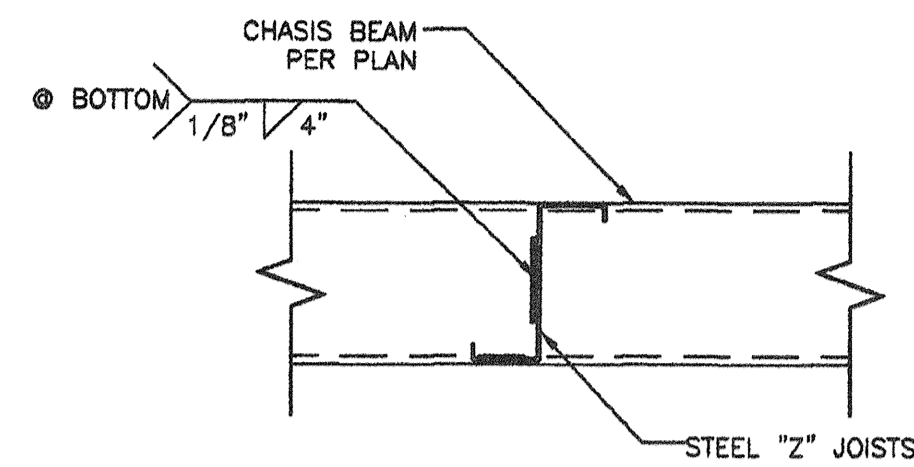
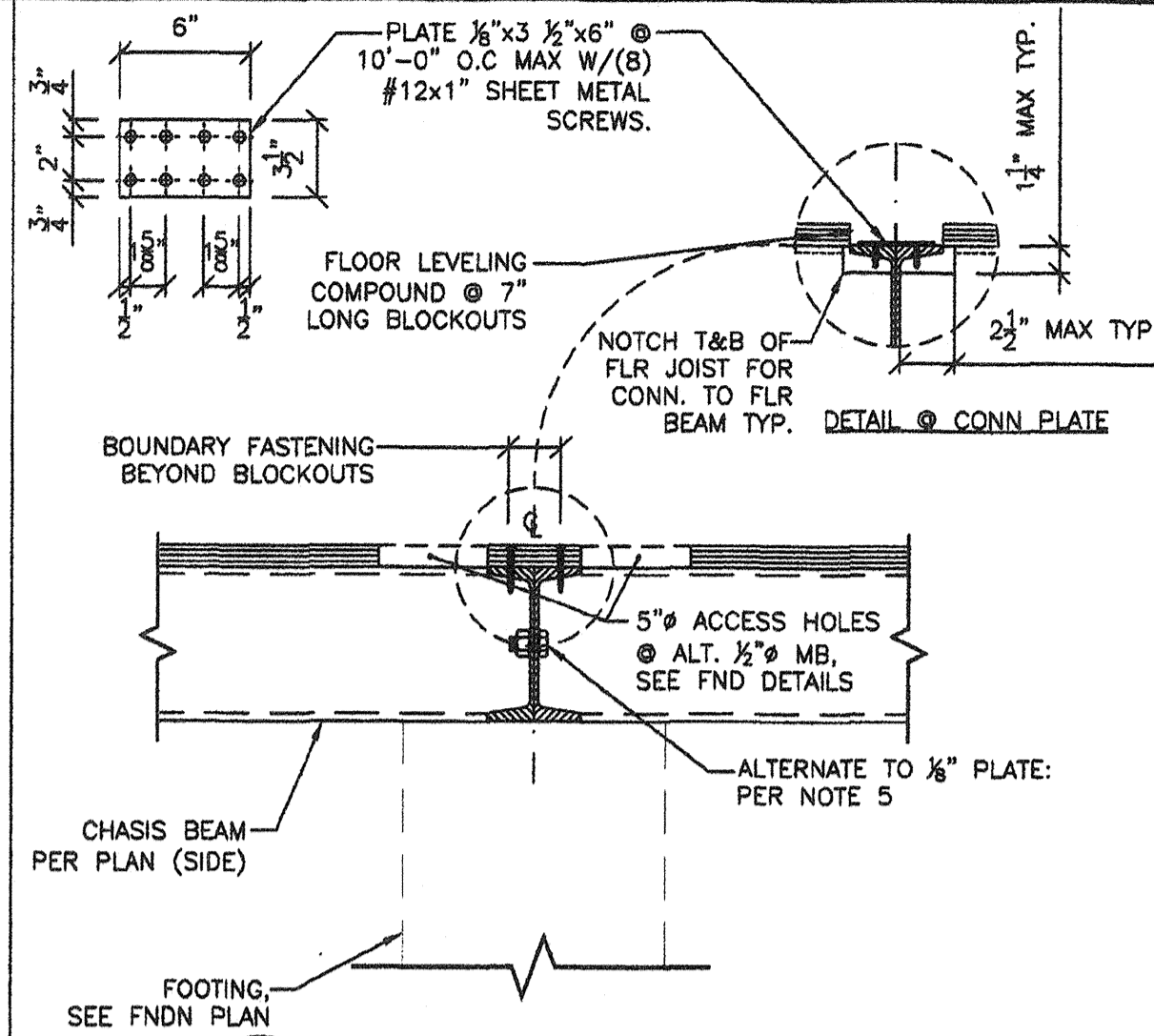


