

WASHINGTON NORTH - SITE 2

**167 New Milford Turnpike
Washington, Connecticut**

Description of Proposed Cell Site

Cellco Partnership d/b/a Verizon Wireless
99 East River Drive
East Hartford, CT 06108

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SITE NAME: WASHINGTON NORTH (SITE 2)–167 New Milford Turnpike, Washington, CT

GENERAL CELL SITE DESCRIPTION

The proposed cell site would be located within an 60' x 95' leased area in the northerly portion of an approximately 1.25-acre parcel owned by Unice and Lloyd Waldron at 167 New Milford Turnpike in Washington (the "Site 2 Facility"). The Site 2 Facility would consist of a 150-foot telecommunications tower disguised as a pine tree. Simulated branches will extend an additional seven (7) feet above the top of the tower to an overall height of 157 feet. Cellco antennas would be mounted at the top of the tower with their centerline at the 150 foot level. Cellco's radio equipment and a back-up generator will be located inside a 12' x 30' equipment shelter located near the base of the tower. Vehicle access to the site would extend from New Milford Turnpike (Route 202) over a short portion of the resident's existing driveway, then over a new 12-foot wide gravel driveway, a distance of approximately 350 feet to the site compound. Utility service would also extend from existing service along New Milford Turnpike to the cell site.



Source: Kent and New Preston Connecticut USGS 7.5 Minute Topographic Quadrangle Maps

1,000 500 0 1,000 Feet



Vanasse Hangen Brustlin, Inc.

USGS Topographic Map
Proposed Verizon Wireless
Telecommunications Facility

Two Alternative Site Locations
Site 1 - 6 Mountain Road
Washington, Connecticut
Site 2 - 167 New Milford Turnpike
New Preston, Connecticut





Source: 2005 Digital Aerial Photograph



Quadrangle Location

* Note: Alternative sites are located approximately 0.46 mile apart

Vanasse Hangen Brustlin, Inc.

Aerial Photograph
Proposed Verizon Wireless
Telecommunications Facility

Two Alternative Site Locations
Site 1 - 6 Mountain Road
Washington, Connecticut
Site 2 - 167 New Milford Turnpike
New Preston, Connecticut



SITE EVALUATION REPORT

SITE NAME: WASHINGTON NORTH (SITE 2)-167 New Milford Turnpike, Washington, CT

I. LOCATION

- A. COORDINATES: 41°-40'-13.5" N 73°-21'-25.5" W
- B. GROUND ELEVATION: Approximately 643± feet AMSL
- C. USGS MAP: New Preston, CT
- D. SITE ADDRESS: 167 New Milford Turnpike (Route 202), Washington, CT
- E. ZONING WITHIN 1/4 MILE OF SITE: Land within 1/4 mile of the cell site is zoned B-3 Marble Dale Business and R-1 Residential.

II. DESCRIPTION

- A. SITE SIZE: 60' x 95' Leased Compound Area
- B. LESSOR'S PARCEL: Approximately 1.25 acres
- C. TOWER TYPE/HEIGHT: 150' Monopine Tower
153' to top of PCS antennas
157' to top of Simulated Branches
- D. SITE TOPOGRAPHY AND SURFACE: The topography in the area is fairly severe and slopes down from southeast to northwest, through the Waldron property toward Route 202. Clearing and grading of the leased area and access driveway will be required. The site has been situated so as to minimize, to the extent possible, the clearing of substantial trees.
- E. SURROUNDING TERRAIN, VEGETATION, WETLANDS, OR WATER: The tower is located in a northeasterly portion of the Waldron property. The terrain around the tower site slopes down from southeast to northwest toward Route 202. No wetland areas exist within or near the site compound or the access driveway. The closest wetland or watercourse area is an intermittent watercourse that runs along the southerly boundary of the Waldron property approximately 100 feet south of the Site 2 Facility compound.
- F. LAND USE WITHIN 1/4 MILE OF SITE: The proposed site is surrounded by vacant land and low density residential development.

III. FACILITIES

- A. POWER COMPANY: Connecticut Light and Power
- B. POWER PROXIMITY TO SITE: Approximately 160 feet to the west.
- C. TELEPHONE COMPANY: AT&T
- D. PHONE SERVICE PROXIMITY: Same as power
- E. VEHICLE ACCESS TO SITE: Vehicle access to the site would extend from New Milford Turnpike (Route 202) over a 12-foot wide gravel driveway a distance of approximately 350 feet.
- F. CLEARING AND FILL REQUIRED: Clearing and grading would be required for construction of the tower, site compound and access drive. Detailed construction plans would be developed after approval of the site by the Siting Council.

IV. LEGAL

- A. PURCHASE [] LEASE [X]
- B. OWNER: Unice and Lloyd Waldron
- C. ADDRESS: 167 New Milford Turnpike, New Preston, CT 06777
- D. DEED ON FILE AT: Town of Washington, CT Land Records

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ENVIRONMENTAL ASSESSMENT STATEMENT

SITE NAME: WASHINGTON NORTH (SITE 2) - 167 New Milford Turnpike, Washington, CT

I. PHYSICAL IMPACT

A. WATER FLOW AND QUALITY

No water flow and/or water quality changes are anticipated as a result of the construction or operation of the facility. There are no lakes, ponds, rivers, streams, wetlands or other regulated bodies of water located in the area to be used for the tower, access drive or equipment building. The equipment used will not discharge any pollutants to area surface or groundwater systems.

B. AIR QUALITY

Under ordinary operating conditions, the equipment that would be used at the site would emit no air pollutants of any kind. For limited periods during power outages and periodically for maintenance purposes, minor levels of emissions from the on-site generator would result.

Pursuant to R.C.S.A. § 22a-174-3, the on-site emergency back-up generator proposed as a part of this application would require the issuance of a Connecticut Department of Environmental Protection Air Bureau permit for potential emissions. Cellco would obtain this permit prior to installing the generator at the approved cell site.

C. LAND

Clearing and grading of the tower compound and access drive will be required. The remaining land of the Lessor would remain unchanged by the construction and operation of the cell site.

D. NOISE

The equipment to be in operation at the site after construction would emit no noise of any kind, except for operation of the installed heating, air conditioning and ventilation systems and occasional operation of a back-up generator which would be run during power failures and periodically for maintenance purposes. Some noise is anticipated during cell site construction, which is expected to take approximately four to six weeks.

E. POWER DENSITY

The worst-case calculation of power density for Cellco's PCS antennas at the Washington North facility would be 2.46% of the Standard.

F. VISIBILITY

See Visual Resource Evaluation Report included as Attachment 10.

