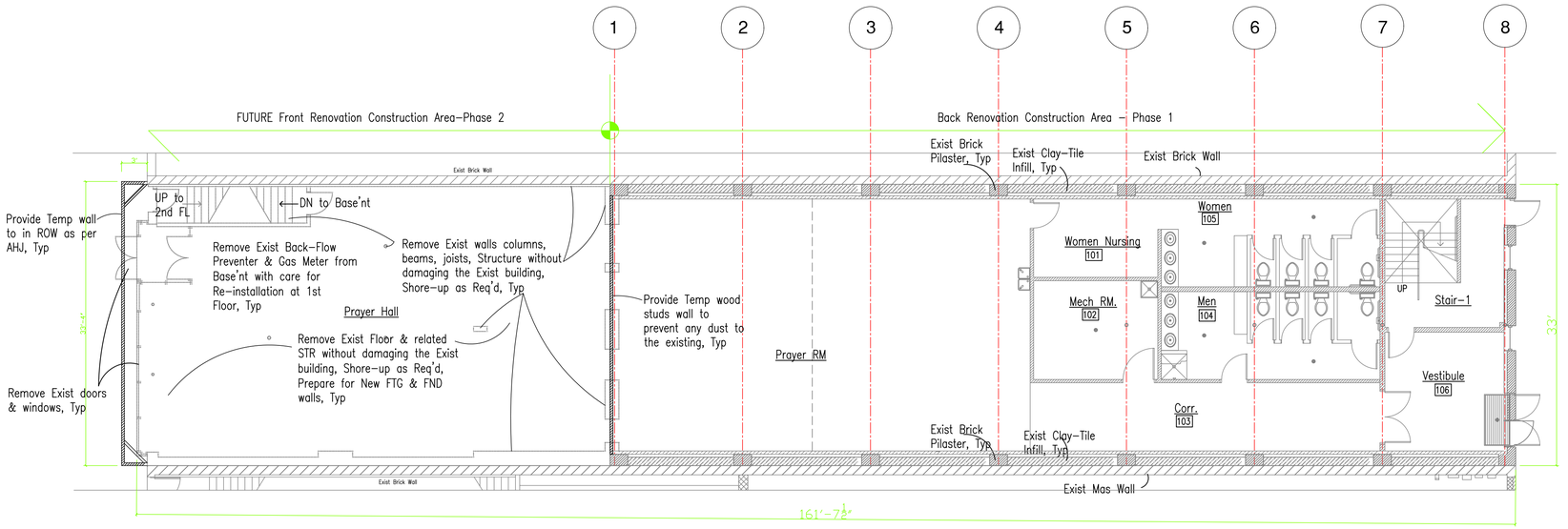


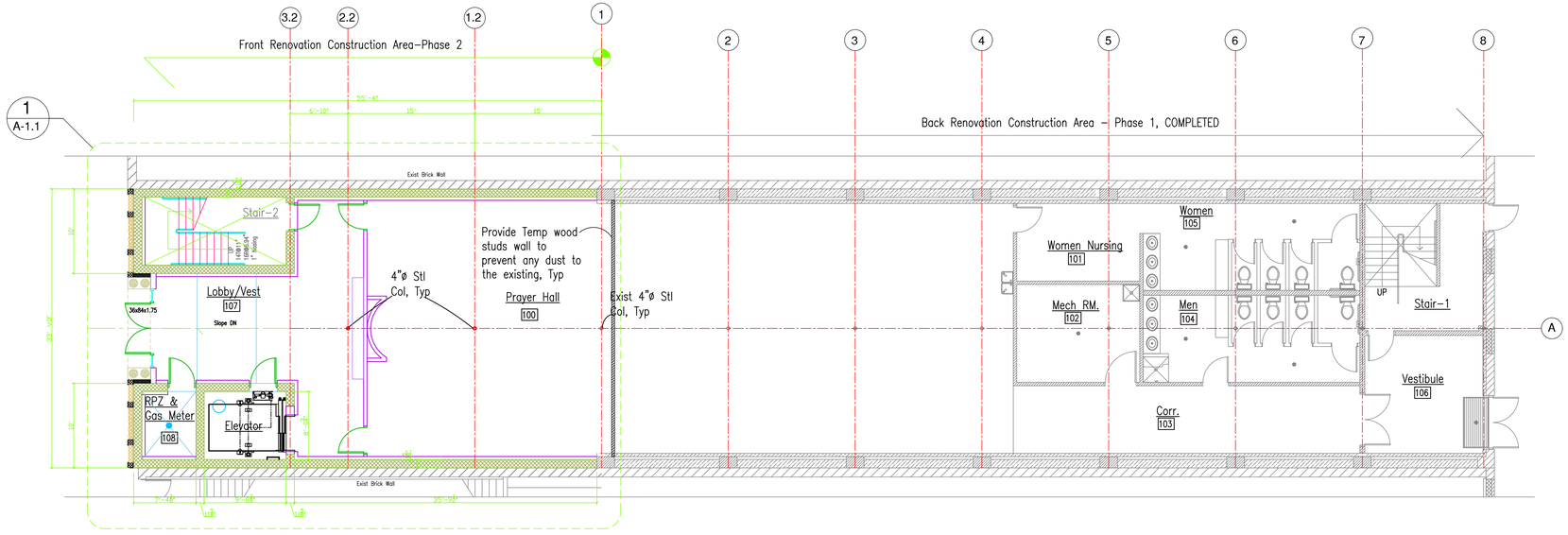
NOTE: Existing Building Drawings have been drawn based on obtained manual field measurements. VIF

Existing First Floor Plan

1

1/8" = 1'–0"

0 1' 5' 10' 20' 50'



NOTE: Existing Building Drawings have been drawn based on obtained manual field measurements. VIF

Proposed First Floor Plan

2

1/8" = 1'–0"

0 1' 5' 10' 20' 50'

DEMOLITION Notes:

1. Demolishment shall be a Controlled–Demo to reduce the Air–Born dust generated.
2.
3. The entire Existing building in Phase 2 shall be demolished (Basement, 1st Floor, 2nd Floor, Roof & Front facade). Provide brocade walls in ROW to prevent public access. Obtain Permit from AHJ to erect the wall. The brocade shall be construction and height and bracing shall comply with the requirements of the AHJ over the project. Post warring signs & the ROW side.
4. The existing Back–Flow Preventer and the Natural Gas Meter in the Basement shall be removed with care for reinstallation at 1st Floor. Repair, replace any damaged parts in the Back–Flow Preventer. Re–route the incoming Main Water Supply and N. Gas pipes to 1st floor prior to infill of the basement area with crushed stone.
5. Provide Structural bracing for the 2 adjacent neighboring existing brick walls. Demolition shall not damage the adjacent neighboring building in any manner or form. Shore up the existing Sidewalk at Front.
6. Provide Min of 8 photos of Before & After Demo Work.

Project:

Salam Mosque Front Renovation PHASE 2

276 Central Ave.
Albany, NY 12206

Owner:

Salam Mosque

276 Central Ave.
Albany, NY 12206

Architect:

GRH
Architecture, Engineering & Construction
333 Glen Haven Road
Rochester, New York 14609
Tel/Fax: (585) 654–6000
Mobile: (585) 739–6000
Email: grh@rochester.rr.com

Consultant:

Revisions:

Rev.	Description	By	Date

Sheet Title:

Existing & Proposed First Floor Plans

Project Manager:	RH
Project Architect:	RH
Drawn by:	RH
Checked by:	RH
Date Issued:	6-30-21
Project No:	91017b

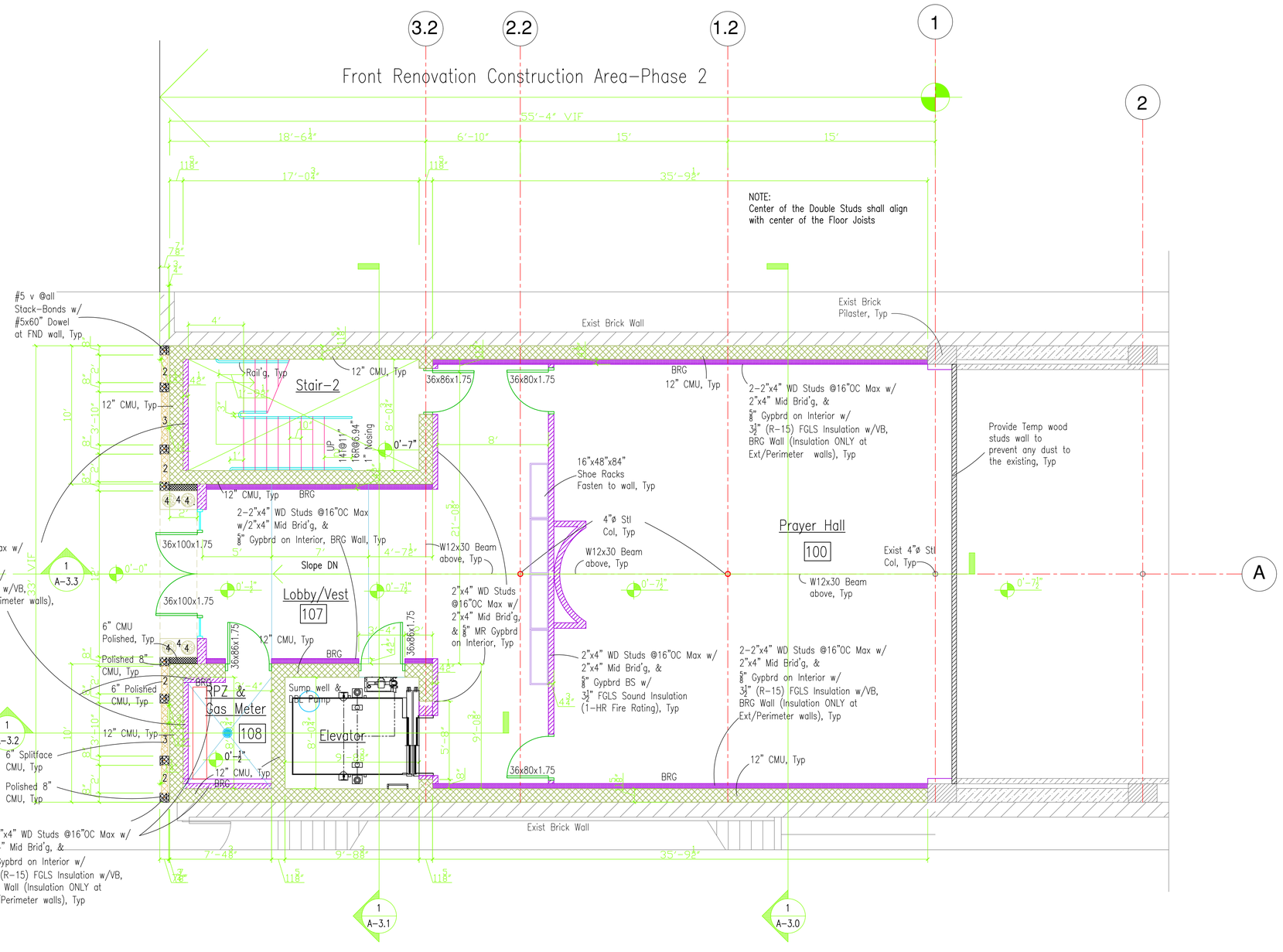
Seal:

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

Drawing No.:

A-1.0

NOTE: All Dimensions shown are to the Finished Surfaces Unless Otherwise Noted.



4"ø Stl Column

Pre–Cast Concrete

CMU– Wall

2–2"x4" Studs–BRG Wall

2"x4" Studs–Ext. Wall

2"x4" Studs–Partition Wall

6" CMU–Polished Light Tan: 1
6" CMU–Polished Dark Tan: 2
6" CMU–Split face Dark Tan: 3
PC Conc Arch/Column–Off white: 4

NOTE: Existing Building Drawings have been drawn based on obtained manual field measurements. Verify all Dimensions.

Proposed First Floor Plan — 1

¼" = 1'–0"

0 1' 5' 10' 20' 50'

Project:

Salam Mosque
Front Renovation
PHASE 2

276 Central Ave.
Albany, NY 12206

Owner:

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Consultant:

Revisions:

Rev.	Description	By	Date

Sheet Title:

First Floor Plan

Project Manager:	RH
Project Architect:	RH
Drawn by:	RH
Checked by:	RH
Date Issued:	6-30-21
Project No:	91017b

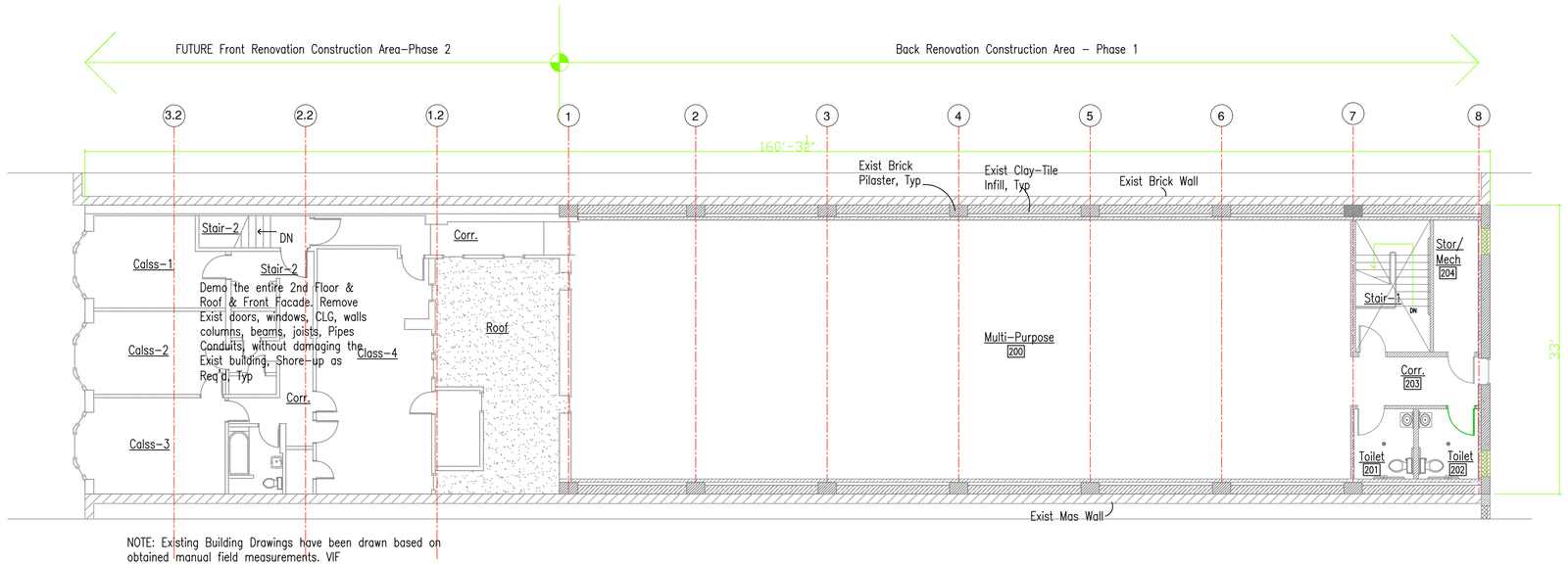
Seal:

REGISTERED ARCHITECT GREGORY A. HOURMOUZIS 022209 STATE OF NEW YORK

Scale: ¼" = 1'-0"

Drawing No.:

A-1.1



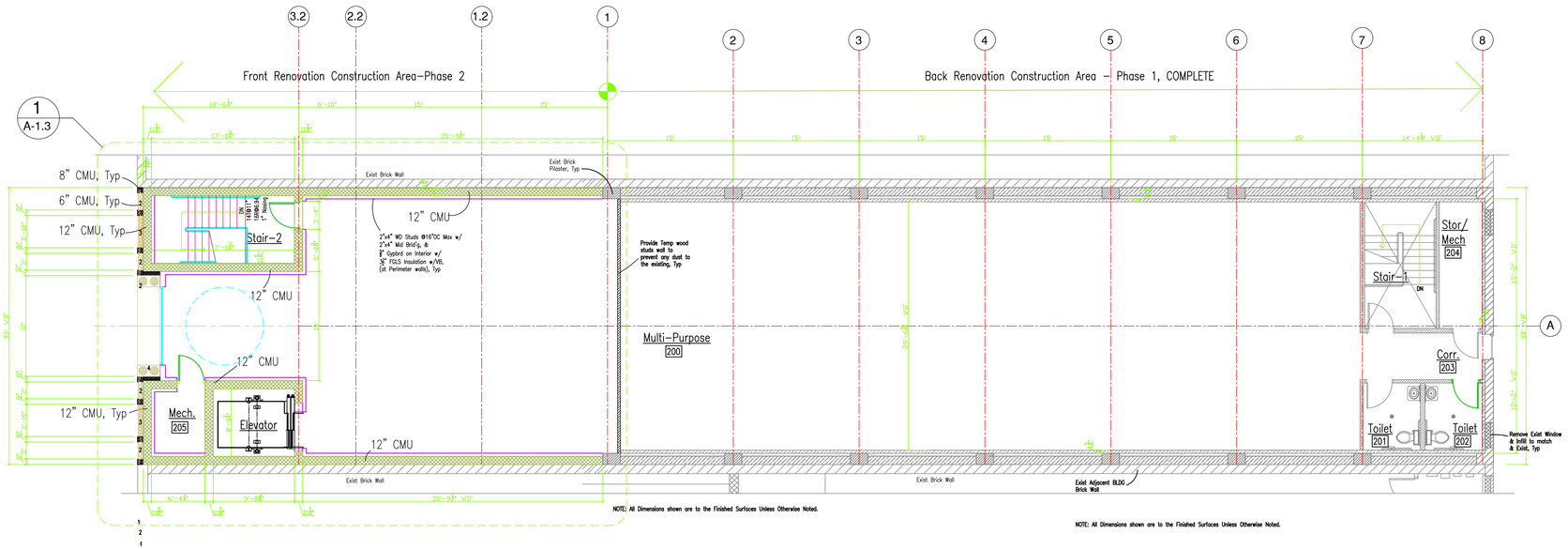
NOTE: Existing Building Drawings have been drawn based on obtained manual field measurements. VIF

Existing Second Floor Plan

1

1/8" = 1'-0"

0 1' 5' 10' 20' 50'



NOTE: Existing Building Drawings have been drawn based on obtained manual field measurements. VIF

Proposed Second Floor Plan

2

1/8" = 1'-0"

0 1' 5' 10' 20' 50'

Project:

Salam Mosque
Front Renovation
PHASE 2

276 Central Ave.
Albany, NY 12206

Owner:

Salam Mosque

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Albany, NY 12206

Architect:

GRH
Architecture, Engineering & Construction

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Consultant:

Revisions:

Rev.	Description	By	Date

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Sheet Title:

Existing & Proposed
Second Floor Plans

Project Manager: RH
Project Architect: RH
Drawn by: RH
Checked by: RH
Date Issued: 6-30-21
Project No: 91017b

Seal:

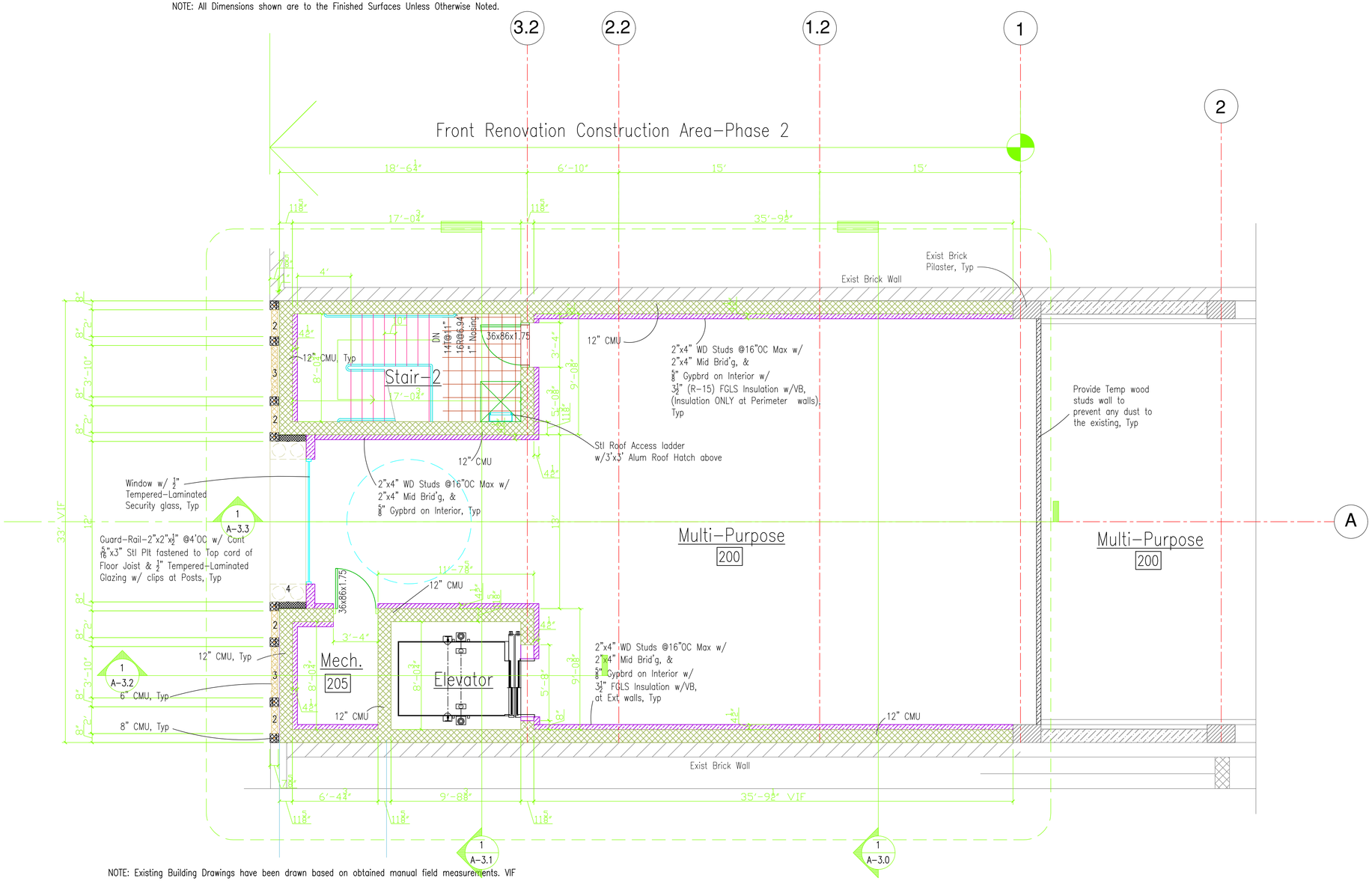
REGISTERED ARCHITECT
RICHARD HOUSEKNECHT
STATE OF NEW YORK

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

Drawing No.:

A-1.2

NOTE: All Dimensions shown are to the Finished Surfaces Unless Otherwise Noted.



