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addendum no. 01

to: All Plan Holders

date: October 23, 2026

project name & number: Needham CATH Renovations
BH+A Project No. 3480.10

prepared by: Bargmann Hendrie + Archetype, Inc.
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Boston, MA 02210

This Addendum forms part of the Contract Documents and modifies the original Bidding Documents dated October 1, 2026, as noted below.

Acknowledge receipt of this Addendum in the space provided in the appropriate space on the Form for General Bid and Form for Sub-Bid. Failure to do so will subject the Bidder to disqualification.

This Addendum consists of 25 pages with 11 attachments, totaling 49 pages.

attachments:

List of Prequalified Bidders (2 page)
Pre-Bid Conference Attendance sheet (1 page)
A700 Room Finish Legend and Schedule, Revision 1 dated 23 October 2026
TY401 Telecommunications Details, Revision 1 dated 23 October 2026
Section 001116 Invitation to Bid, revised (1 page)
Section 015000 Temporary Facilities and Controls, revised (13 Pages)
SKA-01, Section at Mirror and Ballet Barre
SKA-02, Typical Porcelain Tile / Porcelain Tile Base
SKH-01, Dryer Vent Roof Termination Detail
SKH-02, KEF Grease Box Installation Detail
SKH-03, VAV Installation Detail

INFORMATION AVAILABLE TO BIDDERS

The attendee sign-in sheet from the October 14, 2026, site walk-through has been attached for Bidders information.

PROJECT MANUAL CHANGES

List of Prequalified Bidders
Insert this List in its entirety.

Section 001116 Invitation to Bid
Revised due date for questions for general trades to October 29 2026.
Revise the due date for filed sub-trade bids to October 29, 2026.
Revised the due date for general bids to November 5, 2026.

Section 007300.01 Supplementary Conditions
Article 11.1.5 Vehicle Liability Combined Single Limit changed to
$1,000,000.00

Section 015000 Temporary Facilities and Controls
Replace Article 2.2 with the following:

2.2 PROJECT SIGNS

A. Provide in a location designated by the Architect one (1) sign, 4 feet by 8 feet in size, with three 4-inch by 4-inch post supports. Sign shall be fabricated from 3/4 inch thick medium density overlaid exterior plywood, edged continuously with 3/4 inch square pine banding. Apply one coat of exterior primer and two coats of exterior gloss enamel to all surfaces of sign and supports.

B. Sign shall be professionally produced and shall indicate: (1) the name of the Project, (2) the name of the Owner, (3) the name of the Contractor, (4) names and addresses of the Architect and Consulting Engineers, and (5) Owners Project Manager. Graphic images and lettering, including type size, style and colors, will be provided by the Architect prior to beginning of construction. Architect will provide layout in electronic disc format or printed copy for sign production.

C. Provide directional signs as required to properly control construction traffic at each site.

D. No other signs or advertisements will be allowed on building or premises.

~~E. Erect where required for DEP File No. in accordance with Wetland Regulations and the Order of Conditions where applicable.~~

Section 070002 Roofing and Flashing

Remove section 1.2A and insert the following

F. Work Included: Provide labor, materials and equipment necessary to complete the work of this Section, including but not limited to the following:

1. All Work of Section 073113 - ASPHALT SHINGLES
2. All Work of Section 075400 - THERMOPLASTIC MEMBRANE ROOFING
3. All Work of Section 076200 - SHEET METAL FLASHING AND TRIM
4. All Work of Section 077100 – ROOF SPECIALTIES

Section 077100 Roof Specialties

To the title on page 1 add the following: (Part of Work of Section 070002 - ROOFING AND FLASHING, Filed Sub-Bid Required)

To the footer add the following: (Filed Sub-Bid Required)

Section 093000 Tiling

Remove article 2.4J.

Remove article 3.5B and insert the following;

B. Floor Tile Over Slab on Grade Concrete, Typical: TCNA F112 and ANSI A108.5.

1. Tile Type: Refer to Finish Schedule.
2. Mortar: Thickset
3. Grout: Polymer-modified sanded grout.
4. Joint Width: 1/8 inch.
5. Crack isolation membrane, at large format tile.

Section 095100 Acoustical Ceilings

Remove article 2.1B and insert the following;

G. ACT-2: Manufacturer and Model: Armstrong, Optima #3355

1. Panel Size: 24”x24” by 1-inch thick.
1. Panel Mounting: Square Tegular
2. Noise Reduction Coefficient (NRC): Not less than 0.90.
3. Ceiling Attenuation Class (CAC): Not less than 26.
4. Color: White.
5. Grid Material: Painted steel.
6. Grid Face Width: 9/16-inch Suprafine XL Grid.

Remove article 2.1C and insert the following;

H. ACT-3: Manufacturer and Model: Armstrong, Optima #3256

1. Panel Size: 48”x48” by 1-inch thick.
2. Panel Mounting: Square Tegular
3. Noise Reduction Coefficient (NRC): Not less than 0.90.
4. Articulation Class: Not less than 190.
5. Color: White.
6. Grid Material: Painted steel.
7. Grid Face Width: 9/16-inch Suprafine XL Grid.

Remove article 2.1D and insert the following;

I. ACT-4: Manufacturer and Model: Armstrong, Optima #3257

1. Panel Size: 24”x48” by 1-inch thick.
2. Panel Mounting: Square Tegular
3. Noise Reduction Coefficient (NRC): Not less than 0.90.
4. Articulation Class: Not less than 190.
5. Color: White.
6. Grid Material: Painted steel.
7. Grid Face Width: 9/16-inch Suprafine XL Grid.

Remove article 2.1E and insert the following;

J. WD-2: Manufacturer and Model: Armstrong, Woodworks Tegular Microperforated

1. Panel Size: 24”x48” by 1-inch thick.
2. Panel Mounting: Square Tegular
3. Noise Reduction Coefficient (NRC): Not less than 0.80
4. Ceiling Attenuation Class (CAC): Not less than 38.
5. Finish: To be selected by Architect from manufacturers full line.

6. Grid Material: Painted steel.
7. Grid Face Width: 9/16-inch Suprafine XL Grid.

Section 101400 Signage
Remove section 1.2A/2

Replace section 2.1A/3 with the following:

3. Exterior Identity Sign:

a. Type: Metal panel with letters cut out of the panel on wood slats with a decorative stone block base block base on concrete foundation.
b. Refer to sheets L1, L2, and LD2 for additional information.

Section 220000 Plumbing
Replace article 1.20A with the following:

1. Drawing and general provisions of the Contract, including General and Supplementary Conditions and other Division 01 Specification Sections, including Section 018100 – General Commissioning Requirements, apply to this section.

Section 230000 HVAC
Replace article 1.26A with the following:

A. The HVAC Sub-Contractor shall provide on-site training on the mechanical systems for the building. The amount of time provided shall be as indicated below. Provide 24 hours total of Owner training. Training times and dates shall be coordinated with the Owner. All Owner training shall be videotaped by the trade providing the training. Each video topic shall be clearly labeled and submitted on a labeled thumb drive with the O&M/ closeout submittal package.

Section 260000 Electrical
Insert Article 1.9E;

E. Training of the Owner's personnel in the operation of the systems. Provide16 hours of Owner training. All Owner training shall be videotaped by the trade providing the training. Each video topic shall be clearly labeled and submitted on an electronic media with the O&M/ closeout submittal package.

Replace article 3.2A with the following:

A. The ELECTRICAL Contractor shall assist the Commissioning Agent in the commissioning process. Section 018100 – General Commissioning Requirements, apply to this section. The Commissioning Agent will be a sub-contractor of the Owner. The Electrical Contractor's responsibilities shall include but not be limited to:
    1. Proving a mechanic to operate the equipment, open panels, switch breakers, operation of lighting control, providing lamp information, etc. as required by the Commissioning Agent during functional testing
    2. Verifying and checking off the preliminary "pre-functional" testing forms provided by the Commissioning Agent prior to the functional testing.

Section 260100 Generator (part of 260000 FSB)
To the title on page 1 add the following: (Part of Work of Section 260000 ELECTRICAL, Filed Sub-Bid Required)

To the footer add the following: (Filed Sub-Bid Required)

Section 260200 Power Monitoring (part of 260000 FSB)
To the title on page 1 add the following: (Part of Work of Section 260000 ELECTRICAL, Filed Sub-Bid Required)

To the footer add the following: (Filed Sub-Bid Required)

Insert Article 260200/ 2.01W.

1.11 The power monitoring meters shall interface with the BMS system using the BACnet protocol (per ASHRAE Standard 135) or via Modbus-to-BACnet gateways as outlined in ASHRAE Guideline 13. Include all wiring and programming to achieve proper data transfer and storage for at least 36 months.

Section 270000 Communications (part of 260000 FSB)
To the title on page 1 add the following: (Part of Work of Section 260000 ELECTRICAL, Filed Sub-Bid Required)

To the footer add the following: (Filed Sub-Bid Required)

Replace article 1.1B3 with the following:

3. LAN/Wi-Fi Systems
a. Locally, the facility will be provided with a Local Area Network for all local data and video connectivity.

Section 270526 Grounding and Bonding Generator (part of 260000 FSB)
To the title on page 1 add the following: (Part of Work of Section 260000 ELECTRICAL, Filed Sub-Bid Required)

To the footer add the following: (Filed Sub-Bid Required)

Section 270528 Pathways for Communications Systems (part of 260000 FSB)
To the title on page 1 add the following: (Part of Work of Section 260000 ELECTRICAL, Filed Sub-Bid Required)

To the footer add the following: (Filed Sub-Bid Required)

Section 270553 Identification for Telecommunications Systems (part of 260000 FSB)
To the title on page 1 add the following: (Part of Work of Section 260000 ELECTRICAL, Filed Sub-Bid Required)

To the footer add the following: (Filed Sub-Bid Required)

Section 270813 Testing Copper Cables (part of 260000 FSB)
Insert revised Section 270813 Testing Copper Cables (part of 260000 FSB) To the title on page 1 add the following: (Part of Work of Section 260000 ELECTRICAL, Filed Sub-Bid Required)

To the footer add the following: (Filed Sub-Bid Required)

Section 271000 Structured Cabling (part of 260000 FSB)
To the title on page 1 add the following: (Part of Work of Section 260000 ELECTRICAL, Filed Sub-Bid Required)

To the footer add the following: (Filed Sub-Bid Required)

Section 271100 Communications Equipment Room and Fittings (part of 260000 FSB)
To the title on page 1 add the following: (Part of Work of Section 260000 ELECTRICAL, Filed Sub-Bid Required)

To the footer add the following: (Filed Sub-Bid Required)

Section 271500 Communications Horizontal Cabling (part of 260000 FSB)
To the title on page 1 add the following: (Part of Work of Section 260000 ELECTRICAL, Filed Sub-Bid Required)

To the footer add the following: (Filed Sub-Bid Required)

Section 271600 Communications Connecting Cords Devices and Adapters (part of 260000 FSB)
To the title on page 1 add the following: (Part of Work of Section 260000 ELECTRICAL, Filed Sub-Bid Required)

To the footer add the following: (Filed Sub-Bid Required)

Section 274114 Audio Visual (part of 260000 FSB)
To the title on page 1 add the following: (Part of Work of Section 260000 ELECTRICAL, Filed Sub-Bid Required)

To the footer add the following: (Filed Sub-Bid Required)

Section 280000 Security (part of 260000 FSB)
To the title on page 1 add the following: (Part of Work of Section 260000 ELECTRICAL, Filed Sub-Bid Required)

To the footer add the following: (Filed Sub-Bid Required)

Replace article 1.1C.3 with the following:

4. Security System: The Security System shall consist of card access system, Video Management System (VMA), Access Control, Intrusion Detection and Equipment Racks, all applicable wire and cable, and the functional integration of all subsystems through subsystem interfaces as specified herein.

Section 283100 Fire Detection and Alarm System (part of 260000 FSB)
To the title on page 1 add the following: (Part of Work of Section 260000 ELECTRICAL, Filed Sub-Bid Required)

To the footer add the following: (Filed Sub-Bid Required)

DRAWING CHANGES

Sheet A700 Room Finish Legend and schedule
Delete Sheet A700 and insert revised Sheet A700 with added signage types.

Sheet A731 Interior Details
Delete details 4 and 6 and replace with SKA-01 and SKA-02.

REQUESTS FOR INFORMATION
The following is a summary of requests for information, questions and inquiries by Plan Holders. A clarification with no change to the Documents are answered below. Responses that require a change to the Contract Documents have been included in the Addendum Changes

Roofing Questions

1. *Table of Contents indicates 077100 as part of the Roof FSB. 070002-1.2 does not list this section. This sections sub-header does not indicate it as part of the Roof FSB. Please clarify if 077100 is part of the Roof FSB.*

RESPONSE: Section 077100 is part of the Roofing filed sub-bid. Sections 07 00 02 and 07 71 00 have been revised to reflect this.

2. *Drawing A102 does not key roofing details at HVAC equipment. Drawing A513 has details 5-7 for HVAC equipment. Please clarify/key roofing details for the different HVAC equipment shown (MAU, AC, Compressor, Exhaust Fans, Heat Pumps, ERV).*

RESPONSE: Heat Pumps and ERV shall utilize detail 5/A513, MUA and Exhauts Fans shall utilize detail 6/A513, and AC and Compressors shall utilize detail 7/A513.

3. *076200-1.2-A-1 indicates through wall flashing and formed wall flashings. These items appear to be indicated by GC/074610 and Mason on the drawings. Please clarify Roofers metal wall flashing responsibilities.*

RESPONSE: Through wall and formed wall flashings are not required for Roofer's scope of work.

4. *A200 drawings, Elevation Legend, "BT -Downspout Boot, Connect to Underground Drainage System, See Civil" Please confirm downspout boots are by GC.*

RESPONSE: Downspout boots shall be by the General Contractor.

5. *Please confirm any/all roof blocking is by the GC.*

RESPONSE: Roof blocking shall be by the General Contractor.

Glass and Glazing Questions

1. *Detail 6/A731 notes 1/4" annealed mirror with safety backing. Section 088000 - Glazing, Paragraph 2.1I specifies low-lead copper free mirror and does not mention safety backing. Please clarify mirror requirements.*

RESPONSE: Mirrors shall be per the specifications. The note on 6/A731 shall be revised. See attached SKA-01.

