

August 23, 2022

VIA EMAIL

Mr. Joe Cornish City of Boston Environmental Department 1 City Hall Square Boston, MA 02201

Property Address:

Re: Application for Certificate of Appropriateness

Refiling and Request for Reconsideration by the BBAC Street Light Node at 280 Beacon Street (ExteNet ID – BB-08)

Applicant/Petitioner: ExteNet Systems, Inc. ("ExteNet")

Dear Mr. Cornish:

As you know, our firm represents the petitioner ExteNet Systems, Inc, a nationwide provider of network infrastructure for wireless carriers. ExteNet currently operates existing Small Cell Wireless Facilities (sometimes, a small cell") within the City of Boston ("Boston"), including within the Back Bay Architectural District (the "District"), as a licensed provider under that certain License Agreement between ExteNet and the City of Boston (the "License Agreement"), permitting ExteNet to utilize the City's public rights of way streetlight infrastructure for small cell wireless facilities.

By way of background, the proposed small cell wireless facility at the intersection of Exeter Street and Beacon Street (at 280 Beacon Street), that is the subject of ExteNet's application for a Certificate of Appropriateness, was denied without prejudice by the BBAC at its meeting on 5/11/22. Extenet hereby refiles this application for a Certificate of Appropriateness with the following additional information requested by the Commission. Enclosed please find a map of Extenet's other existing (approved by the City) small cell nodes within a two (2) block radius of the proposed small cell at 280 Beacon, together with a side walk plan with applicable measurements for handicap access and distances to other structures.

At the scheduled meeting for this Application, ExteNet's radio frequency engineer will be available to further discuss the radio frequency coverage and capacity needs for the subject small cell node to permit reliable and competitive wireless service by licensed wireless providers within the area of the subject small cell node. The proposed small cell node at 280 Beacon Street will further enhance the wireless network capacity around the proposed site to provide reliable wireless coverage.

ExteNet respectfully requests that the Commission reconsider its vote and the application for the proposed small cell wireless facility at 280 Beacon Street for the following reasons:

- 1. The proposed small cell is entirely consistent with many of the small cell installations throughout the City of Boston, but more specifically within the BBAC's District and consistent with other small cells approved by this Commission;
- The small cell consists of a black pendant design with a base cabinet that houses the Applicant's radios, which is consistent with the preference articulated by the BAC. This same design if one of the approved designs set forth in the Exhibits to the City's License Agreement;
- 3. The small cell is located at the corner of an intersection and not mid-block and this placement is consistent with direction articulated by the BBAC;
- 4. The small cell is located approximately 30' to the nearest building and the small cell is in full compliance with the FCC's regulations for public exposure to radio frequency emissions.

PRINCE LOBEL TYE LLP

Mr. Joe Cornish Back Bay Architectural Commission

August 23, 2022 Page | **2**

It is important to note that the Telecommunications Act of 1996 (the "Act") prohibits state and local governments from denying permit applications for small wireless facilities based upon environmental effects of radio frequency emissions if the FCC's guidelines are followed. As you are aware, ExteNet has demonstrated that its proposed small wireless "facilities comply with the Commission's regulations concerning such emissions." 47 USC 332©(7)(B)(iv). Furthermore, on September 26, 2018, the FCC passed a Declaratory Ruling and Third Report and order (the "Ruling") pursuant to its authority under the Act. That Ruling set forth guidelines for municipal approval of small wireless facilities.

ExteNet respectfully requests that the BBAC reconsider the subject Application for a Certificate of Appropriateness, together with the supplementary materials submitted herewith and vote to approve the Application for all the foregoing reasons set forth herein.

Thank you.

Sincerely,

Ricardo M. Sousa

(617) 456-8123

rsousa@princelobel.com

DOIT PORTAL #: EXT 2265 BSL APPROVAL ON FILE EXTENET ID: BB_08_new

LATITUDE / LONGITUDE: 42.353175 / -71.081165

SITE ADDRESS: 280 BEACON ST.

CITY, STATE, ZIP: BOSTON, MA 02116

CALL BEFORE YOU DIG
UNDERGROUND SERVICE ALERT
72 HOURS NOTICE REQUIRED.

ENTER 1-888-DIG-SAFE

GENERAL NOTES

THE FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION, A TECHNICHIAN WILL VISIT THE SITE AS REQUIRED FOR ROUTINE MAINTENANCE. THE PROJECT WILL NOT RESULT IN ANY SIGNIFICANT DISTURBANCE OR EFFECT ON DRAINAGE; NO SANITARY SEWER SERVICE, POTABLE WATER OR TRASH DISPOSAL IS REQUIRED AND NO COMMERCIAL SIGNAGE.

SITI	E INFORMATION
EXTENET NODE ID:	BB_08_new
LATITUDE:	42.353175
LONGITUDE:	-71.081165
SITE ADDRESS:	280 BEACON ST.
CITY, STATE ZIP:	BOSTON, MA 02116
COUNTY:	SUFFOLK
JURISDICTION:	BOSTON
PROPERTY OWNER:	PUBLIC RIGHT-OF-WAY
APPLICANT:	EXTENET SYSTEMS 3030 WARRENVILLE RD LISLE, IL 60532 (630) 505-3800

PROJECT MANAGER

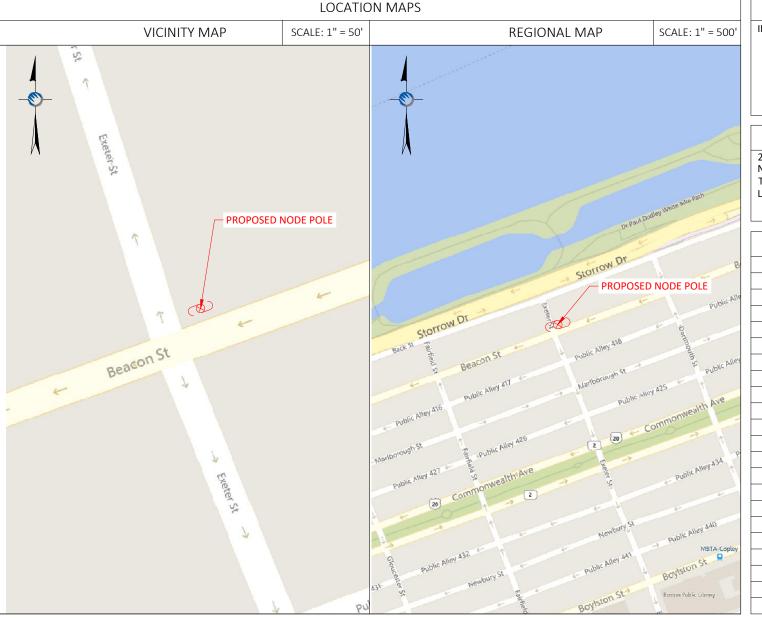
JEREMY WEBER 3030 WARRENVILLE RD SUITE 340 LISLE, IL 60532 NOC: (866) 892-5327

DO NOT SCALE DRAWINGS

CONTRACTORS SHALL VERIFY ALL PLANS, (EX.) DIMENSIONS & FIELD CONDITIONS ON THE JOB SITE & SHALL IMMEDIATELY NOTIFY THE ARCHITECT / ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.

NOTE:

GENERAL CONTRACTOR IS REQUIRED TO CROSS CHECK COORDINATES, EXHIBIT PHOTO, AERIAL PHOTO AND SITE PLAN TO ENSURE PROPER POLE LOCATION PRIOR TO BREAKING GROUND, CONCERNS OR QUESTIONS SHOULD BE IMMEDIATELY DIRECTED TO ASSIGNED EXTENET PROJECT MANAGER.



PROJECT DESCRIPTION

INVOLVING INSTALLMENT:

THESE PLANS REPRESENT A PORTION OF A PROPOSED SMALL CELL BUILD INVOLVING THE INSTALLMENT OF AN ANTENNA AND RADIO EQUIPMENT ON AN EXISTING WOODEN UTILITY OR REPLACEMENT METAL STREETLIGHT POLE.

CODES

2019 INTERNATIONAL BUILDING CODE NATIONAL ELECTRIC SAFETY CODE TIA/EIA-222-G-2 OR LATEST EDITION LOCAL BUILDING / PLANNING CODE

DRAWING INDEX			
SHEET NO: SHEET TITLE			
TITLE SHEET			
SITE PLAN & EXHIBIT PHOTO			
ELEVATION SIDE VIEW			
ELEVATION REAR VIEW			
ANTENNA DETAILS			
WIRING DIAGRAM			
RADIO SHROUD DETAILS			
GENERAL NOTES			
GENERAL NOTES			



PLANS PREPARED BY: -



LOCATION:

280 BEACON ST.
BOSTON, MA 02116
SUFFOLK COUNTY

PE STAMP AREA:

DRAWING NOTES:

ORIGINAL PLAN
SCALE: AS NOTED

DRAWN BY: IJD
PLAN ORIG. DATE: 8/10/20

RE'	VISIONS:		
REV	DESCRIPTION	BY	DATE
0	UPDATE ANT. CONFIG.	ECF	03/03/21
1	UPDATE EQUIPMENT	МВ	10/28/21

SITE INFO:

LAT: 42.353175

LONG: -71.081165

EXTENET NODE ID:

BB_08_new

SITE ADDRESS:

280 BEACON ST.

SHEET TITLE:

TITLE SHEET

SHEET NUMBER:

T-1

16/20 N:\Eng





NOTE 1:

PROPOSED FIBER TO BE INSTALLED BY OTHERS.

PROPOSED EQUIPMENT TO BE PAINTED TO BLEND WITH POLE.

FCC MANDATED SIGNAGE TO BE ATTACHED TO POLE.

REPLACE EXISTING CONCRETE STREETLIGHT POLE WITH HEXAGONAL STEEL POLE. ADD ANTENNA / RADIO EQUIPMENT.

ABSOLUTELY NO FIELD CUTTING OR CORING OF METALLIC OR COMPOSITE POLES TO BE ALLOWED.

NO EXISTING OR PROPOSED AERIAL SPANNING ATTACHMENTS ARE ALLOWED TO BE ATTACHED TO THIS POLE.

- EXISTING METAL LIGHT POLE - EXISTING STREET SIGN 12'-2" CONCRETE CONCRETE SIDEWALK SIDEWALK

PROPOSED ANTENNA ASSEMBLY WITH 4G/LTE COMPATIBLE COMMSCOPE VVSSP-360S-F QUASI ANTENNA AZIMUTH: 70° (SEE DETAIL) PROPOSED FLUTED STEEL PENDANT POLE PAINTED TO MATCH EXISTING PER C.O.B. STANDARDS -RELOCATE EXISTING STREET SIGN 12'-2" PROPOSED SEPARATE POWER TO CONTINUE TO STREETLIGHT PROPOSED BASE CABINET WITH EQUIPMENT (SEE DETAILS EQ-1) PROPOSED FIBER BY OTHERS TO HANDHOLE VIA EXTENET —SET IN GROUND 10" BELOW GRADE CONCRETE CONCRETE SIDEWALK 4 4 4 PROPOSED TYPICAL CONCRETE FOUNDATION 30" Ø x 84" H

1 EXISTING PROFILE - SIDE VIEW LOOKING NORTHEAST ALONG BEACON ST

PROPOSED PROFILE - SIDE VIEW LOOKING NORTHEAST ALONG BEACON ST



POLE ELEVATIONS SCALE: 1" = 5'

PLANS PREPARED FOR:

- PLANS PREPARED BY:



Mansfield, MA 0204 www.piketelecom.org

- LOCATION:

280 BEACON ST. BOSTON, MA 02116 SUFFOLK COUNTY

PE STAMP AREA: -

DRAWING NOTES:

ORIGINAL PLAN SCALE: AS NOTED DRAWN BY: PLAN ORIG. DATE: 8/10/20

DESCRIPTION BY DATE 0 UPDATE ANT, CONFIG. ECF 03/03/2 1 UPDATE EQUIPMENT MB 10/28/21

LAT: 42.353175 LONG: -71.081165

EXTENET NODE ID:

BB_08_new

SITE ADDRESS:

280 BEACON ST.

SHEET TITLE: POLE ELEVATIONS

SHEET NUMBER:

EV-1



NOTE 1:

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- EXISTING METAL LIGHT POLE - EXISTING STREET SIGN 12'-2" CONCRETE **BEACON ST** SIDEWALK ROAD

PROPOSED ANTENNA ASSEMBLY WITH 4G/LTE COMPATIBLE COMMSCOPE VVSSP-360S-F QUASI ANTENNA AZIMUTH: 70° (SEE DETAIL) PROPOSED FLUTED STEEL PENDANT POLE PAINTED TO MATCH EXISTING PER C.O.B. STANDARDS -RELOCATE EXISTING STREET SIGN 12'-2" PROPOSED SEPARATE POWER TO CONTINUE TO STREETLIGHT PROPOSED BASE CABINET WITH EQUIPMENT (SEE DETAILS EQ-1)

— PROPOSED FIBER BY OTHERS TO HANDHOLE VIA EXTENET SET IN GROUND 10" BELOW GRADE CONCRETE SIDEWALK PROPOSED TRAFFIC RATED HANDHOLE VIA 3" EXTENET PROPOSED TYPICAL CONCRETE FOUNDATION 30" Ø x 84" H

EXISTING PROFILE - REAR VIEW LOOKING SOUTHEAST TOWARDS BEACON ST

EXISTING PROFILE - REAR VIEW LOOKING SOUTHEAST TOWARDS BEACON ST



POLE ELEVATIONS SCALE: 1" = 5'

PLANS PREPARED FOR:

- PLANS PREPARED BY:



Mansfield, MA 0204 www.piketelecom.or 1-508-337-7600

- LOCATION:

280 BEACON ST. BOSTON, MA 02116 SUFFOLK COUNTY

PE STAMP AREA: -

DRAWING NOTES:

ORIGINAL PLAN SCALE: AS NOTED DRAWN BY: PLAN ORIG. DATE: 8/10/20

DESCRIPTION BY DATE 0 UPDATE ANT. CONFIG. ECF 03/03/2 1 UPDATE EQUIPMENT MB 10/28/21

LAT: 42.353175 LONG: -71.081165

EXTENET NODE ID:

BB_08_new

SITE ADDRESS:

280 BEACON ST.

SHEET TITLE:

POLE ELEVATIONS

SHEET NUMBER:

EV-2

10-port small cell antenna, 4x 1695–2690, 4x 3400-3800 and 2x 5150-5925 MHz. 360° Horizontal Beamwidth, fixed tilt.

