

# **HDC**

## **ADMINISTRATIVE APPROVALS**

<b>July 14, 2021</b>
----------------------

- |    |                                |       |
|----|--------------------------------|-------|
| 1. | 21 Humphrey's Court (LUHD-357) | - TBD |
| 2. | 1 Harbour Place (pending)      | - TBD |

## 1. 21 Humphrey's Court - TBD

**Background:** The applicant is seeking approval for the replacement of the front and side porch/decks. Note that the applicant is likely to modify the decking and porch design so updated images and details will be circulated prior to next week's meeting.

**Staff Comment:** TBD

### **Stipulations:**

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_



07/09/2021

**LUHD-357**

Historic District Commission Work Session or Administrative Approval Application

**Status:** Active**Date Created:** Jun 24, 2021**Applicant**

Peter Coren  
petercoren@yahoo.com  
430 Lafayette Road  
Portsmouth, NH 03801  
603-512-4109

**Location**

21 HUMPHREYS CT  
Portsmouth, NH 03801

**Owner:**

BRADSHAW ELEANOR C  
21 HUMPHREYS CT 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 both existing front entry decks using different materials but using the same dimensions as existing. I propose the use of pressure treated framing and composite decking and railings to replace the fir and pine existing materials.

**Description of Proposed Work (Planning Staff)**

--

**Project Representatives**

<b>Relationship to Project</b> Other	
<b>If you selected "Other", please state relationship to project.</b> builder	
<b>Full Name (First and Last)</b> Peter Coren	<b>Business Name (if applicable)</b> Peter Coren , Builder
<b>Mailing Address (Street)</b> 430 Lafayette Road	<b>City/Town</b> Portsmouth
<b>State</b> NH	<b>Zip Code</b> 03801
<b>Phone</b> 603 512 4109	<b>Email Address</b> petercoren@yahoo.com

**Acknowledgement****I certify that the information given is true and correct to the best of my knowledge.****By checking this box, I agree that this is equivalent to a handwritten signature and is binding for all purposes related to this transaction****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.**

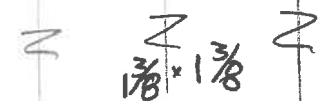
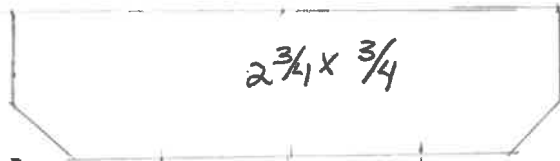
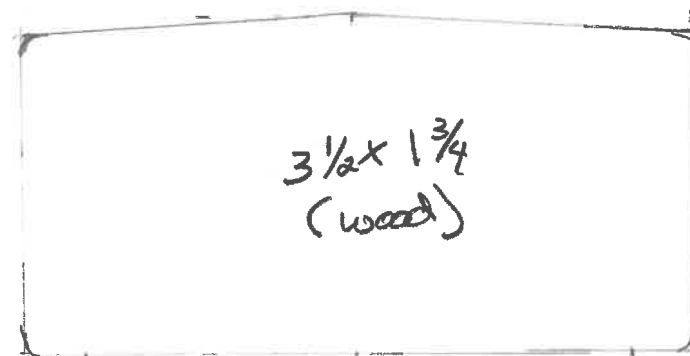




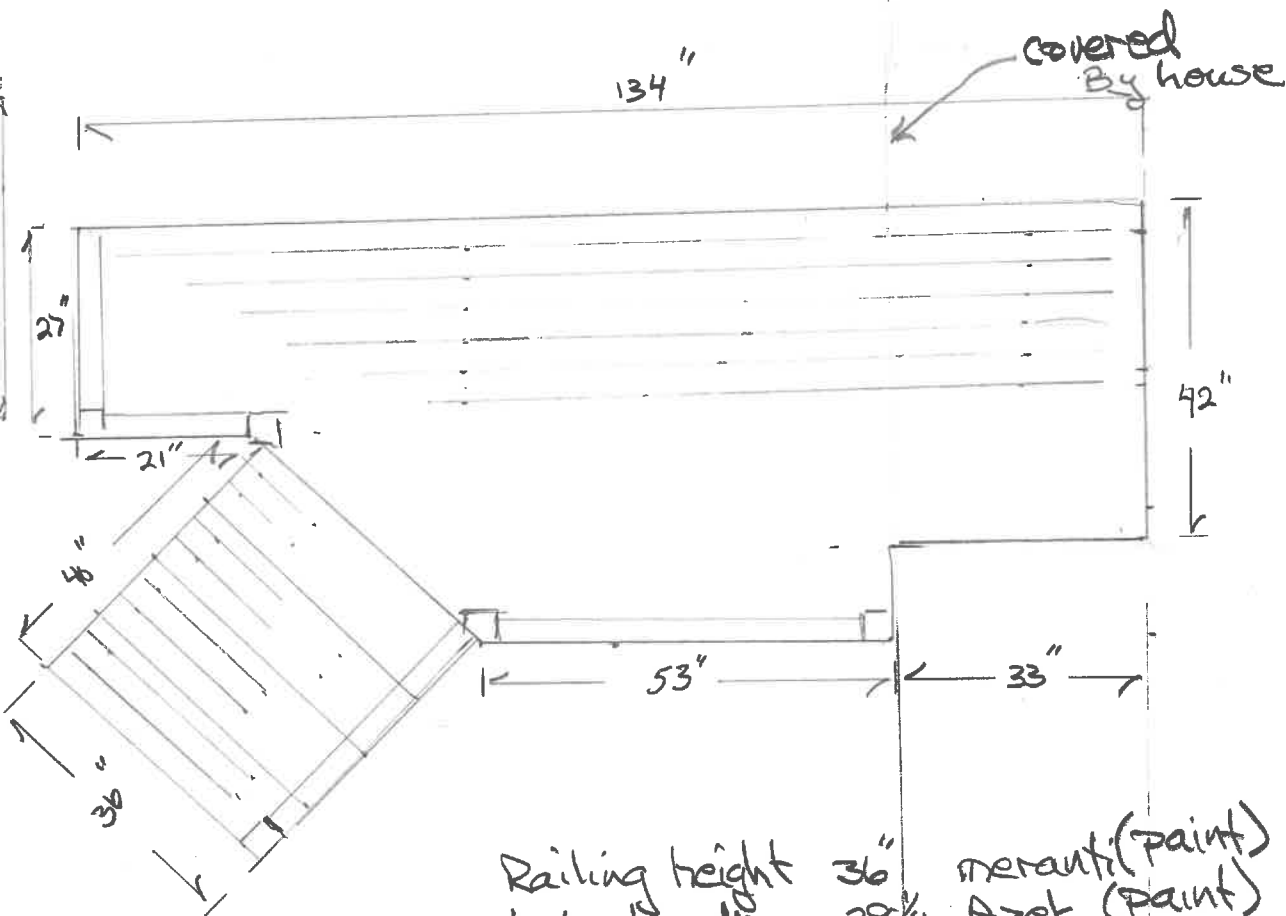
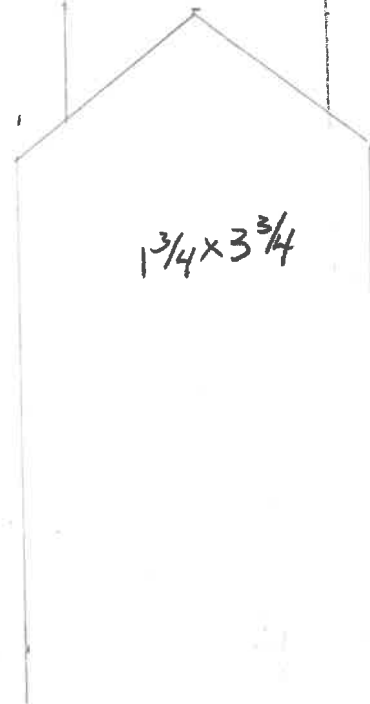
Scale: 1" = 1'

21 Humphrys Court  
Portsmouth, NH

Scale: 1/2" = 1'



Azek



Railing height 36" meranti (paint)  
balustrade 28 1/4 Azek (paint)  
trim (risers + skirt) 1x8 Azek  
posts 3 1/2 x 3 1/2 PT (paint)  
Framing 2x6 PT 16" OC  
Decking 1x4 Ipe  
x Front porch would have  
the same materials.