Tiling Questions

1. *In section 093000-10 3.5.B Floor Tile Installation calls for Thin-set F113 with unsanded Grout. On A405 Note 1 says "Full Mortar Bed" and Structural S101 shows a 2" depression at Toilets. Section 2.4.E calls for (Thickset). Please clarify Floor installation should be F112 Mud Bed with "sanded" grout, not Thin-set?*

RESPONSE: Floor tile installation shall be thickset F112 with sanded grout. Section 09 30 00/ 3.5B has been revised to reflect this.

2. *In section 093000-6 2.4.J calls for Epoxy Grout. Where is this being used? Installations at section 3.5 all say "Unsanded grout". Please clarify.*

RESPONSE: Epoxy grout is not used. Please disregard section 93 00 00/ 2.4J. Section 09 30 00/ 3.5B has been revised to reflect this.

3. *In section 093000-4 2.3.C.2 metal edge strips say "Aluminum…clear anodized satin finish." Detail 4/A731 note says edge strips are Stainless Steel at Tile walls. Please clarify which material for Edge Strips, (mostly on top of Cove Base with no Wall Tile above).*

RESPONSE: Metal edge strips shall be clear anodized aluminum as specified. The note on 4/A731 shall be revised. See attached SKA-02.

4. *In section 093000-4 2.2 Tile Products, you list no "OR EQUALS" for a Filed Sub-Bid. Please consider this.*

RESPONSE: Tile products listed are basis of design, "or equal" products are acceptable provided they comply with specifications.

Ceiling Questions

I am currently working on a proposal for the ACT at the Northbridge Senior Center and have a question on the wood ceilings. For WD-2 the specified product is Armstrong's Woodworks Tegular unperforated, with a spec listed NRC of "not less then 0.80 NRC". However, this product does not achieve that NRC rating. This is primarily due to the unperforated panel not allowing sound to pass through. To achieve that rating in the same product family, the product would likely need to be switched to Armstrong's Microperforated panels with an acoustic infill above. Can you please advise if we should be figuring the product listed in the spec knowing it won't achieve the NRC called for or if another product should be figured. Attached are the data sheets for reference.

RESPONSE: WD-2 basis of design shall be revised to the Armstrong Woodworks Tegular Microperforated product. Specification section 09 51 00 has been revised to reflect this, see above.

ACT-3 and ACT-4 are called out to receive Armstrong #3355 in the specifications which is a 24"x24" tile. The corresponding item # for those tiles in 48"x48" and 24"x48" are 3256 and 3257 respectively. Please confirm that is the tile we should figure in that space.

RESPONSE: Confirmed. Specification section 09 51 00 has been revised to reflect this, see above.

Detail 2/A730 is clarifying the light cove detail that is being called out on both sides of the retractable partition wall. On one side we have flat ceiling running into that light cove and on the other side we have pitched ceilings with 6" axiom edge trim running into the light cove. Is the wall slot fixture and trim shown on 2/A730 supplied by the electrical contractor? Can more detail be provided where the axiom trim intersects with the wall slot fixture and trim at this cove light?

RESPONSE: The wall slot fixture shall be provided by the electrical sub-contractor. The trim referred to in the note is the Axiom trim by the acoustic tile sub-contractor. The wall slot fixture follows the angle of the ceiling. See sheet A400 for sections through the Multi-Purpose Room showing the angle of the ceiling.

The specification 095100 for the acoustical ceilings lists ACT 2 through 4 as being Armstrong product #3355. This product comes with a CAC increasing foiling backing. This backing is unique to this item number which is only offered as a standard item in 2x2. Is the intent to provide this CAC backing for all tile types 2-4 using custom tile size for 3 & 4, or just for ACT-2 with the other ACT types not having the backing? Please advise.

The CACs listed for all these products are 190, which is not obtainable. The articulation class of these tiles is 190. The CAC is either 26 with the CAC increasing backer or N/A with no backer based on the Optima data sheet.

RESPONSE: See revision to section 09 51 00 above. Product number for ACT-3 and ACT-4 have been clarified and required CAC and AC numbers have been added/revised.

<u>Signage Questions</u>

1. *Exterior building signage (Spec 10 14 00, 2.1.A.3; Sheets A200/A201)*

The spec calls for fabricated acrylic letters recessed into cedar tongue-and-groove siding and aluminum letters over wood slats, but the elevations show no building-mounted signage and the siding is fiber cement. Is exterior building signage part of the contract? If so, please provide locations, copy, letter sizes and mounting details.

RESPONSE: See Exterior Identity Sign on sheet LD2, detail #2 for exterior siding.

2. *Interior sign schedule (Spec 10 14 00)*

The documents don't include a sign-type schedule, sign locations or a message list. Please provide one, or confirm that one room ID sign is required at each room listed on the A700 Room Finish Schedule.

RESPONSE: See Signage Types legend added to Sheet on A700, included as part of this Addendum.

3. *Interior wayfinding (Spec 10 14 00, 1.2.A.2)*

Please define the wayfinding signage (types, quantities, locations), or establish an allowance so all bidders carry the same number.

RESPONSE: No wayfinding signage is required. Please disregard Section 1.2-A.2.

4. *Accessible parking signs (Sheets C2.1 / C5.2)*

The site plan shows five accessible parking stalls but only four R7-8 callouts. Please confirm the required number of R7-8 signs.

RESPONSE: The site plan shows five accessible parking stalls with the R7-8 callouts and one handicap stall with Van Accessibility with the R7-8 and R7-8P callout.

5. *S1-1 and W16-7P signs (Sheet C5.2)*

These signs appear in the Sign Schedule but aren't located on C2.1. Are they in scope, and if so, where are they to be installed?

RESPONSE: Please disregard the S1-1 and W16-7P signs from the Sign Schedule.

6. *Room 123 vs. 127 (Sheets A700 / A201)*

A700 lists Room 123 as Arts & Crafts, while A201 elevation 4 is labeled "Arts and Craft 127." Please confirm the correct room number for signage.

RESPONSE: The correct number for the Arts & Crafts Room is Room 123.

<u>Fire Protection Questions</u>

1. *Per Structural Drawing S000, noting this building is designated as a Seismic Design Category "B", will seismic bracing and related scope be required for the fire protection scope 21 00 01? Per the Mass State Building Code 780CMR 10th Edition, and ASCE 7 (2010) (paragraph 13.1.4.4), seismic bracing may be eliminated in buildings that fall under Seismic Design Category "A" or "B".*

RESPONSE: Seismic bracing shall not be required in the project.

2. *Can you please confirm all painting shall be by the painting subcontractor?*

RESPONSE: Confirmed, painting shall be done by the painting subcontractor.

3. *Is the extent of the fire protection fire service 10'-0" outside foundation wall?*

RESPONSE: The extent of the fire protection service is 10'-0" outside the foundation wall.

<u>Mechanical Questions</u>

1. *We've researched the contract documents and the bid website portal and have been unsuccessful in locating a list of approved prequalified contractors. Can this be provided in a future addendum?*

RESPONSE: The list of approved subcontractors is attached to this Addendum.

2. *We noticed the specification manual references "…Unit Prices are as described in Section 01 22 00 …", however, are unsuccessful in locating that specification section. Can this be provided in a future addendum?*

RESPONSE: No Mechanical Unit Prices are required.

3. *Please confirm there are no allowance sums to be carried by any contractor.*

RESPONSE: No allowances are required.

4. *Please advise if all building and/or subtrade permits are waived by the Town.*

RESPONSE: Permit fees are waived by the Town.

5. *Please advise in the costs for a paid fire detail with a Town fireman for any field hot work shall be carried by the respective subtrade(s) or by the GC.*

RESPONSE: Costs for the fire detail shall be carried by the General Contractor.

6. *Please advise if seismic engineering and seismic restraints are required for any HVAC systems.*

RESPONSE: Roof equipment stands are required per drawings and specifications.

7. *Please confirm external vibration isolators are not required for the VAVs and EUH-1*

RESPONSE: External vibration isolators are required, refer to specification section 23 00 00/2.6.

8. *The HVAC equipment schedules on H200 reference a vibration curb for ERV-1, but not for MAU-1. Please advise if a vibration curb is required for MAU-1.*

RESPONSE: A vibration curb is required for MAU-1, refer to specification section 23 00 00/ 2.36

9. *Please advise on the height if the new intended curbs for ERV-1 and MAU-1.*

RESPONSE: Heights for curbs shall be 18" high.

10. *The equipment schedules for ERV-1 & MAU-1 both reference a custom RAL color. Please confirm if this custom color is required as this will yield a major cost difference and additional procurement efforts.*

RESPONSE: Provide the Prematector finish as specified. Disregard reference to RAL color.

11. *Please confirm the intended roof support method for HP-1 and AC-1,2 is to utilize flash-able vibration rails and not the mfg.'s generic quick sling stands. This will yield a major cost difference*

RESPONSE: Confirmed, utilize flash-able vibration rails.

12. *The VRF heat pump units roof support detail references "safety strap provided by HVAC contractor". Is this strap intended to be furnished by the equipment mfg, or roof support mfg?*

RESPONSE: Safety strap shall be provided by HVAC Contractor, per Mitsubishi installation notes.

13. *Please advise if the HVAC FSB contractor is responsible for any heat trace cabling.*

RESPONSE: No heating tracing is required.

14. *Please advise if there's a proprietary ATC subcontractor or if it's open to any accredited ATC firms*

RESPONSE: There is no proprietary ATC subcontractor, but the ATC Contractor must be licensed to install the specified basis of design Honeywell Niagara by Tridium or equal system.

15. *Please confirm 1" thick internal acoustical duct lining per specification section 2.23 is required for ERV-1 only.*

RESPONSE: Confirmed

16. *Please confirm all kitchen exhaust ductwork shall be prefabricated factory double wall type per section 2.34.*

RESPONSE: Confirmed

17. *Please confirm all new ductwork for all new equipment/dryer exhaust (excluding KEF) shall be G60 galvanized steel type material construction.*

RESPONSE: Dryer exhaust duct shall be constructed of aluminum alloy 3003.

18. *Please advise if any new exposed ductwork shall be painted. If so, please confirm which contractor owns providing the painting.*

RESPONSE: Painting of ducts is not required

19. *Please confirm slim duct line hid pipe covering is not required.*

RESPONSE: Exterior refrigerant piping to have PVC jacket. No interior refrigerant piping requires jacketing or pipe hide.

20. *Please provide an installation detail for the roof 4" dryer vent termination for equal competitive bidding.*

RESPONSE: See SKH-1 attached to this addendum.

21. *Please provide an installation detail for the KEF for equal competitive bidding.*

RESPONSE: Install per manufacturers requirements. See SKH-2 attached to this addendum.

22. *Please provide a typical VAV installation detail for equal competitive bidding.*

RESPONSE: Install per manufacturers requirements. See SKH-3 attached to this addendum.

23. *The ceiling diffuser branch ducts detail on H300 references a HARD ELBOW at the initial connection of each supply air LAYIN CEILING DIFFUSER. On previous projects, this may yield a coordination clash with limited amounts of space above ceiling. Please advise if the HARD ELBOW is required.*

RESPONSE: Provide hard elbow wherever possible.

24. *Please confirm fire dampers, smoke dampers, and/or combination fire/smoke dampers are not required; as none are illustrated on H101.*

RESPONSE: Not required.

25. *Please advise if firestopping shall be provided by the respective subtrades or by the GC.*

RESPONSE: Firestopping to be provided the HVAC subtrade as noted in spec section 23 00 00/ 2.14

26. *Please advise if any ceiling/wall sheet rock/dry wall access panels shall be furnished by the respective subtrades or by the GC.*

RESPONSE: Access panels shall be furnished by the respective subtrades.

27. *Please advise if any required cranes/hoisting shall be provided by the respective subtrades or by the GC.*

RESPONSE: Required hoisting equipment shall be provided by the HVAC subtrade as noted in spec section 23 00 00/ 2.45.

28. *There are 2 items on the roof in front on AC-1 that are not identified. Please advise what these are and if they're owned by the FSB HVAC contractor.*

RESPONSE: These items are the Walk-In Cooler and Freezer condensers, by the Kitchen sub-contractor.

29. *Please confirm if acceptable for all new HVAC condensate drain copper type L piping to have propress fittings/joints*

RESPONSE: Confirmed.

30. *Please confirm all new condensate drain piping is intended to be 3/4" size.*

RESPONSE: Confirmed, 3/4" handles up to 20 tons of connected fan coils.

31. *Please advise if duct leak pressure testing is required. If so, please confirm which equipment/airstreams.*

RESPONSE: Per energy codes - Pressure testing is required for any ductwork located outside the buildings insulation envelope - ERV-1 exterior ductwork and ductwork in the attic areas located in the truss space above the insulation layer at the bottom of the trusses.

32. *Please confirm HVAC training is required per spec Section 23 00 00/ 1.26*

RESPONSE: Training is required per specifications. See above for revisions to this specification section.

33. *The insulation specification 2.9 references 1/2" thick flexible foamed plastic for refrigerant pipe sized 7/8" and smaller; however, local energy codes may yield a larger thickness. Please confirm thickness of insulation for refrigerant piping.*

RESPONSE: The insulation should be 1".

34. *Please advise if pre-insulated refrigerant piping line sets are acceptable.*

RESPONSE: Acceptable if piping is installed in a neat linear manner with 90 degree changes in direction.

35. *Please confirm aluminum type jacketing over any HVAC piping is not required*

RESPONSE: Confirmed, not required.

36. *Section 1.29 references extensive duct, pipe, and equipment ID which will yield higher costs and procurement than industry standards. Please advise if general industry standards HVAC ID is acceptable with the best intentions of conserving the authority's budget.*

RESPONSE: Provide identification as specified.

37. *Section 3.23 -G-2 references ERV-2. Please advise if this can be omitted or if referring to ERV-1.*

RESPONSE: Applies to ERV-1

38. *Section 2.26 references drip pans. Please advise if required and applicable locations for equal competitive bidding.*

RESPONSE: This section refers to piping in the area of Electrical panels, transformers, etc. and shall be followed if the piping cannot be routed away from this equipment.

Electrical Questions

1. *Our bid shall be prepared in accordance with the Massachusetts public bidding laws. We understand that Massachusetts public bidding laws, and applicable decisions from the Bid Protect unit of the Massachusetts Attorney General's Office, require all of the electrical work and materials include in the bid to be contained entirely, and describe clearly, within the written electrical specifications. We understand that bidders also are responsible for the work and materials shown on the electrical drawings to the extent that work and those materials also are described and definer in the electrical specifications. We also understand that electrical work may be contained in drawings outside of the electrical drawings provided the work is described in the electrical specifications and there is a clear reference to the affected drawings in the electrical specifications.*

RESPONSE: Article 1.2B in Section 260000- Electric Lists all Electrical work referenced in E-Series, A-Series (RCP and fixtures), Tel-Data/AV/Security, and K-Series (Kitchen) drawings that show electrical work.

