

ASHFORD NORTH

**174 Ashford Center Road
Ashford, Connecticut**

Description of Proposed Cell Site

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

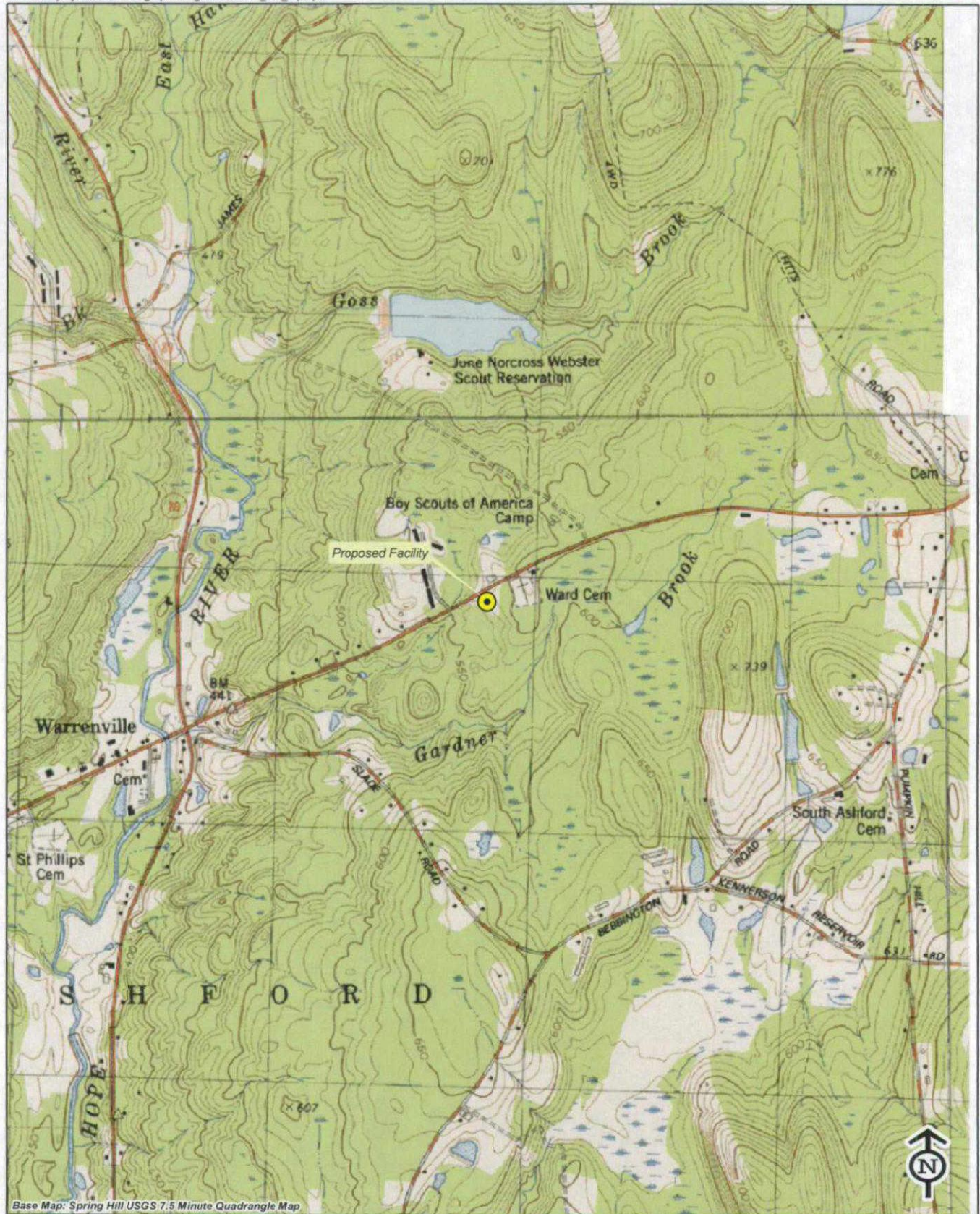
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SITE NAME: ASHFORD NORTH – 174 Ashford Center Road, Ashford, CT

GENERAL CELL SITE DESCRIPTION

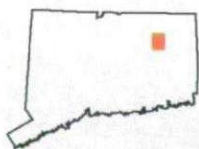
The proposed cell site would be located within a 70' x 70' fenced compound within an 100' x 100' leased area in the southerly portion of an approximately 1.96-acre parcel ("Property") owned by P&G Realty LLC at 174 Ashford Center Road in Ashford (the "Ashford North Facility"). The Ashford North Facility would consist of a 120-foot telecommunications tower and a 12' x 30' equipment shelter located near the base of the tower. Cellco antennas would be mounted at the top of the tower with their centerline at the 120-foot level. The top of the Cellco antennas would extend to an overall height of 123 feet above ground level. Vehicular access to the site would extend from Ashford Center Road over the existing Midway Restaurant parking lot, then over a new gravel driveway, a total distance of approximately 270 feet to the site compound. Utility service would extend underground from Ashford Center Road to the cell site.



1,000 500 0 1,000
Feet

Vanasse Hangen Brustlin, Inc.

Topographic Base Map
Proposed Verizon Wireless
Ashford North
Route 44
Ashford, Connecticut



Quadrangle Location





Source: 2000 Aerial Photograph

250 125 0 250
Feet



Quadrangle Location

Vanasse Hangen Brustlin, Inc.

Aerial Photograph
Proposed Verizon Wireless
Ashford North
Route 44
Ashford, Connecticut



SITE EVALUATION REPORT

SITE NAME: ASHFORD NORTH – 174 Ashford Center Road, Ashford, CT

I. LOCATION

- A. COORDINATES: 41°-52'-05.77" N 73°-08'-45.04" W
- B. GROUND ELEVATION: Approximately 588± feet AMSL
- C. USGS MAP: Spring Hill, CT
- D. SITE ADDRESS: 174 Ashford Center Road, Ashford, CT
- E. ZONING WITHIN 1/4 MILE OF SITE: Land within 1/4 mile of the cell site is zoned Commercial along Ashford Center Road and Residential/Agricultural.

II. DESCRIPTION

- A. SITE SIZE: 100' x 100' Leased Compound Area
- B. LESSOR'S PARCEL: Approximately 1.96-acres
- C. TOWER TYPE/HEIGHT: 120' Monopole Tower
123' to top of antennas
- D. SITE TOPOGRAPHY AND SURFACE: The topography in the area is relatively flat. Topography in the general area of the site slopes gently up from west to east. Minimal 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 to the rear of an open parcel. The terrain around the tower site slopes up from east to west. No wetland areas exist within or near the site compound or the access driveway. The closest wetland area is located approximately 250 feet northwest of the site compound.
- F. LAND USE WITHIN 1/4 MILE OF SITE: The Facility is located behind the Midway Restaurant. A commercial automotive repair and vehicle storage business is located to the north, north of Route 44. Land to the west is zoned commercial and has been approved for development of a retail center. To the south and east are low density residential uses and a cemetery.

III. FACILITIES

- A. POWER COMPANY: Connecticut Light and Power
- B. POWER PROXIMITY TO SITE: Approximately 300 feet to the northwest.
- 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 Ashford Center Road over an existing grave parking lot to over a new 12-foot wide gravel driveway to the site compound a total distance of approximately 270 feet.
- F. CLEARING AND FILL REQUIRED: Minimal clearing and grading would be required for construction of the tower, site compound and new access drive. Detailed construction plans would be developed after approval by the Siting Council.

IV. LEGAL

- A. PURCHASE [] LEASE [X]
- B. OWNER: P&G Realty LLC
- C. ADDRESS: 174 Ashford Center Road, Ashford, CT 06278
- D. DEED ON FILE AT: Town of Ashford, CT Land Records

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FACILITIES AND EQUIPMENT SPECIFICATION
(NEW TOWER & EQUIPMENT BUILDING)

SITE NAME: ASHFORD NORTH – 174 Ashford Center Road, Ashford, CT

I. TOWER SPECIFICATIONS:

- A. MANUFACTURER: To be determined
- B. TYPE: Self-supporting monopole
- C. TOWER HEIGHT: 120' DIMENSIONS: Approx. 48" base
Approx. 30" top

II. TOWER LOADING:

A. CELLCO EQUIPMENT:

- 1. Antennas (12)
Six (6) Model LPA-80080/6CF (70.87" x 5.51" x 13.19") Cellular
Six (6) Model LPA-185080/12CF (71.1" x 4.1" x 5.9) PCS antennas
Antenna Centerline 120' AGL
- 2. GPS Antenna: Mounted on the top of the equipment shelter
- 3. Transmission Lines:
 - a. MFG/Model: Andrews LDF5-50A
 - b. Size: 1 5/8"

III. ENGINEERING ANALYSIS AND CERTIFICATION:

The towers will be designed in accordance with Electronic Industries Association Standard EIA/TIA-222-E "Structural Standards for Steel Antenna Towers and Antenna Support Structures." The foundation designs would be based on soil conditions at the site. Details for the towers and foundation designs will be provided as a part of the final D&M Plan.

ENVIRONMENTAL ASSESSMENT STATEMENT

SITE NAME: ASHFORD NORTH – 174 Ashford Center Road, Ashford, 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 access drive, tower or equipment shelter. 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

Minimal 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 Cellular and PCS antennas at the Ashford North facility would be 11.34% of the Standard.

F. VISIBILITY

See Visual Resource Evaluation Report included as Attachment 9.