## 2. 1 Harbour Place

- TBD

**Background:** The applicant is seeking approval for mechanical equipment upgrades (modifications to existing antenna). Note that a representative from the applicant will be present to more fully describe the proposed changes.

**Staff Comment:** TBD

### **Stipulations:**

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_





**Federal Communications Commission  
Washington, DC 20554**

**Informational Notice of Section 106 Filings**

Date: 06/16/2021  
Reference Number: 1147603

Nick Cracknell, Principal Planner  
City of Portsmouth Historic District Commission  
1 Junkins Ave, 3rd Floor  
Portsmouth, NH 03801



The following new Section 106 filing has been submitted:

FILE NUMBER: 0009581986  
TCNS Number: 231608  
Purpose: Collocation Submission Packet  
Has the Communications Tower or Non-Tower Structure been the subject of SHPO/THPO review? No  
Notification Date: 7AM EST 06/11/2021

Applicant: T-Mobile USA  
Consultant: EnviroBusiness, Inc. d/b/a EBI Consulting (EBI 6121003322)  
Positive Train Control Filing Subject to Expedited Treatment Under Program Comment: No  
Site Name: Harbour Place (Sprint Keep) / 4NBS027A  
Site Address: 1 Harbour Place  
Detailed Description of Project: Antenna modification/upgrade on an existing building with no ground disturbance. Please see Attachment 4 of this filing for project design details. (6121003322)(4NBS027A)  
Site Coordinates: 43-04-42.0 N, 070-45-13.0 W  
City: Portsmouth  
County: ROCKINGHAM  
State: NH  
Lead SHPO/THPO: NH Division of Historical Resources

Consultant Contact Information:  
Name: Michelle Houston  
Title: Senior Architectural Historian  
PO Box:  
Address: 6876 Susquehanna Trail South  
City: York  
State: PA  
Zip: 17403  
Phone: (504) 458-4444  
Fax:  
Email: mhouston@ebiconsulting.com

**NOTICE OF FRAUDULENT USE OF SYSTEM, ABUSE OF PASSWORD AND RELATED MISUSE**

Use of the Section 106 system is intended to facilitate consultation under Section 106 of the National Historic Preservation Act and may contain information that is confidential, privileged or otherwise protected from disclosure under applicable laws. Any person having access to Section 106 information shall use it only for its intended purpose. Appropriate action will be taken with respect to any misuse of the system.



May 21, 2021

City of Portsmouth Historic District Commission  
Nick Cracknell, Principal Planner  
1 Junkins Ave, 3rd Floor  
Portsmouth, NH 03801  
(603) 610-7328  
[njcracknell@cityofportsmouth.com](mailto:njcracknell@cityofportsmouth.com)



Subject: Invitation to Comment  
4NBS027A / Harbour Place (Sprint Keep)  
1 Harbour Place, Portsmouth, Rockingham County, NH 03881  
EBI Project #6121003322

Dear Nick Cracknell:

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 T-Mobile USA, 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 additional 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.

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.

Please note that this project will be entered into the Federal Communication Commission's e106 System, which will send notifications of the project throughout the Section 106 process.

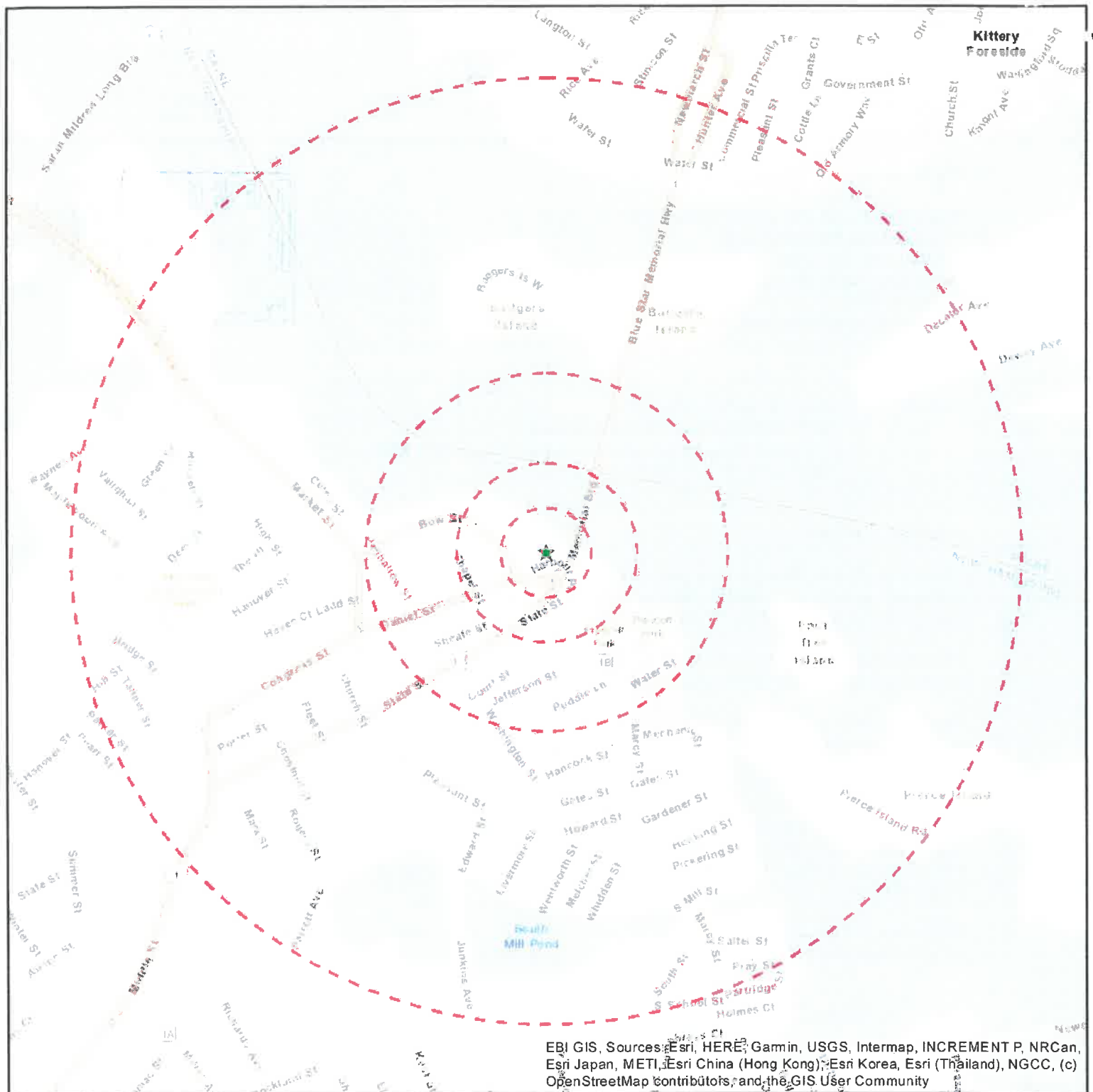
Respectfully Submitted,



William Ross  
Architectural Historian  
(914) 434-2173  
[wross@ebiconsulting.com](mailto:wross@ebiconsulting.com)

