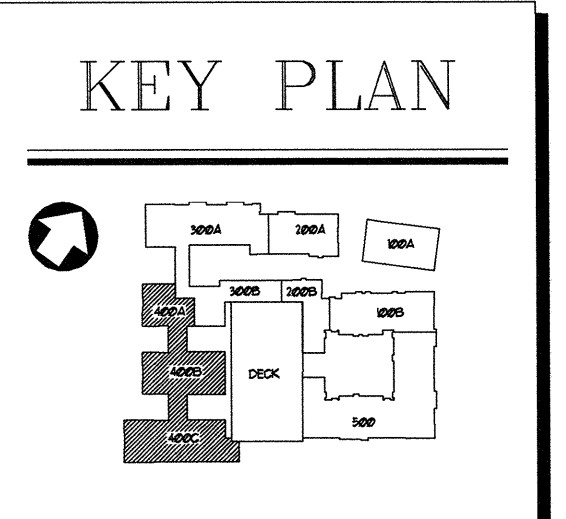


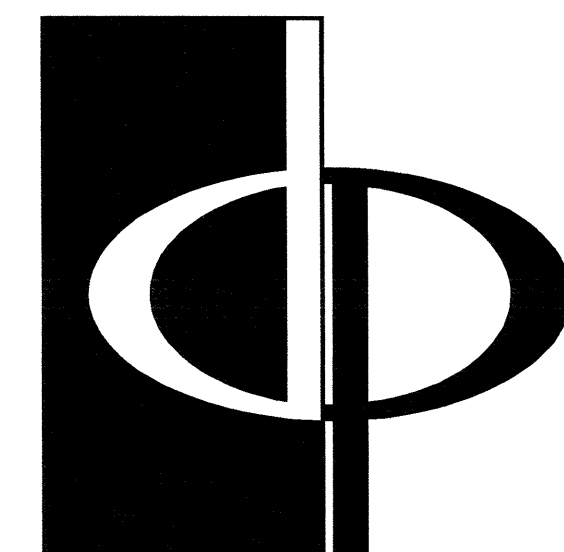
1 BRACING PLAN LEVELS 2 & 3 - BLDG. 400A
SCALE: 1/8"=1'-0"
SEE 5-4.01 FOR BRACING NOTES & LEGEND

2 BRACING PLAN LEVELS 2 & 3 - BLDG. 400B
SCALE: 1/8"=1'-0"
SEE 5-4.01 FOR BRACING NOTES & LEGEND

3 BRACING PLAN LEVELS 2 & 3 - BLDG. 400C
SCALE: 1/8"=1'-0"
SEE 5-4.01 FOR BRACING NOTES & LEGEND

REVISION #11 SUMMARY
A. REVISED/ADDED WALL TYPE
B. REVISED WALL LENGTH





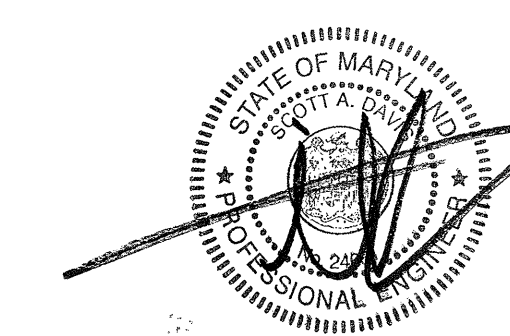
THE PRESTON PARTNERSHIP, LLC
A MULTI-DISCIPLINARY DESIGN FIRM

1000 ABERNATHY ROAD NE, SUITE 600
ATLANTA, GEORGIA 30328
TELEPHONE: 770 396 7248
FAX: 770 396 2945

WWW.THEPRESTONPARTNERSHIP.COM

CONSULTANT

SEAL



10.17.03

PROJECT

ARCHSTONE
KENTLANDS

949 QUINCE ORCHARD ROAD
GAITHERSBURG, MARYLAND

FOR



REVISIONS

RELEASED FOR CONSTRUCTION 01/18/03
CLUB HOUSE DESIGN 09/15/03

DATE 01/31/03

JOB NUMBER 0211102B

DRAWN BY JREJR

CHECKED BY JREJR

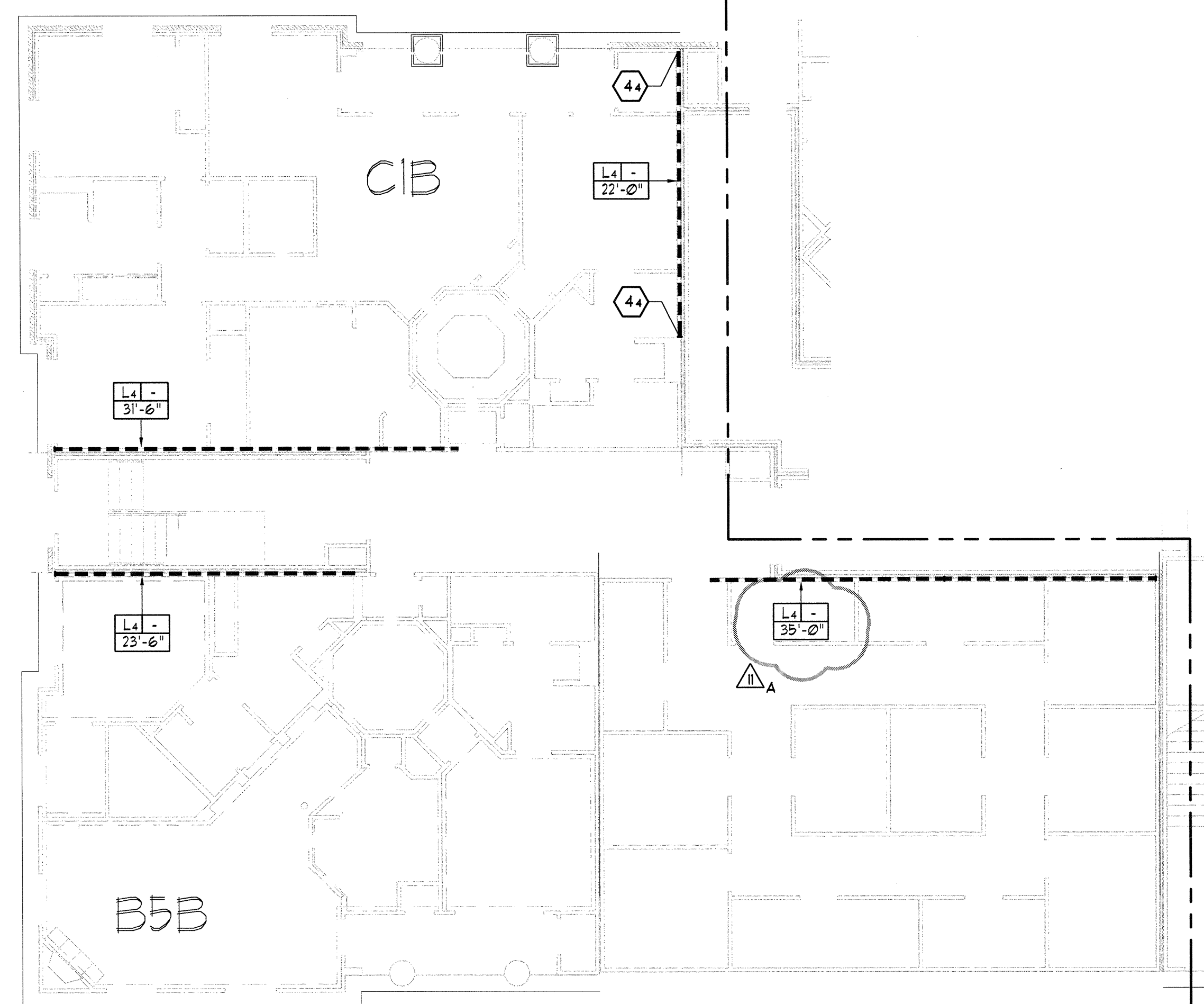
DRAWING TITLE KM

BRACING PLAN
LEVEL 4 - BUILDING 400

DRAWING NUMBER

5-4.09

COMMENTS

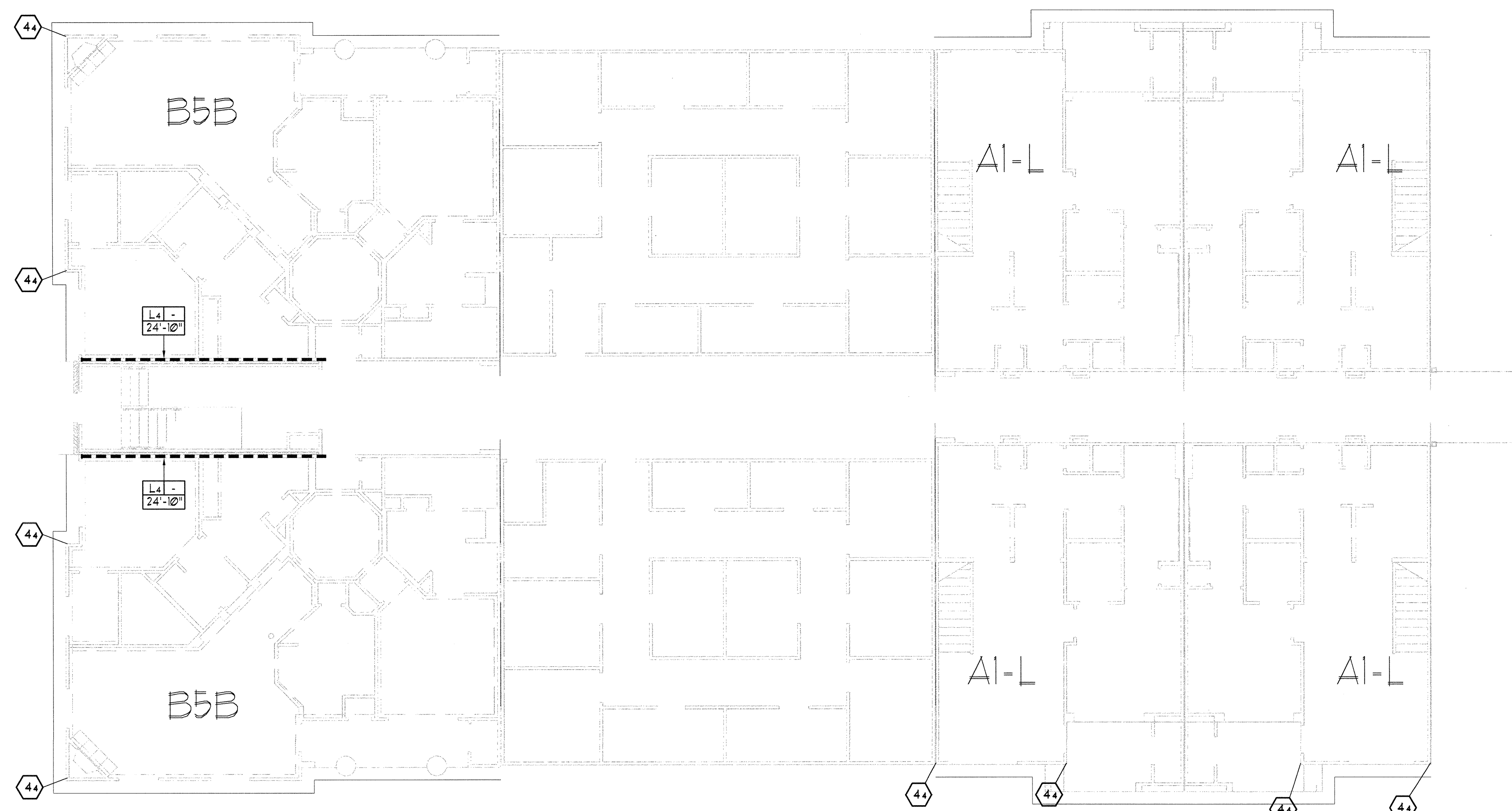


1 BRACING PLAN LEVEL 4 - BLDG. 400A

SCALE: 1/8"=1'-0"

SEE 5-4.01 FOR BRACING NOTES & LEGEND

MATCHLINE SEE 1/6-4.09

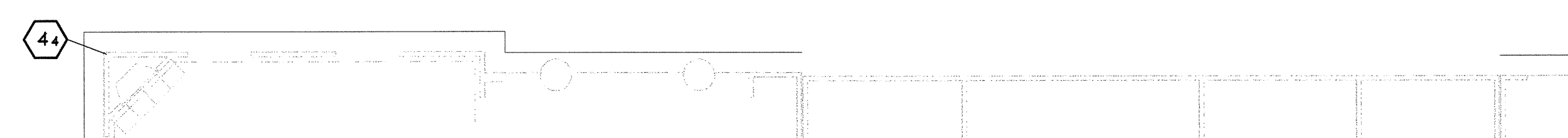


2 BRACING PLAN LEVEL 4 - BLDG. 400B

SCALE: 1/8"=1'-0"

SEE 5-4.01 FOR BRACING NOTES & LEGEND

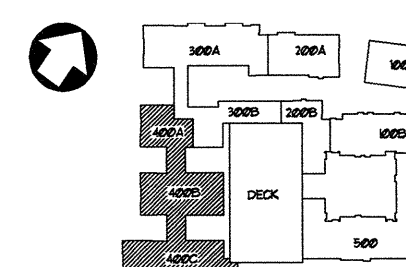
MATCHLINE SEE 7/6-4.09



REVISION #11 SUMMARY

A REVISED WALL LENGTH

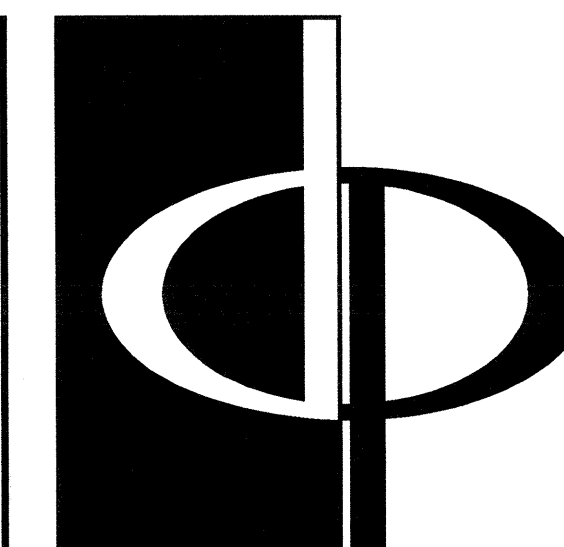
KEY PLAN



3 BRACING PLAN LEVEL 4 - BLDG. 400C

SCALE: 1/8"=1'-0"

SEE 5-4.01 FOR BRACING NOTES & LEGEND



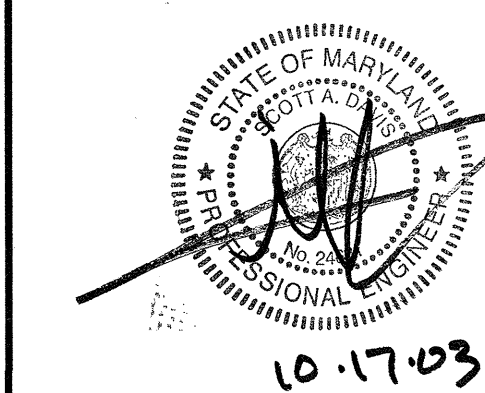
THE PRESTON PARTNERSHIP, LLC
A MULTI-DISCIPLINARY DESIGN FIRM

1000 ABERNATHY ROAD NE, SUITE 600
ATLANTA, GEORGIA 30328
TELEPHONE: 770 396 7248
FAX: 770 396 2945

WWW.THEPRESTONPARTNERSHIP.COM

CONSULTANT

SEAL



PROJECT

ARCHSTONE
KENTLANDS

545 QUINCE ORCHARD ROAD
GATHERSBURG, MARYLAND

FOR

ARCHSTONE
COMMUNITIES
6631 OLD DOMINION DRIVE
MCLEAN, VIRGINIA 22101
703-883-3353

REVISIONS

RELEASED FOR CONSTRUCTION 01/31/03
CLUB HOUSE DESIGN 09/10/02

DATE 01/31/03

JOB NUMBER 021102

DRAWN BY JRE/JR

CHECKED BY JRE/JR

DRAWING TITLE K1

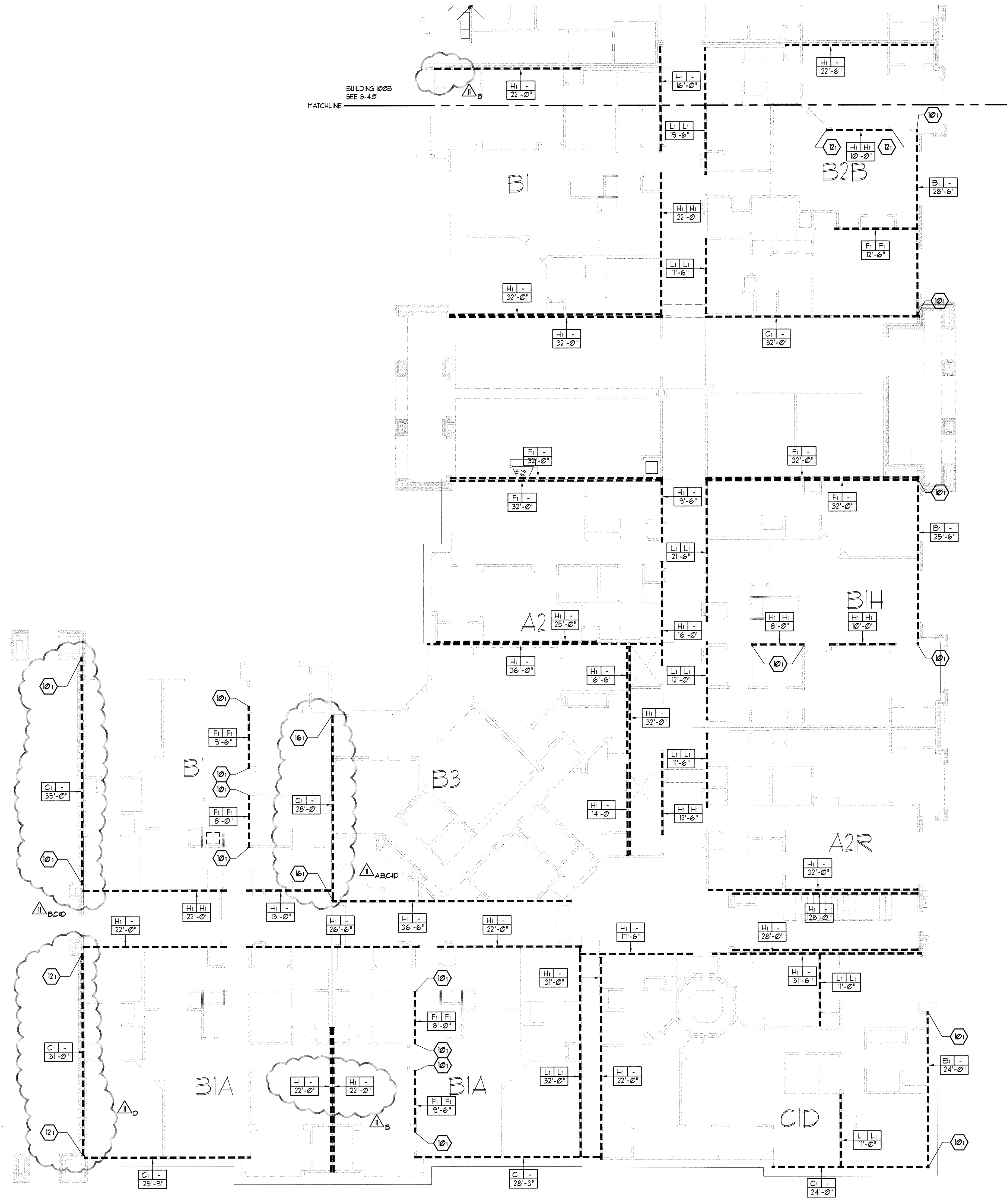
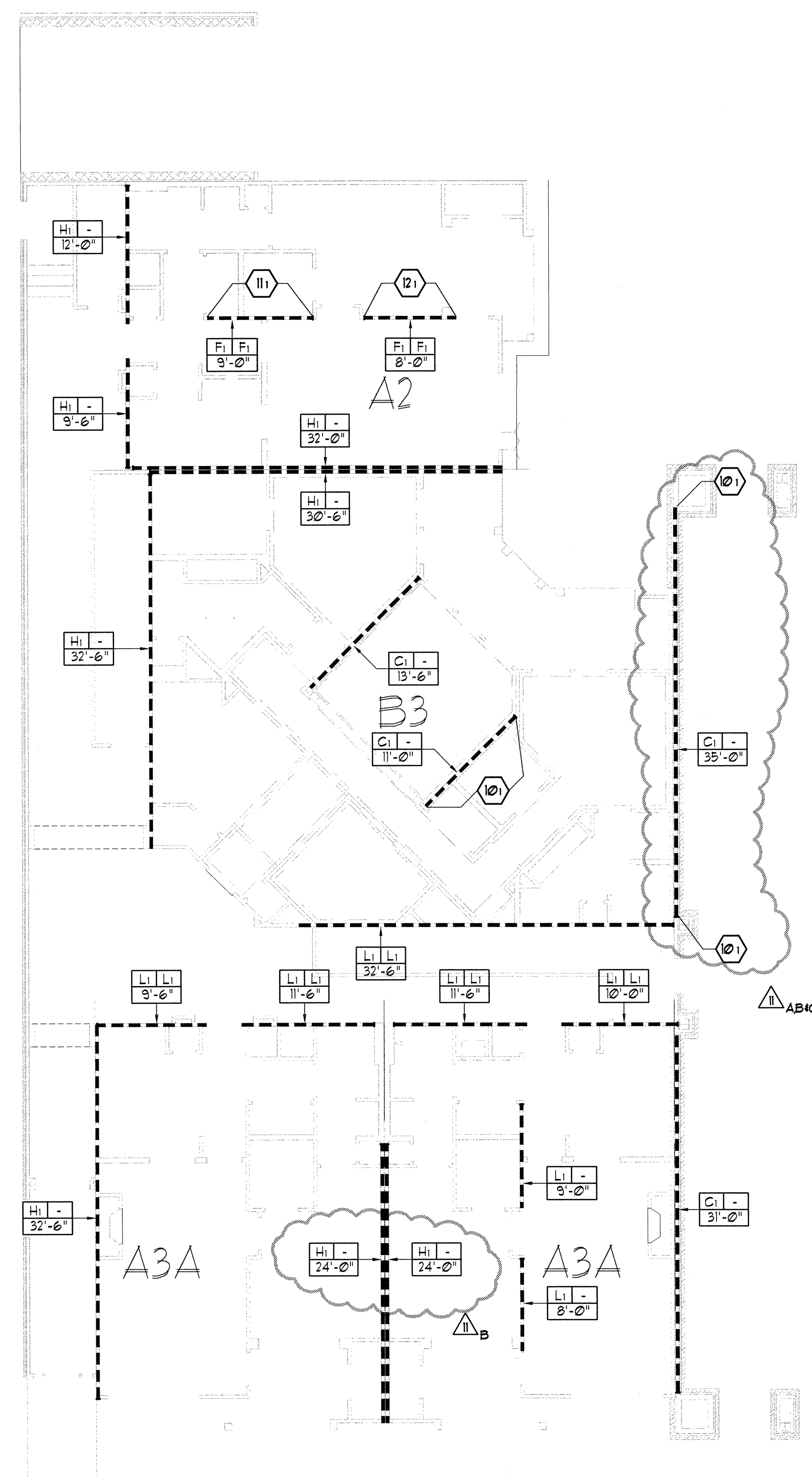
BRACING PLAN

LEVEL 1 - BUILDING 500

DRAWING NUMBER

S-4.10

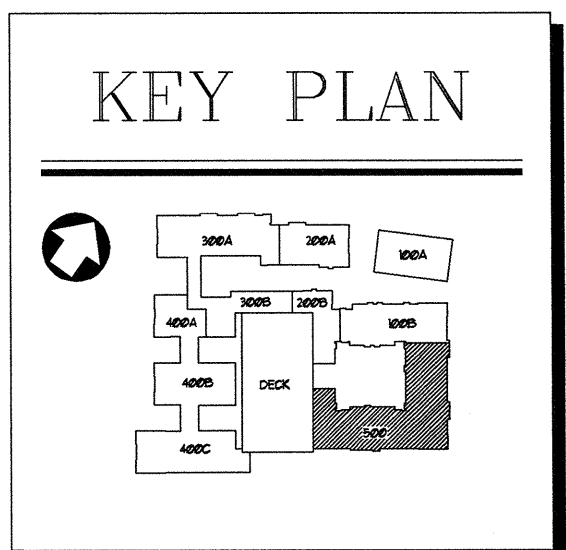
COMMENTS



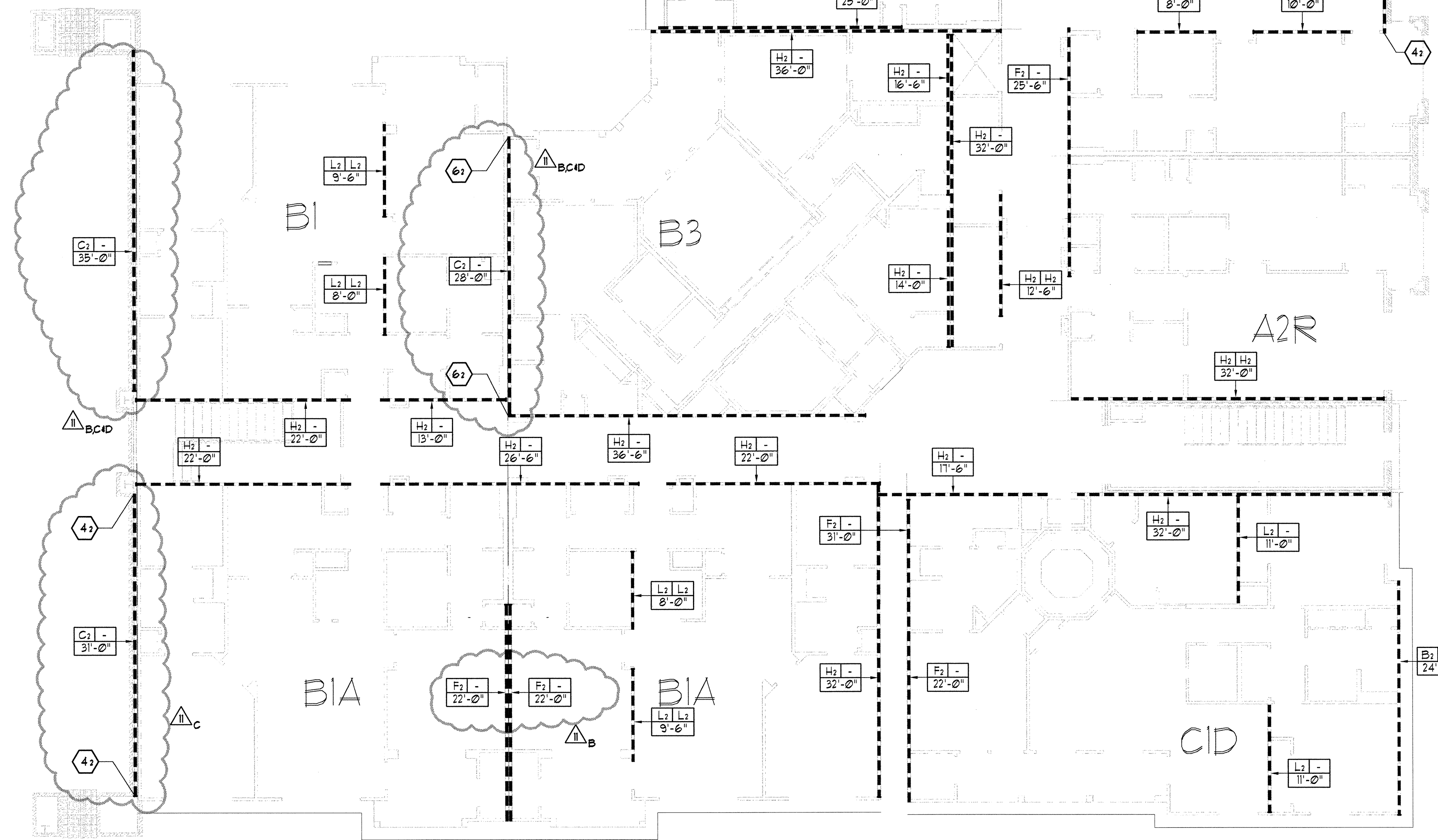
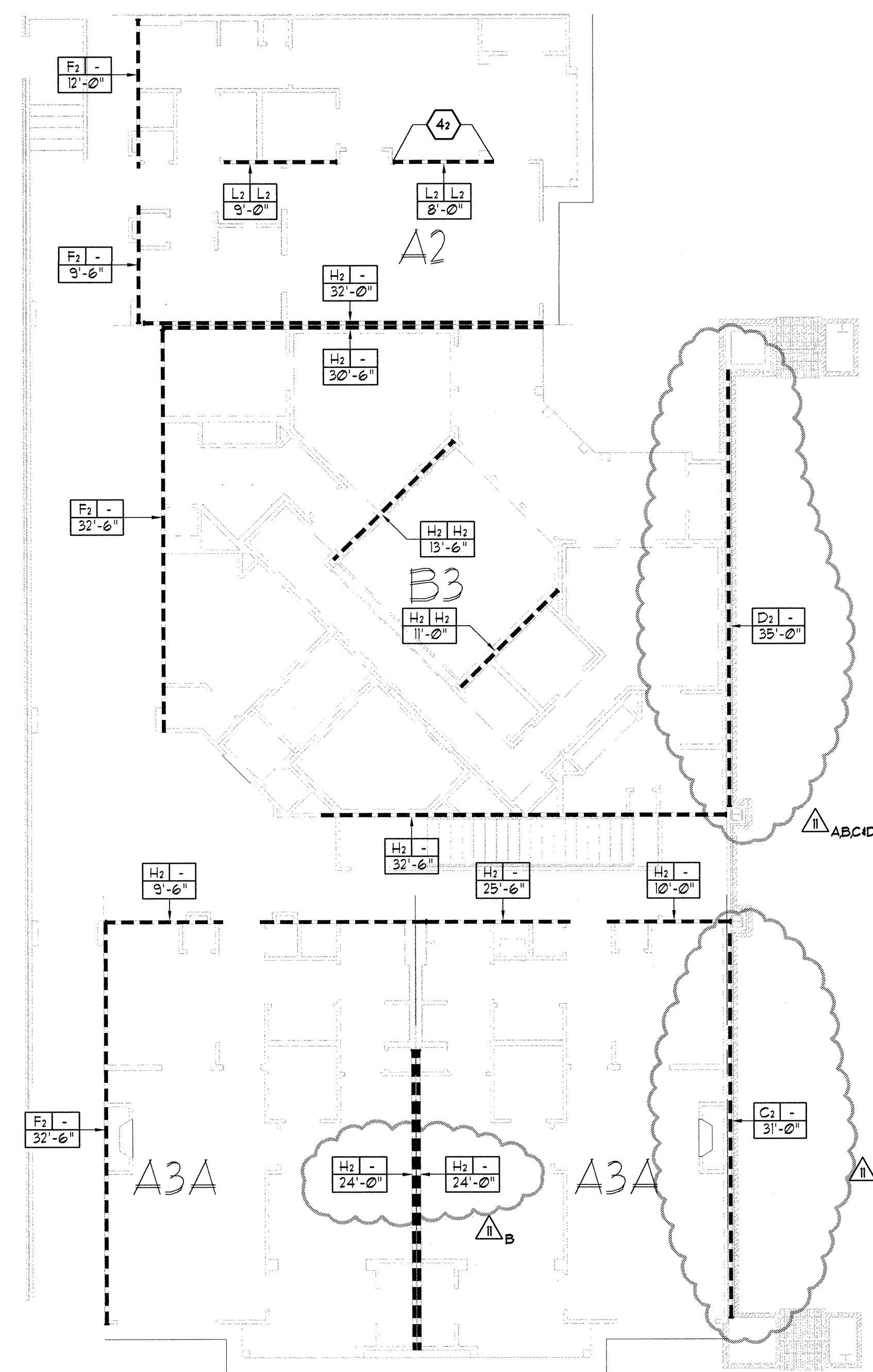
1 BRACING PLAN LEVEL 1 - BLDG. 500
5-4.10 SCALE: 1/8"=1'-0"
SEE 5-4.01 FOR BRACING NOTES & LEGEND

REVISION #11 SUMMARY

A.	REVISED WALL TYPE
B.	REVISED WALL LENGTH
C.	REVISED END ANCHORAGE TYPE
D.	REVISED SHEAR WALL LOCATION



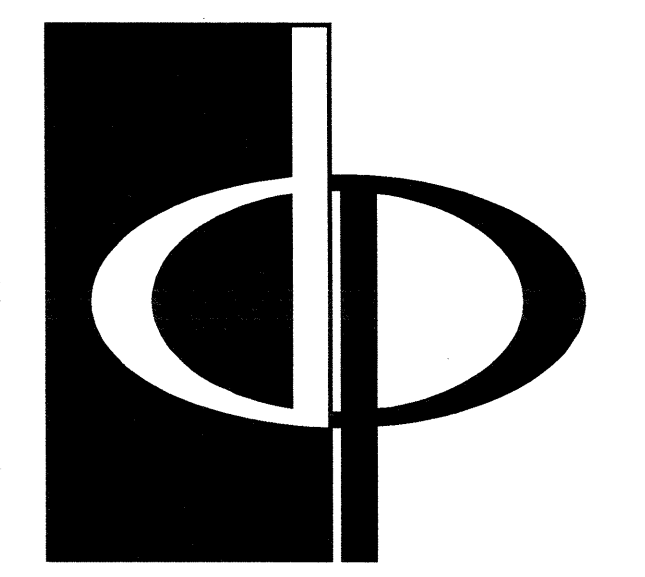
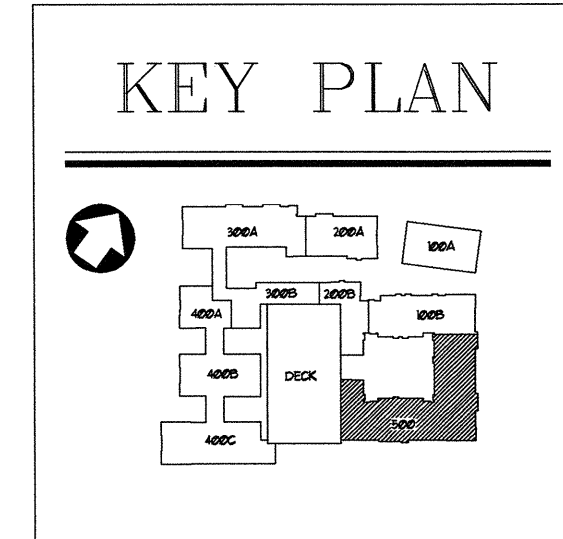
BUILDING 500B
SEE S-4.02
MATCHLINE



1 BRACING PLAN LEVEL 2 - BLDG. 500
S-4.11 SCALE: 1/8"=1'-0" SEE S-4.01 FOR BRACING NOTES & LEGEND

REVISION #1 SUMMARY

A.	REVISED SHEAR WALL TYPE
B.	REVISED WALL LENGTH
C.	REVISED SHEAR WALL LOCATION
D.	REMOVED/REVISED END ANCHORAGE TYPE
E.	ADDED/REVISED SHEAR WALL

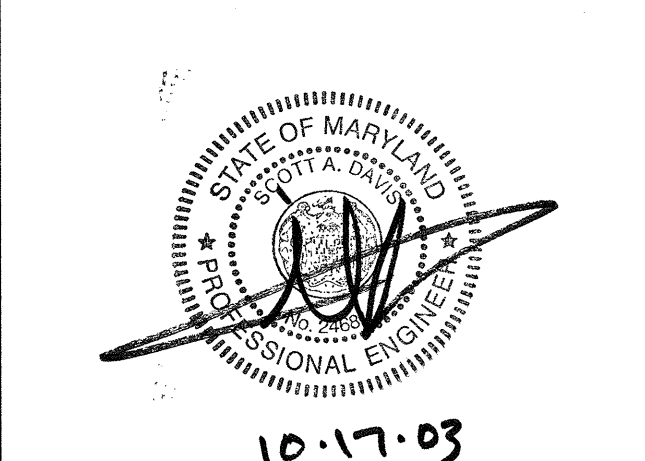


THE PRESTON PARTNERSHIP, LLC
A MULTI-DISCIPLINARY DESIGN FIRM

1000 ABERNATHY ROAD NE, SUITE 600
ATLANTA, GEORGIA 30328
TELEPHONE: 770 396 7248
FAX: 770 396 2945
WWW.THEPRESTONPARTNERSHIP.COM

CONSULTANT

SEAL



PROJECT

ARCHSTONE
KENTLANDS
949 GUNGE ORCHARD ROAD
GAITHERSBURG, MARYLAND

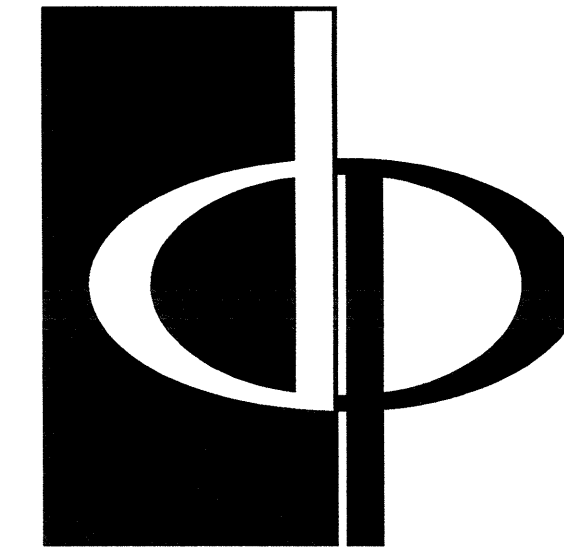
FOR

ARCHSTONE
COMMUNITIES
6631 OLD DOMINION DRIVE
MCLEAN, VIRGINIA 22101
703-883-3353

REVISIONS

RELEASED FOR CONSTRUCTION	07/18/03
CLUB HOUSE DESIGN	09/15/03

DATE: 01/31/03
JOB NUMBER: 021100
DRAWN BY: JREJR
CHECKED BY: JREJR
DRAWING TITLE: BRACING PLAN LEVEL 2 - BUILDING 500
DRAWING NUMBER: S-4.11
COMMENTS:



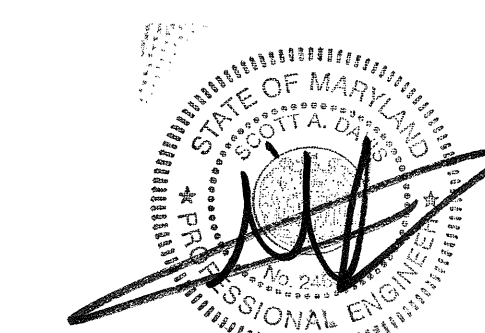
THE PRESTON PARTNERSHIP, LLC
A MULTI-DISCIPLINARY DESIGN FIRM

1000 ABERNATHY ROAD NE, SUITE 600
ATLANTA, GEORGIA 30328
TELEPHONE: 770 396 7248
FAX: 770 396 2945

WWW.THEPRESTONPARTNERSHIP.COM

CONSULTANT

SEAL



10.17.03

PROJECT

ARCHSTONE
KENTLANDS

949 QUINCE ORCHARD ROAD
GAITHERSBURG, MARYLAND

FOR

ARCHSTONE
COMMUNITIES
6531 OLD DOMINION DRIVE
MCLEAN, VIRGINIA 22101
703-883-3353

REVISIONS

RELEASED FOR CONSTRUCTION 07/31/03
CLUB HOUSE DESIGN 09/05/03

DATE 07/31/03

JOB NUMBER 0211708

DRAWN BY JRE/JR

CHECKED BY KM

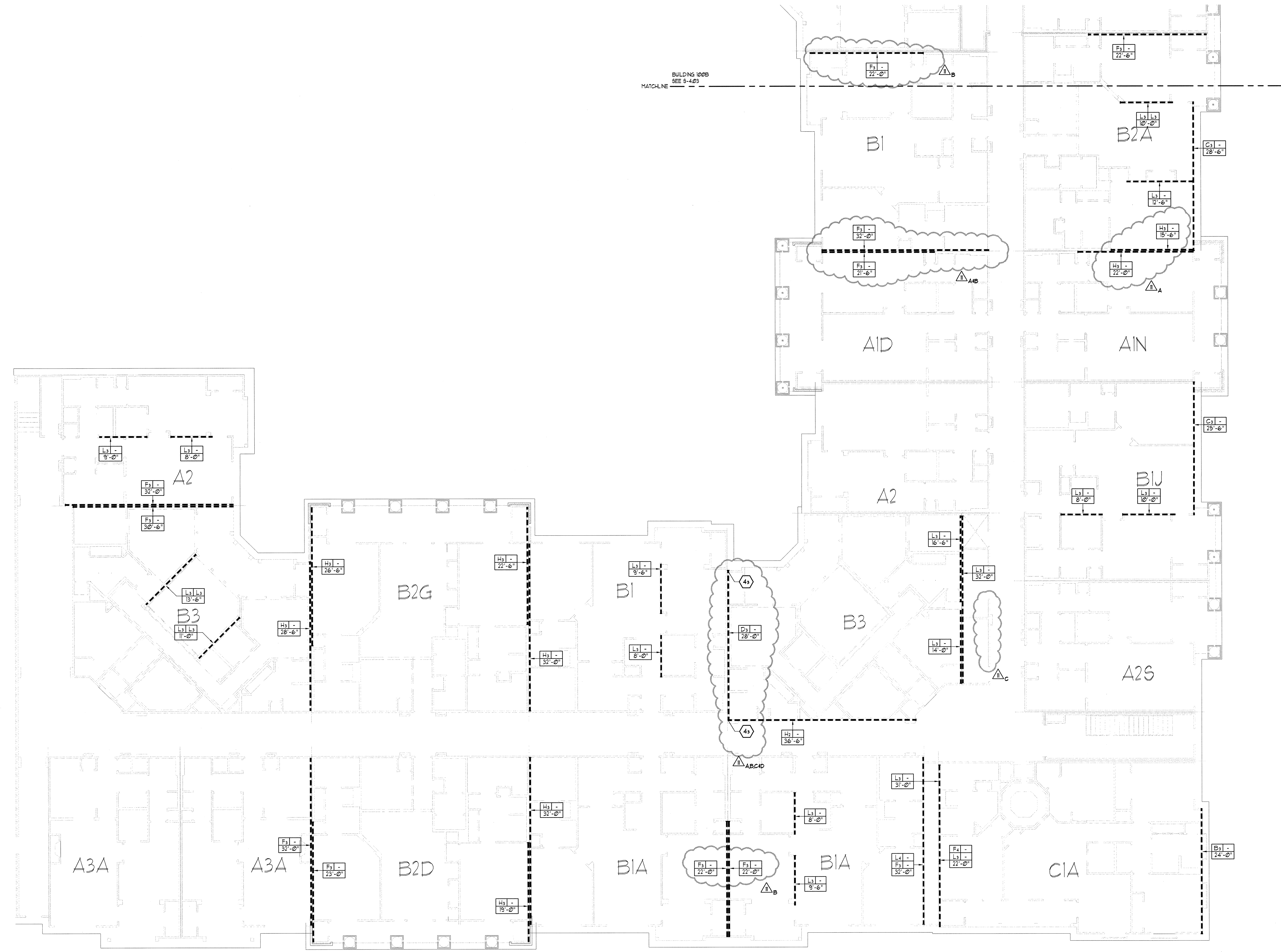
DRAWING TITLE

BRACING PLAN LEVELS 3 & 4 - BUILDING 500

DRAWING NUMBER

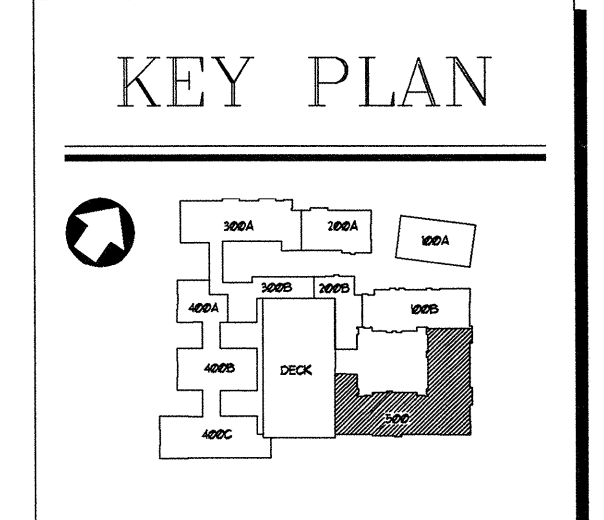
S-4.12

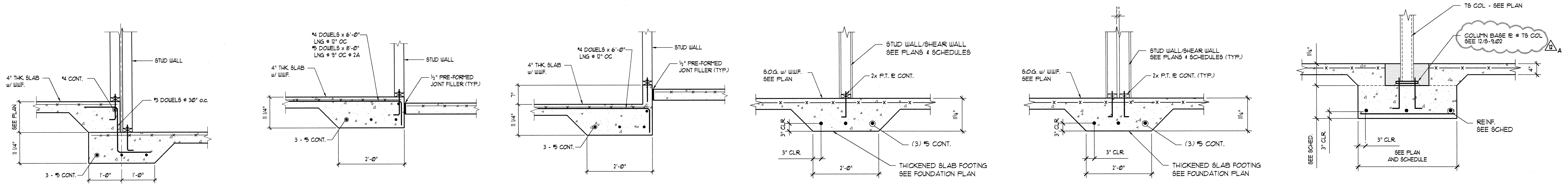
COMMENTS



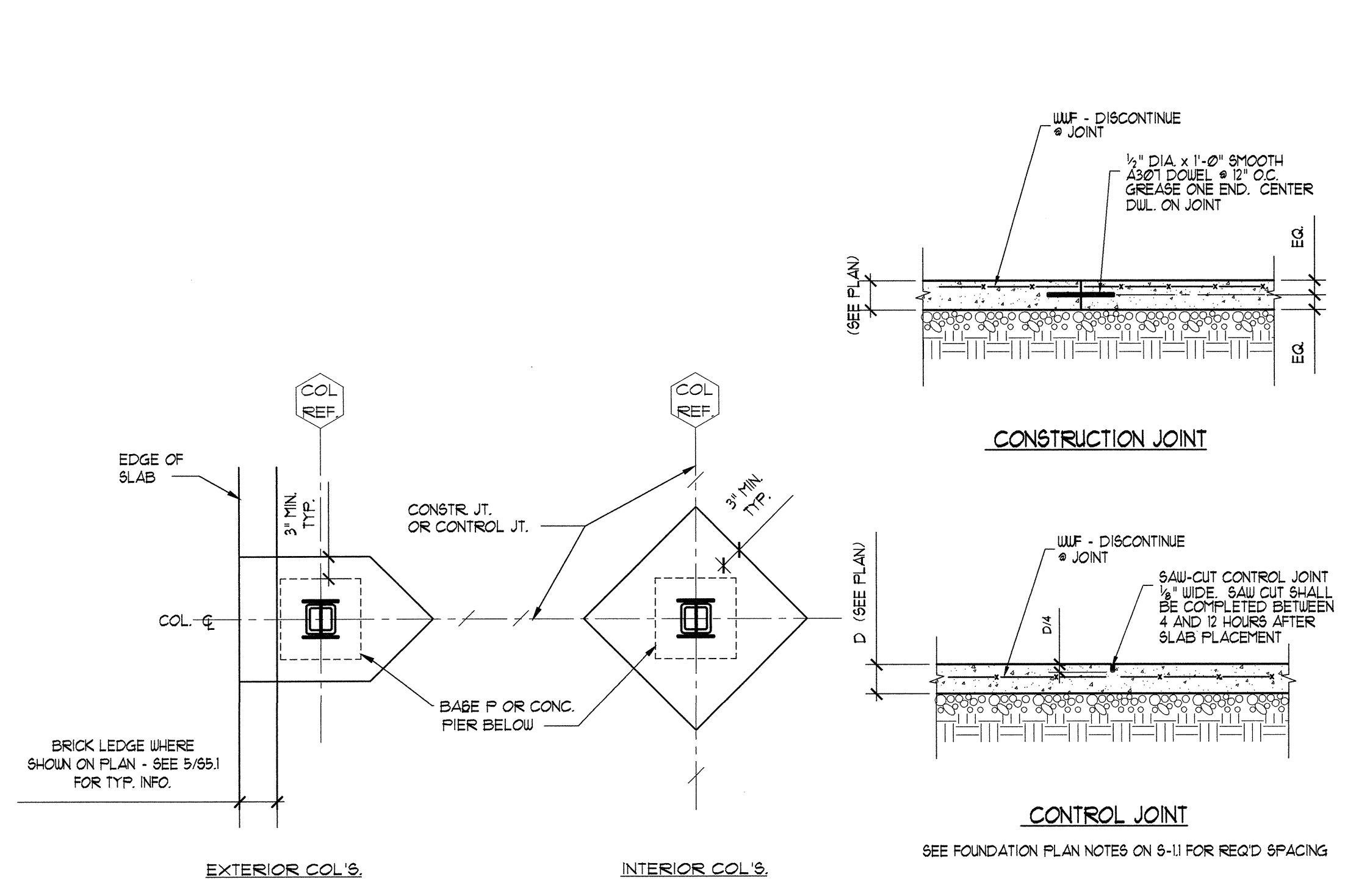
1 BRACING PLAN LEVELS 3 & 4 - BLDG. 500
S-4.12 SCALE: 1/8"=1'-0"

REVISION #1 SUMMARY
A. REVISED WALL TYPE
B. REVISED WALL LENGTH
C. REMOVED SHEAR WALL
D. ADDED STRAPS

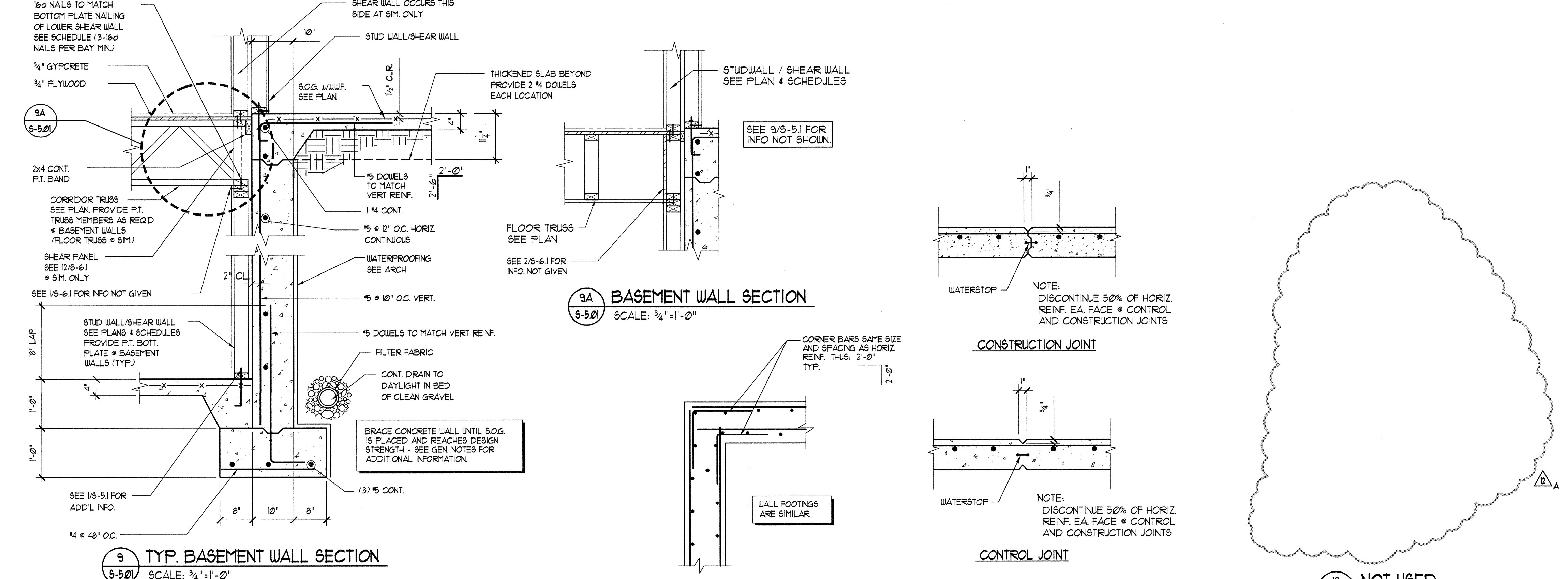




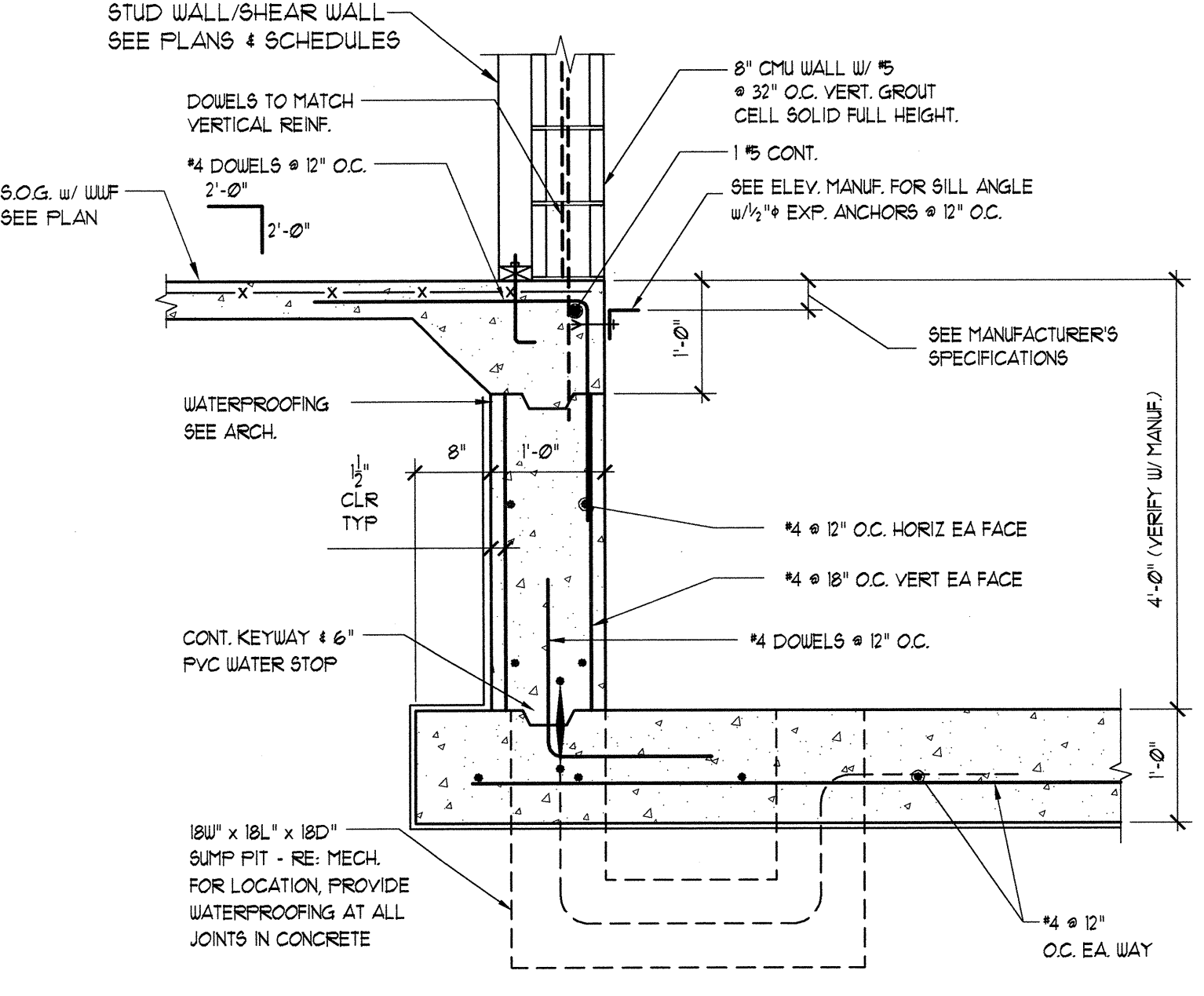
1 SECTION AT SLAB STEP SCALE: 3/4"=1'-0"
 2 SECTION AT RAMP SCALE: 3/4"=1'-0"
 3 SECTION AT RAMP W/CURB SCALE: 3/4"=1'-0"
 4 TYP. SECTION @ LOAD BEARING WALL SCALE: 3/4"=1'-0"
 5 TYP. SECTION @ PARTY WALLS SCALE: 3/4"=1'-0"
 6 TYP. SECTION AT T5 COLUMNS SCALE: 3/4"=1'-0"



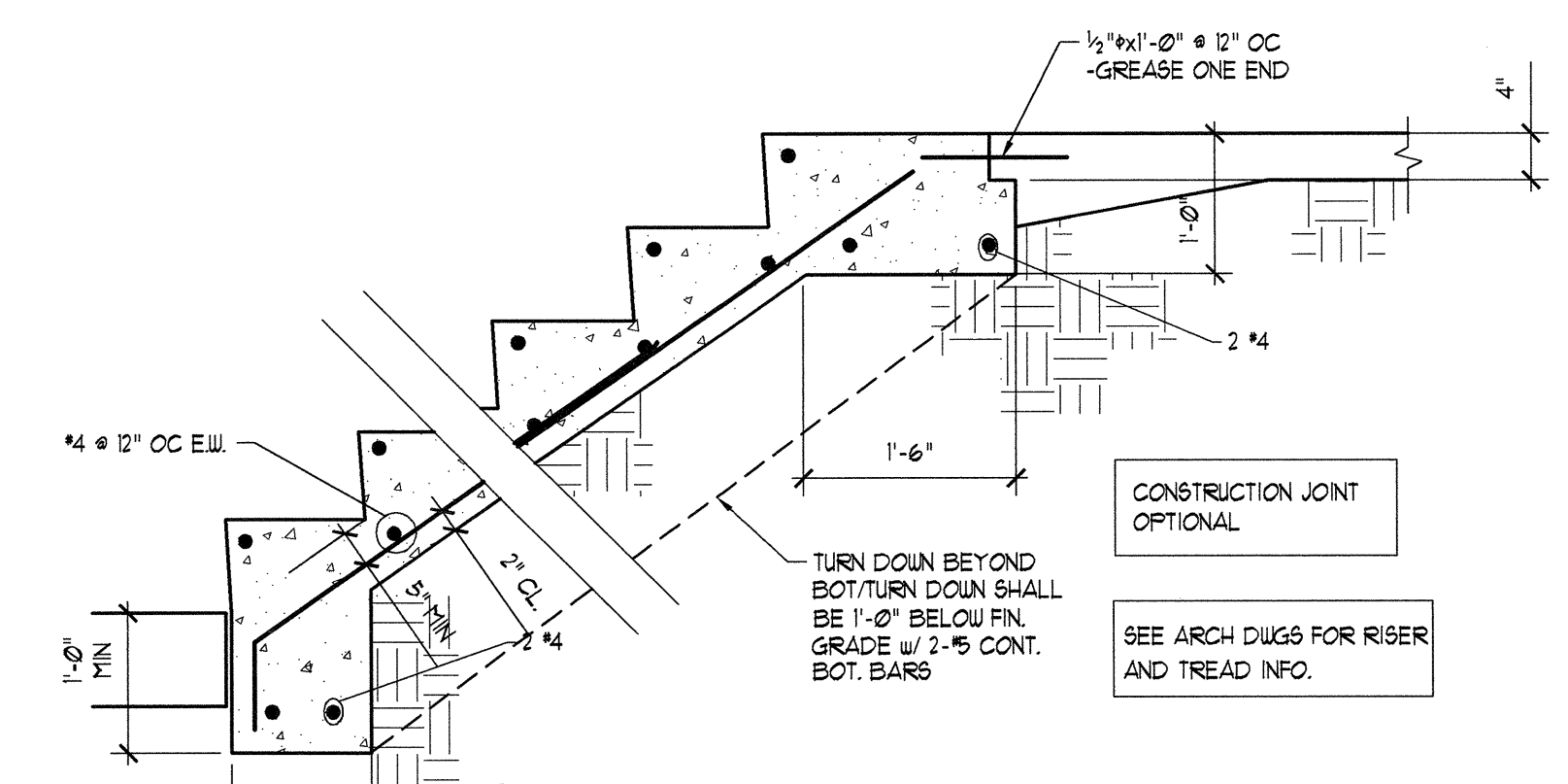
7 TYPICAL BLOCKOUTS SCALE: N.T.S.
 8 TYPICAL SLAB JOINT DETAILS SCALE: 3/4"=1'-0"



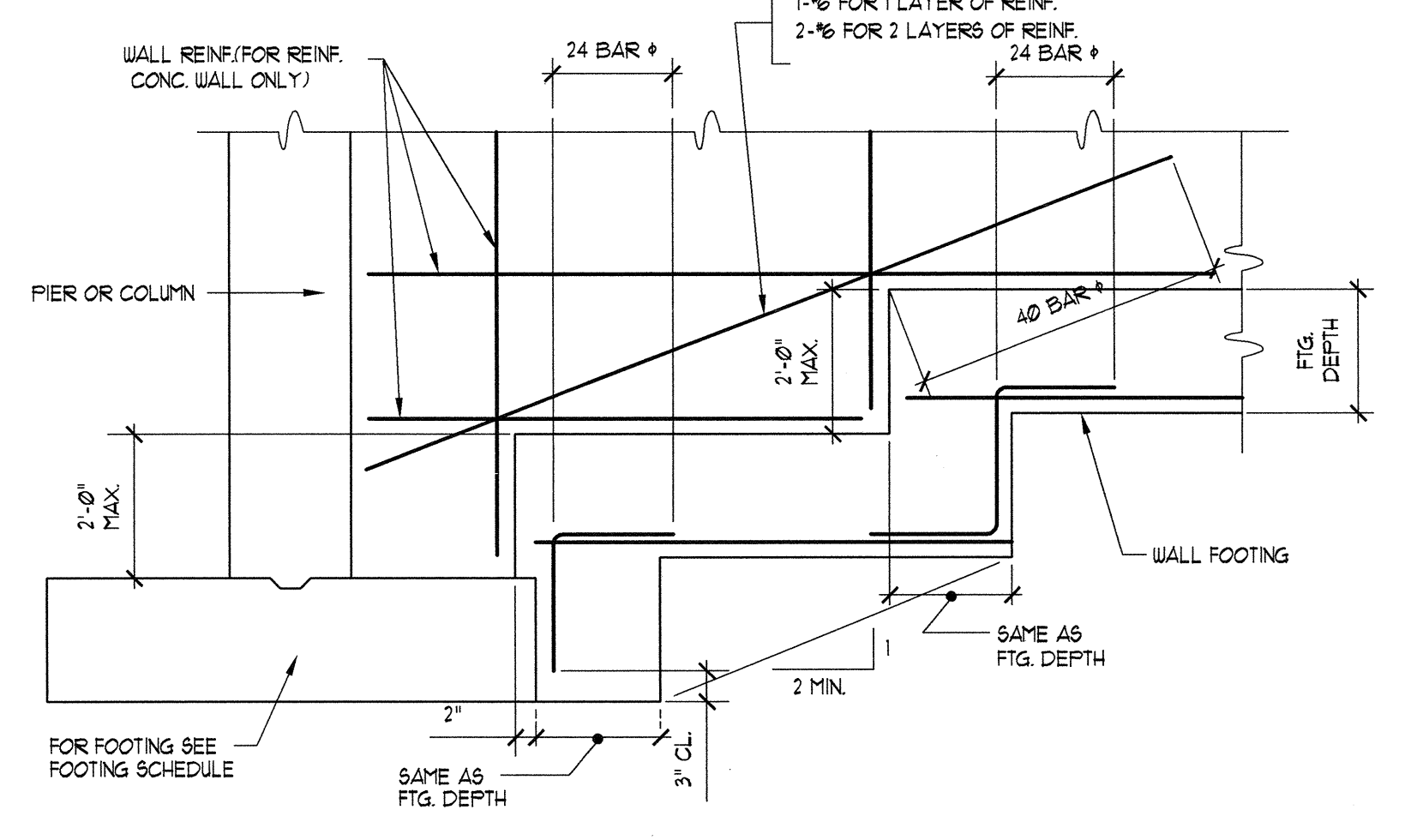
9 TYP. BASEMENT WALL SECTION SCALE: 3/4"=1'-0"
 10 TYP. CONC. WALL CORNER SCALE: N.T.S.
 11 TYP. CONC. WALL JOINT DETAILS SCALE: 3/4"=1'-0"
 12 NOT USED SCALE: 3/4"=1'-0"



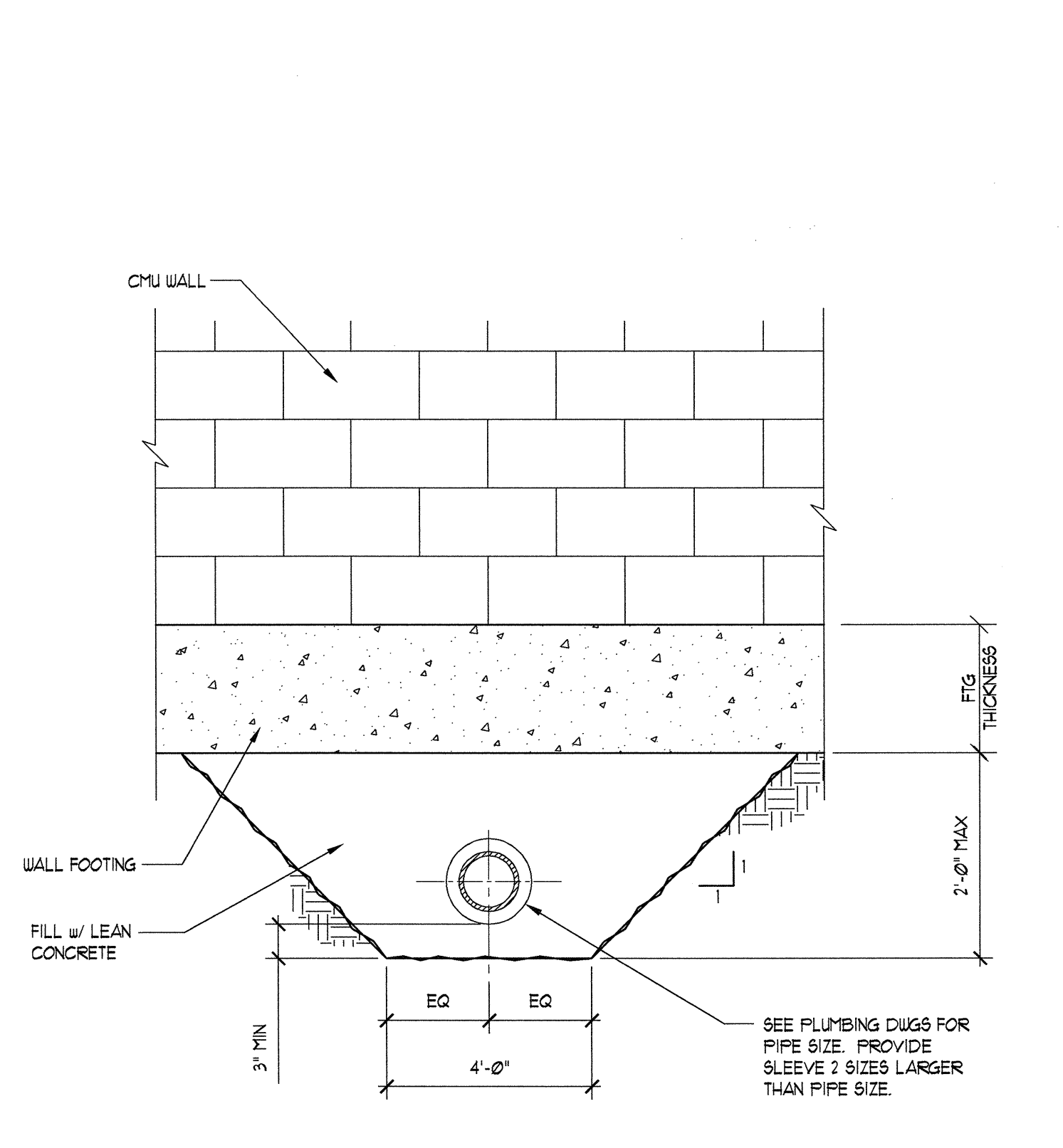
13 SECTION AT ELEVATOR PIT SCALE: 3/4"=1'-0"



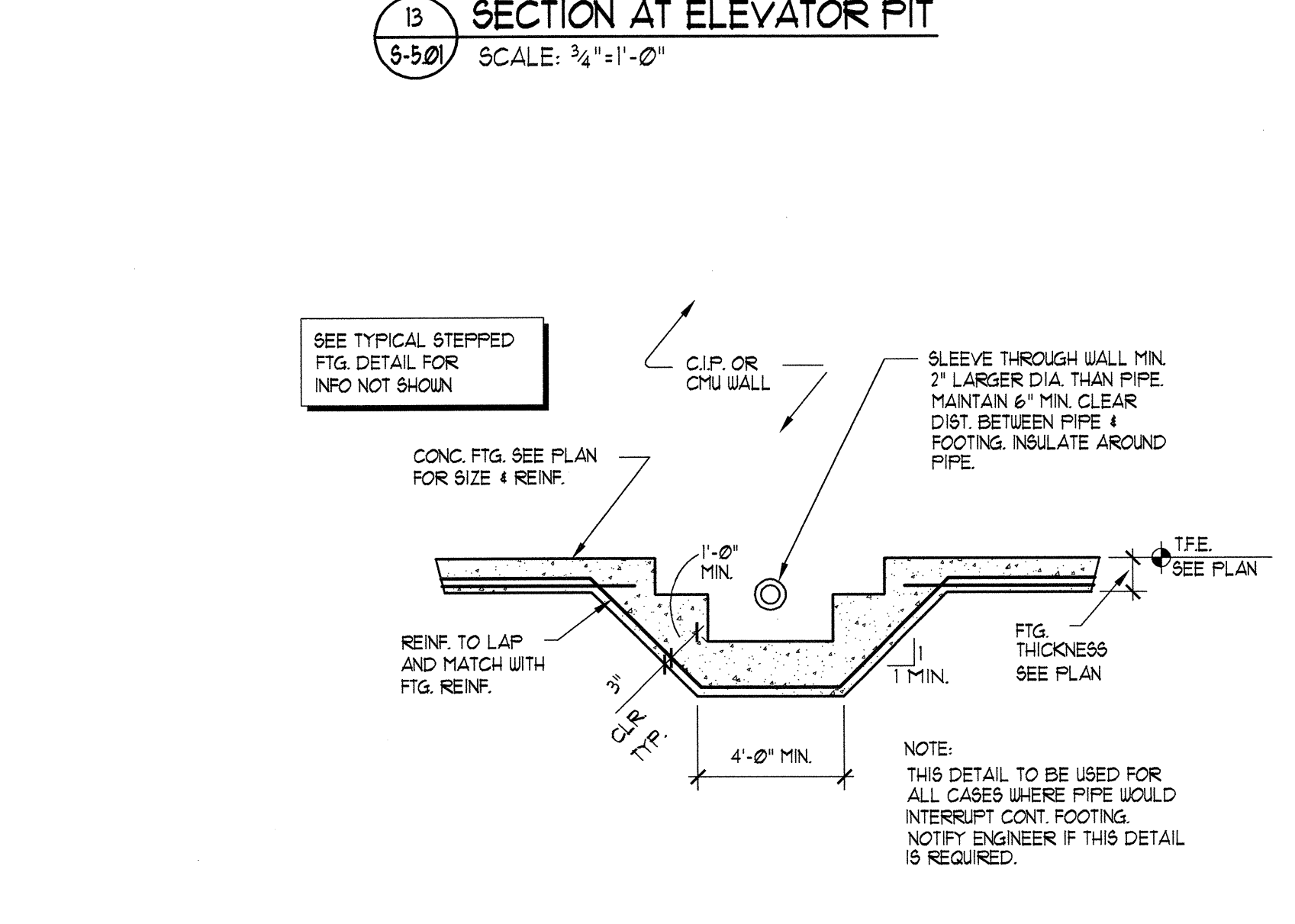
14 TYP. CONC. STAIR ON GRADE SCALE: N.T.S.



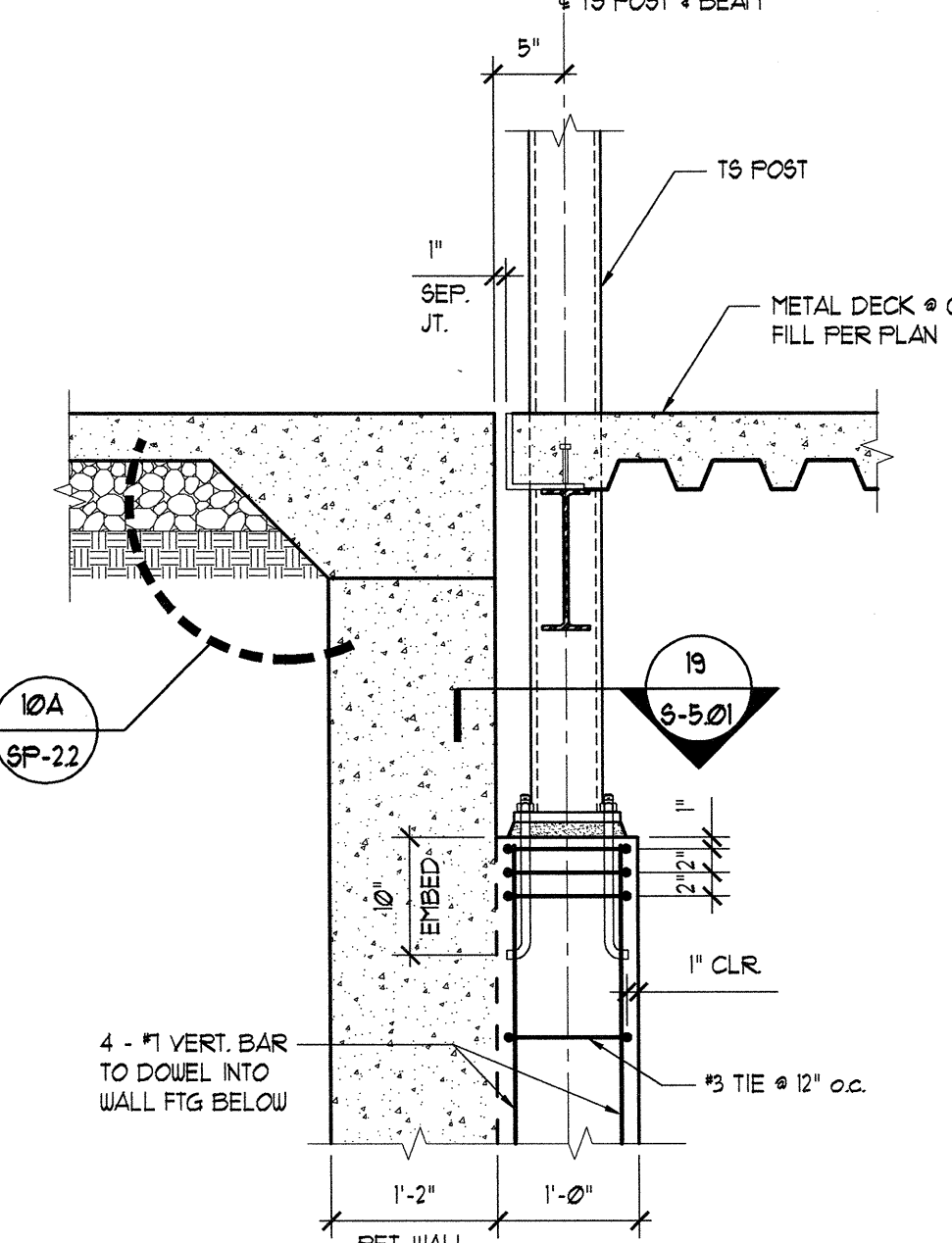
15 TYPICAL STEP FOOTING DETAIL SCALE: N.T.S.



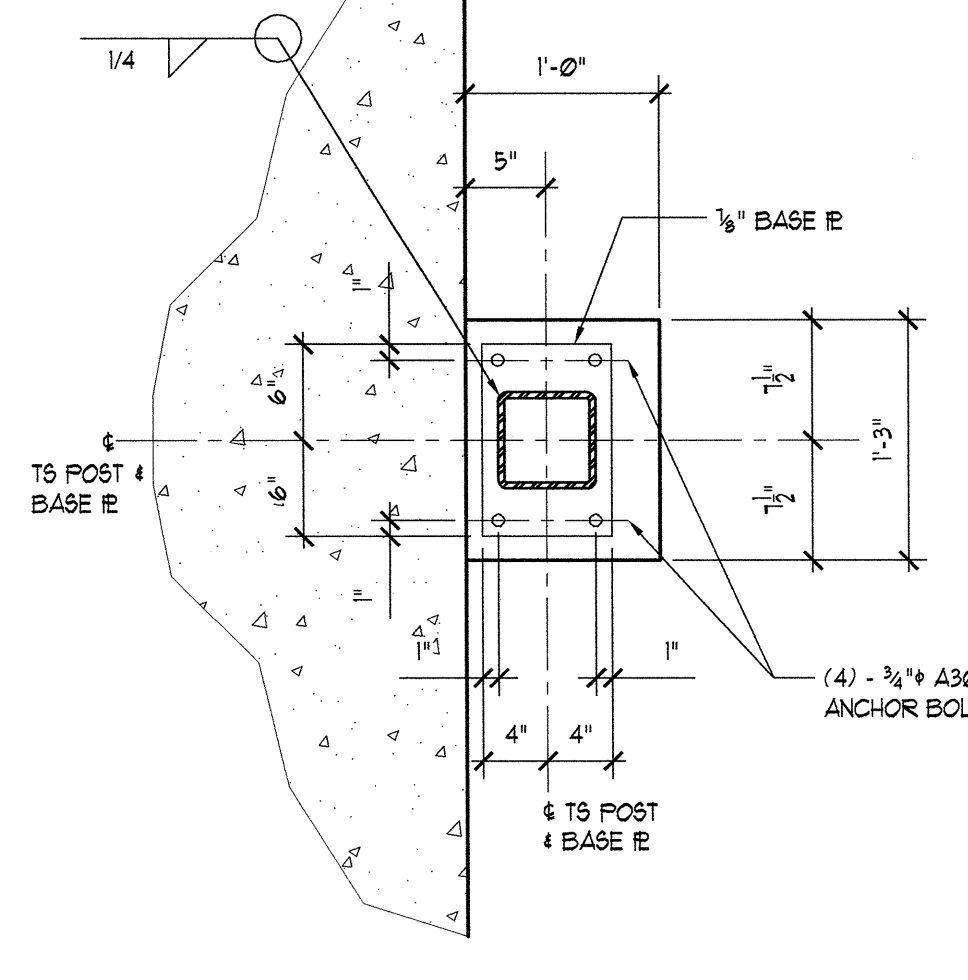
16 TYPICAL DETAIL @ PLUMBING PIPE BELOW WALL FOOTING SCALE: 3/4"=1'-0"



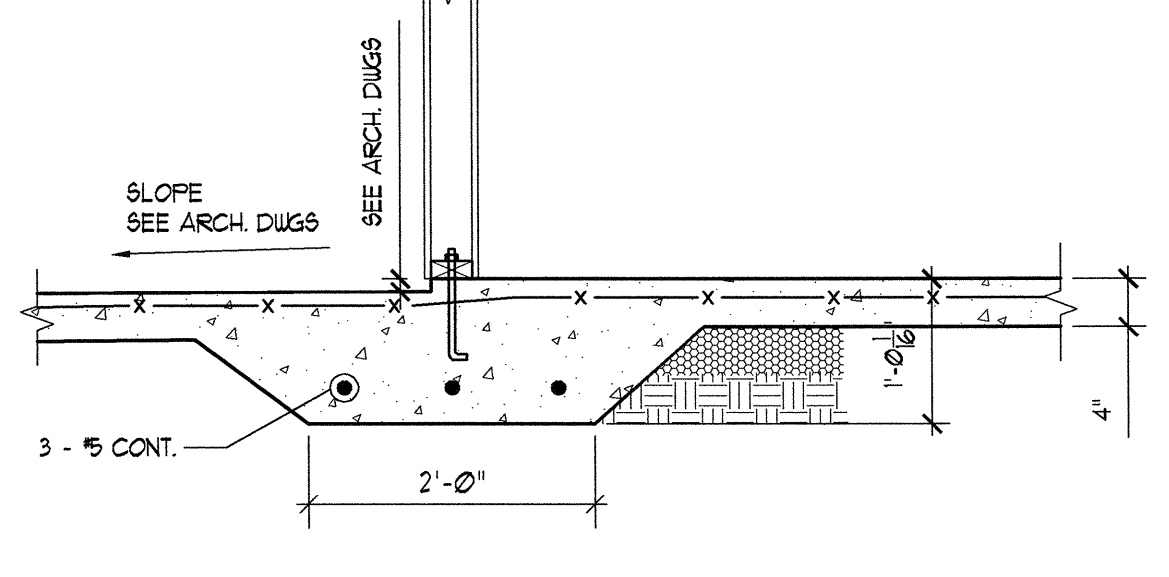
17 TYP. UTILITY OPENING THRU WALL DETAIL SCALE: 3/4"=1'-0"



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

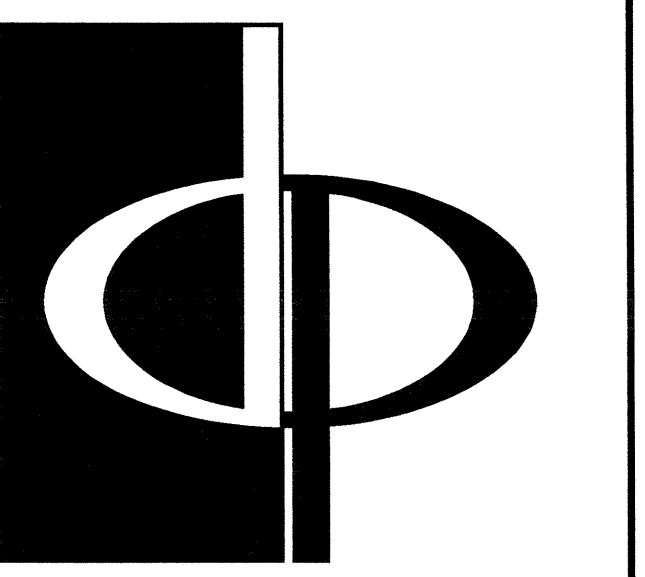


19 SECTION SCALE: 1"=1'-0"



20 TYPICAL SECTION @ PORCH SCALE: N.T.S.

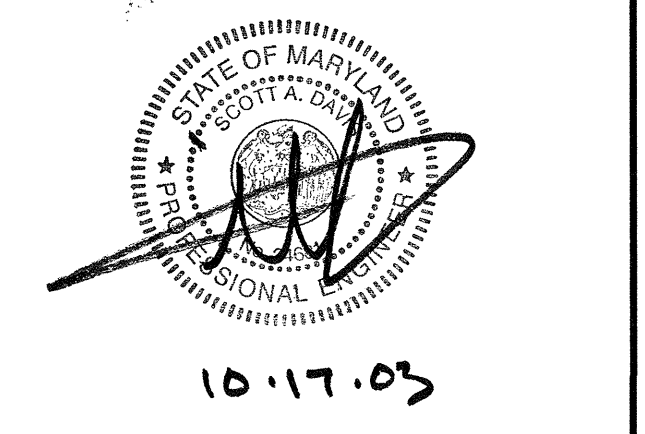
REVISION #12 SUMMARY
 A REVISED/REMOVED DETAIL



THE PRESTON PARTNERSHIP, LLC
 A MULTI-DISCIPLINARY DESIGN FIRM
 1000 ABERNATHY ROAD NE, SUITE 600
 ATLANTA, GEORGIA 30328
 TELEPHONE: 770 396 7248
 FAX: 770 396 2945
 WWW.THEPRESTONPARTNERSHIP.COM

CONSULTANT

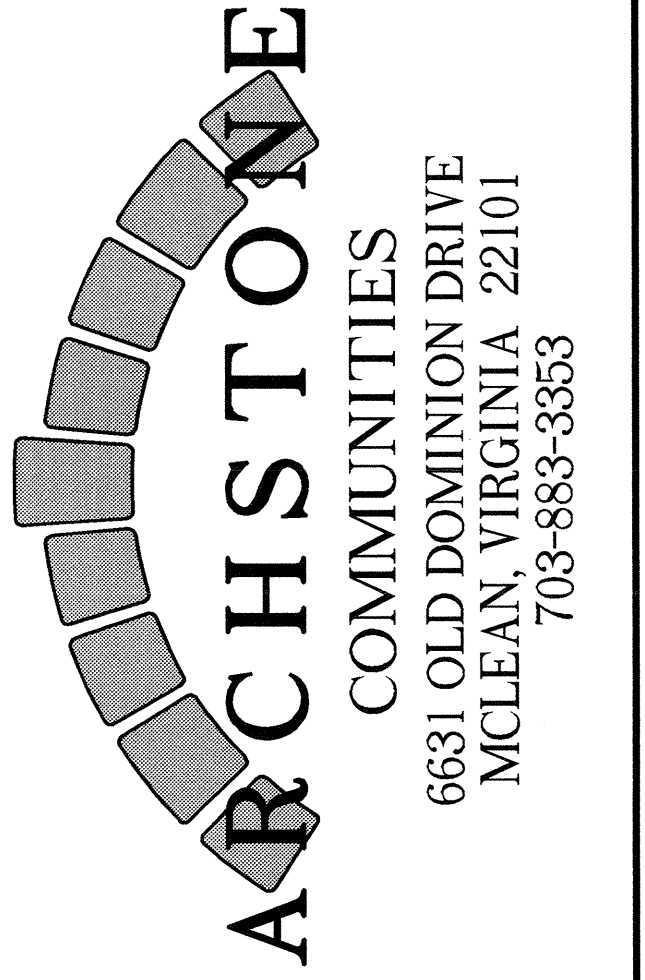
SEAL



PROJECT

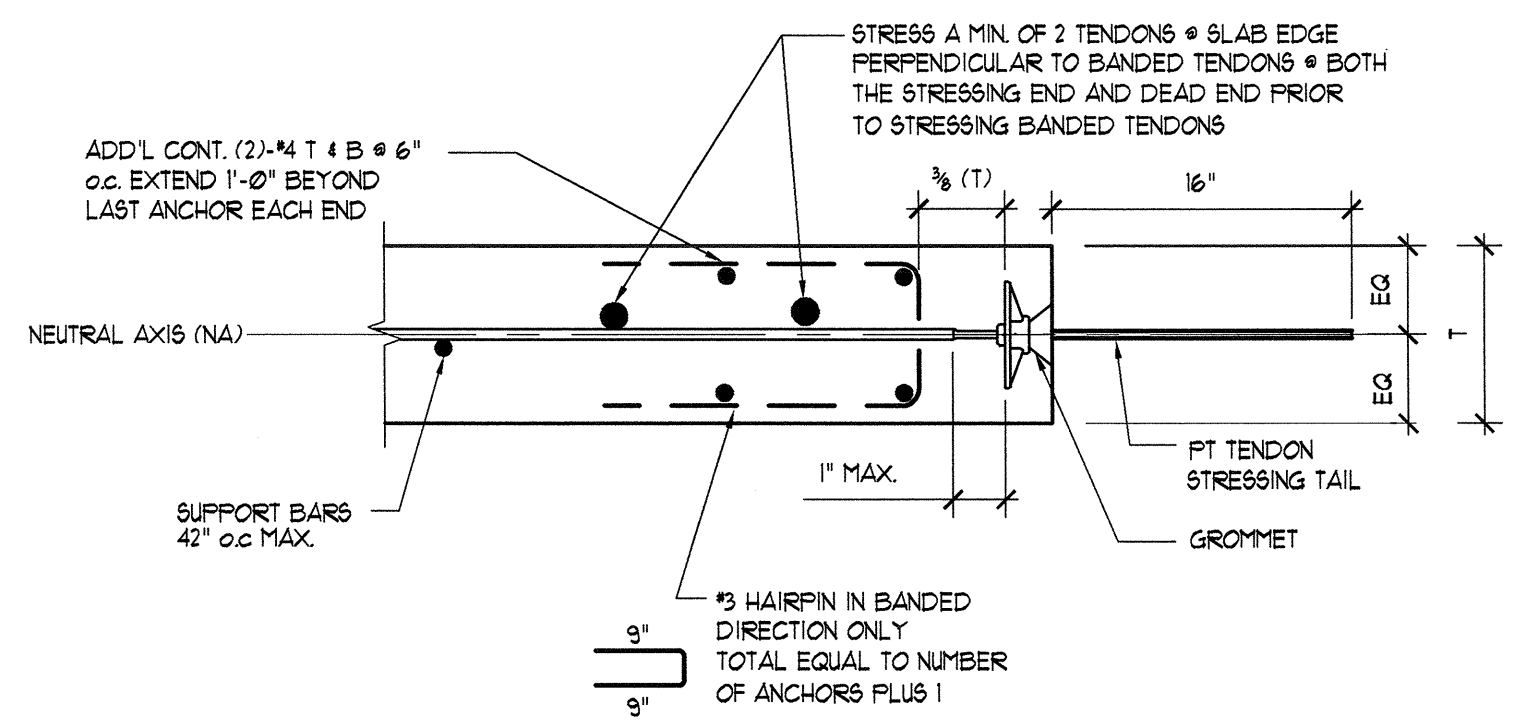
ARCHSTONE
 KENTLANDS
 949 QUINCE ORCHARD ROAD
 GAITHERSBURG, MARYLAND

FOR

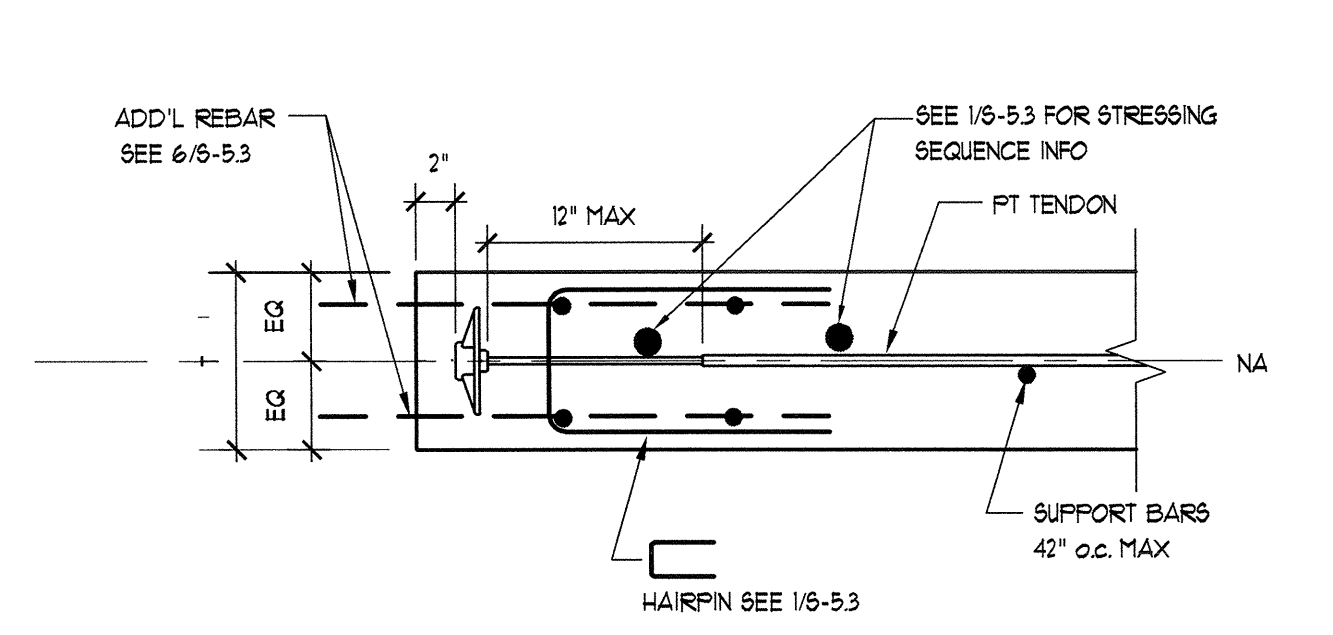


REVISIONS
 RELEASED FOR CONSTRUCTION 07/18/03
 TOM POPOFF REVIEW COMMENTS 07/18/03
 CLUB HOUSE COORD 10/06/03

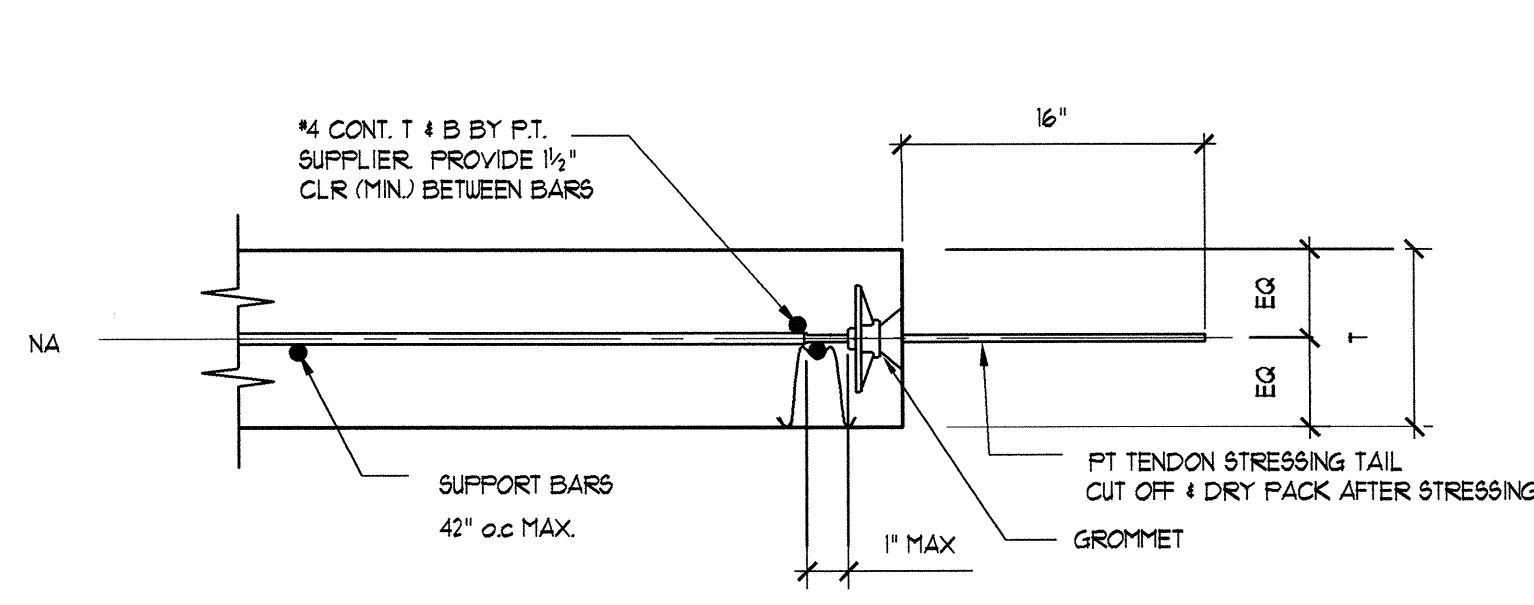
DATE 07/31/03
 JOB NUMBER 021102B
 DRAWN BY BTM
 CHECKED BY KMI
 DRAWING TITLE FOUNDATION SECTIONS & DETAILS
 DRAWING NUMBER S-5.01
 COMMENTS



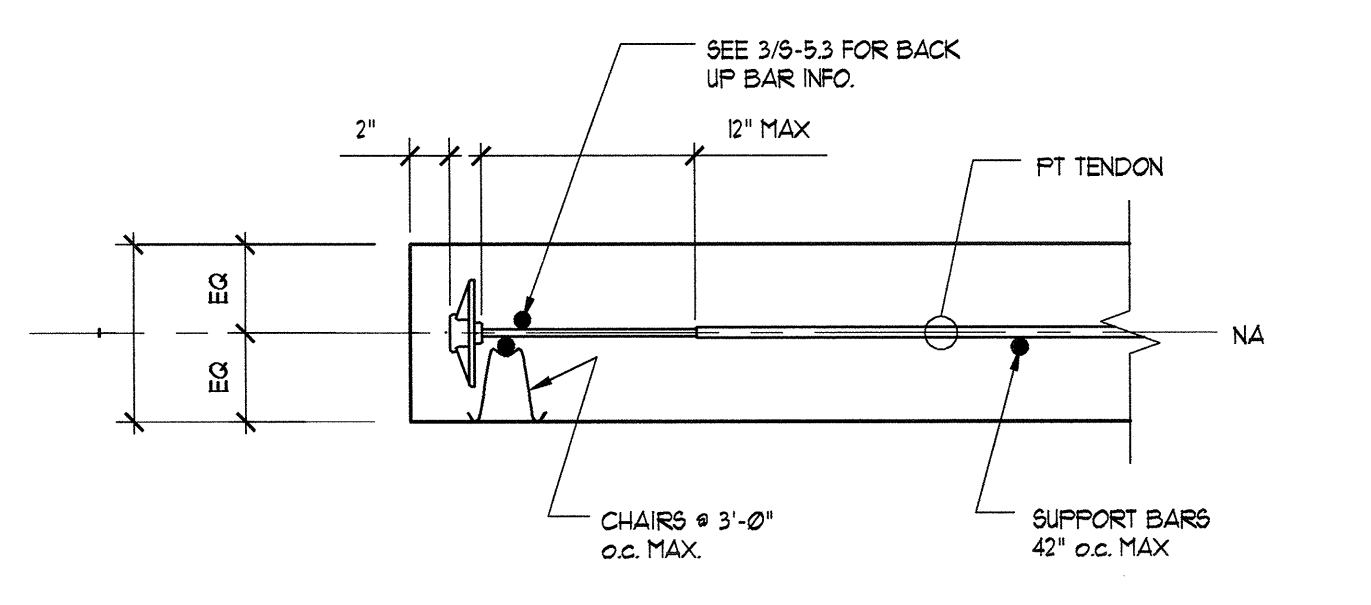
1 TYP. STRESSING END DETAIL AT BANDED TENDON
5-53 NTS



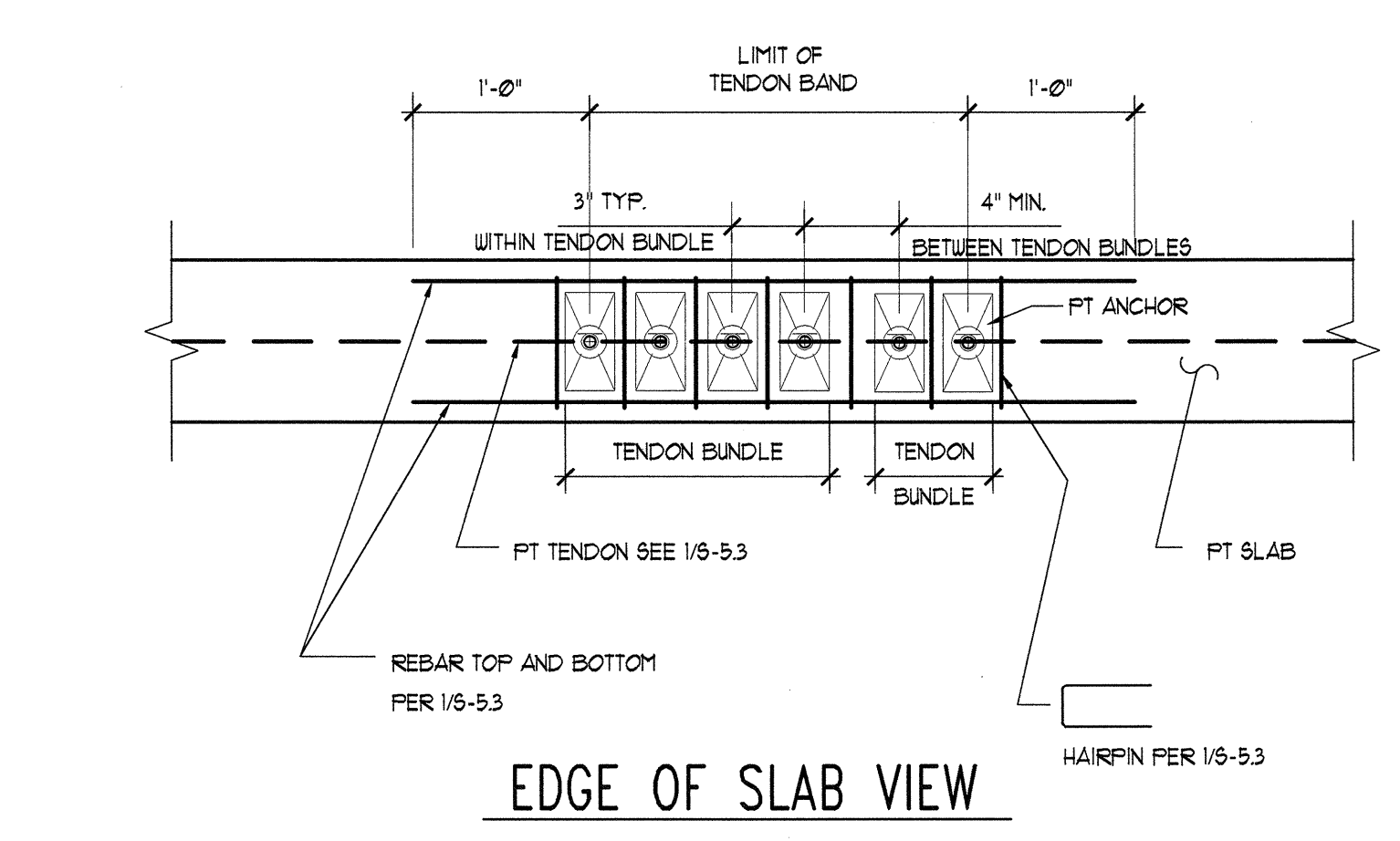
2 TYP. DEAD END AT BANDED TENDONS
5-53 NTS



