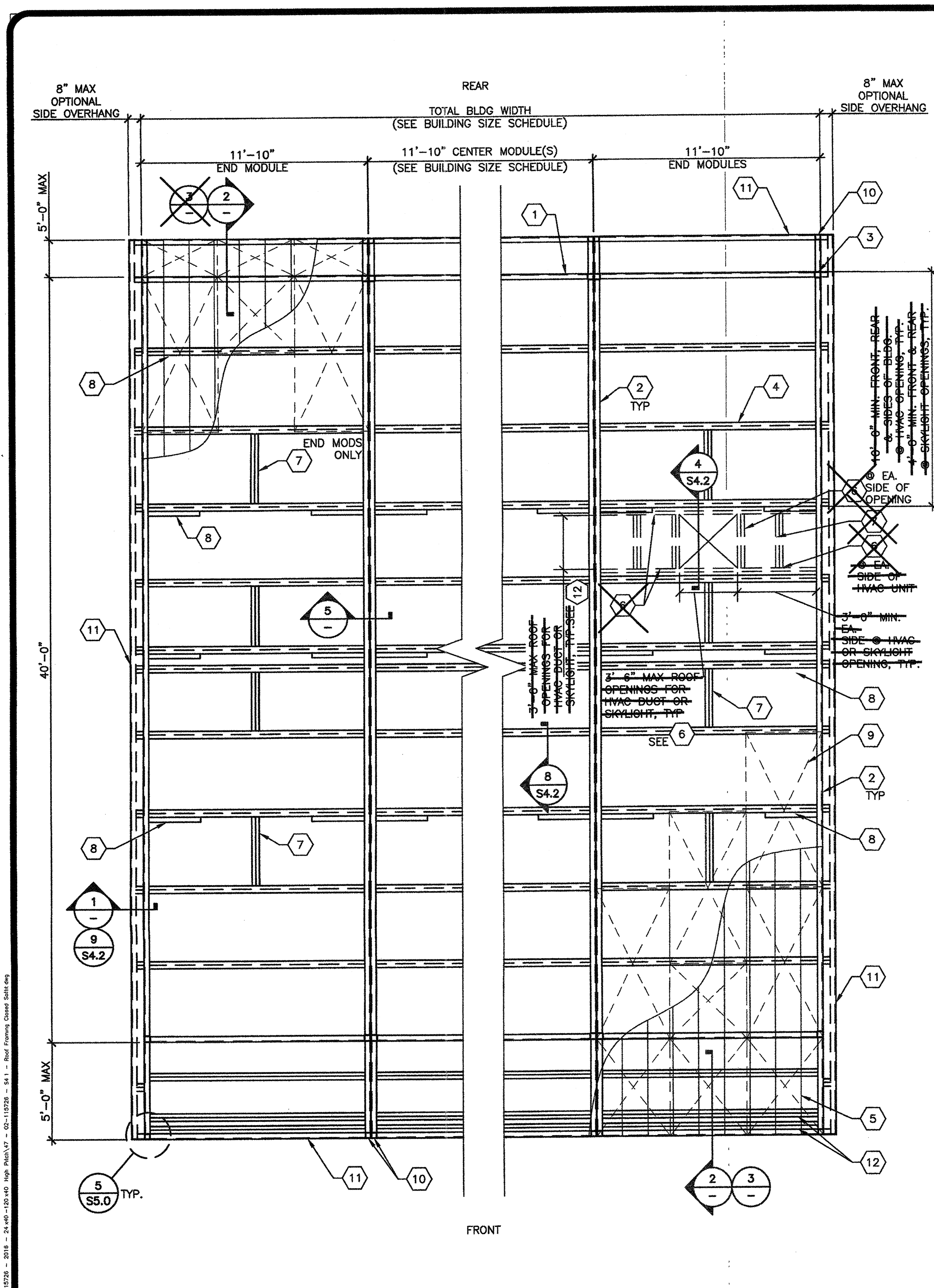




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TYPICAL ROOF FRAMING LAYOUT (ENCLOSED SOFFIT) SCALE: 1/4"=1'-0"