Attachments - Drawings and Maps





### Legend

- ★ Project Site
- Site Radius at 250', 500', 1000' and 1/2 mile

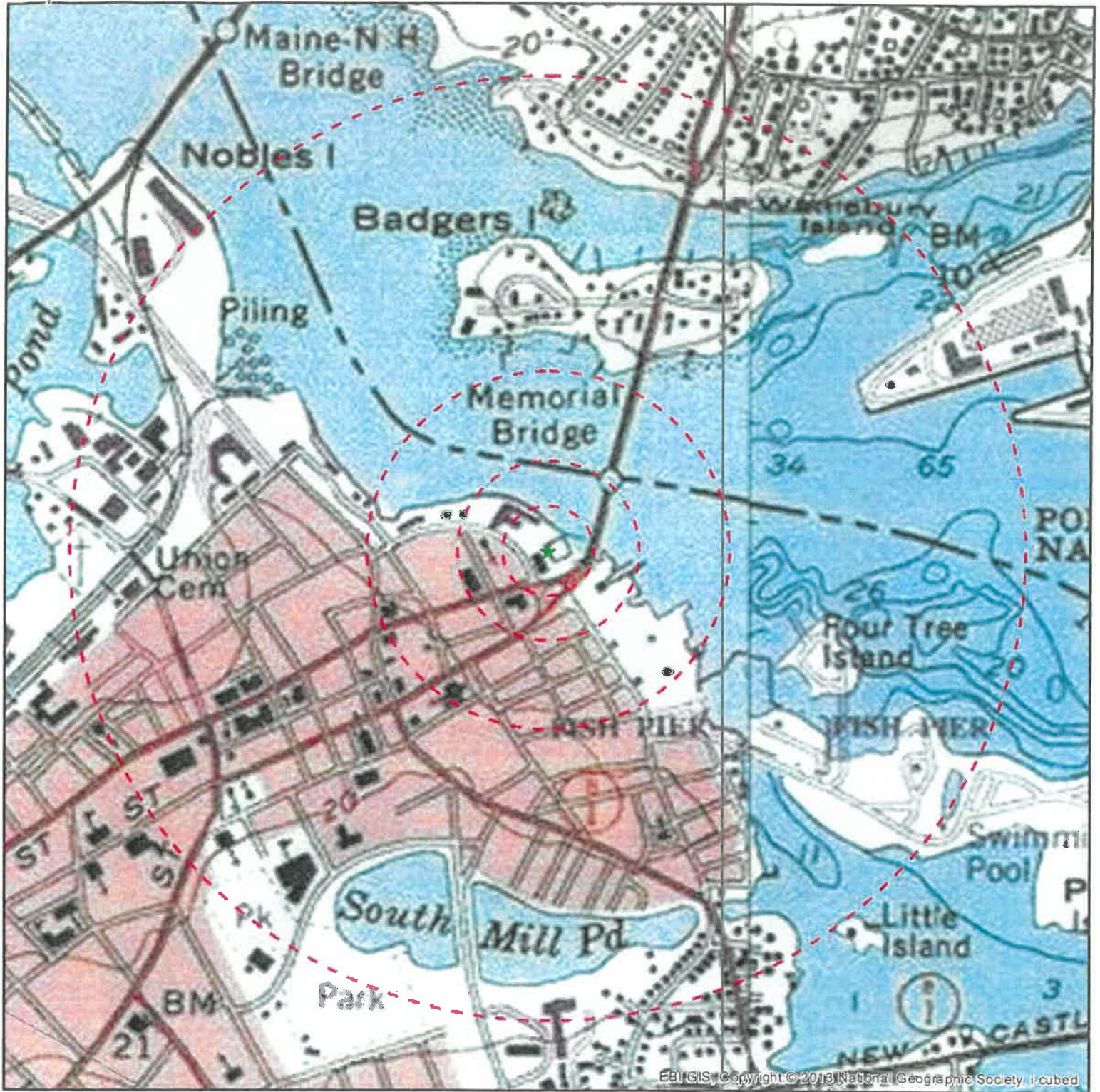
Date: 5/11/2021

Figure 1: Site Location Map

**4NBS027A HARBOUR PLACE (SPRINT KEEP)**  
**1 HARBOUR PLACE**  
**PORTSMOUTH, NH 03881**

PN: 6121003322





### Legend

- ★ Project Site
- Site Radius at 250', 500', 1000' and 1/2 mile

USGS 24K Quad: Portsmouth, NH 1986, Kittery, ME 1986

Date: 5/11/2021

**Figure 2 - Topographic Map**

**4NBS027A HARBOUR PLACE (SPRINT KEEP)**  
**1 HARBOUR PLACE**  
**PORTSMOUTH, NH 03881**

PN: 6121003322





**T-MOBILE NORTHEAST LLC**

4NBS027\_NM03XC027

# HARBOUR PLACE

1 HARBOUR PIACE  
PORTSMOUTH, NH 03881

(67D5A997DB 6160 (GSM ONLY) CONFIGURATION)

## GENERAL NOTES

1. THE CONTRACTOR SHALL GIVE ALL NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY, MUNICIPAL AND UTILITY COMPANIES, STATE AGENCIES AND AGENCIES OF ALL JURISDICTIONAL CODES BEARING ON THE PERFORMANCE OF THE WORK PERFORMED ON THE PROJECT AND THE MATERIALS INSTALLED SHALL BE IN STRICT ACCORDANCE WITH THE ADOPTED CODES, ORDINANCES, RULES AND REGULATIONS.
2. THE ARCHITECT/ENGINEER HAVE MADE EVERY EFFORT TO SET FORTH IN THE CONSTRUCTION AND CONTRACT DOCUMENTS THE COMPLETE SCOPE OF WORK. THE CONTRACTOR BIDDING THE JOB IS NEVERTHELESS CAUTIONED THAT MINOR OMISSIONS OR ERRORS IN THE DRAWINGS, SPECIFICATIONS OR SCHEDULES DO NOT EXCUSE SAID CONTRACTOR FROM COMPLETING THE PROJECT AND IMPROVEMENTS IN ACCORDANCE WITH THE INTENT OF THESE DOCUMENTS.
3. THE CONTRACTOR OR BIDDER SHALL BEAR THE RESPONSIBILITY OF ANY WRITING (I-MOBILE) REPRESENTATIVE OF ANY COMPLEXITY, ERRORS, OR OMISSIONS PRIOR TO THE SUBMISSION OF THE CONTRACTOR'S PROPOSAL OR PERFORMANCE OF THE WORK. IN THE EVENT OF DISCREPANCIES, THE CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTING OR EXPENSIVE WORK, UNLESS DIRECTED IN WRITING OTHERWISE.
4. THE SCOPE OF WORK SHALL INCLUDE FURNISHING OF ALL MATERIALS, EQUIPMENT, LABOR AND ALL OTHER MATERIALS AND LABOR DEEMED NECESSARY TO COMPLETE THE WORK/PROJECT AS DESCRIBED HEREIN.
5. THE CONTRACTOR SHALL VISIT THE JOB SITE PRIOR TO THE SUBMISSION OF BID OR PERFORMANCE TO FAMILIARIZE HIMSELF WITH THE FIELD CONDITIONS AND TO VERIFY THAT THE PROJECT CAN BE CONSTRUCTED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
6. THE CONTRACTOR SHALL OBTAIN AUTHORIZATION TO PROCEED WITH CONSTRUCTION PRIOR TO STARTING WORK ON ANY ITEM NOT CLEARLY DEFINED BY THE CONSTRUCTION DRAWINGS/CONTRACT DOCUMENTS.
7. THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS ACCORDING TO THE MANUFACTURER'S/VENDOR'S SPECIFICATIONS UNLESS NOT OTHERWISE SPECIFIED WHERE LOCAL CODES OR ORDINANCES TAKE PRECEDENCE.
8. THE CONTRACTOR SHALL PROVIDE A FULL SET OF CONSTRUCTION DOCUMENTS AT THE SITE UPDATED WITH THE LATEST REVISIONS AND ADDENDUM OR CLARIFICATIONS REQUIRED FOR THE USE BY ALL PERSONNEL INVOLVED WITH THE PROJECT.
9. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE PROJECT DESCRIBED HEREIN. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND SCHEDULES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER CONTRACT.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY PERMITS AND INSPECTIONS WHICH ARE REQUIRED FOR THE WORK BY THE ARCHITECT/ENGINEER, THE STATE, COUNTY OR LOCAL GOVERNMENT AUTHORITY.
11. THE CONTRACTOR SHALL MAKE NECESSARY PROVISIONS TO PROTECT EXISTING UTILITIES, EGRESSWAYS, PAVING, CURBS, ETC., DURING CONSTRUCTION. UPON COMPLETION OF WORK, THE CONTRACTOR SHALL REPAIR ANY DAMAGE THAT MAY HAVE OCCURRED DUE TO CONSTRUCTION ON OR ABOUT THE PROPERTY.
12. THE CONTRACTOR SHALL KEEP THE GENERAL WORK AREA CLEAN AND HAZARD FREE DURING CONSTRUCTION AND DISPOSE OF ALL DIRT, DEBRIS, RUBBISH AND REMOVE EQUIPMENT NOT SPECIFIED AS REMAINING ON PROPERTY. PREMISES SHALL BE LEFT IN A CLEAN CONDITION FREE FROM PAINT SPOTS, DUST, OR SAUAGES OF ANY NATURE.
13. THE CONTRACTOR SHALL COMPLY WITH ALL OSHA REQUIREMENTS, AS WELL AS THE LATEST EDITIONS OF ANY PERTINENT STATE SAFETY REGULATIONS.
14. THE CONTRACTOR SHALL NOTIFY THE I-MOBILE REPRESENTATIVE OF ANY CONFLICTS BETWEEN THE CONTRACT DOCUMENTS. THE CONTRACTOR IS NOT TO ORDER MATERIAL OR CONSTRUCT ANY PORTION OF THE WORK THAT IS IN CONFLICT WITH ANY CONFLICT IS RESOLVED BY THE I-MOBILE REPRESENTATIVE.
15. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS, PROPERTY LINES, ETC., ON THE JOB.
16. THE CONTRACTOR SHALL RETURN ALL DISTURBED AREAS TO THEIR ORIGINAL CONDITION AT THE COMPLETION OF WORK.

