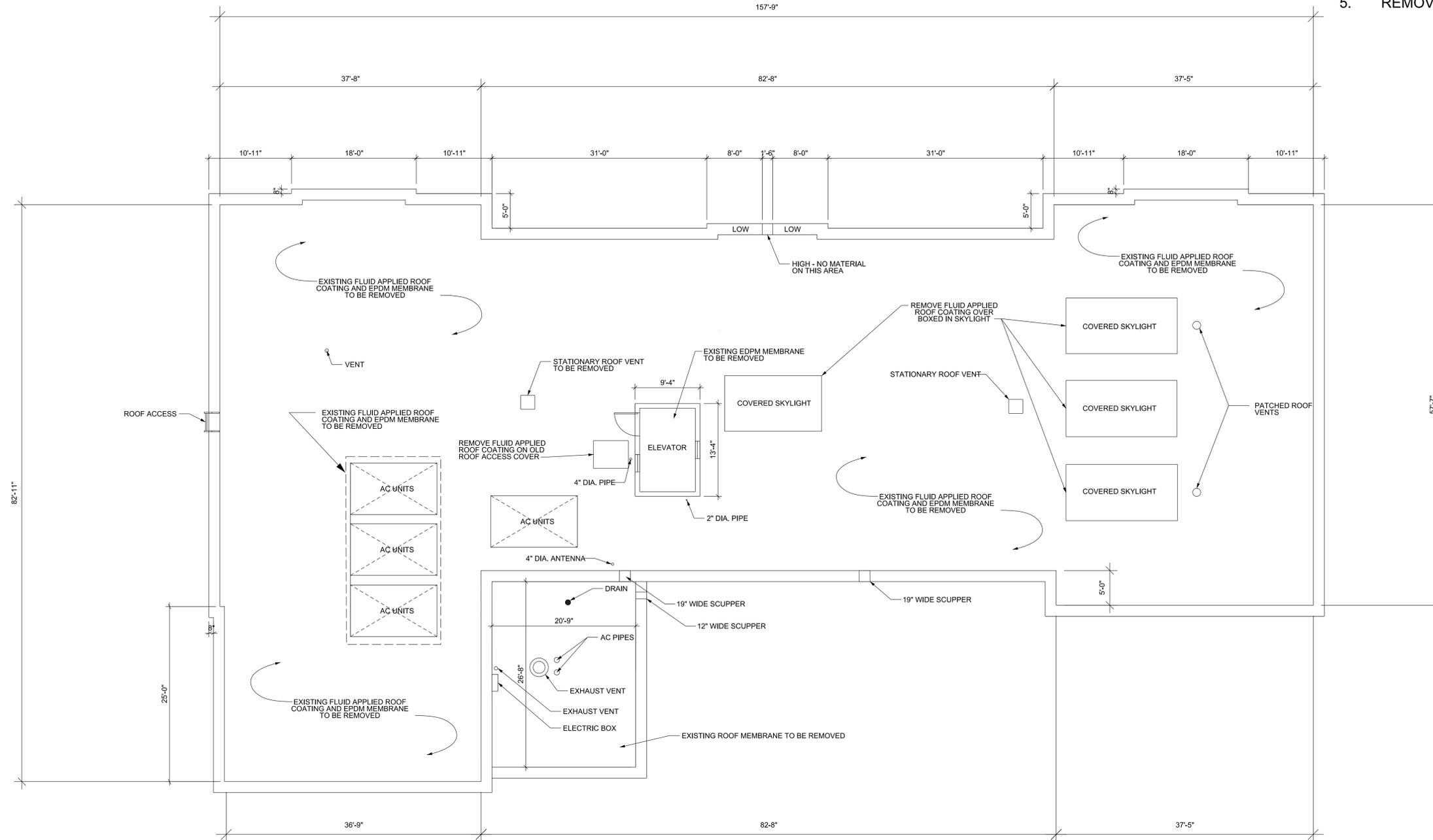


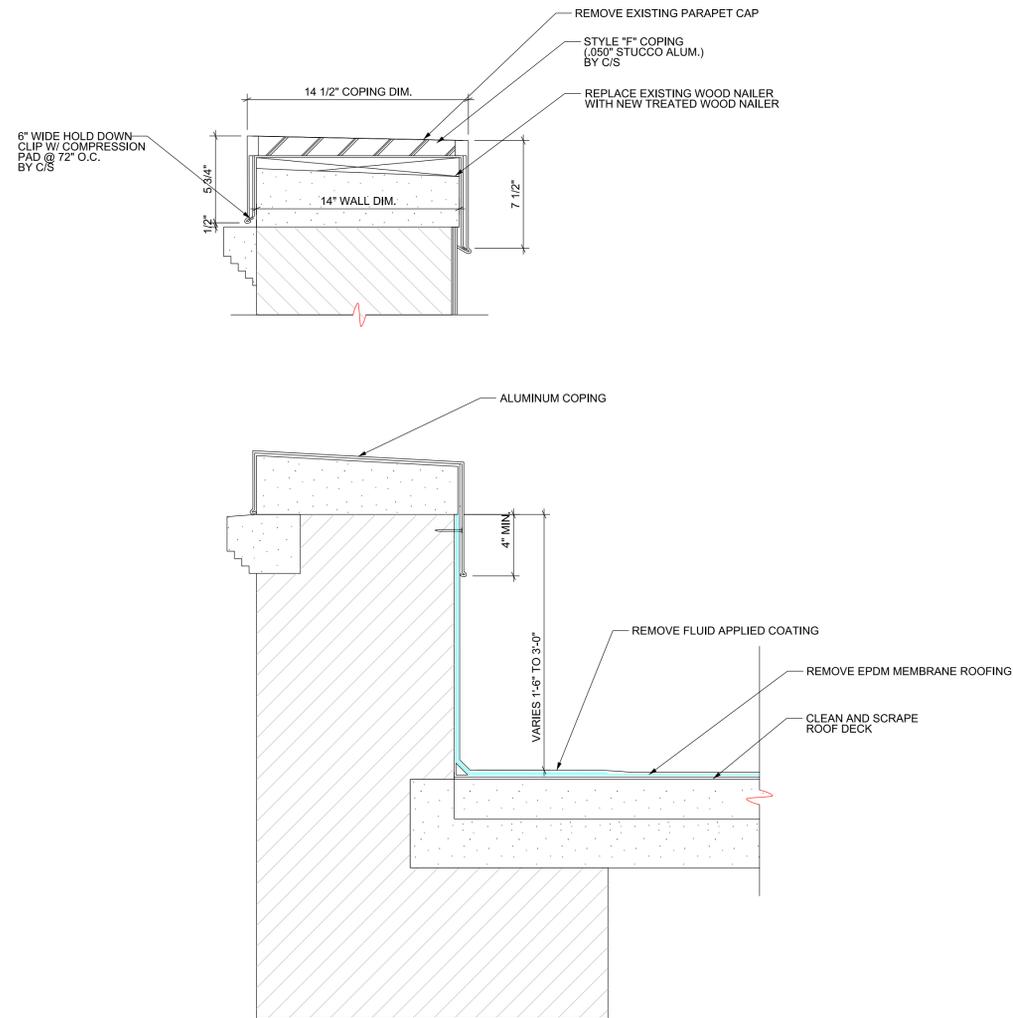
DEMOLITION NOTES

1. IOWA DOT WILL REMOVE WIRING TO ANTENNA.
2. CONTRACTOR TO REMOVE PIPE VIBRATION SUPPORTS OFF HVAC PIPING AND KEEP FOR REINSTALLATION.
3. EXISTING HVAC EQUIPMENT TO REMAIN IN PLACE DURING CONSTRUCTION.
4. STRIP EXISTING FLUID APPLIED ROOFING AND MEMBRANE ROOFING TO PRECAST ROOF DECK.
5. REMOVE METAL PARAPET CAP.



