

PROJECT DESCRIPTION:

CONSTRUCTION OF PERSONAL COMMUNICATION SYSTEM (PCS) CONSISTING OF A MONOPOLE TOWER, EQUIPMENT SHELTER WITHIN A FENCED COMPOUND. NO WATER OR SEWER IS REQUIRED.

CODE COMPLIANCE:

ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THE LATEST EDITIONS OF THE FOLLOWING:

1. CT BUILDING CODE
2. UNIFORM BUILDING CODE
3. BUILDING OFFICIALS AND CODE ADMINISTRATORS (BOCA)
4. UNIFORM MECHANICAL CODE
5. ANSI/TIA/EIA-222-F
6. UNIFORM PLUMBING CODE
7. NATIONAL ELECTRIC CODE
8. LOCAL BUILDING CODE
9. CITY/COUNTY ORDINANCES



Sprint

REDDING

PROPOSED UNMANNED WIRELESS TELECOMMUNICATION SITE

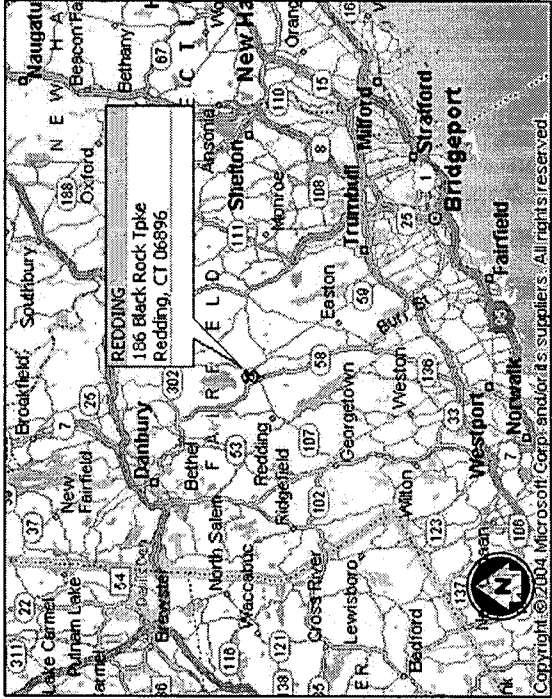
SITE NUMBER: CT54XC768

186 BLACK ROCK TURNPIKE

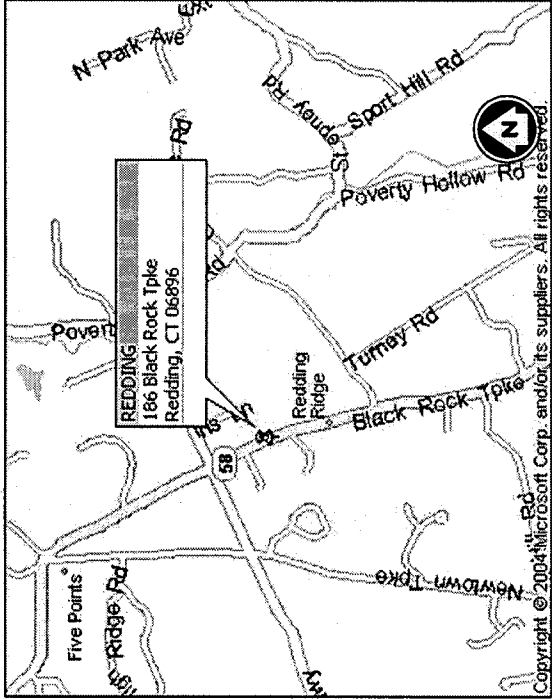
REDDING, CT 06896

DIRECTIONS:

DEPART CROSSROADS BLVD., MAHWAH NJ 07495. BEAR LEFT ONTO MOUNTAINSIDE RD. TAKE RAMP ONTO SR-17. MERGE ONTO I-287. ENTER NY. TAKE RAMP ONTO I-87. AT EXIT 8, TAKE RAMP ONTO I-287. AT EXIT 9S-N, TAKE RAMP ONTO WESTCHESTER AVE. AT EXIT 9N, TAKE RAMP ONTO HUTCHINSON RIVER PKY N. ENTER CT. ROAD NAME CHANGES TO MERRITT PKY. AT EXIT 40B, TURN RIGHT ONTO RAMP. BEAR RIGHT ONTO MAIN AVE. KEEP STRAIGHT ONTO MAIN AVE. TURN ONTO US-7. TURN RIGHT ONTO SR-57. KEEP STRAIGHT ONTO REDDING RD. BEAR LEFT ONTO SR-53. TURN RIGHT ON HILL RD. TURN RIGHT ONTO CROSS HWY. KEEP RIGHT ONTO LOCAL ROADS. BEAR RIGHT ONTO BLACK ROCK TPKE. ARRIVE AT 186 BLACK ROCK TPKE, REDDING, CT 06896



VICINITY MAP
N.T.S.



LOCATION MAP
N.T.S.



DIG ALERT:
CALL FOR UNDERGROUND UTILITIES PRIOR TO DIGGING:
1-800-922-4455
EMERGENCY:
CALL 911

Sprint

infinity
ENGINEERING

300 GREAT OAKS BLVD.

SUITE 312

ALBANY, NY 12203

OFFICE #: (518) 690-0790

FAX #: (518) 690-0793

CONTACT: JOHN STEVENS

NAD 83/NAVD 88

SURVEYOR CERTIFIES THAT THE COORDINATES ARE ACCURATE TO WITHIN 50' +/- HORIZONTAL AND 20' +/- VERTICAL.

RAD CENTER: ±120' AGL

LATITUDE: 41° 18' 35.671"

LONGITUDE: 73° 20' 51.332"

GROUND ELEVATION: ±642.9' AMSL

FAIRFIELD COUNTY, CONNECTICUT

PROJECT INFORMATION

SITE NAME: REDDING
SITE ADDRESS: 186 BLACK ROCK TURNPIKE
REDDING, CT 06896
ZONING DISTRICT: R-2
MAP/BLOCK/LOT: 17/75/35
CONSTRUCTION AREA: ±420 SQ. FT.
LATITUDE: 41° 18' 35.671"
LONGITUDE: 73° 20' 51.332"

PROJECT DIRECTORY

LAND OWNER: REDDING FIRE DISTRICT #1
CONTACT:

APPLICANT

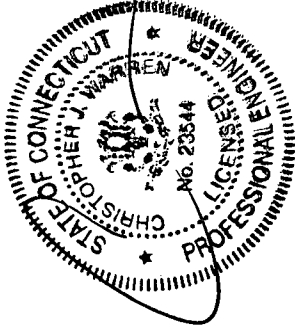
SPRINT
CROSSROADS CORPORATE CENTER
INTERNATIONAL BOULEVARD
SUITE 800
MAHWAH, NJ 07495
CONTACT: MAUREEN MUTI
PHONE: (201) 684-4313

POWER COMPANY: CL&P

TELCO COMPANY: SNET

DRAWING INDEX

DRWG. #	TITLE	REV. #	DATE
T1	TITLE SHEET	2	3/15/07
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Z5	DETAILS	2	3/15/07
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GENERAL NOTES