## PROJECT SUMMARY

SITE NUMBER:	4HSD027_1M03XC027	APPLICANT:	T-MOBILE NORTHEAST LLC
SITE NAME:	HARBOUR PLACE	PROJECT:	3500 SUNRISE HIGHWAY
SITE ADDRESS:	1 HARBOUR PLACE PORTSMOUTH, NH 03881	CONTACT:	KETH JOHNSEN (603) 231-2384
PROPERTY OWNER:	HARBOUR PLACE GROUP LLC. 1 NEW HAMPSHIRE AVE PORTSMOUTH, NH 03801	PROJECT MANAGER:	NORTHEAST SITE SOLUTIONS 420 MAIN STREET, BOX 2 STURBRIDGE, MA 01566, US
LAT./LONG.:	43.07833000° N ~ -70.75362000° W	CONTACT:	MATT BAHLE (508) 642-8801
CONSTRUCTION TYPE:	IB	ARCHITECT/ENGINEER:	INFINITY ENGINEERING, PLLC 1033 WATERLUTY SHAWKER ROAD ALBANY, NY 12205
USE GROUP:	U	CONTACT:	JASON MARCLOT (918) 690-0790

## PROJECT DESCRIPTION

- |   |  |   |
|---|--|---|
| <input type="checkbox"/> EXISTING MONOPOLE            | <input checked="" type="checkbox"/> PROPOSED 8180        | <input type="checkbox"/> OUTDOOR        |
| <input type="checkbox"/> EXISTING LATTICE TOWER       | <input checked="" type="checkbox"/> PROPOSED POWER 62350 | <input type="checkbox"/> INDOOR         |
| <input type="checkbox"/> EXISTING TRANSMISSION TOWER  | <input checked="" type="checkbox"/> PROPOSED PURCELL     | <input type="checkbox"/> EXISTING       |
| <input type="checkbox"/> EXISTING WATER TANK          | <input type="checkbox"/> EXISTING SPRINK 875             | <input type="checkbox"/> CONCRETE PAD   |
| <input checked="" type="checkbox"/> EXISTING BUILDING | <input type="checkbox"/> EXISTING 19" RACK               | <input type="checkbox"/> EXISTING       |
| <input type="checkbox"/> EXISTING FLAGPOLE            | <input type="checkbox"/> SITE SUPPORT CABINET            | <input type="checkbox"/> STEEL PLATFORM |
| <input type="checkbox"/> EXISTING SMOKESTACK          | <input type="checkbox"/> G/PS                            | <input type="checkbox"/> EXISTING PPC   |
|   |  | <input type="checkbox"/> PANELBOARD     |

## SCOPE OF WORK

7-MOBILE NORTHEAST LLC PROPOSES THE MODIFICATION OF AN UNMANNED WIRELESS BROADBAND FACILITY.

- | REMOVE                   | INSTALL                      |
|--------------------------|------------------------------|
| • (6) PANEL ANTENNAS     | • (9) PANEL ANTENNAS         |
| • (3) RRUS               | • (6) RRUS                   |
| • (6) HYBRID CABLES      | • (3) HYBRID CABLES          |
| • (2) EQUIPMENT CABINETS | • (1) 8160 EQUIPMENT CABINET |
|                          | • (1) 8160 EQUIPMENT CABINET |
|                          | • (5) PIPE MAST              |
|                          | • (1) PURCELL CABINET        |

## SHEET INDEX

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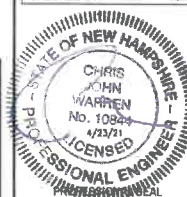
## DO NOT SCALE DRAWINGS

CONTRACTOR SHALL VERIFY PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE ARCHITECT IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.

[illegible]

TYPE	CASE	APP'D	REMARKS
RTT			
RF MARK			
FORMING			
CPS			
CORRECT.			
WTE AC.			

PROJECT NO:	1197-C0001-C
DRAWN BY:	PEG
CHECKED BY:	JLM



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SITE NUMBER:  
4NBS027\_NM03XC027

SITE NAME:  
HARBOUR PLACE

1 HARBOUR PLACE  
PORTSMOUTH, NH 03831

SHEET TITLE

## TITLE SHEET

SHEET NUMBER

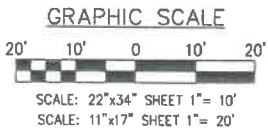
T-1



NOTE:  
PLAN IS PREPARED BASED ON AERIAL PHOTOGRAPHY,  
SITE WALK PERFORMED BY INFINIGY ENGINEERING AND  
PROVIDED INFORMATION FROM THE CLIENT. IT IS NOT  
BASED ON AN ACTUAL BOUNDARY SURVEY



1 SITE PLAN  
SCALE: AS NOTED



GENERAL SITE NOTES:

1. A COMPLETE BOUNDARY SURVEY OF THE MOST PARCEL HAS NOT BEEN PERFORMED BY INFINIGY. BOUNDARY INFORMATION IF SHOWN WAS OBTAINED FROM INFORMATION PROVIDED BY OTHERS. PROPERTY IS SUBJECT TO ALL EASEMENTS AND RESTRICTIONS OF RECORD.
2. BASEMAPPING INFORMATION BASED ON PROVIDED INFORMATION.
3. CONTRACTOR TO FIELD VERIFY DIMENSIONS AS NECESSARY BEFORE CONSTRUCTION.
4. THE PROPOSED DEVELOPMENT DOES NOT INCLUDE SIGNS OF ADVERTISING.
5. THE PROPOSED DEVELOPMENT IS UNMANNED AND THEREFORE DOES NOT REQUIRE A MEANS OF WATER SUPPLY OR SEWAGE DISPOSAL.
6. NO LANDSCAPING WORK IS PROPOSED IN CONJUNCTION WITH THIS DEVELOPMENT OTHER THAN THAT WHICH IS SHOWN.
7. THE PROPOSED DEVELOPMENT DOES NOT INCLUDE OUTDOOR STORAGE OR ANY SOLID WASTE RECEPTACLES.
8. UTILITIES SHOWN ON PLAN ARE TAKEN FROM OWNERS RECORDS AND FIELD LOCATION OF VISIBLE SURFACE FEATURES. THE EXISTENCE, EXTENT AND EXACT HORIZONTAL AND VERTICAL LOCATIONS OF UTILITIES HAS NOT BEEN VERIFIED. ANY CONTRACTOR PERFORMING WORK ON THIS SITE MUST CONTACT MASS UTILITY AT LEAST 48 HOURS PRIOR TO COMMENCING WORK.
9. ALL OBSOLETE OR UNUSED FACILITIES SHALL BE REMOVED WITHIN 12 MONTHS OF CESSATION OF OPERATIONS.

