ROBINSON & COLE LLP

KENNETH C. BALDWIN

280 Trumbull Street
Hartford, CT 06103-3597
Main (860) 275-8200
Fax (860) 275-8299
kbaldwin@rc.com
Direct (860) 275-8345

Also admitted in Massachusetts

September 28, 2012

RECEIVED
OCT - 2 2012
CONNECTICUT
SITING COUNCIL

Robert Stein
Chairman
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

Re: **Docket No. 430 – Application Of Cellco Partnership d/b/a Verizon Wireless For A Certificate Of Environmental Compatibility And Public Need For The Construction, Maintenance And Operation Of A Wireless Telecommunications Facility At 77 Milford Street, Burlington, Connecticut**

Dear Chairman Stein:

Enclosed please find fifteen (15) copies of a final recorded Agreement between the Connecticut Department of Public Health (DPH) and the New Britain Water Department regarding certain use restrictions on the southerly portion of the property at 77 Milford Street. Plans referenced in the Agreement are those submitted as part of the Cellco Partnership d/b/a Verizon Wireless ("Cellco") telecommunications facility application. Cellco will seek to have this Agreement admitted as a full exhibit in this proceeding.

Sincerely,

Kenneth C. Baldwin

KCB/kmd
Enclosure
Copy to:
Parties and Intervenors of Record
Sandy M. Carter

Law Offices
BOSTON
PROVIDENCE
HARTFORD
NEW LONDON
STAMFORD
WHITE PLAINS
NEW YORK CITY
ALBANY
SARASOTA
www.rc.com

11900238-v1

STATE OF CONNECTICUT

DEPARTMENT OF PUBLIC HEALTH

Jewel Mullen, M.D., M.P.H., M.P.A.
Commissioner

Dannel P. Malloy
Governor

Nancy Wyman
Lt. Governor

Drinking Water Section

AGREEMENT

1785

This agreement is made and entered into by and between the Department of Public Health (DPH) and the New Britain Water Department (NBWD) and succeeds the agreement filed in Volume 179, pages 572-573 of the land records of the Town of Burlington on June 30, 1999.

The following conditions are herein accepted by the NBWD:

1. In order to protect the purity and adequacy of the public water supply, the following restrictive covenants are attached to the property located at 77 Milford Street, Burlington:
   a. No pesticides, herbicides or hazardous chemicals shall be stored or used on the premises.
   b. Liquid fuel storage tanks shall be prohibited on the premises, except one 1000-gallon propane fuel storage tank on a five-foot by 18-foot concrete pad may be allowed.
   c. No subsurface sanitary waste disposal system shall be allowed on the premises.
   d. Livestock shall be prohibited.
   e. The premises shall not be subdivided.
   f. The premises shall not be improved with buildings, except one prefabricated 12-foot by 30-foot shelter and one 12-foot by 24-foot shelter may be allowed.
   g. Any actual or potential sources of contamination that are identified on the premises shall be eliminated.
2. All successors in title to the premises shall be bound by the same restrictive covenants.
3. Any violations of restrictions imposed on this parcel shall be brought to the attention of the Department of Public Health, which may act pursuant to Connecticut General Statutes Section 25-34. In addition, the NBWD shall seek enforcement of these restrictions through appropriate legal means, as necessary, in order to protect the purity and adequacy of the public water supply.
4. The NBWD shall provide proof to the department that this modification has been filed on the land records of the Town of Burlington within ten days of filing.

I CERTIFY THIS TO BE A TRUE COPY OF A DOCUMENT ON FILE IN THE TOWN CLERK'S OFFICE IN BURLINGTON, CT. DATED THIS

27th DAY OF September 2012

Christa L. Ronalter
ASSISTANT TOWN CLERK

Keeping Connecticut Healthy
DPH
Connecticut Department of Public Health

Phone: (860) 509-7333 • Fax: (860) 509-7359 • VP: (860) 899-1611
410 Capitol Avenue, MS#51WAT, P.O. Box 340308
Hartford, Connecticut 06134-0308
www.ct.gov/dph

Affirmative Action/Equal Opportunity Employer

Cellco Partnership

d.b.a. verizon wireless

WIRELESS COMMUNICATIONS FACILITY

BURLINGTON SOUTH
77 MILFORD STREET
BURLINGTON, CT 06013

SITE DIRECTIONS

FROM: 99 EAST RIVER DRIVE, EAST HARTFORD, CONNECTICUT TO: 77 MILFORD STREET, BURLINGTON, CONNECTICUT

1.	Start out going EAST on EAST RIVER DRIVE toward DAVLIN STREET	0.2 MI
2.	Turn LEFT to stay on EAST RIVER DRIVE	0.1 MI
3.	Turn LEFT onto CONNECTICUT BLVD/US-44.	0.2 MI
4.	Turn LEFT onto ramp.	0.1 MI
5.	Merge onto I-84 W/US-6 W.	8.6 MI
6.	Merge onto US-6 W via EXIT 38 toward BRISTOL	7.3 MI
7.	Turn RIGHT onto MIX STREET.	1.6 MI
8.	MIX STREET becomes MAPLE AVENUE.	1.0 MI
9.	Turn RIGHT onto BURLINGTON AVENUE/CT-69. Continue to follow CT-69.	4.7 MI
10.	End at 77 MILFORD STREET, on the left.	6.0 MI

GENERAL NOTES

1. PROPOSED ANTENNA LOCATIONS AND HEIGHTS PROVIDED BY CELLCO PARTNERSHIP.

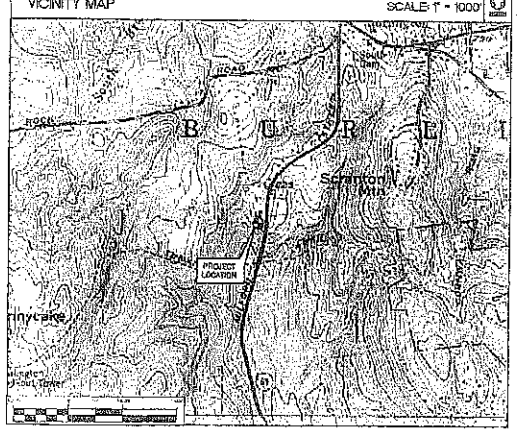
SITE INFORMATION

THE SCOPE OF WORK SHALL INCLUDE:

1. THE CONSTRUCTION OF A ±2,625 SQUARE FOOT FENCED WIRELESS COMMUNICATIONS COMPOUND WITHIN A 100'X100' LEASE AREA.
2. A TOTAL OF UP TO EIGHTEEN (18) DIRECTIONAL PANEL ANTENNAS ARE PROPOSED TO BE MOUNTED AT A CENTERLINE ELEVATION OF 110'-0"± AGL ON A 110'-0"± PROPOSED STEEL MONOPOLE TOWER.
3. TOTAL ACCESS DRIVE LENGTH IS 825'± OFF OF MILFORD STREET. APPROXIMATELY 320'± OF THE EXISTING DRIVE WILL BE IMPROVED AS AN 18' WIDE REINFORCED GRAVEL DRIVEWAY.
4. POWER AND TELCO UTILITIES SHALL BE ROUTED UNDERGROUND FROM A PROPOSED UTILITY POLE WITHIN THE MILFORD STREET R.O.W. TO THE PROPOSED UTILITY BACKBOARD LOCATED ADJACENT TO THE PROPOSED FENCED COMPOUND. FINAL POLE LOCATION AND UTILITY ROUTING TO WILL BE VERIFIED/DETERMINED BY LOCAL UTILITY COMPANIES. UTILITIES WILL BE ROUTED UNDERGROUND FROM UTILITY BACKBOARD TO THE PROPOSED NOMINAL 12'X30' WIRELESS EQUIPMENT SHELTER LOCATED WITHIN FENCED COMPOUND AREA.
5. FINAL DESIGN FOR TOWER AND ANTENNA MOUNTS SHALL BE INCLUDED IN THE CONSTRUCTION PLANS.
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.

VICINITY MAP

SCALE: 1" = 1000'



PROJECT SUMMARY

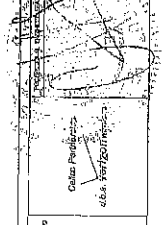
SITE NAME:	BURLINGTON SOUTH
SITE ADDRESS:	77 MILFORD STREET BURLINGTON, CT 06013
PROPERTY OWNER:	B & R CORPORATION 715 BOGUE ROAD HARWINTON, CT 06791
LESSEE/TENANT:	CELLCO PARTNERSHIP d.b.a. VERIZON WIRELESS 99 EAST RIVER DRIVE EAST HARTFORD, CT 06108
CONTACT PERSON:	SANDY CARTER CELLCO PARTNERSHIP (860) 003-8210
ENGINEER:	CENTEK ENGINEERING 63-2 NORTH BRANFORD ROAD BRANFORD, CT 06405 (203) 488-0580
TOWER COORDINATES:	LATITUDE 41°-45'-35.875" LONGITUDE 72°-56'-35.260" EXISTING GROUND ELEVATION: 815.4'± A.M.S.L. PROPOSED GROUND ELEVATION: 813.7' ± A.M.S.L. COORDINATES AND GROUND ELEVATION REFERENCED FROM FM. 1-A SURVEY CERTIFICATION PREPARED BY MASTRONI COUCH AND ASSOCIATES L.L.C. DATED MAY 11, 2012.

