



ZONING DRAWINGS — NOT FOR CONSTRUCTION —

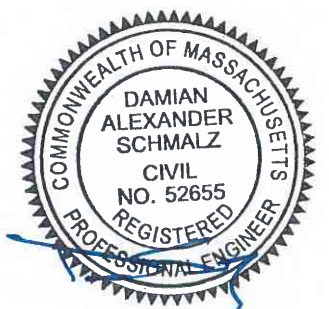


MA1231

ZONING DRAWINGS		
1	02/05/25	FOR SUBMITTAL
O	01/28/25	FOR SUBMITTAL
B	01/02/25	FOR REVIEW
A	12/20/24	FOR REVIEW

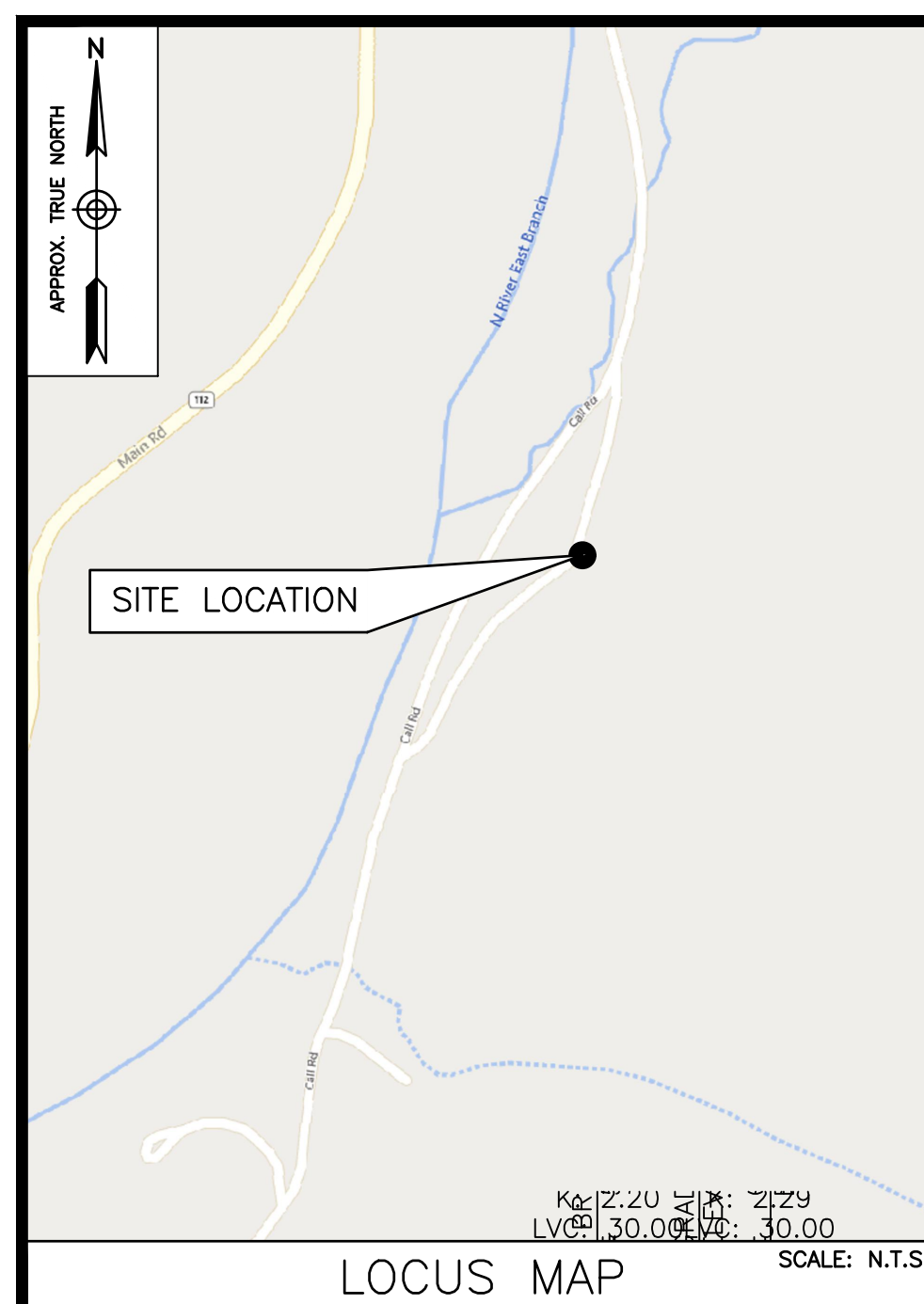


Dewberry Engineers Inc.
99 SUMMER STREET
SUITE 700
BOSTON, MA 02110
PHONE: 617.695.3400
FAX: 617.695.3310



SHEET NUMBER

T-1



ENGINEER

DEWBERRY ENGINEERS INC.
99 SUMMER ST.
SUITE 700
BOSTON, MA 02110

PHONE # (617) 531-0813
FAX # (617) 695-3310

CONTACT: BENJAMIN B. REVETTE, PE

PROJECT MANAGEMENT

TARPON TOWERS III,LLC
8916 77TH TERRACE EAST
SUITE 103
LAKEWOOD RANCH, FL 34202

TEAM

PROJECT SUMMARY

PROJECT DIRECTORY

PROJECT DESCRIPTION

A.D.A. COMPLIANCE:
FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION.

[illegible]

GENERAL NOTES

1. FIELD SURVEY DATE: OCT 18, 2024
2. HORIZONTAL DATUM: NORTH AMERICAN DATUM OF 1983 (NAD83) (2010.0 EPOCH)
3. VERTICAL DATUM: NORTH AMERICAN VERTICAL DATUM OF 1988. (GEOID 18) ESTABLISHED BY STATIC GPS OBSERVATIONS.
4. CENTER PROPOSED TOWER: LAT:42° 38' 47.76"N
LONG:72° 42' 46.93"W
PROP. GROUND EL=578.75'
5. OWNER: MICHAEL J. BAILEY, JR
435 SHAWINIGAN DR.
CHICOPEE, MA 01020
5. SITE ID: MA1231
6. SITE ADDRESS: 0 CALL ROAD
COLRAIN, MA 01340
7. THE BEARINGS, DISTANCES, AND PHYSICAL FEATURES SHOWN HERE WERE CALCULATED, MEASURED, AND LOCATED FROM ON-THE-GROUND FIELD SURVEYS CONDUCTED IN OCTOBER 2024. THE SURVEYS WERE CONDUCTED USING AN ELECTRONIC TOTAL STATION INSTRUMENT, JAVAD GNSS TRIUMPH T3, AND A TRIUMPH LS PLUS. BASE STATION AND ROVER GPS RECEIVERS. BOTH STATIC AND RTK SOLUTIONS WERE USED TO ENSURE THE HIGHEST POSSIBLE ACCURACY.
8. HORIZONTAL DATUM: THE HORIZONTAL DATUM USED FOR THIS SURVEY IS THE MASSACHUSETTS STATE PLANE COORDINATE SYSTEM (SPCS), NAD83(2011) EPOCH2010.0000. COORDINATES AND DISTANCES ARE GRID DISTANCES, WHICH ARE DERIVED FROM GROUND MEASUREMENTS USING A COMBINED SCALE FACTOR OF 0.99997487.
9. VERTICAL DATUM: THE VERTICAL DATUM USED FOR THIS SURVEY IS THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
10. TITLE PROVIDED BY WESTCOR LAND TITLE COMPANY
11. VESTING DEED: BK 4837 PG 320
12. LOCUS PLAN: PLAN BOOK 48 PAGE 89,90
13. TOWER STAKE IS LOCATED IN FEMA ZONE C, AS SHOWN ON PANEL 2501130010B, EFFECTIVE JULY 2, 1980.
14. GRID NORTH TO MAGNETIC NORTH 2024 IS -13°30'26"

ZONING INFORMATION

DISTRICT: RURAL DISTRICT

	REQUIRED	PROPOSED
MIN. FRONT YARD DEPTH:	50'	172'± (a)
MIN. SIDE YARD DEPTH:	40'	173'± (a)
MIN. REAR YARD DEPTH:	40'	1216'± (a)
MIN. TOWER SETBACK:	145'	172'± (a)

(a) DISTANCE FROM THE NEAREST PROPERTY LINE TO CENTER OF PROPOSED MONOPOLE.

