




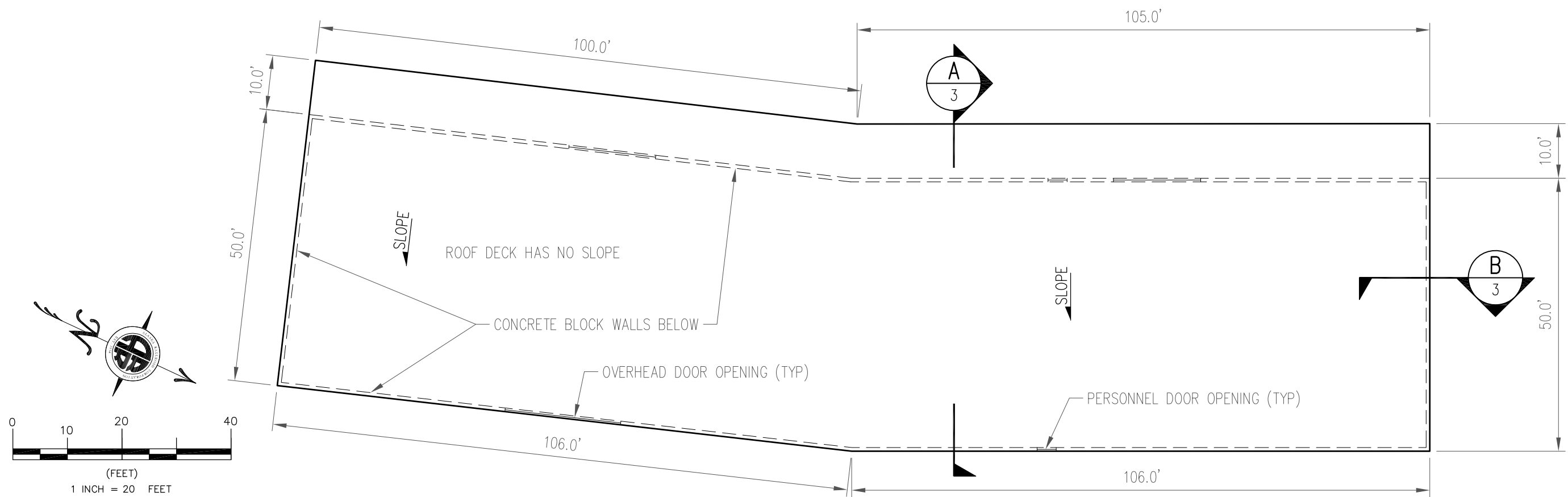
ALASKA RAILROAD CORPORATION

# 1400 WASILLA SHOPS ROAD ROOF REPAIR

MAY 2018



		
ALASKA RAILROAD CORPORATION ENGINEERING SERVICES P.O. BOX 107500, ANCHORAGE, ALASKA 99510-7500		
PROJECT : <b>WAREHOUSE ROOF REPAIR WASILLA, ALASKA</b>		
TITLE: <b>TITLE SHEET</b>		
DESIGNED BY: CDR	SCALE : AS NOTED	AFE NO.:
DRAWN BY: DxD	DATE : 5/21/2018	ACAD FILE:
CHECKED BY: CDR		DWG NO. <b>1</b> OF <b>3</b>
APPROVED BY: CDR		



### ROOF PLAN

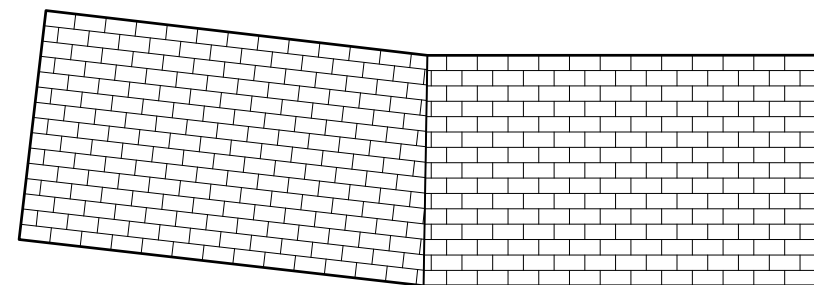
SCALE: 1" = 20'

