

PROJECT NAME: PROJECT ADDRESS: PROJECT TYPE: CUSTOMER NODE ID#: SF90XS2H0 NODE #(s): **SFB005m2** HUB AREA: SF36XC052 COORDINATES: CROWN CASTLE BILLING / SCU#: 479646

ARCHITECT

Company: SHIFT CONSULTING Address: 3334 N. 20TH ST. PHOENIX, AZ 85016 Phone Number: 480.264.0829 480.264.0163 Fax Number: Contact:

CHRIS MYERS

STRUCTURAL

Company: STRUKTUR STUDIO, LLC Address: 1525 N. GRANITE REEF RD., STE. 9 Address: 695 RIVER OAKS PARKWAY SCOTTSDALE, AZ 85257

Phone Number: 480.425.2250 Fax Number: 480.425.2225

DAVID LUNENG Contact:

OWNER INFO

Company: CROWN CASTLE Address: 695 RIVER OAKS PARKWAY SAN JOSE, CA 95134 Phone Number: 707.756.2030

JOHN GRIFFITHS

PROJECT TEAM

RF ENGINEER

Fax Number:

Contact:

Company: CROWN CASTLE SAN JOSE, CA 95134

Phone Number: 408.468.5546 Fax Number: Contact: ERNESTO FIGUEROA

JURISDICTION: SAN RAFAEL PUBLIC WORKS 111 MORPHEW ST. SAN RAFAEL, CA 94901 PH: 415.485.3355

HANDICAPPED REQUIREMENTS: -FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION.

-HANDICAPPED ACCESS REQUIREMENTS ARE NOT REQUIRED.

THE EQUIPMENT CHASSIS WILL CONTAIN THE FOLLOWING: (1) NEW RADIO UNIT (1) FIBER ENCLOSURE BOX (1) ELECTRICAL LOAD CENTER / DISTRIBUTION PANEL (1) ELECTRICAL POWER METER

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SAN FRANCISCO BAY EXPANSION - 58 SITES 44 SIMMS ST., SAN RAFAEL, CA 94901 EXIST. PG&E-OWNED WOOD JPA POLE LAT: 37.95789, LONG: -122.506809

PROJECT SUMMARY

APPLICANT: **CROWN CASTLE** 695 RIVER OAKS PARKWAY SAN JOSE, CA 95134

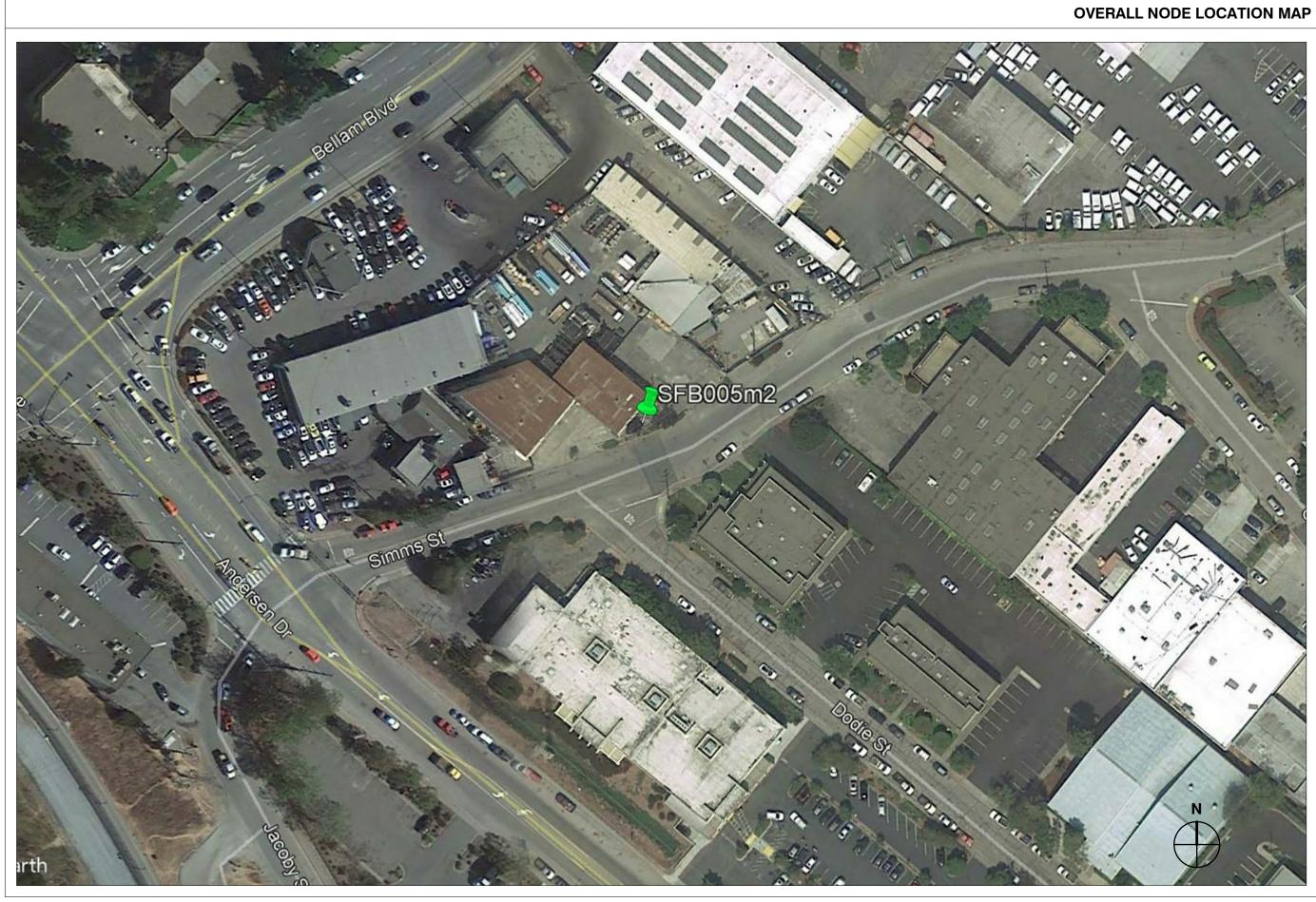
CODES: GENERAL ORDER (GO) 95, RULE 94 2012 INTERNATIONAL BUILDING CODE (IBC) 2014 NATIONAL ELECTRICAL CODE (NEC)