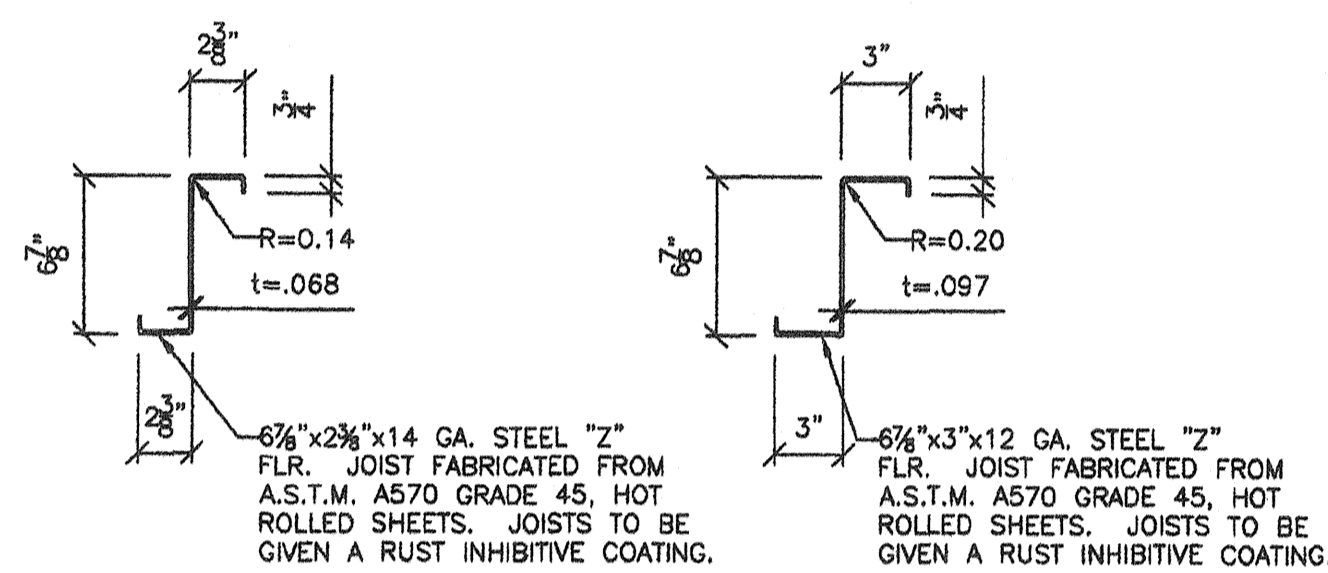
TYP FLOOR JOIST COPING



1 TYP JOIST ATTACHMENT TO BEAM
S2 1 1/2"=1'-0"



3 TYP. BEAM TO BEAM CONNECTION
S2 1 1/2"=1'-0"