Article 1.2C lists 14 Specification Sections that part of Section 260000 Work. They include:

1. **Section 26 01 00 Generator**
2. **Section 26 02 00 Power Monitoring**
3. **Section 27 00 00 Communications**
4. **Section 27 05 26 Grounding and Bonding**
5. **Section 27 05 28 Pathways for Communications Systems**
6. **Section 27 05 53 Identification for Telecommunications Systems**
7. **Section 27 08 13 Testing Copper Cables**
8. **Section 27 10 00 Structured Cabling**
9. **Section 27 11 00 Communications Equipment Room and Fittings**
10. **Section 27 15 00 Communications Horizontal Cabling**
11. **Section 27 16 00 Communications Connecting Cords, Devices and Adapters**
12. **Section 27 41 16 Audio Visual**
13. **Section 28 00 00 Security**
14. **Section 28 31 00 Fire Detection and Alarm System**

Division 26, 27, and 28 specifications sections (attached) have received revised heads and footers to make clear what is included in the 260000 filed sub-bid.

2. *Please advise if owner or Contractor/CM will buy the builder's risk property insurance for the project. Also, can you confirm that trade contractors/subcontractors of all tiers will be named insureds under the policy per widespread industry practice? Finally, can you tell us what the basic deductible will be under the policy and who will be required to pay it if the accident happens- 1) Owner, 2) Contractor/CM, 3) Trade Contractor/Subcontractor?*

RESPONSE: Response: The Town will be purchasing the Builder's Risk Insurance. The trade contractors & subcontractors will be named as additionally insured as their interests may appear. The deductible will be $25,000.

The Town reserves the right to recover deductibles from any and all parties responsible for a loss by any appropriate means, including but not limited to suit, withholding, recoupment, or counter-claim either during or after prosecution of the Work.

3. *Please confirm whether Davis-Bacon wage rates are applicable to this project. Based on our current understanding, they do not apply. If Davis-Bacon wage rates are required, please provide the applicable and updated Davis-Bacon wage determinations so that we can ensure full compliance.*

RESPONSE: Prevailing wage rates for this project are provided by the Commonwealth of Massachusetts Executive Office of Labor and Workforce Development Department of Labor Standards and are located in Section 007343.

4. *General Note #1 on TY001 states "Refer to responsibility chart on this sheet. The Electrical contractor shall install all conduits, back boxes and cabling, terminations and testing of cabling for security systems. The Owner's security*

contractor shall install all devices at the doors, access control panels and electronic equipment, video surveillance cameras and electronic equipment and intrusions detection panels and electronic equipment". However, Specification Section 280000 is listed as a Paragraph E in the electrical filed sub bid and instructs you to furnish and install a complete security system. Please provide clarification as to which porting of the security system the electrical contractor is responsible for providing.

RESPONSE: The Electrical filed sub-bidder shall furnish and install all security system conduit, back boxes, devices, coordination and programming for a fully functional security system. See above for revisions to specification section 28 00 00. Disregard General Note #1 on TY001.

5.

1. *With respect to the project bid construction schedule and the ongoing uncontrollable impacts to the supply chair, shortages of products and long lead times, we assume the Construction Manager and/ or General Contractor has or shall take these long lead times into account when providing their CPM schedules to the Owner, to confirm the as-bid electrical work can be performed within the contract duration.*
2. *Some designs require equipment with long lead times. Examples of long lead equipment are Switchgear, transformers, Generators, VFD's Metering, MCC's, and the electronic components of many telecom systems. Because there are no remedies in the bid documents at this time, financial or otherwise, to correct potential long lead times, please confirm the Electrical engineer has considered equipment lead times when designing the most available equipment and specified products and has received confirmation of product timely availability to meet the contract end date.*

RESPONSE: - Contractors submitting bids shall submit a bid that covers the full cost of providing their scope of work according to the provided schedule, including cost of any expedite charges required by suppliers to deliver materials by the scheduled date.

6. *General Note #16 on TY001 states "Security contractor to provide add alternate price for motion sensors". However, it is not listed as an add alternate in Specification Section 012300 "Alternates". Please provide clarification.*

RESPONSE: Motion sensors shall be included in the security scope of work and are not an add alternate. Please disregard the note.

7.

1. *Due to the Size and complexity of this project, we respectfully request a one-week extension of the bid date.*

RESPONSE: A one-day extension for both subtrade and general bids has been granted. No further extension will be granted.

2. *Specification Section 27 00 00 1.1 states "Locally, the facility will be provided with a Local Area Network for all local data and video connectivity **(network switches by Contractor)".** However, Keynote #2 on T201 states network switches by Owner. Please confirm network switches are provided by Owner and are not included in the 260000 Filed Sub Bid.*

RESPONSE: Network switches shall be provided by Owner. See revision to specification section 27 00 00 above.

3. *Wiring Device Legend on T001 shows a TV outlet receiving (2) Cat6A cables. CATV Outlet Detail on T401 shows a TV outlet receiving (1) coax cable. Please clarify TV outlet cabling requirements.*

RESPONSE: See revised detail #2 on attached T401.

8. *Telecommunications Responsibility Matrix on E403 shows the Electrical Filed Sub Bis is responsible for furnishing and installing a paging system. However there are no system specifications for a paging system and the Telecommunication and Electrical drawings do not show any paging devices. If the electrical contractor is to furnish and install a paging system please provide system specifications and drawings showing all required paging devices.*

RESPONSE: There is no paging system in the building. Please disregard Paging System Cabling line in the Telecommunications Responsibility Matrix.

9. *There is no GFCI circuity shown on the drawings, please confirm which circuit breakers are required to be GFCI.*

RESPONSE: Breaker or GFCI devices can be used for protection per the plans. Specifically, all kitchen circuits that are single-phase and 50A or less + three-phase that are 100A or less shall be GFCI protected. Additionally, other circuits outside the kitchen area that are indicated by the GFCI outlet symbol (square outlet).

10. *Please provide catalog number for nurse call annunciator panel.*

RESPONSE: Basis of design shall be AlphaECall 200 series and related components or equal.

Insurance Question

Request for Verification/Adjustment of Auto Liability Requirement

I am writing to request verification of the automobile liability insurance requirement listed as $2,000,000 for the current bid. Industry standard for commercial contracts typically require $1,000,000 CSL for auto liability coverage. Our insurance carrier doesn't offer limits of $2,000,000 and the additional coverage would need to be carried by the umbrella policy. The stated umbrella limits are $5,000,000 which we do carry, but we would need to increase those limits to cover the additional auto requirements and that would be an additional $50,000 cost. The higher insurance limits are understandable for large contract amounts, but for lower sub-bid contracts that is a huge additional to the project cost. The estimated project costs for all trades, except HVAC and Electrical, are under $500,000. Please advise if these auto limits need to remain at $2,000,000 and if that additional insurance cost was calculated in the estimated project cost.

RESPONSE: $1,000,000 of automobile liability insurance is acceptable. Specification Section 00 73 00.01 has been revised to reflect this.

END OF ADDENDUM NO. 01

Town of Northbridge
New Senior Center
LIST OF PREQUALIFIED CONTRACTORS
9/15/2026 Final R1

In accordance with the model established by MGL Chapter 149 Section 44D, firms receiving at least the minimum points required in each category and an overall minimum score of 70 points (and only those) shall be prequalified to bid. Only Prequalified firms are eligible to submit bids or filed sub-bids. Based upon the tallies of points assigned by the Prequalification Committee, the following firms are prequalified and eligible to bid on the Project:

GENERAL CONTRACTORS

Castagna Construction Corp.
CTA Construction Managers LLC
D.A. Sullivan & Sons, Inc.
G&R Construction Inc.
G.V.W. Inc.
J & J Contractors, Inc.
M. O'Connor Contracting Inc.
Page Building Construction Co.
Tower Construction Corp
TRAC Builders Inc.

MASONRY	MISC. METALS	WATERP'ING, DAMPP'ING AND CAULKING
Cenedella Masonry Inc. Costa Brothers Masonry Empire Masonry Corp Fernandes Masonry, Inc. GVW, Inc. Marmelo Bros. Construction Co. The Waterproofing Company	Quinn Brothers of Essex, Inc. United Steel V&G Iron Works	Folan Waterproofing GVW, Inc. P.J. Spillane Co. Inc. Superior Caulk & Waterproofing The Waterproofing Company
ROOFING AND FLASHING	**GLASS & GLAZING**	**ACOUSTICAL CEILING TILE**
Capeway Roofing Systems Inc Greenwood Industries Inc Rockwell Roofing Inc. Stanley Roofing Company	A & A Window Products Inc Aluminum & Glass Concepts, Inc. GVW, Inc. J.J. Cardosi, Inc. Kapiloff`s Glass Lizotte Glass Inc R & R Window Contractors Inc The Cheviot Corporation	Central Ceilings GVW, Inc. H. Carr & Sons Inc. Rocky's Acoustics The Cheviot Corporation

RESILIENT FLOORS	TILE	PAINTING
Capital Carpet & Flooring Spec. CJM Services, Inc. GVW Inc. Pavilion Floors, Inc. Select Tile Marble & Flooring	Allegheny Contract Flooring Inc. Ayotte & King for Tile Capital Carpet & Flooring Spec CJM Services, Inc. GVW, Inc. Pavilion Floors Inc Select Tile Marble & Flooring	Dandis Contracting Inc GVW, Inc. Homer Contracting Inc. JM's Painting Corp. King Painting Inc M.L. McDonald Sales Company MG Painting Contractors LLC Soep Painting
FIRE PROTECTION	**PLUMBING**	**HVAC**
Carlysle Engineering Cogswell Sprinkler Co. Inc Johnson Controls Fire Protect Rustic Fire Protection Inc	Araujo Plumbing & Heating C. Moran Plumbing & Heating, Inc Harborview Plumbing, Inc. Harold Brothers Mechanical KMD Mechanical Kneeland Plumbing & Heating Inc LaPan Mechanical Inc. N.B. Kenney Company Inc Robert W. Irvine & Sons Inc. Royal Steam Heater Company Stallion Plumbing Heating Co. W.F. Lynch	Araujo Plumbing & Heating CAM HVAC Harold Brothers Mechanical KMD Mechanical N.B. Kenney Company Inc. Royal Steam Heater Company W.F. Lynch
ELECTRICAL		
AMP Electric Annese Electric Mercier Electric and Comm. M-V Electrical Contractors, Inc. Systems Contracting Inc. Wayne J. Griffin Electric Inc.		

Town of Northbridge
New Senior Center Project

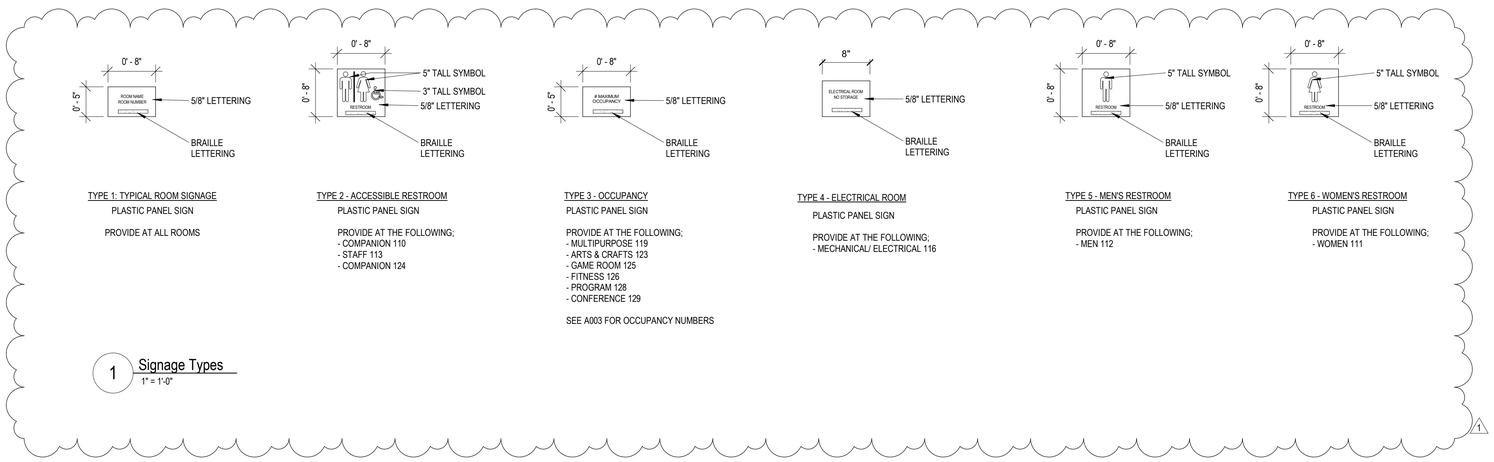
VERTEX®

Meeting: Pre-Bid Conference / Walkthrough
Date: October 14, 2026

Name	Company/Organization	Phone #	E-mail
Kelly Bol	Sr Center		
Jean Mistretta	COA Chair		
Sham Rampersad	MOCC	617-835-8496	Srampersad@moccontracting.com
Shivam Patel	MOCC	617-885-8496	spatel@moccontracting.com
Steve Demeritt	PEI	508 509 8425	sdemeritt@pei-contractors.com
D PAPA	TOWER	401.943.0110	estimating@towerconstructioncorp.com
Andrew Fleming	D.A. Sullivan & Sons	413-584-0310	andrew@dasullivan.com
MATSTURZ	VERTEX	781 770-9570	msturz@vertexeng.com
Jaremy Tobin	B+A	617-350-2243	jtobin@bhplus.com
Scott Motyka	IT - Northbridge Town	401-473-4860	smotyka@northbridgemass.org

