

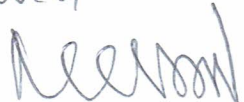
**SCOPE OF WORK**

**FOR**

**ENGINEERING MAIN HANGAR WEST DECK STRUCTURE  
RENOVATIONS**

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Prepared by:   
Ismail Agleem / Manager Projects

Approved  


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### **1. BACKGROUND AND PURPOSE**

1.1. Island Aviation Services Ltd. Main Hagar - Velana International airport, has a requirement to renovate, part of first and second Floor of Engineering Main Hangar west 2 storey structure.

### **2. GENERAL REQUIREMENTS**

- 2.1. The Contractor shall provide personnel, material, equipment, and supervision to complete the technical requirements in this scope of work. The contractor shall be responsible for hiring labor, equipment vendors and shall follow security and safety directives. Total Period of performance to completion shall be indicated herein.
- 2.2. The Contractor shall not to be admitted to areas of the property outside the areas designated for the project except with the permission. The Contractor shall address the impact of the consequent disruption caused by the proposed work.
- 2.3. Airport permit temporary airport passes for vehicles and labors will be arranged by IASL.
- 2.4. It is contractor's responsibility of arrange required vehicles to remove dismantled trashes from the site.
- 2.5. Power source will be provided by IASL. (Will be arranged from engineering side, require access to a power socket).
- 2.6. All required equipment shall be delivered to the site by the contractor.
- 2.7. Final Measurements shall be taken before commencement of work.

### **3. SCOPE OF WORKS**

#### **3.1 Partition Works**

- 3.1.1.04 Nos of wooden partition shall be installed on both open end of decks approximately 20 feet by 10 feet on each end.
- 3.1.2.5' x 6' (Width x Height) Cargo Door shall be installed on first floor facing north.

- 3.1.3. Cutting 4'x30' window at 5ft height on eastern side wall at first floor
- 3.1.4. US Store roofing with 18mm plywood supported with 2x2 wooden planks.  
Measurements shall be taken on site visit.
- 3.1.5. Wooden deck flooring on first and second floor shall be replaced.  
Measurements shall be taken on site visit.
- 3.1.6. All partitions shall be well secured to floor, ceiling and both sides with proper bracing.
- 3.1.7. Partitions shall be solid and strong with sufficient framing at 600mm x 600mm with a minimum thickness of 50mm x 50mm.
- 3.1.8. Wall shall be of 6mm or thick plywood.
- 3.1.9. Wood preservative for the prevention of termite shall be applied to joists before Sandwicing the frame.
- 3.1.10. coat Wall sealer and 2 coat white paint shall be applied at both sides of partitions.

### **3.2 Metal Works**

- 3.2.1 Staircase fabrication as per drawing
- 3.2.2 Cut entrance from existing roofing sheets on side wall.
- 3.2.3 Bracing horizontal support with existing steel angle profile.
- 3.2.4 Cut open upper deck for provision for staircase.
- 3.2.5 Installation of staircase
- 3.2.6 Paint entire staircase including railing with premier and blue top coat.
- 3.2.7 Stringer to be fabricated with (4 x 2) Inches GI hollow sections.
- 3.2.8 Horizontal step support frame with (1.5 x 1.5) Inches GI angles  
(See attachment Ref: 4.2.0)
- 3.2.9 Fabricating and installing 5'x30' aluminum grill on western side wall at first floor.
- 3.2.10 Fabricating and installing 2'x 100' aluminum grill of southern side wall

### **3.3 Electrical & Wiring Works**

- 3.3.1 Installing 8 nos. 2'x2' LED panels at first and 2<sup>nd</sup> floor
- 3.3.2 Installing 3 nos heavy duty fans at 1<sup>st</sup> floor
- 3.3.3 Separate Breaker circuit shall be used for lights, sockets and fans at each floor
- 3.3.4 Installing 4 nos 15amps socket outlet at 2<sup>nd</sup> floor
- 3.3.5 Installing 6 nos 13amps double socket at 1<sup>st</sup> floor
- 3.3.6 Installing 6 nos 13amps double socket at 2<sup>nd</sup> floor

