

## **ADDENDUM NO. 3**

### **SMITHS FALLS HYDROELECTRIC PROJECT**

**Stowe Electric Department  
Stowe, Vermont**

**SLR #146.V17412.00001**

**Original Bid Package Issued December 15, 2025**

**Addendum No. 3 Issued January 30, 2026**

This Addendum No. 3 includes clarifications and modifications to the above-referenced bid package. Changes reflected herein shall supersede all previous bid package documentation.

## **A. RESPONSE TO BIDDER QUESTIONS**

The following is a list of questions and requests for information that were submitted in writing by interested bidders that attended the Pre-Bid Meeting, however responses were not available prior to the issuance of Addendum #1 or Addendum #2.

**Q1: As it relates to the Obermeyer Spillway Gate System, please note the following:**

- a. **The routing of the compressed airline is shown in plan on SP-02, and referenced in utility notes 2, 3 and 4 on the same drawing. The material type and size are not identified. The compressed airline is shown in sections 1 and 2 on STR-01 and is noted as stainless steel, however the size is not identified. Obermeyer Drawing 24-2822-101, calls for '1 ea. – 1.5" schedule 10 SS fully welded (not threaded) embedded air line with a ½" condensate purge line installed'. Additionally, it is shown as sloping at a minimum of 0.1% from the bladder connection point toward the abutment. Obermeyer drawing 24-2822-125, notes that the size of the piping should be 2" or 2.5" schedule 10. Specification 35 22 13, Spillway Crest Gates, Part 2.2A, notes 'contractor supplied and installed 1-1/2" schedule 80 SS compressed air supply pipe and fittings. Please provide the stainless-steel pipe sizing, grade and schedule for the airline from the powerhouse to the dam, and each bladder connection location.**
- b. **Drawing SP-02 note two locations for Purge Valve Lock Boxes. Obermeyer drawing 24-2822-101, includes the following notes:**

**1) PURGE VALVES ARE ABSOLUTELY REQUIRED FOR AFFECTIVE OPERATION OF OBERMEYER BLADDERS. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING AN APPROVED PURGE SYSTEM IS INSTALLED.**

**2) OWNER APPROVAL OF PURGE VALVE LOCATION IS REQUIRED AND IS OFTEN DETERMINED BY SITE OPERATIONS.**

**Please confirm that the count and location of the purge lockboxes is the location per the 'approved purge system'. Additionally, please confirm that the compressed air line shall be pitched to these locations, which the addition of a ½" low point tee for the addition of a ½" stainless steel schedule 10 purge line.**

- c. **Please provide a specification for the purge valve for the purge system.**

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- d. Please provide details for the construction of the lockbox.
  - e. The layout for the PLC, ACP, dual compressors and the air tank is shown on STR-03. Per specification 35 22 13:

Additionally, Contractor responsible for supplying the following:

- Interconnecting conduit, wiring, or piping.
- Compressed air line piping and associated fittings, etc.
- Purge valves and associated piping, fittings, steel security cover, etc.
- Stilling well for water level transmitter.
- Any required anchor bolt epoxy.

**Please provide a one-line drawing and piping schematic for the interconnect work associated with this equipment.**

- R1:
- a. Response to this question provided in Addendum #2.
  - b. Response to this question provided in Addendum #2.
  - c. Response to this question provided in Addendum #2.
  - d. The contractor shall provide a heavy-duty, lockable valve box that can be either surface mounted or embedded into the concrete at each purge valve location. Shop drawings shall be required for review and approval.
  - e. Refer to Attachment A for a one-line schematic.
- Q2: **Please note drawings STR-03, A1.0, A2.0, A2.1, M1 and M2 and advise on the following:**
- a. Please confirm that the ceiling height is 8'-8 -1/4" above the concrete slab as shown in section 2/A2.1.
  - b. Please confirm that 1/2" GWB is the desired finish for the interior walls and ceiling of the new powerhouse.
  - c. Please provide mounting heights for LV -1, LV -2, EF-1, MD-1, FC-1 and HP-1, as shown on M1.
  - d. Please provide interior and exterior trim details for LV-1 and LV -2.
  - e. Please confirm that the mounting location for HP-1, as shown on M1, is accurate.
  - f. Please provide the reveal for the composite clapboard siding.
  - g. Detail 2/A2,1 notes 2x10 rafters and a 2x? rafter tie. Please advise on the following:
    - i. Is the rafter spacing intended to match that of the wall (16" O. C.)?
    - ii. Please provide the size of the rafter tie.
    - iii. Is a connection plate required for the rafter to the wall?
    - iv. Would manufactured wood trusses be an acceptable alternative to rafters?
  - h. The southeast elevation on A2.1 calls for a baffled ridge vent. We could not find a specification for this item. Please provide a specification, or a manufacturer and product number.
  - i. Specification section 077100 Roof Specialties is provided in the bid documents, and discusses copings, gutters and downspouts, regrets and



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counterflashing. We could not find a location in the drawings where this specification applies. Please review and advise.

