

NORPDC / PCL  
A Joint Venture  
Honolulu, HI

Hawai'i Convention Center  
Honolulu, HI

Winberry Allison Tong & Goo, Inc.  
in association with  
Loebckhy Mandarini & Nestholm

Job No. 93214  
Drawn/CHK'd  
Date 12/15/95  
Revisions

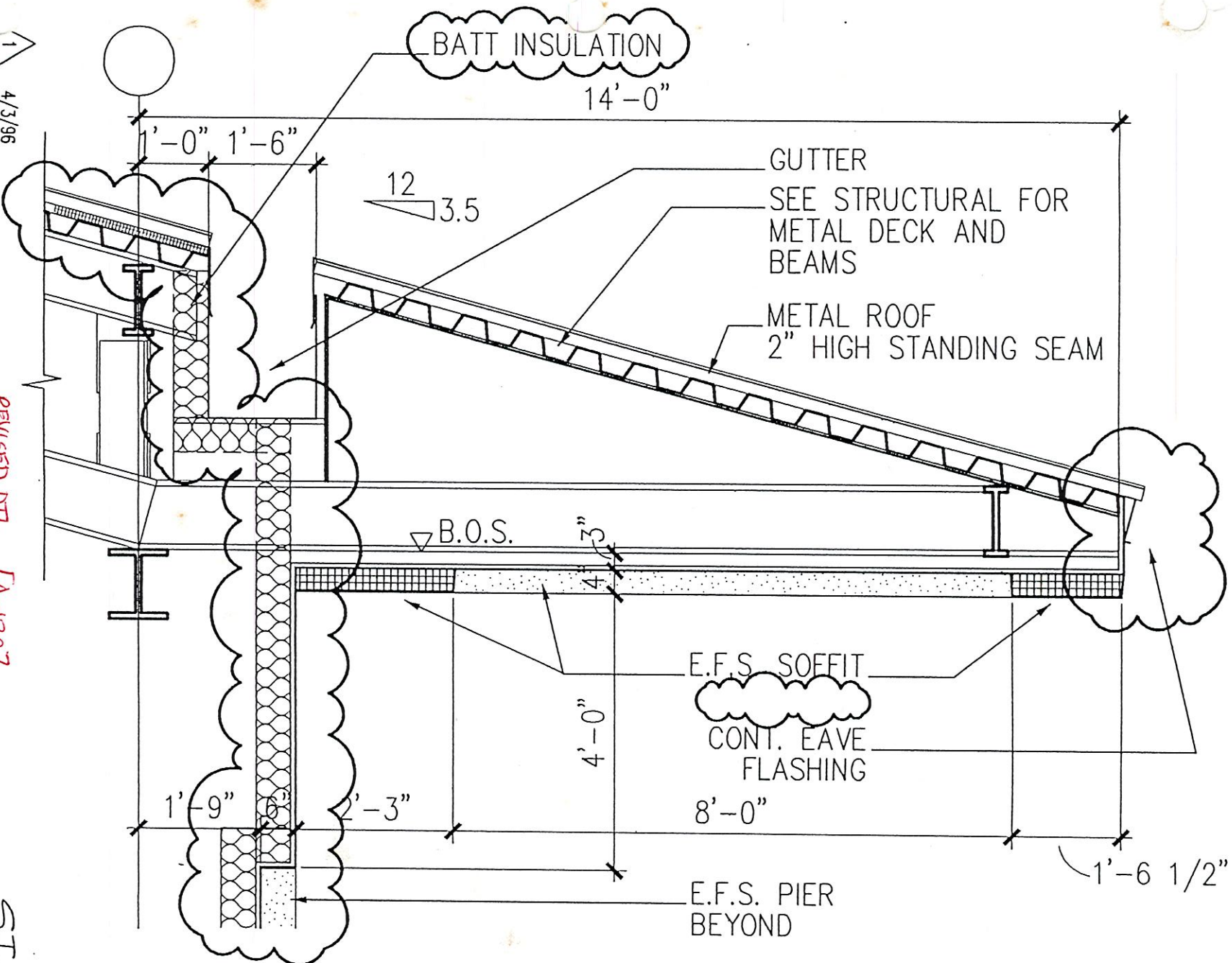
This work was prepared by me or under my supervision and construction of this project will be under my observation.

1  
219

1  
4/3/96

REVISED DTL. LA-1207

SI-A/20



1

# BALLROOM ROOF EAVE DETAIL

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

.040 ALUM. ULTRA SEAM STANDING SEAM METAL ROOFING

#12 X 1" PREPAINTED FASTENERS. 1 EA. PER PANEL RIB

RIDGE/HIP CAP

TURN UP PANEL ENDS

CONCEALED "SLIDER" CLIP FASTENED TO 18 GA. Z PURLIN WITH 2 EACH #8 SCREWS. PURLINS TO BE SPACED AT 3'-0" O.C. MAX.

CONCEALED "SLIDER" CLIP FASTENED TO 18 GA. Z PURLIN WITH 2 EACH #8 SCREWS. PURLINS TO BE SPACED AT 3'-0" O.C. MAX.