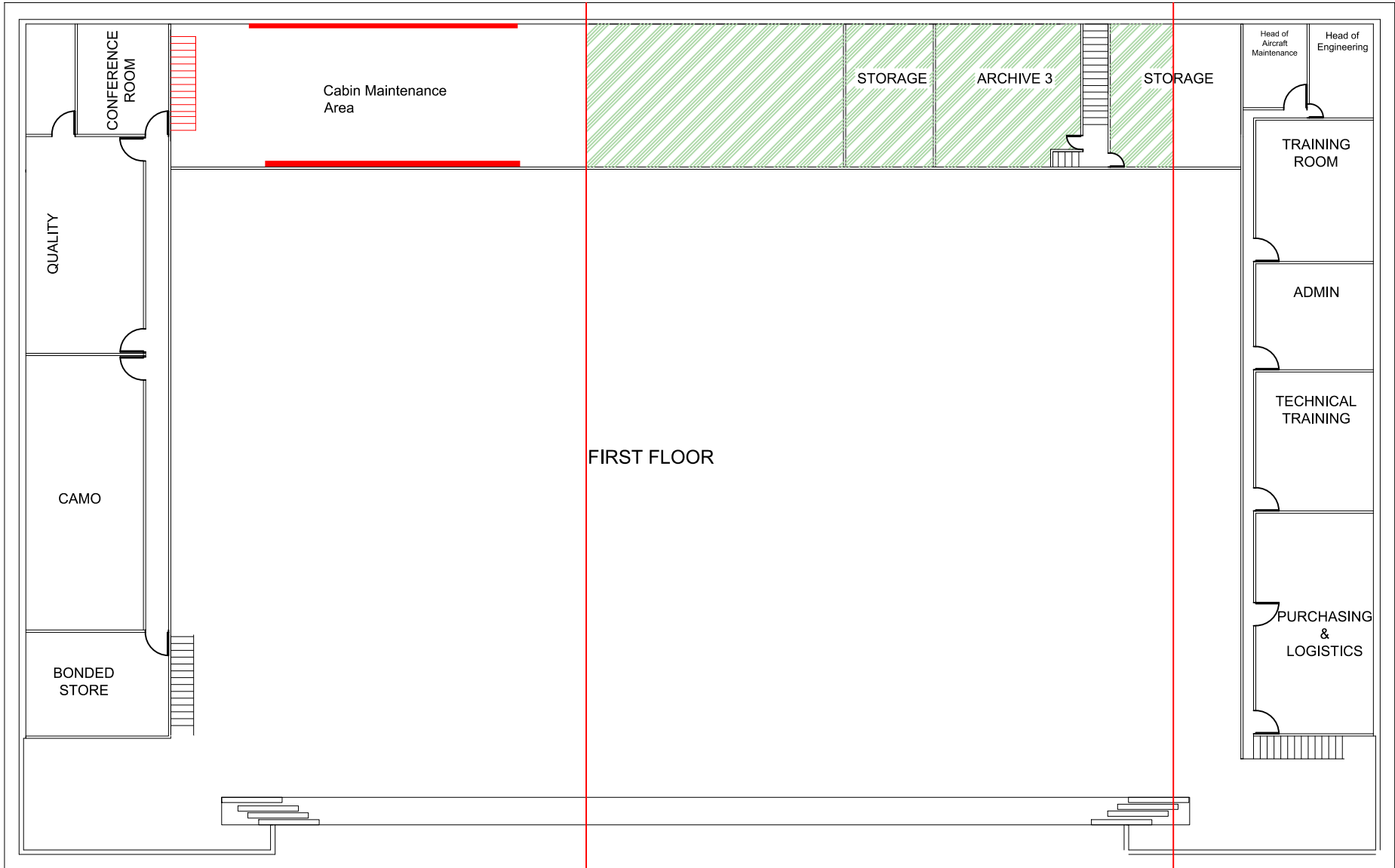
### **3.4 Sealing and repair.**

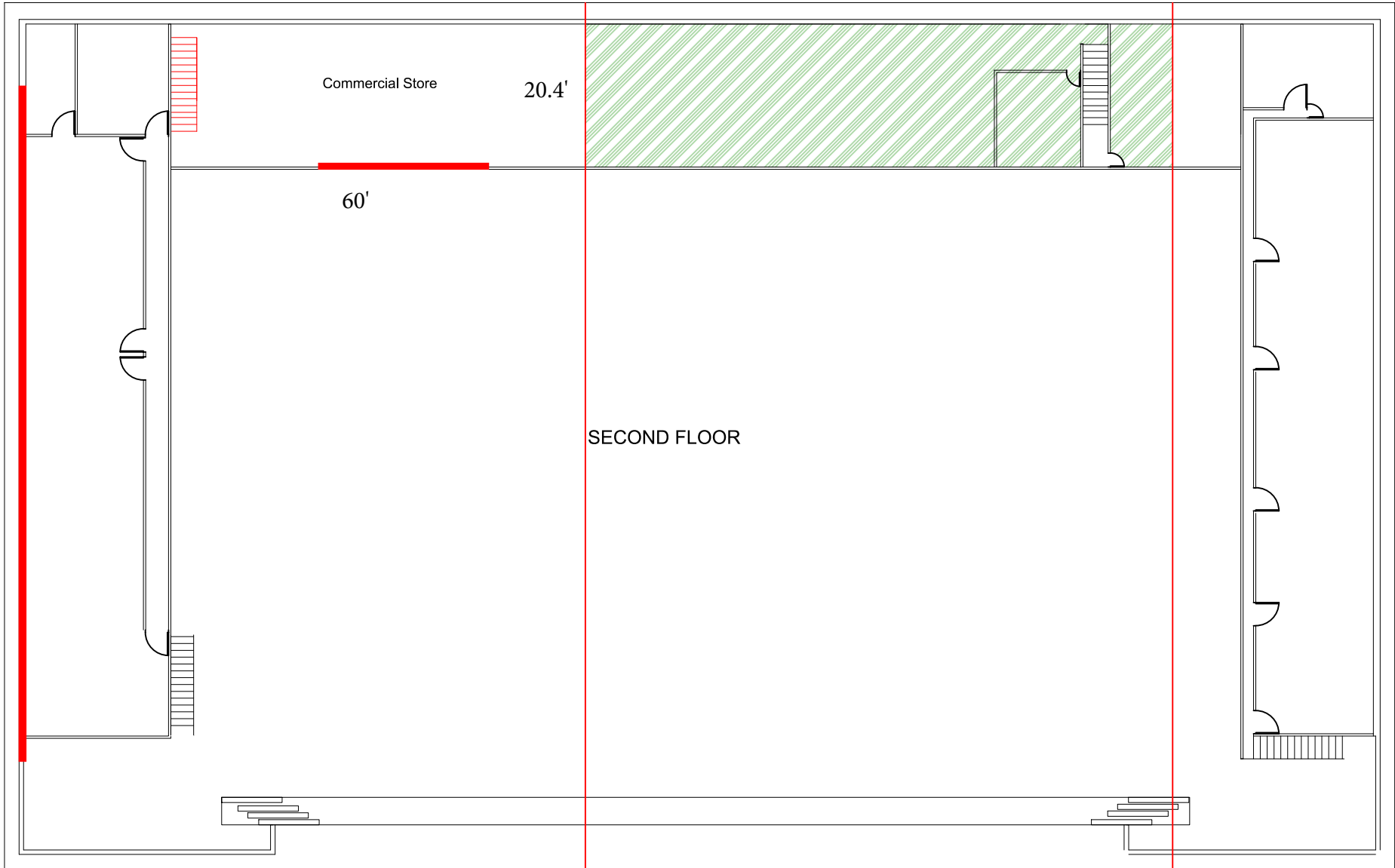
- 3.4.1 Sealing any edges, openings, at the roof or side walls which may cause water leak through
- 3.4.2 Sealing all edges of new installations.

