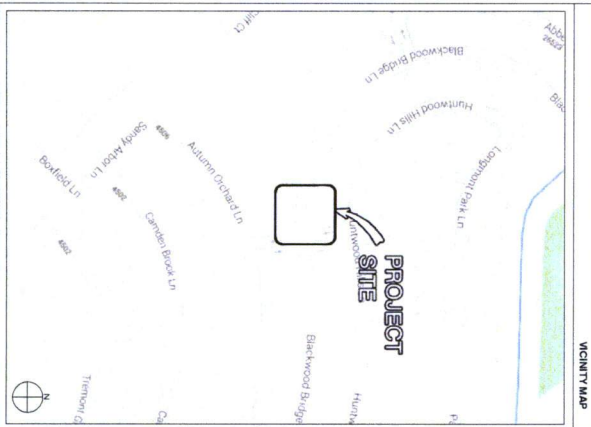




# CROWN CASTLE

**PROJECT NAME:** VERIZON - CINCO RANCH  
**PROJECT ADDRESS:** BLACKWOOD BRIDGE LN. & SHADY WALK LN.  
**PROJECT TYPE:** METAL SLIMLINE POLE  
**HUB AREA:** CINCO RANCH, TX  
**NODE #(s):** CCR-013-01  
**COORDINATES:** LAT: 29.724680, LONG: -95.812980



PROJECT TEAM	
<b>ARCHITECT</b>	<b>STRUCTURAL</b>
Company: SHIFT CONSULTING Address: 1200 AUSTIN AVE. HOUSTON, TX 77057 Phone Number: 409.246.4333 Fax Number: 409.246.4333 Contact: BRUCE POTTER	Company: CROWN CASTLE Address: 1200 AUSTIN AVE. HOUSTON, TX 77057 Phone Number: 409.246.4333 Fax Number: 409.246.4333 Contact: BRUCE POTTER
<b>PROJECT MANAGER</b>	<b>RF ENGINEER</b>
Company: CROWN CASTLE Address: 1200 AUSTIN AVE. HOUSTON, TX 77057 Phone Number: 409.246.4333 Fax Number: 409.246.4333 Contact: BRUCE POTTER	Company: CROWN CASTLE Address: 1200 AUSTIN AVE. HOUSTON, TX 77057 Phone Number: 409.246.4333 Fax Number: 409.246.4333 Contact: BRUCE POTTER

PROJECT SUMMARY	
<b>PROJECT NAME:</b> VERIZON - CINCO RANCH	<b>APPLICANT:</b> CROWN CASTLE
<b>PROJECT AREA:</b> CINCO RANCH, TX	<b>CONTRACT:</b> BRUCE POTTER
<b>DESCRIPTION:</b> METAL SLIMLINE POLE VERIZON - CINCO RANCH 1200 AUSTIN AVE. HOUSTON, TX 77057 CONTACT: BRUCE POTTER	<b>CODES:</b> 2009 INTERNATIONAL BUILDING CODE (IBC) 2009 INTERNATIONAL ENERGY CONSERVATION CODE (IECC) 2009 NATIONAL ELECTRICAL CODE (NEC) 2008 NATIONAL ELECTRICAL SAFETY CODE (NEESC)
<b>HANDICAPPED REQUIREMENTS:</b> FACILITY IS UNMANNED AND NOT FOR HANDICAPPED ACCESS REQUIREMENTS ARE NOT REQUIRED.	<b>PLUMBING REQUIREMENTS:</b> FACILITY HAS NO PLUMBING.
<b>ELECTRICITY REQUIREMENTS:</b> FACILITY HAS NO ELECTRICITY.	<b>POWER COMPANY:</b> CROWN CASTLE 1200 AUSTIN AVE. HOUSTON, TX 77057 CONTACT: BRUCE POTTER

Sheet #	Title	Page
1	11.1-Sheet Index	1
2	11.2-PROJECT AREA	2
3	11.3-PROJECT AREA	3
4	11.4-PROJECT AREA	4
5	11.5-PROJECT AREA	5
6	11.6-PROJECT AREA	6
7	11.7-PROJECT AREA	7
8	11.8-PROJECT AREA	8

RELEASE	
DATE	SUBMITTAL
11/28/13	1ST CITY SUBMITTAL
4/17/14	PERMIT SUBMITTAL

REVISIONS	
NO.	DATE
1	11/11/13
2	11/11/13
3	11/11/13
4	11/11/13
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100	11/11/13

PROJECT NAME	
VERIZON - CINCO RANCH	

NODE ADDRESS	
1200 AUSTIN AVE.	

NODE #	
CCR-013-01	

PROJECT ADDRESS	
BLACKWOOD BRIDGE LN. & SHADY WALK LN.	

HUB AREA	
CINCO RANCH, TX	

SHEET JOB NUMBER	
120603	

SHEET TITLE	
TITLE SHEET	


  

SHEET NUMBER	
11.1	1 OF 8

PROJECT SCALE	
1" = 20' (1:240)	

[illegible]



**CROWN CASTLE**  
1200 ALABAMA DR.  
FARMERSVILLE, TX 77936  
TEL: 409.348.4677

RECORD DRAWING ISSUE DATE: 4/7/14

RECORD DRAWING SHARING ONLY

**SHIFT**

SAIF Corporation, LLC  
1201 NORTH WILLOW AVE  
SCOTTSDALE, ARIZONA 85257  
TEL: 480.348.0111

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REVISIONS AND SYMBOLS	REVISION
— — — — —	REVISION
— — — — —	KEY NOTE
— — — — —	CENTRAL REFERENCE
— — — — —	ELEVATION REFERENCE
— — — — —	SECTION REFERENCE
— — — — —	ELEVATION MARKER
— — — — —	PHOTODISK REFERENCE
— — — — —	ANTENNA AZIMUTH
— — — — —	VIEW NUMBER
— — — — —	SHEET NUMBER
— — — — —	SHEET GROUP

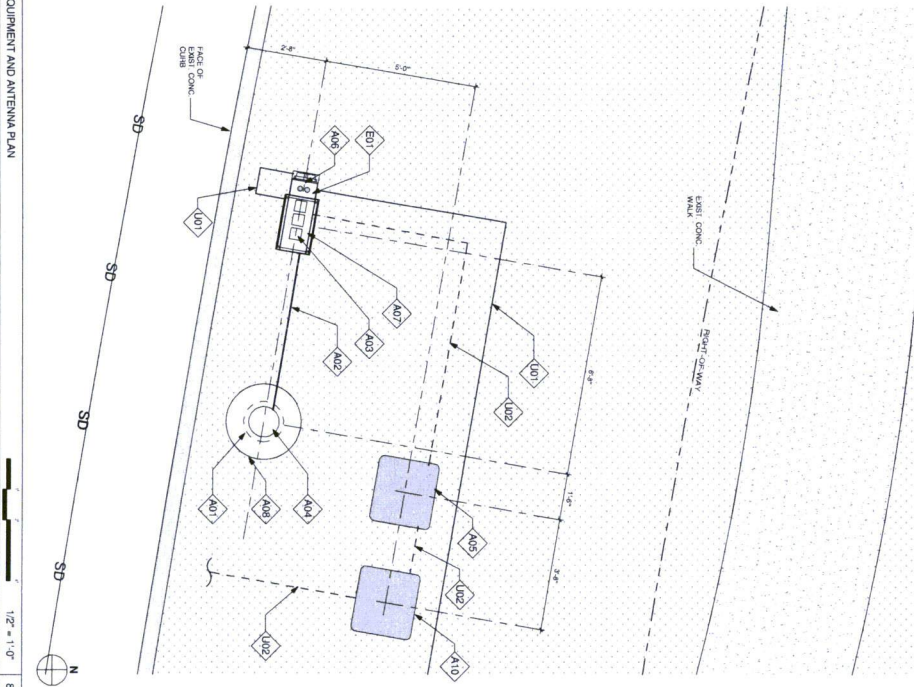
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DATE 11/28/13	<input checked="" type="checkbox"/>	191 CITY SUBMITTAL
4/7/14	<input type="checkbox"/>	PROJECT SUBMITTAL
<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	
<b>REVISIONS</b>		
NOL DATE	DATE	COMMENT
12/11/13		FIRE CONNECTION
4/7/14		POWER CONNECTION
<b>PROJECT NAME</b>		
<b>VERSION - CINCO RANCHO</b>		
<b>MODE ADDRESS</b>		
<b>NODE #:</b> CCR-013-01		
BLACKWOOD BRIDGE LN. & SHADY WALK LN.		
<b>HUB AREA</b>		
CINCO RANCHO, TX		
<b>SHEET / DATE NUMBER</b>	<b>IN HOUSE</b>	
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<b>SHEET TITLE</b>	<b>DRAWN BY:</b> SA	
	<b>CHECKED BY:</b> CM	
<b>GENERAL NOTES</b>		
ABBREVIATIONS AND SYMBOLS		
<b>SHEET NUMBER</b>	<b>PAGE</b>	
T1.2	2 OF 8	

DRAWN SCALE: 1" = 20' (SEE 12.8 TYP)

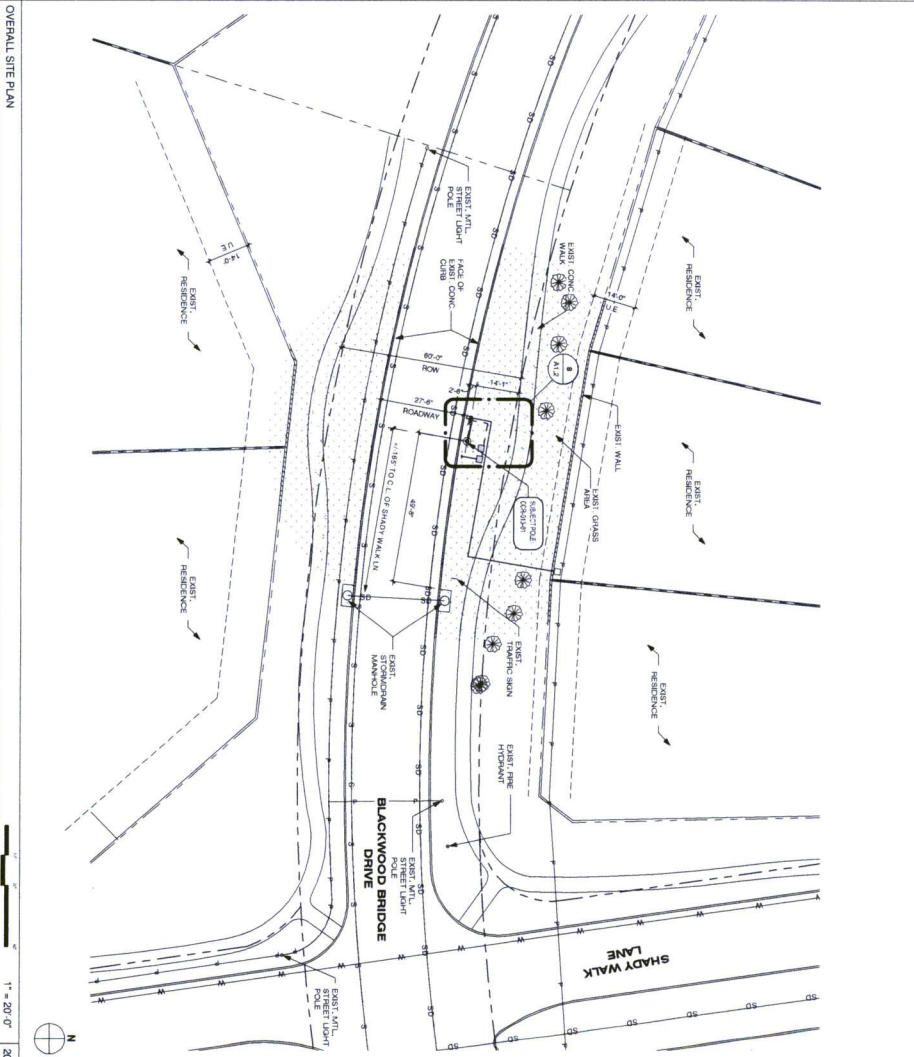




KEYNOTE	DESCRIPTION	DETAIL	KEYNOTE	DESCRIPTION	DETAIL
A01	PROPOSED CROWN CASTLE CABLE ANTENNA	SD-1	E01	PROPOSED POWER WITH DISTRIBUTION PANEL AND DISCONNECT ATTACHED TO EQUIP. CABINET	SD-1
A02	PROPOSED CROWN CASTLE UNDERGROUND COAX CABLE AT APPROXIMATE LOCATION (N.Y.)	SD-1			
A03	PROPOSED CROWN CASTLE UNDERGROUND COAX CABLE AT APPROXIMATE LOCATION (N.Y.)	SD-1			
A04	PROPOSED NEW / REPLACEMENT POLE	4A.1			
A05	PROPOSED CROWN CASTLE UNDERGROUND COAX CABLE AT APPROXIMATE LOCATION (N.Y.)	SD-1			
A06	PROPOSED CROWN CASTLE UNDERGROUND COAX CABLE AT APPROXIMATE LOCATION (N.Y.)	SD-1			
A07	PROPOSED CROWN CASTLE EQUIPMENT CABINET	1A.1			
A08	PROPOSED CROWN CASTLE EQUIPMENT CABINET	1A.1			
A09	PROPOSED CROWN CASTLE EQUIPMENT CABINET	1A.1			
A10	PROPOSED CROWN CASTLE EQUIPMENT CABINET	1A.1			
A11	PROPOSED CROWN CASTLE EQUIPMENT CABINET	1A.1			



KEYNOTE	DESCRIPTION	DETAIL
A01	PROPOSED CROWN CASTLE CABLE ANTENNA	SD-1
A02	PROPOSED CROWN CASTLE UNDERGROUND COAX CABLE AT APPROXIMATE LOCATION (N.Y.)	SD-1
A03	PROPOSED CROWN CASTLE UNDERGROUND COAX CABLE AT APPROXIMATE LOCATION (N.Y.)	SD-1
A04	PROPOSED NEW / REPLACEMENT POLE	4A.1
A05	PROPOSED CROWN CASTLE UNDERGROUND COAX CABLE AT APPROXIMATE LOCATION (N.Y.)	SD-1
A06	PROPOSED CROWN CASTLE UNDERGROUND COAX CABLE AT APPROXIMATE LOCATION (N.Y.)	SD-1
A07	PROPOSED CROWN CASTLE EQUIPMENT CABINET	1A.1
A08	PROPOSED CROWN CASTLE EQUIPMENT CABINET	1A.1
A09	PROPOSED CROWN CASTLE EQUIPMENT CABINET	1A.1
A10	PROPOSED CROWN CASTLE EQUIPMENT CABINET	1A.1
A11	PROPOSED CROWN CASTLE EQUIPMENT CABINET	1A.1



**CROWN CASTLE**

120603  
CHRYN B.V.  
CHECKED BY: CM

RECORD DRAWING ISSUE DATE: 4/17/14

RECORD DRAWING CHARTING ONLY

811

CALL BEFORE YOU DIG

1-800-545-6005

**SHIFT**

Shift Companies, LLC

120603

CHRYN B.V.

CHECKED BY: CM

PROJECT NAME: VERDON - CINCO RANCH

PROJECT ADDRESS: 120603

PROJECT ADDRESS: 120603

PROJECT ADDRESS: 120603

PROJECT ADDRESS: 120603

PROJECT ADDRESS: 120603

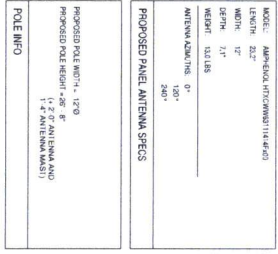
PROJECT ADDRESS: 120603

PROJECT ADDRESS: 120603

PROJECT ADDRESS: 120603

PROJECT ADDRESS: 120603



[illegible]

SCALE: 1/4" = 1'-0"	<b>20</b>
---------------------	-----------

**CROWN CASTLE**  
1220 AUGUSTA DR.,  
HOUSTON, TX 77067  
PH: 409.343.4401

RECORD DRAWINGS ISSUE DATE: 4.17.14

RECORD DRAWING DRAFTING ONLY

**Shift Companies, LLC**  
7333 E. MONTE VISTA ROAD  
SCOTTSDALE, ARIZONA 85257  
ph: 480.264.0829  
fax: 480.264.0163

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RELEASE		
DATE	SUBMITTAL	
11-28-13	1ST CITY SUBMITTAL	
4.17.14	PERMIT SUBMITTAL	

REVISIONS		
NO.	DATE	COMMENT
	12.11.13	PIPER COORDINATION
	4.17.14	POWER COORDINATION

**PROJECT NAME**  
**VERIZON - CINCO RANCH**

NODE #:CCR-013-01

BLACKWOOD BRIDGE  
LN. & SHADY WALK LN.

HUB AREA

CINCO RANCH, TX

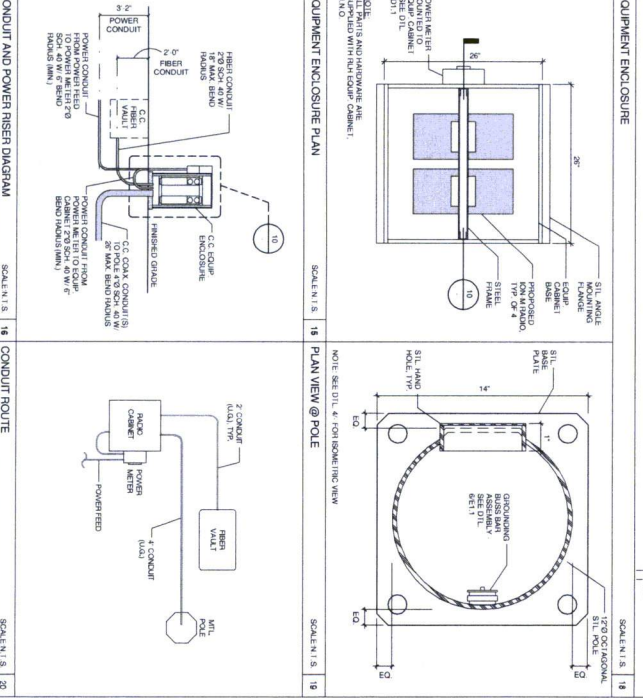
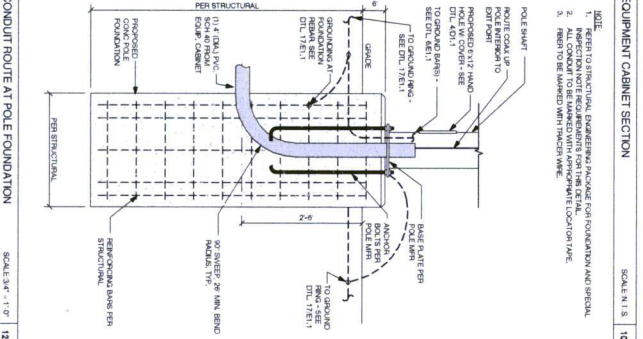
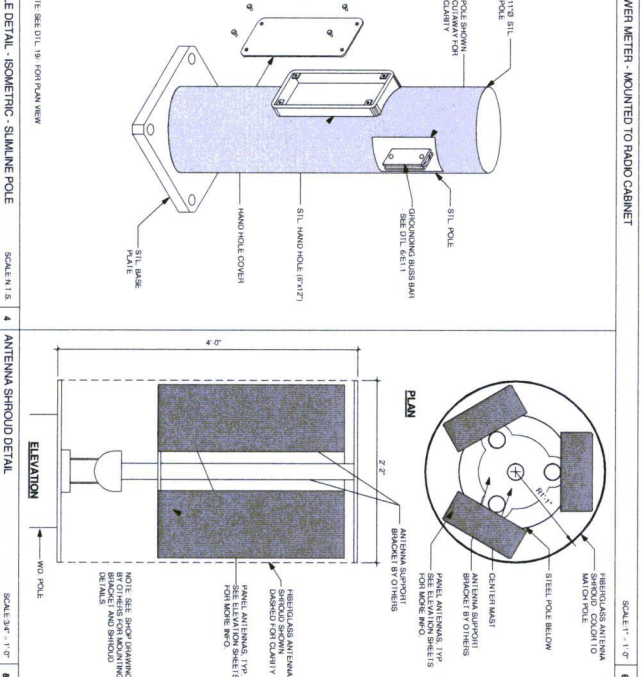
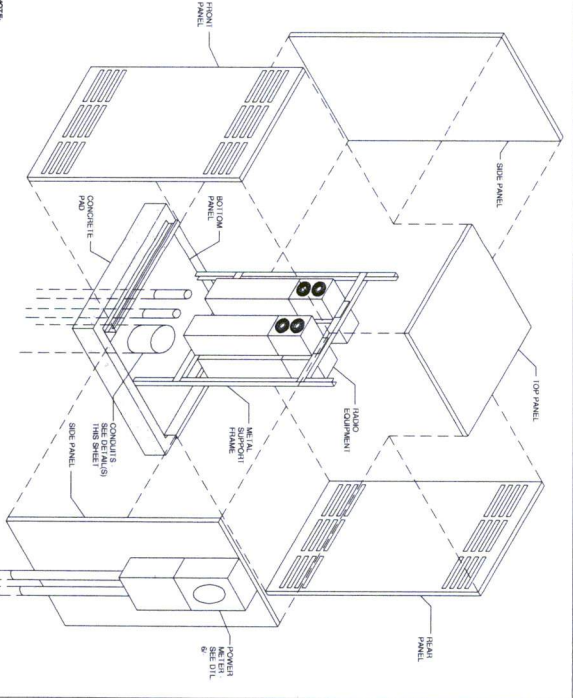
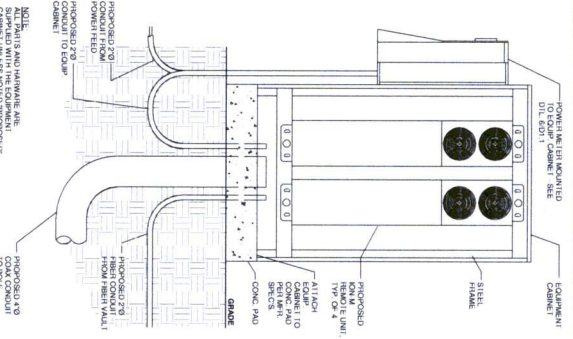
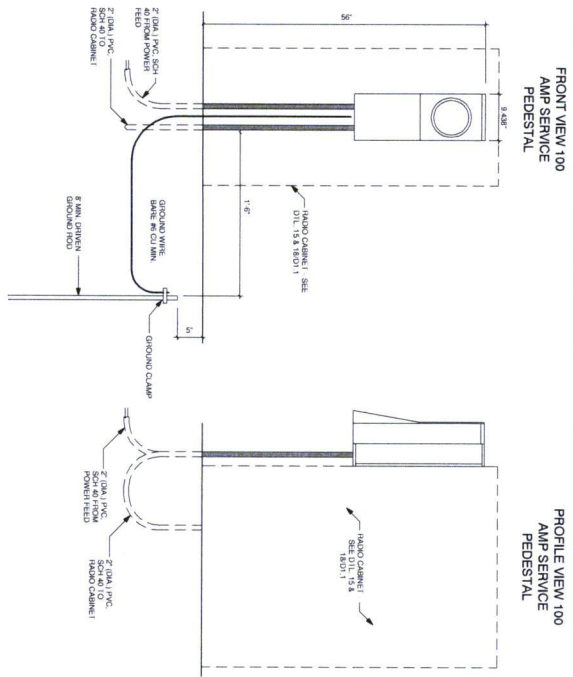
SHIFT JOB NUMBER  
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SHEET TITLE

POLE ELEVATION,  
PROPOSED

SHEET NUMBER

A1.3 5 OF 8



**RELEASE**

DATE	SUBMITTAL
11-29-03	1ST CITY SUBMITTAL
4-17-14	PERMIT SUBMITTAL

**REVISIONS**

NO.	DATE	COMMENT
15.11.13	11/11/13	POWER COORDINATION
4.7.14	4/7/14	POWER COORDINATION

**PROJECT NAME**  
VERNON - CINCO RANCH

**MOORE ADDRESS**  
BLACKWOOD BRIDGE LN & SHADY WALK LN.

**NODE #** CCR-013-01

**SUB AREA**  
CINCO RANCH, TX

**SHEET JOB NUMBER**  
120603

**SHEET TITLE**  
CONSTRUCTION DETAILS

**SHEET NUMBER**  
D1.1

**PAGE**  
6 OF 8

**FOR SCALE** 1" = 24'0" 1/2" = 11'0" 1/4" = 5'0"

**SHIFT**

SHIFT COMPANY, LLC  
1501 NORTH TEXAS AVE  
SUITE 200  
DALLAS, TEXAS 75201  
PH: 469.243.4413

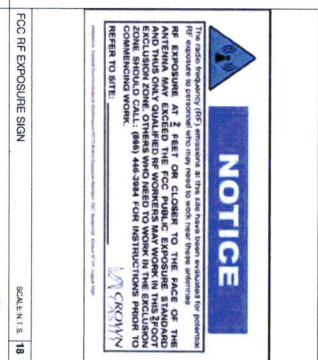
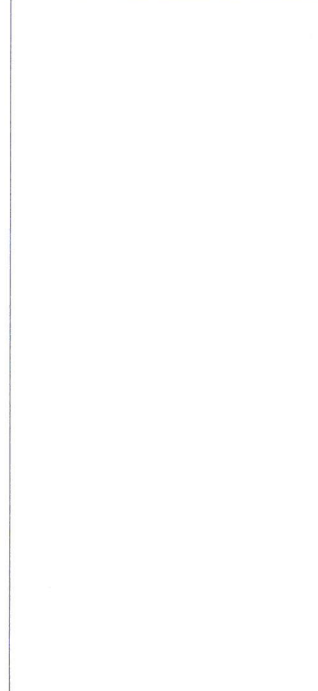
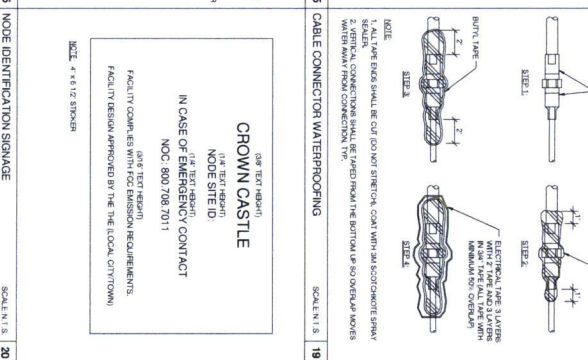
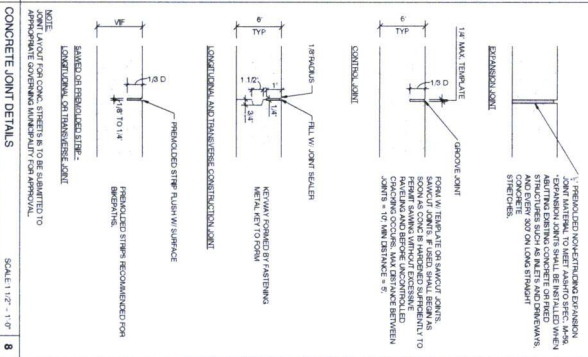
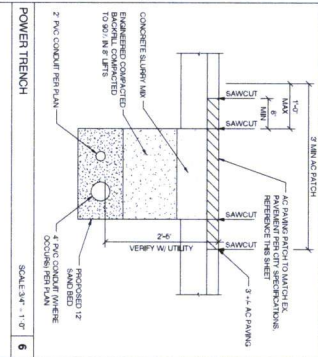
**RECORD DRAWING SHIFTS ONLY**

RECORD DRAWING ISSUE DATE: 4.17.14

**CROWN CASTLE**

1501 NORTH TEXAS AVE  
SUITE 200  
DALLAS, TEXAS 75201  
PH: 469.243.4413





The radio frequency (RF) emissions at this site have been evaluated for potential  
 RF exposure to personnel who may need to work near these antennas  
**NO EXPOSURE AT 2 FEET OR CLOSER TO THE FACE OF THE**  
**ANTENNAS. PERSONNEL SHOULD MAINTAIN A MINIMUM OF 2 FEET**  
**AND THIS ONLY QUALIFIED BY WORKERS MAY WORK IN THIS ZONE**  
**ZONE SHOULD CALL (866) 464-3849 FOR INSTRUCTIONS PRIOR TO**  
**COMMENCING WORK.**

**REFER TO SITE.**

**NOTICE**

**NO EXPOSURE**

CROWN CASTLE  
1220 ALABAMA AVE.  
SUITE 1000  
DENVER, CO 80202  
TEL: 462-264-4400  
FAX: 462-264-4401

RECORD DRAWING ISSUE DATE: 4/7/14

RECORD DRAWING: DRAWING: DWG. V

500 CROWN CASTLE  
10010141 - 10010142  
LOUISVILLE, MISSISSIPPI 38003  
TEL: 662-833-2222  
FAX: 662-833-2223

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RELEASE	
DATE	SUBMITTAL
11-29-13	1ST TRY SUBMITTAL
4-17-14	PERMIT SUBMITTAL

REVISIONS		
NO.	DATE	COMMENT
1	4/17/14	FIELD COORDINATION
2	4/17/14	POWER COORDINATION

PROJECT NAME: VERIZON - CINCO RANCH

MODE ADDRESS: CINCO RANCH, TX

NO. # :CCR-013-01

BLACKWOOD BRIDGE LN. & SHADY WALK LN.

