PROJECT: SITE NUMBER: FA #: PACE #: SITE NAME: ADDRESS:

FIRSTNET NML02659A 15061987 **MRANM032166 JEMEZ SPRINGS** 17816 HIGHWAY 4 **JEMEZ SPRINGS, NM 87025**



PROJECT	INFORMATION	LOCATION MAP	SCOPE OF WORK	DRAWING INDEX		
SITE NAME: SITE NUMBER: SITE ADDRESS: JURISDICTION: COUNTY: TOWER OWNER: LATITUDE: LONGITUDE: CONSTRUCTION TYPE: OCCUPANCY: A.P.N.: PROPOSED USE: PROPERTY OWNER:	JEMEZ SPRINGS NML02659A 17816 HIGHWAY 4 JEMEZ SPRINGS, NM 87025 JEMEZ SPRINGS SANDOVAL COMMNET 35.771535 -106.688797 V-N U 1-011-105-503-050 UNMANNED TELECOMMUNICATION FACILITY MELVIN L. JOHNSON SR 106 KEIRA CT	Of D Earyon Of D Earyon United Set Castor United	AT&T PROPOSES TO: • NEW 62-0" MONOPINE TOWER ON NEW CONCRETE FOOTING • INSTALL (2) NEW AT&T PANEL ANTENNAS • INSTALL (2) NEW AT&T RADIOS (AHLBA) • INSTALL (2) NEW AT&T RADIOS (AHLBA) • INSTALL (1) NEW AT&T ANTENNA MOUNTS W/ MOUNTING PIPES • INSTALL (1) NEW AT&T ANTENNA COLLAR MOUNT W/ MOUNTING PIPES • INSTALL (1) NEW AT&T DC12 SURGE SUPPRESSOR • INSTALL (1) NEW AT&T DC17 SURGE SUPPRESSOR • INSTALL (1) NEW AT&T DELTA 2-BAY EQUIPMENT CABLE • INSTALL (1) NEW AT&T DELTA 2-BAY EQUIPMENT CABINET • INSTALL (1) NEW AT&T ICE-BRIDGE • INSTALL (1) NEW AT&T ICE-BRIDGE • INSTALL (1) NEW AT&T H-FRAME • INSTALL (1) NEW AT	SHEET DESCRIPTION T-1.0 TITLE SHEET T-2.0 GENERAL NOTES T-3.0 AT&T SECTOR COLOR CODE T-3.1 COMMNET SECTOR COLOR CODE T-3.2 SURVEY OF EXISTING SITE A-1.0 OVERALL SITE PLAN A-2.0 AT&T PROPOSED ANTENNA & EQUIPMENT PLANS A-2.1 COMMNET PROPOSED ANTENNA & EQUIPMENT PLANS A-3.0 EXISTING & PROPOSED NORTHEAST ELEVATIONS A-4.0 AT&T EQUIPMENT DETAILS & SPECIFICATIONS		
AT&T PROJECT MANAGER:	CORRALES, NM 87048 (505) 899-0246 ANTHONY V. DROSI PROJECT MANAGER-ALTERNATE BUILD MODEL AT&T MOBILITY 7337 TRADE ST., RM 3684	Marrie Ma	INSTALL (1) NEW AT&T GENERATOR RECEPTACLE INSTALL (1) NEW AT&T OUTDOOR GFCI OUTLET COMMNET PROPOSES TO: REMOVE EXISTING COMMNET 62-0" MONOPOLE TOWER INSTALL (1) PROPOSED COMMNET ANTENNA MOUNTS W/ MOUNTING PIPES INSTALL (2) PROPOSED COMMNET ANTENNA MOUNTS W/ MOUNTING PIPES INSTALL (1) PROPOSED COMMNET ANTENNA COLLAR MOUNT RELOCATE (1) EXISTING COMMENT FITA BOX	A-4.1 AT&T EQUIPMENT DETAILS & SPECIFICATIONS A-4.2 AT&T EQUIPMENT DETAILS & SPECIFICATIONS A-4.3 AT&T EQUIPMENT DETAILS & SPECIFICATIONS A-4.4 COMMNET EQUIPMENT DETAILS & SPECIFICATIONS A-4.5 COMMNET EQUIPMENT DETAILS & SPECIFICATIONS E-1.0 AT&T 1-LINE DIAGRAM & SYMBOLS KEY		
APPLICANT:	SAN DIEGO, CA 92121-4202 OFFICE: (858) 886-1255 MOBILE: (858) 337-7968 SAC WIRELESS ON BEHALF OF AT&T KRISTINA ROSS (720) 490-2592 kristina.ross@nokia.com	Correct Report Calmin T IMAP	RELOCATE (4) EXISTING COMMNET RADIOS (R8882) RELOCATE EXISTING COMMNET ANTENNAS ON NEW MONOPOLE TOWER, PER PLAN	G-1.0 AT&T EQUIPMENT & ANTENNA GROUNDING PLANS G-1.1 COMMNET EQUIPMENT & ANTENNA GROUNDING PLANS G-2.0 GROUNDING NOTES & DETAILS NOT FOR CONSTRUCTION UNLESS APPROVED BY JURISDICTION GENERAL NOTES		
PRO. ARCHITECT: JOHN M. BANKS ARCHITECT JOHN BANKS 604 FOX GLEN	JECT TEAM	SITE Tores Tores Service Servi	DIRECTIONS FROM ALBUQUERQUE INTERNATIONAL SUNPORT: 1. HEAD EAST ON SUNPORT BLVD 2. USE THE MIDDLE LANE TO STAY ON SUNPORT BLVD 3. SLIGHT RIGHT TO STAY ON SUNPORT BLVD 4. KEEP LEFT TO STAY ON SUNPORT BLVD 5. USE THE LEFT LANE TO TURN SLIGHTLY LEFT TO STAY ON SUNPORT BLVD 6. USE THE LEFT LANE TO TURN SLIGHTLY LEFT TO STAY ON SUNPORT BLVD 7. KEEP LEFT TO CONTINUE ON SUNPORT LOOP SE 7. KEEP LEFT TO CONTINUE ON SUNPORT BLVD 8. USE THE RIGHT 2 LANES TO TURN RIGHT TO MERGE ONTO I-25 N TOWARD I-40 N/DOWNTOWN/SANTA FE, MERGE ONTO I-25 N	THE FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. A TECHNICIAN WILL VISIT THE SITE AS REQUIRED FOR ROUTINE MAINTENANCE. THE PROJECT WILL NOT RESULT IN ANY SIGNIFICANT DISTURBANCE OR EFFECT ON DRAINAGE; NO SANITARY SEWER SERVICE REQUIRED AND NO COMMERCIAL SIGNAGE IS PROPOSED. DO NOT SCALE DRAWINGS CONTRACTOR SHALL VERIFY ALL PLANS, EXISTING DIMENSIONS & FIELD CONDITIONS ON THE JOB SITE & SHALL IMMEDIATELY NOTIFY THE ARCHITECT		
BARRINGTON, IL 60010 CONTACT: JOHN BANKS PHONE: (847) 277-0070 EMAIL: jbanks@westchesterserv PLANNING/ZONING CONSULT NOKIA KRISTINA ROSS		North Boo	9. USE THE RIGHT 2 LANES TO TAKE EXIT 242 FOR NM-165 E/PLACITAS TOWARD US-550 W/BERNALILLO, CONTINUE ONTO US-550 N, TURN RIGHT ONTO NM-4 E DESTINATION WILL BE ON THE RIGHT SPECIAL NOTES 1. ALL WORK SHALL BE INSTALLED IN CONFORMANCE WITH CURRENT CARRIER RECORD IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING	OR ENGINEER OF RECORD IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR THE SAME. PROJECT NOTES FCC: EVERY WIRELESS TELECOMMUNICATIONS FACILITY SHALL MEET THE		
(720) 490-2592 kristina.ross@nokia.com <u>CONSTRUCTION MANAGER:</u> NOKIA LARRY HILL PHONE: (505) 604-1906 EMAIL: larry.hill.ext@sacw.com		TO OBTAIN LOCATION OF PARTICIPANTS UNDERGROUND FACILITIES BEFORE YOU DIG IN NEW MEXICO CALL NEW MEXICO 811 TOLL FREE: 1-800-321-2537 OR www.nm811.org NEW MEXICO STATUTE REQUIRES MIN OF 2 WORKING DAYS NOTICE BEFORE YOU	 CONSTRUCTION INSTALLATION GUIDE. EXISTING CONDITIONS WILL BE VERIFIED IN FIELD. IF SIGNIFICANT DEVIATIONS ON DETERIORATION ARE ENCOUNTERED AT THE TIME OF CONSTRUCTION, A REPAIR PERMIT WILL BE OBTAINED & CONTRACTOR SHALL NOTIFY ARCHITECT OR ENGINEER OF RECORD IMMEDIATELY. CONTRACTOR SHALL VERIFY ALL PLANS & EXISTING DIMENSIONS & CONDITIONS ON TUP OP OIT & OLUME WITH THE WORK OR BE RESPONSIBLE FOR THE SAME. THESE DRAWINGS ARE FULL SIZE & SCALEABLE ON 22"X34" SHEET SIZE & ARE NOT REDUCED IN SIZE. STATEMENT THAT COMPLIANCE WITH THE ENERGY CODE IS NOT REQUIREDSCOPE OF WORK DOES NOT INVOLVE MODIFICATIONS TO EXTERIOR ENVELOPE OF BUILDING, HVAC SYSTEMS OR 	REGULATIONS OF THE FCC REGARDING PHYSICAL AND ELECTROMAGNETIC INTERFERENCE. THE ONLY SIGNAGE WHICH IS PERMITTED IS THAT WHICH IS REQUIRED BY STATE OR FEDERAL LAW. CODE COMPLIANCE 2015 INTERNATIONAL BUILDING CODE 2017 NEW MEXICO ELECTRICAL CODES 2015 NEW MEXICO COMMERCIAL BUILDING CODE 2009 NEW MEXICO ENERGY CONSERVATION CODE		
PHONE: (505) 604-1906		NEW MEXICO STATUTE REQUIRES MIN OF 2	OR ENGINEER OF RECORD IMMEDIATELY. 3. CONTRACTOR SHALL VERIFY ALL PLANS & EVISITING DIMENSIONS & CONDITIONS ON MODIFICATIONS TO EXTERIOR ENVELOPE	2017 NEW MEXICO ELECTRICAL CODES 2015 NEW MEXICO COMMERCIAL BUILDING CODE		



HEREBY CERTIFY THAT THESE PLANS WERE PREPARE BY ME AND UNDER MY DIRECT SUPERVISION AND THAT I AM DULY REGISTERED ARCHITECT UNDER THE LAWS OF THE STATE OF NEW MEXICO *

> FIRSTNET JEMEZ SPRINGS NML02659A 17816 HIGHWAY 4 JEMEZ SPRINGS, NM 87025

> > SHEET TITLE

TITLE SHEET

SHEET NUMBER

T-1.0

GENERAL NOTES:

- THIS FACILITY IS EXEMPT FROM ACCESSIBILITY REQUIREMENTS PER NEW MEXICO /INTERNATIONAL BUILDING CODE SECTION 11B-203.5. THIS FACILITY IS NON-OCCUPIABLE SPACE AND ENTERED ONLY BY SERVICE PERSONNEL.
- ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE LOCAL BUILDING CODE, THE LATEST EDITION AND ALL OTHER APPLICABLE CODES AND ORDINANCES
- CONTRACTOR SHALL CONSTRUCT SITE IN ACCORDANCE WITH THESE DRAWINGS AND CONSTRUCTION SPECIFICATIONS. THE SPECIFICATION IS THE RULING DOCUMENT AND ANY DISCREPANCIES BETWEEN THE SPECIFICATION AND THESE DRAWINGS SHOULD BE BROUGHT TO THE ATTENTION OF THE ARCHITECT OR ENGINEER OF RECORD PRIOR TO PROCEEDING WITH CONSTRUCTION
- CONTRACTOR SHALL VISIT THE JOB SITE AND SHALL FAMILIARIZE HIMSELF WITH ALL CONDITIONS AFFECTING THE PROPOSED WORK AND SHALL MAKE PREVISIONS AS TO THE COST THEREOF. CONTRACTOR SHALL BE RESPONSIBLE FOR FAMILIARIZING HIMSELF WITH ALL CONTRACT DOCUMENTS, FIELD CONDITIONS AND DIMENSIONS AND CONFORMING THAT THE WORK MAY BE ACCOMPLISH AS SHOWN PRIOR TO PROCEEDING WITH CONSTRUCTION, ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT OR ENGINEER OF RECORD PRIOR TO THE COMMENCEMENT OF WORK. NO COMPENSATION WILL BE AWARDED BASED ON CLAIM OF LACK OF KNOWLEDGE OF FIELD CONDITIONS.
- PLANS ARE NOT TO BE SCALED. THESE PLANS ARE INTENDED TO BE A DIAGRAMMATIC OUTLINE ONLY UNLESS OTHERWISE NOTED. THE WORK SHALL INCLUDE FURNISHING MATERIALS, EQUIPMENT AND APPURTENANCES, AND LABOR NECESSARY TO EFFECT ALL INSTALLATIONS AS INDICATED ON THE DRAWINGS.
- DIMENSIONS SHOWN ARE TO FINISH SURFACES UNLESS OTHERWISE NOTED. SPACING BETWEEN EQUIPMENT IS REQUIRED CLEARANCE. THEREFORE. IT IS CRITICAL TO FIELD VERIFY DIMENSIONS, SHOULD THERE BE ANY QUESTIONS REGARDING THE CONTRACT DOCUMENTS, EXISTING CONDITIONS AND/OR DESIGN INTENT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE WORK
- DETAILS ARE INTENDED TO SHOW DESIGN INTENT. MODIFICATIONS MAY BE REQUIRED TO SUIT JOB DIMENSIONS OR CONDITIONS, AND SUCH MODIFICATIONS SHALL BE INCLUDED AS PART OF THE WORK.
- CONTRACTOR SHALL RECEIVE CLARIFICATION IN WRITING, AND SHALL RECEIVE IN WRITING AUTHORIZATION TO PROCEED BEFORE STARTING WORK ON ANY ITEMS NOT CLEARLY DEFINED OR IDENTIFIED BY THE CONTRACT DOCUMENT
- CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK USING THE BEST CONSTRUCTION SKILLS AND ATTENTION, CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER CONTRACT, UNLESS OTHERWISE NOTED
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY OF THE WORK AREA, ADJACENT AREAS AND BUILDING 10 OCCUPANTS THAT ARE LIKELY TO BE AFFECTED BY THE WORK UNDER THIS CONTRACT. WORK SHALL CONFORM TO ALL OSHA REQUIREMENTS.
- CONTRACTOR SHALL COORDINATE HIS WORK WITH THE SUPERINTENDENT OF THE BUILDING & GROUNDS & SCHEDULE HIS ACTIVITIES AND WORKING HOURS IN ACCORDANCE WITH THE REQUIREMENTS
- 12. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING HIS WORK WITH THE WORK OF OTHERS AS IT MAY RELATE TO RADIO EQUIPMENT, ANTENNAS AND ANY OTHER PORTIONS OF THE WORK. INSTALL ALL EQUIPMENT AND MATERIAL IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS
- UNLESS SPECIFICALLY OTHERWISE INDICATED OR WHERE LOCAL CODES OR REGULATIONS TAKE PRECEDENCE.
- MAKE NECESSARY PROVISIONS TO PROTECT EXISTING SURFACE, EQUIPMENT, IMPROVEMENTS, PIPING, ETC. AND IMMEDIATELY REPAIR ANY DAMAGE THAT OCCURS DURING CONSTRUCTION.
- IN DRILLING HOLES INTO CONCRETE WHETHER FOR FASTENING OR ANCHORING PURPOSES, OR 15 PENETRATIONS THROUGH THE FLOOR FOR CONDUIT RUNS, PIPE RUNS, ETC., IT MUST BE CLEARLY UNDERSTOOD THAT REINFORCING STEEL SHALL NOT BE DRILLED INTO, CUT OR DAMAGED UNDER ANY CIRCUMSTANCES (UNLESS NOTED OTHERWISE). LOCATIONS OF REINFORCING STEEL ARE NOT DEFINITELY KNOWN AND THEREFORE MUST BE SEARCHED FOR BY APPROPRIATE METHODS AND EQUIPMENT.
- REPAIR ALL EXISTING WALL SURFACE DAMAGED DURING CONSTRUCTION SUCH THAT THEY MATCH AND BLEND IN WITH ADJACENT SURFACE
- 17 SEAL PENETRATION THROUGH FIRE RATED AREAS WITH ULL LISTED AND FIRE CODE APPROVED MATERIALS KEEP CONTRACT AREA CLEAN, HAZARD FREE, AND DISPOSE OF ALL DIRT, DEBRIS, AND RUBBISH. EQUIPMENT 18 NOT SPECIFIED AS REMAINING ON THE PROPERTY OF THE OWNER SHALL BE REMOVED. LEAVE PREMISES IN CLEAN CONDITIONS AND FREE FROM PAINT SPOT, DUST, OR SMUDGES OF ANY NATURE. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL ITEMS UNTIL COMPLETION OF CONSTRUCTION
- MINIMUM BEND RADIUS OF ANTENNA CABLE SHALL BE IN ACCORDANCE WITH CABLE MANUFACTURER'S RECOMMENDATIONS.
- 20 DAMAGE TO EXISTING STRUCTURES AND/OR UTILITIES RESULTING FROM CONTRACTORS NEGLIGENCE SHALL BE REPAIRED AND/OR REPLACED TO THE OWNERS SATISFACTION AT NO ADDITIONAL COST TO THE CONTRACT
- ALL CONSTRUCTION IS TO ADHERE TO AT&T'S INTEGRATED CONSTRUCTION STANDARDS UNLESS NEW MEXICO 21 CODE IS MORE STRINGENT
- 22. THE INTENT OF THE PLANS AND SPECIFICATIONS IS TO PERFORM THE CONSTRUCTION IN ACCORDANCE WITH THE NEW MEXICO BUILDING STANDARDS CODE. SHOULD ANY CONDITIONS DEVELOP NOT COVERED BY THE APPROVED PLANS AND SPECIFICATIONS WHEREIN THE FINISH WORK WILL NOT COMPLY WITH THE REFERENCED CODE ON SHEET T-1.0. A CHANGE ORDER DETAILING AND SPECIFYING THE REQUIRED WORK
- SHALL BE SUBMITTED TO AND APPROVED BY THE JURISDICTION BEFORE PROCEEDING WITH THE WORK. 23. GENERAL CONTRACTOR TO ENSURE THAT ALL BUILDING PENETRATIONS ARE SEALED AND WEATHERPROOFED

SITE WORK NOTES:

- DO NOT SCALE BUILDING DIMENSIONS FROM DRAWINGS.
- SIZE, LOCATION, AND TYPE OF ANY UNDERGROUND UTILITIES OR IMPROVEMENTS SHALL BE ACCURATELY NOTED AND PLACED ON AS-BUILT DRAWINGS BY GENERAL CONTRACTOR AND ISSUED TO ARCHITECT OR ENGINEER OF RECORD AT COMPLETION OF PROJECT.
- ALL EXISTING UTILITIES, FACILITIES, CONDITIONS AND THEIR DIMENSIONS SHOWN ON PLANS HAVE BEEN PLOTTED FROM AVAILABLE RECORDS. THE ARCHITECT OR ENGINEER OF RECORD AND OWNER ASSUME NO RESPONSIBILITY WHATSOEVER AS TO THE SUFFICIENCY OR ACCURACY OF THE INFORMATION SHOWN ON THE PLANS OR THE MANNER OF THEIR REMOVAL OR ADJUSTMENT. CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING EXACT LOCATION OF ALL EXISTING UTILITIES AND FACILITIES PRIOR TO START OF CONSTRUCTION. CONTRACTOR SHALL ALSO OBTAIN FROM EACH UTILITY COMPANY DETAILED INFORMATION RELATIVE TO WORK SCHEDULES AND METHODS OF REMOVING OR ADJUSTING EXISTING UTILITIES.
- CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES BOTH HORIZONTAL AND VERTICALLY PRIOR TO START OF CONSTRUCTION. ANY DISCREPANCIES OR DOUBTS AS TO THE INTERPRETATION OF PLANS SHALL BE IMMEDIATELY REPORTED TO THE ARCHITECT OR ENGINEER OF RECORD FOR RESOLUTION AND INSTRUCTION. AND NO FURTHER WORK SHALL BE PERFORMED UNTIL THE DISCREPANCY IS CHECKED AND CORRECTED BY THE ARCHITECT OR ENGINEER OF RECORD. FAILURE TO SECURE SUCH INSTRUCTION MEANS CONTRACTOR WILL HAVE WORKED AT HIS/HER OWN RISK AND EXPENSE. CONTRACTOR SHALL CALL LOCAL DIGGER HOT LINE FOR UTILITY LOCATIONS 48 HOURS PRIOR TO START OF CONSTRUCTION.
- CONTRACTOR SHALL CLEAN ENTIRE SITE AFTER CONSTRUCTION SUCH THAT NO PAPER. TRASH, WEEDS BRUSH OR ANY OTHER DEPOSITS WILL REMAIN. ALL MATERIALS COLLECTED DURING CLEANING OPERATIONS SHALL BE DISPOSED OF OFF-SITE BY THE GENERAL CONTRACTOR.

6. ALL SITE WORK SHALL BE CAREFULLY COORDINATED BY THE GENERAL CONTRACTOR WITH LOCAL UTILITY COMPANY, TELEPHONE COMPANY, AND ANY OTHER UTILITY COMPANIES HAVING JURISDICTION OVER THIS

PAINTING NOTES & SPECIFICATIONS:

A. GENERAL

- ALL PAINT PRODUCT LINES SHALL BE SHERWIN WILLIAMS UNLESS SPECIFICALLY NOTED OTHERWISE. CONTRACTOR SHALL PREPARE ALL SURFACES AND APPLY ALL FINISHES PER LATEST EDITION OF
- MANUFACTURER'S SPECIFICATIONS. COMPLY WITH MANUFACTURER'S WRITTEN INSTRUCTIONS REGARDING SUFFICIENT DRYING TIME BETWEEN
- COATS WITH PROVISIONS AS RECOMMENDED BY MANUFACTURER FOR EXISTING WEATHER CONDITIONS. FINISH COLOR AND TEXTURE OF ALL PAINTED SURFACES SHALL MATCH EXISTING ADJACENT SURFACES UNLESS OTHERWISE NOTED.
- ALL PAINT MATERIAL DATA SHEETS SHALL BE PROVIDED TO THE AT&T CONSTRUCTION MANAGER.
- PREPARE PREVIOUSLY PAINTED SURFACE BY LIGHT SANDING WITH 400 GRIT SANDPAPER AND NON-HYDROCARBON WASH. PREPARE GALVANIZED SURFACES BY ACID ETCH OR SOLVENT CLEANING IN ACCORDANCE WITH SSPC-SP1
- FURNISH DROP CLOTHES, SHIELDS, MASKING AND PROTECTIVE METHODS TO PREVENT SPRAY OR DROPPINGS FROM DAMAGING AD JACENT SURFACES AND FACILITIES
- APPLY PAINT BY AIRLESS SPRAY, SANDING LIGHTLY BETWEEN EACH SUCCEEDING ENAMEL COAT ON FLAT SURFACES. APPLY MATERIAL TO ACHIEVE A COATING NO THINNER THAN THE DRY FILM THICKNESS INDICATED.
- APPLY BLOCK FILTER TO CONCRETE BLOCK CONSTRUCTION AT A RATE TO ENSURE COMPLETE COVERAGE WITH PORES COMPLETELY FILLED.
- 10. CONTRACTOR SHALL CORRECT RUNS, SAGS, MISSES AND OTHER DEFECTS INCLUDING INADEQUATE COVERAGE AS DIRECTED BY THE AT&T CONSTRUCTION MANAGER. REPAINT AS NECESSARY TO ACHIEVE SURFACES WHICH ARE SMOOTH, EVENLY COATED WITH UNIFORM SHEEN AND FREE FROM BLEMISHES.
- B. COATING SYSTEM SPECIFICATIONS
- DTM ACRYLIC COATING (SERIES B66) BY SHERWIN WILLIAMS CO. 1MIL DFT PER COAT APPLIED IN TWO COATS OVER DTM BONDING PRIMER (B66A50)
- 100% ACRYLIC, LATEX COATING EQUIVALENT TO A-100 (SERIES A-82) BY SHERWIN WILLIAMS CO. 1 DFT PER COAT APPLIED IN TWO COATS OVER SPECIFIED PRIMER. PAINT & PRIMER

ANTENNAS - PAINT SHALL BE VERIFIED WITH MANUFACTURER IF ACCEPTABLE PRIMER - KEM AQUA E61-W525 TOPCOAT - COROTHANE II B65W200/B60V22