Room Finish Schedule

ROOM NUMBER	ROOM NAME	FLOORS	BASE	WALLS				CEILING	MILLWORK	NOTES
				NORTH	EAST	SOUTH	WEST			
First Floor - 297.5'										
101	PROGRAMMING	CPT-3, CPT-4	RB-1	PT-2	PT-2	PT-2	PT-2	ACT-2		
102	EXECUTIVE DIRECTOR	CPT-3	RB-1	PT-2	PT-2, FWP	PT-2	PT-2	ACT-2		FWP 3'-0" to 7'-0" AFF
103	OUTREACH	CPT-3	RB-1	PT-2	PT-2, FWP	PT-2	PT-2	ACT-2		FWP 3'-0" to 7'-0" AFF
104	ADMIN	CPT-3	RB-1	PT-2	PT-2, FWP	PT-2	PT-2	ACT-2		FWP 3'-0" to 7'-0" AFF
105	RECEPTION	CPT-3, CPT-4	RB-1	PT-2	PT-2	PT-2	PT-2, PT-4	ACT-2, GWB PTD, PL-2	PT-1, PL-2, PL-3, PL-4, PL-5	
105B	STORAGE	VCT-1	RB-1	PT-2	PT-2	PT-2	PT-2	ACT-2	PT-1	
106	WORKSPACES	CPT-3, CPT-4	RB-1	PT-2	PT-2	PT-2, PT-4	P-4, PT-2	ACT-2		
107	COPY	CPT-3	RB-1	PT-2	PT-2	PT-2	PT-2	ACT-2	PL-1, PL-3	
107B	STORAGE	CPT-3	RB-1	PT-2	PT-2	PT-2	PT-2	ACT-2	PL-1	
108	VESTIBULE	WO-1	WB-1	PT-2	PT-2	PT-2	PT-2	GWB PTD.		
109	CORRIDOR	LVT-1, WO-2, CPT-1	WB-1	PT-6	PT-1, PT-2, WC-1, PT-3	-	PT-1, PT-2	ACT-4, GWB PTD.	PT-1	
109B	CORRIDOR	LVT-2, LVT-3	WB-1	PT-1, PT-3	PT-2	PT-1, PT-2	-	ACT-4	PT-1	
109C	CORRIDOR	LVT-2, LVT-3	WB-1	PT-1, PT-2	PT-2	PT-1, PT-4, PT-2	-	ACT-4	PT-1	
109D	CORRIDOR	LVT-1, CPT-1	WB-1	-	PT-1, PT-4, PT-2	PT-6	P-1, P-2	GWB PTD.	PT-1	
110	COMPANION	TL-1	TLB-1	PT-7	TL-2	PT-7	PT-7	GWB PTD.		
111	WOMEN	TL-1	TLB-1	PT-7	PT-7, TL-2	PT-7, TL-2	PT-7, TL-2	GWB PTD.		
112	MEN	TL-1	TLB-1	PT-7	PT-7, TL-2	PT-7, TL-2	PT-7, TL-2	GWB PTD.	SS-2, PL-2	
113	STAFF	TL-1	TLB-1	PT-7	PT-7	PT-7	TL-2	GWB PTD.	SS-2, PL-2	
114	PROF.	CPT-3	RB-1	PT-2	PT-2	PT-2	PT-2	ACT-2		
114B	STOR.	VCT-1	RB-1	PT-2	PT-2	PT-2	PT-2	ACT-2	PL-1, PL-3	
115	JAN.	VCT-1	RB-1	PT-2	PT-2	PT-2	PT-2	NO CEILING		
116	MECH./ELEC	VCT-1	RB-1	PT-2	PT-2	PT-2	PT-2	NO CEILING		
117	MDF	SDT-1	RB-1	PT-2	PT-2	PT-2	PT-2	NO CEILING		
118	KITCHEN	EPX-1	EP-1	FRP-1, PT-2	FRP-1, PT-2	FRP-1, PT-2	FRP-1, PT-2	ACT-1		
119	MULTI-PURPOSE	LVT-4, LVT-5, LVT-1	WB-1	FWP-1, PT-1, PT-5	FWP-1, PT-1, PT-5	FWP-1, PT-1, PT-5	FWP-1, PT-1, PT-5	ACT-4, WD-2, GWB PTD.	PT-1, PL-6, SS-1	
120	AV	VCT-1	RB-1	PT-2	PT-2	PT-2	PT-2	ACT-2		
121	CORRIDOR	LVT-1, LVT-3, WO-1	WB-1	PT-2, PT-13	-	PT-2	PT-2	ACT-2		
122	STORAGE	VCT-1	RB-1	PT-2	PT-2	PT-2	PT-2	ACT-2		
123	ARTS & CRAFTS	LVT-1, LVT-2	RB-1	PT-2	PT-8	PT-2	PT-2	ACT-3		
123B	STORAGE	VCT-1	RB-1	PT-2	PT-2	PT-2	PT-2	ACT-2		
123C	STORAGE	VCT-1	RB-1	PT-2	PT-2	PT-2	PT-2	ACT-2		
124	COMPANION	TL-1	TB-1	P-7	TL-2	PT-7	PT-7	GWB PTD.		
125	GAME ROOM	LVT-1, LVT-2, LVT-3, CPT-2	RB-1	PT-1, PT-9	PT-1, PT-9	PT-1, PT-9	PT-1, PT-9	ACT-3, GYP. PTD.	TR-1 CHAIR RAIL	
126	FITNESS	RF-1, RF-2, RF-3	RB-1	PT-10	PT-2	PT-2, MI-1	PT-2	ACT-3		
126B	STORAGE	VCT-1	RB-1	PT-2	PT-2	PT-2	PT-2	ACT-2		
128	PROGRAM	LVT-1, LVT-2, LVT-3	RB-1	PT-11	PT-2	PT-2	PT-2, FWP	ACT-3		
128B	STORAGE	LVT-3	RB-1	PT-2	PT-2	PT-2	PT-2	ACT-2	PL-1	
128C	STORAGE	LVT-3	RB-1	PT-2	PT-2	PT-2	PT-2	ACT-2	PL-1	
129	CONFERENCE	CPT-2	WB-1	PT-2	PT-12	PT-2, FWP	PT-2	ACT-3		
139	LOUNGE	LVT, CPT, SEE FINISHES PLAN	WB-1	-	PT-1, PT-2	-	PT-1, PT-2	WD-2, GYP. PTD.	PT-1, SS-1	
141	COATS	CPT-2	WB-1	PT-2	PT-2	PT-2	PT-2	ACT-2		
Truss Bearing										
201	ATTIC STORAGE									
201B	CATWALK									
202	CATWALK									
203	CATWALK									
204	CATWALK									



TYPE 1: TYPICAL ROOM SIGNAGE
PLASTIC PANEL SIGN

PROVIDE AT ALL ROOMS

TYPE 2 - ACCESSIBLE RESTROOM
PLASTIC PANEL SIGN

PROVIDE AT THE FOLLOWING;
- COMPANION 110
- STAFF 113
- COMPANION 124

TYPE 3 - OCCUPANCY
PLASTIC PANEL SIGN

PROVIDE AT THE FOLLOWING;
- MULTIPURPOSE 119
- ARTS & CRAFTS 123
- GAME ROOM 125
- FITNESS 126
- PROGRAM 128
- CONFERENCE 129

SEE A003 FOR OCCUPANCY NUMBERS

TYPE 4 - ELECTRICAL ROOM
PLASTIC PANEL SIGN

PROVIDE AT THE FOLLOWING;
- MECHANICAL/ ELECTRICAL 116

TYPE 5 - MEN'S RESTROOM
PLASTIC PANEL SIGN

PROVIDE AT THE FOLLOWING;
- MEN 112

TYPE 6 - WOMEN'S RESTROOM
PLASTIC PANEL SIGN

PROVIDE AT THE FOLLOWING;
- WOMEN 111

1 Signage Types
1" = 1'-0"

FINISH LEGEND

ACT-#	ACOUSTIC CEILING TILE
AWP-#	ACOUSTIC WALL PANEL
CONC-#	CONCRETE
CPT-#	CARPET
EPX-#	EPOXY
FAB-#	FABRIC
FRP-#	FIBERGLASS REINFORCED POLYMER
FWP-#	FABRIC WRAPPED PANEL
GL-#	GLASS
GR-#	GROUT
LVT-#	LUXURY VINYL TILE
MI-#	MIRROR
MTL-#	METAL
PT-#	PAINT
PL-#	PLASTIC LAMINATE
RB-#	RUBBER BASE
RF-#	RUBBER FLOOR
SS-#	SOLID SURFACE
ST-#	STONE
STB-#	STONE BASE
TL-#	TILE
TB-#	TILE BASE
TFM-#	THERMALLY FUSED MELAMINE
TH-#	THRESHOLD
TR-#	TRIM & ACCESSORIES
VCT-#	VINYL COMPOSITION TILE
WB-#	WOOD BASE
WC-#	WALLCOVERING
WD-#	WOOD
WF-#	WOOD FLOORING

CUSTOM MILLWORK LEGEND

CAB-#	CABINET
HDW-#	HARDWARE

FINISH NOTES

1. NOT ALL SYMBOLS MAY BE USED ON EACH PLAN.
2. REFER TO SHEET A001 FOR GENERAL ABBREVIATIONS NOT LISTED HERE.
3. LOCATE CHANGES IN FLOOR FINISH MATERIAL UNDER CENTERLINE OF CLOSED DOOR UNLESS OTHERWISE INDICATED.
4. SEE WALL FINISHES PLAN FOR LOCATIONS OF ACCENT WALLS.

ARCHITECT

bh+a

Bargmann Hendrie + Archetype, Inc.
9 Channel Center Street, Suite 300
Boston, MA 02210
617 350 0450

PROJECT NAME

Northbridge Senior Center

44 Cross St
Whitinsville, MA 01588

CLIENT

Town of Northbridge

7 Main Street,
Whitinsville, MA 01588

PROJECT TEAM

Civil Engineer
Pare Corporation
10 Lincoln Road, Suite 210
Foxoboro, MA 02035
(508) 543 1755

Landscape Architect
Kyle Zick Landscape Architecture, Inc.
4228 Washington Street
Boston, MA 02131
(617) 451 1018

Structural Engineer
RSE Associates, Inc.
63 Pleasant Street, Suite 300
Watertown MA, 02472
(617) 926 9300

MEP/FP Engineer
Allied Consulting Engineering Services
270 Littleton Road, Suite 11
Westford MA, 01886
(978) 443 7888

Communications Engineer
Building Technology Consulting LLC
992 Bedford Street
Bridgewater, MA 02324
(617) 799 4309

Foodservice Design
ColburnGuyette
100 Ledgewood Drive
Rockland, MA 02370
(800) 343 3310

REVISIONS

#	REVISION	DATE
1	Addendum 1	10/23/26

DRAWING TITLE

Room Finish Legend & Schedule

DRAWING INFORMATION

10/01/2026
DATE OF ISSUE

100% Construction Documents
DESCRIPTION

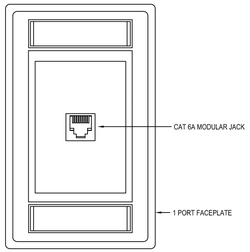
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3553 Northbridge Senior Center_R25.rvt — FILE NAME

DRAWING NUMBER

A700

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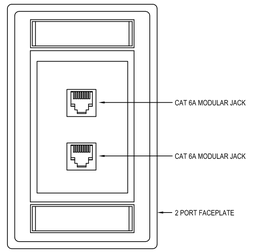
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1

1 TELECOMMUNICATIONS VOICE/DATA OUTLET

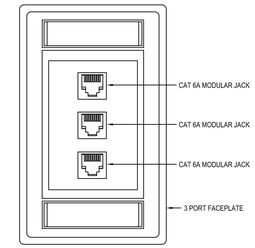
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1 2 TV

2 TELECOMMUNICATIONS VOICE/DATA & TV OUTLET

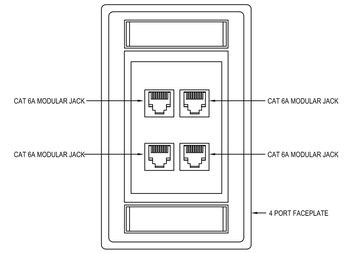
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3

3 TELECOMMUNICATIONS VOICE/DATA OUTLET

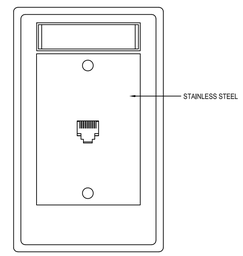
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4

4 TELECOMMUNICATIONS VOICE/DATA OUTLET

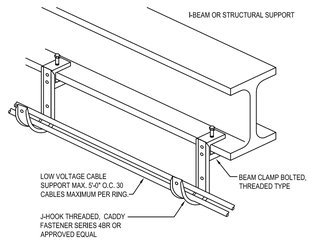
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W

5 TELECOMMUNICATIONS TELEPHONE WALL OUTLET

NO SCALE

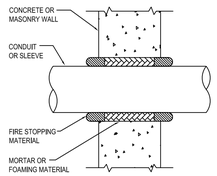


NOTES:

1. SUPPORTING CABLE IS ACCEPTABLE BELOW SUPPORT STEEL OR ABOVE STEEL. COORDINATE MOUNTING LOCATIONS WITH OTHER TRADES AND FIELD CONDITIONS. PROVIDE SUPPORT CLIPS AND THREADED RODS AS REQUIRED FOR A COMPLETE SUPPORT SYSTEM AS INDICATED.
2. SUPPORT CABLE EITHER PARALLEL OR PERPENDICULAR TO SUPPORT STEEL.

7 TYPICAL CABLE SUPPORT DETAIL

NO SCALE

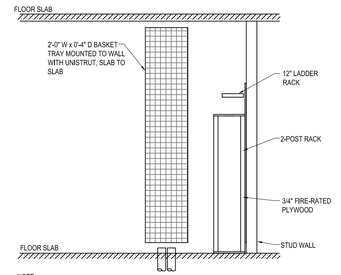


NOTES:

1. INSTALL FIRE STOPPING MATERIAL IN ACCORDANCE WITH MANUFACTURER TESTED METHODS.
2. INSTALL FIRE STOPPING MATERIAL INSIDE SLEEVES AFTER CABLE INSTALLATION IS COMPLETE.
3. ALWAYS RESTORE THE FIRE-RATING OF THE WALL TO IT'S INTENDED DESIGN.

8 FIRESTOPPING DETAIL

NO SCALE

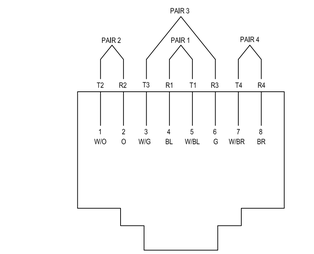


NOTE:

ELEVATION IS DIAGRAMMATIC ONLY.