HUB AREA: CINCO RANCH, TX

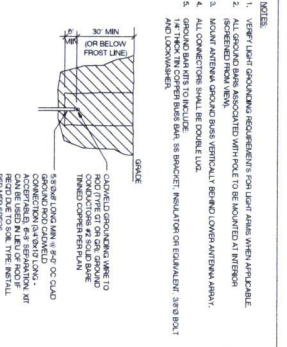
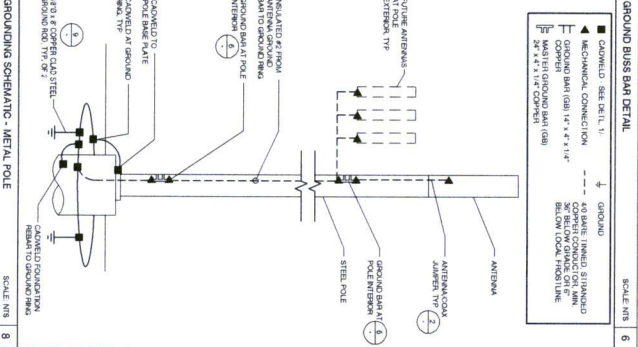
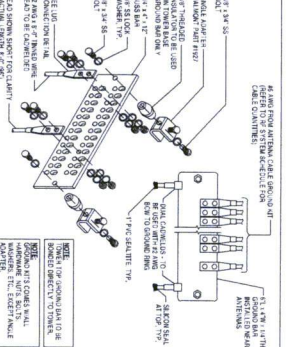
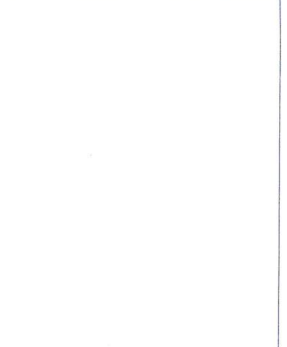
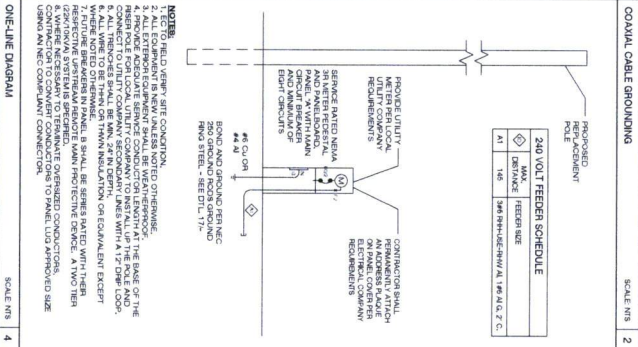
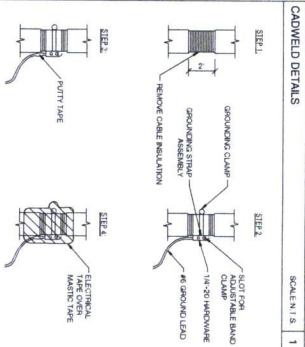
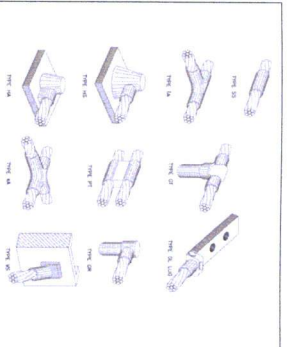
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SHEET TITLE: CONSTRUCTION DETAILS

SHEET NUMBER: 12 OF 8

DATE: 4/17/14



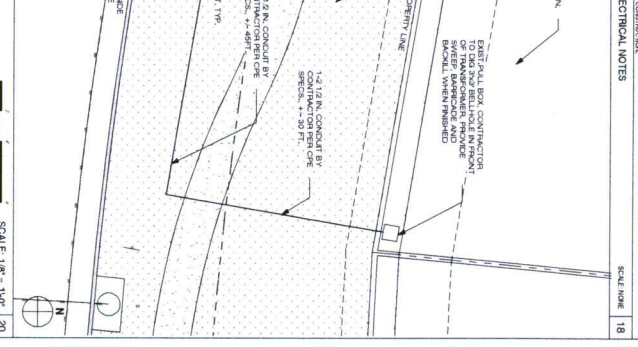
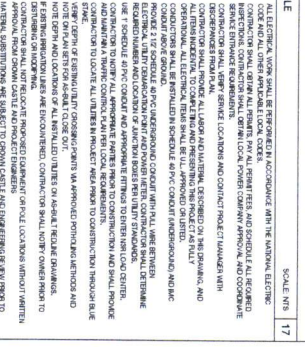
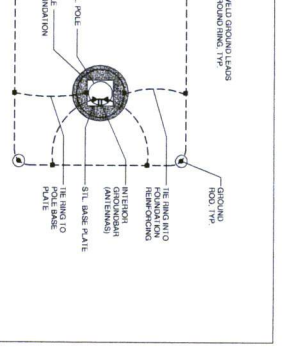
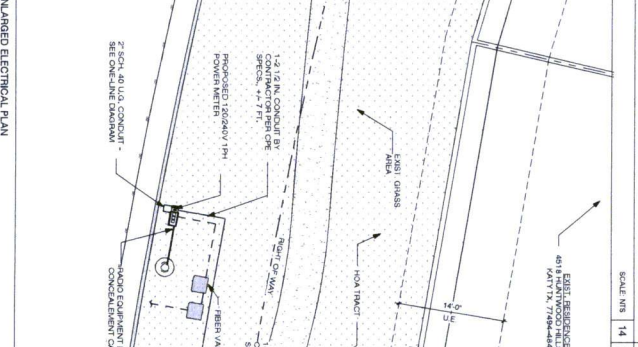
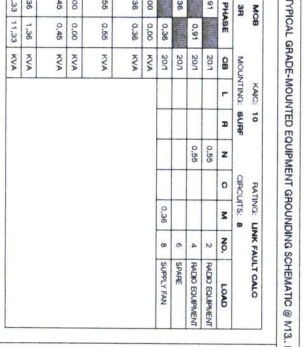
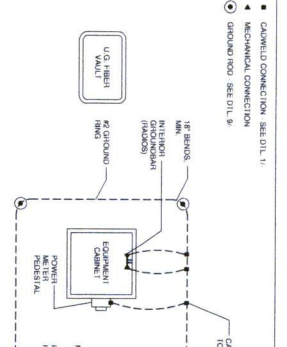


**PANEL A**

NO.	DESCRIPTION	UNIT	QTY	AMPERAGE	VOLTS	WATTS	VA
1	1/2" DIA. GROUND ROD	FT.	10	100	120	12000	12000
2	3/4" DIA. GROUND ROD	FT.	10	100	120	12000	12000
3	1" DIA. GROUND ROD	FT.	10	100	120	12000	12000
4	1/2" DIA. GROUND ROD	FT.	10	100	120	12000	12000
5	3/4" DIA. GROUND ROD	FT.	10	100	120	12000	12000
6	1" DIA. GROUND ROD	FT.	10	100	120	12000	12000
7	1/2" DIA. GROUND ROD	FT.	10	100	120	12000	12000
8	3/4" DIA. GROUND ROD	FT.	10	100	120	12000	12000
9	1" DIA. GROUND ROD	FT.	10	100	120	12000	12000
10	1/2" DIA. GROUND ROD	FT.	10	100	120	12000	12000

**ELECTRICAL PANEL SCHEDULES**

NO.	DESCRIPTION	UNIT	QTY	AMPERAGE	VOLTS	WATTS	VA
1	1/2" DIA. GROUND ROD	FT.	10	100	120	12000	12000
2	3/4" DIA. GROUND ROD	FT.	10	100	120	12000	12000
3	1" DIA. GROUND ROD	FT.	10	100	120	12000	12000
4	1/2" DIA. GROUND ROD	FT.	10	100	120	12000	12000
5	3/4" DIA. GROUND ROD	FT.	10	100	120	12000	12000
6	1" DIA. GROUND ROD	FT.	10	100	120	12000	12000
7	1/2" DIA. GROUND ROD	FT.	10	100	120	12000	12000
8	3/4" DIA. GROUND ROD	FT.	10	100	120	12000	12000
9	1" DIA. GROUND ROD	FT.	10	100	120	12000	12000
10	1/2" DIA. GROUND ROD	FT.	10	100	120	12000	12000



**SHIFT**

SHIFT COMPANY, LLC  
1517 SOUTH MAIN STREET  
SUITE 100  
DALLAS, TEXAS 75201  
PH: 469-244-4433  
FX: 469-244-4433

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**PROJECT NAME**  
VERIZON - CINCO RANCH

**MODE ADDRESS**  
MODE ADDRESS

**NODE #**  
CCR-013-01

**BLACKWOOD BRIDGE LN & SHADY WALK LN**

**CINCO RANCH, TX**

**SHEET #**  
120603

**DATE**  
12/06/13

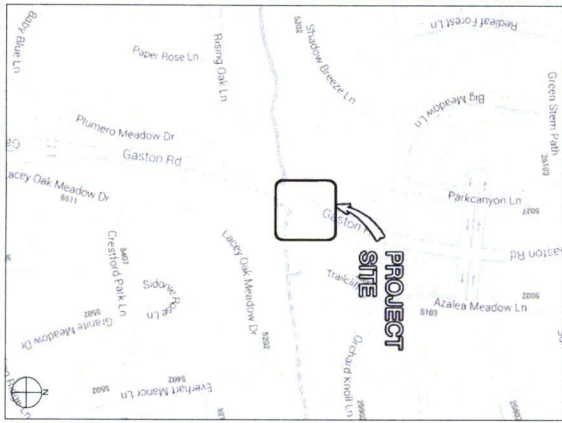
**BY**  
GUYANA BY

**CHECKED BY**  
GUYANA BY

**SCALE**  
1" = 10'

**8 OF 8**





### PROJECT TEAM

<b>ARCHITECT</b>	<b>STRUCTURAL</b>	<b>RF ENGINEER</b>
Company: SPIFF CONSULTING Address: 200 S. JACINTO AVENUE SCOTTSDALE, AZ 85257 Phone Number: 480-449-1100 Fax Number: 480-449-1100 Contact: CHRIS WYBES	Company: HSC Address: 2714 N. PROGRESS AVE. S. SALINA, KS 67502 Phone Number: 316-827-2101 Fax Number: 316-827-2101 Contact: BRUCE POTTER	Company: CHOWEN CASTLE Address: 1200 ALBUQUERQUE DR. HOUSTON, TX 77067 Phone Number: 469-344-4401 Fax Number: 469-344-4401 Contact: BRUCE POTTER
<b>FIBER ENGINEERING</b>		
Company: KTA Address: 140 S. SUNSET BLVD. STE. 200 HOUSTON, TX 77057 Phone Number: 832-466-4615 Fax Number: Contact:		
<b>PROJECT MANAGER</b>		
Company: CHOWEN CASTLE Address: 1200 ALBUQUERQUE DR. HOUSTON, TX 77067 Phone Number: 469-344-4401 Fax Number: Contact: BRUCE POTTER		

## PROJECT SUMMARY

<b>PROJECT NAME</b> WILSON DRUG MACH	<b>APPLICANT</b> GROWN CASTLE 10000 WILSON DR HEALING, TX 77007
<b>PROJECT AREA</b> OMEGA MARCH, 1X	<b>CONTACT PERSON</b> BRIAN POTTER
<b>PORT BLERO COUNTY ENGINEERING DEPT.</b> 1134 BLADE RD. SUITE 100 P.O. BOX 1700 P.O. BOX 1700 CONCEPT JOHNN ORTEGA	<b>CODES</b> INTERNATIONAL BUILDING CODE (IBC) 2009 INTERNATIONAL ENERGY CONSERVATION 2008 NATIONAL ELECTRICAL CODE (NEC) 2008 NATIONAL ELECTRICAL SAFETY CODE (NEC)
<b>UNAPPROVED REQUIREMENTS</b> FACILITY IS UNAPPROVED AND NOT FOR NOT REQUIRED. UNAPPROVED ACCESS REQUIREMENTS ARE NOT REQUIRED.	
<b>PLUMBING REQUIREMENTS</b> FACILITY HAS NO PLUMBING.	
<b>POWER COMPANY</b> CENTROPOINT ENERGY 40011 17TH AVE. BLDG. P.O. BOX 126,4275 CONCEPT JOHNN ORTEGA	

### PROJECT DESCRIPTION

A SUBJECT MATTER OF GROUND MOUNTED EQUIPMENT AND INSTALLATION OF AN ANTENNA MOUNTED ON WOOD POLES SPECIFICALLY ENGINEERED TO SUPPORT THE PROPOSED EQUIPMENT. THE GROUND EQUIPMENT WILL BE MOUNTED INSIDE CONCERNMENT CASES ON THE GROUND ALONG WITH A SEPARATE WETTER PRESENT.

Sheet #	T1: Sheet Index Sheet Description	Page
T1.1	TITLE SHEET	1
T1.2	GENERAL NOTES, ABBREVIATIONS AND SYMBOLS	2
T1.3	EXISTING SITE CONDITIONS	3
T1.4	PROPOSED SITE CONDITIONS	4
A1.1	SOIL PLAN, EXISTING AND PROPOSED FINAL PLANS	5
A1.3	POOL ELEVATION, PROPOSED	6
A1.5	CONSTRUCTION DETAILS	7
D1.1	ELECTRICAL DETAILS AND NOTES, LIGHTING DETAILS AND NOTES	8

RELEASE	
DATE	SUBMITTAL
11-26-13	1ST CITY SUBMITTAL
4.17.14	PERMIT SUBMITTAL

REVISIONS		
N.O.	DATE	COMMENT
	12.11.13	FIBER COORDINATION
	4.17.14	POWER COORDINATION

PROJECT NAME

VERZON - CINCO RANCH

MOORE ADDRESS

10000 #3CCR018-01

AGGREGATOR

GASTON RD, S. OF  
SPROUTER RIDGE LN.

ROAD AREA

CINCO RANCH- TX

SHEET / JOB NUMBER

120603

DATE

11/20/2017

DRAWN BY

ONE-COLORED BY: CAL

INCHES

1/4"

SHEET TITLE

1 OF 8

SHEET NUMBER

1

DATE

11/20/2017

1. RIGHT-OF-WAY USE PERMIT SHALL BE OBTAINED BY CONTRACTOR PRIOR TO COMMENCING WORK.	AC	ADJUSTABLE FLOOR	HC	HORIZONTAL	S	SCHEDULE	SO	SOUTH
2. ALL MATERIALS AND EQUIPMENT SHALL BE STORED ON PRIVATE PROPERTY OR IN AN AREA DESIGNATED FOR ALL MATERIALS.	AD	ADJUSTABLE FLOOR	HA	HORIZONTAL	SC	SCHEDULE	ST	SOUTH
3. CROSSING OF PUBLIC UTILITIES SHALL BE COORDINATED BY CONTRACTOR.	AM	ADJUSTABLE FLOOR	HY	HORIZONTAL	SB	SCHEDULE	SW	SOUTH
4. ALL WORK TO BE CONDUCTED IN CITY RIGHT OF WAY, U.A.O.	AN	ADJUSTABLE FLOOR	HA	HORIZONTAL	SB	SCHEDULE	SW	SOUTH
5. ALL EXISTING LANDSCAPING SHALL BE REPLACED TO MATCH EXISTING.	AO	ADJUSTABLE FLOOR	HA	HORIZONTAL	SB	SCHEDULE	SW	SOUTH
6. ALL SURFACE REPAIR SHALL BE TO CITY SPECIFICATIONS.	AP	ADJUSTABLE FLOOR	HA	HORIZONTAL	SB	SCHEDULE	SW	SOUTH
7. ANY REMOVAL OF CURB SHALL BE COORDINATED WITH THE CITY AND TEMPORARY LIGHTING SHALL BE PROVIDED.	AR	ADJUSTABLE FLOOR	HA	HORIZONTAL	SB	SCHEDULE	SW	SOUTH
8. WHENEVER EXISTING LIGHTING IS REMOVED OR UNAVAILABLE AS SPECIFIED, THE CONTRACTOR SHALL PROVIDE TEMPORARY LIGHTING.	AS	ADJUSTABLE FLOOR	HA	HORIZONTAL	SB	SCHEDULE	SW	SOUTH
9. NO MATERIALS OR EQUIPMENT SHALL BE STORED ON PRIVATE PROPERTY OR IN AN AREA DESIGNATED FOR ALL MATERIALS.	AT	ADJUSTABLE FLOOR	HA	HORIZONTAL	SB	SCHEDULE	SW	SOUTH
10. OPEN EXCAVATIONS SHALL BE LEFT ACCESSIBLE TO THE PUBLIC. NO	AV	ADJUSTABLE FLOOR	HA	HORIZONTAL	SB	SCHEDULE	SW	SOUTH
11. CLEANUP OF THE WORK AREA WILL BE COMPLETED EACH EVENING AND COMPLETION OF CONSTRUCTION AT EACH NIGHT LOCATION.	AW	ADJUSTABLE FLOOR	HA	HORIZONTAL	SB	SCHEDULE	SW	SOUTH
12. ALL WORK TO COMPLY WITH CITY AND CITY GUIDELINES.	AX	ADJUSTABLE FLOOR	HA	HORIZONTAL	SB	SCHEDULE	SW	SOUTH
13. PRIOR TO COMMENCING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE TO REMOVE AND REPAIR AT THEIR OWN RISK ANY AND ALL DAMAGED PAVEMENT, SIDEWALK, CURB AND	AY	ADJUSTABLE FLOOR	HA	HORIZONTAL	SB	SCHEDULE	SW	SOUTH
14. THE CONTRACTOR SHALL BE RESPONSIBLE TO REMOVE AND REPAIR AT THEIR OWN RISK ANY AND ALL DAMAGED PAVEMENT, SIDEWALK, CURB AND	AZ	ADJUSTABLE FLOOR	HA	HORIZONTAL	SB	SCHEDULE	SW	SOUTH
15. THE VALVE INSTALLED IN CONNECTION WITH THE INDIVIDUAL ANTENNA	BA	ADJUSTABLE FLOOR	HA	HORIZONTAL	SB	SCHEDULE	SW	SOUTH


GENERAL PROJECT NOTES

SCALE: NTS 10'

AC	ADJUSTABLE FLOOR	HC	HORIZONTAL	S	SCHEDULE	SO	SOUTH
AD	ADJUSTABLE FLOOR	HA	HORIZONTAL	SC	SCHEDULE	ST	SOUTH
AM	ADJUSTABLE FLOOR	HY	HORIZONTAL	SB	SCHEDULE	SW	SOUTH
AN	ADJUSTABLE FLOOR	HA	HORIZONTAL	SB	SCHEDULE	SW	SOUTH
AO	ADJUSTABLE FLOOR	HA	HORIZONTAL	SB	SCHEDULE	SW	SOUTH
AP	ADJUSTABLE FLOOR	HA	HORIZONTAL	SB	SCHEDULE	SW	SOUTH
AR	ADJUSTABLE FLOOR	HA	HORIZONTAL	SB	SCHEDULE	SW	SOUTH
AS	ADJUSTABLE FLOOR	HA	HORIZONTAL	SB	SCHEDULE	SW	SOUTH
AT	ADJUSTABLE FLOOR	HA	HORIZONTAL	SB	SCHEDULE	SW	SOUTH
AV	ADJUSTABLE FLOOR	HA	HORIZONTAL	SB	SCHEDULE	SW	SOUTH
AW	ADJUSTABLE FLOOR	HA	HORIZONTAL	SB	SCHEDULE	SW	SOUTH
AX	ADJUSTABLE FLOOR	HA	HORIZONTAL	SB	SCHEDULE	SW	SOUTH
AY	ADJUSTABLE FLOOR	HA	HORIZONTAL	SB	SCHEDULE	SW	SOUTH
AZ	ADJUSTABLE FLOOR	HA	HORIZONTAL	SB	SCHEDULE	SW	SOUTH
BA	ADJUSTABLE FLOOR	HA	HORIZONTAL	SB	SCHEDULE	SW	SOUTH


ABBREVIATIONS AND SYMBOLS

SCALE: NTS 20'



**CROWN CASTLE**

RECORD DRAWING ISSUE DATE: 4/17/14



**SHIFT**

SHIFT COMMERCIAL, LLC  
10000 WEST 10TH AVE  
SUITE 1000  
DALLAS, TEXAS 75243

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PROJECT NAME: VERIZON - CINCO RANCH

NODE ADDRESS: NODE #CCR-018-01

GASTON RD., S. OF POINTER RIDGE LN.

HUB AREA: CINCO RANCH, TX

SHEET JOB NUMBER: 120603

DRAWN BY: RA

CHECKED BY: CM

SHEET TITLE: GENERAL NOTES

ABBREVIATIONS AND SYMBOLS

SHEET NUMBER: 2 OF 8

PROJECT SCALE: 1" = 20' (0.5" = 10')



### KATHREIN SCALA DIVISION

700 MHz Dual Band Omni Antenna

Model	Antenna 1	Antenna 2
840 10510	840 10511	
600-204	1710-2170	
200	500	

700 MHz Dual Band Omni Antenna

### KATHREIN SCALA DIVISION

700 MHz Dual Band Omni Antenna

Model	Antenna 1	Antenna 2
840 10510	840 10511	
600-204	1710-2170	
200	500	

### ION4M7/17P - Product Specification

**General Specifications**

- Frequency: 840-845 MHz
- Power: 200W
- Antenna: 1710-2170 MHz
- Dimensions: 200 x 500 x 100 mm
- Weight: 2.5 kg
- Material: Aluminum
- Finish: Powder Coat
- Mounting: Pole Mount
- Weather: IP67
- Operating Temperature: -40°C to +70°C
- Storage Temperature: -40°C to +70°C
- Humidity: 5% to 95% RH
- Vibration: 10g
- Shock: 10g
- EMC: CE Marked
- RoHS: Compliant

**Performance Specifications**

- Gain: 10 dBi
- Efficiency: 65%
- SWR: 1.5
- VSWR: 1.5
- Return Loss: 15 dB
- Impedance: 50 Ohms
- Connector: N-Type
- Mounting: Pole Mount
- Weather: IP67
- Operating Temperature: -40°C to +70°C
- Storage Temperature: -40°C to +70°C
- Humidity: 5% to 95% RH
- Vibration: 10g
- Shock: 10g
- EMC: CE Marked
- RoHS: Compliant

**Physical Dimensions**

**Performance Graphs**

**Notes**

- Antenna is designed for use with a 50 Ohm system.
- Antenna is designed for use with a 200W transmitter.
- Antenna is designed for use with a 1710-2170 MHz frequency range.
- Antenna is designed for use with a 10 dBi gain.
- Antenna is designed for use with a 65% efficiency.
- Antenna is designed for use with a 1.5 SWR.
- Antenna is designed for use with a 15 dB return loss.
- Antenna is designed for use with a 50 Ohm impedance.
- Antenna is designed for use with a N-Type connector.
- Antenna is designed for use with a pole mount.
- Antenna is designed for use with a weatherproof enclosure.
- Antenna is designed for use with a -40°C to +70°C operating temperature.
- Antenna is designed for use with a -40°C to +70°C storage temperature.
- Antenna is designed for use with a 5% to 95% RH humidity.
- Antenna is designed for use with a 10g vibration.
- Antenna is designed for use with a 10g shock.
- Antenna is designed for use with a CE Marked EMC.
- Antenna is designed for use with a RoHS Compliant.