PLUMBING REQUIREMENTS: FACILITY HAS NO PLUMBING

POWER COMPANY: PACIFIC GAS AND ELECTRIC (PG&E)

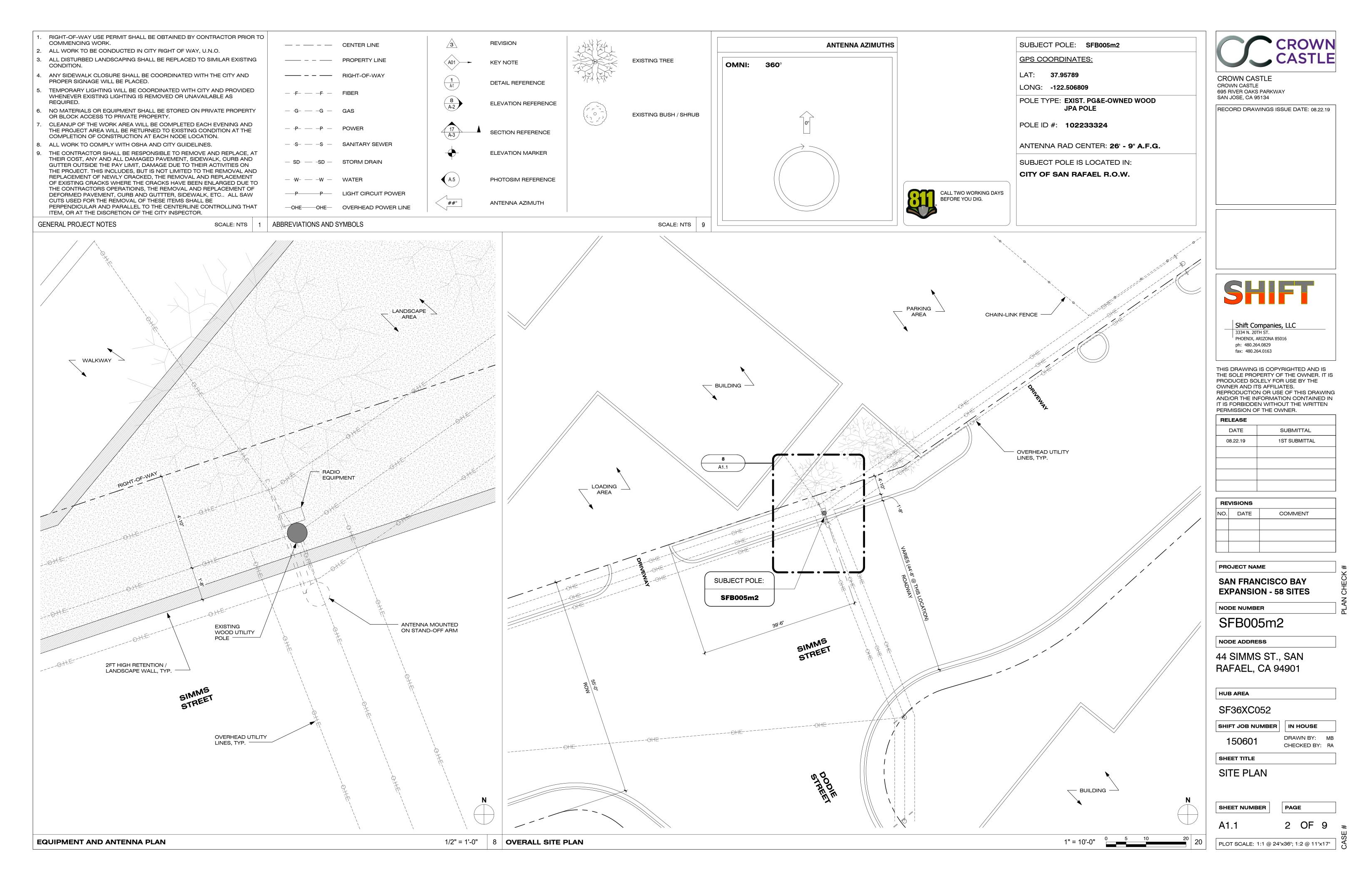
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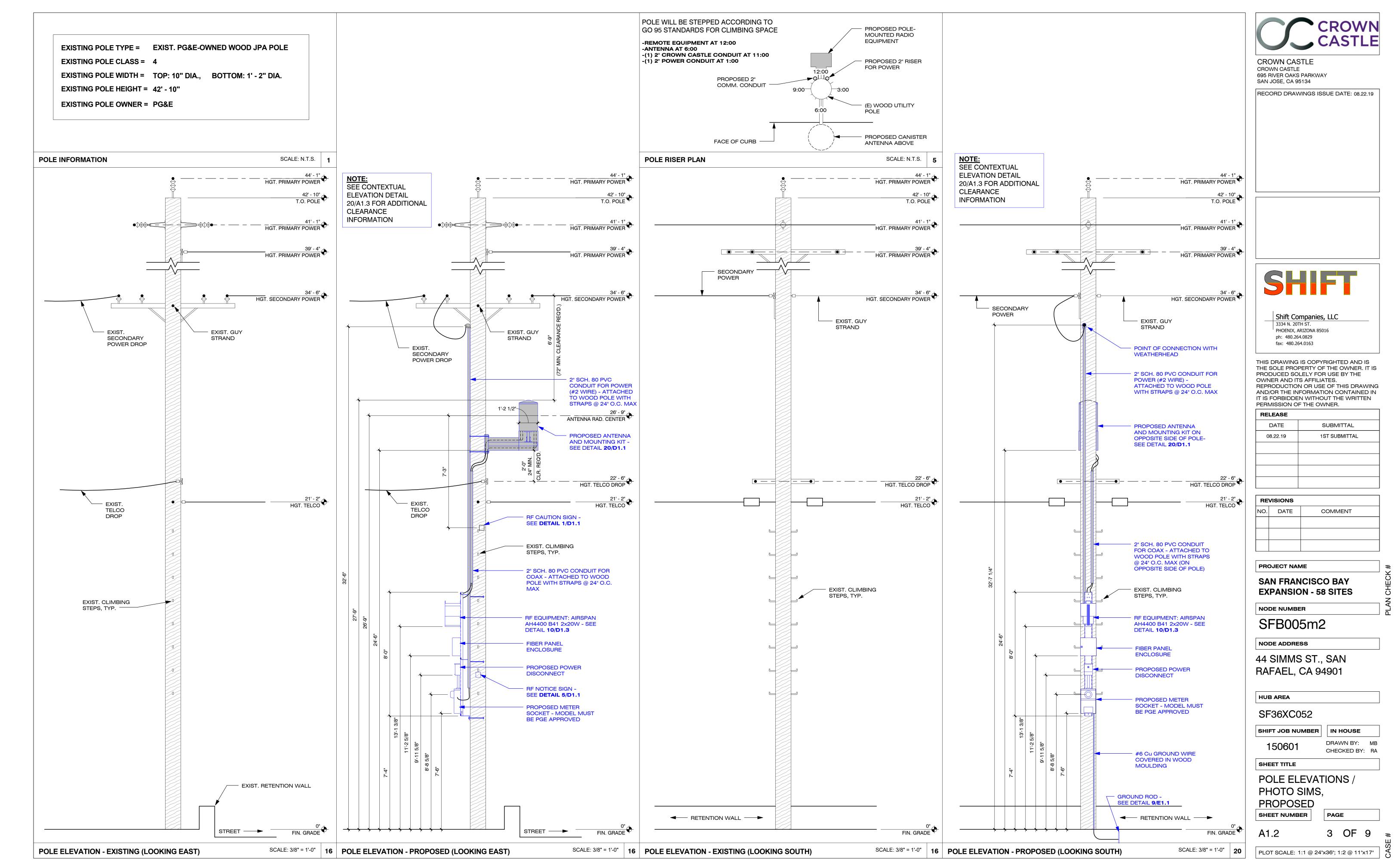
THIS PROJECT WILL CONSIST OF ADDING A NEW POLE-TOP CANISTER ANTENNA AND A SIDE-MOUNTED EQUIPMENT CHASSIS TO THE EXISTING POLE.



