

RESOLUTION NO. 04-01-07

A RESOLUTION OF THE TOWN COMMISSION OF THE TOWN OF LAKE PARK, FLORIDA, APPROVING A SITE PLAN FOR THE CONSTRUCTION OF A 150 FOOT REPLACEMENT TELECOMMUNICATIONS TOWER AND APPURTENANT BUILDING, SUBJECT TO CONDITIONS OF APPROVAL, TO BE LOCATED ON 570 SQUARE FEET OF GROUND SPACE ON PROPERTY OWNED BY THE TOWN OF LAKE PARK AND LOCATED AT 640 OLD DIXIE HIGHWAY ON THE TOWN'S PUBLIC WORKS HEADQUARTERS SITE; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, Nextel South Corp (the Applicant) has filed an application for a site plan (the Application) which would authorize the construction of a 150' telecommunications tower and appurtenant building located on 570 square feet of property located 640 Old Dixie Highway in the Town of Lake park and on property owned by the Town of Lake Park, Florida; and

WHEREAS, the Applicant proposes to construct a 150' high telecommunications tower and an appurtenant one story building to house equipment necessary to operate the tower, which building is approximately 570 square feet; and

WHEREAS, the Lake Park Planning and Zoning Commission has reviewed the Application and has made its recommendation to the Town Commission; and

WHEREAS, the Town Commission has considered the evidence presented to it by the Town Staff, the Owner and other interested parties and members of the public, regarding the Application's consistency with the Town's Comprehensive Plan, and whether it meets the Town's Land Development Regulations, and

WHEREAS, the Town Commission has determined that certain conditions as set forth herein, are necessary for the Application to be consistent with the Town's Comprehensive Plan and to meet the Town's Land Development Regulations; and

WHEREAS, the Owner, its successors and assigns shall be subject to the conditions contained in Section 2.

NOW THEREFORE, be it ordained by the Town Commission of the Town of Lake Park;

Section 1: The whereas clauses are incorporated herein as true and correct as the findings of fact and conclusions of law of the Town Commission.

Section 2: The Town Commission hereby approves the site plan for an office/warehouse facility including, but not limited to, the submitted architectural elevations for the subject property and engineering design, subject to the following conditions:

- 1) The Applicant will provide for 180 feet of hedging interspersed with nine (9) palm or shade trees from the Town's approved planting list to be placed along the 10th Street fencing as noted on the Site Plan.
- 2) Within 90 days of the effective date of this Resolution, the Owner shall submit revised development plans to include the items listed as conditions. Said development plans shall be approved administratively by staff as long as: (1) all conditions are included on the development plans to the satisfaction of the Community Development Director, and (2) any exterior building modification(s) is architecturally consistent with the approved buildings. Should any of the aforesaid not be adequately satisfied, the revised development plans shall be reviewed and approved by the Town Commission by way of an amendment to the site plan. No building or land clearing permits shall be issued until revised plans have been approved.
- 3) The tower and appurtenant building shall be constructed in compliance with the following exhibits on file with the Town's Community Development Department or authorized revisions as noted in sections 4. & 5. below:
 - a. Site Plan & Architectural Elevations, Landscape Plan referenced as Exhibit C (Engineering Drawings) sheets "T01; C01-C11; L01; E01-E09", dated 10-17-2006, prepared by CHA, who is the Architect, and landscape architect of record for the Project, Inc , received and dated by the Department of Community Development on 12-29-06.
 - b. Exhibits D & E dated 10-17-2006 prepared by CHA., received and dated by the Department of Community Development on 12-29-06.
- 4) Any revisions to the site plan, submitted as part of the Application, including, but not limited to, the location of the proposed improvements or additional, revised, or deleted materials, or structures, shall be submitted to the Community Development Department and shall be subject to its review and approval.
- 5) This site plan shall comply with the regulations as set forth in Section **67-42 Expiration of land development approvals.**


Section 3: This Resolution shall become effective upon adoption.

The foregoing Resolution was offered by Vice-Mayor Daly, who moved its adoption. The motion was seconded by Commissioner Balius, and upon being put to a roll call vote, the vote was as follows:

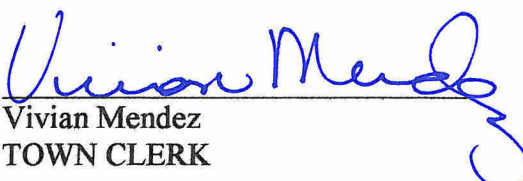
	AYE	NAY
MAYOR PAUL W. CASTRO	<u>X</u>	___
VICE-MAYOR ED DALY	<u>X</u>	___
COMMISSIONER CHUCK BALIUS	<u>X</u>	___
COMMISSIONER JEFF CAREY	<u>X</u>	___
COMMISSIONER PATRICIA OSTERMAN	<u>Absent</u>	___

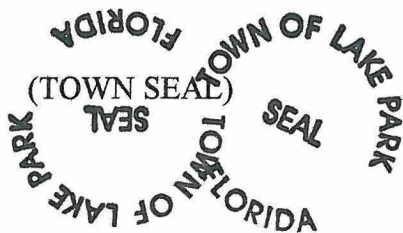
The Town Commission thereupon declared the foregoing Resolution NO. 04-01-07 duly passed and adopted this 3 day of January, 2007.

TOWN OF LAKE PARK, FLORIDA

BY: 
PAUL W. CASTRO
MAYOR

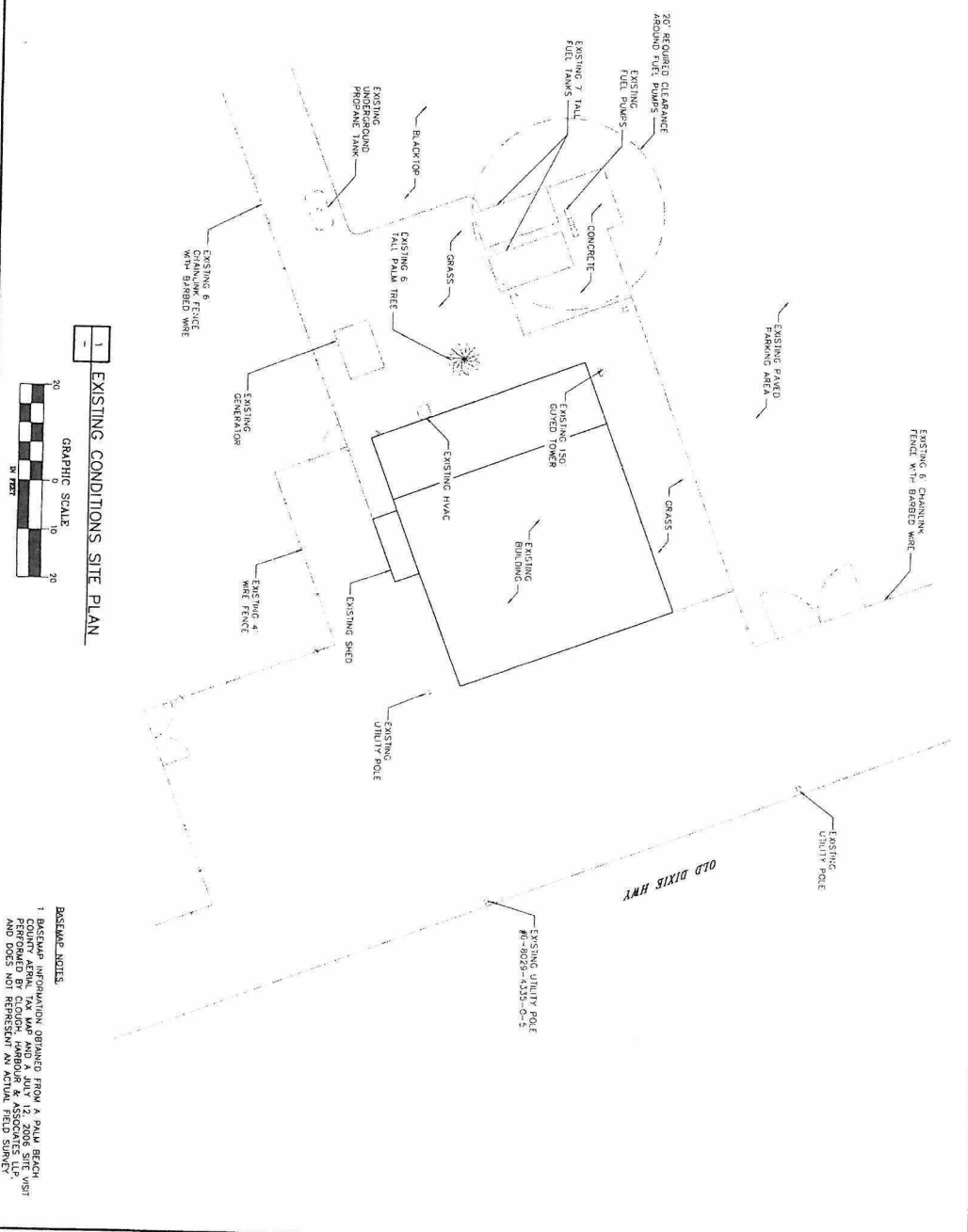
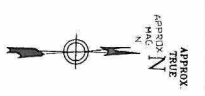
ATTEST:


Vivian Mendez
TOWN CLERK

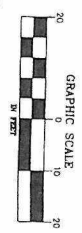


Approved as to form and legal sufficiency:

BY: 
THOMAS J. BAIRD
TOWN ATTORNEY



1 EXISTING CONDITIONS SITE PLAN



LEGEND NOTES
 1. BASEMAP INFORMATION OBTAINED FROM A PALM BEACH COUNTY AERIAL PHOTOGRAPH DATED JULY 12, 2006. SITE VISIT PERFORMED BY CONSULTANT AND FIELD SURVEYOR. THIS PLAN AND DOES NOT REPRESENT AN ACTUAL FIELD SURVEY.

