STATEMENT OF WORK
Pole Barn Roof Replacement
22 April 2026

1.0 Organization. The Northwest Fisheries Science Center (NWFSC) is a marine research organization owned and operated by the U.S. Department of Commerce, National Oceanic and Atmospheric Administration (NOAA), National Marine Fisheries Service (NMFS). NWFSC has five (5) major campuses located in Washington and Oregon. The regional headquarters for NWFSC is located at 2725 Montlake Blvd E., Seattle, WA 98112. This Statement of Work requires the contractor to perform tasks at the Newport Research Station in Newport, Oregon.

2.0 Newport Field Research Station. The NWFSC's Newport Research Station is located at 2032 S.E. OSU Drive, Newport, OR 97365. Figure-2.1 of Exhibit A shows four main buildings on this campus with various scientific apparatus and portable structures in the courtyards. The construction date for these buildings varies from 1978 to 2002. The Pole Barn was labeled as the Covered Test Area as shown in the drawings provide in Section 7. This structure was constructed in the early 1980's

3.0 Services Required. Provide all labor, materials, equipment, supervision, and incidentals necessary to remove and replace the existing roofing system with a new metal roofing system. Work shall include flashings, penetrations, replacement of existing roof vents (if any), and installation of permanent roof anchors. All materials, fasteners, and components shall be corrosion-resistant and suitable for marine coastal environments. Contractor shall prevent galvanic corrosion between dissimilar metals and isolate treated wood from metal components as required. Where codes are not specified, applicable industry standards shall govern.

3.1 <u>Task 1 – Pole Barn Roof Replacement.</u> The Pole Barn, as shown in Figure 2.1 of Exhibit A as Building 4, is a beam-on-post structure with an open roof frame of rafters and purlins constructed in 1981. Roof rafters and posts are placed at 20-foot interval with roof purlins at 10-foot interval between rafters. The building basic footprint is 40 feet wide and 80 feet long. The roof is relatively flat with about 11 feet in height at the apex. See photos in Exhibit A for more perspectives. Contractor shall field verify all conditions prior to construction.

3.1.1 ***Applicable Codes and Standards***. The contractor shall perform all work in compliance with the following codes and standards:
3.1.1.1 Oregon Structural Specialty Code (OSSC), as adopted and amended.
3.1.1.2 International Building Code (IBC), latest adopted edition.
3.1.1.3 Local amendments applicable to jurisdiction.
3.1.1.4 ASCE 7 – Minimum Design Loads and Associated Criteria for Buildings and Other Structures. Design shall include:
3.1.1.4.1 Wind, snow, and dead loads.
3.1.1.4.2 Coastal exposure classification (Exposure C or D, as applicable).
3.1.1.4.3 In the event of conflict, applicable codes and manufacturer requirements shall govern.

3.1.2 ***Wind Performance Requirements.***
3.1.2.1 Roof system shall be designed in accordance with ASCE 7 (latest adopted) using site-specific parameters. A minimum ultimate design wind speed of 110 mph shall be met and shall not supersede more stringent code requirements.

3.1.2.2 Installation methods, fastening patterns, and system components shall be based on manufacturer-published wind uplift performance data.

3.1.3 ***Roofing Removal.*** Contractor shall remove, dispose of, and recycle (if applicable) all existing roofing materials.

3.1.4 ***Roofing System.*** Contractor shall submit pricing for the roofing system outline below
3.1.4.1 *System Description*.
3.1.4.1.1 Provide a through-fastened metal roof system over open purlins.
3.1.4.1.2 Ribbed panel profile: T13 panel by Metal Sales Manufacturing Corporation or equal.

3.1.4.2 *Structural Requirement.*
3.1.4.2.1 System shall be designed to accommodate approximately 10-foot purlin spacing
3.1.4.2.2 Contractor shall verify spanning capability of proposed panel system
3.1.4.2.3 Provide engineered design or supplemental framing if required
3.1.4.2.4 Submit manufacturer data verifying compliance with ASCE 7 wind loads

3.1.4.3 *Materials*
3.1.4.3.1 Steel panels shall be 18 gauge minimum.
3.1.4.3.2 PVDF coating for coastal exposure.

