

Exhibit 11

# Cellco Partnership

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

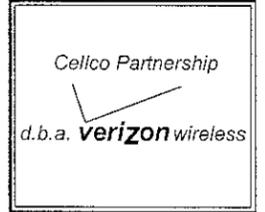
## WIRELESS COMMUNICATIONS FACILITY

### GOSHEN

### NORTH STREET (ROUTE 63)

### GOSHEN, CT

REVISIONS		
30	01/24/07	SITING COUNCIL-REVIEW
31	02/14/07	CT SITING COUNCIL
32	03/29/07	CT SITING COUNCIL
33	10/16/07	REVISED CT SITING COUNCIL



**NATCOMM**

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Branford, Connecticut 06405  
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Professional Engineers - Project Management  
Civil - Structural - Mechanical - Electrical

SITE DIRECTIONS		
<b>FROM:</b>	99 EAST RIVER DRIVE EAST HARTFORD, CONNECTICUT	<b>TO:</b> PROPOSED SITE AT NORTH STREET GOSHEN, CONNECTICUT
-START OUT GOING EAST ON EAST RIVER DRIVE TOWARD DARLIN ST.		0.2 MI.
-TURN LEFT TO STAY ON EAST RIVER DRIVE		<0.1 MI.
-TURN LEFT ONTO US-44 W/CONNECTICUT BLVD.		0.1 MI.
-STAY STRAIGHT TO GO ONTO RAMP.		<0.1 MI.
-MERGE ONTO US-6 W/I-84 W/US-44 W.		<0.1 MI.
-MERGE ONTO I-84 W/US-5.		8.2 MI.
-MERGE ONTO CT-4 W/FARMINGTON AVE VIA EXIT 39 TOWARD FARMINGTON.		5.8 MI.
-TURN SLIGHT RIGHT ONTO MAIN STREET / CT-4. CONTINUE TO FOLLOW CT-4.		2.6 MI.
-TURN LEFT ONTO SPIELMAN / CT-4. CONTINUE TO FOLLOW CT-4.		8.0 MI.
-TURN RIGHT ONTO BIRGE PARK ROAD / CT-4. CONTINUE TO FOLLOW CT-4.		3.5 MI.
-TURN SLIGHT RIGHT ONTO NEW HARTWINTON RD / CT-4.		0.2 MI.
-TURN SLIGHT RIGHT.		<0.1 MI.
-TURN LEFT ONTO US-202 / E MAIN STREET		0.1 MI.
-TURN SLIGHT RIGHT ONTO E EALM STREET / CT-4. CONTINUE TO FOLLOW CT-4.		6.6 MI.
-TURN RIGHT ONTO NORTH STREET.		1.9 MI.

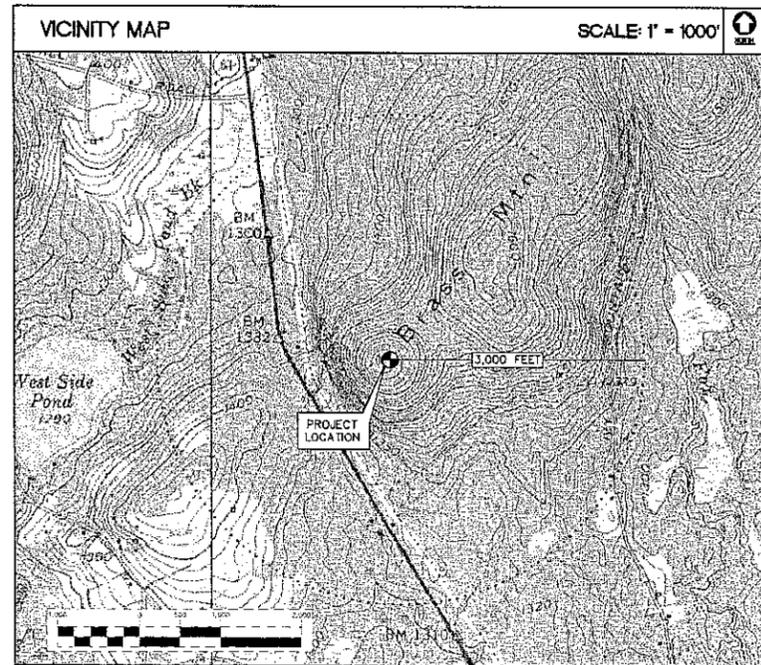
**GENERAL NOTES**

- PROPOSED ANTENNA LOCATIONS AND HEIGHTS PROVIDED BY CELCO PARTNERSHIP.

**SITE INFORMATION**

THE SCOPE OF WORK SHALL INCLUDE:

- THE CONSTRUCTION OF A 42'x70' FENCED WIRELESS COMMUNICATIONS COMPOUND WITHIN A 100'x100' LEASE AREA.
- SITE GRADING WILL BE REQUIRED WITHIN LEASE AREA AND ACCESS DRIVE FOR PROPER DRAINAGE. A TOTAL OF ONE HUNDRED AND THREE (103) TREES WILL BE REQUIRED TO BE REMOVED TO ACCOMMODATE THE PROPOSED FACILITY AND ACCESS DRIVE.
- A TOTAL OF TWELVE (12) DIRECTIONAL PANEL ANTENNAS ARE PROPOSED TO BE MOUNTED AT A RAD CENTER ELEVATION OF 150'-0" +/- AGL ON A 157' PROPOSED STEEL MONOPINE TOWER LOCATED CENTRALLY WITHIN THE PROPOSED COMPOUND.
- POWER AND TELCO UTILITIES SHALL BE ROUTED UNDERGROUND FROM EXISTING RESPECTIVE DEMARCS 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 COMPOUND. FINAL UTILITY ROUTING TO PROPOSED BACKBOARD WILL BE VERIFIED/DETERMINED BY LOCAL UTILITY COMPANIES.
- FINAL DESIGN FOR TOWER AND ANTENNA MOUNTS SHALL BE INCLUDED IN THE FINAL CONSTRUCTION DOCUMENTS.
- THE PROPOSED WIRELESS FACILITY INSTALLATION WILL BE DESIGNED IN ACCORDANCE WITH THE 2003 INTERNATIONAL BUILDING CODE AS MODIFIED BY THE 2005 CONNECTICUT SUPPLEMENT.
- THERE WILL NOT BE ANY LIGHTING UNLESS REQUIRED BY THE FCC OR THE FAA.
- THERE WILL NOT BE ANY SIGNS OR ADVERTISING ON THE ANTENNAS OR EQUIPMENT.
- FOR ADDITIONAL NOTES AND DETAILS REFER TO THE ACCOMPANYING DRAWINGS.



PROJECT SUMMARY	
SITE NAME:	GOSHEN
SITE ADDRESS:	NORTH STREET (ROUTE 63) GOSHEN, CT 06756
ZONING DISTRICT:	RA5
PROPERTY OWNER:	ARCA, LLC 25 LARCHMONT CIRCLE STRATFORD, CT 06614-1338
LEASOR:	ARCA, LLC 25 LARCHMONT CIRCLE STRATFORD, CT 06614-1338
LESSEE:	CELCO PARTNERSHIP d.b.a. VERIZON WIRELESS 99 EAST RIVER DRIVE EAST HARTFORD, CT 06108
APPLICANT:	CELCO PARTNERSHIP d.b.a. VERIZON WIRELESS 99 EAST RIVER DRIVE EAST HARTFORD, CT 06108
CONTACT PERSON:	SANDY CARTER CELCO PARTNERSHIP (860) 803-8219
TOWER COORDINATES:	LATITUDE: 41°51'22.776" LONGITUDE: 73°14'29.689" GND ELEVATION: 1599.3± A.M.S.L. COORDINATES ARE BASED ON FAA 2-C SURVEY CERTIFICATION AS PREPARED BY: MARTINEZ COUCH AND ASSOCIATES LLC, DATED JANUARY 9, 2007.

