ROBINSON & COLE 1119

JOEY LEE MIRANDA

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Also admitted in District of Columbia and Massachusetts

Via First Class Mail

March 28, 2008

S. Derek Phelps Executive Director Connecticut Siting Council Ten Franklin Square New Britain, CT 06051

Re: Docket No. 356 - 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 199 Town Farm Road, Farmington, Connecticut

Dear Mr. Phelps:

On February 11, 2008, Mr. Ronald Simmons sent a letter to the Town of Farmington expressing concern about the impact Cellco Partnership d/b/a Verizon Wireless' (Cellco) proposal for the construction, maintenance and operation of a wireless telecommunications facility (Facility) at the above-referenced property may have on his current farming operations. In particular, Mr. Simmons raised concerns about the impact of the construction of the proposed access road on plans by the U.S. Department of Agriculture (USDA) to install diversion ditches on the property.

Representatives from Cellco's engineering firm, URS Corporation (URS), have spoken with both the USDA and Mr. Simmons regarding these concerns and have obtained copies of the plans for these ditches. Based on these conversations and a review of the plans, Cellco has determined that the construction of the access road associated with its proposed wireless telecommunications facility will not disrupt or in any way interfere with the construction, operation or maintenance of the diversion ditches. However, the USDA has requested that Cellco widen the access road to fourteen feet to accommodate its proposed improvements at the property.



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S. Derek Phelps March 28, 2008 Page 2

Accordingly, enclosed are an original and twenty (20) copies of revised site plans showing the location of the diversion ditches and the widened access road. Cellco intends to offer these revised plans as an exhibit at the hearing.

Please feel free to contact me if you have any questions or require additional information. Thank you.

Sincerely,

Joey Lee Miranda

Enclosures

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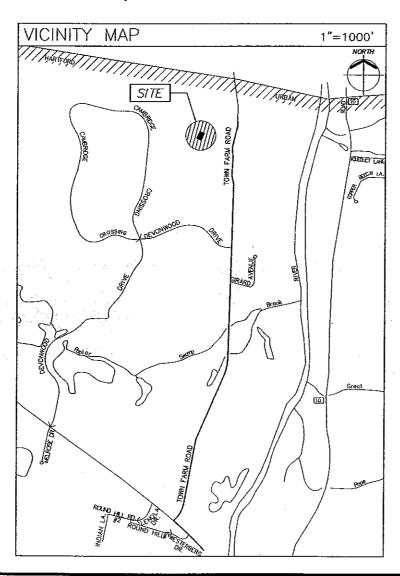
Sandy Carter





FARMINGTON NORTH 2

199 TOWN FARM ROAD FARMINGTON, CONNECTICUT 06032



PROJECT DESCRIPTION

THE SCOPE OF THIS PROJECT INCLUDES THE INSTALLATION OF AN UNNAMINED 12'-0" x 30'-0" WIRELESS COMMUNICATIONS EQUIPMENT SHELTER LOCATED WITHIN A NEW 50'-0" x 50'-0" GRAVEL COMPOUND, WITH WIRELESS COMMUNICATIONS EQUIPMENT BACKUP GENERATOR AND THE INSTALLATION OF TWELVE (12) VERIZON WIRELESS PANEL ANTENNAS MOUNTED TO A NEW 117' MONOPINE.

PROJECT SUMMARY

CELLCO PARTNERSHIP DBA VERIZON WIRELESS SANDY CARTER (860) 803—8219

APPLICANT:

LEGEND

DESCRIPTION

ABBREVIATIONS

VERIFY IN FIELD 0.C. ON CENTER

TYPICAL

TOP OF CONCRETE

SHEET INDEX

SHT. NO.	DESCRIPTION		
T-1	TITLE SHEET — GENERAL NOTES AND LEGENDS		
S-1	SURVEY		
AB-1	ABUTTERS MAP		
SC-1	PARTIAL SITE PLAN, NOTES AND DETAIL		
SC2	COMPOUND PLAN, TOWER ELEVATION,		
	AND ANTENNA ORIENTATION PLAN		
SC-3	SITE DETAILS AND NOTES		
	• • • • • • • • • • • • • • • • • • • •		