LEGEND

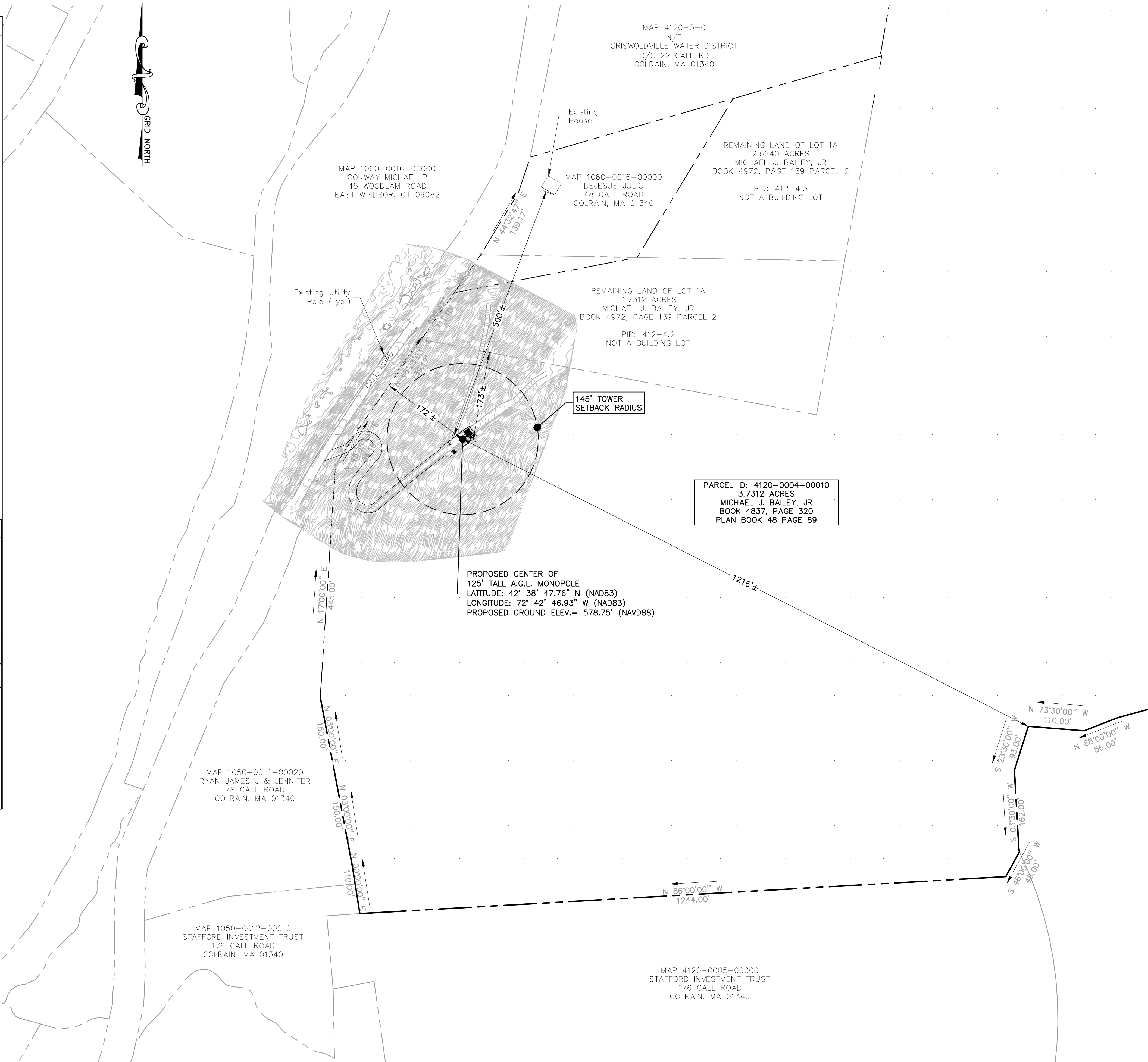
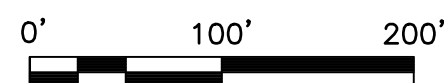
	Existing Property Line
	LOCUS PROPERTY LINE
	Existing Road
	FENCED COMPOUND
	RADIUS FALL ZONE
	PROPOSED ACCESS ROAD
	Existing Rock/Stonewall

NOTE:

1. THIS DOCUMENT IS FOR ZONING PURPOSES ONLY. NOT FOR CONSTRUCTION.

ABUTTERS PLAN

SCALE: 1"=200' FOR 11"x17"
1"=100' FOR 22"x34"



8916 77TH TERRACE EAST, SUITE 103
LAKEWOOD RANCH, FL 34202

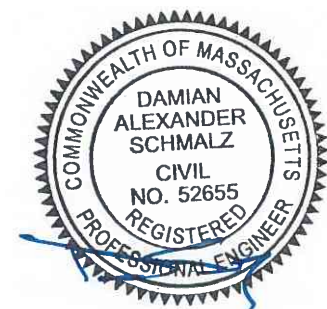
MA1231

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DRAWN BY: MR

REVIEWED BY: MFT

CHECKED BY: BBR

PROJECT NUMBER: 50169882

JOB NUMBER: 50182466

SITE LOCATION CODE:

MA1231

SITE ADDRESS

CALL ROAD
COLRAIN, MA 01340

SHEET TITLE

ABUTTERS PLAN

SHEET NUMBER

Z-1



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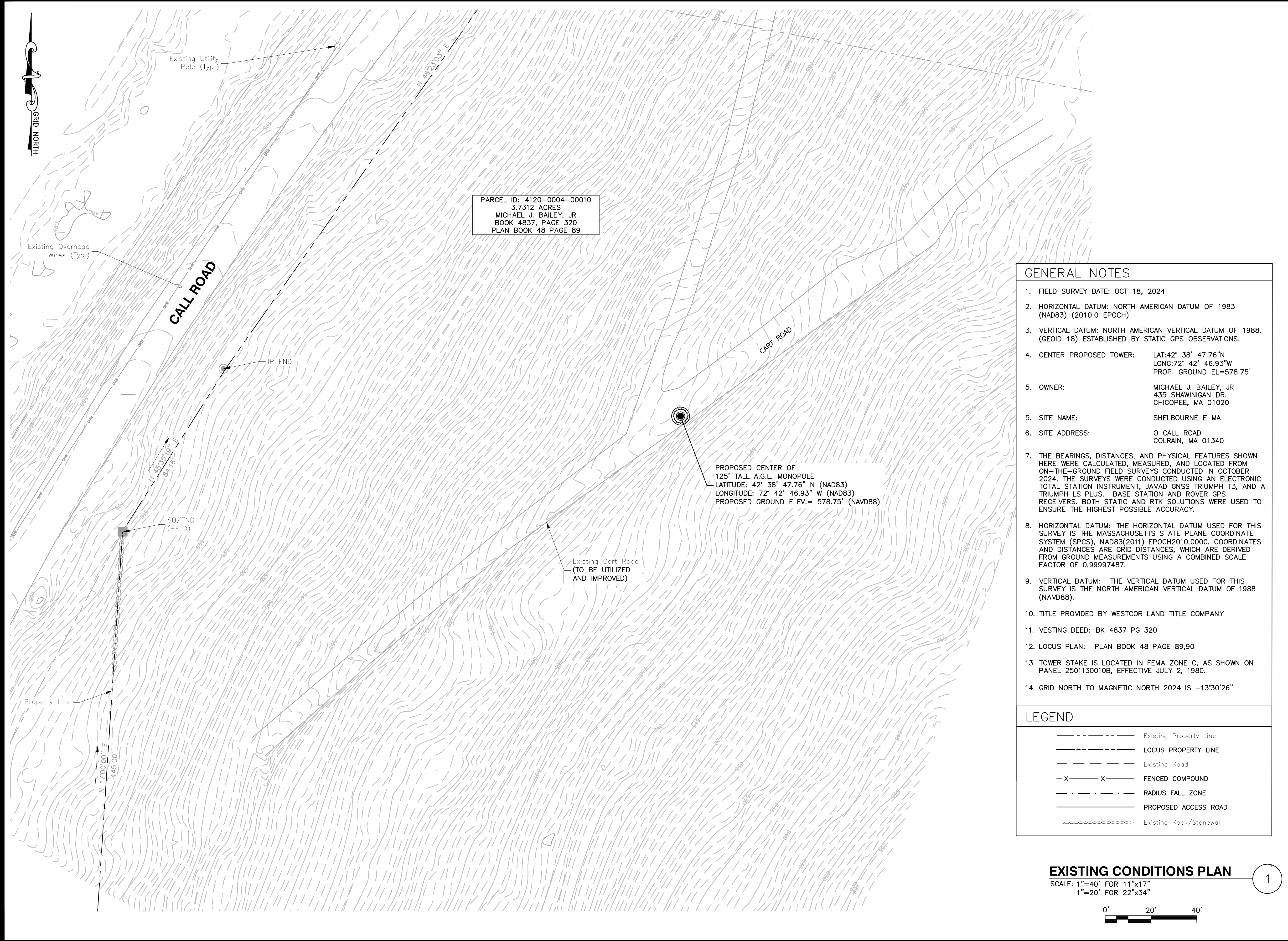
CALL ROAD
COLRAIN, MA 01340

SHEET TITLE

AERIAL MAP

SHEET NUMBER

Z-2



8916 77TH TERRACE EAST, SUITE 103
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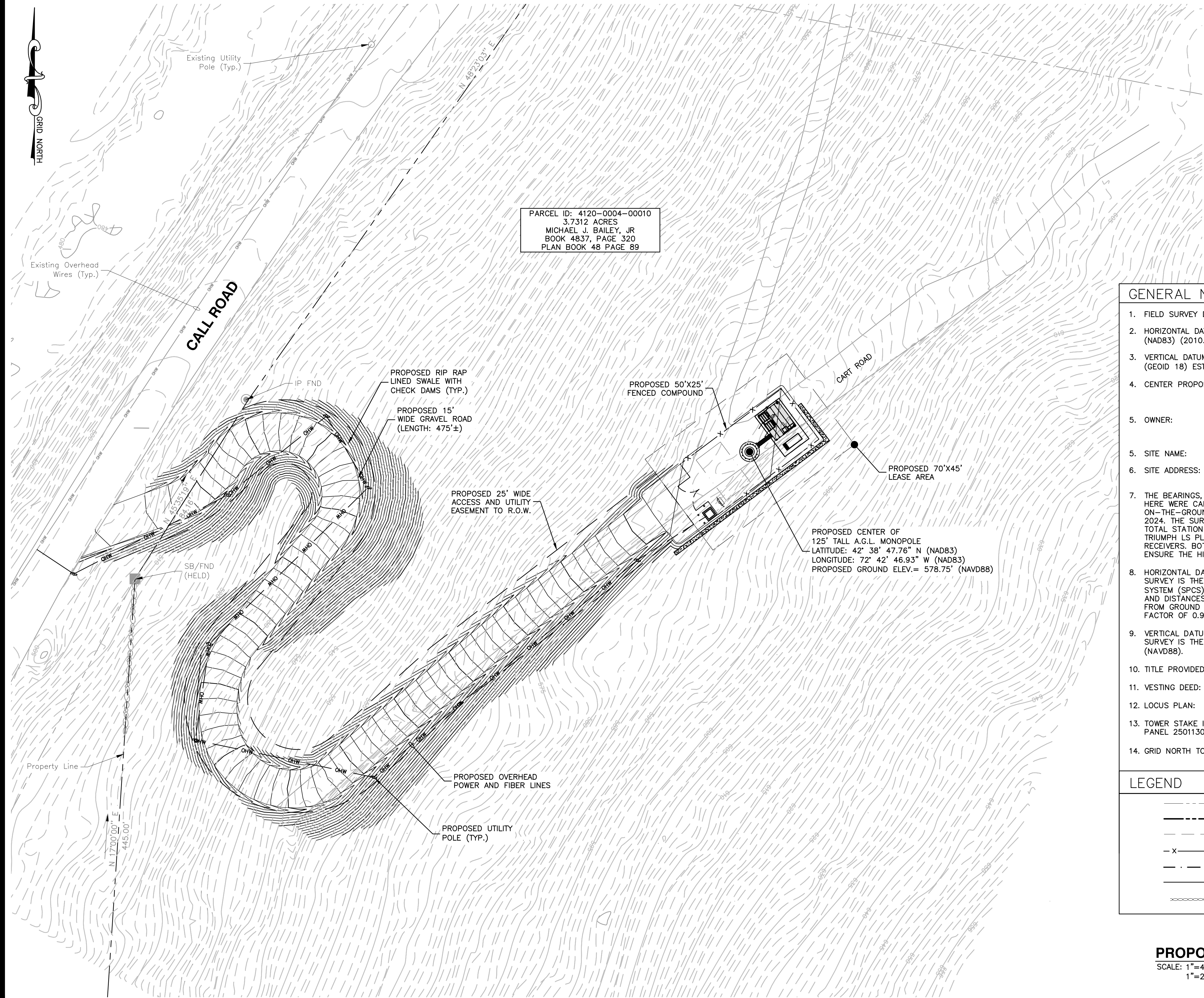
CALL ROAD
COLRAIN, MA 01340

SHEET TITLE

EXISTING
CONDITIONS PLAN

SHEET NUMBER

Z-3



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LEGEND

- Existing Property Line
- LOCUS PROPERTY LINE
- Existing Road
- FENCED COMPOUND
- RADIUS FALL ZONE
- PROPOSED ACCESS ROAD
- Existing Rock/Stonewall

PROPOSED CONDITIONS PLAN

SCALE: 1"=40' FOR 11"x17"
1"=20' FOR 22"x34"

0' 20' 40'



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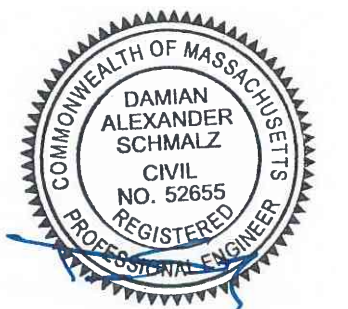
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SITE ADDRESS