SITE LEGEND

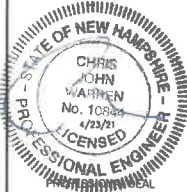
- SITE PROPERTY LINE
- STREET OR ROAD
- CHAIN LINK FENCE
- OPAQUE WOODEN FENCE
- TREES/SHRUBS
- TREE LINE
- UTILITY POLE
- (E) EXISTING
- (N) NEW
- (P) PROPOSED
- (F) FUTURE



SUBMITTALS		
DATE	DESCRIPTION	REVISION
04/23/21	ISSUED FOR PERMIT	1

REPL.	DATE	APPROV.	REVISIONS
BY	DATE	BY	DATE

PROJECT NO: 1187-00001-C  
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CHECKED BY: JLM



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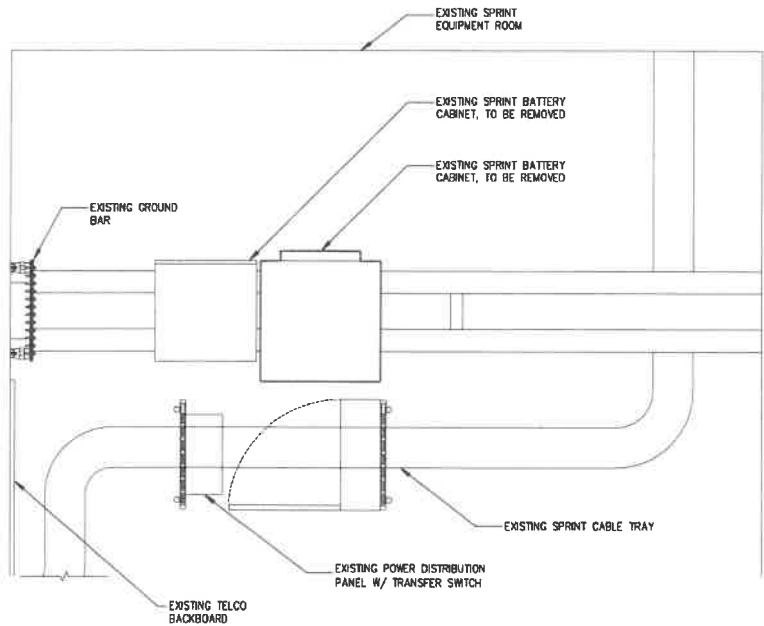
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4NBS027\_NM03XC027  
SITE NAME:  
HARBOR PLACE  
1 HARBOR PLACE  
PORTSMOUTH, NH 03801

SHEET TITLE

SITE PLAN

SHEET NUMBER

C-1



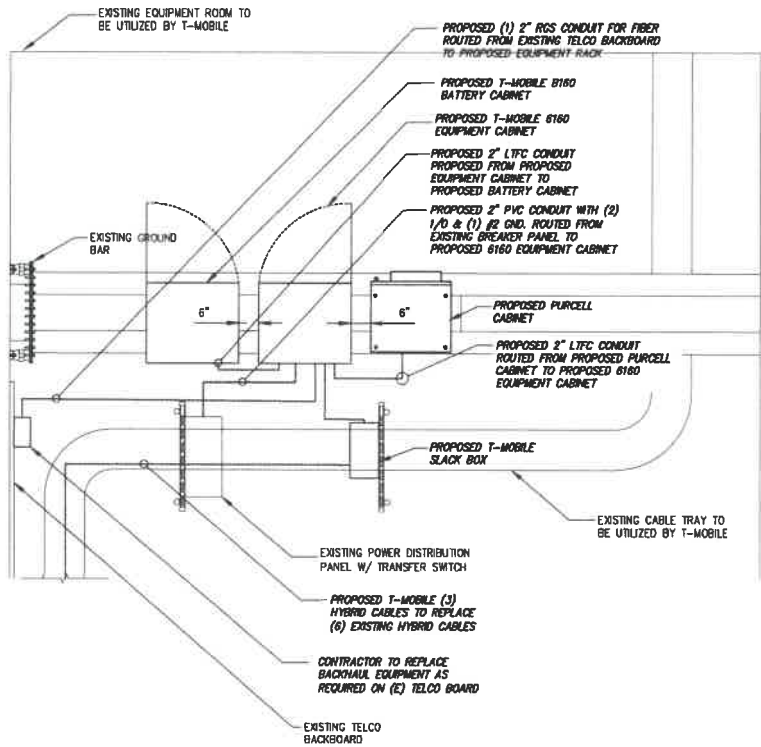
1 EXISTING EQUIPMENT PLAN  
SCALE: AS NOTED

GRAPHIC SCALE



SCALE: 22"x34" SHEET 1"= 1'-6"  
SCALE: 11"x17" SHEET 1"= 3'-0"

NOTE:  
PLAN IS PREPARED BASED ON AERIAL PHOTOGRAPHY,  
SITE WALK PERFORMED BY INFINIGY ENGINEERING AND  
PROVIDED INFORMATION FROM THE CLIENT. IT IS NOT  
BASED ON AN ACTUAL BOUNDARY SURVEY



2 PROPOSED EQUIPMENT PLAN  
SCALE: AS NOTED

GRAPHIC SCALE



SCALE: 22"x34" SHEET 1"= 1'-6"  
SCALE: 11"x17" SHEET 1"= 3'-0"



SUBMITTALS		
DATE	DESCRIPTION	REVISION
04/16/21	ISSUED FOR PERMIT	1

DEPT.	DATE	APPROV.	REVISIONS
REC.			
BY DES.			
ISSUED			
OPS			
CONSTR.			
REC. AC.			