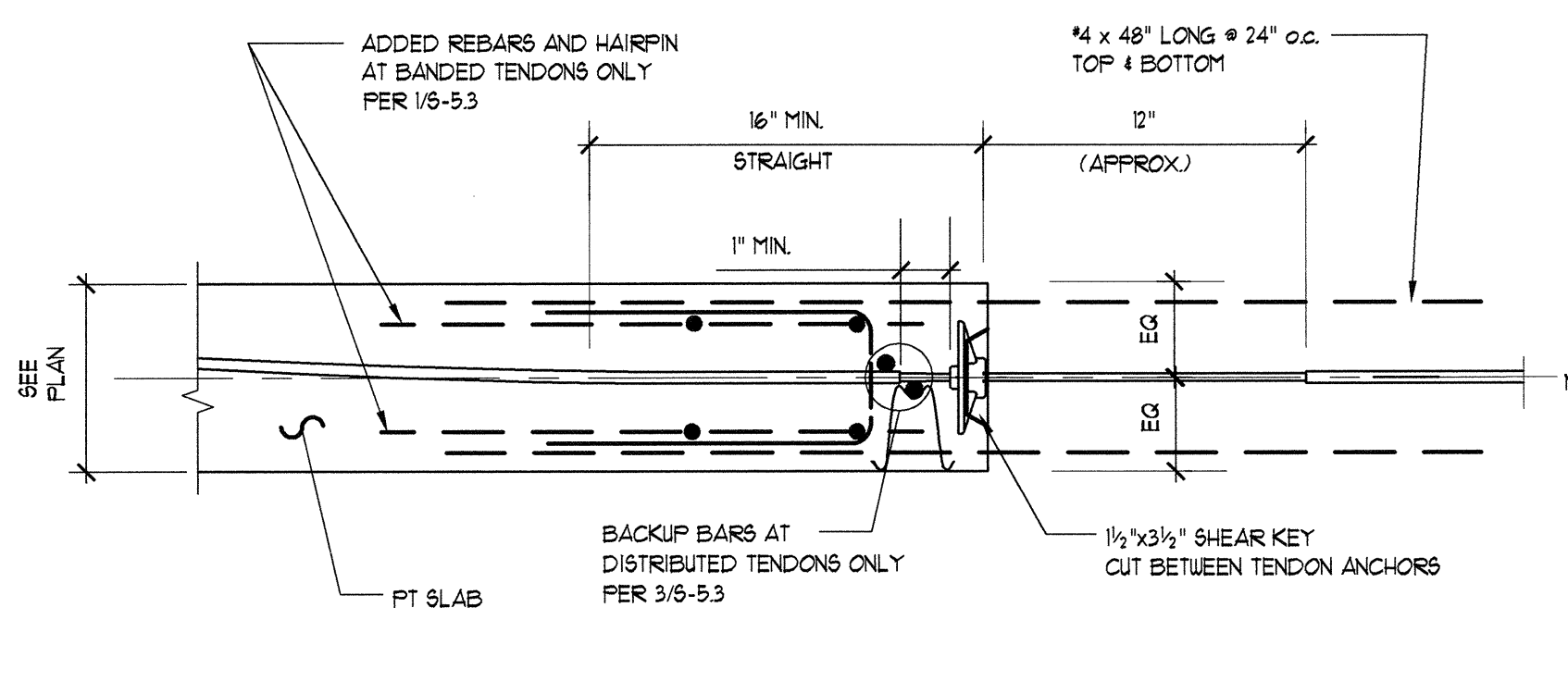
3 TYP. STRESSING END DETAIL AT DISTRIBUTED TENDONS
5-53 NTS



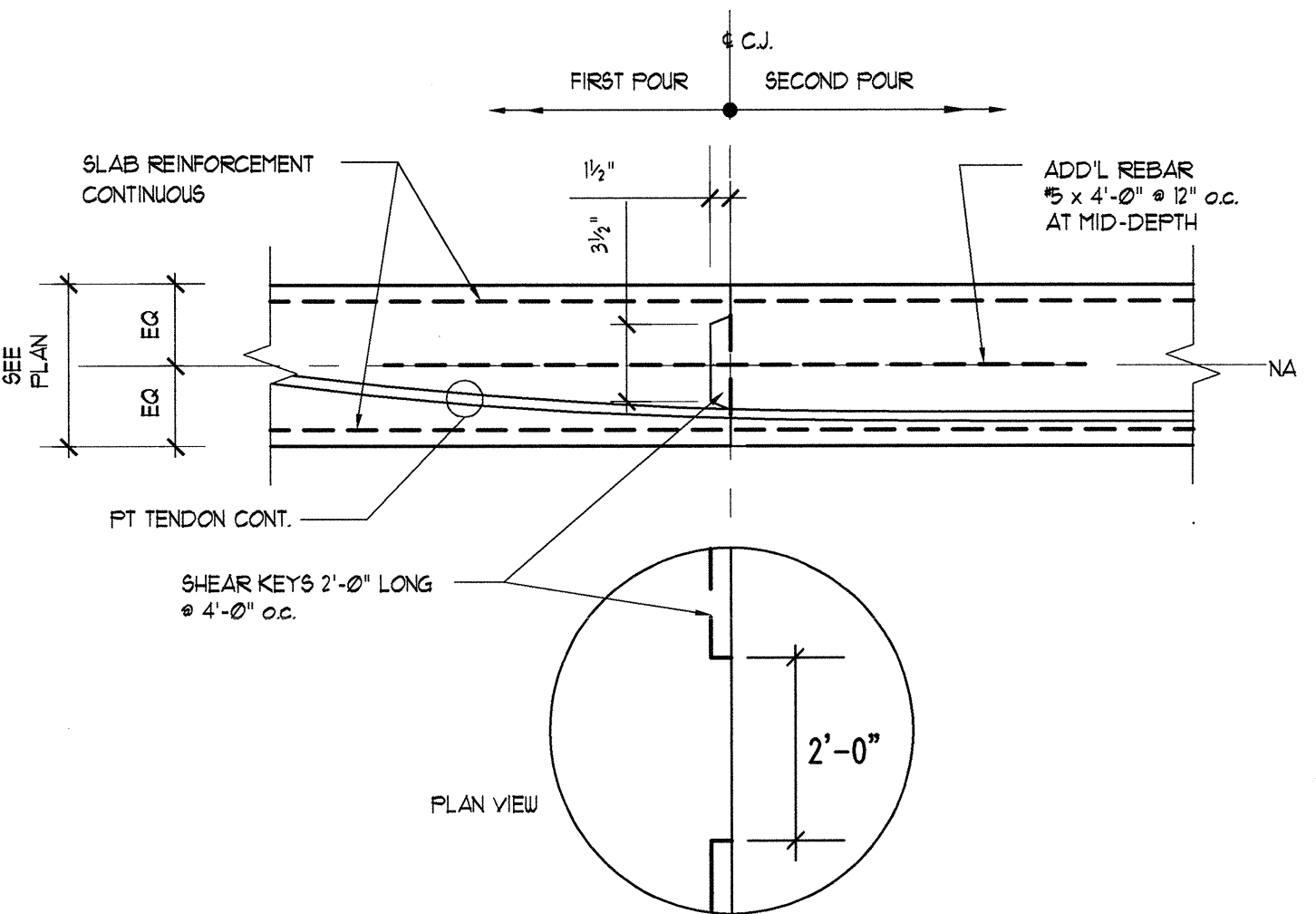
4 DEAD END AT DISTRIBUTED TENDONS
5-53 NTS



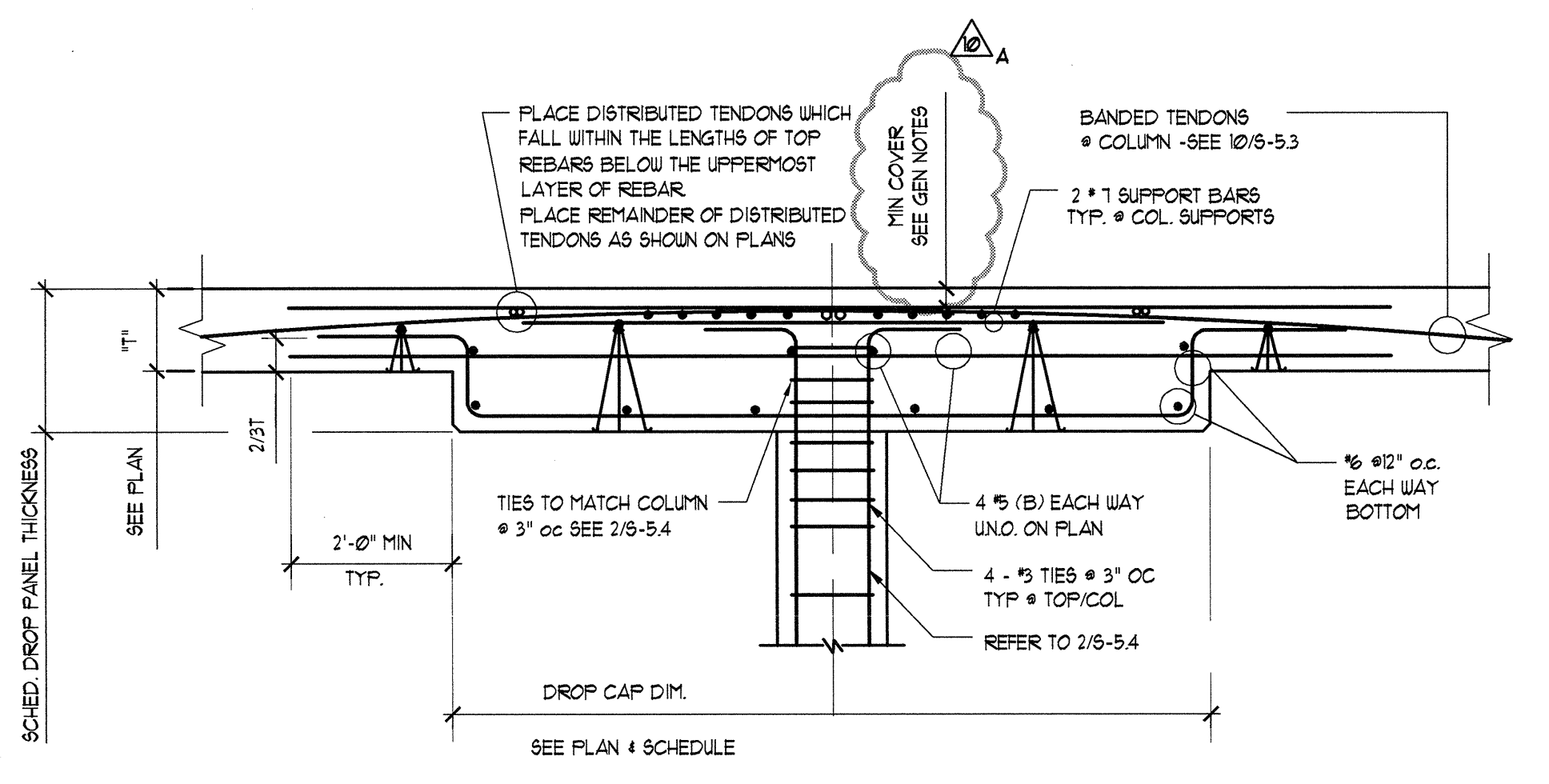
5 TYP. REINFORCEMENT OF TENDON BAND AT SLAB EDGE OR INTERMEDIATE STRESSING
5-53 NTS



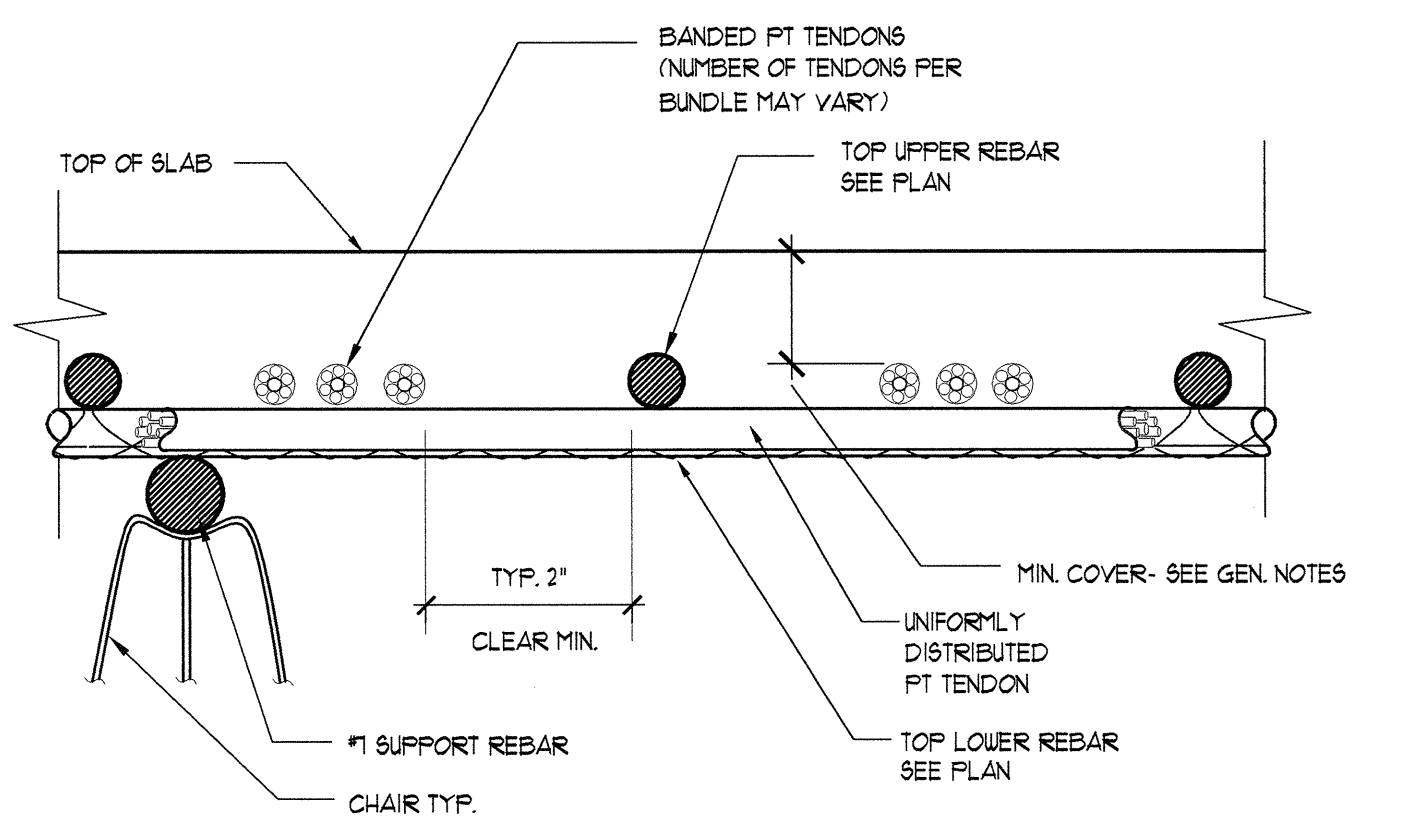
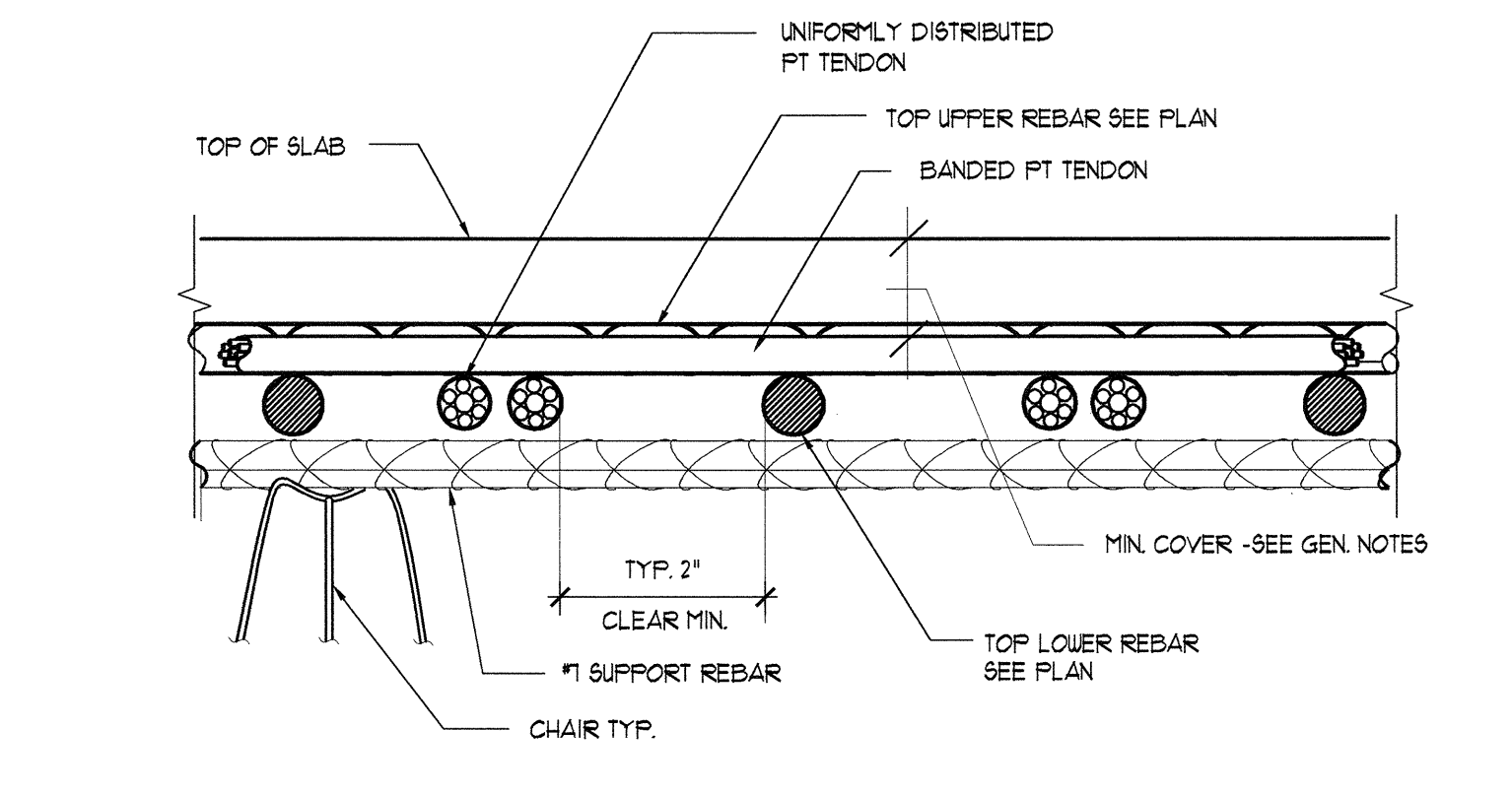
6 CONSTRUCTION JOINT WITH INTERMEDIATE STRESSING
5-53 NTS



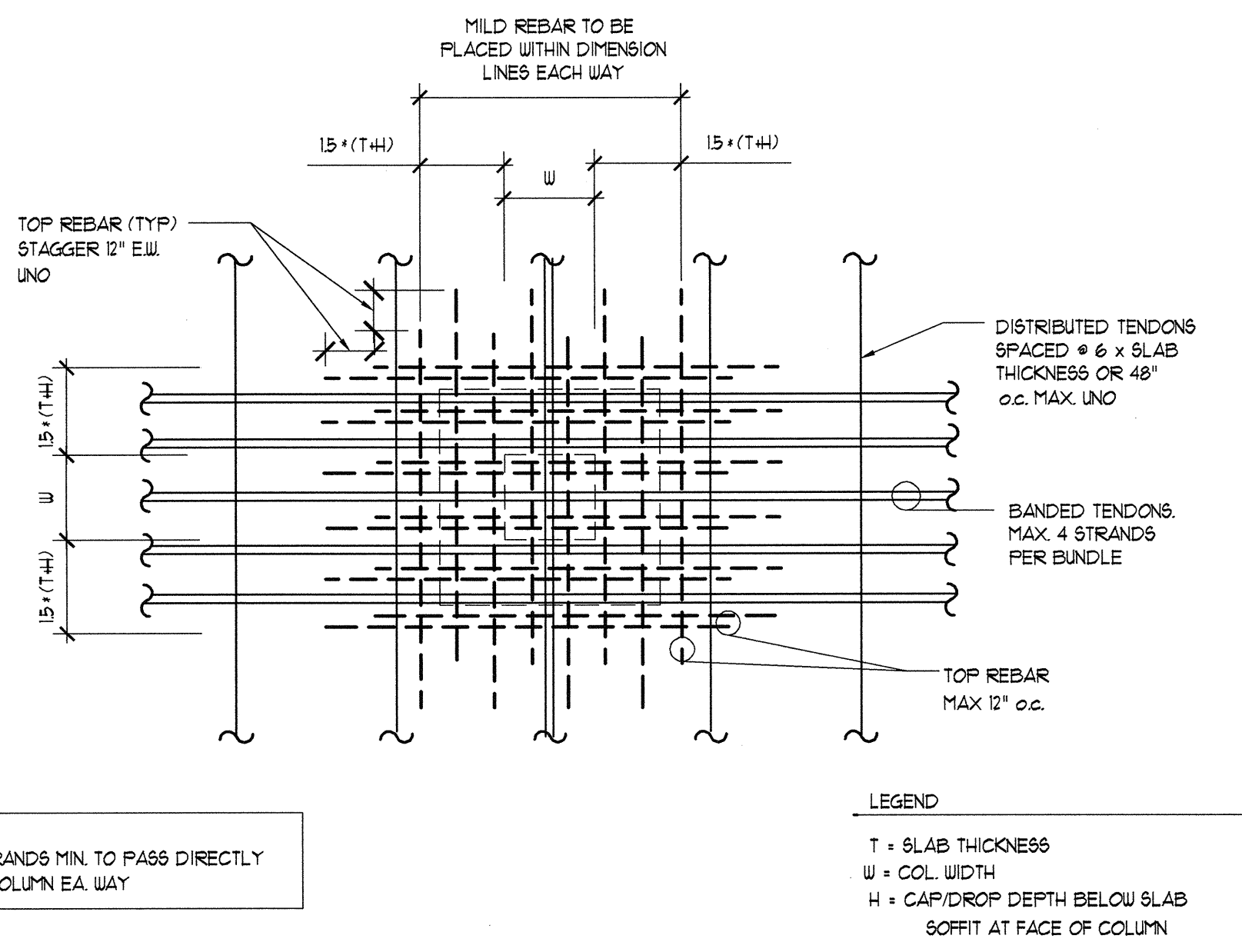
7 CONSTRUCTION JOINT WITH NO INTERMEDIATE STRESSING
5-53 NTS



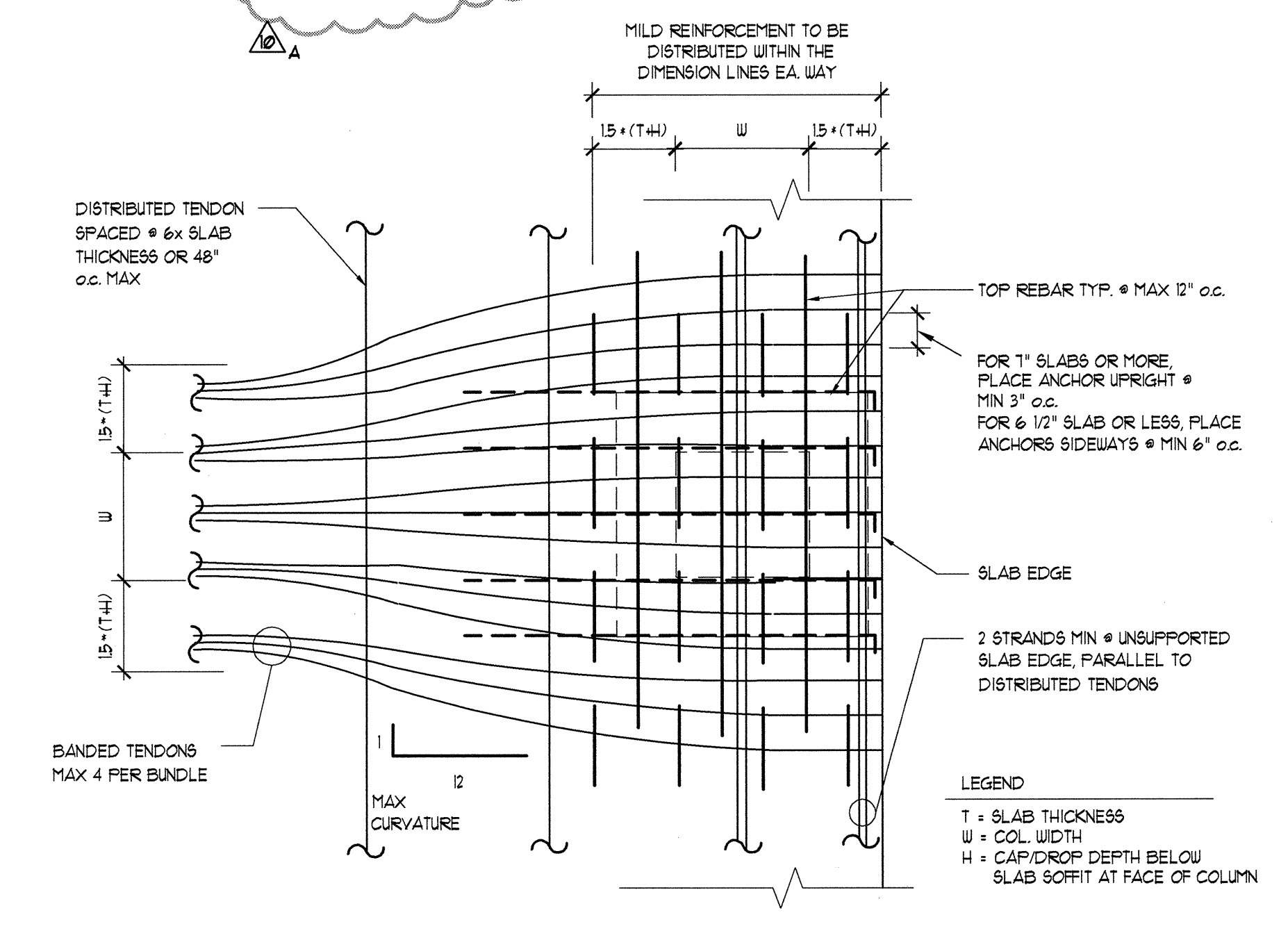
8 TYP. DROP CAP SECTION
5-53 NTS



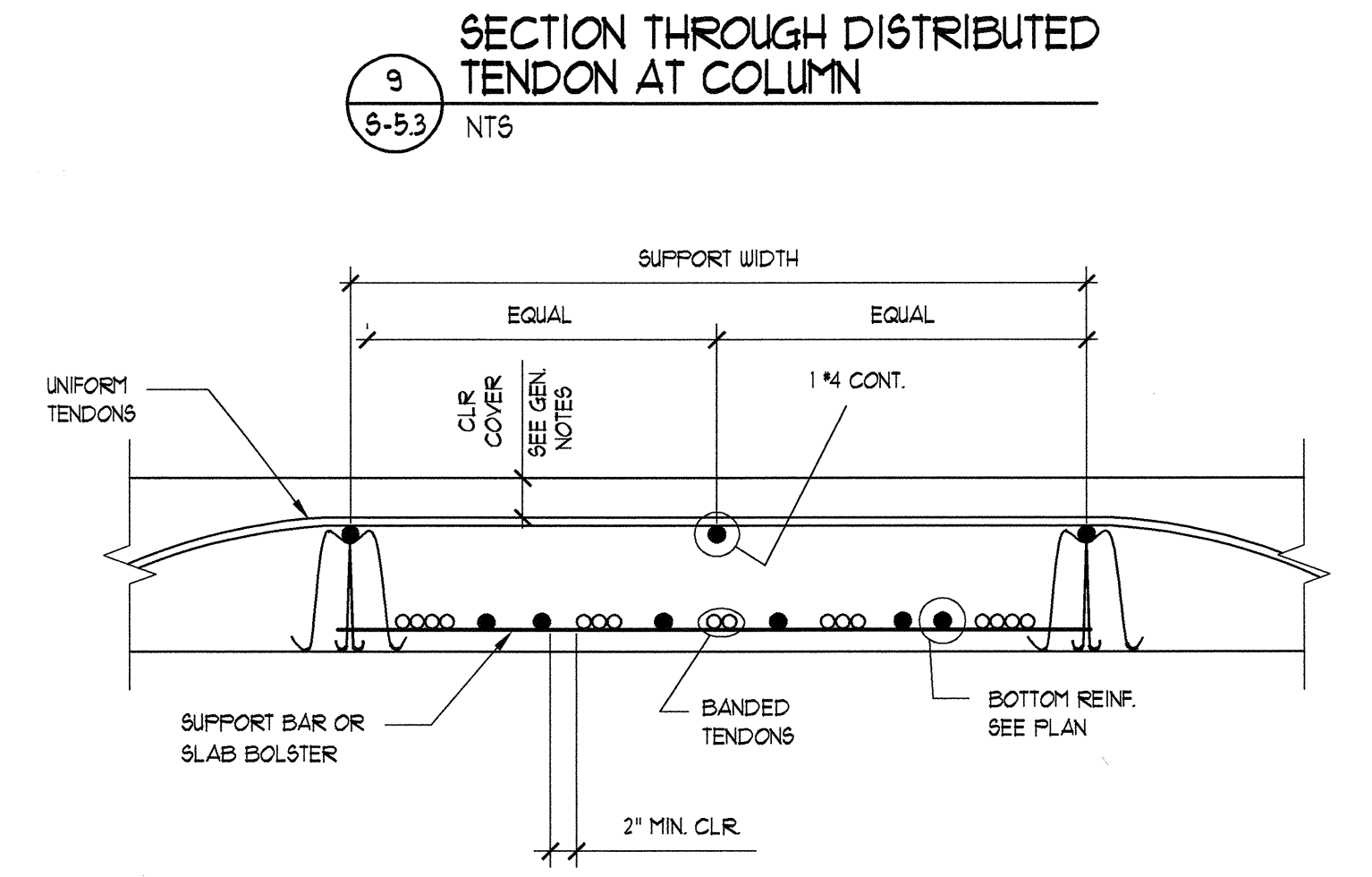
10 SECTION THROUGH BANDED TENDON AT COLUMN
5-53 NTS



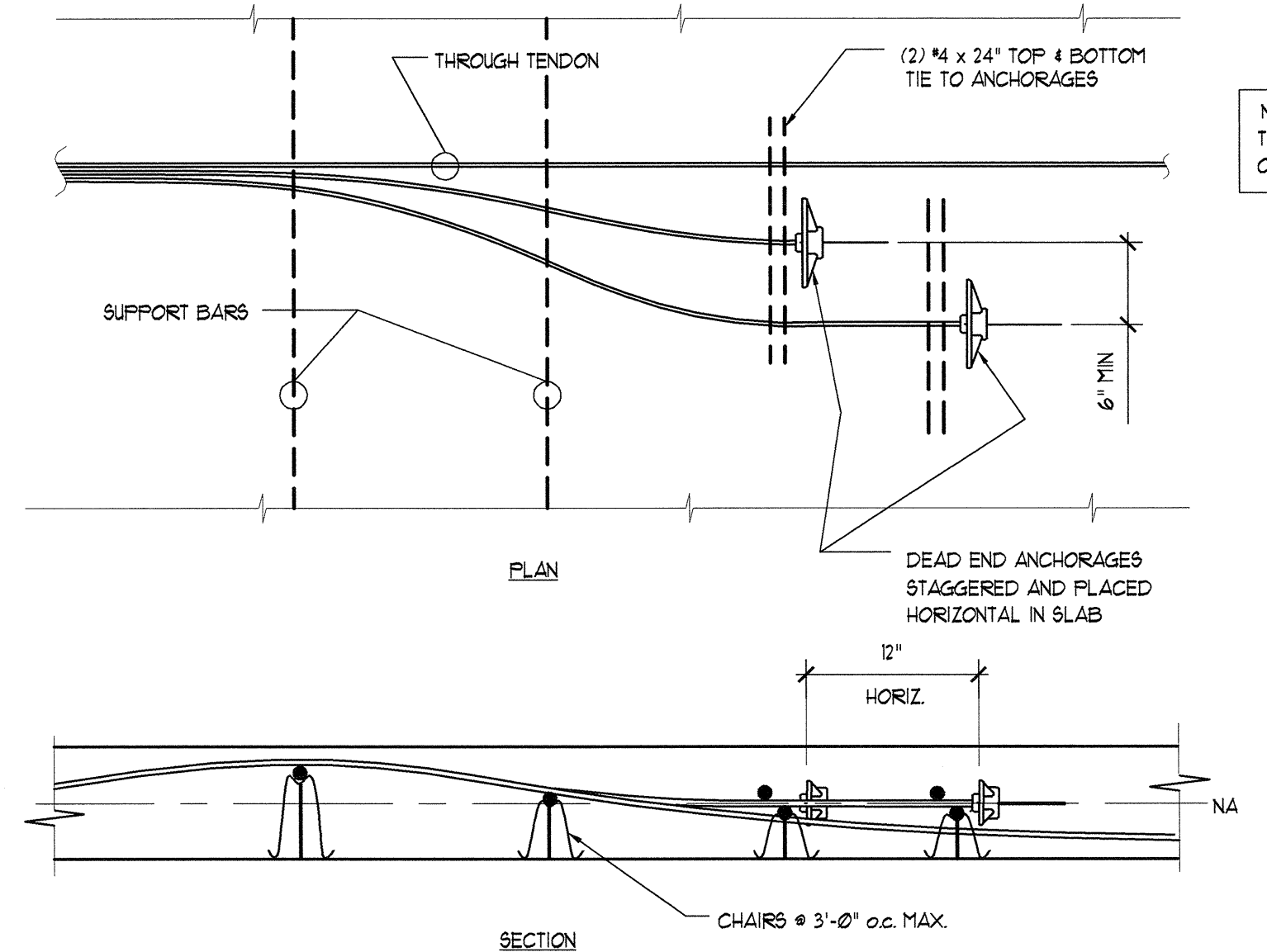
11 TOP REINFORCEMENT AT INTERIOR COLUMNS
5-53 NTS



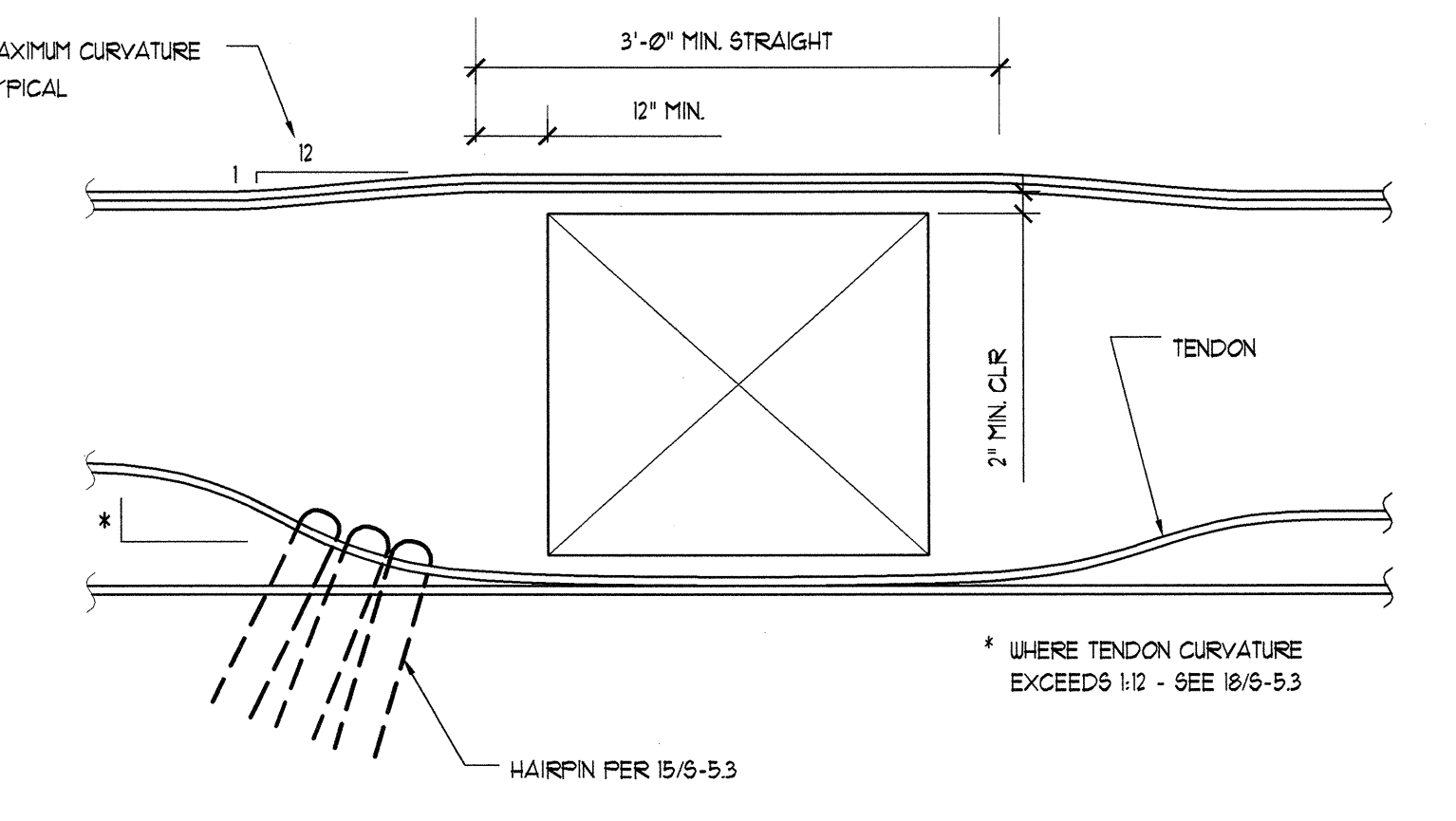
12 TOP REINFORCEMENT AT EXTERIOR COLUMNS
5-53 NTS



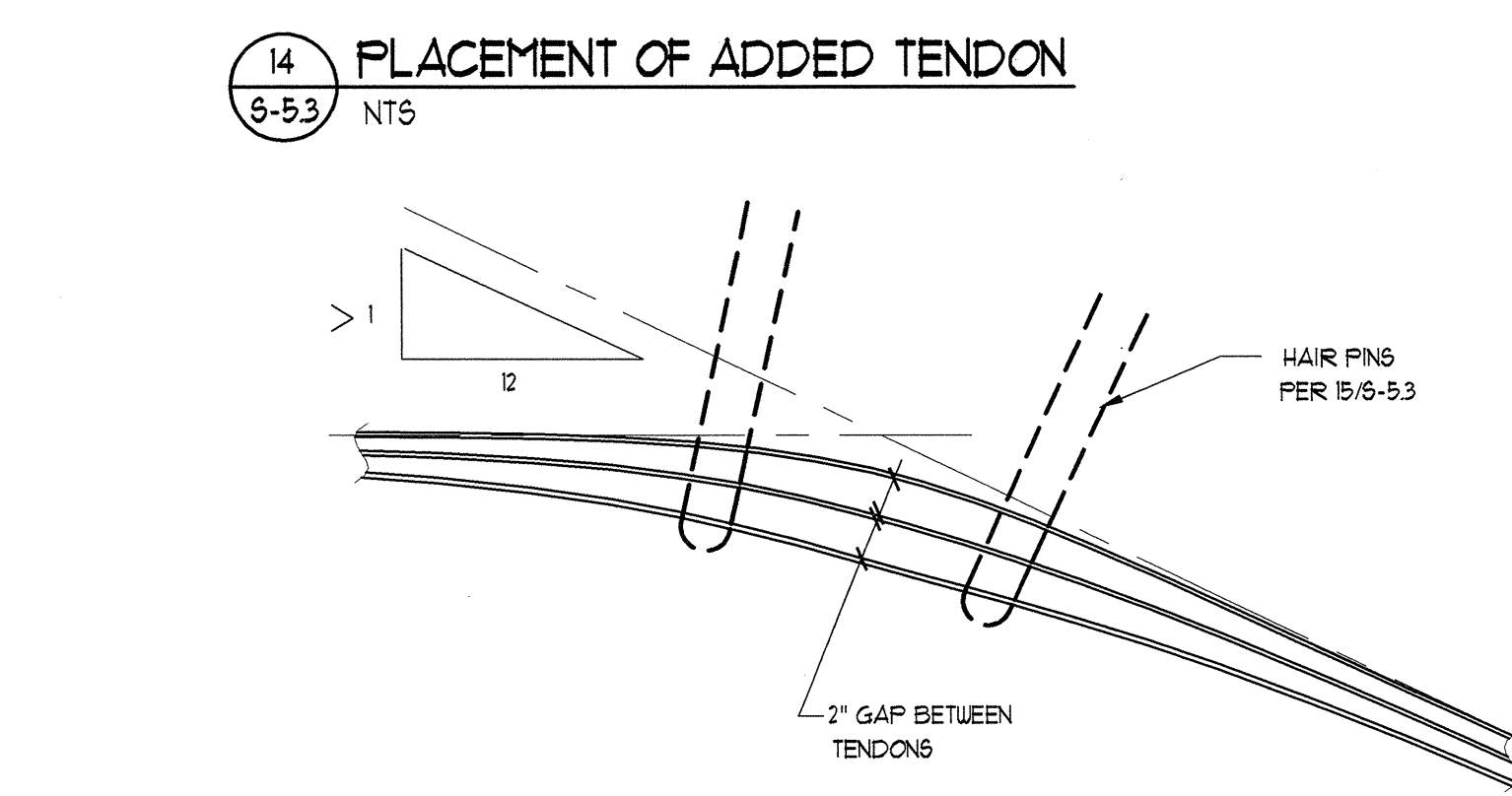
13 SECTION - BANDED TENDONS AT MID-SPAN
5-53 NTS



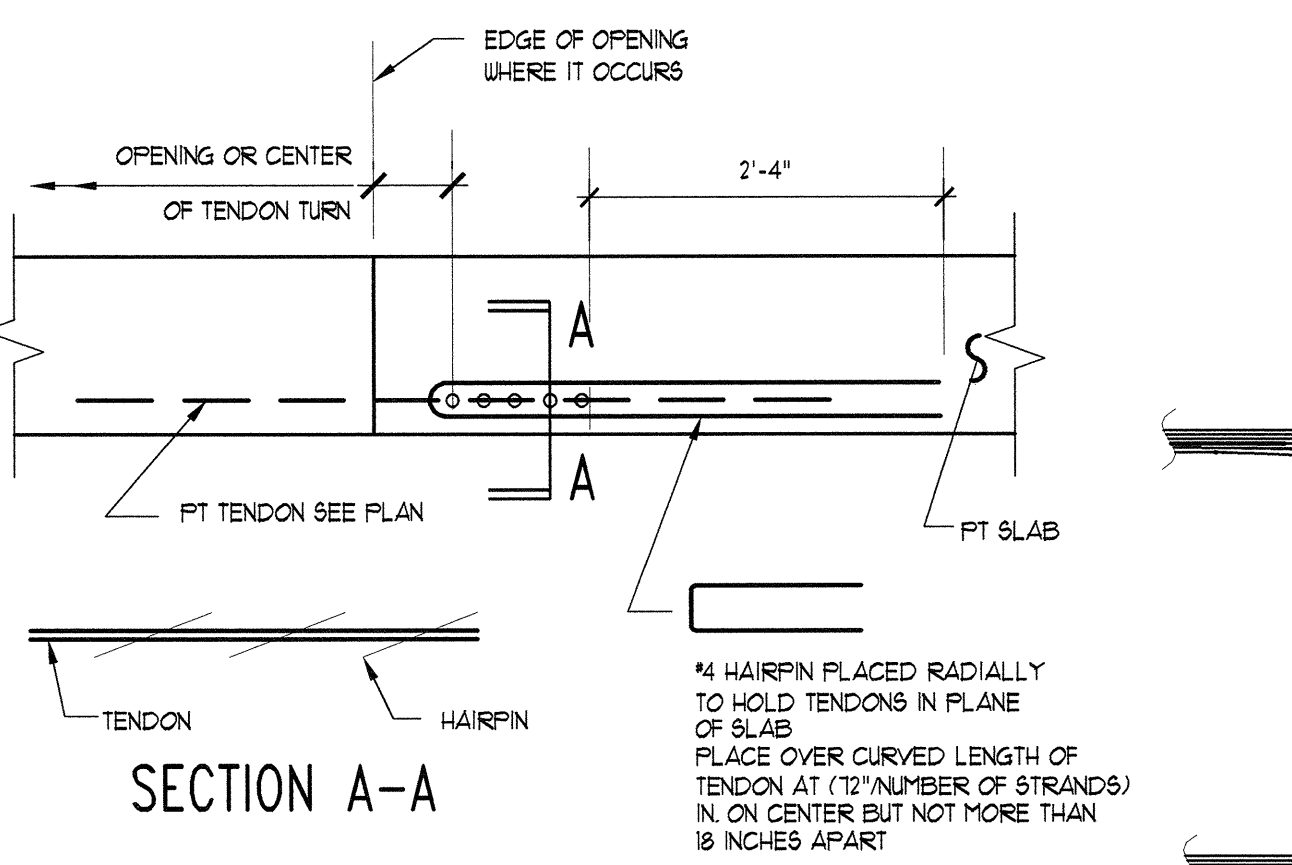
14 PLACEMENT OF ADDED TENDON
5-53 NTS



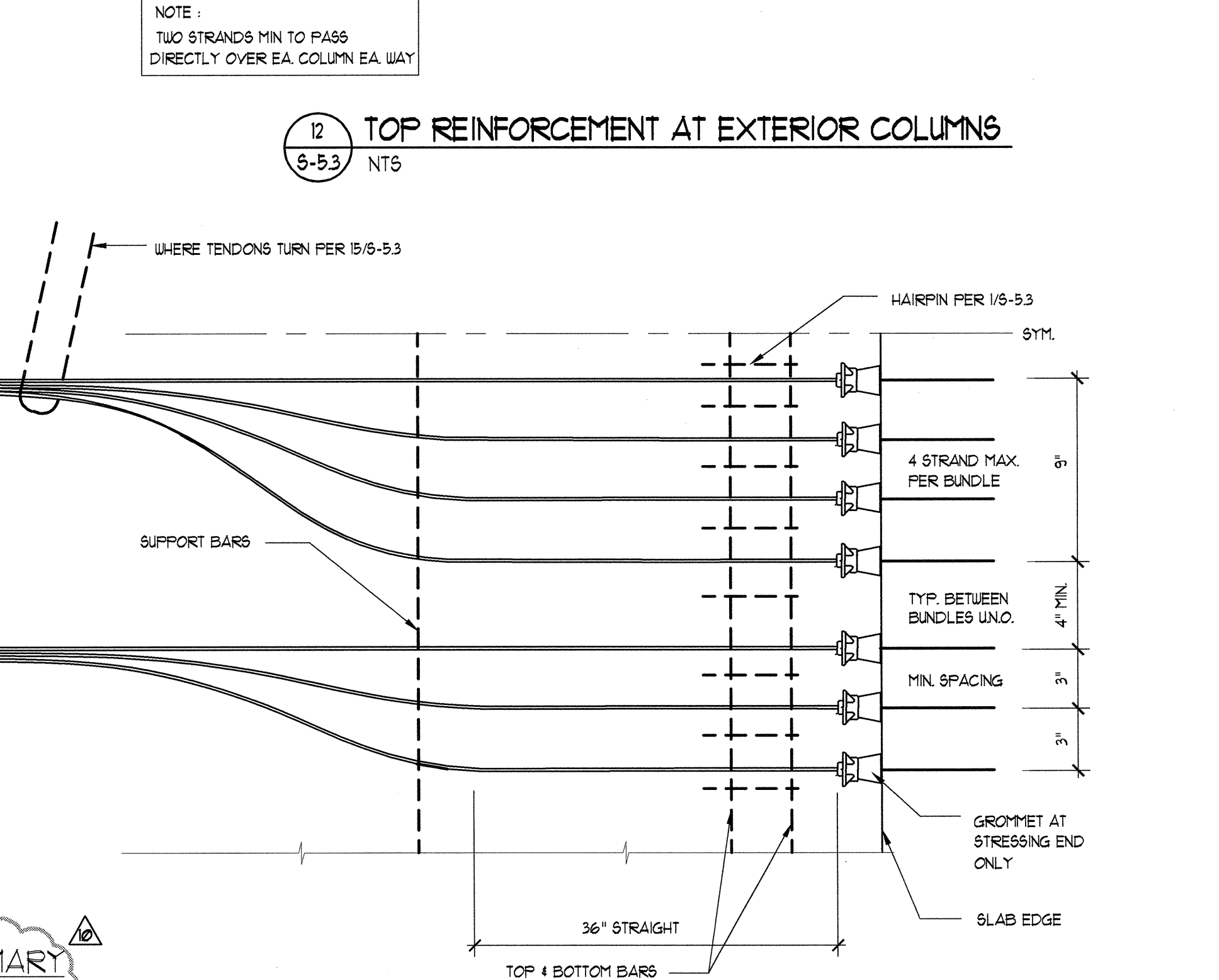
15 TENDON PLACEMENT AT OPENING 24\"/>



16 TENDON PLACEMENT FOR TURNS GREATER THAN 1:12
5-53 NTS

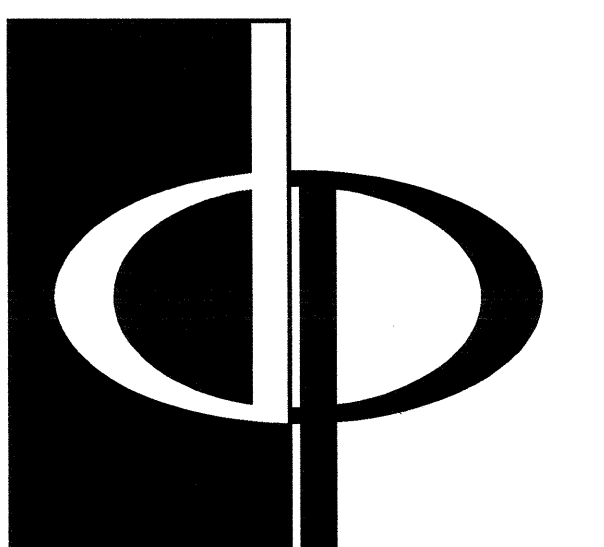


17 TYP. HAIRPIN @ TENDON TURNS
5-53 NTS



18 FLARING OF BANDED TENDONS AT SLAB EDGE
5-53 NTS

REVISION #10 SUMMARY
A. REVISED/ADDED NOTE.



THE PRESTON PARTNERSHIP, LLC
A MULTI-DISCIPLINARY DESIGN FIRM

1000 ABERNATHY ROAD NE, SUITE 600
ATLANTA, GEORGIA 30328
TELEPHONE: 770 396 7248
FAX: 770 396 2945

WWW.THEPRESTONPARTNERSHIP.COM

CONSULTANT

SEAL



PROJECT
ARCHSTONE
KENTLANDS
945 GUNGE ORCHARD ROAD
GAITHERSBURG, MARYLAND

FOR

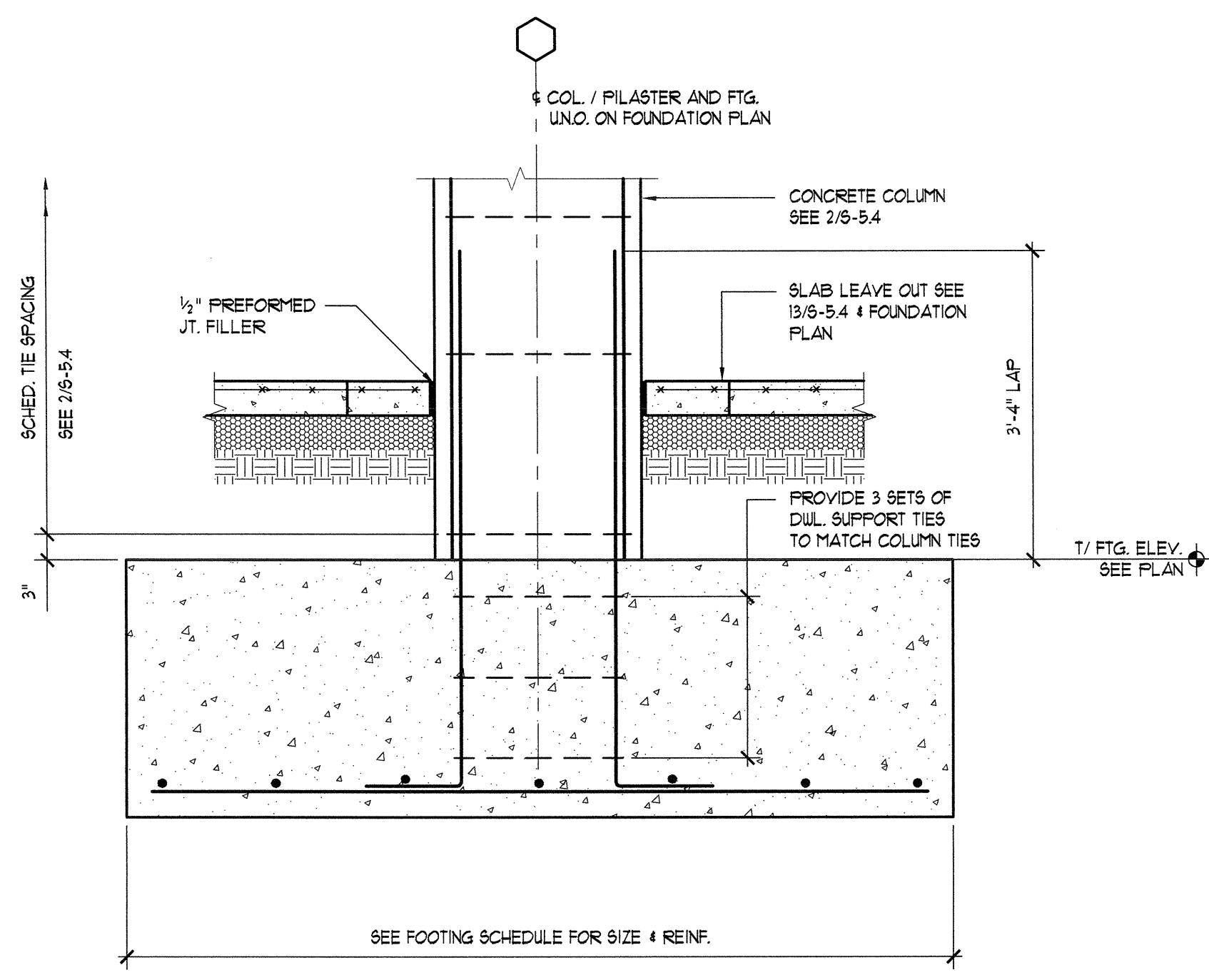
ARCHSTONE
COMMUNITIES
6631 OLD DOMINION DRIVE
MCLEAN, VIRGINIA 22101
703-683-3353

REVISIONS
RELEASED FOR CONSTRUCTION 01/31/03
TOP POPOFF REVIEW COMMENTS 01/28/03

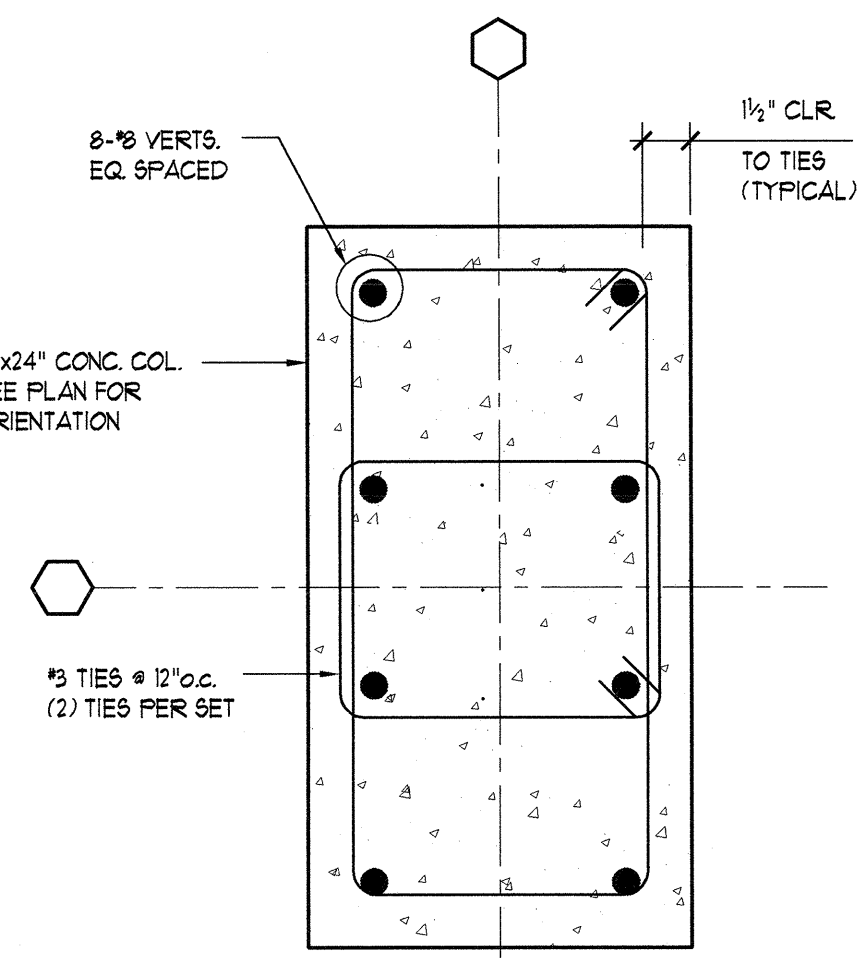
DATE 01/31/03
JOB NUMBER 021102
DRAWN BY JRE/JR
CHECKED BY
DRAWING TITLE K1
P.T. SLAB SECTIONS & DETAILS

DRAWING NUMBER
6-5.03

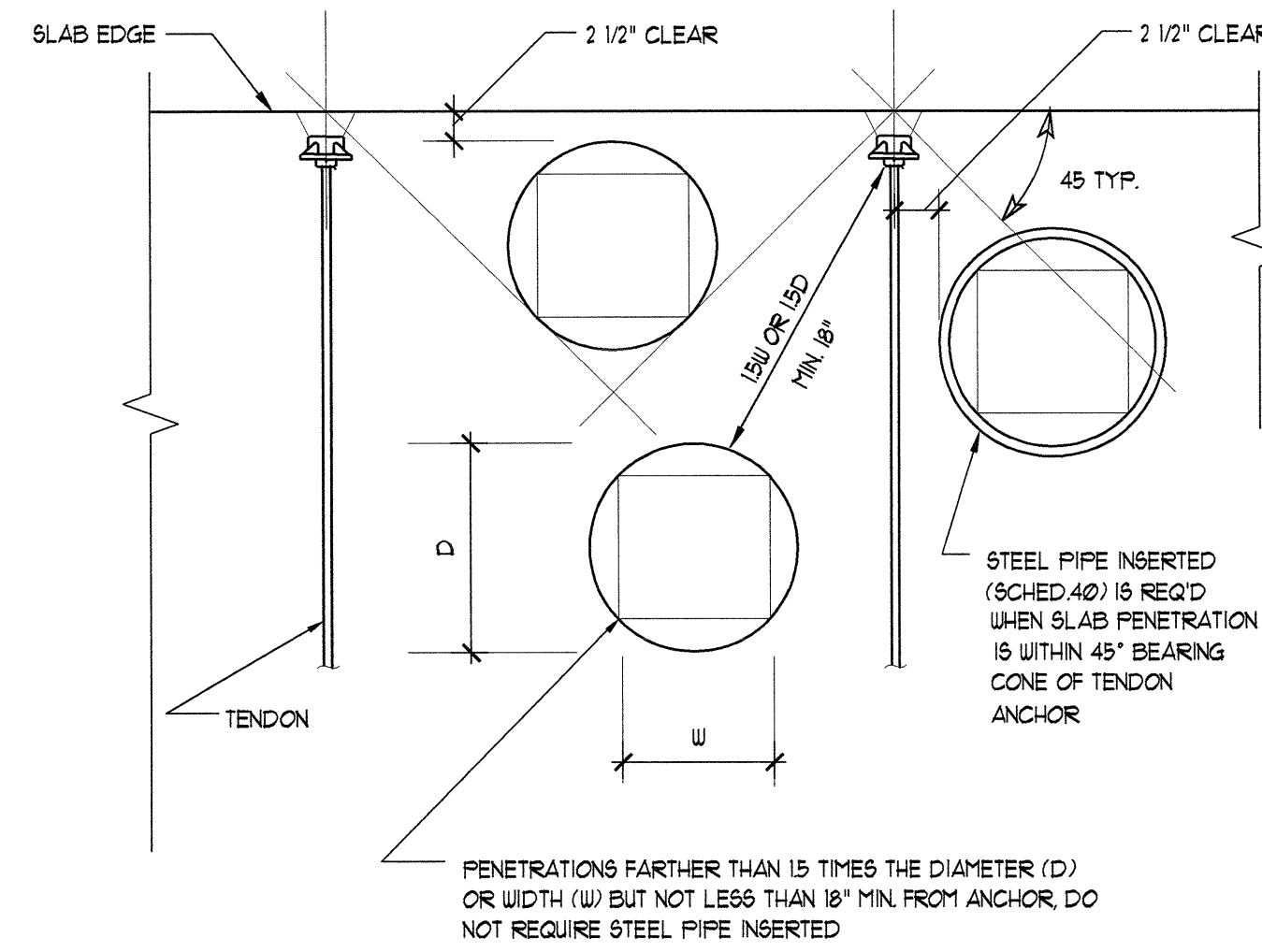
COMMENTS



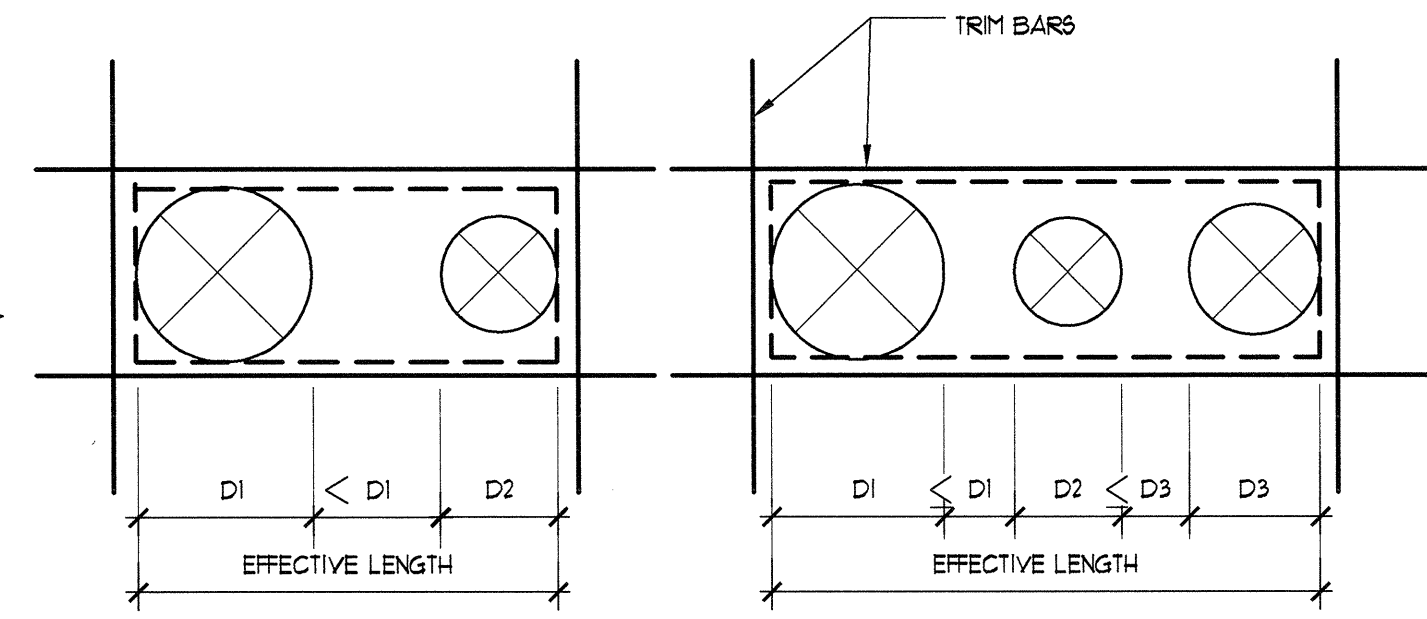
1 TYP. CONC. COLUMN AND FOOTING DETAIL
 8-5.4 SCALE: NTS



2 TYP. COLUMN PLAN DETAIL
 8-5.4 SCALE: NTS



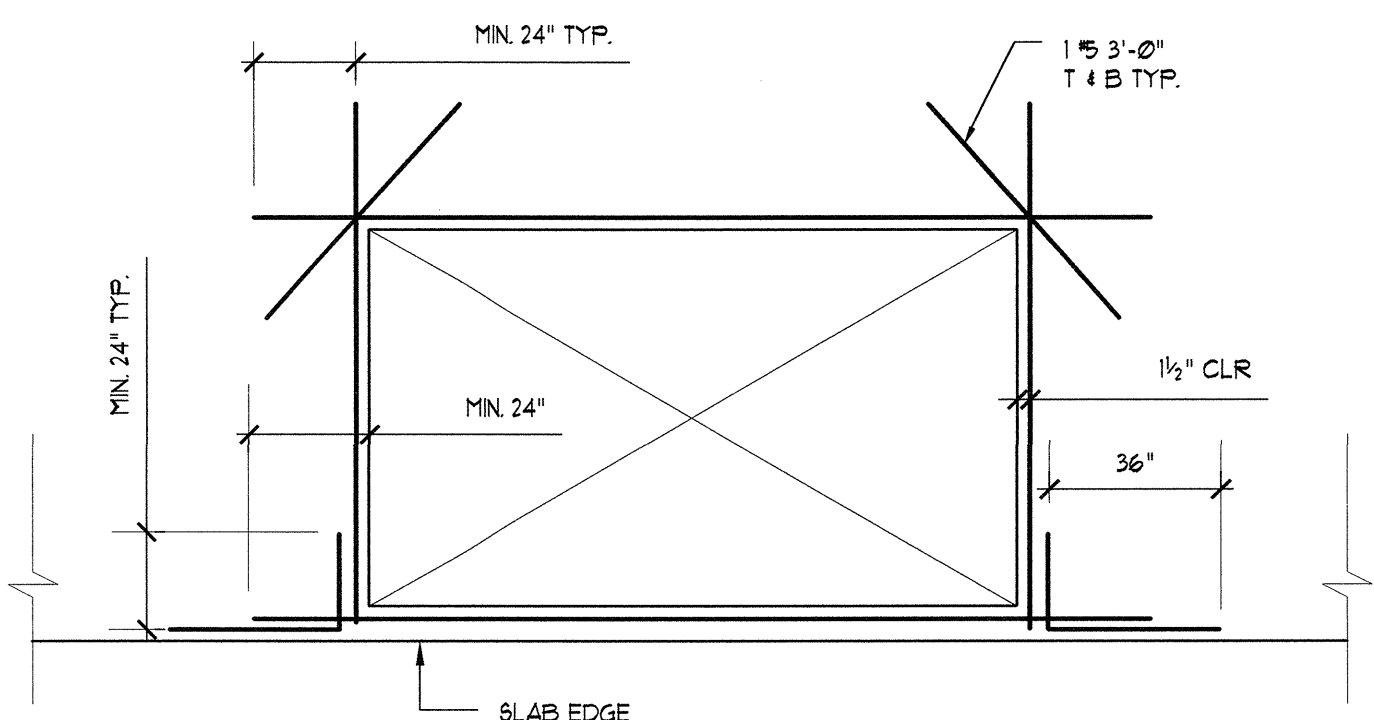
3 OPENINGS AT PT ANCHORAGE
 8-5.4 NTS



INSERTS WHICH ARE CLOSER TO ONE ANOTHER THAN THE DIAMETER OF THE LARGER OF THE TWO ARE CONSIDERED TO FORM A COMBINED OPENING

- IF THE EFFECTIVE LENGTH OF THE COMBINED OPENING IS LESS THAN 12' NO TRIM BARS ARE REQUIRED
- IF THE EFFECTIVE LENGTH OF THE COMBINED OPENING IS MORE THAN 12', BUT LESS THAN 24', PROVIDE 1 #5 T 4 B WITH 1'-0" EMBEDMENT PAST THE OPENING.
- NO DIAGONAL BARS ARE NECESSARY
- IF THE EFFECTIVE LENGTH OF THE COMBINED OPENING IS LARGER THAN 24' REFER FOR TRIM BARS TO 6/6-5.4

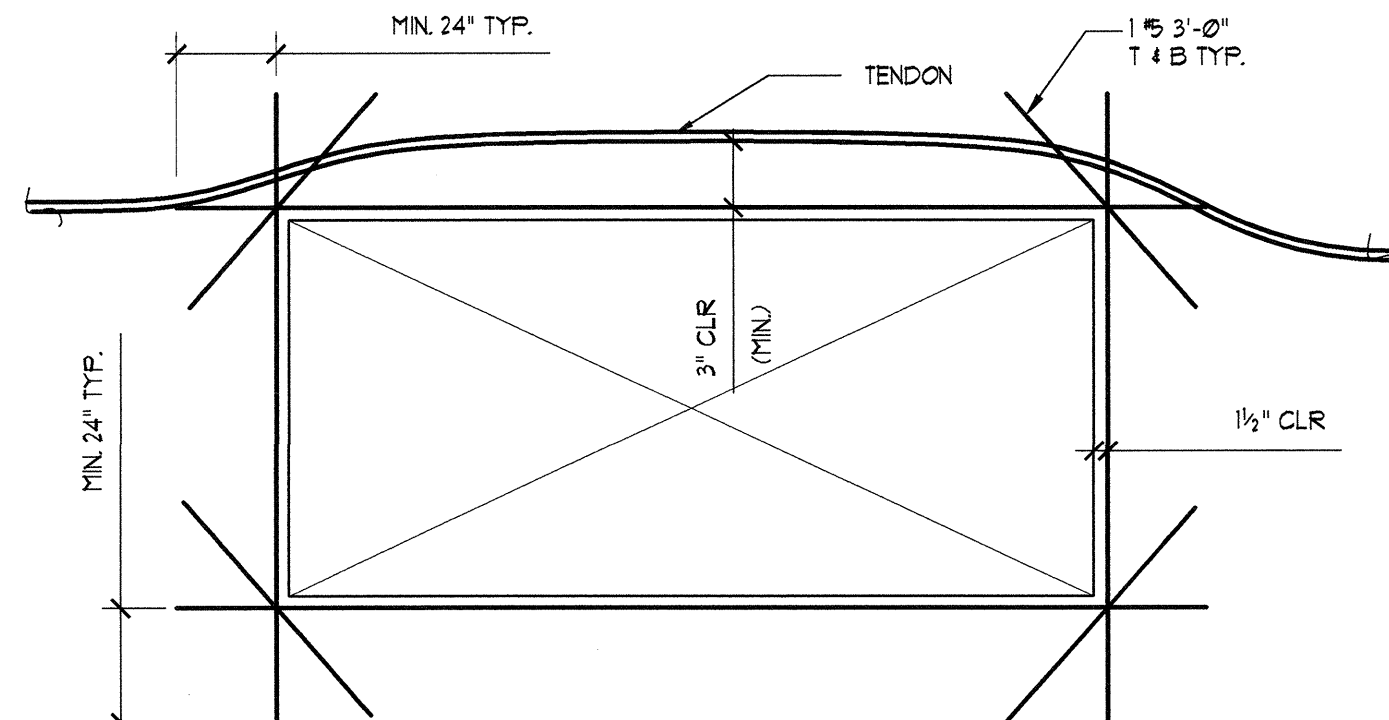
4 TRIM BARS FOR MULTIPLE OPENINGS
 8-5.4 NTS



MAX. DIMENSION	REINFORCING
12" TO 18"	1 #5 EA. SIDE
18" TO 2'-6"	1 #5 T 4 B. EA. SIDE
2'-6" 4 LARGER	2 #5 T 4 B. EA. SIDE

NOTES:
 1- ALL OPENINGS LARGER THAN 12" SHALL BE TRIMMED AS SHOWN
 2- THESE BARS ARE IN ADDITION TO REBAR SHOWN ON PLANS
 3- FOR MULTIPLE OPENINGS SEE 4/6-5.4

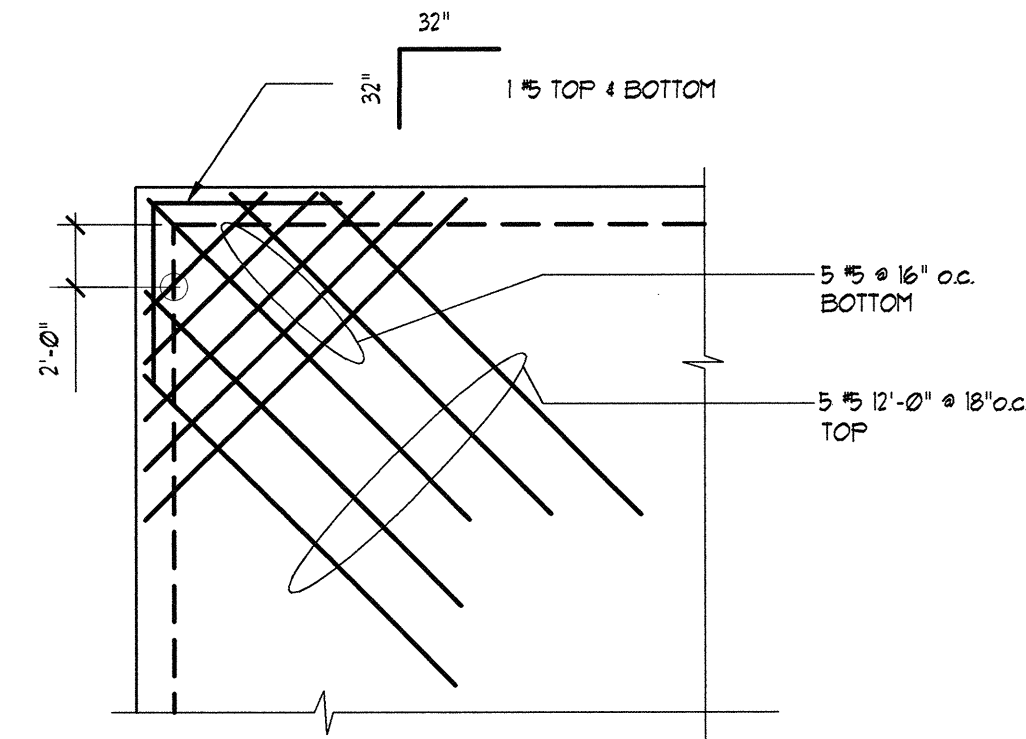
5 TRIM BARS FOR OPENINGS AT SLAB EDGE
 8-5.4 NTS



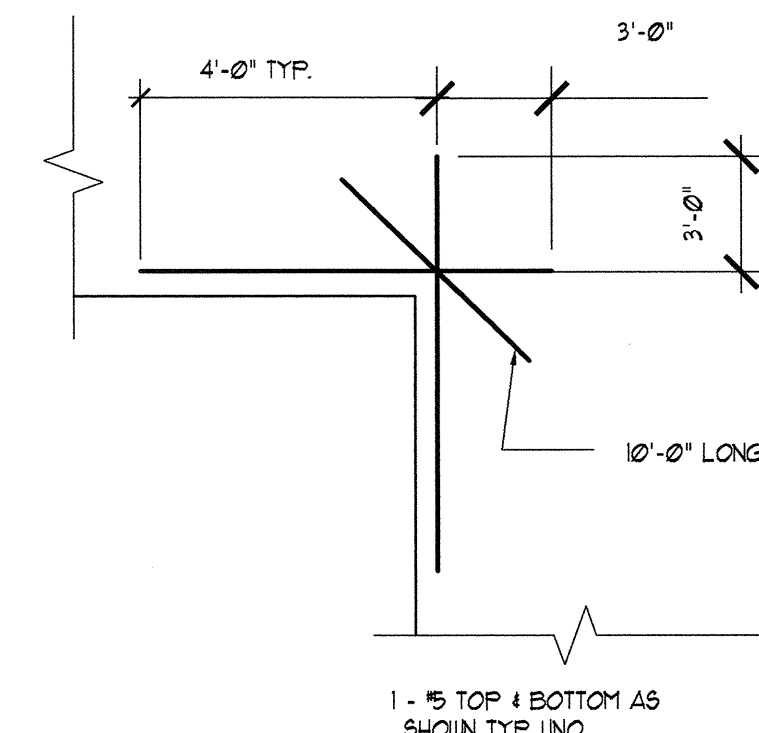
MAX. DIMENSION	REINFORCING
12" TO 18"	1 #5 EA. SIDE
18" TO 2'-6"	1 #5 T 4 B. EA. SIDE
2'-6" 4 LARGER	2 #5 T 4 B. EA. SIDE

NOTES:
 1- ALL OPENINGS LARGER THAN 12" SHALL BE TRIMMED AS SHOWN
 2- THESE BARS ARE IN ADDITION TO REBAR SHOWN ON PLANS
 3- FOR MULTIPLE OPENINGS SEE 4/6-5.4

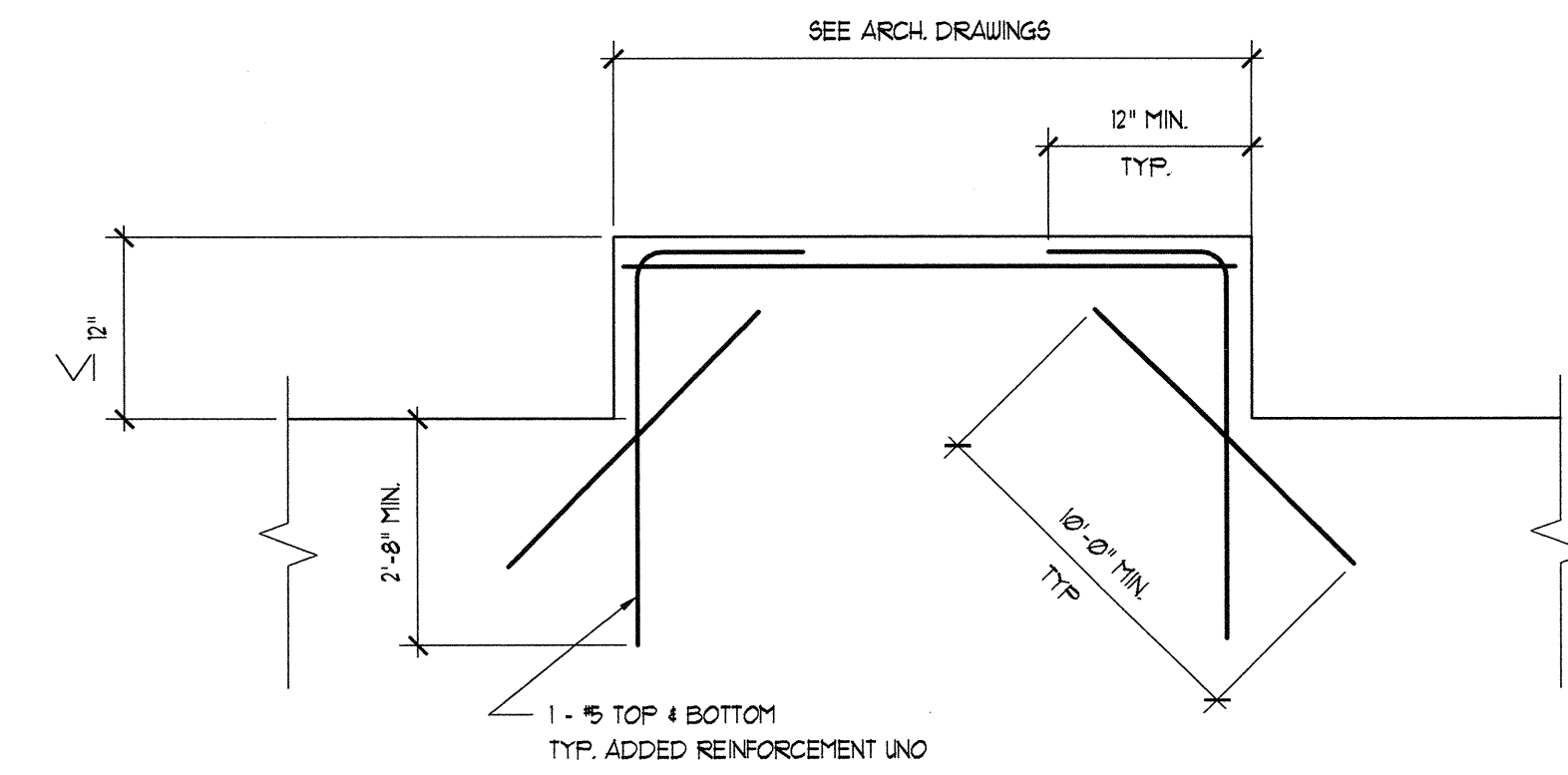
6 TRIM BARS FOR INTERIOR OPENINGS IN SLAB
 8-5.4 NTS



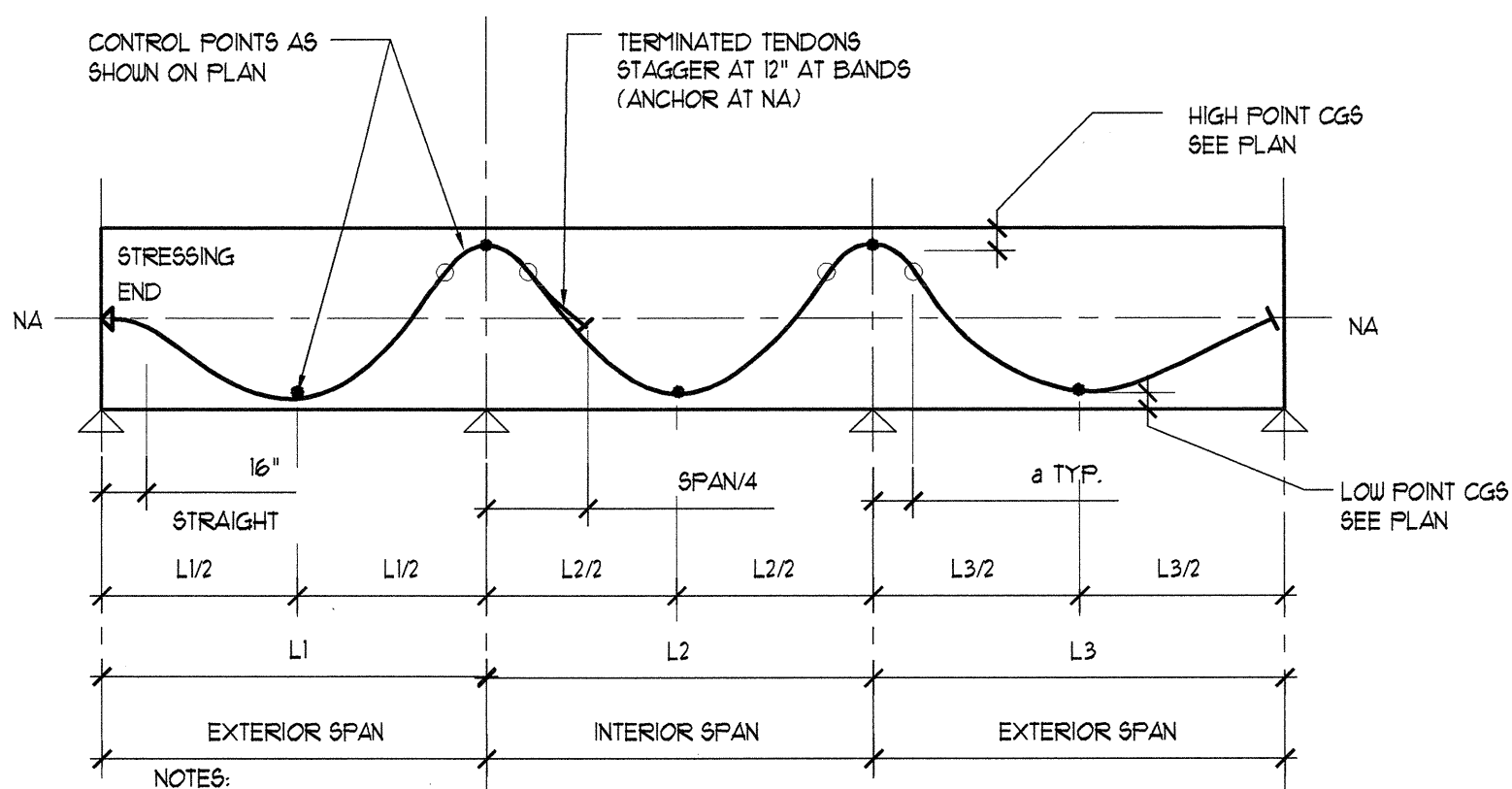
7 TRIM BARS AT SUPPORTED SLAB EDGES
 8-5.4 NTS



8 TRIM BARS AT RE-ENTRANT CORNERS
 8-5.4 NTS

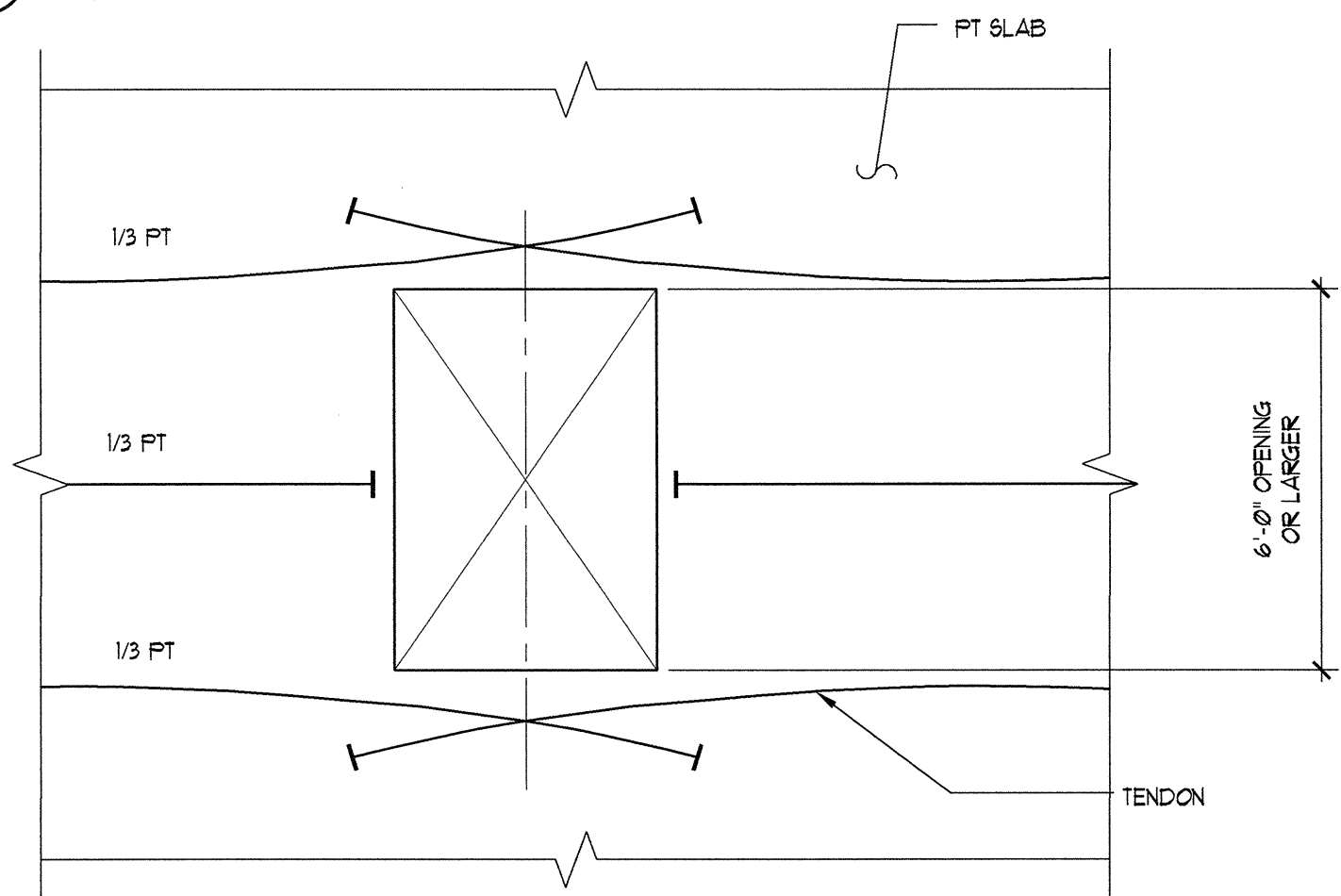


9 TRIM BARS AT CANTILEVERED SLAB
 8-5.4 NTS



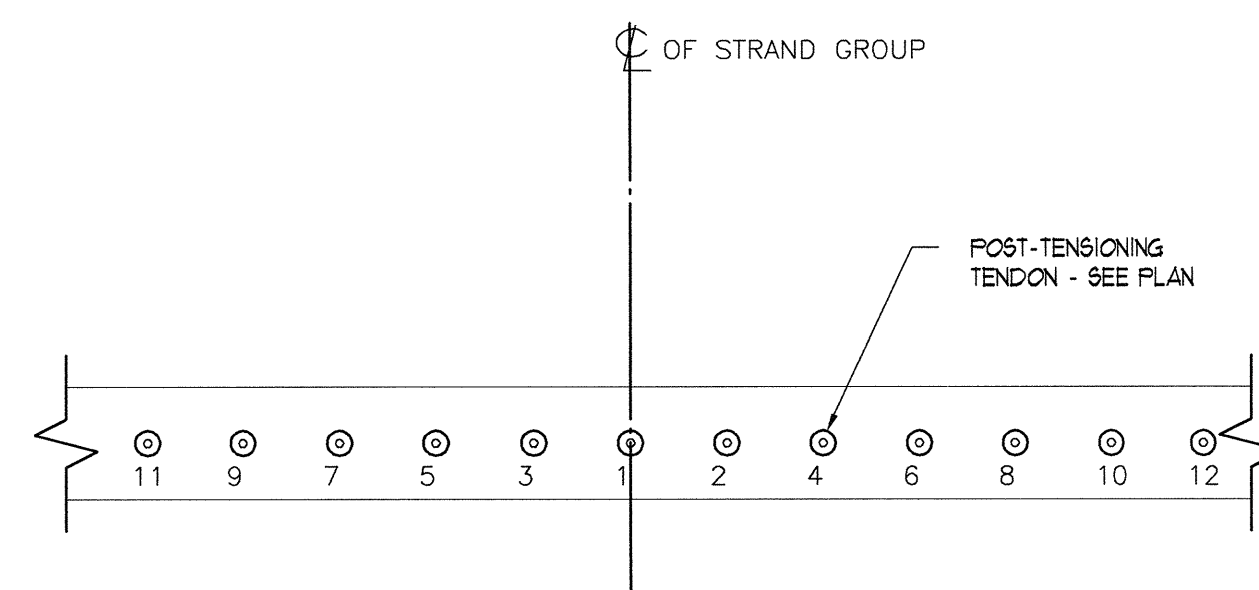
NOTES:
 1. $a = \phi \cdot L$
 FOR UNIFORM SLAB
 2. NA IS AT MID-DEPTH
 3. CGS DENOTES CENTER OF GRAVITY OF TENDON

10 PROFILE FOR REVERSED PARABOLA TENDONS
 8-5.4 NTS



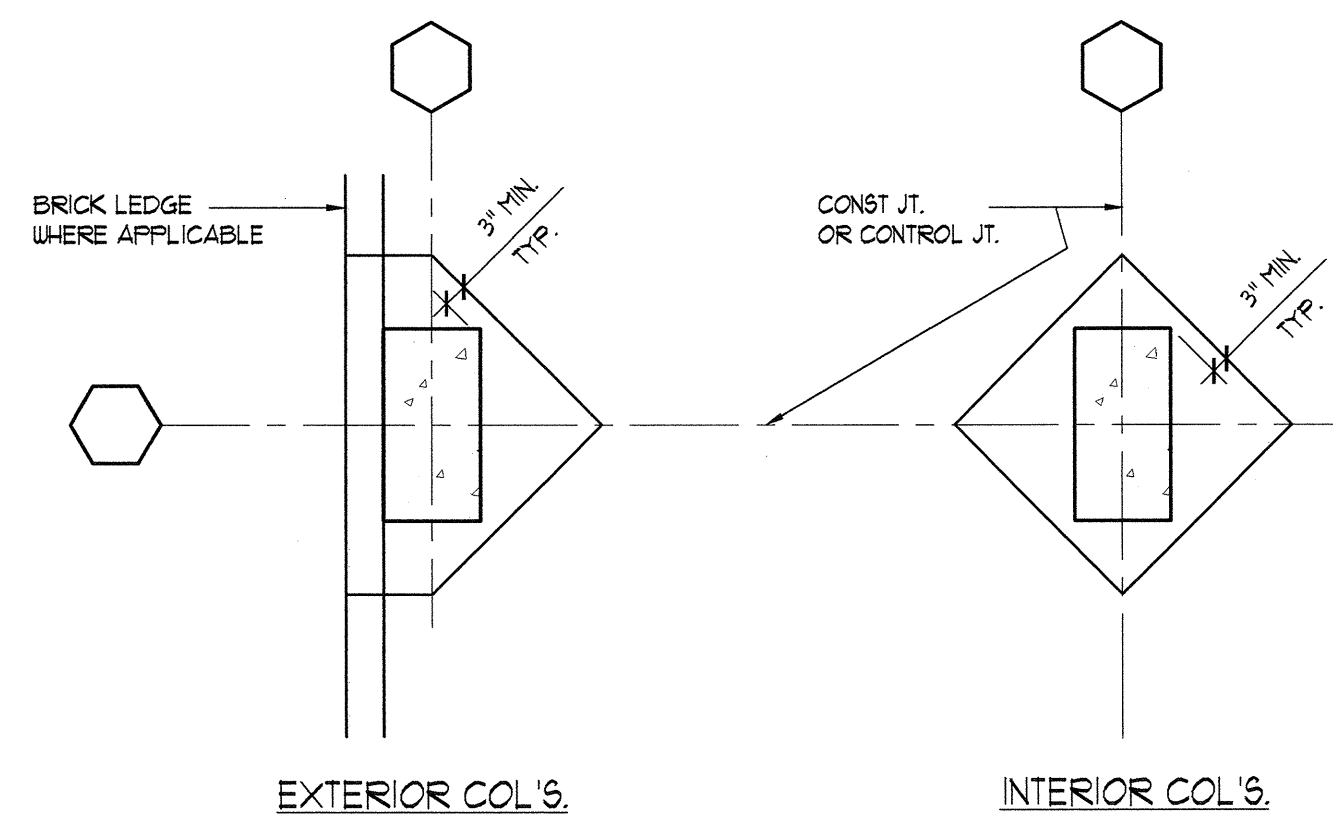
NOTE: PT IS POST-TENSIONING WHICH OCCURS AT OPENING

11 ARRANGEMENT OF TENDONS AT OPENING 6'-0" OR LARGER
 8-5.4 NTS

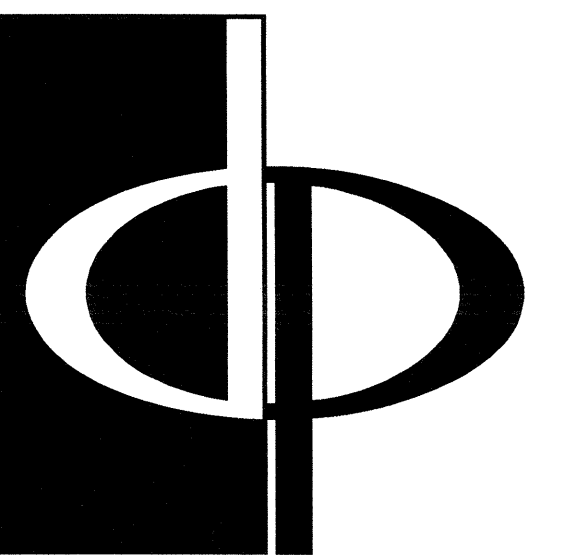


NOTE:
 START AT CENTER OF STRAND GROUP THEN GO TO RIGHT AND LEFT OF CENTER PER DIAGRAM ABOVE CONTINUE THIS SEQUENCE UNTIL ALL TENDONS ARE STRESSED.