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COLRAIN, MA 01340

SHEET TITLE

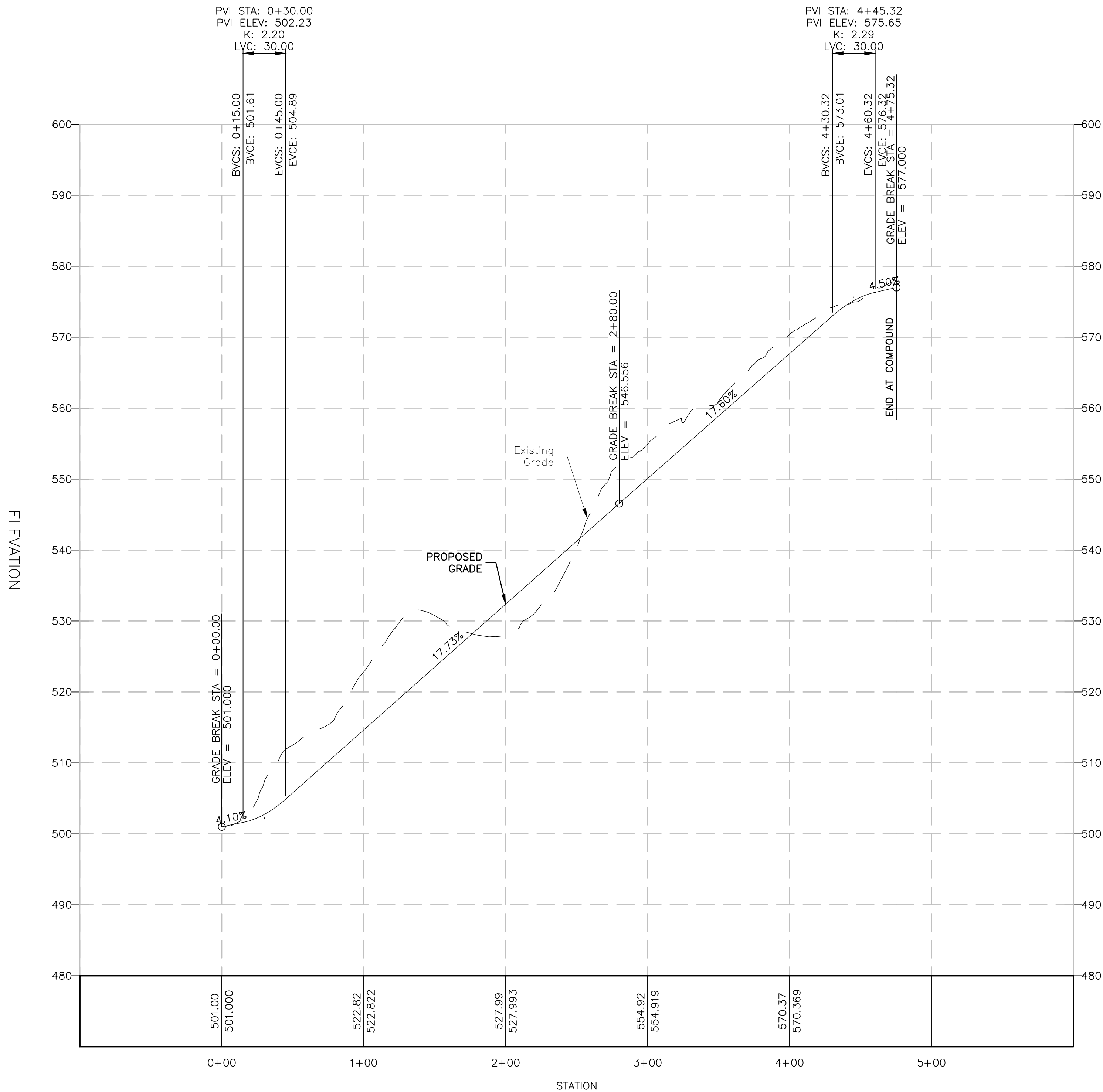
PROPOSED
CONDITIONS PLAN

SHEET NUMBER

Z-4

LEGEND

BVCS—BEGINNING OF VERTICAL CURVE STATION
BVCE—BEGINNING OF VERTICAL CURVE ELEVATION
EVCS—END OF VERTICAL CURVE STATION
EVCE—END OF VERTICAL CURVE ELEVATION
PVI —POINT OF VERTICAL INTERSECTION



NOTES:

1. PROPOSED LOCATIONS ARE CONCEPTUAL AND FOR ZONING PURPOSES ONLY.
2. FINAL UTILITY ROUTING PENDING FINAL UTILITY DESIGN AND LANDOWNER APPROVAL.
3. TOWER AND TOWER FOUNDATION DESIGN & ANALYSIS BY OTHERS.
4. SOME EXISTING & FUTURE INFORMATION NOT SHOWN FOR CLARITY.
5. X — SPOT GRADE.
A.G.L. — ABOVE GROUND LEVEL
C.L. — CENTERLINE
NAVD88 — NORTH AMERICAN VERTICAL DATUM OF 1988

PROPOSED ROAD PROFILE

HORIZONTAL SCALE: 1"=100' FOR 11"x17"
1"=50' FOR 22"x34"

VERTICAL SCALE: 1"=10' FOR 11"x17"
1"=5' FOR 22"x34"



1



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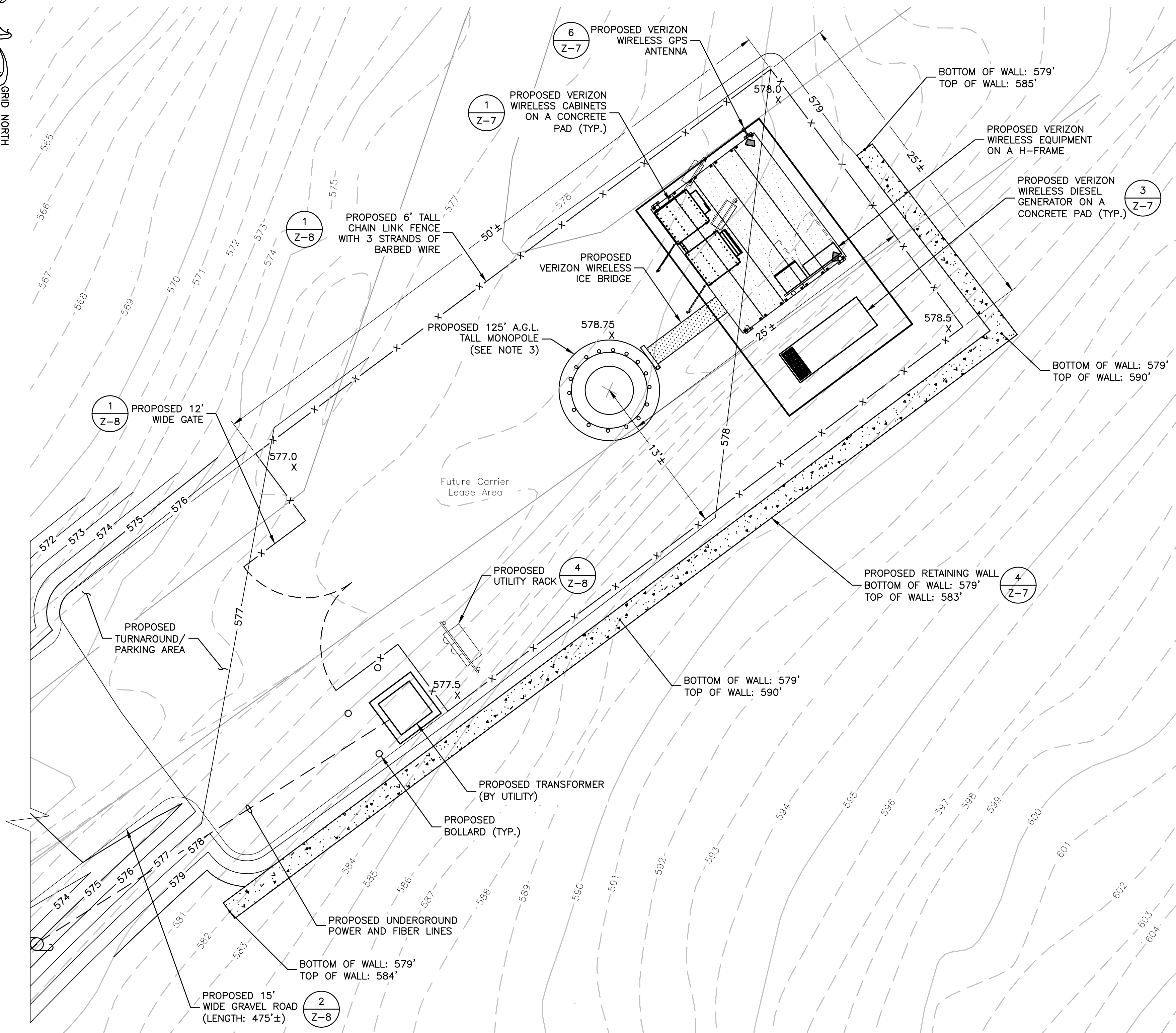
CALL ROAD
COLRAIN, MA 01340

