EXTENET ID: NE-MA-BACKBAY-00116 - (BB_16_NEW)

LATITUDE / LONGITUDE: 42.352096 / -71.070527

SITE ADDRESS: ACROSS FROM 320 BOYLSTON ST

> CITY, STATE, ZIP: BOSTON, MA 02116

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.

GENERAL NOTES

ENTER 1-888-DIG-SAFE

CALL BEFORE YOU DIG UNDERGROUND SERVICE ALERT

72 HOURS NOTICE REQUIRED.

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.

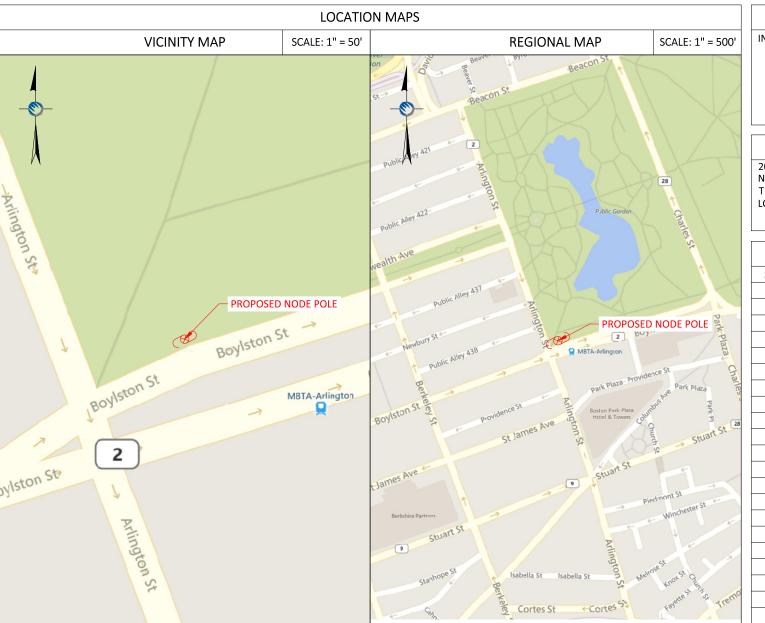
SITE INFORMATION				
EXTENET NODE ID:	NE-MA-BACKBAY-00116			
LATITUDE:	42.352096			
LONGITUDE:	-71.070527			
SITE ADDRESS:	ACROSS FROM 320 BOYLSTON ST			
CITY, STATE ZIP:	BOSTON, MA 02116			
COUNTY:	SUFFOLK			
JURISDICTION:	BOSTON			
PROPERTY OWNER:	PUBLIC RIGHT-OF-WAY			
APPLICANT:	EXTENET SYSTEMS 876 HAMMOND ST CHESTNUT HILL, MA 02467 (617) 232-4154			

ENGINEER

EXTENET SYSTEMS 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.



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			
T-1	TITLE SHEET			
SP-1	SITE PLAN & EXHIBIT PHOTO			
EV-1	ELEVATION SIDE VIEW			
EV-2	ELEVATION REAR VIEW			
AT-1	ANTENNA DETAILS			
WD-1	WIRING DIAGRAM			
RS-1	RADIO SHROUD DETAILS			
GN-1	GENERAL NOTES			
GN-2	GENERAL NOTES			



PLANS PREPARED BY:



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

- LOCATION:

ACROSS FROM 320 BOYLSTON ST BOSTON, MA 02116 SUFFOLK COUNTY

PE STAMP AREA:

DRAWING NOTES:

ORIGINAL PLANSCALE: AS NOTED

DRAWN BY: GL

PLAN ORIG. DATE: 01/04/23

	VISIONS:		
REV	DESCRIPTION	BY	DATE

LAT: 42.352096 LONG: -71.070527

NE-MA-BACKBAY-00116

SITE ADDRESS:

ACROSS FROM 320 BOYLSTON ST

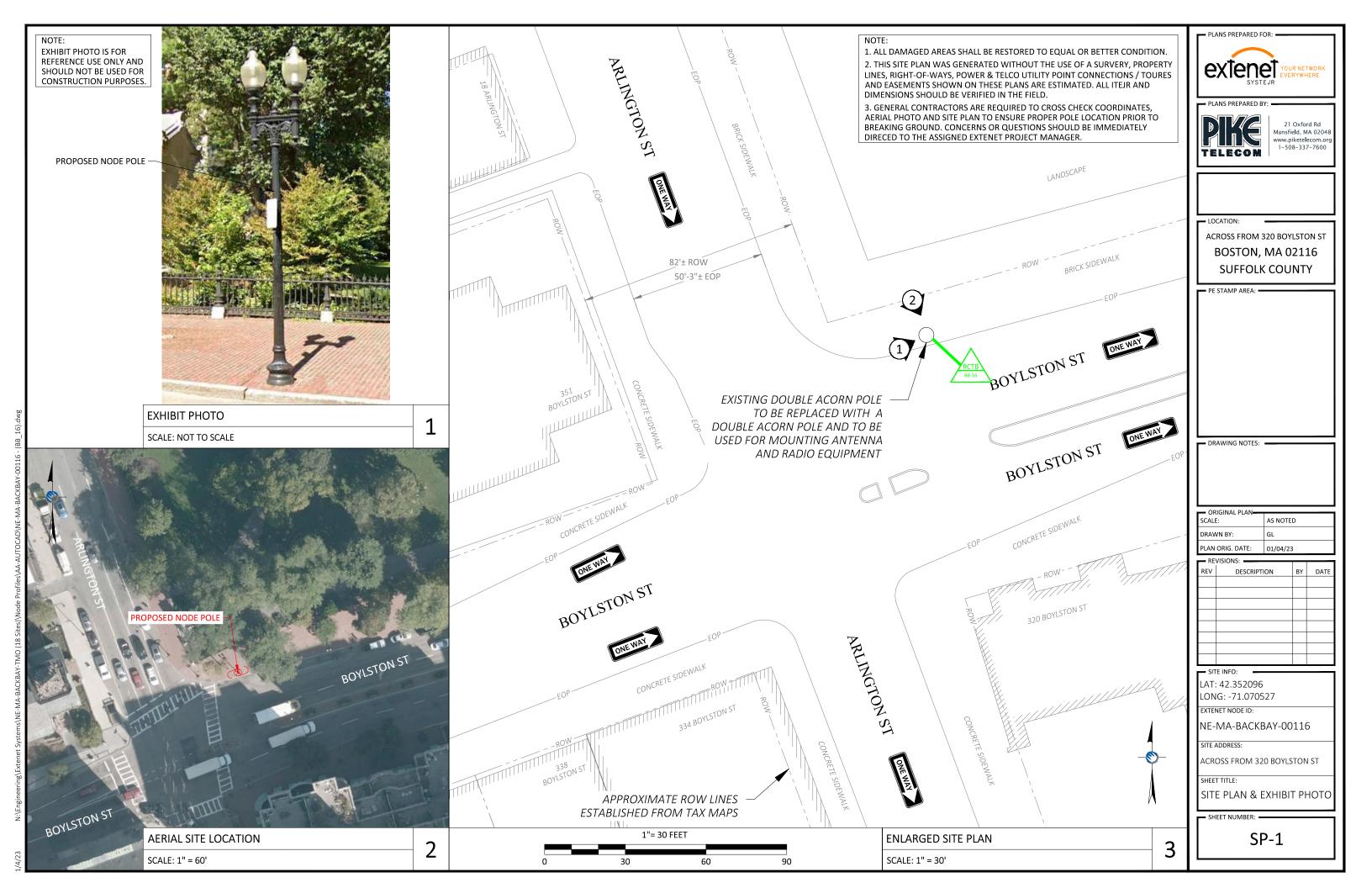
SHEET TITLE:

TITLE SHEET

SHEET NUMBER:

T-1

/4/23





1-508-337-7600

ACROSS FROM 320 BOYLSTON ST BOSTON, MA 02116 SUFFOLK COUNTY

AS NOTED 01/04/23

_ ^_	VISIONS:			
REV	DES	SCRIPTION	BY	DATE

ACROSS FROM 320 BOYLSTON ST

POLE ELEVATIONS

EV-1

PROPOSED EQUIPMENT TO BE PAINTED TO BLEND WITH POLE.

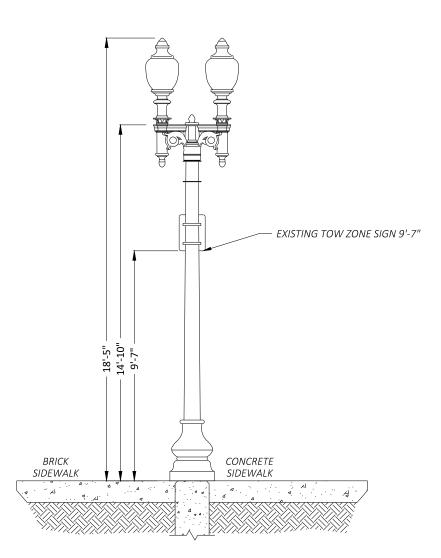
FCC MANDATED SIGNAGE TO BE ATTACHED TO POLE.

REPLACE EXISTING DOUBLE ACORN POLE WITH FLUTED STEEL DOUBLE ACORN STYLE POLE. ADD ANTENNA / RADIO EQUIPMENT.

NOTE 2:
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

1"= 4 FEET



PROPOSED OMNI GALTRONICS ANTENNA G06010-07078 AZIMUTH: 170° (SEE DETAIL) PROPOSED WHIP ANTENNA **CUSTOM BRACKET (SEE DETAIL)** PROPOSED 2'-11" EXTENSION 4.5" DIAMETER PROPOSED FLUTED STEEL DOUBLE ACORN STYLE STREETLIGHT POLE. PAINTED TO MATCH EXISTING PER C.O.B. STANDARDS TRANSFER EXISTING TOW ZONE SIGN PROPOSED SEPARATE POWER TO CONTINUE TO 23'-5" 20'-11" 18'-5" 14'-10" - 9'-7" -STREETLIGHT PROPOSED BASE CABINET WITH EQUIPMENT (SEE DETAILS EQ-1) PROPOSED FIBER BY OTHERS TO 3'-10" HANDHOLE VIA EXTENET CONDUIT -SET IN GROUND 10" BELOW GRADE BRICK CONCRETE SIDEWALK V V V V SIDEWALK · A · A · A PROPOSED TYPICAL CONCRETE FOUNDATION 30" Ø x 84" H

EXISTING PROFILE - REAR VIEW LOOKING SOUTHEAST TOWARDS BOYLSTON ST

PROPOSED PROFILE - REAR VIEW LOOKING SOUTHEAST TOWARDS BOYLSTON ST

POLE ELEVATIONS SCALE: 1" = 5'

- PLANS PREPARED FOR:



1-508-337-7600

LOCATION:

ACROSS FROM 320 BOYLSTON ST BOSTON, MA 02116 SUFFOLK COUNTY

PE STAMP AREA: —

DRAWING NOTES:

ORIGINAL PLAN SCALE: AS NOTED DRAWN BY: PLAN ORIG. DATE: 01/04/23

	AIZIONZ:			
REV	DES	CRIPTION	BY	DATE

SITE INFO:

LAT: 42.352096 LONG: -71.070527

EXTENET NODE ID:

NE-MA-BACKBAY-00116

SITE ADDRESS:

ACROSS FROM 320 BOYLSTON ST

POLE ELEVATIONS

- SHEET NUMBER: -

EV-2



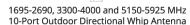
60" x 2" 10-Port Outdoor Directional Whip Antenna [1695-2690, 3300-4000 and 5150-5925 MHz]

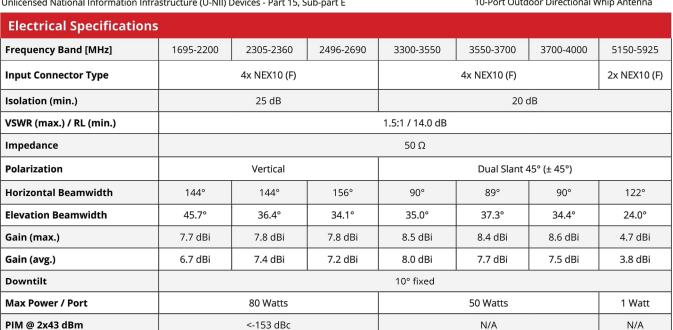
GD6010-07078

Description:

- Directional Whip Antenna for Outdoor DAS and Small Cells
- 4x ports for AWS/PCS Band 1695-2690 MHz
- 4x ports for C-Band/CBRS 3300-4000 MHz
- 2x ports for LAA Band 5150-5925 MHz*
- Ideal for Dense Urban Densification
- All ports are directional with 10° downtilt to provide precise densification coverage and ensure dominance over macro sites

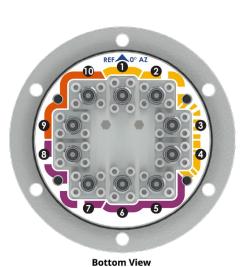
*Compliant to 789033 D02 General U-NII Test Procedures New Rules v01r04: The antenna meets current U-NII-1 requirements for gain and upper side-lobe performance. Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices - Part 15, Sub-part E

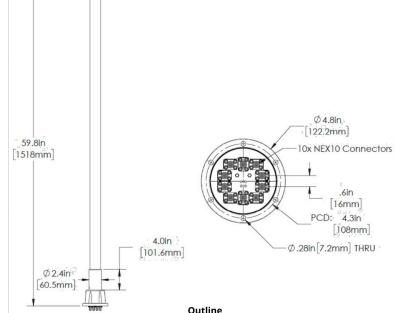




Mechanical Specificatio	Mechanical Specifications				
Operating Temperature	-40° to 158°F (-40° to +70°C)				
Antenna Weight	8.0 lbs (3.6 kg)				
Antenna Diameter	2" (52 mm)				
Antenna Height	60" (1524 mm)				
Radome Material	Fiberglass				
Radome Colors	Gray/Silver (Fed Std 595, 26373) Black (Fed Std 595, 27038)				
Environmental Rating	Outdoor				
Wind Survival Rating	150 mph (241 km/h)				
Connectors	10x NEX10 (F)				

Antenna Outline and Bottom View with Label





Mating Male Connector Torque: NEX10: 2.2 ft-lb (3.0 Nm)

Part Numbers, Ordering Options					
Description	Color*	Mounting Kit	Part Number		
10-Port Directional Whip Antenna,	Gray/Silver (FED STD 595, 26373)	Includes MK-06766 Spacer Collar	GD6010-07078-122		
10° Downtilt, 10x NEX10 (F) Connectors	Black (FED STD 595, 27038)	Includes MK-06766 Spacer Collar	GD6010-07078-B22		

Description:	Part Number:
Antenna spacer collar [Included]	MK-06766 (Included)
Stubby Top Mount Bracket [Optional]	MK-06840 (Sold Separately)
Extended Top Mount Bracket [Optional]	MK-06841 (Sold Separately)

GALTRONICS GO6010-07078 ANTENNA SCALE: NOT TO SCALE

- PLANS PREPARED FOR:



1-508-337-7600

LOCATION:

ACROSS FROM 320 BOYLSTON ST BOSTON, MA 02116 SUFFOLK COUNTY

PE STAMP AREA: —

DRAWING NOTES:

SCALE: AS NOTED DRAWN BY: LAN ORIG. DATE: 01/04/23

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REV	DESCRIPTION	ву	DATE

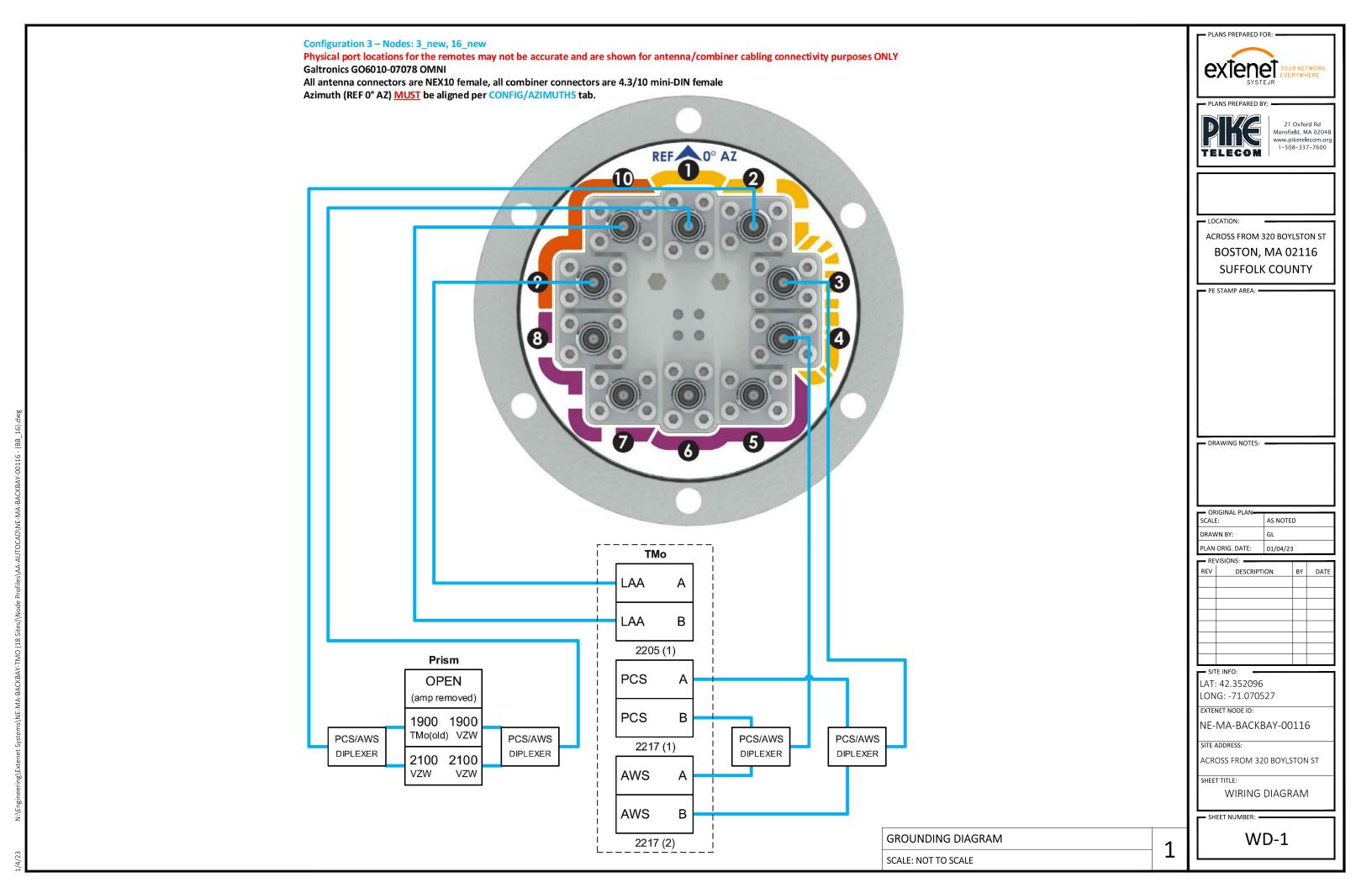
SITE INFO: LAT: 42.352096 LONG: -71.070527 XTENET NODE ID: NE-MA-BACKBAY-00116

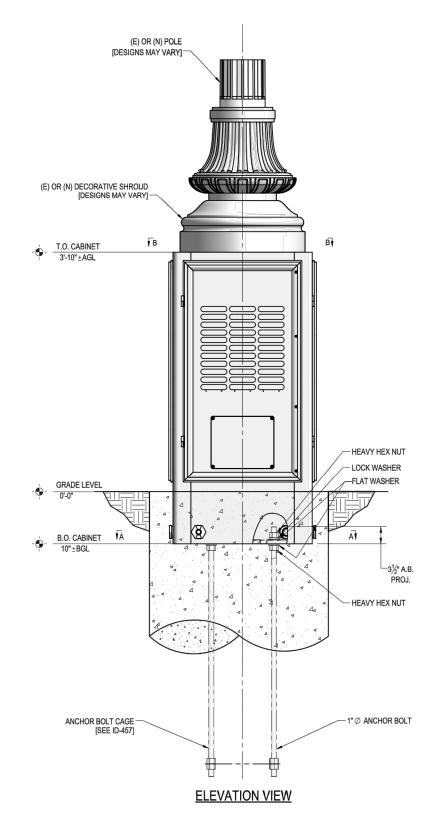
SITE ADDRESS: ACROSS FROM 320 BOYLSTON ST

ANTENNA DETAILS

SHEET NUMBER: =

AT-1





*	ITEM #	PART#	DESCRIPTION	QTY.	UNI WT.(II
*	1	AA-001	SH 12GA. x 13/16" x 2 1/4" G90, ION HANGING HOOK	8	0.1
*	2	AA-033	16GA.x1'-10 13/16"x3'-6 5/8" E.G. MATERIAL, VENTED COVER	2	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	53
*	10	PL-3141	1/2"x7 1/4"x9 1/4" EMBOSSED DAMPING FOAM	4	1.8
*	11	PL-3188	SH 14GA. x 10" x 3'-4 5/8" G90, ADAPTER PLATE	4	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.
*	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.
*	16	SS-908	3/4" NPT x 3" PVC, STRAINER	4	0.
	17	70304	#8-32 x 3/4" HEX WASHER SLOTTED MACHINE SCREW, S.S.	6	0.0
	18	46005	#8 LOCK WASHER, S.S.	6	0.0
	19	47005	#8 FLAT WASHER, S.S.	6	0.0
	20	59001	#8-32 MACHINE SCREW NUT, S.S.	6	0.0
*	21	71218	1/4"Ø x 1/2" TAMPER-RESIS. BUTTON-HD SCKT CAP SCRW, S.S.	8	0.0
	22	70216	1/4"Ø x 3/4" S.S., FLGD BUTTON-HD SCKT CAP SCRW	28	0.0
*	23	79100	1/4"Ø x 1" BOLT/NUT/LW, S.S.	2	0.
*	24	71217	1/4"Ø x 1" TAMPER-RESISTANT BUTTON-HD, S.S.	16	0.0
*	25	80255	1/4"Ø x 1 1/2" THRD STUD, S.S.	20	0.0
*	26	41001	1/4"Ø LOCK WASHER, S.S.	24	0.0
*	27	40001	1/4"Ø FLAT WASHER, S.S.	32	0.0
*	28	55996	1/4"Ø HEX NUT, S.S.	24	0.0
*	29	91142	1/4" 1-LUG (4AWG-14AWG) BURNDY KA4C TERMINAL, COPPER	2	0.0
*	30	71017	3/8"Ø x 5/8" BOLT, S.S.	8	0.0
*	31	15230	3/8"Ø x 1" A307 FULLY THD'D BOLT/NUT/LW, GALV.	4	0.
*	32	43010	3/8"Ø LOCK WASHER, S.S.	8	0.0
*	33	40011	3/8"Ø FLAT WASHER, S.S.	4	0.0
*	34	90060	3/8" STANDOFF INSULATOR (559640)	4	0.
*	35	90801	3/4" NPT BULKHEAD FITTING	4	0.
*	36	90803	3/4" NPT PVC PIPE CAP	4	0.0
*151	DICATE	C EACTORY II	NSTALLED PART / HARDWARE TOTAL GA		84



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

LOCATION:

ACROSS FROM 320 BOYLSTON ST BOSTON, MA 02116 SUFFOLK COUNTY

PE STAMP AREA: -

DRAWING NOTES:

ORIGINAL PLANSCALE: AS NOTED

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SITE INFO:

LAT: 42.352096 LONG: -71.070527

EXTENET NODE ID:

NE-MA-BACKBAY-00116

SITE ADDRESS:

ACROSS FROM 320 BOYLSTON ST

SHEET TITLE:

RADIO SHROUD DETAILS

SHEET NUMBER: -

RS-1

CONTRACT OVERVIEW
THE INTENTION 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, SECUENCING AND COORDINATING OF ALL PORTIONS OF THE WORK UNDER THE CONTRACT. L WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE CURRENT EDITION OF THE FOLLOWING CODES, STANDARDS, AND SUPPLEMENTS RULES AND SPECIFICATIONS FOR EXCAVATION ACTIVITY WITHIN THE CITY OF SOMERVILLE

RIGHER AND SPECIFICATIONS FOR EXCAVATION ALTURITY WITHIN THE CLIT OF OWNERVALE.

