

SHISLER ROAD (66' WIDE)

THIS SURVEY IS NOT VALID WITH AN AFFIDAVIT OF NO CHANGE

3556 Lake Shore Road, Suite 500, Buffalo, NY 14219
 P (716) 827-8000 F (716) 270-6091 www.nussbaumer.com

This survey was prepared without the benefit of an abstract of title and is subject to any state or federal design, specification, plan, or other regulation of section 7209, provision 2 of the New York State Education Law.

NO IRONS SET OR FOUND AT PROPERTY CORNERS UNLESS NOTED HEREON.



BOUNDARY SURVEY
 Sublot 1 - Shisler Road
 Part of Lot 2, Township 12, Range 6, Section 5
 Holland Land Company's Survey
 Town of Clarence
 County of Erie, State of New York
 Date of Survey: 09/18/2024



Scale: 1" = 80'



258.89' MS.
RADIAL

SOUTH RIGHT OF WAY OF LANDS OF
WEST SHORE BRANCH OF NEW YORK
CENTRAL RAILROAD
L=469.66' MS.
R=11,409.19' D.#MS.

LANDS FORMERLY OF
NEW YORK CENTRAL RAILROAD

L=617.89' MS.
R=11,409.19' D.#MS.

SUBLOT 2

N/F
SHISLER ROAD ASSOCIATES LLC
PART OF SBL#72.00-2-16
AREA = 2.93± ACRES

SUBLOT 1

N/F
SHISLER ROAD ASSOC. LLC
PART OF
SBL#72.00-2-16

N/F
TAMMY KAPTMAN &
CHARLES D. BRENNAN JR.
L-11264 P-5245
SBL#72.13-1-4

N/F
SANDRA L. & RICHARD E. PRATT
L-11317 P-3993
SBL#72.13-1-3

N/F
JEFFREY & PATRICIA BROWN
L-11092 P-5293
SBL#72.13-1-2

N/F
BERNICE M. &
RUSSELL J. HAHN
L-9928 P-347
SBL#72.13-1-1

302.88' MS.

97.00'

6.80' MS.
18.48' D.

N/F
RENE A. OSTOLSKI
L-11338 P-9403
SBL#72.13-1-13

FOUND MON.
0.741W
FOUND MON.
10.04'S
2.471W
SET
REBAR

335.06'
185.06' MS.

440.00' D.#MS.

FOUND
IRON
0.33'E

FOUND
IRON
0.28'E
FOUND MON.
3.07'S

FOUND
IRON
1.38'S
10.41'E

FOUND
IRON
1.55'S

FOUND
IRON
ON LINE

91.14' D.#MS.

154.06' D.#MS.

SHISLER (66' WIDE) ROAD

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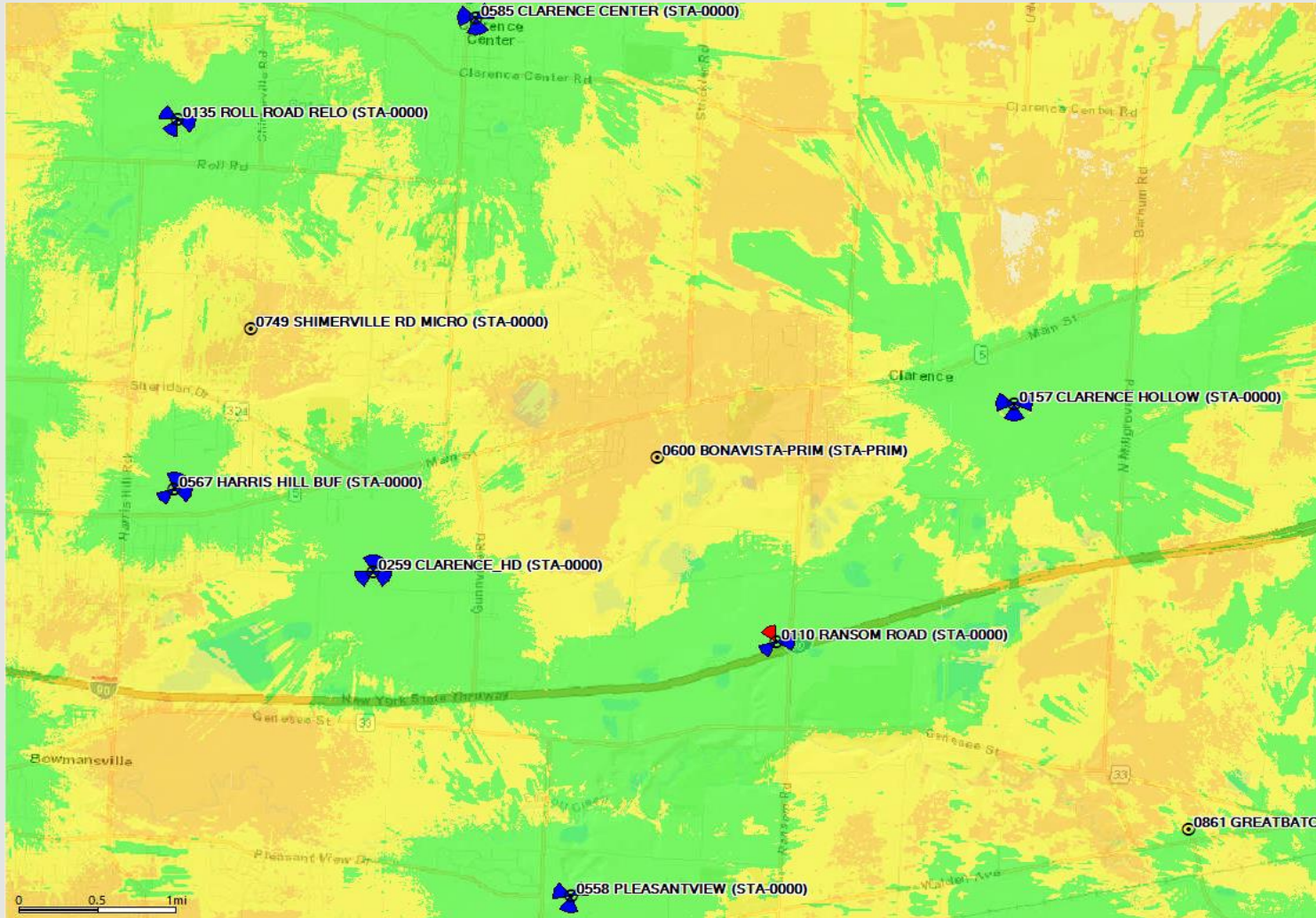


BOUNDARY SURVEY
Sublot 2 - Shisler Road
Part of Lot 2, Township 12, Range 6, Section 5
Holland Land Company's Survey
Town of Clarence
County of Erie, State of New York
Date of Survey: 09/18/2024
Scale: 1" = 80'



Existing 700MHz Coverage

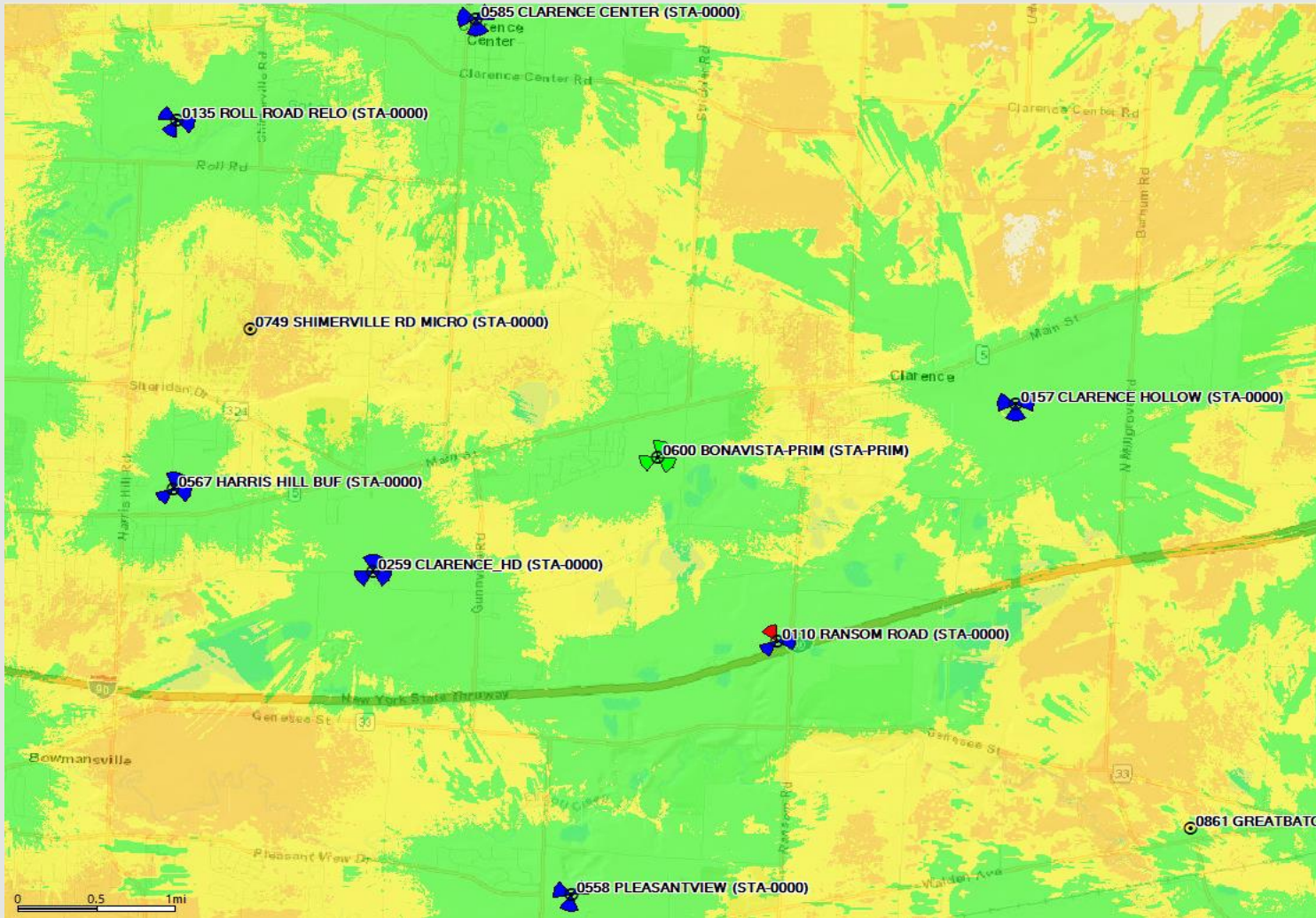
This coverage map shows existing 700 LTE coverage in and around the Bona Vista site area.



Green	-85	Best Signal Level (dBm) >=-85
Yellow	-95	Best Signal Level (dBm) >=-95
Orange	-105	Best Signal Level (dBm) >=-105

Proposed 700MHz Coverage

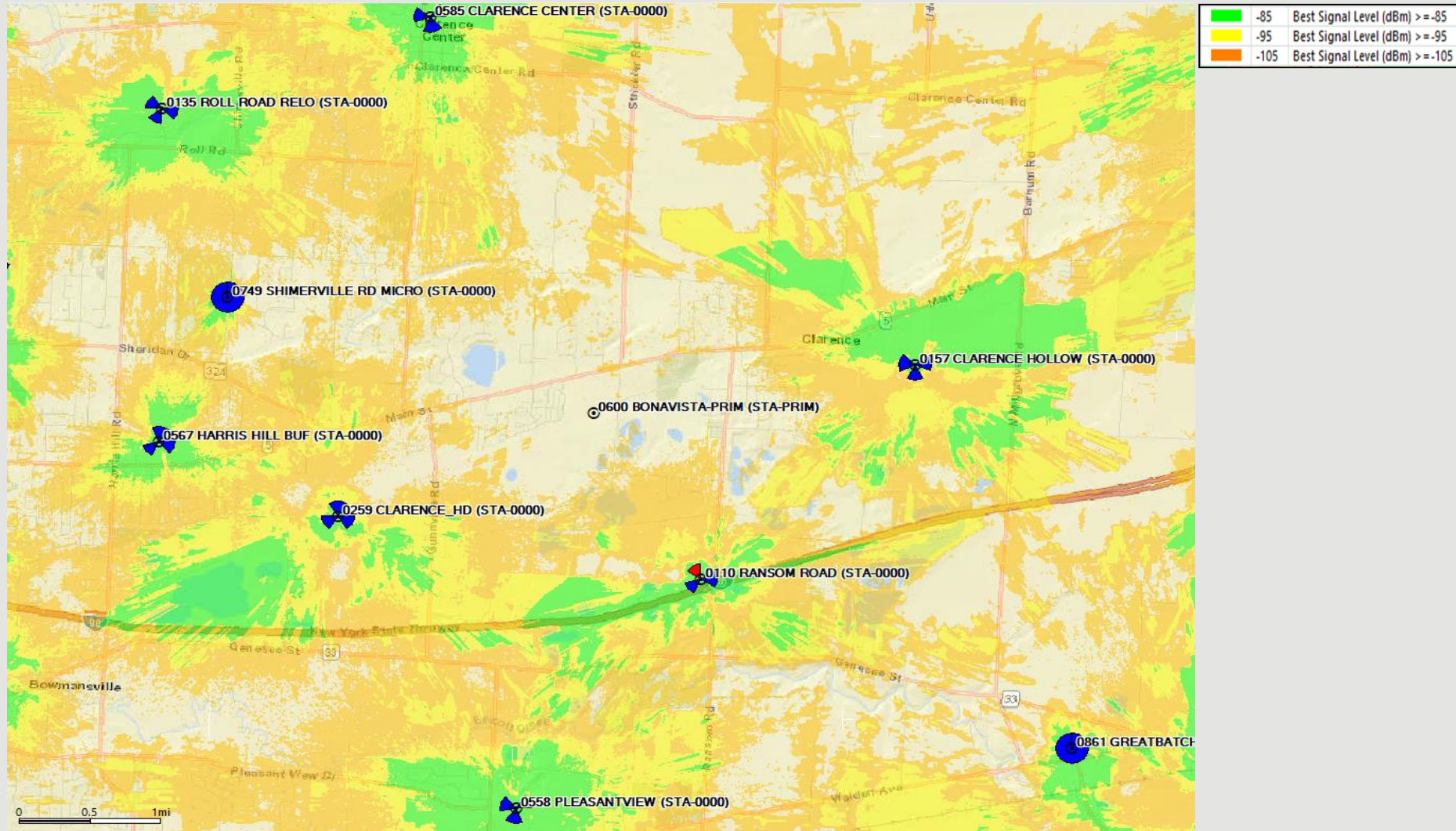
This coverage map shows how improved the RF conditions will be in and around the Bona Vista site area .



Green	-85	Best Signal Level (dBm) >=-85
Yellow	-95	Best Signal Level (dBm) >=-95
Orange	-105	Best Signal Level (dBm) >=-105

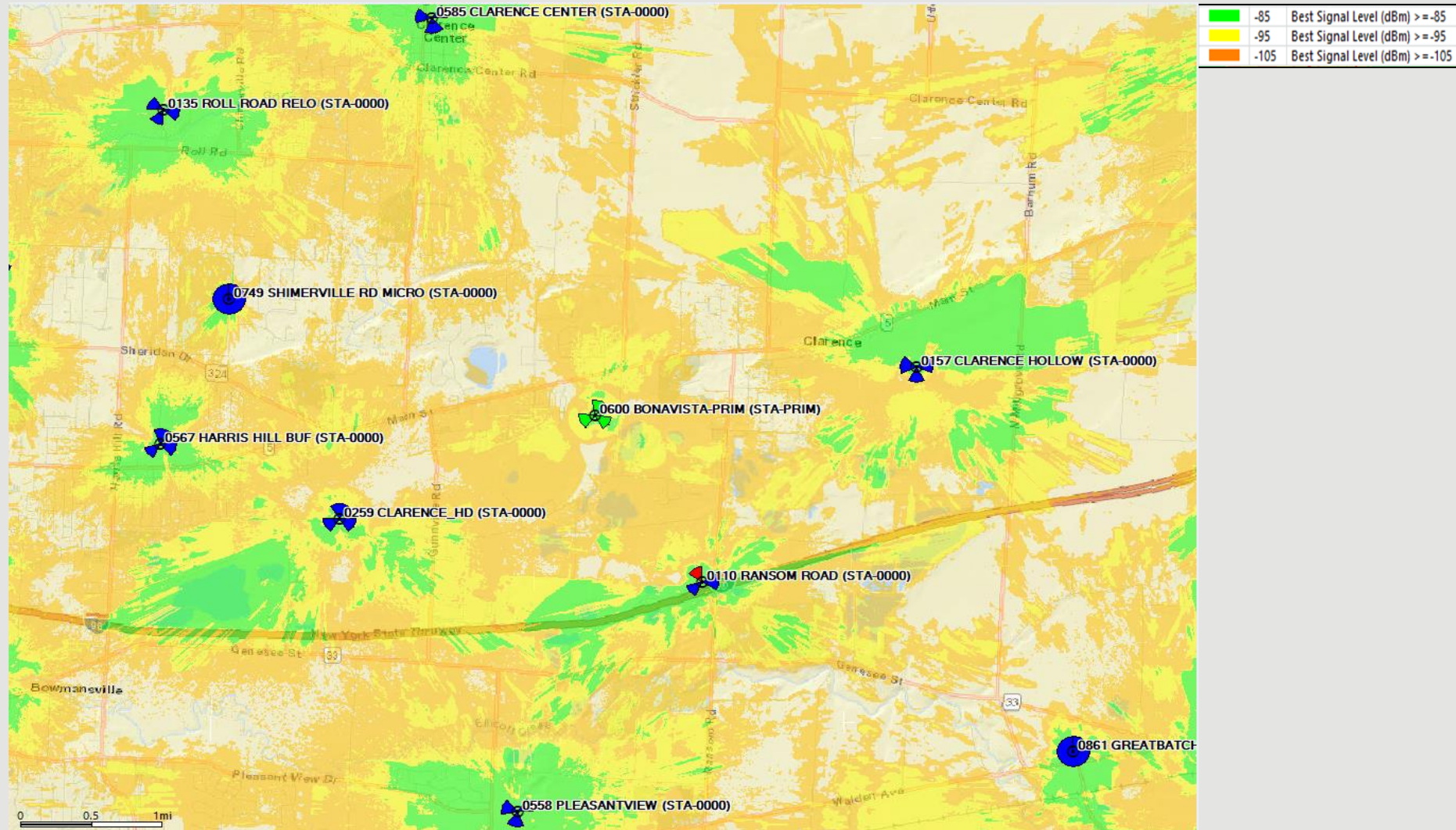
Existing 2100MHz Coverage

This coverage map shows the existing RF conditions in and around the Bona Vista site area.



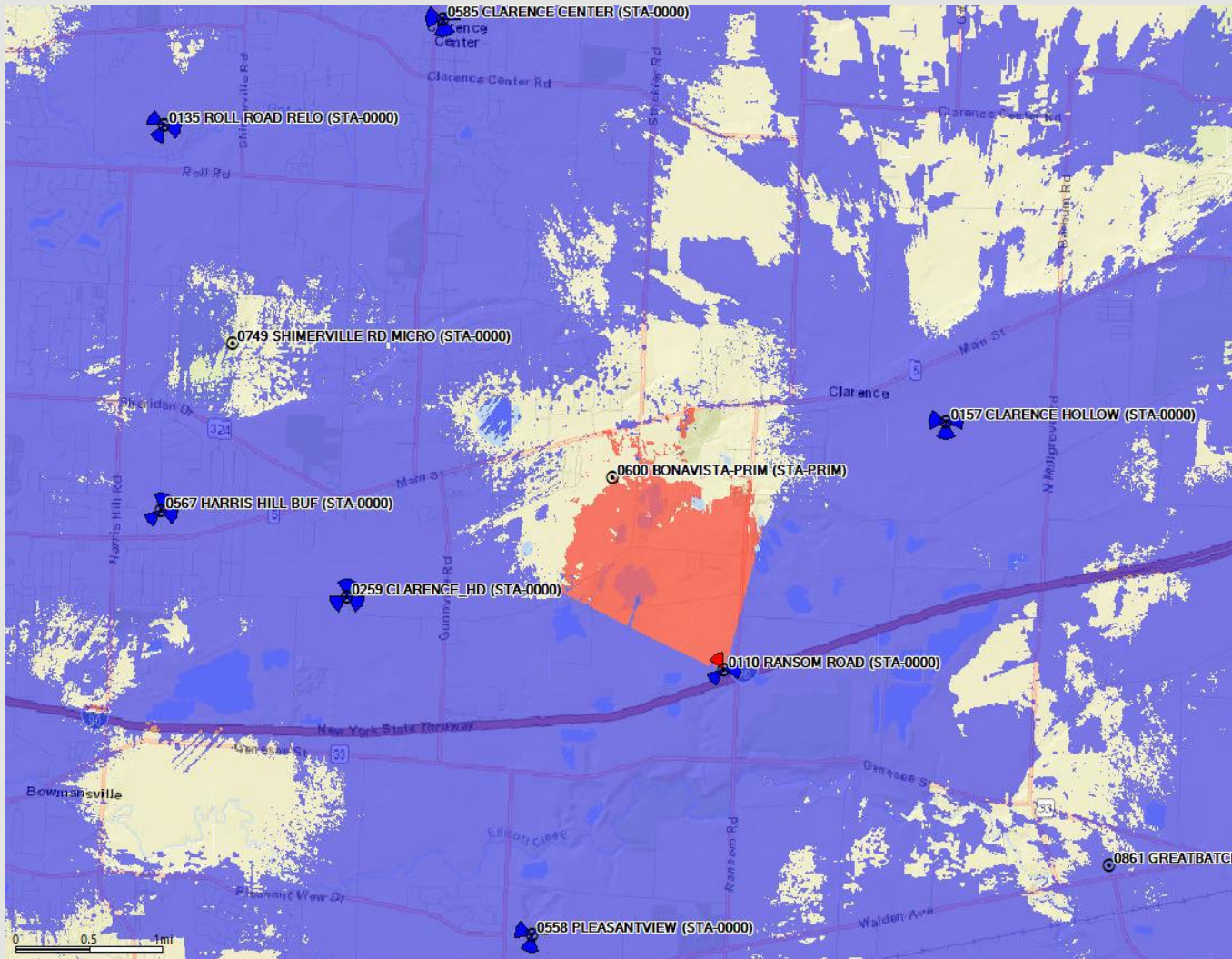
Proposed 2100MHz Coverage



This coverage map shows how improved the RF conditions will be in and around the Bona Vista site area.