SHEET TITLE

ROAD PROFILE

SHEET NUMBER

Z-5

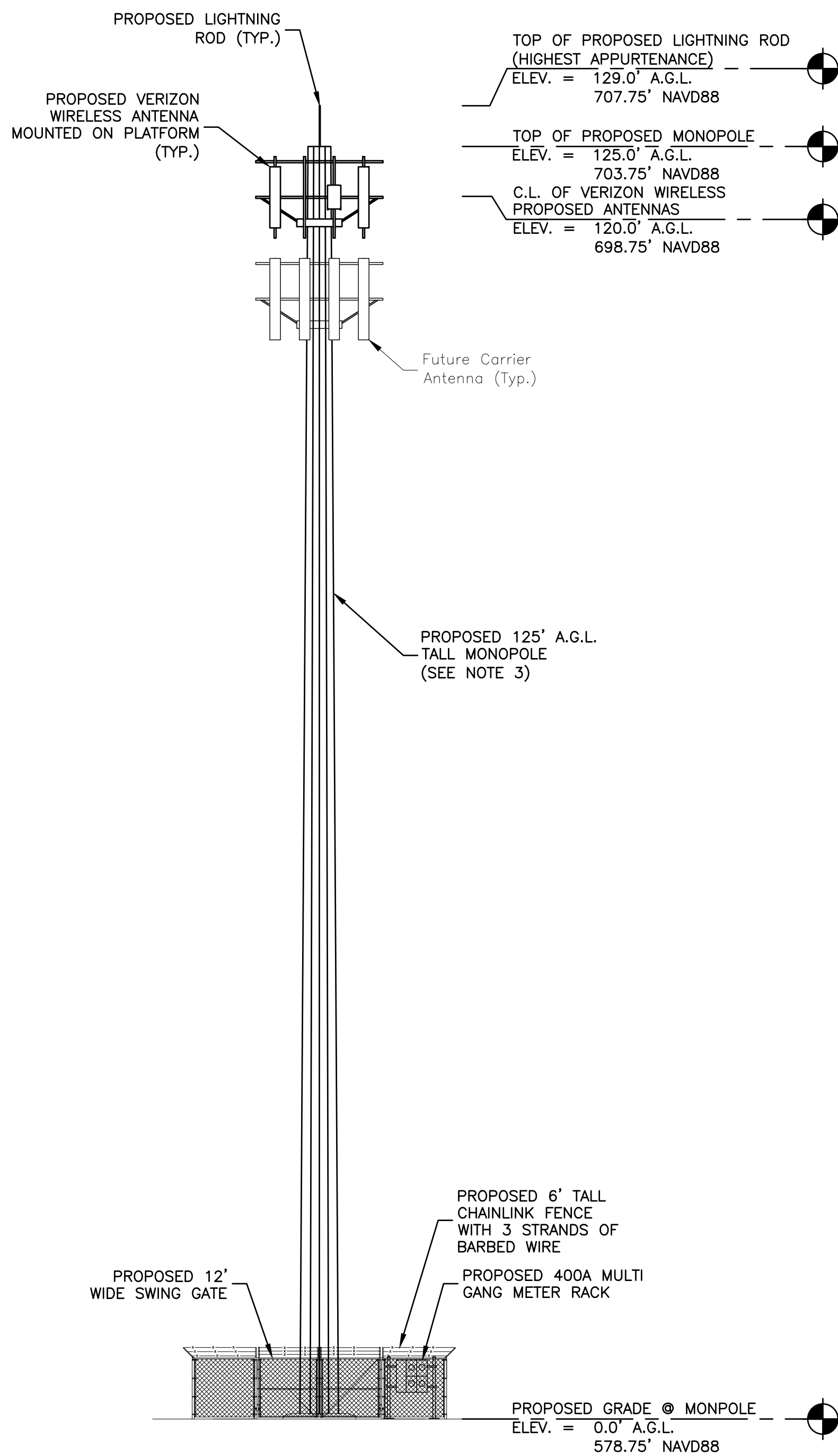
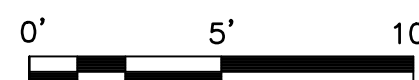


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C.L. - CENTERLINE
NAVD88 - NATIONAL VERTICAL DATUM OF 1988

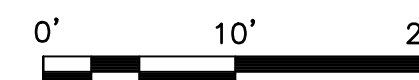
COMPOUND PLAN

SCALE: 1"=10' FOR 11"x17"
1"=5' FOR 22"x34"



ELEVATION

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



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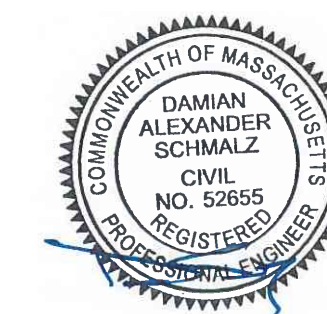
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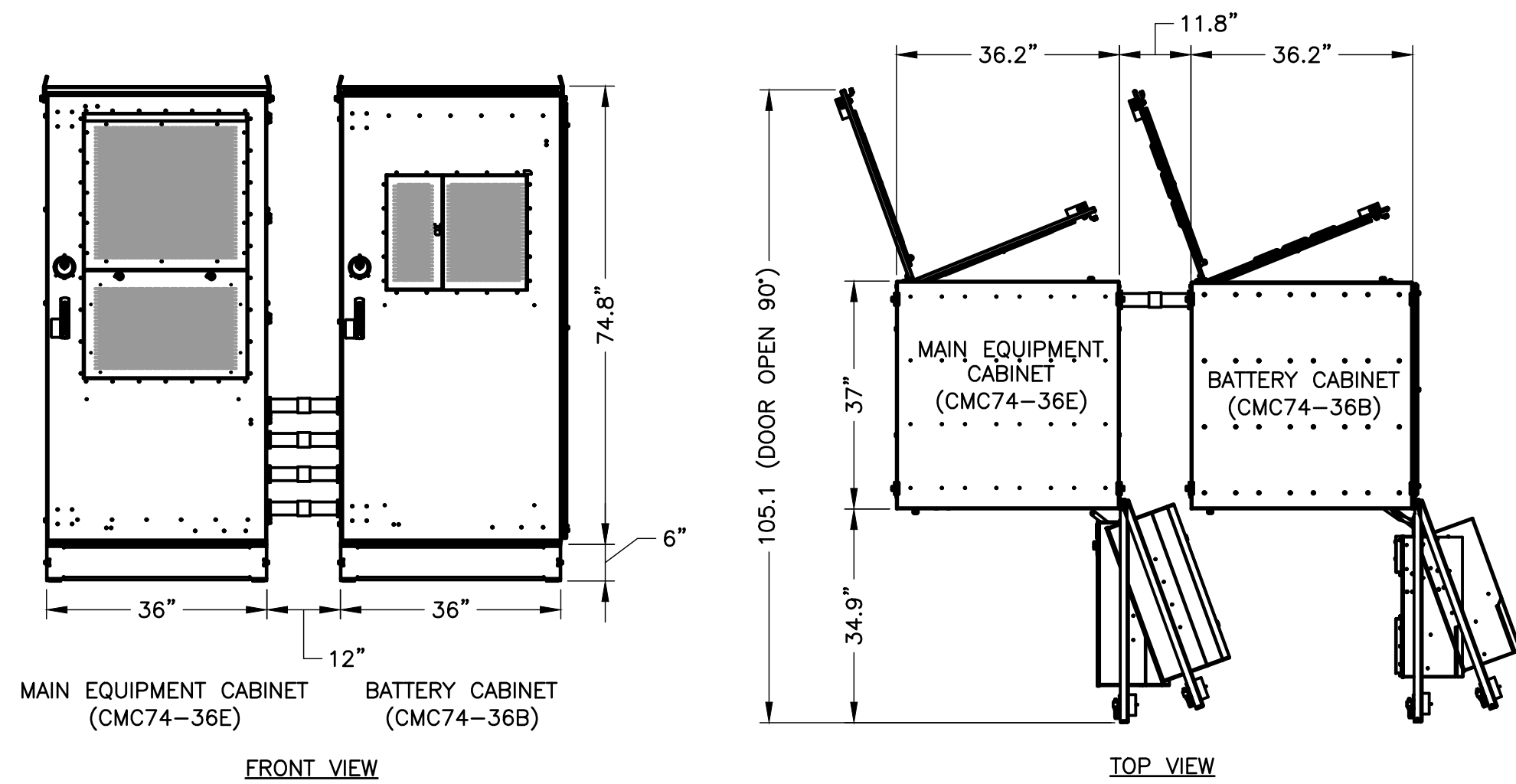
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SHEET TITLE

