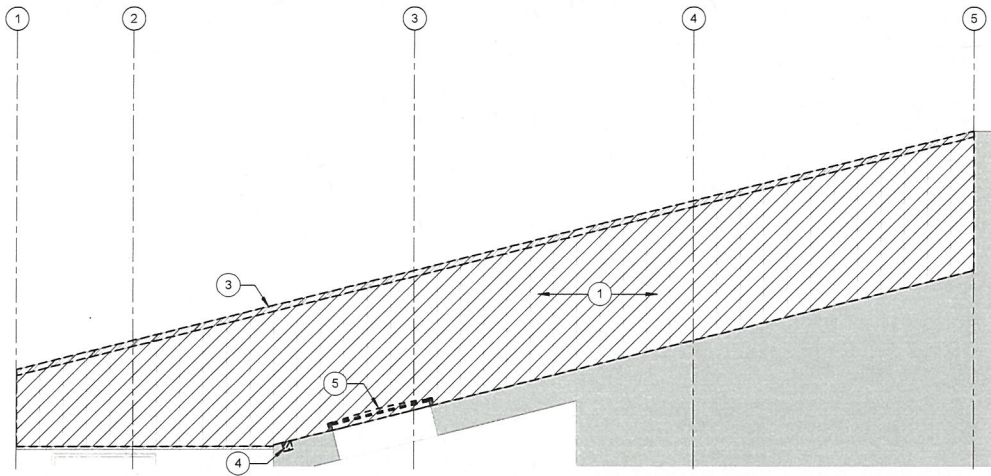


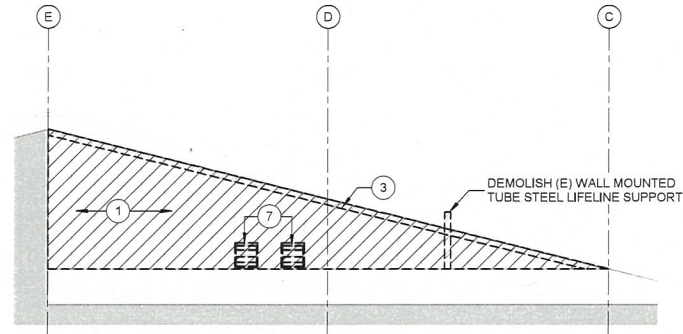
1 PARTIAL NORTH ELEVATION AT ROOF (DEMO)

AD2.2 3/16" = 1'-0"



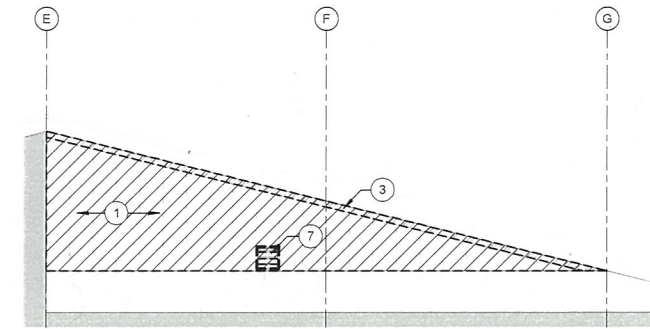
3 PARTIAL SOUTH ELEVATION AT ROOF (DEMO)

AD2.2 3/16" = 1'-0"



2 PARTIAL EAST ELEVATION AT ROOF (DEMO)

AD2.2 3/16" = 1'-0"



4 PARTIAL WEST ELEVATION AT ROOF (DEMO)

AD2.2 3/16" = 1'-0"

DEMOLITION NOTES

- REFER TO SHEET A5.0 FOR DEMOLITION OF EXISTING ROOF AND WALL PANEL ASSEMBLIES.
- EXISTING WALL MOUNTED EQUIPMENT IS SHOWN ON THE ENLARGED ELEVATIONS PER SHEET AD2.2. REFER TO THE SCOPE COORDINATION MATRIX ON SHEET A0.2 FOR INFO.
- CONTRACTOR TO PROVIDE TEMPORARY ACCESS AND DEBRIS CONTROL ALONG THE NORTH ELEVATION. SEE NOTES ON SHEET A0.2 FOR ADDITIONAL INFORMATION.
- NOT ALL DEMOLITION KEYNOTES OR SCOPE OF WORK ITEMS ARE USED OR SHOWN ON THIS SHEET.
- DEMOLITION OF EXISTING METAL ROOF PANELS ARE NOT ON ELEVATIONS FOR CLARITY, REFER TO SHEET AD1.1.

DEMO ELEVATION KEYNOTES

- DEMOLISH (E) MTL. PANEL SIDING/FASCIA PANEL
- (E) MTL. PANEL AT MECHANICAL SCREEN TO REMAIN
- DEMOLISH (E) SPF COATED MTL. FLASHING, TYP.
- DEMOLISH AND FILL (E) IN-BUILT GUTTER PER DETAILS
- DEMOLISH (E) POLYCARBONATE DOME SKYLIGHT
- (E) WALL LOUVER TO REMAIN, DEMO (E) FLASHING
- RELOCATE (E) WALL LOUVER, REFER TO SHEET A2.2
- DEMOLISH (E) ROOF ACCESS DOOR AND TRIM
- REMOVE & REINSTALL (E) WALL MOUNTED EQUIPMENT PER SCOPE COORDINATION MATRIX ON SHEET A0.2.
- (E) STRUCT CHANNEL AT MECH PLATFORM TO REMAIN
- REMOVE AND REINSTALL (E) 12" STEEL GRATING PLANK AT MECHANICAL PLATFORM AS REQUIRED
- (E) SIGNAGE TO BE REMOVED AND SALVAGED BY OWNER

SHEET LEGEND

- (E) 16" STANDING SEAM MTL. SIDING/FASCIA PANEL
- DEMOLISH (E) CONSTRUCTION, SEE DETAILS



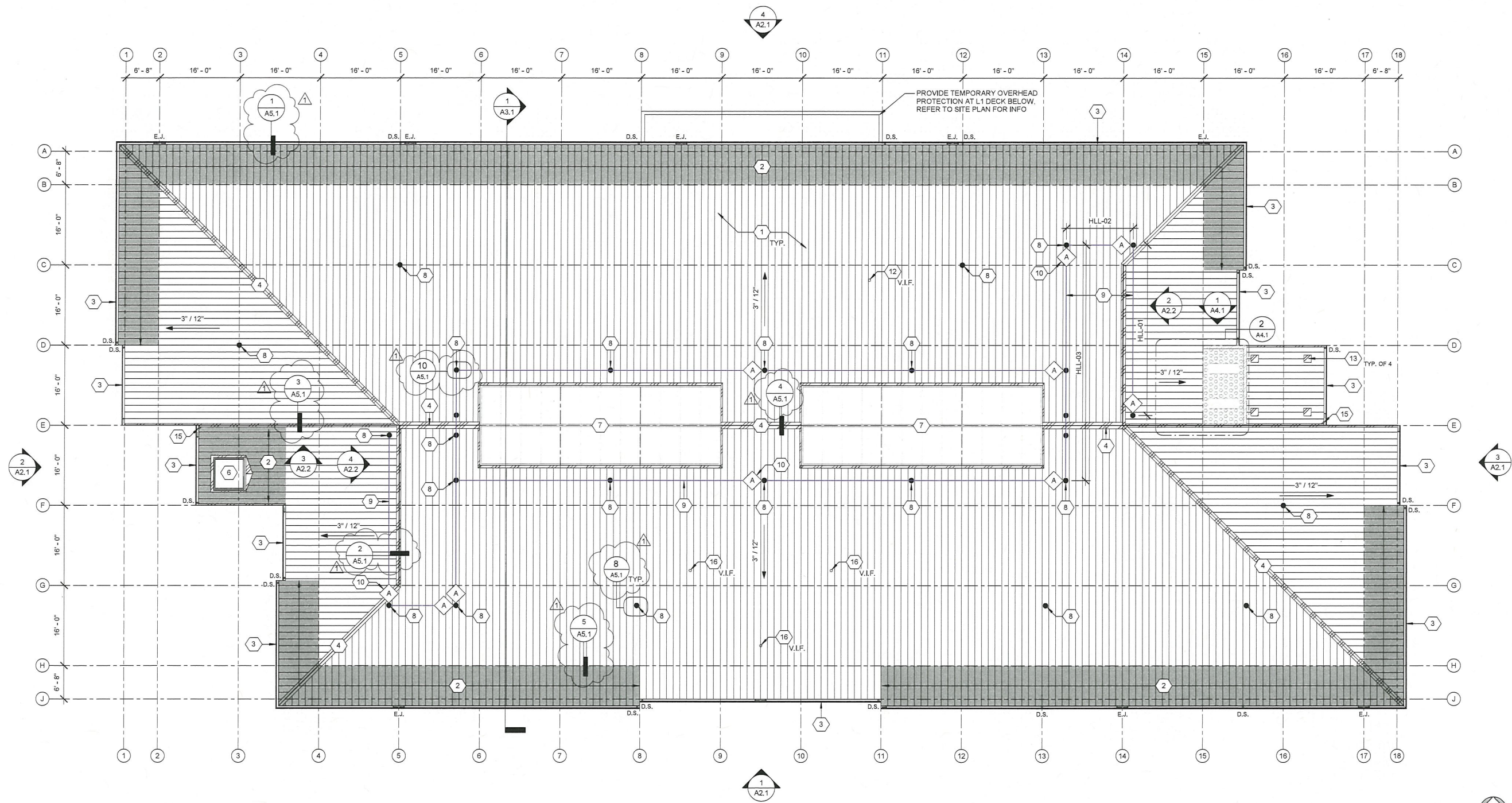
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ADMINISTRATIVE BUILDING
ROOF REPLACEMENT
ENLARGED DEMOLITION ELEVATIONS
TOWNSHIP: 21 RANGE: 03 SECTION: 34
M. ID: 101339 04 DAT-HRZ: WA83-SF VERT:
DRAWING SCALE: As indicated