Existing 700 MHz Best Server -105dBm RSRP

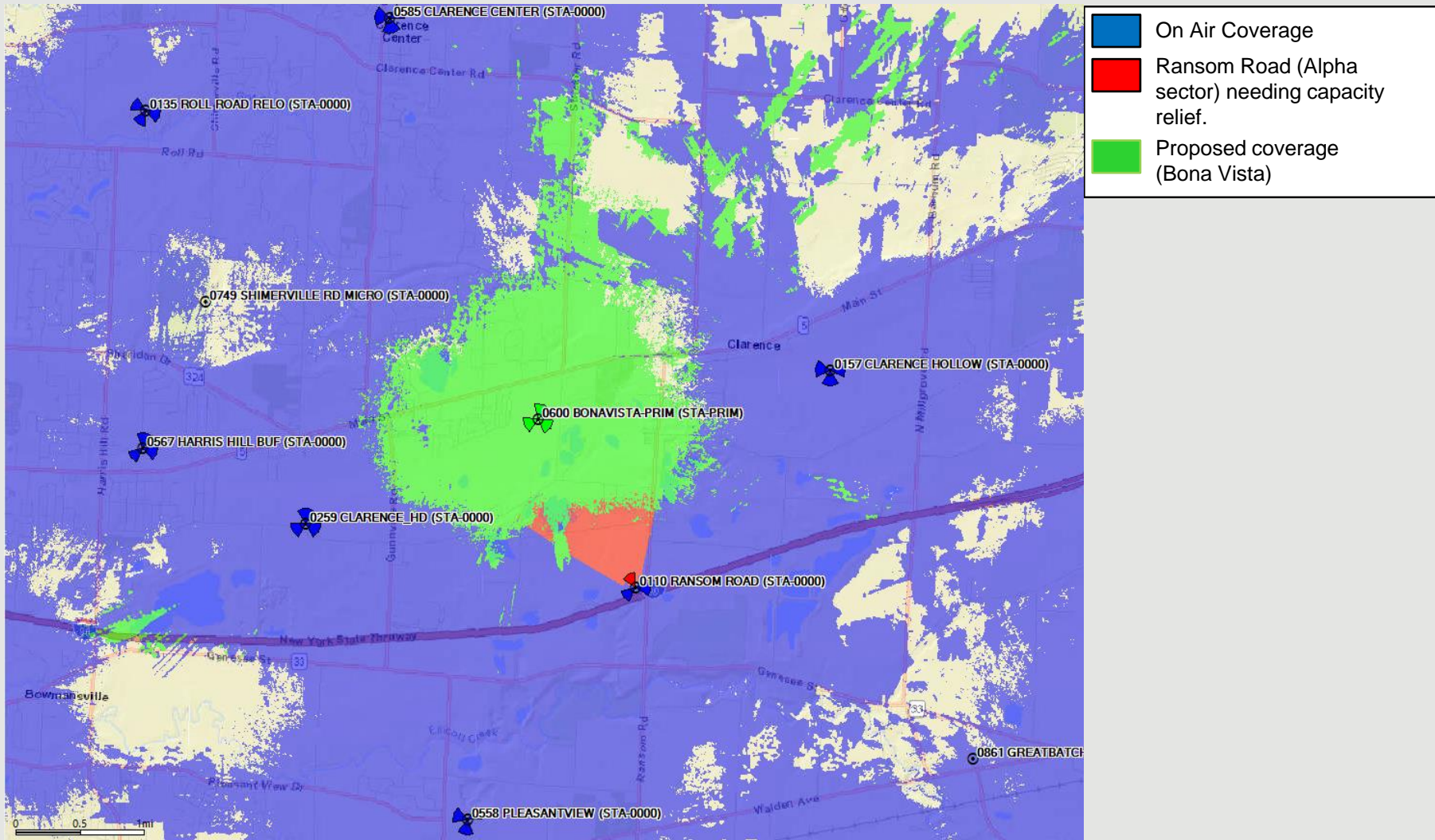
Best Server plots depict the actual best server or dominant footprint of each sector.



	On Air Coverage
	Ransom Road (Alpha sector) needing capacity relief.

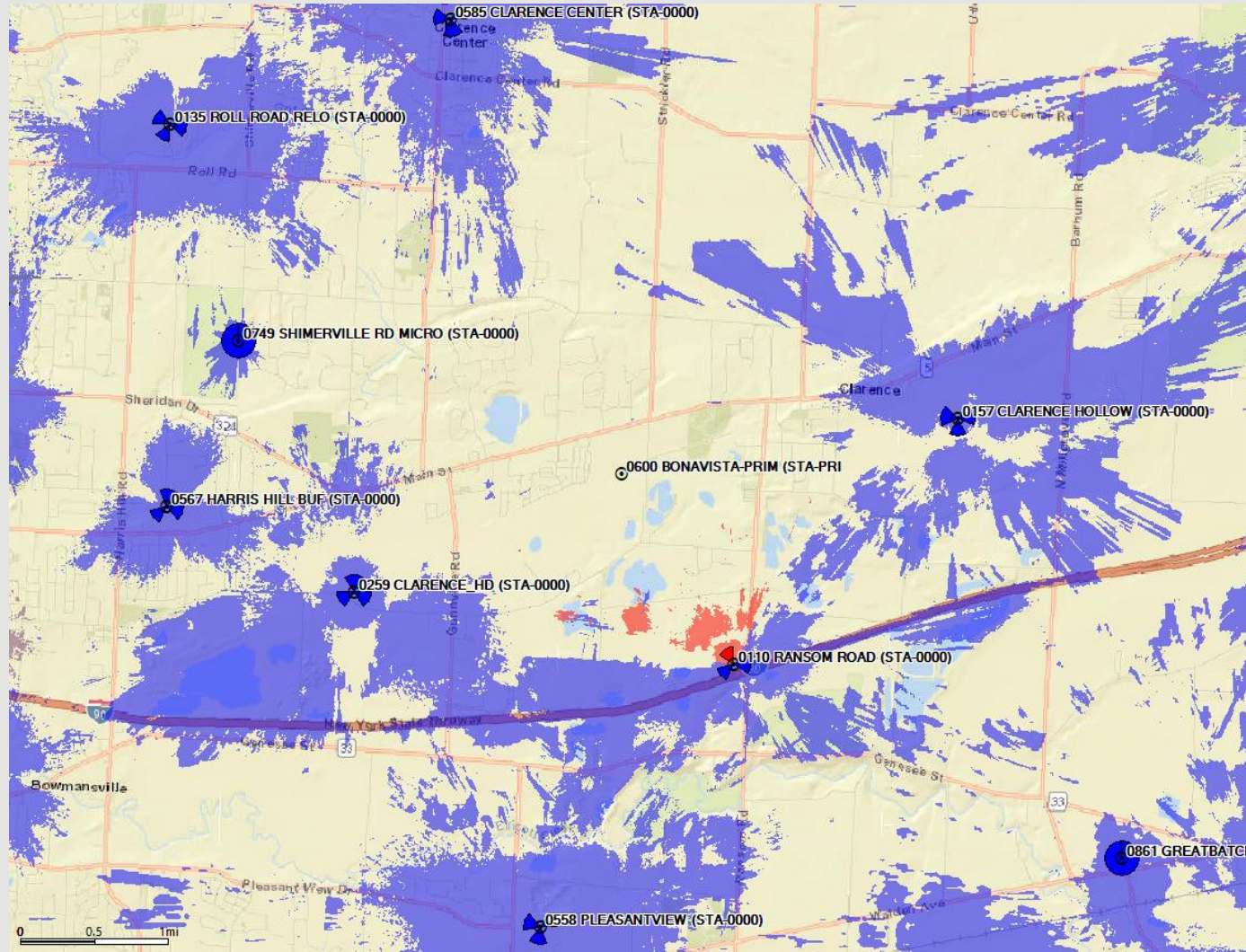
Proposed 700 MHz Best Server -105dBm RSRP



Best Server plots depict the actual best server or dominant footprint of each sector.



Existing 2100MHz Best Server -105dBm RSRP

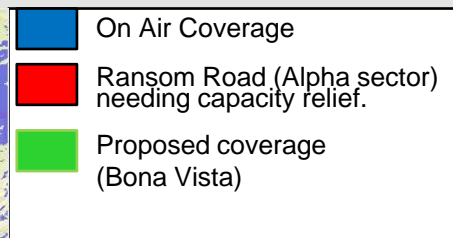
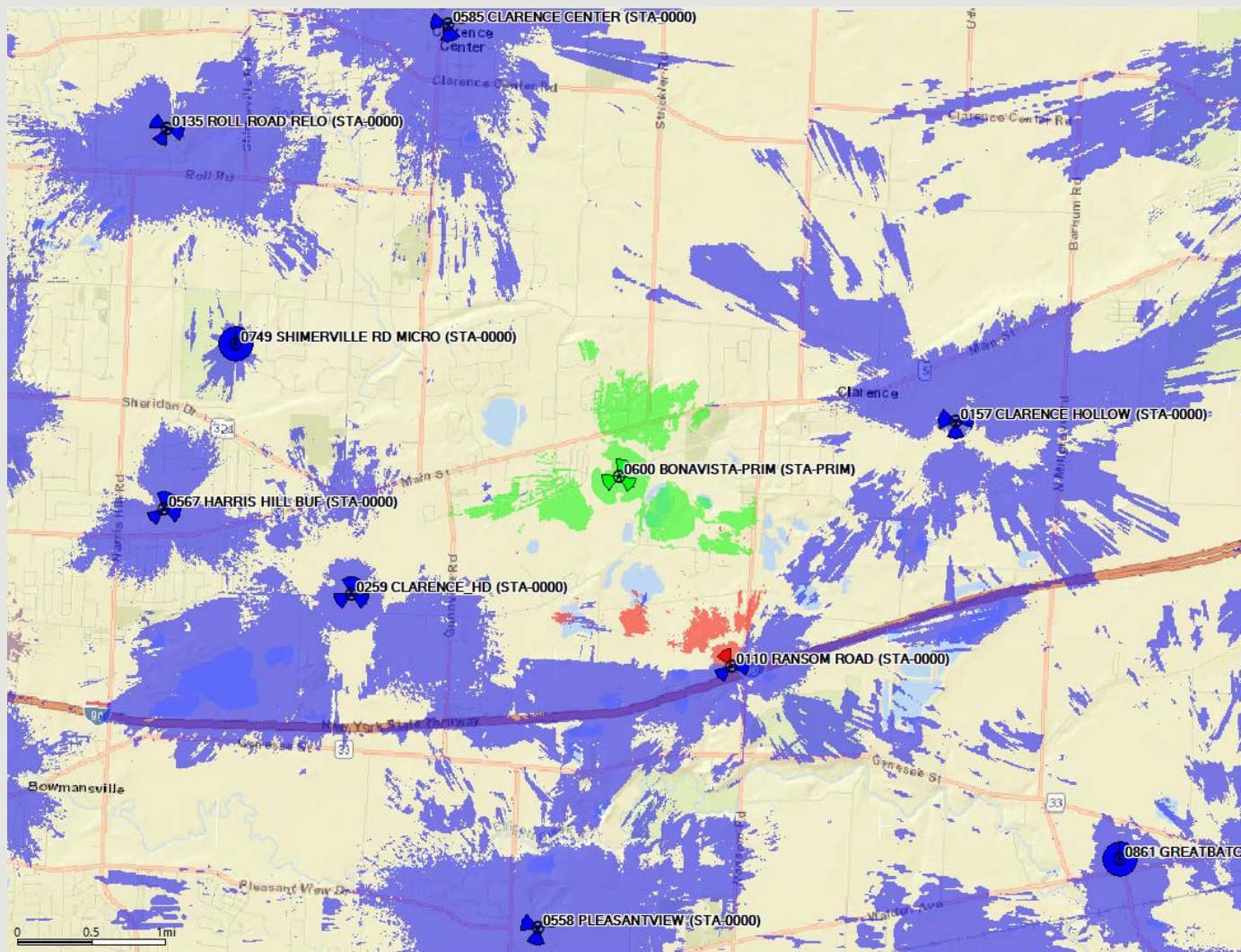
Best Server plots depict the actual footprint of each sector



	On Air Coverage
	Ransom Road (Alpha sector) needing capacity relief.

Proposed 2100MHz Best Server -105dBm RSRP

Best Server plots depict the actual footprint of each sector.





HARMONITOWERS

ZONING DRAWINGS

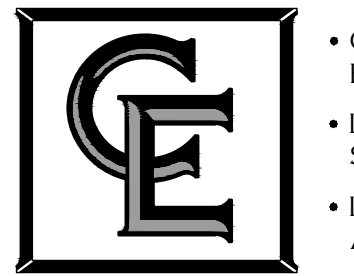
SITE NAME: CLARENCE

SITE NUMBER: NY0005156

ADDRESS: 0 SHISLER ROAD (ACCESS NORTH OF 4630 SHISLER ROAD)
CLARENCE, NEW YORK 14031

HARMONITOWERS

11101 ANDERSON DRIVE, SUITE 200
LITTLE ROCK, AR 72212



- CIVIL ENGINEERING
- LAND SURVEYING
- LANDSCAPE ARCHITECTURE

COSTICH ENGINEERING
217 LAKE AVENUE
ROCHESTER, NY 14608
(585) 458-3020

NO.	DATE	COMMENTS
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2	06/06/2024	TKW ADDED SITE NUMBER, REVISED TENANT EQUIPMENT, ISSUED FINAL
3	09/03/2024	TKW ADDED FIRE DPT EQUIPMENT TO TOWER ELEVATION
4	01/28/2025	AJK REVISED TOWER HEIGHT AND ANCHOR TENANT
5	02/18/2025	AJK REVISED TOWER ELEVATION

PROJECT SUMMARY/DIRECTORY	
SITE ADDRESS:	0 SHISLER ROAD (ACCESS NORTH OF 4630 SHISLER ROAD) CLARENCE, NEW YORK 14031
MUNICIPALITY:	TOWN OF CLARENCE
COUNTY:	ERIE
TAX MAP NUMBER:	72.00-2-16 (76.7± ACRES PER TAX MAP)
ZONING DISTRICT:	INDUSTRIAL BUSINESS PARK/ RESIDENTIAL SINGLE FAMILY
SETBACKS:	INDUSTRIAL BUSINESS PARK SETBACK REQUIREMENTS: FRONT: 80' SIDE: 20' REAR: 25'
TOWER SETBACK:	150' (TOWER HEIGHT) FROM PROPERTY LINES 100' TO RESIDENTIAL DISTRICTS
TYPE OF SITE:	150' RAWLAND MONOPOLE
LATITUDE:	42.972900° (42° 58' 22.44"N)
LONGITUDE:	-78.610704° (78° 36' 38.53"W)
BASE ELEVATION:	741.7± AMSL
LIMITS OF DISTURBANCE:	0.95 ± ACRES
PROPERTY OWNER:	SHISLER ROAD ASSOCIATES LLC 9580 MAIN STREET CLARENCE, NEW YORK 14031
TOWER OWNER/ APPLICANT:	HARMONI TOWERS 11101 ANDERSON DRIVE, SUITE 200 LITTLE ROCK, AR 72212 CONTACT: DAN CAMPAGNA PHONE: (847) 910-0017
ANCHOR TENANT:	BELL ATLANTIC MOBILE SYSTEMS, LLC D/B/A VERIZON WIRELESS 1275 JOHN STREET, SUITE 100 WEST HENRIETTA, NY 14586 CONTACT: GREG HANLEY PHONE: (315) 794-1093
UTILITY PROVIDER:	ELECTRIC COMPANY: NYSEG PHONE: TBD FIBER PROVIDER: TBD PHONE: TBD

SHEET INDEX			
SHT. NO.	DESCRIPTION	REV NO	REVISION DATE
GA001	TITLE SHEET	5	02/18/2025
GA002	GENERAL NOTES	5	02/18/2025
GA003	GENERAL NOTES	5	02/18/2025
VA100	SURVEY PLAN AND SCHEMATIC TOTAL HOLDINGS	5	02/18/2025
VA110	SURVEY NOTES & DESCRIPTIONS	5	02/18/2025
CA100	OVERALL SITE PLAN	5	02/18/2025
CA110	COMPOUND PLAN	5	02/18/2025
CA120	GRADING AND EROSION CONTROL PLAN	5	02/18/2025
CA121	GRADING AND EROSION CONTROL PLAN	5	02/18/2025
CA200	ELEVATION, ORIENTATION PLAN & RF INFO	5	02/18/2025
CA500	EQUIPMENT ELEVATIONS	5	02/18/2025
CA501	SITE DETAILS	5	02/18/2025
CA502	EROSION CONTROL DETAILS	5	02/18/2025

THESE DRAWINGS ARE FORMATTED FOR 22"x34" FULL SIZE AND 11"x17" HALF SIZE. OTHER SIZED VERSIONS ARE NOT PRINTED TO THE SCALE SHOWN. CONTRACTOR SHALL VERIFY ALL PLANS, EXISTING DIMENSIONS & CONDITIONS ON THE JOB SITE & SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME. THIS SET OF PLANS SHALL NOT BE UTILIZED AS CONSTRUCTION DOCUMENTS UNTIL ALL ITEMS OF CONCERN HAVE BEEN ADDRESSED AND EACH OF THE DRAWINGS HAS BEEN REVISED AND ISSUED "FOR CONSTRUCTION".

DIG SAFELY - NEW YORK



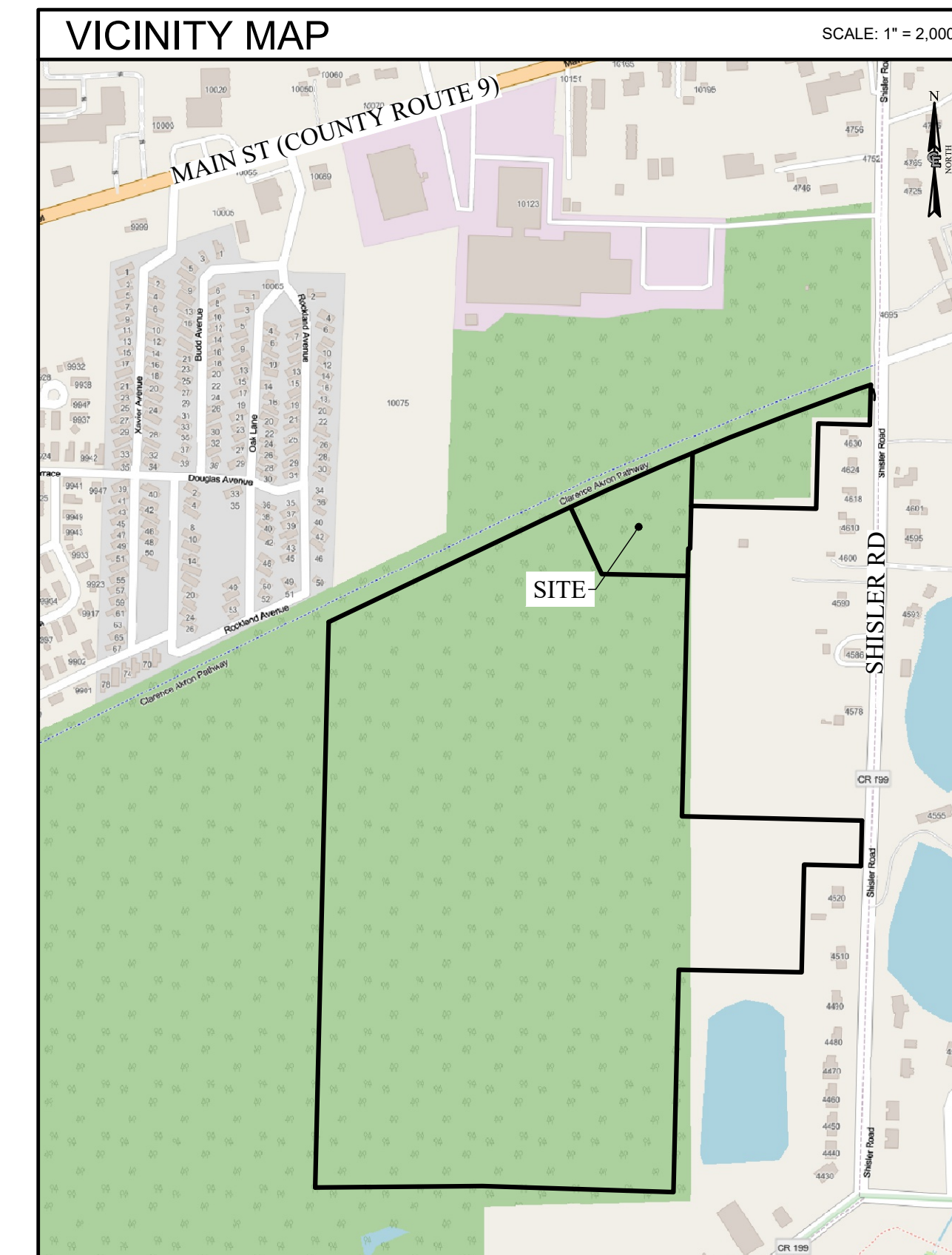
Before You Dig, Drill Or Blast!

Dig Safely. New York

UNDERGROUND FACILITIES PROTECTIVE ORGANIZATION
CALL US TOLL FREE 1-800-962-7962
NY industrial code rule 753 requires no less than two working days notice, but not more than ten days notice.

PROJECT DESCRIPTION

THE PROPOSED WORK CONSISTS OF THE CONSTRUCTION AND INSTALLATION OF AN UNMANNED WIRELESS FACILITY WITH ASSOCIATED UTILITIES.



PROJECT MANAGER

D.A.W.

DRAWN BY

T.K.W.

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COSTICH ENGINEERING, D.P.C.

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, LAND SURVEYOR, ARCHITECT OR LANDSCAPE ARCHITECT, TO ALTER ANY ITEM ON THIS DOCUMENT IN ANY WAY. ANY LICENSEE WHO ALTERS THIS DOCUMENT IS REQUIRED BY LAW TO AFFIX HIS/ HER SEAL AND THE NOTATION "ALTERED BY", FOLLOWED BY HIS/ HER SIGNATURE AND SPECIFIC DESCRIPTION OF THE ALTERATION, TO THE DOCUMENT.

SITE INFORMATION

CLARENCE
SITE# NY0005156

TOWN OF CLARENCE
COUNTY OF ERIE
STATE OF NEW YORK

SHEET TITLE

TITLE SHEET

C.E. JOB NUMBER

8776

SHEET NUMBER

GA001

SHEET 01 OF 13

EROSION & SEDIMENT CONTROL MEASURES

TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES

GENERAL MEASURES:

1. AS MUCH AS IS PRACTICAL, EXISTING VEGETATION SHALL BE PRESERVED. FOLLOWING THE COMPLETION OF CONSTRUCTION ACTIVITIES IN ANY PORTION OF THE SITE, PERMANENT VEGETATION SHALL BE ESTABLISHED ON ALL EXPOSED SOILS.
2. SITE PREPARATION ACTIVITIES SHALL BE PLANNED TO MINIMIZE THE SCOPE AND DURATION OF SOIL DISRUPTION.

PARTICULAR MEASURES:

1. DRAINAGE DITCH SEDIMENT FILTERS: DITCHES, SHALL RECEIVE CHECK DAMS WITH 2-9 INCH STONE MEETING NYS-DOT LIGHT STONE FILL REQUIREMENTS SO AS TO EFFECTIVELY TRAP SEDIMENT AND MINIMIZE ITS RELEASE OFF-SITE. CHECK DAMS SHALL HAVE A 9" MINIMUM WEIR AND BE CONSTRUCTED WITHIN EACH DITCH BEGINNING AT ITS DOWNSTREAM TERMINUS. CHECK DAMS SHALL BE PLACED WITHIN THE CHANNEL SO THAT THE CREST OF THE DOWNSTREAM DAM IS AT THE ELEVATION OF THE TOE OF THE UPSTREAM DAM.
2. SILT FENCES AND COMPOST FILTER SOCKS SHALL BE CONSTRUCTED AROUND ALL STOCKPILES OF FILL, TOPSOIL AND EXCAVATED OVERBURDEN THAT ARE TO REMAIN FOR PERIODS LESS THAN 30 DAYS. SILT FENCES AND COMPOST FILTER SOCKS SHALL BE ANCHORED AND MAINTAINED IN GOOD CONDITION UNTIL SUCH TIME AS STOCKPILES ARE REMOVED AND STOCKPILING AREAS ARE BROUGHT TO FINAL GRADE AND PERMANENTLY STABILIZED.
3. TOPSOIL AND FILL THAT IS TO REMAIN STOCKPILED ON-SITE FOR PERIODS GREATER THAN 30 DAYS SHALL BE STABILIZED BY SEEDING. PRIOR TO THE SEEDING OPERATION, THE STOCKPILED MATERIAL SHALL BE GRADED AS NEEDED AND FEASIBLE TO PERMIT THE USE OF CONVENTIONAL EQUIPMENT FOR SEEDBED PREPARATION, SEEDING, MULCH APPLICATION AND MULCH ANCHORING.
4. IN NO CASE SHALL ERODIBLE MATERIALS BE STOCKPILED WITH 25 FEET OF ANY DITCH, STREAM, OR OTHER SURFACE WATER BODY.