5-1/2"

INSULATION (R-10)

FOAM CLOSURE W/ METAL CLOSURE CHANNEL SET IN SEALANT ALL AROUND

18 GA. Z PURLIN FASTENED TO METAL DECK WITH 1 EACH #8 SCREW AT 11' O.C. MAX. PURLINS TO BE SPACED AT 3'-0" O.C. MAX.

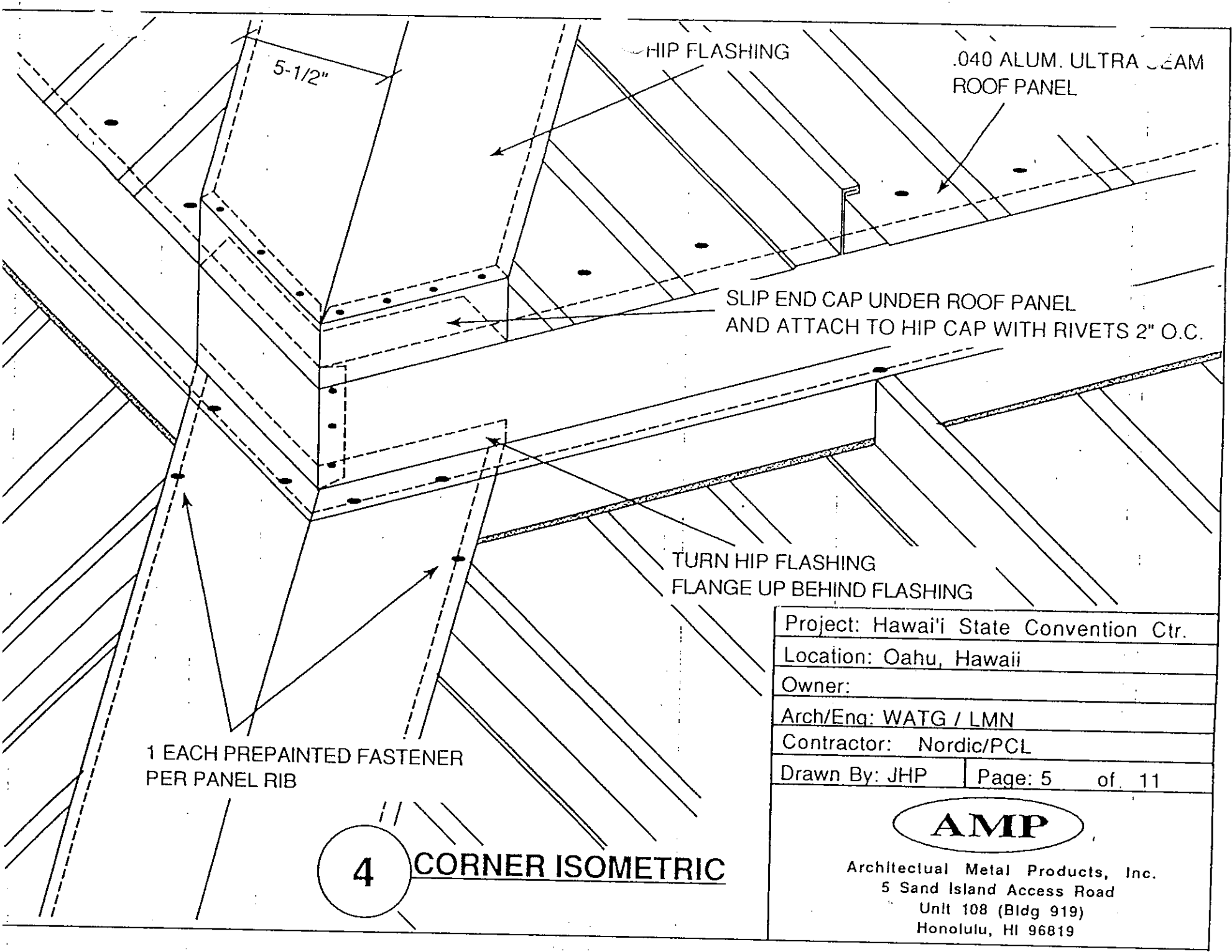
METAL DECK (BY OTHERS)

Project: Hawai'i State Convention Ctr.	
Location: Oahu, Hawaii	
Owner:	
Arch/Eng: WATG / LMN	
Contractor: Nordic/PCL	
Drawn By: JHP	Page: 4 of 11

**3** TYPICAL RIDGE/HIP DETAIL



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5-1/2"

HIP FLASHING

.040 ALUM. ULTRA SEAM  
ROOF PANEL


SLIP END CAP UNDER ROOF PANEL  
AND ATTACH TO HIP CAP WITH RIVETS 2" O.C.

TURN HIP FLASHING  
FLANGE UP BEHIND FLASHING

1 EACH PREPAINTED FASTENER  
PER PANEL RIB

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**CORNER ISOMETRIC**

Project: Hawai'i State Convention Ctr.	
Location: Oahu, Hawaii	
Owner:	
Arch/Eng: WATG / LMN	
Contractor: Nordic/PCL	
Drawn By: JHP	Page: 5 of 11
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CONCEALED "FIXED" CLIPS  
FASTENED TO METAL DECK  
WITH 2 EACH #8 SCREWS  
AND SPACED AT 3'-3" O.C. MAX.  
INSTALL 4 "FIXED" CLIPS ON  
PANELS BELOW GUTTER.