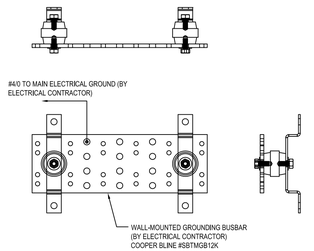
9 RISER CABLE DETAIL

NO SCALE



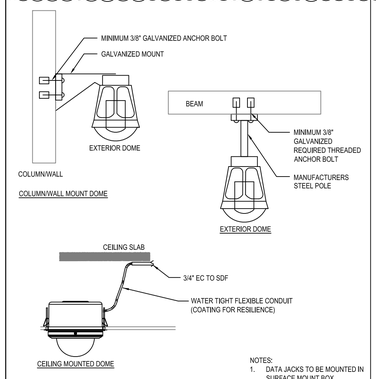
10 568B WIRING SCHEME

NO SCALE



11 TMGB IN MDF GROUNDING BAR DETAIL

NO SCALE

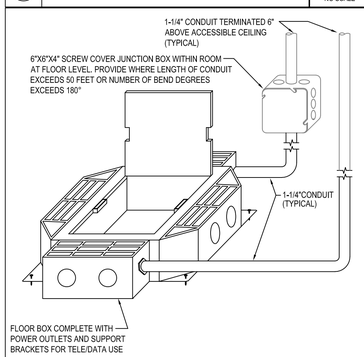


NOTES:

1. DATA JACKS TO BE MOUNTED IN SURFACE MOUNT BOX.

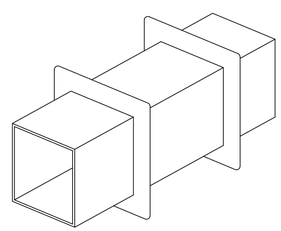
12 CAMERA MOUNTING DETAILS

NO SCALE



13 FLOORBOX DETAIL

NO SCALE

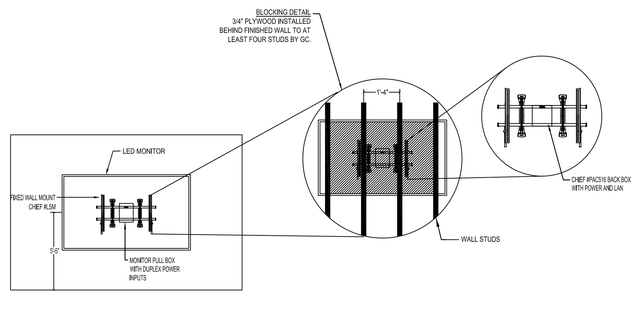


NOTES:

1. DESIGNED TO ALLOW CABLES TO PENETRATE FIRE-RATED WALLS WITHOUT THE NEED FOR FIRESTOPPING.
2. FEATURES A BUILT-IN FIRE AND SMOKE SEALING SYSTEM THAT AUTOMATICALLY ADJUSTS TO THE AMOUNT OF CABLES INSTALLED.
3. AVAILABLE FOR COMMON WALL CONSTRUCTIONS WITH RATINGS UP TO AND INCLUDING 4 HOURS.

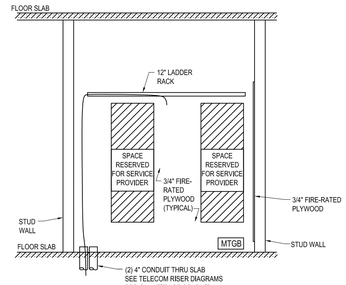
14 THROUGH WALL FIRE RATED PATHWAY DEVICE

NO SCALE



15 WALL MOUNTED TV BRACKET

NO SCALE



16 TYPICAL DEMARC AND IDF WALL FIELD ELEVATION

NO SCALE

ARCHITECT

bh+a

Bargmann Hendrie + Archetype, Inc.
9 Channel Center Street, Suite 300
Boston, MA 02210
617 350 0450

PROJECT NAME

Northbridge Senior Center

44 Cross St,
Whitinsville, MA, 01588

CLIENT

Town of Northbridge

7 Main Street,
Whitinsville, MA 01588

PROJECT TEAM

Civil Engineer
Pare Corporation
10 Lincoln road, Suite 210
Foxoboro, MA 02035
(508) 543 1755

Landscape Architect
Kyle Zick Landscape Architecture, Inc.
4228 Washington Street
Boston, MA 02131
(617) 451 1018

Structural Engineer
RSE Associates, Inc.
63 Pleasant Street, Suite 300
Watertown MA, 02472
(617) 926 9300

MEP/FP Engineer
Allied Engineering, Inc.
270 Littleton Road, Suite 11
Westford MA, 01886
(978) 443 7888

Communications Engineer
Building Technology Consulting LLC
992 Bedford Street
Bridgewater, MA 02324
(617) 799 4309

Foodservice Design
ColburnGuyette
100 Ledgewood Drive
Rockland, MA 02370
(800) 343 3310

REVISIONS

#	REVISION	DATE
1	RESPONSE TO RFI 7	10/23/2026

DRAWING TITLE

Telecommunications Details

DRAWING INFORMATION

07/31/2026
DATE OF ISSUE

100% Construction Documents
DESCRIPTION

1/8" = 1'-0"
SCALE

EO/MG
DRAWN BY

3553
PROJECT #

3553 Northbridge Senior Center_R25.rvt
FILE NAME

DRAWING NUMBER

T401

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SECTION 001116

INVITATION FOR BIDS / ADVERTISEMENT

LEGAL NOTICE

The Town of Northbridge invites electronic bids for the Northbridge Senior Center. Bidding procedures shall be in accordance with the provisions of M.G.L. Chapter 149, Section 44A through Section 44J, inclusive, and Chapter 149, Sections 26 to 27H.

THIS PROJECT IS BEING ELECTRONICALLY BID AND HARD COPY BIDS WILL NOT BE ACCEPTED. The bids are to be prepared and submitted at www.projectdoc.com.

In order to be eligible and responsible to bid on this project, General Bidders and Filed sub-bidders shall have been approved for Pre-Qualification and notified to bid, and shall submit with their bid a current Certificate of Eligibility issued by the Division of Capital Asset Management, DCAMM (formerly the Division of Capital Planning and Operations, DCPO), together with an Update Statement as required by M.G.L. Chapter 149, Section 44D.
Bids shall be submitted electronically and clearly identified as a bid, endorsed with the name and address of the bidder, and the name of the project, and submitted to;

Projectdog, Inc.
https://www.projectdoc.com/
Project Code #262293

Electronic bids for the sub-trades designated below will be received until two (2) o'clock, PM, on Thursday October 29, 2026.

Electronic bids for the general trades will be received until two (2) o'clock PM, on Thursday November 5, 2026.

All bids must be submitted electronically to the above specified domain to the time specified hereunder, in accordance with the procedures set forth in the INSTRUCTIONS TO BIDDERS.

The optional pre-bid conference will be on Wednesday October 14, 2026 at 11:00 AM at 44 Cross St, Whitinsville, MA 01588.

All questions regarding the project must be submitted in writing to Jeremy Tobin from Bargmann Hendrie +Archetype at jtobin@bhplus.com by two (2) o'clock, PM, on Wednesday, October 21, 2026 for sub-trades and by ten (10) o'clock, AM, on Wednesday **October 28** for general trades.

Files sub-bids will be required and takes for the following classes of work;

Masonry, Miscellaneous and Ornamental Iron, Waterproofing, Dampproofing and Caulking, Roofing and Flashing, Glass and Glazing, Tile, Acoustical Tile, Resilient Floors, Painting, Fire Protection, Plumbing, Heating, Ventilation and Air-Conditioning, and Electrical.

All project documents will be electronically distributed and supplied by Projectdog, Inc. located at 18 Graf Road, Newburyport, MA 01950 free of charge. Bidders may purchase complete sets of Contract Documents at their own expense.

The estimated cost of the project is $11,000,000.00

SECTION 015000

TEMPORARY FACILITIES AND CONTROLS

PART 1 - GENERAL

1.1 GENERAL PROVISIONS

A. Attention is directed to the CONTRACT AND GENERAL CONDITIONS and all Sections within DIVISION 01 - GENERAL REQUIREMENTS which are hereby made a part of this Section of the Specifications.

1.2 DESCRIPTION OF WORK

A. The Work of this Section includes, but is not limited to, requirements for the following:

1. Temporary facilities and services.
2. Temporary water.
3. Weather protection
4. Temporary heating and ventilating
5. Temporary humidity control.
6. Temporary electricity and lighting
7. Temporary telephone
8. Temporary sanitary facilities
9. Temporary fire protection
10. Temporary stairs and ladders
11. Temporary hoists and chutes
12. Staging and scaffolding
13. Temporary use of elevators
14. Temporary enclosures
15. Protection of work, property and the public
16. Security of the work
17. Rodent control.
18. Water control
19. Snow and ice control
20. Construction fence
21. Project signs
22. Temporary offices

1.3 SUBMITTALS

A. General: Refer to Section 013300 – SUBMITTAL PROCEDURES, for submittal provisions and procedures.

B. Informational Submittals: Submit the following plans for temporary protection and facilities as specified in this Section:

1. Weather protection plan
2. Temporary humidity control procedures
3. Temporary heating plan
4. Temporary fire protection plan.

1.4 TEMPORARY FACILITIES AND SERVICES

A. Contractor shall be responsible for arranging and providing temporary facilities and general services at the site as specified herein and as otherwise required for proper and expeditious prosecution of work. Except as otherwise specified, the Contractor shall pay costs for all temporary facilities and general services until Final Acceptance of the Work and shall remove same at completion of the Work.

B. All such services and facilities shall comply with applicable Federal, State and local regulations.

C. Contractor shall make all connections to existing services and sources of supply, shall provide all necessary installations, labor, materials, and equipment, in a manner subject to the approval of the Architect and the Owner, shall remove temporary installations and conditions when no longer required, and shall restore the services and sources of supply to proper operating condition as approved by the Architect.

D. Discontinuance of any temporary service prior to the completion of any portions of the Work shall not render the Owner liable for any additional cost resulting therefrom.

E. Should a change in location of any temporary equipment be necessary in order for the Work to progress properly, Contractor shall remove and relocate such equipment as required without additional cost to the Owner.

F. Temporary Parking Lot: Construct temporary parking lot shown on approved Logistics Plan for temporary use of Owner and Contractor during construction. Demolish temporary parking lot and restore area for permanent use as shown on Drawings.

1.5 TEMPORARY WATER

A. Furnish potable water for construction purposes for trades at a point within 10 feet of building being constructed. Make arrangements and pay charges for water service installation, maintenance, and removal thereof, and pay costs of water for all trades.

B. After installation, permanent water supply and distribution system may be used as source of water for construction purposes, provided that the Contractor pays applicable municipal water costs and assumes responsibility for damage to water distribution system and pays costs of restoration of system where so damaged.

C. Temporary pipe lines and connections from the permanent service line, either outside or within the building, necessary for the use of the Contractor and his Subcontractors shall be installed, protected and maintained at the expense of the Contractor.

D. In addition to temporary lines and connections, the Contractor, if required by the Owner, shall at the Contractor's expense install a temporary meter in a frostproof box in such location and in such manner as may be approved by the Architect.

E. Provide an adequate supply of drinking water from approved sources of acceptable quality, satisfactorily cooled, for Contractor's employees and those of his Subcontractors. Where required, furnish drinking water in suitable containers and provide single-service cups for use of employees. Drinking water dispensers shall be conveniently located in building where work is in progress.

F. At completion of construction work, temporary water service equipment and piping shall be removed by Contractor.

1.6 WEATHER PROTECTION

A. It is the intent of these Specifications to require the Contractor to provide temporary enclosures and heat to permit construction work to be carried on during the months of November through March in compliance with Massachusetts General Laws. These Specifications are not to be construed as requiring enclosures or heat for operations that are economically infeasible to protect in the judgment of the Architect. Included in this category, without limitation, are such items as site work, excavation, pile driving, steel erection, erection of certain exterior wall panels, roofing, and similar operations.

B. "Weather Protection" shall mean the temporary protection of that work adversely affected by moisture, wind and cold, by covering, enclosing and/or heating. This protection shall provide adequate working areas during the months of November through March as determined by the Architect and consistent with the approved construction schedule to permit the continuous progress of all work necessary to maintain an orderly and efficient sequence of construction operations. The Contractor shall furnish and install all "weather protection" material and be responsible for all costs, including heating required to maintain temperature of 40 degrees F. at the working surface. This provision does not supersede any specific requirements for methods of construction, curing of materials or to performance obligations of the Contractor.

C. Within 30 calendar days after award of Contract, the Contractor shall submit in writing to the Architect for approval, three (3) copies of his proposed methods for weather protection.

D. Installation of weather protection shall comply with all safety regulations including provisions for adequate ventilation and fire protection.

E. Determination of extent of work to be performed during winter months shall be by the Contractor, with Owner's approval provided that work shall proceed at such a rate as to insure Substantial Completion on or before the stipulated date in accordance with the Progress Schedule.

F. Be responsible for providing protection against damage to materials and work installed in freezing weather by providing special heat and coverings to prevent damage by the elements, in a manner approved by the Architect. Protect the ground surfaces under footings, under pipelines, under masonry, under concrete and other work subject to damage, against freezing or ice formation. If low temperature makes it impossible to continue operations safely in spite of cold weather precautions, cease work, and so notify the Architect.

1.7 TEMPORARY HEATING AND VENTILATING

A. Within thirty (30) calendar days after commencement of work under this Contract, the Contractor shall submit in writing to the Architect for approval, three (3) copies of his method and time schedule for heating during construction, which shall concur with his general Progress Schedule.

B. Temporary weather-tight enclosures and temporary heating shall be provided by the Contractor as required during construction to make the building weather-tight and to protect work from freezing and frost damage. All costs of closing in buildings, and all costs of temporary heat shall be paid for by the Contractor until Substantial Completion.

C. Contractor shall provide for temporary heating and shall pay fuel costs for heating directly to the utility company. Contractor may not tie into the Owner's permanent heating and ventilating system. In areas of building where work is being conducted, temperature shall be continuously maintained as specified in Sections of Specifications but not less than 50 degrees F. nor more than 75 degrees F.

D. Furnish and install one accurate recording Fahrenheit thermometer at a place designated by the Owner, located as directed by the Owner in order to determine that the specified temperatures are being maintained.

E. When work has progressed sufficiently for installation of glazing, Contractor may, if approved by Architect, use glazed windows in place of temporary enclosures. Permanent windows shall be protected against damage from mortar, cement, plaster, etc., and from damage by other trades; and upon completion of work shall be thoroughly cleaned, damaged component parts including glass shall be satisfactorily repaired or replaced, and windows left in perfect condition, prior to Substantial Completion.