NOTE: Existing Building Drawings have been drawn based on obtained manual field measurements. VIF

Second Floor Plan

¼" = 1'-0"

0 1' 5' 10' 20' 50'

1

Project:

Salam Mosque Front Renovation PHASE 2

276 Central Ave.
Albany, NY 12206

Owner:

Salam Mosque

276 Central Ave.
Albany, NY 12206

Architect:

GRH Architecture, Engineering & Construction
333 Glen Haven Road
Rochester, New York 14609
Tel/Fax: (585) 654-6000
Mobile: (585) 739-6000
Email: grh@rochester.rr.com

Consultant:

Revisions:

Rev.	Description	By	Date

Sheet Title:

Second Floor Plan

Project Manager:	RH
Project Architect:	RH
Drawn by:	RH
Checked by:	RH
Date Issued:	6-30-21
Project No:	91017b

Seal:

REGISTERED ARCHITECT GORAZA HOURMOUZIADIS 022209 STATE OF NEW YORK

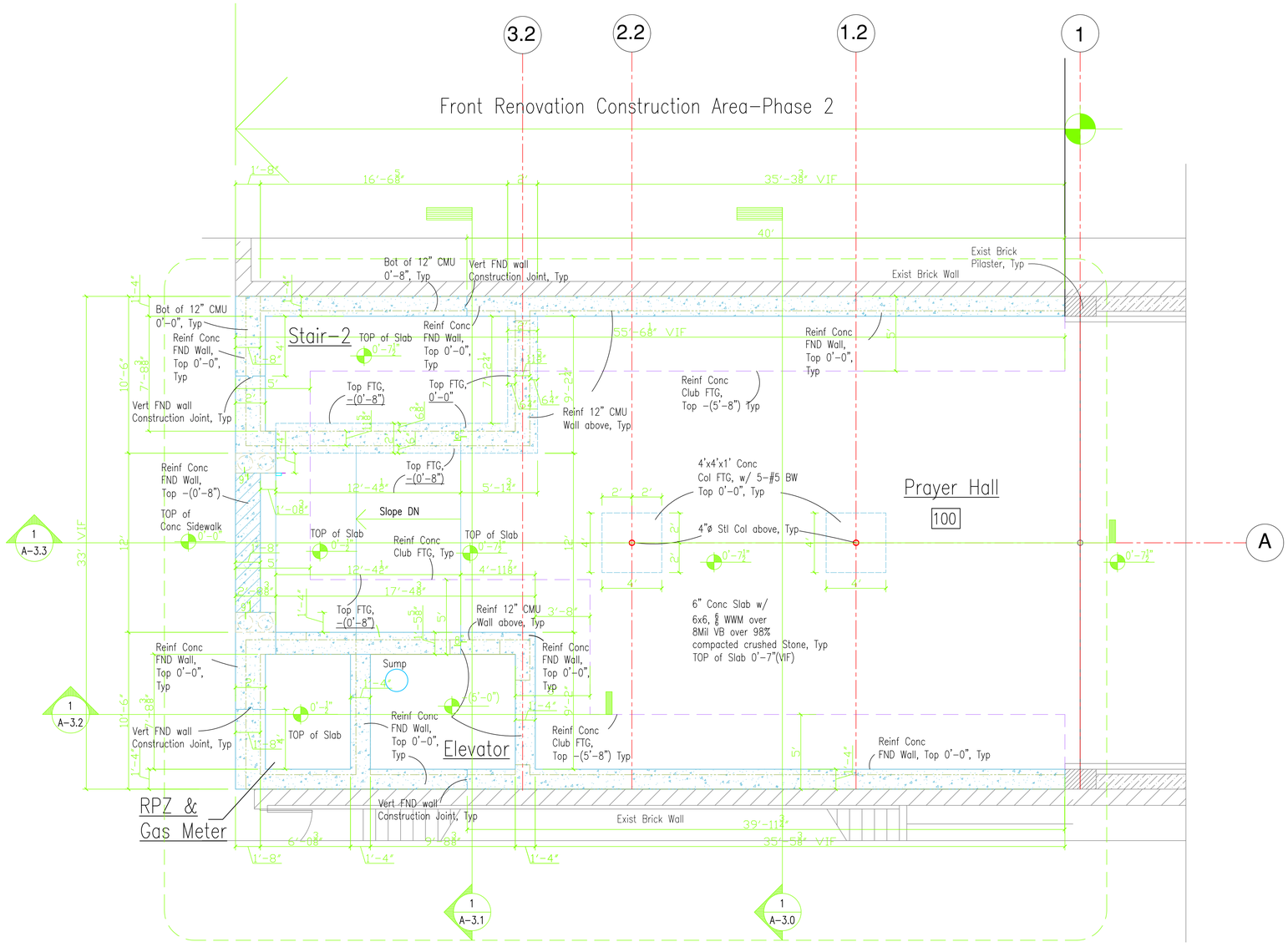
Scale: ¼" = 1'-0"

Drawing No.:

A-1.3

Foundation Notes:

1. Top of Concrete Foundation walls is 0'–0".
2. Top of Fin Conc Slab is is 0'–8".
3. The Bottom of Concrete Club Footings is assumed –(6'–8"), Field Verify.
4. Top of All Club Footings and Elevator Pit slab is –(5'–8").
5. All 12" CMU walls bottom shall be at 0'–0".
6. The Existing Basement area shall be filled with crusher–run and be compacted at Max 12" Lifts to 98%. DO NOT FILL until Min 14 Days has past since the concrete Foundation walls.
7. Keep top of all concrete FTG's & FND walls level. If the Sidewalk slopes Southeast or Southwest, Extend FND wall above grade and them keep level.
8. Align the new Concrete slab with existing slab. Adjust slope at Lobby/Vest as required to keep the Conc Slab at the ROW ½" above the existing Sidewalk.



Foundation Plan

1/4" = 1'–0"

0 1' 5' 10' 20' 50'

1

Project:

Salam Mosque
Front Renovation
PHASE 2

276 Central Ave.
Albany, NY 12206

Owner:

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Email: grh@rochester.rr.com

Consultant:

Revisions:

Rev.	Description	By	Date

Sheet Title:

Foundation Plan

Project Manager:	RH
Project Architect:	RH
Drawn by:	RH
Checked by:	RH
Date Issued:	6-30-21
Project No:	91017b

Seal:

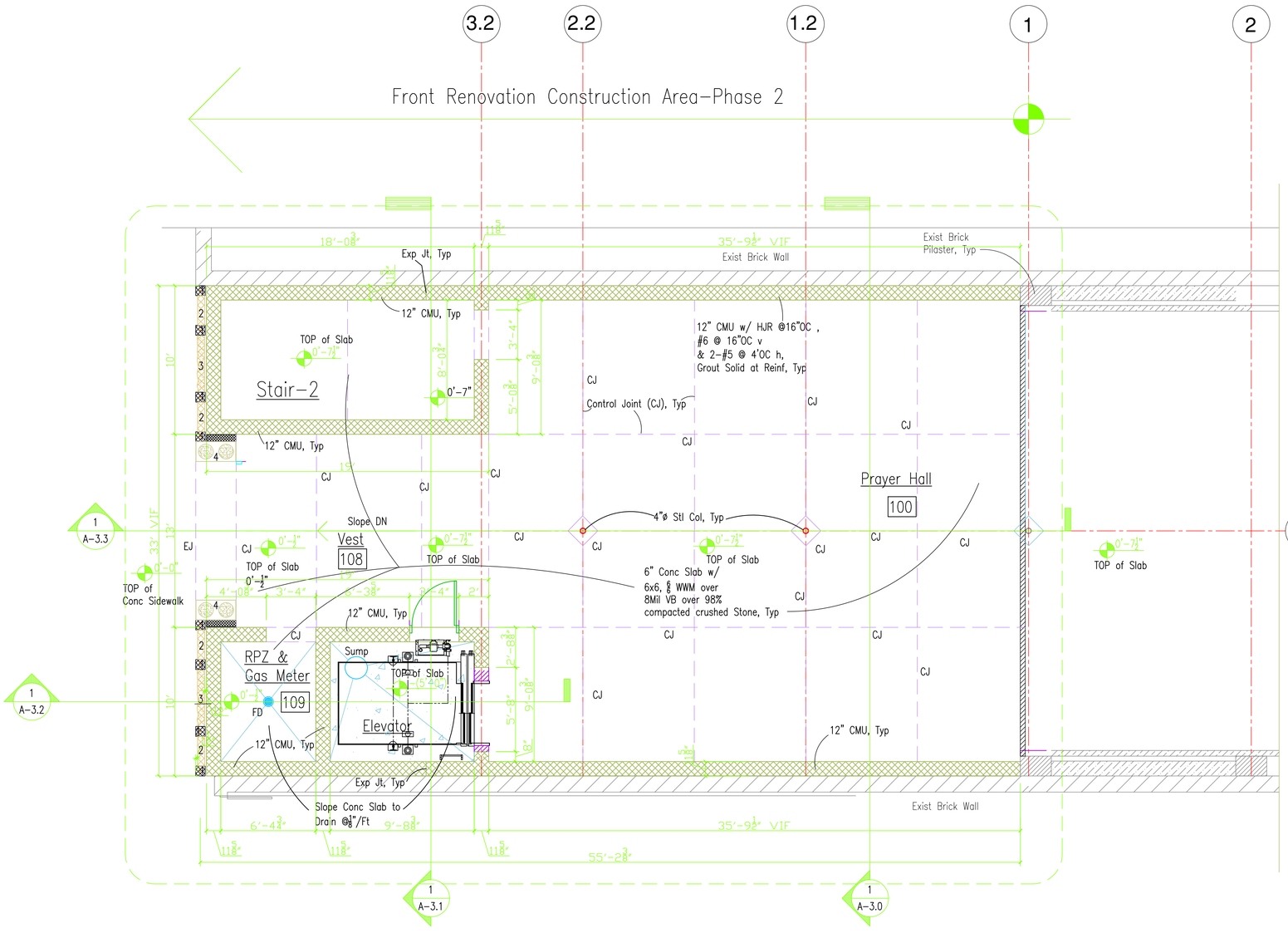
REGISTERED ARCHITECT · CHEZA HOURMANESH · 022220 · STATE OF NEW YORK

Scale: 1/4" = 1'-0"

Drawing No.:

A-1.4

NOTE: All Dimensions shown are to the Finished Surfaces Unless Otherwise Noted.



First Floor Concrete Slab Plan 1

1/4" = 1'-0"

0 1' 5' 10' 20' 50'

Project:

Salam Mosque
Front Renovation
PHASE 2

276 Central Ave.
Albany, NY 12206

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Email: grh@rochester.rr.com

Consultant:

Revisions:

Rev.	Description	By	Date

Sheet Title:

First Floor
Concrete Slab Plan

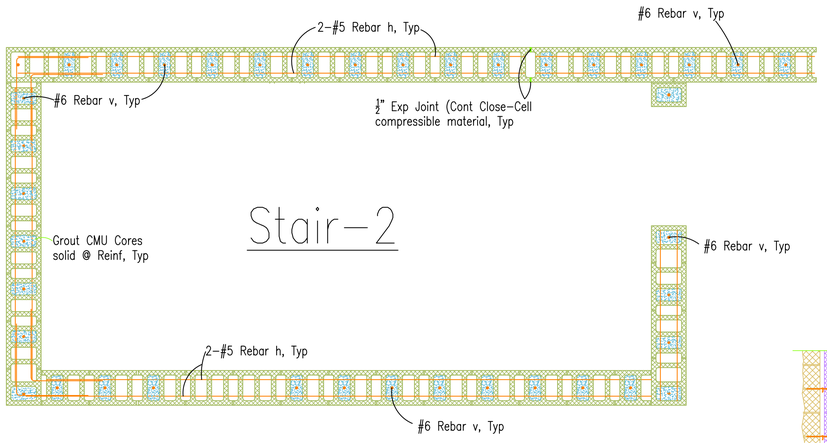
Project Manager:	RH
Project Architect:	RH
Drawn by:	RH
Checked by:	RH
Date Issued:	6-30-21
Project No:	91017b

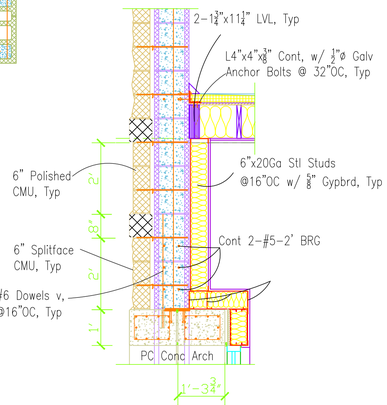
Seal:

Scale: 1/4" = 1'-0"

Drawing No.:

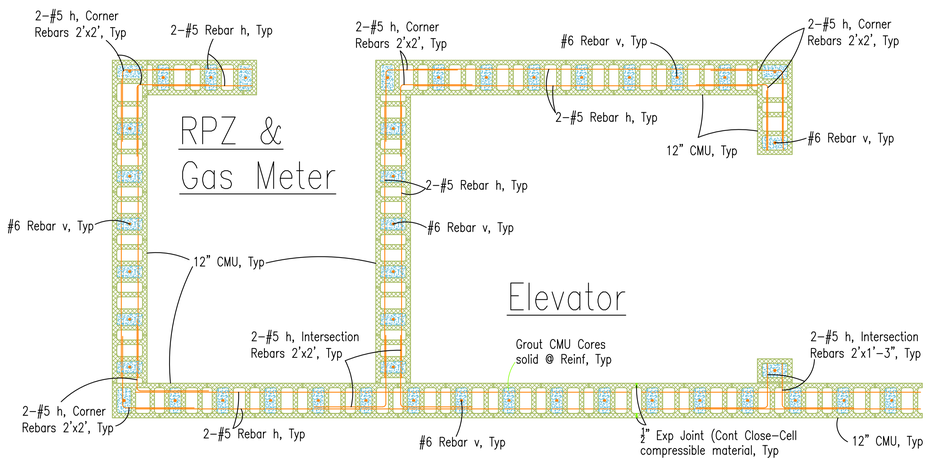
A-1.5



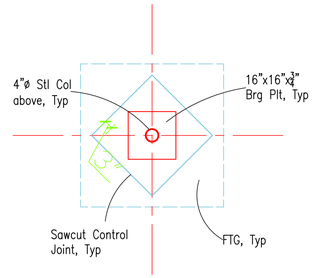


NOTE:
Center Vertical #6 Rebars in the center of the 12" CMU core. It is acceptable if at some location the Center to Center of #6 Rebars exceed 16" OC, but in no case shall the Dim exceed 18" OC. Align the Dowels locations from Conc FTG with the Vertical bars in the CMU walls.

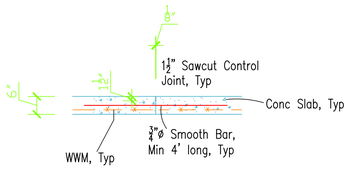
PC Conc Front Arch Detail 6
½" = 1'-0"

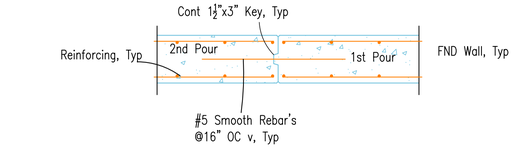


CMU & Reinforcement Plan 1
½" = 1'-0"



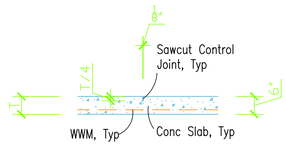
Control Joint @ Column 2
½" = 1'-0"





NOTE:
Construction Joints Center to Center dimension shall not exceed more than 40 Linear feet.

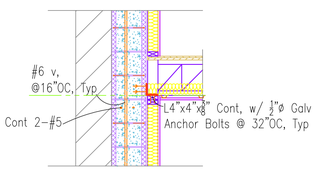
Vertical FND Wall Construction Joint 3
½" = 1'-0"

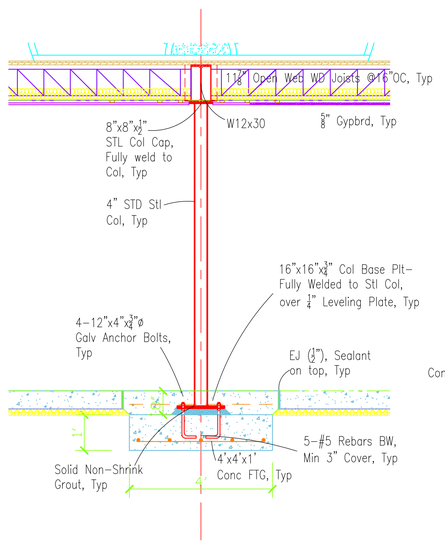


NOTE: Fill Construction and Control Joints w/ Sealant.

Construction Joint 4
½" = 1'-0"

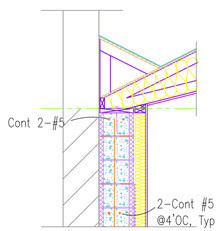
Control Joint 5
½" = 1'-0"





Detail at Steel Column 7
½" = 1'-0"

CMU wall Detail at Floor 8
½" = 1'-0"



Roof Truss Bearing at CMU wall 9
½" = 1'-0"

Project:

Salam Mosque
Front Renovation
PHASE 2

276 Central Ave.
Albany, NY 12206

Owner:

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Architect:

GRH
Architecture, Engineering & Construction
333 Glen Haven Road
Rochester, New York 14609
Tel/Fax: (585) 654-6000
Mobile: (585) 739-6000
Email: grh@rochester.rr.com

Consultant:

Revisions:

Rev.	Description	By	Date

Sheet Title:

Concrete, Reinforcing & Masonry Details

Project Manager:	RH
Project Architect:	RH
Drawn by:	RH
Checked by:	RH
Date Issued:	6-30-21
Project No:	91017b

Seal:

Scale: ½" = 1'-0"

Drawing No.:

A-1.6

ALTERNATE FLOOR JOISTS;
A 12" deep Steel Open Web (OW) joists & Steel Deck may be provided in lieu of Wood OW joists & Plywd Deck shown. Load Bearing Capacity (LL=100lbs + DL= 20lbs) for the span (16'ft) & Details shall be provided for connections at wood Stud Bearing walls and the W12x30 Steel beam. The Fire Rating shall remain Min 1-HR.

STEEL NOTES

1. STRUCTURAL STEEL SHALL CONFORM TO THE LATEST AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) SPECIFICATION AND CODE OF STANDARD PRACTICE
2. STRUCTURAL STEEL GRADES (UNLESS NOTED OTHERWISE ON PLAN)
   STRUCTURAL STEEL, W-SECTIONS: ASTM A572 (ASTM A992), Fy = 50ksi
   STRUCTURAL STEEL, ANGLES, PLATES & CHANNELS: ASTM A36, Fy = 36ksi
   STRUCTURAL STEEL TUBING: ASTM A500, Fy = 46ksi
   STRUCTURAL STEEL PIPE: ASTM A501, Fy = 36ksi
   ANCHOR BOLTS: ASTM F1554-36 or ASTM A36
   BOLTS: A325N
3. WELDING SHALL CONFORM TO AWS D1.1 ELECTRODES SHALL BE E70XX.
4. STRUCTURAL STEEL SHALL BE SHOP PAINTED WITH AN ALKYD PRIMER PAINT. AFTER ERECTION TOUCH UP ALL AREAS WHERE PAINT IS MISSING OR DAMAGED INCLUDING FIELD WELDS.
5. CONNECTIONS SHALL BE DESIGNED FOR THE END REACTIONS COMPUTED FROM THE TABLE "UNIFORM LOAD CONSTANTS" IN THE AISC MANUAL UNLESS NOTED OTHERWISE.
6. LENGTH OF FRAMED BEAM CONNECTIONS SHALL BE APPROXIMATELY EQUAL TO THE "T" DISTANCE OF THE SMALLER BEAM UNLESS NOTED OTHERWISE.
7. SUBMIT SHOP DRAWINGS FOR STRUCTURAL STEEL FOR REVIEW PRIOR TO FABRICATION.
8. PROVIDE W12X30 BEAM SPANNING 2 BAYS. CONNECT STEEL BEAMS WITH 2-8"X12"X$\frac{3}{8}$" STEEL PLATS CENTERED ON JOINT, WITH MIN. OF 2-1/2"ø BOLTS. WASHERS & NUTS EACH SIDE. SPLICE ONLY AT MIDDLE OF TOP COLUMN BEARING PLATE.

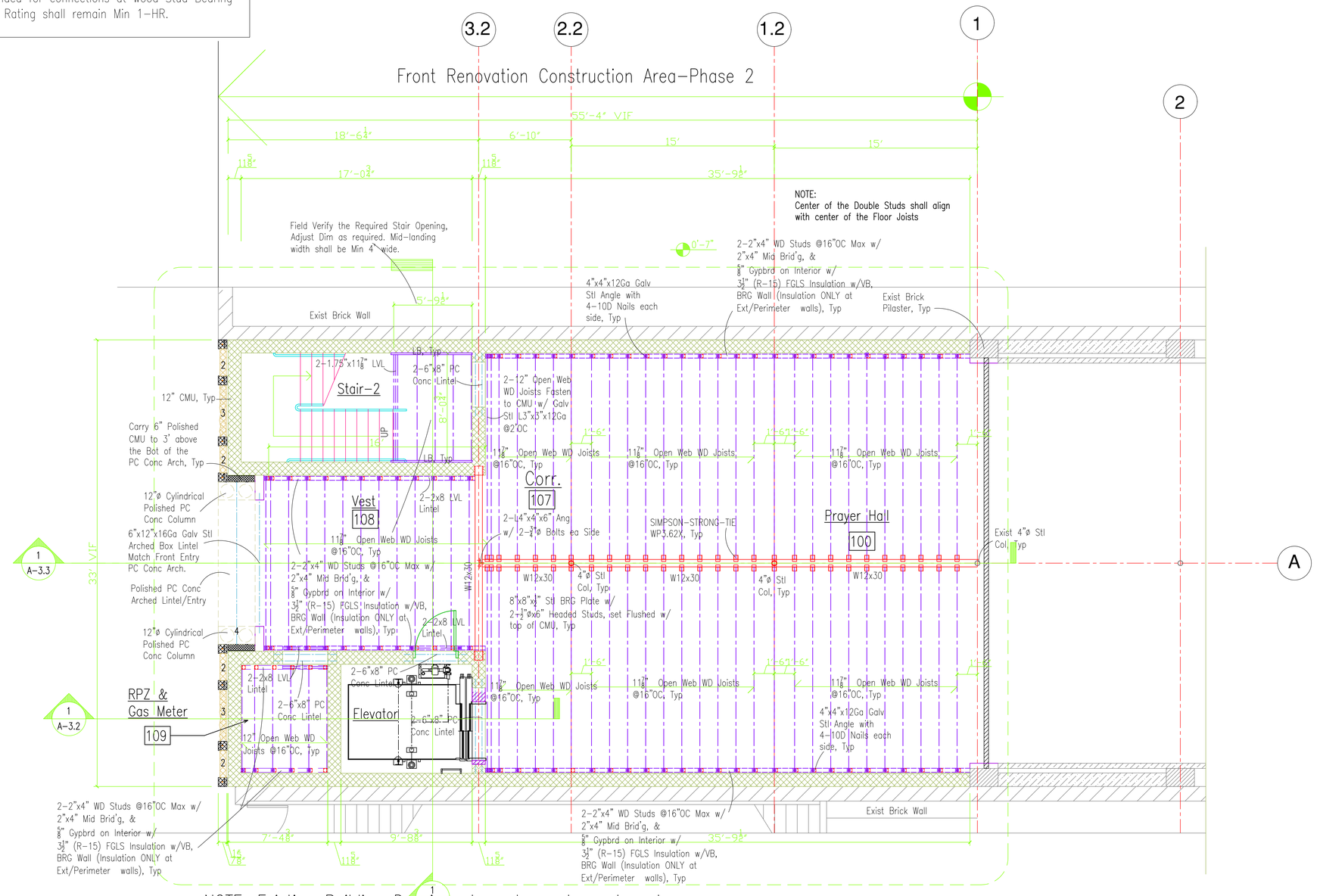
WOOD NOTES

1.) WOOD CONSTRUCTION SHALL CONFORM TO THE AMERICAN FOREST and PAPER ASSOCIATION'S (AF&PA) NATIONAL DESIGN SPECIFICATIONS, 2001 EDITION. LUMBER SHALL BE #2 HEM-FIR OR BETTER WITH Fb=850 psi, Fv=150 psi AND E=1,300,000 psi.

2.) WOOD IN CONTACT WITH MASONRY, CONCRETE OR EARTH, OR WITHIN 1'-0" OF GRADE OR EXPOSED TO THE EXTERIOR SHALL BE PRESSURE PRESERVATIVE TREATED.

3.) MICRO-LAM LUMBER AND TRUS-JOISTS SHALL BE AS MANUFACTURED BY TRUS-JOIST, ILEVEL by Weyerhaeuser". BEAMS SHALL BE PROPERLY FASTENED TOGETHER WITH A MINIMUM OF (2)-ROWS OF 16d NAILS PER FOOT. INSTALL PER MANUFACTURERS RECOMMENDATIONS.

4.) FRAMING ANCHORS AND MISCELLANEOUS METAL CONNECTING DEVICES FOR WOOD FRAMING SHALL BE GALVANIZED STEEL OF AT LEAST 16 GAGE THICKNESS INSTALL IN STRICT ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. USE NAILS SUPPLIED BY OR RECOMMENDED BY THE MANUFACTURER.



NOTE: Existing Building Drawings have been drawn based on obtained manual field measurements. VIF

Ledger Beam	LB
4"ø Stl Column	
Pre-Cast Concrete	
CMU- Wall	
2-2"x4" Studs-BRG Wall	
2"x4" Studs-Ext. Wall	
2"x4" Studs-Partition Wall	

ALTERNATE FLOOR JOISTS;
A 12" deep Steel Open Web (OW) joists & 1½"x20Ga Steel Deck with ½" OSB top may be provided in lieu of Wood OW joists & Plywd Deck shown. Load Bearing Capacity (LL=100lbs + DL= 20lbs) for the span (16'ft) & Details shall be provided for connections at wood Stud Bearing walls and the W12x30 Steel beam. The Fire Rating shall remain Min 1-HR.

