



LICENSE AGREEMENT

This LICENSE AGREEMENT ("License") is entered into by and between SprintCom, Inc., a Kansas corporation ("Licensee") and the City of League City ("City"), a municipal corporation, on the date set forth below.

Terms:

1. Definitions: In this License:

- 1.1. *Antenna Facility* means a communications facility consisting of antennae and associated cabling located on the Licensed Premises
- 1.2. *Authorized Personnel* means employees, engineers, technicians or agents of Licensee (or persons or entities under direct supervision thereof) who either: (1) carry an identification badge identifying them as employees or agents of Licensee; or (2) are employees, engineers or technicians acting on Licensee behalf.
- 1.3. *City* means the City of League City, a municipal corporation.
- 1.4. *Commencement Date* means April 15, 2019.
- 1.5. *Effective Date* (of this License) means the date that this License is fully executed.
- 1.6. *License* means this License Agreement.
- 1.7. *Licensee* means SprintCom, Inc., a Kansas corporation.
- 1.8. *Licensed Premises* means the land consisting of approximately 384 square feet upon which Licensee will maintain its equipment base station (the "Ground Space")_ and antenna structure and as further described in Exhibit A (the "Pod"), attached and incorporated to this License by reference, together with any utility easement and the space on the Water Tower being licensed to Licensee by the City.
- 1.9. *Water Tower* means the City's potable water storage tank located on the Licensed Premises.

2. Grant of License by the City:

- 2.1. The License Premises, as indicated in Exhibit A, are hereby licensed to Licensee as a site for Licensee to erect, construct, operate, maintain, repair, and replace the Antenna Facility.
- 2.2. Licensee will comply with any reasonable rules and regulations relate to the City's compliance with Federal Aviation Administration (FAA) Laws and regulations.

- 2.3. If Licensee places any item on the Licensed Premises that is not authorized under this License and does not remove such item after 30 days written notice to Licensee, then the City may remove the item without liability to Licensee for damage caused by the City's removal.
- 2.4. Licensee and its Authorized Personnel may access the Licensed Premises for maintenance, repair, replacement, and removal of the Antenna Facility at any time, subject to the following:
 - 2.4.1. The City's reasonable security requirements;
 - 2.4.2. Licensee will conduct its normal maintenance activities on the Licensed Premises during the City's normal business hours;
 - 2.4.3. Licensee will use its reasonable efforts to contact the City no less than two (2) hours prior to accessing the Licensed Premises;
 - 2.4.4. In case of emergency or unscheduled repairs, Licensee requires access outside of the City's normal business hours, Licensee will provide the City with reasonable notice under the circumstances (at least 1 hour in advance of visit, if possible), Licensee will pay the City the reasonable costs it incurs in providing such access; and
 - 2.4.5. Licensee will furnish the City with a key or the combination or any lock securing the site of Licensee's equipment, so the City may inspect Licensee's equipment at any time; provided, however, that in no event will the City, its employees, officers, or agents remove, relocate, modify, alter or otherwise tamper with Licensee's equipment.
- 2.5. All facilities Licensee provides and installs on the Licensed Premises remain the property of the Licensee and Licensee may remove the same at any time during or within 90 days after the termination of this License (the "Removal Period"). Licensee will continue to pay the City license fees until Licensee removes its property from the Licensed Premises after the Removal Period.
- 2.6. Licensee will abide by all federal, state and local rules and regulations in the operation of the Antenna Facility, including acquiring required licenses and permits.
- 2.7. The City's grant to Licensee is a non-exclusive license. The City may use the Licensed Premises or allow any other person to use such area for any purpose that does not interfere with Licensee's rights granted under this License, except the Ground Space and the exterior space on the Pod, for both of which Licensee is conveyed exclusive use by Licensor.
- 2.8. Licensee may erect and operate the Antennae Facility on the Licensed Premises. Prior to the installation and/or Material Alteration (as defined below) of the Antenna Facility, Licensee will submit plans to the City ("Licensee's Plans") for the City's prior written approval, which approval will not be unreasonably withheld, conditioned or delayed. The City will have ten (10) days following receipt of Licensee's Plans to review the same and to provide written notice to Licensee of the approval or disapproval of the same. If Licensee's Plans are not approved, the disapproval must be accompanied by specific written reasons from the City for disapproval. If the City does not notify Licensee within that ten (10) day period that Licensee's Plans have been disapproved, then Licensee's Plans will be conclusively deemed approved in all respects by the City. If the City timely objects to or disapproves of Licensee's Plans, then Licensee may resubmit Licensee's Plans which the City must approve or disapprove in writing within five (5) days following the City's receipt. If the City fails to timely respond after receipt of the amended Licensee's Plans, then Licensee's Plans will be conclusively deemed approved. The City will not be entitled to any type of administrative fees for its review or approval of such Material Alteration. For purposes of this License, a "Material

Modification” is anything NOT within the following actions: maintenance, repairs, like-kind, like for less, or similar replacements or upgrades of the Antenna Facility and modifications made within the interior of any shelters, base station equipment or leased entitlements. The City consent or approval is not required for any modifications that are not Material Modifications. If Licensee seeks to increase the number of antennae beyond the number authorized herein, it must first pay for an evaluation to be carried out by a qualified professional demonstrating that (i) each additional antenna will not interfere with the existing antennas and that (ii) the City’s Water Tower can structurally support the additional antennas. The cost of the evaluations required by this section must be paid by Licensee within thirty (30) days after receiving written notice of the costs. The parties acknowledge and agree that pursuant to the Previous Agreement (as defined in Section 35 hereof), the initial installation of the Antenna Facility has already occurred and thus the City’s prior consent is not needed.

- 2.9. Licensee shall be required to obtain the City’s prior written approval for all Material Modification to the Licensed Premises, which approval will not be unreasonably withheld, conditioned or delayed. All modifications or improvements to the Licensed Premises for Licensee’s benefit shall be at Licensee’s expense and such modifications or improvements shall be maintained in a good state of repair. Licensee’s Antenna Facility shall, at all times, be painted, at Licensee’s expense, the same color as the Water Tower.
- 2.10. If Licensee interferes with the City’s use of the Water Tower, Licensee agrees to cease all such actions that interfere with the City’s use thereof no later than five (5) days after receiving written notice of the interference from the City; provided, however, Licensee may conduct intermittent testing of Antenna Facility in order to resolve such interference.
- 2.11. Upon the City’s written request, Licensee shall remove or relocate all or part of the Antenna Facility from the License Premises as may be reasonably necessary for the City to repair, rehabilitate, replace, relocate, or maintain the Water Tower. Notwithstanding anything to the contrary contained herein, the parties agree and acknowledge that, due to cost considerations, Licensee will not be required to remove all or part of the Antenna Facility if it can reasonably screen or partially shut down on a temporary basis its Antenna Facility (in whole or in part) while the City repairs, rehabilitates or maintains all or part of the Water Tower. The parties will reasonably coordinate (and cause its contractors to do the same) with each other in order to facilitate same. The City will schedule regular, non-emergency maintenance, repair, or repainting as far in advance as is reasonably possible and give Licensee at least 180 days advance written notice prior to the maintenance, repair, or repainting to allow Licensee to temporarily remove or relocate one or more of its antennae and equipment. The City will use reasonable efforts to enable Licensee to install and operate a temporary site on the License Premises which is suitable as a temporary site for Licensee until the antenna(e) and equipment affected by the temporary relocation can be reinstalled at the original location. The City will cause all work on the Water Tower that requires Licensee to remove or move all or part of its Antenna Facility to be completed in a reasonably prompt manner in order to minimize to the extent reasonably possible the time during which Licensee’s Antenna Facility is not located and operating on the Water Tower. In the case of emergency repairs by the City, the City shall provide Licensee with as much notice as possible so that Licensee will remove its equipment at Licensee’s own expense so that the emergency repairs may be completed.
- 2.12. If the City removes the Water Tower, the City will schedule the removal as far in advance as possible and give Licensee at least 180 days advance written notice to remove its antennae and equipment. The City will use reasonable efforts to allow Licensee to relocate the antennae and equipment to other City property under a new license, with the same terms and conditions as set forth herein, if the parties agree the new location is a suitable site. Upon Licensee’s removal of its antennae and equipment from the Water Tower being removed, this License will terminate.

- 2.13. Licensee shall provide mounting details for the antennae array, cabling, and all appurtenances and equipment to be attached to the Licensed Premises. Such mounting details shall be subject to the reasonable approval of the City.
- 2.14. Licensee shall provide the City with an inspection report certifying the structural integrity of the antenna and appurtenances as mounted and noting any deficiencies of the Water Tower's structural integrity or paint system related to the antenna, cabling or, appurtenances mounted on the Water Tower after the two-year anniversary of the Commencement Date and i) every five years thereafter in the event no Material Modifications have been performed on the Water Tower since the last such inspection and ii) every two years otherwise.
- 2.15. The City agrees that future maintenance contracts with the City for painting the Water Tower shall include a bid item for work-around on the antennae, cabling and appurtenances mounted on the Water Tower according to the specifications Licensee shall supply. Licensee shall reimburse the City for the portion of the Water Tower maintenance project costs attributable to the antennae, cabling, and appurtenances mounted on the Water Tower. Alternatively, Licensee may, at its sole option, remove its equipment during the maintenance project and reinstall it after project completion.
3. **License Term:** The term of this License shall be for five (5) years commencing on the Commencement Date. This License will automatically renew for two (2) successive five (5) year terms as long as Licensee remains in full compliance with all provisions of this License unless (a) Licensee gives the City written notice of its intent not to renew at least thirty (30) days prior to the commencement of the next renewal term, or (b) this License is terminated in accordance with the terms of this License.
4. **License Fee:**
- 4.1. Licensee will pay the City a monthly license fee of **Two Thousand Six Hundred and 00/100 Dollars (\$2,600.00)** for the use of the Licensed Premises, which will be due on the 15th of each month in advance. The monthly license fee will automatically increase by three percent (3%), effective on each anniversary date of the Commencement Date.
- 4.2. Licensee will send or tender all license fee payments to the City at the City's address specified in this License or to any other place as the City may designate upon advance written notice to Licensee at least 30 days prior to the date that the next monthly license fee is due.
- 4.3. After termination of the License and expiration of the Removal Period (and provided Licensee does not continue to operate the Licensed Premises (which is governed by Section 4.4 hereof)), Licensee will continue to pay to the City a license fee until all of Licensee's personal property is removed and the Water Tower returned to the condition as existing as of the Commencement Date. The above level and quality of restoration shall be confirmed by third party tank inspection selected by City at the expense of Licensee. Normal wear and tear and damage as a result of casualty is excepted.
- 4.4. If Licensee continues to operate the Licensed Premises after the expiration of the term, the license fee shall be adjusted to equal to one hundred twenty-five percent (125%) of the previous license fee amount.
5. **Utilities:** Licensee will, at its own expense, contract with a third-party provider for any electric, telephone, telecommunications, or similar utility services, and will be responsible for the installation of any meters or associated equipment needed to serve its Antenna Facility on the Licensed Premises. Licensee will obtain the City's prior approval in writing of the location of any meters, lines, or associated electrical or utility equipment to be located on the Licensed Premises that is not shown on Exhibit A. By

approving the location of any third-party meters, lines or associated equipment, the City grants an easement, at no additional cost to Licensee across the Licensed Premises for that purpose.

6. **Insurance:** Licensee shall maintain Comprehensive General Liability insurance coverage of \$1,000,000 per occurrence throughout the entire term of this License. Licensee shall also maintain the following insurance: (i) Worker's Compensation coverage with statutory limits for the State of Texas, including Employers Liability coverage of \$500,000 per accident; (ii) Automobile Liability coverage of \$1,000,000 Combined Single Limit. In the event the City also maintains insurance, all policies of both parties must contain a waiver of subrogation against the other party. Comprehensive General Liability and Automobile Liability policies must include the City as Additional Insured. Licensee shall provide City Certificates of Insurance evidencing these insurance requirements prior to the start of work.

7. **Termination without Default:**

- 7.1. Licensee may terminate this License for any reason at any time by giving sixty (60) days written notice to the City.
- 7.2. The City may terminate this License at any time by giving Licensee at least 180 days prior written notice of termination, if the City decides to abandon, remove, relocate, or discontinue use the Water Tower, or replaces the Water Tower with another Water Tower. If the existing Water Tower is destroyed by fire, tornado, hurricane, flood, wind, or other natural causes, and the City decides not to replace the Water Tower, this License will terminate on the date of the destruction and the City may retain any license fees paid prior to the date of destruction. If the City chooses to replace the Water Tower, the City will notify Licensee of the estimated date of replacement. If Licensee does not terminate this License by giving notice to the City prior to the date the Water Tower is replaced, this License will remain in effect, but the next License Fee payments will be abated to account for the time the Water Tower was not available for use by Licensee.
- 7.3. Any provision of this License that imposes an obligation upon Licensee that extends beyond the termination of this License, survives the termination of this License.

8. **Termination for Default**

- 8.1. Either party may terminate this License as provided for in this section if the other party fails to comply with a provision of this License. The party claiming a default by the other party will give written notice specifying the default and what must be done to correct the default. If the party receiving the notice fails to correct the default within 30 days of receiving the notice of default, the other party may terminate this License by providing notice of termination to the other party.
 - 8.2. If a claimed default cannot be reasonably cured within 30 days, the other party will not be deemed to be in default if the other party promptly attempts to cure the default upon receiving notice and thereafter cures the default within 120 days from receipt of the notice.
 - 8.3. Notwithstanding anything to the contrary in this License, Licensee's cure period for any monetary default will be 30 days after its receipt of written notice of such default from the City.
9. **Relationship to the City:** Licensee is an independent contractor and is not an employee, partner, joint venture, or agent of the City. Licensee shall be responsible for all expenses necessary to carry out the services under this License and shall not be reimbursed by the City for such expenses except as otherwise provided in this License.

10. **Notices:** All notices pertaining to this License are considered as delivered when mailed to the following address, either (a) registered, certified or regular mail or (b) overnight reputable national courier (e.g., FedEx, UPS, etc.). Either party may from time to time designate a different address by written notice to the other party.

City: City of League City
300 West Walker Street
League City, Texas 77573
Attn: Director of Public Works

Licensee: Sprint Property Services
Site ID: HO58XC335
Mailstop KSOPHT0101-Z2650
6391 Sprint PCS Parkway
Overland Park, Kansas 66251-2650

Mandatory Copy To: Sprint Law Department
Sprint Site ID: HO58XC335
Attn.: Real Estate Attorney
Mailstop: KSOPHT0101-Z2020
6391 Sprint Parkway
Overland Park, Kansas 66251-2020

11. **Warranties and Representations:** Licensee warrants and agrees that Licensee shall perform its obligations and conduct all operations in conformity with all applicable federal, state, and local laws, rules, regulations, and ordinances. For any obligation performed on premises owned or controlled by the City, Licensee warrants and agrees that Licensee will perform the obligations hereunder in compliance with all City rules (of which Licensee has been provided written notice), including but not limited to, prohibitions related to tobacco use, alcohol, and other drugs.
12. **Licenses/Certifications:** Licensee represents and warrants that it will obtain and maintain in effect, and pay the cost of all licenses, permits or certifications that may be necessary for Licensee's performance of the obligations under this License. If Licensee is a business entity, Licensee warrants, represents, covenants, and agrees that it is duly organized, validly existing and in good standing under the laws of the state of its incorporation; and is duly authorized and in good standing to conduct business in the State of Texas, that it has all necessary power and has received all necessary approvals to execute and deliver this License and is authorized to execute this License according to its terms on behalf of Licensee.
13. **Performance/Qualifications:** Licensee agrees and represents that Licensee has the personnel, experience, and knowledge necessary to qualify Licensee for the particular duties to be performed under this License. Licensee warrants that all services performed under this License shall be performed consistent with generally prevailing professional or industry standards.
14. **Conflict of Interest:** Licensee warrants, represents, and agrees that Licensee presently has no interest and shall not acquire any interest, direct or indirect, that would conflict in any manner or degree with Licensee's performance of its obligations hereunder. Licensee further warrants and affirms that no relationship or affiliation exists between Licensee and the City that could be construed as a conflict of interest with regard to this License.

15. **INDEMNIFICATION:** EXCEPT WITH RESPECT TO ANY CLAIMS (AS DEFINED BELOW) ARISING FROM THE NEGLIGENCE OR INTENTIONAL MISCONDUCT OF THE INDEMNIFIED PARTY, ITS EMPLOYEES, AGENTS OR CONTRACTORS, LICENSEE SHALL DEFEND, INDEMNIFY AND HOLD HARMLESS THE CITY, AND EACH OF ITS DIRECTORS, OFFICERS, AGENTS AND EMPLOYEES FROM AND AGAINST ALL CLAIMS, ACTIONS, SUITS, DEMANDS, PROCEEDINGS, COSTS, DAMAGES AND LIABILITIES, INCLUDING WITHOUT LIMITATION ATTORNEYS' FEES AND REASONABLE LITIGATION COSTS ("CLAIMS"), ARISING OUT OF, CONNECTED WITH, OR RESULTING FROM ANY ACTS OR OMISSIONS OF LICENSEE OR ANY AGENT, EMPLOYEE, SUBLICENSEE, OR SUPPLIER OF LICENSEE IN THE EXECUTION OR PERFORMANCE OF THIS CONTRACT, TO THE EXTENT THE CLAIM ARISES FROM NEGLIGENCE, WILLFUL ACT, BREACH OF CONTRACT OR VIOLATION OF LAW.
16. **Force Majeure:** Neither the City nor Licensee shall be liable for any delay in the performance of this License, nor for any other breach, nor for any loss or damage arising from uncontrollable forces such as fire, theft, storm, war, or any other force majeure that could not have been reasonably avoided by exercise of due diligence.
17. **Notices:** Any notice given under this contract by either party to the other may be affected either by personal delivery in writing or by mail, registered or certified postage prepaid with return receipt requested. Mailed notices shall be addressed to the addresses of the parties as they appear in the contract. Notices delivered personally shall be deemed communicated at the time of actual receipt. Mailed notice shall be deemed communicated three (3) days after mailing; notices sent via overnight reputable national courier shall be deemed communicated one (1) day after sending.
18. **Compliance with Laws:** Licensee will, at its expense, conduct all operations on the Licensed Premises in compliance with all laws, ordinances, rules, regulations, orders or directives of any government authority, and will not commit or allow to be committed any public or private nuisance thereon.
19. **State Auditor:** Licensee understands that acceptance of funds under this License constitutes acceptance of the authority of the Texas State Auditor's Office, or any successor agency (collectively, "Auditor"), to conduct an audit or investigation in connection with those funds. Licensee agrees to cooperate with the Auditor in the conduct of the audit or investigation, including without limitation providing all records requested. Licensee will use good faith efforts to include this provision in all contracts with permitted subcontractors.
20. **Jurisdiction:** Any disputes under this License shall be brought in a court of competent jurisdiction in Galveston, Texas and governed by Texas law.
21. **Alternative Dispute Resolution:** To the extent that Chapter 2260, Texas Government Code, is applicable to this Contract and is not preempted by other applicable law, the dispute resolution process provided for in Chapter 2260 and the related rules adopted by the Texas Attorney General Pursuant to Chapter 2260, shall be used by the City and the Licensee to attempt to resolve any claim for breach of contract made by Licensee that cannot be resolved in the ordinary course of business. The Director of Finance of the City shall examine Licensee's claim and any counterclaim and negotiate with Licensee in an effort to resolve such claims. The parties hereto specifically agree that (i) neither the occurrence of an

event giving rise to a breach of contract claim nor the pendency of a claim constitute grounds for the suspension of performance by Licensee, (ii) neither the issuance of this Contract by the City nor any other conduct, action or inaction of any representative of the City relating to this contract constitutes or is intended to constitute a waiver of the City's or the state's sovereign immunity to suit; and (iii) the City has not waived its right to seek redress in the courts.