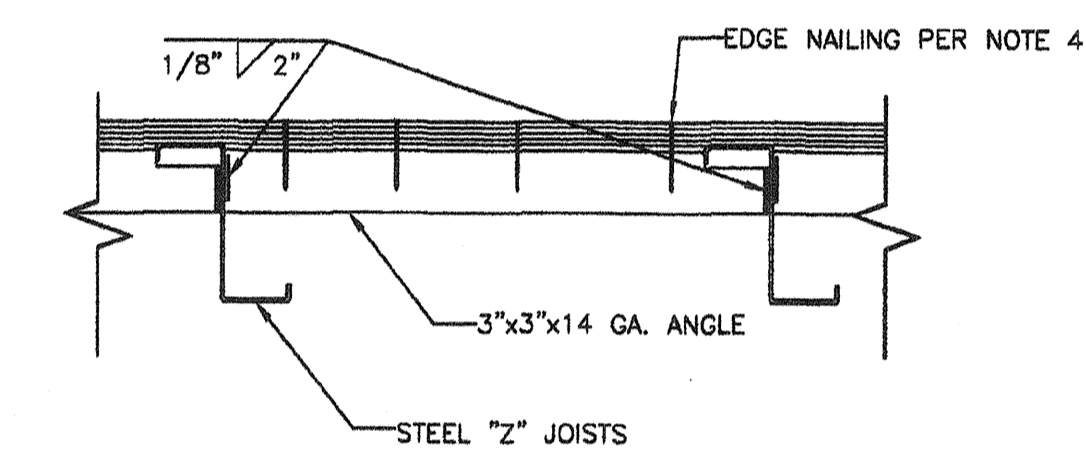
14 GA. JOIST

12 GA. JOIST

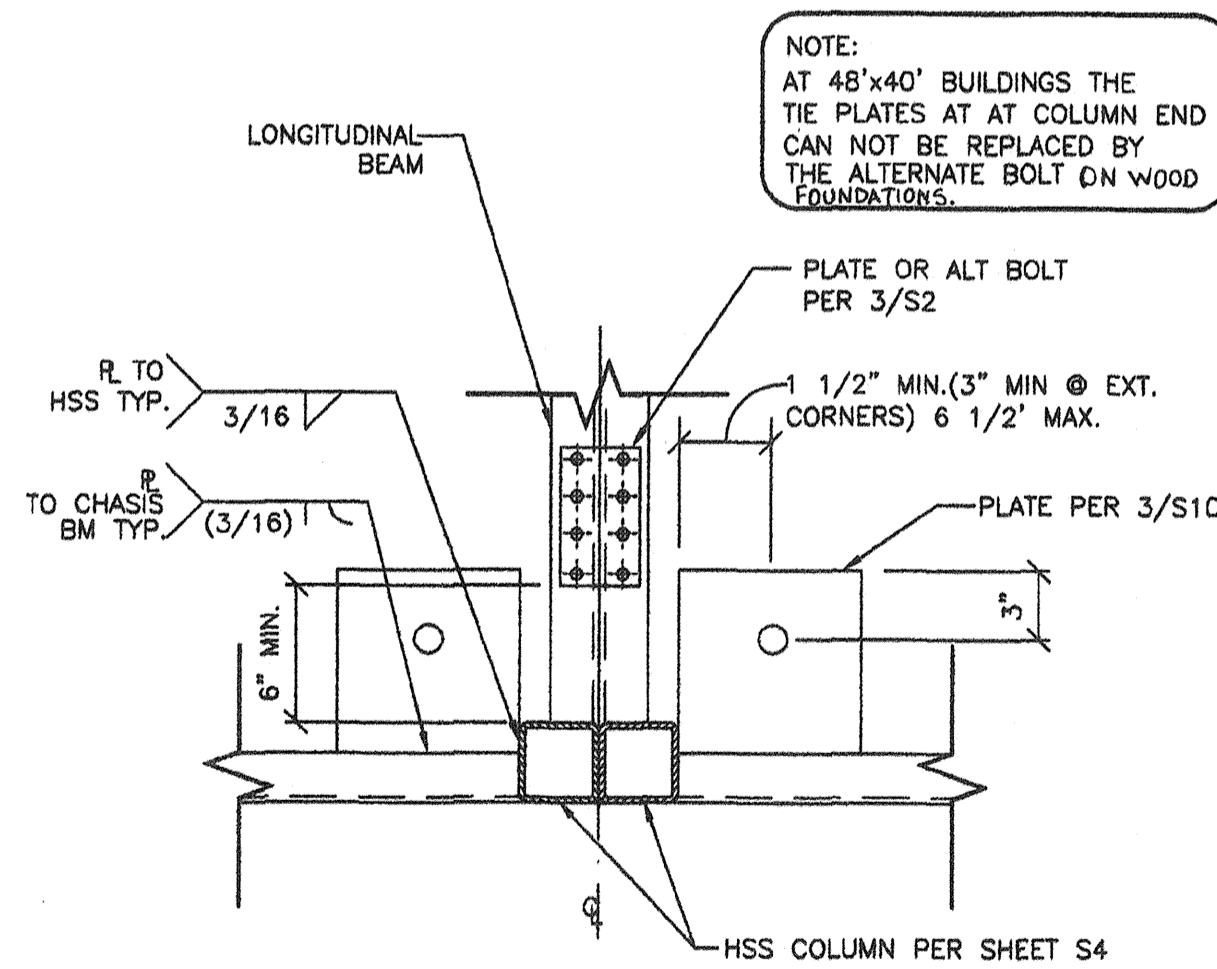
Z SECTION PROPERTIES
A=0.89 IN.²
S_x=1.85 IN.³
I_x=6.37 IN.⁴