### ION4M7/17P - Product Specification

**General Specifications**

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**Physical Dimensions**

**Performance Graphs**

**Notes**

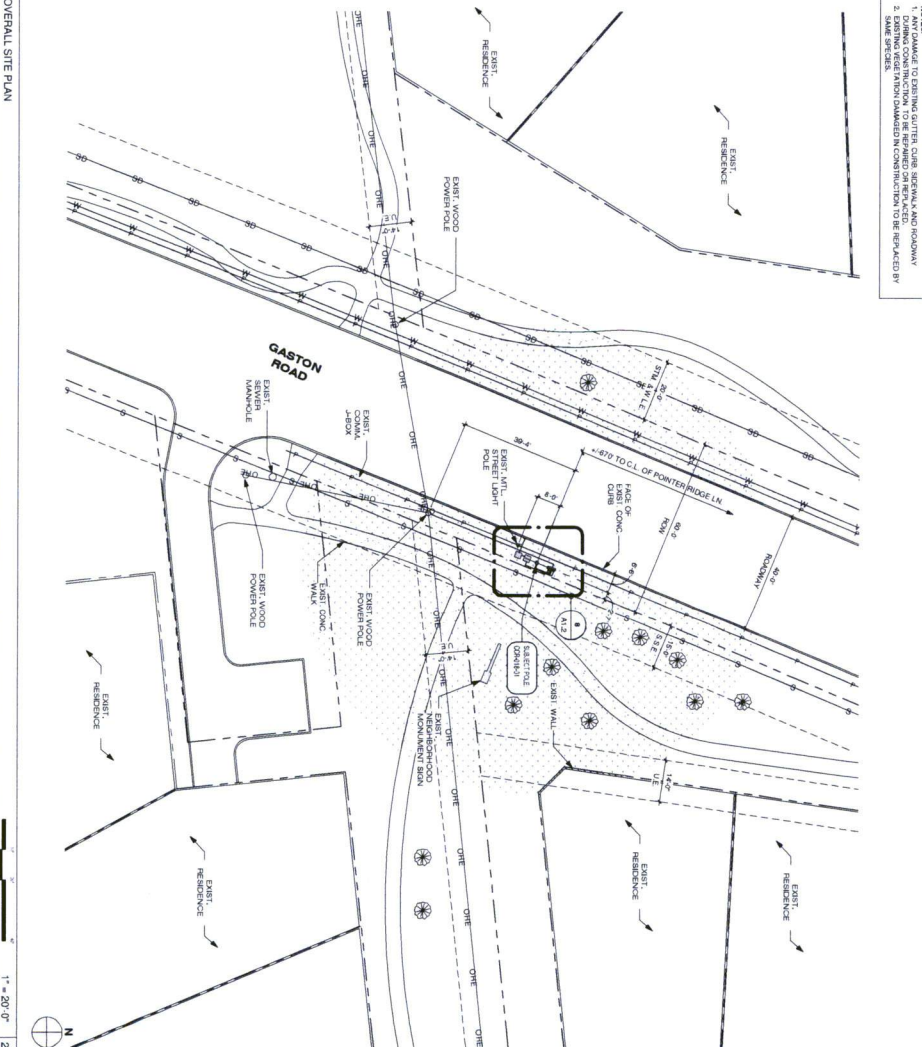
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- Antenna is designed for use with a 10g shock.
- Antenna is designed for use with a CE Marked EMC.
- Antenna is designed for use with a RoHS Compliant.

1. PLANT IMPOSED: GROUND EQUIPMENT, A NATURAL, LARVAL LOCATION OR AN APPROPRIATE SITE.
2. CONNECTION TO RELATED LOCALITY: UNDERGROUND UTILITIES
3. EX. LOCATIONS IN WATERSHED AND REGIONAL WATERSHEDS
4. CONNECTION TO OTHER LOCALITY: CONNECTIONS SHOULD BE DETERMINED OR OBSERVED AS A RESULT OF CONNECTIONS SHOULD BE REPLACED WITH A LINE SIZE AND SPECIES.
5. CONNECTION TO LAND USE: EX. PREPARATION PRIOR TO EXCAVATION
6. CONNECTION TO SUBSTANTIVE INFORMATION: VARY, ALL
7. VARY, ALL PROPERTY FOR INFORMATION WITH AVAILABLE DATA
8. EX. EX. LOCATIONS SHOWN ON PLANS ARE APPROXIMATE ONLY
9. EX. PROVIDED BY LOCAL UTILITIES.

**CROWN CASTLE**  
1200 GOLF LINKS DRIVE  
FARMINGTON, CT 06030  
PH: 460-243-4401

**CROWN CASTLE**  
RECORD DRAWINGS ISSUE DATE: 4/17/14

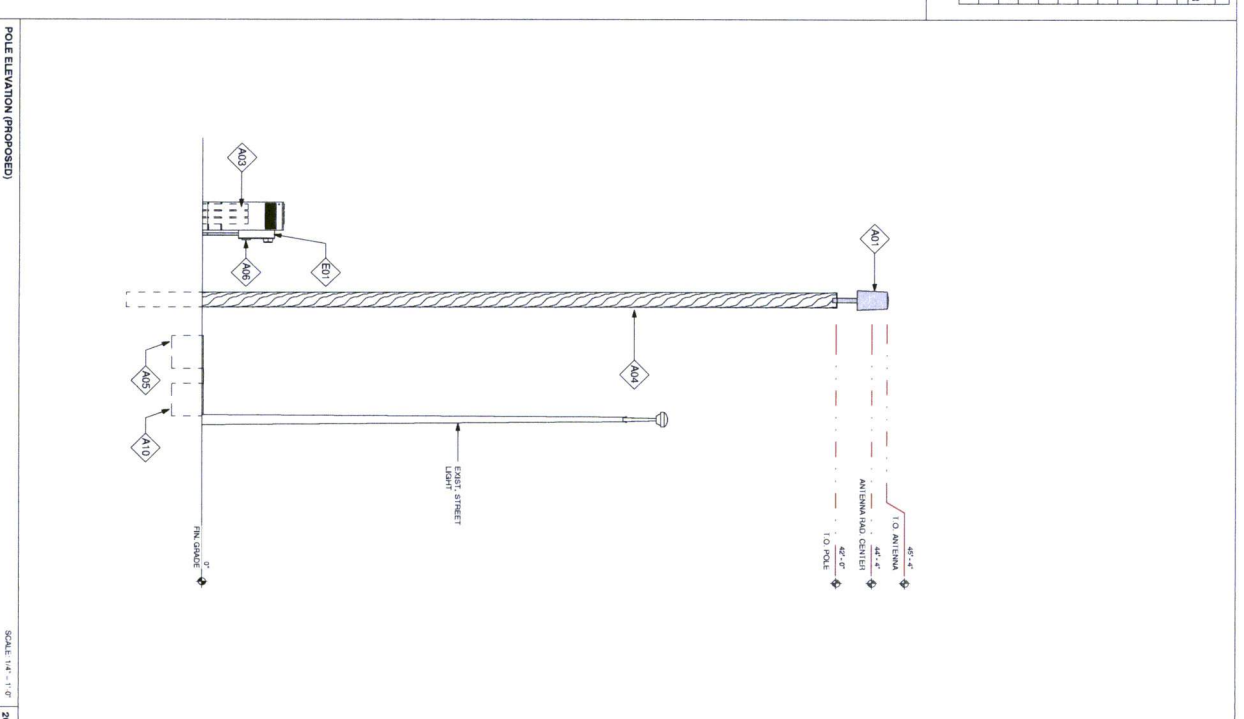
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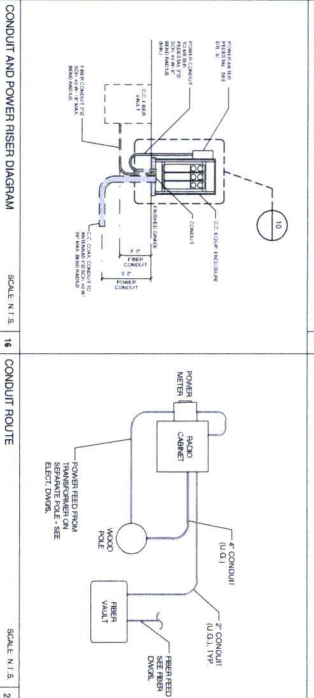
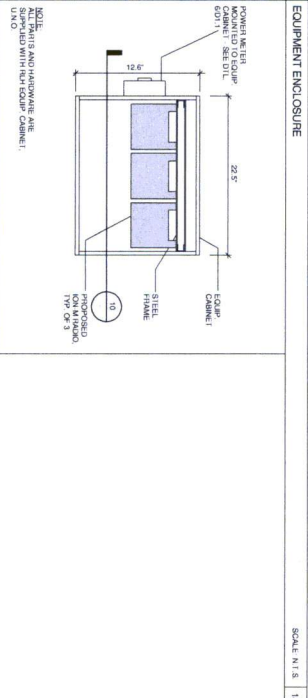
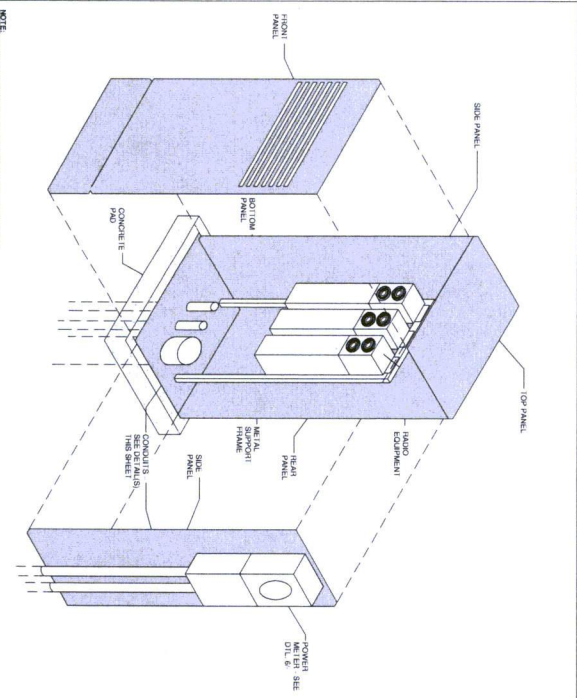


1. ANY DAMAGE TO EXISTING GUTTER, CURB, SIDEWALK AND ROADWAY DURING CONSTRUCTION, TO BE REPAIRED OR REPLACED.
2. EXISTING VEGETATION DAMAGED IN CONSTRUCTION TO BE REPLACED BY SAME SPECIES.

<b>SHIFT COMPANIES, LLC</b> 7015 TOWN VIEW ROAD SUITE 100 HOUSTON, TEXAS 77036 TEL: 281-243-0333 FAX: 281-243-0333															
THIS DOCUMENT IS PREPARED AND ISSUED BY SHIFT COMPANIES, LLC FOR THE INFORMATION OF THE OWNER. IT IS NOT TO BE USED FOR ANY OTHER PURPOSES WITHOUT THE WRITTEN PERMISSION OF THE COMPANY.															
<b>RELEASE</b>	SUBMITTAL														
<b>DATE</b>	11-29-2013														
<b>151 CITY SUBMITTAL</b>															
<b>PERMIT SUBMITTAL</b>	4/17/14														
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<b>REVISIONS</b>															
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151.1/13	12/11/13														
<b>COMMENT</b>															
FIRE CONNECTION															
POWER CONNECTION															
4/17/14															
<b>PROJECT NAME</b>															
<b>VERIZON - CINCO RANCHO</b>															
<b>MODE ADDRESS</b>															
<b>MODE #:</b> CCR-018-01															
<b>GASTON RD., S. OF</b> <b>POINTER RIDGE LN.</b>															
<b>MAIL DATA</b>															
<b>CINCO RANCH, TX</b>															
<b>SHEET JOB NUMBER</b>	<b>IN HOUSE</b>														
120603															
<b>SHEET TITLE</b>	<b>CHECKED BY:</b> CM														
<b>SITE PLAN, EQUIPMENT</b>															
<b>AND ANTENNA PLAN</b>															
<b>SHEET NUMBER</b>	<b>PAGE</b>														
A12	4 OF 8														





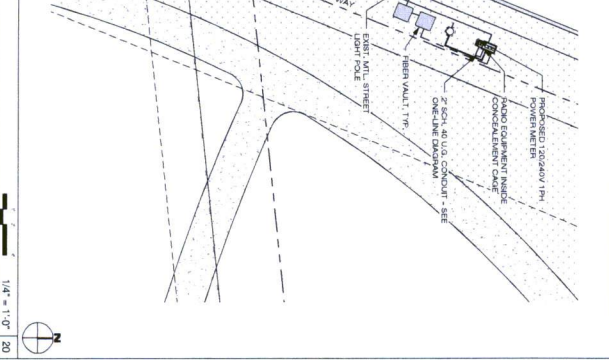
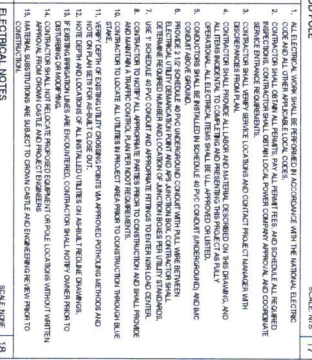
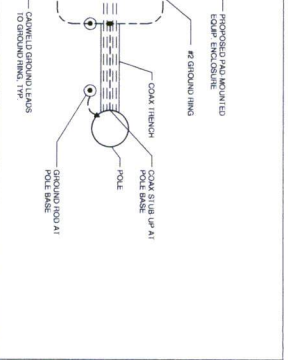
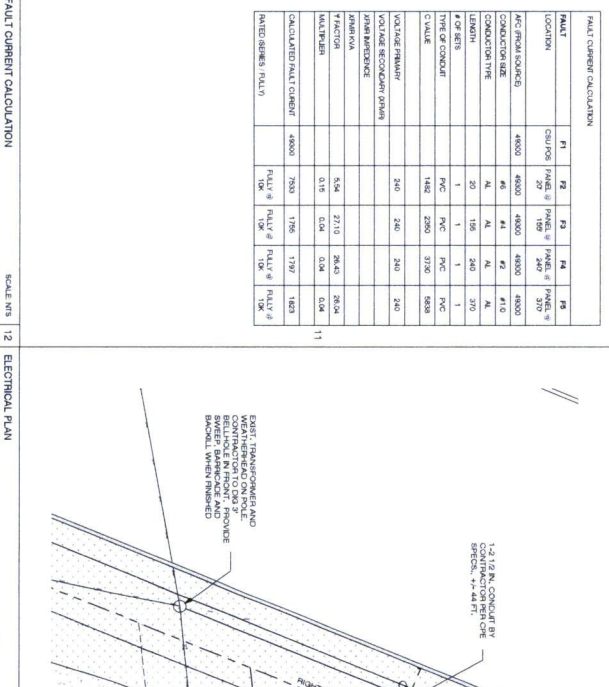
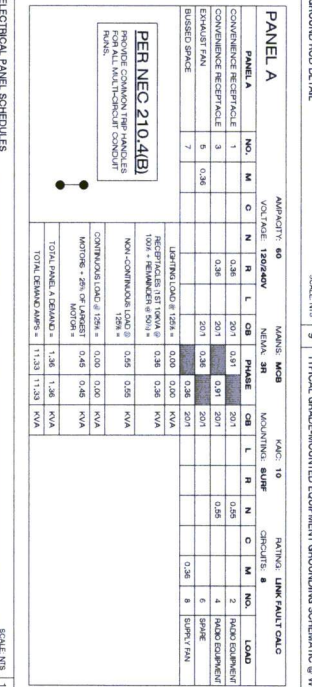
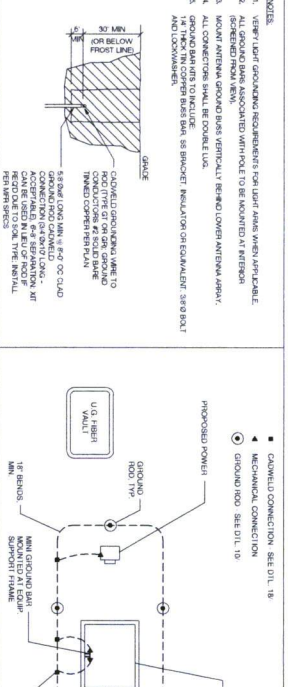
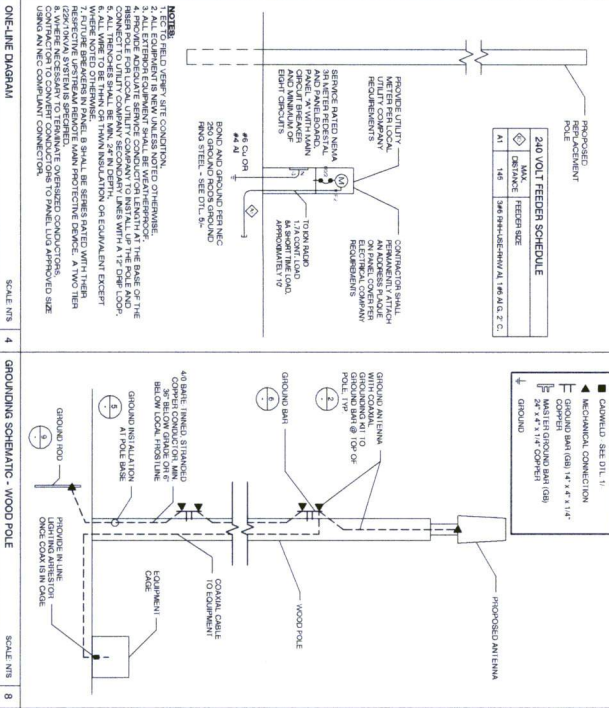
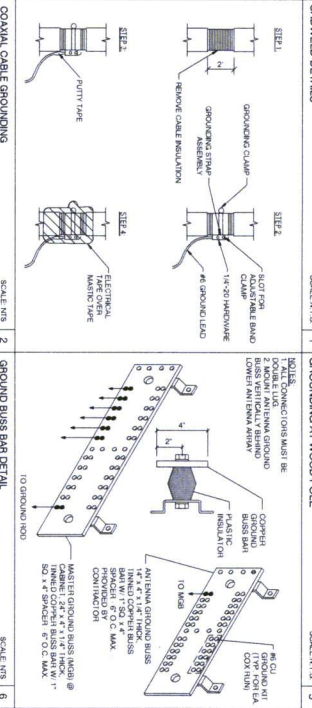
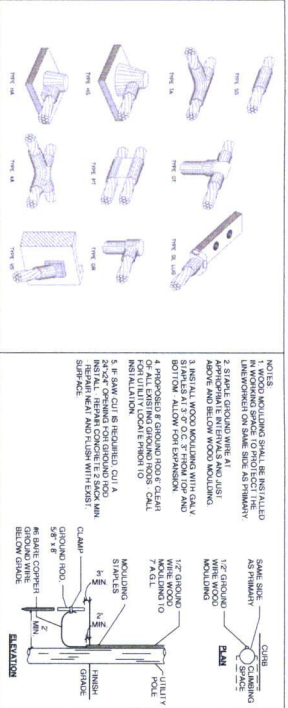


4/17/13	PERMIT SUBMITTAL				
<b>REVISIONS</b>					
NO.	DATE	COMMENT			
12/11/13	FIRST SUBMITTAL	POWER COORDINATION			
4/17/14					
<b>PROJECT NAME</b>					
VERIZON - CINCO RANCH					
<b>NODE ADDRESS</b>					
NODE # CCR-018-01					
GASTON RD., S. OF POINTER RIDGE LN.					
<b>NEED AREA</b>					
CINCO RANCH, TX					
<b>SHEET DISC NUMBERS</b>		<b>IN HOUSE</b>			
120603		DRAWN BY: BA			
		CHECKED BY: CM			
<b>SHEET TITLE</b>					
CONSTRUCTION DETAILS					
<b>SHEET NUMBERS</b>		<b>PAGE</b>			
D1.1		6 OF 8			









SHIFT logo and project information.

PROJECT NAME: CINCO RANCH  
VERSION: CINCO RANCH  
NOTE ADDRESS: GASTON RD. S. OF POINTER RIDGE LN.  
CINCO RANCH, TX  
SHEET NUMBER: 120603

PROJECT NAME: CINCO RANCH  
VERSION: CINCO RANCH  
NOTE ADDRESS: GASTON RD. S. OF POINTER RIDGE LN.  
CINCO RANCH, TX  
SHEET NUMBER: 120603

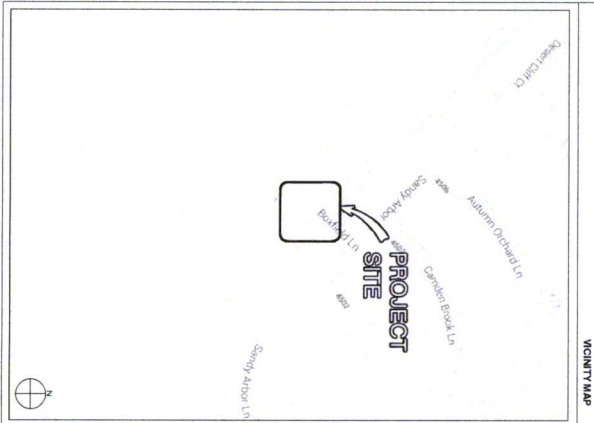




PROJECT NAME: VERIZON - CINCO RANCH  
PROJECT ADDRESS: BOXFIELD LN., S.E. OF SANDY ARBOR LN.  
PROJECT TYPE: WOOD POLE  
HUB AREA: CINCO RANCH, TX  
NODE #(s): CCR-014-01  
COORDINATES: LAT: 29.721719, LONG: -95.813370

4/21/2014 1:47:58 AM

C:\Shift\Projects\Texas\Cinco Ranch\Sites\CCR-014-01 - PROJECT.rvt




<b>ARCHITECT</b> Company: SHIFTS CONSULTING Address: 1200 ALBUQUERQUE BLVD HOUSTON, TX 77057 Phone Number: 409.244.4433 Fax Number: 409.244.4433 Contact: REN CORTIZ	<b>STRUCTURAL</b> Company: RMC Address: 1200 ALBUQUERQUE BLVD HOUSTON, TX 77057 Phone Number: 409.244.4433 Fax Number: 409.244.4433 Contact: REN CORTIZ	<b>PE ENGINEER</b> Company: CROWN CASTLE Address: 1200 ALBUQUERQUE BLVD HOUSTON, TX 77057 Phone Number: 409.244.4433 Fax Number: 409.244.4433 Contact: REN CORTIZ
<b>PROJECT TEAM</b>		
<b>PROJECT MANAGER</b> Company: CROWN CASTLE Address: 1200 ALBUQUERQUE BLVD HOUSTON, TX 77057 Phone Number: 409.244.4433 Fax Number: 409.244.4433 Contact: REN CORTIZ		

<b>PROJECT NAME:</b> VERIZON - CINCO RANCH	<b>PROJECT AREA:</b> CINCO RANCH, TX
<b>APPLICANT:</b> CROWN CASTLE 1200 ALBUQUERQUE BLVD HOUSTON, TX 77057 CONTACT: REN CORTIZ	<b>CODES:</b> 2009 INTERNATIONAL BUILDING CODE (IBC) 2009 INTERNATIONAL ENERGY CONSERVATION CODE (IECC) 2009 NATIONAL ELECTRICAL CODE (NEC) 2009 NATIONAL ELECTRICAL SAFETY CODE (NEESC)
<b>HANDICAPPED REQUIREMENTS:</b> FACILITY IS HANDICAPPED AND NOT FOR HANDICAPPED ACCESS REQUIREMENTS ARE NOT REQUIRED.	
<b>PLUMBING REQUIREMENTS:</b> FACILITY HAS NO PLUMBING.	
<b>ELECTRICAL COMPANY:</b> CROWN CASTLE 1200 ALBUQUERQUE BLVD HOUSTON, TX 77057 CONTACT: REN CORTIZ	

Sheet #	Title	Index	Page
11.1	Sheet Index		1
11.2	1200 ALBUQUERQUE BLVD		2
11.3	1200 ALBUQUERQUE BLVD		3
11.4	1200 ALBUQUERQUE BLVD		4
11.5	1200 ALBUQUERQUE BLVD		5
11.6	1200 ALBUQUERQUE BLVD		6
11.7	1200 ALBUQUERQUE BLVD		7
11.8	1200 ALBUQUERQUE BLVD		8

<b>SHIFT</b> SHIFT CONSULTING, LLC 1200 ALBUQUERQUE BLVD HOUSTON, TX 77057 PH: 409.244.4433 FX: 409.244.4433	<b>CROWN CASTLE</b> 1200 ALBUQUERQUE BLVD HOUSTON, TX 77057 PH: 409.244.4433 FX: 409.244.4433	<b>RECORD DRAWING</b> RECORD DRAWING ISSUE DATE: 12.11.13	<b>PROJECT NAME:</b> VERIZON - CINCO RANCH	<b>NODE ADDRESS:</b> BOXFIELD LN., S.E. OF SANDY ARBOR LN.	<b>NODE #:</b> CCR-014-01	<b>HUB AREA:</b> CINCO RANCH, TX	<b>SHEET NUMBER:</b> 120603	<b>TITLE SHEET</b>	<b>DATE:</b> 11-29-13	<b>SCALE:</b> 1" = 40'-0"	<b>CASE #</b>
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— — — — —	CENTER LINE
— — — — —	PROPERTY LINE
— — — — —	REPORT-OUT-WAY
— f — f —	RIVER
— G — G —	GAS
— P — P —	POWER
— S — S —	SANITARY SEWER
— SD — SD —	STORM DRAIN
— W — W —	WATER
— P — P —	UPH CIRCULAR POWER