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

SHEET INDEX		
SHT. NO.	DESCRIPTION	REV. NO.
T-1	TITLE SHEET	03
C-1	SITE PLAN	03
C-1A	ASBUTTERS MAP	03
C-2	COMPOUND PLAN AND ELEVATION	03
C-3	EROSION CONTROL DETAILS AND NOTES	03
C-4	SITE DETAILS AND SHELTER ELEVATIONS	03
C-5	EQUIP. SHELTER FOUNDATION DETAILS AND NOTES	03



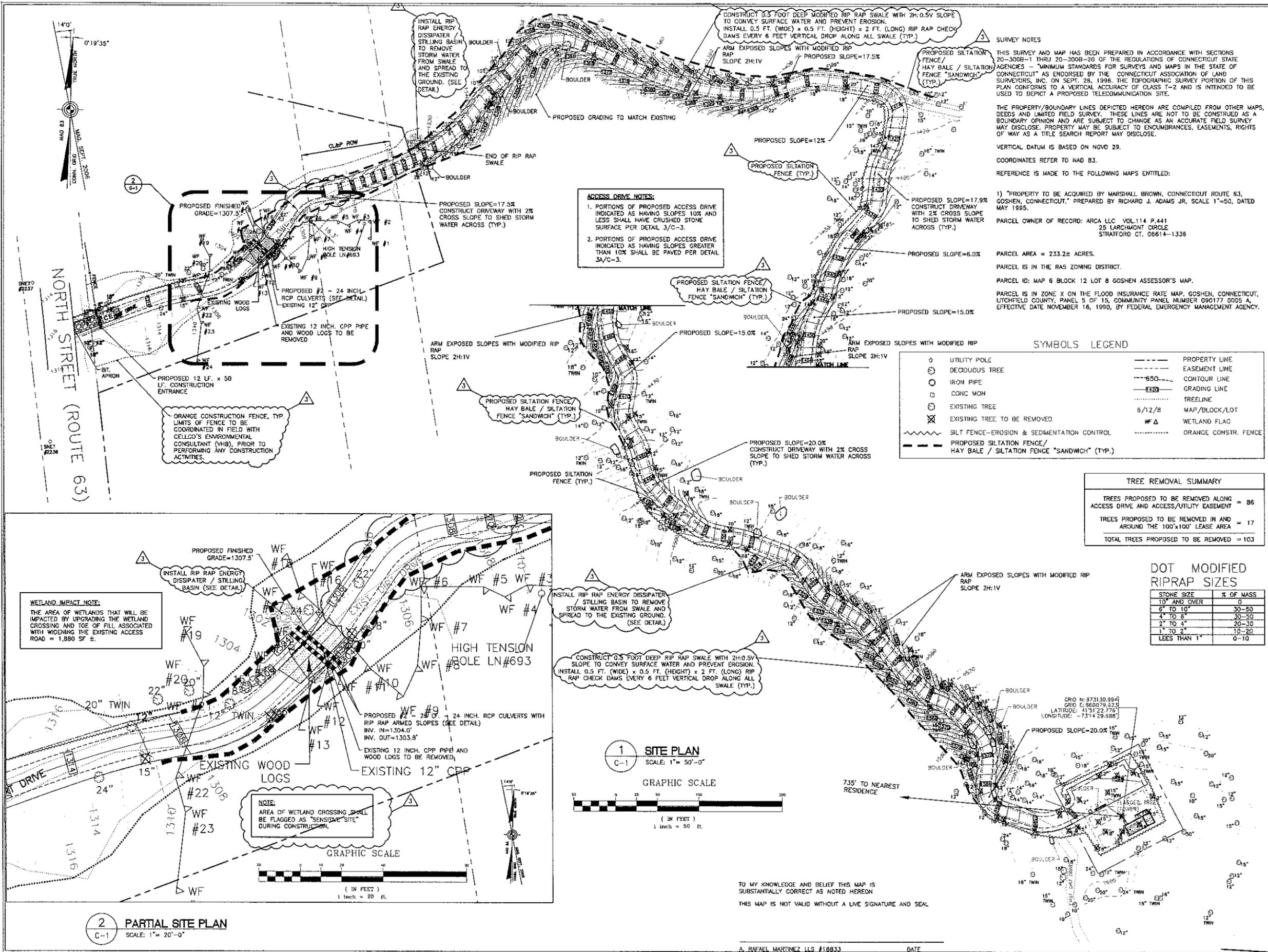
**GOSHEN**

NORTH STREET (ROUTE 63)  
GOSHEN, CT 06756

PROJECT NO: 06082  
DRAWN BY: DMD  
CHECKED BY: CFC  
SCALE: AS NOTED  
DATE: 08/07/06

TITLE SHEET

**T-1**  
DWG. 1 OF 7



REVISIONS		
01	01/24/07	SITING COUNCIL REVIEW
02	02/14/07	CT SITING COUNCIL
03	03/29/07	CT SITING COUNCIL
04	10/15/07	REVISED CT SITING COUNCIL

Cellco Partnership  
d.b.a. verizon wireless

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**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. 28, 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.  
 REFERENCE IS MADE TO THE FOLLOWING MAPS ENTITLED:

1) "PROPERTY TO BE ACQUIRED BY MARSHALL BROWN, CONNECTICUT ROUTE 63, GOSHEN, CONNECTICUT," PREPARED BY RICHARD J. ADAMS JR, SCALE 1"=50, DATED MAY 1995.  
 PARCEL OWNER OF RECORD: ARCA LLC VOL.114 P.441  
 25 LARCHMONT CIRCLE  
 STRATFORD CT. 06614-1336

PARCEL AREA = 233.2± ACRES.  
 PARCEL IS IN THE RAS ZONING DISTRICT.  
 PARCEL ID: MAP 6 BLOCK 12 LOT 8 GOSHEN ASSESSOR'S MAP.  
 PARCEL IS IN ZONE X ON THE FLOOD INSURANCE RATE MAP, GOSHEN, CONNECTICUT, LITCHFIELD COUNTY, PANEL 5 OF 15, COMMUNITY PANEL NUMBER 090177 0005 A, EFFECTIVE DATE NOVEMBER 16, 1990, BY FEDERAL EMERGENCY MANAGEMENT AGENCY.

**ACCESS DRIVE NOTES:**  
 1. PORTIONS OF PROPOSED ACCESS DRIVE INDICATED AS HAVING SLOPES 10% AND LESS SHALL HAVE CRUSHED STONE SURFACE PER DETAIL 3/C-3.  
 2. PORTIONS OF PROPOSED ACCESS DRIVE INDICATED AS HAVING SLOPES GREATER THAN 10% SHALL BE PAVED PER DETAIL 3A/C-3.

**SYMBOLS LEGEND**

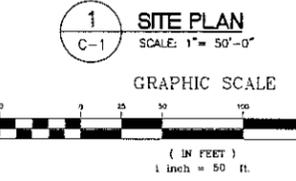
○	UTILITY POLE	---	PROPERTY LINE
○	DECIDUOUS TREE	---	EASEMENT LINE
○	IRON PIPE	---	CONTOUR LINE
○	CONC MON	---	GRADING LINE
○	EXISTING TREE	---	TREELINE
⊗	EXISTING TREE TO BE REMOVED	6/12/8	MAP/BLOCK/LOT
---	SILT FENCE-EROSION & SEDIMENTATION CONTROL	WF Δ	WETLAND FLAG
---	PROPOSED SILTATION FENCE / HAY BALE / SILTATION FENCE "SANDWICH" (TYP.)	---	ORANGE CONSTR. FENCE

**TREE REMOVAL SUMMARY**

TREES PROPOSED TO BE REMOVED ALONG ACCESS DRIVE AND ACCESS/UTILITY EASEMENT	= 86
TREES PROPOSED TO BE REMOVED IN AND AROUND THE 100'x100' LEASE AREA	= 17
<b>TOTAL TREES PROPOSED TO BE REMOVED</b>	<b>= 103</b>