BTS CABINET PRIMER - KEM AQUA E61-W525

TOPCOAT - COROTHANE II B65W200/B60V22 COAXIAL JUMPER CABLES

PRIMER - AS REQUIRED FOR ADHESION, APPLY ONE COAT OF KEM AQUA WATER REDUCIBLE PRIMER E61W25 REDUCED 25% TOPCOAT - 2 COATS COROTHANE II POLYURETHANE B65W200/B60V2

RAW STEEL

PRIMER - KEM BOND HS B50WZ4, DMT ACRYLIC PRIMER TOPCOAT - 2 COATS COROTHANE II POLYURETHANE B65W200/B60V2

GAL VANIZED METAL

ACID ETCH WITH COMMERCIAL ETCH OR VINEGAR PRIMER COAT AND FINISH COAT (GALVITE HIGH SOLIDS OR DTM PRIMER/FINISH)

STAINLESS STEEL PRIMER - OTM WASH PRIMER, B71Y1

TOPCOATS - 2 COATS COROTHANE II POLYURETHANE B65W200/B60V2

PRE-PRIMED STEEL

TOUCH UP ANY RUST OR UN-PRIMED STEEL WITH KEM BOND HS, SS0WZ4

ALUMINUM & COPPER

PRIMER - DTM WASH PRIMER, B71Y1 TOPCOAT - 2 COATS COROTHANE II POLYURETHANE B65W200/B60V2

CONCRETE MASONRY

PRIMER - PRO MAR EXTERIOR BLOCK FILLER TOPCOAT - 2 COATS A-100 LATEX HOUSE & TRIM, SHEEN TO MATCH

CONCRETE STUCCO (EXISTING) 2 COATS A-100 LATEX HOUSE & TRIM, SHEEN TO MATCH

STUCCO

PRIMER - PRO MAR MASONRY CONDITIONED B-46 W21000 TOPCOAT - SUPERPAINT A-80 SERIES A-89 SATIN A-84 GLOSS

WOOD

PRIMER - A-100 EXTERIOR ALKYD W009D PRIMER Y-24W20 TOPCOAT - 2 COATS A-100 LATEX HOUSE & TRIM SHEEN TO MATCH ADJACENT SURFACES

FIELD CUTS/ DAMAGE (PRIOR TO PRIME & PAINT)

FIRST & SECOND COAT - CUPRINOL CLEAR WOOD PRESERVATIVE #158-0356 ALL PENETRATIONS INTO FINISHED GLU-LAMS SHALL BE CAULKED WITH "SIKAFLEX" SEALANT

STEEL TOUCH UP

STEEL THAT HAS BEEN WELDED, CUT OR SCRATCHED IN THE FIELD SHALL BE TOUCHED UP WITH COLD GALVANIZED PAINT.

GROUNDING NOTES:

- COMPRESSION CONNECTIONS (2), 2 AWG BARE TINNED SOLID COPPER CONDUCTORS TO GROUNDING BAR. ROUTE CONDUCTORS TO BURIED GROUNDING RING AND PROVIDE PARALLEL EXOTHERMIC WELD.
- ALL HARDWARE 18-8 STAINLESS STEEL, INCLUDING LOCK WASHERS, COAT ALL SURFACES WITH AN ANTI-OXIDANT COMPOUND BEFORE MATING, ALL HARDWARE SHALL BE STAINLESS STEEL 3/8 INCH DIAMETER **OR LARGER**
- FOR GROUND BOND TO STEEL ONLY: INSERT A CADMIUM FLAT WASHER BETWEEN LUG AND STEEL, COAT ALL SURFACES WITH AN ANTI-OXIDANT COMPOUND BEFORE MATING.

- 4. NUT & WASHER SHALL BE PLACED ON THE FRONT SIDE OF THE GROUNDING BAR AND BOLTED ON THE BACK SIDE
- NUMBER OF GROUNDING BARS MAY VARY DEPENDING ON THE TYPE OF TOWER, ANTENNA LOCATION, AND CONNECTION ORIENTATION, PROVIDE AS REQUIRED.
- ALL ELECTRICAL AND GROUNDING AT THE CELL SITE SHALL COMPLY WITH THE NATIONAL ELECTRICAL CODE (NEC), NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 780 (LATEST EDITION), NEW MEXICO BUILDING STANDARDS AND MANUFACTURER.

FIRE DEPARTMENT NOTES:

- IF FIRE DEPARTMENT FINAL INSPECTION IS REQUIRED, SCHEDULE INSPECTION 2 DAYS IN ADVANCE.
- LEAD-ACID BATTERIES IS NOT REQUIRED FOR THE QUANTITIES ON SITE 3 A NEW MEXICO /INTERNATIONAL FIRE CODE PERMIT MAY BE REQUIRED FOR THE HAZARDOUS MATERIALS ON
- SITE. REQUIRED SIGNAGE SHALL INCLUDE LETTERING HEIGHT OF AT LEAST ONE INCH, IN A COLOR THAT CONTRASTS
- TO THE SIGN BACKGROUND, AND SHALL BE PROMINENTLY DISPLAYED AN APPROVED METHOD TO NEUTRALIZE SPILLED ELECTROLYTE SHALL BE PROVIDED IN THE BATTERY ROOM
- BATTERIES SHALL BE PROVIDED WITH SAFETY VENTING CAPS.
- CONTRACTOR SHALL VERIFY IN FIELD THE EXISTENCE OR INSTALLATION OF A FIRE EXTINGUISHER WITH A MINIMUM RATING OF 2A-10BC. WITH A CHARGE STATUS ACCEPTABLE TO THE LOCAL FIRE AUTHORITY HAVING JURISDICTION
- LOCATIONS AND CLASSIFICATIONS OF EXTINGUISHERS SHALL BE IN ACCORDANCE WITH THE NEW MEXICO INTERNATIONAL FIRE CODE STANDARD 10-1 AND PLACEMENT IS SUBJECT TO APPROVAL OF THE COUNTY BUILDING FIRE INSPECTOR
- STORAGE, DISPENSING OR USE OF ANY FLAMMABLE AND COMBUSTIBLE LIQUIDS, FLAMMABLE AND COMPRESSED GASES, AND OTHER HAZARDOUS MATERIALS SHALL COMPLY WITH UNIFORM FIRE CODE REGULATIONS.
- EXIT DOORS SHALL BE ABLE TO OPEN FROM THE INSIDE WITHOUT THE USE OF KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT
- ADDRESSED ON.
- EQUAL OR GREATER FIRE RATING.
- 13. DECORATIVE MATERIALS SHALL BE MAINTAINED IN A FLAME-RETARDANT CONDITION. [NEW MEXICO /INTERNATIONAL FIRE CODE 807.31

CONCRETE:

PART 1 - GENERAL

- WORK INCLUDES FORMWORK, REINFORCEMENT, ACCESSORIES, CAST-IN-PLACE CONCRETE, FINISHING, AND CURING
- INSPECTIONS 2.
- CONTRACTOR IS RESPONSIBLE FOR SCHEDULING BUILDING DEPARTMENT INSPECTIONS REQUIRED FOR Α. THE SCOPE OF WORK BEING PERFORMED
- ALL REINFORCING STEEL SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND UPLOADED TO TALON VIEW FOR APPROVAL.
- 3. QUALITY ASSURANCE
- A. CONSTRUCT AND ERECT CONCRETE FORM WORK IN ACCORDANCE WITH ACI 301 AND ACI 318.

SUBMITTALS

PART 2 - PRODUCTS

D

3.

2. CONCRETE MATERIALS

CONCRETE MIX

REINFORCEMENT MATERIALS

A CEMENT: ASTM C150 PORTLAND TYPE

STRUCTURAL CONCRETE.

SITE VISIT: 11/12/2019

DISTANCE BEHIND OR BETWEEN REINFORCING

REFERENCED DOCUMENTS:

AIR ENTRAINING ADMIXTURE: ASTM C260.

SUBMIT CONCRETE MIX DESIGN AND REINFORCING STEEL SHOP DRAWINGS FOR APPROVAL BY AT&T CONSTRUCTION MANAGER. THE SHOP DRAWINGS SHALL BE SUBMITTED IN THE FORM OF TWO (2) CONCRETE MIX DESIGN INFORMATION SHEETS AND TWO (2) DRAWINGS FOR REINFORCING STEEL

A NEW MEXICO /INTERNATIONAL FIRE CODE PERMIT TO OPERATE BATTERY SYSTEMS WITH STATIONARY

ADDRESS NUMBERS SHALL BE A MINIMUM 6 INCHES HIGH AND PLAINLY VISIBLE FROM ROADWAY BUILDING IS

ALL PENETRATIONS THROUGH FIRE RATED ASSEMBLIES SHALL BE CONSTRUCTED SO AS TO MAINTAIN AN

PERFORM CONCRETE REINFORCING WORK IN ACCORDANCE WITH ACI 301 ACI 318 AND ASTM A184 PERFORM CAST-IN-PLACE CONCRETE WORK IN ACCORDANCE WITH ACI 301, ACI 318, AND ACI 117-90.

REINFORCEMENT STEEL, ASTM A615, 60KSI YIELD GRADE, REINFORCING STEEL RODS, PLAIN FINISH. WELDED STEEL WIRE FABRIC ASTM A185 PLAIN TYPE, IN FLAT SHEETS, PLAIN FINISH CHAIRS, BOLSTERS, BAR SUPPORTS, SPACERS, SIZED AND SHAPED FOR SUPPORTS OF REINFORCING FABRICATE CONCRETE REINFORCING IN ACCORDANCE WITH ACI 315, AND ACI 318, AND ASTM A184.

FINE AND COURSE AGGREGATES: ASTM C33 - MAXIMUM SIZE OF CONCRETE AGGREGATE SHALL NOT EXCEED ONE (3/4) INCH SIZE SUITABLE FOR INSTALLATION METHODS UTILIZED FOR ONE-THIRD CLEAR

WATER: CLEAN AND NOT DETRIMENTAL TO CONCRETE

A. CONCRETE MATERIALS SHALL CONFORM TO THE APPROPRIATE A.C.I. REQUIREMENTS FOR EXPOSED

MIX AND DELIVER CONCRETE IN ACCORDANCE WITH ASTM C94, ALT, 3. PROPORTIONS OF CONCRETE MATERIALS SHALL BE SUITABLE FOR THE INSTALLATION METHOD UTILIZED AND SHALL RESULT IN DURABLE CONCRETE FOR LOCAL ANTICIPATED AGGRESSIVE ACTIONS. THE DURABILITY REQUIREMENTS OF ACI 318 CHAPTER F4 SHALL BE SATISFIED BASED ON THE CONDITIONS EXPECTED AT THE SITE, PROVIDE CONCRETE AS FOLLOWS: COMPRESSIVE STRENGTH 4000 PSI AT 28 DAYS, SLUMP : 3 INCHES

CONSTRUCTION DRAWINGS: 11/13/2019 BY: B+T GROUP SCOPE OF WORK: 02/18/2020 (DATE OF REFERENCE SPREADSHEET)





5015 SHOREHAM PLACE, SUITE 150 SAN DIEGO, CA 92122 www.sacw.com



BARRINGTON, IL 60010 TELEPHONE: 847.277.0070 FAX: 847.277.0080 ae@westchesterservices.com

JOHN M. BANKS ARCHITECT

604 FOX GLEN BARRINGTON II 60010 TELEPHONE: 847-277-0070 847-277-0080 FAX ibanks@westchesterservices.com

-			-					
	REVISIONS							
REV.	DATE	DESCRIPTION	INITIALS					
Е	08/04/20	90% CD FOR REVIEW	YH					
F	08/26/20	90% CD FOR REVIEW	YH					
G	09/02/20	90% CD FOR REVIEW	YH					
н	09/24/21	90% CD FOR REVIEW	YH					
I	10/04/21	90% CD FOR REVIEW	YH					

HEREBY CERTIFY THAT THESE PLANS WERE PREPAR BY ME AND UNDER MY DIRECT SUPERVISION AND THAT AM DULY REGISTERED ARCHITECT UNDER THE LAWS O THE STATE OF NEW MEXICO