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SAN	JOSE, CA 9	5134
REC	ORD DRAV	VINGS ISSUE DATE: 08.22.19
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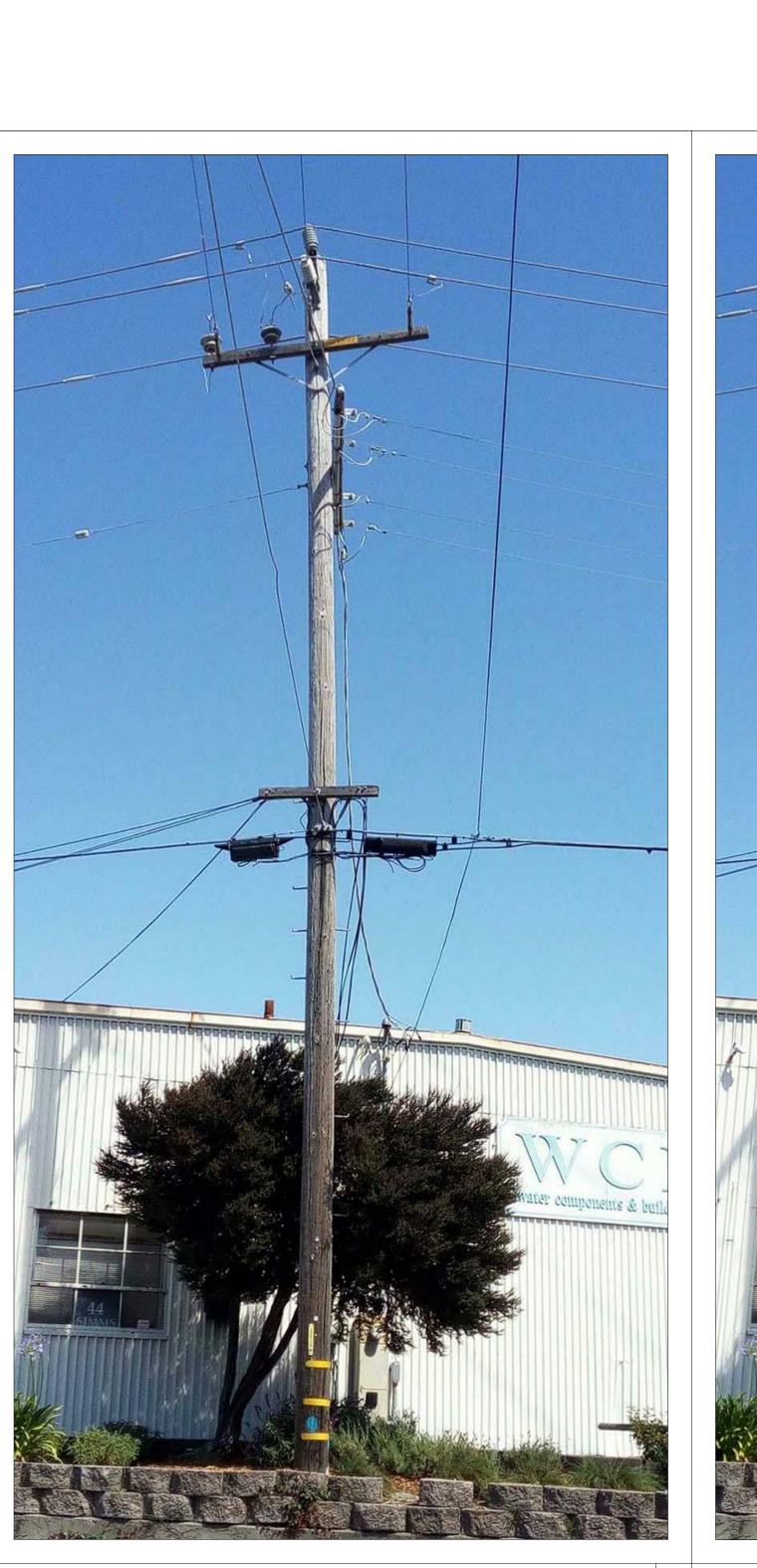
PLOT SCALE: 1:1 @ 24"x36"; 1:2 @ 11"x17"