PREPARED FOR:
Sprint
 Together with Nextel
 6700 N. ANDREWS AVENUE / 1500
 FT. LAUDERDALE, FL 33309
 PHONE: (352) 343-8101

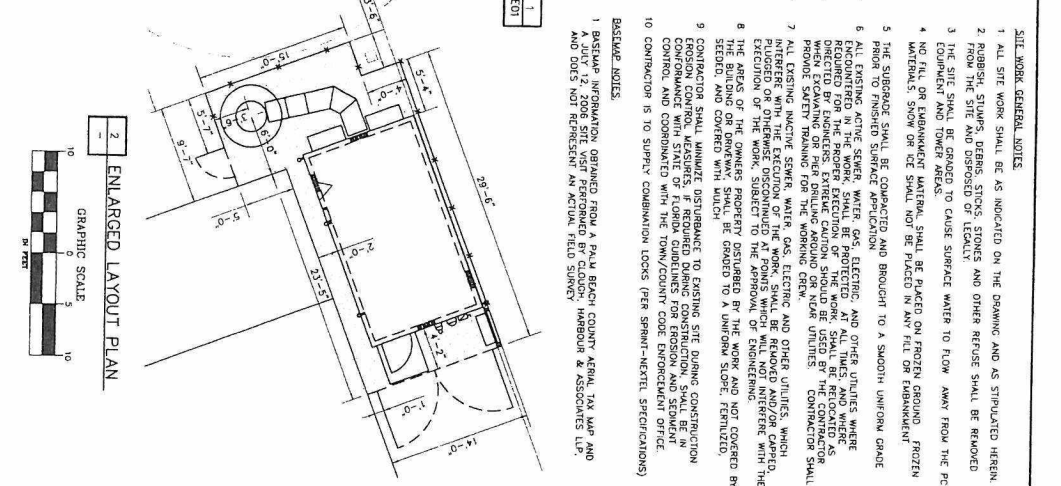
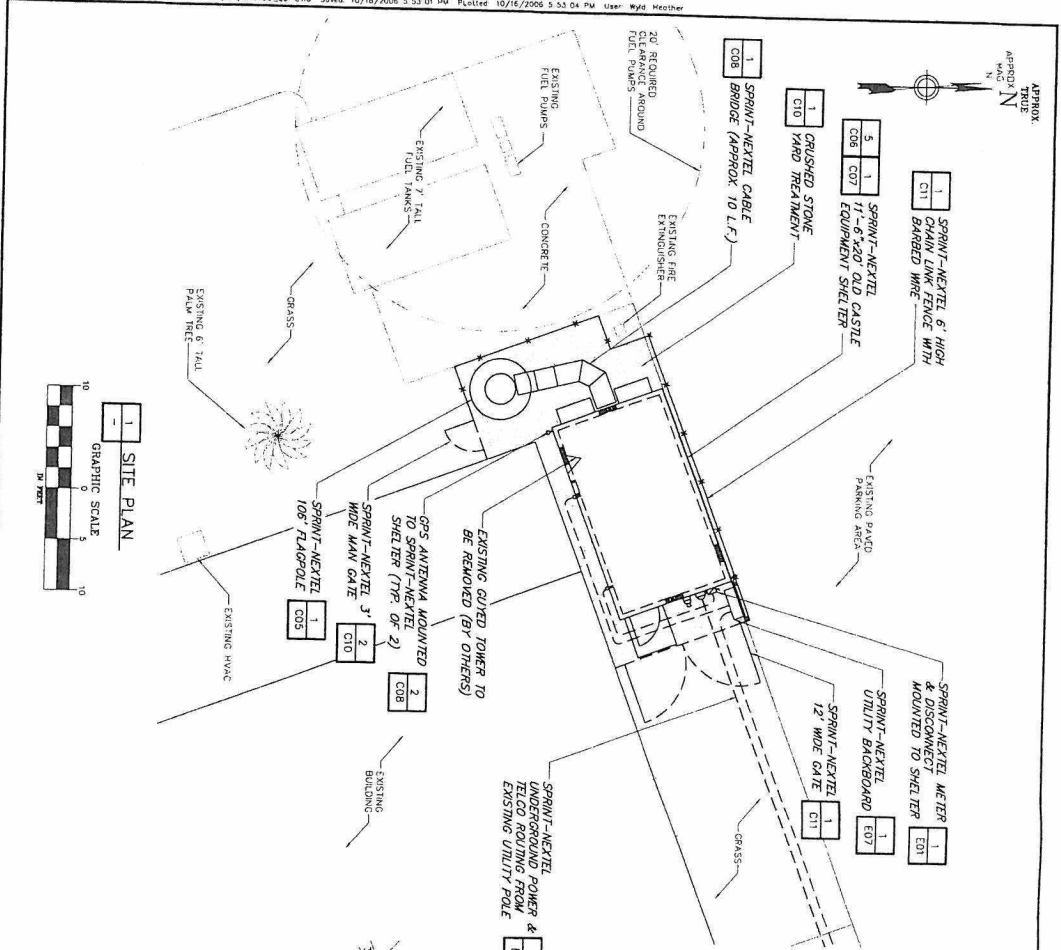
Prepared by:
CHA
 CONSULTING AND ASSOCIATES, LLC
 1400 - 20th - 10th
 1400 - 20th - 10th
 1400 - 20th - 10th
 Certificate of Authorization #8074

NO.	DATE	DESCRIPTION
1	10/17/06	ISSUED FOR PERMIT
2	10/17/06	ISSUED FOR PERMIT
3	10/17/06	ISSUED FOR PERMIT
4	10/17/06	ISSUED FOR PERMIT
5	10/17/06	ISSUED FOR PERMIT
6	10/17/06	ISSUED FOR PERMIT
7	10/17/06	ISSUED FOR PERMIT
8	10/17/06	ISSUED FOR PERMIT
9	10/17/06	ISSUED FOR PERMIT
10	10/17/06	ISSUED FOR PERMIT

10/17/06
 John P. Sotnick
 Professional Engineer #2723
 I am a duly licensed Professional Engineer in the State of Florida, and I hereby certify that I am the author of the design and content of the drawings herein.

SITE NO: FL3545C
 SITE NAME: LAKE PARK PUBLIC WORKS
 SITE ADDRESS: 650 OLD DIXIE HIGHWAY
 LAKE PARK, FL 33403
 PALM BEACH COUNTY

SHEET TITLE: EXISTING CONDITIONS SITE PLAN
 SHEET NUMBER: C01



SPRINT-NEXTEL

1001 N. ANDREWS AVENUE #500
 FT. LAUDERDALE, FL 33309
 PHONE: (954) 543-5101

TOPIRTE, WITH NORTON

6702 N. ANDREWS AVENUE #500
 FT. LAUDERDALE, FL 33309
 PHONE: (954) 543-5101

PREPARED FOR:

CHWA

CHWA ENGINEERING & CONSULTANTS, L.P.
 1406 - 2008 - 1001
 1406 - 2008 - 1001
 1406 - 2008 - 1001

PREPARED BY:

John P. Sobush
 P.E. Professional Engineer #27723
 10/17/06

17LAKE PARK PUBLIC WORKS
 650 OLD DIXIE HIGHWAY
 LAKE PARK, FL
 33403
 PALM BEACH COUNTY

SHEET TITLE:
 SITE PLAN &
 GENERAL NOTES

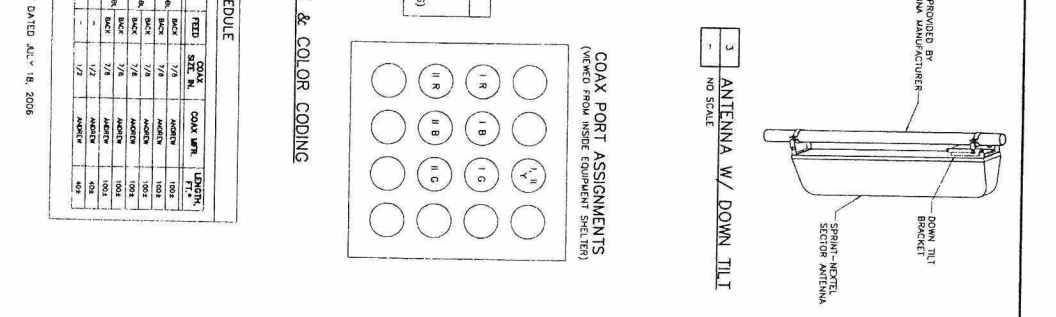
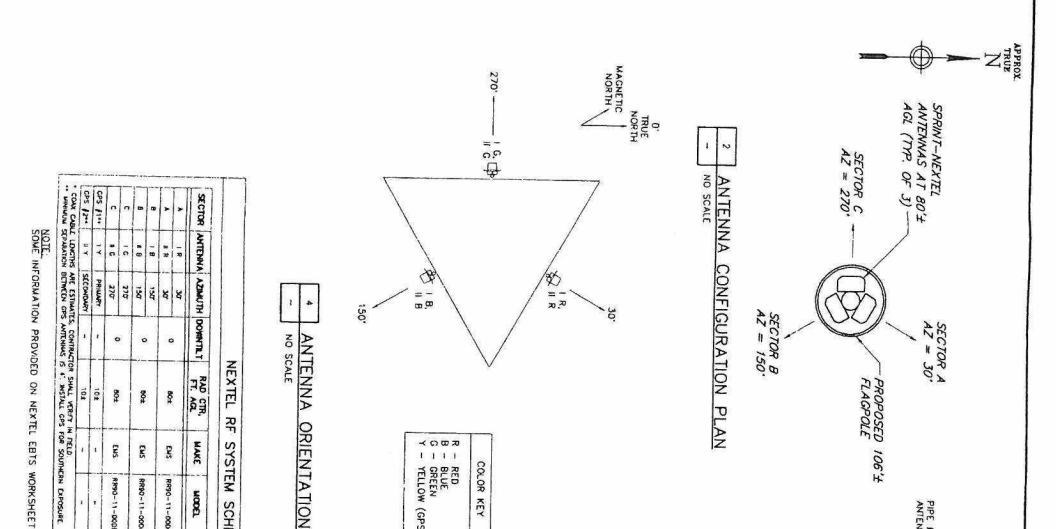
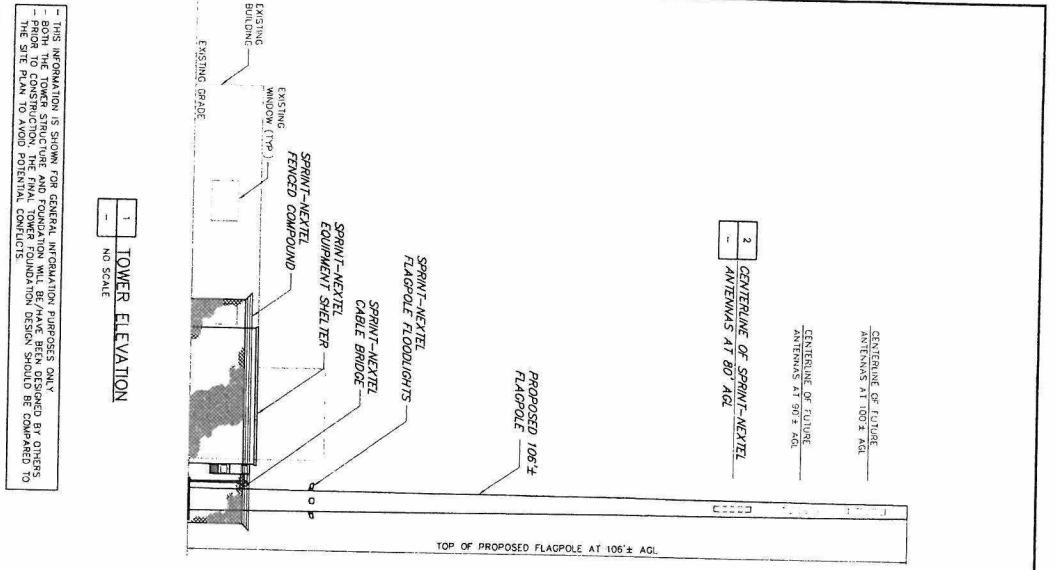
SHEET NUMBER:
C04