22. **[Reserved]:**
23. **Risk of Loss:** If applicable, all work performed by Licensee pursuant to this License will be at Licensee's exclusive risk until final and complete acceptance of the work by City. In the case of any loss or damage to the work prior to City's acceptance, such loss or damage will be Licensee's responsibility.
24. **Publicity:** Neither party shall use the other's name, logo or likeness in any press release, marketing materials or other public announcement without receiving the other party's prior written approval.
25. **Legal Construction/Severability:** In the event that any one or more of the provisions contained in this License shall for any reason be held to be invalid, illegal or unenforceable in any respect, such invalidity, illegality or unenforceability shall not affect any other provision, and this License shall be construed as if such invalid, illegal or unenforceable provisions had never been contained in it. To this end, the provisions of this License are declared to be severable. The parties may mutually agree to renegotiate this License to cure such illegality/invalidity or unconstitutionality if such may be reasonably accomplished.
26. **Limitations:** The Parties are aware that there are constitutional and statutory limitations on the authority of City to enter into certain terms and conditions of this License, including, but not limited to, those terms and conditions relating to liens on City's property; disclaimers and limitations of warranties; disclaimers and limitations of liability for damages; waivers, disclaimers and limitations of legal rights, remedies, requirements and processes; limitations of periods to bring legal action; granting control of litigation or settlement to another party; liability for acts or omissions of third parties; payment of attorneys' fees; dispute resolution; indemnities; and confidentiality (collectively, the "Limitations"), and terms and conditions related to the Limitations will not be binding on City except to the extent authorized by the laws and Constitution of the State of Texas.
27. **Sovereign Immunity:** Except as otherwise provided by Texas law, neither the execution of this License by City nor any other conduct, action or inaction of any City representative relating to this License is a waiver of sovereign immunity by City.
28. **Authority:** Each party warrants and represents to the other that said party has full power and authority to enter into and perform this License and to make the grant of rights contained herein.
29. **Non-Waiver:** No covenant or condition of this License may be waived except by written consent of the waiving party. Forbearance or indulgence by one party in any regard whatsoever shall not constitute a waiver of the covenant or condition to be performed by the other party.
30. **Assignability:** Licensee may not assign or sublet all or any portion of the Licensed Premises without the prior written consent of the City, which consent will not be unreasonably withheld, conditioned or delayed. Licensee shall have the right to sublease or assign its rights under this License to any of its subsidiaries, affiliates, or successor legal entities, to any entity acquiring substantially all of the assets of Licensee or to any subsidiary or affiliate Licensee without the consent of the City.
31. **Prohibition on Boycotting Israel:** Pursuant to Section 2270.002, Texas Government Code, by executing this License Licensee verifies that Licensee: (1) does not boycott Israel; and (2) will not boycott Israel during the term of this License.

32. **Prohibition Against Business with Iran, Sudan or Foreign Terrorists Organizations:** Licensee warrants, covenants, and represents that Licensee is not engaged in business with Iran, Sudan, or any company identified on the list referenced in Section 2252.152, Texas Government Code.
33. **Hazardous Substances.** City represents that it has no knowledge of any substance, chemical or waste (collectively, substance) on the Licensed Premises that is identified as hazardous, toxic or dangerous in any applicable federal, state or local law or regulation. Licensee will not introduce or use any such substance on the Licensed Premises in violation of any applicable law.
34. **Entire Agreement:** This License contains the entire agreement between the parties and supersedes all prior agreements, arrangements, and understanding, oral or written between the parties relating to this License. This License may not be modified except by mutual written agreement of the parties executed subsequent to this License.
35. **Previous Agreement:** The parties acknowledge that the Leased Premises were governed by that certain PCS Site Agreement dated April 2, 2004 by and between the parties (the "Previous Agreement") and that the installation of the Antenna Facility at the Leased Premises was permitted thereunder and, therefore, is currently in compliance with the terms of this License.
36. **Memorandum of Agreement.** The parties shall execute concurrently with this License a recordable Memorandum of Agreement attached to this License as Exhibit B, which Licensee may record at its own expense in the real property records where the Licensed Premises is located.

Executed this _____ day of _____, 2018. *(date to be filled in by the City Secretary)*

SPRINTCOM, INC. - "Licensee"

 4/25/2019

Silvia J. Lin, Manager – Real Estate

CITY OF LEAGUE CITY – "City"

John Baumgartner, City Manager

Attest:

Diana Stapp, City Secretary

Approved as to Form:

office of the City Attorney

EXHIBIT “A”

LICENSED PREMISES AND ANTENNA FACILITY

(SEE ATTACHED)



PREPARED FOR:

Sprint

6391 SPRINT PARKWAY
OVERLAND PARK, KANSAS 66251

PREPARED FOR:

 **VERTICOM**
IDEAL SOLUTIONS. RESULTS.
7901 AMBASSADOR ROW
DALLAS, TX 75247
214-741-6898

PREPARED BY:

**ARIA
SERVICES, INC.**
(201) 797-4387
WWW.ARIA-CORP.COM

SITE NAME:
LEAGUE CITY
COUNTRYSIDE WT

SITE NUMBER:
HO58XC335

SITE ADDRESS:
5123 1/2 CANDLEWOOD LEAGUE
CITY, TX 77573
GALVESTON COUNTY

STAMP: I CERTIFY THAT THESE DRAWINGS WERE PREPARED BY ME OR UNDER MY DIRECT SUPERVISION & CONTROL & TO THE BEST OF MY KNOWLEDGE & BELIEF TO COMPLY WITH THE REQUIRED CODES.

REVISION HISTORY			
NO	DESCRIPTION	BY	DATE
1	SUBMISSION: 90%	CD	SB 11/03/16

SHEET TITLE:	TITLE SHEET
SHEET NUMBER:	T-1

PROJECT SUMMARY

SITE NAME: LEAGUE CITY COUNTRYSIDE WT
SITE NUMBER: H058XC335
SITE ADDRESS: 5123 1/2 CANDLEWOOD
LEAGUE CITY, TX 77573
LATITUDE: 29.48275°
LONGITUDE: -95.142344°
GROUND ELEVATION: 28' AMSL

SCOPE OF WORK

- 1) THE WIRELESS COMMUNICATIONS FACILITY IS NOT INTENDED FOR HUMAN OCCUPANCY
- 2) THIS FACILITY DOES NOT REQUIRE POTABLE WATER AND WILL NOT PRODUCE ANY SEWAGE
- 3) THE SCOPE OF WORK CONSISTS OF MODIFYING THE EXISTING WIRELESS INSTALLATION:
 - A. INSTALL (3) SPRINT ANTENNAS
 - B. INSTALL (3) SPRINT MINI MACRO RADIOS
 - C. INSTALL (3) 500W POWER CABLE
 - D. INSTALL (3) CORRUGATED PVC CONDUIT FOR FIBER & ETHERNET CABLES

APPLICABLE CODES & STANDARDS

- * 2012 INTERNATIONAL BUILDING CODE
- * 2012 INTERNATIONAL MECHANICAL CODE
- * 2012 INTERNATIONAL PLUMBING CODE
- * 2012 INTERNATIONAL FIRE CODE
- * 2012 INTERNATIONAL FUEL GAS CODE
- * 2011 NATIONAL ELECTRICAL CODE

ONE CALL



**CALL OKIE
ONE CALL
(800) 522-6543
CALL 3 WORKING DAYS
BEFORE YOU DIG!**

DRIVING DIRECTIONS

[illegible]

CONTACTS

APPLICANT:
SPRINT PCS
6391 SPRINT PARKWAY
OVERLAND PARK, KANSAS 66251
NOC: 800-400-6040

TOWER OWNER:
LEAGUE CITY PUBLIC WORKS
PHONE: 28-554-1390

CONSTRUCTION MANAGER:

EDDIE SMITH
1-501-217-1502

ARCHITECT/ENGINEER:

ARIA SERVICES, INC.

10006 LYNBROOK DR.

HOUSTON, TX 77042
CONTACT: IBSAN TICNAB

PHONE: 281-797-4387

TELEPHONE COMPANY

VERIZON

VICINITY MAP



APPROVALS

PROJECT MANAGER	DATE
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RF ENGINEERING _____ DATE _____

SITE	OWNER	DATE
------	-------	------

CONSTRUCTION MANAGER

PL 3300

INVESTIGATION

THE ABOVE PARTIES HEREBY APPROVE AND ACCEPT THESE DOCUMENTS AND AUTHORIZE CONTRACTOR TO PROCEED WITH THE CONSTRUCTION

SITE ACCESS PROCEDURES

COMPOUND: NO LOCK

JUST CALL WATER DEPARTMENT AT 281-332-2566
OR 281-808-6717 FOR SITE ACCESS.

LIST OF DRAWINGS

SITE GENERAL ARRANGEMENT PLANS	TITLE SHEET	T-1
	GENERAL NOTES	T-2
	GENERAL NOTES	T-3
	ARCHITECTURAL / CIVIL PLANS	
	OVERALL SITE PLAN	A-1
	EQUIPMENT PLAN	A-2
	SITE ELEVATION & ANTENNA LAYOUT	A-3
	EQUIPMENT DETAILS	A-4
	EQUIPMENT DETAILS	A-5
ELECTRICAL PLANS		
	GROUNDING & ELECTRICAL PLAN	E-1
	GROUNDING DETAILS	E-2
	DC POWER & DISTRIBUTION	E-3
	AC POWER & DISTRIBUTION	E-4
NOTE: DRAWING SCALES ARE FOR 24"x36" SHEETS UNLESS OTHERWISE		

SPECIAL NOTES

1. ALL WORK SHALL BE INSTALLED IN CONFORMANCE WITH CURRENT SPRINT
2. EXISTING CONDITIONS SHALL BE DOCUMENTED AND VERIFIED IN FIELD IF
3. SIGNIFICANT DEVIATIONS OR UNUSUAL CONDITIONS ARE ENCOUNTERED AT THE
4. TIME OF CONSTRUCTION, A REPAIR PERMIT WILL BE OBTAINED &
5. CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY.
6. CONTRACTOR SHALL VERIFY ALL CONDITIONS OF THE EXISTING &
7. CONDITIONS ON THE JOB SITE & SHALL IMMEDIATELY NOTIFY THE
8. ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH
9. THESE WORKS OR BE RESPONSIBLE FOR SAME.
10. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE SPRINT SPECIFICATIONS &
11. ARE NOT REDUCED IN SIZE.

PREPARED FOR:



6391 SPRINT PARKWAY
OVERLAND PARK, KANSAS 66251

PREPARED FOR:



VERTICOM
IDEAS SOLUTIONS. RESULTS.
7901 AMBASSADOR ROW
DALLAS, TX 75247
214-741-6888

PREPARED BY:



ARIA SERVICES, INC.
(281) 797-4387
WWW.ARIA-CORP.COM

SITE NAME:
**LEAGUE CITY
COUNTRYSIDE WT**

SITE NUMBER:
H058XC335

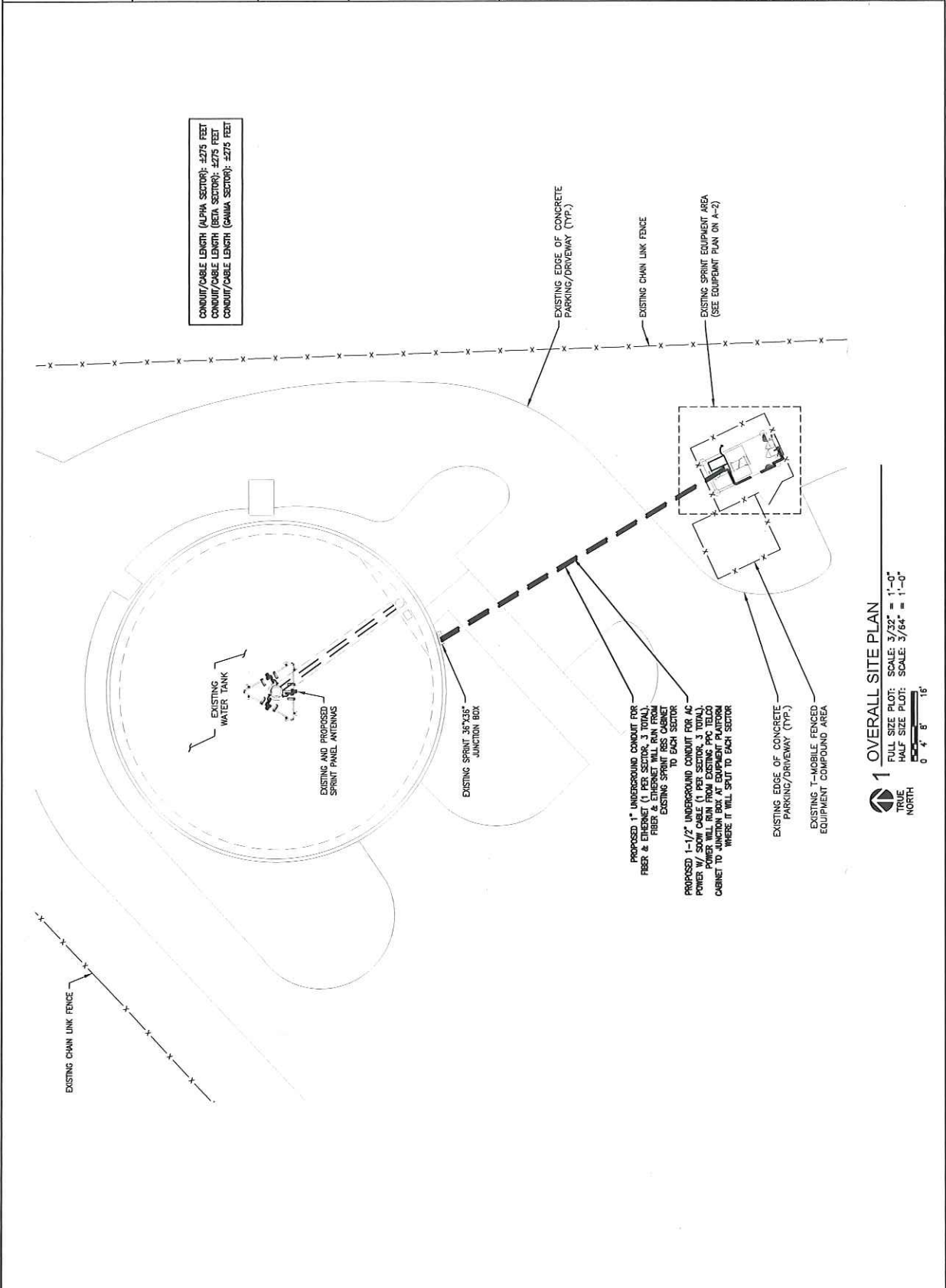
SITE ADDRESS:
5123 1/2 CANDLEWOOD LEAGUE
CITY, TX 77573
GALVESTON COUNTY

STAMP:
I CERTIFY THAT THESE DRAWINGS
WERE PREPARED BY ME OR UNDER
MY CLOSE PERSONAL SUPERVISION
& TO THE BEST OF MY KNOWLEDGE
REQUIRED CODES.

REVISION HISTORY	
NO	DESCRIPTION
1	SUBMISSION: 90% CD
2	BY DATE
3	11/03/16

SHEET TITLE:
OVERALL SITE PLAN

SHEET NUMBER:
A-1



PREPARED FOR:



PREPARED FOR:



PREPARED BY:



SITE NAME:
**LEAGUE CITY
COUNTRYSIDE WT**

SITE NUMBER:
HO58XC335

SITE ADDRESS:
5123 1/2 CANDLEWOOD LEAGUE
CITY, TX 77573
GALVESTON COUNTY

STAMP:

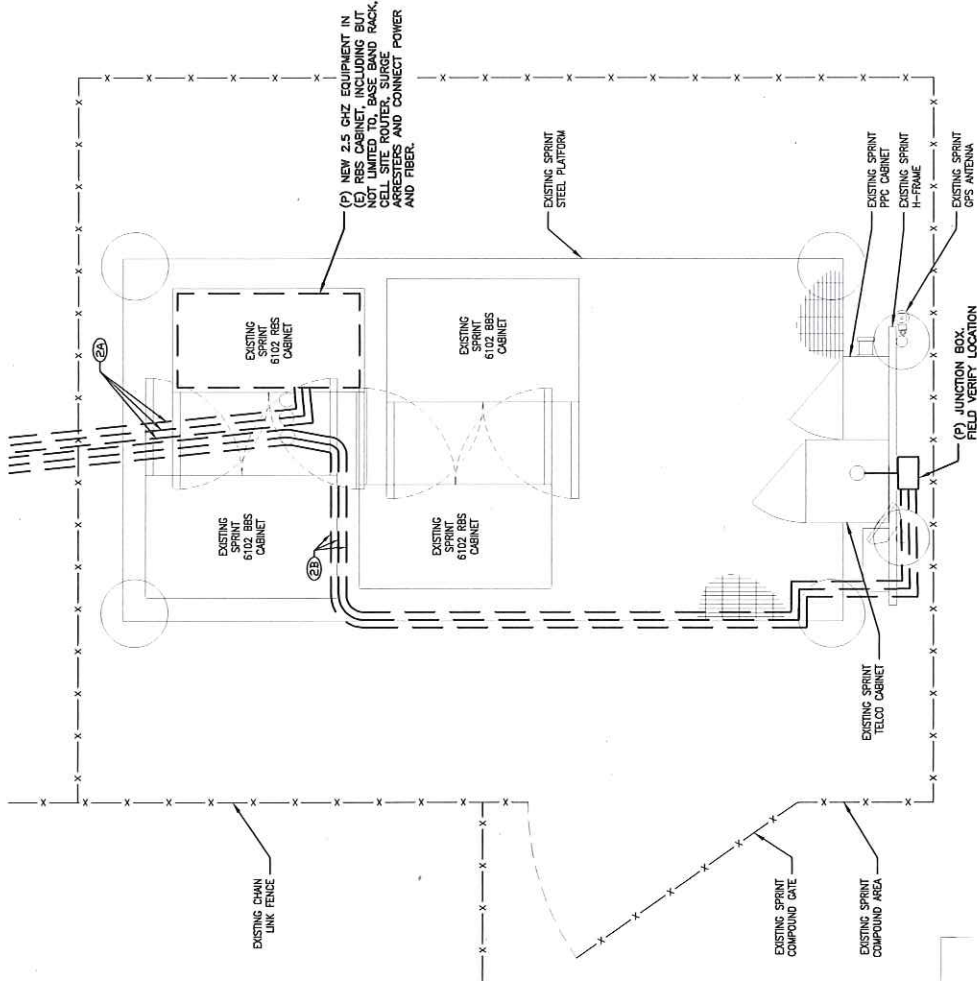
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& TO THE BEST OF MY KNOWLEDGE
& BELIEF TO COMPLY WITH THE
REQUIRED CODES.

REVISION HISTORY	
NO DESCRIPTION	BY DATE
1 SUBMISSION: 90% CD	BS 11/03/16

SHEET TITLE:
EQUIPMENT PLAN

SHEET NUMBER:
A-2

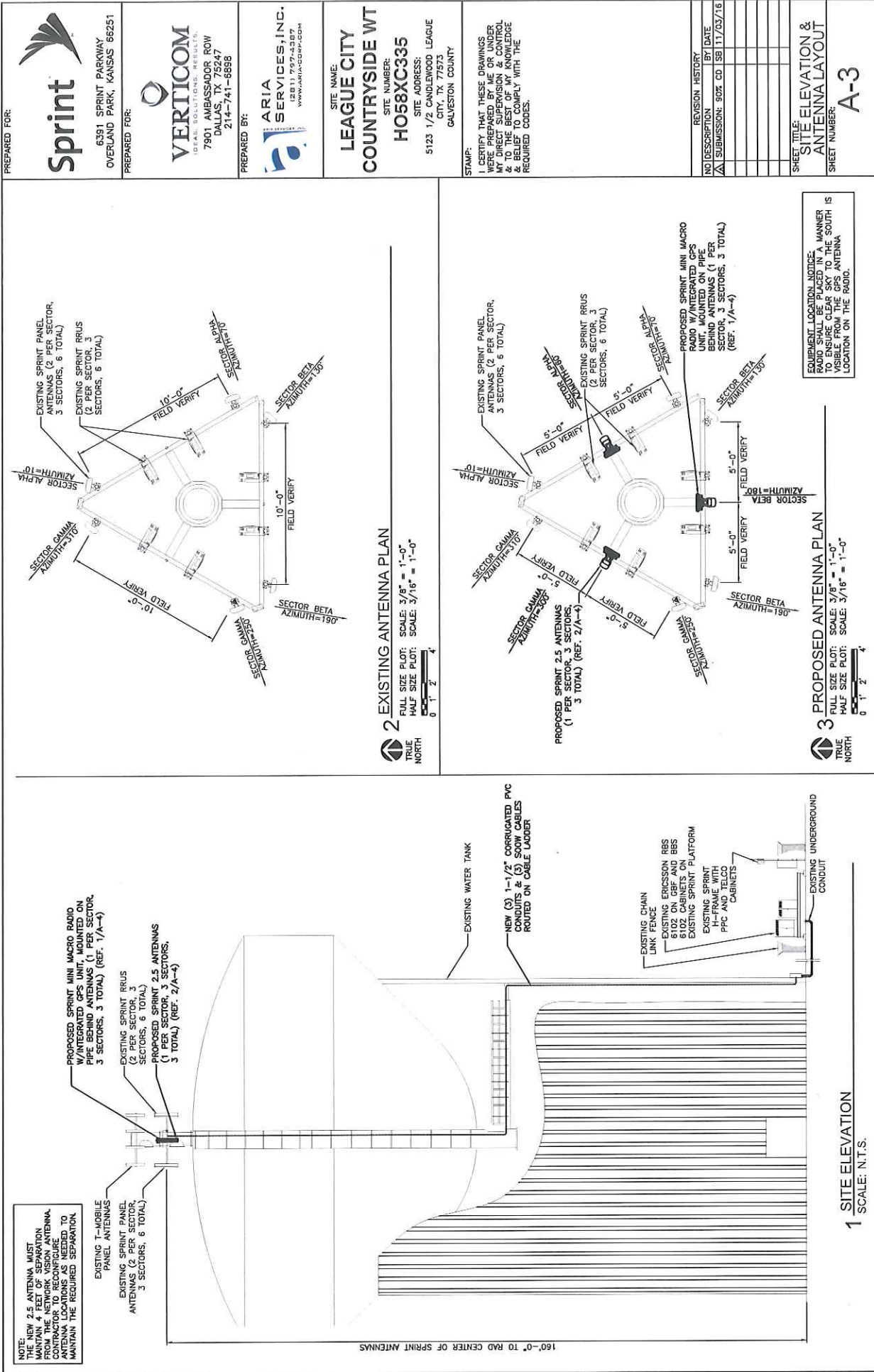
- KEYED CONDUIT CALL OUTS:**
- (2A) PROPOSED 1" CONDUIT FOR FIBER & ETHERNET (1 PER SECTOR, 3 TOTAL, FIBER & ETHERNET WILL RUN FROM EXISTING SPRINT RBS CABINET TO EACH SECTOR)
 - (2B) PROPOSED 1-1/2" CONDUIT FOR AC POWER W/ 500W CABLE (1 PER SECTOR, 3 TOTAL, 1 PER SECTOR WILL RUN FROM EXISTING SPRINT RBS CABINET TO JUNCTION BOX AT EQUIPMENT PLATFORM WHERE IT WILL SPLIT TO EACH SECTOR)



1 EQUIPMENT PLAN (PROPOSED)

FULL SIZE PLOT: SCALE: 3/4" = 1'-0"
HALF SIZE PLOT: SCALE: 3/8" = 1'-0"





PREPARED FOR:



6391 SPRINT PARKWAY
OVERLAND PARK, KANSAS 66251

PREPARED BY:



7901 AMBASSADOR ROW
DALLAS, TX 75247
214-741-6888

PREPARED BY:



SITE NAME:
**LEAGUE CITY
COUNTRYSIDE WT**

SITE NUMBER:
H058XC335
SITE ADDRESS:
5123 1/2 CANDLEWOOD LEAGUE
CITY, TX 77573
GALVESTON COUNTY

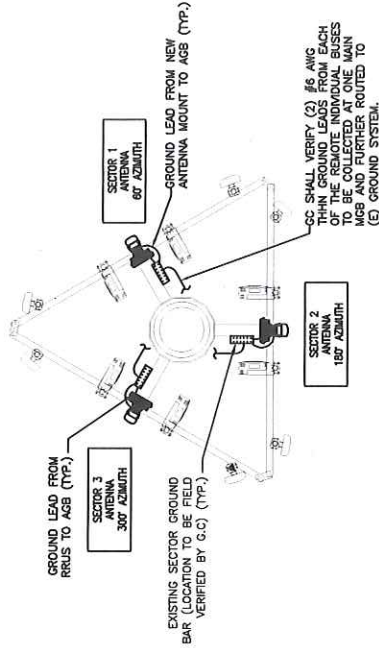
STAMP:

I CERTIFY THAT THESE DRAWINGS
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MY DIRECT SUPERVISION & CONTROL
& TO THE BEST OF MY KNOWLEDGE
& BELIEF TO COMPLY WITH THE
REQUIRED CODES.