.040 ALUM. ULTRA SEAM  
ROOF PANEL ON FELT PAPER

SEE NOTE ON  
DETAIL #1

2 ROWS OF CONT. SEALANT  
UNDER PANEL AND UP BETWEEN  
PANEL RIBS

METAL DECKING  
(BY OTHERS)

FELT PAPER UNDER ROOF PANEL  
AT AREA BELOW GUTTER ONLY

CONCEALED "FIXED" CLIP  
NOT SHOWN FOR CLARITY

3 EACH #12 X 1" PREPAINTED  
FASTENERS PER PANEL

CONT. EAVE  
FLASHING

SOFFIT FRAMING  
AND PLASTER  
(BY OTHERS)

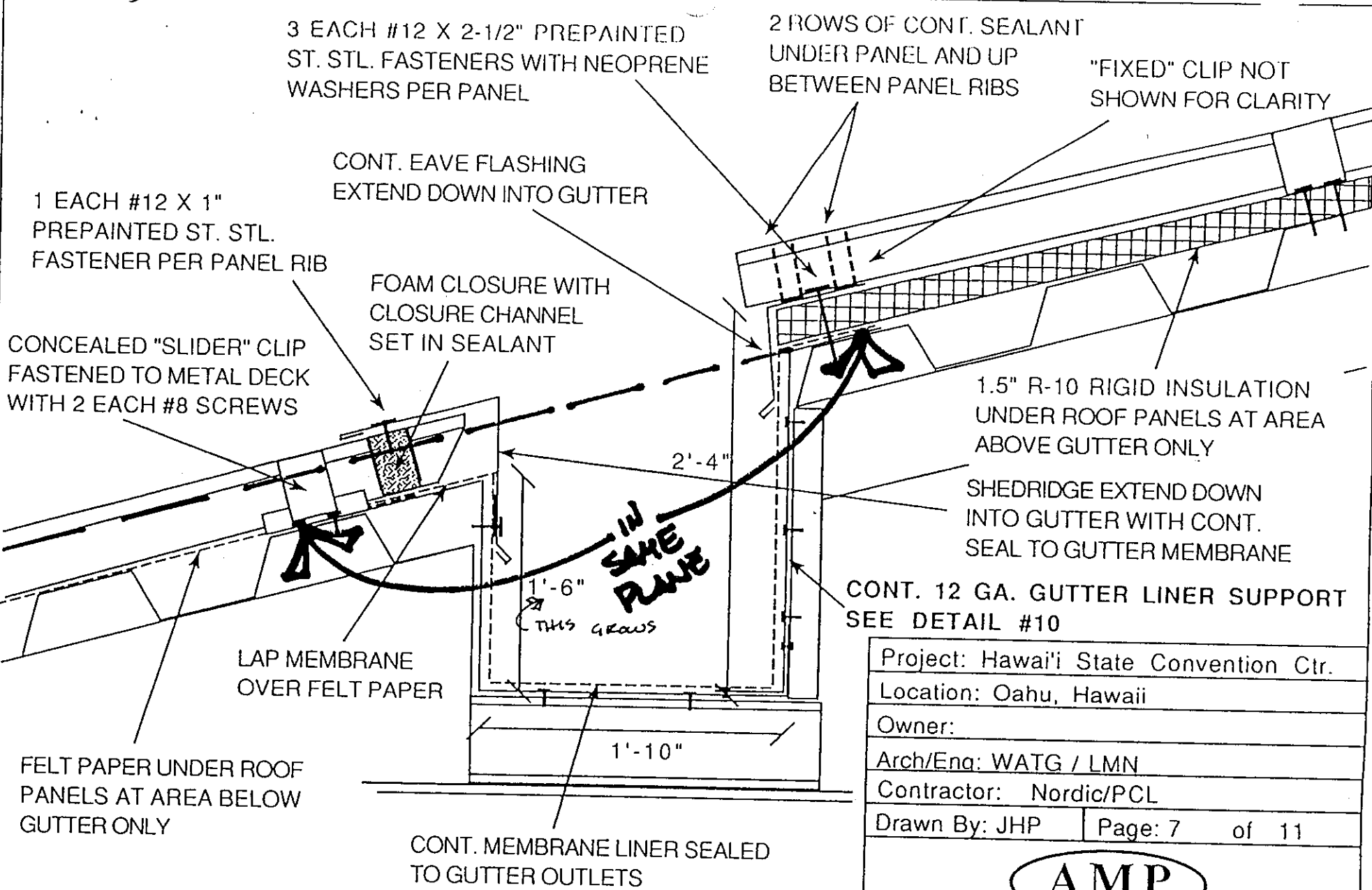
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Contractor: Nordic/PCL	
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**5 EAVE DETAIL**



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Location: Oahu, Hawaii	
Owner:	
Arch/Eng: WATG / LMN	
Contractor: Nordic/PCL	
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**6 GUTTER DETAIL**

3 EACH #12 X 1" PREPAINTED  
ST. STL. FASTENERS PER PANEL

2 ROWS OF CONT.  
SEALANT UNDER PANEL  
AND UP BETWEEN PANEL RIBS

3/4" OVERHANG TO  
ALLOW WATER TO DRIP  
FROM PAN, NOT DRAIN  
DOWN FACE OF FLASHING

CONT. TIER  
FLASHING

CONCEALED "SLIDING" CLIPS  
FASTENED TO METAL DECKING.  
WITH 2 EACH #8 SCREWS AND  
SPACED AT 3'-3" O.C. MAX.

