

**MAINE TURNPIKE AUTHORITY**

**ADDENDUM NO. 1**

**CONTRACT 2018.14**

**KENNEBUNK AND GRAY  
MAINTENANCE GARAGE EXTENSIONS**

**NEW HEATING SYSTEM  
CROSBY MAINTENANCE FACILITY**

The new bid opening date is Tuesday 4/24/18 at 10am.

**GENERAL**

All questions regarding Contract 2018.14 shall be submitted in writing by April 19, 2018 at 12 pm. Questions received after that time may not be answered.

**SPECIAL PROVISIONS**

SP-11, Special Provision Section 815.01 Description, 2<sup>nd</sup> sentence, the words, “concealed fastener”, is deleted and replaced with “mechanically fastened via seaming machine”.

SP-52 Special Provision Section 07610 – PART 1 – GENERAL – 1.1 Summary, 1<sup>st</sup> sentence, the words, “concealed fastener”, is deleted and replaced with “mechanically fastened via seaming machine”.

**PLANS**

Plan Sheet S2, S3, S4, S6, S11, S12 are replaced in their entirety with the attached corresponding plan sheets.

**QUESTIONS**

The following are questions asked at the pre-bid meeting held on April 9, 2018, site visits on April 9, 2018, or submitted to the Maine Turnpike Authority in writing. Answers to the questions are noted. Bidders shall utilize this information in preparing their bid.

Question 1: Will the Contractor be required to do any saw cutting of pavement and patching of pavement at the rear of the Kennebunk buildings?

Answer: Yes, saw cut will be required to remove the existing pavement to make room for the slab extension and 5-foot extension of borrow and crushed stone. Pavement patching will not be required unless damage is caused by the contractor.

Question 2: Please clarify pavement cut limits?

Answer: Pavement cut limits shall be at 20-foot offset to the rear of the existing building and 5-foot offset to the side of the existing building to accommodate the new slab and 5 feet of borrow and crushed stone drip edge. See sheet 10.

Question 3: Please clarify where the ceiling spray insulation terminates and the blown in insulation begins?

Answer: Blown-in insulation shall be installed in the existing attic space. Spray foam insulation shall be installed in new walls and roof.

Question 4: What are the siding and roofing limits?

Answer: The entire existing building shall have the siding removed and existing building with addition shall have new siding installed, and the entire existing shingled roof shall be removed and the existing building and addition shall have new metal roofing installed.

Question 5: Which permits are the Contractor responsible for?

Answer: Contractor is responsible for state permits (electrical and plumbing). MTA is responsible for local/town permits. The Contractor shall coordinate with the resident prior to applying for any permits.

Question 6: What are we doing for a partition between bathroom and new space behind where air compressor will be placed in Kennebunk Garage #1?

Answer: Leave existing exterior wall, remove exterior siding and replace with painted plywood to match new wall.

Question 7: Will the Contractor be required to replace impact protection angles at garage doors?

Answer: Yes, remove existing and replace with L 1/4x3x4x5'-0" long galvanized angles to be painted yellow.

Question 8: Will the Contractor be required to replace brushed weather stripping along the three sides of the overhead door?

Answer: Yes, all brush weather stripping will need to be removed to replace existing trim boards and existing weather stripping shall be replaced with similar weather stripping.

Question 9: What utility lines are to be maintained on the new backwall?

Answer: There are 2" water lines in both of the Kennebunk Garages that shall be relocated to the structural LVL.

Question 10: The conduits running across the back of the Gray Garage for the radio antenna (Highway Advisory Radio - HAR), do those need to be maintained/relocated?

Answer: The conduits powering the Highway Advisory Radio needs to be relocated, the HAR can be shut down for a two-week period of time for the relocation process, contractor shall coordinate with resident and submit a relocation plan for review before shutting down the radio.

Question 11: Will the wiring for existing air compressor be relocated?

Answer: No, the new air compressor shall have new wiring, the contractor may intercept and reuse the existing feed wiring for the existing compressor.

Question 12: Will the outside outlet receptacles at the Kennebunk Garages be relocated?

Answer: Yes, the existing exterior outlets on the back of the Kennebunk garages shall be relocated to the exterior of the new back wall.

Question 13: Is the Contractor responsible for cleaning and disposing of the contents of the oil/water separator tanks before it is removed?

Answer: No, the MTA will have the tanks pumped prior to the contractor starting work.

Question 14: The roofing specification calls for concealed fasteners and a water tight system, the concealed fasteners are not part of a water tight system and the standing seam will need to be mechanically sealed for a water tight warranty.

Answer: See SPECIAL PROVISIONS within this addendum.

## **ATTACHMENTS**

- Pre-Bid Agenda (2)
- Pre-Bid Sign-In Sheets (1)
- Plans (6)

**Notes:** The above items shall be considered as part of the bid submittal.

The total number of pages included with this addendum is Thirteen (13).

All bidders are requested to acknowledge the receipt of the Addendum No. 1 by signing below and faxing this sheet to Nathaniel Carll, Purchasing Department, Maine Turnpike Authority at 207-871-7739. Bidders are also required to acknowledge receipt of this Addendum No. 1 on Page P-3 of the bid package.

---

Business Name

---

Print Name and Title

---

Signature

---

Date

April 17, 2018

Very truly yours,

MAINE TURNPIKE AUTHORITY

---

Nathaniel Carll  
Purchasing Manager  
Maine Turnpike Authority

**MAINE TURNPIKE AUTHORITY**

Pre-Bid Conference

CONTRACT 2018.14

MAINTENANCE GARAGE EXTENSIONS

KENNEBUNK AND GRAY

MAINTENANCE FACILITIES

NEW HEATING SYSTEM

CROSBY MAINTENANCE FACILITY

April 9, 2018 10:00 AM

1. Location:

The general limits of work are the two Kennebunk 8 Bay Maintenance Garages in the Kennebunk Maintenance Facility adjacent to Exit 25 Interchange; the one Gray 8 Bay Maintenance Garage in the Gray Maintenance Facility adjacent to the Exit 63 Interchange; and the Crosby 8 Bay Maintenance Garage in the Crosby Maintenance Facility south of the Exit 46 Interchange.

2. General Description:

The work consists of extending and rehabilitating two maintenance garages in Kennebunk and one in Gray. The work at each garage includes temporarily supporting the backwall, removing the wall, constructing an extension of the building, replacing the existing siding with metal siding, replacing the existing roofing with metal roofing, installing electrical conduits on the new wall, installing lighting to improve visibility and accommodate the new space, adding unit heaters and transporting existing furnaces to Cumberland Sign Shop, installing ceiling fans and all other work incidental thereto in accordance with the Plans and Specifications. The work shall also include installing a new heating units and ducts at the Crosby Maintenance Building in South Portland, removing the existing furnace and concrete furnace base at the Crosby Maintenance Building will not be part of this contract.

3. Bid:

- a) Opening: April 19, 2018 at 11:00 A.M. at MTA Headquarters 2360 Congress Street, Portland
- b) All bid and contractual questions shall be directed to Mr. Nate Carll. Phone No. (207) 871-7771, Ext. 115.
- c) All questions on plans and specifications shall be in writing and shall be directed to Nate Carll, Purchasing Manager, of the Maine Turnpike Authority. E-mail - NCarll@maineturnpike.com.

4. Notification:

- a) Contractor shall notify and obtain approval from the Authority prior to visiting the Project site for any additional field inspection. The contact person is Mr. Steve Tartre at (207) 871-7771, ext. 144.