SITE WORK GENERAL NOTES:

- ALL SITE WORK SHALL BE AS INDICATED ON THE DRAWING AND AS STIPULATED HEREIN.
- RUBBISH, STUMPS, DEBRIS, STICKS, STONES AND OTHER REFUSE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF LEGALLY.
- THE SITE SHALL BE GRADED TO CAUSE SURFACE WATER TO FLOW AWAY FROM THE PDS EQUIPMENT AND TOWER AREAS.
- 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.
- THE SUBGRADE SHALL BE COMPACTED AND BROUGHT TO A SMOOTH UNIFORM GRADE PRIOR TO FINISHED SURFACE APPLICATION.
- ALL EXISTING ACTIVE SEWER, WATER, GAS, ELECTRIC, AND OTHER UTILITIES WHERE LOCATED SHALL BE PROTECTED AT ALL TIMES AND WHERE NECESSARY SHALL BE REPAIRED BY THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER EXECUTION OF THE WORK. EXTREME CAUTION SHOULD BE USED BY THE CONTRACTOR TO AVOID DAMAGE TO EXISTING UTILITIES. THE CONTRACTOR SHALL PROVIDE SAFETY TRAINING FOR THE WORKING CREW FOR ALL UTILITIES. THE CONTRACTOR SHALL INTERFERE WITH THE EXECUTION OF THE WORK, SHALL BE REMOVED AND/OR CAPTED IMMEDIATELY UPON NOTICE BY THE ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND MAINTENANCE OF ALL UTILITIES WHICH WILL NOT INTERFERE WITH THE EXECUTION OF THE WORK. SUBJECT TO THE CONTRACTING AGENCIES APPROVAL.
- THE AREAS OF THE OWNERS PROPERTY DISTURBED BY THE CONSTRUCTION OF THE BUILDING OR DRIVEWAY SHALL BE GRADDED TO A UNIFORM SLOPE, FERTILIZED, SEED, AND COVERED WITH MULCH.
- CONTRACTOR SHALL MAINTAIN DISTURBANCE TO EXISTING SITE DURING CONSTRUCTION. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF PALM BEACH COUNTY ORDINANCES, THE STATE OF FLORIDA CONSTRUCTION CODE, AND THE FEDERAL CONSTRUCTION CODE ENFORCEMENT OFFICE.
- CONTRACTOR IS TO SUPPLY COMBINATION LOCKS (PER SPRINT-NEXTEL SPECIFICATIONS).

BASIS/REMARKS:

- BASIS/REMARKS INFORMATION OBTAINED FROM A PALM BEACH COUNTY AERIAL TM MAP AND A JULY 12, 2006 SITE VISIT PERFORMED BY CLOUD, HARRISON & ASSOCIATES, L.P. AND DOES NOT REPRESENT AN ACTUAL FIELD SURVEY.



4 ANTENNA ORIENTATION & COLOR CODING
NO SCALE

NEXTEL RF SYSTEM SCHEDULE

SECTION	ANTENNA	AMPLIFIER	DOWN TILT	FEED	WAVE	MODEL	FEED	SIZE	COAX	COAX	LENGTH
			FT. DEG.					IN.	IN.	IN.	FT.
A	11 B	30°	0	602	602	8995-11-0006	BACK	7/8	MOORE	1003	1003
B	11 B	150°	0	602	602	8995-11-0006	BACK	7/8	MOORE	1003	1003
C	11 B	270°	0	602	602	8995-11-0006	BACK	7/8	MOORE	1003	1003
E	11 B	270°	0	602	602	8995-11-0006	BACK	7/8	MOORE	1003	1003
<p>NOTE: COAX CABLE LENGTHS ARE ESTIMATED. CONTRACTOR SHALL VERIFY IN FIELD. * MINIMUM STATION ELEVATION 80'± AGL. ANTENNAS AT 80'± AGL. 5/8" DIA. FOR SOUNDER PROOF.</p>											

COAX PORT ASSIGNMENTS
(VIEWED FROM INSIDE EQUIPMENT SHELTER)

1 R	1 B	1 C	1 Y
11 R	11 B	11 C	11 Y

COLOR KEY

- R - RED
- B - BLUE
- Y - YELLOW
- 11 - TELECOM (GPS)

PREPARED FOR: **Sprint**

Together with NEXTEL
 6700 N. ANDREWS AVENUE #500
 PLANO, TX 75074
 PHONE: (972) 343-8101

PREPARED BY: **CHA**

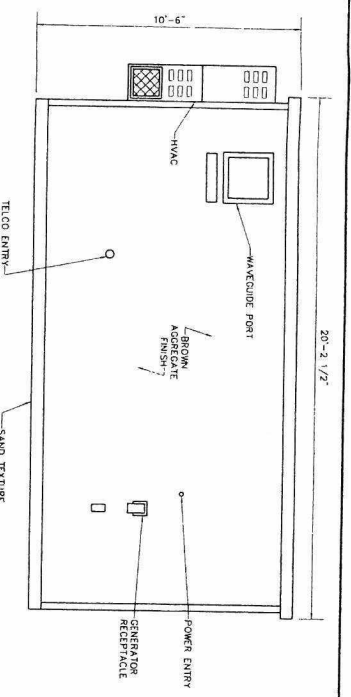
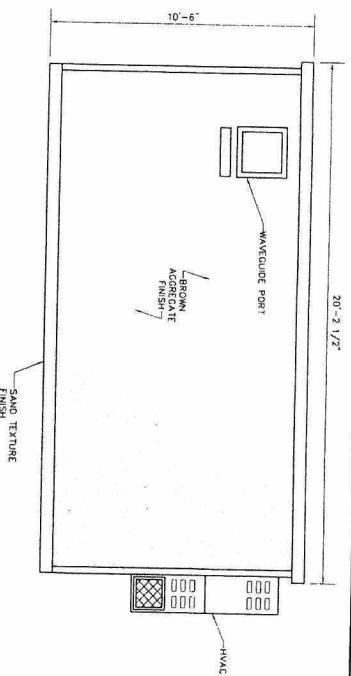
14005 - 2004 - 1801
 Certificate of Authorization #0074