XXXX
AD2.2
OF
CONT/CONS: 071005
M. ID: 101339 04
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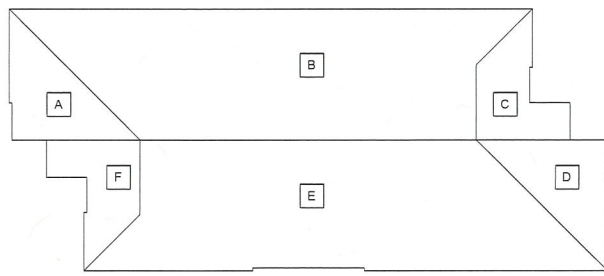


1
A1.1
3/32" = 1'-0"

REPLACEMENT ROOF PLAN

ROOF REPLACEMENT KEYNOTES

- | | |
|---|--|
| 1 R1: (N) 22GA STANDING SEAM MTL. PANEL OVER (E) RIGID INSULATION | 9 (N) STAINLESS STEEL HORIZONTAL CABLE LIFELINE PER 11 01 00 |
| 2 R2: (N) 22GA STANDING SEAM MTL. PANEL OVER (E) PLYWOOD DECK | 10 (N) IMPACT ABSORBER AT LIFELINE CONNECTION PER 11 01 00 |
| 3 (N) 22GA PREFINISHED METAL GUTTER AT EAVE | 11 (N) BIRD DETERRENT GRID WIRE PER 10 81 13 |
| 4 (N) 22GA PREFINISHED METAL ROOF FLASHING. SEE DETAILS | 12 (N) BIRD DETERRENT SUPPORT POLE PER 10 81 13 |
| 5 (N) 4" ROUND DOWNSPOUT LOCATION | 13 (N) STATIC ROOF VENT PER 07 72 00 |
| 6 (N) POLYCARBONATE DOME SKYLIGHT PER 07 72 00 | 14 (N) GUY WIRE ANCHOR POINT PER 07 72 00 |
| 7 (E) RIDGE SKYLIGHT ASSEMBLY TO REMAIN | 15 (N) SHEET METAL DIVERTER FLASHING PER DETAILS |
| 8 (N) FALL FALL PROTECTION ANCHOR PER 11 01 00 | 16 (N) BOOT FLASHING AT EXISTING VENT THRU ROOF (VTR) |



ROOF AREA KEY PLAN
NOT TO SCALE

ROOF DRAINAGE CALCULATIONS

ROOF	ROOF AREA	GUTTER	# DS
ROOF "A"	1,548 SQFT	56 LF	2 CT
ROOF "B"	9,155 SQFT	224 LF	5 CT
ROOF "C"	1,293 SQFT	56 LF	2 CT
ROOF "D"	1,548 SQFT	56 LF	2 CT
ROOF "E"	9,090 SQFT	224 LF	5 CT
ROOF "F"	1,250 SQFT	56 LF	2 CT

RAINFALL INTENSITY (PER SMACNA TABLE 1-2)
 10-YEAR STORM 2.1 IN/HR 570 FT²/IN²
 100-YEAR STORM 3.3 IN/HR 360 FT²/IN²

DOWNSPOUT DIMENSIONS (PER SMACNA TABLE 1-3)
 4" ROUND DOWNSPOUT = 11.04 IN²
 11.04 IN² X 360 FT² = 3,974 SQFT
 3,974 SQFT PER DOWNSPOUT (BASED ON 100-YR STORM)

GUTTER DIMENSIONS:	MINIMUM	PROVIDED	CHECK
WIDTH:	5-1/2"	7"	OK
DEPTH:	4-1/2"	6-1/2"	OK

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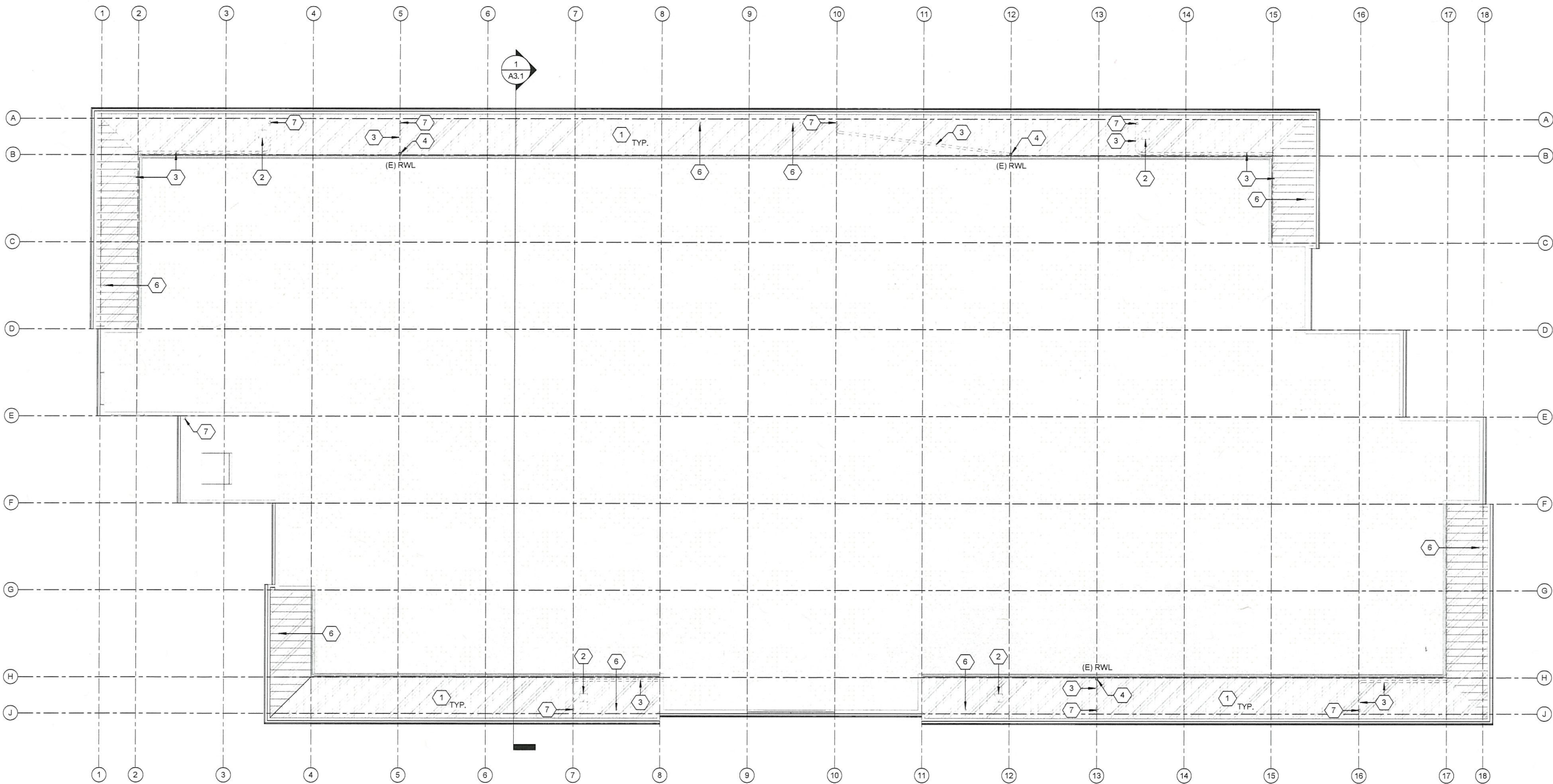
ADMINISTRATIVE BUILDING
ROOF REPLACEMENT