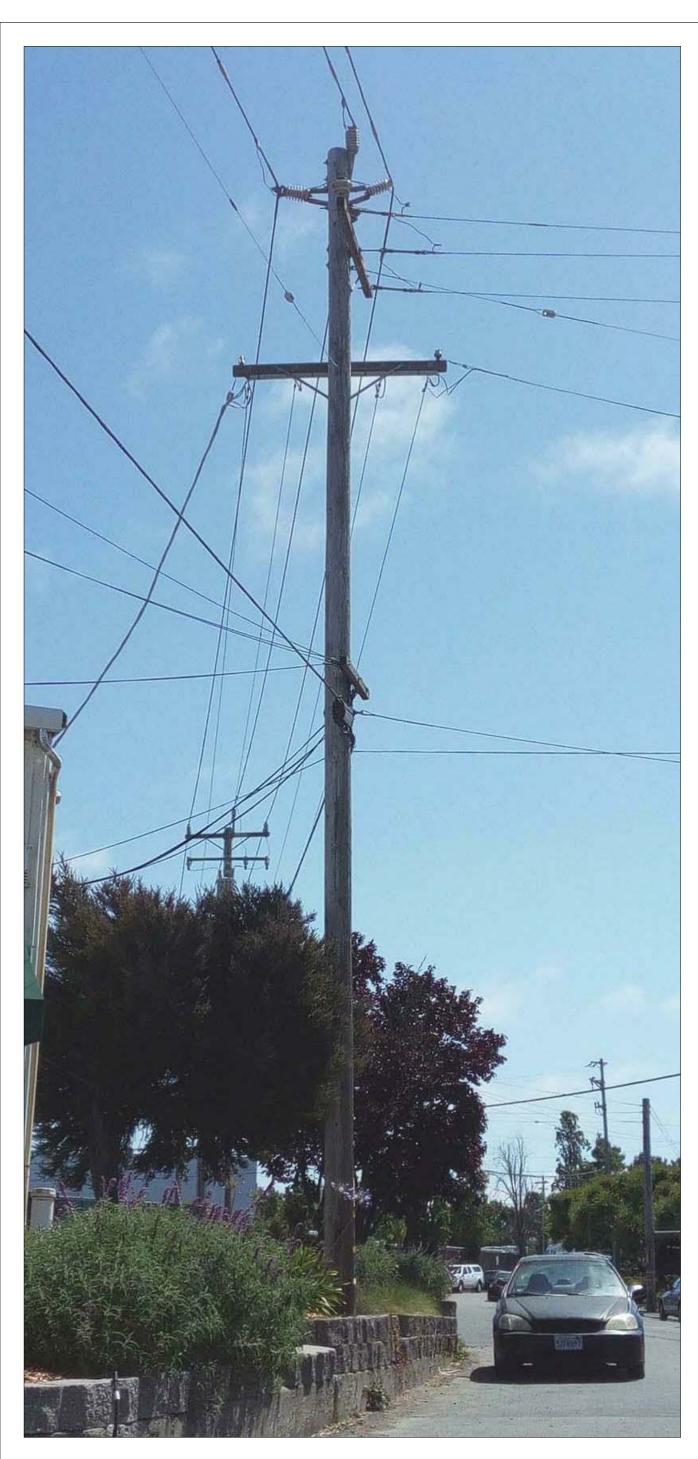


AERIAL VIEW



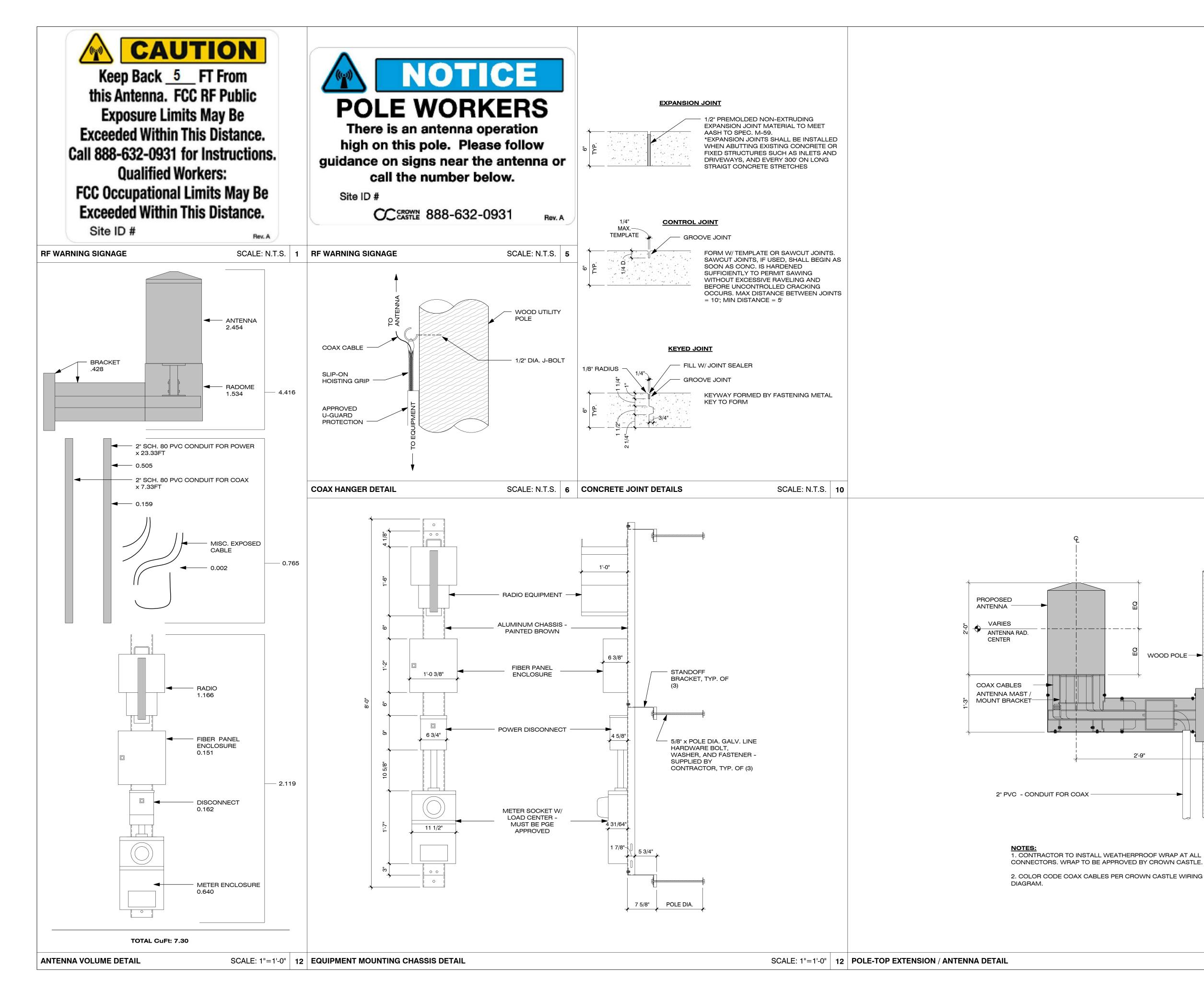
SCALE: N.T.S. 4 POLE PHOTO SIMULATION - LOOKING NORTH(PROPOSED)

