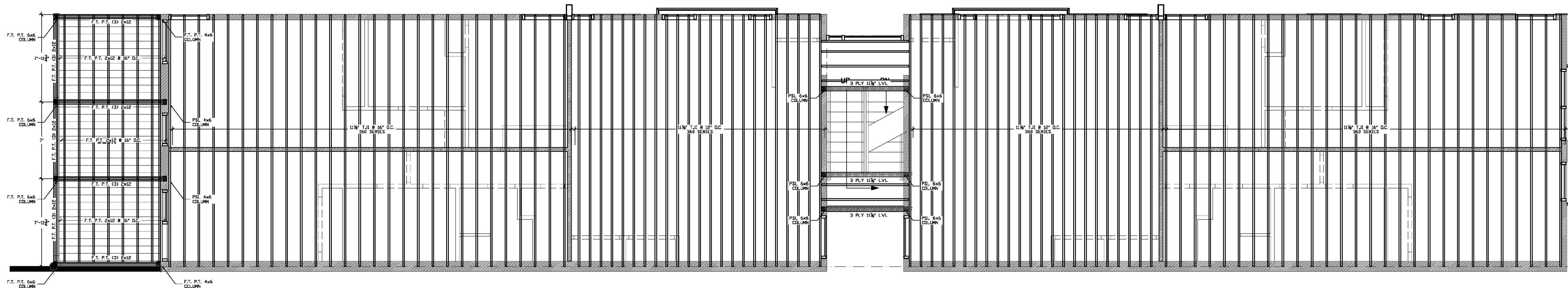
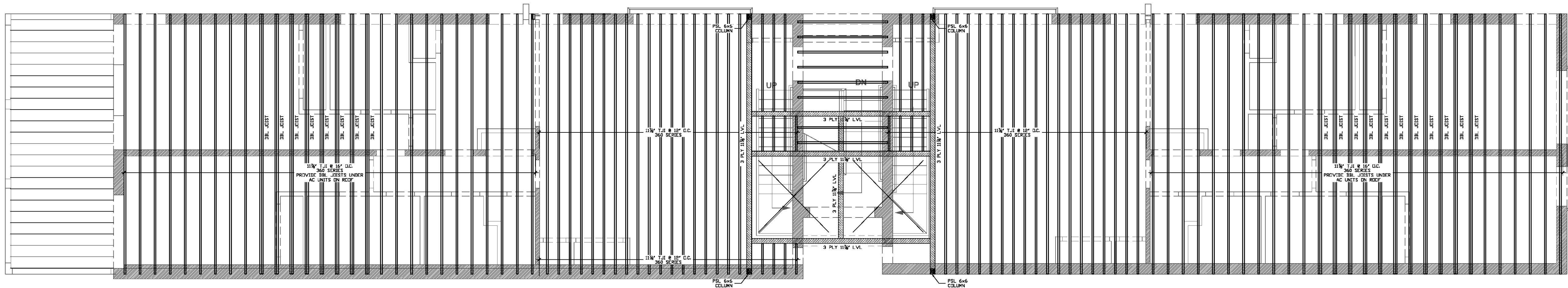


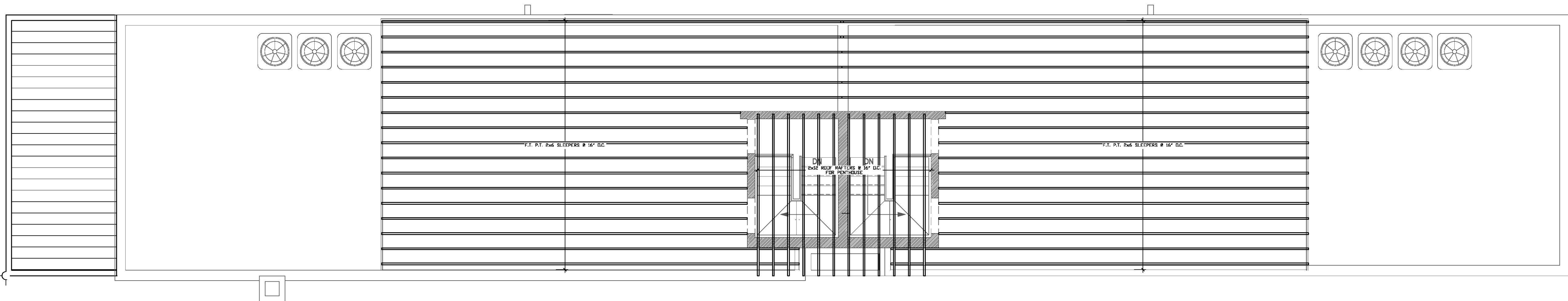
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THIRD FLOOR FRAMING PLAN
SCALE: $\frac{3}{16}" = 1'-0"$



ROOF FRAMING PLAN
SCALE: $\frac{3}{16}" = 1'-0"$



UPPER ROOF/ROOF DECK FRAMING PLAN
SCALE: $\frac{3}{16}" = 1'-0"$

OWNER

WESTEND DEVELOPMENT

PRIME CONSULTANT

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www.fmcassoc.com

SEAL

PROJECT TITLE

STRUCTURAL DESIGN FOR

1521 VARNUM ST. NW
WASHINGTON, DC

ISSUES

NO.	DATE	DESCRIPTION

REVISIONS

NO.	DATE	DESCRIPTION

PROJECT NO: 2014-180

CAD DWG FILE: 2014-180 1521 VARNUM STREET NW STRUCTURAL SET.DWG

DRAWN BY: AWA

CHKD BY:

SCALE: SEE DRAWING

DATE: 02-26-2015

SHEET TITLE

THIRD FLOOR, ROOF & UPPER ROOF/ROOF DECK FRAMING

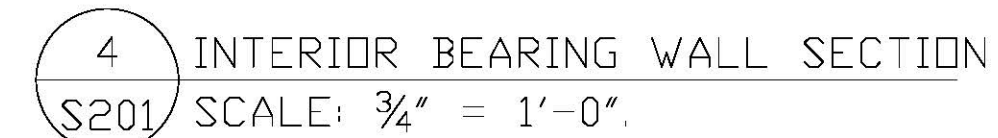
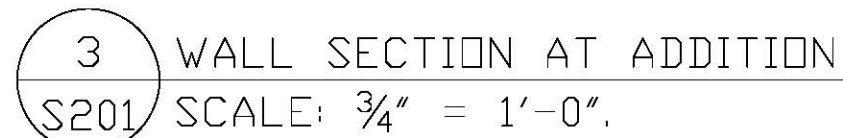
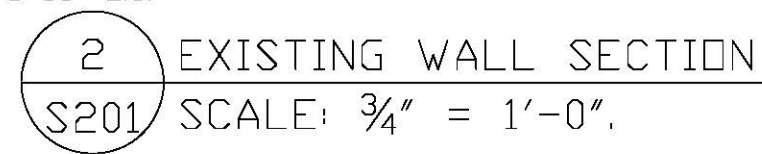
SHEET NUMBER