RIGID INSULATION  
(R-10)

CONT. CLOSURE  
CHANNEL AND FOAM  
SET IN SEALANT

CONCEALED "FIXED"  
CLIP NOT SHOWN  
FOR CLARITY

CONT. SEALANT

TURN PANEL  
END UP

HOLD PANEL BACK FROM  
PURLIN 3/4" TO ALLOW FOR  
THERMAL MOVEMENT

CONCEALED "FIXED" CLIPS FASTENED  
TO THE FIRST 5 Z PURLINS (APPROX. 12')  
WITH 2 EACH #8 SCREWS.

EACH TIER TO BE APPROX. 25'

SEE NOTE ON  
DETAIL #1

18 GA. Z PURLIN FASTENED TO METAL  
DECK WITH 1 EACH #8 SCREW AT  
11" O.C. MAX. PURLINS TO BE  
SPACED AT 3'-0" O.C. MAX.

BATT INSULATION  
(R-10)

SWMB  
REVIEW

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### TIER FLASHING SECTION

Project: Hawai'i State Convention Ctr.	
Location: Oahu, Hawaii	
Owner:	
Arch/Eng: WATG / LMN	
Contractor: Nordic/PCL	
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2 ROWS OF CONT  
SEALANT UNDER PANEL  
AND UP BETWEEN PANEL RIBS

#12 X 1" PRRepAINTED ST. STL.  
FASTENERS WITH NEOPRENE  
WASHERS TO MATCH ROOF COLOR,  
3 EACH PER ROOF PANEL

CONCEALED "FIXED"  
CLIP NOT SHOWN  
FOR CLARITY

ULTRA SEAM STANDING  
SEAM METAL ROOFING

3/4" OVERHANG TO ALLOW  
WATER TO DRIP FROM THE  
PAN, NOT DRAIN DOWN FACE  
OF FLASHING

18 GA. PURLIN FASTENED TO METAL  
DECK WITH 1 EACH #8 SCREW  
AT 11" O.C. MAX. PURLINS  
TO BE SPACED AT  
3'-0" O.C. MAX.

CONCEALED "SLIDER" CLIP FASTENED  
TO 18 GA. PURLIN WITH 2 EACH #8  
SCREWS. PURLINS TO BE SPACED  
AT 3'-0" O.C. MAX.

6"

CONT. SEALANT

\* 5.5/12 PITCH \*

HOLD PANEL BACK FROM  
PURLIN 3/4" TO ALLOW FOR  
THERMAL MOVEMENT

\* 3.5/12 PITCH \*

\*\*CHANGE  
IN PITCH\*\*

CONT. CLOSURE CHANNEL  
AND FOAM SET IN SEALANT

BATT INSULATION  
(R-10)

METAL  
DECKING  
(BY OTHERS)

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## CHANGE IN PITCH DETAIL

Project: Hawai'i State Convention Ctr.

Location: Oahu, Hawaii

Owner:

Arch/Eng: WATG / LMN

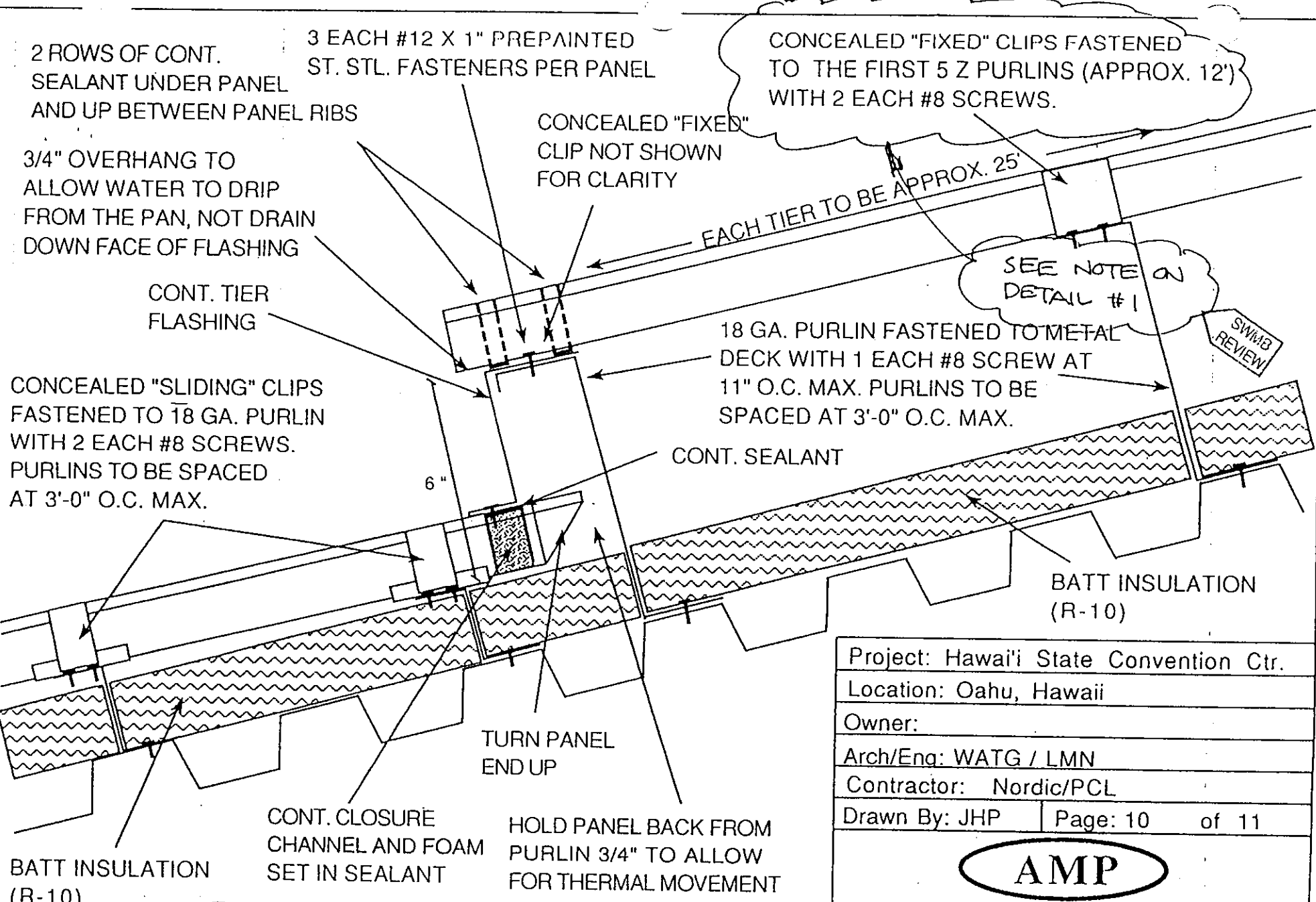
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2 ROWS OF CONT. SEALANT UNDER PANEL AND UP BETWEEN PANEL RIBS

3 EACH #12 X 1" PREPAINTED ST. STL. FASTENERS PER PANEL

CONCEALED "FIXED" CLIPS FASTENED TO THE FIRST 5 Z PURLINS (APPROX. 12') WITH 2 EACH #8 SCREWS.

CONCEALED "FIXED" CLIP NOT SHOWN FOR CLARITY

3/4" OVERHANG TO ALLOW WATER TO DRIP FROM THE PAN, NOT DRAIN DOWN FACE OF FLASHING

EACH TIER TO BE APPROX. 25'

CONT. TIER FLASHING

SEE NOTE ON DETAIL #1

SWMB REVIEW

18 GA. PURLIN FASTENED TO METAL DECK WITH 1 EACH #8 SCREW AT 11" O.C. MAX. PURLINS TO BE SPACED AT 3'-0" O.C. MAX.

CONCEALED "SLIDING" CLIPS FASTENED TO 18 GA. PURLIN WITH 2 EACH #8 SCREWS. PURLINS TO BE SPACED AT 3'-0" O.C. MAX.

CONT. SEALANT

6"

BATT INSULATION (R-10)

TURN PANEL END UP

BATT INSULATION (R-10)