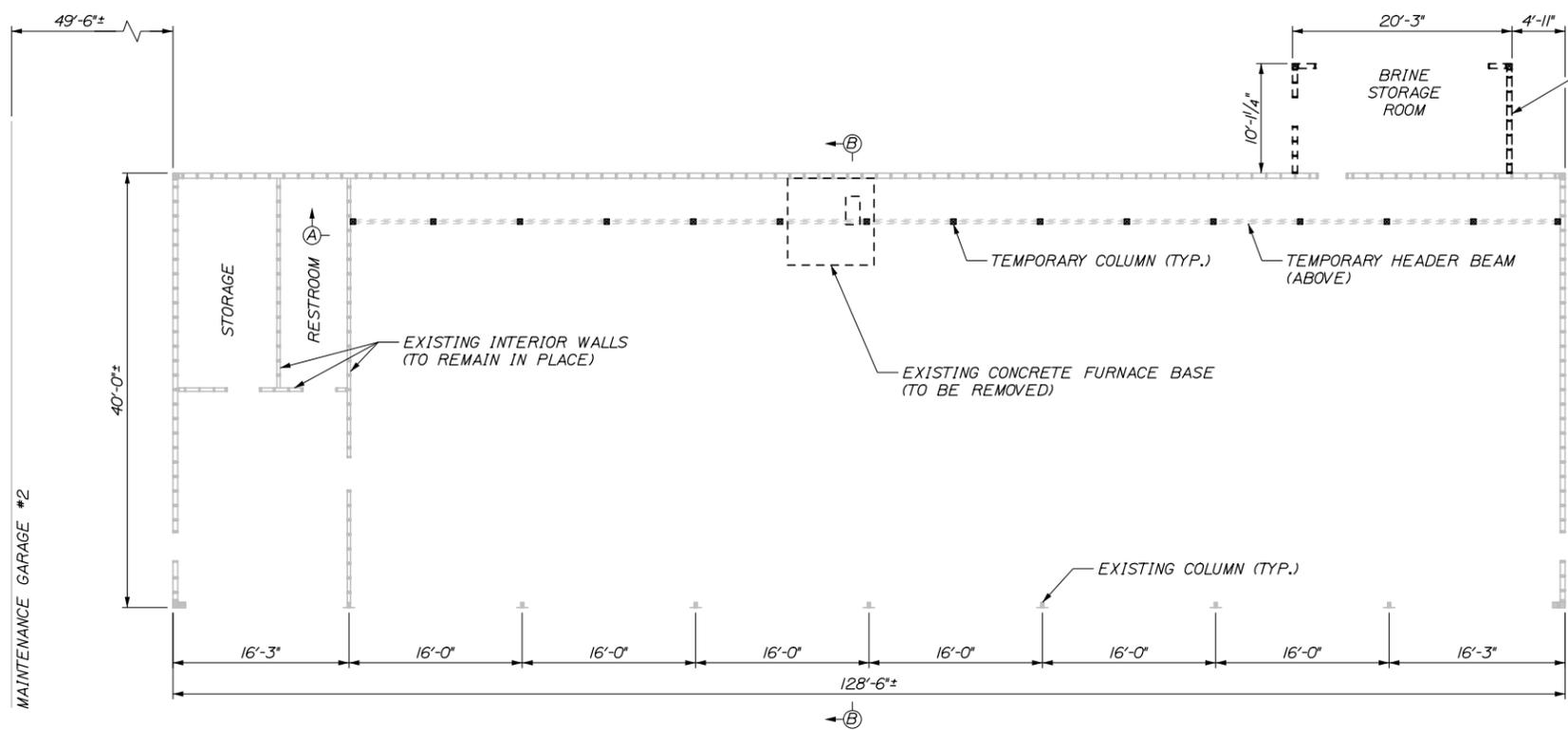
5. Construction Schedule/Prosecution of Work:

- a) April 26, 2017 – Contract Award Date

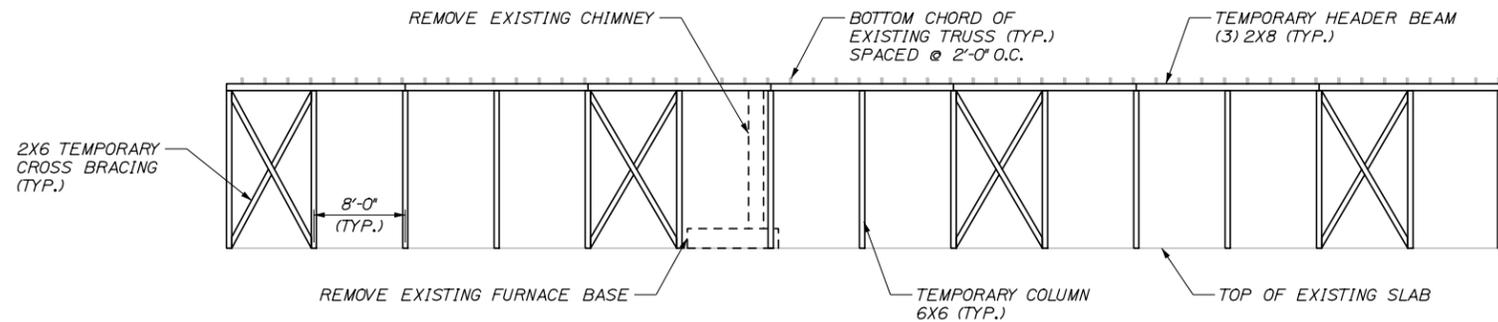
- b) October 31, 2018 – Substantial Completion
- c) November 15, 2018– Contract Completion Date
- 6. Maine Department of Labor – Fair Hourly Wages (Special Provision 104.3.8)
  - a) Contract includes Building Construction wage rates
- 7. Response to Damage Claims (Supplemental Specification 104.3.11):
  - a) Contractor responsible for responding to all damage claims, in writing, within 30 days.
- 8. Utilities
  - a) Contractor is responsible for all utility location.
- 9. Permit Requirements (Supplemental Specification 105.8.2)
  - a) Contractor shall obtain all needed STATE building permits (electrical and plumbing)
- 10. General Safety Requirements
  - a) Contractor to submit a copy of an acceptable Contractor’s Safety Plan.
  - b) Class 3 safety vests must be worn at all times.
- 11. Specific Contract Items
  - a) Section 815 - Buildings
    - i) No As-built plans provided. Geometry, roof pitch, and dimensions shall be verified in field by Contractor. If conflict between the plans and the field conditions are present the Contractor shall notify the Resident before continuing work.
    - ii) Gray Maintenance Building: Remove existing oil separator manholes and replace with single separator tank.
    - iii) Kennebunk Maintenance Building 1: Brine tank storage room needs to be demolished. Demolition shall be done in a such a manner to not damage the existing building framing to remain. The brine tank storage room slab on grade shall be removed as part of demolition. All demolition is incidental to the buildings pay item.
    - iv) The blow in insulation limits for the 2 Kennebunk Buildings and the one Gray building are the existing ceiling. The spray foam insulation limits are the new wall and new ceiling.
    - v) One gable vent fan required at each end of the 2 Kennebunk and one Gray Maintenance Buildings.
    - vi) Pavement behind the maintenance buildings at Kennebunk and Gray shall be saw cut at excavation limit. If pavement is damaged beyond the 20-foot offset shown in the Contract Plans, it shall be patched as directed by the Resident.
- 12. Site Visit:
  - a) Site visits are scheduled for today, April 9, 2018 from 12:30 PM to 1:30 PM in Kennebunk and from 2:00 PM to 3:00 PM in Gray.
- 13. Questions:



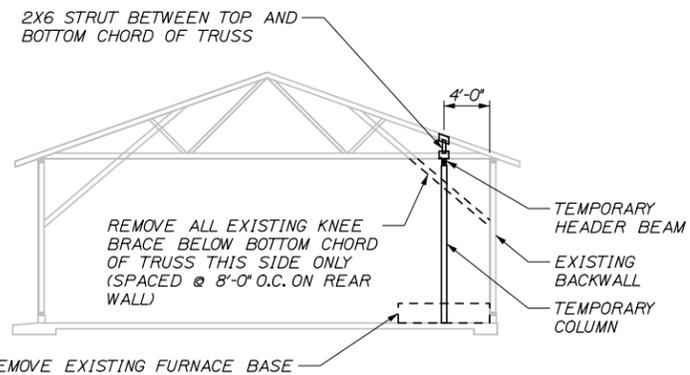
Date: 4/10/2018



EXISTING FRAMING PLAN AND TEMPORARY SUPPORT PLAN VIEW  
SCALE: 1/8" = 1'-0"