Z SECTION PROPERTIES
A=1.38 IN.²
S_x=2.97 IN.³
I_x=10.20 IN.⁴

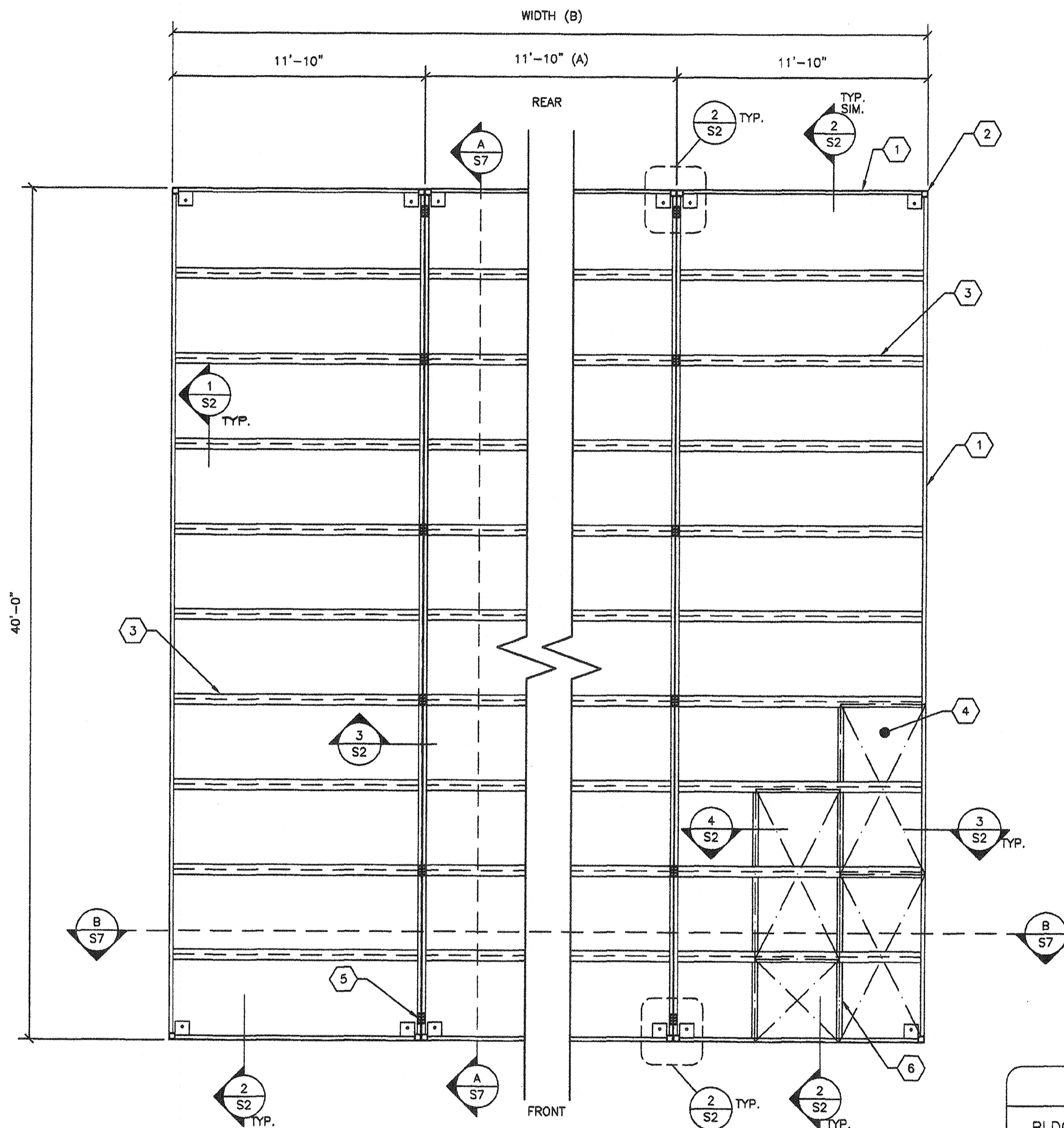
1A TYP JOISTS
S2 1 1/2"=1'-0"