PERMANENT AND TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES

1. PERMANENT AND TEMPORARY VEGETATIVE COVER: IMMEDIATELY FOLLOWING THE COMPLETION OF CONSTRUCTION ACTIVITY OR WHERE WORK IS DELAYED AND WILL NOT BE DISTURBED FOR 21 DAYS OR MORE IN ANY PORTION OF THE SITE. PERMANENT OR TEMPORARY VEGETATION SHALL BE ESTABLISHED WITHIN 14 DAYS ON ALL EXPOSED SOILS. ALL DISTURBED AREAS SHALL BE SEEDED AND MULCHED AS SOON AS PRACTICAL FOLLOWING DISTURBANCE TO STABILIZE BARE SOIL AND PROMOTE THE PROMPT RE-ESTABLISHMENT OF VEGETATION.
 - A. AN ADEQUATE SEEDBED SHALL BE PREPARED BY SCARIFYING COMPACTED SOIL AND REMOVING SURFACE DEBRIS AND OBSTACLES.
 - B. LIME SHALL BE APPLIED SUFFICIENTLY TO ATTAIN A SOIL ACIDITY pH OF 6.0 TO 7.0.
 - C. FERTILIZER (5-10-10 MIXTURE OR EQUIVALENT) SHALL BE APPLIED PER SOIL TEST RESULTS OR AT A RATE OF 600 LBS PER ACRE.
 - D. DISTURBED AREAS WHICH WILL REMAIN TEMPORARILY FALLOW FOR PERIODS GREATER THAN 14 DAYS SHALL BE SEEDED AT THE FOLLOWING RATE TO PRODUCE TEMPORARY GROUND COVER: 30 LBS RYEGRASS (ANNUAL OR PERENNIAL) PER ACRE. DURING THE WINTER, USE 100 LBS CERTIFIED "AROOSTOCK" WINTER RYE (CEREAL RYE) PER ACRE.
 - E. PERMANENT SEEDING SHALL BE APPLIED ON 4" MIN. TOPSOIL AT THE FOLLOWING RATE FOR ROUGH OR OCCASIONAL MOWING AREAS:
 - 8 LBS EMPIRE BIRDSFOOT TIREFOIL OR COMMON WHITE CLOVER PER ACRE.
 - 20 LBS TALL FESCUE PER ACRE PLUS
 - 2 LBS REDTOP OR 5 LBS RYEGRASS (PERENNIAL) PER ACRE
 FOR MOWED AREAS:
 - 65 LBS KENTUCKY BLUEGRASS PER ACRE
 - 65 LBS RYEGRASS (PERENNIAL) PER ACRE
 - F. ALL SEEDING SHALL BE PERFORMED USING THE BROADCAST METHOD OR HYDROSEEDING, UNLESS OTHERWISE APPROVED.
 - G. ALL DISTURBED AREAS SHALL BE STABILIZED SUBSEQUENT TO SEEDING BY APPLYING 2 TONS OF STRAW MULCH PER ACRE. STRAW MULCH SHALL BE ANCHORED BY APPLYING 750 LBS OF WOOD FIBER MULCH PER ACRE WITH A HYDROSEEDER, OR TUCKING THE MULCH WITH SMOOTH DISCS OR OTHER MULCH ANCHORING TOOLS TO A DEPTH OF 3". MULCH ANCHORING TOOLS SHALL BE PULLED ACROSS SLOPES ALONG TOPOGRAPHIC CONTOURS.
2. ALL UNNECESSARY REMOVAL OF HEALTHY TREES SHALL BE AVOIDED. MATERIALS SHALL NOT BE STORED NOR MACHINERY OPERATED WITHIN THE DRIP-LINE OF THE TREES TO REMAIN.

MAINTENANCE OF EROSION AND SEDIMENT CONTROL MEASURES:

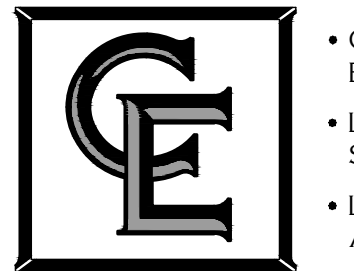
1. THE CONTRACTOR SHALL ON A DAILY BASIS INSPECT AND MAINTAIN THE INTEGRITY AND FUNCTION OF ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES THROUGHOUT THE DURATION OF THE CONSTRUCTION PROCESS.
2. TO ASSURE PROPER FUNCTION, SILTATION BARRIERS SHALL BE MAINTAINED IN GOOD CONDITION AND REINFORCED, EXTENDED, REPAIRED OR REPLACED AS NECESSARY. WASHOUTS SHALL BE IMMEDIATELY REPAIRED, RE-SEEDED AND PROTECTED FROM FURTHER EROSION.
3. SEDIMENT SHALL BE REMOVED FROM BEHIND THE SEDIMENT FENCE WHEN IT BECOMES ABOUT 0.5 FEET DEEP AT THE FENCE AND FROM BEHIND THE COMPOST FILTER SOCKS ONCE IT REACHES 1/2 THE FILTER SOCK HEIGHT. THE SEDIMENT FENCE AND COMPOST FILTER SOCKS SHALL BE REPAIRED AS NECESSARY TO MAINTAIN BARRIER.
4. ALL SEEDED AREAS SHALL BE FERTILIZED, RESEEDED AS NECESSARY, AND MULCHED ACCORDING TO SPECIFICATIONS IN THE VEGETATIVE PLAN IN ORDER TO MAINTAIN A VIGOROUS, DENSE VEGETATIVE COVER.

SOIL AND EROSION CONTROL NOTES

1. TEMPORARY SEDIMENTATION ENTRAPMENT AREAS SHALL BE PROVIDED AT KEY LOCATIONS TO INTERCEPT AND CLARIFY SILT LADEN RUNOFF FROM THE SITE.
2. SILT THAT LEAVES THE SITE IN SPITE OF THE REQUIRED PRECAUTIONS SHALL BE COLLECTED AND REMOVED AS DIRECTED BY APPROPRIATE MUNICIPAL AUTHORITIES.
3. AT THE COMPLETION OF THE PROJECT, ALL TEMPORARY SILTATION DEVICES SHALL BE REMOVED AND THE AFFECTED AREAS REGRADED, OR TREATED IN ACCORDANCE WITH THE APPROVED SITE PLANS.
4. ALL SEDIMENTATION ENTRAPMENT STRUCTURES WILL BE INSPECTED AND MAINTAINED ON A REGULAR BASIS.
5. CONTRACTOR TO INSTALL EROSION CONTROL MEASURES (SILT FENCE AND/ OR COMPOST FILTER SOCKS) AROUND AREAS BEING DISTURBED DURING CONSTRUCTION AND AS NECESSARY.
6. CONTRACTOR TO INSTALL SILT FENCE OR COMPOST FILTER SOCKS DOWNSLOPE OF ALL UTILITY TRENCHES.
7. DISTANCES SHOWN FROM THE WETLANDS IF ANY ON THE CONSTRUCTION PLANS AND SOIL EROSION AND SEDIMENT CONTROL PLANS ESTABLISH THE MINIMUM SEPARATION PERMITTED BETWEEN THE PROPOSED CONSTRUCTION ACTIVITIES AND BOUNDARY OF THE WETLANDS.
 - 7.1. AREA OF DISTURBANCE LINES SHALL BE CLEARLY DELINEATED IN THE FIELD BY INSTALLING ORANGE CONSTRUCTION FENCING AROUND THE ENTIRE PROPOSED CONSTRUCTION AREA, EXCEPT AS NECESSARY TO PROVIDE MITIGATION PLANTINGS, NO ENCROACHMENT BEYOND THESE LIMITS BY WORKERS OR MACHINERY SHALL BE PERMITTED.
 - 7.2. GRADING AND CLEARING AND OTHER CONSTRUCTION-RELATED ACTIVITIES SHALL TAKE PLACE ONLY WITHIN THE DELINEATED AREA OF DISTURBANCE LINES. THESE AREAS OF DISTURBANCE LINES REPRESENT THE MAXIMUM LIMITS OF CONSTRUCTION ACTIVITIES. EVERY ATTEMPT SHALL BE MADE TO FURTHER REDUCE GRADING AND CLEARING ACTIVITIES WITHIN THE AREA OF DISTURBANCE LINES BY MAINTAINING NATURAL VEGETATION AND TOPOGRAPHY WHEREVER PRACTICABLE.
 - 7.3. ALL CONSTRUCTION AND CONSTRUCTION RELATED-ACTIVITIES OCCURRING ON THIS SITE SHALL COMPLY WITH THE STANDARDS AND RECOMMENDATIONS OF THE NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL.
 - 7.4. PRIOR TO THE COMMENCEMENT OF ANY SITE WORK, THE APPLICANT SHALL STAKE THE LOCATION OF THE CONSTRUCTION ACTIVITY FOR INSPECTION AND APPROVAL BY THE TOWN ENGINEER (IF REQUIRED).
 - 7.5. ALL SOIL EROSION AND SEDIMENTATION CONTROL MEASURES SHOWN ON THIS PLAN SHALL BE IN PLACE PRIOR TO THE START OF ANY SITE WORK. THE TOWN ENGINEER SHALL HAVE INSPECTED THE INSTALLATION OF ALL REQUIRED SOIL EROSION AND SEDIMENTATION CONTROL MEASURES PRIOR TO THE AUTHORIZATION TO PROCEED WITH ANY PHASE OF THE SITE WORK (IF REQUIRED).
 - 7.6. THROUGHOUT THE CONSTRUCTION PERIOD, A QUALIFIED PROFESSIONAL RETAINED BY THE APPLICANT SHALL, ON AT LEAST A WEEKLY BASIS, PRIOR TO ANY PREDICTED RAIN EVENT AND AFTER RUNOFF-PRODUCING RAIN EVENT, INSPECT THE SOIL EROSION AND SEDIMENTATION CONTROL MEASURES TO ENSURE THEIR PROPER FUNCTIONING.
 - 7.7. ALL DRAINAGE STRUCTURES AND ANY OTHER REQUIRED UTILITY APPURTENANCES SHALL BE INSTALLED AS REQUIRED BY TOWN SPECIFICATIONS AND AS SHOWN ON THESE PLANS.
 - 7.8. IF THE APPLICANT, DURING THE COURSE OF CONSTRUCTION, ENCOUNTERS SUCH CONDITIONS AS FLOOD AREAS, UNDERGROUND WATER, SOFT OR SILTY AREAS, IMPROPER DRAINAGE, OR OTHER UNUSUAL CIRCUMSTANCES OR CONDITIONS THAT WERE NOT FORESEEN IN THE ORIGINAL PLANNING, THEY SHALL REPORT SUCH CONDITIONS IMMEDIATELY TO THE TOWN ENGINEER. THE APPLICANT MAY SUBMIT, IF THEY SO DESIRE, THEIR RECOMMENDATIONS AS THE SPECIAL TREATMENT TO BE GIVEN SUCH AREAS TO SECURE ADEQUATE, PERMANENT AND SATISFACTORY CONSTRUCTION. THE TOWN ENGINEER, WITHOUT UNNECESSARY DELAY, SHALL INVESTIGATE THE CONDITION OR CONDITIONS, AND SHALL EITHER APPROVE THE APPLICANT'S RECOMMENDATION TO CORRECT THE CONDITIONS, ORDER A MODIFICATION THEREOF, OR ISSUE THEIR OWN SPECIFICATION FOR THE CORRECTION OF THE CONDITIONS. IN THE EVENT OF THE APPLICANT'S DISAGREEMENT WITH THE DECISION OF THE TOWN ENGINEER, OR IN THE EVENT OF A SIGNIFICANT CHANGE RESULTING TO THE SITE PLAN OR ANY CHANGE THAT INVOLVES WETLAND REGULATED AREAS, THE MATTER SHALL BE DECIDED BY THE PLANNING BOARD. ANY SUCH CONDITIONS OBSERVED BY THE PLANNING BOARD OR ITS AGENTS SHALL BE SIMILARLY TREATED.



11101 ANDERSON DRIVE, SUITE 200
LITTLE ROCK, AR 72212



- CIVIL ENGINEERING
- LAND SURVEYING
- LANDSCAPE ARCHITECTURE

COSTICH ENGINEERING
217 LAKE AVENUE
ROCHESTER, NY 14608
(585) 458-3020

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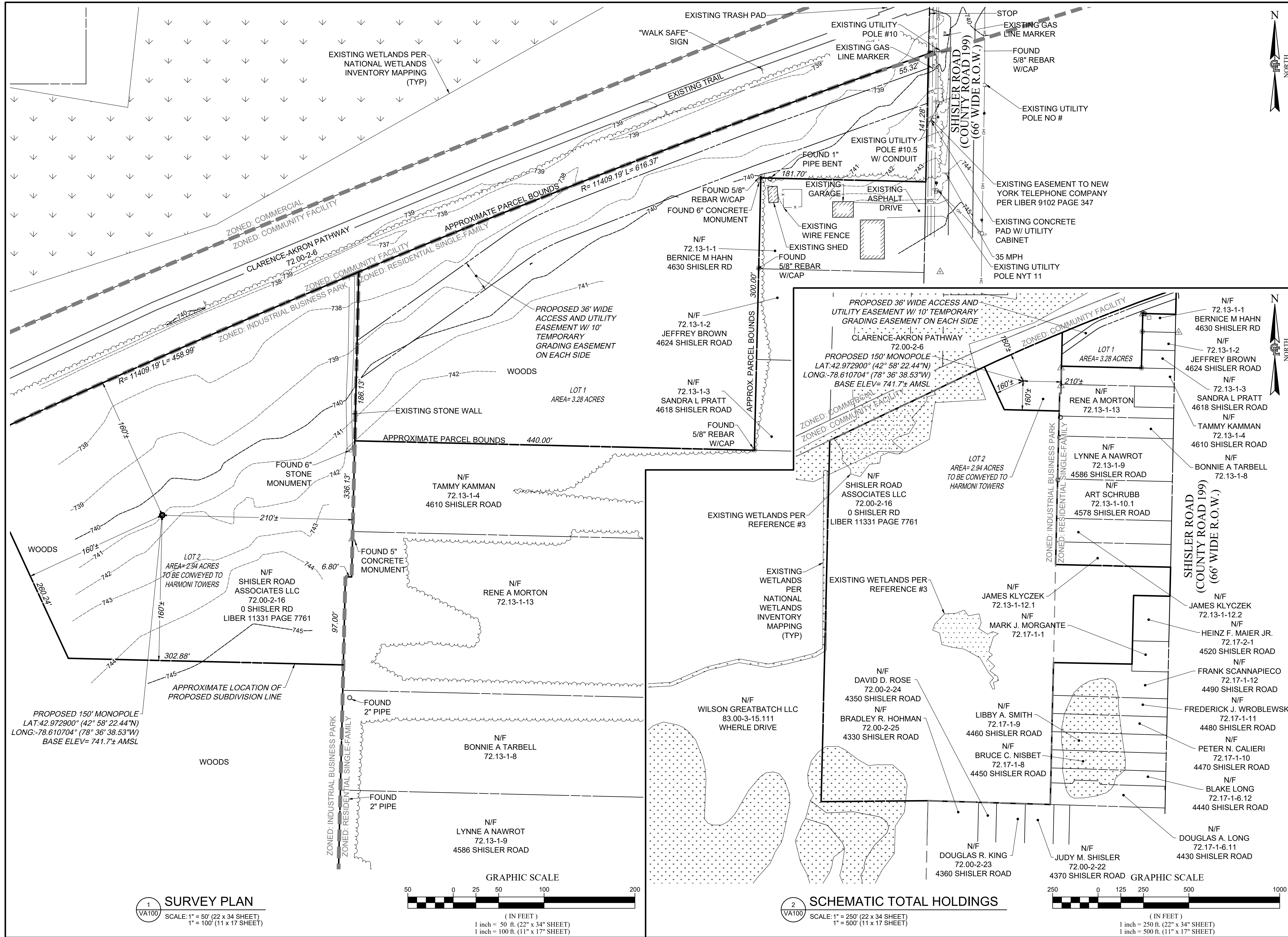
CLARENCE
SITE# NY0005156

TOWN OF CLARENCE
COUNTY OF ERIE
STATE OF NEW YORK

SHEET TITLE

GENERAL NOTES

C.E. JOB NUMBER 8776	SHEET NUMBER GA003
SHEET 03 OF 13	



HARMONITOWERS
 11101 ANDERSON DRIVE, SUITE 200
 LITTLE ROCK, AR 72212

verizon

COSTICH ENGINEERING
 • CIVIL ENGINEERING
 • LAND SURVEYING
 • LANDSCAPE ARCHITECTURE
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PROJECT MANAGER
D.A.W.

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CLARENCE
 SITE# NY0005156

TOWN OF CLARENCE
 COUNTY OF ERIE
 STATE OF NEW YORK

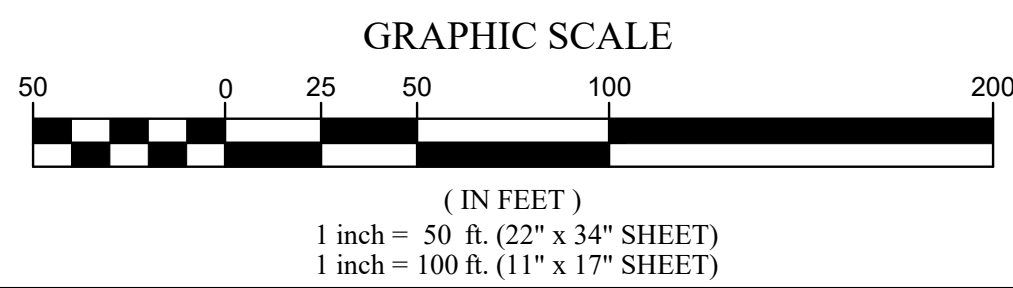
SHEET TITLE
SCHEMATIC TOTAL HOLDINGS

C.E. JOB NUMBER
8776

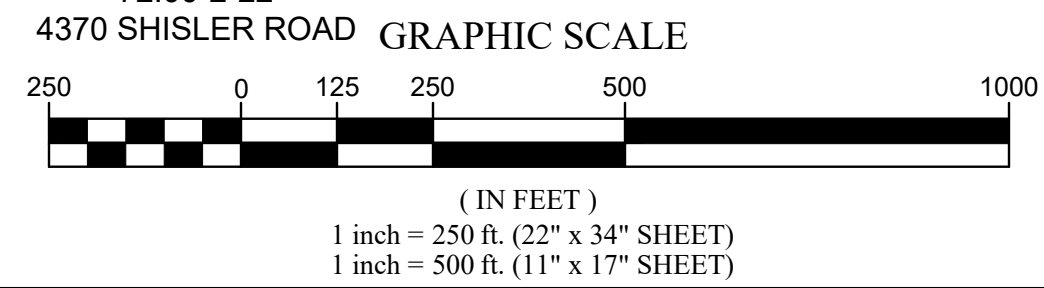
SHEET NUMBER
VA100

SHEET 04 OF 13

1
 VA100
SURVEY PLAN
 SCALE: 1" = 50' (22" x 34" SHEET)
 1" = 100' (11" x 17" SHEET)



2
 VA100
SCHEMATIC TOTAL HOLDINGS
 SCALE: 1" = 250' (22" x 34" SHEET)
 1" = 500' (11" x 17" SHEET)



SCHEDULE A PARENT PARCEL

ALL THAT TRACT OR PARCEL OF LAND SITUATE IN THE TOWN OF CLARENCE, COUNTY OF ERIE AND STATE OF NEW YORK, BEING PART OF LOT NOS. 2 AND 4, SECTION 5, TOWNSHIP 12, RANGE 6 OF THE HOLLAND LAND COMPANY'S SURVEY, DESCRIBED AS FOLLOWS:
 BEGINNING AT A POINT IN THE NORTHEAST CORNER OF LOT NO. 3, ALSO BEING THE SOUTHEAST CORNER OF LOT NO. 4; THENCE WEST ALONG THE NORTH LINE OF LOT NO. 3, ALSO BEING THE SOUTH LINE OF LOT NO. 4, A DISTANCE OF 587.69 FEET; THENCE NORTH AT AN EXTERIOR ANGLE OF 88° 14' 12" A DISTANCE OF 1986.05 FEET TO THE SOUTH LINE OF LANDS CONVEYED TO NEW YORK CENTRAL RAILROAD; THENCE EAST ALONG SAID SOUTH LINE OF NEW YORK CENTRAL RAILROAD, A DISTANCE OF 850.45 FEET TO THE POINT OF CURVATURE; THENCE CONTINUING EAST ALONG SAID SOUTH LINE OF NEW YORK CENTRAL RAILROAD ALONG A CURVE TO THE RIGHT HAVING A RADIUS OF 11,409.19 FEET AND AN ARC LENGTH OF 1181.82 FEET TO THE POINT OF TANGENCY; THENCE EAST ALONG THE SAID TANGENT LINE, A DISTANCE OF 91.14 FEET TO THE CENTER LINE OF SHISLER ROAD; THENCE SOUTH ALONG THE CENTER LINE OF SHISLER ROAD AT AN INTERIOR ANGLE OF 69° 16' 29" A DISTANCE OF 154.06 FEET TO THE NORTHEAST CORNER OF LANDS CONVEYED TO GEORGE A. CORY AND WIFE TO HAROLD L. COLLINS AND JOAN W. LEWIS BY A DEED RECORDED IN ERIE COUNTY CLERK'S OFFICE IN FIBER 5796 OF DEEDS AT PAGE 465; THENCE WEST AT AN INTERIOR ANGLE OF 89° 46' 39" A DISTANCE OF 200 FEET; THENCE SOUTH MEASURED AT RIGHT ANGLES A DISTANCE OF 300.00 FEET; THENCE WEST MEASURED AT RIGHT ANGLES A DISTANCE OF 440.00 FEET; THENCE SOUTH MEASURED AT RIGHT ANGLES A DISTANCE OF 150.00 FEET; THENCE WEST MEASURED AT RIGHT ANGLES A DISTANCE OF 18.48 FEET; THENCE SOUTH MEASURED AT RIGHT ANGLES A DISTANCE OF 935.9 FEET; THENCE EAST MEASURED AT RIGHT ANGLES A DISTANCE OF 663.15 FEET TO THE CENTER LINE OF SHISLER ROAD; THENCE SOUTH ALONG THE CENTER LINE OF SHISLER ROAD AT AN INTERIOR ANGLE OF 90° 03' 27", A DISTANCE OF 160.00 FEET; THENCE WEST AT AN INTERIOR ANGLE OF 89° 55' 00" A DISTANCE OF 233.00 FEET; THENCE SOUTH AT AN EXTERIOR ANGLE OF 89° 58' 25" A DISTANCE OF 375 FEET; THENCE WEST AT AN INTERIOR ANGLE OF 90° 17' 10", A DISTANCE OF 430.15 FEET; THENCE SOUTH AT AN EXTERIOR ANGLE OF 90° 17' 12" A DISTANCE OF 778.74 FEET TO THE SOUTH LINE OF LOT NO. 2; THENCE WEST ALONG THE SOUTH LINE OF LOT NO. 2, AT AN INTERIOR ANGLE OF 89° 35' 06" A DISTANCE OF 673.20 FEET TO THE POINT OF BEGINNING.

