# RIDOT OFFICE BUILDING ANTENNA ROOM IMPROVEMENTS



2 CAPITOL HILL PROVIDENCE, RI 02903

50 Holden Street · Providence, Rhode Island 02908 (401) 272-1730 · www.rgb.net

Architecture · Project Management · Interior Design



THE ROBINSON GREEN BERETTA CORPORATION
CONSULTANTS
STRUCTURES ENGINEERING & DESIGN LLC

ARCHITECTURE, ENGINEERING & INTERIOR DESIGN

STRUCTURAL ENGINEER



## LIST OF DRAWINGS

REVISION DATE SHEET # SHEET NAM

ARCHITECTURAL

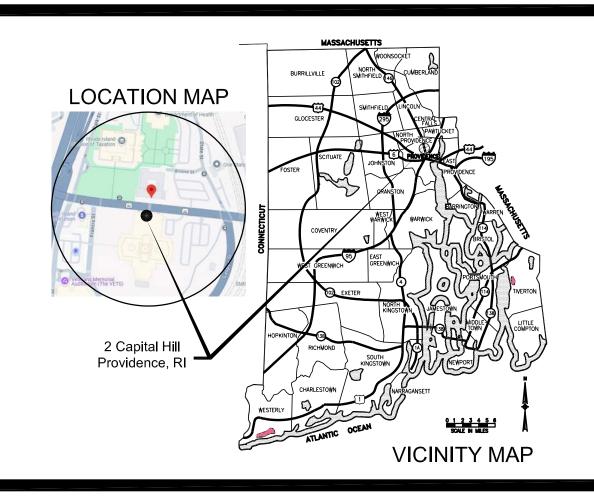
G001 ABBREVIATION
A100 LOCATION PLA
D101 DEMOLITION P

