



WIRELESS COMMUNICATIONS FACILITY

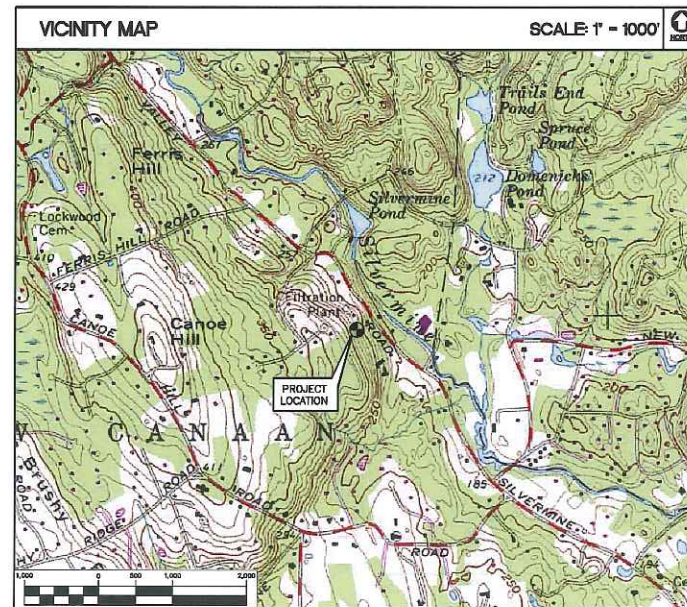
DEVELOPMENT AND MANAGEMENT PLAN

CT11098B

SILVER HILL RAWLAND
208 VALLEY ROAD
NEW CANAAN, CT 06840

SITE INFORMATION

- THE SCOPE OF WORK SHALL INCLUDE:
1. THE CONSTRUCTION OF A ±1250 SQ. FT. FENCED WIRELESS COMMUNICATIONS COMPOUND/LEASE AREA.
 2. SITE ACCESS WILL BE VIA THE EXISTING PROPERTY ACCESS DRIVE TO A PROPOSED PULL-OFF PARKING AREA ADJACENT TO THE PROPOSED FACILITY. A 10' WIDE BY 35'± LONG GRAVEL ACCESS DRIVE WILL BE PROVIDED FOR PEDESTRIAN AND TOWER SERVICE VEHICLE ACCESS FROM PULL-OFF PARKING AREA TO THE FACILITY.
 3. T-MOBILE IS PROPOSING THE INSTALLATION OF A 15'x15' CONCRETE PAD WITHIN THE FENCED COMPOUND FOR MOUNTING OUTDOOR EQUIPMENT. CELCO PARTNERSHIP (INTERVENOR) IS PROPOSING A NOMINAL 12'x24' EQUIPMENT SHELTER (WITH SHELTER HOUSED DIESEL FUELED BACKUP POWER GENERATOR) WITHIN THE PROPOSED FENCED COMPOUND.
 4. A PROPOSED ±120' TALL UNIPOLE TOWER WILL HOUSE A TOTAL OF (3) T-MOBILE ANTENNAS AT A CENTERLINE ELEVATION OF 117' ABOVE TOWER BASE ELEVATION AND A TOTAL OF (6) CELCO PARTNERSHIP ANTENNAS (3 ANTENNAS @ 106' ELEVATION AND 3 ANTENNAS @ 96' ELEVATION).
 5. POWER AND TELCO UTILITIES SHALL BE ROUTED UNDERGROUND FROM AN EXISTING UTILITY POLE LOCATED ON THE SUBJECT PROPERTY, ALONG THE EXISTING AND PROPOSED ACCESS DRIVES TO THE PROPOSED UTILITY BACKBOARD LOCATED ADJACENT TO THE PROPOSED FENCED COMPOUND. FINAL CONDUIT ROUTING WILL BE VERIFIED/DETERMINED BY LOCAL UTILITY COMPANIES. UTILITIES WILL BE ROUTED UNDERGROUND FROM UTILITY BACKBOARD TO THE RESPECTIVE EQUIPMENT LOCATIONS WITHIN THE FENCED COMPOUND.
 6. THE PROPOSED WIRELESS FACILITY INSTALLATION WILL BE DESIGNED IN ACCORDANCE WITH THE 2003 INTERNATIONAL BUILDING CODE AS MODIFIED BY THE 2009 CONNECTICUT SUPPLEMENT.
 7. THERE WILL NOT BE ANY LIGHTING UNLESS REQUIRED BY THE FCC OR THE FAA.
 8. THERE WILL NOT BE ANY SIGNS OR ADVERTISING ON THE ANTENNAS OR EQUIPMENT.



PROJECT SUMMARY

SITE NUMBER: CT11098B
SITE NAME: SILVER HILL RAWLAND
SITE ADDRESS: 208 VALLEY ROAD, NEW CANAAN, CT 06840
ASSESSOR ID: MAP 44, BLOCK 108, LOT 120
SITE LOCATION: LATITUDE 41°-9'-58.454", LONGITUDE 73°-28'-13.721", GROUND ELEVATION: ±261.5' AMSL

COORDINATES AND GROUND ELEVATION BASED ON FAA 2C SURVEY CERTIFICATION PREPARED BY MARTINEZ COUCH AND ASSOCIATES LLC DATED DECEMBER 15, 2009.

PROPERTY OWNER: SILVER HILL HOSPITAL INC., 208 VALLEY ROAD, NEW CANAAN, CT 06840
CONTACT: BILL HENNESSY (203) 425-4200
APPLICANT: T-MOBILE
CONTACT: AMY ENGLISH (HFC DEVELOPMENT) (203) 797-1112
ATTORNEY: COHEN AND WOLF, P.C., 1115 BROAD STREET, BRIDGEPORT, CT 06604
PARCEL ACREAGE: PROPOSED SITE TO BE LOCATED ON ±23.26 ACRE PARCEL 'A'
ZONING DESIGNATION: 2 ACRE RESIDENCE ZONE

SHEET INDEX

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REV.	DATE	BY	DESCRIPTION
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0	07/24/12	CFC	DAM - ISSUED FOR CLIENT REVIEW

PROFESSIONAL ENGINEER SEAL

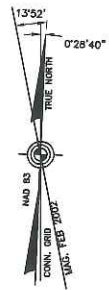
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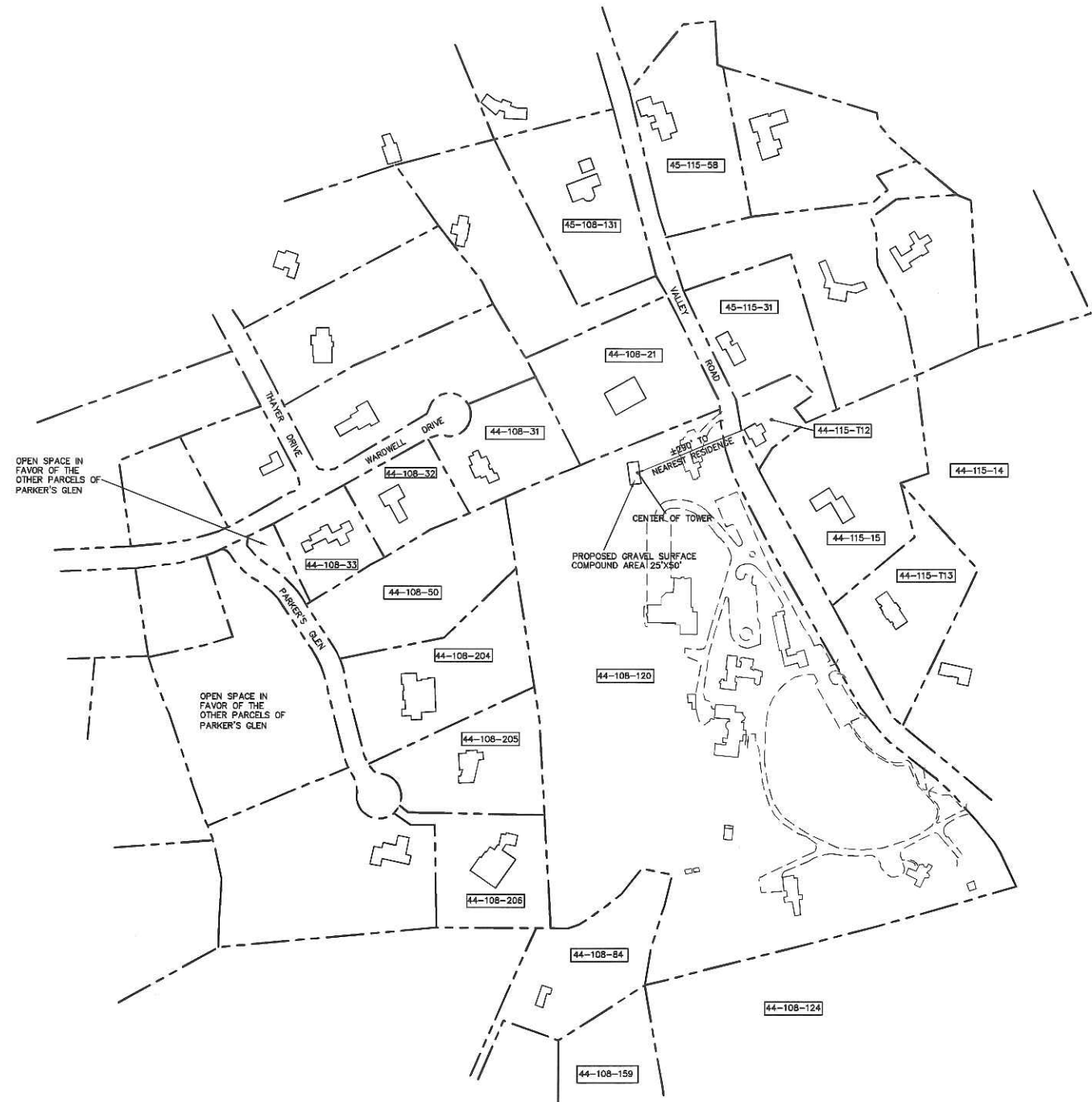
DATE: 07/25/12
 SCALE: AS NOTED
 JOB NO. 09017.C014