3.1.4.4 *Fasteners*
3.1.4.4.1 Exposed fasteners shall be self-drilling screws with factory-bonded sealing washers. Washers shall be UV-resistant and suitable for long-term exterior exposure (e.g., EPDM or equivalent).
3.1.4.4.2 Fasteners shall be corrosion-resistant or stainless steel and compatible with adjoining materials.
3.1.4.4.3 Fasteners shall be installed in accordance with manufacturer requirements to achieve a watertight seal without over-compression, deformation, or damage to the sealing washer. Washers shall be fully seated and intact after installation.

3.1.4.5 *Sealants and Closures*
3.1.4.5.1 Sealant at panel laps.
3.1.4.5.2 Closures at ridges and eaves.
3.1.4.5.3 Installation shall provide weather-resistant performance.

3.1.5 ***Flashing and Edge Metal***
3.1.5.1 Provide manufacturer-recommended flashings compatible with the specified roofing system
3.1.5.2 Install at all required locations including eaves, rakes, roof transitions, and penetrations
3.1.5.3 Flashings shall form a continuous watertight assembly

3.1.6 ***Roof Penetrations and Roof Vents***
3.1.6.1 Existing vents, if any, shall be removed and replaced with compatible corrosion-resistant components
3.1.6.2 Abandoned penetrations, if any, shall be removed and framing/purlins repaired as required
3.1.6.3 No new roof vents are required

3.1.7 ***Fall Protection and Roof Anchors***
3.1.7.1 Contractor shall provide OSHA-compliant fall protection during construction .
3.1.7.2 Provide and install one (1) permanent roof anchor compatible with the roofing system, located near the roof ridge, rated for personal fall arrest systems (PFAS)

3.2 Task 2 – Fascia Board and Corner Trim Replacement. Provide complete replacement of all wooden fascia boards along the 80-ft length side of the structure and corner trims on four (4) corners.
3.2.1 *General Requirements*
3.2.1.1 Provide durable and weather-resistant edge condition
3.2.1.2 Materials shall be suitable for exterior coastal exposure

3.2.2 *Fascia Boards*
3.2.2.1 Decay-resistant or preservative-treated wood (UC3B or better)
3.2.2.2 Primer plus two coats of paint or solid-body stain
3.2.2.3 Color to match existing adjacent surfaces

3.2.3 *Corner Trim (Aesthetic/Finish):*
3.2.3.1 Rot-resistant wood suitable for exterior use
3.2.3.2 Primer plus two coats of paint or solid-body stain
3.2.3.3 Color to match adjacent surfaces
3.2.3.4 Boards shall be straight and free of major defects

3.3 Task3 – Gutter and Downspout Replacement. Provide complete replacement of all metal gutters along the 80-ft length side of the structure and downspouts on four (4) corners.
3.3.1 *Materials:*
3.3.1.1 Continuous gutters with heavy-duty hangers
3.3.1.2 Downspouts sized to handle full roof drainage
3.3.1.3 Aluminum or PVDF-coated steel
3.3.1.4 Corrosion-resistant fasteners

3.3.2 *Design Requirements*
3.3.2.1 Size gutters and downspouts in accordance with the Sheet Metal and Air Conditioning Contractors' National Association (SMACNA) or applicable local code rainfall intensity

3.3.3 *Color and Finish*
3.3.3.1 Match existing building color as closely as practicable
3.3.3.2 Submit color samples for approval prior to fabrication

4.0 WARRANTY
4.1 *Roofing System*. Provide minimum 20-year manufacturer's material warranty.
4.2 *Contractor Warranty*. Contractor shall warrant all workmanship for one (1) year from final acceptance.
4.3 *Manufacturer Warranties*. Provide standard manufacturer warranties for all materials.

5.0 NOAA NWFSC Contact Information
5.1 Contracting Officer Representative (COR):

Thanh Minh Trinh, P.E.
NOAA/National Marine Fisheries Service/NWFSC
2725 Montlake Blvd E., Seattle, WA 98112
Office: 206-860-6798. Cell: 206-310-5468
Email: thanh.m.trinh@noaa.gov

5.2 Task Monitor (TM) at Newport Research Station:
Karl Kligel
Cell: 206-573-0175.
Email: karl.kligel@noaa.gov

6.0 Places of Performance. NWFSC Newport Research Station located at 2032 S.E. OSU Drive, Newport, OR 97365.

7.0 Submittals. The contractor shall provide the following submittals for NWFSC review and approval before fieldwork can begin.