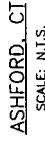
Cellco Partnership
d.b.a. **verizon**wireless

Dewberry
Dewberry-Goodkind, Inc.
59 ELM STREET
SUITE 101
NEW HAVEN, CT 06510
203.776.2277 PHONE
203.776.2288 FAX

PROJECT TYPE: BDGCO

174 ASHFORD CENTER ROAD

ASHFORD, CT 06278



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INDIVIDUAL PRINTER SETTINGS

THE SCOPE OF WORK SHALL INCLUDE:

- DRIVING DIRECTIONS FROM HARTFORD, CT:

NOTE:

1. THIS DOCUMENT WAS DEVELOPED TO REFLECT A SPECIFIC SITE AND ITS SITE CONDITIONS AND IS NOT TO BE USED FOR ANOTHER SITE OR WHEN OTHER CONDITIONS PERTAIN. REUSE OF THIS DOCUMENT IS AT THE SOLE RISK OF THE USER.

SITE NAME: ASHFORD NORTH
SITE ADDRESS: 174 ASHFORD CENTER RD
ASHFORD, CT 06276
PROPERTY OWNER: P & G REALTY, LLC
LESSEE: CELCO PARTNERSHIP
d.b.a VERIZON WIRELESS
99 EAST RIVER DR
EAST HARTFORD, CT 06108
APPLICANT: CELCO PARTNERSHIP
d.b.a VERIZON WIRELESS
99 EAST RIVER DR
EAST HARTFORD, CT 06108
CONTACT PERSON: SANDY CARTER
CELCO PARTNERSHIP
d.b.a VERIZON WIRELESS
(860) 803-8219
COORDINATES: LATITUDE: N 41°-52'-05.77"

SHEET INDEX	
SHEET NO.	DESCRIPTION
T-1	TITLE SHEET
S-1	PLOT PLAN
S-2	ABUTTERS MAP
S-3	DETAILED SITE PLAN & ELEVATION
S-3A	TREE SCREENING & PLANTING DETAILS
S-4	CONSTRUCTION DETAILS
S-5	SHELTER FOUNDATION DETAILS
S-6	FENCE NOTES & DETAILS AND SITE DETAILS
S-7	ACCESS DRIVE, UTILITY, & EROSION CONTROL NOTES & DETAILS
S-8	EQUIPMENT SHELTER PLAN & ELEVATIONS

DEWBERRY P.N. 4363-17

SHEET NO.



No.	DATE	By	Description
2	05/30/07	CMS	FINAL C.S.C.
1	03/22/07	CMS	SITING COUNCIL
0	02/09/07	CMS	SITING COUNCIL

REVISIONS

**ASHFORD
NORTH**
174 ASHFORD
CENTER ROAD
ASHFORD, CT 06278

SITE NAME / ADDRESS

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APPROVED BY	CKD
CHECKED BY	CKD
DATE	02/08/07

SHEET TITLE:

**ABUTERS
MAP**

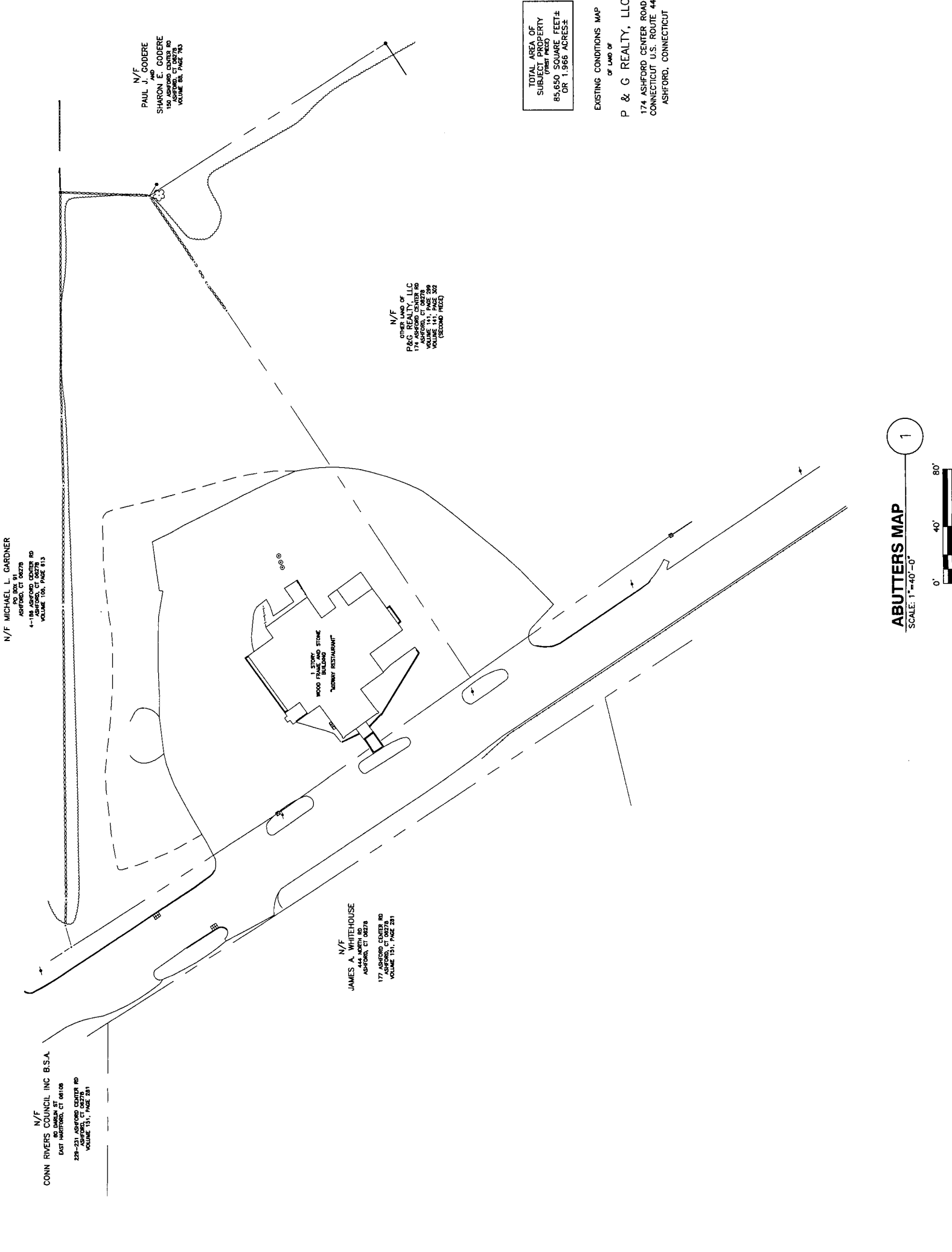
Dewberry P.N. 4363-17

S-2

SHEET NO.

REFERENCE NOTE:
THIS DRAWING WAS DEVELOPED USING
INFORMATION TAKEN FROM A SURVEY
DRAWING TITLED "EXISTING CONDITIONS MAP
OF LAND OF P&G REALTY, LLC" DATED
12/19/2006, DONE BY STEIN SURVEY,
WESTBROOK, CT 06498

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TOTAL AREA OF
SUBJECT PROPERTY
85,650 SQUARE FEET±
OR 1.966 ACRES±

EXISTING CONDITIONS MAP
OF LAND OF
P & G REALTY, LLC
174 ASHFORD CENTER ROAD
CONNECTICUT U.S. ROUTE 44
ASHFORD, CONNECTICUT

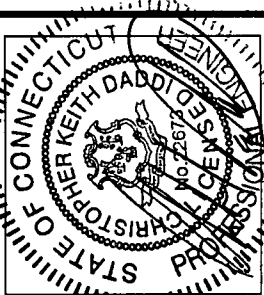
N/F
P&G REALTY, LLC
174 ASHFORD CENTER RD
ASHFORD, CT 06278
VOLUME 111, PAGE 202
(SECOND PAGES)

N/F
PAUL J. GODERE
SHARON E. GODERE
150 ASHFORD CENTER RD
ASHFORD, CT 06278
VOLUME 88, PAGE 783

N/F MICHAEL L. GARDNER
PO BOX 94
ASHFORD, CT 06278
4-184 ASHFORD CENTER RD
ASHFORD, CT 06278
VOLUME 106, PAGE #13

N/F
CONN RIVERS COUNCIL INC B.S.A.
60 DUNDAS CT
EAST HAVEN, CT 06424
228-231 ASHFORD CENTER RD
ASHFORD, CT 06278
VOLUME 131, PAGE 281

N/F
JAMES A. WHITEHOUSE
444 ROCKY RD
ASHFORD, CT 06278
177 ASHFORD CENTER RD
ASHFORD, CT 06278
VOLUME 131, PAGE 281



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ASHFORD NORTH
174 ASHFORD CENTER ROAD
ASHFORD, CT 06278

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DATE	02/08/07

SHEET TITLE:
TREE SCREENING & SCREENING PLANTING DETAILS

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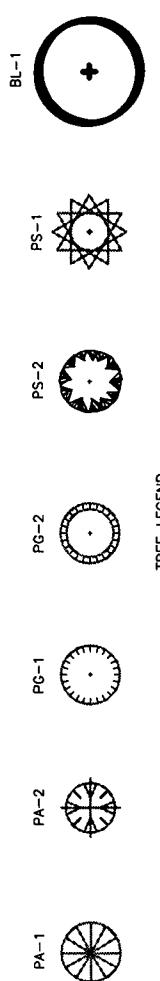
S-3A

SHEET NO.