EQUIPMENT SHELTER FOUNDATION PLAN, ELEVATIONS, DETAILS AND NOTES



URS CORPORATION AES

500 ENTERPRISE DRIVE, SUITE 3E ROCKY HILL CONNECTICUT



PROJECT NO: 36931054.00002

DRAWN BY

CHECKED BY:

0 | 01-03-08 SITING COUNCIL

KAP

1 01-18-08 REVIEW 2 03-12-08 REVIEW 3 D3-19-D8 REVIEW

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> **FARMINGTON** NORTH 2

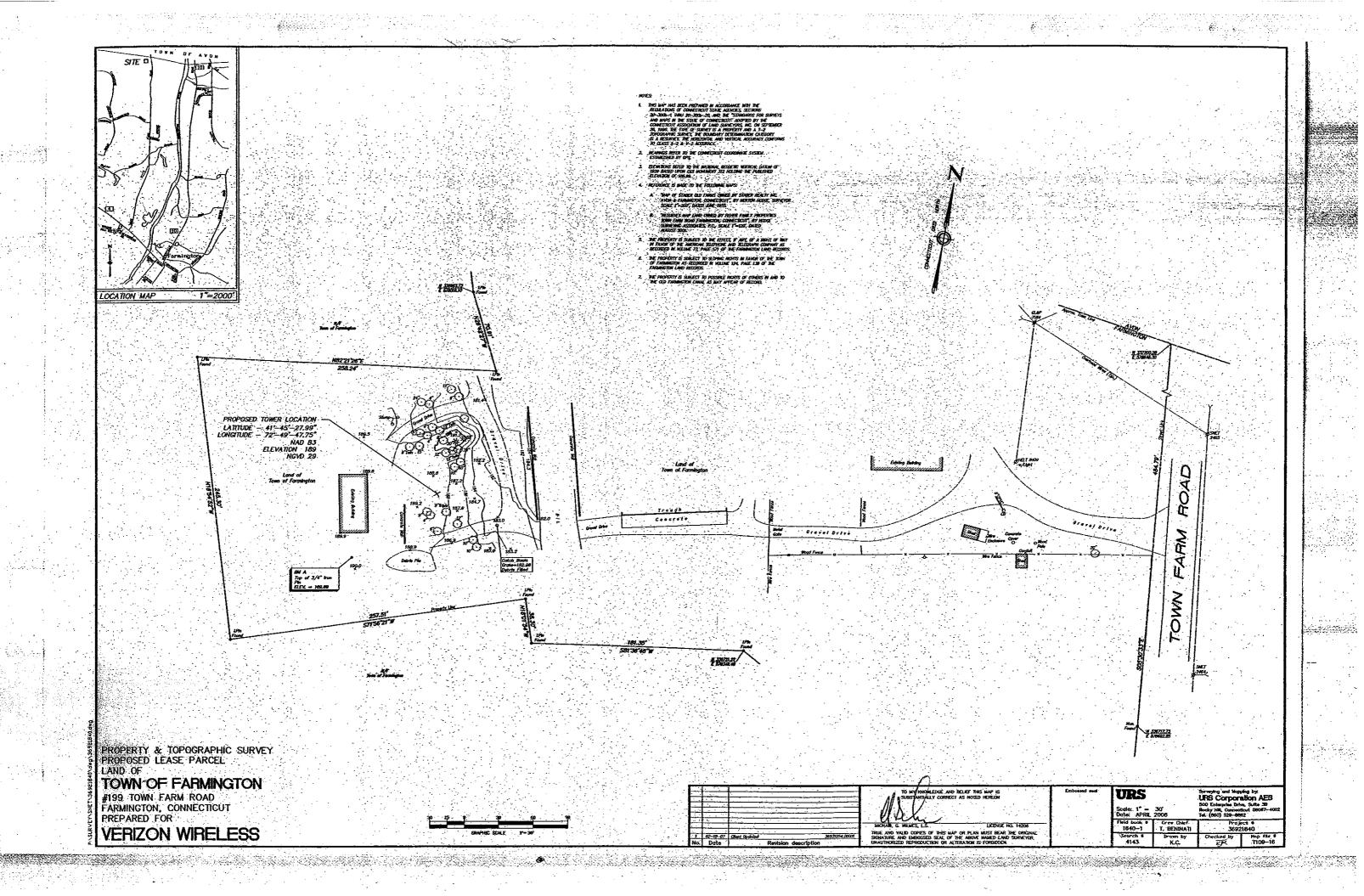
RELATES TO VERIZON WIRE-

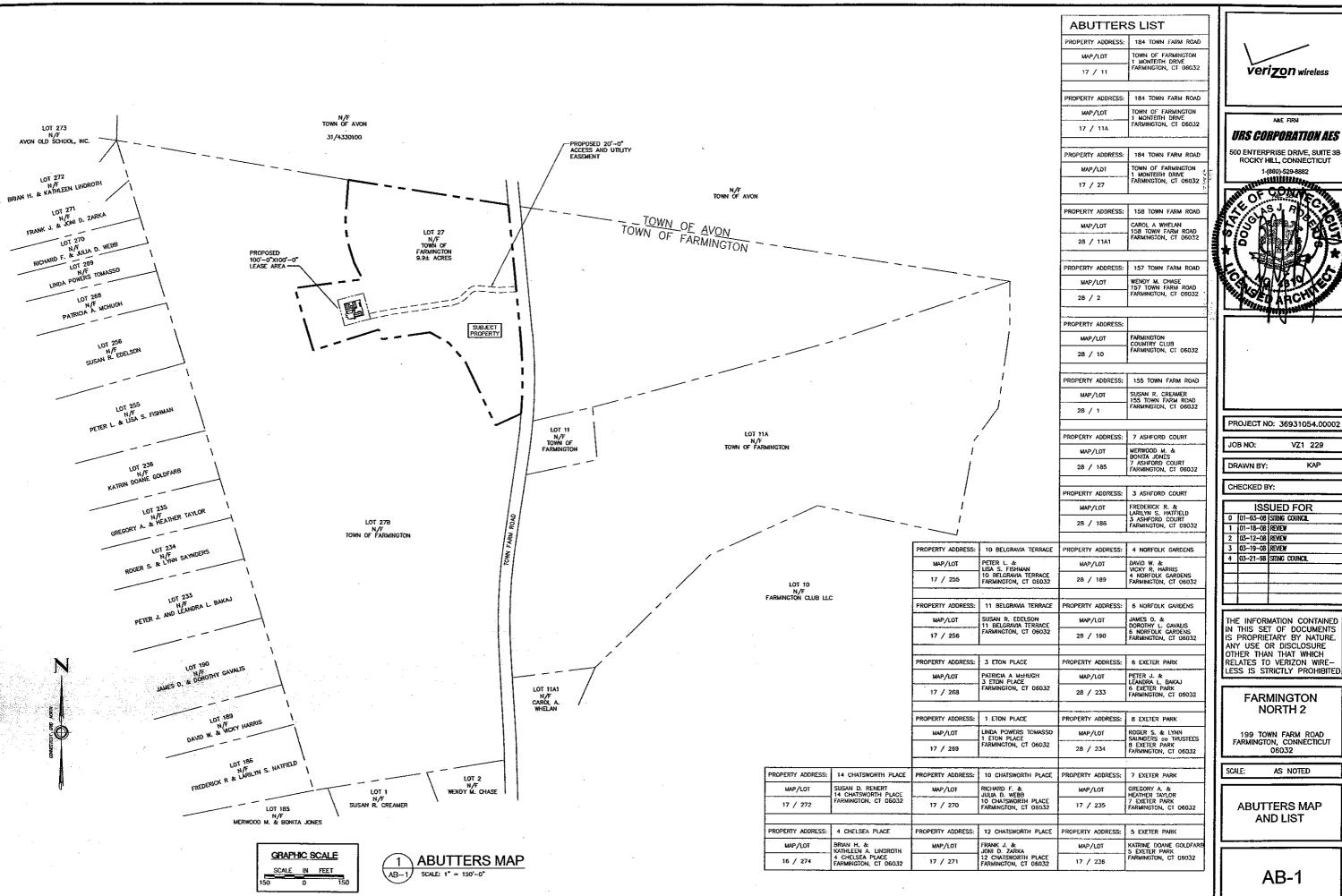
199 TOWN FARM ROAD FARMINGTON, CONNECTION