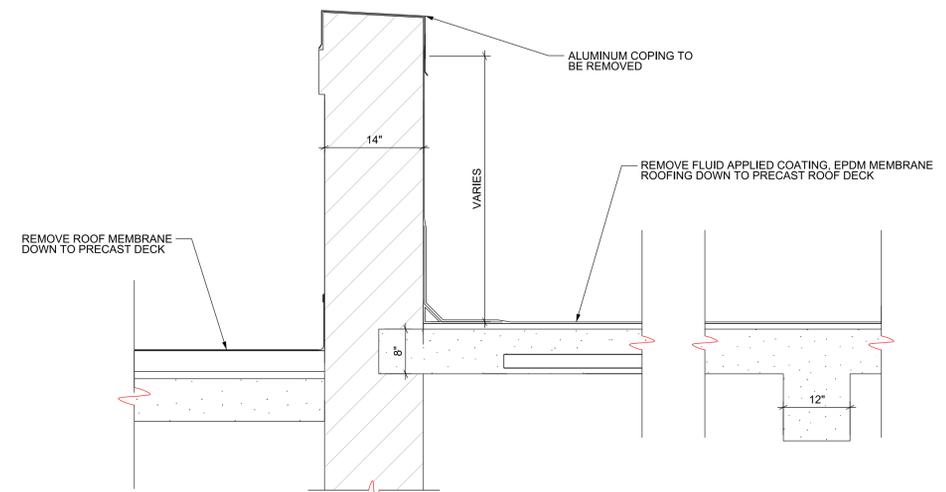
ROOF DEMOLITION PLAN
SCALE: 1/8" = 1'-0"

DISTRICT: 01	COUNTY: STORY	PROJECT NUMBER: BG-3A13(034)-80-85
AMES, IOWA		
HIGHWAY MAINTENANCE GARAGE		
ROOF DEMOLITION PLAN		
IOWA DOT <small>SMARTER SIMPLER CUSTOMER DRIVEN</small> <small>OFFICE OF SUPPORT SERVICES</small> <small>800 LINCOLN WAY</small> <small>AMES, IOWA 50010 (515)235-1299</small>		
DATE: 01 OCT 2015		
DRAWN BY: K KOCH		
APPROVED: J BURNES		
REVISIONS: 11-18-2015		
01 SHEET OF 05		
D-1R		



ROOF DETAIL SECTION

SCALE: 1" = 1'-0"



ROOF DETAIL SECTION

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

DISTRICT: 01
 COUNTY: STORY
 PROJECT NUMBER: BG-3A13(034)-80-85

AMES, IOWA
 HIGHWAY MAINTENANCE GARAGE
 EXISTING ROOF DETAILS - DEMOLITION

IOWADOT
 SMARTER | SIMPLER | CUSTOMER DRIVEN
 OFFICE OF SUPPORT SERVICES
 800 LINCOLN WAY
 AMES, IOWA 50010 (515)231-1298