Cellco Partnership

d.b.a. **verizon**wireless

WIRELESS COMMUNICATIONS FACILITY

WASHINGTON NORTH

"SITE 2"

167 NEW MILFORD TURNPIKE
NEW PRESTON, CT

SITE DIRECTIONS		
FROM:	98 EAST RIVER DRIVE EAST HARTFORD, CONNECTICUT	TO: 167 NEW MILFORD TURNPIKE NEW PRESTON, CONNECTICUT
-START OUT GOING EAST ON EAST RIVER DRIVE TOWARD DARLIN ST.		
-TURN LEFT ONTO US-44 W/CONNECTICUT BLVD.		
-STAY STRAIGHT TO GO ONTO RAMP.		
-MERGE ONTO US-6 W/I-84 W/US-44 W.		
-MERGE ONTO I-84 W/US-6		
-TURN SLIGHT RIGHT ONTO MAIN STREET / CT-4, CONTINUE TO FOLLOW CT-4.		
-TURN SLIGHT RIGHT ONTO SPELMAN / CT-4, CONTINUE TO FOLLOW CT-4.		
-CT-4 BECOMES CT-118		
-TURN SLIGHT RIGHT ONTO THOMASTON ROAD.		
-TURN LEFT ONTO CT-118/EAST STREET.		
-KEEP RIGHT AT THE FORK TO CONTINUE ON EAST STREET/CT-118.		
-TURN SLIGHT LEFT ONTO US-202/BARTAM RD.		
-TURN SLIGHT RIGHT ONTO US-202/BARTAM RD.		
-TURN LEFT ONTO US-202/UTCHFIELD TPK/WILBUR RD. CONTINUE ON US-202.		
-END AT 167 NEW MILFORD TURNPIKE.		

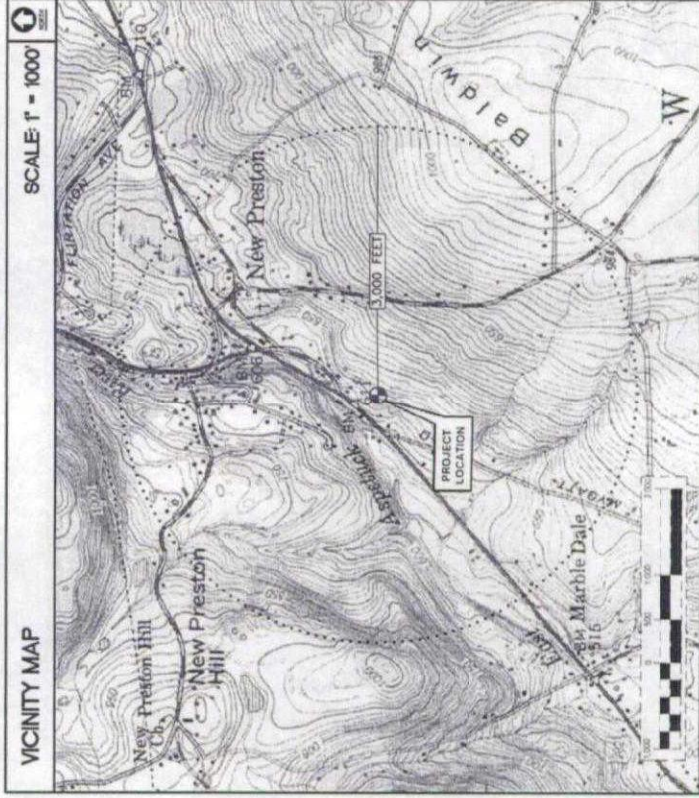
GENERAL NOTES

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

SITE INFORMATION

THE SCOPE OF WORK SHALL INCLUDE:

1. THE CONSTRUCTION OF A 48'x75' TWO-TIER FENCED WIRELESS COMMUNICATIONS COMPOUND WITHIN A 60'x95' LEASE AREA.
2. SITE GRADING AND INSTALLATION OF BLOCK RETAINING WALLS WILL BE REQUIRED.
3. A TOTAL OF TWELVE (12) DIRECTIONAL PANEL ANTENNAS ARE PROPOSED TO BE MOUNTED AT A RAD CENTER ELEVATION OF 150'-0" +/- AGL ON A PROPOSED 157' MONOPINE (OR OPTIONAL 150' MONOPOLE) TOWER LOCATED WITHIN THE PROPOSED COMPOUND.
4. POWER AND TELCO UTILITIES SHALL BE ROUTED UNDERGROUND FROM EXISTING RESPECTIVE DEMARKS TO THE PROPOSED UTILITY BACKBOARD LOCATED ADJACENT TO THE PROPOSED FENCED COMPOUND. UTILITIES WILL BE ROUTED FROM UTILITY BACKBOARD TO THE PROPOSED NOMINAL 12"x30" WIRELESS EQUIPMENT SHELTER LOCATED WITHIN THE PROPOSED COMPOUND. UTILITY ROUTINGS TO PROPOSED BACKBOARD WILL BE VERIFIED/DETERMINED BY LOCAL UTILITY COMPANIES.
5. FINAL ELEVATION FOR GROUND AND ANTENNA MOUNTS SHALL BE INCLUDED IN THE FINAL CONSTRUCTION DOCUMENTS.
6. THE PROPOSED WIRELESS FACILITY INSTALLATION WILL BE DESIGNED IN ACCORDANCE WITH THE 2005 INTERNATIONAL BUILDING CODE AS MODIFIED BY THE 2005 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.
9. FOR ADDITIONAL NOTES AND DETAILS REFER TO THE ACCOMPANYING DRAWINGS.



PROJECT SUMMARY	
SITE NAME:	WASHINGTON NORTH
SITE ADDRESS:	167 NEW MILFORD TURNPIKE NEW PRESTON, CT 06777
PROPERTY OWNER:	UNICE & LLOYD WALDRON P.O. BOX 2237 NEW PRESTON, CT 06077
LEASOR:	UNICE & LLOYD WALDRON P.O. BOX 2237 NEW PRESTON, CT 06077
LESSEE:	CELCO PARTNERSHIP 435.e. VERIZON WIRELESS 99 EAST RIVER DRIVE EAST HARTFORD, CT 06108
APPLICANT:	CELCO PARTNERSHIP 435.e. VERIZON WIRELESS 99 EAST RIVER DRIVE EAST HARTFORD, CT 06108
CONTACT PERSON:	SANDY CARTER CELCO PARTNERSHIP (860) 803-8219
TOWER COORDINATES:	LATITUDE: 41°40'13.486" LONGITUDE: 72°21'23.506" UTM COORDINATES: 18QUG19994 UTM COORDINATES ARE BASED ON FAA 2C SURVEY CERTIFICATION CONDUCTED BY MARTINEZ COUCH AND ASSOCIATES LLC, DATED NOVEMBER 7, 2006.

LEGEND	
	DESCRIPTION
	SECTION OR DETAIL NUMBER SHEET WHERE DETAIL/SECTION OCCURS
	ELEVATION NUMBER SHEET WHERE ELEVATION OCCURS

SHEET INDEX	
SHT. NO.	DESCRIPTION
T-1	TITLE SHEET
C-1	SITE PLAN AND ABUTTERS MAP
C-2	PARTIAL SITE PLAN
C-2A	COMPOUND ELEVATIONS (TOWER OPTIONS)
C-3	EROSION CONTROL DETAILS AND NOTES
C-4	SITE DETAILS
C-5	SITE UTILITY DETAILS AND SHELTER ELEVATIONS
C-6	EQUIP. SHELTER FOUNDATION DETAILS AND NOTES

REVISIONS		
00	12/13/06	SITING COUNCIL REVIEW
01	02/27/07	CT SITING COUNCIL
02	03/22/07	CT SITING COUNCIL
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Cellco Partnership

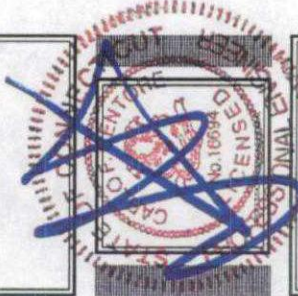
d.b.a. **verizon**wireless



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Consulting Engineers, Project Management
Civil, Structural, Mechanical, Electrical



WASHINGTON NORTH
(WALDRON PROPERTY)
"SITE 2"

167 NEW MILFORD TPK
NEW PRESTON, CT 06777

PROJECT NO:	05105
DRAWN BY:	DMD
CHECKED BY:	CFC
SCALE:	AS NOTED
DATE:	09/19/05

TITLE SHEET

T-1

DWG. 1 OF 8

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00	12/13/06	SITING COUNCIL REVIEW
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Cellco Partnership

d.b.a. **verizon** wireless

Natcomm, LLC - Engineering Consultants



Natcomm, LLC - Engineering Consultants

Natcomm, LLC - Engineering Consultants

Natcomm, LLC

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Consulting Engineers, Architects, Planners, Inc.