AS NOTED

TITLE SHEET-**GENERAL NOTES** AND LEGENDS

T-1







URS CORPORATION AES

ROCKY HILL, CONNECTICUT



PROJECT NO: 36931054.00002

VZ1 229

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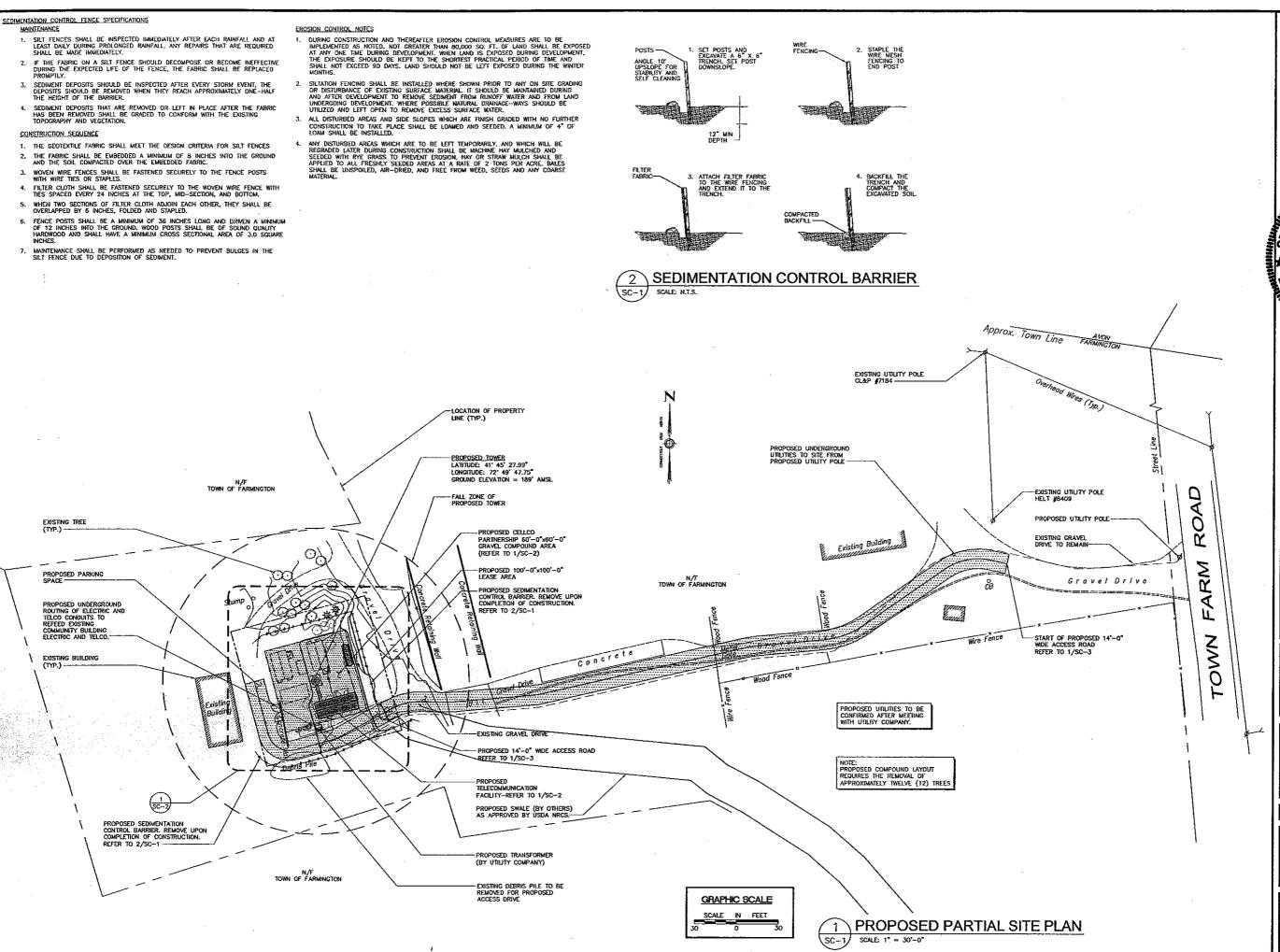
FARMINGTON NORTH 2

