### **Newington Historic District Commission – AGENDA** February 20, 2019 – THIRD WEDNESDAY OF EACH MONTH

February 20, 2019 – THIRD WEDNESDAY OF EACH MONTH 10:00 a.m.
TOWN OFFICES

Members	<ul> <li>Ted Connors Member (2020)</li> <li>Christopher Cross Member (2020)</li> <li>John Lamson Member (2021)</li> <li>Lulu Pickering Member (2020)</li> <li>Maxine Mintz Pottier Member (2020)</li> <li>NellAnn Hiatt Alternate (2020)</li> </ul>		
Edna Gove Resignation	January 30, 2019 – Hi Lulu, After last night's meeting it confirmed my belief that the HDC is not a good place for me. I really don't enjoy or feel comfortable with the snarky remarks. Consider this my resignation. All my best, Edna		
Sprague Energy Silo Proposal	Discuss AT&T Mobility Section 106 request relative to a proposed cell tower on the twin silos at Sprague.		
Minutes	Discuss and approve January 16, 2019 regular HDC minutes.		
All Interested Parties Meeting	Discuss and approve January 29, 2019 minutes.		

Lulu Pickering HDC Member February 18, 2019



21 B Street Burlington, MA 01803 Tel: (781) 273-2500 www.ebiconsulting.com

January 10, 2019

Newington Town Offices c/o Gail Pare 205 Nimble Hill Rd Newington, NH 03801 (603) 436-6415 REC'D JAN 1 7 2018

Subject:

Invitation to Comment

NH2064 / 10073237 / Sprague Energy Silo

126 River Road, Newington, Rockingham County, NH, 03801

EBI Project #6118002121

Dear Ms. Pare:

Pursuant to Section 106 of the National Historic Preservation Act, the regulations promulgated thereunder and interagency agreements developed thereto, EBI Consulting, Inc. on behalf of AT&T Mobility, LLC provides this notice of a proposed telecommunications facility installation at the address listed above.

EBI would like to inquire if you would be interested in commenting on this proposed project. Please refer to the attached project plans for complete details regarding this proposed project.

Please note that we are requesting your review of the attached information as part of the Section 106 process only and not as part of the local zoning process. We are only seeking comments related to the proposed project's potential effect to historic properties. You are receiving this second notice due to updated project drawings.

Please submit your comments regarding the proposed project's potential effect on historic properties to EBI Consulting, to my attention at 21 B Street, Burlington, MA 01803 or contact me via telephone at the number listed below. Please reference the EBI project number. We would appreciate your comments as soon as possible within the next 30 days. Please do not hesitate to contact me if you have any questions or concerns about the proposed project.

