HDC

ADMINISTRATIVE APPROVALS

July 01, 2020

1.	55 Congress Street (LUHD-151)	-T.B.D.
2.	30 Maplewood Avenue (LUHD-152)	-Recommended Approval
3.	17 South Street, Unit 5 (LUHD-153)	-T.B.D.
4.	56 Middle Street (LUHD-155)	-T.B.D.
5.	58 State Street (LUHD-156)	-Recommended Approval
6.	28 Chestnut Street (LUHD-157)	-Recommended Approval
7.	135 Congress Street, Unit 145 (LUHD-158)	-Recommended Approval
8.	25 Maplewood Avenue (LUHD-115)	-T.B.D.

1. 55 Congress Street - T.B.D.

Background: **The applicant is seeking approval for the addition of electrical equipment to be added to the roof (3 new antennas and 6 remote radio units) where existing AT&T telecommunications equipment is already installed.**

Staff Comment: T.B.D.

Stipulations:

1. _____
2. _____
3. _____

Historic District Commission Work Session or Administrative Approval Application

LUHD-151

Status: Active

Submitted: Jun 09, 2020

Applicant

Nicole Caplan-Mason
978-284-3906
@ ncaplan@empiretelecomm.com

Location

55 CONGRESS ST
Portsmouth, NH 03801

Application Type

Please select application type from the drop down menu below

Administrative Approval

Project Information

Brief Description of Proposed Work

Adding (3) new antennas and (6) remote radio units to AT&T's preexisting telecommunications facility on the roof of the building.

Description of Proposed Work (Planning Staff)

--

Project Representatives

Acknowledgement

I certify that the information given is true and correct to the best of my knowledge.

true

By checking this box, I agree that this is equivalent to a handwritten signature and is binding for all purposes related to this transaction

true

I hereby certify that as the applicant for permit, I am

Other

If you selected "Other" above, please explain your relationship to this project. Owner authorization is required.

AT&T is a tenant on the roof of the building

INTERNAL USE ONLY -- Historic District Commission Review and Approval

HDC Certificate of Approval Granted

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HDC Approval Date

--

Planning Staff Comments

--

INTERNAL USE ONLY -- Letter of Decision Information

Owner Addressee Full Name and Title

--

Owner Addressee Prefix and Last Name

--

PROJECT INFORMATION

SCOPE OF WORK:	TELECOMMUNICATIONS FACILITY UPGRADE (LTE 4C/5C): BASED OFF OF RFDS DATED: 11/26/19 PTN: 10096523 ROOFTOP: INSTALL: (3) ANTENNA MOUNTS, (3) 800-10966 ANTENNAS, (3) RRH 4478 B14 & (3) RRUS-E2 B29 EXISTING TO REMAIN: (6) DC POWER CABLES, (3) FIBER RUNS & (6) LINES OF 7/8" COAX CABLES EXISTING TO BE RELOCATED: (3) 7770 ANTENNAS, (1) DBXNH-6565A-R2M ANTENNAS, (3) TPA-65R-LCUUUU-H8 ANTENNAS, (3) RRUS-32 B2, (3) RRUS-11 B12, (2) AM-X-CD-17-65-OOT-RET ANTENNAS, (3) RRUS-32 B30, (6) TMA'S & (3) SURGE ARRESTORS EQUIPMENT AREA: INSTALL: UPGRADE (2) DUS-41 TO (2) 5216, (1) XMU, (1) GE RECTIFIER & (1) IDLE CABLE
SITE ADDRESS:	55 CONGRESS STREET PORTSMOUTH, NH 03801
LATITUDE:	43.07665° N 43° 04' 35.9" N
LONGITUDE:	70.75930° W 70° 45' 33.5" W
TYPE OF SITE:	ROOFTOP/EQUIPMENT PLATFORM
OVERALL ROOF HEIGHT:	62'-5"± / PENTHOUSE HEIGHT: 78'-0"±
RAD CENTER:	75'-0"±

SITE NUMBER: NH2062
SITE NAME: CONGRESS STREET
PACE ID: MRCTB023621, MRCTB023855
PROJECT: LTE 4C/5C UPGRADE

DRAWING INDEX

VICINITY MAP

DIRECTIONS TO SITE:

GET ON I-90 E/MASSACHUSETTS TURNPIKE. HEAD NORTHWEST TOWARD LEGGATT MCCALL CONN, TURN LEFT ONTO LEGGATT MCCALL CONN, CONTINUE ONTO BURR ST, TURN LEFT ONTO COCHITUATE RD, USE THE RIGHT LANE TO TAKE THE RAMP TO I-90 E/MASSPIKE W/SPRINGFIELD/BOSTON, (TOLL ROAD), KEEP RIGHT AT THE FORK, FOLLOW SIGNS FOR INTERSTATE 90 E/INTERSTATE 95/MASSACHUSETTS TURNPIKE/BOSTON AND MERGE ONTO I-90 E/MASSACHUSETTS TURNPIKE. FOLLOW I-95 N TO MARKET ST IN PORTSMOUTH. TAKE EXIT 7 FROM I-95 N. MERGE ONTO I-90 E/MASSACHUSETTS TURNPIKE (SIGNS FOR 90 E/I-95/BOSTON) (TOLL ROAD), USE THE RIGHT 2 LANES TO TAKE EXIT 14 TOWARD N.H - MAINE/I-95/MA-128/S SHORE (TOLL ROAD), KEEP LEFT AT THE FORK, FOLLOW SIGNS FOR I-95 N AND MERGE ONTO I-95 N/MA-128 N, KEEP RIGHT AT THE FORK TO CONTINUE ON I-95 N, FOLLOW SIGNS FOR PORTSMOUTH NH (TOLL ROAD), ENTERING NEW HAMPSHIRE, KEEP LEFT AT THE FORK TO STAY ON I-95 N (TOLL ROAD), TAKE EXIT 7 FOR MARKET ST TOWARD PORTSMOUTH/DOWNTOWN. CONTINUE ON MARKET ST. DRIVE TO CONGRESS STREET. TURN RIGHT ONTO MARKET ST, CONTINUE ONTO MARKET SQUARE, TURN RIGHT ONTO CONGRESS STREET/MARKET SQUARE, CONTINUE TO FOLLOW CONGRESS STREET, DESTINATION WILL BE ON THE RIGHT.

GENERAL NOTES

1. THIS DOCUMENT IS THE CREATION, DESIGN, PROPERTY AND COPYRIGHTED WORK OF AT&T. ANY DUPLICATION OR USE WITHOUT EXPRESS WRITTEN CONSENT IS STRICTLY PROHIBITED. DUPLICATION AND USE BY GOVERNMENT AGENCIES FOR THE PURPOSES OF CONDUCTING THEIR LAWFULLY AUTHORIZED REGULATORY AND ADMINISTRATIVE FUNCTIONS IS SPECIFICALLY ALLOWED.
2. THE FACILITY IS AN UNMANNED PRIVATE AND SECURED EQUIPMENT INSTALLATION. IT IS ONLY ACCESSED BY TRAINED TECHNICIANS FOR PERIODIC ROUTINE MAINTENANCE AND THEREFORE DOES NOT REQUIRE ANY WATER OR SANITARY SEWER SERVICE. THE FACILITY IS NOT GOVERNED BY REGULATIONS REQUIRING PUBLIC ACCESS PER ADA REQUIREMENTS.
3. CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE AT&T REPRESENTATIVE IN WRITING OF DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.
4. CONSTRUCTION DRAWINGS ARE VALID FOR SIX MONTHS AFTER ENGINEER OF RECORD'S STAMPED AND SIGNED SUBMITTAL DATE LISTED HEREIN.

UNDERGROUND SERVICE ALERT

811 DigSafe MA·ME·NH·RI·VT

WWW.DIGSAFE.COM
72 HOURS PRIOR

HUDSON Design Group LLC
45 BEECHWOOD DRIVE
NORTH ANDOVER, MA 01845
TEL: (978) 557-5553
FAX: (978) 336-5586

EMPIRE telecom
16 ESQUIRE ROAD
BILLERICA, MA 01862
TEL: (978) 608-8400

SITE NUMBER: NH2062
SITE NAME: CONGRESS STREET

55 CONGRESS STREET
PORTSMOUTH, NH 03801
ROCKINGHAM COUNTY

at&t
550 COCHITUATE ROAD
FRAMINGHAM, MA 01701

NO.	DATE	REVISIONS	BY	CHK	APP'D
3	06/02/20	ISSUED FOR CONSTRUCTION	CC	JC	DBH
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SCALE: AS SHOWN | DESIGNED BY: JC | DRAWN BY: AR

STATE OF NEW HAMPSHIRE — DANIEL P HAMM — NO. 11013 — LICENSED PROFESSIONAL ENGINEER

AT&T

TITLE SHEET
(LTE 4C/5C)

JOB NUMBER	DRAWING NUMBER	REV
NH2062	T-1	3

GROUNDING NOTES

1. THE SUBCONTRACTOR SHALL REVIEW AND INSPECT THE EXISTING FACILITY GROUNDING SYSTEM AND LIGHTNING PROTECTION SYSTEM (AS DESIGNED AND INSTALLED) FOR STRICT COMPLIANCE WITH THE NEC (AS ADOPTED BY THE AHJ), THE SITE-SPECIFIC (UL, LPI, OR NFPA) LIGHTING PROTECTION CODE, AND GENERAL COMPLIANCE WITH TELCORDIA AND TIA GROUNDING STANDARDS. THE SUBCONTRACTOR SHALL REPORT ANY VIOLATIONS OR ADVERSE FINDINGS TO THE CONTRACTOR FOR RESOLUTION.

2. ALL GROUND ELECTRODE SYSTEMS (INCLUDING TELECOMMUNICATION, RADIO, LIGHTNING PROTECTION, AND AC POWER GES'S) SHALL BE BONDED TOGETHER, AT OR BELOW GRADE, BY TWO OR MORE COPPER BONDING CONDUCTORS IN ACCORDANCE WITH THE NEC.

3. THE SUBCONTRACTOR SHALL PERFORM IEEE FALL-OF-POTENTIAL RESISTANCE TO EARTH TESTING (PER IEEE 1100 AND 81) FOR NEW GROUND ELECTRODE SYSTEMS. THE SUBCONTRACTOR SHALL FURNISH AND INSTALL SUPPLEMENTAL GROUND ELECTRODES AS NEEDED TO ACHIEVE A TEST RESULT OF 5 OHMS OR LESS.

4. METAL RACEWAY SHALL NOT BE USED AS THE NEC REQUIRED EQUIPMENT GROUND CONDUCTOR. STRANDED COPPER CONDUCTORS WITH GREEN INSULATION, SIZED IN ACCORDANCE WITH THE NEC, SHALL BE FURNISHED AND INSTALLED WITH THE POWER CIRCUITS TO BTS EQUIPMENT.

5. EACH BTS CABINET FRAME SHALL BE DIRECTLY CONNECTED TO THE MASTER GROUND BAR WITH GREEN INSULATED SUPPLEMENTAL EQUIPMENT GROUND WIRES, 6 AWG STRANDED COPPER OR LARGER FOR INDOOR BTS 2 AWG STRANDED COPPER FOR OUTDOOR BTS.

6. EXOTHERMIC WELDS SHALL BE USED FOR ALL GROUNDING CONNECTIONS BELOW GRADE.

7. APPROVED ANTIOXIDANT COATINGS (I.E., CONDUCTIVE GEL OR PASTE) SHALL BE USED ON ALL COMPRESSION AND BOLTED GROUND CONNECTIONS.

8. ICE BRIDGE BONDING CONDUCTORS SHALL BE EXOTHERMICALLY BONDED OR BOLTED TO GROUND BAR.

9. ALUMINUM CONDUCTOR OR COPPER CLAD STEEL CONDUCTOR SHALL NOT BE USED FOR GROUNDING CONNECTIONS.

10. MISCELLANEOUS ELECTRICAL AND NON-ELECTRICAL METAL BOXES, FRAMES AND SUPPORTS SHALL BE BONDED TO THE GROUND RING, IN ACCORDANCE WITH THE NEC.

11. METAL CONDUIT SHALL BE MADE ELECTRICALLY CONTINUOUS WITH LISTED BONDING FITTINGS OR BY BONDING ACROSS THE DISCONTINUITY WITH 6 AWS COPPER WIRE UL APPROVED GROUNDING TYPE CONDUIT CLAMPS.

12. ALL NEW STRUCTURES WITH A FOUNDATION AND/OR FOOTING HAVING 20 FT. OR MORE OF 1/2 IN. OR GREATER ELECTRICALLY CONDUCTIVE REINFORCING STEEL MUST HAVE IT BONDED TO THE GROUND RING USING AN EXOTHERMIC WELD CONNECTION USING #2 AWG SOLID BARE TINNED COPPER GROUND WIRE, PER NEC 250.50

GENERAL NOTES

1. FOR THE PURPOSE OF CONSTRUCTION DRAWING, THE FOLLOWING DEFINITIONS SHALL APPLY:

   CONTRACTOR – EMPIRE
   SUBCONTRACTOR – GENERAL CONTRACTOR (CONSTRUCTION)
   OWNER – AT&T MOBILITY

2. PRIOR TO THE SUBMISSION OF BIDS, THE BIDDING SUBCONTRACTOR SHALL VISIT THE CELL SITE TO FAMILIARIZE WITH THE EXISTING CONDITIONS AND TO CONFIRM THAT THE WORK CAN BE ACCOMPLISHED AS SHOWN ON THE CONSTRUCTION DRAWINGS. ANY DISCREPANCY FOUND SHALL BE BROUGHT TO THE ATTENTION OF CONTRACTOR.

3. ALL MATERIALS FURNISHED AND INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS, AND ORDINANCES. SUBCONTRACTOR SHALL ISSUE ALL APPROPRIATE NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS, AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY REGARDING THE PERFORMANCE OF THE WORK. ALL WORK CARRIED OUT SHALL COMPLY WITH ALL APPLICABLE MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS AND LOCAL JURISDICTIONAL CODES, ORDINANCES AND APPLICABLE REGULATIONS.

4. DRAWINGS PROVIDED HERE ARE NOT TO BE SCALED AND ARE INTENDED TO SHOW OUTLINE ONLY.

5. UNLESS NOTED OTHERWISE, THE WORK SHALL INCLUDE FURNISHING MATERIALS, EQUIPMENT, APPURTENANCES, AND LABOR NECESSARY TO COMPLETE ALL INSTALLATIONS AS INDICATED ON THE DRAWINGS.

6. "KITTING LIST" SUPPLIED WITH THE BID PACKAGE IDENTIFIES ITEMS THAT WILL BE SUPPLIED BY CONTRACTOR. ITEMS NOT INCLUDED IN THE BILL OF MATERIALS AND KITTING LIST SHALL BE SUPPLIED BY THE SUBCONTRACTOR.

7. THE SUBCONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY STATED OTHERWISE.

8. IF THE SPECIFIED EQUIPMENT CANNOT BE INSTALLED AS SHOWN ON THESE DRAWINGS, THE SUBCONTRACTOR SHALL PROPOSE AN ALTERNATIVE INSTALLATION SPACE FOR APPROVAL BY THE CONTRACTOR.

9. SUBCONTRACTOR SHALL DETERMINE ACTUAL ROUTING OF CONDUIT, POWER AND T1 CABLES, GROUNDING CABLES AS SHOWN ON THE POWER, GROUNDING AND TELCO PLAN DRAWING. SUBCONTRACTOR SHALL UTILIZE EXISTING TRAYS AND/OR SHALL ADD NEW TRAYS AS NECESSARY. SUBCONTRACTOR SHALL CONFIRM THE ACTUAL ROUTING WITH THE CONTRACTOR.

10. THE SUBCONTRACTOR SHALL PROTECT EXISTING IMPROVEMENTS, PAVEMENTS, CURBS, LANDSCAPING AND STRUCTURES. ANY DAMAGED PART SHALL BE REPAIRED AT SUBCONTRACTOR'S EXPENSE TO THE SATISFACTION OF OWNER.

11. SUBCONTRACTOR SHALL LEGALLY AND PROPERLY DISPOSE OF ALL SCRAP MATERIALS SUCH AS COAXIAL CABLES AND OTHER ITEMS REMOVED FROM THE EXISTING FACILITY. ANTENNAS REMOVED SHALL BE RETURNED TO THE OWNER'S DESIGNATED LOCATION.

12. SUBCONTRACTOR SHALL LEAVE PREMISES IN CLEAN CONDITION.

13. ALL CONCRETE REPAIR WORK SHALL BE DONE IN ACCORDANCE WITH AMERICAN CONCRETE INSTITUTE (ACI) 301.

14. ANY NEW CONCRETE NEEDED FOR THE CONSTRUCTION SHALL BE AIR-ENTRAINED AND SHALL HAVE 4000 PSI STRENGTH AT 28 DAYS. ALL CONCRETE WORK SHALL BE DONE IN ACCORDANCE WITH ACI 318 CODE REQUIREMENTS.

15. ALL STRUCTURAL STEEL WORK SHALL BE DETAILED, FABRICATED AND ERECTED IN ACCORDANCE WITH AISC SPECIFICATIONS. ALL STRUCTURAL STEEL SHALL BE ASTM A36 (Fy = 36 ksi) UNLESS OTHERWISE NOTED. PIPES SHALL BE ASTM A53 TYPE E (Fy = 36 ksi). ALL STEEL EXPOSED TO WEATHER SHALL BE HOT DIPPED GALVANIZED. TOUCHUP ALL SCRATCHES AND OTHER MARKS IN THE FIELD AFTER STEEL IS ERECTED USING A COMPATIBLE ZINC RICH PAINT.

16. CONSTRUCTION SHALL COMPLY WITH SPECIFICATIONS AND "GENERAL CONSTRUCTION SERVICES FOR CONSTRUCTION OF AT&T SITES."

17. SUBCONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS PRIOR TO COMMENCING ANY WORK. ALL DIMENSIONS OF EXISTING CONSTRUCTION SHOWN ON THE DRAWINGS MUST BE VERIFIED. SUBCONTRACTOR SHALL NOTIFY THE CONTRACTOR OF ANY DISCREPANCIES PRIOR TO ORDERING MATERIAL OR PROCEEDING WITH CONSTRUCTION.

18. THE EXISTING CELL SITE IS IN FULL COMMERCIAL OPERATION. ANY CONSTRUCTION WORK BY SUBCONTRACTOR SHALL NOT DISRUPT THE EXISTING NORMAL OPERATION. ANY WORK ON EXISTING EQUIPMENT MUST BE COORDINATED WITH CONTRACTOR. ALSO, WORK SHOULD BE SCHEDULED FOR AN APPROPRIATE MAINTENANCE WINDOW USUALLY IN LOW TRAFFIC PERIODS AFTER MIDNIGHT.

19. SINCE THE CELL SITE IS ACTIVE, ALL SAFETY PRECAUTIONS MUST BE TAKEN WHEN WORKING AROUND HIGH LEVELS OF ELECTROMAGNETIC RADIATION. EQUIPMENT SHOULD BE SHUTDOWN PRIOR TO PERFORMING ANY WORK THAT COULD EXPOSE THE WORKERS TO DANGER. PERSONAL RF EXPOSURE MONITORS ARE ADVISED TO BE WORN TO ALERT OF ANY DANGEROUS EXPOSURE LEVELS.

20. APPLICABLE BUILDING CODES:
    SUBCONTRACTOR'S WORK SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE, AND LOCAL CODES AS ADOPTED BY THE LOCAL AUTHORITY HAVING JURISDICTION (AHJ) FOR THE LOCATION. THE EDITION OF THE AHJ ADOPTED CODES AND STANDARDS IN EFFECT ON THE DATE OF CONTRACT AWARD SHALL GOVERN THE DESIGN.

    BUILDING CODE: IBC 2015 WITH NEW HAMPSHIRE AMENDMENTS
    ELECTRICAL CODE: REFER TO ELECTRICAL DRAWINGS

    SUBCONTRACTOR'S WORK SHALL COMPLY WITH THE LATEST EDITION OF THE FOLLOWING STANDARDS:

    AMERICAN CONCRETE INSTITUTE (ACI) 318; BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE;

    AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) MANUAL OF STEEL CONSTRUCTION, ASD, FOURTEENTH EDITION;

    TELECOMMUNICATIONS INDUSTRY ASSOCIATION (TIA) 222-H, STRUCTURAL STANDARDS FOR STEEL

    FOR ANY CONFLICTS BETWEEN SECTIONS OF LISTED CODES AND STANDARDS REGARDING MATERIAL, METHODS OF CONSTRUCTION, OR OTHER REQUIREMENTS, THE MOST RESTRICTIVE REQUIREMENT SHALL GOVERN. WHERE THERE IS CONFLICT BETWEEN A GENERAL REQUIREMENT AND A SPECIFIC REQUIREMENT, THE SPECIFIC REQUIREMENT SHALL GOVERN.

ABBREVIATIONS

AGL	ABOVE GRADE LEVEL	EQ	EQUAL	REQ	REQUIRED
AWG	AMERICAN WIRE GAUGE	GC	GENERAL CONTRACTOR	RF	RADIO FREQUENCY
BBU	BATTERY BACKUP UNIT	GRC	GALVANIZED RIGID CONDUIT	TBD	TO BE DETERMINED
BTCW	BARE TINNED SOLID COPPER WIRE	MGB	MASTER GROUND BAR	TBR	TO BE REMOVED
BGR	BURIED GROUND RING	MIN	MINIMUM	TBRR	TO BE REMOVED AND REPLACED
BTS	BASE TRANSCEIVER STATION	P	PROPOSED	TYP	TYPICAL
E	EXISTING	NTS	NOT TO SCALE	UG	UNDER GROUND
EGB	EQUIPMENT GROUND BAR	RAD	RADIATION CENTER LINE (ANTENNA)	VIF	VERIFY IN FIELD
EGR	EQUIPMENT GROUND RING	REF	REFERENCE		

HUDSON Design Group LLC
45 BEECHWOOD DRIVE
NORTH ANDOVER, MA 01845
TEL: (978) 557-5553
FAX: (978) 336-5586

EMPIRE telecom
16 ESQUIRE ROAD
BILLERICA, MA 01862
TEL: (978) 608-8400

SITE NUMBER: NH2062
SITE NAME: CONGRESS STREET

55 CONGRESS STREET
PORTSMOUTH, NH 03801
ROCKINGHAM COUNTY

at&t
550 COCHITUATE ROAD
FRAMINGHAM, MA 01701

NO.	DATE	REVISIONS	BY	CHK	APP'D
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SCALE: AS SHOWN | DESIGNED BY: JC | DRAWN BY: AR

STATE OF NEW HAMPSHIRE
DANIEL C. HAMM
No. 11013
LICENSED PROFESSIONAL ENGINEER

AT&T

GENERAL NOTES
(LTE 4C/5C)

JOB NUMBER	DRAWING NUMBER	REV
NH2062	GN-1	3

STRUCTURAL NOTES:

1. DESIGN REQUIREMENTS ARE PER STATE BUILDING CODE AND APPLICABLE SUPPLEMENTS, INTERNATIONAL BUILDING CODE, EIA/TIA-222-H STRUCTURAL STANDARDS FOR STEEL ANTENNA, TOWERS AND ANTENNA SUPPORTING STRUCTURES.
2. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO FABRICATION AND ERECTION OF ANY MATERIAL. ANY UNUSUAL CONDITIONS SHALL BE REPORTED TO THE ATTENTION OF THE CONSTRUCTION MANAGER AND ENGINEER OF RECORD.
3. DESIGN AND CONSTRUCTION OF STRUCTURAL STEEL SHALL CONFORM TO THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION "SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS".
4. STRUCTURAL STEEL SHALL CONFORM TO ASTM A992 (Fy=50 ksi), MISCELLANEOUS STEEL SHALL CONFORM TO ASTM A36 UNLESS OTHERWISE INDICATED.
5. STEEL PIPE SHALL CONFORM TO ASTM A500 "COLD-FORMED WELDED & SEAMLESS CARBON STEEL STRUCTURAL TUBING", GRADE B, OR ASTM A53 PIPE STEEL BLACK AND HOT-DIPPED ZINC-COATED WELDED AND SEAMLESS TYPE E OR S, GRADE B. PIPE SIZES INDICATED ARE NOMINAL. ACTUAL OUTSIDE DIAMETER IS LARGER.
6. STRUCTURAL CONNECTION BOLTS SHALL BE HIGH STRENGTH BOLTS (BEARING TYPE) AND CONFORM TO ASTM A325 TYPE-X "HIGH STRENGTH BOLTS FOR STRUCTURAL JOINTS, INCLUDING SUITABLE NUTS AND PLAIN HARDENED WASHERS". ALL BOLTS SHALL BE 3/4" DIA UON.
7. ALL STEEL MATERIALS SHALL BE GALVANIZED AFTER FABRICATION IN ACCORDANCE WITH ASTM A123 "ZINC (HOT-DIP GALVANIZED) COATINGS ON IRON AND STEEL PRODUCTS", UNLESS OTHERWISE NOTED.
8. ALL BOLTS, ANCHORS AND MISCELLANEOUS HARDWARE SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A153 "ZINC-COATING (HOT-DIP) ON IRON AND STEEL HARDWARE", UNLESS OTHERWISE NOTED.
9. FIELD WELDS, DRILL HOLES, SAW CUTS AND ALL DAMAGED GALVANIZED SURFACES SHALL BE REPAIRED WITH AN ORGANIC ZINC REPAIR PAINT COMPLYING WITH REQUIREMENTS OF ASTM A780. GALVANIZING REPAIR PAINT SHALL HAVE 65 PERCENT ZINC BY WEIGHT, ZIRP BY DUNCAN GALVANIZING, GALVA BRIGHT PREMIUM BY CROWN OR EQUAL. THICKNESS OF APPLIED GALVANIZING REPAIR PAINT SHALL BE NOT NOT LESS THAN 4 COATS (ALLOW TIME TO DRY BETWEEN COATS) WITH A RESULTING COATING THICKNESS REQUIRED BY ASTM A123 OR A153 AS APPLICABLE.
10. CONTRACTOR SHALL COMPLY WITH AWS CODE FOR PROCEDURES, APPEARANCE AND QUALITY OF WELDS, AND FOR METHODS USED IN CORRECTING WELDING. ALL WELDERS AND WELDING PROCESSES SHALL BE QUALIFIED IN ACCORDANCE WITH AWS "STANDARD QUALIFICATION PROCEDURES". ALL WELDING SHALL BE DONE USING E70XX ELECTRODES AND WELDING SHALL CONFORM TO AISC AND D1.1. WHERE FILLET WELD SIZES ARE NOT SHOWN, PROVIDE THE MINIMUM SIZE PER TABLE J2.4 IN THE AISC "STEEL CONSTRUCTION MANUAL". 14TH EDITION.
11. INCORRECTLY FABRICATED, DAMAGED OR OTHERWISE MISFITTING OR NON-CONFORMING MATERIALS OR CONDITIONS SHALL BE REPORTED TO THE CONSTRUCTION MANAGER PRIOR TO REMEDIAL OR CORRECTIVE ACTION. ANY SUCH ACTION SHALL REQUIRE CONSTRUCTION MANAGER APPROVAL.
12. UNISTRUT SHALL BE FORMED STEEL CHANNEL STRUT FRAMING AS MANUFACTURED BY UNISTRUT CORP., WAYNE, MI OR EQUAL. STRUT MEMBERS SHALL BE 1 5/8"x1 5/8"x12GA, UNLESS OTHERWISE NOTED, AND SHALL BE HOT-DIP GALVANIZED AFTER FABRICATION.
13. EPOXY ANCHOR ASSEMBLY SHALL CONSIST OF STAINLESS STEEL ANCHOR ROD WITH NUTS & WASHERS. AN INTERNALLY THREADED INSERT, A SCREEN TUBE AND A EPOXY ADHESIVE. THE ANCHORING SYSTEM SHALL BE THE HILTI-HIT HY-70 AND OR HY-200 SYSTEMS (AS SPECIFIED IN DWG.) OR ENGINEERS APPROVED EQUAL.
14. EXPANSION BOLTS SHALL CONFORM TO FEDERAL SPECIFICATION FF-S-325, GROUP II, TYPE 4, CLASS I, HILTI KWIK BOLT III OR APPROVED EQUAL. INSTALLATION SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
15. LUMBER SHALL COMPLY WITH THE REQUIREMENTS OF THE AMERICAN INSTITUTE OF TIMBER CONSTRUCTION AND THE NATIONAL FOREST PRODUCTS ASSOCIATION'S NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION. ALL LUMBER SHALL BE PRESSURE TREATED AND SHALL BE STRUCTURAL GRADE NO. 2 OR BETTER.
16. WHERE ROOF PENETRATIONS ARE REQUIRED, THE CONTRACTOR SHALL CONTACT AND COORDINATE RELATED WORK WITH THE BUILDING OWNER AND THE EXISTING ROOF INSTALLER. WORK SHALL BE PERFORMED IN SUCH A MANNER AS TO NOT VOID THE EXISTING ROOF WARRANTY. ROOF SHALL BE WATERTIGHT.
17. ALL FIBERGLASS MEMBERS USED ARE AS MANUFACTURED BY STRONGWELL COMPANY OF BRISTOL, VA 24203. ALL DESIGN CRITERIA FOR THESE MEMBERS IS BASED ON INFORMATION PROVIDED IN THE DESIGN MANUAL. ALL REQUIREMENTS PUBLISHED IN SAID MANUAL MUST BE STRICTLY ADHERED TO.
18. NO MATERIALS TO BE ORDERED AND NO WORK TO BE COMPLETED UNTIL SHOP DRAWINGS HAVE BEEN REVIEWED AND APPROVED IN WRITING.
19. SUBCONTRACTOR SHALL FIREPROOF ALL STEEL TO PRE-EXISTING CONDITIONS.