F. Where building systems are inoperable, temporary heating shall be by smokeless portable unit heaters, steam generators or forced warm air heaters (UL, Factory Mutual, Fire Marshall approved), located outside building or vented to the outside. Contractor shall pay for fuel, maintenance and attendance required in connection with temporary heat. Surfaces, interior or exterior, damaged by use of these space heaters shall be replaced by new materials or be refinished to the satisfaction of the Architect without additional cost to the Owner. Use of oil burning "salamanders" is forbidden and nonvented open flame heaters will not be permitted inside after the building is closed in. Do not use propane-fueled heaters inside building or near stockpiles of combustible materials.

G. When new heating system, or suitable portion thereof, is in operating condition, such system may be used for temporary heating, provided that the Contractor obtains written approval of Architect and Owner.

H. Use of permanent air handling facilities for construction heating purposes will not be permitted.

I. Make periodic inspections of the equipment and controls to insure proper operation of the system, as conditions require, and report any failings. Installation and operation of weather protection and heating devices shall comply with all safety regulations including provisions for adequate ventilation and fire protection.

J. Upon conclusion of temporary heating period, Contractor shall remove temporary piping, temporary radiators, other equipment and pay costs in connection with repairing damaged caused by installation or removal of temporary heating equipment and shall thoroughly clean and recondition those parts of permanent heating system used for temporary service.

K. Provide adequate ventilation as required to keep temperature of building within 10 degrees of ambient outdoor temperature when such. ambient temperature exceeds 70 degrees F., and to prevent accumulation of excess moisture in building. Refer to Section for Indoor Air Quality Control, for additional requirements for ventilation during construction

1.8 TEMPORARY HUMIDITY CONTROL

A. Humidity Control of Enclosed Building: The contractor shall install the following equipment to monitor and regulate relative humidity as required for the installation of all interior products. Humidity control equipment shall include, but not be limited to, the following:

1. Hygrometer: Provide one device to measure temperature and relative humidity in each construction area.
2. Dehumidifier, as required to maintain humidity of enclosed areas below 70%:
3. Fans: As required to eliminate significant variation in humidity levels within enclosed spaces.

B. Schedule for Humidity Control: Relative humidity shall be maintained within the limits set by manufacturers of all interior materials and equipment. Refer to individual specification sections in Divisions 6, 9, 10, 11 and 12 for additional environmental requirements. No interior construction product shall be installed or applied prior to enclosure of building and installation of temporary humidity control measures.

C. Within 30 calendar days after award of Contract, the Contractor shall submit in writing to the Architect for approval, three (3) copies of his proposed methods for humidity control.

1.9 TEMPORARY ELECTRICITY AND LIGHTING

A. Make arrangements as required with local electric company for temporary electric service, pay expenses in connection with installation, operation, and removal thereof, and pay cost of energy consumed by all trades until Substantial Completion of the building. Contractor shall make payments for electrical service directly to the electric company.

B. Take care not to overload equipment and lines. Provide and relocate temporary electric meters as required.

C. Power: Provide power distribution as required throughout new structure 120/208 volt, 3 phase, 60 cycle AC. Termination of power distribution shall be at one location in each major section of building, approximately at center. Termination shall be provided complete with circuit breakers, disconnect switches and other electrical devices as required to protect power supply system. Submit plan showing electrical distribution locations for Architect's approval.

D. Lighting: Temporary lighting system shall be furnished, installed and maintained by Contractor as required to satisfy minimum requirements of safety and security. Temporary lighting system shall afford general illumination in building areas and supply not less than one (1) watt per square foot of floor area for illumination in areas of building where work is being performed. Provide adequate outdoor lighting to illuminate staging, stockpiles, trenches, projections, office trailers etc., to the satisfaction of the Architect, and general illumination throughout adequate for watchmen and emergency personnel.

E. Safety: All temporary equipment and wiring for power and lighting shall be furnished and installed in conformity with the National Electrical Code and in accordance with local ordinances and requirements of the municipal power authority. All temporary wiring and accessories shall be maintained in a safe manner and utilized so as not to constitute hazard to persons or property and shall be removed after they have served their purposes.

F. When permanent electrical power and lighting systems are in operating condition, they may be used for temporary power and lighting for construction purposes, provided that Contractor obtains written approval of Architect and Owner. If permanent lighting fixtures are used in temporary light, provide new lamps for fixtures used for temporary light before Substantial Completion of the Work.

G. At completion of construction work, or at such time as Contractor makes use of permanent electrical installation, temporary wiring, lighting and other temporary electrical equipment and devices shall be removed by Contractor.

1.10 TEMPORARY TELEPHONE

A. Arrange with local telephone company to provide direct line telephone service at each construction site. Provide:

1. One direct line instrument in Field Office for the Contractor with electronic answering machine.
2. Two direct line instruments in Field Office of the Clerk of the Works equipped with electronic answering machine; plus one direct line for facsimile machine in office. Turn over keys to Clerk of the Works and Architect.
3. Two (2) Nextel Motorola i530 Mobile Phones with Nextel National 500 Plans for use by the Clerk of the Works.
4. High Speed internet access and router via DSL, Broadband, Cable, or equal with unlimited internet access to the Field offices of the Contractor and Clerk of the Works.
5. Other instruments at the option of the Contractor, or as required by regulations.
6. Each Subcontractor shall make his own arrangements for telephone service.

B. Pay for installation and removal of temporary telephones and facsimile lines and for all calls and fixed charges in connection therewith; including unlimited long-distance calling.

C. Temporary telephone services shall be maintained until Substantial Completion of the Work.

1.11 TEMPORARY SANITARY FACILITIES

A. Contractor shall provide an adequate number of toilet facilities with chemical type toilets and temporary lighting rented from and serviced by an approved company, as necessary for all persons engaged on the Work. Provide separate facilities for male and female workers.

B. Toilets shall be erected in location approved by the Architect, shall be maintained by the Contractor in a clean and orderly condition in compliance with all local and State health requirements, and shall be removed at Substantial Completion of the Work.

C. Permanent toilet facilities shall not be used by the Contractor, Subcontractors or any persons engaged by them during the course of work under this Contract.

1.12 TEMPORARY FIRE PROTECTION

A. Provide and maintain adequate temporary fire protection in the form of barrels of water with buckets, fire bucket tanks, fire extinguishers, or other effective means of extinguishing fire, ready for instant use, distributed around the Project and in and about temporary inflammable structures during construction of the Work.

B. Within 30 calendar days after award of Contract, the Contractor shall submit in writing to the Architect, three (3) copies of his proposed methods for fire protection that have been reviewed and approved by the local Fire Department. Post a copy of the approved fire protection plan in the Field Office for reference.

C. Gasoline and other flammable liquids shall be stored in and dispensed from UL listed safety containers in conformance with National Board of Fire Underwriter's recommendations. Storage shall not be within building.

D. Make arrangements for periodic inspection by local fire protection authorities and insurance underwriter's inspectors. Cooperate with said authorities and promptly carry out their recommendations.

E. Tarpaulins used during construction work shall be made of material that is resistant to fire, water, and weather. Tarpaulins shall have UL approval and comply with FS-CCC-D-746.

F. Torch-cutting and welding operations performed by Subcontractors shall have approval of Contractor before such work is started and chemical extinguisher shall be available within sight and not over ten (10) feet from location where such work is in progress.

G. Do not light fires in or about premises.

1.13 TEMPORARY STAIRS AND LADDERS

A. Each trade shall provide its own ladders where such ladders do not exceed a height of eight feet. Where ladders over eight feet, or stairs, steps or ramps of any height are required, the Contractor shall provide the entire installation, including the first eight feet.

B. All such apparatus, equipment and construction shall meet all requirements of Federal, State and local laws applicable thereto.

C. As soon as permanent stairs are erected, Contractor shall provide temporary protective treads, handrails, and shaft protection at stair locations.

1.14 TEMPORARY HOISTS AND CHUTES

A. Each trade shall provide its own hoists, including associated rigging, conveyance apparatus and chutes, where the maximum elevation of such hoists does not exceed a height of eight feet. Where hoists with elevations over eight feet are required, the Contractor shall provide the entire installation, including the first eight feet, and also including associated rigging, conveyance apparatus and chutes.

B. Construction, maintenance and operation of material hoists shall conform to applicable requirements of the "Standard Safety Code for Building Construction", ANSI; to AGC "Manual" requirements and to State and local regulations.

C. Temporary ladders, ramps, runways, chutes, derricks, stairs, and similar items required for proper execution of Contractor's work and that of his Subcontractors shall be properly maintained. Use of such facilities by other contractors, subcontractors and trades shall be permitted as required by construction schedule. Hoists and chutes shall be so constructed as to prevent damage, staining and marring of permanent work.

D. No materials, rubbish or debris, shall be permitted to drop free, but shall be removed by the use of material hoist and/or fully enclosed rubbish chute.

E. Provide openings in slabs, roofs, walls and partitions, where required, for moving in large pieces of equipment. Close and restore openings and finish them after equipment is in place. Structural modification, if required, shall be subject to prior written approval by the Architect.

1.15 STAGING AND SCAFFOLDING

A. Responsibility for Staging:

1. Staging eight feet or less in height: Each trade shall provide staging and scaffolding required for its work, where such staging and scaffolding does not exceed a height of eight feet.
2. Staging greater than eight feet in height: Where staging or scaffolding over eight feet high is required, the General Contractor shall provide the entire installation, including the first eight feet.

3. The General Contractor shall coordinate the use of staging and scaffolding as required to permit trades to perform the Work in a timely manner.

B. Construction Requirements for Staging: The General Contractor is responsible for safety of staging and scaffolding, including but not limited to the following requirements:

1. Staging shall be of approved design, erected and removed by experienced stage builders, and shall comply with all applicable OSHA standards.
2. Provide accident prevention devices required by State and local laws.

1.16 TEMPORARY USE OF ELEVATORS

A. Make arrangements with Elevator Subcontractor for temporary use of elevators, if required, during construction period, and for normal use by all trades and Subcontractors.

B. Make arrangements for provision of temporary cab enclosures, cars, car switches, gate contacts, power, signaling devices, temporary hoistway openings, protection of permanent hoistway entrances and other installed finished work, and all such other items as are necessary to permit temporary operation in accordance with local, State and national codes.

C. Arrange with Elevator Subcontractor for all necessary maintenance of elevators during period of temporary operation and for restoration of elevators to their original, perfect condition with guarantees as specified. All costs in connection with temporary operation of elevators shall be paid by the Contractor.

D. Do not abuse, overload or otherwise damage elevators in temporary use for construction purposes.

1.17 TEMPORARY ENCLOSURES

A. Provide temporary weather tight enclosure of exterior walls as necessary to provide acceptable working conditions, provide weather protection for interior materials, allow for effective temporary heating, and to prevent entry of unauthorized persons.

B. Provide temporary exterior doors with self-closing hardware and padlocks. Permanent door enclosures shall not be used as temporary enclosures. Other enclosures shall be removable as necessary for work and for handling of materials.

C. Refer to Section INDOOR AIR QUALITY CONTROL, for requirements for temporary interior partitions to enclose portions of the work where required for protection of indoor air quality.

D. Relocate temporary enclosures as required by progress of construction, by operations of the building, or work requirements, and to accommodate legitimate requirements of Owner and Subcontractors employed at the site.

E. Completely remove temporary materials, equipment and services when enclosure needs can be met by use of permanent construction and at completion of the Project.

1.18 PROTECTION OF WORK, PROPERTY AND THE PUBLIC

A. Furnish, erect, and maintain, until such time as removal is approved by the Architect, temporary fencing and barricades to extent recommended by OSHA and as otherwise required for the protection of life and property during operations under the Contract.

B. Construct barricades and protective facilities in accordance with local and State regulations. Furnish and install all signs, lights, reflectors, and all such protection facilities as may be required.

C. Contractor shall save the Owner harmless from all claims arising from the use of public streets, sidewalks, and adjoining premises for construction purposes.

D. Keep all access roads and walks clear of debris, materials, construction plant and equipment during building operation. Repair streets, drives, curbs, sidewalks, fences, poles and the like where disturbed in building operation and leave them in as good condition after completion of the Work as before operations started.

E. Protect all planting, landscaping, trees and site improvements to remain.

F. The Contractor shall be responsible for the maintenance of construction barriers and traffic barriers in order to maintain traffic around the Work with the maximum of safety and practical convenience to such traffic during the life of the Contract, and whether or not work has been suspended temporarily. He shall take all precautions for preventing injuries to persons or damage to property on or about the Work.

G. Work shall be carried on and barriers erected in such a manner as to provide safe passage at all times for public travel and with least obstruction to traffic. The Contractor shall provide and maintain at his own expense in a safe and passable condition such temporary bypasses created by the barriers as may be necessary to accommodate both pedestrian and vehicular traffic.

H. Whenever gale or high winds are forecast, take proper measurements to secure all loose material, equipment or other items that could blow about and be damaged or cause damage to other work. No such loose items shall be left unsecured at end of working day. Particular attention shall be taken with scaffolding and items placed or stored on roofs or within the structure prior to being enclosed.

I. Remove all snow and ice which may impede work, damage the finishes or materials, be detrimental to workers, or impede trucking, delivery, or moving of materials at the job site, or prevent adequate drainage of the site or adjoining areas.

J. Be responsible for all breakage of glass from the time construction operations commence in each portion of the Project until each portion of the Project is occupied by the Owner. Unless glass has been broken by the Owner or his representatives, or by other separate prime contractors, the cost of glass replacement shall be borne by Contractor.

1.19 SECURITY OF THE WORK

A. The Contractor shall be responsible for providing any and all security precautions necessary to insure adequate protection of his and the Owner's interests.

B. Take all required measures to protect the Work at all times against fire, storm, theft, vandalism and other losses.

C. The Contractor shall be wholly responsible for patrolling and protecting the work under construction and the materials stored on the site; and shall reimburse the Owner for any losses, damage or injury not compensated by insurance, except those directly caused by the Owner, his agents or his employees.

D. The Contractor shall rebuild, repair, restore and make good all damage to any portion of the Work occasioned by any of the above causes before completion and written acceptance of the completed Work, and shall bear the expense thereof. No extension of time will be allowed in such cases.

E. Should the Contractor fail to take prompt action whenever conditions make it necessary, the Owner may make emergency repairs or cause the same to be made, with the stipulation that the costs for such repairs shall be charged against the Contractor and deducted from monies due to him.

1.20 RODENT CONTROL

A. Pest Control: Engage pest-control service to recommend practices to minimize attraction and harboring of rodents and to perform extermination and control procedures at regular intervals so Project will be free of rodents and their residues at Substantial Completion.