TAX I.D. NUMBER: 72.00-2-16

BEING THE SAME PROPERTY CONVEYED TO SHISLER ROAD ASSOCIATES LLC, A NEW YORK LIMITED LIABILITY COMPANY, GRANTEE, FROM GREATBATCH LTD., A NEW YORK CORPORATION, GRANTOR, BY DEED RECORDED 07/13/2018, AS BOOK 11331, PAGE 7761 OF THE COUNTY RECORDS.

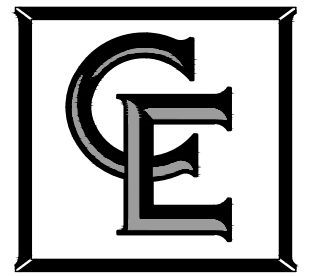
TITLE REVIEW

PER OLD REPUBLIC NATIONAL TITLE INSURANCE COMPANY, COMMITMENT 01-23050562-01T, HAVING AN EFFECTIVE OF DATE NOVEMBER 30, 2023, SURVEY PERTINENT DETERMINATIONS ARE:

7. RIGHT OF WAY IN FAVOR OF NATIONAL FUEL GAS N.Y., RECORDED 10/14/1981 IN BOOK 9071, PAGE 435 OF ERIE COUNTY RECORDS.
 -EASEMENT IS DESCRIBED AS BEING WITHIN 15 FEET OF THE NORTHERLY BOUNDARY LINE OF WEHRLER DRIVE AND THEREFORE DOES NOT AFFECT THE PARENT PARCEL
8. EASEMENT IN FAVOR OF NEW YORK TELEPHONE COMPANY, RECORDED 02/18/1982, AS BOOK 9102, PAGE 347 OF THE ERIE COUNTY RECORDS.
 -EASEMENT IS FOR A PAD MOUNTED TERMINAL WITH ASSOCIATED CABLE AND CABINET. THE PAD AND CABINET ARE SHOWN ON MAP AND THE EASEMENT DOES NOT AFFECT THE PROPOSED ACCESS AND UTILITIES EASEMENT OR PROPOSED LEASE PARCEL.
9. MEMORANDUM OF OPTION, BY AND BETWEEN GREATBATCH LTD. FKA WILSON GREATBATCH LTD., AND SHISLER ROAD ASSOCIATES LLC, RECORDED 07/13/2018, IN BOOK 11331, PAGE 7765 OF THE ERIE COUNTY RECORDS.
 -DOCUMENT IS FOR THE OPTION FOR SHISLER ROAD ASSOCIATES LLC TO PURCHASE THE PARCEL WEST OF THE PARENT PARCEL. THIS DOCUMENT EXPIRED ON JULY 12, 2023. THIS DOES NOT AFFECT THE PARENT PARCEL.



11101 ANDERSON DRIVE, SUITE 200
 LITTLE ROCK, AR 72212



- CIVIL ENGINEERING
- LAND SURVEYING
- LANDSCAPE ARCHITECTURE

217 LAKE AVENUE
 ROCHESTER, NY 14608
 (585) 458-3020

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PROJECT MANAGER

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SITE INFORMATION

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TOWN OF CLARENCE
 COUNTY OF ERIE
 STATE OF NEW YORK

SHEET TITLE

SURVEY NOTES AND DESCRIPTIONS

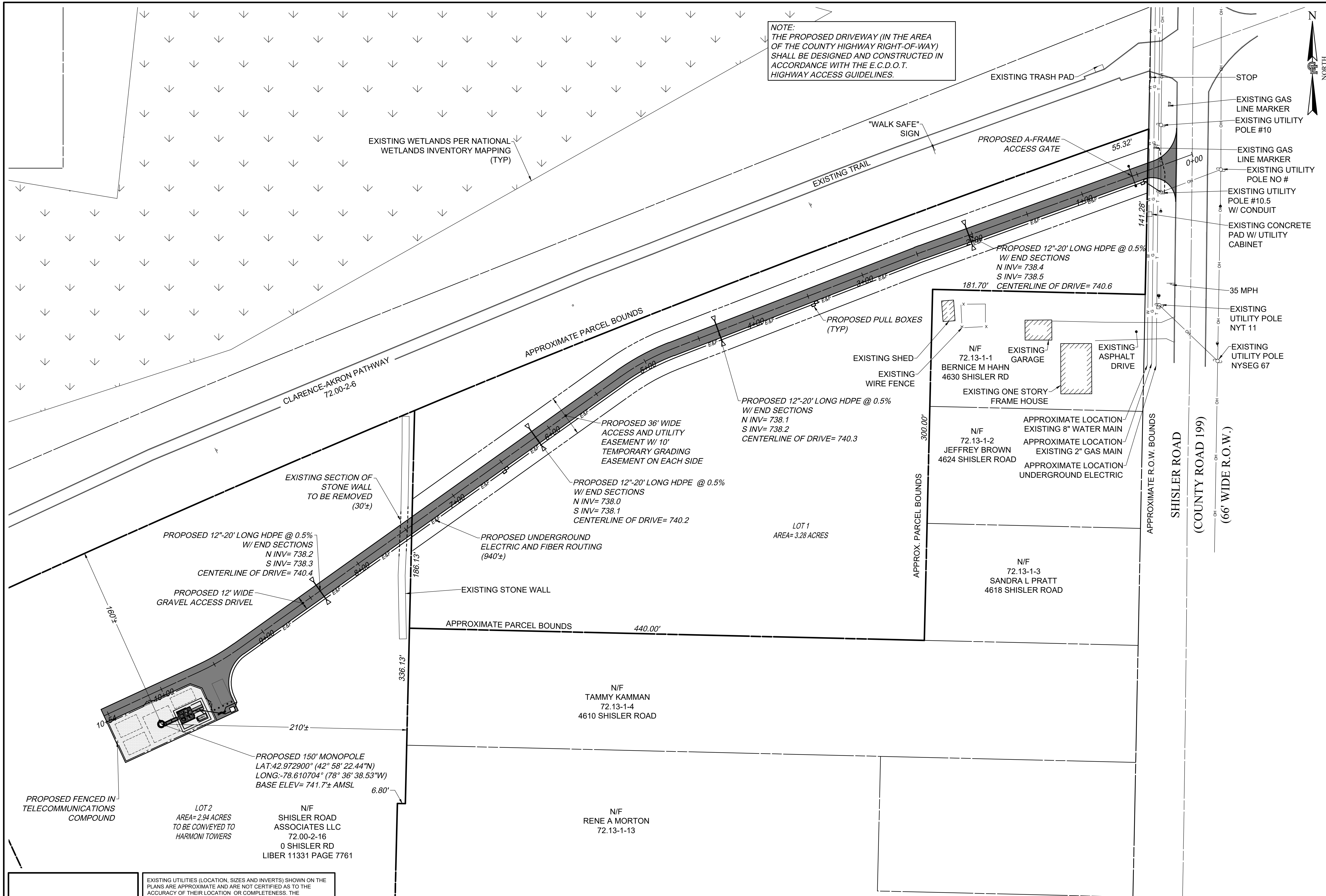
C.E. JOB NUMBER

8776

SHEET NUMBER

VA110

SHEET 05 OF 13



NOTE:
THE PROPOSED DRIVEWAY (IN THE AREA OF THE COUNTY HIGHWAY RIGHT-OF-WAY) SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH THE E.C.D.O.T. HIGHWAY ACCESS GUIDELINES.

HARMONITOWERS
11101 ANDERSON DRIVE, SUITE 200
LITTLE ROCK, AR 72212



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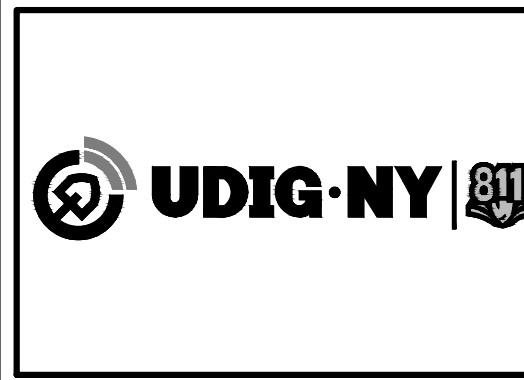
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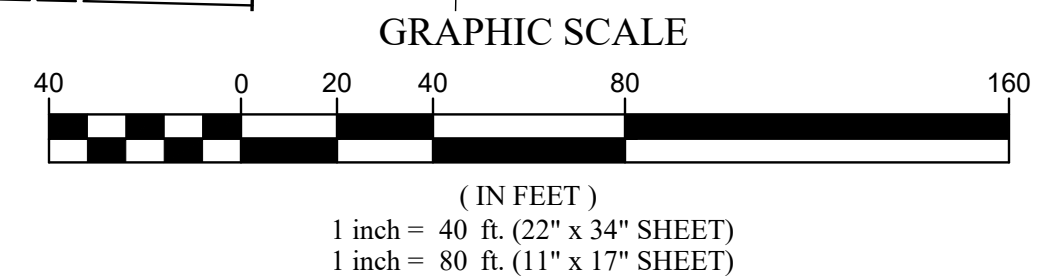
SHEET TITLE
OVERALL SITE PLAN

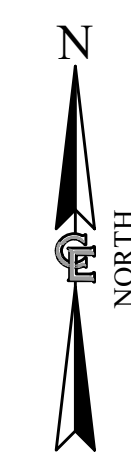
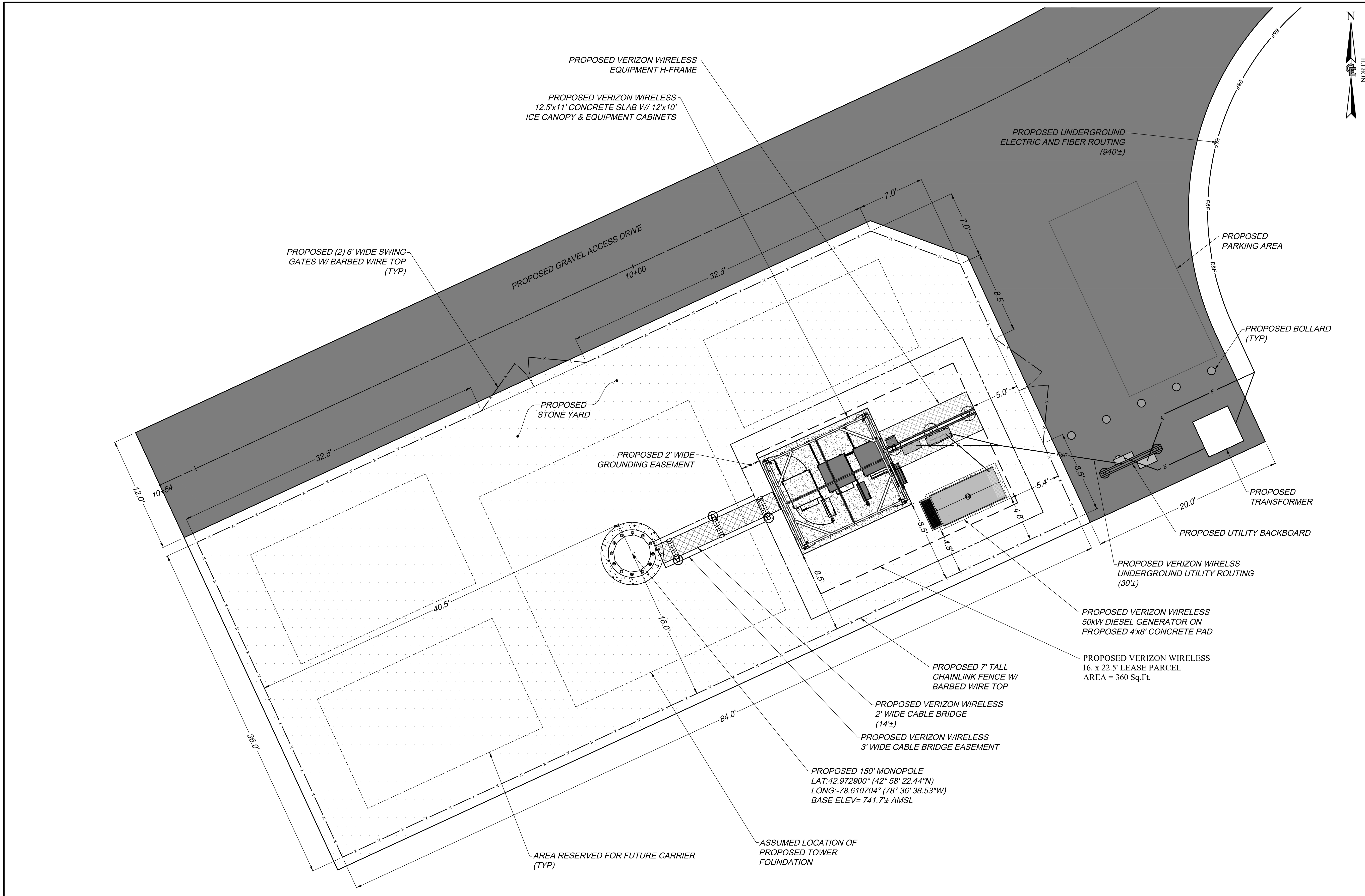
C.E. JOB NUMBER 8776	SHEET NUMBER CA100
SHEET 06 OF 13	



EXISTING UTILITIES (LOCATION, SIZES AND INVERTS) SHOWN ON THE PLANS ARE APPROXIMATE AND ARE NOT CERTIFIED AS TO THE ACCURACY OF THEIR LOCATION OR COMPLETENESS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATIONS AND DEPTHS OF ALL UTILITIES AND STRUCTURES IN THE PATH OF, OR CLOSELY PARALLEL TO, OR UNDER, THE PROPOSED CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DELAYS OR DAMAGES OCCURRING AS A RESULT OF INCORRECTLY LOCATED UTILITIES. IT IS THE CONTRACTORS RESPONSIBILITY TO NOTIFY THE VARIOUS UTILITY OWNERS IN AMPLE TIME FOR THEM TO LOCATE AND MARK THEIR FACILITIES. THE CONTRACTOR SHALL ALSO NOTIFY UNDERGROUND UTILITY LOCATION SERVICE AT LEAST 48 HOURS IN ADVANCE OF COMMENCING ANY WORK.

OVERALL SITE PLAN
SCALE: 1" = 40' (22" x 34" SHEET)
1" = 80' (11" x 17" SHEET)





HARMONITOWERS
11101 ANDERSON DRIVE, SUITE 200
LITTLE ROCK, AR 72212



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TOWN OF CLARENCE
COUNTY OF ERIE
STATE OF NEW YORK

SHEET TITLE
COMPOUND PLAN

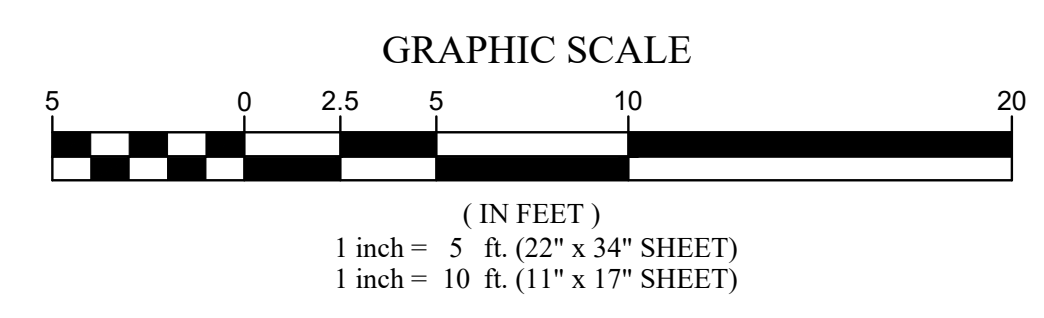
C.E. JOB NUMBER
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SHEET NUMBER
CA110
SHEET 07 OF 13

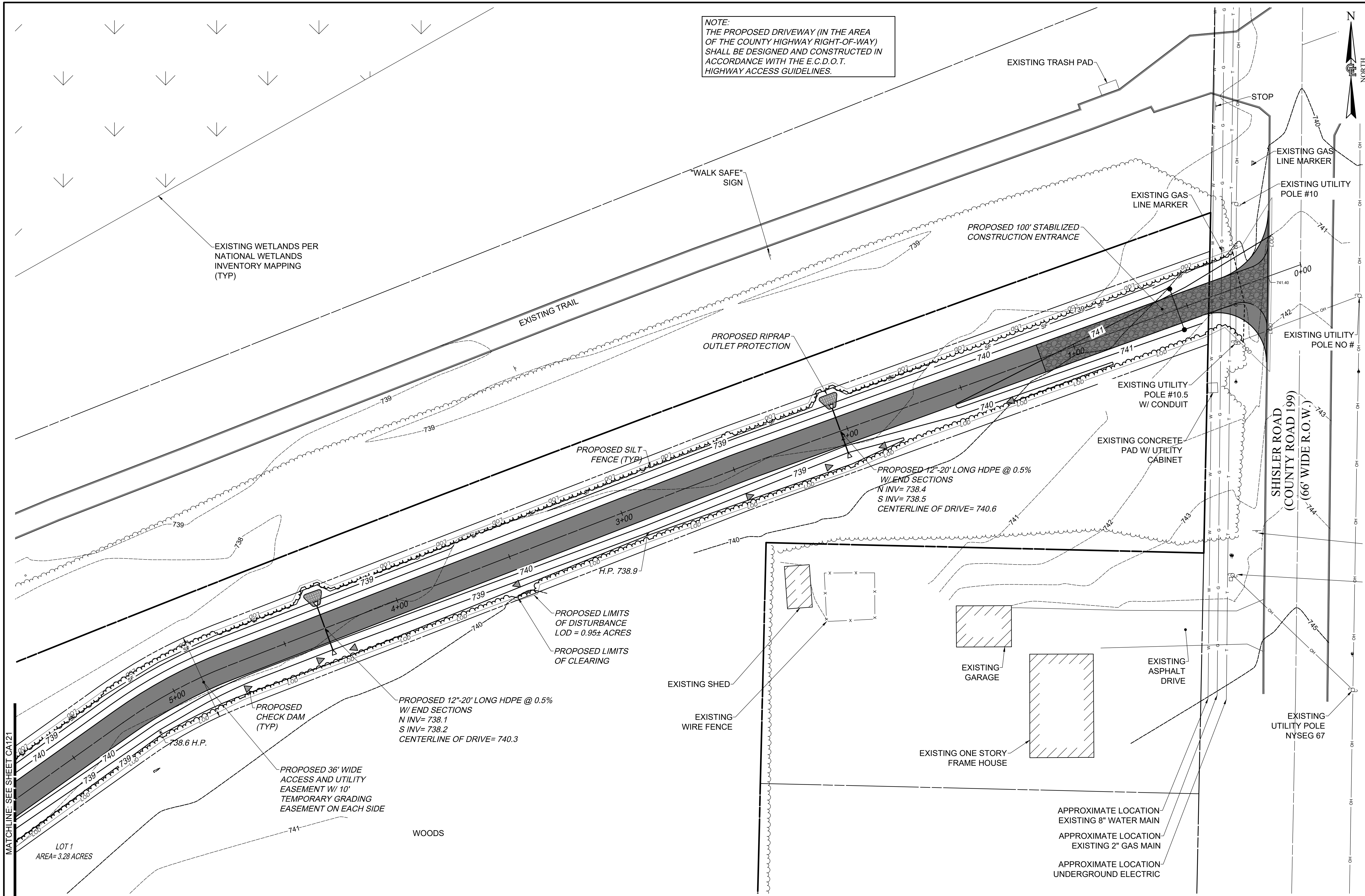
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COMPOUND PLAN
SCALE: 1" = 5' (22 x 34 SHEET)
1" = 10' (11 x 17 SHEET)



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11101 ANDERSON DRIVE, SUITE 200
LITTLE ROCK, AR 72212

verizon

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TOWN OF CLARENCE
COUNTY OF ERIE
STATE OF NEW YORK

GRADING AND EROSION CONTROL PLAN

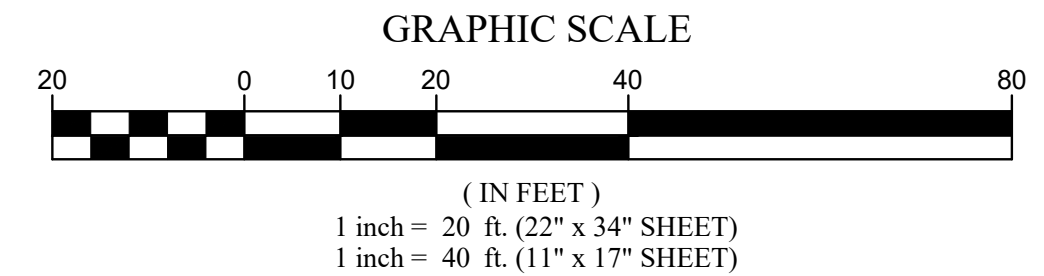
C.E. JOB NUMBER
8776

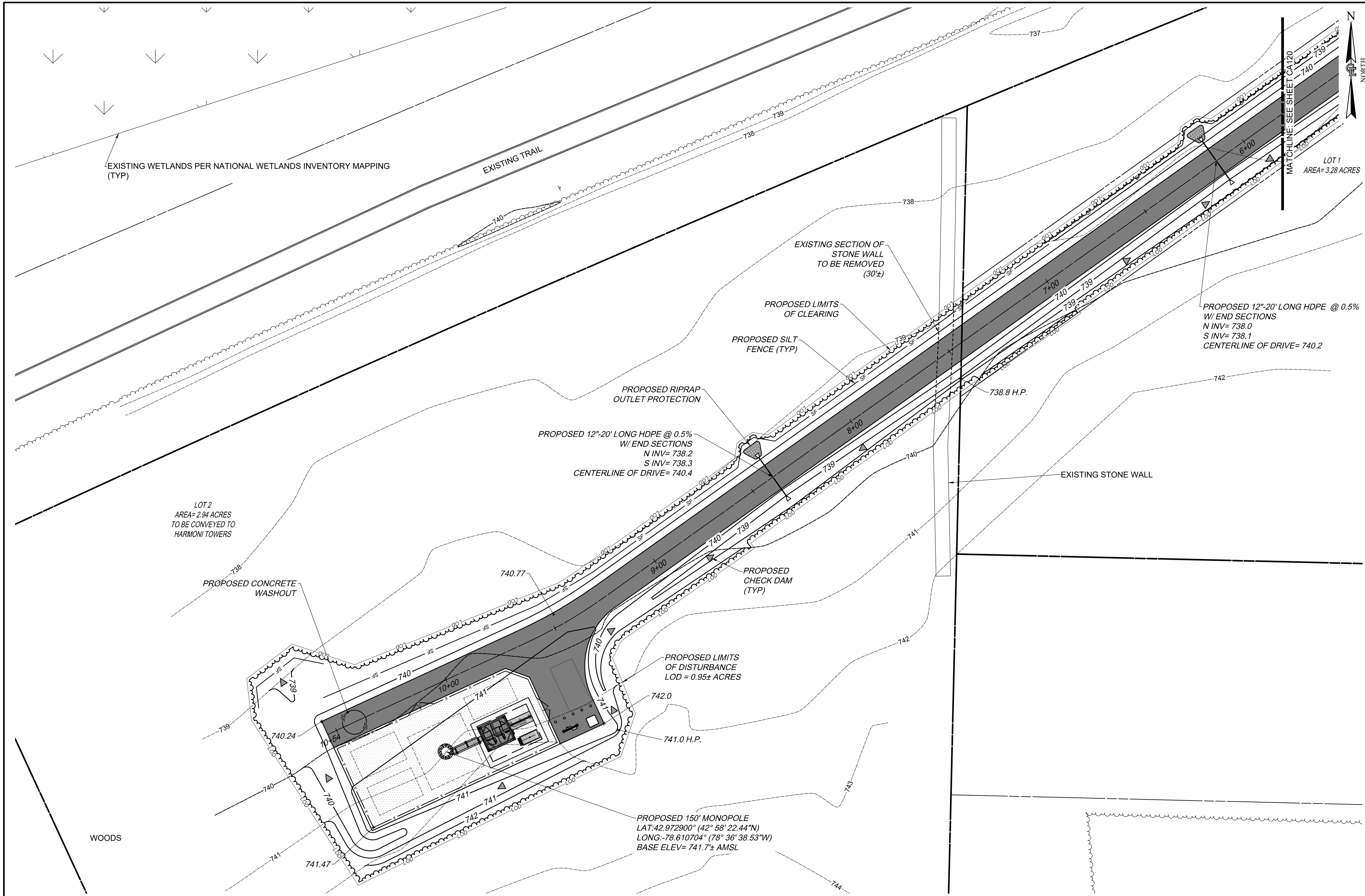
SHEET NUMBER
CA120
SHEET 08 OF 13

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GRADING AND EROSION CONTROL PLAN
SCALE: 1" = 20' (22" x 34" SHEET)
1" = 40' (11" x 17" SHEET)