SHEET INDEX

SHT. NO.	DESCRIPTION	REV. NO.
T-1	TITLE SHEET	5
C-1.0	SITE PLAN / ABUTTERS MAP	5
C-1.1	PARTIAL SITE PLAN	5
C-2	COMPOUND PLAN AND ELEVATION	5
C-3	SITE DETAILS AND SHELTER ELEVATIONS	5
C-4	SITE DETAILS	5
C-5	SITE DETAILS AND NOTES	5
C-6	SHELTER FOUNDATION PLAN, DETAILS AND NOTES	5

REV.	DATE	DRAWN BY	CHK'D BY	DESCRIPTION
1	08/07/12	DJD	GFC	REVISED FOR APPLICATION PERMIT
2	12/06/12	BMD	GFC	ISSUED FOR LAND USE PERMIT
3	12/07/12	BMD	GFC	ISSUED FOR LAND USE PERMIT - REVISED SHEETS
4	06/17/13	BMD	GFC	ISSUED FOR LAND USE MODIFICATION PERMIT - DRAWN REVISED
5	08/05/13	BMD	GFC	ISSUED FOR LAND USE MODIFICATION PERMIT - DRAWN REVISED
6	09/05/13	BMD	GFC	ISSUED FOR LAND USE MODIFICATION PERMIT - NATIONAL MONUMENT

DESIGNED BY: GFC
DRAWN BY: MBD
CHK'D BY: GFC



CENTEK engineering
Corporate Headquarters
63-2 North Branford Road
Branford, CT 06405
203-488-0580
www.centekeng.com

Cellco Partnership d/b/a Verizon Wireless
WIRELESS COMMUNICATIONS FACILITY
BURLINGTON SOUTH
77 MILFORD STREET
BURLINGTON, CT 06013

DATE: 05/17/13
SCALE: AS NOTED
JOB NO.: 60941

TITLE SHEET

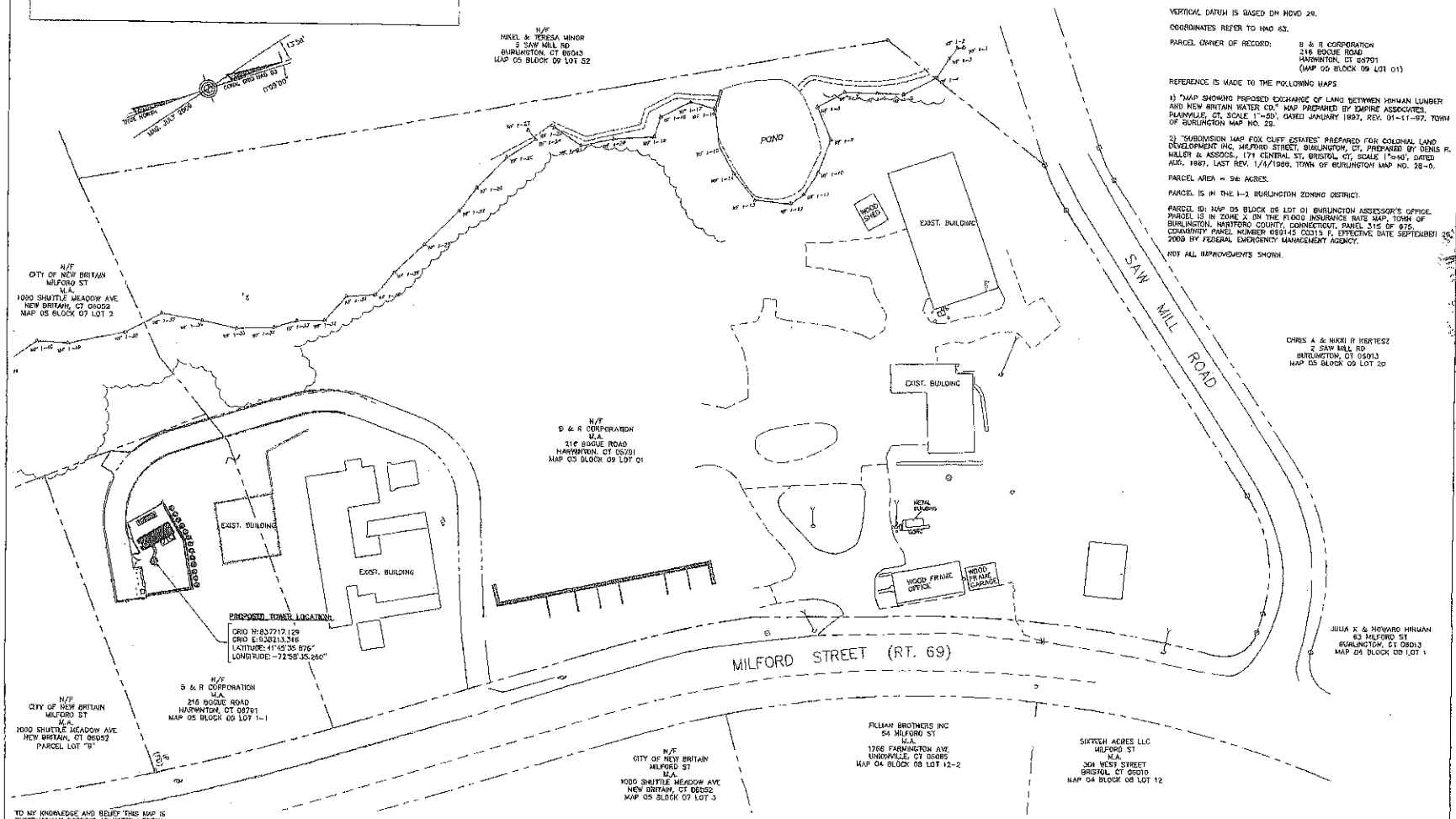
T-1

Sheet No. 1 of 8

15 SEP 2013 PM 1:53

Legend

PROPERTY LINE		ANGLE POINT IN PROPERTY LINE	
EASEMENT LINE (PROPOSED)		IRON PIN / IRON PIPE FOUND	
CONTOUR LINE	150	CONCRETE MONUMENT / CHD FOUND	
GRADING LINE	150	UTILITY POLE	
PROPOSED COMPOUND FENCE/ LEASE LINE		WETLAND FLAG	WF A
SPOT ELEVATIONS	x1010	DECIDUOUS TREE	
SILTATION FENCE/HAYBALE FENCE		EVERGREEN TREE	



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 #16833 DATE

1 C-1.0 SITE PLAN / ABUTTERS MAP
SCALE: 1" = 40'

GRAPHIC SCALE
(IN FEET)
1 inch = 40 ft.

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. THE TOPOGRAPHIC SURVEY PORTION OF THIS PLAN CONFORMS TO A VERTICAL ACCURACY OF CLASS T-2 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.

VERTICAL DATUM IS BASED ON NGVD 29.

COORDINATES REFER TO NAD 83.

PARCEL OWNER OF RECORD: B & R CORPORATION
216 BOGUE ROAD
HARWINTON, CT 06791
(MAP 05 BLOCK 09 LOT 01)

REFERENCE IS MADE TO THE FOLLOWING MAPS

1) "MAP SHOWING PROPOSED EXCHANGE OF LAND BETWEEN HINMAN LUMBER AND NEW BRITAIN WATER CO." MAP PREPARED BY EMPIRE ASSOCIATES, PLAINVILLE, CT, SCALE 1"=50', DATED JANUARY 1997, REV. 01-11-97, TOWN OF BURLINGTON MAP NO. 28.

2) "SUBDIVISION MAP FOX CLIFF ESTATES" PREPARED FOR COLONIAL LAND DEVELOPMENT INC. MILFORD STREET, BURLINGTON, CT, PREPARED BY: DENIS R. MALLOY & ASSOCS., 171 CENTRAL ST, BRISTOL, CT, SCALE 1"=40', DATED AUG. 1987, LAST REV. 1/4/1989, TOWN OF BURLINGTON MAP NO. 28-0.

PARCEL AREA = 9± ACRES.

PARCEL IS IN THE I-2 BURLINGTON ZONING DISTRICT.

PARCEL ID: MAP 05 BLOCK 09 LOT 01 BURLINGTON ASSESSOR'S OFFICE.
PARCEL IS IN ZONE X ON THE FLOOD INSURANCE RATE MAP, TOWN OF BURLINGTON, HARTFORD COUNTY, CONNECTICUT, PANEL 315 OF 875, COMMUNITY PANEL NUMBER 090145 0031S F, EFFECTIVE DATE SEPTEMBER 26, 2008 BY FEDERAL EMERGENCY MANAGEMENT AGENCY.

NOT ALL IMPROVEMENTS SHOWN.