Civil, Structural, Mechanical, Electrical



WASHINGTON NORTH

(WALDRON PROPERTY)

'SITE 2'

167 NEW MILFORD TURNPIKE

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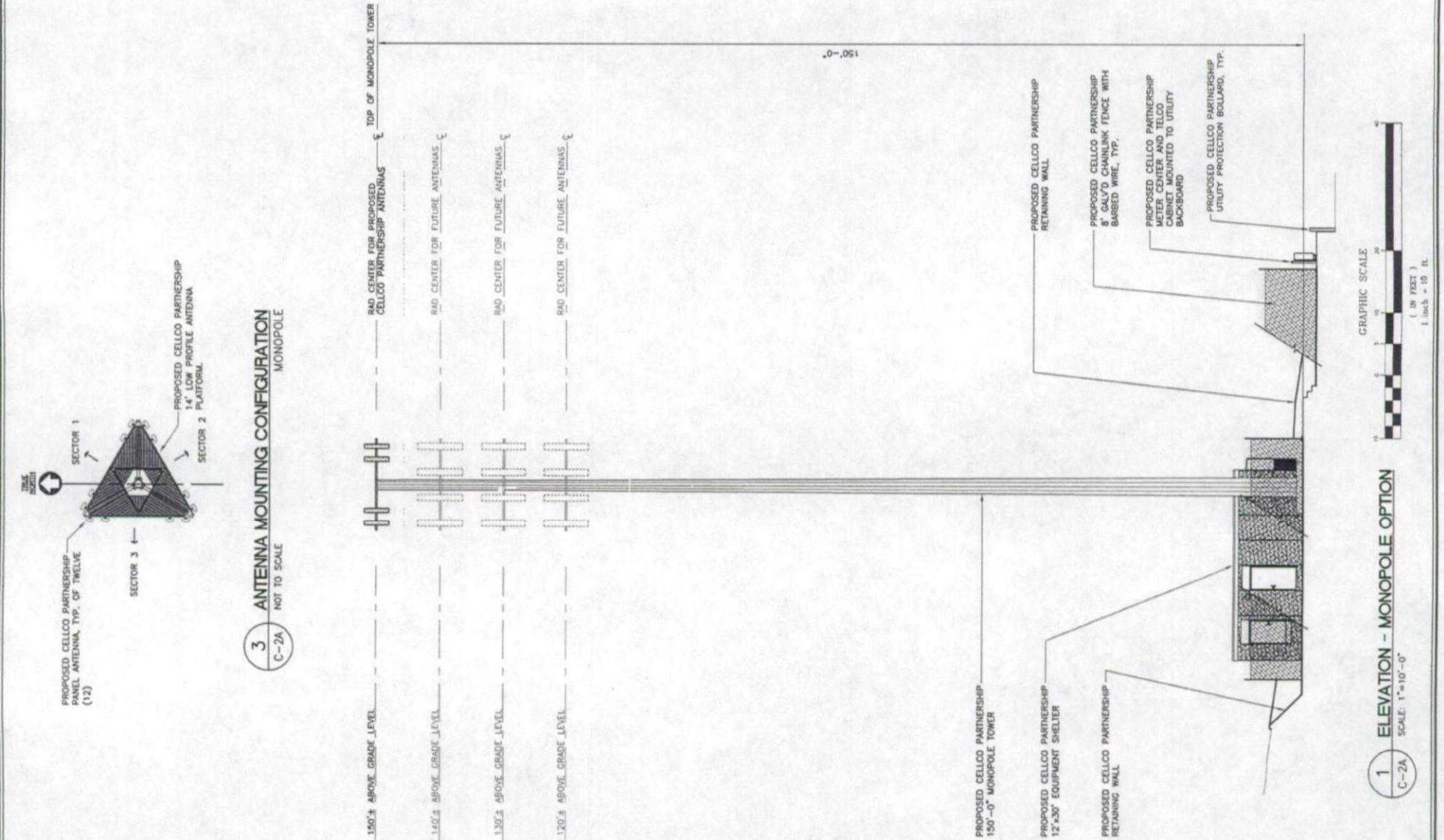
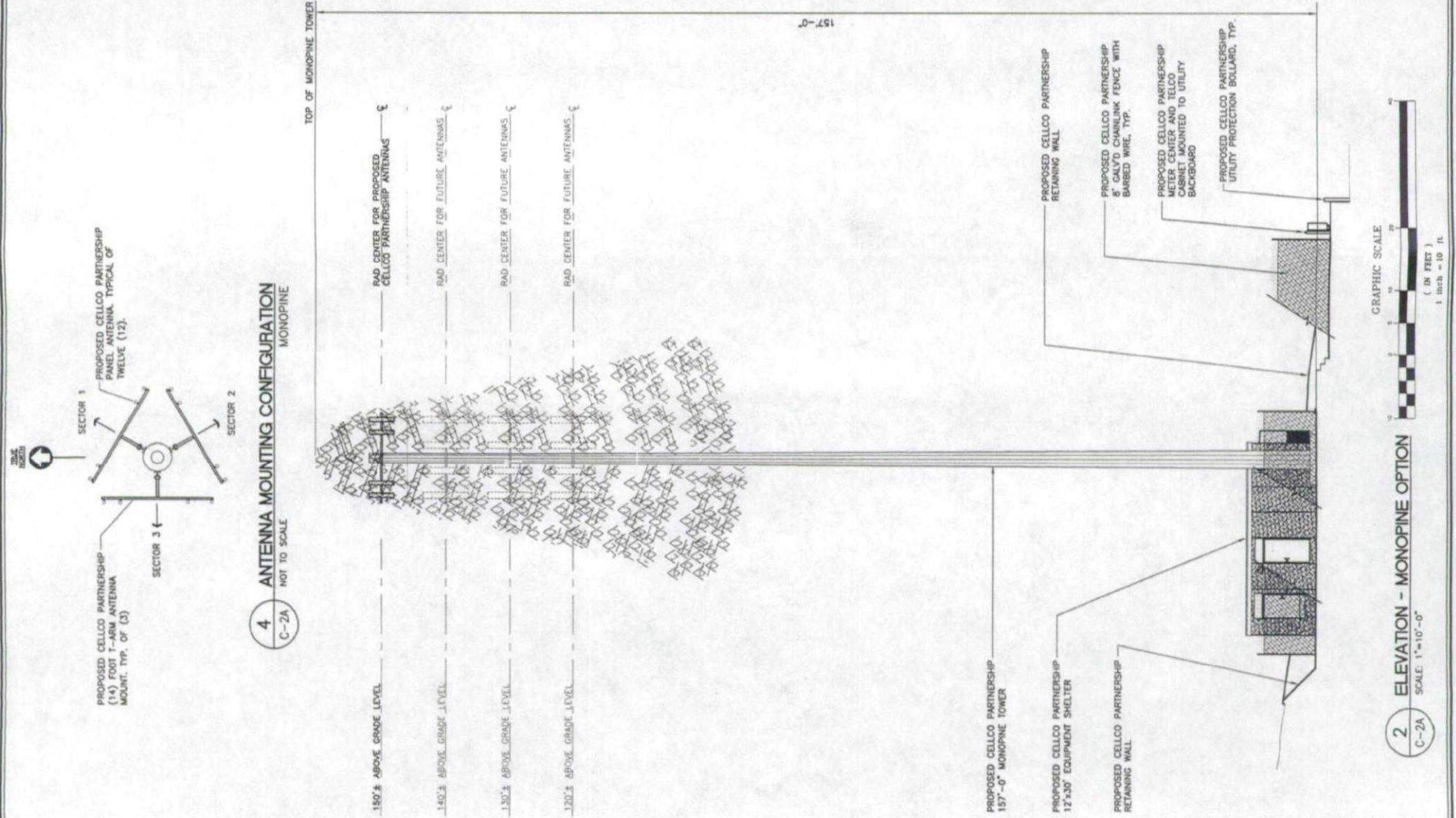
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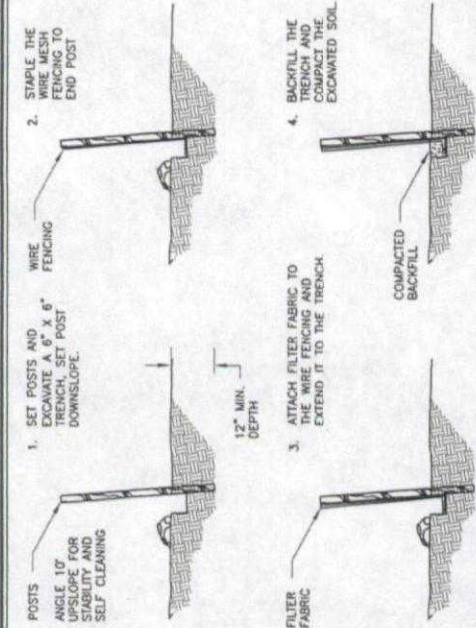
ELEVATIONS