REPLACEMENT ROOF PLAN
SECTION: 34
RANGE: 03
VERT: _____

CONT/CONS: 071005
 M. ID: 101339.04
 DATE-HRZ: WA83-SF
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A1.1
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1 SECOND FLOOR REFLECTED CEILING PLAN
 A1.2 3/32" = 1'-0"

CEILING PLAN KEYNOTES

- 1 (E) PERFORATED SOFFIT PANEL TO REMAIN, TYP.
- 2 (E) SOFFIT ACCESS PANEL TO REMAIN
- 3 (E) CONCEALED RAINLEADER IN SOFFIT CAVITY
- 4 (E) 4" DIA. PVC RAINLEADER (RWL) TO REMAIN
- 5 (N) DOWNSPOUT OUTLET AT NEW GUTTER
- 6 (E) OVERFLOW OUTLET TO BE ABANDONED
- 7 (E) PRIMARY OUTLET TO RAINLEADER

RCP LEGEND

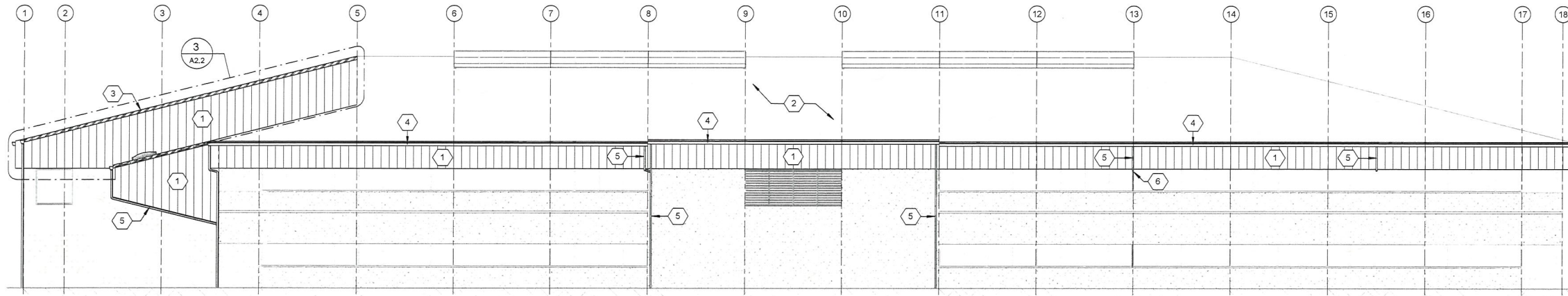
- (E) PERFORATED ALUMINUM SOFFIT PANEL
- DEMOLISH (E) CONSTRUCTION PER DETAILS
- EXISTING CONSTRUCTION - NOT IN SCOPE
- D.S. (E) DOWNSPOUT
- O.D. (E) OVERFLOW DRAIN



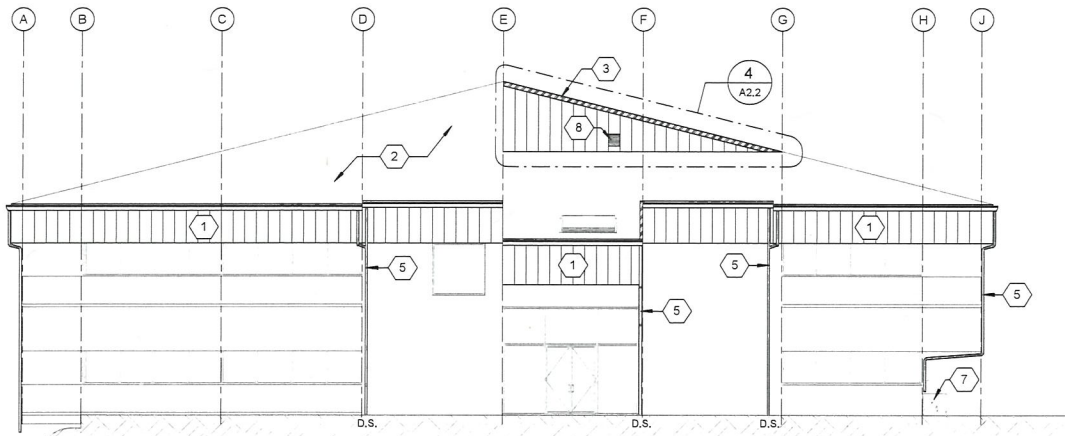
 Port of Tacoma <small>P.O. BOX 187 TACOMA, WA 98401 (206) 835-5911</small>	 OAI PS <small>Architecture & Planning</small> 101 SW KLUCKITAT WAY, STE. 208 SEATTLE, WA 98154 (206) 631-6642	CHECKED BY: _____ DATE: _____ CHECKED BY: _____ DATE: _____ CHECKED BY: _____ DATE: _____	APPROVED: _____ DIRECTOR ENGR. DATE PROJ. ENGR DATE PRINTED BY: JJM PORT ADDRESS: ONE SITCUM WAY TACOMA, WA 98401-1837	MARK: REVISION: _____ BY: _____ DATE: _____ MARK: REVISION: _____ BY: _____ DATE: _____
ADMINISTRATIVE BUILDING ROOF REPLACEMENT		SECOND FLOOR REFLECTED CEILING PLAN TOWNSHIP: 21 RANGE: 03 SECTION: 34 DAT-HRZ: WA83-SF VERT: _____ DRAWING SCALE: As indicated		
XXXX A1.2 OF		CONT/CONS: 071005 M. ID: 101339.04 CASE: PERMIT SUBMITTAL		