Second Floor Framing Plan — 1
¼" = 1'-0"
0 1" 5' 10' 20' 50'

Project:

Salam Mosque
Front Renovation
PHASE 2

276 Central Ave.
Albany, NY 12206

Owner:

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276 Central Ave.
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Architect:

GRH
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333 Glen Haven Road
Rochester, New York 14609
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Email: grh@rochester.rr.com

Consultant:

Revisions:

Rev.	Description	By	Date

Sheet Title:

Second Floor
Framing Plan

Project Manager:	RH
Project Architect:	RH
Drawn by:	RH
Checked by:	RH
Date Issued:	6-30-21
Project No:	91017b

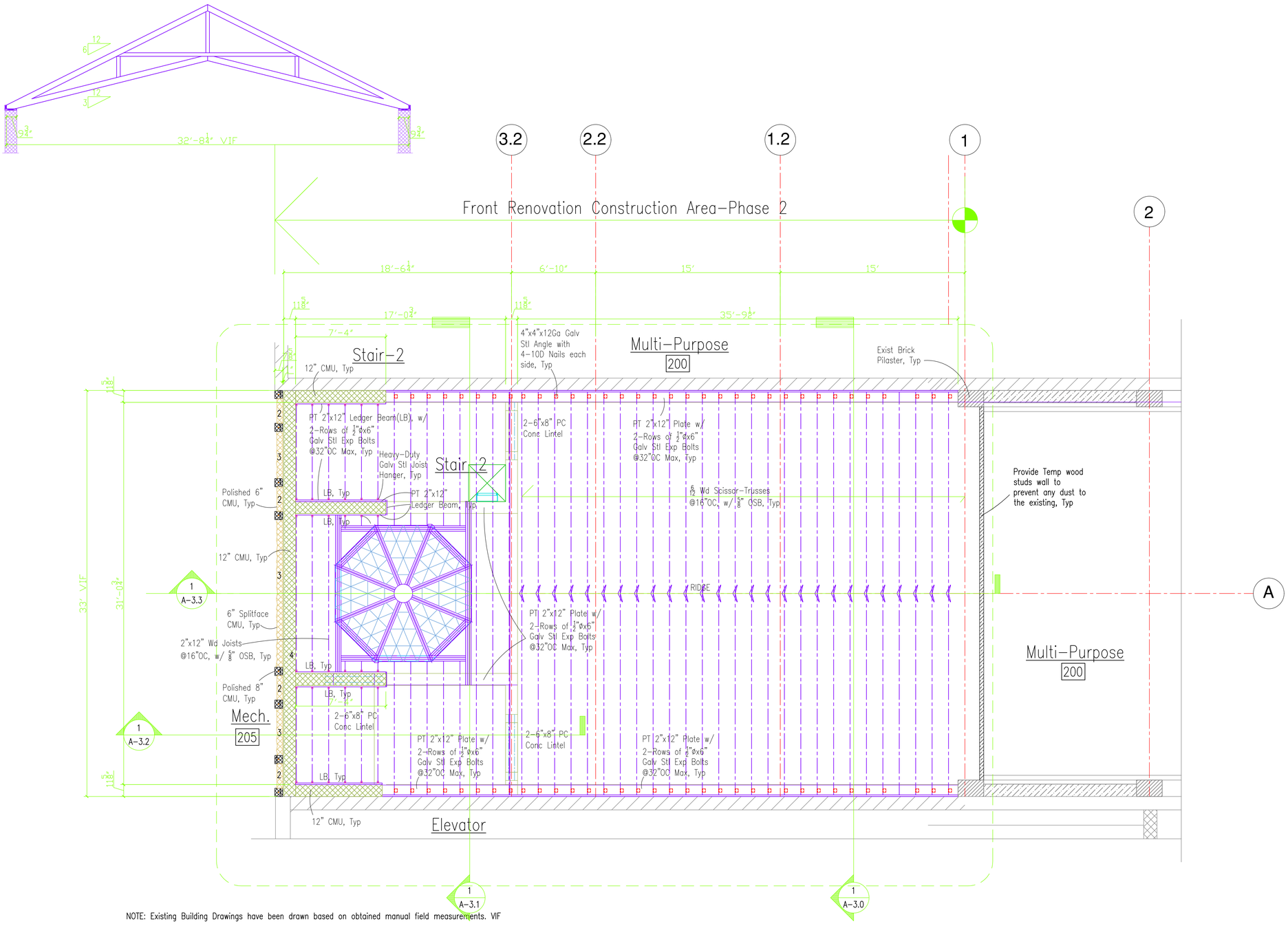
Seal:

REGISTERED ARCHITECT DOREA HOURMOUZIOS STATE OF NEW YORK 022200

Scale: ¼" = 1'-0"

Drawing No.:

A-1.7



NOTE: Existing Building Drawings have been drawn based on obtained manual field measurements. VIF

Second Floor Plan

1/4" = 1'-0"

0 1' 5' 10' 20' 50'

1

Project:

Salam Mosque
Front Renovation
PHASE 2

276 Central Ave.
Albany, NY 12206

Owner:

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Architect:

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Architecture, Engineering & Construction
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Mobile: (585) 739-6000
Email: grh@rochester.rr.com

Consultant:

Revisions:

Rev.	Description	By	Date

Sheet Title:

Roof
Framing Plan

Project Manager:	RH
Project Architect:	RH
Drawn by:	RH
Checked by:	RH
Date Issued:	6-30-21
Project No:	91017b

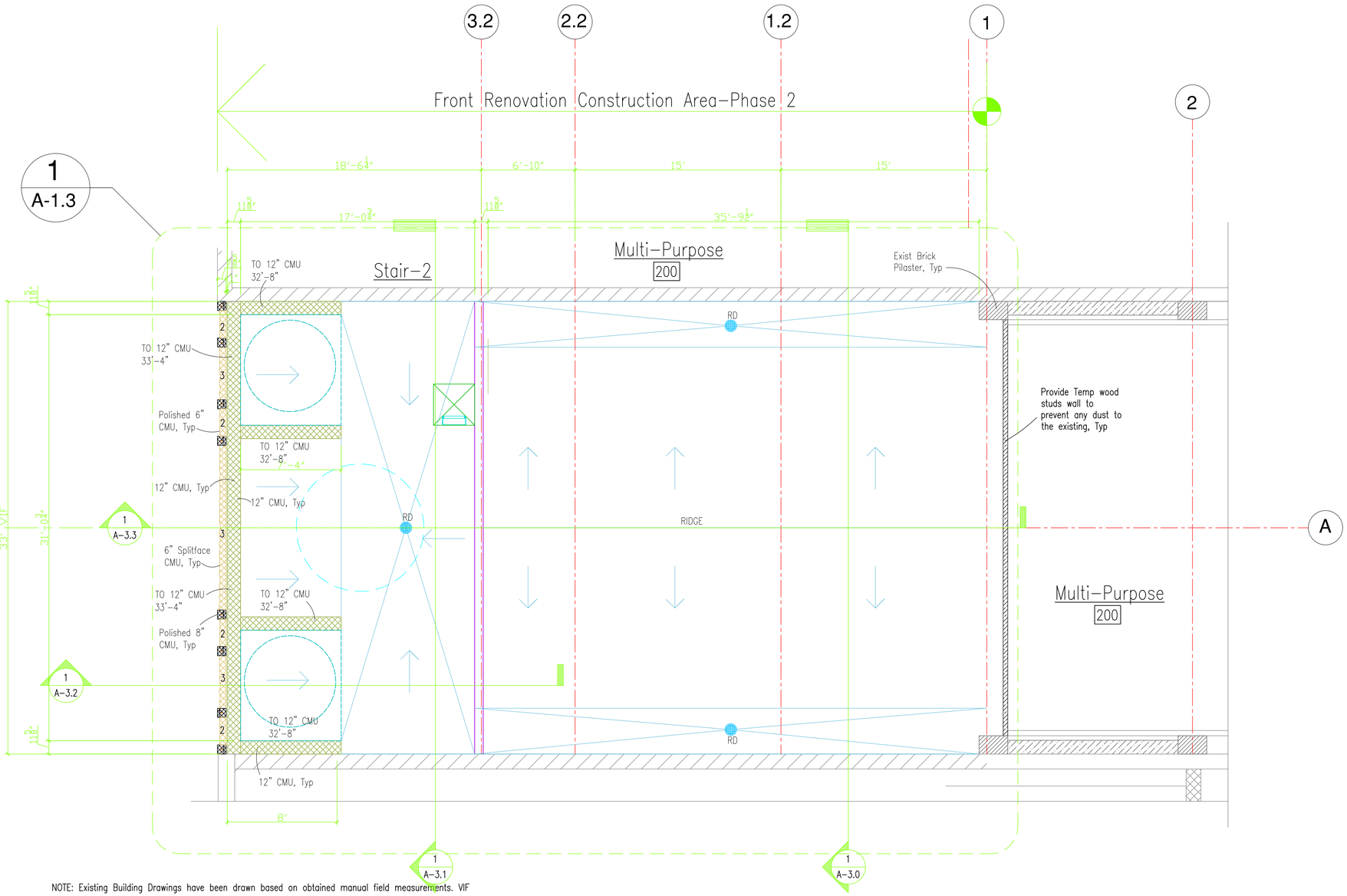
Seal:

REGISTERED ARCHITECT
GREGA HOURIGAN
022200
STATE OF NEW YORK

Scale: 1/4" = 1'-0"

Drawing No.:

A-1.8



NOTE: Existing Building Drawings have been drawn based on obtained manual field measurements. VIF

Roof Plan

1/4" = 1'-0"

0 1' 5' 10' 20' 50'

1

Project:

Salam Mosque
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PHASE 2

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Consultant:

Revisions:

Rev.	Description	By	Date

Sheet Title:

Roof Plan

Project Manager:	RH
Project Architect:	RH
Drawn by:	RH
Checked by:	RH
Date Issued:	6-30-21
Project No:	91017b

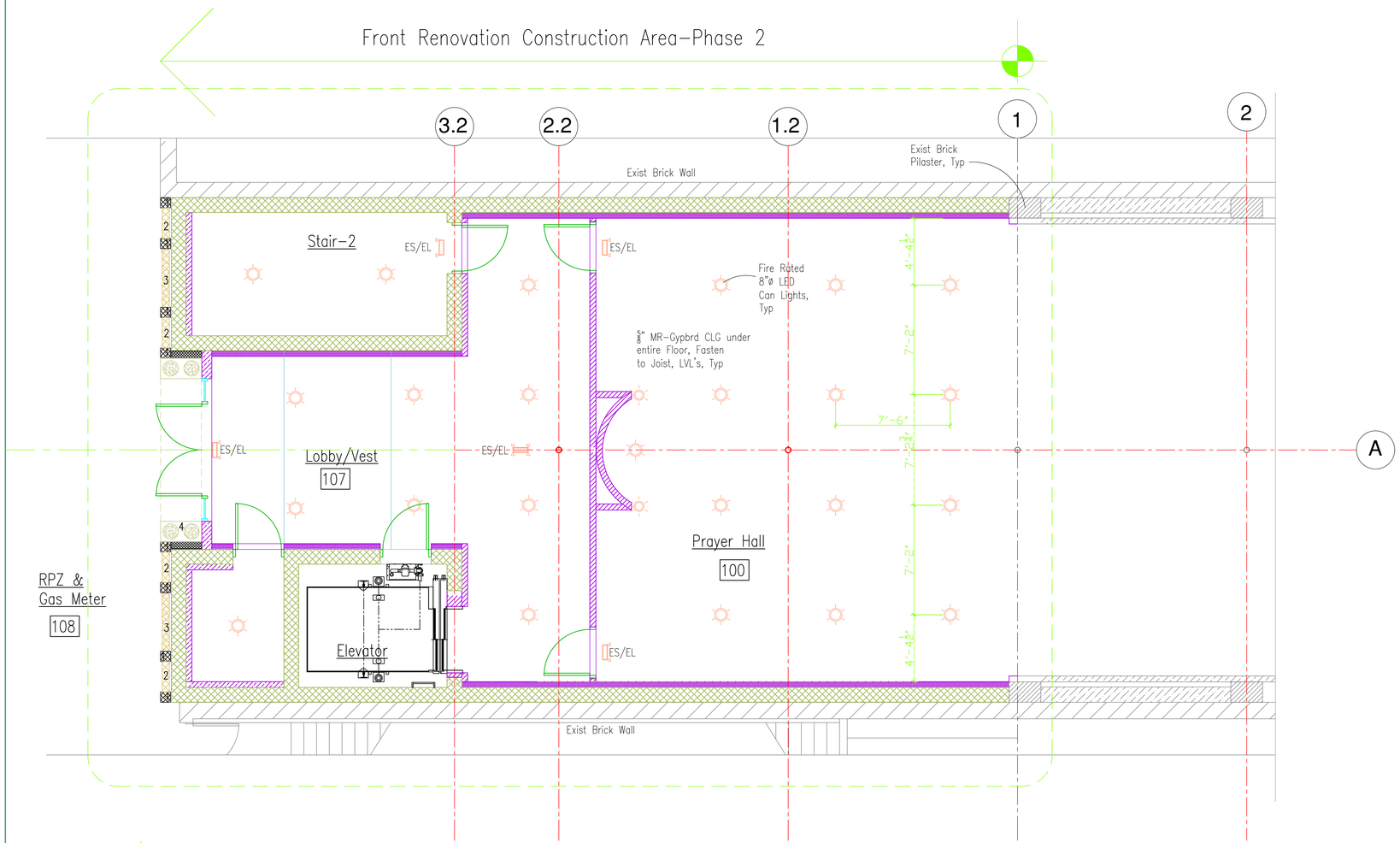
Seal:

REGISTERED ARCHITECT
GHEEA HOURMOUZIADIS
092200
STATE OF NEW YORK

Scale: 1/4" = 1'-0"

Drawing No.:

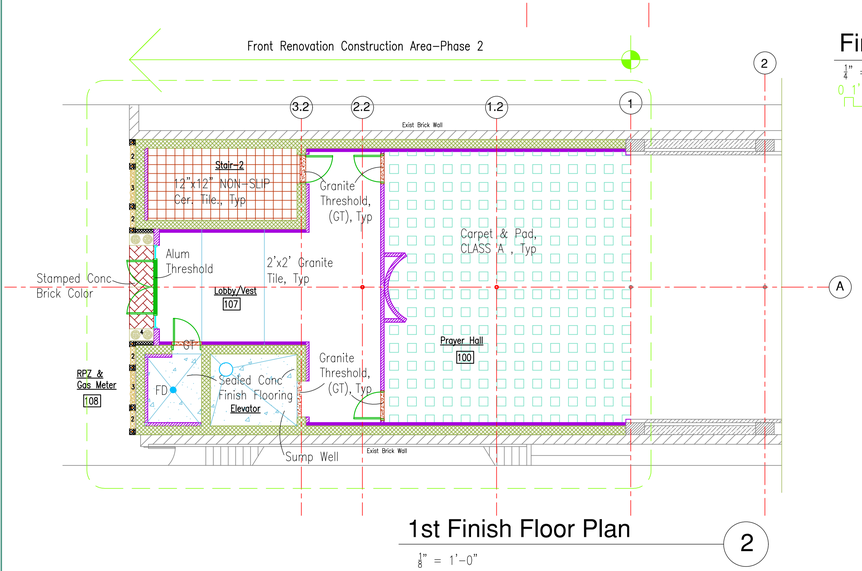
A-1.9



First Floor Ceiling Plan — 1

1/4" = 1'–0"

0 1' 5' 10' 20' 50'



1st Finish Floor Plan — 2

1/8" = 1'–0"

NOTE:

1. All Finishes including Carpet & Pad shall be CLASS A.
2. Prime & Paint all Gypbrd surfaces.
3. Prime & Paint/Stain/Poly all Interior Wood Door Frames & Doors.
4. Provide 12" high C.T. Base at all areas where Ceramic Tile Flooring has been provided.
5. Provide 24"x24"x3/8" Granite Tiles in Lobby/Vest Floor w/ 1/8" Grout Joints.
6. Conc Slab at Mech Room, uniformly Slope toward FD.
7. Provide 1/8" Grout Joints, set tiles with no Lipping.
8. Provide 4" high Rubber/Oak Base where Carpeted is provided. Stain & Poly if Oak Base is provided.

It's Highly recommended that the walls in the Lobby/Vest be finish with 12"x12"x3/8" Granite Tiles w/ 1/8" Grout Joints, Floor to Ceiling.

Project:

Salam Mosque
Front Renovation
PHASE 2

276 Central Ave.
Albany, NY 12206

Owner:

Salam Mosque

276 Central Ave.
Albany, NY 12206

Architect:

GRH
Architecture, Engineering & Construction
333 Glen Haven Road
Rochester, New York 14609
Tel/Fax: (585) 654–6000
Mobile: (585) 739–6000
Email: grh@rochester.rr.com

Consultant:

Revisions:

Rev.	Description	By	Date

Sheet Title:

First Floor
Ceiling & Finish Floor
Plans

Project Manager:	RH
Project Architect:	RH
Drawn by:	RH
Checked by:	RH
Date Issued:	6-30-21
Project No:	91017b

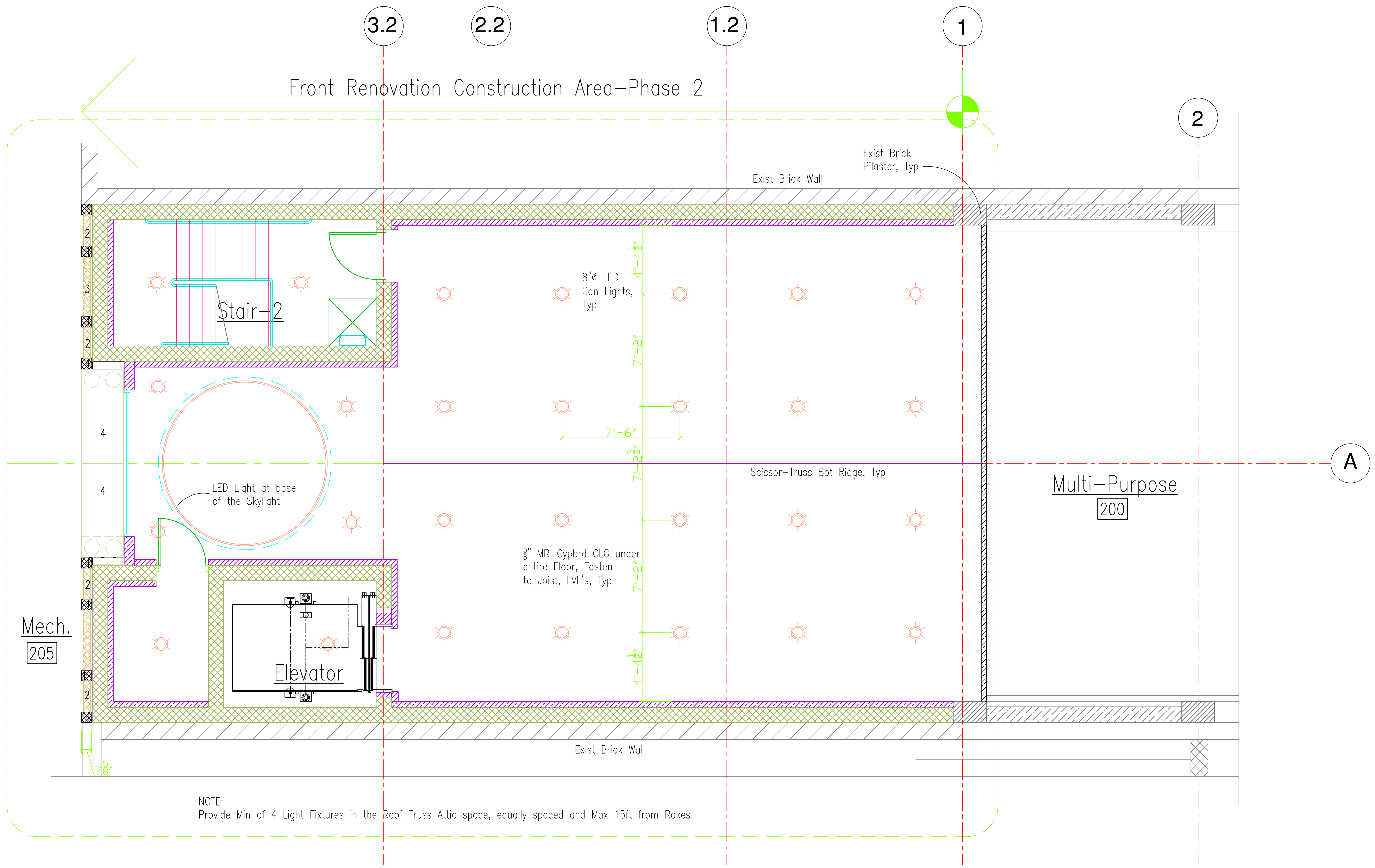
Seal:

REGISTERED ARCHITECT — DONNA ROURKE — 022200 — STATE OF NEW YORK

Scale: 1/4" = 1'-0"

Drawing No.:

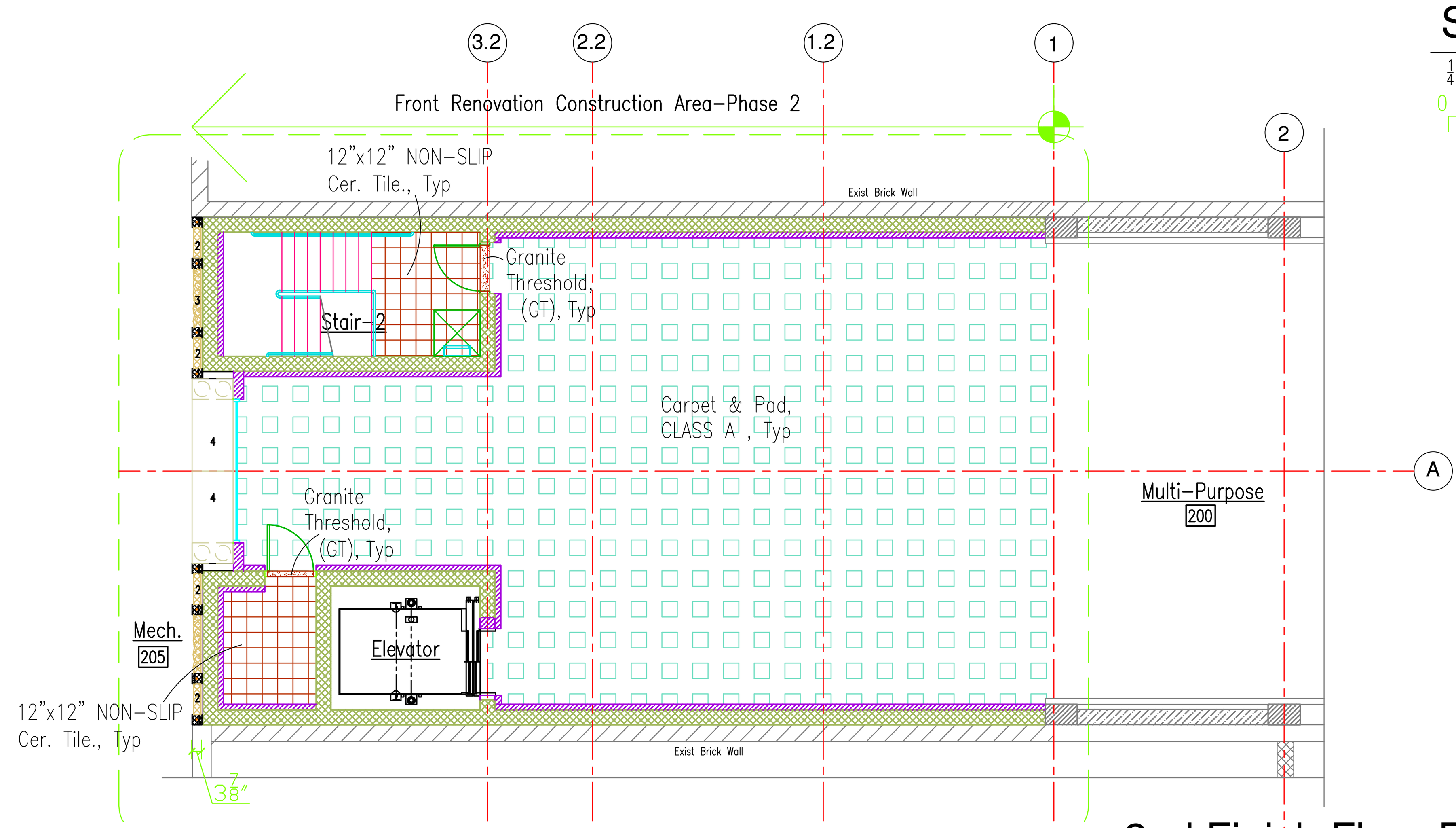
A-1.10 11 of 30



Second Floor Ceiling Plan (1)

1/4" = 1'-0"

0 1' 5' 10' 20' 50'



2nd Finish Floor Plan (2)

1/8" = 1'-0"

NOTE:

1. All Finishes including Carpet & Pad shall be CLASS A.
2. Prime & Paint all Gypbrd surfaces.
3. Prime & Paint/Stain all Door Frames & Doors.
4. Provide High–Glaze 12"x12" C.T. on all Interior face of Toilet RMs up to 7'above FFL
5. Provide 12" high C.T. Base at all areas where Ceramic Tile Flooring has been provided.
6. Set Toilet RMs floor tiles in Mud–Set, uniformly Slope toward FD.
7. Provide 1/8" Grout Joints, set tiles with no Liping.
8. Provide 4" high Rubber Base where Carpeted is provided.