**DOT MODIFIED RIPRAP SIZES**

STONE SIZE	% OF MASS
10" AND OVER	0
6" TO 10"	30-50
4" TO 6"	30-50
2" TO 4"	20-30
1" TO 2"	10-20
LEES THAN 1"	0-10



**2 PARTIAL SITE PLAN**  
 C-1 SCALE: 1"= 20'-0"

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

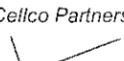
**GOSHEN**  
 NORTH STREET (ROUTE 63)  
 GOSHEN, CT 06756

PROJECT NO: 06082  
 DRAWN BY: DMD  
 CHECKED BY: CFG  
 SCALE: AS NOTED  
 DATE: 08/07/06

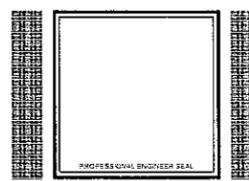
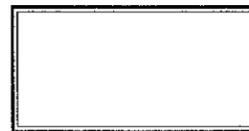
**SITE PLAN**

**C-1**  
 DWG. 2 OF 7

REVISIONS		
00	01/24/07	SITING COUNCIL REVIEW
01	02/14/07	CT SITING COUNCIL
02	03/29/07	CT SITING COUNCIL
03	10/16/07	REASED CT SITING COUNCIL

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**GOSHEN**  
 NORTH STREET (ROUTE 63)  
 GOSHEN, CT 06756

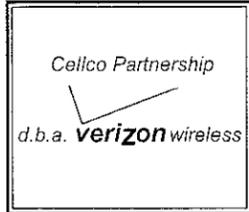
PROJECT NO:	06082
DRAWN BY:	DMD
CHECKED BY:	CFC
SCALE:	AS NOTED
DATE:	08/07/06

ABUTTERS MAP

**C-1A**  
 DWG. 3 OF 7



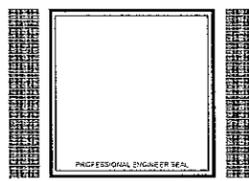
REVISIONS		
00	01/24/07	SITING COUNCIL REVIEW
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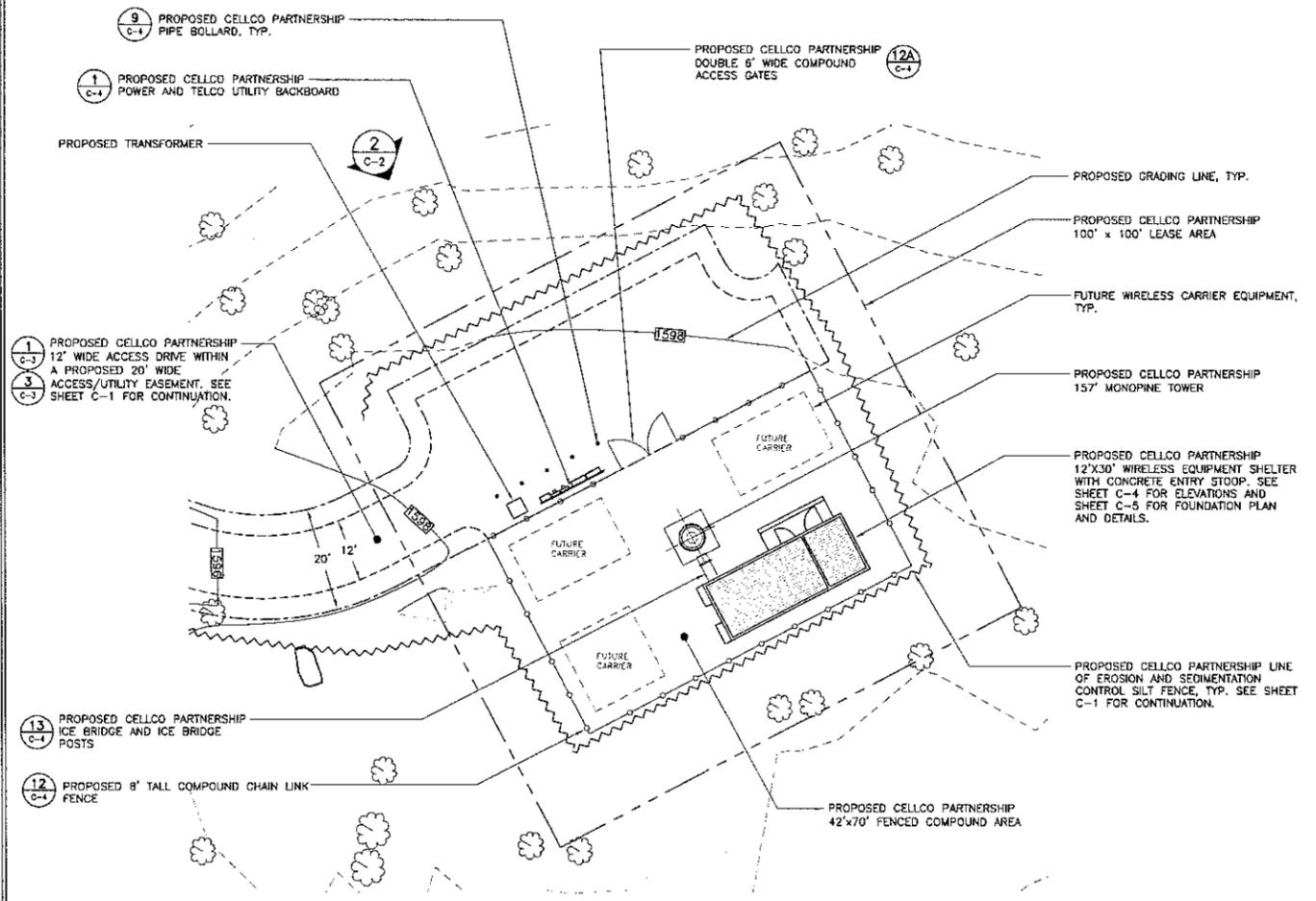
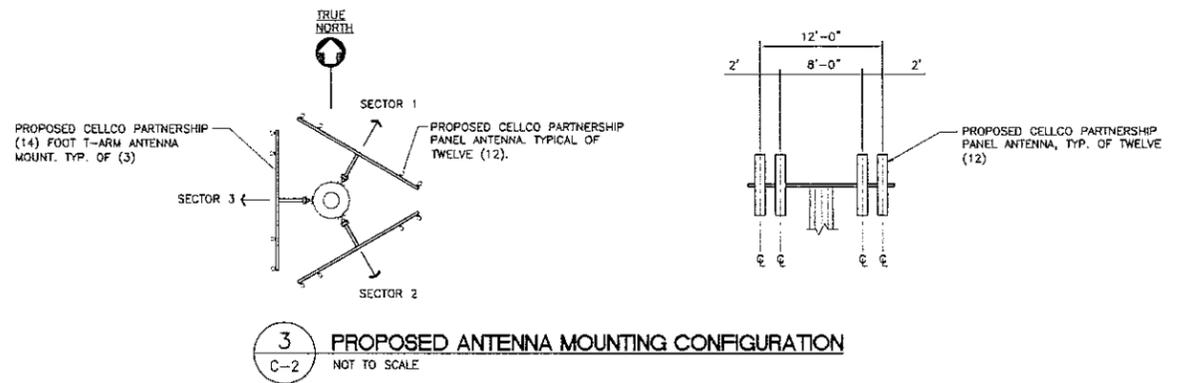
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NORTH STREET (ROUTE 63)  
 GOSHEN, CT 06756