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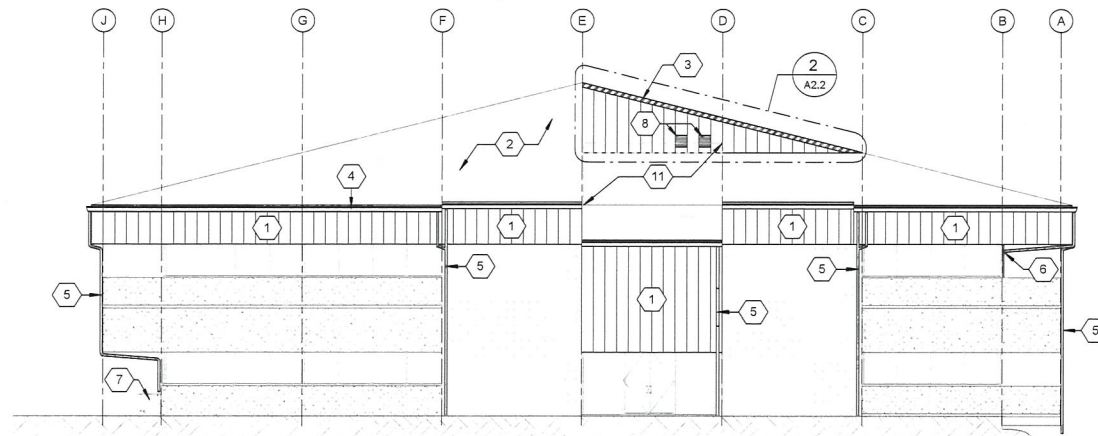
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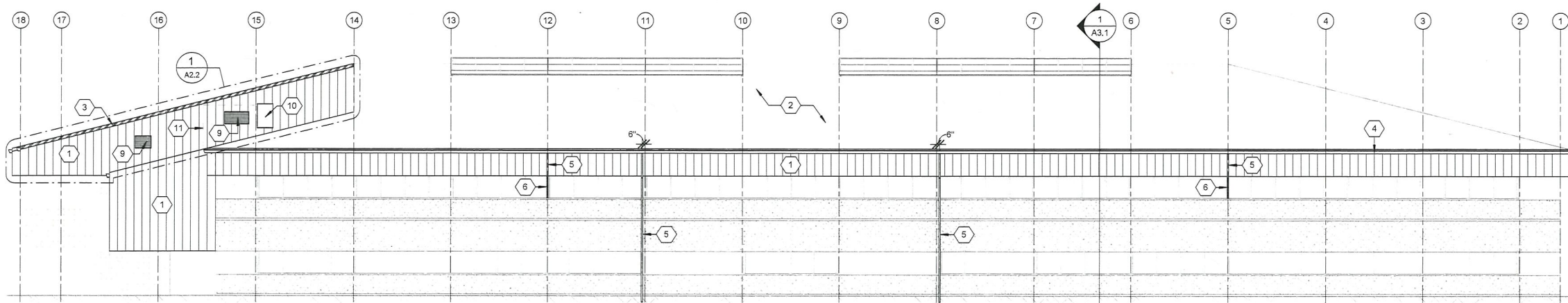
1 SOUTH ELEVATION (NEW)
A2.1 3/32" = 1'-0"



2 WEST ELEVATION (NEW)
A2.1 3/32" = 1'-0"



3 EAST ELEVATION (NEW)
A2.1 3/32" = 1'-0"



4 NORTH ELEVATION (NEW)
A2.1 3/32" = 1'-0"

ELEVATION KEYNOTES

- 1 (N) METAL WALL PANEL PER DETAIL 6/A5.0
- 2 (N) METAL ROOF PANEL - NOT SHOWN FOR CLARITY
- 3 (N) METAL FLASHING, REFER TO DETAILS
- 4 (N) 22GA CONTINUOUS METAL GUTTER
- 5 (N) 4" DIA. SCHEDULE 40 PVC DOWNSPOUT
- 6 (E) RAINLEADER, TIE-IN WITH (N) PVC DOWNSPOUT
- 7 (E) RAINWATER PLANTER
- 8 (E) RELOCATED LOUVER, SEE ENLARGED ELEVATIONS
- 9 (E) WALL LOUVER TO REMAIN
- 10 (N) ROOF ACCESS DOOR, SEE ENLARGED ELEVATION
- 11 (E) MECHANICAL SCREEN
- 12 (E) WALL MOUNTED EQUIPMENT, REFER TO ENLARGED ELEVATIONS AND SCOPE COORDINATION MATRIX ON A0.2

SHEET LEGEND

- (N) 16" STANDING SEAM MTL SIDING/FASCIA PANEL



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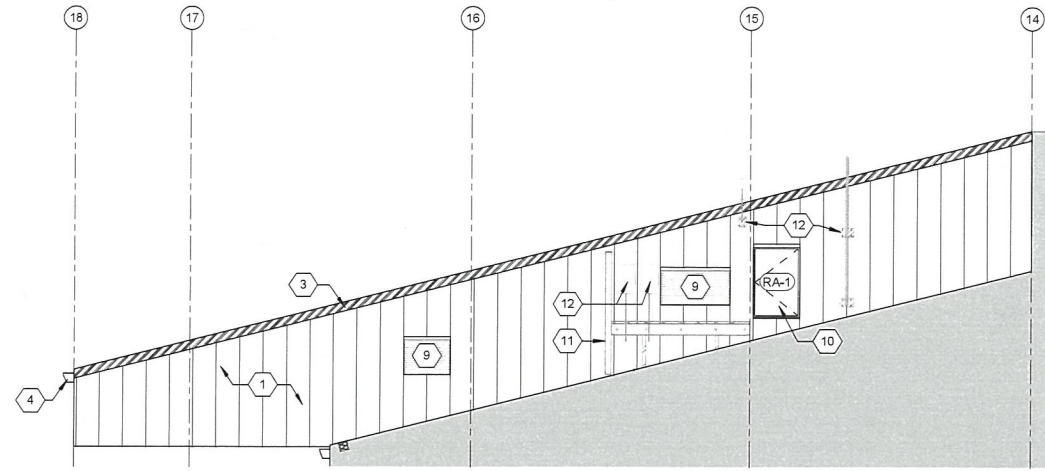
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**ADMINISTRATIVE BUILDING
ROOF REPLACEMENT
EXTERIOR ELEVATIONS**

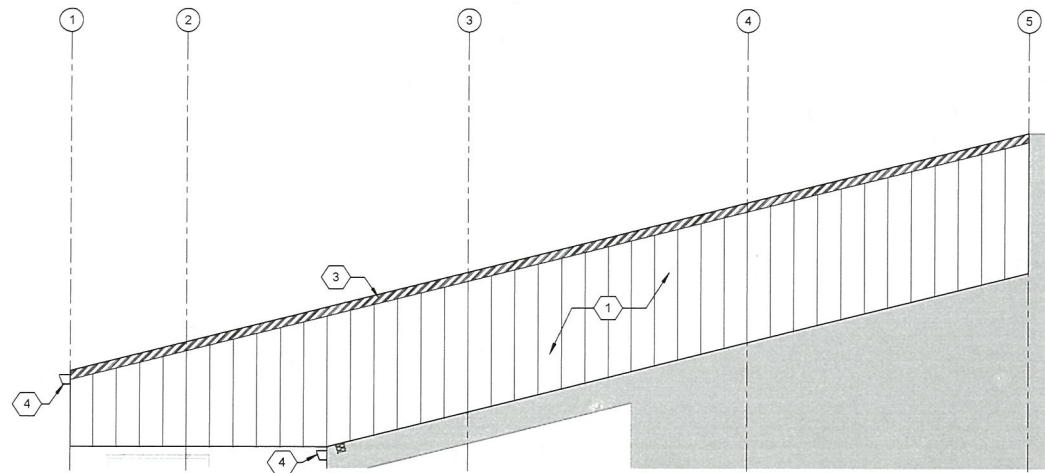
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A2.1
OF

CONT/CONS: 071005	TOWNSHIP: 21	RANGE: 03	SECTION: 34
M. ID: 101339.04	DAT-HRZ: WA83-SF	VERT:	DRAWING SCALE: As indicated
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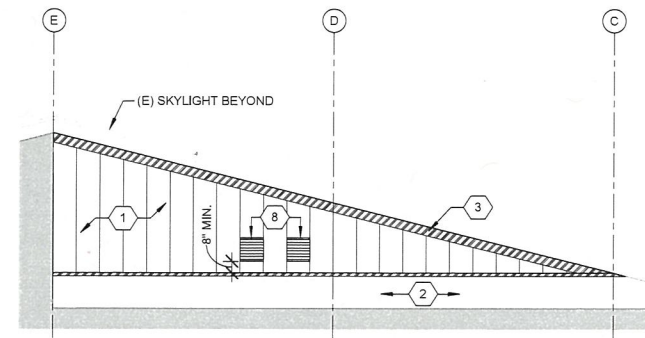
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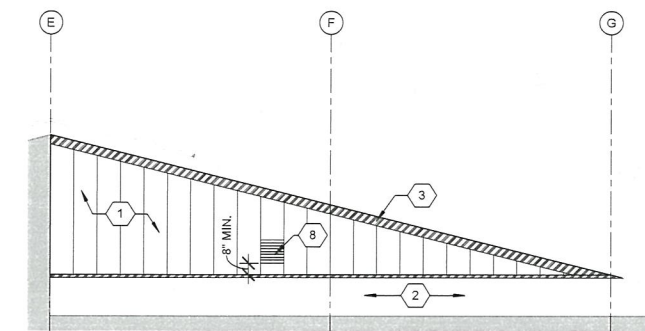
1 PARTIAL NORTH ELEVATION AT ROOF (NEW)
 A2.2 3/16" = 1'-0"