- ALL DIMENSIONS TO, OF, AND ON EXISTING BUILDINGS, DRAINAGE STRUCTURES, AND SITE IMPROVEMENTS SHALL BE VERIFIED IN FIELD BY CONTRACTOR WITH ALL DISCREPANCIES REPORTED TO THE ENGINEER.
- DO NOT CHANGE SIZE NOR SPACING OF STRUCTURAL ELEMENTS.
- DETAILS SHOWN ARE TYPICAL; SIMILAR DETAILS APPLY TO SIMILAR CONDITIONS UNLESS OTHERWISE NOTED.
- THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY.
- BRACE STRUCTURES UNTIL ALL STRUCTURAL ELEMENTS NEEDED FOR STABILITY ARE INSTALLED. THESE ELEMENTS ARE AS FOLLOWS: LATERAL BRACING, ANCHOR BOLTS, ETC.
- DETERMINE EXACT LOCATION OF EXISTING UTILITIES, GROUNDS DRAINS, DRAIN PIPES, VENTS, ETC. BEFORE COMMENCING WORK.
- INCORRECTLY FABRICATED, DAMAGED, OR OTHERWISE MISFITTING OR NONCONFORMING MATERIALS OR CONDITIONS SHALL BE REPORTED TO THE OWNER PRIOR TO REMEDIAL OR CORRECTIVE ACTION. ANY SUCH ACTION SHALL REQUIRE APPROVAL.
- EACH CONTRACTOR SHALL COOPERATE WITH THE OWNER'S REPRESENTATIVE, AND COORDINATE HIS WORK WITH THE WORK OF OTHERS.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO EXAMINE ALL PLAN SHEETS AND SPECIFICATIONS AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS TO ENSURE THAT WORK PROGRESSION IS NOT INTERRUPTED.
- THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING A NEAT AND ORDERLY SITE, YARD AND GROUNDS; REMOVE AND DISPOSE OFF SITE ALL RUBBISH, WASTE MATERIALS, LITTER, AND ALL FOREIGN SUBSTANCES. REMOVE PETRO-CHEMICAL SPILLS, STAINS AND OTHER FOREIGN DEPOSITS. RAKE GROUNDS TO A SMOOTH EVEN-TEXTURED SURFACE.
- THE PLANS SHOW SOME KNOWN SUBSURFACE STRUCTURES, ABOVE-GROUND STRUCTURES AND/OR UTILITIES BELIEVED TO EXIST IN THE WORKING AREA, EXACT LOCATION OF WHICH MAY VARY FROM THE LOCATIONS INDICATED. IN PARTICULAR, THE CONTRACTOR IS WARNED THAT THE EXACT OR EVEN APPROXIMATE LOCATION OF SUCH PIPELINES, SUBSURFACE STRUCTURES AND/OR UTILITIES IN THE AREA MAY BE SHOWN OR MAY NOT BE SHOWN; AND IT SHALL BE HIS RESPONSIBILITY TO PROCEED WITH GREAT CARE IN EXECUTING ANY WORK. 48 HOURS BEFORE YOU DIG, DRILL OR BLAST, CALL 1-800-922-4455.
- THE OWNER OR OWNER'S REPRESENTATIVE SHALL BE NOTIFIED IN WRITING OF ANY CONDITIONS THAT VARY FROM THOSE SHOWN ON THE PLANS. THE CONTRACTOR'S WORK SHALL NOT VARY FROM THE PLANS WITHOUT THE EXPRESSED APPROVAL OF THE OWNER OR OWNER'S REPRESENTATIVE.
- THE CONTRACTOR IS INSTRUCTED TO COOPERATE WITH ANY AND ALL OTHER CONTRACTORS PERFORMING WORK ON THIS JOB SITE DURING THE PERFORMANCE OF THIS CONTRACT.
- THE CONTRACTOR SHALL RESTORE ALL PUBLIC OR PRIVATE PROPERTY DAMAGED OR REMOVED TO AT LEAST AS GOOD OF CONDITION AS BEFORE DISTURBED AS DETERMINED BY THE OWNER OR OWNER'S REPRESENTATIVE.
- THE CONTRACTOR SHALL COMPLY WITH ALL REQUIRED PERMITS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING, AND INCURRING THE COST OF ALL REQUIRED PERMITS, INCLUDING, BUT NOT LIMITED TO, THE BUILDING PERMIT, INSPECTIONS, CERTIFICATES, ETC.
- THE CONTRACTOR SHALL PROTECT EXISTING PROPERTY LINE MONUMENTATION. ANY MONUMENTATION DISTURBED OR DESTROYED, AS JUDGED BY THE OWNER OR OWNER'S REPRESENTATIVE, SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE UNDER THE SUPERVISION OF A LICENSED LAND SURVEYOR.
- ALL TRENCH EXCAVATION AND ANY REQUIRED SHEETING AND SHORING SHALL BE DONE IN ACCORDANCE OSHA REGULATIONS FOR CONSTRUCTION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR DEWATERING AND THE MAINTENANCE OF SURFACE DRAINAGE DURING THE COURSE OF WORK.
- ALL UTILITY WORK INVOLVING CONNECTIONS TO EXISTING SYSTEMS SHALL BE COORDINATED WITH THE OWNER OR OWNER'S REPRESENTATIVE AND THE UTILITY OWNER. NOTIFY THE OWNER OR OWNER'S REPRESENTATIVE AND THE UTILITY OWNER BEFORE EACH AND EVERY CONNECTION TO EXISTING SYSTEMS IS MADE.
- MAINTAIN FLOW FOR ALL EXISTING UTILITIES.
- ALL SITE FILL SHALL MEET SELECTED FILL STANDARDS AS DEFINED BY THE OWNER OR OWNER'S REPRESENTATIVE ON THE DRAWINGS.
- CONTRACTOR SHALL GRADE ALL AREAS ON THE SITE TO PROVIDE POSITIVE DRAINAGE AWAY FROM THE EQUIPMENT PAD AND THE TOWER.
- ALL IMPROVEMENTS TO CONFORM WITH LOCAL JURISDICTION CONSTRUCTION STANDARDS AND SPECIFICATIONS, LATEST EDITION.

STRUCTURAL STEEL NOTES

- STRUCTURAL STEEL SHALL CONFORM TO THE LATEST EDITION OF THE AISC "SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS".
- ALL INTERIOR STRUCTURAL STEEL USED SHALL BE, WHEN DELIVERED, FINISHED WITH ONE COAT FABRICATOR'S NON-LEAD, RED OXIDE PRIMER. PRIMING SHALL BE PERFORMED AFTER SHOP FABRICATION TO THE GREATEST EXTENT POSSIBLE. ALL DINGS, SCRAPES, WARS, AND WELDS IN THE PRIMED AREAS SHALL BE REPAIRED BY FIELD TOUCH-UP PRIOR TO COMPLETION OF THE WORK.
- ALL EXTERIOR STEEL WORK SHALL BE GALVANIZED IN ACCORDANCE WITH SPECIFICATION ASTM A36 UNLESS OTHERWISE NOTED. GALVANIZING SHALL BE PERFORMED AFTER SHOP FABRICATION TO THE GREATEST EXTENT POSSIBLE. ALL DINGS, SCRAPES, WARS, AND WELDS IN THE GALVANIZED AREAS SHALL BE REPAIRED BY FIELD TOUCH-UP PRIOR TO COMPLETION OF THE WORK.
- DO NOT PLACE HOLES THROUGH STRUCTURAL STEEL MEMBERS EXCEPT AS SHOWN AND DETAILED ON STRUCTURAL DRAWINGS.
- CONNECTIONS:
 - ALL WELDING SHALL BE DONE USING E70XX ELECTRODES AND WELDING SHALL CONFORM TO AISC AND AWS D1.1. WHERE FILLET WELD SIZES ARE NOT SHOWN, PROVIDE THE MINIMUM SIZE PER TABLE J2.4 IN THE AISC "MANUAL OF STEEL CONSTRUCTION", 9TH EDITION. AT THE COMPLETION OF WELDING, ALL DAMAGE TO GALVANIZED COATING SHALL BE REPAIRED.
 - BOLTED CONNECTIONS SHALL USE BEARING TYPE GALVANIZED ASTM A325 BOLTS (3/4" DIA) AND SHALL HAVE MINIMUM OF TWO BOLTS UNLESS NOTED OTHERWISE.
 - NON-STRUCTURAL CONNECTIONS FOR STEEL GRATING MAY USE 5/8" DIA. GALVANIZED ASTM A 307 BOLTS UNLESS NOTED OTHERWISE.
 - CONNECTION DESIGN BY FABRICATOR WILL BE SUBJECT TO REVIEW AND APPROVAL BY ENGINEER.

DESIGN DATA

- WIND LOADS: PER EIA/TIA F-222
ICE LOADS: 1/2" RADIAL ON ALL COMPONENTS & CABLE
SNOW LOAD: PER CT STATE BLDG. CODE.
SEISMIC LOADS: PER CT STATE BLDG CODE.

- DEAD LOADS
BATTERY CABINET 2825#
FUTURE BATTERY CABINET 2825#
MODCELL PRIMARY CABINET 1210#
MODCELL GROWTH CABINET 1210#
PPC FRAME 270#
WIREWAY 40#

CONCRETE NOTES

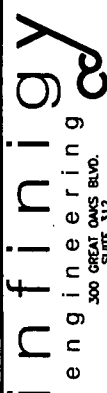
- DESIGN AND CONSTRUCTION OF ALL CONCRETE ELEMENTS SHALL CONFORM TO THE LATEST EDITIONS OF THE FOLLOWING APPLICABLE CODES: ACI 301 "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS"; ACI 318, "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE";
 - MIX DESIGN SHALL BE APPROVED BY OWNER'S REPRESENTATIVE PRIOR TO PLACING CONCRETE.
 - CONCRETE SHALL BE NORMAL WEIGHT, 6% AIR ENTRAINED (±1.5%) WITH A MAXIMUM 4" SLUMP, AND HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 3000 PSI UNLESS OTHERWISE NOTED.
 - MAXIMUM AGGREGATE SIZE SHALL BE 1".
- THE FOLLOWING MATERIALS SHALL BE USED:
 - PORTLAND CEMENT: ASTM C 150, TYPE I
 - REINFORCEMENT: ASTM A 185
 - NORMAL WEIGHT AGGREGATE: ASTM C 33
 - WATER: DRINKABLE
 - ADMIXTURES: NON-CHLORIDE CONTAINING
- REINFORCING DETAILS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF ACI 315.
- REINFORCING STEEL SHALL CONFORM TO ASTM A 615, GRADE 60, 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.
- THE FOLLOWING MINIMUM CONCRETE COVER SHALL BE PROVIDED FOR REINFORCING STEEL UNLESS SHOWN OTHERWISE ON DRAWINGS:

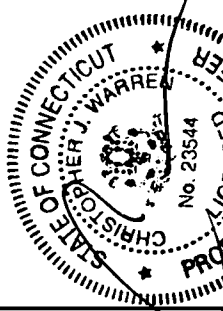
CONCRETE CAST AGAINST EARTH.....	3 IN.
CONCRETE EXPOSED TO EARTH OR WEATHER:	
#6 AND LARGER	2 IN.
#5 AND SMALLER & WWF	1 1/2 IN.
CONCRETE NOT EXPOSED TO EARTH OR WEATHER OR NOT CAST AGAINST THE GROUND:	
SLAB AND WALL	3/4 IN.
BEAMS AND COLUMNS	1 1/2 IN.

- A CHAMFER 3/4" SHALL BE PROVIDED AT ALL EXPOSED EDGES OF CONCRETE, UNO, IN ACCORDANCE WITH ACI 301 SECTION 4.2.4.
- INSTALLATION OF CONCRETE EXPANSION/WEDGE ANCHOR, SHALL BE PER MANUFACTURES 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.
- CURING COMPOUNDS SHALL CONFORM TO ASTM C-309.
- ADMIXTURES SHALL CONFORM TO THE APPROPRIATE ASTM STANDARD AS REFERENCED IN ACI-301.
- DO NOT WELD OR TACKWELD REINFORCING STEEL.
- ALL DOWELS, ANCHOR BOLTS, EMBEDDED STEEL, ELECTRICAL CONDUITS, PIPE SLEEVES, GROUNDS AND ALL OTHER EMBEDDED ITEMS AND FORMED DETAILS SHALL BE IN PLACE BEFORE START OF CONCRETE PLACEMENT.
- LOCATE ADDITIONAL CONSTRUCTION JOINTS REQUIRED TO FACILITATE CONSTRUCTION AS ACCEPTABLE TO ENGINEER. PLACE REINFORCEMENT CONTINUOUSLY THROUGH JOINT.
- REINFORCEMENT SHALL BE COLD BENT WHENEVER BENDING IS REQUIRED.
- PLACE CONCRETE IN A UNIFORM MANNER TO PREVENT THE FORMATION OF COLD JOINTS AND OTHER PLANES OF WEAKNESS. VIBRATE THE CONCRETE TO FULLY EMBED REINFORCING. DO NOT USE VIBRATORS TO TRANSPORT CONCRETE THROUGH CHUTES OR FORMWORK.
- DO NOT PLACE CONCRETE IN WATER, ICE, OR ON FROZEN GROUND.
- DO NOT ALLOW CONCRETE SUBBASE TO FREEZE DURING CONCRETE CURING AND SETTING PERIOD, OR FOR A MINIMUM OF 14 DAYS AFTER PLACEMENT.
- FOR COLD-WEATHER AND HOT-WEATHER CONCRETE PLACEMENT, CONFORM TO APPLICABLE ACI CODES AND RECOMMENDATIONS. IN EITHER CASE, MATERIALS CONTAINING CHLORIDE, CALCIUM, SALTS, ETC. SHALL NOT BE USED. PROTECT FRESH CONCRETE FROM WEATHER FOR 7 DAYS MINIMUM.