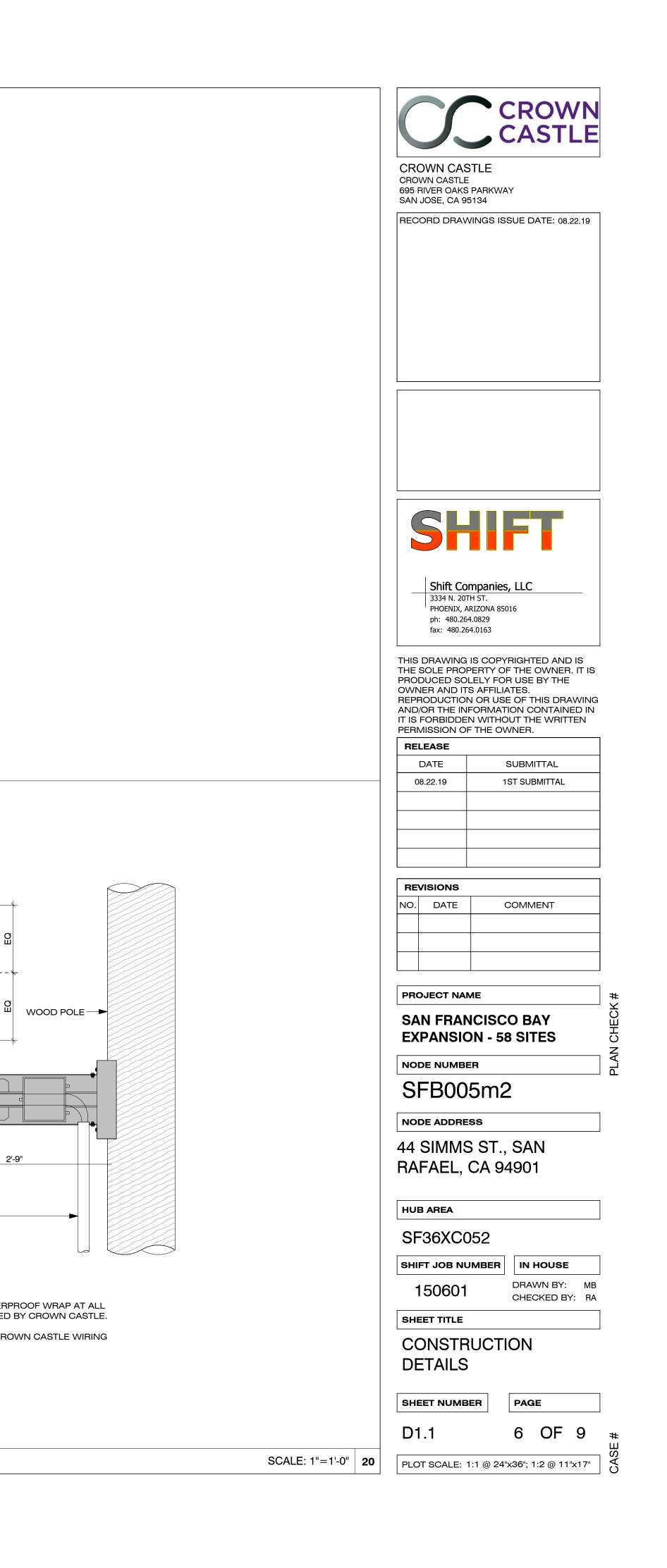




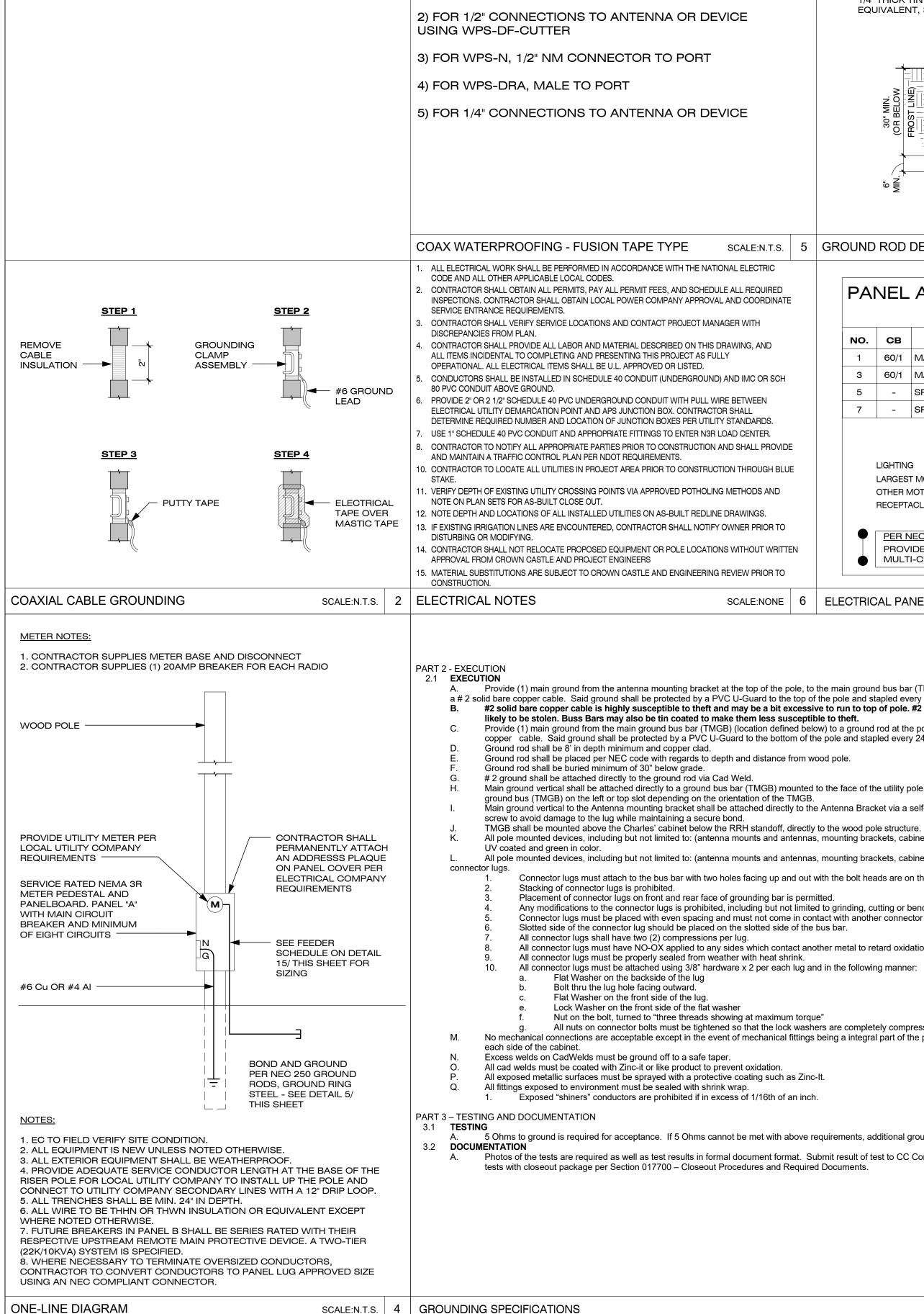
SCALE: N.T.S. 8 POLE PHOTO - LOOKING EAST(EXISTING)