SPECIAL INSPECTION CHECKLIST

BEFORE CONSTRUCTION	
CONSTRUCTION/INSTALLATION INSPECTIONS AND TESTING REQUIRED (COMPLETED BY ENGINEER OF RECORD)	REPORT ITEM
REQUIRED	ENGINEER OF RECORD APPROVED SHOP DRAWINGS [1]
REQUIRED	MATERIAL SPECIFICATIONS REPORT [2]
N/A	FABRICATOR NDE INSPECTION
REQUIRED	PACKING SLIPS [3]
ADDITIONAL TESTING AND INSPECTIONS:	
DURING CONSTRUCTION	
CONSTRUCTION/INSTALLATION INSPECTIONS AND TESTING REQUIRED (COMPLETED BY ENGINEER OF RECORD)	REPORT ITEM
REQUIRED	STEEL INSPECTIONS
N/A	HIGH STRENGTH BOLT INSPECTIONS
N/A	HIGH WIND ZONE INSPECTIONS [4]
N/A	FOUNDATION INSPECTIONS
N/A	CONCRETE COMP. STRENGTH, SLUMP TESTS AND PLACEMENT
N/A	POST INSTALLED ANCHOR VERIFICATION [5]
N/A	GROUT VERIFICATION
N/A	CERTIFIED WELD INSPECTION
N/A	EARTHWORK: LIFT AND DENSITY
N/A	ON SITE COLD GALVANIZING VERIFICATION
N/A	GUY WIRE TENSION REPORT
ADDITIONAL TESTING AND INSPECTIONS:	
AFTER CONSTRUCTION	
CONSTRUCTION/INSTALLATION INSPECTIONS AND TESTING REQUIRED (COMPLETED BY ENGINEER OF RECORD)	REPORT ITEM
REQUIRED	MODIFICATION INSPECTOR REDLINE OR RECORD DRAWINGS [6]
N/A	POST INSTALLED ANCHOR PULL-OUT TESTING
REQUIRED	PHOTOGRAPHS
ADDITIONAL TESTING AND INSPECTIONS:	

NOTES:

1. REQUIRED FOR ANY NEW SHOP FABRICATED FRP OR STEEL.
2. PROVIDED BY MANUFACTURER, REQUIRED IF HIGH STRENGTH BOLTS OR STEEL.
3. PROVIDED BY GENERAL CONTRACTOR; PROOF OF MATERIALS.
4. HIGH WIND ZONE INSPECTION CATB 120MPH OR CAT C,D 110MPH INSPECT FRAMING OF WALLS, ANCHORING, FASTENING SCHEDULE.
5. ADHESIVE FOR REBAR AND ANCHORS SHALL HAVE BEEN TESTED IN ACCORDANCE WITH ACI 355.4 AND ICC-ES AC308 FOR CRACKED CONCRETE AND SEISMIC APPLICATIONS. DESIGN ADHESIVE BOND STRENGTH HAS BEEN BASED ON ACI 355.4 TEMPERATURE CATEGORY B WITH INSTALLATIONS INTO DRY HOLES DRILLED USING A CARBIDE BIT INTO CRACKED CONCRETE THAT HAS CURED FOR AT LEAST 21 DAYS. ADHESIVE ANCHORS REQUIRING CERTIFIED INSTALLATIONS SHALL BE INSTALLED BY A CERTIFIED ADHESIVE ANCHOR INSTALLER PER ACI 318-11 D.9.2.2. INSTALLATIONS REQUIRING CERTIFIED INSTALLERS SHALL BE INSPECTED PER ACI 318-11 D.8.2.4.
6. AS REQUIRED; FOR ANY FIELD CHANGES TO THE ITEMS IN THIS TABLE.

SPECIAL INSPECTIONS (REFERENCE IBC CHAPTER 17):

GENERAL: WHERE APPLICATION IS MADE FOR CONSTRUCTION, THE OWNER OR THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE ACTING AS THE OWNER'S AGENT SHALL EMPLOY ONE OR MORE APPROVED AGENCIES TO PERFORM INSPECTIONS DURING CONSTRUCTION ON THE TYPES OF WORK LISTED IN THE INSPECTION CHECKLIST ABOVE.

THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE AND ENGINEERS OF RECORD INVOLVED IN THE DESIGN OF THE PROJECT ARE PERMITTED TO ACT AS THE APPROVED AGENCY AND THEIR PERSONNEL ARE PERMITTED TO ACT AS THE SPECIAL INSPECTOR FOR THE WORK DESIGNED BY THEM, PROVIDED THOSE PERSONNEL MEET THE QUALIFICATION REQUIREMENTS.

STATEMENT OF SPECIAL INSPECTIONS: THE APPLICANT SHALL SUBMIT A STATEMENT OF SPECIAL INSPECTIONS PREPARED BY THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE IN ACCORDANCE WITH SECTION 107.1 AS A CONDITION FOR ISSUANCE. THIS STATEMENT SHALL BE IN ACCORDANCE WITH SECTION 1705.

REPORT REQUIREMENT: SPECIAL INSPECTORS SHALL KEEP RECORDS OF INSPECTIONS. THE SPECIAL INSPECTOR SHALL FURNISH INSPECTION REPORTS TO THE BUILDING OFFICIAL, AND TO THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE. REPORTS SHALL INDICATE THAT WORK INSPECTED WAS OR WAS NOT COMPLETED IN CONFORMANCE TO APPROVED CONSTRUCTION DOCUMENTS. DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION. IF THEY ARE NOT CORRECTED, THE DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE BUILDING OFFICIAL AND TO THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE. A FINAL REPORT DOCUMENTING REQUIRED SPECIAL INSPECTIONS SHALL BE SUBMITTED.

NOTES:

1. ALL CONNECTIONS TO BE SHOP WELDED & FIELD BOLTED USING 3/4"ø A325-X BOLTS, UNLESS OTHERWISE NOTIFIED.
2. SHOP DRAWING ENGINEER REVIEW & APPROVAL REQUIRED BEFORE ORDERING MATERIAL.
3. SHOP DRAWING ENGINEER REVIEW & APPROVAL REQUIRED PRIOR TO STEEL FABRICATION.
4. VERIFICATION OF EXISTING ROOF CONSTRUCTION IS REQUIRED PRIOR TO THE INSTALLATION OF THE ROOF PLATFORM. ENGINEER OF RECORD IS TO APPROVE EXISTING CONDITIONS IN ORDER TO MOVE FORWARD.
5. CENTERLINE OF PROPOSED STEEL PLATFORM SUPPORT COLUMNS TO BE CENTRALLY LOCATED OVER THE EXISTING BUILDING COLUMNS.
6. EXISTING BRICK MASONRY COLUMNS/BEARING TO BE REPAIRED/REPLACED AT ALL PROPOSED PLATFORM SUPPORT POINTS. ENGINEER OF RECORD TO REVIEW AND APPROVE.

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SITE NUMBER: NH2062
SITE NAME: CONGRESS STREET

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ROCKINGHAM COUNTY

at&t
550 COCHITUATE ROAD
FRAMINGHAM, MA 01701

NO.	DATE	REVISIONS	BY	CHK	APP'D
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1	03/06/20	ISSUED FOR REVIEW	AC	JC	DPH

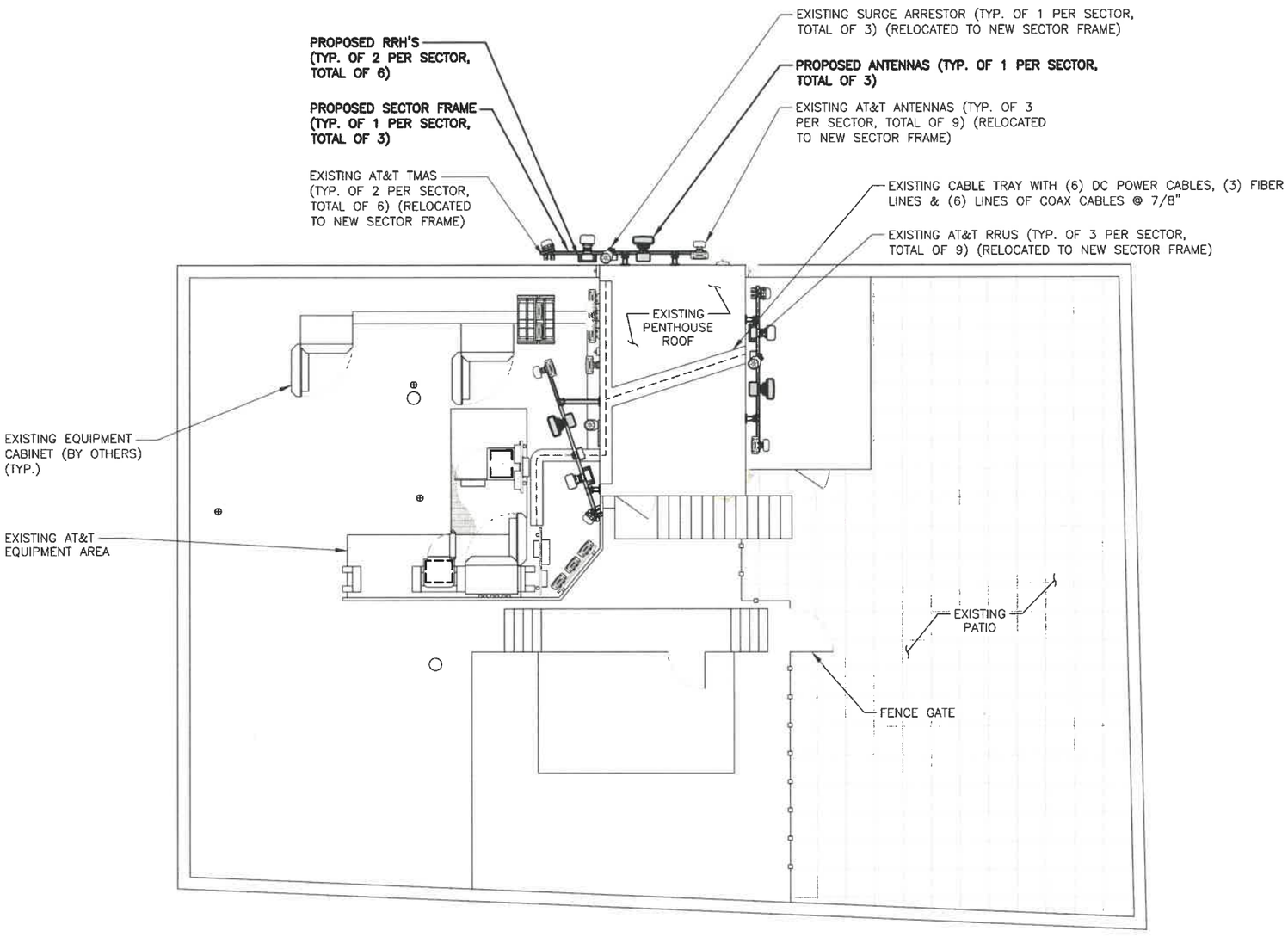
SCALE: AS SHOWN | DESIGNED BY: JC | DRAWN BY: AR

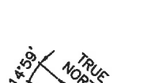
STATE OF NEW HAMPSHIRE
DANIEL P. HAMM
NO. 11013
LICENSED PROFESSIONAL ENGINEER

AT&T

STRUCTURAL NOTES
(LTE 4C/5C)

JOB NUMBER	DRAWING NUMBER	REV
NH2062	SN-1	3





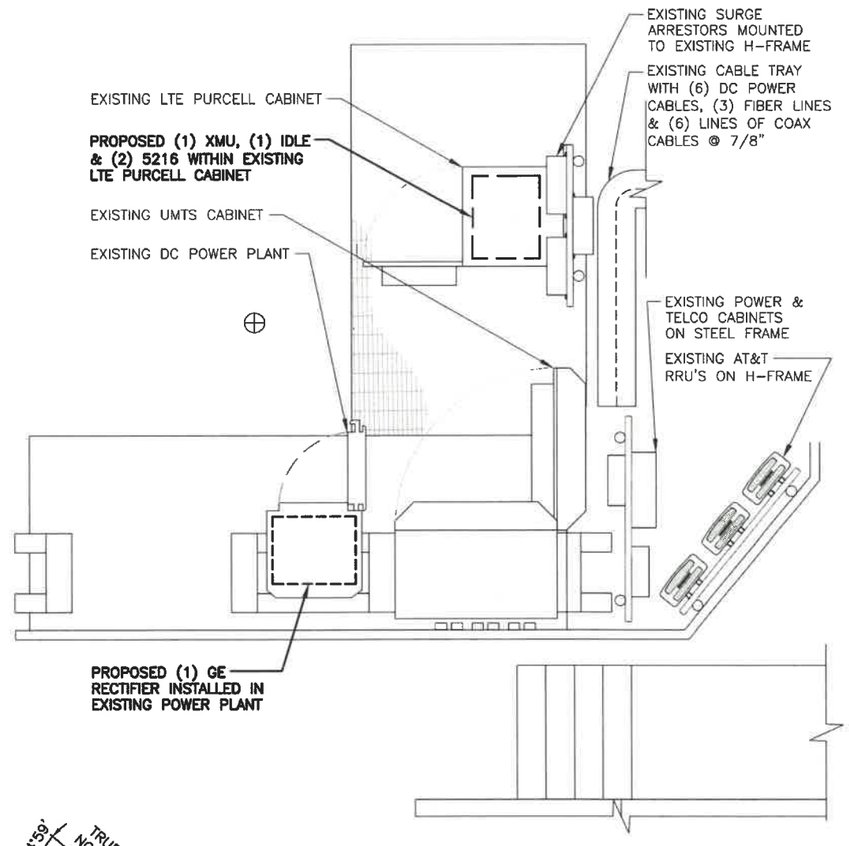
1
A-2

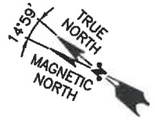
COMPOUND PLAN (1 A-1)
22x34 SCALE: 3/16"=1'-0"
11x17 SCALE: 3/32"=1'-0"

0 2'-8" 5'-4" 10'-8" 16'-0"

NOTE:
PAINT ALL VISIBLE PROPOSED EQUIPMENT TO MATCH EXISTING SURROUNDINGS

NOTE:
REFER TO STRUCTURAL ANALYSIS BY: HUDSON DESIGN GROUP, LLC, DATED: MARCH 24, 2020, FOR THE CAPACITY OF THE EXISTING STRUCTURES TO SUPPORT THE PROPOSED EQUIPMENT.





EQUIPMENT PLAN
22x34 SCALE: 1/2"=1'-0"
11x17 SCALE: 1/4"=1'-0"

0 1'-0" 2'-0" 4'-0" 6'-0"

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SCALE: AS SHOWN | DESIGNED BY: JC | DRAWN BY: AR

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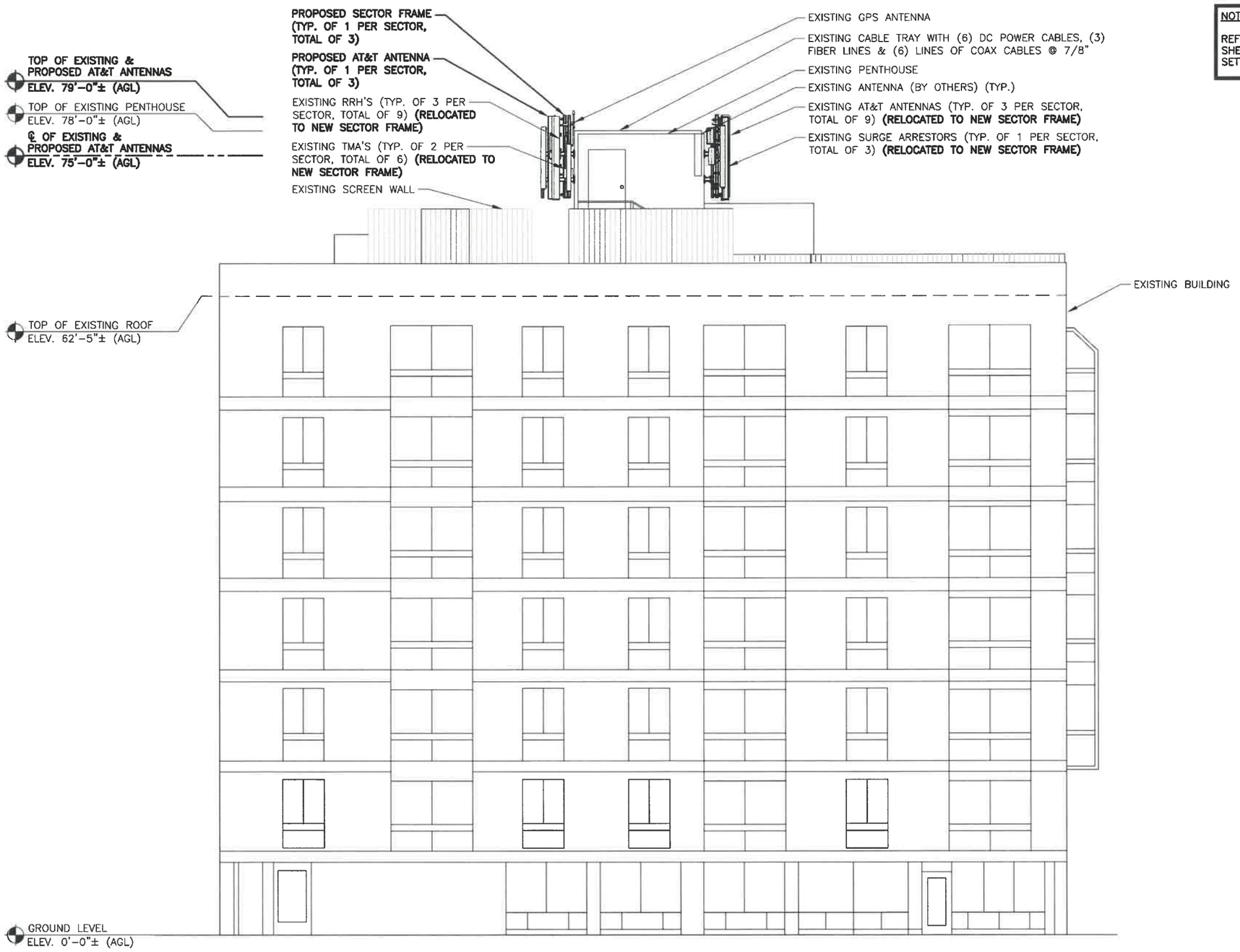
ROOF & EQUIPMENT PLANS (LTE 4C/5C)

JOB NUMBER	DRAWING NUMBER	REV
NH2062	A-1	3



SOUTHWEST ELEVATION (1 / A-2)
22x34 SCALE: 3/16"=1'-0"
11x17 SCALE: 3/32"=1'-0"

0 2'-8" 5'-4" 10'-8" 16'-0"

NOTE:
REFER TO THE FINAL RF DATA SHEET FOR FINAL ANTENNA SETTINGS.

NOTE:
REFER TO STRUCTURAL ANALYSIS BY: HUDSON DESIGN GROUP, LLC, DATED: MARCH 24, 2020, FOR THE CAPACITY OF THE EXISTING STRUCTURES TO SUPPORT THE PROPOSED EQUIPMENT.

NOTE:
PAINT ALL VISIBLE PROPOSED EQUIPMENT TO MATCH EXISTING SURROUNDINGS

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SCALE: AS SHOWN | DESIGNED BY: JC | DRAWN BY: AR

STATE OF NEW HAMPSHIRE
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ELEVATION
(LTE 4C/5C)

JOB NUMBER	DRAWING NUMBER	REV
NH2062	A-2	3

NOTE:
ANTENNAS AND MOUNTS TO BE ADJUSTED AS REQUIRED TO ACHIEVE A 3'-0" MINIMUM SEPARATION BETWEEN ANTENNAS

NOTE:
REFER TO THE FINAL RF DATA SHEET FOR FINAL ANTENNA SETTINGS.

NOTE:
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NOTE:
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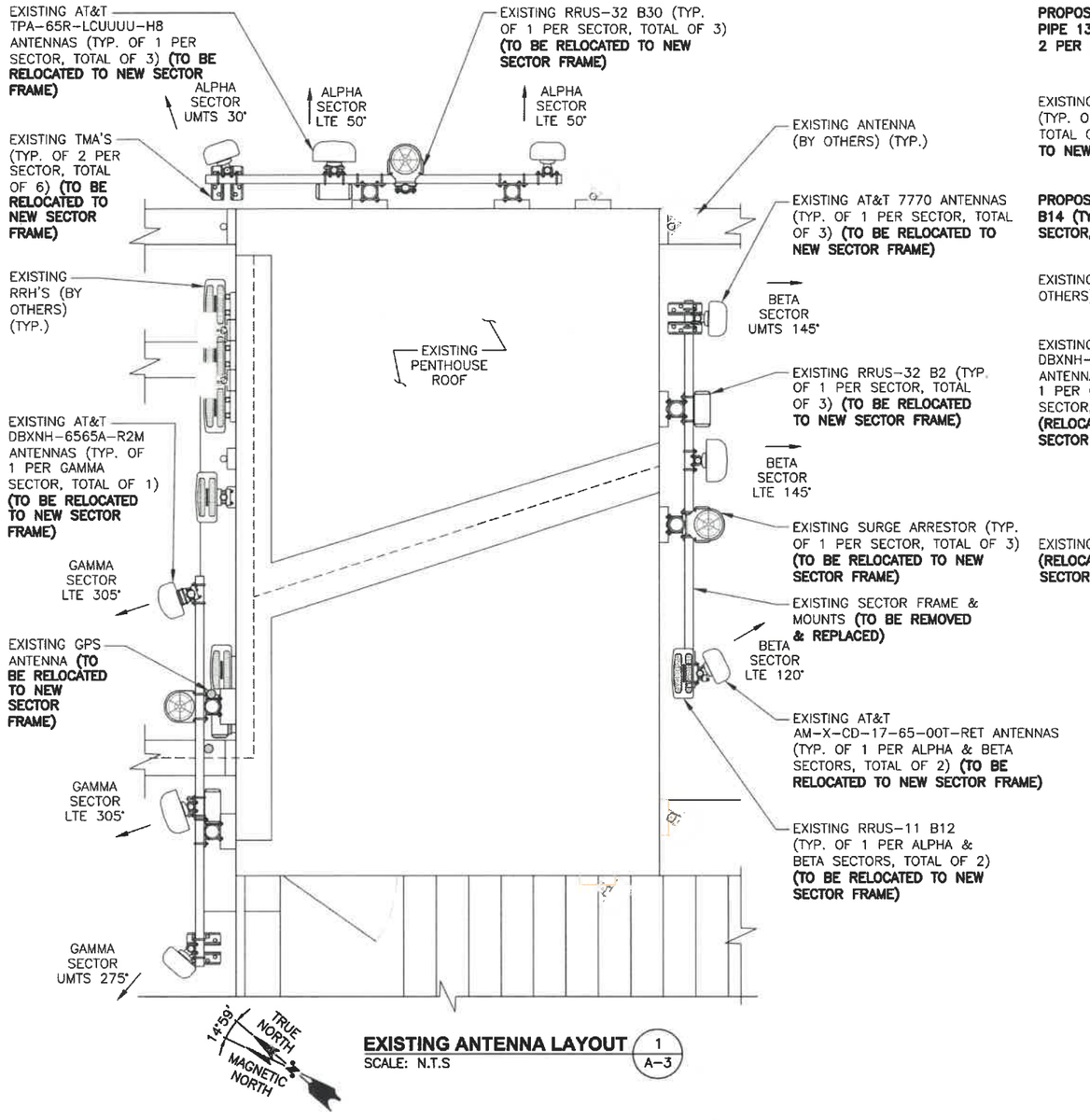
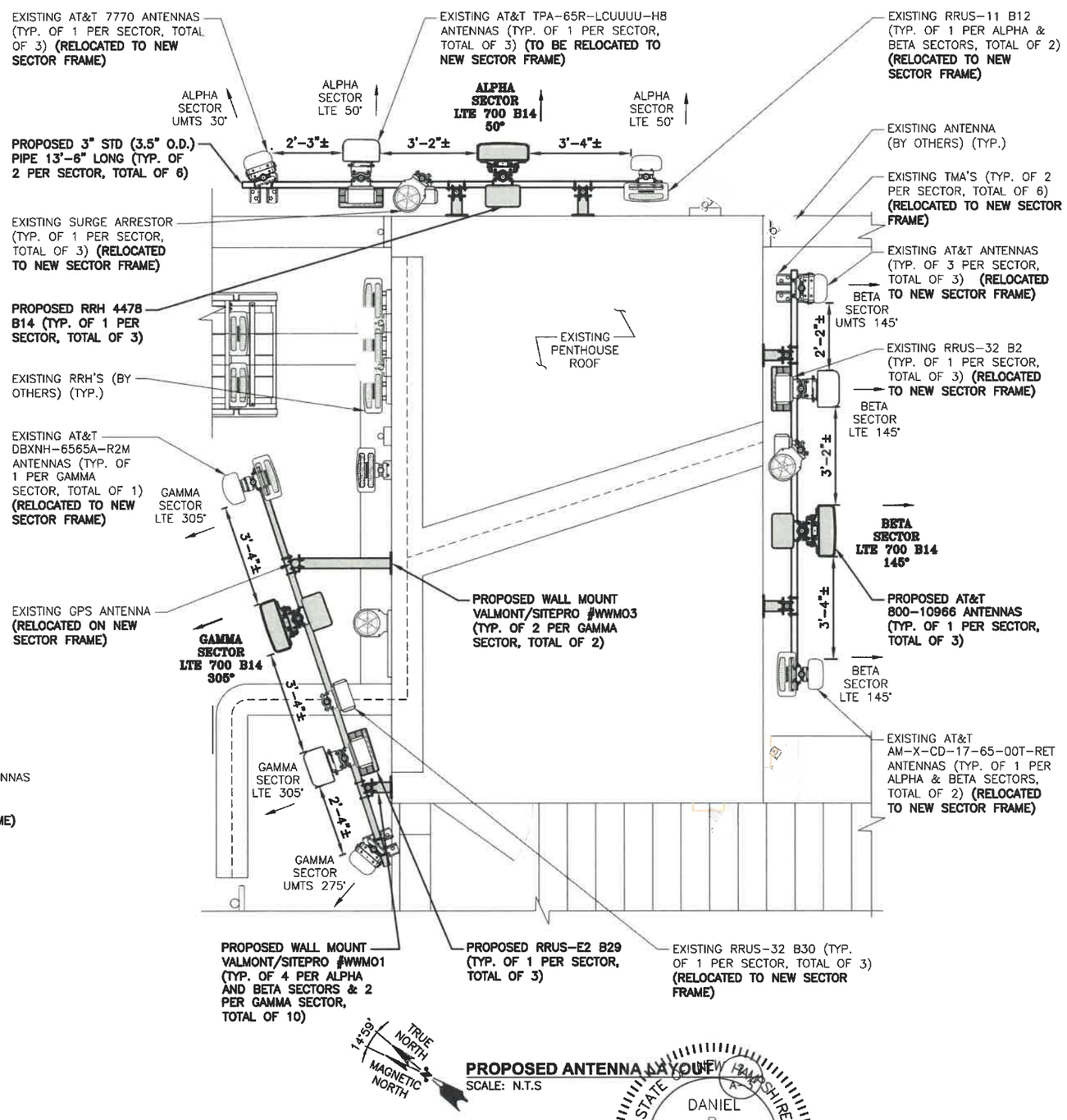