BIG-INFERNATIONAL BUILDINGS FOR EXCAVATION ALTURITY WITHIN THE CLIT OF OWNERS.

BIG-INFERNATIONAL BUILDINGS FOR EXCAVATION ALTURITY WITHIN THE CLIT OF OWNERS.

BIG-INFERNATIONAL BUILDINGS STEEL CONSTRUCTION SPECIFICATIONS

INDICATION - INSTITUTE OF ELECTRICAL AND ELECTRONGS ENGINEERS

INDICATION - INSTITUTE OF ELECTRICAL SAFETY CODE

INDICATION - INSTITUTE OF ELECTRICAL SAFETY CODE

INDICATION - INSTITUTE OF ELECTRICAL SAFETY AND ELECTRONGS ENGINEERS

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ALGORITHMS OF THE CONTRACT INSPECT THOSE AREAS AND AGENTA IN WHAT IS RECEIVED TO DO THAT YOUR IN ACCORDANCE WITH THE CONTRACT REQUIREMENTS AT NO ADDITIONAL COST TO THE OWNER.

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JO SEPARA, LIVIL SECULTURIAL, ELECTRICAL, AND ANTERNO AND AND SAN LISE OF THE PLANS AND SPECIFICATIONS, AND ARE TO BE COMPLED WITH IN ALL RESPECTS. THE MOST RESTRICTIVE NOTES SPECIFED ARE TO TAKE PRECEDENCE. CERTAIN SECTIONS OF THE GENERAL, NOTES MAY NOT APPLY TO EVERY SITE. THE CONTRACTOR IS TO COMPLY WITH ALL APPLICATION AND ADDITIONAL ORDER.

J. ALL GENERAL, NOTES AND STANDARD DETAILS ARE THE MINIMUM REQUIREMENT TO BE USED IN CONDITIONS WHICH ARE NOT SPECIFICALLY SHOWN OTHERWISE.

REPRESENTATION OF THE TRUE MORTH OTHER THAN THOSE FOUND ON THE PLOT OF THE SURVEY DRAWING SHALL NOT BE USED TO IDENTIFY OR ESTABLISH THE BEARING 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 FOR THE ESTABLISHMENT OF THE TRUE NORTH, AND SHALL NOTIFY THE ENGINEER PRIOR TO PROCEEDING WITH THE WORK IF ANY DISCREPANCY IS FOUND BETWEEN THE VARIOUS ELEMENTS OF THE WORKING DRAWINGS AND THE TRUE NORTH ORIENTATION AS DEPICTED ON THE CML. SURVEY. THE CONTRACTOR SHALL ASSUME SOLE LIBERATE FOR NOTIFY FOR ANY FALLED TO NOTIFY THE RESIDENCE.

SOURCE SCALL LUNGLIST FOR USE TO THE LIGHT STATE OF THE S

THE CONTRACTOR WILL BE REQUIRED TO ASSULES DOLE AND COMPLETE RESPONSIBILITY FOR THE, DOS STE CONDITIONS DURNOT THE CONTROL OF THE PROJECT. THIS INCLUDES THE SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT IS MADE TO APPLY CONTINUOUSLY AND IS NOT LIMITED TO COMMA. WORKING HOURS. THE CONTROL PERSON PROVIDED OF THE WORK ON THIS PROJECT.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLYING WITH ALL SAFETY PRECAUTIONS AND REGULATIONS, SUCH AS OSHA COMPLIANCE. DURING THE PROGRESS OF WORK, THE ENGINEER MILL NOT ADVISE NOR PROVIDE DIRECTION AS TO SAFETY PRECAUTIONS AND PROGRAMS

SAFETY MEETINGS SHALL TAKE PLACE EVERY MORNING BEFORE THE WORK DAY BEGINS ACCOR SHALL ASSUME COMPLETE RESPONSIBILITY FOR THE SECURITY OF THE SITE UNTIL COMPLETION OF THE CONSTRUCTION

1. THE CONTRACTOR SHALL ASSUME COMPLETE RESPONSIBILITY FOR THE SECURITY OF THE SET UNTIL COMPLETION OF THE CONSTRUCTION.

I. THE CONTRACTORS RESPONSIBILITY TO EXAMINE ALL PLAN SHEETS AND SEEDER/CHAINS AND COORDINATE THEIR WORK WITH THE WORK OF ALL OTHER CONTRACTORS TO ENSURE THAT WORK PROGRESSION IS NOT INTERRUPTED.

II. THE CONTRACTOR IS INSTRUCTED TO COORDINATE WITH ANY AND ALL OTHER CONTRACTORS PERFORMANC WORK ON THIS JOSENS DURING THE PREFORMANCE OF THE SOURING TO AVOID DELAYS IN THE SCHEDULE OF OTHER WORK PERFORMED IN THE VICINITY OF THE CONSTRUCTION AREA.

7. THE CONTRACTOR SHALL SIZENET A CONSTRUCTION SCHEDULE. TO THE PROFESSION LES TO THE WORK THE OWNER SHALL ALSO BE NOTIFIED OF A CHANGE IN THE CONSTRUCTION SCHEDULE.

B. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED PERMITS.

B. EACH CONTRACTOR IS RESPONSIBLE FOR PULLING BUILDING PERMITS AT THE LOCAL JURISDICTION AS THE CONTRACTOR OF PECOND, AND SHALL PROVIDE THE JURISDICTION WITH ALL PROOF REQUIRED TO OPERATE AS CONTRACTOR IN THIS JURISDICTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETAILS AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETAILS.

THE CONTRACTOR OF ALL RECORDER PERMITS, RESPONSIBLE FOR PERMITS, DETAILS CHARDED CEPTURES OF THE WORK THE CONTRACTOR OF PECOND, AND SHALL PROVIDE THE JURISDICTION WITH ALL PROOF REQUIRED TO OPERATE AS CONTRACTOR IN THIS JURISDICTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETAILS.

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 SPECTIONS.

RESECTIONS.

A COPY OF THE APPROVED PLAN SHALL BE KEPT IN A PLACE SPECIFIED BY THE GOVERNING AGENCY, AND BY LAW BE AVAILABLE FOR DEPCHICATION SHALL BE PROVIDED TO THE OWNER PRIOR TO WORK.

A COPY OF THE APPROVED PLANS SHALL BE KEPT IN A PLACE SPECIFIED BY THE GOVERNING AGENCY, AND BY LAW BE AVAILABLE FOR INSECTION AT ALL TIMES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE ALL CONSTRUCTION SETS REFLECT THE SAME INFORMATION AS THE APPRIADLE. AS AND AND ACTIVATION OF SETS OF THE APPRIADLE AND ACTIVATION OF THE APPRIADLE AS AND AND ACTIVATION OF THE SETS OF THE APPRIADLE AS AND AND ACTIVATION OF THE SETS OF THE APPRIADLE AS AND AND ACTIVATION OF THE APPRIADLE AS AND ACTIVAT

THE CONTRACTOR IS TO PROVIDE THE OWNER WITH A FULL SET OF RECORD DRAWINGS WITH ACTUAL DIMENSIONS, ROUTING AND CIRCUITS UPON COMPLETION OF CONSTRUCTION.

22. THE CONTRACTOR IS TO PROVIDE THE OWNER WITH A FLUL SET OF RECORD DRAWNINGS WITH ACTUAL DIMENSIONS, BOUTHIS AND GREUITS UPON COMPLETION OF CONSTRUCTION.

24. THE CONTRACTOR IS TO CRAIN THE OTH LOCAL PROVINE THE TUTLITY COMPANIES ROPE CONSTRUCTION. BEGINS TO ORDER SERVICE, OSTAN AND PAY ALL FEES ASSOCIATED WITH THE CONSTRUCTION, SCHEDULE INSTALLATION OF SERVICE, COORDINATE CONDUIT RUN/TERMINATION POINTS AND OSTAIN ANY FILED MATERIALS. THAT MAY BE SUPPLIED BY THE UTILITY COMPANIES AND INSTALLED BY THE CONTRACTORS.

25. THE CONTRACTOR IS RESPONSIBLE FOR ALL TEMPORARY PRACING. SHORING, SHORING, SHORING NEW AND THE PROTECTION OF ALL WORK DURBING CONSTRUCTION.

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

27. THE CONTRACTOR SHALL MONITOR ALL EXISTING STRUCTURES DURBING CONSTRUCTION.

28. THE CONTRACTOR SHALL MONITOR ALL EXISTING STRUCTURES DURBING CONSTRUCTION.

29. ALL MERBALS AND EQUIPMENT SHALL BE NEW AND IN SAFE CONDITION PRIOR TO INSTALLATION, AND SHALLE OF THE BEST GRADE AND OF THE SMALL MONITOR ALL EXISTING SHALL MONITOR ALL EXISTING SHALL MONITOR ALL SHALL BE NOT AND ALL SHALL BE NOT ALL SHALL BE NOT AND ALL SHALL BE NOT ALL SHA

ALL MATERIALS SHALL BE INSTALLED PER THE MANUFACTURER'S INSTRUCTIONS EXCEPT FOR WARNING SIGNS SUCH AS "NO TRESPASSING" AND SIGNS THAT STATE OWNERSHIP AND EMERGENCY TELEPHONE NUMBERS, NO SIGN SHALL BE LOCATED ON THE PROPERTY. EXISTING SIGNS WILL BE MAINTAINED AND PROTECTED.

ALL EQUIPMENT SHALL BE INSTALLED LEVEL AND PLUMB.

EXISTING CONDITIONS AND STRUCTURES TO STORM SOME AT THE SITE. THE CONTRACTOR SHALL INSPECT THE EXISTING PROPERTY OR BUILDING AND DETERMINE THE EXTENT OF EXISTING FINSHES, SPECIALTIES, EQUIPMENT AND OTHER ITEMS WHICH MUST BE REMOVED AND REINSTALLED IN ORDER TO PERFORM THE WORK UNDER THIS CONTRACTOR MUST VERIFY ALL BUMENSIONS, CONDITIONS AND EXEMPTIONS BEFORE STATTING WORK. NO EXTRA CHARGE OR COMPENSATION SHALL BE ALLOWED DUE TO DIFFERENCES BETWEEN ACTUAL DIMENSIONS AND DIMENSIONS INDICATED ON THE CONSTRUCTION DRAWNINGS, ALL WORK SHALL BE PERFORMED IN A COMPANABLE MAN IN ACCOUNTAGE OF THE CONTRACTOR WORK AND ADMINISTRATION OF THE CONTRACTOR WORK A

AY SUBMITTING A BID FOR THIS WORK. THE CONTRACTOR ACKNOWLEDGES THAT HE HAS THOROUGHLY REVIEWED AND UNDERSTOOD THE CONSTRUCTION DOCUMENTS. VISITED THE SITE AND IS FAMILIAR WITH THE CONDITIONS ENCOUNTERED AT THE SITE

F CONTRACTOR IF AWARDED THE CONTRACT WILL NOT BE ALLOWED ANY EXTRA COMPENSATION BY REASON OF ANY MATTER OR THING WHICH THE CONTRACTOR MIGHT NOT HAVE FILLLY EXPLORED PRIOR TO BIDDING XANCE OF CONDITIONS THAT EXIST, OR OF DIFFICULTIES THAT MAY BE ENCOUNTERED OR OF ANY OTHER RELEVANT MATTER CONCERNING THE WORK TO BE PERFORMED WILL BE ACCEPTED AS A REASON FOR ANY FAILURE OR CAMISSION ON THE PART OF THE CONTRACTOR TO FULFILL THE REQUIREMENTS OF

THE CONTINUED LOCALISMS.