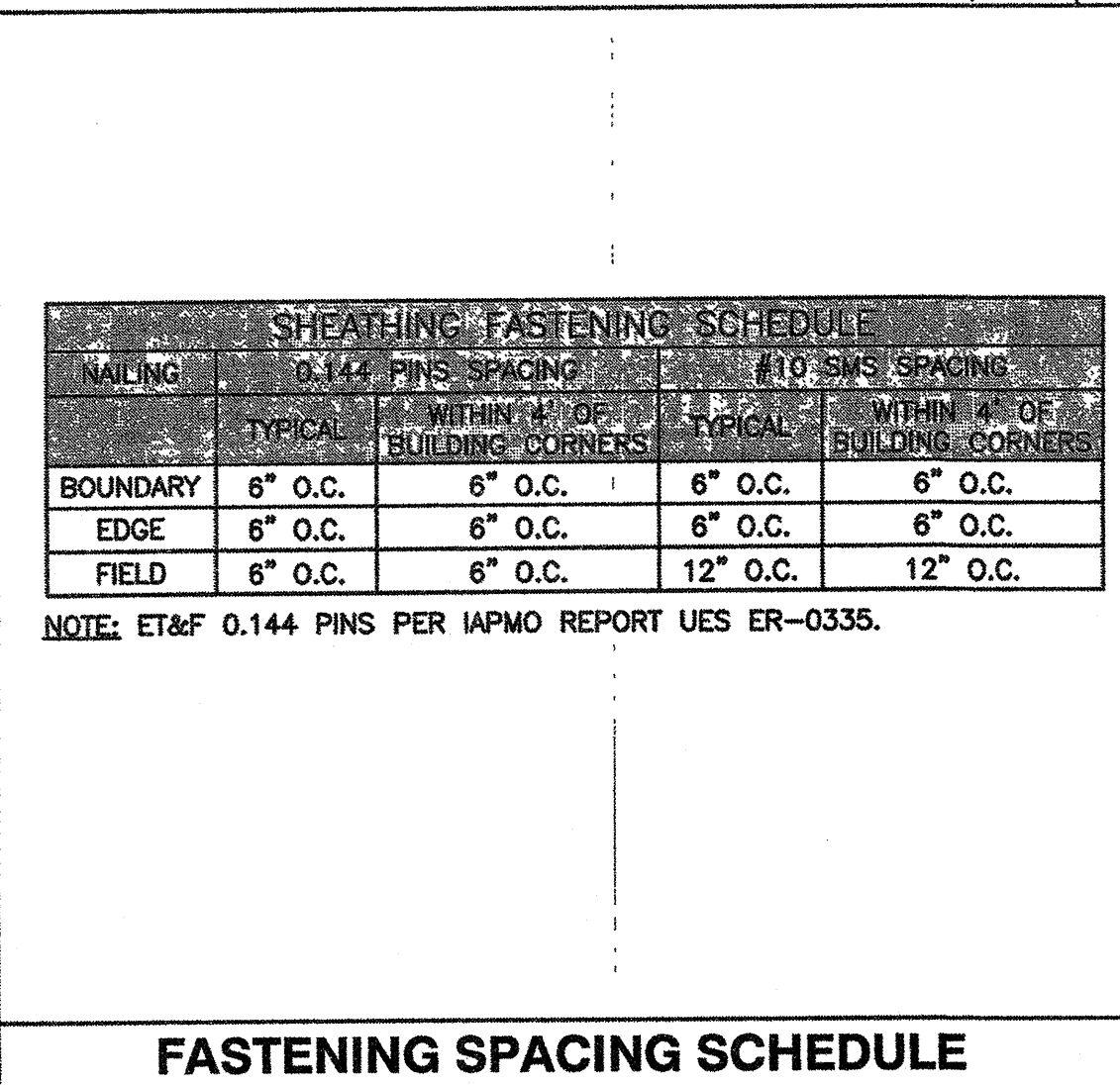
BUILDING SIZE SCHEDULE

BUILDING SIZE (FT)	TOTAL # OF 12'-0" WIDE MODULES	TOTAL # OF CENTER MODULES	TOTAL FINISH WIDTH (FT)
24'x40'	2	0	23'-8 1/2"
36'x40'	3	1	35'-6 1/2"
48'x40'	4	2	47'-5"
60'x40'	5	3	58'-3 1/2"
72'x40'	6	4	71'-1 1/2"
84'x40'	7	5	82'-1 1/2"
96'x40'	8	6	94'-10"
108'x40'	9	7	106'-8 1/2"
120'x40'	10	8	118'-6 1/2"