S-103
OF

SHEET

5

Board of Zoning Adjustment
District of Columbia
CASE NO. 18991
EXHIBIT NO. 43D

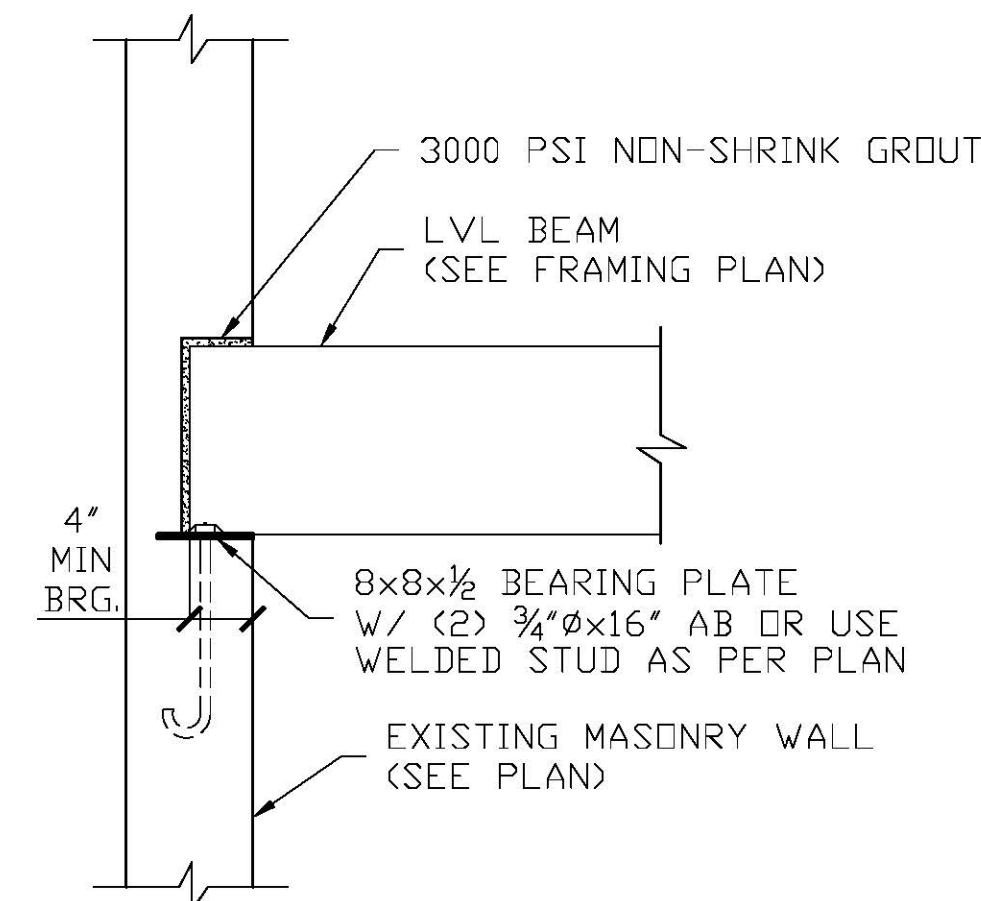


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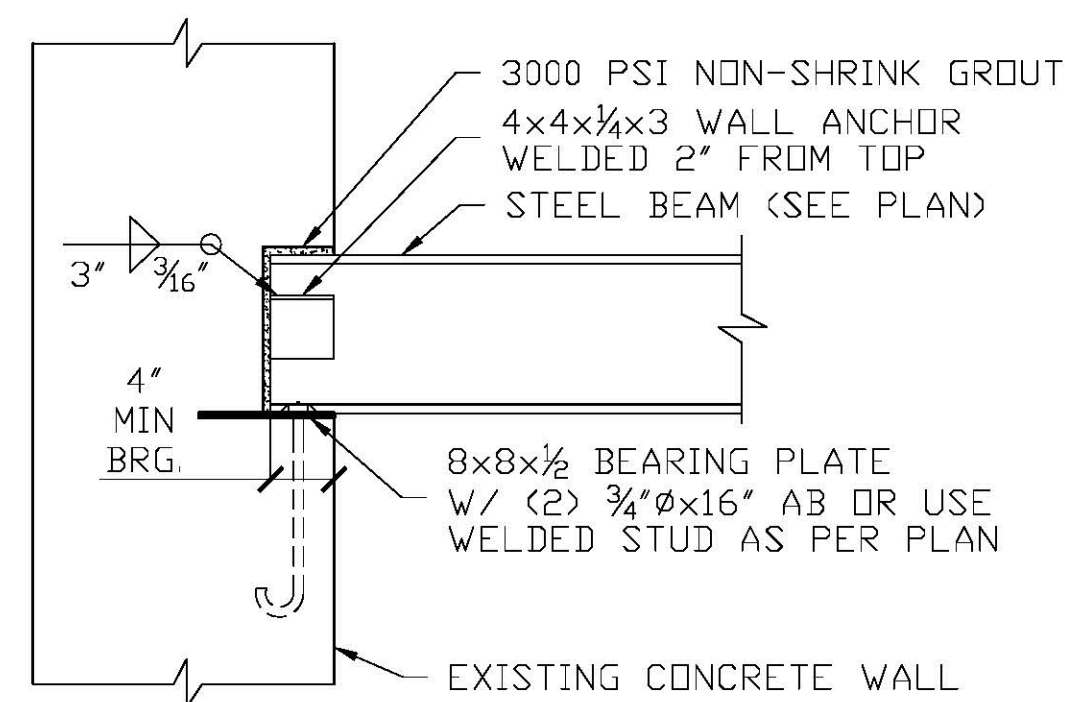
S-201

SHEET 6 OF 8

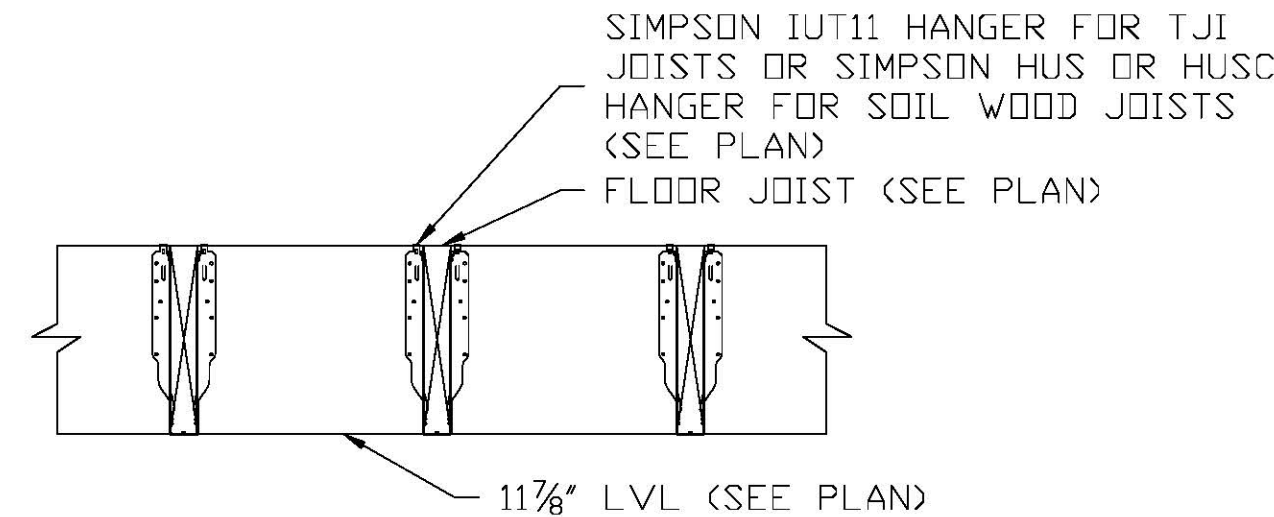
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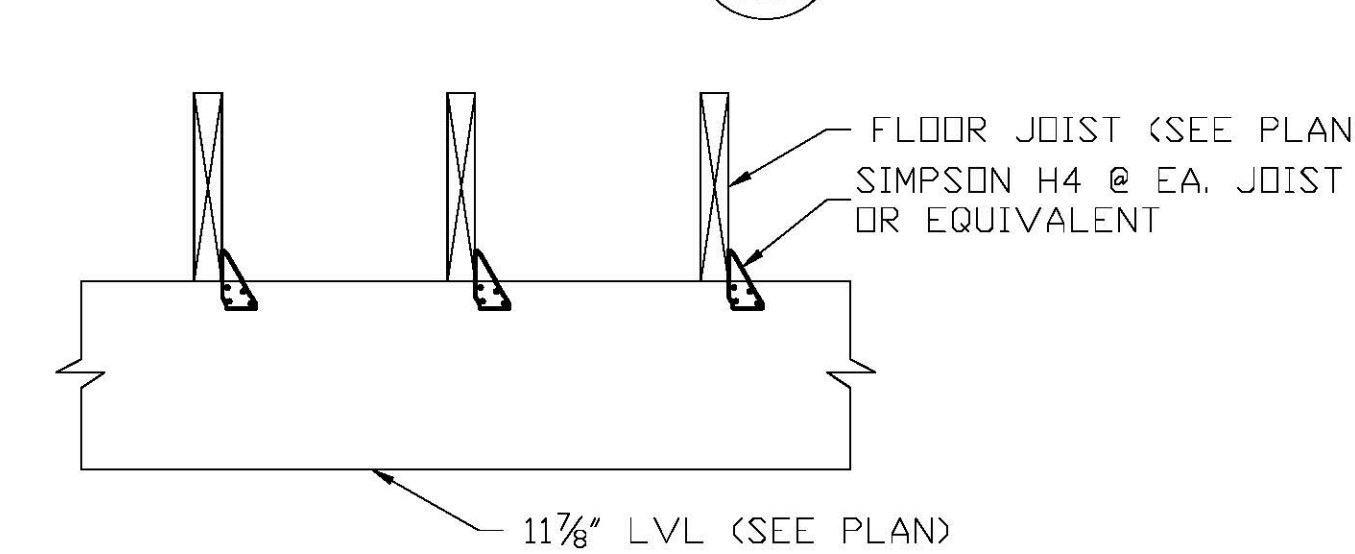
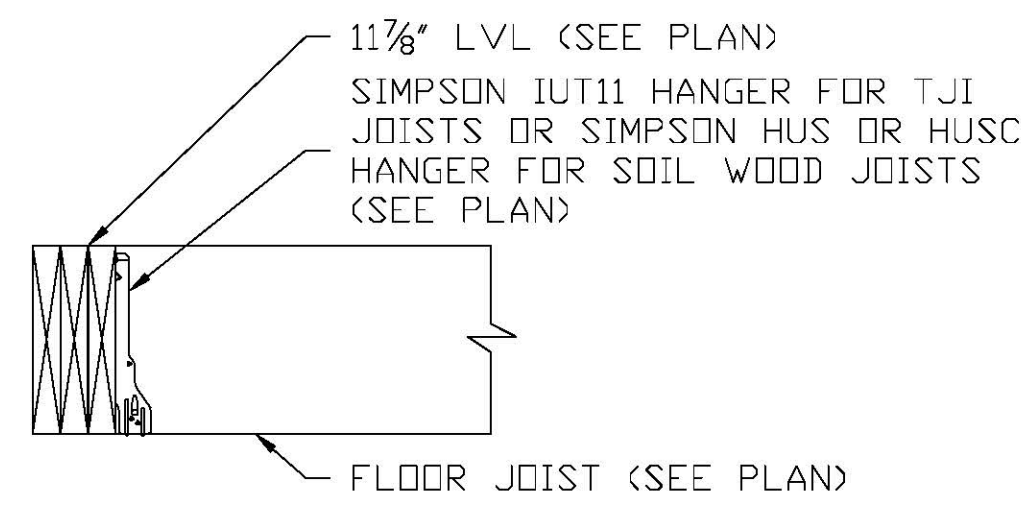
1 LVL TO EX. MASONRY WALL CONN.
SCALE: N.T.S.