ITS UNDERSTOOD BY THE OWNER THAT THE CONTRACTOR IN SUBMITTING HIS BID, WARRANTS THAT HE HAS CAREFULLY EXAMINED THE SITE OF THE PROJECT TO BECOME ACQUIAINTED WITH THE SURROUNDING PROPERTIES, THE MEANS OF APPROACH TO THE SITE, THE CONDITIONS OF THE ACTUAL JOB SITE, THE FACILITIES OR DELIVERING, STORING, FRACING, HANDLING, AND THE REMOVAL OF MATERIALS AND EQUIPMENT AND ANY AND ALL DEFICULTES THAT MAY BE ENCOUNTERED DURING THE EXECUTION OF ALL THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

THE LOCATIONS OF EASTING UNDERGROUND UTILITIES HAVE NOT SEEN VERIFIED BY THE OWNERON AND ANY MAD ALL PEPIDUAL THE SHAFE IN THAY BE ENCOUNTERED DURING THE EXECUTION OF ALL THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

THE LOCATIONS OF EASTING UNDERGROUND UTILITIES HAVE NOT SEEN VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR IS RESPONSIBLE FOR HAVING ALL UNDERGROUND UTILITIES LOCATED MITH THE LIMITS OF CONSTITUCTIONS AND ACCEPTS FULL RESPONSIBILITY FOR ANY AND ALL DAMAGES WHICH MIGHT BE CAUSED BY THE CONTRACTOR'S FALURE TO LOCATE ALL UNDERGROUND UTILITIES SETONGE COMMENCING WORK.

SHOULD ANY ERROR OR INCONSISTENCY APPEAR IN THE DRAWINGS OR SPECIFICATIONS, THE CONTRACTOR, SEFORE 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 INSUPPLICITIN INSTRUCTION.

THE CONTRACTOR AND EACH SUBCONTRACTOR SHALL BE RESPONSIBLE FOR VERRICATION 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 IMMENSIONS AND DIM NIDICATED ON THE CONSTRUCTION DRAWINGS. ANY DISCREPANCY IN DIMENSIONS WHICH MAY BE FOUND 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 SHAWN FROM THE THE WORK IN WITHOUT THE FEMERESES ADEPROVED, OF THE OWNER OWNER. AND FROM THE FORM MINIOUT THE CONTROL OF THE CHINGS OF OWNER, REPORTED THE CHINGS OF FIXETING PRODUCT TYPES SHOWN ON THE DRAWINGS ARE RELIEVED TO BE ACCURATE IF THEY ARE DISCOURFED TO BE INACCURATE NOTIFY OWNERS ENGINEERS MAINFIGHTED AND ON THE PRODUCT TYPES SHOWN ON THE DRAWINGS ARE RELIEVED TO BE ACCURATE IN THE THEY ARE DISCOURFED TO BE INACCURATE NOTIFY OWNERS ENGINEERS MAINFIGHTED AND ON THE PRODUCT TYPES SHOWN ON THE DRAWINGS ARE RELIEVED TO BE ACCURATE IN THE THEY ARE DISCOURFED TO BE INACCURATE NOTIFY OWNERS ENGINEERS MAINFIGHTED AND ON THE THE THEY ARE DISCOURFED TO BE INACCURATE NOTIFY OWNERS ENGINEERS.

I FINANCE TO THE PROFEST OWNER THAT SET OF THE STRUCTURES, AND INDUSTRICS, AND INDUSTRICAL PROFECT OF PROFESS WITHOUT IN STRUCTIONS.

PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL PROTECT ALL AREAS FROM DAMAGES WHICH MAY OCCUR DURING CONSTRUCTION. ANY DAMAGES TO NEW OR EXISTING SURFACES, STRUCTURES, PROPERTY, SHRUBBERY, TREES, OR EQUIPMENT, SHALL BE IMMEDIATELY REPAIRED OR REPLACED TO THE STRUCTURE SHALD SHALL SHALL PROFESS AND SHALL SHALL

CONTRACTOR SHALL PROTECT EXISTING PROPERTY LINE MONIMENTATION ANY MONIMENTATION DISTURBED OR DESTROYED AS JUDGED BY THE CONTRACTOR SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE LINDER SUPERVISION OF A LICENSED LAND SURVEYOR

CONTRICTION DATE THAT COLD THAT THE MANIMENTALINA, MY MONIMENTALINA, MY MONIMENTALINO DISTRIBED OR DESTROYED, AS JUDGED BY THE OWNERS REPRESENTATIVE SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE UNDER SUPERNSION OF A LICENSED LAND SURVEYOR.

OUR STRUCTION DATE THAN S. THE CONTRACTOR SHALL PAINT ALL NEW ANTENNAS, SHROUDS, AND RELATED MONITHING HARDWARE TO MATCH THE EXISTING ADJACENT SURFACES. THE CONTRACTOR SHALL BASED PAINT FOR ANTENNAS, ALL SURFACE CONTAINNATION SHALL BE REMOVED PROTO TO MONEY SURFACES.

THE FLANS SHOW SOME NOWN SUBSURFACE STRUCTURES, ABOVE GROUND STRUCTURES, AND OR UTILITIES BELEVED TO EXIST IN THE WORKING AREA. THE EXACT LOCATIONS MAY VARY FROM THE LOCATIONS INDICATED, IN PARTICULAR, THE CONTRACTOR IS WARRED THAT THE EXACT OR EVEN APPROXIMATE LOCATION OF SUCH PREVIOUS SUBSURFACE STRUCTURES, MODIC WILLIES IN THE AREA MAY BE SHOWN OR MAY NOT BE SHOWN, AND IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO PROCEED WITH GREAT CARE IN EXECUTIONS ANY WORK, REPORTED GROUND, CHILLING OR BUSTING, CALL THE UNDERGROUND SERVICES ALERT NUMBER WELL IN ADVANCE OF THE CONTRACTORS, THE PROPOSE OF THE LESS THAN THE MINIMAL MEMORITY OR THE PROPOSE OF THE LOCAL JURISDICTION AND THE VILLIAN STRUCTURES, DUCTS, PIPES, OR OTHER FACILITIES, THE CONTRACTOR SHALL NOTIFY THE RELEVANT THE LOCAL JURISDICTION AND THE UTILITY OWNER MIMEDIATE VAN DO CONFORM TO MAY PROCEED BY THE LOCAL JURISDICTION AND THE UTILITY OWNER MIMEDIATE VAN DO CONFORM TO MAY PROCEED BY THE LOCAL JURISDICTION AND THE UTILITY OWNER MIMEDIATE VAN DO CONFORM TO MAY PROCEED BY THE LOCAL JURISDICTION, AND THE UTILITY OWNER MIMEDIATE VAN DO CONFORM TO MAY PROCEED BY THE LOCAL JURISDICTION, AND THE UTILITY OWNER MIMEDIATE VAN DO CONFORM TO MAY PROCEED BY THE LOCAL JURISDICTION.

ALL EXISTING ACTIVE SEWER, WATER, GAS, ELECTRIC, AND OTHER UTILITIES WHERE ENCOUNTERED IN THE WORK SHALL BE PROTECTED AT ALL TIMES. WHERE REQUIRED FOR THE PROPER EXECUTION OF THE WORK, THEY SHALL BE RELOCATED AS DIRECTED BY ENGINEERS. EXTREME CAUTION SHOULD BE USED BY THE ONTRACTOR WHEN EXCAVATING OR PIER DRILLING AROUND OR NEAR UTILITIES. THE CONTRACTOR SHALL PROVIDE SAFETY TRAINING FOR THE WORKING CREW.

IF AN INACTIVE ELECTRICAL, TELEPHONE, SEWER, WATER, OR ANY OTHER UTILITY ARE ENCOUNTERED AND INTERFERES WITH THE EXECUTION OF THE WORK, THE CONTRACTOR IS TO REMOVE THE UTILITY AND CAP, PLUG, OR OTHERWISE PROPERLY TERMINATE THE UTILITY COMPANY'S RECOMMENDATIONS AND PER LOCAL AUTHORITY HAVING JURISDICTION. LL UTILITY WORK INVOLVING CONNECTIONS TO EXISTING SYSTEMS SHALL BE COORDINATED WITH THE OWNER OR OWNER'S REPRESENTATIVE AND THE UTILITY OWNER BEFORE EACH AND EVERY CONNECTION TO EXISTING SYSTEMS IS MADE.

HE CONTRACTOR SHALL RESTORE ALL PILELIC OR PRIVATE PROPERTY DAMAGED OR REMOVED TO AT LEAST AS GOOD CONDITION AS RECORD DISTURBED AS DETERMINED BY THE OWNER OR OWNER'S REPRESENTATIVE

. THE CONTRACTOR SHALL RESTORE ALL PUBLIC OR PRIVATE PROPERTY DAMAGED OR REMOVED TO AT LEAST AS GOOD CONDITION AS BEFORE INSTRUBED AS DETERMINED BY THE OWNER OR OWNER'S REPRESENTATIVE.
PROVIDE INSTRUCTOR SUPPLICATION ADMINES AND HEAD OF OPENINGING SUPPLIES THROUGH WHICH DEUTHERN THOUGH WHICH DEUTHERN THOUGH SHEEP AS DEAD OF THE OWNER AS THOUGH THE OWNER AS MILE AS THOUGH AND AS THOUGH WHICH DEUTHERN THOUGH SHEEP AS THOUGH AND AS THE ASSTRUCTION AS THE CONTRACT OF THE OWNER, THE OWNER MAY ELECT TO USE A THIRD-PARTY CONFERENCE HAS ALL PROPRIES ASSOCIATED WITH THE REPRISE AND REPORTED ENTEROLEMENTS AND ASSOCIATED WITH THE REPRISE AND REPARCEMENTS AND AS THE ASSOCIATED WITH THE REPRISE AND REPLACEMENTS AND AS THE OWNER, CONTRACT ON THE OWNER, AND THE OWNER, ALL PROPRIES AS SOCIATED WITH THE REPRISE AND REPRESENTATIVE.

ALCUTS ON CONCRETE SIDE MAKES 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.

3. ALL CUTS ON ROTHER SIDEWALKS SHALL BE MADE FROM THE NAMEST JOINT OR SCORE LINE ON INCESTED OF THE EXCAVATION, A ALL CUTS ON ROTHER SIDEWALS SHALL BE MADE BY NAMED FROM THE NAMEST JOINT OR SCORE LINE OF THE EXCENTION FOR THE NAME OF THE PERCENT FROM THE STORAGE AND SAFELY STORED. SAFE STORAGE MAY INCLUDE STORAGE BY THE CONTRACTOR OR WITH ANOTHER FACILITY AS DIRECTED BY THE LOCAL JURISDICTION, BRICK SIDEWALK RESTORATION AFTER CONSTRUCTION SHALL CONFORM TO LOCAL JURISDICTION REQUIREMENTS.

8. ALL CUTS ON SAFEHAL'S IDEWALKS SHALL BE MADE BY THE WORK SHALL BE RESTORED ACCORDING TO LOCAL JURISDICTION REQUIREMENTS.

8. ANY PAVEMENT OR LANE MARKINGS THAT ARE DISRUPTED BY THE WORK SHALL BE RESTORED ACCORDING TO LOCAL JURISDICTION REQUIREMENTS.

7. ANY TRAFFIC LOOPS OR OTHER SIGNAL SYSTEMS EMBEDDED IN THE PUBLIC RIGHT-GY-MAY DESIGNATED BY THE WORK SHALL BE RESTORED BY THE WORK SHALL BE RESTORED ACCORDING TO LOCAL JURISDICTION REQUIREMENTS.

8. ADDITIONAL TIME REQUIRED TO SECULA EPPLACEMENT AND MAKE REPEARS WILL NOT BE CONSIDERED BY THE WORK SHALL BE RESTORED BY THE WORK SHALL BE RESTORED ACCORDING TO LOCAL JURISDICTION REQUIREMENTS.