	PERSON
	KEY NOTE
	CETAL REFERENCE
	ELEVATION REFERENCE
	SECTION REFERENCE
	ELEVATION MARKER
	PROGRAM REFERENCE
	ANTENNA AZIMUTH
	VIEW NUMBER
	SHEET NUMBER
	SHEET GROUP

ABBREVIATIONS AND SYMBOLS

SCALE: NTS 20

[illegible]



**General Specifications**

Antenna Type: 800 MHz Dipole  
Frequency Range: 800 MHz  
Antenna Material: Aluminum  
Antenna Dimensions: 1.5' x 1.5' x 1.5' (H x W x D)  
Antenna Weight: 1.5 lbs  
Antenna Mounting: 1.5' x 1.5' x 1.5' (H x W x D)  
Antenna Orientation: 1.5' x 1.5' x 1.5' (H x W x D)  
Antenna Location: 1.5' x 1.5' x 1.5' (H x W x D)  
Antenna Installation: 1.5' x 1.5' x 1.5' (H x W x D)  
Antenna Maintenance: 1.5' x 1.5' x 1.5' (H x W x D)  
Antenna Warranty: 1.5' x 1.5' x 1.5' (H x W x D)

**Antenna Specifications**

Antenna Type: 800 MHz Dipole  
Frequency Range: 800 MHz  
Antenna Material: Aluminum  
Antenna Dimensions: 1.5' x 1.5' x 1.5' (H x W x D)  
Antenna Weight: 1.5 lbs  
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Antenna Location: 1.5' x 1.5' x 1.5' (H x W x D)  
Antenna Installation: 1.5' x 1.5' x 1.5' (H x W x D)  
Antenna Maintenance: 1.5' x 1.5' x 1.5' (H x W x D)  
Antenna Warranty: 1.5' x 1.5' x 1.5' (H x W x D)

**800 MHz Dipole Antenna**

Antenna Type: 800 MHz Dipole  
Frequency Range: 800 MHz  
Antenna Material: Aluminum  
Antenna Dimensions: 1.5' x 1.5' x 1.5' (H x W x D)  
Antenna Weight: 1.5 lbs  
Antenna Mounting: 1.5' x 1.5' x 1.5' (H x W x D)  
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Antenna Installation: 1.5' x 1.5' x 1.5' (H x W x D)  
Antenna Maintenance: 1.5' x 1.5' x 1.5' (H x W x D)  
Antenna Warranty: 1.5' x 1.5' x 1.5' (H x W x D)

**Radio Specifications**

Antenna Type: 800 MHz Dipole  
Frequency Range: 800 MHz  
Antenna Material: Aluminum  
Antenna Dimensions: 1.5' x 1.5' x 1.5' (H x W x D)  
Antenna Weight: 1.5 lbs  
Antenna Mounting: 1.5' x 1.5' x 1.5' (H x W x D)  
Antenna Orientation: 1.5' x 1.5' x 1.5' (H x W x D)  
Antenna Location: 1.5' x 1.5' x 1.5' (H x W x D)  
Antenna Installation: 1.5' x 1.5' x 1.5' (H x W x D)  
Antenna Maintenance: 1.5' x 1.5' x 1.5' (H x W x D)  
Antenna Warranty: 1.5' x 1.5' x 1.5' (H x W x D)

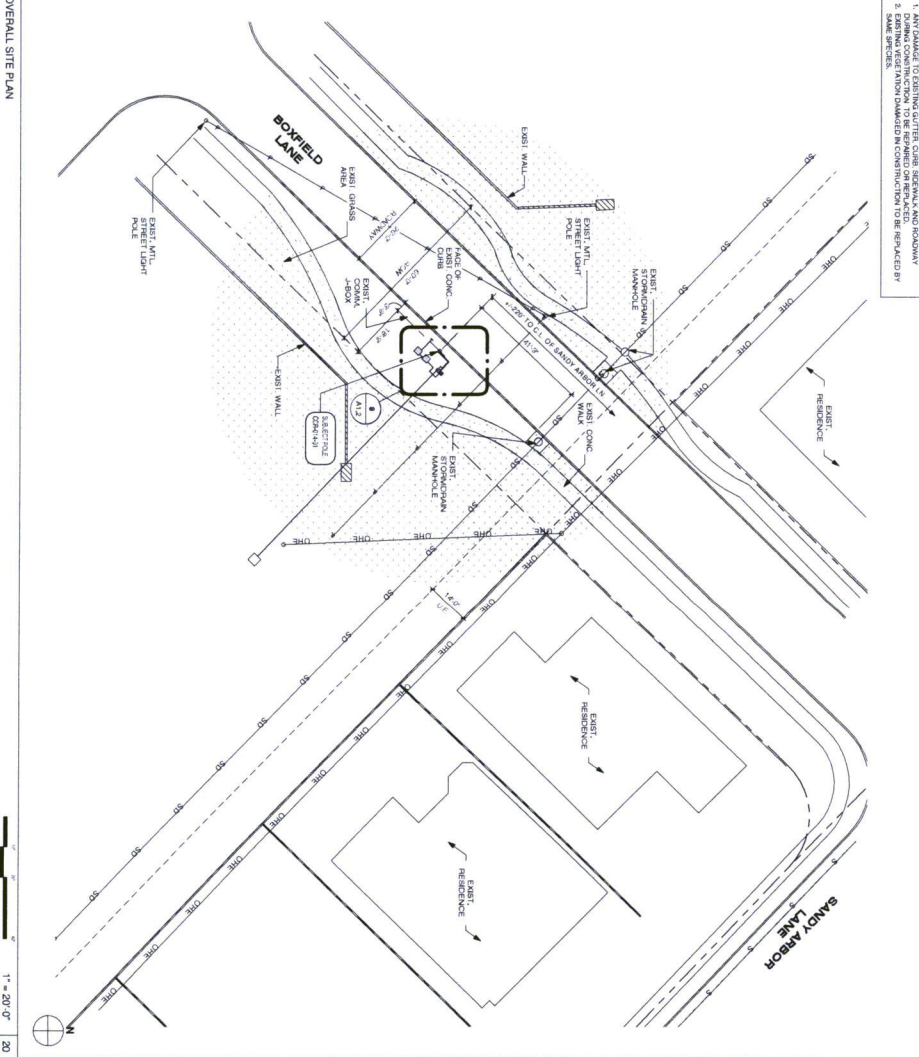
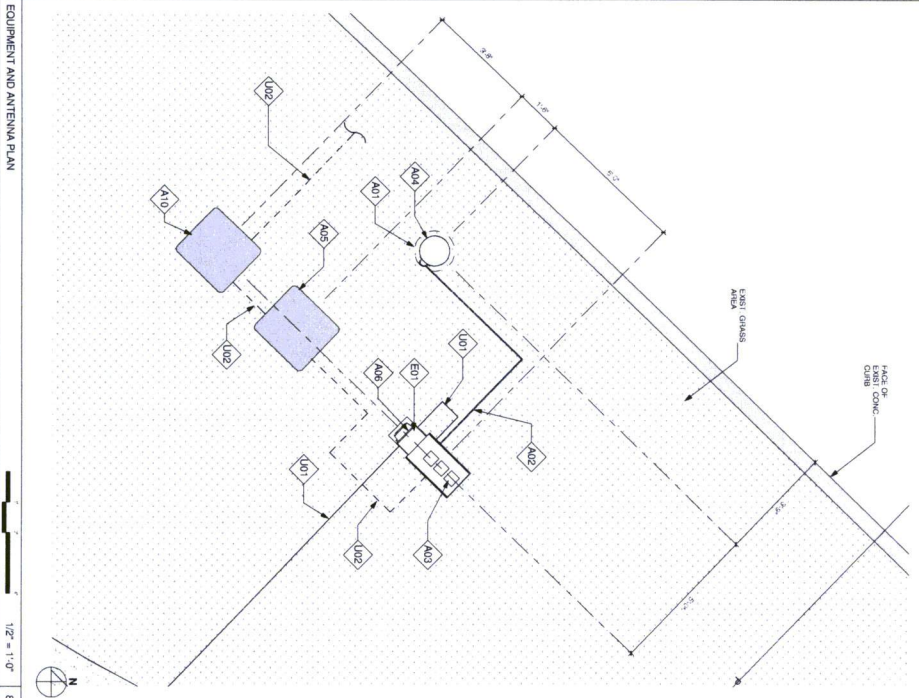
**Radio Specifications**

Antenna Type: 800 MHz Dipole  
Frequency Range: 800 MHz  
Antenna Material: Aluminum  
Antenna Dimensions: 1.5' x 1.5' x 1.5' (H x W x D)  
Antenna Weight: 1.5 lbs  
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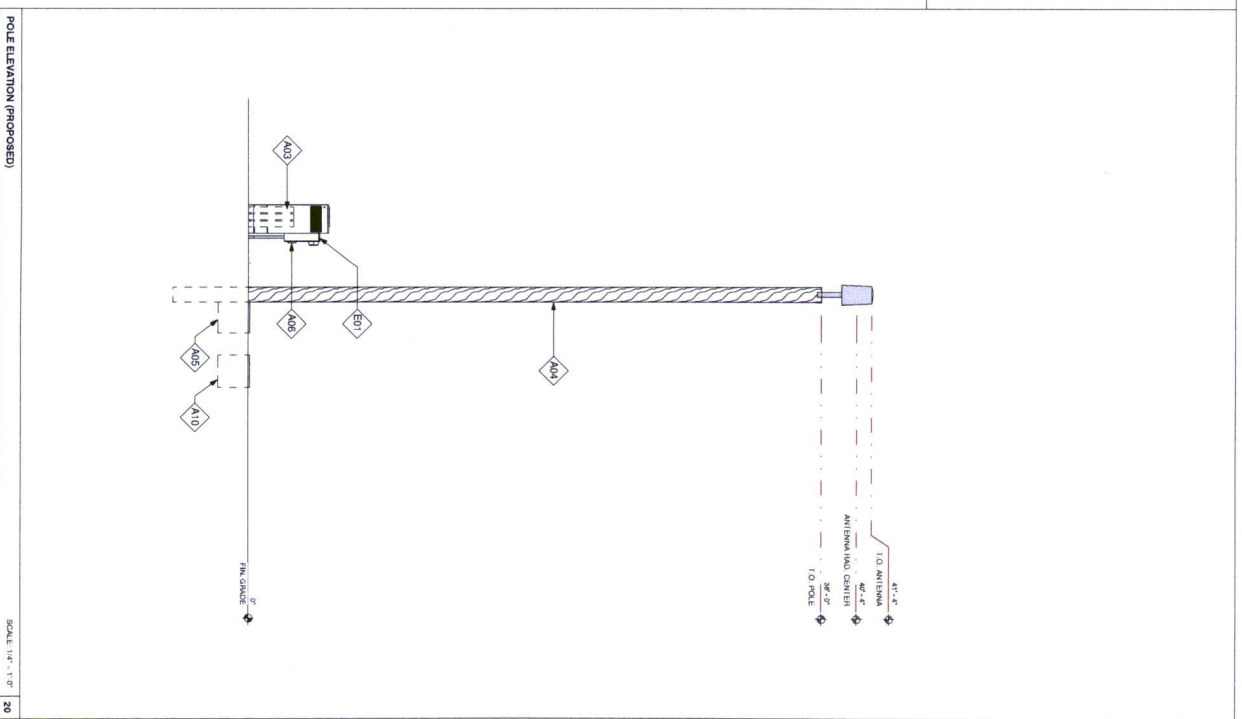
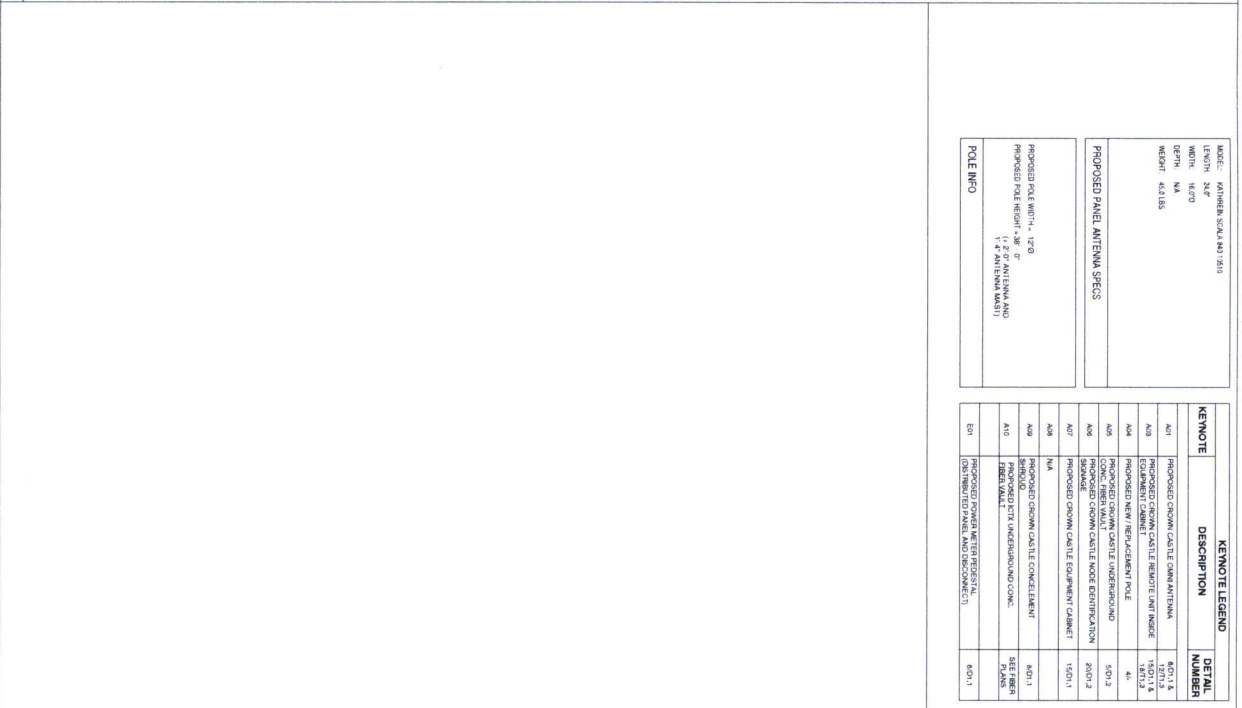
INVOICE LEGEND		DETAIL
KEYNOTE	DESCRIPTION	
A01	PROPOSED CHOWN CASTLE CAMPFIRE/STAKES	A01.1 A 1/27/13
A02	PROPOSED CHOWN CASTLE AND COOK CONCRETE FOUNDATION (LOCATION X.Y)	2/20/13
A03	PROPOSED CHOWN CASTLE REMOTE UNIT INDIK TO REMOTE CAMPFIRE (LOCATION X.Y)	1/10/13 2/20/13
A04	PROPOSED NEW W/RECREATION POLE	4/4/13
A05	PROPOSED CHOWN CASTLE UNDERGROUND FIBER	5/31/13
A06	PROPOSED CHOWN CASTLE NOISE MITIGATION SCREEN	2/20/12
A07	PROPOSED CHOWN CASTLE EQUIPMENT CABINET	1/30/13
A08	NA	
A09	NA	
A10	PROPOSED FLY WINDSHIELD CORNER, REAR WALL FIBER	DEF. FIBER P.A09


LATITUDE	26.23714
LONGITUDE	-96.63275
POLE TYPE	WOOD POLE
POLE ID #	N/A

GENERAL NOTES	
1.	DATA REPRESENTS FOUND AND EQUIPMENT A NATURAL EARTH CONDITION AS APPROVED BY CITY.
2.	CONNECTION TO FIELD LOCATE EXIST. UNDERGROUND UTILITIES.
3.	EX. LANDSCAPE PLANTINGS AND DECORATIVE LANDSCAPES.
4.	EXIST. UTILITIES OR DETERMINED AS A RESULT OF CONSTRUCTION SHALL BE DEMOLISHED OR DESTROYED.
5.	CONNECTION TO HAND LOCATE EX. INFORMATION PRIOR TO EXCAVATION.
6.	SURF PLAN IS A CADASTRAL REPRESENTATION ONLY. VERIFY ALL DIMENSIONS.
7.	CONVEY THE INFORMATION WITH AVAILABLE SOIL DATA.
8.	EXIST. UTILITY LOCATIONS SHOWN ON PLANS ARE APPROXIMATE ONLY. (AS PROVIDED BY LOCAL UTILITIES).









**CROWN CASTLE**  
1250 AUSTIN RD  
SUITE 200  
Ft. Worth, TX 76102  
Tel: 462-334-4411

RECORD DRAWINGS ISSUE DATE: 12.11.13

RECORD DRAWING DRAFTING ONLY

# SHIFT

**SUN COMMERCIAL LLC**  
10000 W. NORTH CENTRAL  
SOUTHWEST, AUSTIN, TEXAS  
Tel: 462-334-4411

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**RELEASE**

DATE	SUBMITTAL
11-26-13	1ST CITY SUBMITTAL

**REVISIONS**

NO.	DATE	COMMENT
1	12.11.13	FINAL COORDINATION

**PROJECT NAME**

**VERIZON - CINCO RANCH**

**MODE ADDRESS**

**NODE # :CCR-014-01**

**BOXFIELD L.N. S.E. OF SANDY ARBOR LN.**

**HUB AREA**

**CINCO RANCH, TX**

**SHEET NUMBER**

**5 OF 8**

**SHIFT JOB NUMBER**

**120603**

**IN HOUSE**

**DRAWN BY: SA**

**CHECKED BY: DM**

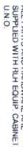
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**POLE ELEVATION, PROPOSED**

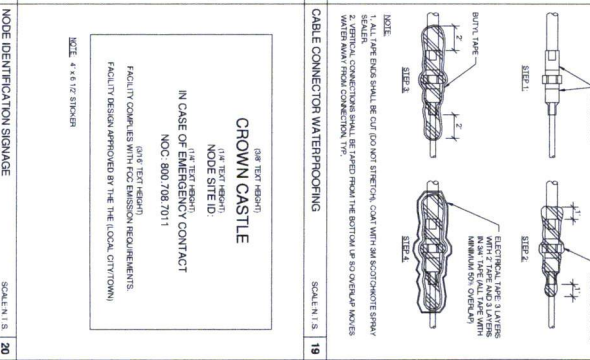
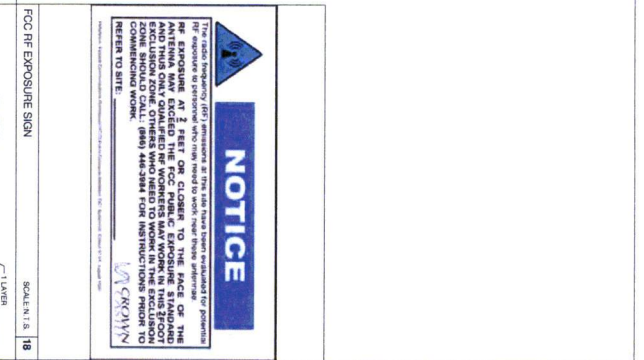
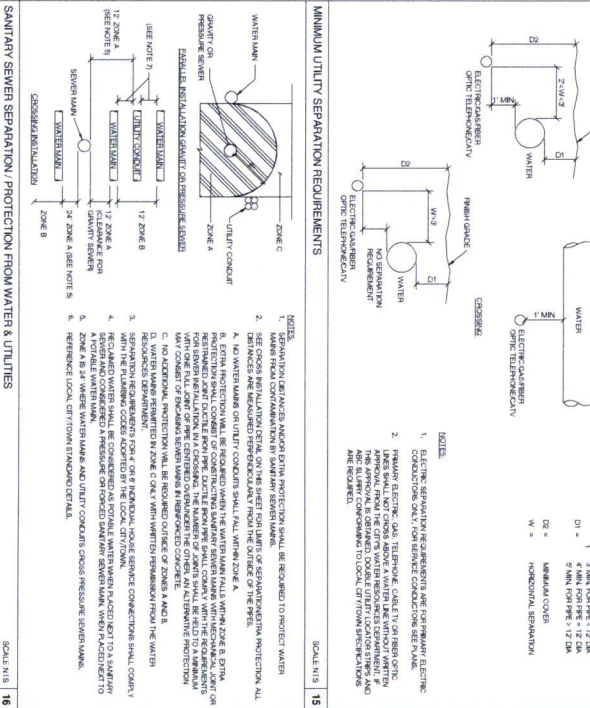
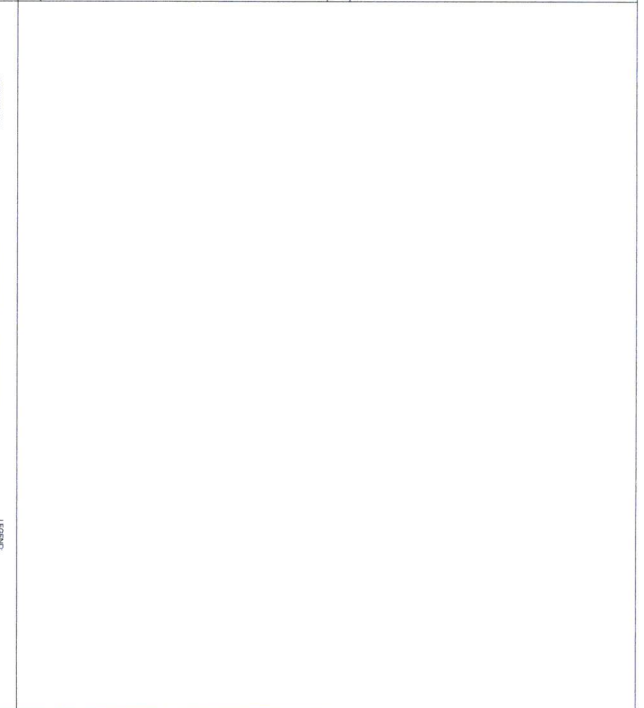
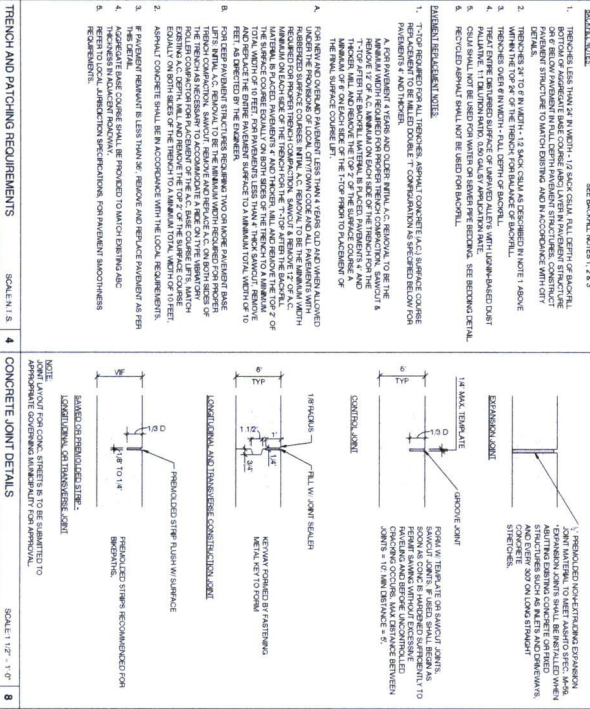
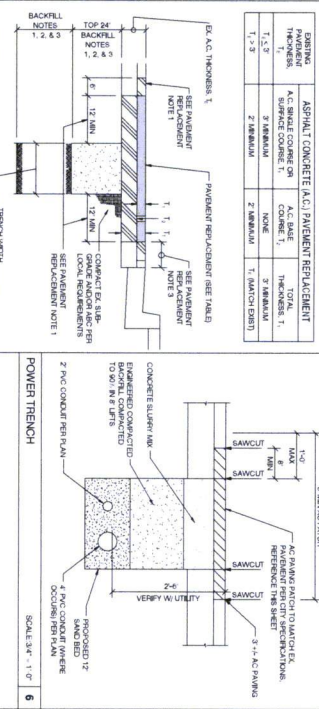
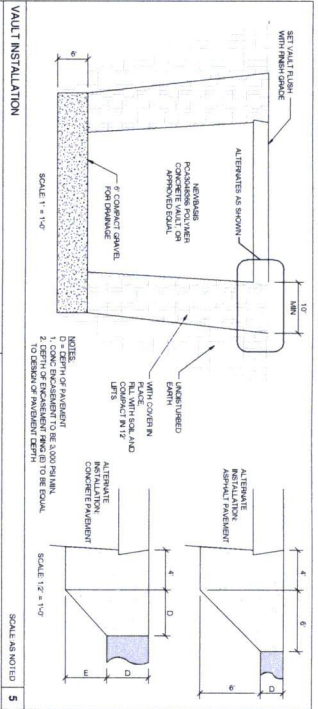
**FLAT SCALE: 1" = 20'-0" (1" = 20'-0")**

**DATE: 12.11.13**

**PROJECT: VERIZON - CINCO RANCH**







RECORD DRAWING DRAFTING ONLY

**SHIFT**

SHIFT COMPANY, LLC

1001 NORTH TEXAS AVE

IRVING, TEXAS 76039

PH: 469-243-8262

FX: 469-243-8263

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RECORD DRAWING DRAFTING ONLY

DATE: 12/11/13

BY: [Signature]

**RELEASE**

DATE: 11/29/13

SUBMITTAL: 1ST CITY SUBMITTAL

**REVISIONS**

NO.	DATE	COMMENTS
1	12/11/13	FINAL CONSTRUCTION

**PROJECT NAME**

VERDON - CINCO RANCH

**NOTE ADDRESS**

NOTE #01: CCR-014-01

BOXFIELD LN, S.E. OF SANDY ARBOR LN.