NO	DESCRIPTION	BY	DATE
1	SUBMISSION: 90% CD	SB	11/03/16

SHEET TITLE:
GROUNDING & ELECTRICAL PLAN

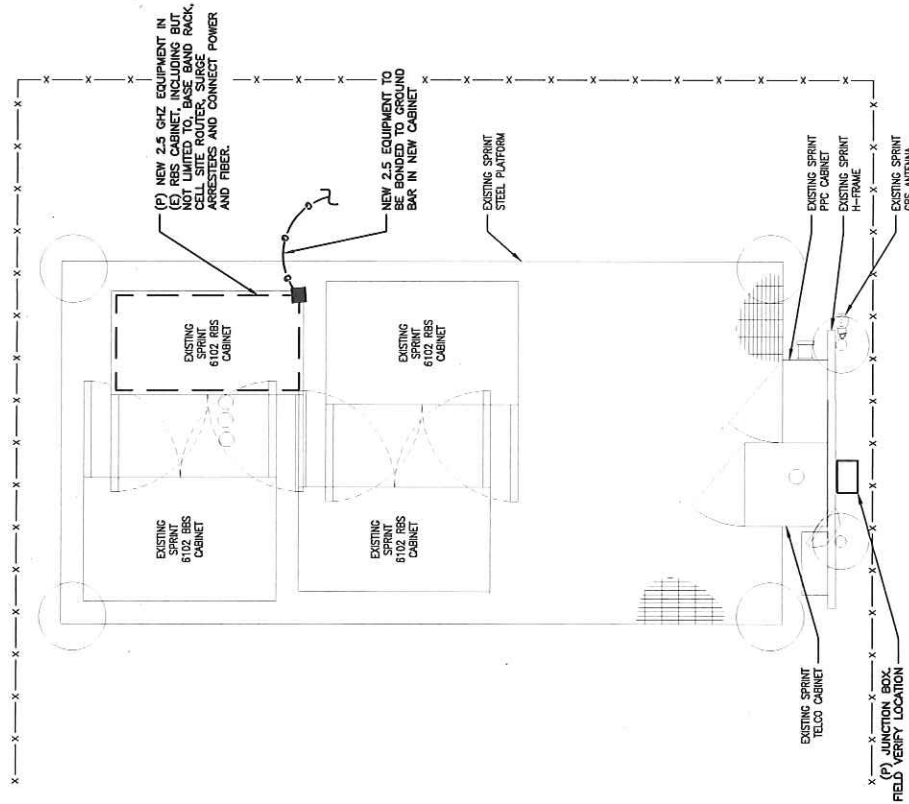
SHEET NUMBER:
E-1



2 ANTENNA GROUNDING PLAN (TYP.)

TRUE NORTH
FULL SIZE PLOT: SCALE: 3/8" = 1'-0"
HALF SIZE PLOT: SCALE: 3/16" = 1'-0"
0 1" 2" 4"

3 NOT USED



1 EQUIPMENT GROUNDING PLAN

TRUE NORTH
FULL SIZE PLOT: SCALE: 3/8" = 1'-0"
HALF SIZE PLOT: SCALE: 3/16" = 1'-0"
0 6" 1" 2"

PREPARED FOR:



6351 SPRINT PARKWAY
OVERLAND PARK, KANSAS 66251

PREPARED FOR:



VERTICOM
TOTAL SOLUTIONS, RESULTS
7901 AMBASSADOR ROW
DALLAS, TX 75247
214-741-6858

PREPARED BY:



ARIA
SERVICES, INC.
(281) 797-4387
WWW.ARIASERVICES.COM

SITE NAME:
**LEAGUE CITY
COUNTRYSIDE WT**

SITE NUMBER:
HO58XC335

SITE ADDRESS:
5123 1/2 CANDLEWOOD LEAGUE
CITY, TX 77573
GALVESTON COUNTY

STAMP:

I CERTIFY THAT THESE DRAWINGS
WERE PREPARED BY ME OR UNDER
MY DIRECT SUPERVISION & CONTROL
& TO THE BEST OF MY KNOWLEDGE
THESE DRAWINGS COMPLY WITH THE
REQUIRED CODES.

REVISION HISTORY

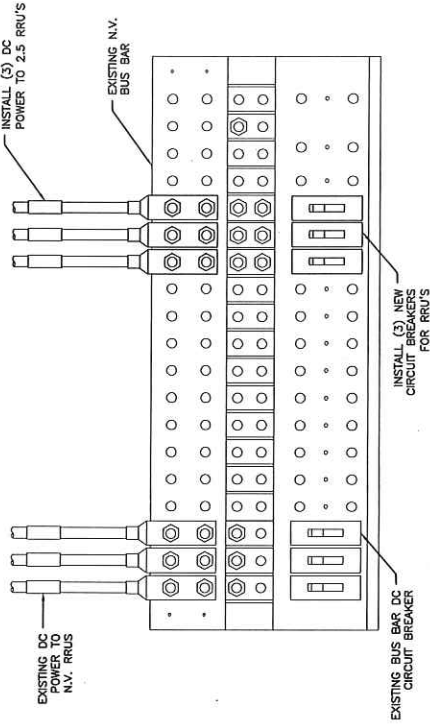
NO	DESCRIPTION	BY	DATE
1	SUBMISSION: 90% CD	SB	11/03/16

SHEET TITLE:

**DC POWER &
DISTRIBUTION**

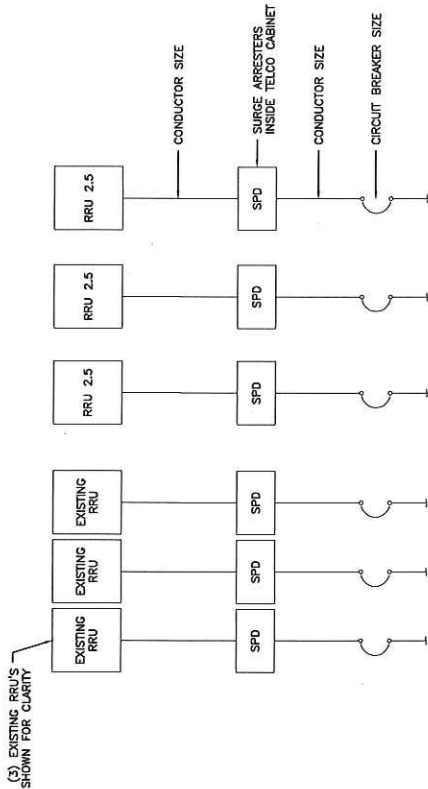
SHEET NUMBER:

E-3



2 DC POWER DISTRIBUTION
SCALE: N.T.S.

4 NOT USED



1 DC ONE LINE DIAGRAM
SCALE: N.T.S.

3 NOT USED



6391 SPRINT PARKWAY
OVERLAND PARK, KANSAS 66251

PREPARED FOR:



VERTICOM
DEAR SOLUTIONS. RESULTS.
7901 AMBASSADOR ROW
DALLAS, TX 75247
214-741-6898

PREPARED BY:



(201) 797-4307
WWW.ARIA-CORP.COM

SITE NAME:

LEAGUE CITY
COUNTRYSIDE WT

SITE NUMBER:

HO58XC335

SITE ADDRESS:

SITE ADDRESS:
5123 1/2 CANDLEWOOD LEAGUE
CITY, TX 77573
GALVESTON COUNTY

STAMP:

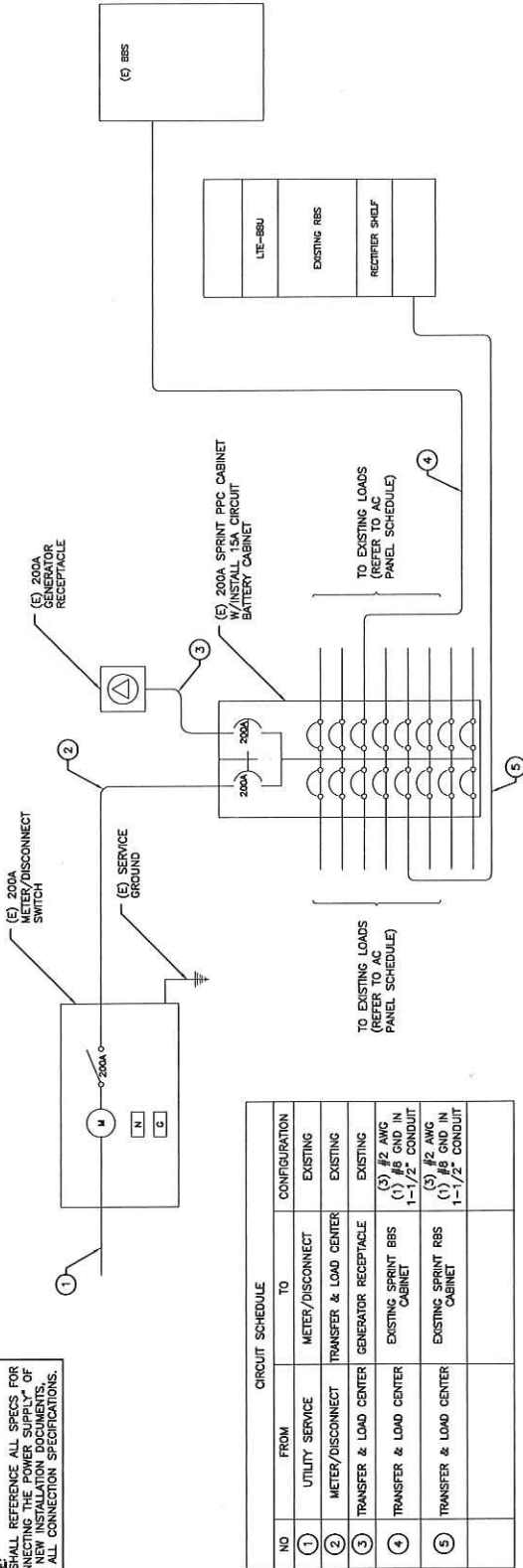
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WERE PREPARED BY ME OR UNDER
MY DIRECT SUPERVISION & CONTROL
& TO THE BEST OF MY KNOWLEDGE
& BELIEF TO COMPLY WITH THE
REQUIRED CODES.

REVISION HISTORY			
NO	DESCRIPTION	BY	DATE
A	SUBMISSION: 90%	CD	SB 11/03/16

REVISION HISTORY			
NO	DESCRIPTION	BY	DATE
A	SUBMISSION: 90% CD	SB	11/03/16

NO	DESCRIPTION	BT	DATE
A	SUBMISSION: 90% CD	SB	11/03/16

SHEET TITLE:	AC POWER & DISTRIBUTION
SHEET NUMBER:	

4-E

1 ELECTRICAL ONE LINE DIAGRAM

SCALE: N.T.S.

CIRCUIT SCHEDULE			
NO	FROM	TO	CONFIGURATION
①	UTILITY SERVICE	METER/DISCONNECT	EXISTING
②	METER/DISCONNECT	TRANSFER & LOAD CENTER	EXISTING
③	TRANSFER & LOAD CENTER	GENERATOR RECEPTACLE	EXISTING
④	TRANSFER & LOAD CENTER	EXISTING SPRINT BBS CABINET	(3) #2 AWG (1) #8 GND IN 1-1/2" CONDUIT
⑤	TRANSFER & LOAD CENTER	EXISTING SPRINT BBS CABINET	(3) #2 AWG (1) #8 GND IN 1-1/2" CONDUIT

2 NOT USED

3 NOT USED

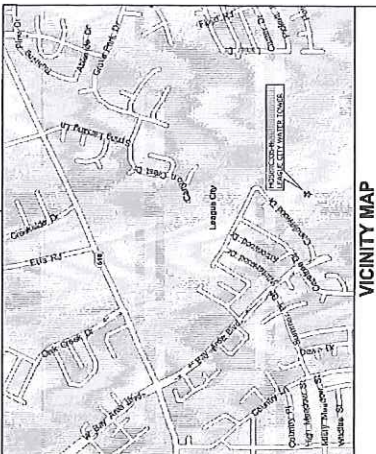
[illegible]

NEW ANTENNA	EXISTING ANTENNA	EXISTING PLASTER	GROUT OR PLASTER
ASPHALT	BRICK	BRICK	BRICK
ELECTRIC BOX	CONCRETE	CONCRETE	CONCRETE
LIGHT POLE	EARTH	EARTH	EARTH
FIND MONUMENT	GRAVEL	GRAVEL	GRAVEL
SPOT ELEVATION	FLYWOOD	FLYWOOD	FLYWOOD
SET ELEVATION	SAND	SAND	SAND
REVISION	WOOD CONT.	WOOD CONT.	WOOD CONT.
GRID REFERENCE	WOOD BLOCKING	WOOD BLOCKING	WOOD BLOCKING
DETAIL REFERENCE	STEEL	STEEL	STEEL
ELEVATION	CENTER LINE	CENTER LINE	CENTER LINE
	PROPERTY LINE	PROPERTY LINE	PROPERTY LINE
	STEPPED FOOTING	STEPPED FOOTING	STEPPED FOOTING
	MATCH LINE	MATCH LINE	MATCH LINE
	WORK POINT	WORK POINT	WORK POINT
	COAXIAL CABLE	COAXIAL CABLE	COAXIAL CABLE
	GROUND NIRE # 2 AN	GROUND NIRE # 2 AN	GROUND NIRE # 2 AN

CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE, AND SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.

Sprint PCSSM -HOUSTON
CASCADE # HO58XC335
LEAGUE CITY WATER TOWER

LATITUDE: N 29° 20' 57.25" NAD 83
LONGITUDE: W 95° 08' 33.68" NAD 83
ELEVATION: 249' AMSL (NAVD83)

[illegible]

DRIVING DIRECTIONS

SITE NUMBER:	HOSEA042395
SITE NAME:	UNIT 12 CANCELED/NO DRIVE
SITE ADDRESS:	12345 CANYON DRIVE DALLAS, TEXAS 75205
PROPERTY OWNER:	CITY OF LEAGUE CITY, TX 12345 LEAGUE CITY DRIVE LEAGUE CITY, TX 77573-3549
CONTACT:	CONTACT: (281) 358-4840 CHAS HEIFER, PUBLIC WORKS DIRECTOR (281) 316-3428
ZONING JURISDICTION:	CITY OF LEAGUE CITY
ZONING CLASSIFICATION APPLICANT:	CITY EXEMPT SPRINT PCS 12345 LEAGUE CITY DRIVE SUITE 300 IRVING, TEXAS 75039
CONTACT PERSON:	ED LASKOWSKI
CONTACT NO.:	(281) 711-7504
FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION THEREFORE HANDICAP ACCESS IS NOT REQUIRED. NO PLUMBING ON SITE	

CONTRACTOR TO UTILIZE INDEPENDENT UNDERGROUND UTILITY LOCATOR ON ALL SITES 48 HRS PRIOR TO DIGGING. TEXAS ONE CALL NUMBER IS (800) 245-4545

ENERGY
BUSINESS DEVELOPMENT

SOUTHWESTERN BELL TELEPHONE
BUSINESS DEVELOPMENT
(800) 498-7425

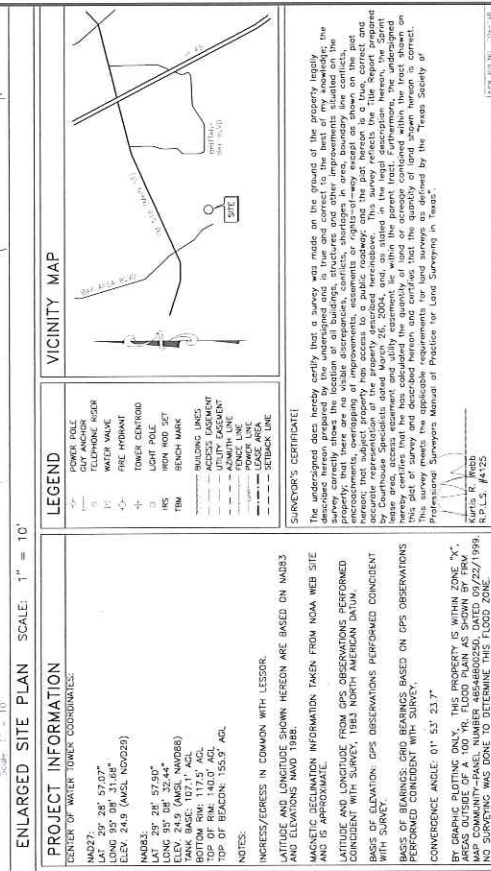
FROM I-45 (NORTH FREWAY) OUT OF DOWNTOWN HOUSTON APPROX
25 MILES TO FM 501 (LAKE CITY EXIT #23). RIGHT (WEST) ON
FM 510 APPROX 0.6 MILES TO BAY AREA BLVD. TAKE A RIGHT ON
BAY AREA BLVD TO CANDLEWOOD DRIVE. LEFT (EAST) ON
CANDLEWOOD AND GO APPROX 0.2 MILE TO RIGHTHAND DRIVE
AND FOLLOW WATER TONES.

