

July 9, 2019

New Hampshire Division of Historical Resources
c/o Nadine Miller
19 Pillsbury Street
Concord, NH 03301

Re: Seacoast Reliability Project (RPR #6528) Cable House Relocation Methodology

Dear Ms. Miller-

The following memorandum, requested by the New Hampshire Division of Historical Resources on June 7, 2019, outlines specific methods by which the Durham Cable Terminal House of the Little Bay Underwater Cable Terminal Houses Historic District will be relocated during and after project construction activities. Eversource has retained the services of the Arnold M. Graton Associates, Inc., (AMG) of Holderness, New Hampshire, a firm with extensive experience shoring, rigging and moving historical structures.

Methods

AMG will begin by setting small steel beams along the shore to create a level platform, fit to the terrain, at the base of the cable house. From this platform, AMG can build as needed, to shore up the cable house. Work in this area will be done in accordance with tides and special care will be taken to not disturb shoreline vegetation.

AMG worked closely with Fire Tower Engineered Timber to develop the plans as illustrated in Appendix A. The method involves core drilling two-inch holes through the lower course of the brick foundation, just above the stone, so that horizontal steel rods can pass through the structure. Some minimal repointing of brick may be required at this time before drilling can be done. Corner boards and three metal bands will be installed as an inner collar to help support the joint between the older and the more recent sections. A few bricks will be carefully removed on the inside center wall to allow for the inner collar.

Eight two-inch holes will then be drilled through the roof, to be re-filled later, for the rods from the inner collar to the frame above. Sleeves and rods inserted at 8" on center with rods up to the inner and outer collars (these collars will not make contact with brick walls). The vertical rods run up through the H beams into the steel plates that cross the top. A three-inch fire hose filled 90% with water, but not pressurized, will be installed around the in a continuous loop around both the interior framing and the exterior perimeter of the building. This hose will help maintain equal tension on all horizontal rods.

Once the structure is cradled, the structure will be raised six to eight feet and then moved sideways approximately fifty feet, turning fifteen to twenty degrees. At this point the structure will be placed on a temporary foundation on which it will be supported over the winter. The

structure will be mothballed at this point (vendor to be named). Once weather has improved, a permanent concrete foundation below grade with stone and mortar above grade (facsimile to original foundation) will be constructed on the stable bluff approximately twelve feet west and fifteen feet north of its original location. The cable house will be moved and placed on the new foundation. Once the building is stable in its final location all sleeves, rods, collars, shoring materials used to support structure etc. will be removed.

Rehabilitation work including brick wall repointing, roof repair, etc. will be assessed after the cable house is placed in its permanent location (Summer 2020) and a comprehensive restoration plan will be submitted to the New Hampshire Division of Historical Resources and the United States Army Corps of Engineers for comment. If weather permits, the rehabilitation work will take place in Fall 2020.

A tentative schedule for the cable house relocation is included in Appendix B.

AMG Qualifications

Arnold M. Graton Associates, Inc., has a 60-year history of shoring, rigging and moving historic structures. All moves have been successful. AMG has moved many homes, churches and museums to new locations and has moved several covered bridges off waterways for restoration; all involved extensive shoring and rigging expertise to insure no harm occurred in the structures. AMG has a full inventory of unique tools and shoring materials distinct to the occupation and is well known in this unique field for quality work.

If you have any questions or comments, please feel free to contact me at brooke.kenline-nyman@eversource.com or 603-634-2147.

Sincerely,



Brooke Kenline-Nyman
Cultural Resources Specialist

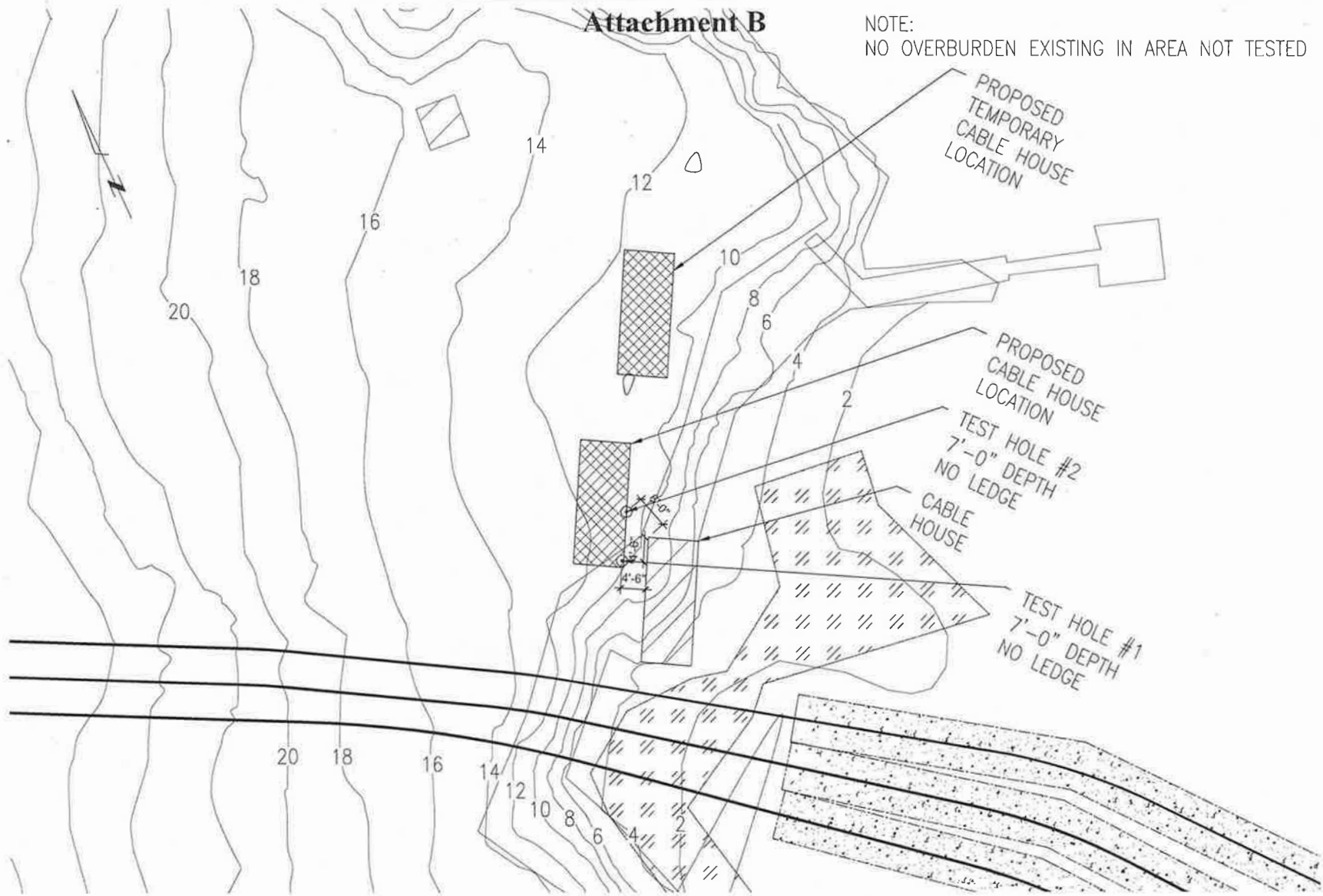
Enclosures: Appendix A – Cable House Move Plans
Appendix B – AMG Tentative Schedule