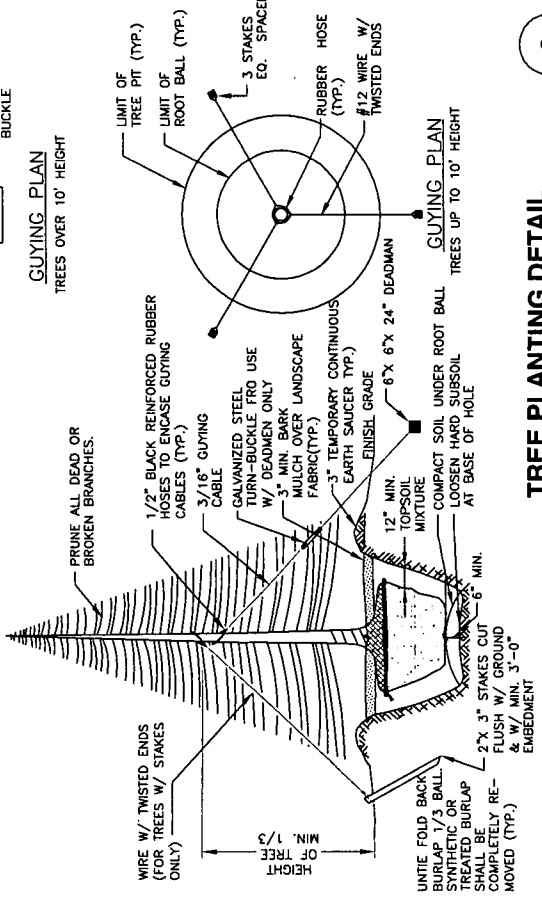
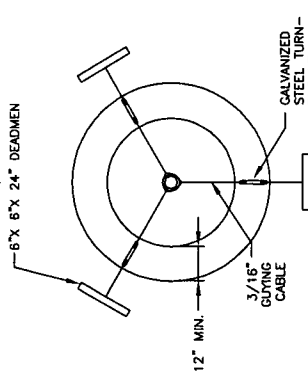


PLANTING PLAN		
QUANTITY	DESIGNATION	TYPE & HEIGHT
9	BL	BLACK BIRCH 7'-8"
13	PS-1	WHITE PINE 8'-10"
11	PS-2	WHITE PINE 6'-7"
5	PG-1	WHITE SPRUCE 8'-10"
4	PG-2	WHITE SPRUCE 7'-8"
13	PA-1	NORWAY SPRUCE 8'-10"
3	PA-3	NORWAY SPRUCE 7'-8"

NOTES:
1) SPACING OF PLANTS SHALL BE AS SHOWN.
2) EXISTING ARBOR VITAE AROUND VERIZON WIRELESS SHELTER CAN REMAIN OR BE REMOVED AS REQUIRED.



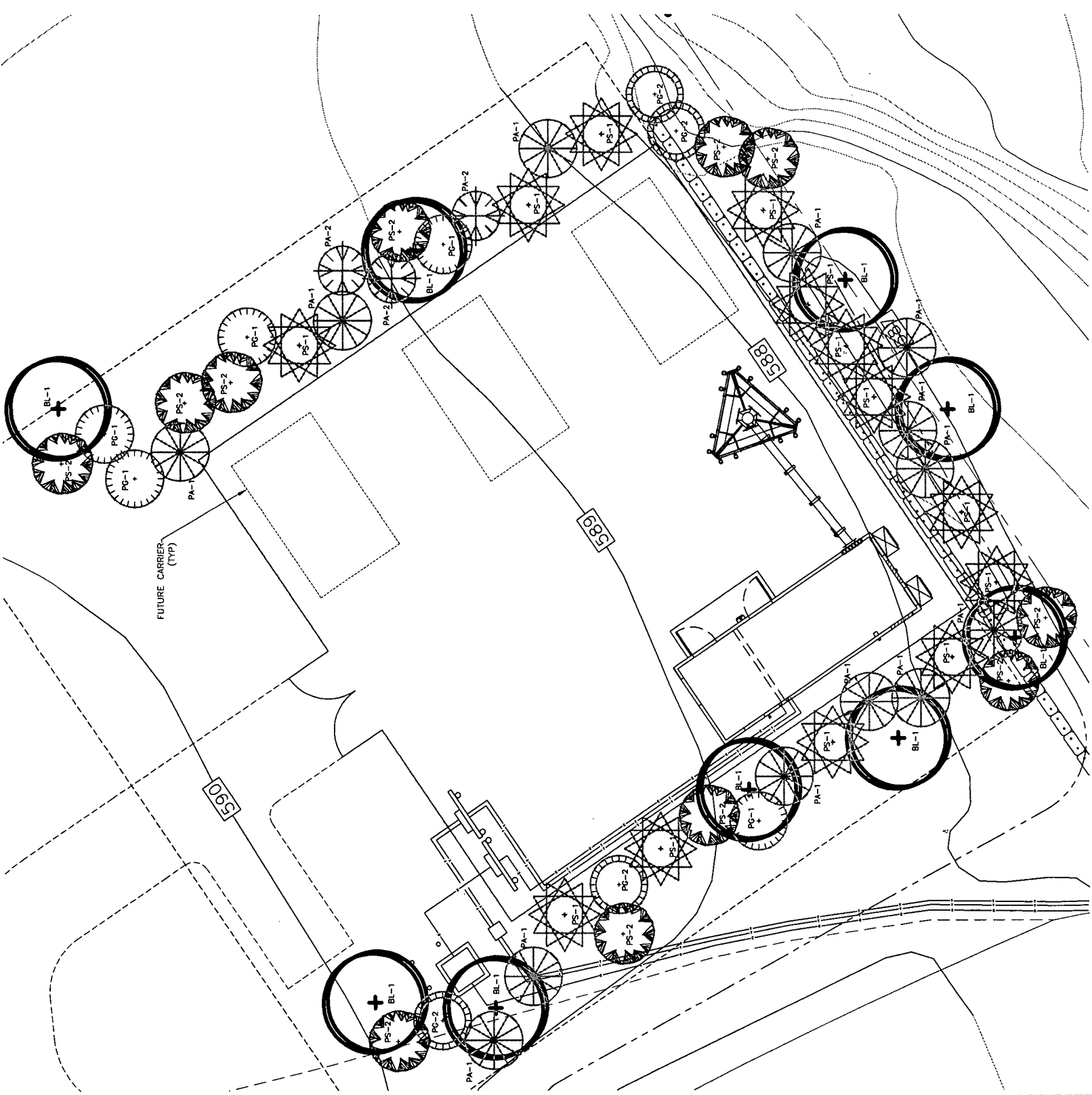
TREE LEGEND



TREE PLANTING DETAIL

SCALE: N.T.S.

NOTE:
1. ALL TREES, SHRUBS AND TOPSOIL MIX MUST MEET THE LATEST CURRENT VERSION OF THE STANDARDS SET BY THE NATIONAL ASSOCIATION OF NURSERYMEN.

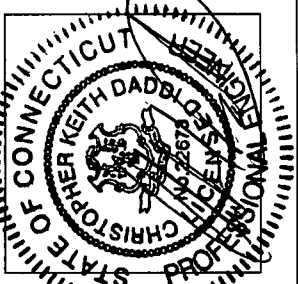


TREE SCREENING PLAN

SCALE: 1/8"=1'-0"



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REVISIONS

**ASHFORD
NORTH**
174 ASHFORD
CENTER ROAD
ASHFORD, CT 06278

SITE NAME / ADDRESS

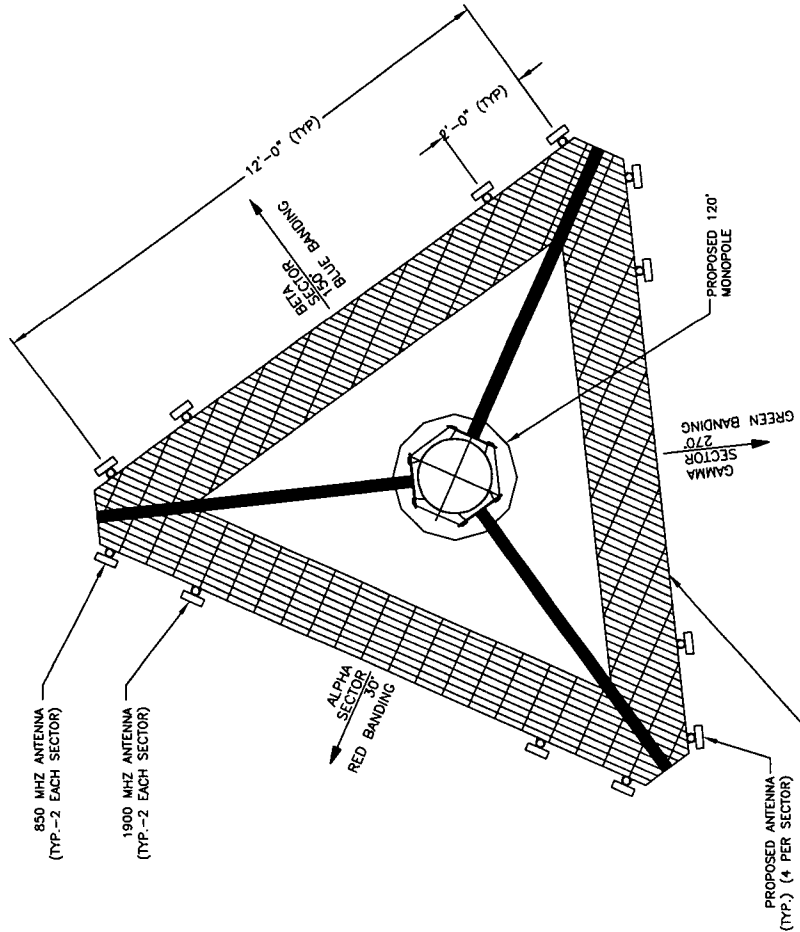
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DATE 02/08/07
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**CONSTRUCTION
DETAILS**