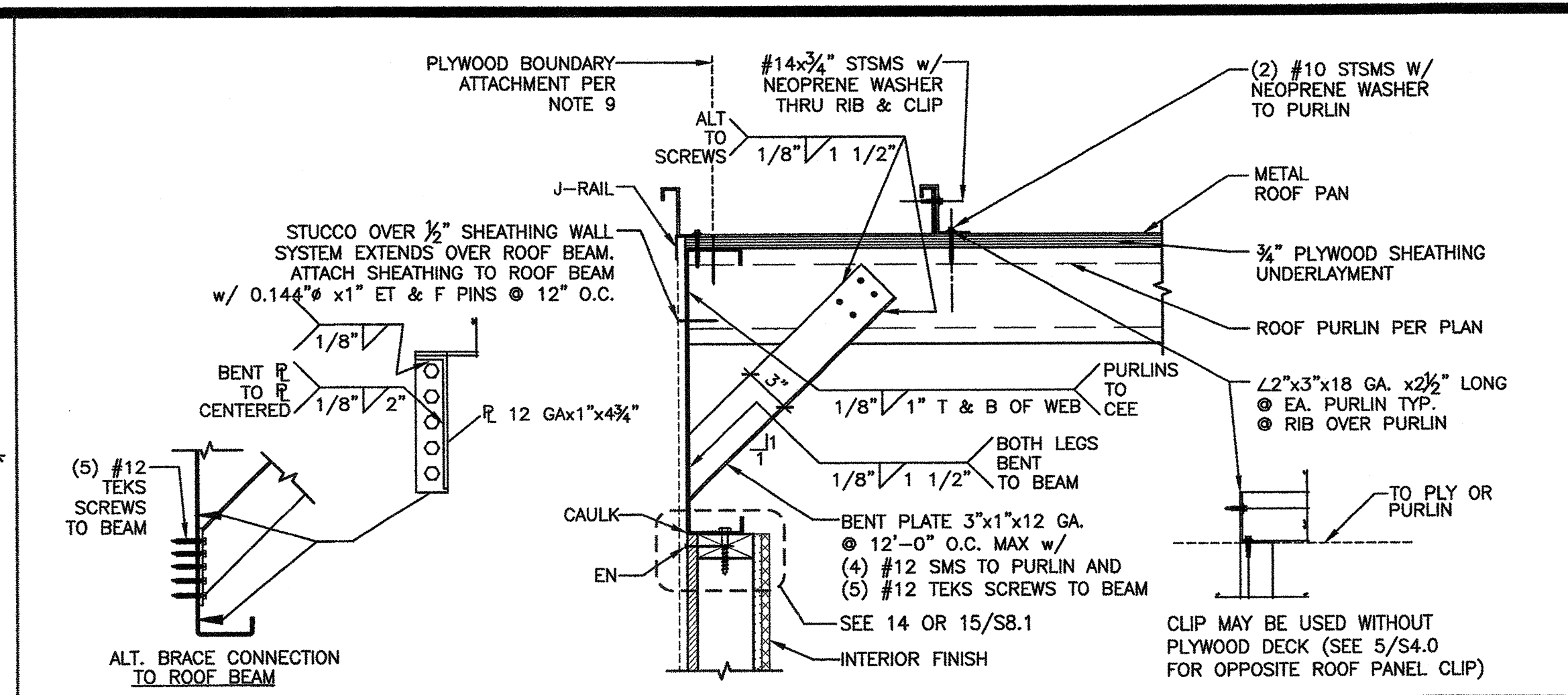
FASTENING SPACING SCHEDULE

LOADING	TYPICAL WITHIN FIELD BUILDING CORNERS	EDGE	FIELD
BOUNDARY	6" O.C.	6" O.C.	6" O.C.
EDGE	6" O.C.	6" O.C.	6" O.C.
FIELD	6" O.C.	6" O.C.	12" O.C.