CONT. CLOSURE CHANNEL AND FOAM SET IN SEALANT

HOLD PANEL BACK FROM PURLIN 3/4" TO ALLOW FOR THERMAL MOVEMENT

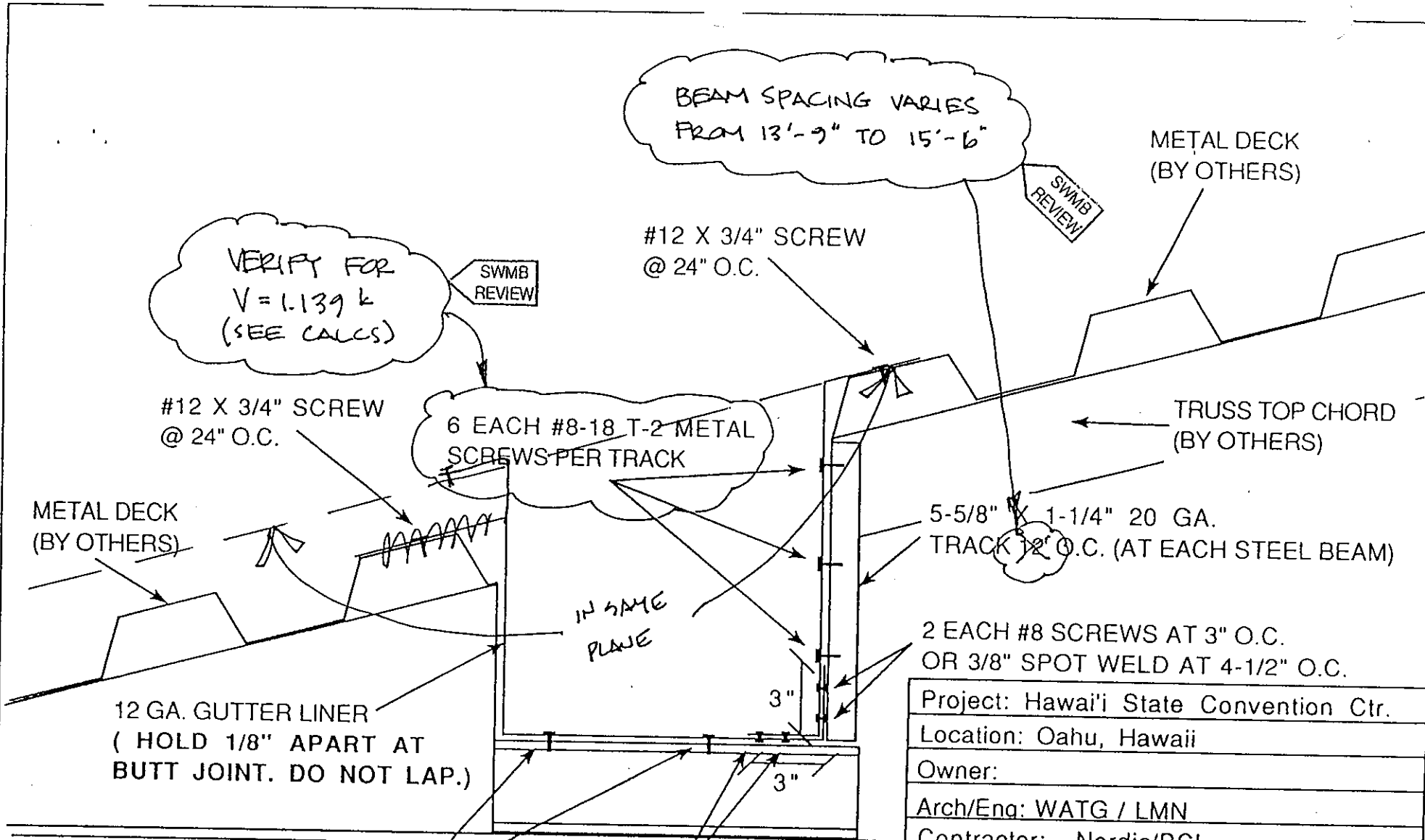
**9 TIER FLASHING SECTION**

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Contractor: Nordic/PCL		
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VERIFY FOR  
 $V = 1.139 k$   
 (SEE CALCS)

BEAM SPACING VARIES  
 FROM 13'-9" TO 15'-6"

6 EACH #8-18 T-2 METAL  
 SCREWS PER TRACK

5-5/8" X 1-1/4" 20 GA.  
 TRACK @ 24" O.C. (AT EACH STEEL BEAM)