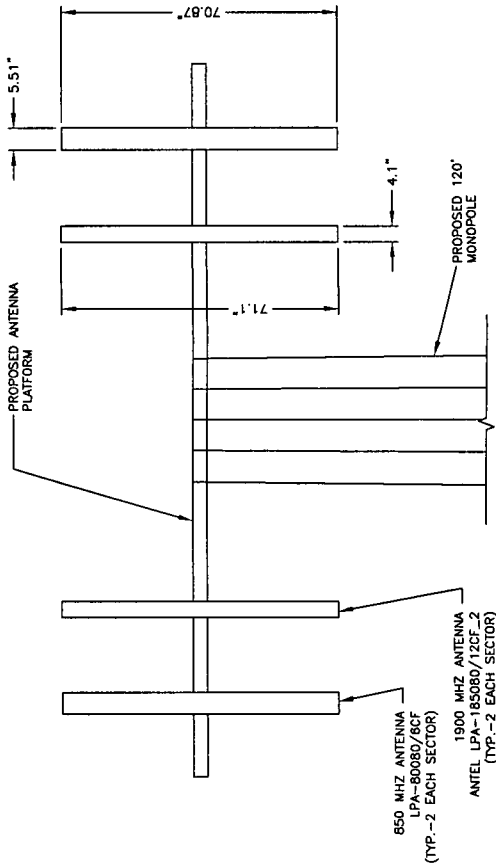
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S-4

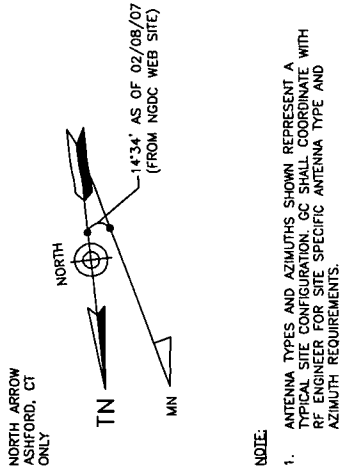
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ANTENNA AZIMUTH DETAIL
SCALE: N.T.S.

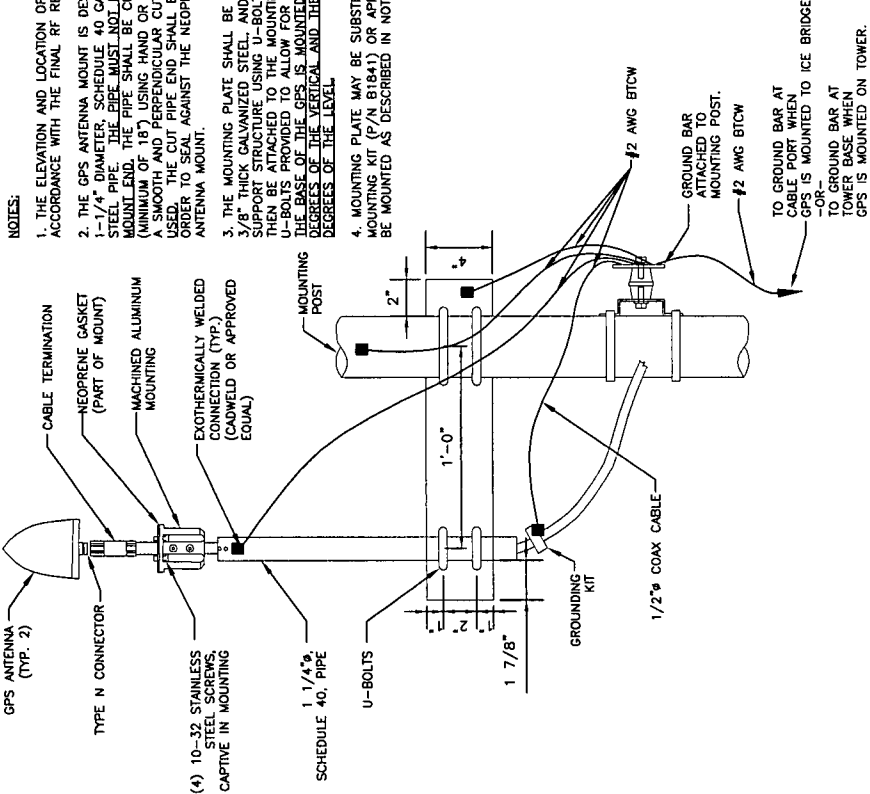


ANTENNA CONFIGURATION DETAIL
SCALE: N.T.S.

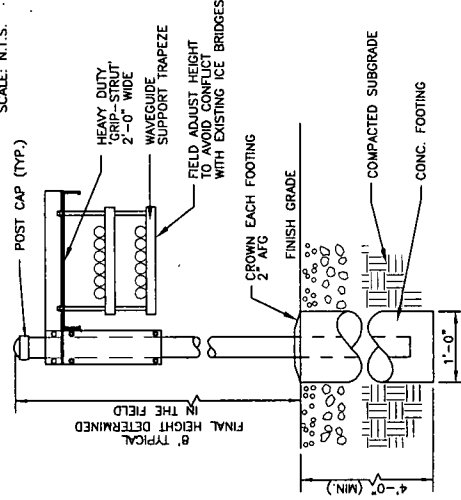


NOTE:
1. ANTENNA TYPES AND AZIMUTHS SHOWN REPRESENT A TYPICAL SITE CONFIGURATION. GC SHALL COORDINATE WITH RF ENGINEER FOR SITE SPECIFIC ANTENNA TYPE AND AZIMUTH REQUIREMENTS.

- NOTES:
1. THE ELEVATION AND LOCATION OF THE GPS ANTENNA SHALL BE IN ACCORDANCE WITH THE FINAL RF REPORT.
 2. THE GPS ANTENNA MOUNT IS DESIGNED TO FASTEN TO A STANDARD 1-1/4" DIAMETER, SCHEDULE 40 GALVANIZED STEEL OR STAINLESS STEEL PIPE. THE PIPE MUST NOT BE THREADED AT THE ANTENNA MOUNT END. THE PIPE SHALL BE CUT TO THE REQUIRED LENGTH (MINIMUM OF 16" USING HAND OR ROTARY CUTTER) TO ASSURE THE MOUNTING PLATE IS FLAT AND THE CUT END SHALL BE USED. THE CUT PIPE END SHALL BE DEBURRED AND SMOOTH IN ORDER TO SEAL AGAINST THE NEOPRENE GASKET ATTACHED TO THE ANTENNA MOUNT.
 3. THE MOUNTING PLATE SHALL BE FABRICATED AS SHOWN USING 1/2" (MIN) THICK PLATE STEEL. THE MOUNTING PLATE SHALL HAVE SUPPORT STRUCTURE USING U-BOLTS. THE SUPPORT PIPE SHALL THEN BE ATTACHED TO THE MOUNTING PLATE USING THE OVERSIZED U-BOLTS PROVIDED TO ALLOW FOR ADJUSTMENT. IT IS CRITICAL THAT THE BASE OF THE GPS IS MOUNTED SUCH THAT IT IS WITHIN 2 DEGREES OF THE VERTICAL AND THE BASE OF THE GPS IS WITHIN 2 DEGREES OF THE LEVEL.
 4. MOUNTING PLATE MAY BE SUBSTITUTED WITH VALMONT UNIVERSAL MOUNTING KIT (P/N 81841) OR APPROVED EQUAL. GPS BASE MUST BE MOUNTED AS DESCRIBED IN NOTE 3.

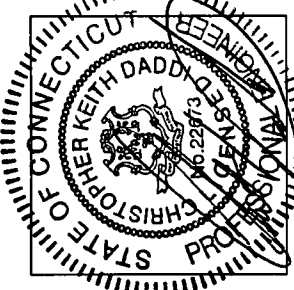


GPS ANTENNA DETAIL
SCALE: N.T.S.



ICE BRIDGE DETAIL
SCALE: N.T.S.

- NOTES:
1. ICE BRIDGE SHALL BE VALMONT GRIP STRUT TRANSMISSION LINE BRIDGE KIT (P/N: B2959) OR APPROVED EQUAL.
 2. CABLE SUPPORT SHALL BE VALMONT DOUBLE LEVEL CHANNEL (P/N: 802264) OR APPROVED EQUAL.
 3. ALL COMPONENTS SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS.
 4. CONTRACTOR SHALL DETERMINE REQUIRED QUANTITY OF ALL ICE BRIDGE COMPONENTS.
 5. SNAP-IN HANGERS, SPLICE KITS, HINGE KITS, EXTENSION KITS, STIFFENERS, AND OTHER MISCELLANEOUS HARDWARE SHALL BE PROVIDED BY THE CONTRACTOR AS REQUIRED.
 6. ICE BRIDGE SHALL BE ROUTED TO ACCOMMODATE THE MINIMUM BENDING RADIUS OF THE COAXIAL CABLE.
 7. ICE BRIDGE COMPONENTS SHOWN ARE SCHEMATIC. CONSULT MANUFACTURER FOR EXACT AND CURRENT SPECIFICATIONS.