Respectfully Submitted,

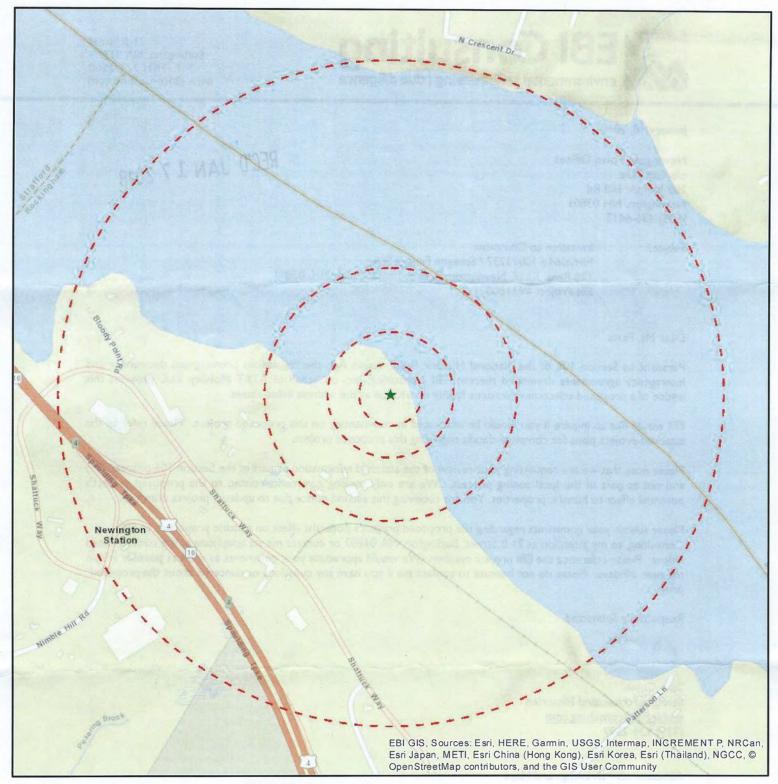
Tara Cubie

Senior Architectural Historian

tcubie@ebiconsulting.com

(339) 234-2597

Attachments - Drawings and Maps



Legend

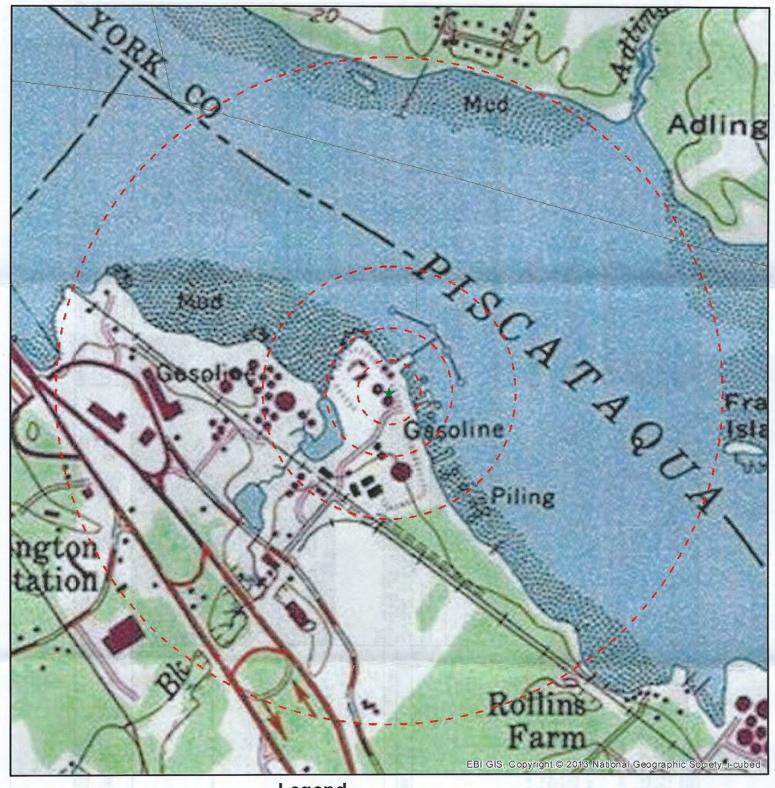
**Project Site** 

Site Radius at 250', 500', 1000' and ½ mile

Figure 1: Site Location Map

NH2064 / 10073237 SPRAGUE ENERGY SILO **162 RIVER ROAD NEWINGTON, NH 03801** 





Legend

\*

Project Site



Site Radius at 250', 500', 1000' and ½ mile

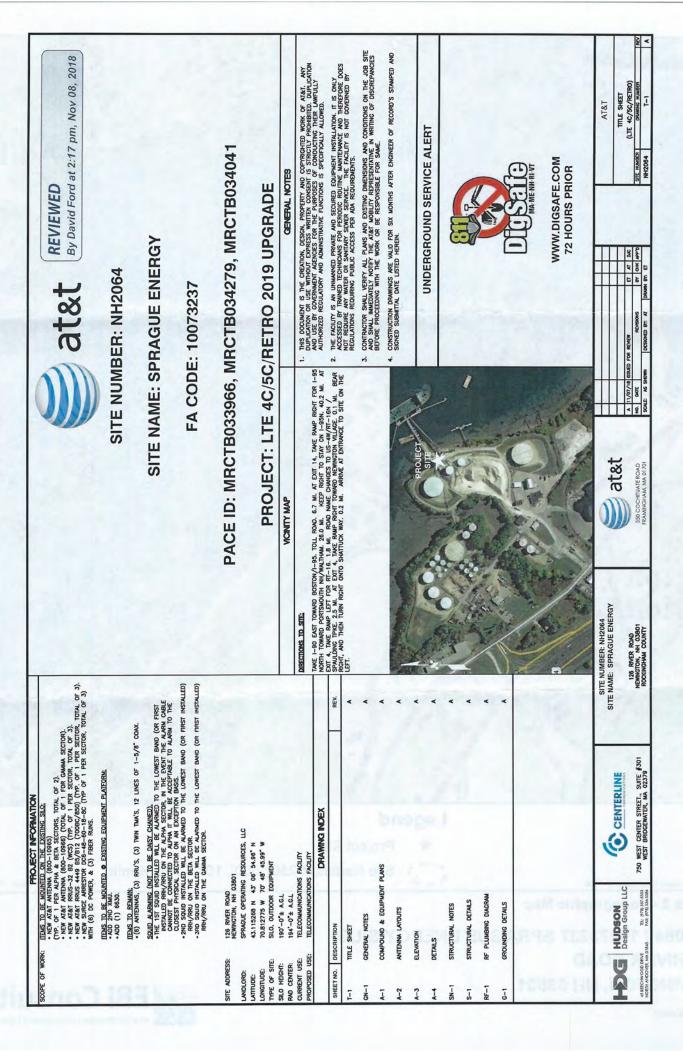
Date: 3/9/2018

Figure 2 - Topographic Map

USGS 24K Quad: Portsmouth, NH 1986

NH2064 / 10073237 SPRAGUE ENERGY SILO 162 RIVER ROAD NEWINGTON, NH 03801





## GROUNDING NOTES

- THE SUBCONTRACTOR SHALL REVIEW AND INSPECT THE DISTING FACILITY GROUNDING SYSTEM AND LOGATIVING PROTECTION SYSTEM, 4S DESCRIEGES AND INSTALLED) FOR STREET COMPLIANCE WITH THE NEC (4S, ADOPTED BY THE 4NJ). THE STREE-SECENC (UL, LP), OR PAYAND LIGHTING PROTECTION CODE, AND GENERAL COMPLIANCE WITH TELCORISM AND THA GROUNDING STRUMAGES. THE SUBCONTRACTOR SHALL REPORT ANY VIOLATIONS OR ADVERSE PRUNINGS.
- ALL GROUND ELECTRODE SYSTEMS (MCLUDMC, TELECOMMUNICATION, RADIO, LIGHTRING PROTECTION, NAD. AC POWER CES'S SYALL BE BONDOT TOGETHER, AT OR BELOW GRADE, BY TWO OR MORE COPPER BONDING. CONDUCTORS IN ACCORDANCE WITH THE NEC.
- THE SUBCONTRACTOR SHALL PERFORM IEEE FALL—OF—POTENTIAL RESISTANCE TO EARTH TESTING (FOR IEEE 1100 WARD 81) FOR HW GROUND ELECTRODE SYSTEMS. THE SUBCONTRACTOR SHALL FURNISH AND INSTALL SUPPLIAENTAL GROUND ELECTRODES AS NEEDE TO ACHIEVE A TEST RESULT OF 5 OHMS OR LESS.
  - METAL RACEWAY SHALL NOT BE USED AS THE NEC. REQUIRED EQUIPMENT GROUND CONDUCTORS. STRANDED. COPPER CONDUCTORS WITH GREEN INSULATION, SIZED IN ACCORDANCE WITH THE NEC, SHALL BE FURNISHED AND INSTALLED WITH THE POWER GROUNTS TO BIS EQUIPMENT.
- ACH BIS CABINET FRAME SHALL BE DIRECTLY CONNECTED TO THE MASTER REGIOND BAY WITH GREEN INSULATED SUPPLIBIENTAL EQUIPMENT GROUND WIRES, 6 AMS STRANDED COPPER OR LANGER FOR INDOOR BITS 2 ANG STRANDED COPPER FOR OUTDOOR BITS.
  - EXOTHERMIC WELDS SHALL BE USED FOR ALL GROUNDING CONNECTIONS BELOW GRADE.
- APPROVED ANTIOXIDANT COATINGS (I.E., CONDUCTIVE GEL OR PASTE) SHALL BE USED ON ALL COMPRESISION AND BOLTED GROUND CONNECTIONS.
- ICE BRIDGE BONDING CONDUCTORS SHALL BE EXOTHERMICALLY BONDED OR BOLTED TO GROUND EAR.
- 10. MISCELLANEOUS ELECTRICAL AND NON-ELECTRICAL METAL BOXES, FRAMES AND SUPPORTS SHALL BE BONDED TO THE GROUND RING, IN ACCORDANCE WITH THE NEC.