- j. **Please confirm that the location of the Hydro Generator Service Disconnect Shown on E2 is accurate. Additionally, please provide mounting heights and requirements, as well as trim details.**
- k. **Per drawing note 3 on E2, add provide the mounting location, height, requirements as well as trim details.**

R2: a. Response to this question provided in Addendum #2.

b. Response to this question provided in Addendum #2.

c. The following mounting heights shall be used for the items specified below:

- The bottom of louver, LV-1, shall be a nominal 4" above the entry light fixture.
- The bottom of louver, LV-2, mounting height shall match LV-1.
- Motorized damper, MD-1, is installed in the louver LV-1 plenum.
- EF-1 is installed centered on Louver LV-2.
- HP-1 is to be installed a minimum of 18" above finished grade.
- FC-1 is to be installed centered above the double doors and below the louver.

d. All interior trim shall be flat stock 1x4 interior grade pine (painted) or approved equal. All exterior trim shall be 5/4 x 4 composite flat stock per the siding manufacturer and shall match the selected exterior siding color, or approved equal. Shop drawings shall be required.

e. The Heat Pump, HP-1, shall move from the south side of the powerhouse building and shall be mounted on the east side of the building to the south of the double doors.

f. Response to this question provided in Addendum #2.

g. Response to this question provided in Addendum #2.

h. Response to this question provided in Addendum #2.

i. Response to this question provided in Addendum #2.

j. The Hydro Generator Service Disconnect shall move from the north side of the powerhouse building and shall be mounted on the east side of the building to the north of the double doors. See response R2.d for trim requirements.

k. Refer to Attachment B for additional information related to mounting heights.

**Q3: Drawing E2 – the one line shows a new panel in the Mill Building and removal of an old panel and service. Nowhere does it show any branch circuits being moved from one to the other. And the panel schedule shows only one breaker for the SPD. We would like to verify there is no work in this building beyond removing the old panel and service and installing the new?**

R3: No other electrical infrastructure work in this building is part of this project. The Contractor shall provide temporary lighting and power from this panel as required for the balance of the work in this space by other trades.

**Q4: Drawing E2 – one line shows removal of the existing service and panel, but only shows conduit being run for power and telecom but no wire or service panel. We would like verification that there is no work there other than running the underground conduits to the building and removing the existing service.**



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- R4: The feeder is specified on the one-line diagram, shown from Panel P1 to P2.
- Q5: On Drawing E1 under Utility Notes number 3.2 utility responsibilities number 3.2.2. It says supply a precast vault to utility spec. This is listed under utility responsibilities but is written in a way that it appears to be the electrical contractor's responsibility. Please clarify who supplies the vault.**
- R5: The vault shall be supplied by the Owner / Utility.
- Q6: Drawing E1 shows three site lights labeled with a note 1 which states chosen by architect. How should we carry this in our bid?**
- R6: The product information for the site lights was provided in Addendum 2 – Attachment H. The site lights shall be furnished and installed by the Contractor.
- Q7: The architectural drawings show a light on the end of the powerhouse which does not show up on the electrical drawing. What is this light and who is providing it?**
- R7: The product information for the exterior powerhouse light was provided in Addendum 2 – Attachment H. The exterior light shall be furnished and installed by the Contractor.
- Q8: Drawing E1 shows an underground conduit for security cameras but is unclear where it needs to be run to?**
- a. Where do we need to have this conduit?
- b. Is there any other scope involving the cameras or is it just the conduit?
- R8: a. One 1" conduit for the telecom is routed to the Operations Garage, see site plan on Sheet E1.
- b. The balance of the scope shall be owner supplied and installed.
- Q9: Bid bond requirements called for a 1% bond and no form is attached. Is the Contractors Bond form provided in Addendum 1 the one to be used for the bid bond? If not, can you confirm if we can use AIA form, and it is indeed 1%?**
- R9: The RUS Bond Form – Form 168b as provided in Addendum 1 – Attachment F shall be used for the bid bond, as required by the USDA. A 1% bid bond shall be required.
- Q10: Can you confirm no builders' risk is to be carried by the contractor? Will the owner carry one?**
- R10: The USDA RUS PACE funding requires builder's risk insurance at all periods of construction, reconstruction, and rehabilitation.
- Q11: What bid item should include the installation of the turbine? The Payment procedures are not clear about the turbine and generator installation?**
- R11: Installation of the turbine, turbine shaft, wicker gate / controls shaft, generator frame, and generator shall be included in Bid Item #19 – Hydroelectric – Electrical.
- Q12: There's a note in sheet N-01, saying that there shall be no claims for extra compensation due to delays associated with High water levels such as floods. We don't have control of this, should an allowance be created for dealing with high water event? How do we get paid for cleaning the site, restoring cofferdams, etc., if there's a flood? You are asking we take and price all the risk of a high-water event which we have zero control?**
- R12: The note states there shall be no claims for extra compensation due to "delays", if work cannot be performed, during flood events or high water. For example, there will be no