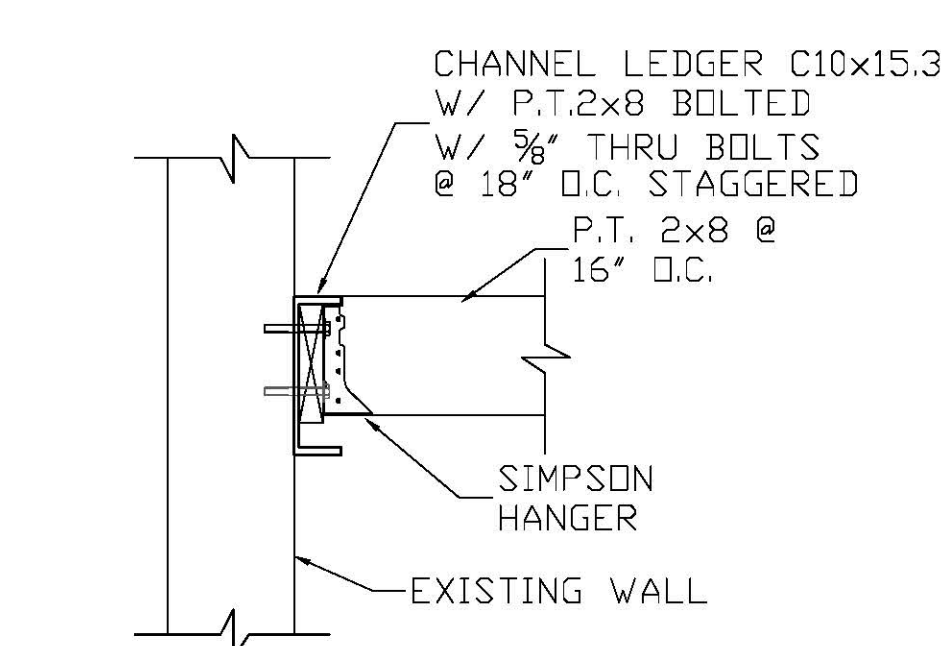
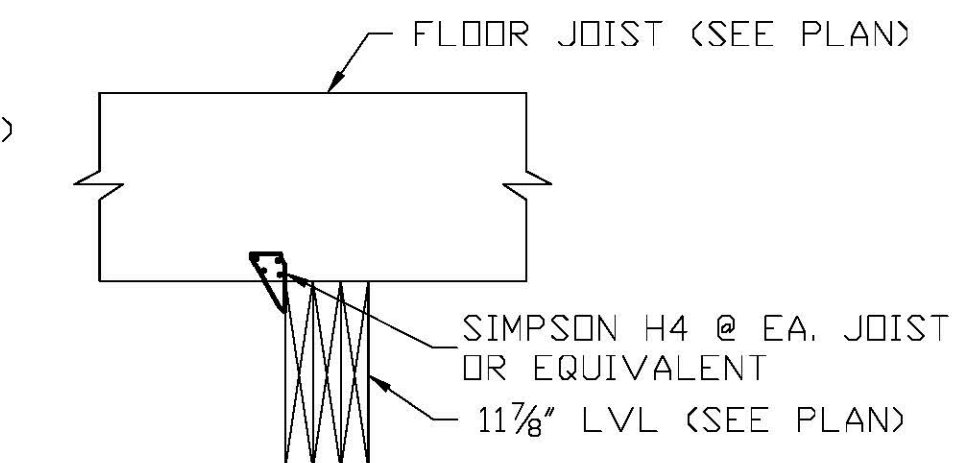
STEEL BEAM TO EX. MASONRY WALL CONN.
SCALE: N.T.S.



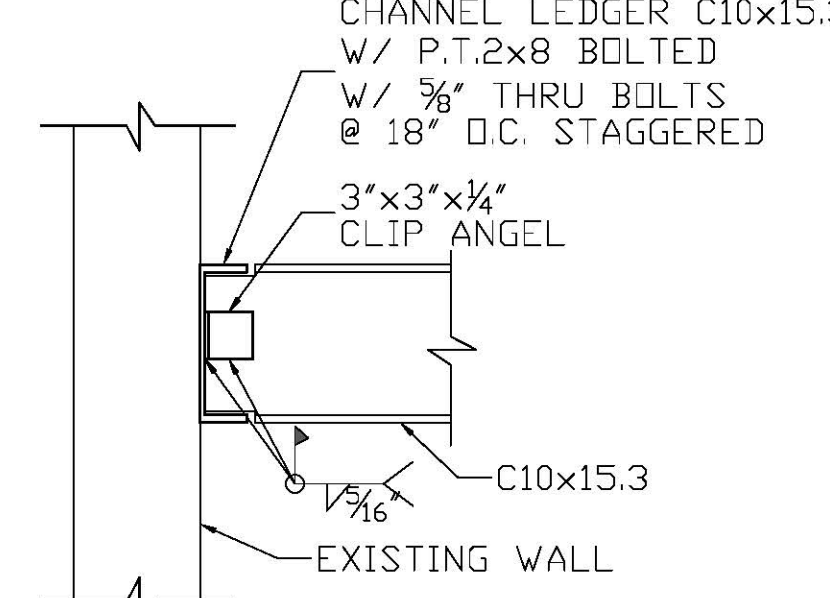
3 TJI TO FLUSH BEAM CONN.
SCALE: N.T.S.



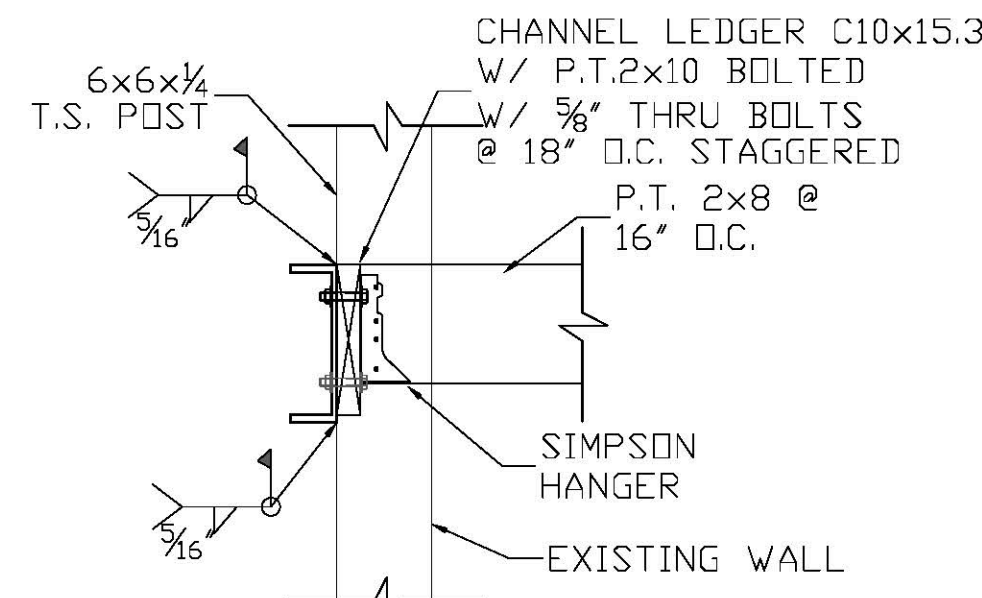
TJI TO DROPPED BEAM CONN.
SCALE: N.T.S.