199 TOWN FARM ROAD GTON, CONNECTICUT 06032

AS NOTED

ABUTTERS MAP AND LIST

AB-1





A&E FIRM **URS CORPORATION AES**

500 ENTERPRISE DRIVE, SUITE 3B ROCKY HILL, CONNECTICUT

PROJECT NO: 36931054,00002

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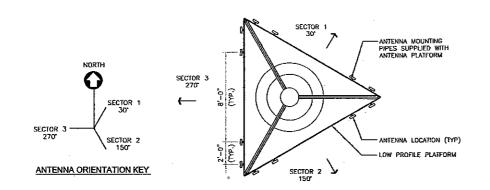
199 TOWN FARM ROAD FARMINGTON, CONNECTICUT 06032

SCALE:

PARTIAL SITE PLAN, NOTES AND DETAIL

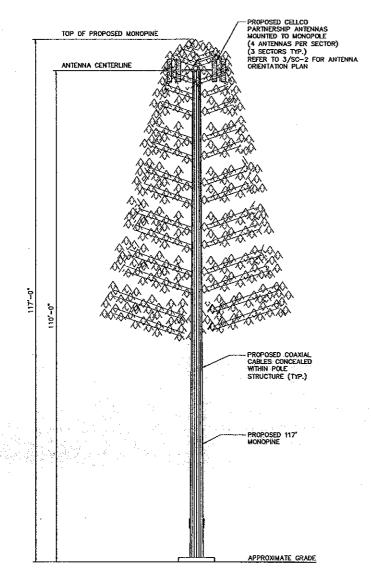
AS NOTED

SC-1



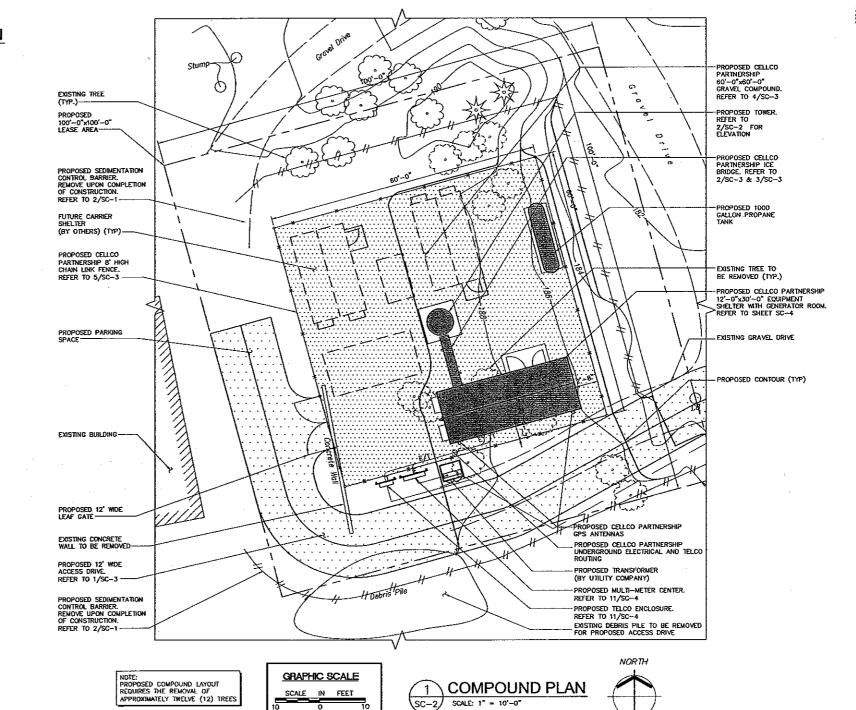
GRAPHIC SCALE

VERIZON WIRELESS ANTENNA ORIENTATION PLAN SC-2 SCALE: 1/4" = 1'-0"