DATE: 10/17/06
 PROJECT: T/PAKE PARK PUBLIC WORKS
 SHEET NUMBER: **C05**

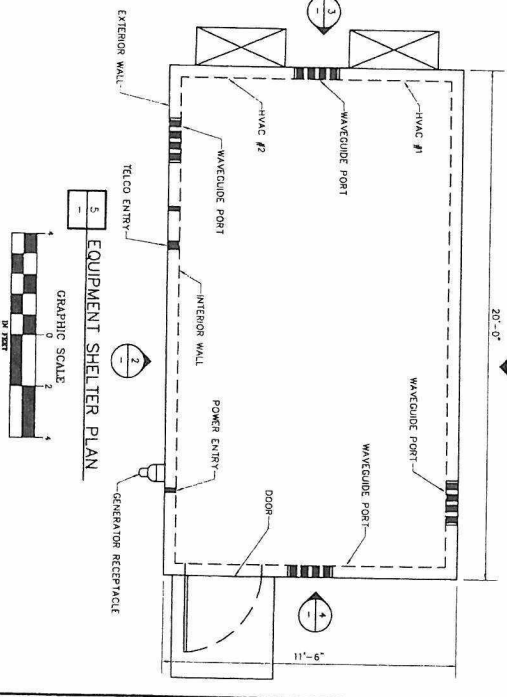
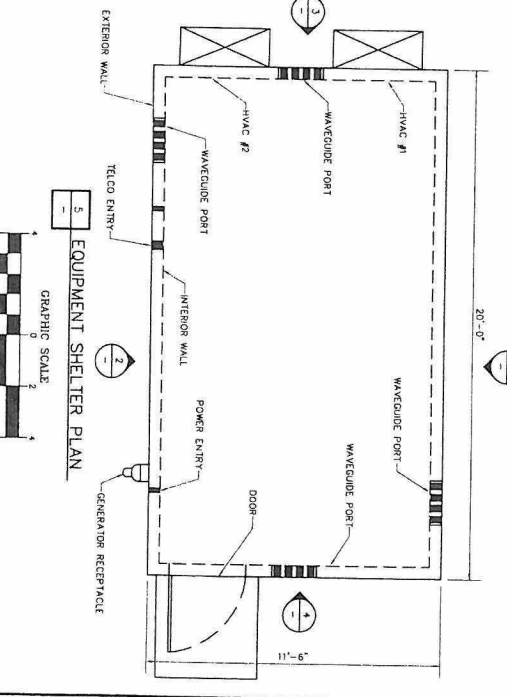
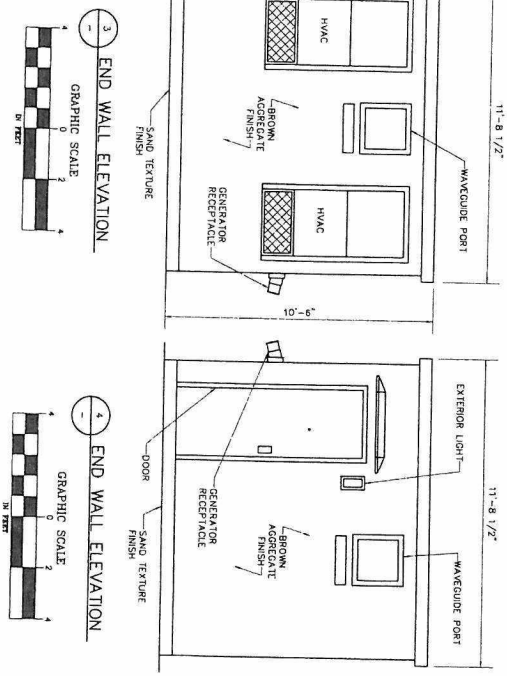
John P. Siskien, P.E.
 Professional Engineer #27723
 10/17/06

SITE NO: FLS3545C
 SITE NAME: T/PAKE PARK PUBLIC WORKS
 SITE ADDRESS: 650 OLD DADE HIGHWAY
 LAKE PARK, FL 33403
 PALM BEACH COUNTY

SHEET TITLE: TOWER ELEVATION & DETAILS



NOTE: EQUIPMENT SHELTER DESIGN BY OTHERS - INFORMATION ON THIS SHEET PROVIDED FOR INFORMATION ONLY.



PREPARED FOR:
Sprint
Together with NEXTEL
6700 N. ANDERSON AVENUE #200
DALLAS, TEXAS 75248
PHONE: (817) 343-8100

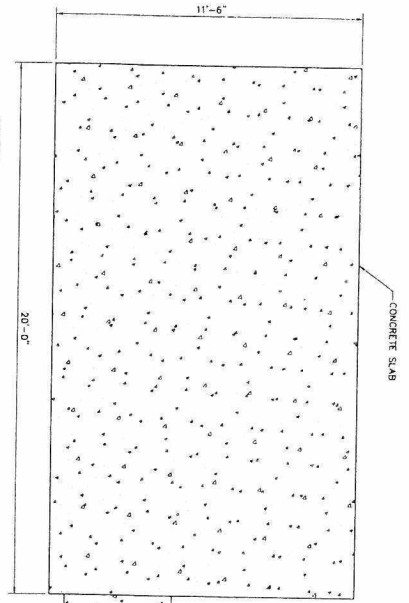
CHA
1004 - 2004 - 1001
Certificate of Authorization #0074

NO.	DATE	DESCRIPTION
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2	10/17/06	REVISED SET DOCUMENTS
3	10/17/06	REVISED SET DOCUMENTS
4	10/17/06	REVISED SET DOCUMENTS
5	10/17/06	REVISED SET DOCUMENTS
6	10/17/06	REVISED SET DOCUMENTS
7	10/17/06	REVISED SET DOCUMENTS
8	10/17/06	REVISED SET DOCUMENTS
9	10/17/06	REVISED SET DOCUMENTS
10	10/17/06	REVISED SET DOCUMENTS

10/17/06
John R. Siskin, P.E.
Professional Engineer #22723
10/17/06
CHA
1004 - 2004 - 1001
Certificate of Authorization #0074

SITE ID: FL354549C
SITE NAME: 1/LAKE PARK PUBLIC WORKS
SITE ADDRESS: 650 OLD DIXIE HIGHWAY
LAKE PARK, FL 33403
PALM BEACH COUNTY

SHEET TITLE: EQUIPMENT SHELTER DETAILS
SHEET NUMBER: C06

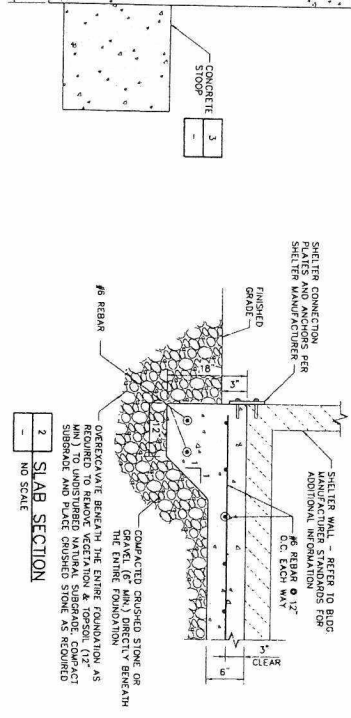


- NOTES**
- 1 TOP OF FOUNDATION ELEVATION TOLERANCE 1/4" IN 10'-0" & 1/2" MAX OVERALL
 - 2 CONCRETE TO BE 4000 P.S.I.
 - 3 SHELTER WEIGHT ASSUMED TO BE 48,000 POUNDS.
 - 4 EQUIPMENT WEIGHT ASSUMED TO BE 10,000 POUNDS.
 - 5 SHELTER SHALL BE CONCRETE ON GRAVEL.
 - 6 TOP OF SLOPE BEARING CAPACITY ASSUMED TO BE 1000 psf.
 - 7 TOP OF STOOP SHALL BE AT THE SAME ELEVATION AS THE SHELTER'S FINISHED FLOOR.

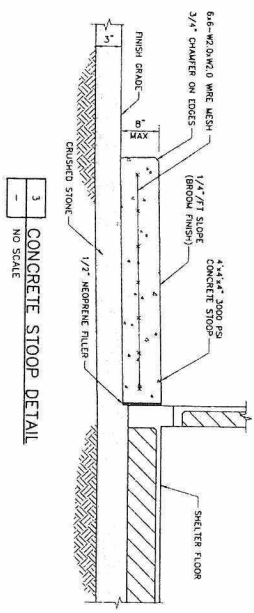
1 - CONCRETE SLAB FOUNDATION PLAN
NO SCALE

FOUNDATION DESIGN IS BASED UPON A TYPICAL, Q.D. CASTLE SHELTER WITH PLAN DIMENSIONS AS SHOWN. CONTRACTOR SHALL VERIFY ACTUAL SHELTER MANUFACTURER AND CARRIER AND FULLY LOSE WEIGHT WITH SHELTER MANUFACTURER AND CARRIER PRIOR TO CONSTRUCTION. THIS DESIGN IS BASED UPON AN EXISTING SLOPE BEARING CAPACITY OF 1000 psf.

REFERS TO BUILDING MANUFACTURERS STANDARDS (OR EQUAL) FOR ADDITIONAL EQUIPMENT SHELTER INFORMATION.



2 - CONCRETE STOOP SECTION
NO SCALE



3 - CONCRETE STOOP DETAIL
NO SCALE

PREPARED FOR:

Together with NEXTEL
6700 LAUDERDALE BLVD
LAUDERDALE, FL 33309
PHONE (954) 343-8101

PREPARED BY:

CHA
CORPORATION & ASSOCIATES LLC
19600 VINEYARD, SUITE 1000, PALM BEACH, FL 33410
TEL: (561) 850-0000
WWW.CHACORPORATION.COM

