Request for Quotation Revision 1

Harbor Master Roof Coating and Miscellaneous Items

PROJECT LOCATION:

This project is located at the Port Authority of Guam, Administration Building Harbor Master Office (HMO) and its Vicinity.

PROJECT DESCRIPTION:

The Port Authority of Guam is interested in soliciting a Request for Quotation for a CIP project involving miscellaneous roof related items. This project requires the removal and proper disposal of severely corroded objects that have the potential to become wind-blown hazards. The items to be removed include, but are not limited to; surface mounted steel pipes (located on the roof top of the HMO), a dilapidated central air-conditioning system, and protective shroud (located on the Administration Building Second Floor Roof). Following the removal of specified hazards, the roof of the PAG HMO will require pressure washing to clean/prepare the surface. During extreme wind driven rain events, the PAG HMO roof leaks. Port employees have noted that the leak is near the kitchen, but the exact location and size of the leak will need to be determined. In addition, an 18' feet tall structural marine aluminum pole with 4 gusset plates shall be secured to the HMO rooftop while using two aluminum plates (one on top and one at the bottom of the concrete roof slab) that will serve as a support system for a camera and a radar antenna for future use. The pipe is to be welded to the top aluminum plate, which will be bolted through the concrete roof slab as depicted in the attached sketches. PAG will require that all welds be done by a certified welder. The installation of the aluminum pole includes any/all site preparation needed prior to erecting the pole. This includes, but not limited to, leveling a section of the roof slab, demolishing existing concrete support blocks where the top plate will be installed, and the removal/reinstallation of a 4' long fluorescent light that is located where the bottom aluminum plate is to be installed.

SCOPE OF WORK:

A) The Port Authority of Guam will select the lowest responsive and responsible quotation that accomplishes all project goals. The top priority being the removal of all safety related hazards located on the roof of the administrative building. Please see attached photos that identify all items to be removed and properly disposed of at an EPA approved disposal site. Note, that many of the objects are no longer securely mounted to the building and have the potential to be blown off the roof. Contractor is to plan on safe removal of the above debris using lifts and/or cranes of appropriate capacity. Other items of the project scope shall proceed following the completion of the debris removal phase.

B) Currently the third floor of the administration building leaks during heavy wind driven rainfall events (significant storms). The existing stainless steel flashing at the connection between two sections of the building (original plus extension) is an area PAG suspects the leak is coming from. The third floor needs to be pressure washed prior to any repair work that needs to be done. Roof related coating shall follow after completion of the leak repair

work that requires approval by the CIP/Engineering Division. A minimum, 3 coats of silicon coating at an alternating 90-degree direction of application shall be required. All roof drains shall be in good working conditions. Any repair or replacement required is included in this RFQ.

C) The PAG would like to install an aluminum pole strengthened by aluminum gusset plates triangular in shape for the future support of a long range camera and radar antenna. The weight of the proposed camera and the radar antenna are expected to be 44 lbs and 132 lbs respectively. See attached sketch of the proposed support system. The contractor shall be responsible for supplying all required material, fabrication and installation of the proposed support infrastructure. The proposed support consists of a 6" diameter aluminum pipe and gusset plates welded to the rooftop of the 4'x4' aluminum plate. Please note that all aluminum components to be welded must utilize 3/8" thick fillet weld all around including the four (4) each gusset plates 1' x 2' welded to the base of the aluminum pipe and the plate as shown in the Support Detail. Additionally, the top of the pipe is to be capped off with a 1/2" thick aluminum plate and four 1/2" diameter drainage holes are to be drilled at the base of the pipe. PAG requires that all welding be done by a certified aluminum welder. The aluminum plates shall be secured to the roof using four each 1" diameter stainless steel (SS) threaded rods cut to correct size (include 3" of length to each end) following measuring of the concrete slab thickness while using 8 each 1" diameter SS nuts and lockable washers in order to secure the plate to the roof slab. (The bolts will need to pass through the roof slab and secure the secondary aluminum plate located at the ceiling of the HMO). Installation includes, but is not limited to, the removal of existing obstacles such as concrete support blocks and leveling the roof surface in the location of the proposed roof top plate. The edges of the rooftop aluminum plate and stainless steel bolt perimeters will need to be sealed using waterproof sealant to ensure that water does not leak into the staircase landing, NP1 Caulking Sealant is a minimum.