CIVIL LEGEND

EXISTING	PROPOSED
UNDERGROUND ELECTRIC	FENCE
UNDERGROUND TELEPHONE	UNDERGROUND ELECTRIC
OVERHEAD WARES	UNDERGROUND TELEPHONE
	OVERHEAD TELEPHONE
	OVERHEAD ELECTRIC
	5' OR 10' CONTOUR LINE
	1' OR 2' CONTOUR LINE
	SPOT ELEVATION
	PRIMARY PROPERTY OR R.O.W.
	LEASE LINE
	EASEMENT
	UTILITY POLE
	TELEPHONE PEDESTAL
	CURB
	ASPHALT PAVEMENT
	BUILDING
	TREES, SHRUBS, BUSHES
	REPRESENTS DETAIL NUMBER
	REF. DRAWING NUMBER

 CROSSROADS CORPORATE CENTER INTERNATIONAL BOULEVARD SUITE 600 MAHWAH, NJ 07495		REDDING 186 BLACK ROCK TURNPIKE REDDING, CT 06896		GENERAL NOTES & LEGEND CT54XC768 Z1	
 300 GREAT OAKS BLVD. SUITE 312 ALBANY, NY 12203 158-65		DATE: 10/31/06		REV 2	
NO.		DATE		BY	
2		10/15/07		AID JSS	
1		10/12/07		AID JSS	
0		10/31/06		AID JSS	
REVISED PER ATTORNEY COMMENTS		AID JSS		REVISED PER ATTORNEY COMMENTS	
ISSUED FOR REVIEW		AID JSS		ISSUED FOR REVIEW	
REVISIONS		BY		CHK	

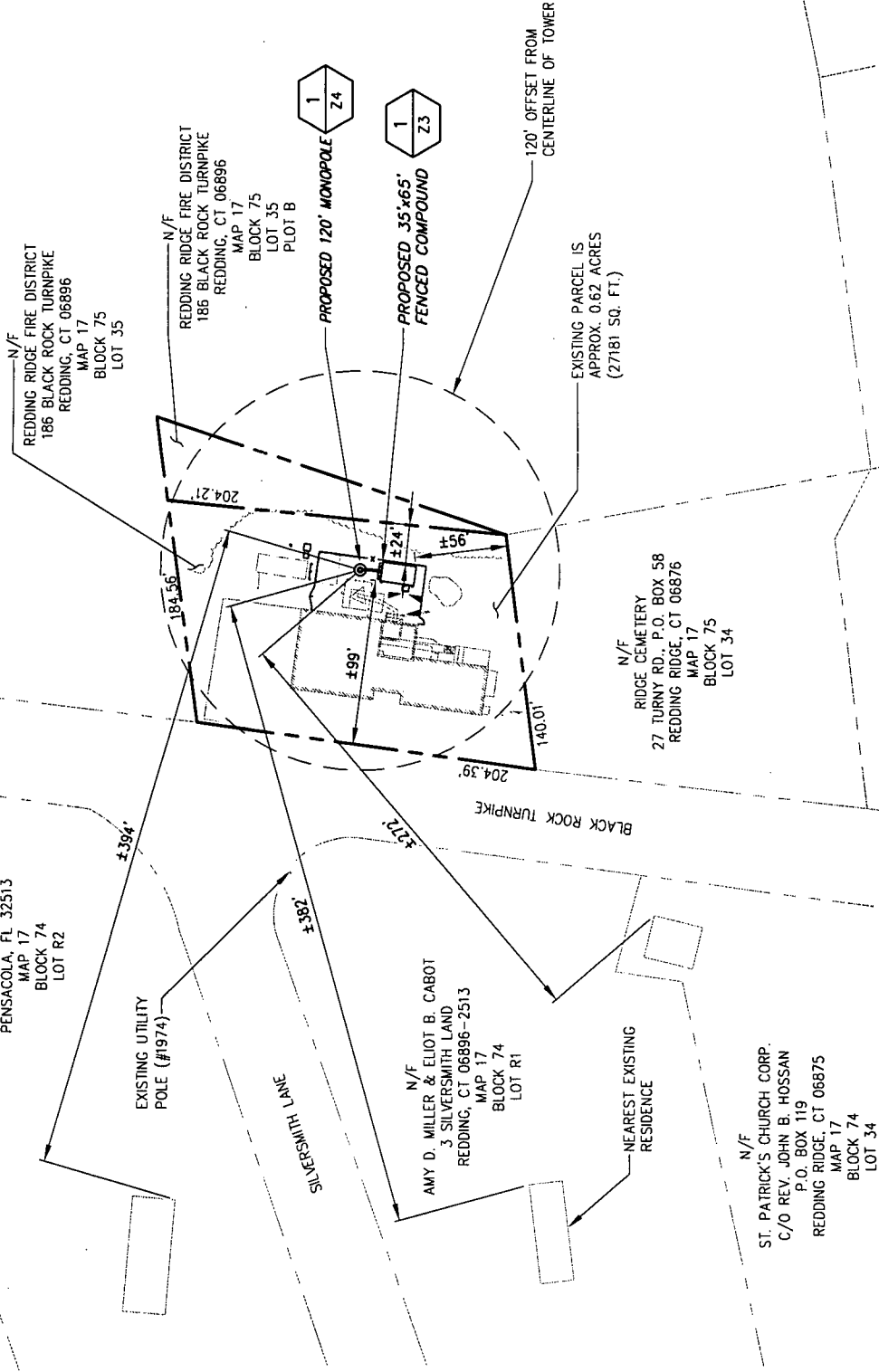


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N/F
BRADLEY J. ESTY
205 BLACK ROCK TURNPIKE
REDDING, CT 06896
MAP 17
BLOCK 74
LOT 32

N/F
FREDRICK E. & PATRICIA H. ROWSON
P.O. BOX 2430-222
PENSACOLA, FL 32513
MAP 17
BLOCK 74
LOT R2

N/F
DIAN JENNINGS MAYO
258 HILLSPPOINT RD.
WESTPORT, CT 06880
MAP 17
BLOCK 75
LOT 16

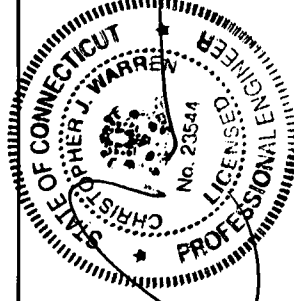


GRAPHIC SCALE



1 OVERALL SITE LAYOUT
TYP SCALE: 1" = 100'-0"

NOTE:
BASEMAPING PREPARED FROM A SITE VISIT
BY INFINGY ENGINEERING, AND EXISTING
DRAWINGS PROVIDED BY SPRINT, AND DOES
NOT REPRESENT AN ACTUAL FIELD SURVEY



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158-65


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INTERNATIONAL BOULEVARD
SUITE 800
MAHWAH, NJ 07495