DESIGNED BY:	GMD
DRAWN BY:	GMD
CHKD BY:	CPC

REV	DATE	DRAWN BY	CHKD BY	DESCRIPTION
1	06/06/11	GMD	CPC	REVISED PER SPR LAND PERMIT
2	12/16/10	GMD	CPC	ISSUED FOR SPR LAND PERMIT
3	09/29/11	GMD	CPC	ISSUED FOR LAND USE MODIFICATION PERMIT - REVISED SHEETS
4	09/29/11	GMD	CPC	ISSUED FOR LAND USE MODIFICATION PERMIT - SITE PLAN
5	09/29/11	GMD	CPC	ISSUED FOR LAND USE MODIFICATION PERMIT - SITE PLAN REVIEW
6	10/17/11	GMD	CPC	ISSUED FOR LAND USE MODIFICATION PERMIT - INTERNAL REVIEW

Cellco Partnership d/b/a Verizon Wireless

CENTEK engineering
Centered on Solutions
(203) 488-0580
(203) 488-8587 fax
63-2 North Branford Road
Branford, CT 06405
www.CentekEng.com

Cellco Partnership d/b/a Verizon Wireless
WIRELESS COMMUNICATIONS FACILITY
BURLINGTON SOUTH
77 MILFORD STREET
BURLINGTON, CT 06013

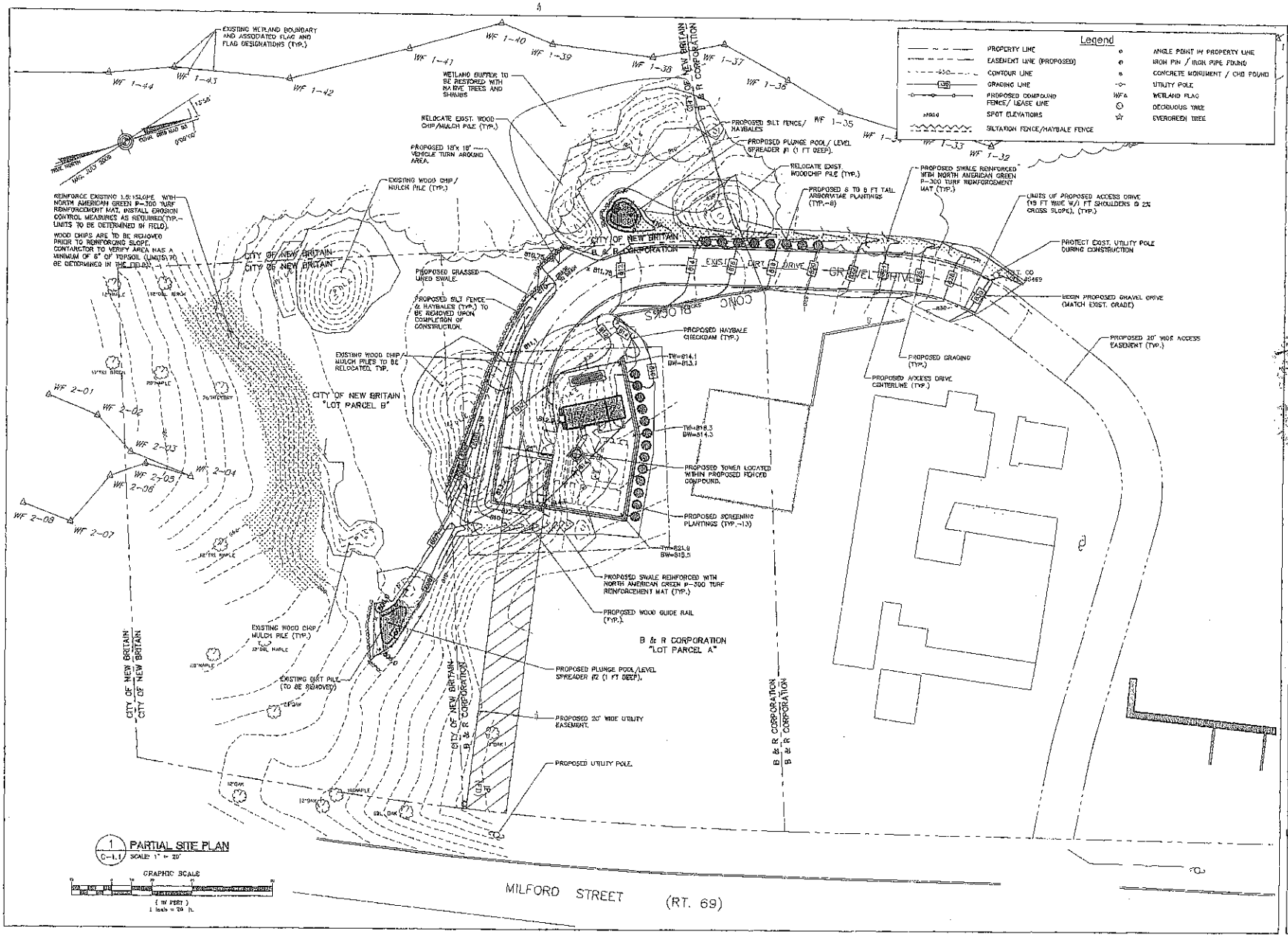
DATE: 06/17/11
SCALE: AS NOTED
JOB NO.: 08041

SITE PLAN / ABUTTERS MAP

C-1.0

Sheet No. 2 of 2

RECEIVED 2011 JUN 17 P 3:55



DESIGNED BY: DMB
DRAWN BY: DMB
CHECK BY: CPC

1	06/17/11	DMB	CPC	REVISED PER BPH LAND PERMIT
2	05/27/11	DMB	CPC	REVISED PER DPS LAND PERMIT
3	05/13/11	DMB	CPC	REVISED PER BPH LAND PERMIT - Comment Review
4	04/15/11	DMB	CPC	REVISED PER LAND USE MODIFICATION PERMIT - INTERNAL REVIEW
5	03/31/11	DMB	CPC	REVISED PER LAND USE MODIFICATION PERMIT - SITEWORK REVIEW
6	03/07/11	DMB	CPC	ISSUED FOR LAND USE MODIFICATION PERMIT - INTERNAL REVIEW

Cellco Partnership d.b.a. Verizon Wireless

CENTEK engineering
Centered on Solutions
203-488-0580
FAX 203-488-8587
63-2 North Branford Road
Branford, CT 06405
www.centekeng.com

Cellco Partnership d.b.a. Verizon Wireless
WIRELESS COMMUNICATIONS FACILITY
BURLINGTON SOUTH
77 MILFORD STREET
BURLINGTON, CT 06013

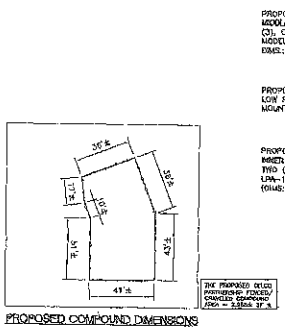
DATE: 06/17/11
SCALE: AS NOTED
WO# NO. 09841

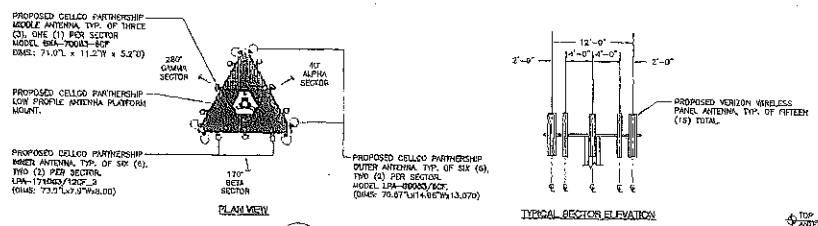
PARTIAL SITE PLAN

C-1.1

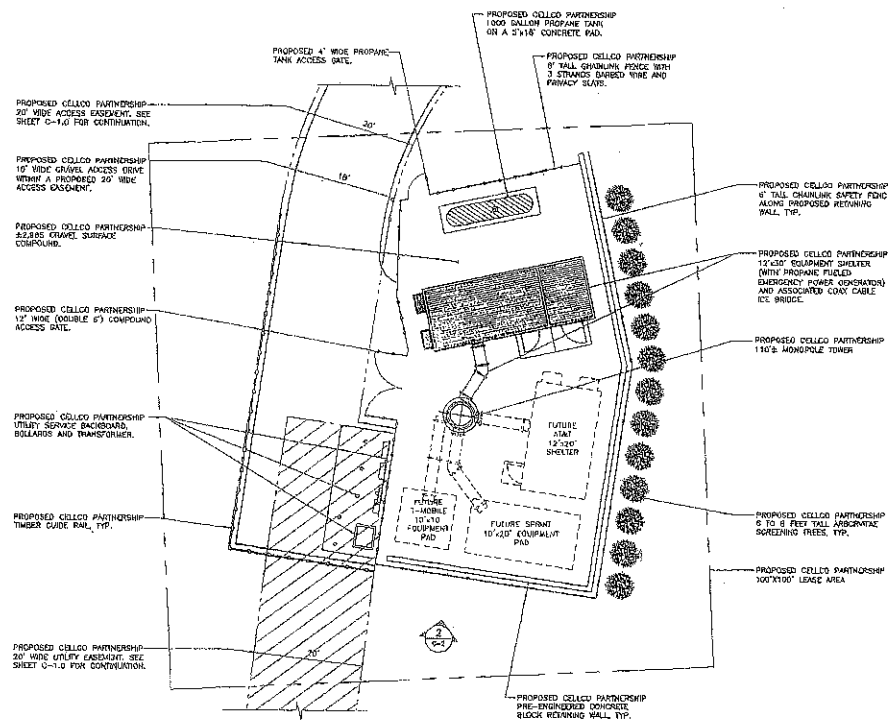
Sheet No. 2 of 8

WO# 09841



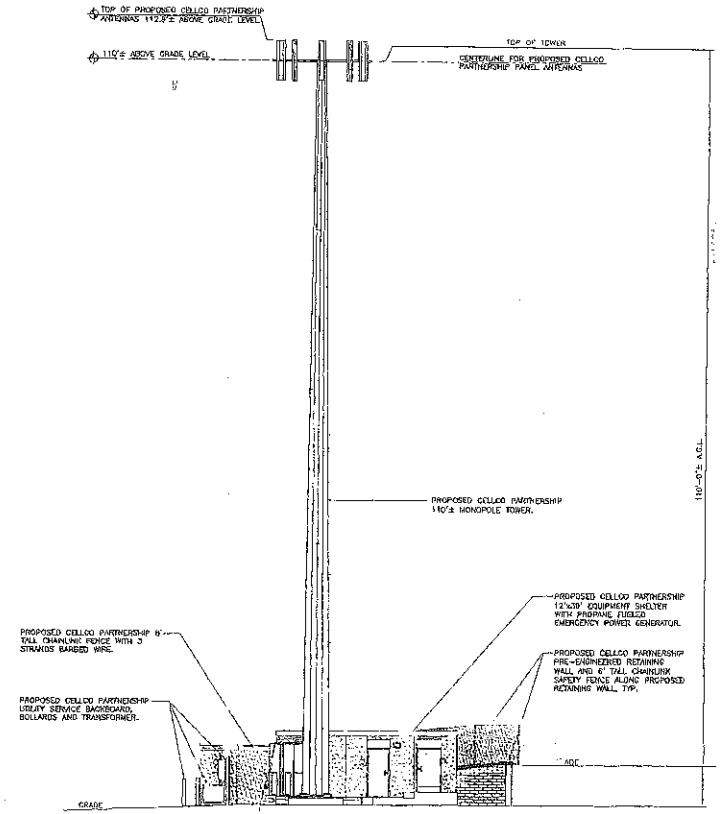


3 / C-2 ANTENNA MOUNTING CONFIGURATION
NOT TO SCALE



1 / C-2 COMPOUND PLAN
SCALE: 1" = 10'-0"

GRAPHIC SCALE
(IN FEET)
1 inch = 10 ft.