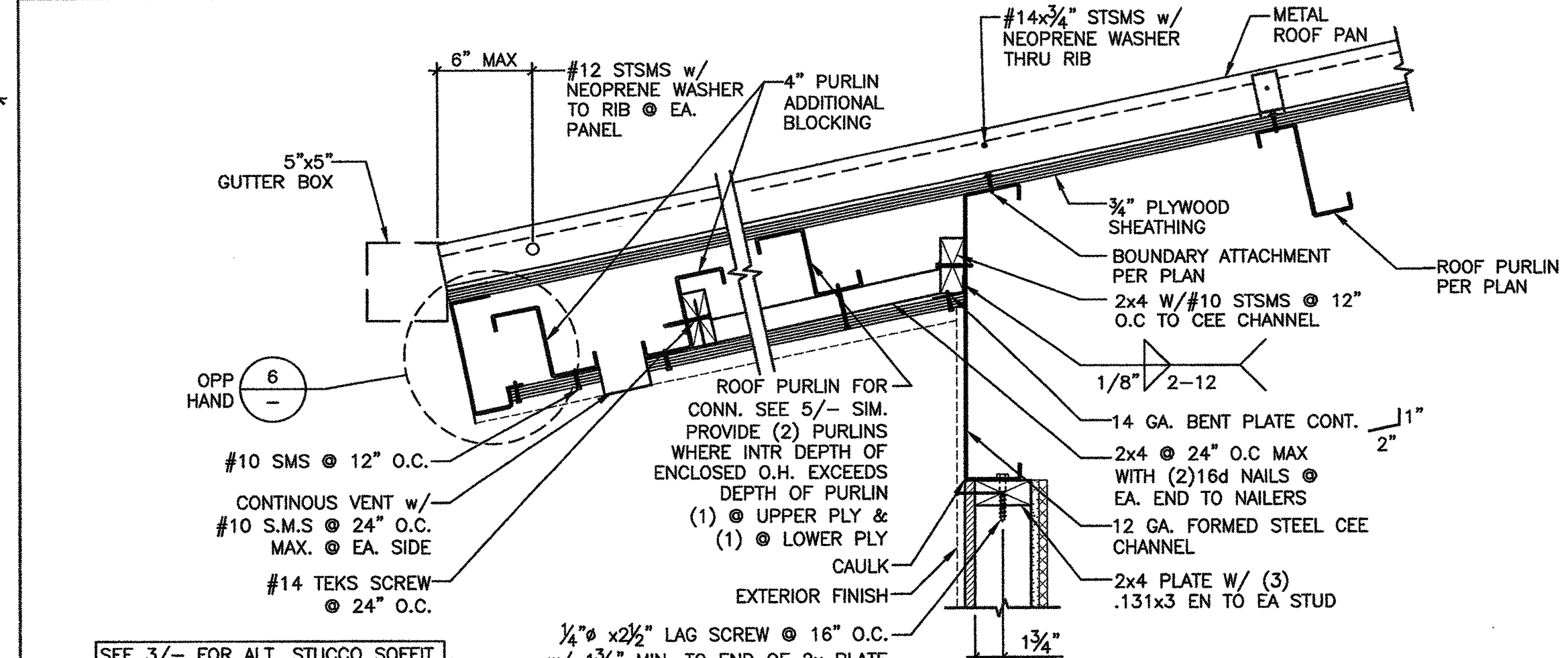
NOTE: ET&F 0.144 PINS PER IAPMO REPORT UES ER-0335.