TITLE SHEET

T-1
 Sheet No. 1 of 12



NOTE
 1) LOT LINES DEPICTED HEREON ARE DIGITIZED FROM TOWN ASSESSORS MAPS AND ARE APPROXIMATE.
 2) BUILDING SHOWN ON ABUTTING PARCELS ARE FROM ON-LINE AERIAL MAPPING AND IS APPROXIMATE IN SIZE, SHAPE AND LOCATION BUILDING CONSTRUCTED SINCE TIME OF MAPPING MAY NOT BE SHOWN.



NOTE:
 PROPERTY INFORMATION SHOWN HEREIN—MAP/BLOCK/LOT, PROPERTY AND OWNER MAILING ADDRESS—TAKEN FROM 'NEW CANAAN PROPERTY APPRAISALS SEARCH PAGE' WEBSITE IN MARCH 2010.

SUBJECT PROPERTY

MAP 44, BLOCK 108, LOT 120
 208 VALLEY ROAD, NEW CANAAN, CT
 OWNER: SILVER HILL HOSPITAL INC.
 ADDRESS: 208 VALLEY ROAD, NEW CANAAN, CT 06840

ABUTTERS LIST

- MAP 44, BLOCK 108, LOT 21
 270 VALLEY ROAD, NEW CANAAN, CT
 OWNER: FIRST TAXING DISTRICT OF THE CITY OF NORWALK
 ADDRESS: 12 NEW CANAAN AVENUE, P.O. BOX 27, NORWALK, CT 06852
- MAP 44, BLOCK 108, LOT 31
 2 WARDWELL DRIVE, NEW CANAAN, CT
 OWNER: DEBRA D. PROSBEK
 ADDRESS: 2 WARDWELL DRIVE, NEW CANAAN, CT 06840
- MAP 44, BLOCK 108, LOT 50
 26 PARKER'S GLEN, NEW CANAAN, CT
 OWNER: PARKER'S GLEN LLC
 ADDRESS: 36 CHICHESTER ROAD, NEW CANAAN, CT 06840
- MAP 44, BLOCK 108, LOT 204
 42 PARKER'S GLEN, NEW CANAAN, CT
 OWNER: JOHN FALCONI AND MAUREEN FALCONI
 ADDRESS: 42 PARKER'S GLEN, NEW CANAAN, CT 06840
- MAP 44, BLOCK 108, LOT 205
 58 PARKER'S GLEN, NEW CANAAN, CT
 OWNER: R.R. BUILDERS, LLC
 ADDRESS: P.O. BOX 1567, NEW CANAAN, CT 06840
- MAP 44, BLOCK 108, LOT 206
 64 PARKER'S GLEN, NEW CANAAN, CT
 OWNER: WW RES-1, LLC
 ADDRESS: 17 HIGH MEADOWS, MT. KISCO, NY 10549
- MAP 44, BLOCK 108, LOT 84
 103 SALEM ROAD, NEW CANAAN, CT
 OWNER: MARK MICHAEL ALLEGRETTI AND JILL MCCLURE ALLEGRETTI
 ADDRESS: 103 SALEM ROAD, NEW CANAAN, CT 06840
- MAP 44, BLOCK 108, LOT 159
 95 FABLE FARM ROAD, NEW CANAAN, CT
 OWNER: RICHARD J.G. HURST AND WENDY A. HURST
 ADDRESS: 95 FABLE FARM ROAD, NEW CANAAN, CT 06840
- MAP 44, BLOCK 108, LOT 124
 134 VALLEY ROAD, NEW CANAAN, CT
 OWNER: GARY CONWAY AND MIMI CONWAY
 ADDRESS: 134 VALLEY ROAD, NEW CANAAN, CT 06840
- MAP 44, BLOCK 115, LOT 14
 143 VALLEY ROAD, NEW CANAAN, CT
 OWNER: SILVER HILL HOSPITAL INC.
 ADDRESS: 208 VALLEY ROAD, NEW CANAAN, CT 06840
- MAP 44, BLOCK 115, LOT 113
 225 VALLEY ROAD, NEW CANAAN, CT
 OWNER: ALICIA C. UNDERWOOD
 ADDRESS: 225 VALLEY ROAD, NEW CANAAN, CT 06840
- MAP 44, BLOCK 115, LOT 15
 228 VALLEY ROAD, NEW CANAAN, CT
 OWNER: D. KENT TURNER AND CHRISTINA F. TURNER
 ADDRESS: 228 VALLEY ROAD, NEW CANAAN, CT 06840
- MAP 44, BLOCK 115, LOT 112
 253 VALLEY ROAD, NEW CANAAN, CT
 OWNER: CHRISTOPHER STARR JONES
 ADDRESS: 253 VALLEY ROAD, NEW CANAAN, CT 06840
- MAP 44, BLOCK 115, LOT 31
 269 VALLEY ROAD, NEW CANAAN, CT
 OWNER: DAYTON ODGEN AND MARGARET R. ODGEN
 ADDRESS: 269 VALLEY ROAD, NEW CANAAN, CT 06840

OPEN SPACE IN FAVOR OF THE OTHER PARCELS OF PARKER'S GLEN

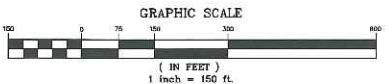
OPEN SPACE IN FAVOR OF THE OTHER PARCELS OF PARKER'S GLEN

PROPOSED GRAVEL SURFACE COMPOUND AREA 25'X50'