**ADD DATA**

CINCO RANCH, TX

120903

SHEET TITLE: CONSTRUCTION DETAILS

SHEET NUMBER: 7 OF 8

DATE: 11/29/2013

BY: [Signature]

CHKD BY: [Signature]

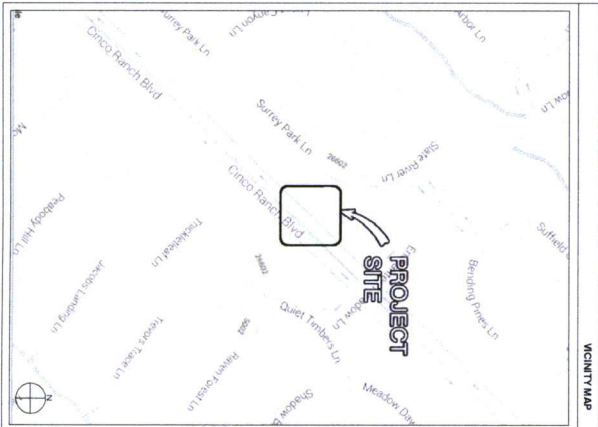








PROJECT NAME: VERIZON - CINCO RANCH  
PROJECT ADDRESS: CINCO RANCH BLVD., S.W. OF ENCHANDED MEADOW LN.  
PROJECT TYPE: METAL SLIMLINE POLE  
HUB AREA: CINCO RANCH, TX  
NODE #(s): CCR-019-01  
COORDINATES: LAT: 29.720922, LONG: -95.806294



PROJECT TEAM	
<b>ARCHITECT</b> Company: CROWN CASTLE Address: 1200 AUSTIN BLVD. HOUSTON, TX 77057 Phone Number: 281.550.4400 Fax Number: 281.550.4400 Contact: JENNY CHITKA	<b>PE ENGINEER</b> Company: CROWN CASTLE Address: 1200 AUSTIN BLVD. HOUSTON, TX 77057 Phone Number: 281.550.4400 Fax Number: 281.550.4400 Contact: JENNY CHITKA
<b>PROJECT MANAGER</b> Company: CROWN CASTLE Address: 1200 AUSTIN BLVD. HOUSTON, TX 77057 Phone Number: 281.550.4400 Fax Number: 281.550.4400 Contact: JENNY CHITKA	

PROJECT SUMMARY	
<b>PROJECT NAME:</b> VERIZON - CINCO RANCH	<b>APPLICANT:</b> CROWN CASTLE
<b>PROJECT AREA:</b> CINCO RANCH, TX	<b>CONTRACT:</b> BRIDGE POTTER
<b>DISCRESSION:</b> PORT BRIDGE POTTER ENGINEERING DEPT. 1120 BLVD. NO. 11-111 PR-28-003-700	<b>CODES:</b> 2009 INTERNATIONAL BUILDING CODE (IBC) 2009 INTERNATIONAL ENERGY CONSERVATION CODE (IECC) 2008 NATIONAL ELECTRICAL SAFETY CODE (NEC)
<b>HANDICAPPED REQUIREMENTS:</b> FACILITY IS UNMANNED AND NOT FOR HANDICAPPED ACCESS REQUIREMENTS ARE NOT REQUIRED.	
<b>PLUMBING REQUIREMENTS:</b> FACILITY IS UNMANNED AND NOT FOR HANDICAPPED ACCESS REQUIREMENTS ARE NOT REQUIRED.	
<b>ELECTRICAL REQUIREMENTS:</b> FACILITY IS UNMANNED AND NOT FOR HANDICAPPED ACCESS REQUIREMENTS ARE NOT REQUIRED.	
<b>CONTACT:</b> JENNY CHITKA 281.550.4400 JENNY.CHITKA@CROWNCASTLE.COM	



Sheet #			11.1 Sheet Index	
Sheet Description			Sheet Description	
11.1	TITLE SHEET	1	11.1	TITLE SHEET
11.2	EQUIPMENT SPECIFICATIONS AND SYMBOLS	2	11.2	EQUIPMENT SPECIFICATIONS AND SYMBOLS
11.3	FOUNDATION SPECIFICATIONS	3	11.3	FOUNDATION SPECIFICATIONS
11.4	BRIDGE POTTER AND ANTI-TURN IN PLAN	4	11.4	BRIDGE POTTER AND ANTI-TURN IN PLAN
11.5	CONNECTIONS TO MAINS	5	11.5	CONNECTIONS TO MAINS
11.6	CONNECTIONS TO MAINS	6	11.6	CONNECTIONS TO MAINS
11.7	CONNECTIONS TO MAINS	7	11.7	CONNECTIONS TO MAINS
11.8	CONNECTIONS TO MAINS	8	11.8	CONNECTIONS TO MAINS

<b>RELEASE</b>	
DATE: 11-29-13	SUBMITTAL: 1ST CITY SUBMITTAL
DATE: 11-29-13	SUBMITTAL: 2ND CITY SUBMITTAL
DATE: 11-29-13	SUBMITTAL: 3RD CITY SUBMITTAL
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DATE: 11-29-13	SUBMITTAL: 94TH CITY SUBMITTAL
DATE: 11-29-13	SUBMITTAL: 95TH CITY SUBMITTAL
DATE: 11-29-13	SUBMITTAL: 96TH CITY SUBMITTAL
DATE: 11-29-13	SUBMITTAL: 97TH CITY SUBMITTAL
DATE: 11-29-13	SUBMITTAL: 98TH CITY SUBMITTAL
DATE: 11-29-13	SUBMITTAL: 99TH CITY SUBMITTAL
DATE: 11-29-13	SUBMITTAL: 100TH CITY SUBMITTAL

	CENTER LINE
	PROPERTY LINE
	ROAD CUT
	MAN
	FIBER
	GAS
	POWER
	SANITARY SEWER
	STORM DRAIN
	WATER
	LIGHT CIRCUIT POWER

	REVISION
	KEY NOTE
	DETAIL REFERENCE
	ELEVATION REFERENCE
	SECTION REFERENCE
	ELEVATION MARKER
	PHOTOGRAM REFERENCE
	ANTENNA AZIMUTH
	NEW NUMBER
	SHEET NUMBER
	SHEET GROUP

	SCALE 1/8" = 1'-0"
	SCALE 1/4" = 1'-0"
	SCALE 3/8" = 1'-0"
	SCALE 1/2" = 1'-0"
	SCALE 5/8" = 1'-0"
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	SCALE 7/8" = 1'-0"
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	SCALE 99" = 1'-0"
	SCALE 100" = 1'-0"

 <b>CROWN CASTLE</b>		1020 ALABAMA DRIVE SUITE 100 FORT WORTH, TEXAS 76102 PH: 817.424.4451										
<b>RECORD DRAWING ISSUE DATE: 4/17/14</b>												
<b>RECORD DRAWING CHARTING ONLY</b>												
 <b>SHIFT</b>		<b>Shift Companies, LLC</b> 3031 FORT WORTH ROAD SUITE 100 FORT WORTH, TEXAS 76102 PH: 817.424.4453										
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<b>RELEASE</b>		SECURITY, LLC 151 CITY CENTER, LLC 22414 4/1/14 PROJECT ADVERTAL										
<b>REVISIONS</b>		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>COMMENT</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>12/11/13</td> <td>FIBER COORDINATION POWER COORDINATION</td> </tr> <tr> <td>4</td> <td>4/17/14</td> <td></td> </tr> </tbody> </table>		NO.	DATE	COMMENT	1	12/11/13	FIBER COORDINATION POWER COORDINATION	4	4/17/14	
NO.	DATE	COMMENT										
1	12/11/13	FIBER COORDINATION POWER COORDINATION										
4	4/17/14											
<b>PRODUCT NAME</b> VERIZON - CINCO RANCH												
<b>NODE ADDRESS</b> NODE #CCR-019-01												
CINCO RANCH BLVD. S.W. OF ENCHENED MEADOW LN.												
<b>HUB AREA</b> CINCO RANCH, TX		<b>IN HOUSE</b> DRAWN BY: SA CHECKED BY: LM 120603										
<b>SHEET TITLE</b> GENERAL NOTES ABBREVIATIONS AND SYMBOLS		<b>PAGE</b> 2 OF 8										
<b>SHEET NUMBER</b> 11.2		CASE #										





LATITUDE:	26.720622
LONGITUDE:	-95.400594
POLE TYPE:	METAL SUMMIT POLE
POLE ID #	NA

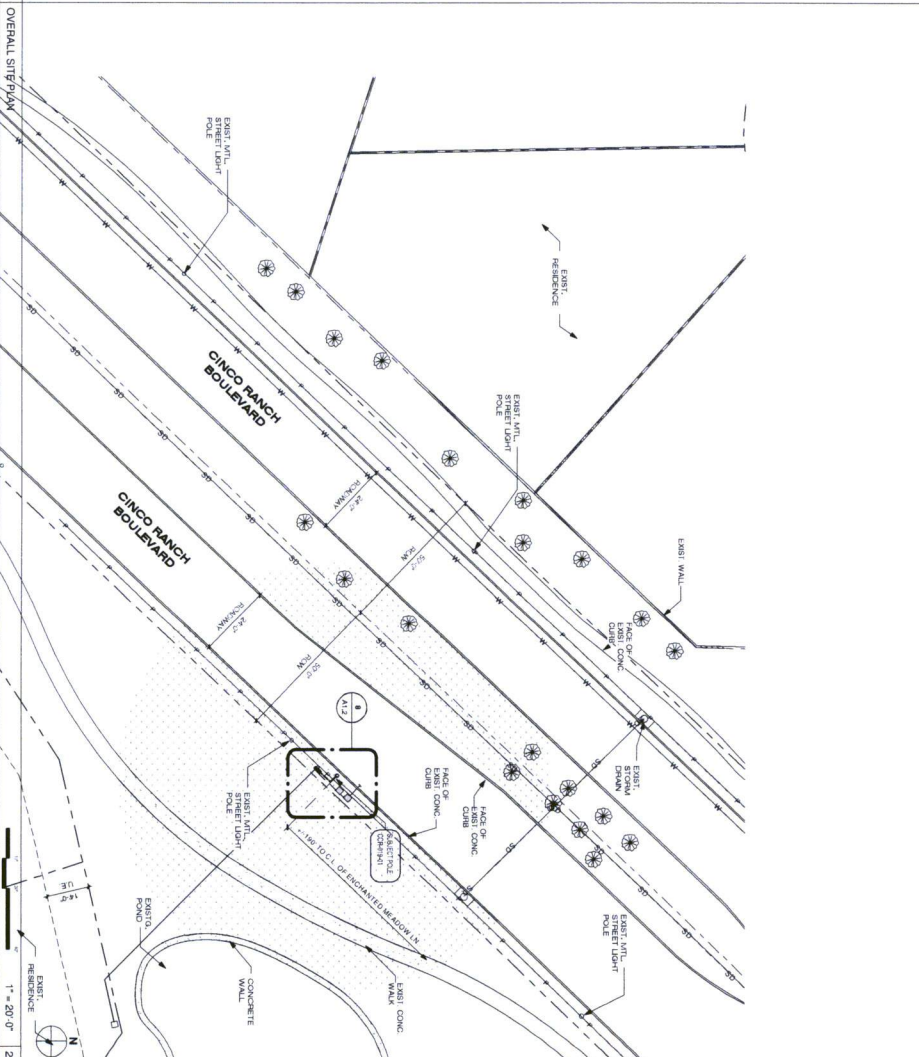
1. PLANT PROPOSED AROUND EQUIPMENT A NATURAL EARTH COOLING ON AS APPROVED BY APPROPRIATE JURISDICTION.
2. CONSTRUCTION TO MATCH LOCAL EXISTING/HIGHWAY UTILITIES PRIOR TO CONSTRUCTION.
3. EX. LANDSCAPE PLANTING AND DECIDUE TREES/SHRUBS/PLANTS SHOULD BE DETERMINED OR DETERMINED AS A RESULT OF CONSTRUCTION SHALL BE DETERMINED TO MATCH LOCAL EX. PRAIRIE PLANTS PRIOR TO CONSTRUCTION.
4. SITE PLAN SHALL A COMMUNAL REPRESENTATION ONLY, VARIOUS ALL DIMENSIONS.
5. VARIOUS ALL PROPERTY LINE INFORMATION WITH AN AVAILABLE TO GO WITH A.
6. EXIST. UTILITY LOCATING SHEET ON PLANS ARE APPROPRIATE ONLY (AS APPROVED BY APPLICABLE JURISDICTION).

**811**  
BEFORE YOU DIG.  
UNDERGROUND SERVICE  
ALERT OF TEXAS  
1-800-545-6005

**CROWN CASTLE**  
CROWN CASTLE  
10101 LON. TX 77062  
PH: 650.243.4401

RECORD DRAWINGS ISSUE DATE: 4/17/4

RECORD DRAWING DRAFTING ONLY



RELEASE		
DATE	SUBMITTAL	
1/26/13	1ST CITY SUBMITTAL	
2/6/14	HQA REVISION	
4/1/14	PERMIT SUBMITTAL	
REVISIONS		
NO.	DATE	COMMENT
	12/11/13	FIBER COORDINATION
	4/1/14	POWER COORDINATION

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VERIZON - CINCO RANCH

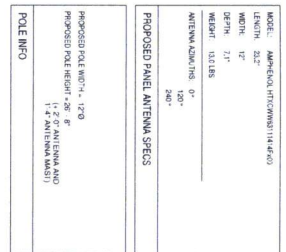
CINCO RANCH BLVD.,  
S.W. OF ENCHanted  
MEADOW LN.

CINCO RANCH, TX

SHIFT JOB NUMBER	IN HOUSE
120603	
DRAWN BY: RA	
CHECKED BY: CM	

SHEET NUMBER PAGE





KEYNOTE	KEYNOTE LEGEND	DETAIL NUMBER
A01	PROPOSED CHOWN CASTLE COURT APARTMENT	1301.1
A03	PROPOSED CHOWN CASTLE KEYNOTE UNIT UNDER	1301.1
A04	PROPOSED NEW REPLACEMENT POLE	46
A05	PROPOSED CHOWN CASTLE UNDERGROUND CONC. TIEBARS WALL	1301.2
A06	PROPOSED CHOWN CASTLE MOORE EXTERIORIZATION	1301.3
A07	PROPOSED CHOWN CASTLE EQUIPMENT CABINET	1301.3
A08	PROPOSED CHOWN CASTLE POLE FOUNDATION	1301.1
A09	PROPOSED CHOWN CASTLE CONSULTANT	1301.4
A10	SHOULD BE USED UNDERGROUND CONC. TIEBARS WALL	1301.4
A11	SHOULD BE USED UNDERGROUND CONC. TIEBARS WALL	1301.4
E01	PROPOSED POWER WIRE IN POLE TIEBARS WALL AND MOORE EXTERIORIZATION	1301.1



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

RECORD DRAWINGS ISSUE DATE: 4.17.14

RECORD DRAWING DRAFTING ONLY

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RELEASE	
DATE	SUBMITTAL
11-29-13	1ST CITY SUBMITTAL
2-21-14	HOA REVISION
4-17-14	PERMIT SUBMITTAL

REVISIONS		
NO.	DATE	COMMENT
	12.11.19	FIBER COORDINATION
	4.17.14	POWER COORDINATION

PROJECT NAME  
VERIZON - CINCO RANCH

Node Address

NODE #:CCH-019-01

CINCO RANCH BLVD.,  
S.W. OF ENCHANCED  
MEADOW LN.

HUB AREA

CINCO RANCH, TX

120603  
DRAWN BY: RA  
CHECKED BY: CM

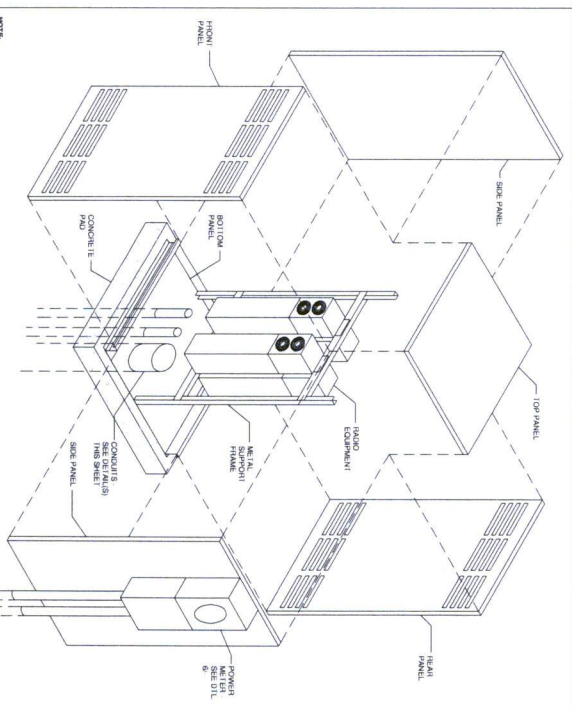
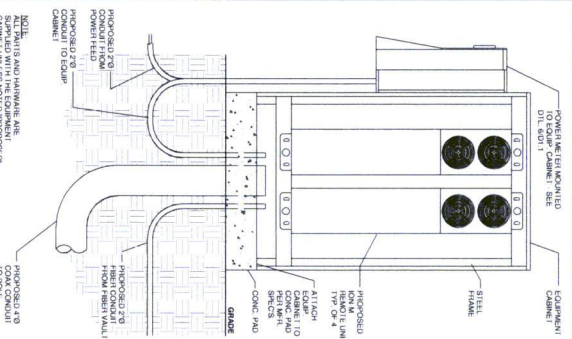
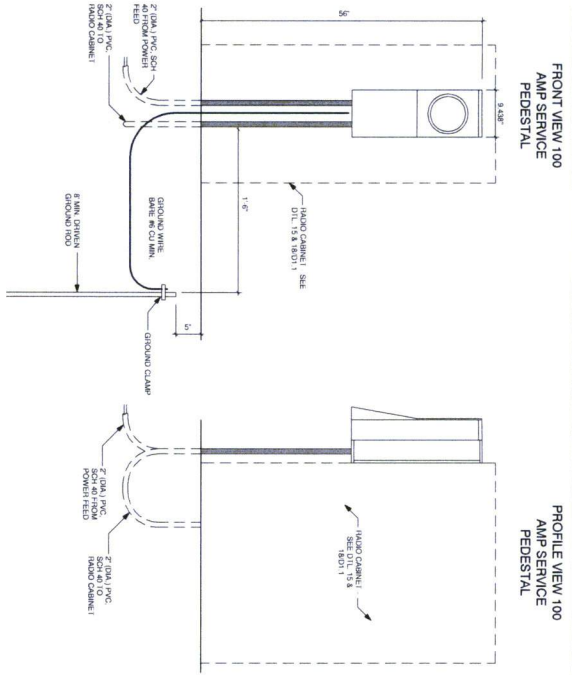
## POLE ELEVATION, PROPOSED

SHEET NUMBER

PAGE

5 OF 8

A1.3



POWER METER - MOUNTED TO RADIO CABINET

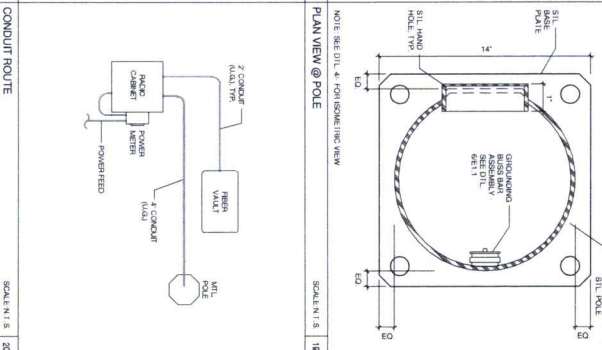
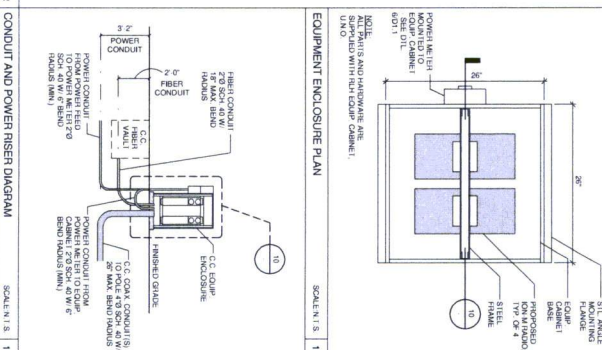
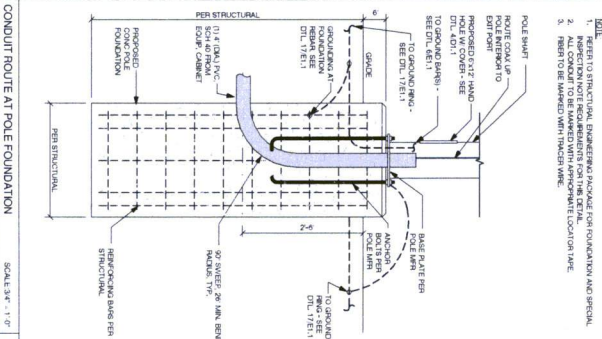
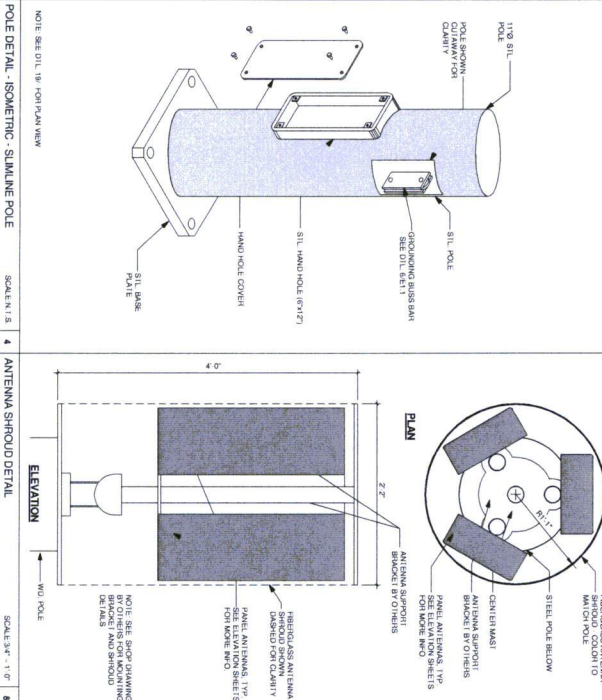
SCALE: 1" = 1'-0"

EQUIPMENT CABINET SECTION

SCALE: 1" = 1'-0"

EQUIPMENT ENCLOSURE

SCALE: 1" = 1'-0"



PROJECT NAME: VERON - CINCO RANCH

PROJECT ADDRESS: CINCO RANCH BLVD., S.W. OF ENCHANDADO MEADOW LN.