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extra compensation for equipment or work crews that are idle due to high water or flooding.

**Q13: When can work start? Are there any restrictions regarding work in the river?**

R13: An official work start date is not known at this time. It is anticipated that a Notice to Proceed will be issued in March. See Section I-19 and Section II-2-B of the Request for Bids for additional information.

**Q14: Does the project need to be shutdown through the winter?**

R14: Work within Ordinary High Water (OHW) will not be allowed during the winter (October 15<sup>th</sup> – April 15<sup>th</sup>), however some work related to other aspects of the project may be allowed. Any winter work shall be requested in writing and shall be subject to review and approval by the Project Engineer.

**Q15: Can you confirm there are no Buy America Act requirements?**

R15: Buy America Act requirements do apply. See the Request for Bids and responses provided in Addendum 1 for more information.

## **B. ATTACHMENTS**

**A** – Obermeyer 1-line Schematic

**B** – Electrical Mounting Heights Detail



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**ADDENDUM 3 - ATTACHMENT A**  
**OBERMEYER 1-LINE SCHEMATIC**

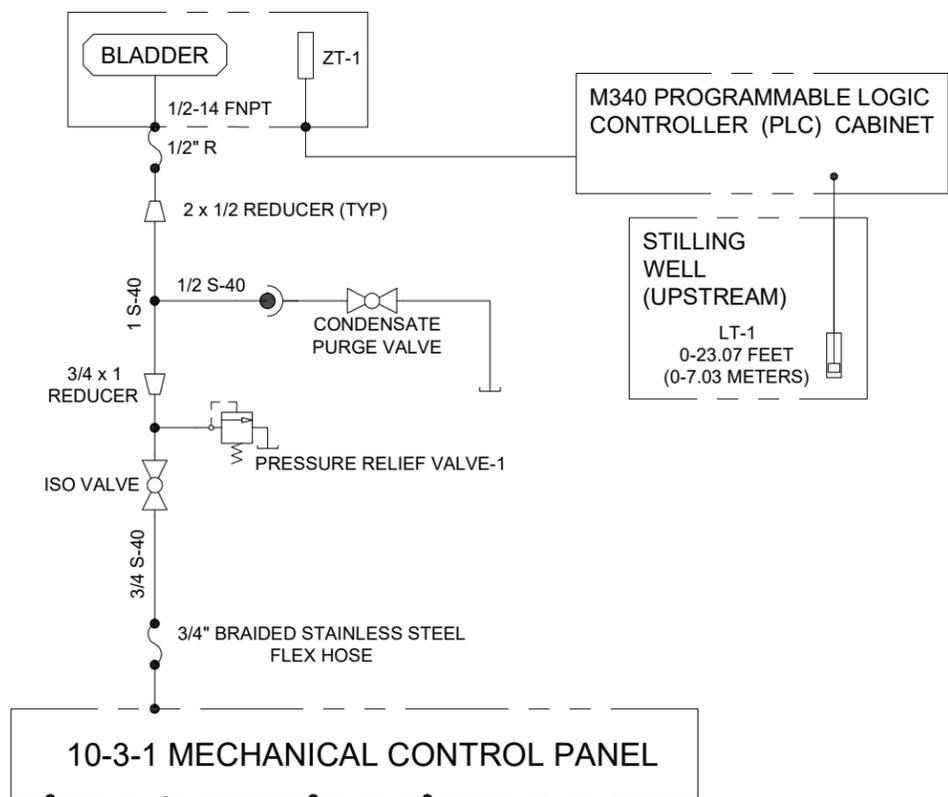
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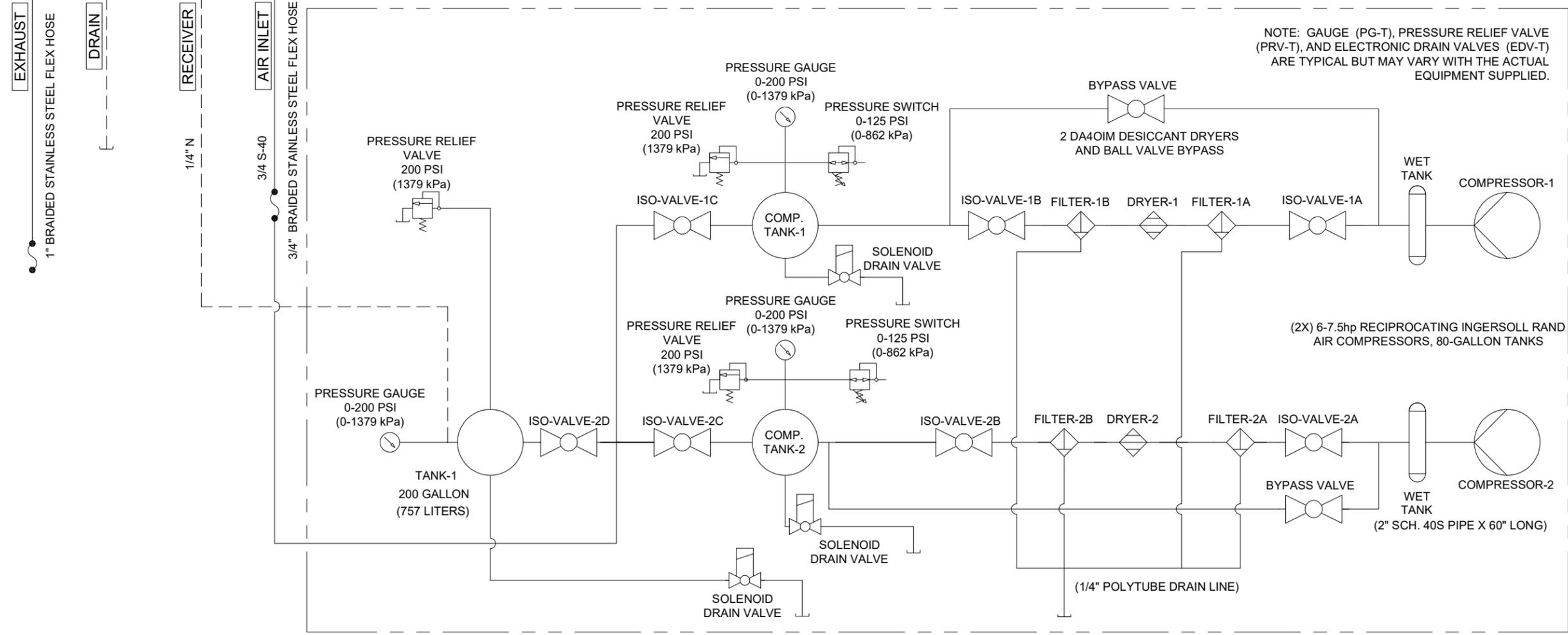
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7									
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NO									



- NOTES: (UNLESS OTHERWISE SPECIFIED)
- 1.) ALL AIR LINES INTO AND OUT OF CABINETS AND PANELS MUST BE BRAIDED STAINLESS STEEL FLEX HOSE FOR A MINIMUM OF 12" (31 cm) FROM THE CABINET.
  - 2.) PRESSURE RELIEF VALVES (PRV-1) MUST HAVE A MINIMUM 3/4" (19 mm) ORIFICE.
  - 3.) CONDENSATE PURGE VALVES (CPV-1) MUST BE LOCATED ON AIR LINE LOW POINT.
  - 4.) WATER LEVEL TRANSDUCER CABLES AND GATE POSITION SENSOR CABLES ARE ROUTED IN CONDUIT AND TERMINATED IN JUNCTION BOXES. CONDUIT AND JUNCTION BOXES ARE PROVIDED BY OTHERS. OBERMEYER HYDRO, INC. WILL SUPPLY LT-1, ZT-1 WITH CABLE TO THE NEAREST JUNCTION BOX (TOTAL SUPPLIED CABLE LENGTH NOT TO EXCEED 50 FEET (15 M) FOR EACH TRANSDUCER OR SENSOR).