PROJECT NO:	06082
DRAWN BY:	DMD
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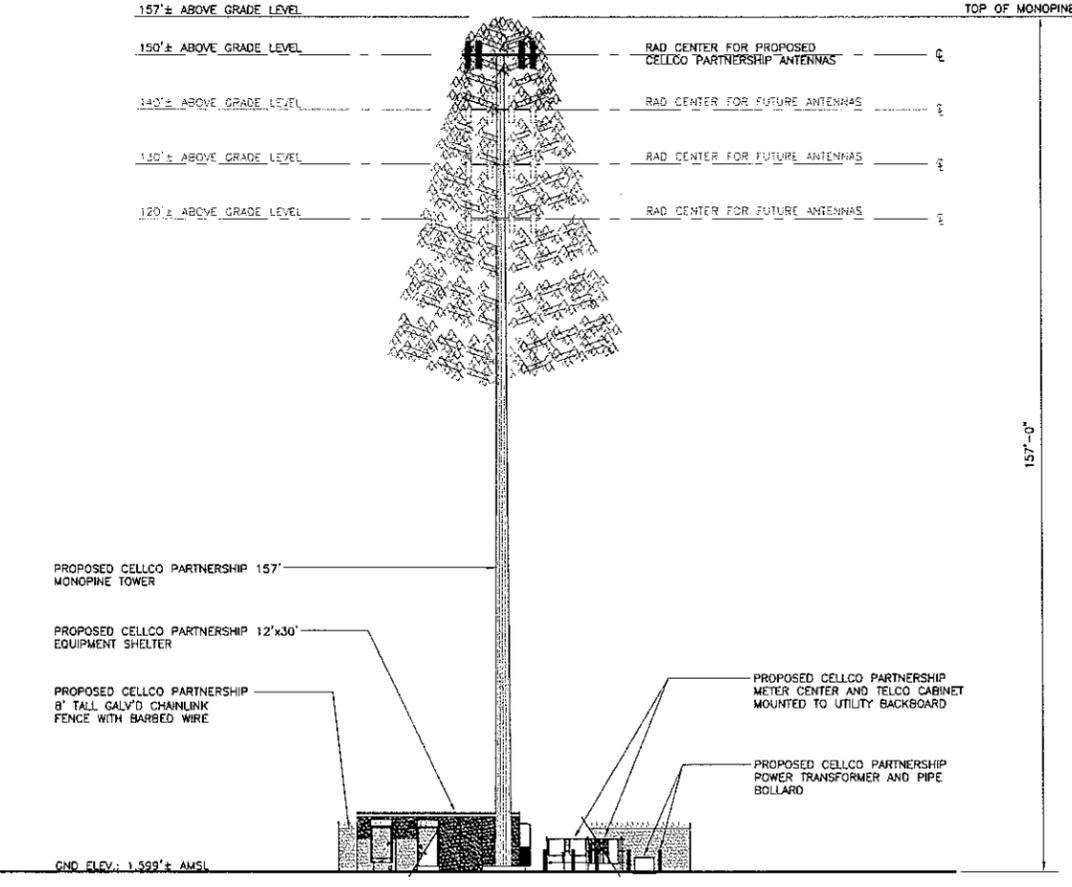
COMPOUND PLAN  
 AND ELEVATION

**C-2**  
 DWG. 4 OF 7

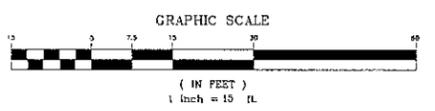


**NOTES:**

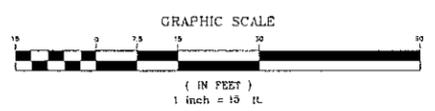
- TREES SCHEDULED FOR REMOVAL ARE NOT SHOWN ON THIS PLAN. SEE SHEET C-1.
- SEE SHEET C-1 FOR ALL SITE FEATURES AND PROPOSED SITE WORK.

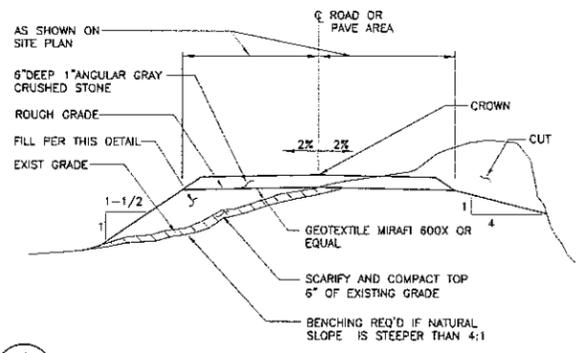


**1**  
 C-2  
**COMPOUND PLAN**  
 SCALE: 1" = 15'-0"

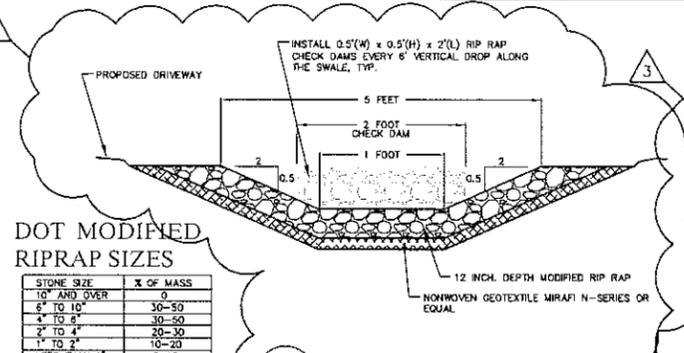


**2**  
 C-2  
**ELEVATION**  
 SCALE: 1" = 15'-0"

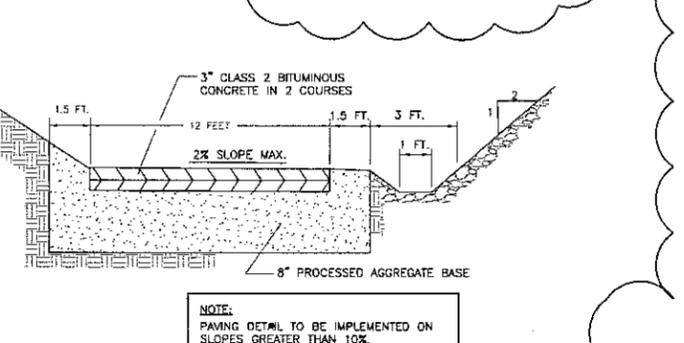




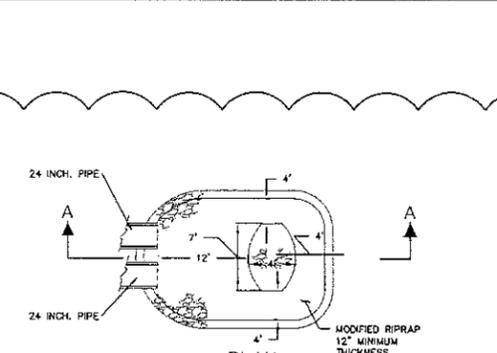
**1 TYP. CRUSHED STONE ACCESS DRIVE DETAIL**  
C-3 NOT TO SCALE