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

- 11. METAL CONDUIT SHALL BE MADE ELECTRICALLY CONTINUOUS WITH LISTED BONDING FITTINGS OR BY BONDING AAROSS THE DISCOMINUITY WITH 6 AMS COPPER, WHEL UL APPROVED GROUNDING TIPE CONDUIT CLAMPS.
  - 12. ALL NEW STRUCTURES WITH A FOUNDATION AND/OR FOOTING HANING 20 FT, OR MORE OF 1/2 BI, OR GENERAL ELECTRICALLY CONDUCTIVE REDIFFICACION STEEL MUST HARE IT BONDED TO THE GROUND RING LISING AN EXCHITEMENT WELD CONNECTION USING ∯2 ANG SOLID BARE TINKED COPPER GROUND WIRE, PRR NEZ 280.50

### GENERAL NOTES

- 1. FOR THE PURPOSE OF CONSTRUCTION DRAWING, THE FOLLOWING DEFINITIONS SHALL APPLY: CONTRACTOR — CENTERLINE SUBCONTRACTOR (CONSTRUCTION) OWNER — AT&T MOBILITY
- PRIOR TO THE SUBMISSION OF BIOS, THE BIDDING SUBCONTRACTOR SYALL WIST THE CELL STITE TO FAMILIARIZE WITH THE EXTINEN CONTRIDITIONS AND TO CONFIRM THAT THE WORK CAN BE ACCOUNTSHELSHED. AS SHOWN ON THE CONSTRUCTION DRAWINGS. ANY DISCREPANCY FOUND SYALL BE BROUGHT TO THE ATTENTION OF CONTRACTOR.
- ALL MATERIALS FURNISHED SHALL BS EN STREAT ACCORDINGS WITH ALL APPRICIABLE CODES, REGULATIONS, AND GROINWACES. SUBCONTRACTOR SHALL ISSUE ALL APPROPRIATE NOTICES. AND COUNTY, WITH ALL LAWS, ORDINANCES, REGULATIONS, AND LAWS, ORDINANCES, REGULATIONS, AND LAWS, ORDINANCES, REGULATIONS, AND LAW, WHO ARE CONTRACTOR TO THE WORK. ALL WORK CARRED OUT SHALL COMPLY WITH ALL APPLICABLE MININGSHALL AND UTILITY RECULTABLY. AND UTILITY RECULTABLY SHOULD SHOULD
  - DRAWINGS PROVIDED HERE ARE NOT TO BE SCALED AND ARE INTENDED TO SHOW OUTLINE ONLY.
- UNITES NOTED OTHERWISE, THE WORK SHALL INCLUDE FURNISHING MATERIALS, EQUIPMENT, APPURITEMANCES, AND LAGOR NECESSARY TO COMPLETE ALL INSTALLATIONS AS INDICATED ON THE PORMINGS.
- ¥ "ACTING LIST" SUPPLED WITH THE BIO PACKAGE IDENTIFIES ITEMS THAT WILL BE SUPPLED CONTRACTOR. ITEMS FOR INCLUDED IN THE BILL OF MATERIALS AND KITTING LIST SHALL BE SUPPLED BY THE SUBCONTRACTOR.
  - THE SUBCONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY STATED OTHERWISE.
- 8. IF THE SPECIPIED EQUIPMENT CANNOT BE INSTALLED AS SHOWN ON THESE DRAWINGS, THE SUCKINGTION SHALL PROPOSE. AN ALTERWINE INSTALLINON SPACE FOR APPROVAL BY THE CONTINUENTING.
- SUBCONTRACTOR SHALL DETERMINE ACTUAL ROUTING OF CONDUIT, POWER AND TI CABLES, GROUNDING VABLES AS SHOWN ON THE POWER, GROUNDING AND TIMES TO SHALL AND NEW TRAYS AS SUBCONTRACTOR SHALL UTILZE DISTING TRAYS AND/OR SHALL AND NEW TRAYS AS INCESSART, SUBCONTRACTOR SHALL CONFINAL THE ACTUAL ROUTING WITH THE CONTRACTOR.
- THE SUBCONTRACTOR SHALL PROTECT DESTRING MERGADELENTS, PAREMENTS, CURBS, LANGSCHPING, AND STRUCTURES, ANY DAWGED PART SHALL BE REPAIRED AT SUBCONTRACTOR'S EXPENSE TO THE SATISFACTION OF OWNER.
- ADDOMESTICA SALL LEALY WAS PROPERLY USSORS OF ALL SCARP INTERALS SUCH AS COAMAL CARLES AND OTHER TEAS RELAKED FROM THE EDISTING PACILITY. ANTENNS RELAKED 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.