HARMONITOWERS
 11101 ANDERSON DRIVE, SUITE 200
 LITTLE ROCK, AR 72212

verizon

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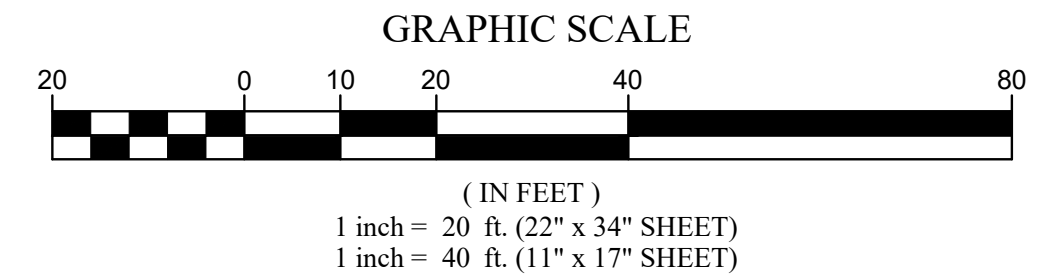
GRADING AND EROSION CONTROL PLAN

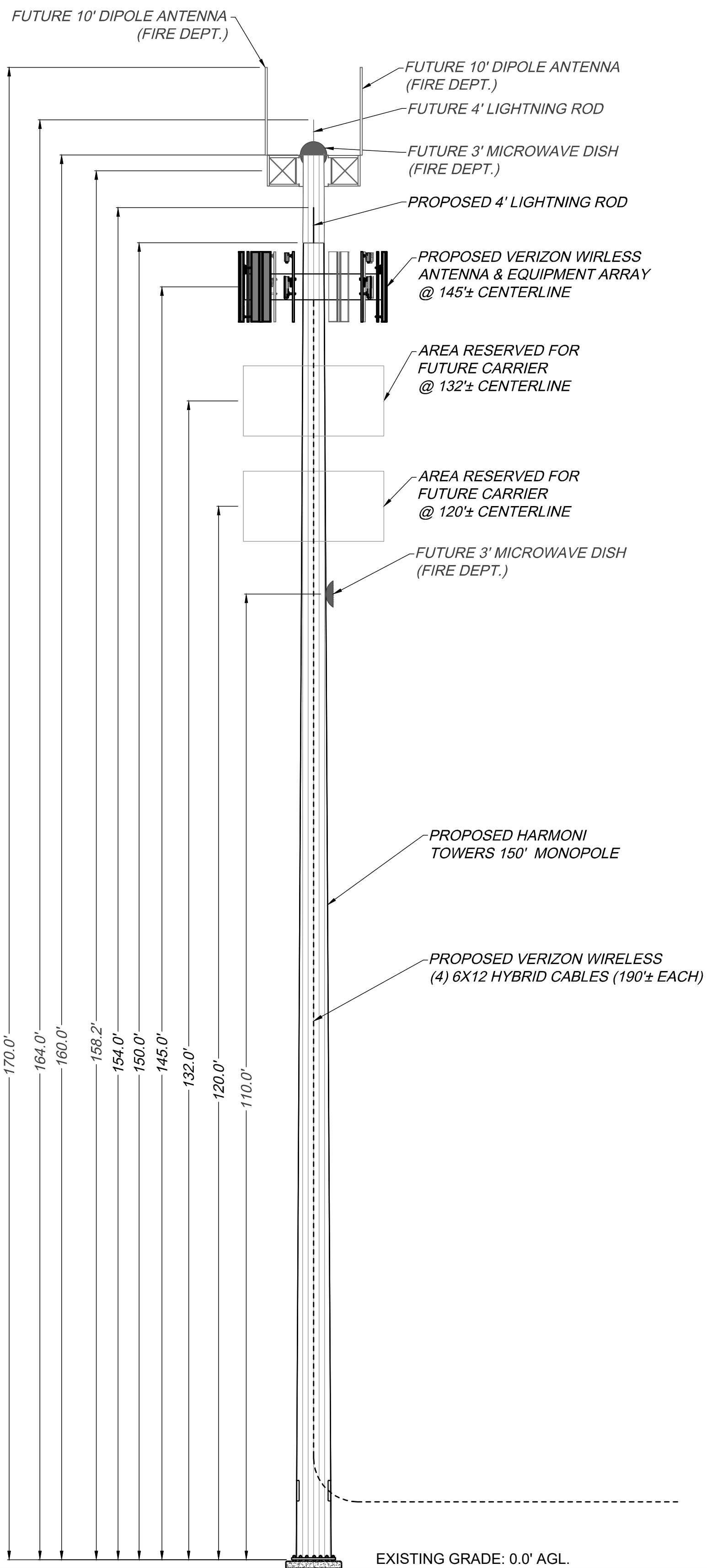
C.E. JOB NUMBER: **8776**
 SHEET NUMBER: **CA121**
 SHEET 09 OF 13

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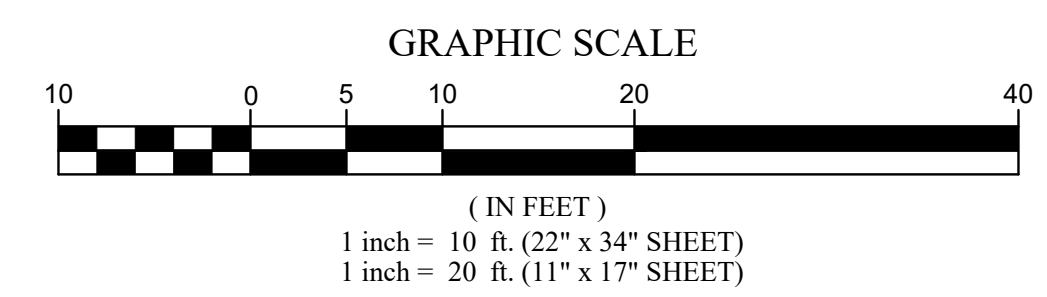


GRADING AND EROSION CONTROL PLAN
 SCALE: 1" = 20' (22 x 34 SHEET)
 1" = 40' (11 x 17 SHEET)



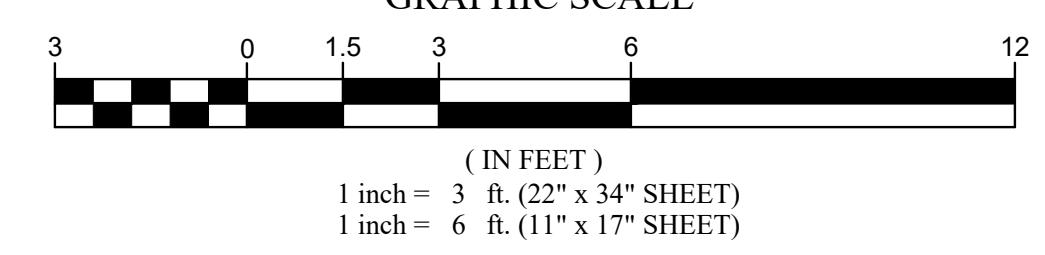
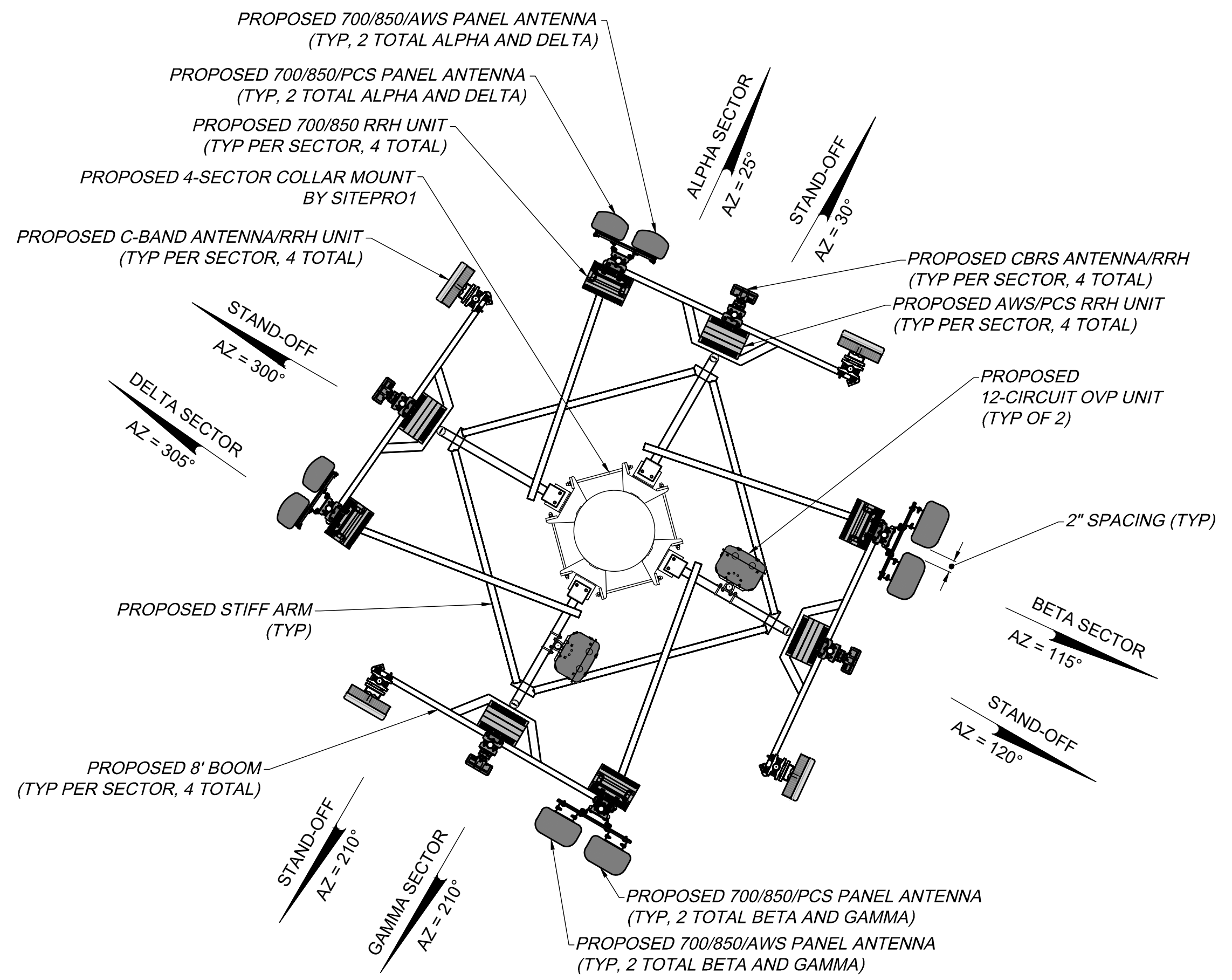
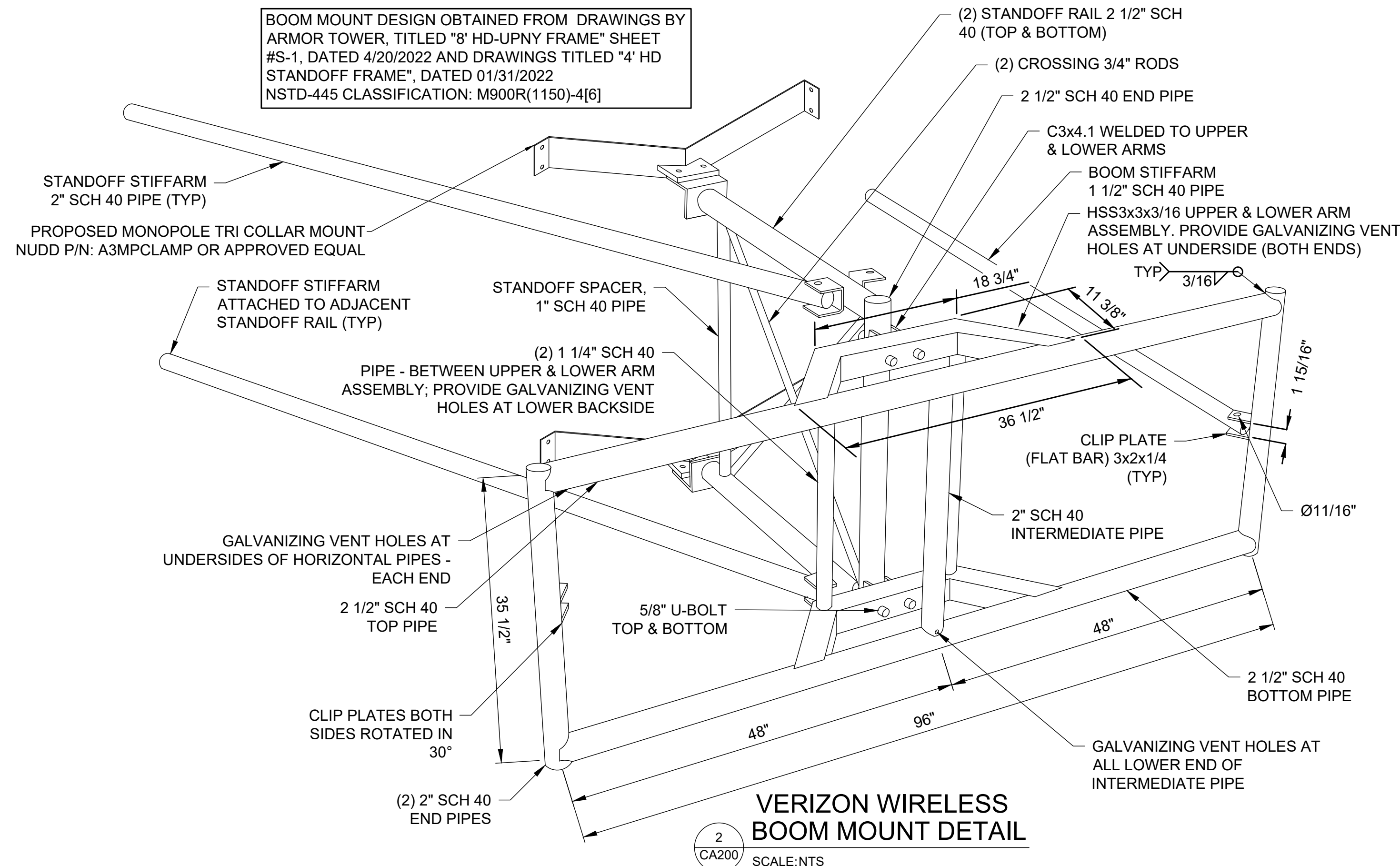


- NOTES:**
1. THE TOWER IS TO BE CONSTRUCTED WITH GALVANIZED STEEL. THE TOWER SHALL BE DESIGNED AND CONSTRUCTED TO BE EXPANDABLE TO 160' AND TO ACCOMMODATE A TOTAL OF FOUR WIRELESS CARRIERS AND POSSIBLE FUTURE F.D. ANTENNAS ON THE 10' FUTURE TOWER EXTENSION.
 2. NO FAA OBSTRUCTION LIGHTING PROPOSED ON THE TOWER UNLESS IT IS REQUIRED BY THE FAA OR THE LOCAL MUNICIPALITY.
 3. ALL REFERENCES TO THE TOWER AND ITS FOUNDATION ARE TO BE DIRECTED TO THE DESIGN AND DETAIL DRAWINGS BY THE TOWER SUPPLIER.
 4. THERE SHALL HAVE NO PERMANENT CLIMBING PEGS WITHIN 15' OF THE GROUND OF ANY TOWER.
 5. PROPOSED ANTENNAS SHALL BE INSTALLED IN ACCORDANCE WITH THE SITE SPECIFIC RF ANTENNA DESIGN SHEET SUPPLIED BY THE RF SYSTEMS ENGINEER.



1 TOWER ELEVATION
SCALE: 1" = 10' (22" x 34" SHEET)
1" = 20' (11" x 17" SHEET)

BOOM MOUNT DESIGN OBTAINED FROM DRAWINGS BY ARMOR TOWER, TITLED "8' HD-UPNY FRAME" SHEET #S-1, DATED 4/20/2022 AND DRAWINGS TITLED "4' HD STANDOFF FRAME", DATED 01/31/2022
NSTD-445 CLASSIFICATION: M900R(1150)-4[6]



3 VERIZON WIRELESS ANTENNA ORIENTATION
SCALE: 1" = 3' (22" x 34" SHEET)
1" = 6' (11" x 17" SHEET)

HARMONITOWERS
11101 ANDERSON DRIVE, SUITE 200
LITTLE ROCK, AR 72212



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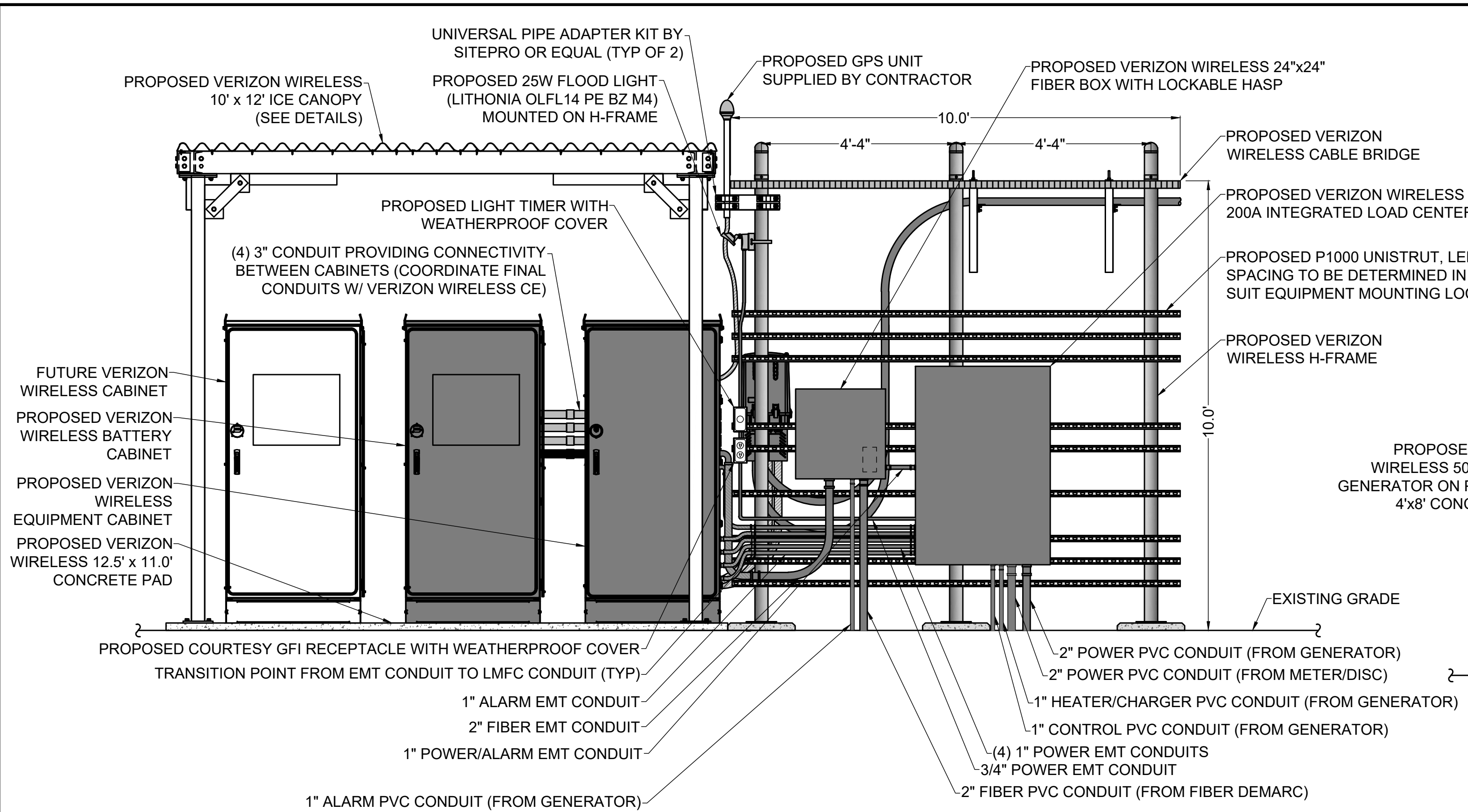
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CLARENCE SITE# NY0005156