> FIRSTNET JEMEZ SPRINGS NML02659A 17816 HIGHWAY 4 JEMEZ SPRINGS, NM 87025

> > SHEET TITLE

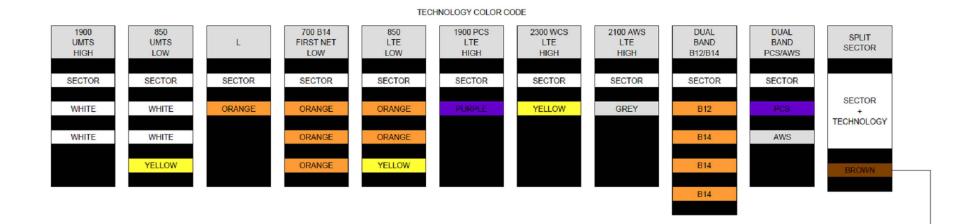
GENERAL NOTES

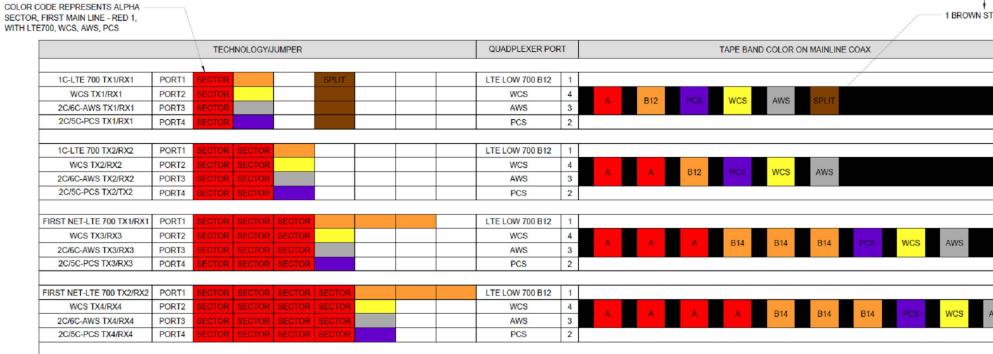
SHEET NUMBER

T-2.0

DSW (DESERT SOUTHWEST)













FIRSTNET JEMEZ SPRINGS NML02659A 17816 HIGHWAY 4 JEMEZ SPRINGS, NM 87025

SHEET TITLE

SECTOR COLOR CODE

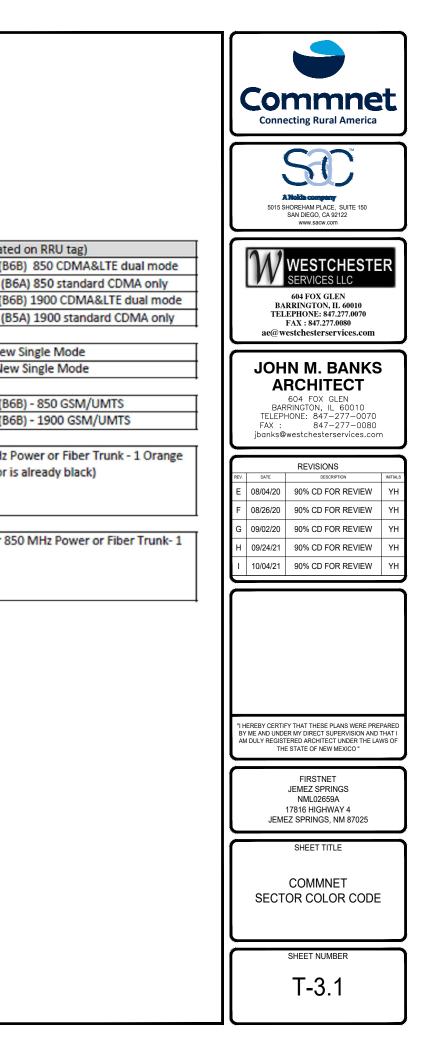
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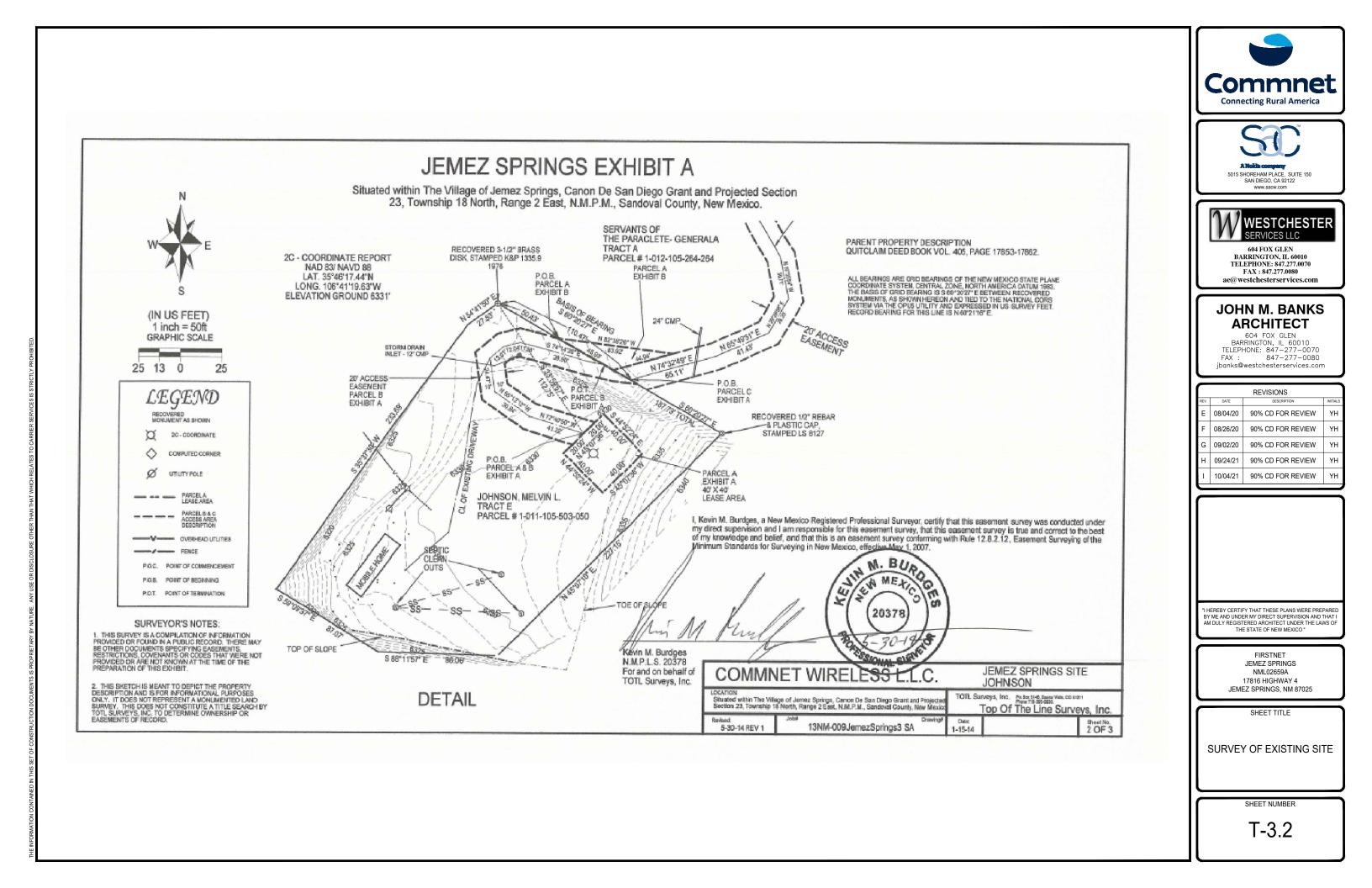
T-3.0