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



SECTION B-B  
SCALE: 1/8" = 1'-0"  
EXISTING CHIMNEY NOT SHOWN FOR CLARITY

**GENERAL PROCEDURE**

1. REMOVE SHEATHING ON WALLS AND BELOW TRUSS TO ALLOW ACCESS TO STRUCTURAL COMPONENTS. ALL SHEATHING TO BE REMOVED TO ACCESS THE WORK SHALL BE REMOVED CAREFULLY AS TO PREVENT DAMAGE TO THE SHEATHING. SHEATHING ON THE EXISTING WALLS TO REMAIN SHALL THEN BE STORED IN A SUITABLE LOCATION AND REINSTALLED USING WOOD SCREWS. ANY SHEATHING LOST OR DAMAGED DURING STORAGE TO BE REINSTALLED SHALL BE REPLACED IN KIND WITH NEW MATERIAL AT NO ADDITIONAL COST TO THE AUTHORITY.
2. REMOVE EXISTING CHIMNEY, CONCRETE FURNACE BASE, FURNACE, AND DUCT WORK.
3. LOCATE EXISTING STUDS IN BACK WALL AND INSTALL TEMPORARY COLUMNS OFFSET TO STUDS ACCORDING TO THE DETAILS ON THE STRUCTURAL PLANS. REMOVE EXISTING KNEE BRACE TO THE BOTTOM OF THE TRUSS AT LOCATIONS SHOWN ON THE STRUCTURAL PLANS. CEILING SHEATHING SHALL BE PATCHED AT REMOVED KNEE BRACE LOCATIONS.
4. INSTALL TEMPORARY HEADER BEAM TIGHTLY BENEATH EXISTING TRUSSES. INSTALL TEMPORARY STRUTS BETWEEN BOTTOM AND TOP CHORDS OF THE EXISTING TRUSS AS SHOWN ON THE STRUCTURAL PLANS. ALL MODIFICATION WORK COMPLETED WHILE THE TEMPORARY SUPPORT IS IN PLACE SHALL BE COMPLETED WITH ONLY STRUCTURAL DEAD LOAD ON THE ROOF. DO NOT PERFORM THIS WORK WHEN THE ROOF IS SUBJECT TO SNOW OR LIVE LOAD CONDITIONS.
5. REMOVE EXISTING BACKWALL, CURB AND PORTION OF THE ROOF AS SHOWN IN THE STRUCTURAL PLANS TO CONSTRUCT GARAGE EXPANSION. PORTIONS OF THE BACK WALL, CURB, AND ROOF THAT ARE REMOVED SHALL BE DISPOSED OF IN ACCORDANCE WITH THE SPECIFICATIONS.
6. LAYOUT AND PLACE NEW CONCRETE SLAB-ON-GRADE AND CURB TO MATCH EXISTING FLOOR. SLOPE NEW FLOOR TO MATCH EXISTING DRAINAGE.
7. INSTALL NEW COLUMNS AND HEADER BEAMS ACCORDING TO THE DETAILS IN THE STRUCTURAL PLANS. PAINT NEW COLUMNS SAFETY ORANGE TO A HEIGHT OF 8' TO ENHANCE VISIBILITY.
8. CONSTRUCT NEW BACKWALL AND ROOF. TIE INTO AND MATCH EXISTING WALL CONSTRUCTION AND ROOF PITCH.
9. REMOVE TEMPORARY SUPPORT.
10. REMOVE ALL EXISTING SHINGLES. INSPECT ROOF SHEATHING, REPLACE ANY ROTTED SHEATHING OR DAMAGED WATERPROOFING. INSTALL NEW PREFORMED METAL ROOFING ON EXISTING AND NEW ROOF. NEW UNDERLAYMENT SHALL BE INSTALLED AT ALL LOCATIONS IN ACCORDANCE WITH THE SPECIFICATIONS.
11. REMOVE ALL EXISTING SIDING, INSPECT WALL SHEATHING, REPLACE ANY ROTTED SHEATHING. REPLACEMENT OF ROTTED SHEATHING SHALL BE INCIDENTAL TO BUILDING PAY ITEM. INSTALL NEW PREFORMED METAL SIDING ON EXISTING AND NEW WALLS.
12. INSTALL ELECTRICAL CONDUITS AND LED LIGHTS AT LOCATIONS AS DESCRIBED IN THE ELECTRICAL SPECIFICATIONS.
13. INSTALL NEW FURNACE UNITS AND DUCT WORK AS SHOWN ON THE MECHANICAL PLANS AND INSTALL DIRECT VENT OUT THE PROPOSED BACKWALL.

**NOTES:**

1. SEE SHEET S8 FOR TEMPORARY COLUMN AND HEADER DETAILS.

Scale:		Designed by:	
No.	Revision	By	Date
1	NOTE/ANNOTATION	BRG	4/18

<b>HNTB</b>			
CONSULTANT PROJECT MANAGER: BRUCE MUNGER, PE			
Designed	By	Date	Checked
	BRG	11\17	RBM
Drawn	By	Date	In Charge of
	ERB	11\17	RAL

HNTB CORPORATION  
340 County Road, Suite 6-C  
Westbrook, ME 04092  
TEL (207) 774-5155  
FAX (207) 228-0909

THE GOLD STAR  
MEMORIAL HIGHWAY

MTA PROJECT MANAGER: BRIAN TADDEO, PE

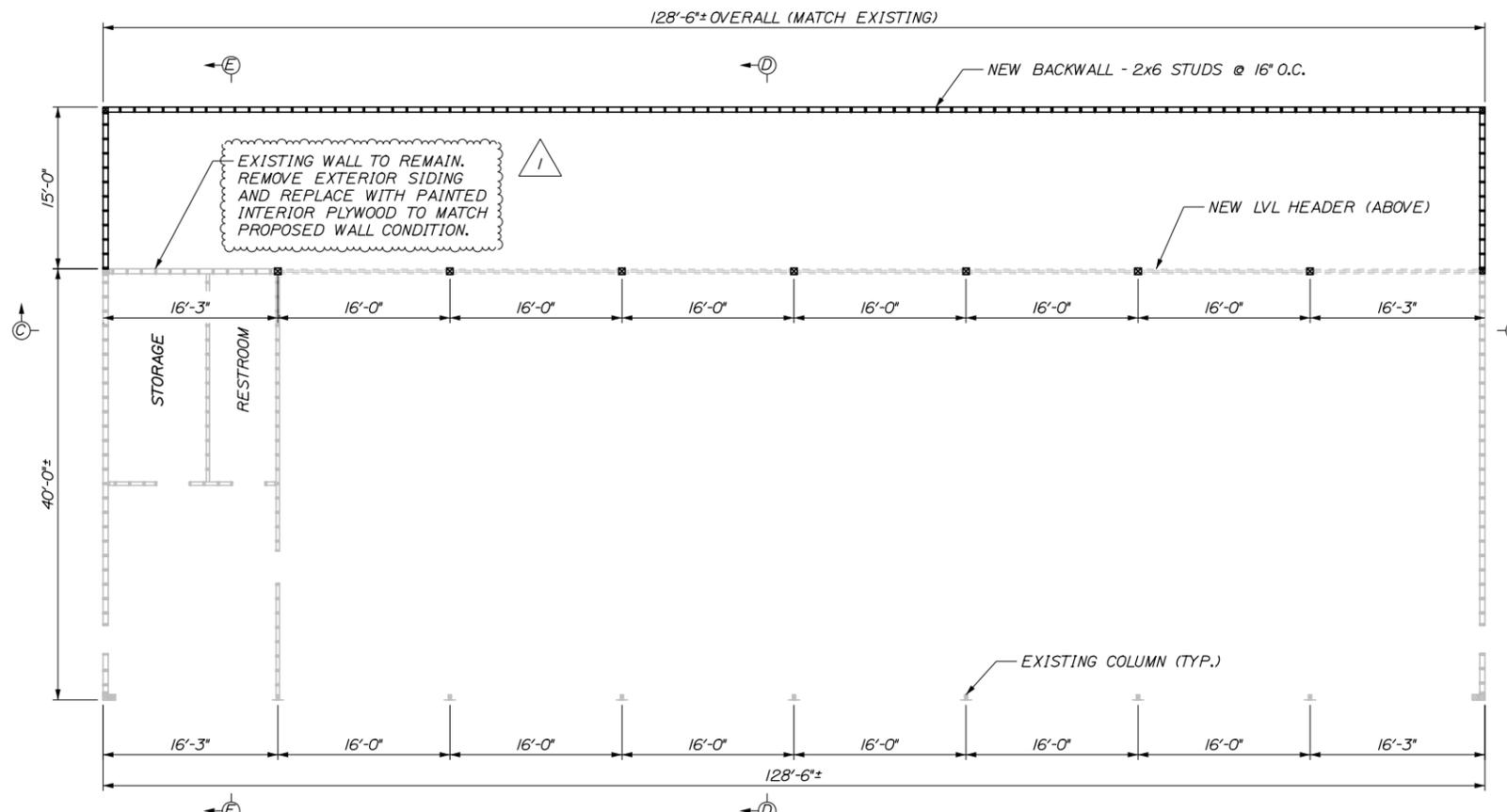
MAINTENANCE GARAGE EXTENSIONS

TEMPORARY SUPPORT DETAILS  
(KENNEBUNK #1)