12 STRESSING SEQUENCE at BANDED TENDONS
 8-5.4 NTS



13 TYP. SLAB BLOCK OUT DETAILS
 8-5.4 SCALE: NTS.



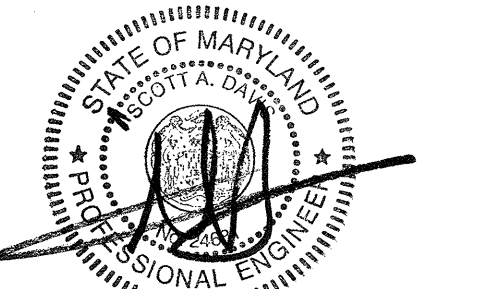
THE PRESTON PARTNERSHIP, LLC
 A MULTI-DISCIPLINARY DESIGN FIRM

1000 ABERNATHY ROAD NE, SUITE 600
 ATLANTA, GEORGIA 30328
 TELEPHONE: 770 396 7248
 FAX: 770 396 2945

WWW.THEPRESTONPARTNERSHIP.COM

CONSULTANT

SEAL



10.17.03

PROJECT

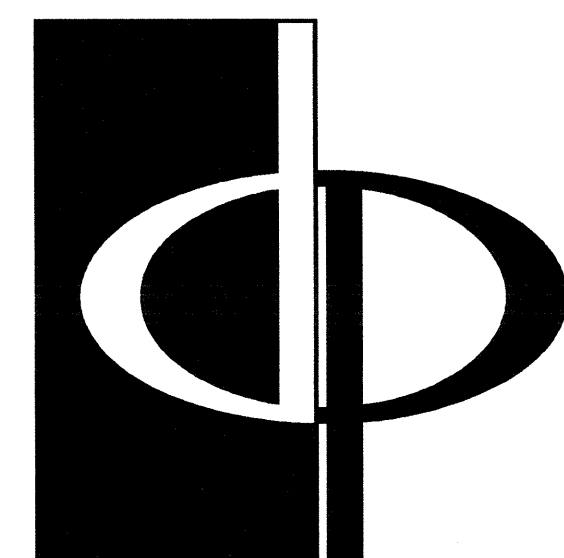
ARCHSTONE
 KENTLANDS
 949 GUNGE ORCHARD ROAD
 GAITHERSBURG, MARYLAND

FOR

ARCHSTONE
 COMMUNITIES
 6631 OLD DOMINION DRIVE
 MCLEAN, VIRGINIA 22101
 703-883-3353

REVISIONS
 RELEASED FOR CONSTRUCTION 01/18/03

DATE 01/31/03
 JOB NUMBER 021108
 DRAWN BY JRE/JR
 CHECKED BY JRE/JR
 DRAWING TITLE K1
 P.T. SLAB SECTIONS & DETAILS
 DRAWING NUMBER 8-5.04
 COMMENTS



THE PRESTON PARTNERSHIP, LLC
A MULTI-DISCIPLINARY DESIGN FIRM

1000 ABERNATHY ROAD NE, SUITE 600
ATLANTA, GEORGIA 30328
TELEPHONE: 770 396 7248
FAX: 770 396 2945

WWW.THEPRESTONPARTNERSHIP.COM

CONSULTANT

SEAL



10-17-03

PROJECT

ARCHSTONE
KENTLANDS

345 QUINCE ORCHARD ROAD
GATHERSBURG, MARYLAND

FOR

ARCHSTONE
COMMUNITIES
6631 OLD DOMINION DRIVE
MCLEAN, VIRGINIA 22101
703-883-3853

REVISIONS

RELEASED FOR CONSTRUCTION 01/31/03

TOM POPOFF REVIEW COMMENTS 01/16/03

REVISION #10 SUMMARY
A. REVISED DETAIL

DATE 01/31/03

JOB NUMBER 0211028

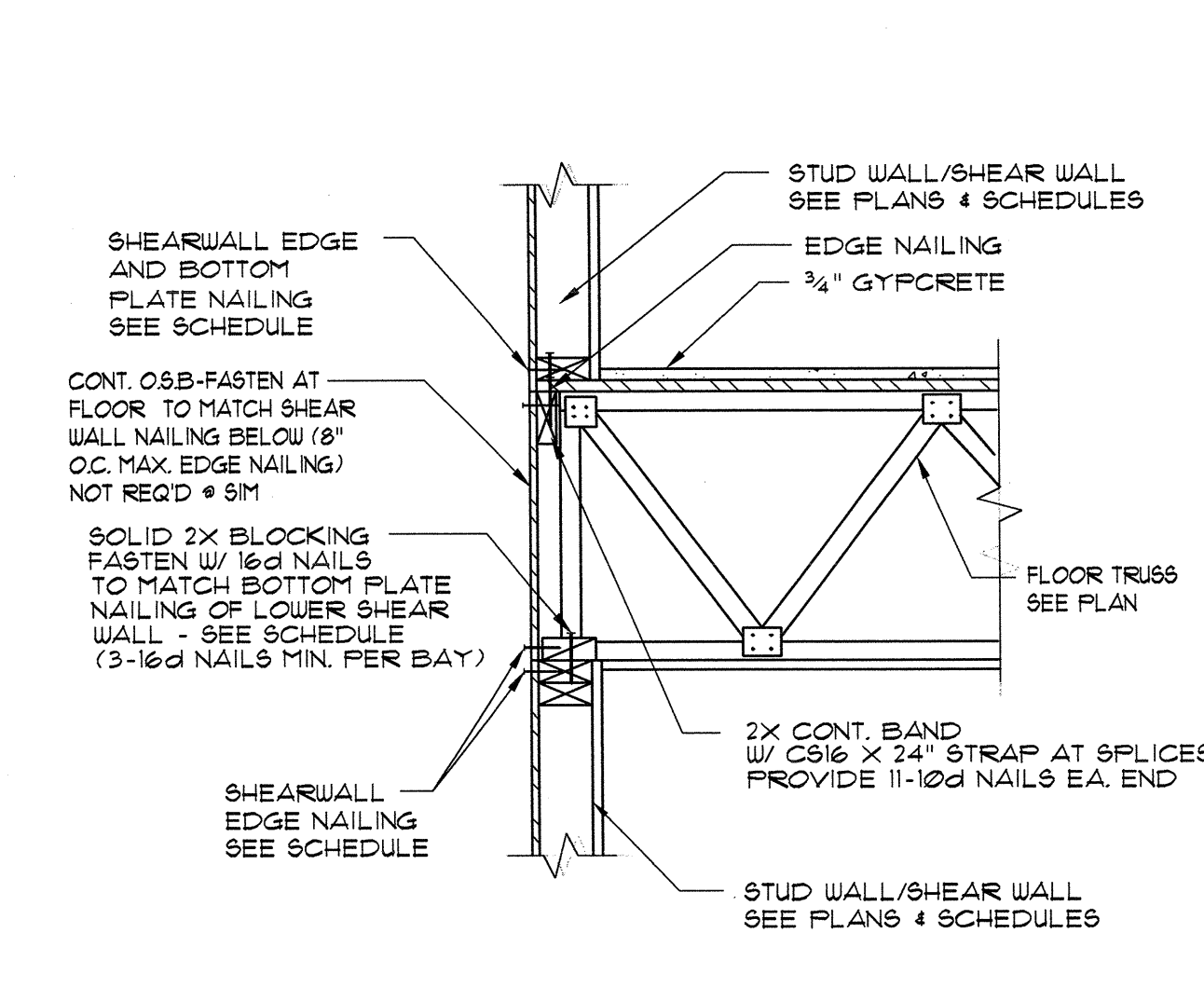
DRAWN BY BTM

CHECKED BY KM

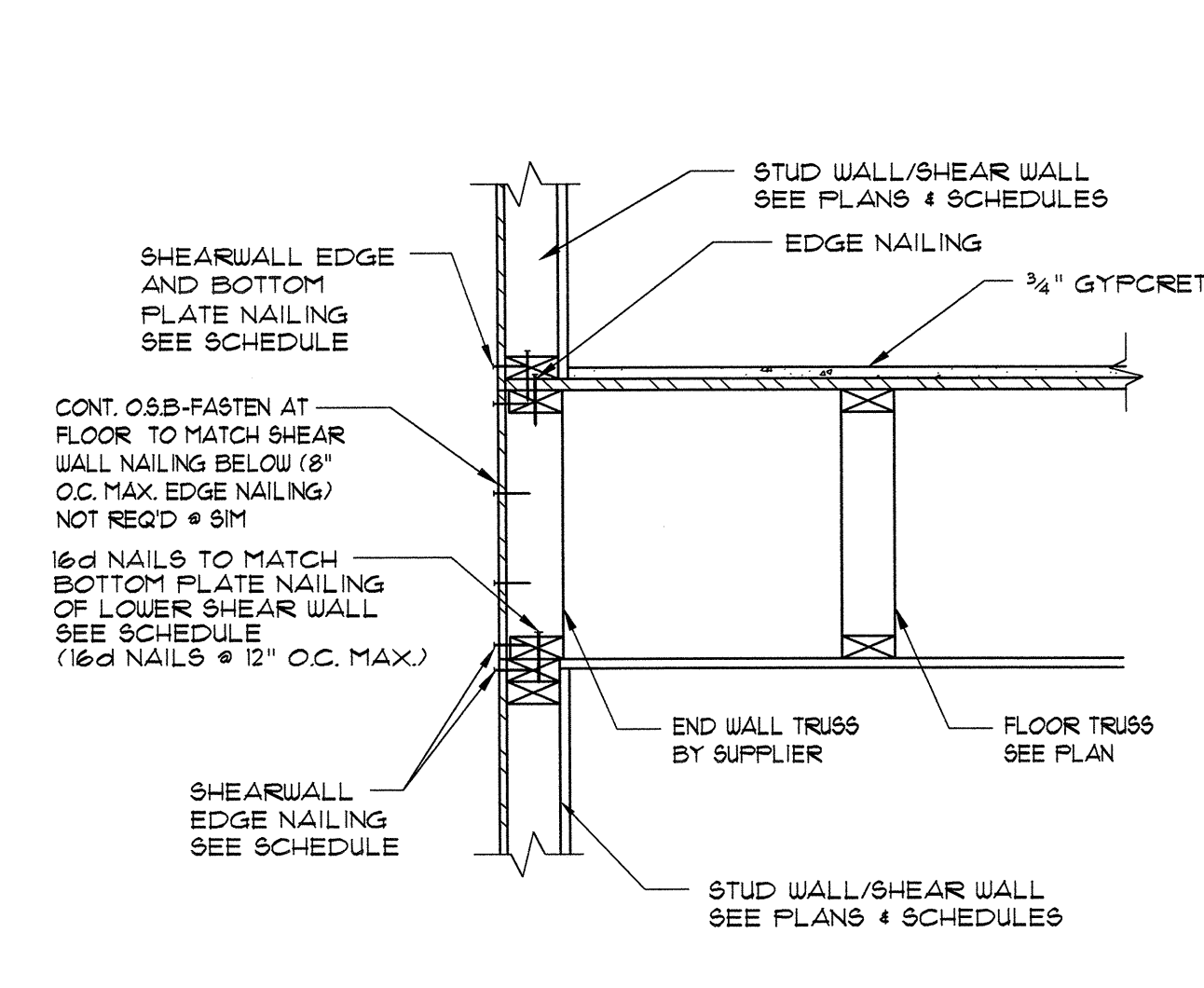
DRAWING TITLE FLOOR FRAMING SECTIONS & DETAILS

DRAWING NUMBER S-6.01

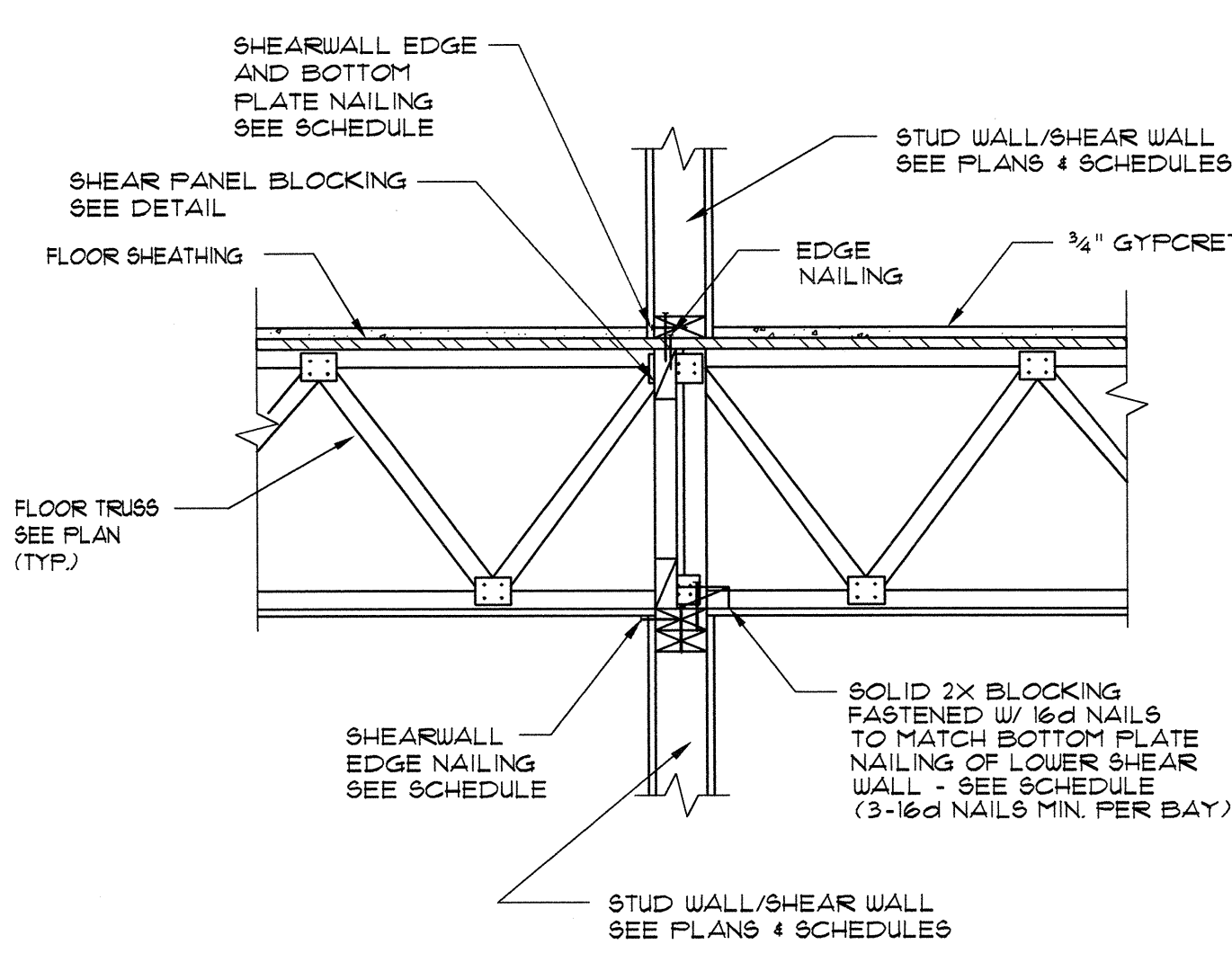
COMMENTS



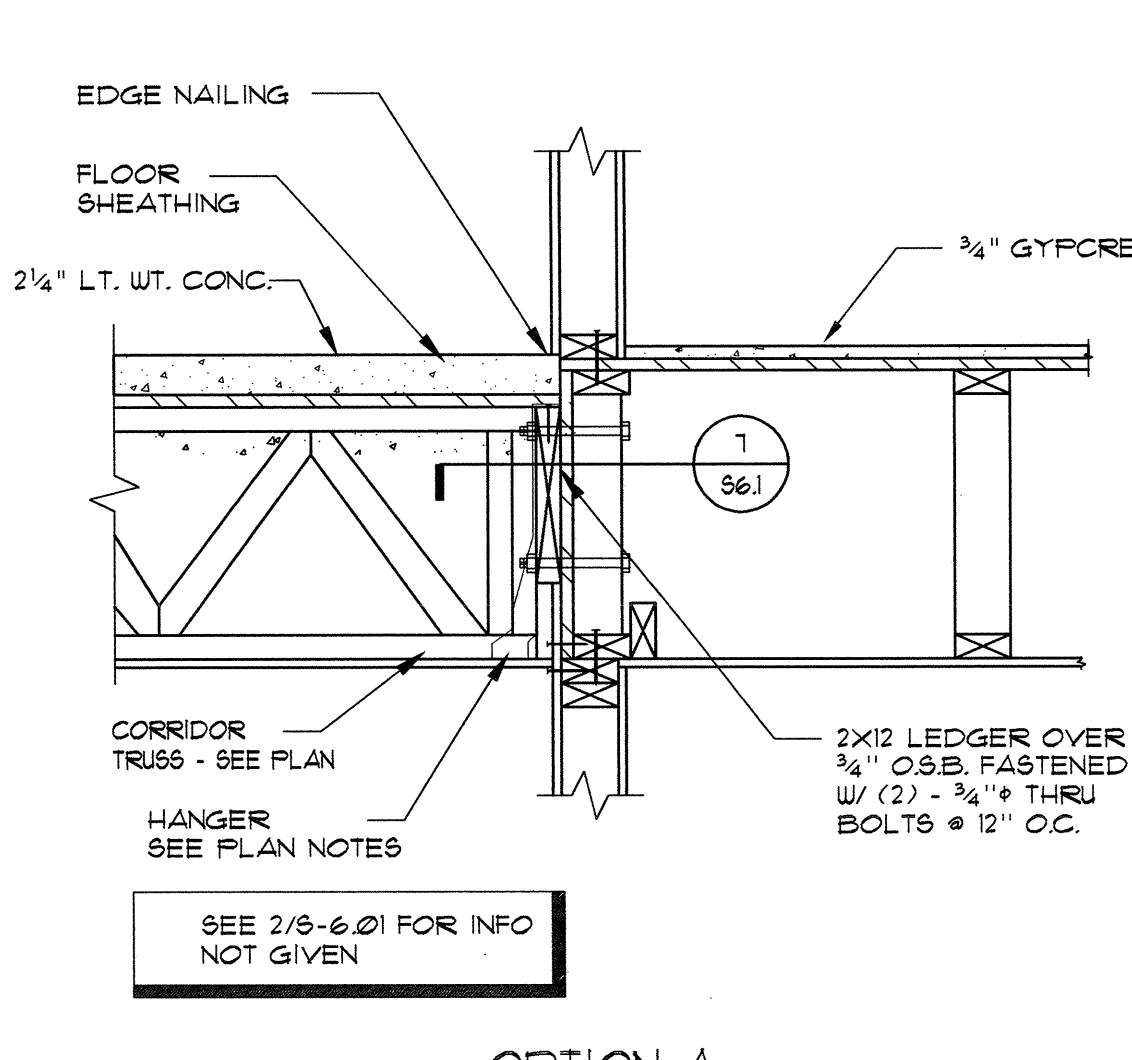
1 TYPICAL EXTERIOR BEARING WALL
SCALE: NTS



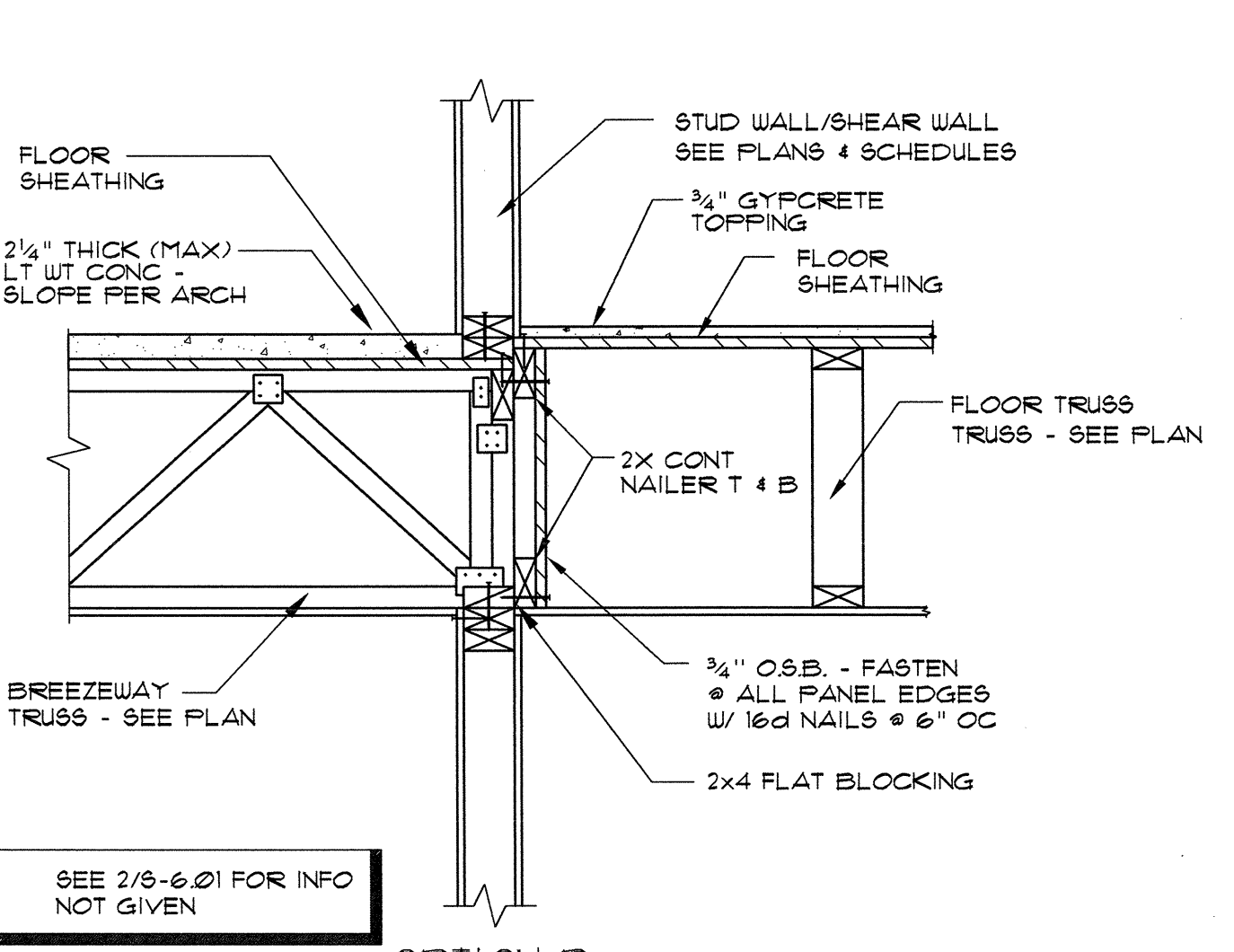
2 TYPICAL EXT. NON-LOAD BEARING WALL
SCALE: NTS



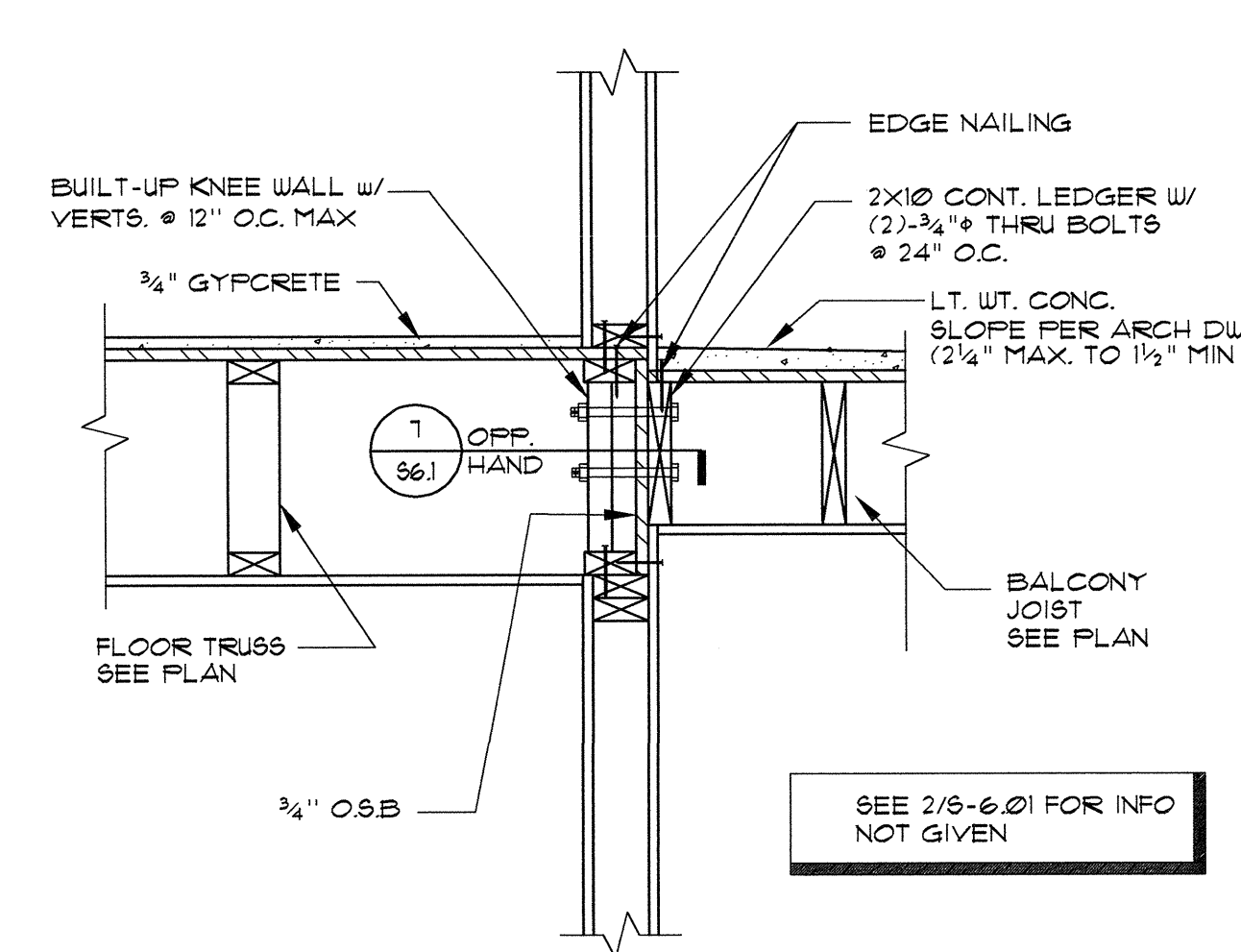
3 TYPICAL INTERIOR BEARING WALL
SCALE: NTS



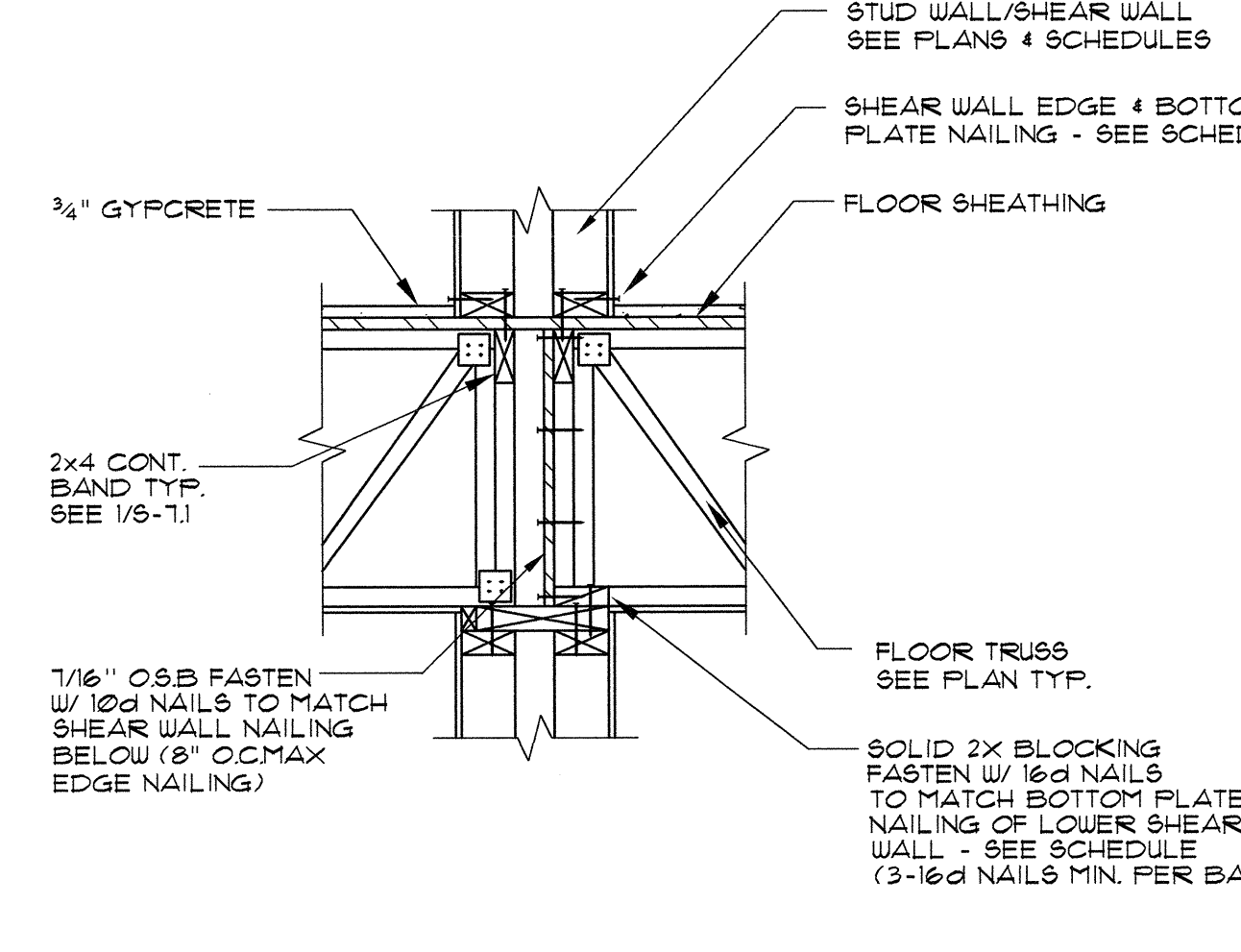
OPTION A



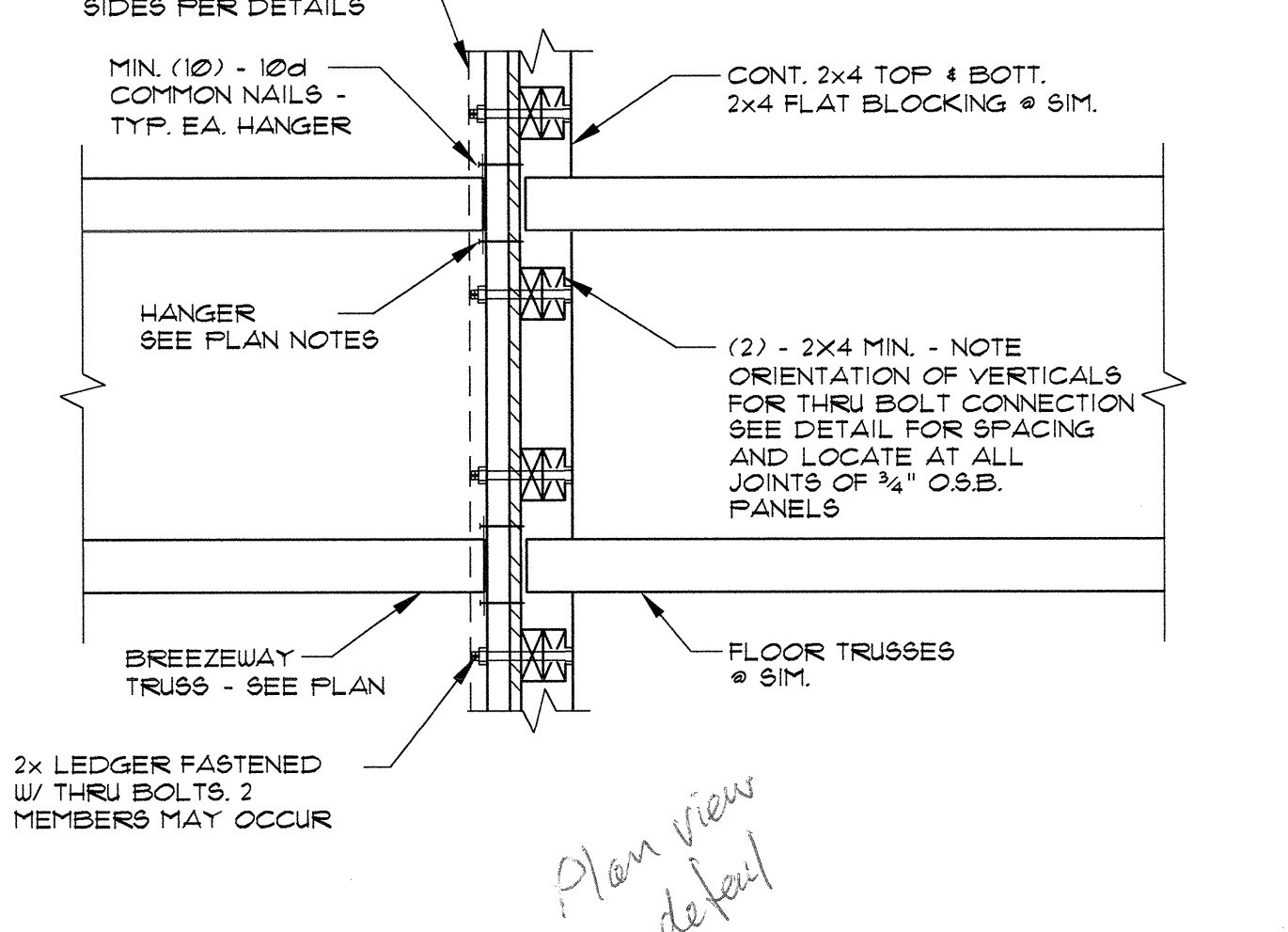
OPTION B
BOTTOM CHORD BRG TRUSS @ CORRIDOR



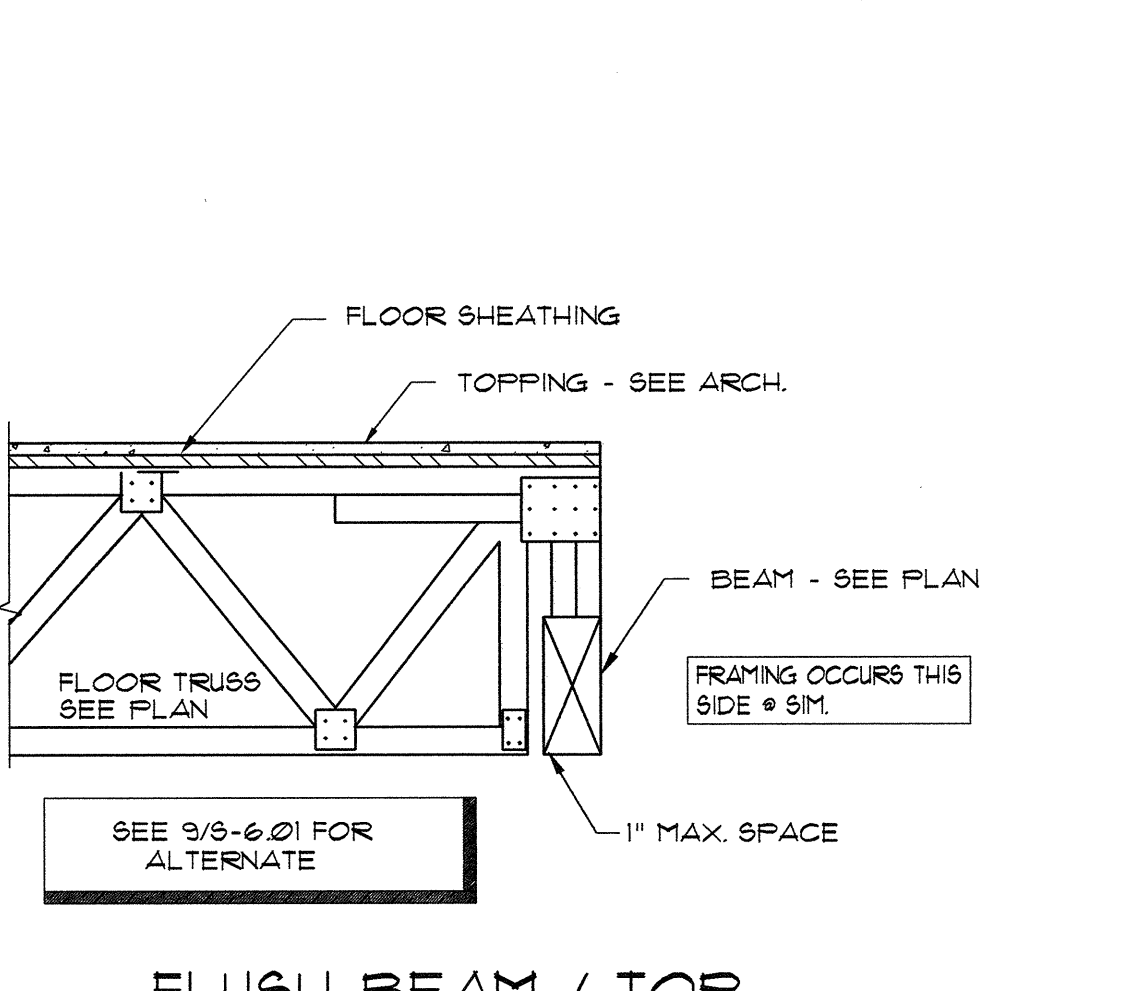
5 FLOOR FRAMING @ BALCONY
SCALE: NTS



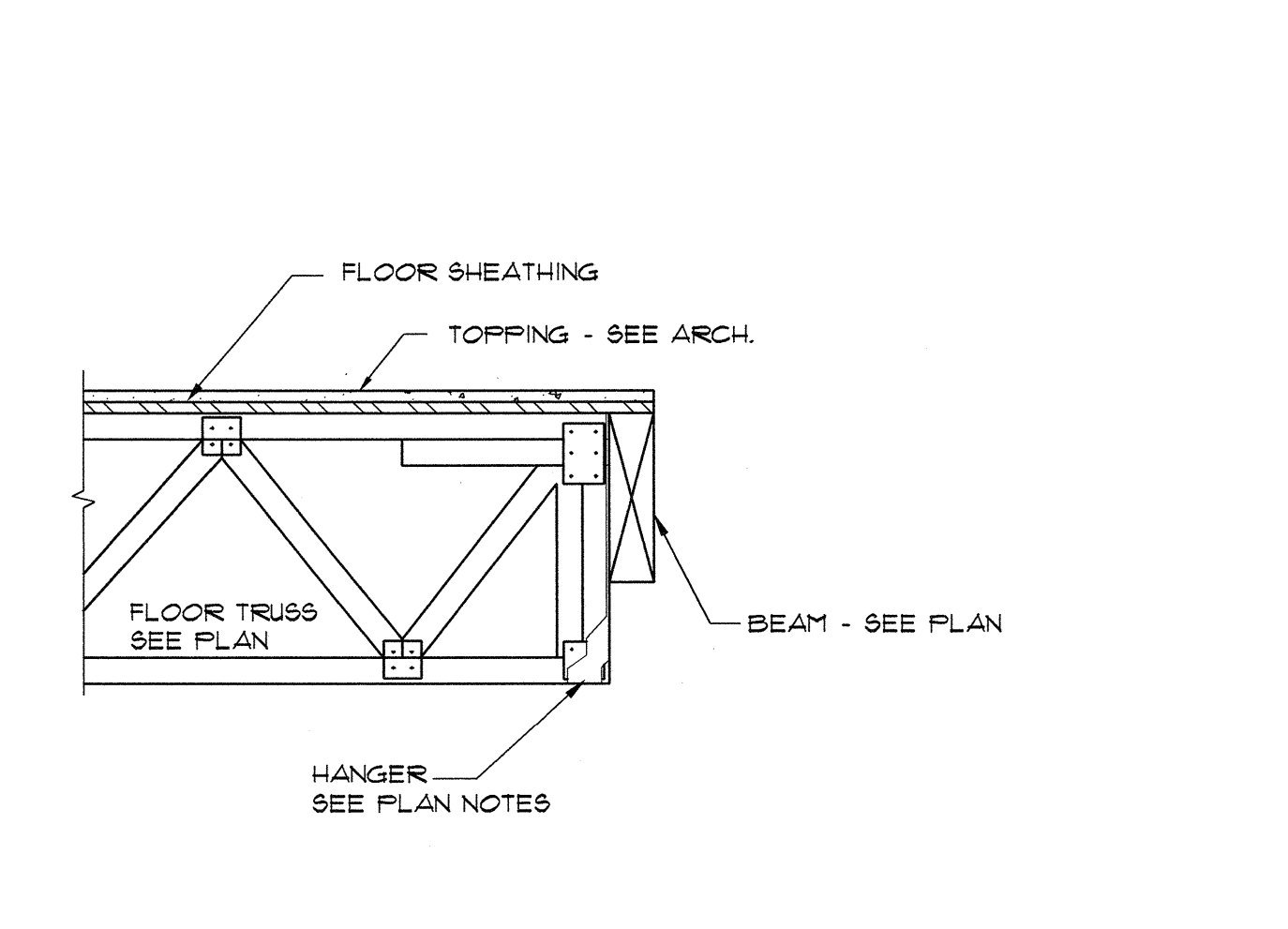
6 FLOOR FRAMING @ PARTY WALL
SCALE: NTS



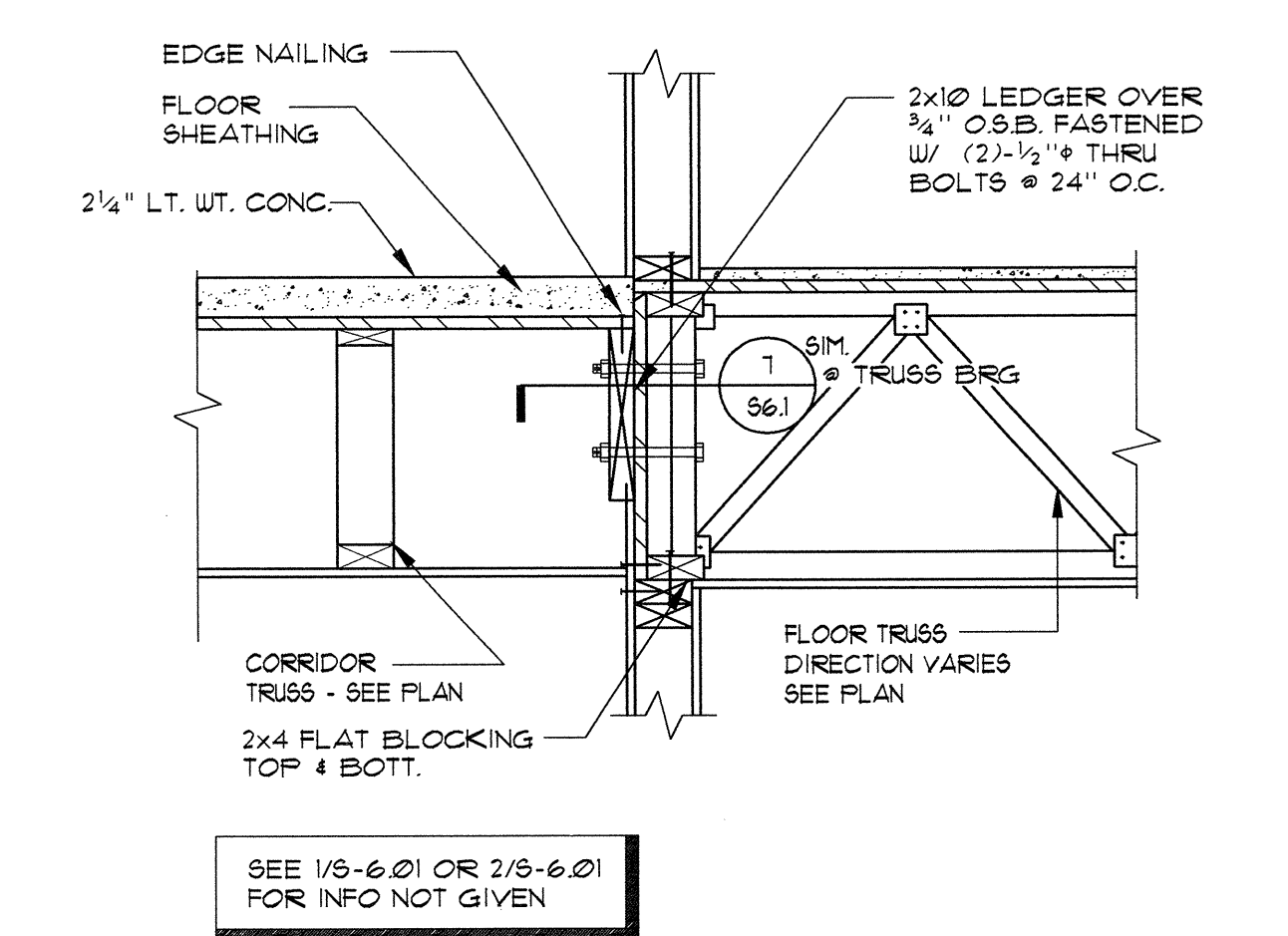
7 SECTION @ CORRIDOR/BALCONY FRAMING
SCALE: NTS



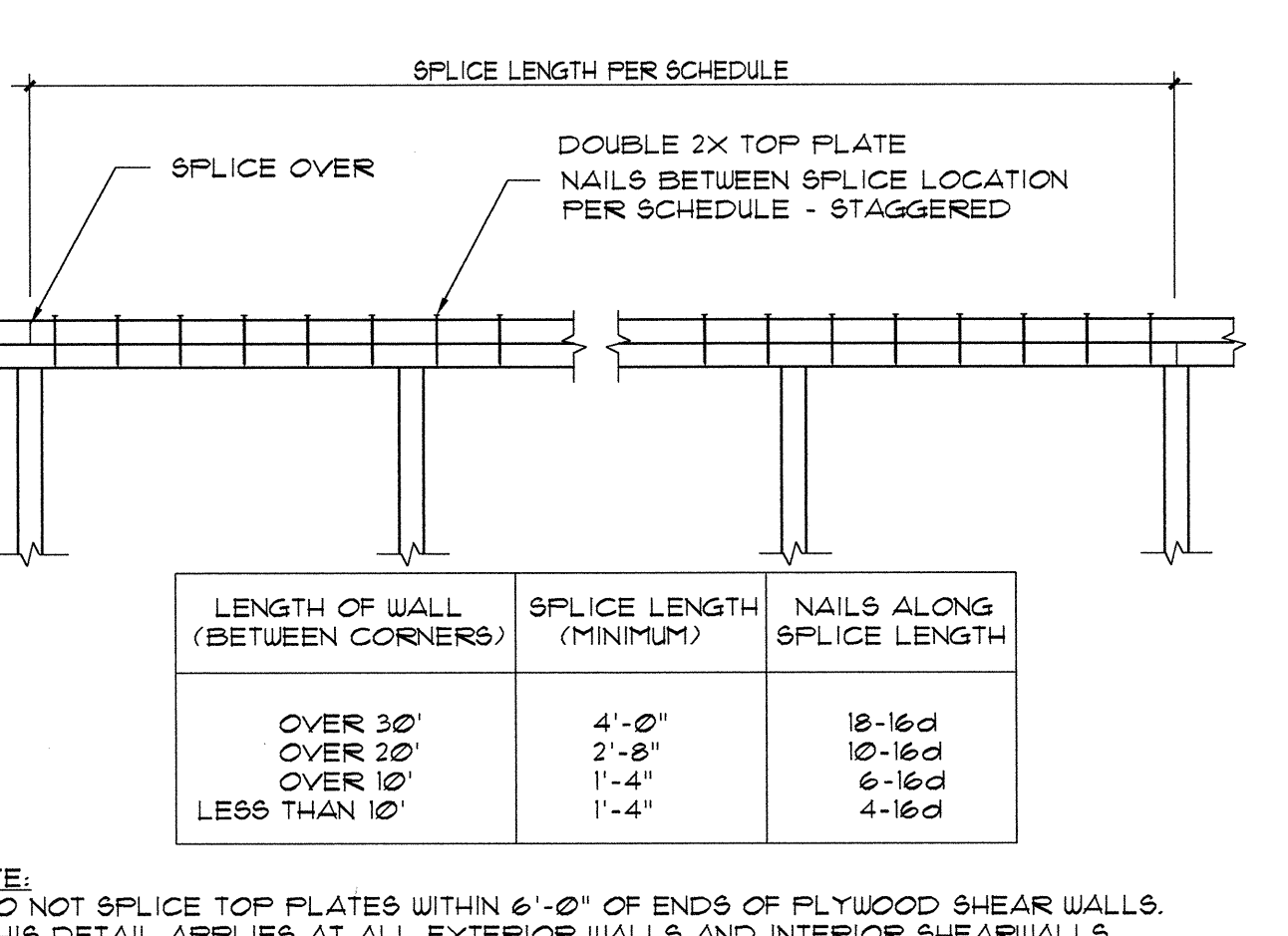
8 FLUSH BEAM / TOP CHORD BEARING
SCALE: NTS



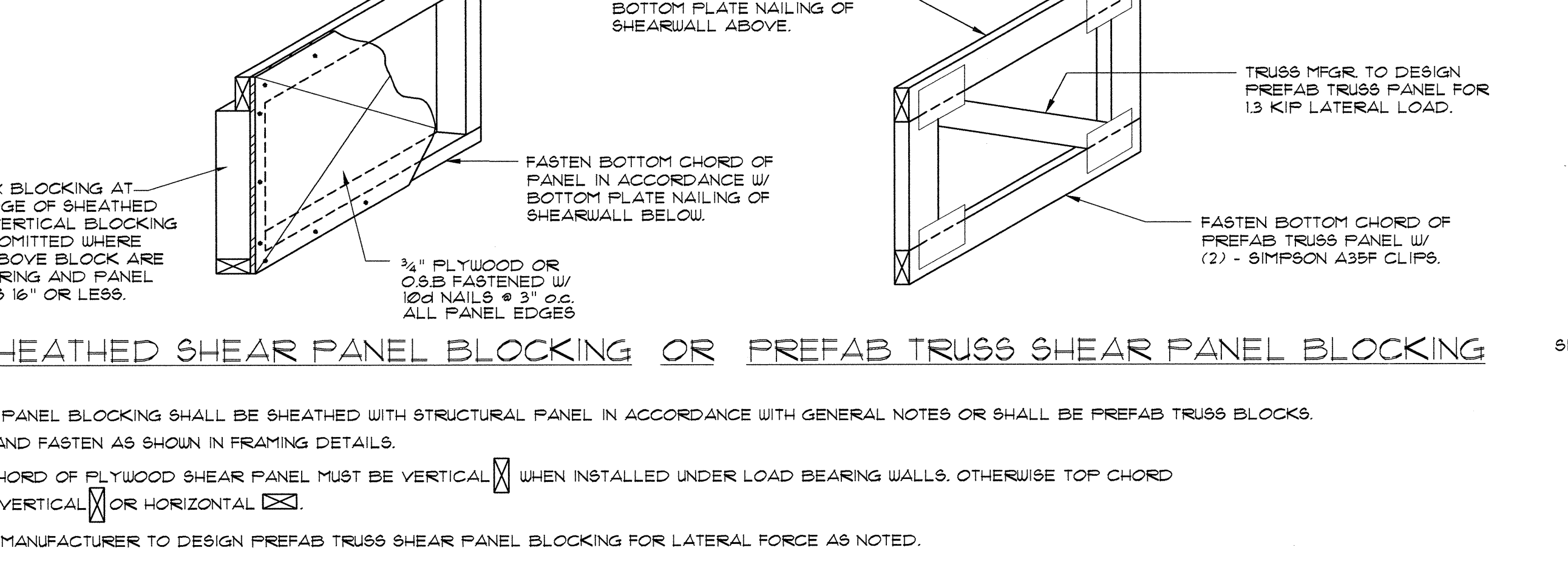
9 FLUSH BEAM W/ HANGER
SCALE: NTS



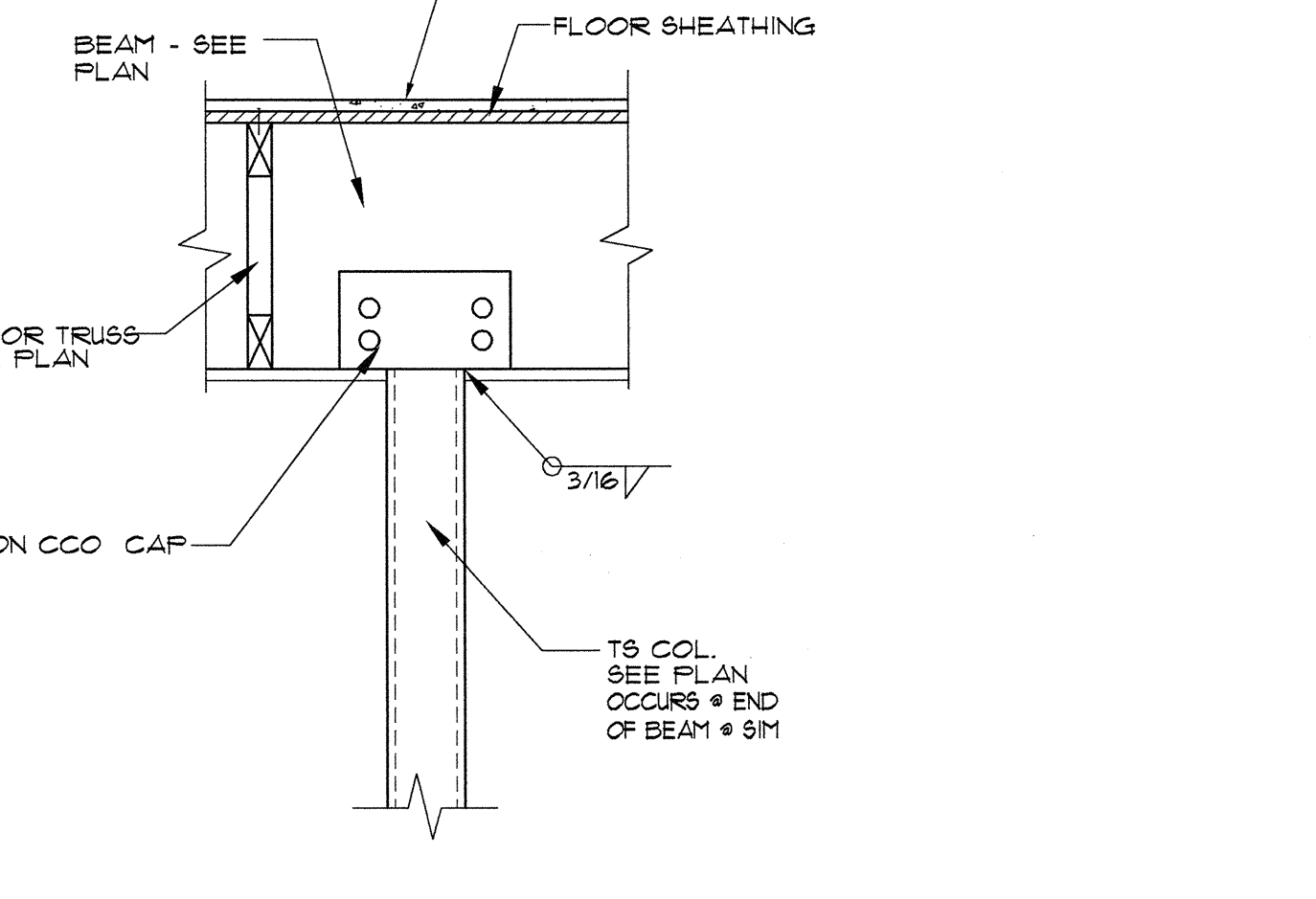
10 FLOOR FRAMING @ CORRIDOR
SCALE: NTS



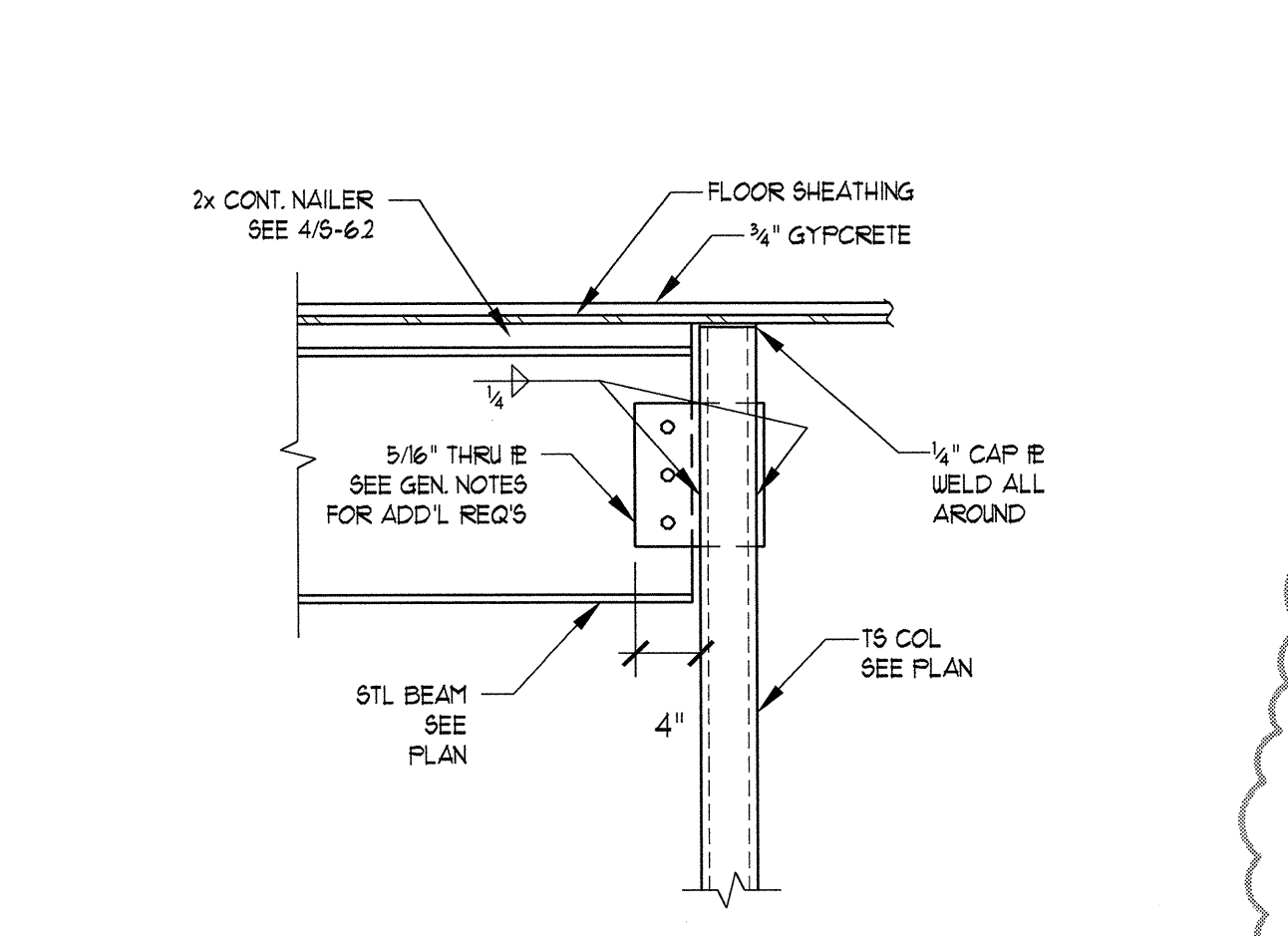
11 TYPICAL TOP PLATE SPLICE
SCALE: NTS



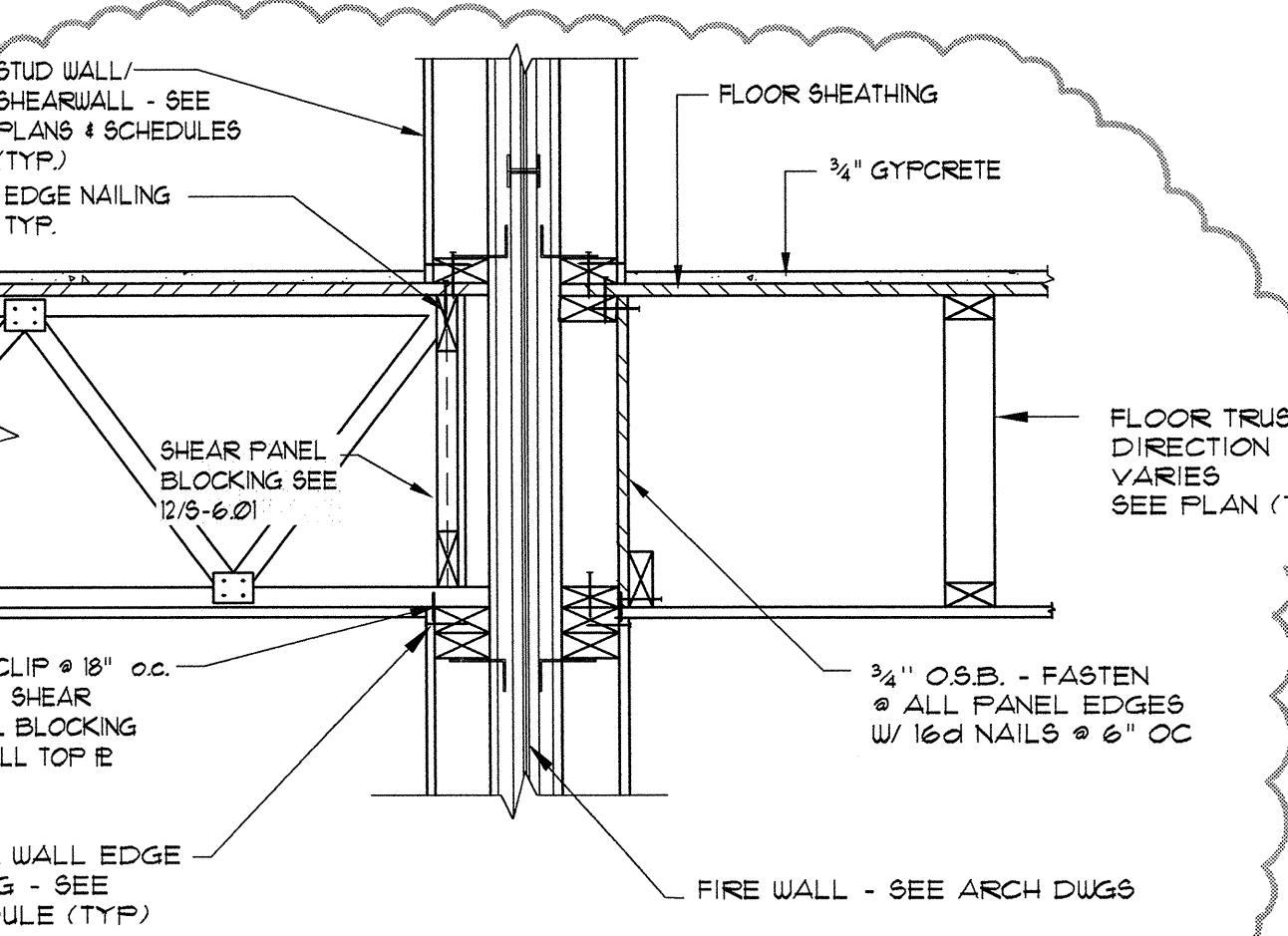
12 TYPICAL SHEAR PANEL BLOCKING ABOVE INTERIOR LOAD BEARING WALL
SCALE: NTS



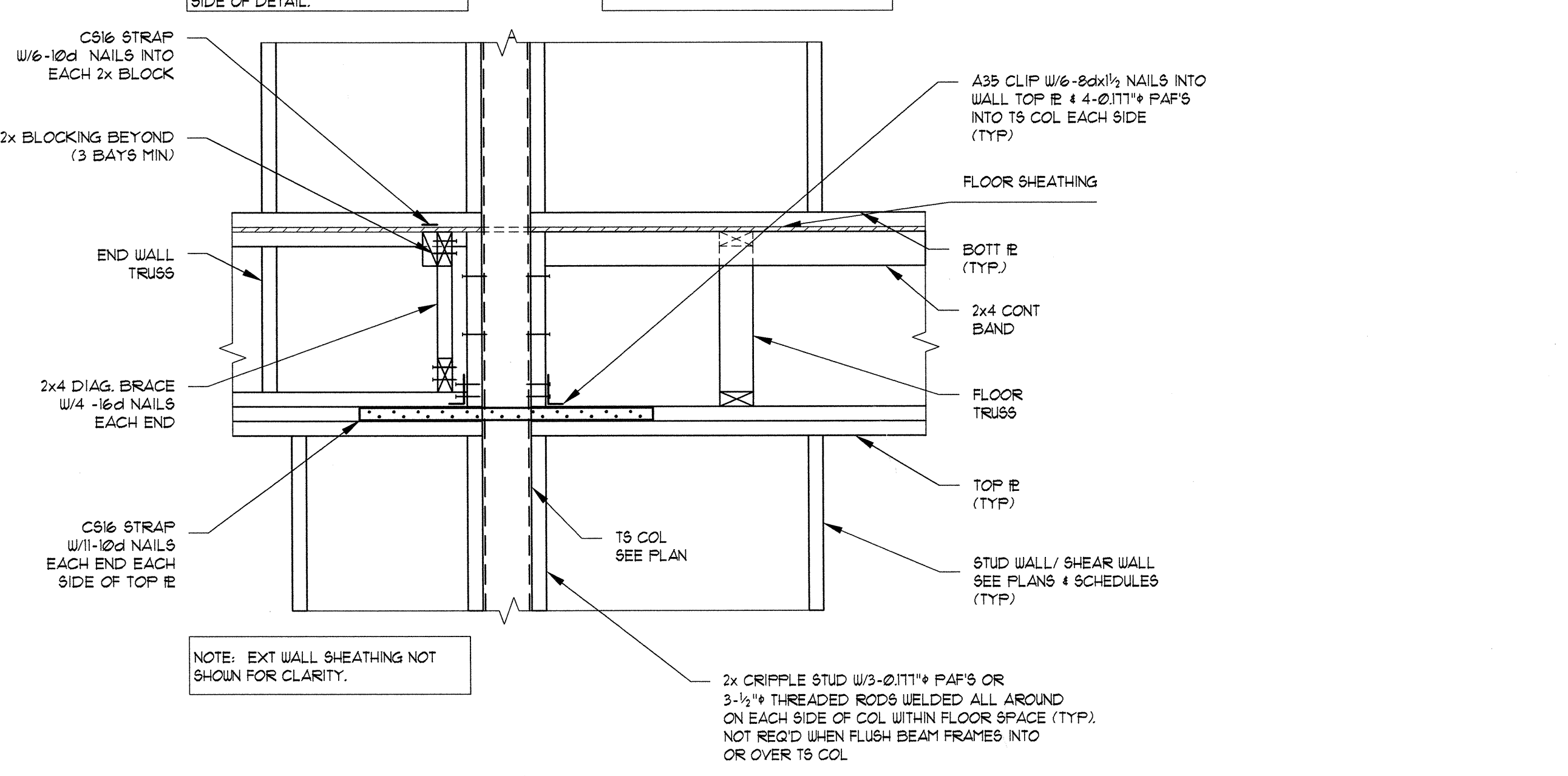
13 BEAM COLUMN CONNECTION
SCALE: NTS



14 STEEL BEAM TO COLUMN CONNECTION
SCALE: NTS



15 FLOOR FRAMING @ FIRE WALL
SCALE: NTS

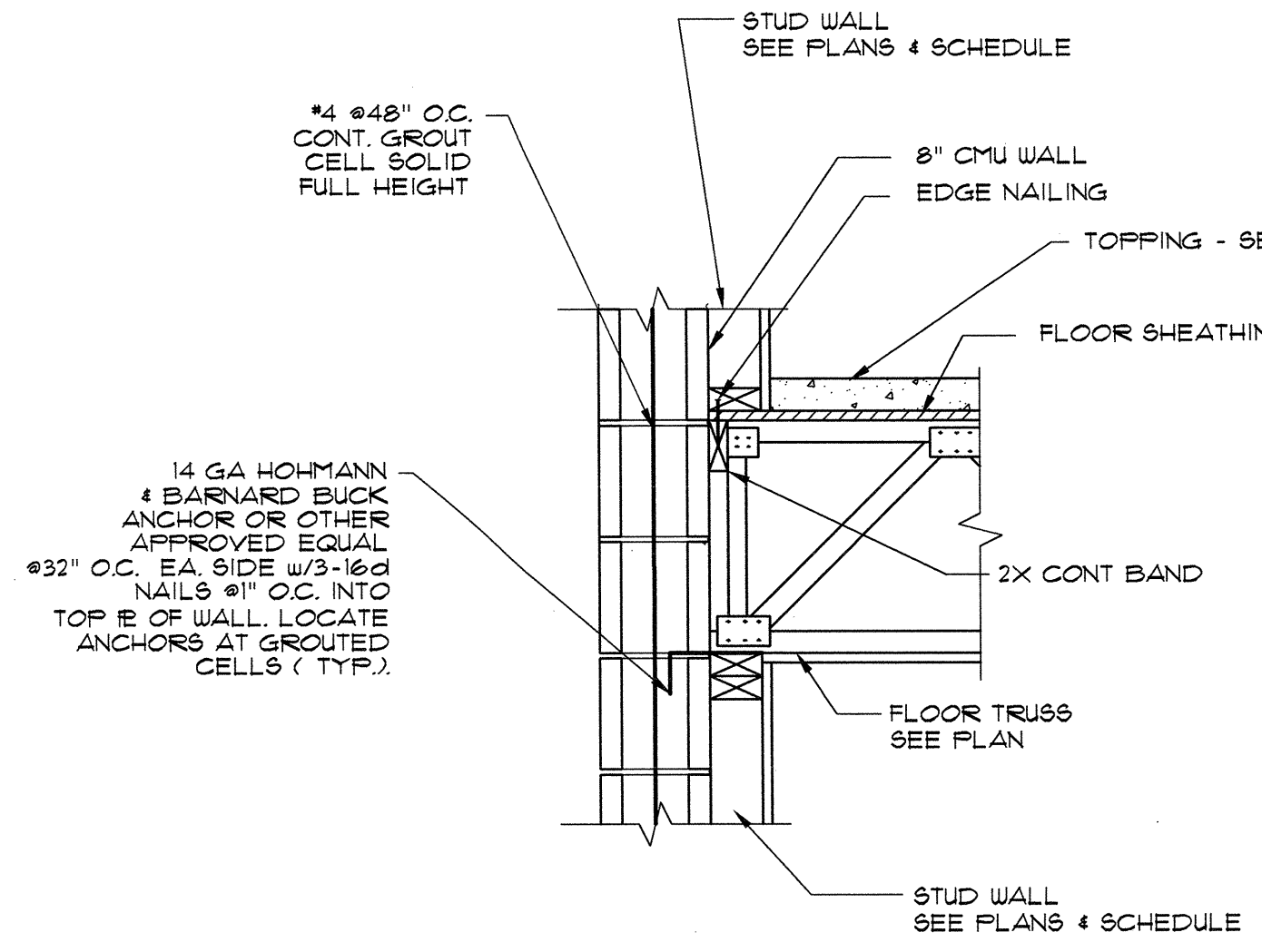


16 STEEL COLUMN BRACING DETAIL
SCALE: NTS

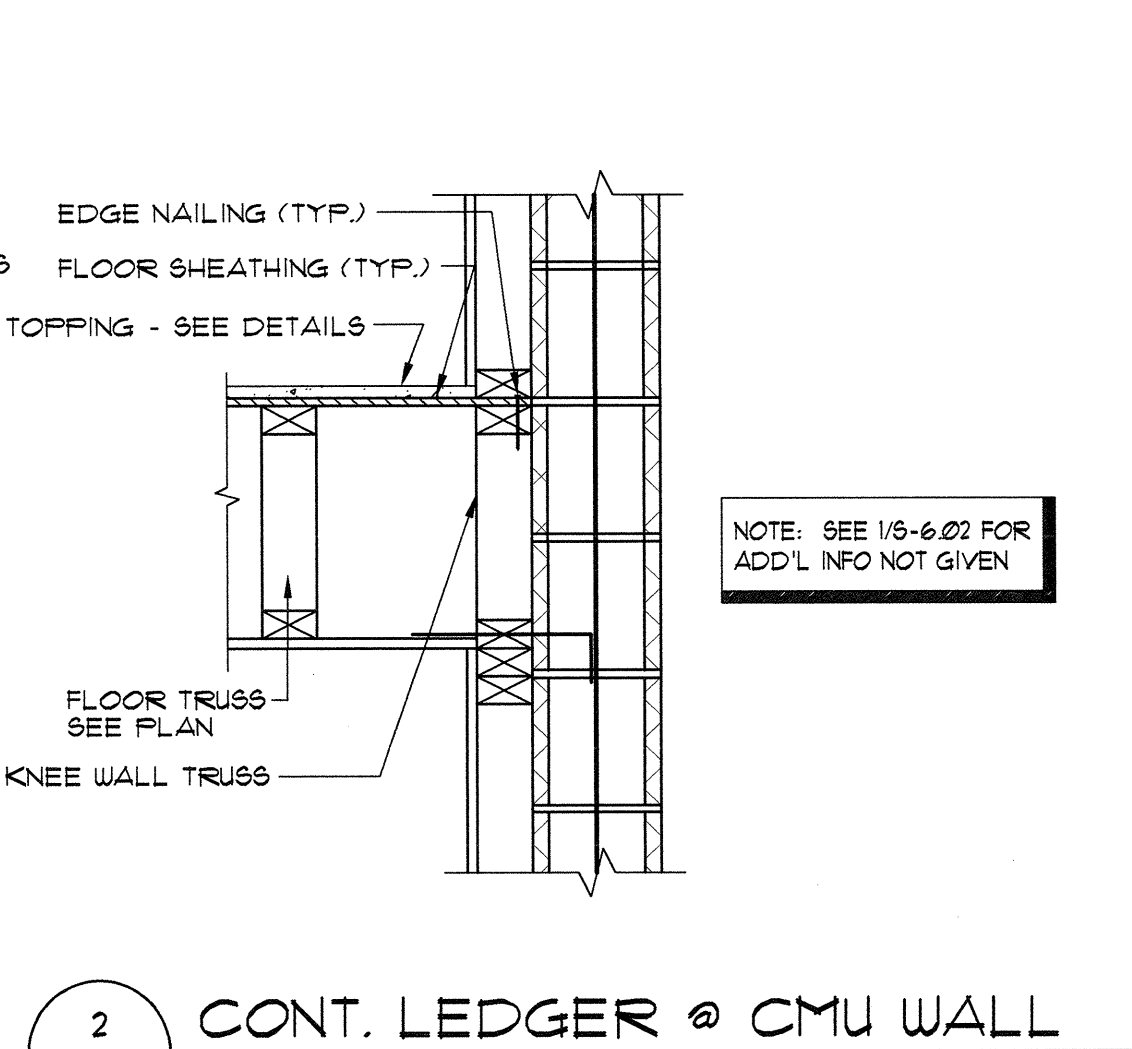
NOTE:
1. DO NOT SPLICE TOP PLATES WITHIN 6'-0\"/>

LENGTH OF WALL (BETWEEN CORNERS)	SPLICE LENGTH (MINIMUM)	NAILS ALONG SPLICE LENGTH
OVER 30'	4'-0"	18-16d
OVER 20'	2'-8"	10-16d
OVER 10'	1'-4"	6-16d
LESS THAN 10'	1'-4"	4-16d

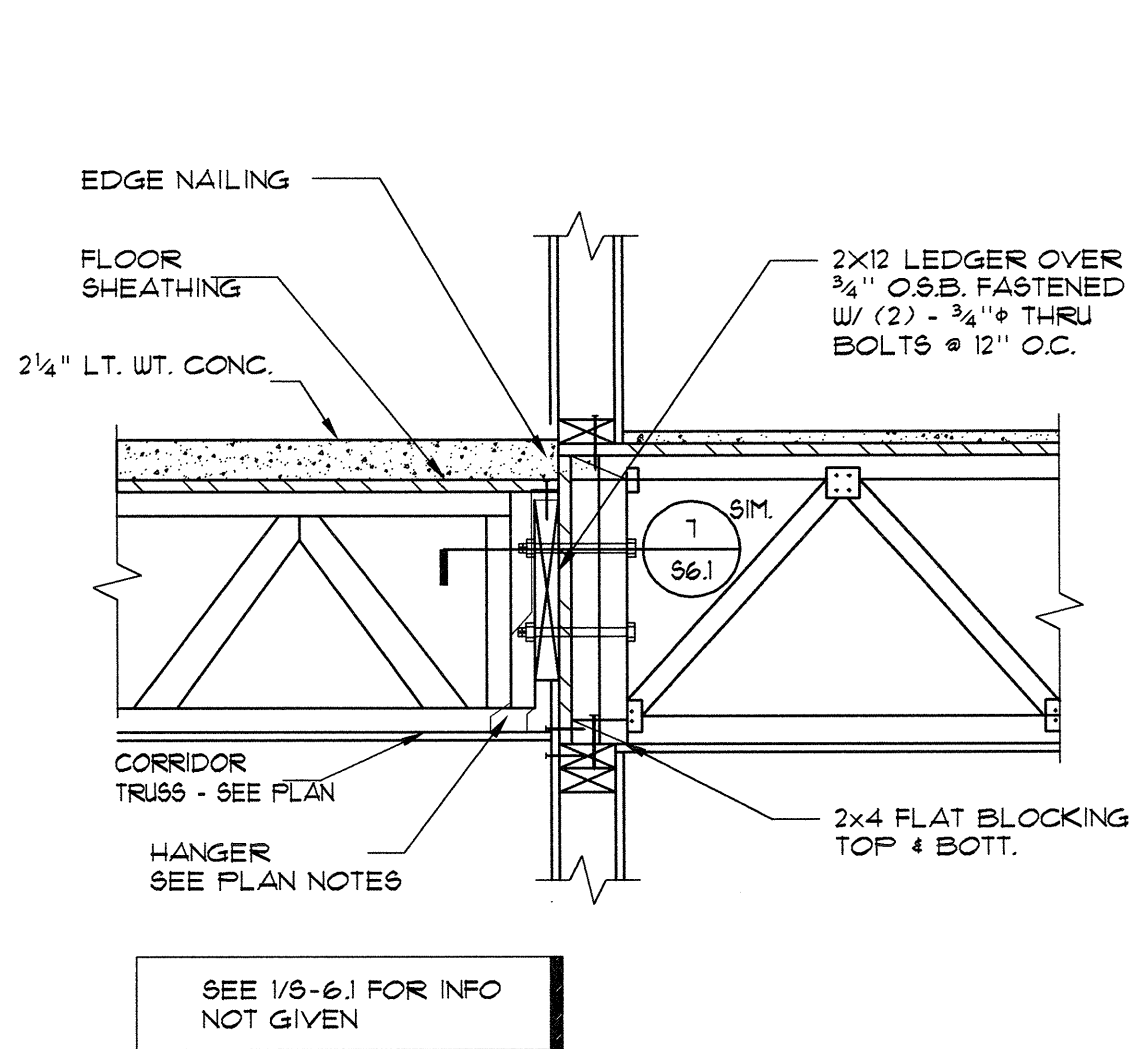
- NOTES:**
1. SHEAR PANEL BLOCKING SHALL BE SHEATHED WITH STRUCTURAL PANEL IN ACCORDANCE WITH GENERAL NOTES OR SHALL BE PREFAB TRUSS BLOCKS. INSTALL AND FASTEN AS SHOWN IN FRAMING DETAILS.
 2. TOP CHORD OF PLYWOOD SHEAR PANEL MUST BE VERTICAL \square WHEN INSTALLED UNDER LOAD BEARING WALLS. OTHERWISE TOP CHORD MAY BE VERTICAL \square OR HORIZONTAL \square .
 3. TRUSS MANUFACTURER TO DESIGN PREFAB TRUSS SHEAR PANEL BLOCKING FOR LATERAL FORCE AS NOTED.



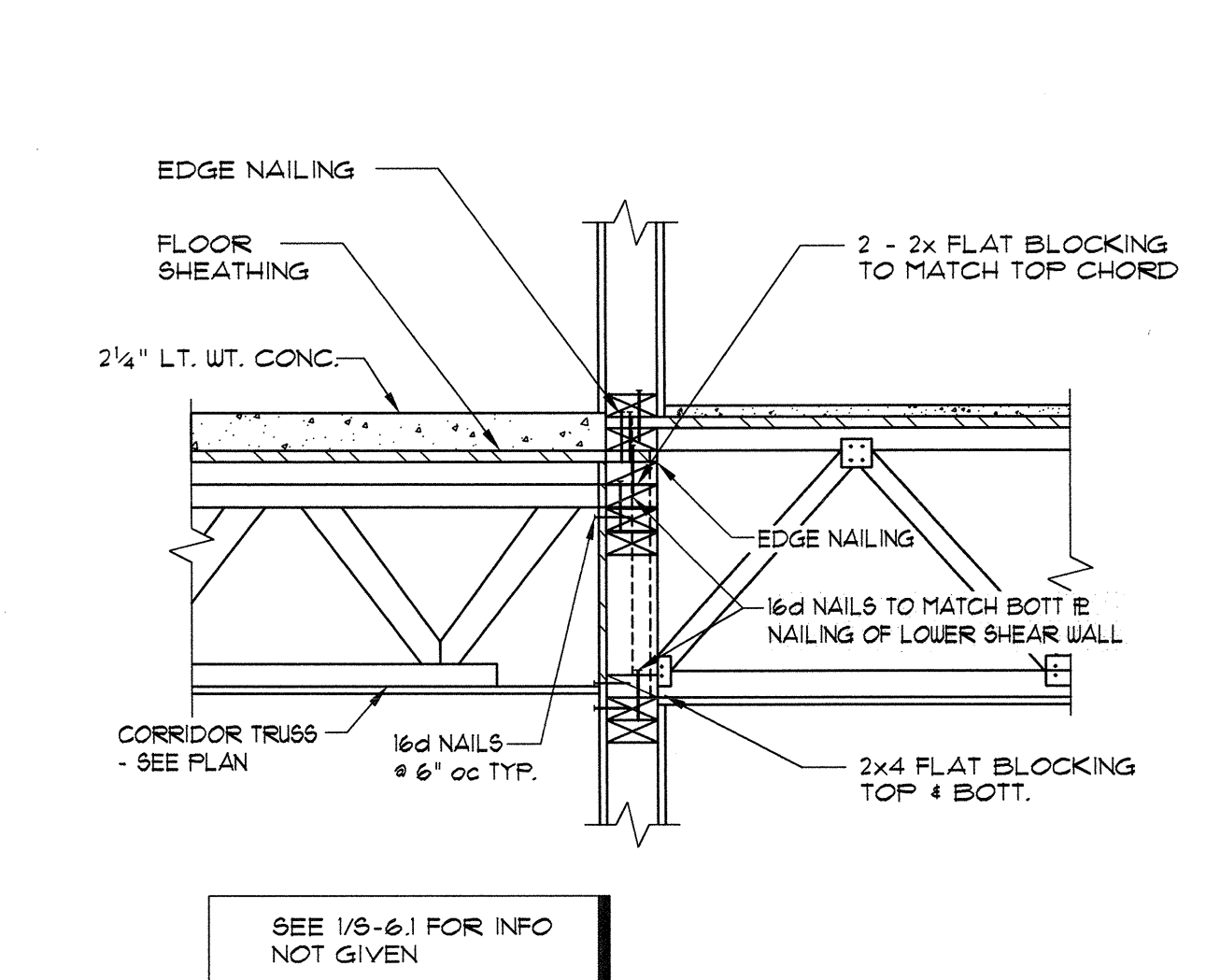
1 FLOOR FRAMING @ CMU WALL
SCALE: NTS



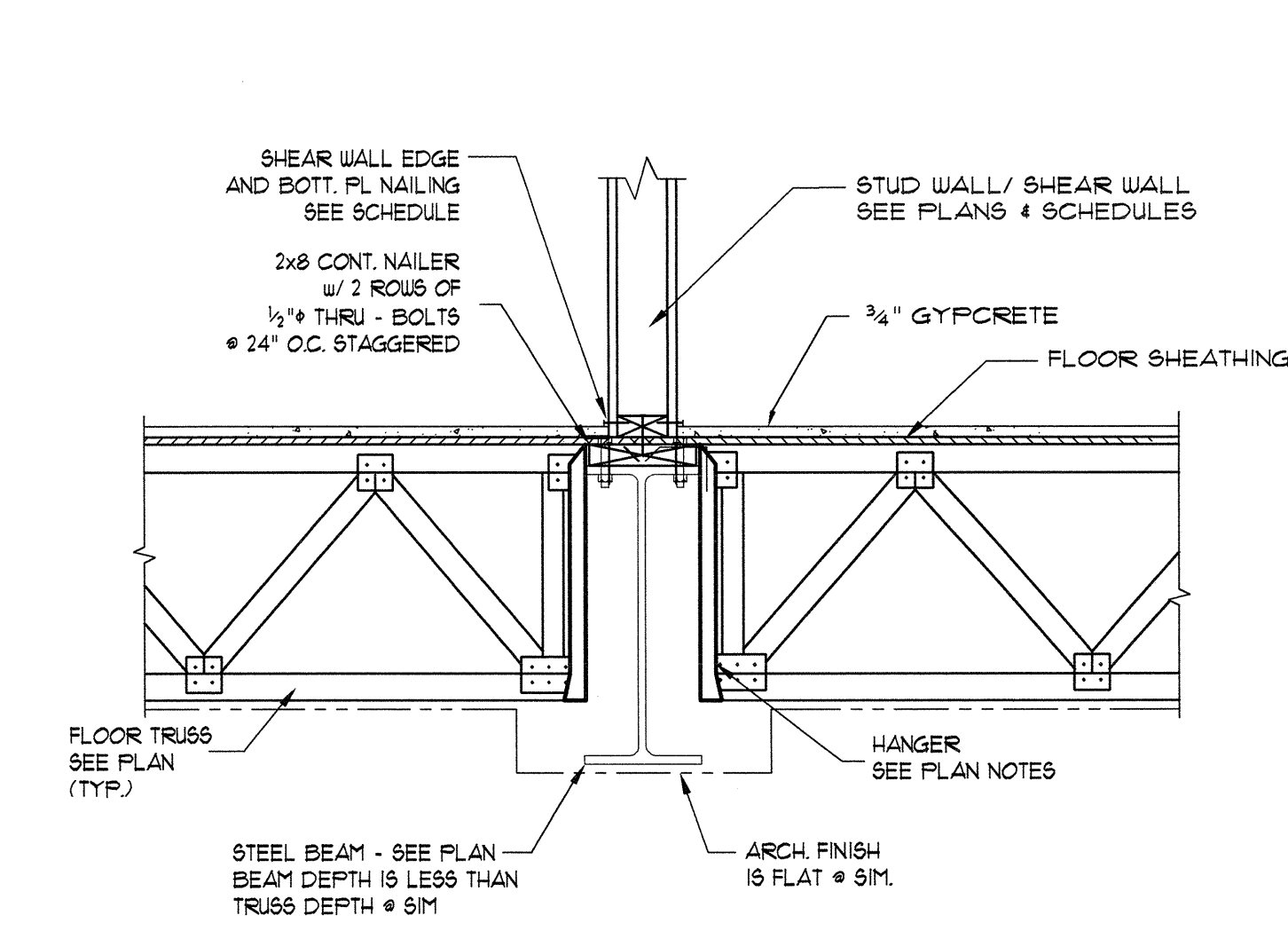
2 CONT. LEDGER @ CMU WALL
SCALE: NTS



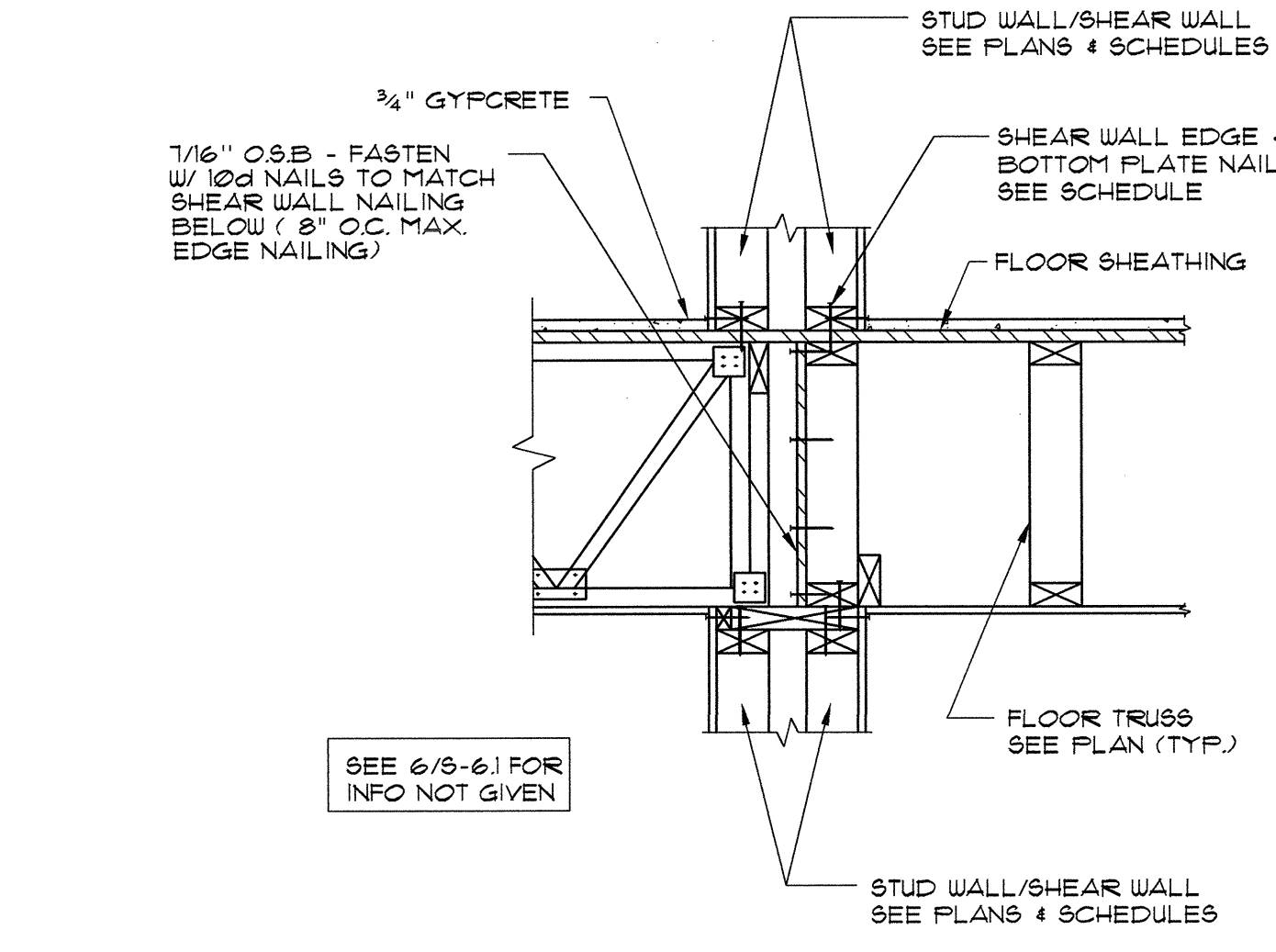
3 FLOOR FRAMING @ CORRIDOR
SCALE: NTS



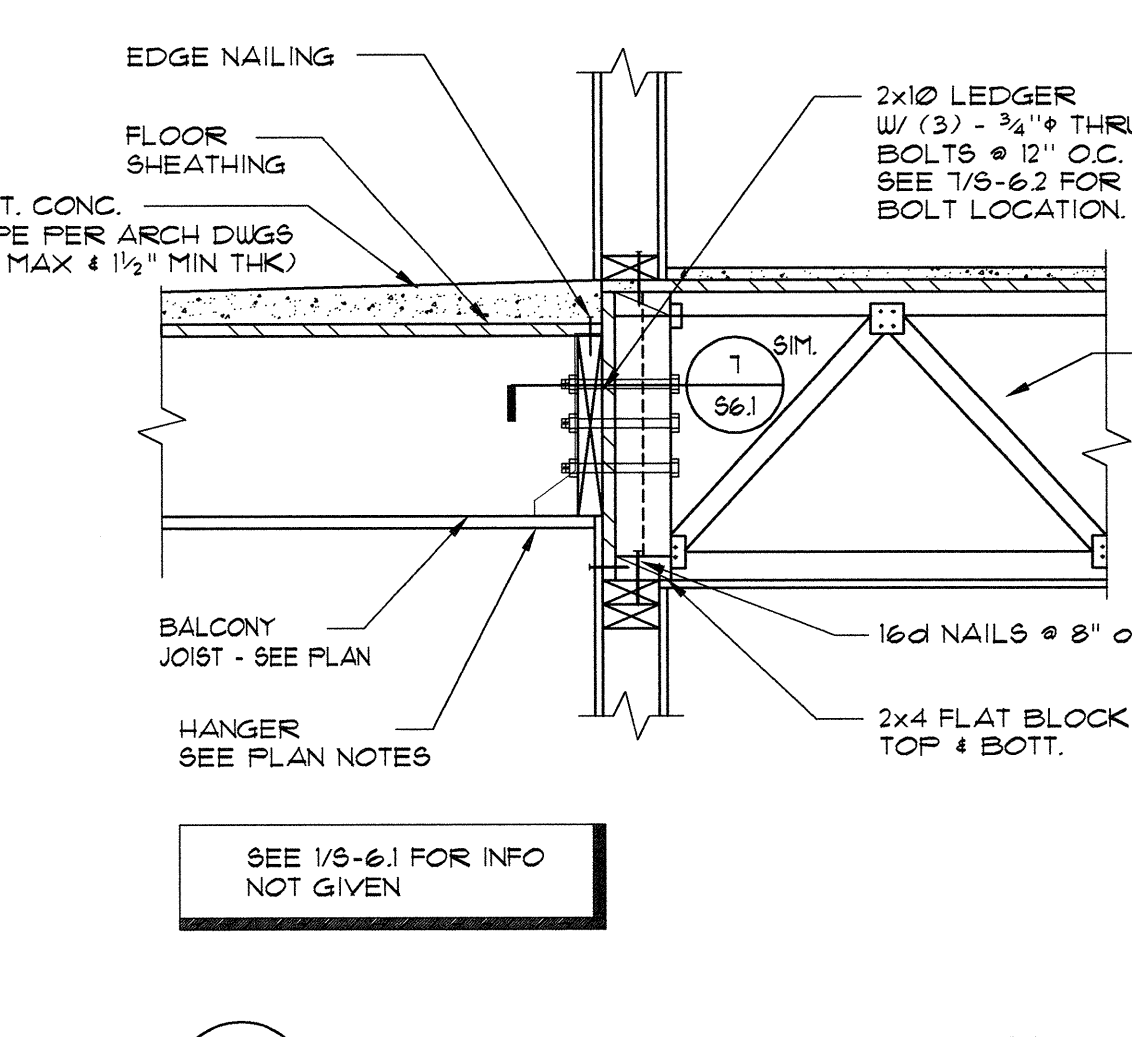
3 FLOOR FRAMING @ CORRIDOR
SCALE: NTS



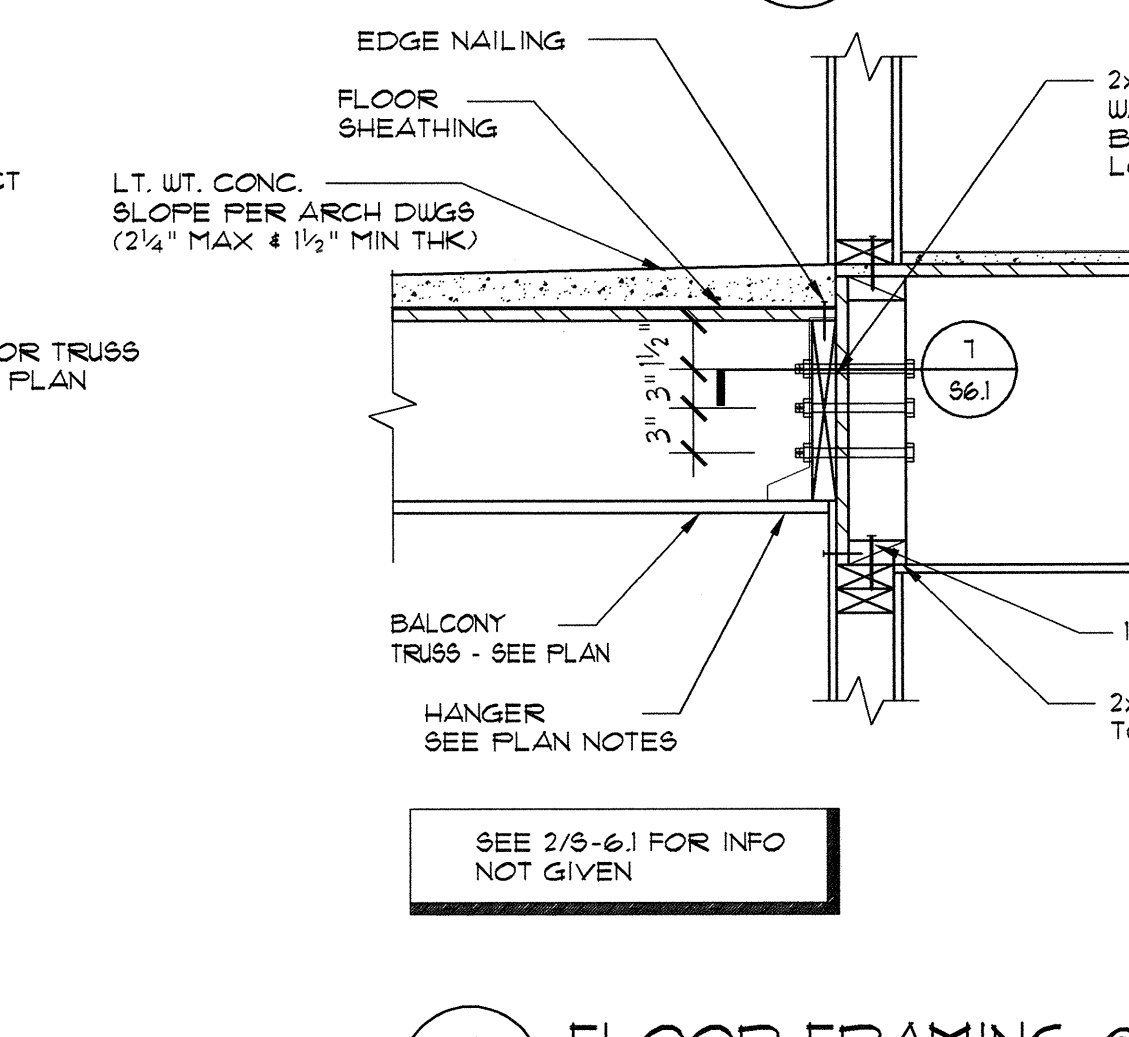
4 STEEL BEAM DETAIL
SCALE: NTS



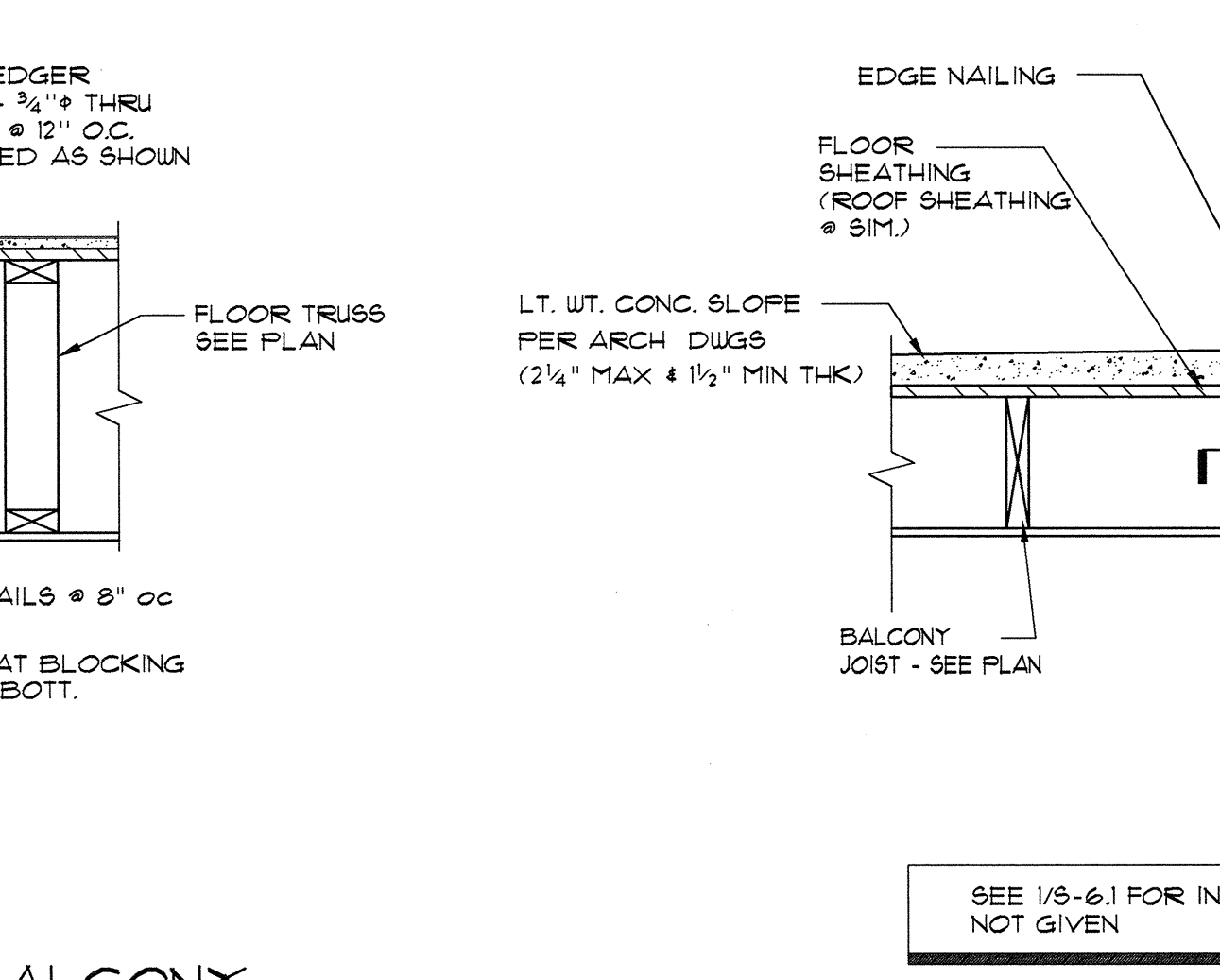
5 FLOOR FRAMING @ PARTY WALL
SCALE: NTS



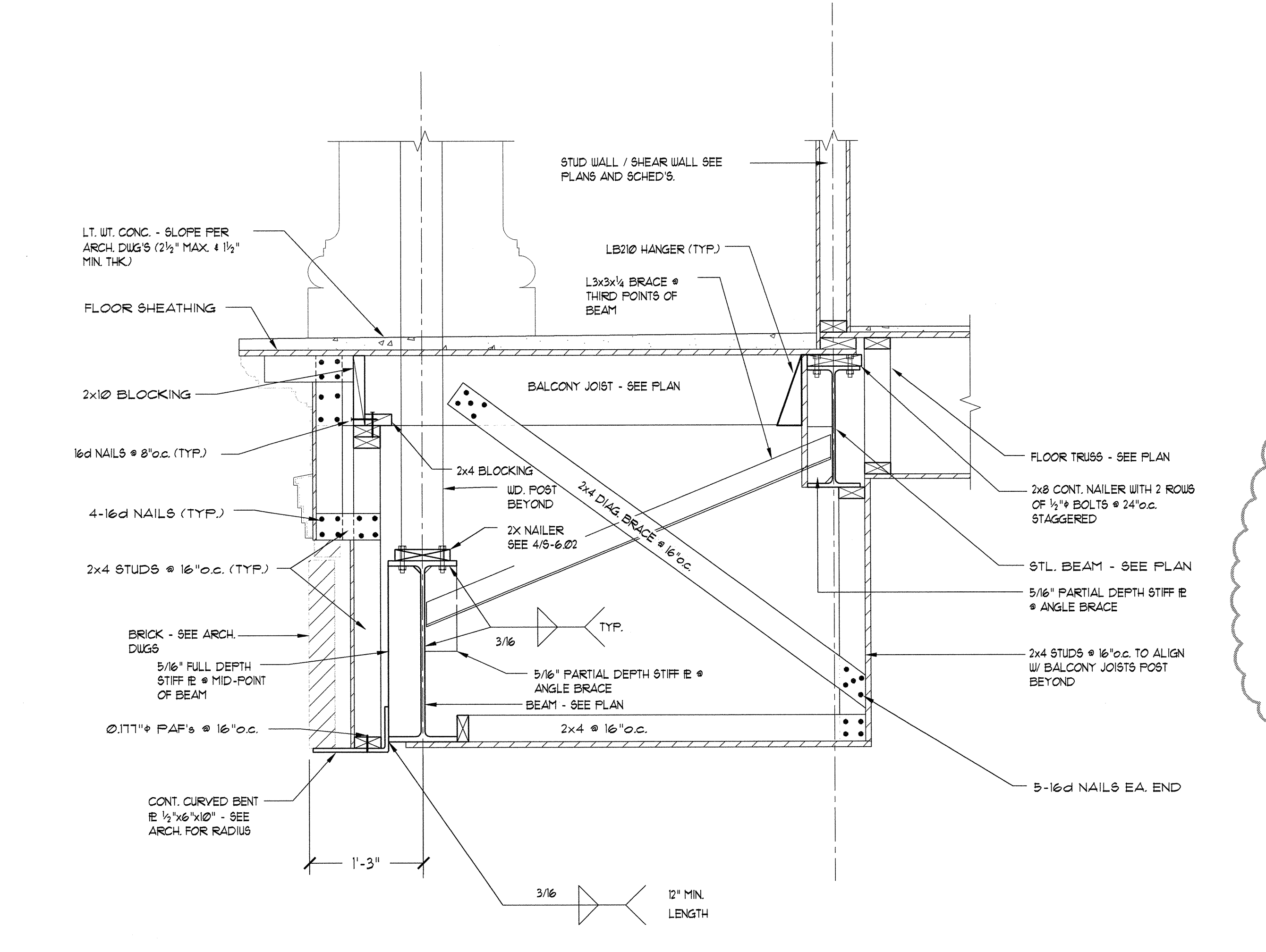
6 FLOOR FRAMING @ BALCONY
SCALE: NTS



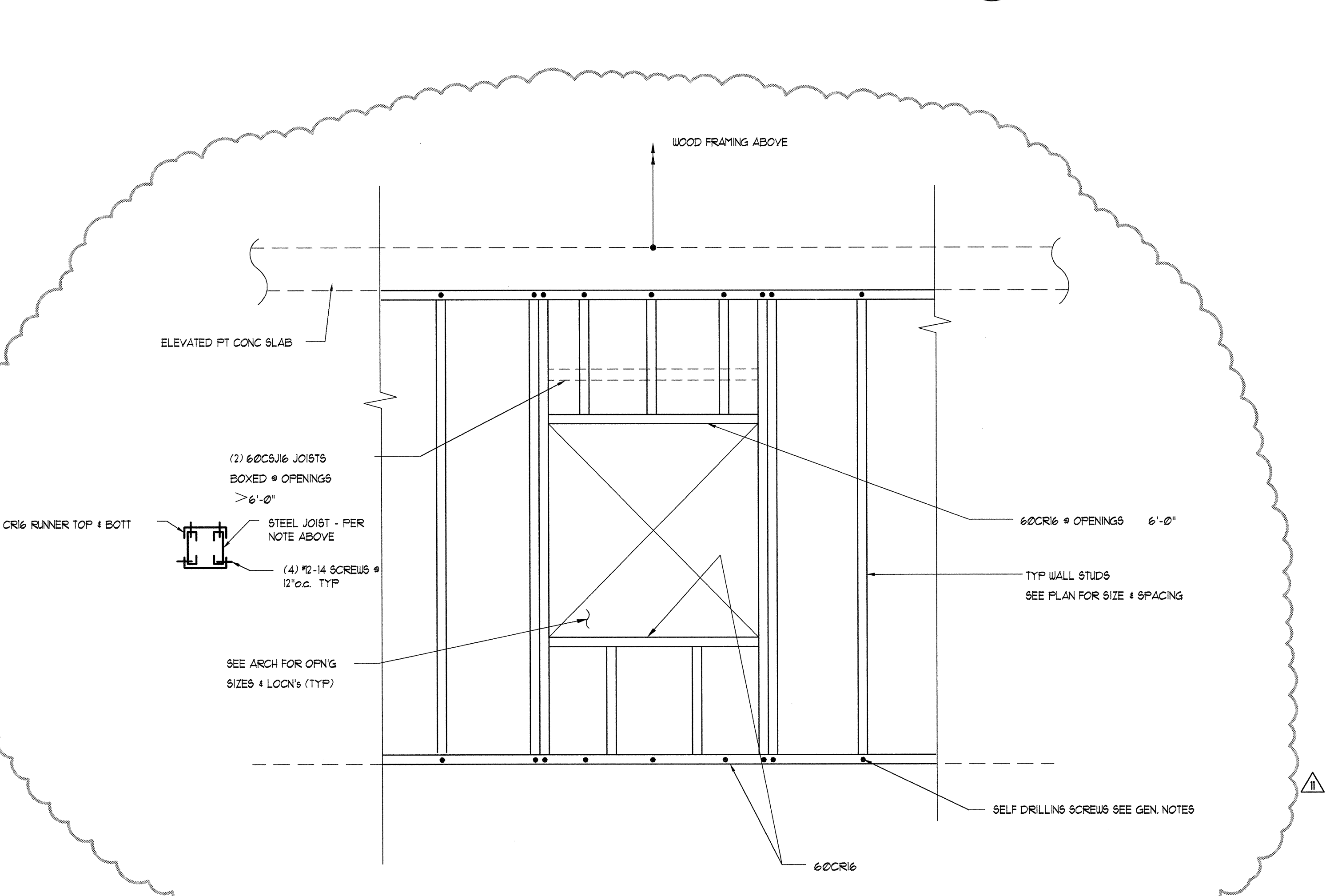
7 FLOOR FRAMING @ BALCONY
SCALE: NTS



8 FLOOR FRAMING @ BALCONY
SCALE: NTS



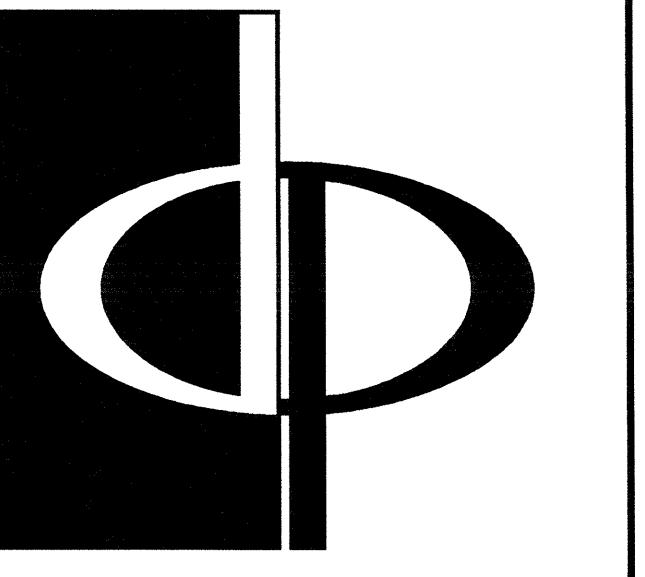
9 SECTION @ BALCONY ABOVE DRIVE - THRU
SCALE: NTS