#### EXISTING & DEMOLITION NOTES

1. REMOVE ENTIRE EXISTING ROOF VAPOR BARRIER ALL COUNTERFLASHING, FLASHING AND 2x4 BLOCKING. EXISTING ROOFING CONSISTS OF SINGLE PLY IMPREGNATED FELT VAPOR BARRIER WITH HOT-MOPPED ASPHALT.
2. ROOF DECK NEED NOT BE COVERED TO PREVENT ROOF LEAKS DURING CONSTRUCTION. HOWEVER, PROTECT ALL ELECTRICAL EQUIPMENT INSIDE THE BUILDING (LIGHTS, HEATING EQUIPMENT AND ELECTRICAL BOXES & PANELS, ETC) FROM DRIPS WITH TEMPORARY WATERPROOF BARRIERS SUCH AS VISQUEEN. THE ROOF DECK SHALL BE DRY WHEN NEW INSULATION AND OR ADHESIVE IS INSTALLED ON IT.
3. REMOVE ANY ROTTED PLANKS FROM THE EXISTING DECK. THIS IS UNIT PRICE WORK COVERED UNDER ITEM 1 OF THE BID SCHEDULE.
4. ROOF HEIGHT IS APPROXIMATELY 25' ABOVE SURROUNDING GROUND ELEVATION. EXISTING ROOF DECK HAS NO SLOPE AND IS MADE OF 2x6 TONGUE AND GROOVE PLANKS RUNNING PERPENDICULAR TO GLULAM ROOF BEAMS.

#### SAFETY NOTES

1. ALL CONTRACTOR PERSONNEL AND EQUIPMENT SHALL REMAIN AT LEAST 20' AWAY FROM ALL RAILROAD TRACKS AT ALL TIMES, EXCEPT WHEN ENTERING AND EXITING THE SITE USING THE DRIVEWAY CROSSING.
2. MANDATORY MINIMUM PERSONAL PROTECTIVE EQUIPMENT (PPE):  
ALL CONTRACTOR PERSONNEL SHALL AT ALL TIMES WEAR AT LEAST:  
HARD HATS  
SAFETY GLASSES  
SAFETY TOE WORK BOOTS  
REFLECTIVE VESTS
3. CONTRACTOR SHALL HAVE AND COMPLY WITH AN OSHA APPROVED FALL PROTECTION PLAN AT ALL TIMES.
4. ALL WORKERS SHALL ATTEND A PRE-CONSTRUCTION SAFETY MEETING WITH ALASKA RAILROAD.




