

FILE: C:\Users\cdbeal\Dropbox\CAD Files\WSU_SW_2023\Hamilton Roof.dwg PLOT DATE: August 17, 2015, 11:30 AM ORIGINAL PAPER SIZE: 22" x 34"

HAMILTON HALL

PROSSER HAMILTON LAB BLDG. ROOF REPLACEMENT

Washington State University

Department of Capital Planning and Development

Pullman, Washington

SYMBOLS & GRAPHICS

1

A

GRID LINES

A2

A-201

A1

INTERIOR ELEVATIONS FOUND ON SHEET A-2

A4

A-201

SECTION A4 FOUND ON SHEET A-201

A1

A-101

DETAIL A1 FOUND ON SHEET A-101

1

CONSTRUCTION NOTE

1

WALL TYPE INDICATOR

1

WINDOW TYPE INDICATOR

1

DOOR NUMBER AND/OR TYPE

ROOM NAME

101

ROOM NAME AND NUMBER

1

DRAWING REVISION 1

NEW WALL

EARTH

CRUSHED ROCK

CONCRETE

CONCRETE MASONRY UNIT

METAL

WOOD FRAMING

PLYWOOD

BATT/LOOSE FILL INSULATION

RIGID INSULATION

CERAMIC TILE

FINISH WOOD

CARPET

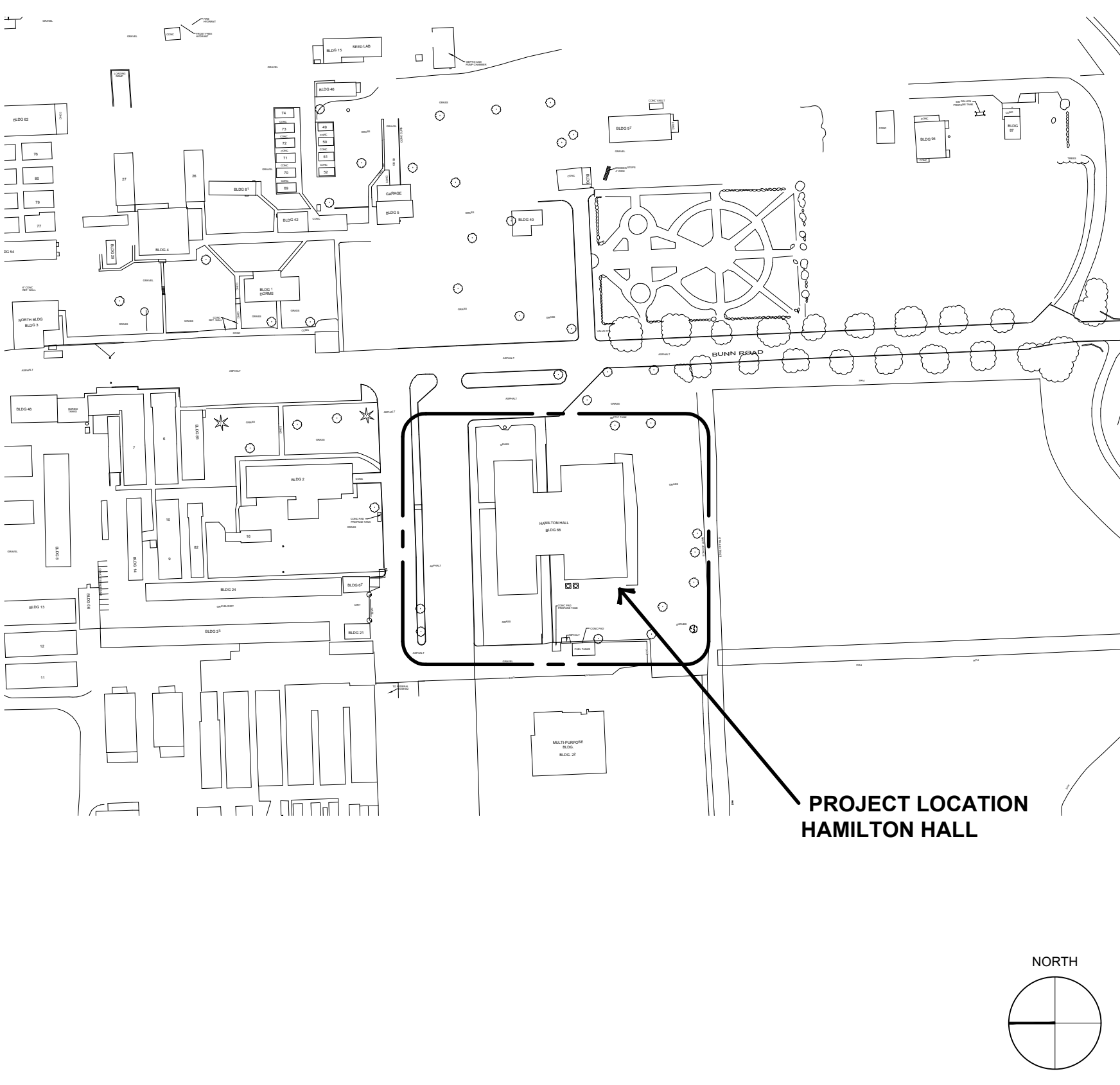
GAS

EXISTNG COMM-LINE

ELECTRICAL UTILITIES

EXISTING CONSTRUCTION TO BE REMOVED

LOCATION MAP



GENERAL NOTES

- THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO EXECUTING ANY WORK AND SHALL NOTIFY THE DEPARTMENT OF CAPITAL PLANNING AND DEVELOPMENT IN WRITING OF ANYTHING DIFFERING FROM THAT SHOWN ON THE DRAWINGS. FAILURE TO DO SO WILL CONSTITUTE THE CONTRACTOR'S ACCEPTANCE OF THE WORK AS SHOWN.
- ALL WORK SHALL COMPLY WITH 2018 IBC AND STATE OF WASHINGTON, CITY OF PROSSER AND WSU CODES AND ORDINANCES.
- DO NOT SCALE DRAWINGS; WRITTEN DIMENSIONS SHALL PREVAIL.
- THE CONTRACTOR SHALL OBTAIN ALL PERMITS REQUIRED PRIOR TO ANY PHASE OF CONSTRUCTION. FEES AND ANY RELATED COSTS ARE THE RESPONSIBILITY OF THE CONTRACTOR.
- EXISTING BUILDINGS, UTILITIES, ETC. OR PORTIONS THEREOF, WHICH ARE DAMAGED BY CONSTRUCTION OPERATIONS SHALL BE REPAIRED OR REPLACED TO THEIR ORIGINAL CONDITION, UNLESS OTHERWISE NOTED TO BE REMODELED PER THE CONTRACT DOCUMENTS.
- THE CONTRACTOR MUST CONTACT "CALL BEFORE YOU DIG", AT (800) 553-4344 AND/OR ALL APPROPRIATE UTILITY COMPANIES FOR BURIED PIPES OR CABLES, PRIOR TO ANY EXCAVATION.
- EXACT LOCATIONS OF EXISTING UTILITIES ARE TO BE VERIFIED BY THE CONTRACTOR.
- THE DUTIES OF THE OWNER/WASHINGTON STATE UNIVERSITY, ITS ENGINEER, AND ITS DESIGNATED CONSULTING ENGINEER DOES NOT INCLUDE DESIGN AND CONSTRUCTION REVIEW SERVICES RELATING TO THE CONTRACTOR'S SAFETY PRECAUTIONS OR TO THE MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES REQUIRED FOR THE CONTRACTOR TO PERFORM THEIR WORK.
- FOLLOWING IS A LIST OF TELEPHONE NUMBERS THAT MAY NEED TO BE CONTACTED DURING THE CONSTRUCTION PHASE OF THE PROJECT:

[]	Adam Ferry PROJECT MANAGER	(509) 335-9028
[]	WSU DEPARTMENT OF FACILITIES OPERATIONS (UTILITY INFORMATION)	(509) 335-9000
[]	AVISTA UTILITIES (GAS & POWER)	(800) 553-4344
[]	CALL BEFORE YOU DIG	(800) 553-4344

INDEX of DRAWINGS

SHEET #	SHEET TITLE
A100	COVER SHEET
A101	ROOF DEMOLITION PLAN - SOUTH
A102	ROOF DEMOLITION PLAN - NORTH
A103	ROOF PLAN - SOUTH/NOTES
A104	ROOF PLAN - NORTH/DETAILS
A105	DETAILS
A106	DETAILS
A107	DETAILS

BUILDING INFORMATION

BUILDING CODE OF RECORD:
2018 INTERNATIONAL BUILDING CODE (IBC)
2018 INTERNATIONAL MECHANICAL (IMC)
2018 INTERNATIONAL FIRE CODE (IFC)
2020 NATIONAL ELECTRICAL CODE (NEC)
2018 WASHINGTON STATE ENERGY CODE (WSEC)
2018 UNIFORM PLUMBING CODE (UPC)

PROJECT LOCATION:
HAMILTON HALL, WSU CAMPUS, PROSSER, WA

SCOPE OF WORK:
ROOFING DEMOLITION AND REPLACEMENT AT EXISTING BUILDING, TO INCLUDE REPLACEMENT OF EXISTING ROOF INSULATION, NEW FLASHINGS AND ACCESSORIES.

BUILDING INFORMATION:
BUILDING TYPE: II-N
CURRENT OCCUPANCY: B
PROPOSED OCCUPANCY: B
OCCUPANCY LOAD: UNCHANGED

DESIGN FIRM:

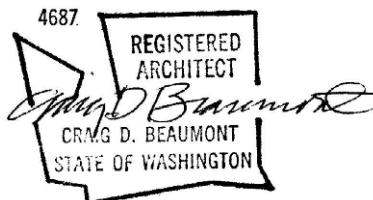


Palouse Design Associates, PLLC

2205 W. Caden Ave.
Spokane, WA 99208
509.432.6652

CONSULTANTS:

PROVISIONAL STAMP:



WASHINGTON STATE UNIVERSITY

Facilities Services
2425 E. Grimes Way
Pullman, Wa. 99164-3611

PH 509-335-5571
FAX 509-335-6875

HAMILTON HALL

PROSSER HAMILTON LAB BLDG.
ROOF REPLACEMENT

FACILITY NO. 2068

MARK	DATE	DESCRIPTION
	4/24/23	CONSTRUCTION DOCUMENTS
	4/11/23	75% REVIEW

CAD DWG FILE: HAMILTONROOF.DWG

DESIGN BY: CB

DRAWN BY: CB

PROJECT No. 1933-2023

CHECKED BY: CB

FILE No. 2068-G-014

COPYRIGHT: WASHINGTON STATE UNIVERSITY

SHEET TITLE

COVER SHEET

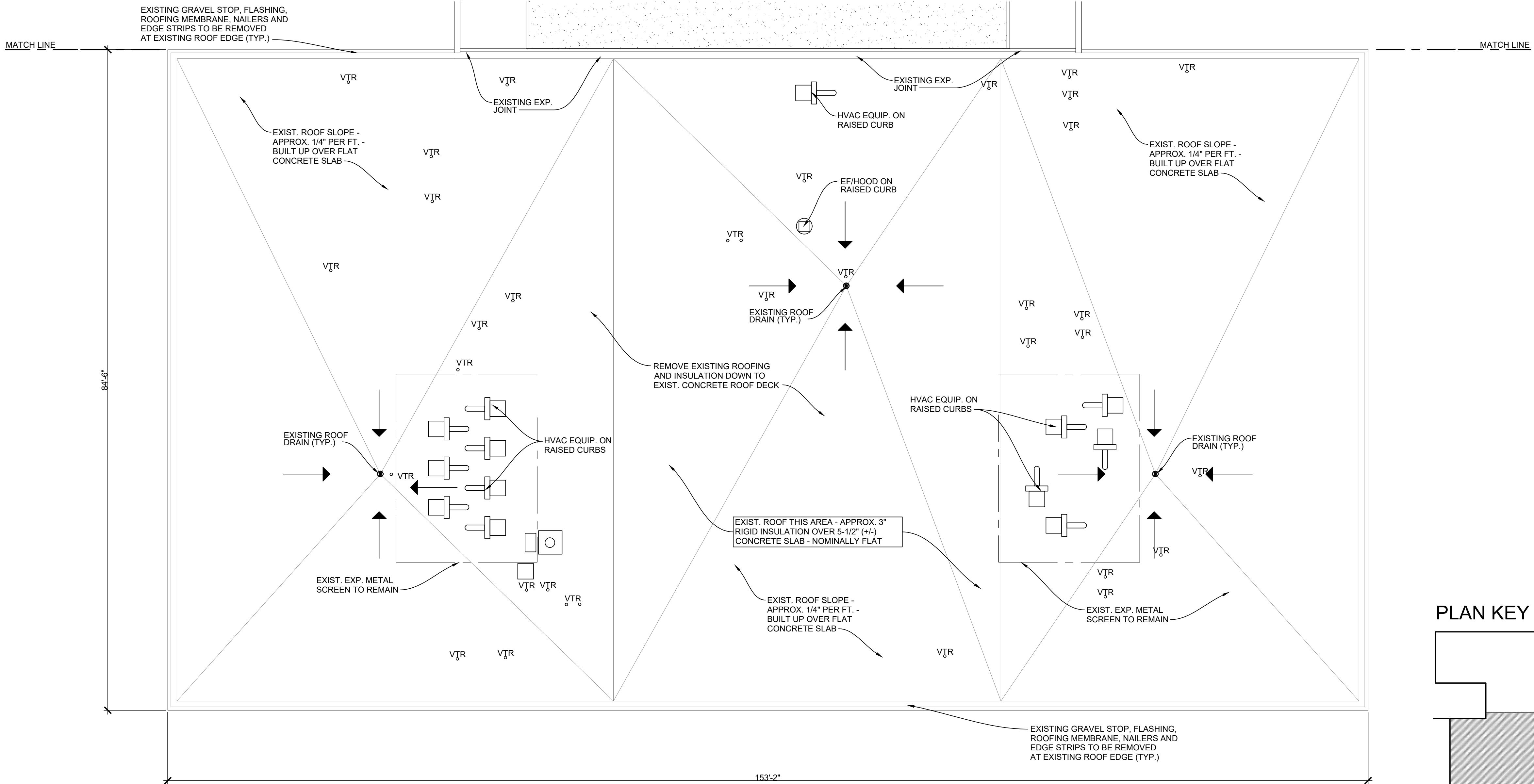
A100

SHEET 1 OF 8 SHEETS

FILE: C:\Users\cdbea\CAD Files\WSU_SW_2023\Hamilton Roof.dwg PLOT DATE: August 17, 2015, 11:30 AM ORIGINAL PAPER SIZE: 22" x 34"