(TOWER OPTIONS)

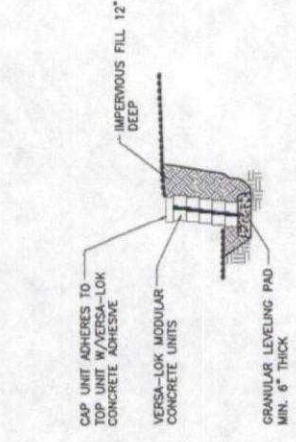
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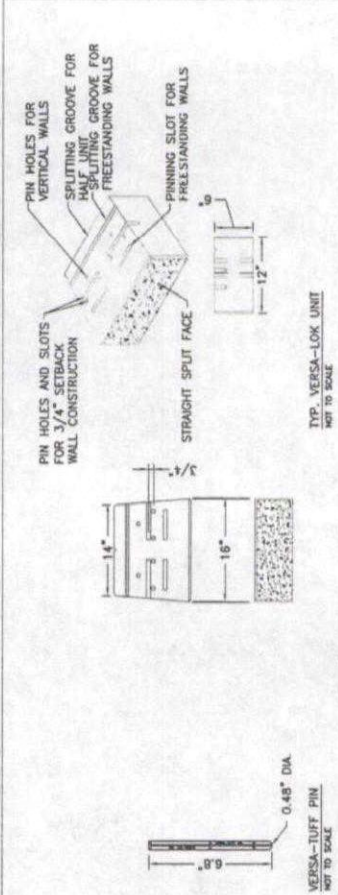




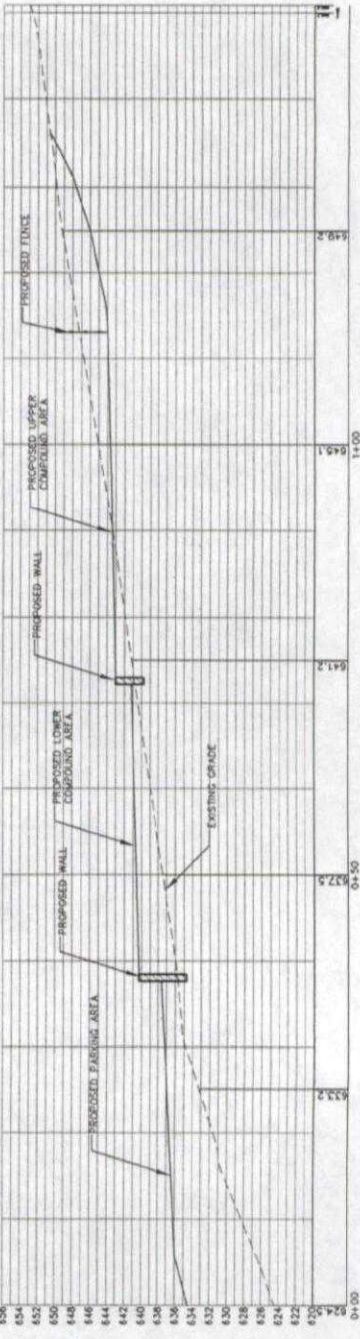
1 SEDIMENTATION CONTROL BARRIER-SILT FENCE
C-3 NOT TO SCALE



2 UNREINFORCED RETAINING WALL
C-3 NOT TO SCALE



3 TYP. VERSA-LOK RETAINING WALL DETAILS
C-3 NOT TO SCALE



6 PROFILE
C-3 SCALE: 1" = 10'

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 STUMP AREAS OF PROPOSED CONSTRUCTION.
- 2) INSTALL TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES AS REQUIRED.
- 3) REMOVE AND STOCKPILE TOPSOIL. STOCKPILE SHALL BE SEED 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 SITUATION FENCES AS REQUIRED TO CONTROL SOIL EROSION.
- 6) INSTALL UNDERGROUND UTILITIES.
- 7) BEGIN TEMPORARY AND PERMANENT SEEDING AND MULCHING. 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 BERM, 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 STABLE STAND OF GRASS HAS BEEN ESTABLISHED IN RECOVERED AREAS.
- 13) AFTER GRASS HAS BEEN FULLY GERMINATED IN ALL SEEDER 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.

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 OR A SILT FENCE SHOULD DECOMPOSE OR BECOME WEPTERED, THE EXPOSED 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.