DATE: 01 OCT 2015
 DRAWN BY: K KOCH
 APPROVED: J BURNES
 REVISIONS: 11-18-2015

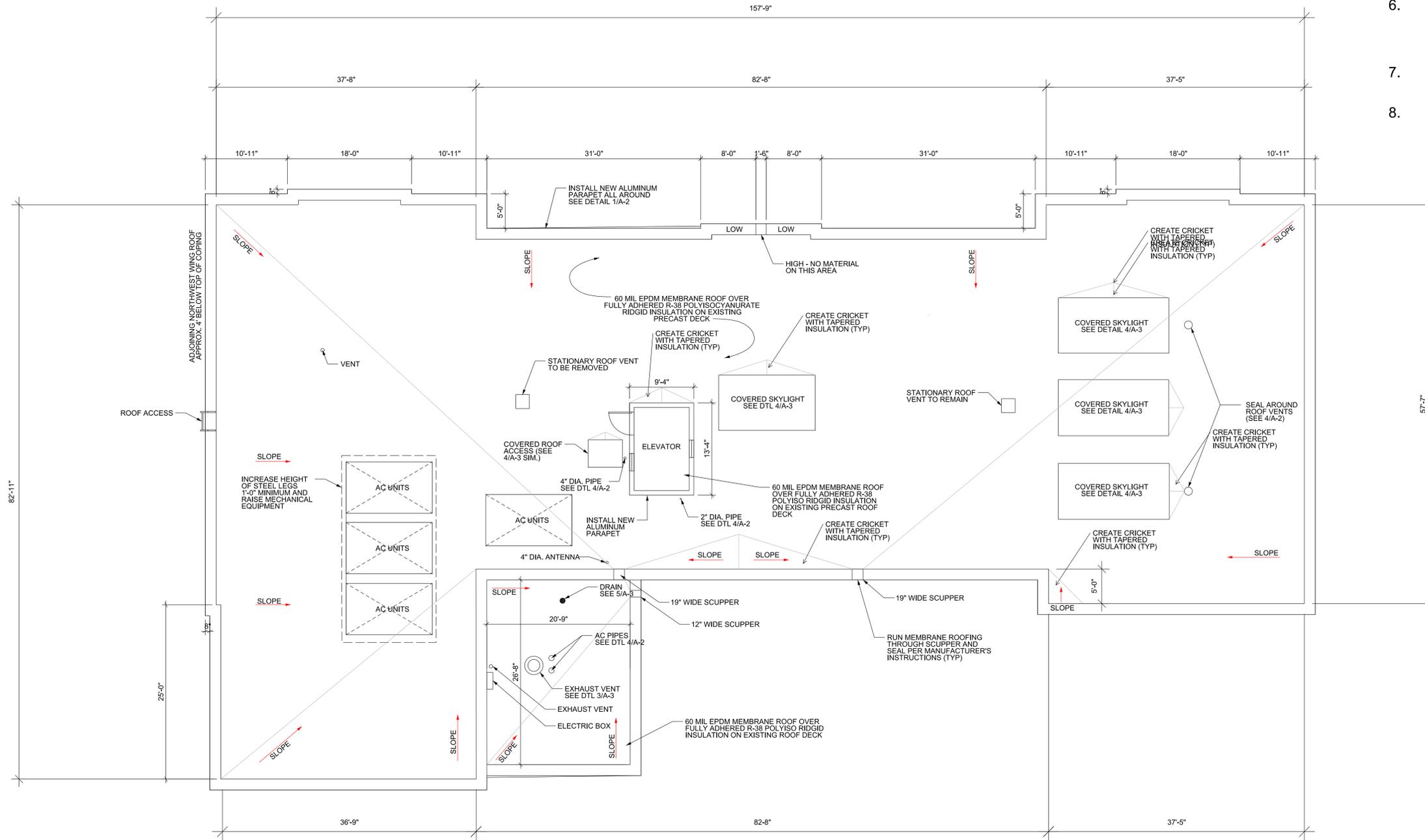
02 SHEET 05
 OF
 D-2R

NOTES FOR PARAPET WALL

1. INSTALL NEW TREATED WOOD CAP OVER EXISTING STONE CAP.
2. INSTALL NEW ALUMINUM CAP OVER PARAPET.
3. CAULK AND SEAL JOINTS IN ALUMINUM PARAPET CAP.