8. ADDITIONAL TIME REQUIRED TO SECULA EPPLACEMENT AND MAKE REPEARS WILL NOT BE CONSIDERED BY THE WORK SHALL BE RESTORED ACCORDING TO LOCAL JURISDICTION REQUIREMENTS.

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COORDINATE 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

1.2 SITE MAINTENANCE

1 BEBOIC STANDING OR REACTIVE INTERRUIS FROM NEW AND EXISTING SURFACES IMMEDIATELY. REMOVE HAZARDOUS ACCUMULATIONS OF DEBRIS PROMPTLY, AT LEAST DALY. CONFINE DUST PRODUCING OPERATIONS DURING CUTTING, DRILLING, PAINTING AND FINISHING. THERE SHOULD BE NO OVER SPRAYING PAINTING PAINTING AND FINISHING. THE SHOULD BE NO OVER SPRAYING PAINTING PAINT

THEER SHALL NOT BE ANY CREATION OF NOISE CUTSIDE 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 SHOULD REPRODUCE THE NOISE OF T

A MORE AND ENGINED BILLIONS STRUCTURE URBAITON GENERATED BY THE CONSTRUCTION PROCEDURES, EQUIPMENT, TOCA, SALO GENERATOR ARE TO BE KEPT TO A PRACTICABLE UNMANUM, WHERE USE OF HIGH NOISE LEVEL EQUIPMENT IS UNAVIGIDABLE, AND CAN BE HEARD, CONFINE TO HOURS MANDATED BY THE U. AURISDICTION AND PROPERTY COMES OF OWNERS REPRESENTATIVE. . THE CONTRACTOR IS TO PROVIDE PORTABLE FIRE EXTINGUISHERS WITH A RATING OF NOT LESS THAN 2-A OR 2 ABC WITHIN 75FT OF TRAVEL TO ALL PORTIONS OF THE CONSTRUCTION AREA

. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING A NEXT AND ORDERLY SITE, YARD AND GROUNDS. REMOVE AND DISPOSE, LEGALLY OFF SITE, ALL, RUBBISH, WASTE MATERIALS, LITTER, AND ALL FOREIGN SUBSTANCES, REMOVE PETROCHEMICAL SPILLS, STAINS AND OTHER FOREIGN SWOOTHE VENT-EXTURED SURFACEAT PROJECT COMPLETION, REMOVE TEMPORARY SERMICES, CONSTRUCTION EQUIPMENT, TOOLS AND FACILITIES, MOCKUPS, TEMPORARY STRUCTURES, SURPLUS MATERIALS, DEBRIS, AND RUBBISH FROM PROPERTY OWNERS PROPERTY. PLY SITE IN NEW LISE LEAVE ROOF SAID OFFICE PROJECT SCLEAM AND FREE FROM DEBRIS ON A DOLLY MAIN SAID.

THE SITE AND/OR BUILDING SECURITY SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION IN ORDER TO PREVENT UNAUTHORIZED PERSONS FROM ENTERING THE PREMISES. EXISTING AND NEW EQUIPMENT AND MATERIALS REMAIN THE CONTRACTOR'S RESPONSIBILITY AT ALL TIMES DURING CONSTRUCTION.

3. THE TENANT'S INGRESS AND EGRESS OF THE SITE AND/OR BUILDING SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION.

I. THE CONTRACTOR SHALL TAKE ALL MEASURES NECESSARY TO MAINTAIN POLLUTION CONTROL. COMPLY WITH ALL GOVERNING REGULATIONS PERTAINING TO ENVIRONMENTAL PROTECTION. AND PROMPTLY REMOVE ALL DEBRIS AND ACCUMULATION OF MATERIALS RESULTING FROM THE WOR

DEMOLITION AND EXISTING STRUCTURAL ALTERATION

IS SOLELY RESPONSIBLE FOR SHORING, BRACING, PROVIDING LATERAL SUPPORT, AND FOR MAINTAINING THE INTEGRITY OF THE EXISTING STRUCTURE DURING ALL PHASES OF THE DEMOLITION AND CONSTRUCTION AND SHALL PROVIDE, IF REQUIRED, SIGNED AND SEALED SHOP DRAWINGS, BY AND EXPENSE FOR THE SHORING OF ALL WALLS, BEAUS, SLABS, ROOF JOISTS, OR OTHER ELEVATED STRUCTURAL ITEMS, THAT ARE HAVING SUPPORT NOTED FOR DEMOLITION.

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.

1.2 CUTTING & PATCHING .00 NOT DRILL OR CUT EXISTING FLOOR, JOSTS, BEANS, COLUMNS OR OTHER STRUCTURAL EXEMPTS UNLESS SPECIFICALLY MODICATE DRILL, SLASS WHEEL-SPROVED, CORE DRILL CIRCULAR OPENINGS THROUGH CONCRETE SLAB, LINE DRILL FOR RECTANGULAR OPENINGS, MAKE OPENINGS, MAKE OPENINGS OF PROPER SIZE FOR CON-

DUCTS, PRES AND OTHER TIEMS PASSING THROUGH OPENINGS. MAKE ALL NEW HOLES OR OPENINGS WASTHER THAT AND/OR PIRES ARE AS REQUIRED BY LOCAL, BUILDING CODES & ORDINANCES.

WHERE CUTTING OF SUSTING SURFACES OR REMOVAL, OF EXTISTING PIRISES OF EXTISTING PIRISES OR REMOVAL, OF EXTISTING PIRISES OR REMOVAL OF EXTISTING PIRISES OR REMOVAL OF THE WORK AND PIRISES.

1. EXPENDED TO SPACE WHERE NO WORK UNDER THIS CONTRACT IS REQUIRED, ENCLOSE EXISTING AND NEW CONDUITS, DUCTS, PIPES, AND SIMILAR TIEMS IN FURRING WHERE SUCH TIEMS PASS THROUGH PINISHED SPACES WHETHER OR NOT FURRING IS INDICATED.

1. REPAIR, PACH, FINISH AND/OR REPRINISH AS APPLICABLE TO MATCH ADJACENT EXISTING FINISHES, ANY EXISTING SURFACES DAMAGED OR NEW PROPOSED SURFACES DAMAGED DURING PERFORMANCE OF THE WORK UNDER THIS CONTRACT.

3. REPAIR ALL METAL SURFACES THAT HAVE BEEN OUT OR DAMAGED BY REMOVING ANY EXISTING RIST AND APPLYING COLD GAL ANNIZATION.

S BLE ALONG AT THE CASE AND VEGETATION ON THE SITE SHOULD BE HELD TO A MINIMUM, ONLY TREES RECESSARY FOR THE CONSTRUCTION OF THE FACILITY SHALL BE REMOVED, ANY DAMAGES TO PROPERTY OUTSIDE THE CONSTRUCTION UNIT SHALL BE REPARRED OR REPLACED AT THE CONTROL.

3. THE ALONG OF TREES AND VEGETATION ON THE SITE SHOULD BE HELD TO A MINIMUM, ONLY TREES RECESSARY FOR THE CONSTRUCTION OF THE FACILITY SHALL BE REMOVED, ANY DAMAGES TO PROPERTY OUTSIDE THE CONSTRUCTION UNITS SHALL BE REPARRED OR REPLACED AT THE CONTROL.

3. THE ALONG OF THE SHALL PROPERTY OF

4. CLEAR AND GRUB STUMEN, YESE IN LAW, LODGIN, OURSEAN, GUARANT GUARANTE AND AND STUMEN STUDIES. STEPS AND STORMED TO SHEEL ADJACENT PROPERTY, STRUCTURES, BENCHMARKS, AND MONUMENTS.

7. MARK DESIGNATED TREES AND VEGETATION DURING CONSTRUCTION ACTIVITIES.

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

9. REMOVE AND LEGALLY DISPOSE OF CLEARED MATERIALS.

3.2 EXCAVATION AND BACKFILL

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 MANINER SUCH THAT INTERPERENCE WITH AND OSSTRUCTION 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. 5. INCOPELING SHALL OCCUR ON THE SAME DAY OF THE EXCAVATION. IF THIS IS NOT POSSIBLE DUE TO THE COMPLEX NATURE OF THE WORK, EMERGENCY, OR UN-PREVENTABLE CONDITIONS, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE LOCAL JURISDICTION(S) AND TAKE APPROPRIATE MEASURES TO PROTECT PUBLIC SHAPE OF THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE LOCAL JURISDICTION(S) AND TAKE APPROPRIATE MEASURES TO PROTECT PUBLIC SHAPE OF THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE LOCAL JURISDICTION(S) AND TAKE APPROPRIATE MEASURES TO PROTECT PUBLIC SHAPE OF THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE LOCAL JURISDICTION(S) AND TAKE APPROPRIATE MEASURES TO PROTECT PUBLIC SHAPE OF THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE LOCAL JURISDICTION(S) AND TAKE APPROPRIATE MEASURES TO PROTECT PUBLIC SHAPE OF THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE LOCAL JURISDICTION(S) AND TAKE APPROPRIATE MEASURES TO PROTECT PUBLIC SHAPE OF THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE LOCAL JURISDICTION(S) AND TAKE APPROPRIATE MEASURES TO PROTECT PUBLIC SHAPE OF THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE LOCAL JURISDICTION(S) AND TAKE APPROPRIATE MEASURES TO PROTECT PUBLIC SHAPE OF THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE LOCAL JURISDICTION(S) AND TAKE APPROPRIATE MEASURES TO PROTECT PUBLIC SHAPE OF THE CONTRACTOR SHAPE OF THE CO

A UNIDER OF CIRCUMSTANCES SHALL AN OPEN EYCAVATION BE LEFT UNATTENDED OVERNIGHT UNLESS PROPERLY RAPRICADED IN A MANNER MEETING WITH APPROVALEROM LOCAL HURISDICTION/S).

ALL PARSICION, WHICH TRANSPILL MATERIAL SHALL BE PROCESSED GRAVEL. PARSIMENT SACRILL SHALL MEET THE SELECTED FILL STANDARDS AS SHOWN BELOW, UNLESS STRICTER REQUIREMENTS ARE IMPOSED BY THE OWNERS REPRESENTATIVE, GEOTECHNICAL REPORT RECOM-

SIEVE DESIGNATION PERCENT PASSING 3 INCH 1-1/2 INCH

NO. 200 3-940

In the USE of CONTROLLED DIRBITY FILL (DB) MAY BE MANDATED BY THE OWNER'S REPRESENTATIVE, GEOTECHNICAL REPORT RECOMMENDATION, OR BY THE LOCAL JURISDICTION. IF CONTROLLED DENSITY FILL IS MANDATED, IT SHALL CONFORM TO THE REQUIREMENTS SPECIFIED BY OWNER'S REPRESENCE-TO-CONTROLLED DENSITY FILL IS MANDATED, IT SHALL CONFORM TO THE REQUIREMENTS SPECIFIED BY OWNER'S REPRESENCE-TO-CONTROLLED DENSITY FILL IS MANDATED, IT SHALL CONFORM TO THE REQUIREMENTS SPECIFIED BY OWNER'S REPRESENCE-TO-CONTROLLED DENSITY FILL IS MANDATED, IT SHALL CONFORM TO THE REQUIREMENTS SPECIFIED BY OWNER'S REPRESENCE-TO-CONTROLLED DENSITY FILL IS MANDATED, IT SHALL CONFORM TO THE REQUIREMENTS SPECIFIED BY OWNER'S REPRESENCE-TO-CONTROLLED DENSITY FILL IS MANDATED, IT SHALL CONFORM TO THE REQUIREMENTS SPECIFIED BY OWNER'S REPRESENCE-TO-CONTROLLED DENSITY FILL IS MANDATED, IT SHALL CONFORM TO THE REQUIREMENTS SPECIFIED BY OWNER'S REPRESENCE-TO-CONTROLLED DENSITY FILL IS MANDATED, IT SHALL CONFORM TO THE REQUIREMENTS SPECIFIED BY OWNER'S REPRESENCE-TO-CONTROLLED DENSITY FILL IS MANDATED, IT SHALL CONFORM TO THE REQUIREMENTS SPECIFIED BY OWNER'S REPRESENCE-TO-CONTROLLED DENSITY FILL IS MANDATED, IT SHALL CONFORM TO THE REQUIREMENTS SPECIFIED BY OWNER'S REPRESENCE-TO-CONTROLLED DENSITY FILL IS MANDATED, IT SHALL CONFORM TO THE REQUIREMENTS SPECIFIED BY OWNER'S REPRESENCE.