PAGE	DESCRIPTION
11	TITLE SHEET
SVA1	LAND SURVEY (BY OTHERS)
G1	OVERALL SITE PLAN
G2	ENLARGED SITE PLAN
C3	ELEVATIONS
C4	CONSTRUCTION DETAILS
C5	CONSTRUCTION DETAILS
C6	CONSTRUCTION DETAILS
C7	CONSTRUCTION DETAILS
C8	COAX RUN DETAILS
E1	ELECTRICAL SITE PLAN
E2	ELECTRICAL RISER AND DETAILS
G1	GROUNDING PLAN
G2	GROUNDING RISER DIAGRAM
G3	SITE GROUNDING DETAILS
G4	COAX CABLE GROUNDING DETAILS
D1	UTILITY RACK
D2	SIDEL MOUNT LAYOUT
D3	FOUNDATION DETAILS
KITC1	ELEVATIONS & SECTIONS
KITC2	ANTENNA POD DETAILS
KITC3	ANTENNA POD DETAILS
KITC4	ANTENNA POD DETAILS
KITC5	TANK PENETRATIONS AND DETAILS

SURVEYOR, WEBB SURVEYING, INC.
STRUCTURAL, BOMTECK
ELECTRICAL, M-T COMMUNICATION
DESIGN GROUP
TOWER SUPPLIER, SABRE COMMUNICATION

ENGINEERS AND SUPPLIERS

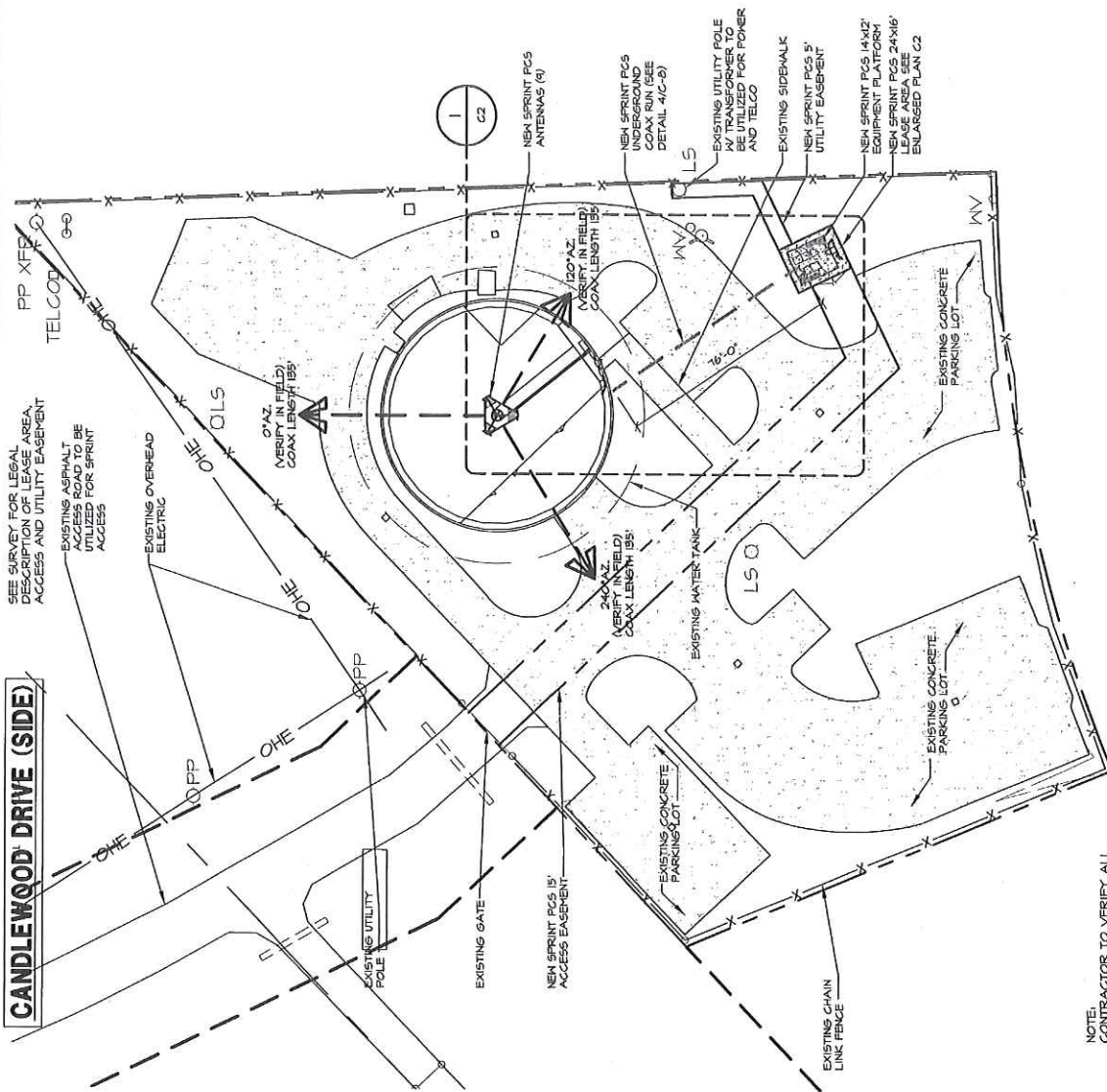
LANDLORD	_____
SPRINT MGR	_____
SPRINT ENG	_____
SPRINT R.F.	_____
ZONING	_____
CONSTRUCTION	_____
PROPERTY	_____
NETWORK	_____
APPROVALS	



GENERAL NOTES:

1. CONTRACTOR SHALL COMPLY WITH ALL BUILDING CODES OF THE AUTHORITIES HAVING JURISDICTION.
2. NOTIFY THE SITE OWNER AND SITE MANAGER OF THE CONSTRUCTION START WELL IN ADVANCE OF THE CONSTRUCTION START DATE.
3. COORDINATE THE CONSTRUCTION STAGING AREA WITH THE SITE OWNER AND SITE MANAGER WELL IN ADVANCE OF THE CONSTRUCTION START DATE.
4. PROTECT THE EXISTING FACILITIES AT ALL TIMES. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE CAUSED BY CONSTRUCTION OPERATIONS.
5. THE CONTRACT LIMITS ARE AS NOTED ON THE DRAWINGS. CONFINE OPERATION TO AREAS WITHIN THE LIMITS INDICATED.
6. PROVIDE FOR COMPLETE TELEPHONE AND ELECTRICAL SERVICE AS INDICATED ON THE DRAWINGS. COORDINATE WITH SITE OWNER AND AUTHORITIES HAVING JURISDICTION.
7. CONTRACTOR IS TO VERIFY THE EXACT LOCATION OF ALL EXISTING UTILITIES AND COORDINATE THE INSTALLATION OF NEW UTILITIES.
8. CONTRACTOR IS TO FIELD VERIFY ALL EXISTING CONDITIONS AND PLAN DIMENSIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES. DO NOT SCALE DRAWINGS.
9. THE CONTRACTOR SHALL REMOVE ALL TRASH AND DEBRIS FROM THE SITE ON A DAILY BASIS.
10. THE EQUIPMENT LOCATIONS SHOWN SHALL NOT BE VARIED WITHOUT THE REVIEW AND APPROVAL OF THE ENGINEER.
11. EQUIPMENT PLATFORM AND ANTENNAS ARE DESIGNED TO MEET LOCAL BUILDING CODES, AND ANSI/AIA-222-E STRUCTURAL STANDARDS FOR STEEL ANTENNA SUPPORTING STRUCTURES. THE DESIGN WIND SPEED IS 10 MPH AND 12" ICE.
12. CONTRACT COMPANIES AND THEIR EMPLOYEES SHALL OBSERVE AND PRACTICE ALL OSHA SAFETY GUIDELINES WHILE PERFORMING SERVICES.
13. WHERE A TOWER DOES NOT HAVE A PERMANENT FALL PROTECTIONS SYSTEM, THE CONTRACT COMPANY IS RESPONSIBLE FOR PROVIDING A SUITABLE SYSTEM FOR ITS EMPLOYEES.
14. CONTRACTOR SHALL PERFORM A SAFETY INSPECTION PRIOR TO COMMENCING ALL WORK ACTIVITIES AT A LEASED OR OWNED SITE. OWNER SHOULD BE IMMEDIATELY NOTIFIED OF SAFETY HAZARDS FOUND DURING THE INSPECTION THAT COULD CAUSE BODILY HARM OR ENDANGERMENT TO LIFE OR THAT COULD CAUSE DAMAGE TO PROPERTY OR ENVIRONMENT. THE CONTRACTOR SHALL IMMEDIATELY REPORT ANY REPORTED SAFETY HAZARD CORRECTED. THE SAFETY HAZARD IF NOT CORRECTED BY THE CONTRACTOR WHILE ON SITE AFTER THE CONTRACTOR HAS NOTIFIED OWNER OF THE HAZARD AND HAS RECEIVED APPROVAL FROM OWNER TO PERFORM THE CORRECTION.
15. MONOPOLE / TOWER FOUNDATION DESIGN IS UNDER SEPARATE CONTRACT BY OTHERS AND IS EXCLUDED FROM THESE DESIGN DRAWINGS. REFER TO OWNER PROVIDED DRAWINGS FOR SPECIFIC DETAILS REGARDING FOUNDATION SYSTEM.
16. VERIFY WITH SPRINT PCS ENGINEER THE AZIMUTH AND ORIENTATION OF PLATFORM PRIOR TO INSTALLATION.
17. TO INSTALLATION.
18. CONTRACTOR TO VERIFY ALL MOUNTING HEIGHTS AND AZIMUTHS OF ANTENNAS PRIOR TO INSTALLATION.
19. CONTRACTOR TO RESTORE ALL DAMAGED AREAS CAUSED BY CONSTRUCTION TO ORIGINAL CONDITION UPON COMPLETION OF CONSTRUCTION.
20. CONTRACTOR SHALL OBSERVE AND OBEY ALL WARNING SIGNS POSTED AT THIS SITE. CONTRACTOR SHALL SUPPLY AT ALL TIMES DRINKING WATER, SITE PREPARATION, INSPECTION, AND TESTING ALL EQUIPMENT, MATERIALS, AND SAFETY MANUALS PERTAINING TO OSHA. THESE REQUIREMENTS ARE INCLUDING BUT NOT LIMITED TO PORTABLE REST ROOMS, SUN SHADES AND DRINKING WATER.

CANDLEWOOD DRIVE (SIDE)



NOTE:
CONTRACTOR SHALL PAINT TO MATCH ALL MATERIALS TO BE ATTACHED TO EXISTING TOWER



1

OVERALL SITE PLAN

SCALE: 1" = 40'-0"

NOTE:
DURING CONSTRUCTION CONTRACTOR TO MAINTAIN A ORANGE FENCE PERIMETER AROUND THE SITE AT ALL TIMES FOLLOWING CLOSE OF EVERY BUSINESS DAY

Sprint PCS

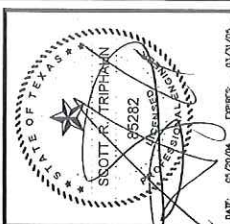
5030 RIVERSIDE DRIVE
SUITE 300
IRVING, TEXAS 75039

1	5/20/04	FOR CONSTRUCTION
1	5/20/04	FOR RENEWAL

W-T

**W-T COMMUNICATIONS
DESIGN GROUP LLC**

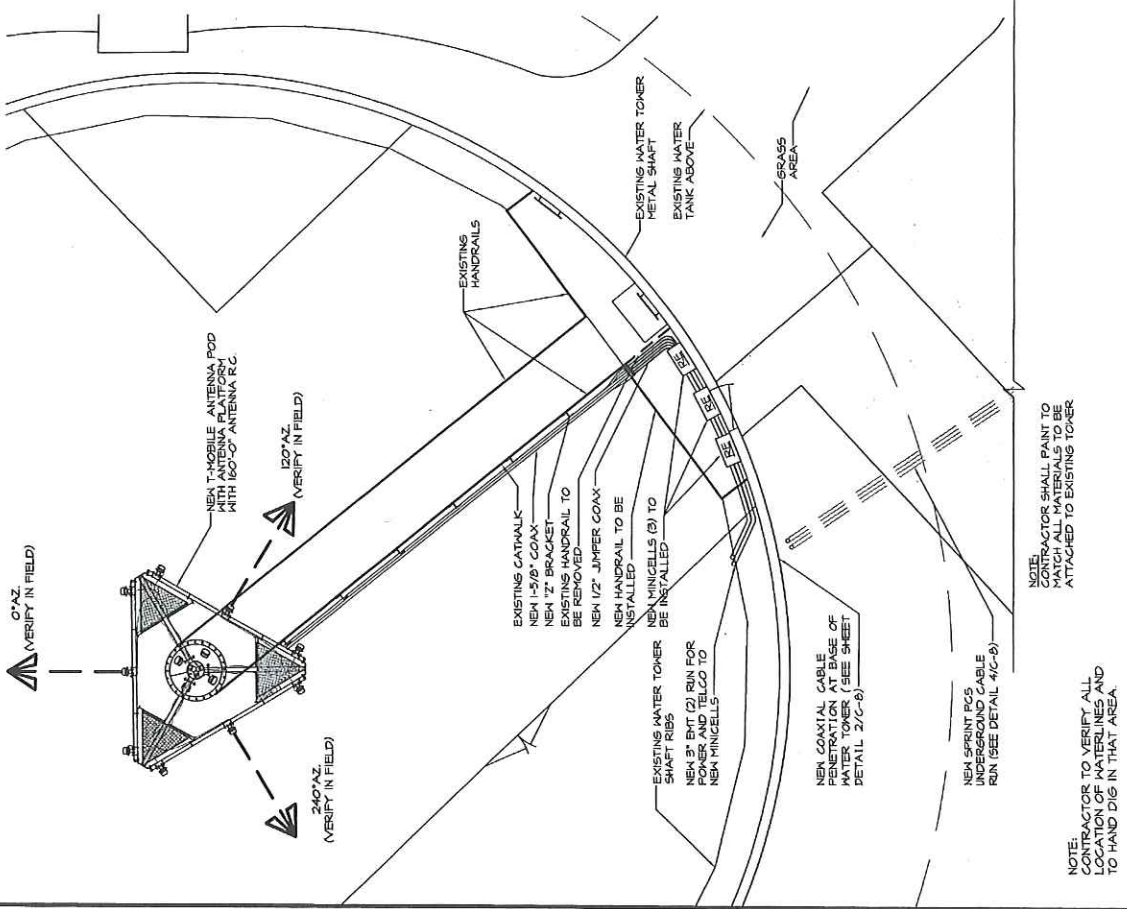
3001 JIM FREEMAN, SUITE 129
DALLAS, TEXAS 75234
PH: (972) 739-0782



DATE: 5/20/04	OFFICE: 5/20/04
PROJECT NO: T04277	
DRAWN BY: TMC	
CHECKED BY: KWM	
CASCADE # H088X0335	
LEAGUE CITY	
WATER TOWER	
5123 1/2 CANDLEWOOD	
LEAGUE CITY, TX 77573	
GALVESTON COUNTY	
SHEET TITLE	OVERALL SITE PLAN
SHEET NUMBER	C-1

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SEE TOWER
ELEVATION SHEET C-3



ENLARGED SITE PLAN
SCALE: 1/8" = 1'-0"

1

Sprint PCS

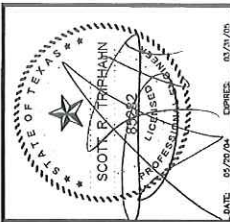
5030 RIVERSIDE DRIVE
SUITE 300
IRVING, TEXAS 75039

1	05/20/04	FOR CONSTRUCTION
2	05/20/04	PRELIMINARY

W-T

**W-T COMMUNICATION
DESIGN GROUP LLC**

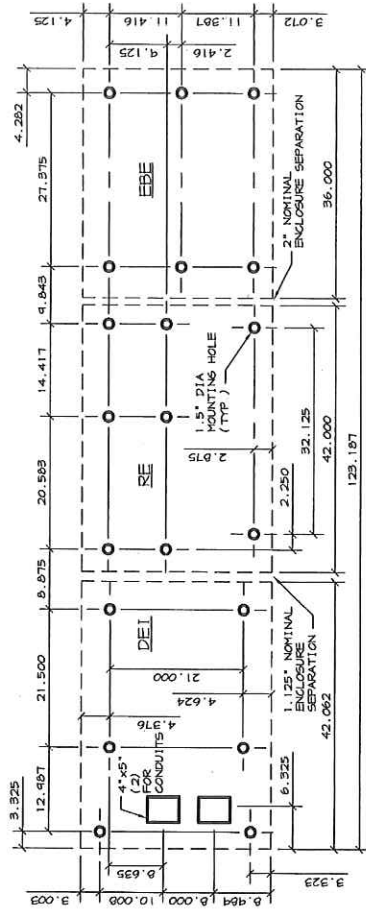
3001 LA FRENCH, SUITE 120
DALLAS, TEXAS 75234
TEL: (214) 733-4444
FAX: (214) 733-0782



DATE: 05/20/04	COPIES: 03/20/05
PROJECT NO: T04277	
DRAWN BY: TMC	
CHECKED BY: KWM	
CASCADE # H058XC335	
LEAGUE CITY WATER TOWER	
5123 1/2 CANDLEWOOD LEAGUE CITY, TX 77573 GALVESTON COUNTY	
SHEET TITLE ENLARGED SITE PLAN	
SHEET NUMBER C-2	

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1. EXISTING GROUND SURFACE UNDER DRIVEWAY AND LEASE AREA SHALL BE STRIPPED OF VEGETATION, TOPSOIL, AND ROOTS TO A MINIMUM DEPTH OF TWELVE INCHES TO REACH FIRM UNDISTURBED SOIL. THE EXISTING DRIVEWAY SHALL BE BROKEN UP AND DEBRIS REMOVED TO EXPOSE SOFT OR NEARLY ISOLATED AREAS. ALL DEBRIS AND SOFT MATERIALS SHALL BE THOROUGHLY CLEANED OUT TO THE SURFACE OF FIRM SOIL AND BACK FILLED WITH SELECT FILL. ALL CLEARING OPERATIONS SHALL BE ACCOMPLISHED DURING PERIODS OF DRY WEATHER ONLY.
2. ALL FILLING AND BACK FILLING MUST CONSIST OF SELECT GRANULAR MATERIAL, SUCH AS LOCALLY AVAILABLE SAND OR CLAYEY SAND, GRAVEL, OR CRUSHED STONE. ALL FILLING SHALL BE COMPACTED TO MEET MOOD, CLAY LUMPS AND OTHER DELETERIOUS MATERIALS WITH NOT MORE THAN 10% (BY WEIGHT) OF MATERIAL PASSING A U.S. STANDARD NO. 200 SIEVE (IF CLAYEY SAND IS USED, MATERIAL SHALL HAVE A FLUIDITY INDEX NO GREATER THAN 25 AND A PLASTICITY INDEX NO GREATER THAN 6).
3. ALL FILL SHOULD BE SPREAD IN LOOSE LIFTS OF 6 TO 8 INCHES AND OPTIMUM WATER CONTENT IN ACCORDANCE WITH ASTM D 680.
4. GEOTEXTILE FABRIC SHALL CONFORM TO SPECIFICATIONS CONTAINED IN THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, SECTION 704.01, LATEST EDITION, FOR CLASS C GEOTEXTILES. THE FABRIC SHOULD BE EXTENDED AT LEAST TWO FEET BEYOND THE EDGE OF THE AGGREGATE AND BE LAPPED AS PER MANUFACTURER'S RECOMMENDATIONS.
5. CRUSHED STONE SURFACED COURSE SHALL CORRELATE WITH THE MATERIAL REQUIREMENTS OF LATEST EDITION OF THE TSCSHEET. STONE SHALL BE CRUSHED TO MEET THE SPECIFICATIONS OF THE TSCSHEET IN ACCORDANCE WITH ASTM D 680 (STANDARD PROCTOR) AND SHALL BE COMPACTED TO OPTIMUM OR WITHIN 3 PERCENT ABOVE THE OPTIMUM.



SCALE: N.T.S.

SCALE: N.T.S.

NOTE: CONTRACTOR SHALL PROVIDE (1) HOISTING GRIP AT POD LEVEL FOR EACH COAX

NOTE: THERE SHALL BE NO WELDING IN ACCESS TUBE FOR COAX CABLE INSTALLATION

OSHA REQUIRED
CLEARANCE ARE MET

EXISTING LADDER
NEW MTS ACCESS TUBE
EXPANSION BRACKETS,
INSTALL 4'-0" O.C.
WT-EB42 (QUANTITY 14
EA.)

NOTE:
PROVIDE ADDITIONAL RING
FOR GROUND BAR MOUNTING,
BETWEEN FIRST TWO RINGS
AT TOP OF DRY RISER

NOTE: VERIFY ALL DRAIN
LOCATIONS AND ACCESS HATCHES
PRIOR TO INSTALLATION OF
CABLE BUNS.

NOTE: ORIENTATED PLACEMENT OF MOUNTING BRACKET ANGLED HARDWARE IN TANK DRY RISER TO ACHIEVE ALLOWED CLEARANCE BETWEEN LADDER.

NEW COAX CABLE WITH MTS COAX
CABLE SNAP-IN HANGERS MTS
#SH-U150 (COAX CABLE IS NOT
HELD BY HANGER AND SHALL BE
SUSPENDED FROM ABOVE WITH
GRIPS)

SCALE: N.T.S.

SCALE: N.T.S.

**COAX MOUNT TROUGH
ACCESS TUBE**

SCALE: N.T.S.