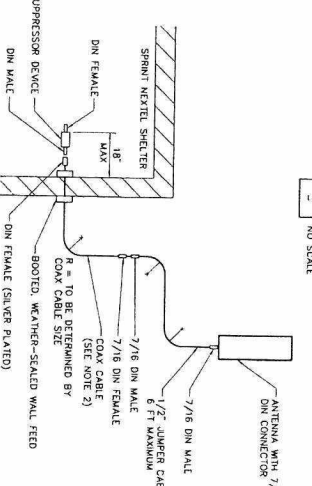
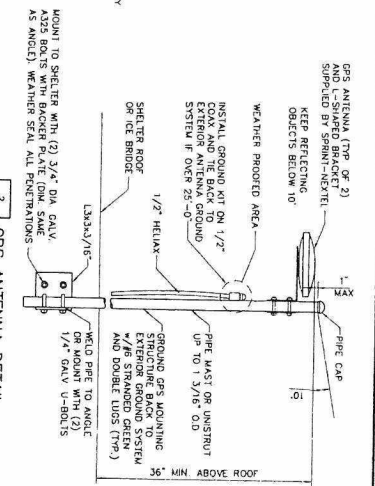
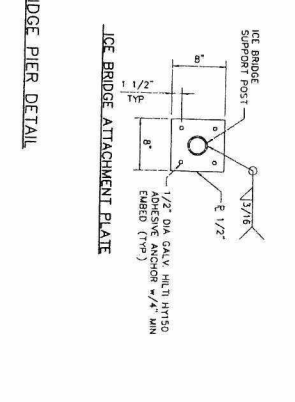
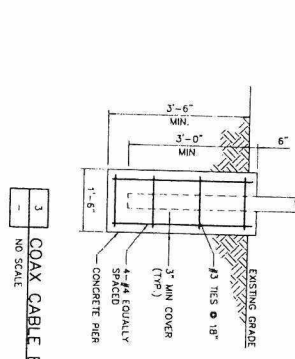
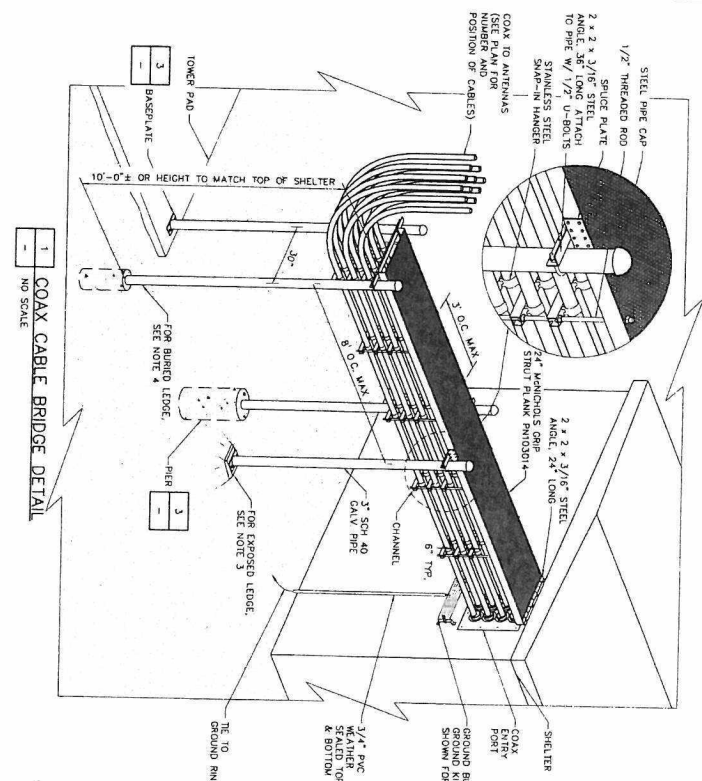
Certificate of Authorization #2074

NO.	DATE	DESCRIPTION	BY	CHKD.
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2	10/17/06	ISSUE FOR PERMITS	J.P.	J.P.
3	10/17/06	ISSUE FOR PERMITS	J.P.	J.P.
4	10/17/06	ISSUE FOR PERMITS	J.P.	J.P.
5	10/17/06	ISSUE FOR PERMITS	J.P.	J.P.
6	10/17/06	ISSUE FOR PERMITS	J.P.	J.P.
7	10/17/06	ISSUE FOR PERMITS	J.P.	J.P.
8	10/17/06	ISSUE FOR PERMITS	J.P.	J.P.
9	10/17/06	ISSUE FOR PERMITS	J.P.	J.P.
10	10/17/06	ISSUE FOR PERMITS	J.P.	J.P.

10/17/06
John P. Robinson #22723
P.E. & S.E.
117 S. A. SHERIDAN ST. SUITE 100
LAUDERDALE, FL 33309
TEL: (954) 343-8101
WWW.CHACORPORATION.COM

SHEET NO. 31E 06
FL35349C
T/LAKE PARK PUBLIC WORKS
SHELTER
650 OLD DIXIE HIGHWAY
LAKE PARK, FL
33403
PALM BEACH COUNTY

SHEET TITLE
STRUCTURAL DETAILS
SHEET NUMBER
C07



- COAX CABLE BRIDGE NOTES**
- 1 POSITION BRIDGE ASSEMBLY SO THAT WAVEGROUPE ENTER SHELTER AT WAVEGROUPE PORT CENTERLINE
 - 2 COAX CABLE SIZE SHALL BE DETERMINED BY ENGINEER REFER TO RF SCHEDULE FOR CABLE SIZE MANUFACTURER AND CONDUIT SCHEDULE
 - 3 COLOR-CODE COAXIAL CABLE
 - 4 FOR EXPOSED LEADS, PROVIDE GROUT EXCLUDING 5/8\"/>

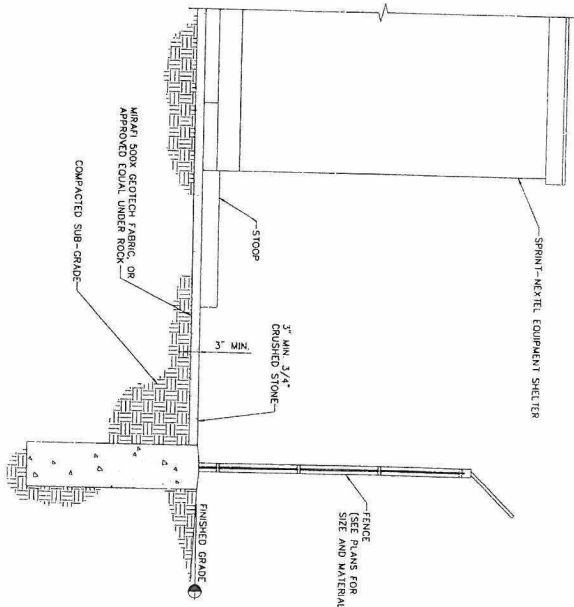
<p>PREPARED FOR: Sprint</p> <p>Together with NEXTEL 8700 N ANDREWS AVENUE #300 DALLAS, TX 75248 PHONE: (954) 343-8101</p>		<p>PROJECT NO: 1400 - 2008 - 1001 DATE: 10/17/06 Certificate of Authorization #0072</p> <p>CHA Civil & Mechanical Engineers, Inc. 1400 N. W. 10th Street, Suite 100 Fort Lauderdale, FL 33309 Phone: (754) 467-1100 Fax: (754) 467-1101 www.cha-engineers.com</p>	
<p>PREPARED BY: SHEET NUMBER C08</p>		<p>DATE: 10/17/06 SHEET NO. OF SHEETS: 1 OF 1 SHEET TITLE: STRUCTURAL DETAILS</p>	
<p>SHEET TITLE: STRUCTURAL DETAILS</p>		<p>PROJECT NO: 1400 - 2008 - 1001 DATE: 10/17/06</p>	
<p>PROJECT NO: 1400 - 2008 - 1001 DATE: 10/17/06</p>		<p>PROJECT NO: 1400 - 2008 - 1001 DATE: 10/17/06</p>	

CHA
Civil & Mechanical Engineers, Inc.
1400 N. W. 10th Street, Suite 100
Fort Lauderdale, FL 33309
Phone: (754) 467-1100
Fax: (754) 467-1101
www.cha-engineers.com

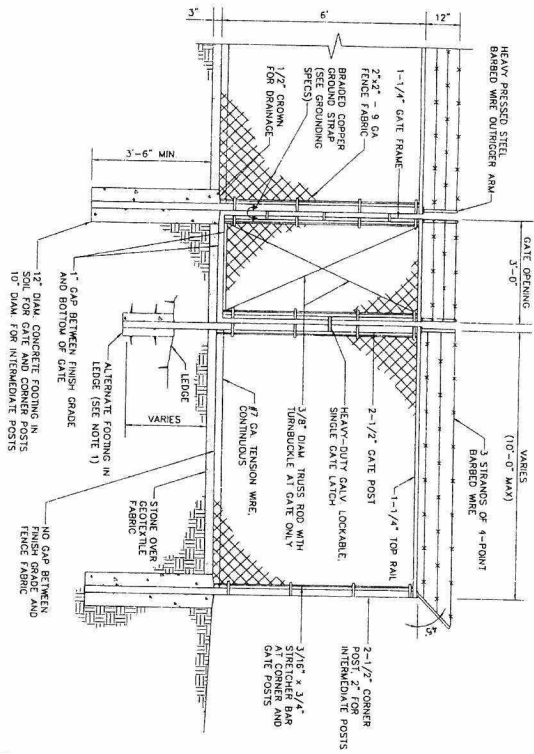
John R. Soudsky
Professional Engineer #27723
10/17/06
DATE: 10/17/06

SITE NO: FL3545C
SITE NAME: 1/ LAKE PARK PUBLIC WORKS
SITE ADDRESS: 650 OLD Dixie Highway
LAKE PARK, FL 33403
PALM BEACH COUNTY

SHEET TITLE: STRUCTURAL DETAILS
SHEET NUMBER: C08



1 SITE COMPOUND CROSS-SECTION
NO SCALE



2 CHAINLINK FENCE AND MAN GATE
NO SCALE

- ### FENCE NOTES
1. ALTERNATE FOOTINGS FOR ALL FENCE POSTS IN LEGS IF EDGE IS ENCOUNTERED AT GRADE, OR AT A DEPTH SMALLER THAN 2'-6". CORE SHALL BE 8" DIA. HOLE 18" INTO THE EDGE CENTER OF LEGS. LEGS SHALL BE 2" DIA. HOLE 18" INTO THE EDGE CENTER BELOW FINISH GRADE. COAT BARRICADE SECTION ABOVE LEGS IS 1/2" DIA. AND BACKFILL WITH WELL-DRAINING GRAVEL OF 1/2" WITH SOIL.
 2. ATTACH GATE WITH 1-1/2" PAIR OF NON-LIFT-OFF TYPE MALLEABLE IRON OR FORGING PIN-TYPE HINDS ASSEMBLIES SHALL ALLOW FOR 180° OF GATE TRAVEL.