- ANY HEW CONCRETE NEEDED FOR THE CONSTRUCTION SWAL BE ARR-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 ASS SPECIFICATIONS. ALL STRUCTURAL STEEL SHALL BE ASTIN ASS (FY) 36 km). ALL STEEL DEVOCACIO TO WATHER SHALL BE ASTIN ASS TOPE E (F) 36 km). ALL STEEL DEVOCACIO TO WATHER SHALL BE HOT DIPPED DALWANZED. TO WOCHAP ALL SCHALLES AND OTHER MAKES IN THE FIELD AFTER STEEL SE SECTED USING A COMPANIBLE ZING SRUP PAIN
- 16. CONSTRUCTION SHALL COMPLY WITH SPECIFICATIONS AND "GENERAL CONSTRUCTION SERVICES FOR CONSTRUCTION OF AT&T SITES."
- 17. SUBCONTRACTOR SHALL VERIETY ALL EXISTING DIMENSIONS AND CONDITIONS FROR TO COMMENCING WITH WORK, ALL UNDERSIONS OF EXISTING CONSTRUCTIONS SHOWN OF THE DRAWNICS MUST BE VERFIED, 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 DESERVED THE EXISTING WORKLAND, OPERATION, MAY WIRNY CAN EXISTING STATING STATING CONSTRUCTION. ALSO, WORK SHOULD BE CONFIDENTED WHIT CONTRACTOR. ALSO, WORK SHOULD BE VEICE AN APPRIOFRATE MANITENANCE WINDOW USUALLY IN LOW TRAFFIC PERIODS. AF EX MINIORING THE CONTRACTOR OF THE MAINTENANCE WINDOW.
- 19. SINCE THE CELL SITE IS ACTIVE. ALL SAFETY PRECAUTIONS MUST BE TAKEN WHEN WORKING FROUND HEN LUTELS OF ELECTROMAGNETIC ROUNDING. ESCHIMMENT SHOULD BE SHUTDOWN PRICK TO PERSTORAINE ARY WORK THAT COLUL STROSS THE WORKERS TO DANGER. PERSONAL RE EXPOSIVE LESS. SECTIONS ARE ADVISED TO BE WORN TO ALEKT OF ANY DANGEROUS EXPOSIVE LESS.
  - 20. APPLICABE BUILDING CODES: SUBCONTRACTOR'S WORK SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE, AND LOCAL, CODES & NODPTED BY THE LOCAL AUTHORITY HANNE JURSDICTION (AHJ) FOR THE LOCATION THE EDITION OF THE ALM JOSPIED CODES AND STANDARDS IN EFFECT ON THE DATE OF CONTINCT, MANCH SHALL COPEN THE DESIGN.

BUILDING CODE: IBC 2009 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 (AC) 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-G, STRUCTURAL STANDARDS FOR STEEL

FOR ANY CONFLICTS BETWEEN SECTIONS OF LISTED CODES AND STANDARDS REGARDING TRICKELL, METHODS OF CONSTRUCTION, OR OTHER REQUISEMENTS. THE MOST RESTRICTIVE RECURREMENT SALLY CONFRIN. WHERE THERE IS CONFLICT BETWEEN A CENERAL REQUIREMENT WAY O SPECIFIC REQUIREMENT, THE SPECIFIC REQUIREMENT SHALL CONFER.

					ABBREWATIONS		
AGL	ABOVE GRADE LEVEL	DE LEVEL		E	EOUAL	REO	REQUIRED
AWG	AMERICAN WIRE GAUGE	MRE GAU	39	8	GENERAL CONTRACTOR	RF	RADIO FREQUENCY
980	BATTERY BACKUP UNIT	ACKUP UN	TI.	GRC	GALVANIZED RIGID CONDUIT	TBO	TO BE DETERMINED
втсм	BARE TINNED SOLID COPPER WIRE	D SOLID		MGB	MASTER GROUND BAR	TBR	TO BE REMOVED
BGR	BURIED GROUND RING	DUND RIN	9	Z	MINIMUM	TBRR	TO BE REMOVED AND REPLACED
BITS	BASE TRANSCEINER STATION	SCENER !	STATION	۵	PROPOSED	PF.	TYPICAL
	EXISTING			NTS	NOT TO SCALE	9	UNDER GROUND
EGB	EQUIPMENT GROUND BAR	GROUND	BAR	8	RADIATION CENTER LINE (ANTENNA)	AF.	VERIFY IN FIELD
EGR	EQUIPMENT GROUND RING	GROUND	RING	REF	REFERENCE		