4 TYP. ANGLE TO Z-PURLIN ATTACHMENT
S2 1 1/2"=1'-0"



2 TYP. FL. BEAM CONNECTION
S2 1 1/2"=1'-0"



A TYPICAL FLOOR FRAMING LAYOUT
S2 1/4"=1'-0" PLYWOOD FLOOR

- KEY NOTES -

- 1 C 7x9.8 FLOOR BEAM ALTERNATE C10x15.3
 - 2 HSS COLUMN PER SHEET S4
 - 3 FLOOR JOIST (SEE 1A/S2)
- | LIVE LOAD PSF | SPACING | |
|---------------|--------------|--------------|
| | 14 GA. JOIST | 12 GA. JOIST |
| 50 PSF | 48" O.C. | 48" O.C. |
| 50+15 PSF | 24" O.C. | 48" O.C. |
| 100 PSF | 24" O.C. | 24" O.C. |
| 150 PSF | 24" O.C. | 24" O.C. |
- 4 1 1/8" T&G PLYWOOD FLOOR SH'T'G STURDI-I-FLOOR 48" O.C SPAN RATING EXP. 1 CONFORMING TO PS 1-95 OPTION: UNI-FLOOR BY PITTSBURGH TESTING LAB CONFORMING TO PS 1-95. STAGGER SHEETS 48" O.C AS SHOWN W/ FACE GRAIN NORMAL TO FLOOR JOISTS. FASTENING: BOUNDARY OF EA. MODULE: #12x2 1/4" WOOD TEK @ CHANNEL @ 6" O.C. PANEL EDGES: ET&F 0.144"x2" MIN. POWER DRIVEN PINS @ 6" O.C. FIELD: ET&F 0.144"x2" MIN. POWER DRIVEN PINS @ 10" O.C.
NOTE: SEE ICC ER-4144 FOR ET&F BRAND PNEUMATIC PINS.
 - 5 PLATE 1/8"x 3 1/2"x6" W/(8) #12x1" SHEET METAL SCREWS @ 10'-0" O.C MAX
ALTERNATE: 1/2"x1 1/2" MB @ 10'-0" O.C TYP (8'-0" O.C. MAX @ 48"x40' 150 PSF FLOOR LIVE LOAD BUILDING ON WOOD FOUNDATIONS) MAX AND 6" MAX FROM EACH END OF MODULE. BOLT @ 1/2" MAX HOLE THRU CHANNELS
 - 6 3"x3"x14 GA. ANGLE @ UNSUPPORTED PLYWOOD EDGES @ THE TWO END MODULES OF 48"x40' 150 P.S.F BUILDING ON WOOD FOUNDATION ONLY. PER DETAIL 4/S2

- GENERAL NOTES -

1. THE MATERIAL THICKNESS OF STRUCTURAL MEMBER, IN THEIR END-USE, SHALL MEET OR EXCEED THE MINIMUM BASE METAL THICKNESS SPECIFIED IN THE TABLE OR IN THE PLAN. THE MATERIAL GAUGE DESIGNATION IN THE PLAN SHALL BE USED AS REFERENCE ONLY.

- MODULE SCHEDULE -

| BLDG SIZE (FT) | TOTAL # OF 12' WIDE MODULES | "A" TOTAL # OF CENTER MODULES | "B" TOTAL BLDG WIDTH |
|----------------|-----------------------------|-------------------------------|----------------------|
| 24' x 40' | 2 | 0 | 23'-8 1/4" |
| 36' x 40' | 3 | 1 | 35'-6 1/2" |
| 48' x 40' | 4 | 2 | 47'-4 3/4" |
| 60' x 40' | 5 | 3 | 59'-3" |
| 72' x 40' | 6 | 4 | 71'-1 1/4" |
| 84' x 40' | 7 | 5 | 82'-11 1/2" |
| 96' x 40' | 8 | 6 | 94'-9 3/4" |
| 108' x 40' | 9 | 7 | 106'-8" |
| 120' x 40' | 10 | 8 | 118'-6 1/4" |

| NO | DATE | DESCRIPTION |
|----|------|-------------|
| | | |
| | | |
| | | |

DATE: 02/11/08
SCALE: NOTED
DRAWN BY: DM
SERIAL NO.:

CUSTOMER:
2:12 PITCHED ROOF 24' x 40' THRU 120' x 40' RELOCATABLE BUILDINGS FLOOR FRAMING PLANS (PLYWOOD)

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APPROVALS:
THESE DRAWINGS ARE PRELIMINARY AND NOT FOR CONSTRUCTION UNLESS STAMPED & SIGNED BY THE ENGINEER OF RECORD.
REGISTERED PROFESSIONAL ENGINEER
Kenneth A. Lubini
No. 4418
Exp. 3/31/09
Structural Engineer
STATE OF CALIFORNIA

IDENTIFICATION STAMP
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OFFICE OF REGULATION SERVICES
C3 118549
AC: FLS SS (8/8)
DATE: 9-2-2010
PC 02-109895
AC: FLS SSS
DATE: 3/23/2009

PROJECT No.
PC
S2-C

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