2 EACH #8 SCREWS AT 3" O.C.  
 OR 3/8" SPOT WELD AT 4-1/2" O.C.

2 EACH #8 SCREWS AT 3" O.C.  
 OR 3/8" SPOT WELD AT 4-1/2" O.C.

2 EACH HILTI ENK 16512  
 @ EACH SIDE OF 12 GA.  
 GUTTER LINER BUTT JOINT

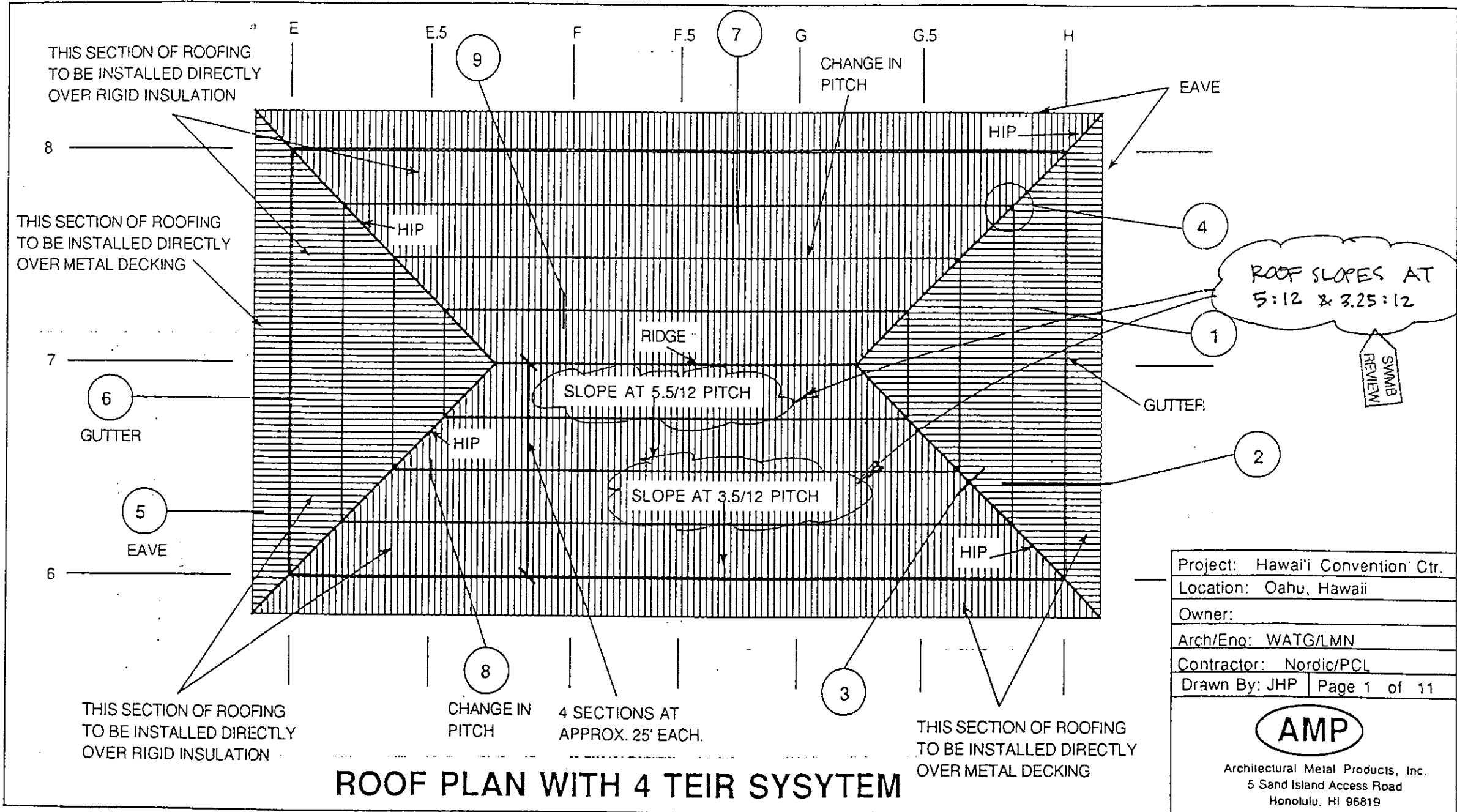
**GUTTER LINER DETAIL**

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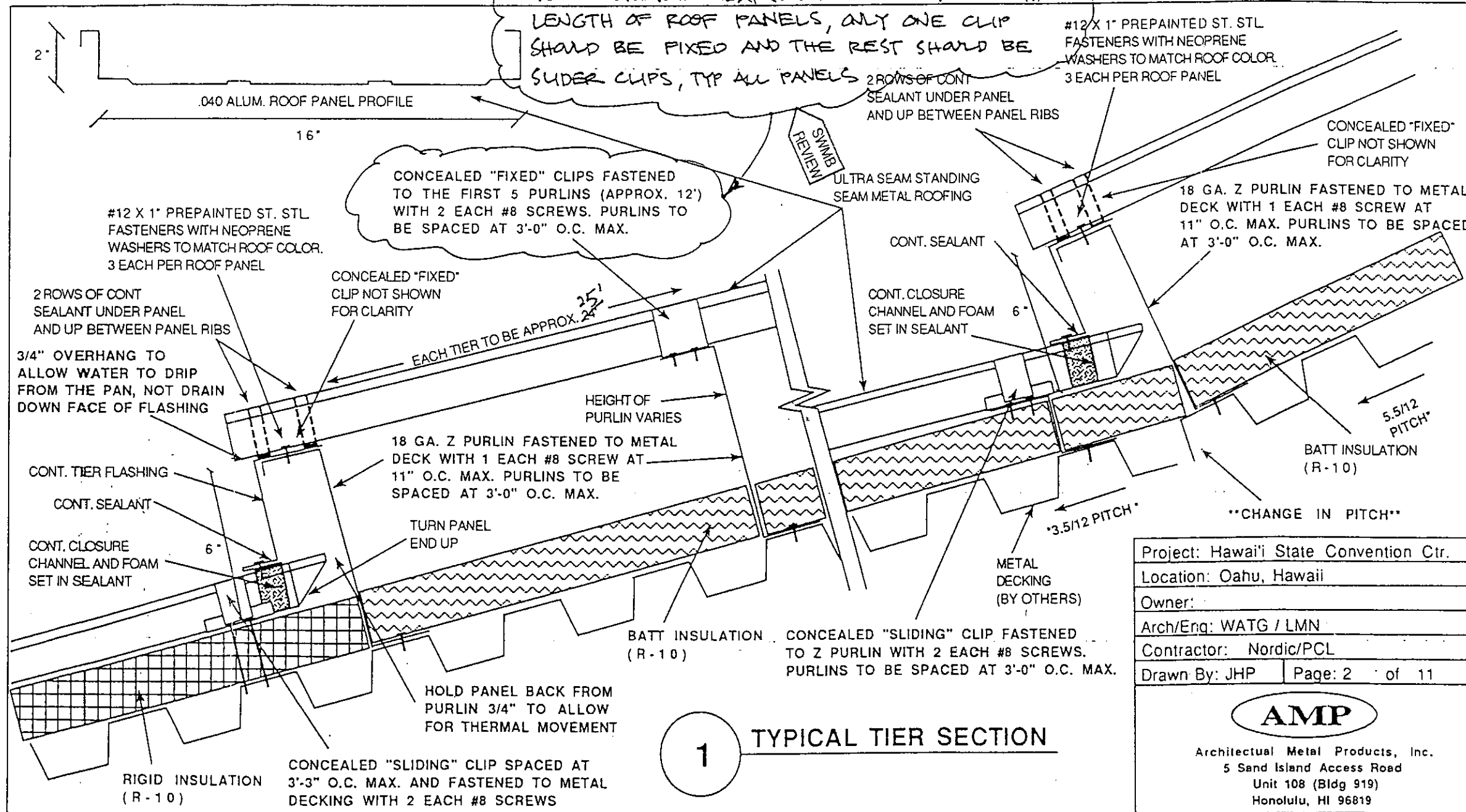