HUDSON Design Group LLC

TEL: (978) 557-5553 FAX: (978) 336-5586

750 WEST CENTER STREET, SUITE #301 WEST BRIDGEWATER, MA 02379 CENTERLINE

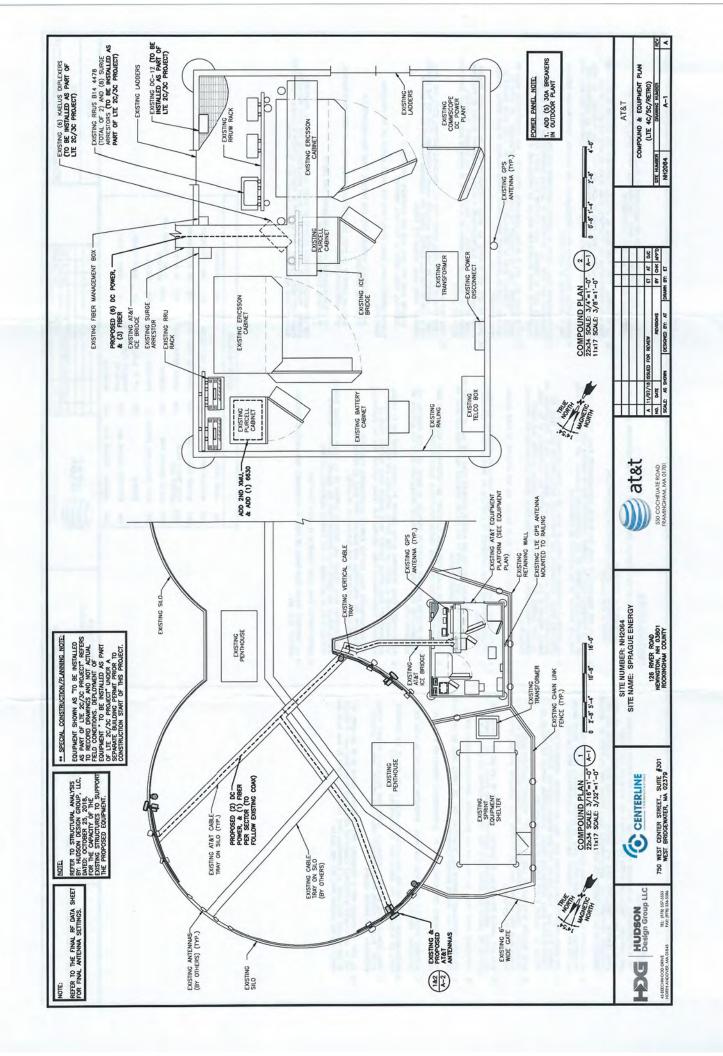
NEWINGTON, NH 03801 ROCKINGHAM COUNTY

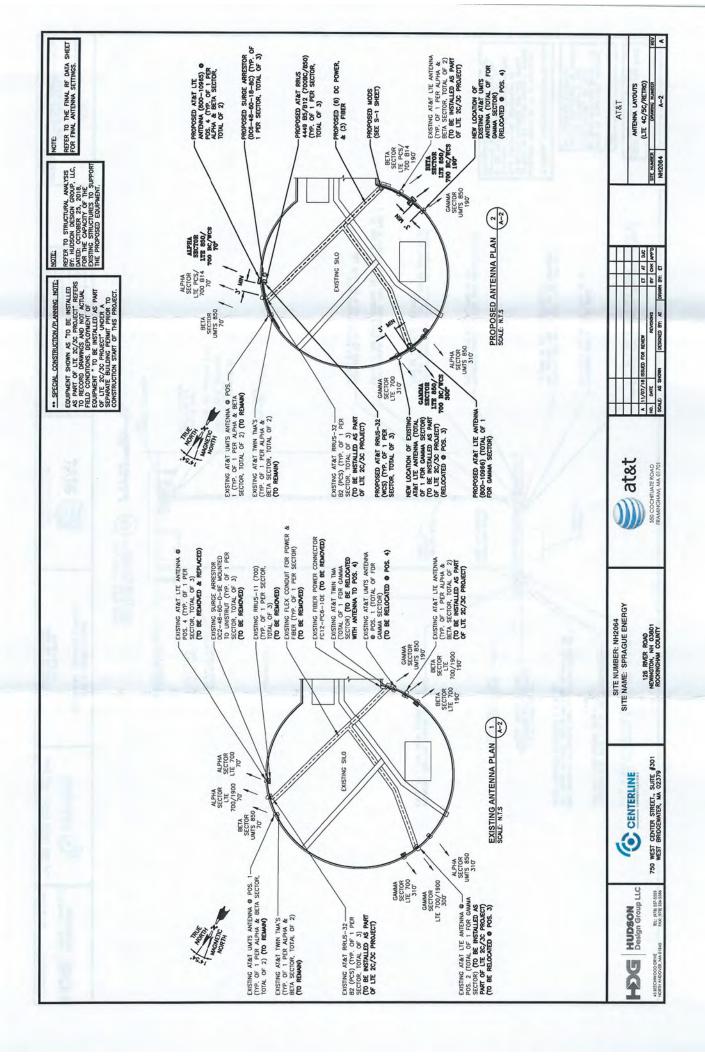
SITE NUMBER: NH2064 SITE NAME: SPRAGUE ENERGY