VVSSP-360S-F ANTENNA

SCALE: NOT TO SCALE

General Specifications

Small Cell **Antenna Type** Multiband Band

Grounding Type RF connector inner conductor and body grounded to reflector and mounting bracket

Performance Note Outdoor usage | Wind loading figures are validated by wind tunnel measurements

described in white paper WP-112534-EN

Radome Material Fiberglass, UV resistant Low loss circuit board **Radiator Material**

Reflector Material Aluminum 4.3-10 Female **RF Connector Interface**

RF Connector Location Bottom RF Connector Quantity, high band 10 **RF Connector Quantity, total** 10

Dimensions

Length 600 mm | 23.622 in 200 mm | 7.874 in **Outer Diameter**

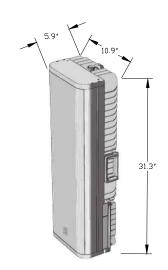
5 GHz Port Power Table

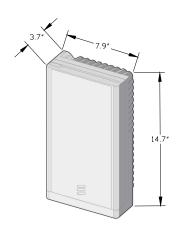
5 GHz	FCC Power F	Requirement	ts	
U-NII Band	U-NII 1	U-NII 2A	U-NII 2C	U-NII 3
Frequency (MHz)	5150 - 5250	5250 - 5350	5470 - 5725	5725 - 5850
Max Input power per port to align with FCC Title 47 Part 15 (Watts)	0.5	0.125	0.125	0.5





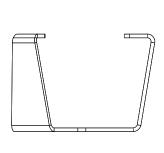






ERICSSON 4455 & 4435 RADIOS

SCALE: NOT TO SCALE

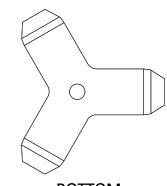


ERICSSON RADIO 4455

ERICSSON

RADIO 4435

SIDE



BOTTOM

CUSTOM MOUNTING BRACKET

SCALE: NOT TO SCALE





280 BEACON ST. BOSTON, MA 02116 SUFFOLK COUNTY

PE STAMP AREA:

DRAWING NOTES:

2

AS NOTED RAWN BY: PLAN ORIG. DATE: 8/10/20

RE'	VISIONS:		
REV	DESCRIPTION	BY	DATE
0	UPDATE ANT. CONFIG.	ECF	03/03/21
1	UPDATE EQUIPMENT	MB	10/28/21

LAT: 42.350046 LONG: -71.086562 BB_01_new SITE ADDRESS: 29 HEREFORD ST SHEET TITLE: ANTENNA DETAILS

SHEET NUMBER:

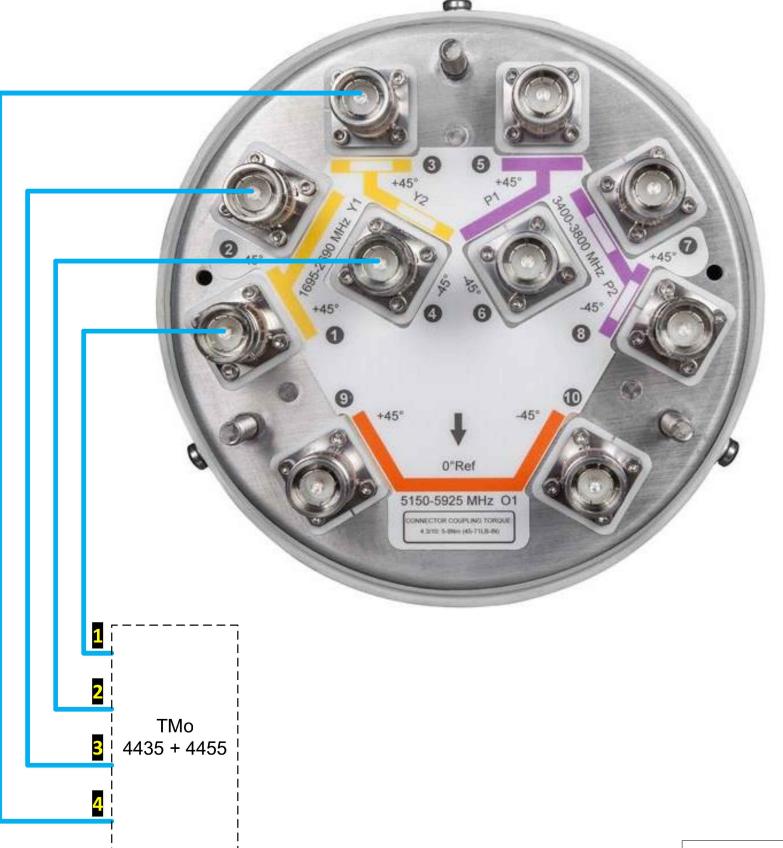
AT-1

Physical port locations for the remotes may not be accurate and are shown for antenna/combiner cabling connectivity purposes ONLY

CommScope VVSSP-360S-F QUASI

All antenna connectors are 4.3/10 mini-DIN female

Azimuth (0° Ref) MUST be aligned per CONFIG/AZIMUTHS tab.



PLANS PREPARED FOR:

EXTENS YOUR NETWORK.

SYSTEUR

YOUR NETWORK.

EVERYWHERE.

PLANS PREPARED BY: =



21 Oxford Rd Mansfield, MA 02048 www.piketelecom.org 1–508–337–7600

- LOCATION:

280 BEACON ST.

BOSTON, MA 02116

SUFFOLK COUNTY

PE STAMP AREA:

DRAWING NOTES: •

ORIGINAL PLAN—
SCALE: AS NOTED
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0 UPDATE ANT. CONFIG. ECF 03/03/21

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SITE INFO: LAT: 42.353175 LONG: -71.081165

EXTENET NODE ID:

BB_08_new

SITE ADDRESS:
280 BEACON ST.

200 BEACON 3

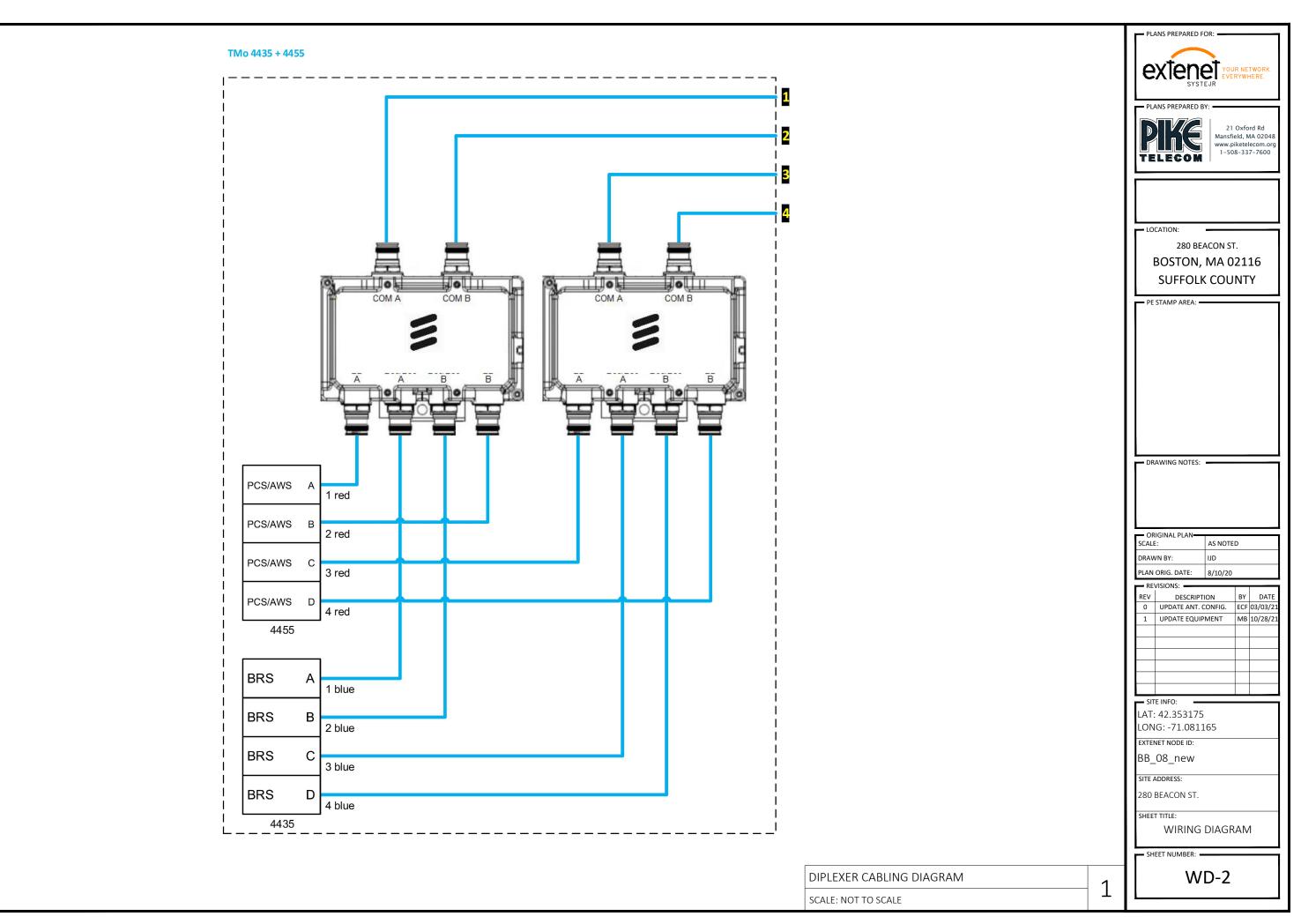
SHEET TITLE:
WIRING DIAGRAM

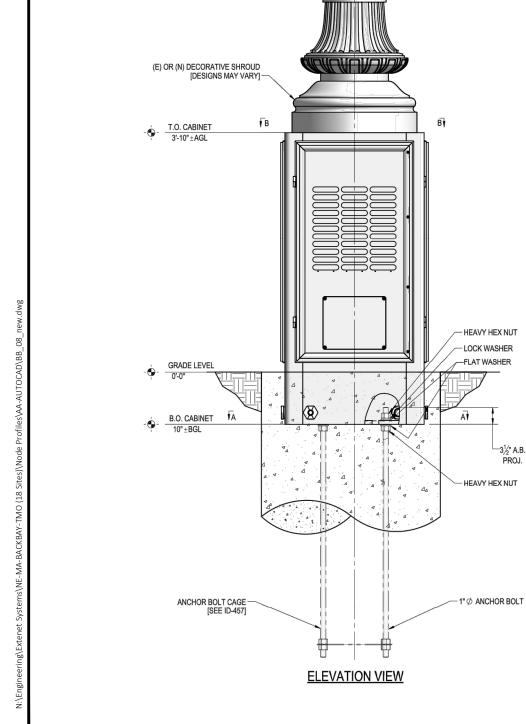
SHEET NUMBER:

WD-1

ANTENNA WIRING DIAGRAM

SCALE: NOT TO SCALE





(E) OR (N) POLE [DESIGNS MAY VARY]

*	ITEM #	PART#	DESCRIPTION	QTY.	UNIT WT.(lbs)
*	1	AA-001	SH 12GA. x 13/16" x 2 1/4" G90, ION HANGING HOOK		0.1
*	2	AA-033	16GA.x1'-10 13/16"x3'-6 5/8" E.G. MATERIAL, VENTED COVER		41
*	3	AA-036	SH 16GA.x1'-10 13/16"x3'-6 5/8" E.G. MATERIAL, VENTED COVER	2	24
*	4	WA-940	20GA.x1'-5 1/4"x1'-5 1/4" S.S., FORMED SCREEN	2	3.3
*	5	WA-941	20GA.x1'- 3/4"x2'-1 3/4" S.S., FORMED SCREEN	2	3.4
*	6	WA-959	16GA.x10"x1'-0" E.G. MATERIAL, COVER PLATE	2	5.9
*	7	PL-1633	14GA.x8 1/2"x2'-8 1/4" E.G. MATERIAL, ADAPTER PLATE	4	4.8
*	8	WA-1687	14GA.x2'-1 3/16"x3'-6 1/2" E.G. MATERIAL, PLENUM	1	64
	9	WA-1988	2'-2 3/4" SQR. x 4'-8" TALL, A36 EQUIP. BASE WLDMNT	1	536
*	10	PL-3141	1/2"x7 1/4"x9 1/4" EMBOSSED DAMPING FOAM	4	1.5
*	11	PL-3188	SH 14GA. x 10" x 3'-4 5/8" G90, ADAPTER PLATE	4	9.9
*	12	PL-3191	SH 12 GA x 8 1/4" x 1'-4" G90, COVER PLATE	4	4
*	13	PL-3215	SH 12GA. x 7 1/2" x 1'-2" G90, FORMED BRACKET	1	3.1
*	14	PL-4603	SH 12GA.x3"x11 3/4" G90, BRKT	2	1
			HARDWARE		
*	15	PL-718	1/4"x2"x6" COPPER, BUS BAR	2	0.8
*	16	SS-908	3/4" NPT x 3" PVC, STRAINER	4	0.1
	17	70304	#8-32 x 3/4" HEX WASHER SLOTTED MACHINE SCREW, S.S.	6	0.01
	18	46005	#8 LOCK WASHER, S.S.	6	0.01
	19	47005	#8 FLAT WASHER, S.S.	6	0.001
	20	59001	#8-32 MACHINE SCREW NUT, S.S.	6	0.01
*	21	71218 1/4"Ø x 1/2" TAMPER-RESIS. BUTTON-HD SCKT CAP SCRW, S.S. 8		0.001	
	22	70216	1/4"Ø x 3/4" S.S., FLGD BUTTON-HD SCKT CAP SCRW	28	0.02
*	23	79100	1/4"Ø x 1" BOLT/NUT/LW, S.S.	2	0.3
*	24	71217	1/4"Ø x 1" TAMPER-RESISTANT BUTTON-HD, S.S.	16	0.002
*	25	80255	1/4"Ø x 1 1/2" THRD STUD, S.S.	20	0.02
*	26	41001	1/4"Ø LOCK WASHER, S.S.	24	0.002
*	27	40001	1/4"Ø FLAT WASHER, S.S.	32	0.003
*	28	55996	1/4"Ø HEX NUT, S.S.	24	0.01
*	29	91142	1/4" 1-LUG (4AWG-14AWG) BURNDY KA4C TERMINAL, COPPER	2	0.04
*	30	71017	3/8"Ø x 5/8" BOLT, S.S.	8	0.04
*	31	15230	3/8"Ø x 1" A307 FULLY THD'D BOLT/NUT/LW, GALV.	4	0.1
*	32	43010	3/8"Ø LOCK WASHER, S.S.	8	0.01
*	33	40011	3/8"Ø FLAT WASHER, S.S.	4	0.01
*	34	90060	3/8" STANDOFF INSULATOR (559640)	4	0.1
*	35	90801	3/4" NPT BULKHEAD FITTING	4	0.3
*	36	90803	3/4" NPT PVC PIPE CAP	4	0.04
*INI		S EACTORY I	NSTALLED PART / HARDWARE TOTAL GA	1 \/ \//T	847