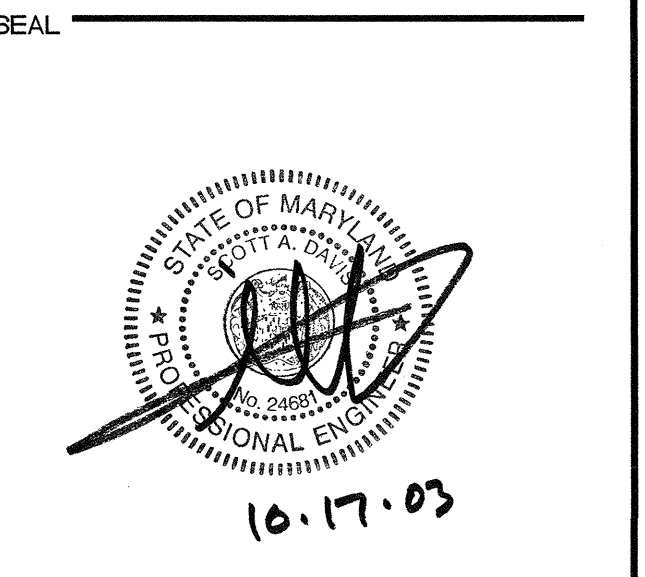
10 TYP LGS STUD WALL ELEVATION
SCALE: NTS

REVISION #11 SUMMARY

A	ADDED SECTION
---	---------------



THE PRESTON PARTNERSHIP, LLC
A MULTI-DISCIPLINARY DESIGN FIRM
1000 ABERNATHY ROAD NE, SUITE 600
ATLANTA, GEORGIA 30328
TELEPHONE: 770 396 7248
FAX: 770 396 2945
WWW.THEPRESTONPARTNERSHIP.COM
CONSULTANT



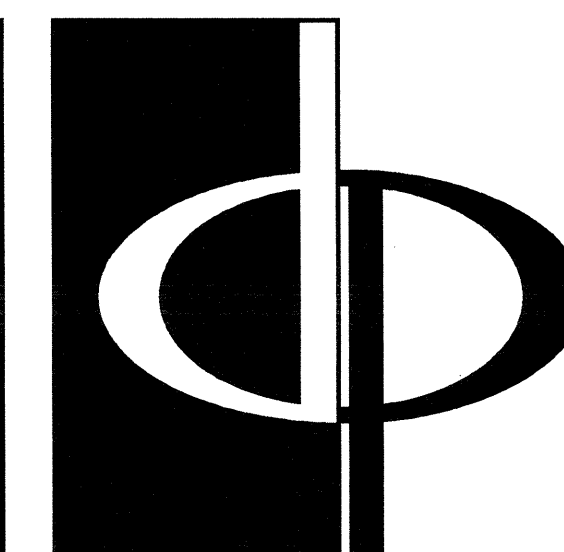
PROJECT
ARCHSTONE
KENTLANDS
949 QUINCE ORCHARD ROAD
GAITHERSBURG, MARYLAND

FOR
ARCHSTONE
COMMUNITIES
6631 OLD DOMINION DRIVE
MCLEAN, VIRGINIA 22101
703-883-3353

REVISIONS

RELEASED FOR CONSTRUCTION	07/18/03
CLUB HOUSE DESIGN	09/05/03

DATE: 01/31/03
JOB NUMBER: 0211026
DRAWN BY: BTM
CHECKED BY: KM
DRAWING TITLE: FRAMING SECTIONS & DETAILS
DRAWING NUMBER: S-6.02
COMMENTS:



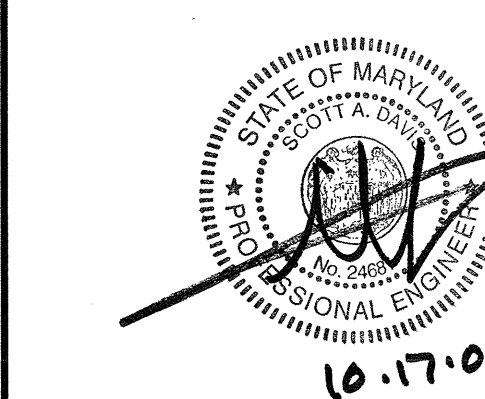
THE PRESTON PARTNERSHIP, LLC
A MULTI-DISCIPLINARY DESIGN FIRM

1000 ABERNATHY ROAD NE, SUITE 600
ATLANTA, GEORGIA 30328
TELEPHONE: 770 396 7248
FAX: 770 396 2945

WWW.THEPRESTONPARTNERSHIP.COM

CONSULTANT

SEAL



PROJECT

ARCHSTONE
KENTLANDS

845 QUINCE ORCHARD ROAD
GAITHERSBURG, MARYLAND

FOR

ARCHSTONE
COMMUNITIES
6631 OLD DOMINION DRIVE
MCLEAN, VIRGINIA 22101
703-883-3353

REVISIONS

RELEASED FOR CONSTRUCTION 07/18/03

DATE 07/18/03

JOB NUMBER 021100

DRAWN BY BTM

CHECKED BY BTM

DRAWING TITLE TYPICAL CMU WALL DETAILS

DRAWING NUMBER 5-6.03

COMMENTS

DATE 07/18/03

JOB NUMBER 021100

DRAWN BY BTM

CHECKED BY BTM

DRAWING TITLE TYPICAL CMU WALL DETAILS

DRAWING NUMBER 5-6.03

COMMENTS

DATE 07/18/03

JOB NUMBER 021100

DRAWN BY BTM

CHECKED BY BTM

DRAWING TITLE TYPICAL CMU WALL DETAILS

DRAWING NUMBER 5-6.03

COMMENTS

DATE 07/18/03

JOB NUMBER 021100

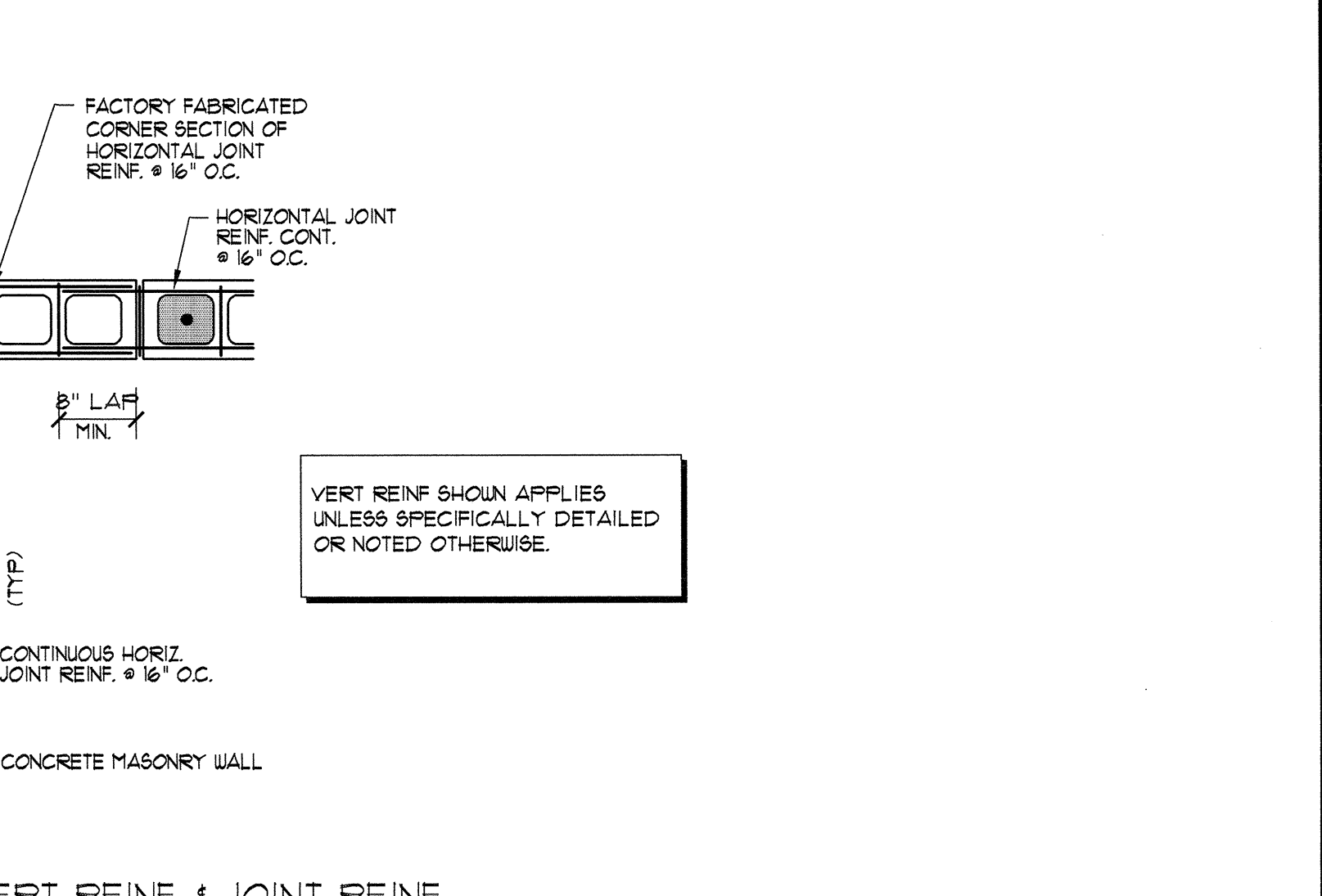
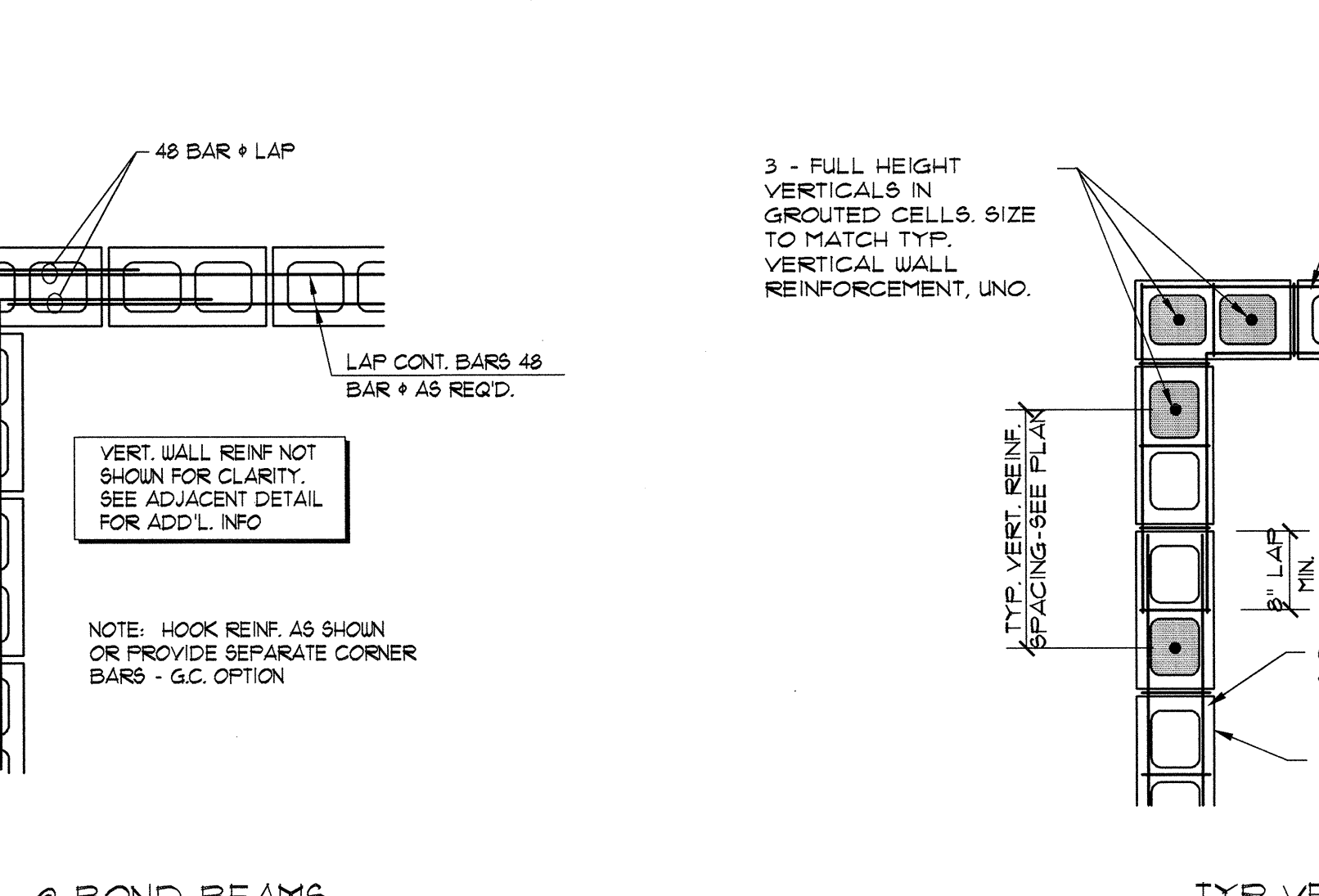
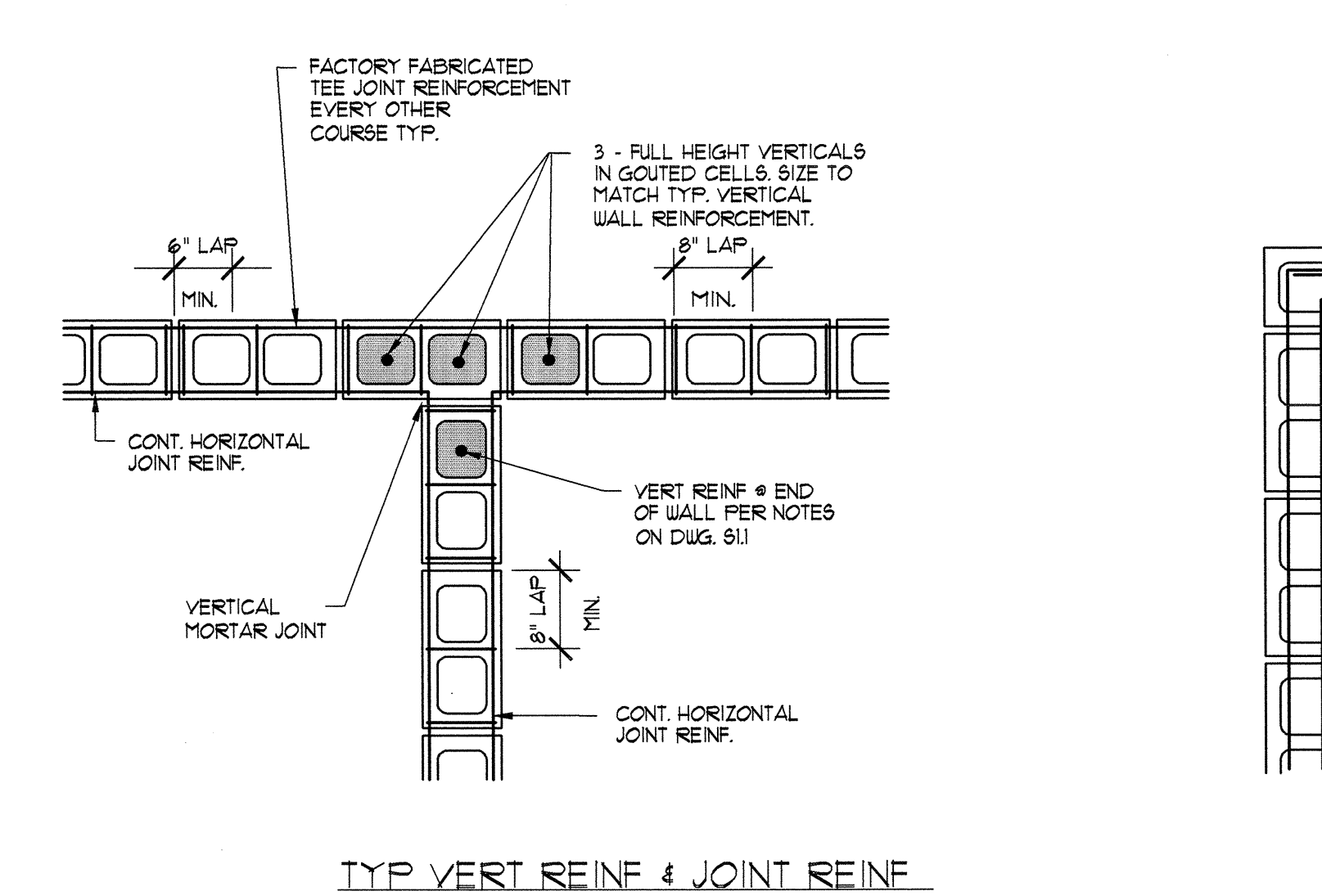
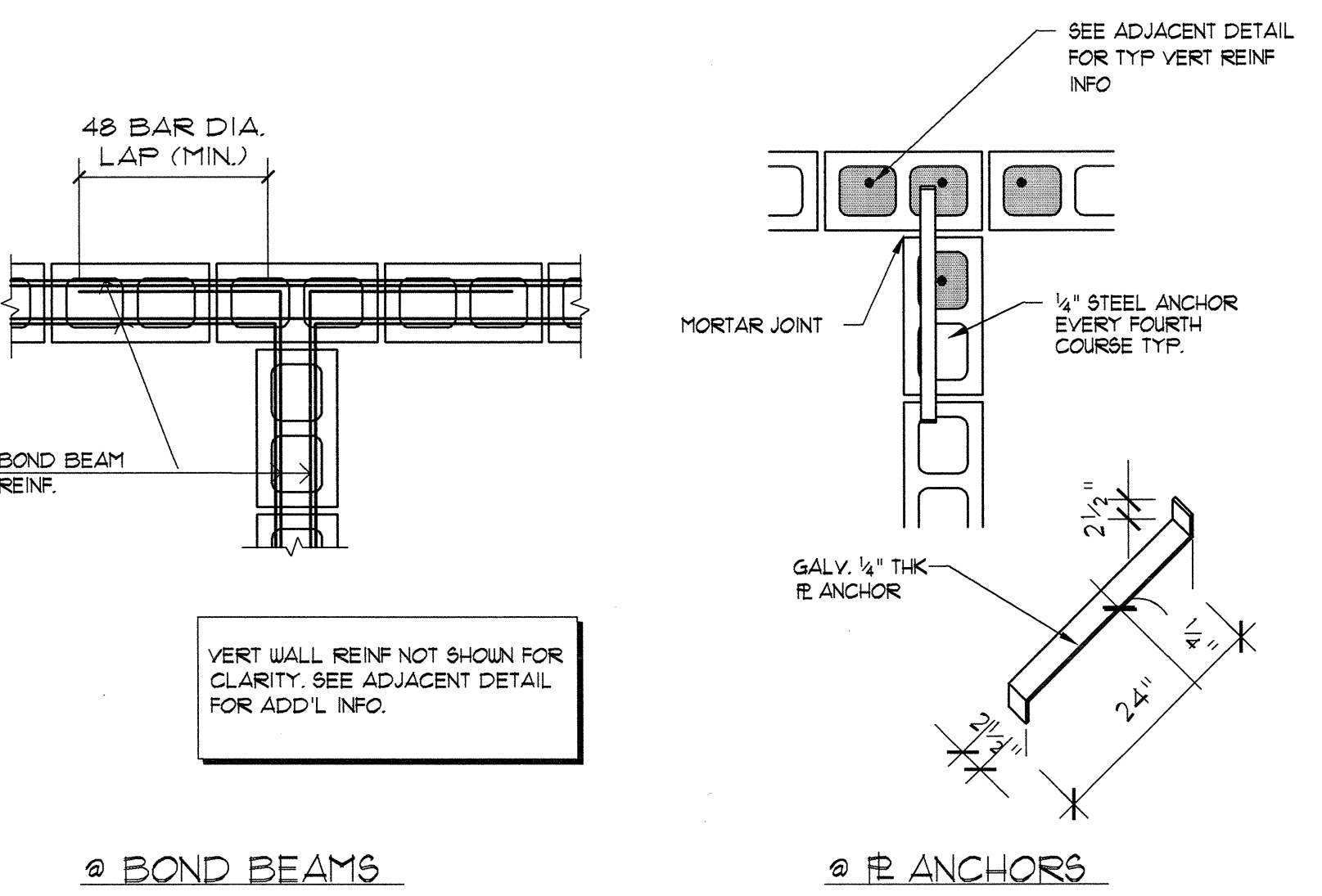
DRAWN BY BTM

CHECKED BY BTM

DRAWING TITLE TYPICAL CMU WALL DETAILS

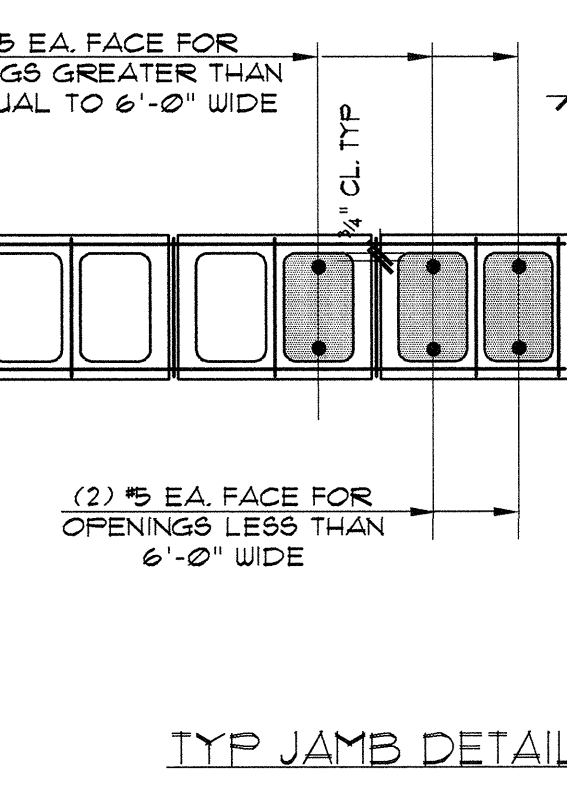
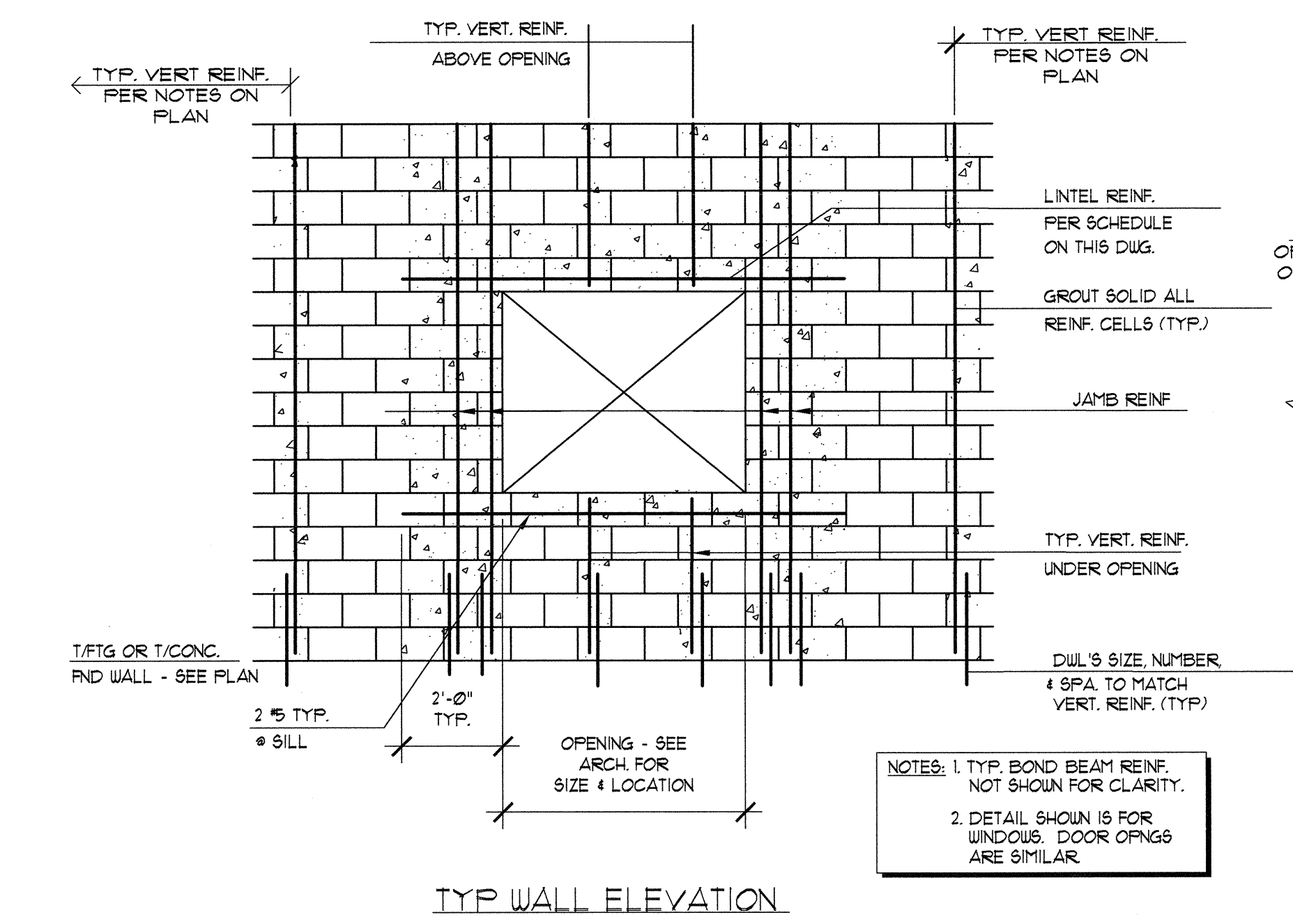
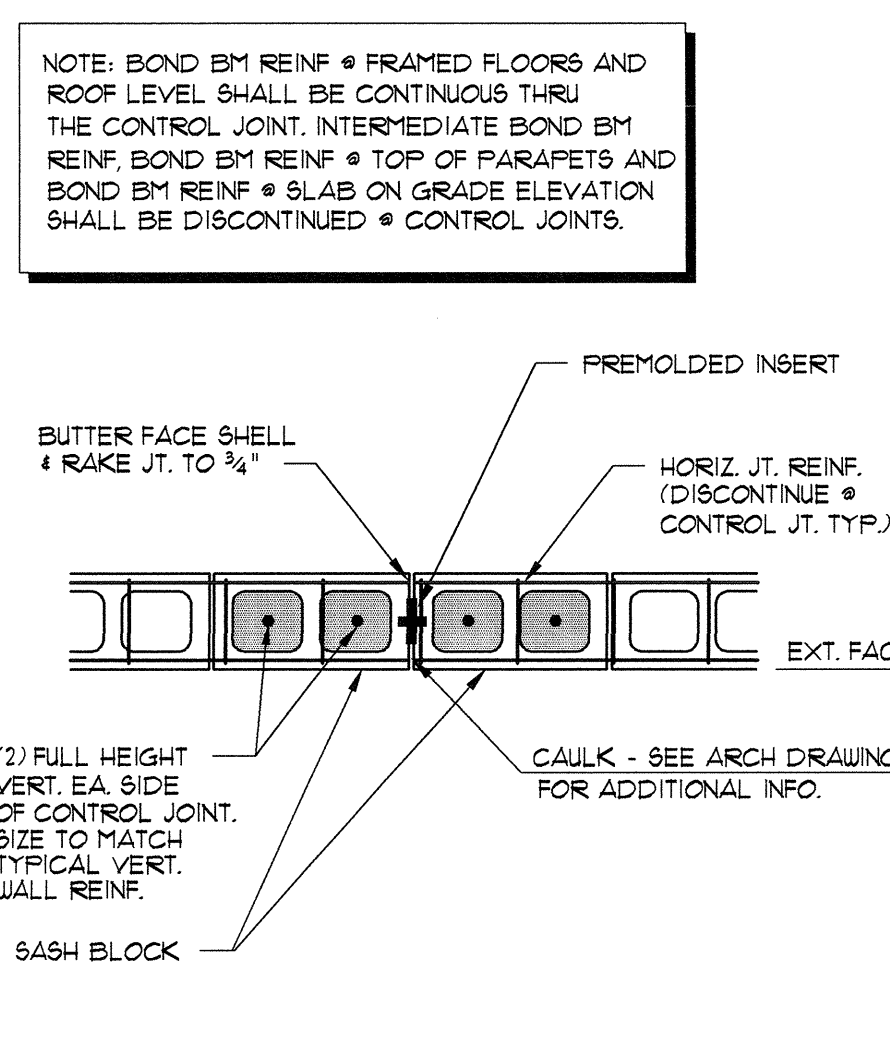
DRAWING NUMBER 5-6.03

COMMENTS



1 TYP CMU WALL INTERSECTION DETAILS
SCALE: NTS

2 TYPICAL CMU WALL CORNER DETAILS
SCALE: NTS



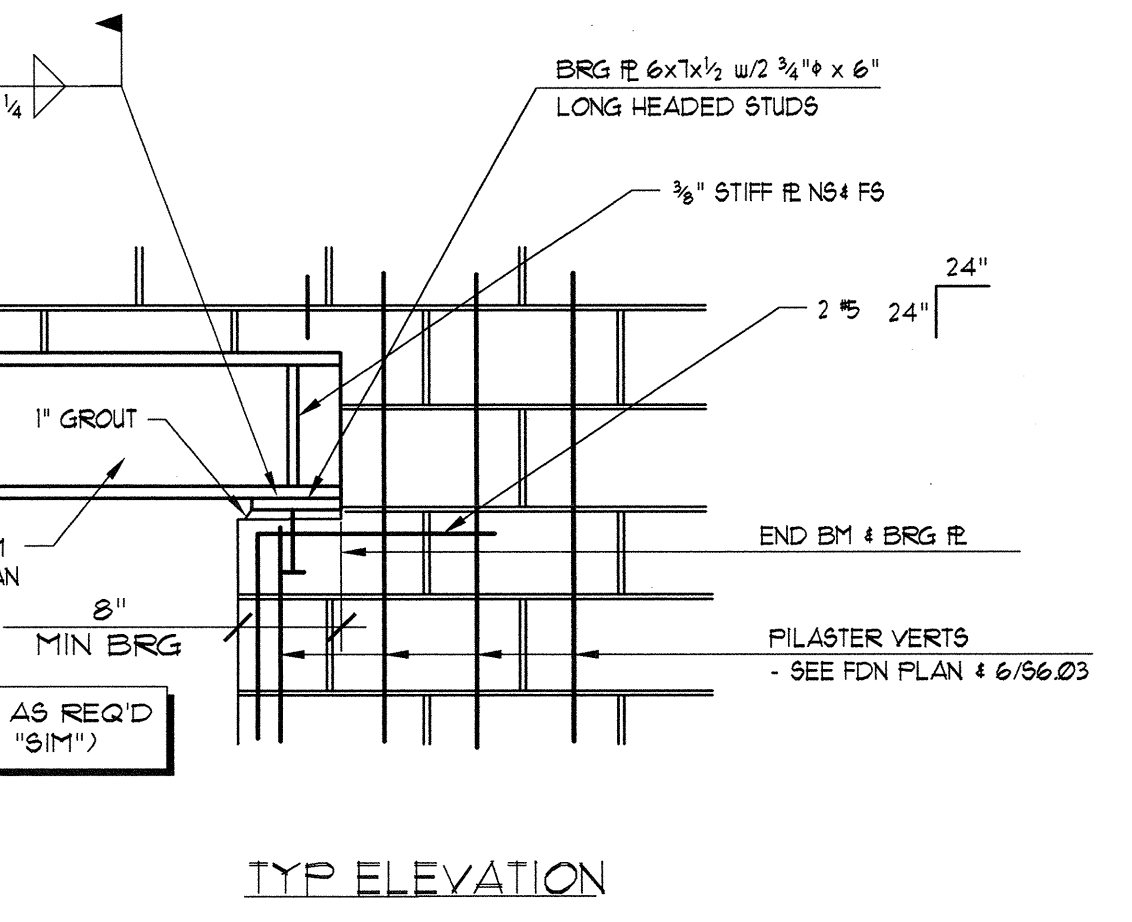
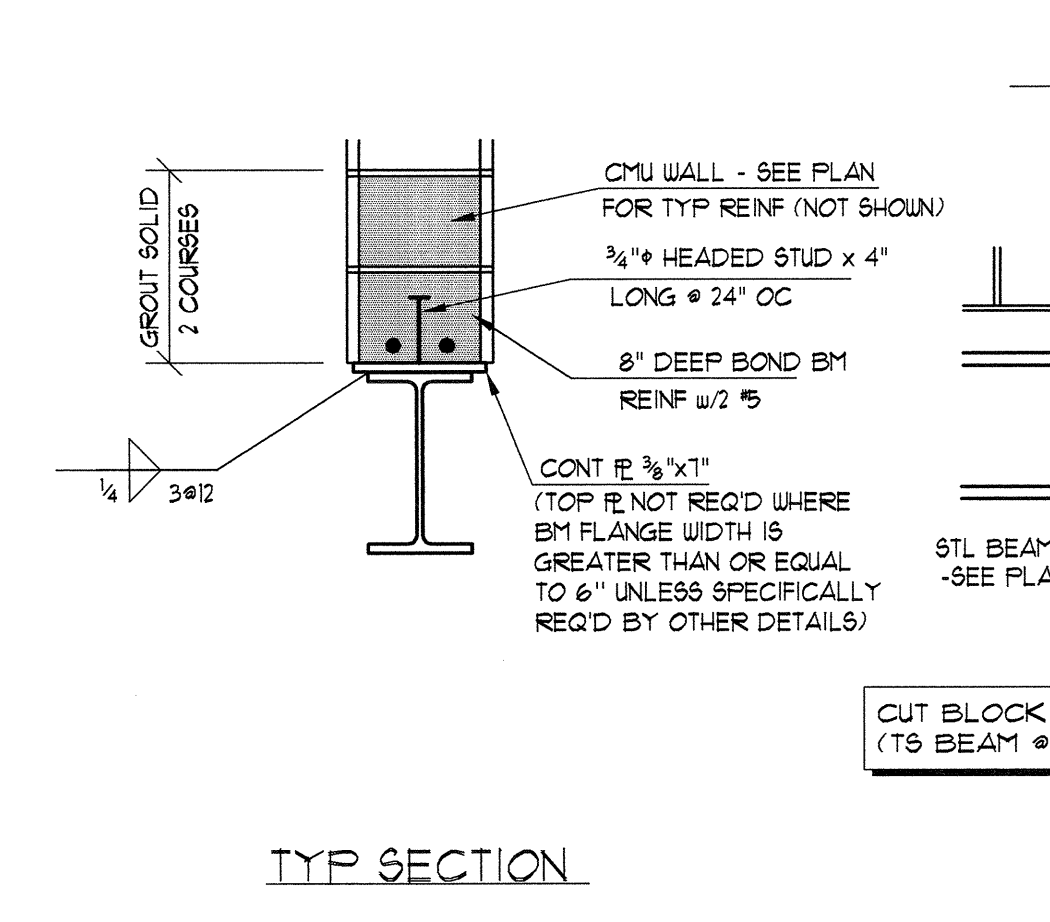
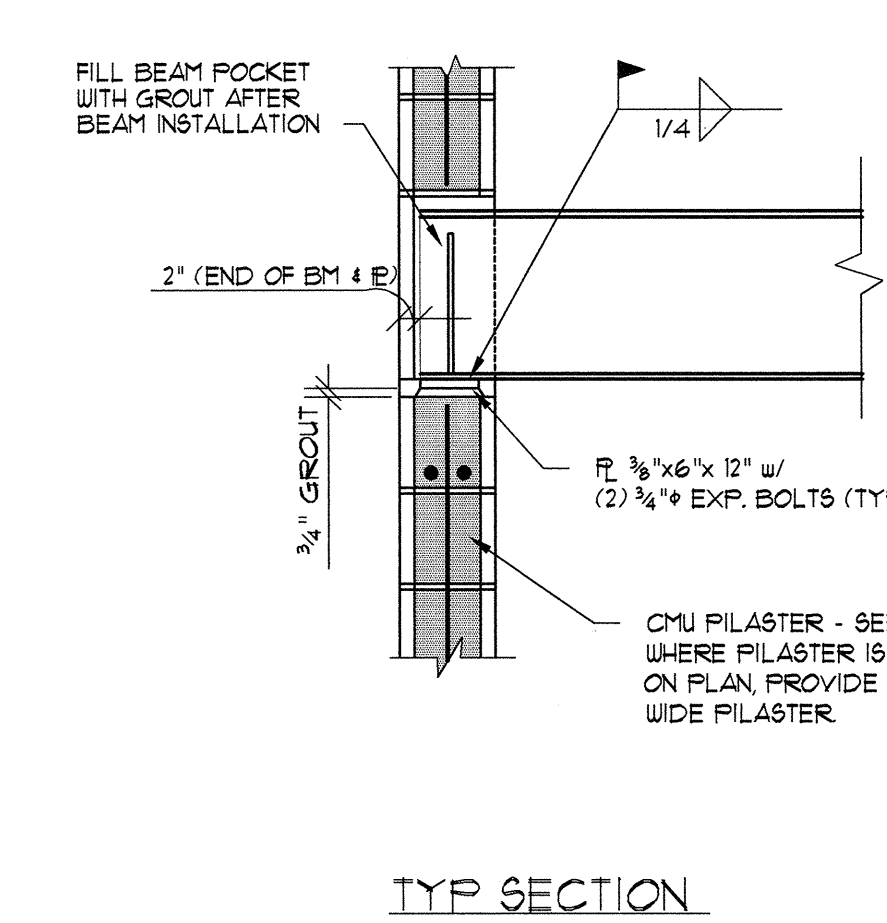
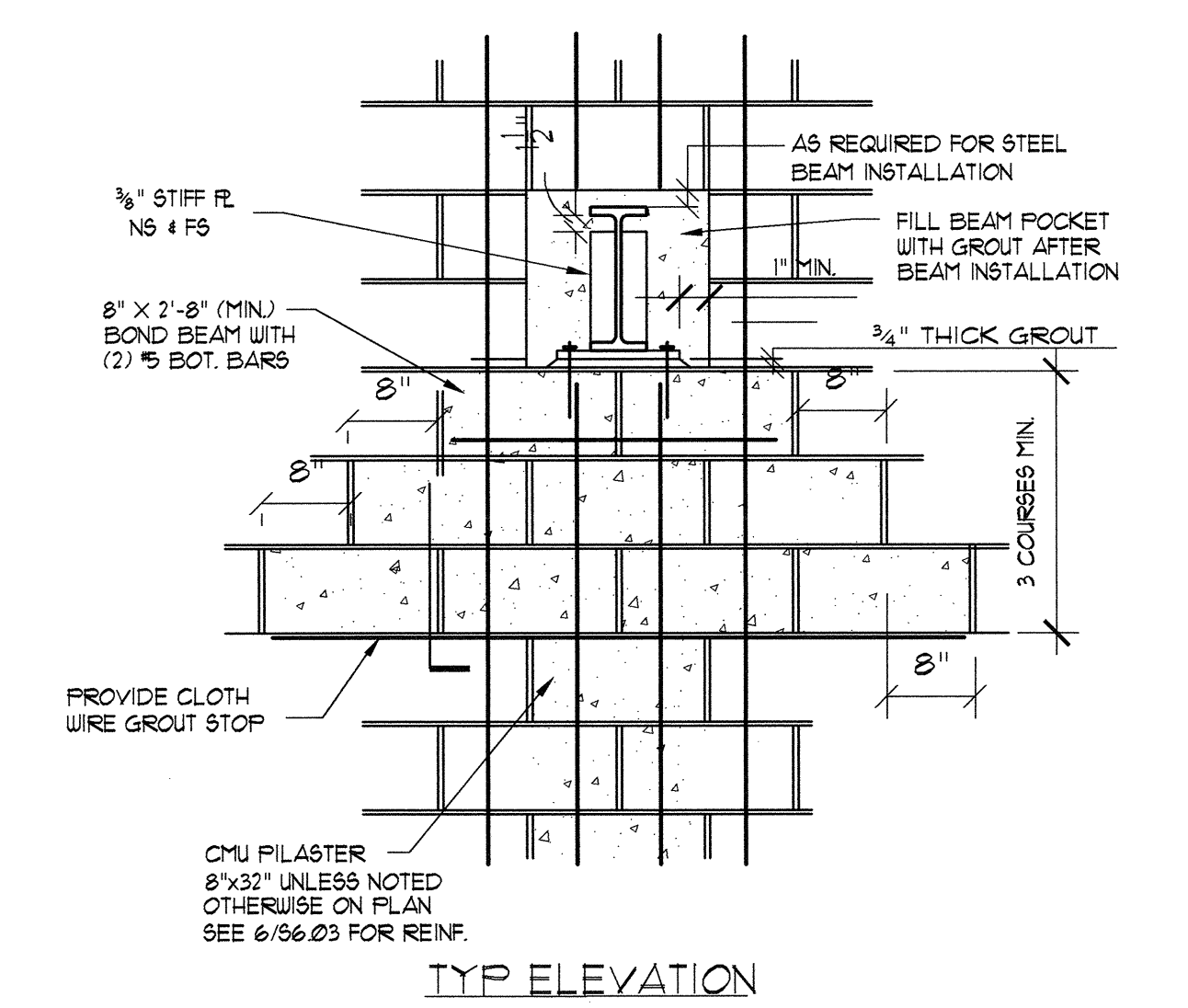
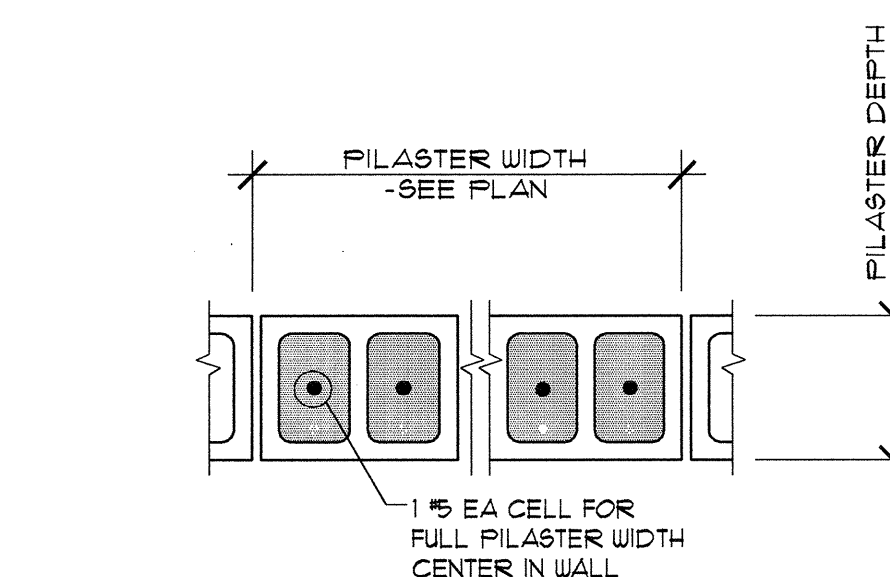
CLEAR SPAN	8" BLOCK	COMMENTS
UP TO 4'-0"	16"	TYPE I
4'-1" TO 8'-0"	24"	TYPE II

LINTEL SCHEDULE NOTES
1. SEE TYP. SCHEMATIC CMU WALL OPENING ELEVATION FOR ADDITIONAL INFO.

5 TYP. CMU WALL LINTEL SCHEDULE & SECTIONS
SCALE: NTS

3 TYP. CONTROL JOINT DETAIL IN CMU WALL
SCALE: NTS

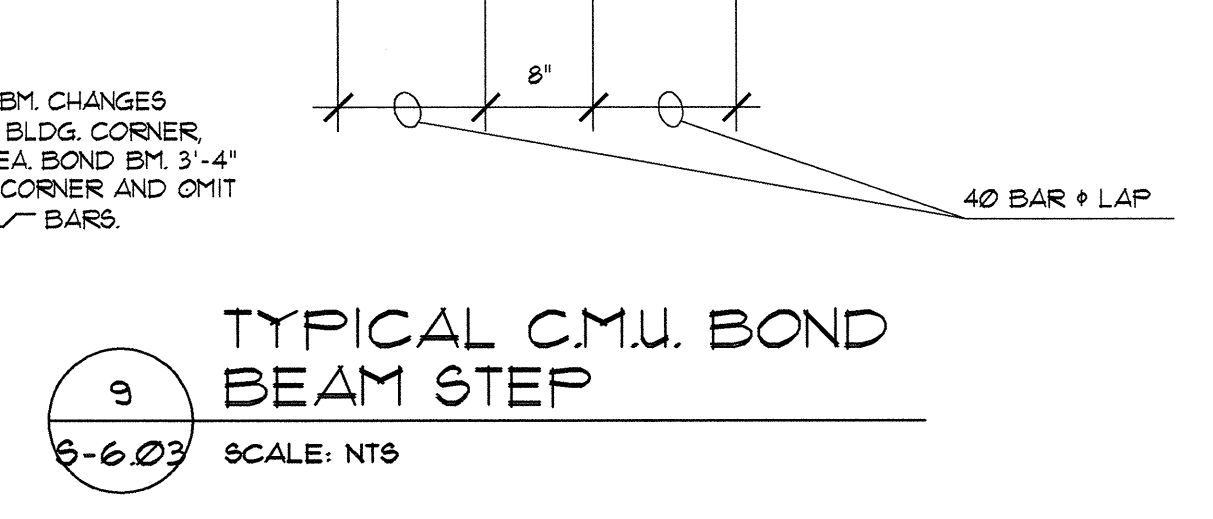
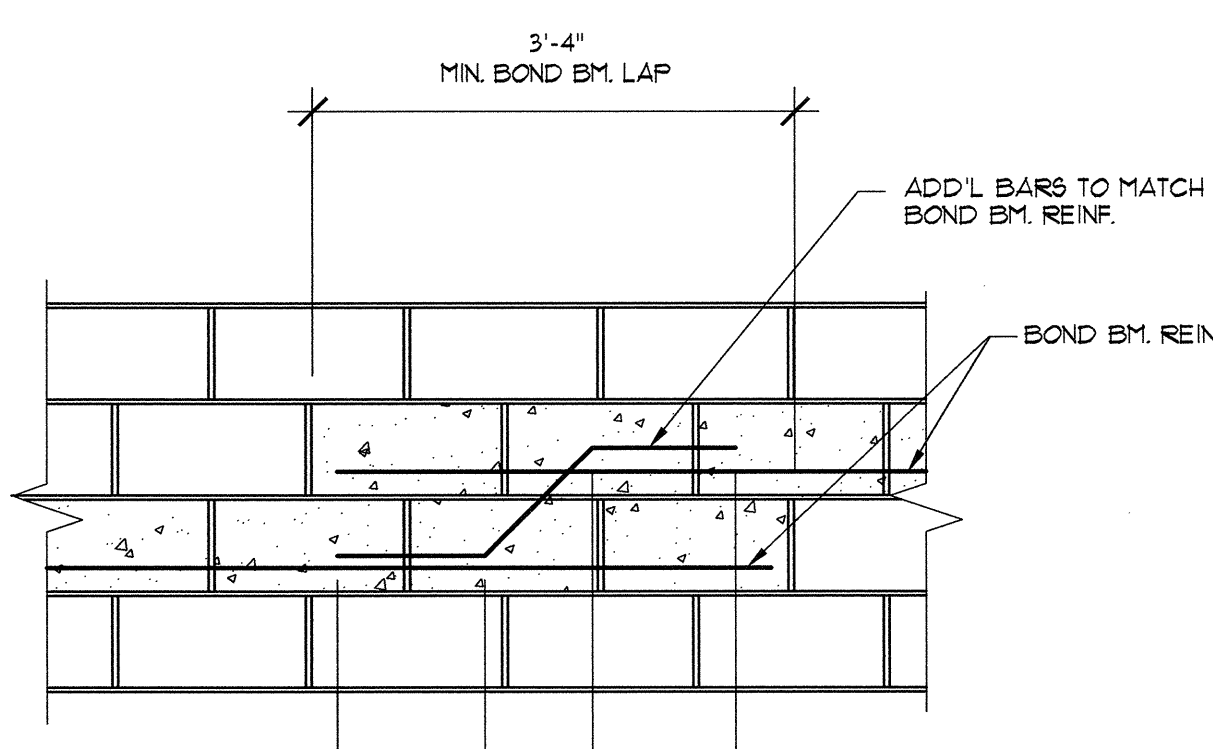
4 TYPICAL CMU WALL OPENING DETAILS
SCALE: NTS



6 TYPICAL CMU PILASTER DETAILS
SCALE: NTS

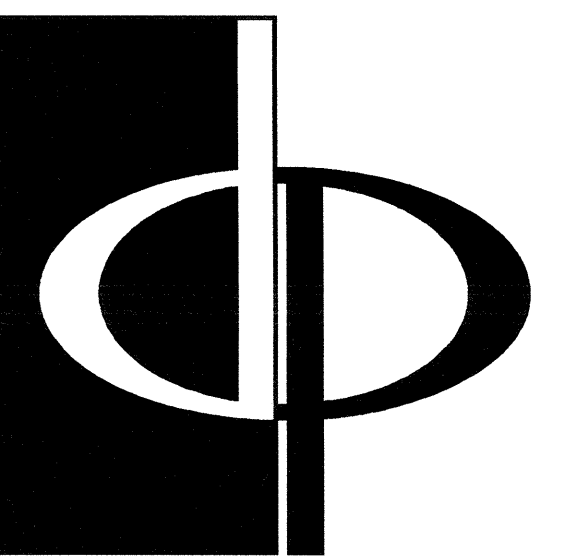
7 TYP. DETAILS WHERE STEEL BEAM BEARS ON CMU WALL
SCALE: NTS

8 TYP. STEEL BEAM LINTEL DETAIL
SCALE: NTS



9 TYPICAL CMU BOND BEAM STEP
SCALE: NTS

NOTE: IF BOND BEAM CHANGES ELEV. AT BLDG. CORNER, EXTEND EA. BOND BEAM 3'-4" AROUND CORNER AND OMIT ADD'L BARS.



THE PRESTON PARTNERSHIP, LLC
A MULTI-DISCIPLINARY DESIGN FIRM

1000 ABERNATHY ROAD NE, SUITE 600
ATLANTA, GEORGIA 30328
TELEPHONE: 770 396 7248
FAX: 770 396 2945

WWW.THEPRESTONPARTNERSHIP.COM

CONSULTANT

SEAL



10-17-03

PROJECT

ARCHSTONE
KENTLANDS

545 QUINCE ORCHARD ROAD
GATHERSBURG, MARYLAND

FOR

ARCHSTONE
COMMUNITIES
6631 OLD DOMINION DRIVE
MCLEAN, VIRGINIA 22101
703-883-3353

REVISIONS

CLUBHOUSE DESIGN	09/15/03
CLUB HOUSE COORD	10/01/03

DATE

JOB NUMBER 01/31/03

DRAWN BY 021108

CHECKED BY BTM

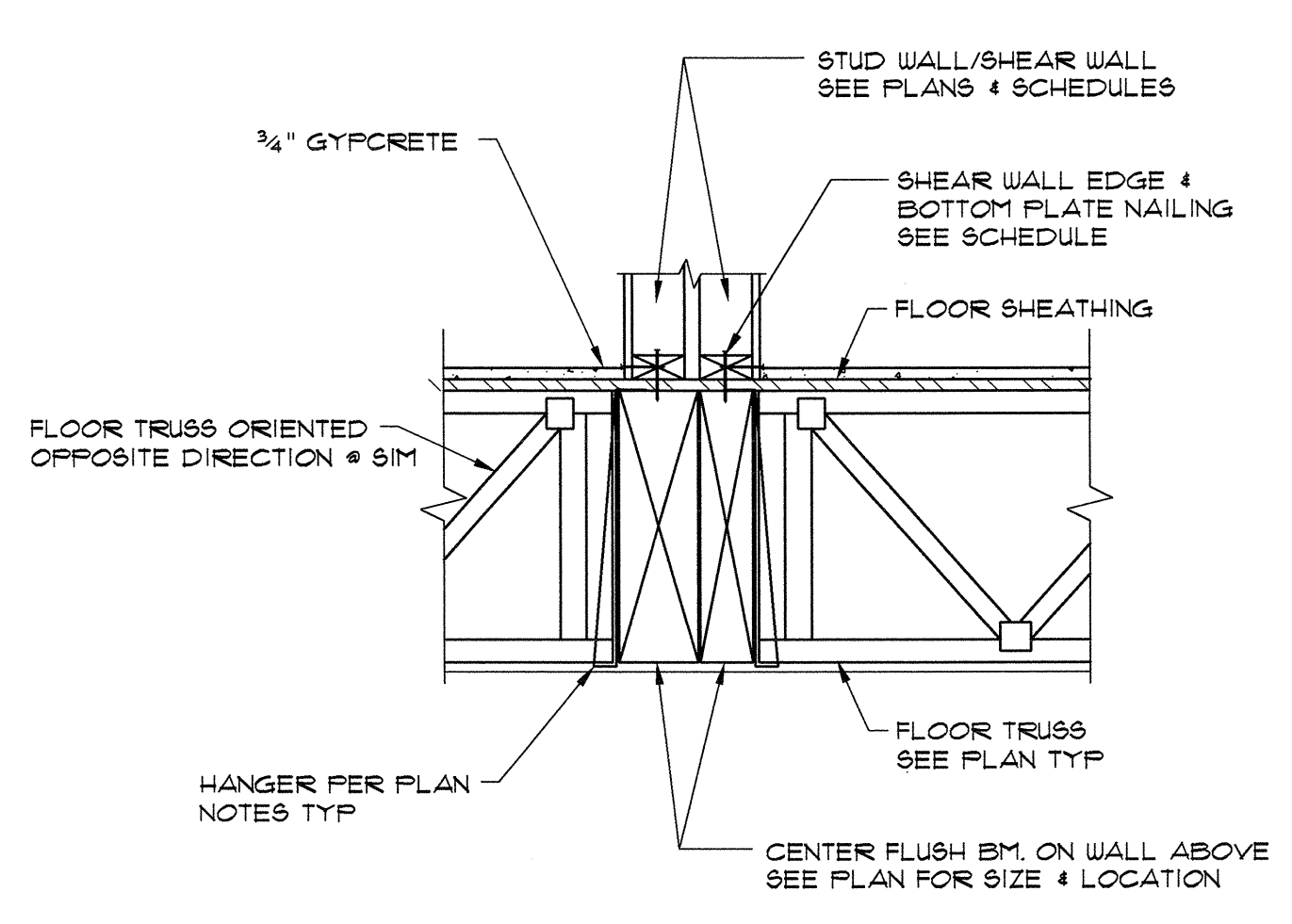
DRAWING TITLE KM

DRAWING NUMBER

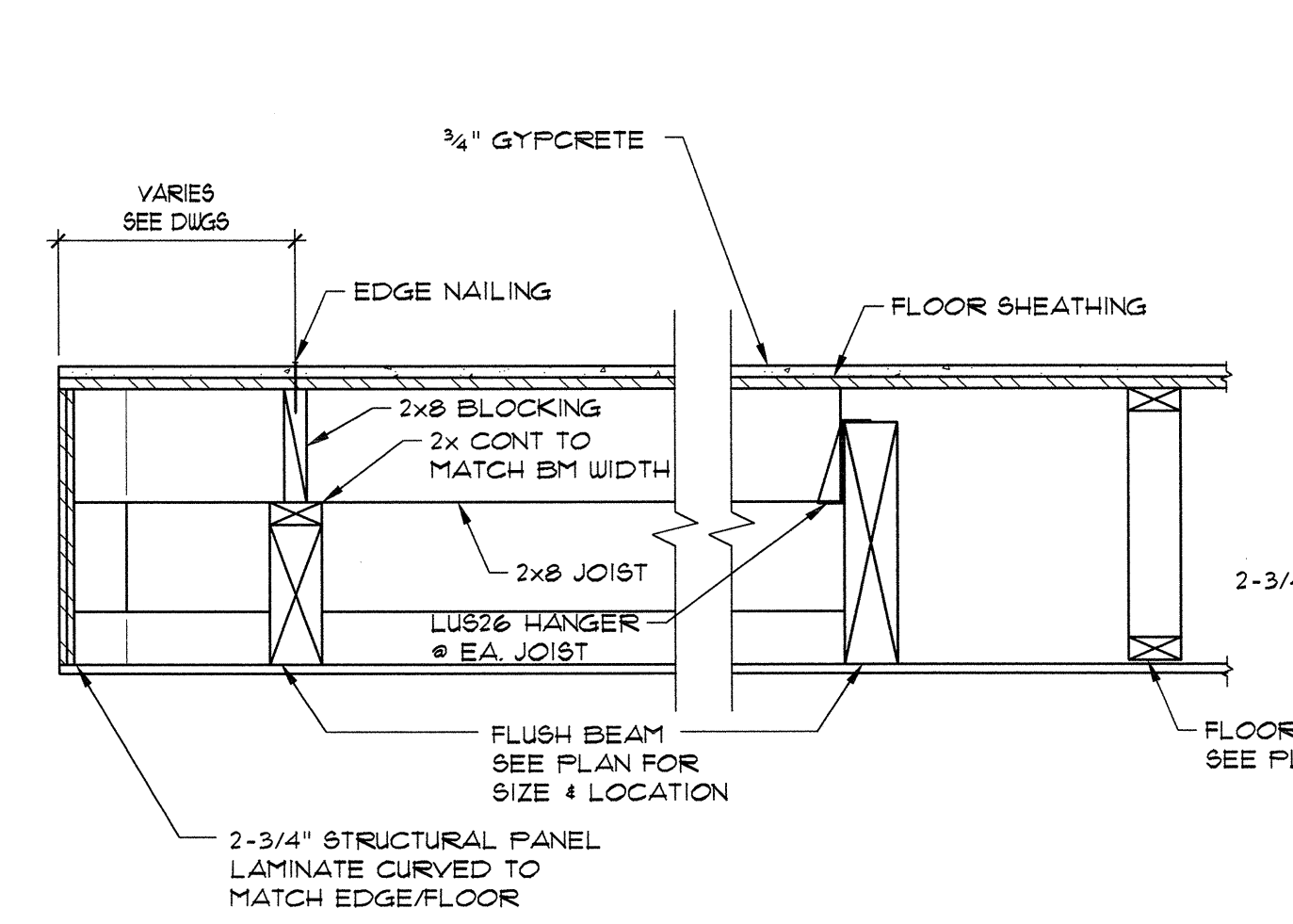
FRAMING SECTIONS & DETAILS

5-6.04

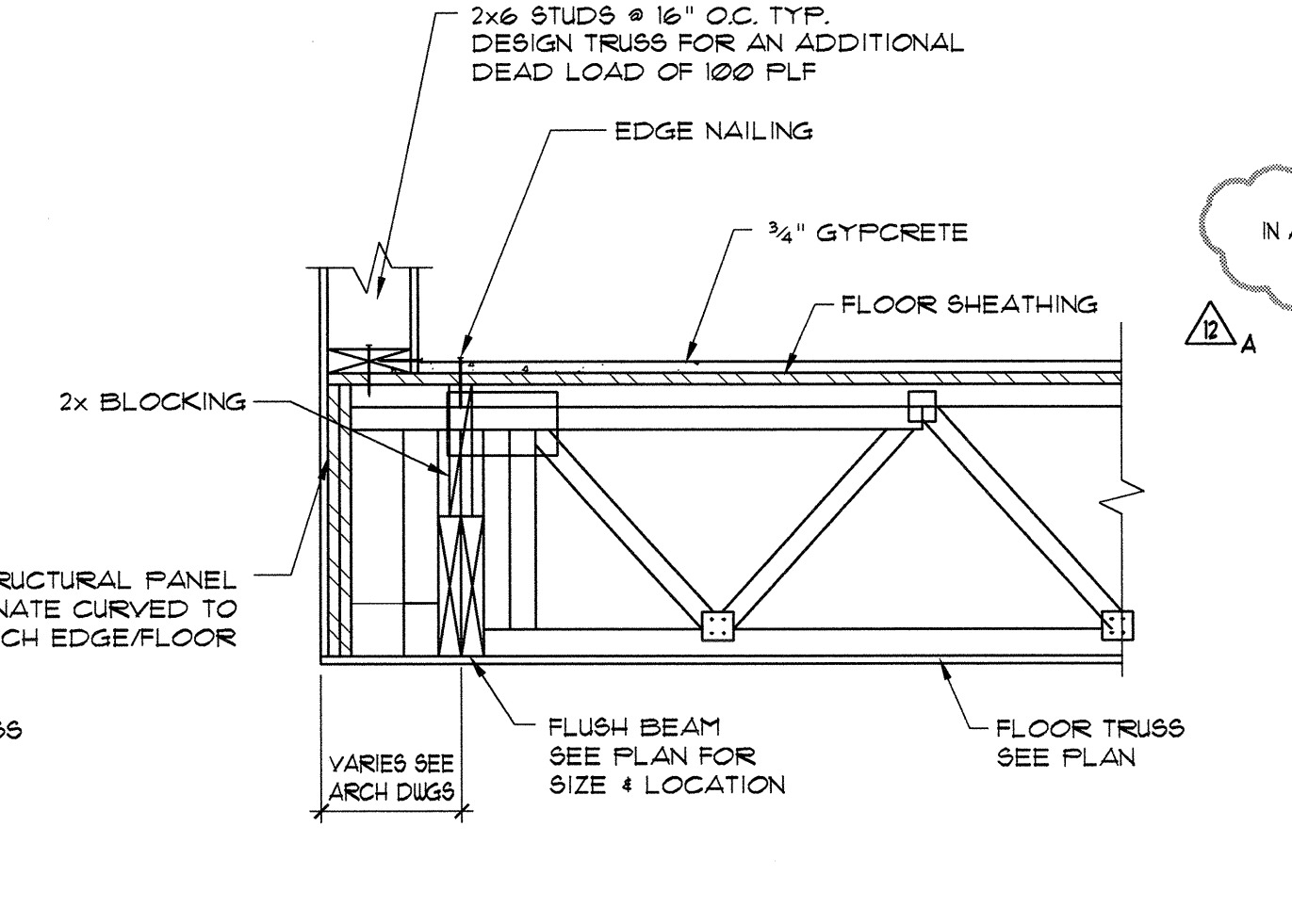
COMMENTS



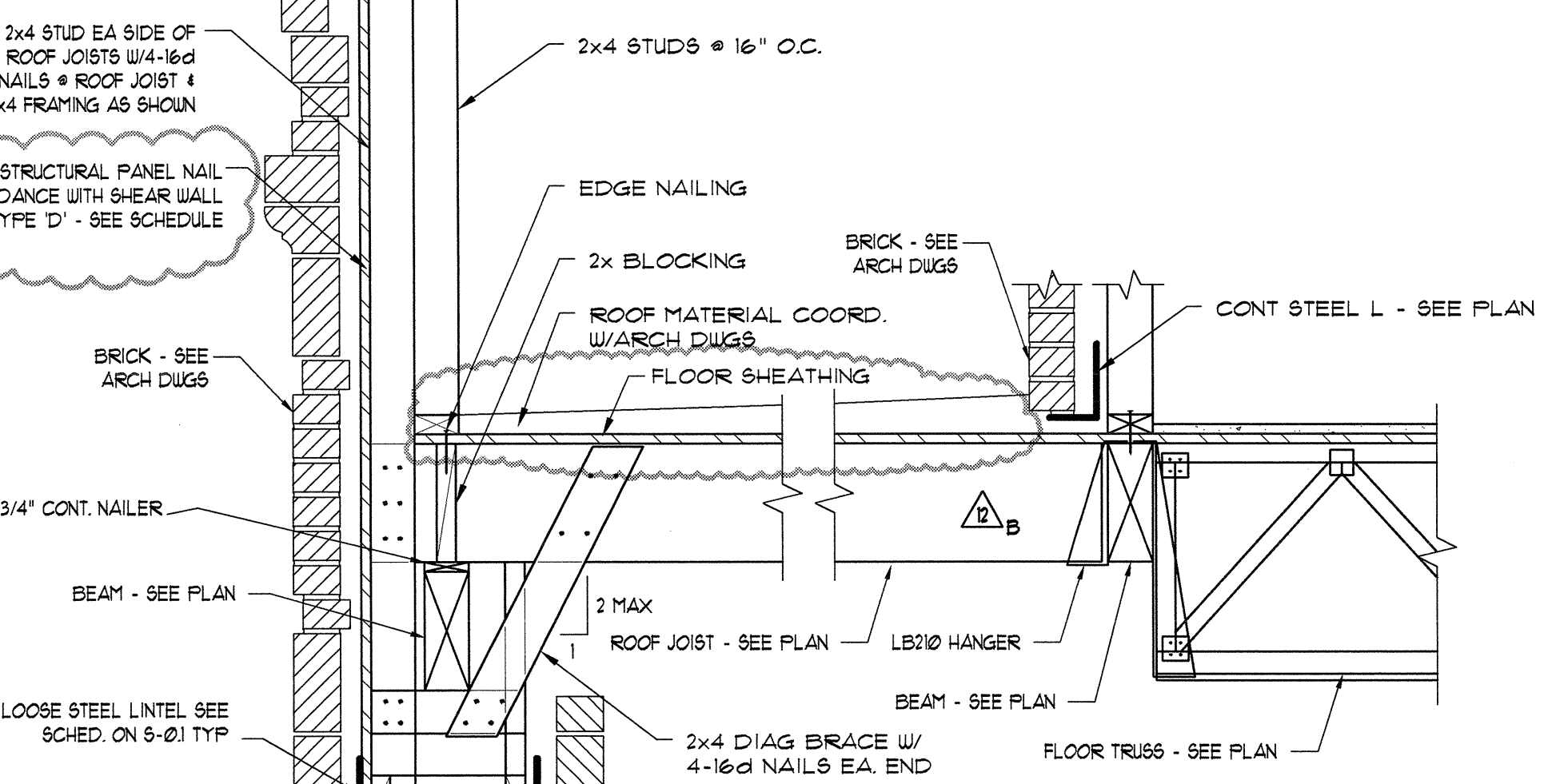
1 DOUBLE BEAM SUPPORT @ PARTY WALL
5-6.04 SCALE: NTS



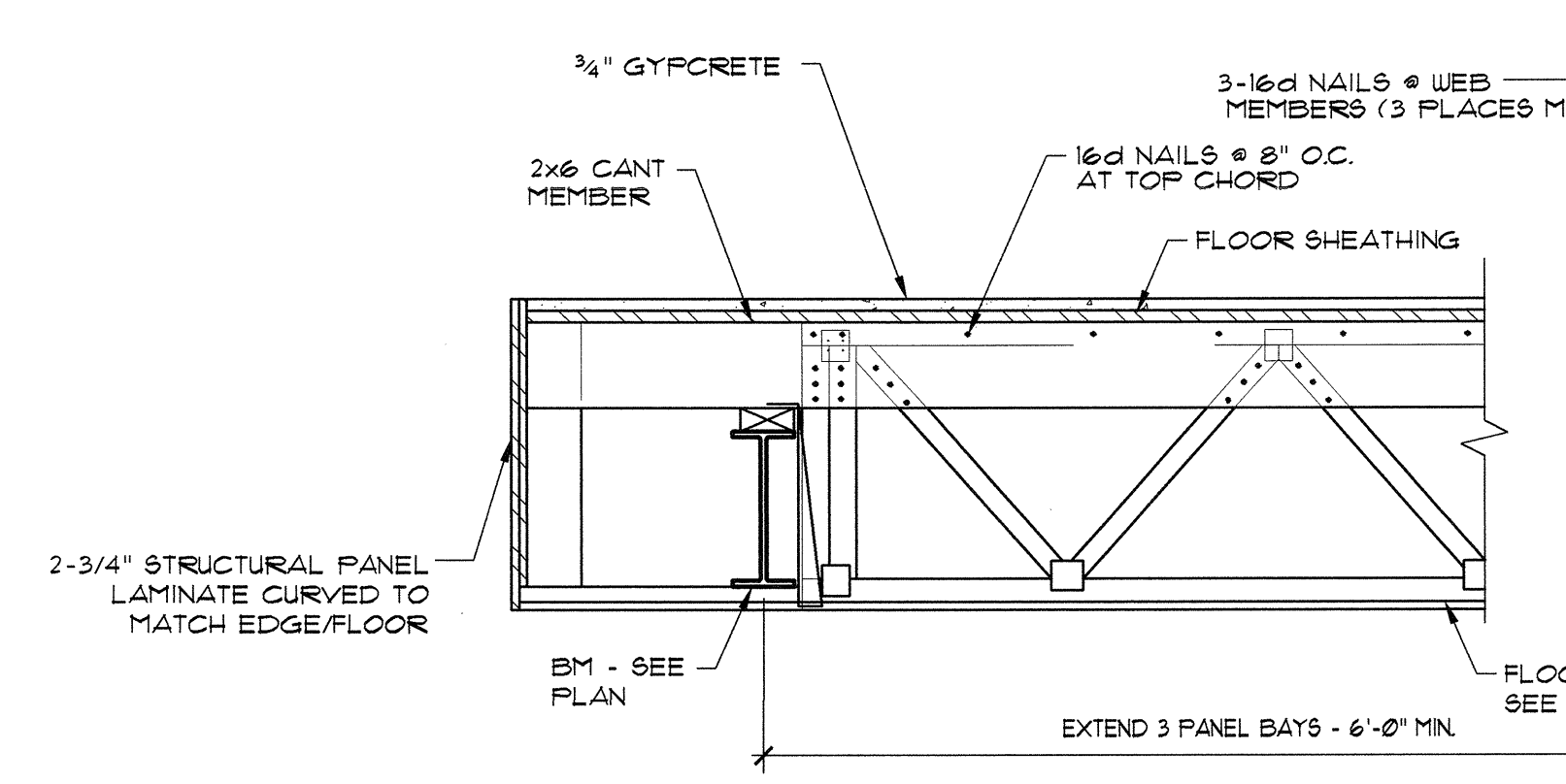
2 CANTILEVERED JOISTS @ CURVED FLOOR EDGE
5-6.04 SCALE: NTS



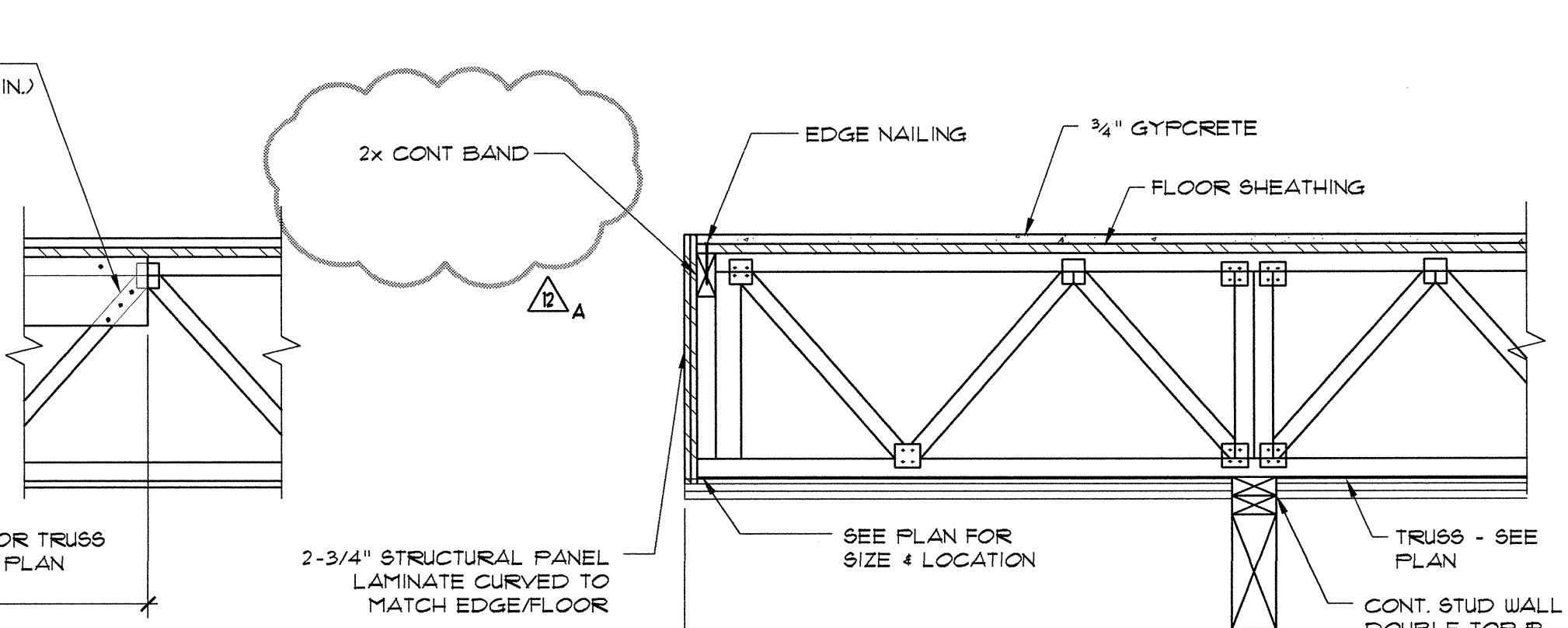
3 TOP BEARING TRUSS
5-6.04 SCALE: NTS



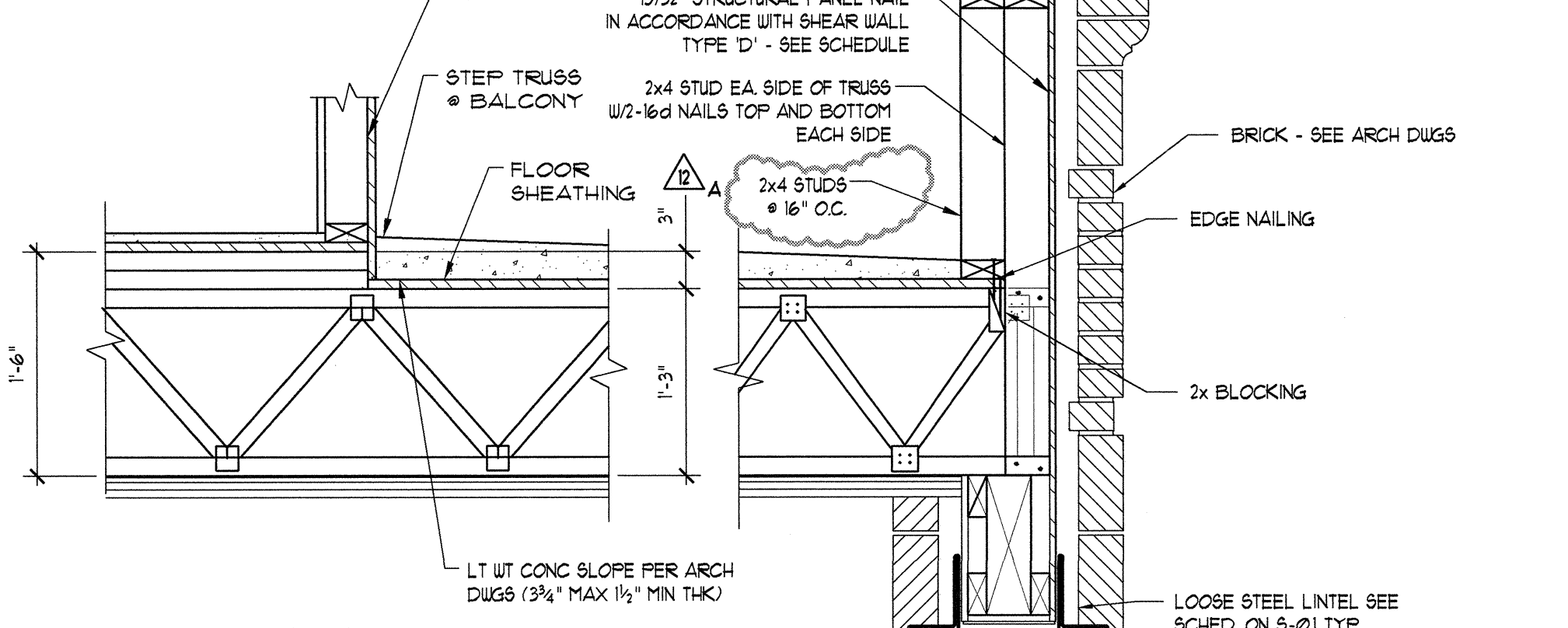
4 PARAPET SECTION
5-6.04 SCALE: NTS



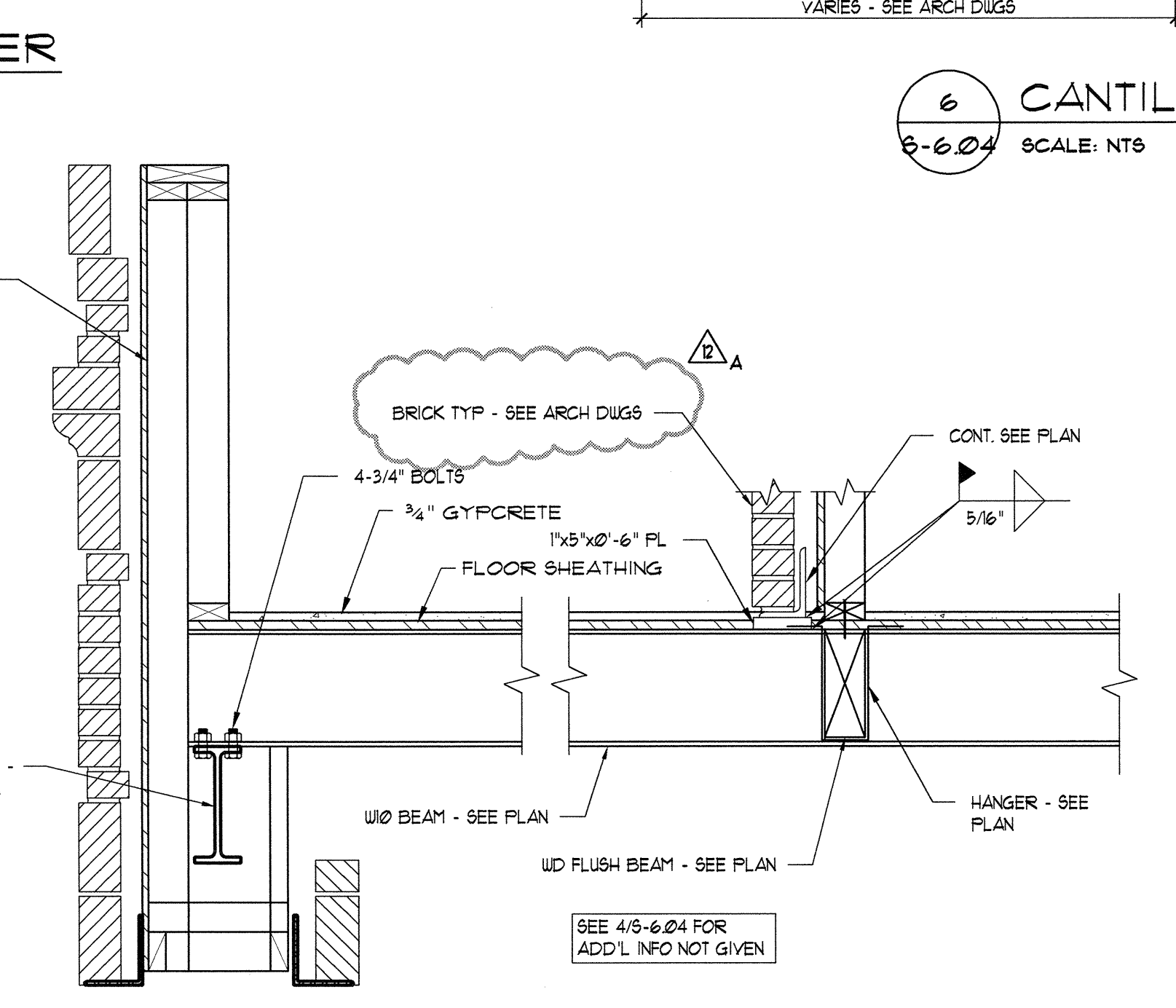
5 SECTION @ TRUSS OUTRIGGER
5-6.04 SCALE: NTS



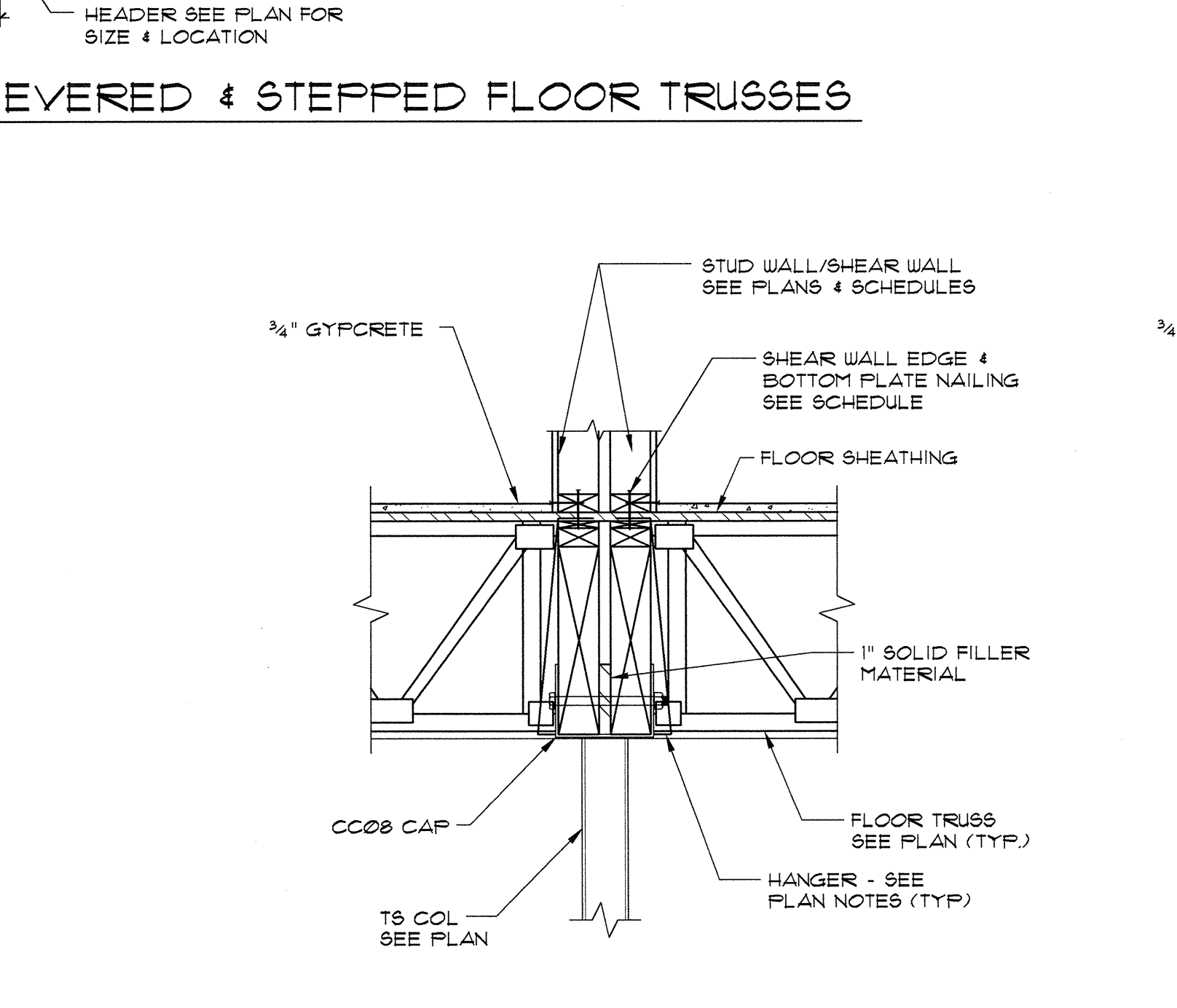
6 CANTILEVERED & STEPPED FLOOR TRUSSES
5-6.04 SCALE: NTS



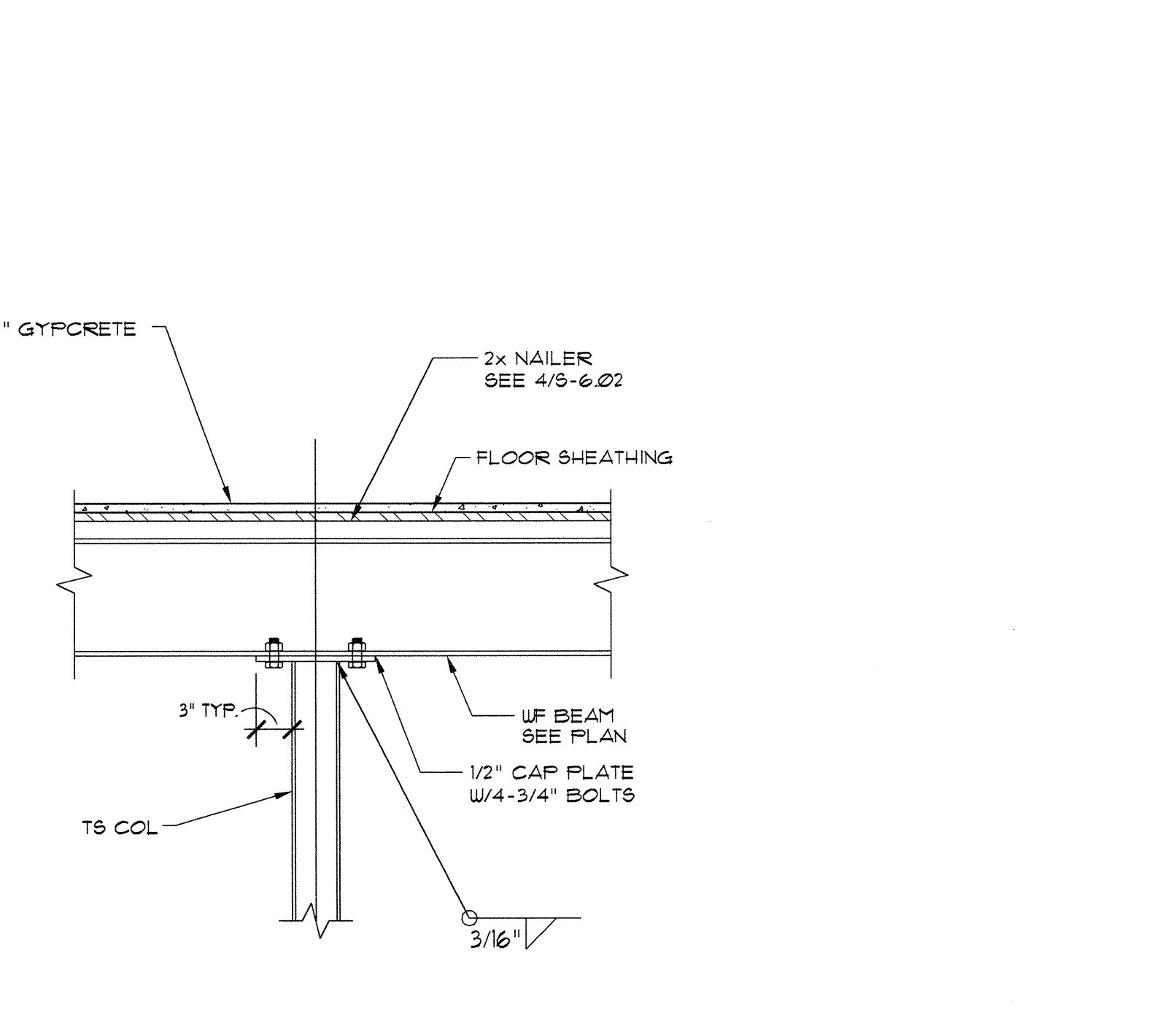
7 SECTION @ TRUSS CANT. BEARING ON WALL
5-6.04 SCALE: NTS



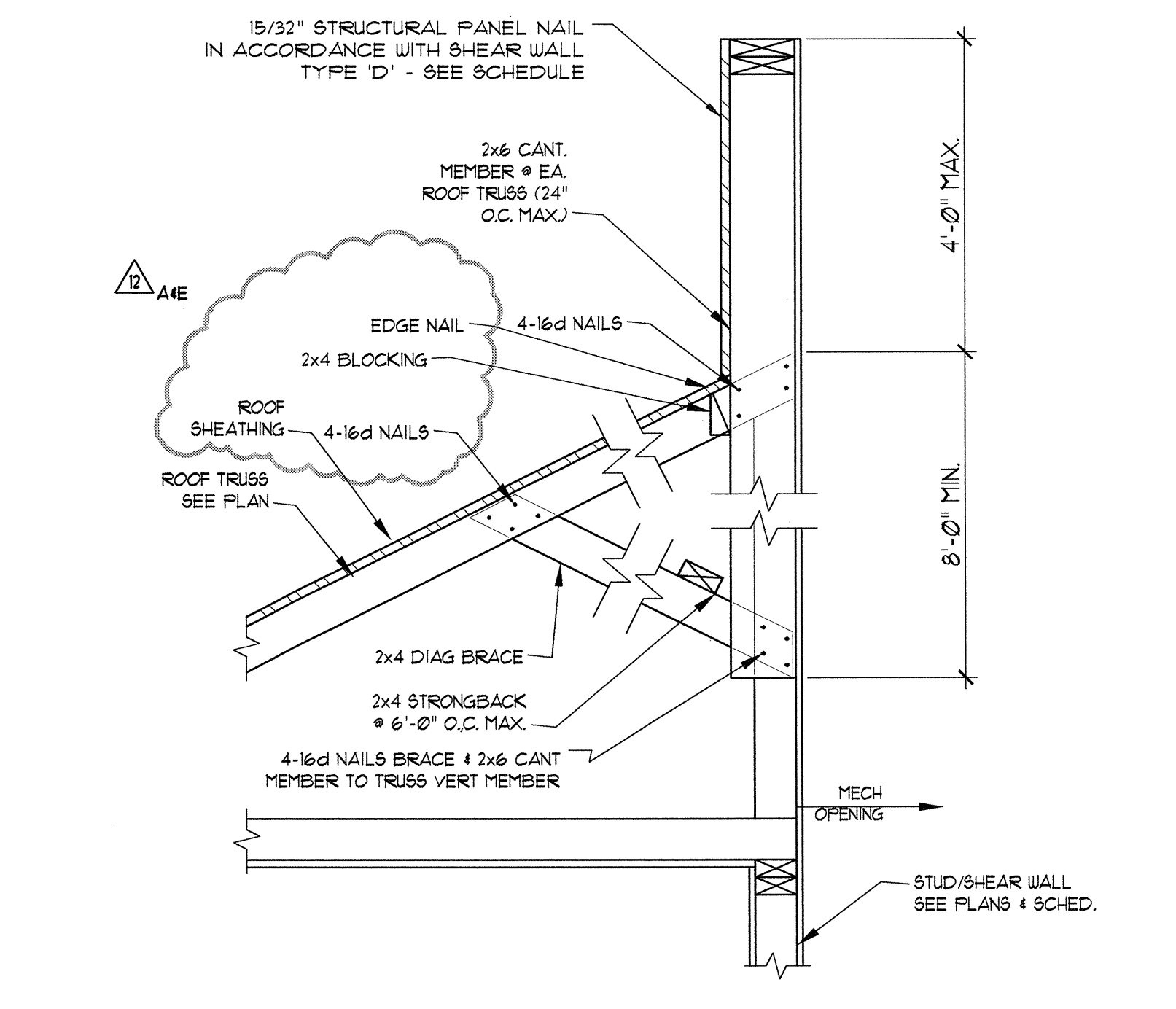
8 PARAPET SECTION @ BEAM
5-6.04 SCALE: NTS



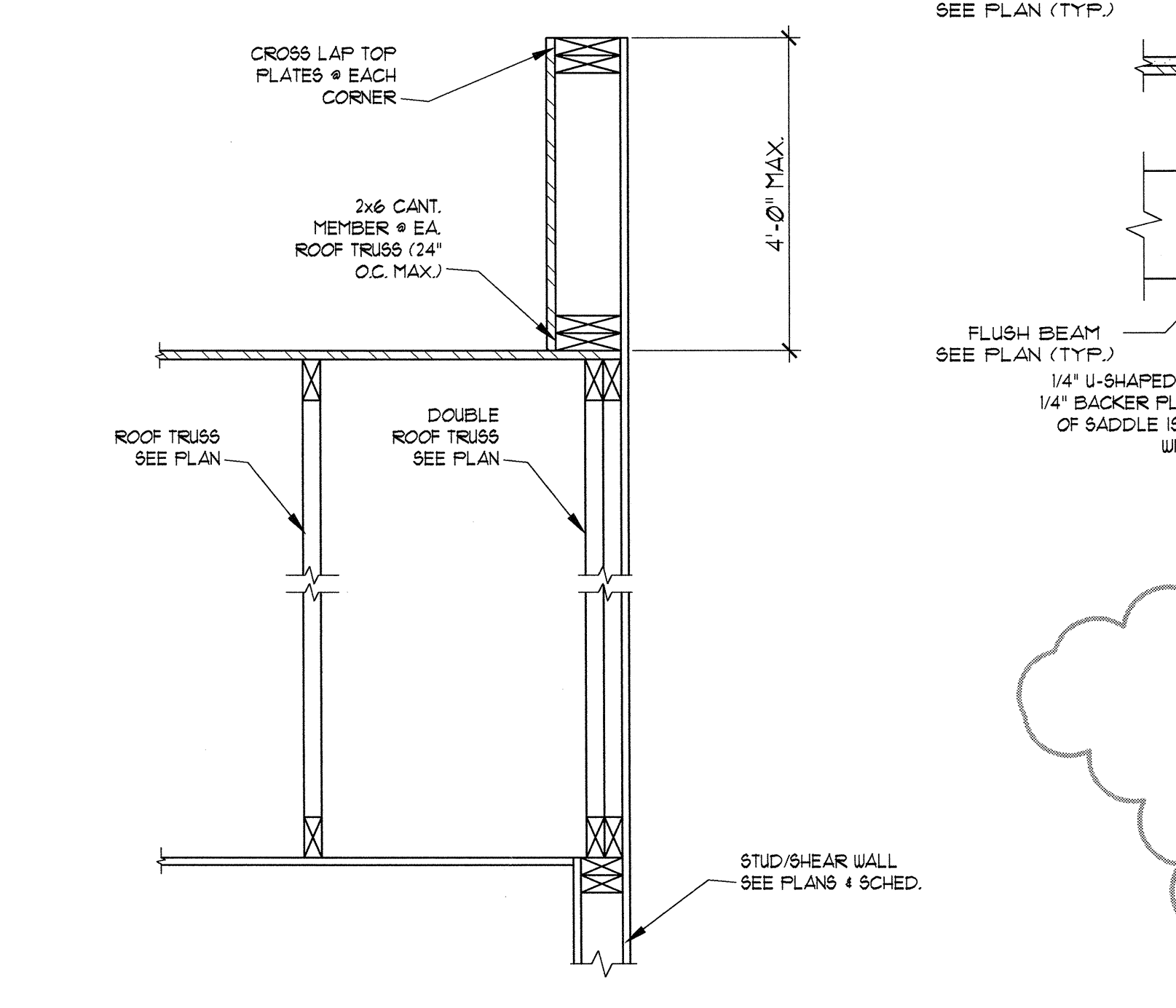
9 FLOOR FRAMING @ PARTY WALL
5-6.04 SCALE: NTS



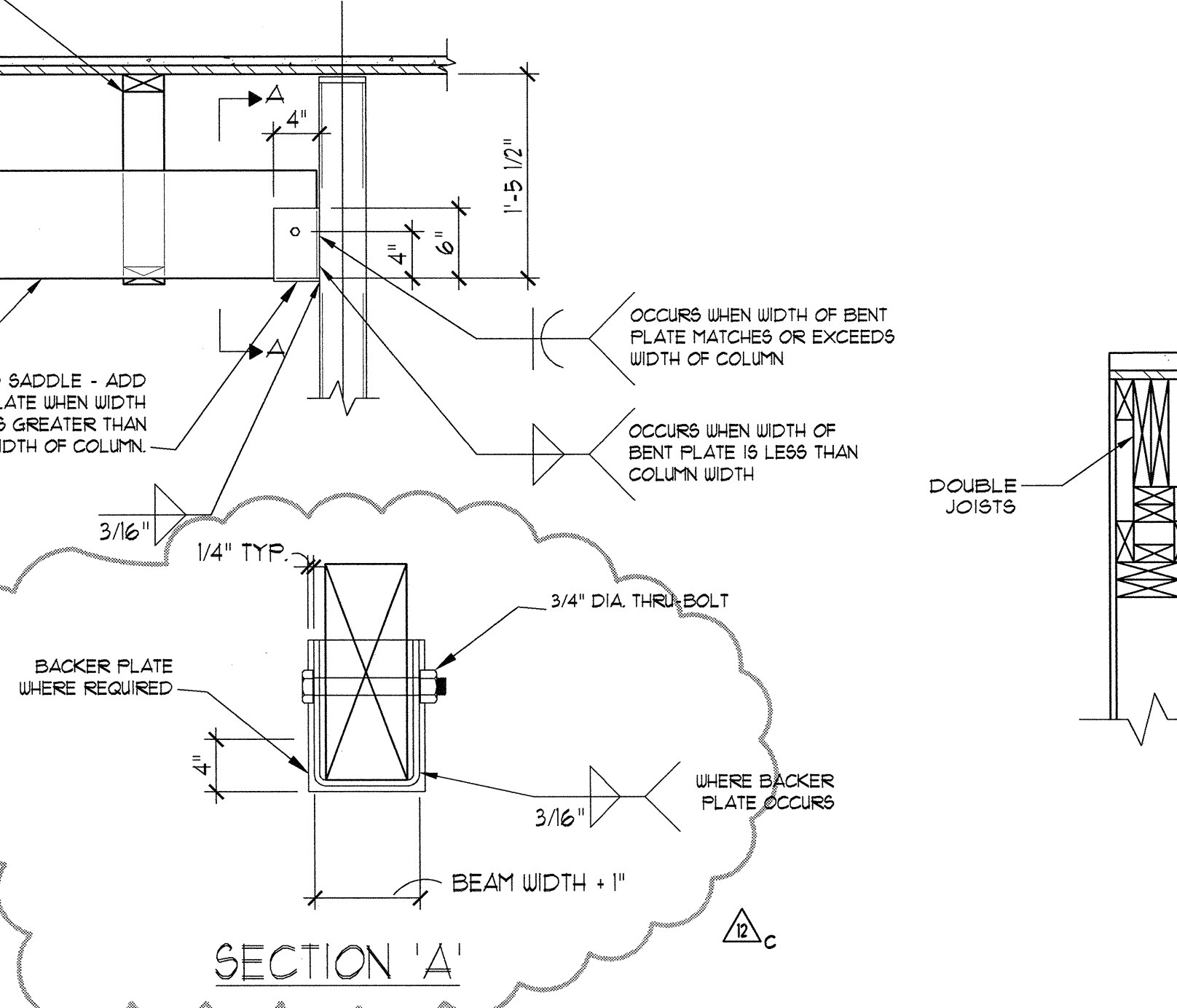
10 STEEL CANT BM. TO TS COL. CONN.
5-6.04 SCALE: NTS



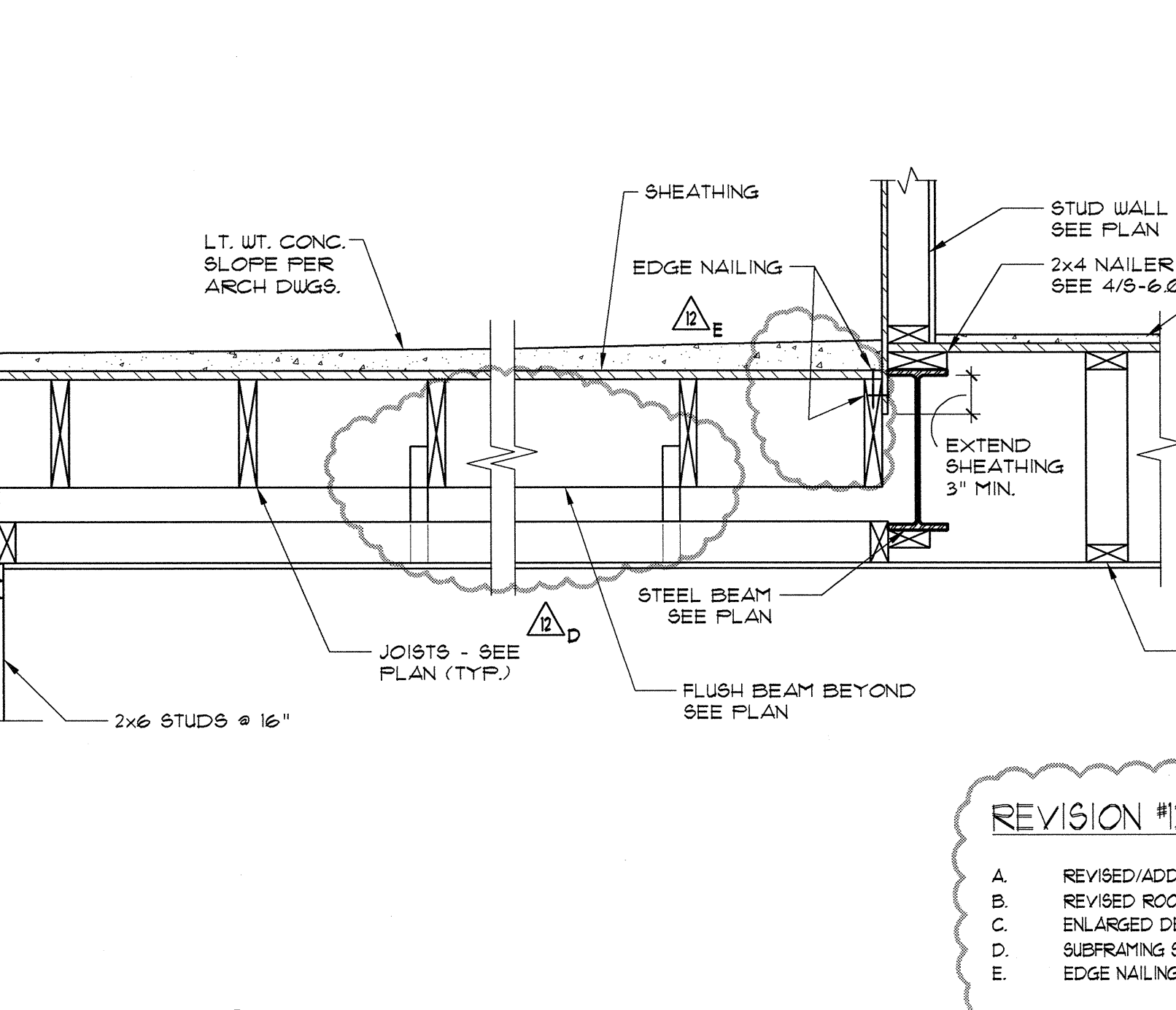
11 100A MECH OPENING @ ROOF
5-6.04 SCALE: NTS



