



# GENERAL STRUCTURAL NOTES

## L. HOLDOWN ANCHORAGE

- VERIFY LOCATION OF HOLDDOWS WITH ROUGH FRAMING TO ENSURE PROPER AND ACCURATE INSTALLATION.
- EMBEDDED BOLT REQUIREMENTS FOR HOLDOWN ANCHORAGE SHALL BE AS FOLLOWS:

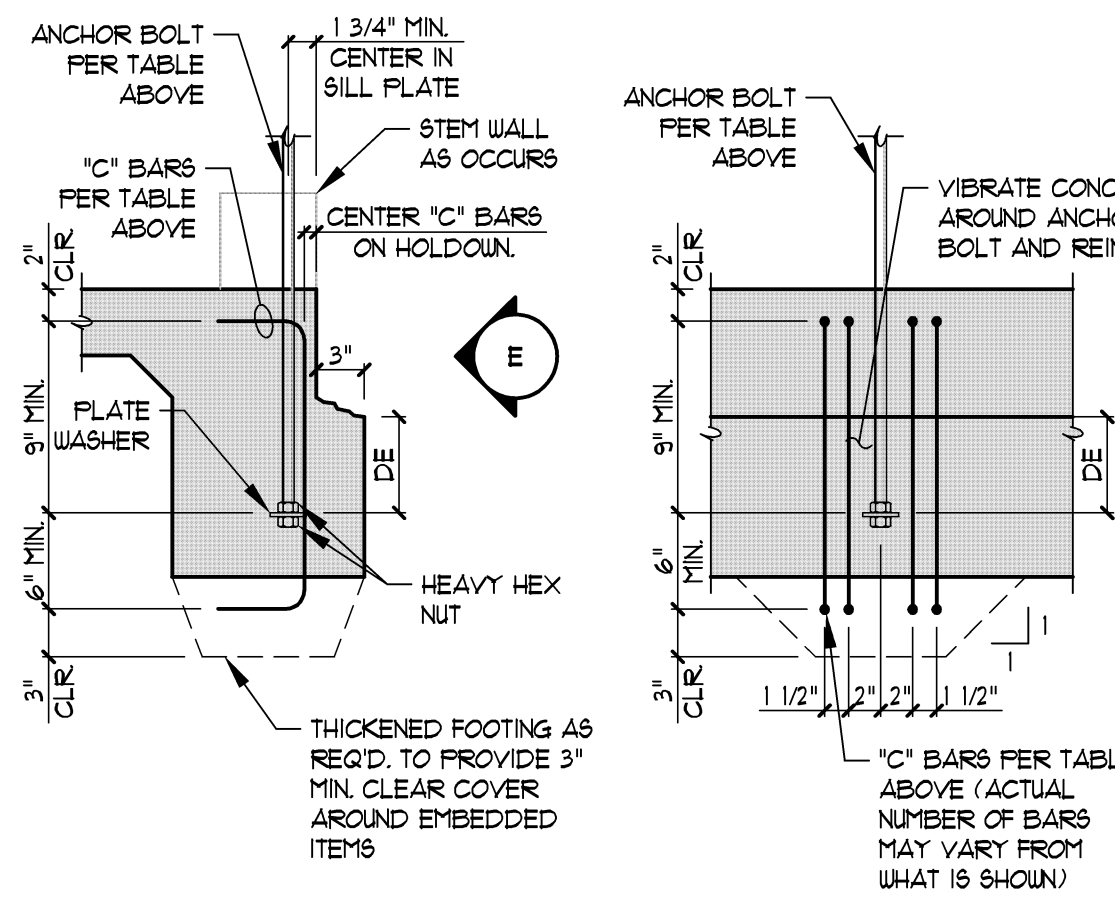
ALL-THREAD ANCHOR BOLT OPTION:

SIMPSON HOLDOWN:	BOLT DIA:	PLATE WASHER:	DE (MIN):	DI (MIN):	NUMBER OF 'C' BARS:
5/8x4x4	5/8"	1 1/2"x1 1/2"x3/8"	6"	11"	(2) #4

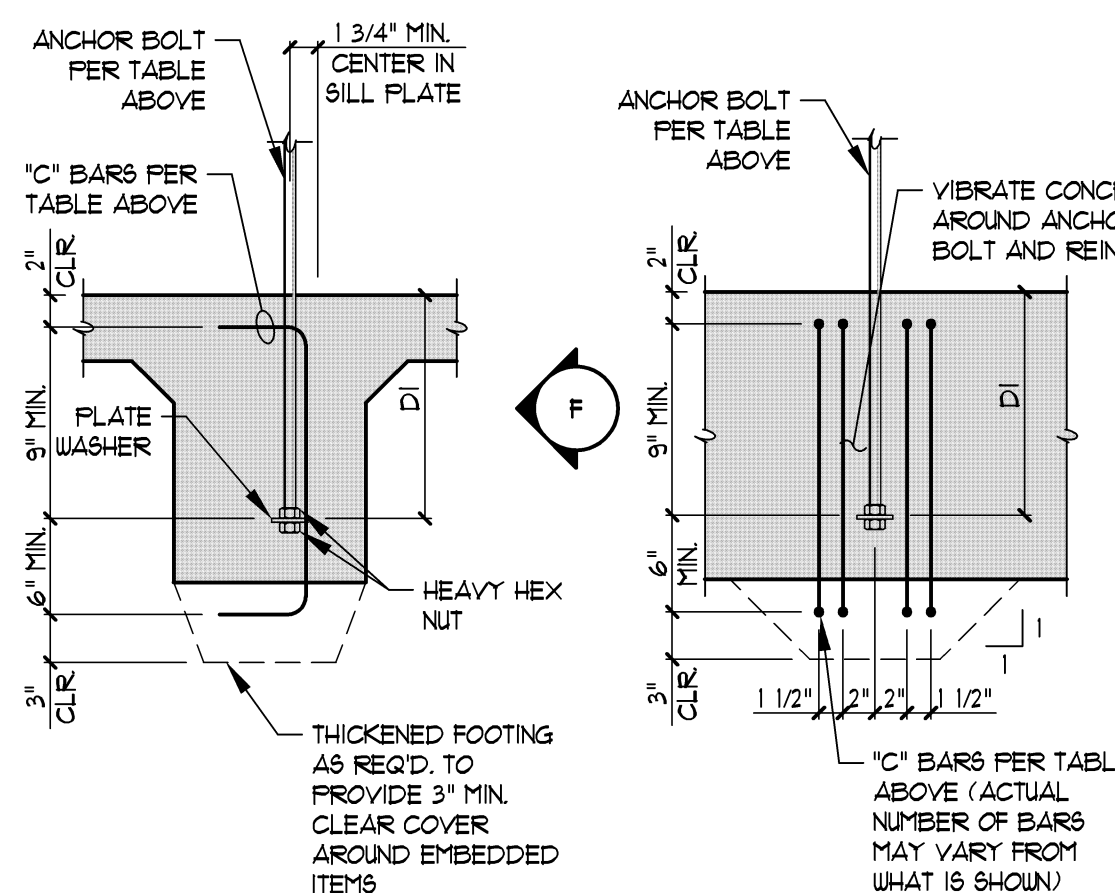
① AT CORNER CONDITIONS, HALF OF THE 'C' BARS SHALL BE PLACED ON EACH SLAB EDGE

② EMBEDMENT DEPTH AT EXTERIOR OF SLAB.

③ EMBEDMENT DEPTH AT INTERIOR OF SLAB. BOLTS MORE THAN 1'-0" FROM ANY SLAB EDGE OR STEP SHALL BE CONSIDERED INTERIOR. AT STEPS, EMBEDMENT SHALL BE MEASURED FROM LOWER SLAB.



SECTION AT EDGE OF SLAB



SECTION AT INTERIOR OF SLAB

- AS AN ALTERNATE TO THE ANCHORAGE REQUIREMENTS ABOVE, 56TB AND 56B BOLTS CAN BE USED PER THE REQUIREMENTS BELOW:

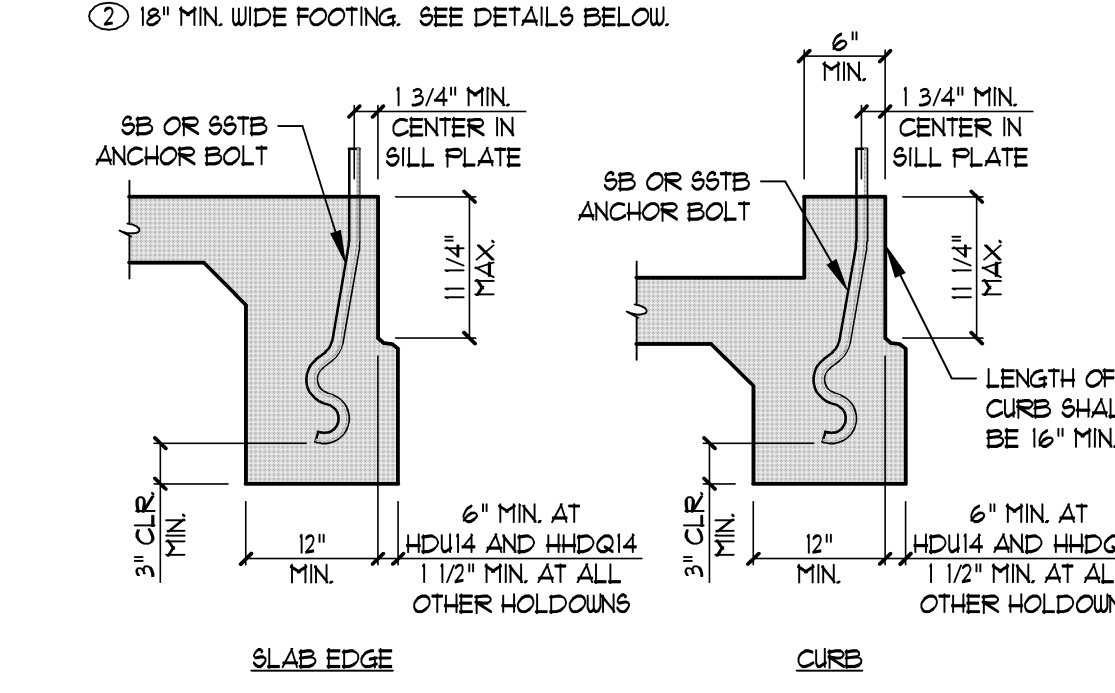
SIMPSON ANCHOR BOLT OPTIONS (ESR-2611):

SIMPSON HOLDOWN:	56TB ANCHOR BOLT (56TB1L AT 3x AND 4x PLATE) ①		56B ANCHOR BOLT ①	
	AT SLAB EDGE:	AT CURB:	AT SLAB EDGE:	AT CURB:
5/8x4x4	56TB20	- - -	56B5/8x24	56B5/8x24

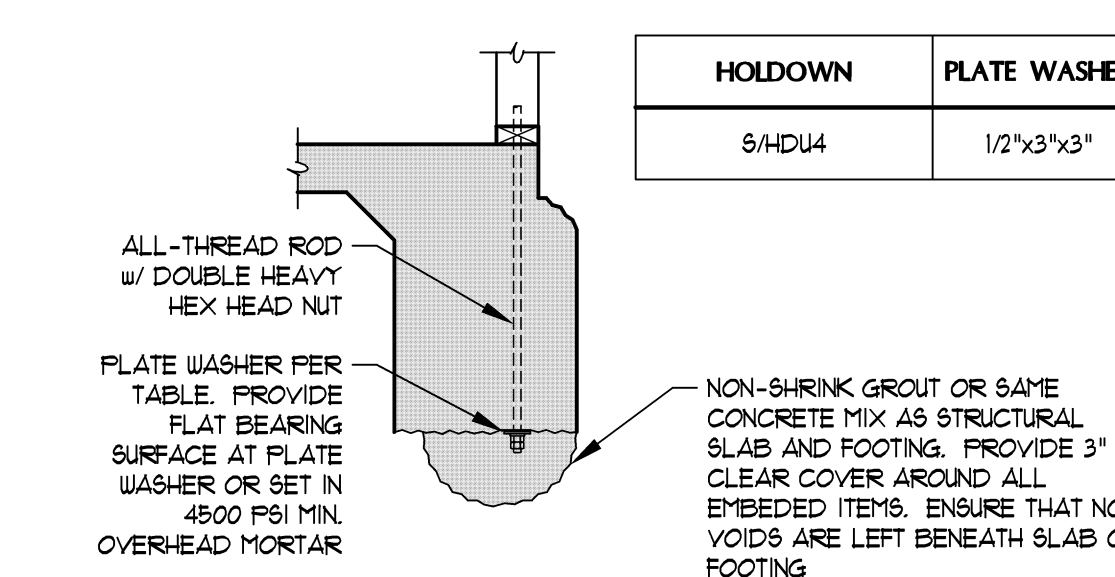
TABLE KEYNOTES: (ONLY APPLY WHERE SPECIFICALLY NOTED IN TABLE ABOVE)

① ANY FOUR JOINTS SHALL OCCUR AT LEAST 3' BELOW BOTTOM OF BOLT. IF FOUR JOINT OCCURS ABOVE THIS POINT, ADD 'C' BARS PER ALL-THREAD ANCHOR BOLT OPTION TABLE ABOVE.

② 18" MIN WIDE FOOTING. SEE DETAILS BELOW.



- HOLDOWN ANCHORS MAY BE RETROFIT AS FOLLOWS:



## M. SPECIAL INSPECTION

- IN ADDITION TO STANDARD INSPECTIONS BY THE BUILDING OFFICIAL REQUIRED PER IBC SECTION 110, THE OWNER SHALL EMPLOY ONE OR MORE SPECIAL INSPECTORS WHO SHALL PROVIDE INSPECTIONS DURING CONSTRUCTION FOR THE TYPES OF WORK LISTED IN THIS SECTION.
- THE SPECIAL INSPECTOR SHALL BE A QUALIFIED PERSON WHO SHALL DEMONSTRATE COMPETENCE TO THE SATISFACTION OF THE BUILDING OFFICIAL FOR INSPECTION OF THE PARTICULAR TYPE OF CONSTRUCTION OR OPERATION REQUIRING SPECIAL INSPECTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING THE SPECIAL INSPECTOR AT LEAST 24 HOURS NOTICE PRIOR TO PERFORMING ANY WORK REQUIRING SPECIAL INSPECTION.
- THE SPECIAL INSPECTOR SHALL INSPECT THE WORK ASSIGNED FOR CONFORMANCE WITH THE APPROVED CONTRACT DRAWINGS AND SPECS. THE SPECIAL INSPECTOR SHALL FURNISH INSPECTION REPORTS TO THE BUILDING OFFICIAL, THE ENGINEER OF RECORD, AND OTHER DESIGNATED PERSONS. ALL DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION. THEN, IF UNCORRECTED, TO THE ENGINEER AND THE BUILDING OFFICIAL. THE SPECIAL INSPECTOR SHALL SUBMIT A FINAL SIGNED REPORT STATING WHETHER THE WORK REQUIRING SPECIAL INSPECTION WAS, TO THE BEST OF THE INSPECTOR'S KNOWLEDGE, IN CONFORMANCE WITH THE APPROVED PLANS AND SPECS AND THE APPLICABLE CODE PROVISIONS.
- INSPECTORS SHALL INSPECT FROM AN APPROVED SET OF CONTRACT DRAWINGS. SHOP DRAWINGS SHALL NOT BE USED IN LIEU OF THE APPROVED CONTRACT DRAWINGS FOR INSPECTION PURPOSES.
- TYPES OF WORK TO BE INSPECTED BY THE SPECIAL INSPECTOR ARE AS FOLLOWS:
  - EPOXY ANCHORS IN CONCRETE - INSPECTION OF EPOXY ANCHORS IN CONCRETE SHALL BE PERIODIC AND INSTALLATIONS SHALL BE PERFORMED BY QUALIFIED PERSONNEL TRAINED BY MANUFACTURER TO INSTALL ADHESIVE ANCHORS AND THEY SHALL FOLLOW THE MANUFACTURER'S PRINTED INSTALLATION INSTRUCTIONS (MPII). AT THE TIME OF INSTALLATION THE CONCRETE SHALL HAVE ACHIEVED A MINIMUM AGE OF 28 DAYS BE DRY, AND BE BETWEEN 50 DEGREES F AND 104 DEGREES F. THE HOLES SHALL BE DRILLED WITH A HAMMER DRILL TO THE DIMENSIONS LISTED IN THE MPII AND SHALL BE CLEANED USING THE BLOW-BRUSH-BLOW TECHNIQUE REQUIRED IN THE MPII. WHERE ANCHORS ARE INSTALLED INTO LIGHTWEIGHT CONCRETE, IT IS ASSUMED THAT THE CONCRETE IS CLASSIFIED AS ALL-LIGHTWEIGHT CONCRETE AS DEFINED IN ACI 318. ANY ADHESIVE ANCHORS INSTALLED HORIZONTALLY (EXCEPT FOR ANCHORS IN A SLAB-ON-GRADE) OR UPWARDLY INCLINED SHALL BE INSTALLED BY PERSONNEL WITH THE ANCHORS ADHESIVE ANCHOR INSTALLER CERTIFICATION PROGRAM OR EQUIVALENT AND SHALL BE INSTALLED WITH CONTINUOUS SPECIAL INSPECTION.
  - SCREW ANCHORS AND EXPANSION ANCHORS IN CONCRETE OR MASONRY - SCREW ANCHORS IN CONCRETE OR MASONRY SHALL BE INSTALLED WITH SPECIAL INSPECTION. ANCHORS IN CONCRETE MAY BE PERIODIC. INSTALLATIONS SHALL BE PERFORMED BY QUALIFIED PERSONNEL TRAINED BY MANUFACTURER TO INSTALL SCREW/EXPANSION ANCHORS AND THEY SHALL FOLLOW THE MANUFACTURER'S PRINTED INSTALLATION INSTRUCTIONS (MPII).
  - CONCRETE CONSTRUCTION PER CBC SECTION 1705.3 AND TABLE 1705.3. EXCEPTION: SPECIAL INSPECTIONS SHALL NOT BE REQD. FOR:
    - ISOLATED SPREAD OR CONTINUOUS CONCRETE FOOTINGS SUPPORTING WALLS OF BUILDINGS (3) STORES OR LESS IN HEIGHT (WHOSE STRUCTURAL DESIGN IS BASED ON A 28 DAY DESIGN COMPRESSIVE STRENGTH,  $f_c$ , OF NO GREATER THAN 2500 PSI.
    - POST-TENSIONED SLABS ON GRADE WHERE EFFECTIVE PRESTRESS IN THE CONCRETE IS LESS THAN 150 PSI.
  - STEEL CONSTRUCTION AND WELDING PER CBC SECTION 1705.2 AND TABLE 1705.2.
  - INSTALLATION OF 56TB AND 56B ANCHOR BOLTS AS REQD. PER ICC REPORT.
  - CERTIFICATE OF APPROVAL REGARDING MATERIALS AND INSPECTION OF PREFABRICATED ITEMS SHALL BE PROVIDED IN ACCORDANCE WITH IBC SECTION 1704.