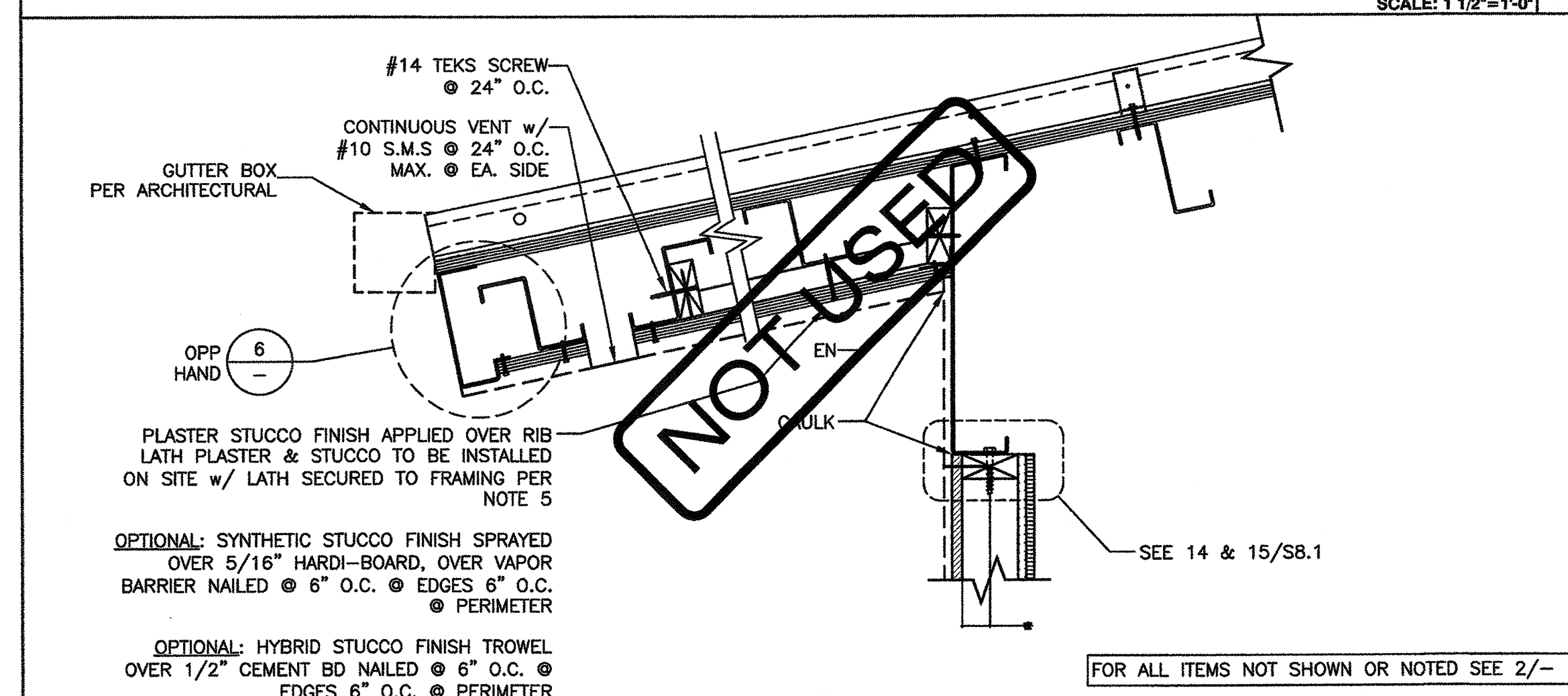
ROOF BEAM CONNECTION DETAIL SCALE: 1 1/2"=1'-0"



SIDE WALL TO ROOM BEAM DETAIL SCALE: 1 1/2"=1'-0"



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



ALTERNATE OVERHANG DETAIL w/ STUCCO SOFFIT SCALE: 1 1/2"=1'-0"