12 100A MECH OPENING @ ROOF
5-6.04 SCALE: NTS

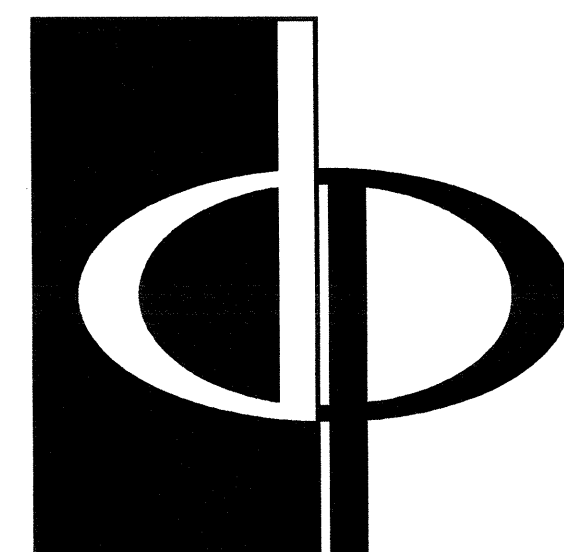


13 WOOD BEAM TO TS COL. DETAIL
5-6.04 SCALE: NTS



14 SECTION @ BALCONY
5-6.04 SCALE: NTS

REVISION #12 SUMMARY
A. REVISED/ADDED NOTE
B. REVISED ROOF MATERIAL
C. ENLARGED DETAIL
D. SUBFRAMING SUPPORT SHOWN
E. EDGE NAILING INDICATED



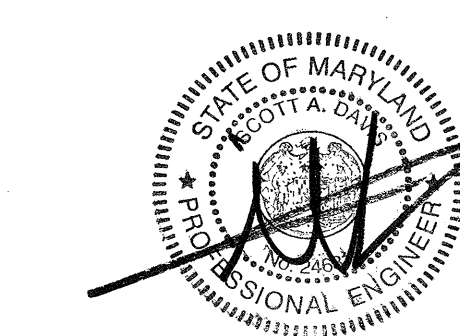
THE PRESTON PARTNERSHIP, LLC
A MULTI-DISCIPLINARY DESIGN FIRM

1000 ABERNATHY ROAD NE, SUITE 600
ATLANTA, GEORGIA 30328
TELEPHONE: 770 396 7248
FAX: 770 396 2945

WWW.THEPRESTONPARTNERSHIP.COM

CONSULTANT

SEAL



10.17.03

PROJECT

ARCHSTONE
KENTLANDS

345 QUINCE ORCHARD ROAD
GATHERSBURG, MARYLAND

FOR

ARCHSTONE
COMMUNITIES
6631 OLD DOMINION DRIVE
MCLEAN, VIRGINIA 22101
703-883-3353

REVISIONS

△ CLUBHOUSE DESIGN 09/16/03
△ CLUB HOUSE COORD 10/07/03

DATE

JOB NUMBER 01/31/03

DRAWN BY 02/11/03

CHECKED BY BTM

DRAWING TITLE KM

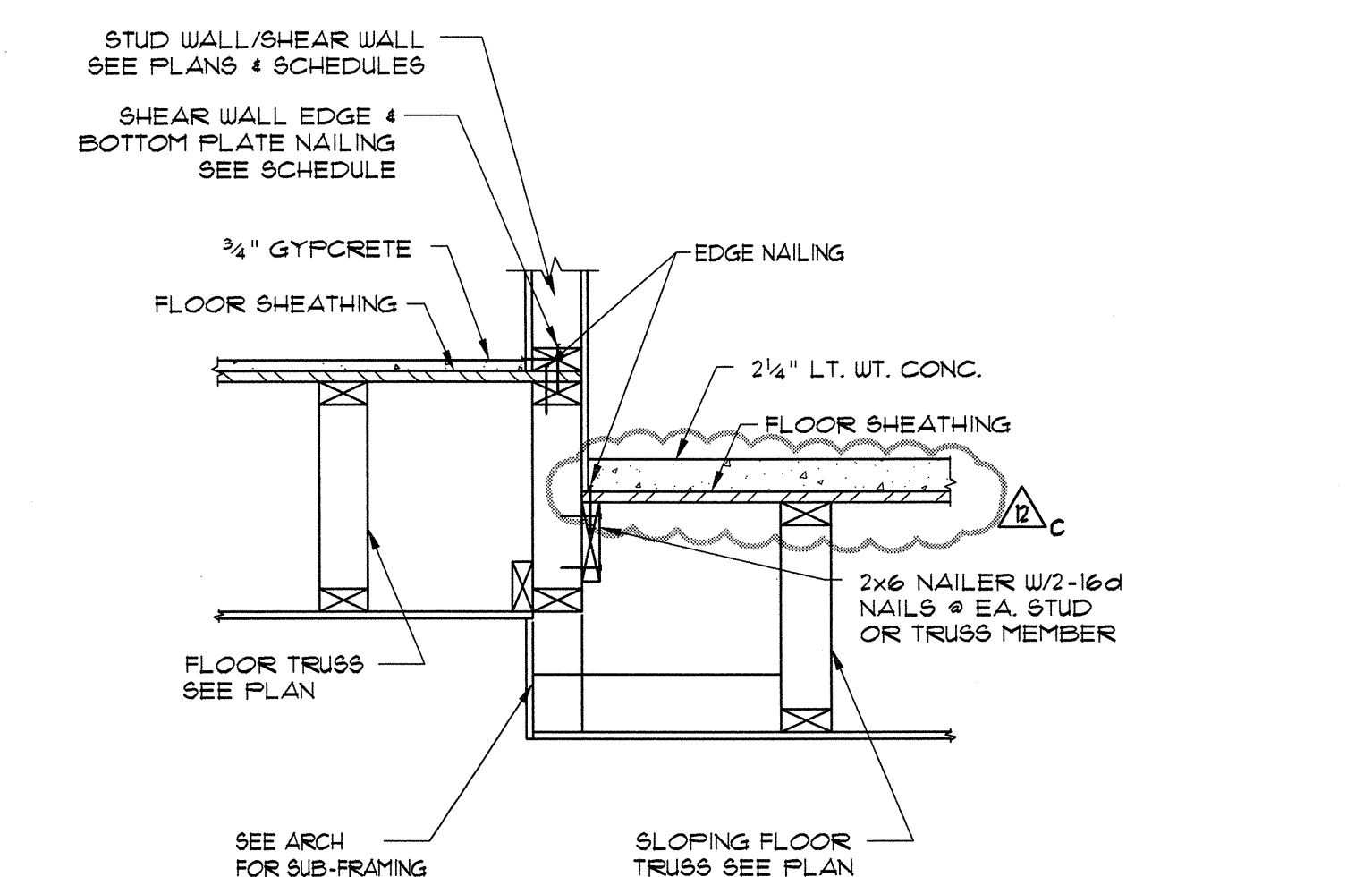
DRAWING NUMBER

FRAMING SECTIONS & DETAILS

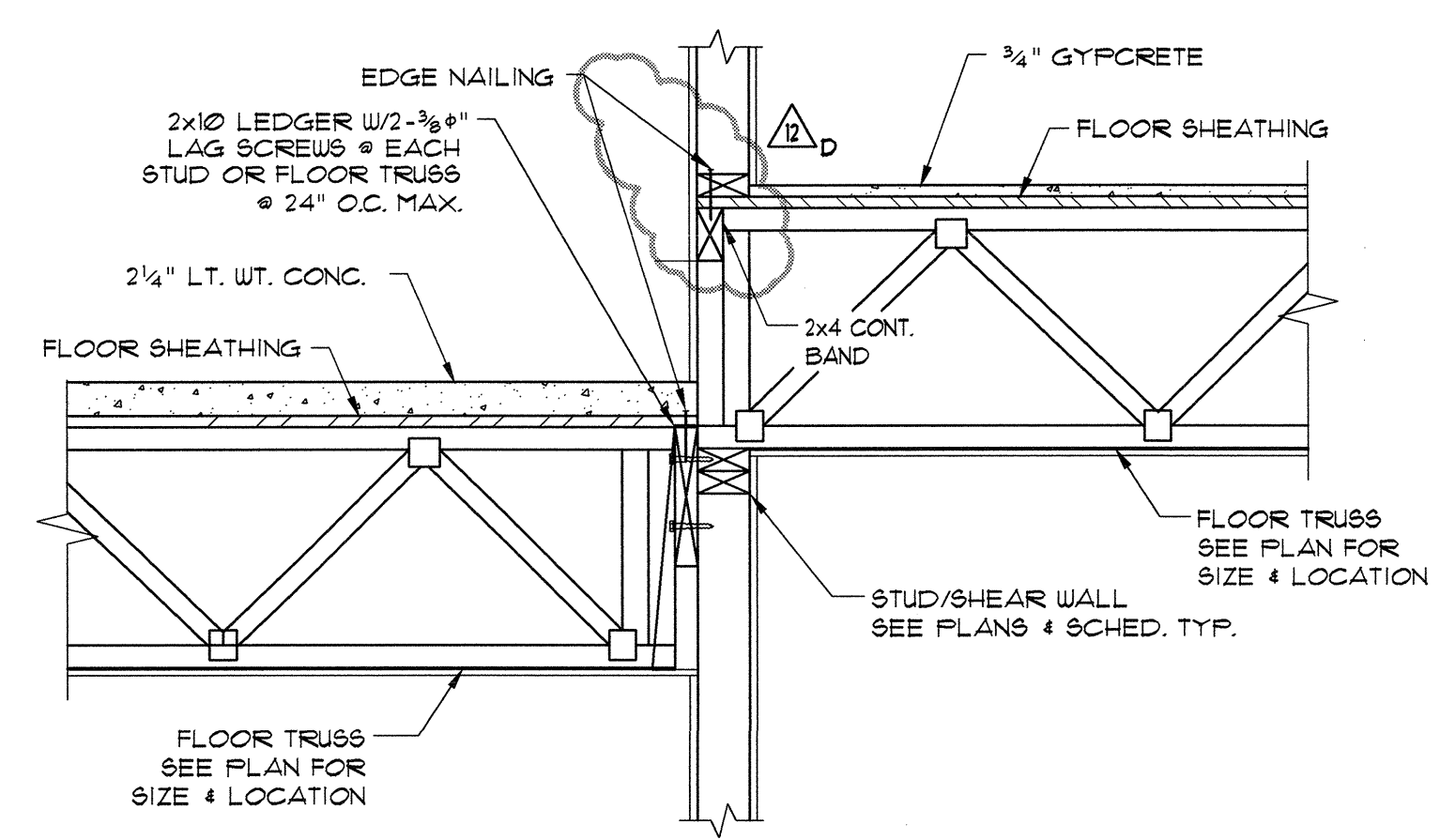
COMMENTS

S-6.05

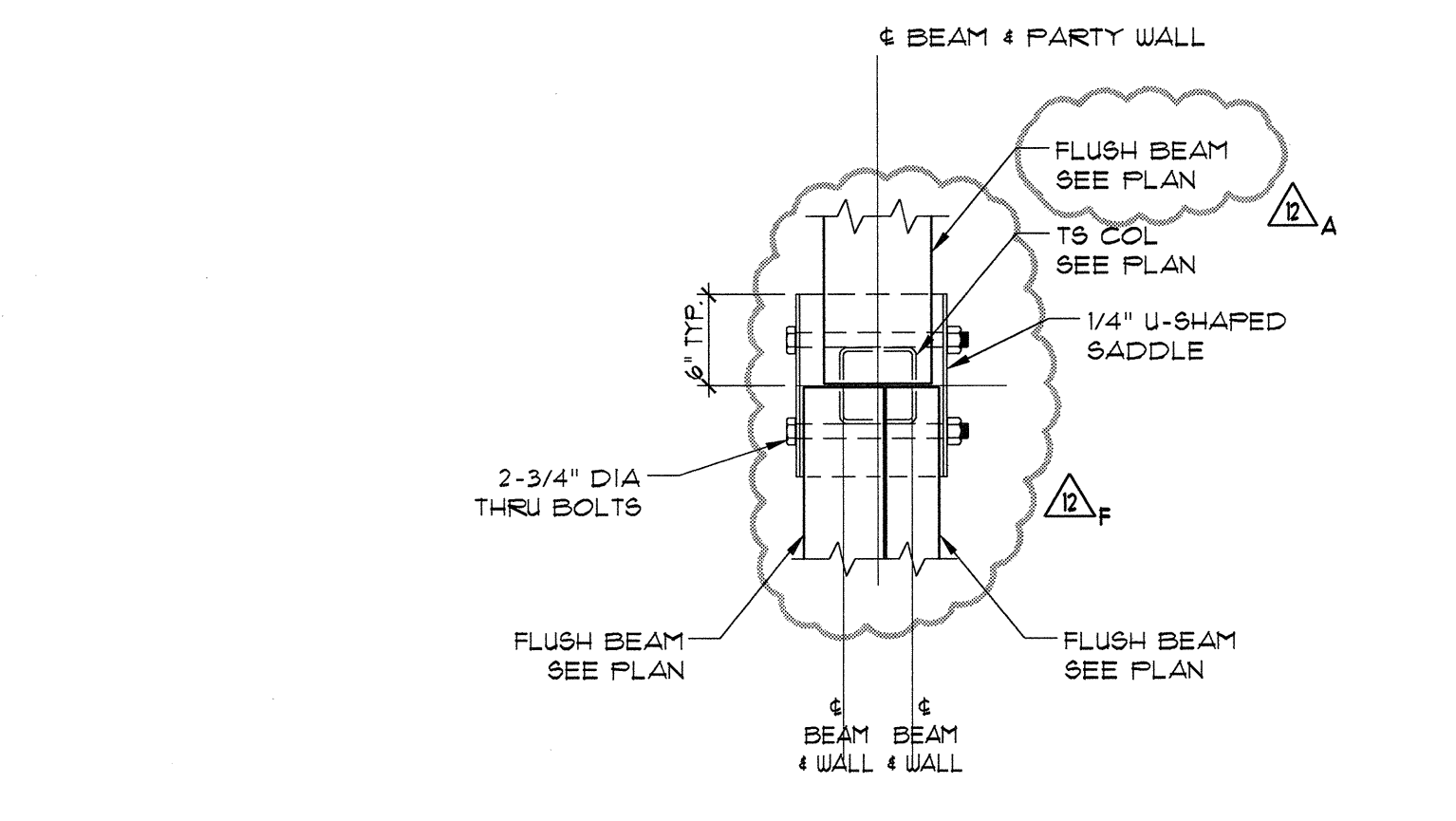
15



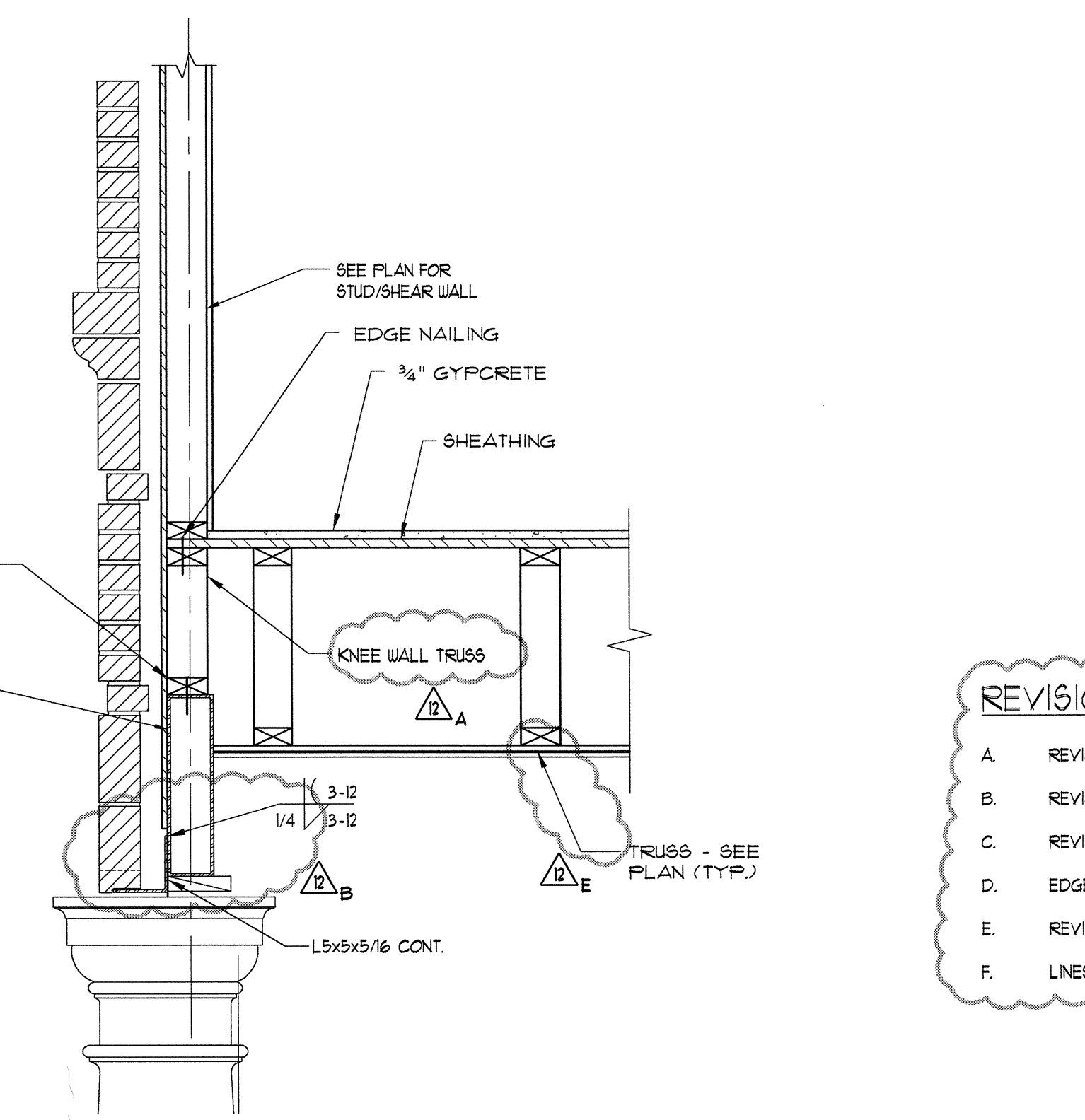
3 FRAMING @ STORAGE/SLOPED CORRIDOR
SCALE: NTS



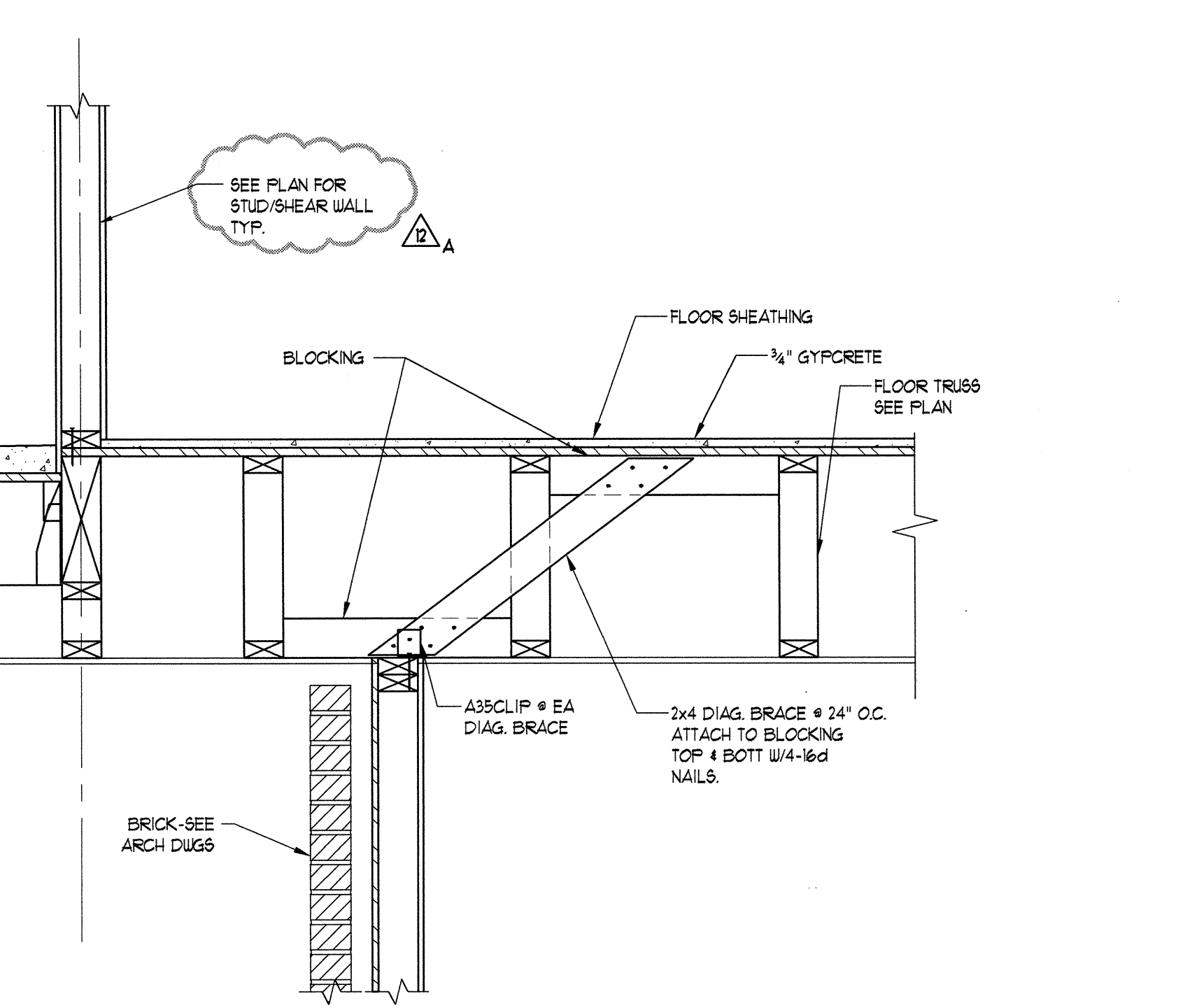
1 FRAMING @ SLOPED CORRIDOR
SCALE: NTS



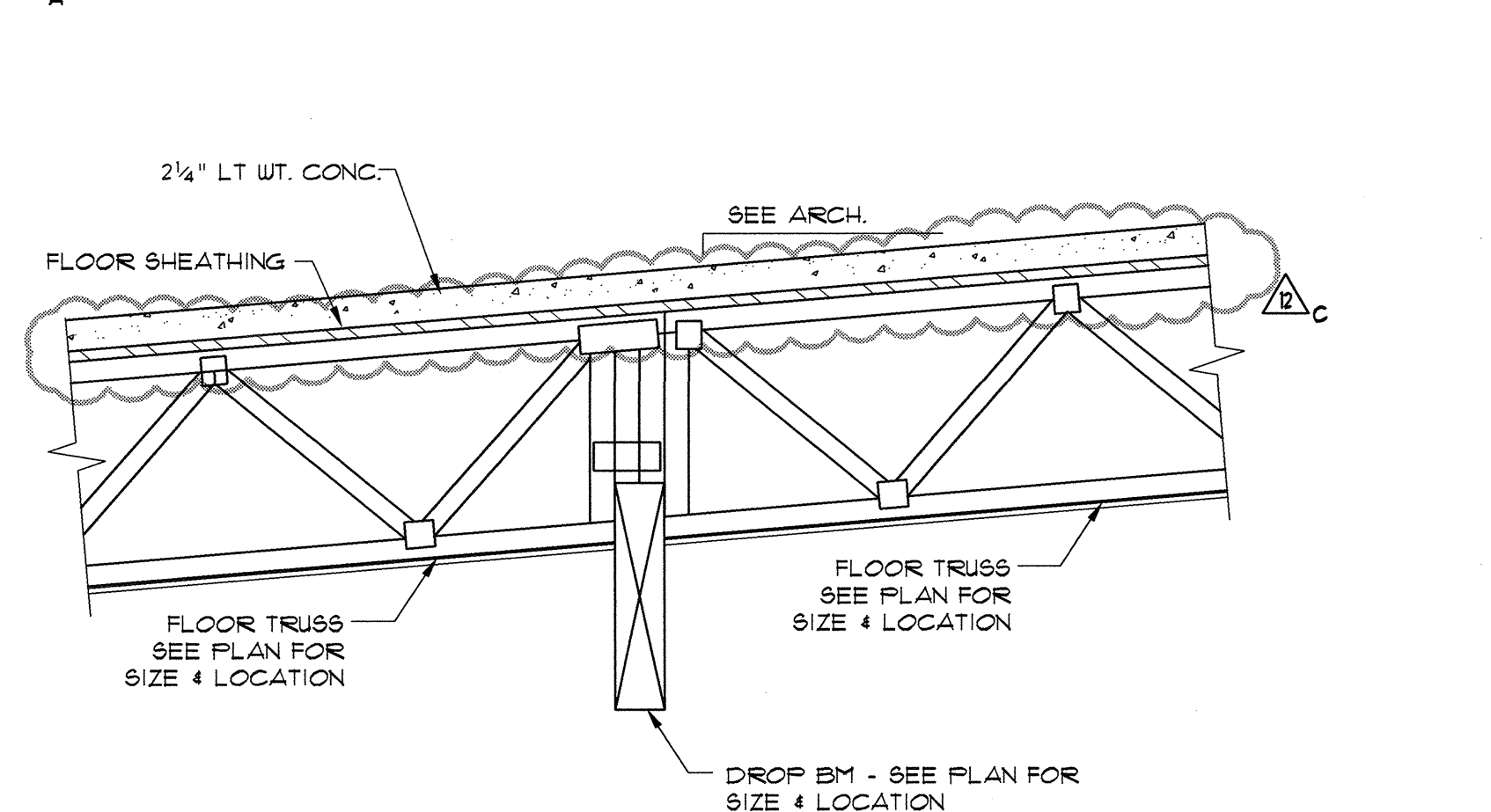
11 DBL WD BM TO COL CONN
SCALE: NTS



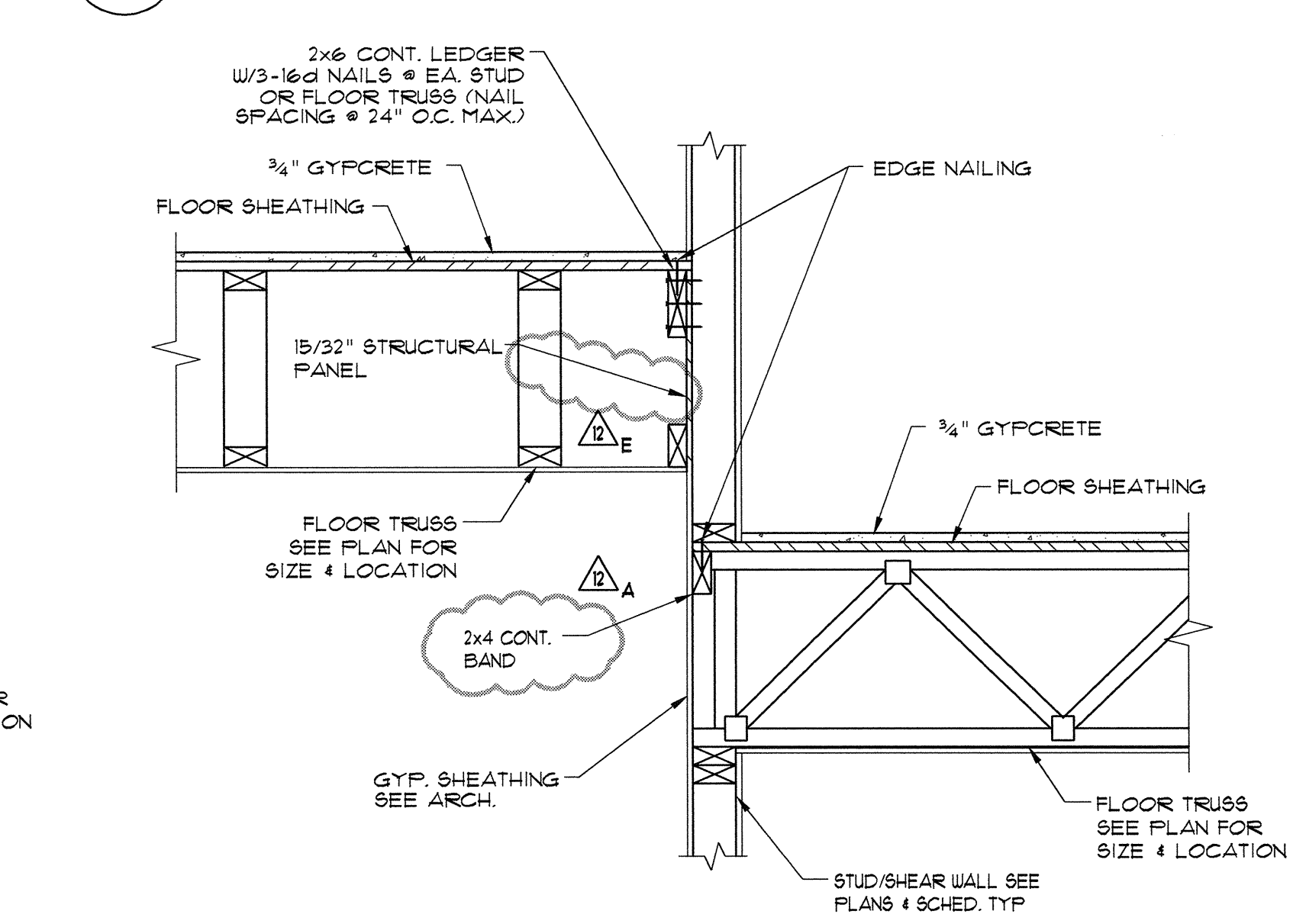
15 EXT. WALL @ FLOOR TRUSS BRG.
SCALE: NTS



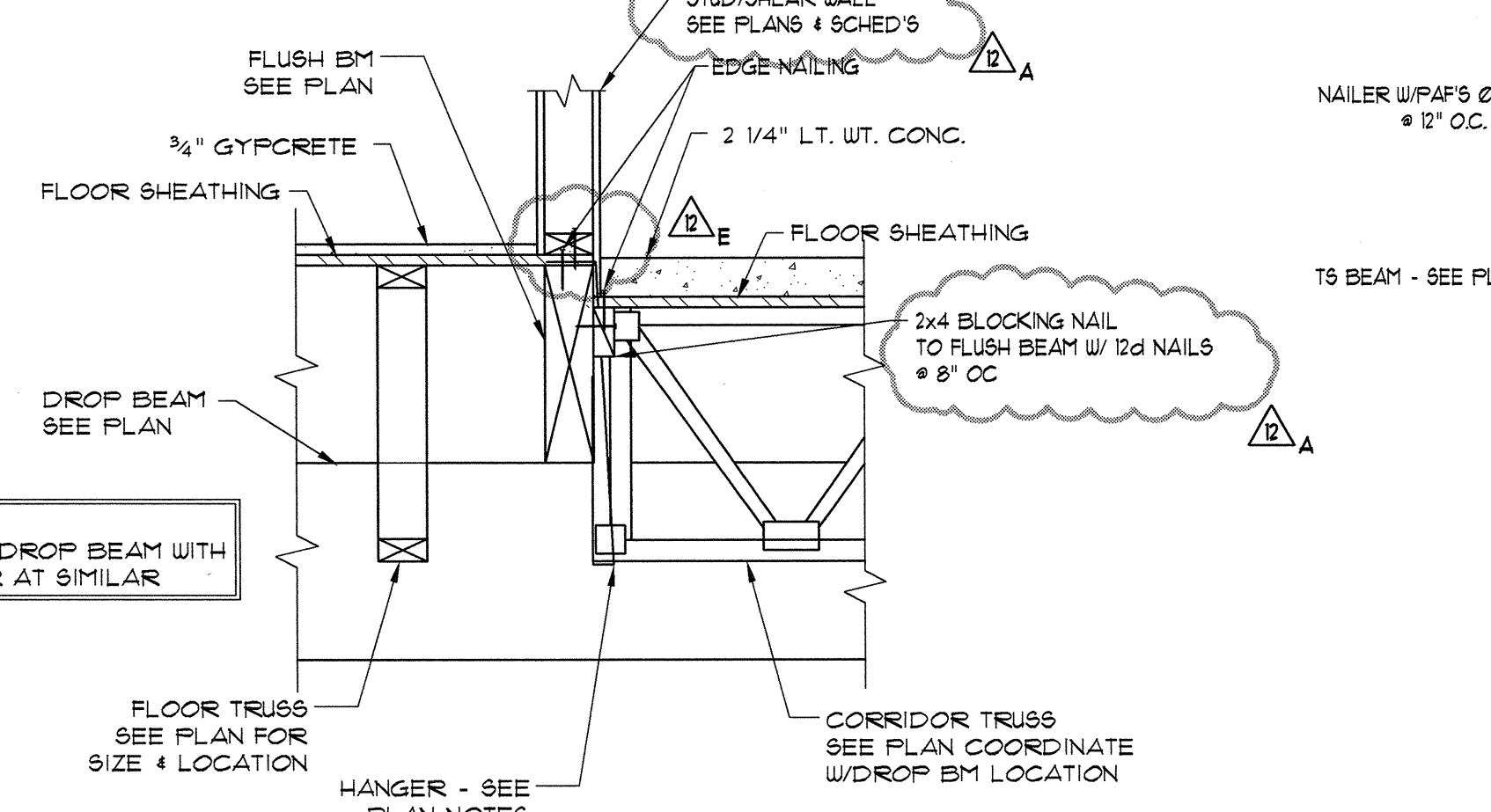
2 EXT. WALL @ BALCONY JOIST
SCALE: NTS



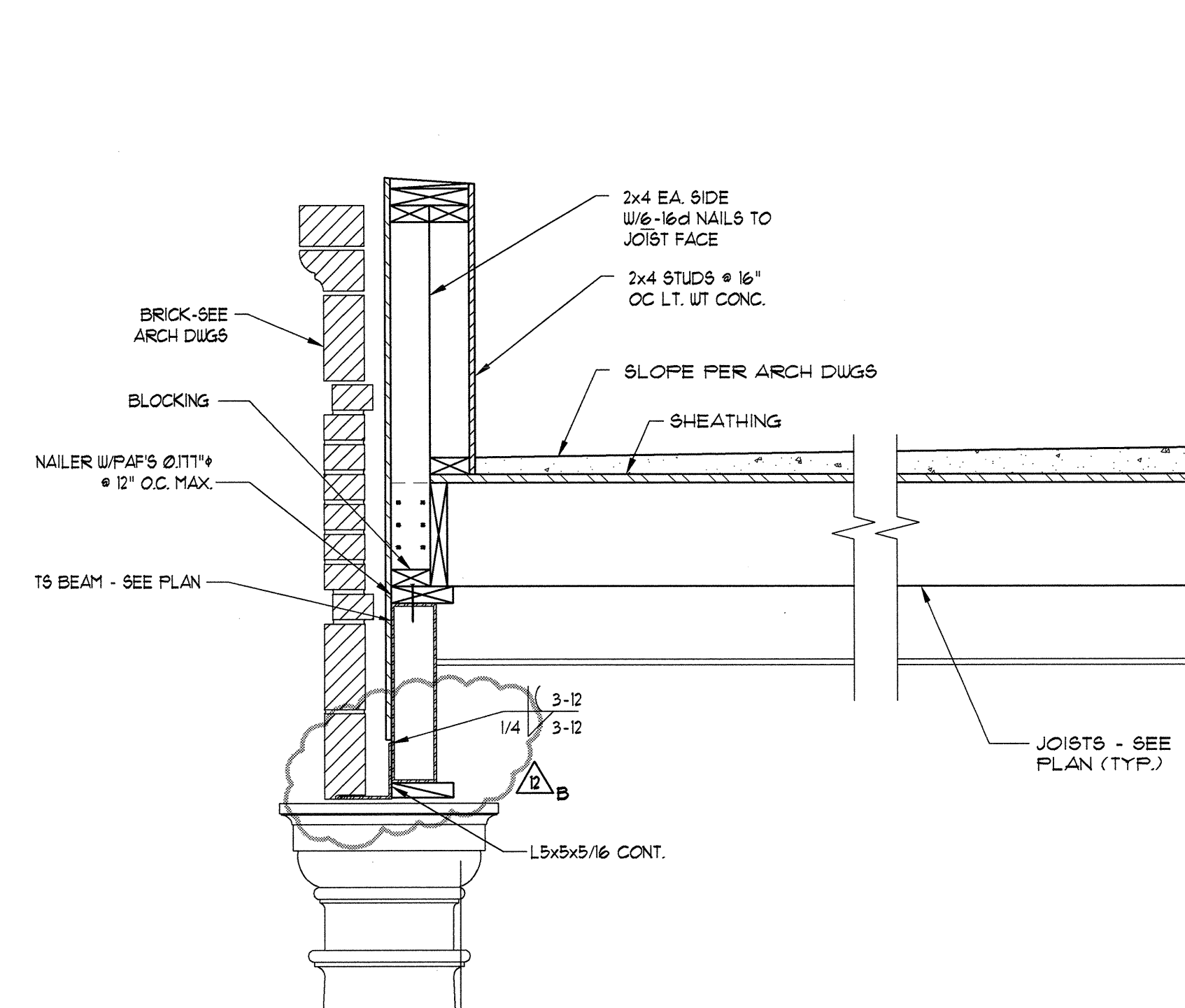
6 FRAMING @ SLOPED CORRIDOR
SCALE: NTS



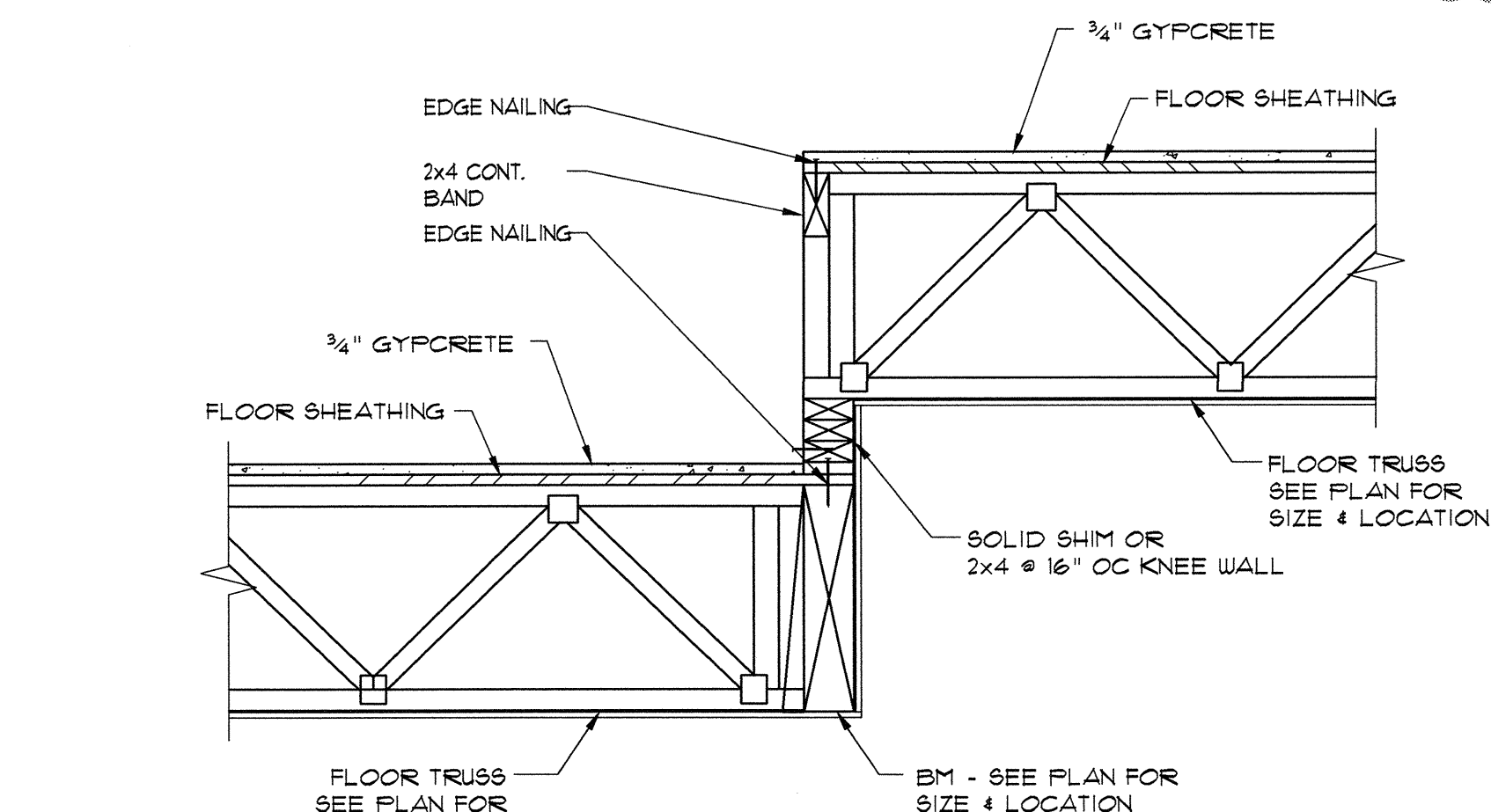
10 FLOOR @ STORAGE & UNITS
SCALE: NTS



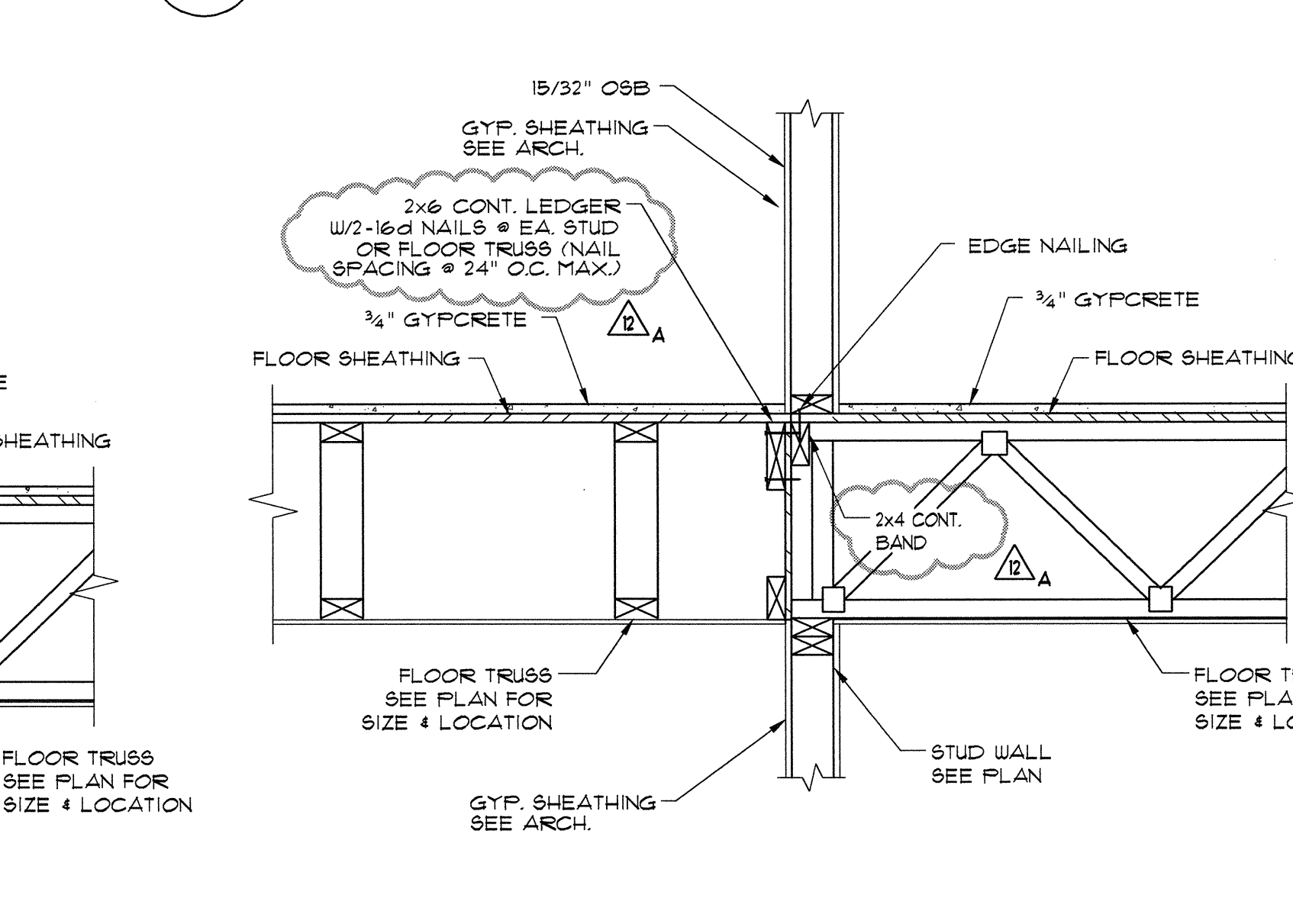
14 HSS BEAM TO TS COL CONN
SCALE: NTS



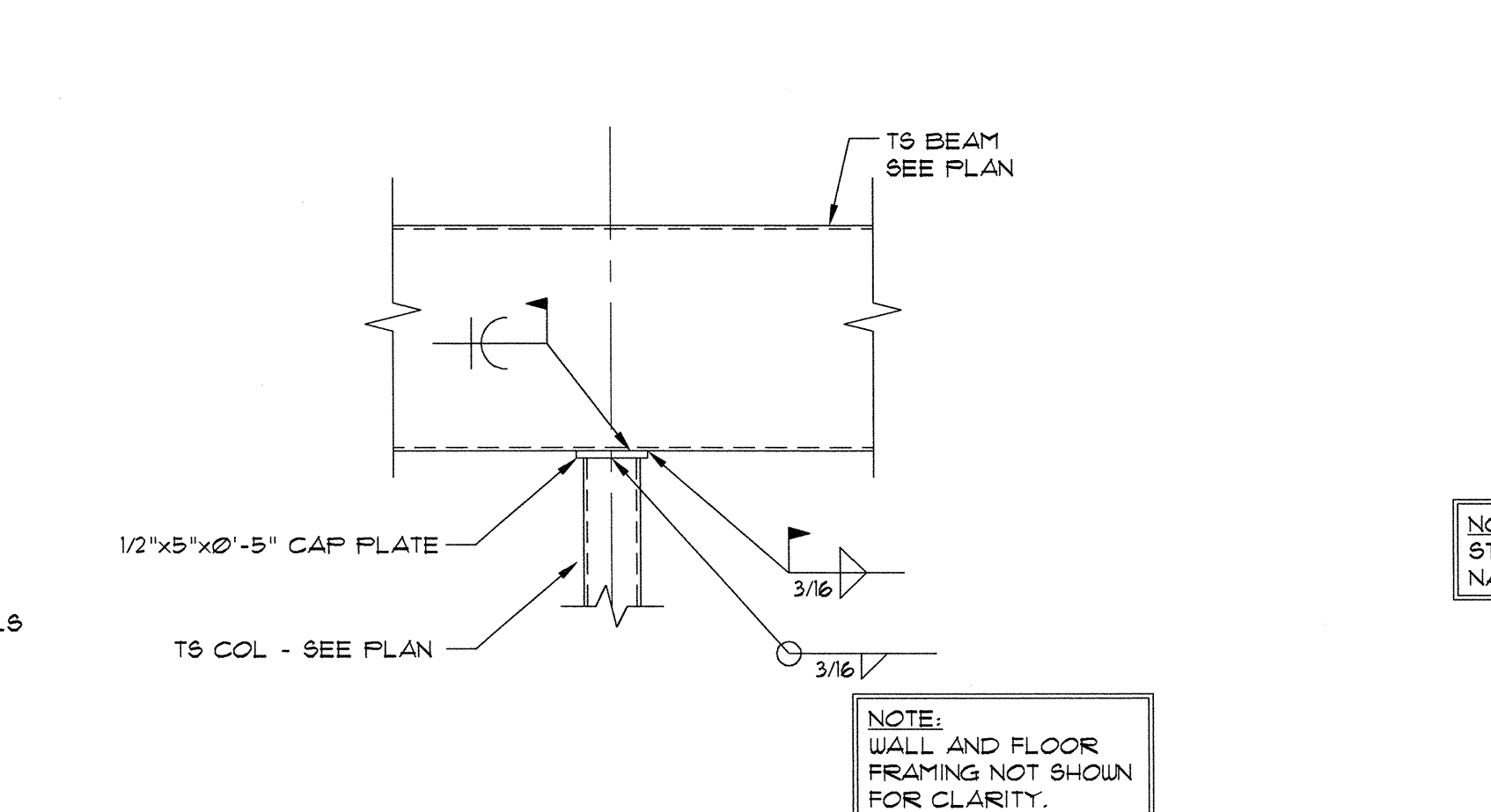
2 EXT. WALL @ BALCONY JOIST
SCALE: NTS



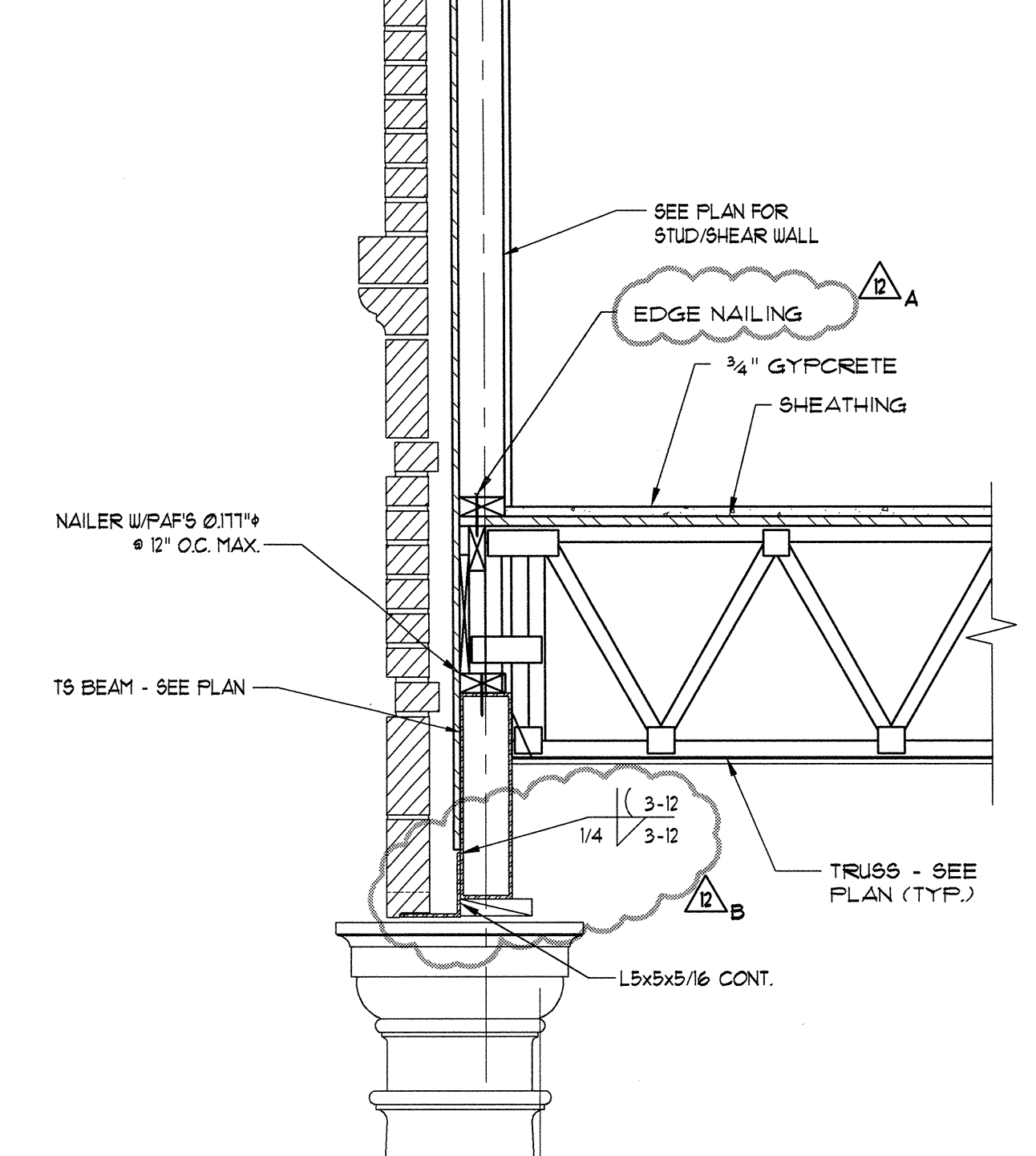
5 FRAMING @ STORAGE ROOMS
SCALE: NTS



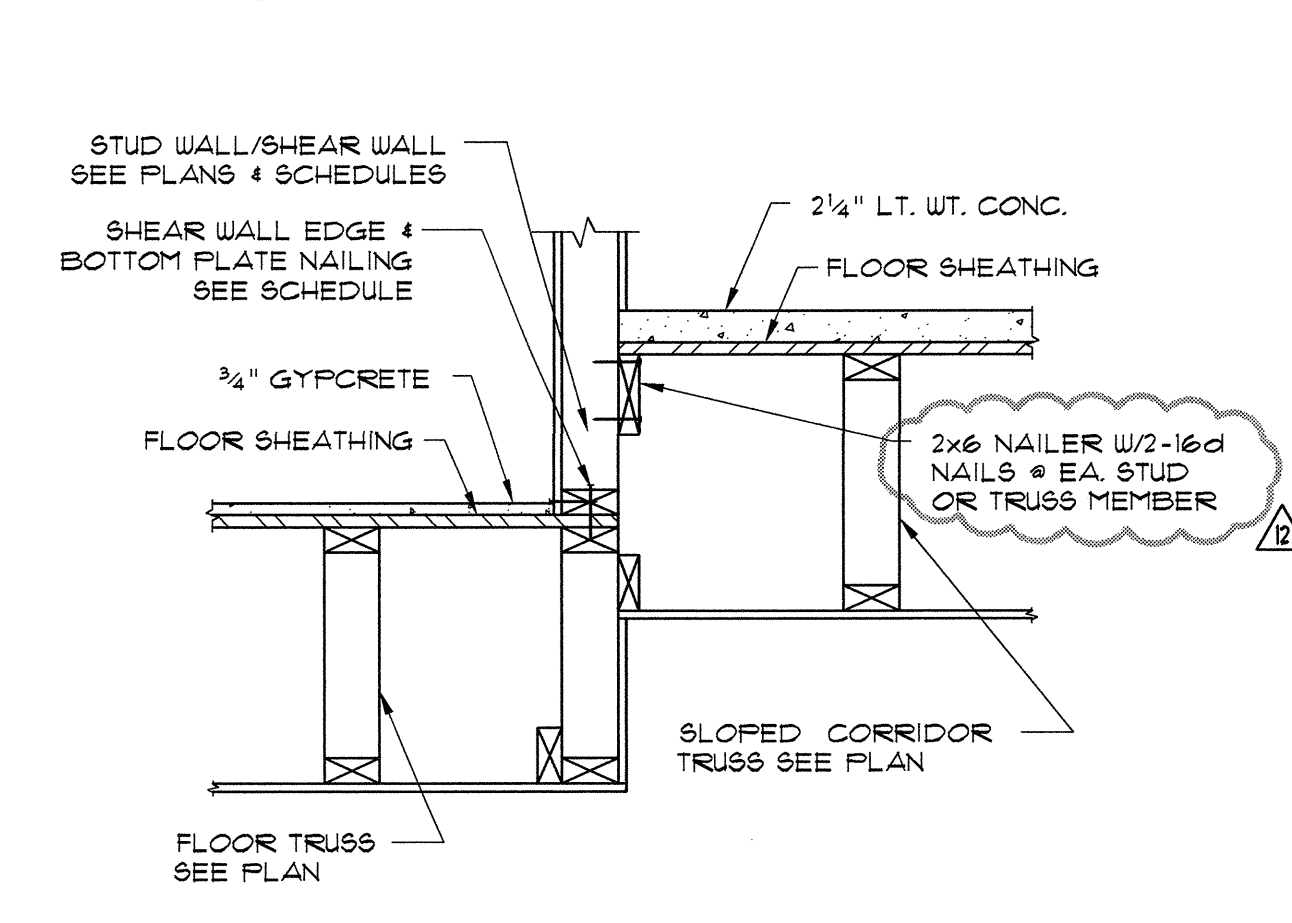
9 FRAMING @ STORAGE UNITS
SCALE: NTS



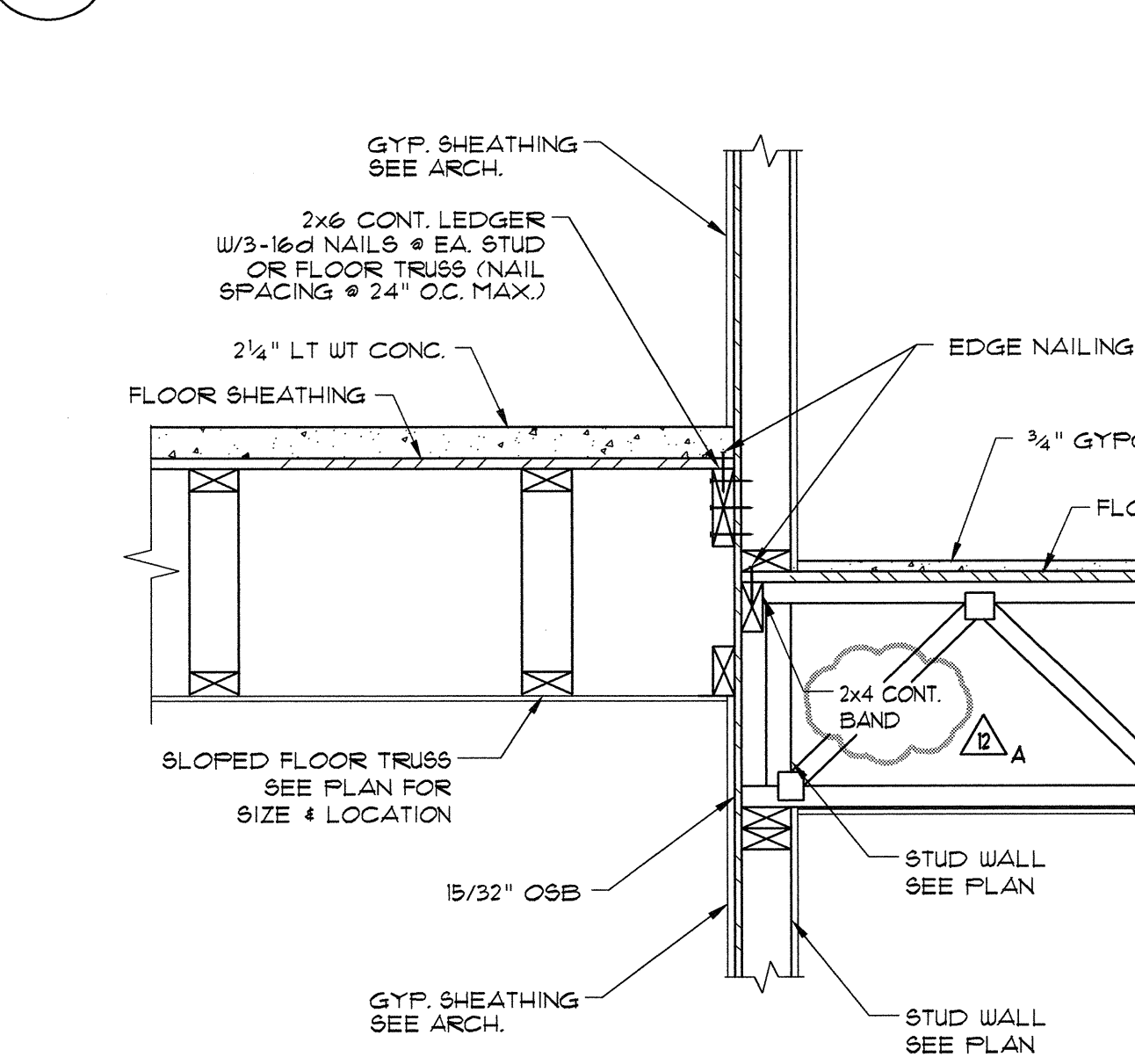
13 TS BEAM TO TS COL CONN
SCALE: NTS



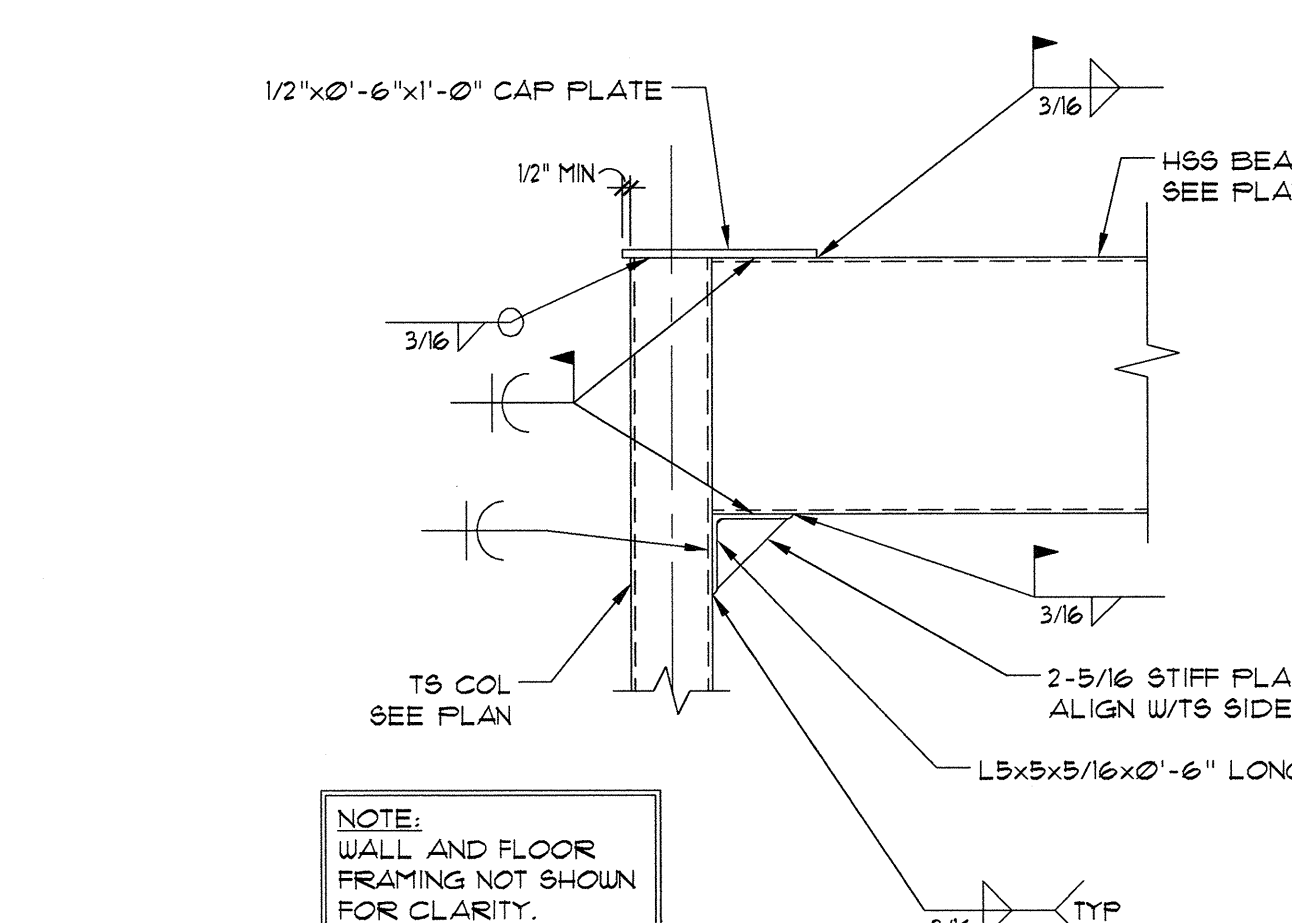
1 EXT. WALL @ FLOOR TRUSS BRG.
SCALE: NTS



4 FRAMING @ STORAGE/SLOPED CORRIDOR
SCALE: NTS



8 FRAMING @ SLOPED CORRIDOR AND UNIT
SCALE: NTS



12 HSS BEAM TO TS COL CONN
SCALE: NTS

REVISION #12 SUMMARY

- A. REVISED/ADDED NOTE
- B. REVISED ANGLE LOCATION & WELD SIZE
- C. REVISED TOPPING
- D. EDGE NAILING INDICATED
- E. REVISED ARROW LOCATION
- F. LINES FOR WALL ABOVE REMOVED

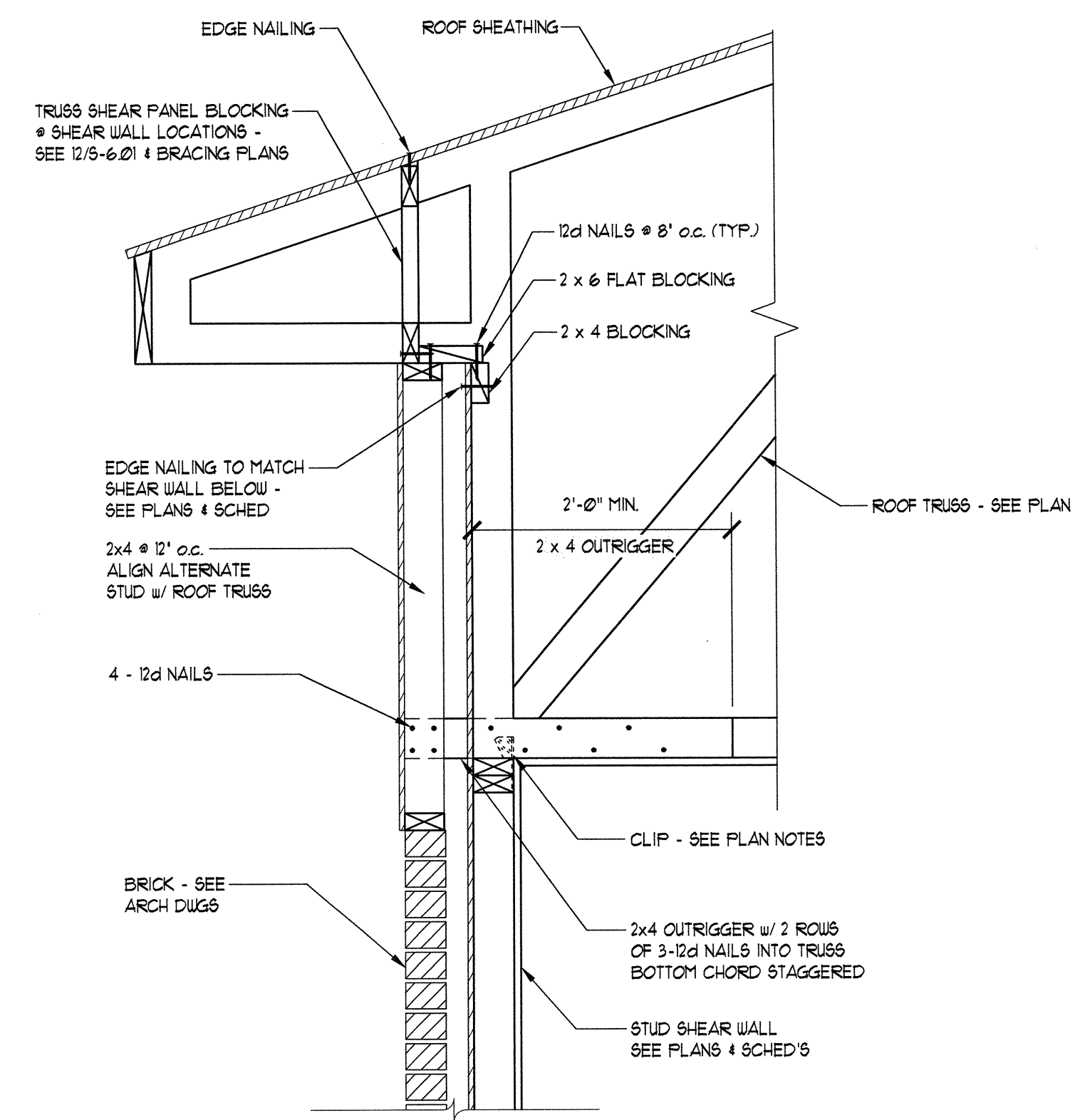
NOTE: WALL AND FLOOR FRAMING NOT SHOWN FOR CLARITY.

NOTE: WALL AND FLOOR FRAMING NOT SHOWN FOR CLARITY.

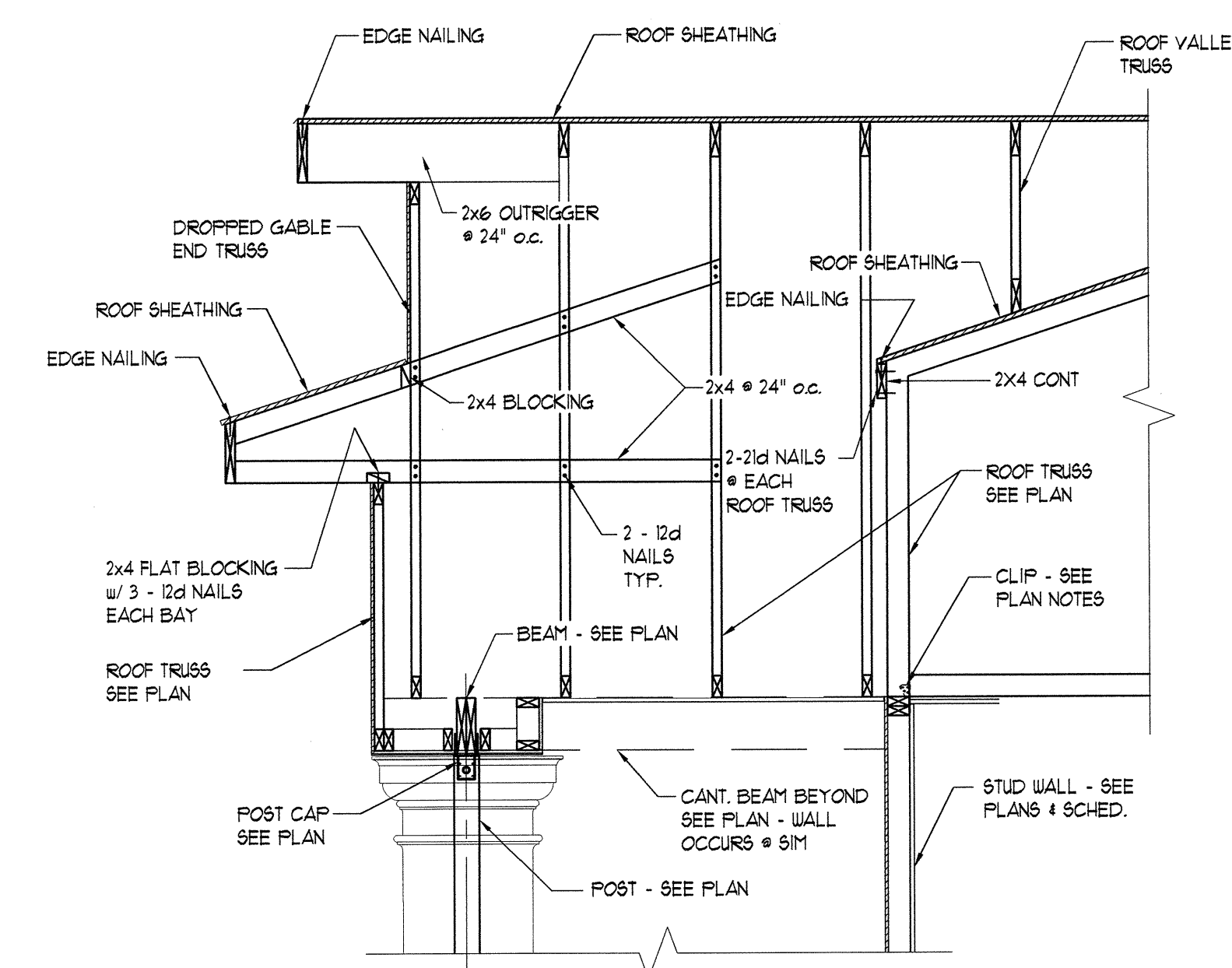
NOTE: STEEL DROP BEAM WITH NAILER AT SIMILAR

NOTE: WALL AND FLOOR FRAMING NOT SHOWN FOR CLARITY.

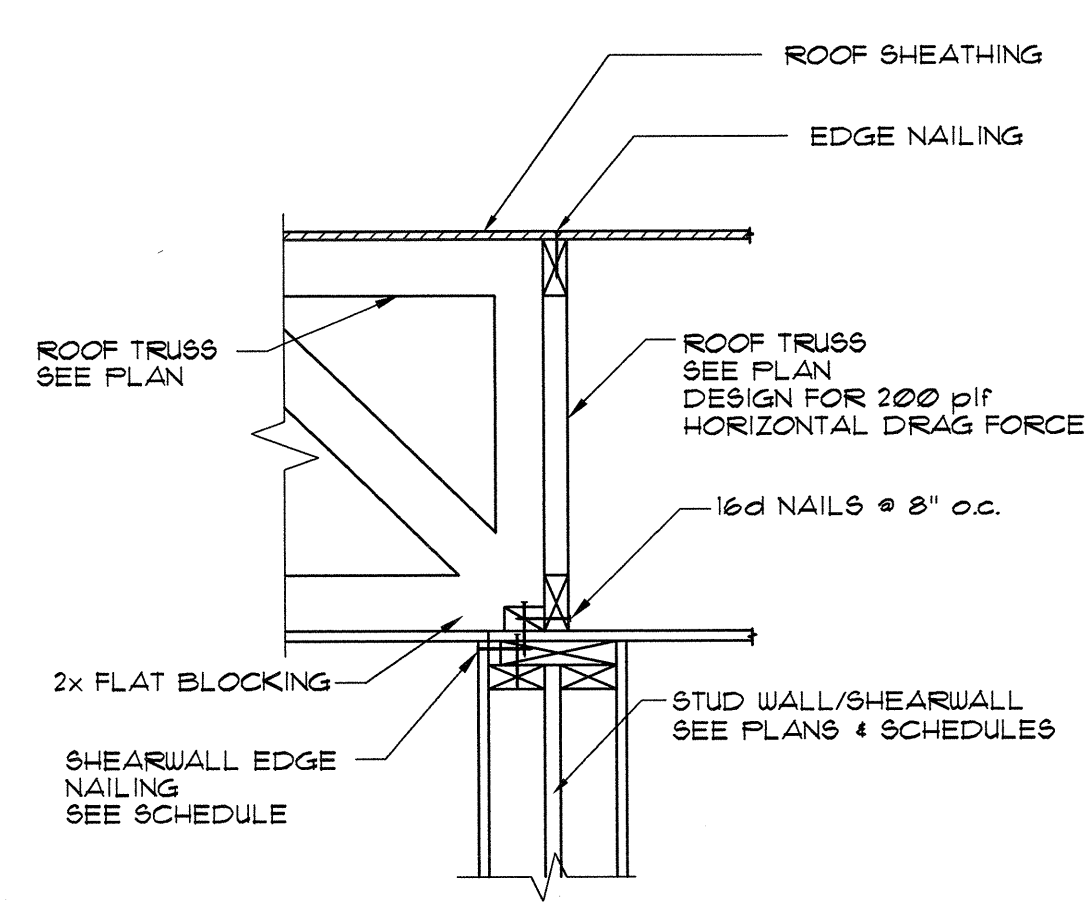
DRAWING: 10/27/2003 10:10:14 0211704603.rvt



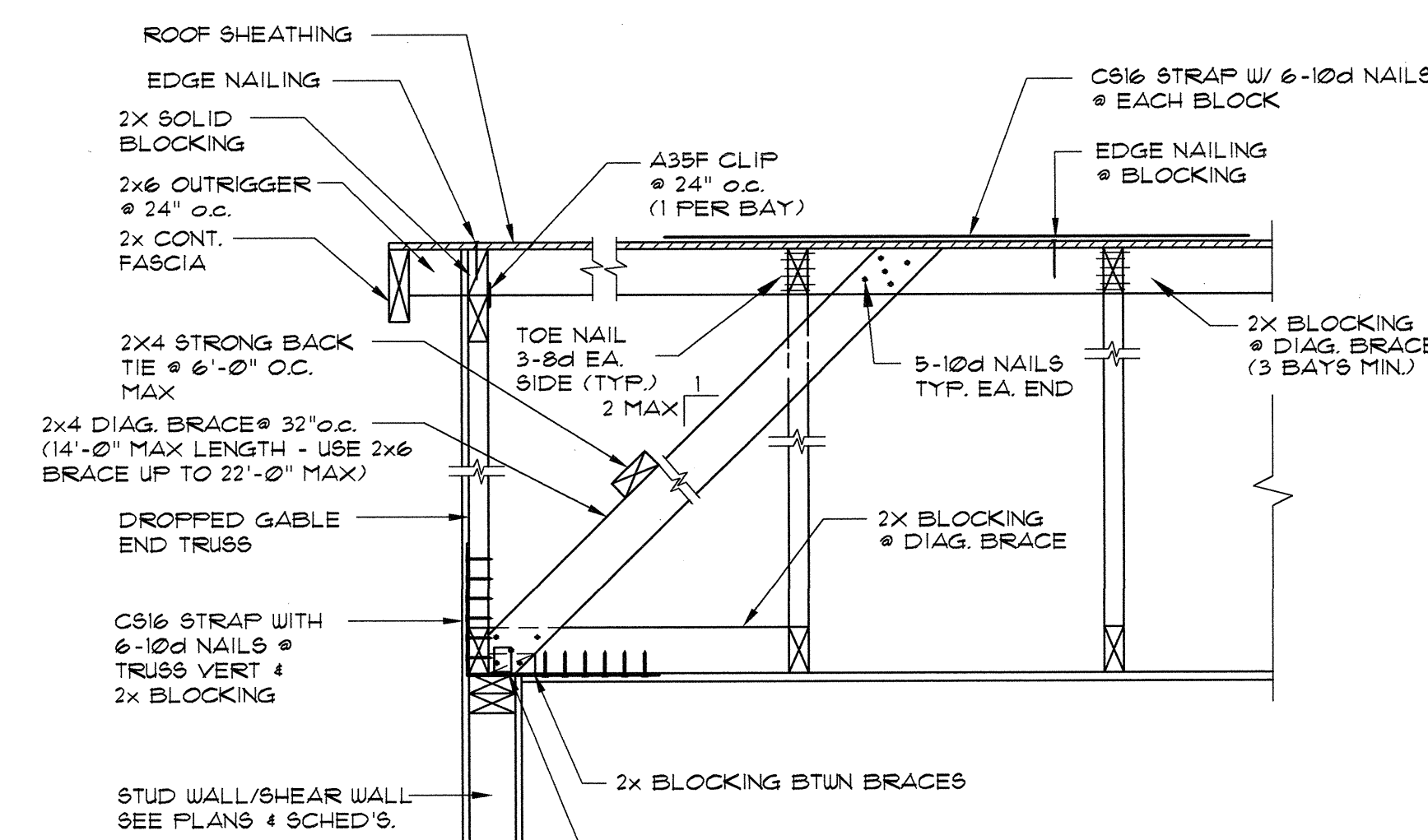
1 ROOF TRUSS BEARING @ EXTERIOR WALL
SCALE: N.T.S.



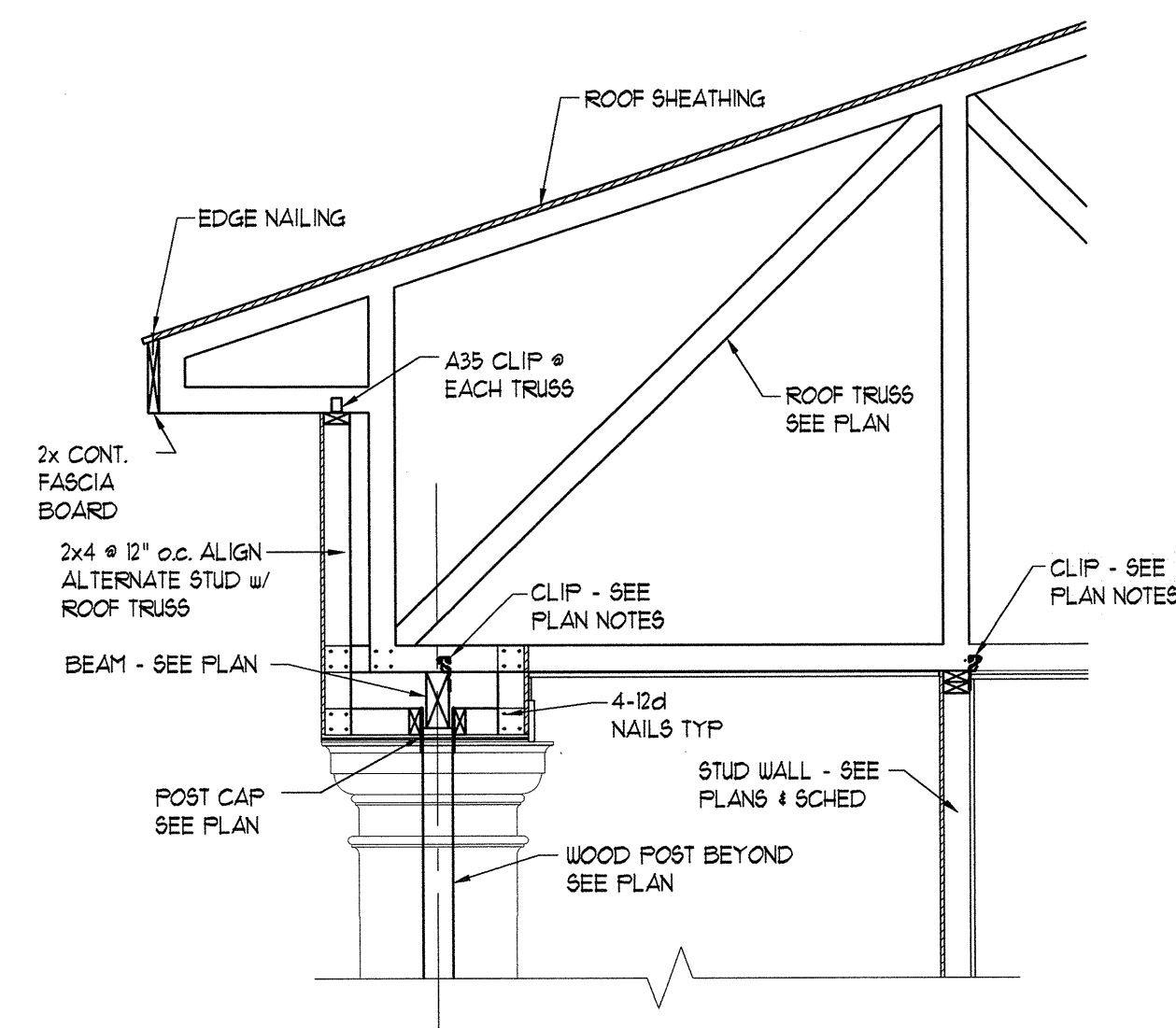
5 GABLE END AT BALCONY DETAIL
SCALE: N.T.S.



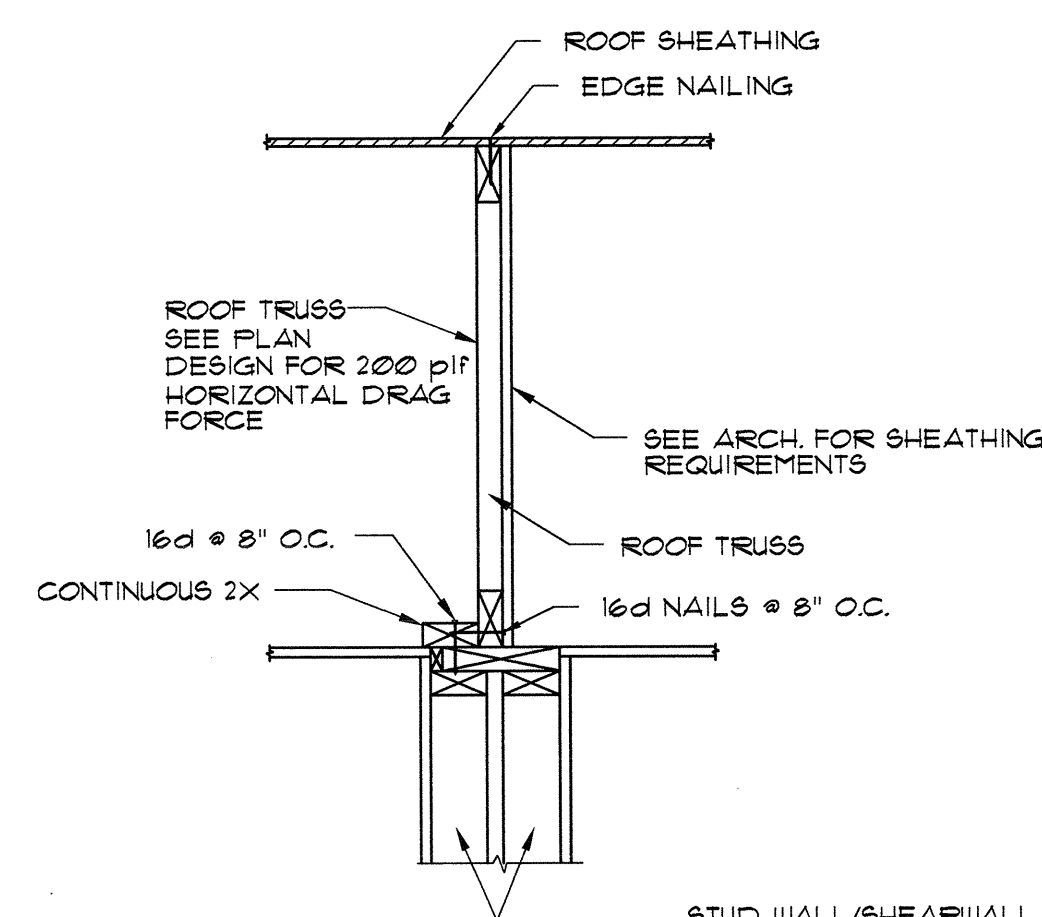
2 ROOF TRUSS ALONG SHEAR WALL
SCALE: 1"=1'-0"



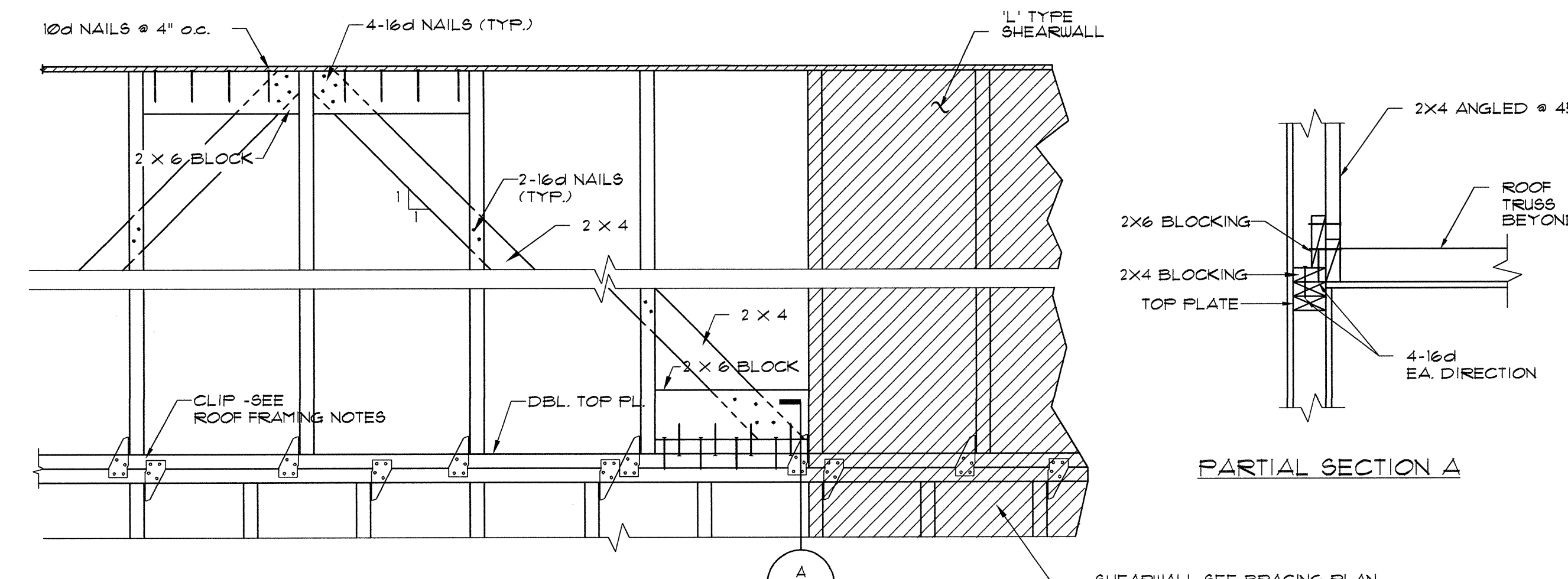
6 GABLE END DETAIL
SCALE: 1"=1'-0"



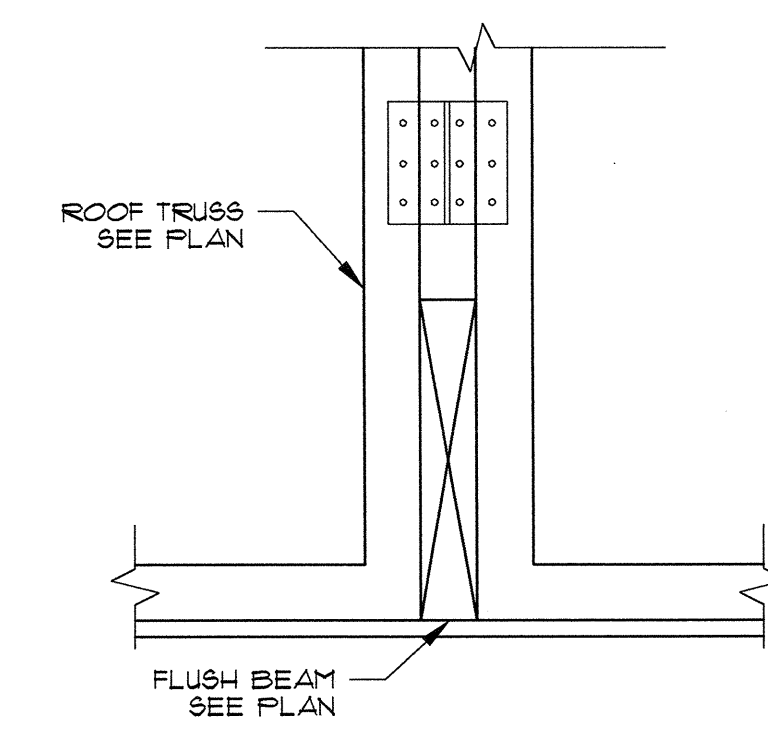
8 ROOF TRUSS BEARING @ BEAM
SCALE: N.T.S.