PROJECT NO: 1187-C0061-C  
DRAWN BY: PEG  
CHECKED BY: JLM



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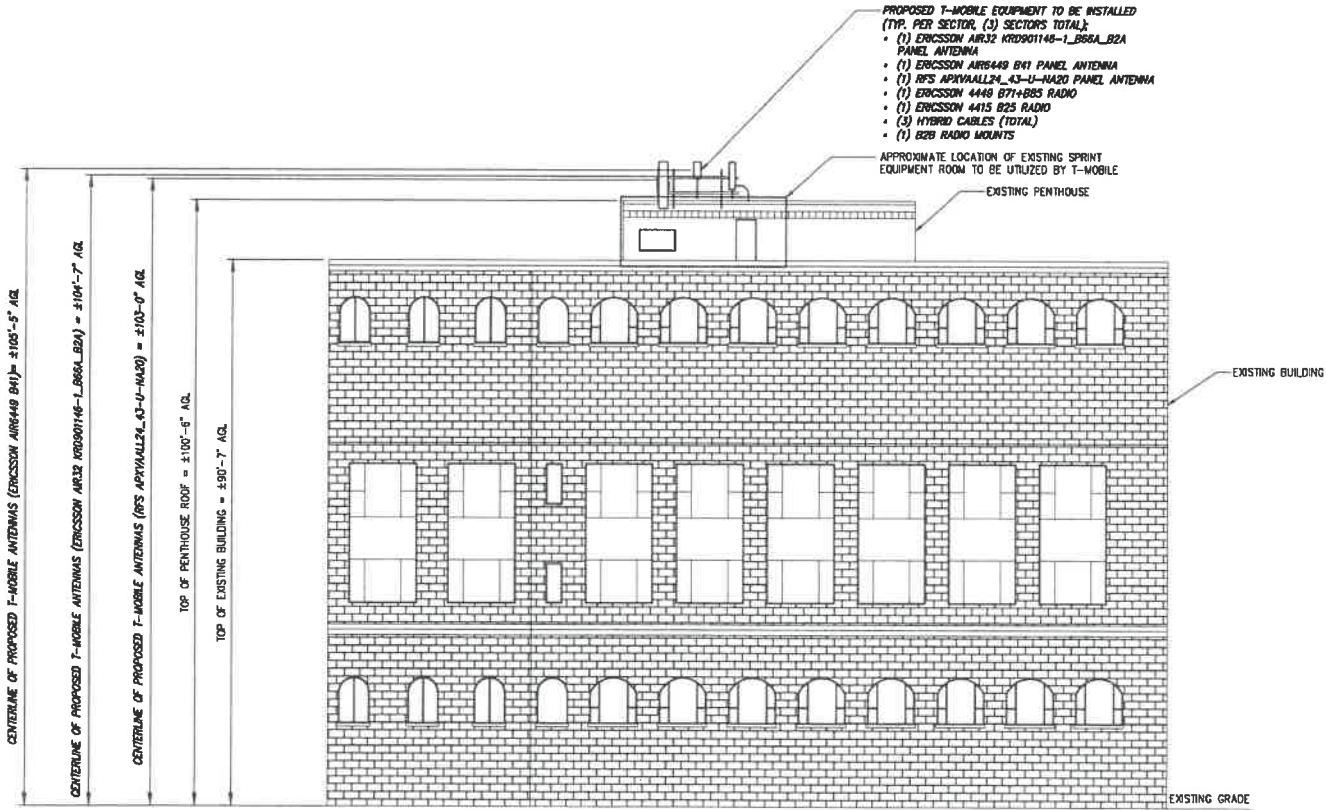
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OF THE NOTED SCALE.

SITE NUMBER:  
4NBS027\_NM03XC027  
SITE NAME:  
HARBOR PLACE  
1 HARBOR PLACE  
PORTSMOUTH, NH 03881

SHEET TITLE  
**EQUIPMENT PLAN**

SHEET NUMBER  
**C-2**





CENTERLINE OF PROPOSED T-MOBILE ANTENNAS (ERICSSON AIR6448 B41) = ±105'-3" ALG.

CENTERLINE OF PROPOSED T-MOBILE ANTENNAS (ERICSSON AIR32 KTD901146-L\_B66A\_B2A) = ±104'-7" ALG.

CENTERLINE OF PROPOSED T-MOBILE ANTENNAS (RFS APXVALL24\_43-U-HA20) = ±103'-0" ALG.

TOP OF PENTHOUSE ROOF = ±100'-0" ALG.

TOP OF EXISTING BUILDING = ±90'-7" ALG.

- PROPOSED T-MOBILE EQUIPMENT TO BE INSTALLED  
(TYP. PER SECTOR (3) SECTORS TOTAL):
- (1) ERICSSON AIR32 KTD901146-L\_B66A\_B2A PANEL ANTENNA
  - (1) ERICSSON AIR6448 B41 PANEL ANTENNA
  - (1) RFS APXVALL24\_43-U-HA20 PANEL ANTENNA
  - (1) ERICSSON 4448 B71+B85 RADIO
  - (1) ERICSSON 4415 B25 RADIO
  - (3) HYBRID CABLES (TOTAL)
  - (1) B2B RADIO MOUNTS

APPROXIMATE LOCATION OF EXISTING SPRINT EQUIPMENT ROOM TO BE UTILIZED BY T-MOBILE

EXISTING PENTHOUSE

EXISTING BUILDING

EXISTING GRADE

1 ELEVATION VIEW  
SCALE: AS NOTED

NOTE:  
CONTRACTOR SHALL REFER TO STRUCTURAL OPINION LETTER PERFORMED BY TMYLON, DATED: 03/25/21 AND ANTENNA MOUNT ANALYSIS REPORT PERFORMED BY TMYLON, DATED 03/25/21 FOR ADDITIONAL DETAILS.

T-Mobile  
T-MOBILE WIRELESS  
5000 ROUTE 1  
GREAT BRIDGE, NY 11742

NSS  
NORTHEAST  
SITE SOLUTIONS

INFINIGY  
FROM ZERO TO INFINITY  
The software and services  
INFINIGY ENGINEERING, PLLC  
1825 Waterfront Street, Suite 201, Albany, NY 12204  
Phone: 518-438-8800 | Fax: 518-438-8801  
www.infinigy.com

SUBMITTALS		
DATE	DESCRIPTION	REVISION
04/14/21	ISSUED FOR PERMIT	0

REPT.	DATE	APPROVED	REVISIONS
INT.			
BY OWNER			
DESIGN			
OPS			
CONTRACT			
USE AS			

PROJECT NO: 1187-C001-C  
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SITE NUMBER:  
4NBS027\_NM03XC027

SITE NAME:  
HARBOUR PLACE  
1 HARBOUR PLACE  
PORTSMOUTH, NH 03801

SHEET TITLE  
ELEVATION VIEW

SHEET NUMBER  
C-3

NOTE:  
PLAN IS PREPARED BASED ON AERIAL PHOTOGRAPHY, SITE WALK PERFORMED BY INFINIGY ENGINEERING AND PROVIDED INFORMATION FROM THE CLIENT. IT IS NOT BASED ON AN ACTUAL BOUNDARY SURVEY.



Diagram illustrating the antenna orientation (existing) for three sectors:

- Gamma Sector**:  $\Delta Z = 220^\circ$
- Alpha Sector**:  $\Delta Z = 20^\circ$
- Beta Sector**:  $\Delta Z = 100^\circ$

North arrow indicates the orientation. The diagram is labeled "NOT TO SCALE".

ALL REFER TO STRUCTURAL OPINION  
D BY TRYLON, DATED: 03/25/21 AND  
ANALYSIS REPORT PERFORMED BY  
03/25/21 FOR ADDITIONAL DETAILS.

PROPOSED T-MOBILE  
ANTENNA PIPE MOUNT (TYP.  
OF BETA & GAMMA SECTORS)

PROPOSED 1" STAND OFF ARM  
(SITEPROI P/N: UPCI OR APPROX  
EQUAL) TO BE INSTALLED IN BETA  
SECTOR ONLY TO PREVENT ANTENNA  
SHADOWING (FINAL INSTALLATION TO  
COMPLY STRUCTURAL ANALYSIS.)

PROPOSED T-MOBILE EQUIPMENT TO BE INSTALLED  
(TYP. PER SECTOR, (3) SECTORS TOTAL):

- (1) ERICSSON AIR32 KR0901146-1\_B08A\_B2A PANEL ANTENNA
- (1) ERICSSON AIR8449 B41 PANEL ANTENNA
- (1) RFS AP01VALL24\_A3-U-MA20 PANEL ANTENNA
- (1) ERICSSON 4415 B05 RADIO
- (1) ERICSSON 4449 B71+585 RADIO
- (3) HYBRID CABLE (TOTAL)
- (1) B2B RADIO MOUNTS

GAMMA SECTOR  
AZ = 250°

BETA SECTOR  
AZ = 110°

CONTRACTOR TO ADJUST  
ARM TO AVOID PANNING  
(BETA SECTOR ONLY)

2  
--  
NOT TO SCALE

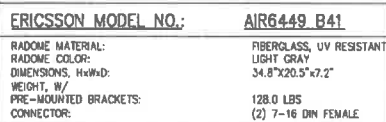
ANTENNA ORIENTATION (PROPOSED)

CALL OUT NORTH

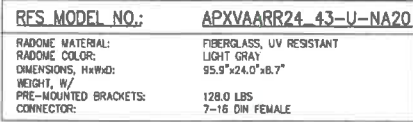
\*CABLE LENGTH DERIVED FROM VERTICAL RUN + HORIZONTAL RUN + 20% BUFFER.  
CONTRACTOR TO VERIFY PRIOR TO ORDERING.