Cc: Lindsey Lefebvre, USACE
Pamela Monroe, Administrator, SEC
David Trubey, DHR

Appendix A:
Cable House Move Plans

Attachment B

NOTE:
NO OVERBURDEN EXISTING IN AREA NOT TESTED



TOPOGRAPHIC PLAN

SCALE: NOT TO SCALE

STRUCTURAL ENGINEER

47 SAND AVENUE
ANDOVER, MASSACHUSETTS 01810
202-519-5181
CALLAHAN, INC. (PH) 213
NO. 175 (002)

FIRE TOWER
ENGINEERED TIMBER

PROJECT: **CABLE SWITCH HOUSE**
295 DURHAM POINT ROAD, DURHAM, NH
SHEET TITLE: **TOPOGRAPHIC PLAN**

#	REVISION	DATE
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FOR: **REVIEW**

PROJECT NO: **170417**

DRAWN: **MNG**

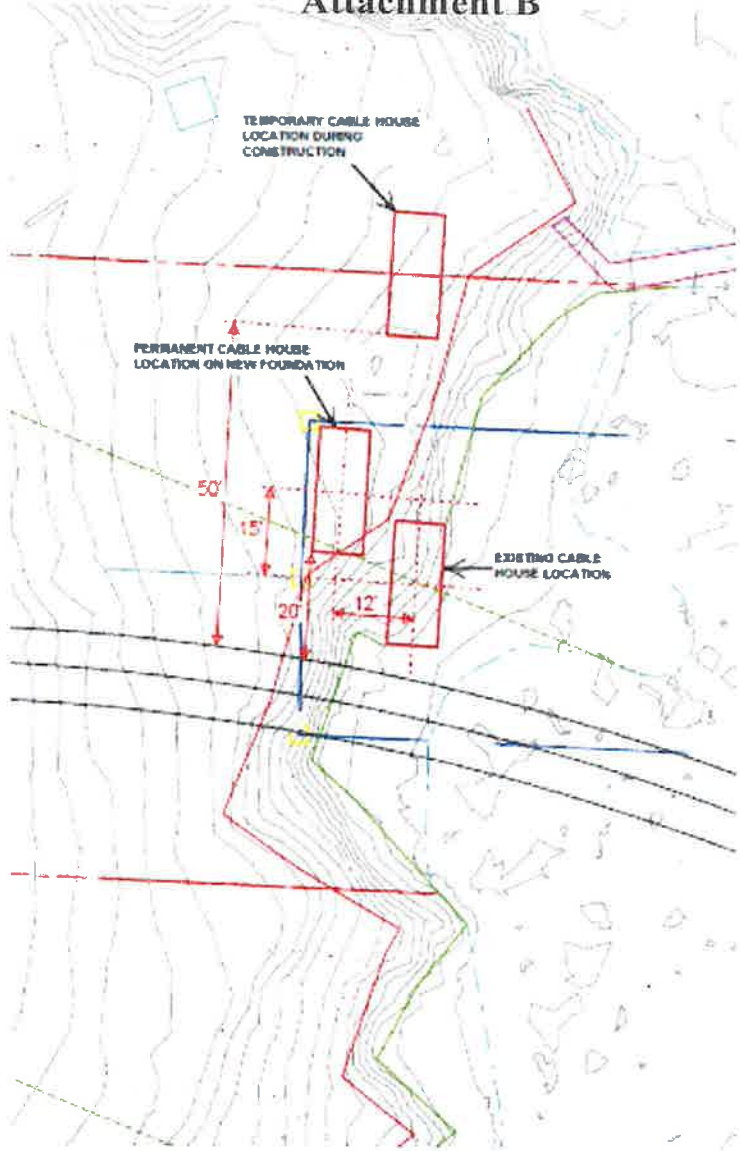
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DATE: **12-07-2017**

SHEET NO: **S0.0**

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Attachment B



SITE/LOCATION PLAN

SCALE: NOT TO SCALE

STRUCTURAL ENGINEER
 27 SMOKE AVE. 2A
 PROVIDENCE, RI 02908
 TEL: 401-450-4500
 JON STANLEY
 LICENSE NO. 0001
 EXP. 12/31/2017

FIRE TOWER
 ENGINEERS & ARCHITECTS

PROJECT: **CABLE SWITCH HOUSE**
 295 DURHAM POINT ROAD, DURHAM, NH
 SHEET TITLE: **SITE/LOCATION PLAN**

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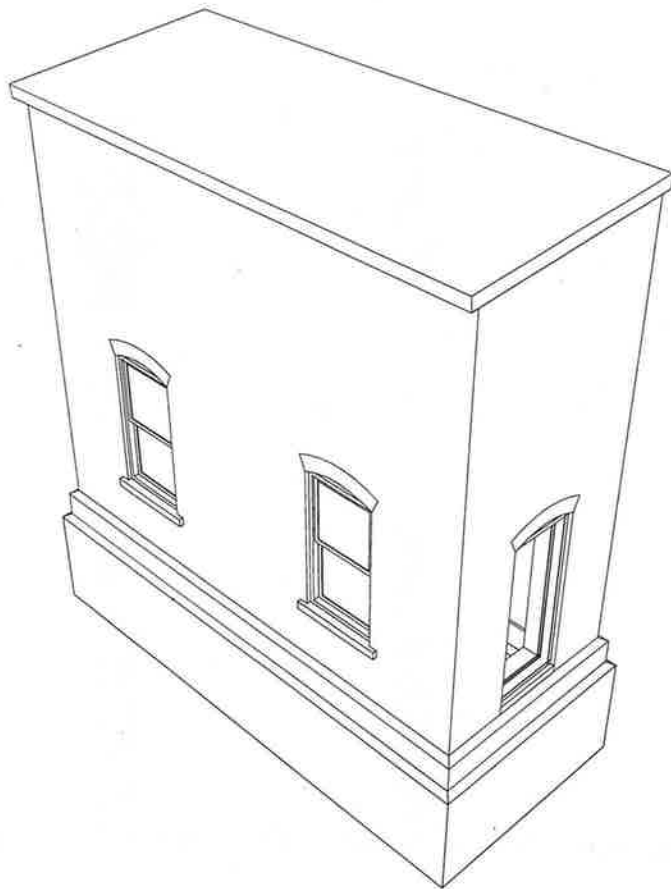
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 DATE: **12-07-2017**

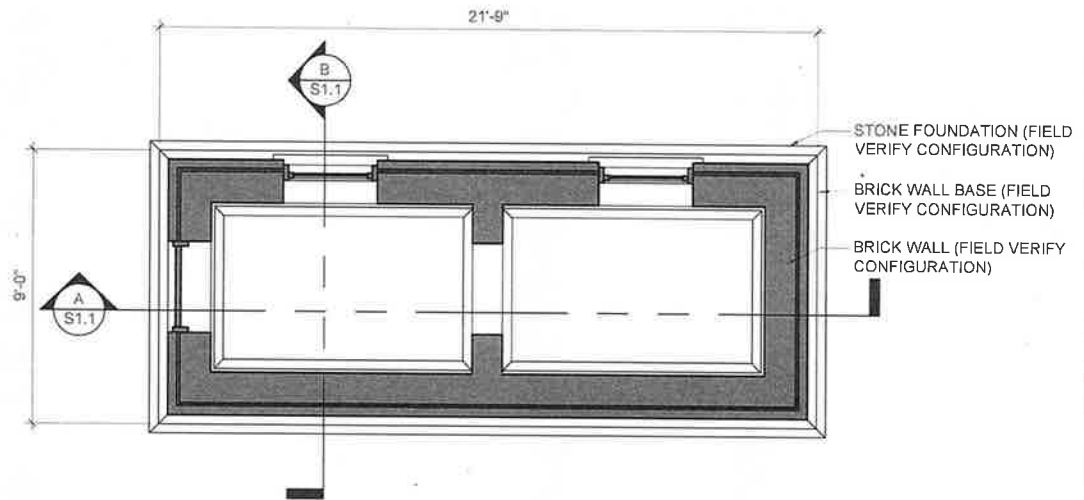
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Attachment B



ISOMETRIC VIEW

SCALE: NOT TO SCALE



FLOOR PLAN

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

STRUCTURAL ENGINEER:

37 GARDEN ST.
MORRISVILLE, NC 27555
403.674.4620

200 5TH STREET
CALDWELL, NC 27013
704.776.0530



PROJECT: **CABLE SWITCH HOUSE**
295 DURHAM POINT ROAD, DURHAM, NH
SHEET TITLE: ISOMETRIC AND PLAN VIEWS

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FOR: **REVIEW**

PROJECT NO: 170417

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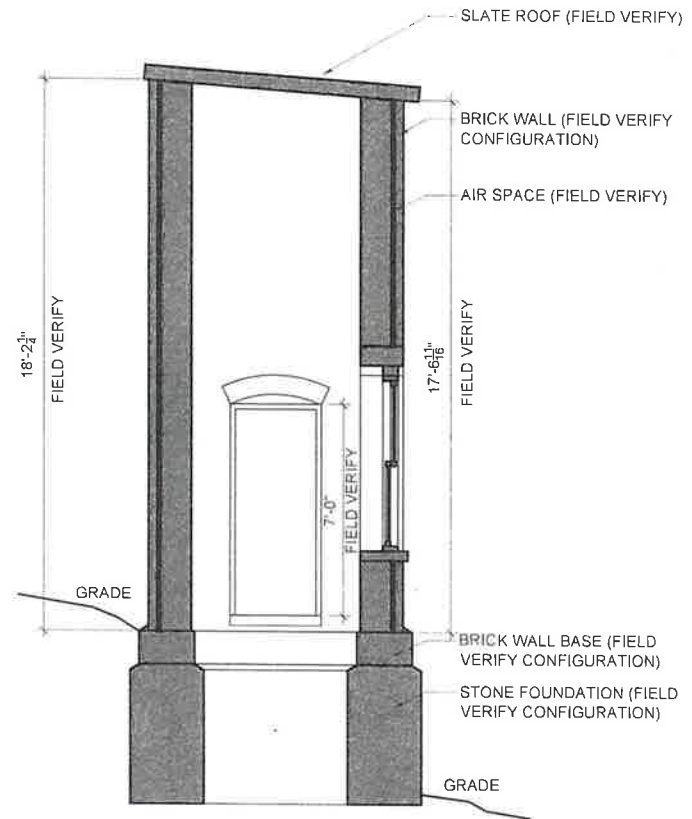
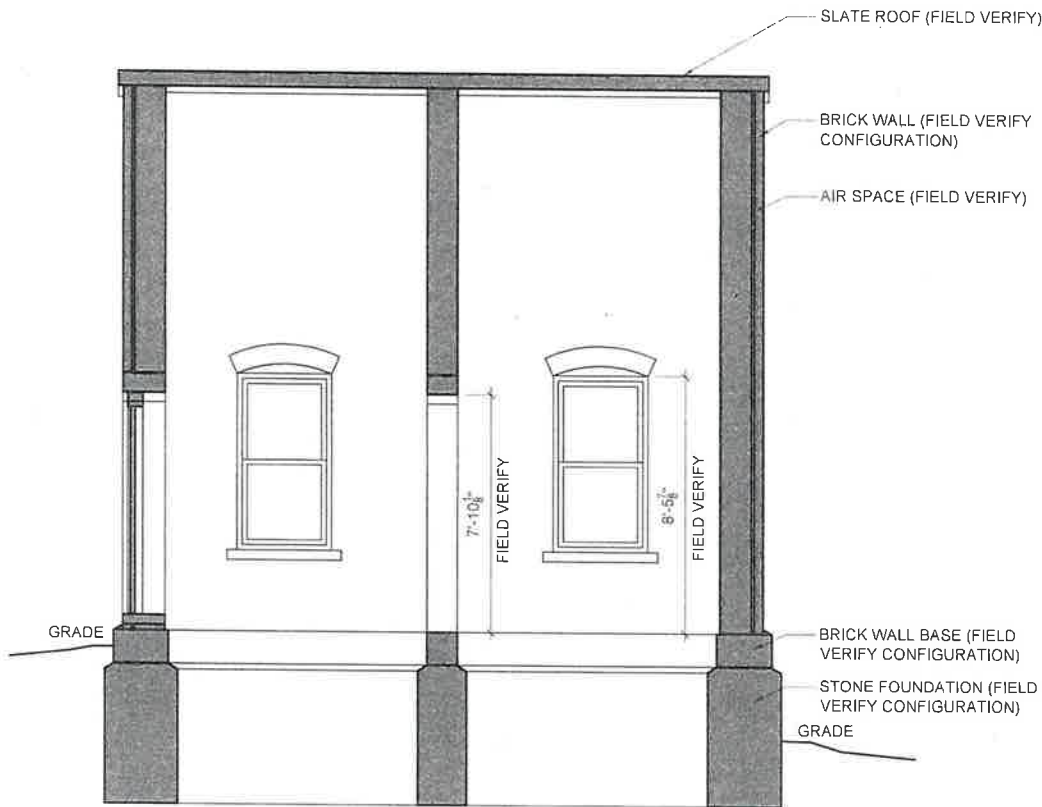
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DATE: 12-07-2017

SHEET NO:

S1.0

Attachment B



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

B BUILDING SECTION
SCALE: 1/4" = 1'-0"

STRUCTURAL ENGINEER
17 PAID REG. BY
 PROFESSIONAL REGISTRATION
 NO. 554-802
DESIGNED BY
 CALCULATED BY
 DATE 07-2017
FIRE TOWER
 FINESTFIELD TOWER

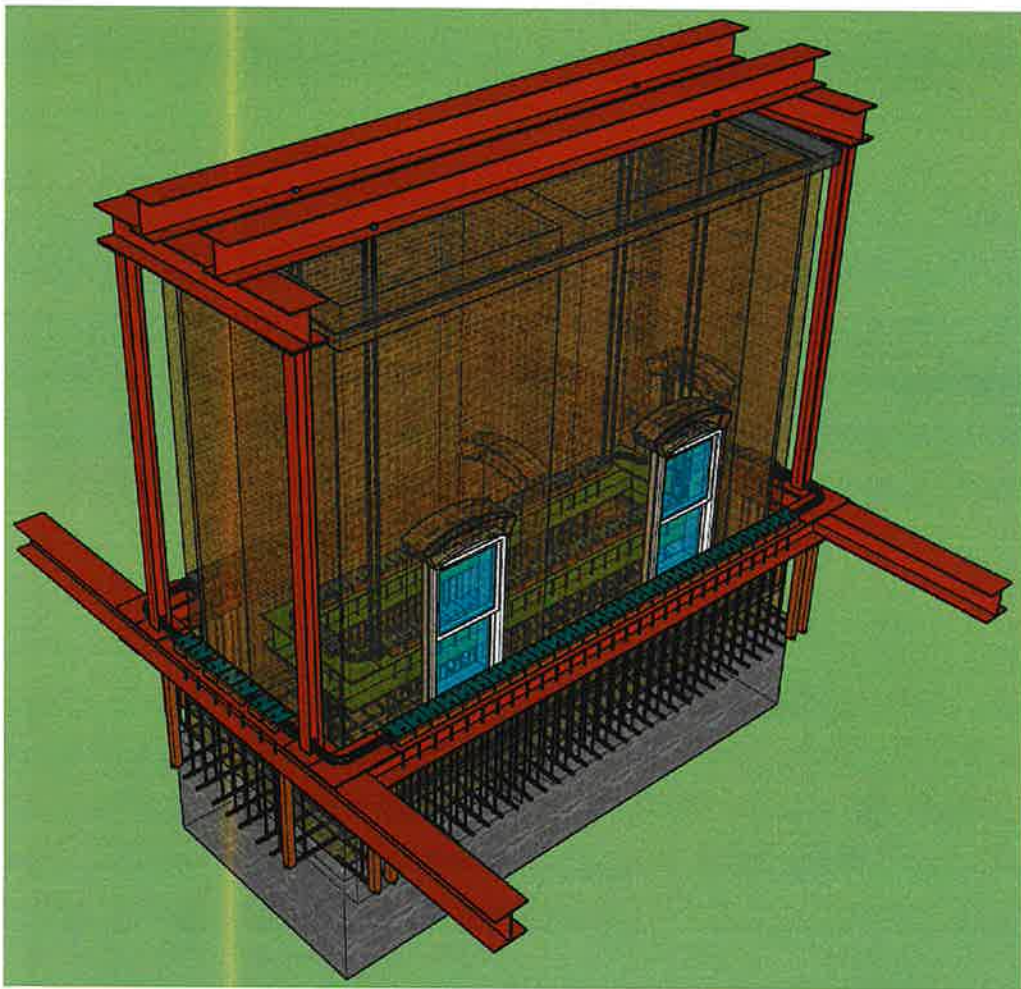
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 295 DURHAM POINT ROAD, DURHAM, NH
 SHEET TITLE: **BUILDING SECTIONS**

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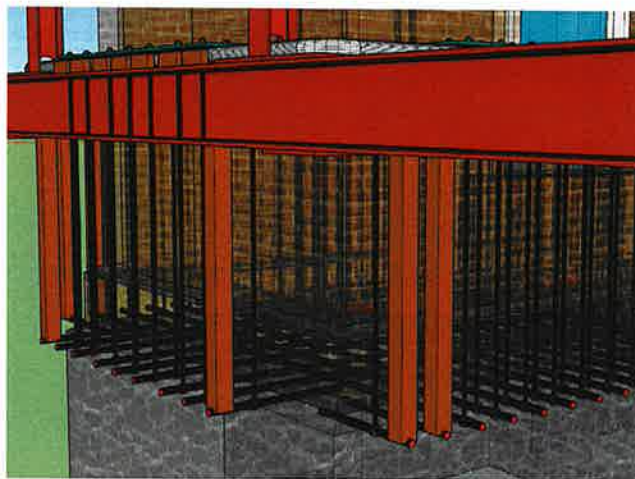
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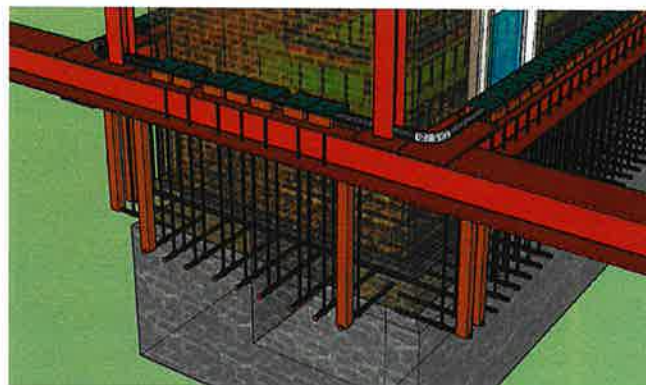
Attachment B



SOUTHEAST SIDE OF STRUCTURE.