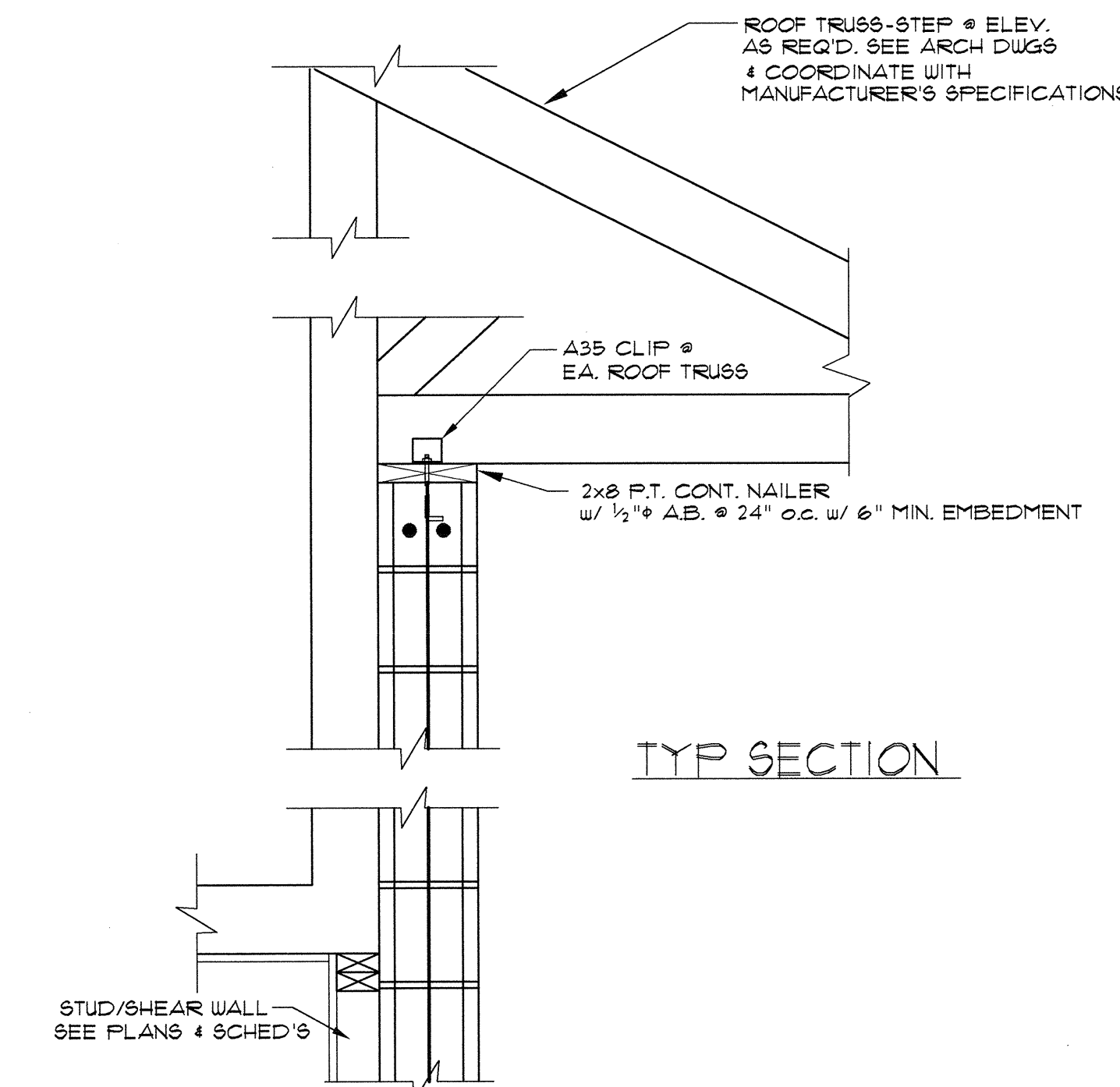
3 ROOF TRUSS @ PARTY WALL
SCALE: 1"=1'-0"



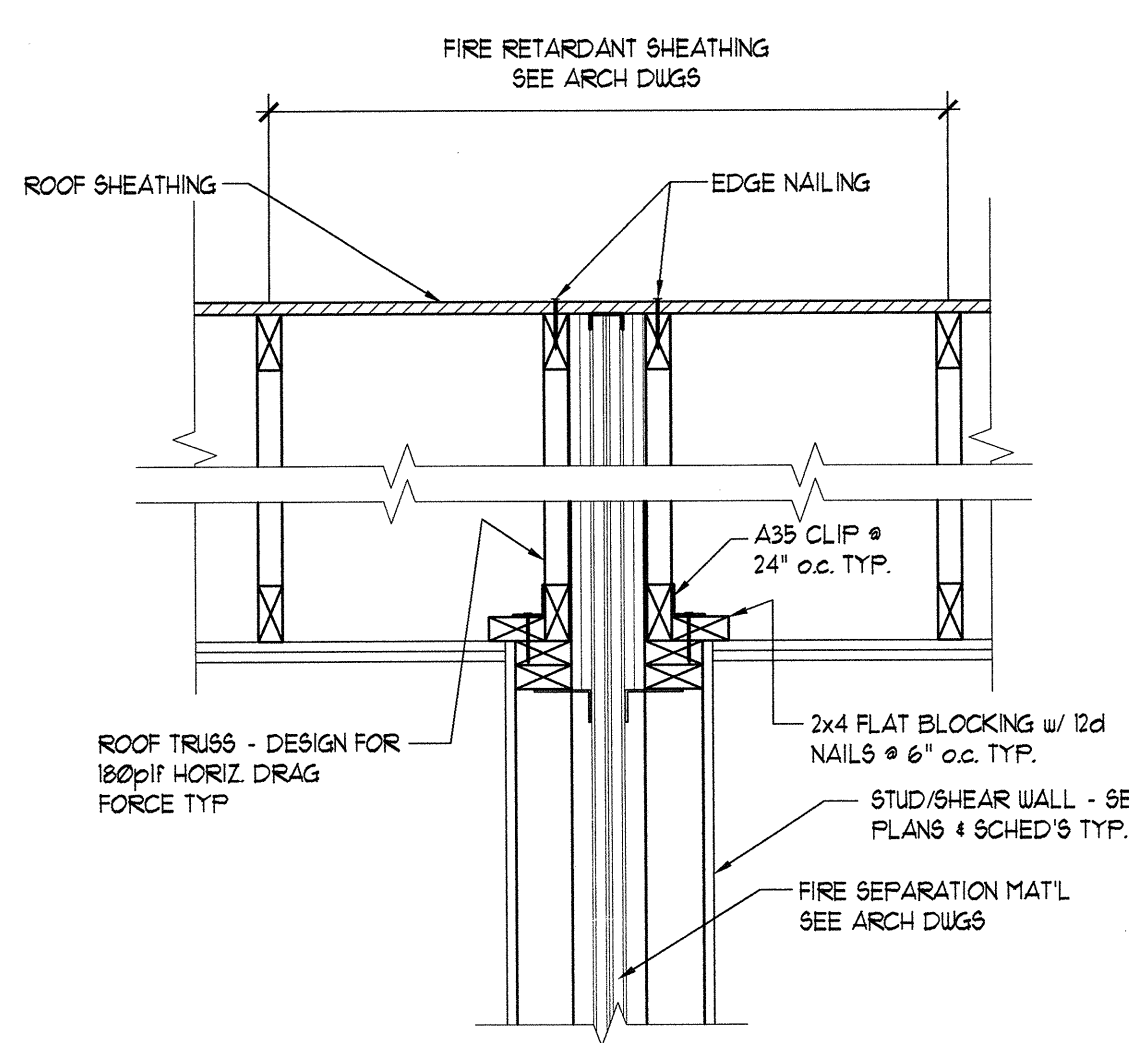
7 BRACING @ INTERIOR ROOF TRUSS BEARING LOCATIONS
SCALE: 1"=1'-0"



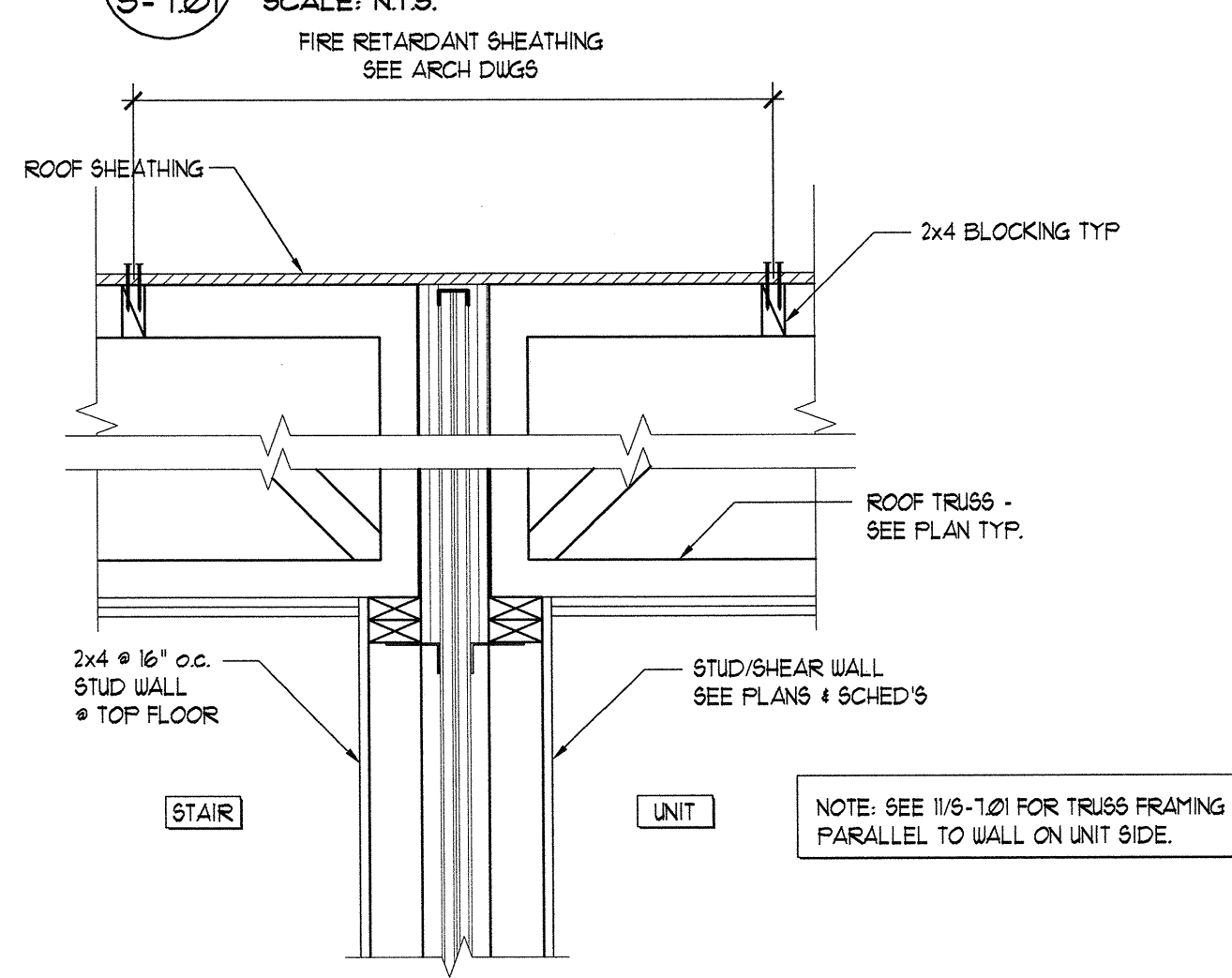
9 ROOF TRUSS BEARING @ FLUSH BEAM
SCALE: 1"=1'-0"



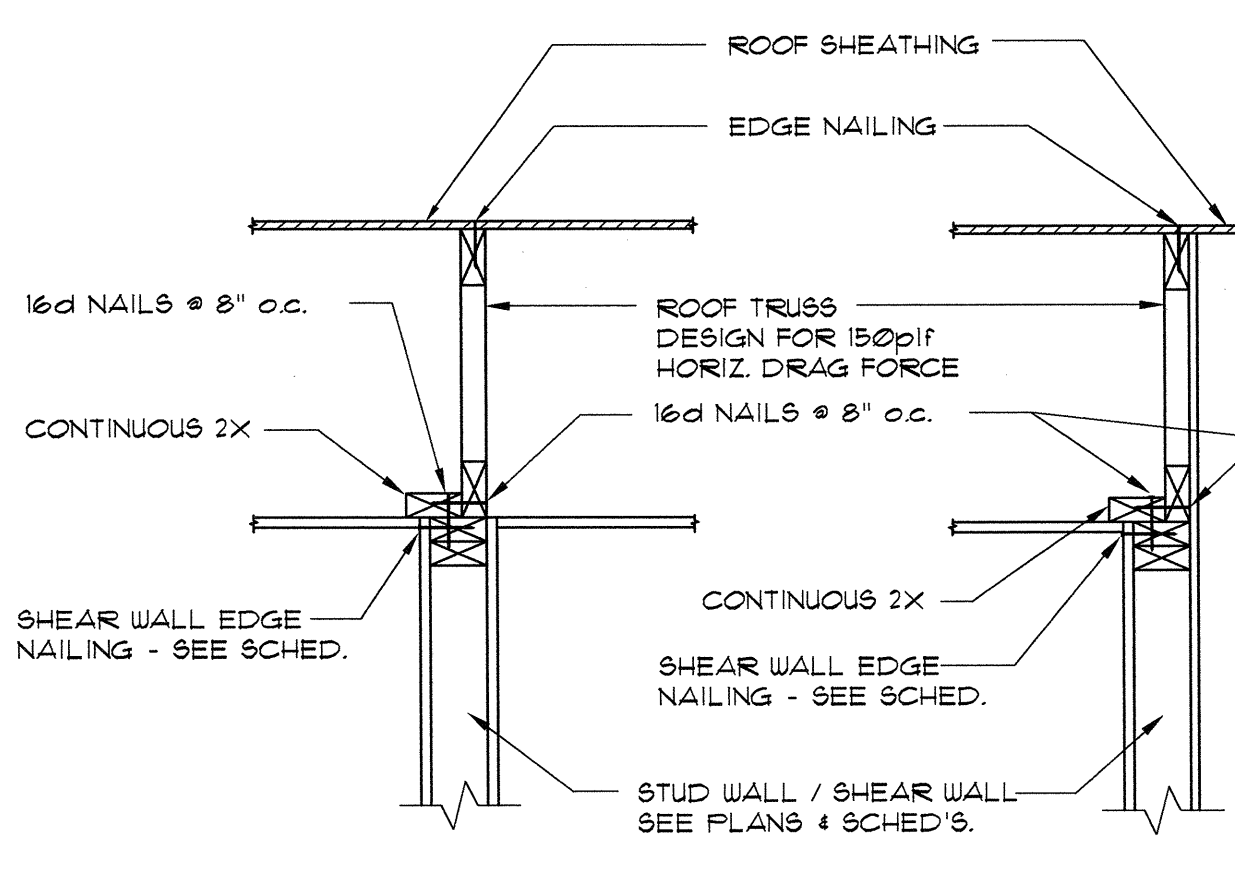
10 ROOF TRUSS @ CMU WALL
SCALE: 1"=1'-0"



11 ROOF TRUSS FRAMING @ FIRE SEPARATION WALL
SCALE: N.T.S.

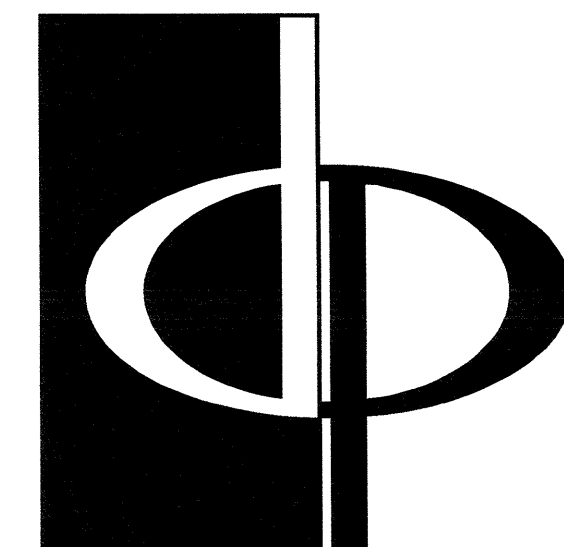


12 ROOF TRUSS BEARING @ FIRE SEPARATION WALL
SCALE: N.T.S.

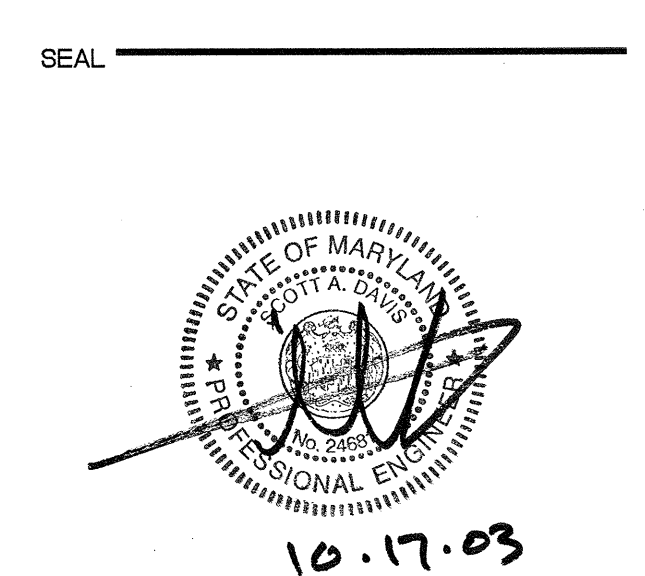


13 ROOF TRUSS @ SHEAR WALL
SCALE: N.T.S.

4 STAIR TOWER ROOF @ PRECAST WALLS
SCALE: 1"=1'-0"



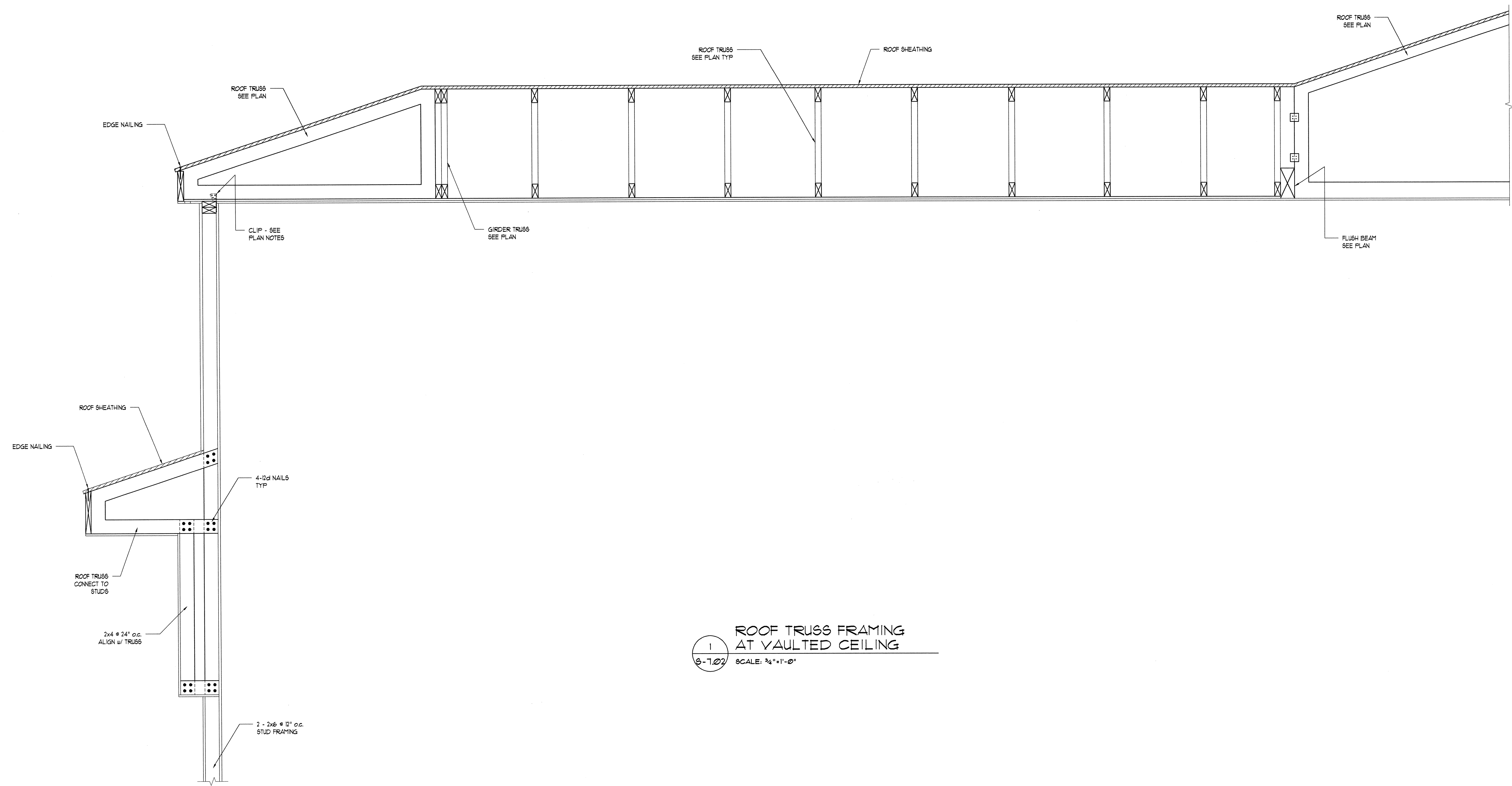
THE PRESTON PARTNERSHIP, LLC
A MULTI-DISCIPLINARY DESIGN FIRM
1000 ABERNATHY ROAD NE, SUITE 600
ATLANTA, GEORGIA 30328
TELEPHONE: 770 396 7248
FAX: 770 396 2945
WWW.THEPRESTONPARTNERSHIP.COM
CONSULTANT



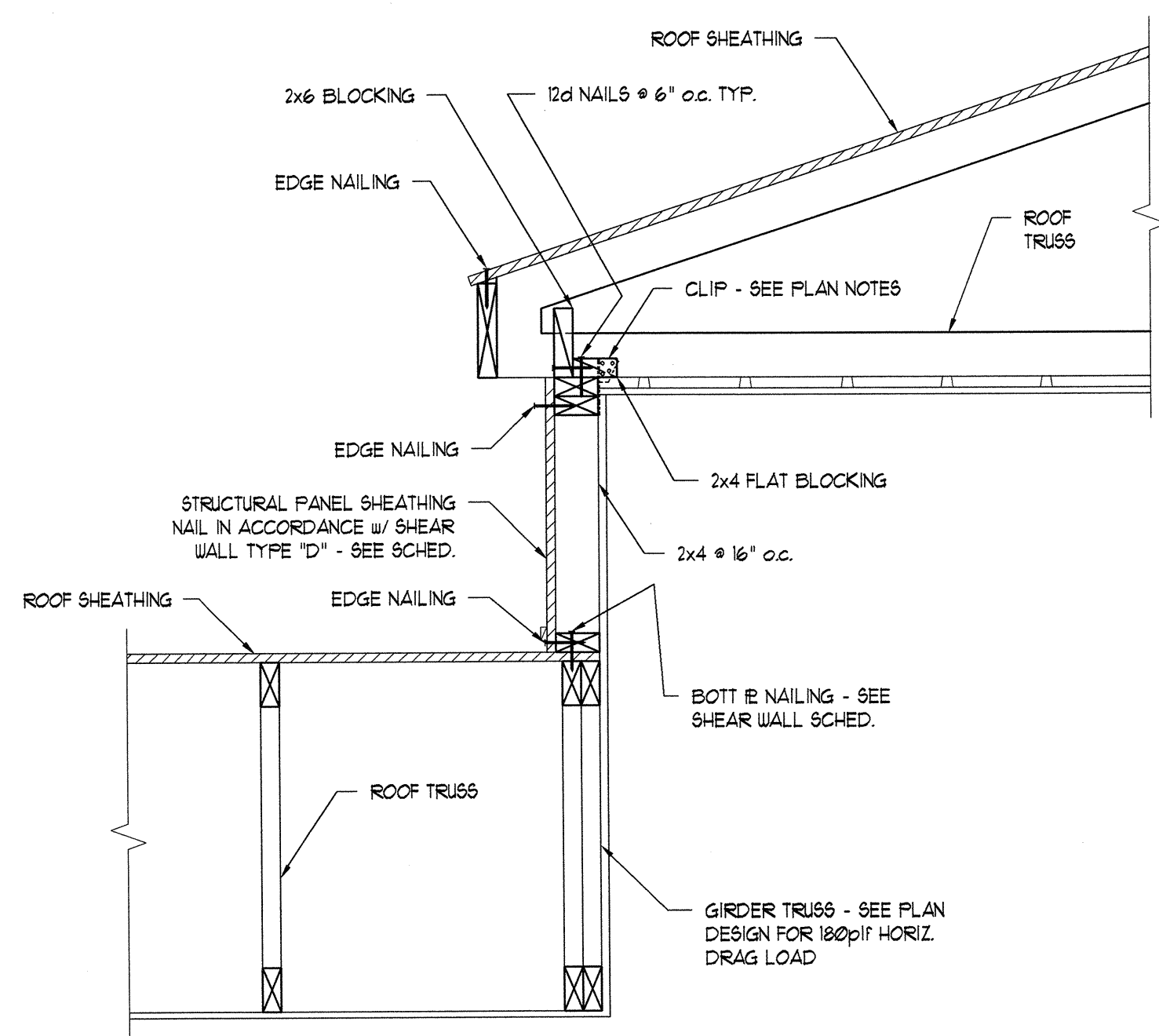
PROJECT
ARCHSTONE KENTLANDS
348 QUINCE ORCHARD ROAD
GAITHERSBURG, MARYLAND

FOR
ARCHSTONE COMMUNITIES
6631 OLD DOMINION DRIVE
MCLEAN, VIRGINIA 22101
703-883-3353

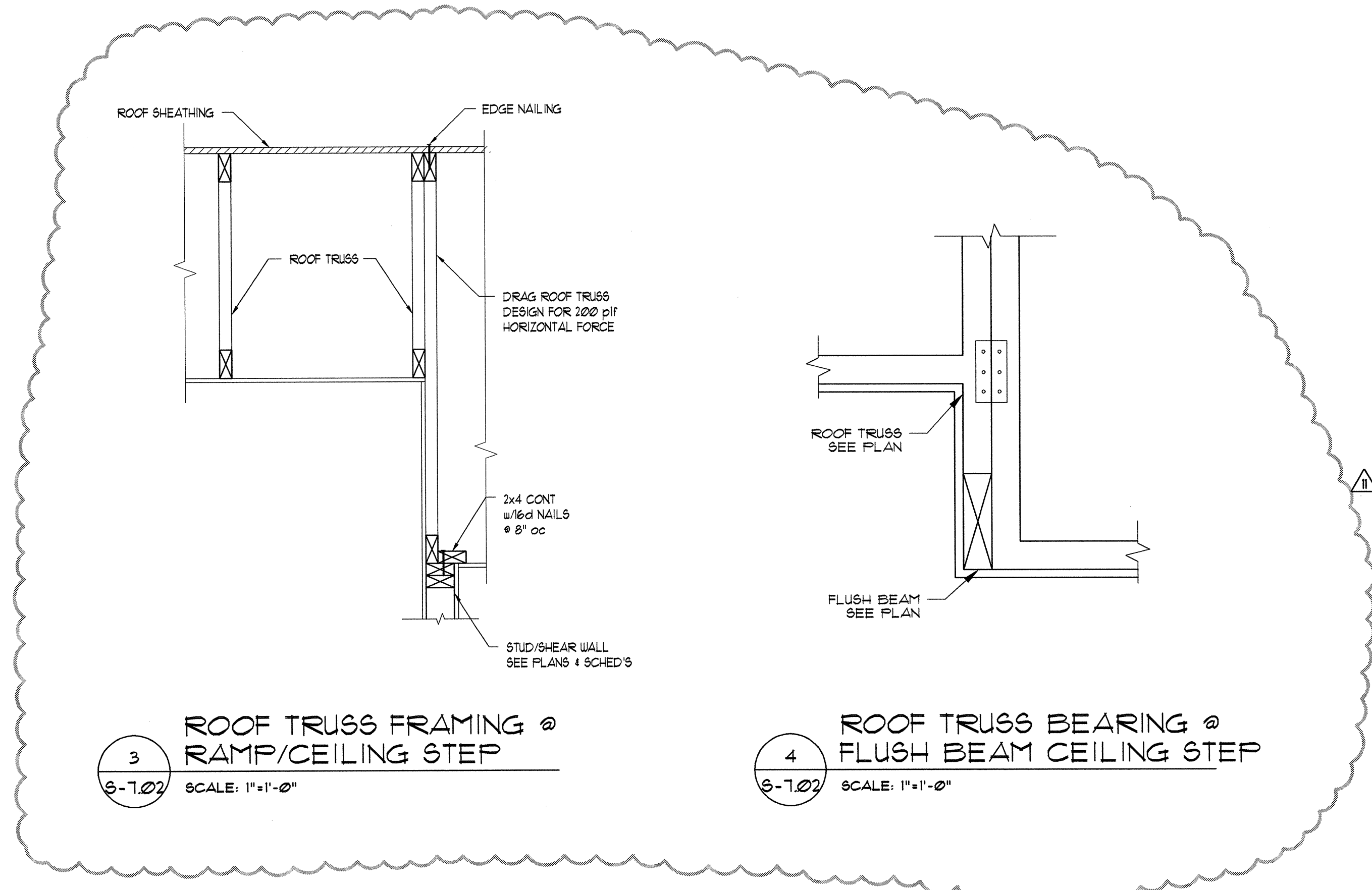
REVISIONS	
RELEASED FOR CONSTRUCTION	01/18/03
DATE	01/31/03
JOB NUMBER	021708
DRAWN BY	BTH
CHECKED BY	KM
DRAWING TITLE	ROOF FRAMING SECTIONS & DETAILS
DRAWING NUMBER	S-7.01
COMMENTS	



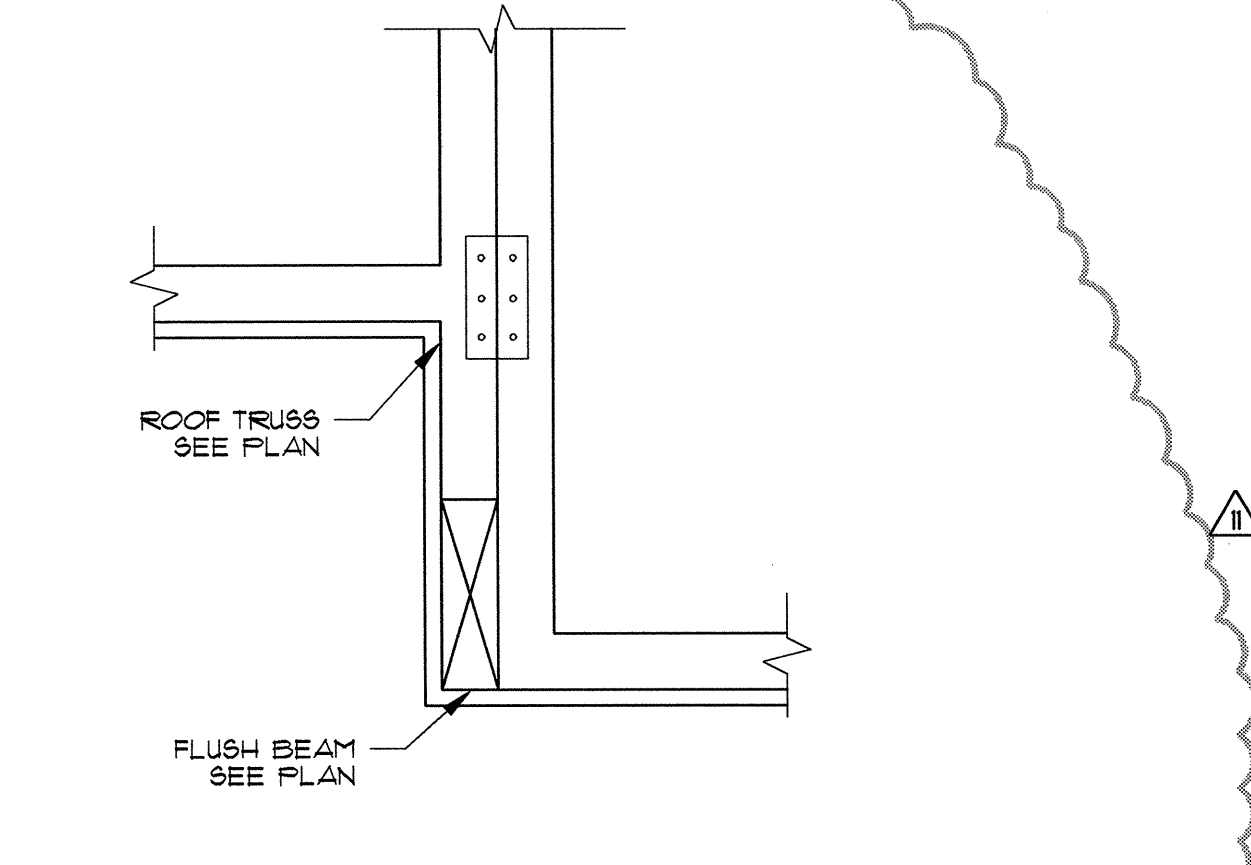
1
S-7.02 ROOF TRUSS FRAMING AT VAULTED CEILING
SCALE: 3/4"=1'-0"



2
S-7.02 ROOF TRUSS FRAMING @ DORMER
SCALE: 1"=1'-0"

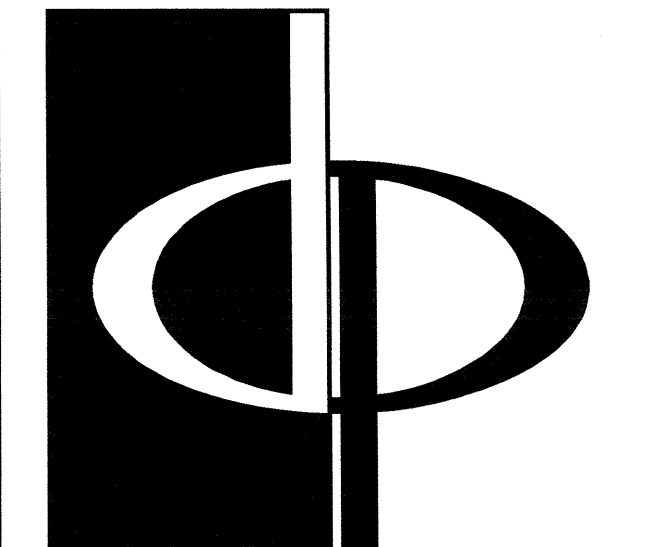


3
S-7.02 ROOF TRUSS FRAMING @ RAMP/CEILING STEP
SCALE: 1"=1'-0"

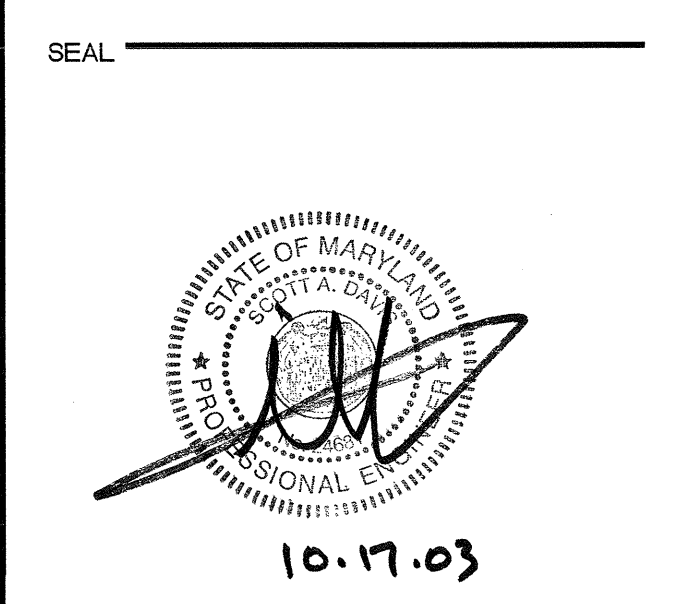


4
S-7.02 ROOF TRUSS BEARING @ FLUSH BEAM CEILING STEP
SCALE: 1"=1'-0"

REVISION #1 SUMMARY
A ADDED DETAILS



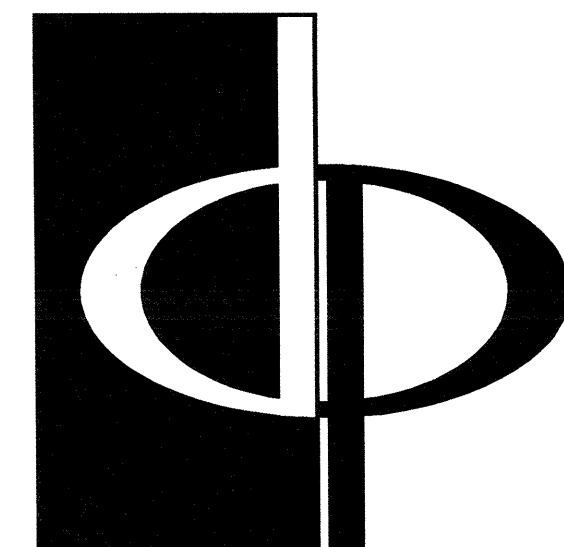
THE PRESTON PARTNERSHIP, LLC
A MULTI-DISCIPLINARY DESIGN FIRM
1000 ABERNATHY ROAD NE, SUITE 600
ATLANTA, GEORGIA 30328
TELEPHONE: 770 396 7248
FAX: 770 396 2945
WWW.THEPRESTONPARTNERSHIP.COM
CONSULTANT



PROJECT
ARCHSTONE
KENTLANDS
949 QUINCE ORCHARD ROAD
GAITHERSBURG, MARYLAND

FOR
ARCHSTONE
COMMUNITIES
6631 OLD DOMINION DRIVE
MCLEAN, VIRGINIA 22101
703-883-3353

REVISIONS	
RELEASED FOR CONSTRUCTION	01/31/03
CLUBHOUSE DESIGN	02/05/03
DATE	01/31/03
JOB NUMBER	0211708
DRAWN BY	TJ
CHECKED BY	KM
DRAWING TITLE	ROOF FRAMING SECTIONS & DETAILS
DRAWING NUMBER	S-7.02
COMMENTS	



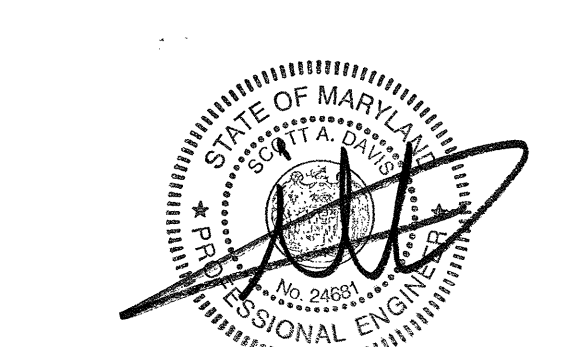
THE PRESTON PARTNERSHIP, LLC
A MULTI-DISCIPLINARY DESIGN FIRM

1000 ABERNATHY ROAD NE, SUITE 600
ATLANTA, GEORGIA 30328
TELEPHONE: 770 396 7248
FAX: 770 396 2945

WWW.THEPRESTONPARTNERSHIP.COM

CONSULTANT

SEAL

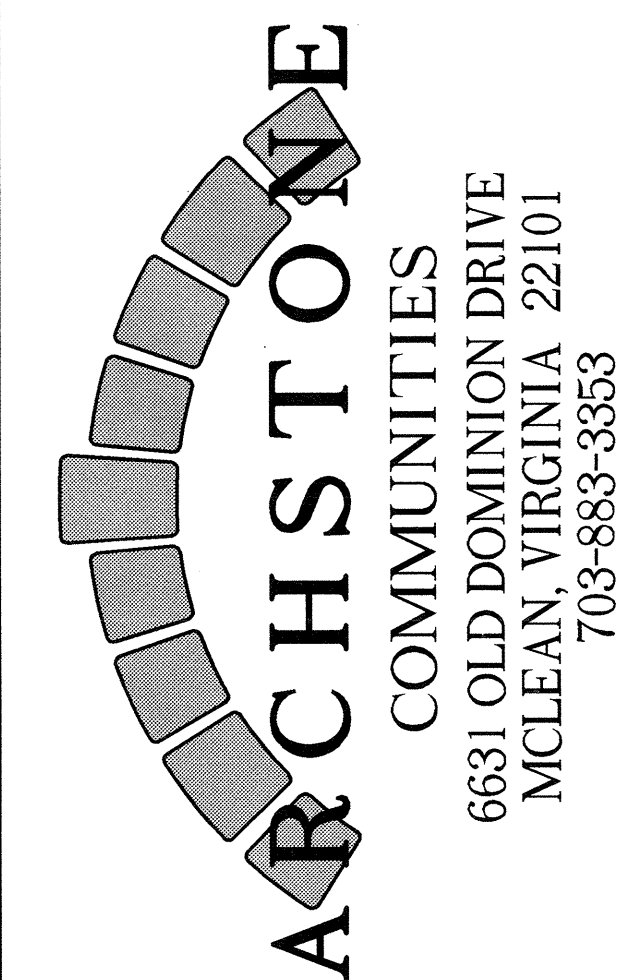


PROJECT

ARCHSTONE
KENTLANDS

349 QUINCE ORCHARD ROAD
GAITHERSBURG, MARYLAND

FOR



REVISED

RELEASED FOR CONSTRUCTION 01/31/03

DATE 01/31/03

JOB NUMBER 021702

DRAWN BY BTM

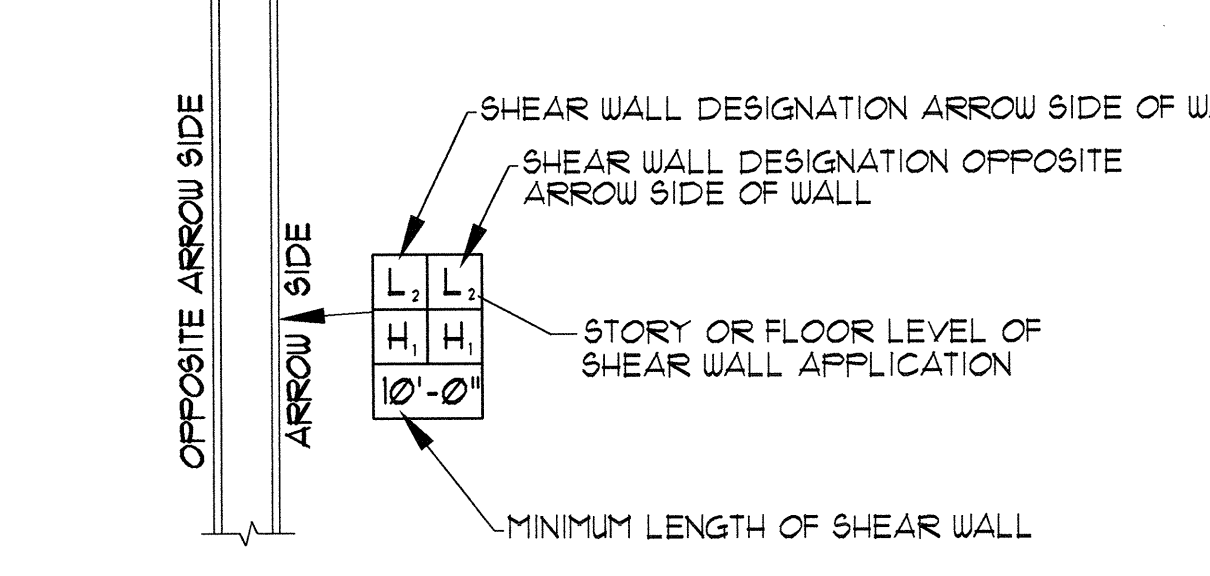
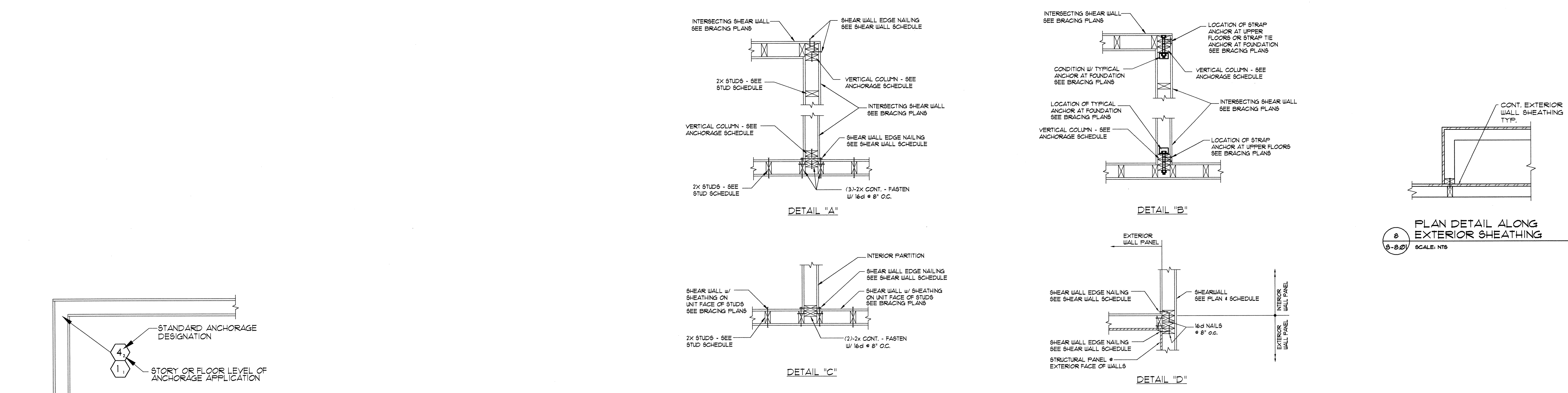
CHECKED BY BTM

DRAWING TITLE KM

SHEAR WALL & ANCHORAGE
SCHEDULES & DETAILS

DRAWING NUMBER S-8.01

COMMENTS



1 SHEAR WALL & ANCHORAGE LEGEND

Shear Wall Type	Sheathing	Edge Nailing (2' x 14) (15)	Field Nailing (2' x 14) (15)	Blocked Panel Edges	Base Plate Nailing	Base Plate Anchorage Type		
						Recommended	Alternate	HILTI® DS 62 F10 PINS
A ⁽¹⁾	15/32" PLYWOOD OR OSB.	10d @ 2' oc	10d @ 2' oc	YES	2' oc	1/2" x 16" oc	1/2" x 2 1/4" EMBED @ 18"	-
B	1/2" INCH GYPSUM WALLBOARD OR 1/2" INCH GYPSUM SHEATHING	10d @ 3' oc	10d @ 12' oc	YES	3' oc	1/2" x 20" oc	1/2" x 2 1/4" EMBED @ 24"	-
C	1/2" INCH GYPSUM WALLBOARD OR 1/2" INCH GYPSUM SHEATHING	8d @ 4' oc	8d @ 12' oc	YES	4' oc	1/2" x 16" oc	1/2" x 2 1/4" EMBED @ 40"	-
D	*	8d @ 6' oc	8d @ 12' oc	YES	6' oc	1/2" x 24" oc	1/2" x 2 1/4" EMBED @ 48"	-
E	*	5d @ 7' oc	5d @ 7' oc	NO	16" oc ⁽⁶⁾	1/2" x 48" oc	1/2" x 2 1/4" EMBED @ 48"	16" oc ⁽⁶⁾
F	*	8d @ 4' oc	8d @ 4' oc	NO	12" oc ⁽⁶⁾	1/2" x 48" oc ⁽⁴⁾	1/2" x 2 1/4" EMBED @ 48"	10" oc ⁽⁶⁾
G	*	5d @ 4' oc	5d @ 4' oc	YES	12" oc ⁽⁶⁾	1/2" x 48" oc ⁽⁴⁾	1/2" x 2 1/4" EMBED @ 48"	10" oc ⁽⁶⁾
H	*	8d @ 4' oc	8d @ 4' oc	YES	10" oc ⁽⁶⁾	1/2" x 48" oc ⁽⁴⁾	1/2" x 2 1/4" EMBED @ 48"	8" oc ⁽⁶⁾
J	*	8d @ 4' oc	8d @ 4' oc	NO	14" oc ⁽⁶⁾	1/2" x 48" oc ⁽⁴⁾	1/2" x 2 1/4" EMBED @ 48"	12" oc ⁽⁶⁾
L	*	8d @ 7' oc	8d @ 7' oc	NO	15" oc ⁽⁶⁾	1/2" x 48" oc ⁽⁴⁾	1/2" x 2 1/4" EMBED @ 48"	16" oc ⁽⁶⁾

FOOTNOTES:
 (1) FRAMING AT ADJOINING PANEL EDGES SHALL BE 3" NOMINAL OR WIDER AND NAILS SHALL BE STAGGERED.
 (2) NAIL REQUIREMENT: INTERIOR 1/2" GYPSUM REQUIRES 5d COOLER NAILS (0.026" x 1 1/2" LONG, 15/64" HEAD) OR WALLBOARD NAILS (0.025" x 1 1/2" LONG, 15/64" HEAD).
 (3) NAIL REQUIREMENT: INTERIOR 1/2" GYPSUM REQUIRES 6d COOLER NAILS (0.025" x 1 1/2" LONG, 15/64" HEAD).
 (4) NAIL REQUIREMENT: EXTERIOR GYPSUM SHALL BE FASTENED WITH 1" LONG 10d HEAD DIAMOND POINT, GALVANIZED NAILS IN PLACE OF 5d OR 6d COOLER NAILS.
 (5) NAIL REQUIREMENT: ALL EXTERIOR SHEATHING SHALL BE FASTENED WITH CORROSION RESISTANT NAILS.
 (6) REDUCE SPACING BY 1/2" WHEN SHEATHING TYPES ARE SPECIFIED ON BOTH SIDES OF WALL.

2 SHEAR WALL SCHEDULE

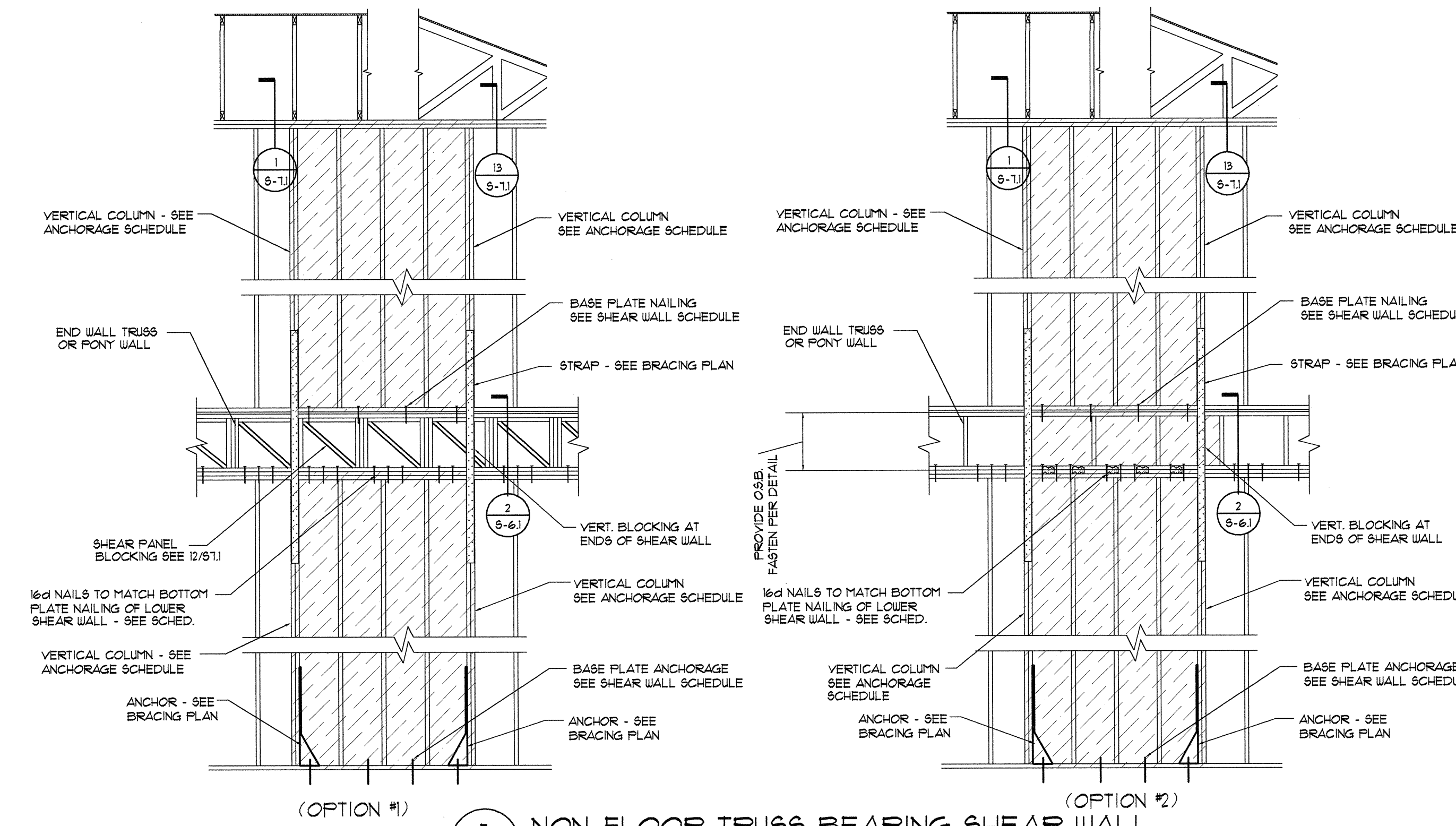
Anchor Designation	Anchor Type ⁽¹⁾	Vertical Column Requirements at Ends of Shearwall ⁽²⁾	Anchor to Vertical Wood Member - Connection Requirements	Foundation Anchorage Requirement		
				Recommended Headed Anchor Bolt	Expansion Anchor Bolt ⁽³⁾	Epoxy Anchor Bolt ⁽⁴⁾
4	L-C516	(2) 2x4 (MIN)	2B - 8d	-	-	-
5	L-C516	(2) 2x4 (MIN)	5B - 8d	-	-	-
6	L-H516E	(2) 2x4 (MIN)	4B - 16d	-	-	-
8	L-H516E	4x6 NOMINAL POST (MIN)	92 - 16d	-	-	-
10	L-T119	(2) 2x4 (MIN)	8 - 16d SINKER	1/2" x 1" MIN EMBED	1/2" x 6" MIN EMBED	3/8" x 6" MIN EMBED
11	L-T120B	(2) 2x4 (MIN)	10 - 16d	1/2" x 1" MIN EMBED	1/2" x 6" MIN EMBED	3/8" x 6" MIN EMBED
12	H-T16	(2) 2x4 (MIN)	18 - 16d	1/2" x 1" MIN EMBED	1/2" x 1" MIN EMBED	3/8" x 6" MIN EMBED
13	H-T22	(2) 2x4 (MIN)	32 - 16d SINKER	1/2" x 1" MIN EMBED	-	3/8" x 1 1/2" MIN EMBED
14	F-PD6	(2) 2x4 (MIN)	18 - WOOD SCREWS	1/2" x 1" MIN EMBED	-	3/8" x 1 1/2" MIN EMBED
15	F-PD6	(2) 2x4 (MIN)	24 - WOOD SCREWS	1/2" x 1" MIN EMBED	-	1/2" x 1" MIN EMBED
16	H-D6A	(3) 2x4 or (2) 2x6 (MIN)	3 - 1/2" BOLTS	1/2" x 1" MIN EMBED	-	1/2" x 9" MIN EMBED
17	H-D10A	(3) 2x4 or (2) 2x6 (MIN)	4 - 1/2" BOLTS	1/2" x 1" MIN EMBED	-	1/2" x 9" MIN EMBED
18 ⁽⁵⁾	H-D14A	4x6 NOMINAL POST (MIN)	4 - 1 1/2" BOLTS	1 1/2" x 1" MIN EMBED	-	1 1/2" x 12" MIN EMBED
19 ⁽⁵⁾	H-D15	6x6 NOMINAL POST (MIN)	5 - 1 1/2" BOLTS	1 1/2" x 1" MIN EMBED	-	1 1/2" x 12" MIN EMBED

FOOTNOTES:
 (1) ANCHOR TYPE REFERS TO SIMPSON STRONG TIE® HARDWARE SPECIFICATIONS.
 (2) N/A.
 (3) HD14A REQUIRES A 3/8" x 1/2" THICK WASHER.
 (4) HD15 REQUIRES A 3/8" x 1/2" THICK WASHER.
 (5) N/A.
 (6) EXPANSION ANCHORS SHALL BE HILTI® KWIK BOLT II AND REQUIRE A MINIMUM CONCRETE EDGE DISTANCE OF 10X THE DIAMETER OF THE ANCHOR.
 (7) EPOXY ANCHORS SHALL BE SIMPSON® ET22, HILTI® HVA, OR RAMSBET® EPCON AND REQUIRE A MINIMUM CONCRETE EDGE DISTANCE OF 14X THE DIAMETER OF THE ANCHOR.
 (8) ALL WOOD VERTICAL COLUMN MEMBERS SHALL BE FASTENED TOGETHER WITH 16d NAILS @ 8" O.C. MIN. STAGGERED.

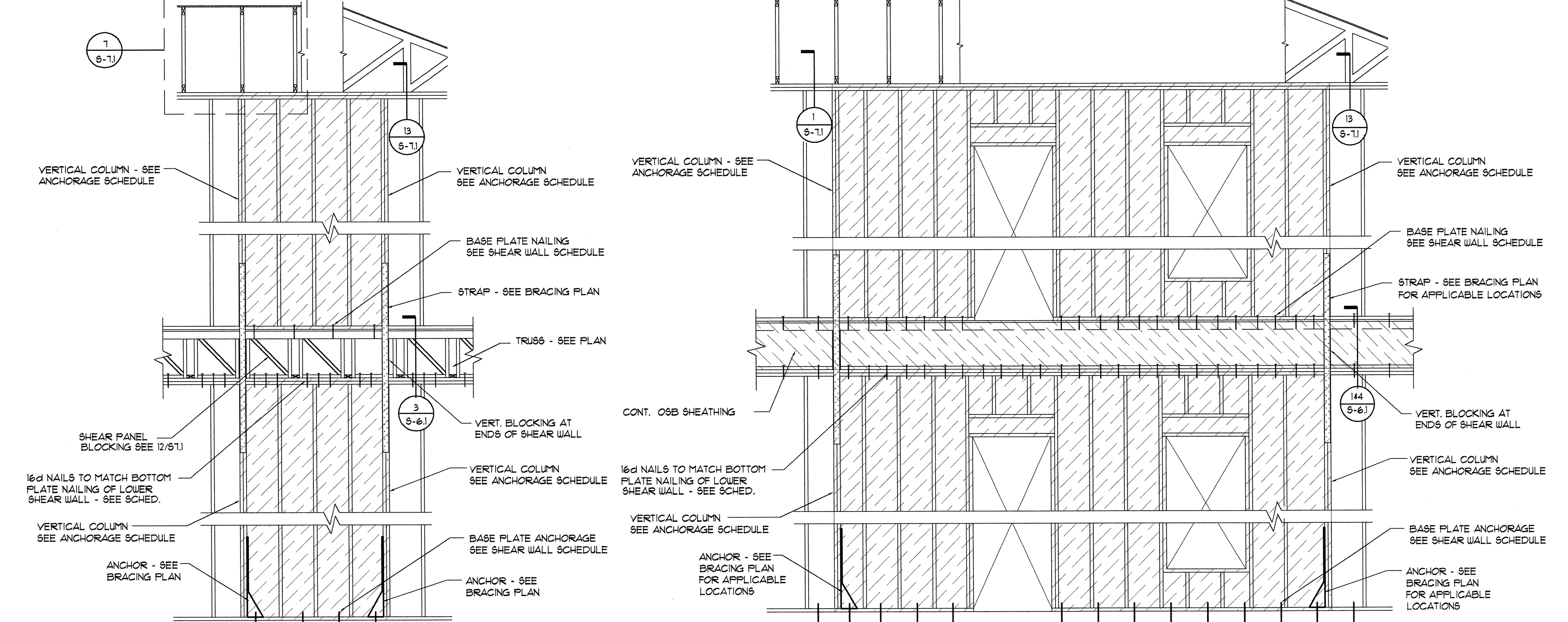
3 SHEAR WALL ANCHORAGE SCHEDULE

SHEAR WALL NOTES:
 (1) IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE SPECIFIED MATERIALS AND TO INSURE PROPER INSTALLATION IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND IN COMPLIANCE WITH ALL APPLICABLE BUILDING CODES.
 (2) IF REQUIRED, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE SPECIAL INSPECTION.
 (3) SUBSTITUTION OF THE SPECIFIED MATERIALS OR HARDWARE MUST BE APPROVED BY THE ENGINEER OF RECORD PRIOR TO INSTALLATION.
 (4) SHEAR WALL FRAMING SHALL CONSIST OF WOOD STUDS @ 16" O.C. MAXIMUM - SEE STUD SCHEDULE FOR EXACT SIZE AND SPACING.

4 FRAMING & ANCHORAGE @ SHEARWALL INTERSECTION

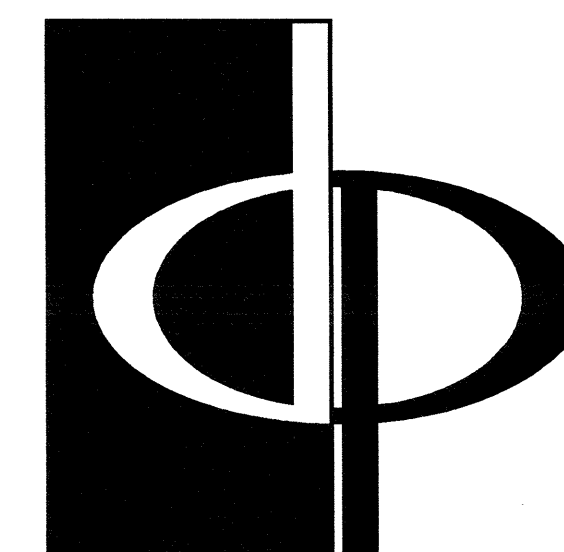


5 NON-FLOOR TRUSS BEARING SHEAR WALL



6 LOAD BEARING INTERIOR SHEAR WALL

7 EXTERIOR SHEAR WALL w/ OPENINGS



THE PRESTON PARTNERSHIP, LLC
A MULTI-DISCIPLINARY DESIGN FIRM

1000 ABERNATHY ROAD NE, SUITE 600
ATLANTA, GEORGIA 30328
TELEPHONE: 770 396 7248
FAX: 770 396 2945

WWW.THEPRESTONPARTNERSHIP.COM

CONSULTANT

SEAL



6-17-03

PROJECT

ARCHSTONE
KENTLANDS

949 QUINCE ORCHARD ROAD
GAITHERSBURG, MARYLAND

FOR

ARCHSTONE
COMMUNITIES
6631 OLD DOMINION DRIVE
MCLEAN, VIRGINIA 22101
703-883-3353

REVISIONS

RELEASED FOR CONSTRUCTION 07/18/03

DATE 01/31/03

JOB NUMBER 021108

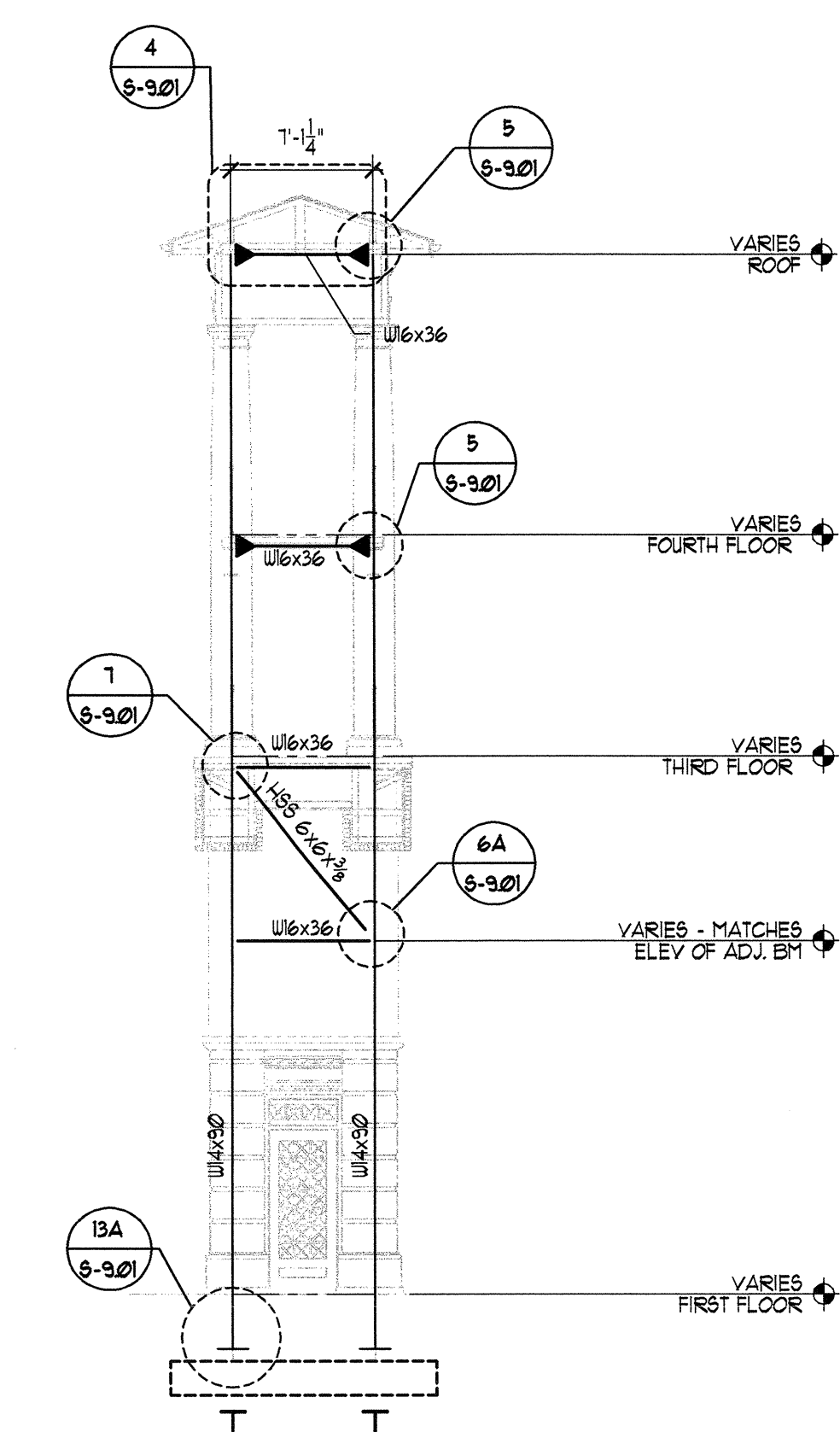
DRAWN BY BDH

CHECKED BY

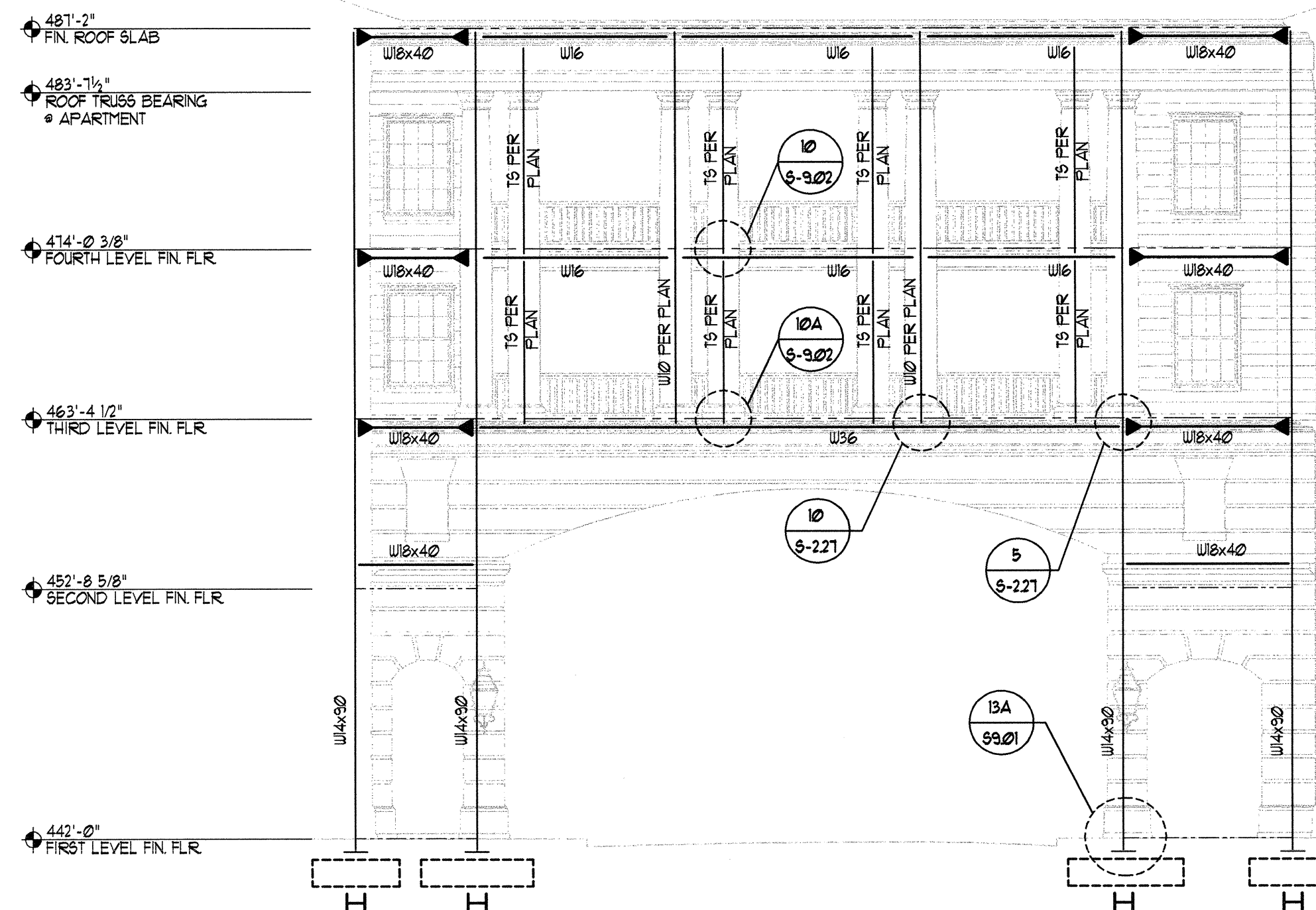
DRAWING TITLE PEDESTRIAN BRIDGE SECTION & ELEVATION

DRAWING NUMBER S-9.01

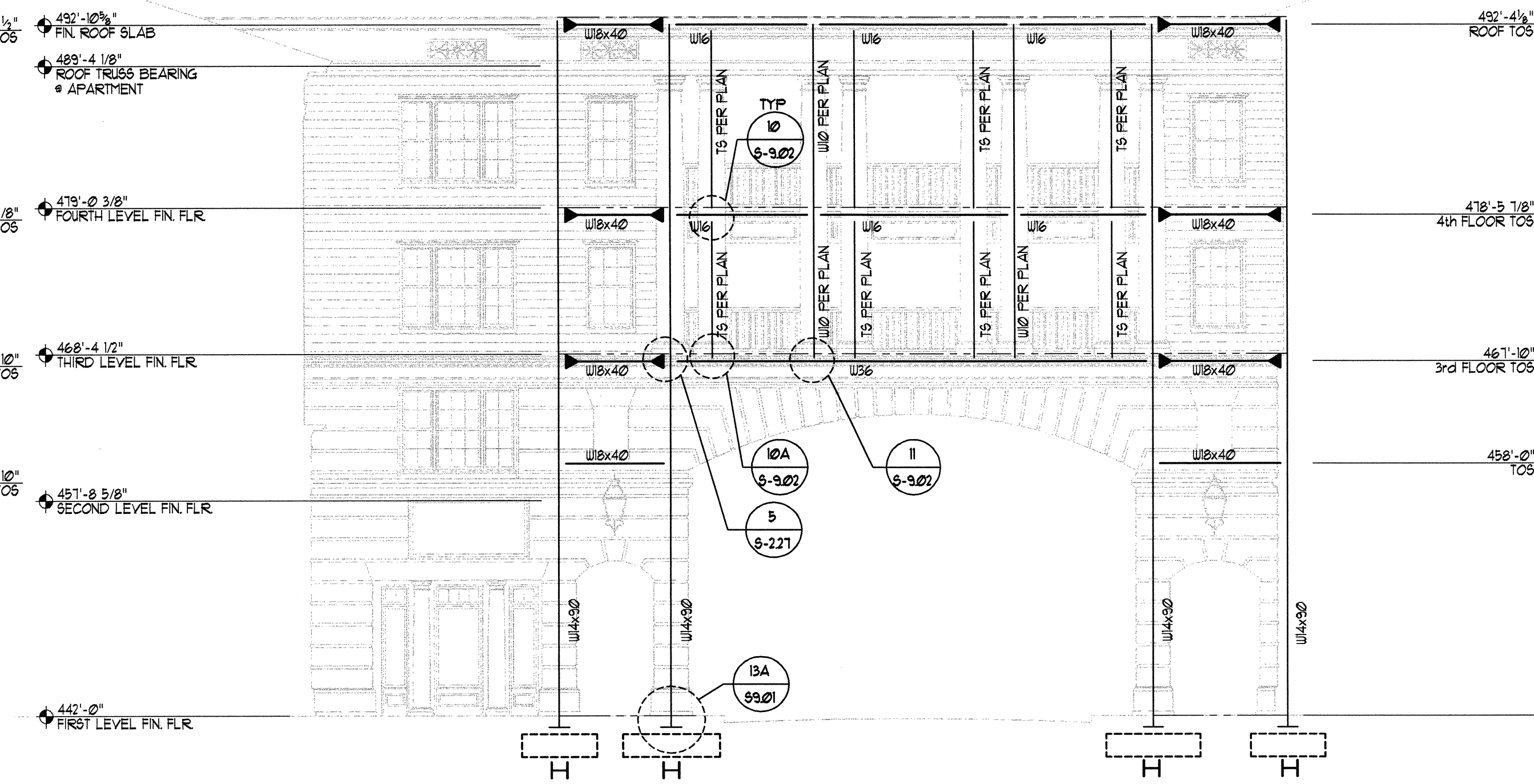
COMMENTS



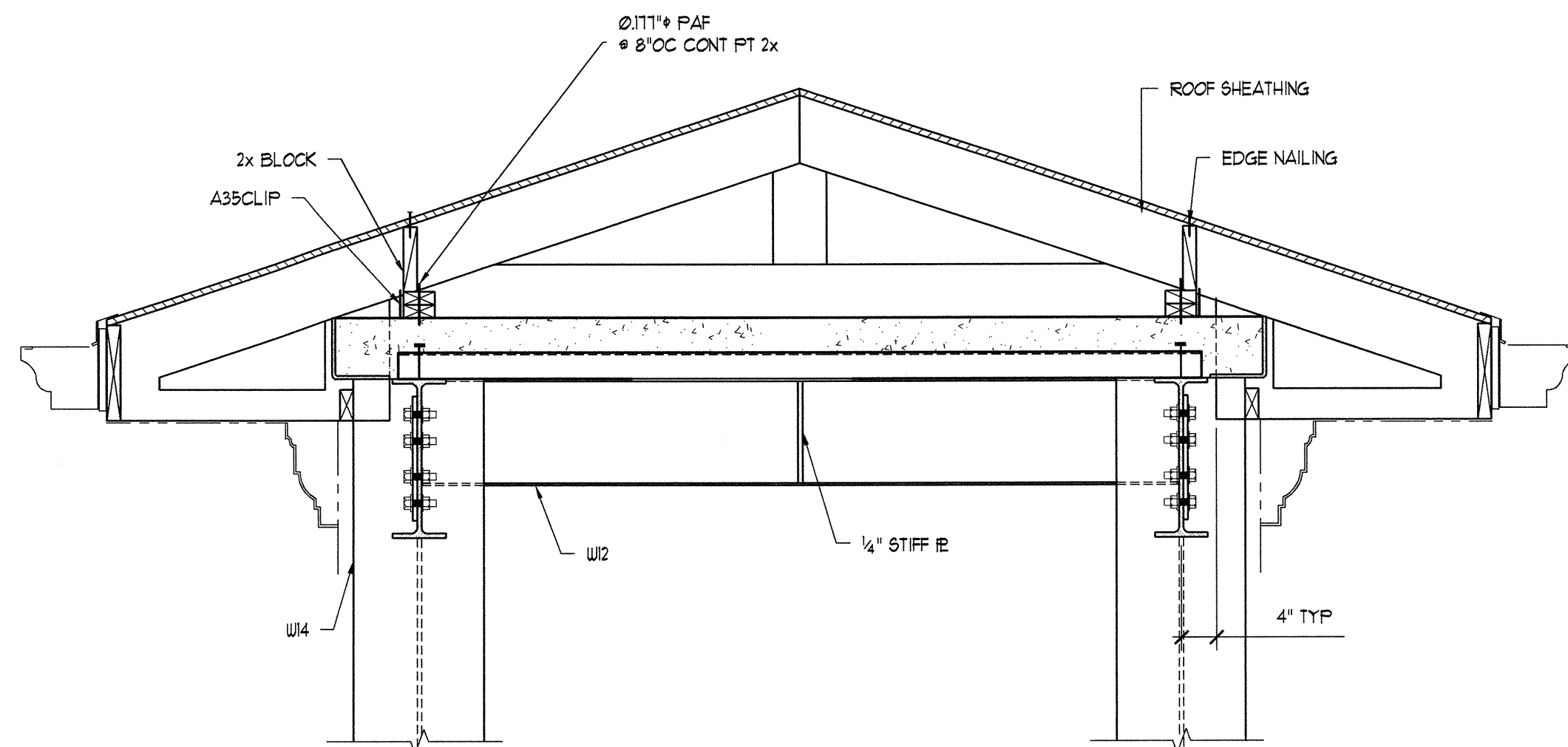
1 SECTION @ PEDESTRIAN BRIDGE 100 & 200
SCALE: 1/8"=1'-0"



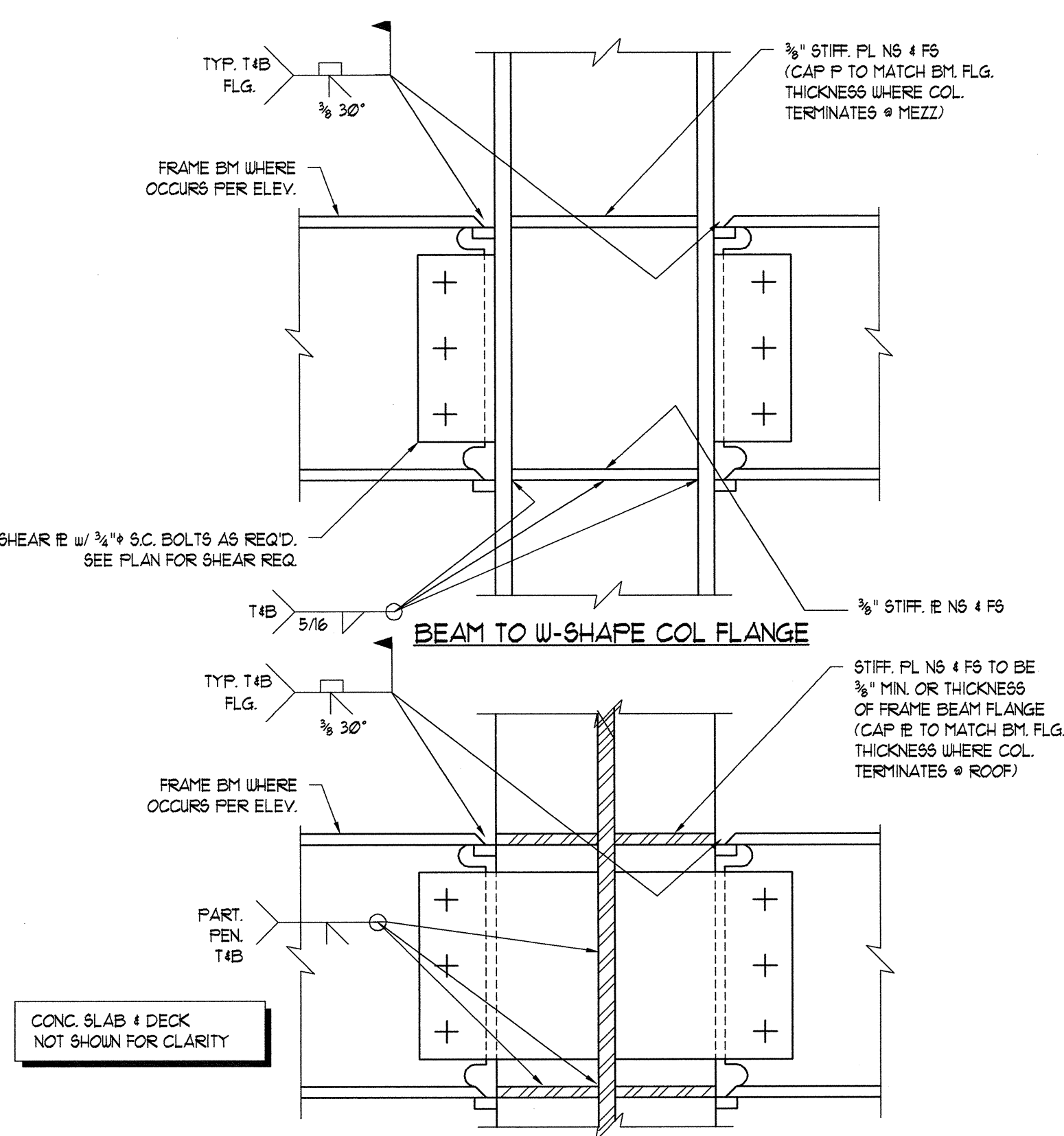
2 PEDESTRIAN BRIDGE 100 - ELEVATION
SCALE: 1/8"=1'-0"



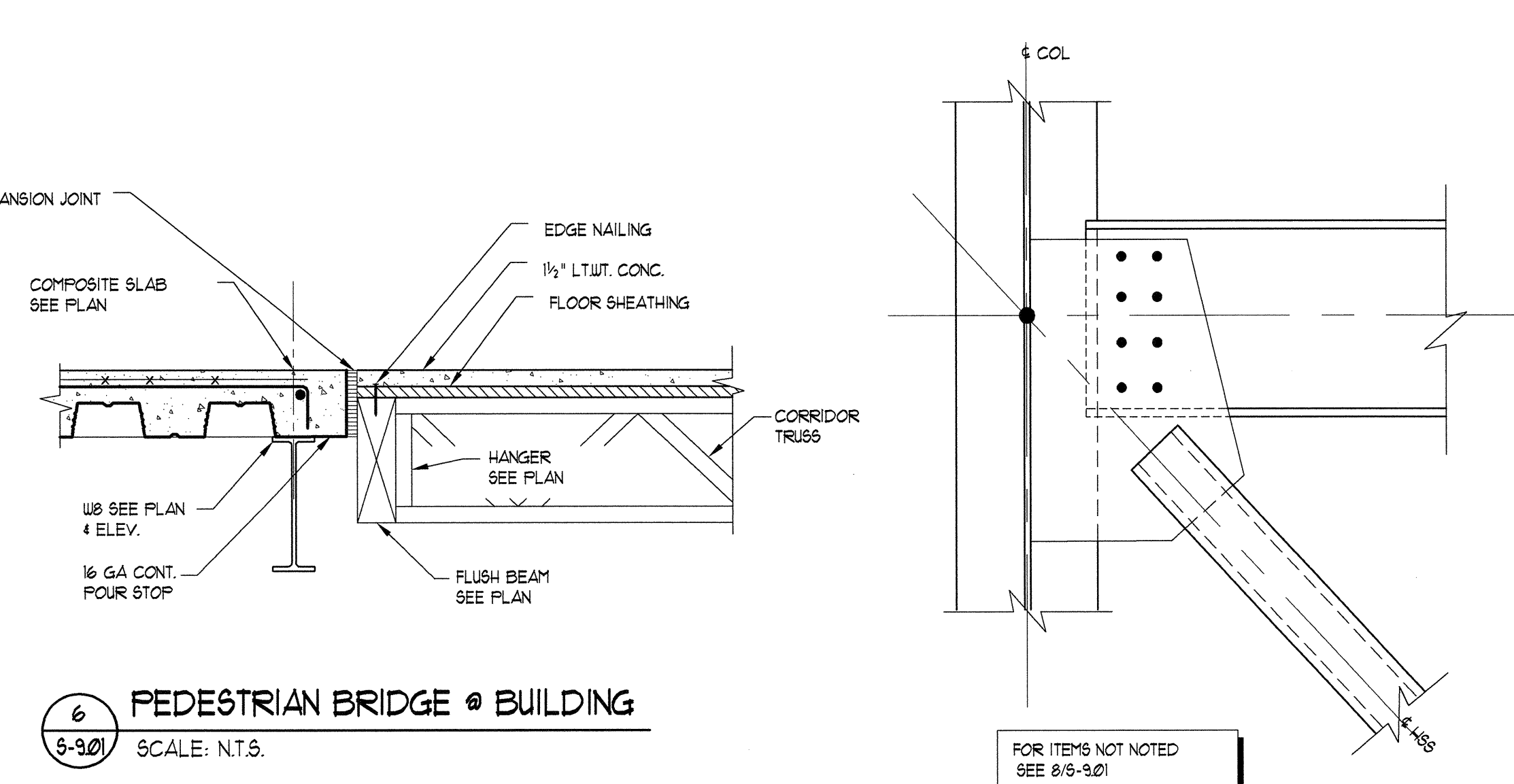
3 PEDESTRIAN BRIDGE 200 - ELEVATION
SCALE: 1/8"=1'-0"



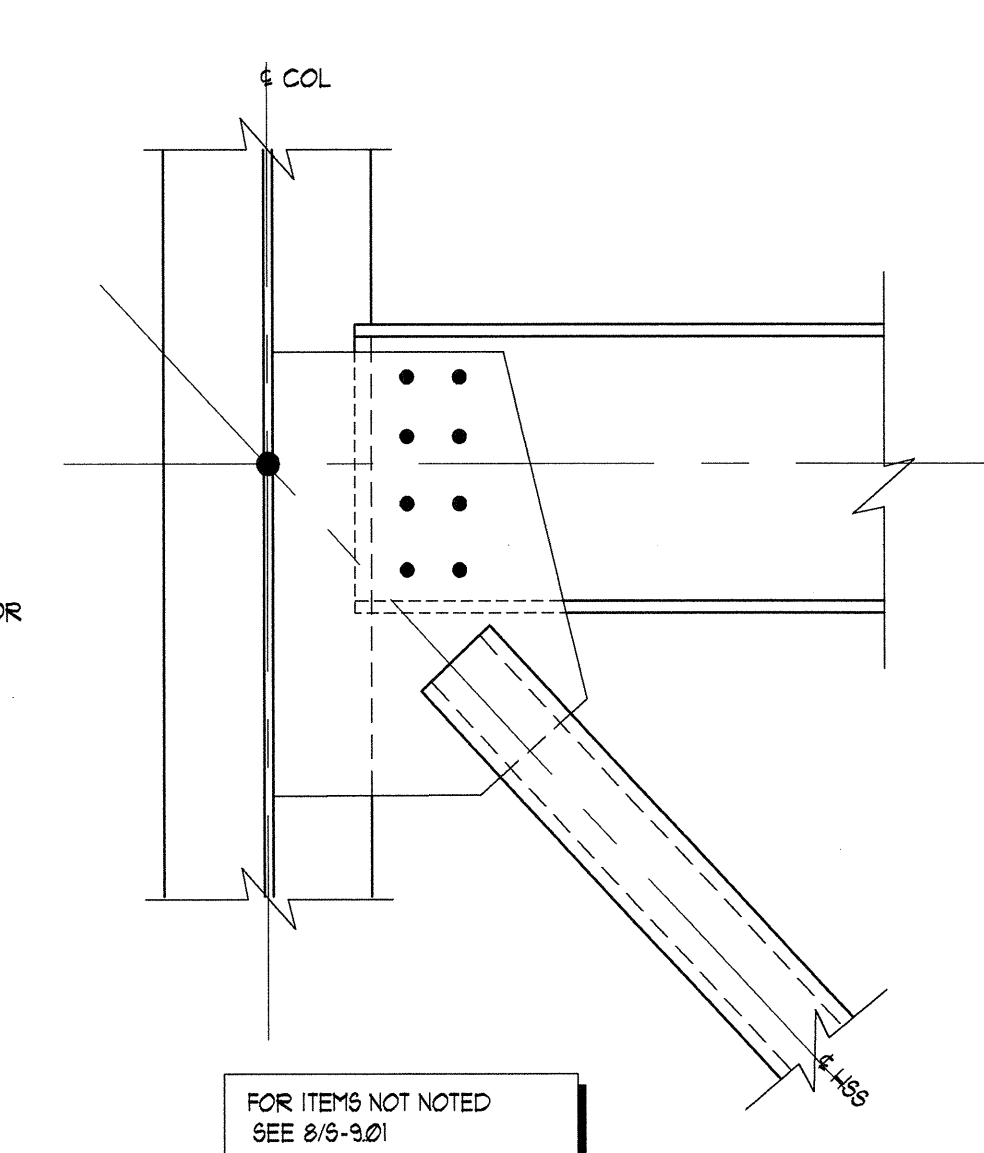
4 PEDESTRIAN BRIDGE ROOF DETAIL
SCALE: 3/4"=1'-0"



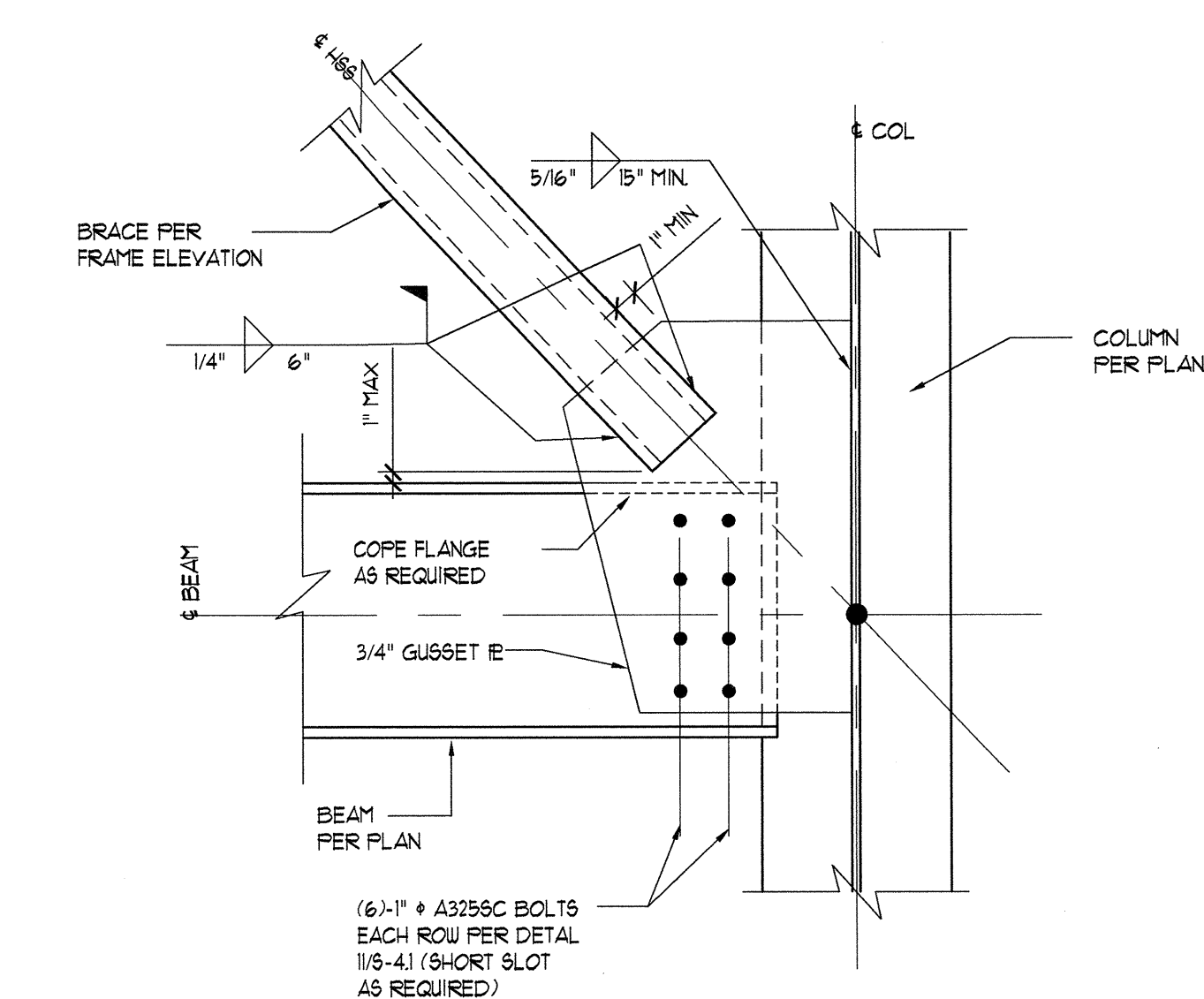
5 TYPICAL MOMENT CONNECTION DETAILS
SCALE: N.T.S.



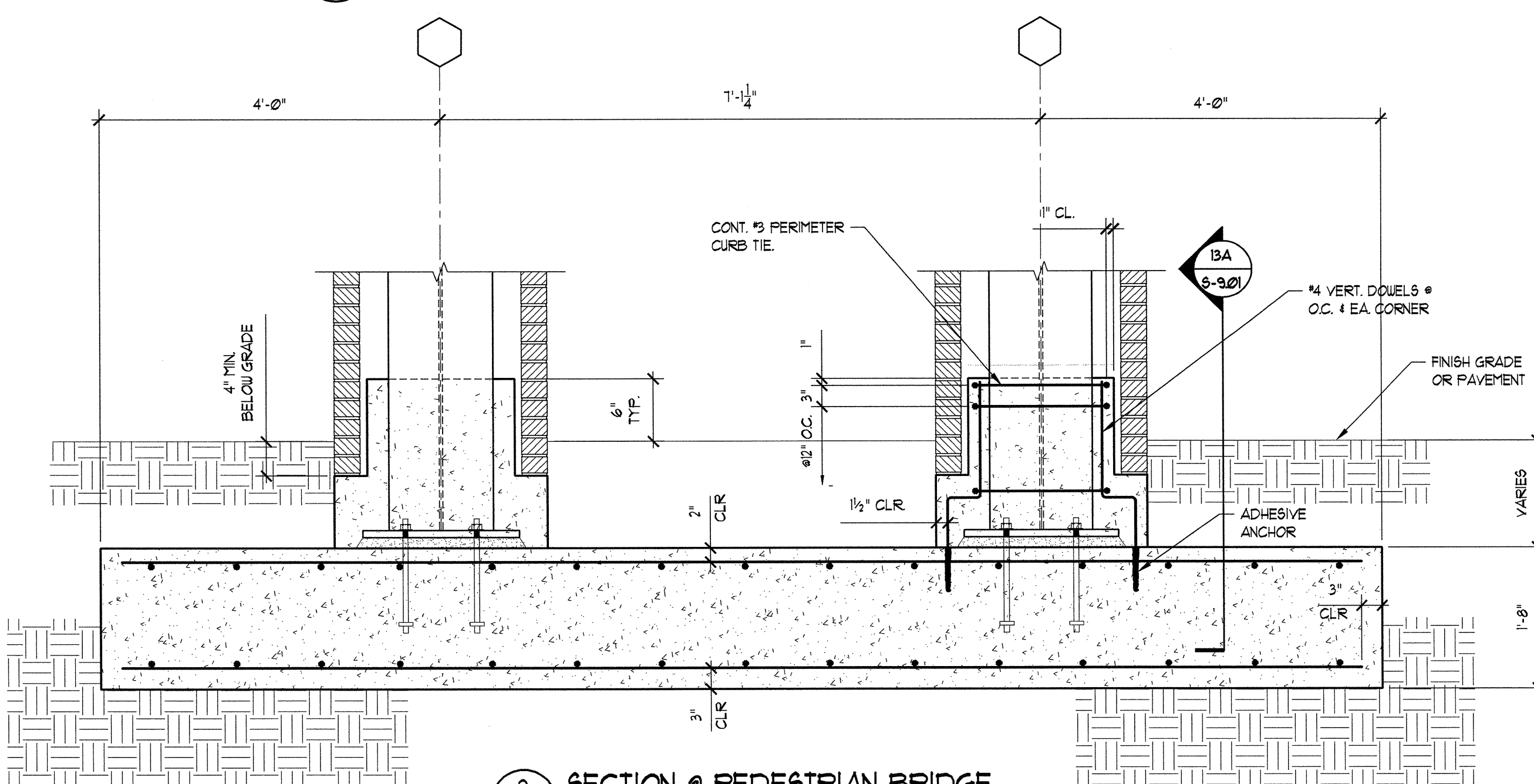
6 PEDESTRIAN BRIDGE @ BUILDING
SCALE: N.T.S.



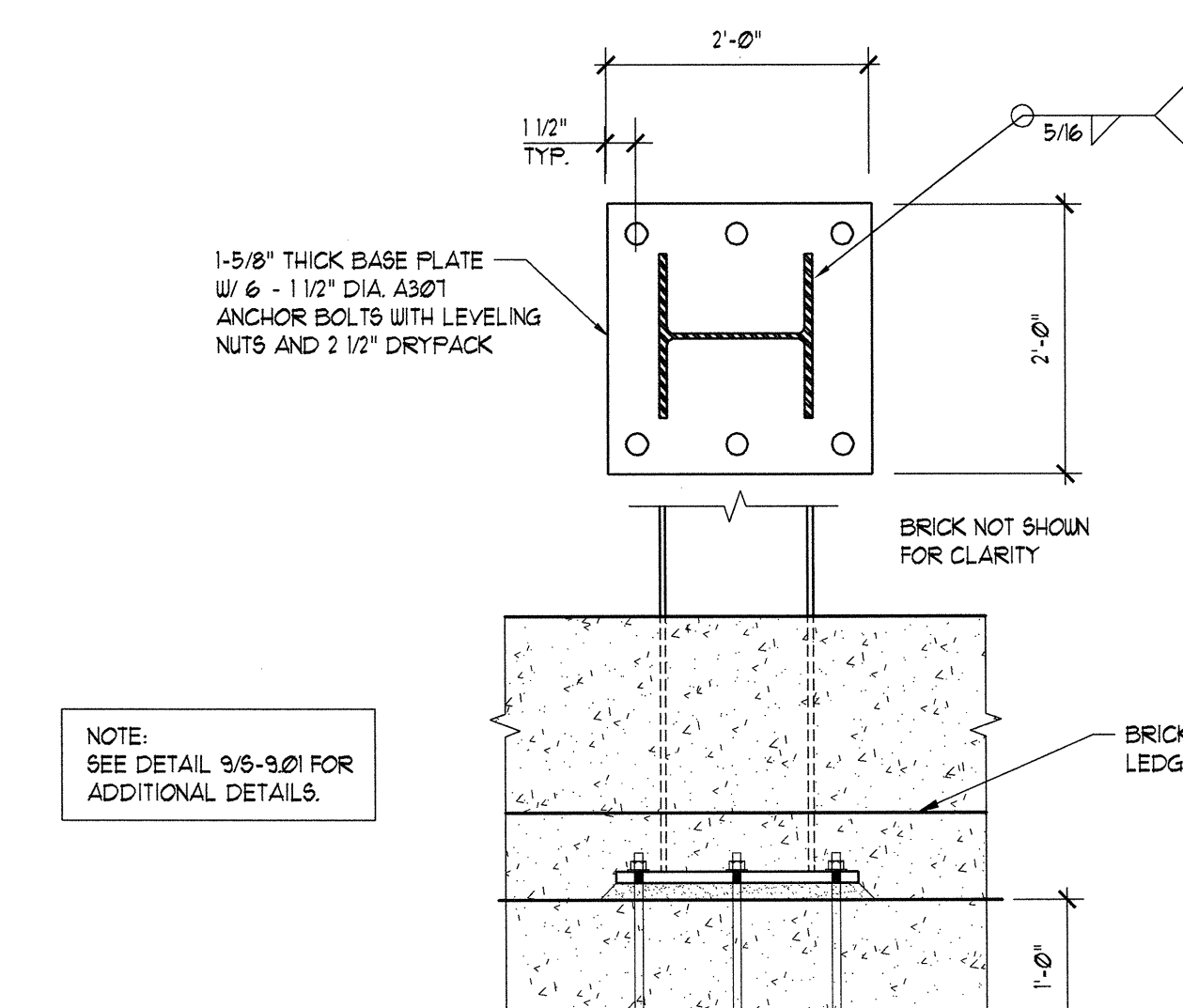
7 TYPICAL BRACE DETAIL
SCALE: N.T.S.