TEMPORARY EROSION CONTROL MEASURES:

- 1) DISTURBED AREAS SHALL BE KEPT TO THE MINIMUM AREA NECESSARY TO CONSTRUCT THE ROADWAYS AND ASSOCIATED DRAINAGE FACILITIES.
- 2) HAY BALE BARRIERS AND SEDIMENT TRAPS SHALL BE INSTALLED AS REQUIRED. BARRIERS AND TRAPS ARE TO BE MAINTAINED AND CLEANED UNTIL ALL SLOPES HAVE A HEALTHY STAND OF GRASS.
- 3) BAILED HAY AND MULCH SHALL BE MOWING OF ACCEPTABLE HERBACEOUS GROWTH, FREE FROM NOXIOUS WEEDS OR WOODY STEMS, AND SHALL BE DRY. NO SALT HAY SHALL BE USED.
- 4) FILL MATERIAL SHALL BE FREE FROM STUMPS, WOOD, ROOTS, ETC.
- 5) STOCKPILED MATERIALS SHALL BE PLACED ONLY IN AREAS SHOWN ON THE PLANS. STOCKPILES SHALL BE PROTECTED BY SITUATION FENCE AND SEED TO PREVENT EROSION. THESE MEASURES SHALL REMAIN UNTIL ALL MATERIAL HAS BEEN PLACED OR DISPOSED OFF SITE.
- 6) ALL DISTURBED AREAS SHALL BE LOADED AND SEEDDED. A MINIMUM OF 4 INCHES OF LOAM SHALL BE INSTALLED WITH NOT LESS THAN ONE POUND OF SEED PER 50 SQUARE YARDS OF AREA.
- 7) APPLICATION OF GRASS SEED, FERTILIZERS AND MULCH SHALL BE ACCOMPLISHED BY BROADCAST SEEDING OR HYDROSEEDING AT THE RATES OUTLINED BELOW:

LIMESTONE: 75-100 LBS./1,000 SQUARE FEET.
FERTILIZER: RATE RECOMMENDED BY MANUFACTURER.
MULCH: HAY MULCH APPROXIMATELY 3 TONS/ACRE UNLESS EROSION CONTROL MATTING IS USED.

SEED MIX (SLOPES LESS THAN 4:1)	LBS./ACRE
CREEPING RED RESCUE	20
TALL RESCUE	20
RED TOP	42

SLOPE MIX (SLOPES GREATER THAN 4:1)	LBS./ACRE
CREEPING RED RESCUE	20
TALL RESCUE	20
BIRDS FOOT TREE FOIL	48

- 8) AFTER ALL DISTURBED AREAS HAVE BEEN STABILIZED THE TEMPORARY EROSION CONTROL MEASURES ARE TO BE REMOVED.
- 9) PAVED ROADWAYS MUST BE KEPT CLEAN AT ALL TIMES.
- 10) ALL CATCH BASIN INLETS WILL BE PROTECTED WITH LOW POINT SEDIMENTATION BARRIER.
- 11) ALL STORM DRAINAGE OUTLETS WILL BE STABILIZED AND CLEANED AS REQUIRED, BEFORE THE DISCHARGE POINTS BECOME OPERATIONAL.
- 12) ALL Dewatering OPERATIONS MUST DISCHARGE DIRECTLY INTO A SEDIMENT FILTER AREA.
- 13) NO DISCHARGE SHALL BE DIRECTED TOWARDS ANY PROPOSED DITCHES, SWALES, OR POUNDS UNTIL THEY HAVE BEEN PROPERLY STABILIZED.

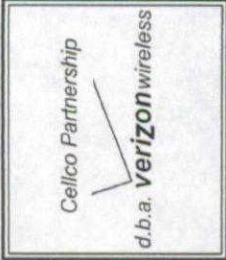
CONSTRUCTION SPECIFICATIONS - STRAW OR HAY BALES

- 1) BALES SHALL BE PLACED IN A ROW WITH THE ENDS TIGHTLY ADJOINING.
- 2) EACH BALE SHALL BE EMBEDDED IN THE GROUND A MINIMUM OF 4 INCHES.
- 3) BALES SHALL BE ANCHORED IN PLACE BY AT LEAST TWO STAKES DRIVEN THROUGH THE BALE. THE STAKES SHALL BE DRIVEN AT LEAST 18 INCHES INTO THE GROUND.
- 4) BARRIERS SHALL BE INSPECTED AFTER EVERY RAINFALL AND PROMPTLY REPAIRED FOR REPLACED AS NECESSARY.
- 5) BALES SHALL BE REMOVED WHEN NO LONGER NEEDED AND THE SEDIMENT COLLECTED SHALL BE DISPOSED OF PROPERLY.

MAINTENANCE - STRAW OR HAY BALES

- 1) STRAW OR HAY BALES SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL.
- 2) CLOSE ATTENTION SHALL BE PAID TO THE REPAIR OF DAMAGED BALES, UNDERCUTTING BENEATH THE BALES, AND FLOW AROUND THE END OF THE BALES.
- 3) NECESSARY REPAIRS OR REPLACEMENT OF BALES SHALL BE ACCOMPLISHED PROMPTLY.
- 4) SEDIMENT DEPOSITS SHOULD BE CHECKED AFTER EACH RAINFALL. THE DEPOSITS SHOULD BE REMOVED WHEN THE LEVEL OF DEPOSITION REACHES APPROXIMATELY ONE-HALF OF THE HEIGHT OF THE TABLE.
- 5) SEDIMENT DEPOSITS THAT ARE REMOVED OR LEFT IN PLACE AFTER THE BARRIER HAS BEEN DISMANTLED SHALL BE GRADED TO CONFORM WITH THE EXISTING TOPOGRAPHY AND VEGETATED USING

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NEW PRESTON, CT 06777

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**EROSION CONTROL
& RETAINING WALL
DETAILS AND NOTES**

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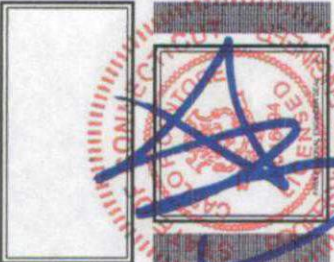
Cellco Partnership

d.b.a. verizon wireless

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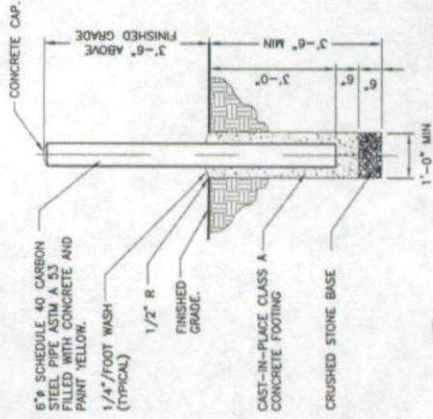


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167 NEW MILFORD TNP/K
NEW PRESTON, CT 06777

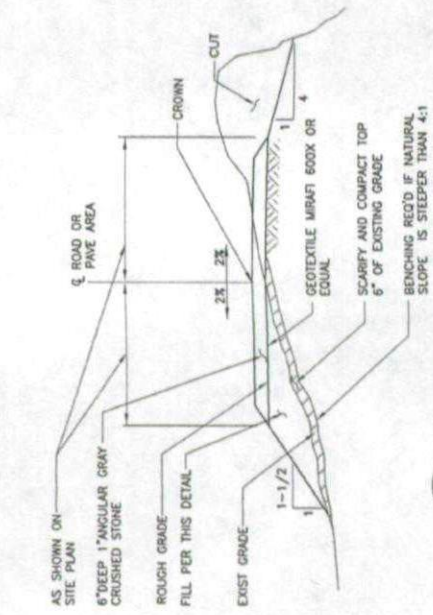
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SITE
DETAILS