**Architect:**

**D**  
ARCHITECTURE  
Innovation and Design in  
Architecture, Inc.  
218 The Promenade North  
Long Beach, CA 90802  
www.idaxperio.com

**Geoffrey B. Lim**  
AIA, NCARB, LEED AP  
Please, reuse, reproduce, alter, and report not  
containing a red ink seal imprint accompanied by an  
original.

Signature by the licensed professional may have been  
falsely obtained and shall not be considered an original  
copy. All information should be interpreted unless verified  
by the professional whose signature appears above.  
Copyright Protected 2018.

**Engineering Consultant:**

2 Venture Suite 200  
Irvine, CA 92618  
949.477.4001 | wrighte.com

**WRIGHT**  
engineers

**Project Owner:**

LBX - CA - USA  
DINE + DRINK  
8009

**Stamp:**

REGISTERED PROFESSIONAL ENGINEER - MECHANICAL  
THOMAS C. ALLEN  
1683680  
STATE OF CALIFORNIA  
9/24/2018

**Issue For:**

**Project Status:**

**Issue Date:**  
9/24/2018

**Revisions:**

NO.	REASON	DATE

**Principal in Charge:**  
WE

**Project Manager:**  
SE

**Drawn By:**  
R1047

**Project Address:**

**THE 908**  
LBX - LONG BEACH  
EXCHANGE  
3850 WORSHAM  
BOULEVARD  
SUITE 410, BUILDING R-4  
Project Number:


**Sheet Title:**

**GENERAL STRUCTURAL  
NOTES (CONT'D.)**

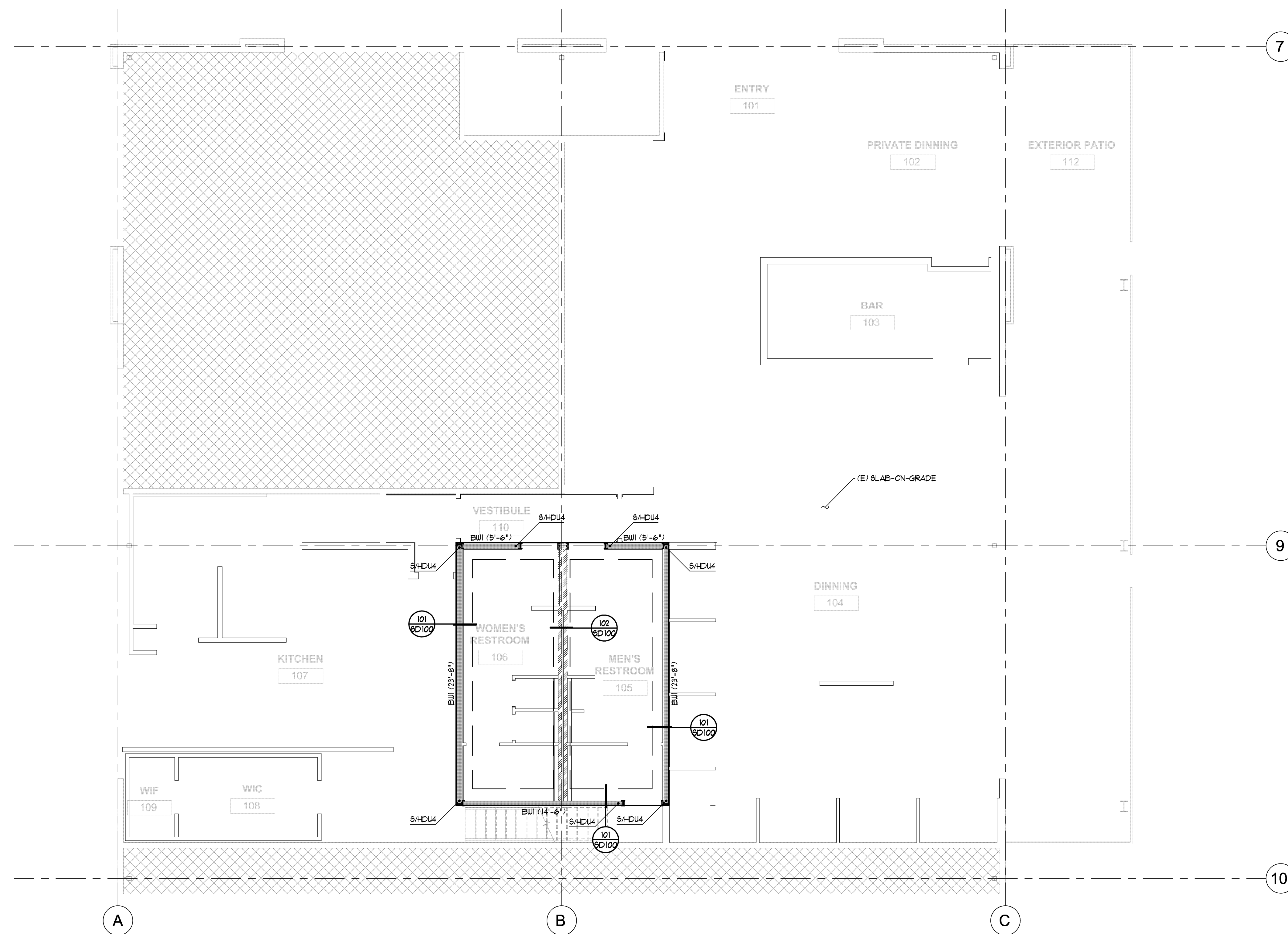
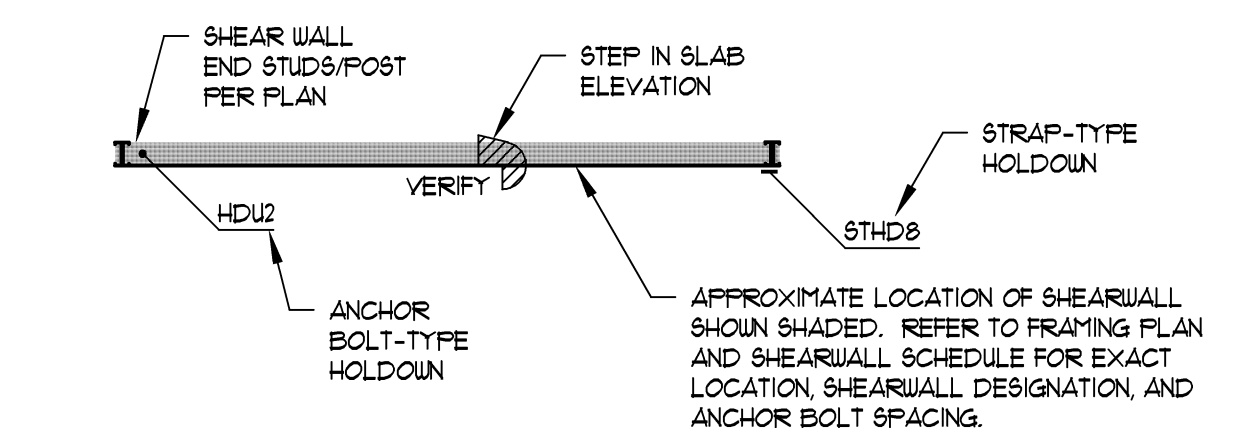
**Sheet Number:**

**S101**

**FOUNDATION PLAN NOTES**

- A. VERIFY ALL DIMENSIONS, ELEVATIONS, SLOPES, ETC. w/ ARCH'L AND/OR CIVIL PRIOR TO CONSTRUCTION. RESOLVE DISCREPANCIES WITH ARCHITECT.
- B. VERIFY LOCATION AND SIZE OF ALL INSERTS AND OPENINGS IN SLAB WITH ARCH'L, MECH, PLUMBING, AND ELECT. PRIOR TO CONSTRUCTION.
- C. ALL FOOTINGS SHALL EXTEND 18 INCHES MIN. BELOW PAD GRADE. PAD GRADE IS DEFINED AS TOP OF SLAB FOR INTERIOR FOOTINGS, LOWEST ADJACENT COMPACTED SUBGRADE (PAD GRADE BEFORE LANDSCAPING) OR NATURAL GRADE WITHIN 5 FEET OF BUILDING FOR PERIMETER FOOTINGS, OR TOP OF EXTERIOR PAVING OR CONCRETE WHERE EXTERIOR PAVING OR CONCRETE IS PERMANENTLY LOCATED DIRECTLY ADJACENT TO BUILDING AND EXTENDS AT LEAST 5 FEET FROM BUILDING. FOOTING EXCAVATIONS SHALL BE CLEAN AND FREE FROM LOOSE DEBRIS, STANDING WATER OR UNCOMPACTED MATERIAL AT TIME OF CONCRETE PLACEMENT. CONTRACTOR SHALL COORDINATE FOOTING EMBEDMENT WITH CIVIL GRADING PLANS TO ENSURE THAT MINIMUM EMBEDMENT SPECIFIED ABOVE IS MAINTAINED.
- D.  BW1, BW2, BW3 ... DENOTES BRACED WALL PER SCHEDULE ON SHEET 9103
- E. REFER TO DETAIL 103/SD101 FOR TYPICAL SLAB FOUR-BACK DETAIL, AS REQUIRED AT PLUMBING TRACKS
- F. ANCHOR BOTTOM PLATE AT CONCRETE w/ 5/8" MIN. DIA. 1/2" BOLT w/ ROUND CUT WASHER AND NUT w/ 1" MIN. EMBEDMENT, AND 1-3/4" MIN. CLEAR FROM EXTERIOR EDGE OF SLAB PROVIDE MIN. 12" ABS. PER BOTTOM PLATE PIECE. LOCATE ABS. WITHIN 12" OF EACH END OF EACH PIECE. ANCHOR BOLT SHALL BE LOCATED 3 1/2" MIN. AND 12" MIN. FROM EDGE OF CONCRETE PERPENDICULAR TO THE LENGTH OF THE PLATE. ABS. SPACING SHALL NOT EXCEED 48" o.c. AT LOAD-BEARING WALLS AND 72" o.c. AT INTERIOR NON-LOAD-BEARING WALLS. HOLD-DOWN ANCHORS DO NOT COUNT AS REPLACING ANCHOR BOLTS. SEE SHEAR WALL SCHEDULE ON FRAMING PLAN FOR ADD'L. ANCHORAGE REQUIREMENTS AT SHEAR WALLS.
- G. SEE G&N FOR ANCHOR BOLT SUBSTITUTIONS AND HOLD-DOWN ANCHORAGE.

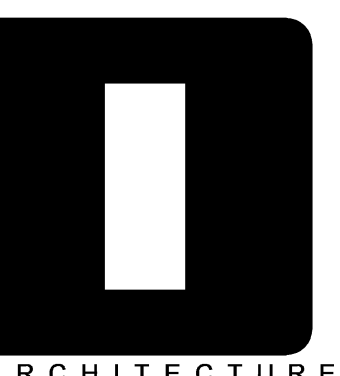
**SYMBOL LEGEND**



**FOUNDATION PLAN**  
SCALE: 3/16" = 1'-0"



Architect:



**ARCHITECTURE**  
Innovation and Design in  
Architecture, Inc.

218 The Promenade North  
Long Beach, CA 90802  
www.lbxexperience.net

**GEOFFREY B. LIM**  
AIA, NCARB, LEED AP

Plans, maps, specifications, studies, and reports not containing a red ink seal imprint accompanied by an original signature by the licensed professional may have been fraudulently altered and shall not be considered an original copy. All information should be interpreted unless verified by the professional whose signature appears above.  
Copyright Protected 2018.

Engineering Consultant:

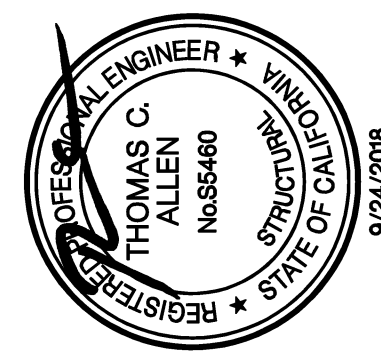
2 Venture Suite 200  
Irvine, CA 92618  
949.477.4001 wwrighte.com



Project Owner:



Stamp:



Issue For:

Project Status:

Issue Date:

9/24/2018

Revisions:

NO.	REASON	DATE

PRINCIPAL IN CHARGE:

WE

PROJECT MANAGER:

SE

DRAWN BY:

STAFF

Project Address:

**THE 908**  
**LBX - LONG BEACH**  
**EXCHANGE**  
**3850 WORSHAM**  
**BOULEVARD**  
**SUITE 410, BUILDING R-4**

Project Number:

Sheet Title:

**FOUNDATION PLAN**

Sheet Number:

**S102**

**BRACED WALL SCHEDULE**

- A. BUXX DESIGNATES TENSION BRACING PER SCHEDULE BELOW. LOCATE TENSION BRACING ON SIDE OF WALL. REFER TO DETAIL 204/SD102.
- B. QUANTITY OF SCREWS INDICATES NUMBER OF SCREWS FROM DIAGONAL BRACE INTO EA. END STUD INTO THE BOTTOM TRACK AND THE TOP TRACK. SCREWS ARE NOT REQUIRED WHERE DIAGONAL BRACE IS WELDED.
- C. WHERE STUD THICKNESS PER PLAN IS LESS THAN STRAP THICKNESS, THICKNESS OF STUDS AND TRACKS SHALL BE INSTALLED TO MATCH STRAP THICKNESS AT BRACE WALL.
- D. DOUBLE END STUDS, IN ADDITION TO TYPICAL STUDS PER PLAN, SHALL BE INSTALLED AT EA. END OF BRACED WALL AS NOTED BELOW OR PER TYPICAL STUDS, WHICHEVER IS MORE STRINGENT. DOUBLE STUDS NOT REQUIRED AT STEEL COLLUMS.
- E. MINIMUM SCREW SPACING SHALL BE MAINTAINED AT 3x DIAMETER
- F. BRACES SHALL USE 36KSI STEEL