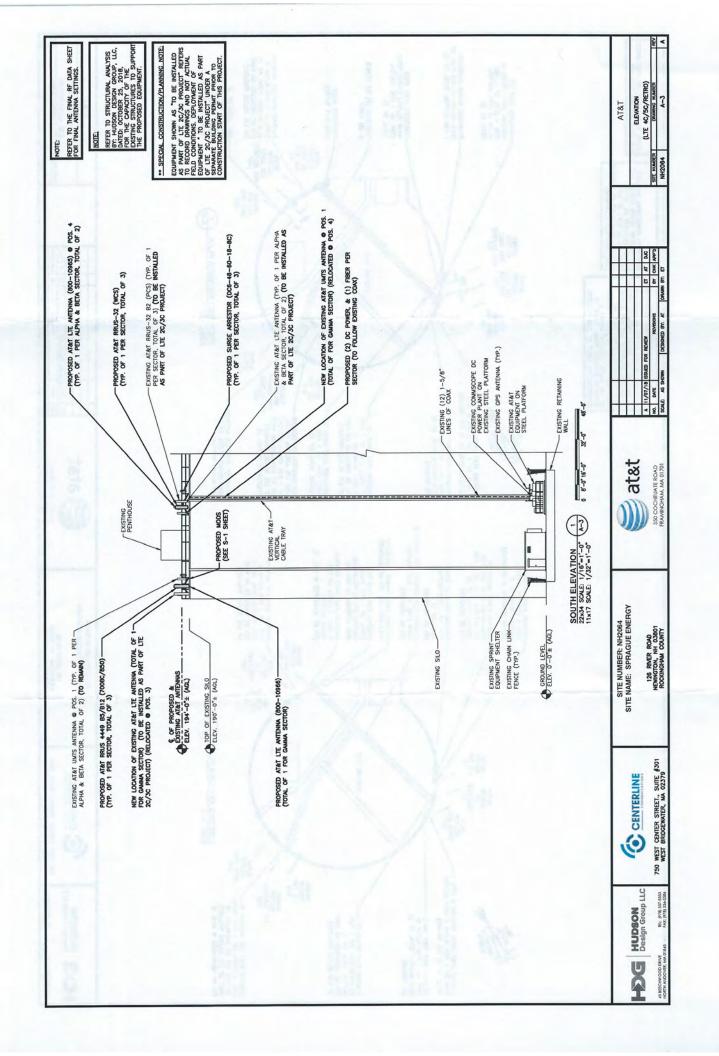
at&t 550 COCHITUATE ROAD FRAMINGHAM, MA 01701

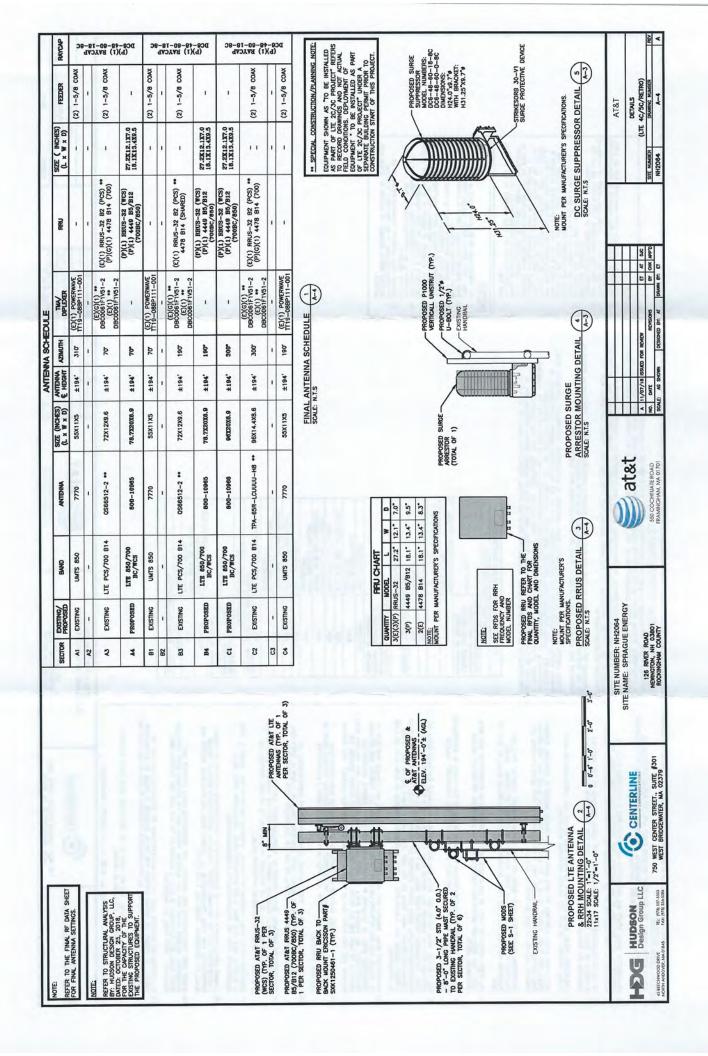
A 11/07/18 ESAZD FOR REVENT ET AT DAC NO. DATE REVENUES BY CHIK APPY SOULE AS SHOWN EDUCATOR BY AT DIVENUE BY CHIK

GENERAL NOTES (LTE 4C/5C/RETRO) DRAWING NUMBER STE HUMBER NH2064









- DESIGN REQUIREMENTS ARE PER STATE BUILDING CODE AND APPLICABLE SUPPLEMENTS. TREMENDAM, BULLDING CODE, EATH—222—C. STRUCTURAL, STANDARDS FOR STEEL ANTERNA, SUPPORTING STRUCTURES.
- CONTRACTOR SHALL VERIEY ALL DIMENSIONS AND CONDITIONS IN THE FELD PRIOR TO REMOCATION AND ERECTION OF ANY MATRIALA, ANY UNISUALAL CONDITIONS SHALL BE REPORTED TO THE ATTENTION OF THE CONSTRUCTION MANAGER AND ENGINEER OF RECORD.
  - DESIGN AND CONSTRUCTION OF STRUCTURAL STEEL SHALL CONFORM TO THE AMERICAN INSTRUCE OF STRUCTURAL ON "SPECIOATION" FOR THE DESIGN, FARRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS".
- STRUCTURAL STEEL SHALL CONFORM TO ASTN A992 (5y=50 km), MISCELLANEOUS STEEL SHALL CONFORM TO ASTM A36 UNLESS OTHERWISE INDICATED.

1. REQUIRED FOR ANY MEN SHOP FABRICATED FRE OR STEEL.

2. DROTTONED BY LEALWANG-TOWNER REQUIRED. IT HORN STRENGTH

3. DROTTONED BY CEREINAL CONTRACTORS, ROOM FOR ANY LANGE AND THE ANY LANGE AND THE ANY LANGE AND THE ANY LIGHT AND THE ANY LONG AND THE ANY LONG AND THE ANY LANGE ANY TREAL D CHAMBES TO THE ITEMS IN THE ANY LANGE.