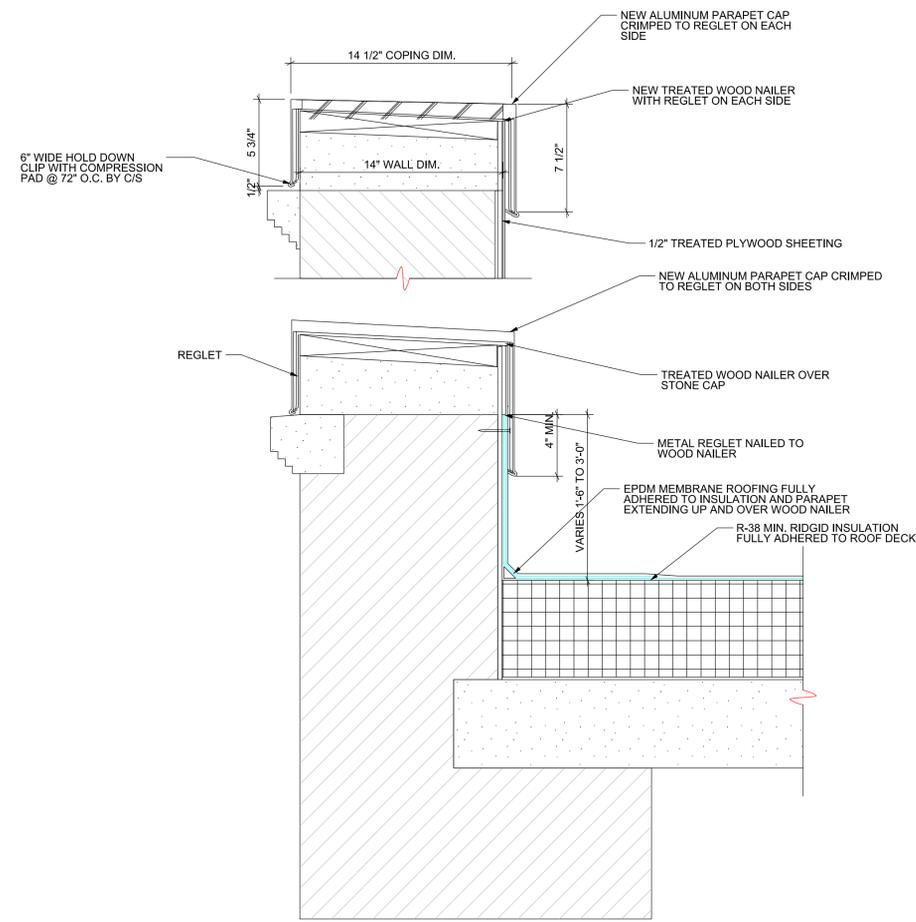
NOTES FOR ROOFING

1. FULLY ADHERE R-38 POLYISOCYANURATE RIDGID INSULATION ON EXISTING ROOF DECK
2. INSULATE TIGHT AROUND HVAC EQUIPMENT SUPPORTS AND LEGS
3. INSULATE TIGHT AROUND PIPE PENETRATIONS, EXHAUST FAN CURBS STOPS, AND RAISED SKYLIGHT COVERS
4. INSTALL 1" CONDUIT IN RIDGID INSULATION FOR RUNNING WIRING TO ANTENNA THAT ARE CURRENTLY RUN ACROSS THE ROOF
5. INSTALL MEMBRANE ROOFING OVER RAISED COVERED SKYLIGHTS AND COVERED ROOF ACCESS
6. SEAL AROUND ALL PIPE PENETRATIONS, HVAC SUPPORT LEGS, AND EXHAUST FANS WITH LIQUID MEMBRANE PER EPDM ROOF MANUFACTURER'S INSTRUCTIONS
7. REINSTALL HVAC PIPE VIBRATION FEET TO NEW ROOF
8. CONTRACTOR TO COORDINATE WITH: DATA POWER TECHNOLOGY, 10202 DOUGLAS AVE, URBANDALE, IA 50322; PHONE: 515-471-1938 ON RAISING HVAC EQUIPMENT TO INSTALL R-38 INSULATION

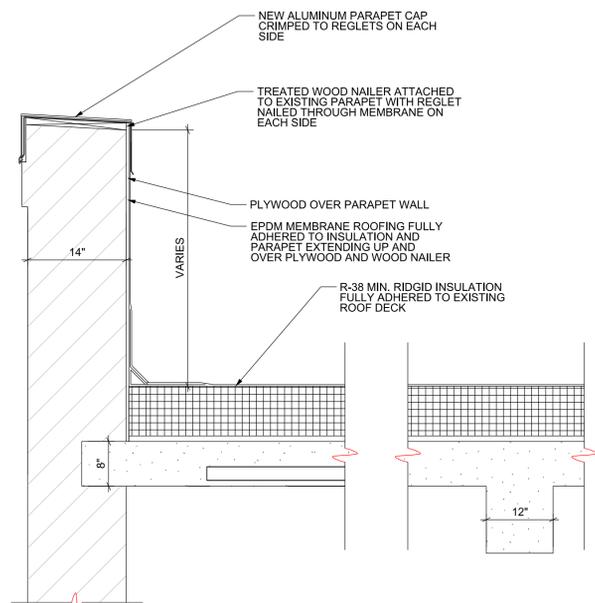


ROOF PLAN
SCALE: 1/8" = 1'-0"