EXISTING ANTENNA LAYOUT (1 / A-3)
SCALE: N.T.S



PROPOSED ANTENNA LAYOUT
SCALE: N.T.S

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ANTENNA LAYOUT
(LTE 4C/5C)

JOB NUMBER	DRAWING NUMBER	REV
NH2062	A-3	3

FINAL ANTENNA SCHEDULE

SECTOR	BAND	ANTENNA		SIZE (INCHES) (L X W X D)	RAD CENTER	AZIMUTH	TMA'S		RRU'S		SIZE (INCHES) (L X W X D)	COAX JUMPERS	FIBER JUMPERS
ALPHA	UMTS 850	EXISTING	7770	55.0X11.0X5.0	75'-0"±	30°	EXISTING (2)	LGP 21401				2	–
	LTE 700 DE/ 850 AL/WCS/PCS	EXISTING	TAP-65R-LCUUUU-H8	96.0X14.4X8.6	75'-0"±	50°			**PROPOSED** EXISTING EXISTING	**RRUS-E2** RRUS-32 RRUS-32 B2	**20.0X20.4X9.5** 26.7X12.1X6.7 26.7X12.1X6.7	– – –	1 1 – –
	LTE 700 B14	**PROPOSED**	**800-10966**	**96.0X20.0X6.9**	**75'-0"±**	**50°**			**PROPOSED**	**4478 B14**	**15.0X13.2X7.4**	–	1
	LTE 700 BC	EXISTING	AM-X-CD-17-65-00T-RET	55.6X11.9X7.1	75'-0"±	50°			EXISTING	RRUS-11	19.7X17.0X7.2	–	–
BETA	UMTS 850	EXISTING	7770	55.0X11.0X5.0	75'-0"±	145°	EXISTING (2)	LGP 21401				2	–
	LTE 700 DE/ 850 AL/WCS/PCS	EXISTING	TAP-65R-LCUUUU-H8	96.0X14.4X8.6	75'-0"±	145°			**PROPOSED** EXISTING EXISTING	**RRUS-E2** RRUS-32 RRUS-32 B2	**20.0X20.4X9.5** 26.7X12.1X6.7 26.7X12.1X6.7	– – –	1 1 – –
	LTE 700 B14	**PROPOSED**	**800-10966**	**96.0X20.0X6.9**	**75'-0"±**	**145°**			**PROPOSED**	**4478 B14**	**15.0X13.2X7.4**	–	1
	LTE 700 BC	EXISTING	AM-X-CD-17-65-00T-RET	55.6X11.9X7.1	75'-0"±	145°			EXISTING	RRUS-11	19.7X17.0X7.2	–	–
GAMMA	UMTS 850	EXISTING	7770	55.0X11.0X5.0	75'-0"±	275°	EXISTING (2)	LGP 21401				2	–
	LTE 700 DE/ 850 AL/WCS/PCS	EXISTING	TAP-65R-LCUUUU-H8	96.0X14.4X8.6	75'-0"±	305°			**PROPOSED** EXISTING EXISTING	**RRUS-E2** RRUS-32 RRUS-32 B2	**20.0X20.4X9.5** 26.7X12.1X6.7 26.7X12.1X6.7	– – –	1 1 – –
	LTE 700 B14	**PROPOSED**	**800-10966**	**96.0X20.0X6.9**	**75'-0"±**	**305°**			**PROPOSED**	**4478 B14**	**15.0X13.2X7.4**	–	1
	LTE 700 BC	EXISTING	DBXNH-6565A-R2M	50.9X11.9X7.1	75'-0"±	305°			EXISTING	RRUS-11	19.7X17.0X7.2	–	–

NOTE:
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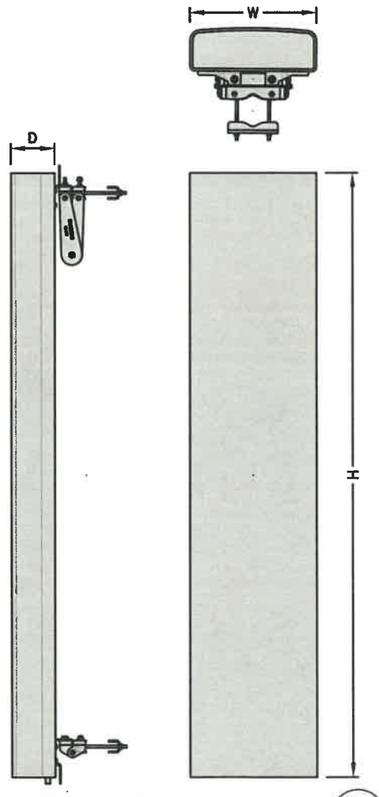
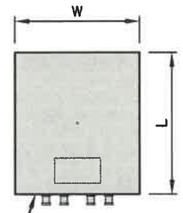
NOTE:
REFER TO THE FINAL RF DATA SHEET FOR FINAL ANTENNA SETTINGS.

NOTE:
PAINT ALL VISIBLE PROPOSED EQUIPMENT TO MATCH EXISTING SURROUNDINGS

FINAL ANTENNA CONFIGURATION TABLE (1 / A-4)
SCALE: N.T.S



PROPOSED ANTENNA DETAIL (2 / A-4)
SCALE: N.T.S



PROPOSED RRU REFER TO THE FINAL RFDS AND CHART FOR QUANTITY, MODEL AND DIMENSIONS

NOTE:
MOUNT PER MANUFACTURER'S SPECIFICATIONS.

NOTE:
SEE RFDS FOR RRH FREQUENCY AND MODEL NUMBER

PROPOSED RRH DETAIL (3 / A-4)
SCALE: N.T.S

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SITE NUMBER: NH2062
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STATE OF NEW HAMPSHIRE
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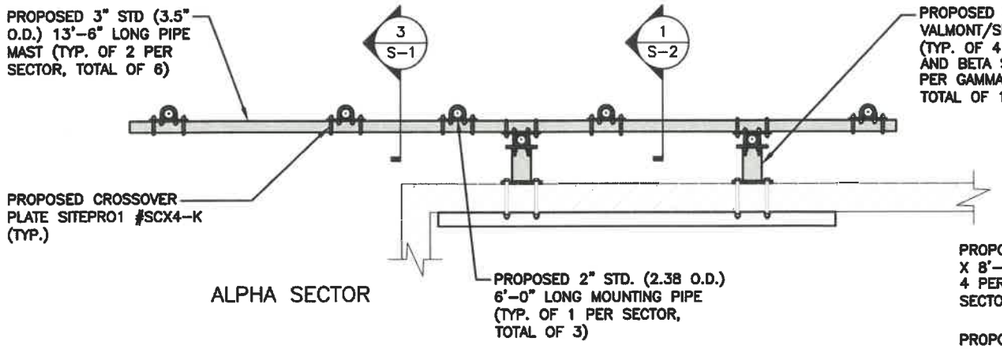
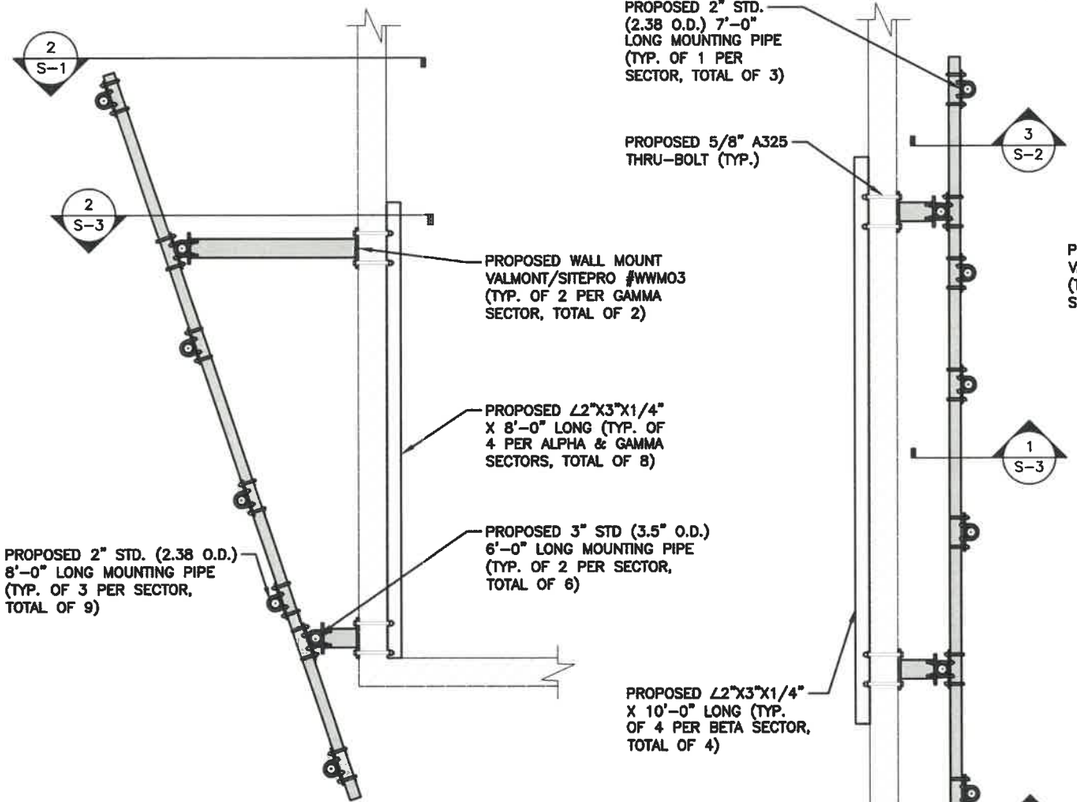
DETAILS
(LTE 4C/5C)

JOB NUMBER	DRAWING NUMBER	REV
NH2062	A-4	3



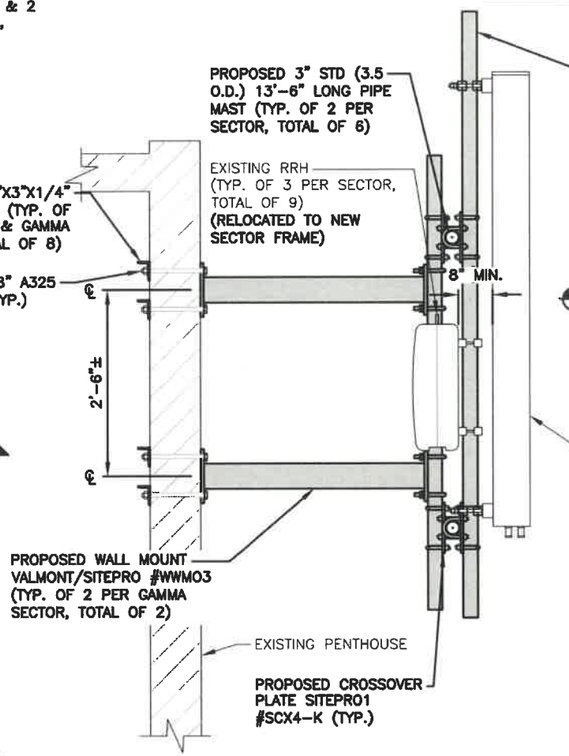
ALPHA SECTOR



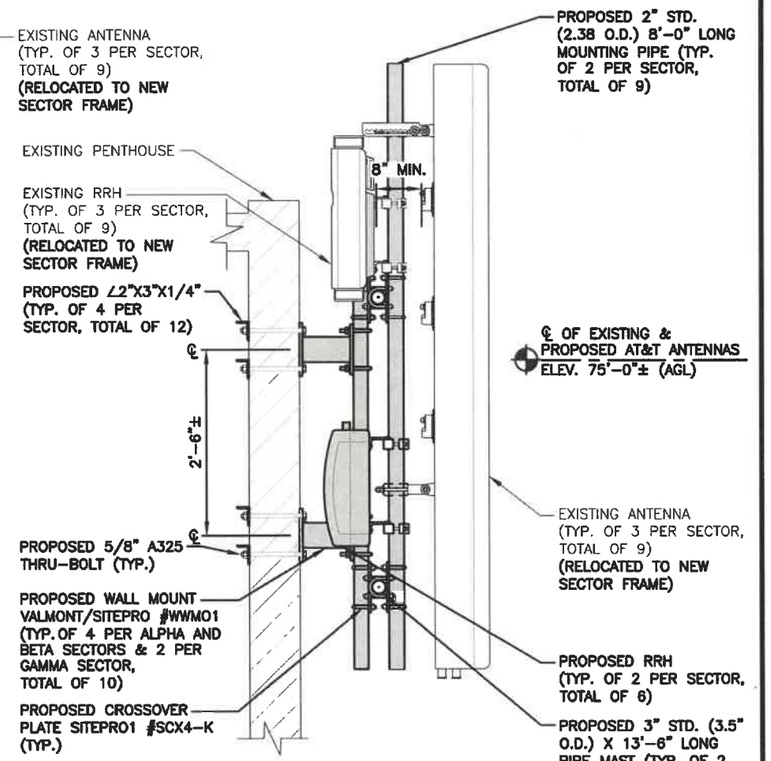
GAMMA SECTOR

BETA SECTOR

PROPOSED ANTENNA MOUNT PLAN VIEW 1 S-1
SCALE: N.T.S



PROPOSED ANTENNA & RRH RELOCATION DETAIL (GAMMA SECTOR) 2 S-1
SCALE: N.T.S



PROPOSED ANTENNA & RRH RELOCATION DETAIL (ALPHA & BETA SECTORS) 3 S-1
SCALE: N.T.S

NOTE:
PAINT ALL VISIBLE PROPOSED EQUIPMENT TO MATCH EXISTING SURROUNDINGS

NOTE:
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NOTE:
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SCALE: AS SHOWN | DESIGNED BY: JC | DRAWN BY: AR

DANIEL P. HAMM NO. 11013 LICENSED PROFESSIONAL ENGINEER

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DETAILS (LTE 4C/5C)

JOB NUMBER	DRAWING NUMBER	REV
NH2062	A-5	3

NOTE:
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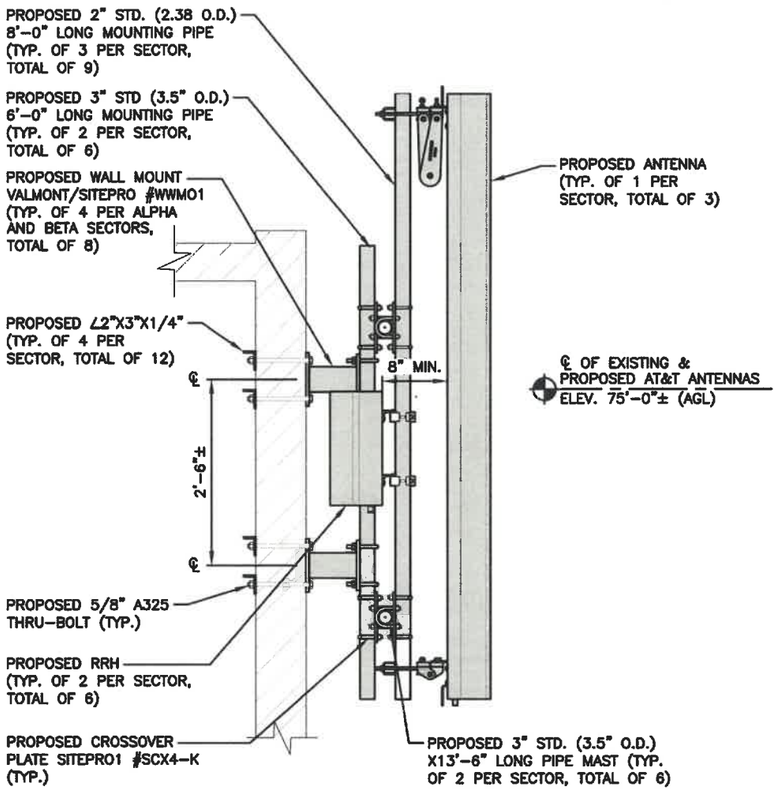
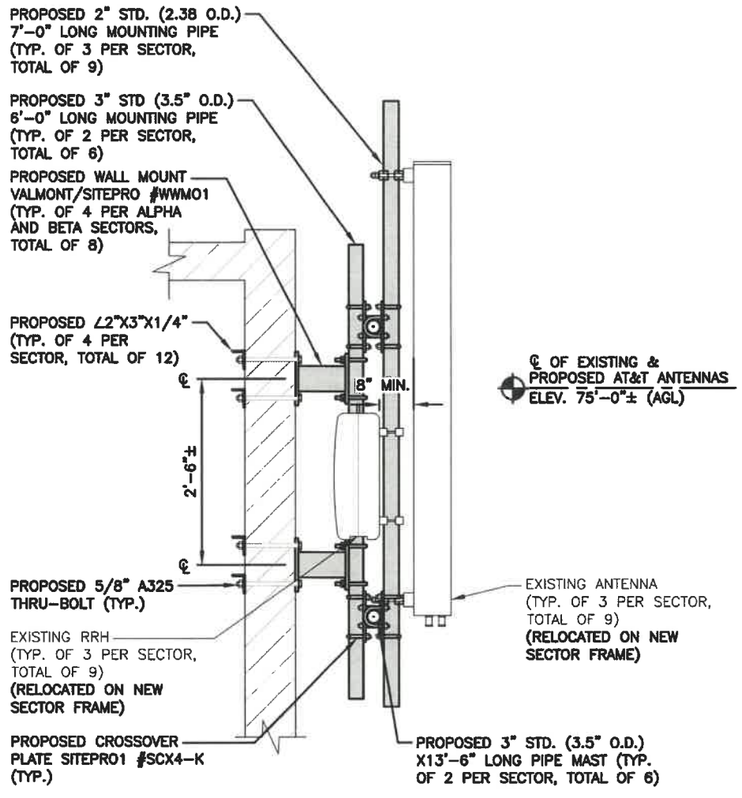


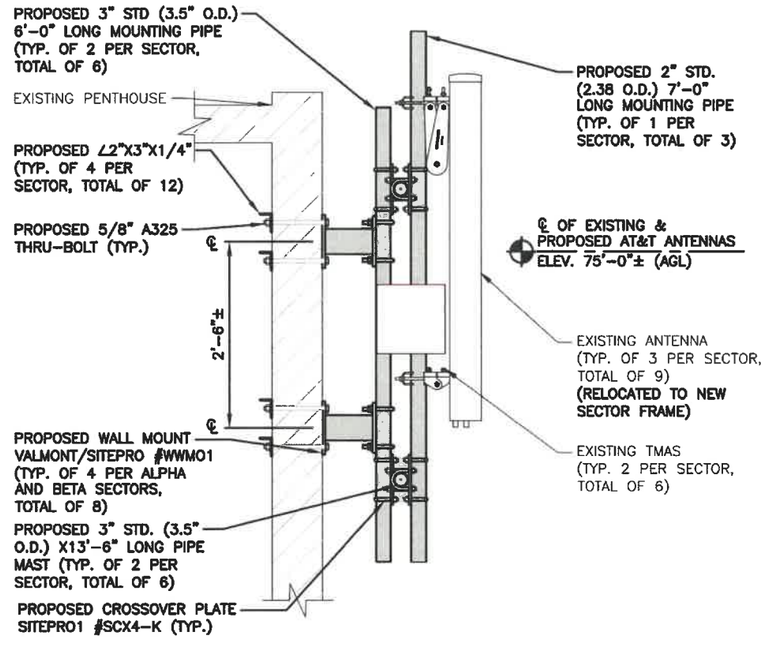
PROPOSED RELOCATED RRH & ANTENNA MOUNTING DETAIL (ALPHA & BETA SECTORS) 1 S-2

SCALE: N.T.S



RELOCATED RRH &ANTENNA MOUNTING DETAIL (TYP. OF ALL SECTORS) 2 S-2

SCALE: N.T.S



RELOCATED RRH &ANTENNA MOUNTING DETAIL (TYP. OF ALL SECTORS) 3 S-2

SCALE: N.T.S

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STATE OF NEW HAMPSHIRE
DANIEL P. HAMM
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LICENSED PROFESSIONAL ENGINEER

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STRUCTURAL DETAILS
(LTE 4C/5C)

JOB NUMBER	DRAWING NUMBER	REV
NH2062	S-2	3

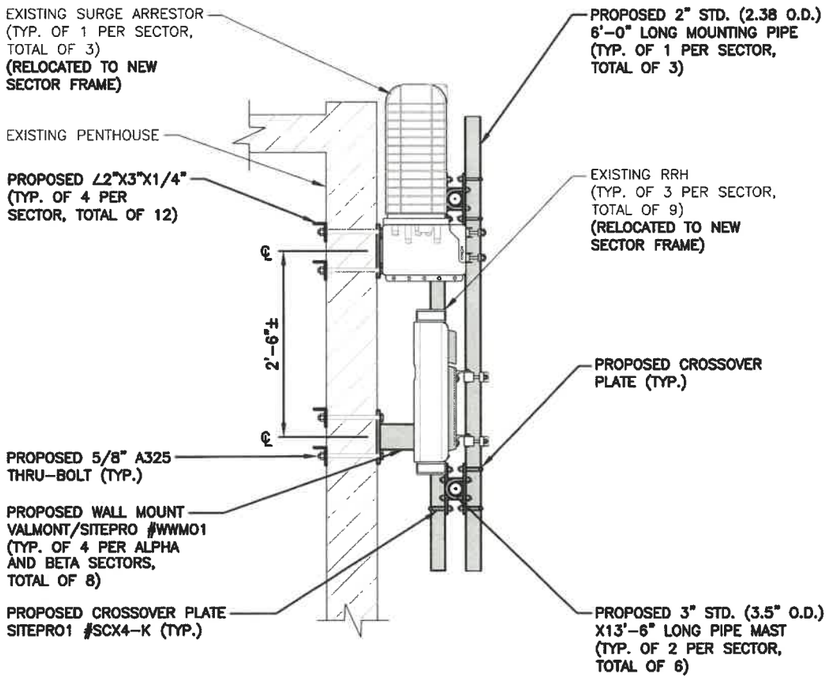
NOTE:
PAINT ALL VISIBLE PROPOSED EQUIPMENT TO MATCH EXISTING SURROUNDINGS

NOTE:

REFER TO THE FINAL RF DATA SHEET FOR FINAL ANTENNA SETTINGS.

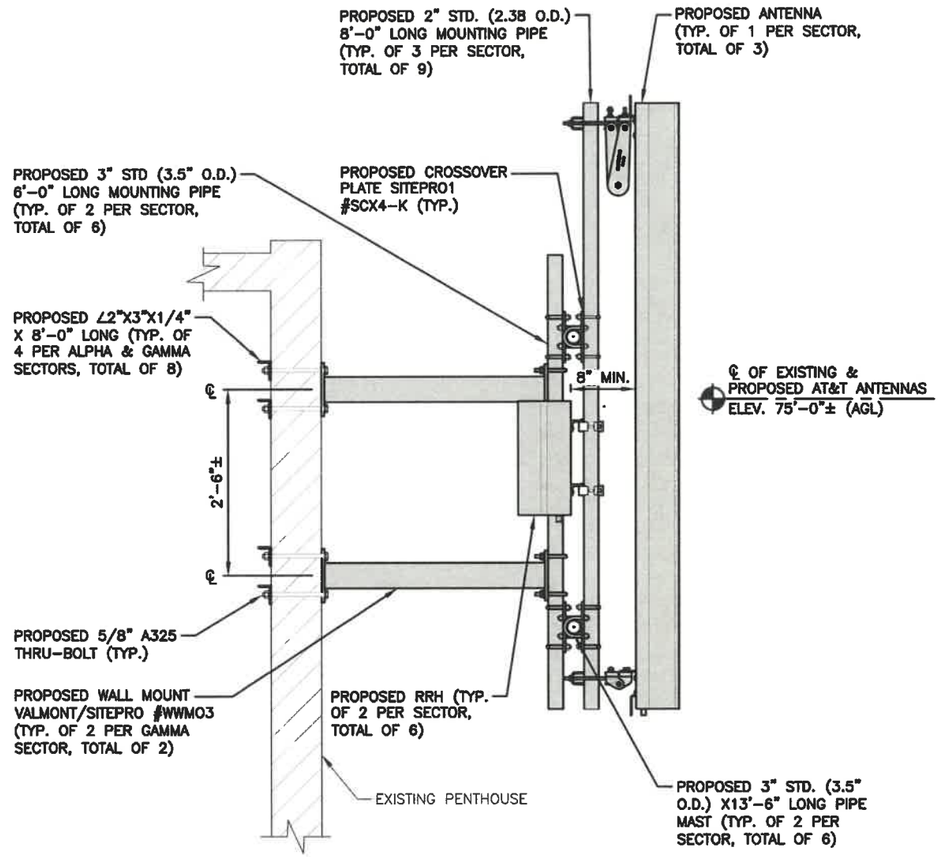
NOTE:

REFER TO STRUCTURAL ANALYSIS BY: HUDSON DESIGN GROUP, LLC, DATED: MARCH 24, 2020, FOR THE CAPACITY OF THE EXISTING STRUCTURES TO SUPPORT THE PROPOSED EQUIPMENT.