COMPOUND PLAN
& ELEVATION

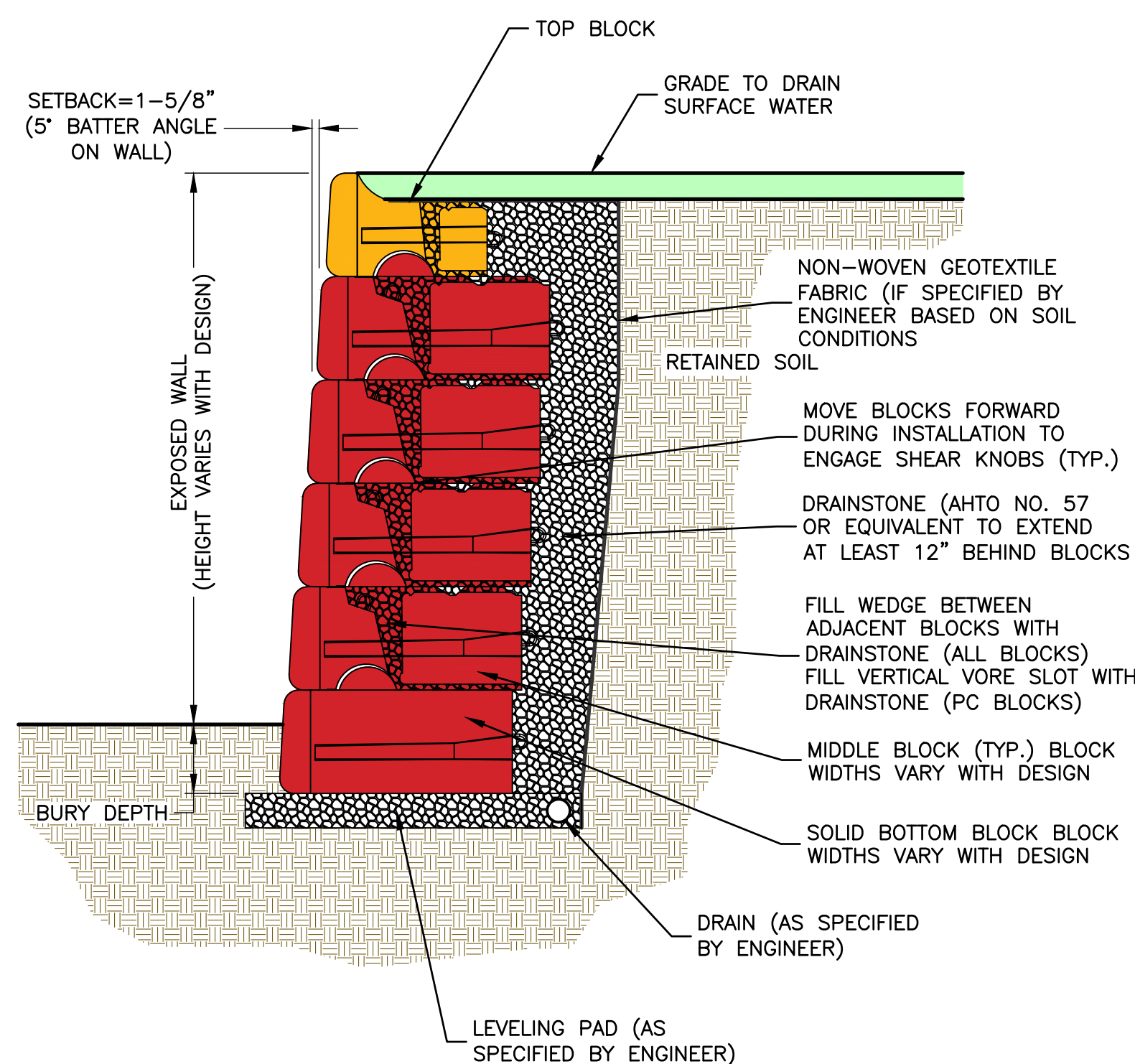
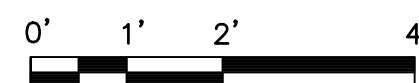
SHEET NUMBER

Z-6



COMMSCOPE EQUIPMENT CABINETS

SCALE: 1/4"=1' FOR 11"x17"
1/2"=1' FOR 22"x34"

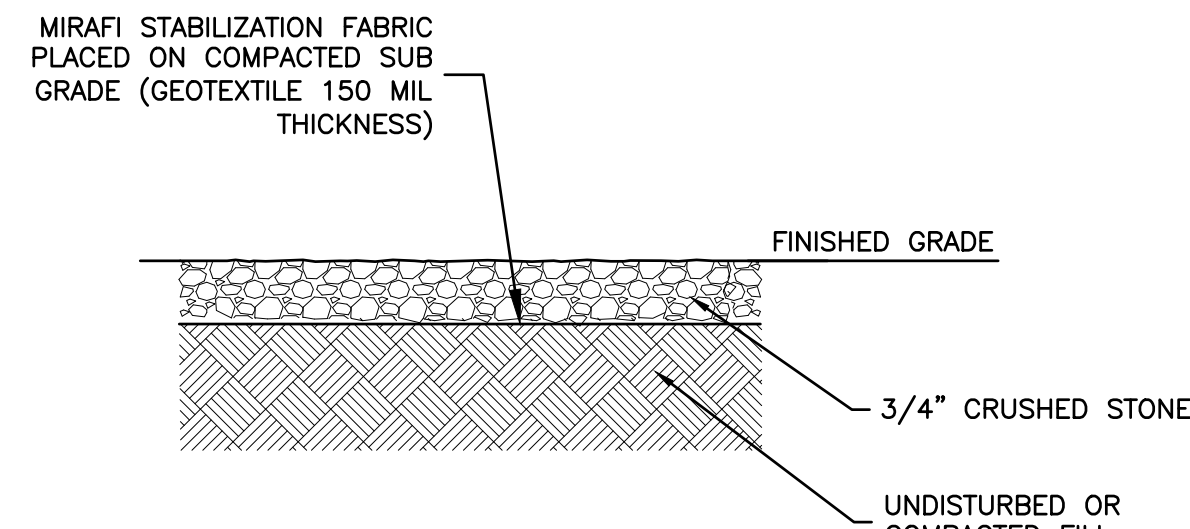


NOTE:

1. THIS DRAWING IS FOR REFERENCE ONLY. FINAL DESIGN BY REDI-ROCK LICENSED PROFESSIONAL ENGINEER.

GRAVITY RETAINING WALL SECTION

SCALE: N.T.S.