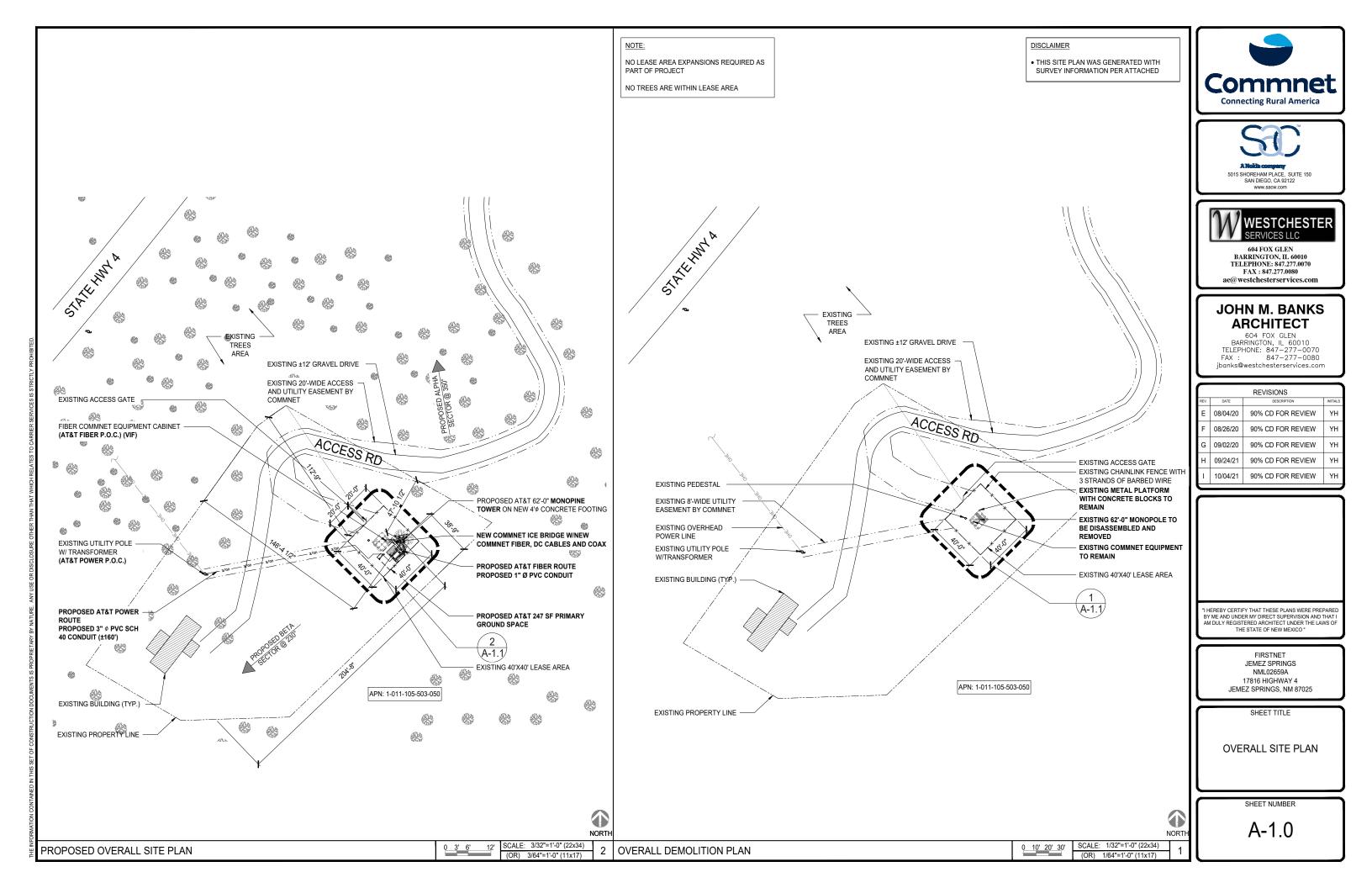
COMMNET COLOR CODE

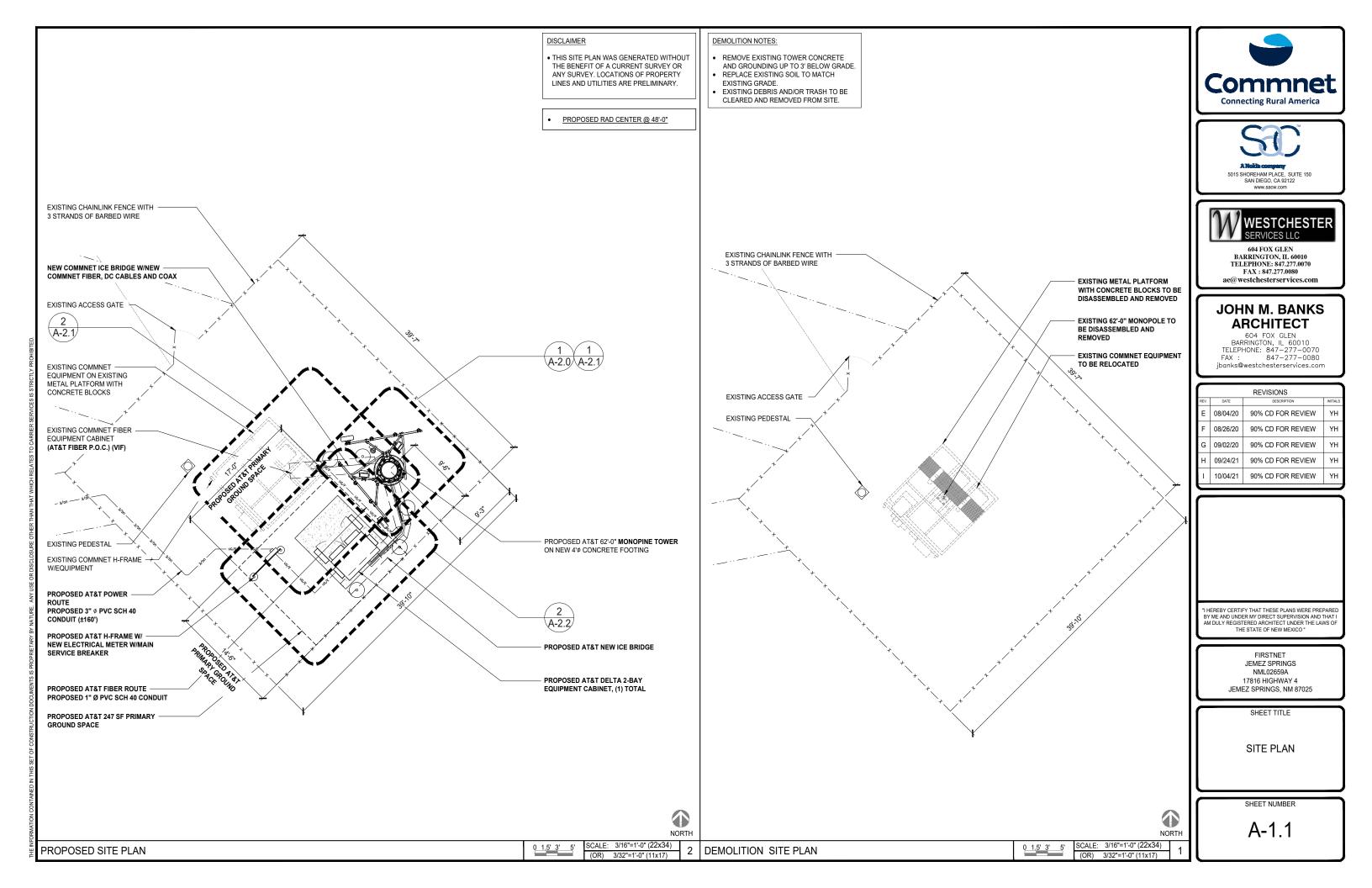
	Cable Color (Code Schedule		I					
Technology	Cable Type	Tape Color			Comments				
LTE	Power Trunk 1 Orange Wrap		Additional Power or Fiber Trunks for LTE, Add 1 Additional Wrap						
LTE	Fiber Trunk	1 Orange Wrap	-						
GSM/UMTS	Power Trunk	1 Yellow Wrap	Additional Power or Fiber Trunks for GSM/UMTS, Add 1 Additional Wrap						
GSM/UMTS	Fiber Trunk	1 Yellow Wrap	-		· · · · · · ·				
CDMA/EVDO	Power Trunk	1 Green Wrap	Additional Pov	ver or Fiber T	runks for CDMA, Add 1 Additional Wrap				
CDMA/EVDO	Fiber Trunk	1 Green Wrap	1		, , , , ,				
UMTS	Power Trunk	1 Purple Wrap	Additional Pov	ver or Fiber T	runks for UMTS, Add 1 Additional Wrap				
UMTS	Fiber Trunk	1 Purple Wrap	-		,				
EVDO	Power Trunk	1 White Wrap	Additional Pov	ver or Fiber T	runks for DO, Add 1 Additional Wrap				
EVDO	Fiber Trunk	1 White Wrap	-		, , , , ,				
Technology	Cable Type	Tape Color			Comments				
LTE	Power Jumper	1 Orange + Freq+Sector							
LTE	Fiber Jumper	1 Orange + Freq+Sector							
GSM/UMTS	Power Jumper	1 Yellow + Freq+Sector							
GSM/UMTS	Fiber Jumper	1 Yellow + Freq+Sector							
CDMA/EVDO	Power Jumper	1 Green + Freq+Sector							
CDMA/EVDO	Fiber Jumper	1 Green + Freq+Sector							
UMTS	Power Jumper	1 Purple + Freq+Sector							
UMTS	Fiber Jumper	1 Purple + Freq+Sector							
EVDO	Power Jumper	1 White + Freq+Sector							
EVDO	Fiber Jumper	1 White + Freq+Sector							
Frequency	Color		Technology	Cable Type	Tape Color				
700	Black/Blank		LTE	RET	1 Orange + Sector (additional sector wrap for each additional RET cable, first wrap starts at the RRU)				
850	Grey		GSM/UMTS	RET	1 Yellow + Sector (additional sector wrap for each additional RET cable, first wrap starts at the RRU)				
1900	Brown		CDMA/EVDO	RET	1 Green + Sector (additional sector wrap for each additional RET cable, first wrap starts at the RRU)				
			UMTS	RET	1 Purple + Sector (additional sector wrap for each additional RET cable, first wrap starts at the RRU)				
Sector	Cable Type	Color	EVDO	RET	1 White + Sector (additional sector wrap for each additional RET cable, first wrap starts at the RRU)				
х	Coax Jumper	Red							
Y	Coax Jumper	White							
Z	Coax Jumper	Blue							

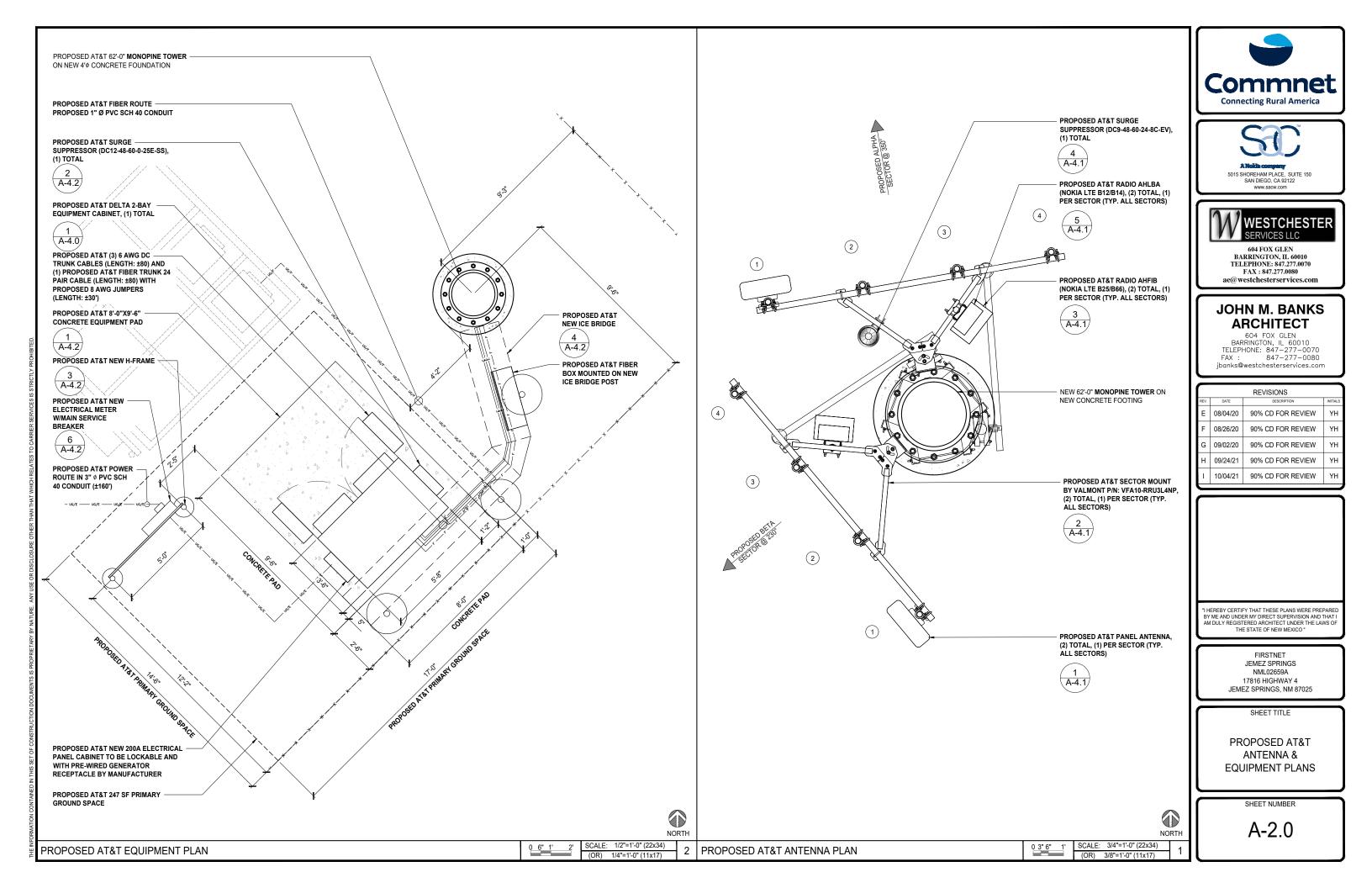
	RRU P/N Code (Locat
129555731012	ZXSDR R8882 S8500(B
129555731009	ZXSDR R8882 S8500 (8
129555731011	ZXSDR R8882 S1900(B
129555731010	ZXSDR R8882 S1900 (
129555731037	850 CDMA R8882 Net
129555731035	1900 CDMA R8882 Ne
129555731023	ZXSDR R8882 S8500(B
129555731024	ZXSDR R8882 S1900(B
Example: Color C	ode for LTE for 700 MHz
	Leave Blank (cable color
• •	•
Example: Color C	ode for GSM/UMTS for 8
Yellow Wrap, 1 G	•