PREPARED FOR:
Sprint
TOGETHER WITH NEXTEL
8720 N. ANDREWS AVENUE #300
PALM BEACH, FL 33409
PHONE: (561) 593-8101

CHM
CHAMBERLAND & ASSOCIATES, L.P.
14008 - 2008 - 1001
CERTIFICATE OF AUTHORIZATION #0074
PREPARED BY:

NO.	DATE	DESCRIPTION
0	10/17/06	ISSUED FOR PERMIT
1	10/17/06	ISSUED FOR PERMIT
2	10/17/06	ISSUED FOR PERMIT
3	10/17/06	ISSUED FOR PERMIT
4	10/17/06	ISSUED FOR PERMIT
5	10/17/06	ISSUED FOR PERMIT
6	10/17/06	ISSUED FOR PERMIT
7	10/17/06	ISSUED FOR PERMIT
8	10/17/06	ISSUED FOR PERMIT
9	10/17/06	ISSUED FOR PERMIT
10	10/17/06	ISSUED FOR PERMIT

10/17/06
John P. Salsich
Professional Engineer #27723
113 S. WASHINGTON ST. 4TH FLOOR
WEST PALM BEACH, FL 33411
TEL: 561.832.1000 FAX: 561.832.1001
WWW.CHM.COM

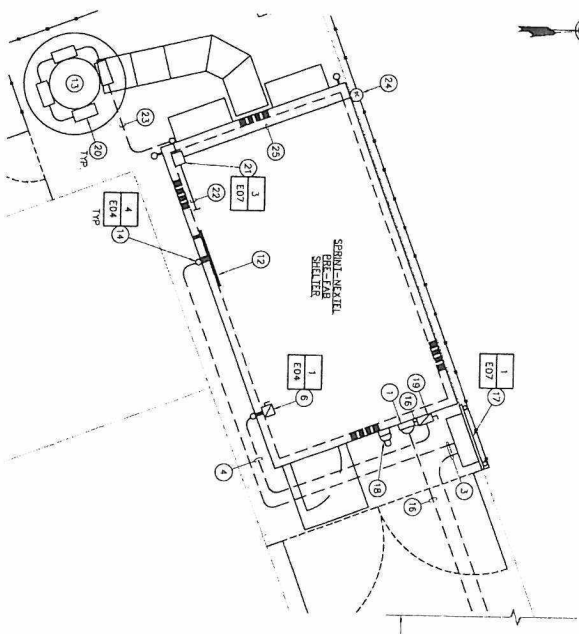
SITE NO: FL3545C
SITE NAME: 1/LAKE PARK PULC WORKS
SITE ADDRESS: 650 OLD DIXIE HIGHWAY
LAKE PARK, FL 33403
PALM BEACH COUNTY

SHEET TITLE: SITE DETAILS
SHEET NUMBER: C10

10/17/06

APPROVED
DATE: 10/17/06
BY: [Signature]

DRAWINGS WERE COMPLETED BEFORE THE UTILITY COMPANIES COULD CONFIRM THE SOURCE OF UNDERGROUND UTILITIES. DESIGN IS BASED UPON SITE OBSERVATIONS ONLY. VERIFICATION OF FINAL UTILITY DEPTH, LOCATION, AND BELL SOUTH MOBILITY AS-BUILT DRAWINGS WILL BE REQUIRED PRIOR TO CONSTRUCTION. ANY EXCAVATION WITHIN THE PROXIMITY OF UNDERGROUND UTILITIES SHALL BE PERFORMED BY HAND.



- GENERAL NOTES:**
- THIS SITE INCLUDES EXISTING UNDERGROUND ELECTRICAL, TELEPHONE AND CABLES. DESIGN IS BASED UPON SITE OBSERVATIONS ONLY. VERIFICATION OF FINAL UTILITY DEPTH, LOCATION, AND BELL SOUTH MOBILITY AS-BUILT DRAWINGS WILL BE REQUIRED PRIOR TO CONSTRUCTION. ANY EXCAVATION WITHIN THE PROXIMITY OF UNDERGROUND UTILITIES SHALL BE PERFORMED BY HAND.
 - ALL GROUNDING SHOULD BE IN COMPLIANCE WITH NEC ARTICLE 250.
 - FINAL UTILITY DESIGN TO BE CONFIRMED PRIOR TO CONSTRUCTION.

CODED DRAWING NOTES

- PROVIDE 200A WETTER SOCKET METERS BY UTILITY. GROUND PER MET AND UTILITY SPECIFICATIONS.
- EXISTING UTILITY POLE #1-8023-4335-0-5 W/POWER & TELCO SOURCES. PROVIDE SERVICE LATERALS AS INDICATED.
- 2" ZTC W/PULL HOPE, 200 LB TENSILE STR.
- 3/4" C W/3" #3/0 + #6.
- 1" C W/2" #12 + #6 MANUFACTURER GROUNDING CONNECTIONS INSIDE SHELTER BY UTILITY MANUFACTURER.
- MANUAL TRANSFER SWITCH BY SHELTER MANUFACTURER.
- LINE SIDE TERMINATIONS BY THIS CONTRACT.
- #2 SOLID THINDED ERM BURIED EXTERIOR GROUND RING.
- PROPOSED ICE BRIDGE BOND EACH SECTION.
- INTERIOR MAIN GROUND BAR BY SHELTER MANUFACTURER.
- CABLES AND TERMINATIONS BY THIS CONTRACT.
- EXTERIOR GROUND BAR BY SHELTER MANUFACTURER.
- CABLES AND TERMINATIONS BY THIS CONTRACT.
- TOP AND BOTTOM FLANGE (ELECTRICAL).
- INTERIOR TELEPHONE BOARD BY SHELTER MANUFACTURER.
- TERMINATIONS BY OTHERS.
- PROPOSED FLANGE.
- TELEPHONE SHELTER STUB-UP.
- AC UNITS BY SHELTER MANUFACTURER. GROUNDING CONNECTION BY THIS CONTRACT.
- 2" ZTC W/3" #3/0.
- PROVIDE NEW BACKBOARD W/NEKA 3R ENCLOSURE PER UTILITY SPECIFICATIONS.
- GENERATOR RECEPTACLE.
- 200A/2P FUSED SERVICE DISCONNECT SWITCH W/1/2" 200A FUSES.
- LITHONIA 175W FLOODLIGHT MODEL #V12 175W HPQ 120 MA LAMPING. MOUNT ON PHOTOCELL. PROVIDE 10' OF W/12" 1/2" X 1/2" ANGLE IRON WITH EQUIPMENT MANUFACTURER.
- PROVIDE LIGHTING CONTROL PANEL WITH A 3-WAY SELECTOR SWITCH FOR HAND-OFF-AUTO OPERATION, RELAY, PHOTOCELL, AND FLOODLIGHT. PROVIDE 10' OF W/12" 1/2" X 1/2" ANGLE IRON ENOUGH FOR RELAY, SELECTOR SW AND PHOTOCELL.
- PROVIDE 200A/2P CIRCUIT BREAKER IN BREAKER PANEL AND CONTROL PANEL #12 + #12 FROM PANEL TO LIGHTING FLOODLIGHT LOCATIONS.
- 1" C W/12" #12 + #12 UNDERGROUND FROM SHELTER TO PHOTOCELL. FOR FLANGE FLOODLIGHTS MOUNT ON SHELTER EXTERIOR WALL AT APPROXIMATELY 10' OF ABOVE FINISHED GRADE. INSTALL (FC) TO ENSURE PROPER OPERATION OF PHOTOCELL.
- 3/4" C W/3" #12 + #12 TO PHOTOCELL.

LEGEND

- UTILITY POLE
- ⊗ SERVICE DISCONNECT SWITCH
- ⊕ GENERATOR RECEPTACLE
- ⊖ METER SOCKET BY OTHERS
- ⊙ METER BY UTILITY COMPANY
- ⊖ EXPOSED CONDUIT
- ⊖ UNDERGROUND ELECTRICAL/TELEPHONE
- ⊖ CODED DRAWING NOTE
- ⊖ DETAIL NUMBER
- ⊖ DRAWING NUMBER
- ⊖ FLOODLIGHT LITHONIA MODEL #V12 175W HPQ 120 W/ 120' BR ISDAL

ABBREVIATIONS

- AWG AMERICAN WIRE GAUGE
- BWC BARE COPPER WIRE
- CSA CANADIAN STANDARDS ASSOCIATION
- CSA COAX SOLATED GROUND BAR EXTERNAL
- DWG DRAWING
- DMC DRAWING GROUND RING
- MGR MASTER EQUALIZATION GROUND BAR
- NEC NATIONAL ELECTRICAL CODE
- NSI NATIONAL SAFETY COUNCIL
- RSS RIGID GALVANIZED STEEL
- W/ WITH

PREPARED FOR:
Sprint

Together with M&TELL
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PALM BEACH, FL 33409
PHONE: (561) 343-8101

DESIGNED BY:
CHA
CUSTOM HANDBOOK & ASSOCIATED LP
1408 - 2004 - 1801
CERTIFICATE OF AUTHORIZATION #074

NO.	DATE	DESCRIPTION
0	10/17/06	ISSUED FOR PERMIT
1	10/17/06	ISSUED FOR PERMIT
2	10/17/06	ISSUED FOR PERMIT
3	10/17/06	ISSUED FOR PERMIT
4	10/17/06	ISSUED FOR PERMIT
5	10/17/06	ISSUED FOR PERMIT
6	10/17/06	ISSUED FOR PERMIT
7	10/17/06	ISSUED FOR PERMIT
8	10/17/06	ISSUED FOR PERMIT
9	10/17/06	ISSUED FOR PERMIT