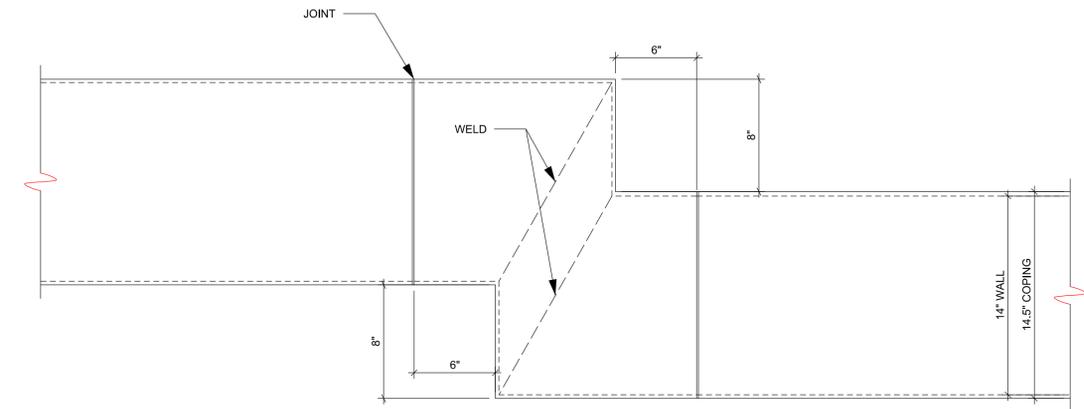
DISTRICT:	01
COUNTY:	STORY
CITY:	AMES, IOWA
PROJECT NUMBER:	BG-3A13(034)-80-85
HIGHWAY MAINTENANCE GARAGE	
ROOF PLAN	
<p>SMARTER SIMPLER CUSTOMER DRIVEN OFFICE OF SUPPORT SERVICES 800 LINCOLN WAY AMES, IOWA 50010 (515)235-1299</p>	
DATE:	01 OCT 2015
DRAWN BY:	K KOCH
APPROVED:	J BURNES
REVISIONS:	11-18-2015
03 SHEET OF 05	
A-1R	