PLANS PREPARED BY:



21 Oxford Rd Mansfield, MA 02048 www.piketelecom.org 1-508-337-7600

LOCATION:

280 BEACON ST.

BOSTON, MA 02116 SUFFOLK COUNTY

PE STAMP AREA:

DRAWING NOTES:

ORIGINAL PLAN—SCALE: AS NOTED
DRAWN BY: IJD

PLAN ORIG. DATE: 8/10/20

REVISIONS:

REV DESCRIPTION BY DATE

0 UPDATE ANT. CONFIG. ECF 03/03/21

1 UPDATE EQUIPMENT MB 10/28/21

SITE INFO: LAT: 42.353175 LONG: -71.081165

EXTENET NODE ID:

BB_08_new

SITE ADDRESS:

280 BEACON ST.

SHEET TITLE:

RADIO SHROUD DETAILS

SHEET NUMBER:

RS-1

 $2'-2\frac{3}{4}$ " SQ. x 4"-8" TALL, BASE CABINET

1. THE INTERNITION OF THESE DOCUMENTS IS TO SHOW THE COMPLETE INSTALLATION AND TO INCLUDE ALL LABOR AND MATERIALS REASONABLY NECESSARY, WHETHER OR NOT SPECIFICALLY INDICATED, FOR THE PROPER EXECUTION AND COMPLETION OF THE WORK AS STIPULATED IN THE CONTRACT. THE INTENT OF THESE DOCUMENTS IS NOT DESIGNATE THE MEANS AND METHODS OF PROCEDURE OF THE WORK. THE CONTRACTORS SHALL SUPERVISE AND COORDINATE ALL WORK, USING THEIR PROFESSIONAL KNOWLEDGE AND SKILLS. THEY ARE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, PROCEDURES, SCILLING SHALL SUPERVISE AND COORDINATE OF ALL PORTIONS OF THE WORK LINES THE WORK LINES THE WORK LINES THE WORK LINES AND SUPPLEMENTS: 8.B. - INTERNATIONAL BUILDING CODE 8.B. - INTERNATIONAL BUILDING CODE 8.G. - MEERONAL TO ACCORDINATE OF THE WORK LINES THE WORK LINES AND SUPPLEMENTS: 8.G. - MEERONAL TO ACCORDINATE OF THE WORK LINES AND SUPPLEMENTS:

BIG - INTERNATIONAL BUILDING CODE
 AGI - AMERICAN CONCERETE INSTITUTE
 A SIG - AMERICAN INSTITUTE OF STEEL CONSTRUCTION SPECIFIC.
 ASIGN - AMERICAN INSTITUTE OF STEETING, AND ELECTRONGS ENGINES
 NEC - NATIONAL ELECTRICAL CODE
 NESC - NATIONAL ELECTRICAL SAFETY CODE
 LL - UNDERWRITERS LABORATORIES
 NASIC-NATIONAL STANDARD PLUMBING CODE
 NED - NATIONAL STANDARD PLUMBING CODE
 NED - NATIONAL STANDARD PLUMBING CODE
 NED - NATIONAL PREP ROTECTION ASSOCIATION
 OSINA- OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
 OSINA- OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

 OSHA - OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
 ANSI/TIA - TELECOMMUNICATIONS INDUSTRY ASSOCIATION - 222-G STANDARE
 ALL GOVERNING STATE, COUNTY AND LOCAL CODES AND ORDINANCES HE MOST STRINGENT CODE WILL APPLY IN THE CASE OF DISCREPANCIES OR DIFFERENCES IN THE CODE REQUIREMENTS.

INC. MULDI DITIVIDED IN THE CASE OF DISCREPANCIES OR DIFFERENCES IN THE CODE REQUIREMENTS.

3. THE ENDMERENNE DRAWINGS SHOP PRINCIPLY IN THE CASE OF DISCREPANCIES OR DIFFERENCES IN THE CODE REQUIREMENTS.

3. THE GENERAL PROPERTY OF THIS CONTROL IN AREAS WHERE WORK MUST BE ACCOMPLISED UNDER THIS CONTROL. INCIDENTAL WORK MAY ALSO BE NECESSARY IN AREAS NOT SHOWN ON THE ENGINEERING DRAWINGS DUE TO CHANGES AFFECTING EXISTING ELECTRICAL OR OTHER SYSTEMS. SUCH INCIDENTAL WORK IN ACCORDANCE WITH THE CONTROL'T REQUIREMENTS AT HOUSE THIS CONTROL. COST TO THE CONTROL'T REQUIREMENTS AT HOUSE THAT ALL PROPERTY OF THE COST TO THE CONTROL'T REQUIREMENTS AND ATTENUAD DRAWINGS. ALL SHOWN DIMENSIONS TAKE PRECEDENCE OVER SCALING.

5. MONOR DEVILATIONS FROM THE DESSION LAVOUT AREA ANTIONED DRAWINGS. ALL SHOWN DEWINSON TO THE WORK ACAD CONTRACTOR THE WORK FLOOR CONTROL TOR WITHOUT A CHANGE ORDER.

6. GENERAL CIVIL, STRUCTURAL ELECTRICAL, AND ANTIONAD DRAWINGS ARE INTERRELATED. IN PERFORMANCE OF THE WORK, EACH CONTRACTOR MUST REFER TO ALL DRAWINGS ALL COORDINATION SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.

7. THE GENERAL NOTES ON TRACED.

WITH ALL APPLICABLE GENERAL HOTES NAY NOT APPLY TO EVERY SITE. THE CONTRACTOR IS TO COMPLY WITH ALL APPLICABLE GENERAL HOTES ANY NOT APPLY TO EVERY SITE. THE CONTRACTOR IS TO COMPLY WITH ALL APPLICABLE GENERAL HOTES ANY NOT APPLY TO EVERY SITE. THE CONTRACTOR IS TO COMPLY WITH ALL APPLICABLE GENERAL HOTES ANY NOT APPLY TO EVERY SITE. THE CONTRACTOR IS TO COMPLY WITH ALL APPLICABLE GENERAL HOTES ANY NOT APPLY TO EVERY SITE. THE CONTRACTOR IS TO COMPLY WITH ALL APPLICABLE GENERAL HOTES ANY NOT APPLY TO EVERY SITE. THE CONTRACTOR IS TO COMPLY WITH ALL APPLICABLE GENERAL HOTES AND THE GENERAL NOTES ANY NOT APPLY TO EVERY SITE. THE CONTRACTOR IS TO COMPLY WITH ALL APPLICABLE GENERAL HOTES ANY NOT APPLY TO EVERY SITE. THE CONTRACTOR IS TO COMPLY WITH ALL APPLICABLE GENERAL HOTES ANY NOT APPLY TO EVERY SITE. THE CONTRACTOR IS TO COMPLY WITH ALL APPLICABLE GENERAL HOTES AND AND APPLY TO EVERY

ALL GENERAL NOTES AND STANDARD DETAILS ARE THE MINIMUM REQUIREMENT TO BE USED IN CONDITIONS WHICH ARE NOT SPECIFICALLY SHOWN OTHERWISI REPRESENTATION OF THE TRUE NORTH OTHER THAN THOSE OF FOUND ON THE PLOT OF THE SURVEY DRAWING AND SURVEYORS MARKINGS AT THE STREAMS OF THE TRUE NORTH AT THE SITE. THE CONTRACTOR SHALL RELY SOLELY ON THE PLOT OF THE SURVEY DRAWING SHALL NOT STREAMS THE STREAMS OF THE TRUE NORTH AT THE SITE. THE CONTRACTOR SHALL RELY SOLELY ON THE PLOT OF THE SURVEY DRAWING AND SURVEYORS MARKINGS AT THE SITE OF THE SURVEY DRAWING SHALL NOT STREAM THE STREAMS OF THE WORKING DRAWINGS AND THE TRUE NORTH AT THE SURVEY DRAWING AND STREAMS OF THE WORKING DRAWINGS AND THE TRUE NORTH ORIENTATION AS DEPICTED ON THE CIVIL SURVEY. THE CONTRACTOR SHALL ASSUME SOLE LIBEATS OF THE WORKING DRAWINGS AND THE TRUE NORTH ORIENTATION AS DEPICTED ON THE CIVIL SURVEY. THE CONTRACTOR SHALL ASSUME SOLE LIBEATS OF THE WORKING DRAWINGS AND THE TRUE NORTH AT THE STREAMS OF THE WORKING DRAWINGS AND THE TRUE NORTH ORIENTATION AS DEPICTED ON THE CIVIL SURVEY. THE CONTRACTOR SHALL ASSUME SOLE LIBBATE OF NORTH THE MORE THAT THE STREAMS OF THE WORKING DRAWINGS AND THE TRUE NORTH AT THE STREAMS OF THE WORKING DRAWINGS AND THE TRUE NORTH AT THE STREAMS OF THE WORKING DRAWINGS AND THE TRUE NORTH AT THE STREAMS OF THE WORKING DRAWINGS AND THE TRUE NORTH AT THE STREAMS OF THE WORKING DRAWINGS AND THE TRUE NORTH AT THE STREAMS OF THE WORKING DRAWINGS AND THE TRUE NORTH AT THE STREAMS OF THE WORKING DRAWINGS AND THE TRUE NORTH AT THE STREAMS OF THE WORKING DRAWINGS AND THE TRUE NORTH AT THE STREAMS OF THE WORKING DRAWINGS AND THE TRUE NORTH AT THE STREAMS OF THE WORKING DRAWINGS AND THE STREAMS OF T

. THE CONTRACTOR SHALL USE A DEQUATE NUMBERS OF SKILLED WORKMEN WHO ARE THOROUGHLY TRAINED AND EXPERIENCED IN THE NECESSARY CRAFTS, AND WHO ARE COMPLETELY FAMILIAR WITH THE SPECIFIED REQUIREMENTS AND METHODS NEEDED FOR PROPER PERFORMANCE OF THE WORK 10. THE CONTRACTOR SHALL USE ADDUCTE NUMBERS OF SKILLED WORKINEN WHO ARE THORQUISTY TRANED AND EXPERIENCED IT HE NOTE.

IN THE CONTRACTOR WHILE BE REQUISED AND ADDUCTE RESPONSIBLY FOR THE USE OF THE WORK.

IN THE CONTRACTOR WHILE BE REQUISED TO ASSUME SOLE AND COMPLETE RESPONSIBLY FOR THE USE OF THE WORK OF THE WORK OF THE WORK OF THE WORK ON THIS PROJECT.

IN THE CONTRACTOR SHALL BE RESPONSIBLE OF COMPLY WHITH ALL SHEET PRECLUTIONS AND DEPOTE AND THE CONTRACTOR SHALL BE RESPONSIBLE OF COMPLY WHITH ALL SHEET PRECLUTIONS AND PROGRAMS.

13. SHEET MEETINGS SHALL TAKE PLACE EVERY MORRING BEFORE THE WORK ON THIS PROJECT.

14. THE CONTRACTOR SHALL BE SUBJECT.

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16. THE CONTRACTOR SHEED SHALL SHALL THAN SHEET SHALL S

9. EACH CONTRACTOR IS RESPONSIBLE FOR PULLING BUILDING PERMITS AT THE LOCAL JURISDICTION AS THE CONTRACTOR OF RECORD, AND SHALL PROVIDE THE JURISDICTION WITH ALL PROOF REQUIRED TO OPERATE AS CONTRACTOR IN THIS JURISDICTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND INCURRING THE COST OF ALL REQUIRED PERMITS, INSPECTIONS, CERTIFICATIONS, ETC. PRIOR TO BECOMMING WORK. D. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AMPLE NOTICE TO THE BUILDING INSPECTION DEPARTMENT TO SCHEDULE THE REQUIRED INSPECTIONS. A MINIMUM OF 48 HOURS OF NOTICE SHOULD BE GIVEN TO AUTHORITIES. AN EXTENSION IN THE CONTRACT SCHEDULE WILL NOT BE GRANTED DUE TO DELAY CAUSED BY INSPECTIONS.

NESPECTIONS.

LECHICONTRACTOR IS RESPONSIBLE FOR APPLICATION AND PAYMENT OF CONTRACTOR LICENSES, BONDS AND INSURANCES, DOCUMENTATION SHALL BE PROVIDED TO THE OWNER PRIOR TO WORK.

2. A COPY OF THE APPROVED DAIANS SHALL BE KERT IN A PRACE SPECIFIED BY THE GOVERNING AGENCY, AND BY LAW BE AVAILABLE FOR INSPECTION AT ALL TIMES, IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE ALL CONSTRUCTION SETS REFLECT THE SAME INFORMATION AS THE APPROVED PLANS. THE COST SHALL ALSO MAINTRAIN ONE SET OF PLANS AT THE SITE FOR PURPOSE OF DOCUMENTING ALL AS BUILTS, CHANGES REVISIONS, ADDENIA, OR CHANGE ORDERS.

3. THE CONTRACTOR IS TO PROVIDE THE COVINER WITH A FILL SET OF RECORD DRAWNINGS WITH ACTUAL DIMENSIONS, ROUTING AND CRICATIST UPON COMPLETION OF CONSTRUCTION.

22. THE CONTRACTOR IS TO PROVIDE THE OWNER WITH A FILL SET OF RECORD DRAWNIGS WITH ACTUAL DIMENSIONS, ROUTING AND CREUITS UPON COMPLETION OF CONSTRUCTION.

A THE CONTRACTOR IS TO CRAYLOR DOTS IN CLEEPING WITH A CELL SET OF RECORD DRAWNIGS WITH ACTUAL DIMENSIONS, ROUTING AND CREDIT STATE OF A CONTRACTOR.

A THE CONTRACTOR IS TO CONTRACTOR IS TO LOCATION TO THE LEGATION AND TESTING WARRANTIES.