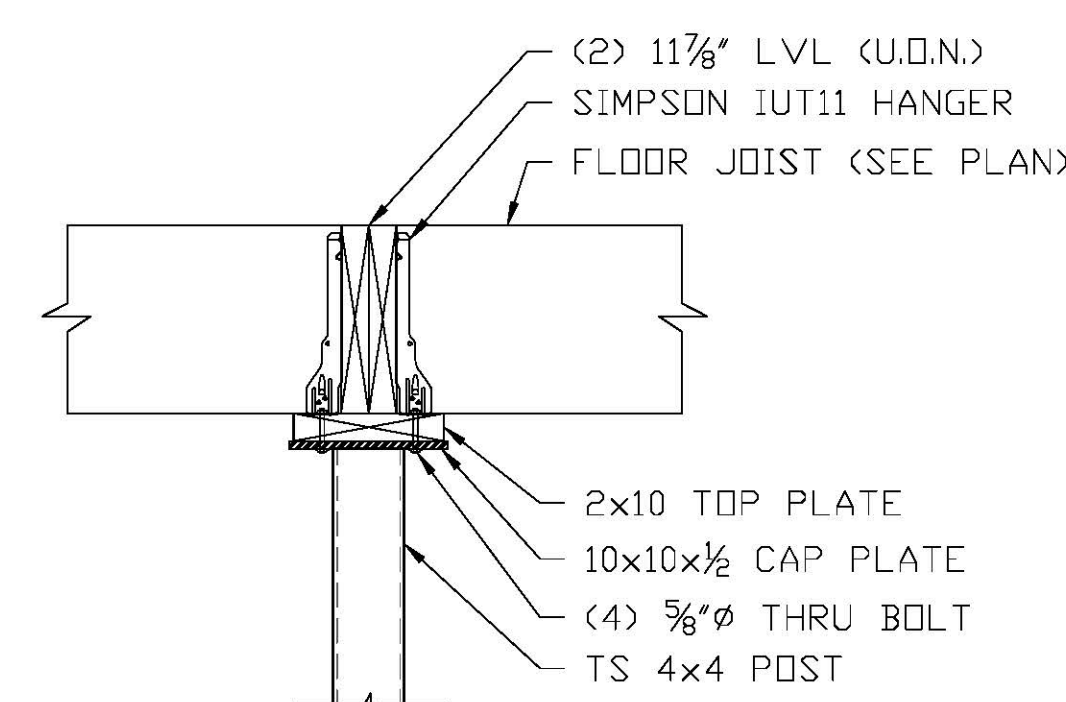
CHANNEL LEDGER DETAIL FOR DECKS
SCALE: N.T.S.



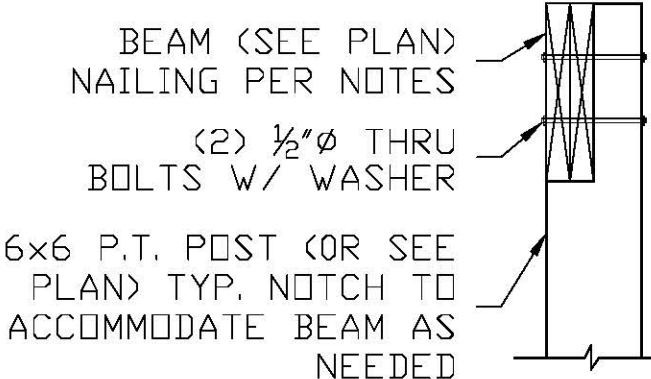
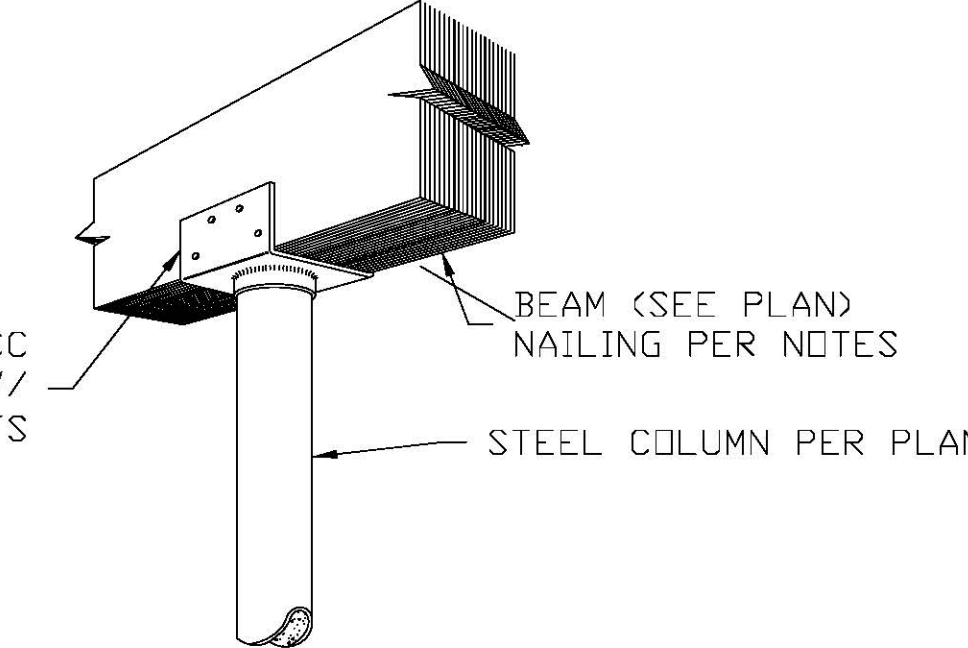
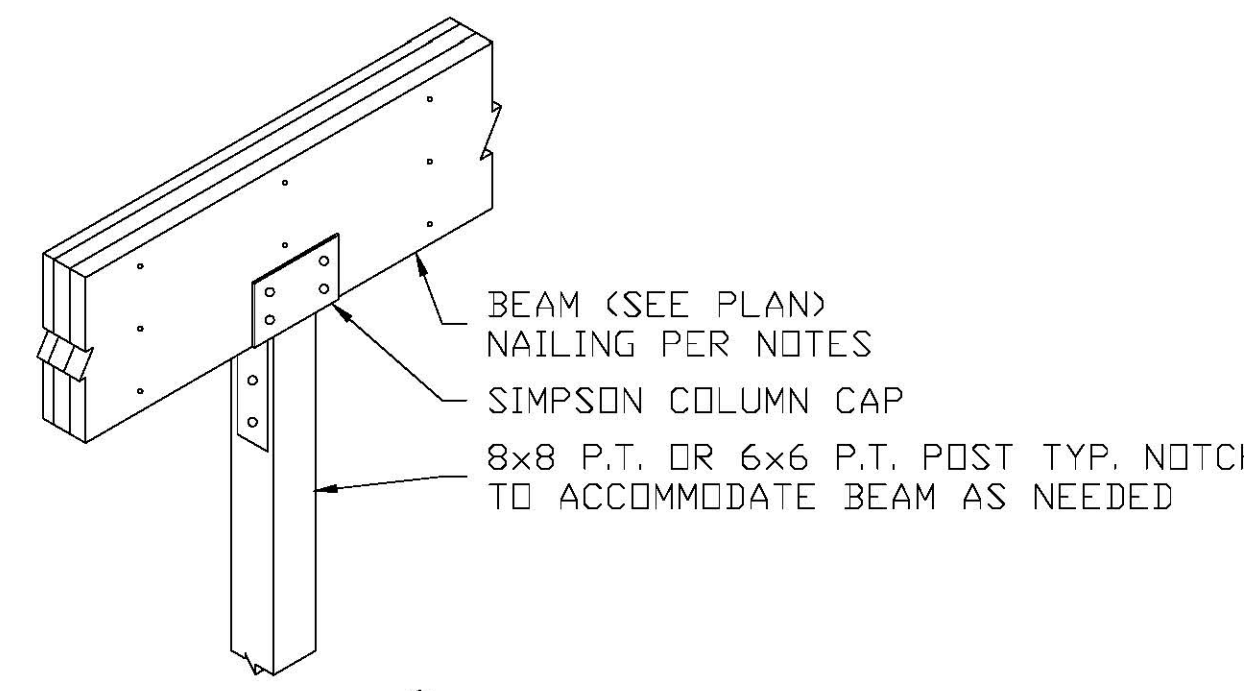
CHANNEL LEDGER TO COLUMN
DETAIL FOR DECKS
SCALE: N.T.S.