E
D
C
B
A

1 2 3 4 5 6 7



B2 ROOF DEMOLITION PLAN - SOUTH
1/8"=1'-0"

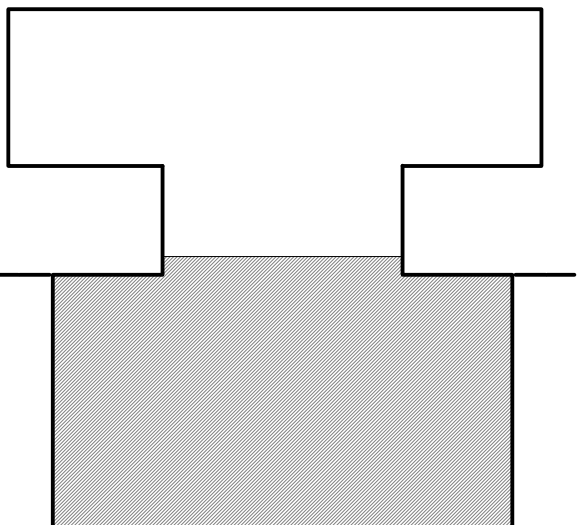
ABBREVIATION KEY:

A.F.F. - ABOVE FINISH FLOOR
A.F.R. - ABOVE FINISH ROOF
DS - DOWNSPOUT
(E) - EXISTING
EF - EXHAUST FAN/RELIEF VENT
ELEC. - ELECTRICAL EQUIPMENT
FP - FALL PROTECTION STANCHION
GA. - GALVANIZED
HVAC - HVAC EQUIPMENT
P.T. - PRESSURE TREATED
RD - ROOF DRAIN
S - STANDPIPE (F.D. CONNECTION)
VTR - PLUMBING VENT THROUGH ROOF

GENERAL DEMOLITION NOTES:

1. REMOVE ALL EXISTING ROOFING AND INSULATION, AND RELATED MATERIALS DOWN TO EXISTING STRUCTURAL ROOF DECK. SUBSTRATA BELOW, EXISTING ROOFING VARIES - SEE NOTES ON DEMOLITION PLAN.
2. DO NOT ALLOW DEMOLITION WORK TO ALTER THE INTEGRITY OF THE EXISTING STRUCTURE, MECHANICAL, PLUMBING OR ELECTRICAL FEATURES.
3. PROTECT EXISTING ITEMS TO REMAIN, BE RELOCATED, RE-INSTALLED OR SALVAGED.
4. REMOVE AND LEGALLY DISPOSE OF ALL DEMOLITION DEBRIS; REMOVE FROM ROOF DAILY.
5. PROTECT ALL ADJOINING BUILDINGS, LANDSCAPE AND EXISTING CONDITIONS DURING CONSTRUCTION.

PLAN KEY



DESIGN FIRM:

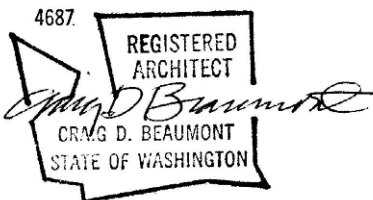


Palouse Design
Associates, PLLC

2205 W. Caden Ave.
Spokane, WA 99208
509.432.6652

CONSULTANTS:

PROVISIONAL STAMP:



Facilities Services PH 509-335-5571
2425 E. Grimes Way FAX 509-335-6875
Pullman, Wa. 99164-3611

HAMILTON HALL

PROSSER HAMILTON LAB BLDG.
ROOF REPLACEMENT

FACILITY NO. 2068

MARK	DATE	DESCRIPTION
	4/24/23	CONSTRUCTION DOCUMENTS
	4/11/23	75% REVIEW

CAD DWG FILE: HAMILTONROOF.DWG

DESIGN BY: CB

DRAWN BY: CB

CHECKED BY: CB

PROJECT No. 1933-2023

FILE No. 2068-G-014

COPYRIGHT: WASHINGTON STATE UNIVERSITY

SHEET TITLE

**ROOF DEMOLITION
PLAN - SOUTH**

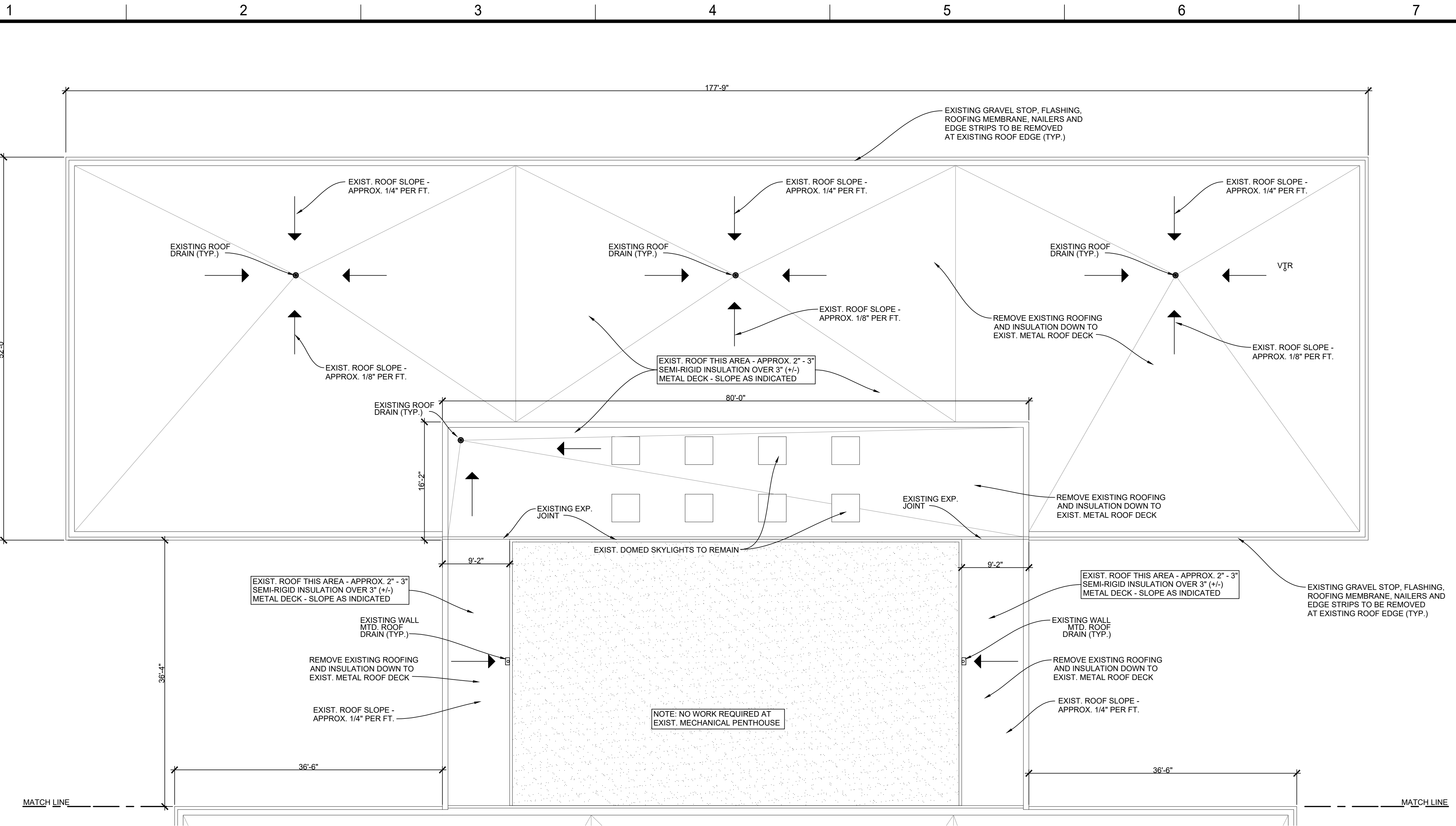
A101

SHEET 2 OF 8 SHEETS

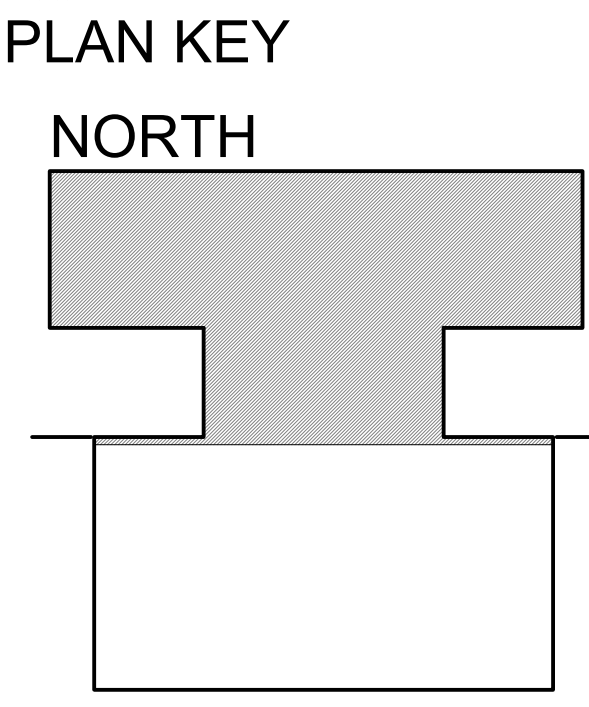
1 2 3 4 5 6 7

FILE: C:\Users\cdbeal\Dropbox\CAD Files\WSU_SW_2023\Hamilton Roof.dwg PLOT DATE: August 17, 2015, 11:30 AM ORIGINAL PAPER SIZE: 22" x 34"

E
D
C
B
A



B2 ROOF DEMOLITION PLAN - NORTH
1/8"=1'-0"



DESIGN FIRM:

Pda
Palouse Design Associates

Palouse Design Associates, PLLC
2205 W. Caden Ave.
Spokane, WA 99208
509.432.6652

CONSULTANTS:

PROVISIONAL STAMP:

4687 REGISTERED ARCHITECT
Chris D. Beaumont
CHRIS D. BEAUMONT
STATE OF WASHINGTON

WASHINGTON STATE UNIVERSITY

Facilities Services PH 509-335-5571
2425 E. Grimes Way FAX 509-335-6875
Pullman, Wa. 99164-3611