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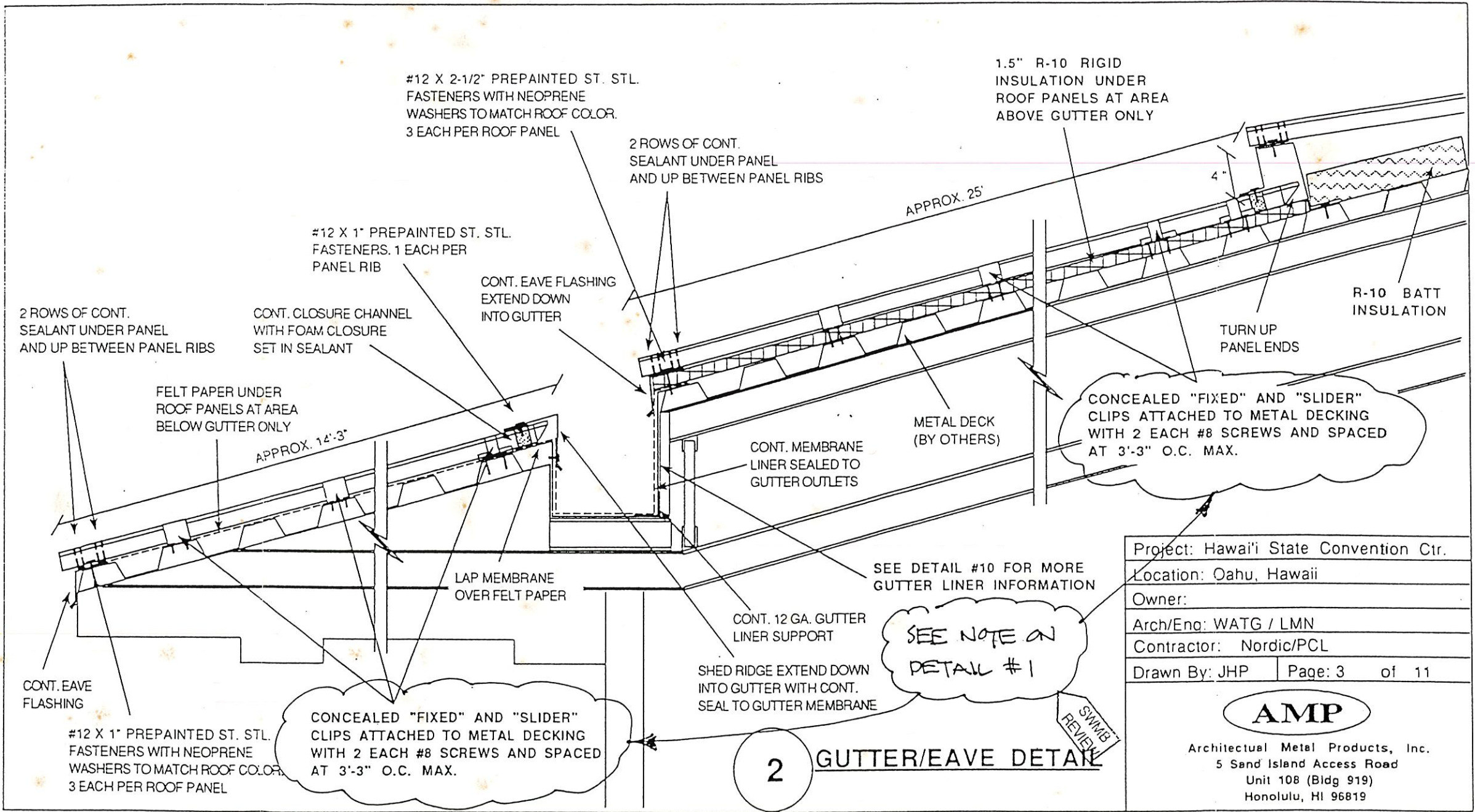
  
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