STATILLAND OF SPECIAL INSPECTIONS. THE APPLICANT SHALL SUBMIT A STATILLENT OF SPECIAL INSPECTIONS PREPARED OFF THE REDISTERIO DESIGN PROFESSIONAL IN RESPONSED CHARGE IN ACCORDANCE WITH SECTION 107.1 AS A COMMITON FOR ISSUANCE. THIS STATISHENT SHALL BE IN ACCORDANCE WITH SECTION 1703.

REPORT REQUIREMENT: SPECIAL INSPECTIORS SHALL REPRESENDED OF INSPECTIONS. THE SPECIAL INSPECTIOR SHALL FORMERS IN THE ALLING OFFICIAL, AND TO THE REASTERIOD ISSIAN PROFESSIONAL IN RESPONSIBLE. CHARGE. REPORTS SHALL INCLAIR. THAT WORK INSPECTIOD WAS OR WAS NOT CARACLETED IN COMPUTATION OF AN ONT CARACLETED IN THAT WORK INSPECTION SHALL NOT IN THE MAN NOT CARACLETED IN THE MAN NOT OFFICIAL IN THE MAN NOT THE BUILDING TO THE MANDINE. SHALL BE SHOUGHT OF THE MANDINE SHALL BE SHOUGHT OF THE GUILDING OFFICIAL AND TO THE ATTENDANCES SHALL BE SHOUGHT OF THE GUILDING OFFICIAL AND TO THE ATTENDANCES SHALL BE SHOUGHT OF THE SHOUND OFFICIAL SHOUGHT SHALL BE SHOUGHT OFFICIAL SHOUND OFFICIAL SHOUGHT SHALL BE SHOUGHT OFFICIAL SHOUND SHALL BE SHOUTHED.

CERTREAL WHERE APPLICATION IS MUCE FOR CONSTRUCTION, THE OWNER OR THE REGISTEED DESIGN PROFESSIONAL IN RESOURCESSIONAL OWNERS ADDRESS OF WHICH SHELD IN SHELL DESIGN FOR CRITICAL DESIGN FOR THE PREFINANT INSPECTIONS DATED FOR THE THESE OF WHICH LISTED IN THE INSPECTION CHECKLET MODE.

SPECIAL INSPECTIONS (REFERENCE IBC CHAPTER 17)

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

MATERIAL SPECIFICATIONS REPORT

FABRICATOR NDE INSPECTION

\$ \$ \$

DURING CONSTRUCTION

ADDITIONAL TESTING AND INSPECTIONS:

REPORT ITEM

CONSTRUCTION / INSTALLATION INSPECTIONS AND TESTING REQUIRED (COMPLETED BY ENGINEER OF RECORD)

ENGINEER OF RECORD APPROVED SHOP DRAWINGS 1

N/A

SPECIAL INSPECTION CHECKLIST

BEFORE CONSTRUCTION

REPORT ITEM

CONSTRUCTION / INSTALLATION INSPECTIONS AND TESTING REQUIRED (COMPLETED BY ENGINEER OF RECORD)

NOTES:

- STEEL PIPE SHALL CONFORN TO ASTIN ASOO "COLD-FORNED WELDED & SEAMLESS CARBON STEEL STRUCTURED, TUBING", SAOUE B. OR ASTIN A33 PIPE STEEL BLACK AND HOT-CIPPED ZING-COATED WELDED AND SEAMLESS TIPPE E. OR S, GRADE B. PIPE SIZES INDICATED ARE NOMINIAL ACTUAL OUTSIDE DAWRETER IS LARGER.
- STRUCTURAL CONNECTION BOLTS SHALL BE HIGH STREWGTH BOLTS (BEARING TYPE) AND CONFIGNI TO ASTM A325 TYPE—X "HIGH STREWGTH BOLTS FOR STRUCTURAL, JOHN'S, INCLUDING SUITABLE NUTS AND PLAIN WANDERED WASHERS", ALL BOLTS SHALL BE 3/4" DIA UDN.
- all stee, materials shall be calvarted after parcator in accordance with Astia state (Hot-oip galvarzed) coatings on Iron and Steel Products; unless otherwise noted.
- ALL BOLTS, ANCHORS AND MISCELLANEOUS HARDWARE SHALL BE CALVANIZED IN ACCORDANCE WITH SATIA 5180—COLATIVE (HOT-OIP) ON IRON AND STEEL HARDWARE", UNLESS OTHERWISE NOTIED.
- ELE MELOS, PORT, HOLES, SAW LOTS AND ALL DAMACED CALAWAED SIGNAFESS SYAL, BE REPARED WITH AN ORGANIC ZHIN SERVAR PANT COMEN'NNG WITH RECURRENTS OF SATA AND COMEN CALAWAIZING REPAR PANT SHALL HAVE SE PERCENT ZHIN GY WIEIGHT, JIRP BY AND CALAWAIZING REPAR PANT SHALL HAVE BY CROWN OR ECLAUL. THINGRESS OF APPLED CALAWARDEN REPARE PANT SHALL BE NOT NOT LESS THAN 4 COATS (ALLOW THE TO BRY BETWEN COATS). WITH A RESULTING COATING THICKNESS REQUIRED BY ASTA ATSO OR ATSO AS APPLED.
- CONTRACTOR SYALL COMPLY WITH ANY CODE FOR PROCEDURES, APPEABANCE, ANY OULUITY OF MELDIOS USED IN CORRECTING WELDING. ALL WELDES AND WELDING PROCESSES SHALL BE QUALIFIED IN ACOORDANCE WITH ANY STANDARD QUALIFICATION PROCEDURES. ALL WELDING SHALL BE DONE USING FOOK ESTERFROEDS AND WELDING SHALL CONFIGNAT OF ASC, AND DILL WHERE FILET WELD SIZES ARE NOT SHOWN, PROVICE THE MINIMUM SIZE PER TABLE 3.24 IN THE ASC, "STELL CONSTRUCTION MANULL." 14TH EDITION.
  - INCORRECTLY FABRICATED, DAMAGED OR OTHERWISE MISTITING OR NON-CONFORMING MATERALS OR CONOIDINS SHALL BE REPORTED TO THE CONSTRUCTION MANAGER PRIOR TO REMEDIAL OR CORRECTIVE ACTION. ANY SUCH ACTION SHALL REQUIRE CONSTRUCTION MANAGER PREPARAL.