AT BOTTOM OF BRICK 2" HOLES WILL BE DRILLED THROUGH THE BUILDING WALLS SO THAT HORIZONTAL RODS CAN PASS THROUGH STRUCTURE.



VERTICAL BARS GO FROM HORIZONTAL BARS TO STEEL PLATES THAT ARE BEING SUPPORTED BY A 3" FIRE HOSE.

STRUCTURAL ENGINEER:
 27 WINDY HILL RD
 WESTPORT, NH 03088
 TEL: 603-488-0001
 200 17th STREET
 DURHAM, NH 03824
 TEL: 603-852-0002
FIRE TOWER
 ENGINEERING & DESIGN

PROJECT: **CABLE SWITCH HOUSE**
 295 DURHAM POINT ROAD, DURHAM, NH
 SHEET TITLE: **RELOCATION IMAGES**

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FOR: **REVIEW**

PROJECT NO: **170417**

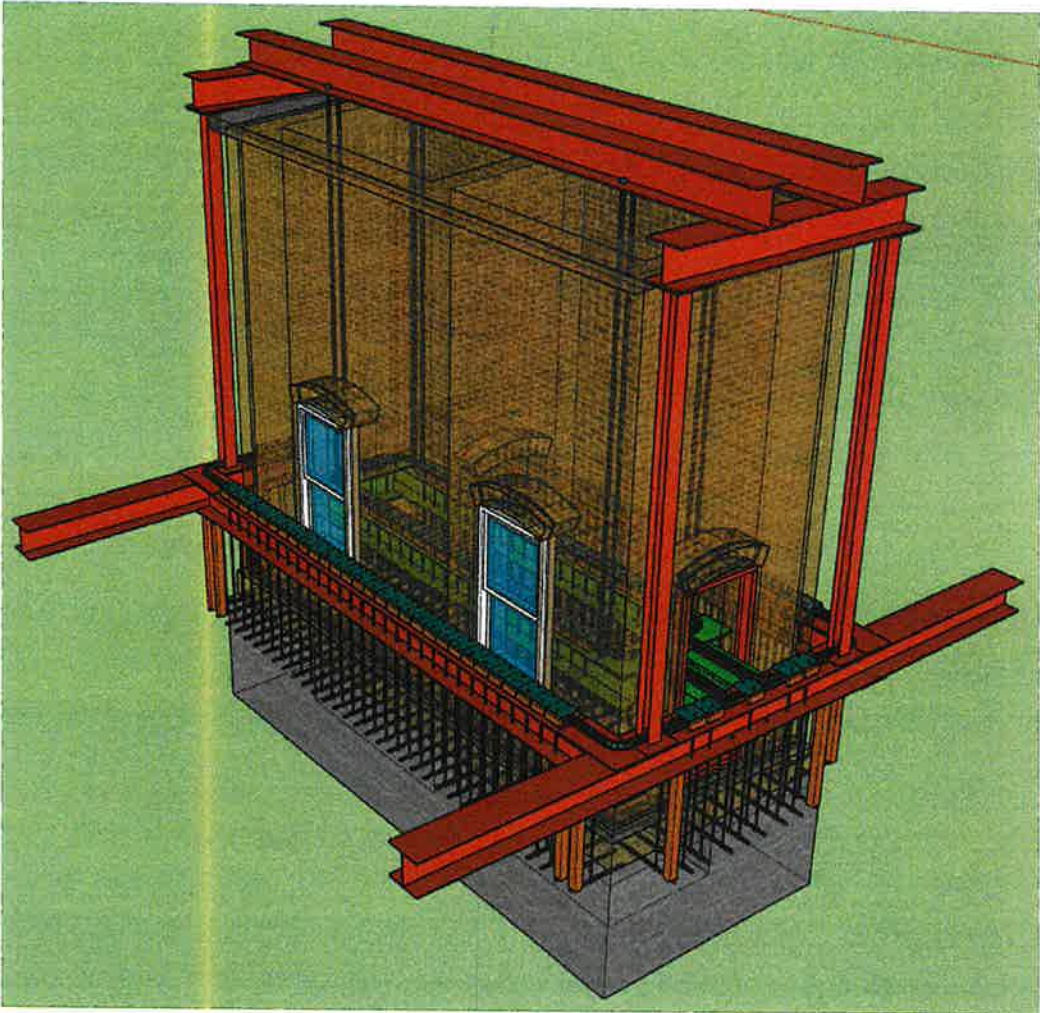
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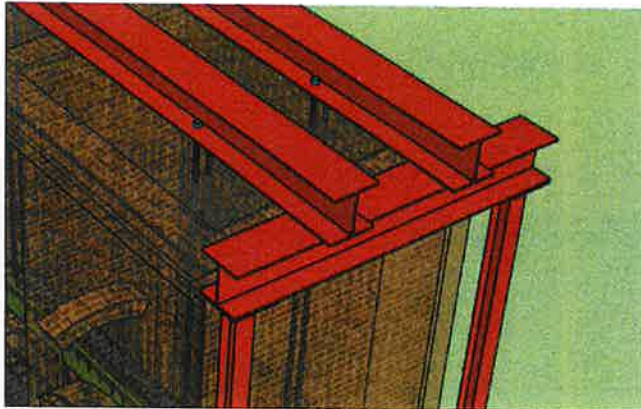
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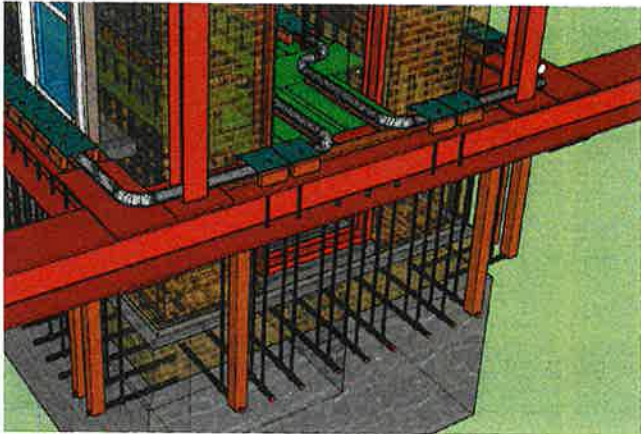
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NORTHEAST SIDE OF STRUCTURE.



2 HORIZONTAL BEAMS WILL SUPPORT 6 VERTICAL BARS THAT WILL PASS THROUGH ROOF TO SUPPORT INTERIOR FRAMING.



3" HOSE WILL MAKE A PERIMETER AROUND THE EXTERIOR OF THE BUILDING AND PASS THROUGH THE DOOR OPENING TO FORM A LOOP ON THE INTERIOR FRAMING.