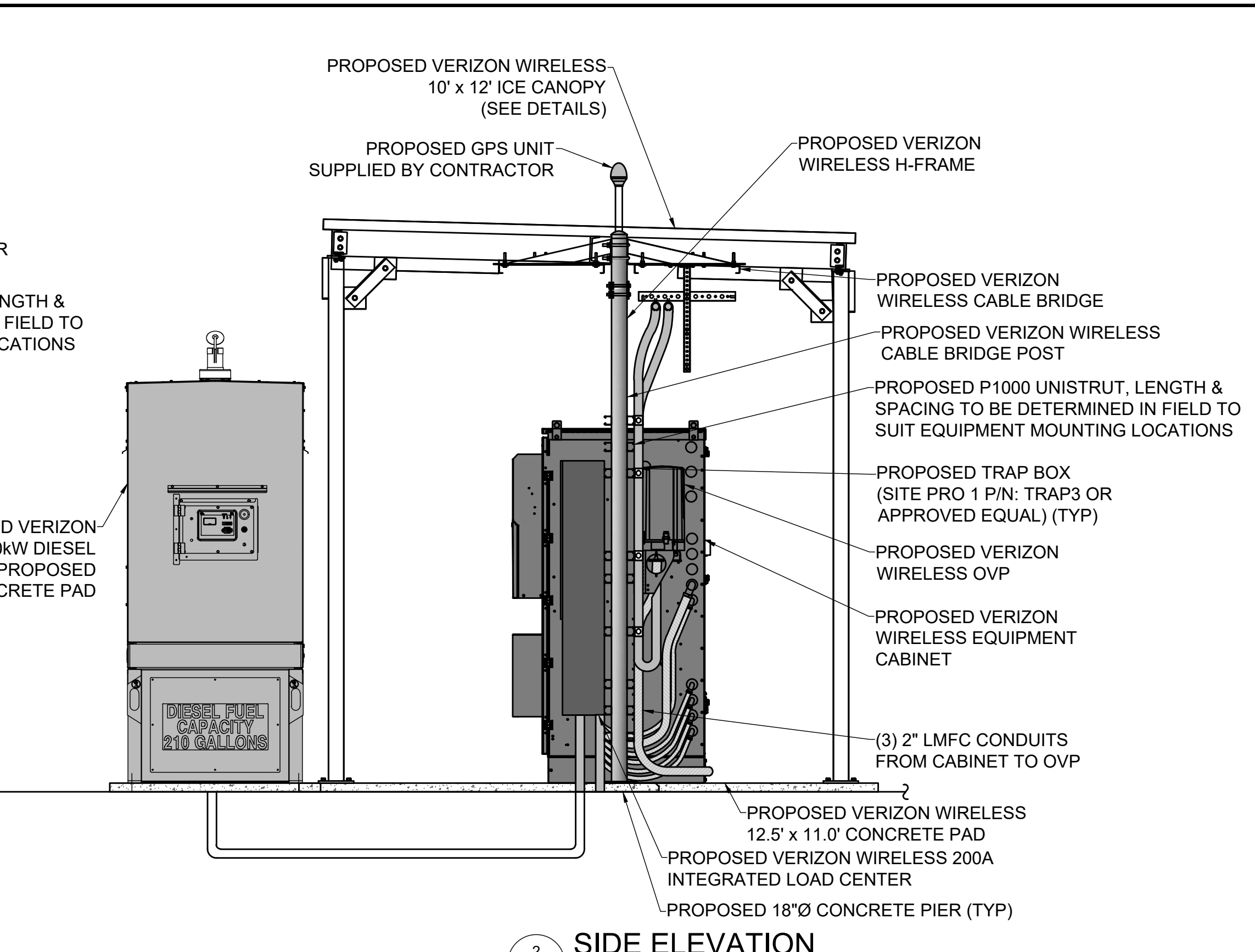
TOWN OF CLARENCE
COUNTY OF ERIE
STATE OF NEW YORK

SHEET TITLE
ELEVATION, ORIENTATION PLAN & RF INFO

C.E. JOB NUMBER
8776
SHEET NUMBER
CA200
SHEET 10 OF 13

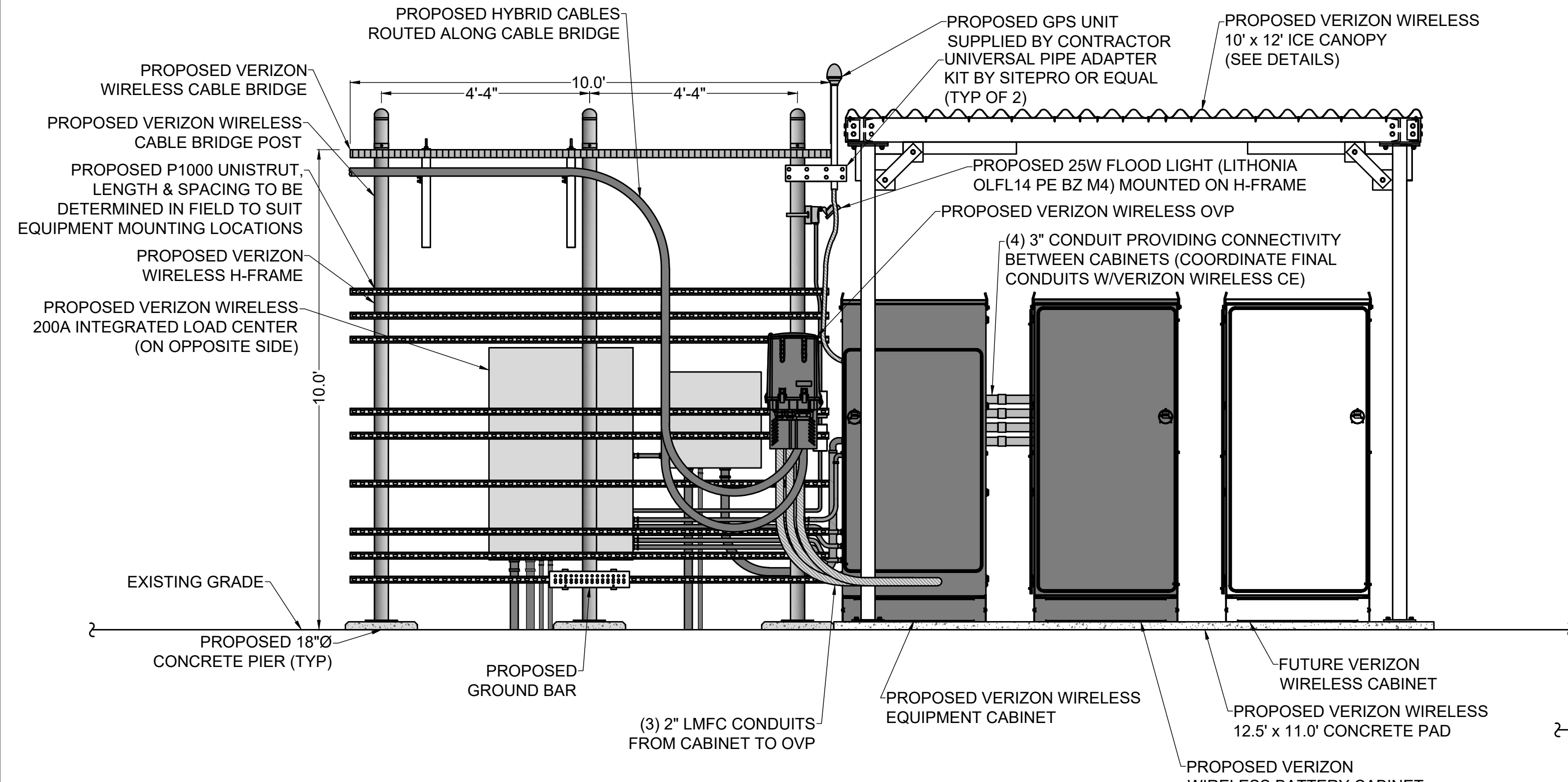


1 FRONT ELEVATION
 CA500 SCALE: 1" = 2' (22 x 34 SIZE)
 1" = 4' (11 x 17 SIZE)

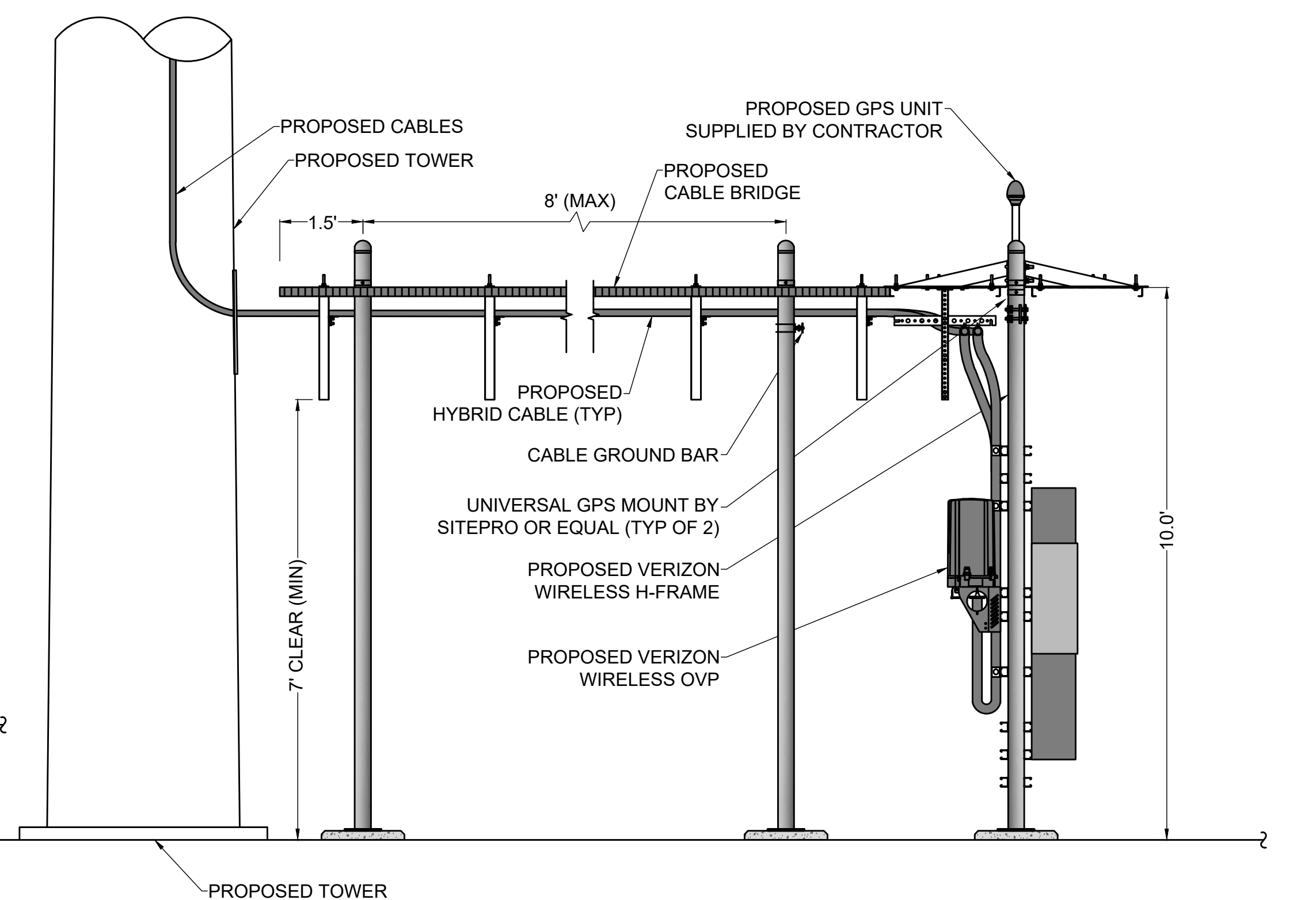


2 SIDE ELEVATION
 CA500 SCALE: 1" = 2' (22 x 34 SIZE)
 1" = 4' (11 x 17 SIZE)

- NOTES:**
1. GENERAL CONTRACTOR AND VERIZON WIRELESS SETUP VENDOR TO INSTALL PULL STRINGS IN ALL EQUIPMENT CONDUITS AS APPLICABLE (OVP, ALARM, POWER, FIBER, AND GENERATOR)
 2. VERIZON WIRELESS SETUP VENDOR TO ADD PLYWOOD BACKING BOARD INSIDE HOFFMAN BOX.
 3. VERIZON WIRELESS SETUP VENDOR TO PROVIDE AND INSTALL CAT6 ETHERNET CABLING FOR ALL ALARM POINTS REQUIRED BY VERIZON WIRELESS STANDARDS.
 4. ALL CIVIL SITE WORK (CONDUITS, GROUNDING, CONCRETE) TO BE PERFORMED BY VERIZON WIRELESS GENERAL CONTRACTOR. ALL OTHER WORK TO BE DONE BY OTHERS.



3 REAR ELEVATION
 CA500 SCALE: 1" = 2' (22 x 34 SIZE)
 1" = 4' (11 x 17 SIZE)



4 EQUIPMENT ELEVATION
 CA500 SCALE: 1" = 2' (22 x 34 SIZE)
 1" = 4' (11 x 17 SIZE)

HARMONITOWERS
 11101 ANDERSON DRIVE, SUITE 200
 LITTLE ROCK, AR 72212

verizon

COSTICH ENGINEERING
 • CIVIL ENGINEERING
 • LAND SURVEYING
 • LANDSCAPE ARCHITECTURE
 217 LAKE AVENUE
 ROCHESTER, NY 14608
 (585) 458-3020

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4	01/28/2025	AJK REVISED TOWER HEIGHT AND ANCHOR TENANT
5	02/18/2025	AJK REVISED TOWER ELEVATION

PROJECT MANAGER
D.A.W.

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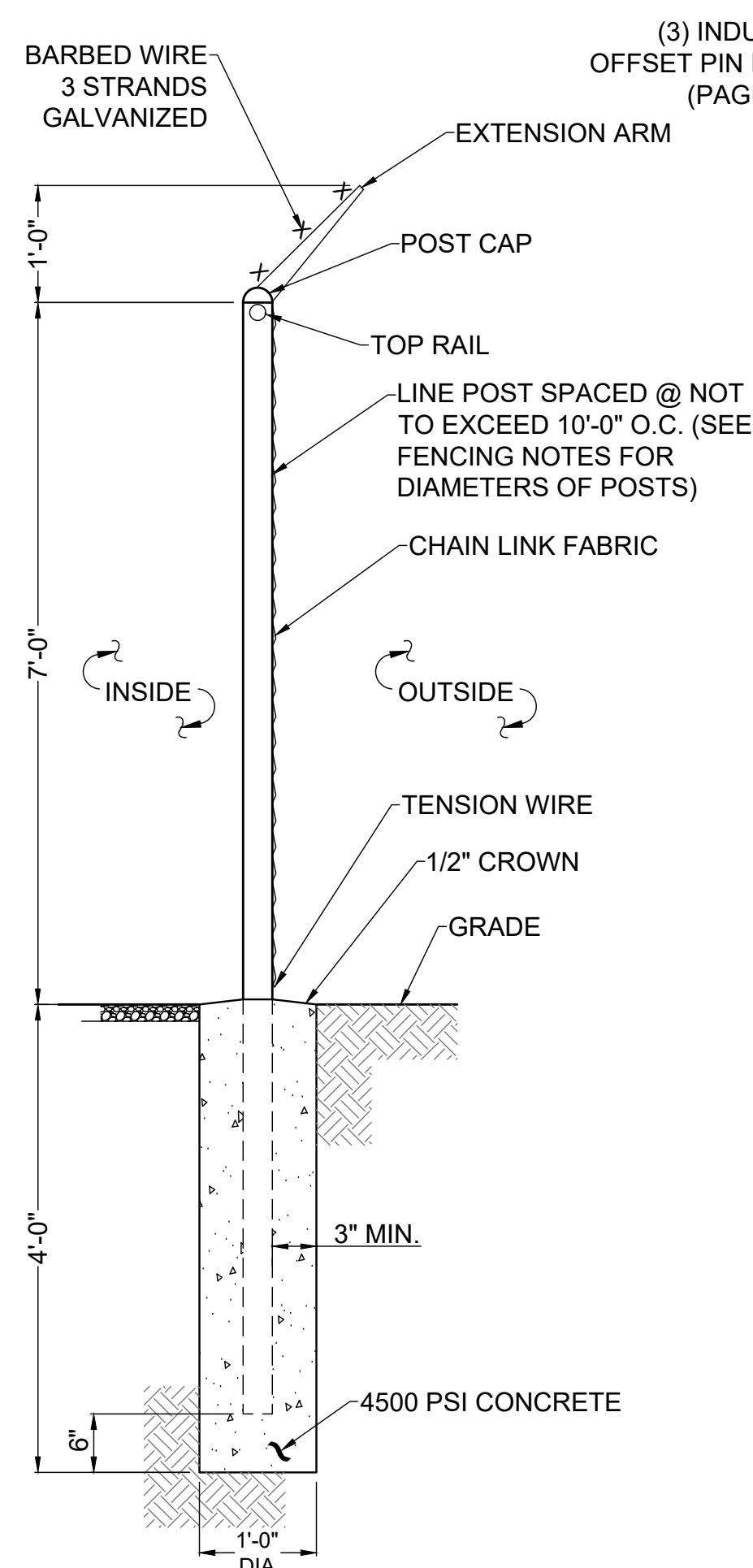
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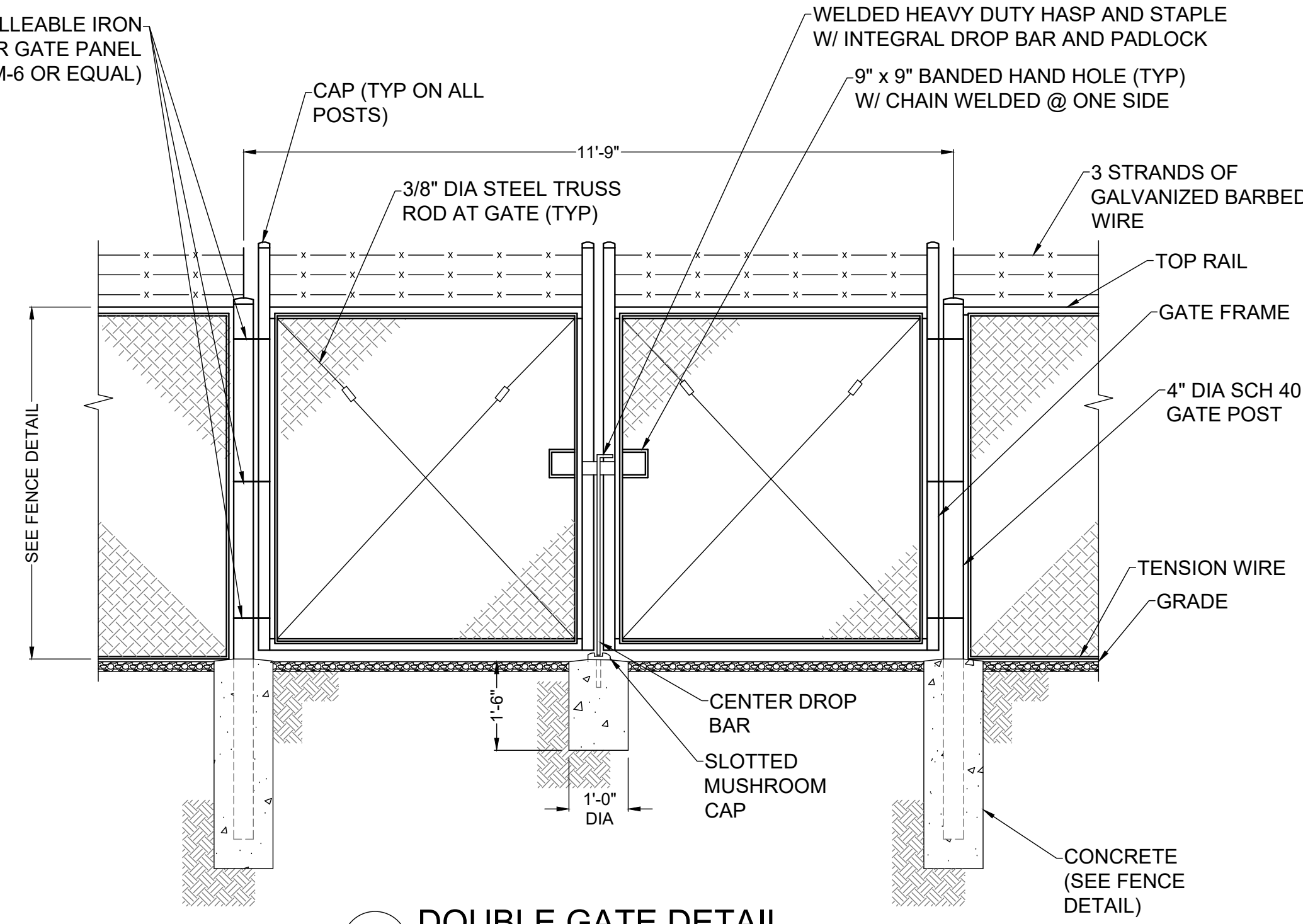
TOWN OF CLARENCE
 COUNTY OF ERIE
 STATE OF NEW YORK

SHEET TITLE
EQUIPMENT ELEVATIONS

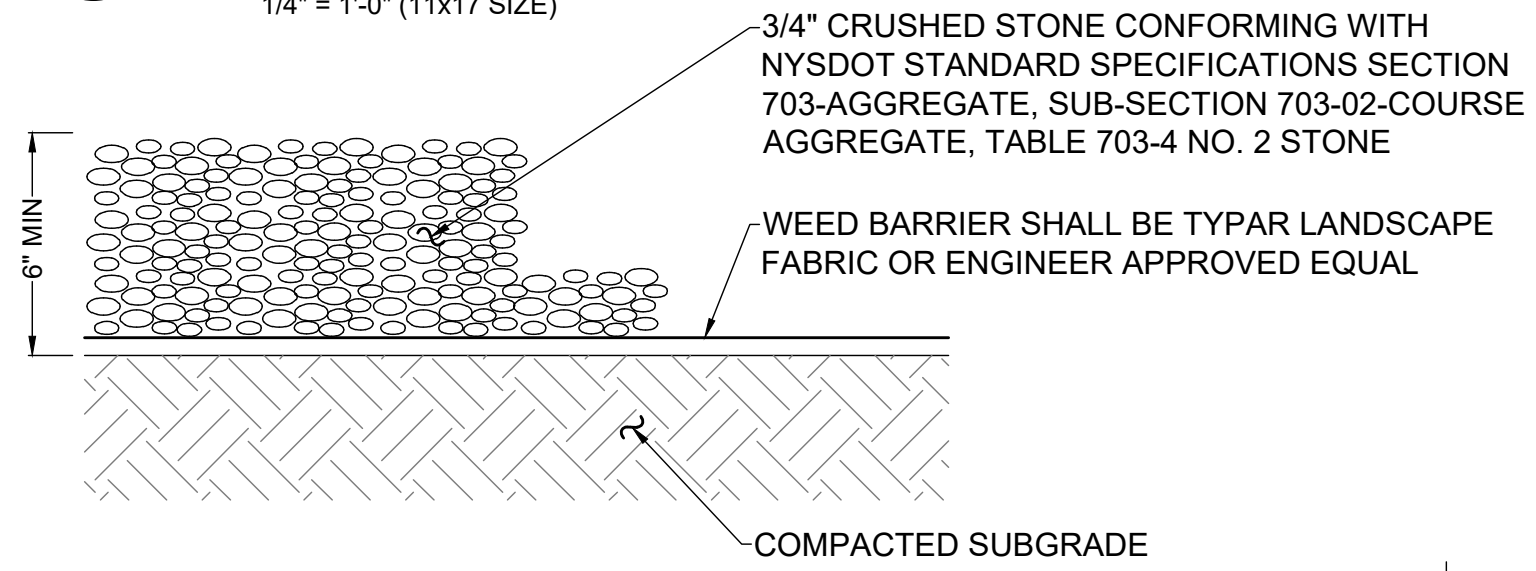
C.E. JOB NUMBER 8776	SHEET NUMBER CA500
SHEET 11 OF 13	