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IN PROFILE OF THE CONTROLLED DENSITY FILL IS

II THE PROJECT INCLUDIES.
 EXCAVATION INTERNCHING, FILLING, COMPACTING AND GRADING FOR STRUCTURES.
 ALL MATERIALS FOR SUB-BASE, DRAINAGE FILL, BACK FILL, GRAVEL FOR SLASS, PAVEMENT AND IMPROVEMENTS.
 ROCK EXCAVATION WITHOUT BLASHING.
 SUPPLY OF ADDITIONAL MATERIALS FROM OFF SITE AS REQUIRED.

4. FILL LAYERS THAT REQUIRE COMPACTION SHALL HAVE A MAXIMUM THICKNESS OF 6 INCHES.
5. THE COMPACTING UNDER STRUCTURES, BULDION SLASS, STEPS, PAYEMENT AND WALKWAYS SHALL BE 9% MAXIMUM DENSITY, ASTM D-1597, 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, CORRESTON, GRANTER PAYERS, OR OTHER SUPPORTING MATERIAL EXISTS, CONTRACTOR SHALL INSTALL CONCRETE TO MATCH THE EXISTING OPETH PRIOR TO INSTALLATION OF TEMPORARY PAYEMENT,
7. WHEN BACKFILL CANNOT EFFECTIVELY BE COMPACTED TO 95'M MAXIMUM DENSITY DUE TO MULTIPLE CONDUITS, DUCTS OR PIPES, CONTROLLED DENSITY FILL (COF) MAY BE REQUIRED.

8. THE COMPACTING UNDER LAWNS OR UNPAVED AREAS SHALL BE 85% MAXIMUM DENSITY, ASTM 01557.

1. 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.

3. CURB STONES MUST BE PLACED ON A BED OF SIX (6) INCHES OF CRUSHED STONE. 9. 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. 11. ALL TRENCH EXCAVATIONS AND ANY REQUIRED SHEETING AND SHORING SHALL BE DONE IN ACCORDANCE WITH OSHA REGULATIONS FOR CONSTRUCTION.

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. 13. THE USE OF EXPLOSIVES IS PROHIBITED ON SITE.

14. ALL EXCAVATION ON WHICH CONCRETE IS TO BE PLACED SHALL BE SUBSTANTIAL HORIZONTAL, UNDISTURBED AND BE FREE FROM LOOSE MATERIAL AND EXCESS GROUND WATER. DEWATERING FOR EXCESS GROUND WATER SHALL BE PROVIDED IF REQUIRED. 15. ALL EACH AT HEAD ON THE REPORT DURING ITS OF THE FEMAL DO SHOULD AND BE THEE HAND LOOSE MAY INSTALL AND EALESS UNDOOR WATE LEVERAL BEYON OF THE SOURCE ITS CREAM TO THE STALL SO THE SHOULD ITS CREAM TO THE EXCAVATION, STONE, IF USED, SHALL NOT BE USED A COMPILAR CONCRETE THIS CO

3.3 PANAGE

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

2. CONSTRUCTION DEBRIS SUCH AS DIRT, TRASH, ROCK, SEDMENT, SAND, AND OTHER POLLUTANTS SHALL NOT BE ALLOWED TO ACCUMULATE IN THE STORM DRAIN OR SEWER CONVEYANCE SYSTEMS.

3. THE CONTRACTOR IS RESPONSIBLE FOR INJURINANIED POSITIVE CRIMANGE 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 ADJACE PROPERTIES WILL BE CORRECTED AT THE CONTRACTORS EXPENSE.

SHALL BE RESPONSIBLE FOR DEWATERING AND THE MAINTENANCE OF SURFACE DRAINAGE DURING THE COURSE OF WORK 5. ANY DRAIN, FIELD TILE, OR DRAINAGE STRUCTURE ENCOUNTERED DURING CONSTRUCTION SHALL BE RETURNED TO ITS ORIGINAL OR BETTER CONDITIONS AFTER CONSTRUCTION AND BE NOTED ON THE RECORD DOCUMENTS PLANS PREPARED FOR: = extenet

- PLANS PREPARED BY: -



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

- LOCATION:

PE STAMP AREA:

ACROSS FROM 320 BOYLSTON ST BOSTON, MA 02116 SUFFOLK COUNTY

li	DRAWING NOTES:	

ORIGINAL PLAN-SCALE: AS NOTED DRAWN BY: PLAN ORIG. DATE: 01/04/23 REVISIONS: REV DESCRIPTION BY DATE

= SITE INFO:					

LAT: 42.352096 LONG: -71.070527 EXTENET NODE ID:

NE-MA-BACKBAY-00116

SITE ADDRESS:

ACROSS FROM 320 BOYLSTON ST

SHEET TITLE:

GENERAL NOTES - SHEET NUMBER: -

GN-1

. CONCRETE 1 GENERAL DESIGN AND C • ACL 301 - SP IZEMERAL SISION AND CONSTRUCTION OF ALL CONCRETE ELEMENTS SHALL CONFORM TO THE LAT ACI 301 - SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS ACI 304 - GUIDE FOR MEASURING, MIXING, TRANSPORTING, AND PLACING CONCRETE ACI 309 - GUIDE FOR CONSOLIDATION OF CONCRETE ACI 318 - BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE ACI 544.1R - FIBER REINFORCED CONCRETE (IF SPECIFIED) ACI 544.2R - MEASUREMENT OF PROPERTIES OF FIBER REINFORCED CONCRETE (IF SPECIFIED)
 MIX DESIGN SHALL BE APPROVED BY THE OWNER'S REPRESENTATIVE AND/OR REQUIREMENTS OF THE LOCAL JURISDICTION PRIOR TO POURING CONCRETE. CONCRETE SHALL MEET THE FOLLOWING REQUIREMENTS (IN AIR ENTRAINED IN-129), WITH A MANDALIN OF 4-10" SILUAP, AND HAVE A MINIMAL 20 DAY CORPRESSIVE 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 MUM AGGREGATE SIZE SHALL BE 1 ASTM A185 & A615 ASTM C33 ADMIXTURES: ASTM C1116 (IF SPECIFIED) REPROPACING DETAILS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF ACI 315.

REPROPACING STEEL SHALL DOWNORM TO ASTM A 616, GRADE 60, DEFORMED UNLESS OTHERWISE NOTED, WELDED WIRE FABRIC SHALL CONFORM TO ASTM A 165 WELDED WIRE FABRIC UNLESS OTHERWISE NOTED, SPLICES SHALL BE CLASS '8' AND ALL HOOKS SHALL BE STANDARD, U.M.O.

THE FOLLOWING MINIMAL CONCRETE COOKS FRAIL BE PROVIDED FOR REINFORCING STEEL UNLESS SHOWN OTHERWISE ON DRAWINGS:

**CONCRETE CAST AGAINST BARTH 3 IN TH OR WEATHER OR NOT CAST AGAINST THE GROUND: CHAMFER OF 1/4 IN SHALL BE PROVIDED AT ALL EXPOSED EDGES OF CONCRETE, U.N.O. IN ACCORDANCE WITH ACI 301 SECTION 4.2.4 NSTALLATION OF CONCRETE EXPANSION/NEDGE ANCHORS SHALL BE PER MANUFACTURER'S RECOMMENDATION FOR EMBEDMENT DEPTH OR AS SHOWN ON THE DRAWINGS. NO REBAR SHALL BE CUT WITHOUT PRIOR ENGINEERING APPROVAL WHEN DRILLING HOLES IN CONCRETE. CURING COMPOUNDS SHALL CONFORM TO ASTM C - 309. ADMIXTURE SHALL CONFORM TO THE APPROPRIATE ASTM STANDARD AS REFERENCED IN ACI-301 CONCRETE 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. 4. OD DOT VISIO OR TACHNILLD REPROPERS STEE.

4. DO DOT VISIO DEPOYED REPOYED STORM THE LESCRIFUNG. CONDUTS, THE SLEEKES, GROUNDS AND ALL OTHER BUBECOID ITEMS AND FORMED DETAILS SHALL BE IT PLACE BEFORE START OF CONCRETE PLACEMENT.

5. ALL DOMES, AND PLACE AND THOMAS CONTROLLED TO CONSTRUCTION AS ACCEPTABLE TO ENGINEER. PLACE REINFORCEMENT CONTINUOUSLY THROUGH JOINT.

7. REPROFEDERS THE WINE RESEARCH SECONDETS OF THE PLACEMENT OF THE PLACE OF WEAKINGS. SUBBRATE THE CONCRETE TO FULLY EMBED REINFORCING. DO NOT USE VIBRATOR TO TRANSPORT CONCRETE THROUGH CHUTES OR FORMWORK.

5. DO NOTE! PLACE CONCRETE IN A LIBRICORN MANNEST TO PREVENT THE FORMATION OF COLD, DATIS AND OTHER PLANES OF WEAKINGS. SUBBRATE THE CONCRETE TO FULLY EMBED REINFORCING. DO NOT USE VIBRATOR TO TRANSPORT CONCRETE THROUGH CHUTES OR FORMWORK.

5. DO NOTE! PLACE CONCRETE AND ADMITISTRATE, LOC SO ON PROTECTION OF THE PLANES OF WEAKINGS. SUBBRATE THE CONCRETE TO FULLY EMBED REINFORCING. DO NOT USE VIBRATOR TO TRANSPORT CONCRETE THROUGH CHUTES OR FORMWORK.

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5. PLACE CONCRETE HAD ADMITISTRATE TH DO NOT WELD OR TACKWELD REINFORCING STEEL. GENERAL.

LL WORK SHALL COMPLY WITH OSHA AND STATE SAFETY REQUIREMENTS, PROCEDURES FOR THE PROTECTION OF EXCAVATIONS, EXISTING CONSTRUCTIONS AND UTILITIES SHALL BE ESTABLISHED PRIOR TO FOUNDATION INSTALLATION. PRIOR TO INITIATING EARTHWORK OPERATIONS, GROUND WATER AND SURFACE WATER CONTROL MEASURES NEED TO BE TAKEN. THE CONTRACTOR SHALL PROVIDE ADEQUATE SLOPING, SHORING, AND BRACING FOR ALL EXCAVATION TO PROTECT ADJACENT STRUCTURES AND COMPLY WITH LOCAL CODES, ORDINANCES, OSHA AND ANSI REQUIREMENT PRIOR TO CONSTRUCTION OF ANY PERMANENT STRUCTURE, THE SITE SHALL BE STRIPPED OF ALL SURFACE VEGETATION, TOP SOIL, AND ORGANIC MATERIAL; ALL WET, SOFT, LOOSE, FROZEN, OR OTHERWISE UNDESIRABLE SOIL SHALL BE REMOVED THE CONTRACTOR IS TO PREVENT SURFACE WATER FROM ENTERING EXCAVATIONS, PUDDLE, AND FROM FLOCOMON ADJACENT PROPERTIES DURING CONSTRUCTION, CONTRACTOR IS ALSO RESPONSIBLE FOR PREVENTING SOFTENING OF THE FOUNDATION SOILS PRIOR TO PLACING CONCRETE.
THE EXPOSED 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 DIRECTED BY INVANCED TO BE STREET OF THE S EXCECTION 6:
THE SOLD REPRESENTATION, INCLIDING FOOTING EXCAVATION, FILL, BACK FILL, AND COMPACTING SHALL BE DONE FOLLOWING THE RECOMMENDATION CONTAINED IN INTERNATIONAL BUILDING CODE (2012).
PROPORTIONS OF CONCRETE MATERIALS SHALL BE SUITABLE FOR THE INSTILLATION METHOD UTILIZED AND SHALL BESULT IN DURABLE CONCRETE FOR RESISTANCE TO ANTICIPATED AGGRESSIVE ACTIONS IN THE VICINITY OF THE FOLINDATION. THE DURABLITY REQUIREMENTS OF ACI 318 CHAPE VERY EXPECTED AT THE SELE. AS ANIBILIAND, CONCRETE SHALL DEVELOP A MINIMAD COMPANIES SHEET SHEET OF SOME PILL OF ADDRESS OF SHEET OF SHEET SH INLUMING DO PREDITION THE LIMBERDARTS.