A101 FLOOR PLAN

STRUCTURAL

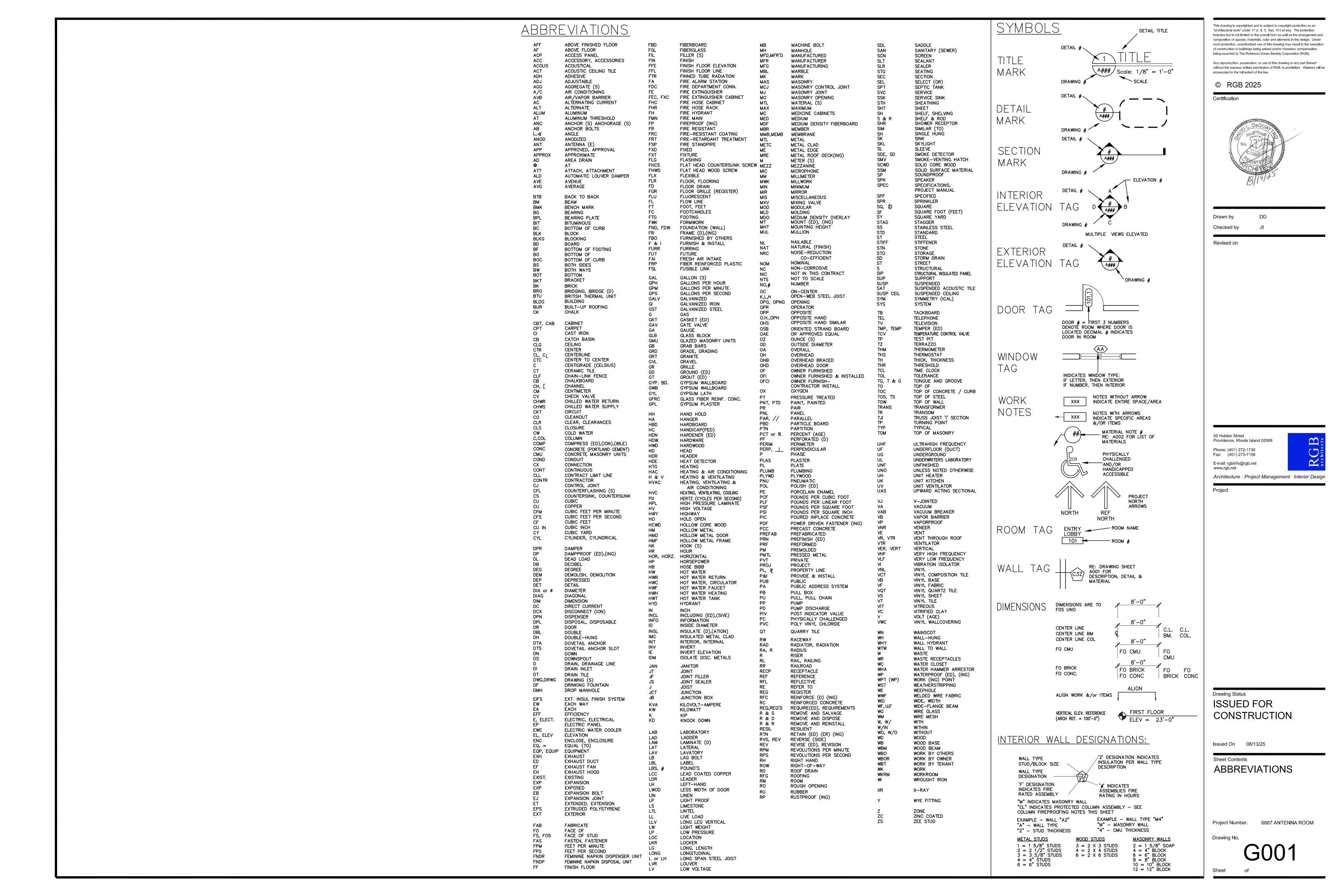
S1.1 FRAMING PLAN

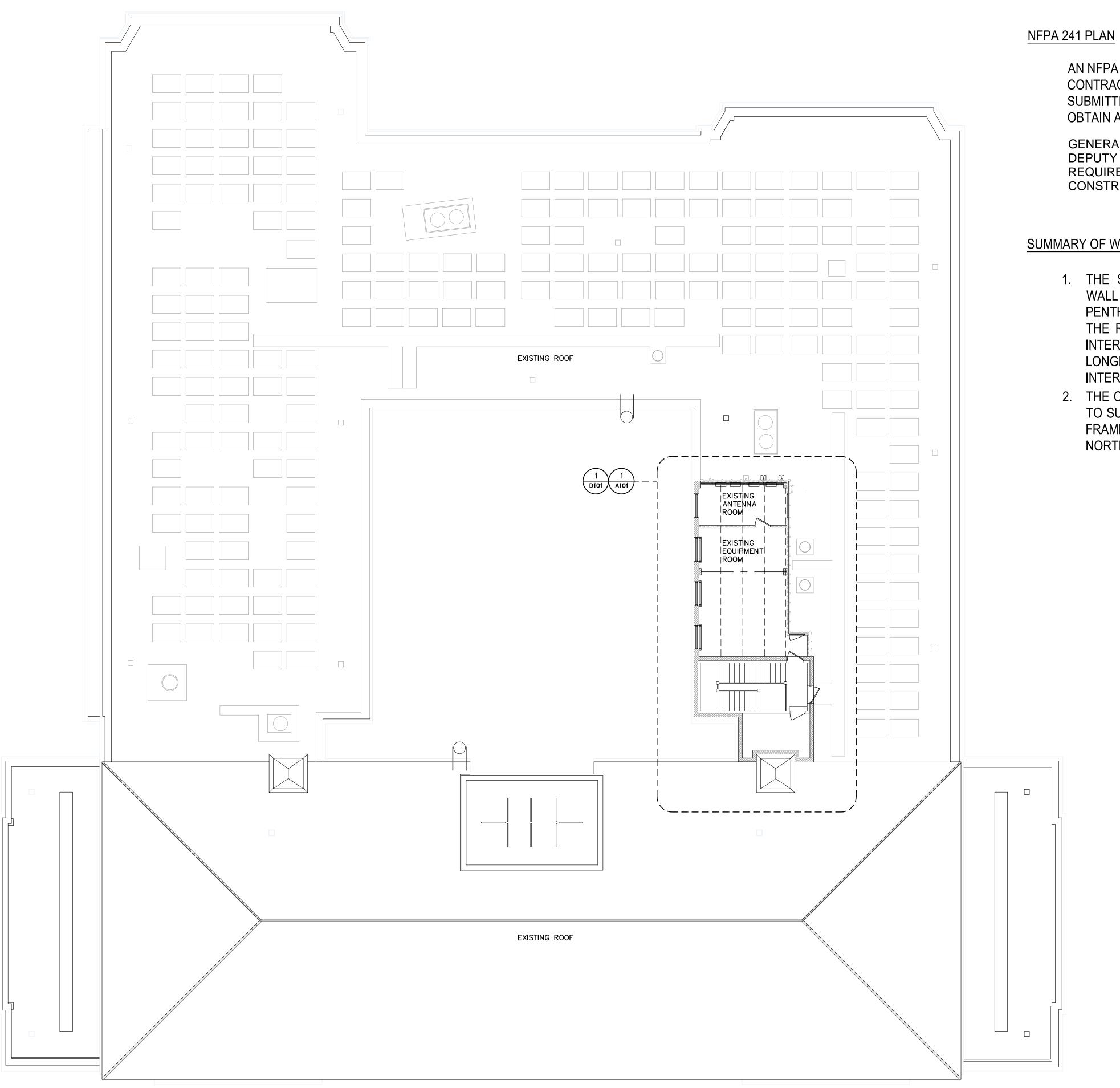
1 FRAMING PLAN



STATUS: Issued for Construction

DATE: 08/13/25





AN NFPA 241 PLAN IS REQUIRED. THE SELECTED GENERAL CONTRACTOR IS RESPONSIBLE FOR CREATING AN NFPA 241 PLAN AND SUBMITTING TO RHODE ISLAND STATE FIRE MARSHAL IN ORDER TO OBTAIN A BUILDING PERMIT.

GENERAL CONTRACTOR TO CONTACT DENNIS GREENLESS, DEPUTY STATE FIRE MARSHALL, TO COORDINATE THE REQUIREMENTS OF THE NFPA 241 PLAN PRIOR TO ANY DEMO OR CONSTRUCTION WORK. (dennis.greenless@dbr.ri.gov, (401) 889-5439).

### SUMMARY OF WORK INCLUDES BUT IS NOT LIMITED TO THE FOLLOWING:

- 1. THE STRUCTURAL REINFORCEMENT AND REPAIR OF THE NORTH WALL AT THE ANTENNA ROOM WHICH IS LOCATED IN THE PENTHOUSE BUILDING. THE PENTHOUSE BUILDING IS LOCATED ON THE ROOF OF THE RIDOT BUILDING AND IS ACCESSIBLE FROM AN INTERIOR STAIR. REMOVAL OF THE ANTENNA AND EQUIPMENT NO LONGER IN USE. REINFORCE THE TERRA COTTA WALLS FROM THE INTERIOR OF THE BUILDING.
- 2. THE CREATION OF A STRUCTURAL FRAMEWORK THAT WILL BE USED TO SUPPORT A FUTURE NEW ANTENNA. THE ANTENNA STRUCTURAL FRAMEWORK WILL BE INSTALLED AT THE PENTHOUSE BUILDING NORTH WALL. ANTENNA INSTALLATION AND POWER BY OTHERS.