1. Obtain extended warranty for Owner.
2. Perform control operations lawfully, using environmentally safe materials.
3. The Contractor's attention is brought to the fact that the building will be occupied by children. Every effort shall be made to avoid applications of materials that will in any way compromise their health.

1.21 WATER CONTROL

A. Take over responsibility for site drainage in work areas upon entering the premises and maintain such drainage during the life of this Contract in a manner approved by the Architect and so as not to adversely affect adjacent areas or abutting property.

B. During the progress of the Work, provide and maintain all required pumps, suction and discharge lines, and power in sufficient number and capacity to keep all excavations, pits, trenches, foundations, and the entire property area free from accumulation of water from any source whatsoever, at all times, and under any and all circumstances and contingencies that may arise.

1.22 SNOW AND ICE CONTROL

A. De-icing Materials:

1. General: Comply with state and local regulations.

B. Snow Storage:

1. General: Comply with state and local regulations.

PART 2 - PRODUCTS

2.1 CONSTRUCTION FENCE

A. Furnish, install, maintain, and pay for temporary fencing and other protection required for the safety of the Work and of stored materials and equipment. Provide temporary construction fence as required for public safety and protection around entire construction area at the Limit of Work line, at each site as shown on Drawings. Fence shall be installed in a manner that will not impact wetlands.

B. Construction fence shall be eight (8) feet high and of chain link construction with 6 gauge wire at the top and the bottom of the fencing material, erected in a substantial manner, straight, plumb and true.

C. Gates shall be built into fence at such approved locations as are necessary, well cross-braced and hung on heavy strap hinges with proper post and hook for double gates. Provide heavy hasps and padlocks for each gate. Provide keys to Owner to facilitate emergency access by Owner's Security Forces and local Police and Fire Department.

D. All fencing shall be in accordance with local ordinances and shall be removed at such time before Final Acceptance as the Architect directs. Restore site to acceptable condition after removing fence.

E. Vehicular access to the site, and parking for Contractor's employees' vehicles shall be restricted to the specific areas designated by the Owner.

2.2 PROJECT SIGNS

A. Provide in a location designated by the Architect one (1) sign, 4 feet by 8 feet in size, with three 4-inch by 4-inch post supports. Sign shall be fabricated from 3/4 inch thick medium density overlaid exterior plywood, edged continuously with 3/4 inch square pine banding. Apply one coat of exterior primer and two coats of exterior gloss enamel to all surfaces of sign and supports.

B. Sign shall be professionally produced and shall indicate: (1) the name of the Project, (2) the name of the Owner, (3) the name of the Contractor, (4) names and addresses of the Architect and Consulting Engineers, and (5) Owners Project Manager. Graphic images and lettering, including type size, style and colors, will be provided by the Architect prior to beginning of construction. Architect will provide layout in electronic disc format or printed copy for sign production.

C. Provide directional signs as required to properly control construction traffic at each site.

D. No other signs or advertisements will be allowed on building or premises.

~~E. Erect where required for DEP File No. in accordance with Wetland Regulations and the Order of Conditions where applicable.~~

2.3 TEMPORARY OFFICES

A. Contractor's Field Office: Provide one (1) field office set up in a separate prefabricated or mobile trailer to accommodate needs of Contractor and construction personnel office activities and to accommodate Project meetings specified in other Division 01 Sections. Include all temporary utilities and connections, supports, stairs, doors, locks, windows, cost of utilities, and removals. Locate on site within the areas designated on the staging plans. Do not locate within 30 feet of an existing building. Recondition site after temporary use. Keep clean and orderly.

B. Owner's Field Office: Provide one (1) Owner's field office, set up in a raised, separate prefabricated or mobile trailer inclusive of all temporary utilities and connections, cost of utilities, and removal, at no additional cost to the Owner. Trailer shall be 10'-0"x42'-0" with no toilet room.

1. This office is for the exclusive use by the OPM and Architect for the duration of the Project.

2. Computers are not required for this field office.

C. Furnish and equip offices as follows:

1. Arrangement: Provide two (2) private offices and one (1) central conference/meeting space sized to accommodate all furniture, equipment, stairs and other amenities
2. Infrastructure: Provide the following minimum systems.

    a. HVAC: Provide ventilations, heating, and cooling equipment to maintain a uniform temperature of 68 to 72 deg F throughout all trailer spaces.
    b. Lighting: Provide florescent or LED lighting fixtures capable of maintaining average illumination of 50 fc (538 lumens) at desk height throughout all trailer spaces. Include exterior light over entry doors.
    c. Electrical Power: provide electrical power service and 120-V ac duplex receptacles, with at least one receptacle on each wall.
    d. Fire Extinguisher: Provide one (1) wall mounted unit in each trailer.
    e. Data Service: Provide uninterrupted internet service minimum 100mps download and upload speed.
    f. Potable Water: Provide cold and hot drinking water via bottled water dispenser. Include disposable cups. Provide water service for duration of the project.

3. Furniture: Provide the following items;

    a. Conference Space: Provide one (1) four-drawer file cabinets, one (1) 36-inch W. by 72-inch L. plan table, one (1) wall mounted hanging drawing racks, and one (1) bookcase to store Project-site documents. Provide three (3) 72-inch folding tables and twelve (12) folding chairs with padded seats.
    b. Offices: Provide each office with one (1) 3'-x5' office desk, HON 34000 Series or equal; one (1) swivel base office chair, HON Basyx VL531 or equal.
    c. Provide standard office supplies throughout duration including staples, scissors, staple remover, P-touch and tape, large and small paper clips, large, medium, and small binder clips, manila folders, and hanging folders.

4. Equipment: Provide one (1) nrew printer/copier/scanner (Ricoh MP C30004ex or equal). Include technical support, installed software, and software/hardware upgrades for all equipment. Include on-site service plan and 24-hour response time for servicing to keep these items fully operational. Network printer/copier/scanner to laptop. This item and services are to be furnished for the duration of the Project.

    a. Computer: Provide large size computer monitor with WiFi and USB cable connection capabilities. ViewSonic 27" or equal with USB cables and wireless mouse.
    b. Copier: Provide copier capable of color copies, 8 ½" by 11-inch and 11 by 17-inch formats, scanning, double sided-copying, stack loading, sorting, and stapling. Provide maintenance, paper, and ink/toner supplies as required.

5. Appurtenances: Provide the following items.

    a. Door Locks and Keys: All doors shall have keyed locks with three (3) sets of keys. Include security grilles on door vision panels.
    b. Windows: Provide weatherproof operable windows in all spaces, include insect screens and security grilles.
    c. Bulletin Boards: Two (2) 4'x6' wall mounted bulletin boards. Include installation.
    d. White Board: Two (2) 4'x8' white board in conference area, and installation.
    e. Thermometer: Two (2); one mounted inside and the other mounted outside.

f. Refrigerator: One (1) undercounter 6 CF refrigerator, with freezer compartment.
g. Infrared Thermometer Gun: One (1).
h. First-Aid Kit: Provide one (1) fully stocked, wall mounted kit, comply with governing regulations. Replenish and replace items for the duration of the project.
i. Hard Hats: Provide six (6) construction hard hats with adjustable dials.
j. Safety Vests, Protective Eyewear and Work Gloves: Provide six (6) "safety yellow" safety vests with reflective markings, impact resistant clear safety glasses, and black work gloves.
k. Waste Receptacles: Provide three (3), nine-gallon sized waste receptacles with liner bags.
l. Contact List: Post the following phone numbers adjacent to the entrance doorway:

1) Police and fire departments, ambulance service, Contractor's home office, Contractor's emergency after-hours telephone number, Architect's office, Engineers' offices, Owner's office, Owners' Project Manager, Principal subcontractors' field, and home offices.

D. Maintenance: Provide cleaning services and trash removal of the field offices on a weekly basis; by a professional licensed, bonded, and insured cleaning service.

E. Sanitary Facilities: Provide exterior, self-contained, single-occupant toilet units of the chemical type, properly ventilated and fully enclosed with a glass-fiber reinforced polyester shell or equal. Provide one unit for each twenty-five (25) personnel on-site; but not less than two (2) units at a minimum when actual personnel count on-site is less than fifty (50). Coordinate final number with authorities having jurisdiction. Provide one toilet unit exclusively for female use.Offices shall be located in location approved by the Architect, shall be maintained by the Contractor in a clean and orderly condition, and shall be removed at Substantial Completion. The Contractor shall provide a cleaning service in each office at regular intervals (at least weekly).

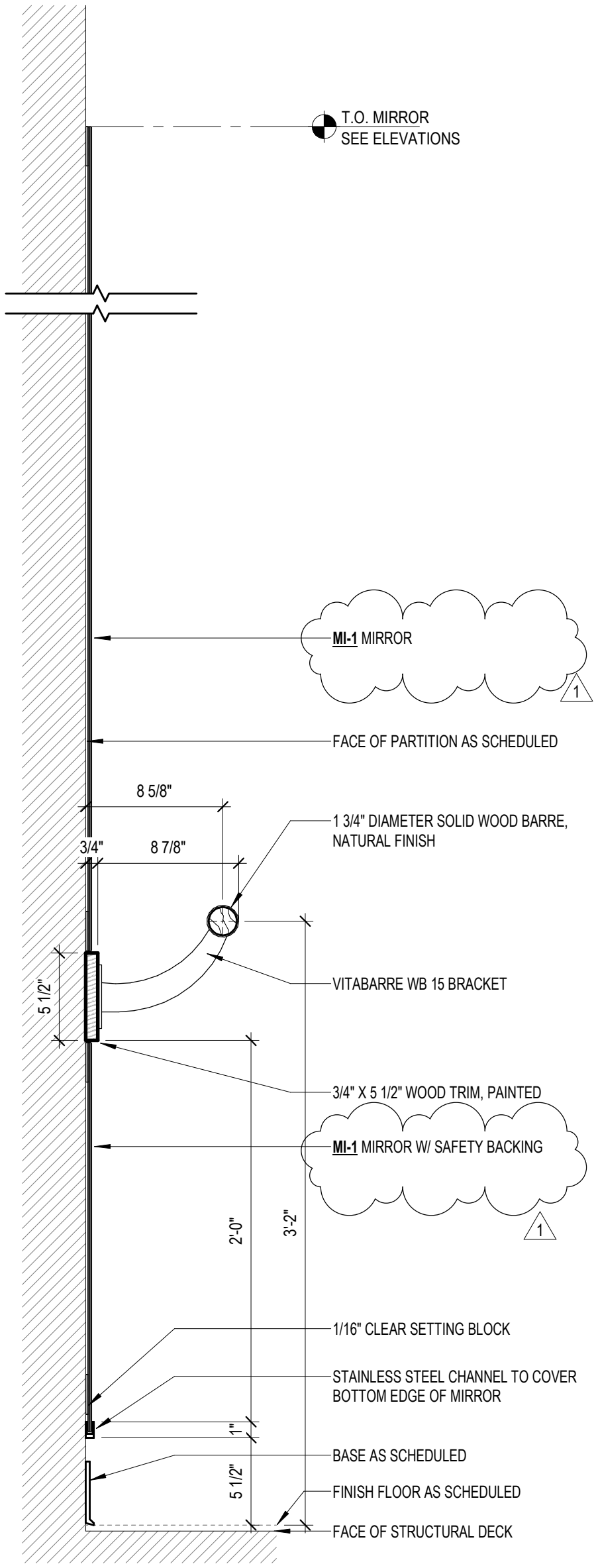
F. Storage and Fabrication Sheds: Provide sheds or containers sized, furnished, and equipped to accommodate materials and equipment for construction operations. Store combustible materials apart from buildings.

1. Store combustible materials apart from building.

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PART 3 - EXECUTION (NOT USED])

END OF SECTION



1 Section at Mirror and Ballet Barre

1 1/2" = 1'-0"

ADDENDUM #1

bh+a
Bargmann Hendrie + Archetype, Inc.
9 Channel Center Street, Suite 300
Boston, MA 02210
(617) 350 0450

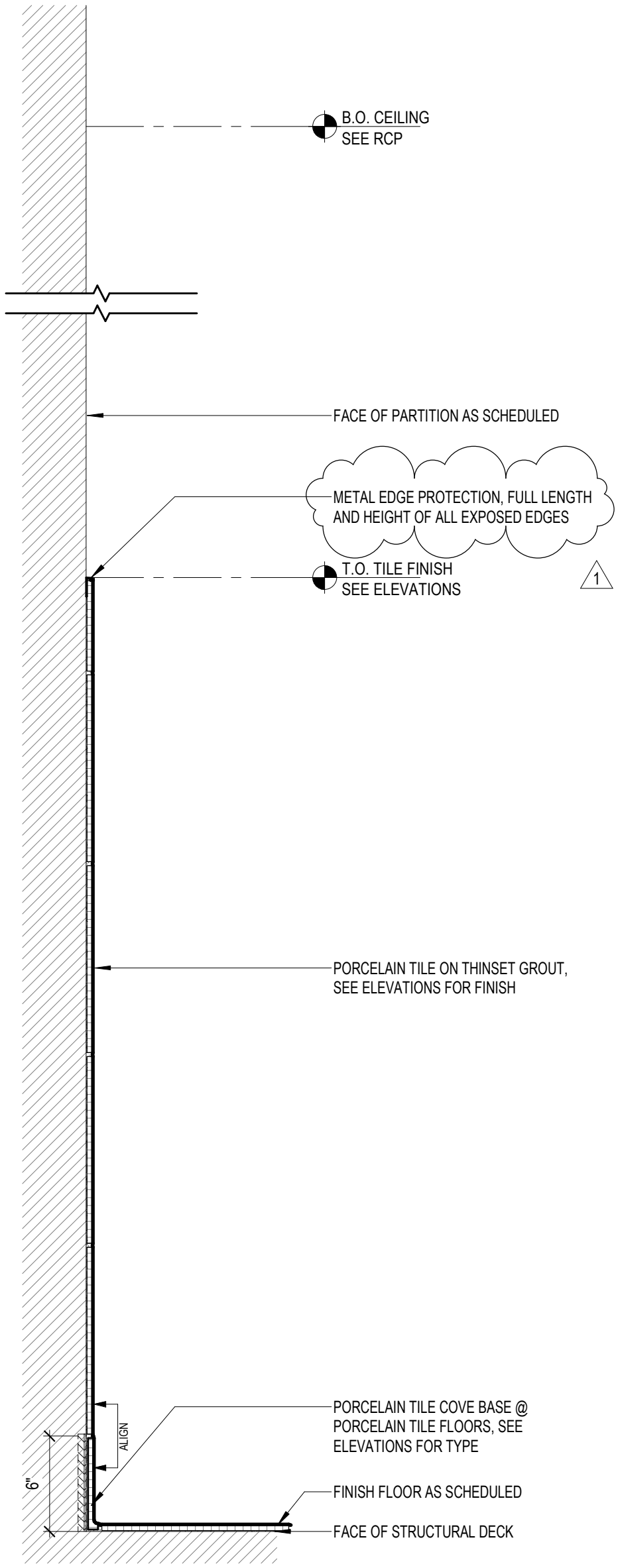
Northbridge Senior Center
44 Cross St
Whitinsville, MA 01588