GENERAL REQUIREMENTS

1. The contractor shall carefully investigate the project site prior to bidding, verify existing conditions and measurements. Failure to do so shall not be a cause for an additional claim against PAG. Any work related to conditions not reflected on the conceptual sketch provided shall be performed at the contractor's expense;

2. The contractor shall provide all labor, materials and equipment to remove, supply and install as per scope of work. PAG will issue the Intent to Award based on the lowest responsible responsive bid. Official Notice to Proceed (N.T.P.) will be provided to the contractor upon issuance of the PAG Purchase Order (P.O);

3. Contractor to submit within 7 days after Notice to Proceed, the insurance coverage on Comprehensive General Liability Policy and Excess Liability Policy of ($1 Million minimum). PAG shall be an additional ensured to the policy;

4. Contractor to submit within 15 calendar days after the N.T.P. issuance, the Schedule of Values, material submittals, submittal status logs, phasing plan (project schedule) and personnel listing for approval by the PAG Police Division;

5. Contractor's personnel assigned to this project are required to have a Transportation Worker Identification Card (TWIC) and attend the mandatory Maritime Security (MARSEC) Level briefing. Contractor to inquire with the Port Police Division on these requirements. No work will commence without TWIC cards; Contractor has One Hundred and Twenty-Two (122) calendar days to complete this project. Liquidated damages shall apply after the performance period (POP) in the amount of two hundred fifty ($250) dollars per day;

6. Contractor shall be responsible for the daily clean-up of the project site. No loose debris shall remain on the second and third floor roofs at the end of each day. In preparation of the site prior to arrival of an inclement weather condition, the contractor shall secure all loose objects and remove all debris. All construction debris shall be disposed at a designated Guam EPA approved dumpsite at no additional cost to PAG;

7. Contractor shall abide by OSHA regulations and provide safety warning signs within the work area. All workers shall wear their proper Personal Protective Equipment (PPE) and maintain separation/distancing requirements in light of COVID-19 pandemic regulations and executive orders;

8. PAG Engineering and PAG Safety Divisions to conduct daily inspections and/or random checks of the project site;

9. Contractor to submit daily and monthly progress reports with attached four (4) photos per day to PAG Engineering for documentation.

10. Contractor to follow all scope as indicated on the approved design plan and the general notes regarding the proposed project;

11. Contractor to request in writing or email 24 hours prior to the pre-final inspection by PAG Engineering and PAG Harbor Master Divisions for any punch list items;

12. After correction of all punch lists and approval by PAG Engineering and PAG Harbor Master, contractor shall submit the final invoice and close – out documents;

13. Close-out documents shall have the Certificate of Completion, One (1) Year Warranty of the Entire work, Release of Claims and Liabilities. Submit documents in hard copy and in electronic file in PDF format.

***** Authorized Signatures appear below*****

Prepared By:

Jacob B Aquiningoc II
Engineering Technician II

Approved By:

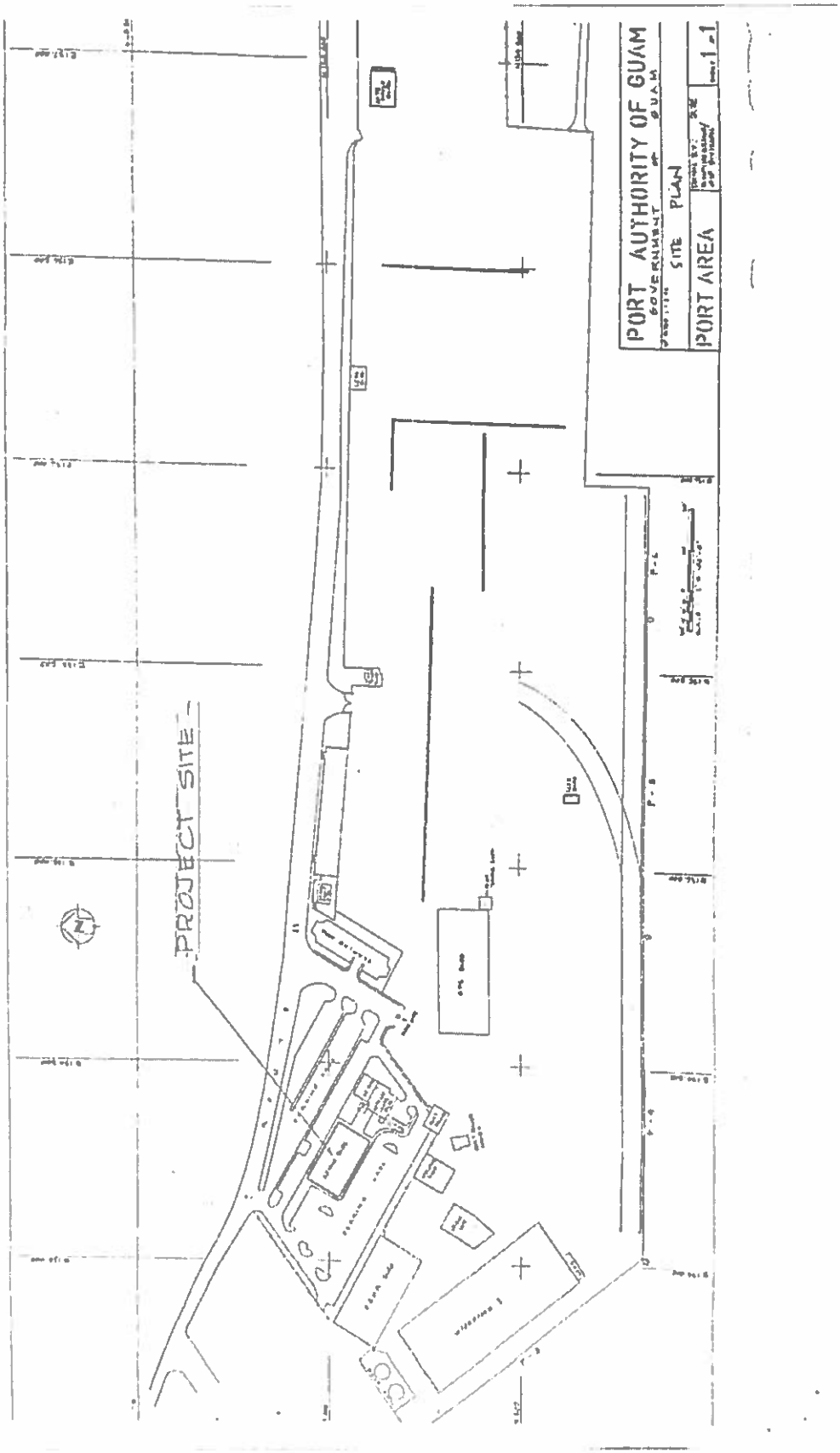
Masoud Teimoury
Engineer Manager

Project: Harbor Master Miscellaneous Roof Related Items

Bid Schedule

Item	Description	QTY	Unit	Unit Cost	Amount
1	Removal of all safety related falling hazards from the Administration and Harbor Master roof tops. Cost includes disposal fee.	1	LS		
2	Identification and repair of any leaks found on the Harbor Master Office roof top.	1	LS		
3	Fabrication and installation of galvanized steel ladder and supporting elements.	1	LS		
4	Pressure Washing Harbor Master Office roof top.	1	LS		
5	Silicone Roof Coating (Total of 3 Coats)	1976	sq. ft		
6	4'x4'x0.5" Thick Aluminum Plates (6061 T-6)	2	Pcs		
7	6"x18' Aluminum Pole (6061 T-6). 0.432 Wall thickness	1	Pcs		
8	1" Diameter Stainless Steel Threaded Rod cut to size w/ SS Nuts and Lockable Washers (8 Ea) (SS-316)	4	Pcs		
9	2'x1'x0.5" Triangular Aluminum Gusset Plates (6061 T-6)	4	Pcs		
10	Misc. Materials including welding rods with matching plate/pole properties	1	LS		
	Grand Total	-	-		

Note: All unit costs shall include labor, materials, tools, equipment, and (OH+P+Tax).