CENTER OF TOWER

3250' TO NEAREST RESIDENCE

1 ABUTTERS MAP
 C-1 SCALE: 1" = 150'



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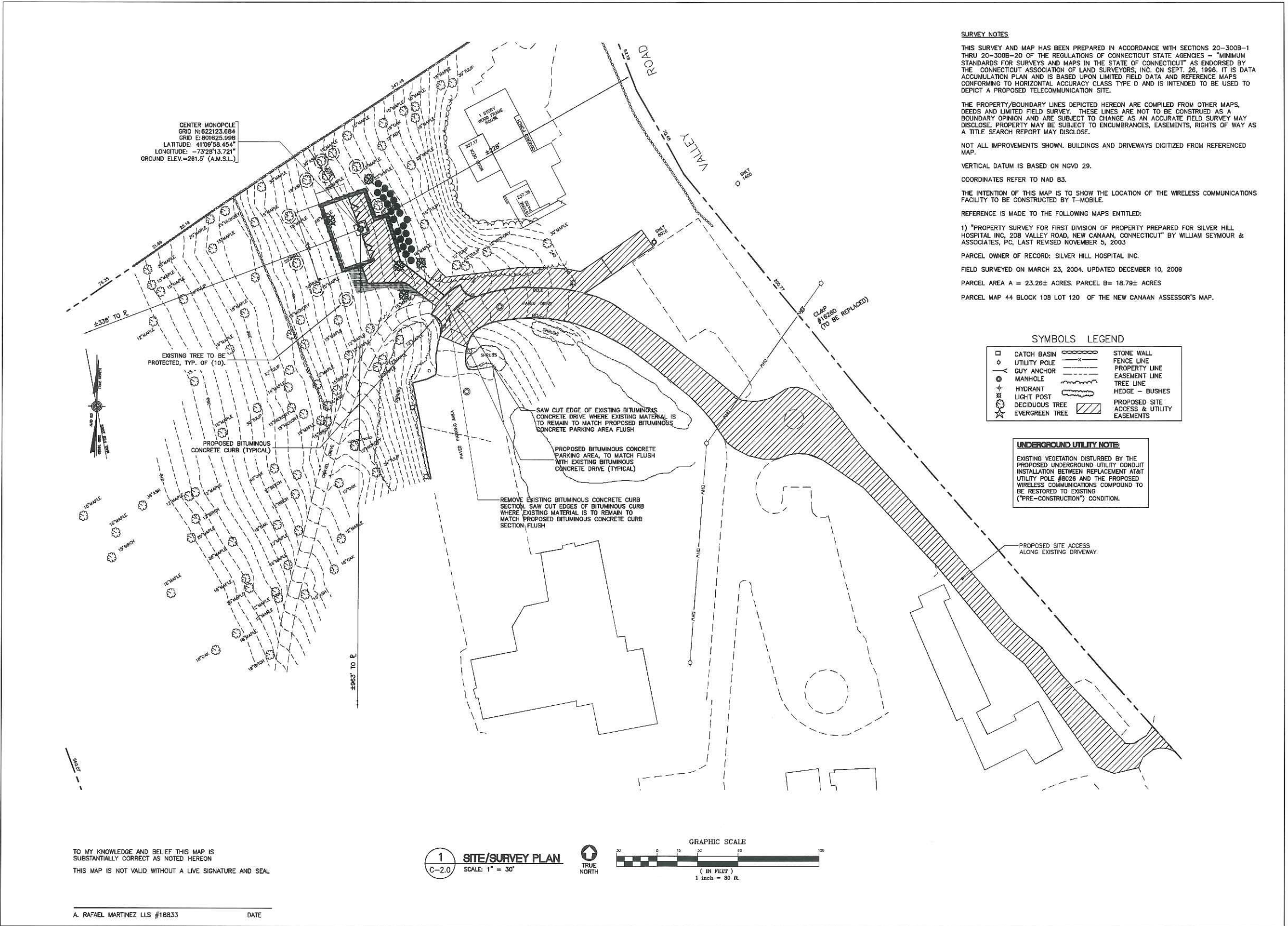
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ABUTTERS MAP

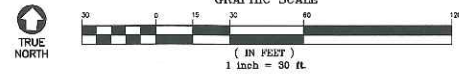
C-1
 Sheet No. 2 of 10



TO MY KNOWLEDGE AND BELIEF THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON. THIS MAP IS NOT VALID WITHOUT A LIVE SIGNATURE AND SEAL.

A. RAFAEL MARTINEZ LLS #18833 DATE

1 SITE/SURVEY PLAN
C-2.0 SCALE: 1" = 30'



SURVEY NOTES

THIS SURVEY AND MAP HAS BEEN PREPARED IN ACCORDANCE WITH SECTIONS 20-300B-1 THRU 20-300B-20 OF THE REGULATIONS OF CONNECTICUT STATE AGENCIES - "MINIMUM STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" AS ENDORSED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. ON SEPT. 26, 1996. IT IS DATA ACCUMULATION PLAN AND IS BASED UPON LIMITED FIELD DATA AND REFERENCE MAPS CONFORMING TO HORIZONTAL ACCURACY CLASS TYPE D AND IS INTENDED TO BE USED TO DEPICT A PROPOSED TELECOMMUNICATION SITE.

THE PROPERTY/BOUNDARY LINES DEPICTED HEREON ARE COMPILED FROM OTHER MAPS, DEEDS AND LIMITED FIELD SURVEY. THESE LINES ARE NOT TO BE CONSTRUED AS A BOUNDARY OPINION AND ARE SUBJECT TO CHANGE AS AN ACCURATE FIELD SURVEY MAY DISCLOSE. PROPERTY MAY BE SUBJECT TO ENCUMBRANCES, EASEMENTS, RIGHTS OF WAY AS A TITLE SEARCH REPORT MAY DISCLOSE.

NOT ALL IMPROVEMENTS SHOWN. BUILDINGS AND DRIVEWAYS DIGITIZED FROM REFERENCED MAP.

VERTICAL DATUM IS BASED ON NGVD 29.

COORDINATES REFER TO NAD 83.

THE INTENTION OF THIS MAP IS TO SHOW THE LOCATION OF THE WIRELESS COMMUNICATIONS FACILITY TO BE CONSTRUCTED BY T-MOBILE.

REFERENCE IS MADE TO THE FOLLOWING MAPS ENTITLED:

1) "PROPERTY SURVEY FOR FIRST DIVISION OF PROPERTY PREPARED FOR SILVER HILL HOSPITAL INC, 208 VALLEY ROAD, NEW CANAAN, CONNECTICUT" BY WILLIAM SEYMOUR & ASSOCIATES, PC, LAST REVISED NOVEMBER 5, 2003

PARCEL OWNER OF RECORD: SILVER HILL HOSPITAL INC.

FIELD SURVEYED ON MARCH 23, 2004. UPDATED DECEMBER 10, 2009

PARCEL AREA A = 23.26± ACRES. PARCEL B= 18.79± ACRES

PARCEL MAP 44 BLOCK 108 LOT 120 OF THE NEW CANAAN ASSESSOR'S MAP.

SYMBOLS LEGEND

□	CATCH BASIN	○	STONE WALL
○	UTILITY POLE	—	FENCE LINE
○	GUY ANCHOR	—	PROPERTY LINE
○	MANHOLE	—	EASEMENT LINE
○	HYDRANT	—	TREE LINE
○	LIGHT POST	—	HEDGE - BUSHES
○	DECIDUOUS TREE	—	PROPOSED SITE ACCESS & UTILITY EASEMENTS
○	EVERGREEN TREE		

UNDERGROUND UTILITY NOTE:
EXISTING VEGETATION DISTURBED BY THE PROPOSED UNDERGROUND UTILITY CONDUIT INSTALLATION BETWEEN REPLACEMENT AT&T UTILITY POLE #8026 AND THE PROPOSED WIRELESS COMMUNICATIONS COMPOUND TO BE RESTORED TO EXISTING ("PRE-CONSTRUCTION") CONDITION.

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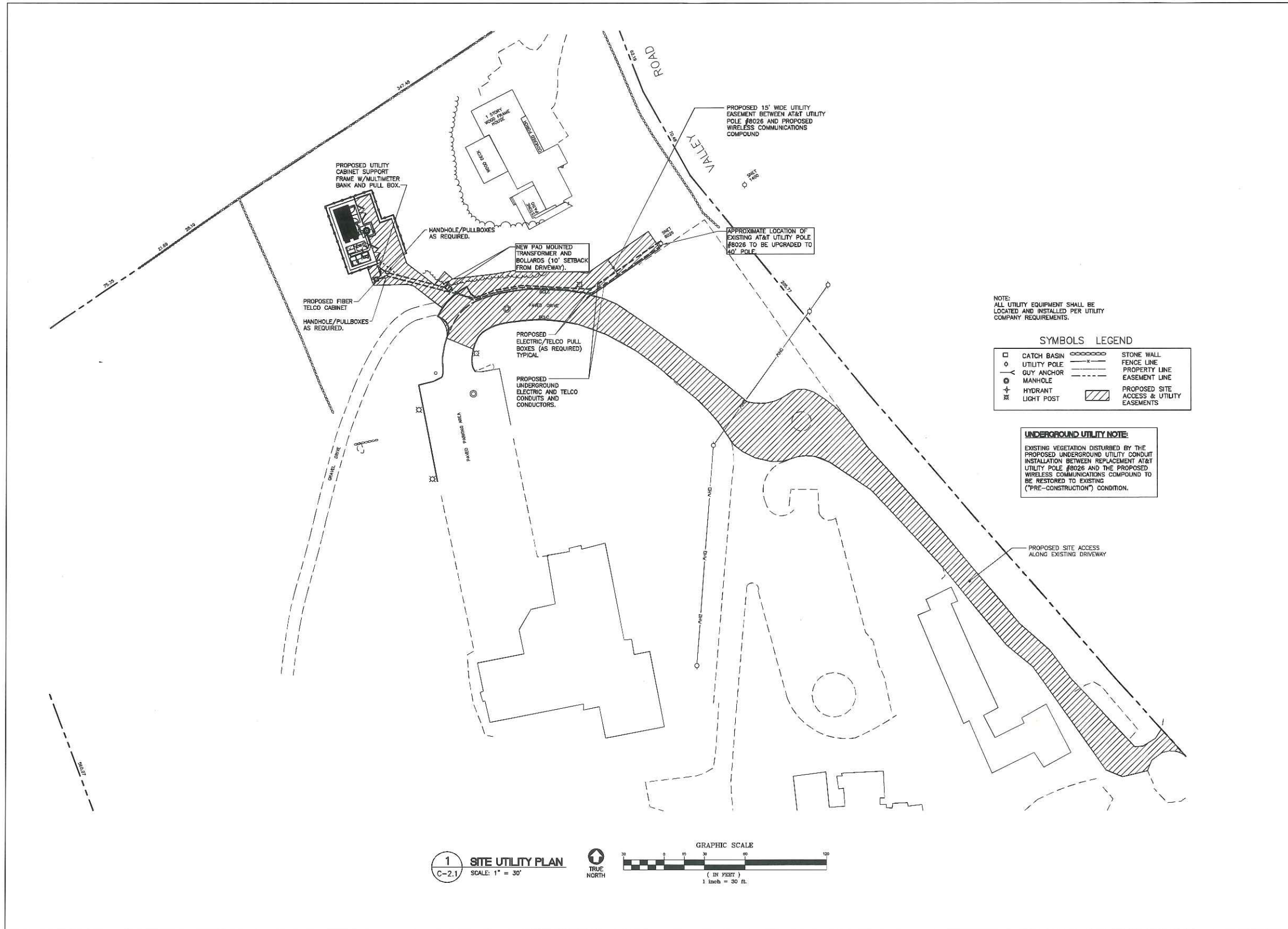
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SITE/SURVEY PLAN
C-2.0
Sheet No. 3 of 10