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Tel/Fax: (585) 654–6000
Mobile: (585) 739–6000
Email: grh@rochester.rr.com

Consultant:

Revisions:

Rev.	Description	By	Date

Sheet Title:

Second Floor
Ceiling & Finish Floor
Plans

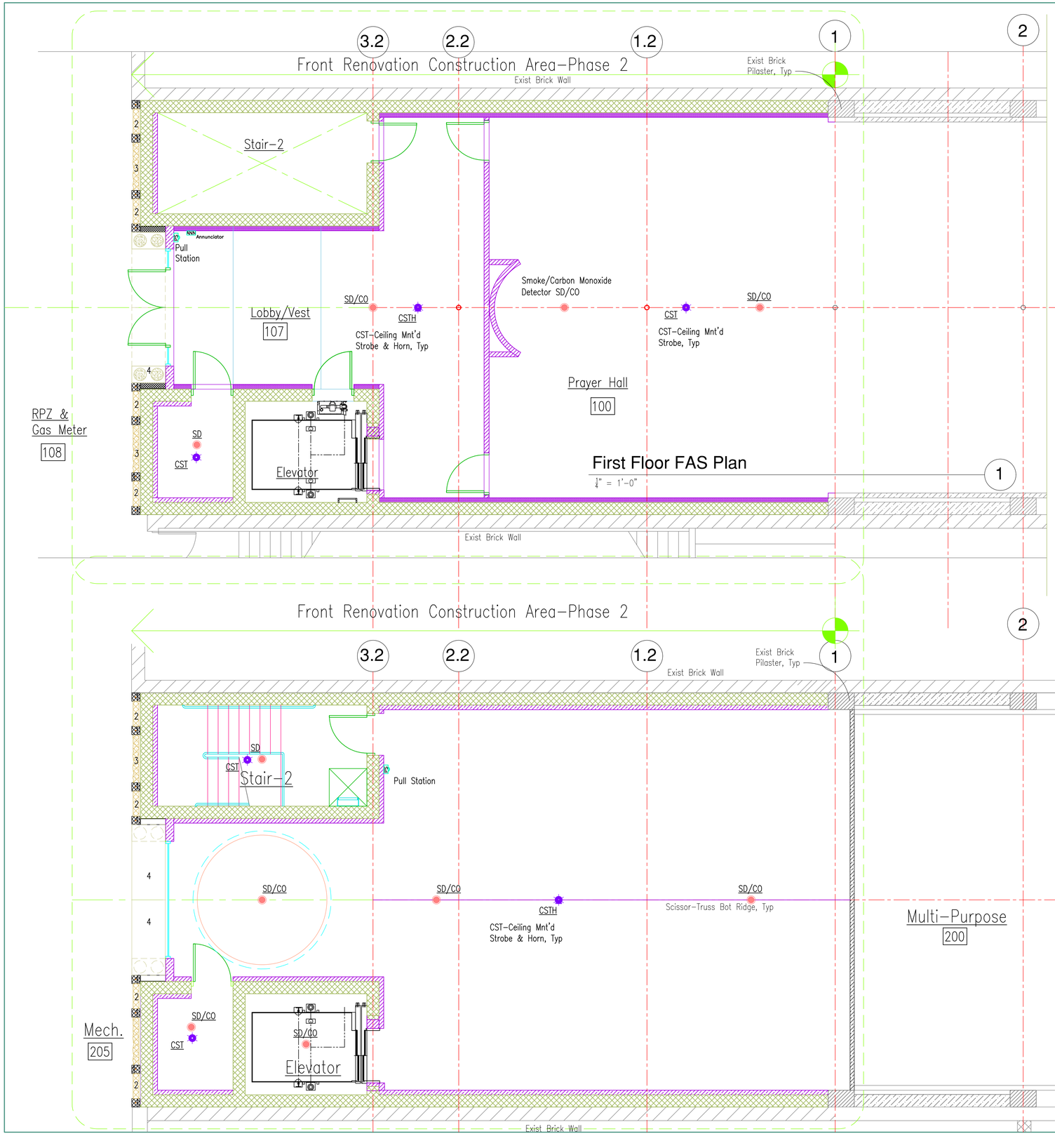
Project Manager:	RH
Project Architect:	RH
Drawn by:	RH
Checked by:	RH
Date Issued:	6-30-21
Project No:	91017b

Seal: REGISTERED ARCHITECT · STATE OF NEW YORK

Scale: 1/4" = 1'-0"

Drawing No.:

A-1.11 12 of 30

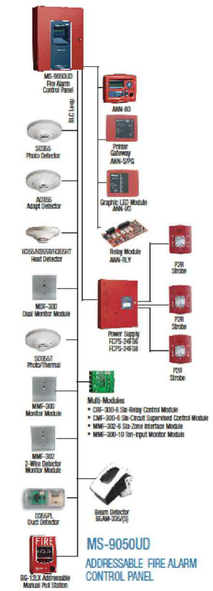


FAS NOTES:

1. All work shall comply with applicable Federal, New York State and Local Laws, Regulations and NYS Building Code 2020.
2. All work shall comply with requirements of the NFPA 72, latest Edition, NYSBC, Section 907, NYSFC Fire Code and the Fire Marshal.
3. Manual Fire Alarm System is required in Group A Occupancies where Occupant Load due to Assembly is more than 300 Person. NYSBC, 907.2.1
4. All Fire Alarm Wiring Work shall comply with NFPA 70, National Electrical Code.
5. All Fire Alarm System shall be UL listed.
3. Provide Manual Smoke/Fire Alarm System. The Automatic Smoke/CO and or Fire Detection Systems shall be connected to the Existing Building Fire Alarm System.
4. The Wall-Mounted Strobes/Horns shall be installed at Min 84" above Finish Floor.
5. The Fresh Air HVAC System, HRV Fresh Air Unit shall be shutdown when the Fire Alarm System is activated.
7. Provide Visible alarm (Strobes) as shown on the plan and as per NFPA 72 and NYSBC Section 907.
8. Provide Audible Alarm (Sound Horns) as required by NFPA 72 and NYSBC Section 907.
9. Contractor shall Verify all Field conditions & Test the entire System to ensure all parts of the System is functioning properly. Connect new Detection & Alarm & Pull Stations to the Existing FACP without damaging the existing back portion.
10. Contractor shall notify the Fire Marshall for inspection as required.
11. Provide Smoke/CO Duct Detectors in the Exhaust/Return Duct(s) Approx 6ft from the indoor Fresh Air HRV Unit.
12. The Fire Alarm System shall be connected to a Central Station and be monitored at all times.
13. Fire Alarm System shall be connected to the Sprinkler System.
14. Contractor shall ensure that the existing Fire Alarm System (FAS) functions properly & is active during the installation and connection of the new items.
15. Match existing FAS items (e.g.: SD CST, CSTH PS, etc).
16. Provide Min of 2 SD/CO detectors in the Attic space.

Fire Alarm System (FAS) Notes:

1. All Accessory Devices (SD/CO, HD, DD, Strobe, Horn, etc) shall be by the same MFR or approved by the MFR of the Main Fire Alarm Control Panel.
2. All SLC Wiring shall be Twisted-Pair to minimize the effect of electrical interferences.
3. Provide End Of the Line Resistors as required.



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Tel/Fax: (585) 654-6000
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Email: grh@rochester.rr.com

Consultant:

Revisions:

Rev.	Description	By	Date

Sheet Title:

Fire Detection & Alarm System First & Second Floor Plans

Project Manager:	RH
Project Architect:	RH
Drawn by:	RH
Checked by:	RH
Date Issued:	6-30-21
Project No:	91017b

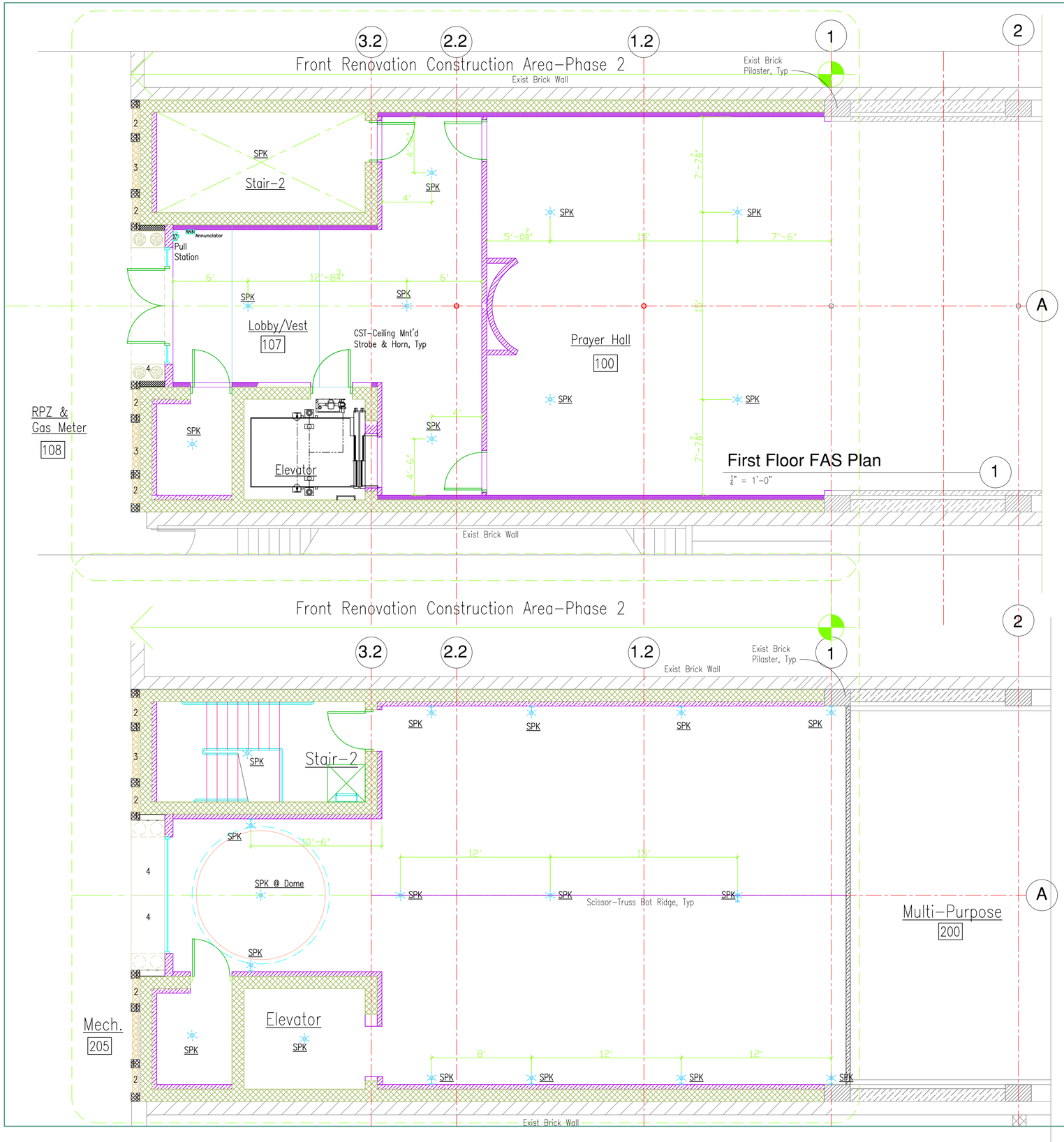
Seal:

REGISTERED ARCHITECT GHEZA HOURIANEZ 022200 STATE OF NEW YORK

Scale: 1/4" = 1'-0"

Drawing No.:

A-1.12 13 of 30



Sprinkler GENERAL NOTES

1. Contractor shall comply with all Federal, State, and Local Laws, Regulations, and Building Codes.
2. Contractor shall provide/submit to the Fire Marshal & Architect a Hand drawn or computer generated Sprinkler Layout Plan, Hydraulic Calculations, Details and RPZ (Backflow Preventor and Sprinkler system connection to the Incoming Water Supply line). Contact Architect for the ACAD format base 1st & 2nd Floor Plans.
3. All equipment products and Installations for the Sprinkler Fire Suppression System, incorporated in this project shall comply with NYSBC-2020, Chapter 9 & related, NFPA 13, NFPA 72 (National Fire Alarm Code) NFPA 70 (National Electrical Code), NFPA 25 and the MFR's Requirements & directions and Requirements of the LOCAL Fire Marshal/Code Officer.
4. The system shall be from one MFR. The system specified is based on Tyco commercial Sprinkler System.
5. The system shall be installed, Inspected, and Maintained in accordance with the MFR specifications and NFPA 13 & NFPA 25. The System shall be installed by an Authorized Installer ONLY.
6. The operating temperature for the Sprinkler system is Min 40°F.
7. Notify the Architect immediately if the existing condition(s) differ from what is shown on the drawings. DO NOT Proceed with Work till Direction is given by Architect. DO NOT CUT, modify or change Structural elements (e.g: Walls, Columns, Beams,Trusses, Floors, Decking, etc) without prior proper shoring. Notify the Architect prior to any Structural modifications.
8. The Owner is Fully responsible to Maintain the System in accordance with requirements of the applicable Codes, NFPA 25, MFR, and Fire Marshall/Code Officer.
9. Field Verify all Dimensions and Conditions. Notify The Architect if the condition differ from what is shown and noted on the drawings.
10. All equipment including Back-Flow Preventor, Valves, Pressure Gauges, Water Flow Detector, Piping & Fittings shall be UL listed and approved by AHJ.
11. All Private and or Governmental Fees and Permits related to this Project is the Contractor's responsibility.
12. The Contractor is responsible to obtain and secure the Partial Certificate Of Compliance from the government agencies having jurisdiction over the project.
13. Contractor shall notify the Building Inspector and Fire Marshall at proper intervals as required for timely inspection.
14. Patch walls Ceiling & floors as required to match existing.
15. If the Flow & Pressure is less than what is required at the furthest Sprinkler Head, then provide a Fire Pump to provide the required Flow & Pressure.
16. Provide min of 5 Spare Sprinkler head with cabinet.
17. The Sprinkler system shall be tested with 250 PSI pressure for leaks.
18. Contractor shall refer and comply with TYCO Requirements.
19. Contractor may propose a different Sprinkler System than Specified. It must meet NFPA 13 Requirements. Contractor must obtain the Fire Marshall approval before proceeding with any Work.
20. The existing & New (Phase-2) Sprinkler system shall be connected to the supply water line after the Backflow Preventor.
21. Coordinate with GC regarding the Down-Time (shutting down the existing SPK Sys. The Existing Building can not be used by people when the SPK System is not fully activated.

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Consultant:

Revisions:

Rev.	Description	By	Date

Sheet Title:

First & Second
Floor
Sprinkler Plans

Project Manager:	RH
Project Architect:	RH
Drawn by:	RH
Checked by:	RH
Date Issued:	6-30-21
Project No:	91017b

Seal:

REGISTERED ARCHITECT
GORGIA HOURMOUZIADIS
STATE OF NEW YORK
022200

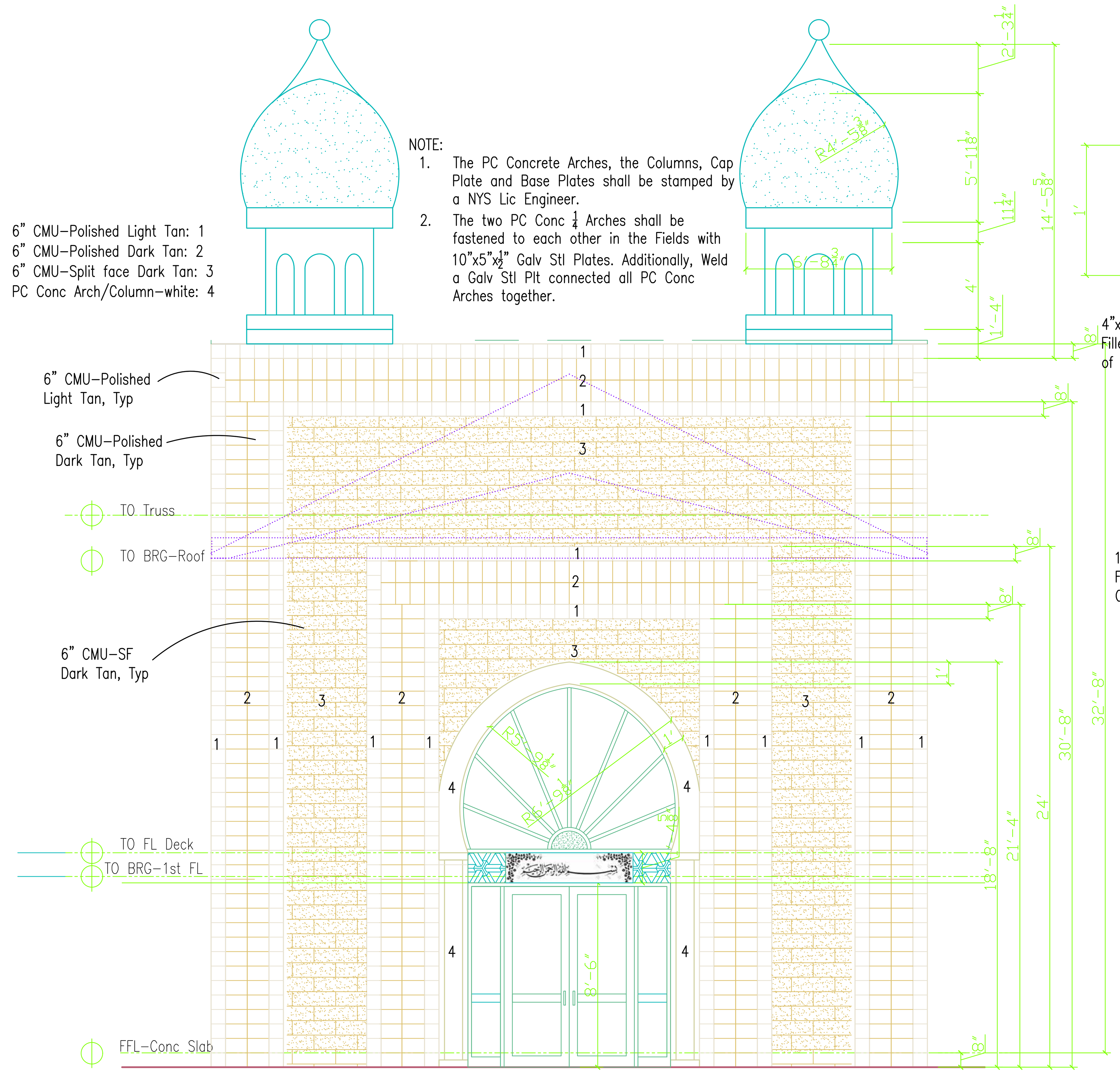
Scale: 1/4" = 1'-0"

Drawing No.:

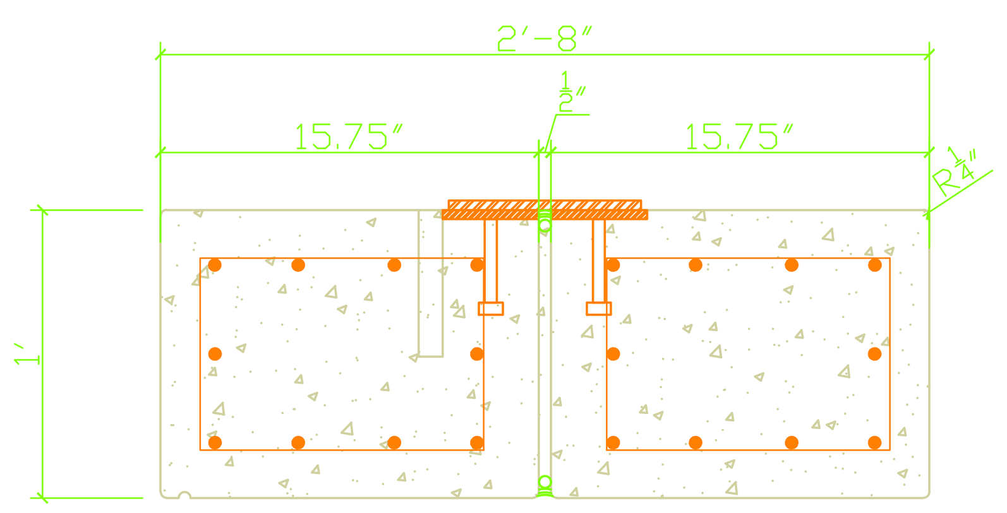
A-1.13 14 of 30

GENERAL STRUCTURAL NOTES:

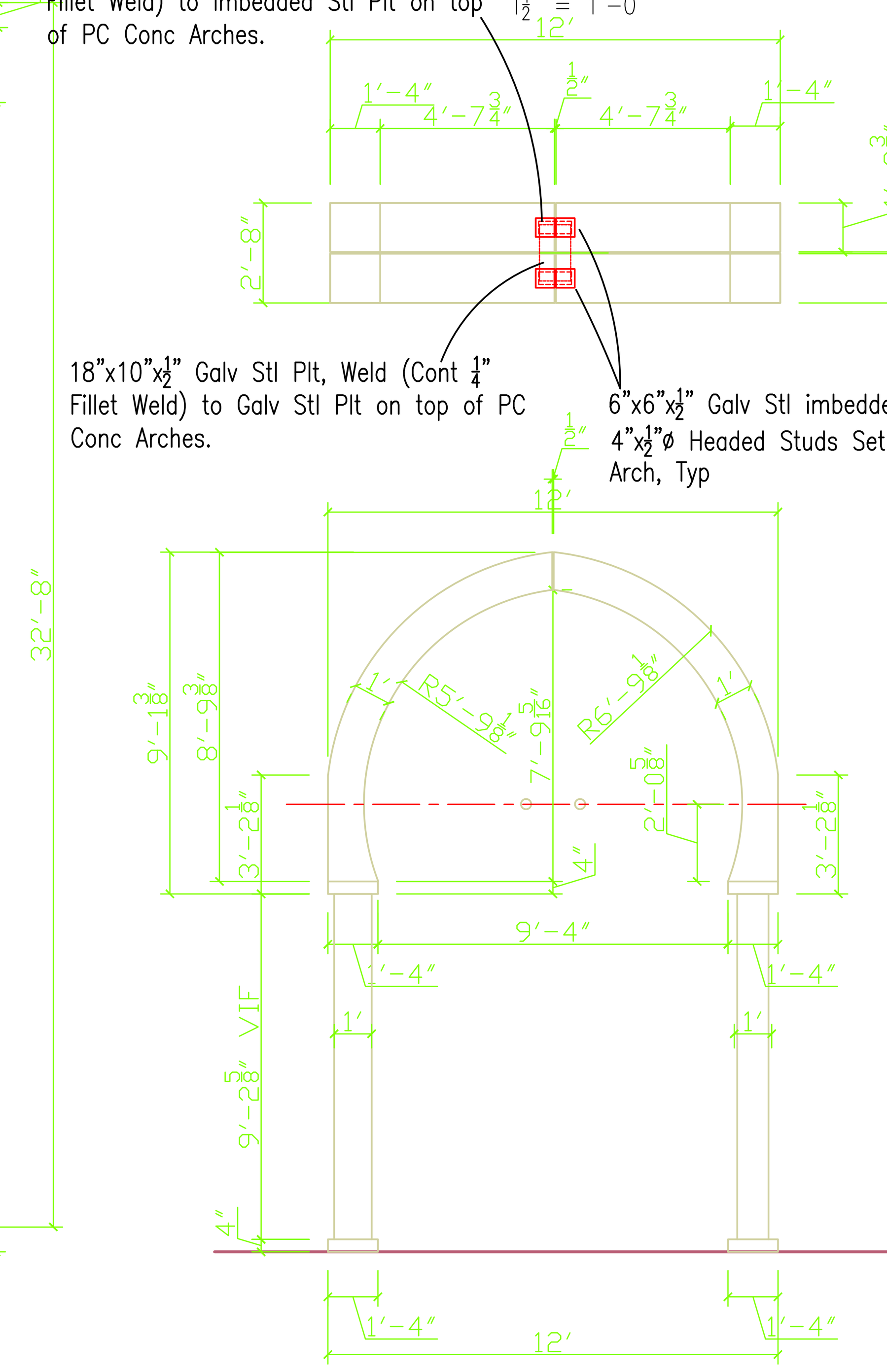
G1. ALL STRUCTURAL WORK SHALL COMPLY WITH ALL APPLICABLE FEDERAL, NEW YORK STATE BUILDING CODE 2020 AND LOCAL CODES LAWS & REGULATIONS.
G2. CONTRACTOR SHALL BE RESPONSIBLE FOR CHECKING AND COORDINATING ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS. IN CASE OF CONFLICT, THE ARCHITECT SHALL BE NOTIFIED AND SHALL RESOLVE THE CONFLICT.
G3. IN ANY CASE OF CONFLICT BETWEEN THE DRAWINGS AND THE PROJECT SPECIFICATIONS, THE MORE STRINGENT REQUIREMENTS SHALL GOVERN.
G4. THE CONTRACTOR SHALL MAKE NO DEVIATION FROM DESIGN DRAWINGS WITHOUT PRIOR REVIEW BY THE ARCHITECT.
G5. WORK NOT INDICATED ON A PART OF THE DRAWINGS BUT REASONABLY IMPLIED TO BE SIMILAR TO THAT SHOWN AT CORRESPONDING PLACES SHALL BE REPEATED.
G6. ALL WORK SHALL COMPLY WITH APPLICABLE CODES AND LOCAL LAWS AND REGULATIONS.
G7. GENERAL CONTRACTOR SHALL COORDINATE LOCATIONS OF OPENINGS, PITS, BOXES, SUMPS, TRENCHES, SLEEVES, DEPRESSIONS, GROOVES, AND CHAMFERS, WITH MECHANICAL, ELECTRICAL AND PLUMBING TRADES.
G8. THE STRUCTURAL DESIGN IS BASED ON THE FULL INTERACTION OF ALL ITS COMPONENT PARTS. NO PROVISIONS HAVE BEEN MADE FOR CONDITIONS OCCURRING DURING CONSTRUCTION. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO MAKE PROPER AND ADEQUATE PROVISIONS FOR STABILITY OF, AND ALL STRESSES TO, THE STRUCTURE DUE TO ANY CAUSE DURING CONSTRUCTION.
G9. CONTRACTOR SHALL NOT SCALE DRAWINGS. CONTRACTOR SHALL REQUEST ALL DIMENSIONS OR INFORMATION REQUIRED TO PERFORM THE WORK FROM THE ARCHITECT. WORK COMPLETED BY THE CONTRACTOR WITHOUT DIMENSIONS OR INFORMATION SHALL BE DONE AT THE CONTRACTOR S OWN RISK AND SHALL BE REMOVED AND REINSTALLED TO THE SPECIFICATIONS OF THE ARCHITECT AT NO ADDITIONAL COST TO THE OWNER.
G10. MEANS AND METHODS OF CONSTRUCTION AS WELL AS COMPLIANCE WITH OSHA AND OTHER SAFETY LAWS AND REGULATIONS IS EXCLUSIVE RESPONSIBILITY OF THE CONTRACTOR, HIS SUBCONTRACTOR(S), SUPPLIERS,CONSULTANTS AND SERVANTS.



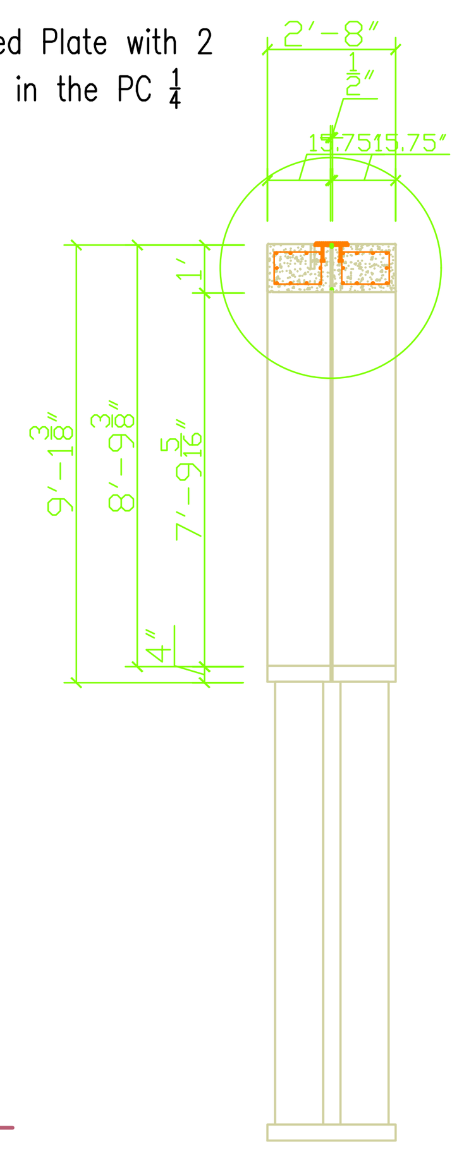
Front Elevation 1
¼" = 1'–0"



PC Conc Arch Section 4
1½" = 1'–0"



PC Conc Arch Front Elevation 2
¼" = 1'–0"



PC Conc Arch Section 3
¼" = 1'–0"

FOUNDATIONS AND BACKFILL:

F1. ALL FOUNDATIONS SHALL BEAR ON UNDISTURBED MATERIAL. THE ARCHITECT SHALL BE NOTIFIED A MINIMUM OF 72 HOURS IN ADVANCE OF FOOTING CONCRETE PLACEMENT.
F2. NO FOOTINGS SHALL BE PLACED IN WATER, NOR UPON FROZEN GROUND.
F3. MATERIAL ADJACENT TO AND BELOW FOOTINGS SHALL BE KEPT FROM FREEZING AT ALL TIMES. IF ANY MATERIAL IS FOUND TO BE FROZEN IT SHALL BE REMOVED AND REPLACED WITH CONCRETE. IF ANY FROZEN MATERIAL IS FOUND BELOW THE SLAB-ON-GRADE, IT SHALL BE REMOVED AND REPLACED WITH ENGINEERED STRUCTURAL FILL.
F4. HAND EXCAVATE THE FINAL 6 INCHES OF MATERIAL TO THE BEARING LEVEL AT ALL FOOTINGS.
F5. ALL FOOTINGS AND PIERS SHALL BE CENTERED UNDER PROPOSED COLUMNS/POSTS UNLESS OTHERWISE NOTED.
F6. ALL EXTERIOR FOUNDATIONS SHALL BE SET AT OR BELOW THE FROST DEPTH (MIN 48" BELOW GARDE).
F7. VERTICAL MISALIGNMENT OF ANCHOR BOLTS SHALL BE HELD TO 1:40 OR LESS.

STRUCTURAL STEEL:

S1. STRUCTURAL STEEL DESIGN, MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE REQUIREMENTS OF THE LATEST EDITION OF THE AISC SPECIFICATIONS FOR THE DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL BUILDINGS.
S2. STRUCTURAL STEEL SHALL BE NEW STRUCTURAL CARBON STEEL CONFORMING TO:

W-SHAPE:	ASTM A992 GRADE 50
STRUCTURAL TUBING:	ASTM A500 GRADE B
ANGLES	ASTM A36
PLATES	ASTM A529 GRADE 50

S3. ALL BEAM-TO-BEAM, BEAM-TO-GIRDER, AND BEAM OR GIRDER-TO-COLUMN CONNECTIONS SHALL BE PER AISC SPECIFICATIONS.
S4. WELDING SHALL CONFORM TO AWS D1.1, SHALL BE DONE BY CERTIFIED WELDERS AND SHALL BE UNDERTAKEN BY A FABRICATOR QUALIFIED BY THE AWS.
S5. UNLESS OTHERWISE NOTED ALL BOLTED CONNECTIONS SHALL BE SLIP-CRITICAL WITH SERVICEABILITY AS THE LIMIT-STATE. CLASS A FAYING SURFACES SHALL BE USED AT ALL CONNECTION INTERFACES. ALL BOLTS SHALL BE 3/4 INCH DIAMETER HIGH-STRENGTH TENSION CONTROL BOLTS CONFORMING TO ASTM F1852 AND GALVANIZED, UNLESS OTHERWISE NOTED.
S6. ALL ANCHOR BOLTS SHALL CONFORM TO ASTM F1554 GRADE 55. ALL ANCHOR BOLTS SHALL BE 1 3/4" DIAMETER AND GALVANIZED, UNLESS OTHERWISE NOTED.
S7. ALL WELDS SHALL BE 1/4" FILLET WELDS UNLESS OTHERWISE NOTED OR THE AISC MINIMUM WELD SIZE IS GREATER. ALL WELDING ELECTRODES SHALL BE GRADE E-70.
S8. ALL STRUCTURAL STEEL EXPOSED TO WEATHER SHALL BE HOT-DIP GALVANIZED AFTER FABRICATION.
S9. ALL CUTS, HOLES, COPINGS, ETC. REQUIRED IN THE STEEL SHALL BE SHOWN ON THE SHOP DRAWINGS AND MADE IN THE SHOP. CUTS, COPINGS, OR BURNING OF HOLES, ETC. IN STRUCTURAL STEEL MEMBERS IN THE FIELD WILL NOT BE PERMITTED.
S10. TEMPORARY BRACING OF STEEL MEMBERS DURING CONSTRUCTION IS REQUIRED AND IS THE RESPONSIBILITY OF THE CONTRACTOR.
S11. VERIFICATION OF ADEQUACY OF ANCHOR BOLTS AND FOUNDATIONS TO RESIST ERECTION INDUCED FORCES IS SOLELY THE RESPONSIBILITY OF THE STEEL ERECTOR.
S12. ALL SHOP AND FIELD WELDING IS SUBJECT TO INSPECTION. COMPLETE PENETRATION WELDS IN MOMENT-RESISTING CONNECTIONS SHALL BE TESTED BY ULTRASOUND OR RADIOGRAPHY AS PART OF THE PROGRAM OF STRUCTURAL TESTS AND INSPECTIONS.

WOOD NOTES

1.) WOOD CONSTRUCTION SHALL CONFORM TO THE AMERICAN FOREST and PAPER ASSOCIATION'S (AF&PA) NATIONAL DESIGN SPECIFICATIONS, 2001 EDITION. LUMBER SHALL BE #2 HEM-FIR OR BETTER WITH Fb=850 psi, Fv=150 psi AND E=1,300,000 psi.
2.) WOOD IN CONTACT WITH MASONRY, CONCRETE OR EARTH, OR WITHIN 1'-0" OF GRADE OR EXPOSED TO THE EXTERIOR SHALL BE PRESSURE PRESERVATIVE TREATED.
3.) MICRO-LAM (LVL) LUMBER AND TRUS-JOISTS SHALL BE AS MANUFACTURED BY "TRUS-JOIST, LVL by Weyerhaeuser". BEAMS SHALL BE PROPERLY FASTENED TOGETHER WITH A MINIMUM OF (2) -ROWS OF 16d NAILS PER FOOT. INSTALL PER MANUFACTURERS RECOMMENDATIONS.
4.) FRAMING ANCHORS AND MISCELLANEOUS METAL CONNECTING DEVICES FOR WOOD FRAMING SHALL BE GALVANIZED STEEL OF AT LEAST 16 GAGE THICKNESS INSTALL IN STRICT ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. USE NAILS SUPPLIED BY OR RECOMMENDED BY THE MANUFACTURER.
5.) All wood in contact with Concrete , Masonry, openly exposed to weather shall be Pressure Treated. Provide $\frac{1}{8}$" Thick Closed Cell compressible foam under all PT Wd Plates which are on top of Concrete Slab.

STRUCTURAL DESIGN CRITERIA:

DC1. CODES: 2015 NEW YORK STATE BUILDING CODE
DC2. DESIGN LOADS:

LIVE LOADS:	
ROOF/CANOPY	20 PSF
FIRST & SECOND FLOOR	100 PSF
SNOW LOADS:	
GROUND SNOW LOAD	50 PSF
MAX SNOW DRIFT LOAD	51 PSF
WIND LOAD:	
BASIC WIND SPEED	105 MPH
RISK CATEGORY	I
WIND EXPOSURE	EXPOSURE B
SEISMIC LOAD:	
SEISMIC IMPORTANCE FACTOR	1.0
SHORT PERIOD (Ss)	0.159
LONG PERIOD (S1)	0.059
SITE CLASS	D (ASSUMED)
SEISMIC DESIGN CATEGORY	B

DC3. FOUNDATION CONDITIONS ASSUMED FOR FOUNDATION DESIGN INCLUDE AN ALLOWABLE SOIL BEARING CAPACITY OF 3 KSF; MAXIMUM HEIGHT OF WATER TABLE 4-FT BELOW FINISHED GRADE; AND FROST DEPTH OF 4 FT.

CONCRETE:

C1. UNLESS OTHERWISE NOTED ALL CONCRETE SHALL BE NORMAL WEIGHT, 3/4" STONE CONCRETE WITH 4000 PSI 28 DAY COMPRESSIVE STRENGTH. ALL CONCRETE EXPOSED TO WEATHER AND CONCRETE FOR FOUNDATIONS SHALL BE AIR ENTRAINED 5% TO 7%.
C2. ALL REINFORCING SHALL BE ASTM A-615 GRADE 60. WELDED WIRE FABRIC SHALL BE ASTM A-185.
C3. ALL REINFORCEMENT SHALL BE SECURELY HELD IN PLACE FOR CONCRETE PLACEMENT. ADDITIONAL BARS OR STIRRUPS SHALL BE PROVIDED FOR SUPPORT OF ALL BARS AS REQUIRED.
C4. LAP CONTINUOUS REINFORCEMENT AS FOLLOWS, U.O.N. (ASSUMES CONCRETE COVER GREATER THAN TWO BAR DIAMETER, CENTER-TO-CENTER BAR SPACING GREATER THAN THREE BAR DIAMETERS):

4000 PSI CONCRETE:

BAR SIZE	TOP BARS*	OTHER BARS
#3	19"	15"
#4	25"	19"
#5	31"	24"
#6	37"	29"
#7	44"	34"
#8	50"	38"
#9	56"	43"

*TOP BARS ARE HORIZONTAL BARS WITH MORE THAN 12" OF CONCRETE CAST BELOW THE BARS.

C5. TERMINATE ALL CONTINUOUS BARS WITH STANDARD HOOKS.
C6. MINIMUM CONCRETE COVER FOR REINFORCING STEEL SHALL BE AS FOLLOWS:

CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH:	3"
CAST AGAINST FORMS AND EXPOSED TO EARTH OR WEATHER:	
#6 AND LARGER:	2"
#5 AND SMALLER:	1 1/2"
NOT EXPOSED TO WEATHER OR EARTH, SLABS, WALLS, AND JOISTS:	
#14 AND LARGER:	1 1/2"
#11 AND SMALLER:	1"
BEAMS AND COLUMNS:	1 1/2"

C7. CONSTRUCTION JOINTS ARE NOT PERMITTED EXCEPT AS SHOWN ON THE DRAWINGS OR AS REVIEWED BY THE ENGINEER, SLAB PLACEMENT SHALL NOT EXCEED 4000 SQ. FT. AND WALL PLACEMENT 80 FT. UNLESS APPROVED.
C8. ALL CONCRETE SLABS-ON-GRADE SHALL HAVE MINIMUM WWF 6 X 6/W2.1 X W2.1 PER 4 INCH THICKNESS U.O.N.
C9. MINIMUM 8 MIL POLYETHYLENE VAPOR BARRIER SHALL BE INSTALLED UNDER ALL CONCRETE SLABS-ON-GRADE U.O.
C10. CONTRACTOR TO LOCATE AND COORDINATE ALL INSERTS, SLOTS, SLEEVES, OPENINGS, PIPES, ETC. AS REQUIRED.
C11. CALCIUM CHLORIDE OR ADMIXTURES CONTAINING CALCIUM CHLORIDE OR WHICH INCREASE THE POTENTIAL FOR CORROSION OF EMBEDDED METAL ITEMS SHALL NOT BE USED IN ANY CONCRETE.
C12. ALUMINUM ITEMS SHALL NOT BE PLACED IN CONCRETE.
C13. PIPE OR CONDUIT EMBEDDED IN SLAB SHALL NOT EXCEED 1/3 THE SLAB THICKNESS AND SHALL BE PLACED WITHIN THE SLAB MIDDLE THIRD OF THICKNESS. MINIMUM CLEAR SPACING OF CONDUIT/PIPE IS 3 X OD. NO CONDUIT/PIPE TO BE PLACED CLOSER THAN 12" FROM COLUMN FACE.
C14. CONCRETE DESIGN IS BASED ON ULTIMATE STRENGTH DESIGN OF ACI 318-14.
C15. WELDING OF REINFORCING BARS IS NOT PERMITTED EXCEPT BY PRIOR REVIEW OF THE ENGINEER.
C16. CONTRACTOR IS RESPONSIBLE FOR PROPER AND ADEQUATE SHORING OF CONCRETE WORK.

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Consultant:

Revisions:

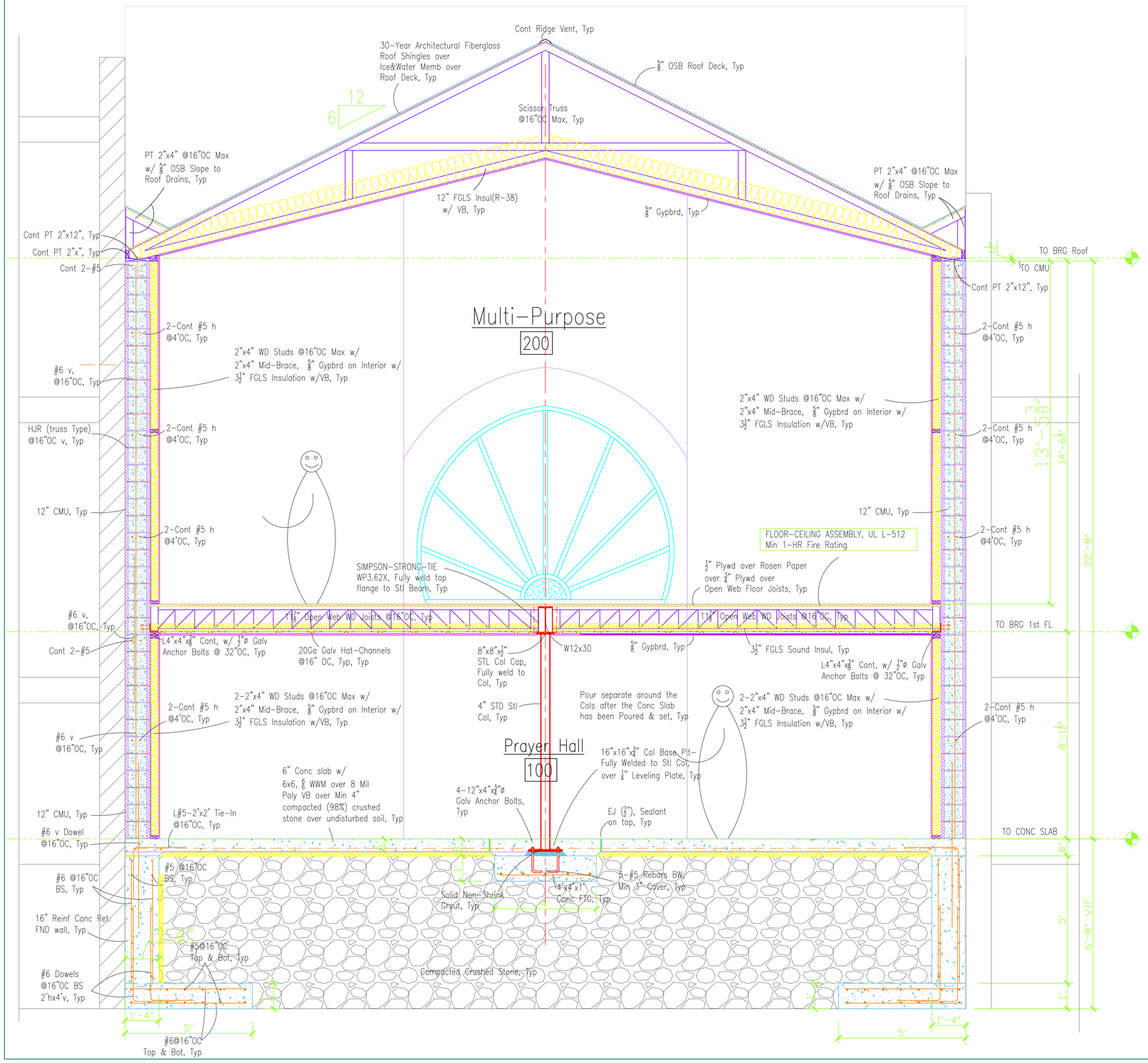
Rev.	Description	By	Date

Sheet Title:
Front Elevation

Project Manager:	RH
Project Architect:	RH
Drawn by:	RH
Checked by:	RH
Date Issued:	6-30-21
Project No:	91017b

Seal:
REGISTERED ARCHITECT G. REZA HOURMANESH 022200 STATE OF NEW YORK

Scale: ¼" = 1'-0"
Drawing No.:
A-2.0



Project:

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Albany, NY 12206

Owner:

Salam Mosque

276 Central Ave.
Albany, NY 12206

Architect:

GRH
Architecture, Engineering & Construction
333 Glen Haven Road
Rochester, New York 14609
Tel/Fax: (585) 654-6000
Mobile: (585) 739-6000
Email: grh@rochester.rr.com

Consultant:

Revisions:

Rev.	Description	By	Date

Sheet Title:

Cross Section

Project Manager:	RH
Project Architect:	RH
Drawn by:	RH
Checked by:	RH
Date Issued:	6-30-21
Project No:	91017b

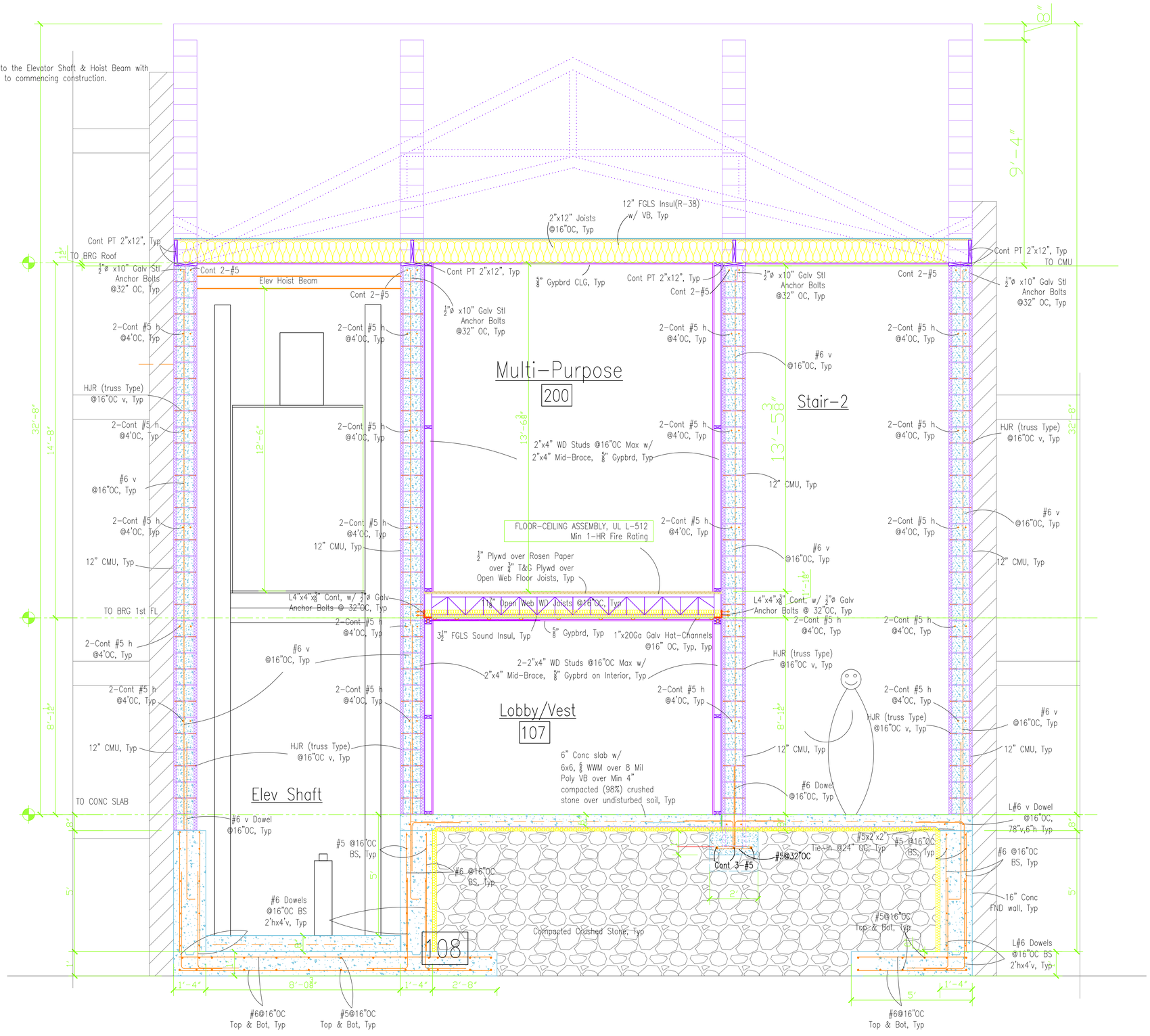
Seal:

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

Drawing No.:

A-3.0

NOTE:
Verify all dimension related to the Elevator Shaft & Hoist Beam with OTIS Elevator Company prior to commencing construction.