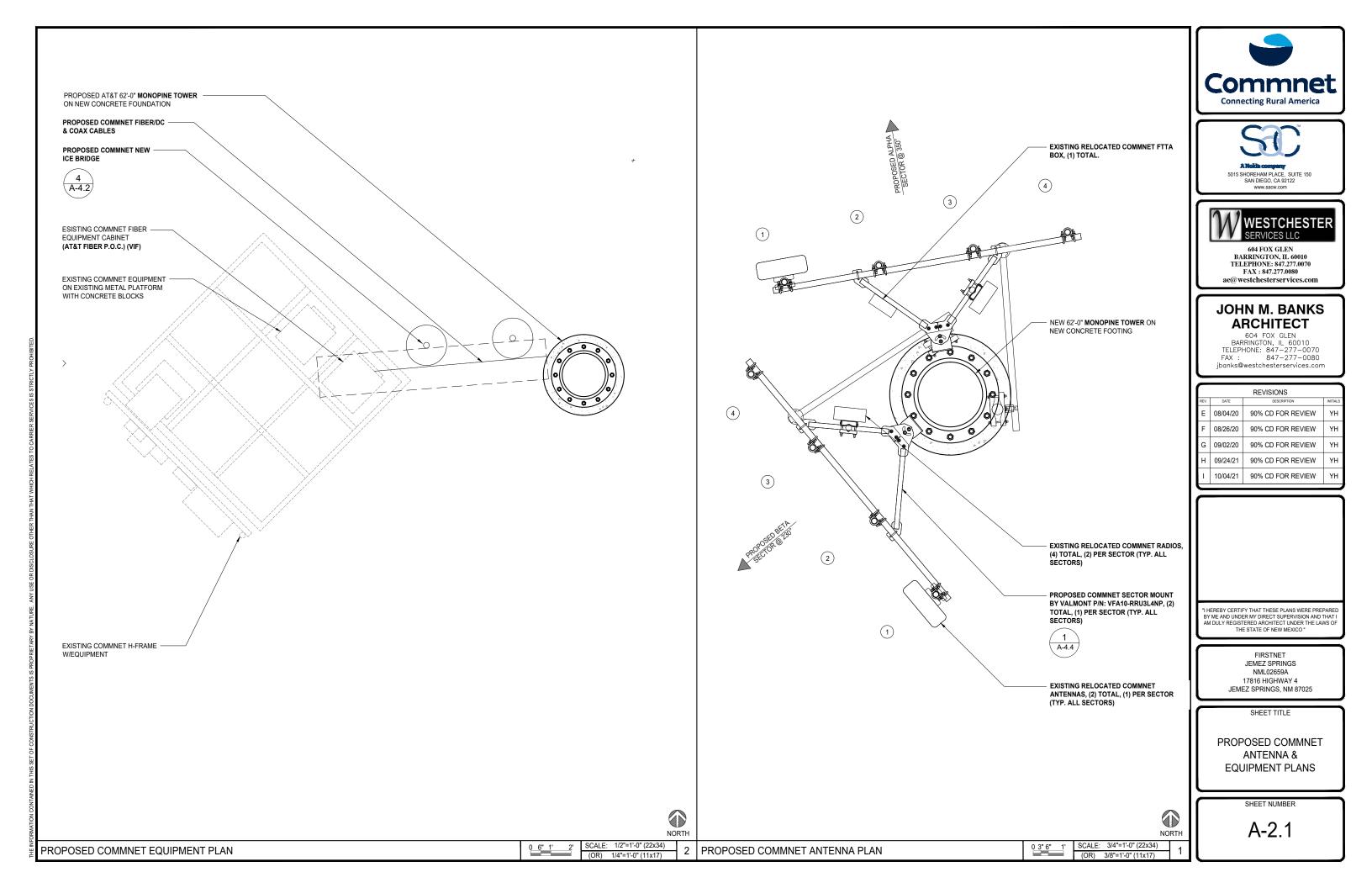


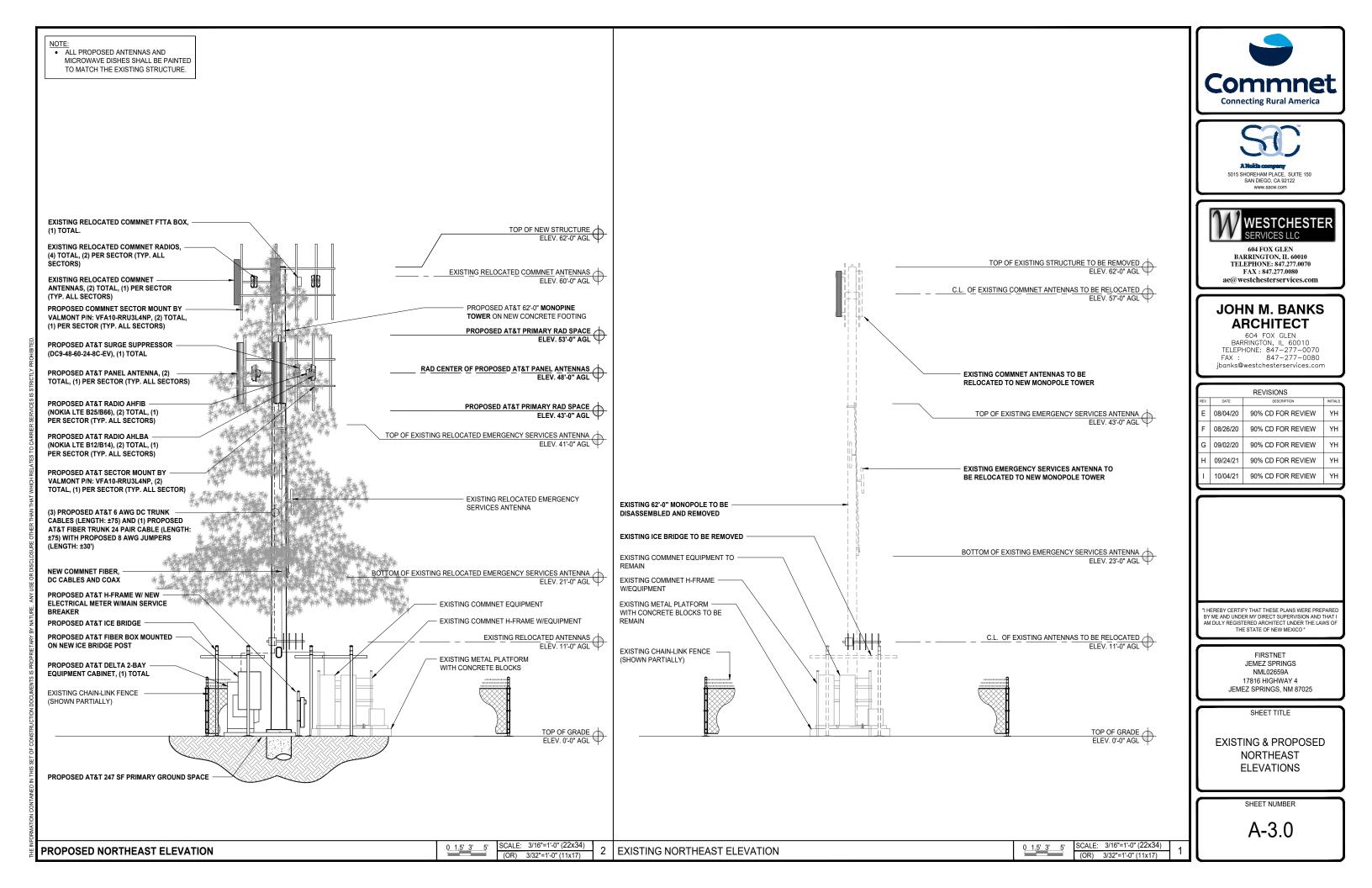














ESOF020-HCV02 2-Bay Walk Upto Cabinet (WUC)

Product Features

- Sealed Multi-bay Equipment and Power Compartment
- Sealed Battery Compartment
- Corrosion Resistant Aluminum enclosure
- Thermo-siphon HEX cooling
- R6 Thermal Insulation Material
- Attachment Rails for AC Load Center
- Rear Access Hatches
- Optional Dual GPS Antenna Mount



Specifications

Model	ESOF020-HCV02 Walk Upto Cabinet (WUC)	Delta Group Website: www.deltaww.com
1. General	Previous contracted esteries testes testes to testes to testes	www.oeiidww.ooiii
System cooling capacity	2.5kW Equip Heat Load with Equip Inlet <55C @ 46C ambient	
Dimensions (W x H x D)	68W" x 42"D (50" including HEX) x 80"H (add 6" plinth)	Product Website:
Protection class	NEMA4	www.deltapowersolutic
Door latches	3 point latches (can be pad locked)	
Ground bar	2ea 10-positions	
Lifting Mechanism	4 lifting brackets	
Equipment Compartment	Bay 1 – 23*, 19RU for DC Power System and PDU Bay 2 – 23*, 44RU for equipment	United States of Ameri Delta Electronics (USA
Battery Compartment	Shelves for 3 strings batteries, designed for: GNB Marathon M12V180FT Enersys SBS190F Enersys SBS170F	2925 E. Plano Parkwa Plano, Texas 75074
Weight	1860 lbs (Batteries, Power System and Load Equipment excluded)	Sales
Materials:	Enclosure Aluminum AL5052, Inner frames Galvanized steel	Bryan Kearse
Finish	Powder Paint RAL7032	Office 919-767-38
Safety	cULus LISTED pending	Cell 919-800-7
2. Environment	the testes testes to barrier testes to the testes testes testes to	Bryan.Kearse@del
Operating temperature	-40°C to +50°C (-40°F to +122°F)	
Storage temperature	-40°C to +75°C (-40°F to +158°F)	Hari Subramanian
Acoustics	65 dBA @ 40C equipment inlet, 75 dBA @ 55C equipment inlet	Cell 214-415-49 Hari.Subramanian
Humidity (relative)	95%, non-condensing (Max.)	
3. Thermal management		Suggest
Cooling system	Equipment compartment: 2 200W/*K Thermosiphon HEX	Support Field Support
Heating system	Equipment compartment: 2 1500W DC heaters Battery compartment: 1 1500W DC heater	Field Support 1-877-DELTA-08 o (877-335-8208 opti
4. Equipment	비행은 것이 문서는 것이다. 이 아내는 것이 다 있는 것이 많이 많이 많이 많이 했다.	DEUSTPS.Support
Arranged for third-party	AC Load Center (not provided)	DECOTPO.ouppon
equipment:	DC Power System (not provided) Batteries (not provided)	Installation Services DEUSTPS.Services
Cable Entry:		DECOTPO. GENICE
AC Cable	(2) Trade Size 2" ports	Orders
Bottom Cable	Arranged for (3) Roxtec EzEntry 24/24 multi-port (not provided) Arranged for (3) Roxtec EzEntry 16/16 multi-port (not provided)	DEUSTPS.Orders
Lower Rear	(4) Trade Size 3" ports	Sales
Upper Rear	Arranged for (1) Valmont E575 port kit (not provided)	DEUSTPS.Sales@
5. Optional Items		DECOTI-0.0005@
Optional items	NEQ.20115 – Dual GPS Antenna Mast Kit (Delta 3798100742-S) NEQ.20114 – Wave Guide Top Plate (Valmont E575)	RMA DEUSTPS.RMA@0
6. Ordering information		DECOTRONING
System	NEQ.20212- Cabinet 2-Bay 2-HEX (Delta ESOF020-HCV02)	

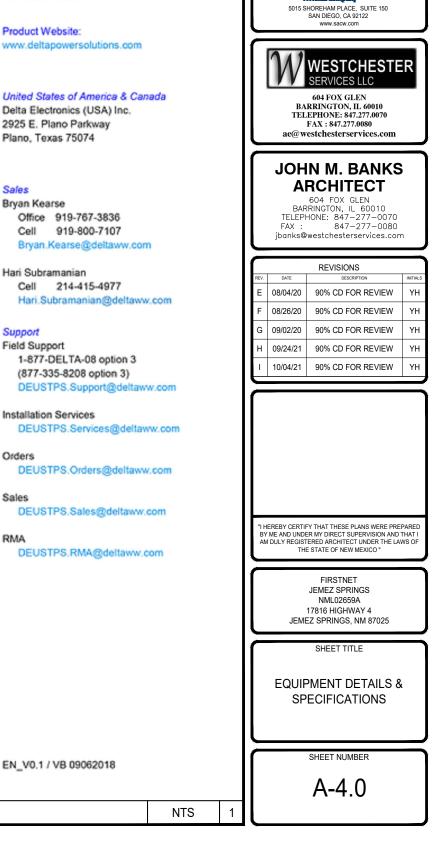


*All specifications are subject to change without prior notice.