John P. Sabin
10/17/06
FL PROFESSIONAL ENGINEER #2723
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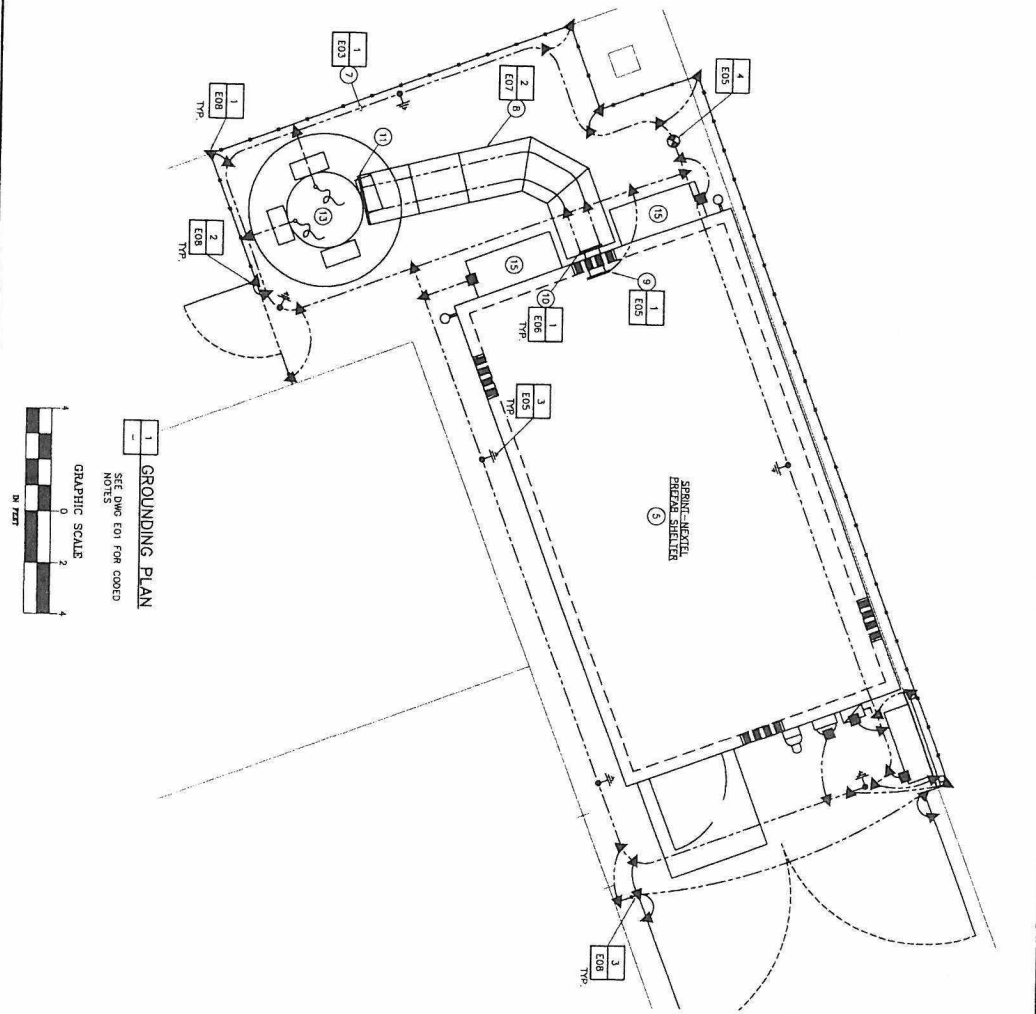
SHEET NO.
F.L.3545C
SITE NAME
LAKE PARK PLEIC WORKS
SITE ADDRESS
850 OLD DUNE HIGHWAY
LAKE PARK, FL
33403
PALM BEACH COUNTY

SHEET TITLE
POWER & TELEPHONE
PLAN
SHEET NUMBER
E01



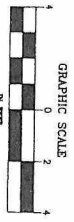
POWER & TELEPHONE PLAN

10/17/06



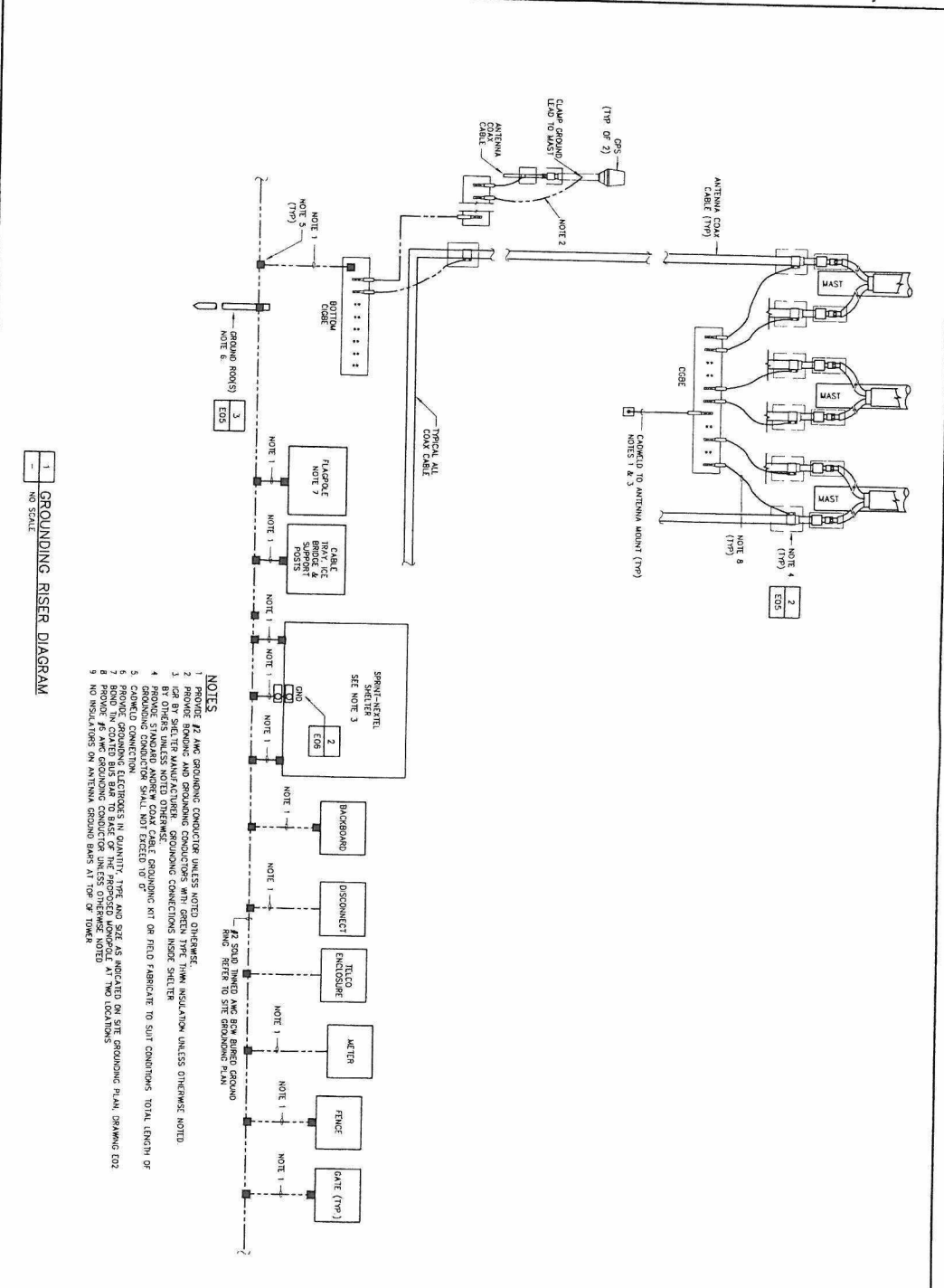
- LEGEND**
- GROUNDING WIRE, #2 TINNED SOLID COPPER U.N.O.
 - ↑ GROUND ROD
 - ⊕ GROUND ROD w/ INSPECTION WELL
 - ⊖ COMPRESSION LUG CONNECTION
 - ⊗ EXOTHERMIC WELDED LUG CONNECTION
 - ⊘ MISC - GROUND BAR
 - ⊙ CIGAR - GROUND BAR
 - ⊚ METER SOCKET BY COMPANY
 - ⊛ METER BY UTILITY COMPANY
 - ⊜ SERVICE DISCONNECT SWITCH
 - ⊝ CODED DRAWING NOT
 - ⊞ DETAIL NUMBER
 - ⊟ DRAWING(S) NUMBER

GROUNDING PLAN
SEE DWG E01 FOR CODED NOTES



<p>PREPARED FOR: Sprint Together with NEXTEL 6700 N. ANDERSON AVENUE DALLAS, TX 75248 PHONE: (972) 343-8100</p>	<p>PREPARED BY: CHA CROWN HILL ASSOCIATES 14004 - 2008 - 1801 14004 - 2008 - 1801 CERTIFICATE OF AUTHORIZATION #0774</p>	<p>DATE: 10/17/06 PROJECT: 13545C SHEET: E02</p>	<p>DATE: 10/17/06 PROJECT: 13545C SHEET: E02</p>
<p>FL3545C SITE NAME: 7/LAKE PARK PUBLIC WORKS 650 OLD DIXIE HIGHWAY LAKE PARK, FL PALM BEACH COUNTY</p>			
<p>GROUNDING PLAN</p>			
<p>E02</p>			

10/17/06

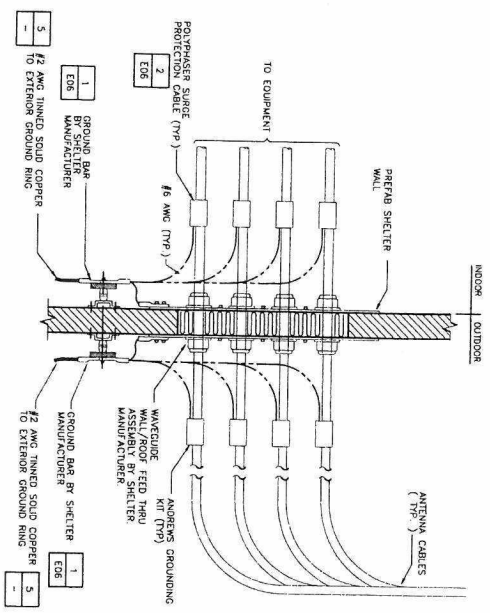


- NOTES**
1. PROVIDE #2 AWG GROUNDING CONDUCTOR UNLESS NOTED OTHERWISE.
 2. PROVIDE BONDING AND GROUNDING CONDUCTORS WITH GREEN TYPE THIN INSULATION UNLESS OTHERWISE NOTED.
 3. PROVIDE #2 AWG GROUNDING CONDUCTOR WITH GREEN TYPE THIN INSULATION UNLESS OTHERWISE NOTED.
 4. PROVIDE STANDARD ANTI-CORROSION CONNECTIONS INSIDE SHELTER.
 5. PROVIDE STANDARD ANTI-CORROSION CONNECTIONS AT FIELD FABRICATE TO SUIT CONDITIONS. TOTAL LENGTH OF CONDUCTOR SHALL NOT EXCEED 10'.
 6. PROVIDE GROUNDING ELECTRODES IN QUANTITY, TYPE AND SIZE AS INDICATED ON SITE GROUNDING PLAN. DRAWING E02.
 7. BRONZE COATED BUS BAR TO BASE OF THE PROPOSED FLAPPOLE AT TWO LOCATIONS.
 8. PROVIDE #2 AWG GROUNDING CONDUCTOR UNLESS OTHERWISE NOTED.
 9. NO INSULATORS ON ANTENNA GROUND BARS AT TOP OF 15' MAX.