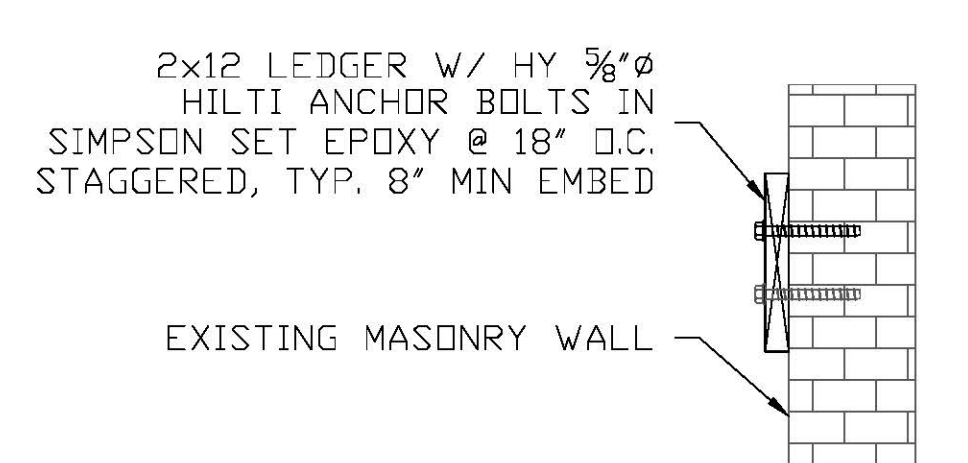
CHANNEL TO CHANNEL
DETAIL FOR DECKS
SCALE: N.T.S.



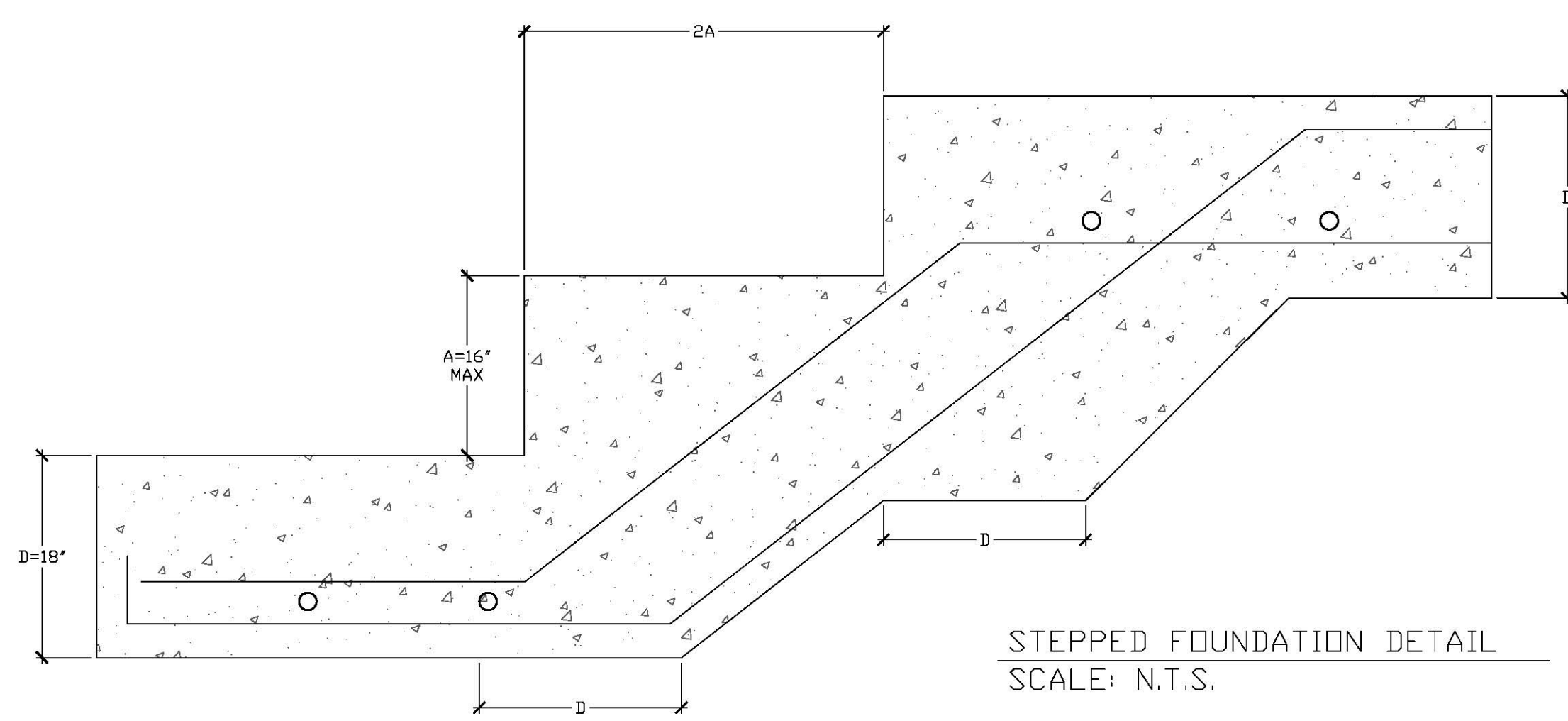
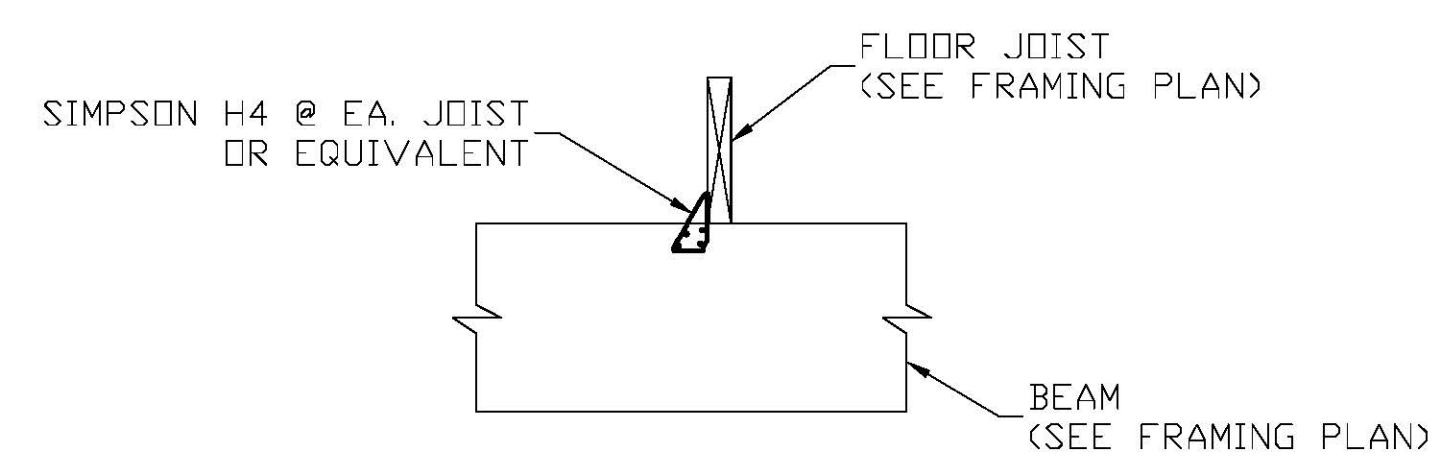
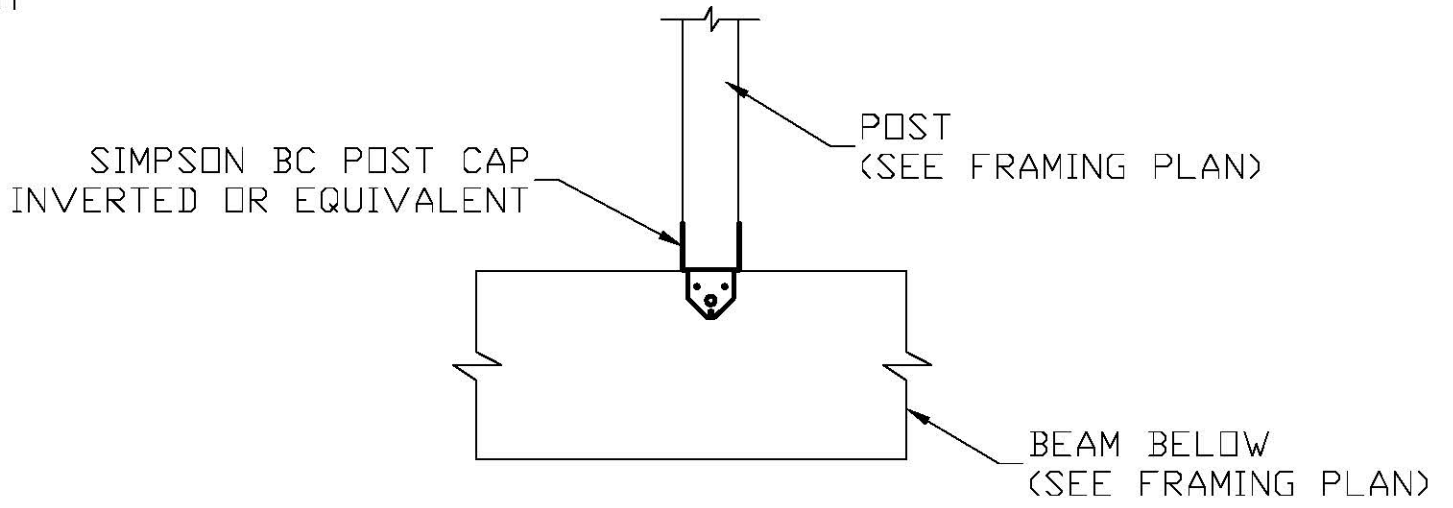
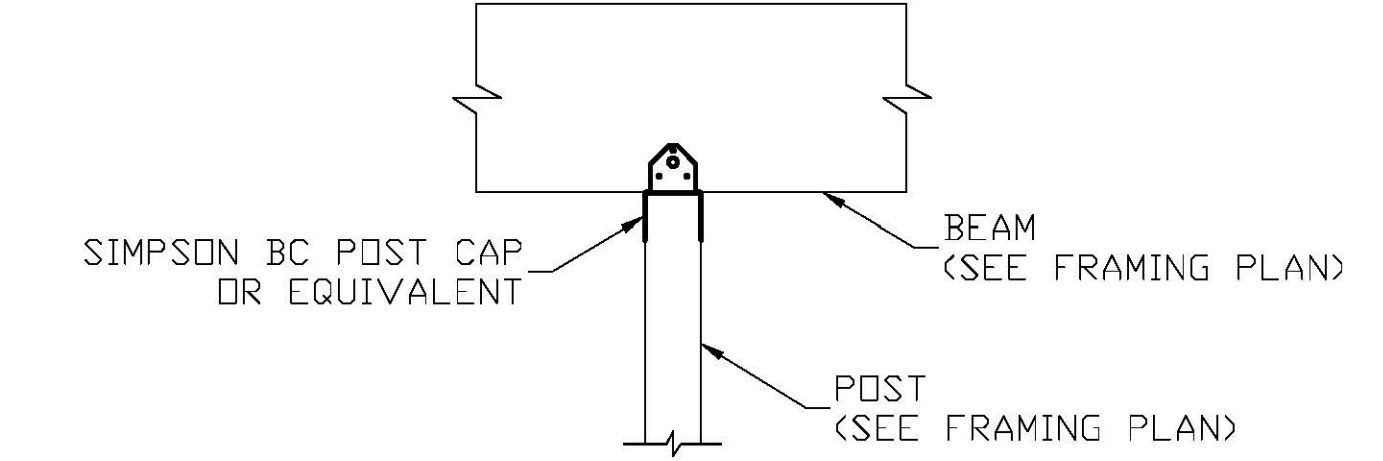
LVL TO STEEL COLUMN CONN.
SCALE: N.T.S.



NOTCHED COLUMN DETAIL
SCALE: N.T.S.



2 LEDGER BOARD TO WALL CONN.
SCALE: N.T.S.



SCHEDULE OF HEADERS		
HEADER	NO. OF JACKS	SIZE OF OPENINGS
2 - 2x6	1	FOR OPENINGS LESS THAN 3'-0"
2 - 2x8	2	FOR OPENINGS LESS THAN 5'-0"
2 - 2x10	2	FOR OPENINGS LESS THAN 6'-0"
2 - 2x12	2	FOR OPENINGS UP TO 8'-0"
2 - 1 3/4x11 7/8 LVL	3	FOR OPENINGS UP TO 12'-0"

SCHEDULE OF LINTELS - GALVANIZED (8" minimum bearing each end)	
STEEL ANGLE SIZE	SPAN
4 x 3 1/2 x 1/4 LLV	4'-5" OR LESS
5 x 3 1/2 x 1/4 LLV	4'-6" - 6'-0"
6 x 3 1/2 x 1/4 LLV	AS MARKED ON PLANS 7'-6"
4 x 3 1/2 x 1/4 LLV	AS MARKED ON PLANS 4'-0"; 4'-6" ARCHED
5 x 3 1/2 x 1/4 LLV	AS MARKED ON PLANS 5'-7" ARCHED

OWNER

WESTEND DEVELOPMENT

PRIME CONSULTANT

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www.fmcassoc.com

SEAL

PROJECT TITLE

STRUCTURAL DESIGN

FOR

1521 VARNUM ST. NW WASHINGTON, DC

ISSUES	
NO.	DATE

REVISIONS	
NO.	DATE

PROJECT NO: 2012-065
CAD DWG FILE: 2014-180 1521 VARNUM STREET NW STRUCTURAL SET.DWG
DRAWN BY: AWA
CHKD BY:
SCALE: SEE DRAWING
DATE: 07-15-2014