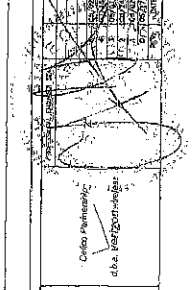


2 / C-2 EAST ELEVATION
SCALE: 1/8" = 1'-0"

GRAPHIC SCALE
(IN FEET)
1 inch = 8 ft.

DESIGNED BY:	CPC
DRAWN BY:	HMW
CHECK BY:	DMB

REVISIONS				
1	05/12/11	DMB	CPC	ISSUED FOR CLIENT REVIEW
2	05/13/11	DMB	CPC	ISSUED FOR ENV. LAND REVIEW
3	06/27/11	DMB	CPC	ISSUED FOR LAND USE MODIFICATION REVIEW - ROUNDED SHELTER
4	08/01/11	DMB	CPC	ISSUED FOR LAND USE MODIFICATION REVIEW - OWNER REVIEW
5	08/17/11	DMB	CPC	ISSUED FOR LAND USE MODIFICATION REVIEW - OWNER REVIEW
6	09/07/11	DMB	CPC	ISSUED FOR LAND USE MODIFICATION REVIEW - INTERNAL REVIEW



Cellco Partnership
d.b.a. Verizon Wireless

CENTEK engineering
CONSULTING ENGINEERS
203-488-0580
203-488-8587 fax
63-2 North Branford Road
Branford, CT 06405
www.CentekEng.com

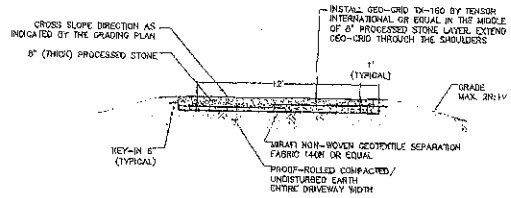
Cellco Partnership d/b/a Verizon Wireless
WIRELESS COMMUNICATIONS FACILITY
BURLINGTON SOUTH
77 MILFORD STREET
BURLINGTON, CT 06013

DATE:	05/12/11
SCALE:	AS NOTED
JOB NO.	09041

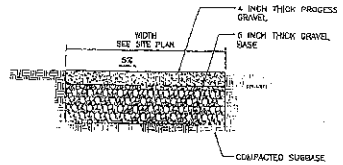
COMPOUND PLAN AND ELEVATION

C-2

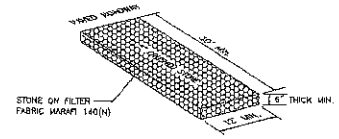
Sheet No. 4 of 8



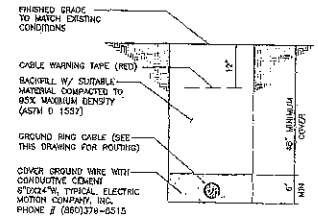
1 C-3 REINFORCED PROCESSED STONE ACCESS DRIVE W/ NON-WOVEN GEOTEXTILE SEPARATION FABRIC
NOT TO SCALE



2 C-3 GRAVEL PARKING SURFACE
NOT TO SCALE

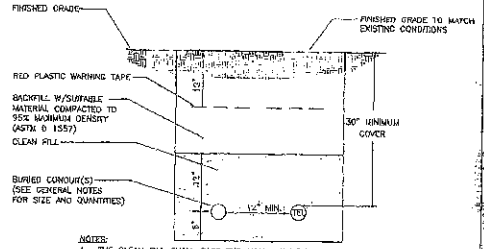


3 C-3 CONSTRUCTION ENTRANCE
NOT TO SCALE



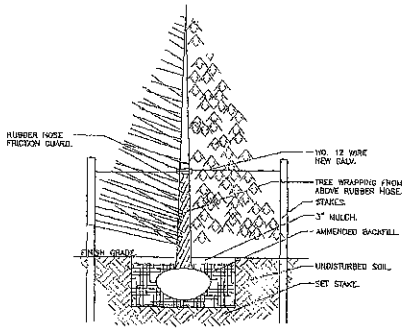
NOTES:
1. BACK FILL SHALL NOT CONTAIN ASHES, CINDERS, SHELLS, FROZEN MATERIAL, LOOSE DEBRIS OR STONES LARGER THAN 2" IN MAXIMUM DIMENSION.
2. WHERE EXISTING UTILITIES ARE LIKELY TO BE ENCOUNTERED, CONTRACTOR SHALL HAND DIG AND PROTECT EXISTING UTILITIES.

4 C-3 TYPICAL BURIAL GROUND CABLE DETAIL
NOT TO SCALE



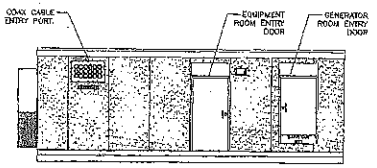
NOTES:
1. THE CLEAN FILL SHALL PASS THROUGH A 3/8" MESH SCREEN AND SHALL NOT CONTAIN SHARP STONES. OTHER BACKFILL SHALL NOT CONTAIN ASHES, CINDERS, SHELLS, FROZEN MATERIAL, LOOSE DEBRIS OR STONES LARGER THAN 2" IN MAXIMUM DIMENSION.
2. WHERE EXISTING UTILITIES ARE LIKELY TO BE ENCOUNTERED, CONTRACTOR SHALL HAND DIG AND PROTECT EXISTING UTILITIES.

5 C-3 TYPICAL ELECTRICAL/TEL TRENCH DETAIL
NOT TO SCALE

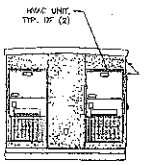


TREE & SHRUB PLANTING SPECIFICATIONS:
1. GUY WIRES (NO.12 NEW GALV.) SHALL BE REQUIRED FOR ALL TREES 3 GAL AND LARGER.
2. SOIL MIX SHALL CONSIST OF: 3 PARTS TOP SOIL, 3 PART PEAT MOSS, 10 ONE PART COMPOSTED COW MANURE, AND 1 OZ. SOIL MOIST PER EVERY 12 IN. OF LINEAR DIA. OF ROOT BALL. COVER WITH LANDSCAPE FABRIC AND A MINIMUM OF 3" CEDAR MULCH.
3. TREES 6" AND OVER SHALL BE STAKED WITH 2 OAK STAKES 2" X 2" X 8" AND GUY WIRE TO STAKES.
4. ALL TREES AND SHRUBS MUST MEET OR EXCEED STANDARDS SET BY THE NATIONAL ASSOCIATION OF NURSERYMEN, YEAR OF LATEST REVISION.

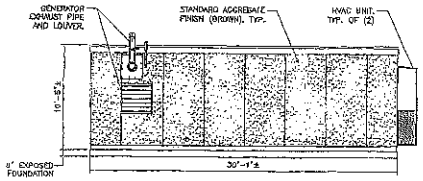
6 C-3 TYPICAL TREE PLANTING DETAIL
NOT TO SCALE



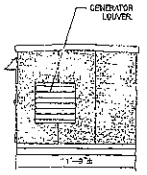
7 C-3 NORTH SHELTER ELEVATION
SCALE: 3/16" = 1'-0"



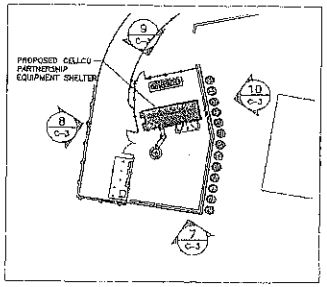
8 C-3 EAST SHELTER ELEVATION
SCALE: 3/16" = 1'-0"



9 C-3 SOUTH SHELTER ELEVATION
SCALE: 3/16" = 1'-0"



10 C-3 WEST SHELTER ELEVATION
SCALE: 3/16" = 1'-0"



SHELTER ELEVATION KEY PLAN
NOT TO SCALE
NORTH

1	06/27/11	GMD	CPC	REVISED FOR BOH, LNDD PERMIT
2	05/27/11	GMD	CPC	ISSUED FOR BOH, LNDD PERMIT
3	05/27/11	GMD	CPC	ISSUED FOR VARI USE PERMIT
4	05/27/11	GMD	CPC	ISSUED FOR LNDD USE ADJUDICATION PERMIT - CHANGE REVIEW
5	12/14/11	GMD	CPC	ISSUED FOR LNDD USE PERMIT - CHANGE REVIEW
6	12/14/11	GMD	CPC	ISSUED FOR LNDD USE PERMIT - MATERIAL REVISION
7	06/27/11	GMD	CPC	ISSUED FOR LNDD USE SUBMISSION PERMIT - MATERIAL REVISION
No.	DATE	NAME	CHK'D BY	DESCRIPTION