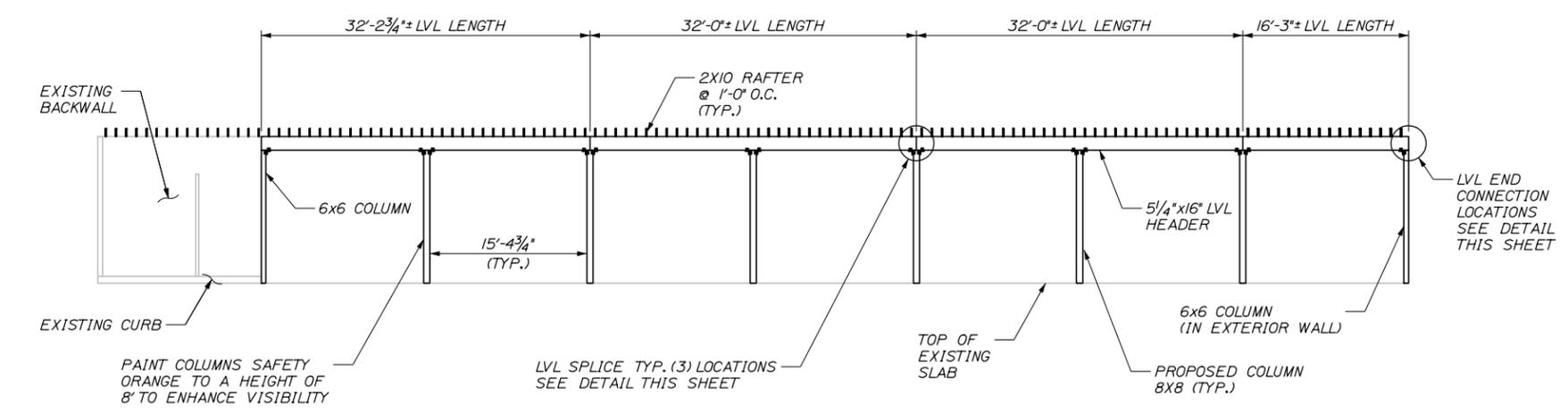
SHEET NUMBER: S2  
CONTRACT: 2018.14

Filename: 003\_Temp\_Support\_Details\_Kem\_1.dgn

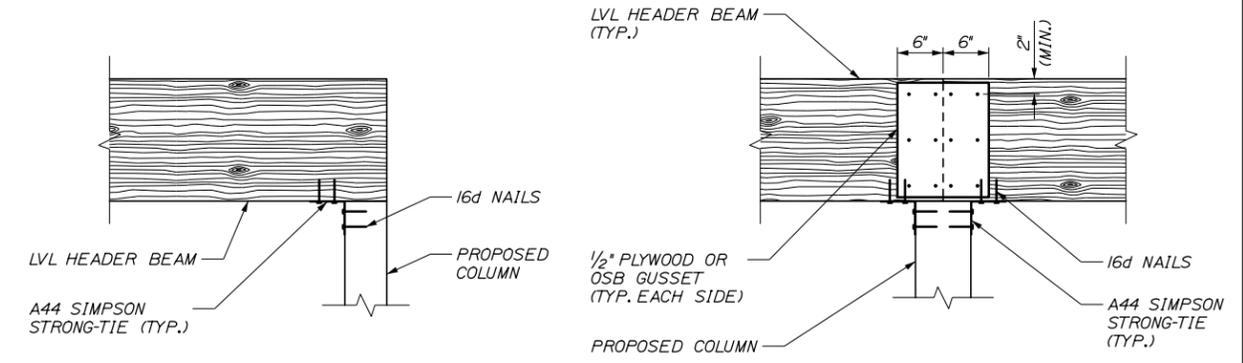
Date: 4/10/2018



**PROPOSED FRAMING PLAN VIEW**  
SCALE: 1/8" = 1'-0"

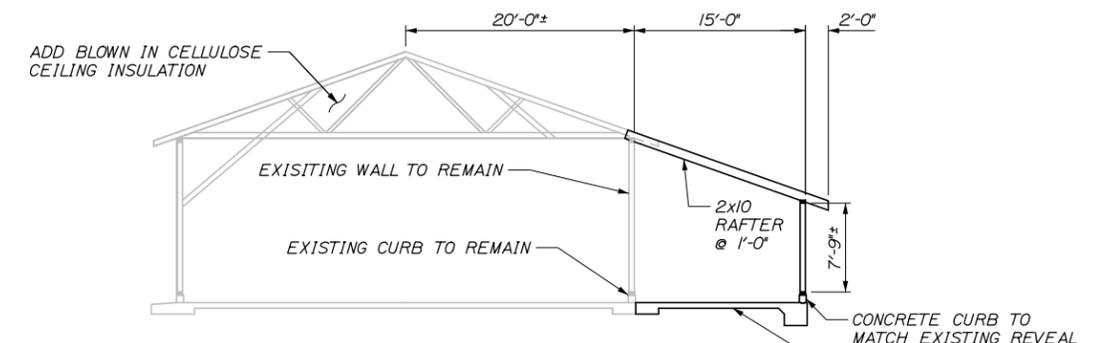


**SECTION C-C**  
SCALE: 1/8" = 1'-0"  
TOP CHORD OF TRUSS NOT SHOWN FOR CLARITY

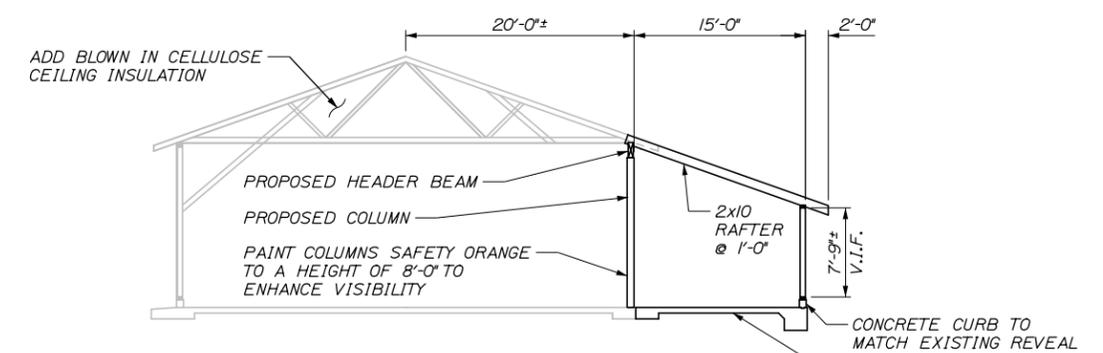


**LVL HEADER BEAM END CONNECTION**  
SCALE: 1" = 1'-0"

**LVL HEADER BEAM SPLICE**  
SCALE: 1" = 1'-0"



**SECTION E-E**  
SCALE: 1/8" = 1'-0"  
SHEATHING NOT SHOWN FOR CLARITY



**SECTION D-D**  
SCALE: 1/8" = 1'-0"  
SHEATHING NOT SHOWN FOR CLARITY

- NOTES:**
- SEE SHEET S9 FOR PROPOSED SLAB-ON-GRADE DETAILS.
  - SEE SHEET S10 FOR PROPOSED COLUMN AND HEADER DETAILS.

No.	Revision	By	Date
1	ANNOTATION	BRG	4/18

Designed by:				
CONSULTANT PROJECT MANAGER: BRUCE MUNGER, PE				
Designed	By: BRG	Date: 11\17	Checked: RBM	Date: 11\17
Drawn	By: ERB	Date: 11\17	In Charge of: RAL	Date: 11\17

HNTB CORPORATION  
340 County Road, Suite 6-C  
Westbrook, ME 04092  
TEL (207) 774-5155  
FAX (207) 228-0909

**THE GOLD STAR  
MEMORIAL HIGHWAY**

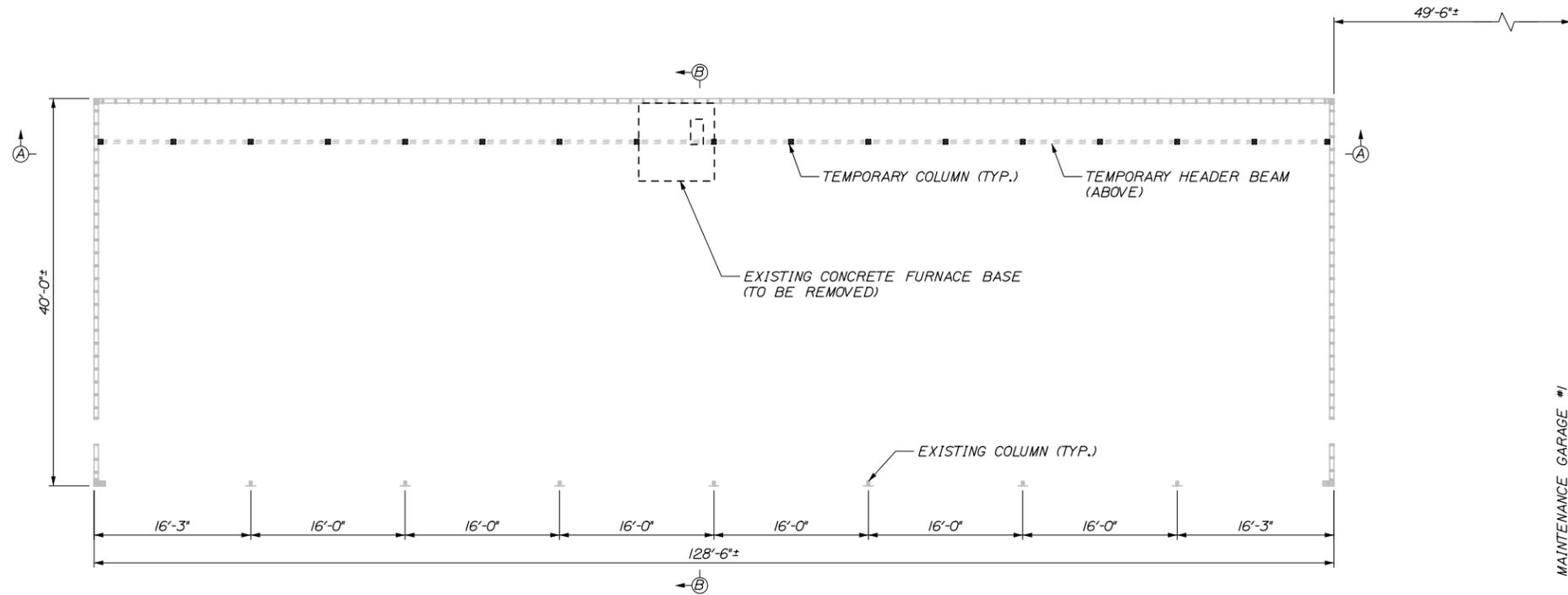
MTA PROJECT MANAGER: BRIAN TADDEO, PE

MAINTENANCE GARAGE EXTENSIONS  
PROPOSED MODIFICATION DETAILS  
(KENNEBUNK #1)