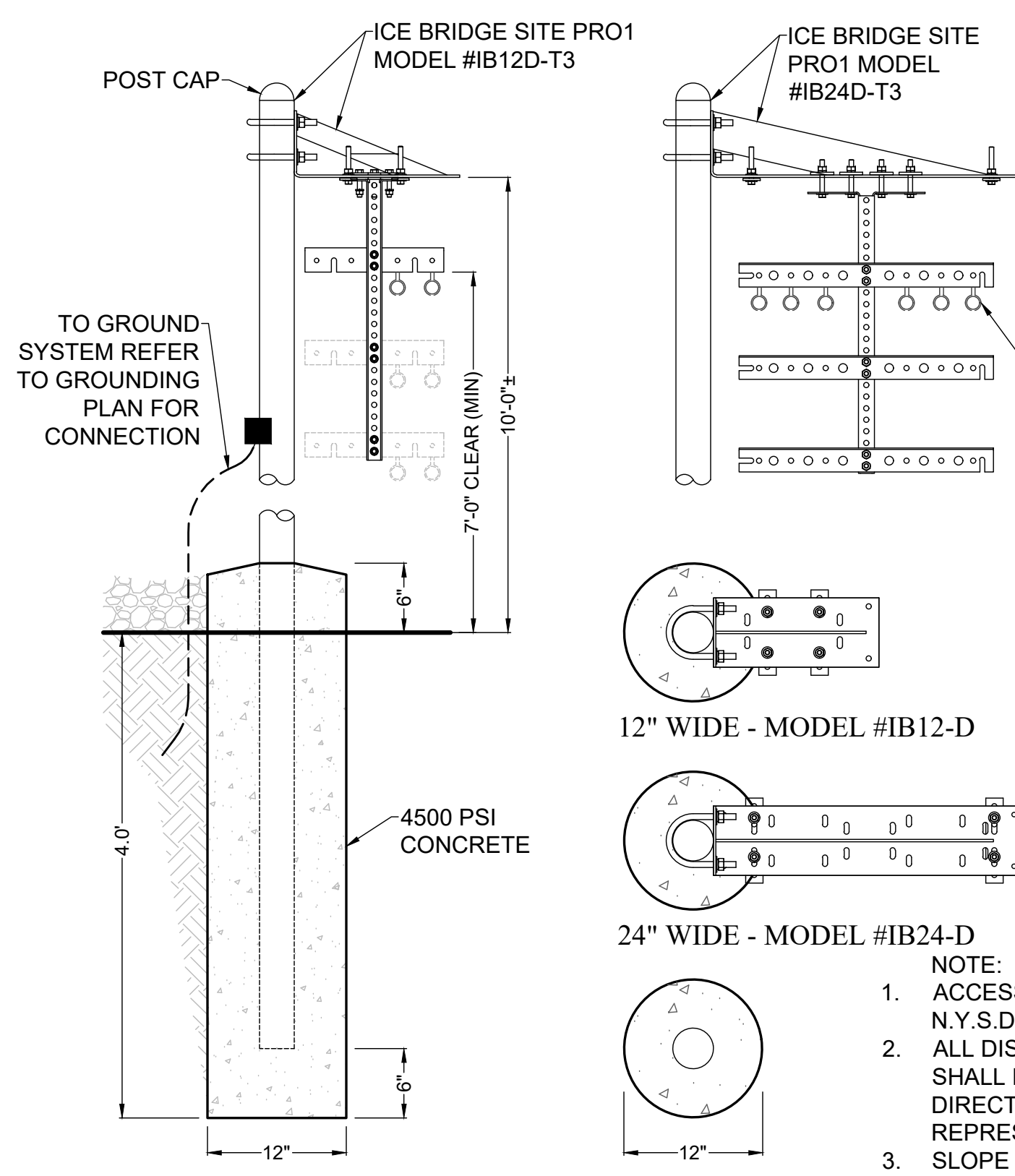
1 FENCE DETAIL
SCALE: NTS



2 DOUBLE GATE DETAIL
SCALE: 1/2" = 1'-0" (22x34 SIZE)
1/4" = 1'-0" (11x17 SIZE)

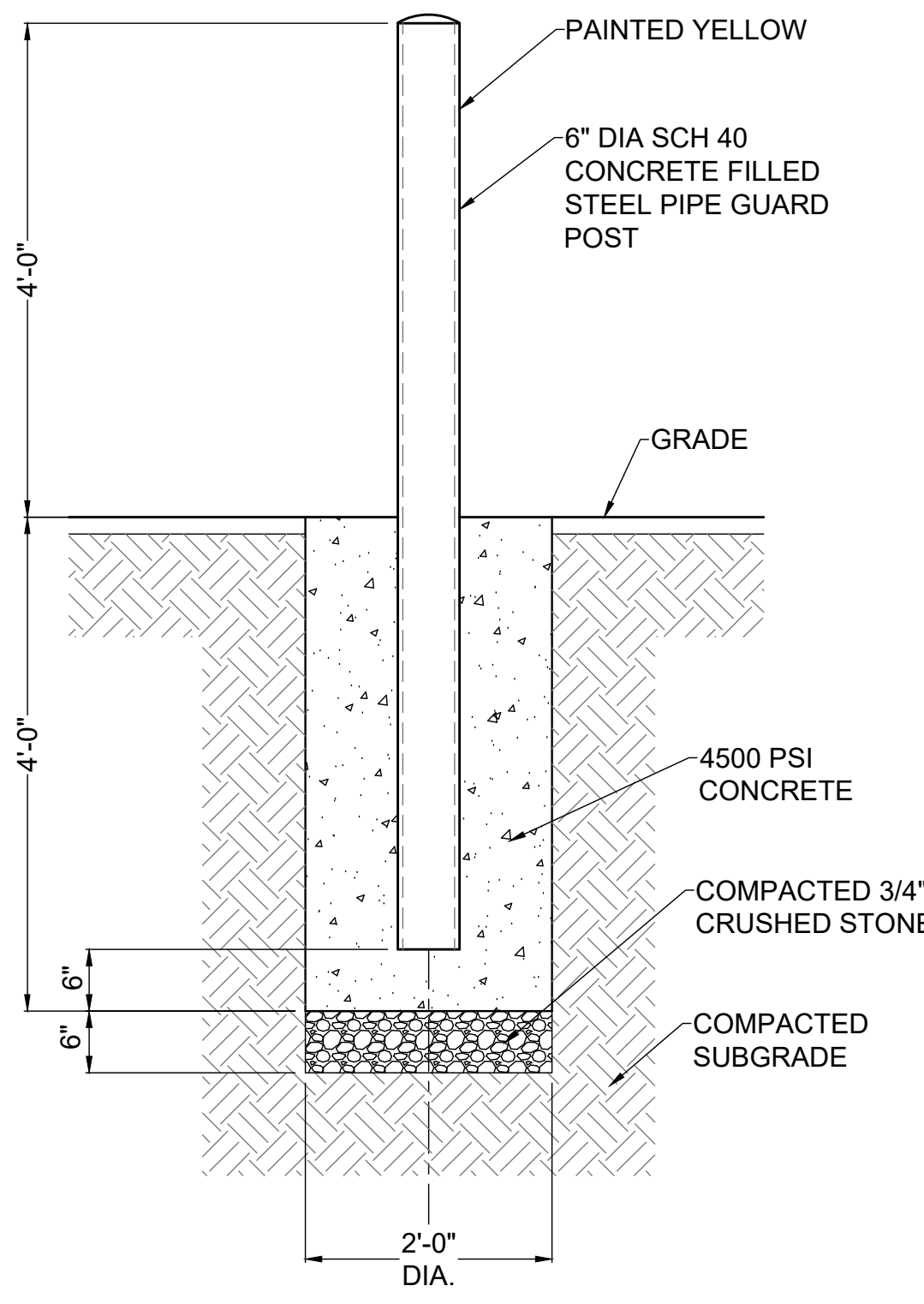


4 GRAVEL SURFACING TREATMENT
SCALE: NTS

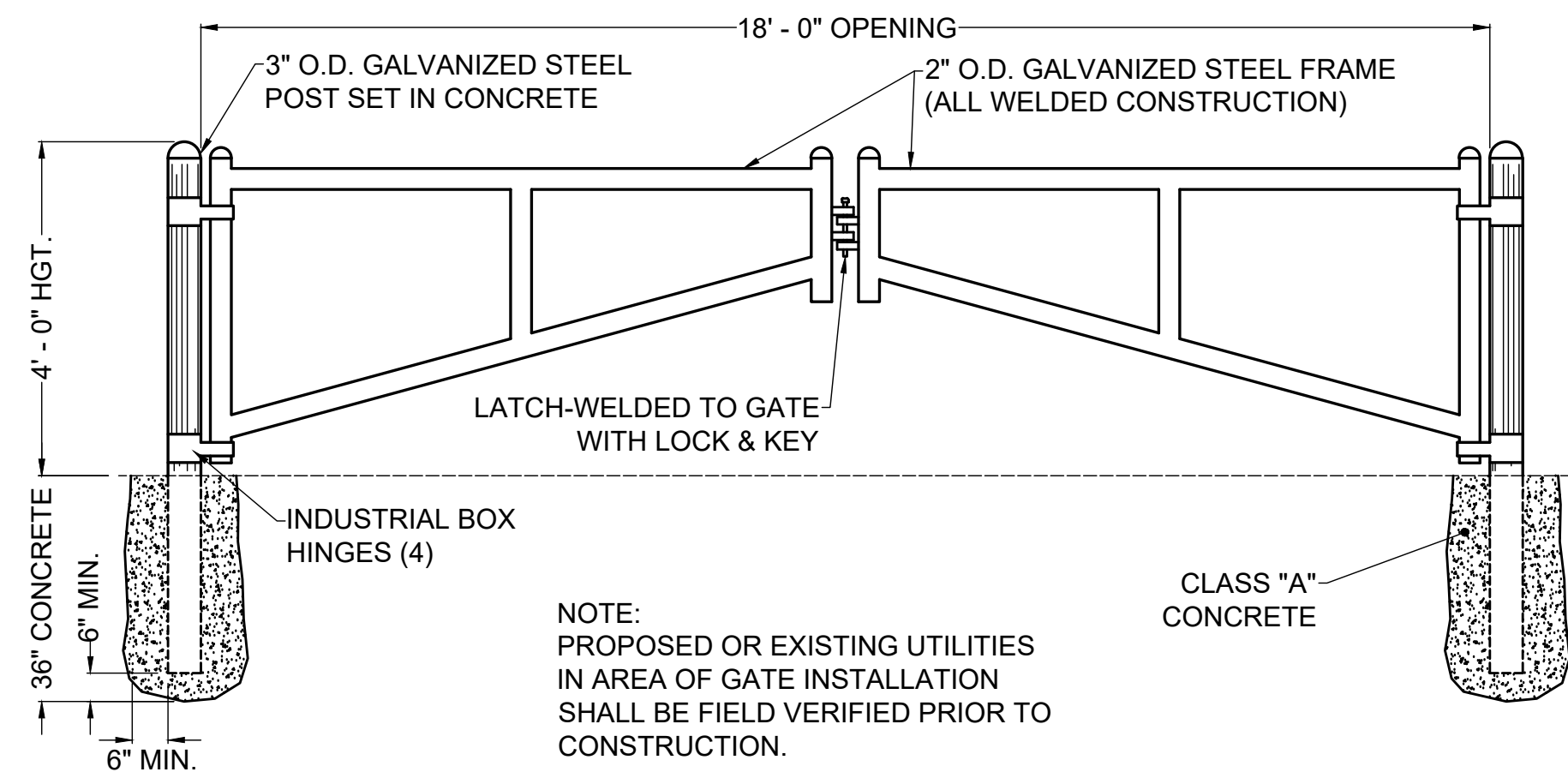


3 CABLE BRIDGE / H-FRAME DETAIL
SCALE: NTS

- NOTE:
- ACCESS DRIVE STONE TO BE ACQUIRED FROM N.Y.S.D.O.T. APPROVED QUARRY.
 - ALL DISTURBED AREAS NOT RECEIVING STONE SHALL RECEIVE 4" OF TOPSOIL AND BE SEEDDED AS DIRECTED BY CELLULAR NETWORK REPRESENTATIVE.
 - SLOPE STABILIZATION TECHNIQUES SUCH AS SURFACE ROUGHENING (SEE NEW YORK GUIDELINES FOR URBAN EROSION AND SEDIMENT CONTROL) SHALL BE UTILIZED ON ALL SLOPES GREATER THAN 3:1.

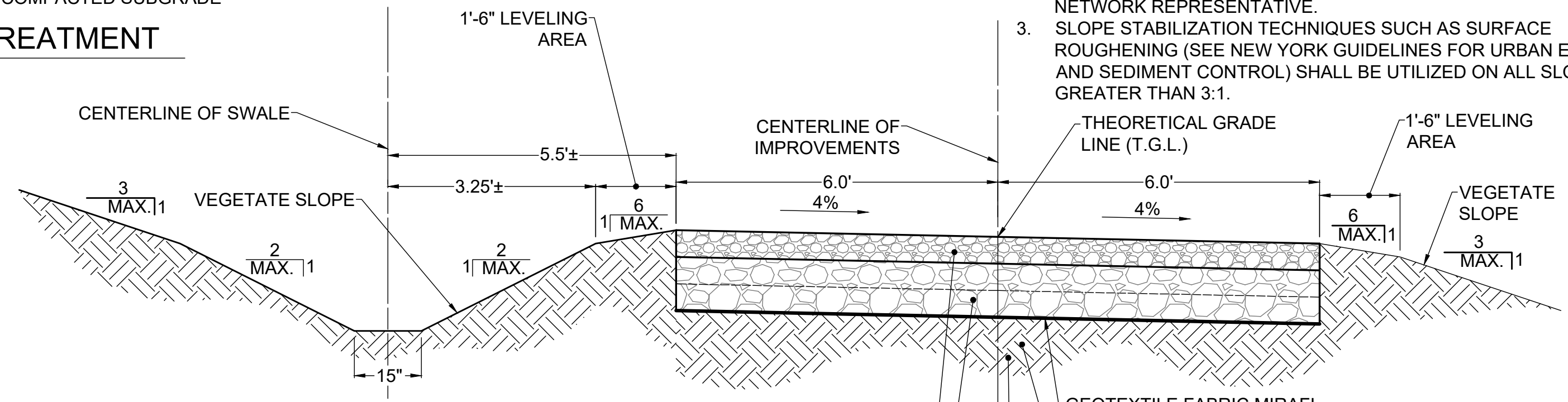


5 BOLLARD DETAIL
SCALE: 3/4" = 1'-0" (22x34 SIZE)
3/8" = 1'-0" (11x17 SIZE)



NOTE:
PROPOSED OR EXISTING UTILITIES IN AREA OF GATE INSTALLATION SHALL BE FIELD VERIFIED PRIOR TO CONSTRUCTION.

6 A-FRAME GATE
SCALE: NTS



- EARTH WORK SUBGRADE COMPACTION & SELECT GRANULAR FILL**
- CONTRACTOR SHALL BE RESPONSIBLE FOR CLEARING & GRUBBING THE CONSTRUCTION SITE AND ROADWAY AREAS. THE CONTRACTOR SHALL COMPLY WITH THE RECOMMENDATIONS CONTAINED WITHIN THE GEOTECHNICAL REPORT, AS PREPARED FOR THIS SITE, WHEN NECESSARY, FOR SITE WORK PREPARATION, & FOUNDATION WORK. AS A MINIMUM THE TOP 3" OF GRADE SHALL BE REMOVED, THE EXPOSED SUBGRADE COMPACTED AND GEOTEXTILE FABRIC INSTALLED AS REQUIRED FOR UNSTABLE SOIL CONDITION.
 - ALL SELECT GRANULAR FILL SHALL BE COMPACTED TO A 95% COMPACTION AT A MAXIMUM DRY DENSITY AS DETERMINED BY MODIFIED PROCTOR TEST (ASTM D-1557) AND WITHIN PLUS OR MINUS 3% OF OPTIMUM MOISTURE CONTENT.
 - CONTRACTOR TO ASSURE THAT EXISTING DRAINAGE PATTERNS ARE MAINTAINED.
- 6" N.Y.S.D.O.T. PAY ITEM NO. 304.12, MATERIAL DESIGNATION 733.0402 SUBBASE COURSE TYPE 2, COMPACTED WITH A 12 TON SMOOTH DRUM VIBRATORY ROLLER
- 12" N.Y.S.D.O.T. PAY ITEM NO. 623.12 SIZE DESIGNATION #4 CRUSHED STONE (12" MINIMUM WITH 2-6" COMPACTED LIFTS COMPACTED WITH A 12 TON SMOOTH DRUM VIBRATORY ROLLER). THE CELLULAR CONSTRUCTION MANAGER MAY SPECIFY ADDITIONAL STONE BASE AS FIELD CONDITIONS WARRANT.
- GEOTEXTILE FABRIC MIRAFI 500X OR APPROVED EQUAL
- PROOF-ROLL ROADWAY SUBGRADE AREAS USING A 12 TON SMOOTH DRUM VIBRATORY ROLLER. AREAS THAT SHOW PUMPING OR WHICH ARE OTHERWISE UNSATISFACTORY SHALL BE UNDERCUT AND REPLACED WITH COMPACTED FILL, OR STABILIZED IN PLACE.
- SUBGRADE AREAS THAT CANNOT BE STABILIZED OR RESULT IN REMOVAL OF ALL ORGANICS UTILIZING A MAXIMUM OF 1.0' OF UNDERCUT SHOULD BE REPORTED TO THE CONSTRUCTION MANAGER. CONSTRUCTION MANAGER SHALL RECOMMEND THE APPROPRIATE BRIDGING TECHNIQUE THAT MAY INCLUDE UTILIZATION OF STONE FILLING, ADDITIONAL FABRIC AND/OR GEOGRID MATERIALS.

7 GRAVEL DRIVE CROSS SECTION W/ DRAINAGE SWALE
SCALE: 1" = 2' (22x34 SIZE)
1" = 4' (11x17 SIZE)

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PROJECT MANAGER
D.A.W.

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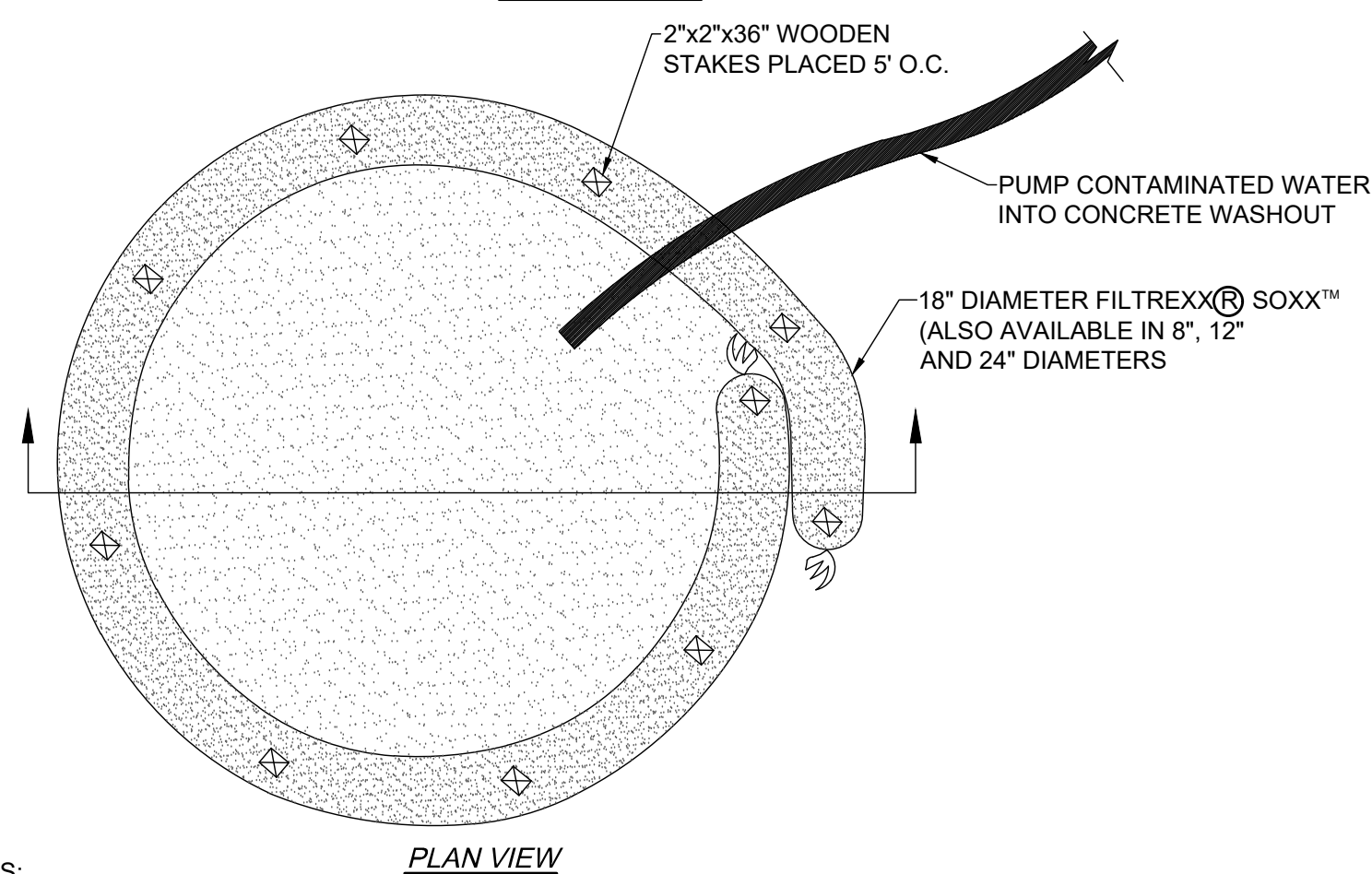
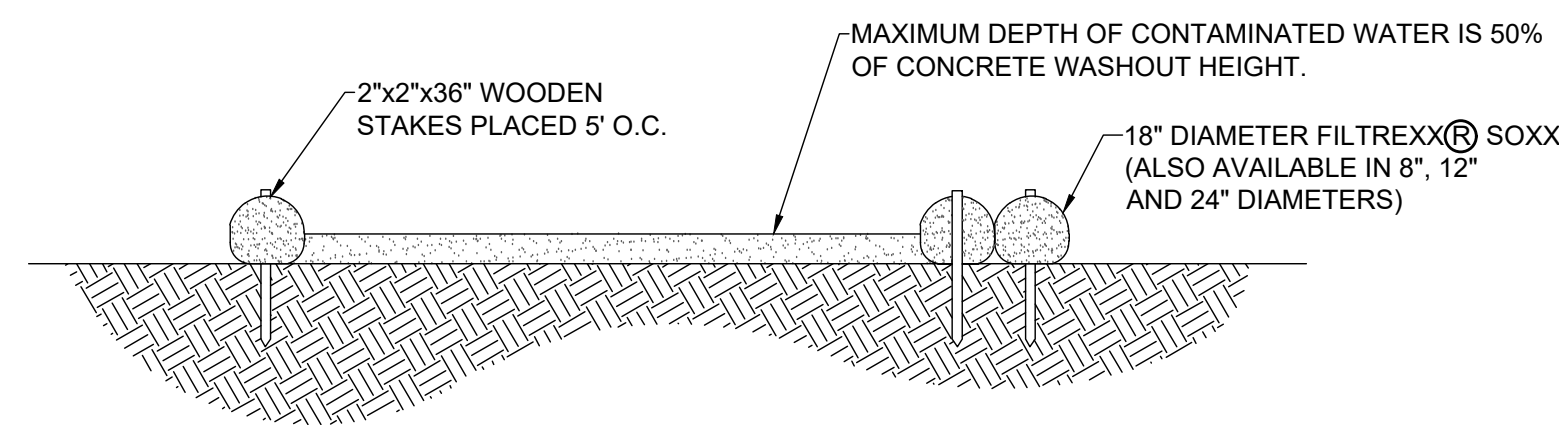
TOWN OF CLARENCE
COUNTY OF ERIE
STATE OF NEW YORK

SHEET TITLE
SITE DETAILS

C.E. JOB NUMBER
8776

SHEET NUMBER
CA501

SHEET 12 OF 13

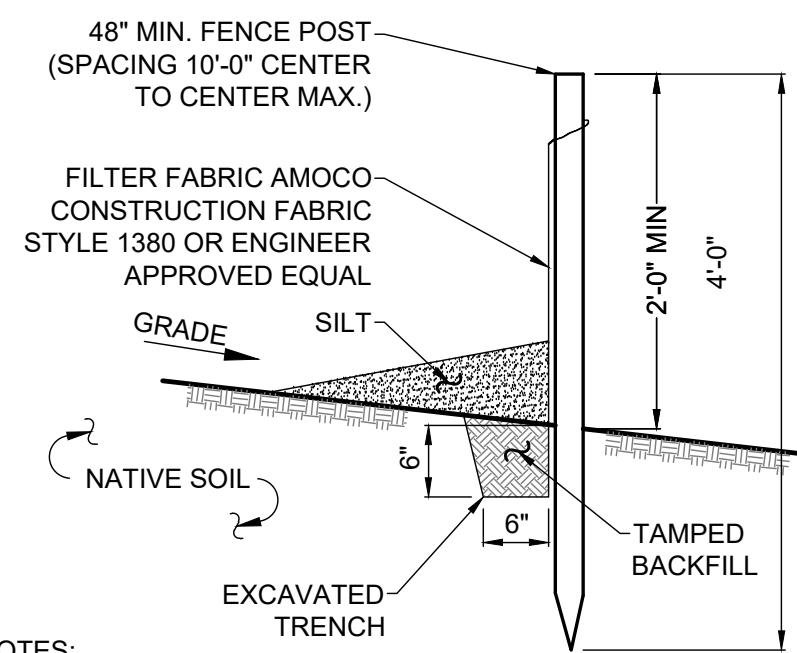


NOTES:
 FOR ANY PROJECT ON WHICH CONCRETE WILL BE POURED OR OTHERWISE FORMED ON SITE, A SUITABLE WASHOUT FACILITY MUST BE PROVIDED FOR THE CLEANING OF CHUTES, MIXERS, AND HOPPERS OF THE DELIVERY VEHICLES UNLESS SUCH A FACILITY WILL BE USED AT THE SOURCE OF THE CONCRETE.