MARK	NOTES
BULL	SEE DETAIL 204/SD102 FOR ELEVATION

**MEZZANINE PLAN NOTES**

- A. VERIFY ALL DIMENSIONS, ELEVATIONS, SLOPES, ETC. w/ ARCH'L. PRIOR TO CONSTRUCTION. RESOLVE DISCREPANCIES WITH ARCHITECT.
- B. BULL, BUL, BULS, DENOTES BRACED WALL PER SCHEDULE ON THIS SHEET
- C. SEE TYPICAL DETAILS FOR FRAMING REQUIREMENTS AT OPENINGS IN FLOOR OR ROOF. ALL OPENINGS MAY NOT NECESSARILY BE SHOWN ON PLANS.
- D. H1, H2, H3, DENOTES CFS BUILT-UP HEADER PER SCHEDULE ON THIS SHEET
- E. MISC. ITEMS SUCH AS STAIRS, LANDINGS, RAILINGS, MECH. EQUIPMENT ATTACHMENT TO PRIMARY STRUCTURAL FRAMING, ETC. SHALL BE DESIGNED BY OTHERS AND SUBMITTED FOR REVIEW AS DEFERRED SUBMITTALS PRIOR TO CONSTRUCTION. SEE G&N FOR DEFERRED SUBMITTAL REQUIREMENTS.
- F. J51, J52, J53, DENOTES CFS JAMB STUD PER SCHEDULE ON THIS SHEET
- G. 'C+V', DENOTES REQ'D. UPWARD CAMBER AT MIDSPAN OF BEAM OR GIRDER
- H. MEZZANINE SHEATHING AND FASTENERS SHALL BE AS FOLLOWS UNO. ON PLAN:  
 1. 3/4" T & G. PL. WOOD PER G&N.  
 2. #10 SCREWS AT 6" o.c. BOUNDARY FASTENERS (DIAPHRAGM BOUNDARIES, SHEAR PANEL BLOCKING, SOLID BLOCKING AND DRAG MEMBERS AS NOTED ON FRAMING DETAILS).  
 3. #10 SCREWS AT 6" o.c. EDGE FASTENERS (AT SUPPORTED PANEL EDGES).  
 4. #10 SCREWS AT 12" o.c. FIELD FASTENERS (ALONG INTERMEDIATE FRAMING MEMBERS).  
 5. HATCHED AREA INDICATES BLOCKED DIAPHRAGM w/ #10 SCREWS AT 4" o.c. AT EDGES AND BOUNDARIES AND 12" o.c. FIELD UNO.
- I. TYPICAL LOAD BEARING WALL WALL FRAMING SHALL BE 6005200-54 (50 KSI) STEEL STUDS AT 16" o.c. UNO. REFER TO 209/SD102 AND 206/SD102 FOR TOP OF WALL TO (E) FRAMING ATTACHMENT

**MEZZANINE PLAN KEYNOTES**

- ① TYPICAL MEZZANINE FRAMING SHALL BE 6005250-68 111 JOISTS AT 16" o.c.

**CFS BUILT-UP HEADER (H) SCHEDULE**

- A. REFER TO TYPICAL DETAIL 06/SD101 FOR TYPICAL BUILT-UP HEADER REQUIREMENTS. ALL HEADER MATERIAL SHALL BE 50 KSI, UNO.
- B. DO NOT FUNCH HEADER UNO. ON PLANS OR DETAIL.
- C. WHERE NO JAMB IS NOTED ON PLAN OR SCHEDULE PROVIDE (1) STUD PER WALL SCHEDULE AT EACH END OF OPENING.
- D. XXXT125-XX DENOTES HEADER TRACK. TRACK WIDTH TO MATCH STUD WALL WIDTH.

HEADER MARK	BUILT-UP HEADER	HEADER TO JAMB CONNECTION	NOTES
H1	(2) 6005200-54 mil XXXT125-54 mil	(1) #10x1" SCREWS	.
H2	(2) 12005200-54 mil XXXT125-54 mil	(1) #10x1" SCREWS	.

**CFS JAMB STUD (JS) SCHEDULE**

- ① (2) RQUS #10 x 1/2" SCREWS AT 24" o.c.
- ② 1" x 3" x 43 MIL (18 GA.) CLIP AT 24" o.c. w/ (1) #10x1/2" SCREW TO EACH STUD
- ③ CLOSURE TRACK AS OCCURS AT WALL OPENING

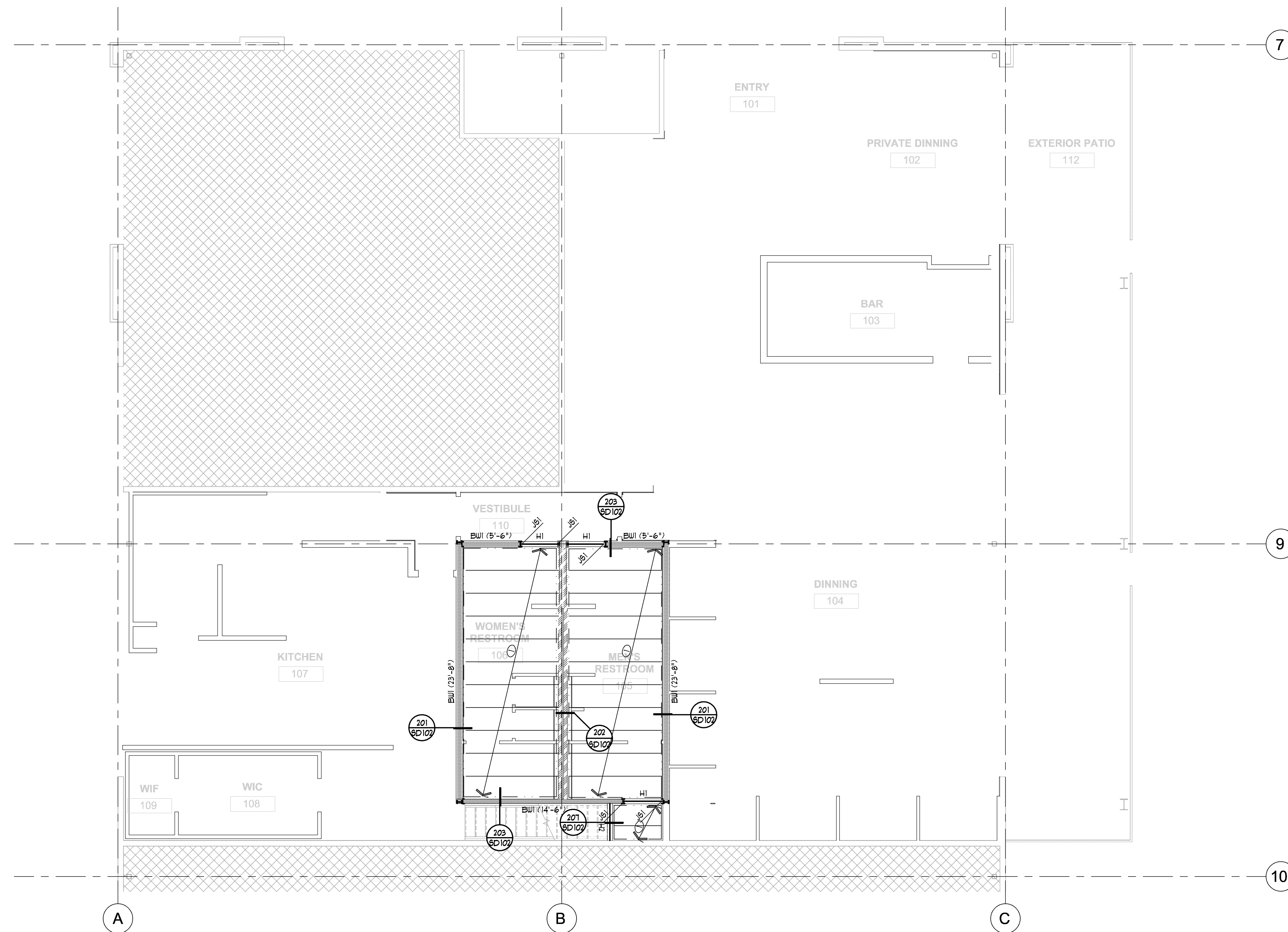
BACK - TO - BACK

- A. BUILT-UP OPTION MAY NOT BE USED AT BOLTED HOLDINGS
- B. ALL JAMB MATERIAL SHALL BE 50 KSI, UNO.

BUILT - UP

- A. ALL JAMB STUD MATERIAL SHALL BE 50 KSI, UNO. LOCATE JAMB STUDS EACH END OF HEADER.

MARK	JAMB STUD(S)	NOTES
J51	(2) 6005200-54	.



**MEZZANINE FLOOR FRAMING PLAN**

SCALE: 3/16" = 1'-0"



**Architect:**  
**D** ARCHITECTURE  
 Innovation and Design in Architecture, Inc.  
 218 The Promenade North  
 Long Beach, CA 90802  
 www.idaarchitecture.com  
**GEORFREY B. LIM**  
 AIA, NCARB, LEED AP  
Plans, specs, specifications, details and reports not containing a red ink seal imprint accompanied by an original signature by the licensed professional may have been fraudulently altered and shall not be considered an original copy. All information should be interpreted unless verified by the professional whose signature appears above.  
 Copyright Protected 2018.

**Engineering Consultant:**  
 2 Venture Suite 200  
 Irvine, CA 92618  
 949.477.4001 wwrighte.com  
**WRIGHT** engineers

**Project Owner:**  
 LBX - CA - USA  
**8009**  
 DINE + DRINK

**Stamp:**  
 REGISTERED PROFESSIONAL ENGINEER - MECHANICAL  
 THOMAS C. ALLEN  
 1083680  
 STATE OF CALIFORNIA  
 9/24/2018

**Issue For:**  
**Project Status:**  
**Issue Date:**  
 9/24/2018  
**Revisions:**

NO.	REASON	DATE

**PRINCIPAL IN CHARGE:**  
 WE  
**PROJECT MANAGER:**  
 SE  
**DRAWN BY:**  
 STAFF  
**Project Address:**  
**THE 908**  
**LBX - LONG BEACH**  
**EXCHANGE**  
**3850 WORSHAM**  
**BOULEVARD**  
**SUITE 410, BUILDING R-4**  
**Project Number:**  
**Sheet Title:**  
**MEZZANINE FLOOR**  
**FRAMING PLAN**  
**Sheet Number:**  
**S103**

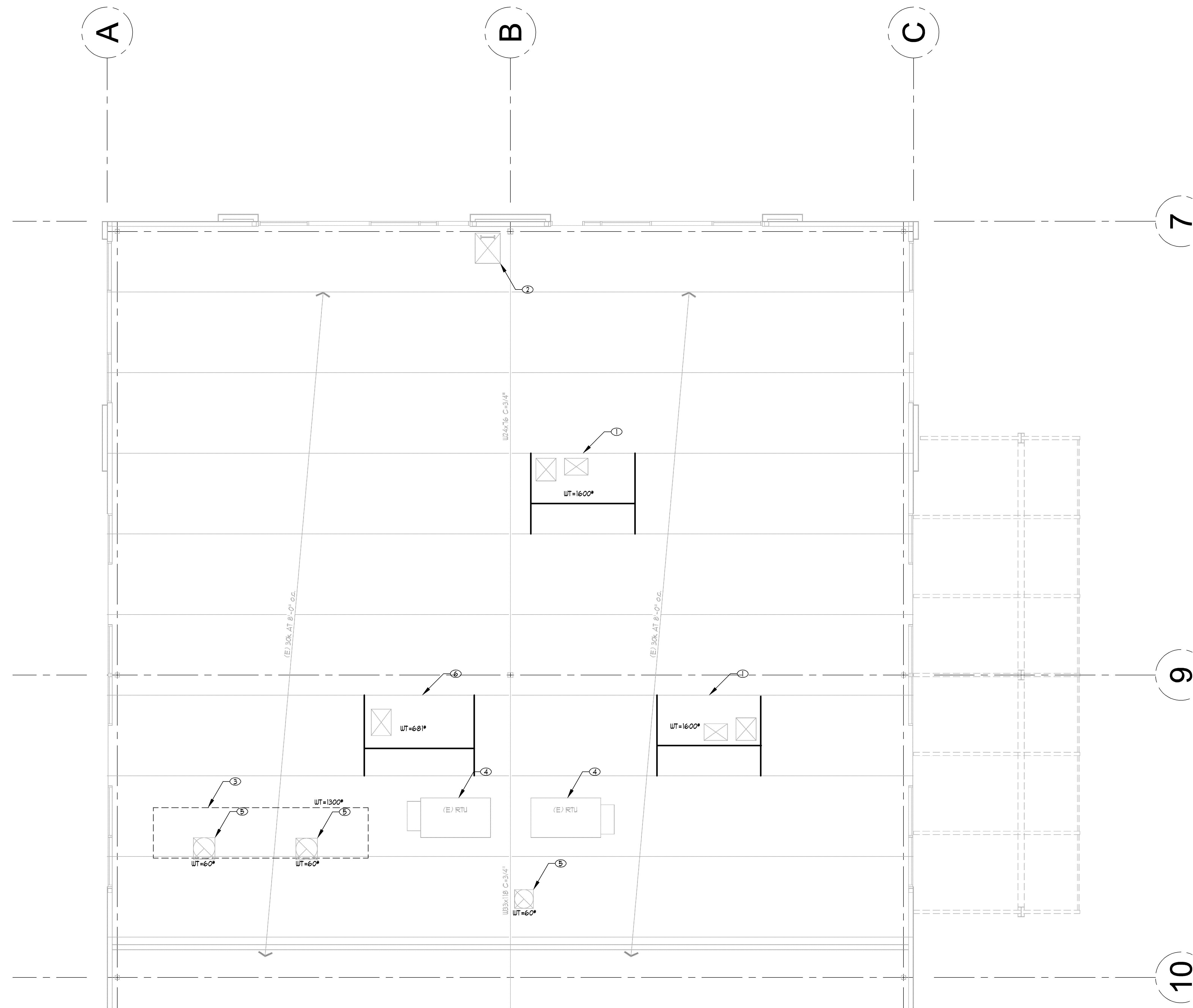
S103-8716-SP11

**ROOF FRAMING PLAN NOTES**

- A. VERIFY ALL DIMENSIONS, ELEVATIONS, SLOPES, ETC. w/ ARCH. PRIOR TO CONSTRUCTION. RESOLVE DISCREPANCIES WITH ARCHITECT.
- B. STRUCTURAL SCOPE OF WORK AT ROOF IS LIMITED TO THE FOLLOWING:
  - B.1. SUPPORT OF (N) MECHANICAL UNIT
  - B.2. SUPPORT OF (N) KITCHEN HOOD
  - B.3. SUPPORT OF (N) MAKE-UP AIR UNIT
  - B.4. SUPPORT OF (N) EXHAUST FANS
- C. SEE TYPICAL DETAILS FOR FRAMING REQUIREMENTS AT OPENINGS IN FLOOR OR ROOF. ALL OPENINGS MAY NOT NECESSARILY BE SHOWN ON PLANS.
- D. MISC. ITEMS SUCH AS STAIRS, LANDINGS, RAILINGS, MECH. EQUIPMENT ATTACHMENT TO PRIMARY STRUCTURAL FRAMING, ETC. SHALL BE DESIGNED BY OTHERS AND SUBMITTED FOR REVIEW AS DEFERRED SUBMITTALS PRIOR TO CONSTRUCTION. SEE G.S.N. FOR DEFERRED SUBMITTAL REQUIREMENTS.

**ROOF FRAMING KEYNOTES**

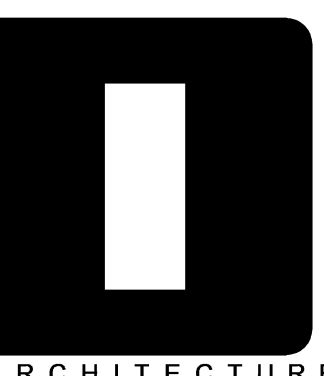
- ① (N) MECHANICAL UNIT. REFER TO DETAIL 11/SD/01 FOR FRAMING REQUIREMENTS UNDER UNIT. VERIFY LOCATION AND WEIGHT w/ MECHANICAL PLANS.
- ② (E) ROOF ACCESS
- ③ (N) KITCHEN HOOD BELOW PER KITCHEN PLANS. REFER TO DETAIL 14/SD/01 FOR TYPICAL SUPPORT. (MAX WT = 1300#)
- ④ (E) RTU TO REMAIN
- ⑤ (N) EXHAUST FAN PER MECHANICAL PLANS. REFER TO DETAIL 12/SD/01 FOR TYPICAL OPENING IN ROOF DECK.
- ⑥ (N) MAU PER MECHANICAL PLANS. REFER TO DETAIL 11/SD/01 FOR FRAMING REQUIREMENTS UNDER UNIT. VERIFY LOCATION AND WEIGHT w/ MECHANICAL PLANS.