Task	Section and Description	Deliverable	Due Date
Gen	10.1 Safety Plan and Project Schedule	Safety Plan	30 CD after NTP
Gen	10.1 Safety Plan and Project Schedule	Project Schedule	30 CD after NTP
1	3.1.4 Roofing System	Roofing system product data	15 CD after NTP
1, 2	3.1.4.4 Fasteners; 3.3.1 Materials	Fastener patterns and installation details	15 CD after NTP
1	3.1.4.2 Structural Requirements	Manufacturer wind load data	15 CD after NTP
3	3.3.2 Design Requirements	Gutter size and product data	15 CD after NTP
2, 3	3.3.2 Fascia Boards; 3.3.3 Color and Finish	Color samples	15 CD after NTP

8.0 Attachments.
8.1 NOAA RSF Sheet 11 Covered Walk and Test Area Details (0900-0630-005) 1980
8.2 NOAA RSF Sheet 12 Roof Plan and Roof Details (0900-0630-006) 1980
8.3 NOAA RSF Sheet S-4 Roof Framing Plan (0900-0630-013) 1980

9.0 Period of Performance (POP). The contractor has 9 months after the award date to complete the awarded task.

10.0 General Requirements.
10.1 Safety Plans and Project Schedules:
10.1.1 OSHA Safety Plan. Provide electronic copies for review prior to work start. Incorporate all elements needed to keep all contractor and NOAA employees safe in the vicinity of the work area.
10.1.2 If required, coordinate fire safety measures with local fire code regulators for any welding operations.
10.1.3 Project Schedule. Provide estimated project schedule prior to work start. Update the project schedule and coordinate project efforts with NWFSC's POC on a weekly basis.
10.2 Product Substitution Submittal Requests. Submit all product substitution requests to POC for substitution approval. Allow 7 days for review

11.0 SPECIAL SITE REQUIREMENTS
11.1 Site Disruption. The contract work must be carried out in a manner that minimizes disruption of the operation on campus and its research activities.

11.2 Work Hours. Regular working hours are from 8:00 a.m. to 4:30 p.m., Monday through Friday. If the Contractor desires to work outside the regular working hours, the Contractor shall notify the COR or TM at least 24 hours in advance to enable satisfactory arrangements to be made by the Government for inspecting the work in progress.

11.3 Observance of Legal Holidays and Excused Absence. The Government hereby provides notification that Government personnel observe the days listed in the following link as holidays. https://www.opm.gov/policy-data-oversight/pay-leave/federal-holidays/#url=2026.

11.3.1 In addition to the days designated as holidays, the Government observes the following days: any other day designated by the Federal Statute, an Executive Order, or the President's Proclamation.

11.3.2 It is understood and agreed between the Government and the Contractor that observance of such days by Government personnel shall not otherwise be a reason for an additional period of performance, or entitlement to compensation except as set forth within the contract. In the event the Contractor's personnel are authorized by the Government to work during the holiday at a government site, they may be reimbursed by the Contractor; however, no form of holiday or other premium compensation will be reimbursed either as a direct or indirect cost, other than their normal compensation for the time worked. This provision does not preclude reimbursement for authorized overtime work if applicable to this contract.

11.4 Site Debris Collection. Allow no debris to accumulate in buildings or on grounds.

11.5 Site Debris Removal. Haul debris away from Site as soon as daily work is completed. The Contractor shall legally dispose of all debris generated by work described in this scope of work at the Contractor's expense.

11.6 During construction, all openings must be protected when not in use, such that the weather elements do not enter the building. Each opening must be secured at the end of each day.