REDDING
186 BLACK ROCK TURNPIKE
REDDING, CT 06896

OVERALL SITE LAYOUT
CT54XC768

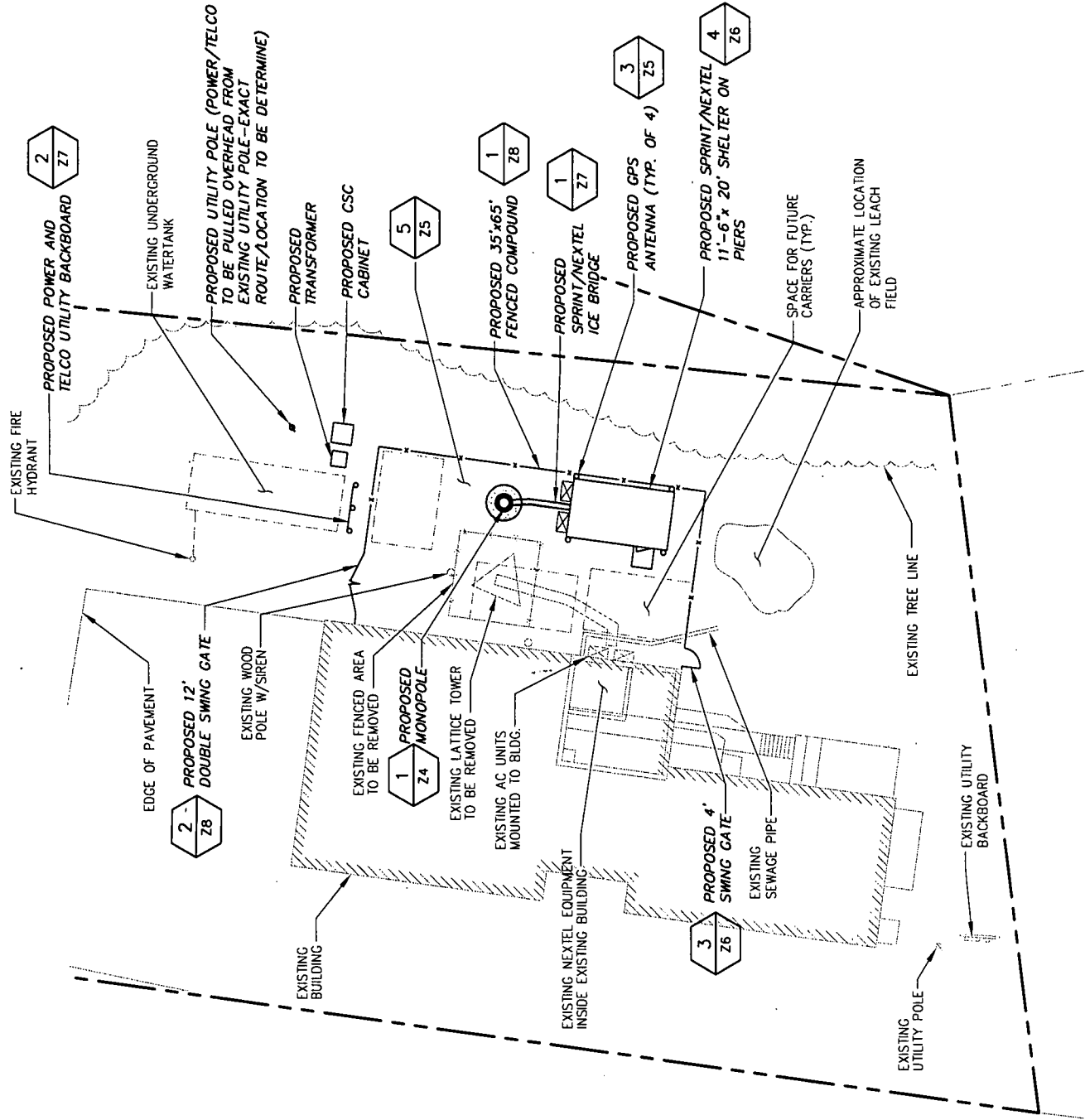
Z2

DATE: 10/31/06
REV 2

NOTE:
BASEMAPPING PREPARED FROM A SITE VISIT
BY INFINGY ENGINEERING, AND EXISTING
DRAWINGS PROVIDED BY SPRINT, AND DOES
NOT REPRESENT AN ACTUAL FIELD SURVEY
OUTSIDE THE PROPOSED COMPOUND AREA.

NOTE:
PER NATIONAL FLOOD INSURANCE PROGRAM
FOUND ON WWW.FEMA.GOV, THE PROPOSED
PROJECT IS LOCATED WITHIN "ZONE C -
AREAS OF MINIMAL FLOODING" WHICH IS
OUTSIDE THE 100 YEAR FLOOD PLAIN.

NOTE:
EXISTING UP FUEL LINE CURRENTLY
ROUTED WITHIN PROPOSED COMPOUND TO
BE RELOCATED AS NECESSARY TO BE
OUTSIDE OF PROPOSED COMPOUND AREA.



GENERAL SITE NOTES:

1. THE SUBGRADE SHALL BE COMPACTED AND BROUGHT TO A SMOOTH UNIFORM GRADE, PRIOR TO FINISHED SURFACE APPLICATION.
2. ALL EXISTING ACTIVE SEWER, WATER, GAS, ELECTRIC, AND OTHER UTILITIES WHERE ENCOUNTERED IN THE WORK, SHALL BE PROTECTED AT ALL TIMES, AND WHERE REQUIRED FOR THE PROPER EXECUTION OF THE WORK, SHALL BE RELOCATED AS DIRECTED BY ENGINEERS. EXTREME CAUTION SHOULD BE USED BY THE CONTRACTOR WHEN EXCAVATING OR PIER DRILLING AROUND OR NEAR UTILITIES. CONTRACTOR SHALL PROVIDE SAFETY TRAINING FOR THE WORKING ENGINEER.
3. ALL EXISTING INACTIVE SEWER, WATER, GAS, ELECTRIC, AND OTHER UTILITIES, WHICH INTERFERE WITH THE EXECUTION OF THE WORK, SHALL BE REMOVED AND/OR CAPPED, PLUGGED OR OTHERWISE DISCONTINUED AT POINTS WHICH WILL NOT INTERFERE WITH THE EXECUTION OF THE WORK, SUBJECT TO THE APPROVAL OF AN ENGINEER.
4. THE SITE SHALL BE GRADED TO CAUSE SURFACE WATER TO FLOW

2 GRADING AND STAKING PLAN

TYP SCALE: 1" = 20'-0"



GRAPHIC SCALE



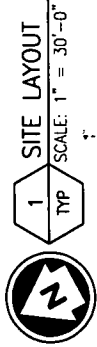
SCALE: 1" = 20'-0"

5. GARBAGE, STUMPS, DEBRIS, STICKS, STONES AND OTHER REFUSE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF IN A LEGAL MANNER..
6. THE AREAS OF THE OWNERS PROPERTY DISTURBED BY THE WORK AND NOT COVERED BY THE BUILDING OR DRIVEWAY, SHALL BE GRADED TO A UNIFORM SLOPE, FERTILIZED, AND SEEDED.
7. ALL SITE WORK SHALL BE AS INDICATED ON THE DRAWINGS AND STIPULATED IN THE SPECIFICATION SUMMARY.
8. NO FILL OR EMBANKMENT MATERIAL SHALL BE PLACED ON FROZEN GROUND. FROZEN MATERIALS, SNOW OR ICE SHALL NOT BE PLACED IN ANY FILL OR EMBANKMENT.
9. CONTRACTOR IS TO SUPPLY 8-COMBINATION LOCKS (MASTER LOCK 175LH, PART NUMBER 71649 39565).

GRAPHIC SCALE



SCALE: 1" = 30'-0"



1 SITE LAYOUT
TYP SCALE: 1" = 30'-0"

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REDDING

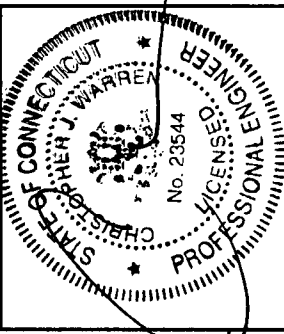
186 BLACK ROCK TURNPIKE
REDDING, CT 06896

SITE LAYOUT & STAKING PLAN

CT54XC768

Z3

DATE: 10/31/06
REV 2



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PROPOSED SPRINT/NEXTEL
PANEL ANTENNAS
(TYP. OF 4 PER SECTOR,
3 TOTAL SECTORS)

FUTURE CARRIER PANEL
ANTENNAS

PROPOSED 120'
MONOPOLE

EXISTING NEXTEL ANTENNAS ON
EXISTING LATTICE TOWER TO BE
RELOCATED ONTO THE NEW
MONOPOLE TOWER (AT 120' AGL)

EXISTING TOWN ANTENNAS ON
EXISTING LATTICE TOWER TO BE
RELOCATED ONTO NEW MONOPOLE AT
APPROXIMATELY 80' AGL (TYP.)

EXISTING LATTICE TOWER
TO BE REMOVED

EXISTING WOOD
POLE WITH SIREN

CENTERLINE OF EXISTING NEXTEL ANTENNAS = 75' AGL
CENTERLINE OF FUTURE CARRIER ANTENNAS = 90' AGL
CENTERLINE OF FUTURE CARRIER ANTENNAS = 100' AGL
CENTERLINE OF FUTURE CARRIER ANTENNAS = 110' AGL
CENTERLINE OF PROPOSED SPRINT/NEXTEL ANTENNAS = 120' AGL

1 MONOPOLE ELEVATION
TYP NOT TO SCALE:

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TOWER ELEVATION
CT54XC768
Z4

DATE: 10/31/06

REV
2

NO.	DATE	REVISIONS	BY	CHK	APP'D
2	03/15/07	REVISED PER ATTORNEY COMMENTS	AID	JSS	
1	12/12/07	REVISED PER ATTORNEY COMMENTS	AID	JSS	
0	10/31/06	ISSUED FOR REVIEW	DJM	SJB	JSS

ANTENNA CABLE CONFIGURATION

* ESTIMATED LENGTHS FROM AVAILABLE INFORMATION.
FIELD ENGINEER TO UPDATE ON AS-BUILT DRAWINGS.

FROM/TO	AZIMUTH: TBD*	DOWNTILT = TBD*		AZIMUTH: TBD*	DOWNTILT = TBD*		GPS ANTENNA
		COAX CABLE TYPE/SIZE	LENGTH (FT)*		RX/TX ①	LENGTH (FT)*	
TOP JUMPER CABLE	T-LCF12-PD3 1/2"	3'	N/A	T-LCF12-PD3 1/2"	3'	N/A	N/A
	LCF158-SQJA 1 5/8"	150'	N/A	LCF158-SQJA 1 5/8"	150'	N/A	LCF12-SQJ 1/2"
ANTENNA CABLE COVER ASSEMBLY TO PRIMARY RADIO CABINET	T-LCF12-PD4 1/2"	4'	N/A	T-LCF12-PD4 1/2"	4'	N/A	N/A
							TBD

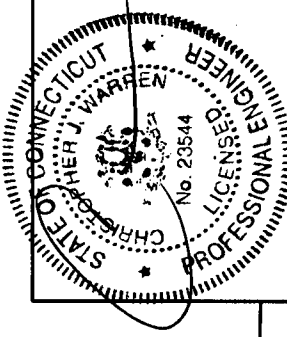
NOTE: CONTRACTOR TO CERTIFY ANTENNA AZIMUTHS ARE WITHIN ± Z OF
INFORMATION SHOWN WITH REGISTERED LAND SURVEYOR.