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SITE UTILITY PLAN

C-21
 Sheet No. 4 of 10

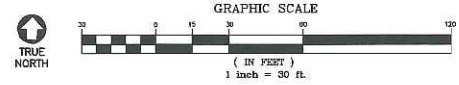
NOTE:
 ALL UTILITY EQUIPMENT SHALL BE LOCATED AND INSTALLED PER UTILITY COMPANY REQUIREMENTS.

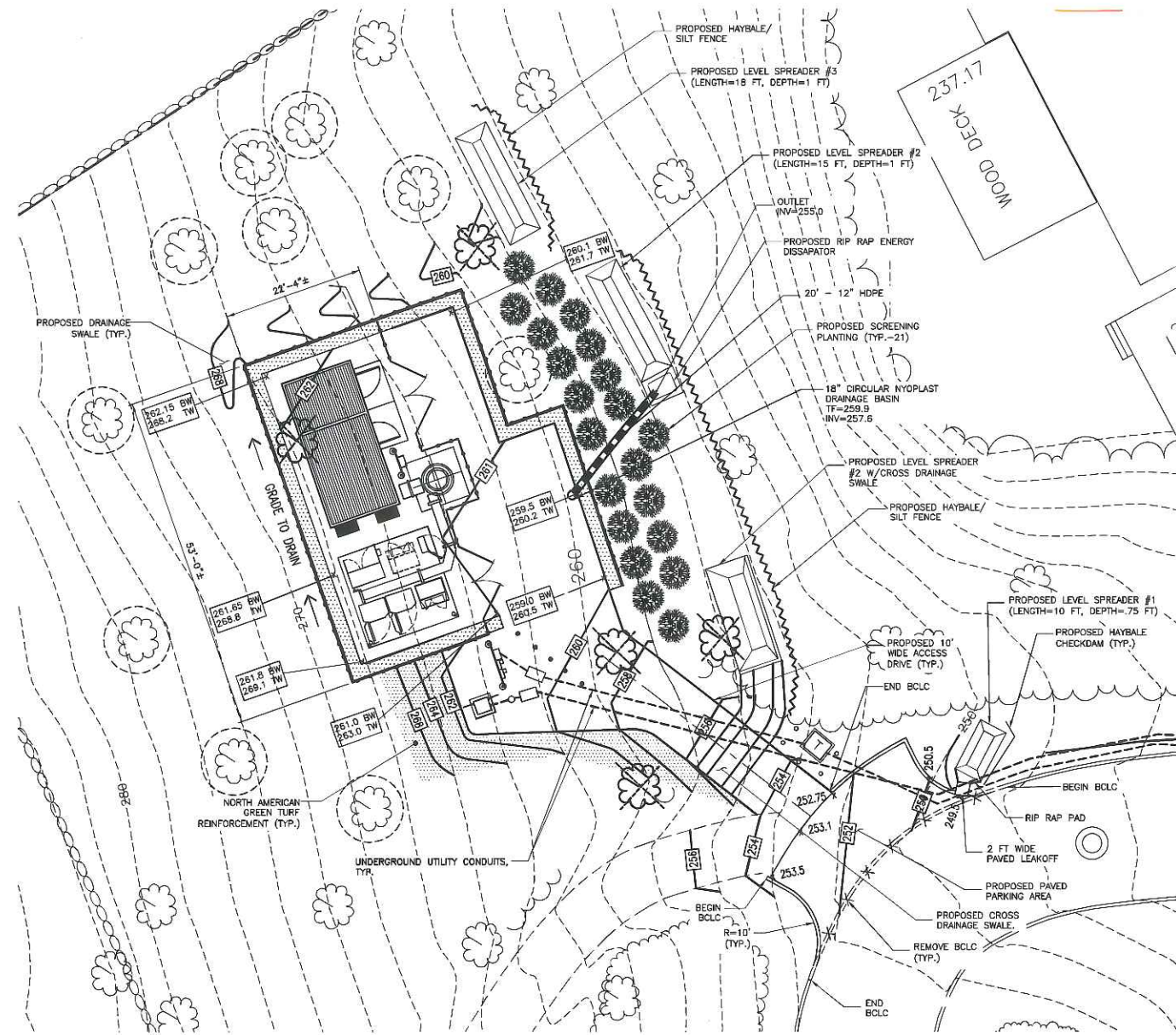
SYMBOLS LEGEND

□	CATCH BASIN	○	STONE WALL
○	UTILITY POLE	—	FENCE LINE
—	GUY ANCHOR	—	PROPERTY LINE
○	MANHOLE	---	EASEMENT LINE
+	HYDRANT	▨	PROPOSED SITE ACCESS & UTILITY EASEMENTS
+	LIGHT POST		

UNDERGROUND UTILITY NOTE:
 EXISTING VEGETATION DISTURBED BY THE PROPOSED UNDERGROUND UTILITY CONDUIT INSTALLATION BETWEEN REPLACEMENT AT&T UTILITY POLE #8026 AND THE PROPOSED WIRELESS COMMUNICATIONS COMPOUND TO BE RESTORED TO EXISTING ("PRE-CONSTRUCTION") CONDITION.

1 SITE UTILITY PLAN
 C-2.1
 SCALE: 1" = 30'





- NOTES:**
- UTILITY TRANSFORMER TO BE LOCATED NOT MORE THAN 10' FROM EDGE OF ACCESS DRIVE WHICH IS THE MAXIMUM ALLOWED BY CL&P. FINAL LOCATION MAY BE ADJUSTED IN FIELD PENDING CL&P AND OWNER REVIEW AND APPROVAL.
 - REFER TO PLANTING PLAN (BY OTHERS) FOR LOCATIONS OF VEGETATIVE SCREENING AROUND THE PROPOSED COMPOUND OTHER THAN THAT SHOWN HEREIN.

- LEGEND:**
- 252.2' x SPOT ELEVATION
 - 277' PROPOSED CONTOUR
 - TW: 252.0' TOP & BOTTOM OF WALL ELEVATIONS
 - TC: 251.7' TOP & BOTTOM OF CURB ELEVATIONS
 - EXISTING TREE TO BE REMOVED
 - EXISTING TREE TO BE PROTECTED DURING CONSTRUCTION.
 - EROSION & SEDIMENTATION CONTROL FENCE.