**ROOF FRAMING PLAN**  
SCALE: 3/16" = 1'-0"



**Architect:**



**Innovation and Design in Architecture, Inc.**  
218 The Promenade North  
Long Beach, CA 90802  
www.idaperformance.net

**GEOFFREY B. LIM**  
AIA, NCARB, LEED AP

Plans, maps, specifications, studies, and reports not containing a red ink seal imprint accompanied by an original signature of the licensed professional may have been fraudulently altered and shall not be considered an original copy. All information should be interpreted unless verified by the professional whose signature appears above.  
Copyright Protected 2018.

**Engineering Consultant:**

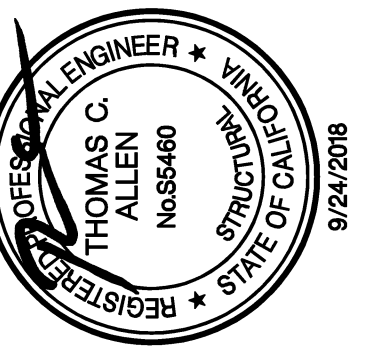
2 Venture Suite 200  
Irvine, CA 92618  
949.477.4001 wwrighte.com



**Project Owner:**



**Stamp:**



**Issue For:**

**Project Status**

**Issue Date:**

9/24/2018

**Revisions:**

NO.	REASON	DATE

**PRINCIPAL IN CHARGE:**

WE

**PROJECT MANAGER:**

SE

**DRAWN BY:**

STW

**Project Address:**

**THE 908**  
**LBX - LONG BEACH**  
**EXCHANGE**  
**3850 WORSHAM**  
**BOULEVARD**  
**SUITE 410, BUILDING R-4**

**Project Number:**

**Sheet Title:**

**ROOF FRAMING PLAN**

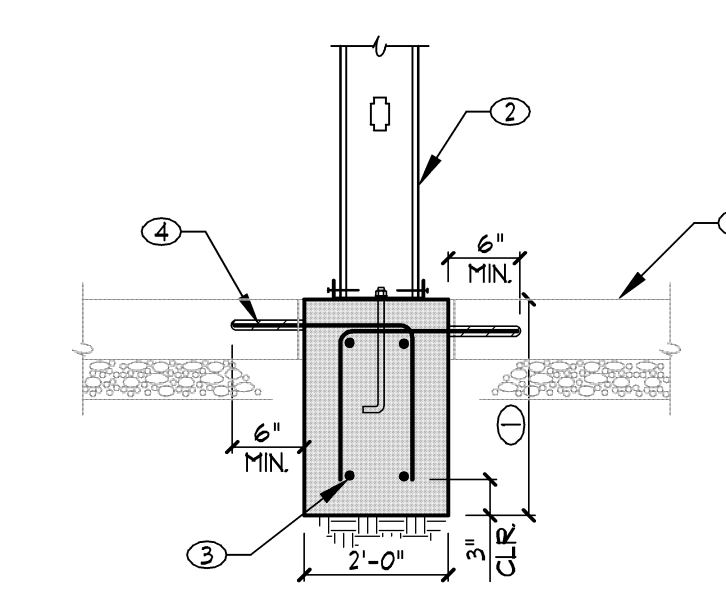
**Sheet Number:**

**S104**

**Sheet Number:**

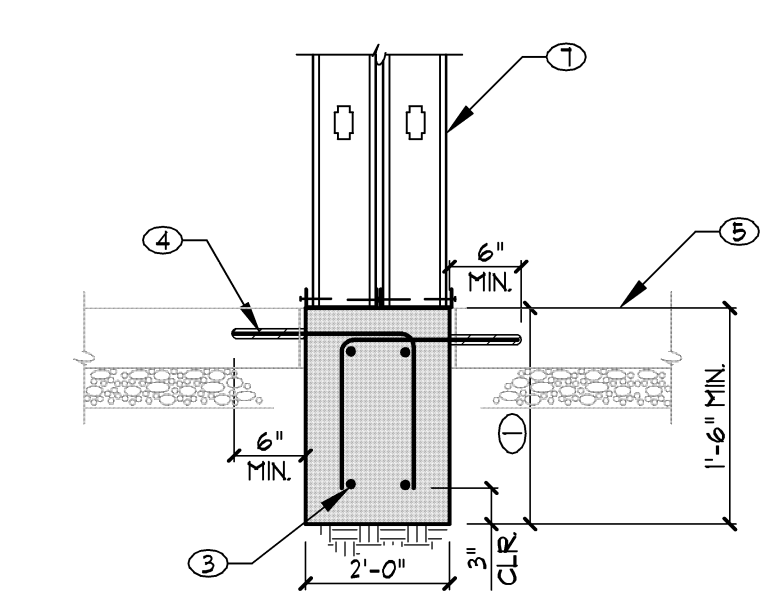
**S104**

SUC: BT/6PR



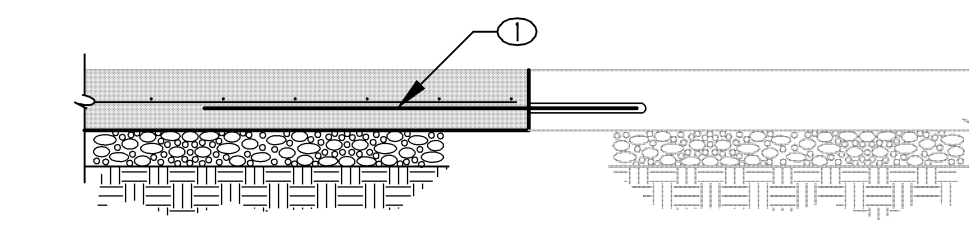
- ① MINIMUM EMBEDMENT PER FOUNDATION PLAN NOTES
- ② #1 CP6 STUD WALL PER PLAN
- ③ #2 #5 CONT. TOP & BOTTOM
- ④ #4 EPOXY DOQUEL AT 18" O.C. MAX. INTO (E) SLAB
- ⑤ (E) SLAB

**101 INTERIOR STUD WALL AT FOOTING**  
101-181146 NO SCALE



- ① MINIMUM EMBEDMENT PER FOUNDATION PLAN NOTES
- ② #1 CP6 STUD WALL
- ③ #2 #5 CONT. TOP & BOTTOM
- ④ #4 EPOXY DOQUEL AT 18" O.C. MAX. INTO (E) SLAB
- ⑤ (E) SLAB

**102 INTERIOR STUD WALL AT FOOTING**  
102-181146 NO SCALE



- ① #4 x 36" EPOXY DOQUEL AT 18" O.C. w/ 9" EMBEDMENT

**103 (N) CONCRETE SLAB AT EXISTING CONCRETE SLAB**  
103-18 180108 NO SCALE

**Architect:**  
  
**O ARCHITECTURE**  
 Innovation and Design in Architecture, Inc.  
 218 The Promenade North  
 Long Beach, CA 90802  
 www.odexperience.net  
**GEOFFREY B. LIM**  
 AIA, NCARB, LEED AP  
Plans, maps, specifications, studies, and reports not containing a red ink seal imprint accompanied by an original signature for the licensed professional may have been fraudulently altered and shall not be considered an original copy. All information should be interpreted unless verified by the professional whose signature appears above.  
 Copyright Protected 2018.

**Engineering Consultant:**  
 2 Venture Suite 200  
 Irvine, CA 92618  
 949.477.4001 wrighte.com  
**WRIGHT**  
 engineers

**Project Owner:**  
  
 LBX - CA - USA  
 8009  
 DINE + DRINK

**Stamp:**  
  
 REGISTERED PROFESSIONAL ENGINEER - MECHANICAL  
 THOMAS C. ALLEN  
 NO. 88840  
 STATE OF CALIFORNIA  
 EXPIRES 9/24/2018

**Issue For:**  
**Project Status**  
**Issue Date:**  
 9/24/2018

**Revisions:**

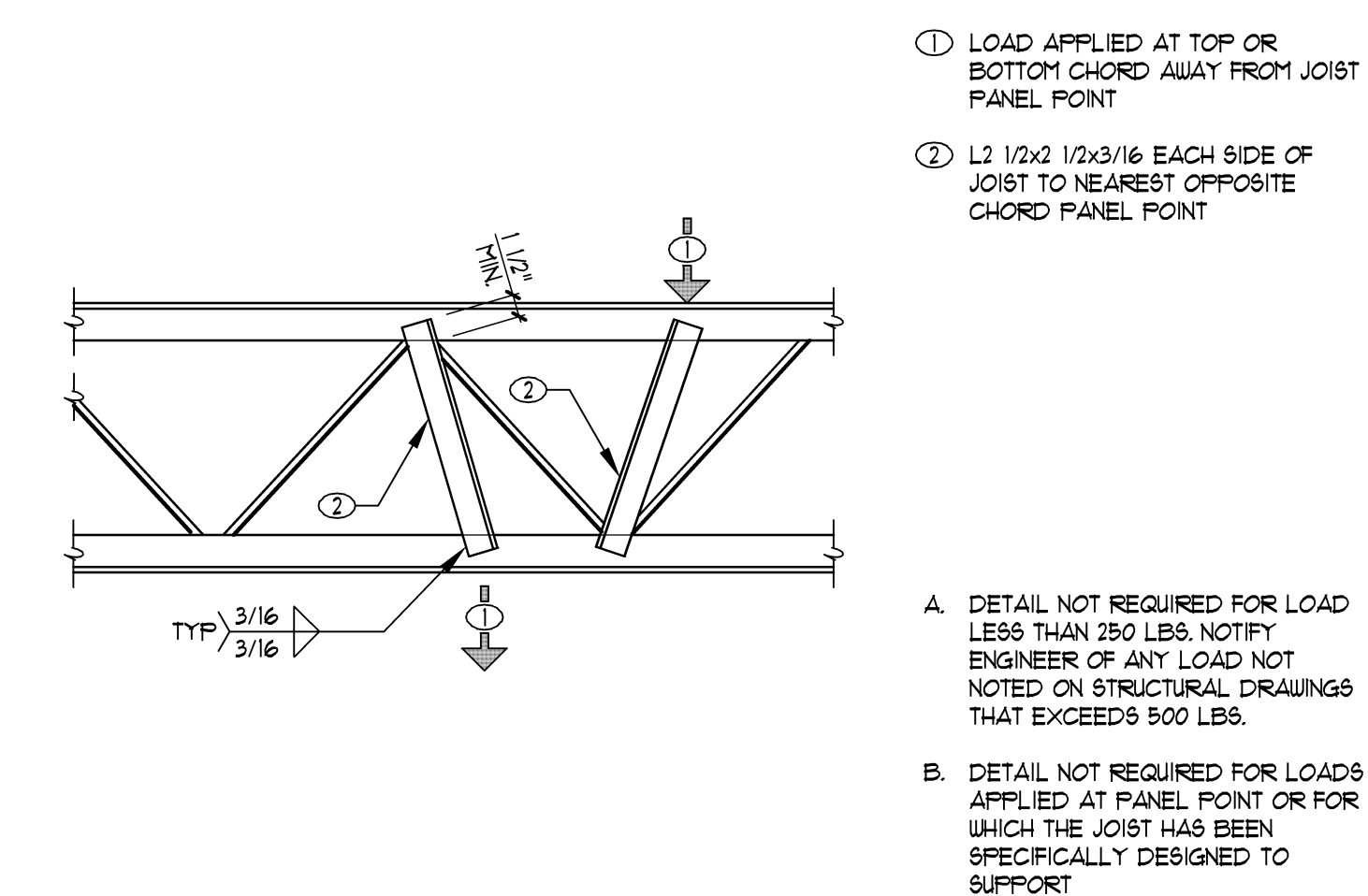
NO.	REASON	DATE

**PRINCIPAL IN CHARGE:**  
 WE  
**PROJECT MANAGER:**  
 SE  
**DRAWN BY:**  
 STAFF  
**Project Address:**  
**THE 908**  
**LBX - LONG BEACH**  
**EXCHANGE**  
**BOULEVARD**  
**SUITE 410, BUILDING R-4**  
**Project Number:**

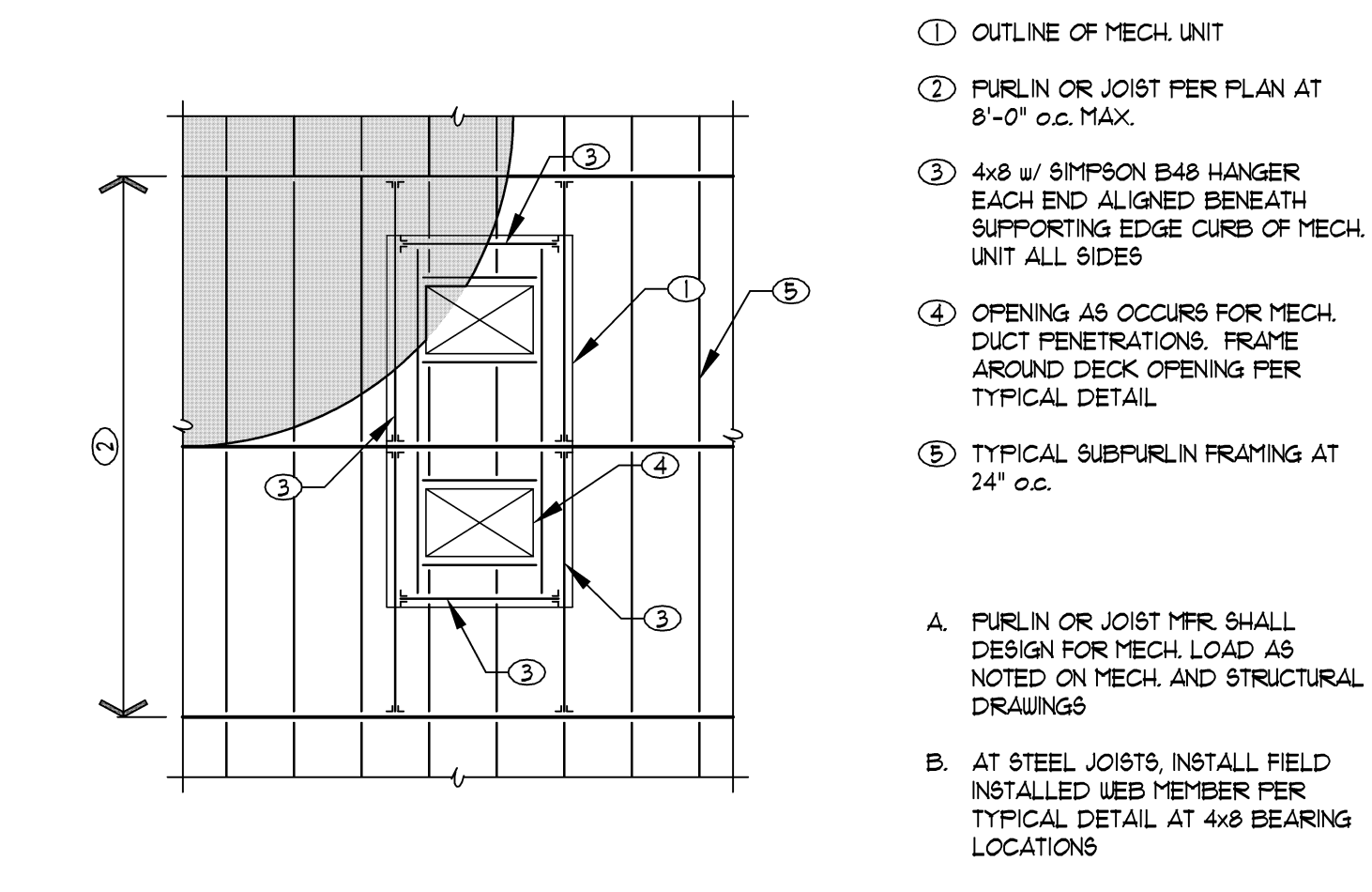
**Sheet Title:**  
**FOUNDATION DETAILS**