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RIDOT OFFICE BUILDING

ANTENNA ROOM **IMPROVEMENTS** 

2 CAPITOL HILL PROVIDENCE, RI 02903

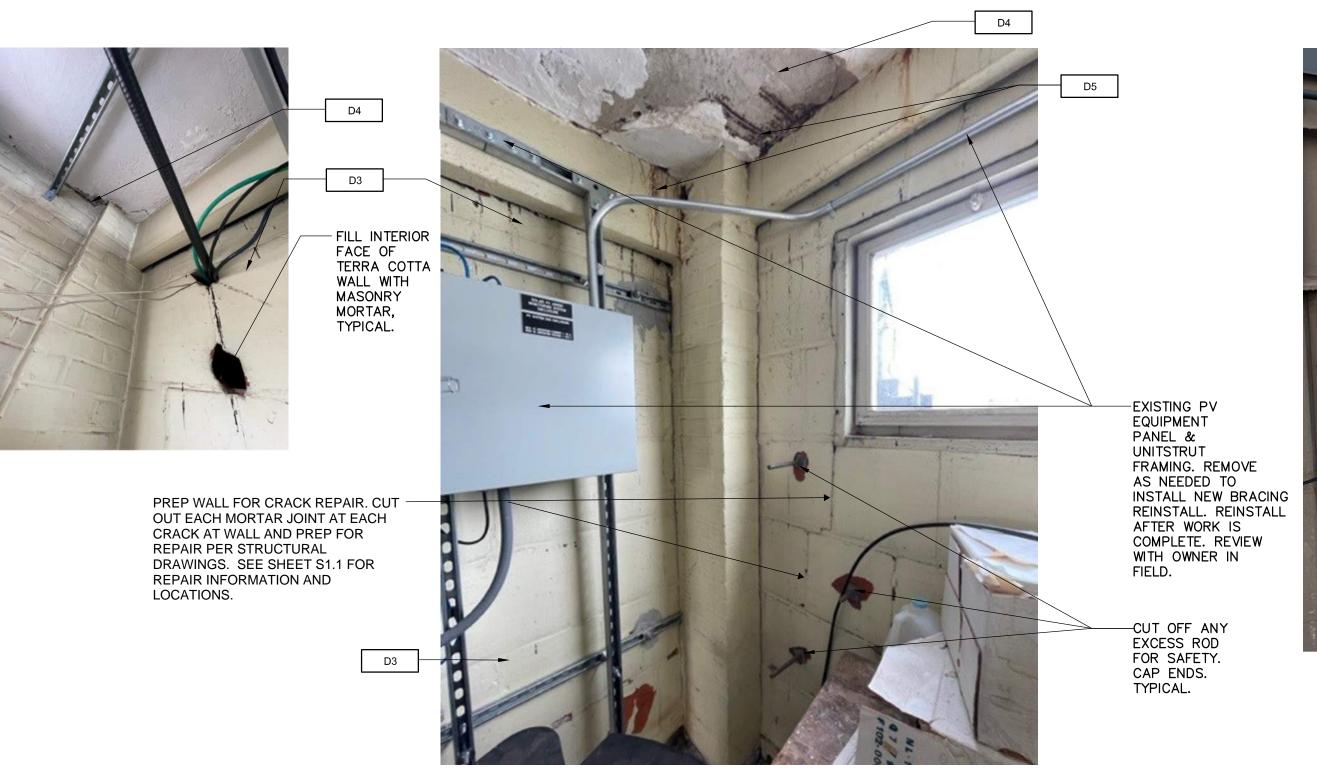
Drawing Status ISSUED FOR CONSTRUCTION

Issued On 08/13/25

Sheet Contents LOCATION PLAN

6887 ANTENNA ROOM

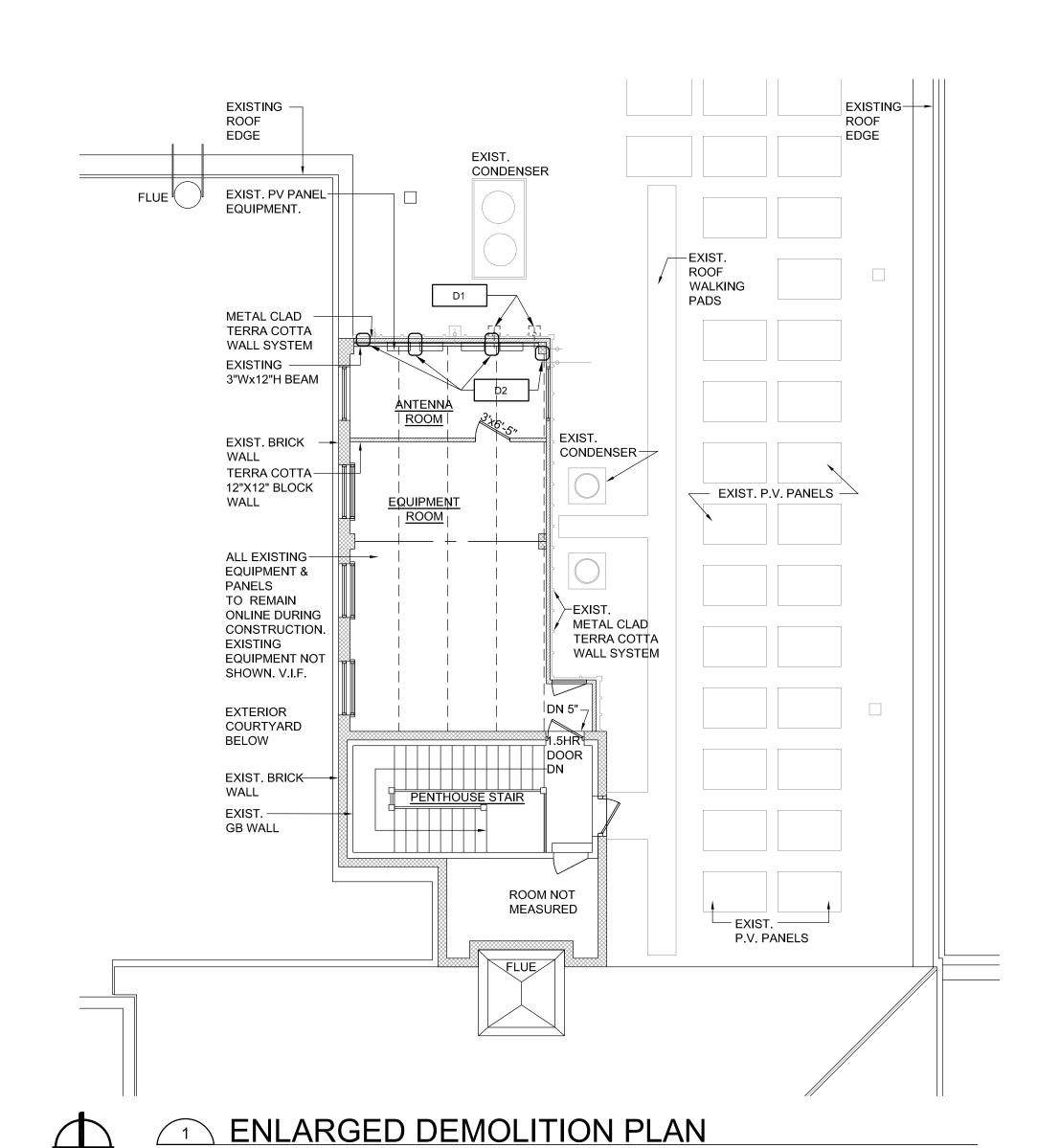
OVERALL FLOOR PLAN - ROOF LEVEL



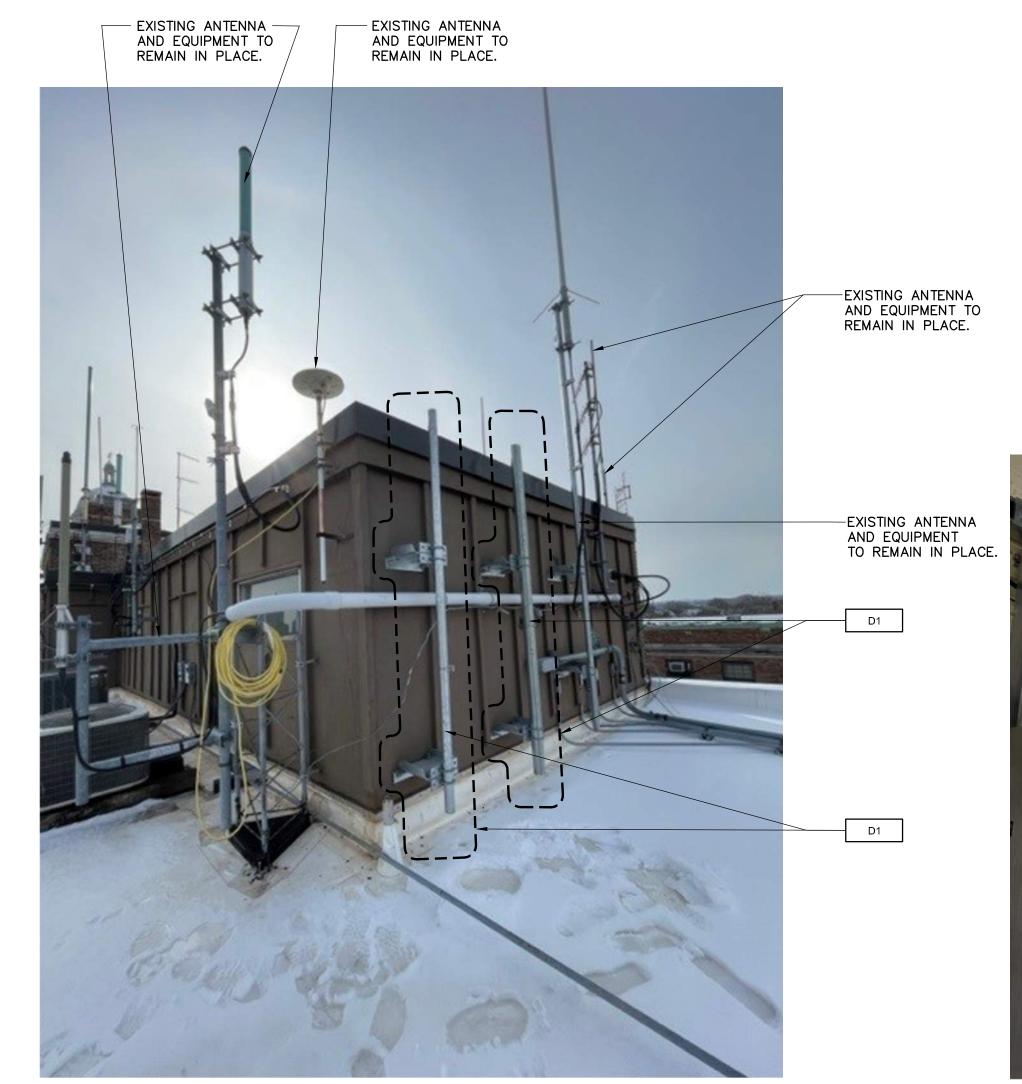


**EXTERIOR ELEVATION - EAST WALL** 

4 INTERIOR ELEVATION - ANTENNA ROOM SCALE: 1/8" = 1'-0"



SCALE: 1/8" = 1'-0"



**EXTERIOR ELEVATION - NORTH WALL** SCALE: 1/8" = 1'-0"

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6. CONTRACTOR TO PROTECT ALL EXISTING WORK TO REMAIN DURING DEMOLITION AND WILL REPAIR ANY DAMAGED AREAS AS A RESULT OF CONTRACTOR WORK AT NO

7. EXISTING BUILDING CONSTRUCTION DEFICIENCIES NOT INDICATED ON THE DRAWINGS, BUT UNCOVERED AND/OR DISCOVERED BY CONTRACTORS CONSTRUCTION ACTIVITIES SHALL BE REPORTED TO THE ARCHITECT FOR REVIEW PRIOR TO INSTALLATION OF NEW WORK. ADDITIONAL DETAILS SHALL BE FURNISHED AS NECESSARY.

R&S EXISTING ANTENNA POLE, BRACKET & ALL STRUCTURAL COMPONENTS

WALL OPENING TO MATCH EXISTING WALL ASSEMBLY. SEE NEW WORK PLANS.

EXISTING METAL PANEL SIDING AND TERRA COTTA BLOCK WALL TO RECEIVE NEW

COORDINATE WITH NEW WORK PLANS AND STRUCTURAL DRAWINGS, DISCONNECT PHOTOVOLTAIC EQUIPMENT AND BRACKETS AND REMOVE AS NEEDED FOR THE