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2	05/30/07	CMS	FINAL C.S.C.
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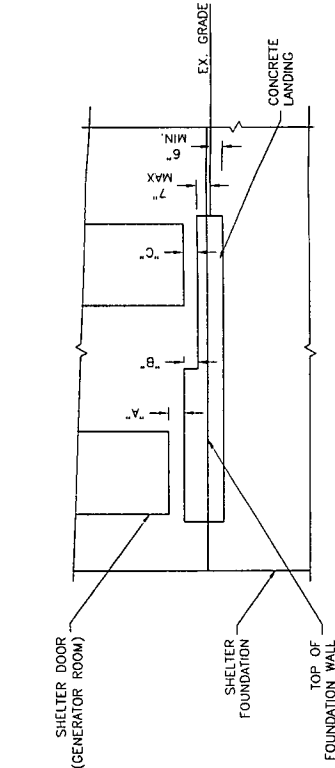
SHELTER
FOUNDATION
DETAILS

DEWBERRY P.N. 4363-17

S-5

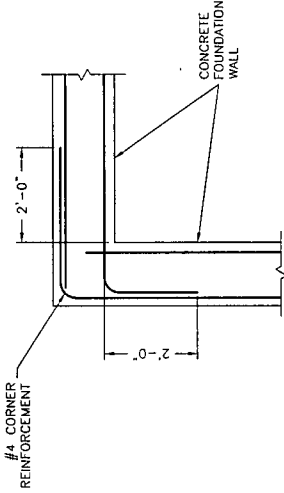
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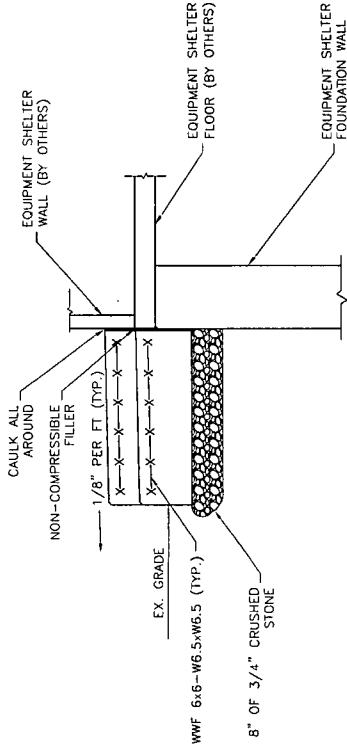


DIMENSION	FOR CONDITIONS/SHELTER SPECIFIED IN THESE PLANS	FOR CONDITIONS/SHELTER OTHER THAN SPECIFIED IN THESE PLANS
A	8"	4" MIN. - 8" MAX.
B	7"	4" MIN. - 7" MAX.
C	7"	4" MIN. - 8" MAX.

2 CONCRETE LANDING DETAIL
C-4 NOT TO SCALE



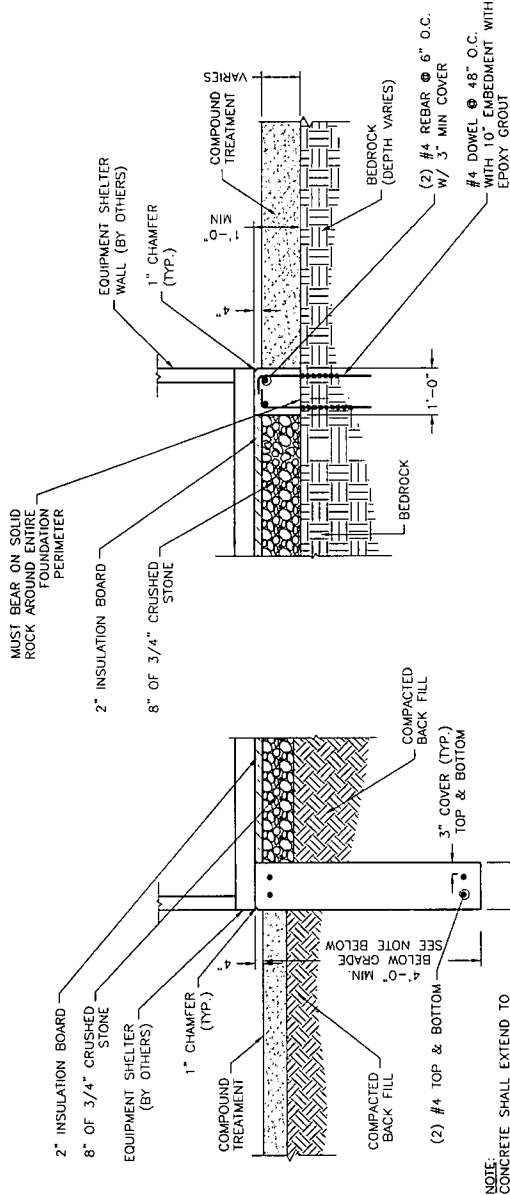
5 CORNER LAP DETAIL
C-4 NOT TO SCALE



6 CONCRETE LANDING
C-4 NOT TO SCALE

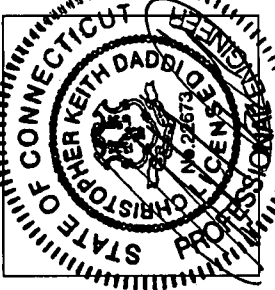
- FOUNDATION NOTES:
- PRIOR TO CONSTRUCTION, SEE PREFABRICATED SHELTER & FOUNDATION NOTES AT THE BEGINNING OF THESE PLANS.
 - TOP OF FOUNDATION SHALL BE FLAT AND LEVEL TO PROVIDE FULL BEARING OF SHELTER.
 - PRIOR TO POURING CONCRETE, REBAR MUST BE BONDED TO GROUND RING ACCORDING TO DETAILS IN ELECTRICAL NOTES ON SHEET E-1. (GENERAL CONTRACTOR SHALL COORDINATE WITH LOCAL INSPECTOR TO DETERMINE IF BONDING REQUIRES INSPECTION PRIOR TO CONCRETE POUR)
 - BEARING SHIMS PROVIDED WITH SHELTER BY SHELTER MANUFACTURER. INSTALL PER SHELTER MANUFACTURER SPECIFICATIONS.
 - OUTSIDE DIMENSIONS OF FOUNDATION ARE PER MANUFACTURER'S SPECIFICATIONS AND SHALL NOT BE CHANGED WITHOUT PRIOR APPROVAL OF ENGINEER AND MANUFACTURER.

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



3 SECTION
C-4 SCALE: 1/2"=1'-0"





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SITE NAME / ADDRESS

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APPROVED BY	CKD
CHECKED BY	CKD
DATE	02/08/07

**FENCE NOTES
& DETAILS
AND SITE
DETAILS**

DWBERRY P.N. 4363-17

S-6

SHEET NO.

CHAIN LINK FENCE NOTES AND SPECIFICATIONS:

NOTES:

1. ALTERNATE FOOTINGS FOR ALL FENCE POSTS IN LEDGE: IF LEDGE IS ENCOUNTERED AT GRADE, OR AT A DEPTH SHALLOWER THAN 3'-6" CORE DRILL 18" DIA HOLE 18" INTO THE LEDGE. CENTER POST IN HOLE. FILL WITH CONCRETE. IF LEDGE IS DEEPER THAN 3'-6" CORE DRILL 18" DIA HOLE 18" INTO THE SECTION OF POST WITH COAL TAR, AND BACKFILL WITH WELL-DRAINING GRAVEL.
 2. ATTACH GATE WITH 1-1/2" PAIR OF NON-LIFT-OFF TYPE, MALLEABLE IRON OR FORGING, PIN-TYPE HINGES. ASSEMBLES SHALL ALLOW FOR 180° OF GATE TRAVEL.
- QUALITY ASSURANCE**
1. INSTALL FENCING PER ASTM F-567, SWING GATES PER ASTM F-900
 2. COMPLY WITH STANDARDS OF THE CHAIN LINK FENCE MANUFACTURER'S INSTITUTE
 3. PROVIDE STEEL FENCE AND RELATED GATES AS PRODUCED BY A SINGLE MANUFACTURER, INCLUDING NECESSARY ERECTION ACCESSORIES, FITTINGS, AND FASTENINGS
 4. COMPLY WITH ASTM A-120 FOR REQUIREMENTS OF SCHEDULE 40 PIPING
 5. LOCAL ORDINANCE OF BARBED WIRE PERMIT REQUIREMENT SHALL BE COMPLIED IF REQUIRED.
 6. HEIGHT = 7' VERTICAL + 1' BARBED WIRE VERTICAL DIMENSION.

FINISHES:

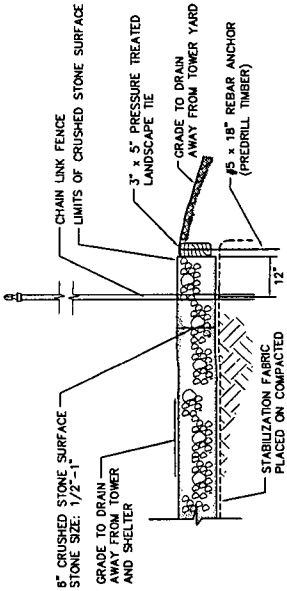
1. STEEL FRAMEWORK:
PIPE - GALVANIZED IN ACCORDANCE WITH ASTM A-120, 2.0 OZ. ZINC PER SQ. FT. GLASS "B" STEEL TUBING - EXTERIOR: 1.0 OZ ZINC PER SQ. FT PLUS A COATING OF CHROMATE AND POLYURETHANE. INTERIOR: ZINC RICH ORGANIC COATING.
2. FABRIC: ALUMINUM FINISH - ASTM A-491 ALUMINUM COATED WITH 0.40 OZ PER SQ. FT.
3. FENCE AND GATE HARDWARE, MISCELLANEOUS MATERIALS, ACCESSORIES: WIRE TIES - GALVANIZED FINISH, ASTM A-90 2.0 OZ PER SQ. FT. HARDWARE AND OTHER MISCELLANEOUS ITEMS - GALVANIZED FINISH, ASTM A-153 (TABLE 1) ANGLE BEAMS, 1 BEAMS, AND STEEL SHAPES - GALVANIZED IN ACCORDANCE WITH ASTM A-123, 2.0 OZ ZINC PER SQ. FT.
4. BARBED WIRE: ALUMINUM FINISH - ASTM A-585 CLASS 2, 0.30 OZ PER SQ. FT.