ANTENNA CABLE CONFIGURATION

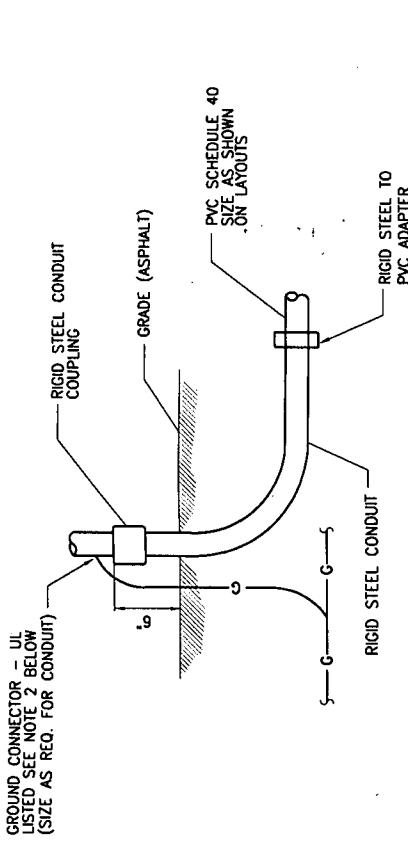
ITEM NO.	SITE NAME: REDDING	SITE NO.: CT54XC768	AGE	FIRM: INFINIDY ENGINEERING	DESCRIPTION	QUANTITY (EACH)	LENGTH (FT. EACH)	TOTAL LENGTH
1	ANTENNAS:					4	N/A	N/A
	• TBD					4	N/A	N/A
	• TBD					4	N/A	N/A
	• GPS - TBD					4	N/A	N/A
2	TILT BRACKET MODEL #DE5098					N/A	N/A	N/A
3	JUMPER CABLES: • FLEXWELL COAXIAL JUMPER ASSEMBLY (CABLEWAVE T-LCF12-PD3) • FLEXWELL COAXIAL JUMPER ASSEMBLY (CABLEWAVE T-LCF12-PD4)					12	3	36'
						12	4	48'
4	MAIN CABLES: • 1/2" DIA. FLEXWELL COAXIAL (LCF12-SQJ1) • 7/8" DIA. FLEXWELL COAXIAL (N/A) • 1-5/8" DIA. FLEXWELL COAXIAL (LCF158-SQJA)					4	FIELD CUT TO LENGTH	80'
						12		1800'
5	GROUNDING KITS WITH 60" GROUND CABLE AND 2-HOLE LUGS FOR THE FOLLOWING: • 1/2" CABLE (921231-012) • 7/8" CABLE (921231-078) • 1-5/8" CABLE (921231-158)					8	N/A	N/A
						N/A	N/A	N/A
						24	N/A	N/A
6	CONNECTORS - UNATTACHED FOR GPS AND MAIN CABLES: • MALE "N" 1/2" (734904) • FEMALE "N" 1/2" (734932) • MALE "DIN" 7/8" (15570472) • FEMALE "N" 7/8" (15571172) • FEMALE "DIN" 1-5/8" (15575572)					8	N/A	N/A
						N/A	N/A	N/A
						N/A	N/A	N/A
						24	N/A	N/A
7	PPC MINI (200 AMP), IN LINE TYPE AS MANUFACTURED BY NORTHERN TECHNOLOGIES, MODEL # NZ101-W01					N/A	N/A	N/A
8	ACCA: PROVIDED BY LUCENT W/O JUMPERS					N/A	N/A	N/A
9	HOISTING GRIPS • 1/2" CABLE (916534-012) • 7/8" CABLE (916535-078) • 1-5/8" CABLE (916534-158)					N/A	N/A	N/A
						12	N/A	N/A
10	WEATHERPROOFING KITS (916132)					12	N/A	N/A

NOTES: 1. ITEMS LISTED TO BE SUPPLIED BY OWNER.
2. ITEMS 3 AND 4 ARE FIELD FABRICATED BY CONTRACTOR.

STRUCTURAL ANALYSIS WAS NOT COMPLETE AT TIME
OF ISSUE. DRAWINGS SHOULD NOT BE USED FOR
CONSTRUCTION PURPOSE.



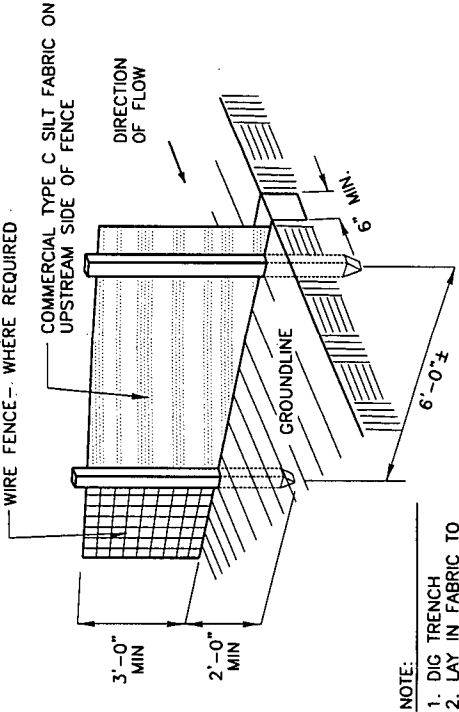
IT IS A VIOLATION OF LAW FOR ANY PERSON,
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OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER
THIS DOCUMENT.



1 UNDERGROUND CONDUIT STUB-UP
NOT TO SCALE

NOTES

1. ALL CONDUIT ABOVE GRADE MUST BE RIGID STEEL.
2. ALL PVC SCH. 40 CONDUIT MUST HAVE MIN. BURIAL DEPTH.
3. ALL NEW STRUCTURAL STEEL SHALL BE HOT DIP GALVANIZED IN ACCORDANCE WITH ASTM A123 G90 AFTER FABRICATION.
4. FIELD ABRASIONS SHALL BE TOUCH UP PAINTED WITH ZINC RICH GALVANIZING REPAIR PAINT IN ACCORDANCE WITH ASTM A780.
5. ALL EXPOSED ENDS OF CONDUITS SHALL HAVE WEATHER PROOF CAPS. DO NOT USE DUCT TAPE.
6. PROVIDE 200LB. TEST PULL WIRES IN EACH TELEPHONE AND POWER CONDUIT. STUB CONDUITS INTO ENCLOSURE AND LABEL.



- NOTE:
1. DIG TRENCH TO BOTTOM OF TRENCH
 2. LAY IN FABRIC TO BOTTOM OF TRENCH
 3. BACKFILL TRENCH, COVERING FABRIC

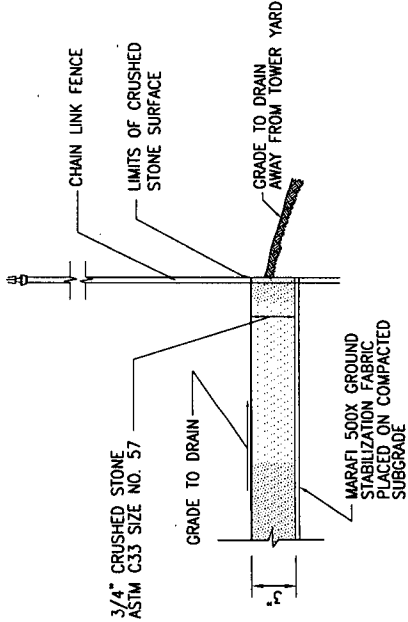
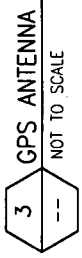
2 SILT FENCE DETAIL
NOT TO SCALE

CONSTRUCTION NOTES FOR FABRICATED SILT FENCE

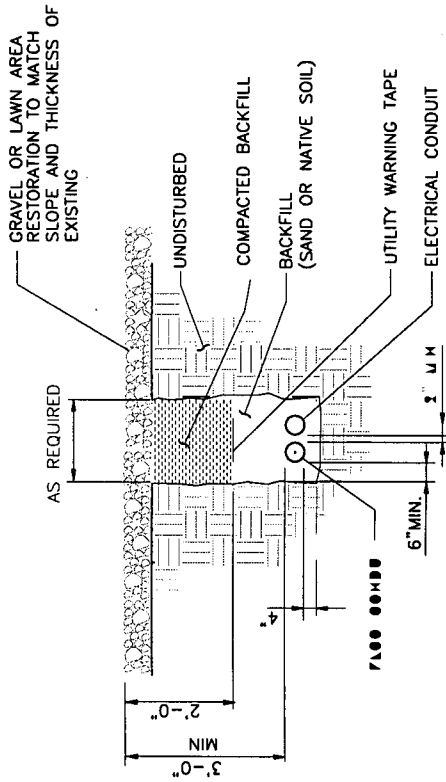
1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.
5. ALL SILT FENCE MATERIALS MUST BE LISTED ON THE CURRENT STATES. D.O.I. QUALIFIED PRODUCTS LIST.

- NOTES:
1. THE ELEVATION AND LOCATION OF THE GPS ANTENNA SHALL BE IN ACCORDANCE WITH THE FINAL RF REPORTS.
 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 18 INCHES) USING A HAND OR ROTARY PIPE CUTTER TO ASSURE A SMOOTH AND PERPENDICULAR CUT. A HACK SAW SHALL NOT BE USED. THE CUT PIPE END SHALL BE DEBURRED AND SMOOTH IN ORDER TO SEAL AGAINST THE NEOPRENE GASKET ATTACHED TO THE ANTENNA MOUNT.

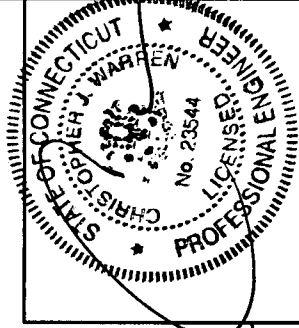
GPS ANTENNA MOUNTING BRACKET



5 SECTION THROUGH COMPOUND
NOT TO SCALE



4 UTILITY TRENCH DETAIL
NOT TO SCALE



NO.	DATE	REVISIONS	BY	CHK	APPD
2	03/15/07	REVISED PER ATTORNEY COMMENTS	AJD	AJD	JSS
1	02/12/07	REVISED PER ATTORNEY COMMENTS	AJD	AJD	JSS
0	10/31/06	ISSUED FOR REVIEW	DJW	SLB	JSS