STRUCTURAL ENGINEER:
 J. J. ...
 ...
FIRE TOWER
 ENGINEERING

PROJECT: **CABLE SWITCH HOUSE**
 295 DURHAM POINT ROAD, DURHAM, NH
 SHEET TITLE: **RELOCATION IMAGES**

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FOR: **REVIEW**

PROJECT NO: **170417**

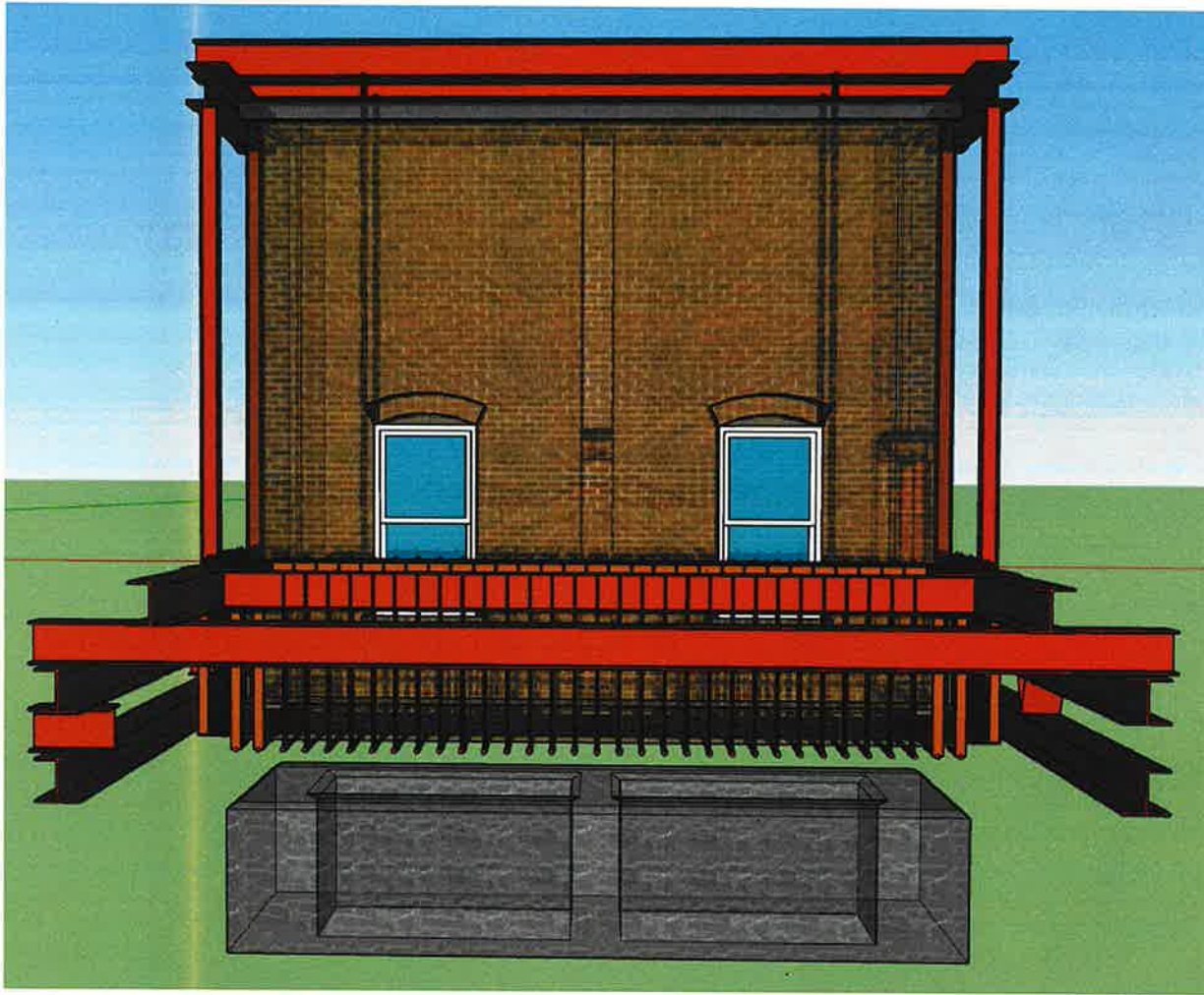
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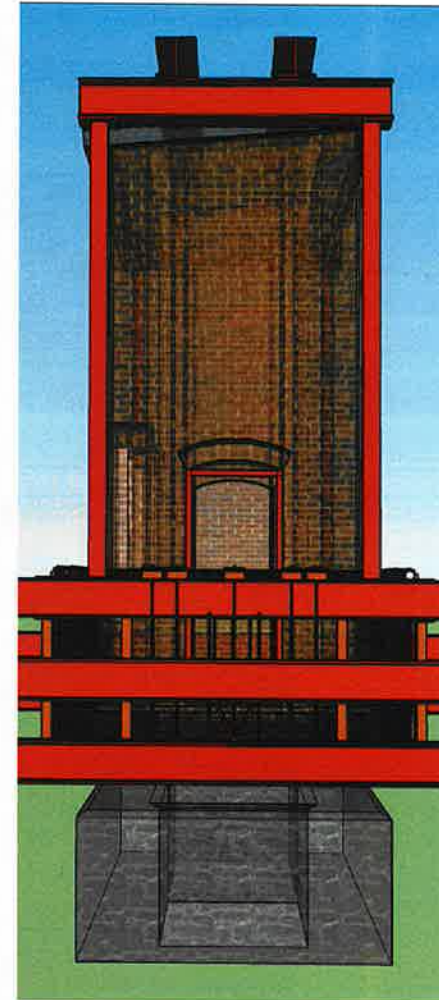
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Attachment B



VIEW OF EAST SIDE OF STRUCTURE. ADDITIONAL FRAMING TO LIFT BUILDING FROM FOUNDATION.



VIEW OF NORTH SIDE OF STRUCTURE.

STRUCTURAL ENGINEER:

27 SARGENT ST.
 #4000000000
 100-50-0000



200 NEW STREET
 DURHAM, NH 03824
 603-853-8833

PROJECT: CABLE SWITCH HOUSE

295 DURHAM POINT ROAD, DURHAM, NH

SHEET TITLE: RELOCATION IMAGES

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FOR: REVIEW

PROJECT NO: 170417

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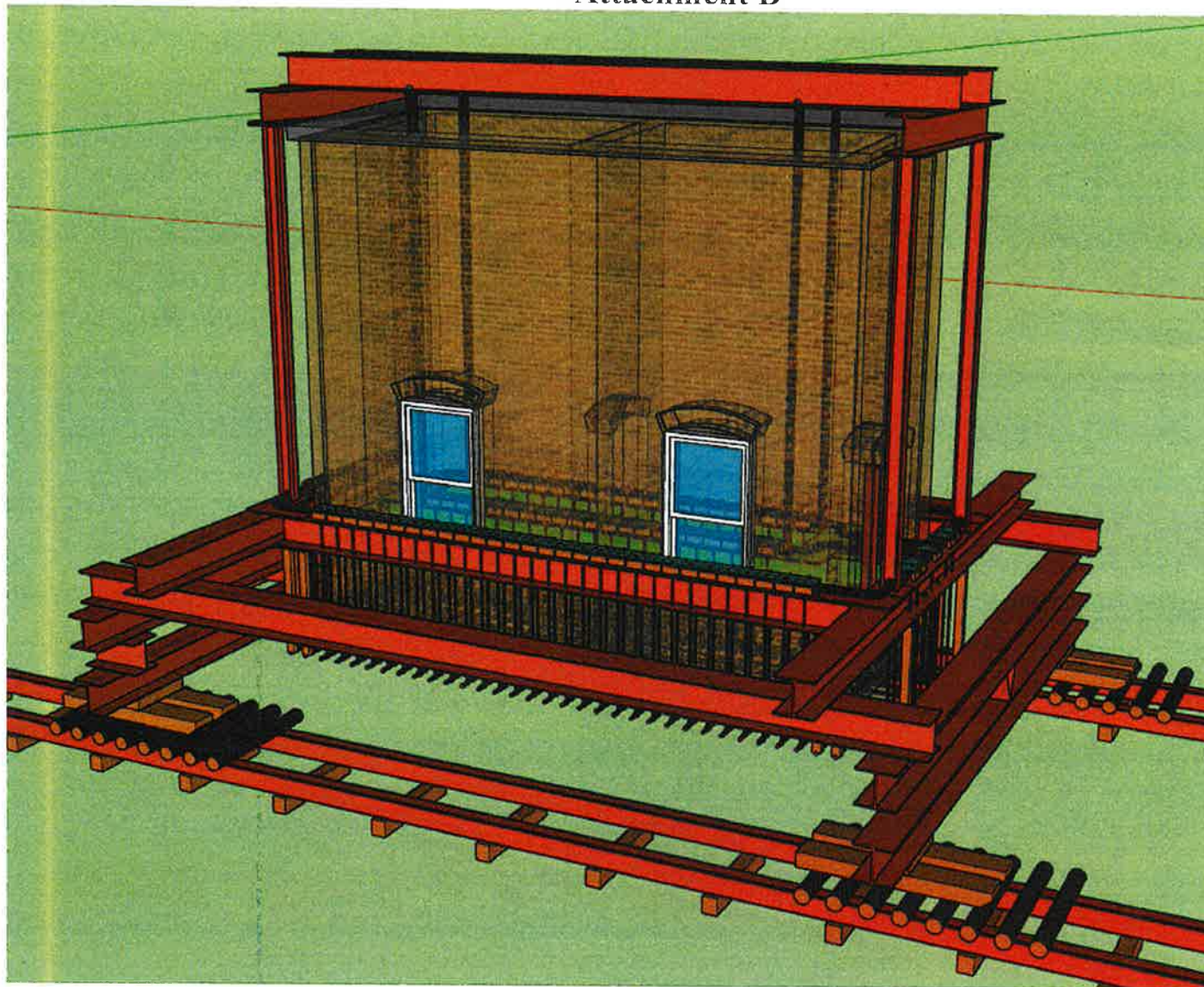
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DATE: 12-07-2017