GRAPHIC SCALE

MONOPINE ELEVATION SCALE: 1" = 10'-0"



SCALE IN FEET



URS CORPORATION AES

500 ENTERPRISE DRIVE, SUITE 38 ROCKY HILL, CONNECTICUT

PROJECT NO: 36931054.00002

KAP

JOB NO: VZ1 229

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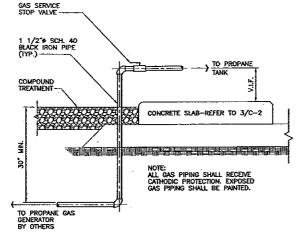
> **FARMINGTON** NORTH 2

199 TOWN FARM ROAD FARMINGTON, CONNECTICUT

SCALE: AS NOTED

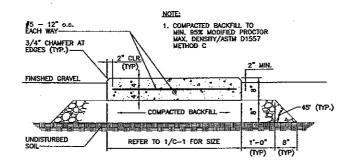
COMPOUND PLAN, TOWER ELEVATION, AND ANTENNA **ORIENTATION PLAN**

SC-2

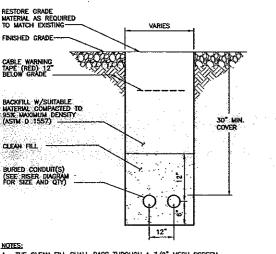


- SCHEDULE 40 BLACK STEEL UNDERGROUND PIPING W/CATHODIC PROTECTION (TYP.). REFER TO DETAIL ABOVE FOR TRENCHING AND PIPING DETAILS
- 2. PROPANE TANK SHALL COMPLY WITH ASME CODE FOR PRESSURE VESSELS, (SECTION IN DIVISION 1) MANUFACTURER SHALL X-RAY TEST THE TANK AS REQUIRED BY ASME CODE, FURNISH AND INSTALL ALL ACCESSORIES SUCH AS PRIMARY AND SECONDARY PRESSURE REQULATORS, PRESSURE GAUGES, PROPANE APPROVED CABBURETOR (FURNISHED WITH GENERATOR) GAS LEAK DETECTOR, SHUT-OFF VALVES, ISOLATION VALVES, APPROVED PROPANE GAS TRAIN, LEVEL SENSOR, CABLE, INDICATOR ETC. AS REQUIRED TO COMPLETE THE WORK, COMPRISOR TO PROVIDE ADDITIONAL FLEXIBLE CONNECTION AT GENERATOR, COMPRISOR COMES EQUIPPED WITH FUEL REGULATOR, FLEXIBLE HOSE AND FUEL SOLENOID.





CONCRETE SLAB DETAIL (PROPANE TANK) SCALE: 3/4"=1'-0"



4" WIDE WARNING TAPE

COMPACTED

GRAVEL/SAND

C MIN.

SC-3 SCALE: 3/4"=1'-0"

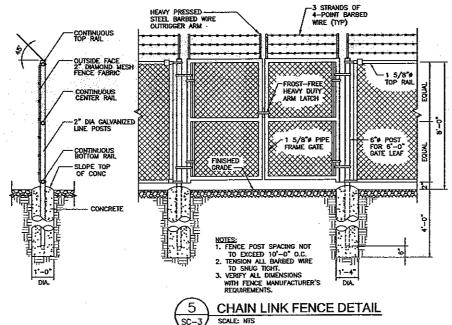
CLEAN FILL

WHERE EXISTING UTILITIES ARE LIKELY TO BE ENCOUNTERED, CONTRACTOR SHALL, HAND DIG AND PROTECT EXISTING UTILITIES.