RELOCATED RRH & SURGE ARRESTOR MOUNTING DETAIL (TYP. OF ALL SECTORS) 1/S-3

SCALE: N.T.S



PROPOSED RELOCATED RRH & ANTENNA MOUNTING DETAIL (GAMMA SECTOR) 2/S-3

SCALE: N.T.S

HUDSON Design Group LLC
45 BEECHWOOD DRIVE
NORTH ANDOVER, MA 01845
TEL: (978) 557-5553
FAX: (978) 336-5586

EMPIRE telecom
16 ESQUIRE ROAD
BILLERICA, MA 01862
TEL: (978) 608-8400

SITE NUMBER: NH2062
SITE NAME: CONGRESS STREET

55 CONGRESS STREET
PORTSMOUTH, NH 03801
ROCKINGHAM COUNTY

at&t
550 COCHITUATE ROAD
FRAMINGHAM, MA 01701

NO.	DATE	REVISIONS	BY	CHK	APP'D
3	06/02/20	ISSUED FOR CONSTRUCTION	CC	JC	DPH
2	04/23/20	ISSUED FOR CONSTRUCTION	CC	JC	DPH
1	03/06/20	ISSUED FOR REVIEW	AC	JC	DPH

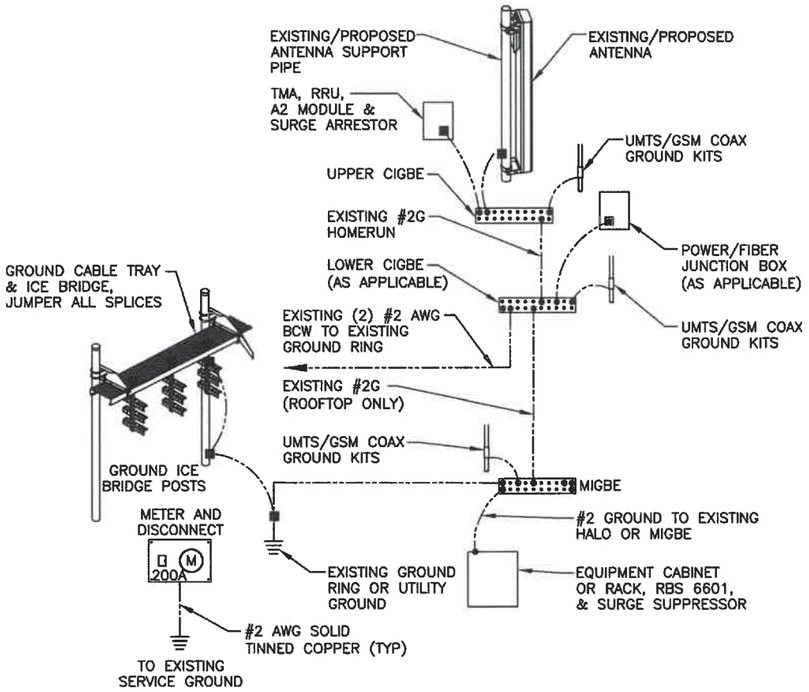
SCALE: AS SHOWN | DESIGNED BY: JC | DRAWN BY: AR

STATE OF NEW HAMPSHIRE
DANIEL P HAMM
No. 11013
LICENSED PROFESSIONAL ENGINEER

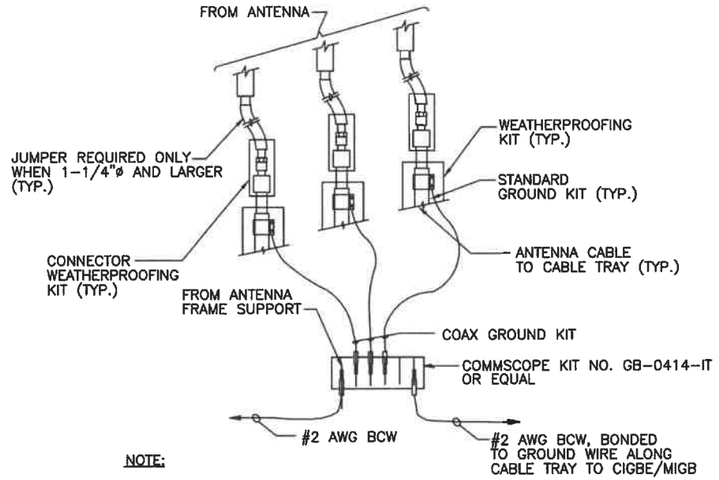
AT&T

STRUCTURAL DETAILS (LTE 4C/5C)

JOB NUMBER	DRAWING NUMBER	REV
NH2062	S-3	3



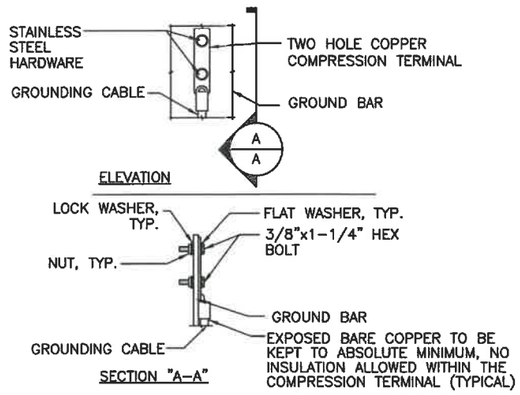
GROUNDING RISER DIAGRAM (1 / G-1)
SCALE: N.T.S



NOTE:

1. DO NOT INSTALL CABLE GROUND KIT AT A BEND AND ALWAYS DIRECT GROUND WIRE DOWN TO CIGBE.

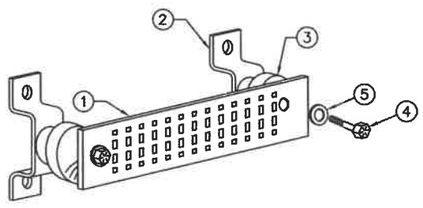
GROUND WIRE TO GROUND BAR CONNECTION DETAIL (2 / G-1)
SCALE: N.T.S



NOTE:

1. "DOUBLING UP" OR "STACKING" OF CONNECTION IS NOT PERMITTED.
2. OXIDE INHIBITING COMPOUND TO BE USED AT ALL LOCATION.
3. CADWELD DOWNLEADS FROM UPPER EGB, LOWER EGB, AND MGB

TYPICAL GROUND BAR CONNECTION DETAIL (3 / G-1)
SCALE: N.T.S



GROUND BAR - DETAIL (4 / G-1)
SCALE: N.T.S

EACH GROUND CONDUCTOR TERMINATING ON ANY GROUND BAR SHALL HAVE AN IDENTIFICATION TAG ATTACHED AT EACH END THAT WILL IDENTIFY ITS ORIGIN AND DESTINATION.

SECTION "P" – SURGE PRODUCERS

CABLE ENTRY PORTS (HATCH PLATES) (#2)
GENERATOR FRAMEWORK (IF AVAILABLE) (#2)
TELCO GROUND BAR
COMMERCIAL POWER COMMON NEUTRAL/GROUND BOND (#2)
+24V POWER SUPPLY RETURN BAR (#2)
–48V POWER SUPPLY RETURN BAR (#2)
RECTIFIER FRAMES.

SECTION "A" – SURGE ABSORBERS

INTERIOR GROUND RING (#2)
EXTERNAL EARTH GROUND FIELD (BURIED GROUND RING) (#2)
METALLIC COLD WATER PIPE (IF AVAILABLE) (#2)
BUILDING STEEL (IF AVAILABLE) (#2)

HUDSON Design Group LLC
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EMPIRE telecom
16 ESQUIRE ROAD
BILLERICA, MA 01862
TEL: (978) 608-8400

SITE NUMBER: NH2062
SITE NAME: CONGRESS STREET

55 CONGRESS STREET
PORTSMOUTH, NH 03801
ROCKINGHAM COUNTY

at&t
550 COCHITUATE ROAD
FRAMINGHAM, MA 01701

NO.	DATE	REVISIONS	BY	CHK	APP'D
3	06/02/20	ISSUED FOR CONSTRUCTION	CC	JC	DBH
2	04/23/20	ISSUED FOR CONSTRUCTION	AC	JC	DBH
1	03/06/20	ISSUED FOR REVIEW	AC	JC	DBH

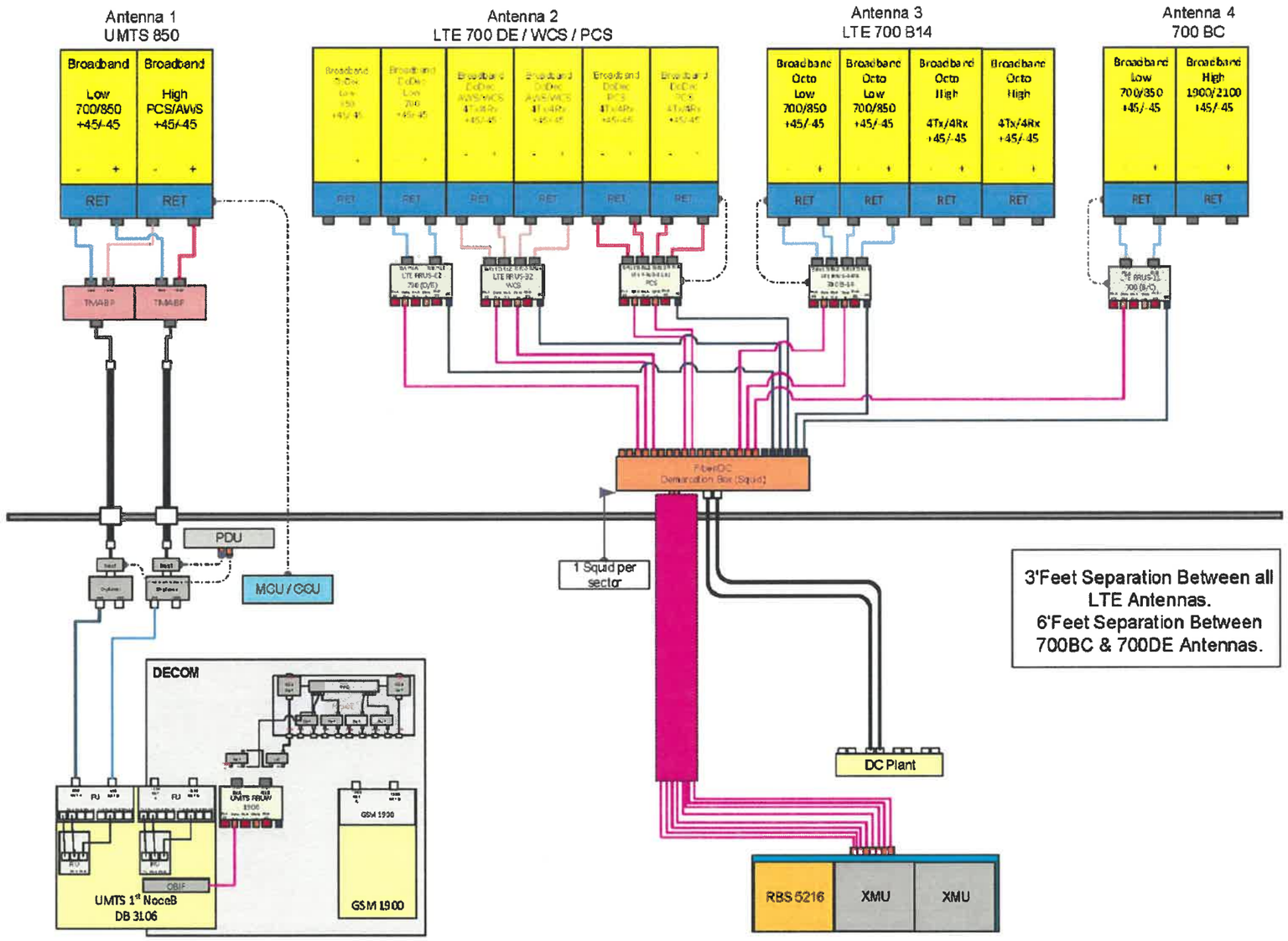
SCALE: AS SHOWN | DESIGNED BY: JC | DRAWN BY: AR

STATE OF NEW HAMPSHIRE
DANIEL P HAMM
NO. 11013
LICENSED PROFESSIONAL ENGINEER

AT&T

GROUNDING DETAILS
(LTE 4C/5C)

JOB NUMBER	DRAWING NUMBER	REV
NH2062	G-1	3



3'Feet Separation Between all LTE Antennas.
6'Feet Separation Between 700BC & 700DE Antennas.

RF PLUMBING DIAGRAM (1 / RF–1)
SCALE: N.T.S

NOTES:

1. CONTRACTOR TO CONFIRM ALL PARTS.
2. INSTALL ALL EQUIPMENT TO MANUFACTURER'S RECOMMENDATIONS.

NOTE:

REFER TO THE FINAL RF DATA SHEET FOR FINAL ANTENNA SETTINGS.

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SCALE: AS SHOWN | DESIGNED BY: JC | DRAWN BY: AR

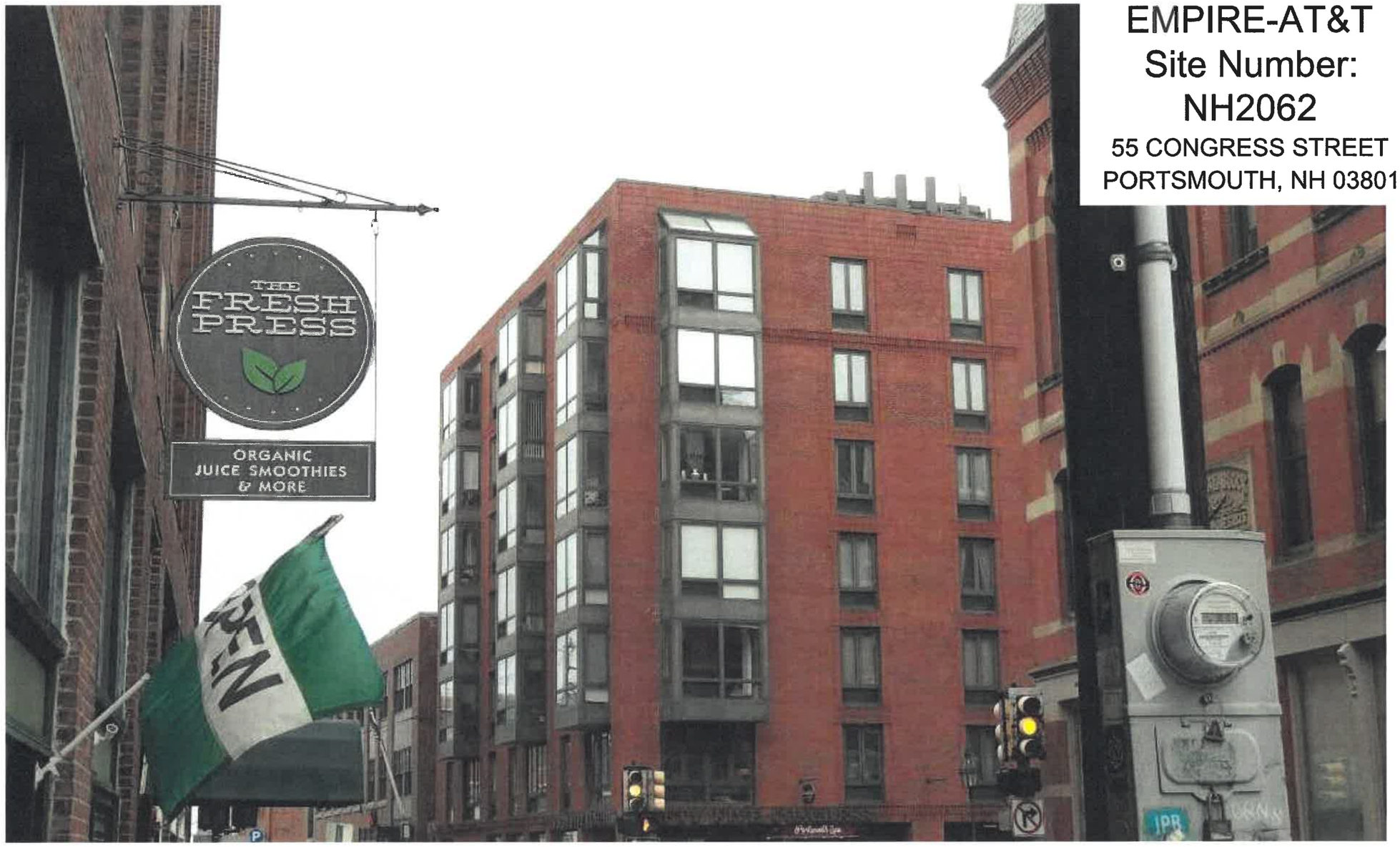
AT&T

RF PLUMBING DIAGRAM
(LTE 4C/5C)

JOB NUMBER	DRAWING NUMBER	REV
NH2062	RF–1	3

Prepared For:
EMPIRE-AT&T
Site Number:
NH2062

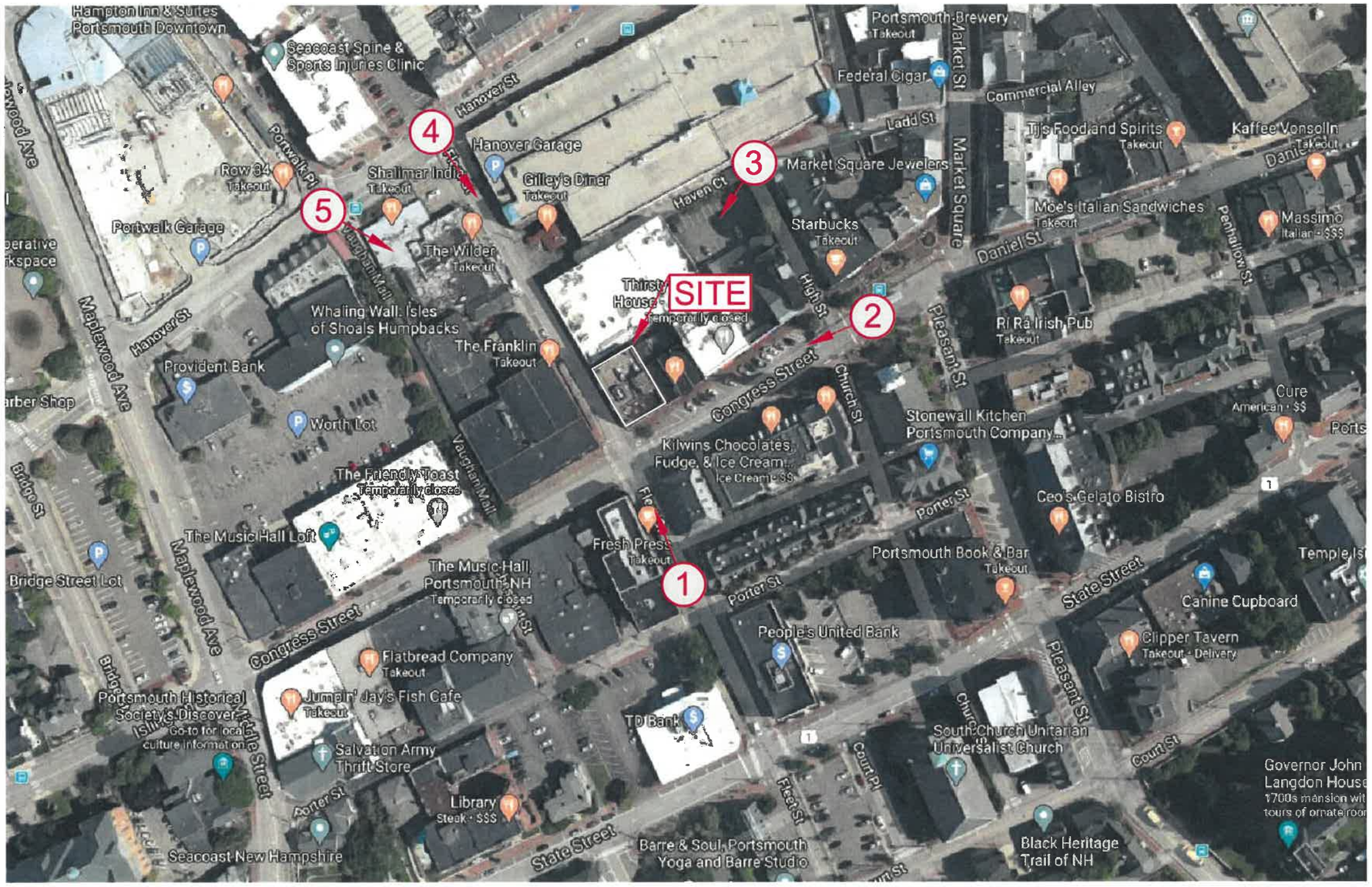
55 CONGRESS STREET
PORTSMOUTH, NH 03801



SITE NO: NH2062 **SITE NAME:** CONGRESS STREET **ADDRESS:** 55 CONGRESS STREET PORTSMOUTH, NH 03801	at&t 550 COCHITUATE ROAD FRAMINGHAM, MA 01701	EMPIRE telecom 16 ESQUIRE ROAD BILLERICA, MA 01862 TEL: (978) 608-8400	HDG HUDSON Design Group LLC 45 BEECHWOOD DRIVE N. ANDOVER, MA 01845 TEL: (978) 557-5553 FAX: (978) 336-5586	SITE TYPE: ROOFTOP DATE: 05/28/2020 REV: 0 DRAWN BY: VP SCALE: N.T.S.	THIS STUDY DOES NOT CLAIM IN ANY WAY TO SHOW THE ONLY AREAS OF VISIBILITY. IT IS MEANT TO SHOW A BROAD REPRESENTATION OF AREAS WHERE THE PROPOSED INSTALLATION MAY BE VISIBLE BASED UPON THE BEST INFORMATION FOR TOPOGRAPHY AND VEGETATION LOCATIONS AVAILABLE TO DATE.

LOCUS MAP

TAKEN FROM GOOGLE.COM ON 05-28-20



(#) PHOTO LOCATION

SITE NO:	NH2062
SITE NAME:	CONGRESS STREET
ADDRESS:	55 CONGRESS STREET PORTSMOUTH, NH 03801

at&t
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FAX: (978) 336-5586

SITE TYPE: ROOFTOP

DATE: 05/28/2020 | REV: 0

DRAWN BY: VP

SCALE: N.T.S.

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EXISTING CONDITIONS

LOCATION # 1

DATE OF PHOTO: 11/27/2018

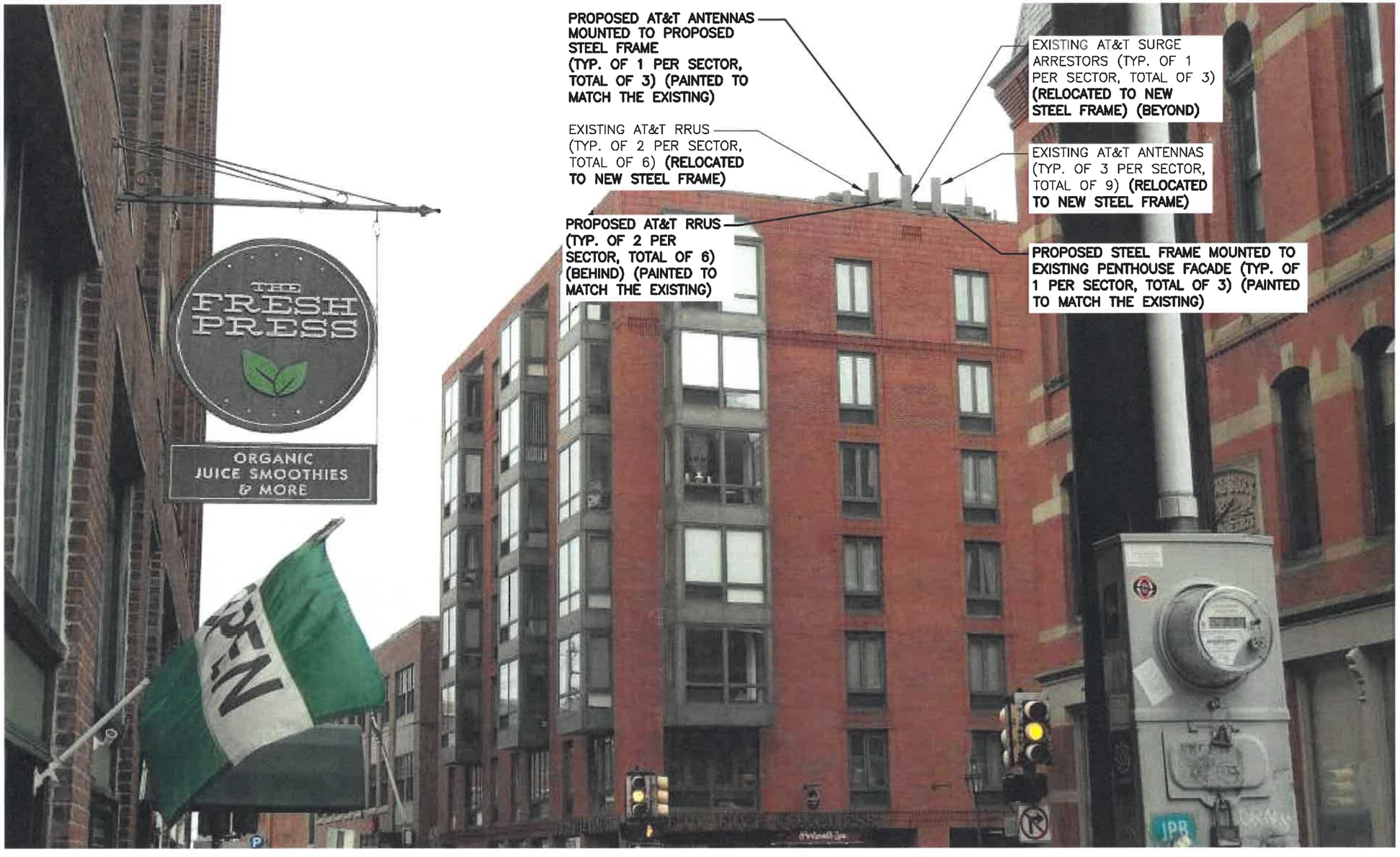
VIEW NORTH FROM FLEET STREET

SITE NO: NH2062 **SITE NAME:** CONGRESS STREET **ADDRESS:** 55 CONGRESS STREET PORTSMOUTH, NH 03801	at&t 550 COCHITUATE ROAD FRAMINGHAM, MA 01701	EMPIRE telecom 16 ESQUIRE ROAD BILLERICA, MA 01862 TEL: (978) 608-8400	HUDSON Design Group LLC 45 BEECHWOOD DRIVE N. ANDOVER, MA 01845 TEL: (978) 557-5553 FAX: (978) 336-5586	SITE TYPE: ROOFTOP DATE: 05/28/2020 REV: 0 DRAWN BY: VP SCALE: N.T.S.	THIS STUDY DOES NOT CLAIM IN ANY WAY TO SHOW THE ONLY AREAS OF VISIBILITY. IT IS MEANT TO SHOW A BROAD REPRESENTATION OF AREAS WHERE THE PROPOSED INSTALLATION MAY BE VISIBLE BASED UPON THE BEST INFORMATION FOR TOPOGRAPHY AND VEGETATION LOCATIONS AVAILABLE TO DATE.

PROPOSED CONDITIONS

LOCATION # 1

DATE OF PHOTO: 11/27/2018



VIEW NORTH FROM FLEET STREET

SITE NO: NH2062 **SITE NAME:** CONGRESS STREET **ADDRESS:** 55 CONGRESS STREET PORTSMOUTH, NH 03801	at&t 550 COCHITUATE ROAD FRAMINGHAM, MA 01701	EMPIRE telecom 16 ESQUIRE ROAD BILLERICA, MA 01862 TEL: (978) 608-8400	HUDSON Design Group LLC 45 BEECHWOOD DRIVE N. ANDOVER, MA 01845 TEL: (978) 557-5553 FAX: (978) 336-5586	SITE TYPE: ROOFTOP DATE: 05/28/2020 REV: 0 DRAWN BY: VP SCALE: N.T.S.	THIS STUDY DOES NOT CLAIM IN ANY WAY TO SHOW THE ONLY AREAS OF VISIBILITY. IT IS MEANT TO SHOW A BROAD REPRESENTATION OF AREAS WHERE THE PROPOSED INSTALLATION MAY BE VISIBLE BASED UPON THE BEST INFORMATION FOR TOPOGRAPHY AND VEGETATION LOCATIONS AVAILABLE TO DATE. PAGE 4 OF 12

EXISTING CONDITIONS

LOCATION # 2

DATE OF PHOTO: 11/27/2018

VIEW WEST FROM THE CORNER OF CONGRESS ST AND CHURCH ST

SITE NO: NH2062
SITE NAME: CONGRESS STREET
ADDRESS: 55 CONGRESS STREET
PORTSMOUTH, NH 03801

at&t
550 COCHITUATE ROAD
FRAMINGHAM, MA 01701

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SITE TYPE: ROOFTOP
DATE: 05/28/2020 | REV: 0
DRAWN BY: VP
SCALE: N.T.S.