NOTE:

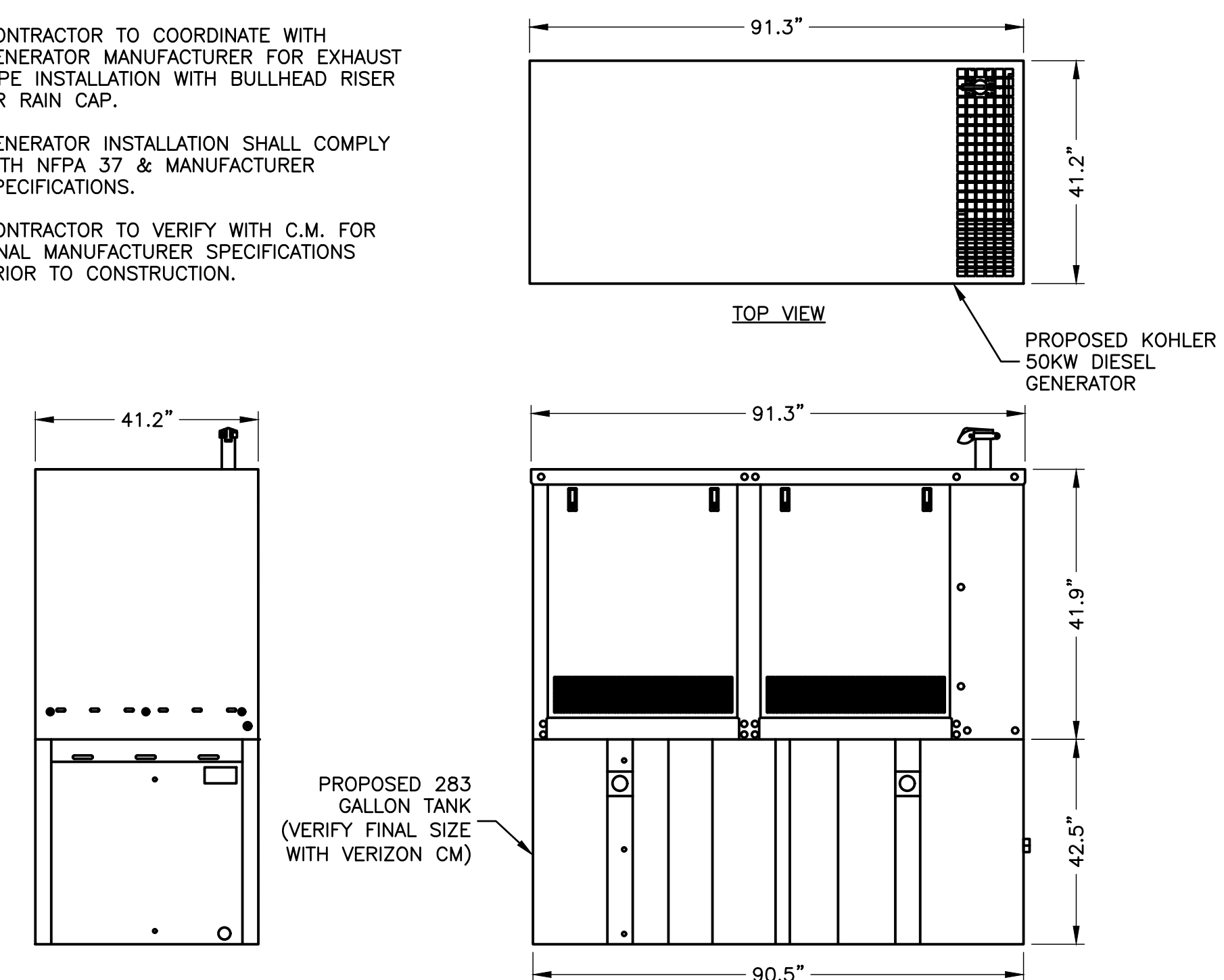
1. FILL SHALL CONSIST OF CLEAN SOIL. NO DELETERIOUS MATERIALS OR ORGANICS TO BE USED.

GRAVEL YARD DETAIL

SCALE: N.T.S.

NOTES:

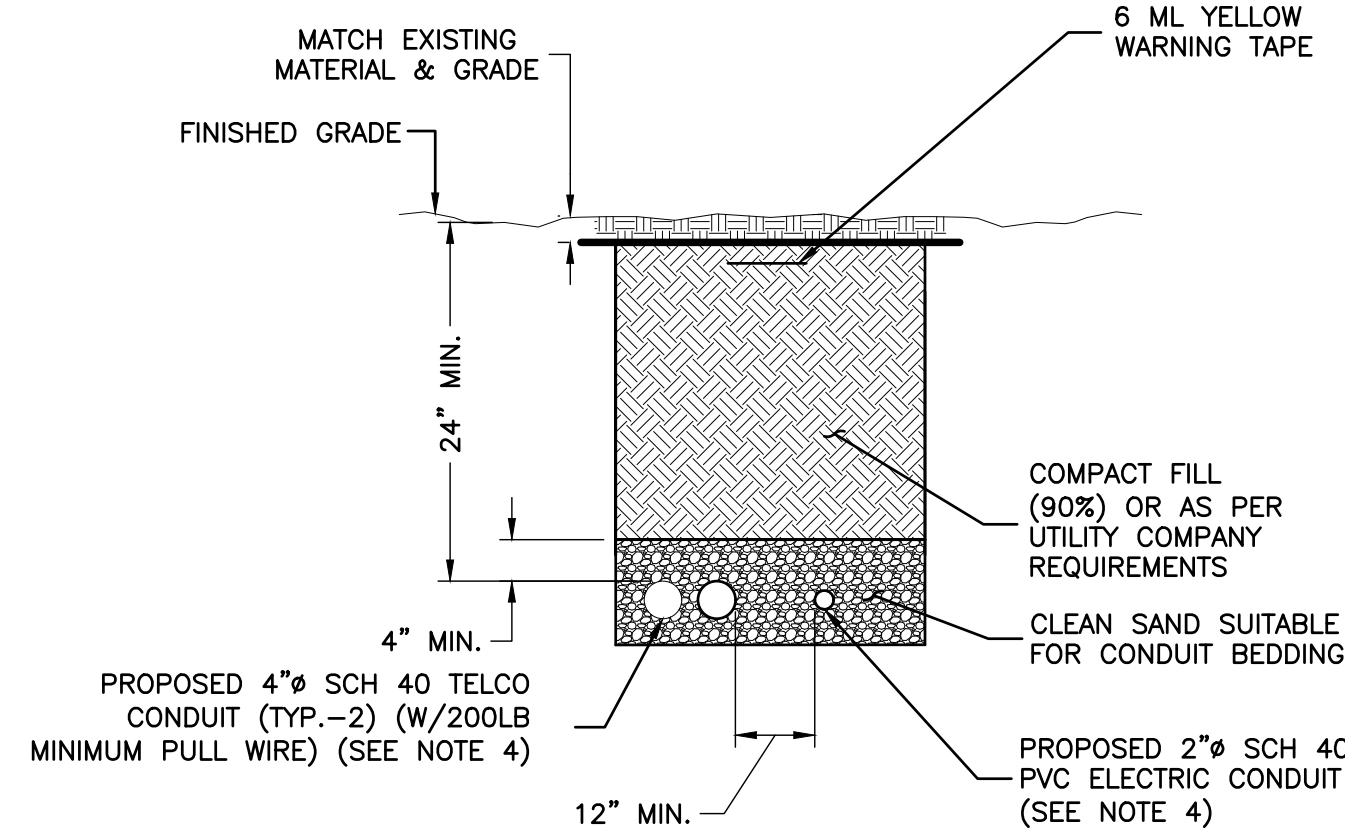
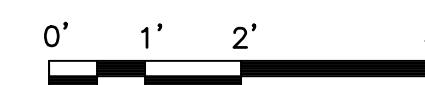
1. STUB-UPS MAY VARY ON LOCATION WITH GENERATOR USED.
2. CONTRACTOR TO COORDINATE WITH GENERATOR MANUFACTURER FOR EXHAUST PIPE INSTALLATION WITH BULLHEAD RISER OR RAIN CAP.
3. GENERATOR INSTALLATION SHALL COMPLY WITH NFPA 37 & MANUFACTURER SPECIFICATIONS.
4. CONTRACTOR TO VERIFY WITH C.M. FOR FINAL MANUFACTURER SPECIFICATIONS PRIOR TO CONSTRUCTION.