BY THE CONTRACTOR IS RESPONSIBLE TO PROVIDE TEMPORARY BRACKINS, SHORM, ISE, FORM WORK AND THE PROTECTION OF ALL WORK DUTING CONSTRUCTION TO A VIOLD DAMAGE, COLLAPSE, DISTORTION, MISALIGNMENT AND ALTERATION OF EXISTING WARRANTIES.

BY THE CONTRACTOR IS RESPONSIBLE TO PROVIDE TEMPORARY POWER, WATER AND TOLET FACULTIES AS REQUIRED BY THE PROPERTY OWNER OR GOVERNING AGENCY.

THE CONTRACTOR IS RESPONSIBLE TO PROVIDE TEMPORARY POWER, WATER AND TOLET FACULTIES AS REQUIRED BY THE PROPERTY OWNER OR GOVERNING AGENCY.

THE CONTRACTOR SHALL DESTING STRUCTURES DURING CONSTRUCTION.

BY THE CONTRACTOR SHALL CORDINATE THE FINAL DIMENSIONS OF ANY TYPE OF STRUCTURAL LAYOUT WITH THE FOOTPRINT OF THE NEW EQUIPMENT EFFORE ORDERING ANY MATERIALS.

B. ALL MATERIALS AND EQUIPMENT SHALL BE NEW AND IN SAFE CONDITION PRIOR TO INSTALLATION, AND SHALL BE OF THE BEST GRADE AND OF THE SAME MANUFACTURER THROUGHOUT, FOR EACH CLASS, GROUP, OR EQUIPMENT

OLL MATERIALS MUST BE STORED ON A LEVEL AND DRY LOCATION AND IN A MANABERT HAT WILL NOT OBSTRUCT THE FLOW OF OTHER WORK RELATED OR NOT RELATED TO THIS CONTRACT. ANY EQUIPMENT OR MATERIAL STORAGE MUST MEET ALL RECOMMENDATIONS OF THE MANUFACTURER. THE CONTRACTOR SHALL INSPECT THOROGOGY ALL MATERIAL AND EQUIPMENT FORTO TO THAN INSTALLATION DAMAGES DESIGNEDISTS SHALL SHALL OF EN INSTALLED.

EBGRGE SEGINATION END AND THE PROPERTY OF BUILDING AND DETERMINE THE EXISTING PROPERTY OR BUILDING AND DETERMINE THE EXISTING FINISHES, SPECIALTIES, EQUIPMENT AND OTHER ITEMS WHICH MUST BE REMOVED AND REINSTALLED IN ORDER TO PERFORM THE WORK UNDER THIS CONTRACT. THE CONTRACTOR MUST VERIFY ALL DIMENSIONS, CONDITIONS AND ELEVATIONS BEFORE STARTING WORK, NO EXTRA CHARGE OR COMPENSATION SHALL BE ALLOWED DUE TO DIFFERENCES BETWEEN ACTUAL DIMENSIONS AND DIMENSIONS INDICATED ON THE CONSTRUCTION PRAININGS. ALL WORK SHALL BE PERFORMED IN A WORKMANIEW AMMERIEN ACCORDANCE WITH ACCEPTED CONSTRUCTION PRAININGS.

DEMANDATINE MANUELY MALCOSANCE. WITH ALCEST FILE CORREST MICE IN PROJECTION FACILITY.

SEMENTING AND BY OFF THE WORK IT RESPONSE TO CONTRACTOR ACKNOWLEDGE THAT HE HAS THOROUGHLY REVIEWED AND UNDERSTOOD THE CONTRUCTION DOCUMENTS, VISITED THE SITE, AND IS FAMILIAR WITH THE CONDITIONS ENCOUNTERED AT THE SITE.

ECONTRACTOR, IF AWARDED THE CONTRACT, WILL, NOT BE ALLOWED ANY EXTRA COMPENSATION BY REASON FOR ANY MATTER OR THING THE CONTRACTOR MIGHT NOT HAVE FLUX PERFLORED PRICE TO BROWN.

PLACE FROM PROVINCE OF CONTRACT, WILL, NOT BE ALLOWED ANY EXTRA COMPENSATION BY REASON FOR ANY MATTER OR THING THE CONTRACTOR MIGHT NOT HAVE FLUX PERFLORED PRICE TO BROWN.

PLACE FROM PROVINCE OF CONTRACT, WILL, OR DE ALLOWED ANY EXTRA COMPENSATION BY REASON FOR ANY FAILURE OR OMISSION ON THE PART OF THE CONTRACTOR TO PULFILL THE RE
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TO BLOCKETS OF THE OWNER THAT THE CONTRACTOR IN SUBMITTING HIS BID, WARRANTS THAT HE HAS CAREFULLY EXAMINED THE SITE OF THE PROJECT TO BECOME ACQUIANTED WITH THE SURROUNDING PROPERTIES, THE MEANS OF APPROACH TO THE SITE, THE CONDITIONS OF THE ACTUAL JOB SITE, THE FACILITES FOR DELIVERING, STORING, PLACING, HANDLING, AND THE REMOVAL OF MATERIALS AND EQUIPMENT AND ALL DIFFICULTIES THAT MAY BE ENCOUNTERED DURING THE EXECUTION OF ALL THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

THE LOCATIONS OF EXISTING LINDERGROUND UTILITIES HAVE NOT BEEN VERFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR IS RESPONSIBLE FOR HAVING ALL UNDERGROUND UTILITIES LOCATED WITH THE LIMITS OF CONSTRUCTIONS AND ACCEPTS FULL RESPONSIBILITY FOR ANY AND ALL DAMAGES WHICH MIGHT BE CAUSED BY THE CONTRACTOR'S FAILURE TO LOCATE ALL UNDERGROUND UTILITIES SHOW THE CONTRACTOR SHOULD BE AND ACCEPTS FULL RESPONSIBILITY FOR ANY AND ALL DAMAGES WHICH MIGHT BE CAUSED BY THE CONTRACTOR'S FAILURE TO LOCATE ALL UNDERGROUND UTILITIES SHOW THE CONTRACTOR SHOULD BE ADMINISTRATIVE TO THE CONTRACTOR SHOULD BE ADMINISTRAT

SHOULD DAY ERROR OR INCONSISTENCY APPEAR IN THE DRAWINGS OR SPECIFICATIONS, THE CONTRACTOR BEFORE PROCEEDING WITH THE WORK, MUST MAKE MENTION OF THE SAME TO THE ENGINEER AND OWNER FOR PROPER ADJUSTMENT AND IN NO CASE PROCEED WITH THE WORK IN UNCERTAINTY OR WITH

FIGURI INSTRUCTION.

ONTEXCOR AND BEACH SUBCONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL MEASUREMENTS AT THE SITE BEFORE ORDERING ANY MATERIALS OR DOING ANY WORK NO EXTRA CHARGE OR COMPENSATION SHALL BE ALLOWED DUE TO DIFFERENCES BETWEEN ACTUAL DIMENSIONS ATED ON THE CONSTRUCTION DRAWINGS. ANY DISCREPANCY IN DIMENSIONS OF SHALL BE SUBMITTED TO THE ENGINEER AND THE OWNER REPRESENTATIVE FOR CONSIDERATION BEFORE THE CONTRACTOR PROCEEDS WITH THE WORK IN THE AFFECTED AREAS. THE CONTRACTORS WORK SHALL NOT FROM THE FLASS WITHOUT THE EXPRESSED APPROVAL OF THE OWNERS OR DIMENSIONS.

E. PRODUCT MAMES, MANUFACTURER NAMES, CATALO INJURIERS, AND INDICATIONS OF EXISTING PRODUCT TYPES SHOWN ON THE DRAWINGS, ARE BELEVED TO BE ACCURATE. IF THEY ARE DISCOVERED TO BE INACCURATE, NOTHY OWNER-BENGINEERS MIMEDIATELY AND DO NOT PROCEED WITHOUT INSTRUCTIONS.

TO STATINGS CONTRACTORS WITHOUT AND EXTRACT SHALL BE MIMEDIATELY APPRIED OR REPLACING ANY DAMAGES TO NEW OR EXISTING SURFACES, STRUCTURES, PROPERTY, SHRUBBERY, TREES, OR EQUIPMENT, SHALL BE MIMEDIATELY PREPARED OR REPLACING ANY DAMAGES TO NEW OR EXISTING SURFACES, STRUCTURES, PROPERTY, SHRUBBERY, TREES, OR EQUIPMENT, SHALL BE MIMEDIATELY PREPARED OR REPLACING ANY DAMAGED AREAS.

THE CONTRACTOR SHALL TAKE ALL PRECAUTIONARY MEASURES AND EFFORTS TO PROTECT THE STRUCTURAL INTEGRITY OF EXISTING STRUCTURES AND PROPERTIES. WHEN WORK IS PERFORMED IN THE VICINITY OF EXISTING STRUCTURES, THE STRUCTURAL INTEGRITY AND STABILITY SHALL BE MONITORED AT ALL TIMES DURING EVERY PHASE OF THE CONSTRUCTION.

I.P.
PROPERTY LINE MONUMENTATION, ANY MONUMENTATION DISTURBED OR DESTROYED, AS JUDGED BY THE OWNER OR OWNER'S REPRESENTATIVE SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE UNDER SUPERVISION OF A LICENSED LAND SURVEYOR

PARTING NEW SURFACES.

2. THE PLANS SHOWS SUBSIDEFACE STRUCTURES, ABOVE GROUND STRUCTURES, AND/OR UTILITIES BELIEVED TO EXIST IN THE WORKING AREA. THE EXACT LOCATIONS MAY VARY FROM THE LOCATIONS INDICATED. IN PARTICULAR, THE CONTRACTOR IS WARNED THAT THE EXACT OR EVEN APPROXIMATE LOCATION OF SUCH PREVIOUS SUBSIDERACE STRUCTURES, SUBSIDERACE STRUCTURES, AND/OR UTILITIES IN THE AREA MAY BE SHOWN OR MAY NOT BE SHOWN, AND IT SHALL BE THE CONTRACTOR RESPONSIBILITY OF PROCEDED WITH GREAT CARE IN EXCEUTIONS ANY WORK, EXPENDED GROUND, DELIEVED AND ALL THE UNDERGROUND SERVICES ALLEST MAY THE MEMBRIAN REQUIRED BY LAW.

13. IN THE EVENT THAT THE CONTRACTOR DAMAGES ANY EXSTEMS AUXILIARIES STRUCTURES, AND AND ALL THE UNDERGROUND SERVICES ALLEST THAT THE MEMBRIAN REQUIRED BY LAW.

13. IN THE EVENT THAT THE CONTRACTOR DAMAGES ANY EXSTEMS AUXILIARIES STRUCTURES, DUCTOR PRESS. DUCTOR THE FACILITIES, THE CONTRACTOR SHALL NOTIFY THE RELEVANT THE LOCAL JURISDICTION AND THE UTILITY OWNER MEMBRIAN ACTIVITY AND ALL THE STRUCTURES, DUCTOR PRESS. DUCTOR PRESS. DUCTOR SHALL NOTIFY THE RELEVANT THE LOCAL JURISDICTION AND THE UTILITY OWNER MEMBRIAN ACTIVITY AND ALL THE STRUCTURES, DUCTOR PRESS. DUCTOR PRESS. DUCTOR SHALL NOTIFY THE RELEVANT THE LOCAL JURISDICTION AND THE UTILITY OWNER MEMBRIAN ACTIVITY ASSESSMENT AND ACTIVITY ASSESS

CONTRACTOR WITH TEXTAGE SEVERY, WATER OF A WORLD FOR MAY OTHER UTILITY AS ENCOUNTED AND AN OTHER UTILITY AS A POINT WHERE IT NO LONGER CONFLICTS WITH THE DEEDLING WAS THE CONTRACTOR IS TO REMOVE THE UTILITY AND CAP, PLUG, OR OTHERWISE PROPERLY TERMINATE THE UTILITY AT A POINT WHERE IT NO LONGER CONFLICTS WITH THE WORLD FOR THE UTILITY WORLD FOR THE UTILITY AND AND ADDRESS WAS THE UTILITY AS A POINT WHERE IT NO LONGER CONFLICTS WITH THE UTILITY CONFLOWN THE UTILITY CONFLOWN THE UTILITY WORLD FOR THE UT

16. ALL UILTY WORK INDULING COMECTIONS TO EXISTING SYSTEMS SYS ALL CUTS ON CONCRETE SIDEWALKS SHALL BE MADE FROM THE NEAREST JOINT OR SCORE LINE ON ONE SIDE OF THE EXCAVATION, TO THE NEAREST JOINT OR SCORE LINE ON THE OTHER SIDE OF THE EXCAVATION.

22. ALL CUTS ON CONCRETE SIGNALLS SHALL BE MADE FROM THE HARREST JONN OR SOCIET LINE CONTROL TO THE RANGEST JONN OR SOCRET LINE ON THE OTHER SIGE OF THE EXCAVATION.

ALL CLUTS ON BROKE SIGNALMAS SHALL BE MADE BY NATHY SOURAINS ALL BEGS OF THE EXCAVATION OF THE NEWS TO THE WAY OF THE EXCAVATION AND THE INTERPRET OF THE STORE AND SAFELY STORED. SAFE STORED MAY INCLUDE STORAGE BY THE CONTRACTOR OR WITH AND THE RECEIVED AND SAFELY STORED. SAFE STORED MAY RECLIVE AS DIRECTED BY THE LORD STORED AND SAFELY STORED. SAFE STORED MAY RECLIVE AS DIRECTED AND THE LORD STORED MAY RECLIVE AS DIRECTED AND SAFELY STORED. SAFE STORED MAY RECLIVE AS DIRECTED AND SAFELY STORED MAY RECLIVE AND SAFELY STORED MAY BE AND SAFELY STORED MAY RECLIVE AND SAFELY STORED MAY BE AND SAFE

1.1 ACCESS
1. DOORDANTE WITH THE SITE OWNER AND/OR LOCAL JURISDICTION REGARDING THE CONSTRUCTION SCHEDULE & SITE ACCESS. ENSURE THAT THE OWNER OF PARENT PARCEL IS NOTIFIED IN WRITING OF CONSTRUCTION ACTIVITIES.
2. THE CONTRACTOR SHALL COORDINATE ALL SPECIAL CONSIDERATIONS OF CONSTRUCTION SUCH AS NOISY OFFINION, INTERRUPTION OF ANY MECHANIQUE, AND/OR ELECTRICAL SERVICES, MATERIAL DELIVERIES AND STORAGE, STAGING AREA, CRAINE LIFTS, ETC. WITH THE PROPERTY OWNER OWNERS REPAIR AND OR LOCAL JURISDICTION FROM TO THE STATA OF WORK.