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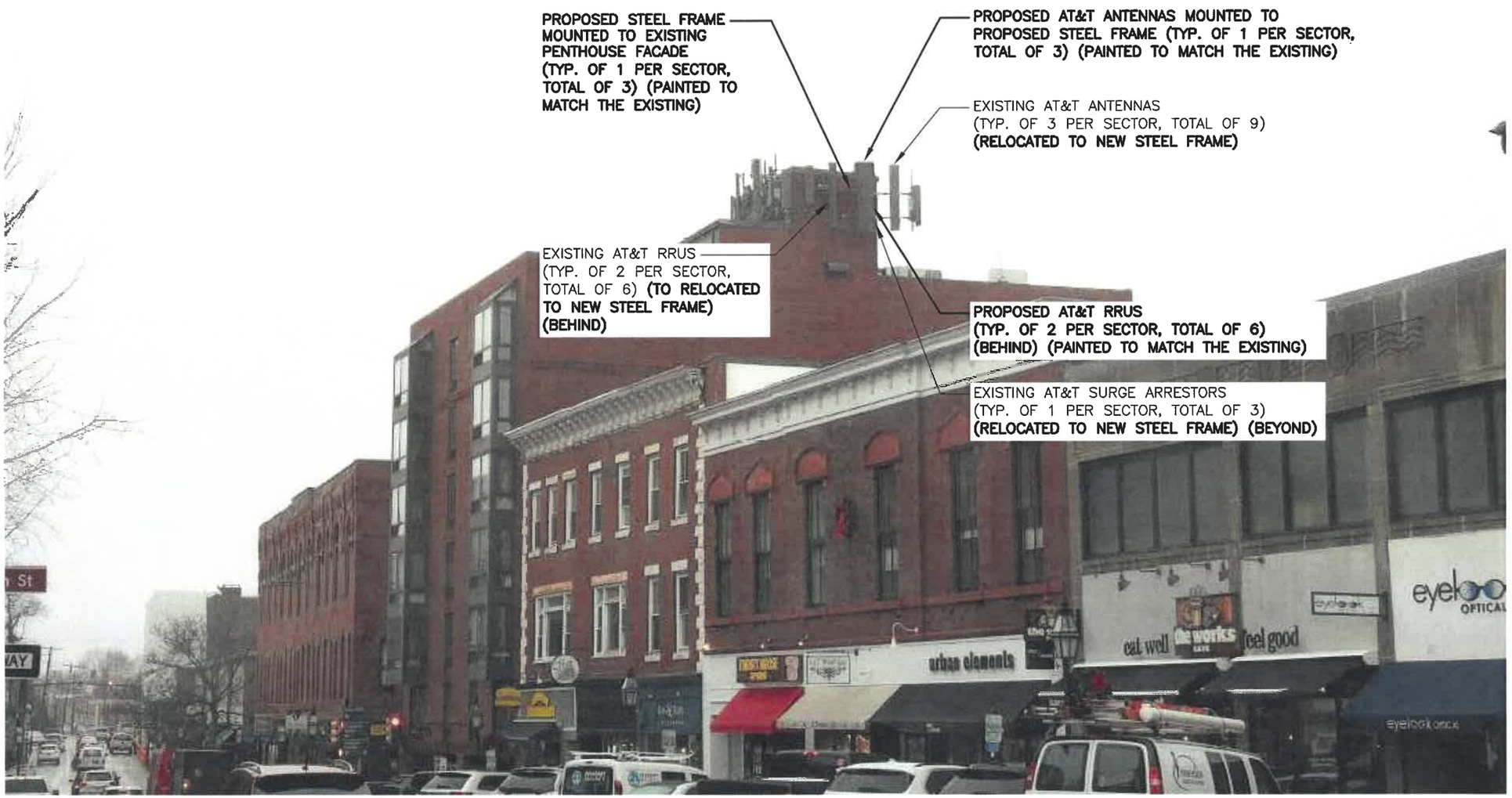
PROPOSED CONDITIONS

LOCATION # 2

DATE OF PHOTO: 11/27/2018



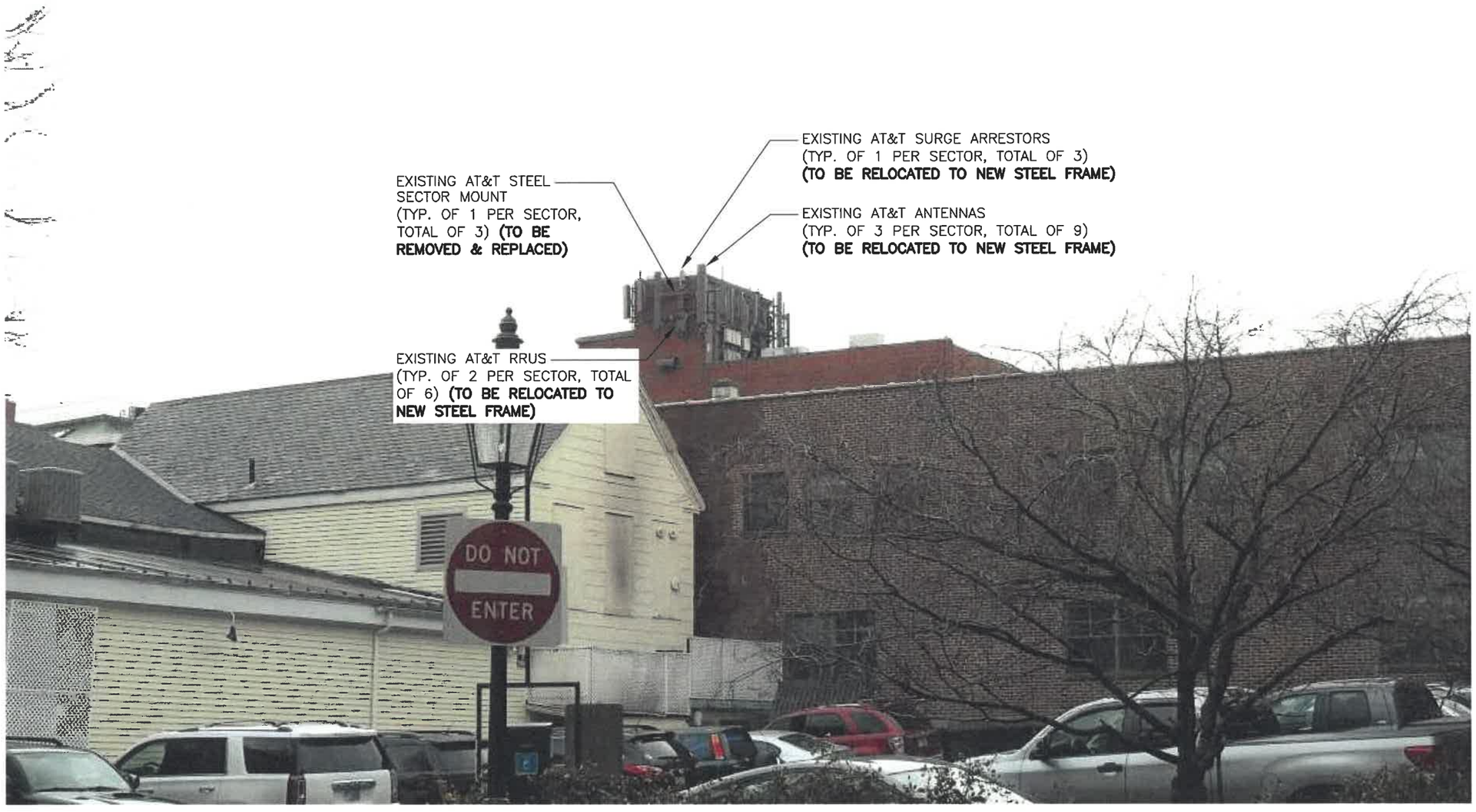
VIEW WEST FROM THE CORNER OF CONGRESS ST AND CHURCH ST

SITE NO: NH2062 SITE NAME: CONGRESS STREET ADDRESS: 55 CONGRESS STREET PORTSMOUTH, NH 03801	at&t 550 COCHITUATE ROAD FRAMINGHAM, MA 01701	EMPIRE telecom 16 ESQUIRE ROAD BILLERICA, MA 01862 TEL: (978) 608-8400	HUDSON Design Group LLC 45 BEECHWOOD DRIVE N. ANDOVER, MA 01845 TEL: (978) 557-5553 FAX: (978) 336-5586	SITE TYPE: ROOFTOP DATE: 05/28/2020 REV: 0 DRAWN BY: VP SCALE: N.T.S.	THIS STUDY DOES NOT CLAIM IN ANY WAY TO SHOW THE ONLY AREAS OF VISIBILITY. IT IS MEANT TO SHOW A BROAD REPRESENTATION OF AREAS WHERE THE PROPOSED INSTALLATION MAY BE VISIBLE BASED UPON THE BEST INFORMATION FOR TOPOGRAPHY AND VEGETATION LOCATIONS AVAILABLE TO DATE.

EXISTING CONDITIONS

LOCATION # 3

DATE OF PHOTO: 11/27/2018



VIEW SOUTHWEST FROM THE CORNER OF HAVEN CT AND HIGH ST

SITE NO: NH2062

SITE NAME: CONGRESS STREET

ADDRESS: 55 CONGRESS STREET
PORTSMOUTH, NH 03801

at&t
550 COCHITUATE ROAD
FRAMINGHAM, MA 01701

EMPIRE telecom
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FAX: (978) 336-5586

SITE TYPE: ROOFTOP

DATE: 05/28/2020 | REV: 0

DRAWN BY: VP

SCALE: N.T.S.

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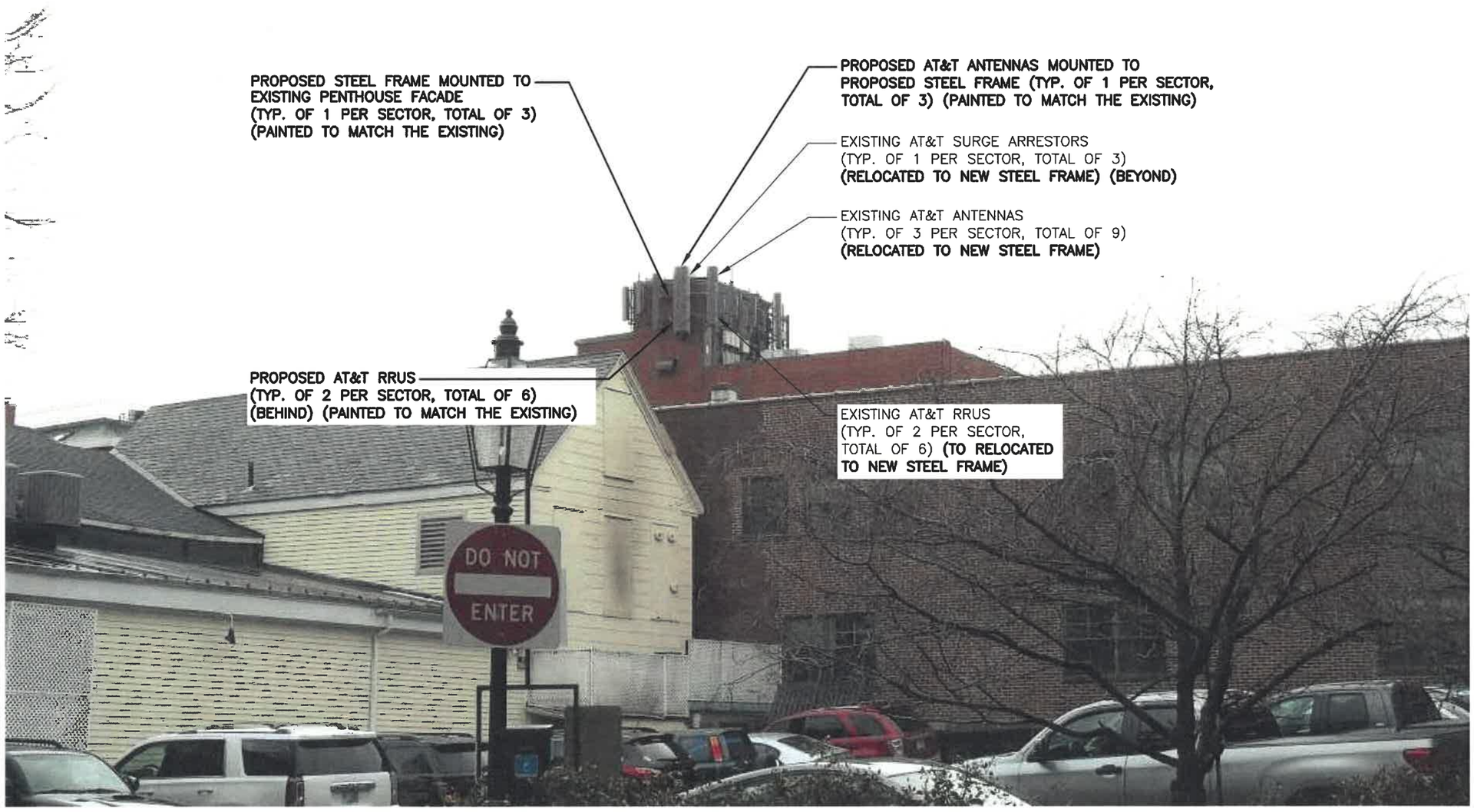
PROPOSED CONDITIONS

LOCATION # 3

DATE OF PHOTO: 11/27/2018



VIEW SOUTHWEST FROM THE CORNER OF HAVEN CT AND HIGH ST

SITE NO: NH2062

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ADDRESS: 55 CONGRESS STREET
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at&t
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HDG HUDSON Design Group LLC
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N. ANDOVER, MA 01845
TEL: (978) 557-5553
FAX: (978) 336-5586

SITE TYPE: ROOFTOP

DATE: 05/28/2020 | REV: 0

DRAWN BY: VP

SCALE: N.T.S.

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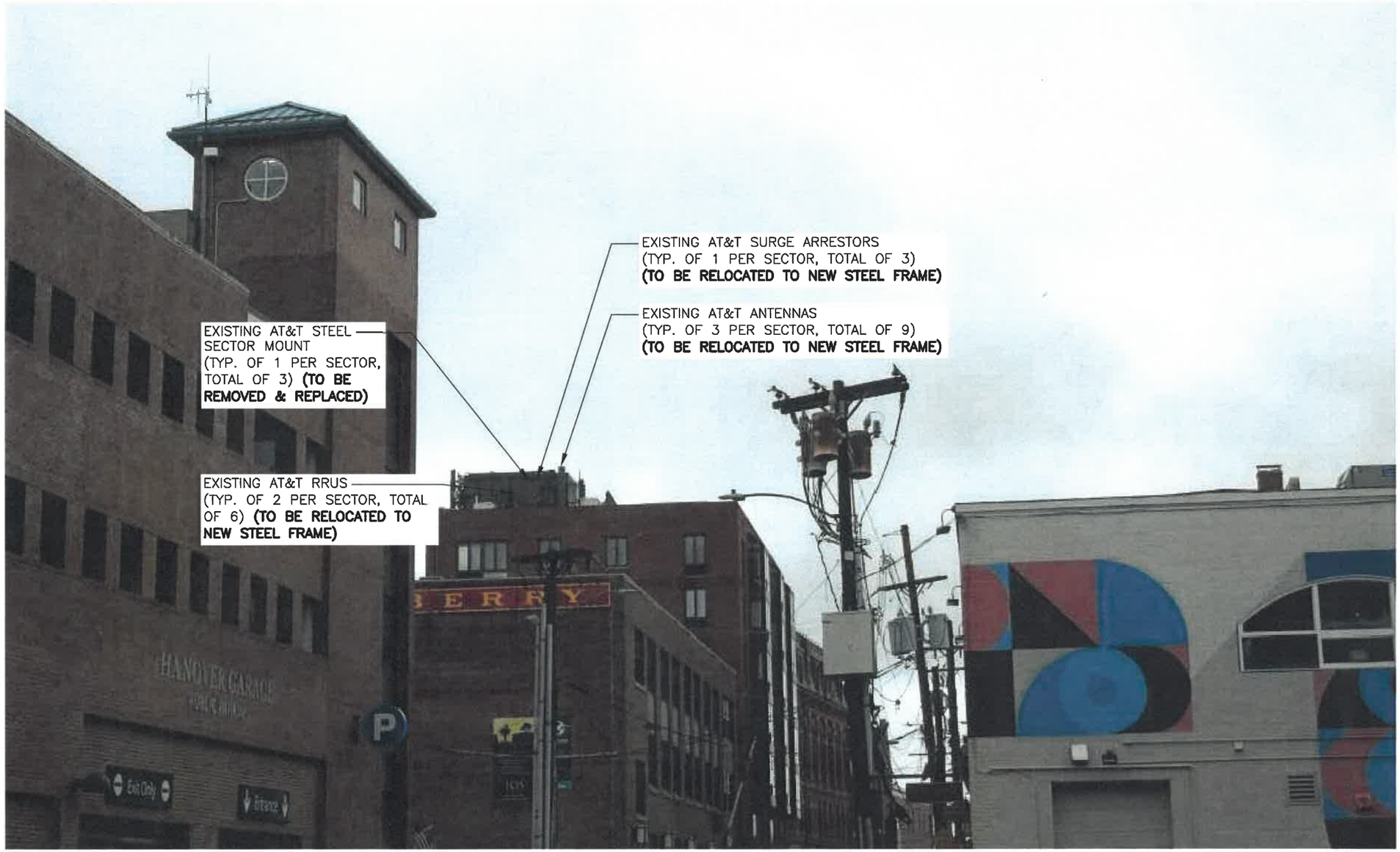
EXISTING CONDITIONS

LOCATION # 4

DATE OF PHOTO: 11/27/2018



VIEW SOUTH FROM THE CORNER OF HANOVER ST AND FLEET ST

SITE NO: NH2062
SITE NAME: CONGRESS STREET
ADDRESS: 55 CONGRESS STREET
PORTSMOUTH, NH 03801

at&t
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N. ANDOVER, MA 01845
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FAX: (978) 336-5586

SITE TYPE: ROOFTOP
DATE: 05/28/2020 | REV: 0
DRAWN BY: VP
SCALE: N.T.S.

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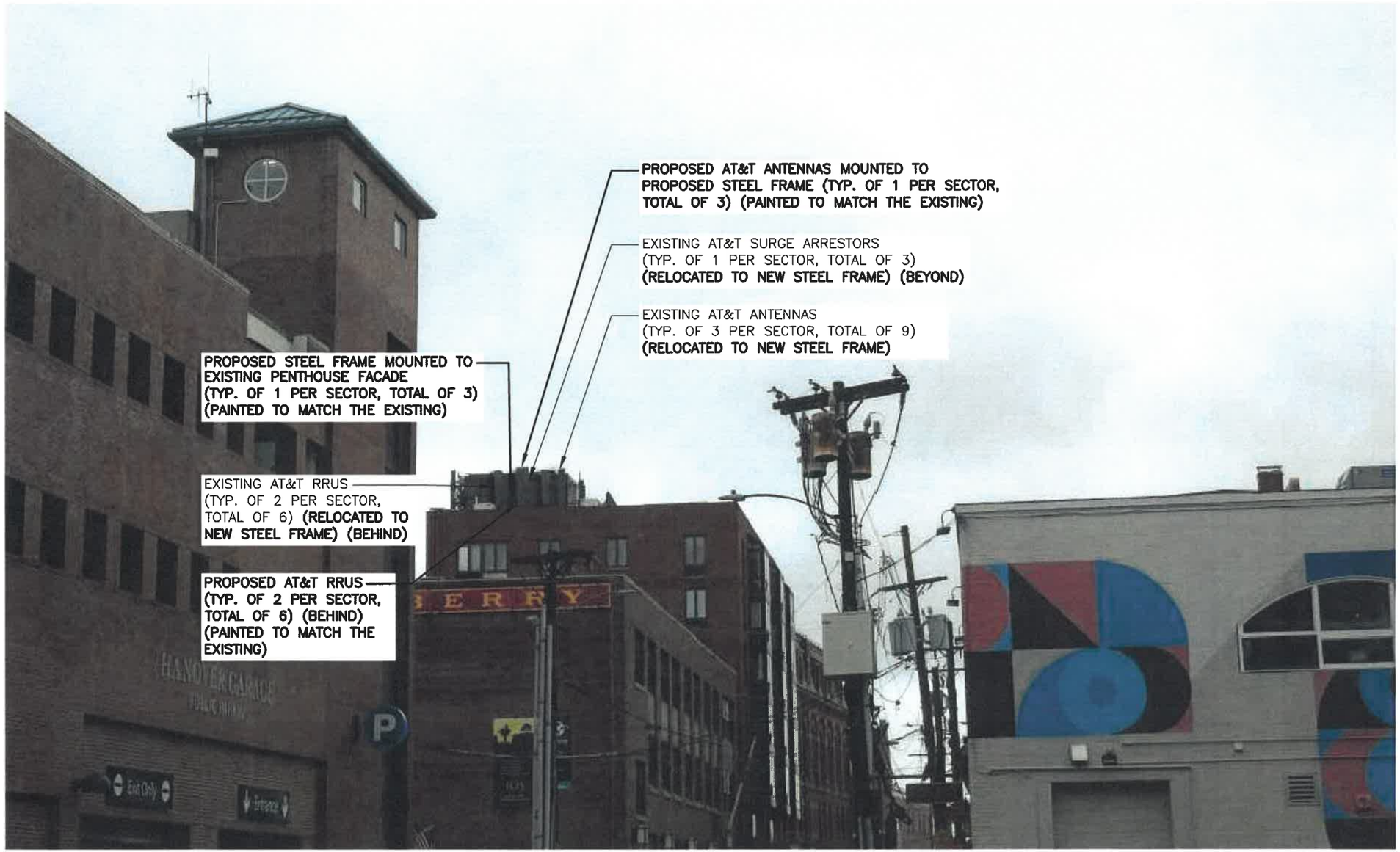
PROPOSED CONDITIONS

LOCATION # 4

DATE OF PHOTO: 11/27/2018



VIEW SOUTH FROM THE CORNER OF HANOVER ST AND FLEET ST

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SITE TYPE: ROOFTOP

DATE: 05/28/2020 | REV: 0

DRAWN BY: VP

SCALE: N.T.S.

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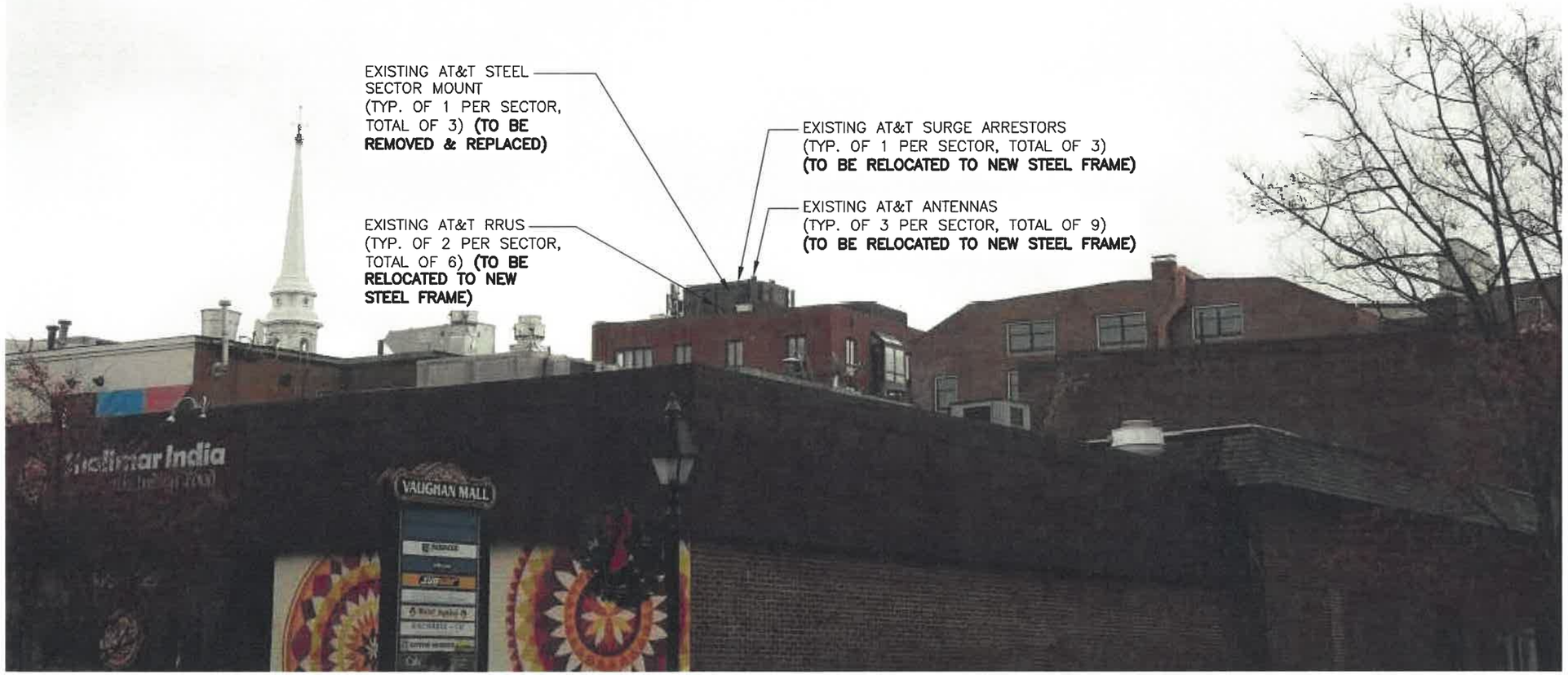
EXISTING CONDITIONS

LOCATION # 5

DATE OF PHOTO: 11/27/2018



VIEW SOUTHEAST FROM THE CORNER OF VAUGHAN MALL AND HANOVER ST

SITE NO: NH2062

SITE NAME: CONGRESS STREET

ADDRESS: 55 CONGRESS STREET
PORTSMOUTH, NH 03801

at&t
550 COCHITUATE ROAD
FRAMINGHAM, MA 01701

EMPIRE telecom
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BILLERICA, MA 01862
TEL: (978) 608-8400

HUDSON Design Group LLC
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N. ANDOVER, MA 01845
TEL: (978) 557-5553
FAX: (978) 336-5586

SITE TYPE: ROOFTOP

DATE: 05/28/2020 | REV: 0

DRAWN BY: VP

SCALE: N.T.S.