SHEET NUMBER: S3  
CONTRACT: 2018.14  
4 OF 27

Filename: 004\_Proposed Modification Details\_Kenn\_1.dgn

Date: 4/10/2018

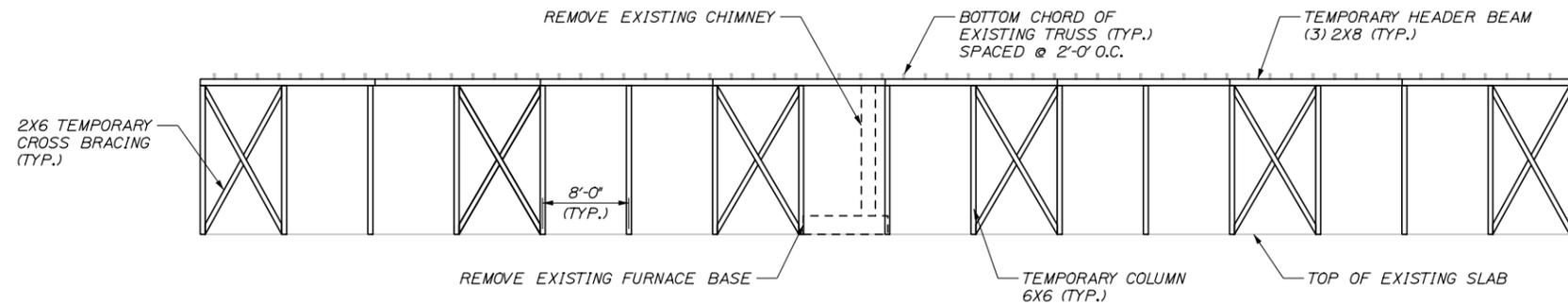


EXISTING FRAMING PLAN AND TEMPORARY SUPPORT PLAN VIEW  
SCALE: 1/8" = 1'-0"

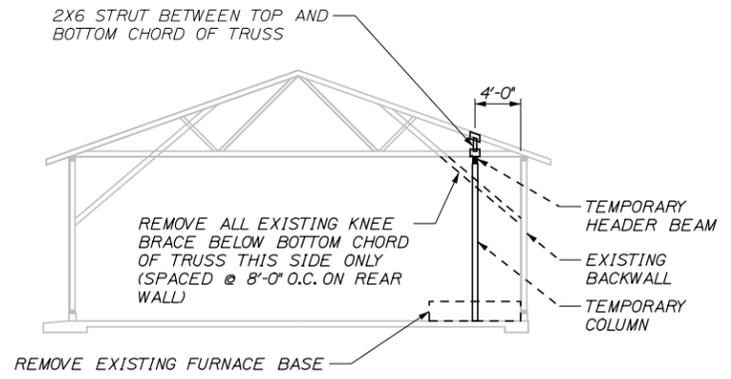
MAINTENANCE GARAGE #1

**GENERAL PROCEDURE**

1. REMOVE SHEATHING ON WALLS AND BELOW TRUSS TO ALLOW ACCESS TO STRUCTURAL COMPONENTS. ALL SHEATHING TO BE REMOVED TO ACCESS THE WORK SHALL BE REMOVED CAREFULLY AS TO PREVENT DAMAGE TO THE SHEATHING. SHEATHING ON THE EXISTING WALLS TO REMAIN SHALL THEN BE STORED IN A SUITABLE LOCATION AND REINSTALLED USING WOOD SCREWS. ANY SHEATHING LOST OR DAMAGED DURING STORAGE TO BE REINSTALLED SHALL BE REPLACED IN KIND WITH NEW MATERIAL AT NO ADDITIONAL COST TO THE AUTHORITY.
2. REMOVE EXISTING CHIMNEY, CONCRETE FURNACE BASE, FURNACE, AND DUCT WORK.
3. LOCATE EXISTING STUDS IN BACK WALL AND INSTALL TEMPORARY COLUMNS OFFSET TO STUDS ACCORDING TO THE DETAILS ON THE STRUCTURAL PLANS. REMOVE EXISTING KNEE BRACE TO THE BOTTOM OF THE TRUSS AT LOCATIONS SHOWN ON THE STRUCTURAL PLANS. CEILING SHEATHING SHALL BE PATCHED AT REMOVED KNEE BRACE LOCATIONS.
4. INSTALL TEMPORARY HEADER BEAM TIGHTLY BENEATH EXISTING TRUSSES. INSTALL TEMPORARY STRUTS BETWEEN BOTTOM AND TOP CHORDS OF THE EXISTING TRUSS AS SHOWN ON THE STRUCTURAL PLANS. ALL MODIFICATION WORK COMPLETED WHILE THE TEMPORARY SUPPORT IS IN PLACE SHALL BE COMPLETED WITH ONLY STRUCTURAL DEAD LOAD ON THE ROOF. DO NOT PERFORM THIS WORK WHEN THE ROOF IS SUBJECT TO SNOW OR LIVE LOAD CONDITIONS.
5. REMOVE EXISTING BACKWALL, CURB AND PORTION OF THE ROOF AS SHOWN IN THE STRUCTURAL PLANS TO CONSTRUCT GARAGE EXPANSION. PORTIONS OF THE BACK WALL, CURB, AND ROOF THAT ARE REMOVED SHALL BE DISPOSED OF IN ACCORDANCE WITH THE SPECIFICATIONS.
6. LAYOUT AND PLACE NEW CONCRETE SLAB-ON-GRADE AND CURB TO MATCH EXISTING FLOOR. SLOPE NEW FLOOR TO MATCH EXISTING DRAINAGE.
7. INSTALL NEW COLUMNS AND HEADER BEAMS ACCORDING TO THE DETAILS IN THE STRUCTURAL PLANS. PAINT NEW COLUMNS SAFETY ORANGE TO A HEIGHT OF 8' TO ENHANCE VISIBILITY.
8. CONSTRUCT NEW BACKWALL AND ROOF. TIE INTO AND MATCH EXISTING WALL CONSTRUCTION AND ROOF PITCH.
9. REMOVE TEMPORARY SUPPORT.
10. REMOVE ALL EXISTING SHINGLES. INSPECT ROOF SHEATHING, REPLACE ANY ROTTED SHEATHING OR DAMAGED WATERPROOFING. INSTALL NEW PREFORMED METAL ROOFING ON EXISTING AND NEW ROOF. NEW UNDERLAYMENT SHALL BE INSTALLED AT ALL LOCATIONS IN ACCORDANCE WITH THE SPECIFICATIONS.
11. REMOVE ALL EXISTING SIDING, INSPECT WALL SHEATHING, REPLACE ANY ROTTED SHEATHING. REPLACEMENT OF ROTTED SHEATHING SHALL BE INCIDENTAL TO BUILDING PAY ITEM. INSTALL NEW PREFORMED METAL SIDING ON EXISTING AND NEW WALLS.
12. INSTALL ELECTRICAL CONDUITS AND LED LIGHTS AT LOCATIONS AS DESCRIBED IN THE ELECTRICAL SPECIFICATIONS.
13. INSTALL NEW FURNACE UNITS AND DUCT WORK AS SHOWN ON THE MECHANICAL PLANS AND INSTALL DIRECT VENT OUT THE PROPOSED BACKWALL.