3

CAST IN PLACE CONCRETE NOTES:

1. CONTRACTOR TO VERIFY ALL DIMENSIONS PRIOR TO COMMENCING CONSTRUCTION.
2. ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS.
3. ALL REINFORCING STEEL SHALL BE NEW DOMESTIC DEFORSED BILLET STEEL CONFORMING TO ASTM A615, GRADE 60 OR NEW DOMESTIC RAIL STEEL CONFORMING TO ASTM A575, GRADE 60.
4. ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH LATEST BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE ACI 318.
5. ALL REINFORCING DETAILS SHALL CONFORM TO THE MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES ACI-315, UNLESS DETAILED OTHERWISE ON THE STRUCTURAL DRAWINGS.
6. CONTRACTOR SHALL PROVIDE SPACERS, CHAIRS, BOLSTERS, ETC., NECESSARY TO SUPPORT REINFORCING STEEL. SUPPORT ITEMS WHICH SPAN ON EXPOSED EARTH SHALL HAVE ENDS WHICH ARE PLASTIC OR STAINLESS STEEL.
7. MINIMUM CONCRETE COVER SHALL BE PROVIDED FOR REINFORCEMENT AS PER ACI-318.
8. CONCRETE MORE FOR FOUNDATION PILES SHALL CONFORM TO THE REQUIREMENTS OF THE SPECIFICATIONS FOR CONCRETE PILES AND TO THESE ADDITIONAL REQUIREMENTS, IN CASE OTHERWISE PERMITTED BY THE COMPANY. REINFORCEMENT SHALL BE PLACED IN THE PILE HOLDS THE SAME DAY THE SHAFTS ARE DRILLED.
9. CONCRETE SHALL NOT BE PLACED TO DROP FREELY MORE THAN 3 FEET. IN CASE TRIDES OR OTHER DEVICES SHALL BE USED THE USE OF ALUMINUM FORMS SHALL BE USED. CONCRETE SHALL NOT FLUX MORE THAN 5 FEET TO REACH ITS FINAL POSITION.

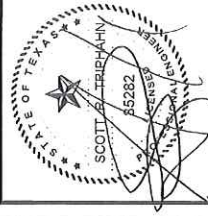
29 of 54

5030 RIVERSIDE DRIVE
SUITE 300
IRVING, TEXAS 75039

1	05/20/04	FOR CONSTRUCTION
A	05/03/04	PRELIMINARY

WT

**W-T COMMUNICATION
DESIGN GROUP LLC**
3001 LBJ FREEWAY, SUITE 129
DALLAS, TEXAS 75234
ph. (972) 739-0761
fax. (972) 739-0762



DATE: 05/20/04 03:44 PM

PROJECT NO: T04277

DRAWN BY: TMC

CHECKED BY: KWM

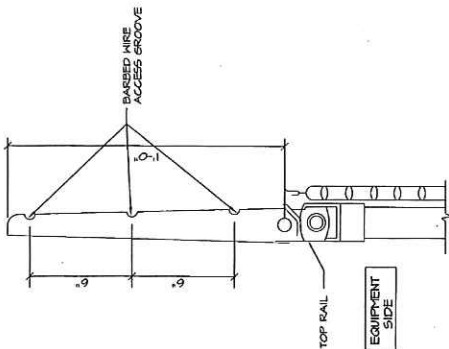
CASCADE # H058XC335

LEAGUE CITY
WATER TOWER

5123 1/2 CANDLEWOOD
LEAGUE CITY, TX 77573
GALVESTON COUNTY

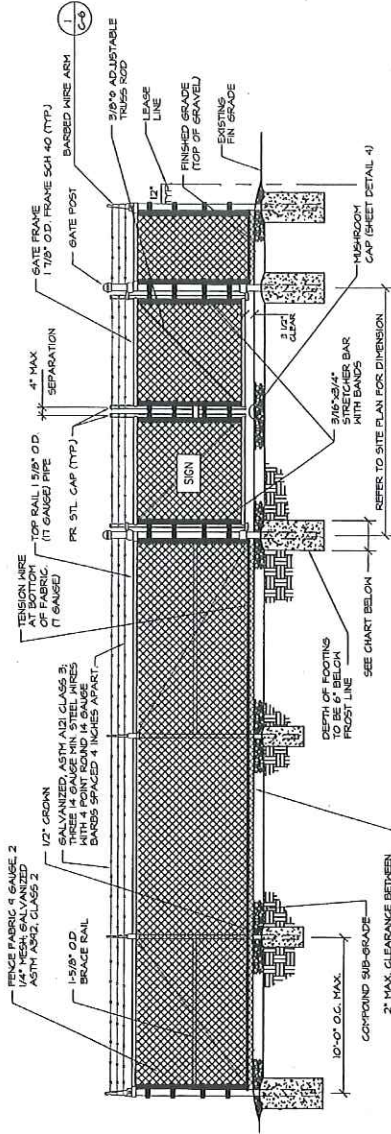
SHEET TITLE
CONSTRUCTION
DETAILS

SHEET NUMBER
C-6



**BARBED WIRE ARM
DETAIL (ARM OUT)**

SCALE: N.T.S.



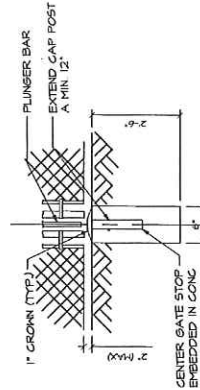
**TYPICAL FENCE AND DOUBLE
GATE DETAIL (W/BARBED WIRE)**

SCALE: N.T.S.

6' HIGH GATE AND FENCE	FOOTINGS	NOTES:
LINE POST -2 1/2" 16 GAUGE	12" X 36"	1 ALL MATERIALS TO BE HOT DIP GALVANIZED, ESPECIALLY GATE FRAME
CORNER POST -2 7/8" (5CH 40)	18" X 36"	
GATE POST -2 7/8" (5CH 40)	18" X 36"	

NOTES:

ALL MATERIALS TO
BE HOT DIP GALVANIZED,
ESPECIALLY GATE FRAME



MUSHROOM CAP DETAIL

SCALE: N.T.S.

NOT USED

SCALES - N T S

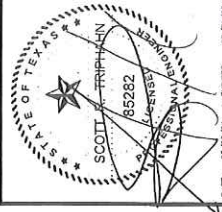
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SCALE: N.T.S.

1	6/20/04	FOR CONSTRUCTION
A	6/20/04	PRELIMINARY

W-T

**W-T COMMUNICATION
DESIGN GROUP, LLC**
200 LAB ROCKWAY, SUITE 125
DALLAS, TEXAS 75244
PH: (972) 728-0991
FX: (972) 728-0762



PROJECT NO: T04277

DRAWN BY: TMC

CHECKED BY: KWM

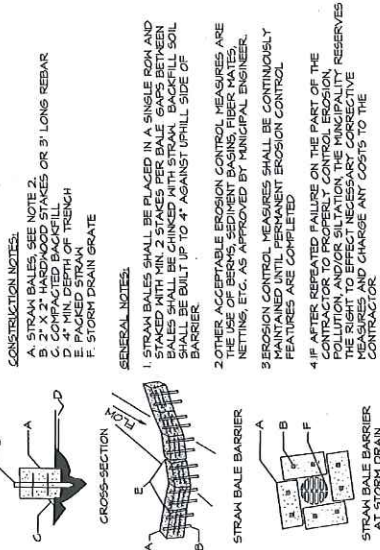
CASCADE # H058XC335
**LEAGUE CITY
WATER TOWER**

5123 1/2 CANDLEWOOD
LEAGUE CITY, TX 77573
GALVESTON COUNTY

SHEET TITLE
**CONSTRUCTION
DETAILS**

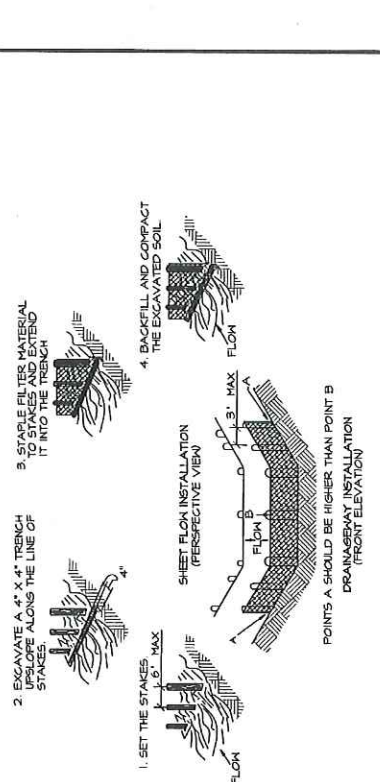
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C-7

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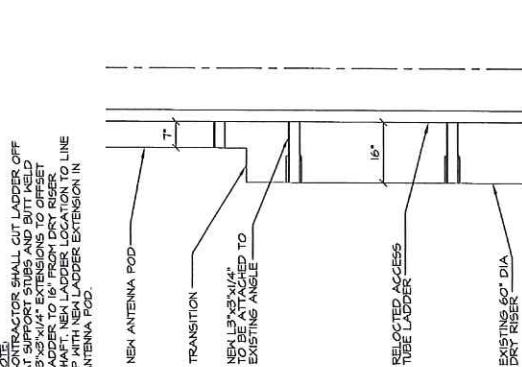
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EROSION HAY BALES
SCALE: N.T.S.

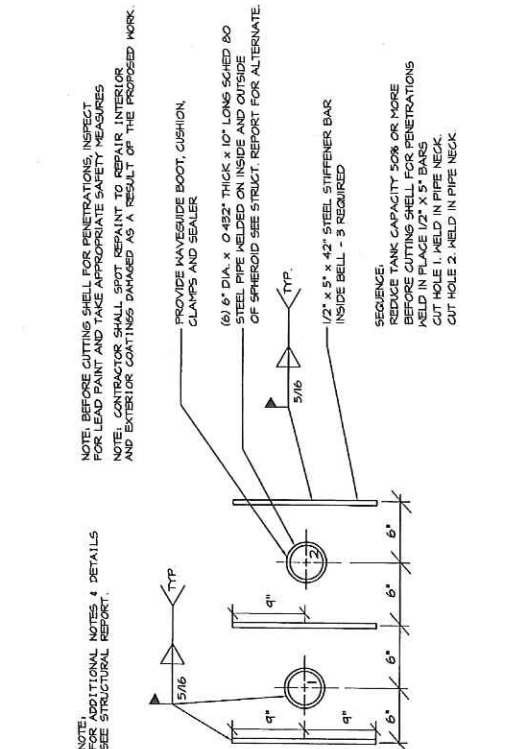


1

SILT FENCE
SCALE: N.T.S.



4
**DRY RISER
LADDER TRANSITION**
SCALE: N.T.S.



3

STIFFENER DETAIL
SCALE: N.T.S.

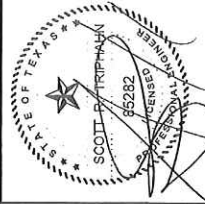


6030 RIVERSIDE DRIVE
SUITE 300
IRVING, TEXAS 75039

1	6/20/04	FOR CONSTRUCTION
A	6/23/04	PREPARED

W-T

**W-T COMMUNICATION
DESIGN GROUP, LLC**
3001 LAI BROWAY, SUITE 100
DALLAS, TEXAS 75234
PH: (214) 738-4761
FAX: (214) 738-0762



DATE: 05/20/04 DPHS: 03/20/05

PROJECT NO: T04277

DRAWN BY: TMC

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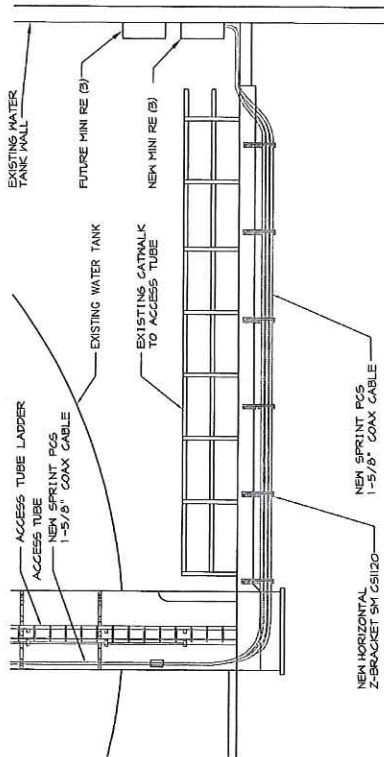
CASCADE # H058XC335
LEAGUE CITY
WATER TOWER

5123 1/2 CANDLEWOOD
LEAGUE CITY, TX 77573
GALVESTON COUNTY

SHEET TITLE
**COAX RUN
DETAILS**

SHEET NUMBER
C-8

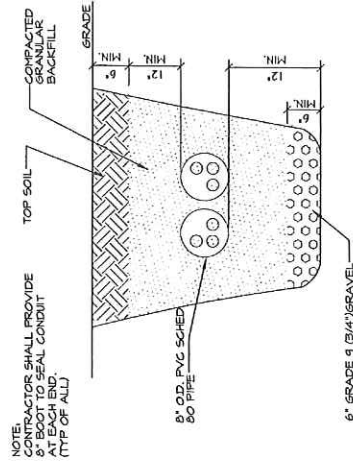
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1
PROFILE AT TOP PLATFORM
SCALE: NTS

2

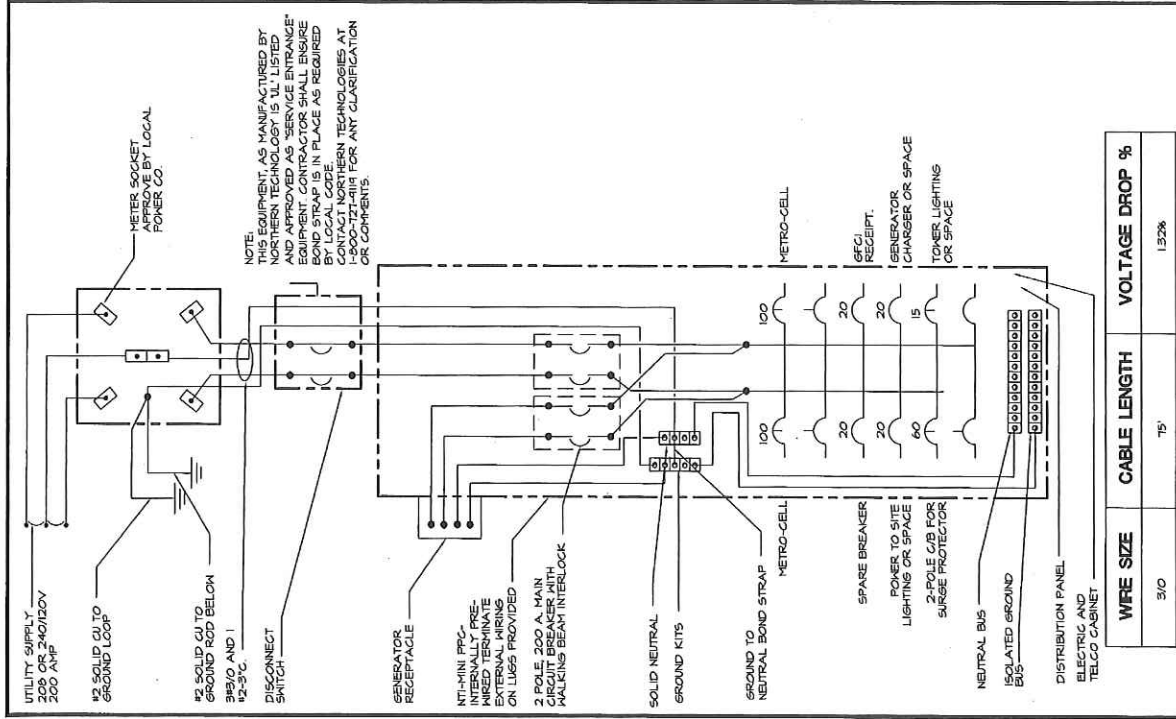
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SCALE: NTS



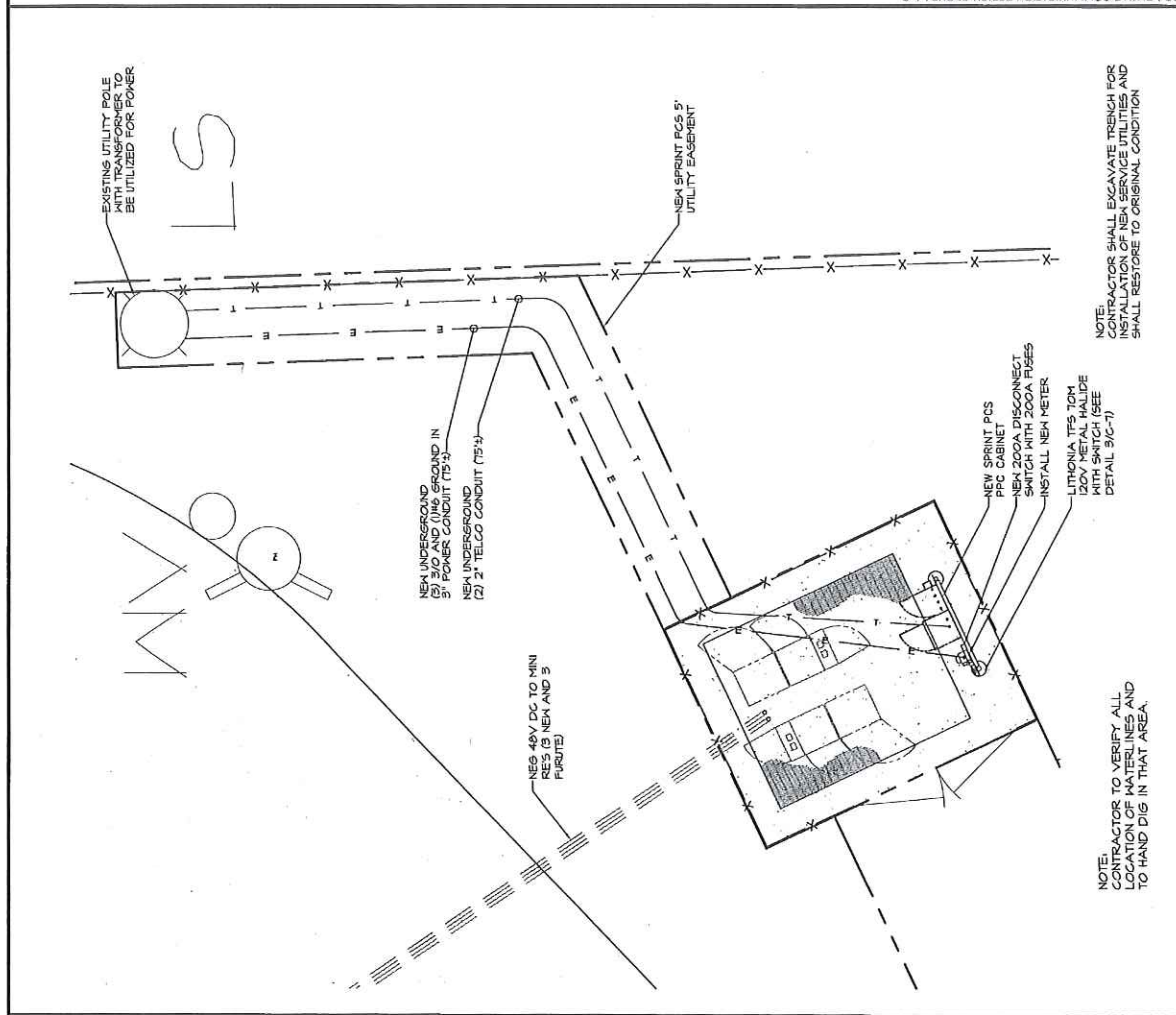
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CONDUIT TRENCH
SCALE: NTS

3

NOT USED
SCALE: NTS



POWER DIAGRAM
SCALE: N.T.S.



ELECTRICAL SITE PLAN
SCALE: 1" = 10'-0"

Sprint PCS

5030 RIVERSIDE DRIVE
SUITE 300
IRVING, TEXAS 75039

W-T

W-T COMMUNICATION
DESIGN GROUP LLC
3001 LBJ FREEWAY, SUITE 120
DALLAS, TEXAS 75234
PH (972) 730-0791
FAX (972) 730-0792

STATE OF TEXAS

SCOTT R. TRIPPIAN
89282

DATE: 05/20/04 CIPRCS: 03/27/02

PROJECT NO: T04277

DRAWN BY: TMC

CHECKED BY: KWM

CASCADE # H058XC335
LEAGUE CITY
WATER TOWER

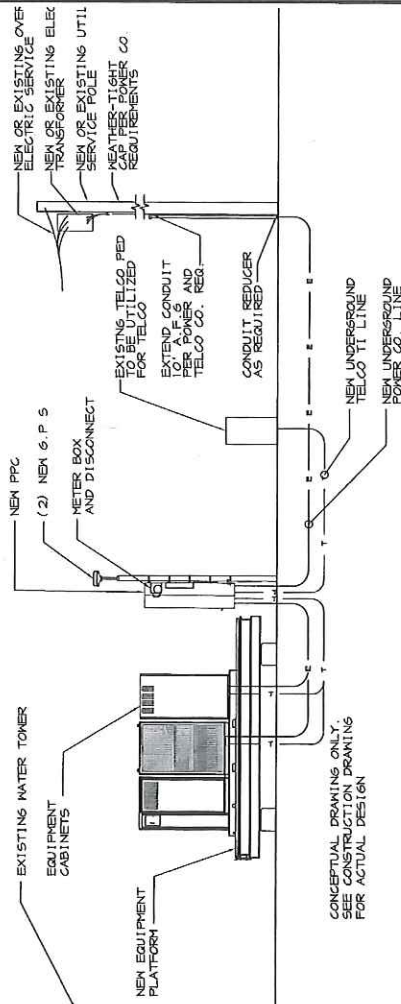
5123 1/2 CANDLEWOOD
LEAGUE CITY, TX 77573
GALVESTON COUNTY

SHEET TITLE
ELECTRICAL
SITE PLAN

SHEET NUMBER
E-1

COORDINATION WITH UTILITY COMPANY

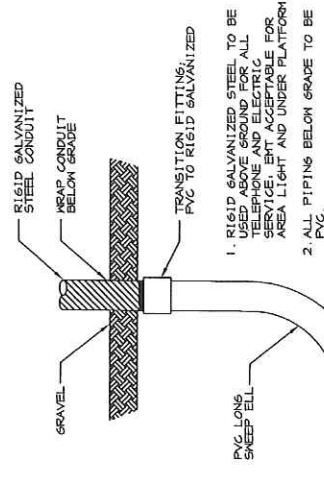
THE ELECTRICAL CONTRACTOR SHALL COORDINATE COMPLETE ELECTRICAL SERVICE WITH LOCAL UTILITY COMPANIES FOR A COMPLETE OPERATIONS SYSTEM, INCLUDING TRANSFORMER CONNECTIONS, CONCRETE TRANSFORMER PAD PRIOR TO SUBMITTING BID TO INCLUDE ALL LABOR AND MATERIALS



ELECTRIC AND TELEPHONE RISER

SCALE: N.T.S.