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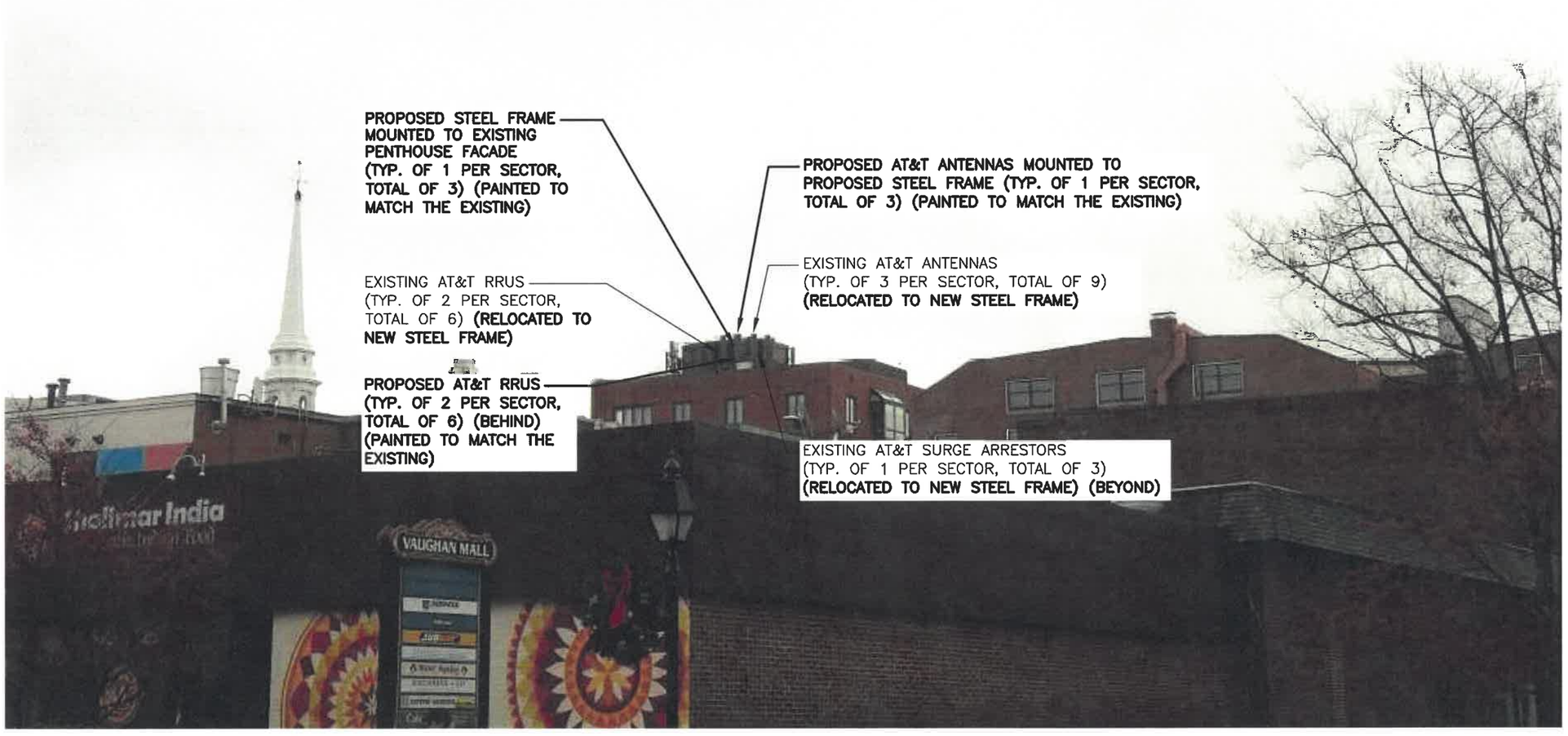
PROPOSED CONDITIONS

LOCATION # 5

DATE OF PHOTO: 11/27/2018



VIEW SOUTHEAST FROM THE CORNER OF VAUGHAN MALL AND HANOVER ST

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SITE TYPE: ROOFTOP

DATE: 05/28/2020 | REV: 0

DRAWN BY: VP

SCALE: N.T.S.

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2. 30 Maplewood Avenue - Recommended Approval

Background: The applicant is seeking approval for a revised parking plan and installation of a temporary parking gate at the property.

Staff Comment: Recommended Approval

Stipulations:

1. _____
2. _____
3. _____

Historic District Commission Work Session or Administrative Approval Application

LUHD-152

Status: Active

Submitted: Jun 10, 2020

Applicant

Charles Dye
6033738145
@ charles.s.dye@comcast.net

Location

30 MAPLEWOOD AVE
Portsmouth, NH 03801

Application Type

Please select application type from the drop down menu below

Administrative Approval

Project Information

Brief Description of Proposed Work

Revision of parking plan and installation of a temporary parking gate for the subject property.

Description of Proposed Work (Planning Staff)

--

Project Representatives

Mailing Address (Street)
111 Bridge St Unit 203

Email Address
30MaplewoodHOA@comcast.net

Relationship to Project
Owner

Business Name (if applicable)
--

State
NH

Phone
6033738145

Zip Code
03801

City/Town
Portsmouth

Full Name (First and Last)
Charles Dye

If you selected "Other", please state relationship to project.
HOA President

If you selected "Other", please state relationship to project.
--

Zip Code
03801

Full Name (First and Last)
John Chagnon

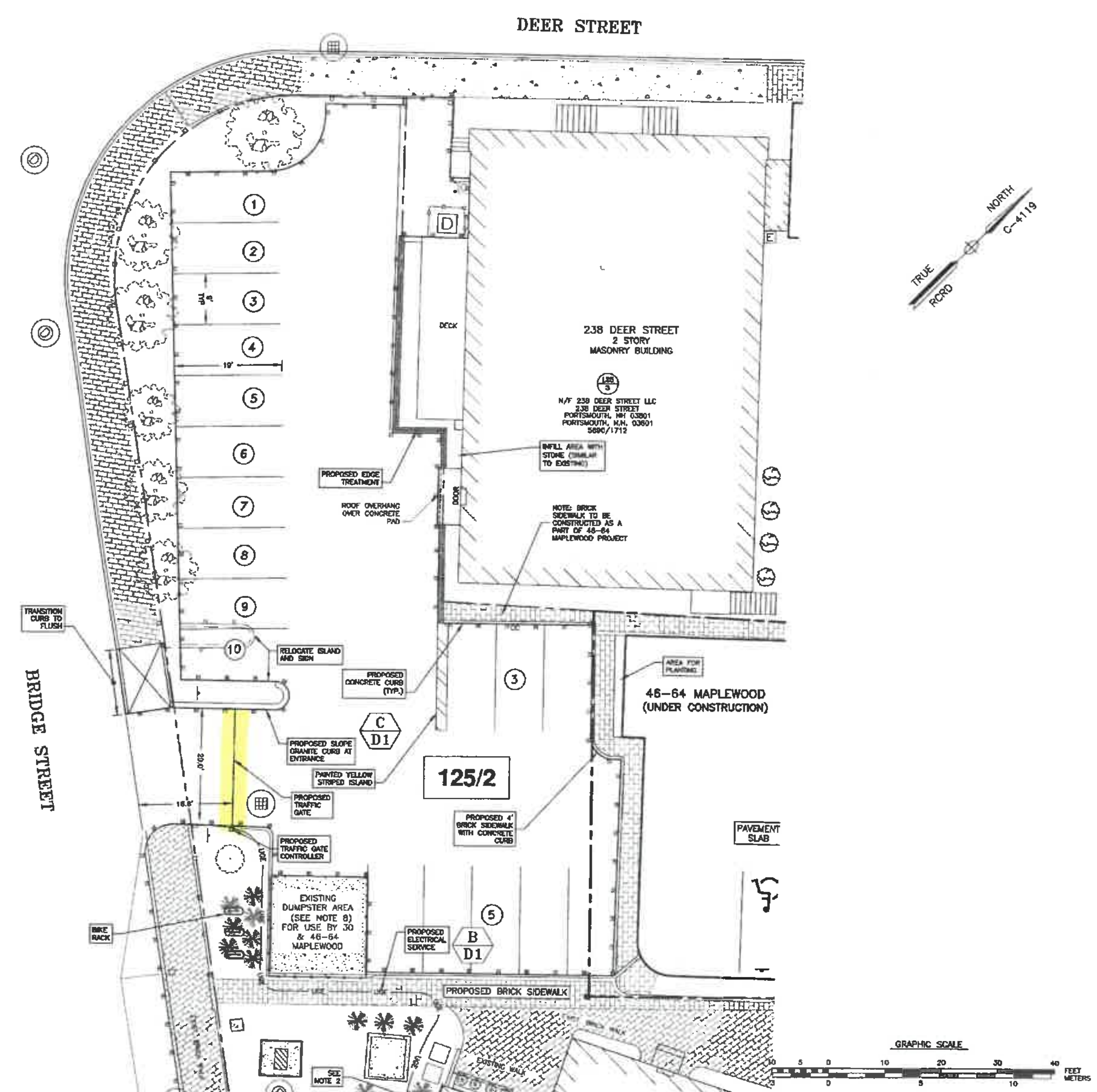
Mailing Address (Street)
200 Griffin Rd Unit 3

Relationship to Project
Engineer

Email Address
jrc@ambitengineering.cpom

Business Name (if applicable)
Ambit Engineering

State
NH



APPROVED BY PORTSMOUTH PLANNING DIRECTOR

DATE

AMBIT ENGINEERING, INC.
Civil Engineers & Land Surveyors
200 Griffin Road – Unit 3
Portsmouth, N.H. 03801-7114
Tel (603) 430-9282
Fax (603) 436-2315

NOTES:

1) ALL CONDITIONS ON THIS PLAN SHALL REMAIN IN EFFECT IN PERPETUITY PURSUANT TO THE REQUIREMENTS OF THE SITE PLAN REVIEW REGULATIONS. STATEMENT REQUIRED PER SECTION 2.13.3 OF THE SITE PLAN REGULATIONS SHALL BE INCLUDED ON THE SITE PLAN TO BE RECORDED.

2) ELECTRIC SERVICE TO BE TIED INTO 30 MAPLEWOOD HOUSE CIRCUIT.

TRAFFIC CONTROL 30 MAPLEWOOD AVE PORTSMOUTH, N.H.

NO.	DESCRIPTION	DATE
1	ISSUED FOR APPROVAL	5/19/20
0	ISSUED FOR COMMENT	5/7/20

REVISIONS

SCALE: 1"=10'　MAY 2020

AMENDED SITE PLAN

C2

FB 220 PG 8　1808.01

B680H: new 24V hydraulic barrier.

Innovation in action.

FAAC

Simply automatic.

B680H

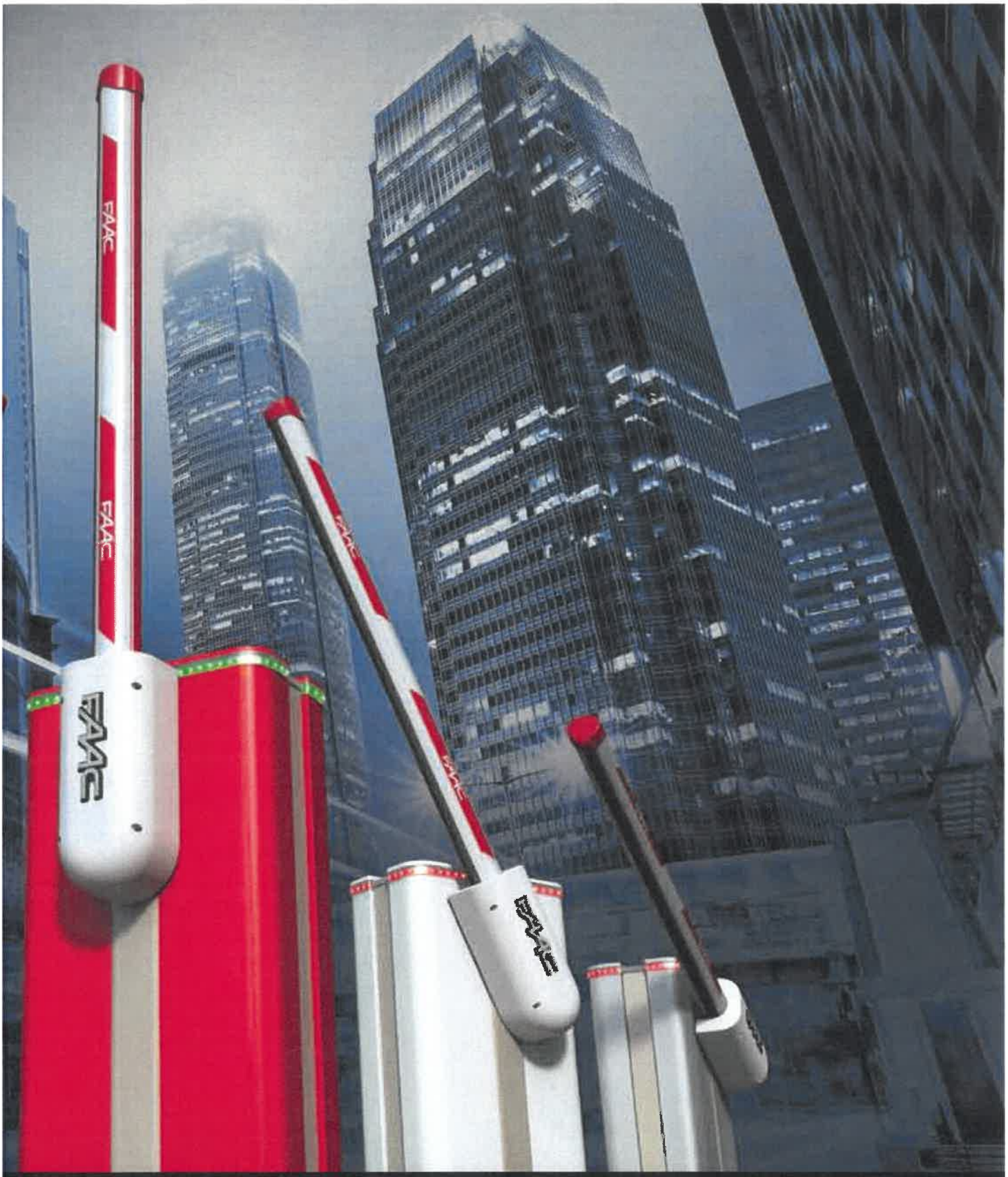
Four ways to be unique.

Safe performance and reliability

The B680H has a Hybrid heart which, together with its "everlasting" springs, allows it to exceed 2,000,000 cycles of continuous-use, raising 8 m beams in less than 6 seconds, in total safety, thanks to the reverse on contact feature.

Removable housing

The B680H has an internal load-bearing structure and an external removable housing. This design gives the system great stability and permits easy replacement of the housing.



Extreme flexibility and optimisation of logistics

One single model controls passages with a net width from 2 m to 8 m. Its modular beams make the B680H a product which is easy to manage and handle.

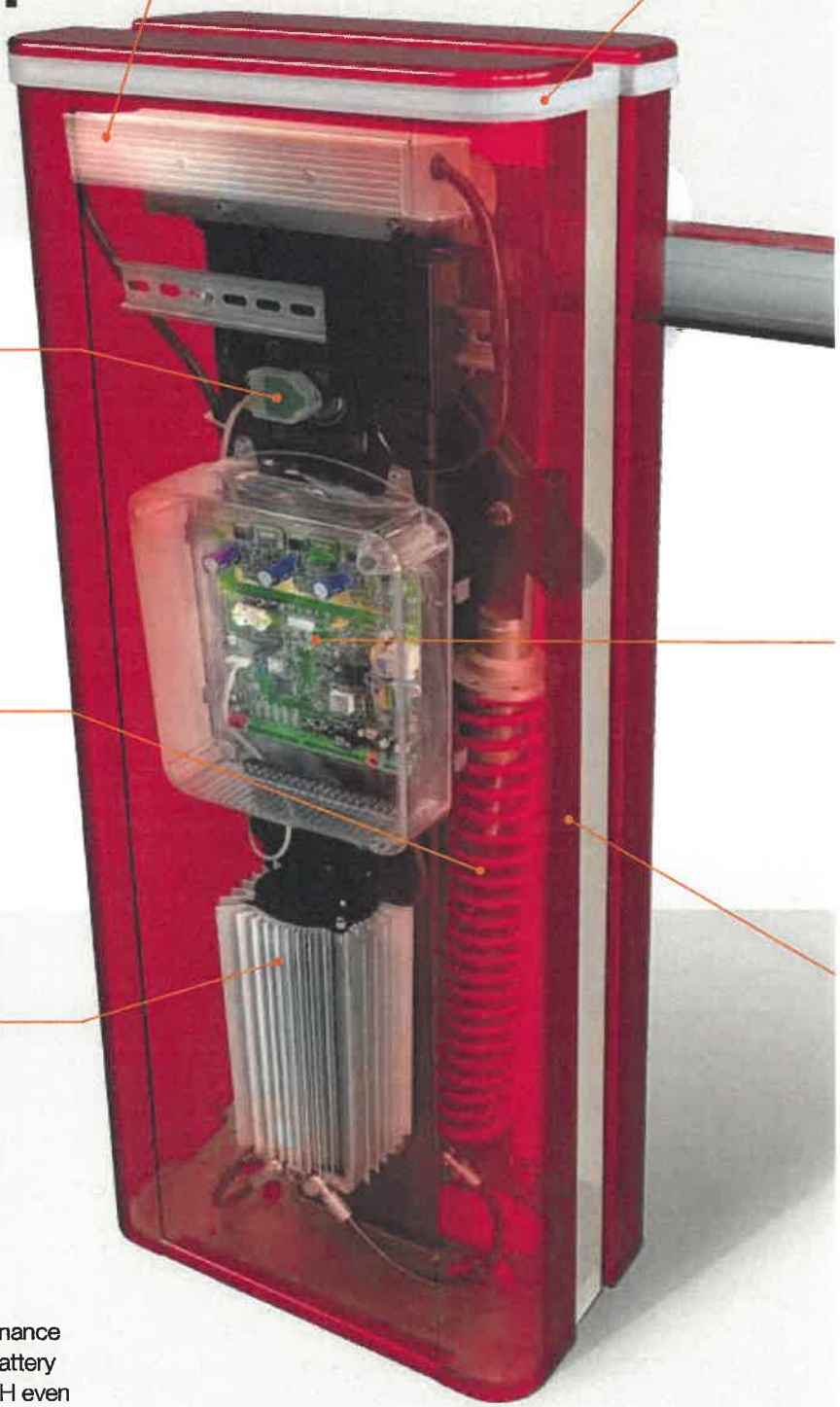
Full visibility and control of traffic

The programmable integrated flashing traffic light connector guarantees perfect regulation of traffic, while the LED beam lights adequately signal closing of the passage even under conditions of poor visibility.

It has no equals **but itself.**

Switching power supply

The switching power supply, with high energy efficiency and extended range, ensures operation of barriers from 100 Vac to 240 Vac, protecting them from any changes in voltage occurring with non-optimal power-supply systems.



Integrated absolute encoder

Absolute encoder kit for complete control of movement and reversing of beam when an obstacle is detected: this ensures that the impact curve can be respected, ensuring that pedestrian passages also comply with safety standards.

"Everlasting" springs

The springs of the B680H have been designed to exceed 2,000,000 cycles.

24V Hybrid heart

The hydraulic pump with brushless motor permits the movement of long or short beams at high speed and continuous cycle (100% duty cycle).

Backup batteries

Installing the XBAT 24 module (high-performance Nickel-Metal Hydride batteries), including battery charger, ensures the operation of the B680H even during a black out.

Integrated flashing traffic light

The flashing traffic light is entirely integrated into the structure, so it cannot be damaged. The operation of its red and green high-efficiency LEDs may be programmed by the board.

Elliptically-profiled modular beams

The longest beams are obtained joining two modules up to a maximum of 8.3 m (a net gate area width of 8 m) to ease transportation. Once the modules have been assembled, the connection joint is invisible and LED lighting may be fixed to the entire length of the bar. All the beams are windproof, round or elliptically profiled and are supplied with rubber protection on the bottom.

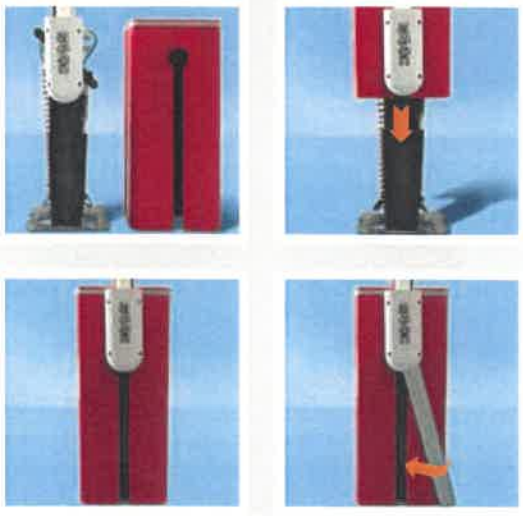
Sophisticated electronics with integrated Loop Detector

The E680 microprocessor control board ensures integration of the B680H with complex control systems. It has numerous programmable outputs and inputs and a connector for GSM, Ethernet and Wi-Fi modules. Two integrated, high-sensitivity Loop Detectors ensure the containment of system costs.

Removable housing

The housing is non load-bearing and may be easily replaced, with the upright post remaining in place. It is available in stainless-steel or steel versions, with the innovative, 100-micron, epoxy zinc primer anti-corrosion treatment, with four colours available.

***Easy to assemble:** once the upright has been fitted, with the pocket and the beam, the housing simply needs to be lowered onto it and fixed to the base. If the housing should ever need replacing, simply remove the fixing bolts and pull it up, with no need to dismantle the entire barrier.*



INTELLIGENT SOLUTIONS

- Designed so that accessories can be fixed to the housing
- Simple, guided mechanical setup
- Automatic control board setup with just 2 steps
- Control board with transparent box fixed to the upper part of the barrier
- DIN bar already fitted and space for further accessories
- Few part numbers
- Modular beams
- Retrocompatible with foundation plate of FAAC 620 and 640 barriers

HIGH SPEED

2.3 m in less than 1.5 seconds

8.3 m in less than 6 seconds

Personality beyond any **standards.**

Aluminium Grey
RAL 9006

Pure White
RAL 9010

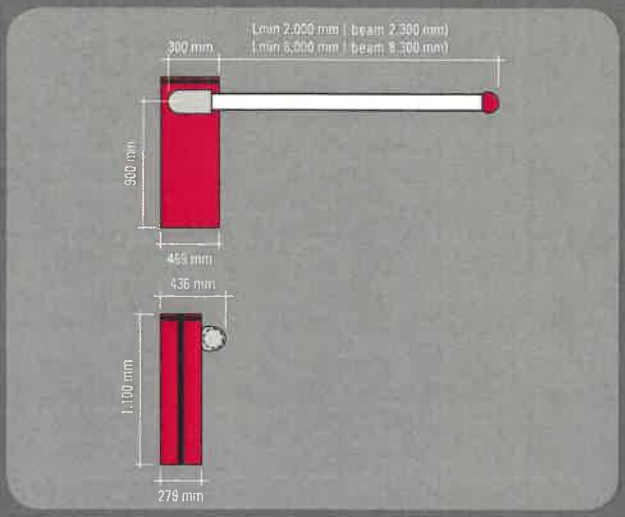
Flame-Red
RAL 3020

Steel Blue
RAL 5011

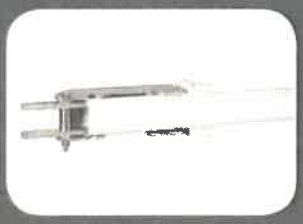
Stainless-steel.

DIMENSIONS AND TECHNICAL SPECIFICATIONS

Power supply	100 ÷ 240 Vac 50 (60) Hz
Electric Motor	36 Vdc Brushless
Absorbed power	240 W
Absorbed current	1,1 A/230 V
Motor rotation speed	1.000 ÷ 6.000 RPM
Pump capacity	3,2 l/min (max)
Electronic deceleration	Absolute encoder
Operating ambient temperature	-20°C ÷ +55°C
Weight	85 kg (65 kg body + 20 kg compartment)
Oil type	FAAC HP OIL
Barrier body treatment	Epoxy zinc anti-corrosion treatment 100 microns + paint
Protection class	IP44
Beam type	Rounded or elliptical with lights and rubber bumper
Dimensions (LxHxD) (mm)	469x279x1100 (see illustration)



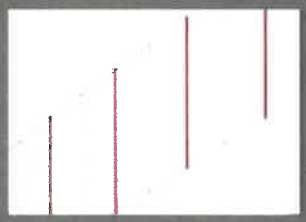
ACCESSORIES



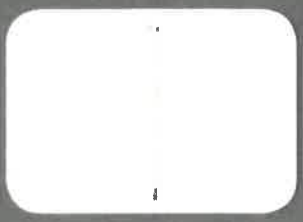
Pocket for round pivoting beams

Connecting kit for round S-profile beam (max 4 m)

Integrated, flashing traffic light



Skirt kit, length 2 m for round S/L profile beams



End foot for round S/L profile beams

XBAT 24 emergency battery kit

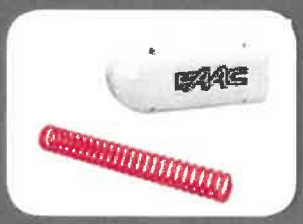
Anti-vandalism valve for the B680H
It protects the hydraulic system if the beam is forced

Anti-panic group
Permits manual release of the beam in case of a black out

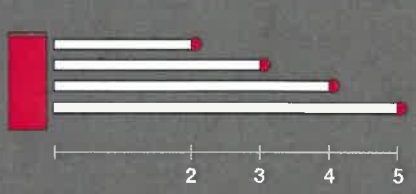
Beam break-out sensor for round pivoting beams

BEAMS

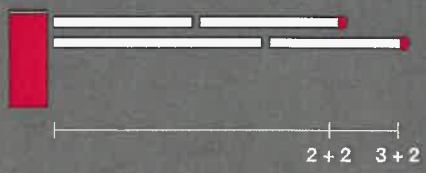
Pocket and balancing spring S



Pocket and balancing spring L

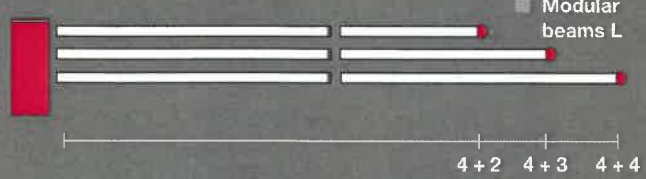


Whole beams S



Modular beams S

Whole beams L



Modular beams L

Dimensions shown in m.

HEADQUARTERS

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fax +46 435 779529
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GATES AUTOMATION AND BARRIERS

9900100014 - Rev. 0 - 3.000 - Zucchini - 06/2012

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- Adaptable
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- Accepted
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- ✪ Support Mutual Aid Response
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- LARGE FREQUENCY CAPACITY— 100 CHANNELS
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- SOFTWARE INTERFACE FOR EASY PROGRAMMING
- OPERATES IN SUB-ZERO TEMPERATURES
- CAPABLE OF OPERATING WITH CTCSS (PL & DPL) PRIVATE LINE CODING
- BRIGHT ACTIVATION AND POWER LED'S
- DUAL DRY CONTACT RELAY OUTPUTS
- RELAYS CAN BE INDEPENDENTLY CONTROLLED VIA CHIP FIRMWARE
- ACTIVATION HISTORY DATA LOGGING FOR EXPORT TO COMPUTER FILE
- ENCLOSURE NEMA 4X RATED
- REFLECTIVE FRONT IDENTIFICATION LABEL TO SUPPORT FASTER NIGHTTIME IDENTIFICATION

To Learn More Visit: www.click2enter.net

No cost to the public safety agency, because they already posses the access control device [KEY]— Their own radio transceiver.

Don't risk untimely delays during an emergency response. Every second counts so forcing the emergency responder to STOP their vehicle to enter a code, activate a key, or not get in at all can have a catastrophic outcome.

Operate both gates and doors for a comprehensive overlay emergency access response.

Features and benefits of the NEW Click2Enter-I.V4:

- ✪ Mutual Aid Control
- ✪ Stealth Operation
- ✪ Improved Response Time
- ✪ Officer Safety Friendly
- ✪ Provides Increased Security Over Light & Siren Systems

3. 17 South Street, Unit 5 - T.B.D.

Background: The applicant is seeking approval for the installation of an exterior heat pump that was previously approved without a building permit.

Staff Comment: T.B.D.