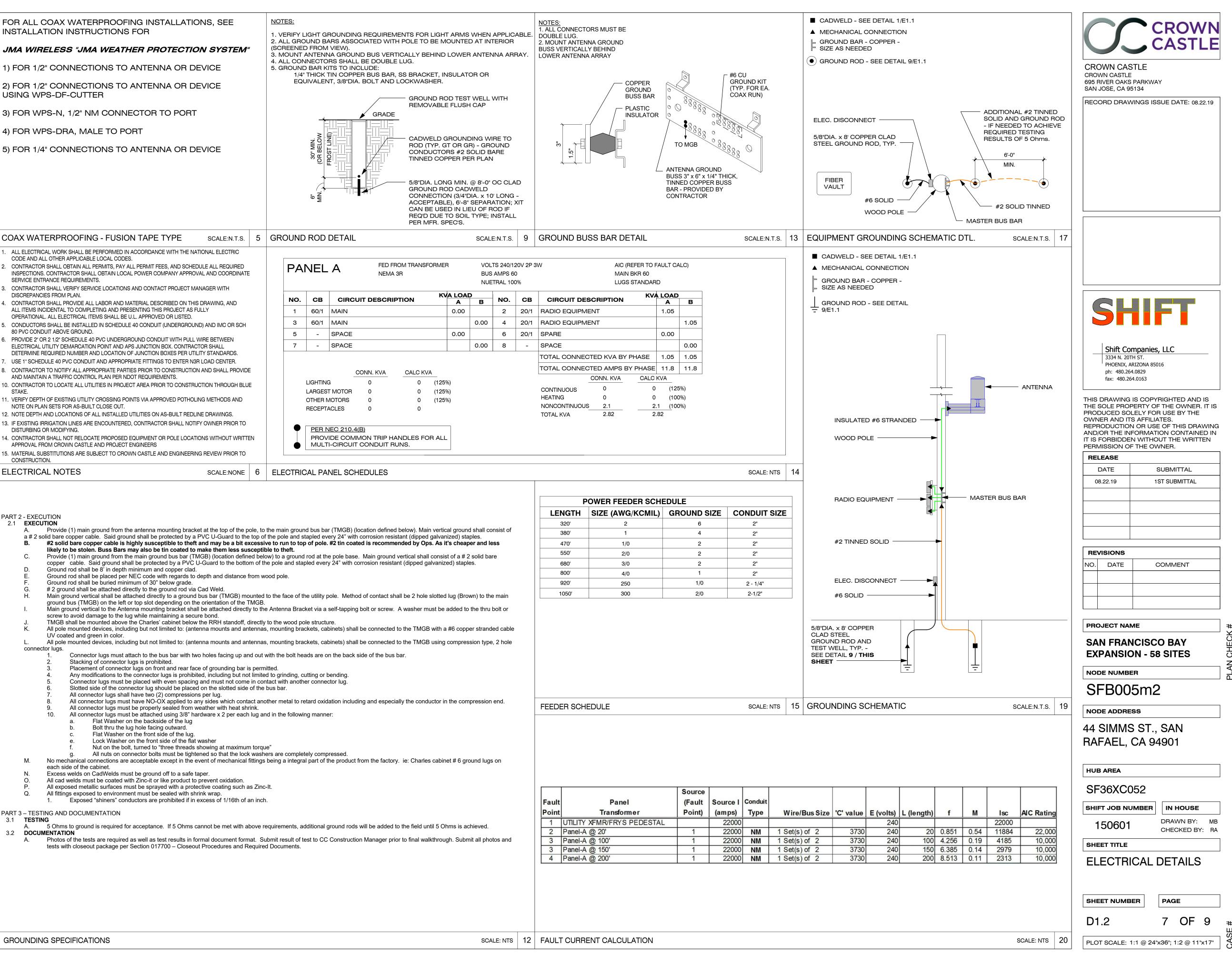






INSTALLATION INSTRUCTIONS FOR

1) FOR 1/2" CONNECTIONS TO ANTENNA OR DEVICE



AirHarmony-4400 Datasheet

High Capacity Outdoor LTE-Advanced eNodeB

AirHarmony 4400 is part of Airspan's carrier-class LTE Advanced small cell eNodeB family. AirHarmony 4400 is a Macro-class product that supports 3GPP's Long Term Evolution (LTE) eNodeB specifications, providing highspeed data, mobility, Voice over LTE, and broadcast/multicast services in order to meet the demands of the LTE Mobile Carriers.

AirHarmony 4400 is a compact, easy to install Macro-class eNodeB, allowing an operator to deploy LTE broadband services using existing infrastructure or Street Furniture. AirHarmony 4400 has two 20W (43dBm) transmit channels and four receive channels. AirHarmony 4400 supports single or dual carrier up to 2x 20MHz.

Release 10 LTE-Advanced

