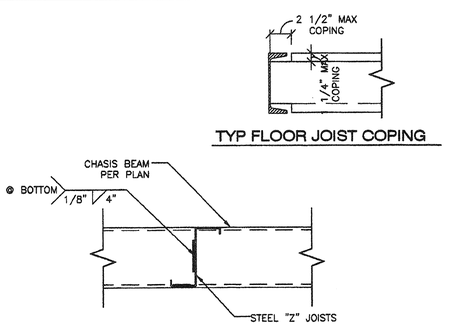
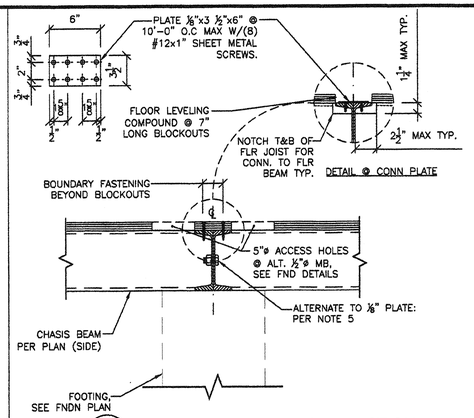
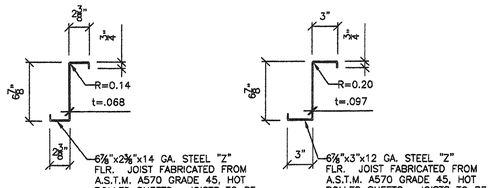


TYP FLOOR JOIST COPING

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



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



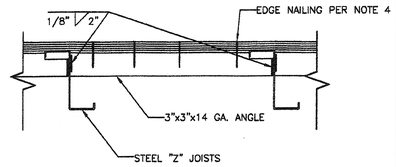
14 GA. JOIST

Z SECTION PROPERTIES
A=0.89 IN.^{2}
Sx=1.85 IN.^{3}
Ix=6.37 IN.^{4}

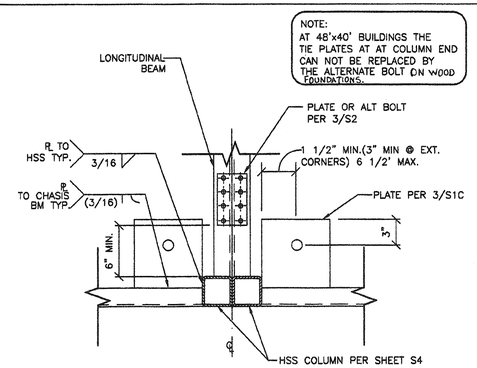
12 GA. JOIST

Z SECTION PROPERTIES
A=1.38 IN.^{2}
Sx=2.97 IN.^{3}
Ix=10.20 IN.^{4}

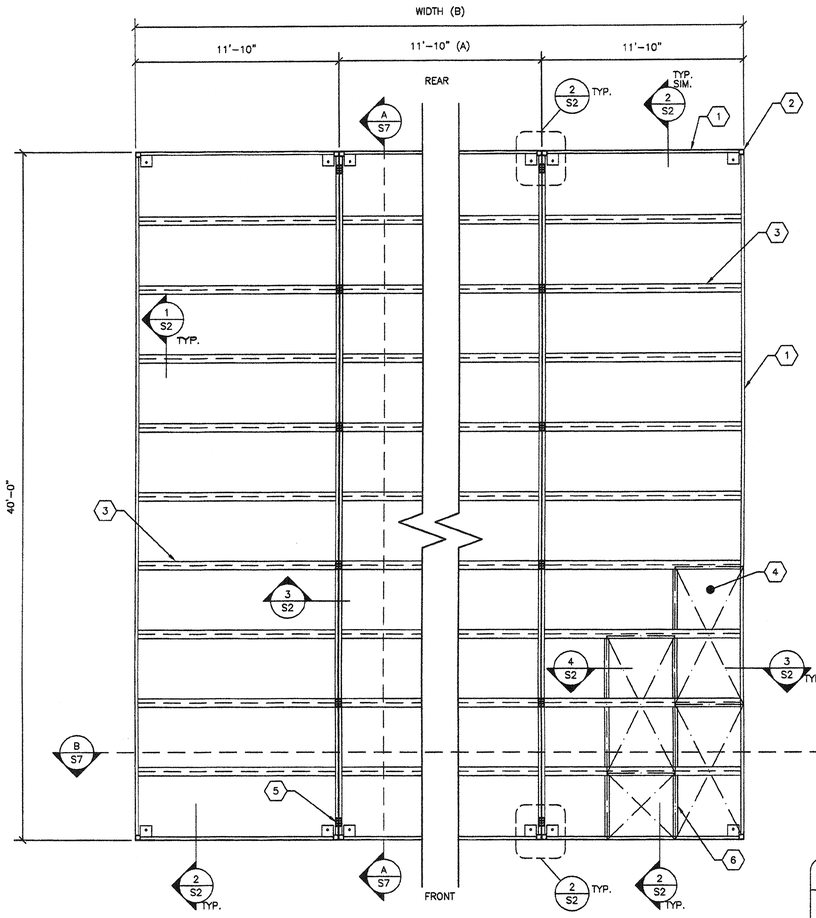
1A / S2 TYP JOISTS
1 1/2"=1'-0"



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



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



A / S2 TYPICAL FLOOR FRAMING LAYOUT
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)

FLOOR JOIST SCHEDULE		
	SPACING	
LIVE LOAD PSF	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

4. 1 1/8" T&G PLYWOOD FLOOR SHT'G
   STURDI-I-FLOOR 48" O.C SPAN RATING EXP. 1
   COMFORMING 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"ø x2" MIN.
   POWER DRIVEN PINS @ 6"O.C
   FIELD: ET&F 0.144ø 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/(6)#12x1" SHEET METAL SCREWS
   @ 10'-0" O.C MAX

   ALTERNATE:
   ½"ø x1 ½" 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 MOUDLE.
   BOLT ø + 1/16" 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'-8 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"

REVISIONS

NO	DATE	DESCRIPTION
1		
2		
3		
4		

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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americanmodular.com

APPROVALS:

THESE DRAWINGS ARE PRELIMINARY AND NOT FOR CONSTRUCTION UNLESS STAMPED & SIGNED BY THE ENGINEER OF RECORD.

REGISTERED PROFESSIONAL ENGINEER — Kenneth A. Luttrell No. 1418 EXP. 3-31-09 Structural Engineer — STATE OF CALIFORNIA

LICENSED ARCHITECT — RANDALL PATRICK CAVANAGH — No. C12631 Ren. 2-31-09 — STATE OF CALIFORNIA

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT 112985 AC FLS SS DATE SEP 24 2008

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES PC 02-109695 AC FLS SS DATE 3/23/2009

PROJECT No. PC

S2