3 PARTIAL SOUTH ELEVATION AT ROOF (NEW)
 A2.2 3/16" = 1'-0"



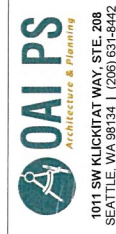
2 PARTIAL EAST ELEVATION AT ROOF (NEW)
 A2.2 3/16" = 1'-0"



4 PARTIAL WEST ELEVATION AT ROOF (NEW)
 A2.2 3/16" = 1'-0"

ELEVATION KEYNOTES	
1	(N) METAL WALL PANEL PER DETAIL 6/A5.0
2	(N) METAL ROOF PANEL - NOT SHOWN FOR CLARITY
3	(N) METAL FLASHING, REFER TO DETAILS
4	(N) 22GA CONTINUOUS METAL GUTTER
5	(N) 4" DIA. SCHEDULE 40 PVC DOWNSPOUT
6	(E) RAINLEADER, TIE-IN WITH (N) PVC DOWNSPOUT
7	(E) RAINWATER PLANTER
8	(E) RELOCATED LOUVER, SEE ENLARGED ELEVATIONS
9	(E) WALL LOUVER TO REMAIN
10	(N) ROOF ACCESS DOOR, SEE ENLARGED ELEVATION
11	(E) MECHANICAL SCREEN
12	(E) WALL MOUNTED EQUIPMENT, REFER TO ENLARGED ELEVATIONS AND SCOPE COORDINATION MATRIX ON A0.2

SHEET LEGEND	
	(N) 16" STANDING SEAM MTL. SIDING/FASCIA PANEL



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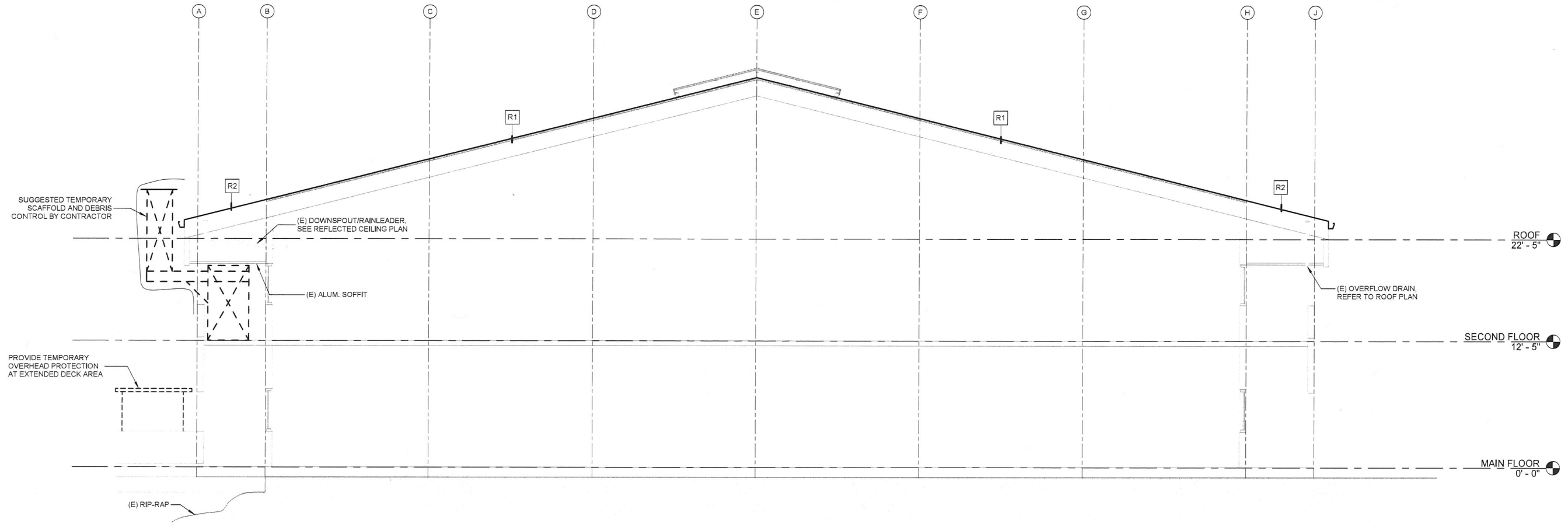
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**ADMINISTRATIVE BUILDING
 ROOF REPLACEMENT**
ENLARGED ELEVATIONS

CONTR/CONS: 071005	TOWNSHIP: 21	RANGE: 03	SECTION: 34
M. ID: 101339.04	DAT-HRZ: WA83-SF	VERT:	
PACKAGE: PERMIT SUBMITTAL	PARCEL:	DRAWING SCALE: As indicated	

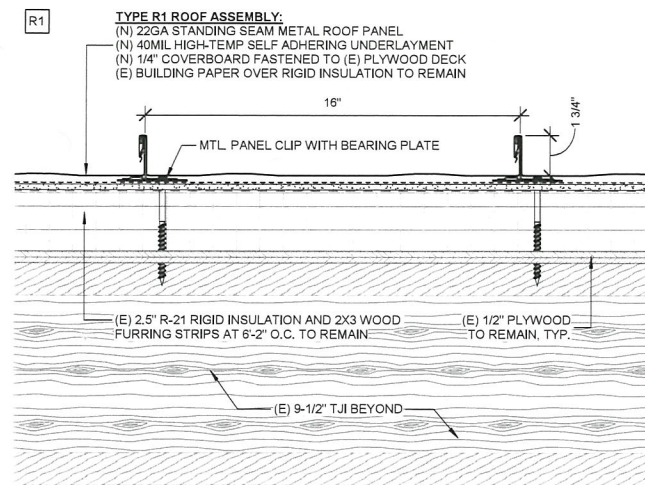
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A2.2
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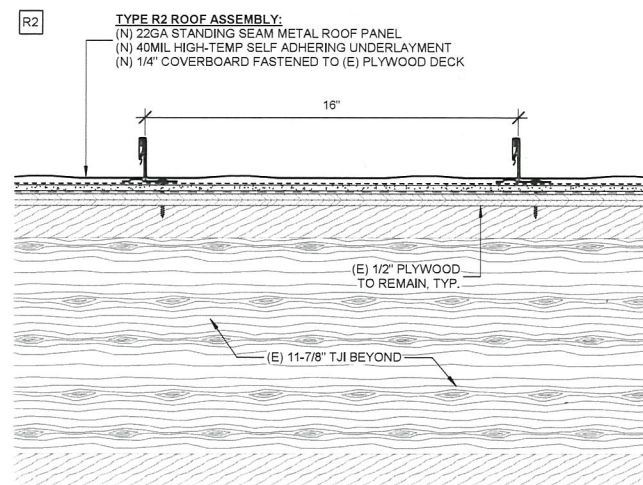
1
A3.1
3/16" = 1'-0"

TYPICAL BUILDING SECTION



2
A3.1
3" = 1'-0"

R1: (N) MTL. ROOF AT (E) INSUL.



3
A3.1
3" = 1'-0"

R1: (N) MTL. ROOF AT (E) PLYWD.