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S2.2

Attachment B



STRUCTURE WILL BE PLACED ON HEAVY TIMBER SHOES, WITH ROLLERS ON STEEL TRACKS AND WILL BE MOVED TO TEMPORARY LOCATION.

STRUCTURAL ENGINEER:
 LICENSE NO. 1000000000
 1000000000
 1000000000
 1000000000
 1000000000
FIRE TOWER
 ENGINEERED TIMBER

PROJECT: **CABLE SWITCH HOUSE**
 295 DURHAM POINT ROAD, DURHAM, NH
 SHEET TITLE: **RELOCATION IMAGES**

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FOR: **REVIEW**

PROJECT NO.: 170417

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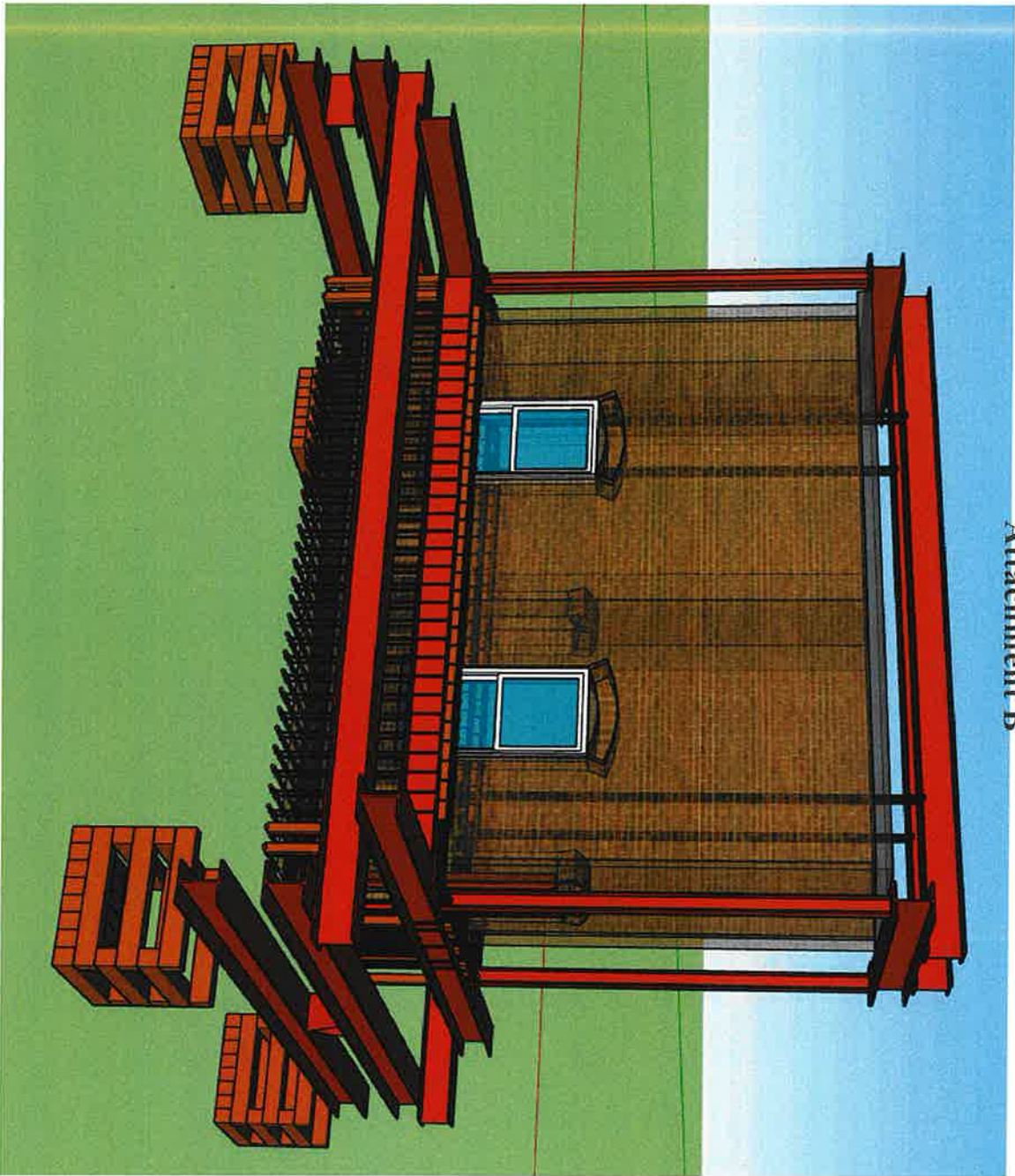
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FOR STORING ON THE TEMPORARY LOCATION THE STRUCTURE WILL BE PLACED ON HEAVY TIMBER CRIBBING, WITH FOAM PADDING FOR VIBRATION BETWEEN STEEL BEAM AND TIMBER.

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STRUCTURAL ENGINEER

FIRE TOWER
ENGINEERING
INC.
2007 FARM ROAD
DURHAM, NH 03824
603-293-2011

PROJECT:
CABLE SWITCH HOUSE
295 DURHAM POINT ROAD, DURHAM, NH
SWEET TITLE:
RELOCATION IMAGES

#	REVISION	DATE
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	REVISION	

FOR:
REVIEW

PROJECT NO:
170417

DRAWN:
MNG

SCALE:
AS-NOTED

DATE:
12-07-2017

SHEET NO:
S2.4

Attachment B

EARTHWORK:

1. COMPLIANCE OF SOIL COMPACTION AND OTHER MEASURES TAKEN TO ACHIEVE THE ALLOWABLE BEARING PRESSURE IN AREAS OF BACKFILL SHALL BE FIELD VERIFIED BY A QUALIFIED SOILS ENGINEER.

FOUNDATION SPECIFICATIONS:

1. THE BUILDING FOOTINGS HAVE BEEN DESIGNED USING AN ASSUMED MINIMUM ALLOWABLE SOIL BEARING PRESSURE OF 2000 PSF.
2. IT IS THE RESPONSIBILITY OF THE FOUNDATION CONTRACTOR TO CAREFULLY REVIEW ALL WORKING DRAWINGS AND DETAILS FOR ACCURACY AND CONSISTENCY. ONLY DRAWINGS MARKED "FOR CONSTRUCTION" SHALL BE USED FOR CONSTRUCTION WORK. FIRE TOWER ENGINEERED TIMBER CANNOT BE HELD RESPONSIBLE FOR WORK INITIATED INCORRECTLY DUE TO MISUNDERSTANDING OR MISINTERPRETATION. IF THERE ARE ANY QUESTIONS AFTER FOUNDATION PLANS HAVE BEEN REVIEWED, PLEASE CALL FIRE TOWER ENGINEERED TIMBER BEFORE INITIATING ANY WORK.