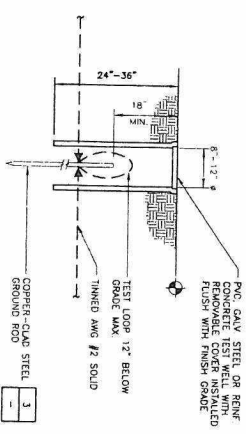
1 GROUNDING RISER DIAGRAM
NO SCALE

<p>PREPARED FOR:</p> <p>Together with NEXTEL 6700 N. ANDREWS AVENUE #500 Ft. Lauderdale, FL 33309 Phone: (561) 563-8101</p>		<p>PREPARED BY:</p> <p>CHAMBERLAIN & ASSOCIATES LLP 14000 W. BOULEVARD #100 FORT LAUDERDALE, FL 33309 Phone: (561) 563-8101</p>	
<p>CERTIFICATE OF AUTHORIZATION #0074</p>		<p>DATE: 10/17/06 BY: John P. Sabinetti Professional Engineer #27223</p>	
<p>SITE ID: FL3545C SITE NAME: LAKE PARK PUBLIC WORKS SITE ADDRESS: 650 OLD DIXIE HIGHWAY LAKE PARK, FL 33403 PALM BEACH COUNTY</p>		<p>SHEET TITLE: GROUNDING DIAGRAM SHEET NUMBER: E03</p>	

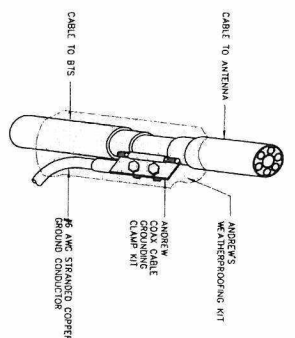
10/16/06



1 CABLES INSTALLATION WITH WALL/ROOF FEED THRU ASSEMBLY
NO SCALE

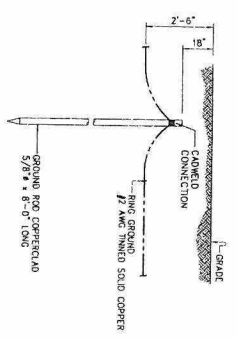


4 GROUND SYSTEM TESTING WELL
NO SCALE

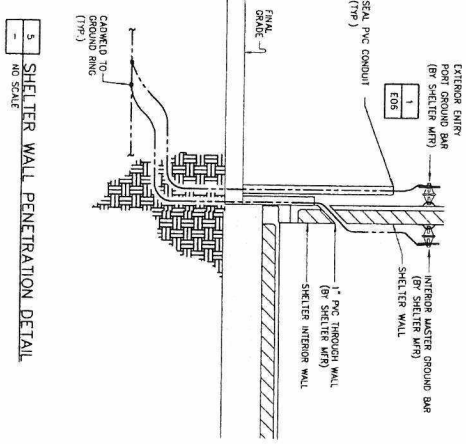


2 COAX CABLE GROUND
NO SCALE

- NOTES:
- DO NOT INSTALL CABLE GROUND KIT AT A 90 DEGREE ANGLE TO THE CABLE
 - ALWAYS DIRECT GROUND WIRE DOWN TO GROUND BAR.
 - 2-1/4" MAY BE USED FOR GPS ANTENNA CABLES
 - 1-1/4" MAY BE USED FOR GPS ANTENNA CABLES



3 GROUND ROD
NO SCALE



5 SHELTER WALL PENETRATION DETAIL
NO SCALE

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PHONE: (817) 343-8100

PREPARED BY:
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COMMUNICATIONS AUTHORITY
14066 - 2004 - 1801
Certificate of Authorization #0074

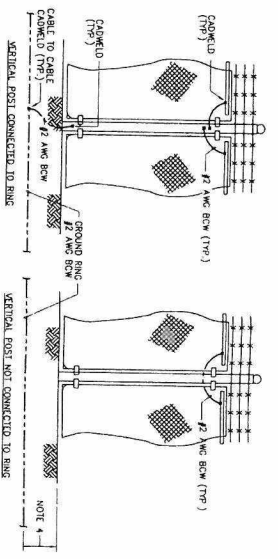
NO.	REVISION	DATE	BY	CHKD
1	ISSUED FOR PERMIT	10/17/06	J.P.S.	
2	REVISED FOR PERMIT	10/17/06	J.P.S.	
3	REVISED FOR PERMIT	10/17/06	J.P.S.	
4	REVISED FOR PERMIT	10/17/06	J.P.S.	
5	REVISED FOR PERMIT	10/17/06	J.P.S.	

10/17/06
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SITE NO: FL3545C
SITE NAME: LAKE PARK PUBLIC WORKS
SITE ADDRESS: 650 OLD DIXIE HIGHWAY
LAKE PARK, FL 33403
PALM BEACH COUNTY

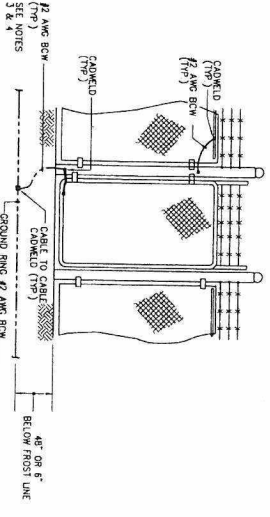
SHEET TITLE: ELECTRICAL DETAILS
SHEET NUMBER: E05

Handwritten notes: 10/17/06



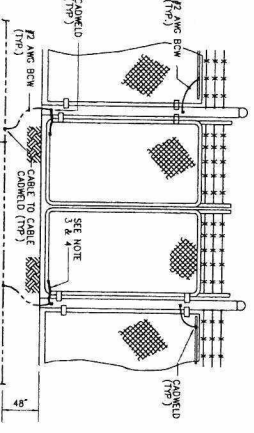
- NOTES**
1. VERTICAL POSTS SHALL BE BONDED TO THE RING AT EACH CORNER AND AT EACH GATE POST AS A MINIMUM ONE VERTICAL POST SHALL BE BONDED TO THE RING IN EVERY 100 (FOOT) STRONG POINT OF FENCE.
 2. HORIZONTAL POLES SHALL BE BONDED TO EACH OTHER AND TO EACH VERTICAL POST.
 3. POSTS SHALL BE BONDED TO EACH OTHER AND TO EACH VERTICAL POST.
 4. INSTALL GROUND RING MIN. 48" BELOW GRADE OR 6" BELOW.

1 FENCE GROUNDING
NO SCALE



- NOTES**
1. THE #2 AWG BOW FROM THE GROUND RING SHALL BE COMPLETED TO THE POST ABOVE GRADE.
 2. BOND EACH HORIZONTAL POLE/BRAKE TO EACH OTHER AND TO EACH VERTICAL POLE BONDED TO THE EXTENSION GROUND RING.
 3. GATE LAMPER SHALL BE #1/0 AWG WELDING CABLE OR FLEXIBLE COPPER BRAID BURNING TYPE B WITH STEELS ON EACH END DESIGNED FOR EXOTHERMIC WELDING.
 4. GATE LAMPER SHALL BE INSTALLED SO THAT IT WILL NOT BE SUBJECT TO DAMAGING STRAIN WHEN GATE IS FULLY OPEN IN EITHER DIRECTION.

2 FENCE GATE GROUNDING
NO SCALE



- NOTES**
1. THE #2 AWG BOW FROM THE RING GROUND SHALL BE COMPLETED TO THE POST ABOVE GRADE.
 2. BOND EACH HORIZONTAL POLE/BRAKE TO EACH OTHER AND TO EACH VERTICAL POLE BONDED TO THE EXTENSION GROUND RING.
 3. GATE LAMPER SHALL BE #1/0 AWG WELDING CABLE OR FLEXIBLE COPPER BRAID BURNING TYPE B WITH STEELS ON EACH END DESIGNED FOR EXOTHERMIC WELDING.
 4. GATE LAMPER SHALL BE INSTALLED SO THAT IT WILL NOT BE SUBJECT TO DAMAGING STRAIN WHEN GATE IS FULLY OPEN IN EITHER DIRECTION.

3 FENCE GATE GROUNDING
NO SCALE

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NO.	REVISION	DATE	BY	CHKD.
1	ISSUED FOR PERMIT	10/17/06	MS	MS
2	REVISED	10/17/06	MS	MS
3	REVISED	10/17/06	MS	MS
4	REVISED	10/17/06	MS	MS
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9	REVISED	10/17/06	MS	MS
10	REVISED	10/17/06	MS	MS

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SHEET NO.
F.L3545C
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T/LAKE PARK PUBLIC WORKS
SITE ADDRESS:
650 OLD DIME HIGHWAY
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33403
PALM BEACH COUNTY

SHEET TITLE:
ELECTRICAL DETAILS
SHEET NUMBER:
E08