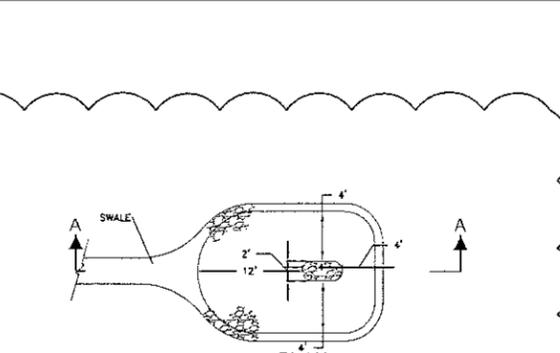
**2 DRAINAGE SWALE**  
C-3 NOT TO SCALE



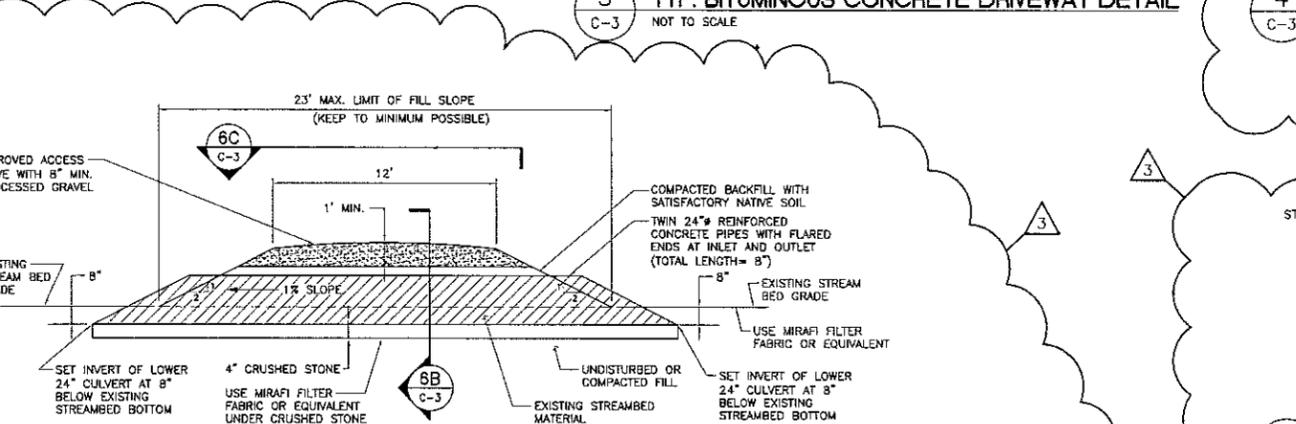
**3 TYP. BITUMINOUS CONCRETE DRIVEWAY DETAIL**  
C-3 NOT TO SCALE



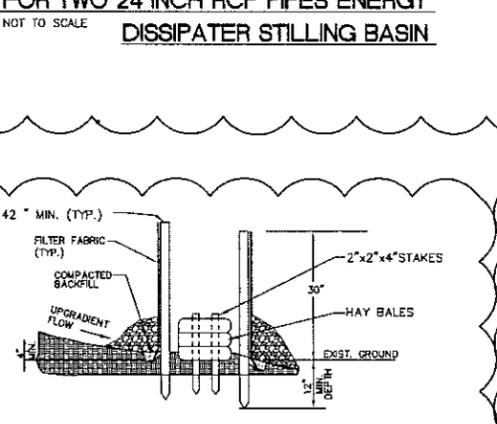
**4 FOR TWO 24 INCH RCP PIPES ENERGY DISSIPATER STILLING BASIN**  
C-3 NOT TO SCALE



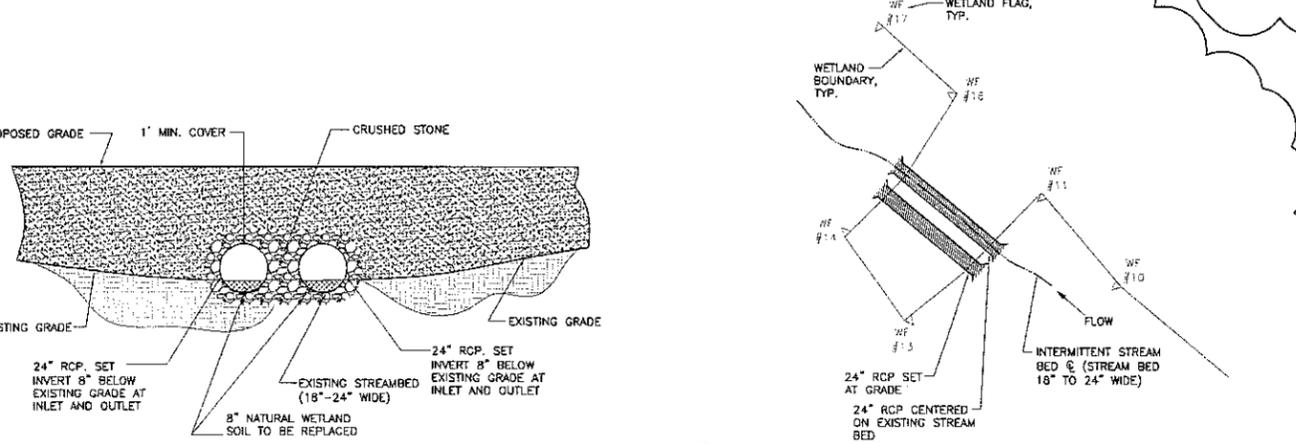
**5 FOR RIPRAP SWALES ENERGY DISSIPATER STILLING BASIN**  
C-3 NOT TO SCALE



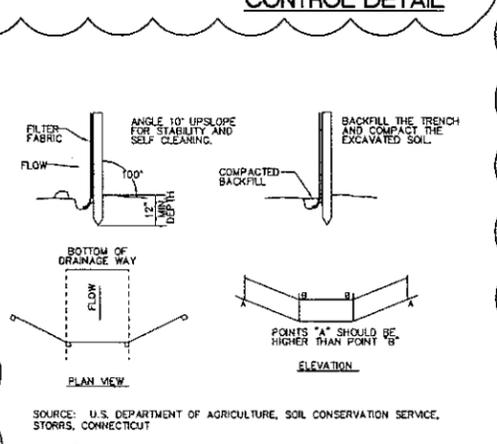
**6A WETLAND CULVERT CROSSING DETAIL**  
C-3 NOT TO SCALE



**7 SILTATION FENCE/HAYBALE/SILTATION FENCE 'SANDWICH' EROSION CONTROL DETAIL**  
C-3 NOT TO SCALE



**6B CULVERT SECTION AT WETLAND CROSSING**  
C-3 NOT TO SCALE



**8 SILTATION FENCE DETAIL**  
C-3 NOT TO SCALE

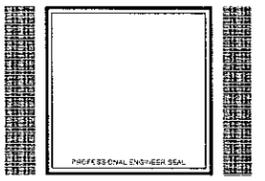
**SOIL EROSION AND SEDIMENT CONTROL SEQUENCE**

- (A) ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES, SUCH AS CONSTRUCTION ENTRANCE / ANTI-TRACKING PAD, SILTATION FENCE, AND SILTATION FENCE / HAY BALE / SILTATION FENCE 'SANDWICH' SHALL BE IN PLACE PRIOR TO ANY GRADING ACTIVITY, INSTALLATION OF PROPOSED STRUCTURES OR UTILITIES. MEASURES SHALL BE LEFT IN PLACE AND MAINTAINED UNTIL CONSTRUCTION IS COMPLETED AND/OR AREA IS STABILIZED.
- (B) ALL ENTRANCES TO THE PROJECT SITE ARE TO BE PROTECTED BY STONE TRACKING PADS OF ASTM C-33, SIZE NO. 2 OR 3, OR CT. D.O.T. 2\"/>

REVISIONS			
20	9/12/07	SITING COUNCIL-REVIEW	
31	02/14/07	CT SITING COUNCIL	
32	03/29/07	CT SITING COUNCIL	
33	10/16/07	REVISED CT SITING COUNCIL	

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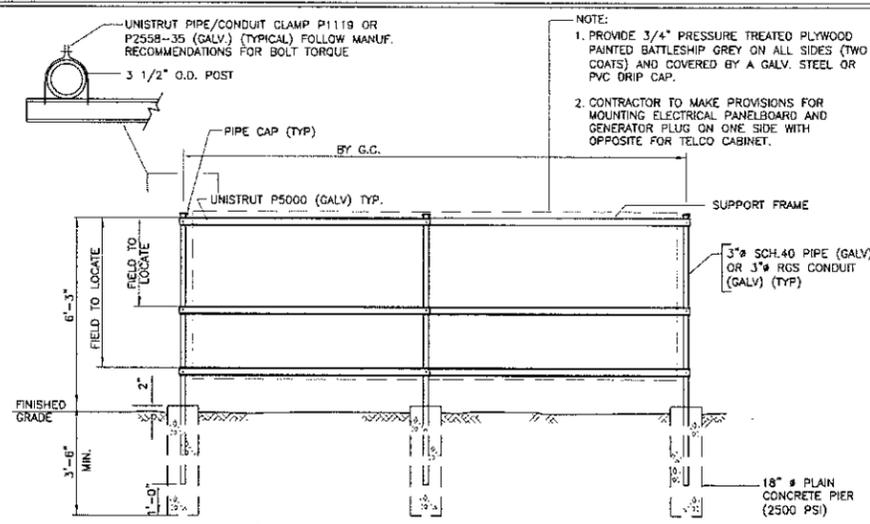