PROJECT NUMBER: 120603

PROJECT DATE: 4/20/2014

PROJECT DRAWN BY: J. M. GARCIA

PROJECT CHECKED BY: J. M. GARCIA

PROJECT SCALE: 1" = 1'-0"

PROJECT SHEET: 6 OF 8

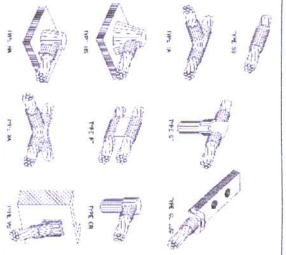
PROJECT DATE: 4/20/2014

PROJECT TIME: 11:50:54 PM



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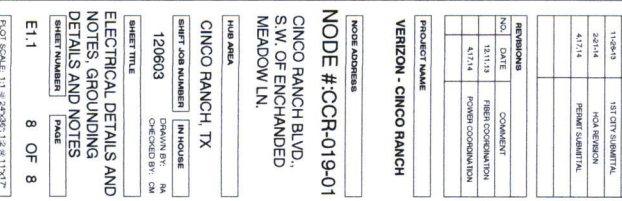
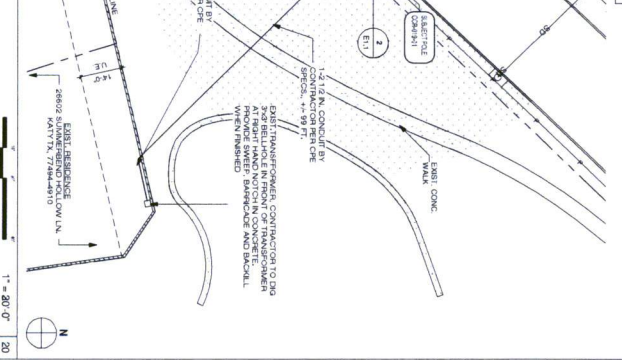
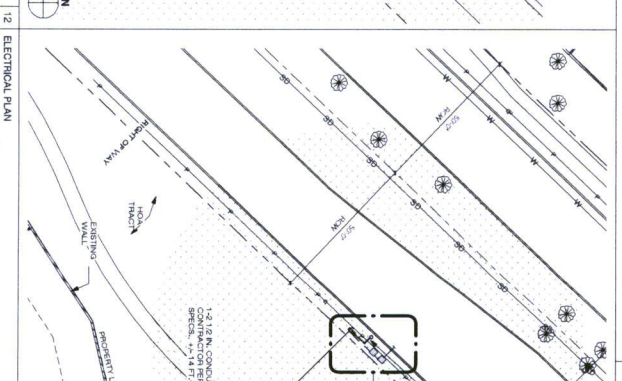
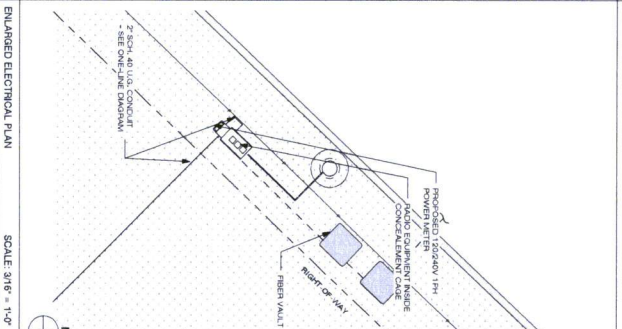
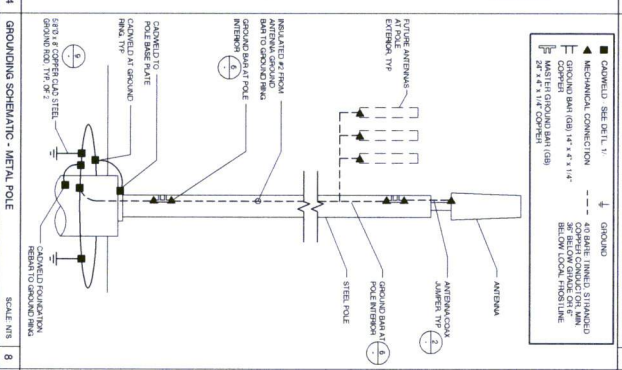
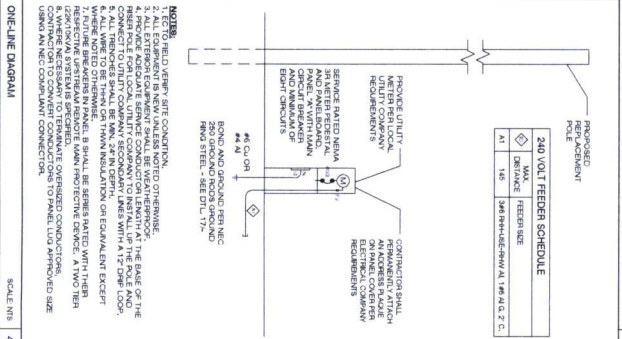
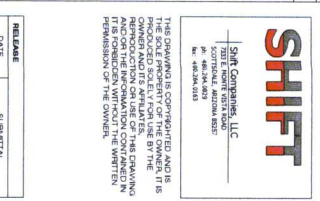
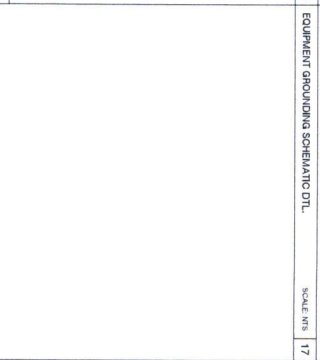
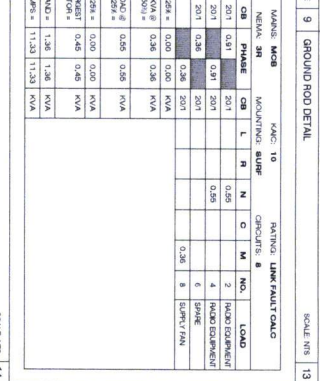
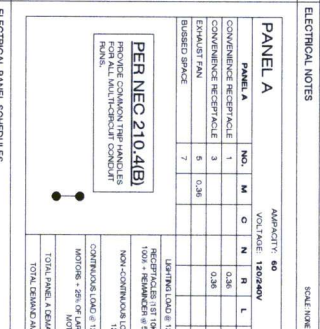
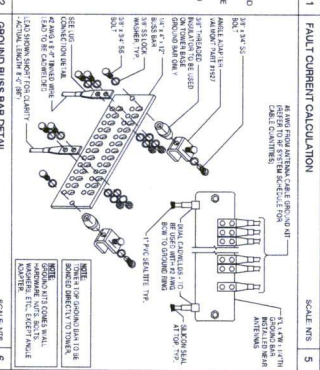
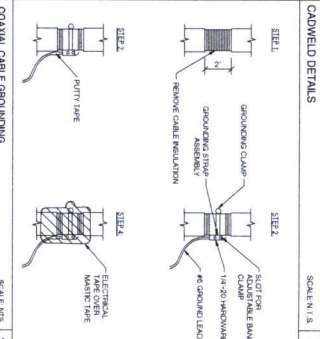
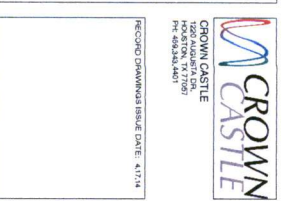
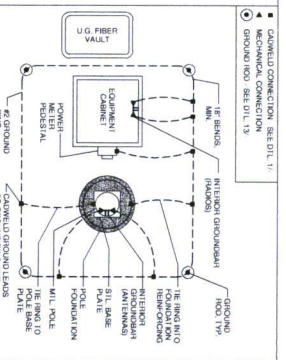
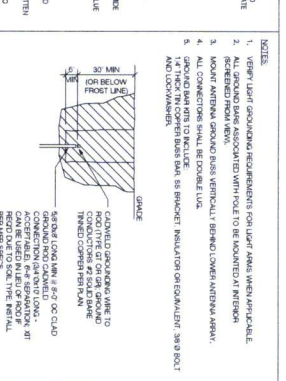


PROJECT INFORMATION

NO.	DESCRIPTION	DATE
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2	GROUNDING DETAIL	4/17/14
3	GROUNDING SCHEDULE	4/17/14
4	GROUNDING PLAN	4/17/14
5	ELECTRICAL PLAN	4/17/14
6	ELECTRICAL SCHEDULE	4/17/14
7	ELECTRICAL DETAIL	4/17/14
8	ELECTRICAL PLAN	4/17/14
9	ELECTRICAL SCHEDULE	4/17/14
10	ELECTRICAL DETAIL	4/17/14
11	ELECTRICAL PLAN	4/17/14
12	ELECTRICAL SCHEDULE	4/17/14
13	ELECTRICAL DETAIL	4/17/14
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15	ELECTRICAL SCHEDULE	4/17/14
16	ELECTRICAL DETAIL	4/17/14
17	ELECTRICAL PLAN	4/17/14

GROUNDING SCHEDULE

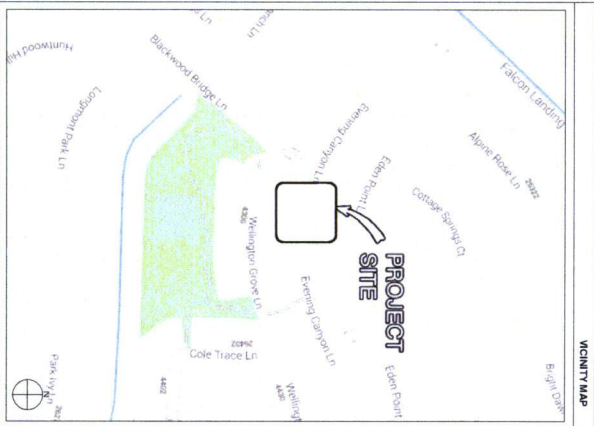
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13	GROUNDING SCHEDULE	4/17/14
14	GROUNDING SCHEDULE	4/17/14
15	GROUNDING SCHEDULE	4/17/14
16	GROUNDING SCHEDULE	4/17/14
17	GROUNDING SCHEDULE	4/17/14







PROJECT NAME: VERIZON - CINCO RANCH  
PROJECT ADDRESS: BLACKWOOD BRIDGE LN. & EVENING CANYON LN.  
PROJECT TYPE: METAL SLIMLINE POLE  
HUB AREA: CINCO RANCH, TX  
NODE #(s): CCR-015-01  
COORDINATES: LAT: 29.728929, LONG: -95.812045



PROJECT TEAM	
<b>ARCHITECT</b> Company: CROWN CASTLE Address: 7701 E. MONTE VENTURO HOUSTON, TX 77061 Phone Number: 281.444.4444 Fax Number: 281.444.4444 Contact: BRUCE POTTER	<b>STRUCTURAL</b> Company: CROWN CASTLE Address: 7701 E. MONTE VENTURO HOUSTON, TX 77061 Phone Number: 281.444.4444 Fax Number: 281.444.4444 Contact: BRUCE POTTER
<b>PE ENGINEER</b> Company: CROWN CASTLE Address: 7701 E. MONTE VENTURO HOUSTON, TX 77061 Phone Number: 281.444.4444 Fax Number: 281.444.4444 Contact: BRUCE POTTER	<b>FIBER ENGINEERING</b> Company: CROWN CASTLE Address: 7701 E. MONTE VENTURO HOUSTON, TX 77061 Phone Number: 281.444.4444 Fax Number: 281.444.4444 Contact: BRUCE POTTER

PROJECT SUMMARY	
<b>PROJECT NAME:</b> VERIZON - CINCO RANCH	<b>APPLICANT:</b> CROWN CASTLE
<b>PROJECT AREA:</b> CINCO RANCH, TX	<b>PROJECT ADDRESS:</b> BLACKWOOD BRIDGE LN. & EVENING CANYON LN.
<b>DESCRIPTION:</b> METAL SLIMLINE POLE	<b>CONTRACT:</b> BRUCE POTTER
<b>PERMITTING:</b> CROWN CASTLE	<b>PERMIT:</b> BRUCE POTTER
<b>PERMITTING:</b> CROWN CASTLE	<b>PERMIT:</b> BRUCE POTTER

Sheet #	Sheet Description	Page
1	TITLE SHEET	1
2	GENERAL NOTES AND SPECIFICATIONS	2
3	FOUNDATION SPECIFICATIONS	3
4	STRUCTURAL SPECIFICATIONS	4
5	ELECTRICAL SPECIFICATIONS	5
6	CONNECTIONS	6
7	CONNECTIONS	7
8	CONNECTIONS	8

RELEASE	
DATE:	01/01/2014
BY:	11/28/13
FOR:	PERMIT SUBMITTAL

REVISIONS		
NO.	DATE	DESCRIPTION
1	11/28/13	PERMIT SUBMITTAL
2	11/28/13	PERMIT SUBMITTAL

PROJECT NAME	
VERIZON - CINCO RANCH	

NODE ADDRESS	
NODE #: CCR-015-01	
BLACKWOOD BRIDGE LN. & EVENING CANYON LN.	

HUB AREA	
CINCO RANCH, TX	

SHIFT JOB NUMBER	
120603	

SHIFT TITLE	
TITLE SHEET	

SHEET NUMBER	
11.1	

PAGE	
1 OF 8	

PROJECT CHECK #	
CASE #	

[illegible]

**SHIFT**

Shift Companies, LLC  
7533 E. MONTIE VISTA ROAD  
SCOTTSDALE, ARIZONA 85257  
tel: 480.244.4829  
fax: 480.244.0163

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RELEASE	
DATE	SUBMITTAL
11-29-13	1ST CITY SUBMITTAL
4/17/14	PERMIT SUBMITTAL

REVISIONS		
NO.	DATE	COMMENT
	12.11.13	FIBER COORDINATION
	4.17.14	POWER COORDINATION

PROJECT NAME
--------------

VERIZON - CINCO RANCH

Node Address
--------------

NODE #:CCR-015-01

BLACKWOOD BRIDGE

LN. & EVENING CANYON  
LN.

HUB AREACINCO RANCH, TX

SHIP JOB NUMBER	IN HOUSE
120603	
DRAWN BY: RA	
CHECKED BY: CM	

SHEET TITLE

## GENERAL NOTES

### ABBREVIATIONS AND

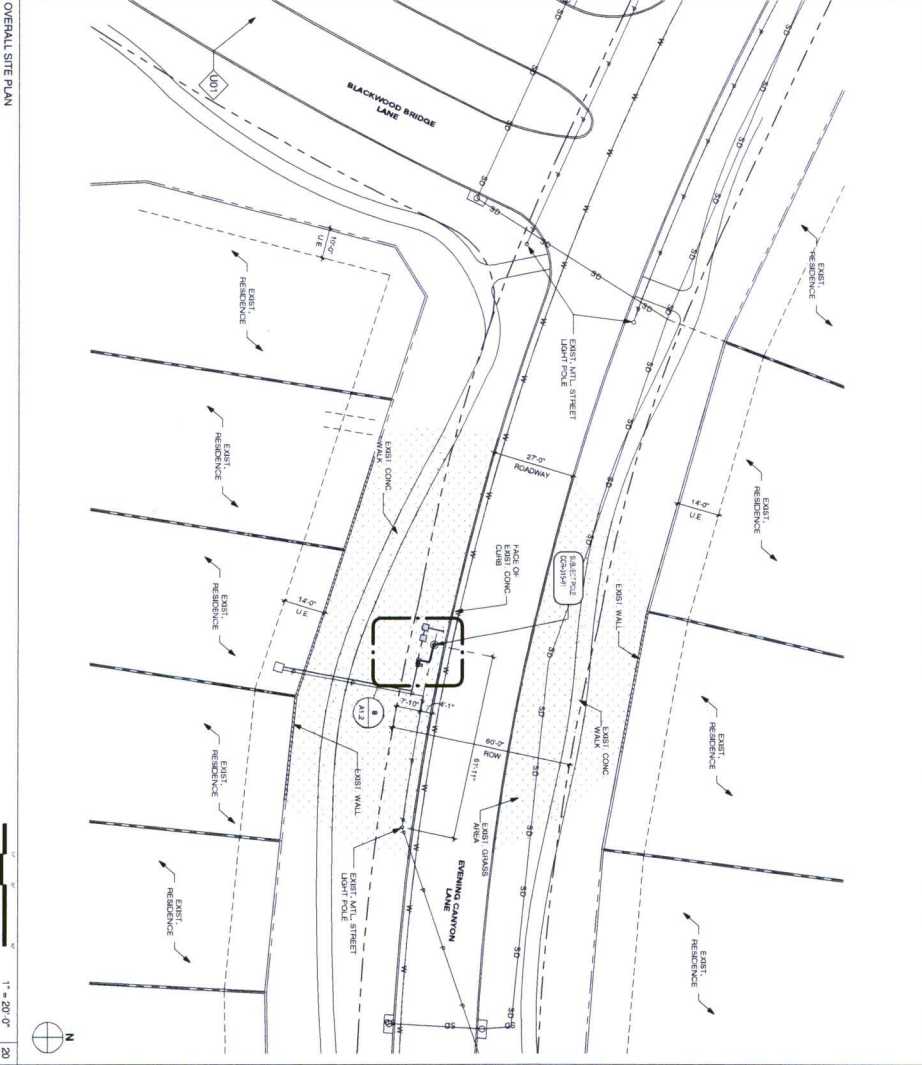
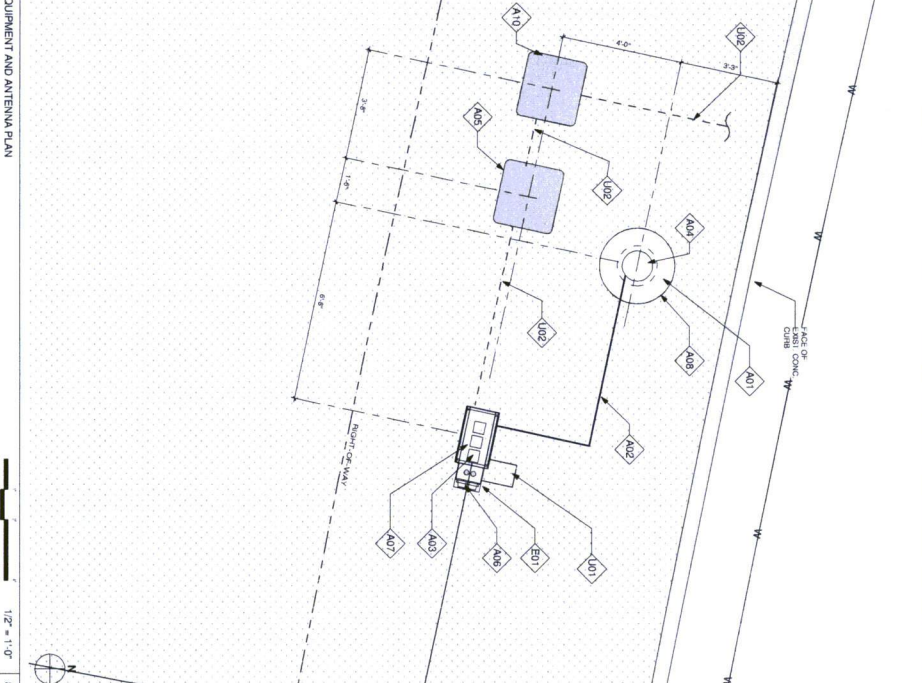
SYMBOLS

T1.2 2 OF 8





KEYNOTE LEGEND		KEYNOTE LEGEND	
KEYNOTE	DESCRIPTION	KEYNOTE	DESCRIPTION
A01	PROPOSED CROWN CASTLE CABLE ANTENNA	E01	PROPOSED POWER WIRE DISTRIBUTION PANEL
A02	PROPOSED CROWN CASTLE UNDERGROUND AND CABLE	E02	PROPOSED CROWN CASTLE UNDERGROUND AND CABLE
A03	PROPOSED CROWN CASTLE UNDERGROUND AND CABLE	E03	PROPOSED CROWN CASTLE UNDERGROUND AND CABLE
A04	PROPOSED CROWN CASTLE UNDERGROUND AND CABLE	E04	PROPOSED CROWN CASTLE UNDERGROUND AND CABLE
A05	PROPOSED CROWN CASTLE UNDERGROUND AND CABLE	E05	PROPOSED CROWN CASTLE UNDERGROUND AND CABLE
A06	PROPOSED CROWN CASTLE UNDERGROUND AND CABLE	E06	PROPOSED CROWN CASTLE UNDERGROUND AND CABLE
A07	PROPOSED CROWN CASTLE UNDERGROUND AND CABLE	E07	PROPOSED CROWN CASTLE UNDERGROUND AND CABLE
A08	PROPOSED CROWN CASTLE UNDERGROUND AND CABLE	E08	PROPOSED CROWN CASTLE UNDERGROUND AND CABLE
A09	PROPOSED CROWN CASTLE UNDERGROUND AND CABLE	E09	PROPOSED CROWN CASTLE UNDERGROUND AND CABLE
A10	PROPOSED CROWN CASTLE UNDERGROUND AND CABLE	E10	PROPOSED CROWN CASTLE UNDERGROUND AND CABLE



LATITUDE:	30.72609
LONGITUDE:	-96.1304
POLE TYPE:	NETAL BLANKING POLE
POLE ID #:	NA

- GENERAL NOTES**
1. ALL PROPOSED EQUIPMENT LOCATIONS ARE APPROVED BY THE CITY OF DALLAS.
  2. CONSTRUCTION TO BE COMPLETED BY 12/31/2014.
  3. EX. LANDSCAPE PLANTINGS AND EXISTING UTILITY LINES SHALL BE IDENTIFIED ON THE SITE PLAN AND SHALL BE PROTECTED DURING CONSTRUCTION.
  4. CONSTRUCTION TO BE COMPLETED BY 12/31/2014.
  5. SITE PLANS A COMMUNITY REPRESENTATION ONLY. VERIFY ALL.
  6. VERIFY ALL UTILITY LOCATIONS SHOWN ON PLANS ARE APPROXIMATE ONLY.
  7. EXIST. UTILITY LOCATIONS SHOWN ON PLANS ARE APPROXIMATE ONLY.



**SHIFT**

SHIFT COMPANIES, LLC  
1301 E. NORTH ST. SUITE 100  
DALLAS, TX 75202  
PH: 972-342-8833  
WWW.SHIFT-LLC.COM

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RELEASE	DATE	BY	FOR
1	11/28/13	US CITY ENGINEER	PERMIT SUBMITTAL
2	11/28/13	PERMIT SUBMITTAL	

REVISION	DATE	DESCRIPTION
1	11/28/13	PERMIT SUBMITTAL
2	11/28/13	PERMIT SUBMITTAL

PROJECT NAME: VERIZON - CINCO RANCH

MODE ADDRESS: CINCO RANCH, TX

MODE #: CCR-015-01

BLACKWOOD BRIDGE LN. & EVENING CANYON LN.

SHEET NUMBER: 4 OF 8

PAGE: 4 OF 8

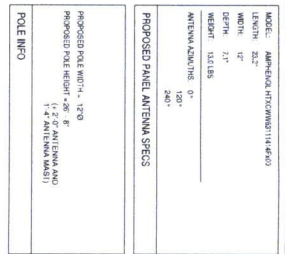
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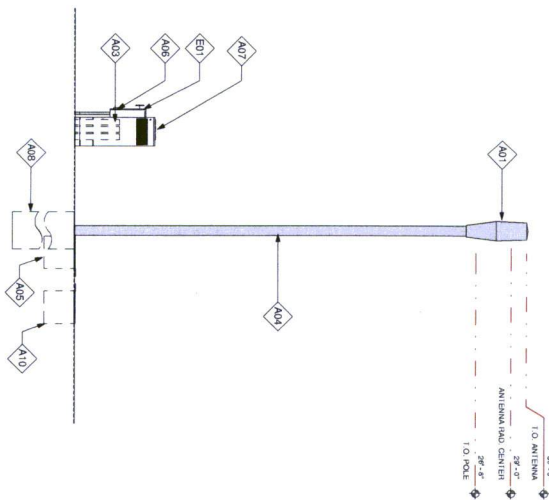
RECORD DRAWING ISSUE DATE: 4/17/14

RECORD DRAWING CHITING ONLY





KEYNOTE	KEYNOTE LEGEND	DETAIL NUMBER
A01	PROPOSED CHOWN CASTLE CASTLE ANTENNA	501.0-1
A03	PROPOSED CHOWN CASTLE KEYNOTE LINDI UNDE	1501.0-1
A04	PROPOSED NEW REPLACEMENT POLE	400-1
A05	PROPOSED CHOWN CASTLE UNDERGROUND	501.0-2
A06	PROPOSED CHOWN CASTLE NODE DESCRIPTION	2001.0-2
A07	PROPOSED CHOWN CASTLE EQUIPMENT CABINET	1501.0-1
A08	PROPOSED CHOWN CASTLE POLE FOUNDATION	1501.0-1
A09	PROPOSED CHOWN CASTLE CONVEYMENT	501.0-1
A10	PROPOSED NEW UNDERGROUND CONVEYMENT	501.0-1
E01	PROPOSED POWER WITHIN ELECTRICAL	501.0-1
	PROPOSED NEW ANTENNA AND DISCONNECTED	



**SHIFT**

Shift Companies, LLC  
2115 E. FRONT ST. 12 FLOOR  
SCOTTSDALE, ARIZONA 85257  
ph: 480.294.0823  
fax: 480.294.0163

**CROWN CASTLE**  
1220 AUGUSTA DR.  
HOUSTON, TX 77057  
PH: 409.343.4401

RECORD DRAWINGS ISSUE DATE: 4.17.14

RECORD DRAWING DRAFTING ONLY

RELEASE	
DATE	SUBMITTAL
11-26-13	1ST CITY SUBMITTAL
4.17.14	PERMIT SUBMITTAL

REVISIONS		
NO.	DATE	COMMENT
	12.11.13	FIBER COORDINATION
	4.17.14	POWER COORDINATION

VERIZON - CINCO RANCH

Node Address	Node Name	Node Type	Node Status	Node Description
1	Node 1	...	...	...
2	Node 2	...	...	...
3	Node 3	...	...	...
4	Node 4	...	...	...
5	Node 5	...	...	...
6	Node 6	...	...	...
7	Node 7	...	...	...
8	Node 8	...	...	...
9	Node 9	...	...	...
10	Node 10	...	...	...
11	Node 11	...	...	...
12	Node 12	...	...	...
13	Node 13	...	...	...
14	Node 14	...	...	...
15	Node 15	...	...	...
16	Node 16	...	...	...
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18	Node 18	...	...	...
19	Node 19	...	...	...
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22	Node 22	...	...	...
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25	Node 25	...	...	...
26	Node 26	...	...	...
27	Node 27	...	...	...
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90	Node 90	...	...	...
91	Node 91	...	...	...
92	Node 92	...	...	...
93	Node 93	...	...	...
94	Node 94	...	...	...
95				

NODE #:CCR-015-01

BLACKWOOD BRIDGE  
LN. & EVENING CANYON  
LN.