HAMILTON HALL

PROSSER HAMILTON LAB BLDG.
ROOF REPLACEMENT

FACILITY NO. 2068

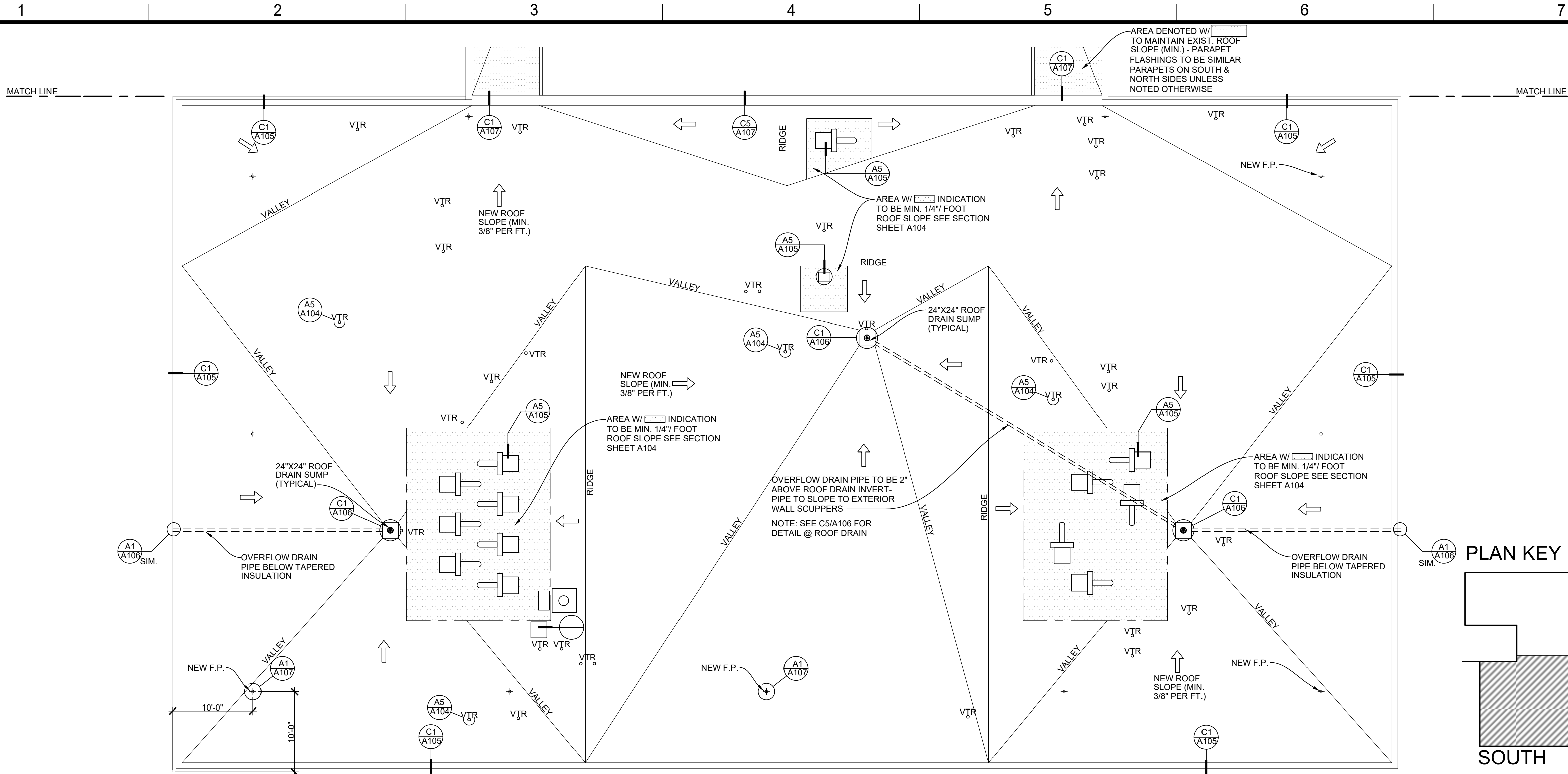
	4/24/23	CONSTRUCTION DOCUMENTS
	4/11/23	75% REVIEW
MARK	DATE	DESCRIPTION

CAD DWG FILE: HAMILTONROOF.DWG	
DESIGN BY: CB	
DRAWN BY: CB	CHECKED BY: CB
PROJECT No. 1933-2023	FILE No. 2068-G-014
COPYRIGHT: WASHINGTON STATE UNIVERSITY	

SHEET TITLE

ROOF DEMOLITION PLAN - NORTH

FILE: C:\Users\cdbaa\Dropbox\CAD Files\WSU_SW_2023\Hamilton Roof.dwg PLOT DATE: August 17, 2015, 11:30 AM ORIGINAL PAPER SIZE: 22" x 34"



B2 ROOF PLAN - SOUTH
1/8"=1'-0"

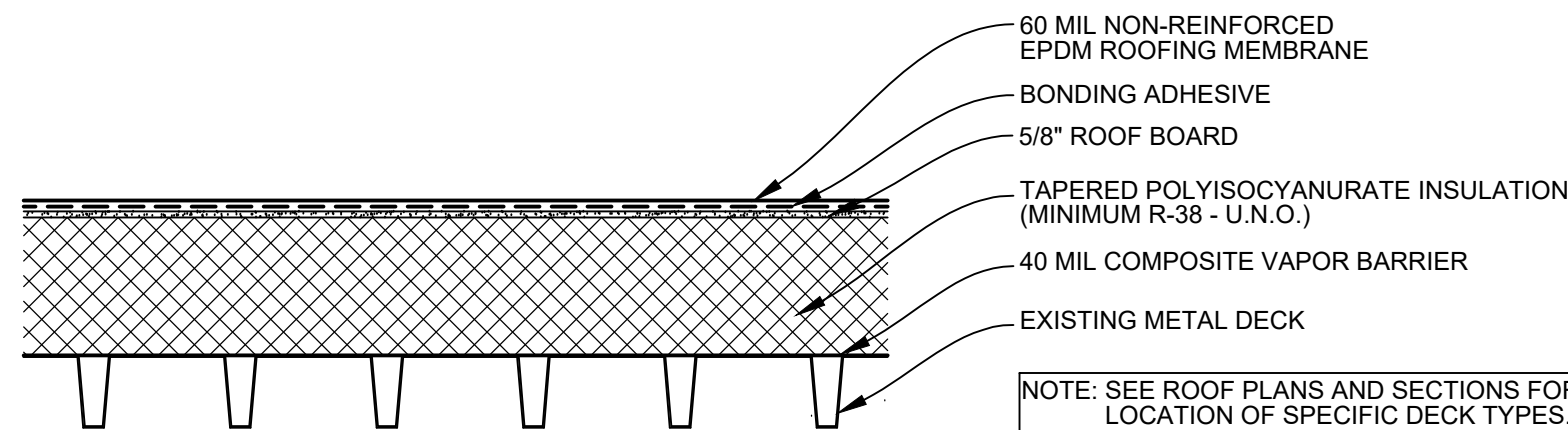
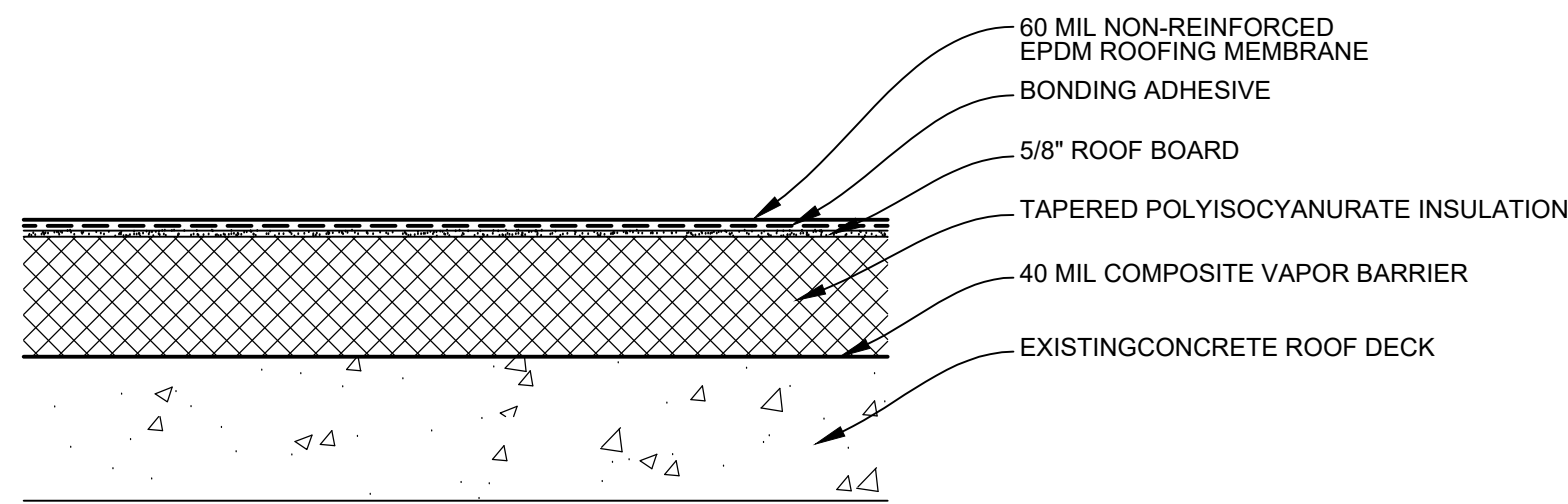
ABBREVIATION KEY:

A.F.F. - ABOVE FINISH FLOOR
A.F.R. - ABOVE FINISH ROOF
DS - DOWNSPOUT
(E) - EXISTING
EF - EXHAUST FAN/RELIEF VENT
ELEC - ELECTRICAL EQUIPMENT
FP - FALL PROTECTION STANCHION
GA - GALVANIZED
HVAC - HVAC EQUIPMENT
P.T. - PRESSURE TREATED
RD - ROOF DRAIN
VTR - PLUMBING VENT THROUGH ROOF

⊕ FALL PROTECTION STANCHION/
SUPPORT

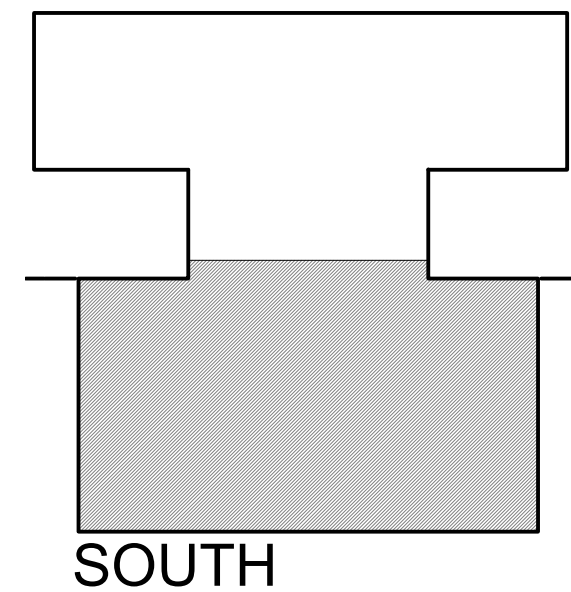
GENERAL NOTES:

- CONTRACTOR SHALL FIELD VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS PRIOR TO CONSTRUCTION. EXISTING DIMENSIONS AND CONDITIONS INDICATED ARE APPROXIMATE.
- DO NOT SCALE DRAWINGS - FIELD VERIFY ALL DIMENSIONS AND CONDITIONS.
- IN THE EVENT DISCREPANCIES FROM CONDITIONS SHOWN ARE ENCOUNTERED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY FACILITIES SERVICES - CAPITAL PLANNING AND DEVELOPMENT - PROJECT MANAGER FOR RESOLUTION.
- VERIFY ALL BUILDING UTILITIES, PLUMBING AND ELECTRICAL SERVING ROOF TOP EQUIPMENT PRIOR TO THE START OF WORK. SHOULD EXISTING UTILITIES POSE A SAFETY THREAT OR INTERFERE WITH THE PERFORMANCE OF THE WORK, THE CONTRACTOR SHALL NOTIFY FACILITIES SERVICES - CAPITAL.
- NEW WORK SHALL ALIGN/BLEND WITH AND TIE TO EXISTING REMAINING WORK TO REMAIN.
- ALL MATERIALS SHALL BE NEW UNLESS NOTED OTHERWISE.
- DO NOT CONCENTRATE MATERIAL LOADS ON EXISTING ROOF.
- ASSUME THE BUILDINGS AND ADJACENT BUILDINGS WILL BE OCCUPIED DURING CONSTRUCTION AND MUST MAINTAINED OPERATIONAL. MAINTAIN TRAFFIC FLOW AND AVOID DISRUPTIONS TO THE OCCUPANTS DURING THE WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR WEATHER TIGHTNESS. SHALL INSPECT AND ACCEPT ALL SUBSTRATE AND PENETRATION CONDITIONS PRIOR TO COMMENCING REROOFING OPERATIONS.