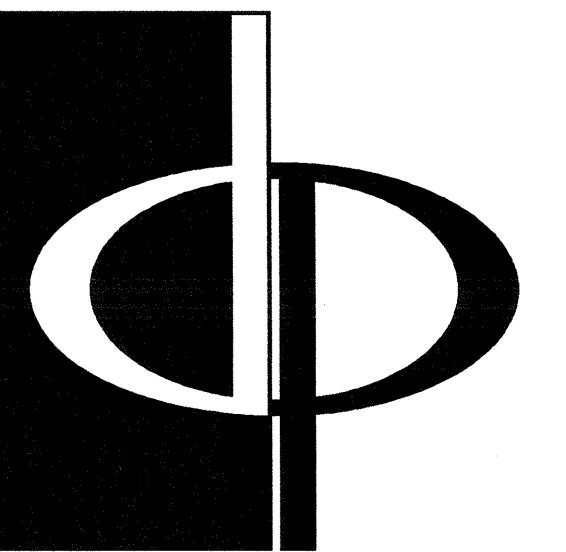
8 DETAIL
SCALE: 3/4"=1'-0"



9 SECTION @ PEDESTRIAN BRIDGE
SCALE: 3/4"=1'-0"



10A FIXED BASE PLATE @ PEDESTRIAN BRIDGE
SCALE: 3/4"=1'-0"



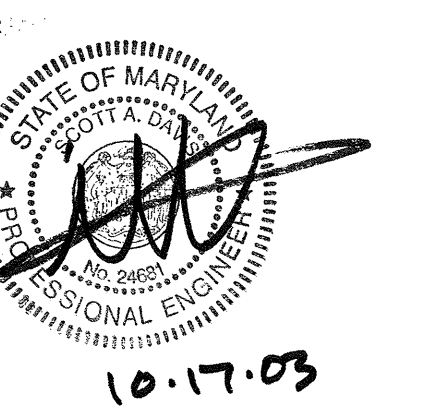
THE PRESTON PARTNERSHIP, LLC
A MULTI-DISCIPLINARY DESIGN FIRM

1000 ABERNATHY ROAD NE, SUITE 600
ATLANTA, GEORGIA 30328
TELEPHONE: 770 396 7248
FAX: 770 396 2945

WWW.THEPRESTONPARTNERSHIP.COM

CONSULTANT

SEAL



PROJECT

ARCHSTONE
KENTLANDS
949 QUINCE ORCHARD ROAD
GAITHERSBURG, MARYLAND

FOR

ARCHSTONE
COMMUNITIES
6631 OLD DOMINION DRIVE
MCLEAN, VIRGINIA 22101
703-883-3353

REVISIONS

RELEASED FOR CONSTRUCTION	07/18/03
CLUB HOUSE COORD	10/06/03

DATE

JOB NUMBER

DRAWN BY

CHECKED BY

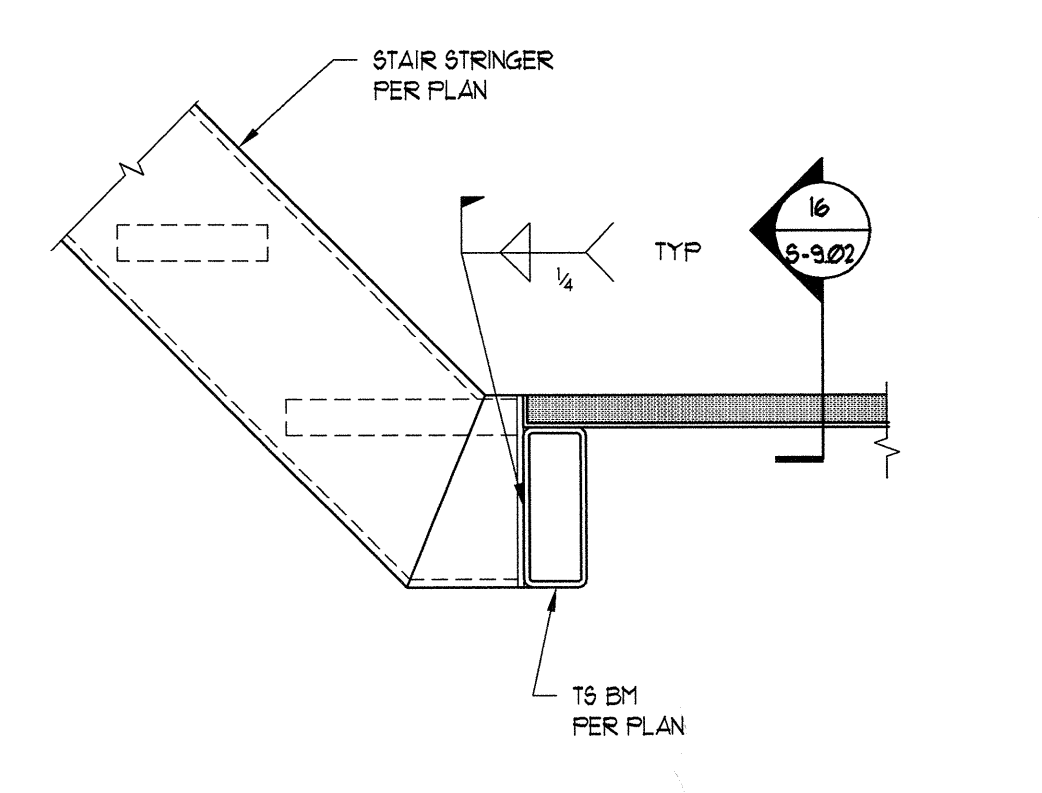
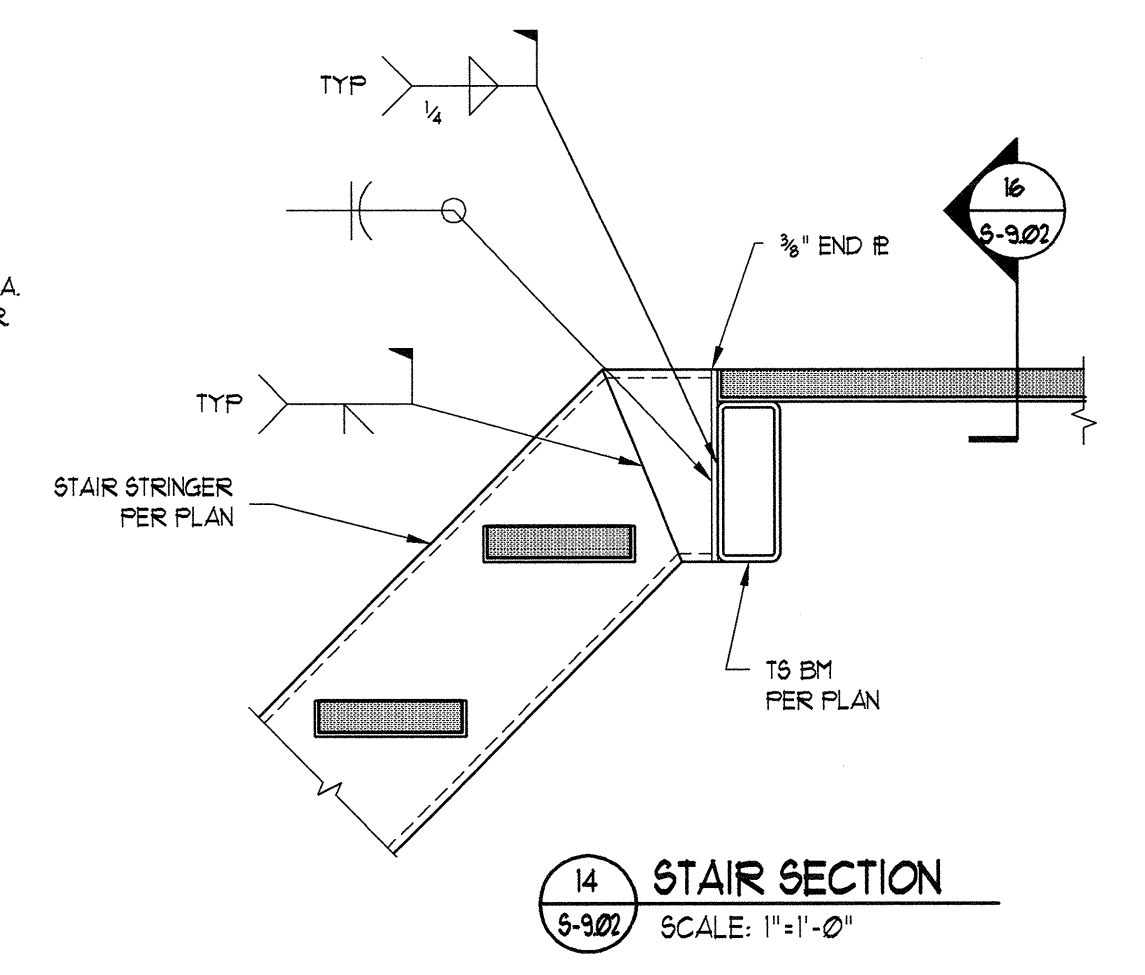
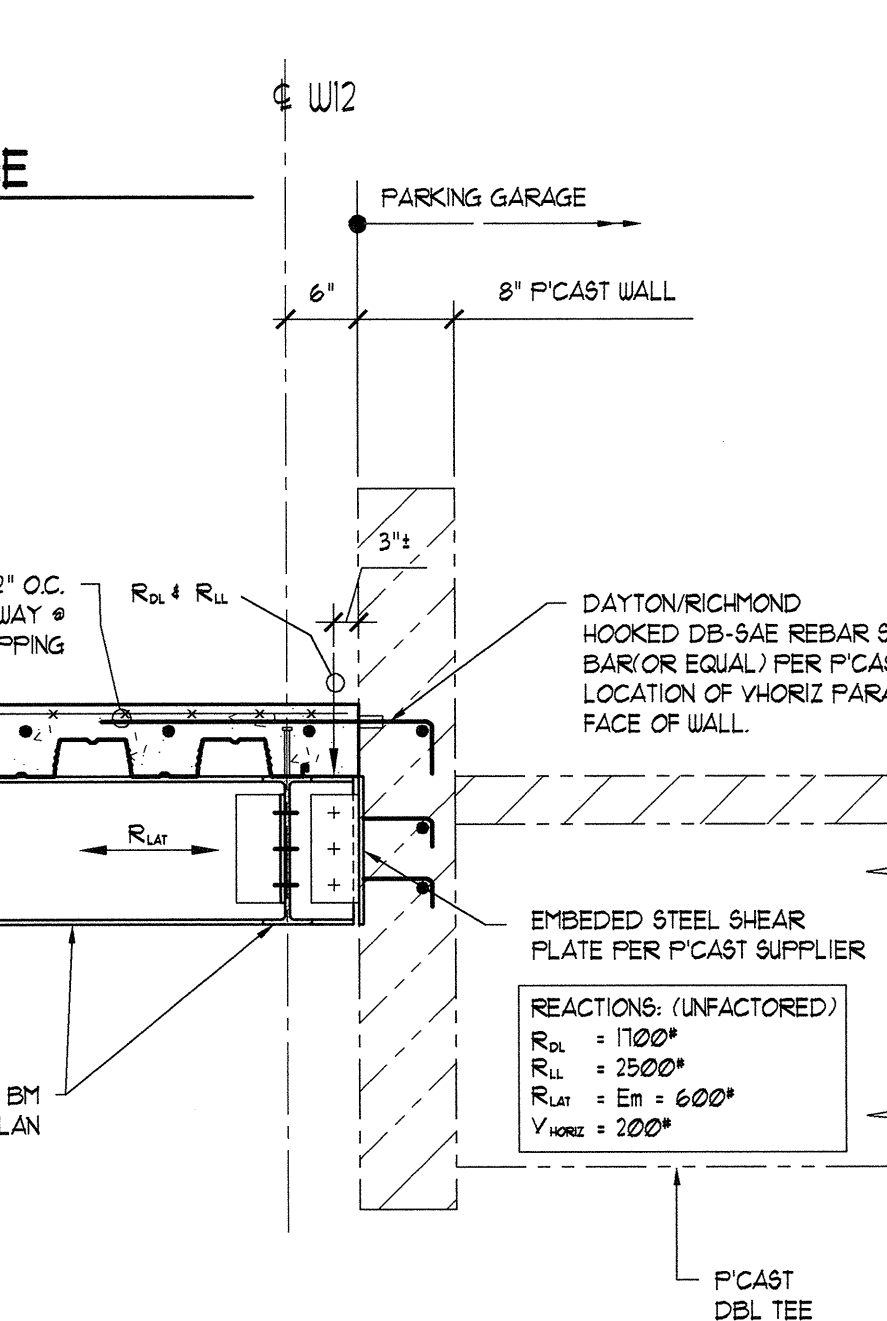
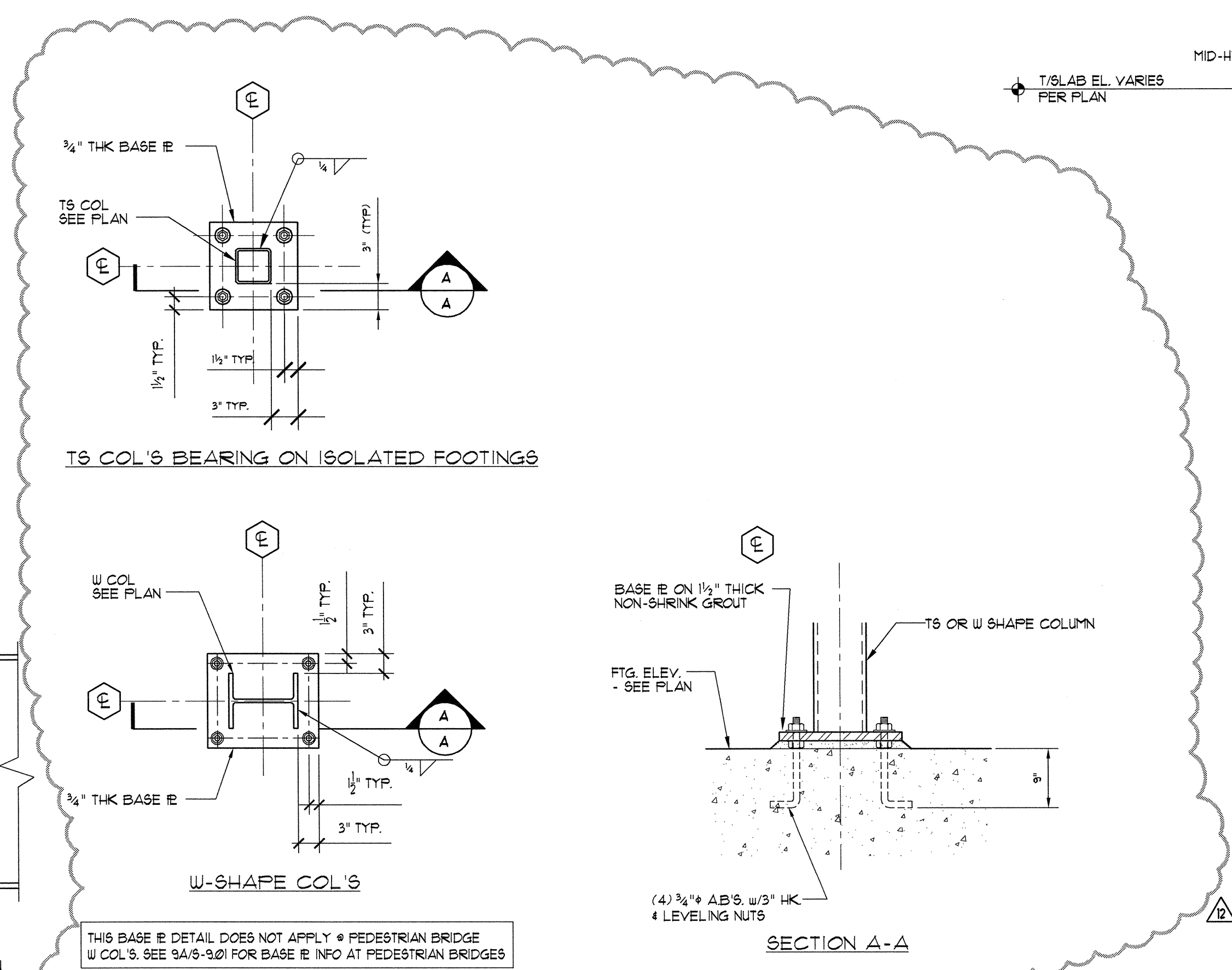
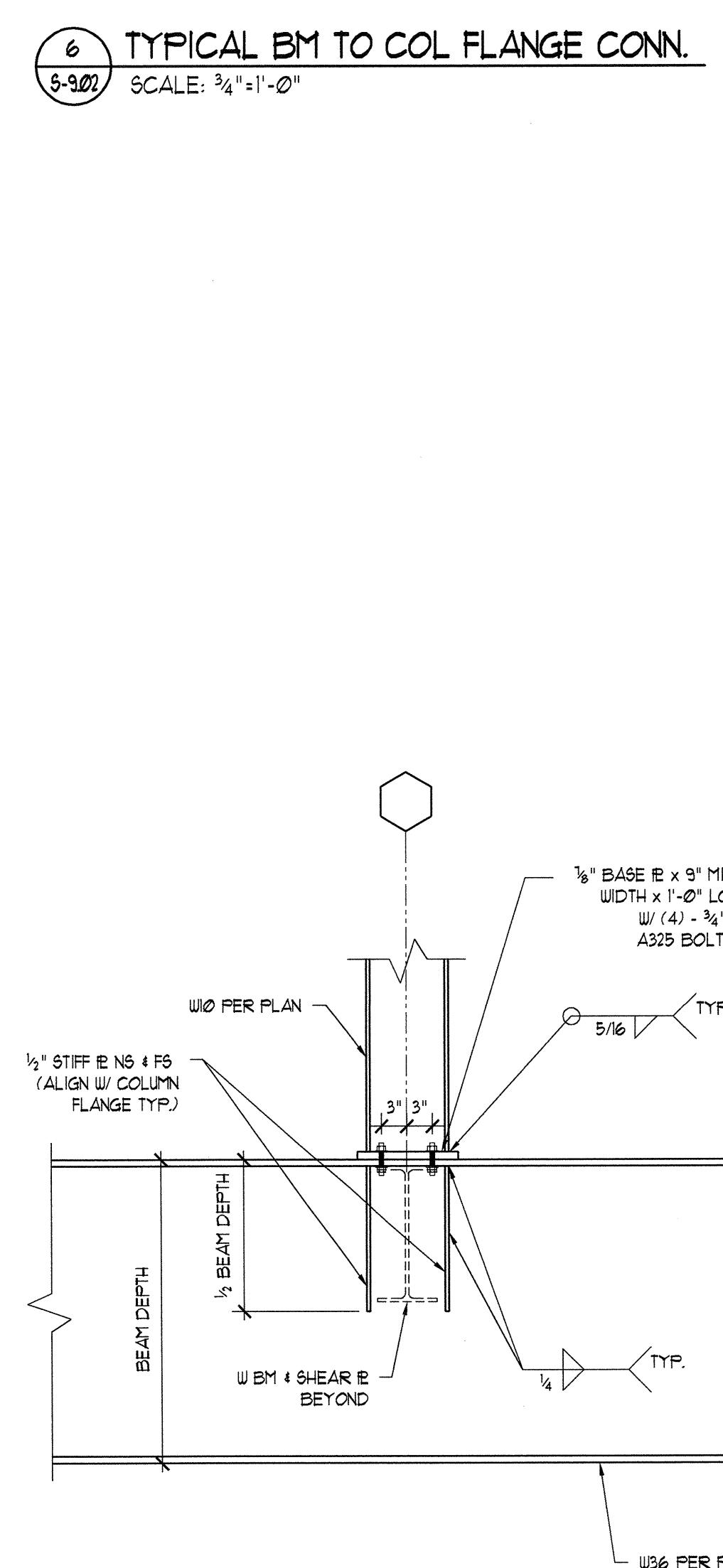
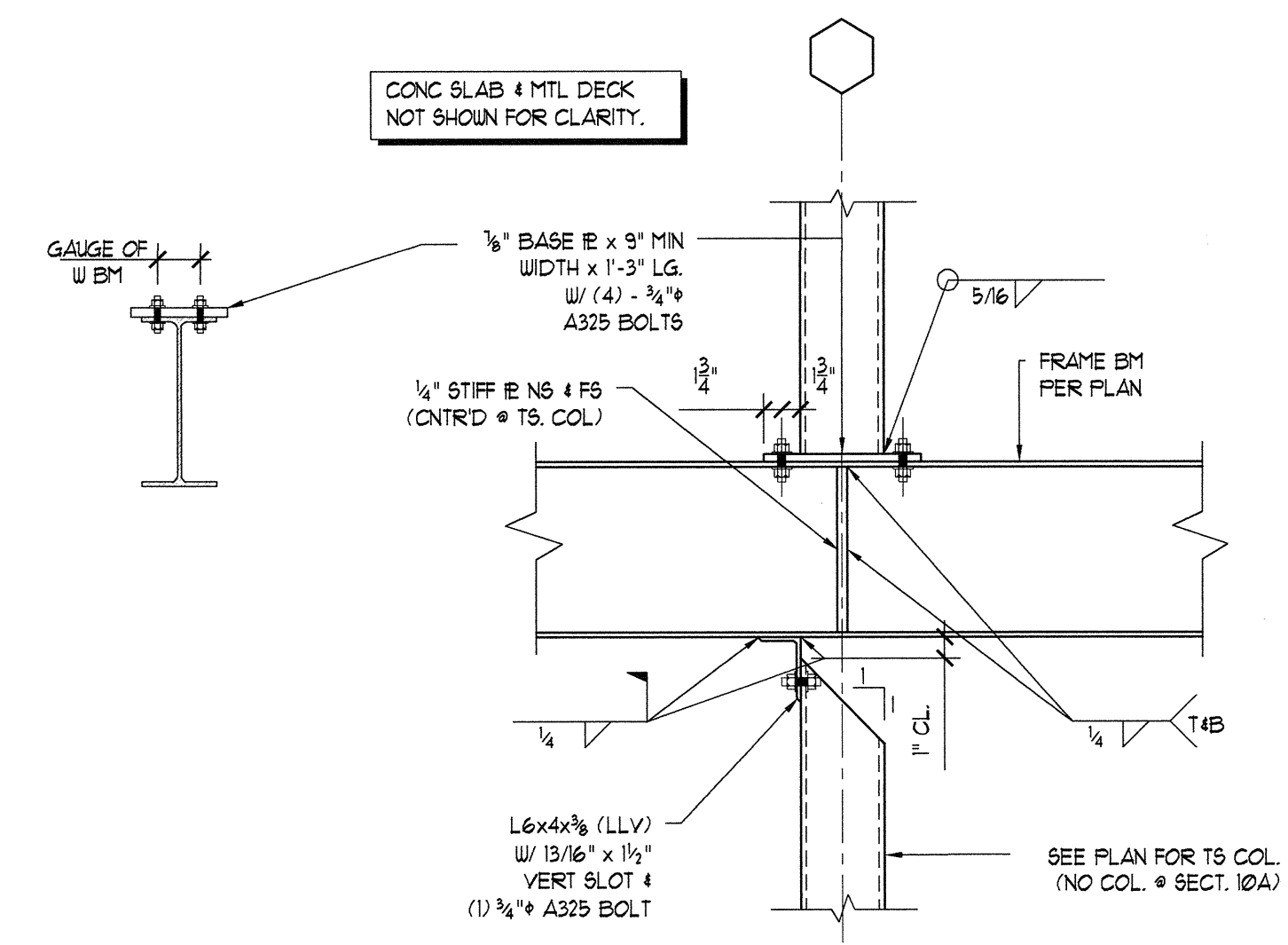
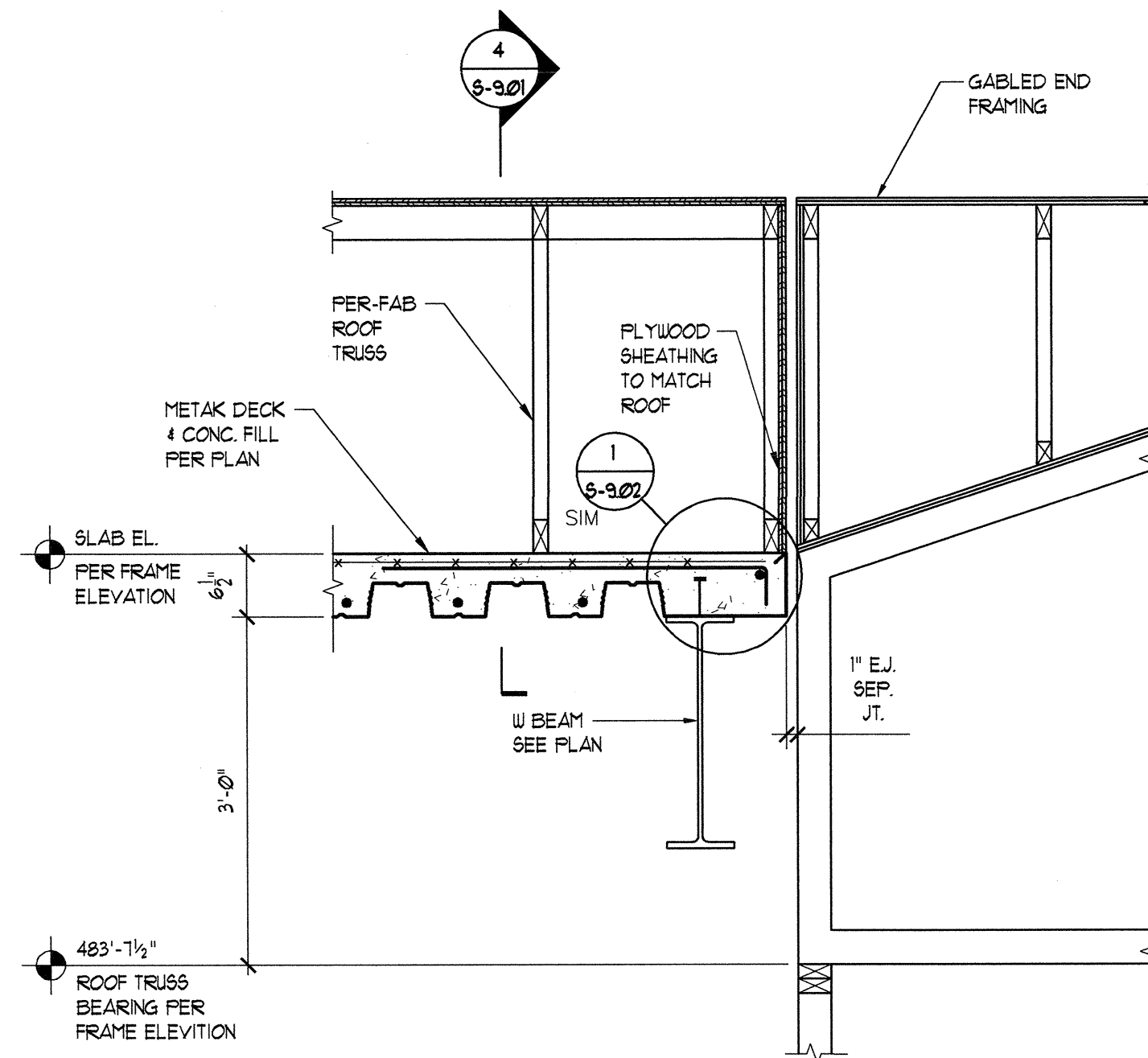
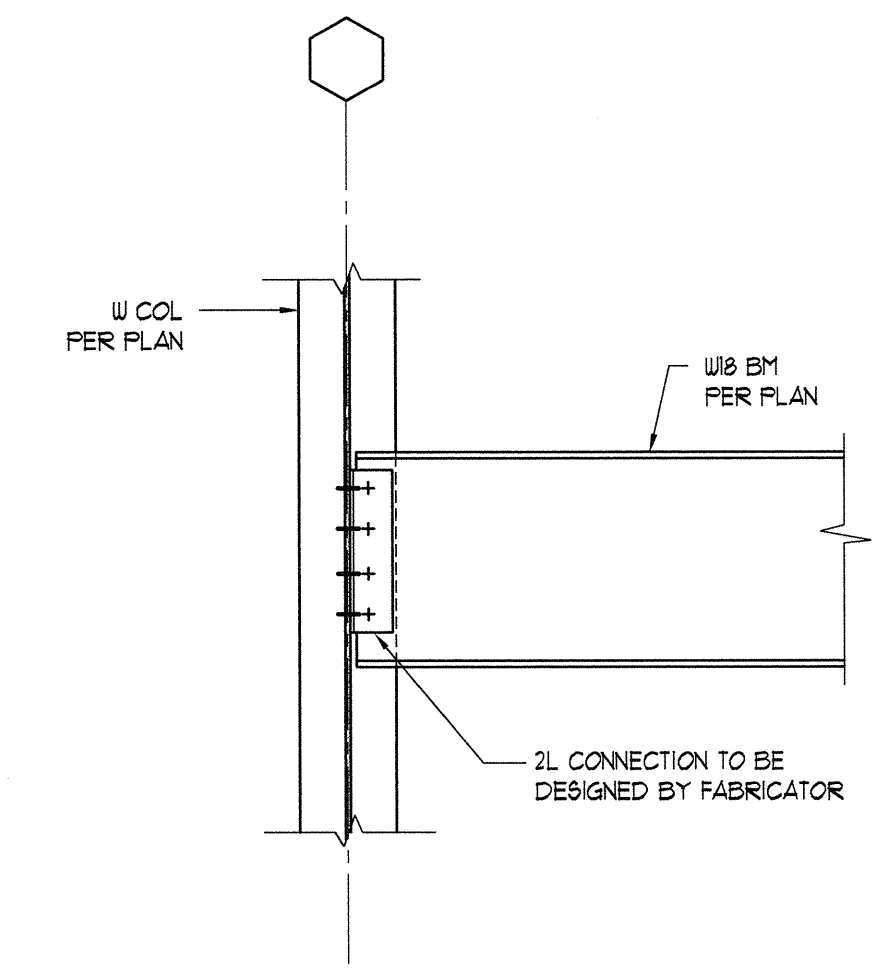
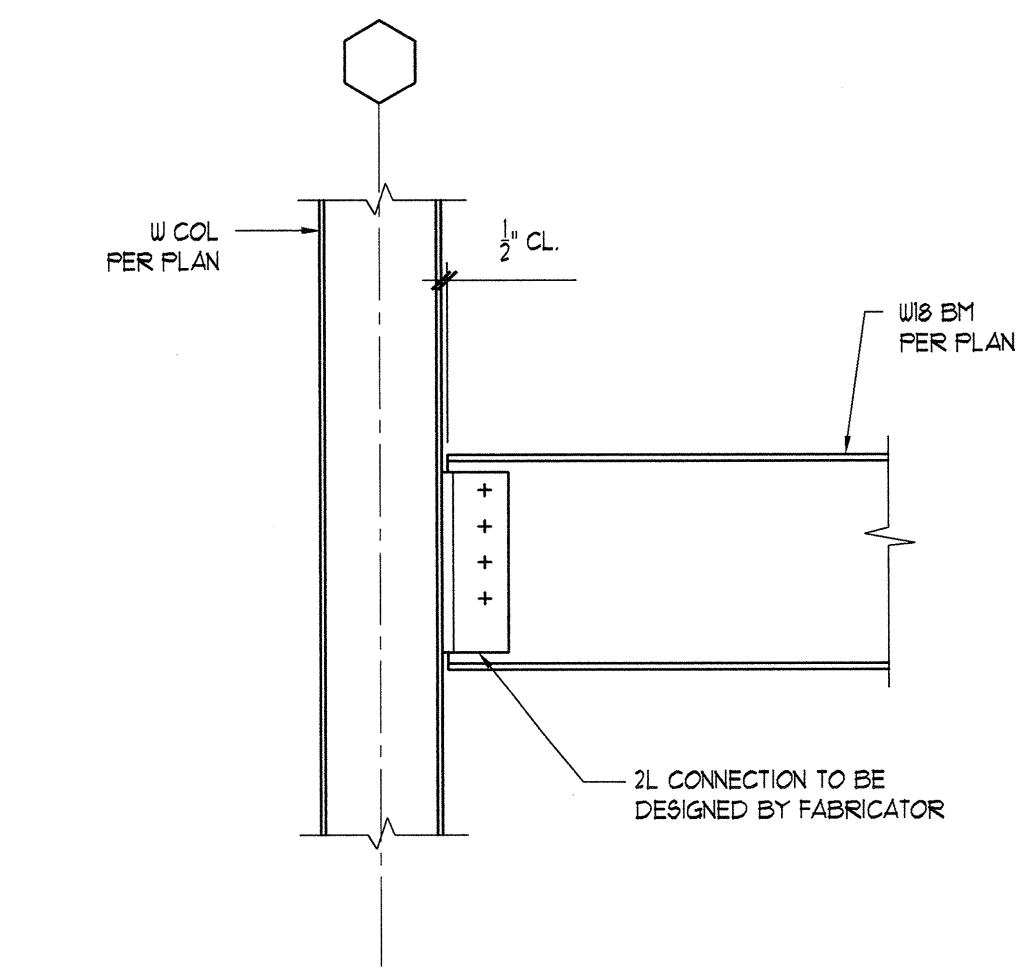
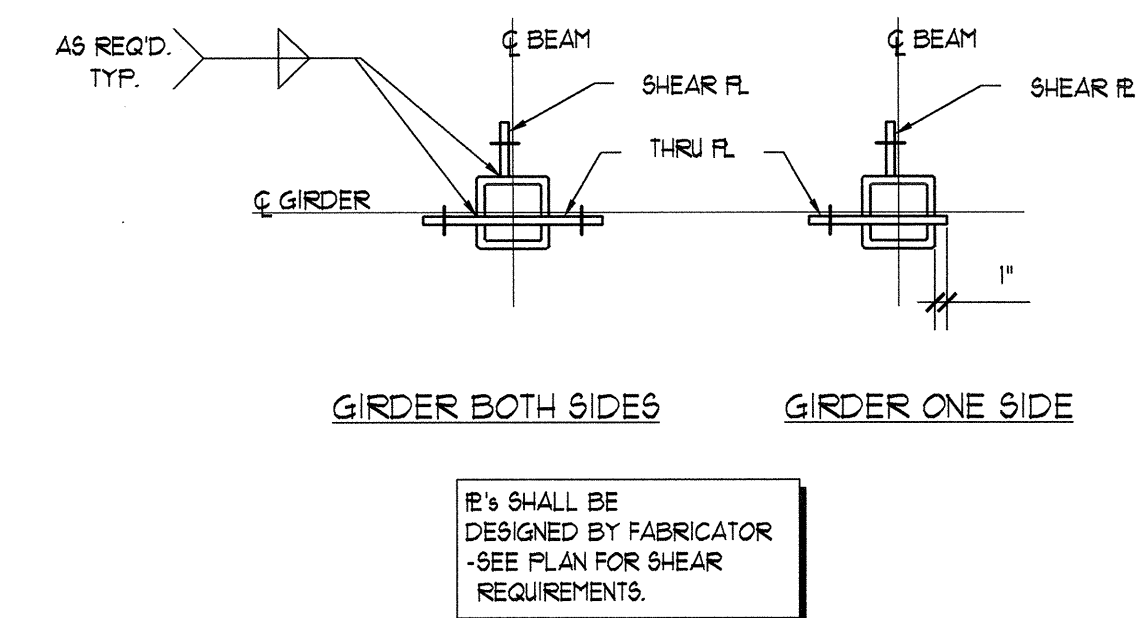
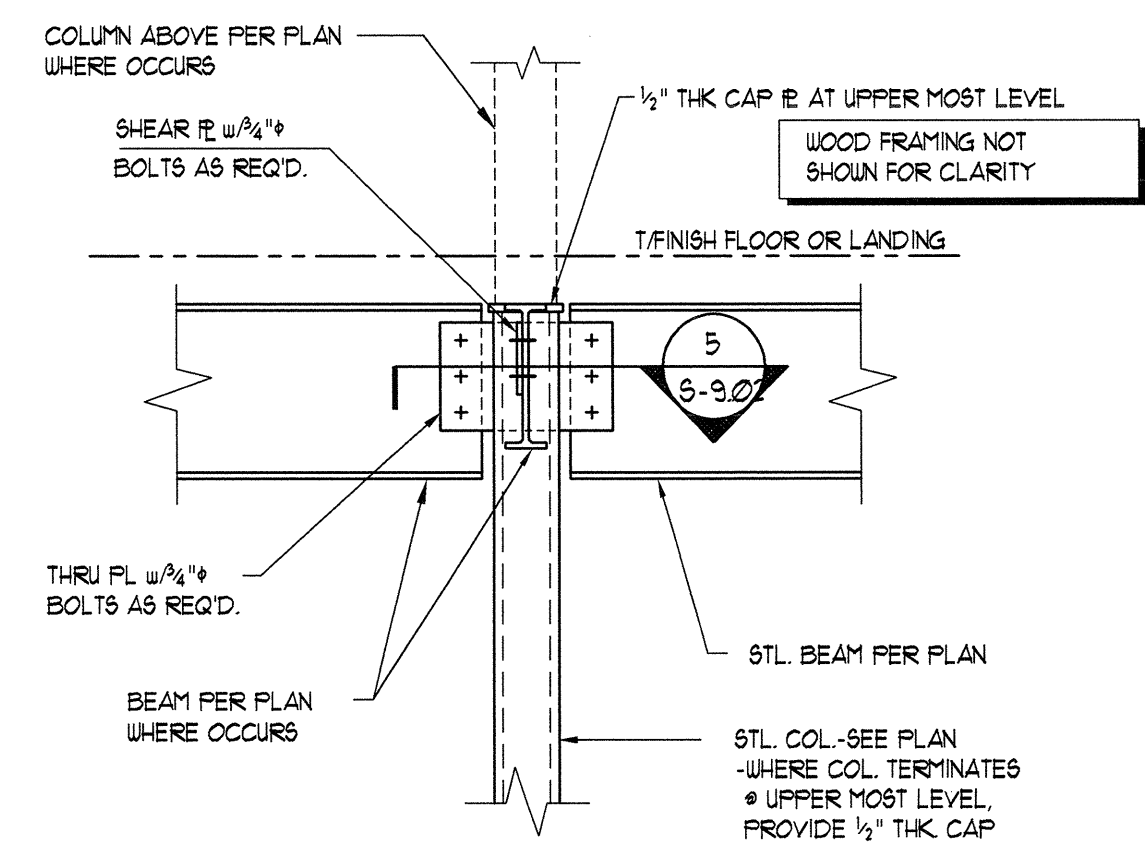
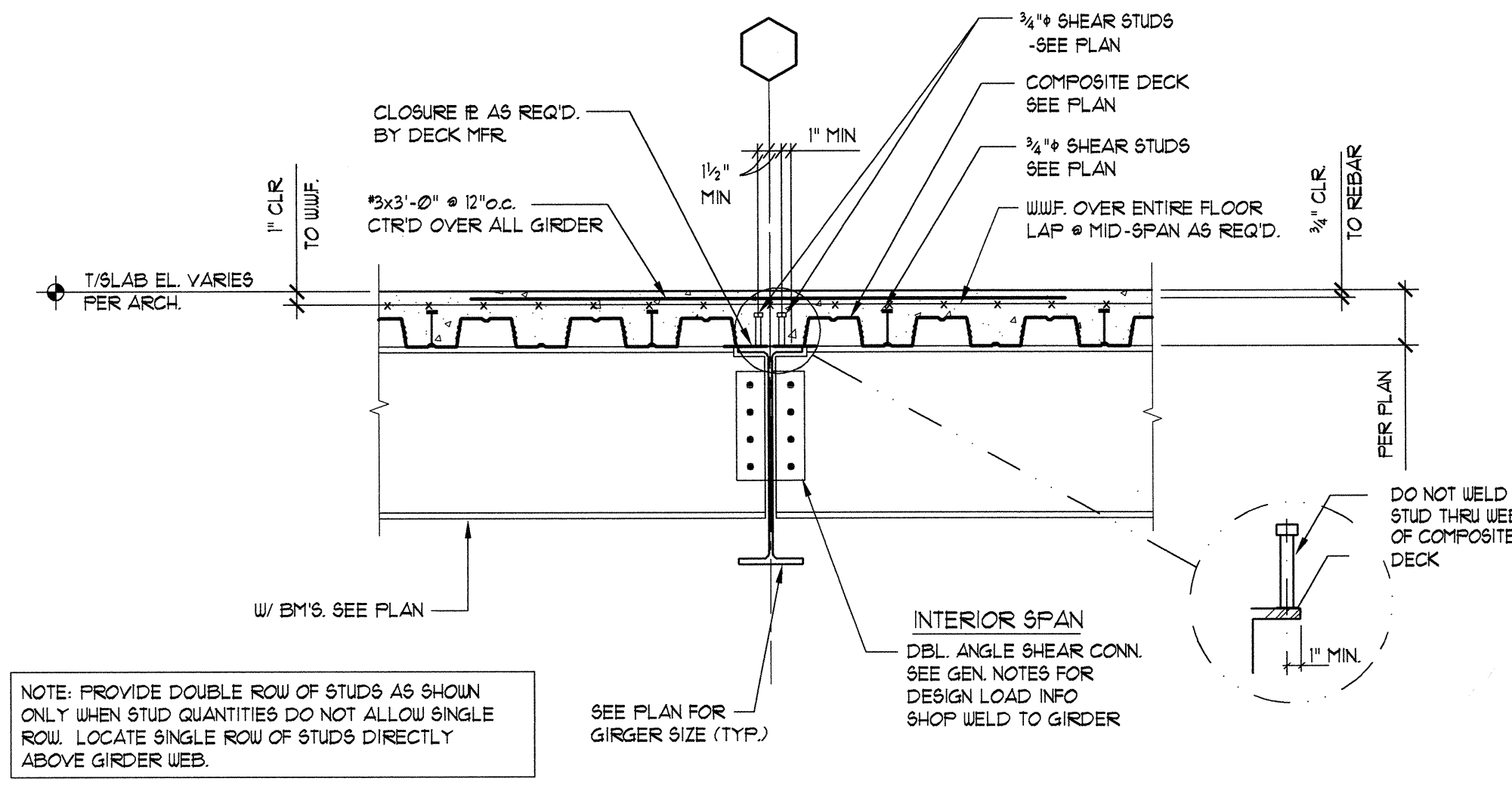
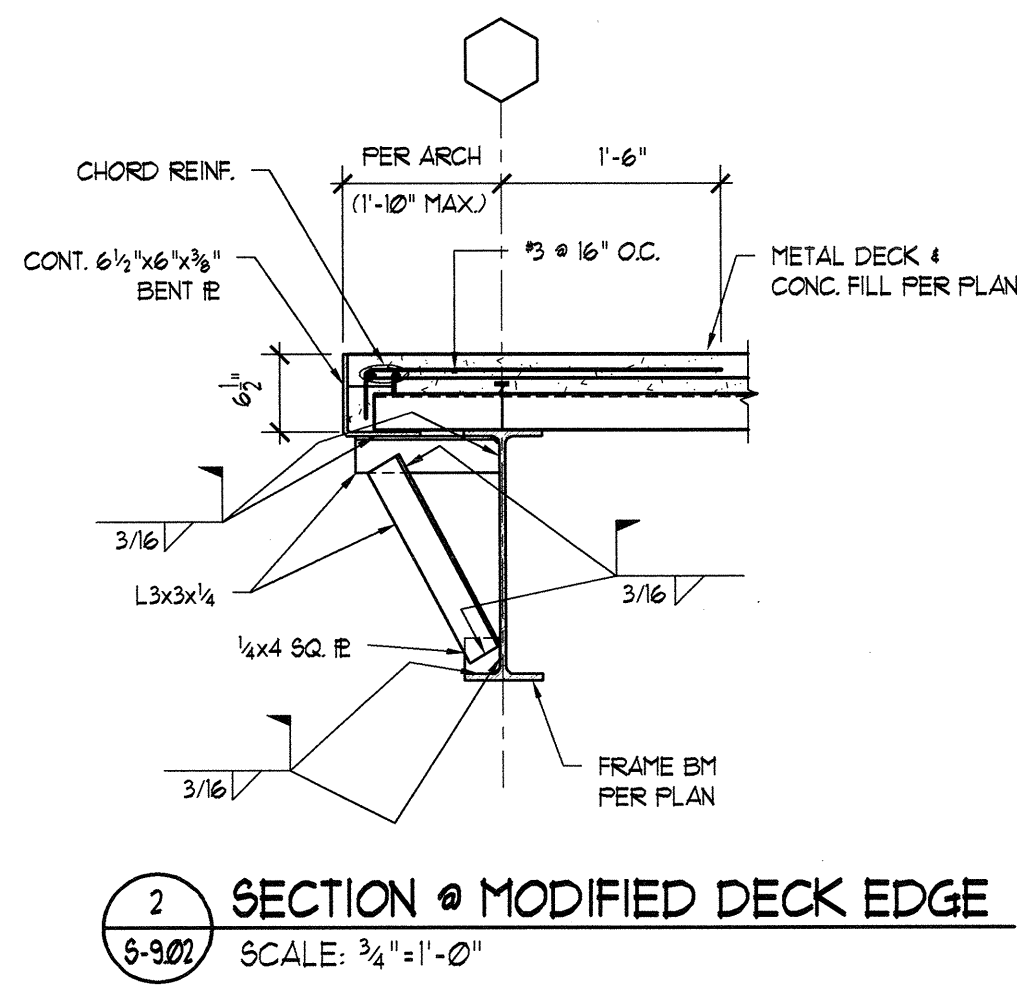
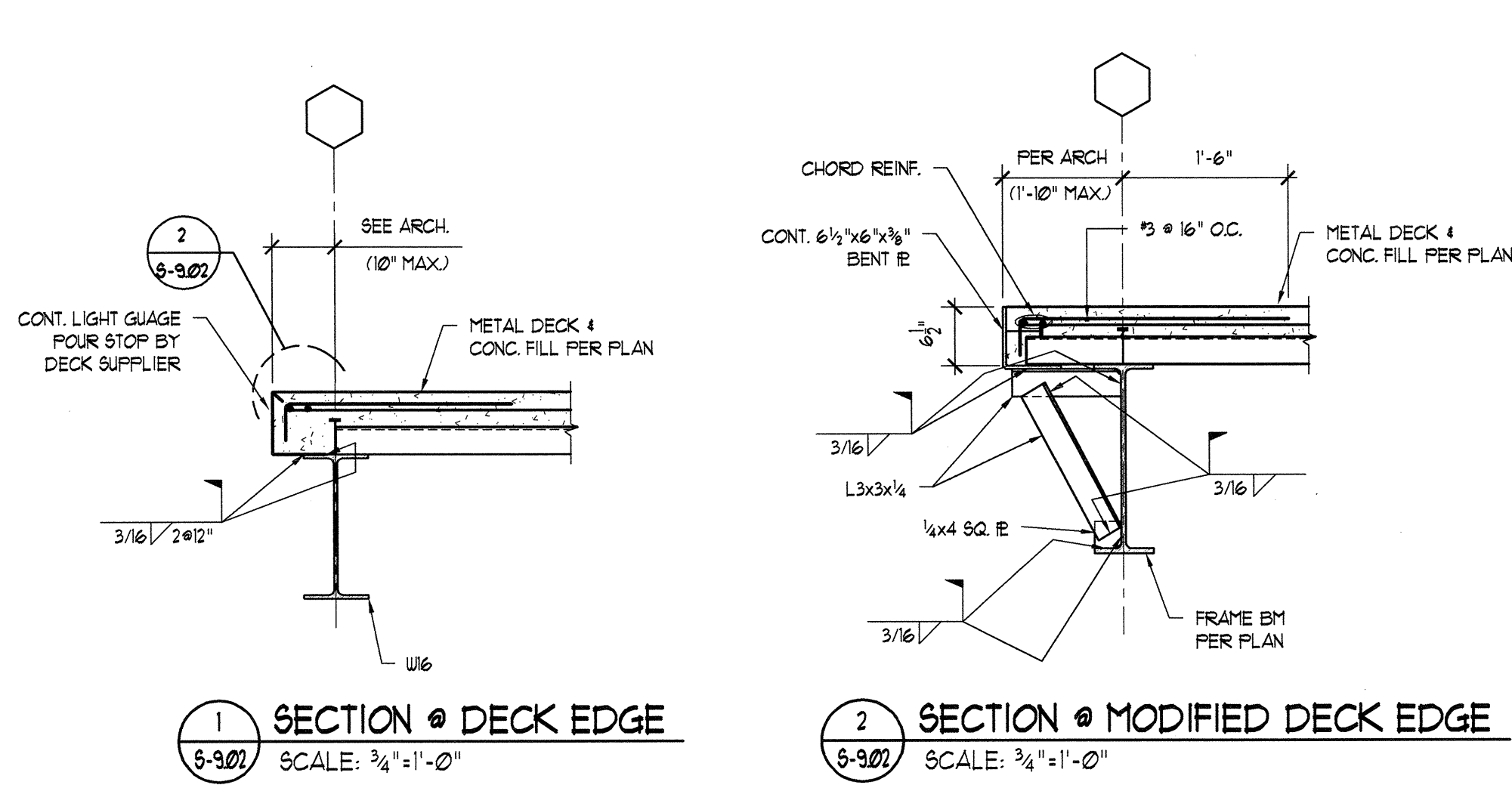
DRAWING TITLE

STEEL SECTION & DETAILS

DRAWING NUMBER

5-9.02

COMMENTS



REVISION #12 SUMMARY
A REVISED DETAIL

PARKING DECK GENERAL NOTES

1. DESIGN CRITERIA

- A. CODE: INTERNATIONAL BUILDING CODE, 2000 EDITION
- B. DESIGN DEAD LOADS: AS NOTED ON DUGS.
- C. DESIGN LIVE LOADS:
 - PARKING AND DRIVE AISLES: 50 PSF (REDUCIBLE PER CODE)
 - STAIRS: 100 PSF
 - GROUND SNOW LOAD: 30 PSF
- D. DESIGN WIND SPEED: 90 MPH
- E. SEISMIC DESIGN DATA: SEE PRECAST DUGS.

2. GENERAL

- A. THE FOLLOWING SPECIFICATIONS ARE AN OUTLINE OF MINIMUM MATERIAL REQUIREMENTS AND THEIR APPLICATION, MANUFACTURER SPECIFICATION AND LOCAL CODE REQUIREMENTS. WHEN IN EXCESS OF MINIMUM SPECIFICATION, SHALL CONTROL. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW AND SUBMIT ALL SHOP DRAWINGS AND REPORT ALL DOCUMENT DISCREPANCIES TO THE STRUCTURAL ENGINEER PRIOR TO FABRICATION OR ERECTION.
- B. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO STARTING CONSTRUCTION, AND THE ARCHITECT SHALL BE NOTIFIED OF ANY DISCREPANCIES OR INCONSISTENCIES.
- C. ALL DIMENSIONS TO TAKE PRECEDENCE OVER SCALE SHOWN ON PLANS, SECTIONS AND DETAILS.
- D. NOTES AND DETAILS ON DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS.
- E. WHERE A SECTION IS CUT ON THE DRAWINGS, IT SHALL APPLY AT ALL LIKE OR SIMILAR CONDITIONS UNO.
- F. SEE ARCHITECTURAL DRAWINGS FOR THE FOLLOWING:
 - a. SIZE & LOCATION OF ALL DOOR & WINDOW OPENINGS
 - b. SIZE & LOCATION OF ALL ROOF OPENINGS
 - c. FLOOR AND ROOF FINISHES
 - d. DETAILS OF VENEER ATTACHMENT.
 - e. LOCN # LOCATION
- G. SEE MECHANICAL, PLUMBING, ELECTRICAL AND CIVIL DRAWINGS FOR THE FOLLOWING INFORMATION:
 - a. PIPE RUNS, SLEEVES, HANGERS, TRENCHES, WALL AND SLAB OPENINGS, ETC.
 - b. ELECTRICAL CONDUIT RUNS, BOXES, OUTLETS IN WALLS AND SLABS.
 - c. CONCRETE INSERTS FOR ELECTRICAL, MECHANICAL OR PLUMBING FIXTURES.
 - d. UNDERGROUND CONCRETE DUCTS, TRENCHES, FITS OR MANHOLES
 - e. CONCRETE AND ASPHALT PAVEMENT
- H. THE CONTRACT STRUCTURAL DRAWINGS REPRESENT THE FINISHED STRUCTURE UNLESS OTHERWISE INDICATED. THEY DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL ASSUME SOLE RESPONSIBILITY FOR ALL MEANS AND METHODS OF CONSTRUCTION AND SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE STRUCTURE, WORKMEN OR OTHER PERSONS DURING CONSTRUCTION. SUCH MEASURES SHALL INCLUDE, BUT NOT BE LIMITED TO, BRACING, SHORING FOR CONSTRUCTION EQUIPMENT, SHORING FOR THE BUILDING, SHORING FOR EARTH BANKS, FORMS, SCAFFOLDING, PLANKING, SAFETY NETS, SUPPORT AND BRACING FOR CRANES, ETC.
- J. ALL CONNECTOR TYPES REFER TO SIMPSON STRONG-TIE® SPECIFICATIONS. ANY CHANGE, MODIFICATION OR SUBSTITUTION MUST BE APPROVED BY THE ENGINEER OF RECORD PRIOR TO CONSTRUCTION.

3. CONCRETE

- A. PORTLAND CEMENT SHALL CONFORM TO ASTM C59, TYPE I.
- B. REFER TO ARCHITECTURAL DRAWINGS FOR CLIPS, GROOVES, GROUNDS, ETC. TO BE CAST IN CONCRETE AND CONCRETE FINISHES.
- C. ALL REINFORCING BARS, ANCHOR BOLTS AND OTHER CONCRETE INSERTS SHALL BE SECURED IN POSITION PRIOR TO PLACING CONCRETE.
- D. SLEEVE PLUMBING OPENINGS IN SLABS BEFORE PLACING CONCRETE AND BEND REINFORCING AROUND SLEEVES. CORING NOT PERMITTED IN FLOOR SLABS, UNLESS APPROVED BY STRUCTURAL ENGINEER.
- E. ULTIMATE COMPRESSIVE STRENGTH AT 28 DAYS SHALL BE AS FOLLOWS:
 - GRADE BEAMS: 4000 PSI
 - SLAB ON GRADE: 4000 PSI
 - PILASTERS, FOUNDATION WALLS/RETAINING WALLS: 4000 PSI
 - RETAINING WALL FOOTINGS: 4000 PSI
- F. CONCRETE SLUMP SHALL BE 3" TO 5" AT TIME OF PLACEMENT.
- G. CONCRETE MIX DESIGNS SHALL BE ESTABLISHED BY THE SUPPLIER IN ACCORDANCE WITH ACI 318-99. MIX DESIGNS SHALL BE SUBMITTED WITH BACK-UP DATA PER ACI 318-99 TO THE ARCHITECT FOR REVIEW PRIOR TO CONCRETE PLACEMENT.
- H. ALL CONCRETE EXPOSED TO THE WEATHER SHALL CONTAIN 6 TO 8% ENTRAINED AIR.
- I. ALL CONCRETE CONSTRUCTION SHALL CONFORM TO ACI 318, ACI 308 AND ACI 301. CONCRETE TEST REPORTS SHALL BE AVAILABLE AT JOB SITE.
- J. REFER TO PRECAST SHOP DRAWINGS FOR CONCRETE INFORMATION AT PRETOPPED ELEMENTS.

4. REINFORCING STEEL

- A. REINFORCING BARS SHALL BE DEFORMED BARS CONFORMING TO ASTM A-615, GRADE 60.
- B. CLEAR COVERAGE OF CONCRETE OVER OUTER REINFORCING BARS SHALL BE IN ACCORDANCE WITH ACI 318-99, SECTION 17 UNLESS SPECIFICALLY DETAILED OTHERWISE ON THE DUGS.
- C. ALL REINFORCING BAR BENDS TO BE MADE COLD.
- D. CONTRACTORS SHALL NOT PLACE ANY REINFORCING UNTIL APPROVED SHOP DRAWINGS ARE RECEIVED ON THE JOB.
- E. BARS SHALL BE IN CONTACT WHEN FORMING A LAP SPLICE, UNLESS NOTED OTHERWISE.
- F. PROVIDE CORNER BARS @ ALL TURN-DOWN SLAB CORNERS AND C.I.P. CONCRETE WALL CORNERS. PROVIDE 30" LAP BETWEEN CORNER BARS AND MAIN REINFORCING.
- G. WELDED WIRE FABRIC SHALL CONFORM TO ASTM-A185.
- H. REINFORCING STEEL MARKED "CONTINUOUS" SHALL BE LAPPED WITH CLASS B LAP SPLICE UNLESS SPECIFICALLY DETAILED OTHERWISE. LAP WELDED WIRE MESH ONE FULL MESH AT SIDE AND END LAPS.
- I. REFER TO PRECAST SHOP DRAWINGS FOR REINFORCING INFORMATION AT PRETOPPED ELEMENTS (E.G. CHORD REINFORCING, DRAG REINFORCING, WALLS DOUELS, ETC.)

5. FOUNDATION

- A. FOUNDATION DESIGN IS BASED ON A GEOTECHNICAL ENGINEERING REPORT, ARCHSTONE KENTLANDS PROPOSED APARTMENT BUILDINGS AND PARKING GARAGE (PROJECT NO. 0210248), DATED JANUARY 6, 2003 BY SCHNABEL ENGINEERING ASSOCIATES, INC.
- B. CONTRACTOR TO PROVIDE FOR DE-WATERING IN EXCAVATIONS FROM EITHER SURFACE WATER, GROUND WATER OR SEEPAGE.
- C. CONTRACTOR SHALL PROVIDE AND INSTALL ALL CRIBBING, SHEATHING AND SHORING REQUIRED TO SAFELY RETAIN THE EARTH BANKS.
- D. CONTRACTOR SHALL PROTECT ALL UTILITY LINES, ETC. ENCOUNTERED DURING EXCAVATION AND BACKFILLING.
- E. ALL EXCAVATIONS SHALL BE PROPERLY BACKFILLED, BUT NOT BEFORE CONCRETE HAS ATTAINED FULL DESIGN STRENGTH.
- F. ALL BASEMENT WALLS ARE DESIGNED AS CANTILEVERED RETAINING WALLS.
- G. CONTRACTOR SHALL OBTAIN A COPY OF THE ABOVE REFERENCED SOILS REPORT & COMPLY WITH ITS RECOMMENDATIONS.
- H. FOUNDATION DESIGN BASED ON AN ALLOWABLE BEARING PRESSURE OF 6000 PSF AT THE COLUMN AND WALL FOOTINGS OF THE PARKING GARAGE AND ADJACENT RETAINING WALLS FOUNDED AT THE SAME LEVEL. ACTUAL ALLOWABLE BEARING PRESSURE SHALL BE VERIFIED BY A QUALIFIED GEOTECHNICAL ENGINEER PRIOR TO FOOTING PLACEMENT.
- J. THE SOILS ENGINEER OF RECORD SHALL CERTIFY IN WRITING THAT ALL FOUNDATIONS WERE PLACED AND COMPLETED AS SPECIFIED.
- K. UNDER SLAB DRAINAGE SYSTEMS, IF REQUIRED, ARE NOT SHOWN ON THE STRUCTURAL DRAWINGS. DRAINAGE SYSTEMS SHALL BE PROVIDED AS DETERMINED AND RECOMMENDED BY THE GEOTECHNICAL ENGINEER OF RECORD.

6. PRECAST CONCRETE

- A. TYP. PRECAST FRAMING TO CONSIST OF PRE-TOPPED 30" DEEP PRECAST DOUBLE TEES.
- B. PRECAST SUPPLIER SHALL DESIGN THE LATERAL FORCE RESISTING SYSTEM INCLUDING SHEAR WALL & DIAPHRAGM REINFORCEMENT FOR THE LATERAL LOADS PRESCRIBED IN THE 2000 INTERNATIONAL BUILDING CODE. CALCULATIONS SHALL BE SUBMITTED WITH SHOP DRAWINGS FOR THE ARCHITECT'S RECORD.
- C. ALL EMBED PLATES, WELD PLATES AND CONNECTIONS TO THE FOUNDATION OR C.I.P. WALLS SHALL BE DESIGNED AND SUPPLIED BY THE PRECAST CONCRETE SUPPLIER.
- D. ALL EXPOSED STEEL (EMBED PLATES, WELD PLATES, ETC.) SHALL BE HOT DIPPE GALVANIZED.
- E. PRECAST SUPPLIER SHALL DESIGN AND PROVIDE ALL PRECAST COLUMN BASE PLATES & ANCHOR BOLTS.
- F. FOUNDATION DESIGN IS BASED ON LOADS SHOWN ON PLAN PROVIDED BY BLUE RIDGE DESIGN, INC.
- G. STAIR LANDINGS SHALL BE PRECAST COMPONENTS PROVIDED BY THE PRECAST SUPPLIER.

7. DESIGN RESPONSIBILITIES

- A. THE PRESTON PARTNERSHIP HAS DESIGNED THE FOUNDATION BASED ON STRUCTURAL GRAVITY AND LATERAL LOADS, DELIVERED TO THE FOUNDATION FROM THE SUPER-STRUCTURE, PROVIDED BY SHOCKEY PRECAST GROUP/BLUE RIDGE DESIGN, INC. FOUNDATION DESIGN LOADS PROVIDED BY SHOCKEY PRECAST GROUP/BLUE RIDGE DESIGN, INC. ARE SHOWN ON THE FOUNDATION PLAN FOR SHOCKEY PRECAST GROUP/BLUE RIDGE DESIGN'S VERIFICATION AND BY SHOWING THE LOADS ON THESE DRAWINGS, THE PRESTON PARTNERSHIP IS NOT CERTIFYING THEIR ACCURACY. SHOCKEY PRECAST GROUP/BLUE RIDGE DESIGN, INC. IS SOLELY RESPONSIBLE FOR THE ACCURACY OF SAID LOADS AND THE PRESTON PARTNERSHIP ASSUMES NO LIABILITY FOR ANY COSTS OR DAMAGES DUE TO ANY INACCURACIES OF SAID LOADS.
- B. THE PRESTON PARTNERSHIP IS THE ENGINEER OF RECORD FOR AND IS RESPONSIBLE FOR THE DESIGN OF ONLY THE CAST IN PLACE CONCRETE FOUNDATIONS AND THE CAST IN PLACE CONCRETE RETAINING WALLS SHOWN ON THESE DRAWINGS. AS NOTED IN NOTE "A" ABOVE, THE CALCULATION OF FOUNDATION DESIGN LOADS THAT ARE DELIVERED FROM THE SUPER-STRUCTURE TO THE FOUNDATION ARE THE SOLE RESPONSIBILITY OF SHOCKEY PRECAST GROUP/BLUE RIDGE DESIGN, INC.
- C. SHOCKEY PRECAST GROUP/BLUE RIDGE DESIGN, INC. IS THE ENGINEER OF RECORD FOR AND IS RESPONSIBLE FOR THE DESIGN OF THE ENTIRE SUPER-STRUCTURE, INCLUDING THE ENTIRE GRAVITY FORCE RESISTING SYSTEM AND THE ENTIRE LATERAL FORCE RESISTING SYSTEM. THE CAST IN PLACE TOPPING ACTS AS A DIAPHRAGM, WHICH TRANSMITS LATERAL LOADS TO THE PRECAST SHEAR WALLS. SHOCKEY PRECAST GROUP/BLUE RIDGE DESIGN, INC. IS RESPONSIBLE FOR THE DESIGN OF THE DIAPHRAGM REINFORCEMENT (I.E. TOPPING REINFORCEMENT) INCLUDING BUT NOT LIMITED TO, CHORD REINFORCEMENT AND DRAG REINFORCEMENT.
- D. THE PRESTON PARTNERSHIP ASSUMES NO LIABILITY FOR ANY COSTS AND/OR DAMAGES DUE TO DESIGN DEFICIENCIES IN THE SUPER-STRUCTURE OR INACCURACY OF LOADS PROVIDED BY SHOCKEY PRECAST GROUP/BLUE RIDGE DESIGN, INC.

8. STRUCTURAL STEEL

- A. STRUCTURAL STEEL DETAILING, FABRICATION AND ERECTION SHALL BE DONE IN ACCORDANCE WITH THE AISC, MANUAL OF STEEL CONSTRUCTION (9TH EDITION). ALL CONNECTIONS SHALL BE SHOP WELDED AND FIELD BOLTED EXCEPT AS NOTED ON DRAWINGS. FIELD BOLTS SHALL BE 3/4" DIA. A325 BEARING TYPE BOLTS WITH THREADS INCLUDED IN THE SHEAR PLANE (UNLESS NOTED). ALL FIELD WELDING SHALL BE DONE WITH E-70XX ELECTRODES.
- B. STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING:
 - Ø SHAPES: ASTM A992
 - TS SHAPES: ASTM A500, GR B
 - PLATES, ANGLES, CHANNELS: ASTM, A36
 - ALL COLUMN BASEPLATES: ASTM, A572 GR 50
- C. ALL WELDING SHALL BE DONE BY QUALIFIED WELDERS AND SHALL CONFORM TO THE CODE FOR ARC AND GAS WELDING IN BUILDING CONSTRUCTION, LATEST EDITION.
- D. THE GENERAL CONTRACTOR SHALL SUBMIT TO THE ARCHITECT, FOR REVIEW, ENGINEERED AND CHECKED SHOP DRAWINGS SHOWING SHOP FABRICATION DETAILS, FIELD ASSEMBLY DETAILS AND ERECTION DRAWINGS FOR ALL STRUCTURAL STEEL.
- E. ALL CONNECTIONS SHALL BE DESIGNED AND DETAILED BY THE FABRICATOR. DETAILING SHALL BE PERFORMED USING RATIONAL ENGINEERING DESIGN AND STANDARD PRACTICE IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. THE GENERAL DETAILS SHOWN ON THE DRAWINGS ARE CONCEPTUAL ONLY AND DO NOT INDICATE THE REQUIRED NUMBER OF BOLTS OR WELD SIZES, UNLESS SPECIFICALLY NOTED.
- F. ALL CONNECTIONS SHALL BE SIMPLE SHEAR CONNECTIONS UTILIZING HIGH-STRENGTH BOLTS IN BEARING-TYPE CONNECTIONS (UNO) WITH THREADS INCLUDED IN THE SHEAR PLANE.
- G. NON-COMPOSITE BEAM CONNECTIONS SHALL BE DESIGNED FOR THE REACTION DUE TO MAXIMUM ALLOWABLE LOAD FOR THE APPROPRIATE SPAN AND SHAPE BASED ON THE BEAM TABLES OF THE AISC, MANUAL OF STEEL CONSTRUCTION (9TH EDITION).
- H. MINIMUM NUMBER OF BOLT ROWS BASED ON MEMBER DEPTH FOR Ø C SHAPES ARE AS FOLLOWS:
 - UP TO 12" DEEP: 2 ROWS
 - 14" TO 18" DEEP: 3 ROWS
 - 18" TO 21" DEEP: 4 ROWS
 - 24" DEEP: 5 ROWS
- J. ALL SIMPLE SHEAR CONNECTIONS SHALL BE CAPABLE OF END ROTATION AS PER THE REQUIREMENTS OF THE AISC, CODE SECTION ON UNRESTRAINED MEMBERS, SECTION J2.
- K. ALL BEAMS AND GIRDERS SHALL BE FABRICATED WITH NATURAL CAMBER UP.
- L. AFTER FABRICATION, ALL STEEL SHALL BE CLEANED OF ALL RUST, LOOSE MILL SCALE AND OTHER FOREIGN MATERIALS.
- M. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTROL OF ALL ERECTION PROCEDURES AND SEQUENCES WITH RELATION TO TEMPERATURE DIFFERENTIALS.
- N. THERE SHALL BE NO FIELD CUTTING OF STRUCTURAL STEEL MEMBERS FOR THE WORK OF OTHER TRADES WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT.
- O. ALL ADDITIONAL STEEL REQUIRED BY THE CONTRACTOR FOR ERECTION PURPOSES AND SITE ACCESS OF STOCKPILED MATERIALS SHALL BE PROVIDED AT NO COST TO THE OWNER. ALL SUCH ADDITIONAL STEEL SHALL BE REMOVED BY THE CONTRACTOR.
- P. ALL STEEL EXPOSED TO EARTH SHALL BE PAINTED WITH BITUMINOUS COATING.
- Q. ALL STRUCTURAL STEEL EXPOSED TO THE WEATHER SHALL BE SHOP PRIMED & FIELD PAINTED W/TWO COATS OF PAINT.
- R. ALL WELDED JOINTS SHALL COMPLY W/ THE PROVISIONS OF AISC D11, STRUCTURAL WELDING CODE BY AMERICAN WELDING SOCIETY (SECTION 2.207). THE GC SHALL MAKE PROOF OF WELDER CERTIFICATION AVAILABLE AT THE JOB SITE.

STRUCTURAL ABBREVIATIONS

ADD'L - ADDITIONAL	LOCN - LOCATION	HK - HOOK
ANB - ANCHOR BOLT	M - MOMENT	HR - HOUR
ARCH - ARCHITECTURAL	MFG - MANUFACTURER	HORIZ - HORIZONTAL
@ - AT	MECH - MECHANICAL	INFO - INFORMATION
BM - BEAM	MFH - MILES PER HOUR	INT - INTERIOR
BRS - BEARINGS	MAX - MAXIMUM	JT - JOINT
BLK - BLOCK	MFR - MANUFACTURER	K-FT - KIP-FEET
BOT - BOTTOM, BOTTOM BAR	MTL - METAL	K-FT - KIPS PER FOOT
BLDG - BUILDING	MIN - MINIMUM	L - ANGLE
CL - CLEAR	MISC - MISCELLANEOUS	LG - LONG
COL - COLUMN	NIC - NOT IN CONTRACT	LLC - LONG LEG OUT
CONC - CONCRETE	NO - NUMBER	LLV - LONG LEG VERTICAL
CON - CONNECTION	O/C, O.C. - ON CENTER	TC/CONC - TOP OF CONCRETE
CMU - CONCRETE MASONRY UNIT	OPNG - OPENING	T/S LAB - TOP OF SLAB
CONST - CONSTRUCTION	OH - OPPOSITE HAND	T/FTG - TOP OF FOOTING
CONT - CONTINUOUS	P - PAN	TYP - TYPICAL
CONTR - CONTRACTOR	PAF - POWDER ACTUATED FASTENER	UNO - UNLESS NOTED OTHERWISE
D - DEEP	PL - PLATE	VERT - VERTICAL
DSN - DESIGN	POST - POST TENSIONED	W - WIDE
DET, DTL - DETAIL	PTS - POINTS	W/ - WITH
DIA - DIAMETER	PHSE - PENTHOUSE	WP - WORKING POINT
DIM - DIMENSION	PIF - POUNDS PER SQ. FOOT	WT - WEIGHT
DWG - DRAWING	PSI - POUNDS PER SQ. INCH	WUF - WELDED WIRE FABRIC
DUAL DOUEL	REF - REFERENCE	
EA - EACH	REIN - REINFORCING	
EF - EACH FACE	REQD - REQUIRED	
ELEV - ELEVATION	REBAR - REINFORCING BAR	
ETD - ELEVATION TOP OF FOOTING	SCHED - SCHEDULE	
ETC - ET CETERA	SECT - SECTION	
EQ - EQUAL	SLV - SHORT LEG VERTICAL	
EXIST, EXT'G - EXISTING	SLO - SHORT LEG OUT	
EXP - EXPANSION	SIM - SIMILAR	
EXP JT, EJ - EXPANSION JOINT	SOB - SLAB ON GRADE	
FACE OF	SPEC - SPECIFICATIONS	
FIN FL - FINISHED FLOOR	STD - STANDARD	
FEE - FINISHED FLOOR	STRIR - STIRRUPS	
ELEVATION	STRUC - STRUCTURAL	
FL - FLOOR	T - TOP BAR	
FTG - FOOTING	THK - THICK	
FLG - FLANGE	THRD - THREADED	
GA, GA - GAGE	THRU - THROUGH	
GAB - GRADED AGGR. BASE	T/S, T/S'L - TOP OF STEEL	
GALV - GALVANIZED	T/S - TOP OF BEAM	
H - HEAD		

9. MASONRY NOTES

- A. MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS (Fm) SHALL BE 1500 PSI.
- B. MATERIAL SHALL BE AS FOLLOWS:
 - CMU - GRADE N, ASTM C-90 (UNIT STRENGTH = 1300 PSI)
 - MORTAR - TYPE S FOR WALLS NOT IN CONTACT WITH EARTH
- C. GROUT FOR CONCRETE MASONRY WALL SHALL CONFORM TO ASTM C416, Fc = 3000 PSI MIN. GROUT SHALL BE CONSOLIDATED BY THOROUGHLY RODDING ALL CELLS.
- D. GROUT PLACEMENT SHALL BE LOW-LIFT. THE CONSTRUCTION JOINTS ARE TYPE M FOR WALLS IN CONTACT WITH EARTH CREATED BY THE LEVEL OF GROUT STOPPING AT 1-1/2" FROM TOP OF MASONRY AND THE STEEL REINFORCING PROJECTING ABOVE THE TOP COURSE FOR A SUFFICIENT HEIGHT TO PROVIDE A LAP AT THE SPLICE OF 48 BAR DIAMETERS. THE CONSTRUCTION JOINT SHALL BE LOCATED 3'-0" MINIMUM FROM TOP AND BOTTOM OF STRUCTURAL ELEMENTS SUCH AS SLABS, ROOFS, ETC.
- E. CONCRETE MASONRY WALLS SHALL BE TEMPORARILY BRACED DURING ERECTION. REMOVE TEMPORARY BRACING ONLY AFTER WALLS ARE CONNECTED TO SUPPORTING ELEMENTS.
- F. ALL CONCRETE BLOCK BELOW GRADE SHALL HAVE ALL CELLS FILLED WITH GROUT.
- G. ALL CELLS CONTAINING REINFORCEMENT SHALL BE GROUTED SOLID.
- H. MAXIMUM CONTROL JOINT SPACING IN MASONRY WALL = 30'-0" UNLESS NOTED. SEE ARCHITECTURAL DRAWINGS FOR LOCATION.
- I. PROVIDE THE FOLLOWING REINFORCEMENT IN ADDITION TO REINFORCEMENT SHOWN ON THE PLANS, SECTIONS, & DETAILS:
 - CONTINUOUS BOND BEAM REIN W/4 CONT @ MID-HEIGHT OF ALL MASONRY WALLS.
 - CONTINUOUS 3 GA LADDER TYPE HORIZONTAL JOINT REINFORCEMENT AT 16" O.C. VERTICALLY.
- J. PROVIDE FOOTING DOUELS AT ALL CONCRETE MASONRY WALL VERTICAL REINFORCING. DOUELS SHALL HAVE STANDARD HOOKS AND MINIMUM FOOTING EMBEDMENT OF 8". DOUELS SHALL BE OF SUFFICIENT LENGTH TO PROVIDE 48 BAR DIAMETER LAP WITH VERTICAL REINFORCING. DOUELS SHALL BE OF SAME SIZE AND LOCATION AS VERTICAL WALL REINFORCING.
- K. SEE ARCHITECTURAL DRAWINGS FOR ALL CMU WALL OPENING SIZES AND LOCATIONS.
- L. ALL CMU SHALL BE PLACED IN RUNNING BOND.
- M. ALL MASONRY CONSTRUCTION AND INSPECTION SHALL COMPLY WITH ACI 530-95 & ACI 530.1-95.
- N. ALL MASONRY CONSTRUCTION SHALL BE INSPECTED AND TESTED PER THE REQUIREMENTS OF ACI 530.1-95. COSTS OF THE SERVICES OF AN INDEPENDENT TESTING LABORATORY TO PERFORM TESTING AND INSPECTION SERVICES SHALL BE BORNE BY THE OWNER.
- O. CMU GROUT FILL SHALL ARRIVE AT THE JOB SITE WITH A SLUMP BETWEEN 3" TO 5". PRIOR TO DEPOSITING GROUT, SUPERPLASTICIZER SHALL BE ADDED TO THE GROUT AT THE JOB SITE INCREASING THE SLUMP TO 8" TO 10".
- P. CMU WALL REINFORCING SHOP DRAWINGS SHALL BE SUBMITTED TO THE ARCHITECT PRIOR TO FABRICATION. DRAWINGS SHALL SHOW ALL WALL AND PILASTER REINFORCING IN PLAN AND IN ELEVATION.
- Q. PROVIDE CORNER BARS AT ALL BOND BEAMS TO ENSURE CONTINUITY AT CORNERS. LAP CORNER BARS 48 BAR DIAMETERS WITH BOND BEAM BARS.
- R. PROVIDE BAR SUPPORTS AND POSITIONERS AS REQUIRED TO ENSURE THAT FINAL IN-PLACE LOCATION OF REINFORCING IS AS INDICATED ON THE DRAWINGS.
- S. MASONRY SHALL BE PROTECTED FROM FREEZING DURING PLACEMENT & CURING. COLD WEATHER MASONRY PROCEDURES SHALL COMPLY W/ACI 530-95 & ACI 530.1-95.
- T. THE GENERAL CONTRACTOR SHALL PROVIDE AND INSTALL BRACING AND SHORING FOR ALL MASONRY WALLS AS REQUIRED TO ENSURE STABILITY DURING CONSTRUCTION.

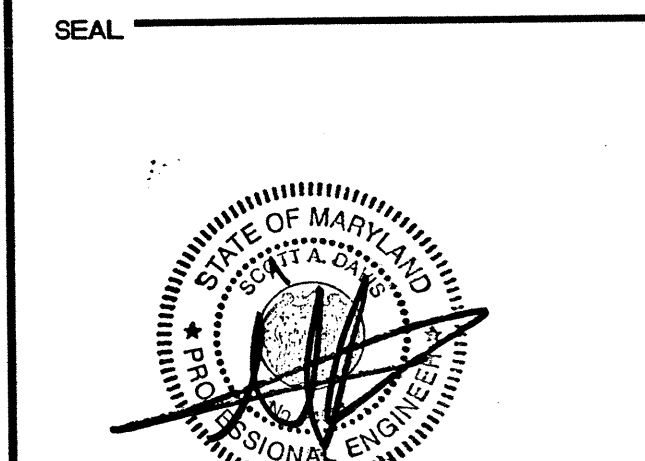
REVISION #11 SUMMARY

- A. ADDED NOTES.

THE PRESTON PARTNERSHIP, LLC
A MULTI-DISCIPLINARY DESIGN FIRM
1000 ABERNATHY ROAD NE, SUITE 600
ATLANTA, GEORGIA 30328
TELEPHONE: 770 396 7248
FAX: 770 396 2945

WWW.THEPRESTONPARTNERSHIP.COM

CONSULTANT



PROJECT

**ARCHSTONE
KENTLANDS**
949 QUINCE ORCHARD ROAD
GATHERSBURG, MARYLAND

FOR

**ARCHSTONE
COMMUNITIES**
6631 OLD DOMINION DRIVE
MCLEAN, VIRGINIA 22101
703-883-3353

REVISIONS

RELEASED FOR CONSTRUCTION	07/18/03
CLUBHOUSE DESIGN	09/05/03

DATE

JOB NUMBER 02111008

DRAWN BY BTM

CHECKED BY KM

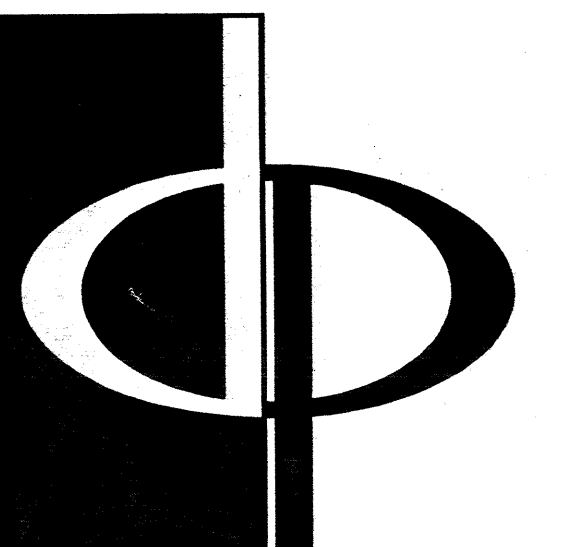
DRAWING TITLE

DRAWING NUMBER

COMMENTS

PARKING DECK
GENERAL NOTES

SP-01



THE PRESTON PARTNERSHIP, LLC
A MULTI-DISCIPLINARY DESIGN FIRM

1000 ABERNATHY ROAD NE, SUITE 600
ATLANTA, GEORGIA 30328
TELEPHONE: 770 396 7248
FAX: 770 396 2945

WWW.THEPRESTONPARTNERSHIP.COM
CONSULTANT

SEAL

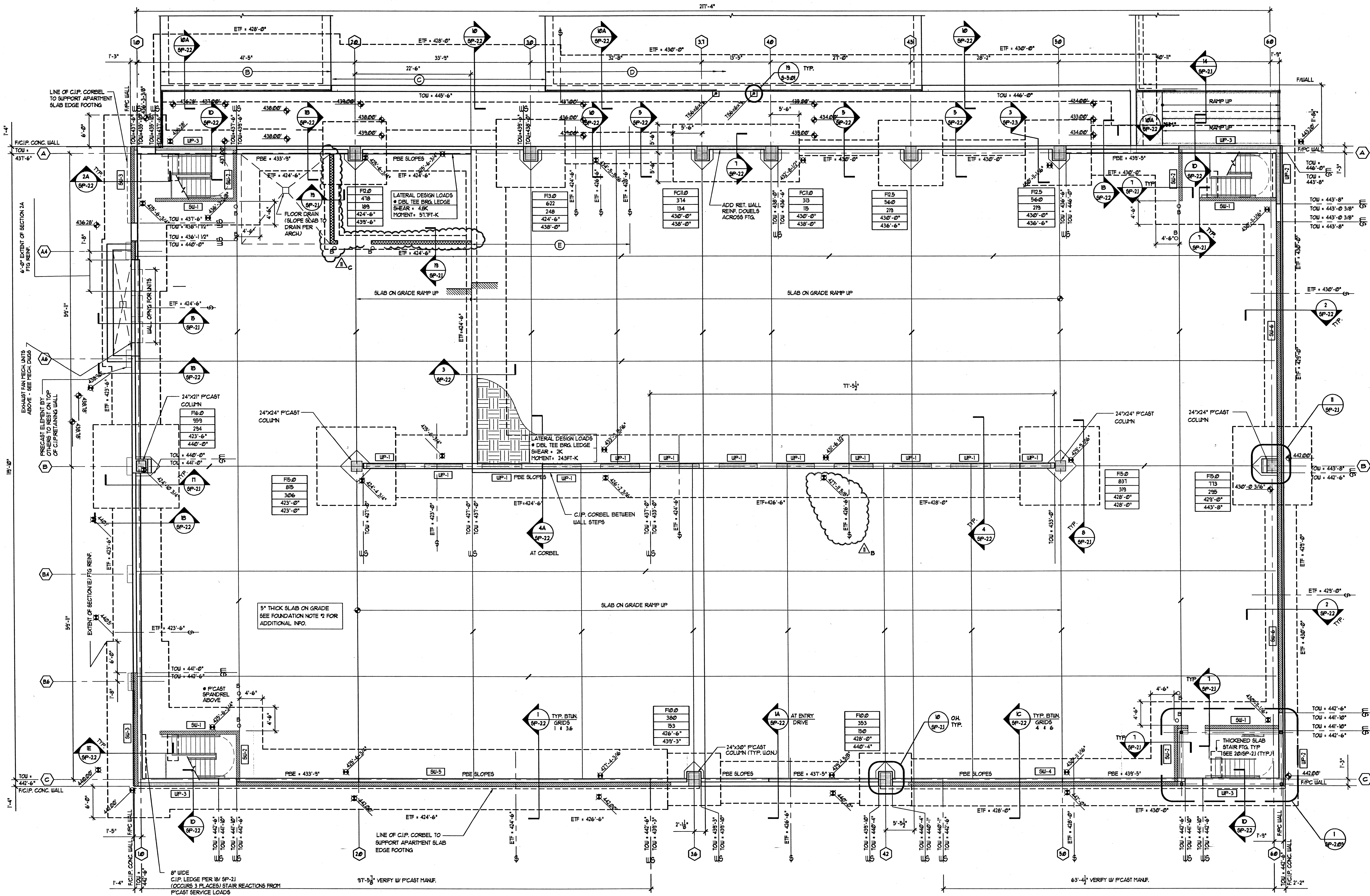


PROJECT
**ARCHSTONE
KENTLANDS**
349 QUINCE ORCHARD ROAD
GAINESBURG, MARYLAND

FOR
**ARCHSTONE
COMMUNITIES**
6631 OLD DOMINION DRIVE
MCLEAN, VIRGINIA 22101
703-883-3353

REVISIONS
RELEASED FOR CONSTRUCTION 07/18/03
CLUBHOUSE DESIGN 09/25/03

DATE 07/31/03
JOB NUMBER 0211028
DRAWN BY DCO
CHECKED BY K1
DRAWING TITLE PARKING DECK FOUNDATION PLANS
DRAWING NUMBER SP-1.1
COMMENTS



- FOUNDATION NOTES**
- SEE ARCH. DRAWINGS FOR TOP OF SLAB ELEVATIONS AND SLAB SLOPES NOT SHOWN.
 - SLAB ON GRADE SHALL BE 5" THK SLAB OVER A 6-MIL THICK POLYETHYLENE LINER OVER A 4" MIN. BASE COURSE OF CRUSHED STONE. SLAB REIN. SHALL CONSIST OF A FLAT SHEET WUF 6x6-#2@24" LOCATED 1" FROM TOP OF SLAB.
 - ⊕ DENOTES FOOTING STEP. SEE 6/SP-21 FOR TYP. DETAIL.
 - ⊕ DENOTES STEP IN TOP OF WALL ELEVATION.
 - DENOTES SLAB ON GRADE CONTRACTION JOINT OR CONTROL JOINT. GC LOCATE CONSTRUCTION JOINTS AS REQ'D. SEE 1/SP-21 & 2/SP-21.
 - ⊕ DENOTES REFERENCE TOP OF SLAB ELEVATION. SEE ARCH. DRAWINGS FOR SLOPES.
 - + DENOTES APPROXIMATE EXTERIOR SPOT ELEVATIONS FOR REFERENCE ONLY. SEE CIVIL DWGS FOR ACTUAL ELEVATIONS.
 - ⊕ DENOTES 8" C/W WALL PER MASONRY NOTES.
 - ⊕ DENOTES PRECAST WALL PANEL. [UP-3]
 - ⊕ DENOTES PRECAST SHEAR WALL. [SU-3]
 - ⊕ DENOTES RETAINING WALL PER 10/SP-22.
 - TOU = 442'-6"
 - ETF = 424'-6"
 - PBE = 424'-6"
 - SEE 3/SP-21 FOR TYPICAL SLAB ON GRADE BLOCK OUT AT PRECAST COLUMNS.
 - FOOTINGS SHOWN ON PLAN ARE NOT TO SCALE. SEE SCHED FOR ACTUAL SIZES.
 - FOUNDATION IS DESIGNED FOR VERT. EARTHQUAKE COMPONENT, Ev = 102 x 5ds x DL WHERE APPLICABLE.

- FOUNDATION LEGEND:**
- FOOTING MARK SEE SCHEDULE
SERVICE LIVE LOAD F3.0
SERVICE DEAD LOAD 12 KIPS
PRECAST BEARING ELEVATION 102/6.5'
- STAIR H. 5-220
STAIR J. 5-225
STAIR K. 5-210
STAIR L. 5-215
- TOP OF WALL FTG SHALL MATCH TOP OF ADJACENT COLUMN FTG UNO.
 - REFER TO PRECAST WALL LOAD SCHEDULE FOR REQUIRED WALL DOUELS AT PRECAST HOLD-DOWN LOCATIONS. REFER TO PRECAST SUPPLIER FOR ANCHORAGE PLACEMENT IN C/W WALLS.
 - FOR ROOF TRUSS INFORMATION REFER TO SHEET.
 - MAXIMUM TEE STEM SERVICE LOAD REACTIONS ON LEDGE IS 205K/LL AND 185K/LL AT THE TRASH COMPACTOR ONLY. (PER SHOCKEY PC/CAST GROUP).
 - THE NEXT HIGHEST TEE STEM REACTION IS 145K/LL AND 83K/LL AT THE 12'-0" WIDE DOUBLE TEE AT GRID 15 BETWEEN GRID A18 (PER SHOCKEY PRECAST GROUP).
 - ALL OTHER DOUBLE TEE SERVICE LOAD STEM REACTIONS ARE BASED ON 248PLR/LL + 148PLR/LL (PER SHOCKEY PRECAST GROUP).
 - LATERAL DESIGN LOADS = DBL TEE BEARING LEDGE PER SHOCKEY PC/CAST GROUP SHOWN ON PLANS.
- 1 PARKING DECK FOUNDATION PLAN**
SCALE: 1/8"=1'-0"

FOOTING SCHEDULE

MARK	SIZE	REINFORCING E/W, BOTT UNO	REQUIRED ALLOWABLE BEARING PRESSURE	COMMENTS
FB3	9'-6"x9'-6"x26"	10-#8	6000 PSF	...
FB10	10'-0"x10'-0"x26"	12-#8	6000 PSF	...
FB2	12'-0"x12'-0"x32"	10-#8	6000 PSF	...
FB3	12'-6"x12'-6"x33"	12-#8	6000 PSF	...
FB10	13'-0"x13'-0"x36"	15-#8	6000 PSF	...
FB4	14'-0"x14'-0"x40"	15-#8	6000 PSF	...
FB5	15'-0"x15'-0"x42"	18-#8	6000 PSF	...
FB6	16'-0"x16'-0"x44"	20-#8	6000 PSF	...
FC10	17'-0"x24'-5"x30"	12-#8 TOP & BOTT LONG 25-#8 BOTT SHORT	6000 PSF	...

- NOTES:**
- UF DENOTES CONTINUOUS WALL FOOTING.
 - LONG DENOTES CONTINUOUS LONGITUDINAL WALL FOOTING REINFORCEMENT TRANS DENOTES TRANSVERSE WALL FOOTING REINFORCEMENT.
 - WALL FOOTING REINFORCING SHALL BE CONTINUOUS THROUGH SPREAD FOOTING (AT ENDS, TAKE WALL REINFORCING TO FAR SIDE OF FOOTING).
 - WALL ANCHORAGE TO FOOTINGS AND C/W CONC. WALLS IS PER PRECAST SUPPLIER.
 - REQUIRED ALLOWABLE BEARING PRESSURE EXCEEDS 6000 PSF. GEOTECHNICAL ENGINEER SHALL FIELD VERIFY ACTUAL ALLOWABLE BERG PRESSURE AFTER FOOTING IS EXCAVATED AND PRIOR TO CONCRETE PLACEMENTS.

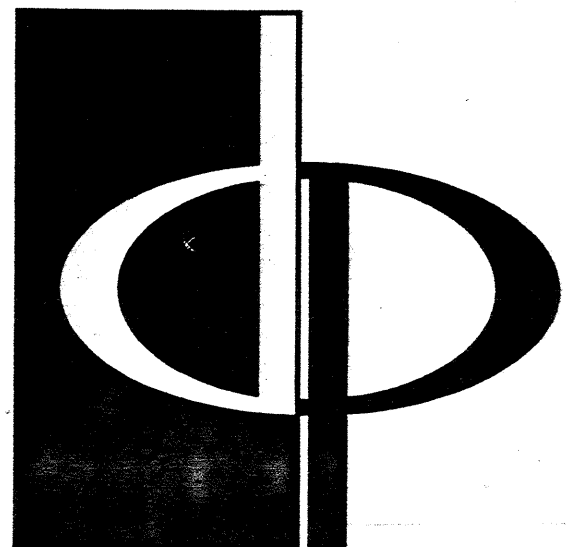
PRECAST WALL LOAD SCHEDULE

MARK	DEAD LOAD	LIVE LOAD	SHEAR	MOMENT	COMMENTS
SU-1	402 k	133 k	386 k	2692 k-ft	...
SU-2	325 k	122 k	86 k	444 k-ft	...
SU-3	344 k	47 k	132 k	6140 k-ft	PROVIDE ADD'L 4-#8 DOUELS TO FTG. # FC HOLD-DOWNS.
SU-4	290 k	71 k	32 k	164 k-ft	PROVIDE ADD'L 2-#8 DOUELS TO FTG. # FC HOLD-DOWNS.
SU-5	222 k	71 k	43 k	1862 k-ft	PROVIDE ADD'L 2-#8 DOUELS TO FTG. # FC HOLD-DOWNS.
SU-6	170 kLF	.....	23 k	172 k-ft	PROVIDE ADD'L 2-#8 DOUELS TO FTG. # FC HOLD-DOWNS.
UP-1	310 k	180 k	.....	.....	...
UP-2	140 k	47 k	.....	.....	...
UP-3	142 k	3 k	.....	.....	...

- NOTES:**
- ALL LOADS SHOWN ARE PROVIDED BY "SHOCKEY PRECAST GROUP" AND "BLUE RIDGE DESIGN, INC."
 - SU DENOTES SHEARWALL AND UP DENOTES PRECAST WALL PANEL.
 - DEAD AND LIVE LOADS ARE SERVICE LOADS (UNFACTORED).
 - SHEAR AND MOMENT LOADS ARE STRENGTH LEVEL FORCES.
 - WORST CASE DEAD/LIVE LOAD VALUES ARE SHOWN ABOVE.
 - ALL PRECAST WALL ANCHOR EMBEDS TO BE PROVIDED BY PRECAST MANUFACTURER. SEE 2/SP-21 FOR CONFINEMENT TIES.

REVISION #11 SUMMARY

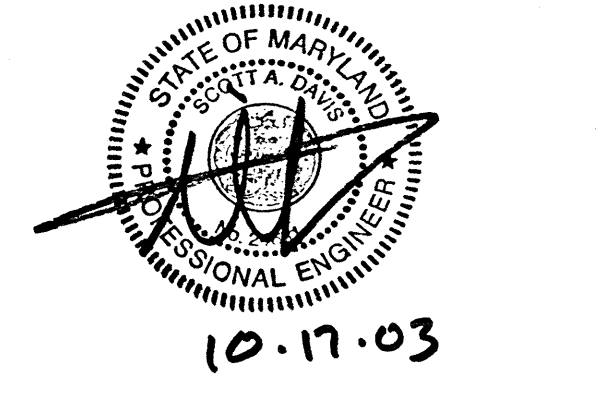
- A. ADDED NOTE
- B. REVISED ELEV.
- C. REVISED WALL