PROJECT SITE
PORT AUTHORITY OF GUAM
GOVERNMENT OF GUAM
SITE PLAN
PORT AREA
1 of 1

Items To Be Removed: Administration Building 2nd Floor Roof

Figure 1: Central AC System

Items To Be Removed: Administration Building at the 2nd Floor Roof Level

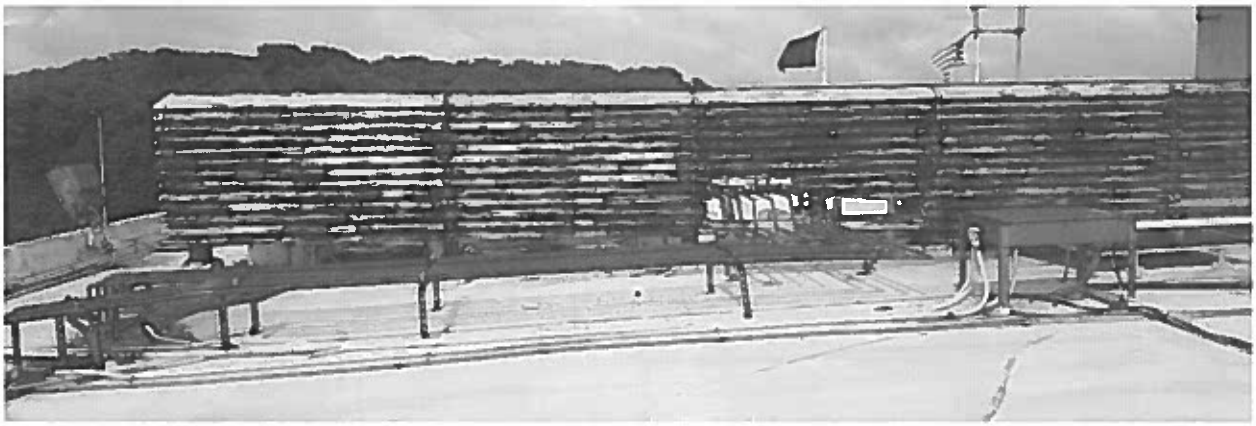


Figure 2: Protective Shroud