STRUCTURAL COMPONENTS, AND THROUGH WALL BOLTING FOR NEW ANTENNA.

REVIEW EXISTING WALL IN FIELD TO CONFIRM ASSEMBLY . REPORT FINDINGS TO

ALL LOST / BROKEN SURFACES - REMOVE LOOSE DEBRIS & MATERIAL. PATCH WITH CEMENT AND TROWEL SMOOTH. PREP FOR PAINTING.

ALL EXPOSE REBAR TO BE NEUTRALIZED PRIOR ANY PATCHING, PAINTING OR REPAIR WORK.

AND ACCESSORIES ASSOCIATED WITH ANTENNA POLE AND RETURN TO OWNER. INFILL

8. CONTRACTOR TO DE-ENERGIZE, CAP / SHUT OFF ALL UTILITIES AS NECESSARY PRIOR TO ANY DEMOLITION WORK.

9. CONTRACTOR SHALL PROTECT ALL UTILITY LINES AND CONNECTIONS, ROOF, ROOF TOP EQUIPMENT, PV PANELS, MECHANICAL & ELECTRICAL EQUIPMENT FOR THE DURATION OF CONSTRUCTION.

10. CONTRACTOR TO MAINTAIN DUMPTER AT A LOCATION THAT IS APPROVED BY THE OWNER. COORDINATE PARKING AND ALLOWABLE WORK ZONES WITH OWNER.

EXISTING GYP. BOARD WALL / ITEM TO REMAIN EXISTING TO REMAIN TERRA COTTA BLOCK WALL METAL PANEL CLAD EXISTING TERRA COTTA BLOCK WALL TO REMAIN EXISTING BRICK WALL TO REMAIN \_\_\_\_\_ EXISTING WALL / ITEM TO BE REMOVED \_ \_ \_ \_ \_ \_ NEW WALL INFILL. REFER TO STRUCTURAL DRAWINGS AND CONSTRUCTION DETAILS AND NOTES. NOTES WITHOUT AN ARROW INDICATE AN ENTIRE SPACE/AREA NOTES WITH AN ARROW(S) INDICATE SPECIFIC AREAS

PLAN DEMOLITION WORK NOTES

**DEMOLITION GENERAL NOTES:** 

NOTED ON THIS SHEET.