MINIMAM CONCRET COVER FOR REINFOCKERUS STEEL, BURGEDEAST SHALL BE USED TO INSURE A 3' (FAMI) INHIBIAL COVER ON REINFOCKEMENT,
CONCRETE COVER FOR ATTEMPOR THE TOP OF FOUNDATION TO ENG OF REINFOCKEMENT SHALL NOT EXCEED INCHES SHAMI, NOT BE LESS THAN I SHORES SHAMI.

FOR TOPOTROS IS DESENDED TO BEAR ON DESTRING HAVE AND EAST SHAPE SHAPE SHAPE SHAMI.

FOR DOPOTROS IS DESENDED TO BEAR ON DESTRING HAVE AUTOCONTRON CONTROL SHAPE SH WELDING IS PROHIBITED ON REINFORCING STEEL EMBEDMENTS - ALLOWABLE SOIL BEARING PRESSURE = 2000 PSF - ALLOWARD SHADON ASSISTANCE - 150 PRIFF.

- FOLIOWARD SHADON ASSI - ALLOWABLE SLIDING RESISTANCE = 150 PSF/FT. 2. SELILIES SHALL BE BRACED TO RETAIN PROPER DIMENSIONS DURING HANDLING AND THROUGHOUT PLACEMENT OF CONCRETE. WHEN TEMPORARY CAGES ARE UTILIZED, BRACING SHALL BE ADEQUATE TO RESIST FORCES OCCURRING FROM THE FLOWING CONCRETE DURING CASING.
2. DONCRETE COVER FROM TOP OF FOUNDATION TO SINGS OF VERTICAL REPROPRICEMENT SHALL REPROPRICEMENT SHALL BE ADEQUATE TO EXCEED SHOWS (8 MM) NOR BELLESS THAN 2 INCHES (9 MM).
3. SPACERS SHALL BE ATTACHED INTERNITEMENT THROUGHOUT THE DITTER LENGTH OF VERTICAL REPROPRICES CASES TO INSURE CONCENTRIC PLACEMENT OF CAGES IN EXCAVATIONS.
4. POUNDATION BEARD MODIFICATIONS HAVE BEFORE THE FOLLOWING DESIAN PRAMEERS ARE NOT APPLICABLE FOR THE SURFACE CONDITIONS HAVE RECOVERED TO THE FOLLOWING:
5. FOR FOUNDATION AND ANCHOR TOLERANCES REFER TO TOWER MANUFACTURER DRAWINGS FOR SPECIFIC JOB NUMBER AND DATE. IN ASSENCE OF MORE SPECIFIC INFORMATION. THE CONTRACTOR MAY USE THE FOLLOWING: POLE FOLIAGATION

JOLIO FOLIAMO 1, 15% OF SHAFT EMBRITER (IMAX.)

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THE CONTINUE OF SHALL PROVIDE ALL LARGE, MISTERIALS, REJURNACE, COMPANY, TRANSPORTATION, CONSTRUCTION TOOLS, CTP, OF THE INSTALLATION OF COMPANY REGULATIONS AND APPLICABLE REQUIREMENTS, INSTALLATION WILL ALSO COMPANY WITH THE LATEST EDITIONS OF ALL COGES AND STANDARDS OF THE ENTITIES LISTED UNDER THE PROVIDED OF THE PRO E SUBCONTRACTOR SHALL NOTIFY AND OBTAIN NECESSARY AUTHORIZATION FROM THE CONTRACTOR BEFORE COMMENCING WORK ON THE AC POWER DISTRIBUTION PANELS INSPECTIONS
SENERAL 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. NSPECTIONS REQUIRED: AS PER THE LAWS AND REGULATIONS OF THE LOCAL ANDIOR STATE AGENCIES HAVING JURISDICTION AT THE PROJECT SITE. NSPECTIONS AGENCY: APPROVED BY THE LOCAL AND/OR STATE AGENCIES HAVING JURISDICTION AT THE PROJECT SITE. ERTIFICATES: SUBMIT ALL REQUIRED INSPECTION CORTICATES TO THE CARRIER AND UTILITY. SHANGERS AND SUPPORTS
WATERIAS: ALL HANGERS, SUPPORTS, FASTENERS AND HARDWARE SHALL BE ZINC COATED OR OF EQUIVALENT CORROSION RESISTANCE BY TREATMENT OR INHERENT PROPERTY AND SHALL BE MANUFACTURED PRODUCTS DESIGNED FOR THE APPLICATION. PRODUCTS FOR OUTDOOR USE SHALL BE HOT DIP OF ATERIALS ALL HANGERS, SUPPORTS, PASTEMERS AND HARDWARE SHALL BE ZINC COATED OR OF COUNMENT CORROSON RESISTANCE BY TREATMENT OR INFERENT PROPERTY AND SHALL BE MANUFACTURED PRODUCTS DESIGNED FOR THE APPLICATION. PRODUCTS FOR OUTDOOR USE SHALL BE HOT DIP CALVANIZED.
PYRES IMMERIES, STRANGE, EASER SUPPORTS, CAMPS, LICHARD, IRREADED ROOS, CET, CAS RIGILATED OR REQUIRED.
NSTALLATION, RIGIDLY SUPPORT AND SECURE ALL MATERIAL, RECORD AND EQUIPMENT TO BUILDING STRUCTURE USING HANGERS, SUPPORTS AND FASTEMERS SUITABLE FOR THE USE ON MATERIALS AND LOADS ENCOUNTERED, PROVIDE ALL RECESSARY HARDWARE, PROVIDE CONDUIT SUPPORTS AT MAXIMUM S FT, OC. STRUCTURE AND ADMINISTRATION OF THE PROPERTY OF THE PROVIDE OF THE PROPERTY OF THE PROVIDE OF THE PROVI SCELLANEOUS SUPPORTS: PROVIDE ANY ADDITIONAL STRUCTURAL SUPPORT STEEL BRACKETS, ANNISES, FASTENERS AND HARDWARE AS REQUIRED TO ADEQUATELY SUPPORT ALL ELECTRICAL MATERIALS AND EQUIPMEN NE-HOLE STRAPS SHALL NOT BE USED FOR CONDUITS LARGER THAN 3/4 INCH.

6.4 ENCLOSURESWIREWAYS
1. EQUIPMENT CABINETS, TERMINAL BOXES, JUNCTION BOXES AND PULL BOXES SHALL BE GALVANIZED OR EPOXY-COATED SHEET STEEL, SHALL MEET OR EXCEED UL 50, AND BE RATED NEMA 1 (OR BETTER) INDOORS OR NEMA SR (OR BETTER) OUTDOORS. 2. WIREWAYS SHALL BE EPOXY-COATED (GRAY) AND INCLUDE A HINGED COVER AND RATE NEMA 1 (OR BETTER) INDOORS, OR NEMA 3R (OR BETTER) OUTDOOR 3. JUNCTION BOXES: JUNCTION BOXES SHALL BE A MINIMUM SIZE OF 4 INCHES SQUARE BY 1-1/4 INCHES DEEP. 1. GENERAL PROVIDE ALL HOLES, SLEVES AND OPENINGS REQUIRED FOR THE COMPLETION OF WORK AND RESTORE ALL DAMAGED SURFACES TO MATCH SURROUNDING SURFACES.

2. CONDUTT ENERTRATIONS: SIZE CORE-DRILLED HOLES SO THAT AN ANNUALS SPACE OR NOT LESS THAN INCHAIN ONT MODE THAN I THON! IS LET AROUND THE CONDUIT, PIPE, ETC. WHEN OPENINGS ARE CUT IN LIEU OF CORE-DRILLED, PROVIDE SLEEVE IN ROUGH OPENING, SIZE SLEEVES TO PROVIDE AN ANNUALS SPACE OF NOT LESS THAN INCHAIN OF THE CONDUIT, PIPE, ETC. WHEN OPENINGS ARE CUT IN LIEU OF CORE-DRILLED, PROVIDE SLEEVE IN ROUGH OPENING, SIZE SLEEVES TO PROVIDE AN ANNUALS SPACE OF NOT LESS THAN INCHAIN OF THE PIPE AND AND APPLICATIONS REQUIRED AND APPLICATIONS APPLICATIONS REQUIRED AND APPLICATIONS APPLICATIONS APPLICATIONS REQUIRED AND APPLICATIONS APPLICATIONS APPLICATIONS AND APPLICATIONS APPLICATIONS APPLICATIONS AND APPLICATIONS APPLICATIONS APPLICATIONS APPLICATIONS AND APPLICATIONS APPLICA 8.5 HOLES. SLEEVES AND OPENINGS 1 OF NOTE THE PROVIDER ALL HOLES, SLEEVES AND OPENINGS REQUIRED FOR THE COMPLETION OF WORK AND RESTORE ALL DAMAGED SURFACES TO MATCH SURROUNDING SURFACES 86.00MD/CTORS
TUBE BIRS CONDUCTIVITY COPPER WITH TYPE XHHALZ INSULATION, 600 YOLT, COLOR CODED, USE SOUD 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 CONNITERATING. LUGS FOR NO. 8 AWG AND LARGER, ALUMINUM CONDUCTORS SHALL NOT BE USED. 2, NO BX, MC OR ROMEX CABLE SHALL BE PERMITTED 3. EACH END OF EVERY POWER, GROUNDING AND 11 CONDUCTOR AND CASLE SHALL BE LABELED WITH COLOR-CODED INSULATION OR ELECTRICAL TAPE (3M BRAND, % INCH PLASTIC ELECTRICAL TAPE WITH UV PROTECTION, OR EQUAL). THE IDENTIFICATION METHOD SHALL CONFORM WITH NEC AND OSH-REQUIREMENTS.

A ALL TER WARPS SHALL BE CUT FLUSH WITH APPROVED CUTTING TOOL. REMOVE SHARP EDGES.

5. ALL CONDUIT SIZES SPECIFIED IN THIS DOCUMENT WERE DONE TAKING INTO ACCOUNT THE USE OF COPPER CONDUCTORS. 6.7 <u>ELECTRICAL SERVICE</u>
1. GENERAL: COMPLY WITH AND CO-ORDINATE ALL REQUIREMENTS OF THE UTILITY COMPANY. 1. GENERAL COMPLY WITH AND CONCRIVATE ALL REQUIREMENTS OF THE UTILITY COMPANY.

2. SONT FIGURI THATKING SPOUNDE COMPINENT WITH HORSE PLATE LUTILITY THAT THAT SAYS AS EXCEPTED TO MATCH UTILITY COMPANY AVAILABLE FAULT CURRENT.

3. CONTRACTOR TO VERFEY UTILITY CO. FAULT CURRENT AND DISSIDER THAT ALL EQUIPMENT REST FAULT CURRENT (AN ENDIAGRAM ALL EQUIPMENT TO BE 50,000 AC).

4. THE CONTRACTOR IS RESPONSIBLE FOR MANING ARRANGEMENTS WITH THE ELECTRIC UTILITY RELATIVE TO A NUMBRIAN ALL EQUIPMENT TO BE 50,000 AC).

5. DENTIFICATION, DENTIFY SERVICE DISCONNECTION NEWS WITH PERMANENT NAMEWATE.

6. THE LOCATION AND AUTHORITY SERVICE DISCONNECTION TO NEW UTILITY SERVICE DISCONNECTION TO SERVICE DISCONNECTION T 8.8 CHECKOUT. TESTING AND ADJUSTING
1. CORRECTIONREPLACEMENT: 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 DERNED FROM A 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. 3. WHIRE IT IS PROVINCE DESTRUCT PROVINCE SECURITY PROVINCE SECURI PE STAMP AREA: — 9. THE CONTRACTOR SHALL FIELD VERIFY THE BEST AND LEAST DISRUPTIVE ROUTING OF CONDUITS, CABLE TRAYS AND DUCTS, CONDUIT ROUTING IS SHOWN AS A GUIDE ONLY, ACTUAL CONDUIT PLACEMENT IS TO BE DONE IN A PROFESSIONAL MANNER 4.0 BELOW ISSUES

1. THIS STEE DUCKINGS NEW CONTION. UNDERGROUND ELECTRIC, TELEPHONE AND OTHER SERVICES IN THE VIDINITY OF OTHER UNDERGROUND SERVICES AND EQUIPMENT SUPPORTS. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO AVOID SERVICE DISRUPTION TO THESE FACILITIES
ELECTRIC AND TELEPHONE. AND ALL OTHER APPROPRIATE AGENCES PRIOR TO EXCAVATION AT THIS SITE.

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1. THIS STEE DUCKING AND ALL OTHER APPROPRIATE AGENCES PRIOR TO EXCAVATION AT THIS SITE. 2 PHOS TO DECIMATION A UTILITY MARK OUT SHALL BE DONE TO LOCATE EXISTING UNDERGROUND UTILITIES. ALL UNDERGROUND UTILITIES MUST BE LOCATED AND MARKED OUT PRIOR TO ANY EXCAVATION WORK SEING PERFORMED, PHOTOS SHALL BE TAKEN OF ALL UNDERGROUND WORK AND GIVEN TO THE OWNER OR OWN AND EXCAVATION WITHIN EXISTING COMPOSITION AS INSTRUCTED BY HAND IN ACCORDANCE WITH THE COUNTRY'S SPECIFICATIONS. ANY OTHER METHODS OF DIGGING MIST FIRST BE APPROVED BY THE CONSTRUCTION. 4. ALL LOW VOLTAGE CONDUIT (800V OR LESS) SHALL HAVE A MINIMUM BURIAL DEPTH OF 24". ALL HIGH VOLTAGE CONDUIT (800V OR MORE) SHALL HAVE A MINIMUM BURIAL DEPTH OF 35".

S. UNDERGROUND CONDUIT SHALL BE ENCASED IN REINFORCED CONCRETE IN AREAS OF VEHICLE TRAFFIC. CONCRETE ENCASEMENT SHALL BE 3" MINIMUM ALL AROUND AND BETWEEN CONDUITS. 6. ALL BURIED CONDUIT SHALL BE IDENTIFIED WITH ELECTRICAL MARKER TAPE, TAPE SHALL BE PLACED 12" ABOVE CONDUIT FOR EASY IDENTIFICATION. A TO TRANSIENT WITH LIGHT MAD CORE - OR TO A POWER FAIL E. B. BROTALED IN ALL EXISTING FACILITIES THAT ARE MISSING TYSS DEVICES OR HAVE USUSTABLE THE SERVICES.

2. THE ACT OFFICE OR A POWER FAIL E. B. BROTALED IN ALL EXISTING FACILITIES THAT ARE MISSING TYSS DEVICES OR HAVE USUSTABLE TO SERVICES.

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2. THE ACT OFFICE OR SHAPE SHAPE EXISTING THE SHAPE AND THE SHAPE OF THE MANUAL TRANSFER SHITCH.

3. THE ACT OFFICE OR SHAPE SHAPE EXISTING THE SHAPE EXISTING THE SHAPE 7. GEODINDIG 1. GENERAL GROUNDING MATERIALS AND NOTES 1. GENERAL GROUND MATERIALS AND NOTES 1. GENERAL GROUND MATERIALS AND NOTES 1. THE SUBCONTRACTOR SHALL KERRY THAT THE SYSTEMS EFFECTIVELY GROUNDED, MEETS NEC ARTICLE 250 REQUIREMENTS, IS ACCEPTABLE TO THE LOCAL LITTLY AND THE LOCAL LITTLY HAVING JURISDICTION, AND MEETS THE CARRIER'S ELECTRICAL AND GROUNDING SPECIFICATIONS, FOLLOWING COMPLETION OF WORK, CONDITIONS, WHICH STREAM CONDITIONS, CONDITIONS, CONDITIONS, AND MEETS THE CARRIER'S ELECTRICAL AND GROUNDING SPECIFICATIONS, FOLLOWING COMPLETION OF WORK, CONDITIONS, CONDI ALL DEFILES FOR DATE OF THE PRICE OF THE PRI DETAILS.

6. GROUND WIRE. OUTSDEJUNDERGROUND, MINIAUM NO. 2 AMERICAN VIRE GAUGE (AWG) BARE, SOLD, ANNEALED, TRINED COPPER WIRE (BTOW) BUT SEED IN ACCORDANCE WITH NECT TABLE 250.65, SERVICE SIZE, AND LOCAL UTILITY REQUIREMENTS. UNDER NO GROUNDSTRACES IS STRANDED WIRE ACCEPTABLE. ALL BURIED WIRE SHALL BE INSTALLED TO MEET MINIBULE SHOWNESS SHALL, NOT BE INSTALLED TO RECOVERY DIRECTION. SHAPE SHALL BE SERVICE SIZE, AND LOCAL UTILITY REQUIREMENTS. UNDER NOT RECOVERY SHAPE SHALL BURIED WIRE SHALL BE INSTALLED TO MEET WIRE SHAPE 8. EXOTHERMIC WELDING: EXOTHERMIC WELDS SHALL BE CADWELD, A REGISTERED TRADEMARK OF ERCO PRODUCTS, INC. OF CLEVELAND, OHIO, OR THERMOWELD, A DIVISION OF CONTINENTAL INDUSTRIES, INC. OF TULSA OKLAHOMA OR EQUIVALENT. 8. ORGAND ROD -58° X-PEET (MINIMUM LENGTH) STEEL WITH PURE COPPER JOCKET NOT LESS THAN 0.007 INDICES THICK GROUND RODS SHALL BE SPACED NO GREATER THAN 15 FT, O.C. AND NO LESS THAN 6 FT, O.C.
10. GROUND ROD -60 DEPLOYERS -55° GROUND ROD COPPER NOW OF THE BOOKEN ROD TO PREVENT ISSINUAL METAL HIGH OXIDATION POINTS.
11. CHEMICAL GROUND ROD -COMPRISED OF A HOLLOW COPPER GROUND ROD, A GROUND TEST WELL A 4"-0" EXTINEMENTALL HIGH CONDITIONS WHEED BY BOTALL AND CONDUCTIVE BROKEFUL MATERIAL, THE CHEMICAL GROUND ROD SHALL BE MADE OF A MINIMUM OF 2-INCH LD, TYPE K COPPER TUBE WITH A MINIMUM WALL THICKNESS OF 0.068 INCHSHALL BE A MINIMUM OF SEET IN LEIGHT. THE CHEMICAL, GROUND ROD SHALL BE LUISTED, IN STRUCTURE SHA DARKS GROUND BEST SHILL BE UNIQUE TO AS SPECIFIED, NO SENTING SHEEL LOSS LIGHT SHEEL THAT SHEEL THE SHEEL BE ACCURATE WITHIN 128 MICH THE SHEEL BE ACCURATE WITHIN 1881 MICH THAT IS RESIDENT AS SPECIFIED, NO SENTING SHEEL THAT SHEEL THAT SHEEL THAT SHEEL SHEEL BE ACCURATE WITHIN 1881 MICH THAT SHEEL THAT SHE 3. INSULATORS: POLYESTER FIBERMSASS, 15 KV MINIMUM DIELECTRIC STRENGTH, FLAME RESISTANT PER UL 94 VO CLASSIFICATION. 14. 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. 14. CUES WHEN SECURING ANY ROUND WRIES, SOLD OR STRANGE, INSULATED OR UNRIBLUATED OR UNRIBLUATED NEW SUB OR OTHER DEVICES THAT ARE CONDUCTIVE AND FOR ANY A CLOSED LOOP, HEAT LIC CUES ARE ACCEPTABLE IT HEY DO NOT FORM A CLOSED LOOP.

16. COLOR GROUNDING HIT. COLOR APPOINT MAN FOR LOOP BROWN AND FOR THE COLOR APPOINT AND FOR THE COLOR AND FOR THAT ARE CONDUCTIVE AND FOR THE COLOR AND FOR THAT ARE CONDUCTIVE AND FOR THE COLOR AND FOR THAT ARE CONDUCTIVE AND FOR THE COLOR AND FOR THAT ARE CONDUCTIVE AND FOR THE COLOR AND FOR THAT ARE CONDUCTIVE AND FOR THE COLOR AND FOR THAT ARE CONDUCTIVE AND FOR THE COLOR AND FOR THAT ARE CONDUCTIVE AND FOR THE COLOR AND FOR THAT ARE CONDUCTIVE AND FOR THE COLOR AND FOR THAT ARE CONDUCTIVE AND FOR THE COLOR AND FOR THAT ARE CONDUCTIVE AND FOR THAT ARE CONDUCTIVE AND FOR THAT ARE CONDUCTIVE AND FOR THE COLOR A IN THE PUT IS CHILD AND THE OWNER OF THE OWNER OF THE OWNER OWNER OF THE OWNER LATION

COAXIAL CABLE LENGTHS SHALL BE FIELD MEASURED. INSTALLER SHALL NOTIFY CARRIER PRIOR TO PURCHASE OF CABLE OF THE OVERALL LENGTH REQUIRED. COMMAL CABLE TYPE AND DIAMETER SHALL BE VERRIED WITH CARRIER.

COMMAL OBLESS SHALL BE LASSEED IN ACCORDANCE WITH CARRIER ELECTRICAL MATERIALS AND METHODS SPECIFICATIONS. AIL MAIN CABLES WILL BE COLOR COOED AT FOUR LOCATIONS. A) AT ANTENNA PRIOR TO JUMPER, B) AT THE BOTTOM OF THE TOWER, C) EXTERIOR PART OF THE WAVE GUIDE ENTRY PORT (AT THE LEGICLE THE CABLE) IN THE BOTTOM OF THE SHELL PERCORDER.

IN STALL COMMENTORS TO COMAL CABLE A FOOTH PROS. PARTHER THE AND THE LOCATION).

IN STALL COMMENTORS TO COMAL CABLE A FOOTH PROS. PARTHER THE AND THE COMMENT OF THE WAVE BEAUTY OF THE 3. CABLES SHALL BE INSTALLED WITH THE MINIMUM NUMBER OF BENDS, CABLE SHALL NOT BE LEFT UNTERMINATED IN THE FIELD. GROUNDING KITS - AFTER INSTALLATION OF GROUND STRAPS. THE CONNECTIONS SHALL BE MADE WEATHER TIGHT USING WEATHER FROOF KITS AS IDENTIFIED. GROUND PIGTALS SHALL BE BROUGHT OUT IN THE DOWNWARD DIRECTION FROM THE CONNECTION SHALL BE MADE TO GROUNDING SYSTEM 8.2 ANTENNA REQUIREMENTS; 1. AZIMUTHS ARE ORIENTED CLOCKWISE FROM TRUE NORTH. 2. CONTRACTOR SHALL VERIFY ANTENNA TYPE, AZIMUTHS, AND DOWNTILTS WITH THE CARRIER PRIOR TO CONSTRUCTION

PLANS PREPARED FOR: = extenet YOUR NETWORK EVERYWHERE.

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LOCATION: ACROSS FROM 320 BOYLSTON ST BOSTON, MA 02116 SUFFOLK COUNTY

DRAWING NOTES: •

ORIGINAL PLAN SCALE: AS NOTED DRAWN BY: PLAN ORIG. DATE: 01/04/23

RE'	VISIONS:	_	
REV	DESCRIPTION	ву	DATE
CIT	E INFO:		

LAT: 42.352096

LONG: -71.070527

EXTENET NODE ID:

NE-MA-BACKBAY-00116

SITE ADDRESS:

ACROSS FROM 320 BOYLSTON ST

SHEET TITLE:

GENERAL NOTES

- SHEET NUMBER: -

GN-2