4. THE CONTRACTOR SHALL COORDINATE WORK HOURS & STAGING AREAS WITH PROPERTY OWNER, PROPERTY OWNERS REPRESENTATIVE, AND/OR LOCAL JURISDICTION.
5. CONTRACTOR TO NOTIFY PROPERTY OWNER OF THE CONSTRUCTION START DATE WELL IN ADVANCE OF CONSTRUCTION.

1.2 SITE MAINTENANCE

REBINDS, STRINNES, OR RESULTING MATERIALS, FROM NEW AND EXISTING SURFACES IMMEDIATELY, REMOVE HAZARDOUS ACCUMULATIONS OF DEBRIS PROMPTLY, AT LEAST DAILY, CONFINE DUST PRODUCING OPERATIONS DURING CUITING, DRILLING, PAINTING AND PRISHING. THERE SHOULD BE NO OVER SPRAYING PAIN DEBRISHED AND ACCUMULATIONS OF DEBRIS PROMPTLY, AT LEAST DAIL STRIN. 2. THERE SHALL NOT BE ANY CREATION OF NOISE OUTSIDE THE NORMAL HOURS MANDATED BY THE LOCAL JURISDICTION AND THE PROPERTY OWNER OR OWNER'S REPRESENTATIVE, UNLESS OTHERWISE AGREED UPON WITH THE LOCAL JURISDICTION AND PROPERTY OWNER OR OWNER'S REPRESENTATIVE. NOISE SHOUL KEPT TO A MINIMUM THROUGHOUT CONSTRUCTION.

2. THEORY TO A MINIMAN THROUGHOUT CONSTRUCTION.

3. MOSE AND EXTINA BUILDINGS STRUCTURE VIREATION GENERATED BY THE CONSTRUCTION PROCEDURES, EQUIPMENT, TOOLS AND OPERATIONS ARE TO BE VERY TO A PRACTICABLE MINIMAN. WHERE USE OF HIGH NOISE LEVEL EQUIPMENT IS UNAVOIDABLE, AND CAN BE HEARD, CONFINE TO HOURS MANDATED BY JURISDICTION AND THE PROPERTY OWNERS OR CONFINES REPRESENTATIVE.

4. THE CONTRACTOR IS TO PROVIDE PORTHALE FIRE EXTINGUISHERS WITH A RATING OR NOT LESS THAN 2.4 OIZ ABOUTHIN THE LOCAL JURISDICTION AND PROPERTY OWNER OR OWNERS REPRESENTATIVE.

4. THE CONTRACTOR IS REPROVIDED FOR MAINTAINING A NALT AND ORDERS'S THAN 2.4 OIZ ABOUTHIN THE TO FRAVE. TO ALL PORTIONS OF THE CONSTRUCTION AREA.

5. THE CONTRACTOR IS REPROVIDED FOR MAINTAINING A NALT AND ORDERS'S SERVICES, CONSTRUCTION EQUIPMENT, TOOLS AND PRACTICES, SUPPLIES AND ALL POREIGN SUBSTANCES. REMOVE PETROCHEMICAL SPILLS, STANS AND OTHER FOREIGN DEPOSITS. RAKE GRE SMOOTHE EVEN FACE AND ALL PROPERTY OF AREA, PRE-SENCES AND OTHERS PROCESS. CLOSAL PROPERTY OF THE ALL PROPER

P. DEMOLITION AND EXISTING STRUCTURAL ALTERATION

1 DEMONITOR SPECING SEASON SHAPE OF THE DEMONITOR SPACES OF THE DEMONITOR AND CONSTRUCTION AND SHALL PROVIDE, IF REQUIRED, SIGNED AND SEALED SHOP DRAWINGS, REGISTERED PROFESSIONAL ENGINEER FOR THE SHORING OF ALL WALLS, BEAMS, SLABS, ROOF JOISTS, OR OTHER ELEVATED STRUCTURAL ITEMS, THAT ARE HAVING SUPPORT NOTED FOR DEMONITOR. 2. ANY DAMAGE DUE TO DEMOLITION, OR OTHER CONSTRUCTION ACTIVITIES, DONE TO ANY EXISTING SURFACE TO REMAIN SHALL BE REPAIRED TO MATCH EXISTING AT NO ADDITIONAL COST TO THE OWNER. 2 CUTTING & PATCHING

17 SOLTIMES APPLICATE

TO NOTIFIES A PRINCIPATION OF SUBSTRING FLOOR, JOSTES, SEMAN, COLUMNS OF OTHER STRUCTURAL ELEMENTS INJUSTED OFFILE SHEED, ALSO WHERE A PROPOSE. CODE SHELL OFFICIALLY NUMBER OF PROPER SIZE FOR COME
DUCTS, PRES AND OTHER TELBS PASSING THROUGH OPENINGS MAY OF LINE WHITE PROPER SHEED OF PROPER SIZE FOR COME
DUCTS, PRES AND OTHER TELBS PASSING THROUGH OPENINGS MAY OF LINE WHITE PROPER SHEED OF PROPER SHEED OF THE WORK AND OTHER TELBS PASSING THROUGH OPENINGS MAY OF LINE WHITE SHEED OFFI THROUGH OFFI THROUGH OPENINGS MAY OFFI THROUGH OFFI TH

5. REPAIR ALL METAL SURFACES THAT HAVE BEEN CUT OR DAMAGED BY REMOVING ANY EXISTING RUST AND APPLYING COLD GALVAN

3. SITE WORK

3.1 CLEARING AND GRUBBING
1. CLEARING OF TREES AND VEGETATION ON THE SITE SHOULD BE HELD TO A MINIMUM. ONLY TREES NECESSARY FOR THE CONSTRUCTION OF THE FACILITY SHALL BE REMOVED. ANY DAMAGES TO PROPERTY OUTSIDE THE CONSTRUCTION UNIT SHALL BE REPAIRED OR REPLACED AT THE CONTRACT

2 THE CONTRACTOR SHALL PROTECT EXISTING TRESS, VEGETATION, LANGSCAPING, MATERIALS AND SITE IMPROVEMENTS NOT SCHEDULED FOR CLEARING OR REMOVAL WHICH MIGHT BE DAMAGED BY CONSTRUCTION ACTIVITIES
3. TIRM LIGHT SHEES AND VEGETATION AS RECOMMENDED BY THE ABSOINST FOR PROTECTION DURING SIG

5. STRIP AND STOCKPILE TOPSOIL. 6. PROTECT TEMPORARILY ADJACENT PROPERTY, STRUCTURES, BENCHMARKS, AND MONUMENTS.

7. MARK DESIGNATED TREES AND VEGETATION DURING CONSTRUCTION AC

8. PROVIDE TEMPORARY EROSION CONTROL, SILTATION CONTROL AND DUST CONTROL

9. REMOVE AND LEGALLY DISPOSE OF CLEARED MATERIALS.

3.2 EXCAVATION AND BACKFILL

* EXCUSATION AND SHAPPING THE STEEL FOR BACK FILL OF THE SITE SHALL BE INCLUDED IN THE BID. EXCESS TOPSOIL AND UNSUITABLE MATERIAL SHALL BE DISPOSED OF OFF-SITE AT A LOCATION APPROVED BY GOVERNING AGENCIES PRIOR TO DISPOSAL ALL SUITABLE BOORROW MATERIAL FOR BACK FILL OF THE SITE SHALL BE INCLUDED IN THE BID. EXCESS TOPSOIL AND UNSUITABLE MATERIAL SHALL BE DISPOSED OF OFF-SITE AT A LOCATION APPROVED BY GOVERNING AGENCIES PRIOR TO DISPOSAL

2 BROKEN PAVEMENT, STONES GREATER THAN THREE (3) INCHES IN DIAMETER, ROOTS AND OTHER DEBRIS SHALL NOT BE USED IN BACKFILL. NO MATERIAL SHALL BE LEFT IN THE PUBLIC RIGHT-OF-WAY ONCE WORK HAS BEEN COMPLETED 3. EXCAVATED MATERIAL SHALL BE REMOVED FROM THE WORK SITE AND DISPOSED OF IN A MANNER SUCH THAT INTERFERENCE WITH AND OBSTRUCTION TO VEHICULAR AND PEDESTRIAN TRAFFIC IS MINIMIZED.

4. PRIOR TO BACKFILLING. THE CONTRACTOR SHALL NOTIFY THE LOCAL JURISDICTION IF REQUIRED AND ALLOW ADEQUATE TIME FOR INSPECTION.

4. PROCE TO BANAPALING, THE CUNTINGLOS SHALL BOTF THE LOCAL_UNBISIDLING IF REQUIRED AND ALL DATE OF THE SELECTED FILL STANDARD AS SHOWN BELOW, UNLESS STRICTER REQUIREMENTS ARE IMPOSED BY THE OWNER'S REPRESENTATIVE, GETTECHNICAL SHOWN BELOW, UNLESS STRICTER REQUIREMENTS ARE IMPOSED BY THE OWNER'S REPRESENTATIVE, GETTECHNICAL REPORT RECOMMENDAL AURISDICTION(S).

SIEVE DESIGNATION PERCENT PASSING

THE USE OF CONTROLLED DESITY FLL (CDF) MAY BE MANDATED BY THE OWNER'S REPRESENTATIVE, GEOTECHNOOL, REPORT RECOMMENDATION, OR BY THE LOCAL JURISDICTION. IF CONTROLLED DESITY FLL IS MANDATED, IT SHALL CONFORM TO THE REQUIREMENTS SPECIFIED BY OWNER'S REPRESENTAT GEOTECHNICAL REPORT RECOMMENDATIONS, OR THE REQUIREMENTS OF THE LOCAL JURISDICTION, WHICHEVER IS MORE STRINGENT.

A THE COFF RECOMMENDATIONS, OR THE REQUIREMENTS OF THE LOCAL JURISDICTION, WHICHEVER IS MORE STRINGENT.

A THE COFF RECOMMENDATIONS, OR THE LOCAL JURISDICTION, WHICHEVER IS MORE STRINGENT.

PORTLANT CEMENT

THE CDF MUST MEET THE FOLLOWING REQUIREMENTS COMPRESSIVE STRENGTH AT 28 DAYS: 30-80 PSI (210-550kPa COMPRESSIVE STRENGTH AT 90 DAYS: 100 PSI MAX. (700 kPa MAX.)

10-12 INCHES (250-300 MM) 1%-3% · EXCAVATION, TRENCHING, FILLING, COMPACTING AND GRADING FOR STRUCTURES

· ALL MATERIALS FOR SUB-BASE, DRAINAGE FILL, BACK FILL, GRAVEL FOR SLABS, PAVEMENT AND IMPROVEMENTS · ROCK EXCAVATION WITHOUT BLASTING.

 SUPPLY OF ADDITIONAL MATERIALS FROM OFF SITE AS REQUIRED. FILL LAYERS THAT REQUIRE COMPACTION SHALL HAVE A MAXIMUM THICKNESS OF 6 INCHES.

5. THE COMPACTING UNDER STRUCTURES, BUILDING SLABS, STEPS, PAVEMENT AND WALKWAYS SHALL BE 95% MAXIMUM DENSITY, ASTM D-1557. TESTED IN EACH OF THE COMPACTING LAYERS AT EACH COMPACTING SITE, OR AT LEAST IN EACH 100 CU. YARDS OF MATERIAL VOLUME. 6. IF A LAYER OF CONCRETE, COBBLESTONE, GRANITE PAVERS, OR OTHER SUPPORTING MATERIAL EXISTS, CONTRACTOR SHALL INSTALL CONCRETE TO MATCH THE EXISTING DEPTH PRIOR TO INSTALLATION OF TEMPORARY PAVEMEN

7. WHEN BACKFILL CANNOT EFFECTIVELY BE COMPACTED TO 95% MAXIMUM DENSITY DUE TO MULTIPLE CONDUITS. DUCTS OR PIPES. CONTROLLED DENSITY FILL (CDF) MAY BE REQUIRED.

8. THE COMPACTING UNDER LAWNS OR UNPAVED AREAS SHALL BE 85% MAXIMUM DENSITY. ASTM 01557 GRAVEL SHALL BE PLACED UP TO THREE (3) INCHES BELOW GRADE OF EXISTING ASPHALT, TO ALLOW ROOM FOR THREE (3) INCHES OF COMPACTED HMA TEMPORARY SURFACE.

2. CONCRETE SIDEWALKS SHALL BE PLACED ON A BED OF SIX (6) INCHES OF COMPACTED GRAVEL CURB STONES MUST BE PLACED ON A BED OF SIX (6) INCHES OF CRUSHED STONE

THE COMPACTED LAYERS SHALL NOT EXCEED 8 INCHES.
 AREAS THAT DO NOT MEET ASTM D-1557 REQUIREMENTS MUST BE RECOMPACTED AT THE CONTRACTOR'S EXPENSE.

I ALL TRENCH EXCAVATIONS AND ANY REQUIRED SHEETING AND SHORING SHALL REDONE IN ACCORDANCE WITH OSHA REQUIRED SHEETING AND SHORING SHALL REDONE IN ACCORDANCE WITH OSHA REQUIRED SHEETING AND SHORING SHALL REDONE IN ACCORDANCE WITH OSHA REQUIRED SHEETING AND SHORING SHALL REDONE IN ACCORDANCE WITH OSHA REQUIRED.