1 GRADING PLAN
SCALE: 1" = 10'

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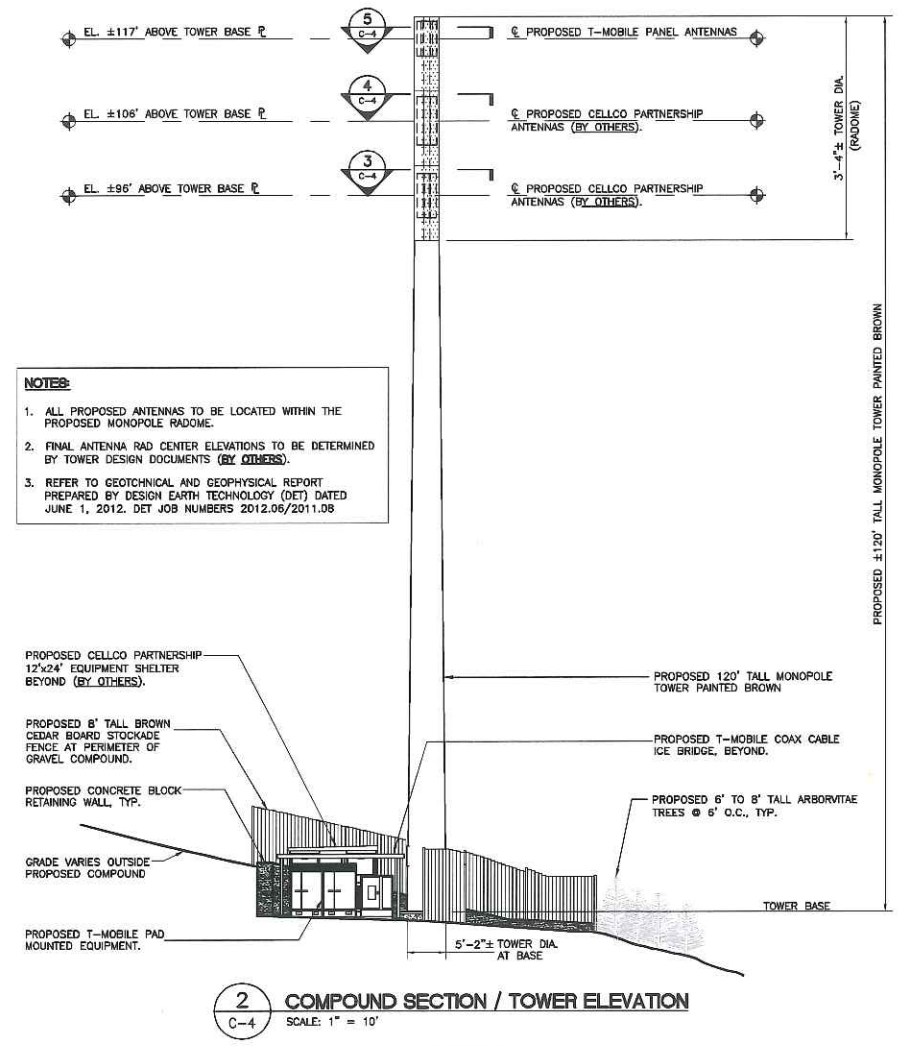
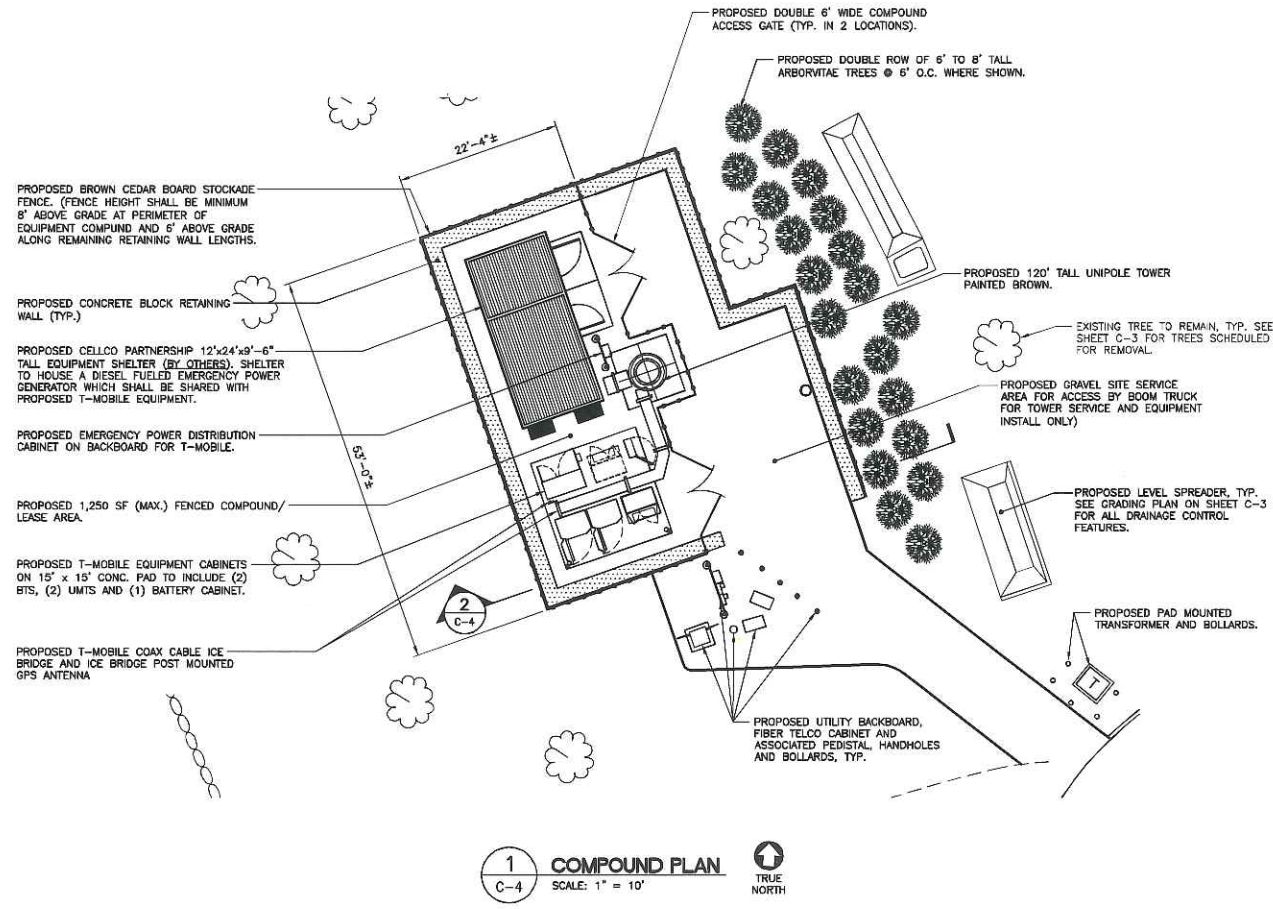
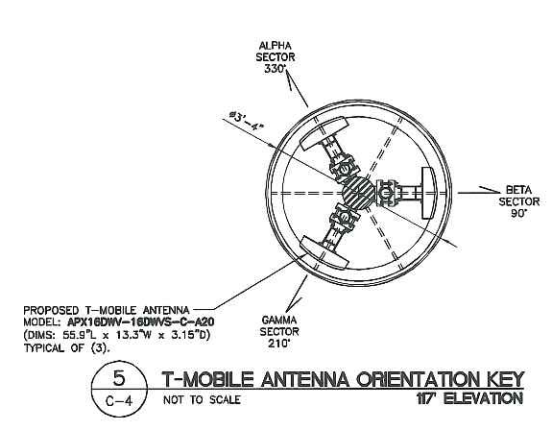
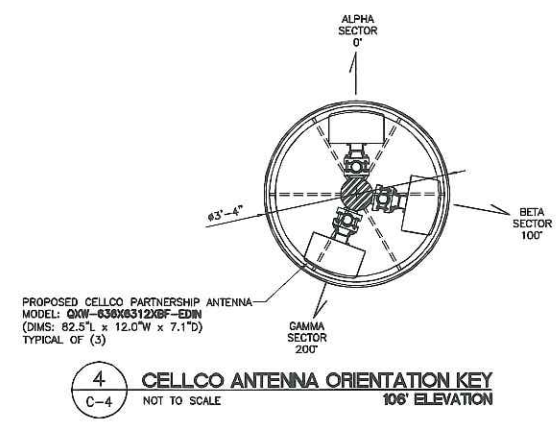
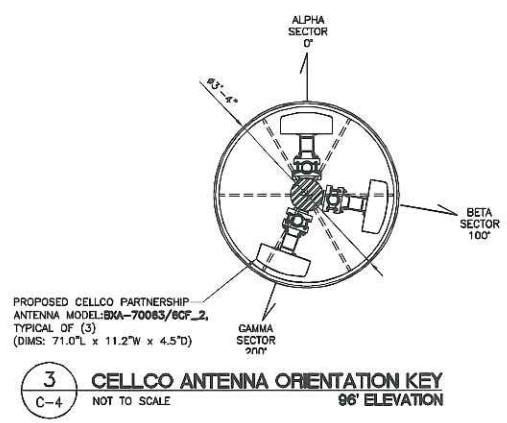
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GRADING PLAN