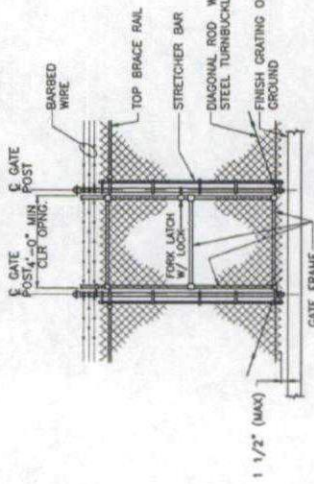
C-4
DWG. 6 OF 8



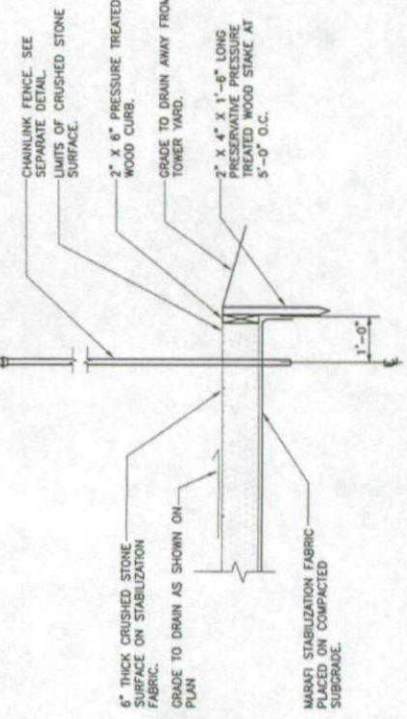
2 BOLLARD DETAIL
C-4 NOT TO SCALE



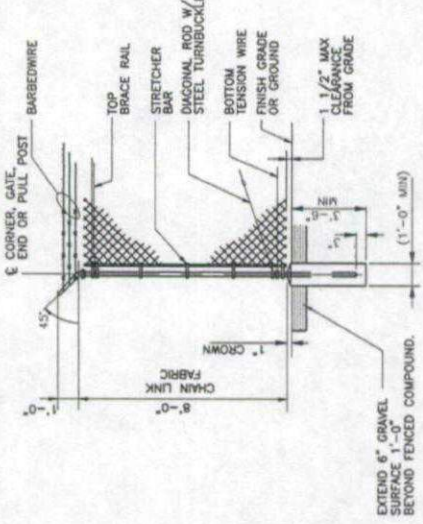
3 ACCESS DRIVE DETAIL
C-4 NOT TO SCALE



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

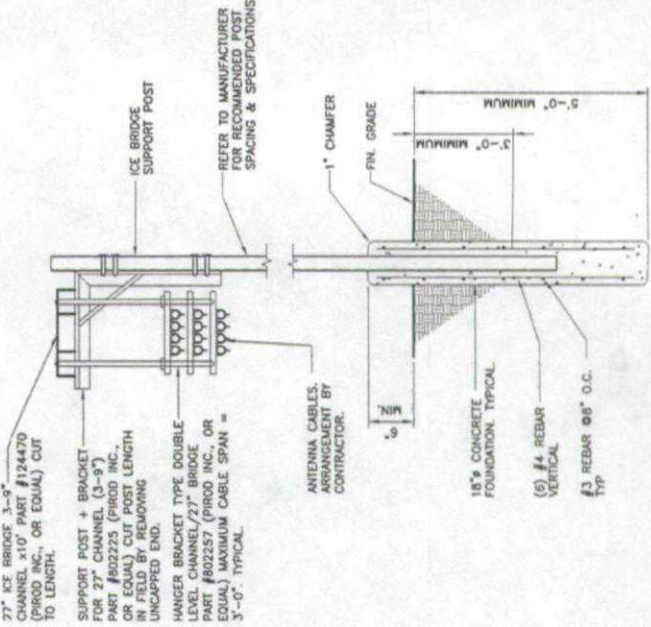


1 COMPOUND SURFACING DETAIL
C-4 NOT TO SCALE



4 WOVEN WIRE FENCE DETAIL
C-4 NOT TO SCALE

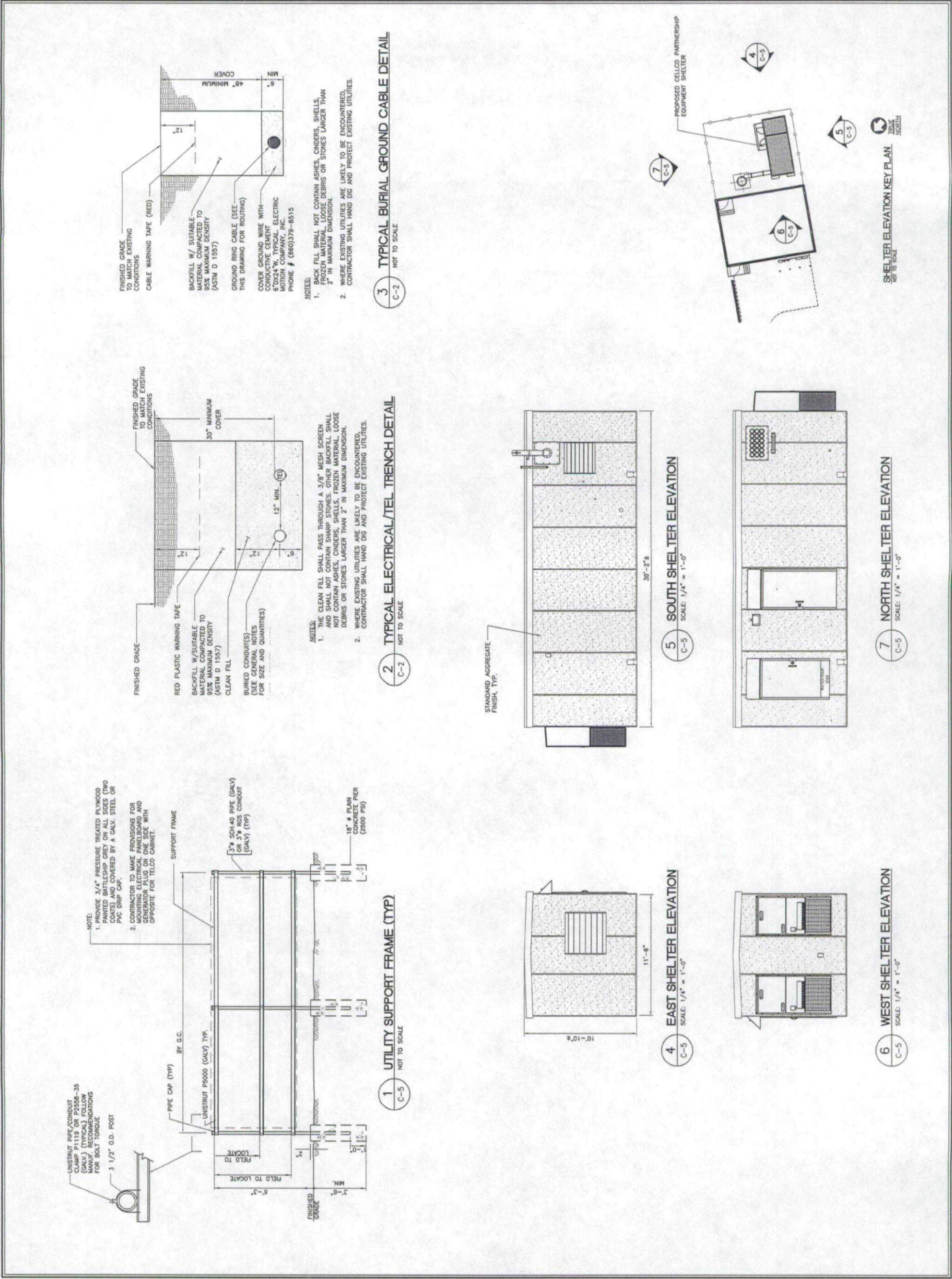
- WOVEN WIRE FENCE NOTES**
- GATE POST, CORNER, TERMINAL OR PULL POST: 2 1/2" # SCHEDULE 40 FOR GATE WIDTHS UP THRU 6 FEET OR 12 FEET FOR DOUBLE SWING GATE PER ASTM-F1083.
 - LINE POST: 2" # SCHEDULE 40 PIPE PER ASTM-F1083.
 - GATE FRAME: 1 1/2" # SCHEDULE 40 PIPE PER ASTM-F1083.
 - TOP RAIL & BRACE RAIL: 1 1/2" # SCHEDULE 40 PIPE PER ASTM-F1083.
 - FABRIC: 12 GA. CORE WIRE SIZE 2" MESH, CONFORMING TO ASTM-A392.
 - TE WIRE: MINIMUM 11 GA. GALVANIZED STEEL AT POSTS AND RAILS A SINGLE WRAP OF FABRIC TIE AND AT TENSION WIRE 67 HOG RINGS SPACED MAX 24" INTERVALS.
 - TENSION WIRE: 7 GA. GALVANIZED STEEL.
 - BARBED WIRE: DOUBLE STRAND 12-1 1/2" O.D. TWISTED WIRE TO MATCH W/FABRIC 14 GA. 4 PT. BARBS SPACED ON APPROXIMATELY 5" CENTERS.
 - GATE LATCH: DROP DOWN LOCKABLE FORK LATCH AND LOCK, KEYED ALIKE FOR ALL SITES IN A GIVEN MTA.
 - LOCAL ORDINANCE OF BARBED WIRE PERMIT REQUIREMENT SHALL BE COMPLIED WITH IF REQUIRED.
 - HEIGHT = 6" VERTICAL + 1" BARBED WIRE VERTICAL DIMENSION.