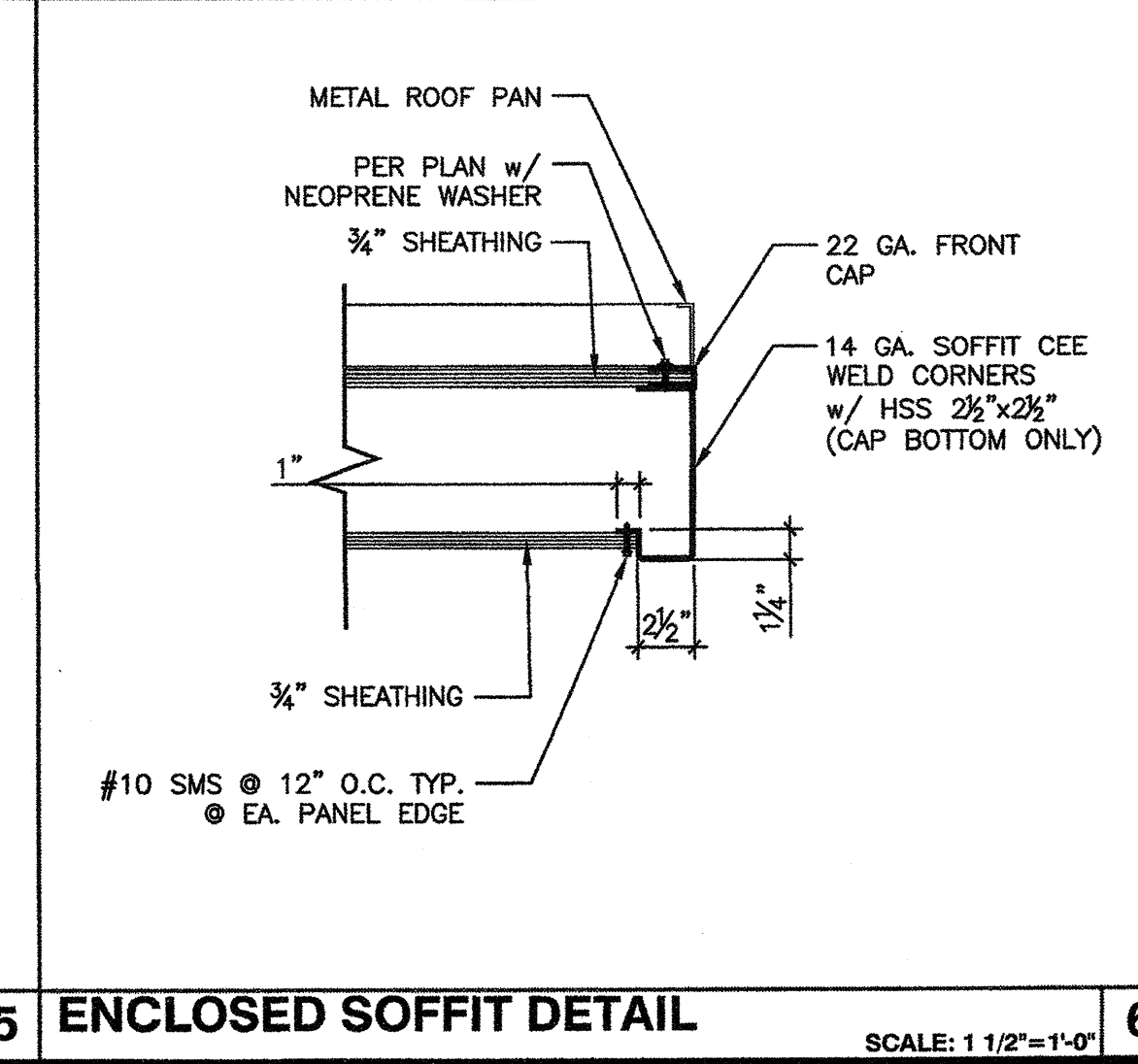
- TRANSVERSE ROOF BEAM PER SHEET S5.0.
- LONGITUDINAL ROOF BEAM PER SHEET S5.0.
- HSS COLUMN PER SHEET S5.0.
- ROOF PURLINS @ 48" O.C. MAX. - SEE SHEET S0.0.
- METAL ROOF PAN - SEE SHEET S0.0. ALTERNATE: 26 GA. ROOF PAN w/ ROOF SHEATHING & ENCLOSED SOFFIT OVERHANG OPTIONS ONLY. SEE THIS SHEET FOR DETAILS.
- PROVIDE DOUBLE PURLINS AND BLOCKING PER 2 / 5/4.2.
 - OPTIONAL HVAC UNIT (600F MAX). (1) HVAC UNIT PER MODULE.
 - MAX. PROVIDE SINGLE PURLINS AND BLOCKING PER 3/5/4.2.
 - OPTIONAL SKYLIGHT OPENINGS (4) SKYLIGHT OPENINGS PER MODULE.
 - MAX. SKYLIGHT OPENINGS PER ROOF PLAN & PROVIDE CLEAR MIN. BETWEEN ALL OPENINGS, TYP.