SHEET TITLE

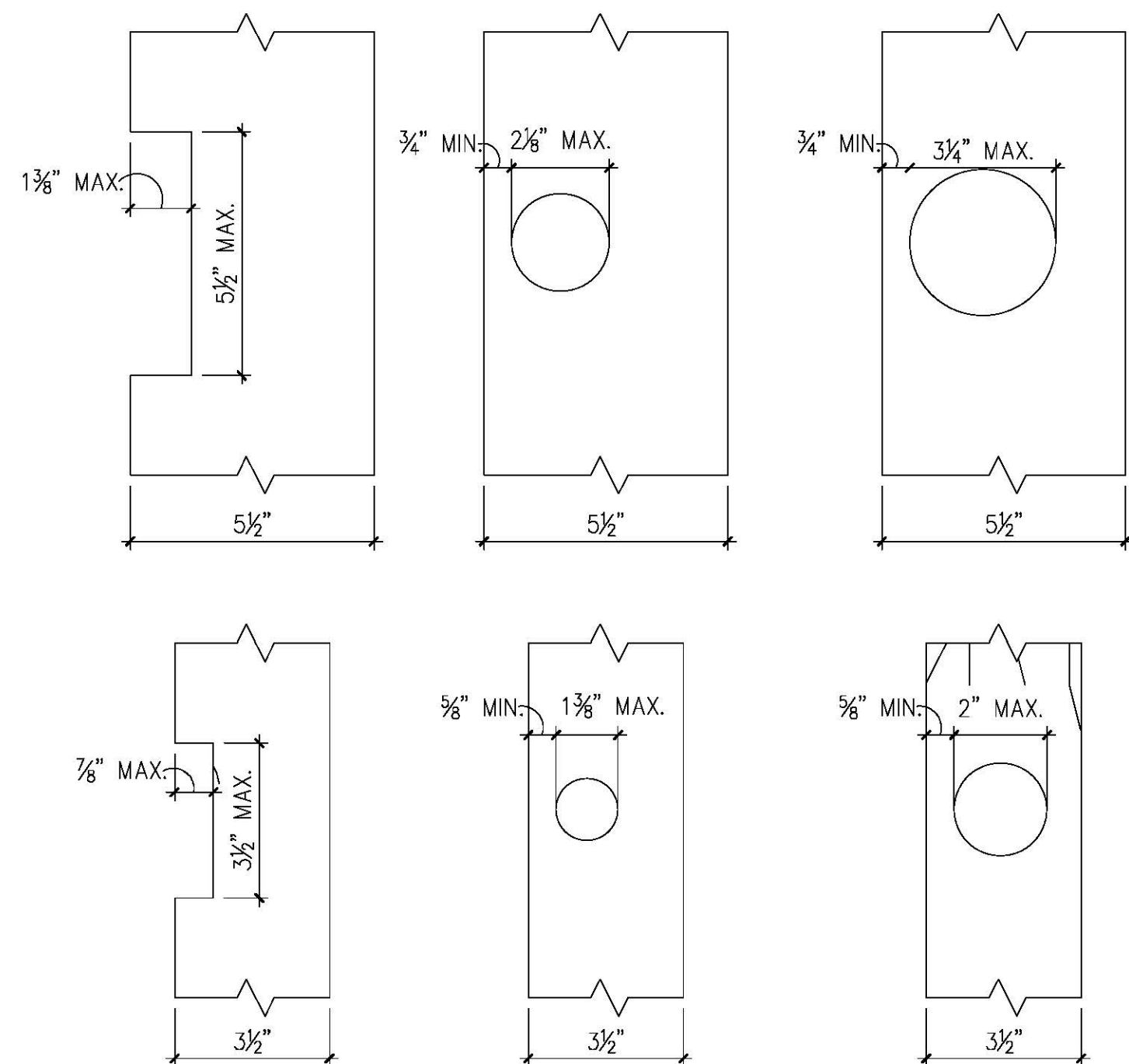
TYPICAL DETAILS

SHEET NUMBER

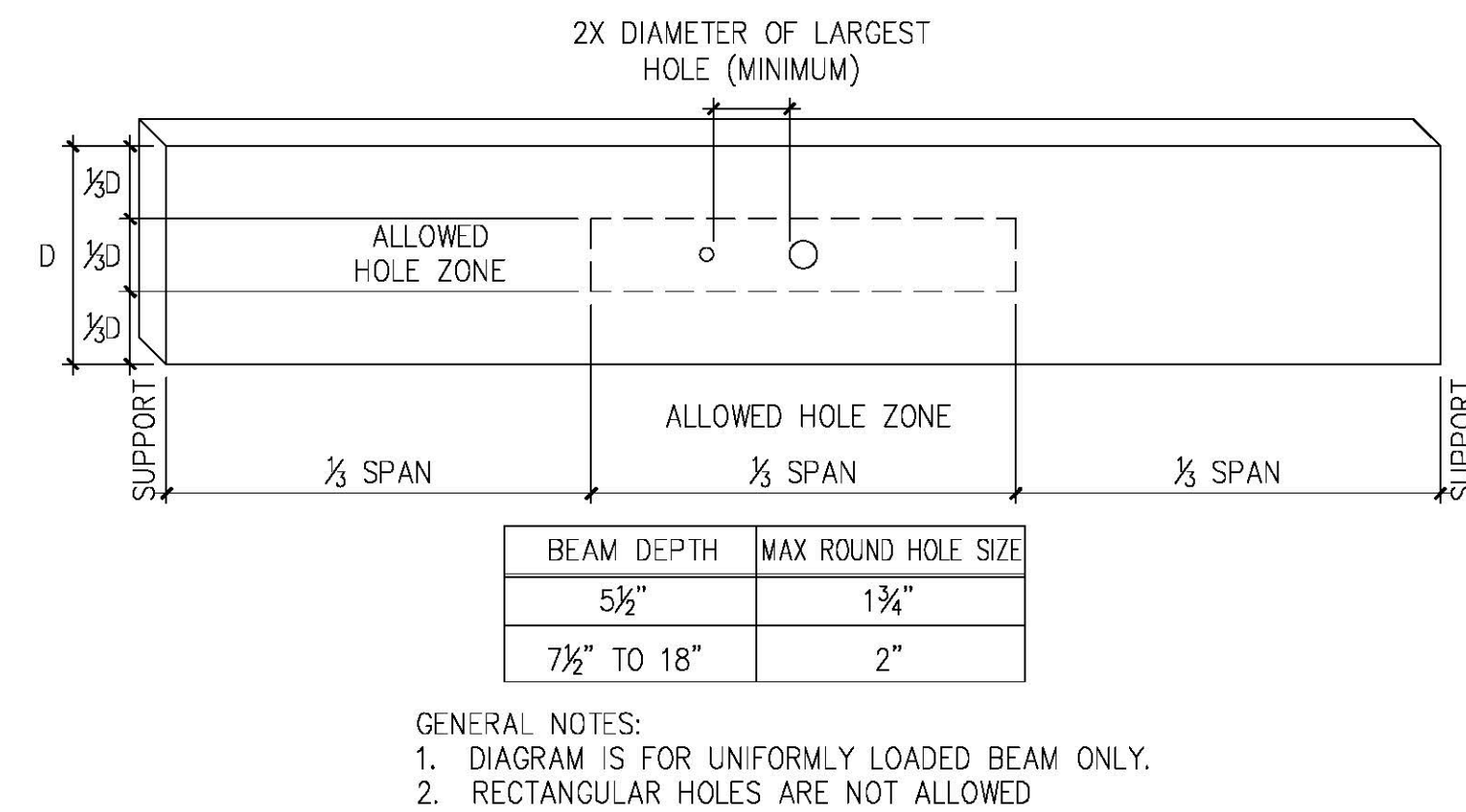
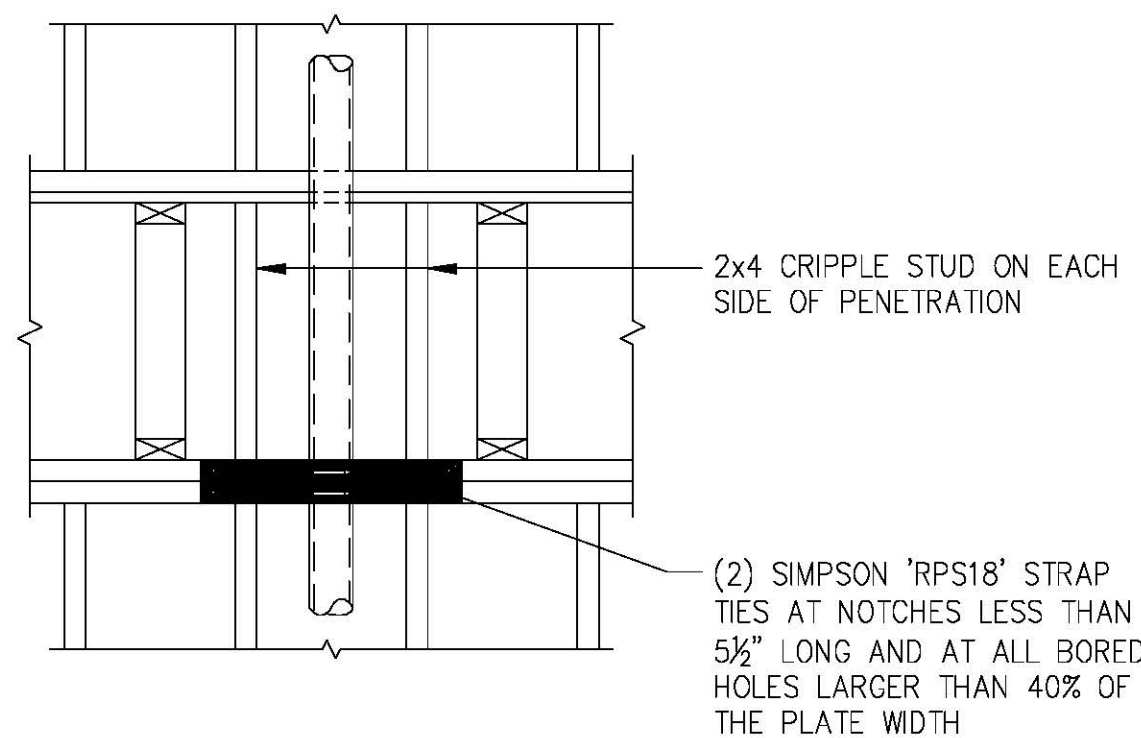
S-2.1