1
A-2
ROOF DETAIL SECTION
SCALE: 1" = 1'-0"

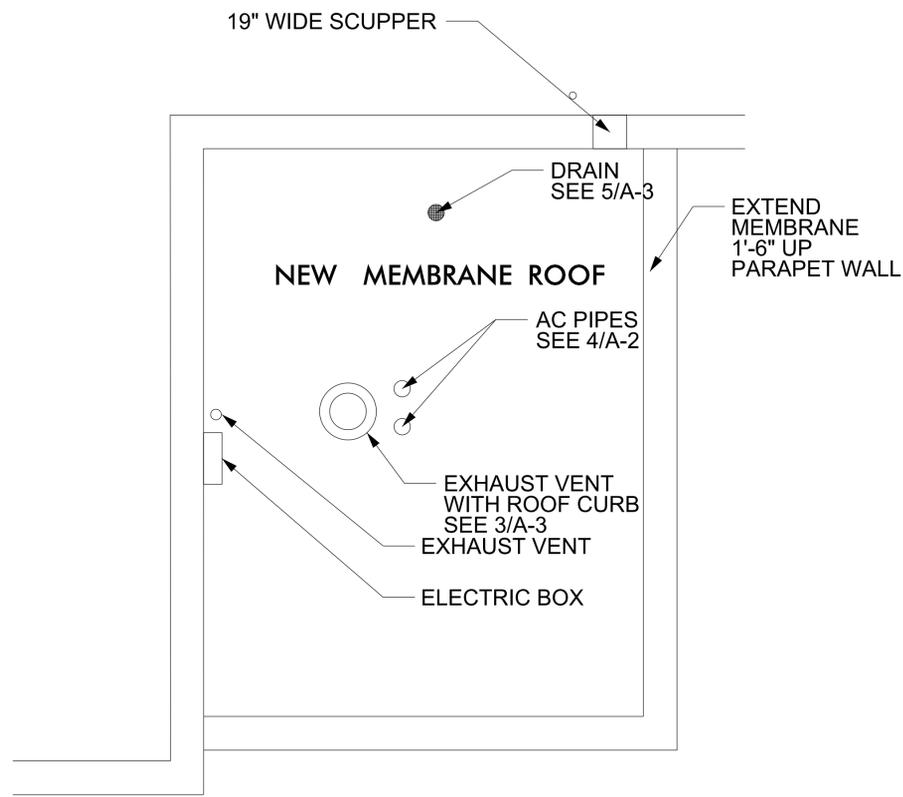


3
A-2
ROOF DETAIL SECTION
SCALE: 1/2" = 1'-0"



2
A-2
ALUMINUM CAP CORNER DETAIL
SCALE: 1" = 1'-0"

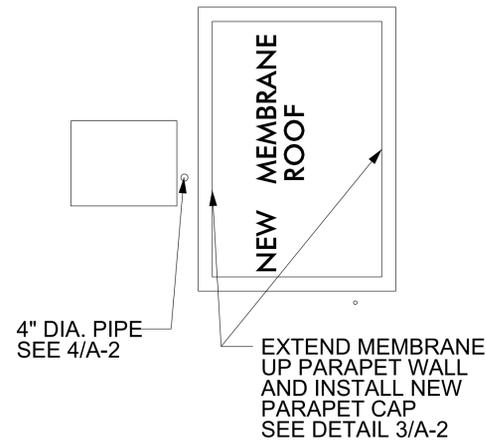




1
A-3

ENLARGED MECH. ROOF

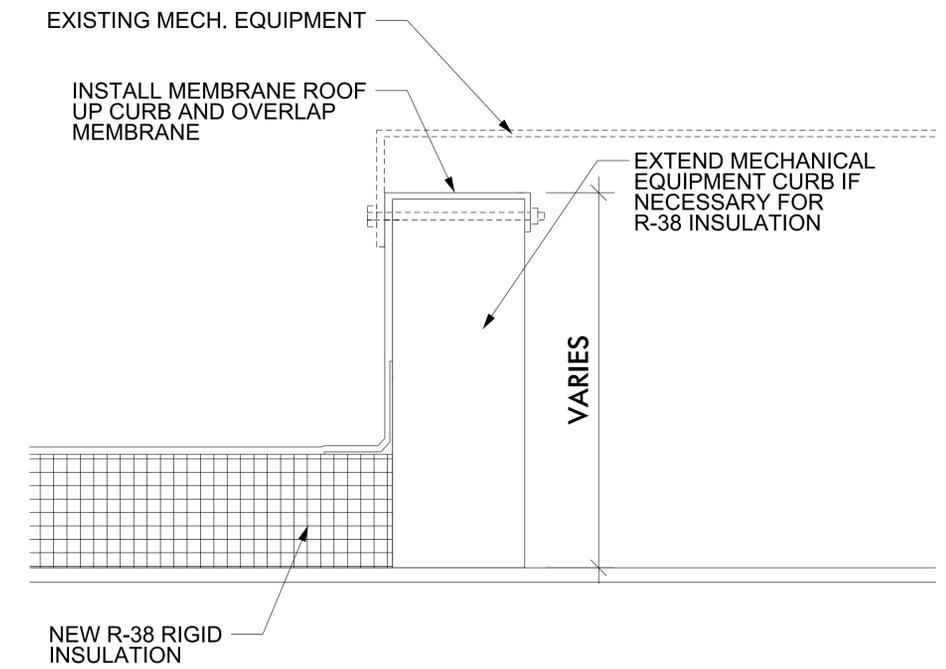
SCALE: _____ NTS



2
A-3

ENLARGED ELEVATOR PENTHOUSE ROOF

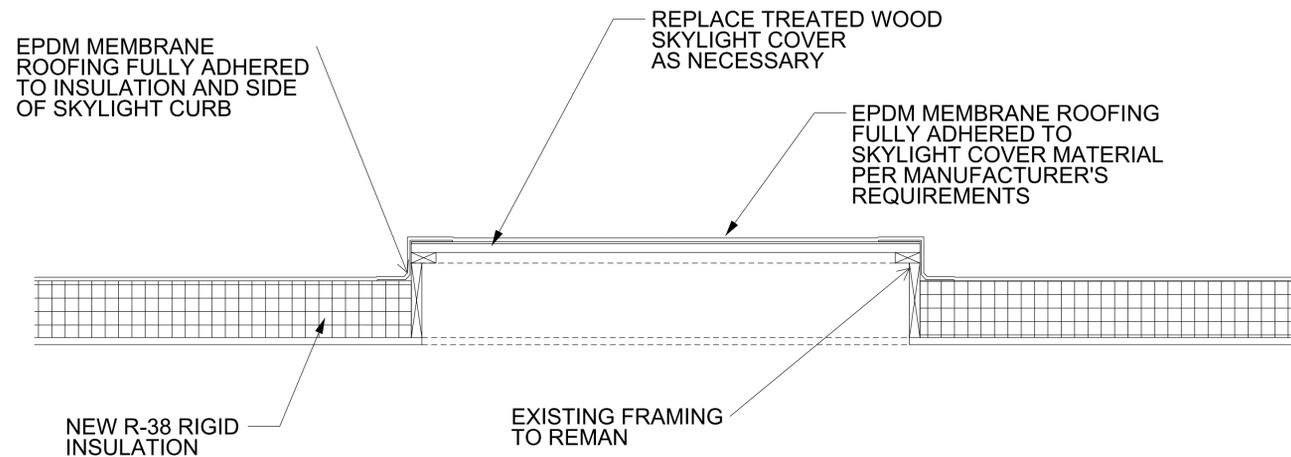
SCALE: _____ NTS



3
A-3

ROOF CURB DETAIL

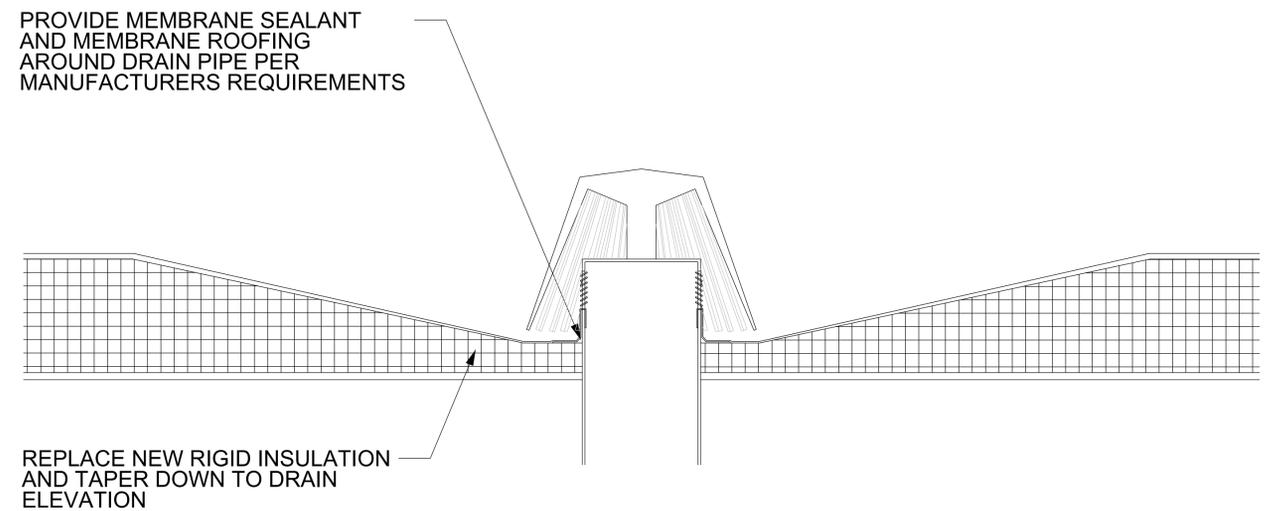
SCALE: _____ NTS



4
A-3

COVERED SKYLIGHT DETAIL

SCALE: _____ NTS



5
A-3

ROOF DRAIN DETAIL

SCALE: _____ NTS

DISTRICT: 01

COUNTY: STORY

PROJECT NUMBER: BG-3A13(034)-80-85

HIGHWAY MAINTENANCE GARAGE

AMES, IOWA

MECHANICAL ROOF PLAN, ELEVATOR PENTHOUSE ROOF PLAN & ROOF DETAILS

IOWADOT

SMARTER · SIMPLER · CUSTOMER DRIVEN

OFFICE OF SUPPORT SERVICES

800 LINCOLN WAY

AMES, IOWA 50010 (515)231-1298

DATE: 01 OCT 2015

DRAWN BY:

APPROVED: J BURNES

REVISIONS: 11-18-2015

05 SHEET 05

A-3R