Stipulations:

1. _____
2. _____
3. _____

Historic District Commission Work Session or Administrative Approval Application

LUHD-153

Status: Active

Submitted: Jun 12, 2020

Applicant

Jay Aucella
866-926-6888
@ jay@aucella.biz

Location

17 SOUTH ST
5
Portsmouth, NH 03801

Application Type

Please select application type from the drop down menu below

Administrative Approval

Project Information

Brief Description of Proposed Work

One outdoor Mitsubishi heat pump with two indoor mini split heads.

Description of Proposed Work (Planning Staff)

--

Project Representatives

Acknowledgement

I certify that the information given is true and correct to the best of my knowledge.

true

By checking this box, I agree that this is equivalent to a handwritten signature and is binding for all purposes related to this transaction

true

I hereby certify that as the applicant for permit, I am

Other

If you selected "Other" above, please explain your relationship to this project. Owner authorization is required.

HVAC Contractor

INTERNAL USE ONLY -- Historic District Commission Review and Approval

HDC Certificate of Approval Granted

false

HDC Approval Date

--

Planning Staff Comments

--

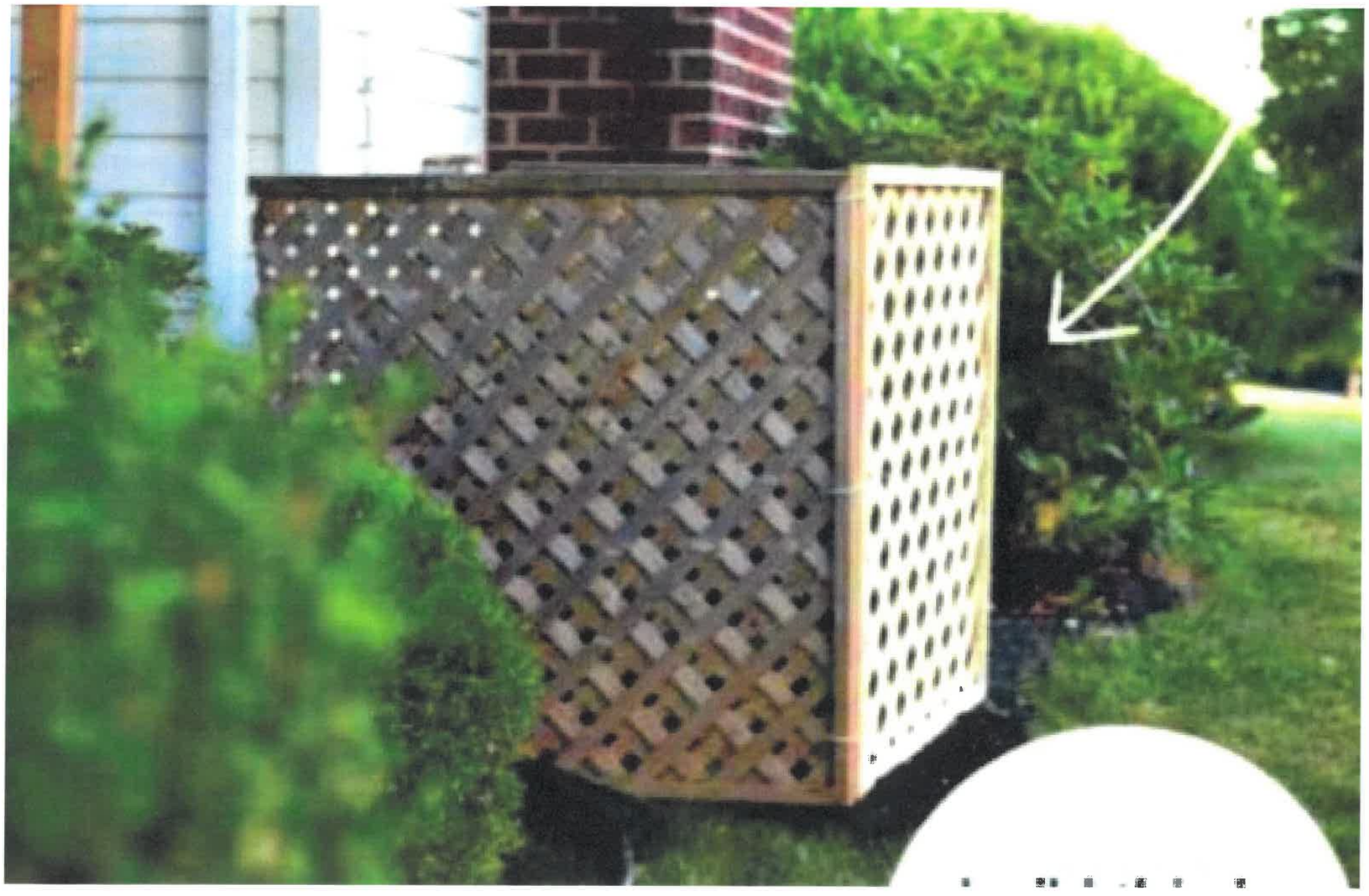
INTERNAL USE ONLY -- Letter of Decision Information

Owner Addressee Full Name and Title

--

Owner Addressee Prefix and Last Name

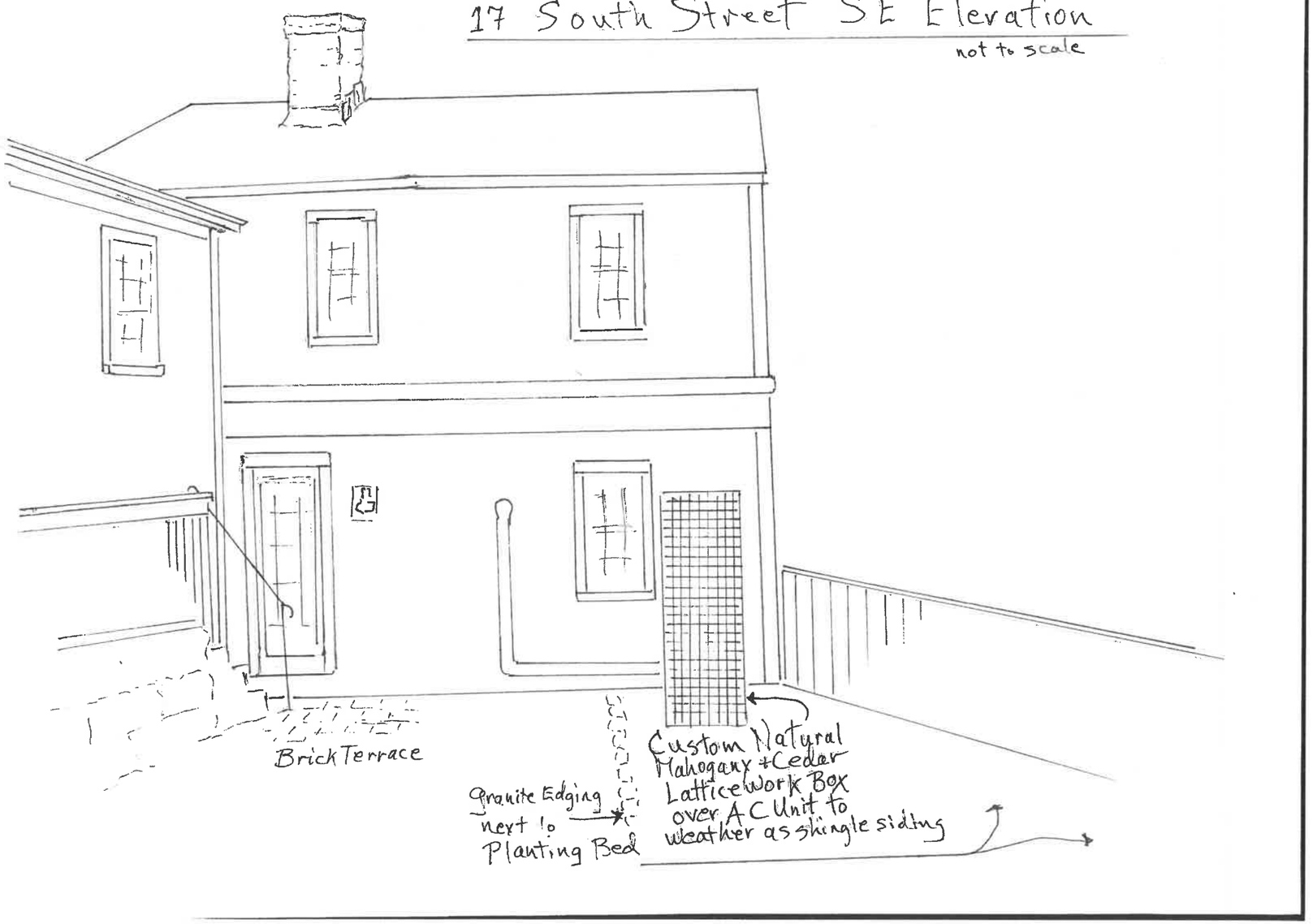
--




aucella
High Efficiency Heating & Cooling
(866) 926-6888

17 South Street SE Elevation

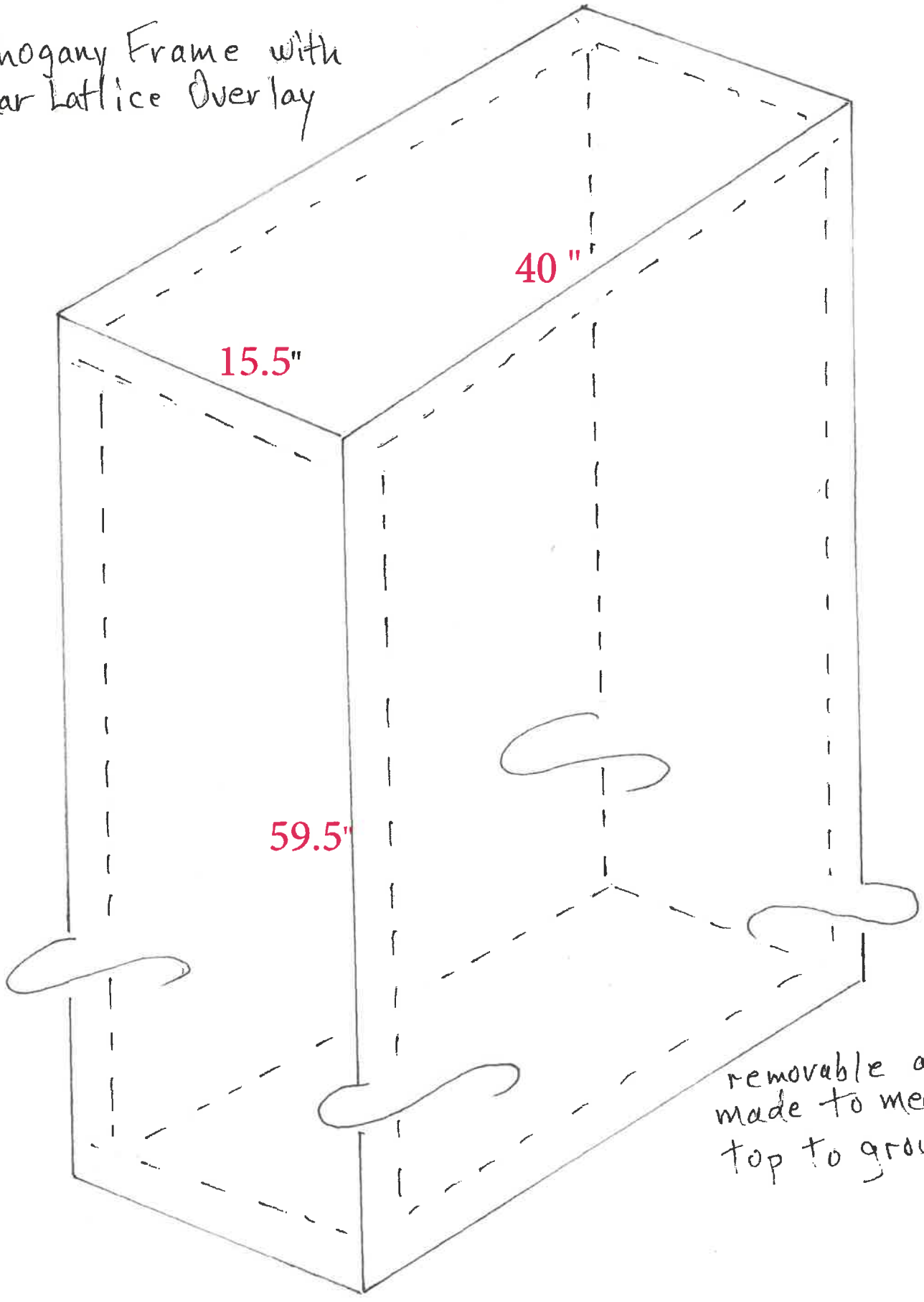
not to scale



17 South Street AC Unit Cover

not to scale

Mahogany Frame with
Cedar Latlice Overlay



removable and
made to measure
top to ground

4. 56 Middle Street - T.B.D.

Background: The applicant is seeking approval for:

1. Approved plans shows stucco application on cheeks, however on existing house the cheeks are shingle, we'd like to shingle the two cheeks on new addition shingle vs. stucco to match, pictures attached showing existing and the new addition cheeks we'd like to shingle.
2. Replacing aluminum downspouts with copper, copper detail picture attached as well as picture showing existing original copper gutters on and around balcony on State St. side.
3. We would like to carry the trim that is currently above dining room window across front of balcony around the corner toward the door of Unit B, it would help break up tall shingle wall leading to Unit B porch. Pictures attached showing the trim over dining room and the boards placed showing where trim would go on both front and west side of balcony walls.
4. The west side of balcony wall will be stepped so that tallest portion that connects to the house will block bathroom window of adjacent unit and graduate down to 42inches to tie into the front wall facing State Street. Another rough hand sketch attached.
5. The State St. facing balcony is 14'10". We would like to break up that front facing balcony wall by inserting 1"sq mahogany balusters in an opening to allow a view. The balusters would be 12" and would be placed in middle 8 '10 foot section of the 14'10" wall leaving 3' wall on either end. Picture of concept attached.

Staff Comment: T.B.D.

Stipulations:

1. _____
2. _____
3. _____

Historic District Commission Work Session or Administrative Approval Application

LUHD-155

Status: Active

Submitted: Jun 12, 2020

Applicant

Jason Theodore (for 56 Middle St LLC)
603-661-6823
@ barbaratheodore@comcast.net

Location

56 MIDDLE ST
Portsmouth, NH 03801

Application Type

Please select application type from the drop down menu below

Administrative Approval

Project Information

Brief Description of Proposed Work

5 items:
1. approved plans shows stucco application on cheeks , however on existing house the cheeks are shingle, we'd like to shingle the two cheeks on new addition shingle vs stucco to match, pictures attached showing existing and the new addition cheeks we'd like to shingle.
2. Replacing aluminum downspouts w copper, copper detail pic attached as well as pic showing existing original copper gutters on and around balcony on state st side.
3. we would like to carry the trim that is currently above dining room window across front of balcony around the corner toward the door of B unit, it would help break up tall shingle wall leading to Unit B porch. Pics attached showing the trim over dining room and the boards placed showing where trim would go on both front and west side of balcony walls
4. the west side of balcony wall will be stepped so that tallest portion that connects to house will block bathroom window of adjacent unit and graduate down to 42inches to tie into the front wall facing state street. Another rough hand sketch attached.
5. The State St facing balcony is 14'10" . We would like to break up that front facing balcony wall by inserting 1"sq mahogany balusters in a opening to allow view. The balusters would be 12" and would be placed in middle 8 '10 foot section of the 14'10" wall leaving 3' wall on either end. Pic of concept attached.

Description of Proposed Work (Planning Staff)

--

Project Representatives

Acknowledgement

I certify that the information given is true and correct to the best of my knowledge.

true

By checking this box, I agree that this is equivalent to a handwritten signature and is binding for all purposes related to this transaction

true

I hereby certify that as the applicant for permit, I am

Owner of this property

If you selected "Other" above, please explain your relationship to this project. Owner authorization is required.

--

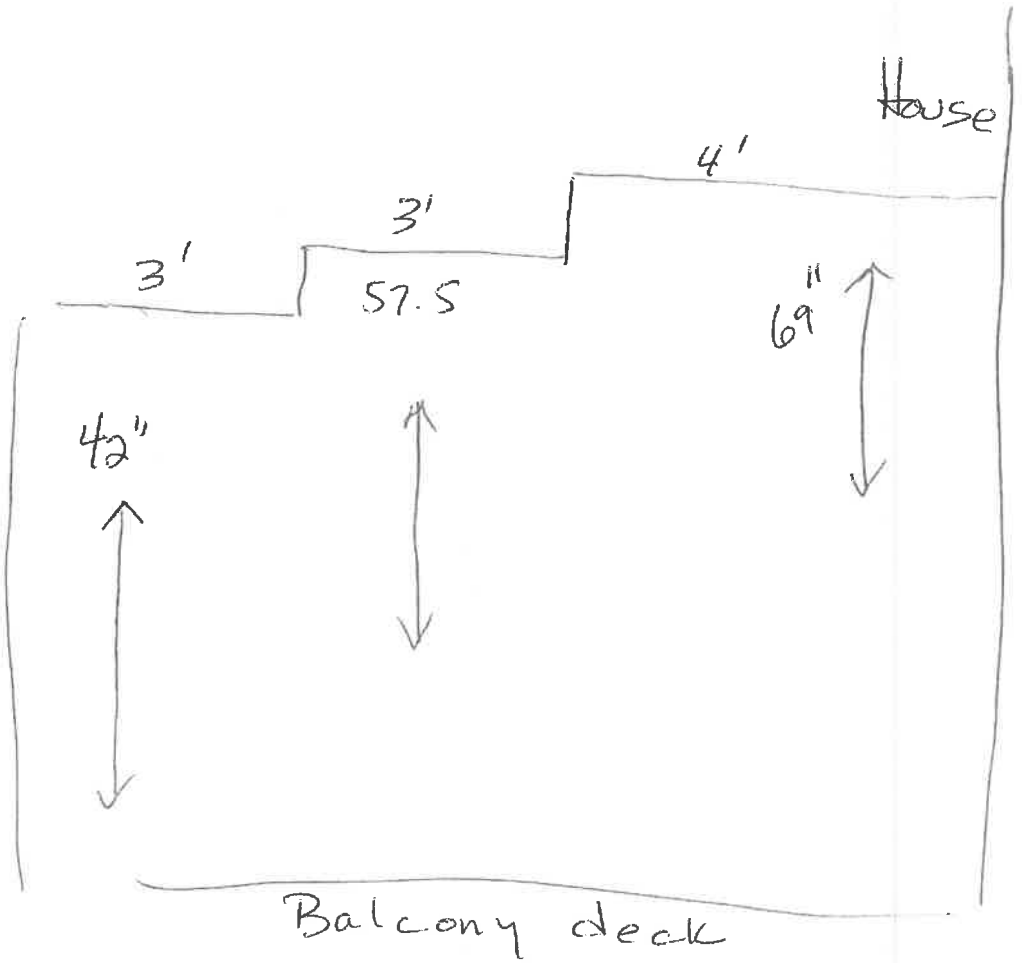
INTERNAL USE ONLY -- Historic District Commission Review and Approval


FOR SALE
bobcat


HING


AIR system

West Wall

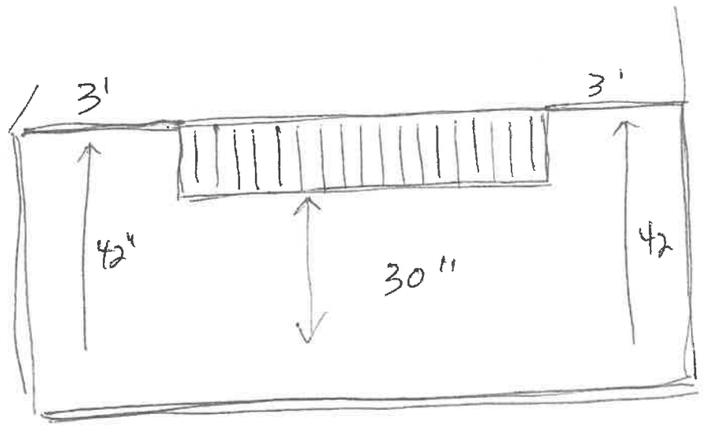


Balcony is on Unit A
Unit B bathroom is just on other side of wall

Balcony Facing State St.

14' 10" length

Request addition of mahogany balusters in middle portion to open up view.



Conceptual pic attached


Edit View History Bookmarks Develop

5. 58 State Street - Recommended Approval

Background: The applicant is seeking approval for the removal of the existing mahogany deck, Azek railing, Hardie Plank siding, Azek trim and roofing as needed to repair water damage. Replace all materials in-kind with the exception of the deck, to be replaced with Timber Tech Azek.

Staff Comment: Recommended Approval

Stipulations:

1. _____
2. _____
3. _____

Historic District Commission Work Session or Administrative Approval Application

LUHD-156

Status: Active

Submitted: Jun 14, 2020

Applicant

Ben Auger
603-430-9004 ext. 202
@ ben@augerbuildingcompany.com

Location

58 STATE ST
Portsmouth, NH 03801

Application Type

Please select application type from the drop down menu below

Administrative Approval

Project Information

Brief Description of Proposed Work

Remove existing mahogany decking, Azek railing, HardiePlank siding, Azek trim, and EPDM roofing as needed to address and repair damage due to water infiltration. All material will be replaced or repaired in-kind other than the decking. We would like to replace the existing mahogany decking with TimberTech AZEK Vintage Collection in mahogany color

Description of Proposed Work (Planning Staff)

--

Project Representatives

State

--

Phone

603-312-7499

Relationship to Project

Other

Full Name (First and Last)

Dave Carr

Zip Code

--

If you selected "Other", please state relationship to project.

Project Manager

Email Address

dave@augerbuildingcompany.com

City/Town

--

Business Name (if applicable)

--

Mailing Address (Street)

--

Acknowledgement

I certify that the information given is true and correct to the best of my knowledge.

true

By checking this box, I agree that this is equivalent to a handwritten signature and is binding for all purposes related to this transaction

true

I hereby certify that as the applicant for permit, I am

- Get Started

Steadfast Color
Designed to retain color, proven in third-party testing.

Seamless Design Integration
Superior technology allows for unique design options including a wider width (7.25") deck board and a narrow width deck board (3.5")

Wood Character
Natural hardwood aesthetics achieved through the most advanced technology. Diverse woodgrain options provide elegance and style

Livable, Durable Decks
Scratch-and dent-resistant for a more durable surface than many competitive composite and wood products.

Stays Cooler to the Touch

Up to 30 degrees cooler than many competitive composite products.

More Traction, Fewer Falls
Up to 40% better slip resistance than many competitive composite products.

Superior Mold Resistance
No wood fillers in the core or the cap for the best resistance to mold and other moisture damage

Surface Protection
Alloy Armour Technology (AAT), is a proprietary alloy blend that provides improved performance characteristics, such as outstanding weather protection, UV protection, resistance to scratching, and improved colorfastness.

Home › Products › Decking › TimberTech AZEK › Vintage Collection®

Vintage Collection®

Truly the best of the best in decking, these capped polymer boards feature sophisticated, natural-looking colors with a subtle wire-brushed, low-gloss finish for an authentic wood look. Boasting the most powerful core and cap technology in the industry, this "Designer Series" of decking makes it easy to transform your outdoor living space into a masterpiece.

Color

Sample Size

1' Sample

1' Sample Narrow Width

1' Sample Wide Width

2' Sample

2' Sample MAX

2' Sample Narrow Width

2' Sample Wide Width

4" Sample MAX

$0.00

- 1 + to cart Share this color

Share this page

4.2 (18) Write a review

Details

Dimensions

Installation & Warranty

FAQs

Reviews

Steadfast Color

Designed to retain color, proven in third-party testing.

6. 28 Chestnut Street - Recommended Approval

Background: The applicant is seeking approval for replace existing HVAC louver on Porter Street with larger (6") aluminum louver (to be painted green).

Staff Comment: Recommended Approval

Stipulations:

1. _____
2. _____
3. _____

Historic District Commission Work Session or Administrative Approval Application

LUHD-157

Status: Active

Submitted: Jun 14, 2020

Applicant

Ben Auger
603-430-9004 ext. 202
@ ben@augerbuildingcompany.com

Location

28 CHESTNUT ST
Portsmouth, NH 03801

Application Type

Please select application type from the drop down menu below

Administrative Approval

Project Information

Brief Description of Proposed Work

Replace existing HVAC louver on Porter St facade with new slightly taller (6") louver. New louver will be in same location as existing louver. It is made of aluminum and painted green to match color of adjacent window coverings.

Description of Proposed Work (Planning Staff)

--

Project Representatives

Acknowledgement

I certify that the information given is true and correct to the best of my knowledge.

true

By checking this box, I agree that this is equivalent to a handwritten signature and is binding for all purposes related to this transaction

true

I hereby certify that as the applicant for permit, I am

Other

If you selected "Other" above, please explain your relationship to this project. Owner authorization is required.