UNAUTHORIZED PERSONS.

ADDITIONAL COST TO THE OWNER.

WORK ITEMS.

INSTALL OF THE STRUCTURAL BRACING.

CONTRACTOR IS RESPONSIBLE FOR DETERMINING ALL

ARCHITECT IF WALL ASSEMBLY DIFFERS FROM DRAWINGS.

1. CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS IN THE FIELD AND NOTIFY THE

2. CONTRACTOR TO COORDINATE EXTENTS OF ALL DEMOLITION WORK WITH ALL NEW WORK PLANS. REVIEW STRUCTURAL DRAWINGS FOR ANY REQUIRED DEMO WORK NOT

4. CONTRACTOR TO PROVIDE ALL OSHA AND/OR BUILDING CODE REQUIRED SAFETY

5. CONTRACTOR TO MAINTAIN BUILDING AND WORK AREAS IN A SAFE AND SECURE

MANNER. MAINTAIN PHYSICAL BARRIER TO PREVENT BUILDING / SITE ACCESS BY

3. CONTRACTOR SHALL PATCH / PAINT / REPAIR ANY WALL / CEILING / FLOOR LOCATIONS TO

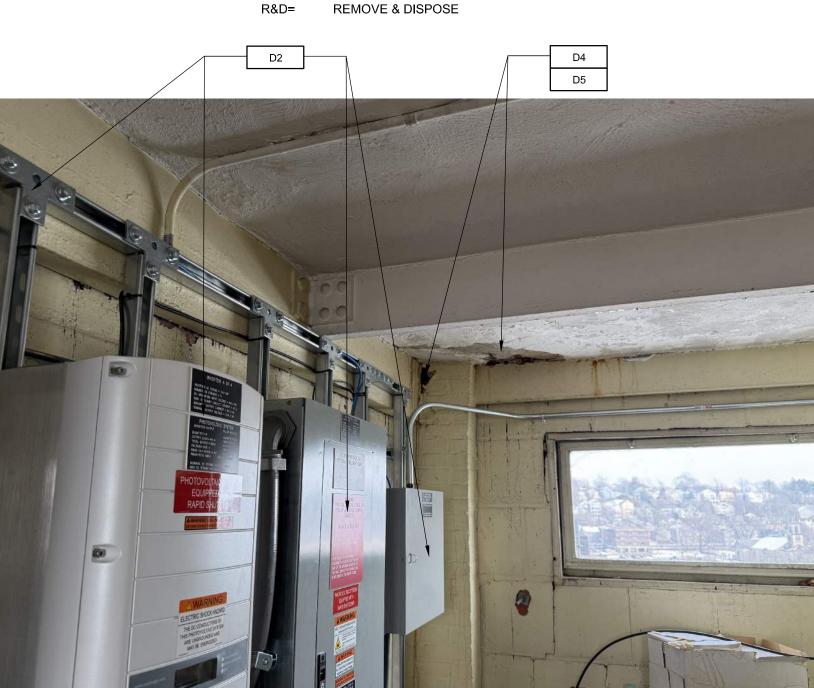
PROTECTION TO PROTECT WORKERS FROM FALLS, CRUSHING, ELECTROCUTION ETC.

MATCH ADJACENT FINISH WHERE DEMOLITION IS REQUIRED IN ORDER TO INSTALL NEW

ARCHITECT OF ANY DISCREPANCIES BEFORE STARTING DEMOLITION WORK.

QUANTITIES AND DIMENSIONS OF NEW AND DEMOLITION WORK AREA.