6 ICE BRIDGE DETAIL
C-4 NOT TO SCALE

C-5

DWG. 7 OF 8



REVISIONS	
00	12/13/06 SITING COUNCIL REVIEW
01	02/27/07 CT SITING COUNCIL
02	03/22/07 CT SITING COUNCIL
03	03/26/07 CT SITING COUNCIL

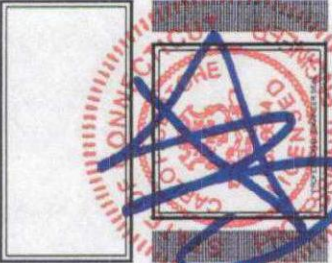
Cellco Partnership

d.b.a. **verizon**wireless

NATCOMM

Natcomm, LLC.

632 North Branford Road
Branford, Connecticut 06405
Tel: (203) 486-5280
Fax: (203) 486-5281
Consulting Engineers Project Management
Civil Structural Mechanical Electrical



WASHINGTON NORTH

(WALDRON PROPERTY)

'SITE 2'

167 NEW MILFORD TPK
NEW PRESTON, CT 06777

PROJECT NO:	05105
DRAWN BY:	DMD
CHECKED BY:	CFC
SCALE:	AS NOTED
DATE:	08/19/05

EQUIP. SHELTER
FOUNDATION
DETAILS AND NOTES

C-6

DWG. 8 OF 8

GENERAL NOTES:

GENERAL

- 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.

COMPACTED GRAVEL FILL

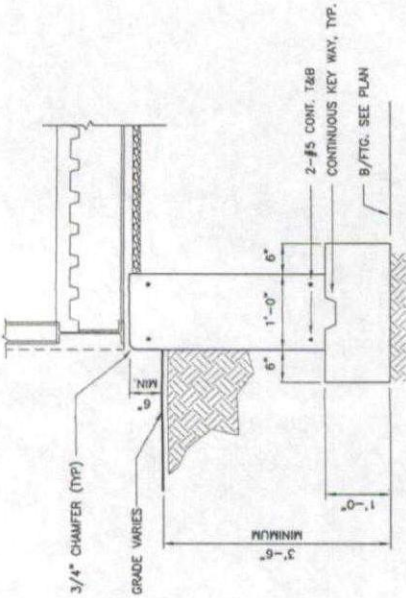
- COMPACTED GRAVEL FILL SHALL BE FURNISHED AND PLACED AS A FOUNDATION FOR STRUCTURES, WHERE SHOWN ON THE CONTRACT DRAWINGS OR DIRECTED BY THE ENGINEER.
- GRAVEL SHALL CONFORM TO THE REQUIREMENTS OF ARTICLE M.02.02 OF THE STANDARD SPECIFICATIONS, ADMIXTURES AND SURFACE PROTECTIVE MATERIALS USED TO PREVENT 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 LEVELED OFF BY THE USE OF BLADE GRADERS OR BULLDOZERS WITH ADEQUATE POWER FOR THE WORK INVOLVED. THE ENTIRE AREA OF EACH LAYER SHALL BE COMPACTED BY USE OF APPROVED VIBRATORY, PNEUMATIC-TIRED OR TREAD-TYPE ROLLERS. 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.
- GRAVEL SHALL BE MOVED AND GENTLE RUDOLING 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.

FOUNDATIONS

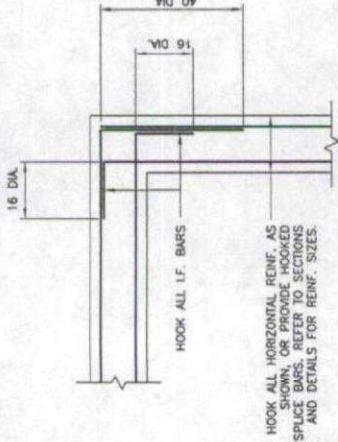
- ALL FOOTINGS SHALL BEAR ON UNDISTURBED NATURAL MATERIAL OR COMPACTED STRUCTURAL FILL HAVING AN ALLOWABLE BEARING CAPACITY 2 TONS PER SQUARE FOOT TOTAL LOAD PRESSURE.
- ELEVATIONS OF BOTTOM OF FOOTING SHOWN ON THE PLANS ARE FOR BRIDGING PURPOSES ONLY. THE EXACT ELEVATION SHALL BE DETERMINED BY THE ENGINEER AS FOUND UPON EXCAVATION. IF THE REQUIRED BEARING MATERIAL IS NOT ENCOUNTERED AT THE NOTED ELEVATIONS, NOTIFY THE ENGINEER IMMEDIATELY.