Sprint
CROSSROADS CORPORATE CENTER
INTERNATIONAL BOULEVARD
SUITE 800
MAHWAH, NJ 07495

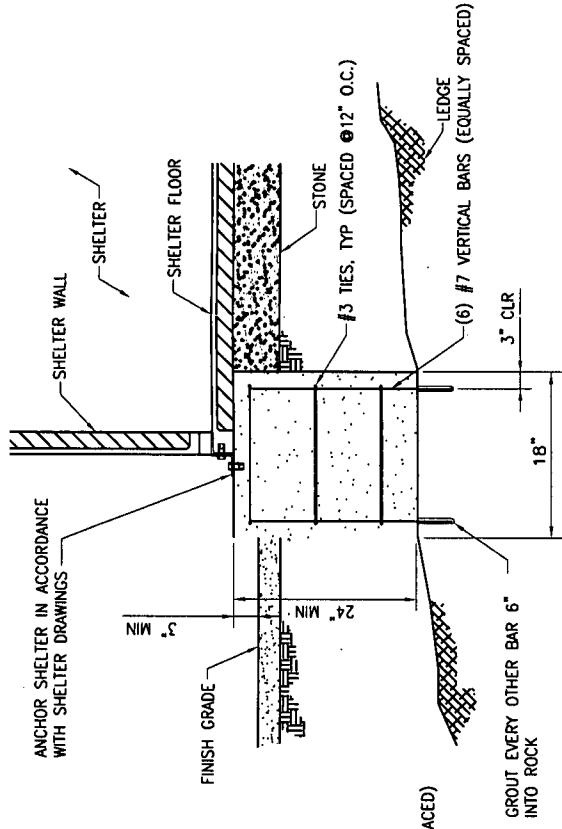
REDDING
186 BLACK ROCK TURNPIKE
REDDING, CT 06896

DETAILS
CT54XC768

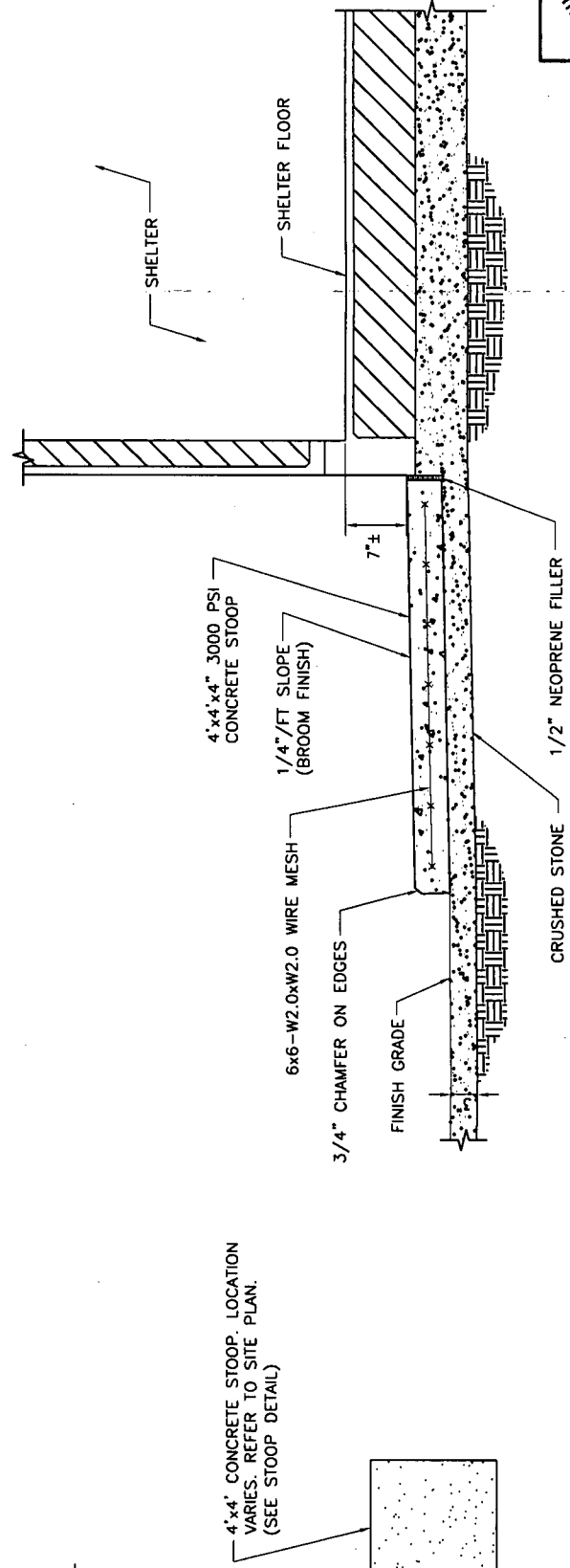
Z5

DATE: 10/31/06
REV 2

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2
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5 STOOPT DETAIL
NOT TO SCALE

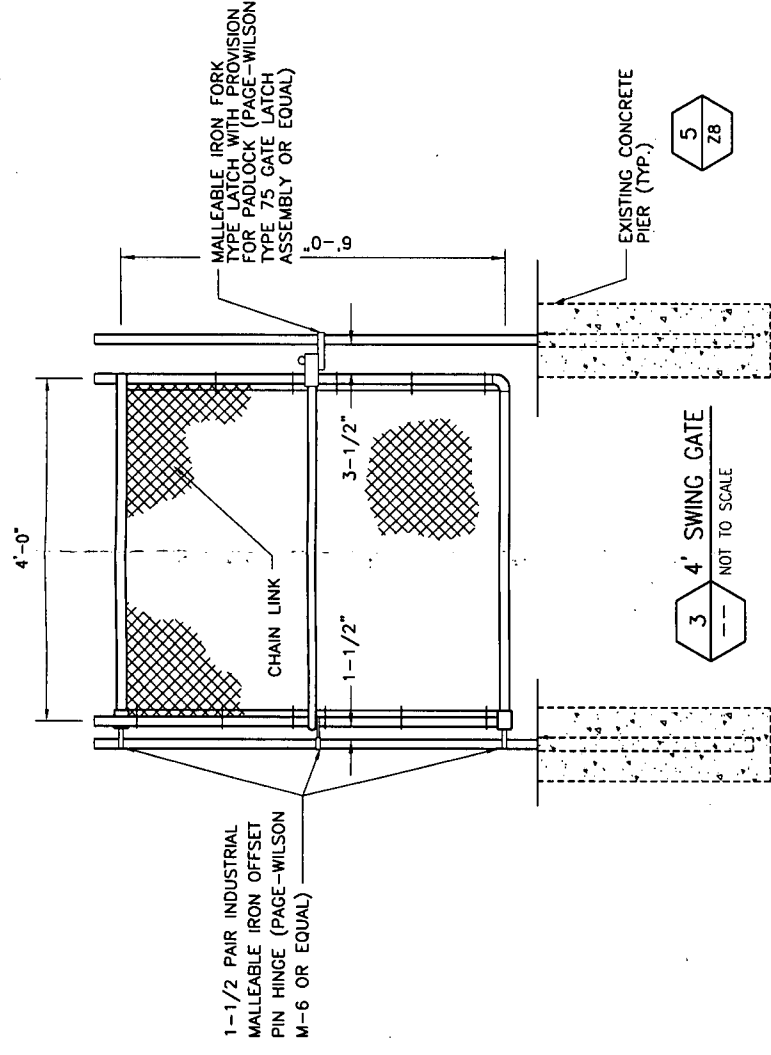
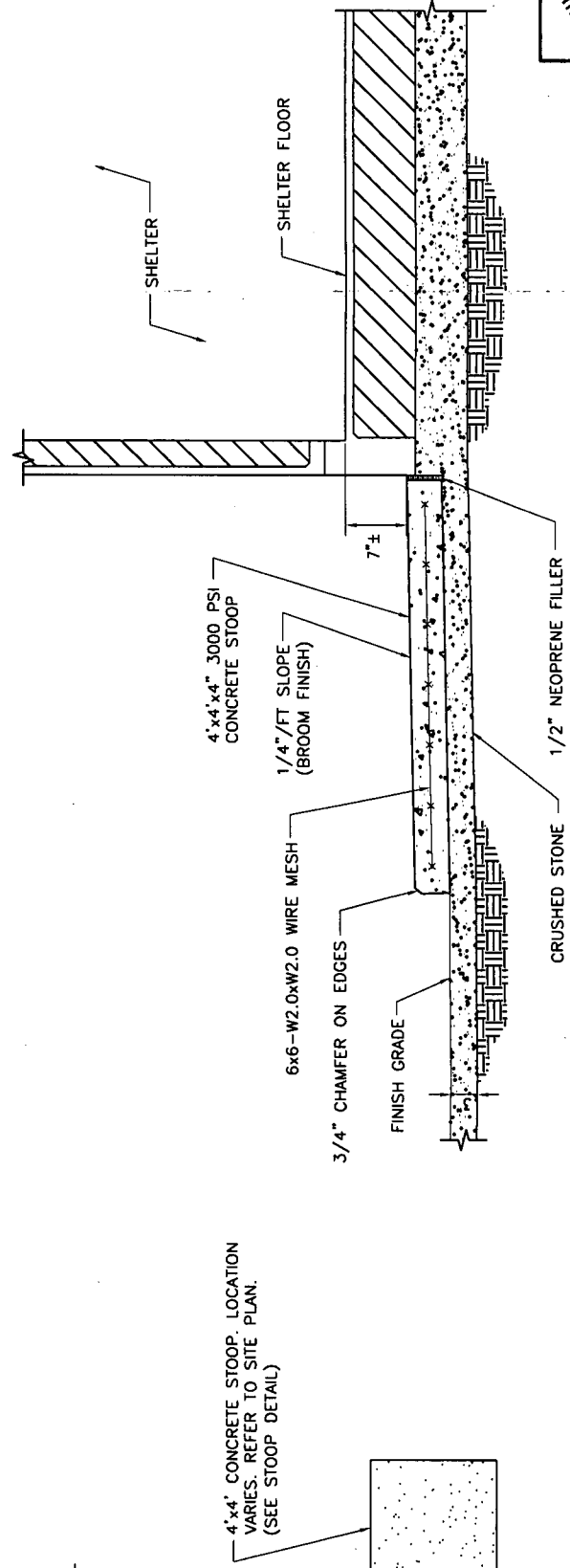
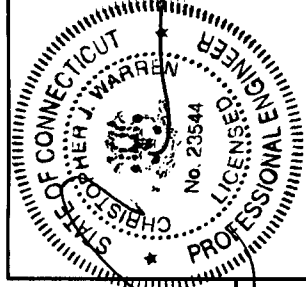


Diagram of a 4' swing gate. The gate is divided into two sections: a 3' section and a 1' section. The text "NOT TO SCALE" is written below the diagram.