11.7 The government will allow the use of their 120 volt receptacles for tools used in the construction.

11.8 Contractor shall provide potable water, and restroom facilities for construction staff.

END OF SOW

EXHIBIT A

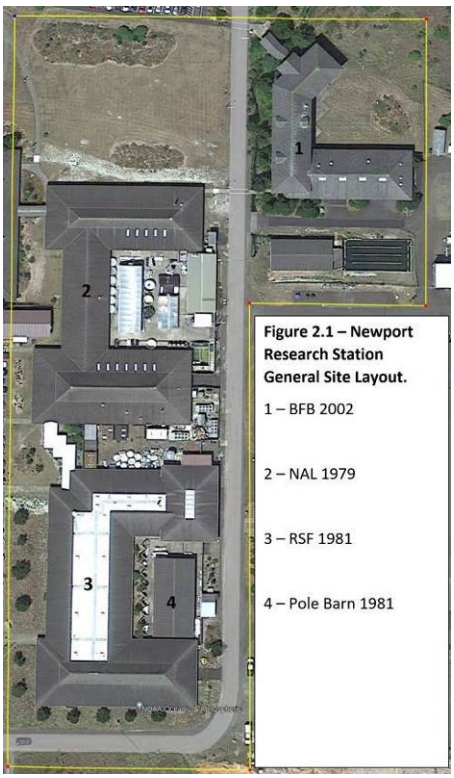


Photo A1 – South wall looking east

Photo A2 – NE corner looking SW

Photo A3 – NE corner looking SW