DESIGNED BY: CPC
DRAWN BY: KMF
CHK'D BY: RMB

Cellco Partnership d/b/a Verizon Wireless

CENTEK engineering
Contractor Editor
2000 Midway
P.O. Box 879
Wallingford, CT 06492
203-265-6860
fax 203-265-8523
www.centekengineering.com

PROJECT DESCRIPTION: BURLINGTON SOUTH
77 MILFORD STREET
BURLINGTON, CT 06013

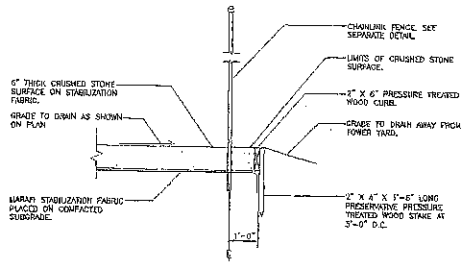
DATE: 06/27/11
SCALE: AS NOTED
JOB NO. 00041

SITE DETAILS AND SHELTER ELEVATIONS

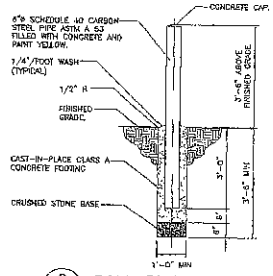
C-3

Sheet No. 3 of 8

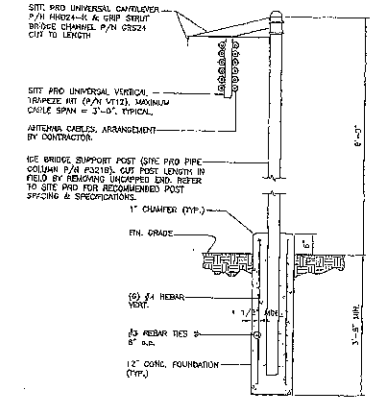
CONFIDENTIAL



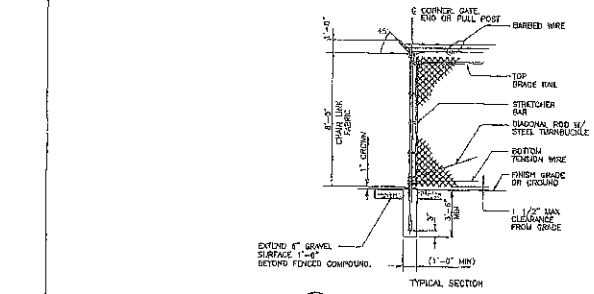
1 C-4 COMPOUND SURFACING DETAIL
NOT TO SCALE



2 C-4 BOLLARD DETAIL
NOT TO SCALE



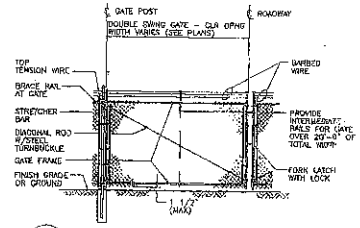
3 C-4 ICE BRIDGE DETAIL
NOT TO SCALE



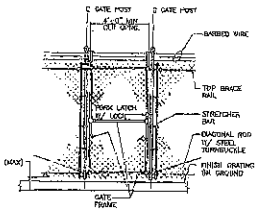
4 C-4 WOVEN WIRE FENCE DETAIL
NOT TO SCALE

WOVEN WIRE FENCE NOTES

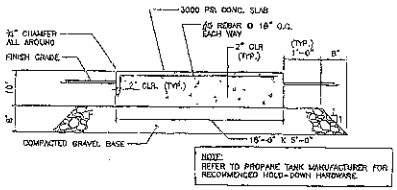
1. GATE POST, CORNER, TERMINAL OR PULL POST 2 1/2" ø SCHEDULE 40 FOR GATE WIDTHS UP THRU 6 FEET OR 12 FEET FOR DOUBLE SWING GATE PER ASTM-F1083.
2. LINE POST: 2" ø SCHEDULE 40 PIPE PER ASTM-F1083.
3. GATE FRAME: 1 1/2" ø SCHEDULE 40 PIPE PER ASTM-F1083.
4. TOP RAIL & BRACE RAIL: 1 1/2" ø SCHEDULE 40 PIPE PER ASTM-F1083.
5. FABRIC: 12 GA. CORE WIRE SIZE 2" MESH, CONFORMING TO ASTM-A392.
6. TIE WIRE: MINIMUM 11 GA. GALVANIZED STEEL AT POSTS AND RAILS A SINGLE WRAP OF FABRIC TIE AND AT TENSION WIRE BY HOG RINGS SPACED MAX 24" INTERVALS.
7. TENSION WIRE: 7 GA. GALVANIZED STEEL.
8. BARBED WIRE: DOUBLE STRAND 12-1/2" D.S. TWISTED WIRE TO MATCH W/FABRIC 14 GA. 4 PT. BARBS SPACED ON APPROXIMATELY 5" CENTERS.
9. GATE LATCH: DROP DOWN LOCKABLE FORK LATCH AND LOCK, HEAVY duty FOR ALL SIZES IN A GNON STA.
10. LOCAL ORDINANCE OF BARBED WIRE POWER REQUIREMENT SHALL BE COMPLIED WITH IF REQUIRED.
11. HEIGHT = 8' VERTICAL + 1' BARBED WIRE VERTICAL DIMENSION.
12. ALL FENCE AND GATE SECTIONS TO RECEIVE BLACK VINYL PRIVACY SLATS.



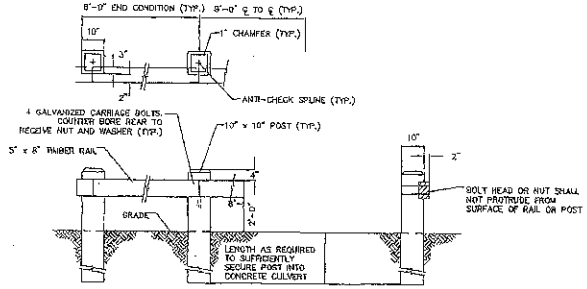
4A C-4 WOVEN WIRE SWING GATE-DOUBLE
NOT TO SCALE



4B C-4 WOVEN WIRE SINGLE SWING GATE
NOT TO SCALE

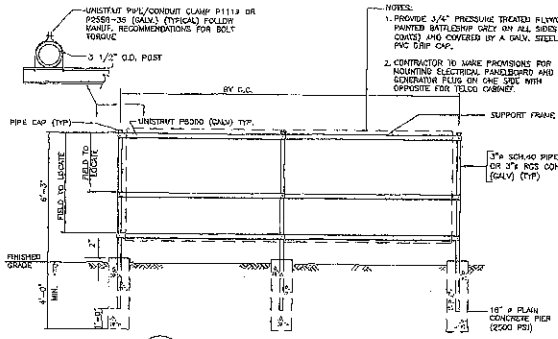


5 C-4 PROPANE TANK PAD DETAIL
NOT TO SCALE



NOTE:
1. ALL TIMBER TO BE PRESSURE TREATED

6 C-4 TIMBER GUIDE RAIL
NOT TO SCALE



7 C-4 UTILITY SUPPORT FRAME (TYP)
NOT TO SCALE

DESIGNED BY:			GFC
DRAWN BY:			JWW
CHK'D BY:			DMB
1	03/22/11	GFC	REVISED FOR BPL LAND PERMIT
2	04/07/11	GFC	REVISED PER BPL LAND PERMIT
3	07/07/11	BWW	REVISED FOR CITY OF BURLINGTON PERMIT - ISSUED FOR 30%
4	10/25/11	DMB	REVISED FOR LAND USE MODIFICATION PERMIT - WAIVER REVIEW
5	10/25/11	GFC	REVISED FOR LAND USE MODIFICATION PERMIT - OWNER REVIEW
6	10/25/11	BWW	REVISED FOR LAND USE MODIFICATION PERMIT - OWNER REVIEW
7	12/05/11	GFC	REVISED FOR LAND USE MODIFICATION PERMIT - INTERNAL REVIEW
REV.	DATE	DRAWN BY	REVISED BY DESCRIPTION

Cellco Partnership d.b.a. Verizon Wireless

CENTEK engineering
Centered on Solutions
(203) 488-0580
63-2 North Branford Road
P.O. Box 627
Branford, CT 06405
www.CentekEng.com

Cellco Partnership d.b.a. Verizon Wireless
WIRELESS COMMUNICATIONS FACILITY
BURLINGTON SOUTH
77 MILFORD STREET
BURLINGTON, CT 06013

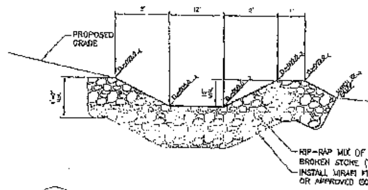
DATE: 03/17/11
SCALE: AS NOTED
JOB NO.: 00041