12. WHERE UNSTABLE SOIL CONDITIONS EXIST, LINE THE GRUBBED AREAS WITH GEOTEXTILE FABRIC (MIRAFL 500X OR APPROVED EQUIVALENT) PRIOR TO PLACING FILL OR BASE MATERIAL

FEM-LISTINGS IS PRICED BY SHEET OF SHEE

16. BACK FILL SHALL USE APPROVED MATERIALS CONSISTING OF LOAM, SANDY CLAY, SAND, GRAVEL, OR SOFT SHALE AND SHALL BE FREE FROM CLODS OR STONES OVER 2 1/3 7. AFTER COMPLETION OF THE FOUNDATION AND OTHER CONSTRUCTION BELOW GRADE AND BEFORE BACKFILLING, ALL EXCAVATIONS SHALL BE CLEAN OF UNSUITABLE MATERIALS SUCH AS VEGETATION, WOOD, DEBRIS, TRASH, AND ANY FOREIGN MATERIAL

3.3 DRAINAGE THE CONTRACTOR SHALL PROTECT ALL STORM DRAIN AND SEWER APPURTENANCES ADJACENT TO AND WITHIN THE CONSTRUCTION SITE. THE PROTECTION USED SHALL PREVENT THE DISCHARGE OF POLLUTANTS, SEDIMENT, AND/OR DEBRIS INTO ANY PORTION OF THE STORM DRAIN AND/OR SEWER SYSTEM

2. CONSTRUCTION DEBRIS SUCH AS DIRT, TRASH, ROCK, SEDIMENT, SAND, AND OTHER POLLUTANTS SHALL NOT BE ALLOWED TO ACCUMULATE IN THE STORM DRAIN OR SEWER CONVEYANCE SYSTEMS 3. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING POSTIVE DRAINAGE AWAY FROM BUILDING OR EQUIPMENT ON THE SITE AT ALL TIMES. SLT AND EROSION CONTROL SHALL BE MAINTAINED ON THE DOWNSTREAM SIDE OF THE SITE AT ALL TIMES. STORM WATER FLOW SHALL NOT BE IMPEDED. ANY DAMAGE TO ADJAC DEPOSEDTED SIN UNIT BE CONFEDERED TO A THE CONTRACTOR SEPENSIS.

- PLANS PREPARED FOR: extenet UR NETWORK

- PLANS PREPARED BY: •



21 Oxford Rd Mansfield, MA 0204 www.piketelecom.or 1-508-337-7600

LOCATION

280 BEACON ST. BOSTON, MA 02116 SUFFOLK COUNTY

PE STAMP AREA:

DRAWING NOTES: -

ORIGINAL PLAN AS NOTED DRAWN BY: PLAN ORIG. DATE: 8/10/20

REVISIONS.			
REV	DESCRIPTION	BY	DATE
0	UPDATE ANT. CONFIG.	ECF	03/03/21
1	UPDATE EQUIPMENT	МВ	10/28/21

LAT: 42.353175 LONG: -71.081165
EXTENET NODE ID:
BB_08_new
SITE ADDRESS:
280 BEACON ST.

SITE INFO:

SHEET TITLE:

SHEET NUMBER:

GENERAL NOTES

GN-1

6.4 ENCLOSURESWINESWIYS
1. EQUIPMENT COMBERTS, TERRIMANE BOXES, JUNCTION BOXES AND PULL BOXES SHALL BE GAL VANIZED OR EPOXY-COATED SHEET STEEL. SHALL MEET OR EXCEED UI. 50, AND BE RATED NEWN 1 (OR BETTER) INDOORS OR NEWN 3R (OR BETTER) OUTDOORS. 2. WIREWAYS SHALL BE EPOXY-COATED (GRAY) AND INCLUDE A HINGED COVER AND RATE NEMA 1 (OR BETTER 3. JUNCTION BOXES: JUNCTION BOXES SHALL BE A MINIMUM SIZE OF 4 INCHES SQUARE BY 1-1/4 INCHES DEEP. OSION CONTROL MEASURES MAY BE REQUIRED IN ADDITION TO THOSE SHOWN ON DRAWINGS WHERE DETERMINED NECESSARY BY ACTUAL SITE CONDITIONS. S JUNES, SELECT AND CHARGE AND CH CONCRETE 1 GENERAL SERIOR DESIGNATION OF ALL CONCRETE ELEMENTS SHALL CONFORM TO THE LATEST EDITIONS OF THE FOLLOWING APPLICABLE CODES:

A CAL 301. - SECCEPLATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS

A CAL 301. - GUIDE FOR MEASURING, MINNEY, TRANSPORTING, AND PLACING CONCRETE

A CAL 301. - GUIDE FOR CONSOLUZATION OF CONCRETE

A CAL 301. - SILULIFOR CODE REQUIREMENTS FOR REINFORCED CONCRETE

A CAL 301. - SILULIFOR CODE REQUIREMENTS FOR REINFORCED CONCRETE

A CAL 301. - SILULIFOR CODE REQUIREMENTS FOR REINFORCED CONCRETE

A CAL 301. - SILULIFOR REINFORCED CONCRETE (IF SPECIFIED)

MIX CESSOLI SHALL BE APPROVED BY THE OWNERS REPRESENTATIVE AND/OR REQUIREMENTS OF THE LOCAL JURISDICTION PRIOR TO POURING CONCRETE. 3 PROVICE APPROPRIATION AS CHARGENGO FROM THE ANALYSIS OF PENETRATION RECEIVED NO IS SEALED FROM TO INSTITUTION AND PROVIDED FROM THE ANY TO SEAL CHARGEN OF CONCRETE: SMAL MEET THE FOLLOWING REQUIREMENTS: 6% AIR ENTRAINED (1-1-15%) WITH A MAXIMUM OF 4-1/2 SLUMP, AND HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 4000 PSI UNLESS OTHERWISE NOTED. THE USE OF MINERAL ADDITIVES OR SUPPLEMENTS IS PROHIBITED. WATER MAY BE ADDED TO THE MIX IN ACCORDANCE WITH ASTM COLVE. 46 CONDUCTIONS

1. USE 69% CONDUCTIVITY COPPER WITH TYPE WHARE? INSULATION, 60 YOLT, COLOR CODED, USE SOLD CONDUCTORS FOR WIRE UP TO AND INCLUDING NO. 8 AWG, STRANDED CONDUCTORS FOR WIRE LARGER THAN NO. 8 AWG, USE PRESSURE-TYPE INSULATED TWIST-ON CONNECTORS FOR NO. 10 AWG AND SMALLER SOLDERLESS AS TERMINAL LUCGS FOR NO. 10 AWG AND LARGER ALLIMINAL OCNOLOTORS SHALL NOT BE USED.

2. NOR X. LOC ROBORIC CALLE SHALL BE PERMITTED.

3. EACH BOD OF EVERY POWER, GROUNDING AND TI CONDUCTOR AND CABLE SHALL BE LABELED WITH COLOR-CODED INSULATION OR ELECTRICAL TAPE (AM BRAND, X. INCH PLASTIC ELECTRICAL TAPE WITH UV PROTECTION, OR EQUAL). THE DESTRIPCTION METHOD SHALL CONFORM WITH NEC AND OSHA AND MATCH EXISTING REQUIREMENTS. 6.7 ELECTRICAL SERVICE
 GENERAL: COMPLY WITH AND CO-ORDINATE ALL REQUIREMENTS OF THE UTILITY COMPANY
 TO SERVICE ALL REQUIREMENTS OF THE UTILITY COMPANY
 TO SERVICE ALL REQUIREMENTS OF THE UTILITY COMPANY FIBROUS REINFORCEMENT ASTM C1116 (IF SPECIFIED) 2. SHORT CIRCUIT RATINGS: PROVIDE EQUIPMENT WITH HIGHER FAULT CURRENT RATINGS AS NEEDED TO MATCH UTILITY COMPANY AVAILABLE FAULT CURRENT 2. SHORT DIRECTION RATINGS: PROVIDE EQUIPMENT WITH HORIER PAULT CURRENT RATINGS AND REFERED TO MATCH UTILITY COMPANY AVAILABLE FAULT CURRENT.

A CONTRACTOR OF NEAT CURRENT AND ENDING THAT CURRENT RATINGS AND REFERED TO MATCH ADDRESS AND REFERED THAT CURRENT (AT A MANIFEMAN ALL EXPONDED THE 1000 AC).

4. THE CONTRACTOR IS RESPONSIBLE FOR MANIFEMAN ARRANGEMENTS WITH THE ELECTRIC UTILITY SELECTION UTILITY ELECTRIC UTILITY CONTRACTOR THAT CONTRACTOR AND ALL ASSOCIATED FEES.

5. IDENTIFICATION DESIGNS PROVIDED TO MEMBER WITH FERMANENT NUMBER ATTER.

6. THE LOCATION SHOWN FOR A UTILITY POLE OR CONNECTION TO NEW UTILITIES IS FOR CONCEPTIVAL USE ONLY. THE CONTRACTOR SHALL COORDINATE THE ACTUAL LOCATION WITH THE ELECTRIC UTILITY.

7. LOCATION AND ARRANGEMENTS: DRIVINGS ROICLETE DUGGRAMMATICALLY THE DESIRED LOCATION OF EQUIPMENT, FIXTURES, OUTLIETS, ETC., AND ARE NOT TO BE ESCALED. PROPER JUDGRAMM THE EXECUTION TO BISSUAR THE SECTION SHALL BE EXERCISED IN THE EXECUTION TO BISSUAR THE SECTION SHALL BE EXERCISED AND AND ARRANGEMENTS. DRIVINGS ROICLETE DUGGRAMMATICALLY THE DESIRE OF CONTRACTORS AND ARRANGEMENTS. DRIVINGS ROICLETE DUGGRAMMATICALLY THE DESIRE OF CONTRACTORS AND ARRANGEMENTS. DRIVINGS ROICLETE DUGGRAMMATICAL ROOT DRIVE SCALED. PROPER JUDGRAMMATICAL ROOD PRINCIPLE AND ARRANGEMENTS. DRIVINGS ROICLETE DUGGRAMMATICAL ROOT DRIVE SCALED. PROPER JUDGRAMMATICAL ROOD PRINCIPLE AND ARRANGEMENTS. SCALED PROPER JU REINFORCING DETAILS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF ACI 315. REINFORCING STEEL SHALL CONFORM TO ASTIM A 615, GRADE 60, DEFORMED UNLESS OTHERWISE NOTED, WELDED WIRE FABRIC SHALL CONFORM TO ASTIM A 165 WELDED WIRE FABRIC UNLESS OTHERWISE NOTED. SPLICES SHALL BE CLASS "8" AND ALL HOOKS SHALL BE STANDARD, U.N.O. THE FOLLOWING MINIMUM CONCRETE COVER SHALL BE PROVIDED FOR REINFORCING STEEL UNLESS SHOWN OTHERWISE ON DRAWINGS: CONCRETE CAST AGAINST EARTH: 3 IN
 CONCRETE EXPOSED TO EARTH OR WEATHER: CONCRETE DOPOSED TO GARTH OR WEATHER:
 #8 AND LARGER 2 N
 #8 AND SMILLER AND WIR! 1's N
 #8 AND SMILLER AND WIR! 1's N
 CONCRETE DOT DEPOSED TO FARTH OR WEATHER OR NOT CAST AGAINST THE GROUND:
 \$\text{SLABS AND SMILL S' N}
 \$\text{SLABS AND SMILL SMILL SEPOSED BOSES OF CONCRETE, U.N.O., IN ACCORDANCE WITH ACT 301 SECTION 4.2.4
 \$\text{SLABS AND SMILL S' N}
 \$\text{ 6.8 CHECKOUT. TESTING AND ADJUSTING
1. CORRECTION/REPLACEMENT: AFTER TESTING BY CONTRACTOR, OWNER OR ENGINEER, CORRECT ANY DEFICIENCIES AND REPLACE MATERIALS AND EQUIPMENT SHOWN TO BE DEFECTIVE OR UNABLE TO PERFORM AT DESIGN OR RATED CAPACITY. 2 POWER CONDUCTORS: CONTRACTOR SHALL CONDUCT A CONTINUITY AND INSULATION TEST ON CONDUCTORS BETWEEN SERVICE DISCONNECT SWITCH AND LOAD CENTER
3. WHEN SITE POWER IS DERIVED FROM 3.3-PHASE SOURCE, LOAD READINGS WILL BE TAKEN AND RECORDED TO MAINTAIN A BALANCED LOAD AT THE PRIMARY SOURCE. RECORDS SHALL BE RETURNED TO THE OWNERS REPRESENTATIVE. 49 PACEMENT SYSTEMSCONDUIT TO RIGID GALVANIZED STEEL CONDUIT OR SCHEDULE 40 PVC CONDUIT BEFORE RISING ABOVE GRADE OR CONCRETE SLAB. EXPOSED GALVANIZED STEEL (RSS) CONDUIT OR SCHEDULE 40 PVC CONDUIT. BEFORE RISING ABOVE GRADE OR CONCRETE SLAB. EXPOSED GALVANIZED STEEL (RSS) CONDUIT OR SCHEDULE 80 PVC CONDUIT. CALLWAZED STEEL, (ROS) CONDUT OR SOMEDLE SE PVC CONDUIT.

2. GRS CONDUITS, WHICH SPECFED, SOME LIKE THE LAFE ALL FITTINGS SHALL BE SUTFABLE FOR USE WITH THREADED RIGHD CONDUIT.

3. ELECTRICAL METALLE O'THING (SHIT) OR RIGHD, NONMETALLE CONDUIT (RIGHD PVC SCHEDULE 40, OR RIGHD PVC SCHEDULE 40 FOR LOCATIONS SUBJECT TO PHYSICAL DAMAGE) SHALL BE USED FOR CONDUITS.

4. ELECTRICAL METALLE O'THING (SHIT) OR RIGHD NONMETALLE CONDUIT (RIGHD PVC SCHEDULE 49) SHALL BE USED FOR CONDUITS.

5. LICALID-TICHT FLEXIBLE METALLE CONDUIT (BUDDOTTE FLEX) SHALL BE USED FOR CONDUITS.

6. LICALID-TICHT FLEXIBLE METALLE CONDUIT (BUDDOTTE FLEX) SHALL BE USED NOCOSS AND OUTDOORS, WHERE VERATION COCURS OR FLEXIBILITY IS NEEDED.