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



SECTION B-B  
SCALE: 1/8" = 1'-0"  
EXISTING CHIMNEY NOT SHOWN FOR CLARITY

**NOTES:**

1. SEE SHEET S8 FOR TEMPORARY COLUMN AND HEADER DETAILS.

Filename: 005\_Temp\_Support\_Details\_Kenn\_2.dgn

No.	Revision	By	Date
1	NOTE	BRG	4/18

Designed by:		<b>HNTB</b>			
CONSULTANT PROJECT MANAGER: BRUCE MUNGER, PE					
Designed	By	Date	Checked	By	Date
Drawn	ERB	11\17	In Charge of	RAL	11\17

HNTB CORPORATION  
340 County Road, Suite 6-C  
Westbrook, ME 04092  
TEL (207) 774-5155  
FAX (207) 228-0909

**THE GOLD STAR  
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: BRIAN TADDEO, PE

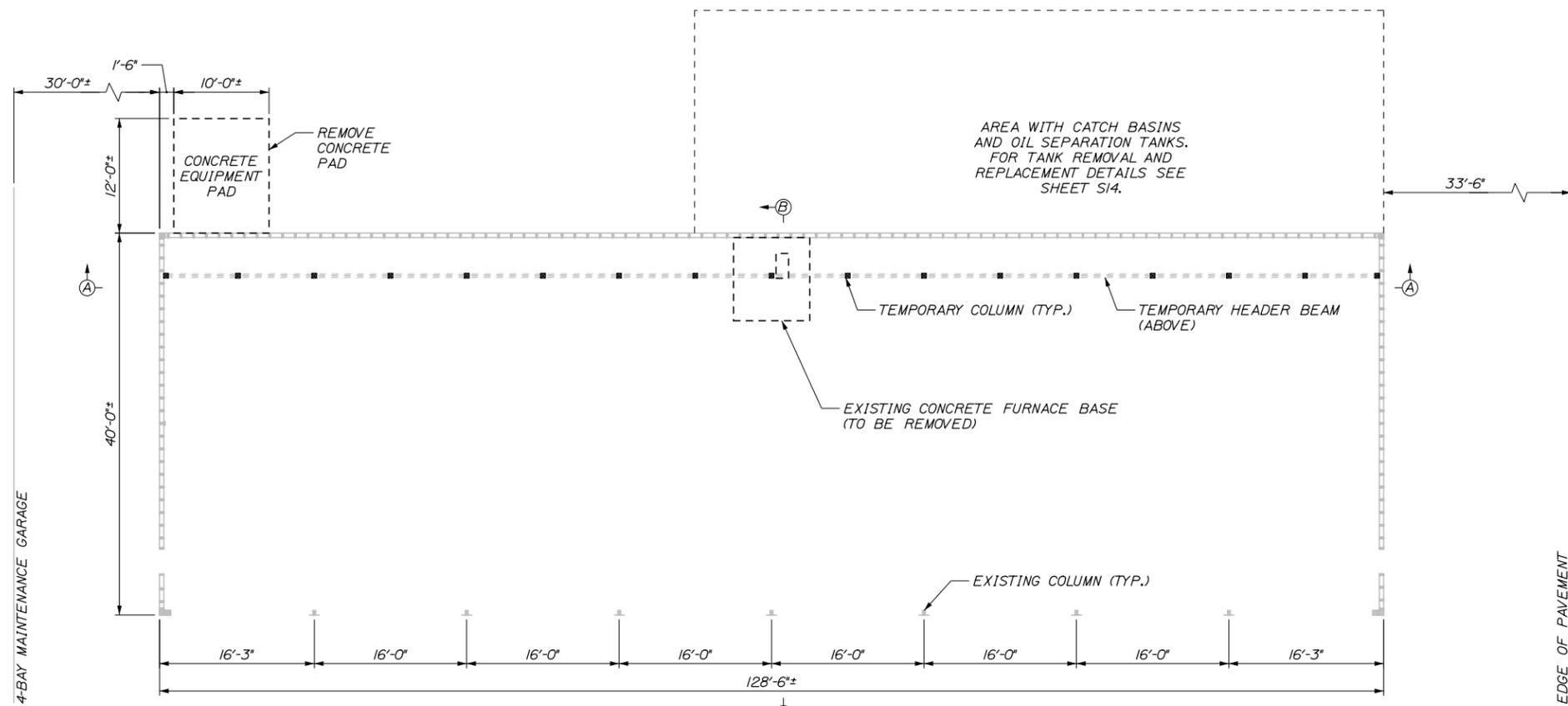
MAINTENANCE GARAGE EXTENSIONS

TEMPORARY SUPPORT DETAILS  
(KENNEBUNK #2)

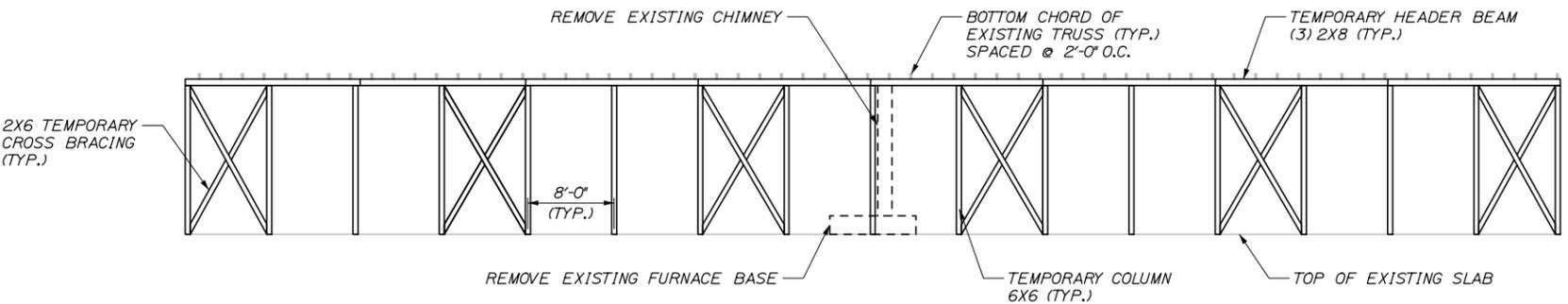
SHEET NUMBER: S4

CONTRACT: 2018.14 5 OF 27

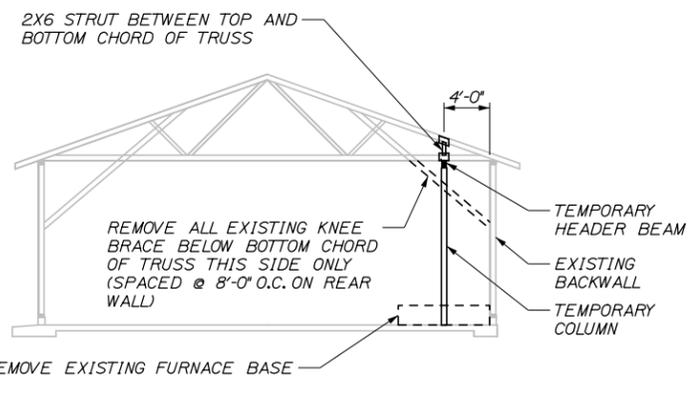
Date: 4/10/2018



EXISTING FRAMING PLAN AND TEMPORARY SUPPORT PLAN VIEW  
SCALE: 1/8" = 1'-0"



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



SECTION B-B  
SCALE: 1/8" = 1'-0"  
EXISTING CHIMNEY NOT SHOWN FOR CLARITY

**GENERAL PROCEDURE**

1. REMOVE SHEATHING ON WALLS AND BELOW TRUSS TO ALLOW ACCESS TO STRUCTURAL COMPONENTS. ALL SHEATHING TO BE REMOVED TO ACCESS THE WORK SHALL BE REMOVED CAREFULLY AS TO PREVENT DAMAGE TO THE SHEATHING. SHEATHING ON THE EXISTING WALLS TO REMAIN SHALL THEN BE STORED IN A SUITABLE LOCATION AND REINSTALLED USING WOOD SCREWS. ANY SHEATHING LOST OR DAMAGED DURING STORAGE TO BE REINSTALLED SHALL BE REPLACED IN KIND WITH NEW MATERIAL AT NO ADDITIONAL COST TO THE AUTHORITY.
2. REMOVE EXISTING CHIMNEY, CONCRETE FURNACE BASE, FURNACE, AND DUCT WORK.
3. LOCATE EXISTING STUDS IN BACK WALL AND INSTALL TEMPORARY COLUMNS OFFSET TO STUDS ACCORDING TO THE DETAILS ON THE STRUCTURAL PLANS. REMOVE EXISTING KNEE BRACE TO THE BOTTOM OF THE TRUSS AT LOCATIONS SHOWN ON THE STRUCTURAL PLANS. CEILING SHEATHING SHALL BE PATCHED AT REMOVED KNEE BRACE LOCATIONS.
4. INSTALL TEMPORARY HEADER BEAM TIGHTLY BENEATH EXISTING TRUSSES. INSTALL TEMPORARY STRUTS BETWEEN BOTTOM AND TOP CHORDS OF THE EXISTING TRUSS AS SHOWN ON THE STRUCTURAL PLANS. ALL MODIFICATION WORK COMPLETED WHILE THE TEMPORARY SUPPORT IS IN PLACE SHALL BE COMPLETED WITH ONLY STRUCTURAL DEAD LOAD ON THE ROOF. DO NOT PERFORM THIS WORK WHEN THE ROOF IS SUBJECT TO SNOW OR LIVE LOAD CONDITIONS.
5. REMOVE EXISTING BACKWALL, CURB AND PORTION OF THE ROOF AS SHOWN IN THE STRUCTURAL PLANS TO CONSTRUCT GARAGE EXPANSION. PORTIONS OF THE BACK WALL, CURB, AND ROOF THAT ARE REMOVED SHALL BE DISPOSED OF IN ACCORDANCE WITH THE SPECIFICATIONS.
6. LAYOUT AND PLACE NEW CONCRETE SLAB-ON-GRADE AND CURB TO MATCH EXISTING FLOOR. SLOPE NEW FLOOR TO MATCH EXISTING DRAINAGE.
7. INSTALL NEW COLUMNS AND HEADER BEAMS ACCORDING TO THE DETAILS IN THE STRUCTURAL PLANS. PAINT NEW COLUMNS SAFETY ORANGE TO A HEIGHT OF 8' TO ENHANCE VISIBILITY.
8. CONSTRUCT NEW BACKWALL AND ROOF. TIE INTO AND MATCH EXISTING WALL CONSTRUCTION AND ROOF PITCH.
9. REMOVE TEMPORARY SUPPORT.
10. REMOVE ALL EXISTING SHINGLES. INSPECT ROOF SHEATHING, REPLACE ANY ROTTED SHEATHING OR DAMAGED WATERPROOFING. INSTALL NEW PREFORMED METAL ROOFING ON EXISTING AND NEW ROOF. NEW UNDERLAYMENT SHALL BE INSTALLED AT ALL LOCATIONS IN ACCORDANCE WITH THE SPECIFICATIONS.
11. REMOVE ALL EXISTING SIDING, INSPECT WALL SHEATHING, REPLACE ANY ROTTED SHEATHING. REPLACEMENT OF ROTTED SHEATHING SHALL BE INCIDENTAL TO BUILDING PAY ITEM. INSTALL NEW PREFORMED METAL SIDING ON EXISTING AND NEW WALLS.
12. INSTALL ELECTRICAL CONDUITS AND LED LIGHTS AT LOCATIONS AS DESCRIBED IN THE ELECTRICAL SPECIFICATIONS.
13. INSTALL NEW FURNACE UNITS AND DUCT WORK AS SHOWN ON THE MECHANICAL PLANS AND INSTALL DIRECT VENT OUT THE PROPOSED BACKWALL.