A4 TYPICAL ROOF ASSEMBLIES
1-1/2"=1'-0"

PLAN KEY



DESIGN FIRM:

Pda
Palouse Design Associates, PLLC

2205 W. Caden Ave.
Spokane, WA 99208
509.432.6652

CONSULTANTS:

PROVISIONAL STAMP:

4687 REGISTERED ARCHITECT
Chris D. Beaumont
CHRIS D. BEAUMONT
STATE OF WASHINGTON

WASHINGTON STATE UNIVERSITY

Facilities Services PH 509-335-5571
2425 E. Grimes Way FAX 509-335-6875
Pullman, Wa. 99164-3611

HAMILTON HALL

PROSSER HAMILTON LAB BLDG.
ROOF REPLACEMENT

FACILITY NO. 2068

MARK	DATE	DESCRIPTION
	4/24/23	CONSTRUCTION DOCUMENTS
	4/11/23	75% REVIEW

CAD DWG FILE: HAMILTONROOF.DWG

DESIGN BY: CB

DRAWN BY: CB CHECKED BY: CB

PROJECT No: 1933-2023 FILE No: 2068-G-014

COPYRIGHT: WASHINGTON STATE UNIVERSITY

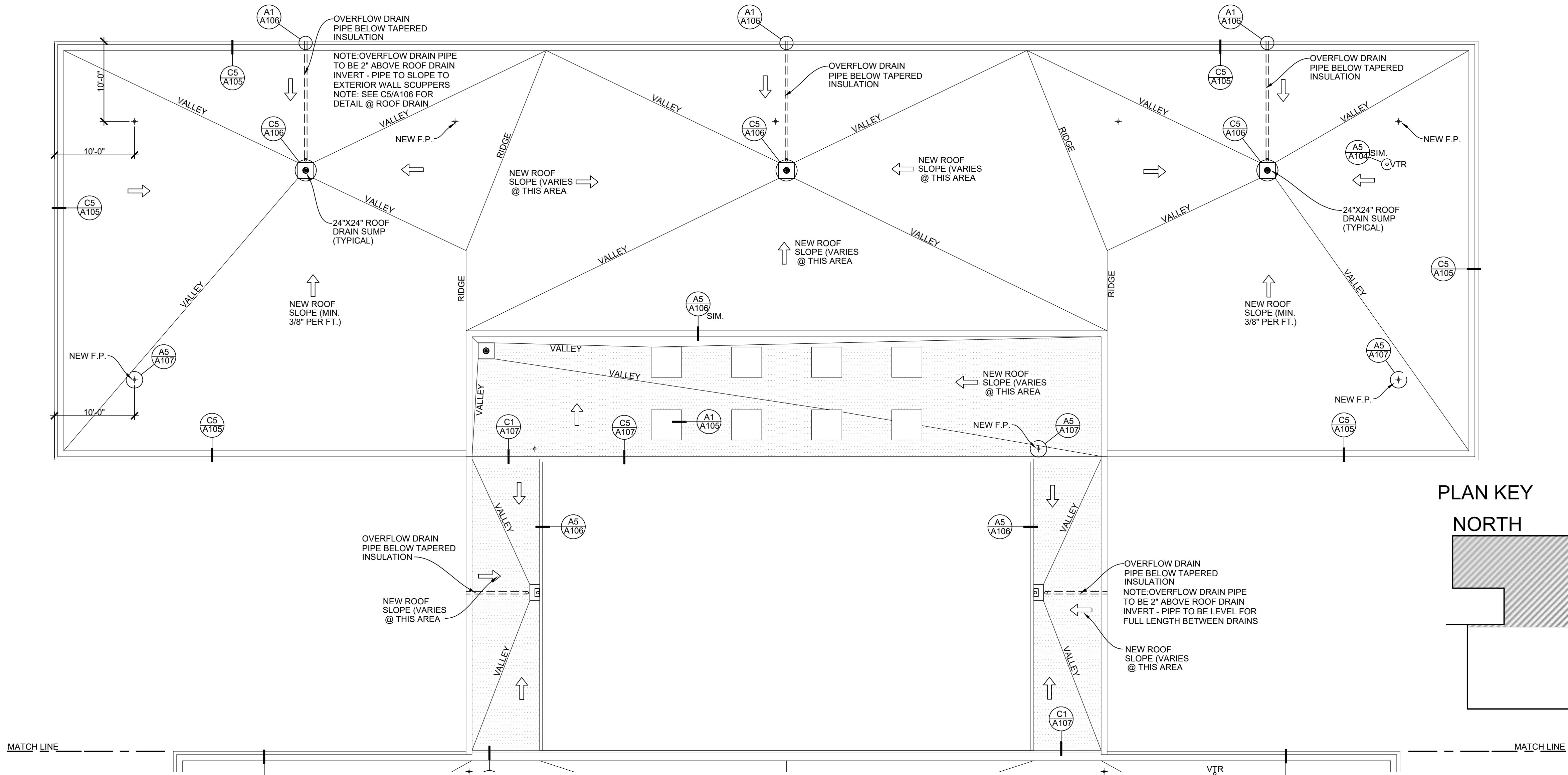
SHEET TITLE

ROOF PLAN - SOUTH/NOTES

A103

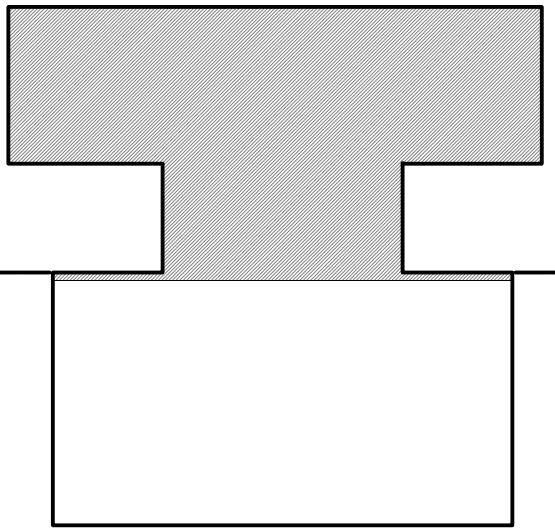
SHEET 4 OF 8 SHEETS

FILE: C:\Users\cdbea\CAD Files\WSU_SW_2023\Hamilton Roof.dwg PLOT DATE: August 17, 2015, 11:30 AM ORIGINAL PAPER SIZE: 22" x 34"

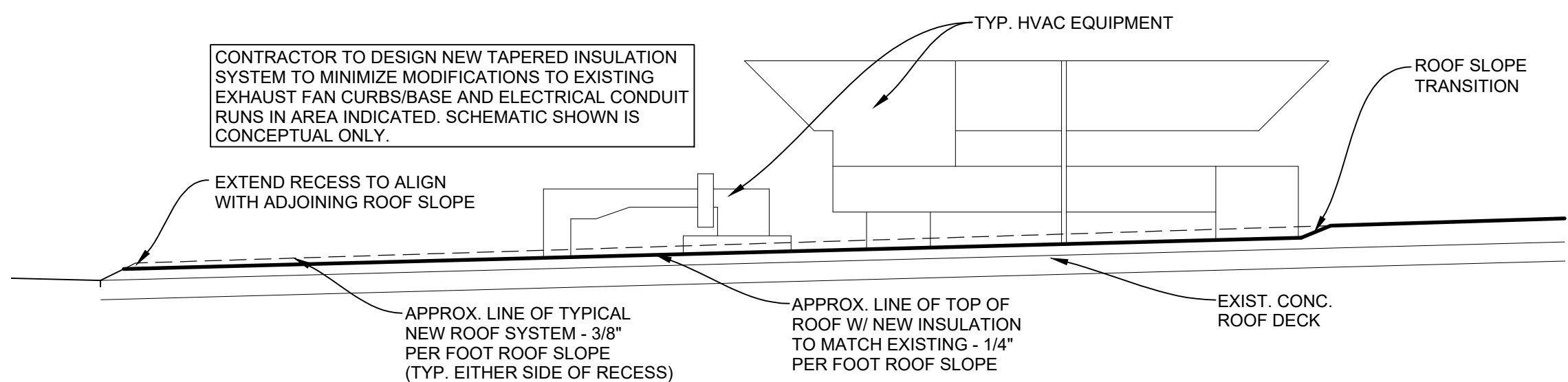


PLAN KEY

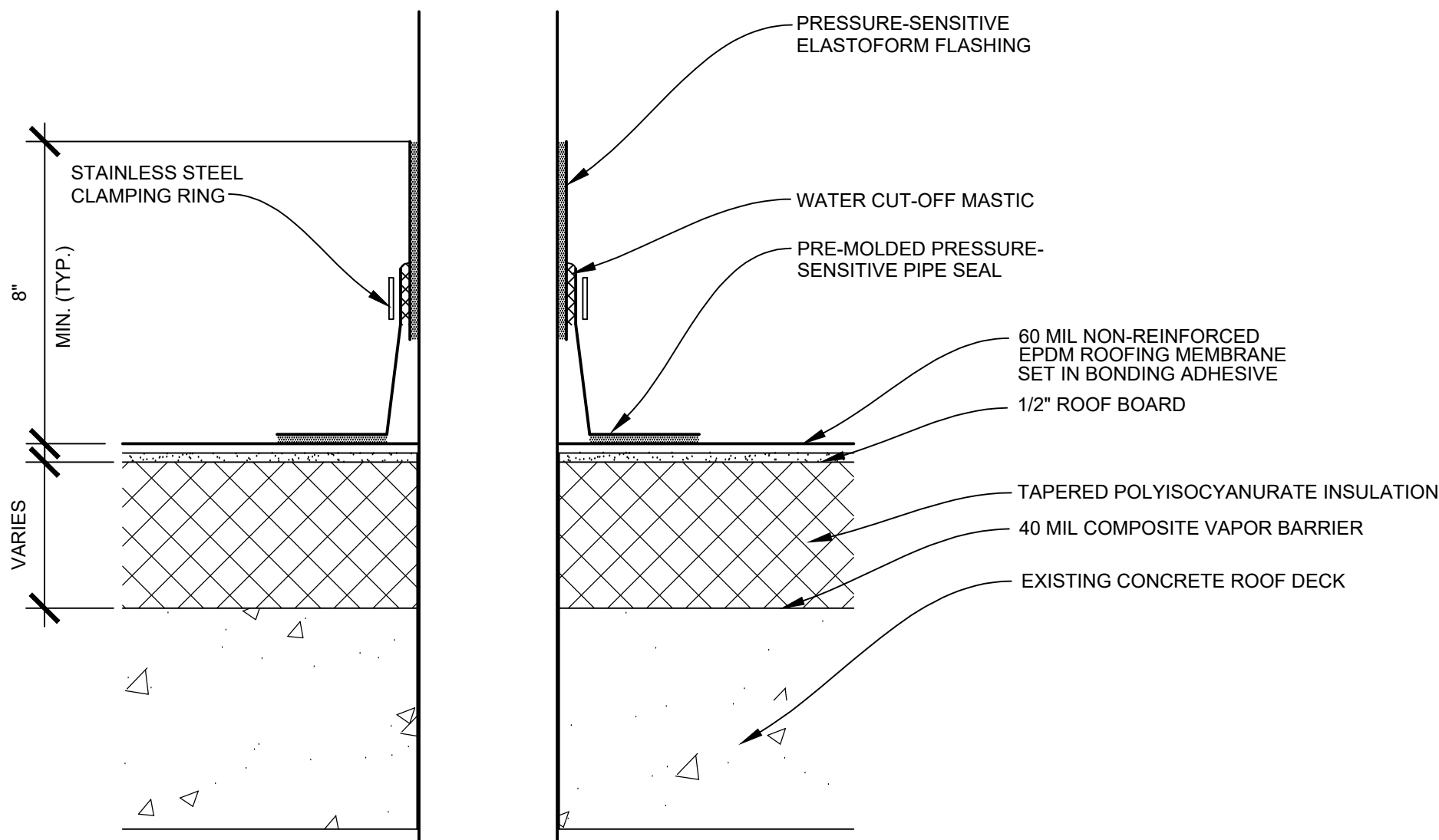
NORTH



B1 ROOF PLAN - NORTH
1/8"=1'-0"



A1 CONCEPTUAL ROOF SLOPE SCHEMATIC
3"=1'-0"



A5 TYPICAL VENT THROUGH ROOF DETAIL
3"=1'-0"

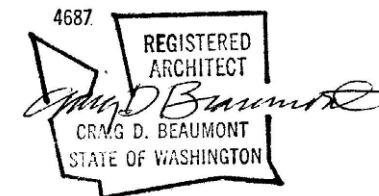
DESIGN FIRM:

Pda
Palouse Design Associates

Palouse Design Associates, PLLC
2205 W. Caden Ave.
Spokane, WA 99208
509.432.6652

CONSULTANTS:

PROVISIONAL STAMP:



Facilities Services PH 509-335-5571
2425 E. Grimes Way FAX 509-335-6875
Pullman, Wa. 99164-3611