REMOVE & SALVAGE



Drawing Status **ISSUED FOR** CONSTRUCTION

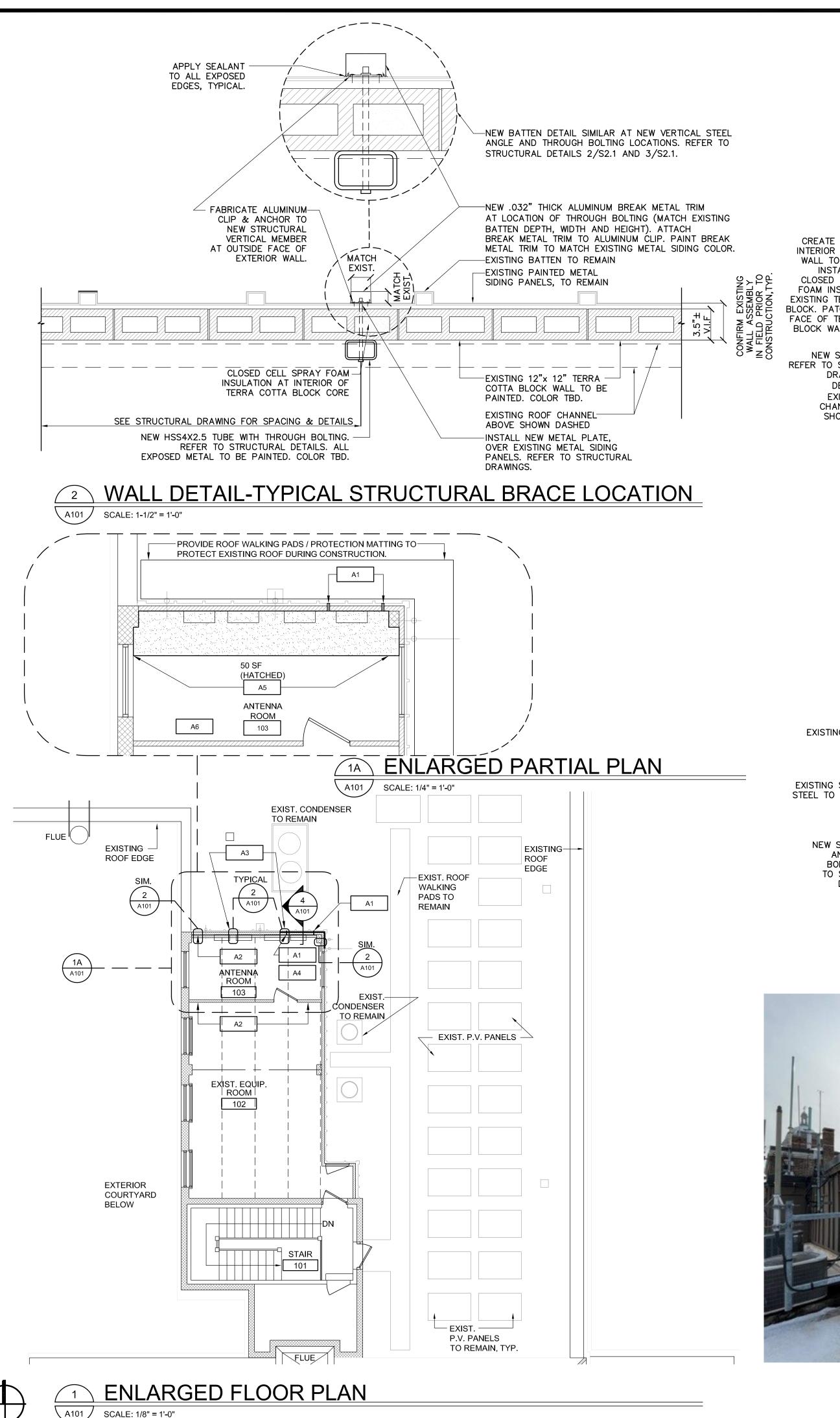
Issued On 08/13/25

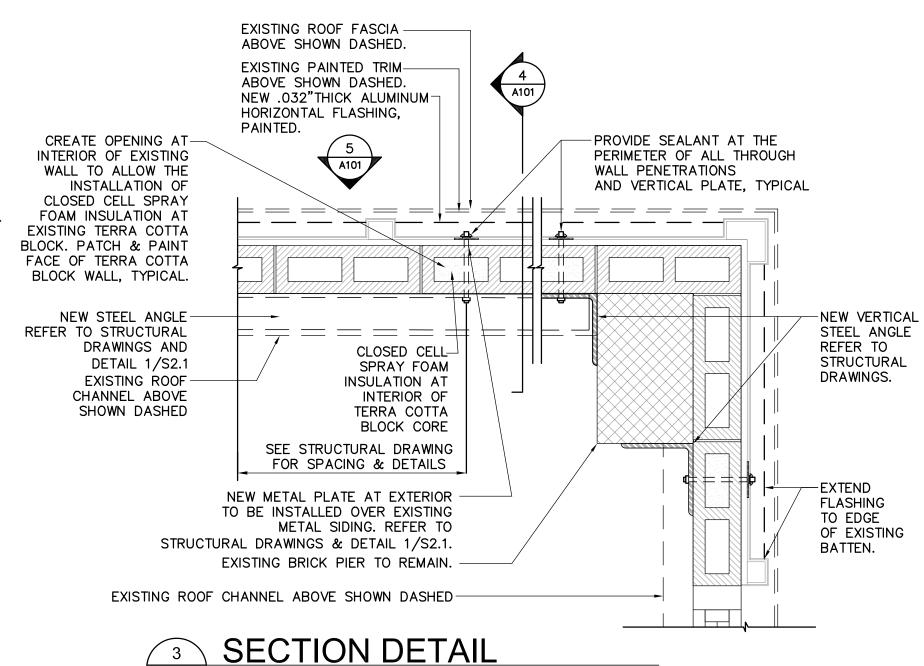
Sheet Contents DEMOLITION PLAN

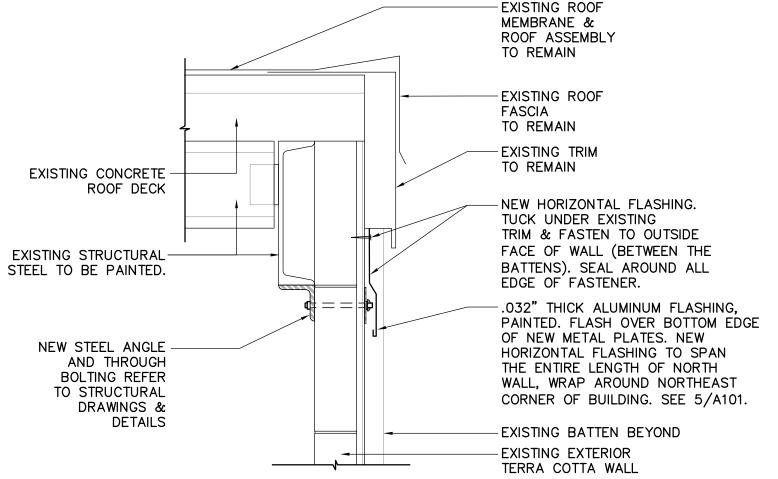
Project Number. 6887 ANTENNA ROOM

D101

**INTERIOR ELEVATION - NORTH WALL** SCALE: 1/8" = 1'-0"







SCALE: 1-1/2" = 1'-0"



SECTION DETAIL

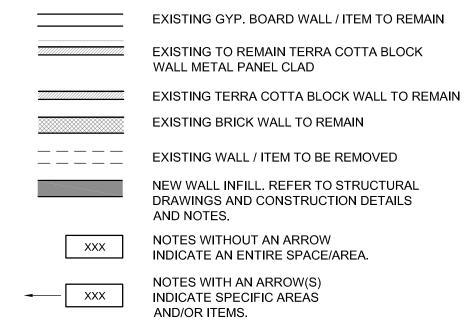
SCALE: 1-1/2" = 1'-0"

√ A101 /

NEW HORIZONTAL FLASHING (SHOWN HATCHED) TO **EXTEND LENGTH OF** NORTH WALL. WRAP HORIZONTAL FLASHING AROUND NORTHEAST CORNER. EXTEND TO BATTEN, SEE 3/A101. **NEW WORK GENERAL NOTES:** 