1

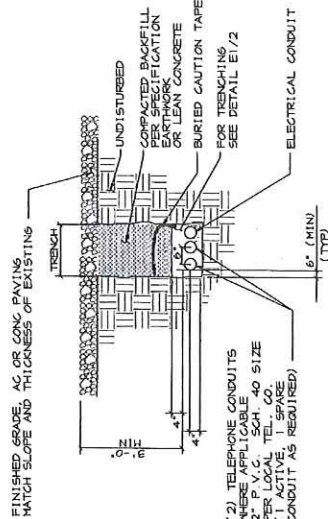


CONDUIT DETAIL

SCALE: N.T.S.

2

PULL BOXES INSTALLED PER LOCAL UTILITY REQUIREMENT



ELEC/TELCO TRENCH

SCALE: N.T.S.

3

ELECTRICAL NOTES:

- ALL ELECTRICAL WORK SHALL BE IN STRICT CONFORMANCE WITH THE NATIONAL ELECTRICAL CODE.
- ALL ELECTRICAL MATERIALS AND EQUIPMENT SHALL BE U.L. APPROVED.
- ALL WIRING SHALL BE COPPER.
- MINIMUM WIRE SIZE SHALL BE # 12 AWG.
- ALL CONDUITS SHALL BE IDENTIFIED AT ALL TERMINATIONS, JUNCTION BOXES AND FITTINGS.
- COORDINATE LOCATION AND POWER REQUIREMENTS OF ALL EQUIPMENT WITH EQUIPMENT SUPPLIERS PRIOR TO INSTALLATION.
- ALL POWER WIRING SHALL BE TYPE "THHN" RATED 90° C.
- TWO FLOOD LIGHT CIRCUITS SHALL BE (2) #12 AND #12 GND IN MINIMUM 9/4" CONDUIT. CONDUIT SHALL BE RIGID CONDUIT OR 1/2" RIGID PVC. RACEWAYS SHALL BE USED FOR ALL WIRING. CONDUIT SHALL BE RIGID CONDUIT OR 1/2" RIGID PVC. CONDUIT SHALL BE RUN UNDER EQUIPMENT PLATFORM OR UNDERGROUND IF IT MAY BE A TRIPPING HAZARD.
- CONTRACTOR TO OBTAIN ALL PERMITS, PAY PERMIT FEES, AND BE RESPONSIBLE FOR SCHEDULING INSPECTIONS.
- CONTRACTOR TO OBTAIN LOCAL POWER AND TELEPHONE COMPANY APPROVAL AND COORDINATE WITH UTILITY COMPANIES SERVICE ENTRANCE REQUIREMENTS.
- PROVIDE ALL LABOR AND MATERIAL DESCRIBED ON THIS DRAWING, AND ALL ITEMS INCIDENTAL TO COMPLETING AND PRESENTING THIS PROJECT AS FULLY OPERATIONAL.
- CONTRACTOR TO PROVIDE TELEPHONE CONDUIT AS SHOWN ON PLANS.
- CONTRACTOR TO PROVIDE ELECTRIC CONDUIT AS SHOWN ON PLANS.
- NOTIFY LOCAL UTILITY SERVICE PRIOR TO ANY INSTALLATION.
- ALL EQUIPMENT FURNISHED BY OTHERS SHALL BE PROVIDED WITH PROPER MOTOR STARTERS, DISCONNECTS, CONTROLS, ETC. BY THE ELECTRICAL CONTRACTOR UNLESS SPECIFICALLY NOTED OTHERWISE. THE ELECTRICAL CONTRACTOR SHALL INSTALL AND LABEL ALL WIRING AND EQUIPMENT IN ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS. THE CONTRACTOR SHALL VERIFY AND COORDINATE ELECTRICAL CHARACTERISTICS AND REQUIREMENTS OF EQUIPMENT PRIOR TO ROUGH-IN OF CONDUIT AND WIRING TO AVOID CONFLICTS, WHERE APPLICABLE.
- ELECTRICAL COMPANY COORDINATION: ELECTRICAL CONTRACTOR SHALL CONFIRM THAT ALL WORK IS IN ACCORDANCE WITH THE RULES OF THE LOCAL UTILITY COMPANY BEFORE SUBMITTING HIS BID. THE CONTRACTOR SHALL CHECK WITH THE UTILITY COMPANIES SUPPLYING ELECTRICITY AND TELEPHONE SERVICE TO DETERMINE ANY SPECIAL REQUIREMENTS FOR EQUIPMENT AND CHARGES WHICH THEY WILL REQUIRE AND SHALL INCLUDE THE COST IN HIS BID.

CONDUITS AND WIRING:

- WIRING OF EVERY KIND MUST BE INSTALLED IN CONDUIT, UNLESS NOTED OTHERWISE, OR AS APPROVED BY THE ENGINEER.
- WIRING AND CABLES FOR POWER SHALL BE INSTALLED IN GALVANIZED RIGID STEEL CONDUIT OR FLEXIBLE LIQUID TIGHT CONDUIT AS INDICATED ON DRAWINGS.
- RACEWAYS SHALL BE GALVANIZED STEEL, SIZED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE UNLESS OTHERWISE NOTED. ALL RACEWAYS SHALL BE APPROVED FOR THE INSTALLATION.
- PULL OR JUNCTION BOXES SHALL BE PROVIDED AS REQUIRED TO FACILITATE INSTALLATION OF RACEWAYS AND WIRING.
- PROVIDE A COMPLETE RACEWAY AND WIRING INSTALLATION, PERMANENTLY AND EFFECTIVELY GROUNDING IN ACCORDANCE WITH ARTICLE 250 OF THE NATIONAL ELECTRICAL CODE AND LOCAL CODES.
- CONTRACTOR SHALL INSTALL CONDUIT AND WIRE TO THE EQUIPMENT. GND WIRE, SEAL CONDUIT AND WIRE ENDS FROM MOISTURE INFILTRATION. LEAVE ENOUGH WIRE TO TERMINATE AT EQUIPMENT. (MINIMUM OF 10 FEET)
- CONDUIT ENTRIES INTO OUTDOOR EQUIPMENT SHALL BE FROM BOTTOM.

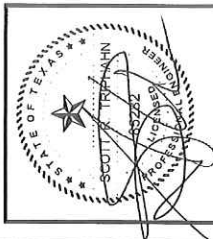
Sprint PCS

5030 RIVERSIDE DRIVE
SUITE 300
IRVING, TEXAS 75039

1	05/20/04	FOR CONSTRUCTION
A	05/20/04	PRELIMINARY

W-T

**W-T COMMUNICATIONS
DESIGN GROUP LLC**
3001 LOU FREEMAN, SUITE 120
DALLAS, TEXAS 75224
PH: (972) 739-0093
FX: (972) 739-0092

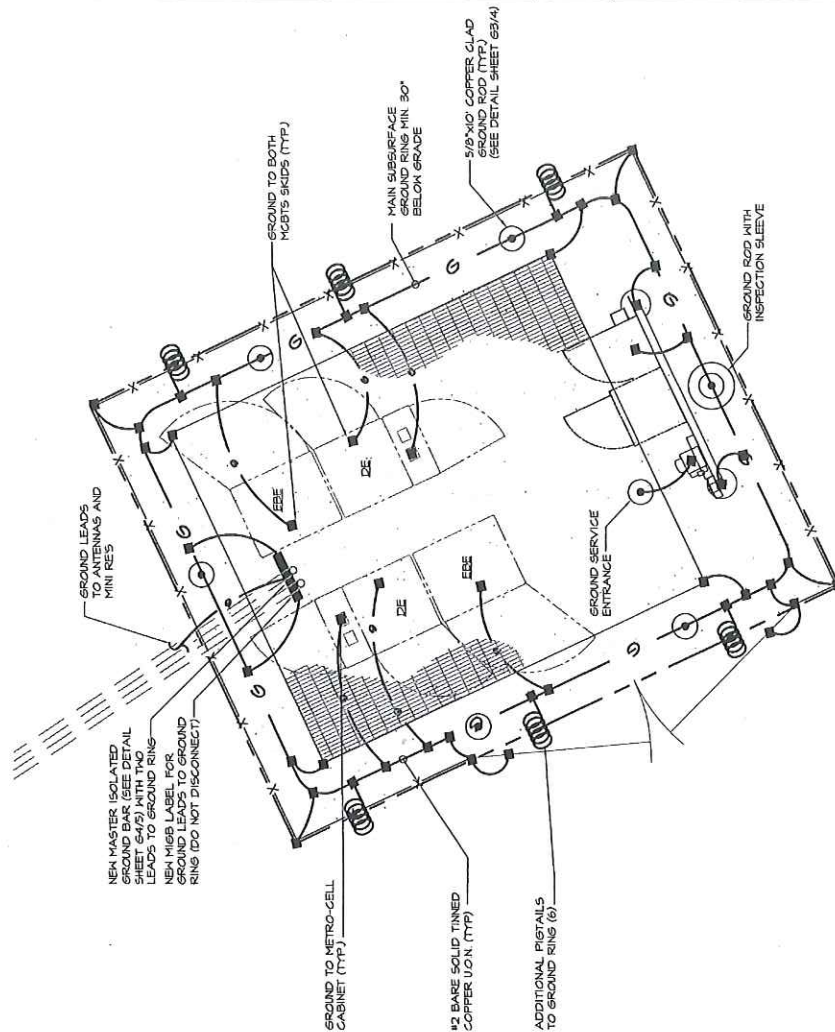


DATE: 05/20/04	DATE: 02/20/03
PROJECT NO: T04277	
DRAWN BY: TMC	
CHECKED BY: KWM	
CASCADE # H058XC335 LEAGUE CITY WATER TOWER 5123 1/2 CANDLEWOOD LEAGUE CITY, TX 77573 GALVESTON COUNTY	
SHEET TITLE	
ELECTRIC/TELCO RISER AND DETAILS	
SHEET NUMBER	
E-2	

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GROUNDING NOTES:

1. GROUNDING CONNECTIONS SHALL BE EXOTHERMIC WELDS TO ANTENNA MASTS, AND THE GROUND BARS.
2. REMAINING GROUNDING CONNECTIONS SHALL BE COMPRESSION FITTINGS.
3. GROUND CONNECTIONS TO EQUIPMENT SHALL BE MADE USING THRU-HOLE CONNECTIONS PROVIDE STAINLESS STEEL BOLTS AND LOCK WASHERS ON ALL MECHANICAL GROUND CONDUCTORS. USE LONG-BARREL LUG TYPE OR EQUIVALENT.
4. EQUIPMENT SURFACES TO BE BONDED TO GROUNDING SYSTEM SHALL BE STRIPPED OF ALL PAINT AND DIRT.
5. EXTERIOR GROUND CONNECTIONS SHALL BE FURNISHED WITH A LIBERAL PROTECTIVE COATING OF ANTI-OXIDE COMPOUND.
6. ALL EXOTHERMIC WELDS SHALL BE CADWELDED OR APPROVED EQUAL.
7. ALL CABLE TRAY AND MAYSIDE SECTIONS TO BE GROUND TOGETHER BY JUMPERS. BOND EACH SECTION OF CABLE TRAY AND MAYSIDE TO THE GROUNDING CONDUCTOR WITH JUMPERS.
8. GROUNDING CONDUCTOR SHALL BE BURIED 30" BELOW GRADE UNTIL AN ABOVE GRADE CONNECTION IS MADE.
9. GROUND BARS SHALL BE NEWTON INSTRUMENT CAT. #0081-4 OR EQUAL. MOUNTING BRACKETS SHALL BE NEWTON INSTRUMENT CAT. #A-6036 OR EQUAL.
10. ADD LABEL "DO NOT REMOVE GROUND LEADS" AT EACH GROUND BAR.
11. INSTALL ALL ABOVE GRADE GROUND LEADS IN NONMETALLIC FLEXIBLE CONDUIT.
12. GROUNDING SHALL COMPLY WITH ARTICLE 250 OF THE NATIONAL ELECTRICAL CODE.
13. GROUND COAXIAL CABLE SHIELDS AT BOTH ENDS WITH COAX CABLE GROUNDING KITS AND INSTALL GROUND KIT AT EACH CONNECTION.
14. ROUTE GROUNDING CONDUCTORS ALONG THE SHORTEST AND STRAIGHTEST PATH POSSIBLE, EXCEPT AS OTHERWISE INDICATED. GROUNDING LEADS SHOULD NEVER BE BENT AT RIGHT ANGLE. ALWAYS MAKE AT LEAST 12" RADIUS BENDS. #6 WIRE CAN BE BENT AT 8" RADIUS WHEN NECESSARY.
15. CONTRACTOR TO PROVIDE GROUND RING AS SHOWN ON GROUNDING SITE PLAN AND GROUNDING RISER DIAGRAM. CONTRACTOR SHALL TEST AND VERIFY THAT THE IMPEDANCE DOES NOT EXCEED 5 OHMS TO GROUND BY MEANS OF BIDDER'S MEGGER. AFTER GROUNDING AND OTHER OPERATIONAL TESTING SHALL BE ATTESTED BY THE OWNER'S REPRESENTATIVE.
16. GROUNDING CONDUCTORS SHALL BE COPPER ONLY. ABOVE GROUND EITHER SOLID OR THREADED COPPER RODS SHALL BE USED. ALL GROUNDING CONDUCTORS (WITH THE EXCEPTION FOR GROUND WIRE BETWEEN THE TOP AND THE BOTTOM OF THE TOWER) MUST BE BARE. EQUIPMENT GROUND LEADS IN CABLE TRAYS MUST BE GREEN INSULATED.
17. ALL EXOTHERMIC WELDS ABOVE FINISHED GRADE SHALL BE PAINTED WITH COLD GALVANIZED ZINC ENRICHED PAINT TO MATCH COLOR OF OBJECT BONDED TO.
18. THE FENCE GATE JUMPER SHALL BE A 4/0 WELDING CABLE OR A FLEXIBLE 1 INCH COPPER BRAIDED JUMPER WITH SLEEVES ON EACH END DESIGNED FOR EXOTHERMIC WELDING.



GROUNDING PLAN

1

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

Sprint PCS
5030 RIVERSIDE DRIVE
SUITE 300
IRVING, TEXAS 75039

1 05/20/04 FOR CONSTRUCTION
1 05/20/04 PRELIMINARY

W-T

**W-T COMMUNICATION
DESIGN GROUP LLC**
3001 DAI FREWAY, SUITE 122
DALLAS, TEXAS 75234
P: (972) 728-7100
F: (972) 728-7102



DATE: 05/20/04 CORREV: 05/20/05

PROJECT NO: T04277

DRAWN BY: TMC

CHECKED BY: KWM

CASCADE # H058XC335
**LEAGUE CITY
WATER TOWER**

5123 1/2 CANDLEWOOD
LEAGUE CITY, TX 77573
GALVESTON COUNTY

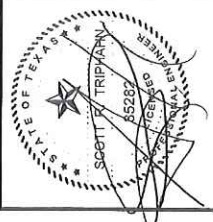
SHEET TITLE
GROUNDING PLAN

SHEET NUMBER
G-1

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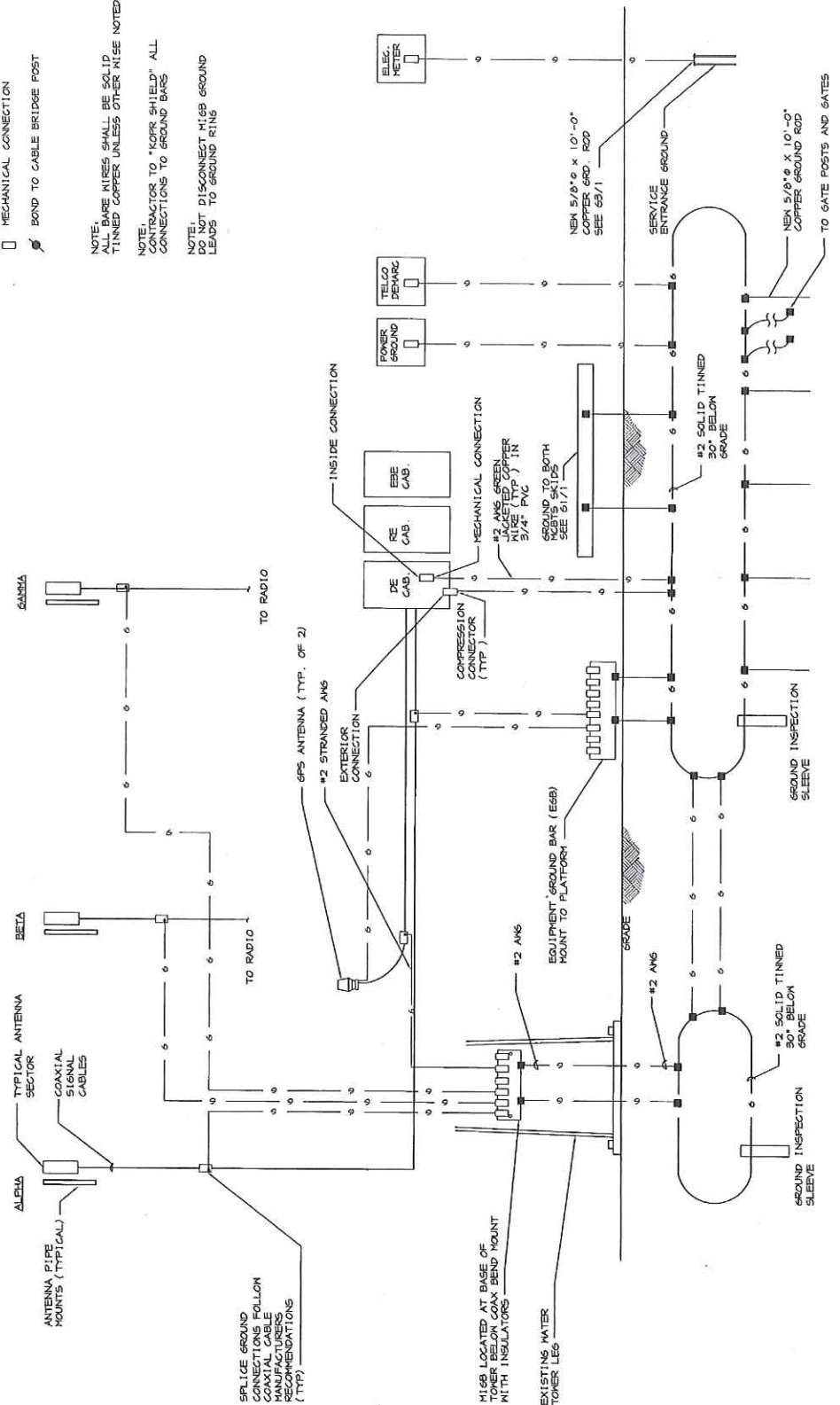
1	05/20/04	FOR CONSTRUCTION
A	05/20/04	PRELIMINARY

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W-T COMMUNICATION
DESIGN GROUP LLC
3001 LM FREEWAY, SUITE 129
DALLAS, TEXAS 75234
TEL: (972) 733-5752
FAX: (972) 733-5752




DATE: 05/20/04, BY: TMC, CHECKED BY: KWM
PROJECT NO: T04277
DRAWN BY: TMC
CASCAD # H058XC335
LEAGUE CITY
WATER TOWER
5123 1/2 CANDLEWOOD
LEAGUE CITY, TX 77573
GALVESTON COUNTY
SHEET TITLE
GROUNDING RISER
DIAGRAM
SHEET NUMBER
G-2