HAMILTON HALL

PROSSER HAMILTON LAB BLDG.
ROOF REPLACEMENT

FACILITY NO. 2068

MARK	DATE	DESCRIPTION
	4/24/23	CONSTRUCTION DOCUMENTS
	4/11/23	75% REVIEW

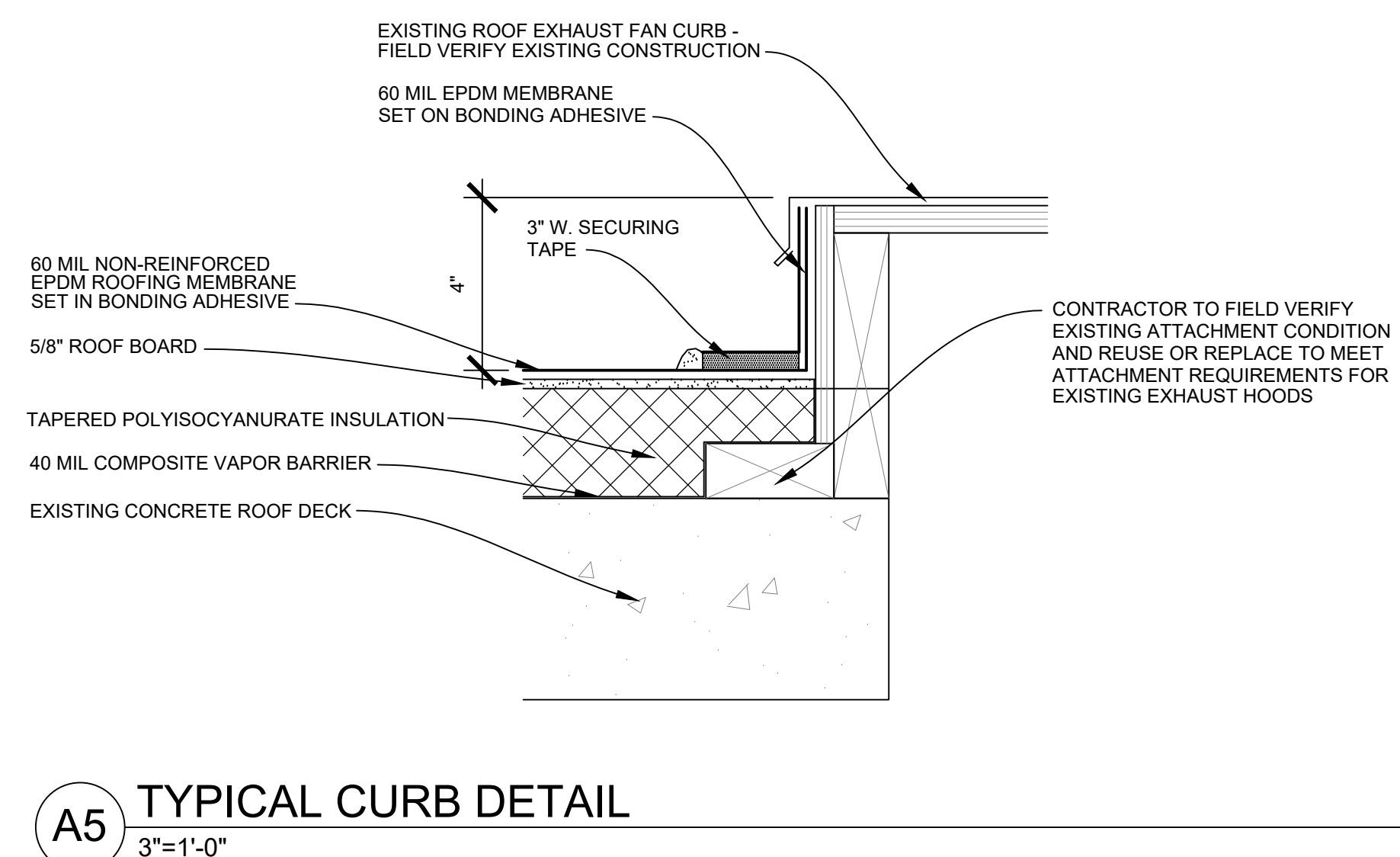
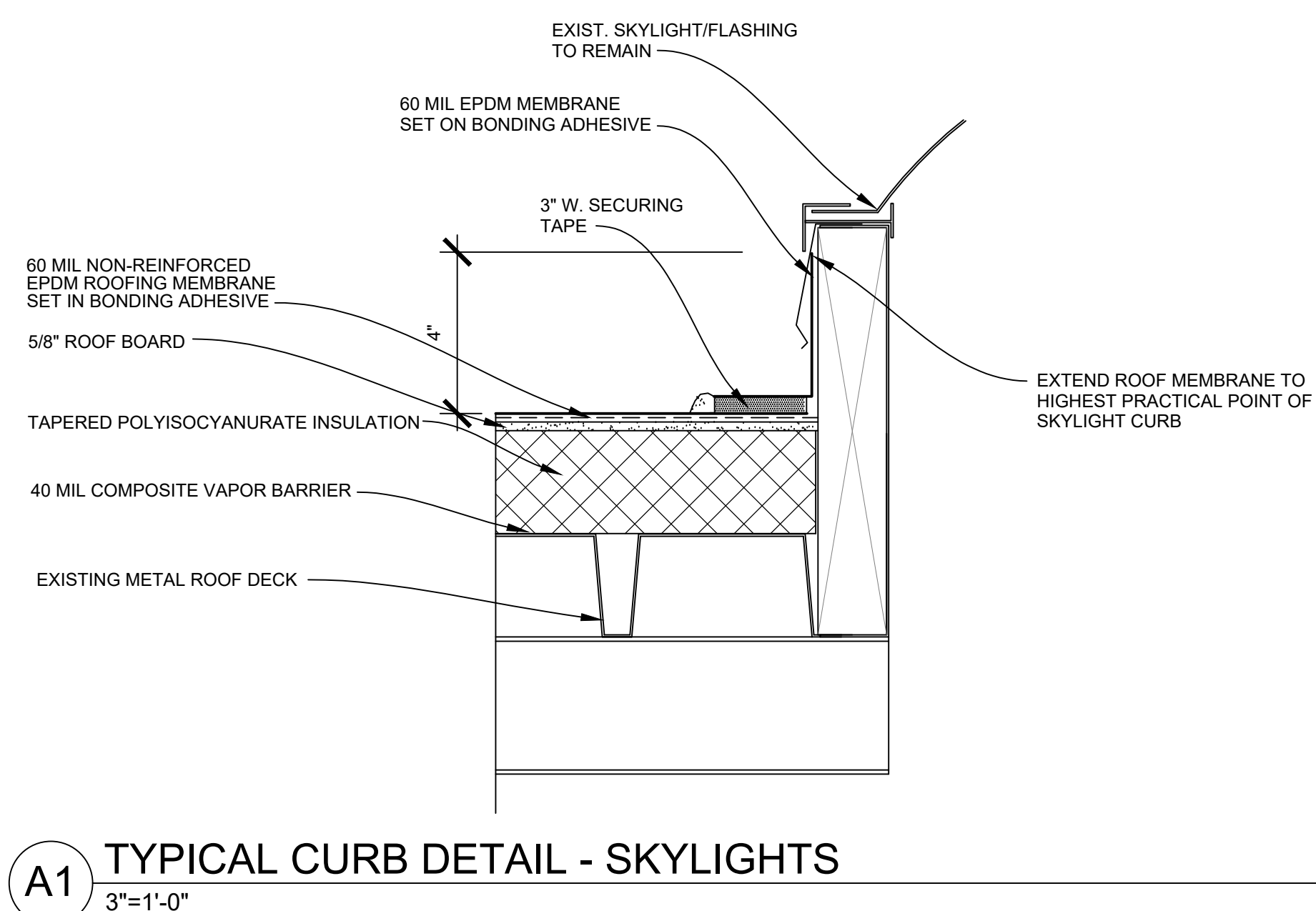
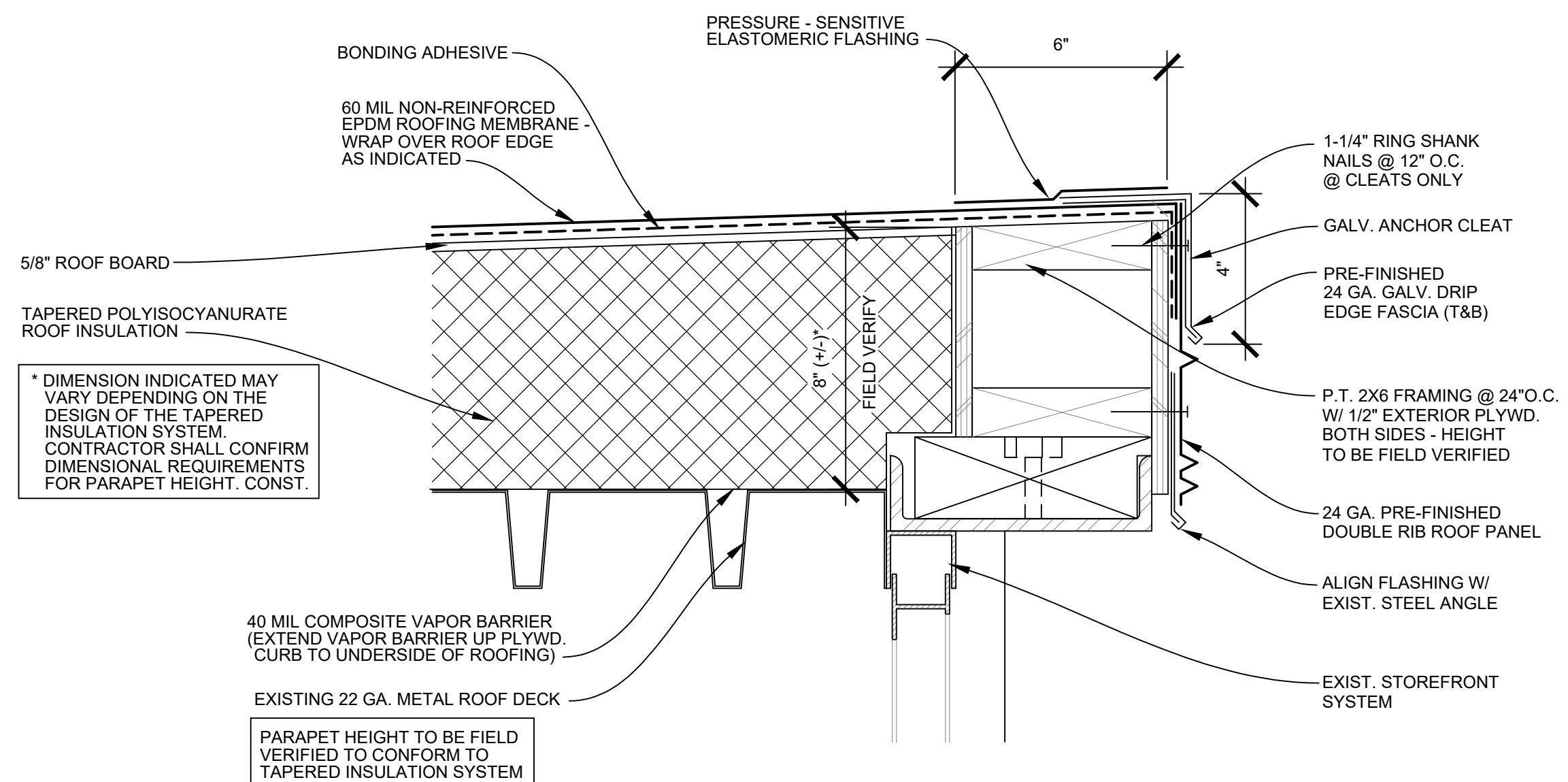
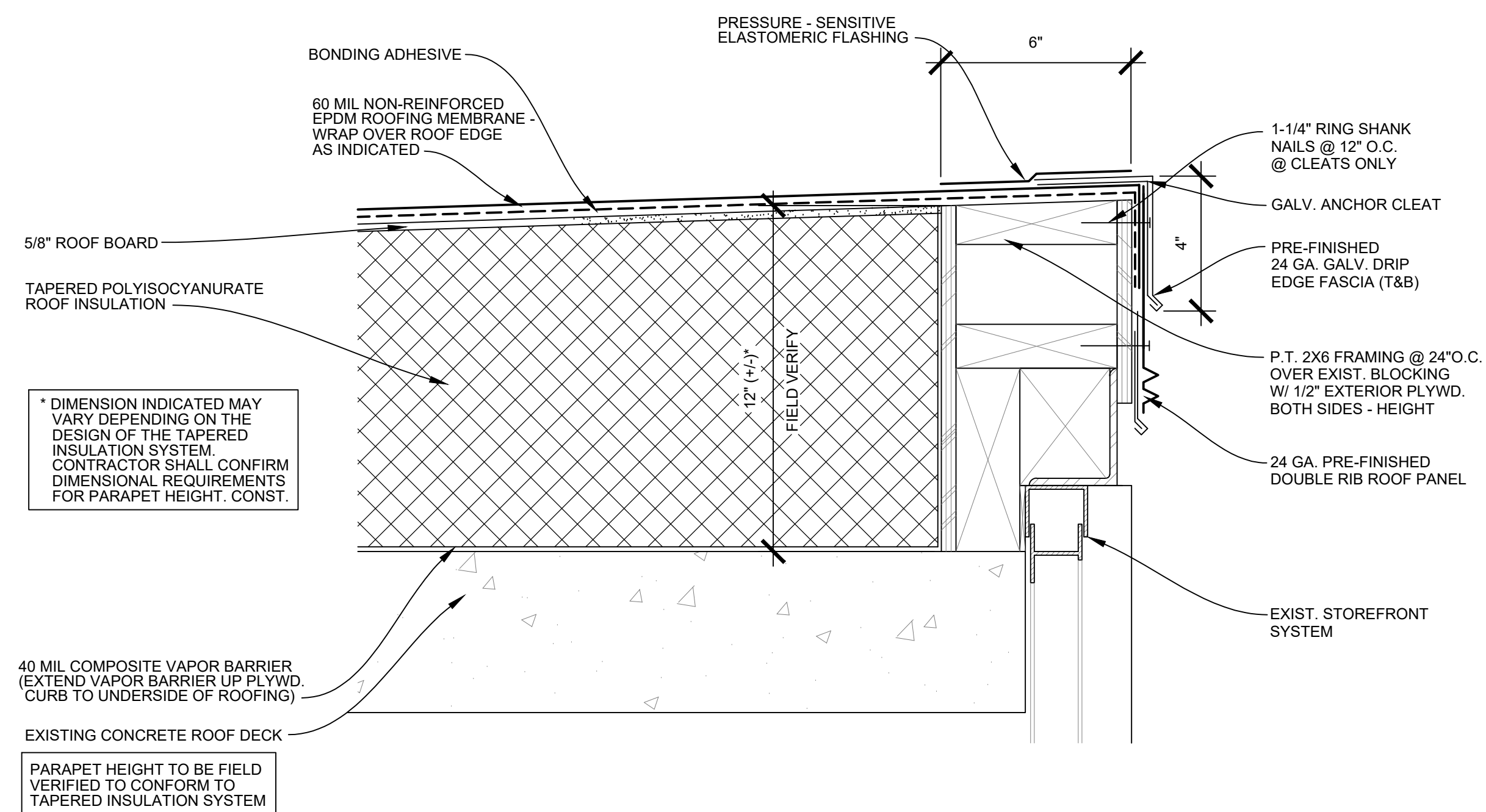
CAD DWG FILE: HAMILTONROOF.DWG	
DESIGN BY: CB	CHECKED BY: CB
DRAWN BY: CB	FILE No. 2068-G-014
PROJECT No. 1933-2023	
COPYRIGHT: WASHINGTON STATE UNIVERSITY	

