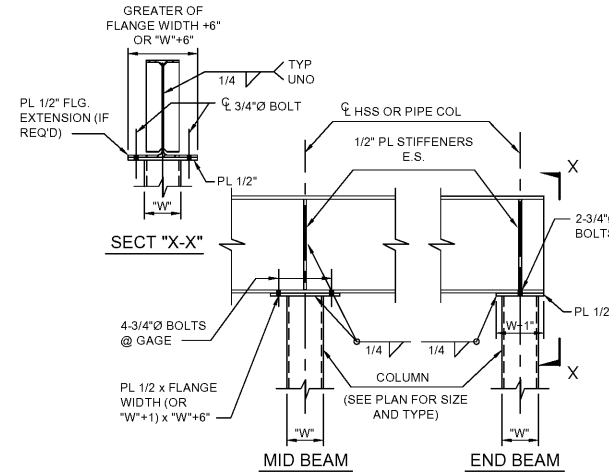


BOLT TYPE: ASTM 325, TYPE N

BEAM SIZE	NO. OF BOLTS PER VERT. ROW	L (in)	T (in) PLATE THK.	W (in) FILLET WELD
W6	1	3	1/4	3/16
W8 & W10	2	6	1/4	3/16
W12 & W14	3	9	5/16	1/4
W16 & W18	4	12	5/16	1/4
W21, W24 & W27	6	18	3/8	5/16
W30, W33 & W36	8	24	3/8	5/16

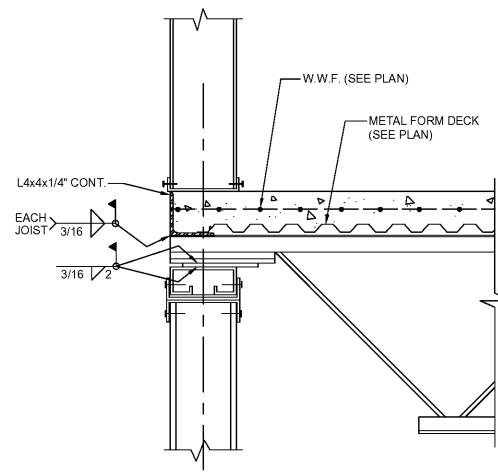
1
S-501

DETAIL
NO SCALE



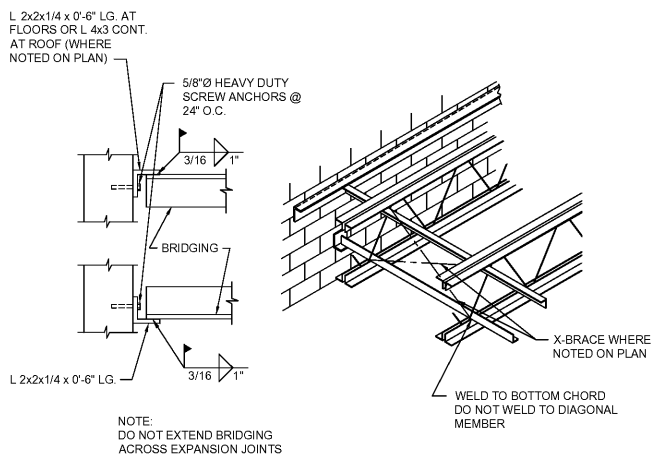
2
S-501

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



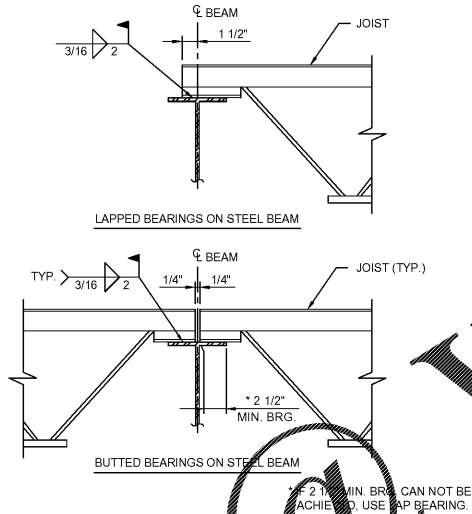
3
S-501

SECTION
SCALE: 1 1/2"=1'-0"