- 1. CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS IN THE FIELD AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES BEFORE STARTING ANY NEW WORK. CONTRACTOR IS RESPONSIBLE FOR DETERMINING ALL QUANTITIES AND DIMENSIONS OF NEW AND DEMOLITION WORK AREA.
- 2. CONTRACTOR TO COORDINATE EXTENTS ALL NEW WORK WITH STRUCTURAL DRAWINGS FOR ANY REQUIRED WORK NOT NOTED ON THIS SHEET.
- 3. CONTRACTOR SHALL PATCH / PAINT / REPAIR ANY WALL / CEILING / FLOOR LOCATIONS TO MATCH ADJACENT FINISH IN ANY EXISTING AREAS THAT ARE DISTURBED IN ORDER TO INSTALL NEW WORK ITEMS.
- 4. CONTRACTOR TO PROVIDE ALL OSHA AND/OR BUILDING CODE REQUIRED SAFETY PROTECTION TO PROTECT WORKERS FROM FALLS, CRUSHING, ELECTROCUTION ETC.
- 5. CONTRACTOR TO MAINTAIN BUILDING AND WORK AREAS IN A SAFE AND SECURE MANNER. MAINTAIN PHYSICAL BARRIER TO PREVENT BUILDING / SITE ACCESS BY UNAUTHORIZED PERSONS.
- 6. CONTRACTOR TO PROTECT ALL EXISTING WORK TO REMAIN DURING THE DURATION OF CONSTRUCTION AND WILL REPAIR ANY DAMAGED AREAS AS A RESULT OF CONTRACTOR WORK AT NO ADDITIONAL COST TO THE OWNER.
- 7. EXISTING BUILDING CONSTRUCTION DEFICIENCIES NOT INDICATED ON THE DRAWINGS, BUT UNCOVERED AND/OR DISCOVERED BY CONTRACTORS CONSTRUCTION ACTIVITIES SHALL BE REPORTED TO THE ARCHITECT FOR REVIEW PRIOR TO INSTALLATION OF NEW WORK. ADDITIONAL DETAILS SHALL BE FURNISHED AS NECESSARY.
- 8. CONTRACTOR TO DE-ENERGIZE, CAP / SHUT OFF ALL UTILITIES AS NECESSARY PRIOR TO ANY WORK.
- CONTRACTOR SHALL PROTECT ALL UTILITY LINES AND CONNECTIONS.
- 10. CONTRACTOR TO PROTECT EXISTING ROOF MEMBRANE, FLASHING, CONDENSERS, PV PANELS AND OTHER ROOF TOP EQUIPMENT FOR THE DURATION OF CONSTRUCTION.
- 11. CONTRACTOR TO PROTECT ALL EXISTING EQUIPMENT IN THE ANTENNA ROOM AND PENTHOUSE BUILDING. ALL EQUIPMENT TO REMAIN IN SERVICE DURING CONSTRUCTION. NOTIFY ARCHITECT AND OWNER FOR ANY REQUIRED SERVICE INTERRUPTIONS OR EQUIPMENT THAT NEEDS TO BE RELOCATED.
- 12. PHOTOVOLTAIC EQUIPMENT TO BE REMOVED AS NEEDED TO INSTALL STRUCTURAL BRACING. REINSTALL EQUIPMENT AFTER WORK IS COMPLETE AND TEST TO CONFIRM THAT EQUIPMENT IS OPERATIONAL. REVIEW IN FIELD WITH OWNER.
- 13. CONTRACTOR TO MAINTAIN DUMPSTER AT A LOCATION THAT IS APPROVED BY THE OWNER. COORDINATE PARKING AND ALLOWABLE WORK ZONES WITH OWNER.

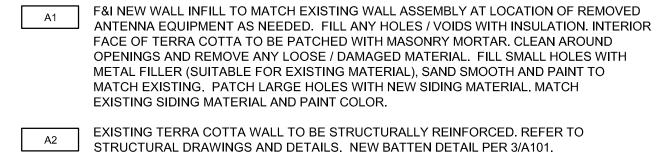
#### LEGEND:



REMOVE & SALVAGE

REMOVE & DISPOSE

### PLAN NEW WORK NOTES



- F&I NEW STRUCTURE FRAMING, BRACING AND ALL ACCOUTREMENTS NECESSARY TO INSTALL NEW ANTENNA STRUCTURE. REFER TO STRUCTURAL DRAWINGS. NEW ANTENNA SUPPLIED BY OWNER.
- PAINT ANY EXPOSED STRUCTURAL REINFORCEMENT AND FRAMING MEMBERS. ARCHITECT TO SELECT COLOR. ALL EXISTING WALLS AND CEILING IN ANTENNA ROOM TO BE PAINTED.
- REMOVE LOOSE DEBRIS & MATERIAL FROM CEILING. NEUTRALIZED ALL EXPOSED REBAR
- PATCH WITH CEMENT AND TROWEL SMOOTH. PREP FOR PAINTING. PRIME AND PAINT. PRIME AND PAINT ALL WALLS, CEILING AND EXPOSED STRUCTURAL COMPONENTS.

#### <u>STRUCTURAL DESIGN LOAD</u>

STRUCTURAL DESIGN LOAD CALCULATIONS FOR OWNER PROVIDED ANTENNA AND ANTENNA MOUNTING EQUIPMENT BASED ON 1' DIAMETER ANTENNA DISH MOUNTED NOT HIGHER THAN 14' ABOVE THE EXISTING ROOF DECK AS NOTED ON SHEET S2.1. DESIGN LOAD NOT VALID FOR ALTERNATE ANTENNA DISH SIZES AND MOUNTING HEIGHTS GREATER THAN 14' ABOVE THE ROOF DECK.

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ANTENNA ROOM **IMPROVEMENTS** 