SHEET TITLE

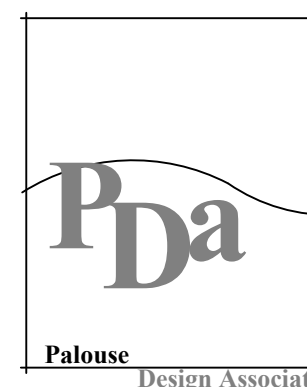
ROOF PLAN - NORTH/DETAILS

A104

SHEET 5 OF 8 SHEETS



DESIGN FIRM:

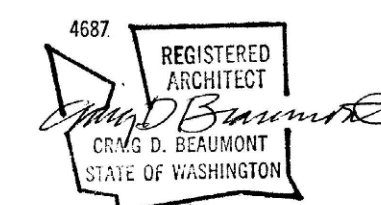


Palouse Design
Associates, PLLC

2205 W. Caden Ave.
Spokane, WA 99208
509.432.6652

CONSULTANTS:

PROVISIONAL STAMP:



WASHINGTON STATE
UNIVERSITY

Facilities Services PH 509-335-5571
2425 E. Grimes Way FAX 509-335-6875
Pullman, Wa. 99164-3611

HAMILTON HALL

PROSSER HAMILTON LAB BLDG.
ROOF REPLACEMENT

FACILITY NO. 2068

[illegible]