FOUNDATION INSPECTIONS
CONCRETE COMP. STRENGTH,
SLUMP TESTS AND PLACEMENT
POST INSTALLED ANCHOR
VERHICATION

××

EARTHWORK: UFT AND DENSITY

ON SITE COLD GALVANIZING VERIFICATION GUY WIRE TENSION REPORT

×

×

\$ \$ \$

AFTER CONSTRUCTION

ADDITIONAL TESTING AND INSPECTIONS

REPORT ITEM

CONSTRUCTION/INSTALLATION
INSPECTIONS AND TESTING
REQUIRED (COMPLETED BY
ENGINEER OF RECORD)

REQUIRED

X

GROUT VERIFICATION CERTIFIED WELD INSPECTION

HIGH WIND ZONE INSPECTIONS

HIGH STRENGTH BOLT INSPECTIONS

Ş \$ \$ \$

- UNISTRUT SHALL BE FORMED STEEL CHANNEL STRUT FRANING AS MANUFACTURED BY UNISTRUT CORP., MANNEL, BIN OF COULA. STRUT MEMBERS SHALL BE 1 5/8\*1 3
- EPOXY ANCHOR ASSEMBLY SHALL CONSIST OF STANLESS STEEL ANCHOR ROD WITH NUTS & WASHERS. AN INTERNALLY THEOLOGI INSENT, A SYREEN TUBE AND A EPOXY ACHESIVE. THE ANCHORING SYSTEM SHALL BE THE HITT-HIT HY-ZTO AND OR HY-ZOO SYSTEMS (AS SPECIFIED IN DWG.) OR ENGINEERS APPROVED EQUAL.
- EXPANSION BOLTS SYALL CONFORM TO FEDERAL SPECIACATION FF-S-725, GROUP II, TIPE ACCORDING WITH THE MANUFACTURES RECOMMENDATIONS.
- LUMBER SHALL COMPLY WITH THE REQUIREMENTS OF THE AMERICAN INSTITUTE OF TIMBER CONSTRICTION AND THE NATIONAL FOREST PRODUCTS ASSOCIATION'S NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION, ALL UMBER SHALL BE PRESSURE TREATED AND SHALL BE ESTRUCTIVAL GRADE NO. 2 OR BETTER.

MODFICATION INSPECTOR REDLINE
OR RECORD DRAWMGS 6
POST INSTALLED ANCHOR
PULL-OUT TESTING

ADDITIONAL TESTING AND INSPECTIONS:

- WHERE ROOF PENETRATIONS ARE REQUIRED, THE COMPACTOR SYALL CONTACT AND COORDINATE RELEADE WORK WITH THE BUILDING OWNER AND THE EXISTING ROOF INSTALLER, WORK SHALL RE PERFORMED IN SUCH A MANNER AS TO NOT VOID THE EXISTING ROOF WARRANT, ROOF SHALL BE WAITERTORY.
- ALL FRERGLASS MEMBERS USED ARE AS MANUFACTURED BY STRONGWELL COMPANY OF BRISING, VIA 24203, ALL DESIGN CRITERN FOR THESE MEMBERS IS BASED ON INFORMATION PROVIDED IN THE DESIGN MANUAL, ALL REQUIREMENTS PUBLISHED IN SAID MANUAL, MUST BE STRICTLY, ANGHERD TO.
- NO MATERIALS TO BE ORDERED AND NO WORK TO BE COMPLETED UNTIL SHOP DRAWINGS HAVE BEEN REVIEWED AND APPROVED IN WRITING.
  - SUBCONTRACTOR SHALL FIREPROOF ALL STEEL TO PRE-EXISTING CONDITIONS.

## CENTERLINE

WEST CENTER STREET., SUITE #301
WEST BRIDGEWATER, MA 02379

126 RIVER ROAD NEWINGTON, NH 03801 ROCKINGHAM COUNTY

at&t 550 COCHITUATE ROAD FRAMINGHAM, MA 01701

		2	-
ı		WSIO	Ë
	REMEW	FEE	DESIGNED
ı	D FOR RE		Ť
	SSUED		NIIO
	1/0/18	DATE	AS SHOWN
	<	90.	SCALE

	ET AT DAC	BY CHK APP'D	DRAWN BT: ET
	FOR REMEW	REVISIONS	DESIGNED BY: AT
	1/07/18 ISSUED FOR REVIEW	DATE	NICHS SY
Н	+	ć	CALE

# AT&T

STRUCTURAL NOTES (LTE 4C/SC/RETRO) DRAWING NUMBER SN-1

HUDSON Design Group LLC TEL: (976) 557-5553 FAX: (978) 336-5586 45 BEECHWOOD DRIVE NORTH ANDOVER, MA 01845

750

SITE NUMBER: NH2064 SITE NAME: SPRAGUE ENERGY

SITE NUMBER NH2064