CONCRETE

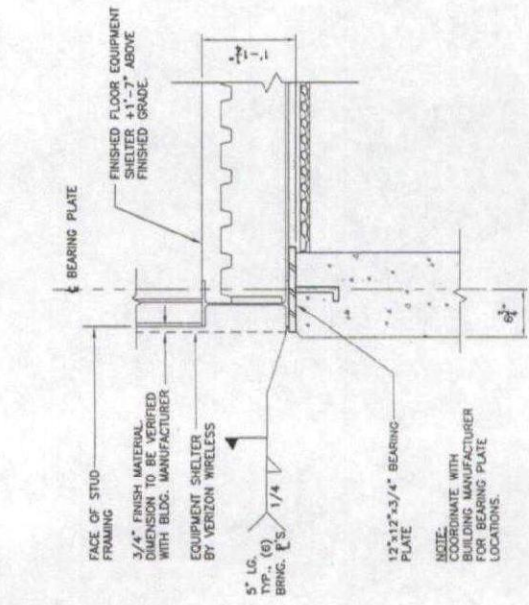
- ALL CONCRETE WORK SHALL CONFORM TO THE AMERICAN CONCRETE INSTITUTES "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS" (ACI 301).
- ALL CONCRETE WORK IS DESIGNED BY ULTIMATE STRENGTH METHODS AND SHALL BE NORMAL WEIGHT WITH A 28 DAY COMPRESSIVE STRENGTH OF 3000 PSI.
- ALL REINFORCING STEEL SHALL BE HIGH STRENGTH DEFORMED BARS CONFORMING TO ASTM A615 GRADE 60.
- ALL DETAILING, FABRICATION AND PLACING OF REINFORCING BARS SHALL BE IN ACCORDANCE WITH THE LATEST ACI MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCEMENT IN CONCRETE STRUCTURES (ACI 315).
- WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-183. WIRE MESH REINFORCEMENT MUST LAP ONE FULL MESH AT SIDE AND END LAPS, AND SHALL BE WIRE TOGETHER. MESH SHALL EXTEND WITHIN 2" OF SLAB EDGES.
- LOCATE WELDED WIRE FABRIC ONE THIRD THE SLAB THICKNESS BELOW THE TOP SURFACE. MAINTAIN LOCATION OF STEEL DURING POUR. SUPPORT MESH ON CHAIRS, SLEEVES, OR SMALL BRICK OR STONE, NOT ON WOOD OR OTHER ORGANIC MATERIALS.
- SHOP DRAWINGS AND CONCRETE ADMIXTURE PRODUCT DATA SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO COMMENCING CONSTRUCTION. DRAWINGS SHALL BE PROVIDED FOR SLABS-ON-GRADE AND CAST-IN-PLACE WALLS. ALL REINFORCING DETAILS, INCLUDING REINFORCEMENT SIZES, SPACING, LOCATIONS AND QUANTITIES SHALL BE NOTED.



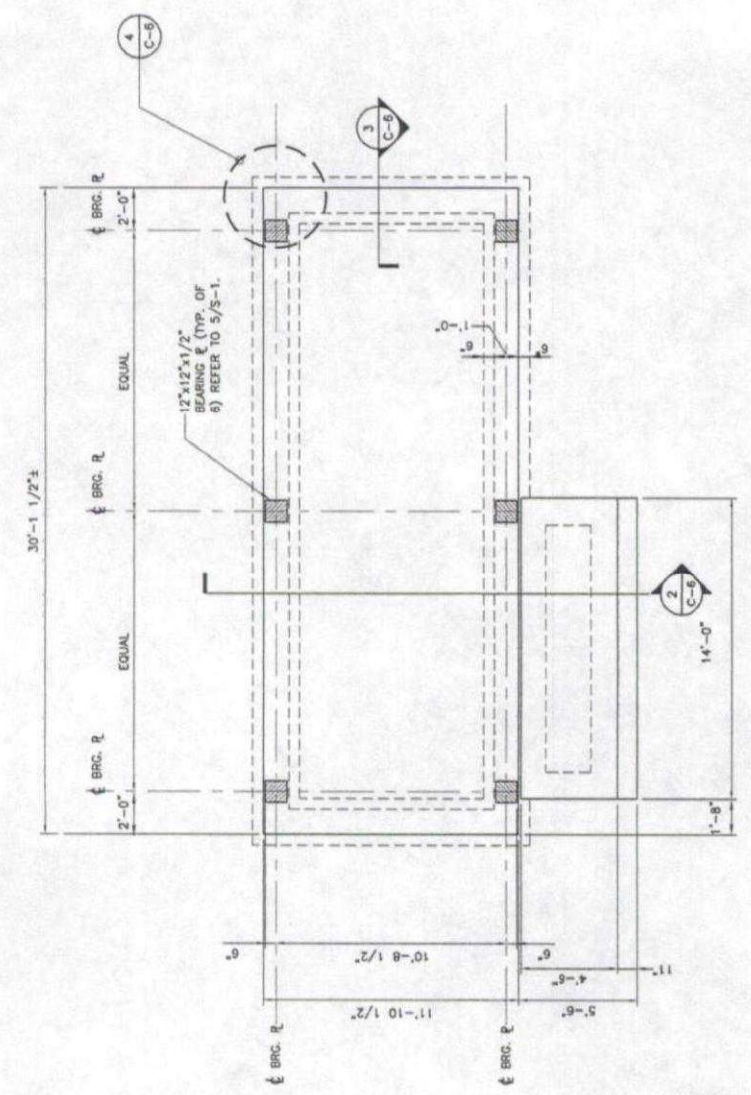
3 SECTION
C-6
SCALE: 3/4"=1'-0"



4 SECTION
C-6
NOT TO SCALE



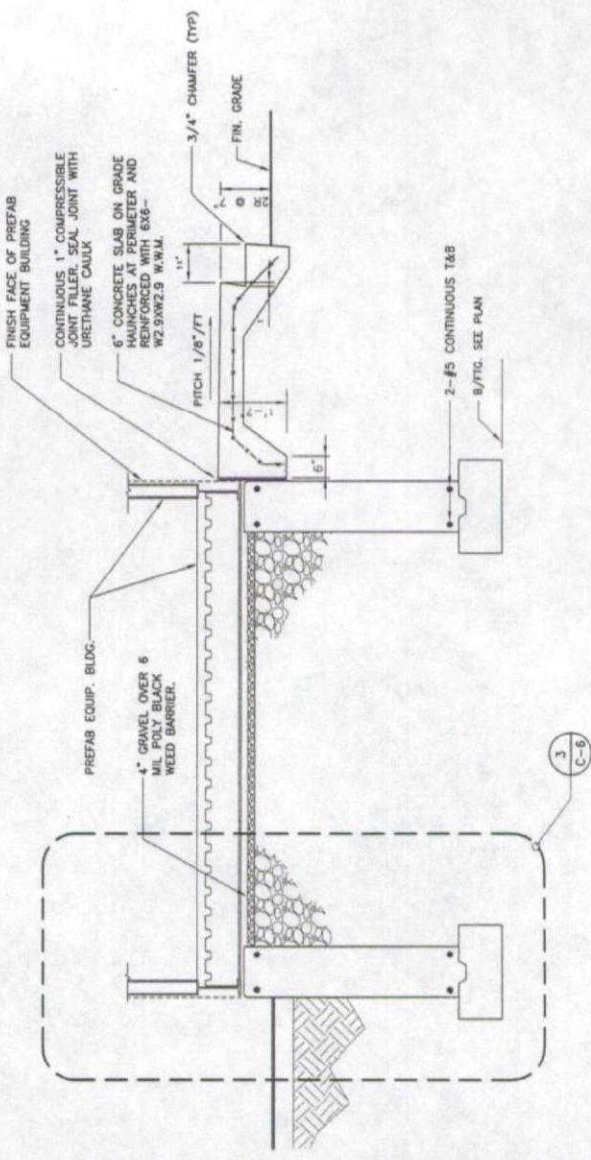
5 BUILDING TIE DOWN
C-6
SCALE: 1"=1'-0"



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

1 FOUNDATION PLAN
C-6
SCALE: 1/4"=1'-0"

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



2 TYPICAL SECTION
C-6
SCALE: 1/2"=1'-0"

6 FOUNDATION OVER LEDGE (TYPICAL)
C-6
SCALE: 3/4"=1'-0"