SITE DETAILS

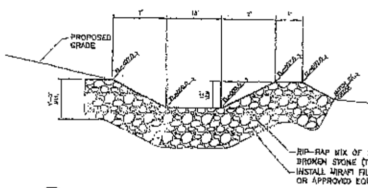
C-4

Sheet No. 6 of 8

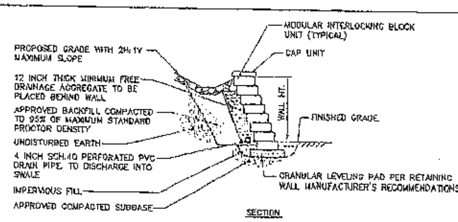
RECEIVED
2012 JAN 13 P 1:03



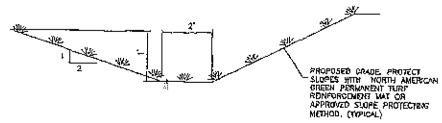
1 / C-5 PLUNGE POOL/LEVEL SPREADER #1 TYPICAL SECTION
NOT TO SCALE



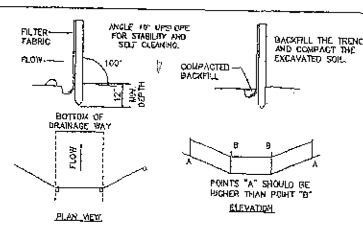
2 / C-5 PLUNGE POOL/LEVEL SPREADER #2 TYPICAL SECTION
NOT TO SCALE



3 / C-5 TYPICAL RETAINING WALL
NOT TO SCALE

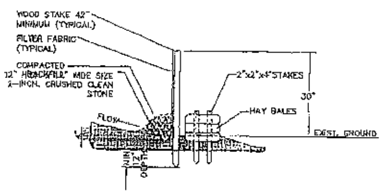


4 / C-5 GRASS SWALE - TYPICAL SECTION
NOT TO SCALE



SOURCE: U.S. DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE, STORRS, CONNECTICUT

5 / C-5 PLACEMENT AND CONSTRUCTION SILTATION FENCE
NOT TO SCALE



5A / C-4 TYP. SILTATION FENCE/HAYBALE EROSION CONTROL DETAIL
NOT TO SCALE

MAINTENANCE - SILT FENCE

1) SILT FENCES SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REPAIRS THAT ARE REQUIRED SHALL BE MADE IMMEDIATELY.
2) IF THE FABRIC ON A SILT FENCE SHOULD DECOMPOSE OR BECOME INEFFECTIVE DURING THE EXPECTED LIFE OF THE FENCE, THE FABRIC SHALL BE REPLACED PROMPTLY.
3) SEDIMENT SHOULD BE INSPECTED AFTER EVERY STORM EVENT. THE DEPOSITS SHOULD BE REMOVED WHEN THEY REACHED APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER.
4) SEDIMENT DEPOSITS THAT ARE REMOVED OR LEFT IN PLACE AFTER THE FABRIC HAS BEEN REMOVED SHALL BE GRADED TO CONFORM WITH THE EXISTING TOPOGRAPHY AND VEGETATED.

EROSION CONTROL

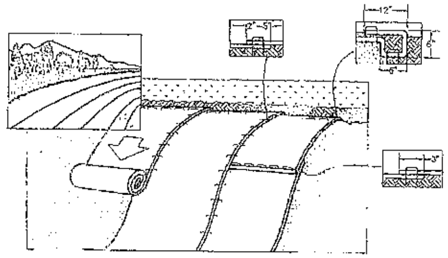
GENERAL CONSTRUCTION SEQUENCE

THIS IS A GENERAL CONSTRUCTION SEQUENCE OUTLINE SOME ITEMS OF WHICH MAY NOT APPLY TO PARTICULAR SITES.

1) CUT AND STRAP AREAS OF PROPOSED CONSTRUCTION.
2) INSTALL TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES AS REQUIRED.
3) REMOVE AND STOCKPILE TOPSOIL. STOCKPILE SHALL BESEEDED TO PREVENT EROSION.
4) CONSTRUCT CLOSED DRAINAGE SYSTEM, PRECEPT CULVERT INLETS AND CATCH BASINS WITH SEDIMENTATION BARRIERS.
5) CONSTRUCT ROADWAYS AND PERFORM SITE GRADING, PLACING HAY BALES AND SILTATION FENCES AS REQUIRED TO CONTROL SOIL EROSION.
6) INSTALL UNDERGROUND UTILITIES.
7) BEGIN TEMPORARY AND PERMANENT SEEDING AND MULCHING. ALL CUT AND FILL SLOPES SHALL BE SEEDED OR MULCHED IMMEDIATELY AFTER THEIR CONSTRUCTION. NO AREA SHALL BE LEFT UNSTABILIZED FOR A TIME PERIOD OF MORE THAN 30 DAYS.
8) DAILY, OR AS REQUIRED, CONSTRUCT, INSPECT, AND IF NECESSARY, RECONSTRUCT TEMPORARY DIKES, DRAINS, DITCHES, SILT FENCES AND SEDIMENT TRAPS INCLUDING MULCHING AND SEEDING.
9) BEGIN EXCAVATION FOR AND CONSTRUCTION OF TOWERS AND PLATFORMS.
10) FINISH PAVING ALL ROADWAYS, DRIVES, AND PARKING AREAS.
11) COMPLETE PERMANENT SEEDING AND LANDSCAPING.
12) NO FLOW SHALL BE DIVERTED TO ANY WETLANDS UNTIL A HEALTHY STAND OF GRASS HAS BEEN ESTABLISHED IN REGRADED AREAS.
13) AFTER GRASS HAS BEEN FULLY GERMINATED IN ALL SEEDED AREAS, REMOVE ALL TEMPORARY EROSION CONTROL MEASURES.

CONSTRUCTION SPECIFICATIONS - SILT FENCE

1) THE GEOTEXTILE FABRIC SHALL MEET THE DESIGN CRITERIA FOR SILT FENCES.
2) THE FABRIC SHALL BE EMBEDDED A MINIMUM OF 8 INCHES INTO THE GROUND AND THE SOIL COMPACTED OVER THE EMBEDDED FABRIC.
3) WOVEN WIRE FENCE SHALL BE FASTENED SECURELY TO THE FENCE POSTS WITH WIRE TIES OR STAPLES.
4) FILTER CLOTH SHALL BE FASTENED SECURELY TO THE WOVEN WIRE FENCE WITH TIES SPACED EVERY 24 INCHES AT THE TOP, MID-SECTION AND BOTTOM.
5) WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER, THEY SHALL BE OVERLAPPED BY 6 INCHES, FOLDED, AND STAPLED.
6) FENCE POSTS SHALL BE A MINIMUM OF 36 INCHES LONG AND DRIVEN A MINIMUM OF 16 INCHES INTO THE GROUND. WOOD POSTS SHALL BE OF SOUND QUALITY HARDWOOD AND SHALL HAVE A MINIMUM CROSS SECTIONAL AREA OF 3.0 SQUARE INCHES.
7) MAINTENANCE SHALL BE PERFORMED AS NEEDED TO PREVENT BUILD UP IN THE SILT FENCE DUE TO DEPOSITION OF SEDIMENT.



6 / C-5 REINFORCEMENT BLANKET INSTALLATION ON SLOPE (TYPICAL)
NOT TO SCALE

NOTES:

1. SLOPE APPLICATIONS:

A. PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED. SEED TO BE USED IN ALL DISTURBED AREAS TO BE VEGETATED SHALL CONSIST OF NEW ENGLAND CONSERVATION/WILDLIFE SEED MIX PROVIDED BY NEW ENGLAND WETLAND PLANTS, INC., OR APPROVED EQUIVALENT. THIS NATIVE SEED MIX PROVIDES A PERMANENT COVER OF GRASSES, FORBS, WILDFLOWERS, LEGUMES AND GRASSES TO PROMOTE BOTH GOOD EROSION CONTROL AND WILDLIFE HABITAT VALUE AND IS DESIGNED TO BE A NO MAINTENANCE SEEDING APPROPRIATE FOR CUT AND FILL SLOPES.

B. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN A 6" DEEP BY 6" WIDE TRENCH WITH APPROXIMATELY 12" OF BLANKET EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE BLANKET WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" PORTION OF BLANKET BACK OVER SEED AND COMPACTED SOIL. SECURE BLANKET OVER COMPACTED SOIL WITH A ROW OF STAPLE/STAKES SPACED APPROXIMATELY 12" APART ACROSS THE WIDTH OF THE BLANKET.

C. ROLL THE BLANKET DOWN OR HORIZONTALLY ACROSS THE SLOPE. BLANKET WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL ROLLED EROSION CONTROL BLANKETS MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE. WHEN USING THE DOT SYSTEM(TM), STAPLES/STAKES SHOULD BE PLACED THROUGH EACH OF THE COLORED DOTS CORRESPONDING TO THE APPROPRIATE STAPLE PATTERN.

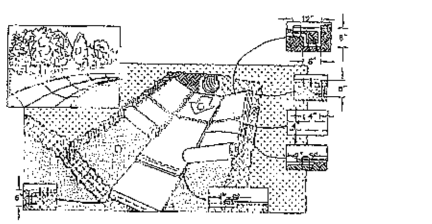
D. THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY A 2"- 6" OVERLAP DEPENDING ON BLANKET TYPE.

E. CONSECUTIVE ROLLED EROSION CONTROL BLANKET SPLICED DOWN THE SLOPE MUST BE PLACED END OVER END (SINGLE STYLE) WITH AN APPROXIMATE 3" OVERLAP. STAPLE THROUGH OVERLAPPED AREA APPROXIMATELY 12" APART ACROSS ENTIRE BLANKET WIDTH.

*IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6" MAY BE NECESSARY TO PROPERLY SECURE THE BLANKET.