1. UNDER NO CIRCUMSTANCES MAY WASH WATER FROM THESE VEHICLES BE ALLOWED TO ENTER ANY SURFACE WATERS.
2. CONCRETE WASHOUT SHALL BE UNDERLAYED WITH 4 MIL. THICK PLASTIC BUFFER.
3. MAKE SURE THAT PROPER SIGNAGE IS PROVIDED TO DRIVERS SO THAT THEY ARE AWARE OF THE PRESENCE OF WASHOUT FACILITIES.
4. WASHOUT FACILITIES SHOULD NOT BE PLACED WITHIN 50 FEET OF STORM DRAINS, OPEN DITCHES OR SURFACE WATERS.
5. INSTALL ON FLAT GRADE NOT TO EXCEED 2%.
6. CONCRETE WASHOUT MAY BE STACKED IN A PYRAMIDAL CONFIGURATION FOR ADDED HEIGHT AND STABILITY.
7. CONCRETE WASHOUT MAY BE DIRECT SEEDED AT THE TIME OF INSTALLATION.
8. THEY SHOULD BE IN A CONVENIENT LOCATION FOR THE TRUCKS, PREFERABLY NEAR THE PLACE WHERE THE CONCRETE IS BEING POURED.
9. CONCRETE WASHOUT NOT TO BE LESS THAN 6" IN DIAMETER.

1 CONCRETE WASHOUT DETAIL

CA502 SCALE: NTS

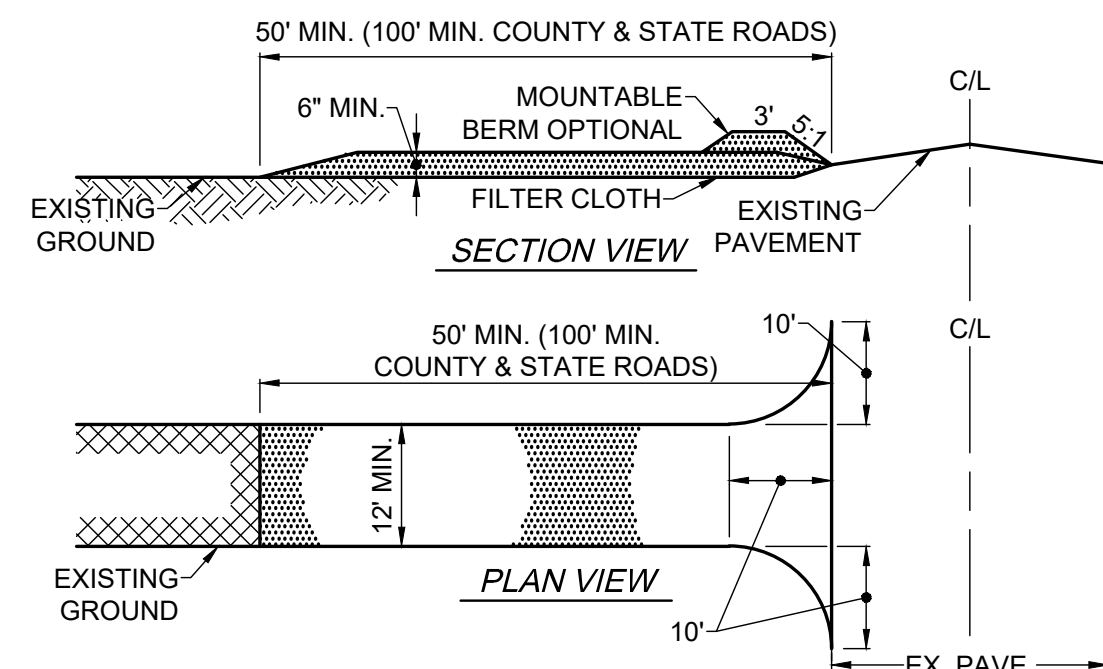


NOTES:

1. SILT FENCE SHALL BE MAINTAINED IN PLACE DURING CONSTRUCTION AND SOIL STABILIZATION PERIOD.
2. CONTRACTOR SHALL CONSTRUCT SILT FENCE IN ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS.
3. EXCAVATE TRENCH 6" WIDE X 6" DEEP. BURY BOTTOM 12" OF FABRIC AND TAMP IN PLACE.
4. WHEN FENCE IS NO LONGER NEEDED, THE ACCUMULATED SILT, ALL THE POSTS AND FABRIC SHALL BE REMOVED AND TRENCH BACK FILLED WITH TOPSOIL AND SEEDED.

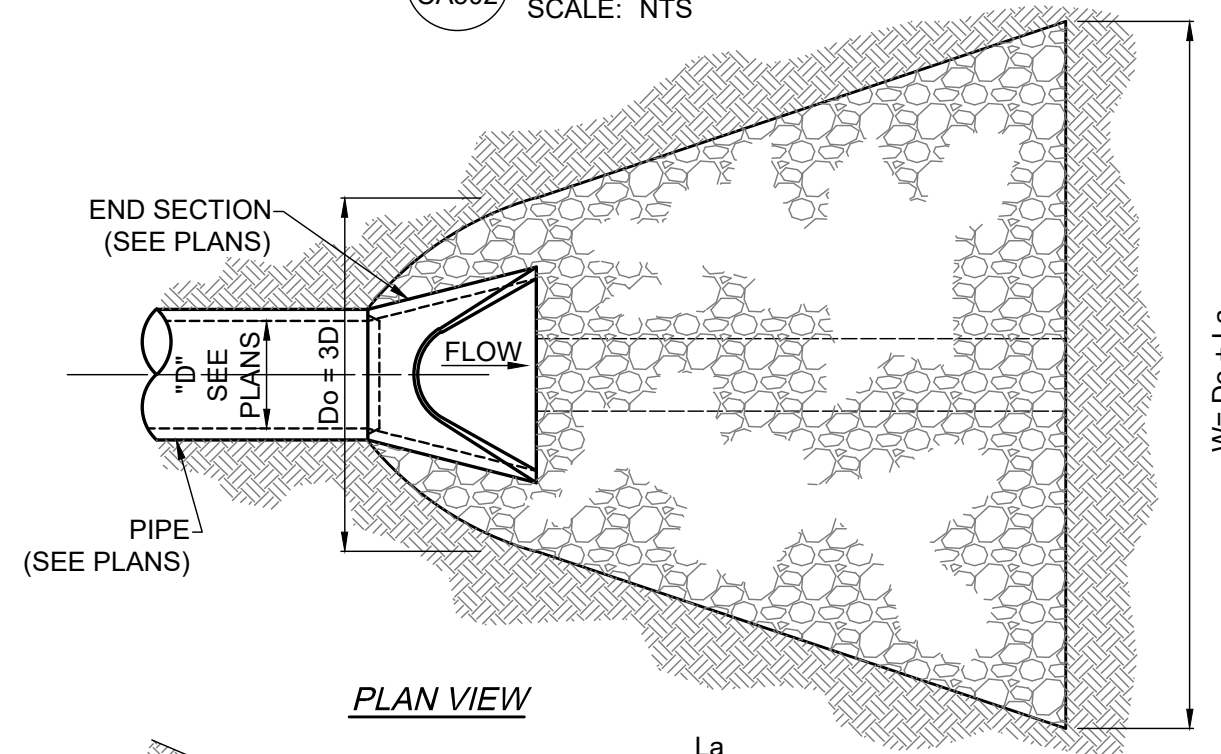
5 SILT FENCE DETAIL

CA502 SCALE: NTS

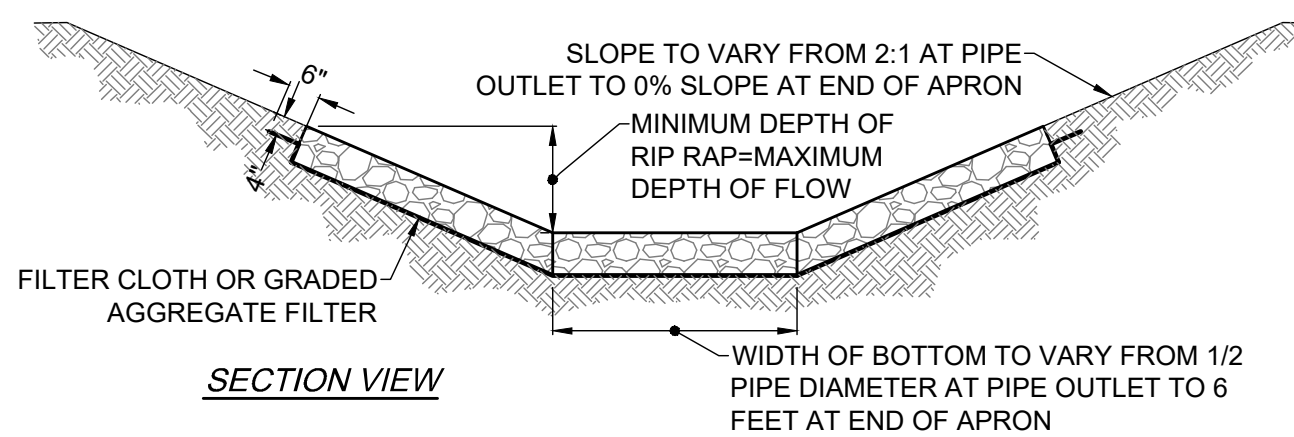
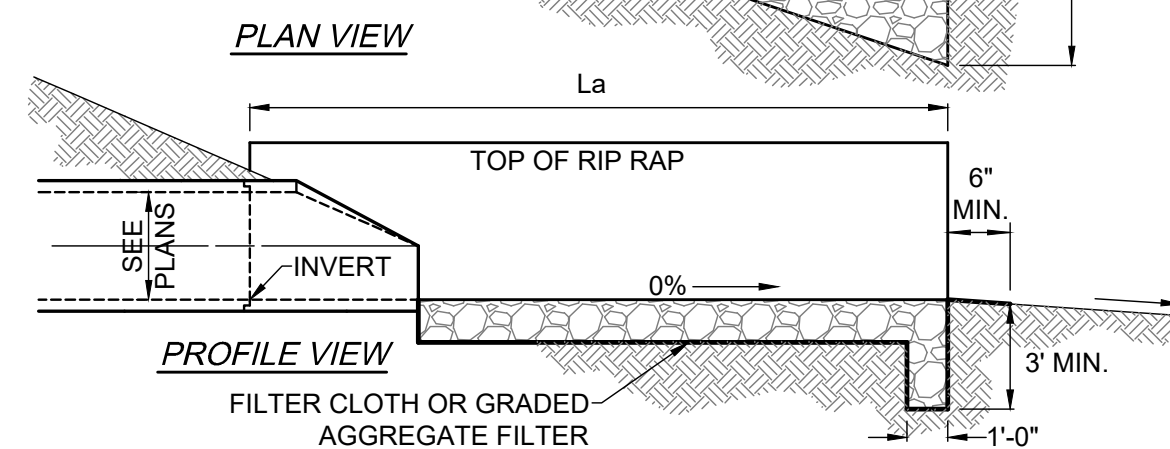


2 STABILIZED CONSTRUCTION ENTRANCE DETAIL

CA502 SCALE: NTS



END SECTION STONE FILLING APRON SCHEDULE					
D (INCHES)	La (FT.)	Do (FT.)	W (FT.)	MINIMUM THICKNESS (INCHES)	NYSDOT ITEM NO.
12	6.0	3.0	9.0	12	820.03 LIGHT

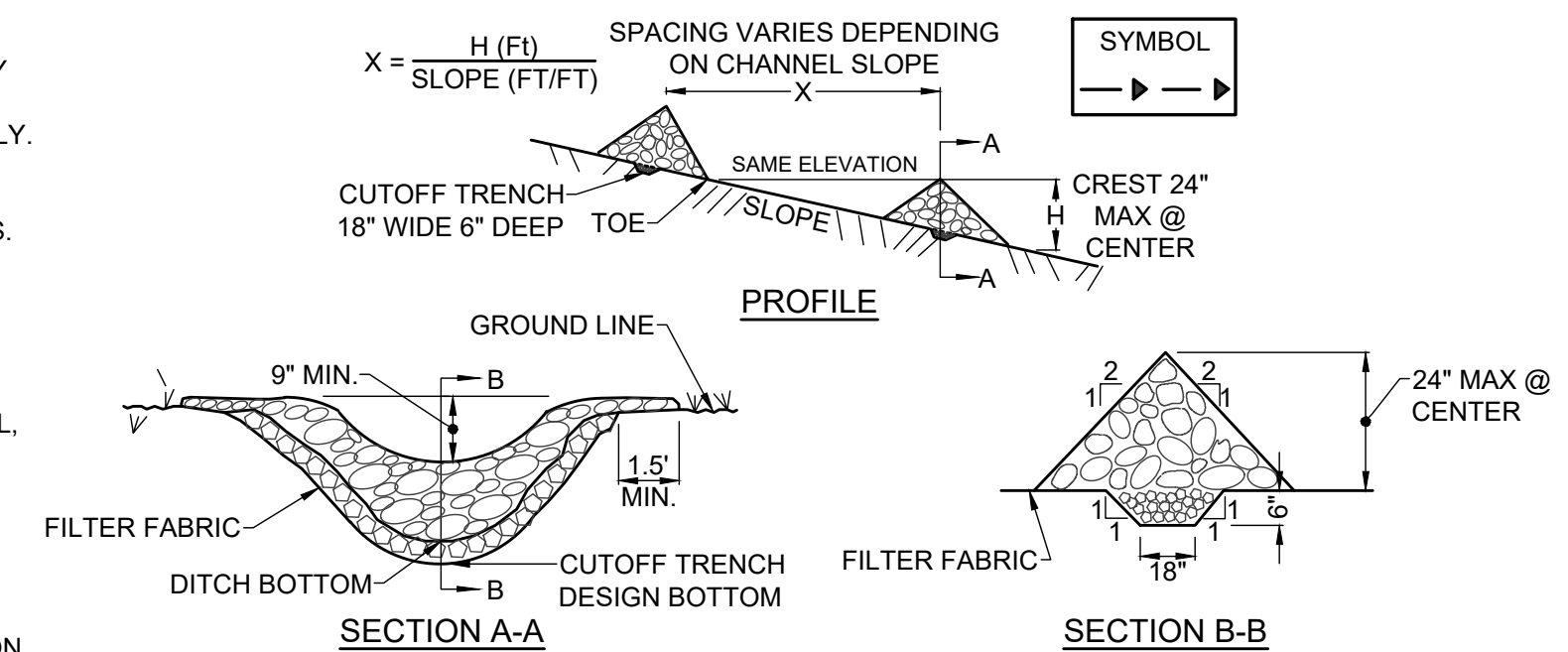


4 OUTLET PROTECTION DETAIL

CA502 SCALE: NTS

CONSTRUCTION SPECIFICATIONS AND NOTES

1. STONE SIZE - USE 1-4" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH - AS REQUIRED, (100 FT. MIN. FOR ACCESS TO COUNTY OR STATE ROADS) NOT LESS THAN 50 FT. (EXCEPT ON SINGLE RESIDENCE LOT WHERE A 30 FT. MINIMUM LENGTH SHALL APPLY.
3. THICKNESS - NOT LESS THAN SIX (6) INCHES.
4. WIDTH - TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. TWENTY FOUR (24) FOOT IF SINGLE ENTRANCE TO SITE.
5. GEOTEXTILE - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
6. SURFACE WATER - ALL SURFACE WATER FLOWING AND/OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED BENEATH THE ENTRANCE. IF THE PIPING IS IMPRACTICAL, A MOUNTING BERM WITH 5:1 SLOPES WILL BE PERMITTED.
7. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY, ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
8. WASHING - WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. PERIODIC INSPECTION & NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.



CONSTRUCTION SPECIFICATIONS

1. STONE WILL BE PLACED ON A FILTER FABRIC FOUNDATION TO THE LINES, GRADES AND LOCATIONS SHOWN IN THE PLAN.
2. SET SPACING OF CHECK DAMS TO ASSUME THAT THE ELEVATIONS OF THE CREST OF THE DOWNSTREAM DAM IS AT THE SAME ELEVATION OF THE TOE OF THE UPSTREAM DAM.
3. EXTEND THE STONE A MINIMUM OF 1.5 FEET BEYOND THE DITCH BANKS TO PREVENT CUTTING AROUND THE DAM.
4. PROTECT THE CHANNEL DOWNSTREAM OF THE LOWEST CHECK DAM FROM SCOUR AND EROSION WITH STONE OR LINER AS APPROPRIATE.
5. ENSURE THAT CHANNEL APPURTENANCES SUCH AS CULVERT ENTRANCES BELOW CHECK DAMS ARE NOT SUBJECT TO DAMAGE OR BLOCKAGE FROM DISPLACED STONE.
6. MAXIMUM DRAINAGE AREA 2 ACRES.

3 CHECK DAM DETAIL

CA502 SCALE: NTS

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 11101 ANDERSON DRIVE, SUITE 200
 LITTLE ROCK, AR 72212

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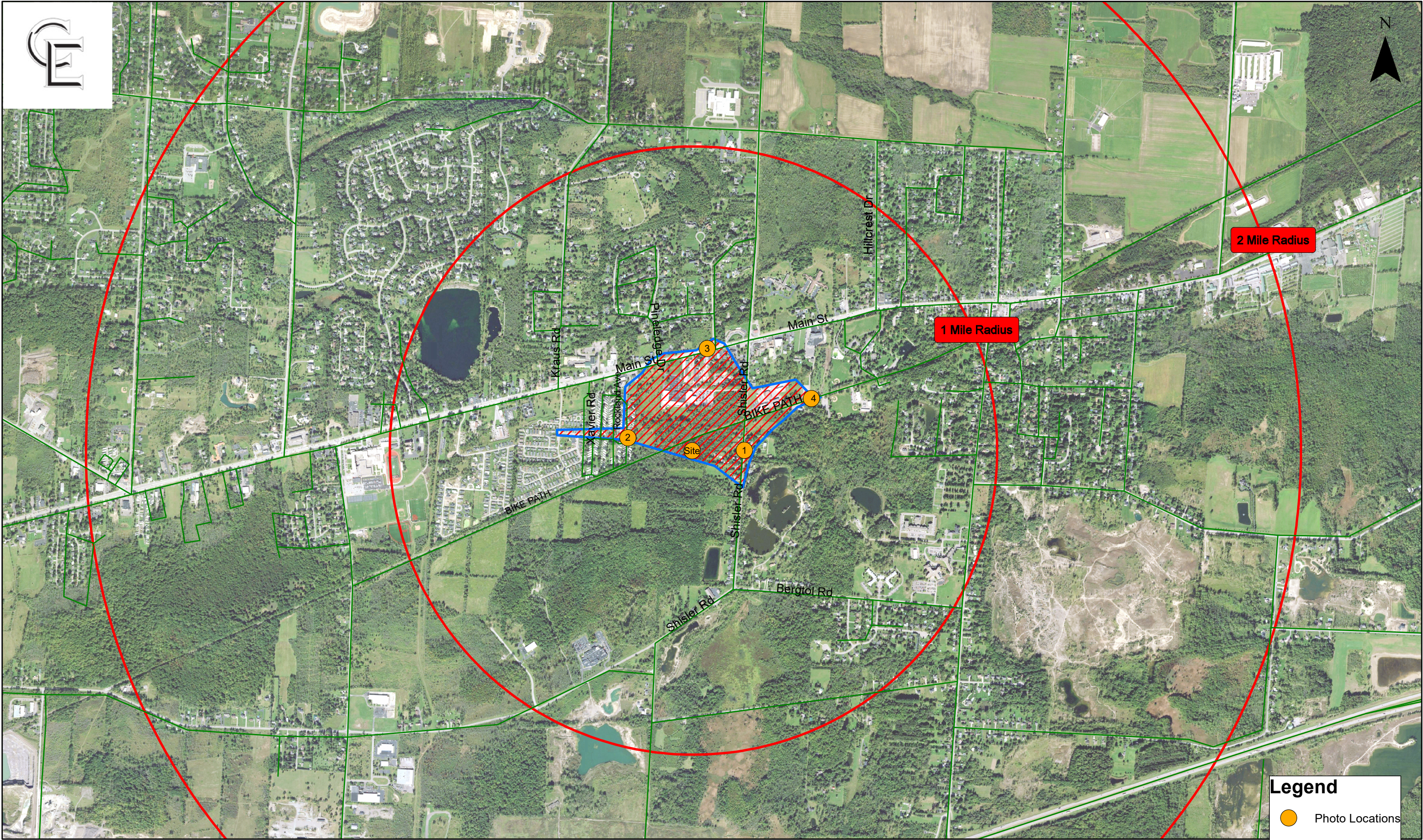
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SHEET TITLE
EROSION CONTROL
DETAILS





C.E. JOB NUMBER
8776
 SHEET NUMBER
CA502
 SHEET 13 OF 13




2 Mile Radius

1 Mile Radius

Legend

-  Photo Locations
-  Roads
-  Mile Radii
-  Viewshed

6/3/2024
CE# 8776
1,500 750 0 1,500 Feet



Photolog / Viewshed Map
Clarence