



## **Warren SH, ADA Ramp and Handrails Specifications**

### **SCOPE**

The Contractor will provide a modular ramp and all components with handrails to be American Disability Act (ADA) and International Building Code (IBC) compliant at Warren State Hospital (WSH). ***This bid is for purchase of materials only as described herein.*** Warren State Hospital employees will be installing the ramp and handrails.

The Contractor will include full size engineered drawings demonstrating the design of the new pre-engineered ramp system as a part of this bid. Drawings will illustrate all system components including ramp sections, railings, structural members, anchorage, required for installation.

### **SIZE SPECIFICATIONS**

The ramp will need to be designed for a 48" drop. There needs to be four 5'4"x 5' 4" landings, four 4'x10' ramp runs, one 4'x8' ramp run, and one 4'x 3' run.

The ramp is a custom design that will need to meet specifications on the design prints for the porch as provided in the documents attached to the invitation for bid and bid advertisement. Per the design prints, the ramp must be a prefabricated aluminum access ramp system, including guard and hand railing, manufactured by SAPA Extrusions, Inc or approved equal. Any alternate manufacturer's product will need to meet or exceed the basis of design, fit in the same location, and include all features, accessories, and additional equipment for a complete system. The Department of Human Services, Division of Facilities and Property Management will have the final say if the ramp is an equal product.

### **MATERIAL STANDARDS**

Ramp sections, platforms, steps, legs, and guardrails are to be constructed of mill finish aluminum extrusions and mill finish aluminum sheet. Product materials specifications must be 600 series aluminum alloys structural members to be 6061-T6, 6063-T52 and 6065-T5, and all aluminum sheet will be 5052-H32, or an approved equal. Welded assemblies will be free of sharp edges and fabricated in accordance with ANSI welding standards. All mechanical fasteners will be stainless steel.

Prefabricated modular aluminum access ramp system shall meet ADA, IBC, SBC, BOCA, SREF, UBC, DSA and NFPA 101 Life Safety Codes.

Contractor is responsible for verifying layout as well as critical dimensions and threshold elevations prior to fabrication.



**UNSATISFACTORY WORKMANSHIP**

The Contract Monitor reserves the right to withhold payment for repetitive calls to correct the same deficiency or any other unsatisfactory workmanship. However, the Commonwealth assumes no responsibility for expenses so incurred in soliciting such assistance.

It shall be understood and agreed that any quantities listed in the proposal are estimated only and may be increased or decreased in accordance with the actual requirement of Warren State

Hospital and that Warren State Hospital in accepting any bid or portion thereof contracts only and agrees to purchase only the quantities as represent the actual requirements of Warren State Hospital.

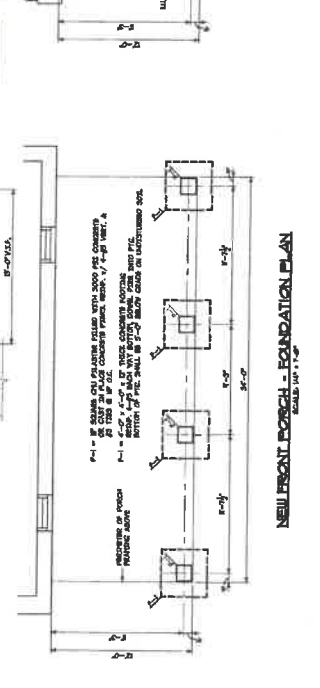
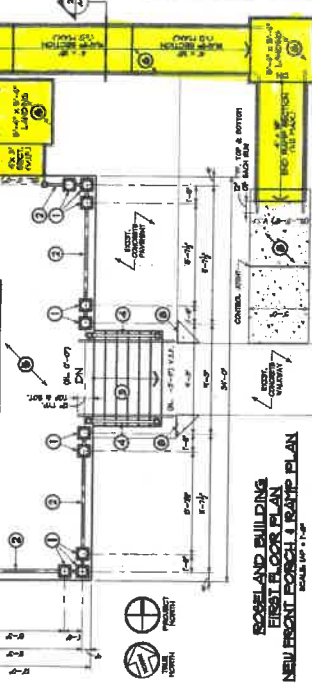
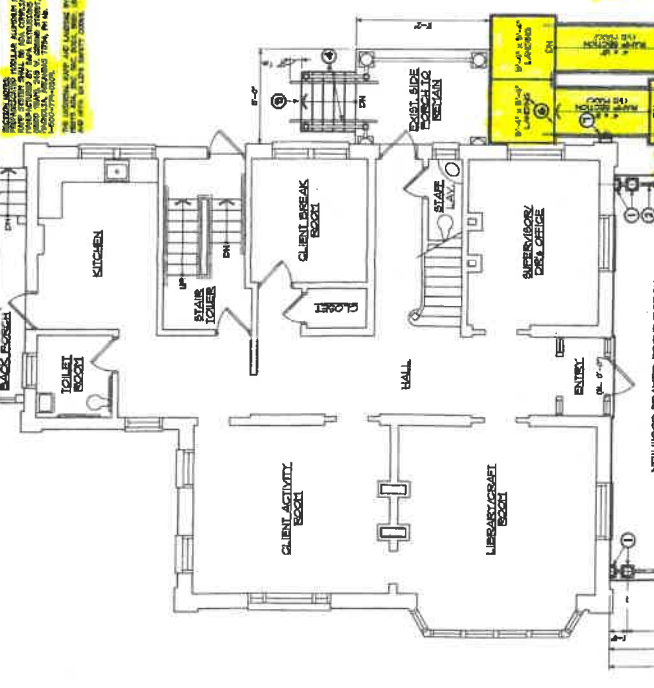
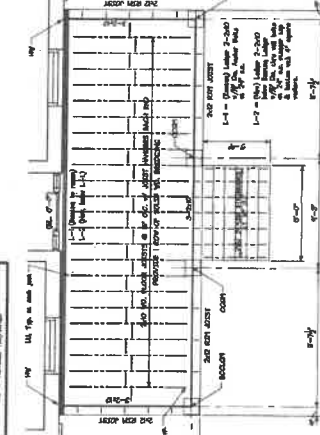
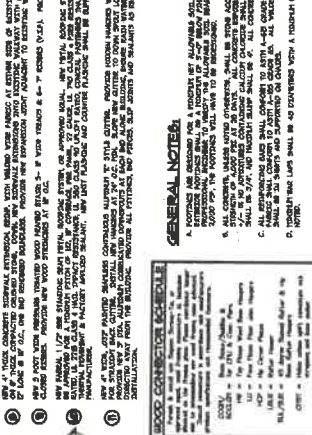
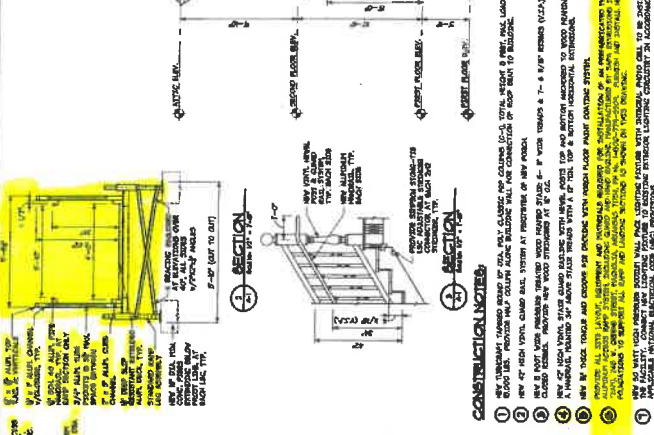
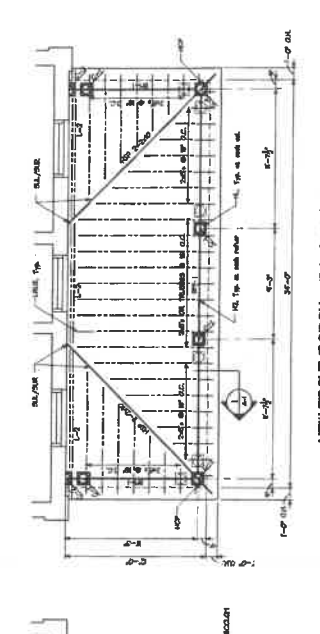
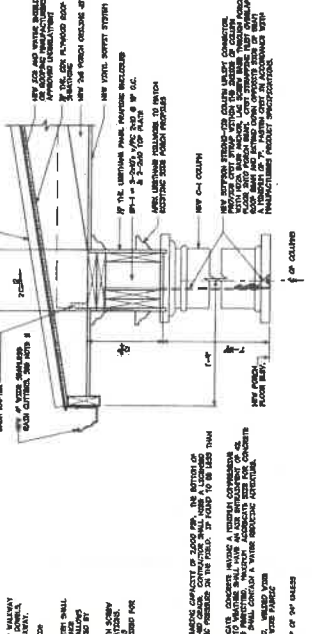
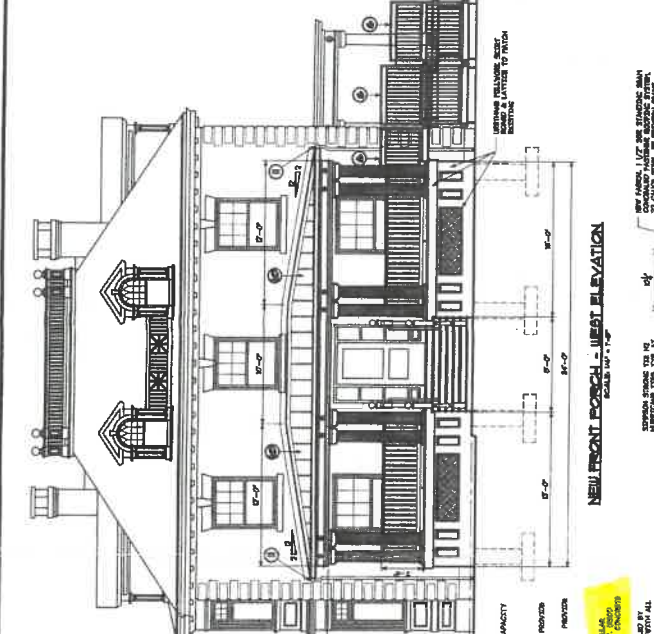
**MANDATORIES:**

- 1. VENDOR QUOTES MUST CONTAIN ALL ATENNANT COSTS INCLUDED AS NO ADDITIONAL COSTS WILL BE ALLOWED OVER THE QUOTED PRICE.**
- 2. BIDS MUST BE RECEIVED ELECTRONICALLY BY THE TIME AND DATE IN THE BID ADVERTISEMENT.**

REPLACEMENT OF FRONT PORCH & RAMP  
 AT  
 BUILDING NO. 48 - ROSELAND BUILDING  
 HAZEN AND SATELLE ARCHITECTS  
 3 CRAIG DRIVE | HUNTSBURG, PENNSYLVANIA 17105

APPROVED: [Signature]  
 DIVISION OF FACILITIES & PROPERTY MANAGEMENT  
 DEPARTMENT OF HUMAN SERVICES  
 PENNSYLVANIA

REVISIONS  
 APPROVALS



**GENERAL NOTES:**

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE PENNSYLVANIA DEPARTMENT OF HUMAN SERVICES (DHS) SPECIFICATIONS FOR CONSTRUCTION.
2. ALL MATERIALS SHALL BE APPROVED BY THE ARCHITECT AND THE PENNSYLVANIA DEPARTMENT OF HUMAN SERVICES (DHS).
3. ALL WORK SHALL BE COMPLETED WITHIN THE SPECIFIED TIME FRAME.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS.
5. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT AREAS AT ALL TIMES.
6. ALL UTILITIES SHALL BE PROTECTED AND NOT TO BE DISTURBED.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES.
8. ALL MATERIALS SHALL BE STORED PROPERLY ON-SITE.
9. THE CONTRACTOR SHALL MAINTAIN A NEAT AND ORDERLY WORK SITE.
10. ALL WORK SHALL BE COMPLETED WITHIN THE SPECIFIED TIME FRAME.

**WOOD CONNECTION SCHEDULE:**

DESCRIPTION	WOOD SPECIES	WOOD GRADE	WOOD SIZE	WOOD LENGTH	WOOD WEIGHT	WOOD VOLUME	WOOD COST
1. JOIST	SP	1	2x10	16'-0"	15.0	225.0	15.00
2. BEAM	SP	1	4x12	16'-0"	45.0	720.0	45.00
3. COLUMN	SP	1	6x6	8'-0"	27.0	216.0	27.00
4. BRACKET	SP	1	4x4	4'-0"	9.0	36.0	9.00
5. RAMP	SP	1	2x12	16'-0"	15.0	225.0	15.00

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