**NOTES:**  
1. SEE SHEET S8 FOR TEMPORARY COLUMN AND HEADER DETAILS.

No.	Revision	By	Date
1	NOTE	BRG	4/18

Designed by:					
<b>HNTB</b>					
CONSULTANT PROJECT MANAGER: BRUCE MUNGER, PE					
	By	Date	By	Date	
Designed	BRG	11\17	Checked	RBM	11\17
Drawn	ERB	11\17	In Charge of	RAL	11\17

HNTB CORPORATION  
340 County Road, Suite 6-C  
Westbrook, ME 04092  
TEL (207) 774-5155  
FAX (207) 228-0909

**THE GOLD STAR  
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: BRIAN TADDEO, PE

MAINTENANCE GARAGE EXTENSIONS

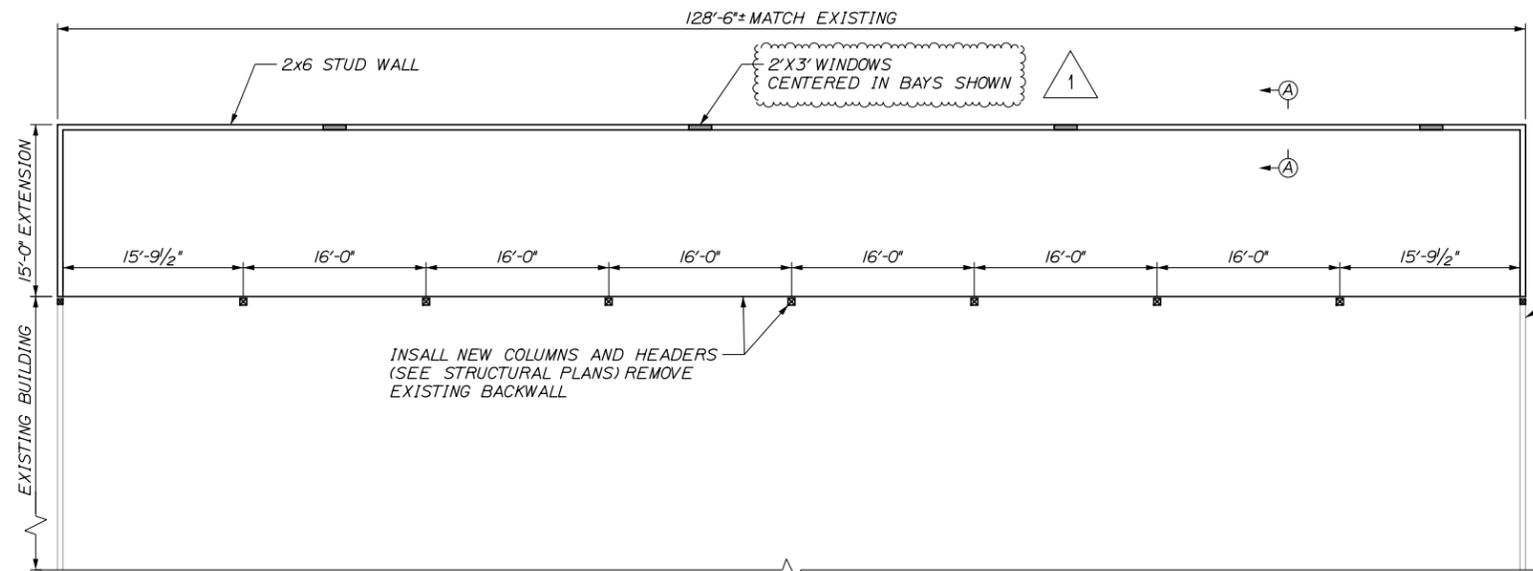
TEMPORARY SUPPORT DETAILS  
(GRAY)

SHEET NUMBER: S6

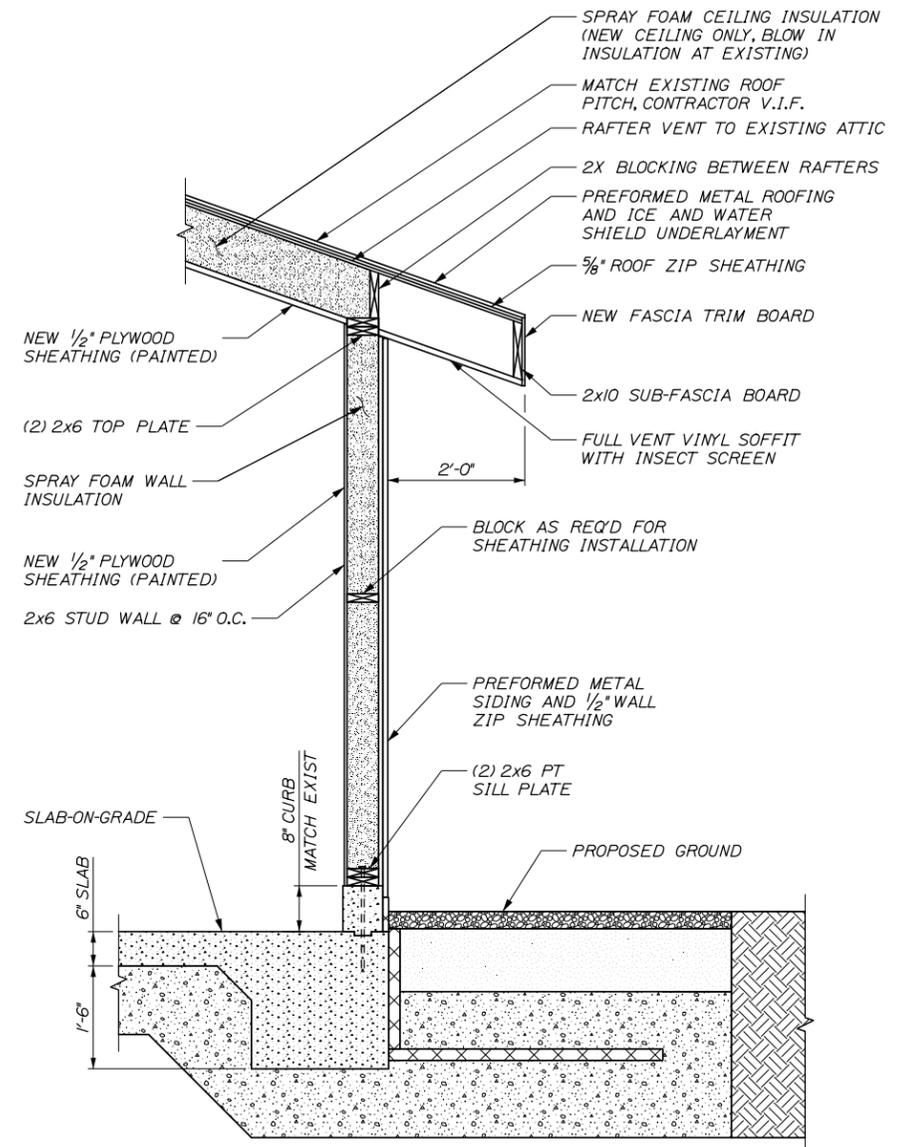
CONTRACT: 2018.14  
7 OF 27

Filename: 007\_Temp\_Support\_Details\_Gray.dgn

Date: 4/10/2018



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



SECTION A-A BUILDING EXTENSION  
SCALE: 3/4" = 1'-0"

**NOTE:**  
1. OVERLAP PROPOSED SHEATHING ONTO EXISTING BUILDING TO AVOID SEAM AT NEW COLUMN LINE. THE SHEATHING JOINTS SHALL BE STAGGERED. THIS APPLIES AT ALL LOCATIONS WHERE PROPOSED WALL ABUTS EXISTING WALL.