2 CAPITOL HILL PROVIDENCE, RI 02903

Drawing Status ISSUED FOR CONSTRUCTION

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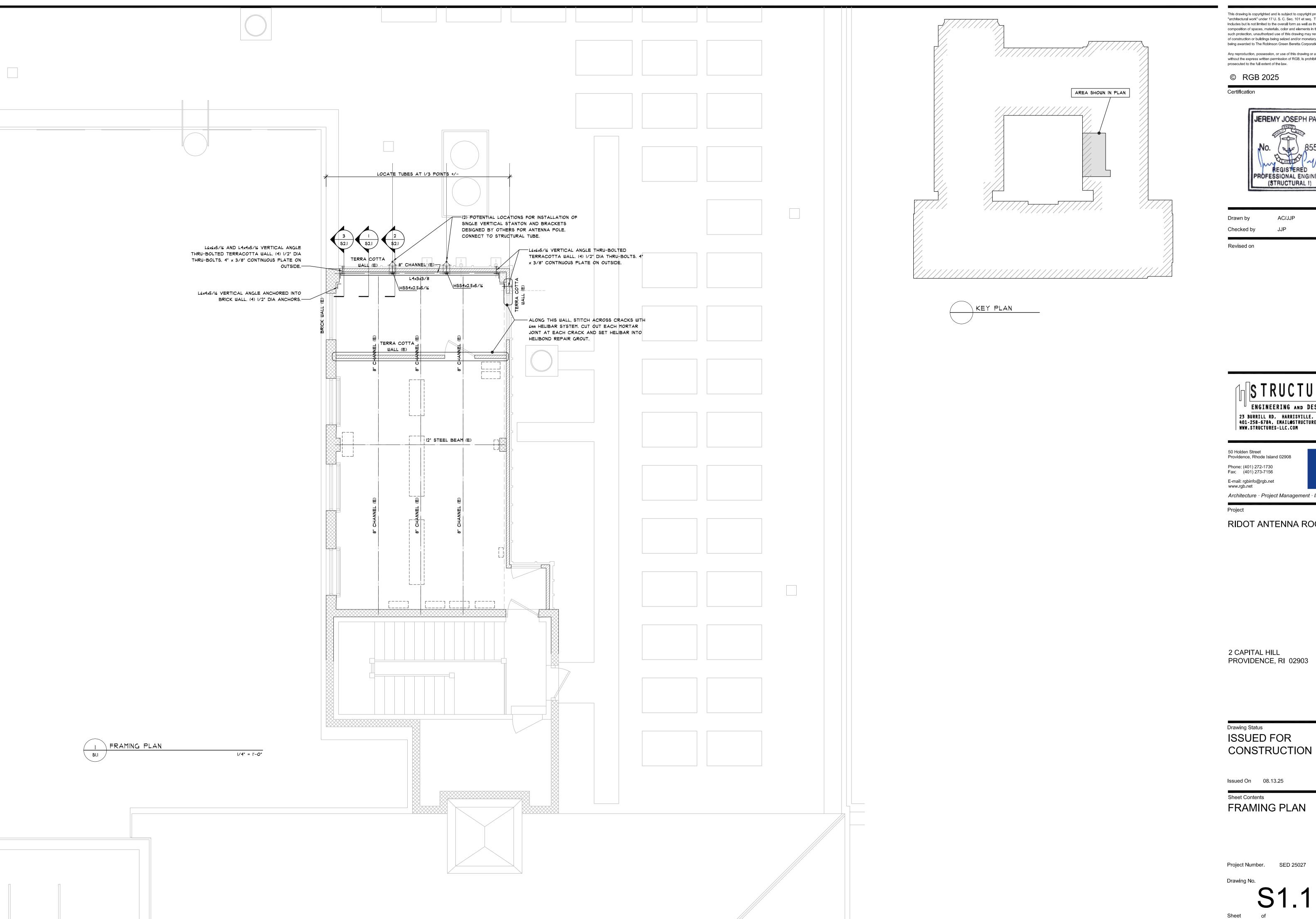
Sheet Contents FLOOR PLAN

Project Number 6887 ANTENNA ROOM

Drawing No.

**ELEVATION DETAIL** 

SCALE: 1-1/2" = 1'-0"



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RIDOT ANTENNA ROOM

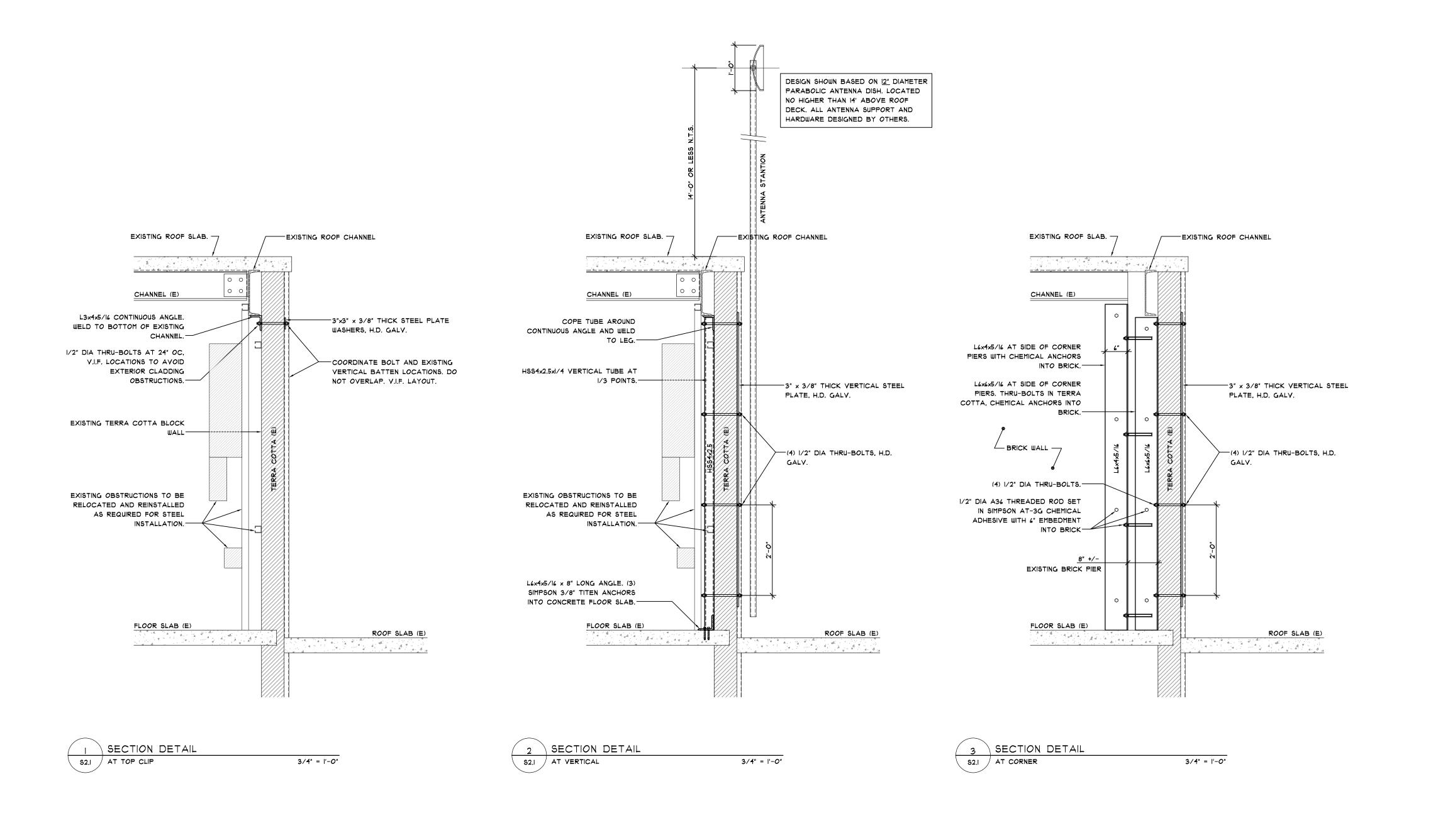
2 CAPITAL HILL PROVIDENCE, RI 02903

Drawing Status ISSUED FOR

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FRAMING PLAN

Project Number. SED 25027



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Sheet Contents

FRAMING PLAN

Project Number. SED 25027