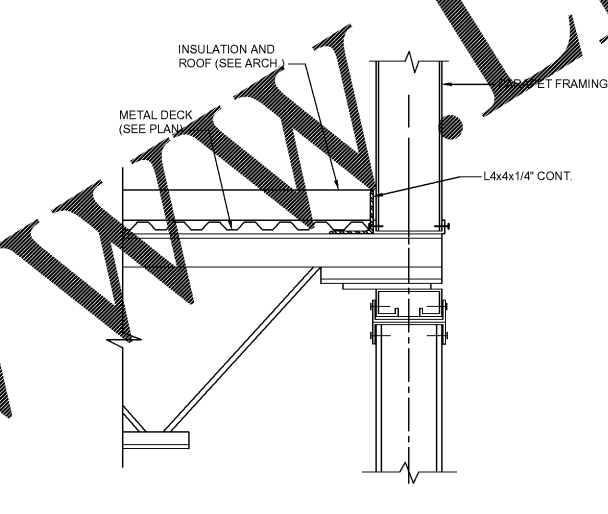
5
S-501

K OR LH SERIES
DETAIL
NO SCALE



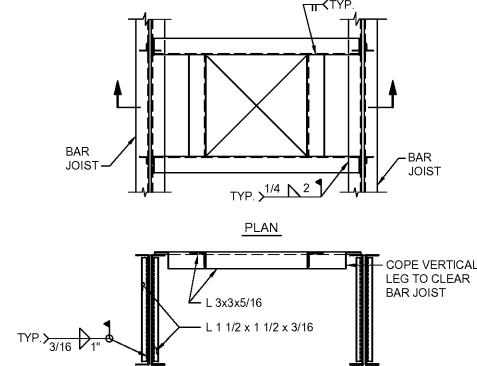
6
S-501

DETAIL
NO SCALE



7
S-501

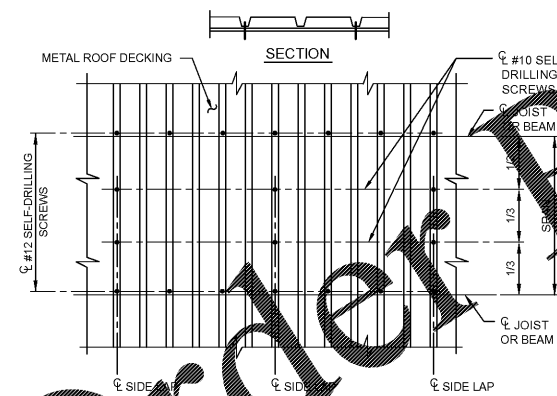
DETAIL
NO SCALE



8
S-501

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

NOTES:
1. USE AT ALL OPENINGS EQUAL TO OR GREATER THAN 12" SQUARE OR 12" IN DIAMETER. ALL OPENING EDGES AND EQUIPMENT BASE CURBS TO BE CONTINUOUSLY SUPPORTED BY ANGLE FRAMING.
2. SEE MECHANICAL DRAWINGS FOR LOCATION AND NUMBER OF FRAMES REQUIRED. COORDINATE DIMENSIONS WITH EQUIPMENT SHOP DRAWINGS.



9
S-501

DETAIL
NO SCALE

LOOSE STEEL LINTEL SCHEDULE

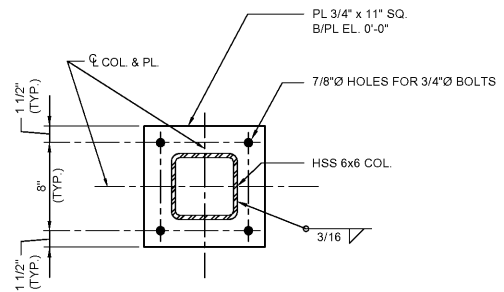
CLEAR SPAN	LINTEL TYPE AND SIZE
UP TO 4'-0"	L4 x 3-1/2 x 5/16
4'-0"-6'-0"	L5 x 3-1/2 x 3/8
6'-0"-8'-0"	L6 x 3-1/2 x 3/8

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S-501

DETAIL
NO SCALE

- NOTES:
- ONE ANGLE PER 4" THICKNESS OF MASONRY.
 - 6" MINIMUM BEARING EACH END OF EACH ANGLE.
 - LONG LEG SHALL BE PLACED VERTICAL.
 - ALL EXTERIOR ANGLES SHALL BE GALVANIZED.

- NOTES:
- GROUT FOR SETTING BASE PLATES SHALL BE NON-SHRINK, NON-METALLIC TYPE. PLUMB COLUMN BY USING LEVELING NUTS OR STEEL WEDGES AT EDGES OF BASE PLATE AND GROUT. WHEN GROUT HAS GAINED SUFFICIENT STRENGTH TO SUPPORT LOAD (5000 PSI), ALL WEDGES AND SHIMS SHALL BE REMOVED & RESULTING VOIDS FILLED WITH GROUT BEFORE ANCHOR BOLTS ARE TIGHTENED.



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S-501

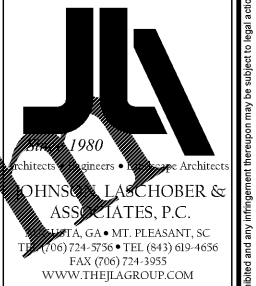
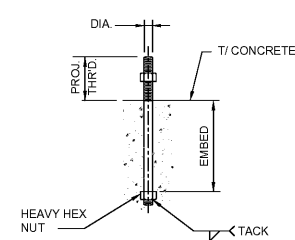
DETAIL
SCALE: 1 1/2"=1'-0"

ANCHOR BOLT DIMENSIONS

DIAMETER	PROJECTION & THREAD	EMBEDMENT LENGTH
3/4"	3"	12"
7/8"	3"	15"
1"	4"	18"
1 1/4"	4"	21"

13
S-501

DETAIL
NO SCALE



CLIENT: AUGUSTA, GA
535 TELFAIR STREET, AUGUSTA, GA 30601

PROJECT NAME: FIRE STATION #2

PROJECT LOCATION: 928 TELFAIR ST., AUGUSTA, GA 30601



REV	DATE	BY	DESCRIPTION
0	08/29/18	MMW	ISSUED FOR PERMITTING

PROJECT NO. 3042.1604
DRAWN BY: CB
CHECKED BY: MWL
DATE: 10/18/17

SHEET TITLE:
STEEL SECTIONS AND DETAILS

SCALE: AS NOTED
DRAWING NO. **S-501** REV. 0