CAD DWG FILE: HAMILTONROOF.DWG

DESIGN BY: CB

DRAWN BY: CB

CHECKED BY: CB

PROJECT No. 1933-2023

FILE No. 2068-G-014

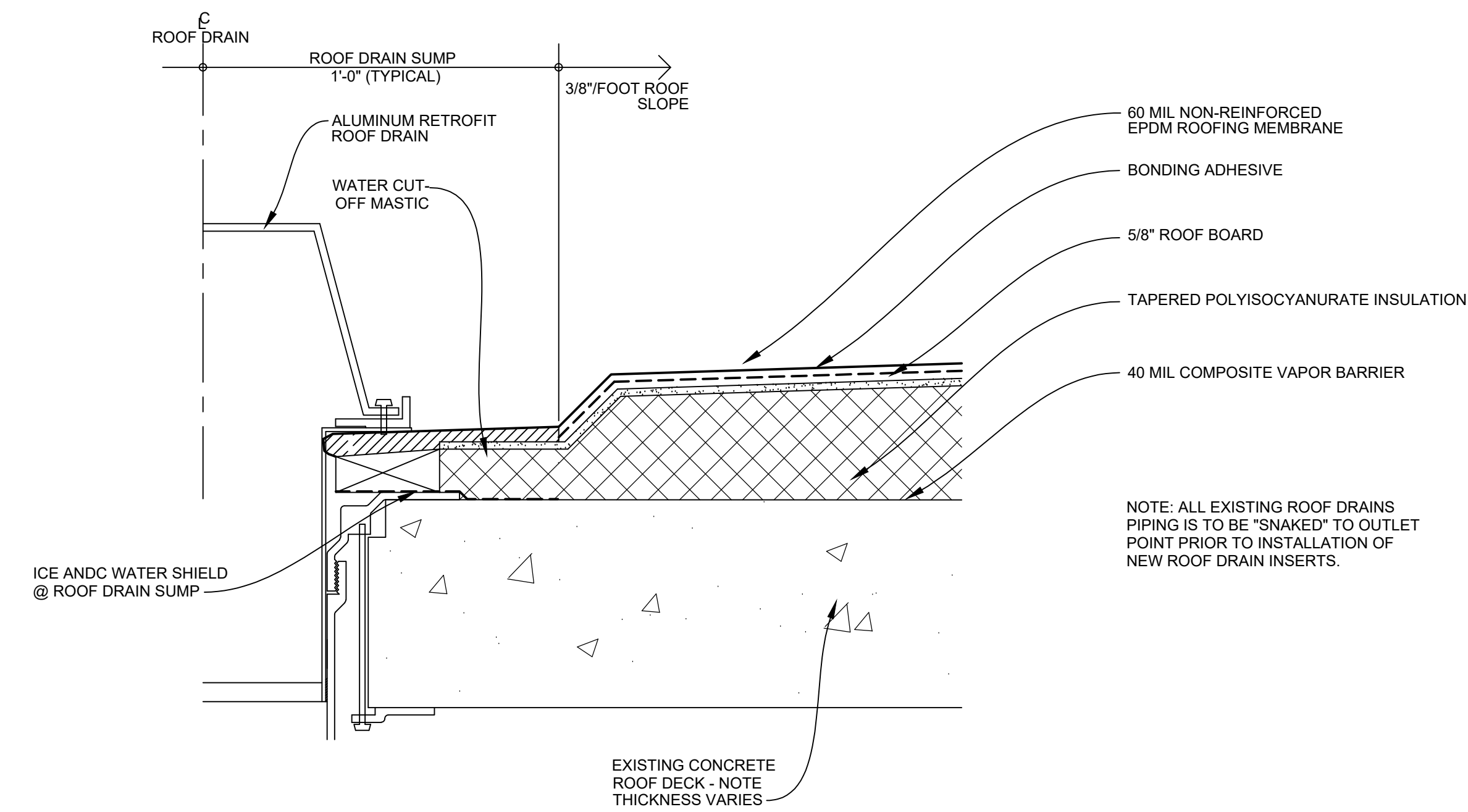
COPYRIGHT: WASHINGTON STATE UNIVERSITY

SHEET TITLE

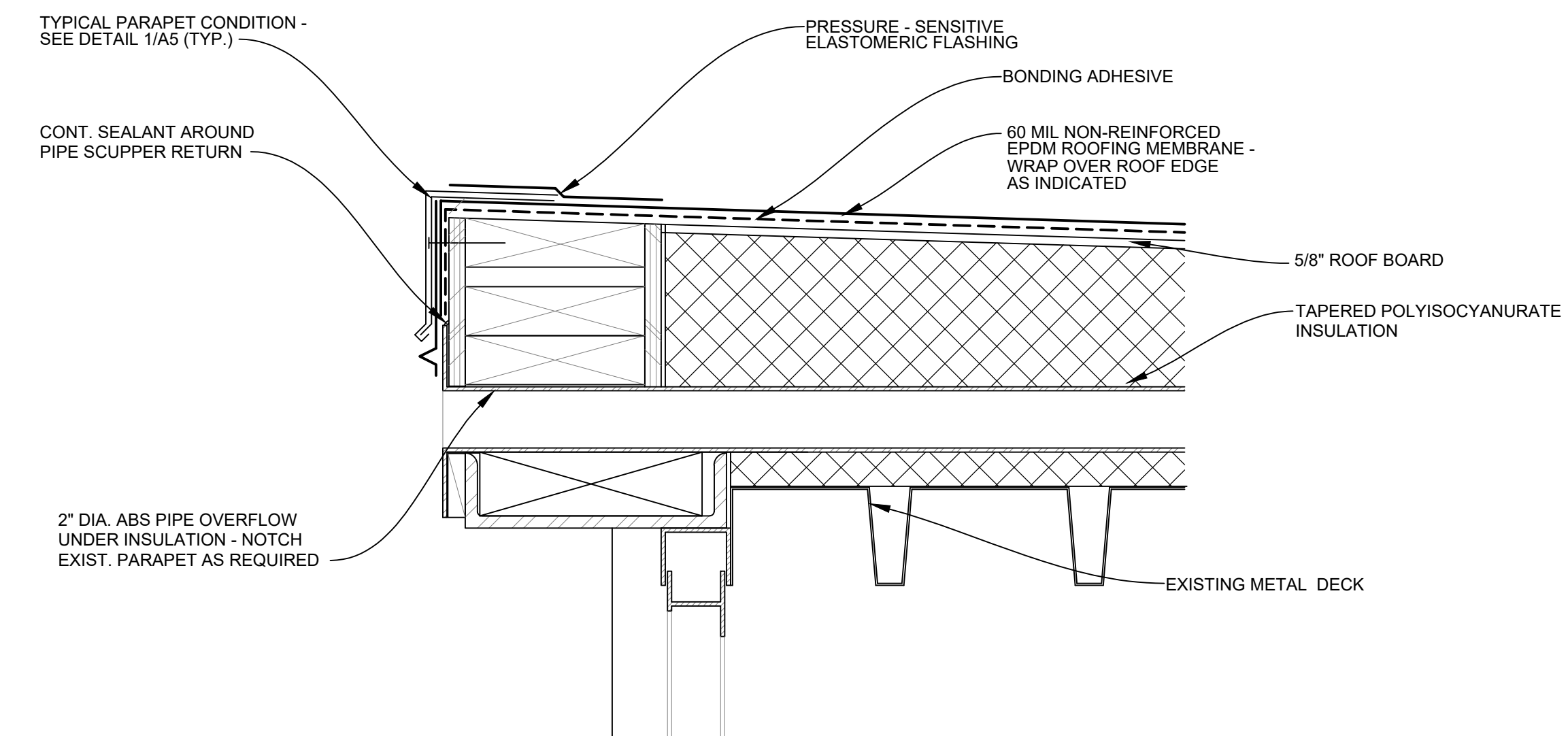
DETAILS

A105

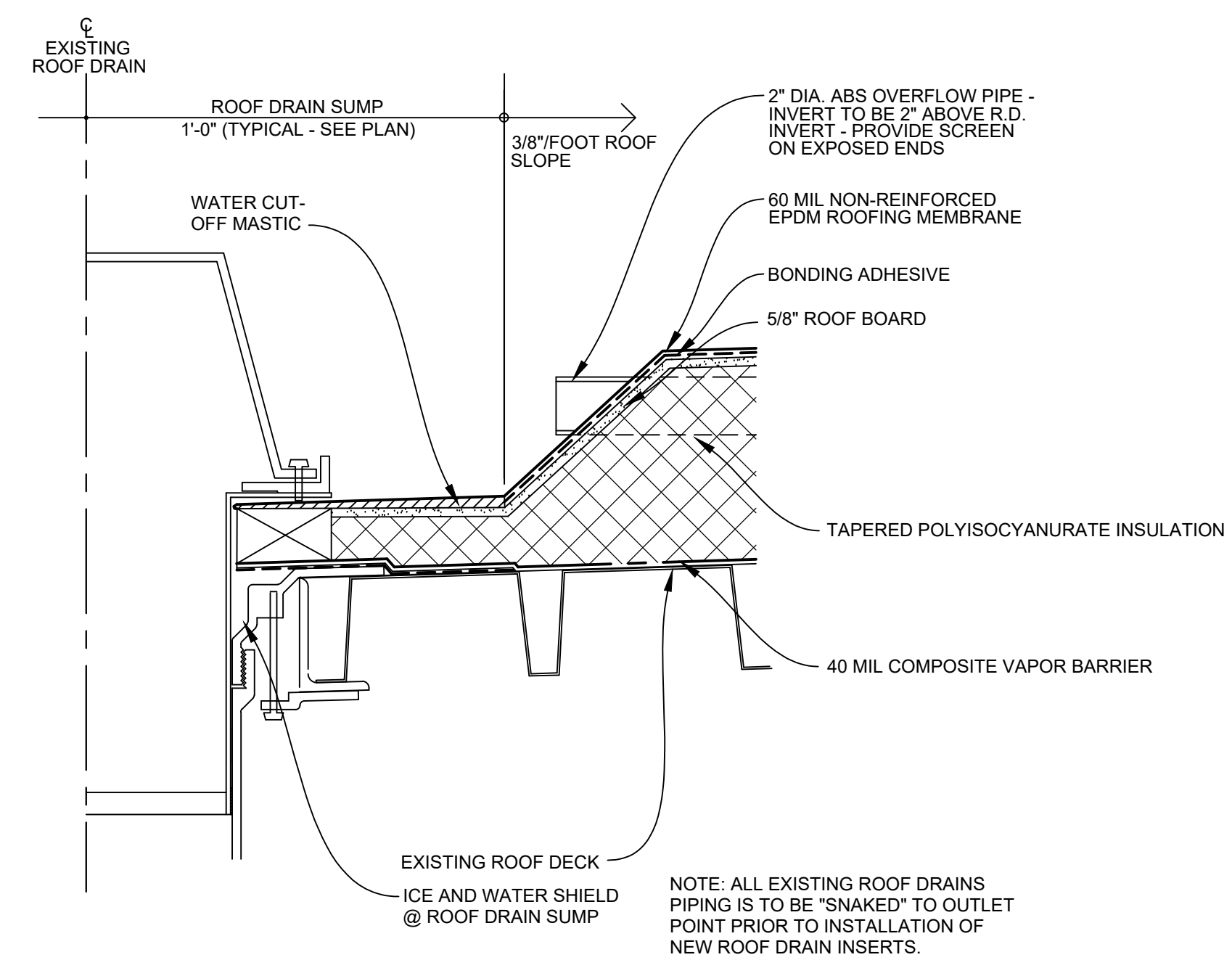
SHEET 6 OF 8 SHEET



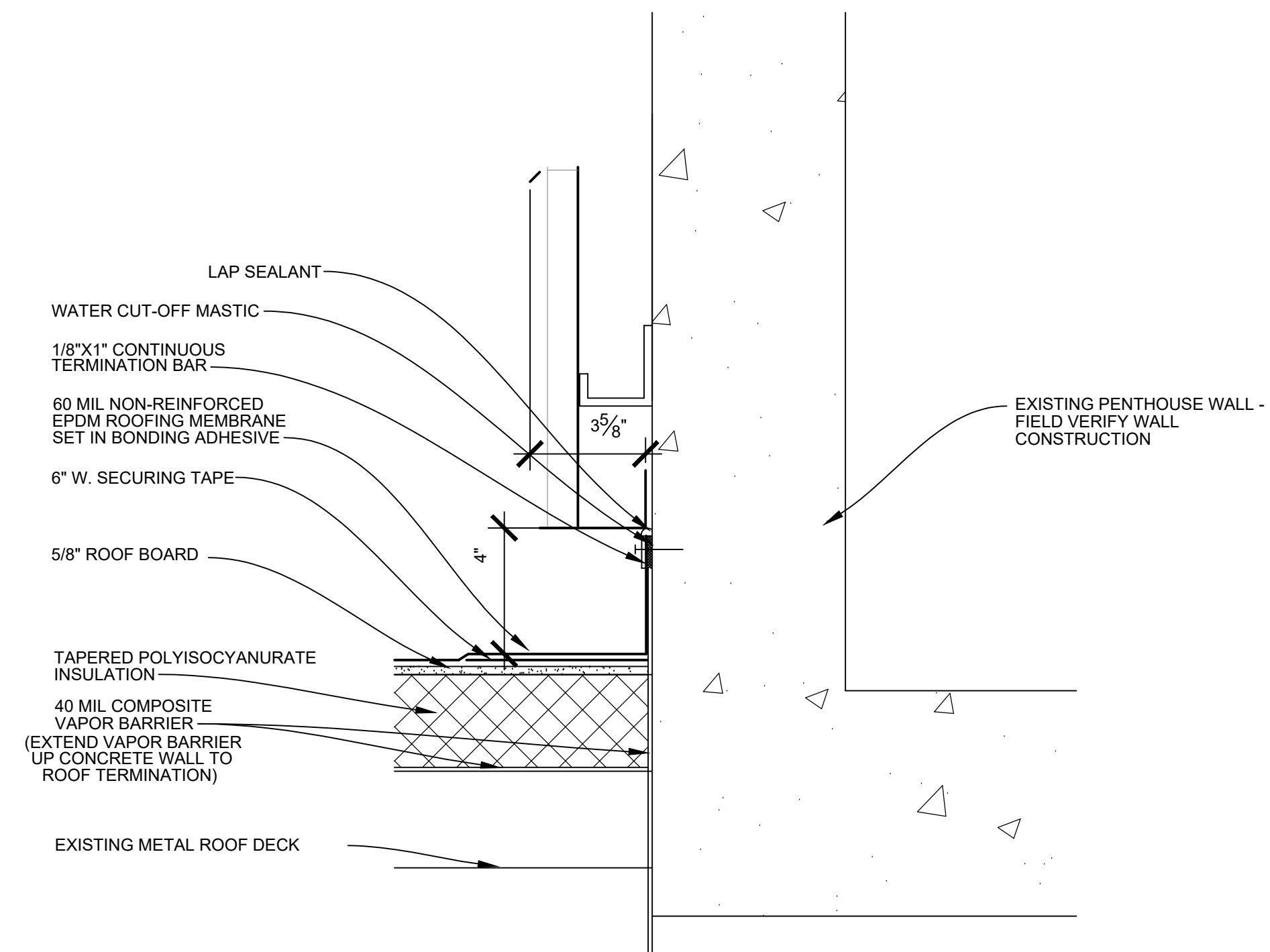
(C1) TYPICAL ROOF DRAIN DETAIL - CONCRETE ROOF DECK
3"=1'-0"



A1 OVERFLOW SCUPPER DETAIL
3"=1'-0"

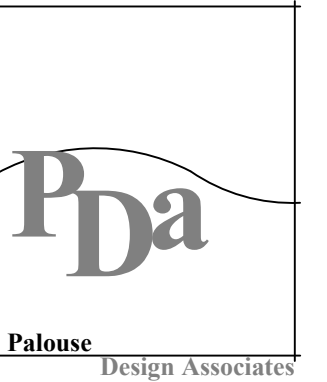


C5 TYPICAL ROOF DRAIN DETAIL - METAL ROOF DECK
3"=1'-0"



A5 WALL BASE DETAIL AT PENTHOUSE
3"=1'-0"

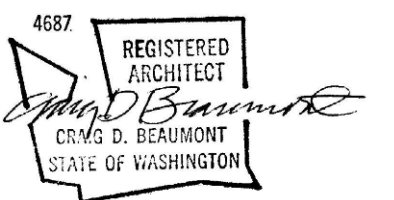
DESIGN FIRM:

Palouse Design
Associates, PLLC

2205 W. Caden Ave.
Spokane, WA 99208
509.432.6652

CONSULTANTS:

PROVISIONAL STAMP:



Facilities Services PH 509-335-5571
2425 E. Grimes Way FAX 509-335-6875
Pullman, Wa. 99164-3611