 RF SCHEDULE (PROPOSED)  
-- NOT TO SCALE

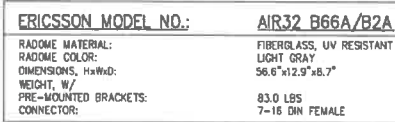
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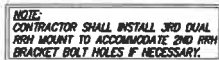
1 ANTENNA DETAIL  
-- NOT TO SCALE



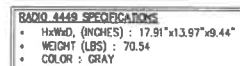
2 ANTENNA DETAIL  
-- NOT TO SCALE



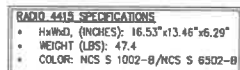
3 ANTENNA DETAIL  
-- NOT TO SCALE



5 BACK-TO-BACK MOUNT DETAIL  
-- NOT TO SCALE



7 ERICSSON RADIO 4449 DETAIL  
-- NOT TO SCALE

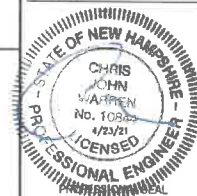


8 ERICSSON RADIO 4415 DETAIL

[illegible]

SEPL	DATE	APPD	REWORKS
REV			
RF MAIL			
ZONING			
CPS			
CONSTR.			
WTE AC.			

PROJECT NO:	1197-C0001-C
DRAWN BY:	PEG
CHECKED BY:	JLM



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OF THE NOTED SCALE.

SITE NUMBER:  
4NBS027\_NM03XC027

SITE NAME:  
HARBOUR PLACE

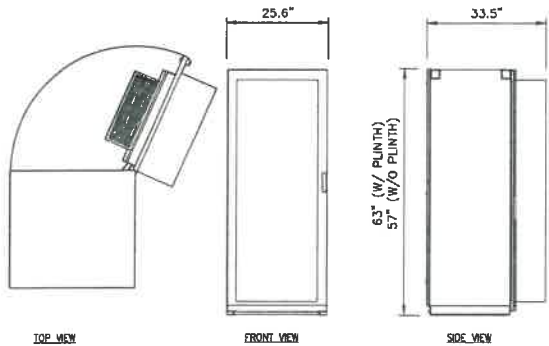
1 HARBOUR PLACE  
PORTSMOUTH, NH 03881

**SHEET TITLE**

**EQUIPMENT  
SPECIFICATIONS**

**SHEET NUMBER**

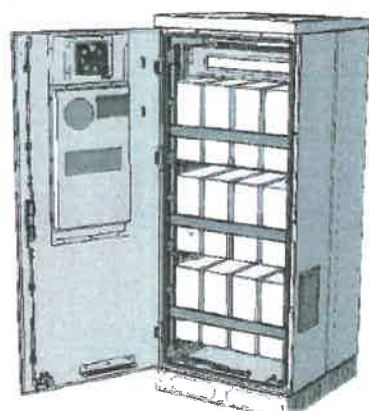
**C-5**



ERICSSON MODEL NO.:	6160
RACK SPACE:	19U
DIMENSIONS, HxWxD:	63\"x25.6\"x25.6\" (W/ 6\" PLINTH)
CABINET WEIGHT, EMPTY:	410 LBS
MAXIMUM WEIGHT:	770± LBS

1 ERICSSON RBS 6160  
NOT TO SCALE

\*NOTE: INSTALL AND GROUND CABINET PER MANUFACTURER'S INSTALLATION SPECIFICATIONS



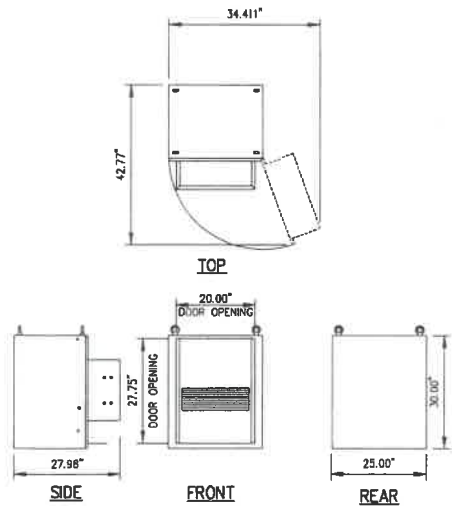
ERICSSON MODEL NO.:	B160
RACK SPACE:	19U
DIMENSIONS, HxWxD:	63\"x25.6\"x25.6\" (W/ 6\" PLINTH)
CABINET WEIGHT, EMPTY:	300 LBS
WEIGHT W/ (12) M12V1.55FT 150AH BATTERIES:	1500LBS (NOT TO EXCEED)

2 ERICSSON RBS B160  
NOT TO SCALE

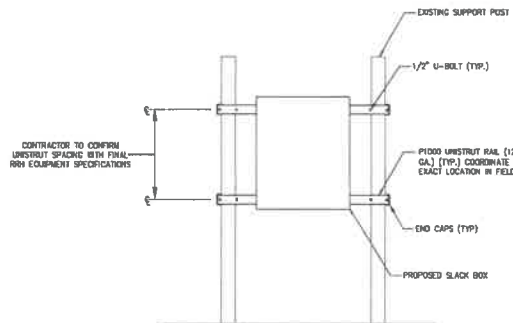
\*NOTE: INSTALL AND GROUND CABINET PER MANUFACTURER'S INSTALLATION SPECIFICATIONS

- STRUCTURAL NOTES:
1. SPECIFICATIONS / CODES:
- CONCRETE WORK SHALL BE PERFORMED IN ACCORDANCE WITH LATEST EDITION OF THE ACI CODE.
  - STEEL WORK SHALL BE PERFORMED IN ACCORDANCE WITH AISC STEEL CONSTRUCTION MANUAL, 14TH EDITION.
  - WELDING SHALL BE PERFORMED IN ACCORDANCE WITH AMERICAN WELDING SOCIETY (AWS) D1.1-92 "STRUCTURAL WELDING" CODE-STEEL.
  - REINFORCING STEEL SHALL BE PLACED IN ACCORDANCE WITH THE CONCRETE REINFORCING STEEL INSTITUTE (CRSI), "MANUAL OF STANDARD PRACTICE."
2. MATERIALS:
- CONCRETE: (c' - 3000psi (MIN. U.N.G.)
  - REINFORCING STEEL: ASTM A615, GRADE 60.
  - WIRE MESH: ASTM A185.
  - STRUCTURAL STEEL: ASTM A36.
  - ELECTRODES FOR WELDING: E 70xx.
  - GALVANIZING: ASTM A153 (BOLTS) OR ASTM A123 (SHAPES, PLATES).
  - EXPANSION BOLTS: HILTI KWIK BOLT II, STAINLESS STEEL, 3/4"x43/4" EMBEDMENT OR AN APPROVED EQUAL.