General Contractor

INTERNAL USE ONLY -- Historic District Commission Review and Approval

HDC Certificate of Approval Granted

--

HDC Approval Date

--

Planning Staff Comments

--

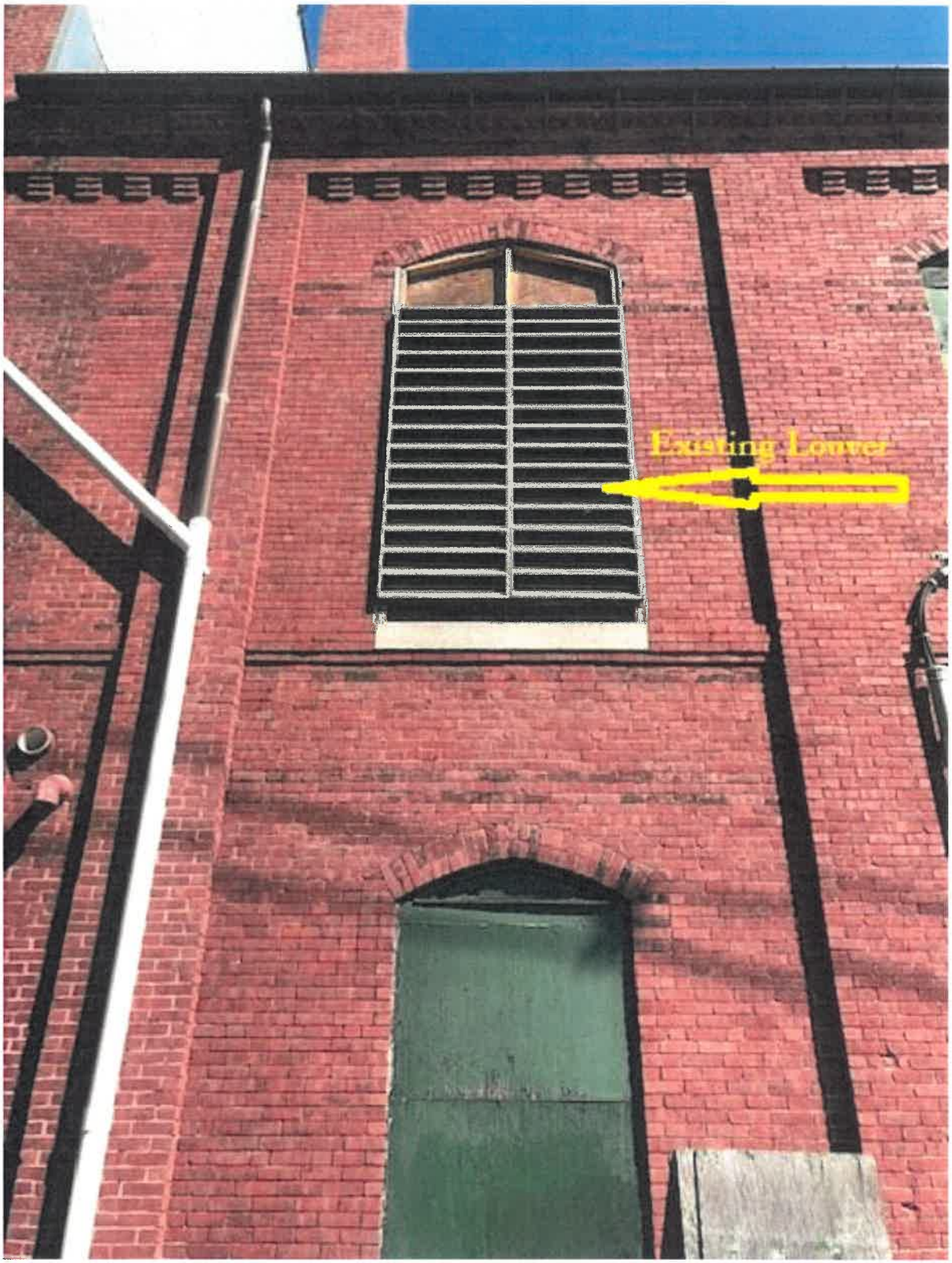
INTERNAL USE ONLY -- Letter of Decision Information

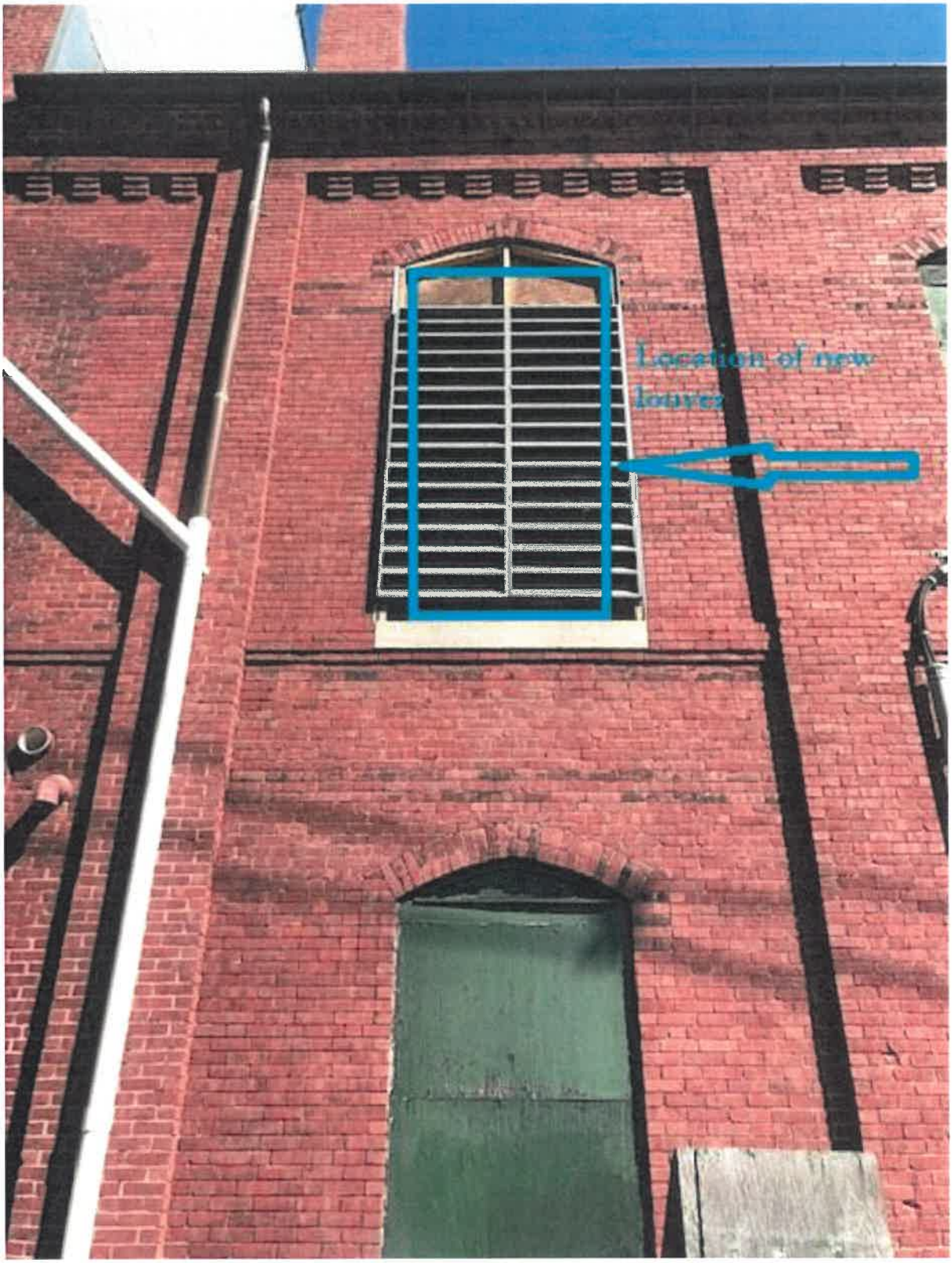
Owner Addressee Full Name and Title

--

Owner Addressee Prefix and Last Name

--


Existing Louver


Location of new louvre

7. 135 Congress Street, Unit 145- Recommended Approval

Background: The applicant is seeking approval for rooftop railings around the structure, wood siding, a re-built chimney and a roof top flag pole.

Staff Comment: Recommended Approval

Stipulations:

1. _____
2. _____
3. _____

Historic District Commission Work Session or Administrative Approval Application

LUHD-158

Status: Active

Submitted: Jun 18, 2020

Applicant

Andrew Sidford
9784621657
@ kgezzer@asidfordarchitects.com

Location

135 CONGRESS ST
145
Portsmouth, NH 03801

Application Type

Please select application type from the drop down menu below

Administrative Approval

Project Information

Brief Description of Proposed Work

Additional historic architectural details for rooftop

Description of Proposed Work (Planning Staff)

--

Project Representatives

Phone
978.462.1657

Full Name (First and Last)
Andrew Sidford

Business Name (if applicable)
Andrew Sidford Architects

If you selected "Other", please state relationship to project.
--

Email Address
asidford@asidfordarchitects.com

Mailing Address (Street)
44 Merrimac St

Relationship to Project
Architect

City/Town
MA

State
Newburyport

Zip Code
01950

Acknowledgement

I certify that the information given is true and correct to the best of my knowledge.

true

By checking this box, I agree that this is equivalent to a handwritten signature and is binding for all purposes related to this transaction

true

I hereby certify that as the applicant for permit, I am

Other

If you selected "Other" above, please explain your relationship to this project. Owner authorization is required.

Architect

HISTORIC FACADE REFERENCE

ANDREW SIDFORD ARCHITECTS
44 Merrimac Street Newburyport, MA 01950 978.462.1657 www.asidfordarchitects.com

YMCA BUILDING
135 CONGRESS STREET
PORTSMOUTH, NH

DATE	REVISION	
10.18.2020	HDC ADMINISTRATIVE APPROVALS	KO

DRAWING TITLE: PROPOSED SOUTH-FRONT ELEVATION

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

A-201

NOTE: ANY UNPROTECTED OPENINGS ON THE WEST SIDE OF THE BUILDING SHALL COMPLY WITH CHAPTER 6 OF THE INTERNATIONAL BUILDING CODE.

ANDREW SIDFORD ARCHITECTS
44 Merrimac Street Newburyport, MA 01950
978.462.1657 www.asidfordarchitects.com

LICENSED ARCHITECT ANDREW SIDFORD NO. 18926 COMMONWEALTH OF MASSACHUSETTS

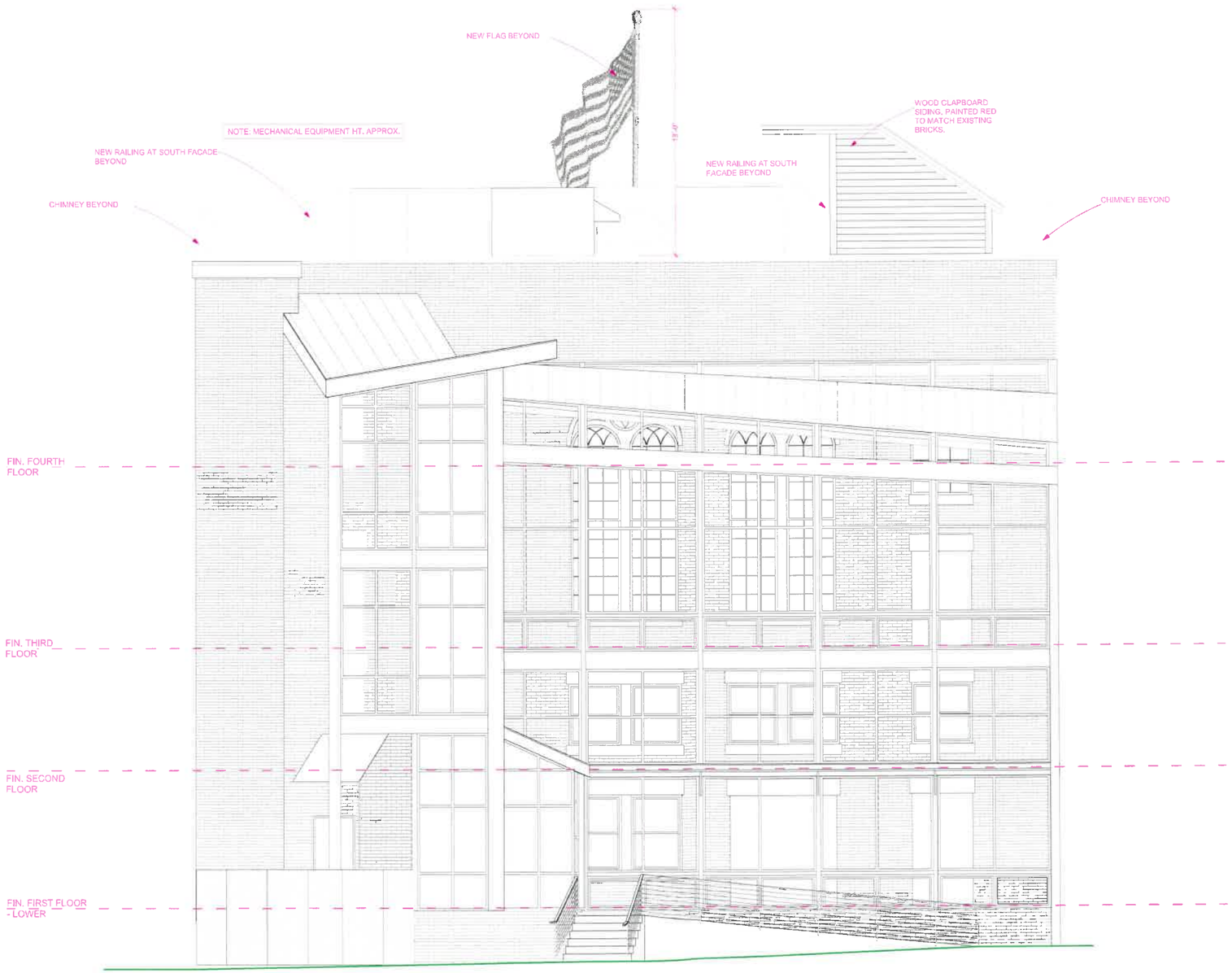
DATE	REVISION	
09.18.2020	HDC ADMINISTRATIVE APPROVALS	KO

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

YMCA BUILDING
125 CONGRESS STREET
PORTSMOUTH, NH

DRAWING TITLE: PROPOSED WEST-SIDE ELEVATION

A-202



ANDREW SIDFORD ARCHITECTS
44 Merrimac Street Newburyport, MA 01950 978.462.1657 www.asidfordarchitects.com

DATE	REVISION	
06.19.2020	HDC ADMINISTRATIVE APPROVALS	KO

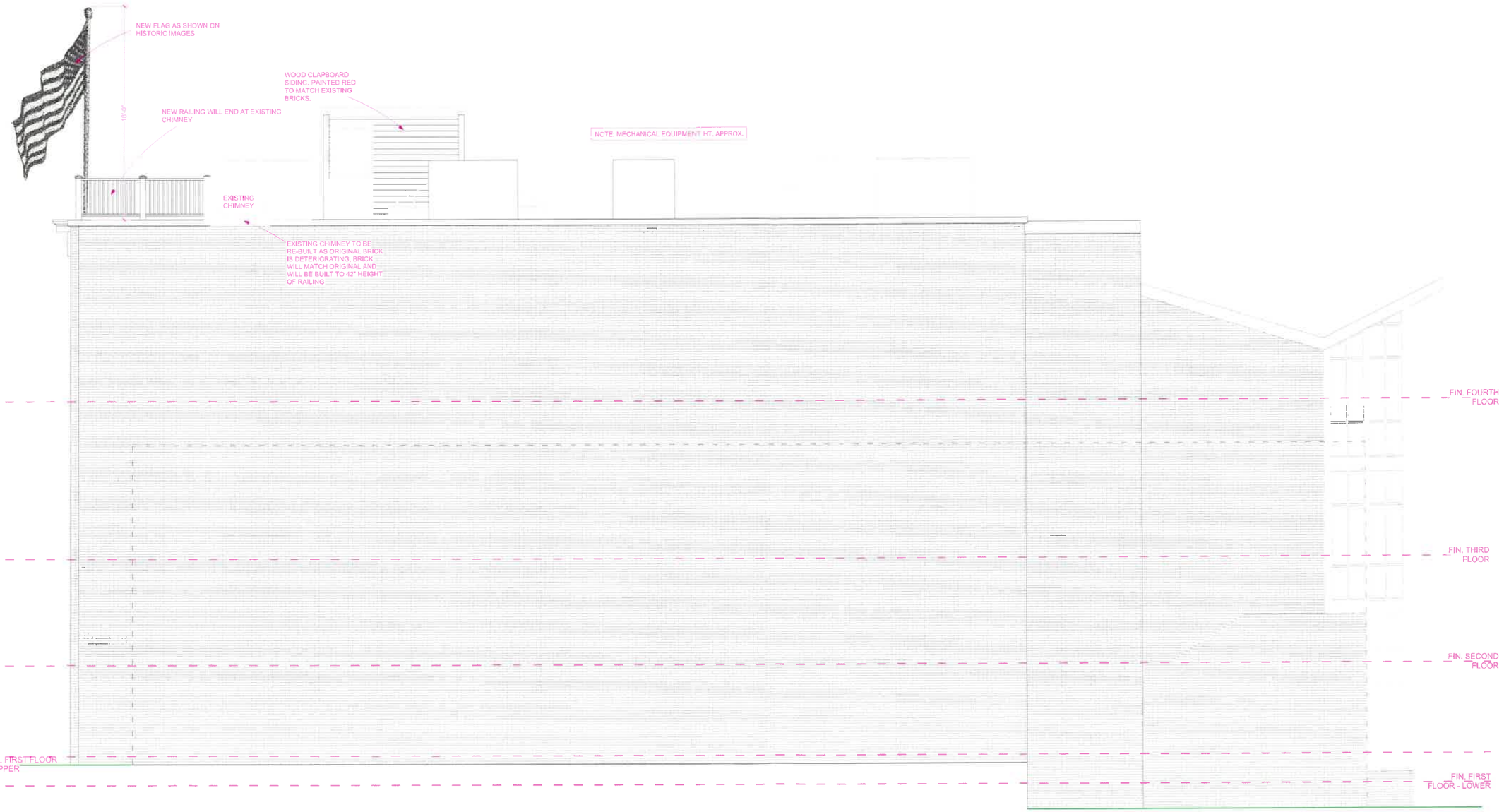
YMCA BUILDING
135 CONGRESS STREET
PORTSMOUTH, NH

DRAWING TITLE:
PROPOSED NORTH-REAR ELEVATION

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

A-203

NOTE: ANY UNPROTECTED OPENINGS ON THE WEST SIDE OF THE BUILDING SHALL COMPLY WITH CHAPTER 6 OF THE INTERNATIONAL BUILDING CODE.



ANDREW SIDFORD ARCHITECTS
44 Merrimac Street Newburyport, MA 01950
978.462.1657 www.asidfordarchitects.com

ANDREW SIDFORD LICENSED ARCHITECT No. 10651 COMMONWEALTH OF MASSACHUSETTS

NO	REVISION	DATE
	HDC ADMINISTRATIVE APPROVALS	05.14.2019

YMCA BUILDING
135 CONGRESS STREET
PORTSMOUTH, NH

DRAWING TITLE:
PROPOSED EAST-SIDE ELEVATION

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

A-204

8. 25 Maplewood Avenue - T.B.D.

Background: The applicant is seeking approval for modifications to four entryways.

Staff Comment: T.B.D.

Stipulations:

4. _____
5. _____
6. _____

1 - HANOVER - CORNER - RETAIL

PROPOSED VIEW

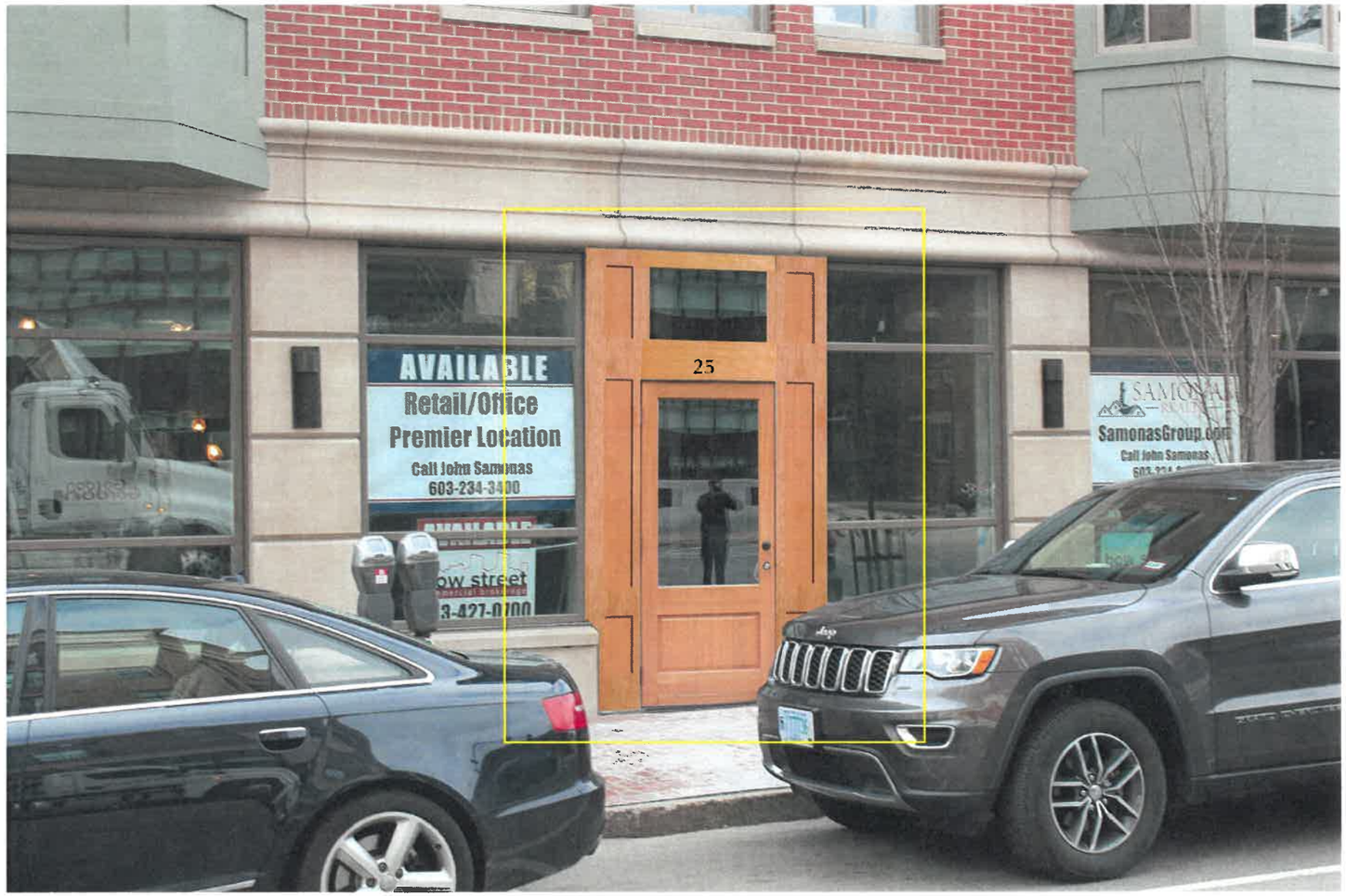
EXISTING

ADD MOLDING
TO PANEL INSET

REMOVE EXISTING PAINTED
TRIM AND INSTALL WOOD PANELS
TO MATCH DOOR

PROPOSED

2 - HANOVER - RETAIL



PROPOSED VIEW

EXISTING

ADD GLASS TRANSOM

ADD MOLDING TO PANEL INSET

REMOVE EXISTING PAINTED TRIM AND INSTALL WOOD PANELS TO MATCH DOOR

PROPOSED

3 - MAPLEWOOD - PROVIDENT - RETAIL

PROPOSED VIEW

EXISTING

ADD MOLDING
TO PANEL INSET

REMOVE EXISTING PAINTED
TRIM AND INSTALL WOOD PANELS
TO MATCH DOOR

PROPOSED

4- MAPLEWOOD - PROVIDENT - ATM

PROPOSED VIEW

EXISTING

ADD MOLDING
TO PANEL INSET

REMOVE EXISTING PAINTED
TRIM AND INSTALL WOOD PANELS
TO MATCH DOOR

PROPOSED

5 - MAPLEWOOD-RESIDENTAIL

PROPOSED VIEW

EXISTING

ADD MOLDING
TO PANEL INSET

REMOVE EXISTING PAINTED
TRIM AND INSTALL WOOD PANELS
TO MATCH DOOR

PROPOSED

6 - MAPLEWOOD - PROVIDENT

PROPOSED VIEW

EXISTING

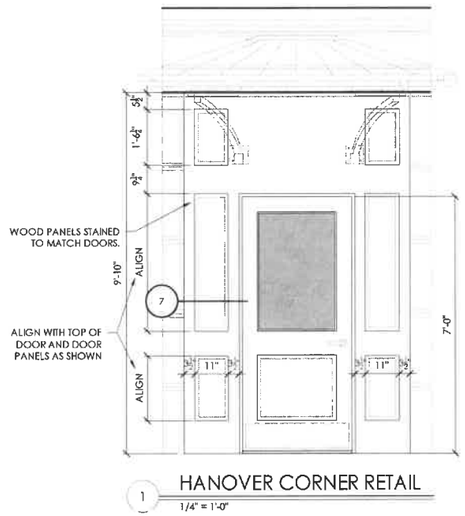
ADD GLASS TRANSOM

ADD MOLDING TO PANEL INSET

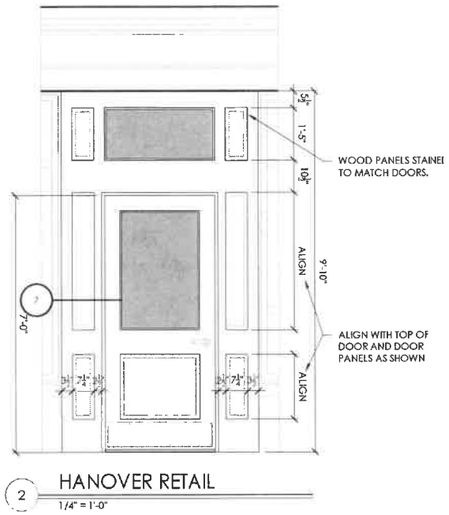
REMOVE EXISTING PAINTED TRIM AND INSTALL WOOD PANELS TO MATCH DOOR

PROPOSED

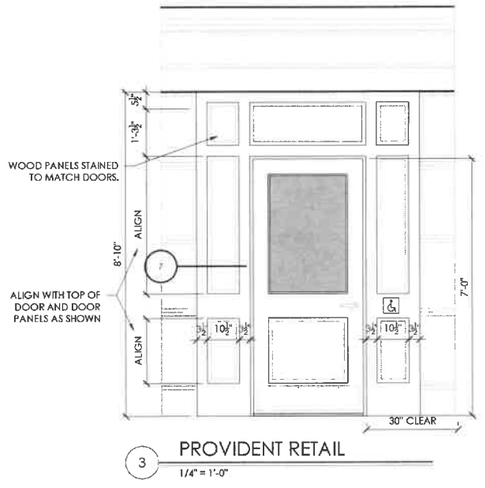
7 - ELEVATIONS AND DETAIL



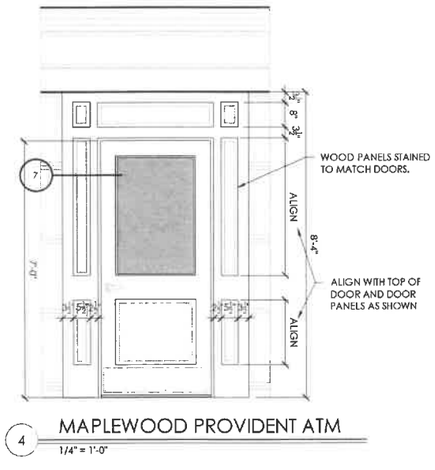
1 HANOVER CORNER RETAIL
1/4" = 1'-0"



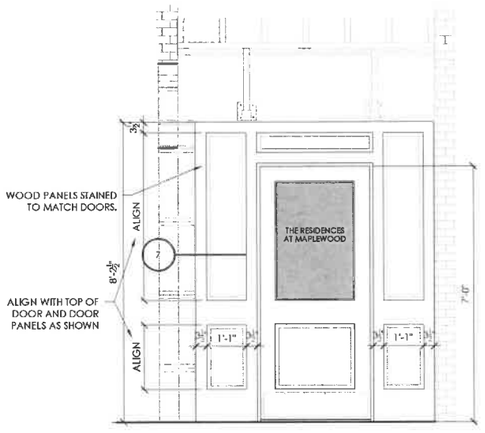
2 HANOVER RETAIL
1/4" = 1'-0"



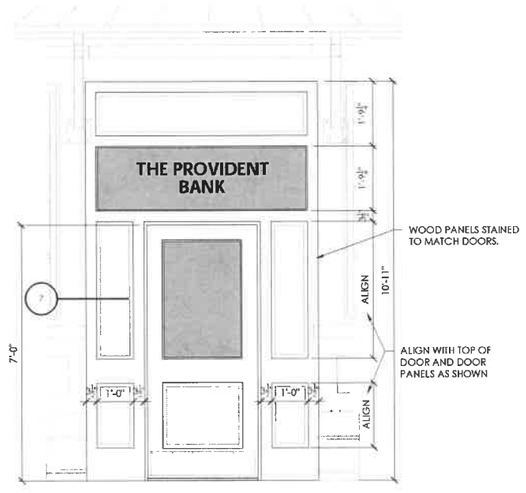
3 PROVIDENT RETAIL
1/4" = 1'-0"



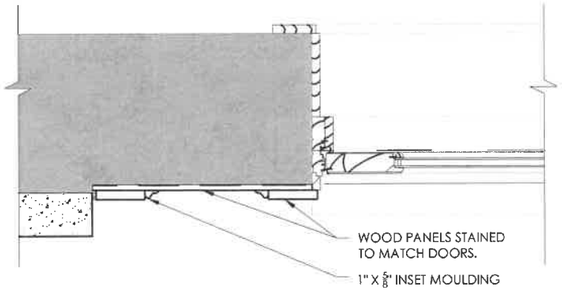
4 MAPLEWOOD PROVIDENT ATM
1/4" = 1'-0"



5 MAPLEWOOD RESIDENTIAL
1/4" = 1'-0"



6 MAPLEWOOD PROVIDENT
1/4" = 1'-0"



7 TYP PANEL DETAIL
NTS