HAMILTON HALL

PROSSER HAMILTON LAB BLDG.
ROOF REPLACEMENT

FACILITY NO. 2068

	4/24/23	CONSTRUCTION DOCUMENTS
	4/11/23	75% REVIEW
MARK	DATE	DESCRIPTION

CAD DWG FILE: HAMILTONROOF.DWG

DESIGN BY: CB

DRAWN BY: CB

CHECKED BY: CB

PROJECT No. 1933-2023

FILE No. 2068-G-014

COPYRIGHT: WASHINGTON STATE UNIVERSITY

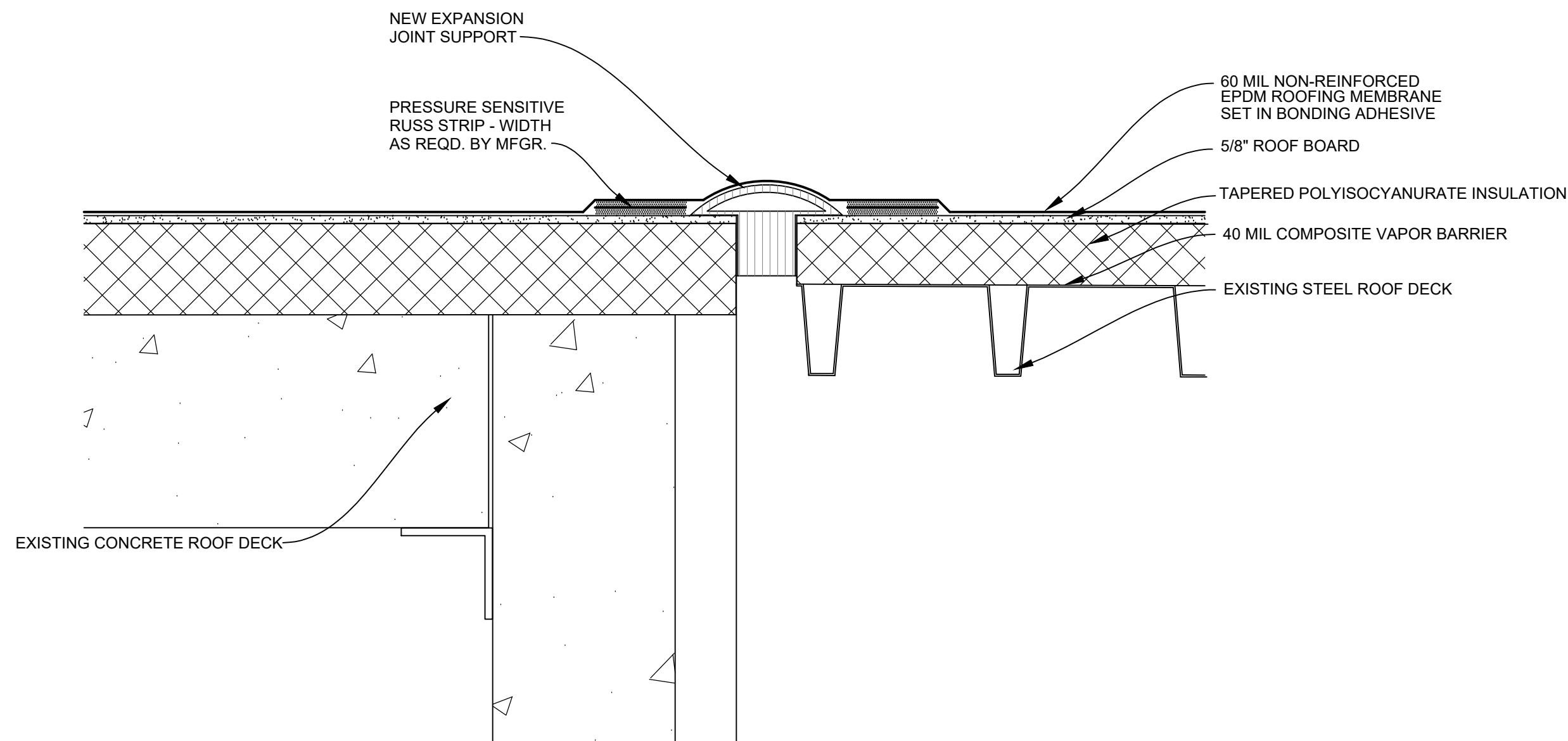
SHEET TITLE

DETAILS

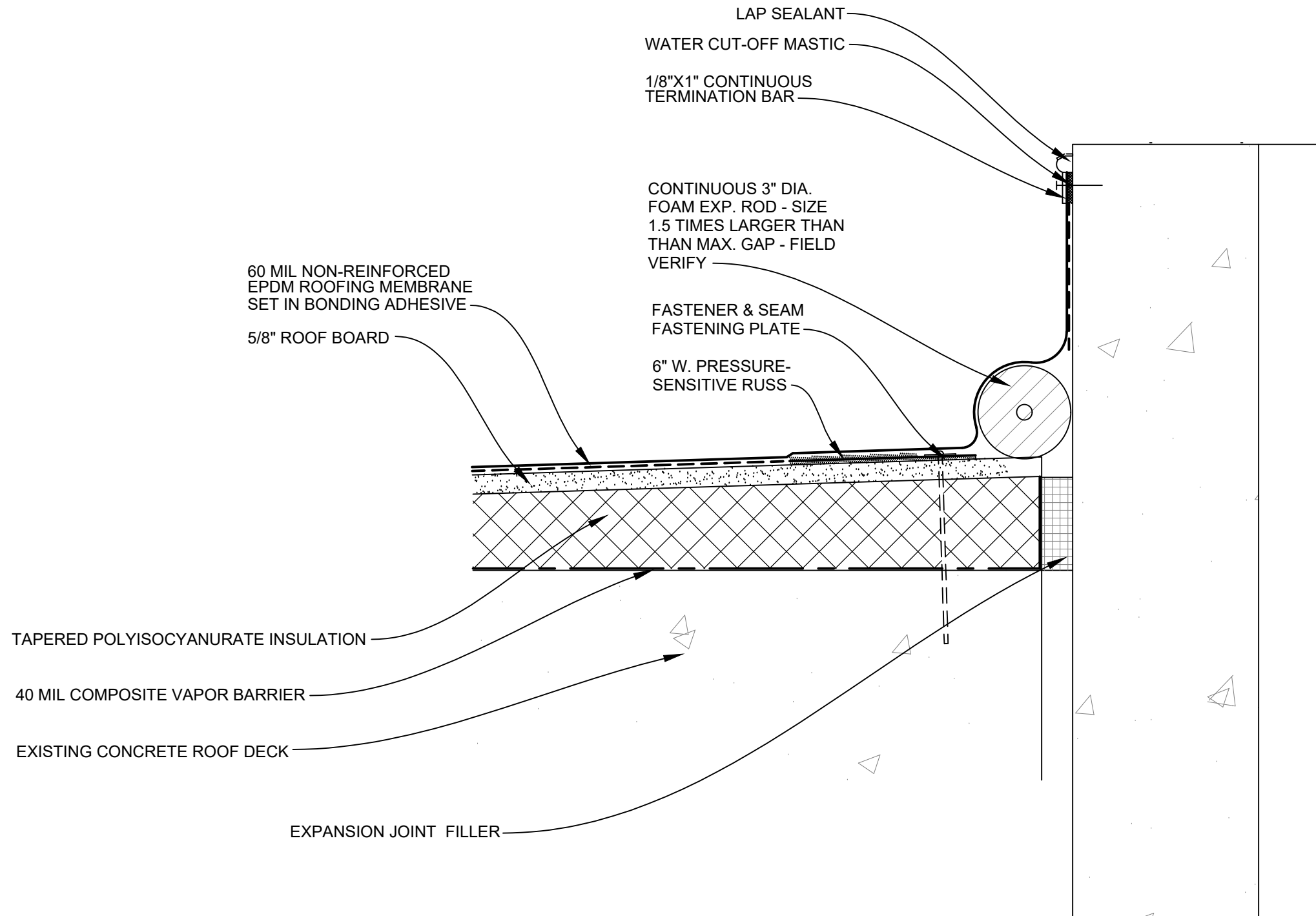
A106

SHEET 7 OF 8 SHEETS

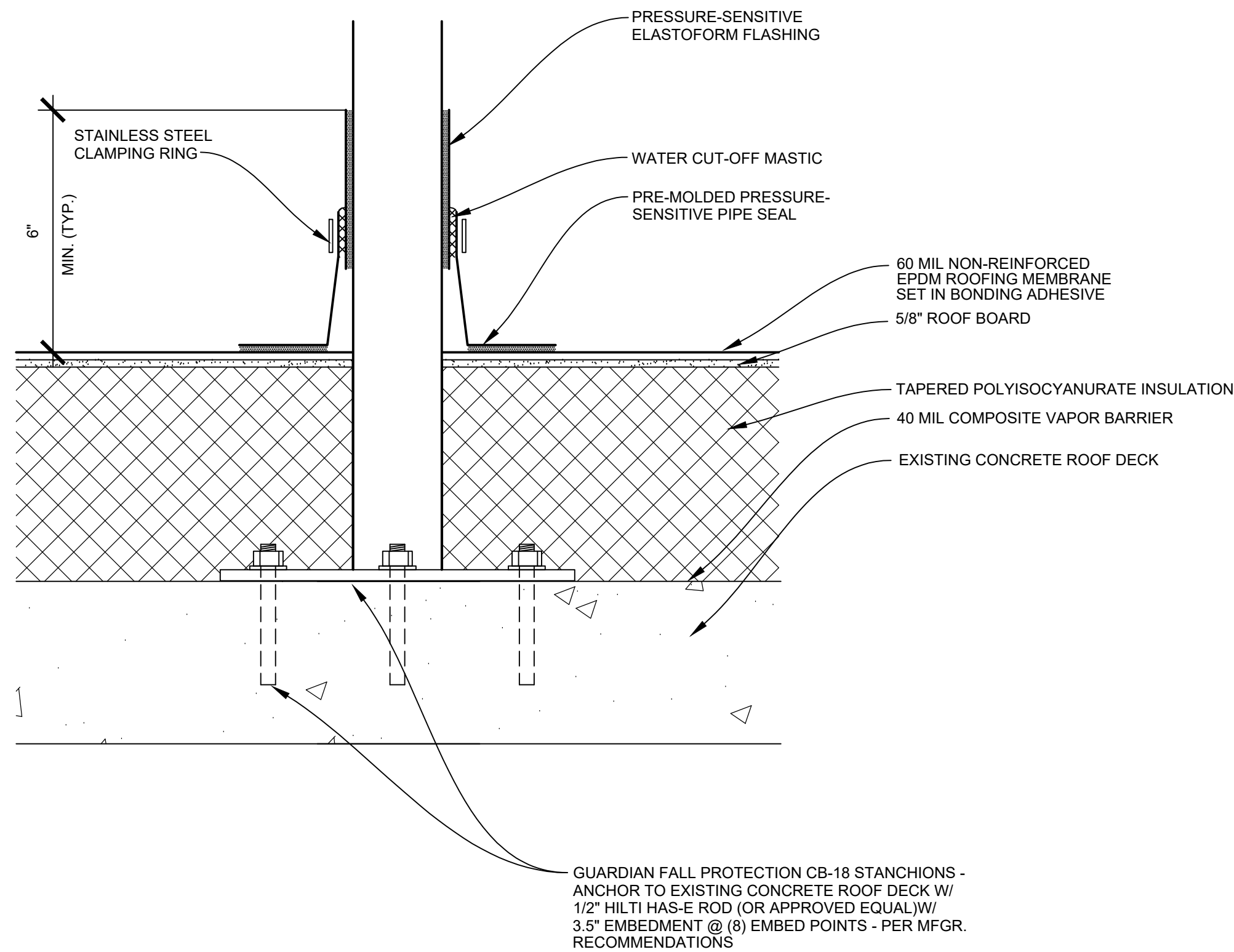
FILE: C:\Users\cdbeal\Dropbox\CAD Files\WSU_SW_2023\Hamilton Roof.dwg PLOT DATE: August 17, 2015, 11:30 AM ORIGINAL PAPER SIZE: 22" x 34"



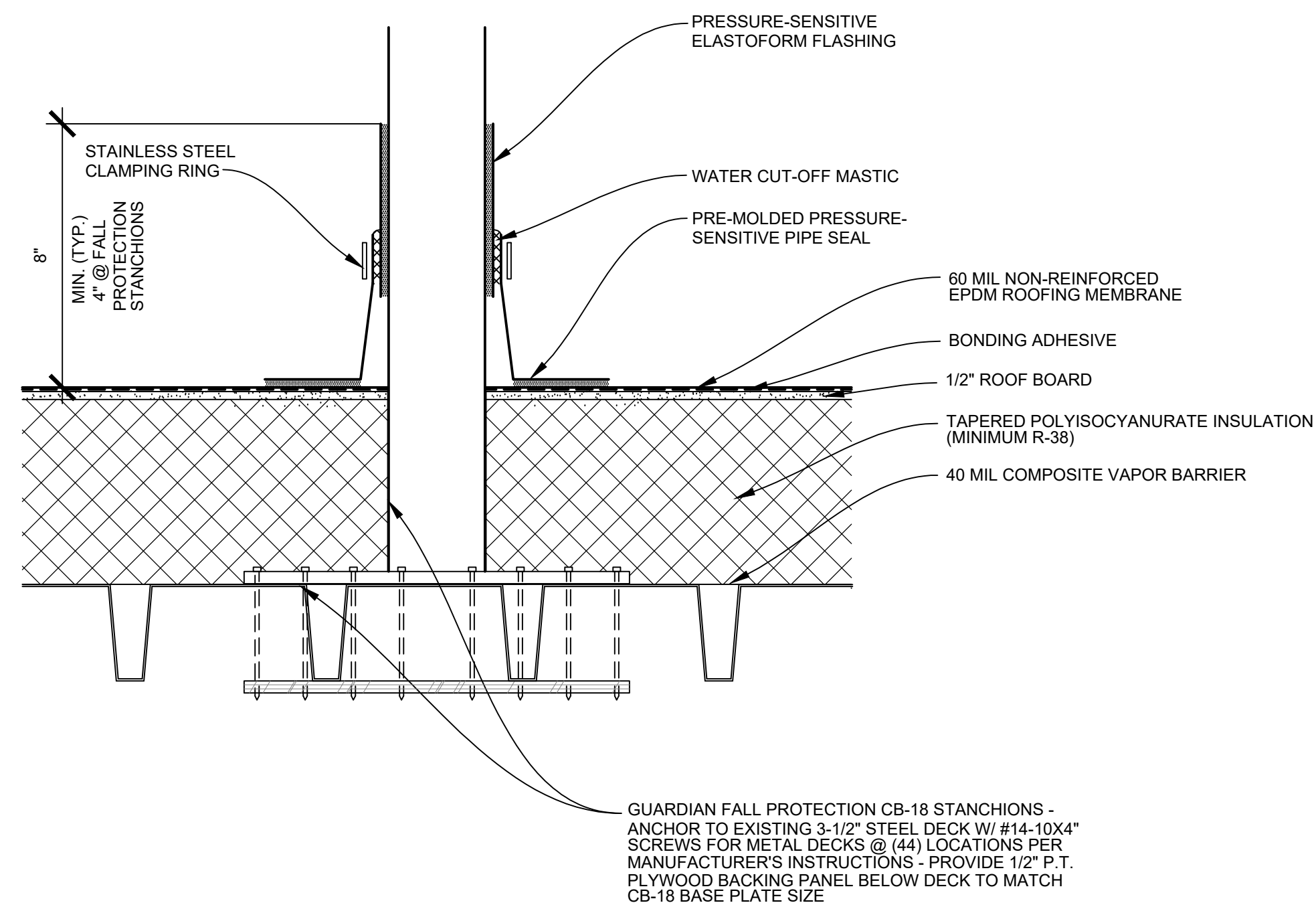
C1 EXPANSION JOINT DETAIL
3"=1'-0"



C5 EXPANSION JOINT DETAIL
3"=1'-0"



A1 FALL PROTECTION DETAIL - CONCRETE ROOF DECK
3"=1'-0"



A5 FALL PROTECTION DETAIL - CONCRETE ROOF DECK
3"=1'-0"

DESIGN FIRM:

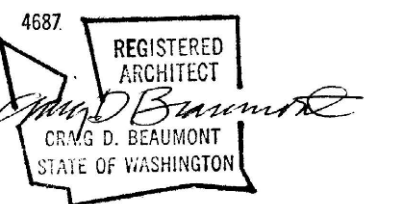


Palouse Design Associates, PLLC

2205 W. Caden Ave.
Spokane, WA 99208
509.432.6652

CONSULTANTS:

PROVISIONAL STAMP:



Facilities Services PH 509-335-5571
2425 E. Grimes Way FAX 509-335-6875
Pullman, Wa. 99164-3611

HAMILTON HALL

PROSSER HAMILTON LAB BLDG.
ROOF REPLACEMENT

FACILITY NO. 2068

MARK	DATE	DESCRIPTION
	4/24/23	CONSTRUCTION DOCUMENTS
	4/11/23	75% REVIEW

CAD DWG FILE: HAMILTONROOF.DWG	
DESIGN BY: CB	
DRAWN BY: CB	CHECKED BY: CB
PROJECT No. 1933-2023	FILE No. 2068-G-014
COPYRIGHT: WASHINGTON STATE UNIVERSITY	

SHEET TITLE

DETAILS

A107

SHEET 8 OF 8 SHEETS