Items To Be Removed: Administration Building 3rd Floor Roof

Figure 3: Surface Mounted Steel Pipes

Items To Be Removed: Administration Building at the 3rd Floor Roof

Figure 4: Galvanized Steel Angular Supports Concrete Blocks

Items To Be Removed: Administration Building 3rd Floor

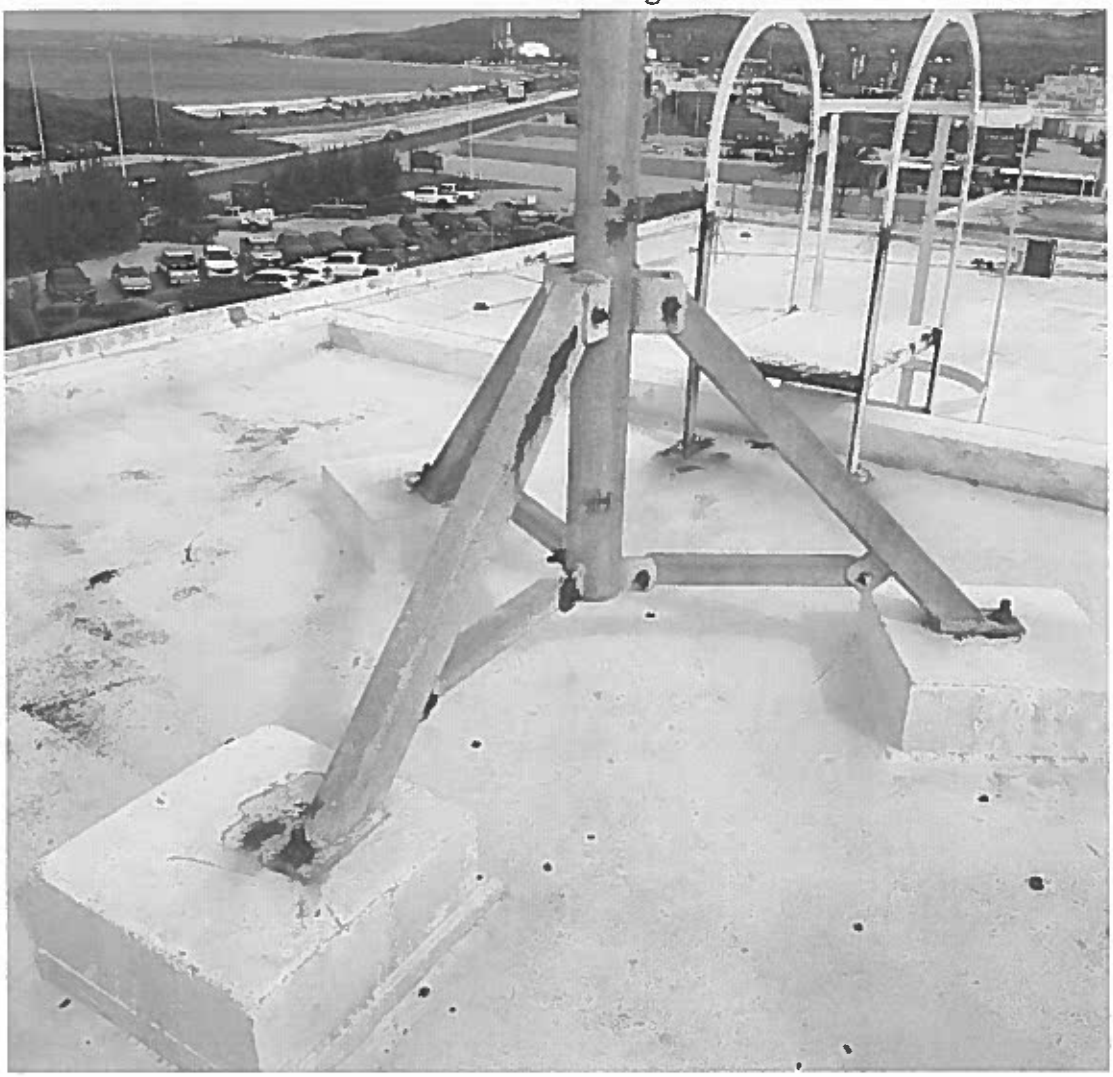
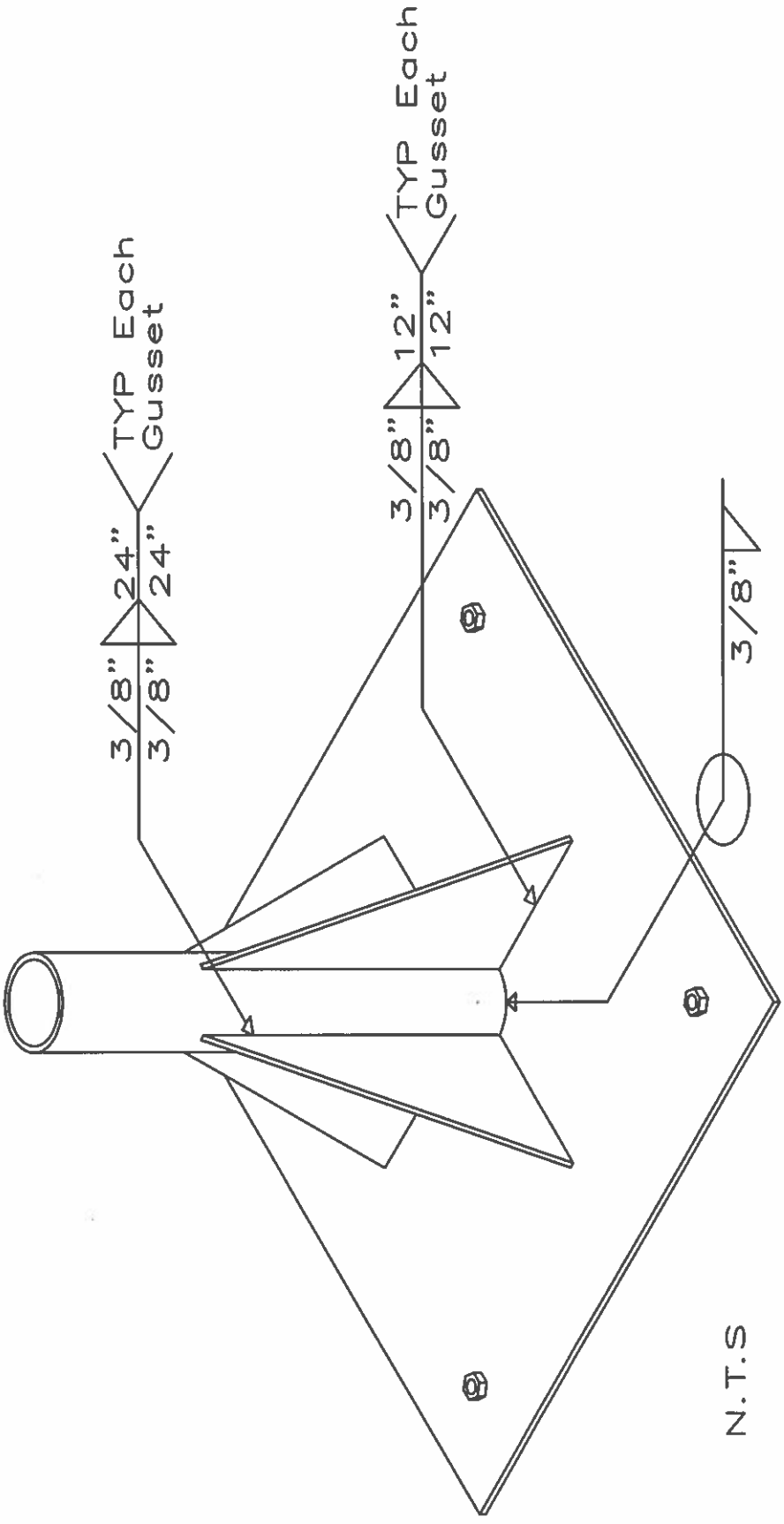