Project:

Salam Mosque Front Renovation PHASE 2

276 Central Ave.
Albany, NY 12206

Owner:

Salam Mosque

276 Central Ave.
Albany, NY 12206

Architect:

GRH
Architecture, Engineering & Construction
333 Glen Haven Road
Rochester, New York 14609
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Consultant:

Revisions:

Rev.	Description	By	Date

Sheet Title:

Cross Section

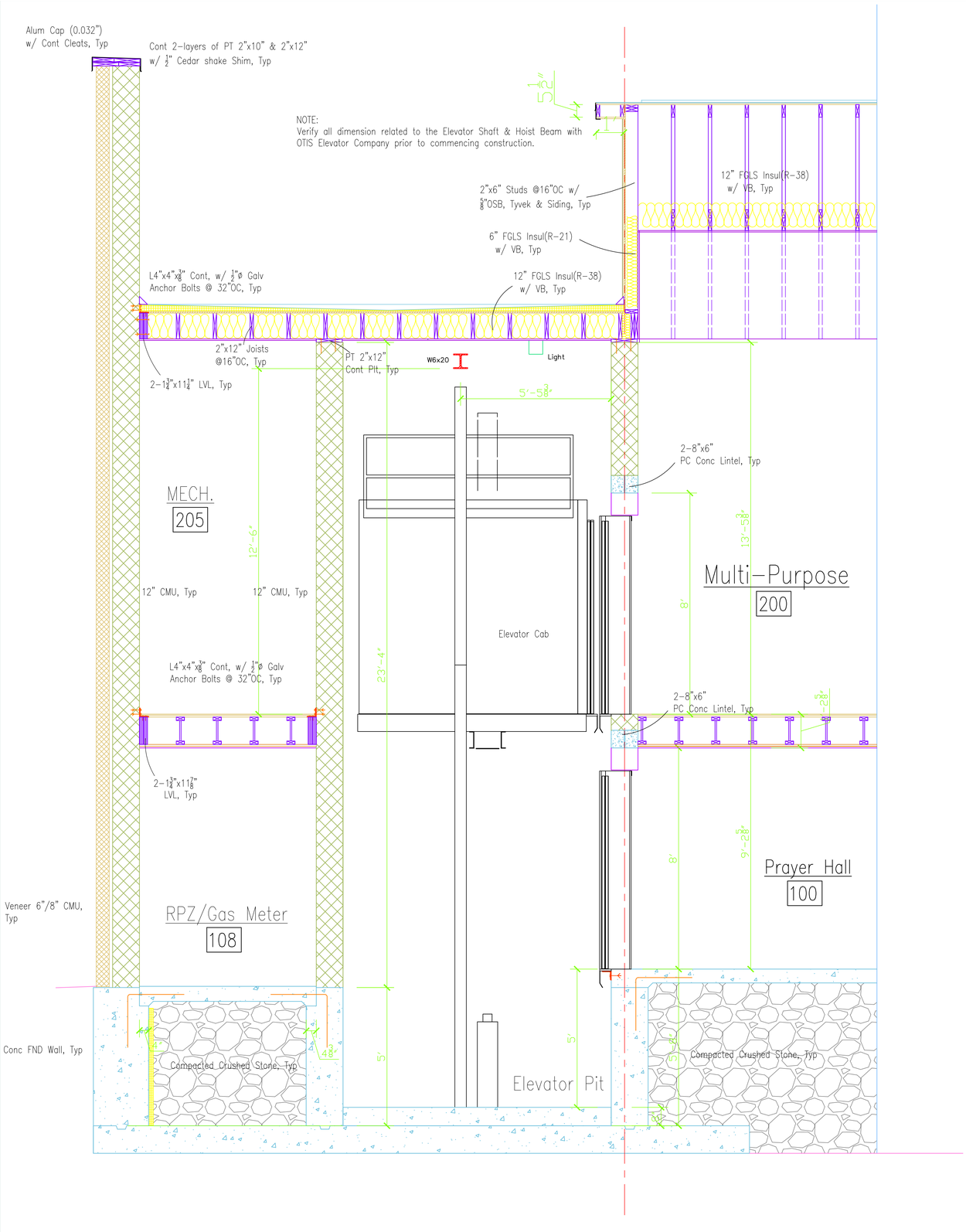
Project Manager:	RH
Project Architect:	RH
Drawn by:	RH
Checked by:	RH
Date Issued:	6-30-21
Project No:	91017b

Seal:

Scale: ½" = 1'-0"

Drawing No.:

A-3.1



Project:

Salam Mosque
Front Renovation
PHASE 2

276 Central Ave.
Albany, NY 12206

Owner:

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Architect:

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Email: grh@rochester.rr.com

Consultant:

Revisions:

Rev.	Description	By	Date

Sheet Title:

Section @ Elevator Shaft

Project Manager:	RH
Project Architect:	RH
Drawn by:	RH
Checked by:	RH
Date Issued:	6-30-21
Project No:	91017b

Seal:

REGISTERED ARCHITECT
OWEIS HOURANIEH
022220
STATE OF NEW YORK

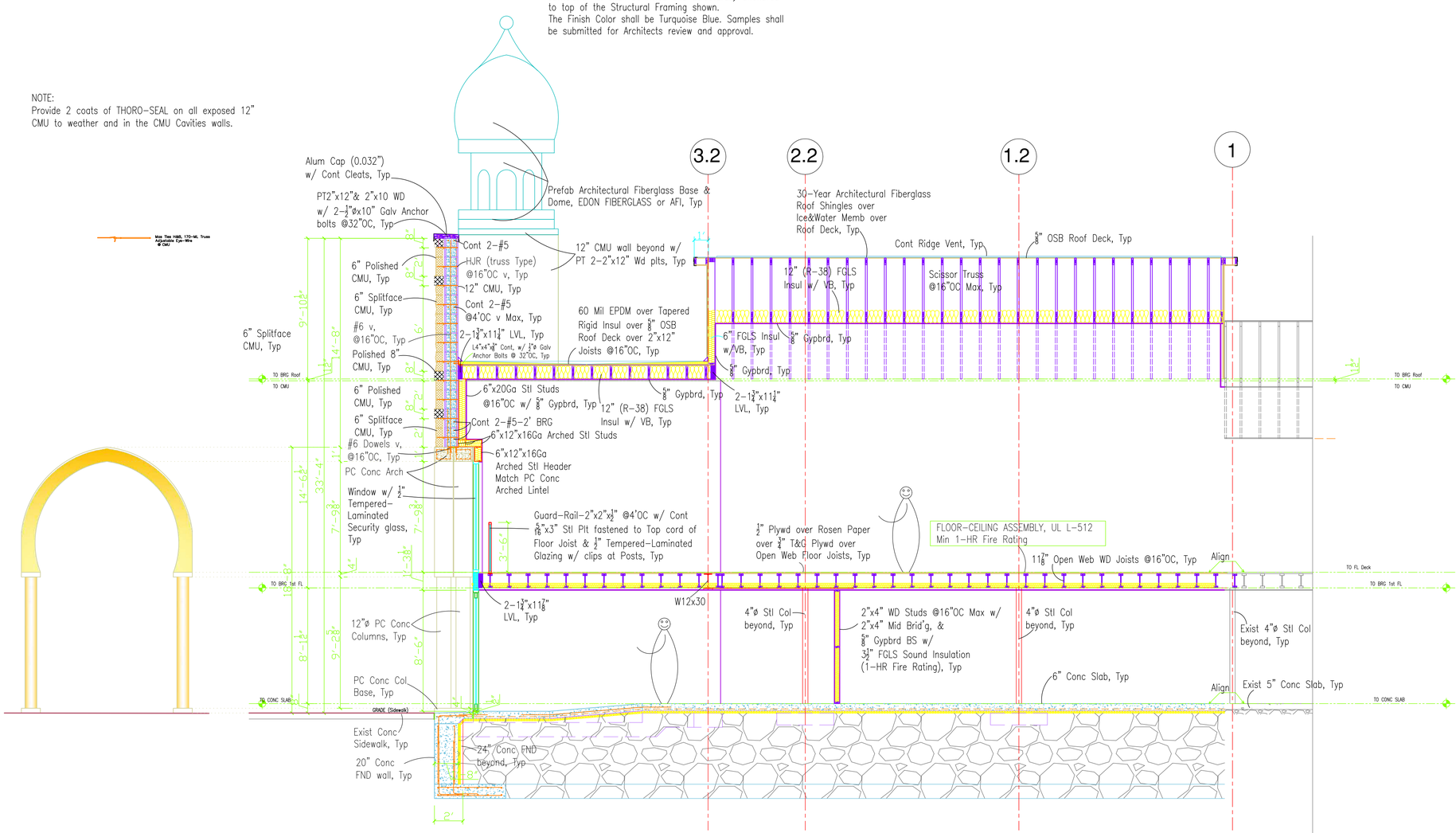
Scale: ½" = 1'-0"

Drawing No.:

A-3.2

NOTE:
Provide 2 coats of THORO-SEAL on all exposed 12" CMU to weather and in the CMU Cavities walls.

NOTE:
The Fiberglass Dome & Base shall comply with NYSBC structural Requirements. It shall be structurally self sufficient. It shall be fitted and Structurally anchored to top of the Structural Framing shown.
The Finish Color shall be Turquoise Blue. Samples shall be submitted for Architects review and approval.



Project:

Salam Mosque Front Renovation PHASE 2

276 Central Ave.
Albany, NY 12206

Owner:

Salam Mosque

276 Central Ave.
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Architect:

GRH
Architecture, Engineering & Construction
333 Glen Haven Road
Rochester, New York 14609
Tel/Fax: (585) 654-6000
Mobile: (585) 739-6000
Email: grh@rochester.rr.com

Consultant:

Revisions:

Rev.	Description	By	Date

Sheet Title:

Longitudinal Section

Project Manager:	RH
Project Architect:	RH
Drawn by:	RH
Checked by:	RH
Date Issued:	6-30-21
Project No:	91017b

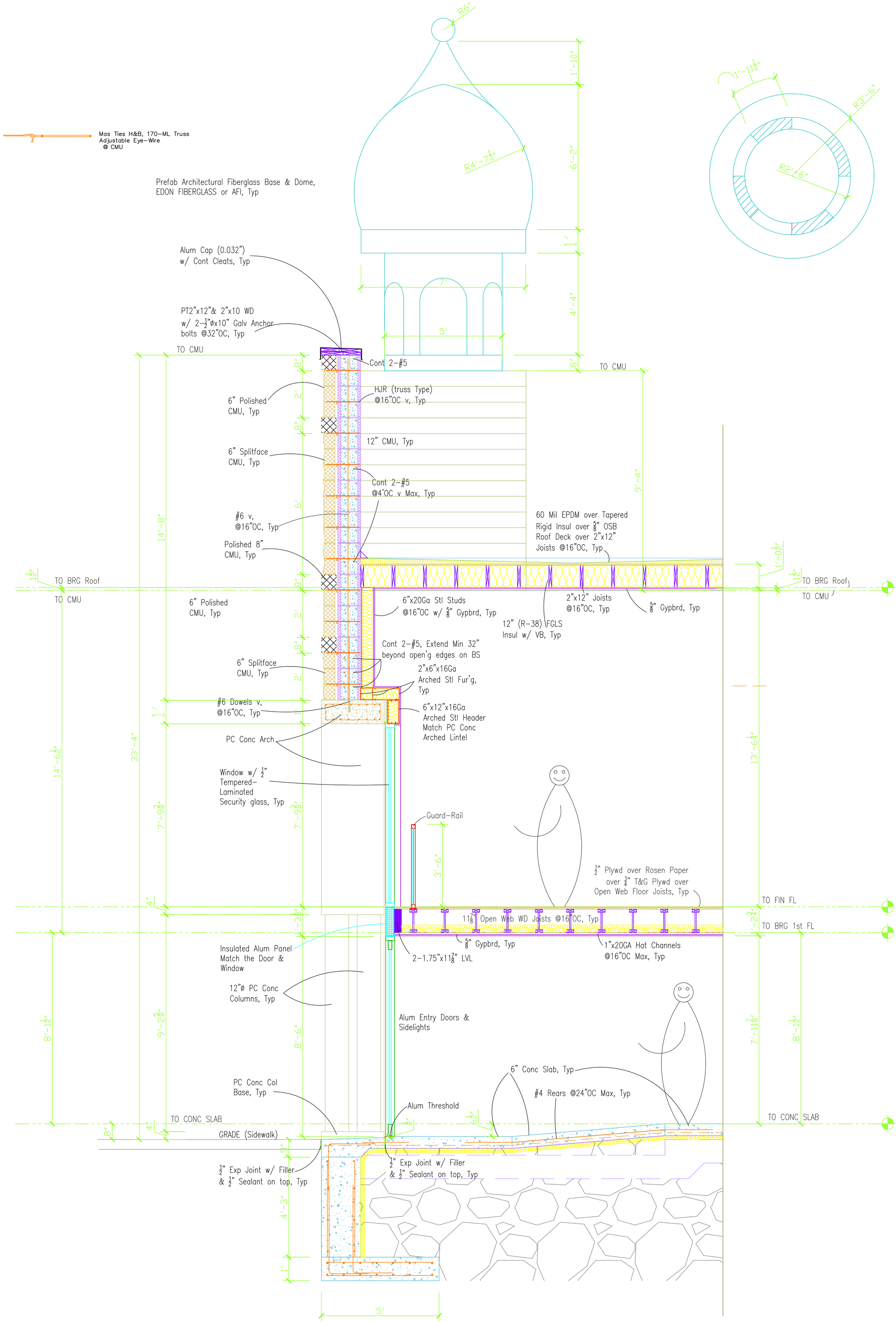
Seal:

REGISTERED ARCHITECT GEORGIA HOURMOUZIADIS 022200 STATE OF NEW YORK

Scale: 1/4" = 1'-0"

Drawing No.:

A-3.3



Project:

Salam Mosque
Front Renovation
PHASE 2

Owner:

276 Central Ave.
Albany, NY 12206

Salam Mosque

276 Central Ave.
Albany, NY 12206

Architect:

GRH
Architecture, Engineering & Construction

333 Glen Haven Road
Rochester, New York 14609
Tel/Fax: (585) 654–6000
Mobile: (585) 739–6000
Email: grh@rochester.rr.com

Consultant:

Revisions:

Rev.	Description	By	Date

Sheet Title:

Front Wall
Section

Project Manager: RH
Project Architect: RH
Drawn by: RH
Checked by: RH
Date Issued: 6-30-21
Project No: 91017b
Scale: ½" = 1'-0"
Drawing No.:

Seal:

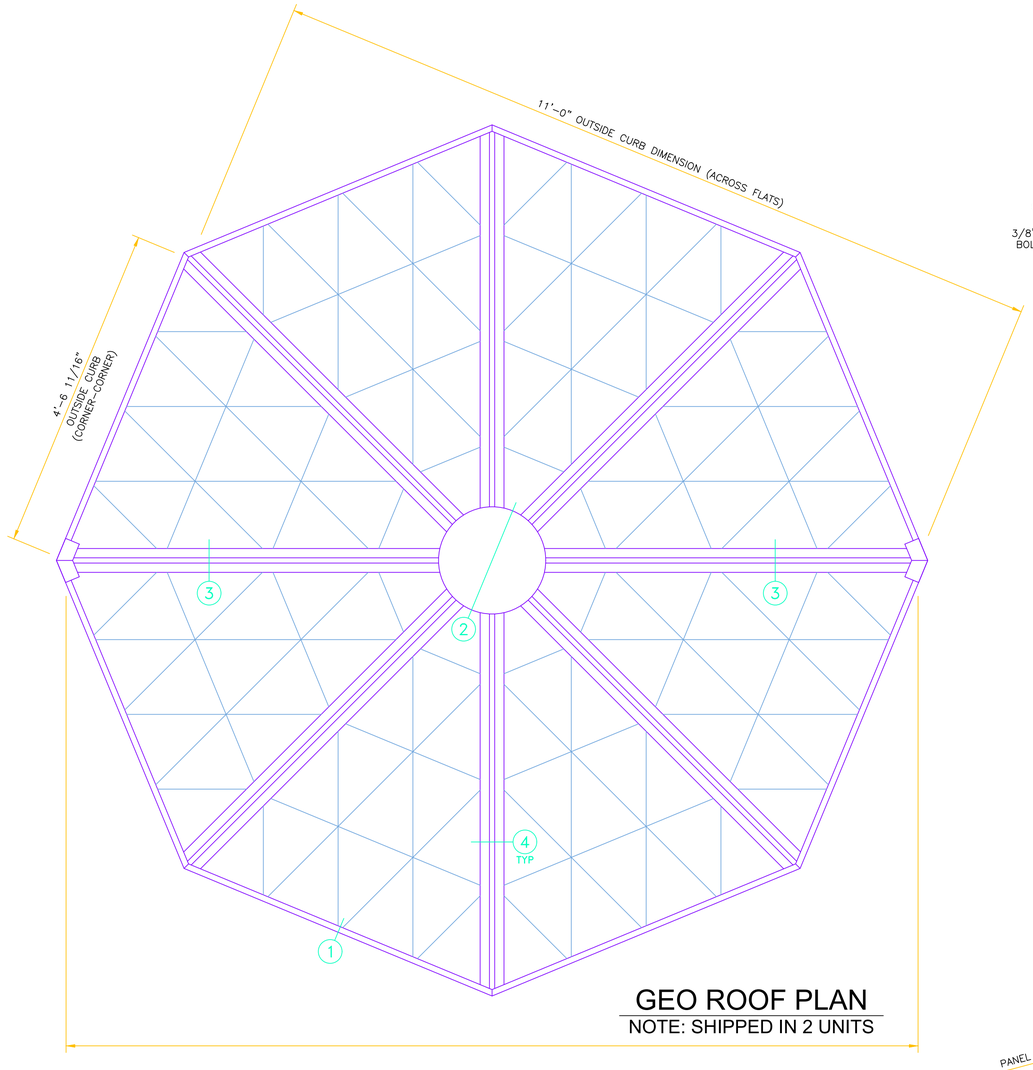
REGISTERED ARCHITECT
REZA HOURMANESH
922200
STATE OF NEW YORK

A-3.4

KALWALL®

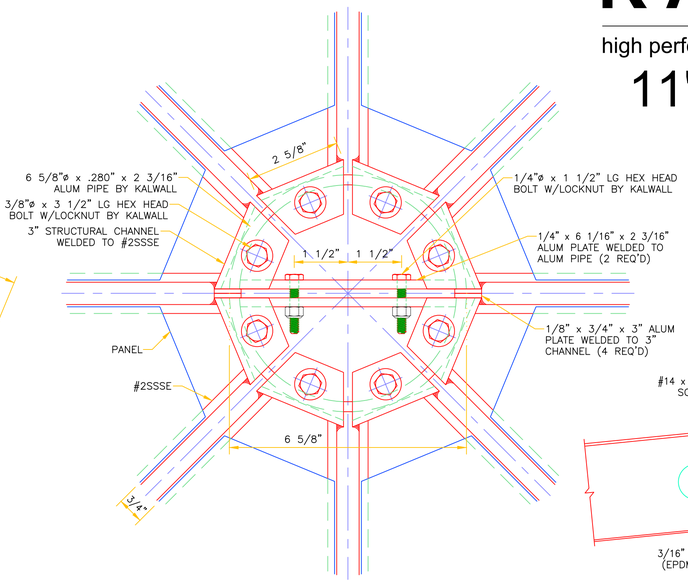
high performance translucent building systems

11'-0" GEO ROOF

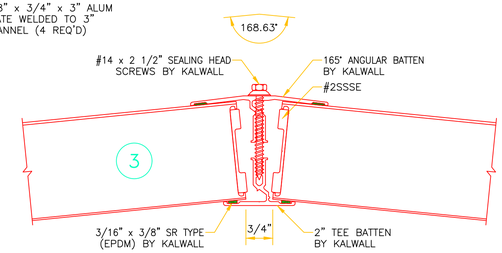


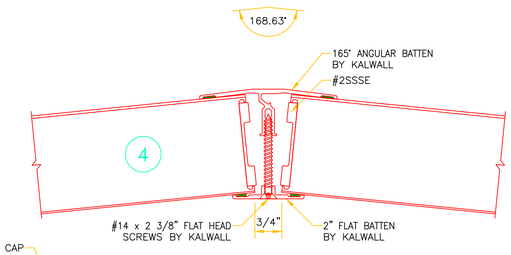
GEO ROOF PLAN

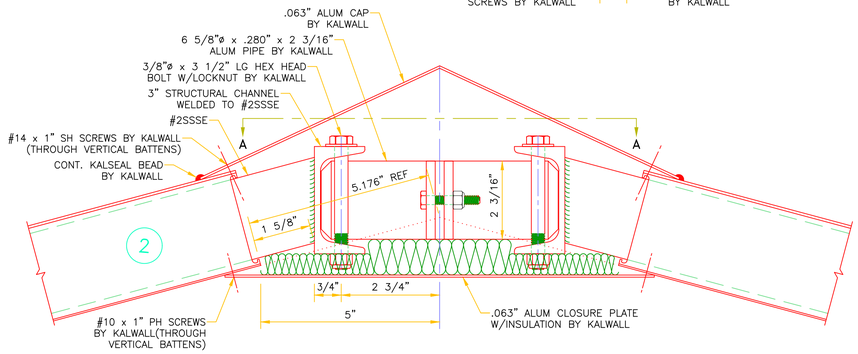
NOTE: SHIPPED IN 2 UNITS

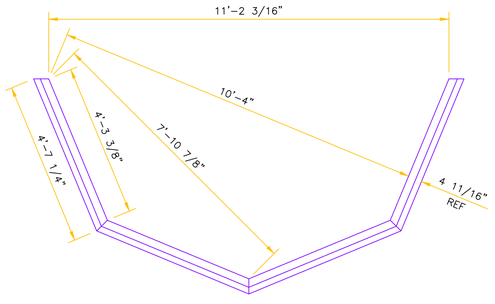


AA COMPRESSION RING PLAN VIEW

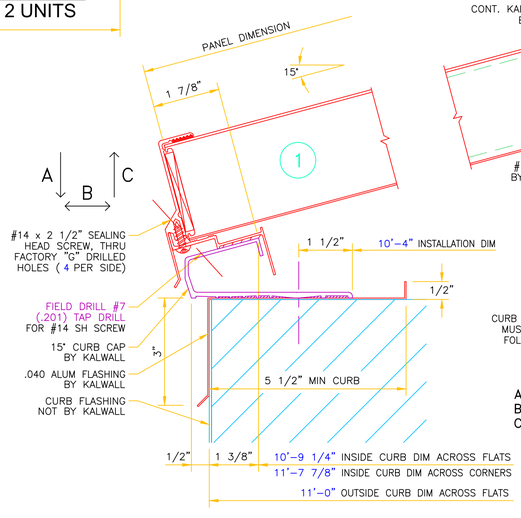








INSTALLATION DIMENSIONS FOR CURB CAP
LAYOUT OF HALF THE GEO ROOF



FORCES NOTE

CURB CONSTRUCTION, NOT BY KALWALL, MUST BE DESIGNED TO RESIST THE FOLLOWING FORCES PRODUCED BY
A PSF LIVE LOAD
A PSF WIND LOAD
A PSF SNOW LOAD

A: _____ LBS/SIDE
B: _____ LBS/SIDE
C: _____ LBS/SIDE

SUGGESTED FASTENING OF CURB CAP TO CURB		
CURB TYPE	FASTENER *	SPACING
WOOD	#14 R.H. S.S. – 4" LG.	8" O.C.
STEEL	#14 R.H. S.S. – 1" LG.	24" O.C.
CONCRETE	1/4" x 3 1/4" POWER STUD CAT #7404	16" O.C.