5 STOOPT DETAIL
NOT TO SCALE



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[illegible]

SUPPORT POST + BRACKET FOR 27" CHANNEL
(3-9" PART #802225 (PIROD INC OR EQUAL)
USE PART #150410 FOR POST WITH 12" Ø
WELDED FLANGE + BOLT HOLES. CUT POST
LENGTH TO SUIT OR ORDER APPROPRIATE LENGTH

27" ICE BRIDGE 3-9" CHANNEL x
10' PART # 124470 (PIROD INC. OR
EQUAL) CUT ICE BRIDGE CHANNEL
LENGTH TO SUIT (SEE NOTE)

JUMPER CABLE

HANGER BRACKET TYPE LEVEL
CHANNEL PART #802257 (PIROD
INC OR EQUAL). MAXIMUM CABLE
SPAN = 3' TYP.

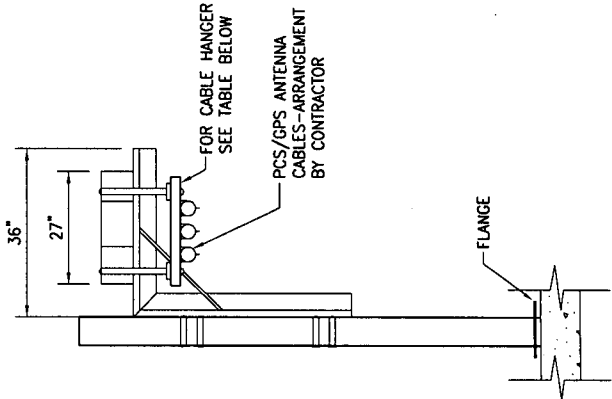
#2 AWG BCW TO
EXISTING EQUIPMENT
SHELTER ON PIERS

FIN GRADE

18" CONCRETE
PIER (TYP.)

ELEVATION

NOMINAL CABLE SIZE	NOMINAL CABLE SIZE	CABLE PART NO.	MINIMUM BEND RADIUS	STANDARD NON-INSULATED HANGER KIT	SNAP-IN HANGER KIT
1/2"	810918-001	LCF12-50	5"	920981-010	915659
7/8"	810921-001	LCF78-50	10"	920981-007	915660
1 1/4"	810916-001	LCF114-50	15"	920981-004	915594
1 5/8"	810920-001	LCF158-50	20"	920981-012	915661
1/2" JUMPER	826052-003 3' 826052-006 6' 826052-010 10'	SCF12-50	5"	920981-010	915659



SECTION

1 ICE BRIDGE
NOT TO SCALE

NO.	DATE	BY	CHK	APP'D
2	03/15/07	AJD	JSS	
1	02/12/07	AJD	JSS	
0	10/31/06	SJB	PJP	JSS

infinigy
engineering
300 GREAT OAKS BLVD.
SUITE 312
ALBANY, NY 12203
158-65

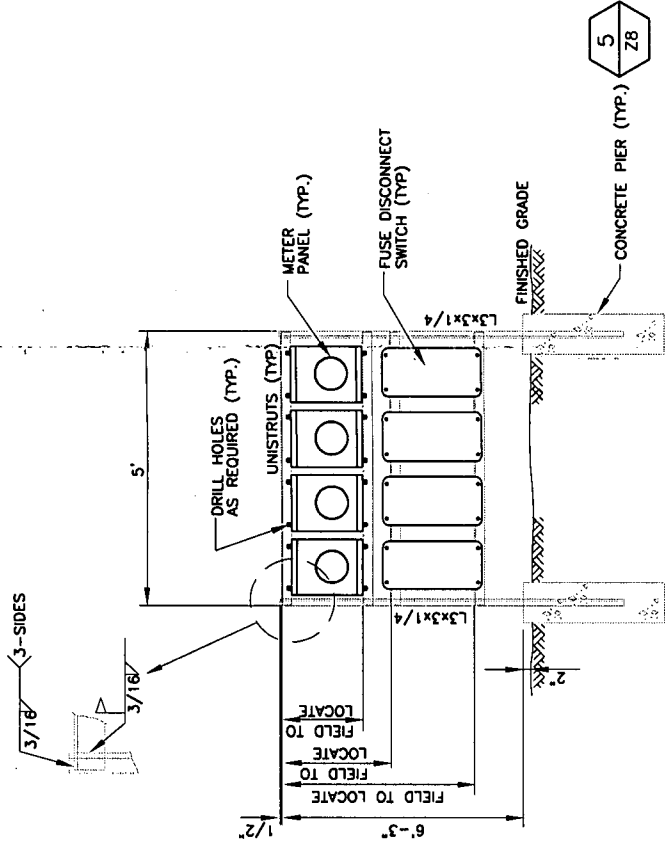
Sprint
CROSSROADS CORPORATE CENTER
INTERNATIONAL BOULEVARD
SUITE 800
MAHWAH, NJ 07495