PRODUCTS:

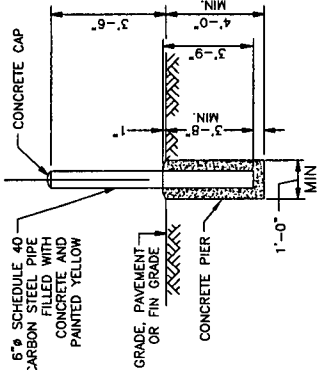
1. STEEL FRAME WORK: END POSTS, CORNER POSTS, PULL POSTS AND LINE POSTS - CLASS B STEEL TUBING - 2.875" OD, 4.64 LB PER LINEAR FT; SS-40 FENCE PIPE
2. STEEL FABRIC: ONE PIECE WIDTHS FOR FENCE HEIGHTS UP TO 12'-0"; CHAIN LINK NO. 9 GAUGE, 2 INCH MESH; SELVAGES: TOP SIDE TWISTED AND BARBED, BOTTOM SIDE KNUCKLED.
3. SWING GATE POSTS: PIPE - 4" OD, 9.11 LB PER LINEAR FT (SCHEDULE 40)
4. SWING GATE FRAMES: CLASS B STEEL TUBING - 1.90" OD, 2.28 LB PER LINEAR FT; SS-40 FENCE PIPE
5. GATE HARDWARE: HINGES - NON-LIFT-OFF TYPE, OFFSET TO PERMIT 180° DOOR SWING, AND OF SUITABLE SIZE AND WEIGHT TO SUPPORT GATE. PROVIDE 1 1/2" PAIR OF HINGES FOR EACH LEAF OVER 6' HIGH. LATCH - PROVIDE INDUSTRIAL SINGLE LEAF LATCH BY CARGO PROTECTORS, INC. (OR APPROVED EQUAL) AS SUPPLIED BY AFSCO FENCE SUPPLY CO. (OR SIMILAR VENDOR) FOR ALL DOUBLE SWING GATES OVER 10' IN TOTAL WIDTH.
6. RAILS AND POST BRACES: CLASS B STEEL TUBING - 1.660 INCHES OD, 1.84 LB PER LINEAR FT; SS-40 FENCE PIPE
7. POST TOPS: STEEL, WROUGHT IRON, OR MALLEABLE IRON.
8. STRETCHER BARS: ONE PIECE EQUAL TO FULL HEIGHT OF FABRIC, MINIMUM CROSS-SECTION 3/16" x 3/4".
9. METAL BANDS (FOR STRETCHER BARS): STEEL, WROUGHT IRON, OR MALLEABLE IRON, TO SECURE STRETCHER BARS TO END, CORNER, PULL GATE POSTS.
10. WIRE TIES: FOR TYING FABRIC TO LINE POSTS, RAILS AND BRACES - 9 GAUGE STEEL WIRE
11. TRUSS RODS: 3/8" DIA.
12. ANGLE BEAMS, 1 BEAMS AND STEEL SHAPES: ASTM A-36
13. BOLTS AND NUTS: ASTM A-307, GRADE A
14. CONCRETE: MINIMUM 3000 PSI AT 28 DAYS
15. BARBED WIRE: WITH 14 GAUGE 4-POINT STEEL BARBS SPACED 5" O.C. EXTENSION ARMS: PRESSED STEEL, WROUGHT IRON, OR MALLEABLE IRON, COMPLETE WITH PROVISION FOR ANCHORAGE TO POSTS AND ATTACHING 3 ROWS OF BARBED WIRE TO EACH ARM. PROVIDE THE FOLLOWING TYPE: SINGLE 45° ARM, ONE FOR EACH POST; INSTALL EXTENSION ARMS WITH OUTWARD CAMBER TOWARD OUTSIDE OF TOWER YARD.

INSTALLATION:

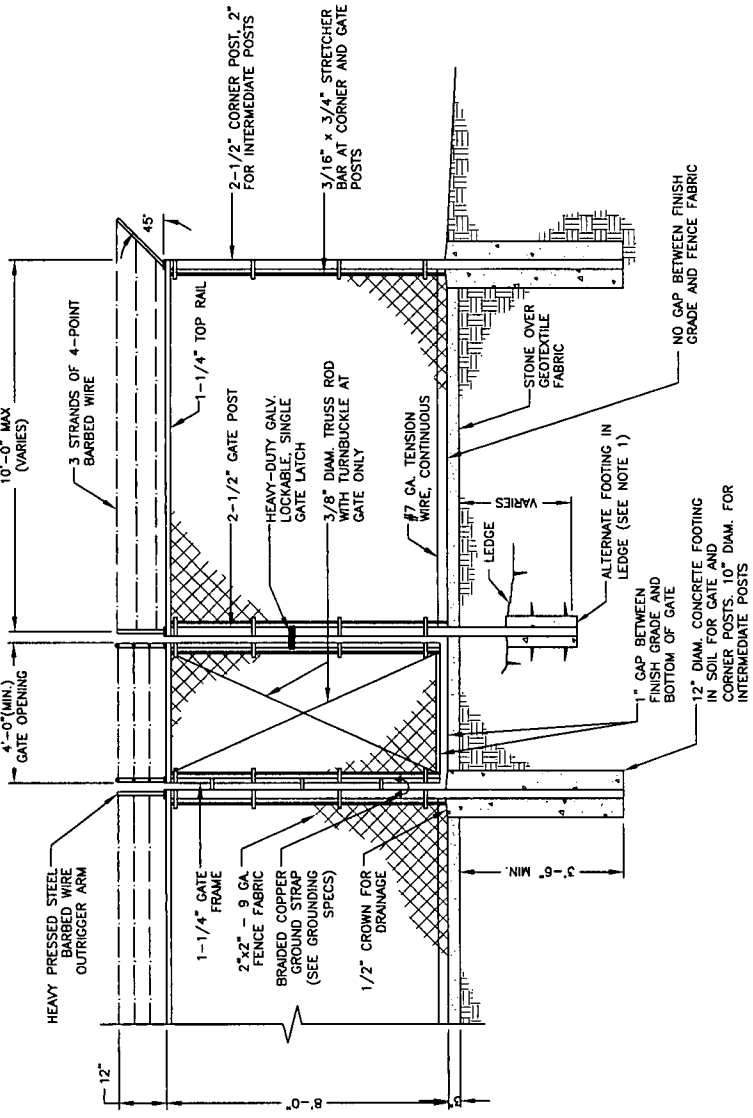
1. SPACE POSTS EQUIDISTANT IN THE FENCE LINE WITH A MAXIMUM OF 10' ON CENTER
2. LOCATE CORNER POSTS AT CORNERS AND AT CHANGES IN DIRECTION.
3. INSTALL BRACE AND BOTTOM RAILS IN ONE PIECE BETWEEN POSTS AND FLUSH WITH POST ON FABRIC SIDE USING SPECIAL OFFSET FITTINGS WHERE NECESSARY.
4. DIAGONALLY BRACE CORNER POSTS, PULL POSTS, AND TERMINATE POSTS TO ADJACENT LINE POSTS WITH TRUSS RODS AND TURNBUCKLES
5. ATTACH FABRIC TO SECURITY SIDE OF FENCE. MAINTAIN A 2" CLEARING ABOVE FINISHED GRADE EXCEPT WHEN INDICATED OTHERWISE. THREAD STRETCHER BARS THROUGH FABRIC USING ONE BAR FOR EACH GATE AND END POST AND TWO FOR EACH CORNER AND PULL POST. PULL FABRIC TIGHT SO THAT THE MAXIMUM DEFLECTION OF FABRIC IS 2" WHEN A PULL IS EXERTED PERPENDICULAR TO THE CENTER OF A PANEL. MAINTAIN TENSION BY SECURING STRETCHER BARS TO POSTS WITH METALS BANDS SPACED 15" O.C. FOR RAILS AND BRACES. BEND BACK WIRE ENDS TO PREVENT INJURY. TIGHTEN STRETCHER BAR BANDS, WIRE TIES, AND OTHER FASTENERS SECURELY.
6. POSITION BOLTS FOR SECURING METAL BANDS AND HARDWARE SO NUTS ARE LOCATED OPPOSITE THE FABRIC SIDE OF FENCE. TIGHTEN NUTS AND SCORE EXCESS THREADS. SECURE POST TOPS, EXTENSION ARMS, AND CAPS WITH ONE-WAY CADMIUM PLATED STEEL SCREWS.
7. INSTALL GATES PLUMB AND LEVEL AND ADJUST FOR FULL OPENING WITHOUT INTERFERENCE. INSTALL GROUND-SET ITEMS IN CONCRETE FOR ANCHORAGE, AS RECOMMENDED BY A FENCE MANUFACTURER. ADJUST HARDWARE FOR SMOOTH OPERATION AND LUBRICATE WHERE NECESSARY.



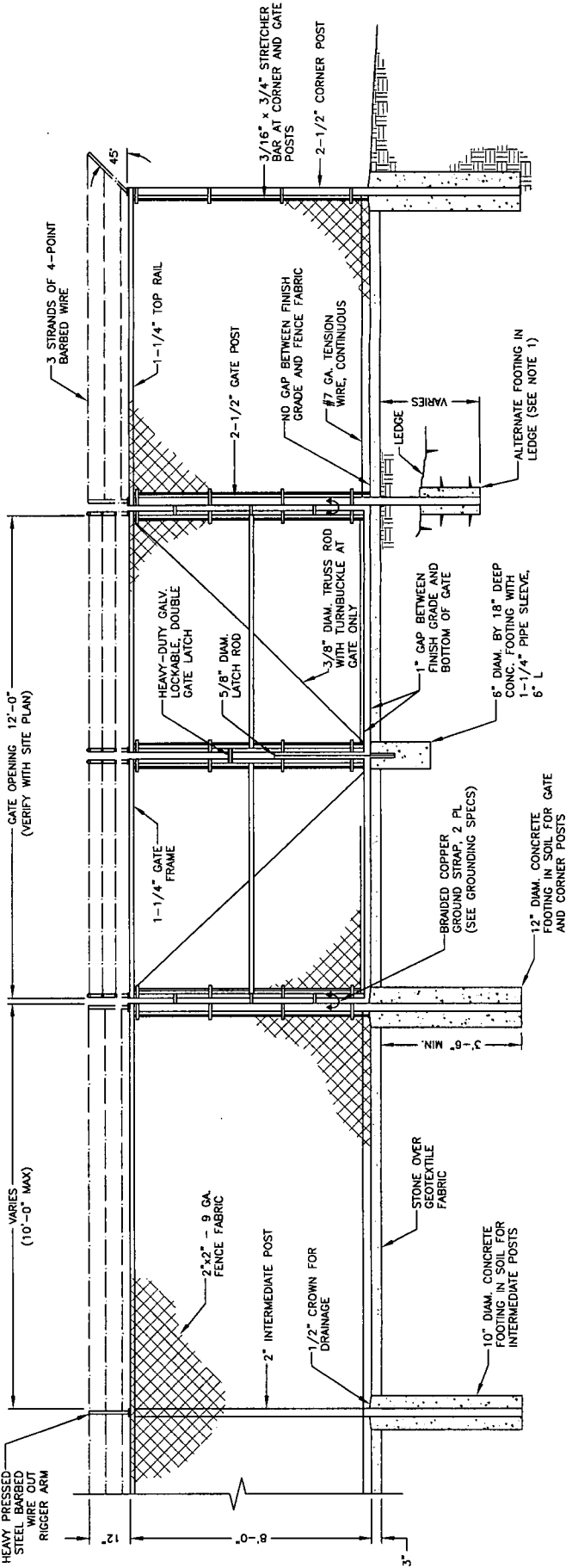
GRAVEL YARD SECTION
SCALE: N.T.S.