EXHIBIT A

Photo A4 – East wall access to open storage area

Photo A5 – West wall looking south

Photo A6 – South-end fish tank room

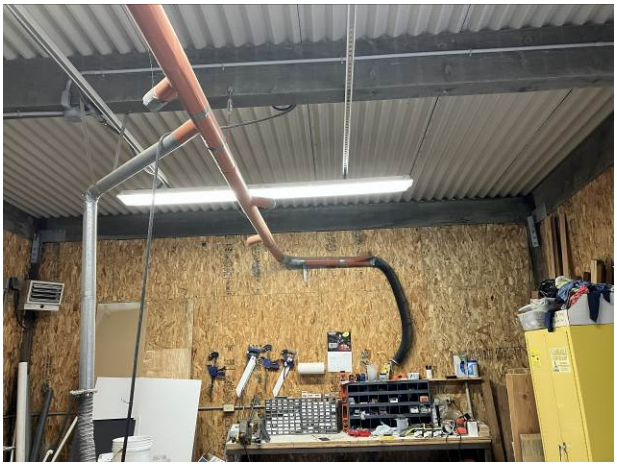


Photo A7 – North-end workshop area

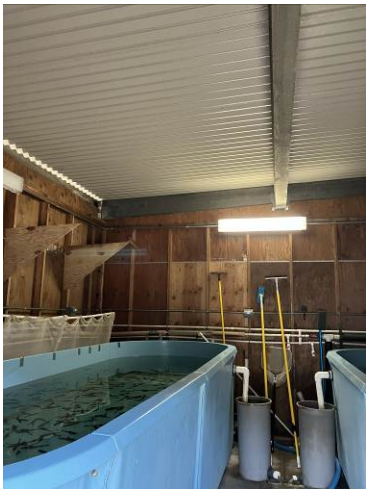
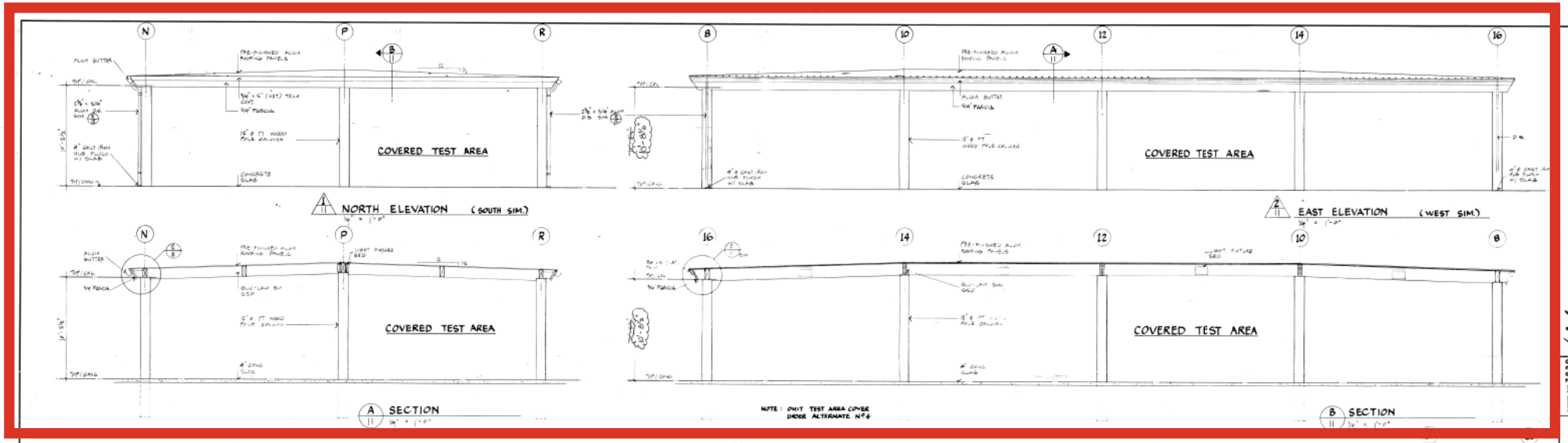
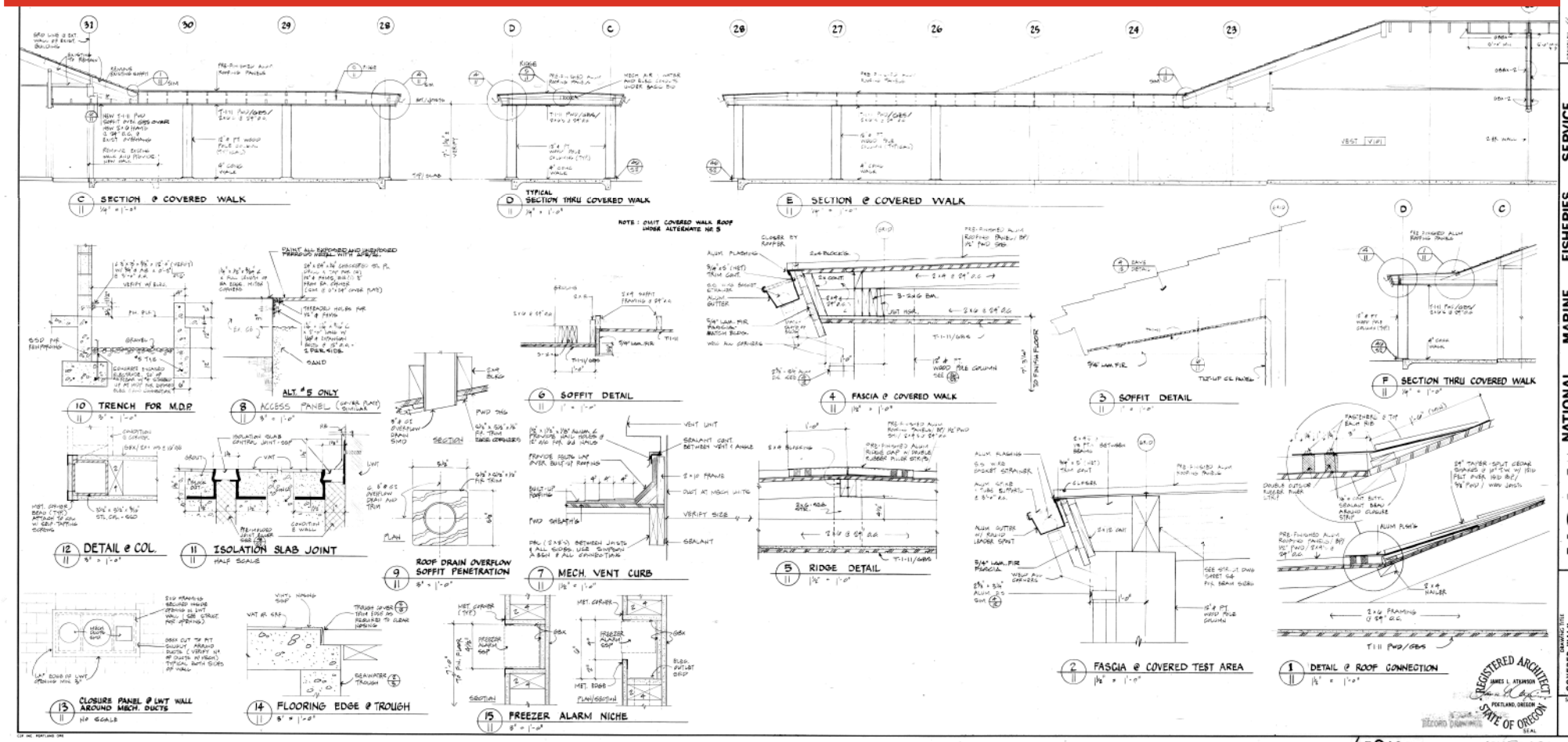