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**HYDRO, INC.**

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**DRAWING DESCRIPTION**  
 MECHANICAL CONTROL SCHEMATIC

SHEETS	SCALE
1 OF 1	NO SCALE
JOB	SMITH FALLS
DWG. NO.	24-2822-500-1

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**ADDENDUM 3 - ATTACHMENT B**

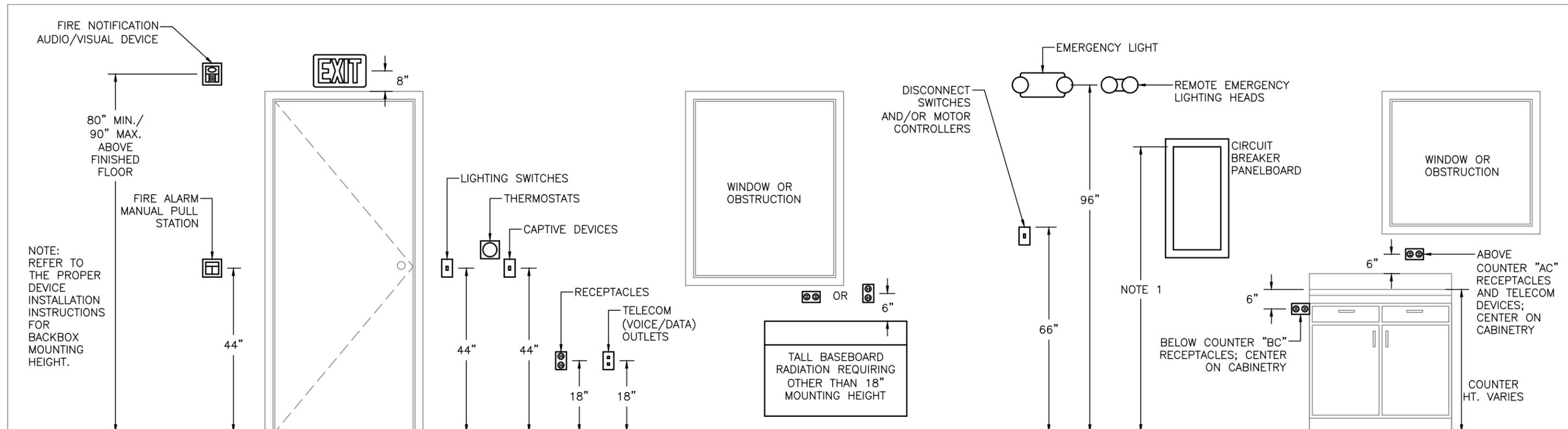
**ELECTRICAL MOUNTING HEIGHTS DETAIL**

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TOWN OF STOWE ELECTRIC DEPARTMENT  
REQUEST FOR BIDS – SMITH'S FALLS HYDROELECTRIC PROJECT





## ELECTRICAL MOUNTING HEIGHTS DETAIL

NOT TO SCALE

### NOTES:

1. PANELBOARDS TO BE GENERALLY MOUNTED 72" TO TOP, AND NEVER HIGHER THAN 69" TO THE HIGHEST CIRCUIT BREAKER.
2. THE INDICATED MOUNTING HEIGHTS SHALL APPLY TO ALL DEVICES UNLESS NOTED OTHERWISE ON PLANS. ALL NOTED DIMENSIONS ARE TO THE CENTERLINE OF THE DEVICE FROM THE FINISHED FLOOR.
3. WHERE EXISTING OR SPECIAL CONDITIONS PREVENT THE INSTALLATION OF DEVICES AT THE ABOVE HEIGHTS, VERIFY HEIGHTS ON SITE WITH ARCHITECT AND/OR ENGINEER.
4. ALL DEVICES IN FINISHED AREAS SHALL BE INSTALLED IN FLUSH DEVICE BOXES. NO SURFACE BOXES SHALL BE ALLOWED UNLESS OTHERWISE NOTED.
5. ELECTRICAL CONTRACTOR SHALL VERIFY COUNTER MOUNTING HEIGHTS BACKSPLASH WITH GENERAL CONTRACTOR OR CONSTRUCTION MANGER.