F. REFER TO MANUFACTURERS STAPLE GUIDE FOR CORRECT STAPLE PATTERN. MINIMUM 4 SPIKES PER ONE SQ. FT.

2. THE CONTRACTOR SHALL MAINTAIN THE BLANKET UNTIL ALL WORK ON THE CONTRACT HAS BEEN COMPLETED AND ACCEPTED. MAINTENANCE SHALL CONSIST OF THE REPAIR OF AREAS WHERE DAMAGED BY ANY CAUSE. ALL DAMAGED AREAS SHALL BE REPAIRED TO REESTABLISH THE CONDITIONS AND GRADE OF THE SOIL PRIOR TO APPLICATION OF THE COVERING AND SHALL BE REFERTILIZED, RESEEDED, AND REMULCHED AS DIRECTED.



7 / C-5 REINFORCEMENT BLANKET INSTALLATION IN CHANNEL (TYPICAL)
NOT TO SCALE

NOTES:

1. CHANNEL APPLICATIONS:

A. PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED.

B. BEGIN AT THE TOP OF THE CHANNEL BY ANCHORING THE BLANKET IN A 6" DEEP BY 6" WIDE TRENCH WITH APPROXIMATELY 12" OF BLANKET EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE BLANKET WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" PORTION OF BLANKET BACK OVER SEED AND COMPACTED SOIL. SECURE BLANKET OVER COMPACTED SOIL WITH A ROW OF STAPLE/STAKES SPACED APPROXIMATELY 12" APART ACROSS THE WIDTH OF THE BLANKET.

C. ROLL CENTER BLANKET IN DIRECTION OF WATER FLOW IN BOTTOM OF CHANNEL. BLANKETS WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL BLANKETS MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE. WHEN USING THE DOT SYSTEM(TM), STAPLES/STAKES SHOULD BE PLACED THROUGH EACH OF THE COLORED DOTS CORRESPONDING TO THE APPROPRIATE STAPLE PATTERN.

D. PLACE CONSECUTIVE BLANKETS END OVER END (SHINGLE STYLE) WITH A 4"- 6" OVERLAP. USE A DOUBLE ROW OF STAPLES STAGGERED 4" APART AND 4" ON CENTER TO SECURE BLANKETS.

E. FULL LENGTH EDGE OF BLANKETS AT TOP OF SIDE SLOPES MUST BE ANCHORED WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN A 6" DEEP BY 6" WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.

F. ADJACENT BLANKETS MUST BE OVERLAPPED APPROXIMATELY 2"- 5" AND STAPLED TO ENSURE PROPER SEAM ALIGNMENT. PLACE THE EDGE OF THE OVERLAPPING BLANKET (BLANKET BEING INSTALLED ON TOP) EVEN WITH THE COLORED SEAM STITCH(TM) ON THE BLANKET BEING OVERLAPPED.

G. THE TERMINAL END OF THE BLANKETS MUST BE ANCHORED WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN A 6" DEEP BY 6" WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.

H. REFER TO MANUFACTURERS STAPLE GUIDE FOR CORRECT STAPLE PATTERN, MINIMUM 4 SPIKES PER ONE SQ. FT. THE CONTRACTOR SHALL MAINTAIN THE BLANKET UNTIL ALL WORK ON THE CONTRACT HAS BEEN COMPLETED AND ACCEPTED. MAINTENANCE SHALL CONSIST OF THE REPAIR OF AREAS WHERE DAMAGED BY ANY CAUSE. ALL DAMAGED AREAS SHALL BE REPAIRED TO REESTABLISH THE CONDITIONS AND GRADE OF THE SOIL PRIOR TO APPLICATION OF THE COVERING AND SHALL BE REFERTILIZED, RESEEDED, AND REMULCHED AS DIRECTED.

SUGGESTED CELL SITE - DRIVEWAY AND DRAINAGE SWALES AND LEVEL SPREADER INSPECTION AND MAINTENANCE PROGRAM

1) THE APPOINTED PERSON, VISITING THE SITE ON A ROUTINE BASIS, SHALL PERFORM GENERAL INSPECTION OF THE CONDITION OF THE SITE DRIVEWAY, THREE (3) DRAINAGE SWALES AND THE TWO (2) LEVEL SPREADER STRUCTURES. THE DATE AND TIME OF THESE INSPECTIONS AND OBSERVATIONS SHALL BE RECORDED IN A LOG BOOKLET KEPT AT THE SITE IN THE VERIZON SHELTER OR OTHER AGREED LOCATION.
2) AT EACH SITE VISIT THE INSPECTORS SHALL NOTE THE CONDITION OF THE SURFACE OF THE DRIVEWAY AND ANY RUTTING OR EROSION GULLIES THAT ARE DEVELOPING OR HAVE DEVELOPED.
3) AFTER SIGNIFICANT RAINFALL AND RUNOFF EVENTS THE "LEVEL SPREADERS" SHALL BE INSPECTED FOR ACCUMULATION OF LEAF LITTER, STICKS AND VEGETATION THAT WOULD DISRUPT UNIFORM FLOW OF WATER ALONG THE LENGTH OF THE LEVEL SPREADER AS WELL AS PREVENT THE UNIFORM EVEN FLOW OF WATER OUT ACROSS THE LENGTH OF THE DOWN SLOPE UP OF THE SPREADERS. SUCH MATERIALS SHALL BE REMOVED BY THE INSPECTOR AND CAST UPSLOPE OF THE LEVEL SPREADER. THE PRESENCE AND ANY ACCUMULATIONS OF SOIL SEDIMENTS SHALL BE NOTED BY THE INSPECTORS.
4) AT EACH OF THESE INSPECTIONS THE INSPECTORS SHALL ALSO NOTE THE CONDITION OF THE LEVEL SPREADER'S SHAPE AND DOWNSLOPE LIP, NOTING ANY POINTS WHERE THE STRUCTURE MAY NEED RESHAPING AND/OR RELEVELING. ANY SIGNS OF CONCENTRATED FLOW PASSING OVER SPOTS AND EROSION OF THE SLOPE DOWN SLOPE FROM THE LEVEL SPREADERS SHALL BE NOTED.

SCHEDULED SPECIAL MAINTENANCE

1) IN ADDITION PERFORMING DIRECT CORRECTIONS AND RECORDING IN THE ON-SITE LOG BOOK, WHEN EROSION OR RUTTING OF THE DRIVEWAY, LEVEL SPREADER SHAPE DISRUPTION, DOWNSLOPE EROSION OR ACCUMULATION OF SOIL SEDIMENTS IS NOTED, THESE CONDITIONS SHALL BE REPORTED TO THE APPROPRIATE REPRESENTATIVE RESPONSIBLE FOR UPKEEP AND MAINTENANCE. OTHER CONDITIONS, WHICH CANNOT BE PROPERLY ADDRESSED BY THE INSPECTORS, SHALL ALSO BE REPORTED TO THE MAINTENANCE REPRESENTATIVE FOR CORRECTION.
2) THE RESPONSIBLE MAINTENANCE PERSON SHALL SCHEDULE CORRECTIVE ACTION BY CONTRACT PERSONNEL EXPERIENCED IN THE MEANS, METHODS AND REQUIREMENTS OF SUCH REPAIR WORK. AFTER CORRECTIVE ACTION HAS BEEN TAKEN, THE PERSON RESPONSIBLE FOR MAINTENANCE, OR THEIR AGENT, SHALL VISIT THE SITE, INSPECT THE REPAIRS/RESTORATIONS AND NOTE THE DATE AND ACCEPTABILITY OF SAID REPAIRS IN THE LOG BOOK.
3) THE KNOWLEDGEABLE MAINTENANCE PERSON, OR THEIR APPOINTED AGENT, SHALL MAKE SCHEDULED INSPECTIONS OF ALL ABOVE LISTED SITE FEATURES AT LEAST TWICE A YEAR, ONCE AFTER THE SPRING THAW AND ONCE IN THE FALL AFTER THE LEAVES HAVE FALLEN, TO CHECK OF THE SITE FEATURES, SCHEDULE ANY REQUIRED MAINTENANCE AND REVIEW LOG BOOKS TO CHECK THAT INTERIM INSPECTIONS ARE BEING PERFORMED AND NOTED.
4) FREQUENT INSPECTIONS AND ROUTINE MINOR CORRECTIVE ACTIONS ARE KEY TO KEEPING GRAVEL DRIVEWAYS AND OPEN LAND DRAINAGE FEATURES IN GOOD CONDITION AND FUNCTIONING PROPERLY.