HUB AREA

CINCO RANCH, TX

4206200

SHEET 111 F

## POLE ELEVATION

1

0-8750-0000-0 \$5.00

1000

PLOT SCALE: 1:1 @ 2

CASE #

PLAN CHECK #

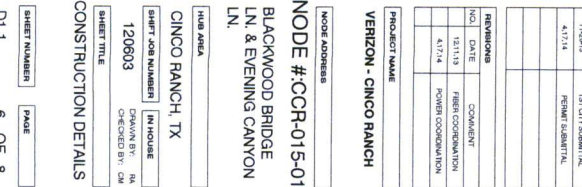
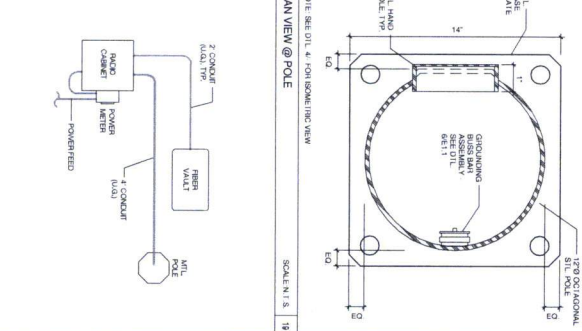
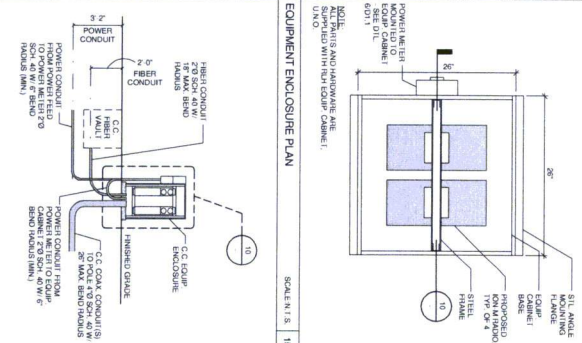
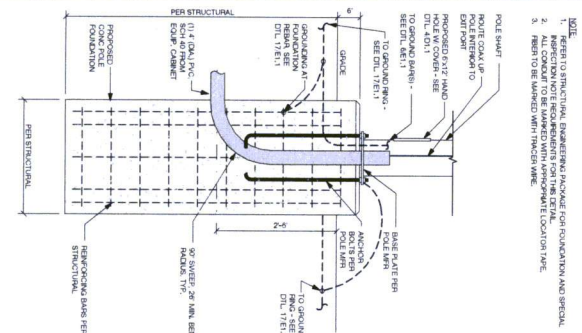
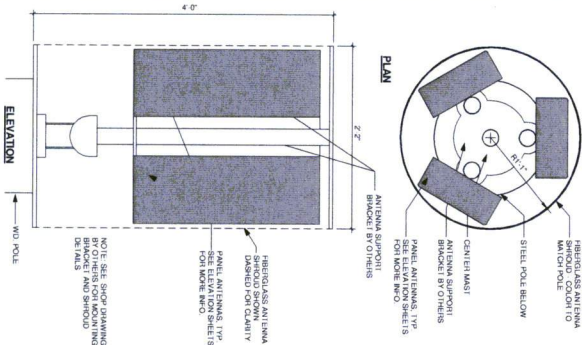
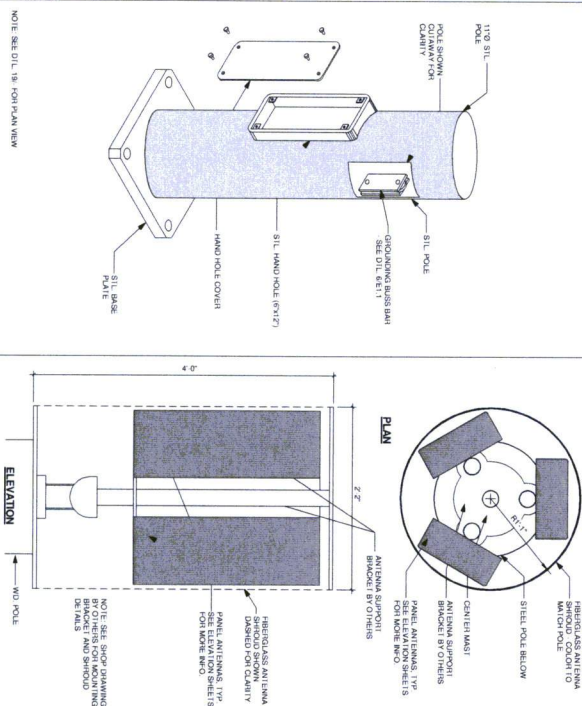
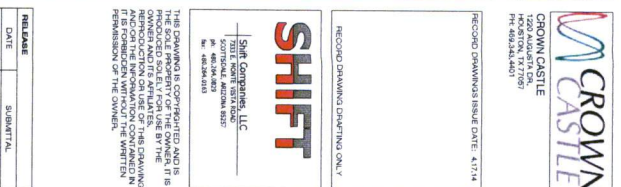
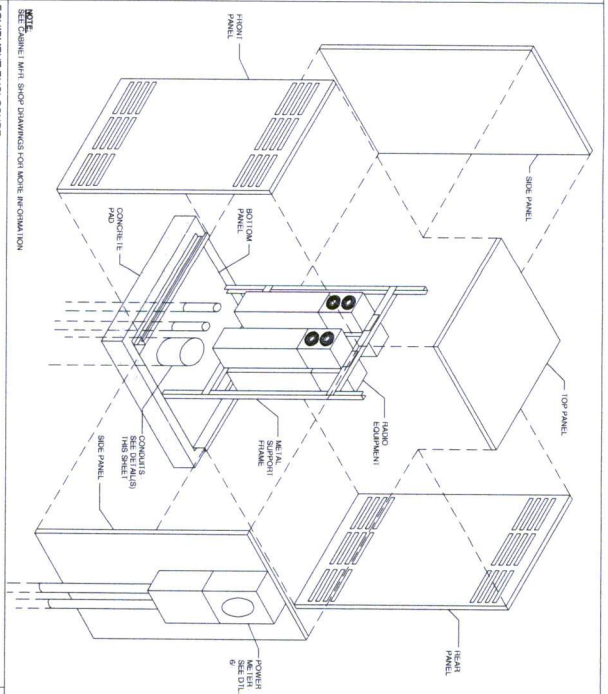
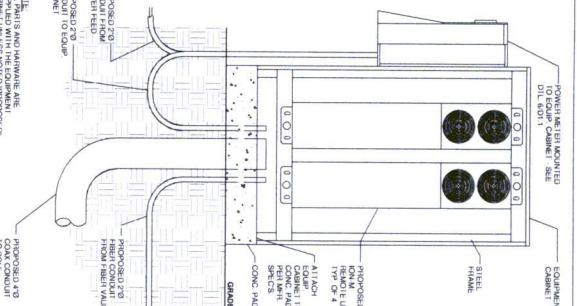
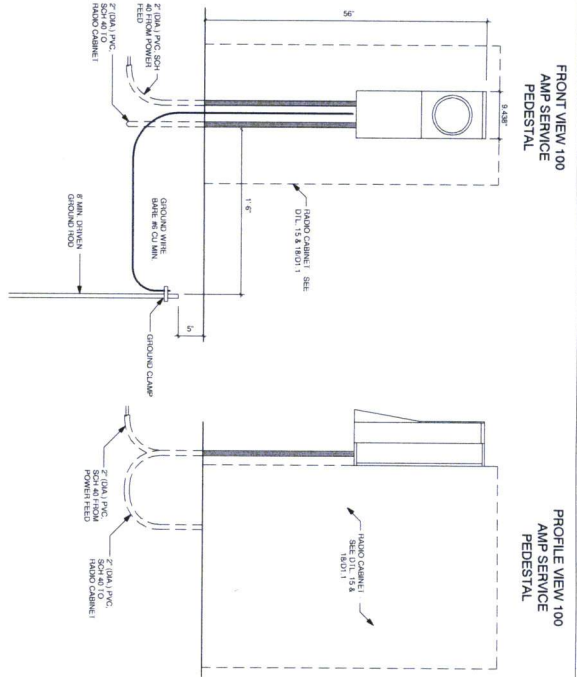
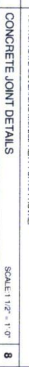




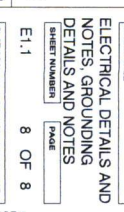
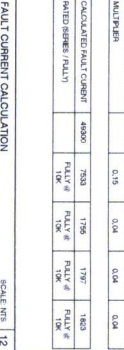
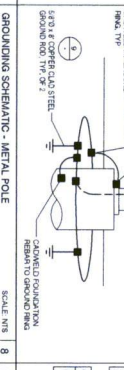
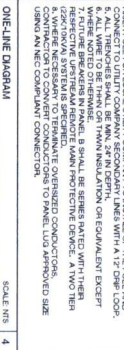
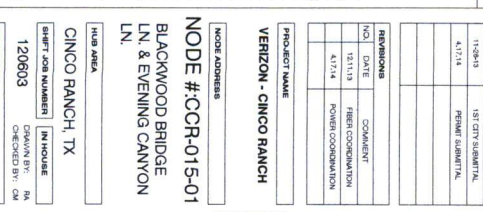
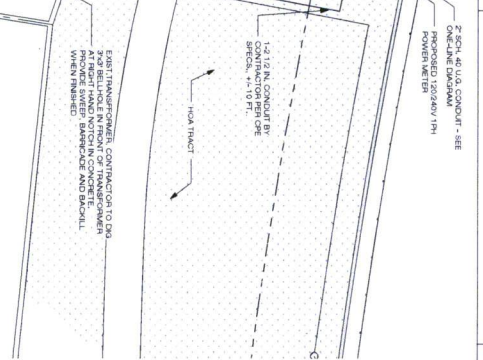
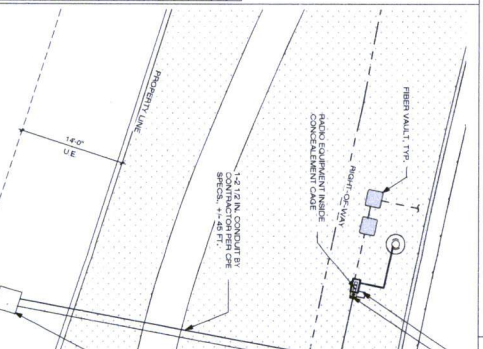
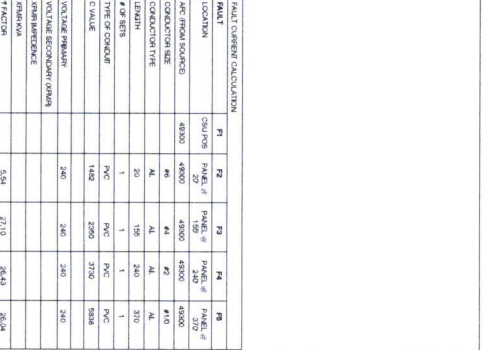
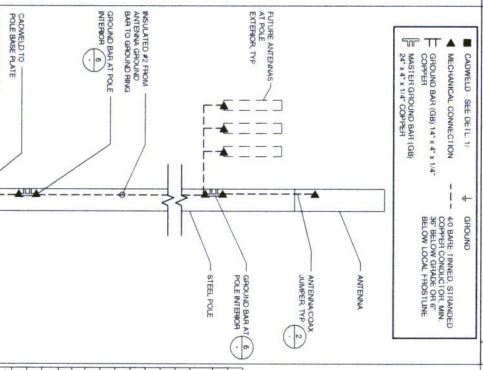
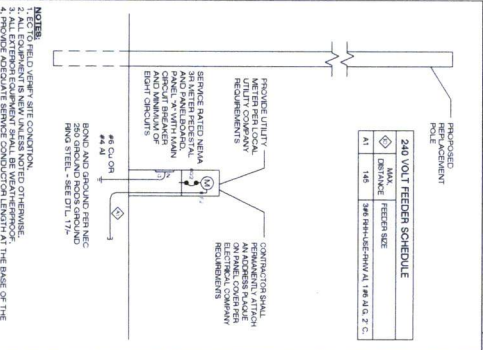
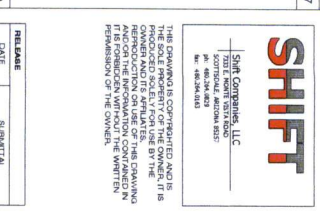
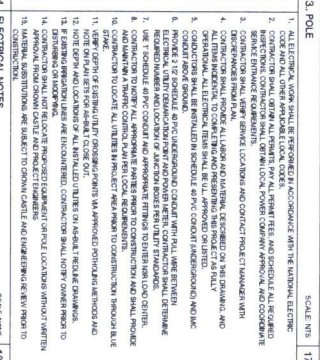
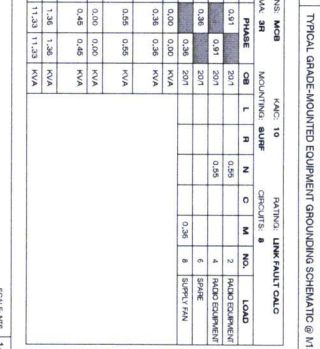
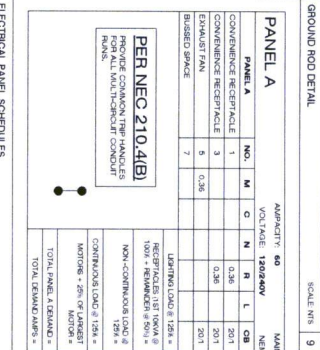
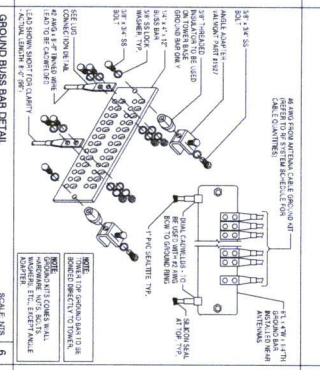
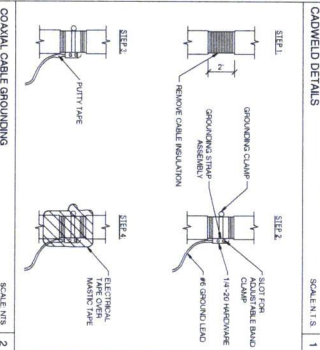
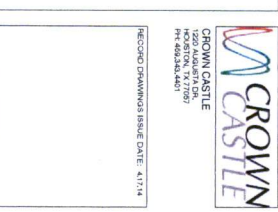
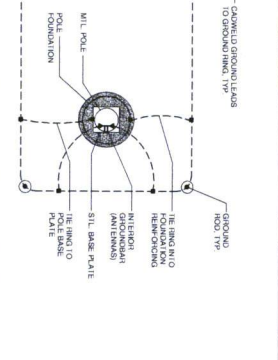
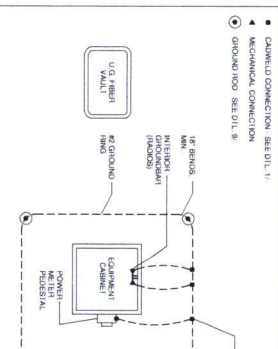
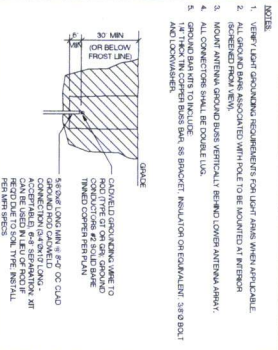
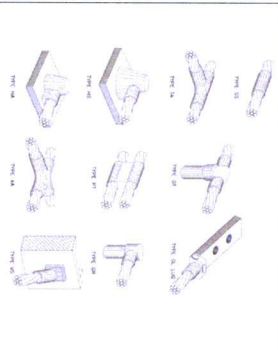


Diagram illustrating the dimensions and components of a 3' x 6' AC Patch:

- Overall dimensions: 3' MIN AC PATCH (width) and 6' (length).
- Internal dimensions: 1'-0" (width) and 6' (length).
- Labels:
  - AC PATCH PATCH TO MATCH EX. PATCHMENT IDENTIFICATION: REFERENCE THIS SHEET
  - 3' x 6' AC PATCH
  - AC PATCH
  - AC PATCH
  - AC PATCH











[illegible]

	CENTER LINE
	PROPERTY LINE
	REPORT CARD WAY
	RISER
	GAS
	POWER
	SANITARY SEWER
	STORM DRAIN
	WATER
	LIGHT CIRCUIT POWER

	REVISION
	KEY NOTE
	ELEVATION REFERENCE
	SECTION REFERENCE
	ELEVATION MARKER
	PHOTOGRAM REFERENCE
	ANTENNA AZIMUTH
	VIEW NUMBER
	SHEET NUMBER
	SHEET GROUP

SCALE: NTS

20


ABBREVIATIONS AND SYMBOLS





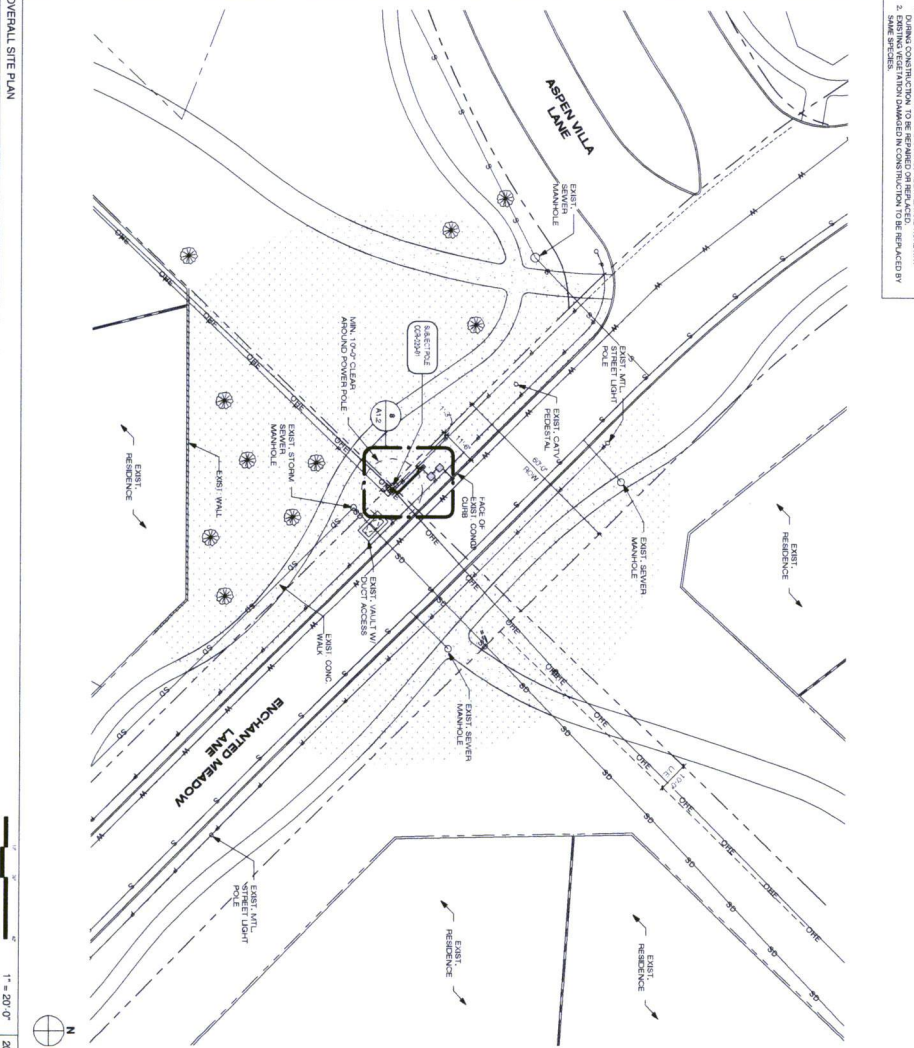
**GENERAL NOTES**


1. PLANT PROPOSED AROUND FOUNDATION AT NATURAL EARTH ELEVATION AS APPROVED BY CITY.
2. SOILS TO CONTAIN REDUCED CLAY. UNDESIRABLE UTILITIES
3. EX. LANDSCAPE PLANTINGS AND DECORATIVE HEDGEROWS, IDENTIFIED ON IDENTITIES AS A RESULT OF CONSTRUCTION SHALL BE REMOVED ON IDENTITIES AS A RESULT OF CONSTRUCTION SHALL BE
4. CONNECTION TO LAND LOCATE EX. RELOCATION PRIOR TO EXCAVATION.
5. SITE PLAN IS A CHANGEMAN REPRESENTATION ONLY. VERY ALL DIMENSIONS.
6. VERIFY ALL PROPERTY LINE INFORMATION WITH AVAILABLE C.O. DATA.
7. VERIFY ALL INFORMATION ON PLANS ARE APPROPRIATE ONLY AS PROVIDED BY LOCAL UTILITIES.



CALL TOLL WORKING DAYS  
BEFORE YOU DIG.  
FOR INFORMATION AND SERVICE  
ABOUT EX. TEXAS  
1-800-945-6105

1. ANY DAMAGE TO EXISTING GUTTER, CURB, SIDEWALK AND ROADWAY DURING CONSTRUCTION TO BE REPAIRED OR REPLACED.
2. EXISTING VEGETATION DAMAGED IN CONSTRUCTION TO BE REPLACED SAME SPECIES.





**CROWN CASTLE**  
12500 ALABAMA DR.  
DALLAS, TX 75244  
Tel: 469.334.4401

RECORD DRAWING ISSUE DATE: 4.17.14

RECORD DRAWING EXPIRATION ONLY

# SHIFT

**SPA COMPANIES, LLC**  
20201 E. BOWEN AVE. SUITE 100  
DALLAS, TX 75244  
Tel: 469.334.4433

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**RELEASE**

DATE	REASON
11/26/13	152 CITY SUBMITTAL
12/11/13	12.11.13 SUBMITTAL

**REVISIONS**

NO.	DATE	COMMENT
1	12/11/13	FINAL COORDINATION
2	12/11/13	CENTERSPOINT SUBMITTAL
3	4.17.14	CENTERSPOINT RESUBMITTAL

**PROJECT NAME**

VERIZON - CINCO RANCH

**NODE ADDRESS**

NODE #CCR-020-01

**ENCHANTED MEADOW LN., S.W. OF ASPEN VILLA LN.**

**FILED AREA**

CINCO RANCH, TX

**SHEET JOB NUMBER**

120603

**SHEET TITLE**

SITE PLAN, EQUIPMENT AND ANTENNA PLAN

**SHEET NUMBER**

A1.2

**DESIGNED BY:** CHAN, W. BY: CHAN, W.

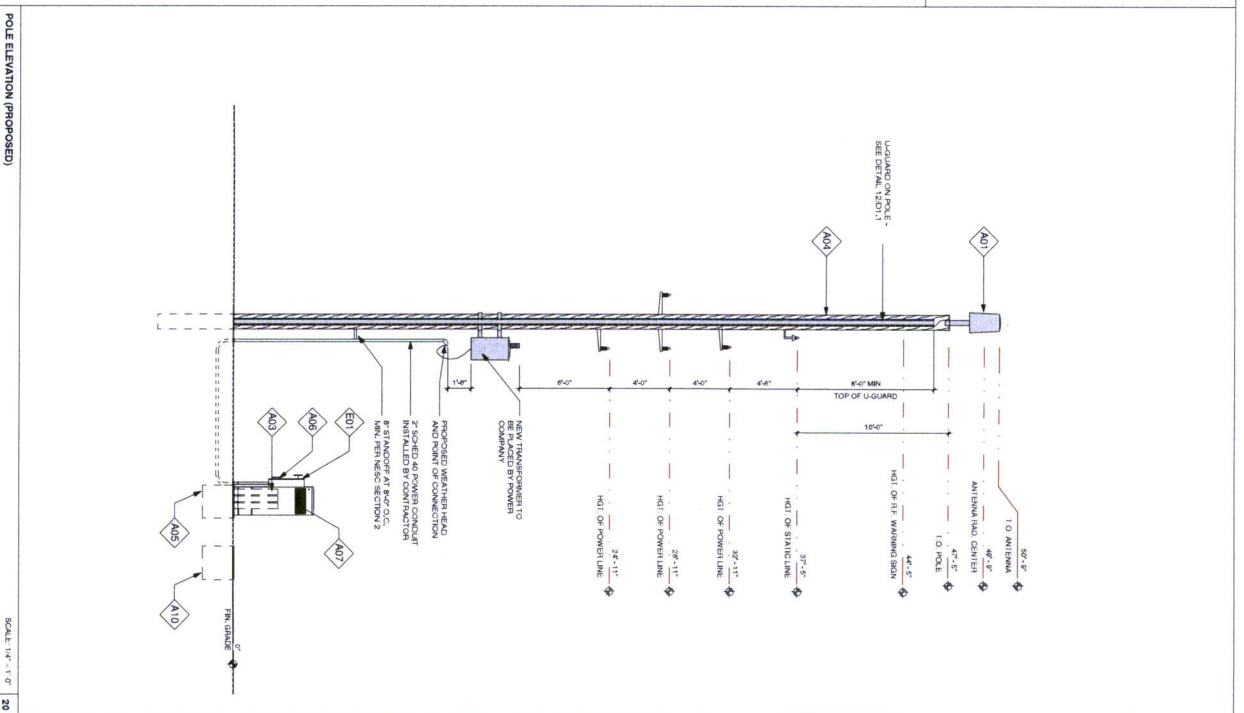
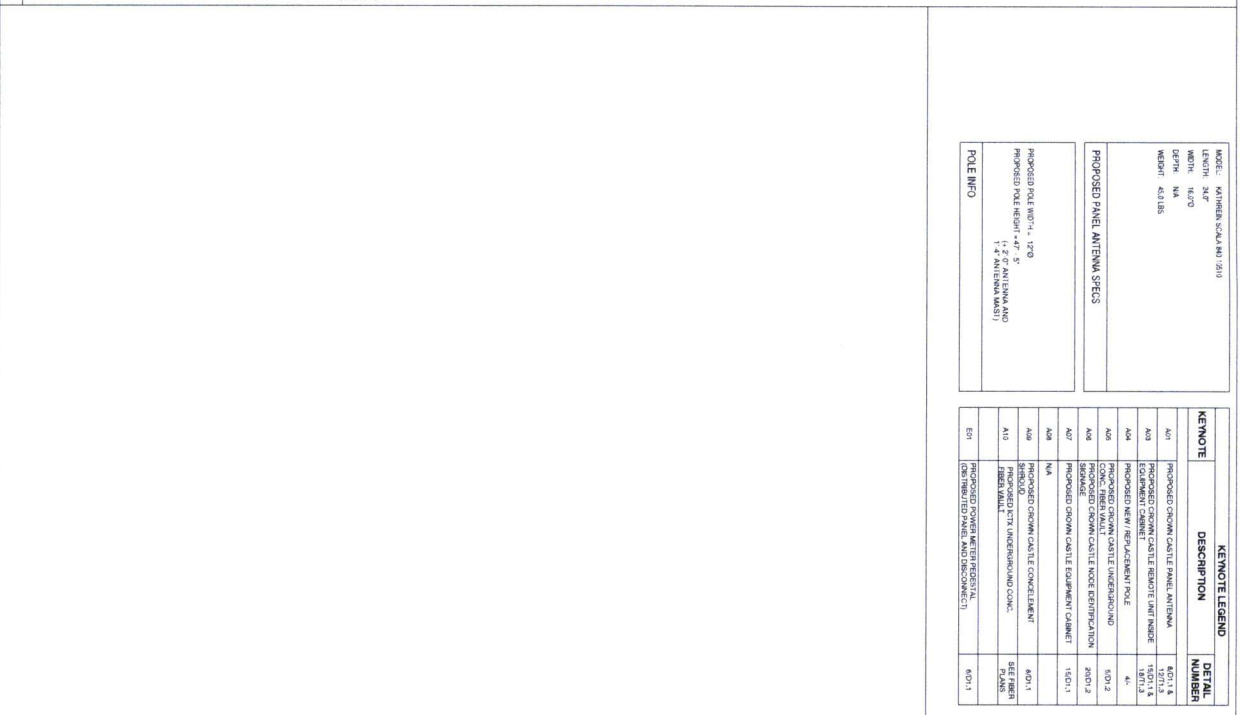
**CHECKED BY:** CHAN, W. BY: CHAN, W.