AirHarmony 4400 supports 3GPP LTE Broadband access technologies; Airspan's 3GPP LTE implementation is compliant with the 3GPP standards and has interoperable S1 and X2 interfaces and supports commercial GCF tested UE devices, including Smartphones, Dongles and Tablet computers.

The Power of HETNETS

As operators struggle to cope with growing customer demand for higher throughput, they are discovering that layering small base stations into a macro cell coverage area, enables a significant increase in network capacity by filling in coverage gaps and addressing actual traffic distribution where demand is highest. AirHarmony 4400 is ideal for these networks, delivering high data rates where needed most, whether at the macro cell edge or closer to the user base, maximizing coverage and customer satisfaction.

Broadband Access

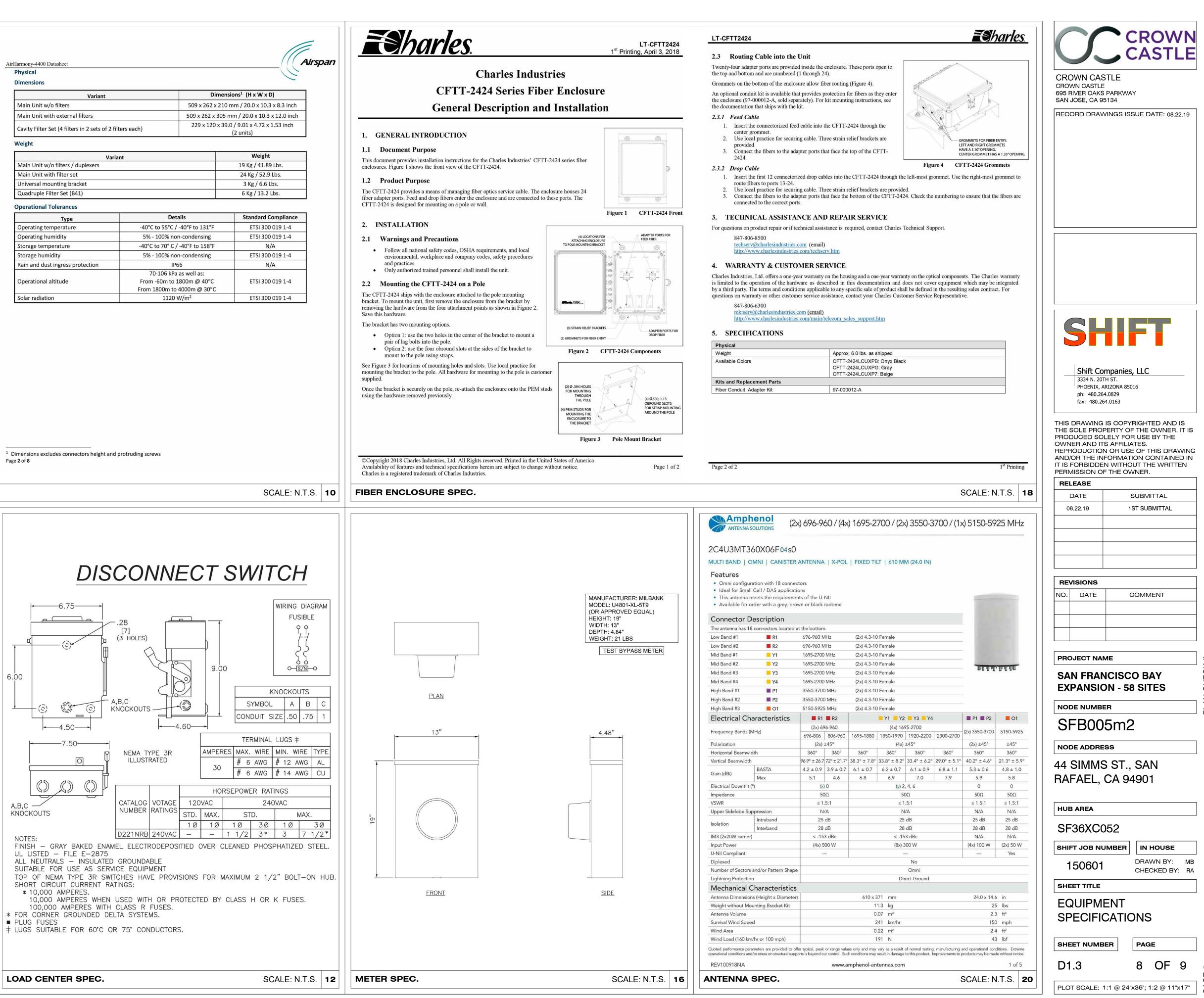
AirHarmony-4400 supports 3GPP LTE Broadband access technologies; Airspan's 3GPP LTE implementation is compliant with the 3GPP standards and has interoperable S1 and X2 interfaces and supports commercial GCF tested UE devices, including Smartphones, Dongles and Tablet computers.