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TOWNSHIP: 21	VERT:
DAT-HRZ: WA83-SF	

DRAWING SCALE: As indicated

CONTR/CONS: 071005	TOWNSHIP: 21	SECTION: 34
M. ID: 101339.04	DAT-HRZ: WA83-SF	RANGE: 03
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5 NW AT PLATFORM
A4.1 NTS



4 NORTH AT SCREEN
A4.1 NTS



3 (E) HEAT PUMPS
A4.1 NTS



8 ELEC. SWITCHES
A4.1 NTS



7 EXISTING GRATING
A4.1 NTS



6 PLATFORM AT WALL
A4.1 NTS



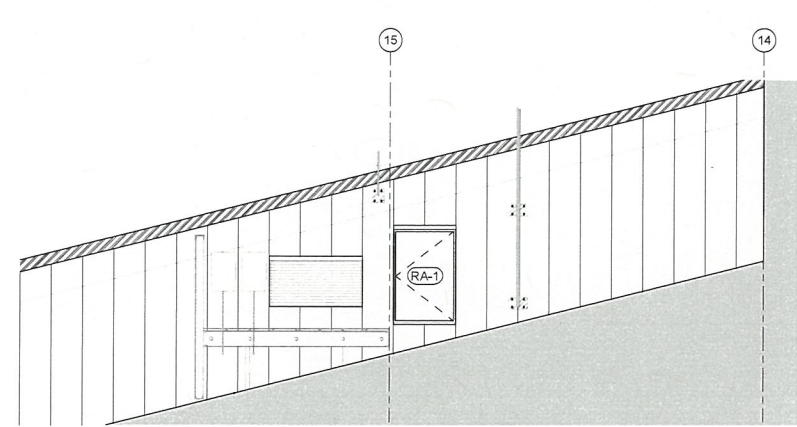
11 SUPPORT THRU ROOF
A4.1 NTS



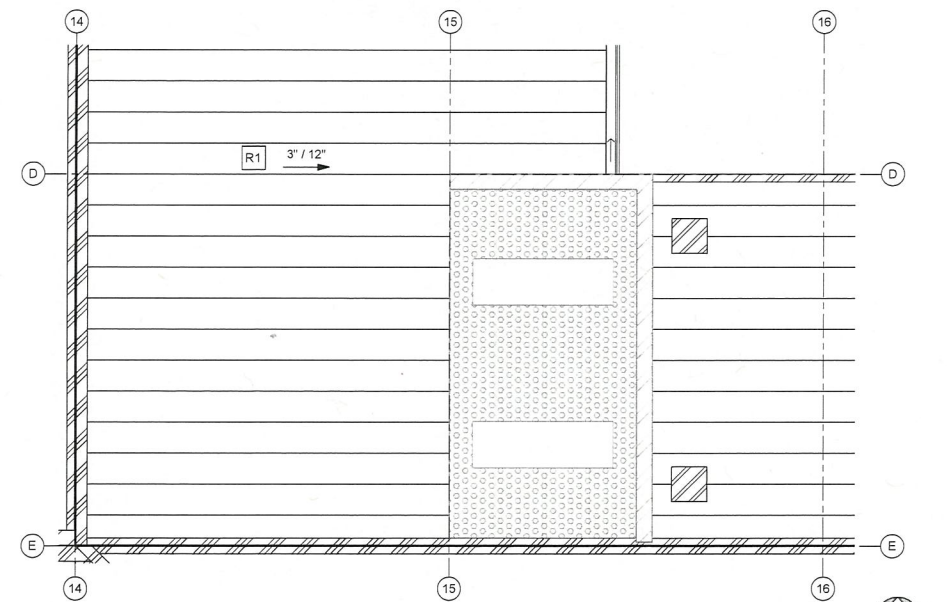
10 CHANNEL AT WALL
A4.1 NTS



9 PLATFORM SUPPORT
A4.1 NTS



1 ENLARGED PLATFORM ELEVATION - NORTH
A4.1 1/4" = 1'-0"



2 ENLARGED PLATFORM PLAN
A4.1 1/4" = 1'-0"

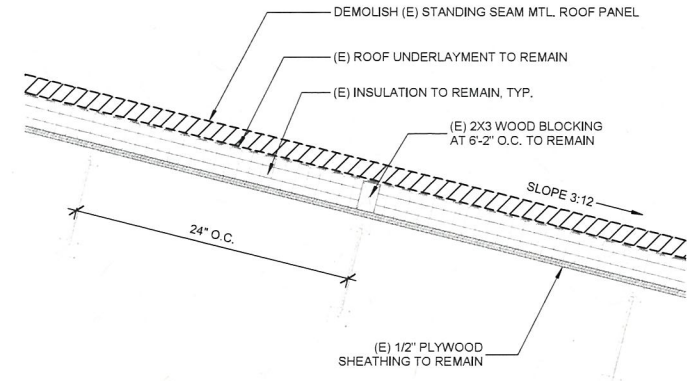
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ADMINISTRATIVE BUILDING
ROOF REPLACEMENT

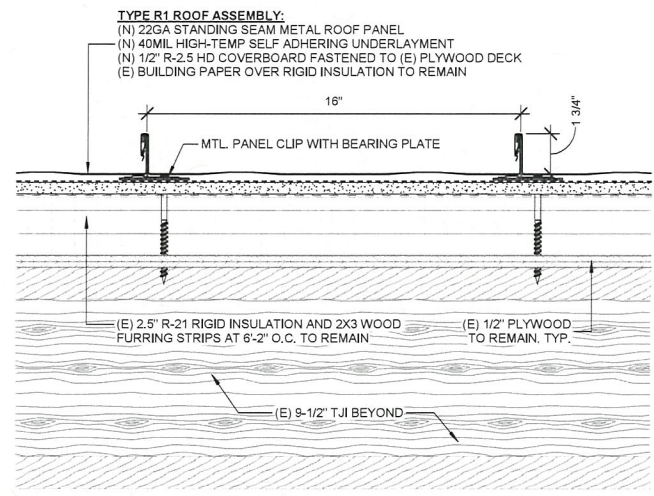
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A4.1
OF

ENLARGED PLATFORM DETAILS
TOWNSHIP: 21 RANGE: 03 SECTION: 34
M. ID: 101339.04 DAT-HRZ: WA83-SF VERT:
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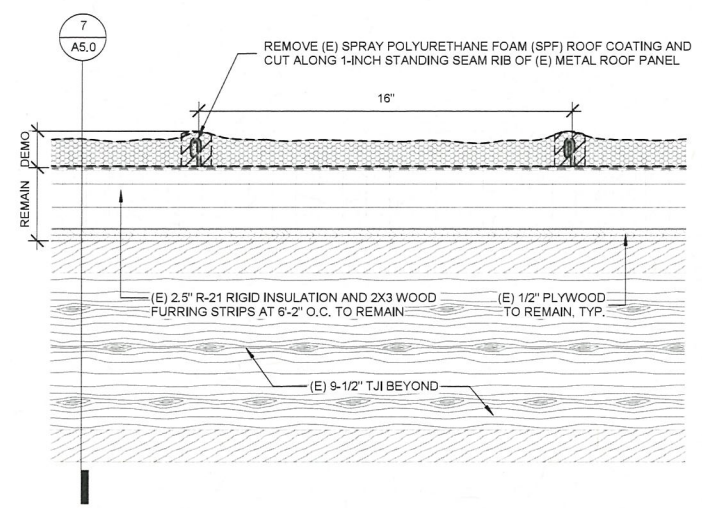
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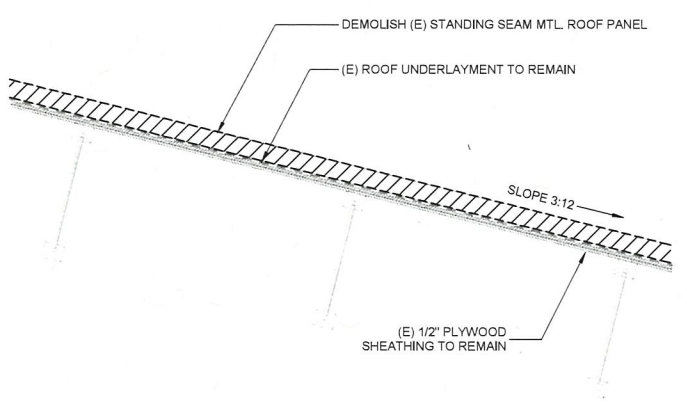
7
A5.0
R1: (E) ASSEMBLY SECTION
1 1/2" = 1'-0"