CONCRETE SPECIFICATIONS:

1. ALL CONCRETE SHALL BE PLACED AND CURED IN ACCORDANCE WITH ACI STANDARDS.
2. UNLESS NOTED OTHERWISE, CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF F'C = 4,000PSI, WITH ALL SLABS F'C = 4,000PSI. ALL CONCRETE EXPOSED TO WEATHER SHALL CONTAIN 6% AIR ENTRAINMENT OR SHOW EQUIVALENT FREEZE-THAW PROTECTION.
3. ALL FOOTINGS, POST PADS, AND SLABS ARE TO BE PLACED ON UNDISTURBED SOIL OR WELL-COMPACTED FILL, OR PINNED TO CLEANED LEDGE. ALL FOOTINGS ARE TO BE PLACED BELOW FROST LINE (48") AND STEPPED, AS REQUIRED BY LOCAL BUILDING CODE. ISOLATED PIER FOOTINGS SHALL BE 60" BELOW FROST LINE.
4. FOUNDATION WALLS ARE TO BE PLUMB, SQUARE, AND SIZED TO WITHIN A 1/4" OF RELATIVE ELEVATIONS SHOWN ON PLANS.
5. VERTICAL CONTRACTION JOINTS FOR FULL HEIGHT WALLS TO BE LOCATED 15 FEET FROM INTERIOR CORNERS (MINIMUM) AND SPACED 30 FEET CENTER TO CENTER (MINIMUM). JOINTS ARE TO RUN FROM FOOTING TO TOP OF WALL, AND BE FORMED ON BOTH SIDES OF THE FOUNDATION WALL.
6. PROVIDE A 6-MIL POLYETHYLENE VAPOR RETARDER WITH JOINTS LAPPED NOT LESS THAN 6" BETWEEN THE SUBGRADE AND CONCRETE FLOOR SLABS.
7. SUB-SLAB PREPARATION, DAMP-PROOFING OR WATERPROOFING, ANY SUB-SLAB ELECTRICAL, PLUMBING OR RADON PIPING, AND ALL FOOTINGS AND FLOOR DRAINS TO BE COORDINATED BY GENERAL CONTRACTOR.
8. PRESSURE TREATED SILLS ARE TO BE ANCHORED TO FOUNDATION WITH 5/8"Øx12" ANCHOR BOLTS. PROVIDE SILL GASKET. THE ANCHOR BOLTS ARE TO BE LOCATED 48" O/C, 6" FROM THE CORNERS, CENTERED ON THE WALL (1 3/4" MINIMUM FROM EDGES), AND EXPOSED 2 1/2", UNLESS OTHERWISE SPECIFIED.
9. CONTRACTOR TO PROVIDE AND INSTALL FOUNDATION VENTS PER APPLICABLE CODES.
10. POCKETS IN FOUNDATION WALLS FOR ENDS OF CARRYING BEAMS ARE TO BE SIZED AND LOCATED ACCORDING TO PLANS.
11. SLAB ON GRADE CONCRETE SHALL BE 4" THICK WITH #4 REBAR RUNNING AT 16" O.C. EACH WAY, CENTERED IN THE SLAB. CONFIRM WITH ARCHITECT BEFORE USING FIBERS OR OTHER REINFORCEMENT ADDITIONS SINCE SLAB IS FINISHED FLOOR SURFACE.
12. SUPPLY CONTROL JOINTS IN SLABS TO CREATE APPROXIMATELY SQUARE SHAPED SECTIONS WITH NO RE-ENTRANT CORNERS. JOINTS MAY BE CONSTRUCTION JOINTS, SAWN JOINTS, OR PREMOLDED JOINT STRIPS AT THE CONTRACTORS OPTION. MAXIMUM JOINT SPACING SHALL NOT EXCEED 15'.
13. CONCRETE SHALL HAVE A MINIMUM COVER ACCORDING TO:
 - FOOTINGS (TO SOIL) 3"
 - PIERS 2"
 - PILASTERS 1 1/2"
 - SLABS 1 1/4" FROM TOP, 3" FROM BOTTOM
 - WALLS 1 1/2"

REINFORCING SPECIFICATIONS:

1. CRACK CONTROL JOINTS TO BE INCLUDED, PER LOCAL REQUIREMENT.
2. REINFORCING BARS (REBAR) #4 THROUGH #6 SHALL BE ASTM A615-GRADE 60 AND REINFORCING BARS #3 SHALL BE GRADE 40. LAP SPLICES SHALL BE A MINIMUM OF 24 BAR DIAMETERS (12" FOR #4 REBAR) LONG.
3. AT ALL FOUNDATION WALL CORNERS, HORIZONTAL BARS ARE TO BE MADE CONTINUOUS AROUND THE CORNER. BEND BARS AS REQUIRED, LAP SPLICES TO BE A MINIMAL 24 BAR DIAMETERS.
4. REINFORCING STEEL SHALL HAVE THE FOLLOWING YIELD STRENGTHS:
 - 40,000psi FOR #3 REBAR
 - 60,000psi FOR #4 & LARGER REBAR
 UNLESS NOTED OTHERWISE ON THESE STRUCTURAL DRAWINGS, ALL REBAR ARRANGEMENT AND BENDING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE ACI DETAILING MANUAL (ACI SP-66).

STRUCTURAL ENGINEER
17 DAVIS AVE. 2ND FLOOR
 PROVIDENCE, RHODE ISLAND 02903
 401-863-6663
 200 N. HOUSTON
 SUITE 100-950
 NEW AUSTON

FIRE TOWER
ENGINEERED TIMBER INC.

PROJECT: **CABLE SWITCH HOUSE**
 295 DURHAM POINT ROAD, DURHAM, NH
 SHEET TITLE: **FOUNDATION SPECIFICATIONS**

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PROJECT NO. **170417**

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DATE: **12-07-2017**

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Attachment B

5. WHEN THE AVERAGE DAILY TEMPERATURE IS EXPECTED TO BE BELOW 40°F FOR THREE CONSECUTIVE DAYS, COLD WEATHER CONCRETING REQUIREMENTS SHALL BE FOLLOWED. WHEN THE AMBIENT OR CONCRETE TEMPERATURES ARE EXPECTED TO BE ABOVE 90°F OR STEEL AND FORMING MATERIAL ABOVE 120°F, HOT WEATHER CONCRETING REQUIREMENTS SHALL BE FOLLOWED.

COLD WEATHER CONCRETING

- CONCRETE SHALL NOT BE INSTALLED WHEN SUBJECT TO FREEZING TEMPERATURES, UNLESS FOLLOWING ACI PROCEDURES FOR CURING UNDER SUCH ADVERSE CONDITIONS.
- CONCRETE SHALL NOT BE PLACED ON FROZEN SUBGRADE
- SNOW, ICE, AND FROST SHALL BE REMOVED FROM ALL REINFORCING, FORMS, AND OTHER SURFACES WHICH WILL BE IN CONTACT WITH THE CONCRETE.
- CONCRETE SHALL BE PROTECTED AGAINST DAMAGE FROM FREEZING FOR A MINIMUM OF 3 DAYS AFTER PLACEMENT.
- WHEN FREEZING TEMPERATURES MAY OCCUR, BUT IN SHORT ENOUGH DURATION TO NOT BE CLASSIFIED AS COLD WEATHER, PROTECT CONCRETE FROM FREEZING FOR AT LEAST 24 HOURS AFTER CONCRETE PLACEMENT.
- TEMPERATURES OF CONCRETE SHALL BE MEASURED AT THE CONCRETE SURFACE, AND RECORDED FOR THE FIRST 3 DAYS AFTER PLACEMENT AT THE BEGINNING, MIDDLE, AND END OF EACH WORK DAY.
- THE TEMPERATURE OF THE CONCRETE SHALL NOT FALL BELOW:

LEAST DIMENSION	TEMP.
>72"	40°F
36-72"	45°F
12-36"	50°F
<12"	55°F
- IF TEMPERATURE REQUIREMENTS ARE NOT MAINTAINED DURING THE REQUIRED PROTECTION PERIOD, CONTACT ENGINEER OF RECORD TO DETERMINE AMOUNT OF TIME REQUIRED TO EXTEND PROTECTION PERIOD.

HOT WEATHER CONCRETING

- IF CONDITIONS DUE TO HEAT OR WIND INCREASE THE RISK OF ACCELERATED CURING, CONCRETE SHALL BE MODIFIED WITH THE ADDITION OF RETARDING ADMIXTURES. APPROVAL BY THE ENGINEER OF RECORD IS REQUIRED.
- WATER SHALL NOT BE ADDED TO THE CONCRETE MIXES TO INCREASE WORKABILITY. ANY WATER REDUCTION AGENTS SHALL BE APPROVED BY THE ENGINEER OF RECORD BEFORE ADDING TO THE MIX.
- CONCRETE SHALL NOT EXCEED 90°F AT TIME OF PLACEMENT. CHILLED WATER, ICE, OR COOLED AGGREGATE MAY BE USED, PROVIDED THAT THE PROPER W/C RATIO IS MAINTAINED.