MANUFACTURER: KOHLER
MODEL: 50RE0ZJE
WEIGHT: 4,700 LBS

50KW DIESEL GENERATOR

SCALE: 1/4"=1' FOR 11"x17"
1/2"=1' FOR 22"x34"

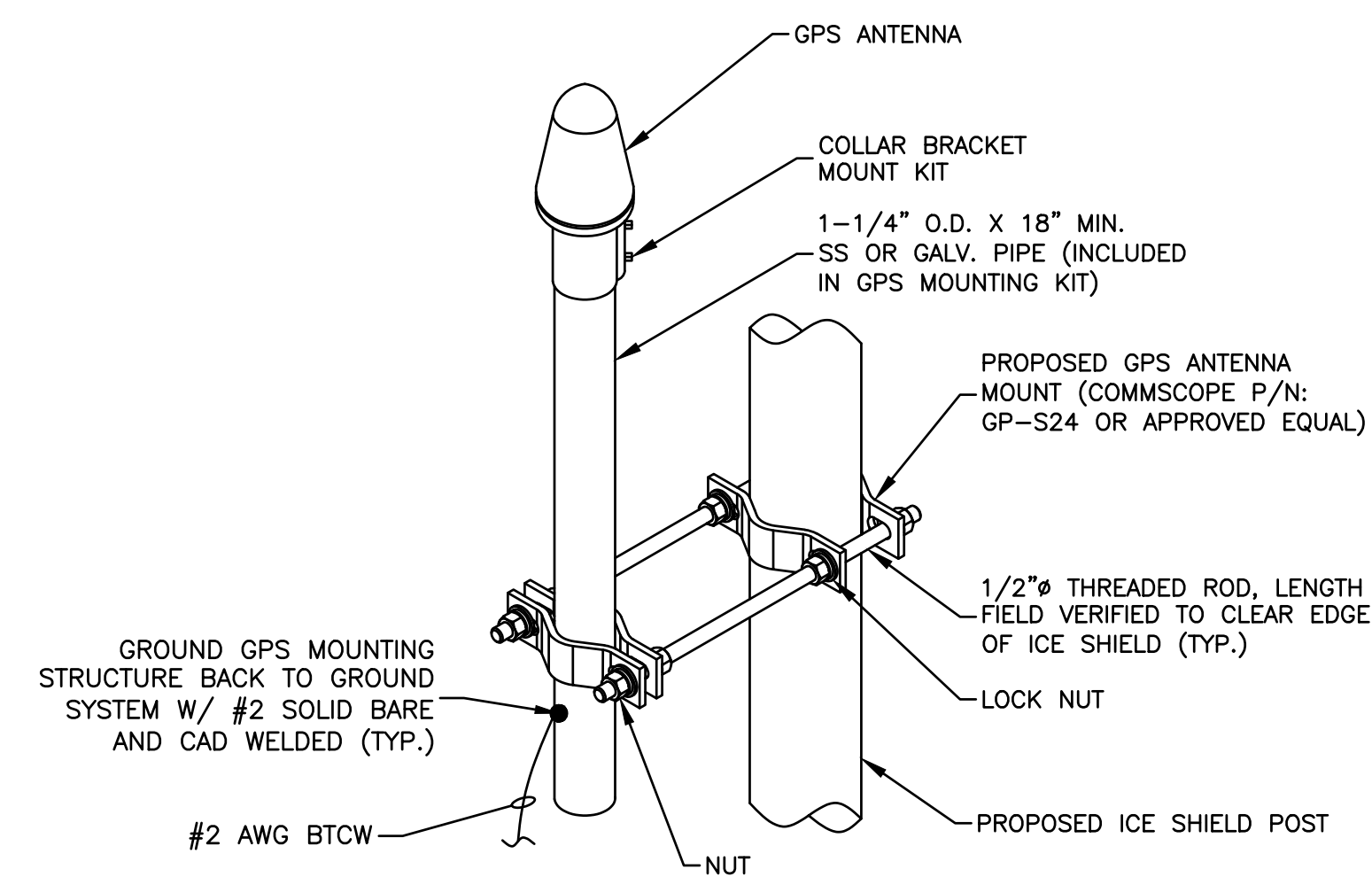


NOTES:

1. IF FREE OF ORGANIC OR OTHER DELETERIOUS MATERIAL, EXCAVATED MATERIAL MAY BE USED FOR BACKFILL.
2. IF NOT, PROVIDE CLEAN, COMPACTIBLE MATERIAL. COMPACT IN 8" LIFTS. REMOVE ANY LARGE ROCKS PRIOR TO BACKFILLING. CONTRACTOR TO VERIFY LOCATION OF EXISTING U/G UTILITIES PRIOR TO DIGGING.
3. IF CURRENT AS-BUILT DRAWINGS ARE NOT AVAILABLE CONTRACTOR SHALL HAND DIG U/G TRENCHING.

JOINT SERVICE TRENCH BURIED CONDUIT (ELECTRIC/TELEPHONE)

SCALE: N.T.S.



NOTES:

1. THE GPS ANTENNA MOUNT IS DESIGNED TO FASTEN TO A STANDARD 1-1/2"-3-1/2" O.D. GALVANIZED STEEL OR STAINLESS STEEL PIPE. THE PIPE MUST NOT BE THREADED AT THE ANTENNA MOUNT END.
2. GROUND ANTENNA & COAX MOUNTING FRAMES PER CARRIER STANDARDS.

GPS MOUNT

SCALE: N.T.S.



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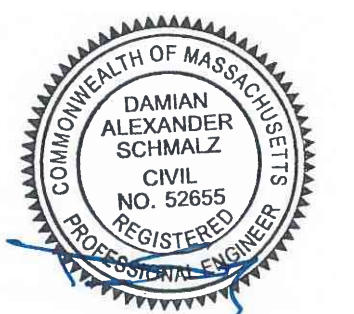
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CALL ROAD
COLRAIN, MA 01340

SHEET TITLE

TYPICAL DETAILS-I

SHEET NUMBER

Z-7

Z-8