THE PRESTON PARTNERSHIP, LLC
A MULTI-DISCIPLINARY DESIGN FIRM

1000 ABERNATHY ROAD NE, SUITE 600
ATLANTA, GEORGIA 30328
TELEPHONE: 770 396 7248
FAX: 770 396 2945

WWW.THEPRESTONPARTNERSHIP.COM
CONSULTANT

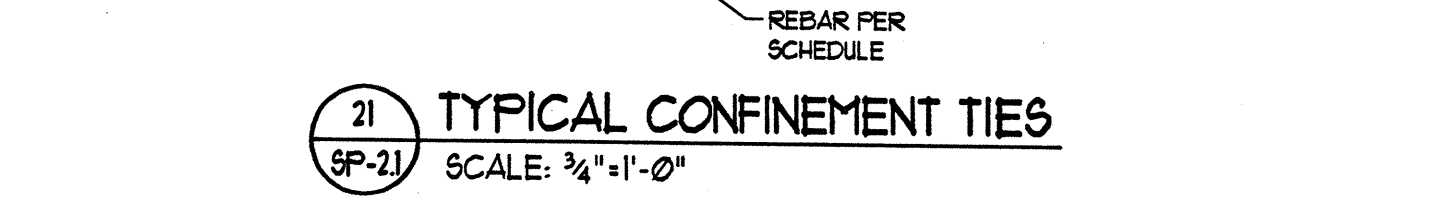
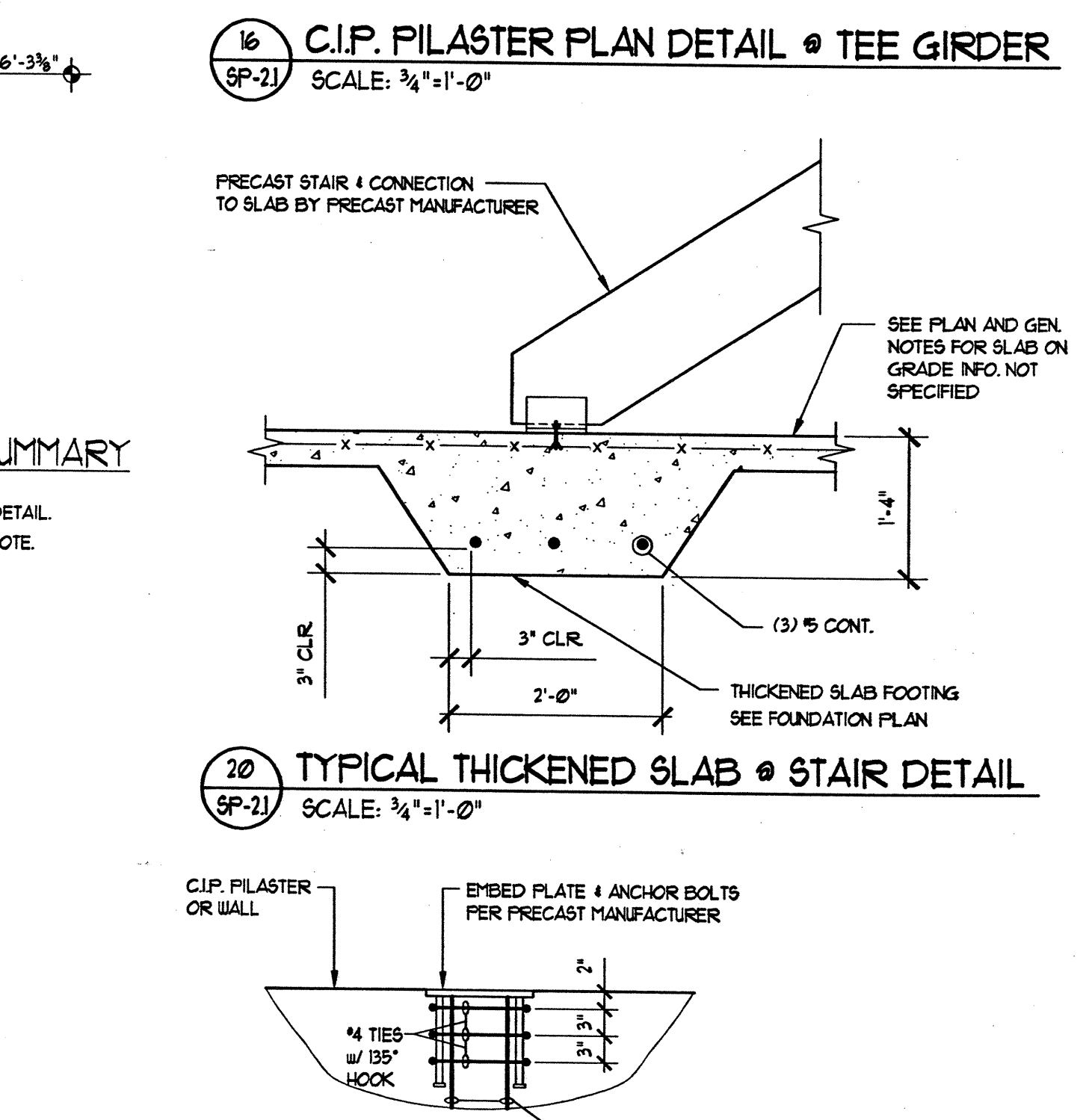
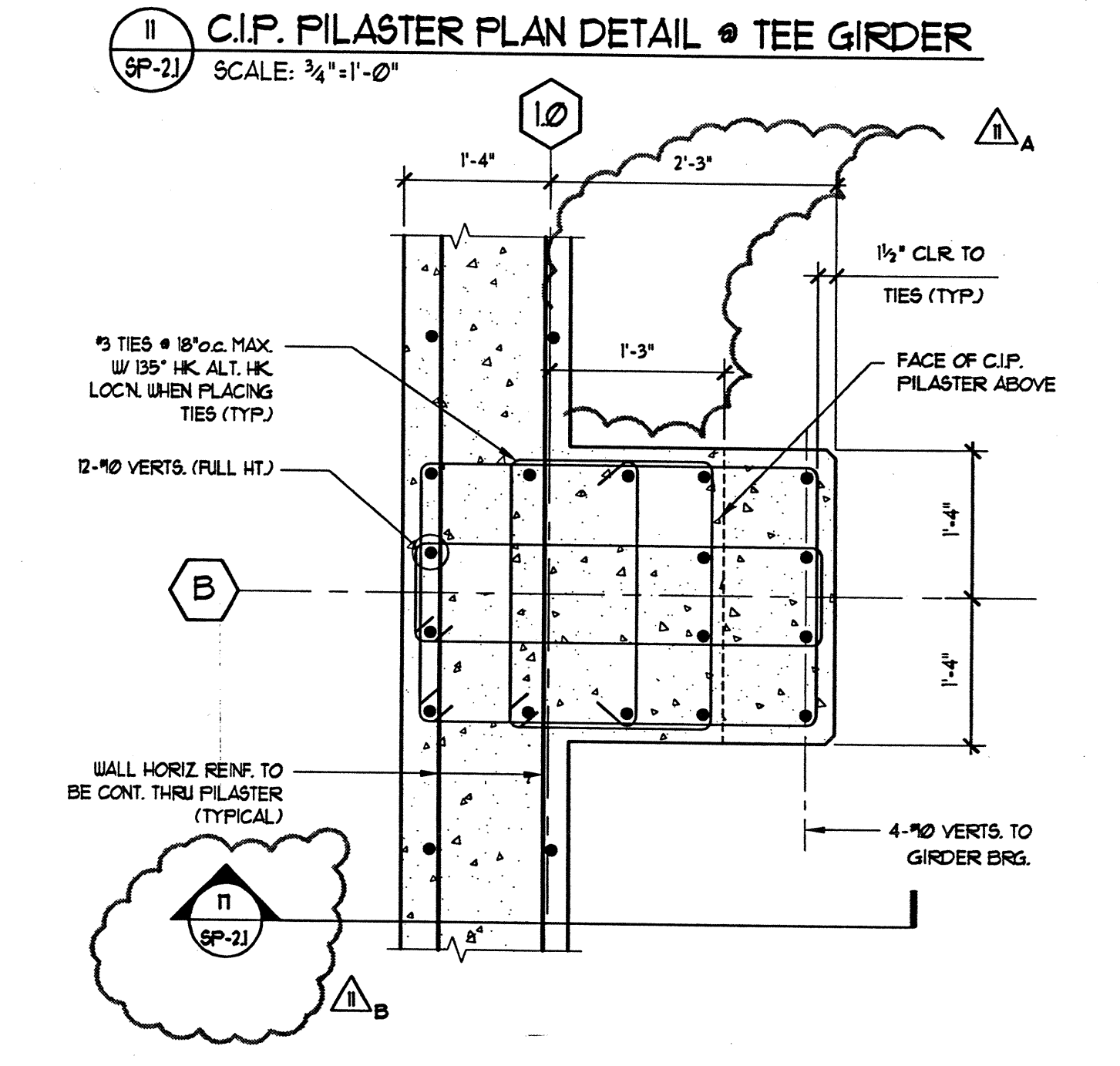
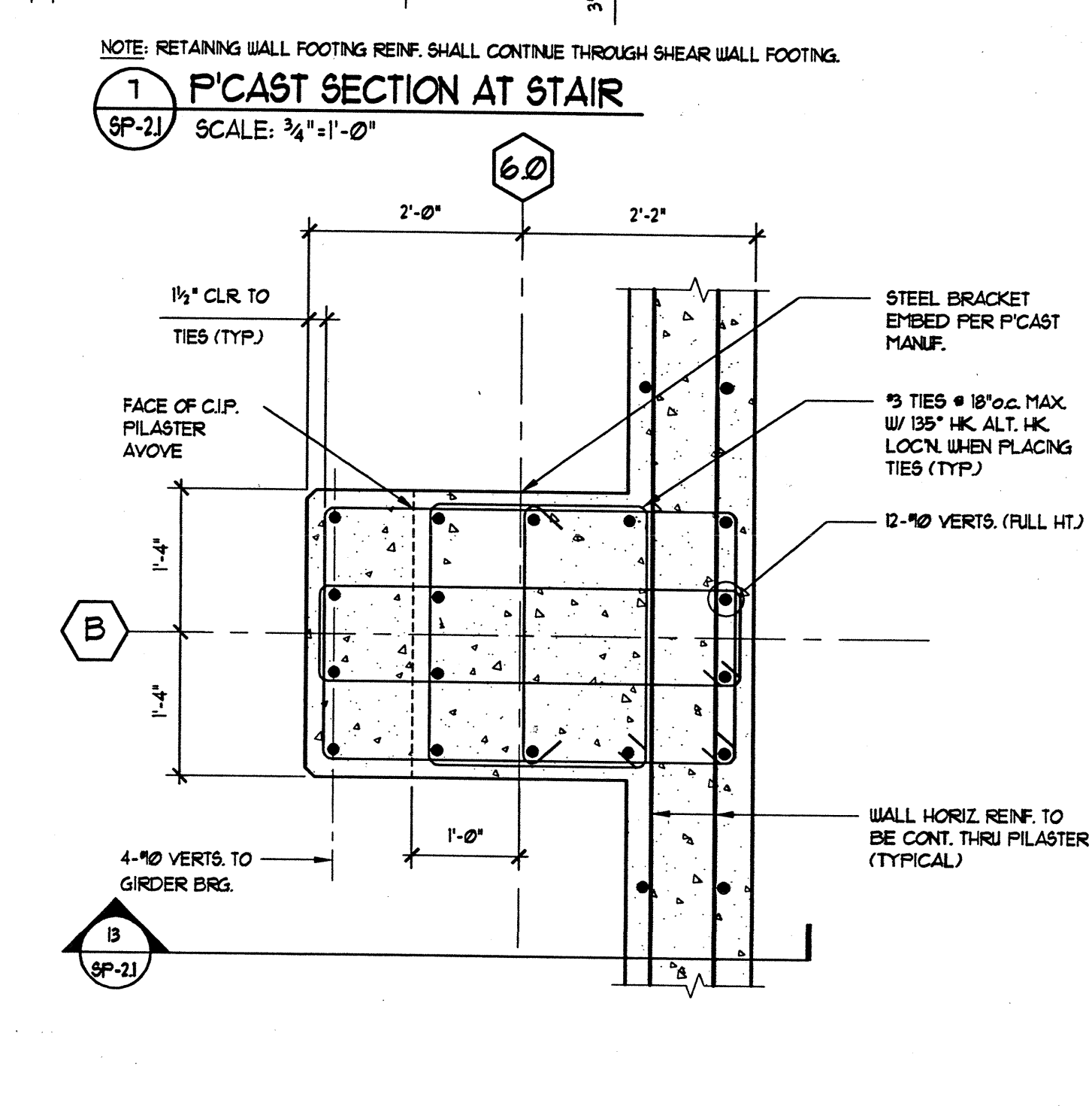
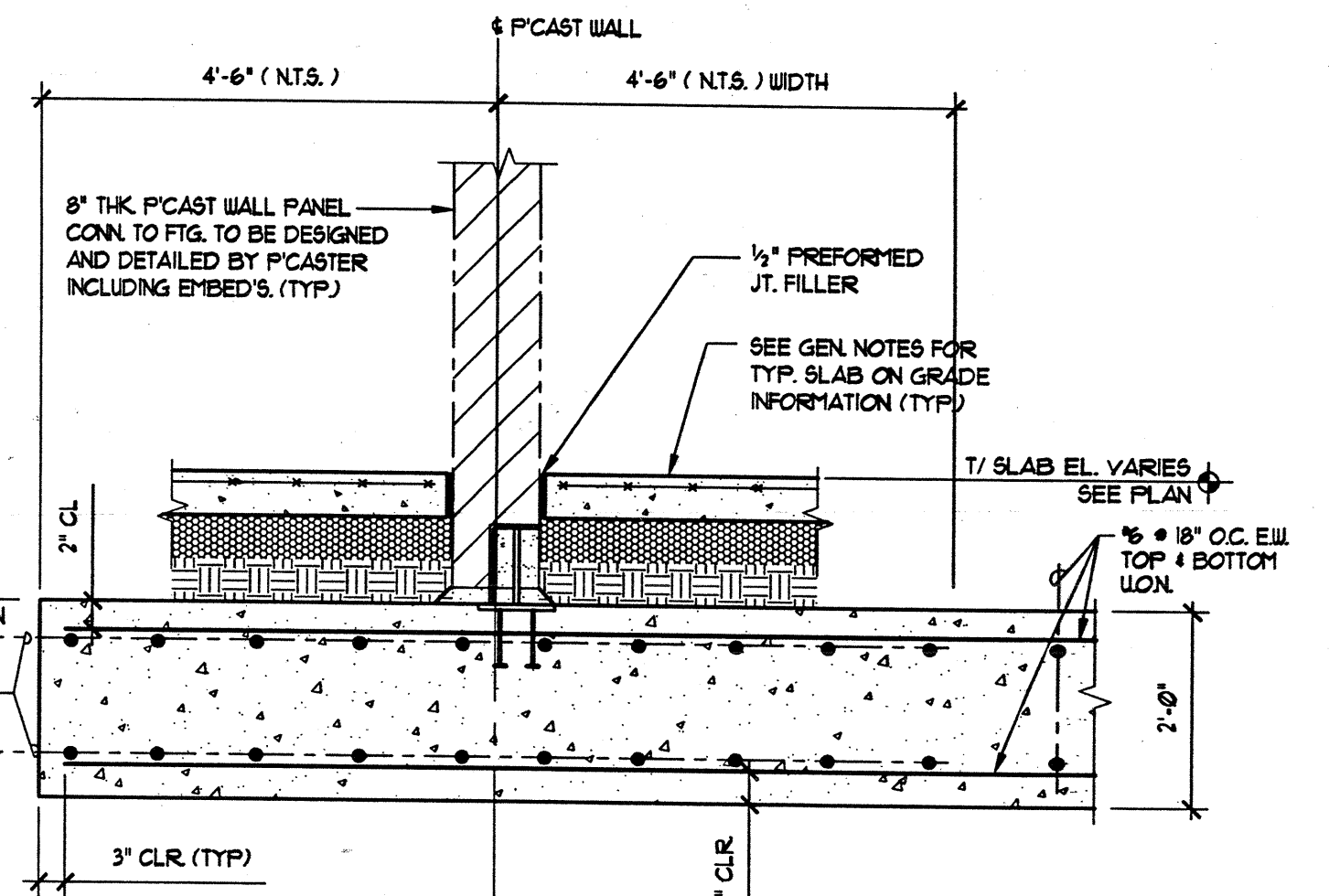
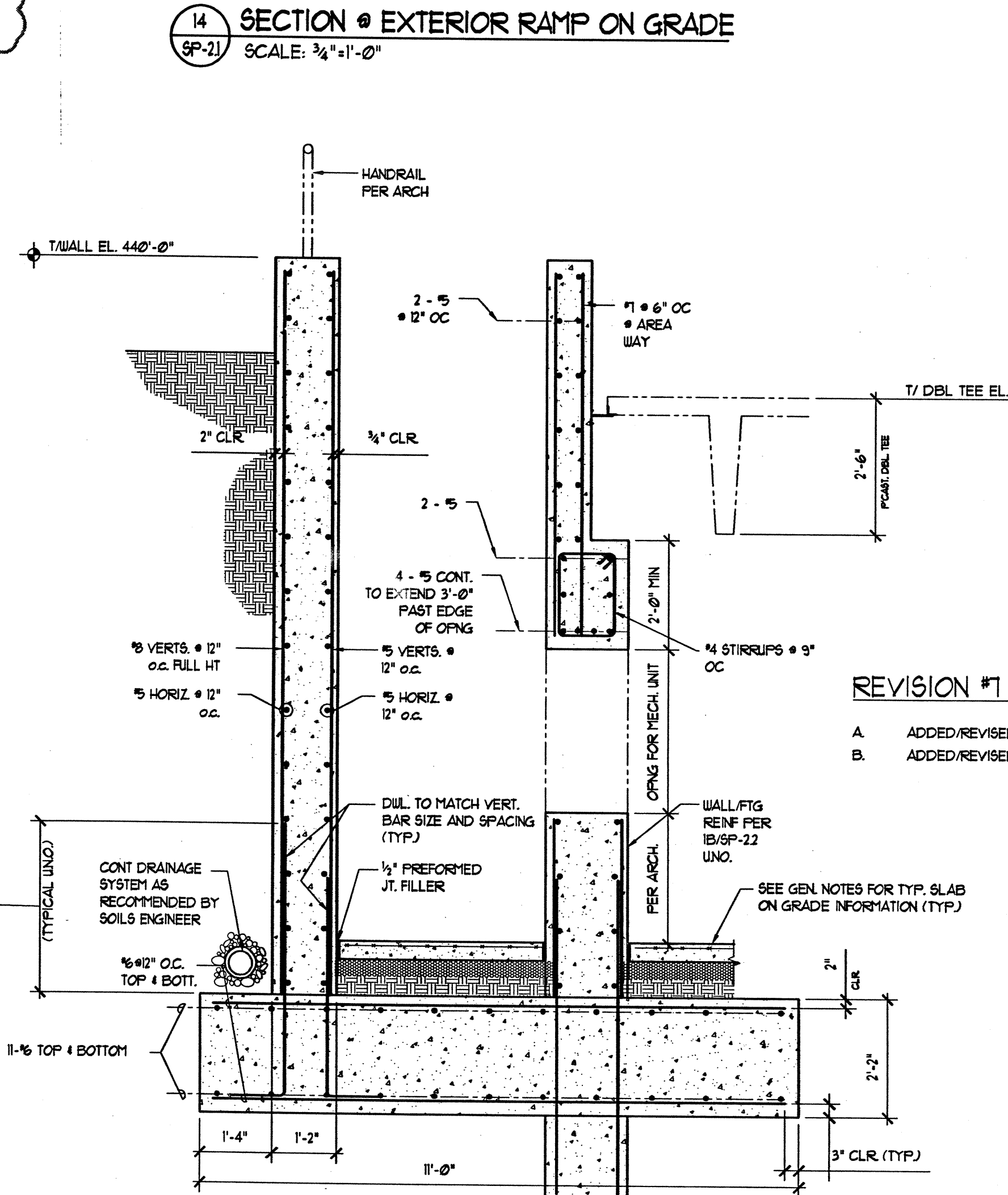
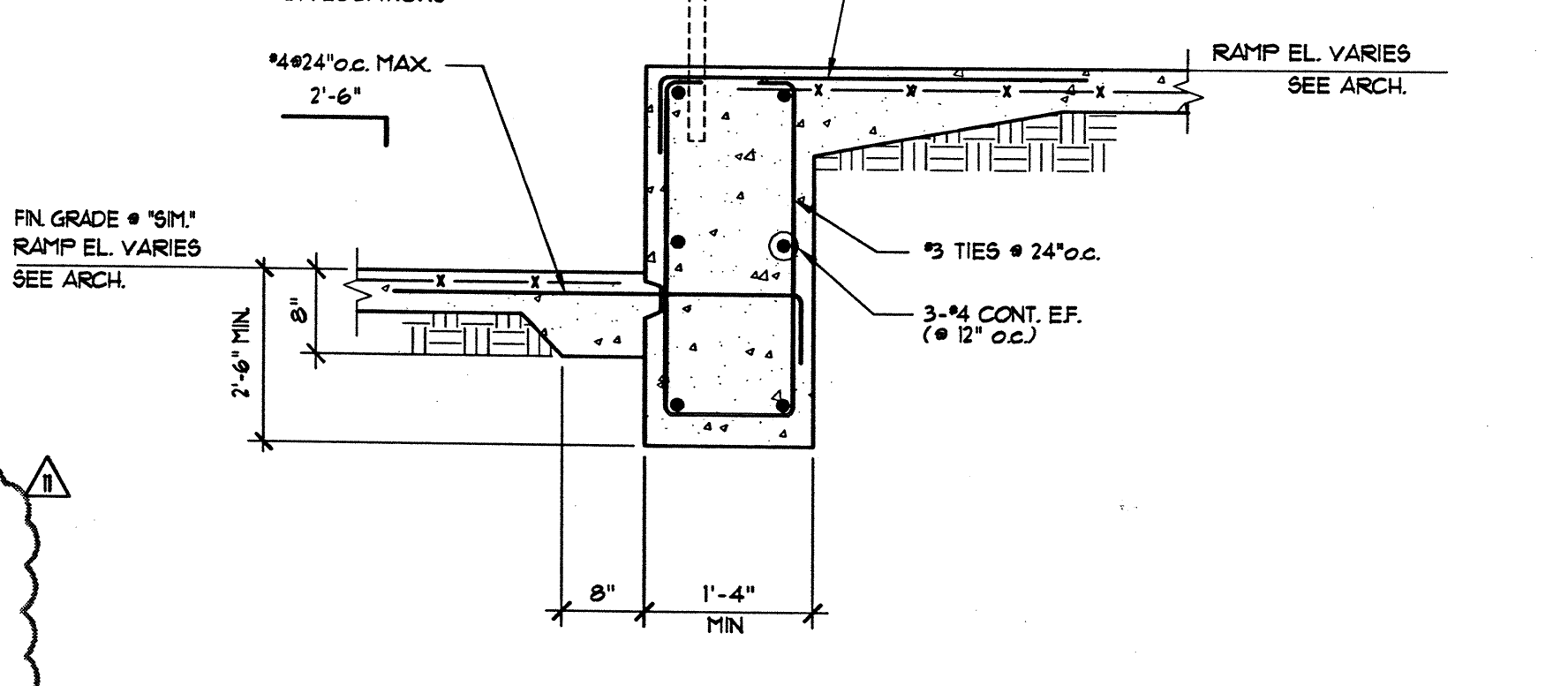
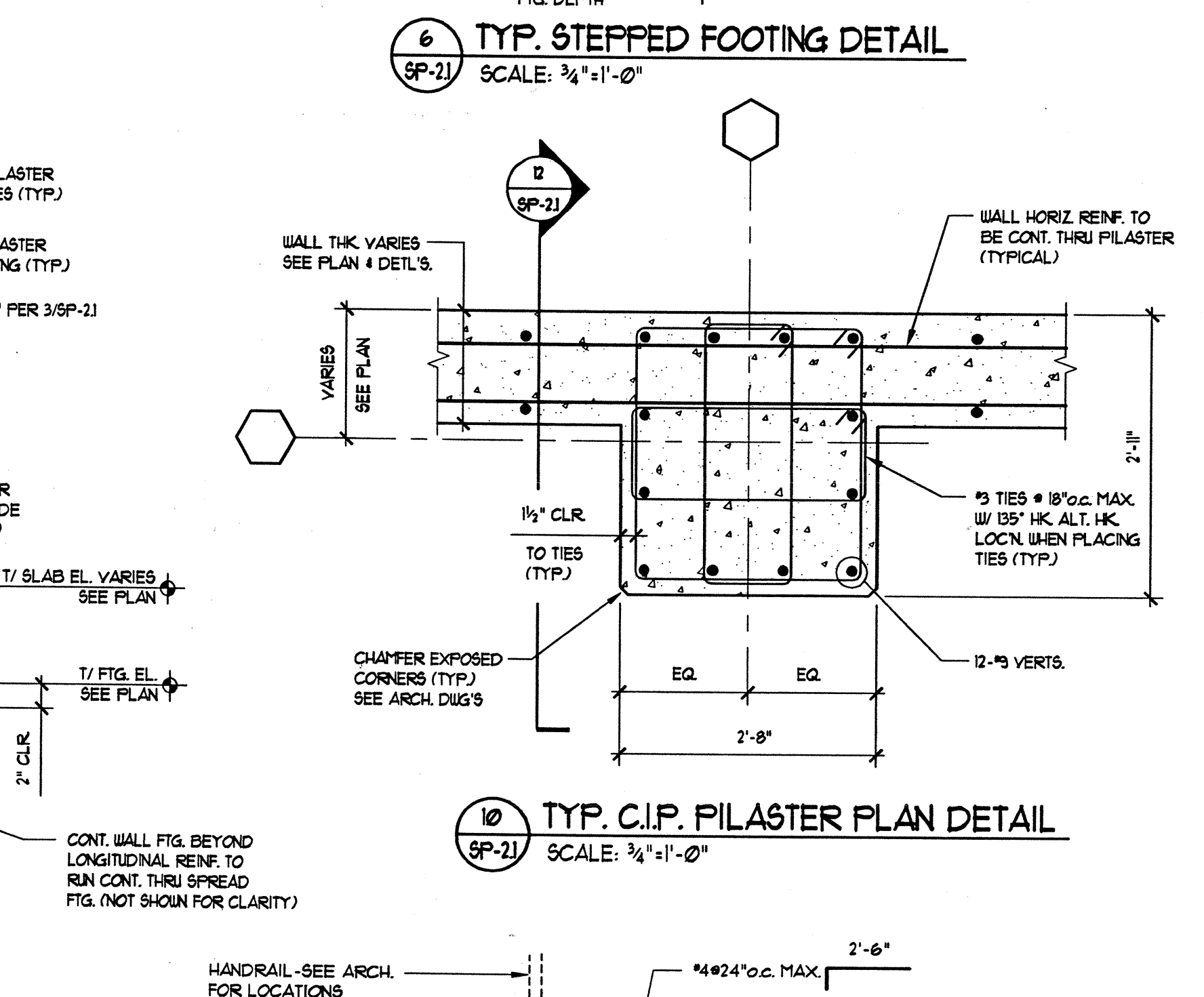
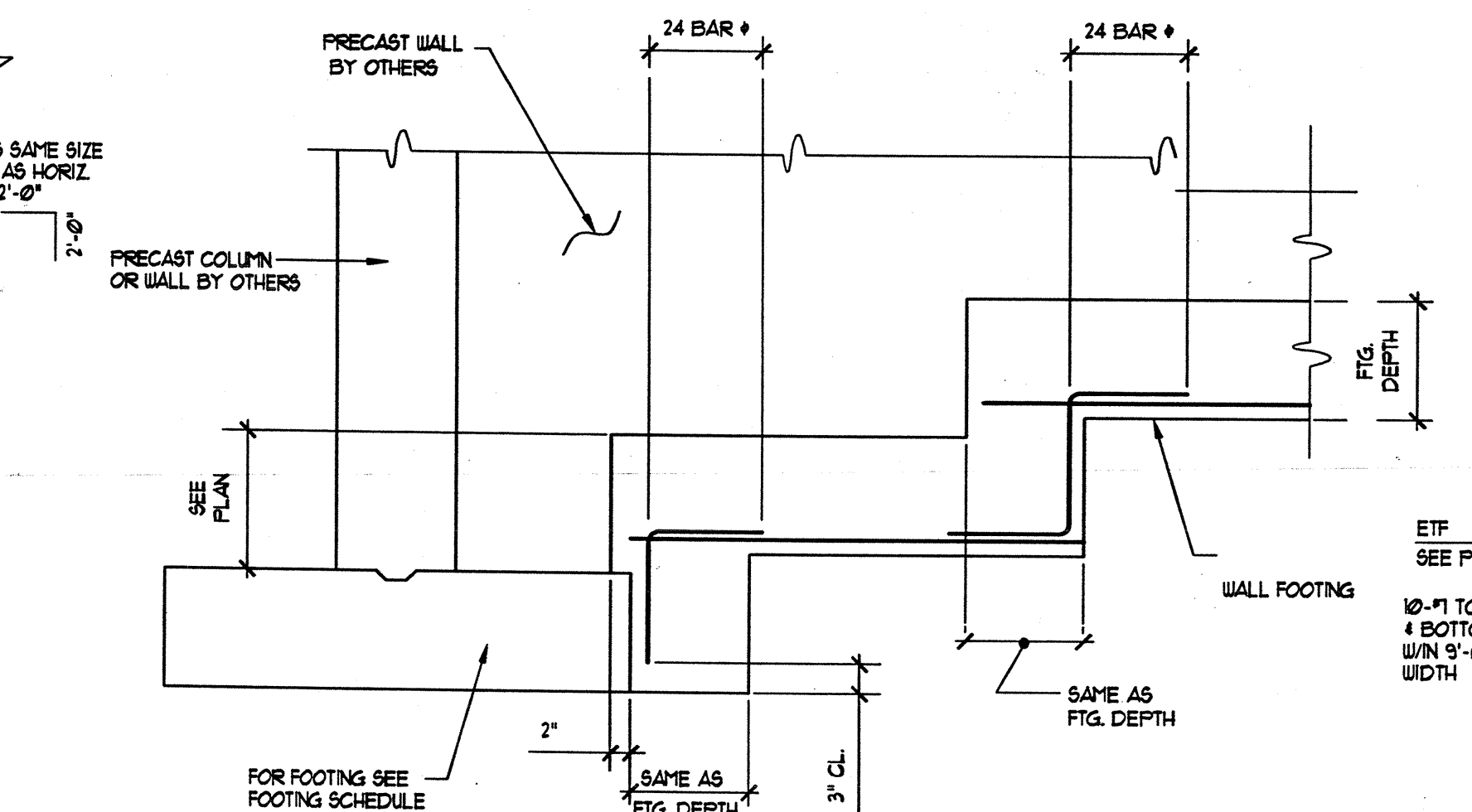
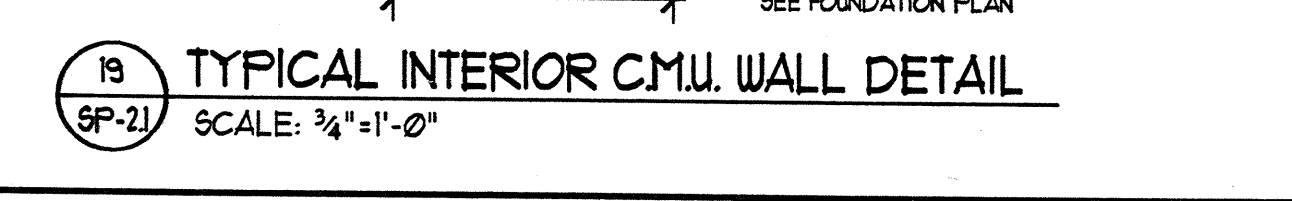
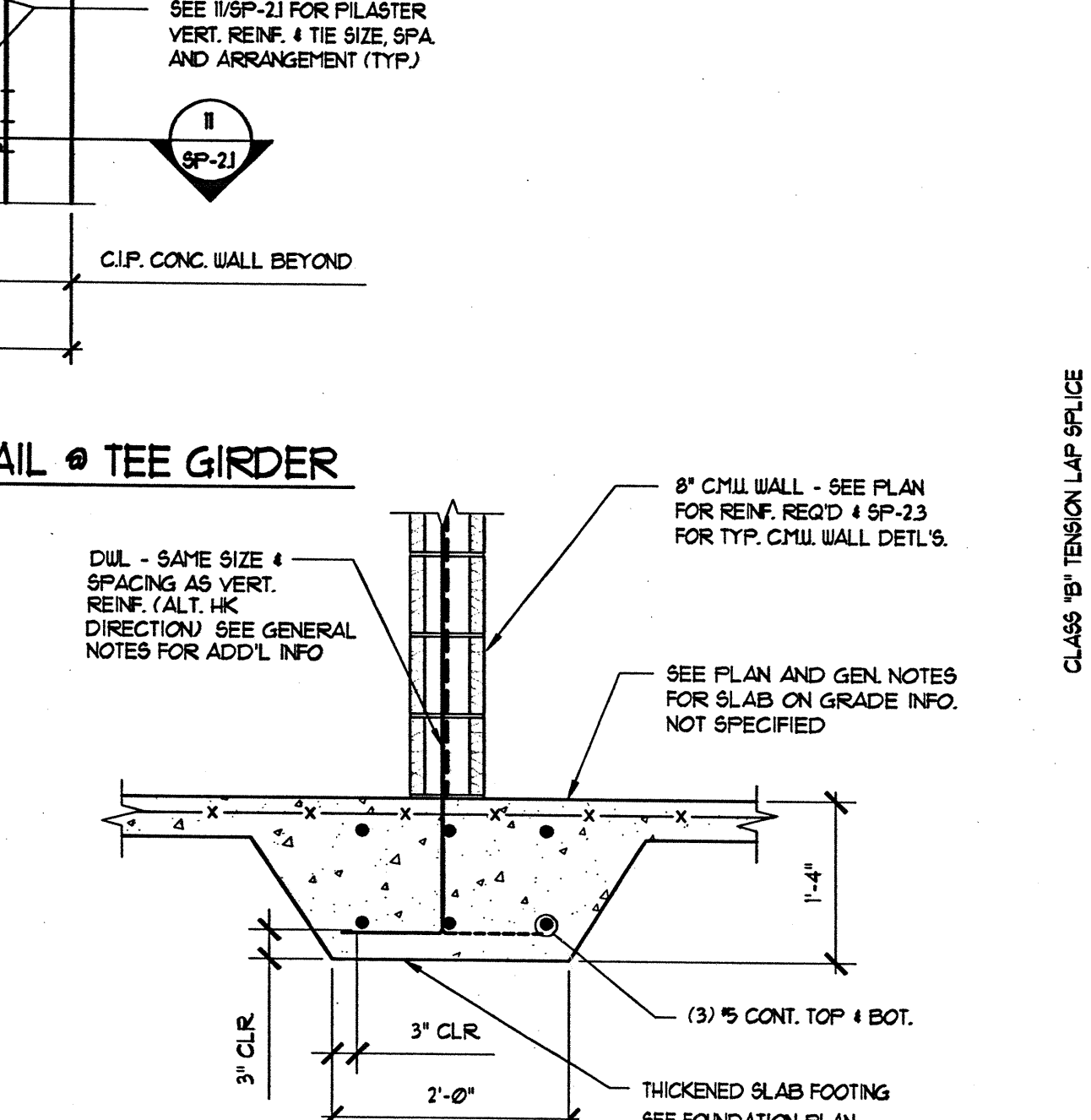
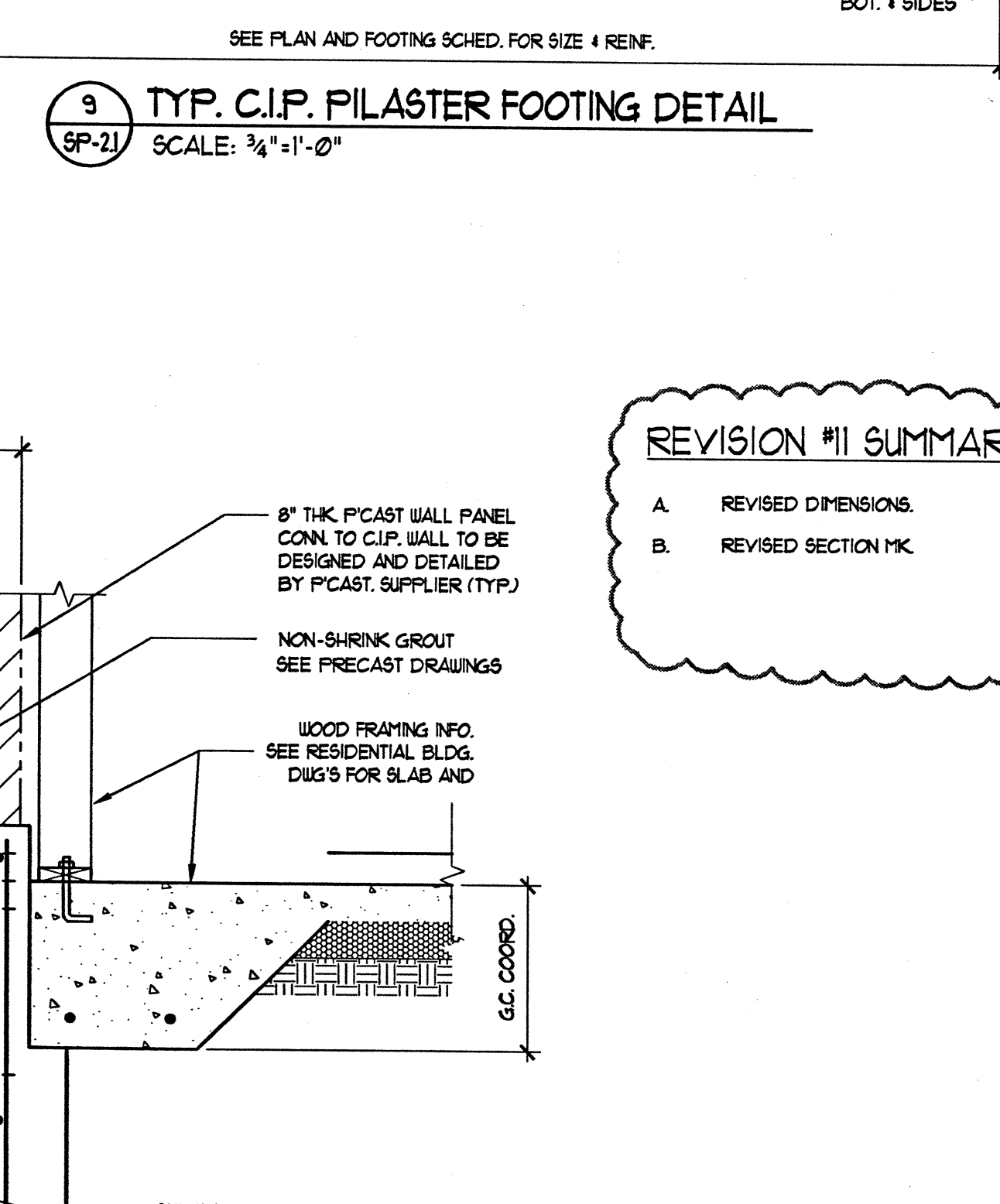
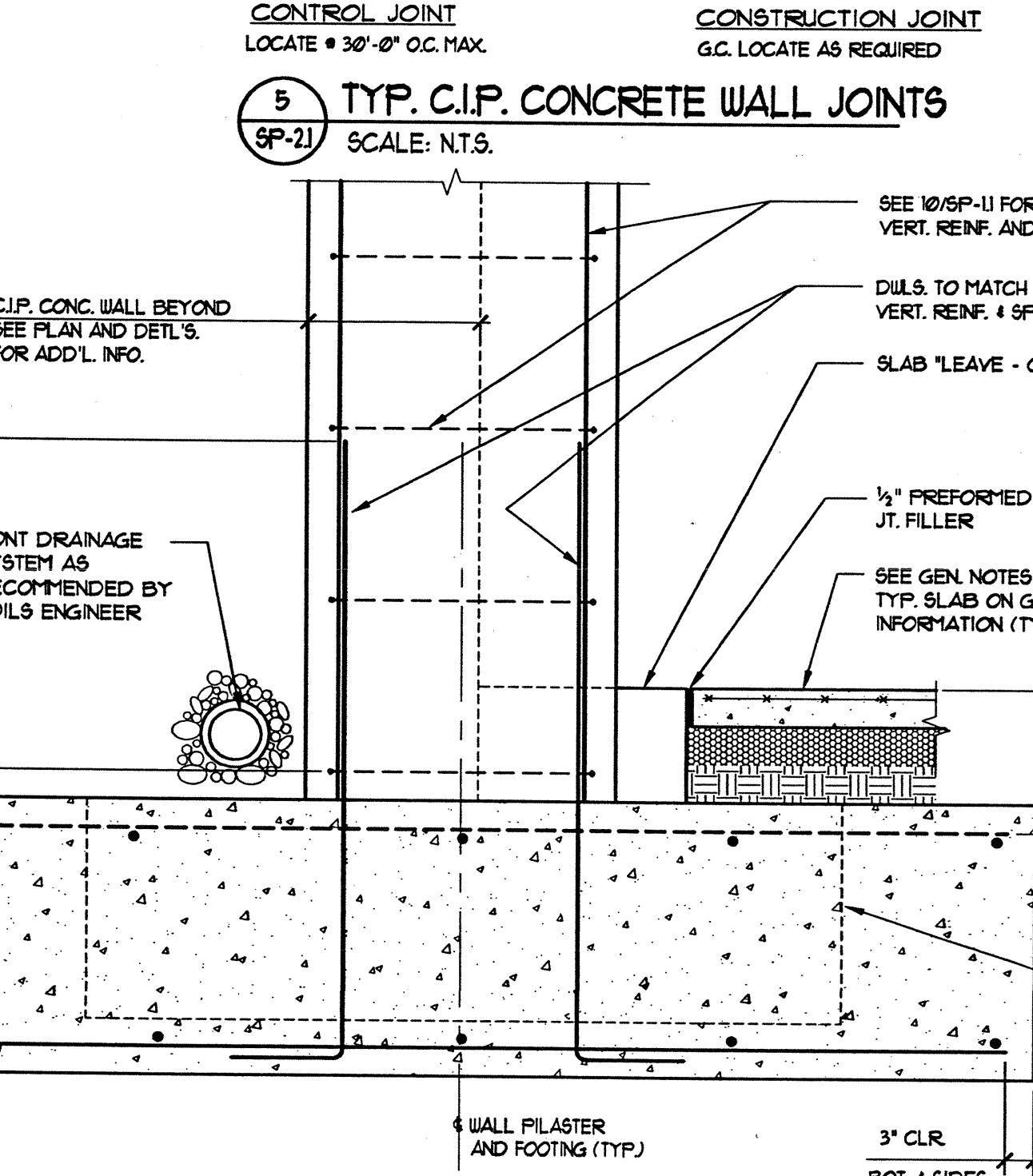
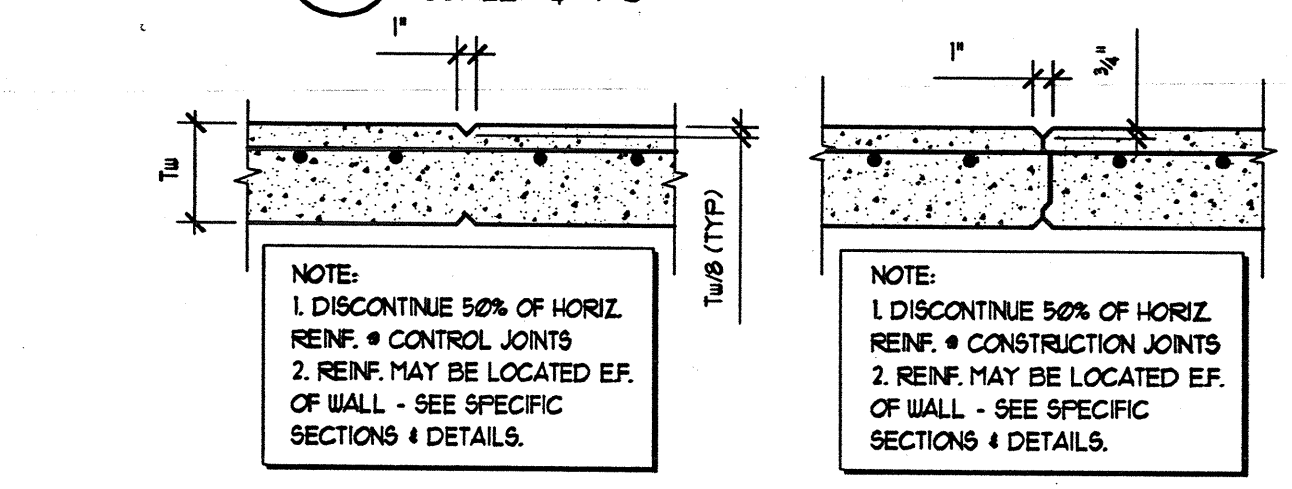
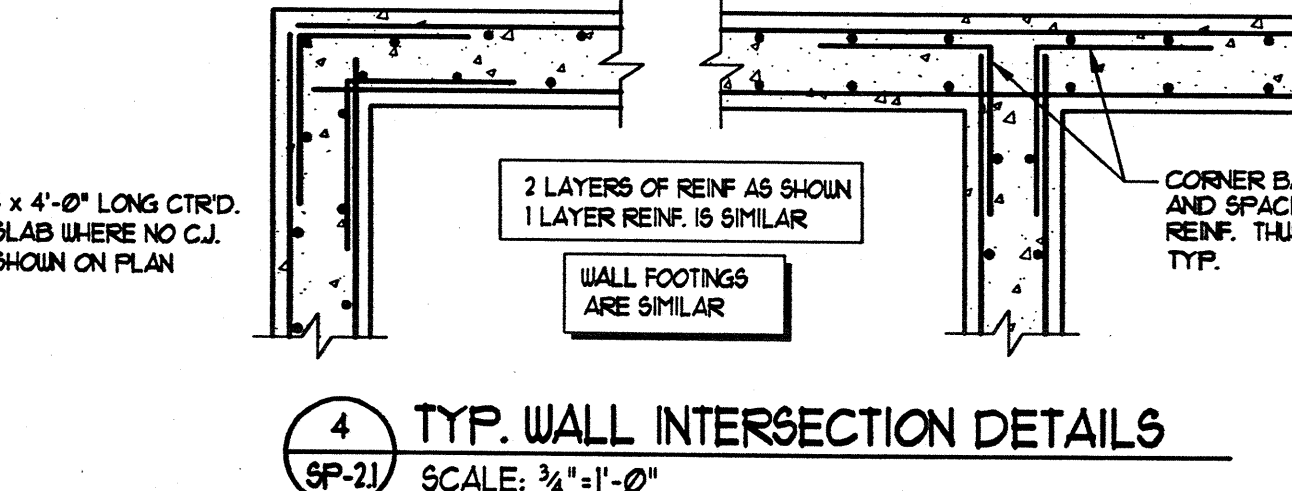
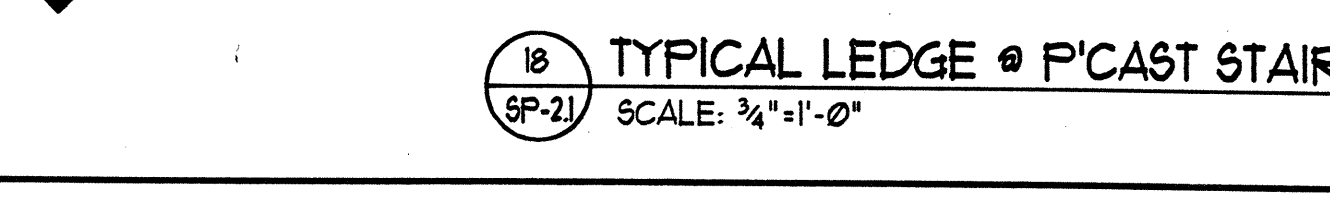
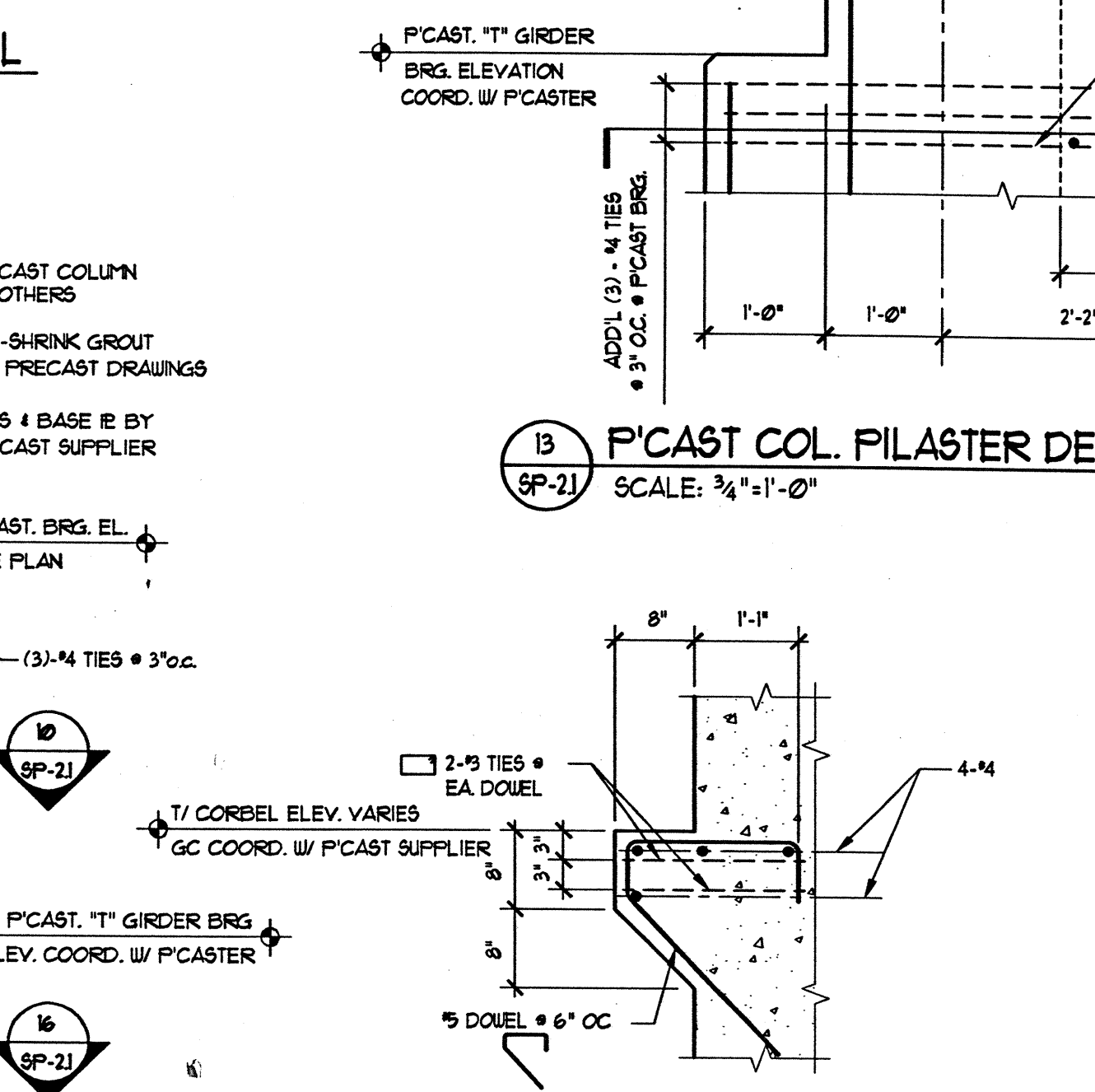
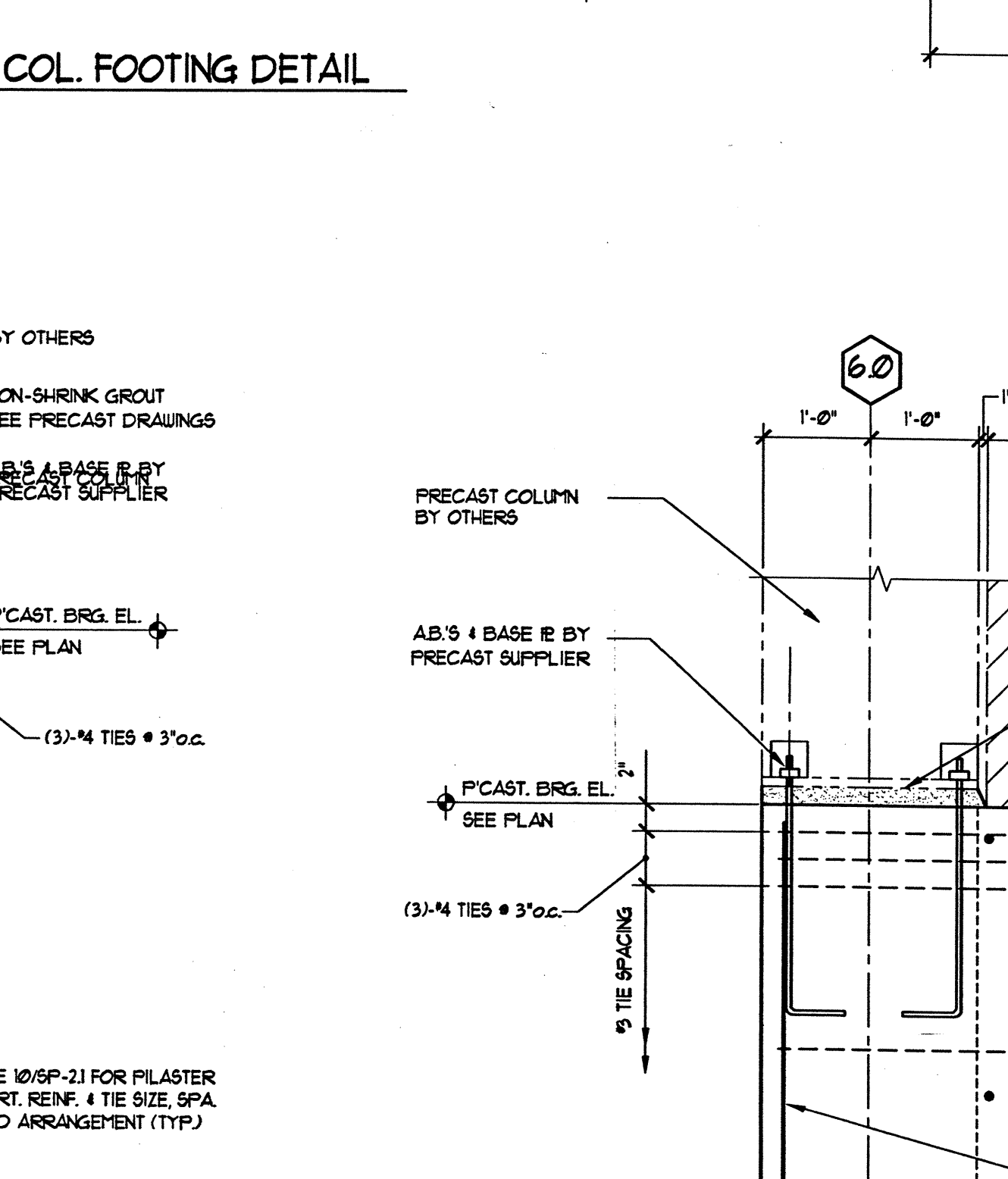
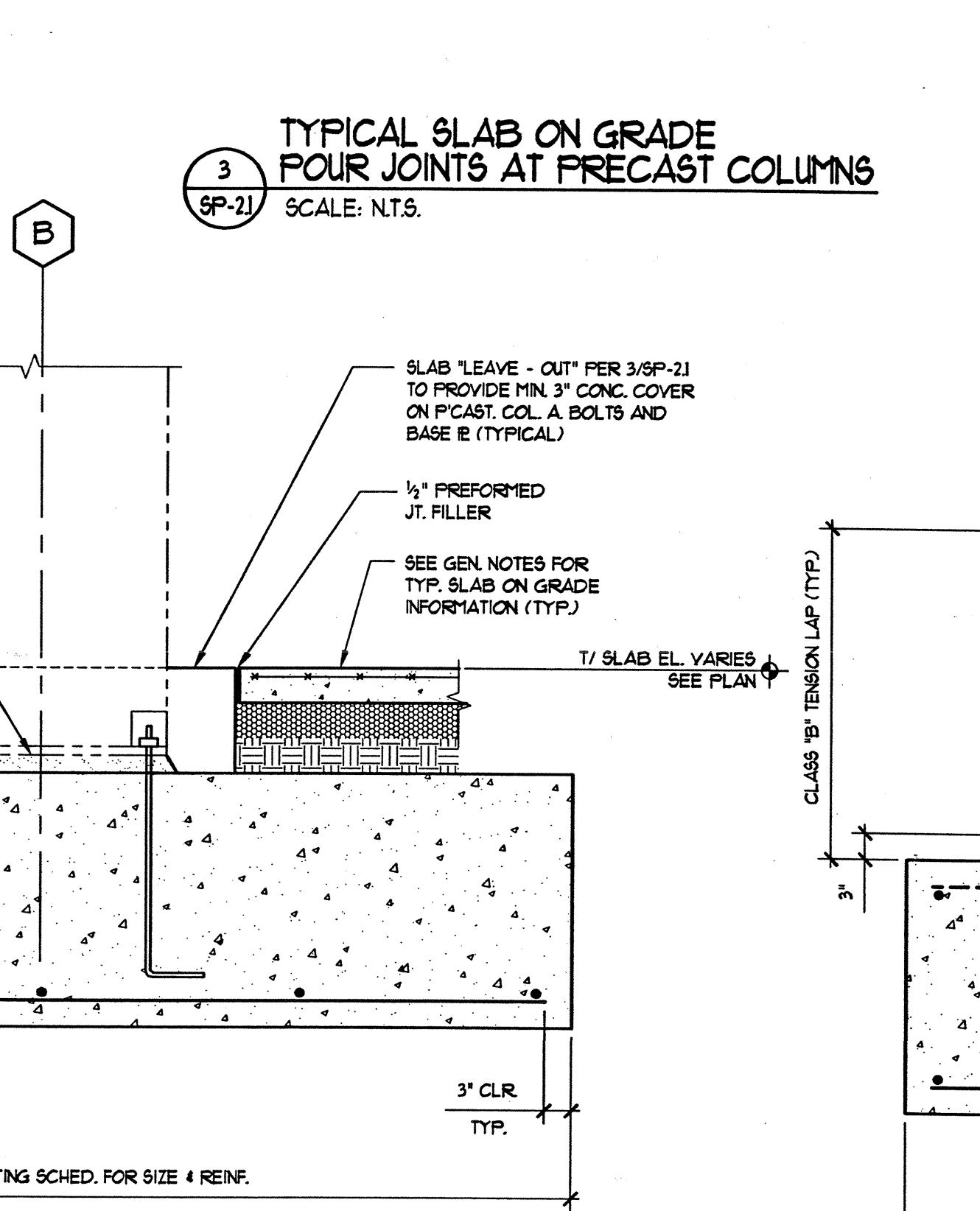
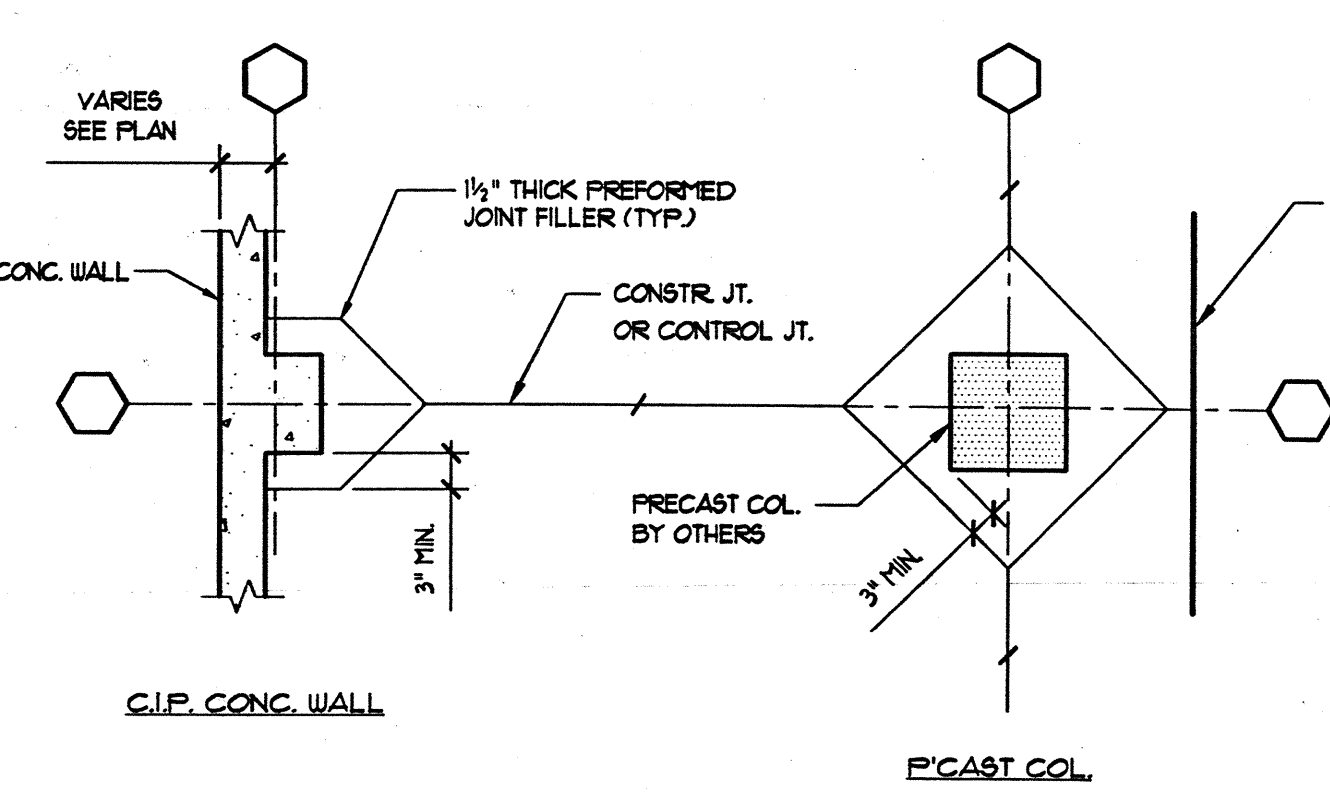
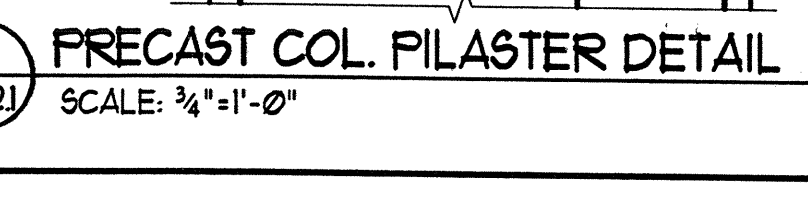
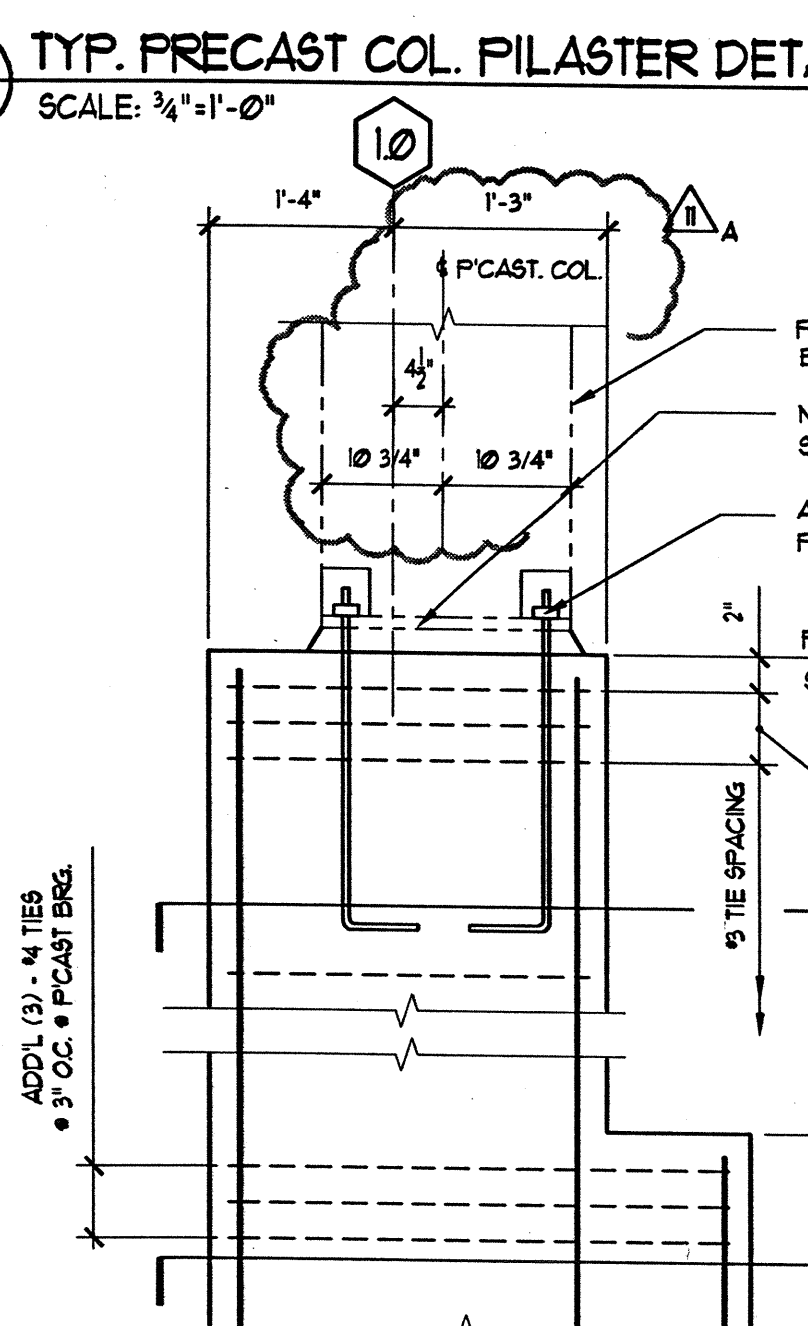
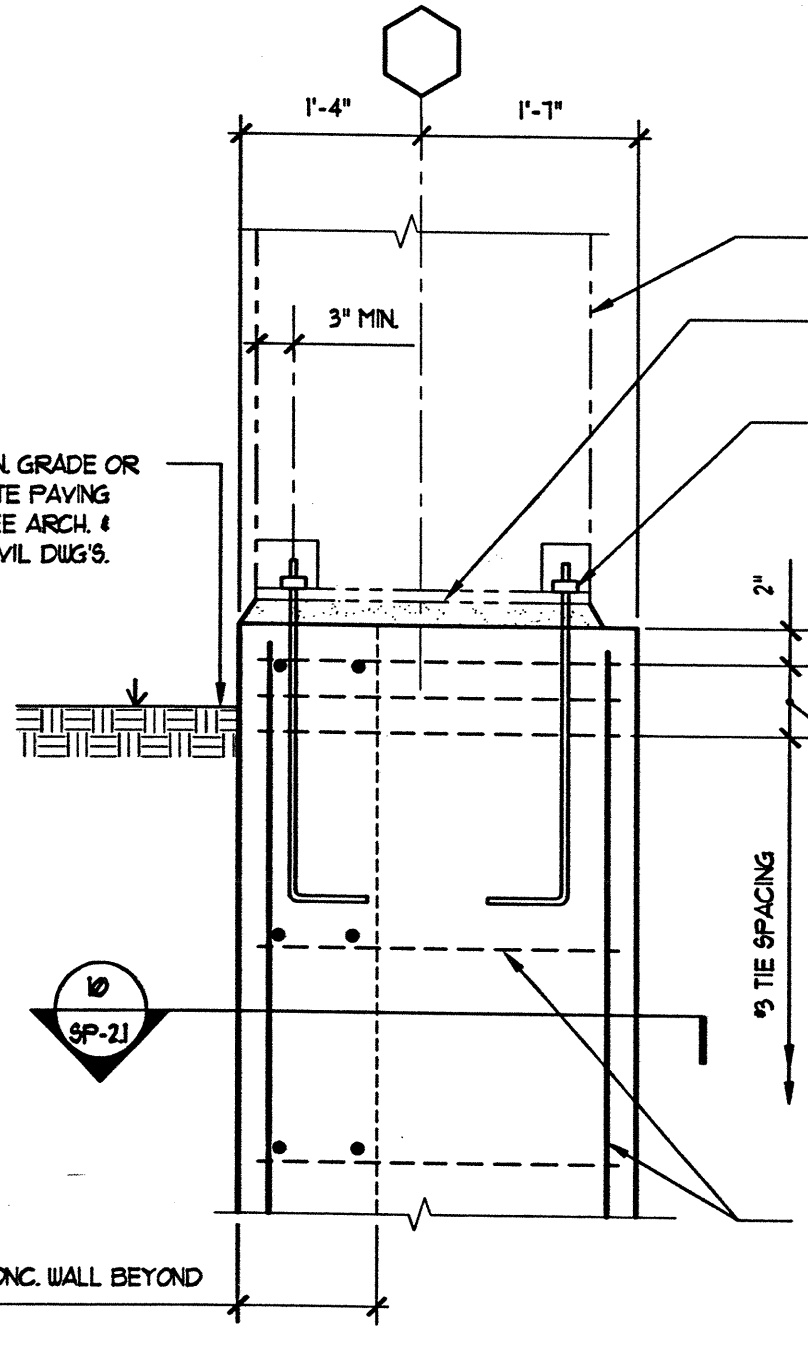
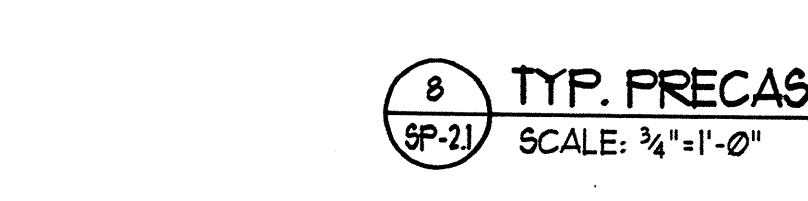
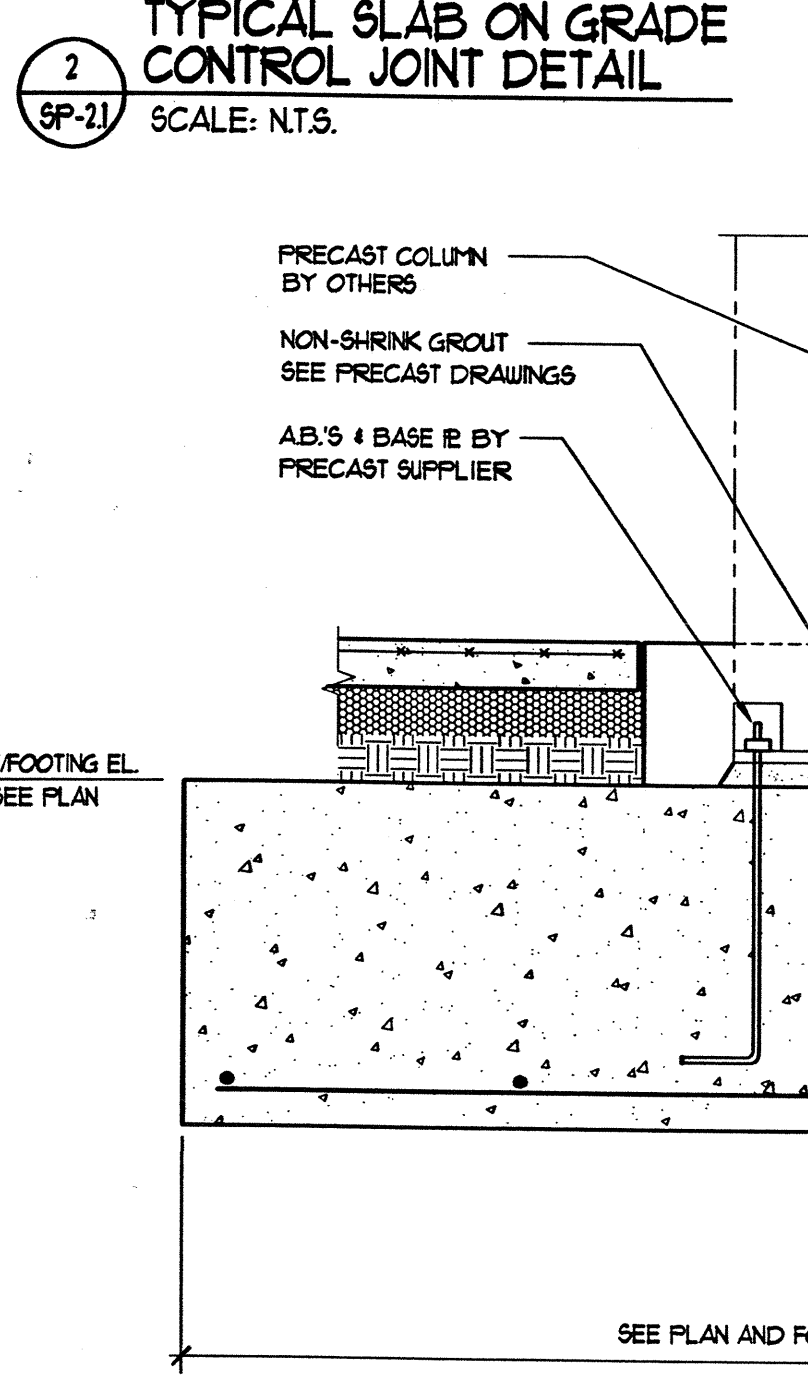
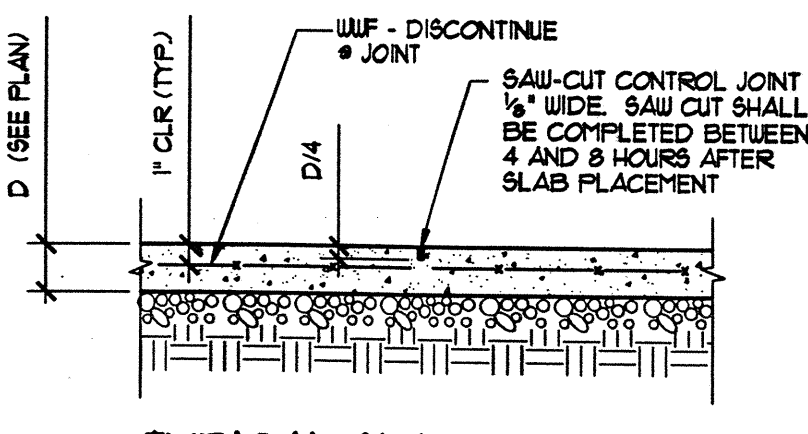
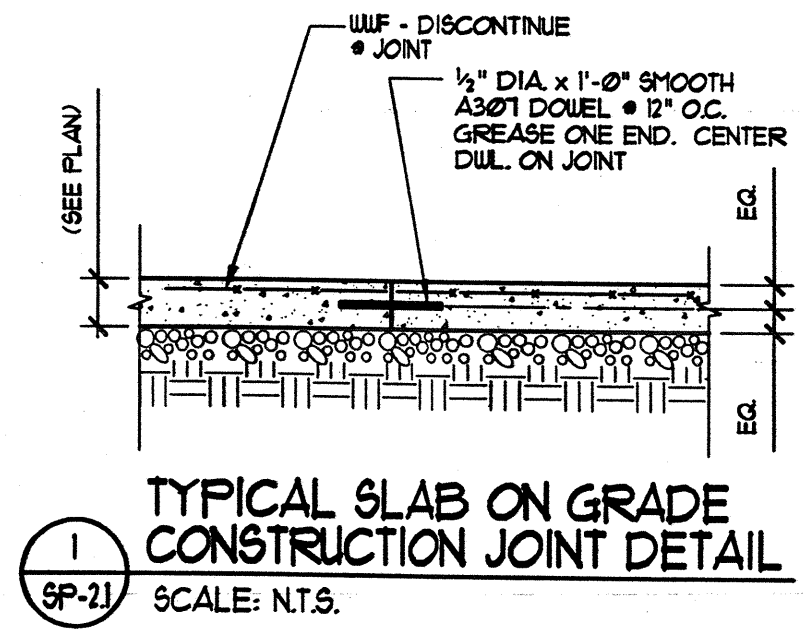


PROJECT
ARCHSTONE KENTLANDS
949 QUINCE ORCHARD ROAD
GATHERSBURG, MARYLAND

FOR
ARCHSTONE COMMUNITIES
6631 OLD DOMINION DRIVE
MCLEAN, VIRGINIA 22101
703-883-3353

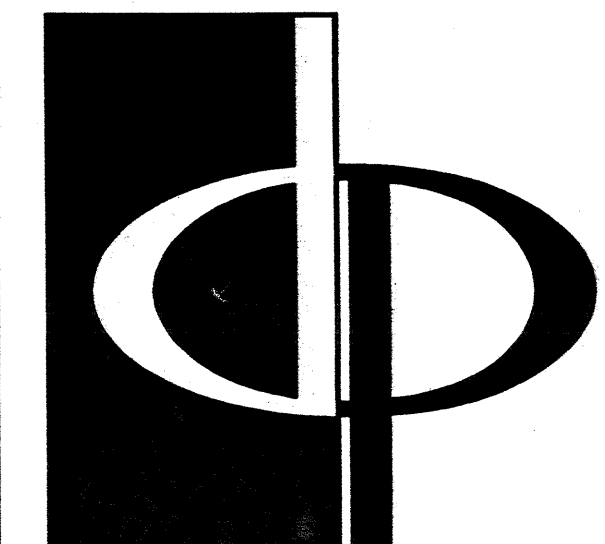
REVISIONS
RELEASED FOR CONSTRUCTION 07/21/03
CLUBHOUSE DESIGN 07/25/03

DATE
JOB NUMBER 0121/03
DRAWN BY 0211/08
CHECKED BY BTM
DRAWING TITLE KM
PARKING DECK SECTIONS & DETAILS
DRAWING NUMBER SP-2.1
COMMENTS



REVISION #11 SUMMARY
A. REVISED DIMENSIONS.
B. REVISED SECTION MK.

REVISION #7 SUMMARY
A. ADDED/REVISED DETAIL.
B. ADDED/REVISED NOTE.



THE PRESTON PARTNERSHIP, LLC
A MULTI-DISCIPLINARY DESIGN FIRM

1000 ABERNATHY ROAD NE, SUITE 600
ATLANTA, GEORGIA 30328
TELEPHONE: 770 396 7248
FAX: 770 396 2945

WWW.THEPRESTONPARTNERSHIP.COM

CONSULTANT

SEAL



10-17-03

PROJECT

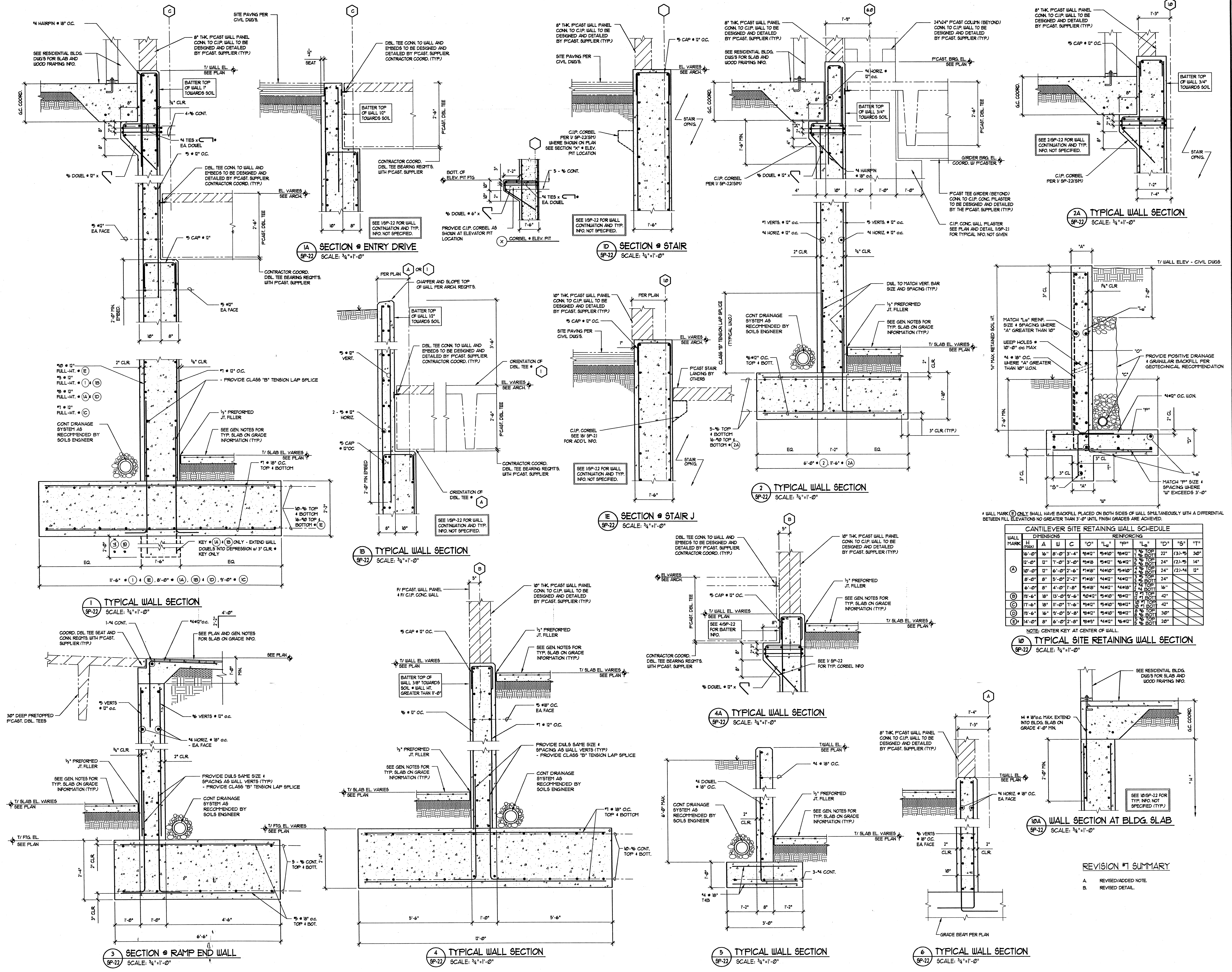
ARCHSTONE
KENTLANDS
949 QUINCE ORCHARD ROAD
GAITHERSBURG, MARYLAND

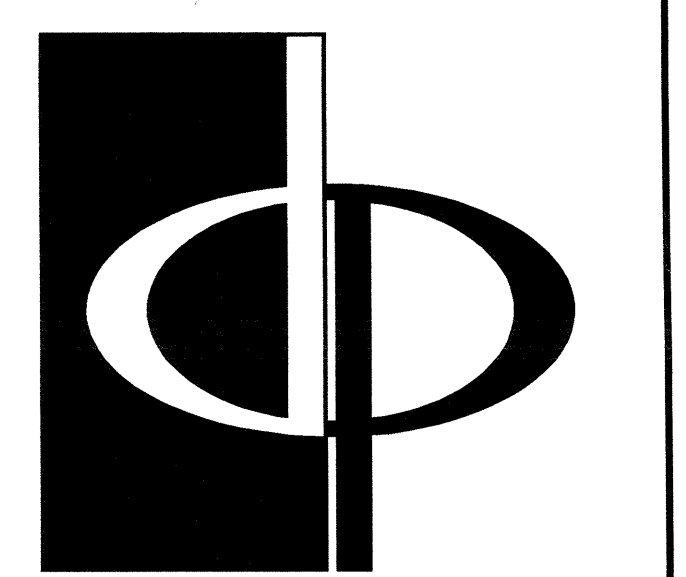
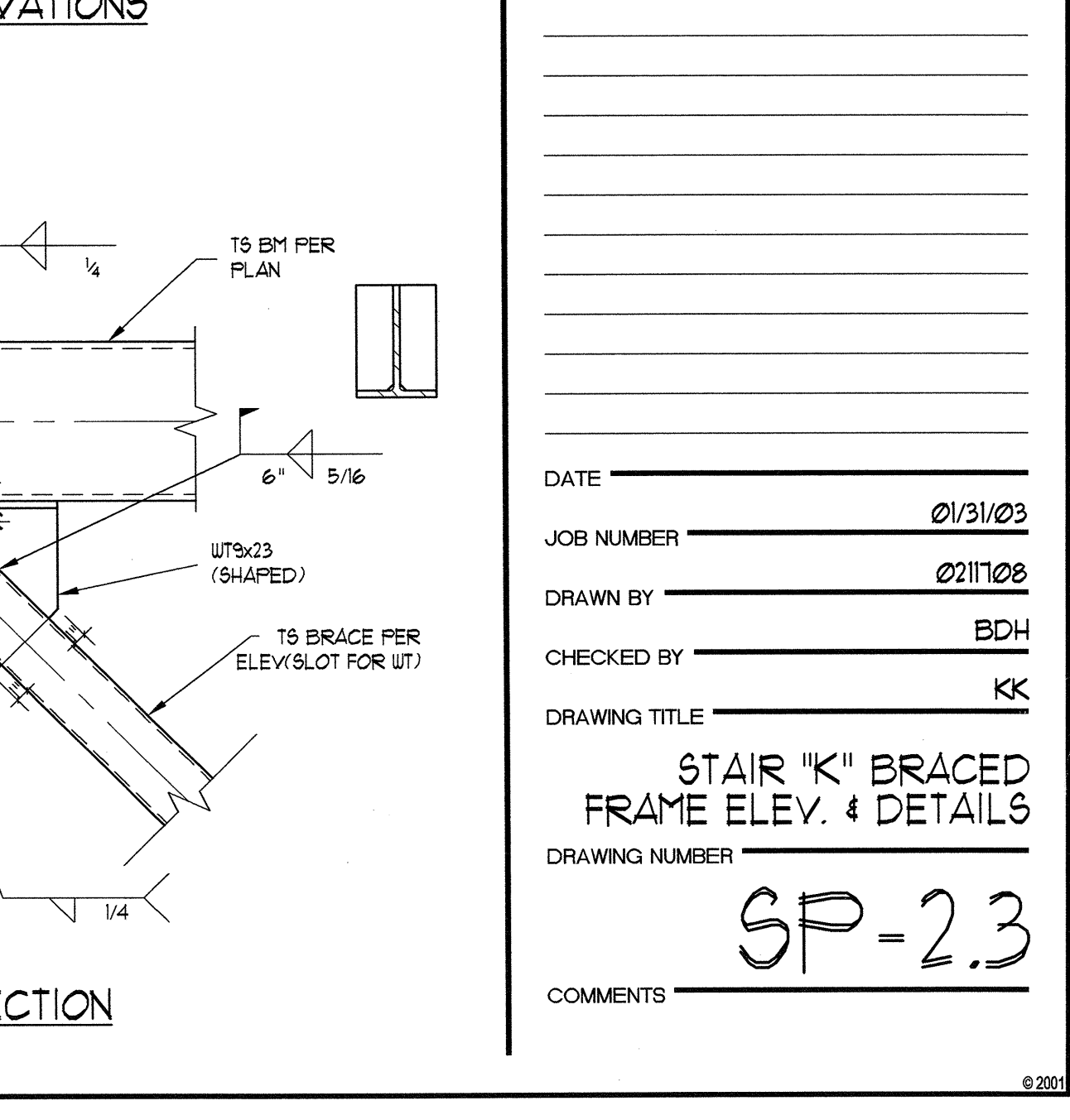
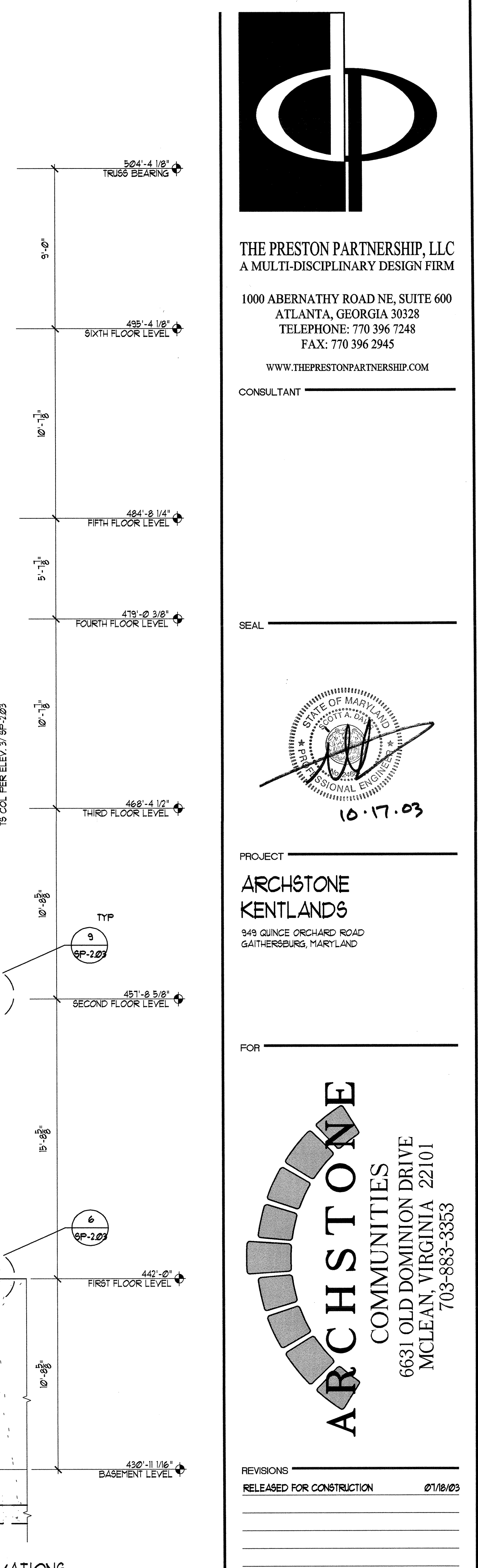
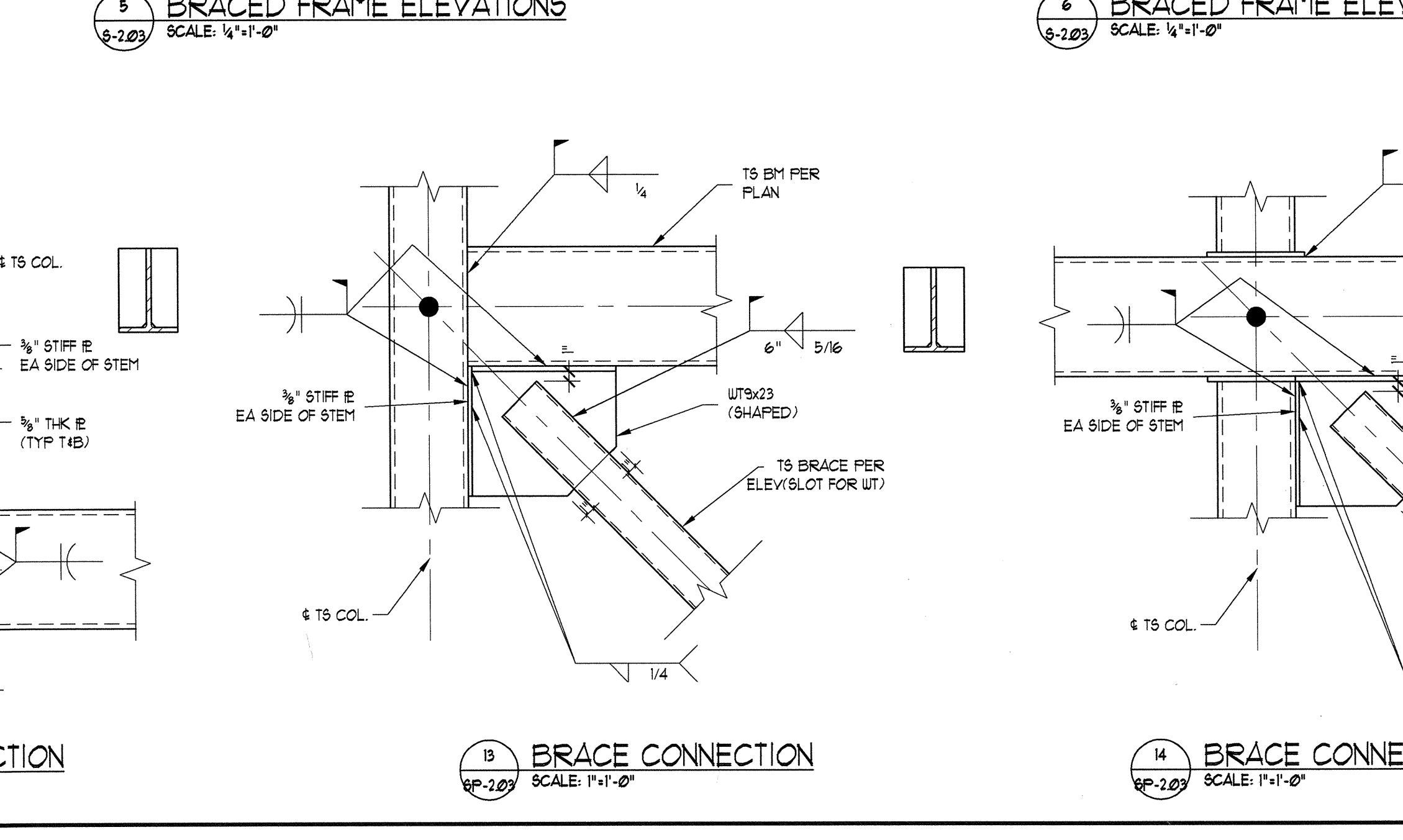
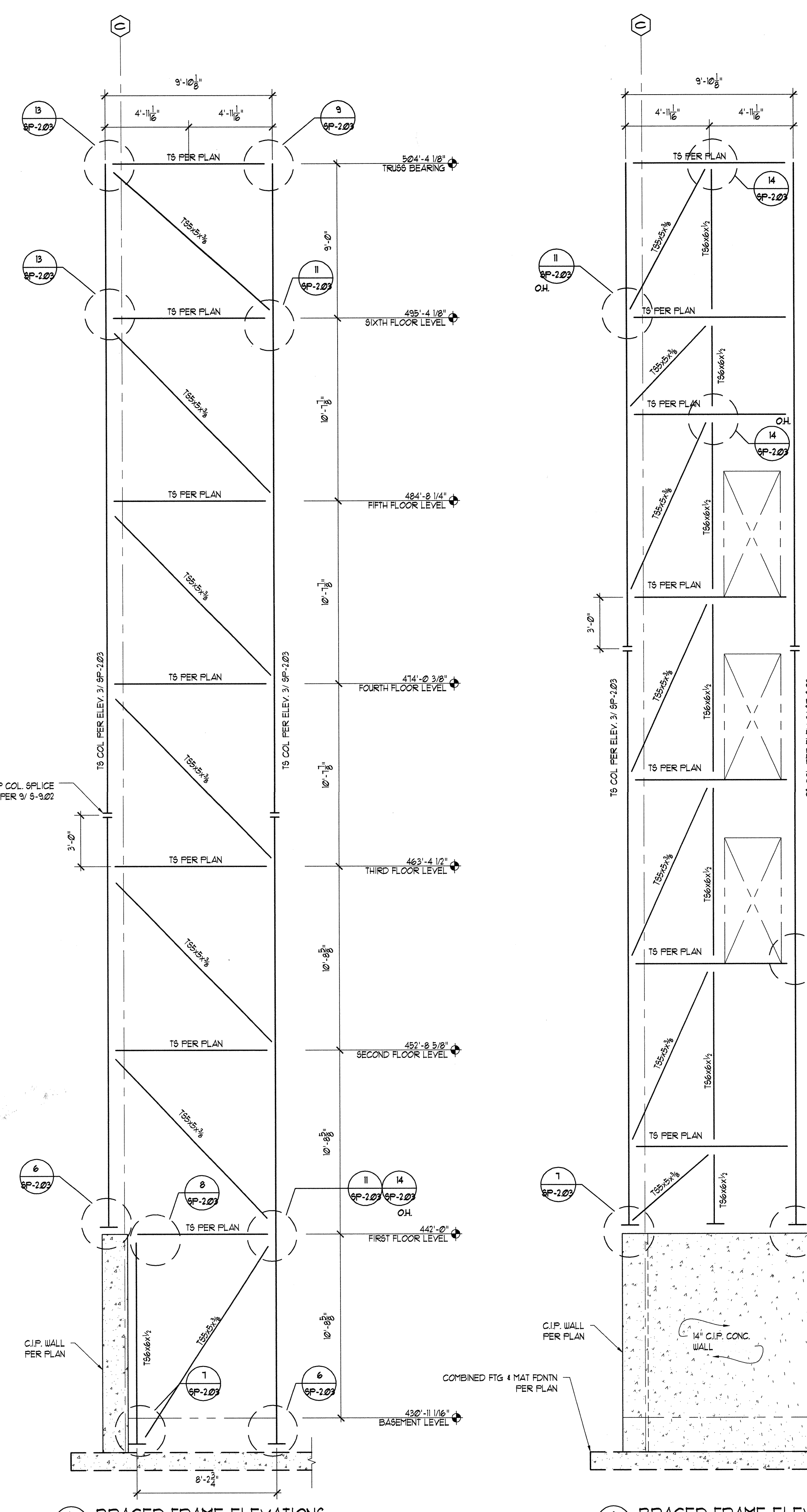
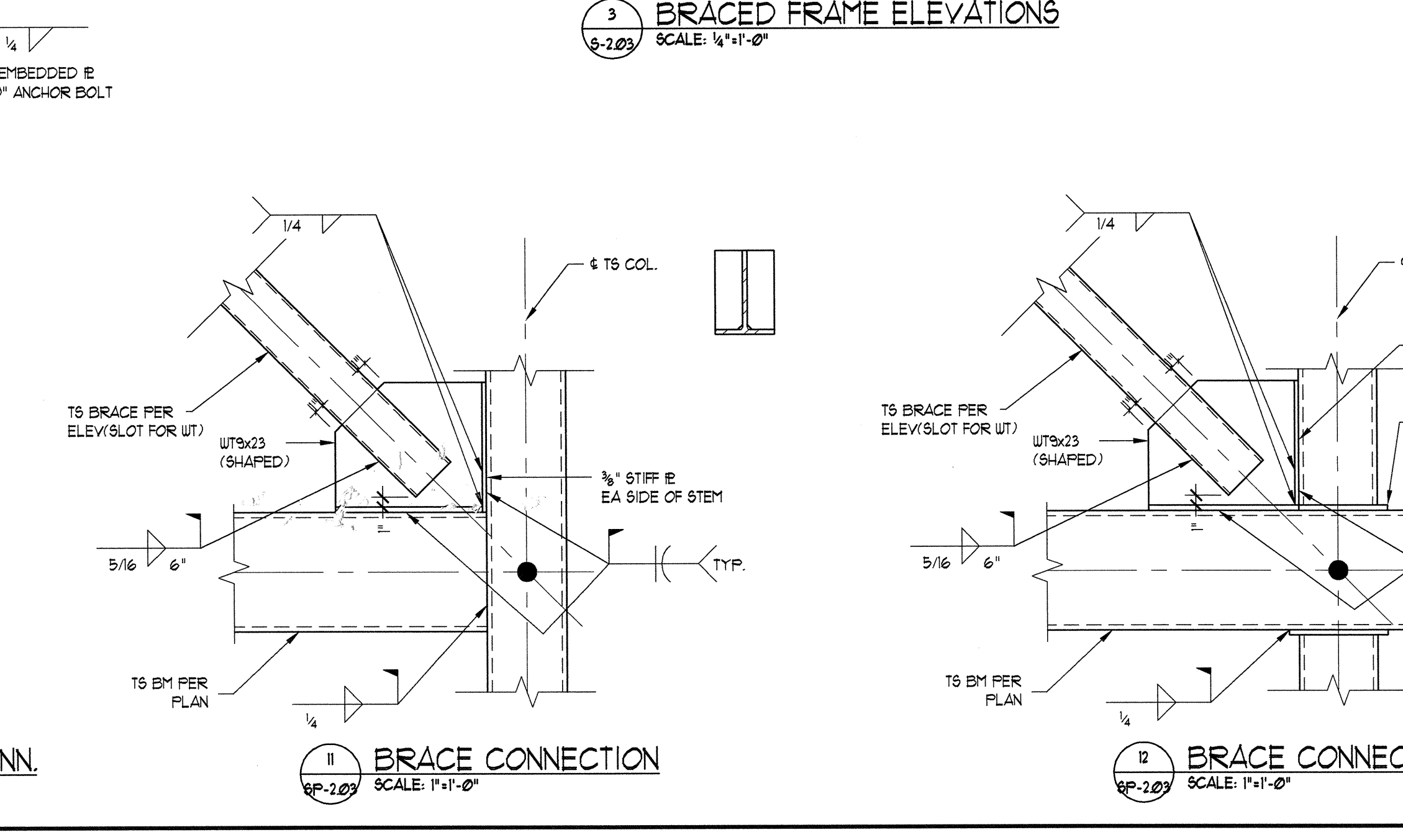
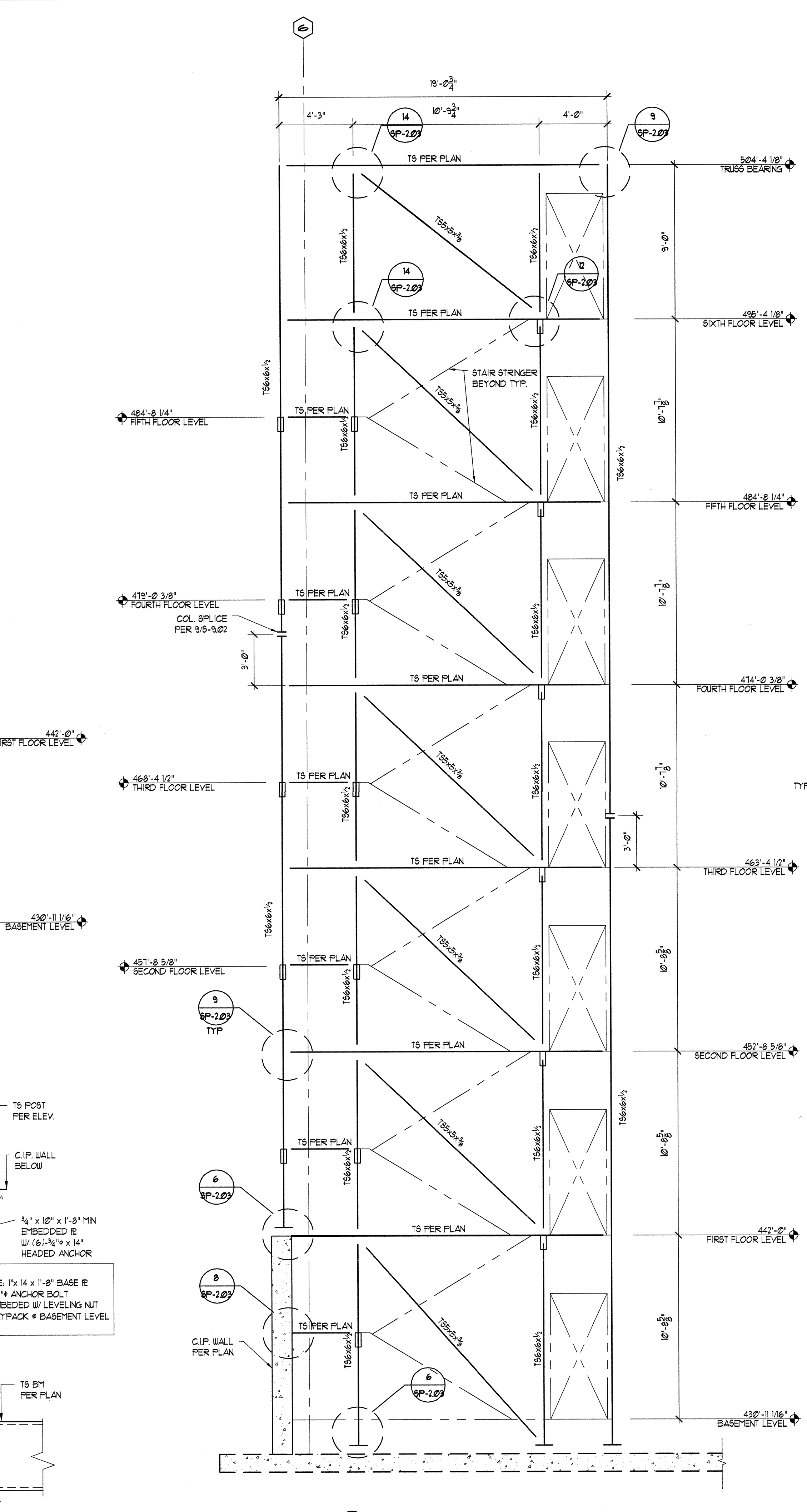
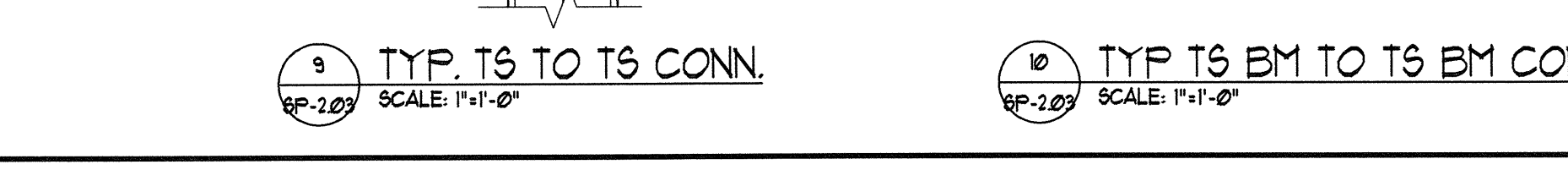
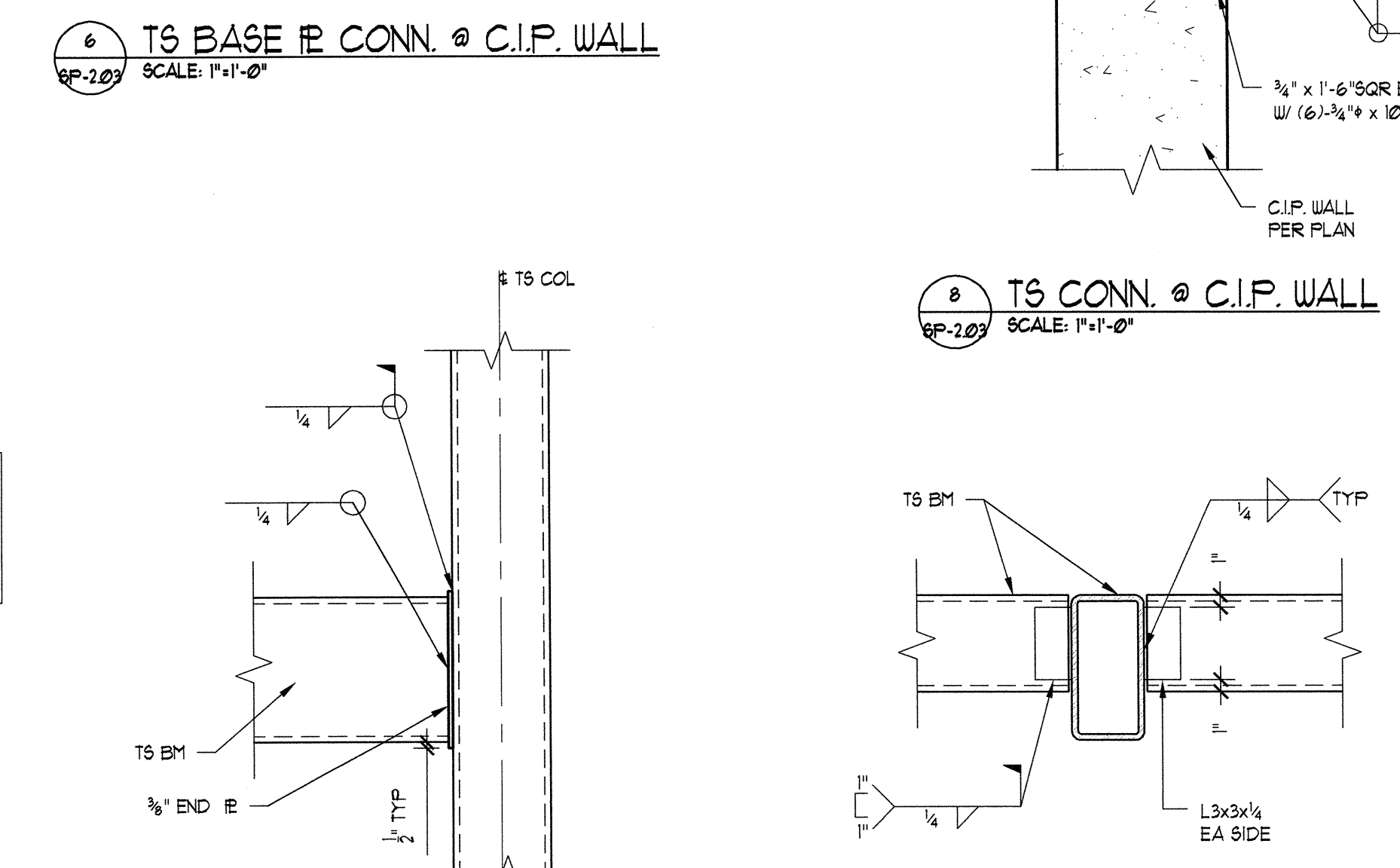
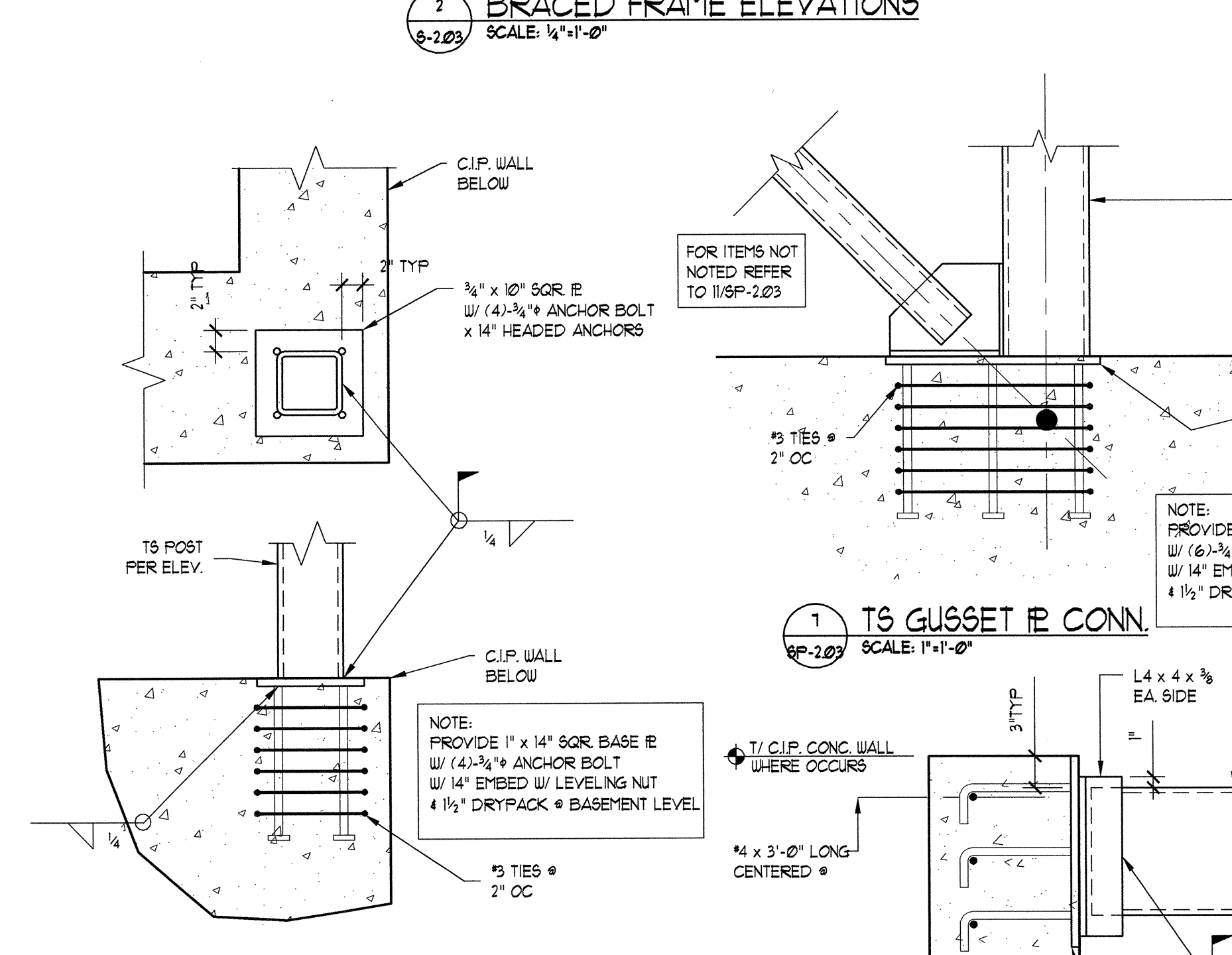
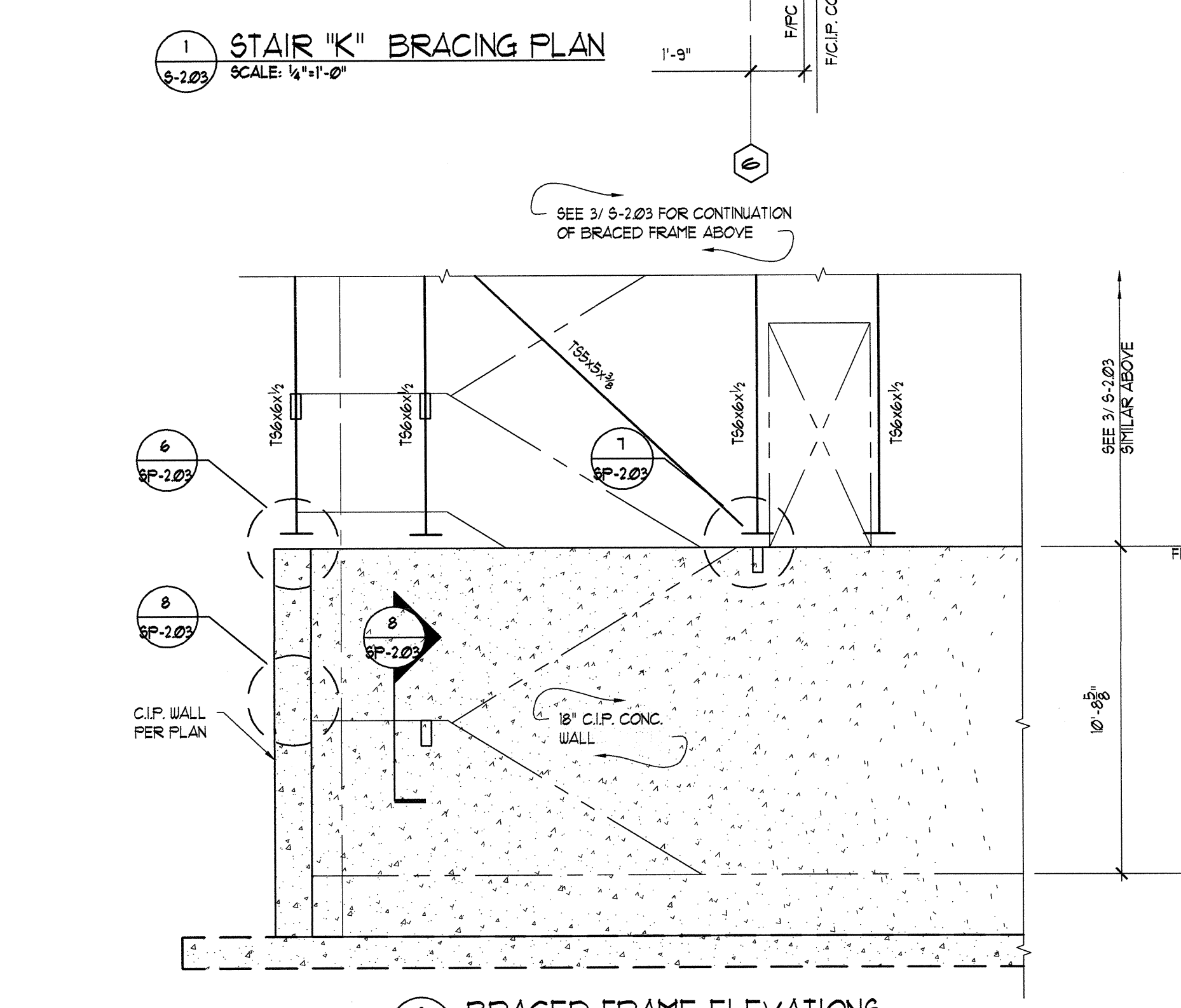
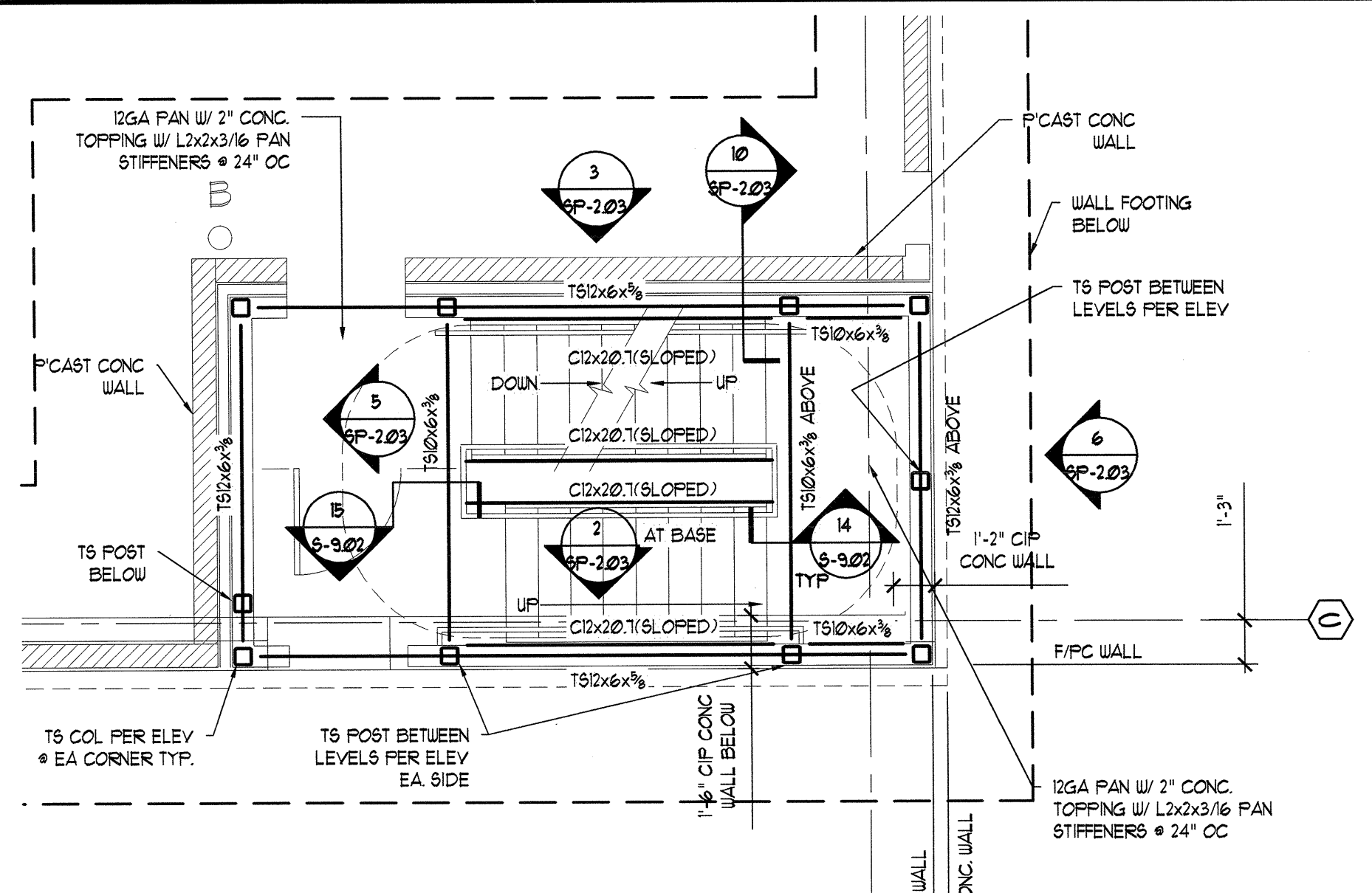
FOR

ARCHSTONE
COMMUNITIES
6631 OLD DOMINION DRIVE
MCLEAN, VIRGINIA 22101
703-883-3353

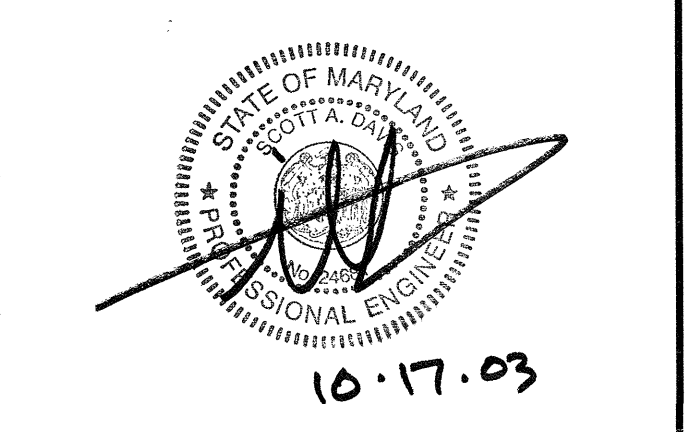
REVISIONS
RELEASED FOR CONSTRUCTION 07/18/03

DATE	REVISION
07/31/03 <td>01/31/03</td>	01/31/03
08/11/03 <td>02/11/03</td>	02/11/03
	TB
	KK
	PARKING DECK SECTIONS & DETAILS
	DRAWING NUMBER SP-2.2
	COMMENTS





THE PRESTON PARTNERSHIP, LLC
A MULTI-DISCIPLINARY DESIGN FIRM
1000 ABERNATHY ROAD NE, SUITE 600
ATLANTA, GEORGIA 30328
TELEPHONE: 770 396 7248
FAX: 770 396 2945
WWW.THEPRESTONPARTNERSHIP.COM
CONSULTANT



PROJECT
ARCHSTONE
KENTLANDS
949 QUINCE ORCHARD ROAD
GAITHERSBURG, MARYLAND

FOR
ARCHSTONE
COMMUNITIES
6631 OLD DOMINION DRIVE
MCLEAN, VIRGINIA 22101
703-883-3353

REVISIONS
RELEASED FOR CONSTRUCTION 07/18/03

DATE 01/31/03
JOB NUMBER 021102
DRAWN BY BDH
CHECKED BY KK
DRAWING TITLE STAIR "K" BRACED FRAME ELEV. & DETAILS
DRAWING NUMBER SP-2.3
COMMENTS