**PAGE**

4 OF 8

CASE # 111-2-20067-12.18 11/17/17








**CROWN CASTLE**  
1250 MARSH DR  
HOUSTON, TX 77067  
TEL: 281.280.1000  
FAX: 281.280.1001

RECORD DRAWING ISSUE DATE: 4.7.14

RECORD DRAWING DRAFTING ONLY



**SHIFT**

**SHIFT CONSULTING, LLC**  
10000 WEST 10TH AVE  
SUITE 200  
DALLAS, TEXAS 75243  
TEL: 972.464.4433

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RELEASE DATE	SUBMITTAL
11-28-13	1ST CITY SUBMITTAL
CURRENT	12.1.13

REVISIONS	COMMENT
NO. DATE	
12.1.13	FIRST COMMENT
12.1.13	FINISH COMMENT
4.7.14	CURRENT REVISION

PROJECT NAME

VERSION - CINCO RANCH

MODE ADDRESS

NOTE #CCR-020-01

ENCHANTED MEADOW  
N. S.W. OF ASPEN  
VILLAIN.

HUB AREA

CINCO RANCH, TX

SHEET NUMBER

120603

IN HOUSE  
DESIGNED BY: SA  
CHECKED BY: DM

SHEET TITLE

POLE ELEVATION,  
PROPOSED

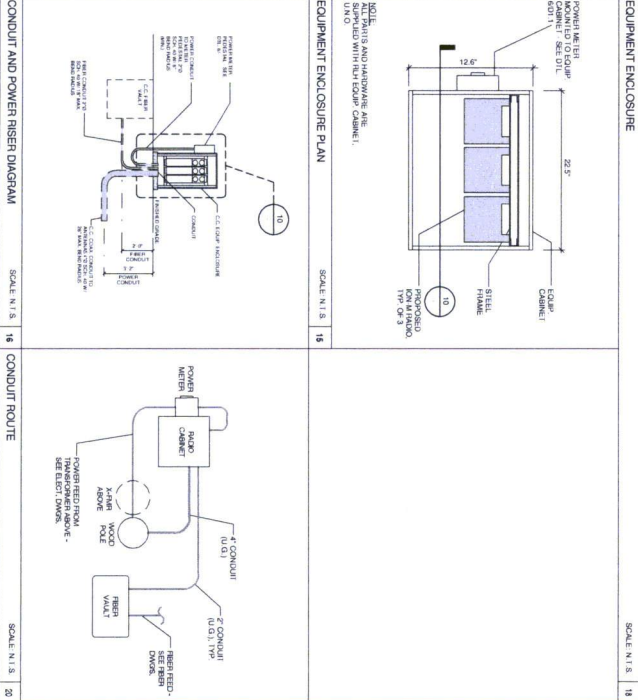
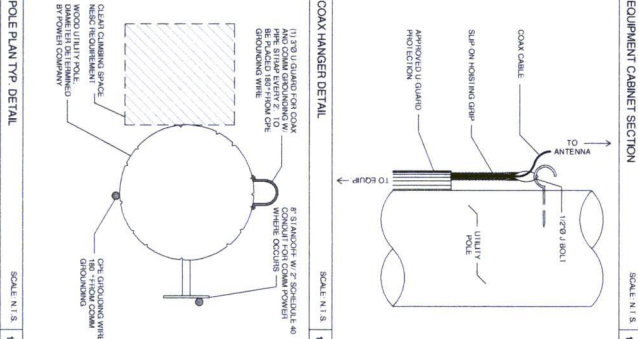
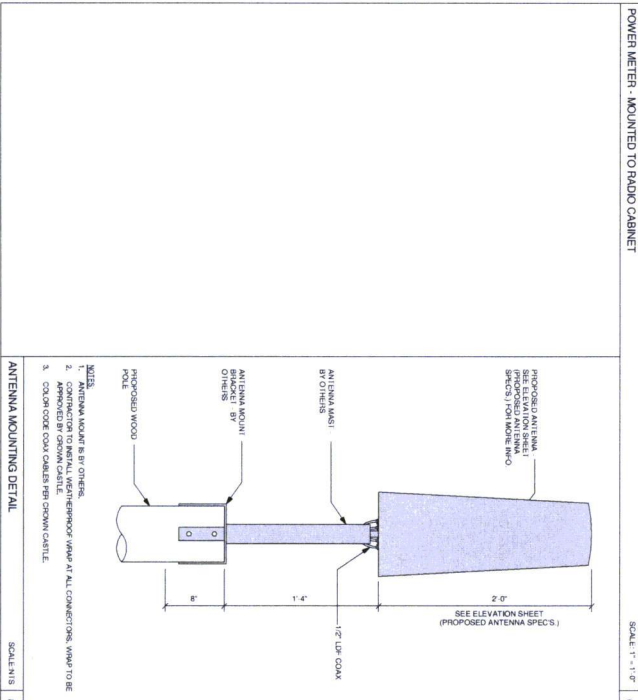
SHEET NUMBER


PAGE

5 OF 8

SCALE: 1" = 20'-0" (12.5' MAX)

CASE #






**CROWN CASTLE**  
10000 MAGNOLIA DR.  
DALLAS, TEXAS 75243-4621  
TEL: 469-384-4621

RECORD DRAWING ISSUE DATE: 4/17/14

RECORD DRAWING DATE: 4/17/14



**SHIFT**

SOFT CONSULTING, LLC  
10000 MAGNOLIA DR.  
DALLAS, TEXAS 75243-4621  
TEL: 469-384-4621

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REVISIONS	NO.	DATE	COMMENT
1	12/11/13	FINAL CONSTRUCTION	
2	12/11/13	CONSTRUCTION SUBMITTAL	
3	4/17/14	CONSTRUCTION RESUBMITTAL	

PROJECT NAME: VERIZON - CINCO RANCH

LOCATION ADDRESS: CINCO RANCH, TX

NOTE #:#CCR-020-01

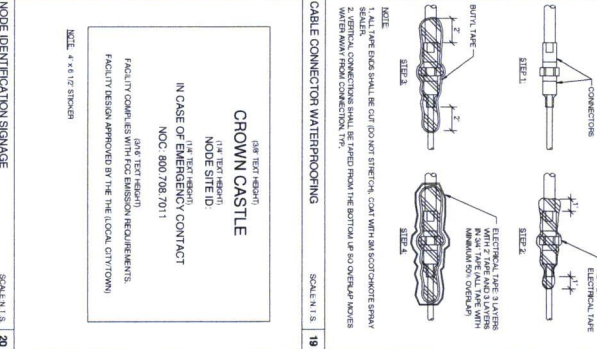
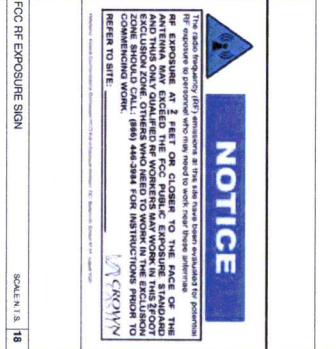
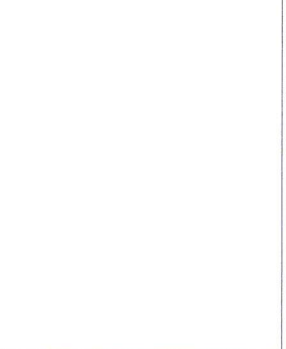
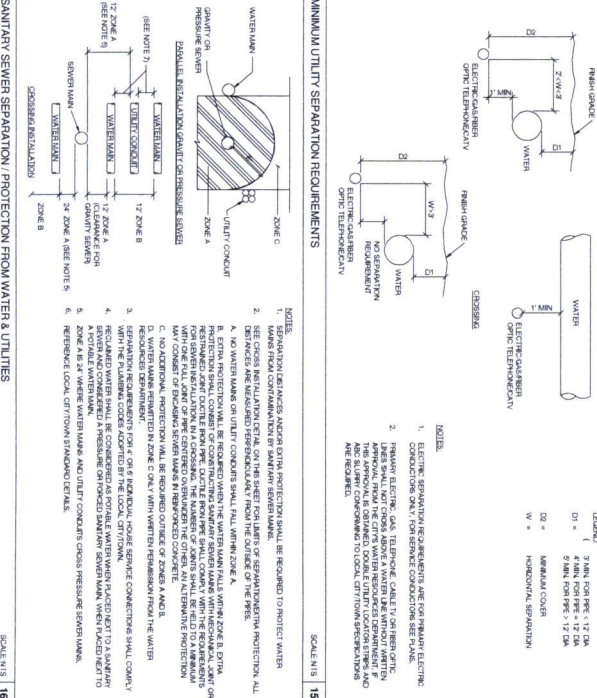
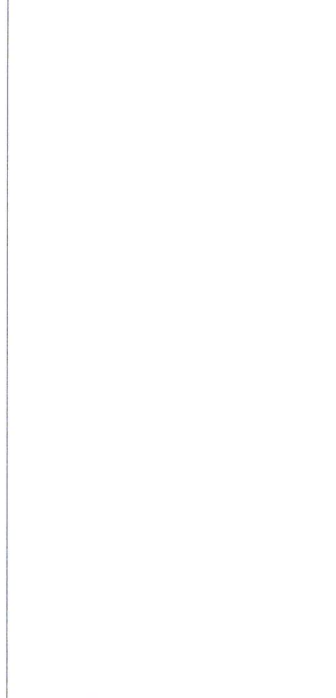
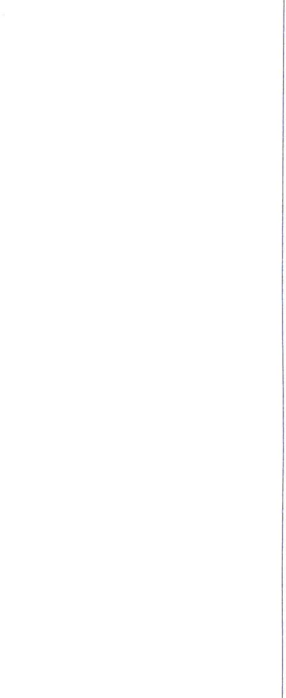
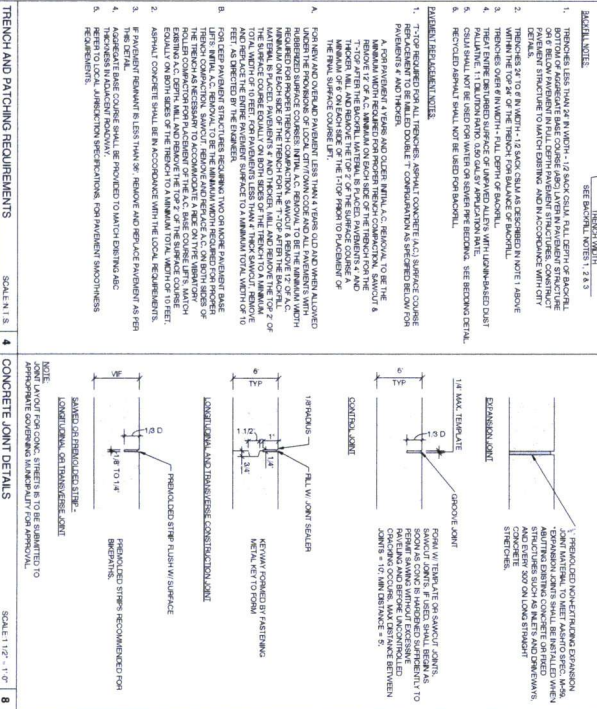
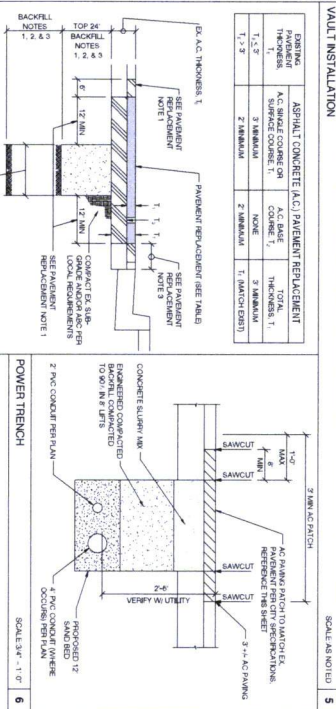
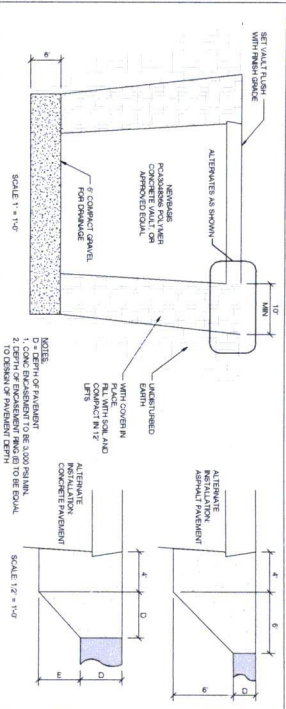
ENCHANTED MEADOW LN., S.W. OF ASPEN MILAN.

SHEET NUMBER	DATE	BY	CHECKED BY
120603	12/06/13	DRAWN BY: SA	CHECKED BY: CM

CONSTRUCTION DETAILS

11:00 SCALE: 1" = 2'-0" (12.8' MAX)



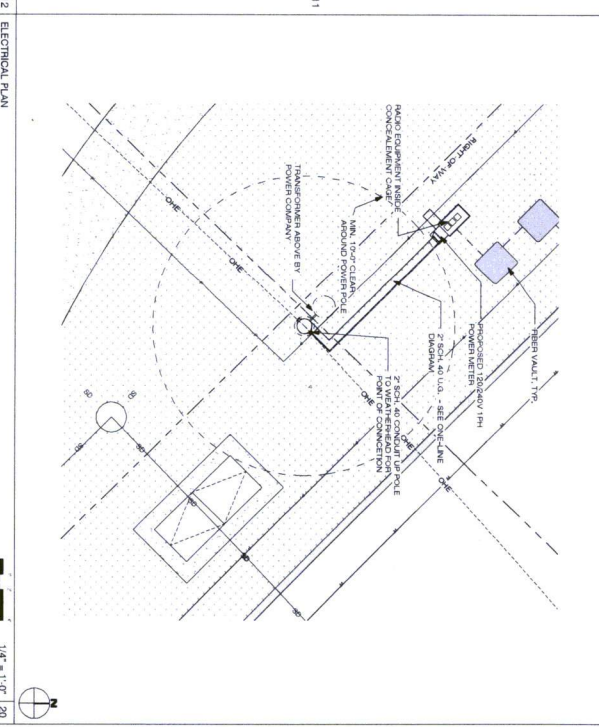
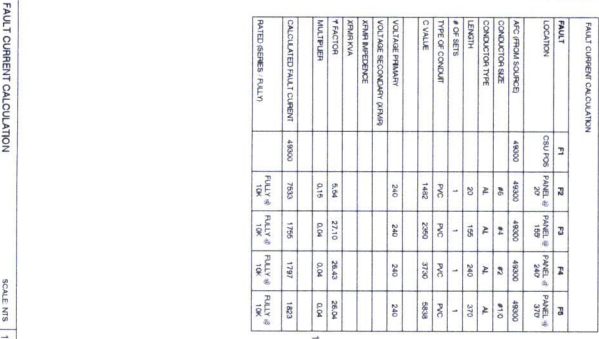
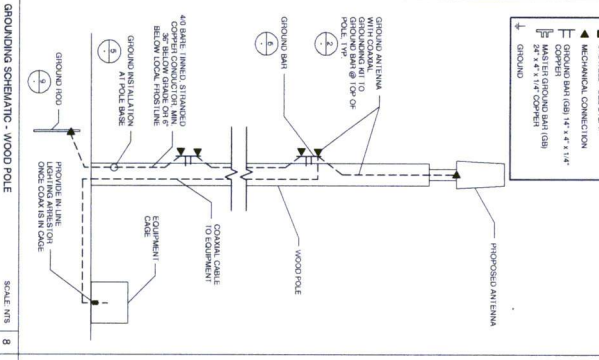
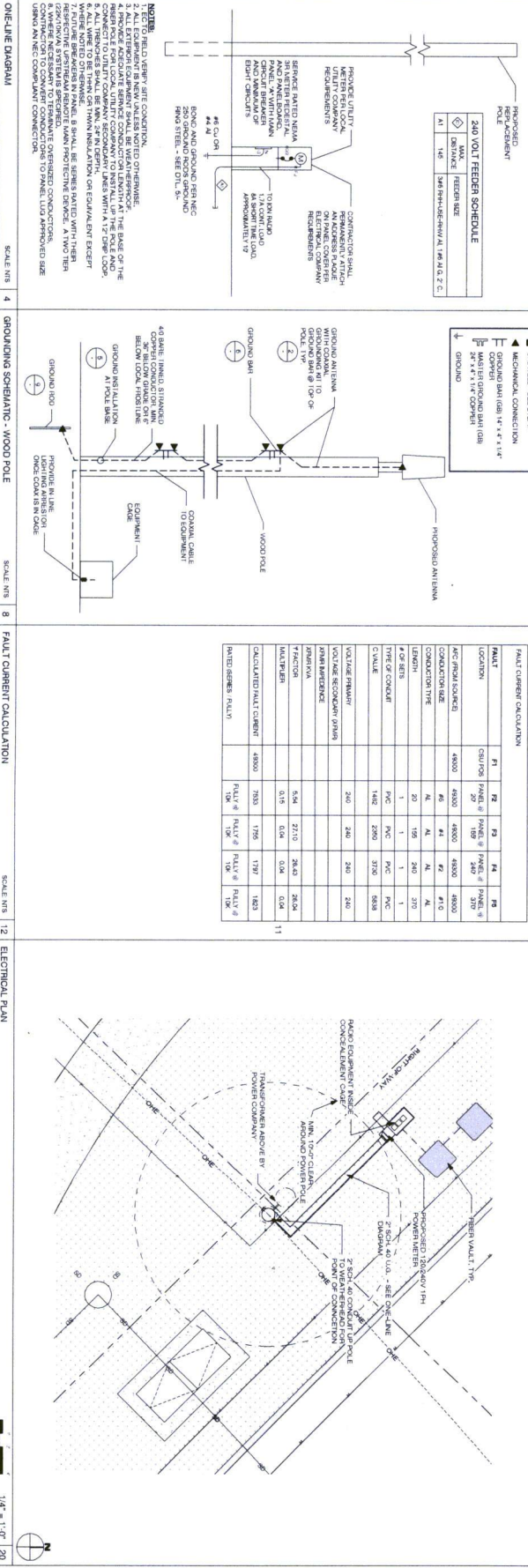
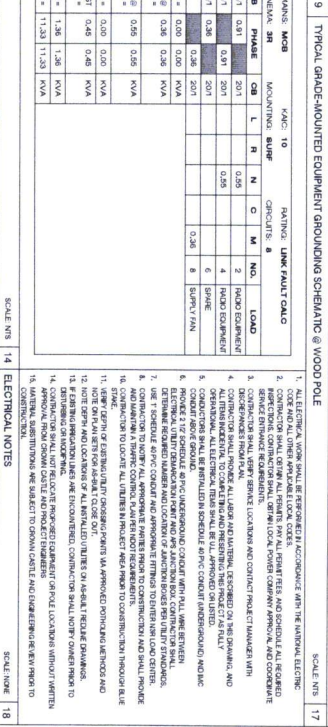
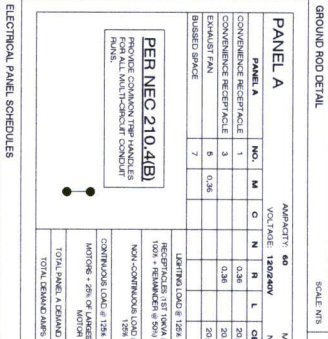
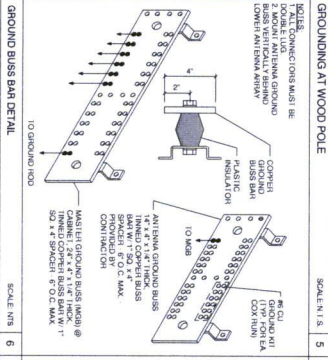
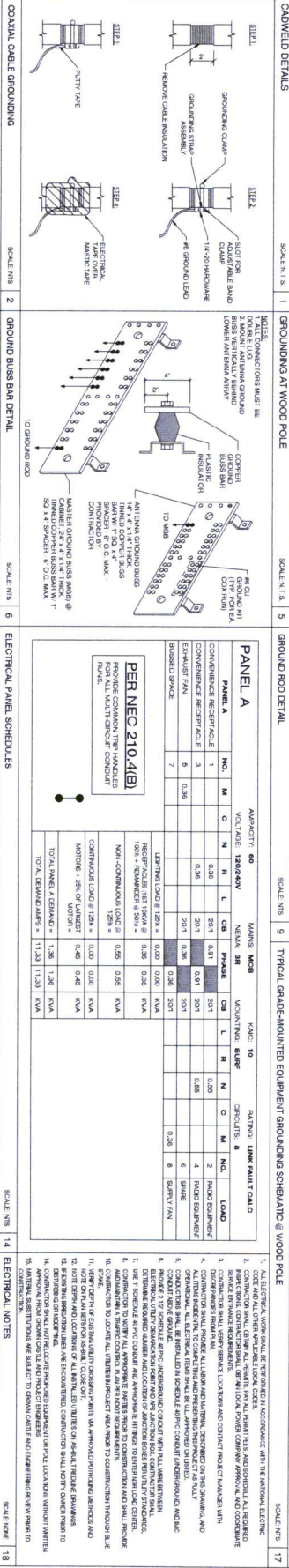
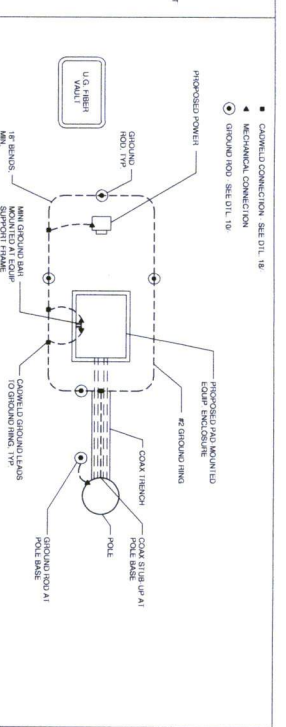
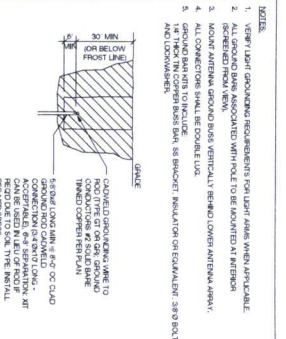
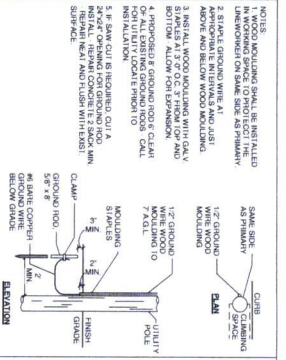
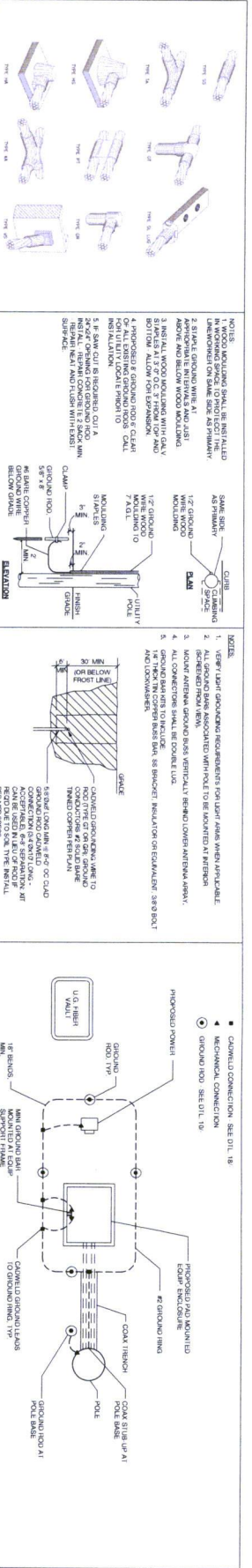


CROWN CASTLE  
1200 AUSTIN BLVD  
HOUSTON, TX 77057  
(281) 460-0000

SHIFT  
SHIFT COMPANIES, LLC  
1001 WEST 17TH STREET  
SUITE 100  
HOUSTON, TX 77058  
(281) 460-0000

PROJECT NAME: VERIZON - CINCO RANCH  
PROJECT ADDRESS: ENCHANTED MEADOW LN, S.W. OF ASPEN VILLAIN  
PROJECT NUMBER: 120603  
PROJECT DATE: 4/17/14  
PROJECT STATUS: IN PROGRESS  
PROJECT LOCATION: CINCO RANCH, TEXAS





**SHIFT**

SHIFT COMPANY, LLC  
1001 FRONT STREET  
SUITE 100  
HOUSTON, TX 77057  
PH: 409.443.4433

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**RECORD DRAWING**

DATE: 11/19/2013  
BY: 11/19/2013  
CHECKED BY: 11/19/2013

**REVISIONS**

NO.	DATE	COMMENTS
1	11/19/2013	REVISION 1
2	11/19/2013	REVISION 2
3	11/19/2013	REVISION 3

**PROJECT NAME**  
VERIZON - CINCO RANCH

**NOTE ADDRESS**  
ENCHANTED MEADOW  
LN, S.W. OF ASPEN  
VILLAIN

**GRID AREA**  
CINCO RANCH, TX

**SHEET NUMBER**  
120603

**SHEET TITLE**  
ELECTRICAL DETAILS AND  
NOTES GROUNDING  
DETAILS AND NOTES

**8 OF 8**