Photo A8 – North-end fish tank room





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NEWPORT RESEARCH SUPPORT FACILITY · NEWPORT, OREGON

hgal HEWLETT, JAMISON, ATKINSON & LUEY · A.I.A. · ARCHITECTS
3223 S. W. PRIONT AVENUE · PORTLAND, OREGON 97201 · 228 3450

COMM NO. 7920 · REVISE · DRAWN BY: KC · DATE: JULY 18, 1980 · SCALE: AS SHOWN

DRAWING TITLE: COVERED WALK & TEST AREA DETAILS

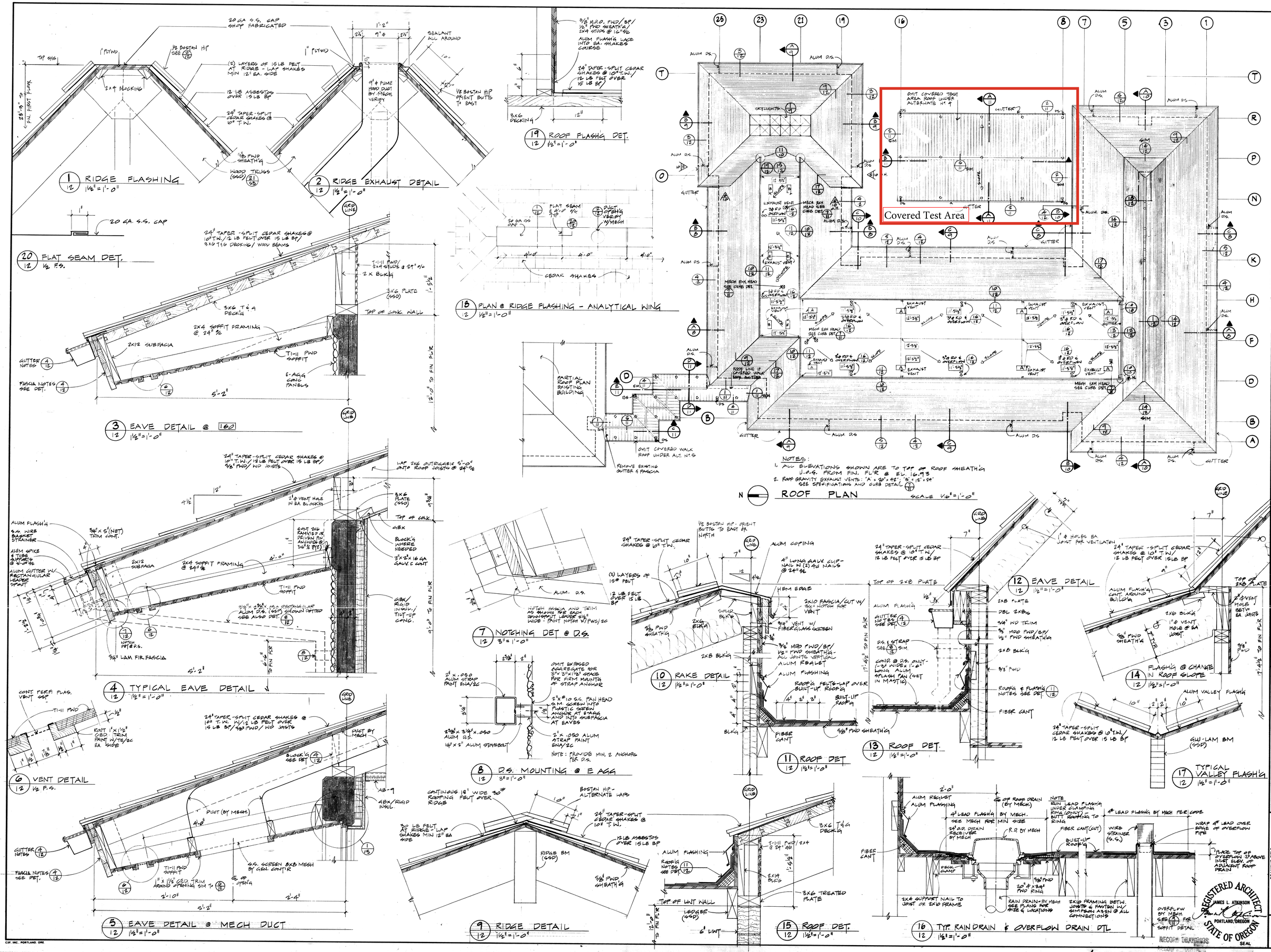
SHEET NO. 11

REGISTERED ARCHITECT · JAMES L. ATKINSON · PORTLAND, OREGON · STATE OF OREGON · SEAL

RECORD DRAWING

6-0124 5-15-02

0900-0630-05


1 RIDGE FLASHING 1½"=1'-0"
2 RIDGE EXHAUST DETAIL 1½"=1'-0"
19 ROOF FLASH'G DET. 1½"=1'-0"
20 FLAT SEAM DET. ½ F.S.
18 PLAN @ RIDGE FLASHING - ANALYTICAL WING 1½"=1'-0"
3 EAVE DETAIL @ 160 1½"=1'-0"
4 TYPICAL EAVE DETAIL 1½"=1'-0"
5 EAVE DETAIL @ MECH DUCT 1½"=1'-0"
6 VENT DETAIL ½ F.S.
7 NOTCHING DET @ D.S. 3"=1'-0"
8 D.S. MOUNTING @ E AGG 3"=1'-0"
9 RIDGE DETAIL 1½"=1'-0"
10 RAKE DETAIL 1½"=1'-0"
11 ROOF DET 1½"=1'-0"
12 EAVE DETAIL 1½"=1'-0"
13 ROOF DET. 1½"=1'-0"
14 FLASH'G @ CHANGE IN ROOF SLOPE 1½"=1'-0"
15 ROOF DET. 1½"=1'-0"
16 TYP. RAIN DRAIN & OVERFLOW DRAIN DTL 1½"=1'-0"
17 TYPICAL VALLEY FLASH'G 1½"=1'-0"
Covered Test Area
OMIT COVERED TEST AREA ROOF UNDER ALTERNATE N° 9
OMIT COVERED WALK ROOF UNDER ALT. N° 5
REMOVE EXISTING GUTTER & FASCIA
NOTES:
1. ALL ELEVATIONS SHOWN ARE TO TOP OF ROOF SHEATH'G U.O.S. FROM FIN. FL'R @ EL. 16.93
2. ROOF GRAVITY EXHAUST VENTS: 'A' = 20"x42", 'B' = 12"x24" SEE SPECIFICATIONS AND CURB DETAIL
ROOF PLAN SCALE 1/16"=1'-0"
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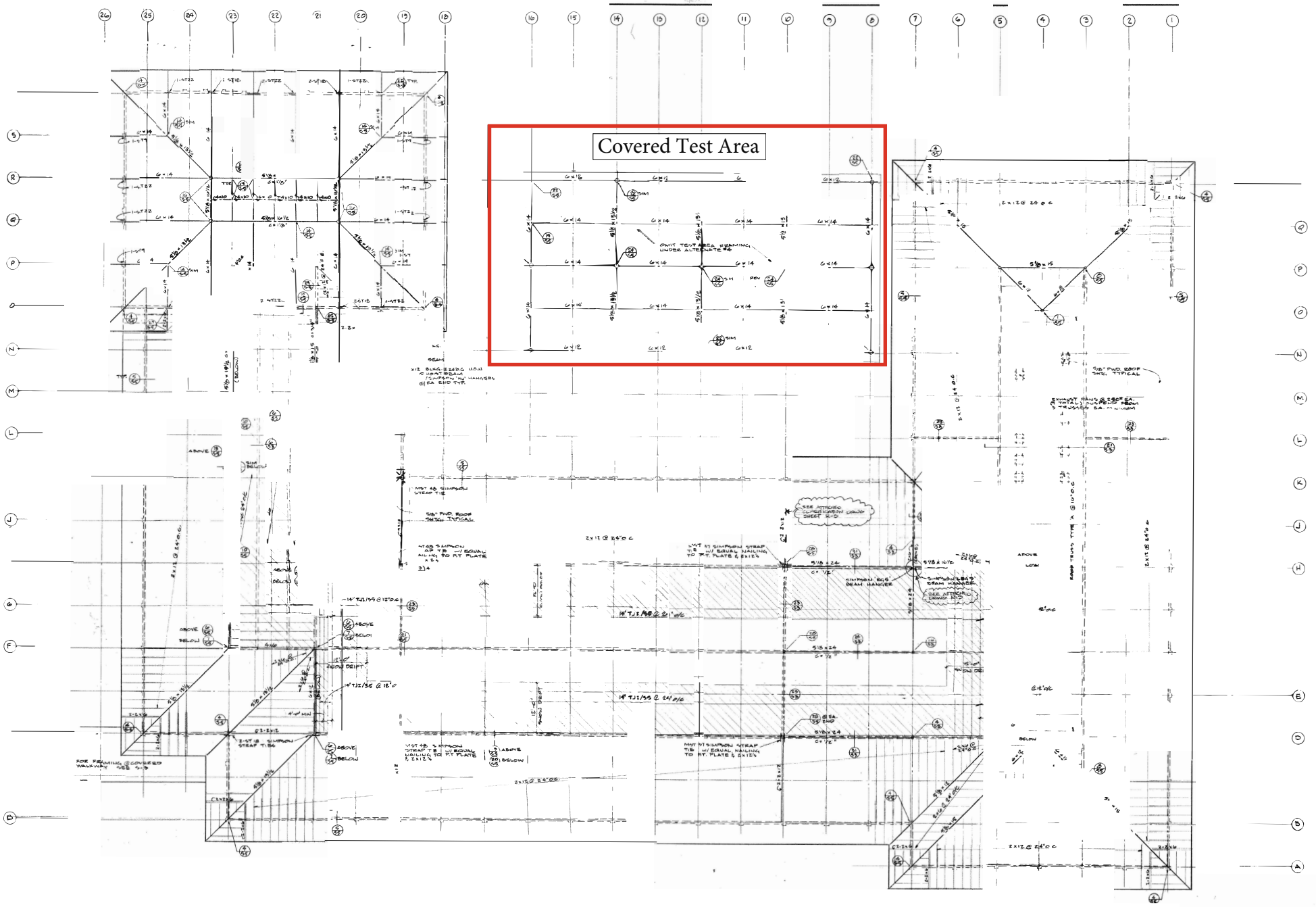
NORTHWEST AND ALASKA FISHERIES CENTER
NEWPORT RESEARCH SUPPORT FACILITY NEWPORT, OREGON
HEWLETT, JAMISON, ATKINSON & LUEY · A.I.A. · ARCHITECTS
3223 S.W. FRONT AVENUE PORTLAND, OREGON 97201 228-9488
COMM. NO. 7920
DRAWN BY J.W.
DATE JULY 16, 1980
SCALE AS SHOWN
REVISED
DRAWING TITLE ROOF PLAN & ROOF DETAILS
SHEET NO. 12
REGISTERED ARCHITECT JAMES L. ATKINSON PORTLAND, OREGON STATE OF OREGON SEAL
RECORD DRAWINGS
6-0124
5-15-02
90-0630-0060


Covered Test Area
OMIT TEST AREA FRAMING UNDER ALTERNATE #4
EXTENT OF SNOW DRIFT
NOTE:
TYPICAL ROOF SHEATHING:
15/32 GALV. BOX @ 6" O.C. AT ALL SUPPORTED EDGES
12" O.C. AT ALL INTERMEDIATE SUPPORTS (UNBLOCKED)
ROOF FRA
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NATIONAL MARINE FISHERIES SERVICE
NORTHWEST AND ALASKA FISHERIES CENTER
NEWPORT RESEARCH SUPPORT FACILITY
NEWPORT, OREGON
DATE JULY 16 1980
NOAA
ROOF FRAMING PLAN
SA
RECORD DRAWINGS
9-15-82
-0124
0900-0630-13