**Sheet Number:**  
**SD100**

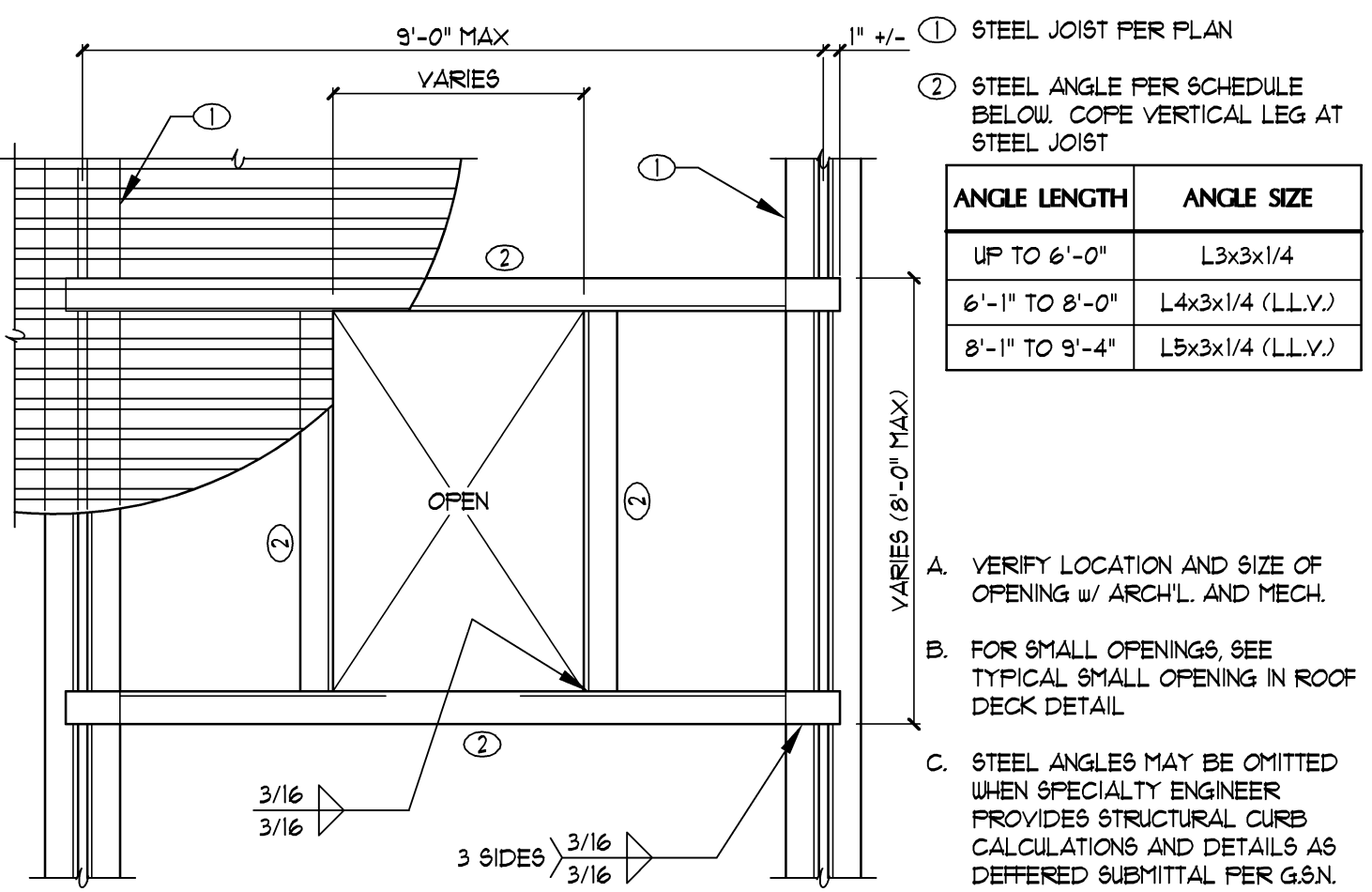
SD100-181146-D



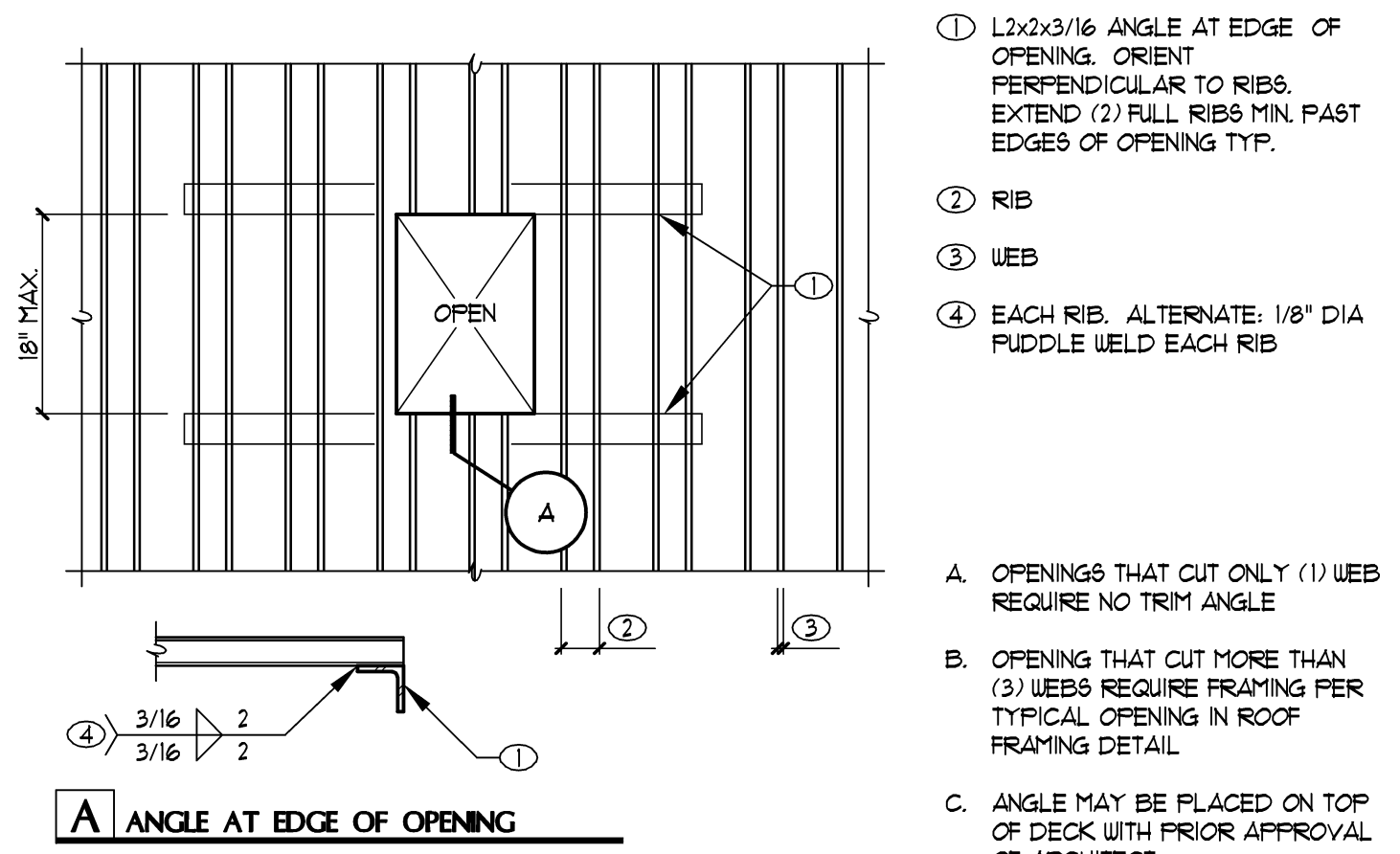
**10 TYPICAL FIELD INSTALLED WEB MEMBER**  
501-01 080430 NO SCALE



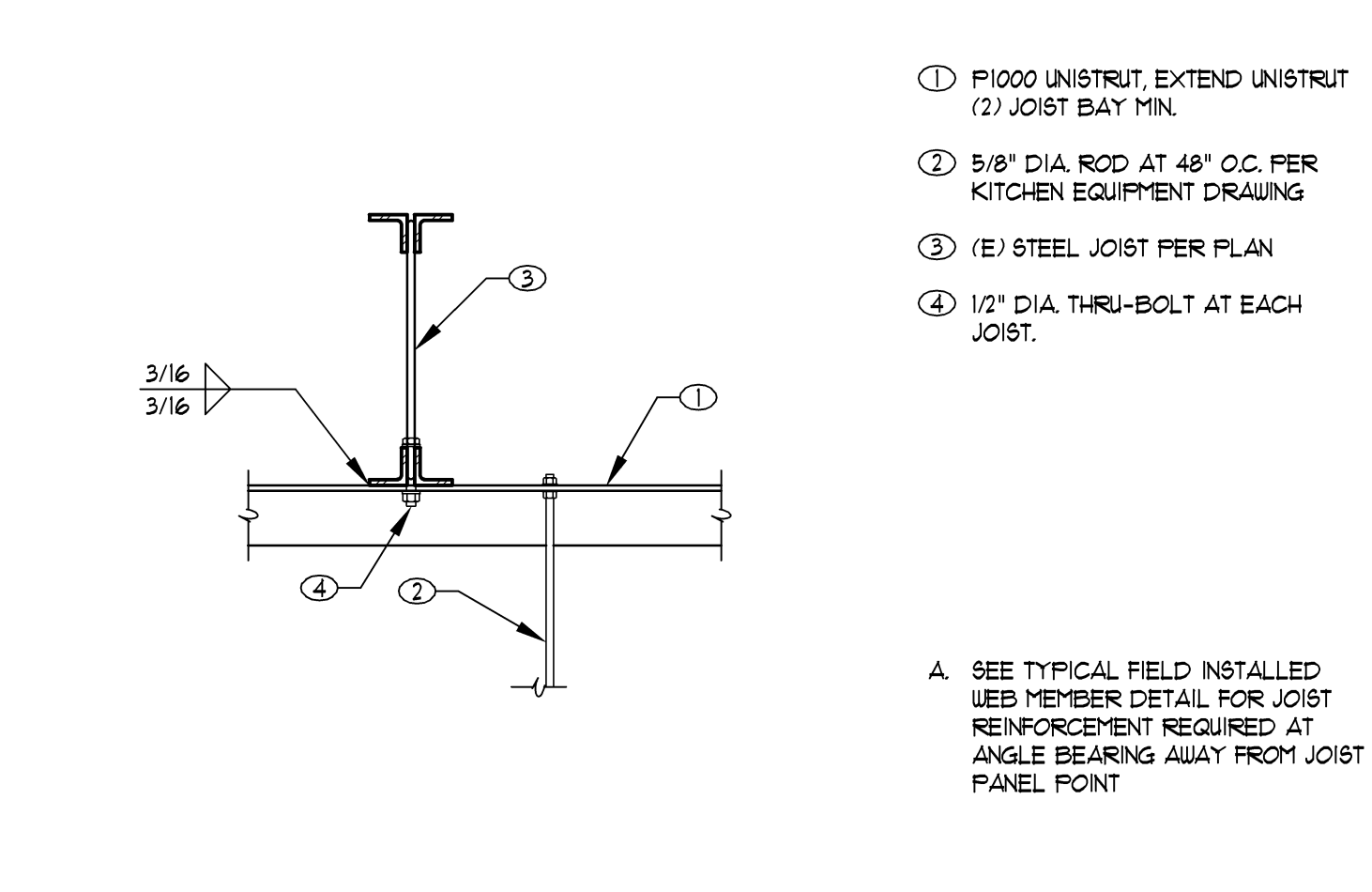
**11 TYPICAL MECH. UNIT SUPPORT FRAMING**  
501-21 030715 PLAN VIEW NO SCALE



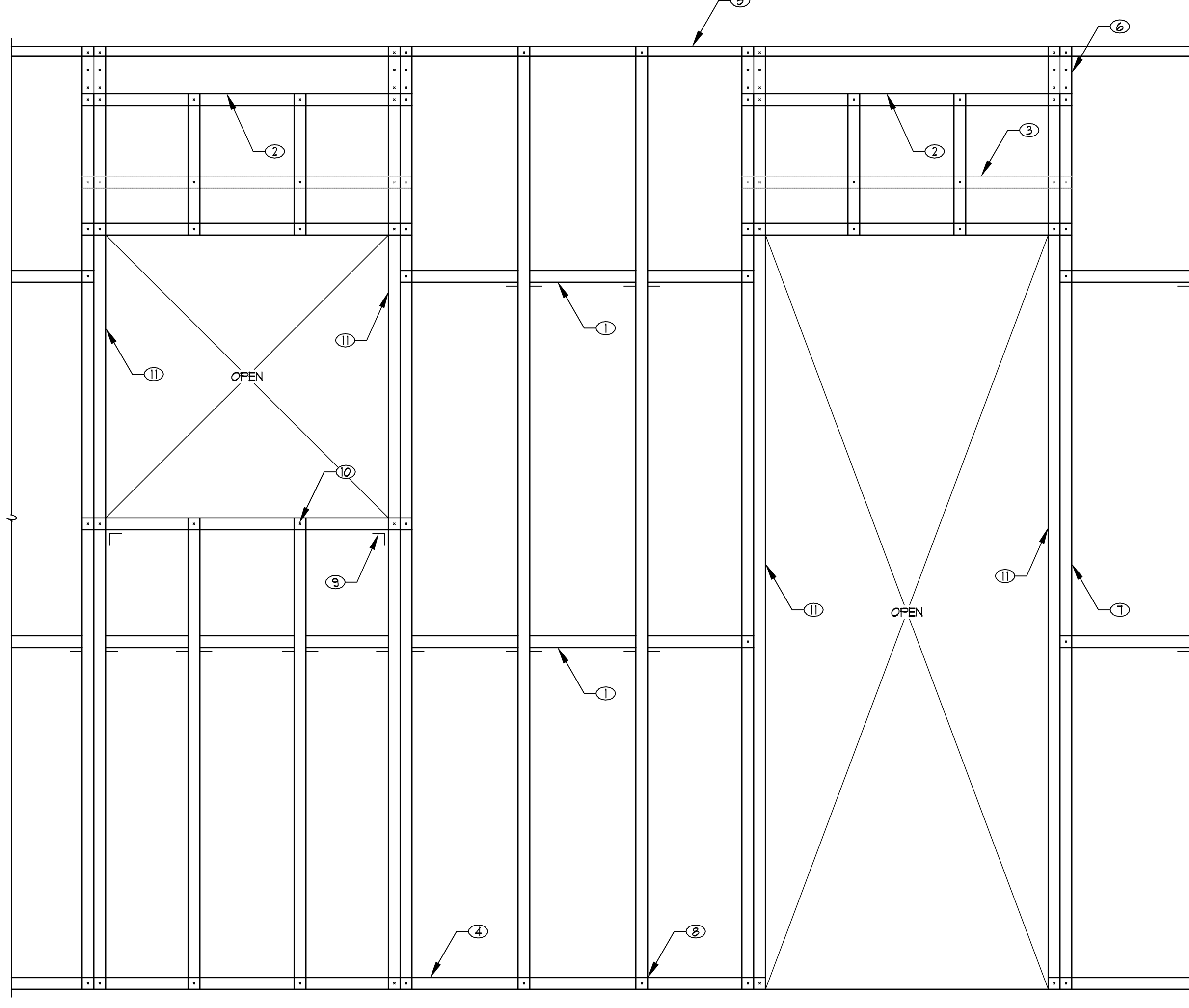
**12 TYPICAL OPENING IN ROOF**  
501-03 070914 NO SCALE