C-3
Sheet No. 3 of 10

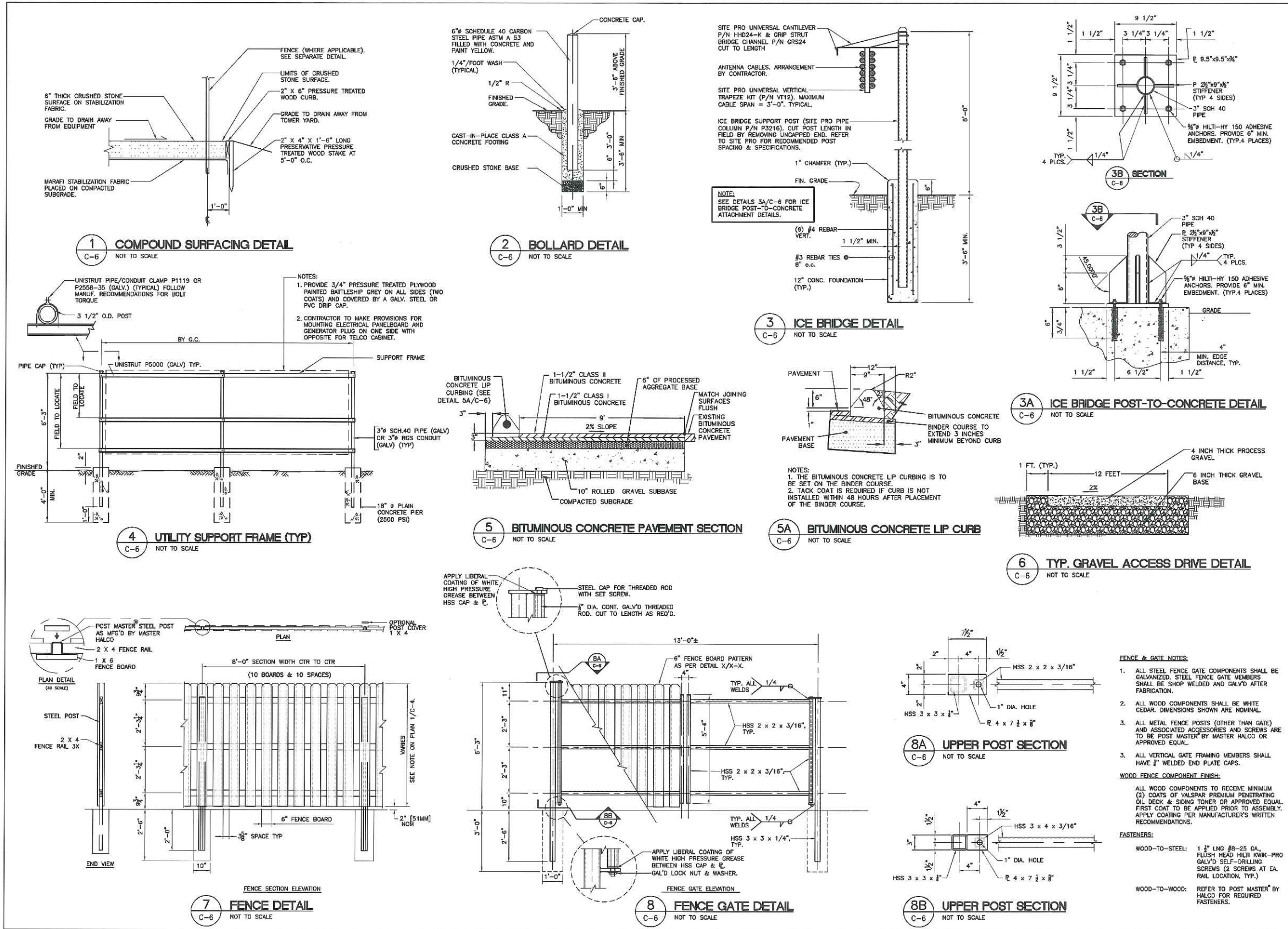


- NOTES:**
1. ALL PROPOSED ANTENNAS TO BE LOCATED WITHIN THE PROPOSED MONOPOLE RADOME.
 2. FINAL ANTENNA RAD CENTER ELEVATIONS TO BE DETERMINED BY TOWER DESIGN DOCUMENTS (BY OTHERS).
 3. REFER TO GEOTECHNICAL AND GEOPHYSICAL REPORT PREPARED BY DESIGN EARTH TECHNOLOGY (DET) DATED JUNE 1, 2012. DET JOB NUMBERS 2012.06/2011.08

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COMPOUND PLAN AND ELEVATION	
C-4	
Sheet No. 6 of 10	

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T-MOBILE WIRELESS COMMUNICATIONS FACILITY CT11098B SILVER HILL, RAWLAND 208 VALLEY ROAD NEW CANAN, CT 06840					
C-6					
Sheet No. 3 of 10					

FENCE & GATE NOTES:

- ALL STEEL FENCE GATE COMPONENTS SHALL BE GALVANIZED. STEEL FENCE GATE MEMBERS SHALL BE SHOP WELDED AND GALV'D AFTER FABRICATION.
- ALL WOOD COMPONENTS SHALL BE WHITE CEDAR. DIMENSIONS SHOWN ARE NOMINAL.
- ALL METAL FENCE POSTS (OTHER THAN GATE) AND ASSOCIATED ACCESSORIES AND SCREWS ARE TO BE POST MASTER® BY MASTER HALCO OR APPROVED EQUAL.

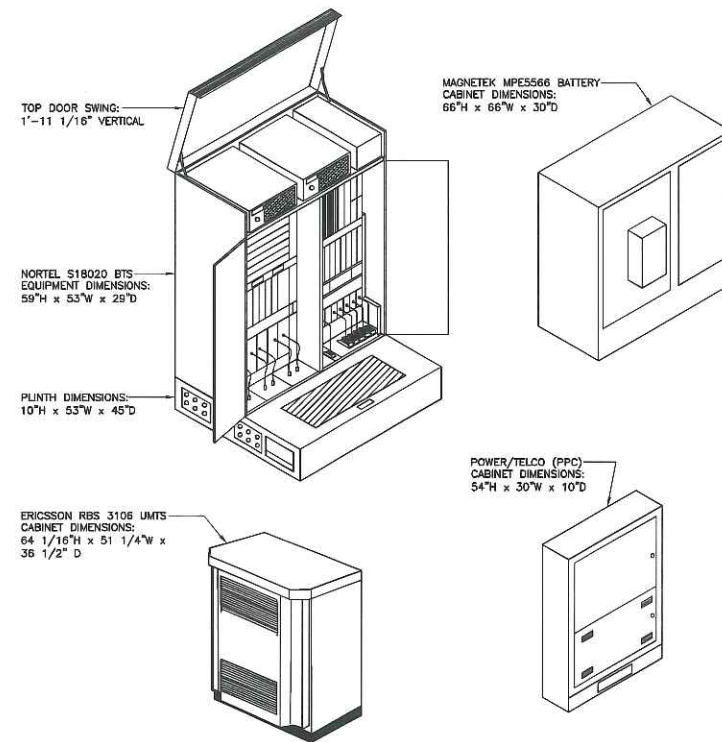
WOOD FENCE COMPONENT FINISH:

ALL WOOD COMPONENTS TO RECEIVE MINIMUM (2) COATS OF VALSPAR PREMIUM PENETRATING OIL DECK & SIDING TONER OR APPROVED EQUAL. FIRST COAT TO BE APPLIED PRIOR TO ASSEMBLY. APPLY COATING PER MANUFACTURER'S WRITTEN RECOMMENDATIONS.

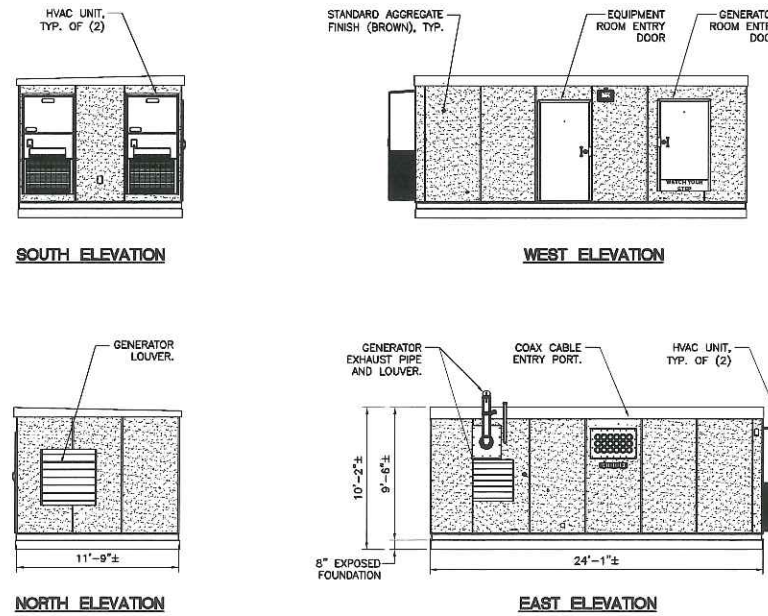
FASTENERS:

WOOD-TO-STEEL: 1 1/2" LRG #8-25 GA. FLUSH HEAD HILTI KWIK-PRO GALV'D SELF-DRILLING SCREWS (2 SCREWS AT EA. RAIL LOCATION, TYP.)