Filename: 012\_Building Plans and Details.dgn

No.	Revision	By	Date
1	WINDOW LOCATIONS/ANNOTATION	BRG	4/18

Designed by:					
<b>HNTB</b>					
CONSULTANT PROJECT MANAGER: BRUCE MUNGER, PE					
	By	Date	By	Date	
Designed	BRG	11\17	Checked	RBM	11\17
Drawn	ERB	11\17	In Charge of	RAL	11\17

HNTB CORPORATION  
340 County Road, Suite 6-C  
Westbrook, ME 04092  
TEL (207) 774-5155  
FAX (207) 228-0909

**THE GOLD STAR  
MEMORIAL HIGHWAY**

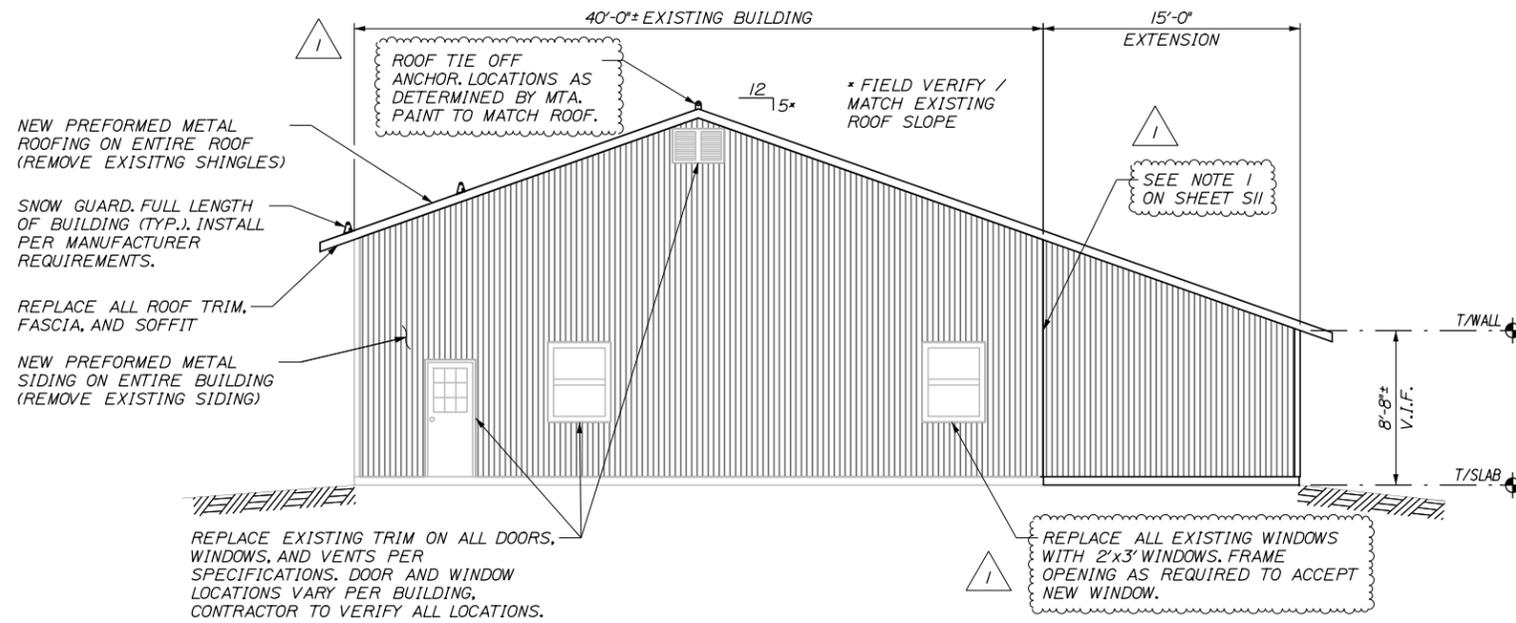
MTA PROJECT MANAGER: BRIAN TADDEO, PE

MAINTENANCE GARAGE EXTENSIONS

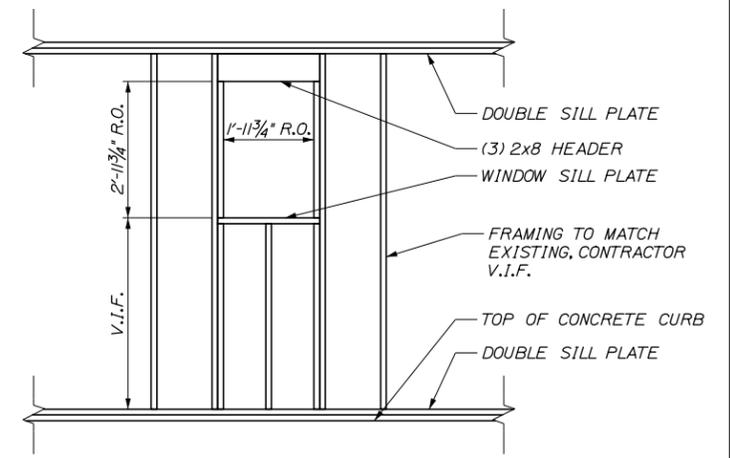
BUILDING PLAN AND SECTION

SHEET NUMBER: S11  
CONTRACT: 2018.14  
12 OF 27

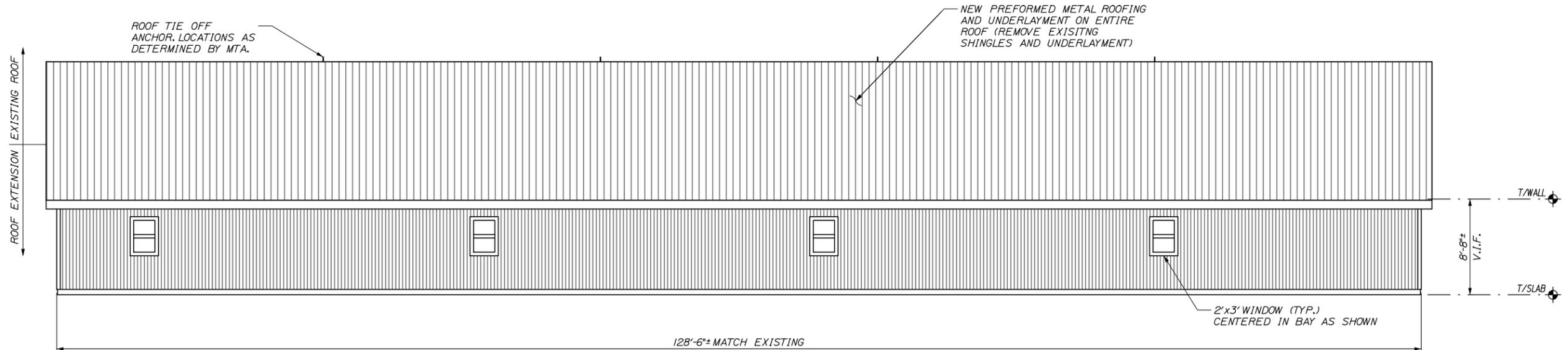
Date: 4/10/2018



**SIDE ELEVATION**  
SCALE: 3/16" = 1'-0"



**WINDOW FRAMING DETAIL**  
SCALE: 1/2" = 1'-0"



**REAR ELEVATION**  
SCALE: 3/16" = 1'-0"

Filename: 013\_Building Elevations.dgn

No.		Revision		By	Date
1		NOTES/ANNOTATION		BRG	4/18

Designed by:					
<b>HNTB</b>					
CONSULTANT PROJECT MANAGER: BRUCE MUNGER, PE					
	By	Date	By	Date	
Designed	BRG	11\17	Checked	RBM	11\17
Drawn	ERB	11\17	In Charge of	RAL	11\17

HNTB CORPORATION  
340 County Road, Suite 6-C  
Westbrook, ME 04092  
TEL (207) 774-5155  
FAX (207) 228-0909

**THE GOLD STAR  
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: BRIAN TADDEO, PE

MAINTENANCE GARAGE EXTENSIONS

BUILDING ELEVATIONS

SHEET NUMBER: S12

CONTRACT: 2018.14

13 OF 27