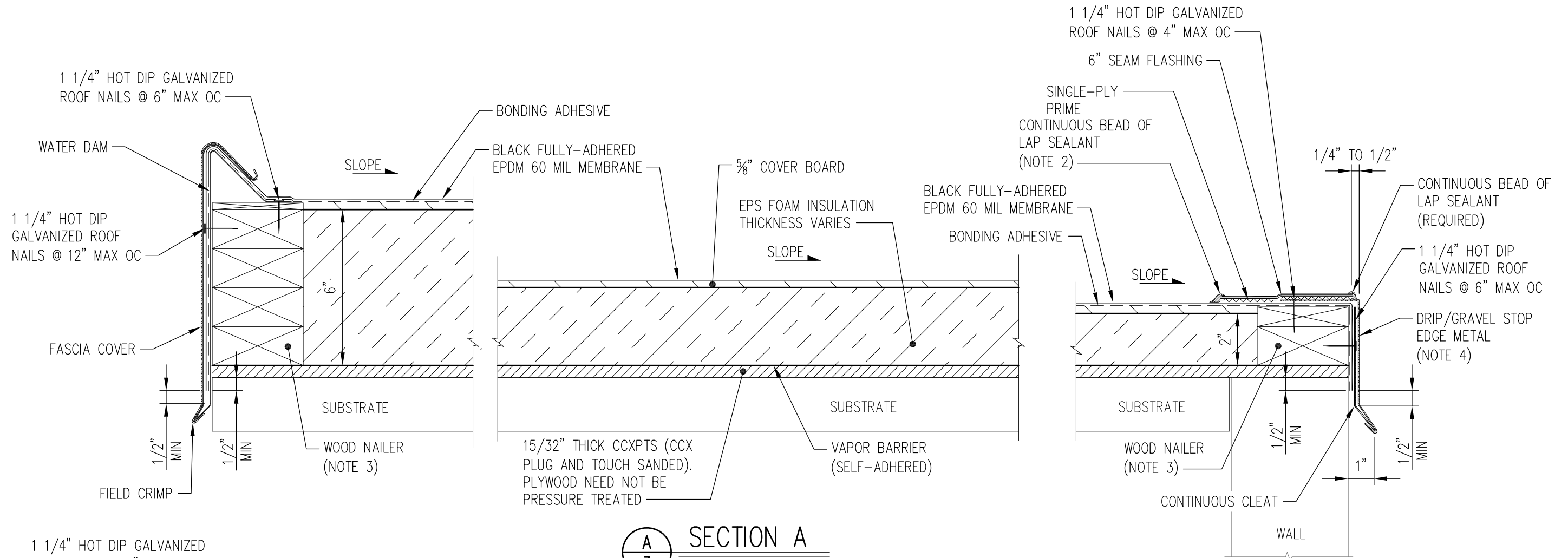
### PLYWOOD PANEL LAYOUT

SCALE: 1" = 50'