Section at Mirror and Ballet Barre

REFERENCE: 6/A731

DATE: 10/22/26
SCALE: 1 1/2" = 1'-0"
PROJ. NO.: 3553
FILE NAME:
3553 Northbridge Senior Center_R25.rvt

SKA-01



1 Typical Porcelain Tile / Porcelain Tile Base

1 1/2" = 1'-0"

ADDENDUM #1

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Boston, MA 02210
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Northbridge Senior Center
44 Cross St
Whitinsville, MA 01588

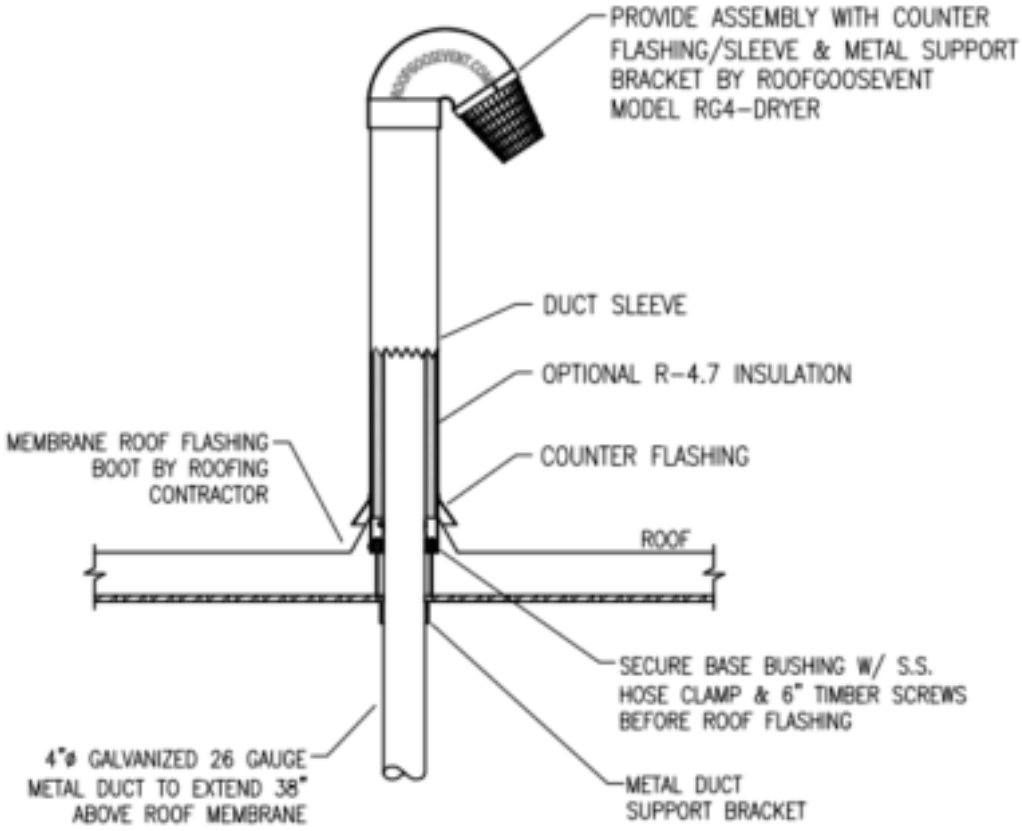
Typical Porcelian Tile / Porcelain Tile Base

REFERENCE: 4/A731

DATE: 10/22/26
SCALE: 1 1/2" = 1'-0"
PROJ. NO.: 3553
FILE NAME:
3553 Northbridge Senior Center_R25.rvt

SKA-02

DRYER VENT TERMINATION DETAIL BASED ON MODEL #RG4-DRYER
NEW CONSTRUCTION INSTALL DETAIL 38" AS MANUFACTURED BY
ROOF GOOSE VENT, LLC



DRYER VENT ROOF TERMINATION DETAIL | N.T.S.

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Dryer Vent Roof Termination Detail

REFERENCE:

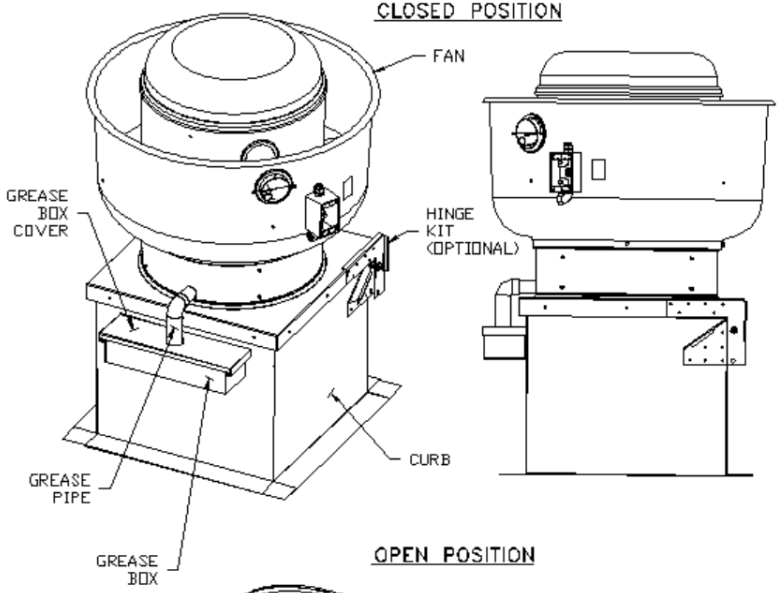
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PROJ. NO.: 3553
FILE NAME: 3553 Northbridge Senior Center_R25.rvt

SKH-01

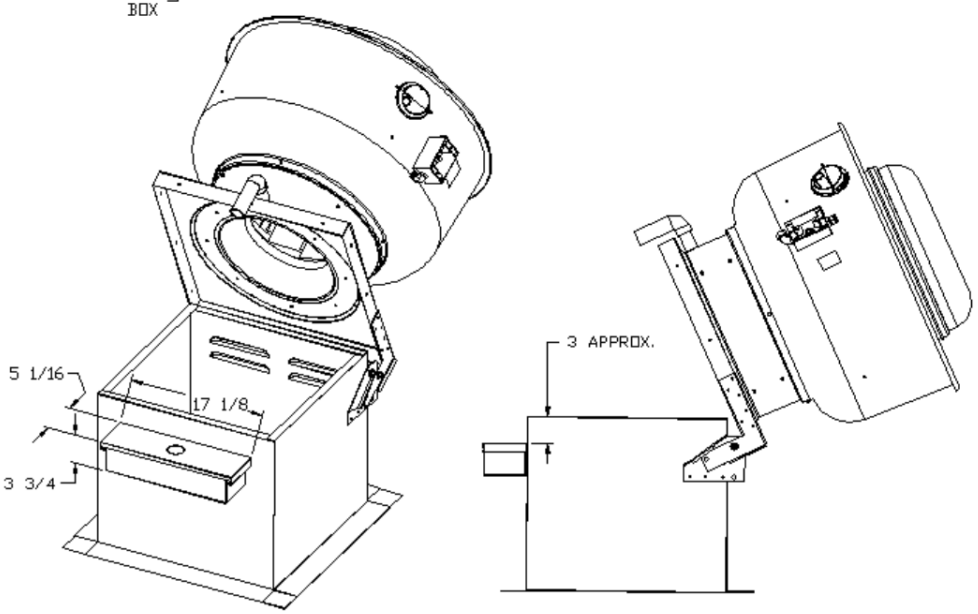
GREASEBOX
REV.NO 08/19/02

GREASE BOX INSTALLATION

CLOSED POSITION



OPEN POSITION



PARTS INCLUDED

GREASE BOX
GREASE BOX COVER
GREASE PIPE

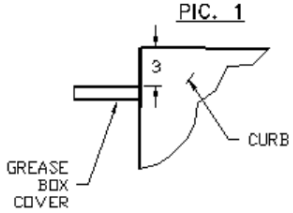
SHEET METAL SCREWS
3 - LONG (3/4" LG.)

GREASE BOX FIELD INSTALLATION

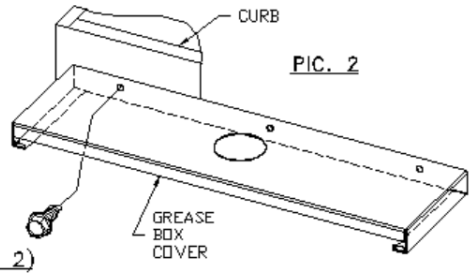
STEP 1)

ATTACH GREASE BOX COVER TO THE CURB, HOLD 3" DIMENSION AS SHOWN ON PIC. 1. SCREW GREASE BOX COVER TO CURB USING (3) LONG (3/4" LG.) SCREWS AS SHOWN ON PIC. 2.

PIC. 1



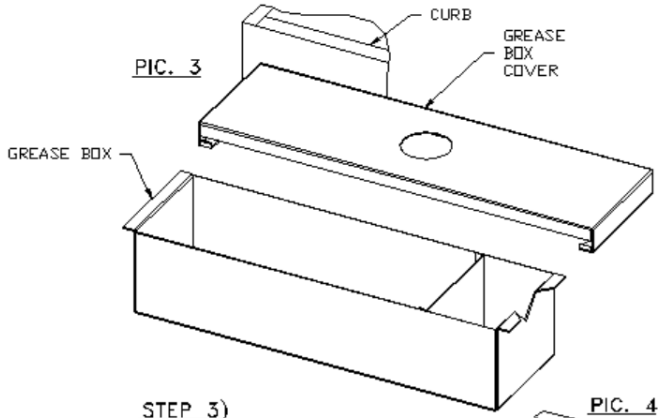
PIC. 2



STEP 2)

ATTACH GREASE BOX TO GREASE BOX COVER, SLIDE AND DROP. AS SHOWN ON PIC. 3.

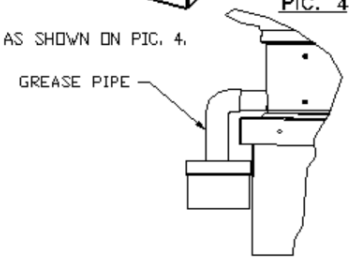
PIC. 3



STEP 3)

INSTALL GREASE PIPE AS SHOWN ON PIC. 4.

PIC. 4



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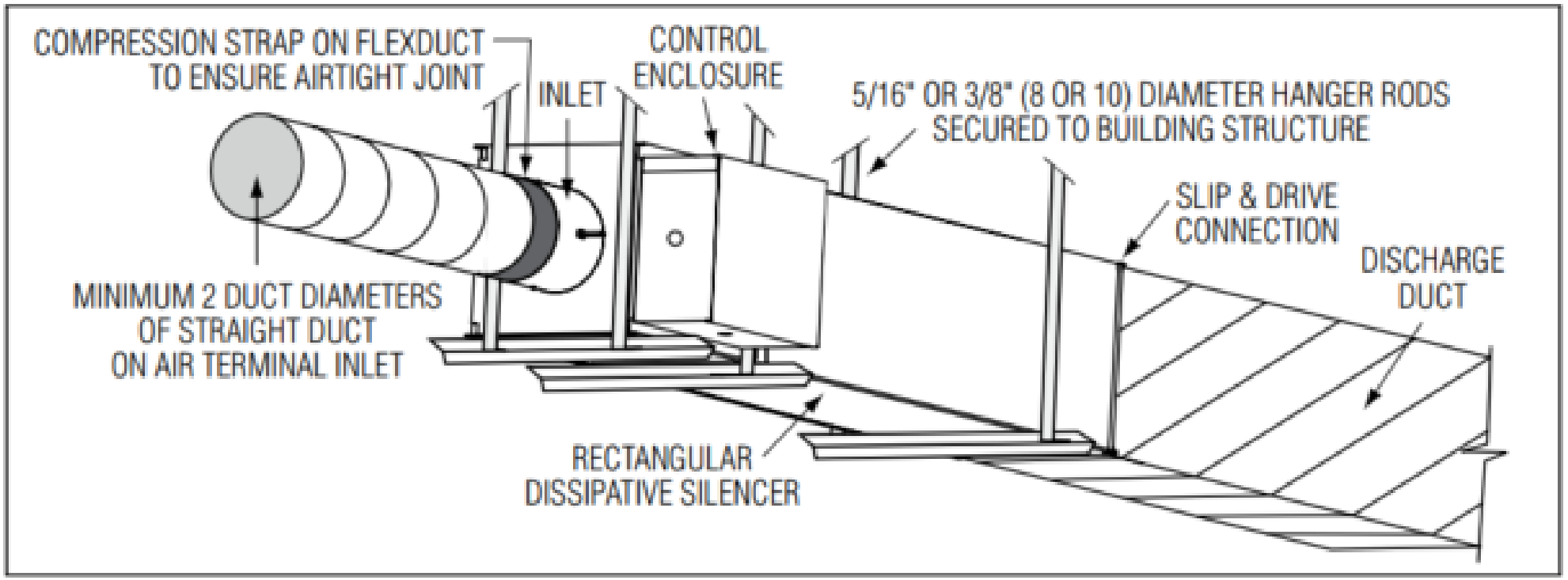
Northbridge Senior Center
44 Cross St
Whitinsville, MA 01588

KEF Grease Box Installtion Detail

REFERENCE:

DATE: 10/22/26
SCALE: NTS
PROJ. NO.: 3553
FILE NAME: 3553 Northbridge Senior Center_R25.rvt

SKH-02



ADDENDUM #1

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Boston, MA 02210
(617) 350 0450

Northbridge Senior Center
44 Cross St
Whitinsville, MA 01588

VAV Installation Detail

REFERENCE:

DATE: 10/22/26
SCALE: NTS
PROJ. NO.: 3553
FILE NAME:
3553 Northbridge Senior Center_R25.rvt

SKH-03