*NOT SUPPLIED BY KALWALL UNLESS INSTALLED BY KALWALL

NOTE:
INSTALLER TO SET ENTIRE PERIMETER EDGE IN A CONTINUOUS BED OF CAULKING, AND ISOLATE ALUMINUM FROM DISSIMILAR MATERIALS TO PREVENT ELECTROLYSIS.

Project:

Salam Mosque
Front Renovation
PHASE 2

276 Central Ave.
Albany, NY 12206

Owner:

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Architect:

GRH
Architecture, Engineering & Construction
333 Glen Haven Road
Rochester, New York 14609
Tel/Fax: (585) 654-6000
Mobile: (585) 739-6000
Email: grh@rochester.rr.com

Consultant:

Revisions:

Rev.	Description	By	Date

Sheet Title:

Skylight Plan,
Sections & Details

Project Manager:	RH
Project Architect:	RH
Drawn by:	RH
Checked by:	RH
Date Issued:	6-30-21
Project No:	91017b

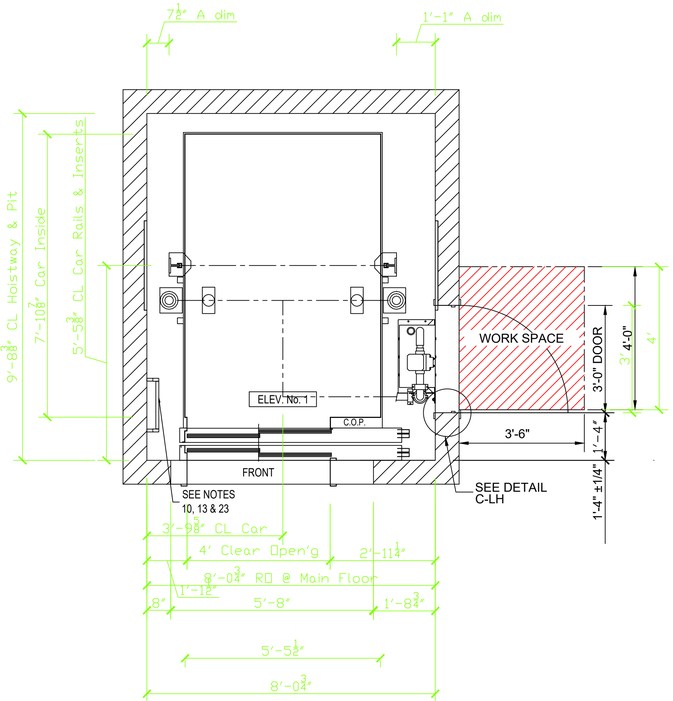
Seal:

REGISTERED ARCHITECT GRH RICHARD HOURIHANE 022206 STATE OF NEW YORK

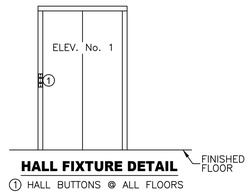
Scale: 1/2" = 1'-0"

Drawing No.:

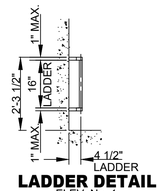
A-4.0



PLAN VIEW



HALL FIXTURE DETAIL
① HALL BUTTONS @ ALL FLOORS



LADDER DETAIL
ELEV. No. 1

ELEV. No.	DUTY	SPEED	SERVICE TYPE
1	4500#	100 F.P.M.	HOSPITAL

APPROVAL
THIS ARRANGEMENT AND SUPPLEMENTARY NOTES APPROVED

SIGNED: _____ DATE: _____

OTIS

HydroFit 4510
MODEL HydroFit HOSPITAL
SEISMIC 0/1

DWG. NO.:	PLAN VIEW
BUILDING	Salam Mosque Drawing
LOCATION	Albany New York
CONT. WITH	
OWNER	
ARCHT.	GRH
CONTRACT NO.	

NOTE – DO NOT SCALE THIS DRAWING

EXPRESS DRAW: WEB:20

Project:

Salam Mosque
Front Renovation
PHASE 2

276 Central Ave.
Albany, NY 12206

Owner:

Salam Mosque

276 Central Ave.
Albany, NY 12206

Architect:

GRH
Architecture, Engineering & Construction
333 Glen Haven Road
Rochester, New York 14609
Tel/Fax: (585) 654-6000
Mobile: (585) 739-6000
Email: grh@rochester.rr.com

Consultant:

Revisions:

Rev.	Description	By	Date

Sheet Title:

Elevator Plan
& Details

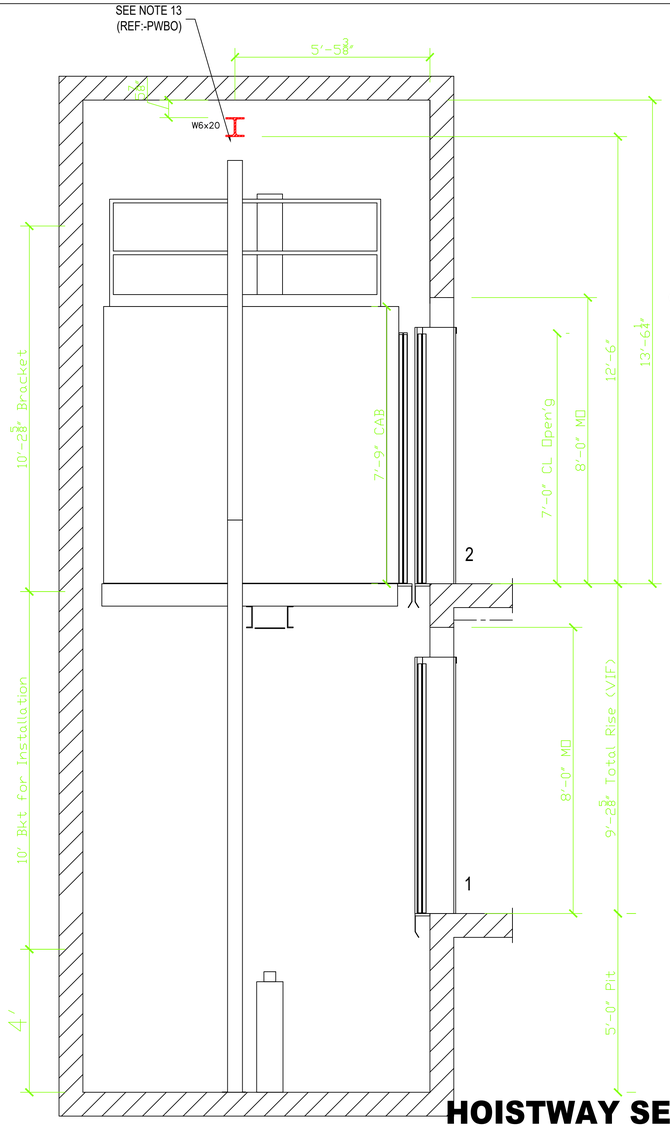
Project Manager:	RH
Project Architect:	RH
Drawn by:	RH
Checked by:	RH
Date Issued:	6-30-21
Project No:	91017b

Seal:

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

Drawing No.:

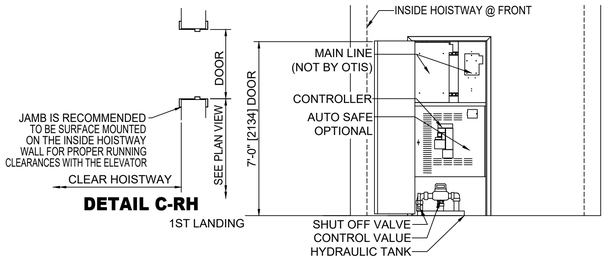
A-4.1



FRONT

HOISTWAY SECTION

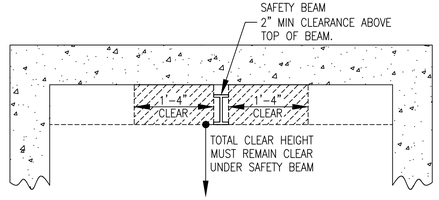
FOR MAX. SPACING BETWEEN INSERTS SEE RAIL FORCE DETAIL
ELEV. No. 1



DETAIL C-RH
CONTROLLER / MAIN LINE / TANK IN PIT @ BOTTOM LANDING REQUIREMENTS

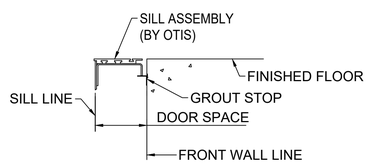
NOTE 18A
DOOR MUST BE LOCATED ON AN INTERIOR WALL OF THE BUILDING, IT CANNOT BE OPENED TO THE OUTSIDE OF A BUILDING.

NOTE 18B
CONTACT OTIS REPRESENTATIVE FOR MRL ACCESS DOOR LOCATION GUIDELINE DRAWINGS.



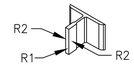
OVERHEAD BEAM CLEARANCE

SEE NOTE 13 ON PWBO SHEET



DETAIL "A"
SILL SUPPORT

ADEQUATE SUPPORT AT ALL FASTENING POINTS OF ENTRANCE ASSEMBLY REQUIRED. MUST WITHSTAND A HORIZONTAL PULL-OUT FORCE OF 140 LBS. @ EA. FASTENING POINT (8 @ EA. ENTRANCE) INCLUDING SUPPORT FOR CENTER SILL SUPPORT BRACKET (NOT BY OTIS).



RAIL FORCE DETAIL

*THIS FORCE INCLUDES IMPACT
SEE NOTES FORCE IN (7 & 8)

ELEV. NO.	APPLICATION		
1		R1	303 lbs
		R2	240 lbs
*EACH BUFFER IMPACT LOAD		1	4141 lbs
*EACH CYLINDER IMPACT LOAD		1	1000 lbs
CAR MAXIMUM BRACKET SPACING			14'-0"

FIRST INTERMEDIATE RAIL SUPPORT LOCATION TO BE LOCATED 14' 0" FROM PIT FLOOR. ALL OTHER INTERMEDIATE SUPPORTS CANNOT EXCEED THE MAXIMUM BRACKET SPACING IN THE RAIL FORCE & BRACKET SPACING DETAIL

ELEV. No.	DUTY	SPEED	SERVICE TYPE
1	4500#	100 F.P.M.	HOSPITAL

APPROVAL
THIS ARRANGEMENT AND SUPPLEMENTARY NOTES APPROVED

SIGNED: _____ DATE: _____

OTIS

HydroFit 4510
MODEL HydroFit HOSPITAL
SEISMIC 0/1

DWG. NO.:	ELEVATION 1
BUILDING	Salam Mosque Drawing
LOCATION	Albany New York
CONT. WITH	
OWNER	
ARCHT.	GRH
CONTRACT NO.	

NOTE – DO NOT SCALE THIS DRAWING

EXPRESS DRAW: WEB.20

Project:

Salam Mosque
Front Renovation
PHASE 2

276 Central Ave.
Albany, NY 12206

Owner:

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Architect:

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Mobile: (585) 739-6000
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Consultant:

Revisions:

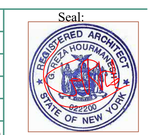
Rev.	Description	By	Date

Sheet Title:

Elevator Section & Details

Project Manager:	RH
Project Architect:	RH
Drawn by:	RH
Checked by:	RH
Date Issued:	6-30-21
Project No:	91017b

Seal:



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

Drawing No.:

A-4.2

The following items must be performed or provided at no cost to Otis Elevator Company ("OTIS") by the Owner or General Contractor or their agents in accordance with governing codes. The price and installation schedule of Otis is based on these jobsite conditions existing at the beginning and during installation of the elevator equipment. Failure to provide the items specified in this list will result in additional work performed by Otis beyond the scope of our contract causing installation delays. A change order will be submitted by Otis for materials and / or labor expended. All work to be performed per the latest revision of the applicable national code and / or local code.

General Prep / Work

1. Provide any cutouts to accommodate elevator equipment (troughing, venting, and hall fixtures) along with patching and painting of walls, floors, or partitions together with finish painting of entrance doors and frames, if required.

2. Provide tractor trailer access to the building for unloading of material and an onsite storage area for elevator equipment as follows: dry and enclosed, provides roll–able access to the elevator hoistway at the ground level, located within 100 feet (30.5 meters) of the hoistway, and is larger than 25 x 20 feet (7620 mm X 6096 mm) per elevator. Any warranties provided by Otis for elevator equipment are null and void if equipment is stored in a manner other than a dry enclosed building structure.

3. Provide sufficient onsite refuse containers for the proper disposal of elevator packaging material. Should sufficient refuse containers not be provided, disposal of packaging material shall become the responsibility of the owner.

Hoistway and Pit Prep / Work

4. Prior to the start of installation, provide a dry, properly framed, enclosed and vented hoistway in accordance with all applicable codes.

5. Provide a clear plumb hoistway with variations from the size shown on the Otis layout not to exceed –0 inch / +1 inch (25 mm).

6. Install per Machine Room / Machine Space Prep / Work and Electrical Requirements.

   Provide a rough opening for and install a 3' X 7' standard fire rated interior door on one side of the hoistway, as shown on the Otis layout. The machine Space access door must not be on an outside wall. When determining the location of the machine space door, the dimension on the Otis layout is from the inside door edge of the jamb and not the door stop edge. Please be advised that this door location is very critical. Follow door manufacturing instructions for the different types of hoistway wall material and make the appropriate adjustments so that this door will be placed in the proper location.

   The door frame must be securely mounted to the wall to sustain a cantilevered / horizontal force exerted by the electrical disconnect(s), electrical conduit, and wiring up to an approximate 325 lb. load. Install per Machine Room / Machine Space Prep / Work and Electrical Requirements. The door hand and opening is dependent on configuration, see the general contractor guide or talk to your Otis representative.

7. Furnish adequate rail bracket supports and bracket spacing as required by governing code from pit floor to top of hoistway. For steel or wood frame construction, adequate backing for a rail bracket to be installed not less than 10'–3" (3124 mm) or more than 11'–3" (3429 mm) from the top landing. Furnish separator beams where required. Rail bracket attachment supports must be exposed and flush with the clear hoistway line.

   If the floor to floor height exceeds the maximum bracket spacing allowed by the elevator code, Otis requires some form of steel support to properly attach our guide rail brackets. The maximum allowed bracket spacing is indicated in the rail force and bracket detail table on the Otis layout. Any rail bracket mounting surfaces that are not in line with the finished hoistway dimension (i.e. the clear hoistway line) may need to be extended to meet the required distance. Otis agrees to provide guidance on this matter at the appropriate time.

   If rail bracket embedded plates or inserts are provided by Otis, they shall be installed by others in accordance with Otis? documentation and instruction.

   If vertical tube steel is utilized as rail support, see the Otis layout for any specific requirements.

   When a Machine space is used, with a second floor controller / tank location, furnish adequate Tank Stand supports flush with the hoistway wall when the following hoistway construction material is used; cmu block, steel frame, or wood.

   The support can be any of the following; header beams, steel tube, inserts, or embedded plates at locations specified as per Otis layout.

   Note: When a support is provided, it should be able to withstand the force shown on Otis contract layout for seismic and non seismic condition.

   Concrete hoistways walls do not require supports for Tank stand

8. Furnish a dry pit reinforced to sustain vertical forces on car rails and impact loads on cylinder head(s) and buffer(s). The pit must be dry and clean. The elevator pit must have a floor drain or sump pump to prevent the accumulation of water. Location to be coordinated with Otis to avoid all elevator components and access areas. In areas requiring Firefighter?s Emergency Operation, a sump pump / drain shall be provided that shall have the capacity to remove a minimum of 11.4 m^3 / h (3,000 gal / h) per elevator (2.2.2.5, ASME A17.1–2007 / CSA B44–07). Otis recommends that the owner verify the system complies with all applicable laws and local codes.

9. Provide and install a fixed vertical iron ladder in each pit as required by governing code and located per Otis layouts, or as coordinated with Otis personnel. Ladder width and pit wall pocket requirements are shown in the pit plan view on the Otis layout. For entrance heights of up to 7' (2134mm) the top rung of the ladder must be even with the bottom landing. For entrance heights greater than 7' (2134mm) the top rung must be 12" (305mm) above the bottom landing. Hand grips must be provided to a height of 4' (1219mm) above the bottom landing. Hand grips must have 4–1/2" (114mm) radial clearance, from their centerline, to any obstruction in the hoistway. (Refer to the detail views for typical ladder arrangement) If pit depth is greater than 9'–10" (3000 mm) [13'–9" (4191 mm) with no floor below bottom landing], a pit access door is required.

10. A.) Protection from Falls:

    As required by the Occupational Safety and Health Administration (OSHA) 1926.502 (B) (1–3), a freestanding removable barricade at each hoistway opening at each floor. Barricades shall be 42? (1067 mm) high, with mid–rail and kick board, and withstand 200 lbs. (90.7 kg) of vertical and horizontal pressure.

    B.) Protection from Falling Objects:

    As required by the Occupational Safety and Health Administration (OSHA) 1926.502(j), hoistway protection from falling debris and other trades materials by either:

    1.) Full entrance screening / mesh in front of all elevator entrances.

    2.) Secured / controlled access to all elevator lobbies (lock and key) with posted Notice ?Only Elevator Personnel Beyond This Protection.?

    Notes:
    - Items A.) and B.) can be integrated systems.
    - Hoistway barricades and screening shall be constructed, maintained, and removed by others.

11. TOP and BOTTOM landings (and the MAIN landing where applicable), are not to be constructed until after all elevator equipment is installed in the hoistway. The entire front wall must be open for installation with the following rough opening dimensions (to be shown on layouts):
    –Rough Opening Width = CLEAR HOISTWAY WIDTH
    –Rough Opening Height = 2642mm (8'–8") for a 2134mm (7') entrance height
    2947mm (9'–8") for a 2438mm (8') entrance height
    Remaining front entrance walls are not to be constructed until after door frames and sills are in place.

    The rough openings, per sizes shown on the Otis layout, are required. Prior to the completion and turnover of the elevator(s), all entrance walls must be installed and rough openings filled in complete to maintain fire rated hoistway requirements.

12. Provide adequate support at all fastening points of each entrance. Provide plumb vertical surfaces for entrances and sill supports, one above the other, and square with the hoistway. For 4'–0" (1219 mm) and 4'–6" (1372 mm) two speed door arrangements, an additional hoistway attachment point is required for an auxiliary support bracket under the sill assembly in the center of the clear door opening. Finish floor and grout, if required, between door frames to sill line. A horizontal support is to be provided 1 foot (305 mm) above the clear opening at the top landing to support the door frame assembly. If floor heights exceed 12'–0" (3658 mm), a horizontal support is to be provided 1 foot (305 mm) above the clear opening. If transoms are required, the support would be 1 foot (305 mm) above the transom height.

13. Provide and install a steel safety beam per elevator, from side wall to side wall at the top of the hoistway, capable of withstanding a maximum live net load of 5000 lb. (2268 kg). Otis requires 2" (51 mm) clear above the beam. Total clear overhead must cover entire width and depth of the hoistway. An area consisting of the width of the hoistway by 16" depth on each side of the hoist beam must be left clear to the top of the hoistway.

14. Glass used in hoistway construction must block 98% or more of incident full spectrum ultraviolet radiation for the full height of the hoistway.

15. If an emergency door in a blind hoistway is required, provide an outward swinging single section type door with door closer and a self closing barrier per ASME A17.1–2007, section 2.11.1.2. Contact your local Otis personnel for a detailed drawing (AAA26900D_FMI), showing Otis specific requirements.

Machine Room / Machine Space Prep / Work

16. When a machine room is used, provide a suitable dry machine room with access and ventilation in accordance with all applicable codes and regulations. The machine room is to be maintained at a temperature between 60?F (15.5?C) and 100?F (38?C). When a machine space is used, the machine space will be in the hoistway behind the metal door installed per Hoistway and Pit Prep / Work above with ventilation in accordance with all applicable codes and regulations. The machine space is to be maintained at a temperature between 32?F (0?C) and 104?F (40?C). Relative humidity not to exceed 95% non–condensing. Local codes may require tighter temperature ranges. The temperature and humidity range shall be permanently posted in the machine room / machine space. Please check with your local code authority for the exact requirements in your area.

17. Machine room and Machine space doors to meet code compliant fire resistive construction. When a machine room is used, provide a self closing (local building code dependent) and self locking door with a group 2 locking device. When a machine space is used, provide a standard 3' x 7' self closing (local building code dependent) and self locking metal door with a group 2 locking device in the hoistway per Otis layout. In addition, ensure that all air gaps around the machine room / machine space door are sealed (i.e. threshold, weather stripping, etc.). Self closing mechanism cannot protrude into the machine space at any time. The machine space door knob shall have a blank plate on the hoistway side of the door.

18. When a machine space is used, Otis will provide a metal shroud and metal shroud cover to be mounted on the hoistway side of the machine space door frame per Otis layout. The metal shroud will accommodate the mounting of the main electrical feeder system, fused disconnect switch or circuit breaker for car lighting, and the convenience outlet. Conduit knockouts through the metal shroud cover will be required as needed to access the disconnect switches or circuit breakers, and convenience outlet. See Electrical Requirements.

    [Note: Consult with the Otis Representative at your location concerning the metal shroud mentioned above for machine space applications.]

19. [Refers to elevators with remote machine rooms requiring buried piping and wire way] Provide trenching and backfilling as necessary to accommodate remote machine room conditions.

NOTE – DO NOT SCALE THIS DRAWING

OTIS

HydroFit 4510
MODEL HydroFit HOSPITAL
SEISMIC 0/1

DWG. NO.: PWBO 1 OF 2

BUILDING Salam Mosque Drawing
LOCATION Albany New York
CONT. WITH
OWNER
ARCHT. GRH
CONTRACT NO.

EXPRESS DRAW: WEB:20

Project:

Salam Mosque
Front Renovation
PHASE 2

276 Central Ave.
Albany, NY 12206

Owner:

Salam Mosque

276 Central Ave.
Albany, NY 12206

Architect:

GRH
Architecture, Engineering & Construction
333 Glen Haven Road
Rochester, New York 14609
Tel/Fax: (585) 654–6000
Mobile: (585) 739–6000
Email: grh@rochester.rr.com

Consultant:

Revisions:

Rev.	Description	By	Date

Sheet Title:

ELEVATOR
Notes

Project Manager: RH
Project Architect: RH
Drawn by: RH
Checked by: RH
Date Issued: 6-30-21
Project No: 91017b

Seal:

Scale: ½" = 1'-0"

Drawing No.:

A-4.3

Fire Prevention Prep / Work

20. Provide hoistway walls designed and constructed in accordance with the required fire rating (including those places where elevator fixture boxes and rail bracket fastenings penetrate into the hoistway walls).

21. In the United States, provide smoke detectors, located as required, with wiring from the sensing devices to the controller(s) designated by Otis.

    a. For each group of elevators, provide a normally closed contact representing the smoke detector at the designated return landing.

    b. For each group of elevators, provide a normally closed contact representing all smoke detectors located in lobbies, hoistways, or machine rooms / machine space, but not the smoke detector at the designated return landing (see above) or the smoke detectors as described in i. and ii. below:

        i. If a smoke detector is located in the hoistway at or below the lower of the two recall landings, it shall be wired to activate the same normally closed contact as the smoke detector located in the lobby at the lower of the two recall landings.

        ii. If machine rooms / machine space is located at the designated return landing, the smoke detectors located therein shall be wired to activate the same normally closed contact as the smoke detector at the designated landing.

    c. Requirements for intermittently illuminating the fire hat visual signal in the car operating panel, either i. or ii. apply.

        i. For a single unit or for a group of elevators having one common machine room / machine space and one common hoistway, provide one additional normally closed contact representing the machine room / machine space and hoistway smoke detectors.

        ii. If the group contains more than one hoistway and hoistway smoke detectors are installed, or if the group has more than one machine room / machine space, provide one normally closed contact for each elevator. The contact is to represent the smoke detector in the machine room / machine space for that particular elevator, and any smoke detectors in the hoistway containing that particular elevator.