**GOSHEN**  
NORTH STREET (ROUTE 83)  
GOSHEN, CT 08756

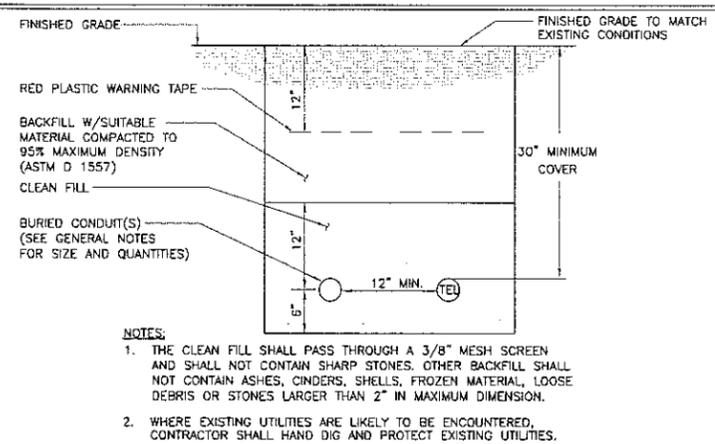
PROJECT NO: 06082  
DRAWN BY: DMD  
CHECKED BY: GFC  
SCALE: AS NOTED  
DATE: 08/07/06

**SITE DETAILS AND NOTES**

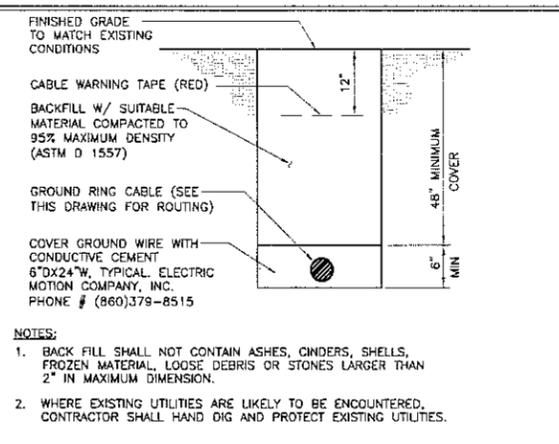
**C-3**  
DWG. 5 OF 7



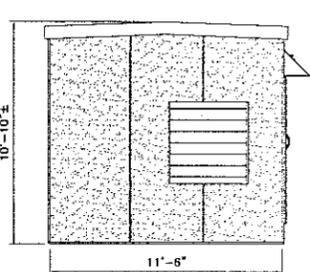
**1 UTILITY SUPPORT FRAME (TYP)**  
C-4 NOT TO SCALE



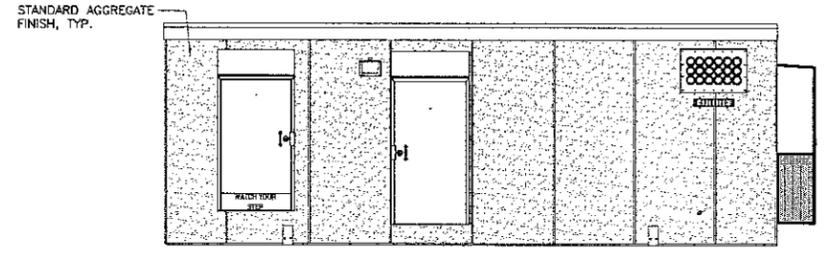
**2 TYPICAL ELECTRICAL/TEL TRENCH DETAIL**  
C-4 NOT TO SCALE



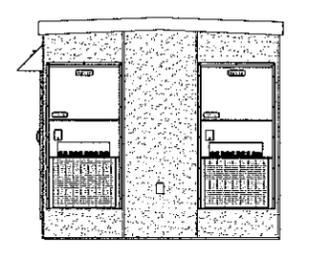
**3 TYPICAL BURIAL GROUND CABLE DETAIL**  
C-4 NOT TO SCALE



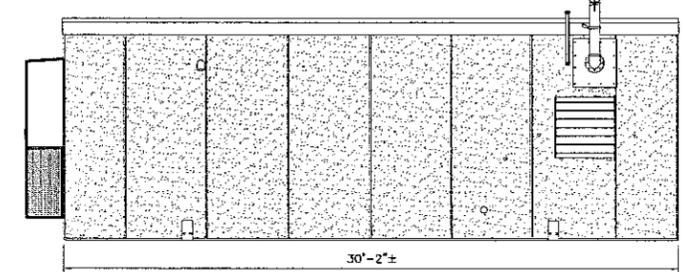
**4 EAST SHELTER ELEVATION**  
C-4 SCALE: 1/4" = 1'-0"



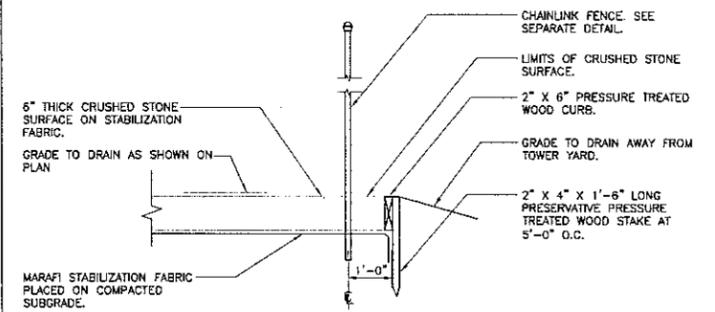
**5 NORTH SHELTER ELEVATION**  
C-4 SCALE: 1/4" = 1'-0"



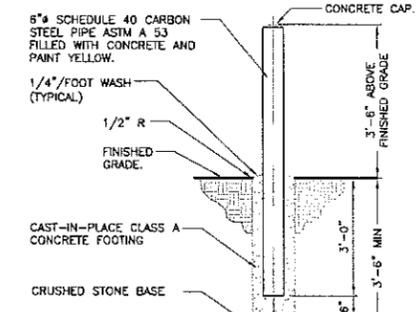
**6 WEST SHELTER ELEVATION**  
C-4 SCALE: 1/4" = 1'-0"



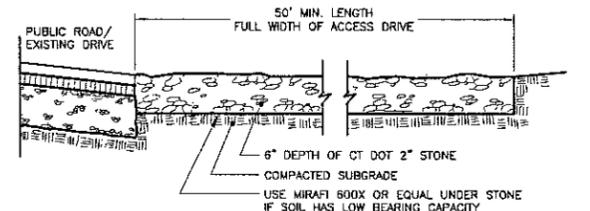
**7 SOUTH SHELTER ELEVATION**  
C-4 SCALE: 1/4" = 1'-0"



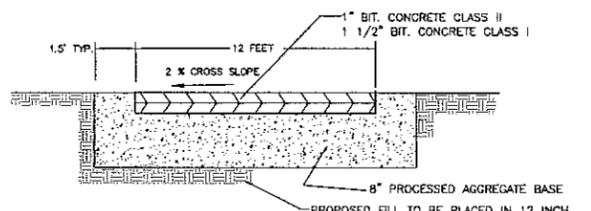
**8 COMPOUND SURFACING DETAIL**  
C-4 NOT TO SCALE