- GROUND KIT
 - EXOTHERMIC WELDS
 - COMPRESSION CONNECTION
 - MECHANICAL CONNECTION
 - BOND TO CABLE BRIDGE POST
- NOTE: ALL BARE WIRES SHALL BE SOLID
ALL TINNED COPPER UNLESS OTHERWISE NOTED.
- NOTE: CONTRACTOR TO "KOPR SHIELD" ALL
CONNECTIONS TO GROUND BARS
- NOTE: DISCONNECT #188 GROUND
LEADS TO GROUND RING



GROUNDING RISER DIAGRAM
SCALE: NTS

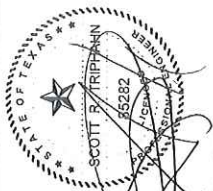


5030 RIVERSIDE DRIVE
SUITE 300
IRVING, TEXAS 75039

NO.	DESCRIPTION	QUANTITY
1	GROUND ROD	1
2	GROUND ROD	1
3	GROUND ROD	1

W-T

W-T COMMUNICATIONS
DESIGN GROUP, LLC
3001 181 FREEMAN, SUITE 120
DALLAS, TEXAS 75234
PH: (972) 720-0700
FAX: (972) 720-0702



DATE: 05/20/04 EXPIRES: 03/20/05

PROJECT NO: T04277

DRAWN BY: TMC

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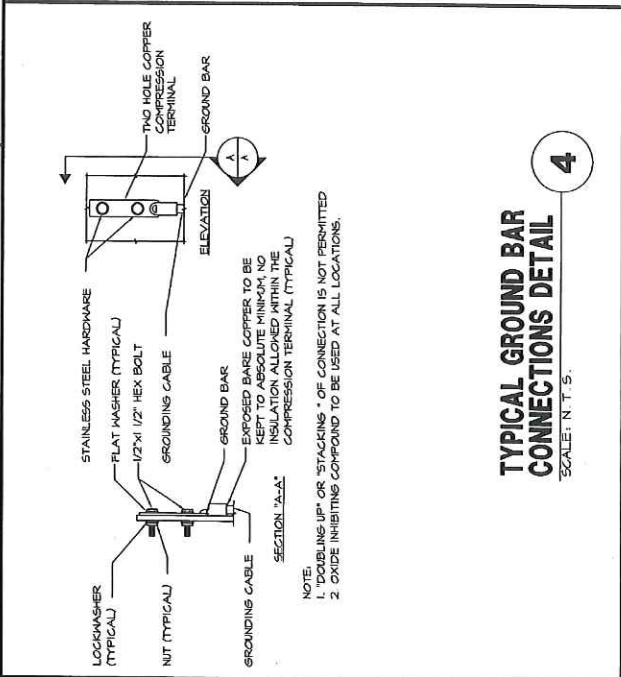
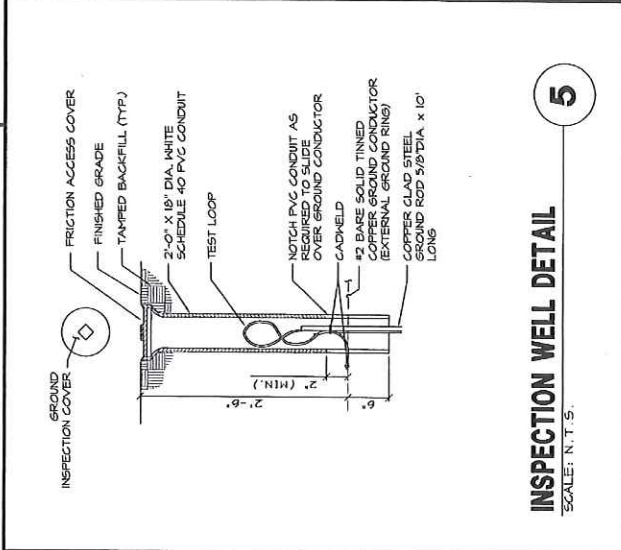
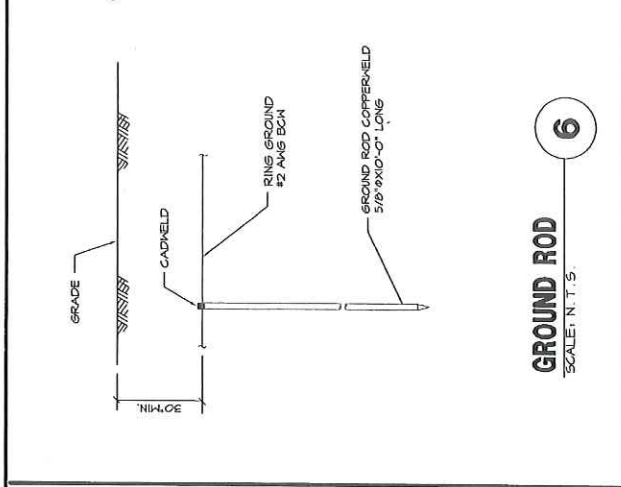
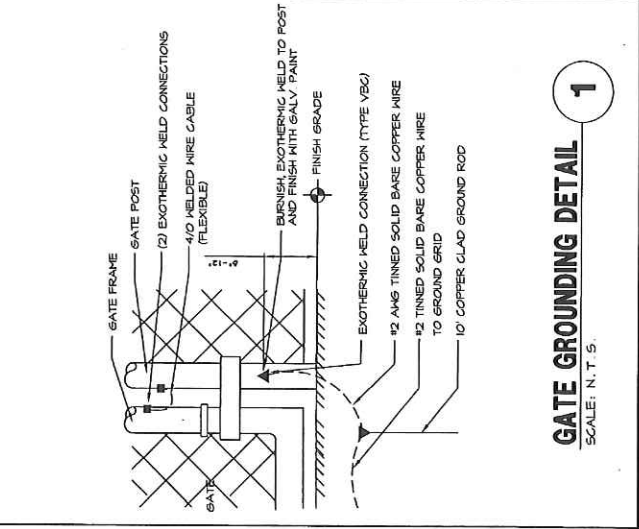
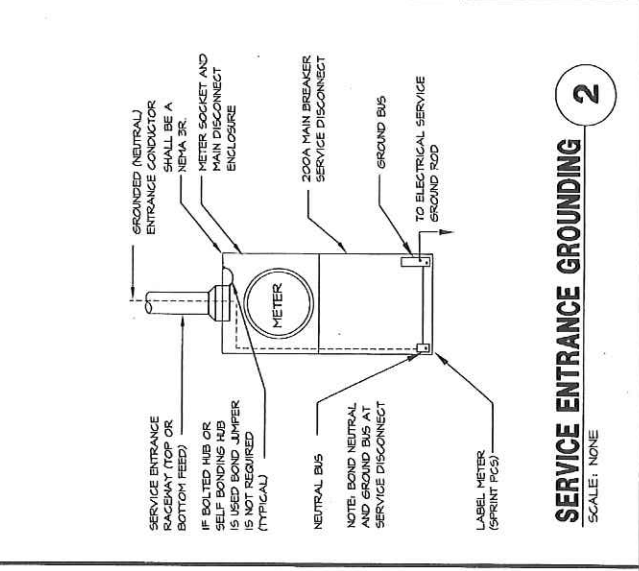
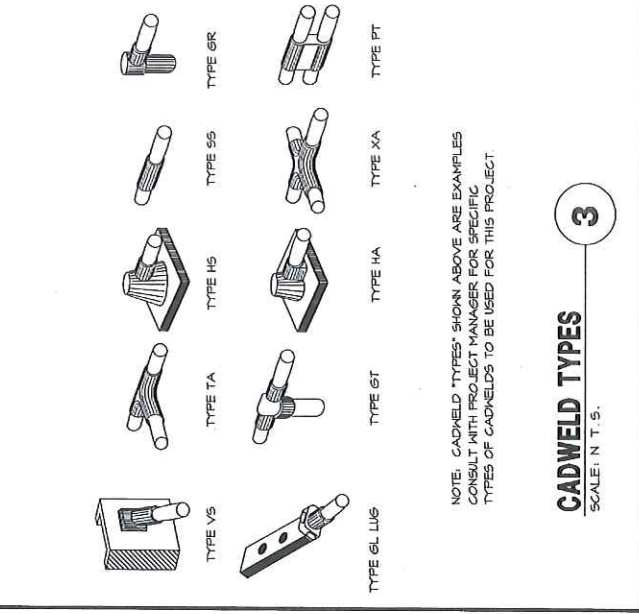
CASCADE # H058XC335
LEAGUE CITY
WATER TOWER

5123 1/2 CANDLEWOOD
LEAGUE CITY, TX 77573
GALVESTON COUNTY

SHEET TITLE
SITE GROUNDING
DETAILS

SHEET NUMBER
G-3

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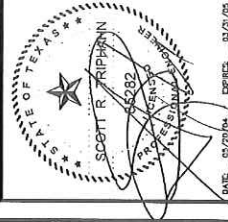


5030 RIVERSIDE DRIVE
SUITE 300
IRVING, TEXAS 75039

1	CS2004	CS CONSTRUCTION			
1	CS3004	PRELIMINARY			

W-T

W-T COMMUNICATION
DESIGN GROUP LLC
3001 LM FREWAY, SUITE 120
DALLAS, TEXAS 75224
TEL: (972) 739-0762
FAX: (972) 739-0762



DATE: 02/20/04 EXPIRES: 02/20/05

PROJECT NO: T04277

DRAWN BY: TMC

CHECKED BY: KWM

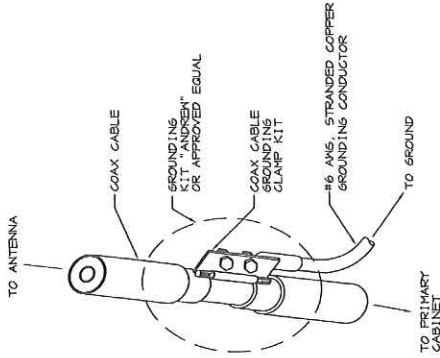
CASCADE # H058XC335
LEAGUE CITY
WATER TOWER

5123 1/2 CANDLEWOOD
LEAGUE CITY, TX 77573
GALVESTON COUNTY

SHEET TITLE
COAX CABLE
GROUNDING DETAILS

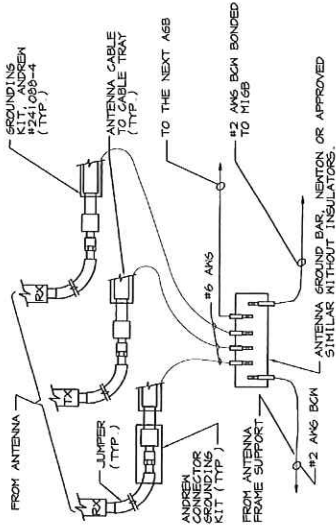
SHEET NUMBER
G-4

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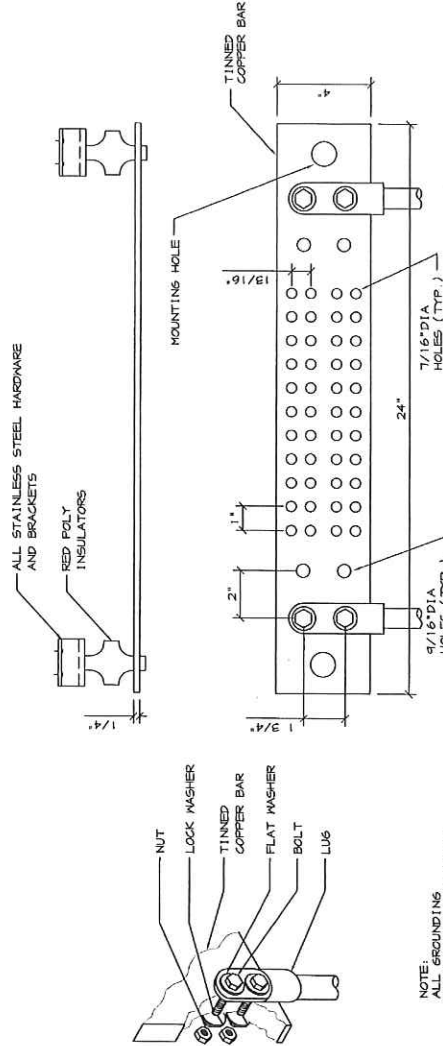
**COAX CABLE
GROUNDING DETAIL**
SCALE: N.T.S.

3



**GROUND WIRE CONNECTION TO
GROUND BAR AT 3 ANTENNAS**
SCALE: N.T.S.

2



GROUND BAR DETAIL
SCALE: N.T.S.

5

NOTE:
ALL GROUNDING
CONNECTIONS
TO BE LOCK-SHIELD

NOT USED
SCALE: N.T.S.

1

NOT USED
SCALE: N.T.S.

4

Sprint PCS

6030 RIVERSIDE DRIVE
SUITE 300
IRVING, TEXAS 75039

1	05/20/04	FOR CONSTRUCTION
2	05/20/04	REVISION

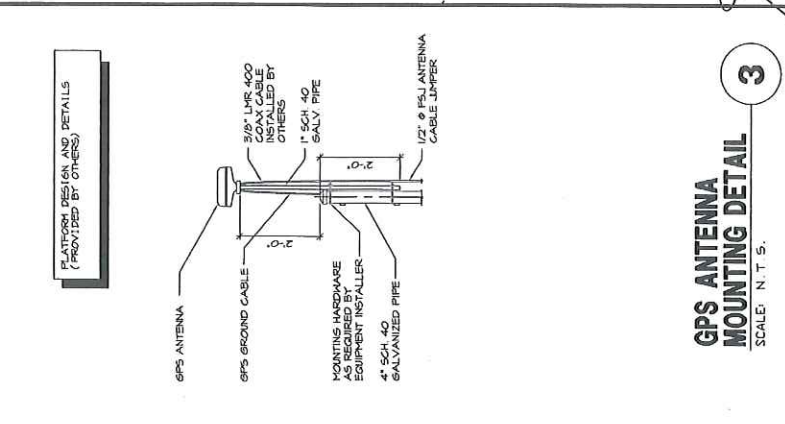
W-T

W.T. COMMUNICATION
DESIGN GROUP LLC
3001 LBJ FREEWAY, SUITE 120
DALLAS, TEXAS 75234
(972) 723-6752
FAX (972) 723-6752

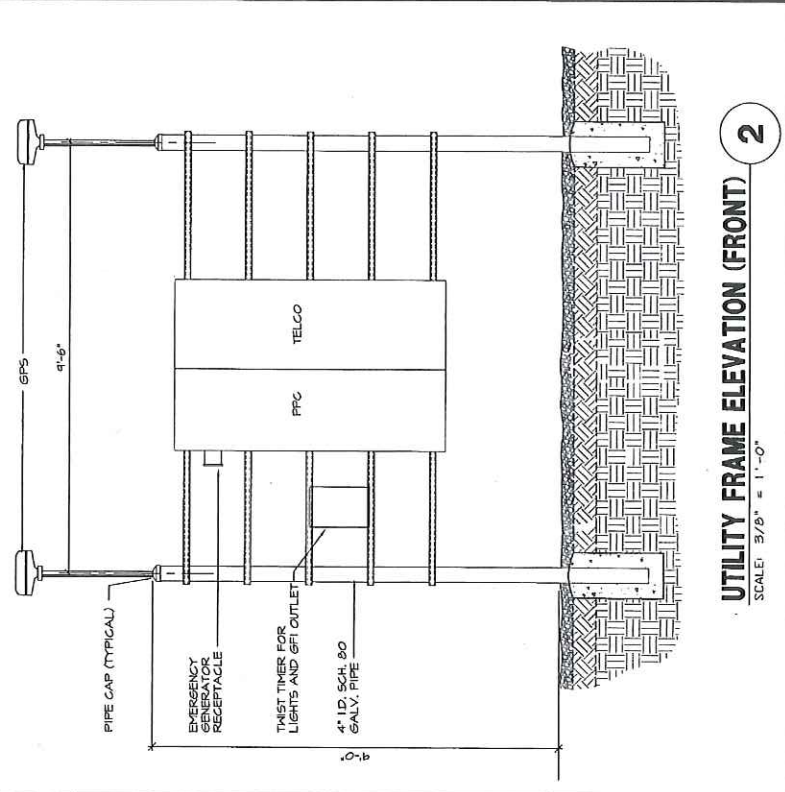
STATE OF TEXAS
COUNTY OF DALLAS
CITY OF DALLAS
WATER TOWER
LEAGUE CITY, TX 77573

DATE: 05/20/04 EXP: 05/20/04
PROJECT NO: T04277
DRAWN BY: TMC
CHECKED BY: KWM
CASCADE # H058XC335
LEAGUE CITY
WATER TOWER
5123 1/2 CANDLEWOOD
LEAGUE CITY, TX 77573
GALVESTON COUNTY

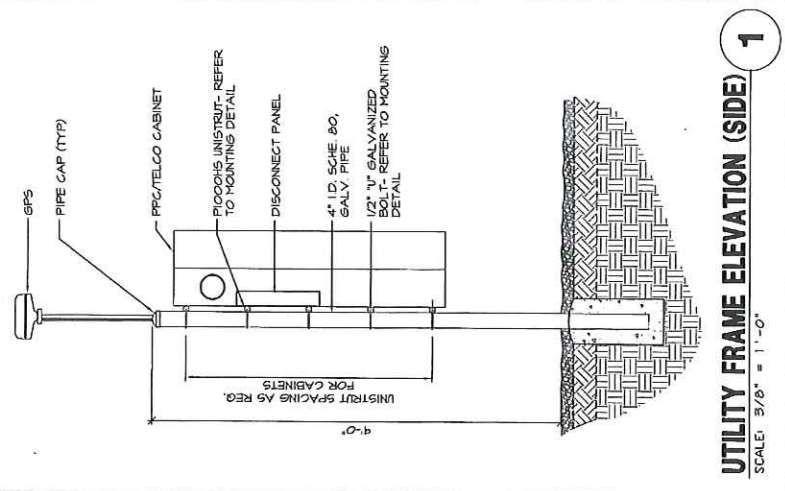
SHEET TITLE	UTILITY RACK
SHEET NUMBER	D-1



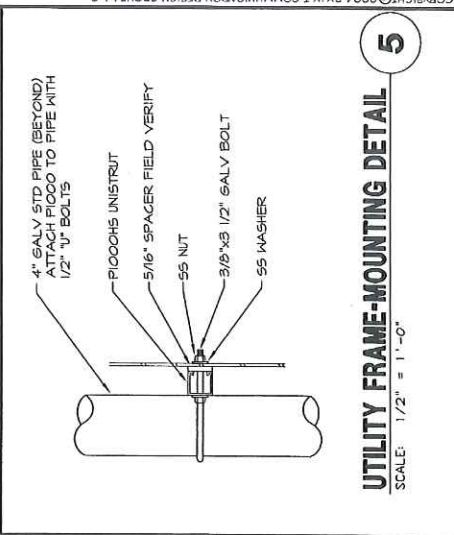
GPS ANTENNA MOUNTING DETAIL 3
SCALE: N.T.S.