7. PLUG AND CO-POCH THOS OF SHALL BE MINIMAN OF PANCH FROM THE OSS SHALL BE SHALL BE TO SHALL BE AND THE OSS SHALL BE MINIMAN OF PANCH FROM THE OSS SHALL BE SHALL BE TO SHALL ONCRETE FOR REPLACEMENT CONCRETE SIDEWALKS OR DRIVEWAYS SHALL BE PLACED TO A THICKNESS NOT LESS THAN 6°, AND NOT MORE THAN THE THICKNESS OF THE ADJACENT CONCRETE SIDEWALK OR DRIVEWAY. ALL DOWELS, ANCHOR BOLTS, EMBEDMENT STEEL ELECTRICAL CONDUITS, PIPE SLEEVES, GROUNDS AND ALL OTHER EMBEDDED ITEMS AND FORMED DETAILS SHALL BE IN PLACE BEFORE START OF CONCRETE PLACEMENT. LOCATE ADDITIONAL CONSTRUCTION JOINTS REQUIRED TO FACILITATE CONSTRUCTION AS ACCEPTABLE TO ENGINEER. PLACE REINFORCEMENT CONTINUOUSLY THROUGH JOIN REINFORCEMENT SHALL BE COLD BENT WHEN BENDING IS REQUIRED. PLACE CONCRETE IN A UNIFORM MANNER TO PREVENT THE FORMATION OF COLD JOINTS AND OTHER PLANES OF WEAKNESS, VIBRATE THE CONCRETE TO FULLY EMBED REINFORCING, DO NOT USE VIBRATOR TO TRANSPORT CONCRETE THROUGH CHUTES OR FORMWORK DO NOT PLACE CONCRETE IN PONDING WATER, ICE, OR ON FROZEN GROUND. 6.10 BELOW GRACE.
1. THIS STEE REQUISES NEW CONTION. LINDERGROUND SERVICE DISCUSSED PRODUCT THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO AVOID SERVICE DISCUSTON TO THESE FACILITIES. THE CONTRACTOR SHALL ALSO CO THER CONCRETE PLACEMENT, CONFORM TO APPLICABLE ACI CODES AND RECOMMENDATIONS. IN EITHER CASE, MATERIALS CONTAINING CHLORIDE, CALCIUM, SALTS, ETC. SHALL NOT BE USED. PROTECT FRESH CONCRETE FROM WEATHER FOR 7 DAYS MINIMUM ELECTIC AND TELEPHONE, AND ALL OTHER APPROPRIATE AGENCES PRIOR TO EXCAVATION AT THIS SITE.

2 PRORD TO EXCAVATION A UTILITY MAKE OUT SHALL BE DOED TO LOCATE EXPORT TO LOCATE AND MARKED QUIT PRIOR TO ANY EXCAVATION WORK BEING PERFORMED, PHOTOS SHALL BE TAKEN OF ALL UNDERGROUND UTILITES. ALL UNDERGROUND UTILITES MUST BE LOCATED AND MARKED QUIT PRIOR TO ANY EXCAVATION WORK BEING PERFORMED, PHOTOS SHALL BE TAKEN OF ALL UNDERGROUND WORK AND GIVEN TO THE OWNER OF OWNER PRESENTANCE OUT PRIOR TO ANY EXCAVATION WORK BEING PERFORMED BY HAND AN ACCORDANCE WITH THE COWNERS SPECIFICATIONS. ANY OTHER METHODS OF DISGONOUNST FREST BE APPROVED BY THE CONSTRUCTION MANAGER.

4.ALL TOWN OUT TAKES CONDUIT (BOV OR LESS) SHALL HAVE A MINIMUM BURNAL DEPTH OF 32°.

5. UNDERGROUND CONDUIT SHALL BE ENACED OF CONSETTE IN ACCORDANCE BY SHALL HEY A MINIMUM BURNAL DEPTH OF 32°.

6. ALL BURNED CONDUIT SHALL BE BE EXCED TO SERVED OF CONSETTE MARKEDERS THAT LESS YEAR OF A MINIMUM BURNAL DEPTH OF 32°.

6. ALL BURNED CONDUIT SHALL BE LIBED CETTICAL MARKER TAPE. TAPE SHALL BE PLACED 12° ABOVE CONDUIT FOR ACY IDENTIFICATION. FIBER REINFORCED CONCRETE MIX, IF SPECIFIED, SHALL INCLUDE 1 % LBS. OF FIBER PER CUBIC YARD. WASTE CEMENT FROM CLEANING OF CONCRETE DELIVERY TRUCKS SHALL NOT BE ALLOWED TO ENTER THE STORM DRAIN OR SEWER SYSTEM. FOUNDATION 1 GENERAL GENERAL

LI WORK SHALL COMETY WITH ORNIA AND STATE SAFETY REQUIREMENTS. PROCEDURES FOR THE PROTECTION OF EXCAVATIONS, EXISTING CONSTRUCTIONS AND UTILITIES SHALL BE ESTABLISHED PRIOR TO FOLINDATION INSTALLATION.

PRIOR TO INITIATING EXPERIMENTATION, GROUND WATER AND SEARING FOR ALL EXCAVATION FOR DESTABLES MEET ON BETWEEN

FINE CONTRIBUTIONS HAVE PROVIDE ACCREDITE SLOPEN, SHORPING, AND BROADING FOR ALL EXCAVATION FOR POPICET ADJACENT STRUCTURES AND COMPLY WITH LOCAL CODES, ORDINANCES, OSHA AND ANS REQUIREMENTS.

PRIOR TO CONSTRUCTION OF ANY PERMANENT STRUCTURE, THE SITS SHALL BE STRIPPED OF ALL SURFACE VEGETATION. TO'S DOIL, AND ORGANIC MATERIAL, ALL WET, SOFT, LODES, PROZES, OR OTHERWISE UNDESBRALE SOS STREAMS OF THE FOUNDATION SOLS PROR TO PLACING CONCRETE.

RECONTRIBUTIONS TO PREVENT SHERS, WATER FORM SHETERING EXCOUNTING, PLOUGE, AND FORM TO PROPERTIES SURING METOTION, CONTRIBUTIONS ALS AND RESPONSED FOR FERENCE FOR FEWER STRUCTURES FOR PREVENTING SOFTEMENCE OF THE FOUNDATION SOLS PROR TO PLACING CONCRETE. OSED SUB GRADE SHALL BE PROOFED-ROLLED WITH MEDIUM WEIGHT ROLLERS OR OTHER APPROVED EQUIPMENT TO DETERMINE IF ANY POCKETS OF SOFT, COMPRESSIBLE SOIL EXISTS BELOW THE EXPOSED SUB GRADE. WHEREVER SUCH MATERIAL IS ENCOUNTERED, THE AREA SHALL BE UNDERCUT TO SUITABLE SOIL, AS DIRECTED BY A DED ROLLERS. THE SOLD REPORTING INCLIDING FOOTING EXCAVATION, FILL, BACK FILL, AND COMPACTING SHALL BE DONE FOLLOWING THE RECOMMENDATION CONTRAINED IN INTERNATIONAL BUILDING CODE (2012).
PROPORTINGS OF CONCRETE MAIL DEVOLOGIETE SHALL DEVOLOG 8.12 TRANSIENT YOU TAGE SURPERSSOON (TVSS)
1. TYPES DEVICES FOR POWER PARK UP BETS/ALED AN ALL EXISTING FACULTIES THAT ARE MISSING TYSS DEVICES OR HAVE UNSUITABLE TYPES DEVICES.
2. THE AC POWER COMMON MODE SURGE SUPPRESSOE SHALL BE CONNECTED TO THE COMMERCIAL POWER RIPHT SIDE OF THE MANUAL TRANSFER SWITCH.
3. IN MARKETS WITH LIGHTHAN ZODE > 0.0 THE OF THE STALLED AT ALL SITES BE WITH IN THE NOT AT THE SHITLER OR AS CLOSE AS POSSIBLE TO THE BTS CABINET FOR OUTDOOR SITES, TO PROTECT AGAINST LIGHTING AND TRANSIENT VOLTAGES.
4. AT IT TRANSPORT TYSS DEVICE SHALL BE RETALLED AT ALL SITES BETWEEN THE NITU AND THE BTS. CONCRETE MATERIALS SHALL CONFORM TO THE APPROPRIATE STATE REQUIREMENTS FOR EXPOSED STRUCTURAL CONCRETE. WELDING IS PROHIBITED ON REINFORCING STEEL EMBEDMENTS. MINIMUM CONCRETE COVER FOR REINFORCEMENT SHALL BE 3 INCHES (76MM) UNLESS OTHERWISE NOTED. APPROVED SPACERS SHALL BE USED TO INSURE A 3" (76MM) MINIMUM COVER ON REINFORCEMENT . INVALIDATION OF THE PROPERTIES OF THE PROPERTI 7 GRANDING
TERESTANDING DATA TO THE REPORT OF THE CARRIERS ELECTRICAL AND GROUNDED, MEETS NEC ARTICLE 280 REQUIREMENTS, IS ACCEPTABLE TO THE LOCAL UTILITY AND THE LOCAL AUTHORITY HAVING JURISDICTION, AND MEETS THE CARRIERS ELECTRICAL AND GROUNDING SPECIFICATIONS, FOLLOWING COMPLETION OF WORK, CONDUCTIONS, CONDUCTIONS, SHALL NEED THAT THE SYSTEM IS EFFECTIVELY GROUND TEST PRIOR TO BURNAL. USE CLEAN SAND AND CLAY BACKFLL FOR BURNED GROUND CONDUCTIONS.

ROUND TEST, OWNERS REPRESENTATIVE WILL INSPECT CADWELDS AND REVIEW GROUND TEST PRIOR TO BURNAL. USE CLEAN SAND AND CLAY BACKFLL FOR BURNED GROUND CONDUCTIONS. 2. ALL DETAILS SHOWN ARE DIAGRAMMATICAL ACTUAL GROUNDING INSTALLATION AND CONSTRUCTION MAY VARY DUE TO SITE SPECIFIC CONDITIONS.

3. NOTIFY CONSTRUCTION MANAGER IF THERE ARE ANY DIFFICULTIES INSTALLING THE GROUND SYSTEM D - ALLOWARI E SOIL BEARING PRESSURE = 2000 PS 4. GROUND CONNECTIONS. WHERE GROUND CONNECTIONS ARE MADE. THE CONTACT POINTS SHALL BE THOROUGH.Y CLEANED AND MADE FREE OF FOREIGN MATERIAL SUCH AS PAINT, GALVANIZATION, AND CORROSION, TO ENSURE ADEQUATE BOND. REFER TO EXCTHERMIC WELD, LUGS, AND ANTI-OXDATION COMPOUND NOTES FOR FUR OUNDATION SHALL BE FORMED WITH PLYWOOD OR METAL PANELS SUFFICIENT FOR STRUCTURAL AND VISUAL REQUIREMENTS. FORMS SHALL BE STRUCTURALLY ADEQUATE TO WITHSTAND UNCURED CONCRETE PRESSURE. FORMS SHALL BE REMOVED ONCE CONCRETE HAS ATTAINED 7% OF ITS ULTIMATE STRENGTH.
HE CONTRACTOR SHALL EXPECT SUBMERGED DRILLING CONDITIONS FOR DEEP FOUNDATION CONSTRUCTION SUCH AS DRILLED PIERS OR DEADMAN ANCHORS AND SHALL MOBILIZE ACCORDINGLY. DETAILS.
5. GROUND WIRE-OUTSDELANDERGROUND, MINIMUM NO. 2 AMERICAN WIRE GAUGE (AWG) BARE, SOLID, ANNELLED, TINNED COPPER WIRE (STOW) BUT SIZED IN ACCORDANCE WITH NECT TABLE 250.68, SERVICE SIZE, AND LOCAL UTILITY REQUIREMENTS. UNDER NO CROCIAMSTANCES IS STRANDED WIRE ACCEPTABLE. ALL BURRED WIRE SHALL IN INSTALLED TO MEET IMMINIMUM BIGN DAVIDS. SHAPP BEINDS AND DONES ARE NEVER ACCEPTABLE. ALL BURRED WIRE SHAPP ACCEPTABLE. ALL BURRED WIRE SHAPPED ACCEPTABLE. ALL BURRED WIRE ACCEPTABLE. AND ACCORD. WIRE SHAPPED ACCEPTABLE. AND ACCORD. AND ACCEPTABLE. ALL BURRED WIRE ACCEPTABLE. AND ACCEPTABLE. ALL BURRED WIRE ACCEPTABLE. AND ACCEPTABLE. AND ACCEPTABLE. AND ACCEPTABLE. AND ACCEPTABLE. AND ACCEPTAB OUNDATION INSTALLATION SHALL BE SUPERVISED BY PERSONNEL KNOWLEGGEABLE AND EXPERENCED WITHIN THE PROPOSED FOUNDATION TYPE. CONSTRUCTION SHALL BE IN ACCORDANCE WITH GENERALLY ACCEPTED INSTALLATION PRACTICES.
OUNDATION DESIGN ASSUMES FIELD INSPECTIONS WILL BE PERFORMED TO VERIFY THAT CONSTRUCTION INTERIALS, INSTALLATION METHODS, AND ASSUMED DESIGN PARAMETERS ARE ACCEPTABLE BASED ON CONDITIONS EXISTING AT THE SITE. CONCRETE SHALL BE PLACED IN A MANNER THAT WILL PREVENT SEGREGATION OF CONCRETE MATERIALS, INFLITRATION OF WATER OR SOIL AND OTHER OCCURRENCES WHICH MAY DECREASE THE STRENGTH OR DURABILITY OF THE FOUNDATION.

REE FALL CONCRETE MAY BE USED PROVIDED FALL IS VERTICAL DOWN WITHOUT HITTING SIDES OF EXCHANTION, FORM WORK, REINFORCING BARS, FORM TIES, OR OTHER OBSTRUCTIONS, LINDER NO CIRCUMSTANCES SHALL CONCRETE FALL THROUGH WATER.

COMOINTION DESIGN SASSIMES CONTRIONS, CONCRETE FALLEDEN WITHOUT CONSTRUCTION DOWN.

TOP OF FOUNDATION OUTSIDE LIMITS OF ANCHOR BOLTS SHALL BE SLOPED TO DRAIN WITH A FLOATED FINISH. AREA INSIDE LIMITS OF ANCHOR BOLTS SHALL BE SLOPED TO DRAIN WITH A FLOATED FINISH. R EXCITIFERING WEIDING: EXCITIFERING WEIDS SHALL RE CADWEID A REGISTERED TRADEMARK OF ERCO PRODUCTS INC. OF CLEVELAND CHICL OR THERMOWEID A DIVISION OF CONTINENTAL INDUSTRIES INC. OF THE SA OKLAHOMA OR FOLLIVALENT ED EDGES OF CONCRETE SHALL BE CHAMFERED Wich" (Hemm x 19mm) MINIMUM.

TE CONTACT BETWEEN CONCRETE AND SOIL WALLS OF PAID SESSENTIAL FOR ADDIDUTE FOUNDATION PERFORMANCE. THE CONCRETE SHOULD BE APPROPRIATELY VIBRATED DURING CONSTRUCTION.

TOTAL PROPRIES AND CONCRETE AND SOIL WALLS OF PAID SESSENTIAL FOR ADDIDUTE. AND SHIPLE MOBILIZE ACCORDINGLY.