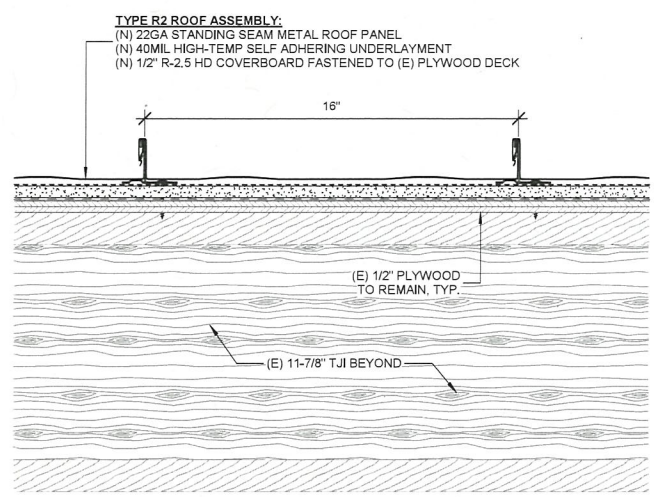
4
A5.0
R1: (N) MTL. ROOF AT (E) INSUL.
3" = 1'-0"



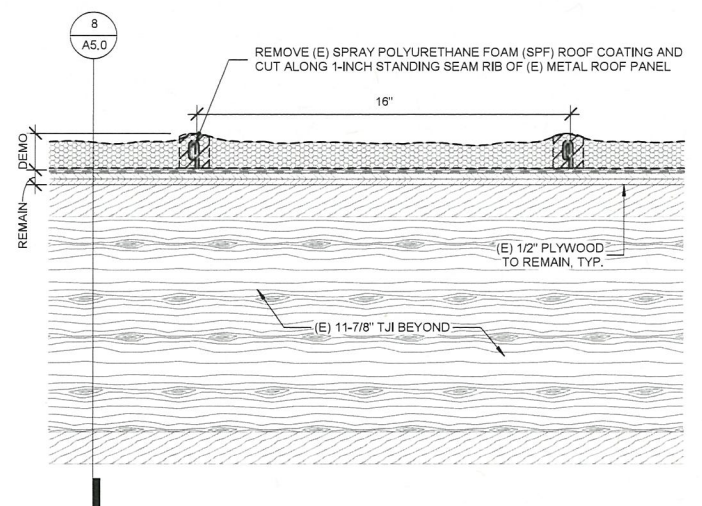
1
A5.0
R1: (E) MTL. ROOF DEMO AT INSUL.
3" = 1'-0"



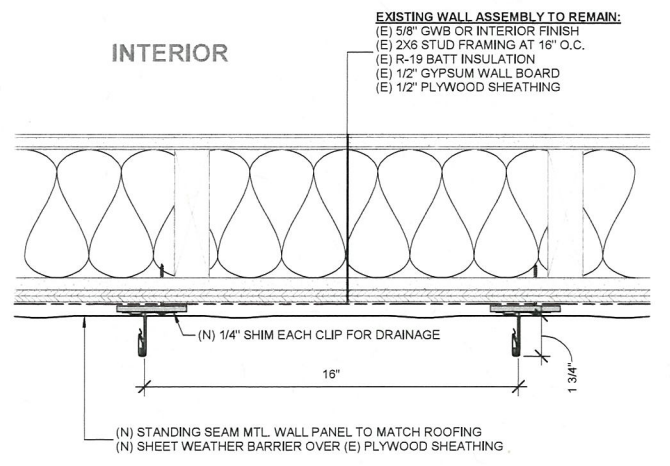
8
A5.0
R2: (E) ASSEMBLY SECTION
1 1/2" = 1'-0"



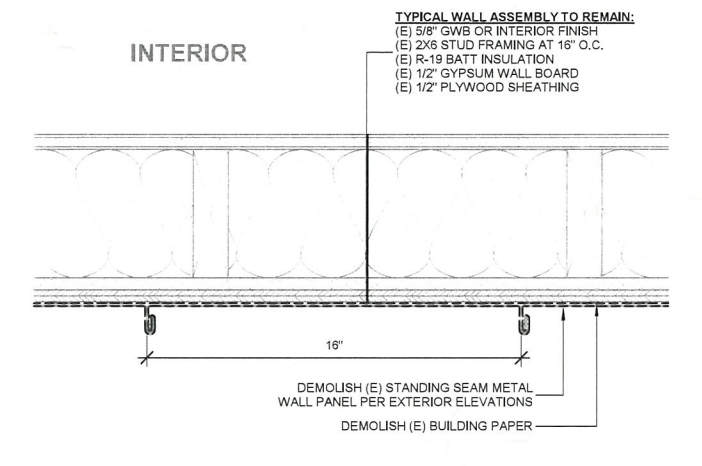
5
A5.0
R1: (N) MTL. ROOF AT (E) PLYWD.
3" = 1'-0"



2
A5.0
R2: (E) MTL. ROOF DEMO AT PLYWD.
3" = 1'-0"



6
A5.0
W1: (N) MTL. SIDING ASSEMBLY
3" = 1'-0"



3
A5.0
W1: (E) MTL. SIDING DEMO DETAIL
3" = 1'-0"

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DIRECTOR ENG. DATE PROJ. ENGR DATE PRINTED B.Y.: JUN		CHECKER DATE	
PORT ADDRESS: ONE SITCUM WAY TACOMA, WA 98401-1837		DATE	
ADMINISTRATIVE BUILDING ROOF REPLACEMENT		ROOF AND WALL ASSEMBLIES	
TOWNSHIP: 21 RANGE: 03 SECTION: 34		DATE: 07/10/05	
DAT-HRZ: WA83-SF VERT:		M. ID: 101339.04	
DRAWING SCALE: As indicated		CASE: PERMIT SUBMITTAL	
XXXX A5.0 OF		CONT/CONS: 071005	

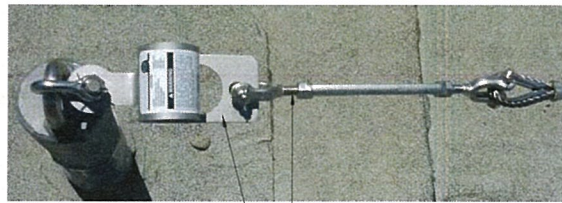
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Department of Public Works
Division of Engineering Compliance