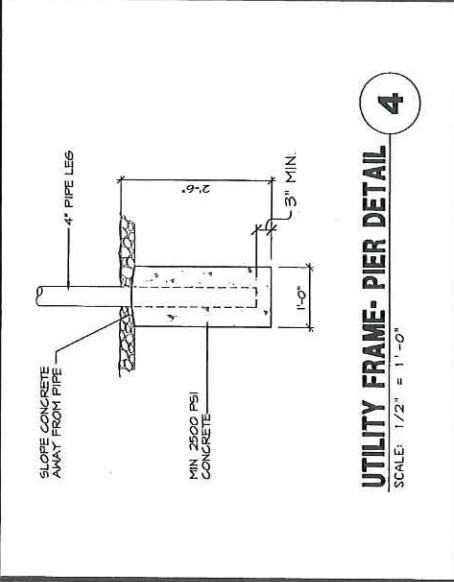
UTILITY FRAME ELEVATION (FRONT) 2
SCALE: 3/8" = 1'-0"



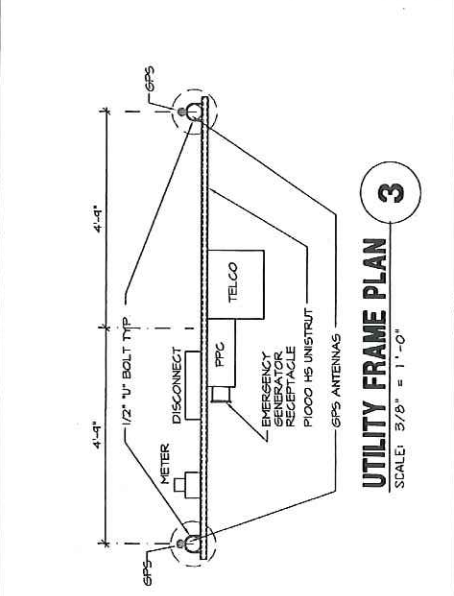
UTILITY FRAME ELEVATION (SIDE) 1
SCALE: 3/8" = 1'-0"



UTILITY FRAME-MOUNTING DETAIL 5
SCALE: 1/2" = 1'-0"



UTILITY FRAME-PIER DETAIL 4
SCALE: 1/2" = 1'-0"

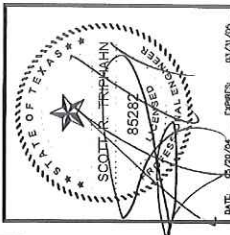


UTILITY FRAME PLAN 3
SCALE: 3/8" = 1'-0"

1	05/20/04	FOR CONSTRUCTION
2	05/03/04	PERMITS

W-T

**W-T COMMUNICATIONS
DESIGN GROUP, LLC**
3009 LBJ FREEWAY, SUITE 119
DALLAS, TEXAS 75224
TEL: (972) 720-0000
FAX: (972) 720-0002



DATE: 05/20/04 EXPIRES: 05/20/07
PROJECT NO: T04277

DRAWN BY: TMC

CHECKED BY: KWM

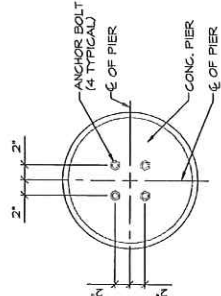
**CASCADE # HO58XC335
LEAGUE CITY
WATER TOWER**
5123 1/2 CANDLEWOOD
LEAGUE CITY, TX 77573
GALVESTON COUNTY

SHEET TITLE
FOUNDATION DETAILS

SHEET NUMBER
D-3

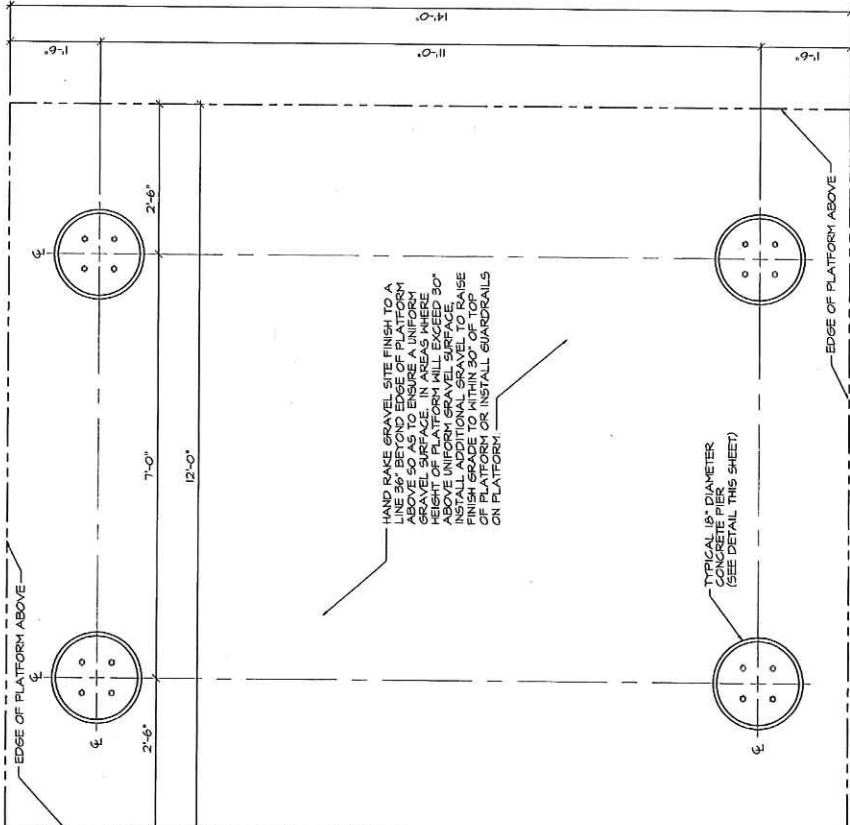
NOTES:

1. ALL STRUCTURAL STEEL SHAPES AND PLATES SHALL BE ASTM A-36 UNLESS NOTED OTHERWISE. ALL BOLTS SHALL BE BOLTED USING 3/4" DIAMETER ASTM A275 BOLTS.
2. ALL STEEL SHAPES SHALL BE FABRICATED AND THEN HOT DIP GALVANIZED.
3. GRATING SHALL BE 1" DEEP RECTANGULAR WELDED BAR GRATING WITH 3/16" WIDE BEARING BARS FABRICATED IN ACCORDANCE WITH INAMP GALVANIZED.
4. REFER TO SITE PLAN FOR PIER LOCATION AND ORIENTATION.
5. ELEVATION OF PLATFORM SHALL BE SITE SPECIFIC. HOWEVER, IN NO CASE SHALL THE DISTANCE BETWEEN TOP OF GRATING AND TOP OF GRADE EXCEED 2'-6" WITHOUT THE ADDITION OF GUARDRAILS.
6. PLATFORM AND PIERS HAVE NOT BEEN DESIGNED FOR SEISMIC LOADS. ENGINEERING MODIFICATIONS TO PLATFORM AND FOUNDATION SHALL BE REQUIRED IN AREAS WHERE SEISMIC LOADINGS IS REQUIRED.

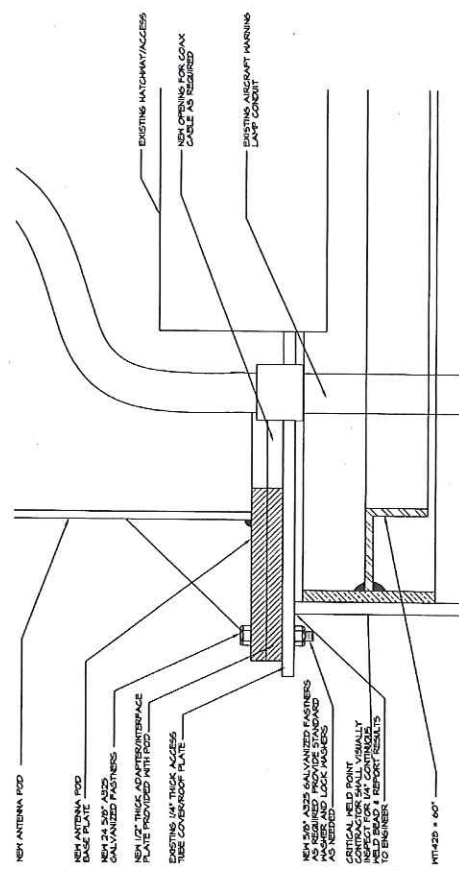


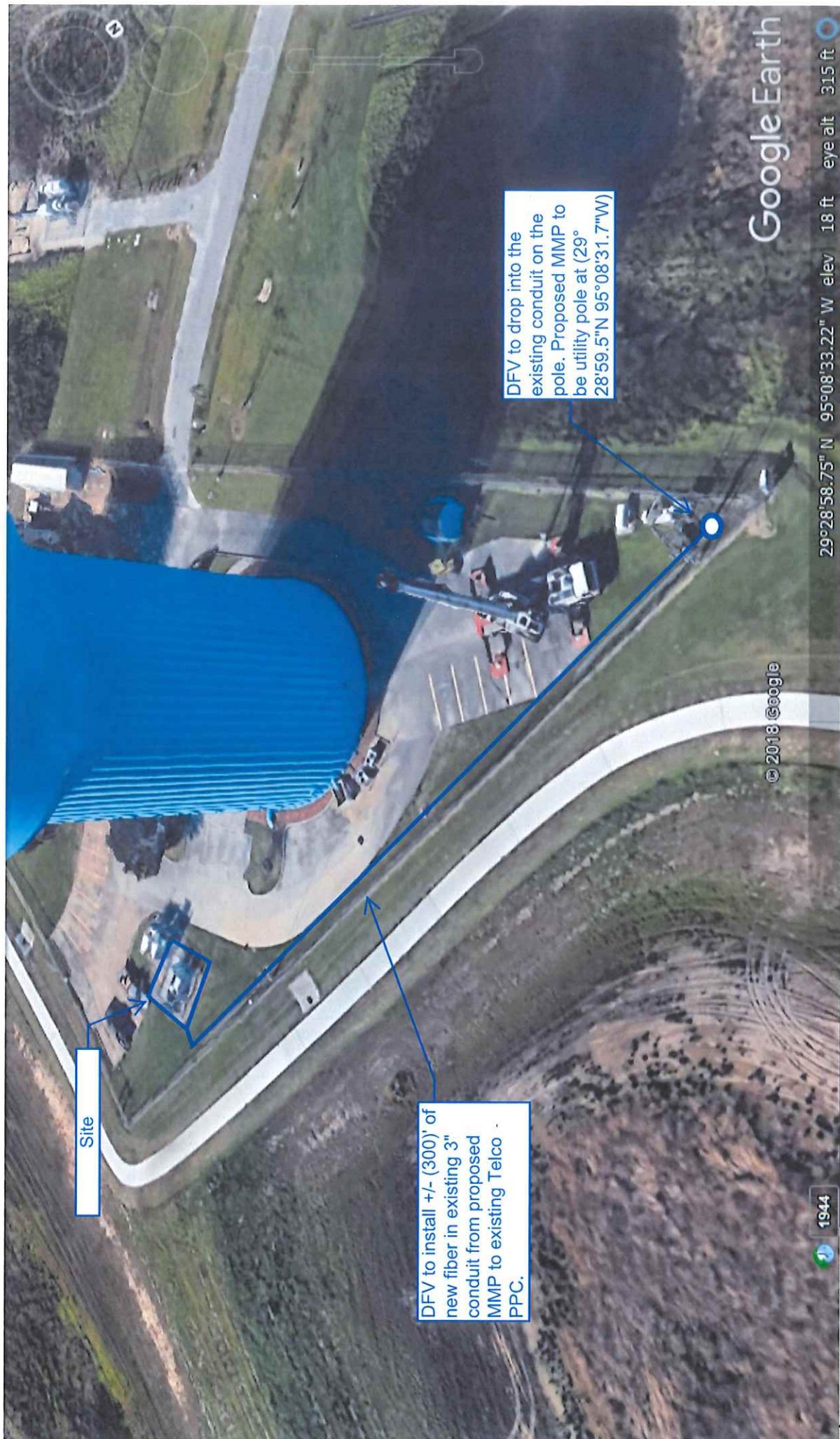
ANCHOR BOLT PLACEMENT
SCALE: 3/4" = 1'-0"

PLATFORM DESIGN AND DETAILS
(PROVIDED BY OTHERS)



PLATFORM LAYOUT
SCALE: 1/2" = 1'-0"





Site

DFV to install +/- (300)' of new fiber in existing 3" conduit from proposed MMP to existing Telco PPC.

DFV to drop into the existing conduit on the pole. Proposed MMP to be utility pole at (29° 28'59.5"N 95°08'31.7"W)

Google Earth

© 2013 Google

29°28'58.75" N 95°08'33.22" W elev 18 ft eye alt 315 ft

1944

PREPARED FOR:



6391 SPRINT PARKWAY
OVERLAND PARK, KS 66251-2650

SITE NAME:

LEAGUE CITY
COUNTRYSIDE WT

SITE NUMBER:

HO58XC335

SITE ADDRESS:
5123 1/2 CANDLEWOOD
LEAGUE CITY, TX 77573
GALVESTON COUNTY

ROLES & RESPONSIBILITIES:

Light Scope

SPRINT:

- None

FIELD SERVICES:

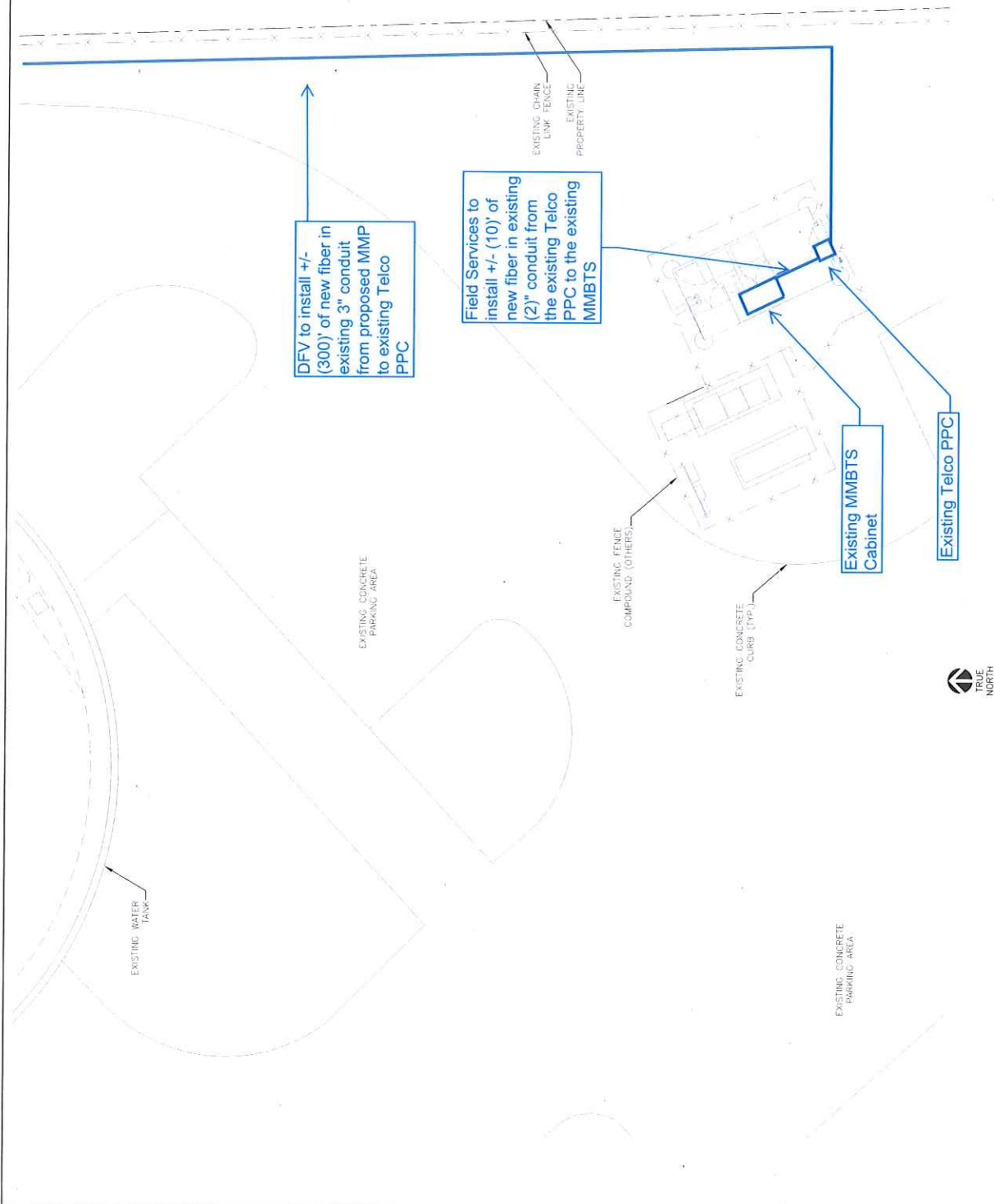
- Field Services to install FDP in existing Telco PPC
- Field Services to remove old/legacy equipment from existing Telco PPC
- Field Services to install +/- 10' of new fiber in existing "x" conduit from the (existing Telco PPC to the existing MMBTS

DARK FIBER VENDOR:

- DFV to drop into the existing conduit on the pole. Proposed MMP to be utility pole at (29° 28'59.5"N 95°08'31.7"W)
- DFV to install +/- (300)' of new fiber in existing 3" conduit from proposed MMP to existing Telco PPC.

CONDUIT OWNERSHIP NOTE:

- Per Sprint direction, because existing conduit is running directly from Sprint equipment to CMMP and Sprint is currently using existing conduit, Sprint retains continued rights to use the existing conduit







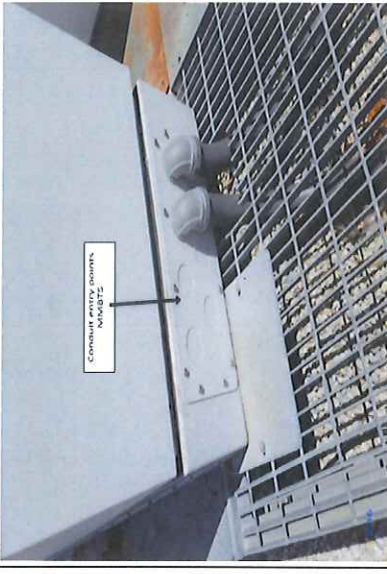


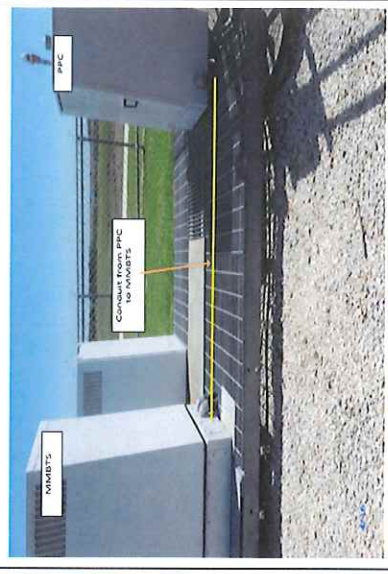
 <p>Proposed MMP</p>	<p>1</p>	<p>SCALE N.T.S.</p>	 <p>Telco PPC</p>	<p>2</p>	<p>SCALE N.T.S.</p>	 <p>MMBTS Cabinet</p>	<p>3</p>	<p>SCALE N.T.S.</p>
 <p>H-Frame</p>	<p>4</p>	<p>SCALE N.T.S.</p>	<p>N/A</p>	<p>5</p>	<p>SCALE N.T.S.</p>	 <p>Conduit Entry Point to MMBTS</p>	<p>6</p>	<p>SCALE N.T.S.</p>
 <p>MMP in Relation to Site</p>	<p>7</p>	<p>SCALE N.T.S.</p>	 <p>Site Overview</p>	<p>8</p>	<p>SCALE N.T.S.</p>	 <p>Conduit Path from Telco PPC to MMBTS</p>	<p>9</p>	<p>SCALE N.T.S.</p>

EXHIBIT “B”

MEMORANDUM OF AGREEMENT

(SEE ATTACHED)

**RECORDING REQUESTED BY AND
WHEN RECORDED MAIL TO:**

Sprint Contracts & Performance
Mailstop KSOPHT0101-Z2650
6391 Sprint Parkway
Overland Park, Kansas 66251-2650

[space above this line for Recorder's use]

MEMORANDUM OF LICENSE AGREEMENT

THIS MEMORANDUM OF LICENSE AGREEMENT ("Memorandum"), by and between the City of League City, Texas, a Texas home-rule city ("Owner") and SprintCom, Inc., a Kansas corporation ("SprintCom"), evidences the License Agreement made and entered into between Owner and SprintCom dated _____ (the "Agreement").

The Agreement provides in part that Owner leases to SprintCom certain real property owned by Owner and located at 5123 1/2 Candlewood, City of League City, County of Galveston, State of Texas ("Property") for the purpose of installing, operating and maintaining a communications facility and other improvements. The Property is legally described in Exhibit A attached hereto. The portion of the Property leased to SprintCom together with non-exclusive utility and access easements (the "Site") is further described in the Agreement.

The new term of SprintCom's lease and tenancy under the Agreement is sixty (60) months, commencing on April 15, 2019, and is subject to two (2) renewal terms of sixty (60) months each that may be exercised by SprintCom.

IN WITNESS WHEREOF, the parties have executed this Amended Memorandum as of the day and year indicated below.

Owner:
City of League City, Texas, a Texas home-rule city

SprintCom:
SprintCom, Inc., a Kansas corporation

By: _____

(please use blue ink)

Printed Name: _____

Title: _____

Date: _____

By: _____

Printed Name: Silvia J. Lin

Title: Manager, Real Estate

Date: _____

OWNER NOTARY BLOCK: (please use blue ink)

STATE OF _____

COUNTY OF _____

The foregoing instrument was (choose one) ☐ attested or ☐ acknowledged before me this _____
day of _____, 201____, by ☒ _____, as
_____ of the City of League City, Texas, a Texas home-rule city, on behalf of the
city.

(AFFIX NOTARIAL SEAL)

(OFFICIAL NOTARY SIGNATURE)
NOTARY PUBLIC STATE OF

My commission expires:

(PRINTED, TYPED OR STAMPED NAME OF
NOTARY)
COMMISSION NUMBER:

STATE OF KANSAS)
COUNTY OF JOHNSON) ss.

The foregoing instrument was acknowledged before me this _____ day of _____, 201____, by _____ on behalf of SprintCom, Inc., a Kansas corporation.

(OFFICIAL NOTARY SIGNATURE)
NOTARY PUBLIC STATE OF

(PRINTED, TYPED OR STAMPED NAME OF
NOTARY)

EXHIBIT A
TO MEMORANDUM OF LICENSE AGREEMENT

A parcel of land for the PCS within that certain 1.3501 acre tract of land known as Tract "A", or the "Elevated Storage Tank Site", owned by the City of League City, Texas and acquired through Eminent Domain Proceeding, in Galveston County, Texas;

Also known as a Abstract 9, Page 7 & 8, a portion of Lot 12 (12-1) Jensen Colony Subdivision, which has an address of 5123 1/2 Candlewood, League City, Texas.

NOT FOR EXECUTION