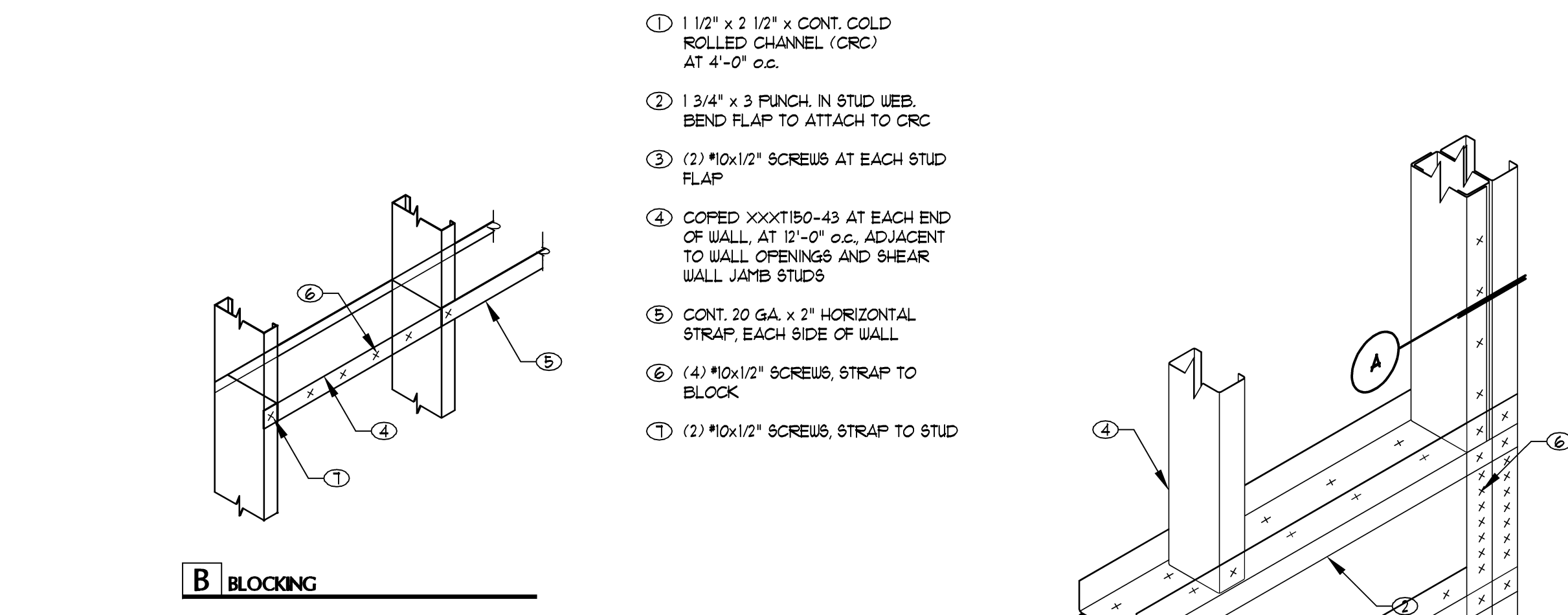
**13 TYPICAL SMALL OPENING IN ROOF DECK**  
501-04 180233 NO SCALE



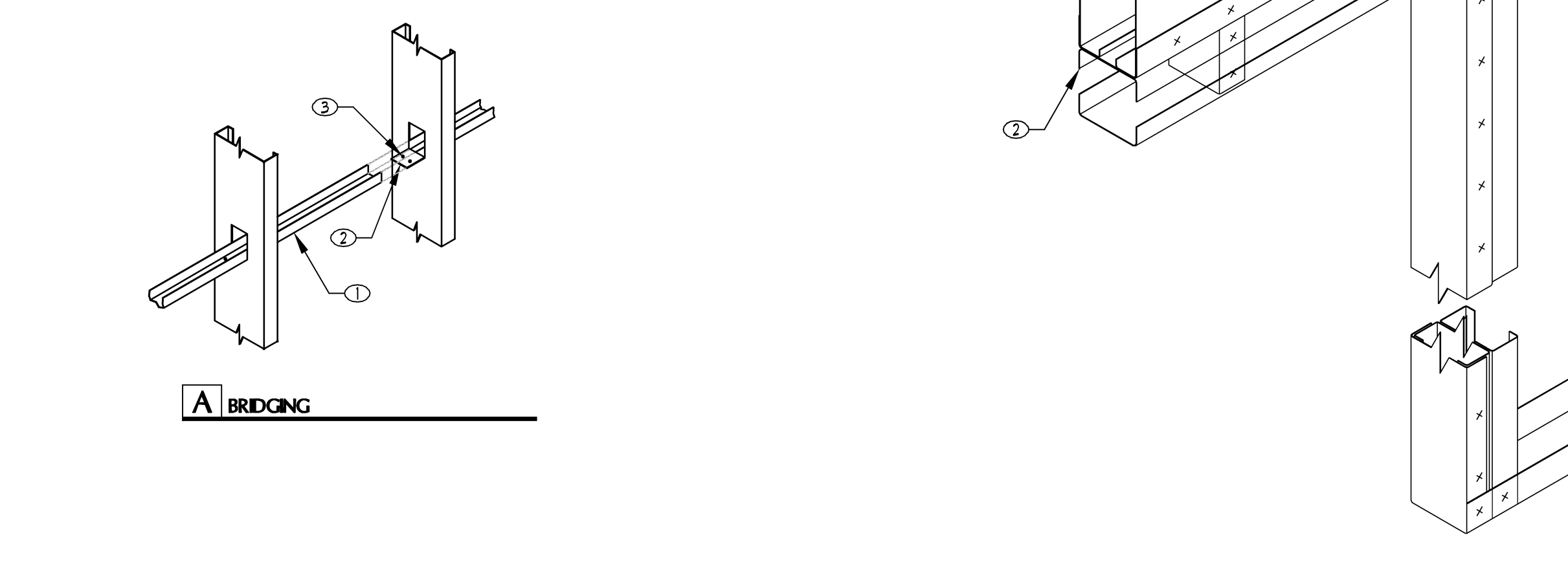
**14 KITCHEN EXHAUST HOOD SUPPORT**  
14-181746 NO SCALE



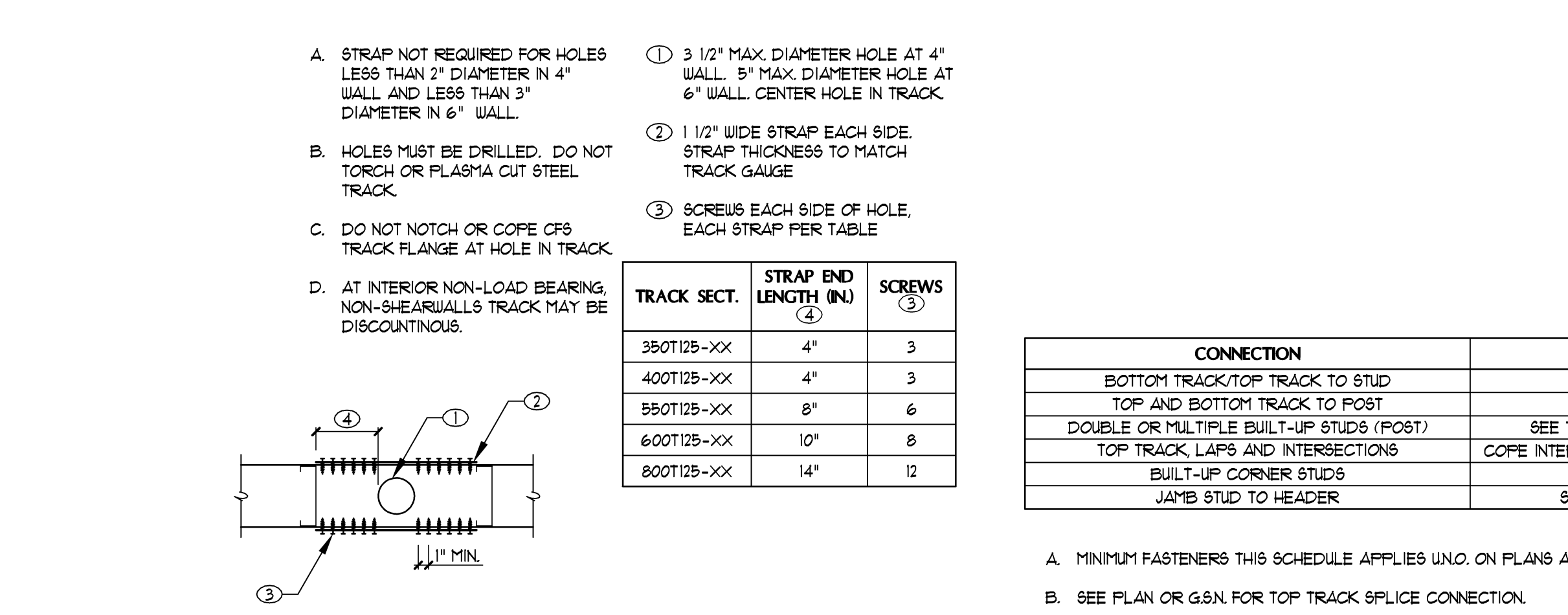
**05 TYPICAL CFS STUD WALL ELEVATION**  
05-181746 NO SCALE



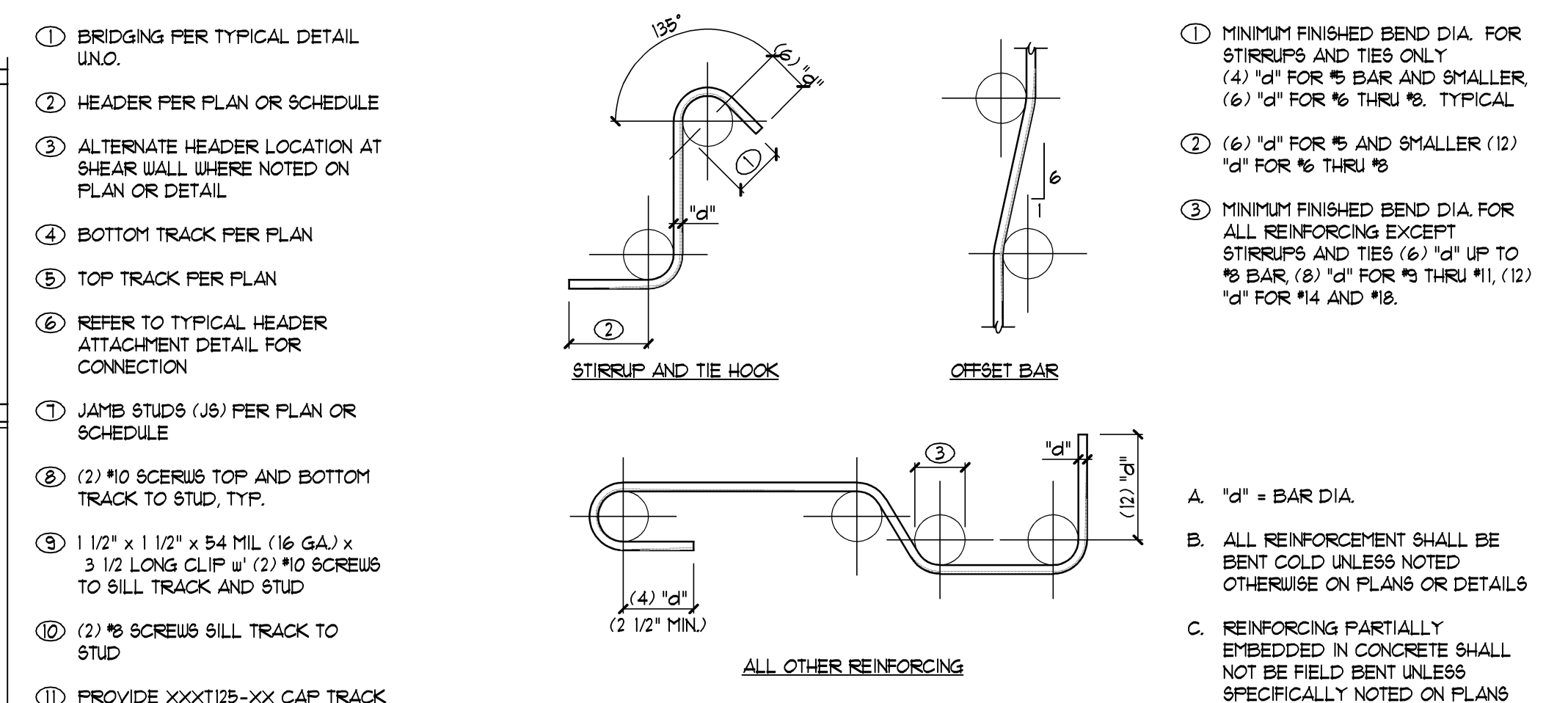
**06 TYPICAL CFS BUILT-UP HEADER AT CFS STUD WALL**  
06-181746 NO SCALE



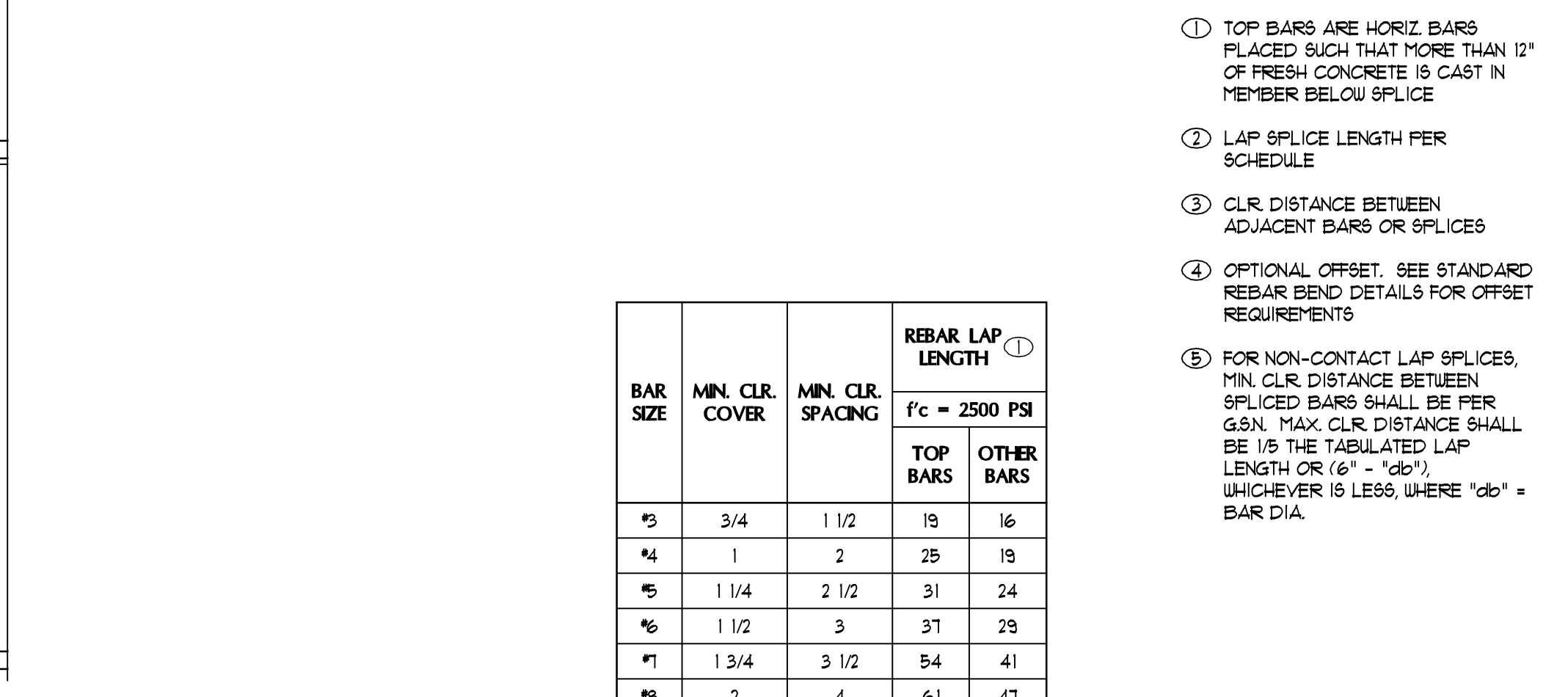
**07 TYPICAL CFS FASTENER SCHEDULE**  
07-181746 NO SCALE