Integrated Backhaul

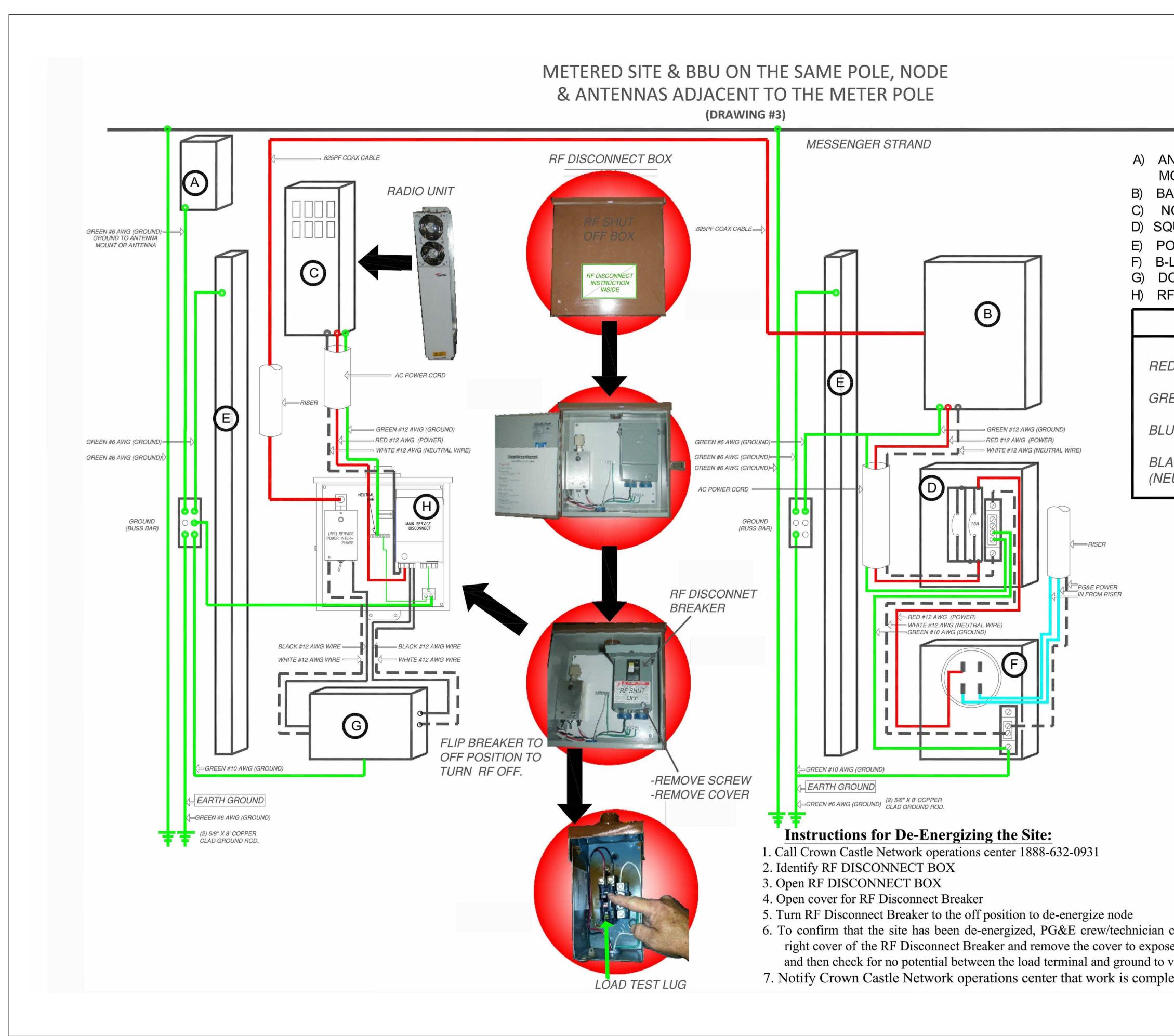
AirHarmony also supports tight integration with iBridge or iRelay, Airspan's small cell backhaul product. AirHarmony plus iRelav creates a single install process for LTE Access and Backhaul, and enables "Just add Power" plug and play deployment method saving deployment CAPEX and OPEX.

Page 1 of 8









	C
	CROWN CROWN 695 RIVE SAN JOS RECORE
ANTENNA AND MOUNTING BRACKET BATTERY BACKUP NODE EQUIPMENT SQUARE-D (DISCONNECT BREAKER) POLE MOUNTING CHANNEL B-LINE 114TB METER SOCKET DONGAN TRANSFORMER RF DISCONNECT BOX	
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LUE (PG&E POWER)	THIS DR/ THE SOL
LACK / DASHED NEUTRAL)	PRODUC OWNER REPROD AND/OR IT IS FOR PERMISS
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ose the source and load terminals on the switch o verify that no RF signal can be generated. plete	PGE SHU PRO sheet
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CROWN C 695 RIVER	OAKS PAF	RKWAY	
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