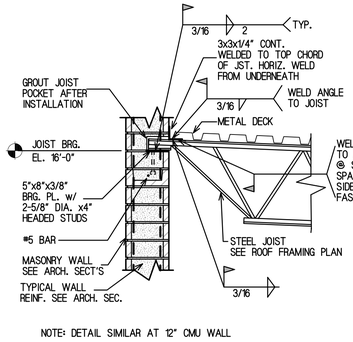
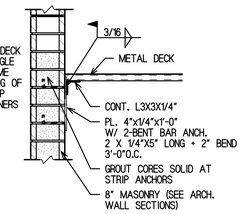


NOTE: DETAIL SIMILAR AT 12" CMU WALL

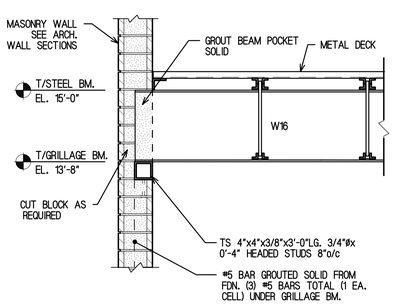
1 S3 **Section**

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



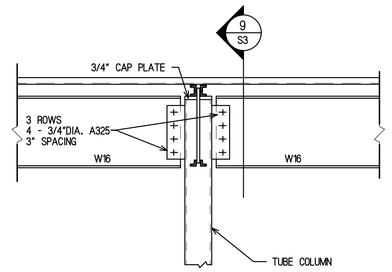
2 S3 **Section**

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



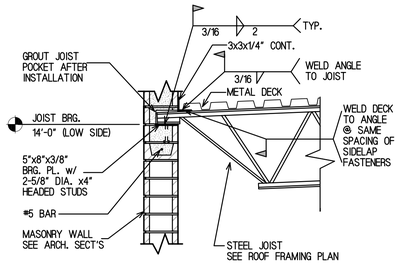
3 S3 **Grillage Beam Detail**

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



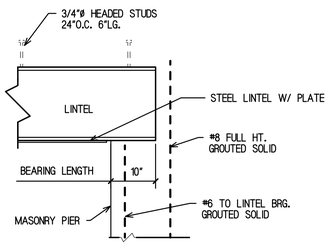
4 S3 **Beam Connection Detail**

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



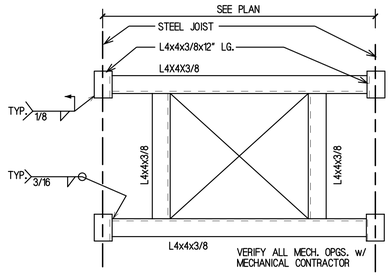
5 S3 **Section**

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



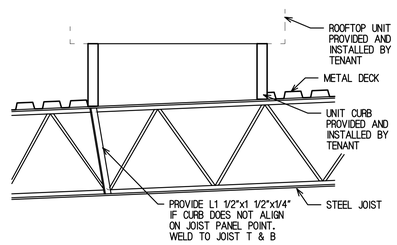
6 S3 **Section**

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



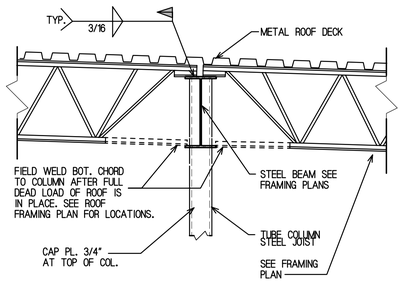
7 S3 **Roof Opng. Detail**

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



8 S3 **Curb Reinf. Detail**

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



9 S3 **Typ. Beam Joist Detail**

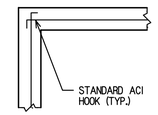
SCALE: 3/4"=1'-0"

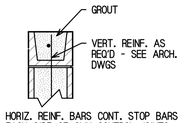
GROUTING NOTES

GROUT FOR VERTICAL REINFORCED WALL, BOND BEAMS, FILLED BLOCK, ANCHOR BOLTS, ETC. SHALL CONFORM TO THE FOLLOWING PROPORTIONS:

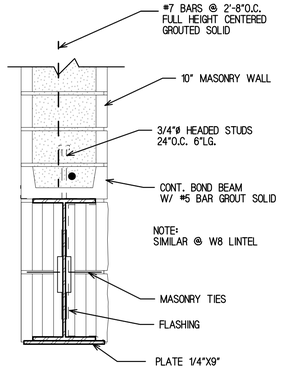
1) PORTLAND CEMENT - 1 PART BY VOLUME
2) HYDRATED LIME OR LIME PUTTY - 1/10 PART BY VOLUME
3) CLEAN SHARP SAND - 2 1/4 TO 3 TIMES THE SUM OF VOLUMES 1 & 2

GROUT SHALL BE MACHINE MIXED WITH SUFFICIENT WATER TO PERMIT POURING INTO CAVITY.
GROUT SHALL DEVELOP A COMPRESSIVE STRENGTH OF 2500 PSI AT 28 DAYS.
GROUT SHALL BE PUDDLED AS NECESSARY TO INSURE COMPLETE BOND.
PERMIT SUFFICIENT TIME BETWEEN GROUT LIFTS TO AVOID BLOWOUTS.
WIRE REINFORCING SHALL BE IN PLACE PRIOR TO GROUTING.
REFER TO STRUCTURAL NOTES FOR ADDITIONAL REQUIREMENTS.



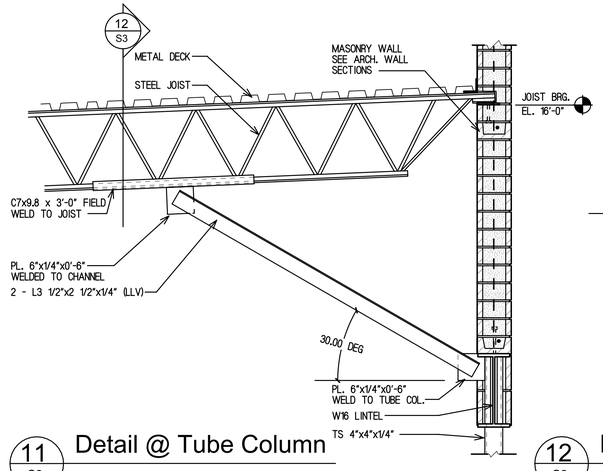


SEE NOTES ABOVE



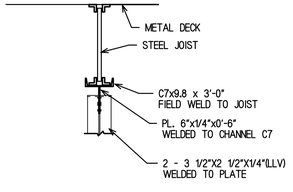
10 S3 **Section**

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



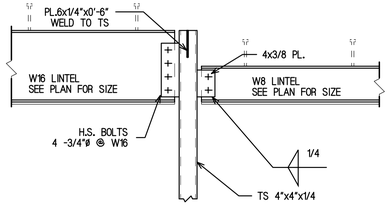
11 S3 **Detail @ Tube Column**

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



12 S3 **Detail @ Tube Column**

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



13 S3 **Detail @ Tube Column**

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

DATE
OCTOBER 7, 2014

REVISIONS
JANUARY 6, 2015 (ISSUED FOR BID/CONSTRUCTION)

PROPOSED DEVELOPMENT FOR:
BOLINGBROOK SEMU, LLC.
LOCATION
123 N. WEBER ROAD
BOLINGBROOK, ILLINOIS

J. WATSON
ENGINEERING COMPANY, INC.
10575 West 93RD Avenue, St. John, Indiana 46373
PH. 219-365-4897 - FAX 219-365-4852

THIS IS TO CERTIFY THAT THESE PLANS WERE PREPARED BY ME OR UNDER MY PERSONAL SUPERVISION AND TO THE BEST OF MY KNOWLEDGE AND BELIEF CONFORM TO LAWS AND ORDINANCES OF THE VILLAGE OF BOLINGBROOK, ILLINOIS

SHEET NAME
ROOF FRAMING DETAILS

SHEET
S3
OF 4

PROJECT NO.
1414