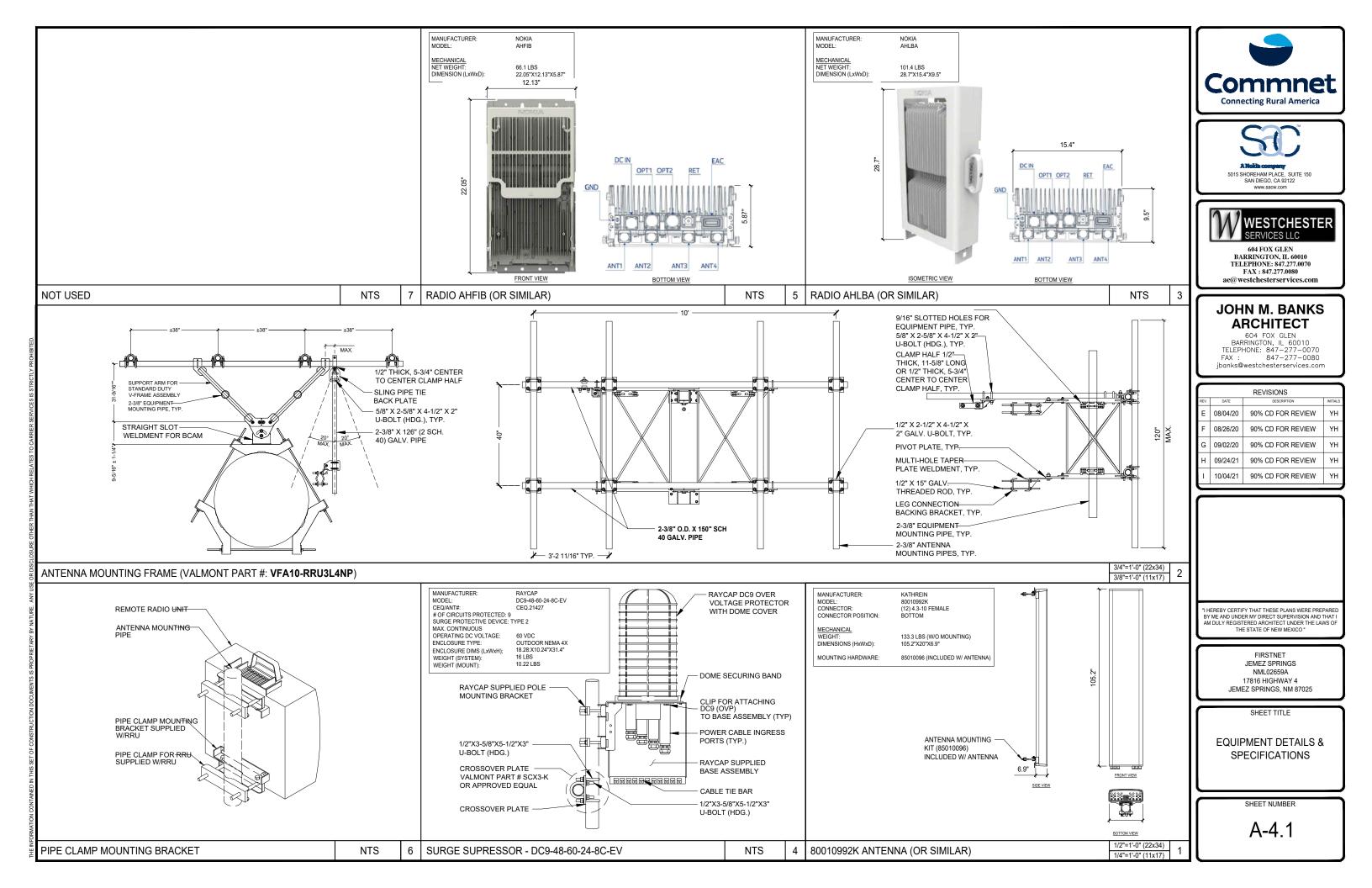
www.deltaww.com

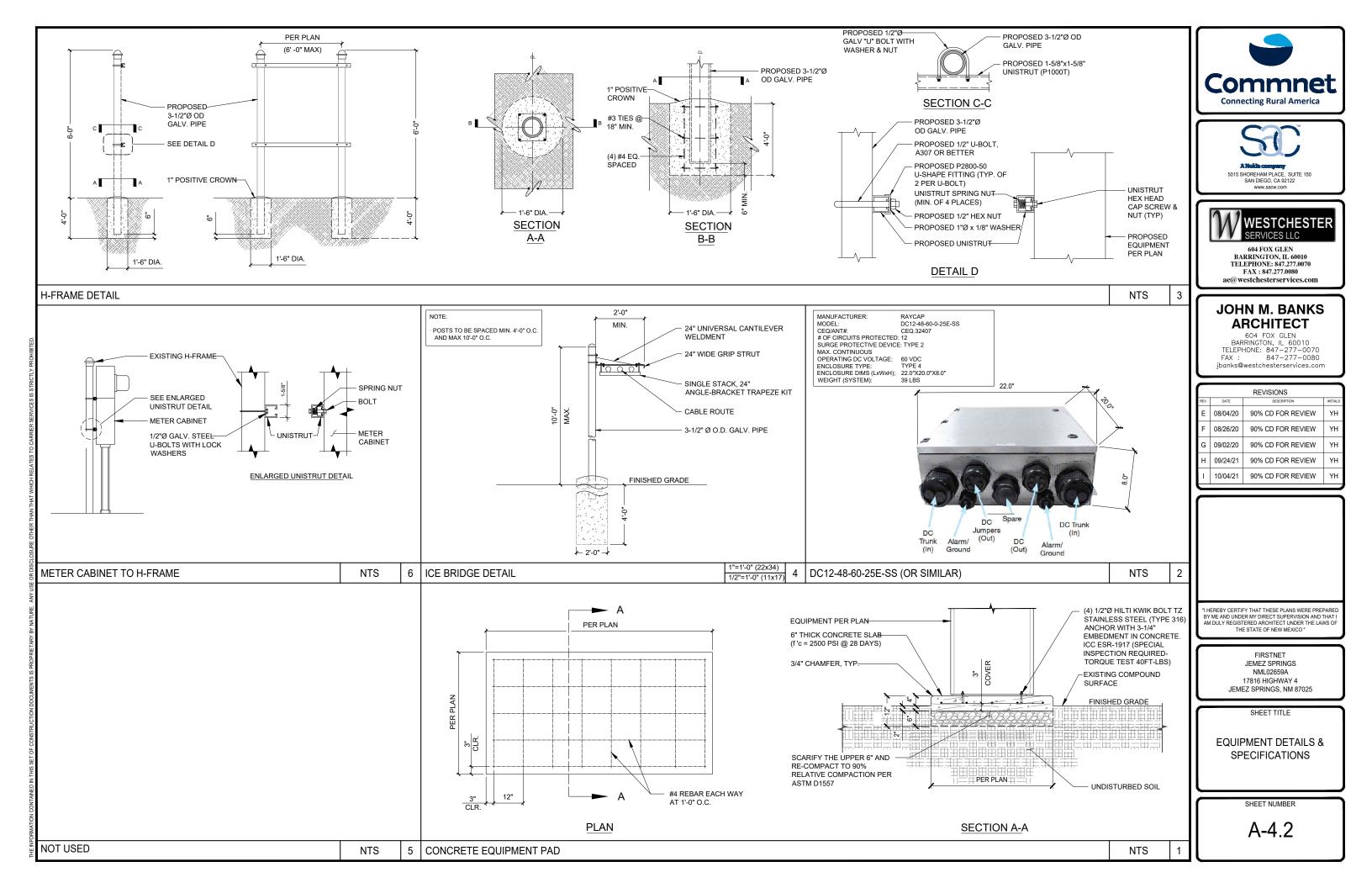
2

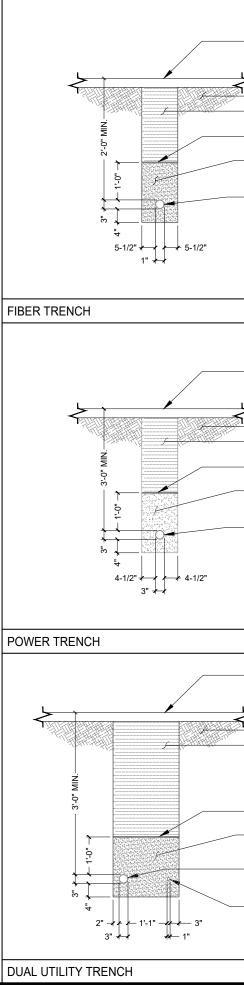
DELTA 2-BAY EQUIPMENT CABINET (ESOF020-HCV02)