- DO NOT HEAD OFF ROOF PURLINS FOR OPENINGS FOR HVAC/SKYLIGHT OPENINGS. ALL ROOF PURLINS SHALL BE CONTINUOUS ACROSS MODULE. LAYOUT OF CONTINUOUS ROOF PURLINS MAY BE ADJUSTED TO ACCOMMODATE HVAC/SKYLIGHT LAYOUT AS LONG AS SPACING DOES NOT EXCEED 48" O.C.
- PLACE HVAC/SKYLIGHT OPENINGS TO AVOID INTERRUPTION OF STRAP CROSS-BRACING WHERE OSB/PLYWOOD SHEATHING IS NOT UTILIZED. CROSS-BRACING MAY BE INTERRUPTED ONLY IF OSB/PLYWOOD SHEATHING IS USED.
- MID-SPAN PURLIN BLOCKING WELD TO ROOF PURLINS PER DETAIL 3/5/4.2. BLOCKING IS ONLY REQUIRED AT END MODULES AT PURLINS WITH DIAGONAL BEAM BRACING AT EXTERIOR SIDE WALLS PER BELOW.
- 3x12 GA. BENT PLATE DIAGONAL BRACE TO ROOF BEAM @ 12'-0" O.C. MAX. & AT ROOF STRAP CROSS BRACING LOCATIONS PER 1/- w/ (2) @ RIDGE. SEE DETAIL 5/- @ BEAMS. PROVIDE PURLIN BLOCKING @ EACH BRACE @ END MODULES ONLY PER ABOVE.
- 3/4" APA RATED L-P OSB OR 3/4" PLYWOOD (ALL OSB OR PLYWOOD SHALL BE EITHER T&G OR EDGE CLIPPED AT UNSUPPORTED EDGES) CONFORMING TO PS 1-08 OR PS 2-10, CD EXPOSURE-1 48/24 SPAN INDEX, 2 SPANS MIN. (EXCEPT CENTER PANEL @ MODULE END BAYS), STAGGERED JOINTS, FACE GRAIN NORMAL TO ROOF PURLINS. ALL BOUNDARY, EDGE & FIELD ATTACHMENTS SHALL BE 1" MIN. FROM EDGE OF OSB OR PLYWOOD & EDGE OF STEEL SUPPORTING MEMBER. REFER TO FASTENING SCHEDULE FOR FASTENING.
- 2x4 W/ #10 STMS @ 12" O.C. TO CEE CHANNEL.
- 14 GA. BENT PLATE CONT. EA. END TO MAILERS WITH (2) 16d NAILS @ EA. END TO MAILERS.
- 12 GA. FORMED STEEL CEE CHANNEL.
- 2x4 PLATE W/ (3) .131x3 EN TO EA STUD.
- 2x4 W/ #10 STMS @ 12" O.C. TO CEE CHANNEL.
- 14 GA. BENT PLATE CONT. EA. END TO MAILERS WITH (2) 16d NAILS @ EA. END TO MAILERS.
- 12 GA. FORMED STEEL CEE CHANNEL.
- 2x4 PLATE W/ (3) .131x3 EN TO EA STUD.