WOOD-TO-WOOD: REFER TO POST MASTER® BY HALCO FOR REQUIRED FASTENERS.



1 T-MOBILE CABINET AND EQUIPMENT DETAILS
C-7 NOT TO SCALE



2 CELLCO PARTNERSHIP SHELTER ELEVATION
C-7 SCALE: 3/16" = 1'-0"

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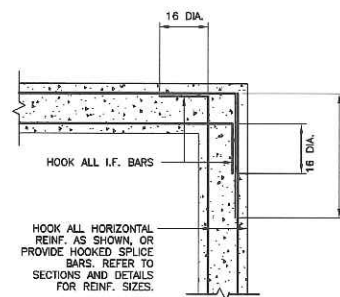
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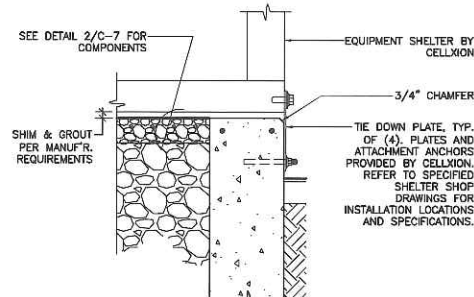
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EQUIPMENT ELEVATIONS

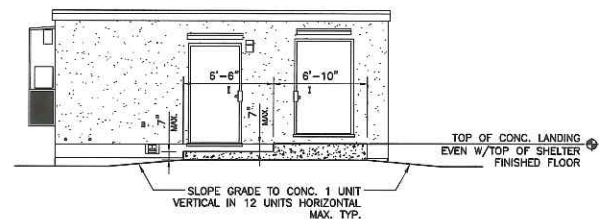
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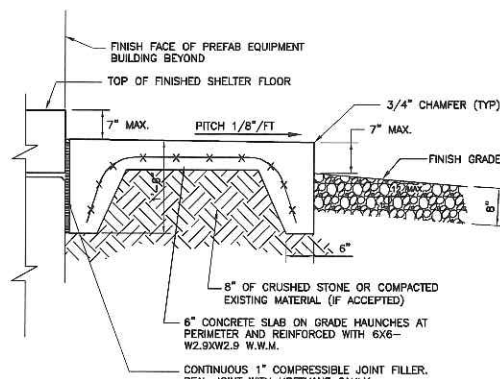
3 PLAN DETAIL
C-7 NOT TO SCALE (CELCO PARTNERSHIP)



4 BUILDING TIE DOWN
C-7 SCALE: 1/2"=1'-0" (CELCO PARTNERSHIP)



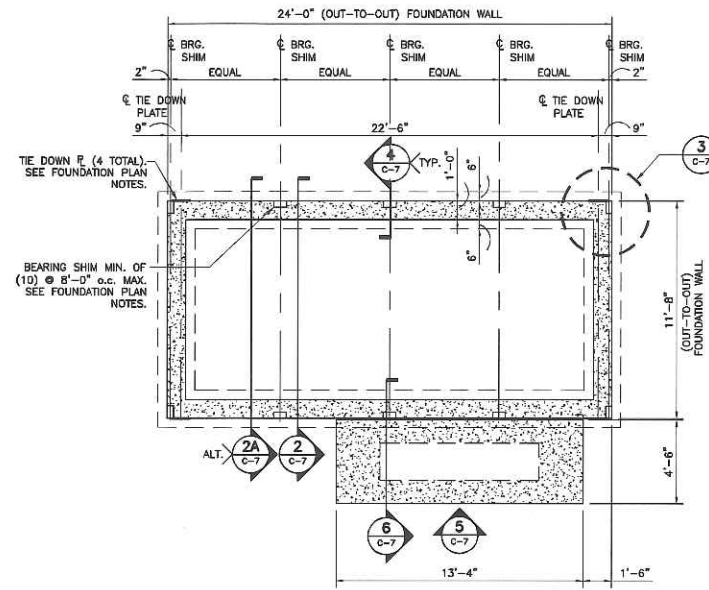
5 ENTRY STOOP DETAIL - ELEVATION
C-7 SCALE: 3/16"=1'-0" (CELCO PARTNERSHIP)



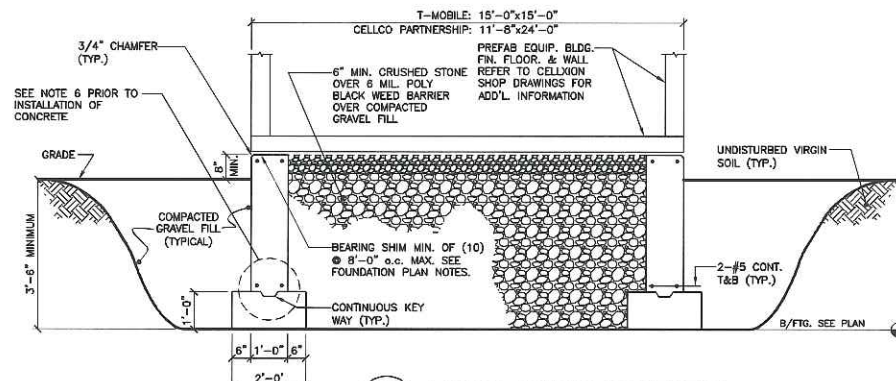
6 ENTRY STOOP DETAIL - SECTION
C-7 SCALE: 3/16"=1'-0" (CELCO PARTNERSHIP)

CONTRACTOR TO VERIFY ALL SHELTER DIMENSIONS, EQUIPMENT DIMENSIONS, EQUIPMENT LOCATIONS AND UTILITY OPENINGS WITH BUILDING SHOP DRAWINGS PRIOR TO COMMENCEMENT OF WORK.

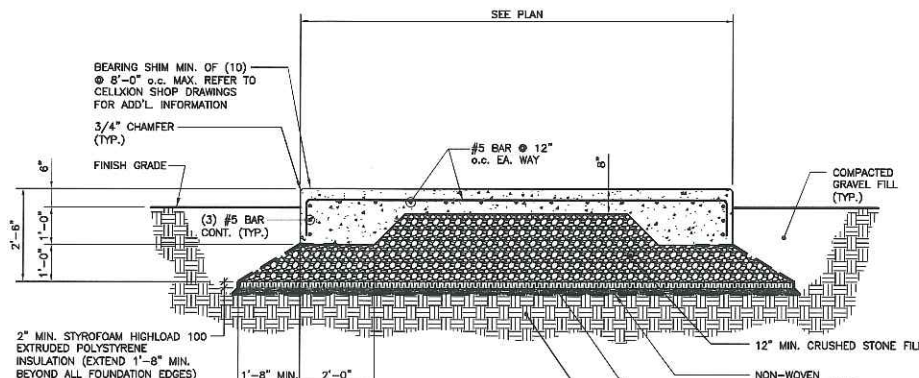
SLAB ON GRADE FOUNDATION DESIGN CONFORMS TO THE REQUIREMENTS OF THE 2003 INTERNATIONAL BUILDING CODE AS MODIFIED BY THE 2005 CONNECTICUT STATE BUILDING CODE SUPPLEMENT SECTION 1805.2.1 'FROST PROTECTION' AND SEI/ASCE STANDARD 32-01 SECTION 7.1 'SLAB ON GRADE CONSTRUCTION'.