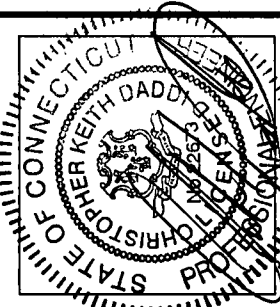
BOLLARD DETAIL
SCALE: N.T.S.



TYPICAL CHAIN LINK FENCE AND MAN GATE
SCALE: N.T.S.



TYPICAL CHAIN LINK FENCE AND ACCESS GATE
SCALE: N.T.S.



No.	DATE	BY	Description
2	05/30/07	CMS	FINAL C.S.C.
1	03/22/07	CMS	SITING COUNCIL
0	02/08/07	CMS	SITING COUNCIL

REVISIONS

**ASHFORD
NORTH**
174 ASHFORD
CENTER ROAD
ASHFORD, CT 06278

SITE NAME / ADDRESS

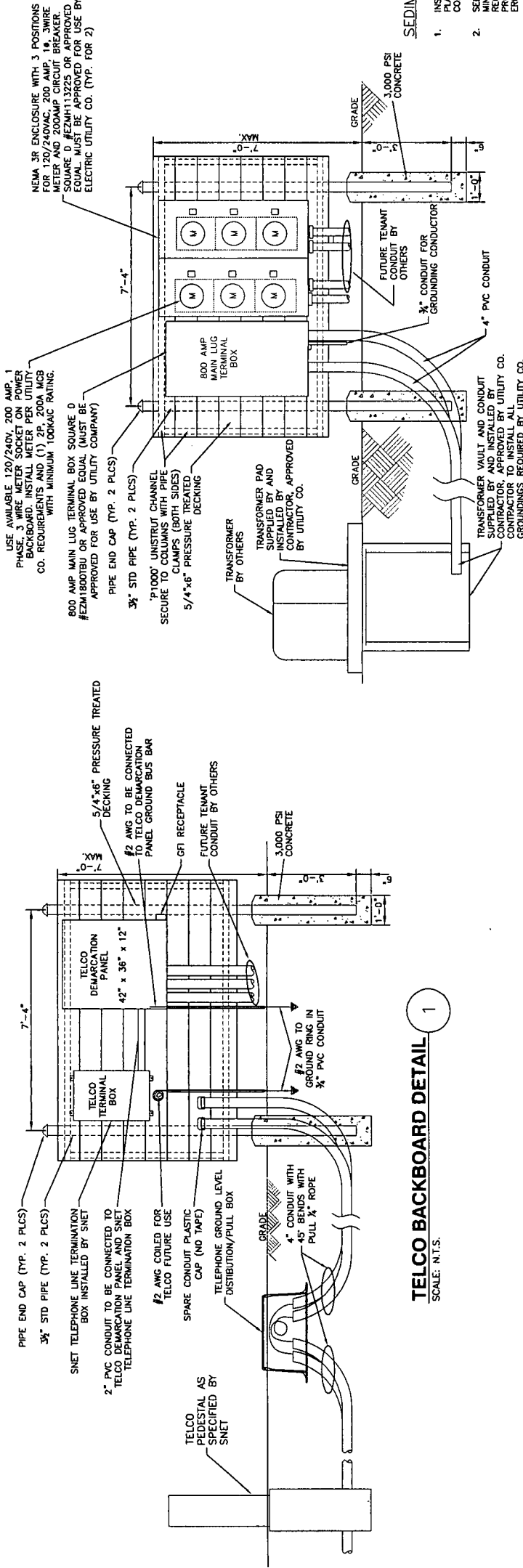
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APPROVED BY	CKD
CHECKED BY	CKD
DATE	02/08/07

SHEET TITLE:
**ACCESS DRIVE,
UTILITY, &
EROSION CONTROL
NOTES & DETAILS**

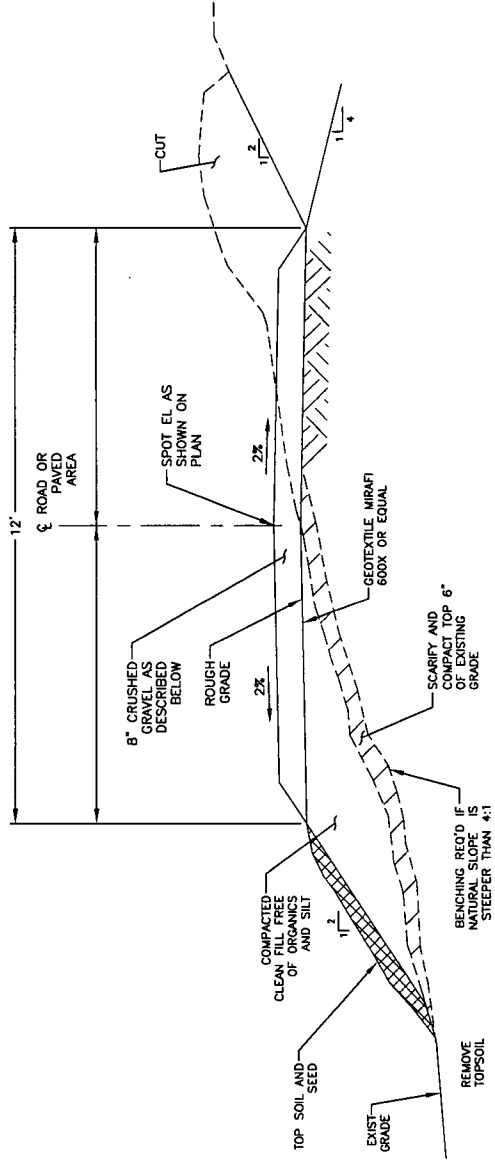
DEWBERRY P.N. 4363-17

S-7

SHEET NO.



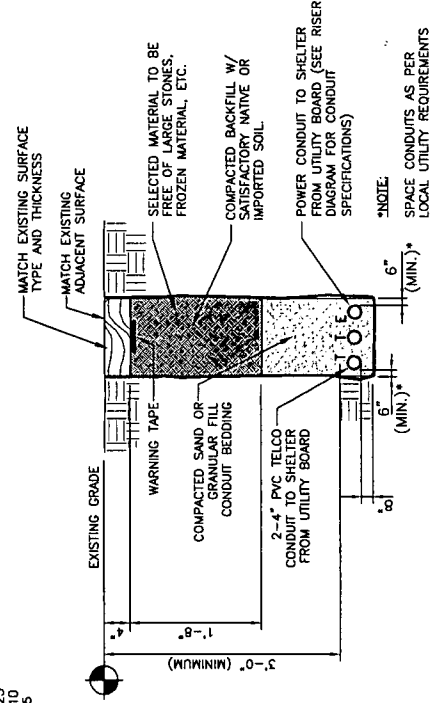
TELCO BACKBOARD DETAIL
SCALE: N.T.S.



ACCESS DRIVE DETAIL
SCALE: N.T.S.

SIEVE: 3 1/2"	% PASSING: 100
SIEVE: 1 1/2"	% PASSING: 95-100
SIEVE: 1 1/4"	% PASSING: 85-95
SIEVE: NO. 10	% PASSING: 25-60
SIEVE: NO. 40	% PASSING: 15-45
SIEVE: NO. 100	% PASSING: 5-25
SIEVE: NO. 200	% PASSING: 0-10
	% PASSING: 0-5

CRUSHED GRAVEL SHALL BE FREE OF ORGANICS AND CONSIST SOLELY OF CRUSHED GRAVEL WITH THE FOLLOWING GRADATION:



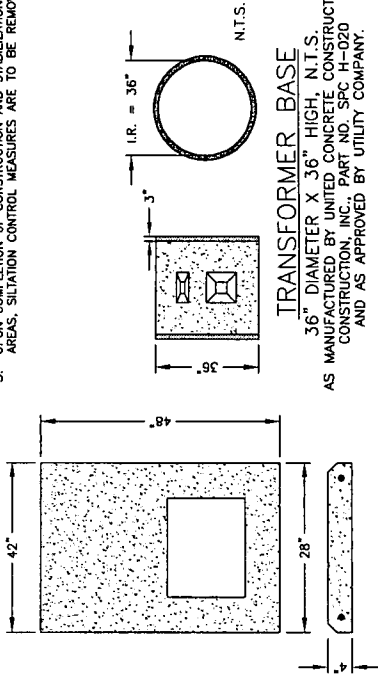
UNDERGROUND UTILITY DETAIL
SCALE: N.T.S.