REDDING
186 BLACK ROCK TURNPIKE
REDDING, CT 06896

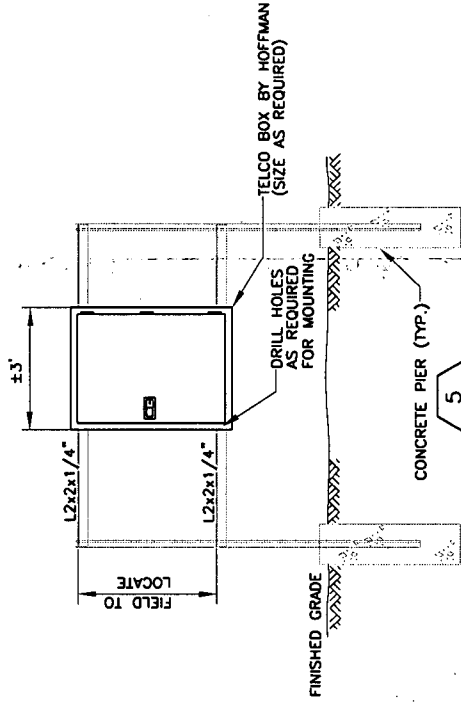
DETAILS
CT54XC768

Z7

DATE: 10/31/06
REV 2

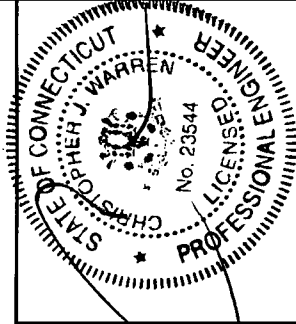


FRONT VIEW - ELECTRIC

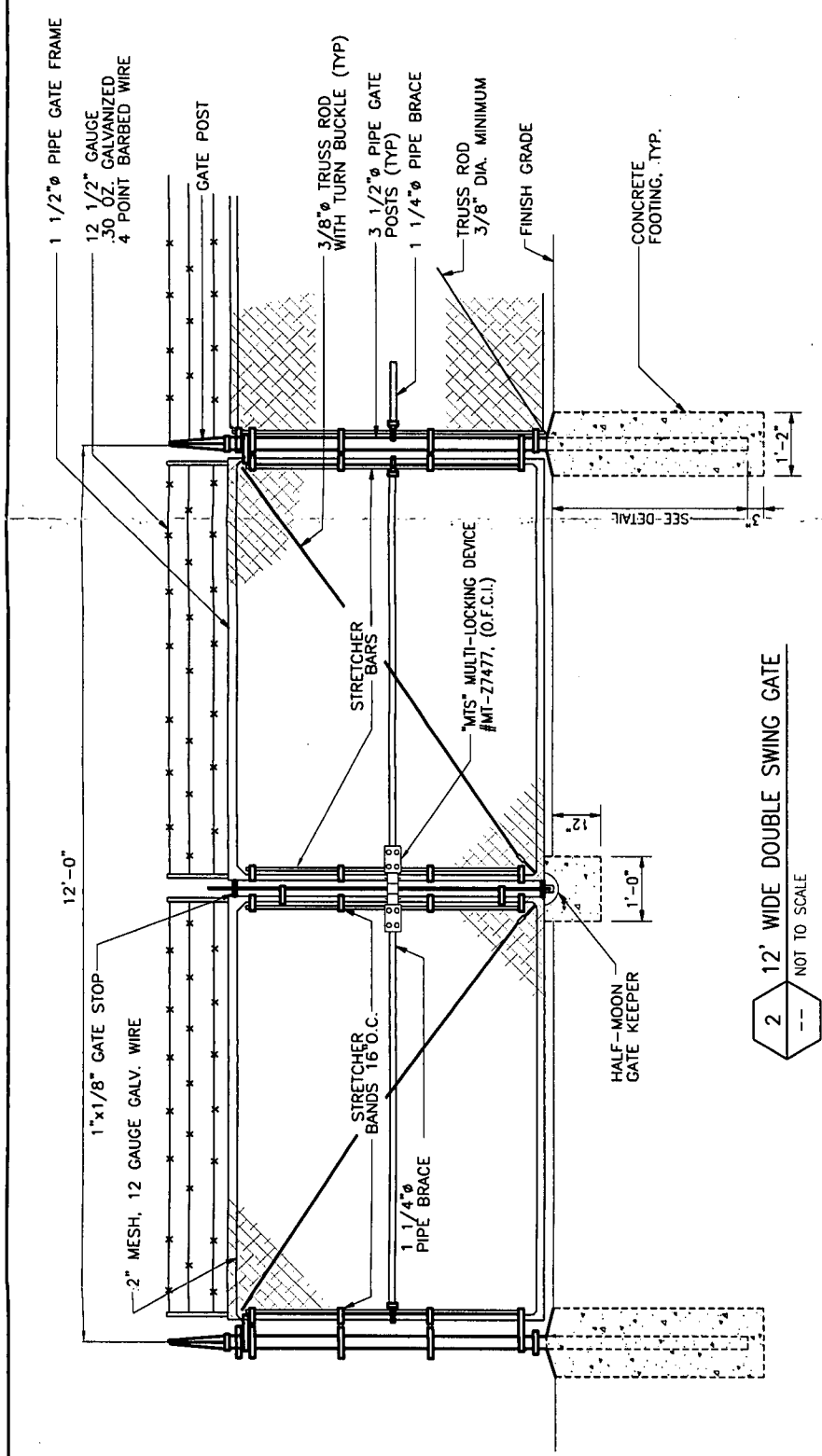
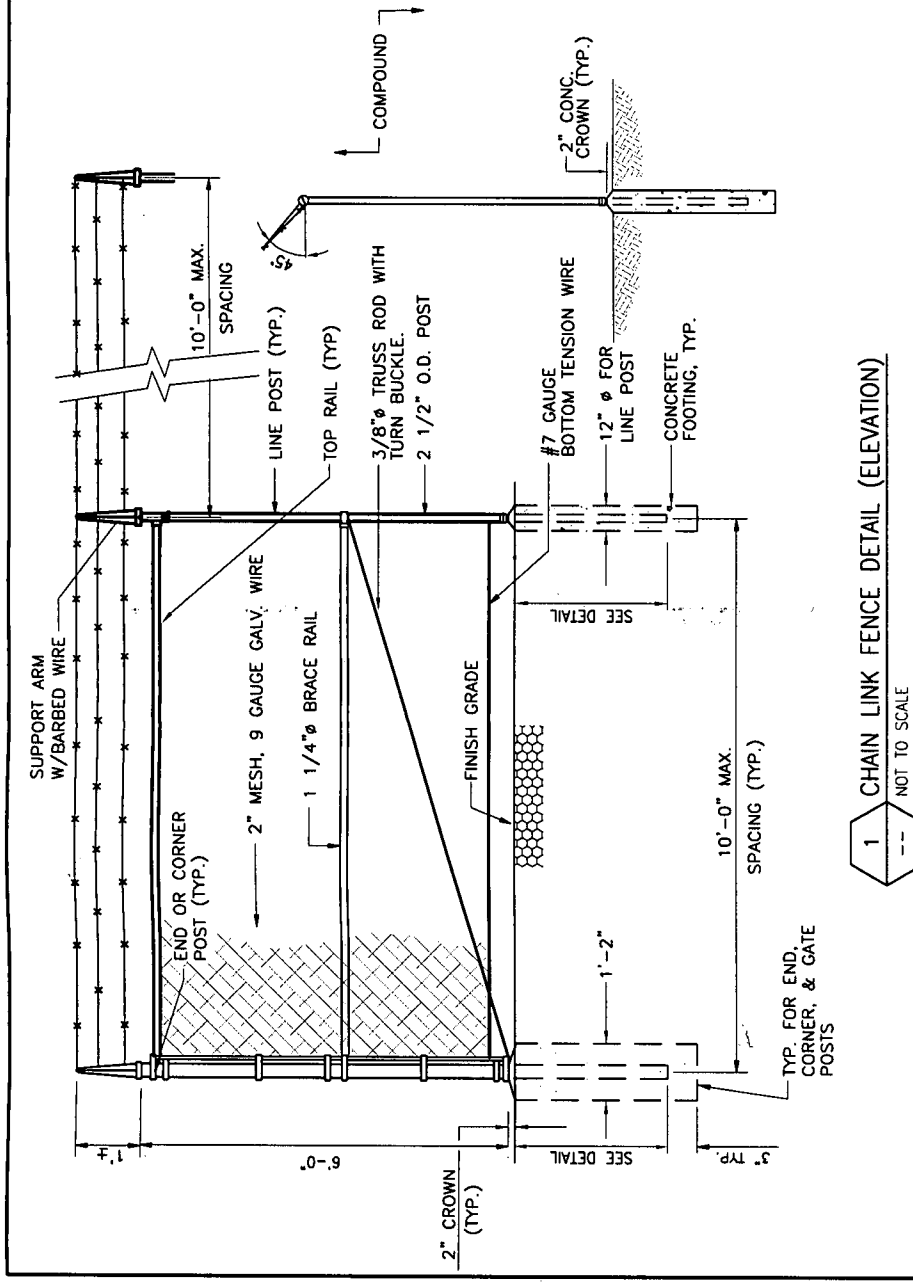


REAR VIEW - TELCO

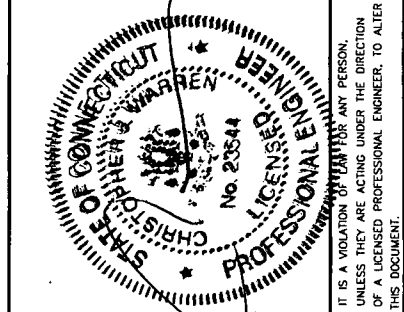
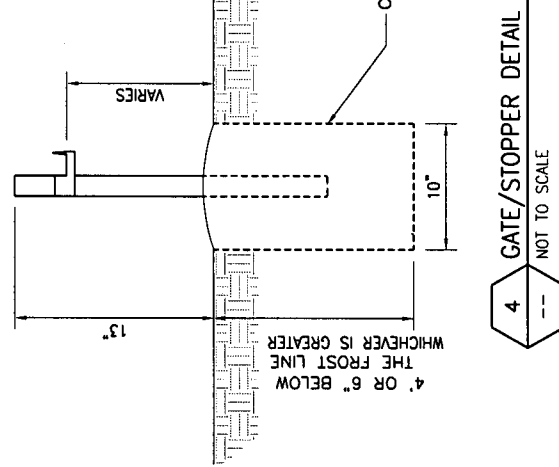
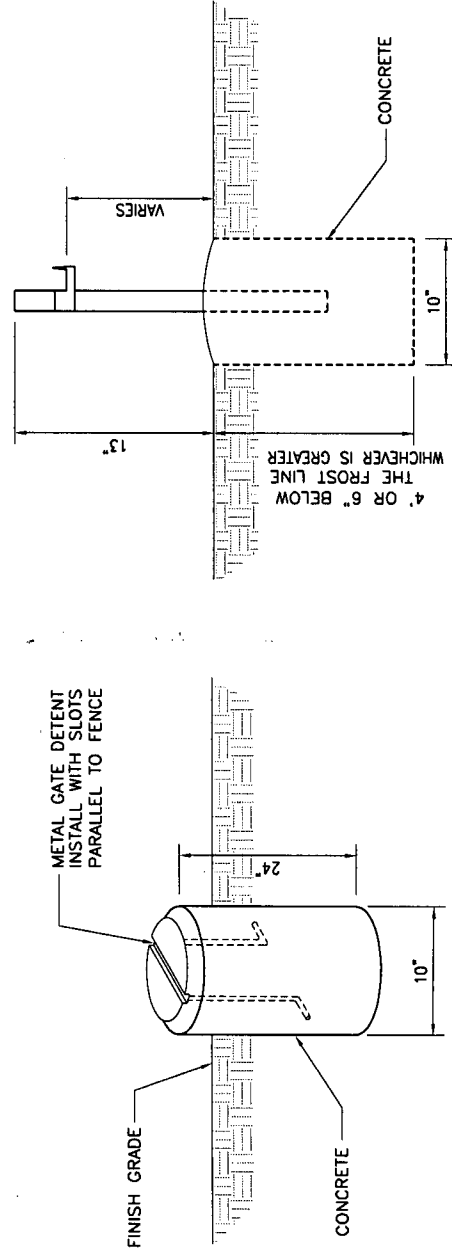
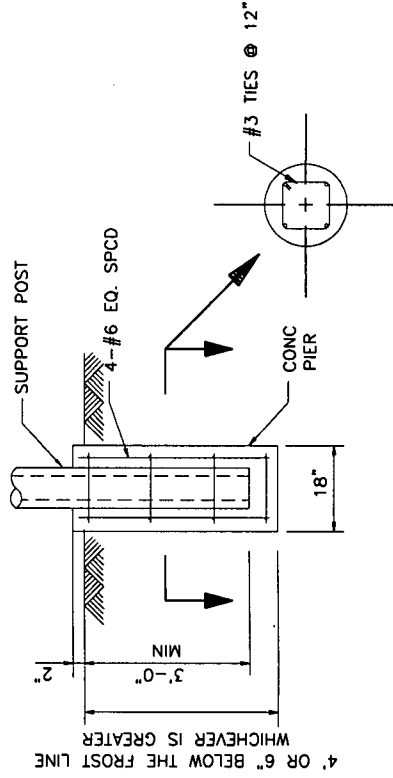
2 POWER/TELCO BACKBOARD
NOT TO SCALE



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FENCE NOTES:

1. FENCING MATERIALS SHALL BE OF GALVANIZED STEEL.
2. POST, BRACES AND GATE FRAMES SHALL BE SCHEDULE 40 (STANDARD WEIGHT) PIPE. SIZES SPECIFIED ARE NOMINAL DIAMETER.
3. DOUBLE SWING GATE SHALL BE PROVIDED WITH TUBULAR PLUNGER BAR, 1 LOCK KEEPER, 1 LOCK KEEPER GUIDE, 2 LATCH FORKS, 2 FORK CATCHES, 1 CATCH FOR PLUNGER BAR, AND 2 GATE STOPS LOCATED AS DIRECTED BY THE OWNER.
4. POSTS, CAPS AND OTHER NECESSARY FENCE FITTINGS SHALL BE AS MANUFACTURED BY THE FENCE MANUFACTURER OR EQUAL. HINGES SHALL BE OF GALVANIZED STEEL.
5. POSTS SHALL BE SPACED EQUIDISTANT BUT NOT MORE THAN 10' O.C.
6. BOTTOM OF FENCE SHALL BE NO MORE THAN 3" ABOVE GRADE AT ANY SECTION.



NO.	DATE	REVISED PER ATTORNEY COMMENTS	BY	CHK APP'D
2	03/15/07	REVISED PER ATTORNEY COMMENTS	AUD	JSS
1	02/12/07	REVISED PER ATTORNEY COMMENTS	AUD	JSS
0	10/31/06	ISSUED FOR REVIEW	DAN	S/B JSS
		REVISIONS		

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MAHWAH, NJ 07495

REDDING
186 BLACK ROCK TURNPIKE
REDDING, CT 06896

FENCE DETAILS	
CT54XC768	
DATE: 10/31/06	

REV
2