1 FOUNDATION PLAN
C-7 SCALE: 1/4"=1'-0" (CELCO PARTNERSHIP)



2 TYPICAL FOUNDATION SECTION
C-7 SCALE: 1/2"=1'-0" (CELCO PARTNERSHIP ALTERNATE)



3 T-MOBILE FOUNDATION PLAN SLAB ON GRADE
C-7 SCALE: 1/2"=1'-0" (ALTERNATE FOR CELCO PARTNERSHIP)

FOUNDATION NOTES:

- IF ANY FIELD CONDITIONS EXIST WHICH PRECLUDE COMPLIANCE WITH THE DRAWINGS, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER AND SHALL NOT PROCEED WITH ANY AFFECTED WORK.
- DIMENSIONS AND DETAILS SHALL BE CHECKED AGAINST THE PRE MANUFACTURED EQUIPMENT BUILDING SHOP DRAWINGS.
- THE CONTRACTOR SHALL VERIFY AND COORDINATE THE SIZE AND LOCATION OF ALL OPENINGS, SLEEVES AND ANCHOR BOLTS AS REQUIRED BY ALL TRADES.
- REFER TO DRAWING T1 FOR ADDITIONAL NOTES AND REQUIREMENTS.

SITE NOTES:

- THE CONTRACTOR SHALL CALL UTILITIES PRIOR TO THE START OF CONSTRUCTION.
- ACTIVE EXISTING UTILITIES, WHERE ENCOUNTERED IN THE WORK, SHALL BE PROTECTED AT ALL TIMES. THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY, PRIOR TO PROCEEDING, SHOULD ANY UNCOVERED EXISTING UTILITY PRECLUDE COMPLETION OF THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- ALL RUBBISH, STUMPS, DEBRIS, STICKS, STONES AND OTHER REFUSE SHALL BE REMOVED OFF SITE AND BE LEGALLY DISPOSED, AT NO ADDITIONAL COST.
- THE SITE SHALL BE GRADED TO CAUSE SURFACE WATER TO FLOW AWAY FROM THE EQUIPMENT AND TOWER AREAS.
- NO FILL OR EMBANKMENT MATERIAL SHALL BE PLACED ON FROZEN GROUND. FROZEN MATERIALS, SNOW OR ICE SHALL NOT BE PLACED IN ANY FILL OR EMBANKMENT.
- THE SUBGRADE SHALL BE COMPACTED AND BROUGHT TO A SMOOTH UNIFORM GRADE PRIOR TO FINISHED SURFACE APPLICATION.
- THE AREAS OF THE COMPOUND DISTURBED BY THE WORK SHALL BE RETURNED TO THEIR ORIGINAL CONDITION.
- CONTRACTOR SHALL MINIMIZE DISTURBANCE TO EXISTING SITE DURING CONSTRUCTION. EROSION CONTROL MEASURES, SHALL BE IN CONFORMANCE WITH THE LOCAL GUIDELINES FOR EROSION AND SEDIMENT CONTROL.
- IF ANY FIELD CONDITIONS EXIST WHICH PRECLUDE COMPLIANCE WITH THE DRAWINGS, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER AND SHALL PROCEED WITH AFFECTED WORK AFTER CONFLICT IS SATISFACTORILY RESOLVED.
- DIMENSIONS AND DETAILS SHALL BE CHECKED AGAINST THE PRE MANUFACTURED EQUIPMENT BUILDING SHOP DRAWINGS.
- THE CONTRACTOR SHALL VERIFY AND COORDINATE THE SIZE AND LOCATION OF ALL OPENINGS, SLEEVES AND ANCHOR BOLTS AS REQUIRED BY ALL TRADES.

COMPACTED GRAVEL FILL:

- COMPACTED GRAVEL FILL SHALL BE FURNISHED AND PLACED AS A FOUNDATION FOR STRUCTURES, WHERE SHOWN ON THE CONTRACT DRAWINGS OR DIRECTED BY THE ENGINEER.
- GRAVEL SHALL CONFORM TO THE REQUIREMENTS OF ARTICLE M.02.02 OF THE CONNECTICUT D.O.T. STANDARD SPECIFICATIONS. ADMIXTURES AND SURFACE PROTECTIVE MATERIALS USED TO PREVENT THE GRAVEL FROM FREEZING MUST MEET THE APPROVAL OF THE ENGINEER. THE LARGEST STONE SIZE SHALL BE 3-1/2 INCHES.
- SAMPLES OF THE MATERIAL TO BE USED SHALL BE DELIVERED TO THE JOB SITE 5 DAYS PRIOR TO ITS INTENDED USE SO IT MAY BE TESTED FOR APPROVAL.
- AFTER ALL EXCAVATION HAS BEEN COMPLETED, GRAVEL SHALL BE DEPOSITED IN LAYERS NOT EXCEEDING EIGHT (8) INCHES IN DEPTH OVER THE AREAS. IN EXCEPTIONAL CASES, THE ENGINEER MAY PERMIT THE FIRST LAYER TO BE THICKER THAN EIGHT (8) INCHES. EACH LAYER SHALL BE LEVELLED OFF BY SUITABLE EQUIPMENT. THE ENTIRE AREA OF EACH LAYER SHALL BE COMPACTED BY USE OF APPROVED VIBRATORY, PNEUMATIC-TIRED OR TREAD-TYPE COMPACTION EQUIPMENT. COMPACTION SHALL BE CONTINUED UNTIL THE DRY DENSITY OVER THE ENTIRE AREA OF EACH LAYER IS NOT LESS THAN 95 PERCENT OF THE MAXIMUM DRY DENSITY ACHIEVED BY ASHTO T-99 METHOD C. THE MOISTURE CONTENT OF THE GRAVEL SHALL NOT VARY BY MORE THAN 3% FROM ITS OPTIMUM MOISTURE CONTENT. NO SUBSEQUENT LAYER SHALL BE DEPOSITED UNTIL THE SPECIFIED COMPACTION IS ACHIEVED FOR THE PREVIOUS LAYER. IF NECESSARY TO OBTAIN THE REQUIRED COMPACTION, WATER SHALL BE ADDED AND GENTLE PUDDLING PERFORMED IF AUTHORIZED. COMPACTED GRAVEL FILL SHALL BE PREVENTED FROM FREEZING BY USE OF APPROVED ADMIXTURES OR BY USE OF APPROVED PROTECTIVE MATERIALS ON THE SURFACE, OR BOTH.

CONCRETE AND REINFORCING STEEL NOTES:

- ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH THE ACI 301, ACI 318.
- ALL CONCRETE SHALL BE NORMAL WEIGHT, 8% AIR ENTRAINED WITH A MAXIMUM SLUMP OF 4", AND SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI AT 28 DAYS, UNLESS NOTED OTHERWISE ON THE DRAWINGS.
- REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 60, DEFORMED BARS. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185 WELDED STEEL WIRE FABRIC. SPLICES SHALL BE CLASS "B" AND ALL HOOKS SHALL BE STANDARD UNLESS OTHERWISE INDICATED.
- THE FOLLOWING MINIMUM CONCRETE COVER SHALL BE PROVIDED FOR REINFORCING STEEL UNLESS OTHERWISE NOTED ON THE DRAWINGS:
 CONCRETE CAST AGAINST EARTH.....3 IN.
 CONCRETE EXPOSED TO EARTH OR WEATHER:
 #5 AND LARGER.....2 IN.
 #5 AND SMALLER & WWF.....1 1/2 IN.
 CONCRETE NOT EXPOSED TO EARTH OR WEATHER OR NOT CAST AGAINST THE GROUND:
 SLAB AND WALL.....3/4 IN.
 BEAMS AND COLUMNS.....1 1/2 IN.
- ALL EXPOSED EDGES OF CONCRETE TO RECEIVE A 3/4" CHAMFER IN ACCORDANCE WITH ACI 301 SECTION 4.2.4.
- CONCRETE EQUIPMENT PAD TO RECEIVE A BRUSHED FINISH.
- INSTALLATION OF CONCRETE EXPANSION/WEDGE ANCHOR, SHALL BE PER MANUFACTURER'S WRITTEN RECOMMENDED PROCEDURE. THE ANCHOR BOLT, DOWEL OR ROD SHALL CONFORM TO MANUFACTURER'S RECOMMENDATION FOR EMBEDMENT DEPTH OR AS SHOWN ON THE DRAWINGS. NO REBAR SHALL BE CUT DURING DRILLING WITHOUT PRIOR REVIEW BY THE ENGINEER.

DESIGNED BY: CFC
DRAWN BY: DEB
CHK'D BY: CFC

NO.	DATE	BY	DESCRIPTION
1	09/20/12	CFC	DAM - DESIG FOR CLIENT REVIEW
0	07/28/12	CFC	DAM - DESIG FOR CLIENT REVIEW
			DATE
			REV.
			DATE
			REV.
			DATE
			REV.

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WIRELESS COMMUNICATIONS FACILITY
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DATE: 07/20/12
SCALE: AS NOTED
JOB NO. 09017.0014

EQUIPMENT SLAB/
FOUNDATION PLANS,
DETAILS AND NOTES

C-8
Sheet No. 10 of 10