SHEET 1 OF 8

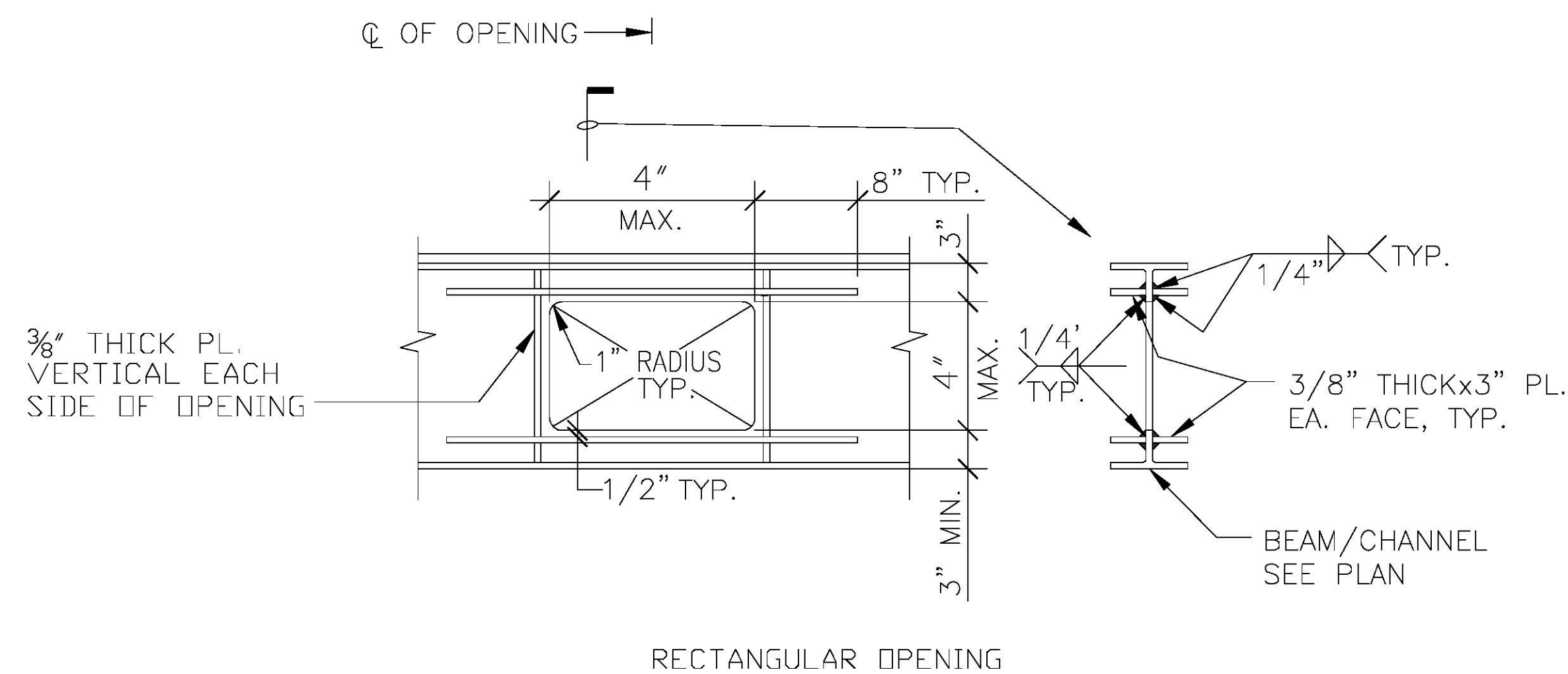
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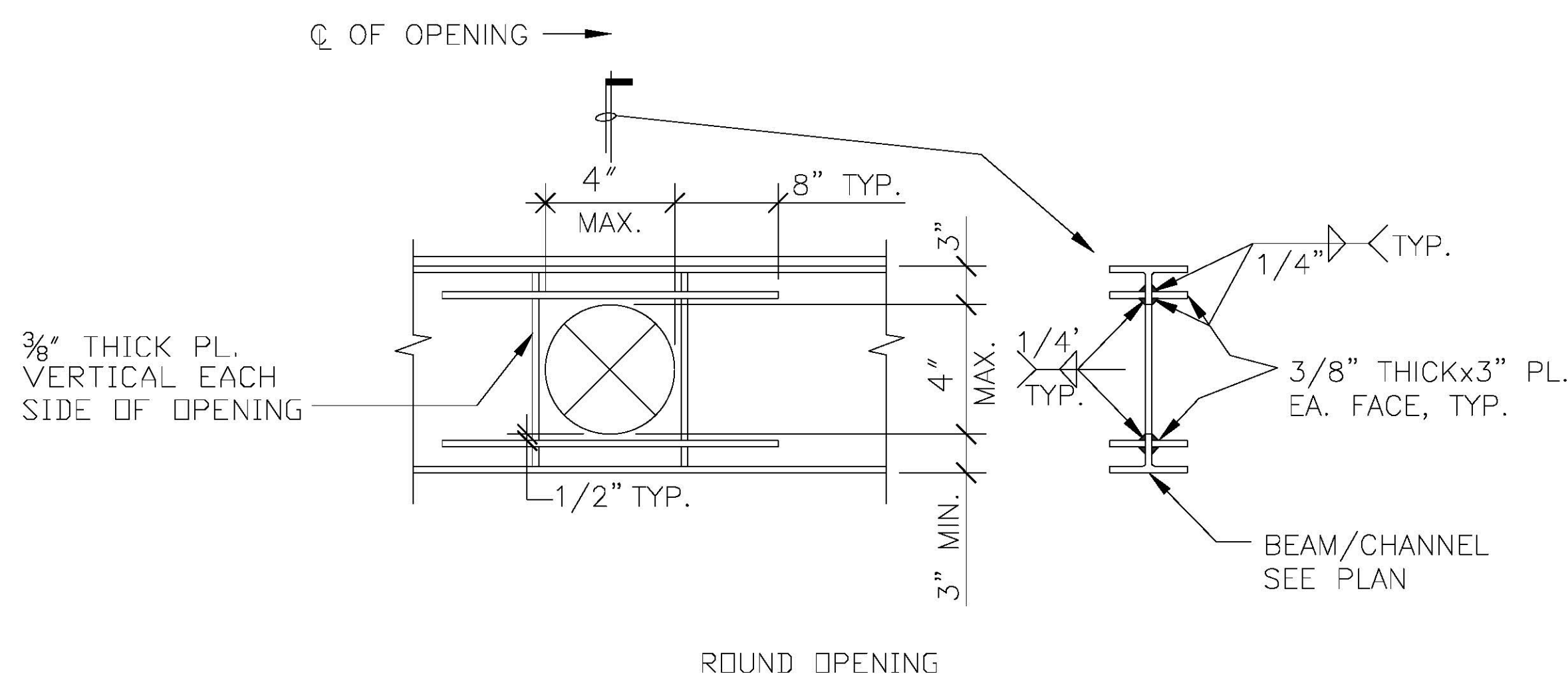
TOP PLATE PENETRATIONS
SCALE: N.T.S. AT BEARING WALLS



3 ALLOWABLE HOLE GUIDE FOR BEAM OR HEADER
SCALE: N.T.S.

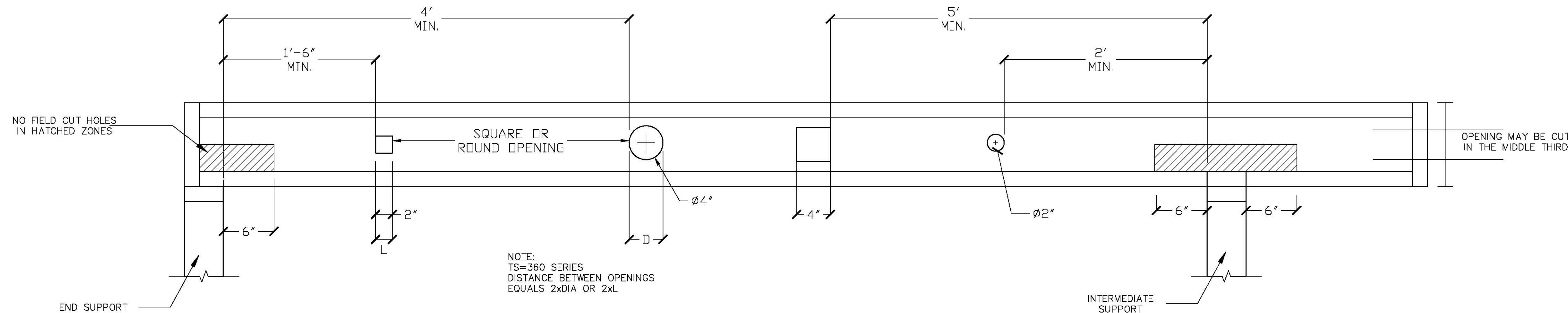


RECTANGULAR OPENING



ROUND OPENING

4 TYPICAL STEEL BEAM w/ CUT IN OPENING DETAIL
SCALE: N.T.S.



NOTE:
TS=360 SERIES
DISTANCE BETWEEN OPENINGS
EQUALS 2xDIA OR 2xL

5 ALLOWABLE HOLES IN TJI JOISTS (TYP.)
SCALE: N.T.S.

OWNER

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WASHINGTON, DC

ISSUES

NO.	DATE	DESCRIPTION

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NO.	DATE	DESCRIPTION

PROJECT NO: 2012-065

CAD DWG FILE: 2014-180 1521 VARNUM STREET NW STRUCTURAL SET.DWG

DRAWN BY: AWA

CHKD BY:

SCALE: SEE DRAWING

DATE: 07-15-2014

SHEET TITLE

TYPICAL OPENING DETAILS

SHEET NUMBER

SHEET 8 OF 8
S-502