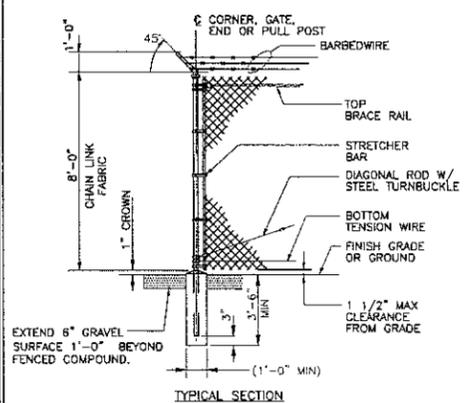
**9 BOLLARD DETAIL**  
C-4 NOT TO SCALE



**10 ANTI-TRACKING APRON**  
C-4 NOT TO SCALE

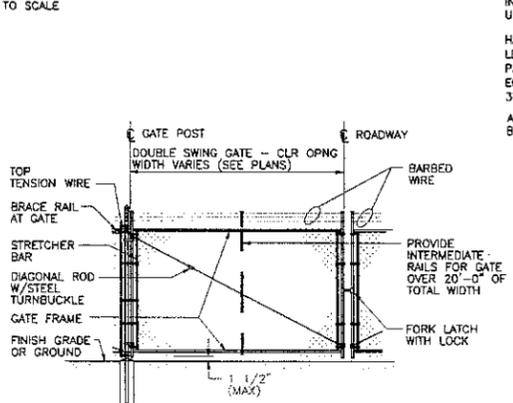


**11 BITUMINOUS CONCRETE APRON**  
C-4 NOT TO SCALE

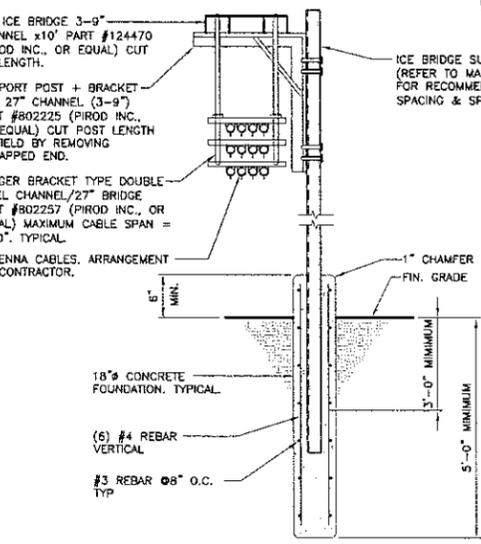


**12 WOVEN WIRE FENCE DETAIL**  
C-4 NOT TO SCALE

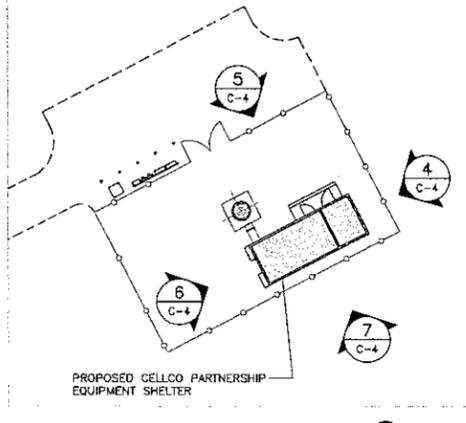
- WOVEN WIRE FENCE NOTES**
- GATE POST, CORNER, TERMINAL OR PULL POST 2 1/2" # SCHEDULE 40 FOR GATE WIDTHS UP THRU 6 FEET OR 12 FEET FOR DOUBLE SWING GATE PER ASTM-F1083.
  - LINE POST: 2" # SCHEDULE 40 PIPE PER ASTM-F1083.
  - GATE FRAME: 1 1/2" # SCHEDULE 40 PIPE PER ASTM-F1083.
  - TOP RAIL & BRACE RAIL: 1 1/2" # SCHEDULE 40 PIPE PER ASTM-F1083.
  - FABRIC: 12 GA. CORE WIRE SIZE 2" MESH, CONFORMING TO ASTM-A392.
  - 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.
  - TENSION WIRE: 7 GA. GALVANIZED STEEL.
  - BARBED WIRE: DOUBLE STRAND 12-1/2" 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, KEYPED ALIKE FOR ALL SITES IN A GIVEN MTA.
  - LOCAL ORDINANCE OF BARBED WIRE PERMIT REQUIREMENT SHALL BE COMPLIED WITH IF REQUIRED.
  - HEIGHT = 8' VERTICAL + 1' BARBED WIRE VERTICAL DIMENSION.



**12A WOVEN WIRE SWING GATE-DOUBLE**  
C-4 NOT TO SCALE

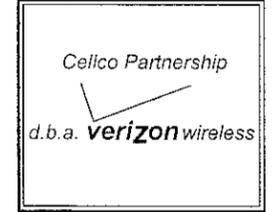


**13 ICE BRIDGE DETAIL**  
C-4 NOT TO SCALE



**SHELTER ELEVATION KEY PLAN**  
NOT TO SCALE

REVISIONS		
00	01/24/07	SITING COUNCIL-REVIEW
01	02/14/07	CT SITING COUNCIL
02	03/29/07	CT SITING COUNCIL
03	10/15/07	REVISED CT SITING COUNCIL



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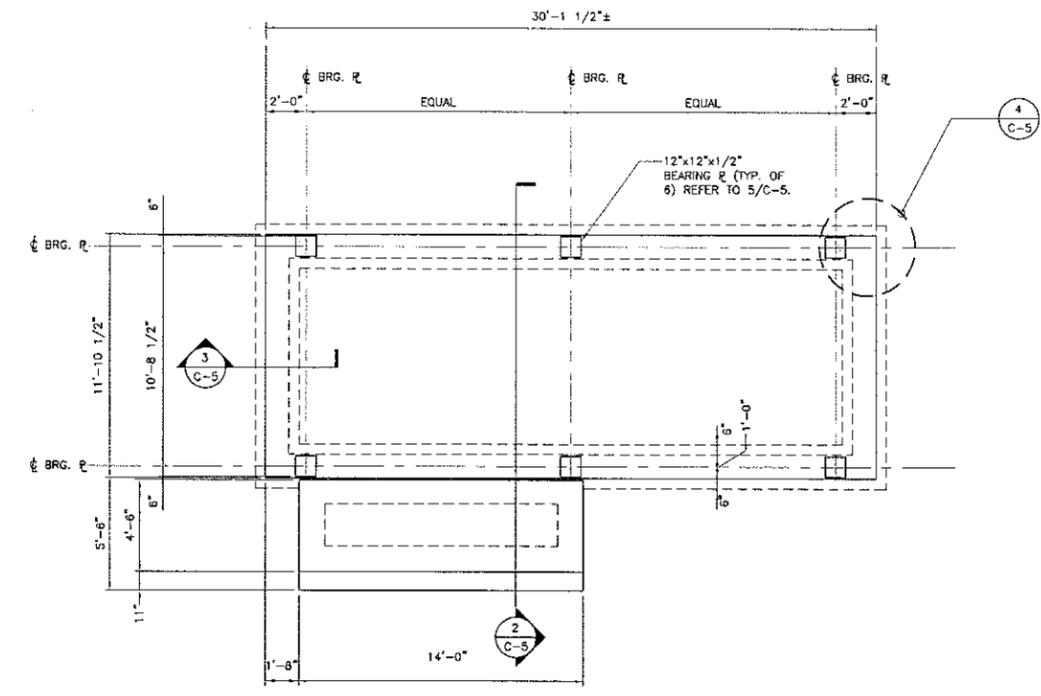