9 TYPICAL BURIED GAS LINE DETAIL

- 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. THE TRENCH SHALL BE BACKFILLED IMMEDIATELY FOLLOWING PLACEMENT
- WHERE EXISTING UTILITIES ARE LIKELY TO BE ENCOUNTERED, CONTRACTOR SHALL HAND DIG AND PROTECT EXISTING UTILITIES

8 TYPICAL UTILITY TRENCH DETAIL SC-3 SCALE: N.T.S.



SITE NOTES

- THE FOLLOWING STANDARD SPECIFICATIONS ARE INCORPORATED INTO THE WORK SHOWN HEREON UNLESS SUPERSEDED BY LOCAL (FARWINGTON) REGULATIONS:
- STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION
 "STANDARD SPECIFICATIONS FOR ROADS, BRIDGES AND IN-"STANDARD SPECIFICATIONS FOR ROADS, BRIDGES AND IN-CIDENTAL CONSTRUCTION" FORM B16 ENGLISH & METRIC FORM B16 ORGINAL -FORM B16 SUMMARY OF CHANGES -SUPPLEMENT FORM B16 JANUARY 2005 -SUPPLEMENT FORM B16 JULY 2005
- DEP BULLETIN 34, CONNECTICUT CUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL DATED 2002.
- THE CONTRACTOR SHALL INSTALL ALL EROSION AND SEDIMENTATION CONTROL PRIOR TO ANY GRADING ACTIVITIES AND MAINTAIN SEDIMENTATION CONTROLS AT ALL TIMES DURING CONSTRUCTION. ALL SOIL EROSION AND SEDIMENTATION CONTROL MEASURES ARE SUBJECT TO INSPECTION AND MONITORING BY THE TOWN.
- ALL AREAS DISTURBED BY THE CONSTRUCTION OF IMPROVEMENTS SHOWN HEREON SHALL BE REESTABLISHED TO EXISTING CONDITIONS.
- COORDINATION, LAYOUT AND FURNISHING OF CONDUIT, CABLE AND ALL APPURIENANCES REQUIRED FOR PROPER INSTALLATION OF ELECTRICAL AND TELECOMMUNICATION SERVICE SHALL BE SOLELY THE RESPONSIBILITY OF
- THE EXACT SHELTER FOUNDATION SIZE AND SHELTER FLOOR PENETRATIONS FOR UTILITIES SHALL RE CONFIRMED WITH THE SHELTER SPECIFICATIONS AND PLANS PRIOR TO LAYOUT.
- ALL UTILITY WORK SHALL BE IN ACCORDANCE WITH LOCAL UTILITY COMPANY REQUIREMENTS AND SPECIFICATIONS.
- THE CONTRACTOR SHALL CONTACT "CALL BEFORE YOU DIG" AT LEAST 48 HOURS PRIOR TO ANY EXCAVATIONS.
- IF ANY FIELD CONDITIONS PRECLIDE COMPLIANCE WITH THE DRAWINGS AND/OR CONDITIONS SPECIFIED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THIS CELLULAR CARRIER AND SHALL NOT PROCEED WITH ANY
- THE CONTRACTOR SHALL STABILIZE ALL UTILITY LINE TRENCHES WITHIN FIVE WORKING DAYS AFTER EXCAVATION UNLESS OTHERWISE APPROVED BY THIS CELLULAR CARRIER.

- SOIL BEARING CAPACITY OF 3,000 PSF USED FOR FOUNDATION DESIGN. GENERAL CONTRACTOR RESPONSIBLE FOR VERIFYING BEARING CAPACITIES.
- ALL SURFACES MUST-BE FREE OF STANDING WATER PRIOR TO PLACING CONCRETE
- COMPACTED GRAVEL FILL PER CONNECTICUT DÓT STANDARD SPEC. SECTION M.02.01 AND ASTM D1557.
- CONTACT THE ENGINEER IF GROUND WATER IS IN ENCOUNERED AND DEWATERING IS REQUIRED.