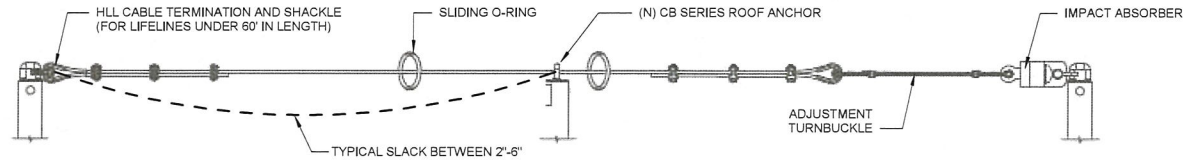
LIFELINE CORNER DETAIL

LOCATE AND GANG IMPACT ABSORBERS ON SINGLE FALL ANCHOR WHERE POSSIBLE TO AID IN VISUAL INSPECTION

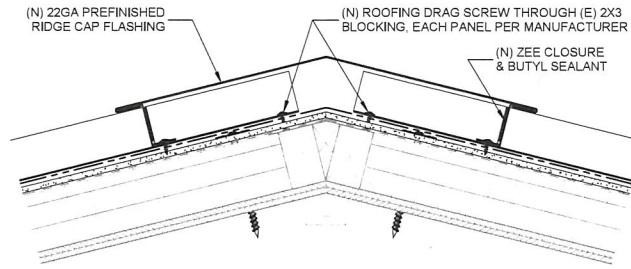


LIFELINE TERMINATION DETAIL

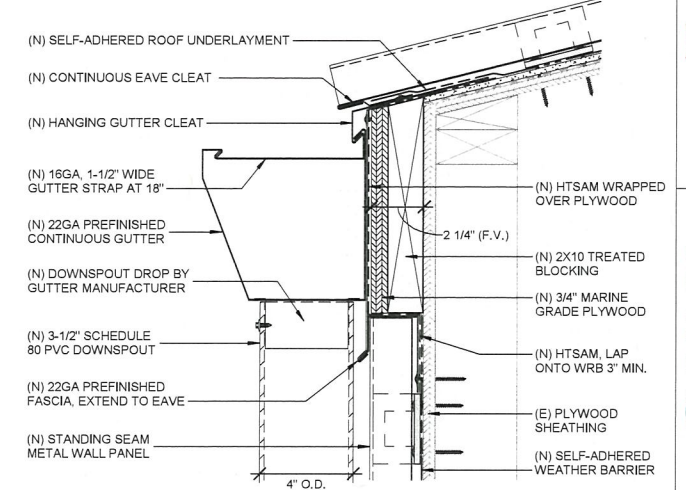
(N) TURNBUCKLE AT LIFELINE
(N) LIFELINE SHOCK ABSORBER, TYP.



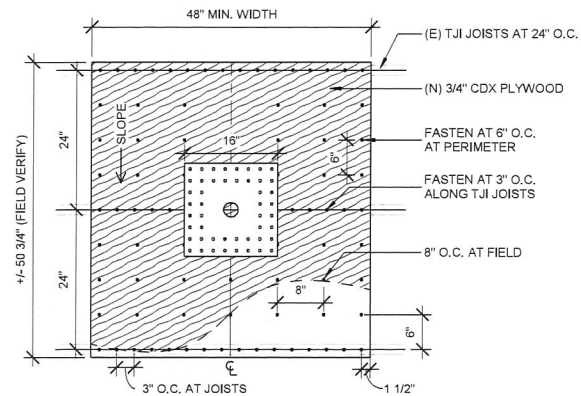
10 (N) HORIZONTAL LIFELINE DETAILS
A5.1 NTS



4 (N) RIDGE CAP DETAIL
A5.1 3" = 1'-0"

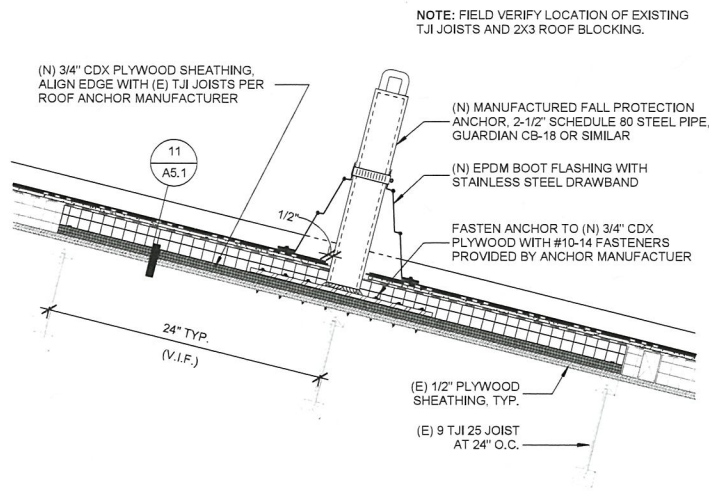


1 (N) ROOF EAVE DETAIL
A5.1 3" = 1'-0"

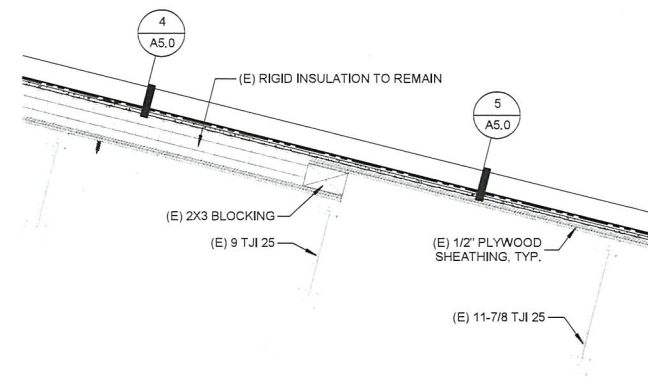


ROOF ANCHOR REINFORCEMENT NOTES:
• FIELD VERIFY LOCATION OF ALL JOISTS AND BLOCKING.
• EXISTING 1/2" PLYWOOD SHEATHING NOT SHOWN FOR CLARITY.
• FASTEN (N) 3/4" CDX PLYWOOD AT 3" O.C. ALONG JOISTS, 6" O.C. AT PERIMETER, AND 8" O.C. IN FIELD.
• FASTENERS SHALL BE COMPLETELY PENETRATE AND EMBED THROUGH REINFORCEMENT CDX AND EXISTING 1/2" SHEATHING.
• INSTALL (N) ROOF ANCHORS TO 3/4" CDX PLYWOOD BACKING PER MANUFACTURERS INSTRUCTIONS, #14 SCREWS MIN.

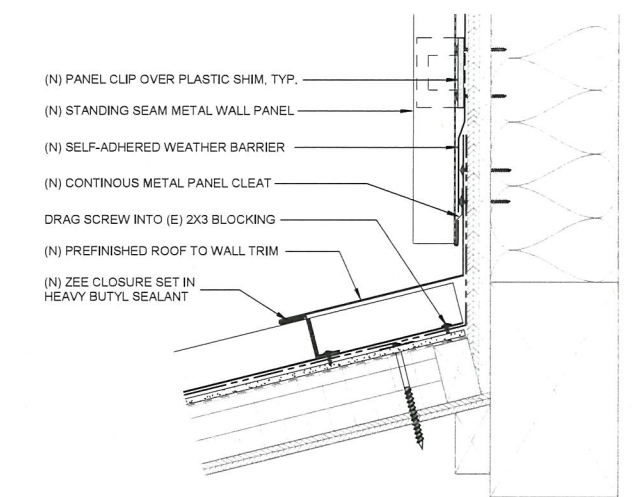
11 (N) ROOF ANCHOR REINFORCEMENT
A5.1 3/4" = 1'-0"



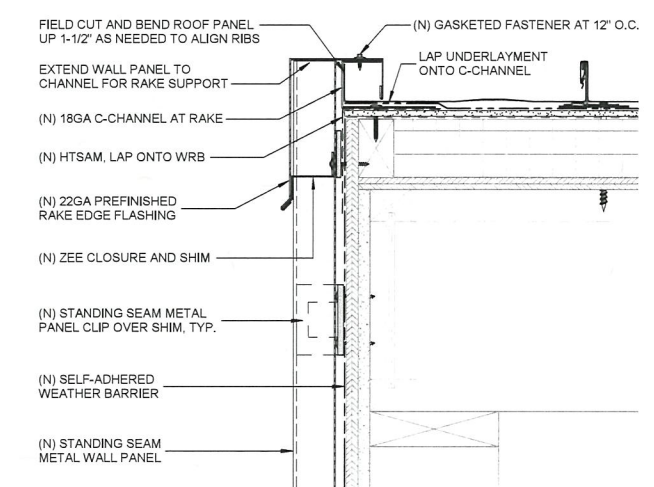
8 (N) ROOF ANCHOR DETAIL
A5.1 1 1/2" = 1'-0"



5 ROOF DECK TRANSITION
A5.1 1 1/2" = 1'-0"



2 (N) ROOF TO WALL DETAIL
A5.1 3" = 1'-0"



3 (N) RAKE EDGE
A5.1 3" = 1'-0"

Checker	DATE

DIRECTOR	ENG.	DATE	PROJ.	ENGR	DATE

PRINTED BY:	DATE

PORT ADDRESS:	ONE	SITCUM	WAY

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APPENDIX C

CITY OF TACOMA SHORELINE

SUBSTANTIAL DEVELOPMENT

PERMIT EXEMPTION

LU20-0052