**GOSHEN**  
NORTH STREET (ROUTE 63)  
GOSHEN, CT 06755

PROJECT NO:	06082
DRAWN BY:	OMD
CHECKED BY:	CFC
SCALE:	AS NOTED
DATE:	08/07/06

**SITE DETAILS AND SHELTER ELEVATIONS**

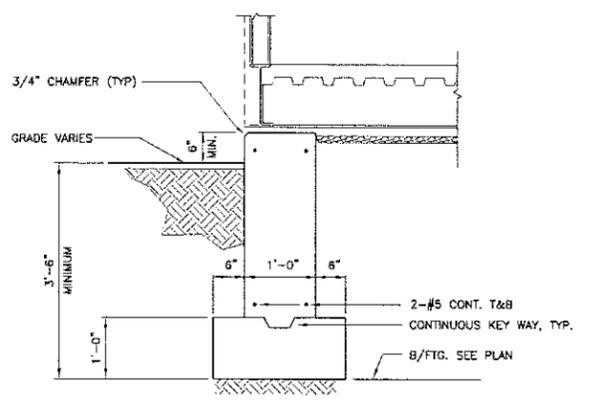
**C-4**  
DWG. 6 OF 7



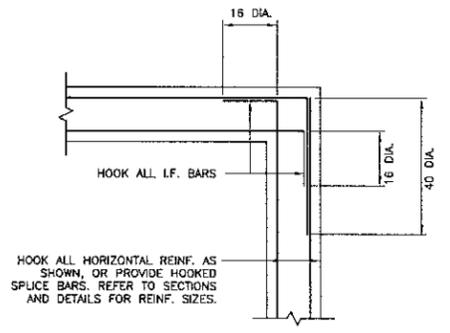
**1 FOUNDATION PLAN**  
C-5 SCALE: 1/4"=1'-0"

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

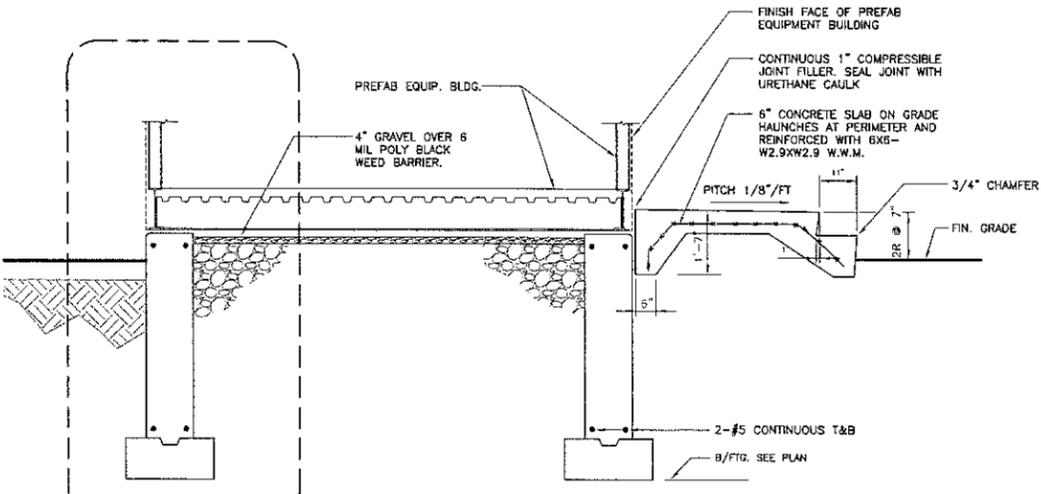
**EQUIPMENT SHELTER BY VERIZON WIRELESS. VERIFY ALL SHELTER DIMENSIONS, EQUIPMENT DIMENSIONS, EQUIPMENT LOCATIONS AND UTILITY OPENINGS WITH BUILDING SHOP DRAWINGS PRIOR TO COMMENCEMENT OF WORK.**



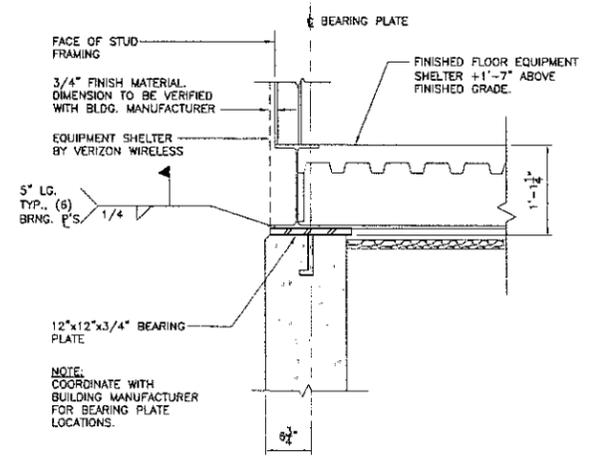
**3 SECTION**  
C-5 SCALE: 3/4"=1'-0"



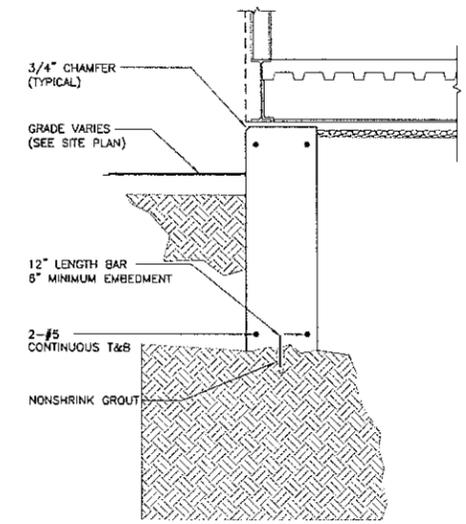
**4 SECTION**  
C-5 NOT TO SCALE



**2 TYPICAL SECTION**  
C-5 SCALE: 1/2"=1'-0"



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



**6 FOUNDATION OVER LEDGE (TYPICAL)**  
C-5 SCALE: 3/4"=1'-0"

**GENERAL NOTES:**

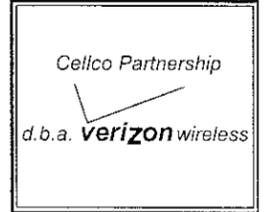
- GENERAL**
- IF ANY FIELD CONDITIONS EXIST WHICH PRECLUDE COMPLIANCE WITH THE DRAWINGS, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER AND SHALL NOT PROCEED WITH ANY AFFECTED WORK.
  - DIMENSIONS AND DETAILS SHALL BE CHECKED AGAINST THE PRE MANUFACTURED EQUIPMENT BUILDING SHOP DRAWINGS.
  - THE 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 COMPACTOR EQUIPMENT. COMPACTOR 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 ASTM D-1557 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 COMPACTOR IS ACHIEVED FOR THE PREVIOUS LAYER. IF NECESSARY TO OBTAIN THE REQUIRED COMPACTOR, 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.

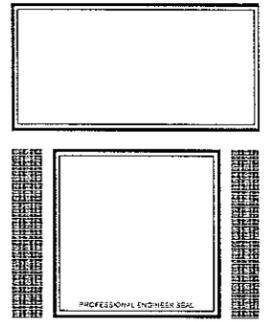
- FOUNDATIONS**
- ALL FOOTINGS SHALL BEAR ON UNDISTURBED NATURAL MATERIAL OR COMPACTED STRUCTURAL FILL HAVING AN ALLOWABLE BEARING CAPACITY 2 TONS PER SQUARE FOOT TOTAL LOAD PRESSURE.
  - ELEVATIONS OF BOTTOM OF FOOTING SHOWN ON THE PLANS ARE FOR BIDDING PURPOSES AND SHALL BE LOWERED TO THE REQUIRED BEARING MATERIAL 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 THE LATEST ACI MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCEMENT IN CONCRETE STRUCTURES (ACI 315).
  - WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185. WIRE MESH REINFORCEMENT MUST LAP ONE FULL MESH AT SIDE AND END LAPS, AND SHALL BE WIRED 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, BOLSTERS, 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 PERTINENT DIMENSIONS, REINFORCEMENT SIZES, SPACING, LOCATIONS AND QUANTITIES SHALL BE NOTED.

REVISIONS		
30	01/24/07	SITING COUNCIL-REVIEW
31	02/14/07	CT SITING COUNCIL
32	03/29/07	CT SITING COUNCIL
33	10/15/07	REVISED CT SITING COUNCIL



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**GOSHEN**  
NORTH STREET (ROUTE 63)  
GOSHEN, CT 06756

PROJECT NO:	06082
DRAWN BY:	DMD
CHECKED BY:	CFC
SCALE:	AS NOTED
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**EQUIP. SHELTER FOUNDATION DETAILS AND NOTES**