CONCRETE

- ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH THE ACI 301, ACI 318 AND THE SPECIFICATION CAST—IN—PLACE CONCRETE.
- ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3500 PSI AT 28 DAYS, UNLESS NOTED OTHERWISE, CONCRETE SHALL BE AIR ENTRAINED TO (4% TO 6%) AND SLUMP OF 3" TO 5".
- 3. REINFORCING SIEEL SHALL CONFORM TO ASTM A 615, GRADE 6D, DEFORMED UNLESS NOTED OTHERWISE. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A 185 WELDED STEEL WIRE FABRIC UNLESS NOTED OTHERWISE. SPLICES SHALL BE CLASS "B" AND ALL HOOKS SHALL BE STANDARD, UNO.
- 4. THE FOLLOWING MINIMUM CONCRETE COVER SHALL BE PROVIDED FOR REINFORCING STEEL UNLESS SHOWN OTHERWISE ON DRAWINGS:

CONCRETE CAST AGAINST EARTH.......3 IN. CONCRETE EXPOSED TO EARTH OR WEATHER:

CONCRETE NOT EXPOSED TO EARTH OR WEATHER OR NOT CAST AGAINST THE GROUND:

- 5. A CHAMFER 3/4" SHALL BE PROVIDED AT ALL EXPOSED EDGES OF CONCRETE, UND, IN ACCORDANCE WITH ACI 301 SECTION 4.2.4.
- 6. INSTALLATION OF CONCRETE EXPANSION/WEGGE 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 WITHOUT PRIOR ENGINEERING APPROVAL WHEN DRILLING HOLES IN CONCRETE.
- 7. COLD WEATHER CONCRETE PLACING SHALL BE IN ACCORDANCE WITH ACI-306.
- 8, NO FOOTING SHALL BE PLACED ON FROZEN GROUND, UNCURED CONCRETE SHALL BE PROTECTED AGAINST FROST.
- 9. APPLY NON-SLIP BROOM FINISH IMMEDIATELY AFTER TROWEL FINISHING

<u>GEOTEXTILE NOTES:</u>

GEOTEXTILE SHALL BE USED BENEATH DESIGN HEAVY USE AREA GRAVEL LAYER AS NOTED IN THE DRAWINGS, OR AS SPECIFIED BY THE NRCS PROJECT ENGINEER.

- THIS MATERIAL MUST MEET "HIGH SURVIVABILITY CRITERIA"

 GRAB STRENGTH: ASTM D-1682 = 320 LBS, OR BETTER

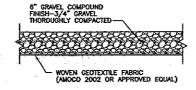
 PUNCTURE STRENGTH: ASTM D-751-68 = 250 LBS, OR BETTER

 BURST STRENGTH: ASTM D-751-68 = 250 PSI OR BETTER

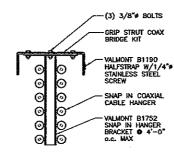
 TEAR STRENGTH: ASTM D-1117 = 55 LBS. OR BETTER

14'-0" 9" OF PROCESSED AGGREGATE BASE REFER TO THIS SHEET FOR GRADATION AND SLOPE SURFACE TO DRAIN -woven geotextile beneath design laneway or acess road see geotextile's minimum strength properties. -NATURAL GROUND WITH ORGANIC LAYER REMOVED.

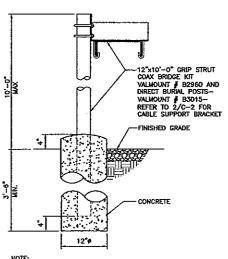
GRAVEL ACCESS DRIVE TYPICAL SECTION



GRAVEL COMPOUND DETAIL



3 ICE BRIDGE DETAIL



MAXIMUM 10' SPACING BETWEEN POST SUPPORTS
 3 POSTS REQUIRED





URS CORPORATION AES

ROCKY HILL, CONNECTICUT



PROJECT NO: 36931054.00002

KAP

VZ1 229

DRAWN BY:

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ISSUED FOR 0 01-03-08 SITING COUNCIL 1 01-18-08 REVIEW 2 03-12-08 REVIEW 3 03-19-08 REVIEW 4 03-21-98 STING COUNCIL

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> **FARMINGTON** NORTH 2

199 TOWN FARM ROAD FARMINGTON, CONNECTICUT 06032

AS NOTED

SITE DETAILS AND NOTES