DESIGNED BY:	CFC			
DRAWN BY:	MAW			
CHK'D BY:	DMD			
DATE	DRAWN	CHK'D BY	DESCRIPTION	
11/21/11	DMD	CFC	ISSUED FOR LAND USE MODIFICATION PERMIT - INTERNAL REVIEW	
11/23/11	DMD	CFC	ISSUED FOR LAND USE MODIFICATION PERMIT - OWNER REVIEW	
11/28/11	DMD	CFC	ISSUED FOR LAND USE MODIFICATION PERMIT - OWNER REVIEW	
12/01/12	DMD	CFC	ISSUED FOR LAND USE MODIFICATION PERMIT - REVISED SHELTER	
12/19/12	DMD	CFC	ISSUED FOR DPH LAND PERMIT	
12/21/12	DMD	CFC	REVISED FOR DPH LAND PERMIT	

Cellco Partnership d.b.a. Verizon Wireless

CENTEK engineering
Centered on Solutions
(203) 488-0580
(203) 488-8587 Fax
63-2 North Branford Road
Branford, CT 06405
www.CentekEng.com

Cellco Partnership d/b/a Verizon Wireless
WIRELESS COMMUNICATIONS FACILITY
BURLINGTON SOUTH
77 MILFORD STREET
BURLINGTON, CT 06013

DATE:	05/17/11
SCALE:	AS NOTED
JOB NO.	08041

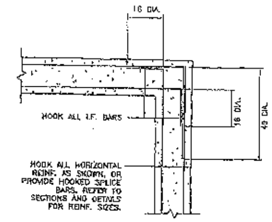
SITE DETAILS AND NOTES

C-5

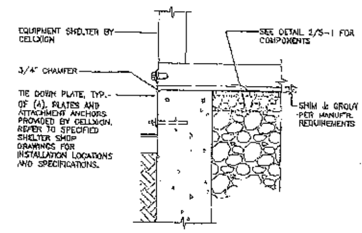
Sheet No. 7 of 8

VOL 0317 PAGE 0360

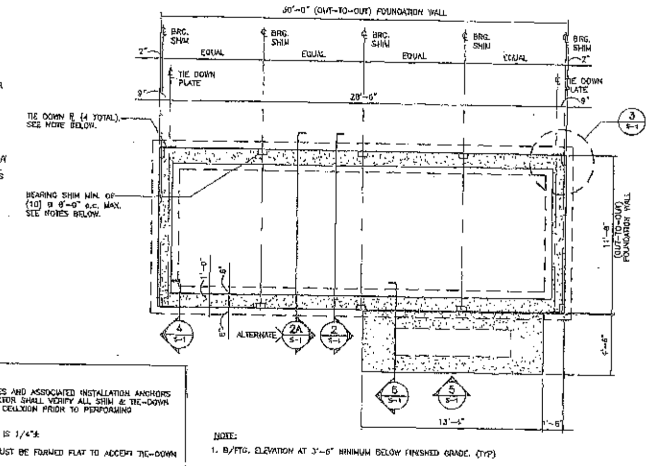
VOL 0 3 1 7 PAGE 0 3 6 1



3 / S-1 PLAN DETAIL
NOT TO SCALE



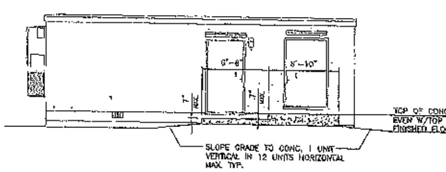
4 / S-1 BUILDING TIE DOWN
SCALE: 1"=1'-0"



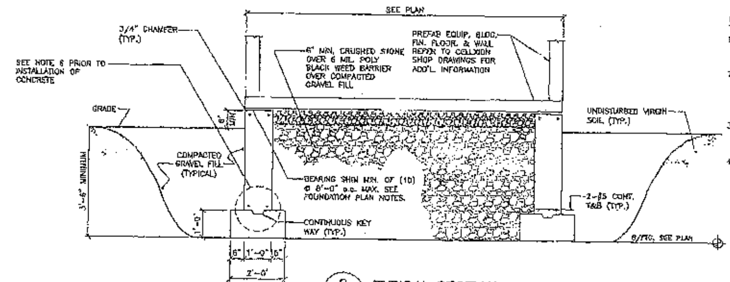
NOTE:
1. B/FTG. ELEVATION AT 3'-6" MINIMUM BELOW FINISHED GRADE. (TYP)

1 / S-1 FOUNDATION PLAN
SCALE: 1/4"=1'-0"

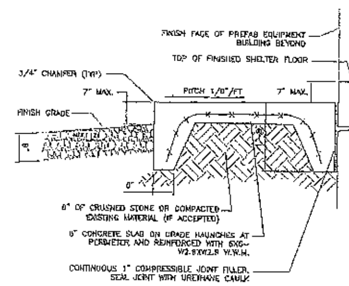
NOTES:
1. BEARING SHIMS, TIE-DOWN PLATES AND ASSOCIATED INSTALLATION ANCHORS PROVIDED BY CELLXION. CONTRACTOR SHALL VERIFY ALL SHIM & TIE-DOWN QUANTITIES AND LOCATIONS WITH CELLXION PRIOR TO PERFORMING FOUNDATION WORK.
2. SLAB/ TOP OF WALL TOLERANCE IS 1/4"±
3. TOP 6" OF FOUNDATION SIDES MUST BE FORMED FLAT TO ACCEPT TIE-DOWN PLATES.



5 / S-1 ENTRY STOOP DETAIL - ELEVATION
SCALE: 3/16"=1'-0"

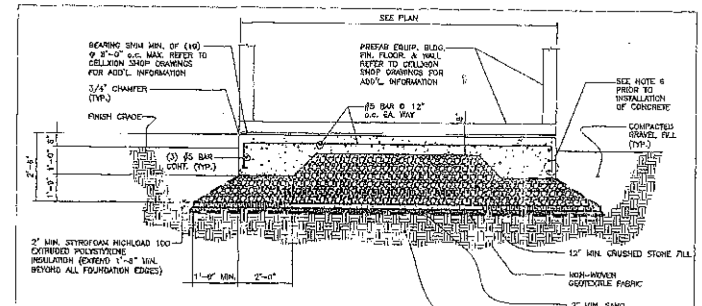


2 / S-1 TYPICAL SECTION
SCALE: 1/2"=1'-0"



6 / S-1 ENTRY STOOP DETAIL - SECTION
SCALE: 3/16"=1'-0"

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



2A / S-1 FOUNDATION PLAN SLAB ON GRADE ALTERNATE
SCALE: 1/2"=1'-0"

FOUNDATION NOTES:

1. 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.
2. DIMENSIONS AND DETAILS SHALL BE CHECKED AGAINST THE PRE MANUFACTURED EQUIPMENT BUILDING SHOP DRAWINGS.
3. THE CONTRACTOR SHALL VERIFY AND COORDINATE THE SIZE AND LOCATION OF ALL OPENINGS, SLEEVES AND ANCHOR BOLTS AS REQUIRED BY ALL TRADES.
4. REFER TO DRAWING T1 FOR ADDITIONAL NOTES AND REQUIREMENTS.

SITE NOTES:

1. THE CONTRACTOR SHALL CALL UTILITIES PRIOR TO THE START OF CONSTRUCTION.
2. 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.
3. ALL RUBBISH, STUMPS, DEBRIS, STICKS, STONES AND OTHER REFUSE SHALL BE REMOVED OFF SITE AND BE LEGALLY DISPOSED, AT NO ADDITIONAL COST.
4. THE SITE SHALL BE GRADED TO CAUSE SURFACE WATER TO FLOW AWAY FROM THE EQUIPMENT AND TOWER AREAS.
5. 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.
6. THE SUBGRADE SHALL BE COMPACTED AND BROUGHT TO A SMOOTH UNIFORM GRADE PRIOR TO FINISHED SURFACE APPLICATION.
7. THE AREAS OF THE COMPOUND DISTURBED BY THE WORK SHALL BE RETURNED TO THEIR ORIGINAL CONDITION.
8. 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.
9. 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.
10. DIMENSIONS AND DETAILS SHALL BE CHECKED AGAINST THE PRE MANUFACTURED EQUIPMENT BUILDING SHOP DRAWINGS.
11. 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:

1. COMPACTED GRAVEL FILL SHALL BE FURNISHED AND PLACED AS A FOUNDATION FOR STRUCTURES, WHERE SHOWN ON THE CONTRACT DRAWINGS OR DIRECTED BY THE ENGINEER.
2. 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.
3. 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.
4. 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 LEVELED 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 AASHTO 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:

1. ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH THE ACI 301, ACI 318.
2. ALL CONCRETE SHALL BE NORMAL WEIGHT, 6% 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.
3. 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.
4. 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:
   #6 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.

5. ALL EXPOSED EDGES OF CONCRETE TO RECEIVE A 3/4" CHAMFER IN ACCORDANCE WITH ACI 301 SECTION 4.2.4.
6. CONCRETE EQUIPMENT PAD TO RECEIVE A BRUSHED FINISH.
7. 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:					CPC
DRAWN BY:					AMH
CHK'D BY:					DHP
REV.	DATE	DRAWN BY	CHK'D BY	DESCRIPTION	
0	05/17/11	DHP	CPC	ISSUED FOR LAND USE MODIFICATION PERMIT - INTERNAL REVIEW	
1	08/02/11	DHP	CPC	ISSUED FOR LAND USE MODIFICATION PERMIT - OWNER REVIEW	
2	08/24/11	DHP	CPC	ISSUED FOR LAND USE MODIFICATION PERMIT - OWNER REVIEW	
3	08/01/12	DHP	CPC	ISSUED FOR LAND USE MODIFICATION PERMIT - REVISED SHELTER	
4	03/16/12	DHP	CPC	ISSUED FOR DPH LAND PERMIT	
5	03/02/12	DHP	CPC	REVISED FOR DPH LAND PERMIT	

Cellco Partnership d.b.a. Verizon Wireless

CENTEK engineering
Centered on Solutions
(203) 488-0580
(203) 488-8587 Fax
63-2 North Branford Road
Branford, CT 06405
www.CentekEng.com

Cellco Partnership d/b/a Verizon Wireless
WIRELESS COMMUNICATIONS FACILITY

BURLINGTON SOUTH

77 MILFORD STREET
BURLINGTON, CT 06013

DATE:	05/17/11
SCALE:	AS NOTED
JOB NO.	09051

SHELTER FOUND. PLAN, DETAILS AND NOTES

C-6

Sheet No. 9 of 8

RECEIVED & RECORDED IN BURLINGTON, CT
ON: 9.27.12 AT 11:20 am
Christa L. Ronalter
ASSISTANT TOWN CLERK