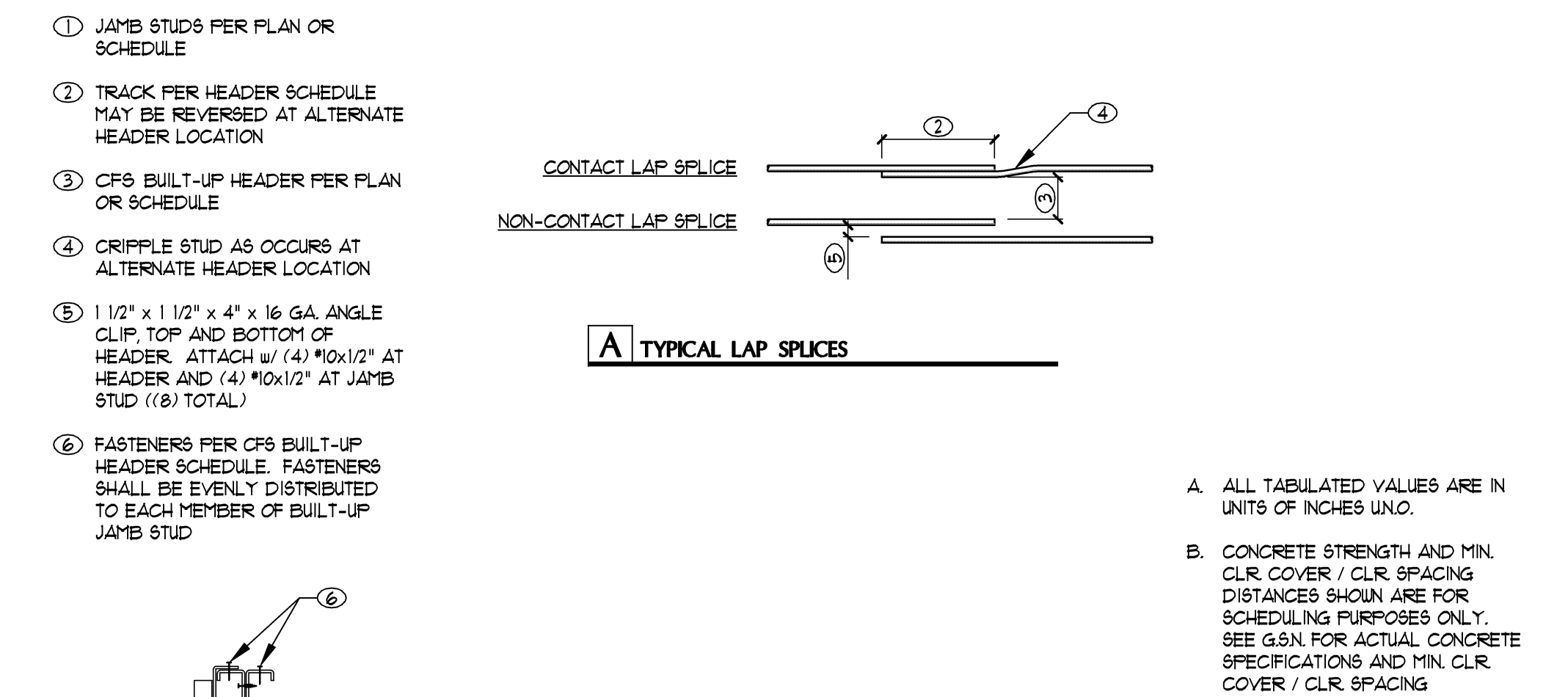
**08 CFS STUD WEB BRACING**  
08-181746 NO SCALE



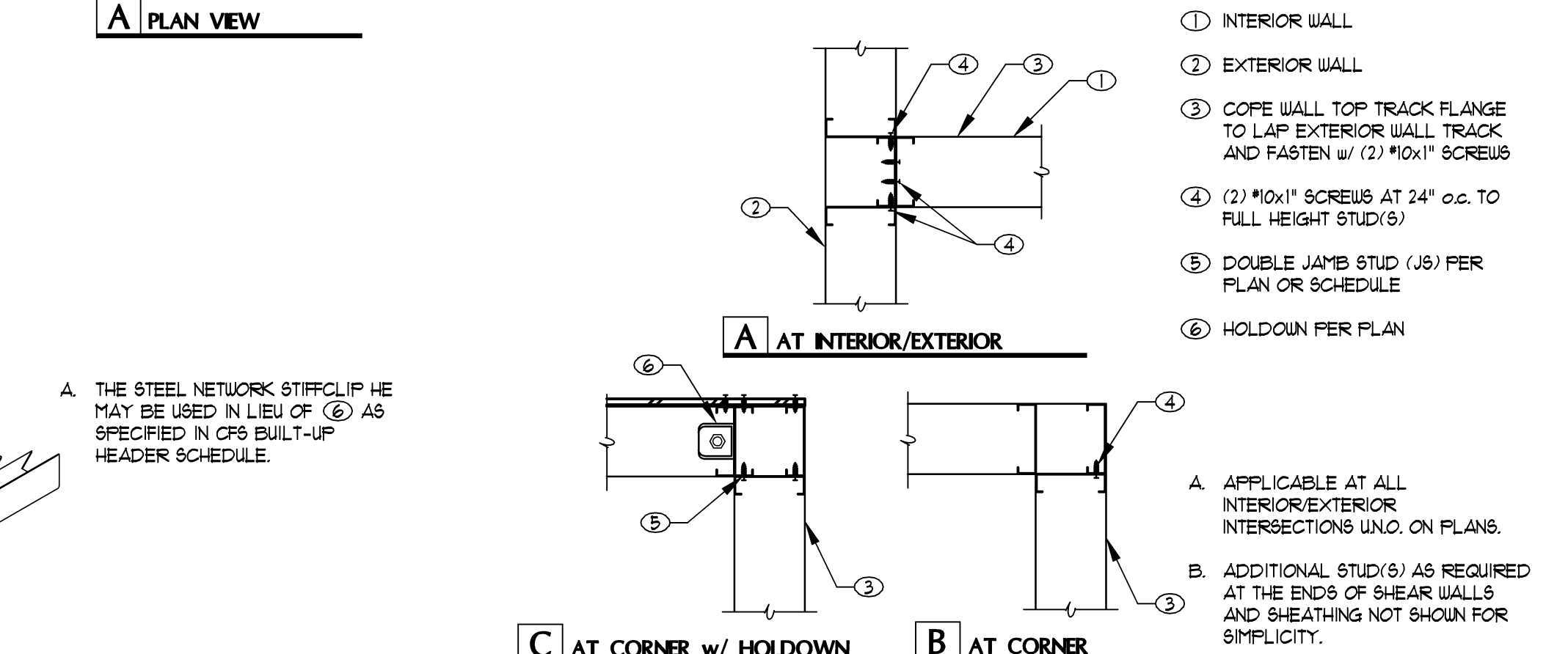
**01 STANDARD REBAR BEND DETAILS**  
01-181746 NO SCALE



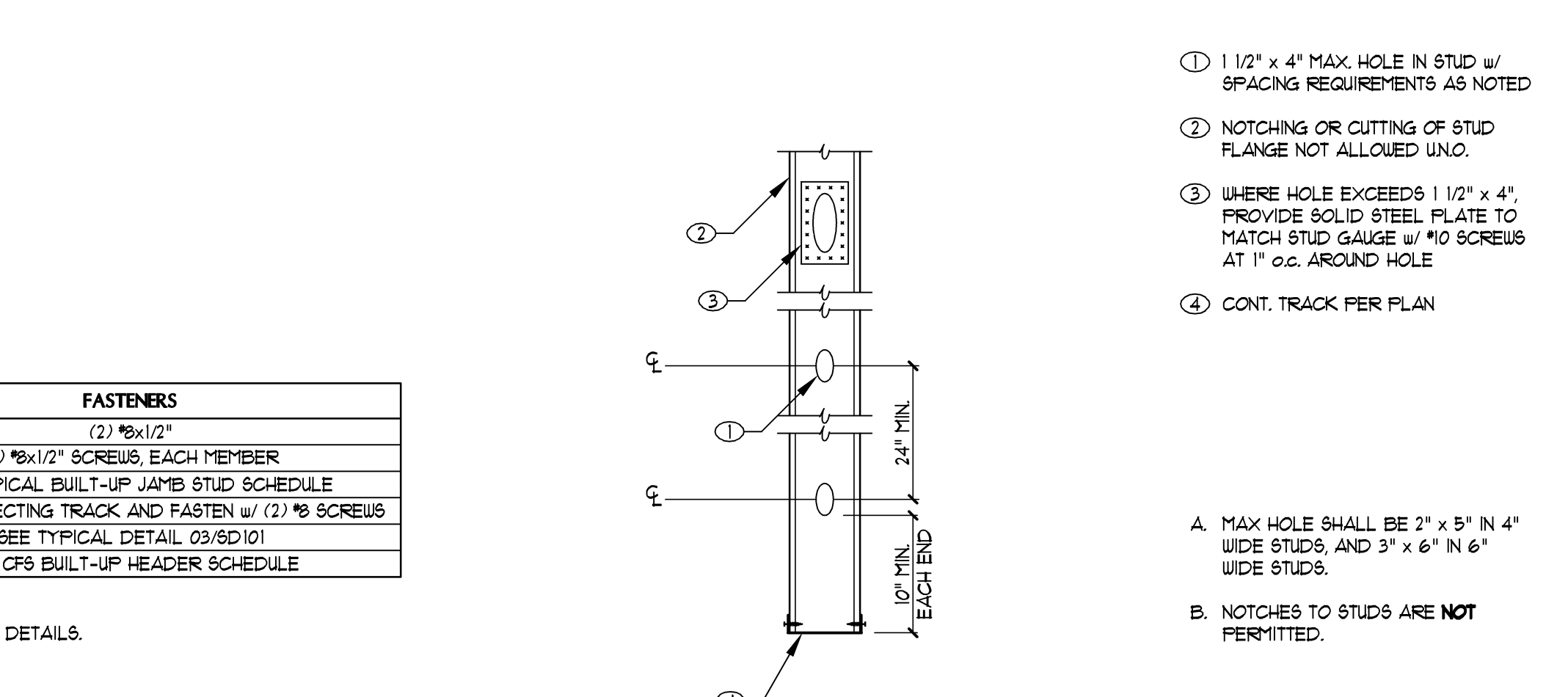
**02 TYPICAL REBAR LAP SCHEDULE (CONCRETE)**  
02-181746 NO SCALE



**03 TYPICAL CFS WALL INTERSECTION**  
03-181746 NO SCALE



**04 TYPICAL CFS STUD HOLES**  
04-181746 NO SCALE



**05 TYPICAL CFS STUD WALL ELEVATION**  
05-181746 NO SCALE

**Architect:**  
  
**WRIGHT architects**  
 Innovation and Design in Architecture, Inc.  
 218 The Promenade North  
 Long Beach, CA 90802  
 www.wrightarchitects.com

**Engineering Consultant:**  
 2 Venture Suite 200  
 Irvine, CA 92618  
 949.477.4001 wrighte.com

**Project Owner:**  
 LBX - CA - USA  
  
 DINE + DRINK  
 8009  
 8009

**Stamp:**

**Issue For:**  
**Project Status:**  
**Issue Date:**  
 9/24/2018  
**Revisions:**

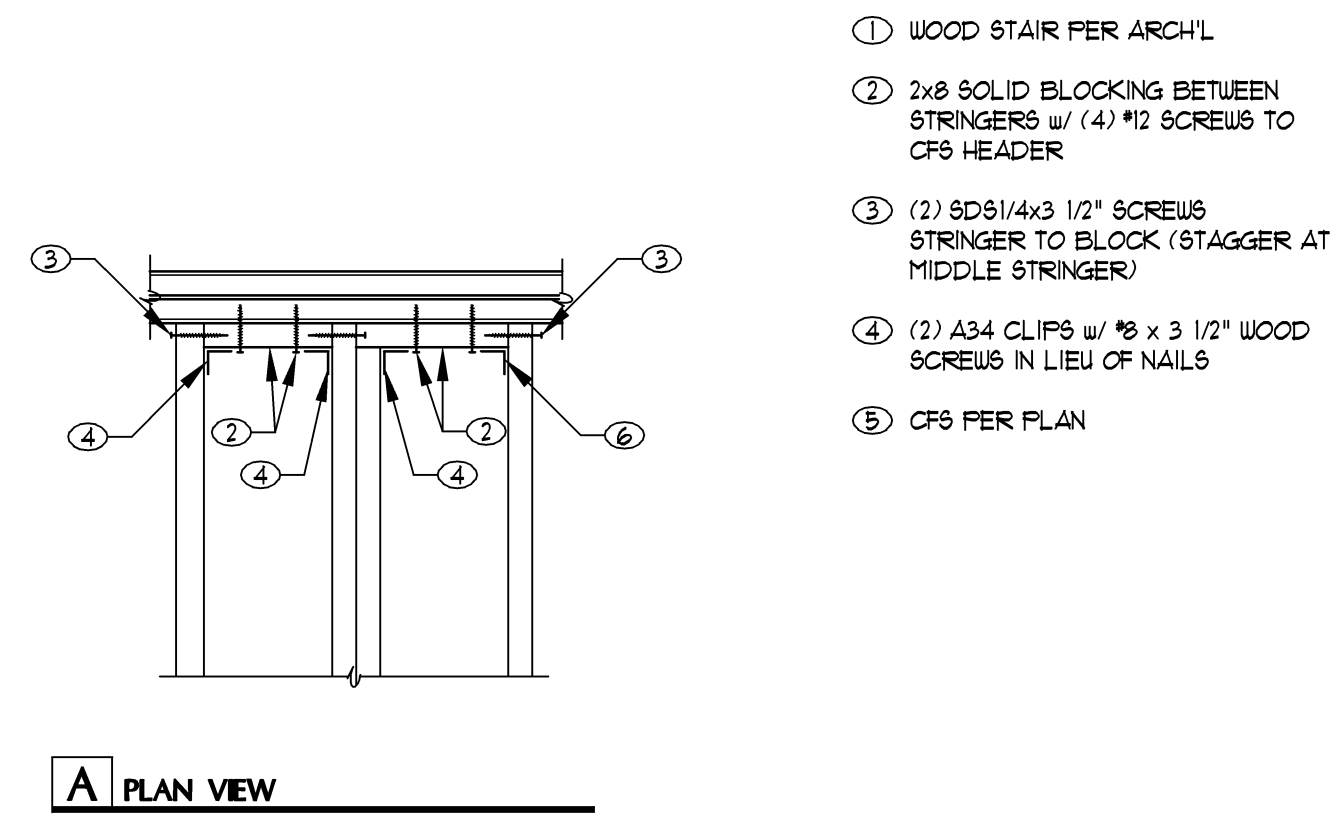
NO.	REASON	DATE

**Principal in Charge:**  
 WE  
**Project Manager:**  
 SE  
**Drawn By:**  
 R147  
**Project Address:**  
**THE 908**  
**LBX - LONG BEACH EXCHANGE**  
**3850 WORSHAM BOULEVARD**  
**SUITE 410, BUILDING R-4**  
**Project Number:**