CAST IN PLACE TOLERANCES:

1. CONCRETE COVERED AS MEASURED PERPENDICULAR FROM THE SURFACE IN THE DIRECTION OF MEASUREMENT SHALL NOT EXCEED 3/8".
2. PLACEMENT OF FOOTINGS SHALL BE WITHIN THE FOLLOWING:
 - LEVEL ALIGNMENT - 2" to + 1/2"
 - LATERAL ALIGNMENT ± 2"
3. DIMENSIONS OF FOOTINGS SHALL BE WITHIN THE FOLLOWING:
 - FORMED - 1/2" to + 2"
 - EARTHCAST < 2' W - 1/2" to + 3"
 - > 2' W - 1/2" to + 6"
 - THICKNESS ± 1/2"
4. THE TOP OF FOOTING SLOPE SHALL NOT EXCEED 1 IN 10.

MASONRY:

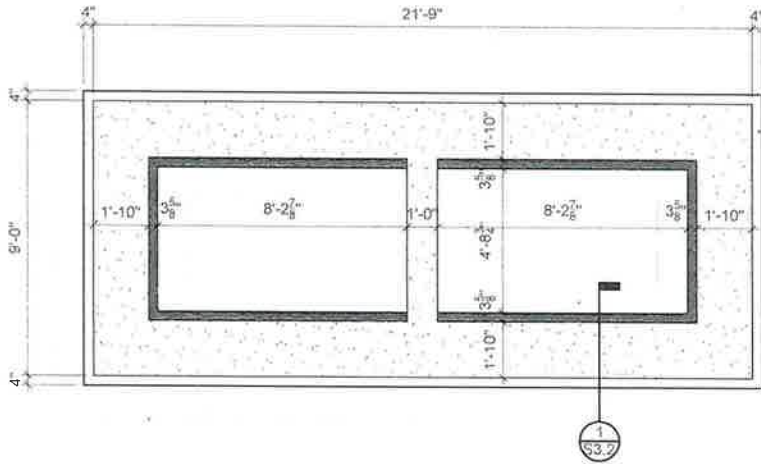
1. MASONRY SHALL BE LAID IN A RUNNING BOND PATTERN WITH TYPE M MORTAR BELOW GRADE, TYPE S MORTAR ABOVE GRADE
2. WHERE GROUTED CELLS ARE CALLED OUT, GROUT SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3,000psi AND CONSIST OF PEA GRAVEL (3/4" MAX) AGGREGATE.
3. GROUT POURS ABOVE 5' SHALL HAVE CLEANOUTS PROVIDED IN THE BOTTOM COURSE OF MASONRY.
4. SOLID BLOCK, OR SOLID GROUTED CMUs SHALL BE PROVIDED IN ALL COURSES IMMEDIATELY ADJACENT (ABOVE OR BELOW) ANY CHANGES IN THE WYTHE THICKNESS.
5. A MINIMUM OF ONE #4 VERTICAL IS REQUIRED AT THE END OF EACH WALL, CORNER, AND EACH END OF CONTROL JOINTS.
6. QUALITY ASSURANCE AND OTHER DETAILS NOT SPECIFIED HEREIN SHALL BE IN ACCORDANCE WITH ACI 530-05.

STRUCTURAL STEEL:

1. FABRICATION AND ERECTION OF ALL STRUCTURAL STEEL SHALL CONFIRM WITH THE LATEST EDITION OF THE AISC MANUAL OF STEEL CONSTRUCTION, ASD.
2. ALL CONNECTIONS NOT SPECIFICALLY DETAILED ON THESE PLANS SHALL BE DETAILED BY THE FABRICATOR.
3. NO CUTS, HOLES, OR COPES SHALL BE MADE IN THE FIELD. ONLY THOSE SHOWN ON THE FABRICATOR SHOP DRAWINGS, AND MADE IN THE SHOP, SHALL BE PERMITTED.
4. SPLICING OF MEMBERS IS NOT ALLOWED, UNLESS SPECIFICALLY CALLED OUT OR APPROVED BY THE ENGINEER OF RECORD.
5. TEMPORARY BRACING, GUYS, AND OTHER LATERAL SUPPORT SHALL BE PROVIDED UNTIL THE BUILDING FRAME IS COMPLETELY INSTALLED.
6. ALL WELDS SHALL BE MADE WITH E70XX TYPE ELECTRODES.

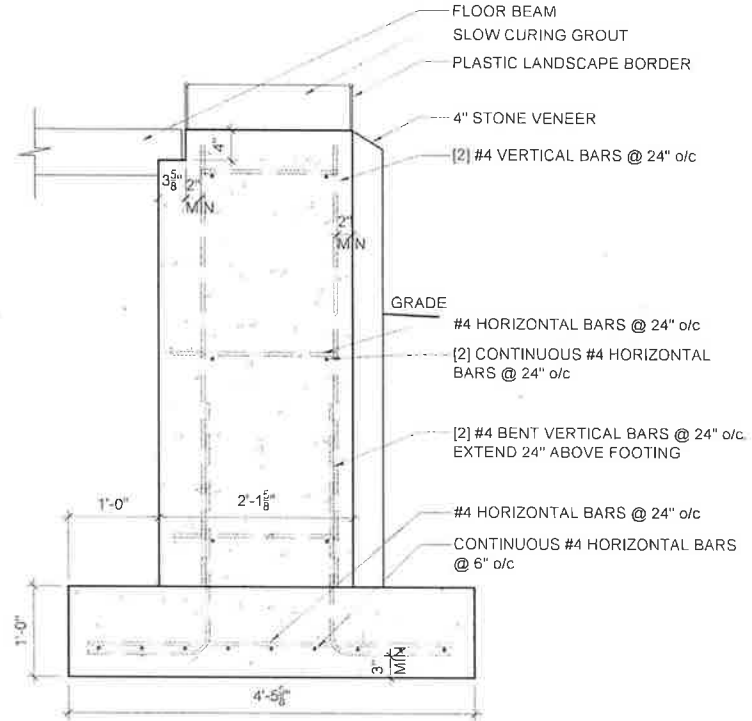
STRUCTURAL ENGINEER 27 9045 AVE. SE FREDERICK, MD 20702 410-554-4800 410-510-1811 CALVERT, MD 20611 410-379-0152																			
																			
PROJECT: CABLE SWITCH HOUSE	295 DURHAM POINT ROAD, DURHAM, NH																		
SHEET TITLE: FOUNDATION SPECIFICATIONS																			
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PROJECT NO: 170417																			
DRAWN: MNG																			
SCALE: AS-NOTED																			
DATE: 12-07-2017																			
SHEET NO: S3.1																			

Attachment B



NEW FOUNDATION PLAN

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



1 FOUNDATION DETAIL

SCALE: 3/4" = 1'-0"

STRUCTURAL ENGINEER
 275 MAIN ST. 4TH FLOOR
 DURHAM, NH 03824
 (603) 271-1111
 FAX (603) 271-1112
 WWW.FIRETOWERENGINEERS.COM
FIRE TOWER ENGINEERS

PROJECT: **CABLE SWITCH HOUSE**
 295 DURHAM POINT ROAD, DURHAM, NH
 SHEET TITLE: **NEW FOUNDATION PLAN**

#	REVISION	DATE
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	REVISION	

FOR REVIEW

PROJECT NO: 170417

DRAWN: MNG

SCALE: AS-NOTED

DATE: 12-07-2017

SHEET NO:

S3.2

Appendix B:
AMG Tentative Schedule

RESTORATION CONSERVATIONIST



US Rte. 3
PO Box 174
Holderness, NH 03245
cell 603-448-8592
603-968-9574 • 603-968-3621

ARNOLD M. GRATON
Master Bridge Wright
amgraton@gmail.com

June 12, 2019

Dena M Champy
Lead Project Manager, PMP
Eversource Energy

Timeline/Sequence of Work
Cable House, Durham, NH

The following timeline is estimated and subject to changes. This timeline follows the attached methodology.

June 29, 2019

Start mobilization- deliver steel frame to site and store as described off driveway area

July 11, 2019 (dependent upon receipt of Army Corp permit)

Install silt fence, excavate area behind CH-prepare to start core drilling

July 15 to August 2, 2019

Core drill lower course of brick at foundation and roof, insert sleeves and rods

August 5-16, 2019

Install steel frame – build road to move CH to new site

August 19-30, 2019

Rig for move and move CH

August 2020

New foundation at location designated by Owner

Move CH to new foundation