22. In Canada, provide smoke detectors, located as required, with wiring from the sensing devices to the controller(s) designated return landing.

    a. For each group of elevators, provide a normally closed contact representing the smoke detector at the designated return landing and, if provided, from the sensing device in the pit.

    b. For each group of elevators, provide a normally closed contact representing all smoke detectors located in elevator lobbies, but not the smoke detector at the designated return landing (see above) and, if provided, from the sensing device in the top of the hoistway.

    c. For each group of elevators, provide a normally closed contact representing the smoke detector in the elevator machine room / machine space(s).

    d. If the machine room / machine space is located at the designated return landing, the smoke detectors located therein shall be wired to activate the same normally closed contact as the smoke detector at the designated landings. When a machine room is used, for each group of elevators, provide in addition to the above, a normally closed contact representing the sensing devices in the machine room and, if provided, in the pit or at the top of the hoistway (for the Fire Hat in the Elevator).

23. In the United States, if sprinklers are installed in the hoistway or machine room / machine space(s), a means to automatically disconnect the mainline power supply to the affected elevator and any other power supplies used to move the elevator, upon or prior to the application of water is required (unless prohibited by local code). Smoke detectors shall not be used to activate sprinklers in hoistways or machine rooms / machine spaces or to disconnect the mainline power supply.

24. Provide a Class "ABC" fire extinguisher, minimum 10 lbs., in the machine room or in a location convenient to the machine space.

Electrical Requirements

25. All 125 volt, 15 or 20 ampere single phase receptacles installed in pits, machinery spaces, and elevator car tops shall be of ground fault circuit interrupter (GCFI) type. All 125 volt, 15 or 20 ampere single phase receptacles installed in machine rooms / machine spaces shall have GFCI protection. A dedicated single phase receptacle supplying a permanently installed pit sump pump shall not require GFCI protection. (NEC 620-85 or CEC Rule 38-085).

26. Furnish a dedicated, balanced, 3 phase, 3 wire electrical feeder system with a separate solidly grounded equipment grounding conductor terminating in the machine room / machine space. Size of the feeders and grounding conductor to suit elevator power characteristics. Feeder conductors and grounding conductor must be copper. A fused disconnect switch or circuit breaker capable of being locked in the open position for each elevator per the National Electrical Code (ANSI/NFPA 70) or Canadian Electrical Code (C22.1) with feeder or branch wiring to the controller (NEC 620-51, 620-61(D), and 620-62 or CEC Rule 38-013(2)(a)) must be provided. Fuses are to be current limiting class RK1 or equivalent. Circuit breakers are to have current limiting characteristics equivalent to class RK1 fuses. Fuses or circuit breakers are to be time delay to cover the full load up accelerating current as listed in the Otis Confirmation of Power Supply form.

    [Note: If the 3 phase power to the control system is simulated (not from the utility), by use of a phase converter system, the phase converter must have all three phases balanced. Digital phase converter is required.]

    Furnish a separate 120 volt, 15 ampere single phase branch circuit and SPST fused disconnect switch or circuit breaker capable of being locked in the open position to supply the car lights, receptacles, auxiliary lighting power source, and ventilation on each car in compliance with the National Electrical Code must be provided.

    When a machine room is used and where practical, disconnects shall be located adjacent to the door of the machine room enclosure. When a machine space is used, disconnects or circuit breakers shall be located behind the door of the machine space per Otis layout.

    Branch circuit wiring to each controller (NEC 620-53 or CEC Rule 38-053) must be provided.

    For machine room applications, a convenience outlet and a suitable light, of not less than 200 Lux (19FC) as measured at floor level must be provided in the machine room with a light switch located within 18" (456 mm) of lock jamb side of machine room door.

    For machine space applications a convenience outlet located inside the machine space door and a suitable light located outside the machine space door on the lock jamb side, of not less than 200 Lux (19FC) as measured at floor level must be provided per Otis layout. The machine space light circuit shall be a dedicated circuit separate from other lighting circuits. (NEC 620-23 or CEC Rule 38-023)

    A convenience outlet and light fixture of not less than 100 Lux (10FC) as measured at the pit floor level must be in the pit with a light switch located adjacent to the pit access door (NEC 620-24 or CEC Rule 38-024). The light bulb(s) shall be externally guarded to prevent contact and accidental breakage.

    [Note: Consult with the Otis Construction Superintendent at your location concerning the following paragraph.]

    To meet the date upon which the elevators are to be turned over, the permanent 3 phase feeder system and protective devices must be installed and power available prior to the start of elevator installation.

27. Provide 120 volt, 20 ampere power for light, tools, hoist, etc. to the hoistway during installation. Source must be within 75 feet (22.86 M) of the hoistway.

28. Provide one (1) dedicated outside telephone line per elevator car to the elevator machine room / machine space(s), and terminated at the controller designated by the Otis construction superintendent. Reference the A17.1/CSA-B44 code and the Otis Confirmation of Power Supply for specific requirements.

29. [Optional for Elevators with an intra building Intercom] Provide a separate 120 volt, 15 ampere, single phase power supply with fused SPST disconnect switch or circuit breaker located as required for intercommunicating system power supply. Circuit to be arranged for feeding from the building emergency lighting supply if provided. Conduit and wiring for remotely located intercommunicating stations must be provided.

30. [Optional for Elevators with a Battery Powered Emergency Return Unit (ERU)] Provide the disconnecting means required by the National Electrical Code (NEC) or Canadian Electrical Code (CEC) with an auxiliary contact and wiring to the controller. The auxiliary contact is to be positively open when the main disconnecting means is open. The auxiliary contact shall cause the ERU power source to be disconnected from its load when the disconnecting means is in the open position. Size of main contacts to suit elevator power characteristics.

    [Additional ERU Requirement]
    In the United States, heat sensors used to automatically disconnect the mainline power supply prior to the application of water from sprinklers shall be provided with a normally closed contact with wiring from the sensing device to a controller designated by Otis. The normally closed contact shall be closed when the heat sensor is not activated and shall be open when the heat sensor is activated.

31. [Optional for Installations with Emergency (Standby) Power] Provide the emergency (standby) power unit and means for starting it, and deliver to the elevator via disconnect switches in the machine room / machine space, sufficient power to operate one or more elevators at a time at full rated speed and rated load.

    An automatic Power Transfer Switch is required for each power feeder to monitor both Normal and Emergency (Standby) Power conditions and to perform the transfer from one to the other. Switch to have two sets of normally closed dry contacts, one to be open when the switch is in the Emergency (Standby) Power position, the other to open upon initiation of power transfer and to close when transfer is complete. Switch to have an inhibit function which will delay transfer to Normal and / or Emergency (Standby) Power by an adjustable period of 0 – 300 seconds. Switch shall have a Phase Monitor feature, which prohibits the transfer of power between "live" sources unless the sources are in phase with each other. If a Shunt Trip device is provided, an additional Normally Closed contact is required from the Emergency (Standby) Power source.

    Emergency (standby) power system shall be connected to the 125 volt power circuit as noted in A.3 of the Confirmation of Power Supply for the branch circuit supplying the car lights, car top receptacle, auxiliary car lighting power source and car ventilation.

You agree to indemnify and save Otis harmless against any and all liability and costs arising out of your failure to carry out any of the foregoing requirements.

OTIS

HydroFit 4510
MODEL HydroFit HOSPITAL
SEISMIC 0/1

DWG. NO.:	PWBO 2 OF 2
BUILDING	Salam Mosque Drawing
LOCATION	Albany New York
CONT. WITH	
OWNER	
ARCHT.	GRH
CONTRACT NO.	

EXPRESS DRAW: WEB 20

NOTE – DO NOT SCALE THIS DRAWING

Project:

Salam Mosque
Front Renovation
PHASE 2

276 Central Ave.
Albany, NY 12206

Owner:

Salam Mosque

276 Central Ave.
Albany, NY 12206

Architect:

GRH
Architecture, Engineering & Construction

333 Glen Haven Road
Rochester, New York 14609
Tel/Fax: (585) 654-6000
Mobile: (585) 739-6000
Email: grh@rochester.rr.com

Consultant:

Revisions:

Rev.	Description	By	Date

Sheet Title:

ELEVATOR
Notes

Project Manager:	RH
Project Architect:	RH
Drawn by:	RH
Checked by:	RH
Date Issued:	6-30-21
Project No:	91017b

Seal: REGISTERED ARCHITECT · STATE OF NEW YORK

Scale: $\frac{1}{2}$" = 1'-0"

Drawing No.:

A-4.4

ABBREVIATIONS

AFF	above finished floor
ACT	acoustic tile
AB	anchor bolt
AC	air–conditioning
ADJ.	adjustable
ALUM	aluminum
ANOD	anodized
ARCH	architectural
BO	bottom of
BLK	block
BD	board
CPT	carpet
CK	caulking
CLG	ceiling
CER	ceramic
CJ	control joint
CMT	ceramic mosaic tile
CIRC	circumference
CLR	clearance
CO	closure
COL	column
CONC	concrete
CMU	concrete masonry unit
DIA	diameter
DIM	dimension
DS	downspout
DWG	drawing
DF	drinking fountain
EIFS	exterior insulation finishing system
ELECT	electrical
EL	elevation
EXIST	existing
EB	expansion bolt
EXP	expansion
FFE	finished floor elevation
FE	fire extinguisher
FEC	fire extinguisher cabinet
FLG	flashing
FLR	floor
FLCO	floor clean out
FD	floor drain
FLUR	fluorescent
FTG	footing
FND	foundation
FR	framing
GA	gauge
GC	general contractor
GL	glass
GB	grabbar
GT	
GYPBD	gypsum drywall
HDR / Granite	header
HVAC	heating/ventilation air conditioning
HC	hollow core
HM	hollow metal
HB	hose bibb
HWH	hot water heater
ID	inside diameter
INT	interior
INV	invert
JC'	janitor's closet
JT	joint
JB	junction box
KPL	kick plate
KIT	kitchen
LBL	label
LAM	laminate
LAV	lavatory
LT	light
LTL	lintel
LVR	louver
MH	manhole
MFR	manufacturer
MECH	mechanical
MO	masonry opening
NIC	not in contract
NTS	not to scale
OC	on center
OP	opaque
OPG	opening
PT	paint
PNL	panel
PTD	painted
PT TRTD	pressure treated
PLAM	plastic laminate
PL	plate
PWD	plywood
PCF	pounds per cubic foot
PFL	pounds per linear foot
PSF	pounds per square foot
PSI	pounds per square inch
PCC	pre cast concrete
PL	property line
QT	quarry tile
RL	railing
REINF	reinforcing
RES	resilient
R	riser
RD	roof drain
RFH	roof hatch
RFG	roofing
RM	room
RO	rough opening
SCH	schedule
SNT	sealant
SHTG	sheathing
SC	solid core
SS	stainless steel
STD	standard
STL	steel
STN	stain
STR	structural
SUSP	suspended
TEL	telephone
TV	television
TO	top of
TYP	typical
UNF	unfinished
UNO	unless noted otherwise
VB	vapor barrier
VNR	veneer
VERT	vertical
VIN	vinyl
VCT	vinyl composition tile
VWC	vinyl wall covering
VB	vinyl base
VT	vinyl tile
WP	waterproofing
WWF	welded wire fabric
WD	wood
WB	wood base

GRAPHIC SYMBOL INDEX

- Wall Section — Section Number; Sheet where section is drawn
- Interior Elevation — Sheet where elevation is drawn; Elevation identification
- Elevation View — Elevation identification; Sheet where elevation is drawn
- Detail — Encircled Area shown on large scale detail; Detail identification; Sheet where detail is drawn
- Room Name / Number — ROOM-NAME 100
- Elevation Mark — ELEVATION = 0'-0"
- Note — Indicates note reference
- Revision — Indicates revision to drawing explanatory note in title block
- Wall Type
- Door Number — 000-A
- Existing Door — Indicates floor level; Indicates room number; Sequential number — 000-1
- New Door

MATERIAL SYMBOL INDEX

- EARTH
- WOOD FIBER Board
- POROUS FILL
- METAL STUD & DRY WALL (PLAN ONLY)
- STRUCTURAL CONC.
- STEEL
- CMU
- BRICK
- GYPSUM BOARD (DETAILS & SECTIONS)
- WOOD SHIM
- PLYWOOD
- WOOD FINISHED
- WOOD ROUGH
- INSULATION (LOOSE/BATT)
- INSULATION (RIGID)

GENERAL NOTES

General Notes:

1. Contractor shall field verify all existing dimensions and conditions. Notify the Architect immediately if the dimension's) shown on the drawings differ from that of the existing dimension's) and/or conditions for directions.
2. Contractor shall execute all work in accordance with the material manufacturer's directions and recommendations and Architect's requirements. Verify execution of the Work with the Architect.
3. Contractor shall visit the site and familiarize themselves with the existing conditions. Contractor shall notify the Architect of any discrepancies, omission with in the drawings and specifications for clarifications.
4. Contractor may propose changes prior to submittal of the Bid(s). Changes after the submittal of the bid(s) will not be acceptable, unless other wise directed by the Architect/Owner.
5. In case of any discrepancy between Drawings, Specifications, notes or other documents, the most stringent shall govern. Contact the Architect for direction, clarification and degree of stringency.
6. The contractor is fully responsible for compliance with Federal, State and Local Laws, Regulations, Fire and Building Codes and the generally accepted construction standards and Contract Documents.
7. Contractor(s) shall contact the Owner/Construction Manager for coordination of related various Work, which will impact their portion of the Work.
8. All Changes shall be approved by the Architect and the Owner prior to any work.
9. The Construction time for this project shall be 120 calendar days from the Notice to Proceed date. The Final Completion shall be 30 calendar days after the Substantial Completion date.
10. Liquidated Damage for this project shall be $500 per each calendar day of delay, beyond the Contract Time.
11. Contractor is responsible for obtaining all the required permits and all related fees. Contractor shall notify the authorities having jurisdiction over the project at intervals required by the same.
12. Contractor shall Provide a 5% Bid Bond with the required documents indicated in the specifications. The Selected Contractor(s) shall provide a Performance and Materials & Labor Bond in the amount Equal to the Total Bid Amount submitted (BONDED PROJECT).
13. Provide Signs at Prayer–Hall & Prayer, Multi–Purpose & Main Lobby in Compliance with Fed. NYS. and Local Laws, Regulations & Building Codes Indicating MAXIMUM OCCUPANCY for each Space.
14. Provide Building Identification Placard as per 19NYCRR Part 1264, next to Fire Department KEY BOX shown on East Elevation adjacent to the North Main Entry. Coordinate the location of KEY BOX with Fire Department.

NYS BUILDING CODE (NYSBC-2020) REVIEW

NO.		Description	NYS (IBC 2018)	Page No.	Required/ Allowed	Proposed Actual	Notes
1		Occupancy Classifications	303.4 (A-3)	46	Place of Worship, A-3	Mosque, A-3	Mosque & Accessories Use (Multi-Purpose/GYM & Classes). Low-Hazard
2	A	Allowable Height(Feet)	Tab 504.3 & 504.4	104-106	75 Ft (TYPE III-B)-SPK	2 Stories; 24 Ft	Construction TYPE is TYPE III-B. Entirely Building is Sprinkled.
2	B	Allowable Area Basic (SF)	Tab 506.2	109	28,500 SF	5,346 SF/Floor	A-3, TYPE III-B Construction & Fully Sprinkled.
2	C						
2	D						
2	E	Area Modifications (Square Feet)	506.2.3, 506.3.2, 507.7	108-112	NA	NA	Not Applicable
3		Type of Construction	Tab 601	119	TYPE III-B	TYPE III-B	Masonry Exterior walls with Interior Wood Framing (unprotected).
	A	Primary Structural Frame.	Tab 601	119	0	0	Exterior Masonry walls (Party Walls -2-HRs)
	B	Bearing walls (Exterior)	Tab 601	119	2 HRs	2 HRs+	No Exterior Bearing Walls. 16"x24" Solid Brick Pilasters
	C	Non-Bearing walls (Exterior)	Tab 601 & 602	119-120	1 HR	3 HRs	> 5Ft/A-3 Occupancy 12" STR Clay Tile
	D	Bearing walls (Interior)	Tab 601	119	0	0	No Exterior Bearing Walls. 16"x24" Solid Brick Pilasters
	E	Non-Bearing walls (Interior)	Tab 601	119	0	1 HR	2"x4" Studs @16"OC w/ 5/8" Gypbrd BS.
	F	Floor Construction-Fire Resist.	Tab 601	119	0	1 HR	
	G	Roof Construction-Fire Resist. Req'nts	Tab 601	119	0	0	
4		Fire walls (On Lot Line) PARTY wall	Sec706.1.1, Tab706.4	130-131	3HRs	3HRS	12" STR Clay Tiles (on both sides) and all cavities filled Urethane Insulation. 2-5/8"FR, Min 4' at Roof
5		Fire Barriers (Int. Exit Access Stairway)	Sec707.3.2, 713.4, 1023	133,139,289	1 HR >4 ST	1 HR	Deck on both sides of the Firewall & where meets the Ext Walls.
6		Concealed Spaces	Sec718.3, 718.4, 708.4.2-Ex1	135,156	Draftstopping Not Req	NA	The Building (1st & 2nd Floors) including the Attic space is sprinkled.
7		Interior Finishes	Tab 803.13	213	SPK-A, B, C	SPK-A & B ALL Finishes	Assembly Spaces, Exit Ways, & Exit Stairs all have Class A Finishes.
8		Automatic Sprinkler System	Sec903.2.1.3	218	Sprinkler Required	Building is fully Sprinkled	
9		Portable Fire Extinguisher	Sec906.1 & IFC-Sec906	229	Min 2/Floor Req'd	2/Floor	Light Hazard
10		Fire Alarm & Detection	Sec907.2.1	231	Required	Fire Alarm/Detection Provided	Smoke/Carbon Monoxide Combo detection are provided.
11		Means Of Egress	Chapter 10				
11	A	Occupant Load -Sec 1004	Sec 1004	258			Muslim Prayer requires 2' wide x4.5' Long space per Person.
11	a	1st FL-Prayer Hall	Tab 1004.5	259	2887/10 = 289 Person	289 Person	The Total area includes the Exist Front & Added Renovated Back.
11	b	1st FL- Office & Mechanical RM.	Tab 1004.5	259	1+1 = 2 Person	2 Person	Max Total 1st FL Occupancy = 291 Person
11	c	2nd FL-Multipurpose Room	Tab 1004.5	259	2629/15=175 Person	175 Person	
11	e	2nd FL- Multipurpose Room-Exist.	Tab 1004.5	259	847/20=42.35	42 Person	Max Total 2nd FL Occupancy = 217 Person
11	d	Stairways- Size	Sec 1005.3.1	260	217x0.3=65"	48"(Back)+36"(Front)=84"	The Front Stair is Exist. & Back Stair is New.
11	f	Min No of EXITS or ACCESS to EXITS	Tab 1006.3.2	263	2	2	
11	g	EXIT & EXIT Access Configuration	1007.1.1	264	Diag 162'/2 =81'	2nd FL=134' 1st FL=154'	
11	h	Means Of Egress Illumination	Sec 1008.1	264	Required	90-Min Emerg. Light provided	
11	i	Means Of Egress -Accessibility	Sec 1009.1	265	Required	Provided	1st Floor (2 Means of Egress is provided-Front & Back).
11	j	Means Of Egress -Door (size & swing)	Sec 1010.1.1, 1010.1.2	268-269	32"w x80"h	2-36"x84"-Stair 36"x84"	The EXIT Door swing are all in the direction of Exit.
11	k	Means Of Egress-Stairways	Sec 1011.2, 1005.3.1	276	217x0.3=65.1"	36"(Front)+48"(Back)=84"	EXIT Doors from Stairways to outside are all 84" high.
11	k	Means Of Egress-Stairways Risers & Treads	Sec 1011.5.2	277	R=7", T=11", Nosing=1"	R=7", T=11", Nosing=1"	
11	l	Means Of Egress-EXIT Signs	Sec 1013.1	281	Required	Provided	
11	l	Means Of Egress-Handrails	Sec 1014.2	282	Height: 34" Min-38" Max	Height: 34"	1014.6- 12" (top) Extension & 24" (Bottom) Extension
11	m	Means Of Egress-Guard-Handrails	Sec 1015.3	283	Height: 42" Min	Height: 42"	
11	n	Means Of Egress-EXIT Access Travel Distance	Tab 1017.2	285	Occup A, SPK, 200'	Height: 42"	
11	o	Means Of Egress-Corridors Fire Rating	Tab 1020.1	287	A, <30P, SPK = 0	1 HR provided (Back)	
11	p	Means Of Egress-Corridors-Min Width	Tab 1020.2	287	A-3, Min 44"	Back=96", Front=44"	
11	q	Means Of Egress-EXIT Discharge	Tab 1028.1	294	Discharge to Exterior	Discharge to Exterior	
12		Accessibility - Ch 11					
12	a	Accessibility - Ch 11	Sec 1102.1	305	Required	2 Provided at 1st Floor	1st Floor to 2nd Floor is not Accessible (No Elevator)
12	b	Accessibility - Multistory	Sec 1104.4	306	Required	Elevator-Phase 2	An Elevator will be provided at the Front in Phase 2 of Project.
12	c	Accessibility - Toilet & Bathing	Sec 1109.2, 1109.2.2 &3	314-315	Min 5% Required	2WC, 1 Shower, All Lav's	
12	d	Accessibility - Drinking Fountain	Sec 1109.5.1	315	1 DF Required/Floor	1 DF provided	1 Combination of Wheelchair & Standing DF are provided at each Floor.

A. 1st Floor - Areas & No of Occupants

1. Total Gross Area = 5,334 SF
2. Prayer Hall Area-Net = 3005SF
   a. $\frac{3005}{10}$ = 300.5 ~ 301 Person 10SF/Person
   b. Office = = 1
   c. Mechanical RM = 1

   TOTAL No Of Occupants = 303 Person

Building Gross Area - 1st Floor = 5,334 SF
Building Gross Area - 2nd Floor = 5,316 SF

Back Renovation Construction Area - 1st Floor , Phase 1
Gross Area = 3,503 SF

Back Renovation Construction Area - 2nd Floor, Phase 1
Gross Area = 3,503 SF

Net Prayer Hall Area - 1st Floor = 3005 SF
Multipurpose Area - 2nd Floor = 2630 SF

B. 2nd Floor - Areas & No of Occupants

1. Class RMs = 42 Person 20SF/Person
2. Multi-Purpose: $\frac{2630}{15}$ = 175.3 ~ 176 Person 15SF/Person

   TOTAL No of Occupants = 218 Person

TOTAL NO OF OCCUPANTS: 291 + 215 = 521 Person

C. Toilet Fixtures

IPC 2018, Section 403, Tab 403.1, A-3 Occupancy.
No of Male Occupants = 261
No of Female Occupants = 261

1. Male
   a. WC = $\frac{1}{150}$ --> $\frac{261}{150}$ = 1.74 ~ 2
   b. LAV = $\frac{1}{200}$ --> $\frac{261}{200}$ = 1.30 ~ 2
2. Female
   a. WC = $\frac{1}{75}$ --> $\frac{261}{75}$ = 3.48 ~ 4
   b. LAV = $\frac{1}{200}$ --> $\frac{261}{200}$ = 1.30 ~ 2

Project:

Salam Mosque Front - Renovation

276 Central Ave.
Albany, NY 12206

Owner:

Salam Mosque

276 Central Ave.
Albany, NY 12206

Architect:

GRH
Architecture, Engineering & Construction
333 Glen Haven Road
Rochester, New York 14609
Tel/Fax: (585) 654-6000
Mobile: (585) 739-6000
Email: grh@rochester.rr.com

Consultant:

Revisions:

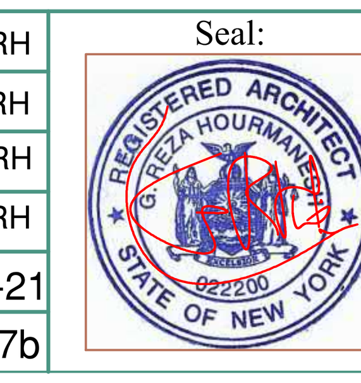
Rev.	Description	By	Date

Sheet Title:

General & Code Review

Project Manager:	RH
Project Architect:	RH
Drawn by:	RH
Checked by:	RH
Date Issued:	6-30-21
Project No:	91017b

Seal:



Scale: NA

Drawing No.:

C