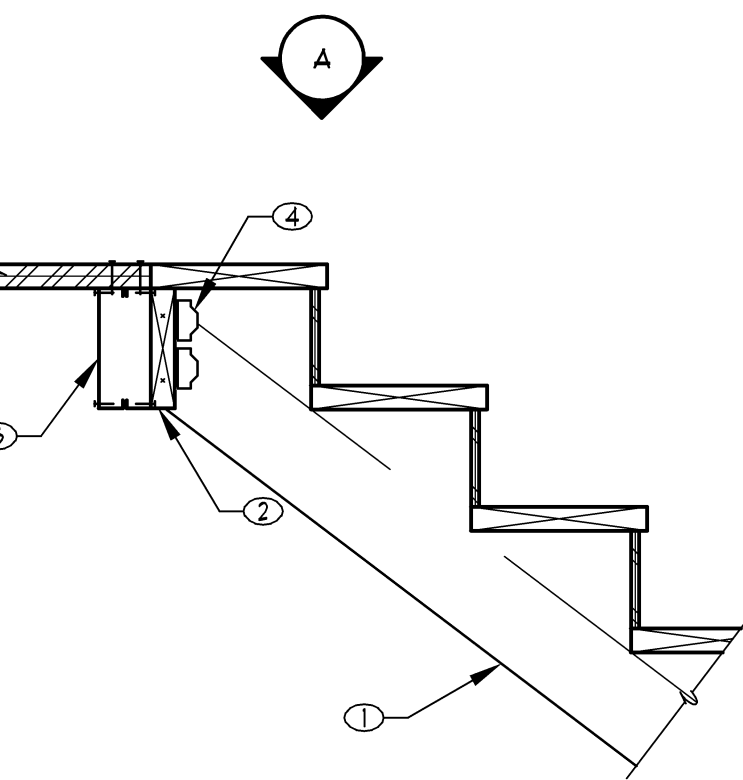
**Sheet Title:**  
**TYPICAL DETAILS**

**Sheet Number:**  
**SD101**

SD101-181746-0

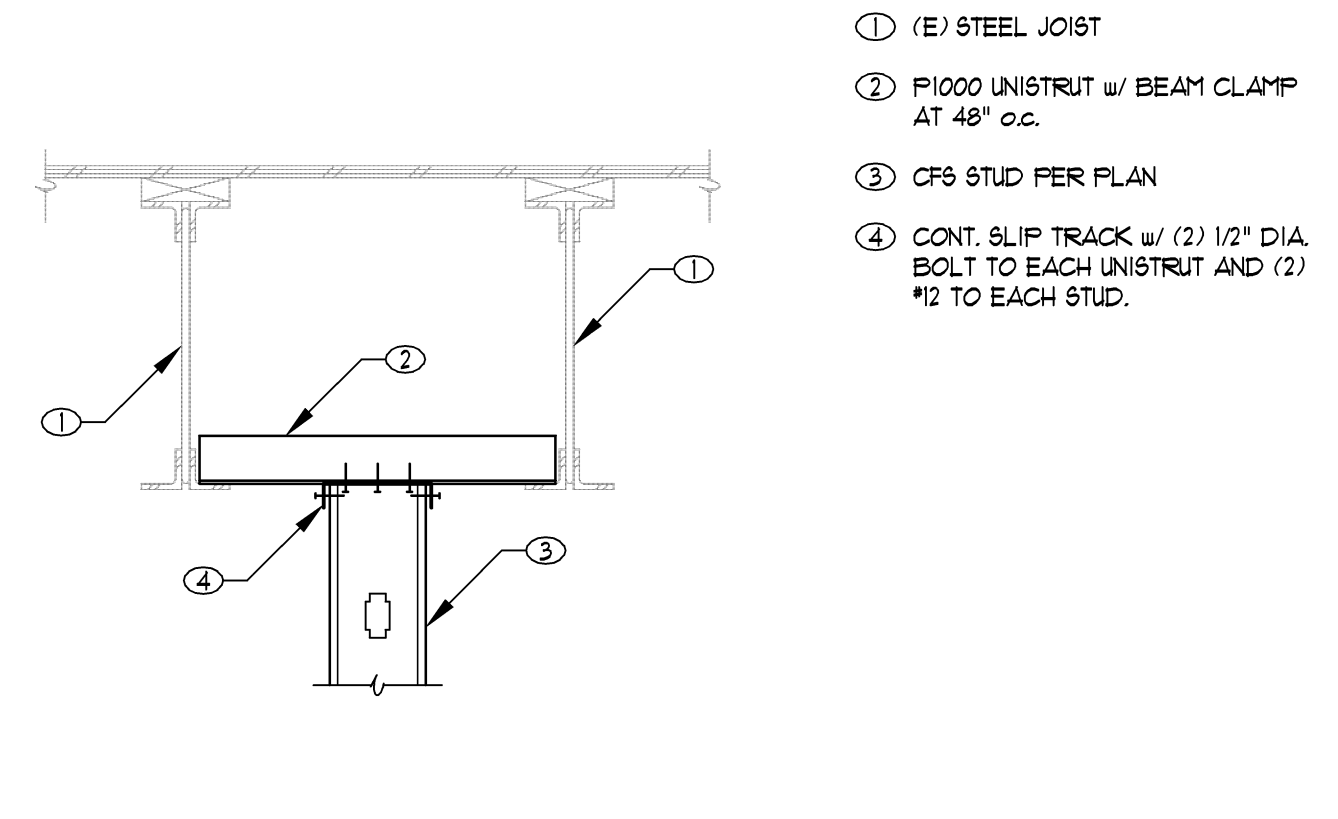


- ① WOOD STAIR PER ARCH'L
- ② 2x8 SOLID BLOCKING BETWEEN STRINGERS w/ (4) #2 SCREWS TO CFS HEADER
- ③ (2) SDS1/4x3 1/2" SCREWS STRINGER TO BLOCK (STAGGER AT MIDDLE STRINGER)
- ④ (2) A34 CLIPS w/ #6 x 3 1/2" WOOD SCREWS IN LIEU OF NAILS
- ⑤ CFS PER PLAN



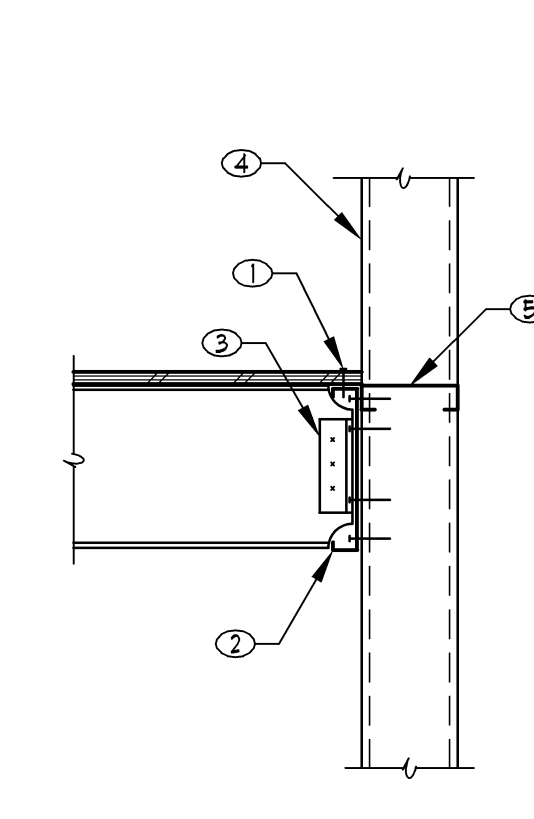
A. 4'-0" MAX. STAIR WIDTH

**207 TYPICAL STAIR AT TOP SUPPORT (UP TO 8'-0")**  
207-181146 NO SCALE



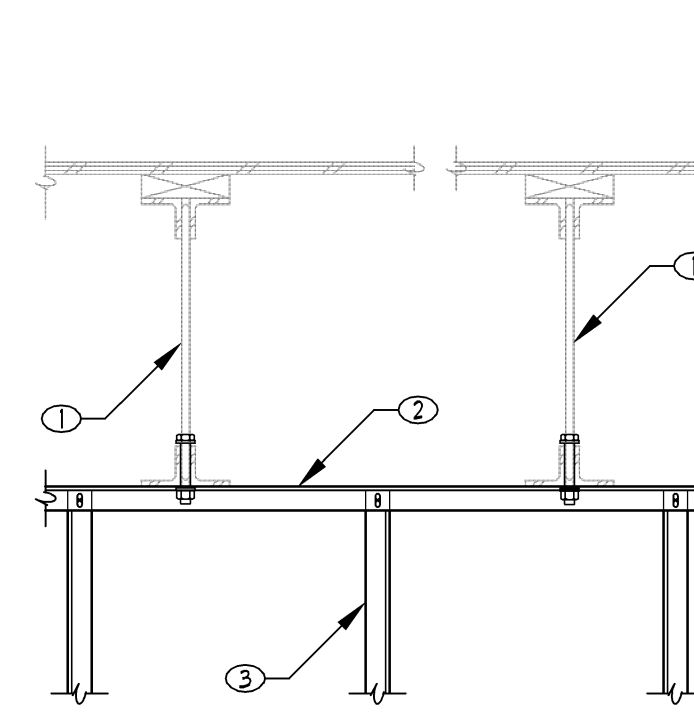
- ① (E) STEEL JOIST
- ② F1000 UNISTRUT w/ BEAM CLAMP AT 48" o.c.
- ③ CFS STUD PER PLAN
- ④ CONT. SLIP TRACK w/ (2) 1/2" DIA. BOLT TO EACH UNISTRUT AND (2) #2 TO EACH STUD.

**205 CFS WALL TO (E) FRAMING (PARALLEL STEEL JOIST)**  
205-181146 NO SCALE



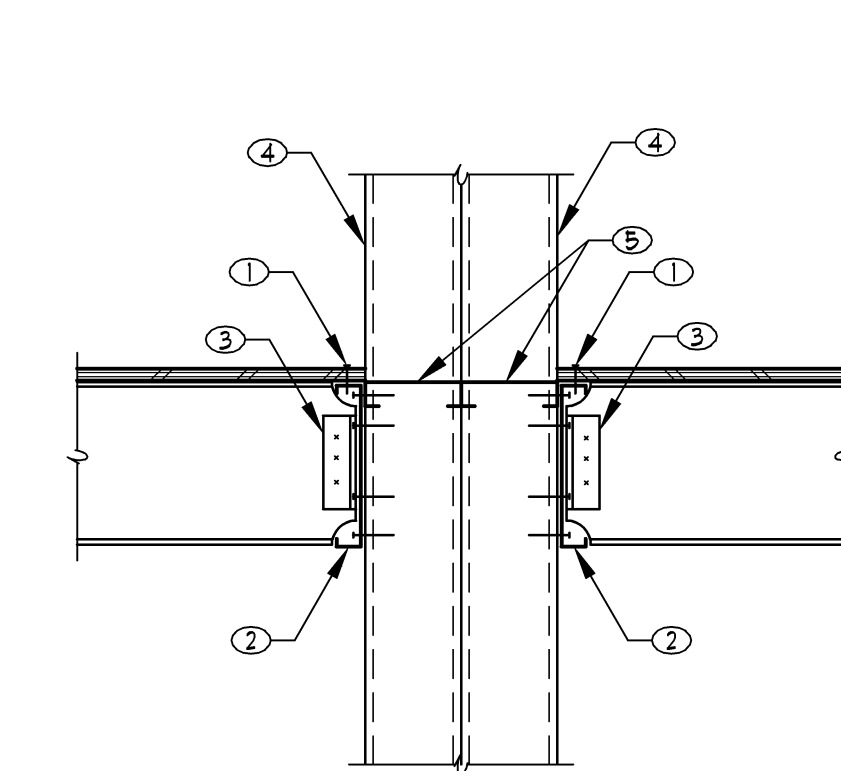
- ① BOUNDARY FASTENERS
- ② 8026250-68#11L LEDGER w/ (3) #2 SCREWS TO EA. STUD AND (3) #2 SCREWS TO EA. BLOCK
- ③ 1 1/2" x 1 1/2" x 68#11L x 0'-6" CLIP w/ (4) #2 SCREWS TO JOIST AND LEDGER
- ④ CFS STUD WALL PER PLAN
- ⑤ 6007125-43#11L BLOCKING

**201 CFS JOIST AT CFS STUD WALL**  
201-181146 NO SCALE



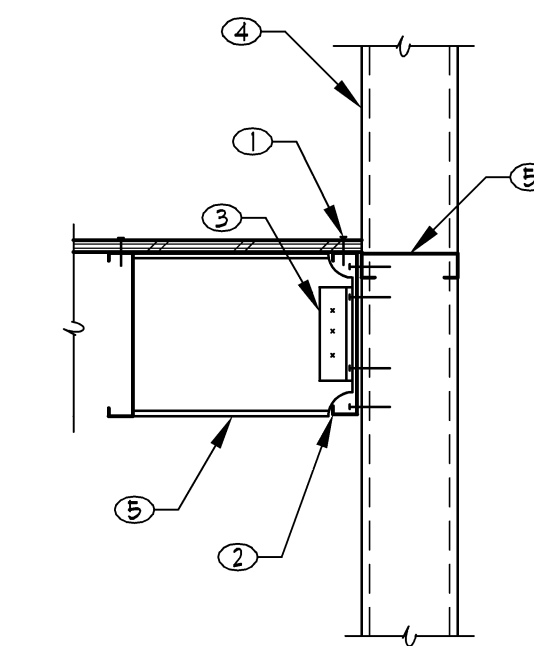
- ① (E) STEEL JOIST
- ② CONT. SLIP TRACK w/ 1/2" DIA. THRU BOLT TO EACH JOIST AND (2) #2 TO EACH STUD
- ③ CFS STUD PER PLAN

**206 CFS WALL TO (E) FRAMING (PERPENDICULAR TO STEEL JOIST)**  
206-181146 NO SCALE



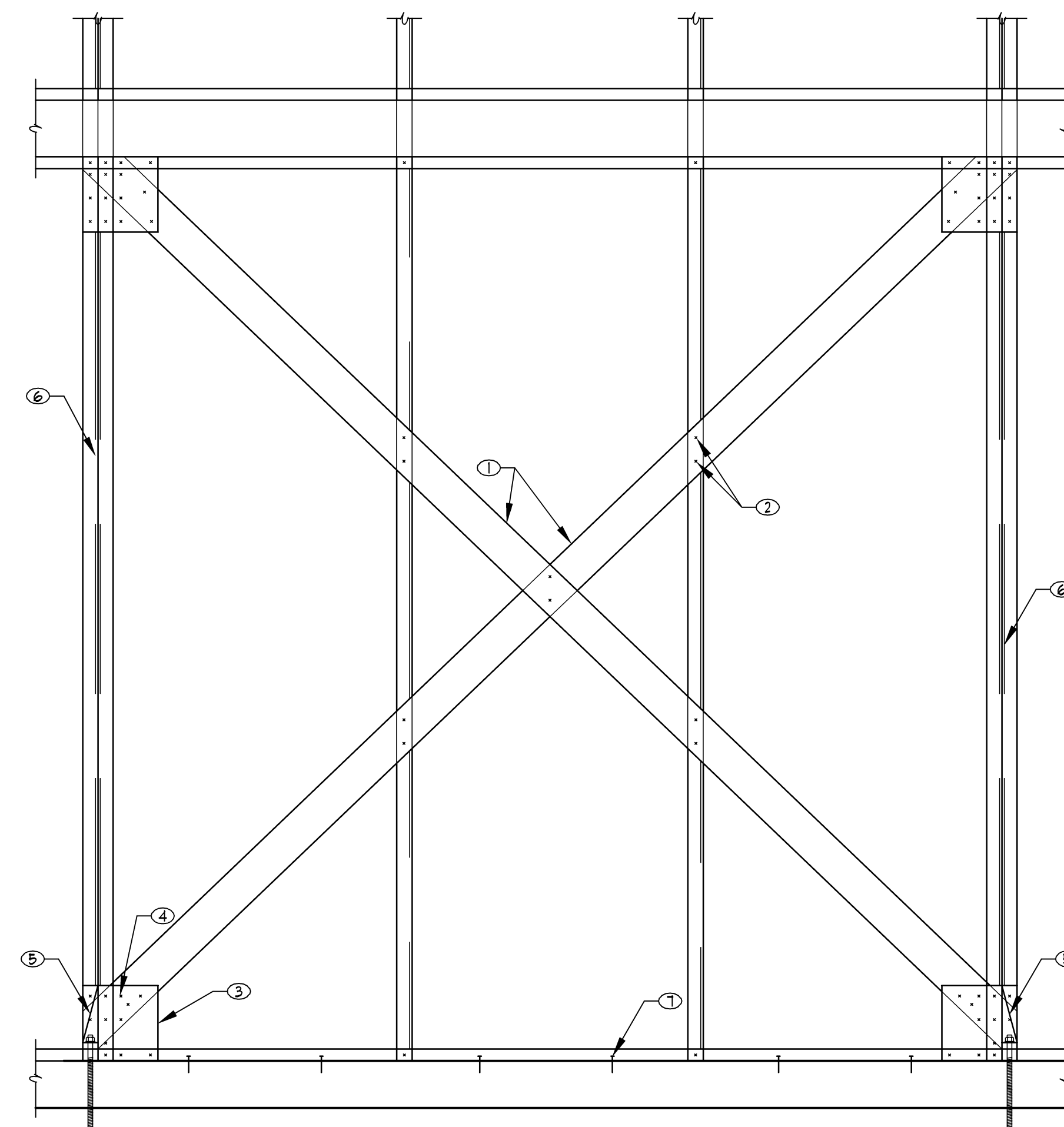
- ① BOUNDARY FASTENERS
- ② 8026250-68#11L LEDGER w/ (3) #2 SCREWS TO EA. STUD AND (3) #2 SCREWS TO EA. BLOCK
- ③ 1 1/2" x 1 1/2" x 68#11L x 0'-6" CLIP w/ (4) #2 SCREWS TO JOIST AND LEDGER
- ④ CFS STUD WALL PER PLAN
- ⑤ 6007125-43#11L BLOCKING

**202 CFS JOIST AT CFS STUD WALL**  
202-181146 NO SCALE



- ① BOUNDARY FASTENERS
- ② 8026250-68#11L LEDGER w/ (3) #2 SCREWS TO EA. STUD AND (3) #2 SCREWS TO EA. BLOCK
- ③ 1 1/2" x 1 1/2" x 68#11L x 0'-6" CLIP w/ (4) #2 SCREWS TO JOIST AND LEDGER
- ④ CFS STUD WALL PER PLAN
- ⑤ 8007125-43#11L BLOCKING AT 32" o.c. w/ 1 1/2" x 1 1/2" x 43#11L x 0'-6" CLIP w/ (3) #2 SCREWS.

**203 CFS JOIST AT CFS STUD WALL**  
203-181146 NO SCALE



- ① 4" x 5/4 MIL FLAT STRAP BRACING, EACH FACE OF WALL
- ② (2) #10 EACH STUD
- ③ 8" x 8" x 5/4 MIL PLATE w/ (4) #10 TO EACH STUD AND TRACK
- ④ (13) #10 STRAP TO PLATE
- ⑤ SIMPSON HOLD DOWN PER PLAN
- ⑥ JAMB STUD PER PLAN
- ⑦ 1/2" TITEN HD SCREW AT 12" o.c.

**204 BRACED WALL**  
204-181146 NO SCALE