STRING GROUNDING RINGS AND DEVICES EXPOSED BY EXCAVATION OR REGRADING SHALL BE REPLACED AND PROPERLY CONNECTED TO EXISTING SYSTEM PER NEC OR LOCAL JURISDICTION REQUIREMENTS. 9. GROUND ROD: 588' X 8-FEET (MINIMUM LENGTH) STEEL WITH PURE COPPER JACKET NOT LESS THAN 0.0012 INCHES THICK. GROUND RODS SHALL BE SPACED NO GREATER THAN 15 FT. O.C. AND NO LESS THAN 6 FT. O. 0. GROUND ROD COUPLING: 5/8° GROUND ROD COUPLING MADE OF THE SAME MATERIAL AS THE GROUND ROD TO PREVENT DISSIMILAR METAL HIGH OXIDATION POINTS. C SECRICIO DE SENSO DE CONTRESSO DE SENSO DE CONTRESSO DE SENSO DE CONTRESSO DE CON 2 DELLED SULPT.

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5 DELL CONCRETE COMES THAN LONG LIVER THAN PROPER DISENSITION AND PROTECTION PROJECTION OF CONTROLL FIRST THAN THAN THAN THAN THAN THE CONTROLL OF TAXABLE OF THE CONTROLL OF THE CON 3. INSULATORS: POLYESTER FIBERGLASS, 15 KV MINIMUM DIELECTRIC STRENGTH, FLAME RESISTANT PER UL 94 VO CLASSIFICATION 4. CUPS WHEN SECURING ANY GROUND WIRES, SOLID OR STRANDED, INSULATED OR UNINSULATED, NEVER USE ANY CUPS OR OTHER DEVICES THAT ARE CONDUCTIVE AND FORM A CLOSED LOOP, METALLIC CLIPS ARE ACCEPTABLE IF THEY DO NOT FORM A CLOSED LOOP.

6. GROUND CLAMP, BURNDY GAR STYLE UL CLAMP WITH TWO HOLE PROVISIONS FOR LONG BARREL MULTIPLE CRIMP TWO HOLE LUGS. 16. COXX GROUNDING KIT: COXX GROUND KITS SHALL BE FROM THE SAME MANUFACTURER AS THE COXX. GROUND KITS SHALL BE SOLD STRAP TYPE WITH NO. 6 AWG WIRE AND 2-HOLE COMPRESSION CRAMPED LIGGS (INSTALLED USING THE PROPER ULT TOOL AND GIRCUMFERSHTAL HEXAGON DIE; BRAND OR HOSE CLAMP TYPE SI
USED SALD COPPER STRAP TYPE WITH SINKLE HOLE LUGS SHALL NOT BE USED ALL COAX CABLES ARE TO BE GROUNDED AT THESE SECTIOR COB, THE COLLECTOR GOB, MIDPOINT COB, IF FROUNTED, BOTTOM COB, WAVEGUIDED BRIDGE COB IF REQUIRED, AND AT THE SHELTER WALL A MIDPOINT COB IS ONLY REQUIRED FOR THE SHELTER WALL A MIDPOINT COB IS ONLY REQUIRED FOR THE SHELTER WALL A MIDPOINT COB IS ONLY REQUIRED FOR THE SHELTER WALL A MIDPOINT COB IS ONLY PROLINED FOR THE SHELTER OF CABLE (FROM TOWNED). 7. WEATHERPROOFING: ALL COM/C RICUND KITS SHALL BE WEATHERPROOFED. ONLY GROUND KITS APPROVED BY THE COM/MANUFACTURER SHALL BE USED.

8. METALLIC CONDUIT: ANY GROUND RODS WIRES. SOLID OR STRANDED, THAT PASS-TREQUEN CONDUIT, METALLIC SEEPLE, OR CABLE COVER, SHALL BE BONGED AT BOTH ENDS.

9. ANTENNA GROUNDING: ALL ANTENNAS (INCLUDING THE GPS ANTENNAS) ARE GROUNDED BY THEIR MOUNTSMASTS AND BY THE GROUND KITS ON THE COAXIAL CABLE CONNECTED TO THE COAX GROUND BARS. DO NOT INSTALL SEPARATE ANTENNA GROUND CONNATE AND THE COAXIAL CABLE CONNECTED TO THE COAX GROUND BARS. DO NOT INSTALL SEPARATE ANTENNA GROUND CONNATENNAS) AND THE GROUND KITS ON THE COAXIAL CABLE CONNECTED TO THE COAX GROUND BARS. DO NOT INSTALL SEPARATE ANTENNA GROUND CONNATENNAS AND THE GROUND KITS ON THE COAXIAL CABLE CONNECTED TO THE COAX GROUND BARS. DO NOT INSTALL SEPARATE ANTENNA GROUND CONNATENNAS AND THE GROUND KITS ON THE COAXIAL CABLE CONNECTED TO THE COAX GROUND BARS. DO NOT INSTALL SEPARATE ANTENNA GROUND CONNATENNAS AND THE GROUND KITS ON THE COAXIAL CABLE CONNECTED TO THE COAX GROUND BARS. DO NOT INSTALL SEPARATE ANTENNA GROUND CONNATENNAS AND THE GROUND KITS ON THE COAXIAL CABLE CONNECTED TO THE COAX GROUND BARS. DO NOT INSTALL SEPARATE ANTENNA GROUND CONNATENNAS AND THE GROUND KITS ON THE COAXIAL CABLE CONNECTED TO THE COAXIA GROUND BARS. DO NOT INSTALL SEPARATE ANTENNA GROUND CONNATENNAS AND THE GROUND KITS ON THE COAXIAL CABLE CONNECTED TO THE COAXIA GROUND BARS. AN INTERVISION COMPOUND. NATHONIDATION COMPOUND SHALL BE APPLIED BETWEEN LUG AND GROUND BAR ONLY, DO NOT COVER THE LUF 1 GENERAL
1 GENE 11. SERVICE DISCONNECT GROUNDING: IT THERE IS A SERVICE DISCONNECT SEPARATE FROM THE PPC MAN CRICUIT BEAVERS. THE NEUTRAL TO GROUND BOND SHALL BE MADE AT THE SERVICE DISCONNECT SWITCH LOCATED SEPARATELY AND ON THE SUPPLY SIDE OF THE IN THE PPC. IT IS CHINCID. THAT COULD SEPARATELY AND ON THE SUPPLY SIDE OF THE IN THE PPC. IT IS CHINCID. THAT COULD SEPARATELY AND ON THE SUPPLY SIDE OF THE IN THE PPC. IT IS CHINCID. THAT COULD SEPARATELY AND ON THE SUPPLY SIDE OF THE IN THE PPC. IT IS CHINCID. THAT COULD SEPARATELY AND ON THE SUPPLY SIDE OF THE IN THE PPC. IT IS CHINCID. THAT COULD SEPARATELY AND ON THE SUPPLY SIDE OF THE IN THE SERVICE DISCONNECT SHOWS COUNTY SIDE OF THE INTERPRETATION SHOWS COUNTY SIDE OF THE INTERPRETATION SHOWS COUNTY SHOWS COUNTY SIDE OF THE INTERPRETATION SHOWS COUNTY SHOWS COUNT BE AND TOWER APPRITEMANCE INSTITUTION BELIATED NOTES

CHOUNDED THE CONNECTIONS AT THE BASE TRANSMISSION SYSTEM (BTS), THIS SHALL INCLIDE ALL EQUIPMENT SHOWN OR RANTEMA CABLES FROM THE ANTENNA TO THE CONNECTIONS AT THE BASE TRANSMISSION SYSTEM (BTS), THIS SHALL INCLIDE ALL EQUIPMENT SHOWN OR RANTEMA CABLES CONNECTIONS, AND FITTING SHALL BE THIND PARTY FLENISHED COMPONENTS AS SHOWN ON THE BILL OF MATERIALS. E CONTRACTOR SHALL COORDINATE WITH OTHER TRADES, AS NECESSARY E CONTRACTOR SHALL COORDINATE WITH OTHER TRADES, AS INCESSARY.

NOT INTERRUPE TEXTING SERVICES WITHOUT WITHET REPRESSION OF THE OWNER OF THAT SERVICE AND WRITTEN PERMISSION OF THIS INSTALLATION'S CAPRIER.

IAMBES: NO ADDITIONAL COSTS FOR LABOR OR MATERIALS WILL BE ALLOWED FOR CHANGES OR MODIFICATIONS MADE UNLESS PRIOR WRITTEN APPROVAL IS OBTAINED FROM THE ARCHITECT, ENGINEER OR OWNER IN THE FORM OF A CHANGE ORDER. INSTALL CONNECTORS TO COAXIAL CABLE AT BOTH ENDS (ANTENNA END AND BTS LOC. NAMES TO ADDITIONAL COSTS FOR LIBERTO CREAM TENDED WITH IER ALLOWING THE MADE NOT TO READ THE ADDITIONAL COSTS FOR LIBERTO THE ADDIT UDON SUCCESSFUL CONNECTIONS TO CONDUCT CREEK AT BOY DIFFERDS OPENING WIS CONTINUED AS DECENSION OF THE COAX CABLES AT THE ANTENNA CONNECTION ONLY.
THE MINIMUM BENDING RADIUS FOR ALL ANTENNA CABLES SHALL BE AS SHOWN BELOW OR PER THE MANUFACTURER, WHICHEVER IS MORE CONSERVATIVE.
BLE NAR OR CABLE TRAY NO COMDUT 28"
 CABLES SHALL BE INSTALLED WITH THE MINIMUM NUMBER OF BENDS, CABLE SHALL NOT BE LEFT UNTERMINATED IN THE FIELD. A CROUNDING KITS - AFTER INSTALLATION OF GROUND STRAPS, THE CONNECTIONS SHALL BE MADE WEATHER TIGHT USING WEATHER. 2 INSPECTIONS
GENERAL DURING AND UPON COMPLETION OF WORK, ARRANGE AND PAY ALL ASSOCIATED INSPECTIONS OF ALL ELECTRICAL WORK INSTALLED UNDER THIS CONTRACT IN ACCORDANCE WITH THE CONDITIONS OF THE CONTRACT INSPECTIONS REQUIRED. AS PER THE LAWS AND REGULATIONS OF THE LOCAL AND/OR STATE AGENCIES HAVING JURISDICTION AT THE PROJECT SITE. PECTIONS AGENCY: APPROVED BY THE LOCAL AND/OR STATE AGENCIES HAVING JURISDICTION AT THE PROJECT SITE. TES: SUBMIT ALL REQUIRED INSPECTION CORTICATES TO THE CARRIER AND LITH ITY CERTIFICATES SUBMIT ALL REQUIRED INSTRUCTION CONTINUES TO THE CONTINUES TO THE CONTINUES AND THAT SUBMIT ALL REQUIRED AND SHALL BE MANUFACTURED PRODUCTS DESCRIED FOR THE APPLICATION PRODUCTS FOR OUTDOOR USE SHALL BE HOT DISTRIBUTION FROM THE APPLICATION PRODUCTS FOR OUTDOOR USE SHALL BE HOT DISTRIBUTION FROM THE APPLICATION PRODUCTS FOR OUTDOOR USE SHALL BE HOT DISTRIBUTION FROM THE APPLICATION PRODUCTS FOR OUTDOOR USE SHALL BE HOT DISTRIBUTION FROM THE APPLICATION PRODUCTS FOR OUTDOOR USE SHALL BE HOT DISTRIBUTION FROM THE APPLICATION PRODUCTS FOR OUTDOOR USE SHALL BE HOT DISTRIBUTION FROM THE APPLICATION PRODUCTS FOR OUTDOOR USE SHALL BE HOT DISTRIBUTION FROM THE APPLICATION PRODUCTS FOR OUTDOOR USE SHALL BE HOT DISTRIBUTION FROM THE APPLICATION PRODUCTS FOR OUTDOOR USE SHALL BE HOT DISTRIBUTION FROM THE APPLICATION FROM THE APPLICATION PRODUCTS FOR OUTDOOR USE SHALL BE HOT DISTRIBUTION FROM THE APPLICATION PRODUCTS FOR OUTDOOR USE SHALL BE HOT DISTRIBUTION FROM THE APPLICATION PRODUCTS FOR OUTDOOR USE SHALL BE HOT DISTRIBUTION FROM THE APPLICATION PRODUCTS FOR OUTDOOR USE SHALL BE HOT DISTRIBUTION FROM THE APPLICATION PRODUCTS FOR OUTDOOR USE SHALL BE HOT DISTRIBUTION FROM THE APPLICATION PRODUCTS FOR OUTDOOR USE SHALL BE HOT DISTRIBUTION FROM THE APPLICATION PRODUCTS FOR OUTDOOR USE SHALL BE HOT DISTRIBUTION FROM THE APPLICATION PRODUCTS FOR OUTDOOR USE SHALL BE HOT DISTRIBUTION FROM THE APPLICATION PRODUCTS FOR OUTDOOR USE SHALL BE HOT DISTRIBUTION FROM THE APPLICATION PRODUCTS FOR OUTDOOR USE SHALL BE HOT DISTRIBUTION FROM THE APPLICATION FROM THE APPLICATION PRODUCTS FOR OUTDOOR USE SHALL BE HOT DISTRIBUTION FROM THE APPLICATION FROM THE APPLICATION PRODUCTS FOR OUTDOOR SHALL BE HOT DISTRIBUTION FROM THE APPLICATION FROM THE APPLICATION PRODUCTS FOR OUTDOOR SHALL BE HOT DISTRIBUTION FROM THE APPLICATION FROM THE APPLIC

PLANS PREPARED FOR: = extenet UR NETWORK PLANS PREPARED BY:

TELECOM

21 Oxford Rd Mansfield, MA 02048 www.piketelecom.or 1-508-337-7600

LOCATION:

PE STAMP AREA:

280 BEACON ST. BOSTON, MA 02116 SUFFOLK COUNTY

DRAWING NOTES:

ORIGINAL PLAN-SCALE: AS NOTED DRAWN BY: IID PLAN ORIG. DATE: 8/10/20

REVISIONS: -REV BY DATE DESCRIPTION 0 UPDATE ANT. CONFIG. ECF 03/03/2 1 UPDATE FOUIPMENT MB 10/28/2

SITE INFO: LAT: 42.353175 LONG: -71.081165 EXTENET NODE ID:

BB 08 new

SITE ADDRESS:

280 BEACON ST.

SHEET NUMBER:

GN-2

SHEET TITLE: GENERAL NOTES

Y) AND INCLUDE A HINGED COVER AND RATE NEMA 1 (OR RETTER) INDOORS, OR NEMA 3R (OR RETTER) OLITIOOR