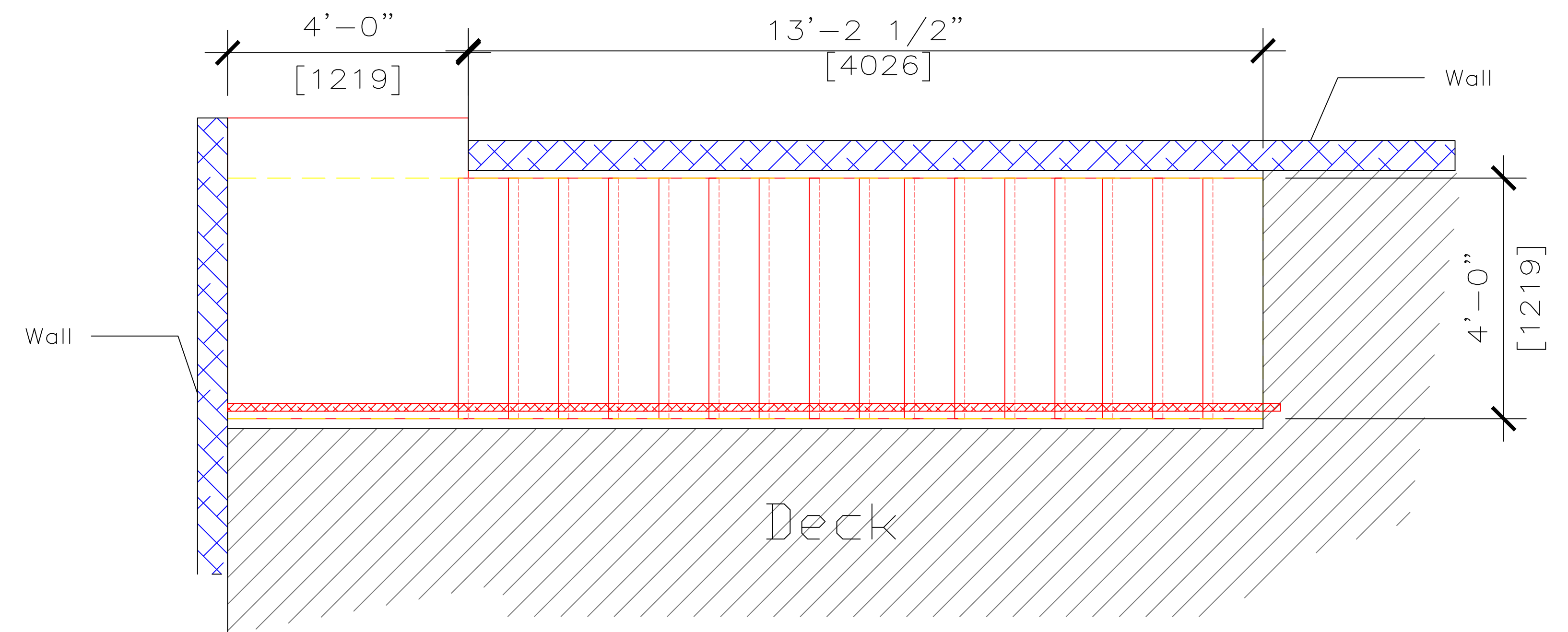
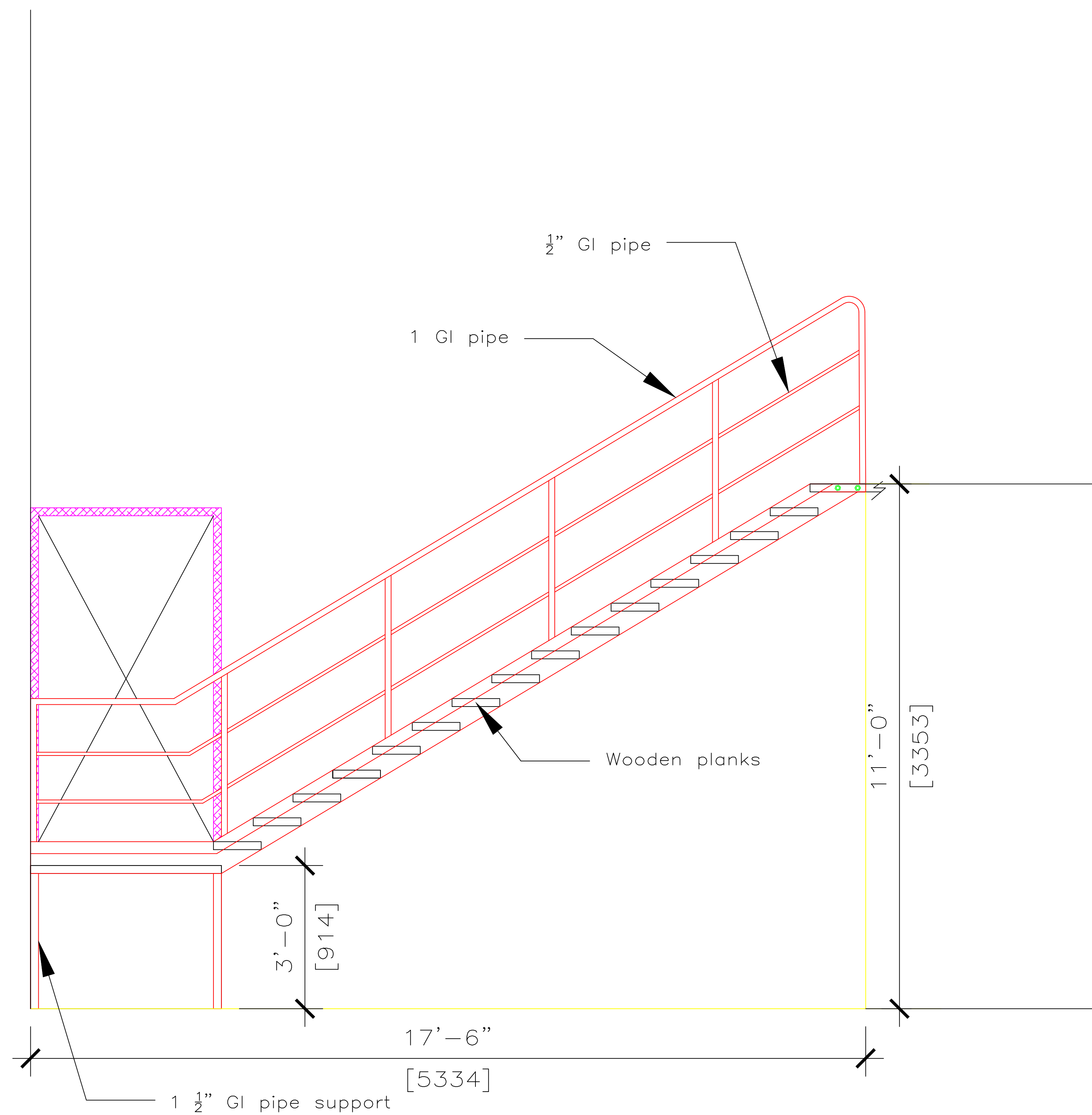
### **3.2. Site Clearence.**

- 3.2.1. Remove all trashes on entire work site.

Please find related drawings separately.







Scope:

- 1- Cut open entrance from existing roofing sheet side wall
- 2- Bracing horizontal support with existing steel angel profile
- 3- Cut open upper deck for provision for staircase
- 4- Paint entire stair case including railing with primer & blue top coat
- 5- Stringer to be fabricated with 4" x 2" GI hollow sections
- 6- Horizontal step suport frame with 1 1/2" x 1 1/2" GI angels