Figure 5: Galvanized Steel Tripod and Concrete Support Blocks (Close-up). Location: Admin. Bldg. 3rd Floor

Additional Photos:

Figure 6: Stainless Steel Flashing. Location: Admin. Bldg. 3rd Floor

Attached Sketches:



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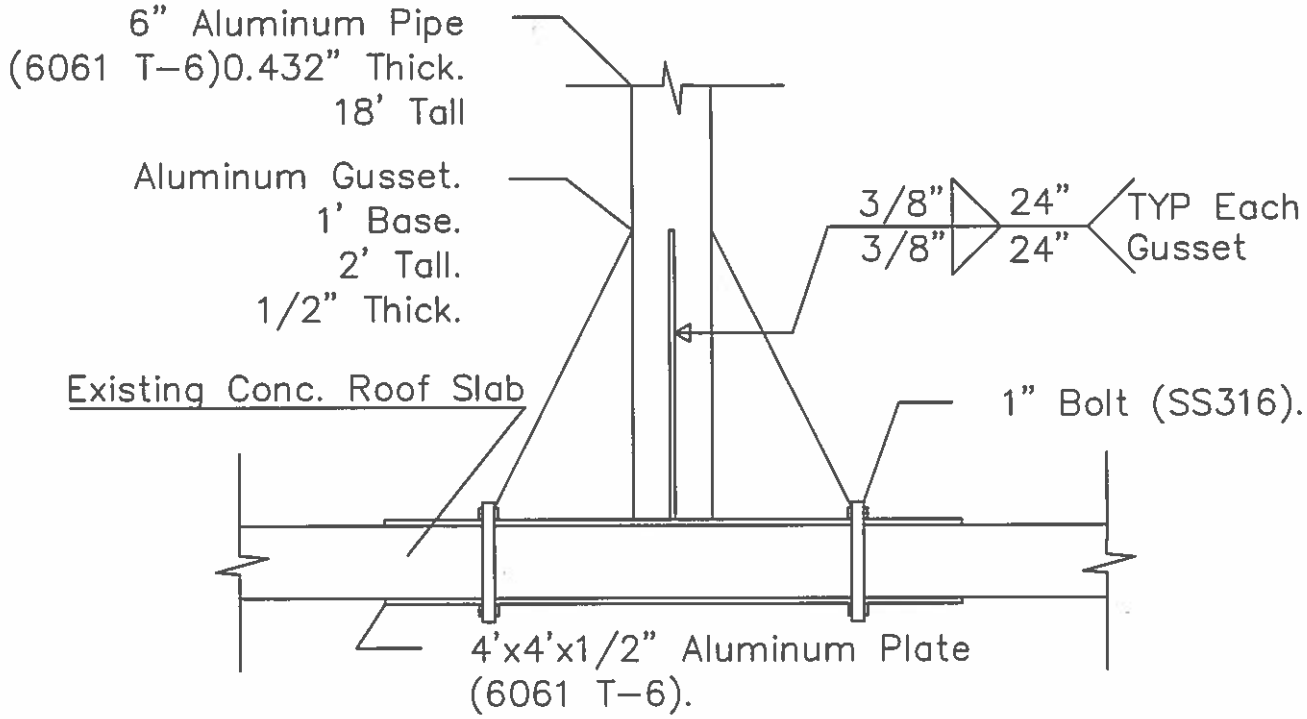
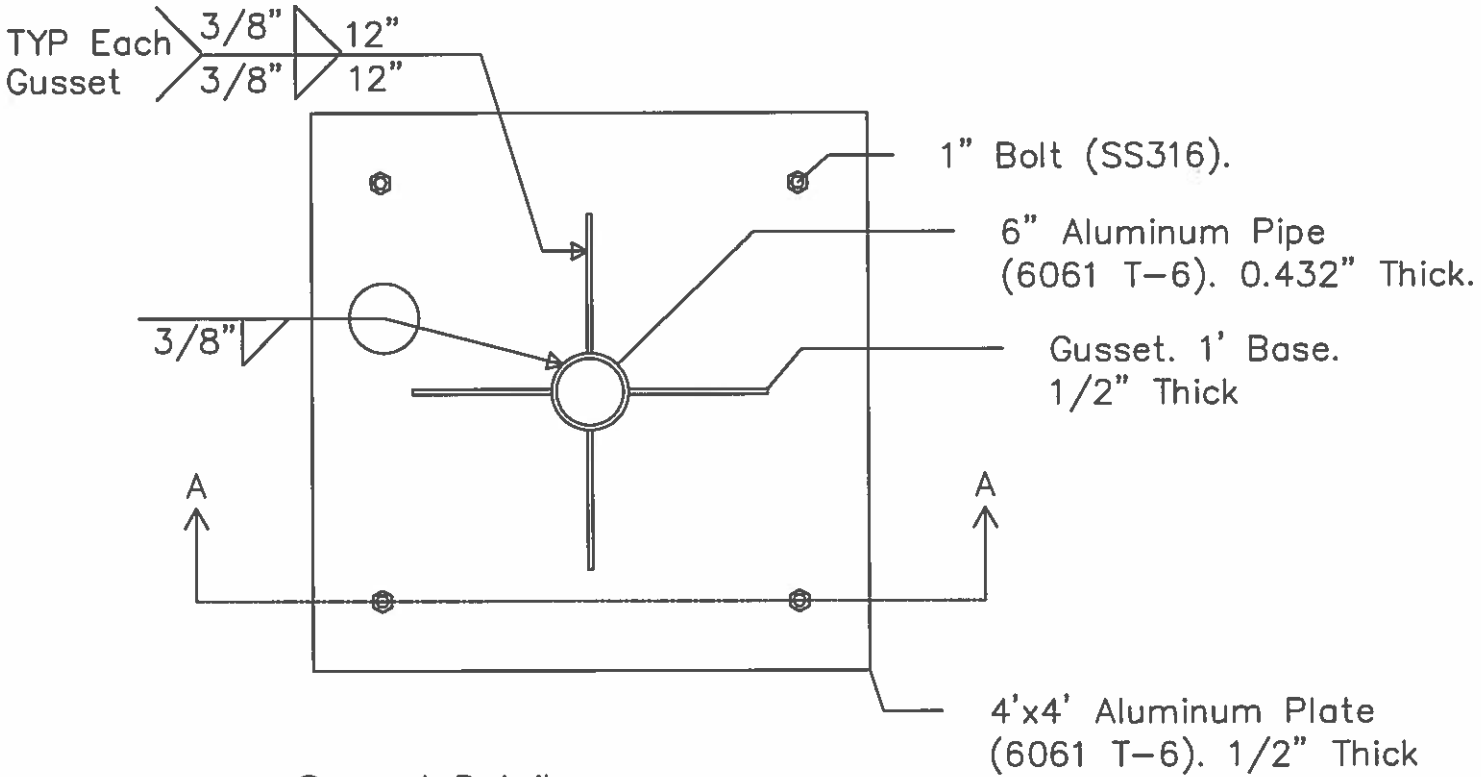


Section A-A
N.T.S



Support Details
N.T.S

Estimated Roof Dimensions: