



**SITE NAME: HOLLISTON 4 MA**  
**LOCATION CODE: 430505**  
**ADDRESS: 725 WASHINGTON STREET**  
**HOLLISTON, MA 01746**  
**CO-LOCATE - STEEPLE**

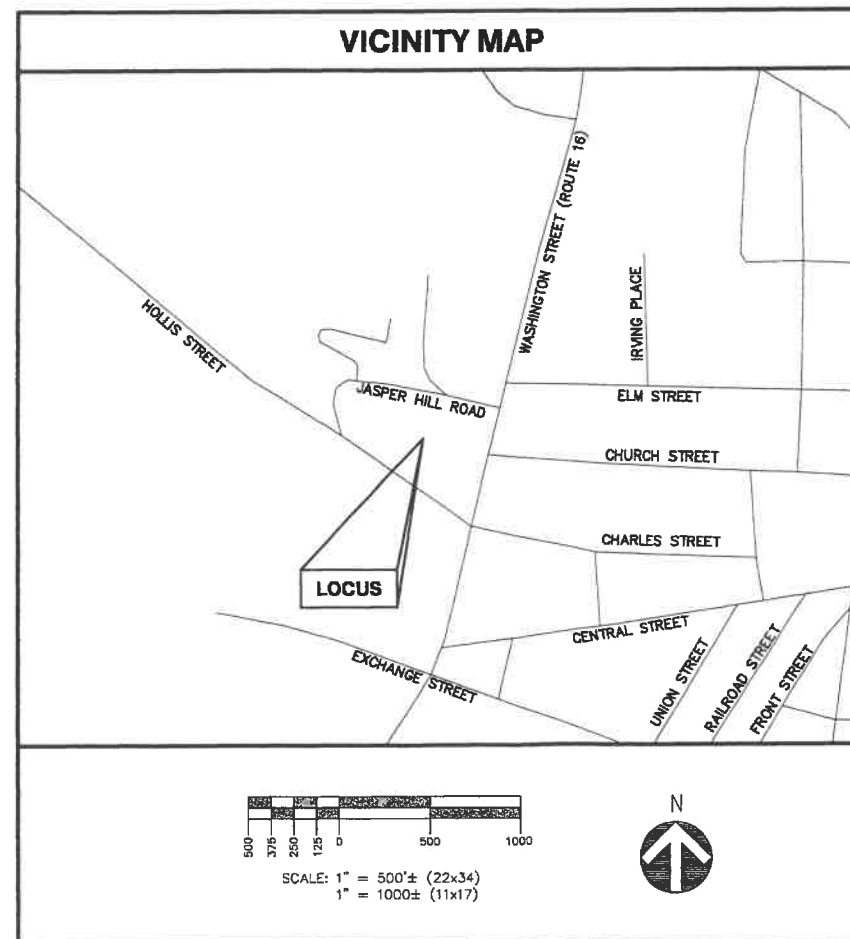
#### DRAWING INDEX

SHEET	DESCRIPTION	REVISION
T-1	TITLE SHEET	0
C-1	OVERALL PLAN	A
C-2	EXISTING CONDITIONS PLAN	A
Z-1	ABUTTERS PLAN	0
Z-2	SITE LAYOUT PLAN	0
Z-3	ELEVATION & ANTENNA PLAN	0
Z-4	EQUIPMENT PLAN & DETAILS	0
Z-5	DETAILS	0

#### GENERAL NOTES

- CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE ENGINEER & OWNER REPRESENTATIVE IN WRITING OF DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.
- PLANS FOR PERMITTING USE ONLY. NOT FOR CONSTRUCTION.
- THIS PLAN SET WAS ORIGINALLY PRINTED TO ANSI D (22"x34") WITH 1" MARGINS. PRINTING TO ANSI B (11"x17") WILL RESULT IN A HALF-SCALE (1:2) SHEET SET WITH 1/2" MARGINS. CONFIRM ALL SCALED DISTANCES WITH GRAPHICAL SCALES SHOWN HEREIN.
- ALL UNDERGROUND UTILITY INFORMATION WAS DETERMINED FROM SURFACE INVESTIGATIONS AND EXISTING PLANS OF RECORD. THE CONTRACTOR SHALL LOCATE ALL UNDERGROUND UTILITIES IN THE FIELD PRIOR TO ANY SITE WORK. CALL DIG-SAFE (888) 344-7233 72-HOURS PRIOR TO ANY EXCAVATION.
- NEW CONSTRUCTION WILL CONFORM TO ALL APPLICABLE CODES AND ORDINANCES:  
BUILDING CODE: MASSACHUSETTS STATE BUILDING CODE 780 CMR - 9TH EDITION (IBC 2015) AND AMENDMENTS  
ELECTRICAL CODE: NEC 2017 WITH MASSACHUSETTS AMENDMENTS 527 CMR 12.00
- SUBJECT TO LOCAL ZONING APPROVAL BY AUTHORITY HAVING JURISDICTION (AHJ).

#### VICINITY MAP



#### PROJECT INFORMATION

**SITE TYPE:** CO-LOCATION IN EXISTING STEEPLE  
**SCOPE OF WORK:** PROPOSED ANTENNAS AND RF EQUIPMENT MOUNTED WITHIN EXISTING CHURCH STEEPLE. PROPOSED GROUND CABINET ON PROPOSED CONCRETE PAD.  
**SITE NAME:** HOLLISTON 4 MA  
**LOCATION CODE:** 430505  
**SITE ADDRESS:** 725 WASHINGTON STREET  
HOLLISTON, MA 01746  
**ASSESSOR'S TAX ID#:** 008.A-0001-0026.0  
**ZONING DISTRICT:** AR-2  
(AGRICULTURAL-RESIDENTIAL DISTRICT B)  
**LATITUDE:** 42° 12' 05.80"± N (SURVEY 1A)  
**LONGITUDE:** 71° 25' 48.04"± W (SURVEY 1A)  
**(E) ELEVATION:** 209.0'± (332.0'± AMSL HIGHEST APPURTENANCE)  
**DATUM:** NAD83/NAVD88  
**PROPERTY OWNER:** N/F FIRST CONGREGATIONAL CHURCH OF HOLLISTON  
725 WASHINGTON STREET  
HOLLISTON, MA 01746  
**APPLICANT:** CELCO PARTNERSHIP  
d/b/a VERIZON WIRELESS  
118 FLANDERS ROAD  
THIRD FLOOR  
WESTBOROUGH, MA 01581  
**SITE ENGINEER:** PROTERRA DESIGN GROUP, LLC  
4 BAY ROAD,  
BUILDING A, SUITE 200  
HADLEY, MA 01035  
TEL: (413) 320-4918  
**SURVEY:** NORTHEAST SURVEY CONSULTANTS, PC  
116 PLEASANT ST., SUITE 302  
PO BOX 109  
EASTHAMPTON, MA 01027  
TEL: (413) 203-5144

**ZONING**

**ProTerra**  
DESIGN GROUP, LLC

4 Bay Road  
Building A, Suite 200  
Hadley, MA 01035  
(413) 320-4918

CONSULTANTS:

NO. DATE REVISIONS  
A 05/05/20 ISSUED FOR REVIEW  
0 06/22/20 ISSUED FOR PERMITTING

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**CELLCO PARTNERSHIP**  
**d/b/a VERIZON WIRELESS**  
**118 FLANDERS ROAD**  
**THIRD FLOOR**  
**WESTBOROUGH, MA 01581**

**TITLE:**

**STAMP:**



**DATE:** 05/05/20

**DRAWN:** JRM/JEB

**CHECK:** JMM/TEJ

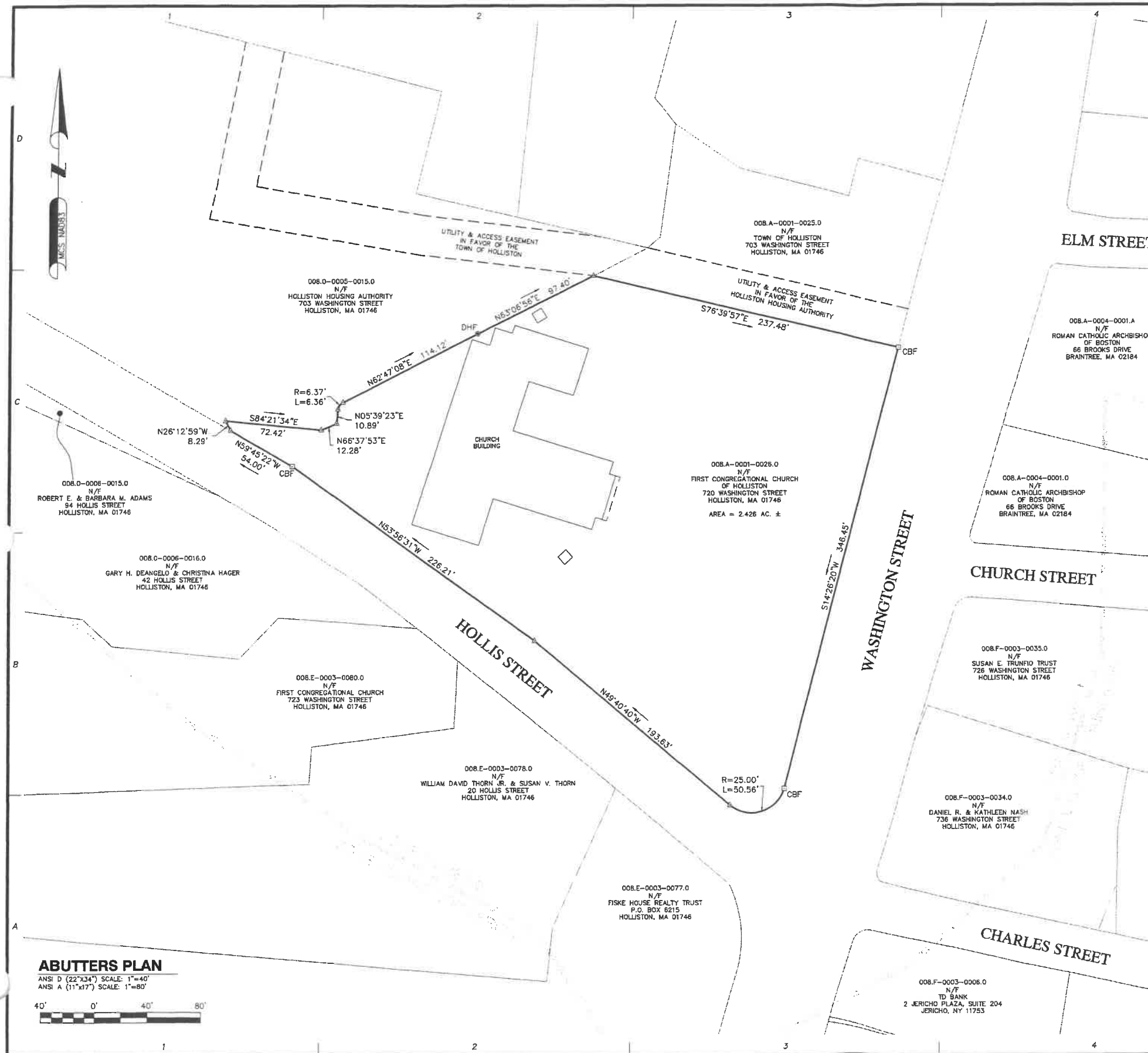
**SCALE:** SEE PLAN

**JOB NO.:** 13-030

**SHEET TITLE:**

**TITLE SHEET**

**T-1**



**ABUTTERS PLAN**

ANSI D (22"x34") SCALE: 1"=40'  
ANSI A (11"x17") SCALE: 1"=80'



**FAA 1-A CERTIFICATION**

I HEREBY CERTIFY THAT THE LATITUDE, LONGITUDE, AND ELEVATION PRESENTED HEREON MEET THE REQUIREMENTS OF THE FAA WITH THE FOLLOWING ACCURACIES:

THREE (3) FEET VERTICALLY  
TWENTY (20) FEET HORIZONTALLY

*Daniel F. Stasz*  
DANIEL F. STASZ, PLS #47160

12-19-2019  
DATE

**SURVEY NOTES**

1. SITE DETAIL SHOWN ON THIS SURVEY IS BASED ON FIELD DATA COLLECTED ON 9/5/2019 & 9/6/2019.
2. THE PURPOSE OF THIS SURVEY IS TO SUPPORT THE DESIGN AND CONSTRUCTION OF A TELECOMMUNICATION FACILITY. USE OF THIS SURVEY BY ANYONE OTHER THAN VERIZON AND USE OF THIS SURVEY FOR ANY PURPOSE NOT RELATED TO THE DESIGN OF THE INTENDED FACILITY IS STRICTLY PROHIBITED.
3. PROPERTY LINES AND BOUNDARY DIMENSIONS SHOWN ON THIS SURVEY ARE BASED ON A COMPILATION OF RECORDED PLANS AND DEEDS AND ARE NOT INTENDED TO REPRESENT DEFINITIVE BOUNDARY LINES OR BE USED FOR THE PURPOSES OF CONVEYANCE. PROPERTY RELATED INFORMATION HAS NOT BEEN CONFIRMED BY FIELD SURVEY OBSERVATIONS AND NO ASSESSMENT OF LAND OCCUPATION HAS BEEN CONDUCTED IN THE PREPARATION OF THIS SURVEY. A PROPERTY LINE RETRACEMENT SURVEY HAS NOT BEEN CONDUCTED.
4. THE PROPERTY LINES SHOWN ON THIS PLAN ARE THE LINES DIVIDING EXISTING OWNERSHIP'S, AND THE LINES OF STREETS AND WAYS SHOWN ARE THOSE OF PUBLIC OR PRIVATE STREETS OR WAYS ALREADY ESTABLISHED, AND NO NEW LINES FOR DIVISION OF EXISTING OWNERSHIP OR FOR NEW WAYS ARE SHOWN.
5. PRIMARY GEODETIC SURVEY CONTROL WAS ESTABLISHED FROM AN ON THE GROUND SURVEY USING THE GLOBAL POSITIONING SYSTEM (GPS) ON 9/5/2019. THE HORIZONTAL REFERENCED DATUM IS THE NAD 83 BASED ON THE GRS 80 REFERENCE ELLIPSOID. THE GRID COORDINATES ARE BASED ON THE MASSACHUSETTS STATE PLANE COORDINATE SYSTEM OF 1983. ELEVATIONS SHOWN ARE ASSUMED AND ARE APPROXIMATED TO THE NAVD 88 VERTICAL DATUM. VERTICAL AND HORIZONTAL INFORMATION SHOWN MEETS THE STANDARD CRITERIA FOR AN FAA 1A CERTIFICATION (20± HORIZONTAL AND 3± VERTICAL).
6. IN THE EVENT THAT BENCHMARKS (TBM'S), ESTABLISHED FOR THIS PROJECT AND PUBLISHED ON THIS SURVEY, ARE DESTROYED, NOT RECOVERABLE OR A DISCREPANCY IS FOUND, THE USER SHOULD NOTIFY THIS FIRM IN WRITING PRIOR TO COMMENCING OR CONTINUING ANY WORK.
7. THE LOCUS PARCEL IS SHOWN AS PARCEL 008.A-0001-0026.0 IN THE TOWN OF HOLLISTON TAX ASSESSOR'S DATABASE.
8. THE PROJECT AREA IS LOCATED IN FLOOD ZONE "X" (AREAS OF MINIMAL FLOODING) AS SHOWN ON FLOOD INSURANCE RATE MAP COMMUNITY PANEL NUMBER 25017C 0633 E, DATED 06/04/2010.
9. THE LOCUS PARCEL AND ALL ABUTTING PARCELS ARE LOCATED IN THE TOWN OF HOLLISTON AGRICULTURAL RESIDENTIAL B ZONING DISTRICT.
10. ALL UNDERGROUND UTILITY INFORMATION WAS DETERMINED FROM SURFACE INVESTIGATIONS AND EXISTING PLANS OF RECORD. THE CONTRACTOR SHALL LOCATE ALL UNDERGROUND UTILITIES IN THE FIELD PRIOR TO ANY SITE WORK. CALL THE FOLLOWING FOR ALL PRE-CONSTRUCTION NOTIFICATION 72-HOURS PRIOR TO ANY EXCAVATION ACTIVITY: DIG SAFE SYSTEM (MA, ME, NH, RI, VT): 1-888-344-7233
11. NO WETLAND DELINEATIONS WERE OBSERVED DURING THE FIELD SURVEY.

PROPERTY OWNER: FIRST CONGREGATIONAL CHURCH  
723 WASHINGTON STREET  
HOLLISTON, MA 01746

LOCUS DEED REFERENCE: DEED BOOK 2287 PAGE 132

PLAN REFERENCES: PLAN 168 OF 1987

**LEGEND**

- TOWER CONTROL POINT
- △ CALCULATED POINT
- CBF
- DHF
- LOCUS PROPERTY LINE
- - - ABUTTERS PROPERTY LINE
- - - EASEMENT LINE
- - - ZONING LINE

**ProTerra**  
DESIGN GROUP, LLC

4 Bay Road  
Building A, Suite 200  
Holliston, MA 01935  
(413)320-4918

CONSULTANTS:  
NORTHEAST SURVEY  
CONSULTANTS

116 Pleasant St. Ste. 302  
P.O. Box 109  
Easthampton, MA 01027  
(413) 203-5144  
northeastsurvey.com

NO.	DATE	REVISIONS
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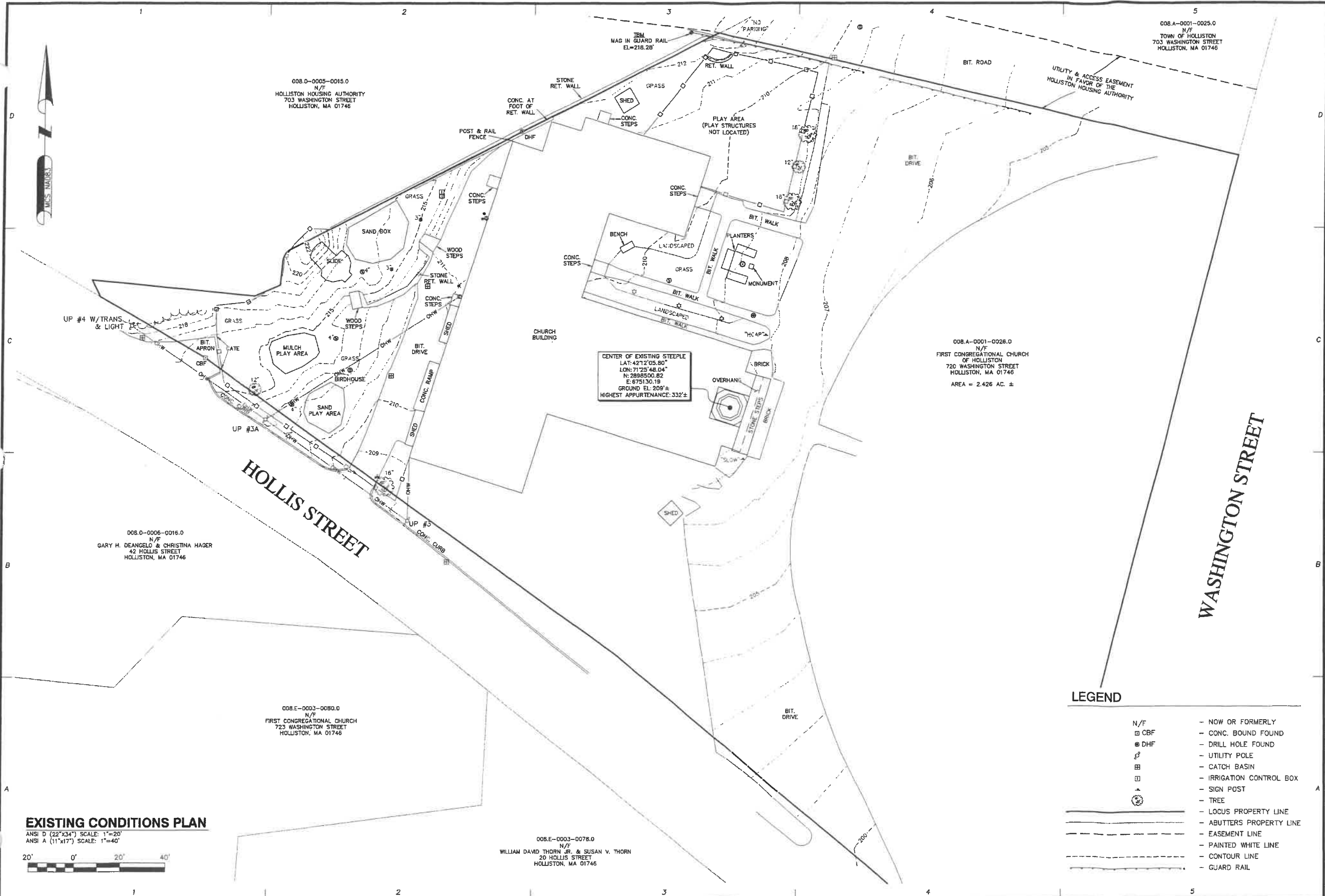
APPLICANT:  
verizon

CELCO PARTNERSHIP  
dba VERIZON WIRELESS  
118 FLANDERS ROAD  
THIRD FLOOR  
WESTBOROUGH, MA 01581



DATE: 12/19/2019  
DRAWN: JDG  
CHECK: BCF  
SCALE: 1"=40'  
JOB NO.: 19-183

SHEET TITLE:  
**OVERALL  
PLAN  
C-1**



**EXISTING CONDITIONS PLAN**

ANSI D (22"x34") SCALE: 1"=20'  
ANSI A (11"x17") SCALE: 1"=40'

**LEGEND**

- N/F
- CBF
- DHF
- 
- 
- 
- 
- NOW OR FORMERLY
- CONC. BOUND FOUND
- DRILL HOLE FOUND
- UTILITY POLE
- CATCH BASIN
- IRRIGATION CONTROL BOX
- SIGN POST
- TREE
- LOCUS PROPERTY LINE
- ABUTTERS PROPERTY LINE
- EASEMENT LINE
- PAINTED WHITE LINE
- CONTOUR LINE
- GUARD RAIL

**ProTerra**  
DESIGN GROUP, LLC

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**APPLICANT:** CELCO PARTNERSHIP  
dba VERIZON WIRELESS  
118 FLANDERS ROAD  
THIRD FLOOR  
WESTBOROUGH, MA 01581

**verizon**

**STAMP:**

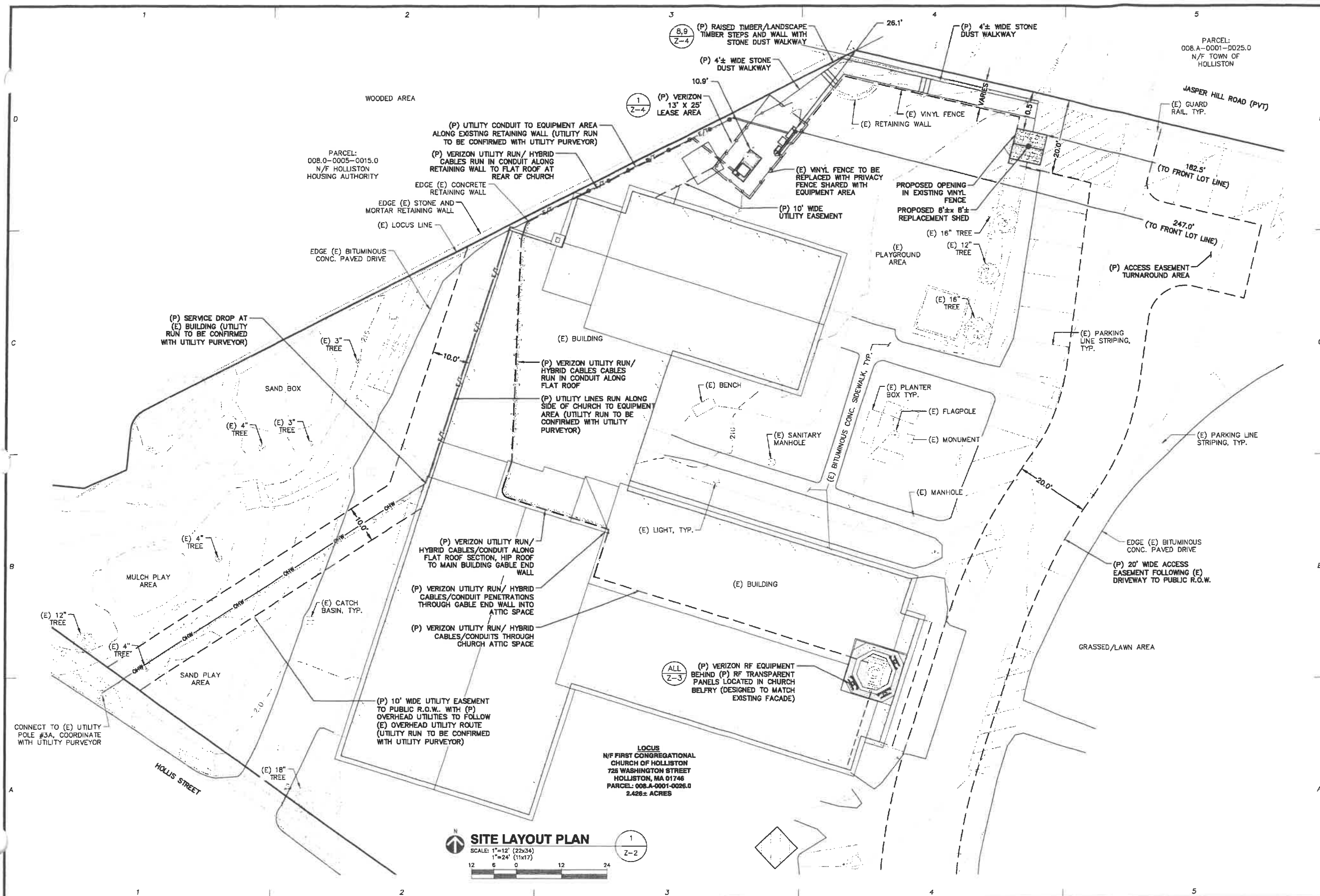
DANIEL F. STASZ  
No. 47160  
REGISTERED PROFESSIONAL LAND SURVEYOR

**DATE:** 12/19/2019  
**DRAWN:** JDG  
**CHECK:** BCF  
**SCALE:** 1"=20'  
**JOB NO.:** 19-183

**SHEET TITLE:**  
**EXISTING  
CONDITIONS PLAN**

**C-2**





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4 Bay Road  
Building A, Suite 200  
Holliston, MA 01035  
(413)320-4918

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1	05/05/20	ISSUED FOR REVIEW
2	06/22/20	ISSUED FOR PERMITTING

SITE NAME: HOLLISTON 4 MA  
ADDRESS: 725 WASHINGTON STREET  
HOLLISTON, MA 01746

CLIENT: VERIZON WIRELESS  
606 VERIZON WIRELESS  
118 PLAINFIELD ROAD  
THIRD FLOOR  
WESTBOROUGH, MA 01581

verizon

TITLE:

STAMP:

DATE: 05/05/20  
DRAWN: JRM/JEB  
CHECK: JMM/TEJ  
SCALE: SEE PLAN  
JOB NO.: 13-030

SHEET TITLE:  
SITE LAYOUT  
PLAN  
Z-2

CONSULTANTS:

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SITE NAME: ROLLISTON 4 MA  
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ROLLISTON, MA 01746

CLIENT PARTNERSHIP  
606 VERIZON WIRELESS  
118 FLANDERS ROAD  
THIRD FLOOR  
WESTBOROUGH, MA 01581

APPLICANT:  
verizon

STAMP:

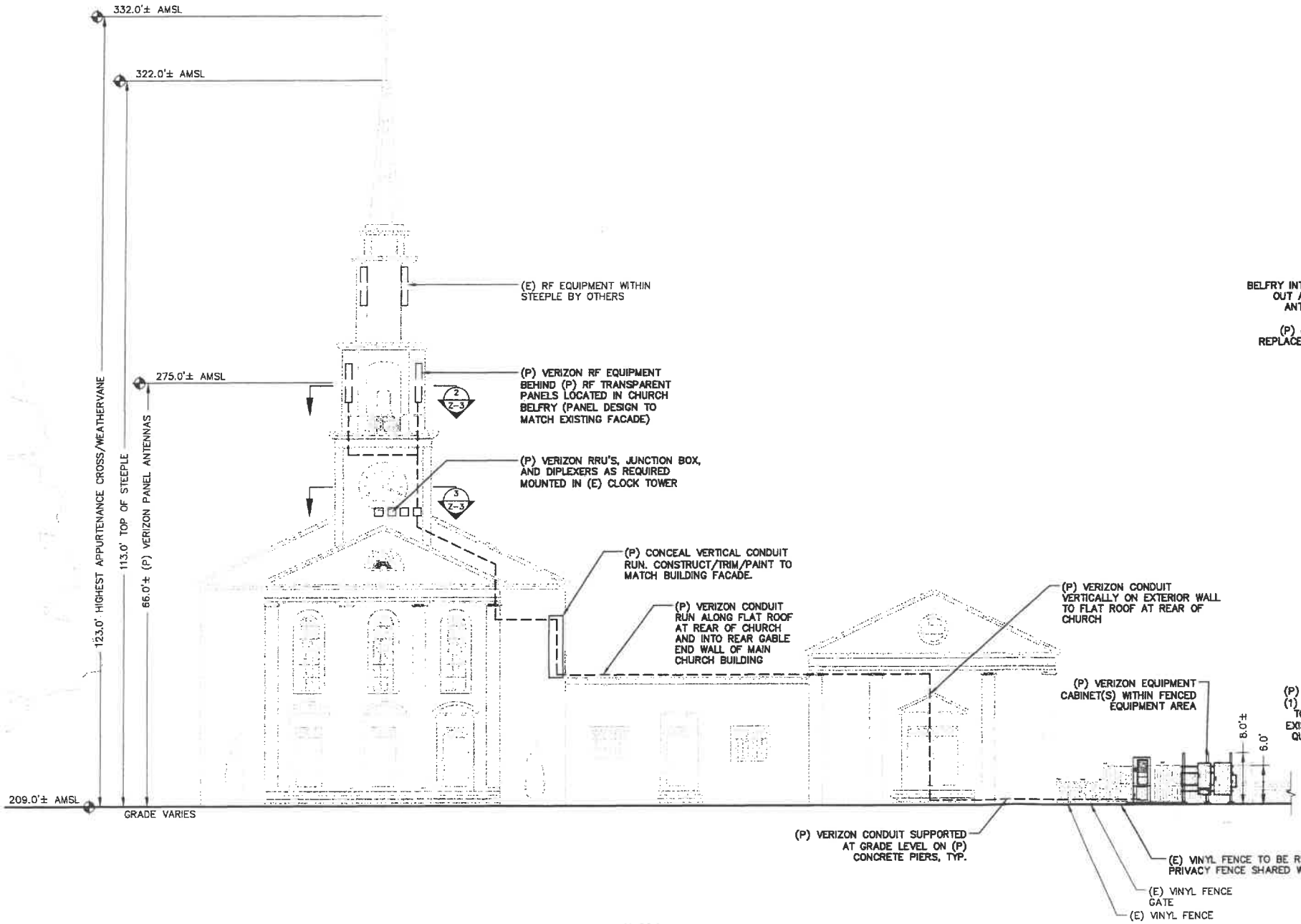


DATE: 05/05/20  
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SCALE: SEE PLAN  
JOB NO.: 13-030

SHEET TITLE:

ELEVATION AND  
ANTENNA PLAN

Z-3

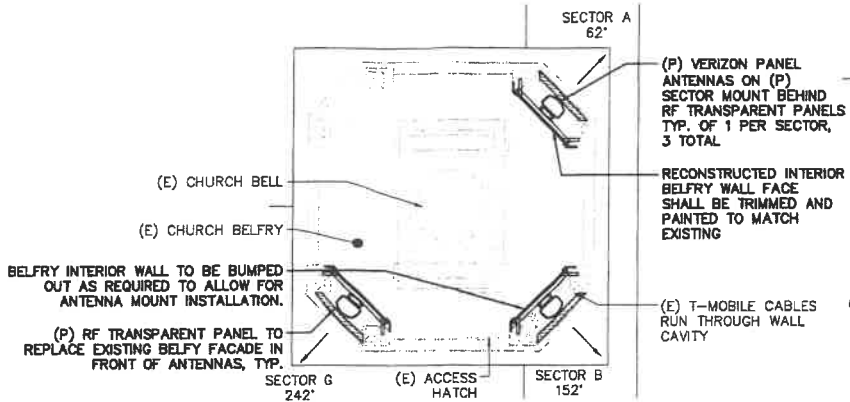


SOUTHEAST ELEVATION

SCALE: 1"=10' (22x34)  
1"=20' (11x17)

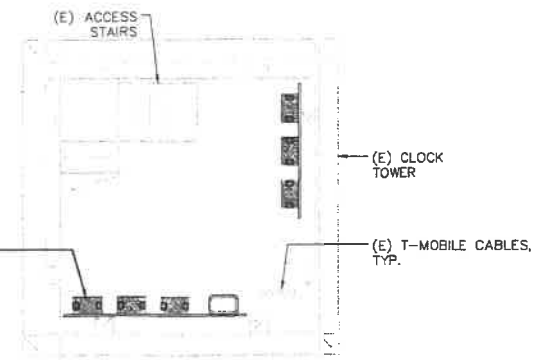
1

Z-3



PROPOSED ANTENNA LAYOUT

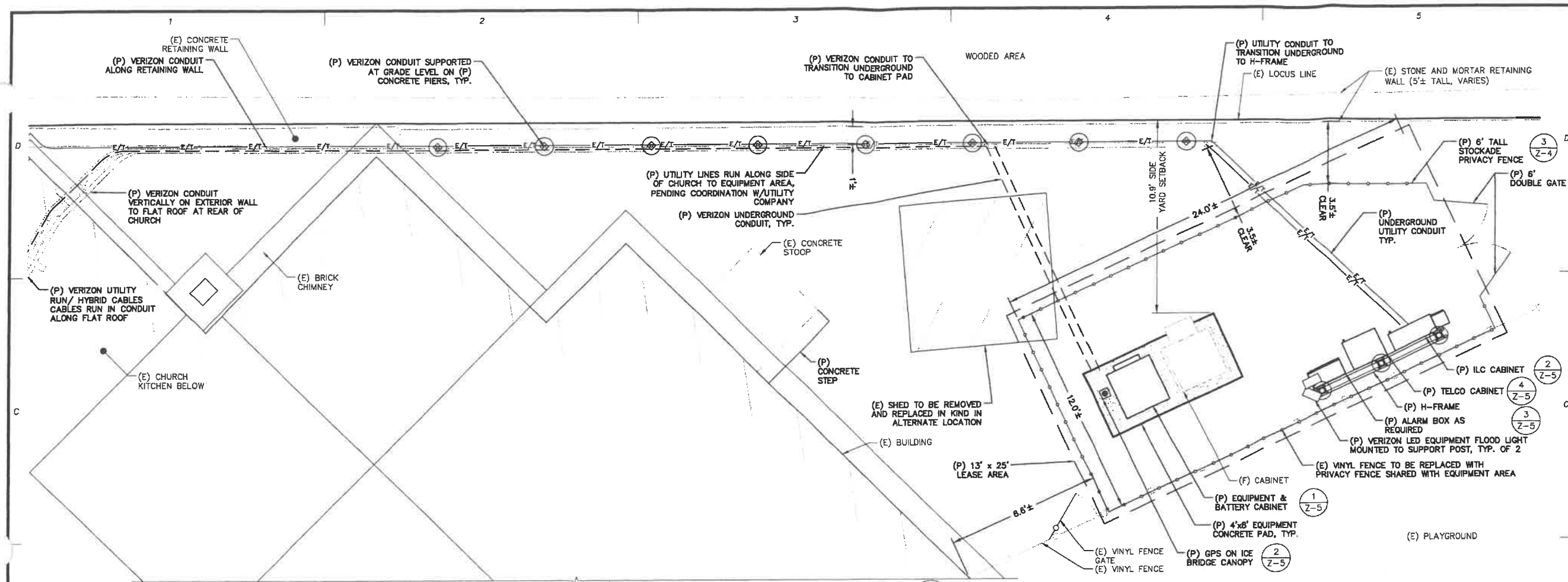
SCALE: 1"=4' (22x34)  
1"=8' (11x17)



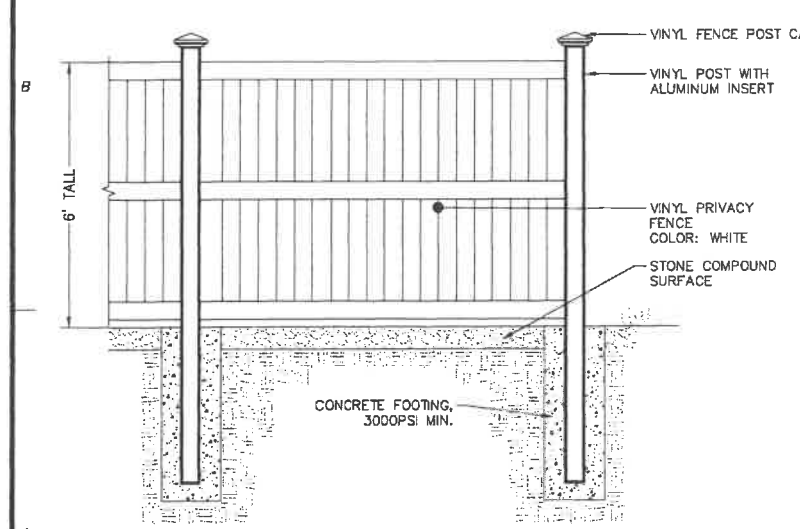
PROPOSED RRU LAYOUT

SCALE: 1"=4' (22x34)  
1"=8' (11x17)

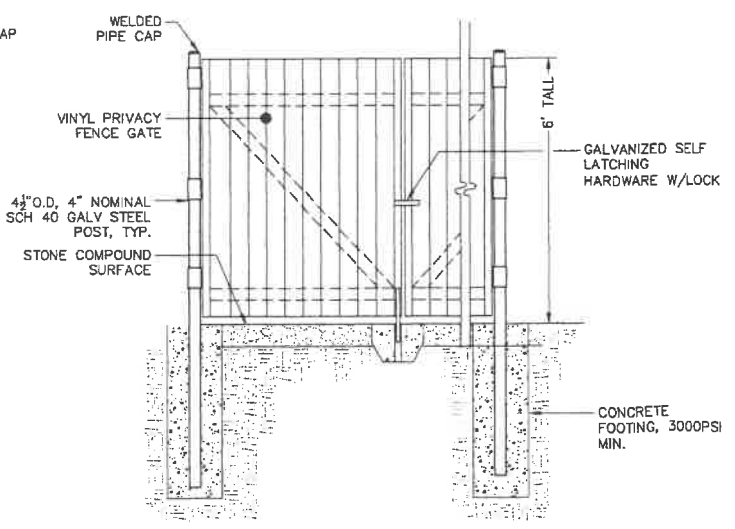




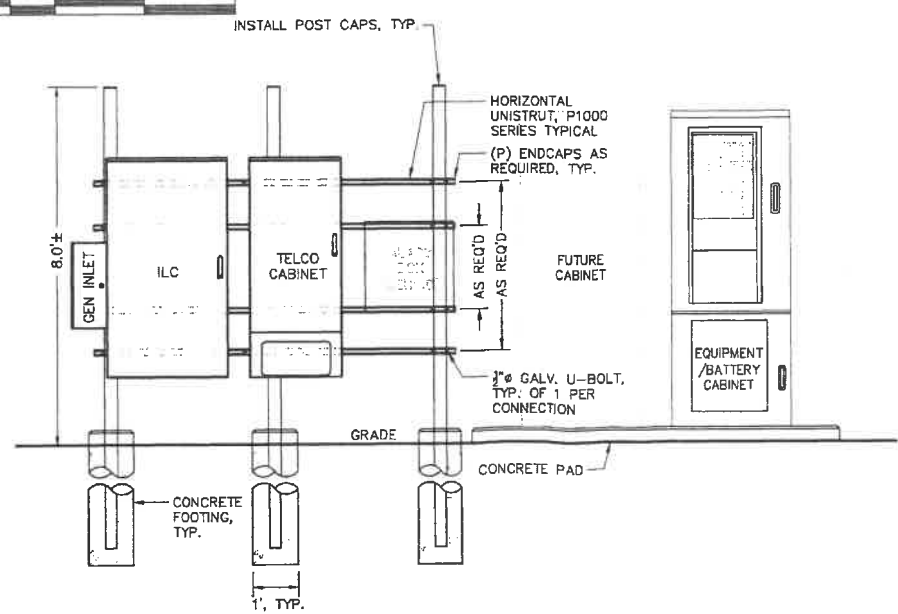
**GROUND EQUIPMENT LAYOUT PLAN**  
 SCALE: 1"=3' (22x34)  
 1"=6' (11x17)



TYPICAL FENCE ELEVATION



GATE ELEVATION



**H-FRAME AND CABINET DETAIL**  
 SCALE: 1"=2' (22x34)  
 1"=4' (11x17)

**PRIVACY FENCE/GATE DETAILS**  
 SCALE: NONE

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**ADDRESS:** 795 WASHINGTON STREET  
 ROLLISTON, MA 01746

**APPLICANT:**  
 CELLO PARTNERSHIP  
 686 VERIZON WIRELESS  
 116 FLANDERS ROAD  
 THIRD FLOOR  
 WESTBOROUGH, MA 01581

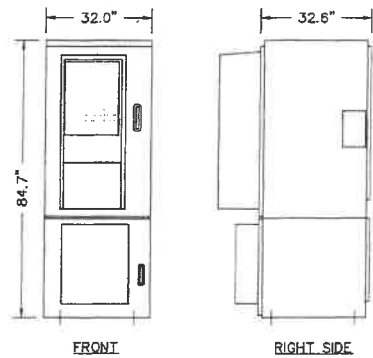
**verizon**

**STAMP:**

COMMONWEALTH OF MASSACHUSETTS  
 JAMES M. MORENO  
 CIVIL ENGINEER  
 6-22-2020

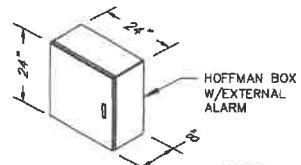
**DATE:** 05/05/20  
**DRAWN:** JRM/JEB  
**CHECK:** JMM/TEJ  
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**JOB NO.:** 13-030  
**SHEET TITLE:**  
**EQUIPMENT PLAN & DETAILS**  
**Z-4**

VERIFY WITH CONSTRUCTION MANAGER PRIOR TO INSTALLATION OF CABINETS IF OPTIONAL CABINET PLINTH BASES AND TOPHATS HAVE BEEN ORDERED FOR USE IN LIEU OF OR IN ADDITION TO A STEEL CABINET SKID.



**EQUIPMENT & BATTERY CABINET DETAIL**  
SCALE: NONE

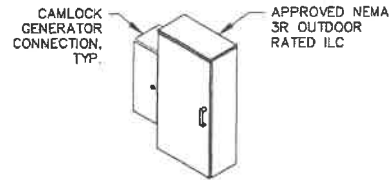
1  
Z-5



**ALARM BOX**  
SCALE: NONE

3  
Z-5

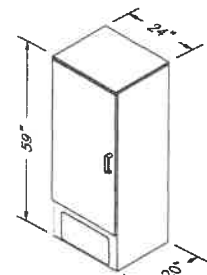
NOTE: ALL EQUIPMENT SIZES ARE APPROXIMATE AND REPRESENTATIVE OF PROPOSED VERIZON EQUIPMENT TO BE AS SPECIFIED BY VERIZON WIRELESS RF ENGINEERS.



**INTEGRATED LOAD CENTER (ILC) CABINET**

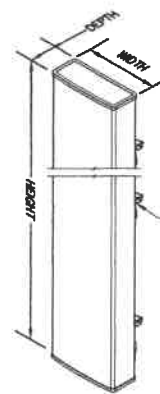
SCALE: NONE

2  
Z-5



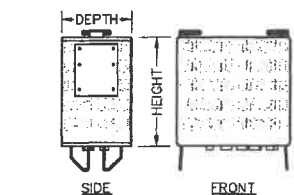
**TELCO CABINET**  
SCALE: NONE

4  
Z-5



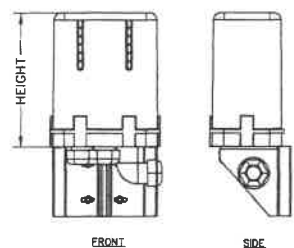
**PANEL ANTENNA**  
HEIGHT: 72.0"±  
WIDTH: 18.0"±  
DEPTH: 7.0"±

SUPPLIED MOUNTING HARDWARE



**REMOTE RADIO HEAD**  
HEIGHT: 15"±  
WIDTH: 15"±  
DEPTH: 10"±

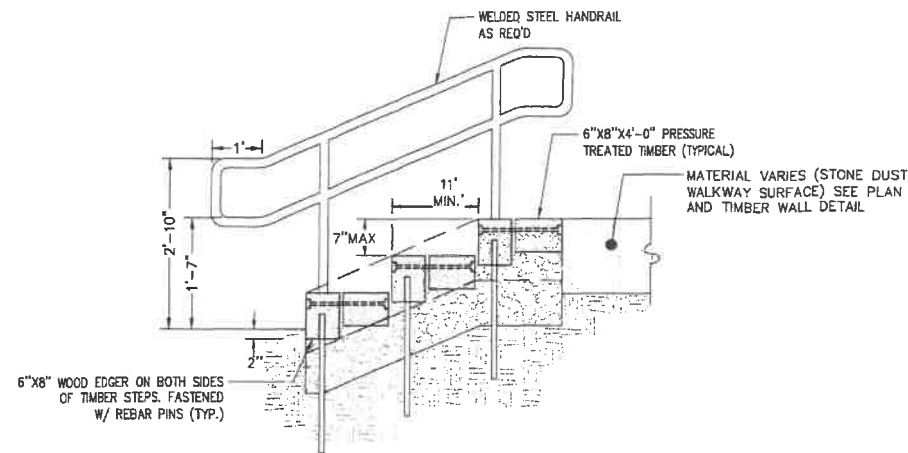
GPS ANTENNA  
5'H x 3.2'D



**JUNCTION BOX WITH SURGE SUPPRESSOR**  
HEIGHT: 12.9"±  
WIDTH: 16.5"±  
DEPTH: 12.6"±

**RF EQUIPMENT**  
SCALE: NONE

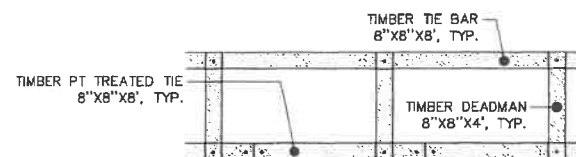
5  
Z-5



**TIMBER STEP DETAIL**

SCALE: NONE

6  
Z-5



TIMBER PT TREATED TIE  
8"X8"X8', TYP.

PLAN

MATERIAL VARIES (CRUSHED  
STONE WALKWAY SURFACE)  
SEE PLAN

FINISHED GRADE

TIMBER DEADMAN  
8"X8"X4', 7'-4" O.C.

TIMBER TIE BAR 8"X8"X8'

3/4" # X 24" REBAR

FINISHED GRADE

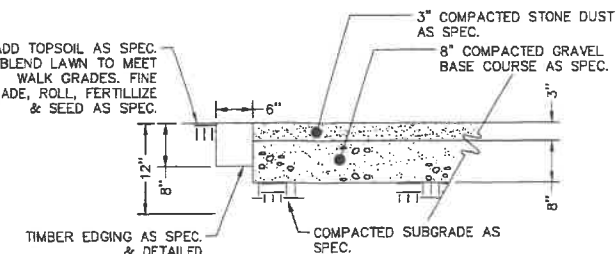
PLACE ONE FULL TIE COURSE  
BELOW FINISHED GRADE  
3/4" # X 30" REBAR  
TWO BOTTOM COURSES

SECTION

**TIMBER WALL DETAIL**

SCALE: NONE

9  
Z-5



**STONE DUST WALK DETAIL**

SCALE: NONE

9  
Z-5

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**verizon**  
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STAMP:



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SCALE: SEE PLAN

JOB NO.: 13-030

SHEET TITLE:

**DETAILS**

**Z-5**