SEDIMENTATION AND EROSION CONTROL NOTES:

1. INSTALL AND MAINTAIN THE EROSION CONTROL SYSTEM AS SHOWN ON THE EROSION CONTROL PLAN, PREVENTING ANY OTHER EARTH DISTURBANCE CONSTRUCTION ACTIVITY.
2. SEDIMENTATION AND EROSION CONTROL MEASURES SHOWN ARE THE MINIMUM REQUIRED. INSTALL AND MAINTAIN ADDITIONAL MEASURES AS REQUIRED TO PREVENT EROSION AND MAINTAIN PROGRESS AND COMPLY WITH THE CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL.
3. DIRECT THE DISCHARGE FROM DEWATERING ACTIVITIES TO APPROPRIATE VELOCITY REDUCTION AND SEDIMENTATION CONTROL DEVICES.
4. CONDUCT CONSTRUCTION ACTIVITIES TO MINIMIZE DISCHARGE OF TURBID RUNOFF.
5. DAILY AND AS DIRECTED ROUTINELY SWEEP THE PAVED ROADWAYS ADJACENT TO THE WORK AREA AND CONDUCT HIS ACTIVITIES TO MINIMIZE TRACKING SOIL ONTO THE PAVED ROADWAYS.
6. CONDUCT CONSTRUCTION ACTIVITIES IN ACCORDANCE WITH THE APPLICABLE REQUIREMENTS OF ENVIRONMENTAL PERMITS ISSUED FOR THIS PROJECT.
7. INSTALL EROSION CONTROL SYSTEM BEYOND WETLAND SETBACK LINE.

EROSION CONTROL CONSTRUCTION SPECIFICATIONS

1. BALES SHALL BE PLACED PRIOR TO CONSTRUCTION ON THE CONTOUR AND IN A ROW WITH ENDS TIGHTLY ABUTTING THE ADJACENT BALES.
2. EACH BALE SHALL BE EMBEDDED IN THE SOIL A MINIMUM OF 4 INCHES, AND PLACED SO THE BINDINGS ARE HORIZONTAL.
3. BALES SHALL BE SECURELY ANCHORED IN PLACE BY EITHER TWO STAKES OR REBARS DRIVEN THROUGH THE BALE. THE FIRST STAKE IN EACH BALE SHALL BE DRIVEN TOWARD THE PREVIOUSLY LAID BALE AT AN ANGLE TO FORCE THE THE BALES TOGETHER. STAKES SHALL BE DRIVEN FLUSH WITH THE BALE.
4. INSPECTION SHALL BE FREQUENT AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
5. UPON COMPLETION OF CONSTRUCTION AND STABILIZATION OF ALL DISTURBED AREAS, SILTATION CONTROL MEASURES ARE TO BE REMOVED.



167KVA MAXIMUM - 42" X 48" X 4", N.T.S.
AS MANUFACTURED BY UNITED CONCRETE CONSTRUCTION, INC., PART NO. SPC P-009
DETAIL IS TYPICAL. GENERAL CONTRACTOR SHALL INSTALL PER LOCAL UTILITY SPECIFICATIONS.

TRANSFORMER BASE DETAIL
SCALE: N.T.S.

SILT FENCE/CLEAN STRAW BALE DETAIL
SCALE: N.T.S.

6

PDF PRINT

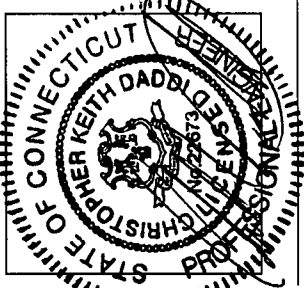
SCALE MAY VARY DUE TO
INDIVIDUAL PRINTER SETTINGS

Cellco Partnership

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



Dewberry-Goodkind, Inc.
59 ELM STREET
SUITE 101
NEW HAVEN, CT 06510
203.776.2277 PHONE
203.776.2288 FAX



No.	DATE	By	Description
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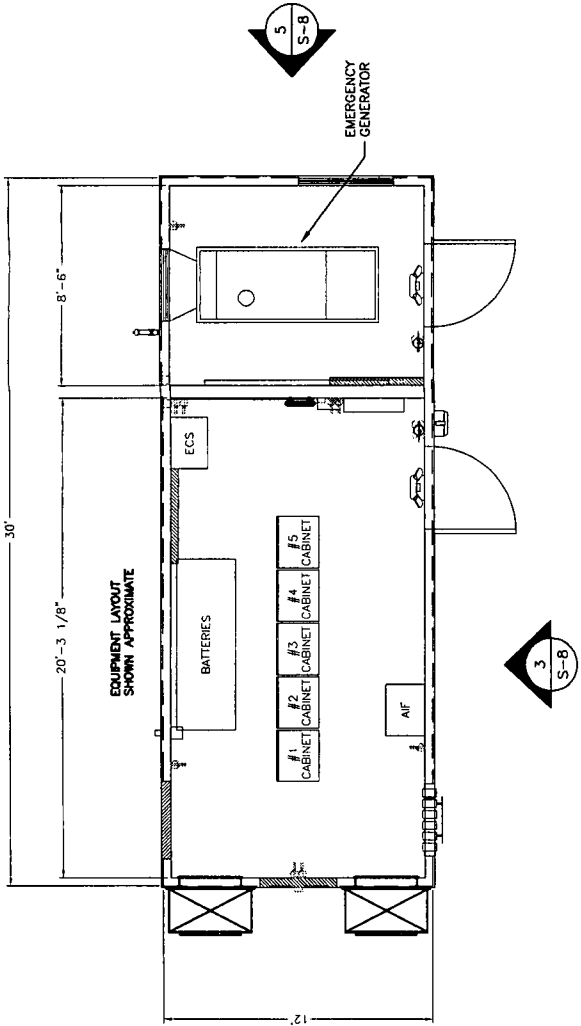
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APPROVED BY	CKD
CHECKED BY	CKD
DATE	02/08/07

SHEET TITLE:
**EQUIPMENT
SHELTER
PLAN
& ELEVATIONS**

DEWBERRY P.N. 4363-17

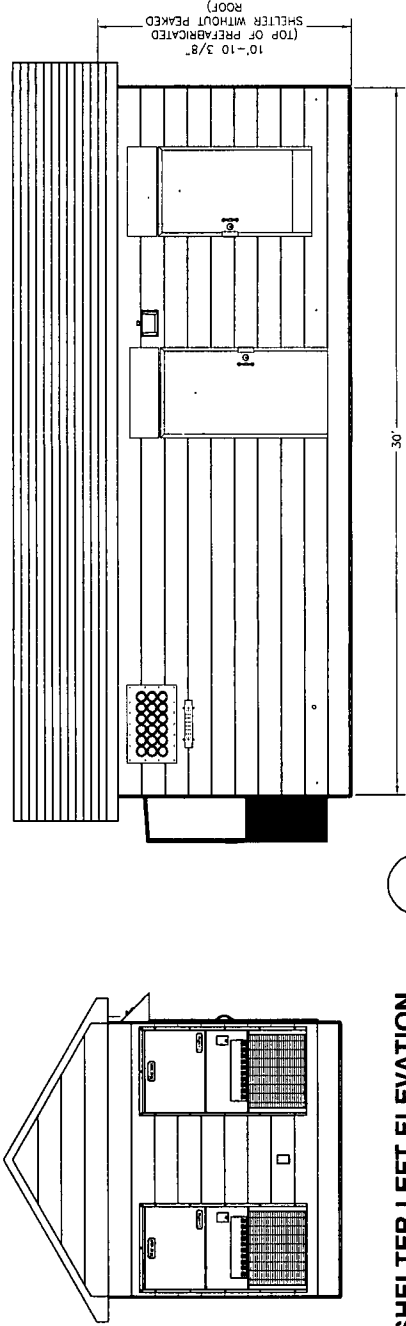
S-8

SHEET NO.



EQUIPMENT SHELTER FLOOR PLAN

SCALE: 1/4" = 1'-0"

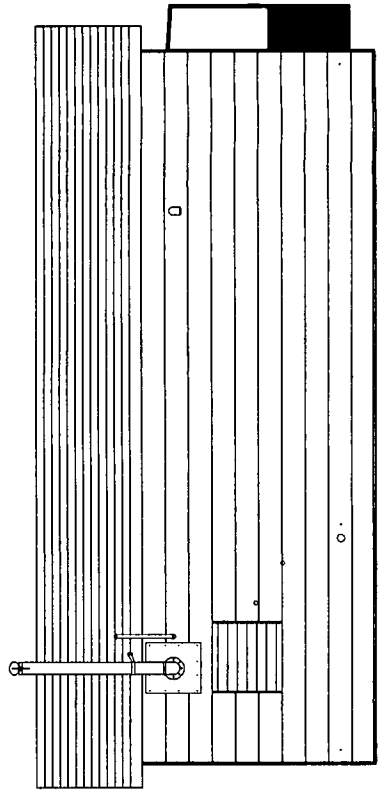


EQUIPMENT SHELTER LEFT ELEVATION

SCALE: 1/4" = 1'-0"

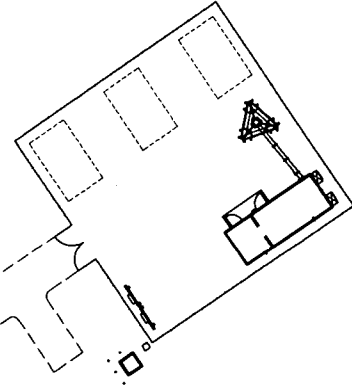
EQUIPMENT SHELTER FRONT ELEVATION

SCALE: 1/4" = 1'-0"



EQUIPMENT SHELTER REAR ELEVATION

SCALE: 1/4" = 1'-0"



SHELTER LOCATION KEY PLAN

SCALE: N.T.S.

EQUIPMENT SHELTER RIGHT ELEVATION

SCALE: 1/4" = 1'-0"

PDF PRINT
SCALE MAY VARY DUE TO
INDIVIDUAL PRINTER SETTINGS