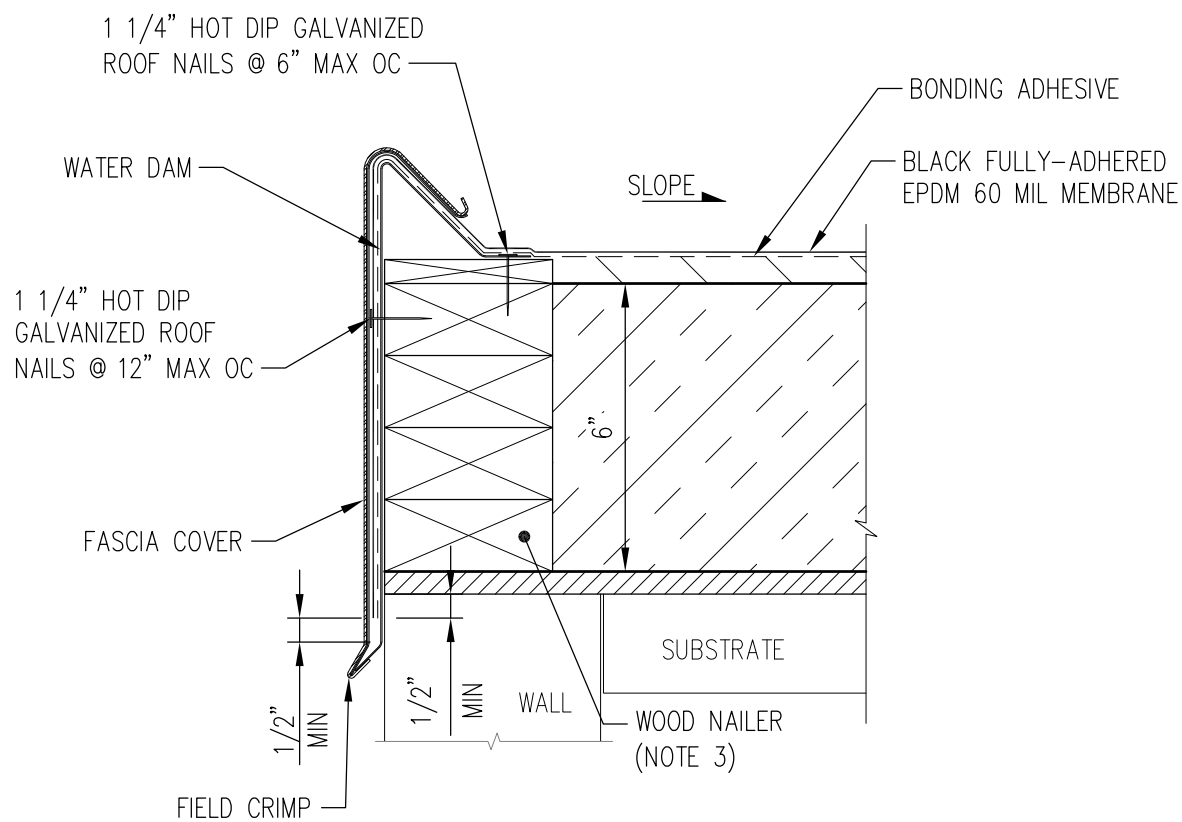
#### NEW WORK NOTES

1. INSTALL NEW DECK SHEATHING, INSULATION AND ROOF MEMBRANE AS SHOWN ON DRAWING 3.
2. INSTALL NEW FLASHING AND COUNTER FLASHING, ETC, AS SHOWN ON DRAWING 3.
3. REPLACE PLANKS REMOVED FROM THE EXISTING DECK. THIS IS PART OF UNIT PRICE WORK COVERED UNDER ITEM ONE OF THE BID SCHEDULE.
4. COAT CUT ENDS OF GLULAM BEAMS WITH WATERPROOFING SEALANT.

 <b>ALASKA RAILROAD CORPORATION</b> ENGINEERING SERVICES P.O. BOX 107500, ANCHORAGE, ALASKA 99510-7500		
PROJECT :		
<b>WAREHOUSE ROOF REPAIR WASILLA, ALASKA</b>		
TITLE:		
<b>ROOF PLAN</b>		
DESIGNED BY: CDR	SCALE : AS NOTED	AFE NO.:
DRAWN BY: DxD	DATE : 5/21/2018	ACAD FILE:
CHECKED BY: CDR		DWG NO. <b>2</b> OF <b>3</b>
APPROVED BY: CDR		




**A**  
3 SECTION A  
SCALE: 3" = 1'-0"



**B**  
3 SECTION B  
SCALE: 3" = 1'-0"

**NOTES**

1. INSTALL METAL WORK TO MANUFACTURE'S REQUIREMENTS OR SMACNA RECOMMENDATIONS. IF SHOP FABRICATED METAL EDGE IS USED IT MUST MEET ANSI/SPRI ES-1 OR A FM STANDARD.
2. LAP SEALANT IS REQUIRED ALONG ENTIRE UPSLOPE EDGE OF SEAM FLASHING.
3. WOOD NAILER MUST BE INSTALLED TO MEET APPLICABLE BUILDING CODES OR 200 LBS PER LINEAR FOOT MINIMUM IN ANY GIVEN DIRECTION.
4. FLANGE METAL MUST BE FULLY SUPPORTED BY WOOD AND TERMINATED AT LEAST 1/2" FROM EDGE OF WOOD.
5. IF THE FLANGE OF THE METAL GUTTER IS NOT COMPLETELY COVERED WITH SEAM FLASHING, THEN AN ADDITIONAL PIECE OF SEAM FLASHING SHALL BE INSTALLED AT ALL METAL SPLICES.
6. PROVIDE 100 MPH WIND WARRANTY FOR ROOFING (15 YEAR).
7. FASTENERS USED TO SECURE PLYWOOD AND ROOFING MATERIALS ARE NOT TO PENETRATE THROUGH T&G ROOF DECK TO INTERIOR OF BUILDING.

 <b>ALASKA RAILROAD CORPORATION</b> ENGINEERING SERVICES P.O. BOX 107500, ANCHORAGE, ALASKA 99510-7500		
PROJECT :		
<b>WAREHOUSE ROOF REPAIR WASILLA, ALASKA</b>		
TITLE:		
<b>SECTIONS</b>		
DESIGNED BY: CDR	SCALE : AS NOTED	AFE NO.:
DRAWN BY: DxD	DATE : 5/21/2018	ACAD FILE:
CHECKED BY: CDR		DWG NO.
APPROVED BY: CDR		<b>3</b> OF <b>3</b>