3 STRUCTURAL NOTES  
NOT TO SCALE



4 PURCELL FLX12WS- CABINET  
NOT TO SCALE



5 SLACK BOX MOUNTING DETAIL  
NOT TO SCALE

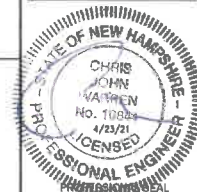
6 DETAIL NOT USED  
NOT TO SCALE



SUBMITTALS		
DATE	DESCRIPTION	REVISION
01/14/01	ISSUED FOR PERMIT	1

DATE	BY	APP'D	REVISION
01/14/01			

PROJECT NO: 1197-C0061-C  
DRAWN BY: PEG  
CHECKED BY: JLM



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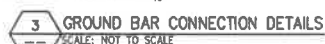
NOTE: IF DRAWINGS ARE 22"x34", USE GRAPHICAL SCALE AND/OR 1/32 TIMES OF THE NOTED SCALE.

SITE NUMBER:  
4NBS027\_NM03XC027  
SITE NAME:  
HARBOR PLACE  
1 HARBOR PLACE  
PORTSMOUTH, NH 03801

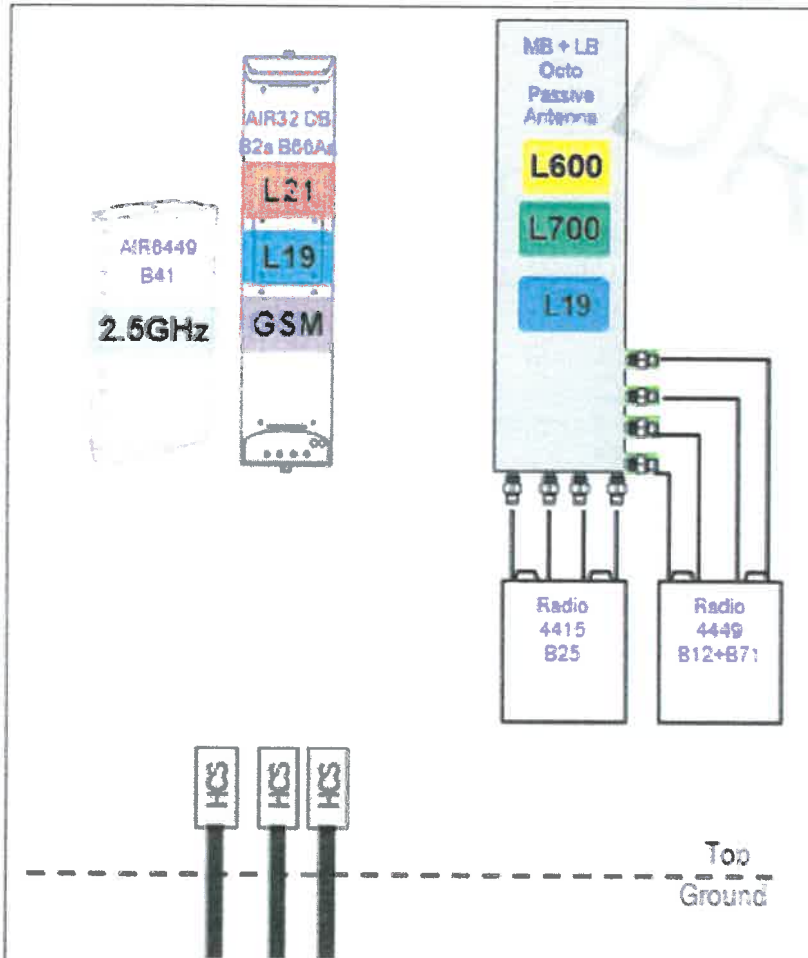
SHEET TITLE  
**EQUIPMENT SPECIFICATIONS**

SHEET NUMBER  
**C-6**



[illegible]

67D5A997DB\_2xAIR+1xOP.jpg



Notes:

1 67D5A997DB 6160 (GSM ONLY) CONFIGURATION COAX/FIBER PLUMBING DIAGRAM  
NOT TO SCALE

## Fiber and DC Mapping for Tower Top Sites

NEW 6432 HCS - Fiber									
Pair #	DC	Pair	Pair	Radio	Sector	Pair #	DC	Pair	Pair
1	Red	1	B	AIR6449 B41	A	1	Red	1	B
2	Red	2	A	AIR6449 B41	A	2	Red	2	A
3	Blue	3	B	AIR6449 B41	A	3	Blue	3	B
4	Yellow	4	A	AIR6449 B41	A	4	Yellow	4	A
5	White	5	B	AIR6449 B41	A	5	White	5	B
6	Black	6	A	AIR6449 B41	A	6	Black	6	A
7	Red	7	B	AIR6449 B41	A	7	Red	7	B
8	White	8	A	AIR6449 B41	A	8	White	8	A
9	Blue	9	B	AIR6449 B41	A	9	Blue	9	B
10	Yellow	10	A	AIR6449 B41	A	10	Yellow	10	A
11	White	11	B	AIR6449 B41	A	11	White	11	B
12	Black	12	A	AIR6449 B41	A	12	Black	12	A

- Radio 4415 could be B25 or B66, both apply to this HCS mapping.
- Radio 4415 shares DC with AIR6449 HCS.

## Fiber and DC Mapping for Tower Top Sites AIR32DB

NEW 6432 HCS - Fiber									
Pair #	DC	Pair	Pair	Radio	Sector	Pair #	DC	Pair	Pair
1	Red	1	B	AIR32 DB B2	A	1	Red	1	B
2	Red	2	A	AIR32 DB B2	A	2	Red	2	A
3	Blue	3	B	AIR32 DB B2	A	3	Blue	3	B
4	Yellow	4	A	AIR32 DB B2	A	4	Yellow	4	A
5	White	5	B	AIR32 DB B2	A	5	White	5	B
6	Black	6	A	AIR32 DB B2	A	6	Black	6	A
7	Red	7	B	AIR32 DB B2	A	7	Red	7	B
8	White	8	A	AIR32 DB B2	A	8	White	8	A
9	Blue	9	B	AIR32 DB B2	A	9	Blue	9	B
10	Yellow	10	A	AIR32 DB B2	A	10	Yellow	10	A
11	White	11	B	AIR32 DB B2	A	11	White	11	B
12	Black	12	A	AIR32 DB B2	A	12	Black	12	A

## Fiber and DC Mapping for Tower Top Sites

NEW 6432 HCS - Fiber									
Pair #	DC	Pair	Pair	Radio	Sector	Pair #	DC	Pair	Pair
1	Red	1	B	AIR6449 B41	A	1	Red	1	B
2	Red	2	A	AIR6449 B41	A	2	Red	2	A
3	Blue	3	B	AIR6449 B41	A	3	Blue	3	B
4	Yellow	4	A	AIR6449 B41	A	4	Yellow	4	A
5	White	5	B	AIR6449 B41	A	5	White	5	B
6	Black	6	A	AIR6449 B41	A	6	Black	6	A
7	Red	7	B	AIR6449 B41	A	7	Red	7	B
8	White	8	A	AIR6449 B41	A	8	White	8	A
9	Blue	9	B	AIR6449 B41	A	9	Blue	9	B
10	Yellow	10	A	AIR6449 B41	A	10	Yellow	10	A
11	White	11	B	AIR6449 B41	A	11	White	11	B
12	Black	12	A	AIR6449 B41	A	12	Black	12	A

- Radio 4415 could be B25 or B66, both apply to this HCS mapping.
- Radio 4415 shares Fiber with Radio 4449 HCS.

## T-Mobile

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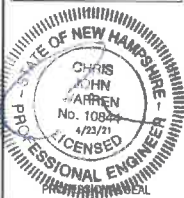
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SUBMITTALS		
DATE	DESCRIPTION	REVISION
01/10/11	ISSUED FOR PERMIT	0

DC	DC	DC	DC
1	2	3	4

PROJECT NO: 1197-C0091-C  
DRAWN BY: PEG  
CHECKED BY: JLM



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SITE NUMBER: 4NBS027\_NM03XC027  
SITE NAME: HARBOUR PLACE  
1 HARBOUR PLACE  
PORTSMOUTH, NH 03801

SHEET TITLE  
COAX/FIBER  
PLUMBING  
DIAGRAM

SHEET NUMBER  
E-2