KEY NOTES

- THE MATERIAL THICKNESS OF LIGHT GAUGE STRUCTURAL MEMBERS, IN THEIR END-USE, SHALL MEET OR EXCEED THE MINIMUM BASE METAL THICKNESS SPECIFIED ON SHEET S0.0. THE MATERIAL GAGE DESIGNATION IN THE PLAN SHALL BE USED AS REFERENCE ONLY.
- SEE SHEET S8.0 & S9.0 FOR TYP. SIDE WALL FRAMING.
- SEE SHEET S8.0 & S9.0 FOR TYP. END WALL FRAMING.
- ALL FASTENERS THRU METAL ROOF PANEL SHALL BE INSTALLED w/ NEOPRENE WASHERS.
- FOR PLASTER STUCCO FINISH @ SOFFIT, LATH SHALL BE SECURED PER THE FOLLOWING (CBC 2507.3): SECURE LATH TO ALTERNATE SUPPORTS WITH TIES CONSISTING OF A DOUBLE STRAND OF NO. 18 W & M GAGE GALVANIZED ANNEALED WIRE AT ONE EDGE OF EACH SHEET OF LATH. WIRE TIES SHALL BE INSTALLED NOT LESS THAN 3 INCHES (76MM) BACK FROM THE EDGE OF EACH SHEET AND SHALL BE LOOPED AROUND STRIPPING, OR ATTACHED TO A #8 SMS SCREW INTO EACH SIDE OF THE PURLIN - 2 INCHES (51MM) ABOVE THE BOTTOM OF THE PURLIN OR TO EACH END OF A #12 SMS DRIVEN HORIZONTALLY THROUGH THE PURLIN - 2 INCHES (51MM) ABOVE THE BOTTOM OF THE PURLIN AND THE ENDS OF THE WIRE SECURED TOGETHER WITH THREE TWISTS OF WIRE.

GENERAL NOTES



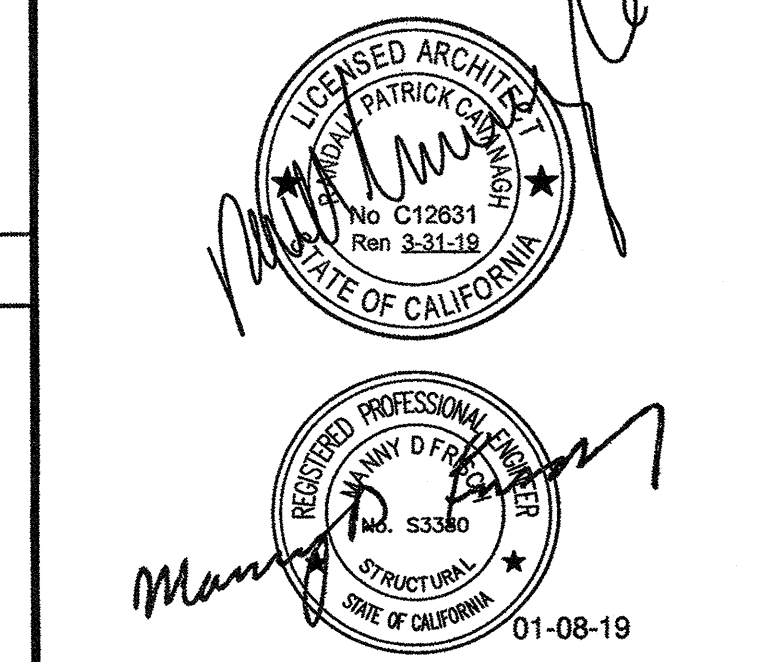
ENCLOSED SOFFIT DETAIL SCALE: 1 1/2"=1'-0"

24'x40' THRU 120'x40' HIGH PITCH MODULAR BUILDINGS

SITE SPECIFIC PROJECT NAME

SHEET TITLE
ROOF FRAMING PLAN AND DETAILS
ENCLOSED SOFFIT OPTION

MANUFACTURER PROFESSIONAL OF RECORD ON PC



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

PROJECT SPECIFIC STATE AGENCY APPROVAL

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OFFICE OF REGULATION SERVICES
02 117846
AC. FLS. S3
DATE AUG 2 2019

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PRE-CHECK (PC) DOCUMENT
CODE 2016 CBC
A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

REVISIONS
GENERAL REVISIONS - 01/02/19

DRAWN BY:
SCALE: AS NOTED
DATE:
SHEET NUMBER

S4.1-02