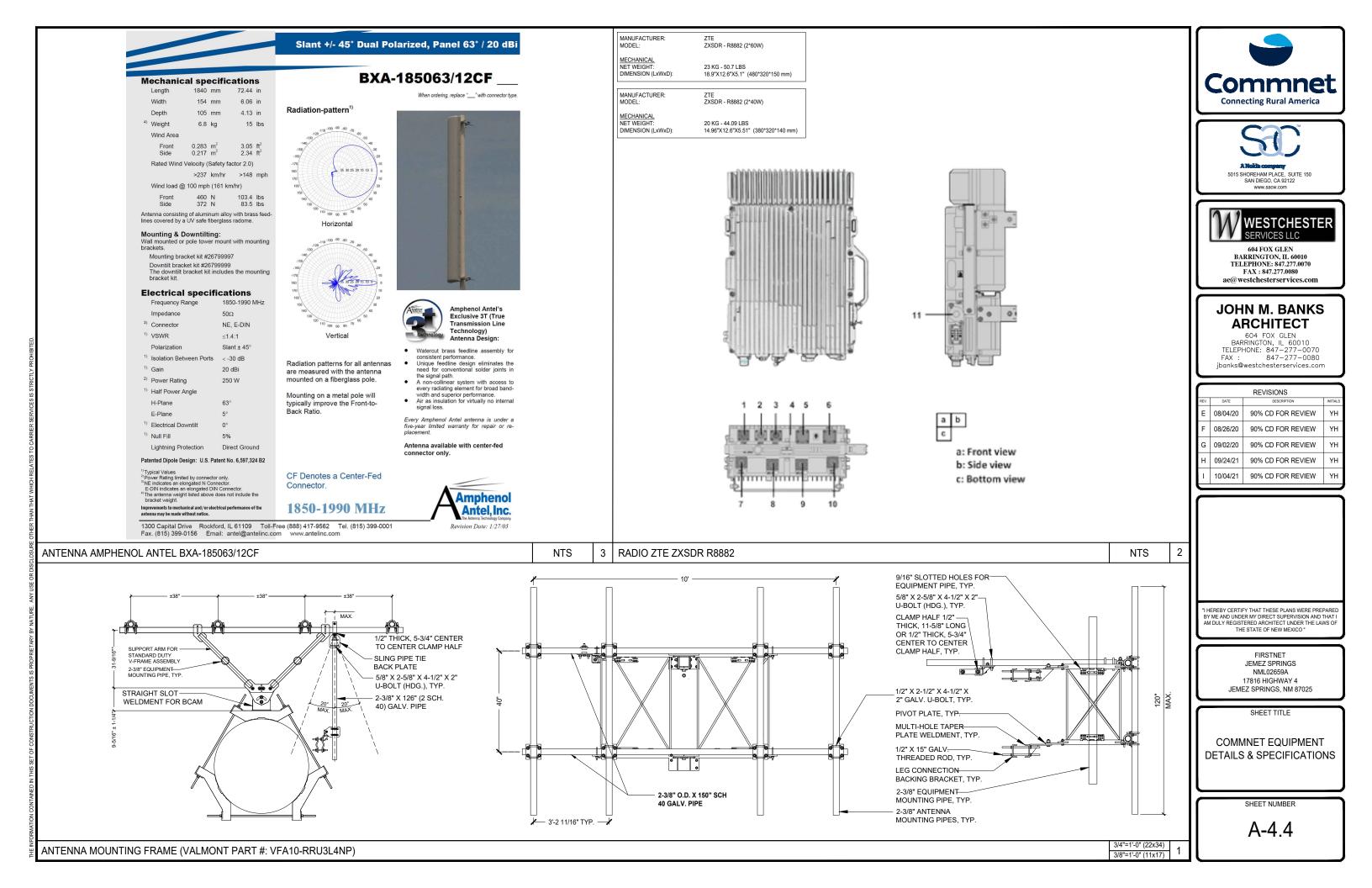
Commet Connecting Rural America



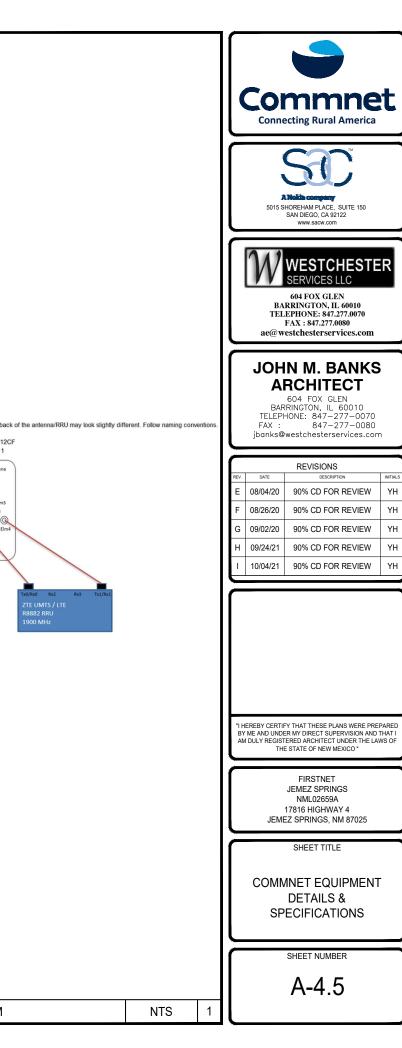


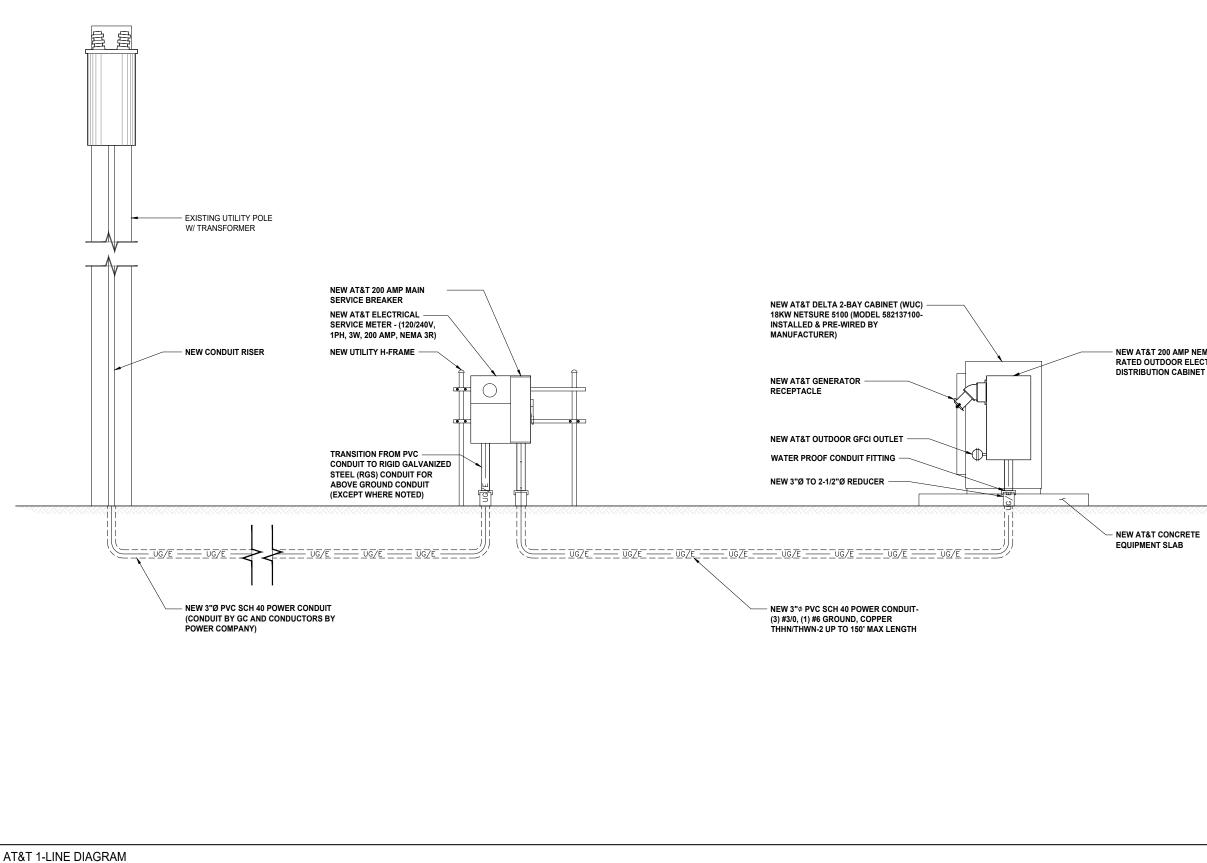


 RESTORE SURFACE MATER TO ORIGINAL CONDITION A INSTALLATION OF UTILITIES GRADE SURFACE TO LEVEI 	FTER S;	Commnet						
	-	Connecting Rural America						
- UNDISTURBED SOIL — BACKFILL EARTH TO 90% R								
COMPACTION PER ASTM D								
 UTILITY WARNING TAPE EN LENGTH OF CONDUIT RUN 	TIRE							
 BACKFILL (SAND OR NATIVE EQUIVALENT GREATER THA 90% RELATIVE COMPACTIC 	AN 30) COMPACT		A Notific company 5015 SHOREHAM PLACE, SUITE 150 SAN DIEGO, CA 92122					
- 1" PVC SCH 40 FIBER COND		51	www.sacw.com					
APPLICABLE (OR PVC SIZIN PER CABLE SIZE)	IG AS REQ'D							
	1		604 FOX GLEN BARRINGTON, IL 60010 TELEPHONE: 847.277.0070 FAX : 847.277.0080 ac@ westchesterservices.com					
	NTS	3						
- RESTORE SURFACE MATEF TO ORIGINAL CONDITION A INSTALLATION OF UTILITIES GRADE SURFACE TO LEVEI	FTER S;		JOHN M. BANKS ARCHITECT 604 FOX GLEN BARRINGTON, IL 60010 TELEPHONE: 847-277-0070 FAX : 847-277-0080 jbanks@westchesterservices.com					
			REVISIONS					
- BACKFILL EARTH TO 90% R			REV. DATE DESCRIPTION INITIALS					
COMPACTION PER ASTM D — UTILITY WARNING TAPE EN			E 08/04/20 90% CD FOR REVIEW YH					
LENGTH OF CONDUIT RUN	IIRE		F 08/26/20 90% CD FOR REVIEW YH					
 BACKFILL (SAND OR NATIVE EQUIVALENT GREATER THAT 		го	G 09/02/20 90% CD FOR REVIEW YH					
90% RELATIVE COMPACTIC	N PER ASTM D15		H 09/24/21 90% CD FOR REVIEW YH					
— 3" PVC SCH 40 ELECTRICAL WHERE APPLICABLE (OR P			I 10/04/21 90% CD FOR REVIEW YH					
	NTS	2						
		<u> </u>						
RESTORE SURFACE MATER TO ORIGINAL CONDITION A INSTALLATION OF UTILITIES GRADE SURFACE TO LEVE	NFTER S;		"I HEREBY CERTIFY THAT THESE PLANS WERE PREPARED BY ME AND UNDER MY DIRECT SUPERVISION AND THAT I AM DULY REGISTERED ARCHITECT UNDER THE LAWS OF THE STATE OF NEW MEXICO *					
			FIRSTNET					
— BACKFILL EARTH TO 90% R COMPACTION PER ASTM D		FIRSTNET JEMEZ SPRINGS NML02659A 17816 HIGHWAY 4 JEMEZ SPRINGS, NM 87025						
— UTILITY WARNING TAPE EN LENGTH OF CONDUIT RUN	ITIRE	SHEET TITLE						
 BACKFILL (SAND OR NATIV EQUIVALENT GREATER TH, 90% RELATIVE COMPACTIC 1" PVC SCH 40 FIBER CONE APPLICABLE (OR PVC SIZIN PER CABLE SIZE) 	AN 30) COMPACT ON PER ASTM D15 DUIT WHERE		EQUIPMENT DETAILS & SPECIFICATIONS					
WHERE APPLICABLE (OR P REQ'D PER POWER PROVID			SHEET NUMBER					
			A-4.3					
	NTS	1						
	1 1115	1						



Market / Call Sign	Commnet Four Corners /	WPTI719/WPOK572				Jemez Springs			NM		Sandoval		
	existing site / Johnson Pr				Latitude Deg	35	Lat Min	46	Lat Sec	17.44	Lat Decir	nal 35.771511	
Date (mm/dd/yy)	8/20/2020	Devision #	Pay 8	-	Longitude Deg	106	Long Min	41	Long Sec	19.63		nal -106.688786	
andidate Sheet Informatior Modified By		Revision #	Revo	-	Ground Elev (ft)	6331	Structure Type n	nonopole			Structure Ht	(ft) 62	
Technology	UMTS	CDMA-1x	EVDO	LTE-FDD	I		1						
BTS Vendo BTS Model / RRU mode		ZTE BS8900/R8882	ZTE BS8900/R8882	ZTE BS8900/R8882									
BIS Model / RRU mode Switch Name	Castle Rock	Castle Rock	Castle Rock	Castle Rock									
Radios on Tower or at Base Feeder Type	Tower Fiber	Tower Fiber	Tower Fiber	Tower Fiber									
Feeder length (ft	80	80	80	80				This site will cover	the town of Jemez Sprin Ma	gs from Madrid Road drid Rd and Redondo		ad, and Hwy 4 betv	ween
Frequency Banc Channel/Carrier Totals Per Secto	1900MHz B5 Band 1-1-0	1900MHzC1 Partial 1-1-0	1900MHzC1 Partial 2-2-0	1900MHz C3 Band 1-1-0			<u> </u>						
Carrier Bandwidth (LTE of Extended Range Radios(of total	n/a 0	n/a 0	n/a 0	n/a 0									
Radius / sector(14,28,75,103)(km	14-14-0	14-14-0	14-14-0	14-14-0									
MIMC	n/a Base Cabinets	n/a RRU's or RRH's	n/a WISP Radios	2x2 Antennas	Coax Lines	Fiber Lines	Power Lines	CAT5 Lines	TMA's	FTTA or Squid			
ment Site Totals	2	4 ite Notes / Project Desc	0	2	0	2	1	0	0 Change History	1			
Height of existin	g pole was measured a		main the same height.	installation. Replace e: Move RRU's and anteni et equipment only!									
				de - 4 - 19 - 4		nformation							
			Note	e that all port-specifi			ext tab in Plumbing D	iagram	1				
Antenna Numbe		Antenna 2	Note	e that all port-specifi			ext tab in Plumbing D	iagram					
Antenna Numbe Antenna Mode Antenna Manufacture	BXQ185063/12CF	Antenna 2	Note	e that all port-specifi			ext tab in Plumbing D	iagram					
Antenna Mode Antenna Manufacture Intenna Type (panel,omni	BXQ185063/12CF Amphenol quad pole panel	Antenna 2	Note	that all port-specifi			ext tab in Plumbing D	iagram					
Antenna Mode Antenna Manufacture tenna Type (panel,omni RET capable	BXQ185063/12CF Amphenol quad pole panel no	Antenna 2	Note	e that all port-specifi			ext tab in Plumbing D	iagram					
Antenna Mode Antenna Manufacture renna Type (panel,omni RET capable Antenna Center Line (ft Antenna Azimuti	BXQ185063/12CF Amphenol quad pole panel no 60 350	Antenna 2	Note	e that all port-specifi			ext tab in Plumbing D	iagram					
Antenna Mode Antenna Manufacture Itenna Type (panel,omni RET capable Antenna Center Line (ft Antenna Azimutt RRH Mountting Height (ft	BXQ185063/12CF Amphenol quad pole panel no 60 350 60	Antenna 2	Note	e that all port-specifi			ext tab in Plumbing D	iagram					
Antenna Mode Antenna Manufacture Antenna Type (panel,omni RET capable Antenna Center Line (ft Antenna Azimutt J / RRH Mounting Height (ft TMA Mode	BX0185063/12CF Amphenol quad pole panel no 60 350 60 n/a		Note	e that all port-specifi			ext tab in Plumbing D	iagram					
Antenna Mode Antenna Manufacture Antenna Type (panel,omni RET capable Antenna Center Line (ft Antenna Azimuti RU / RRH Mounting Height (ft TMA Mode Antenna Numbe	BX0185083/12CF Amphenol quad pole panel no 60 350 60 n/a Antenna 1	Antenna 2	Note	e that all port-specifi			ext tab in Plumbing D	iagram					
Antenna Mode Antenna Manufacture Antenna Type (panel,omni RET capable Antenna Center Line (ft Antenna Azimutt J / RRH Mounting Height (ft TMA Mode Antenna Numbe Antenna Mode Antenna Manufacture	BXQ185063/12CF Amphenol quad pole panel no 60 350 60 n/a Antenna 1 BXQ185063/12CF Amphenol		Note	e that all port-specifi			ext tab in Plumbing D	iagram					
Antenna Mode Antenna Manufacture Antenna Type (panel,omni RET capable Antenna Center Line (ft Antenna Azimutt U / RRH Mounting Height (ft TMA Mode Antenna Numbe Antenna Numbe Antenna Mode Antenna Mode	BXQ185063/12CF Amphenol quad pole panel no 60 350 60 n/a Antenna 1 BXQ185063/12CF Amphenol quad pole panel		Note	e that all port-specifi			ext tab in Plumbing D	iagram					
Antenna Mode Antenna Manufacture Antenna Type (panel,omni RET capable Antenna Center Line (ft Antenna Azimutt U / RRH Mounting Height (ft TMA Mode Antenna Numbe Antenna Mode Antenna Manufacture	BX0185063/12CF Amphenol quad pole panel no 60 350 60 n/a BX0185063/12CF Amphenol quad pole panel no		Note	e that all port-specifi			ext tab in Plumbing D	iagram					
Antenna Mode Antenna Manufacture Antenna Type (panel,omni RET capable Antenna Center Line (ft Antenna Azimutt U / RRH Mounting Height (ft TMA Mode Antenna Numbe Antenna Node Antenna Mode Antenna Manufacture Antenna Manufacture Antenna Type (panel,omni RET capable Antenna Center Line (ft Antenna Azimutt	BX0185063/12CF Amphenol quad pole panel no 60 350 60 n/a Antenna 1 BX0185063/12CF Amphenol quad pole panel no 60 230		Note	e that all port-specifi			ext tab in Plumbing D	iagram					
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Antenna Mode Antenna Manufacture Antenna Type (panel,omni RET capable Antenna Center Line (ft Antenna Azimuti U / RRH Mounting Height (ft Antenna Numbe Antenna Numbe Antenna Manufacture Antenna Type (panel,omni RET capable Antenna Center Line (ft Antenna Azimuti KU / RRH Mounting Height (ft	BX0185063/12CF Amphenol quad pole panel no 60 350 60 n/a BX0185063/12CF Amphenol quad pole panel no 60 230 60 n/a 230 60 n/a		Note	e that all port-specifi			ext tab in Plumbing D	iagram					
Antenna Mode Antenna Manufacture Antenna Type (panel,omni RET capable Antenna Center Line (ff Antenna Center Line (ff U / RRH Mounting Height (ft Antenna Numbe Antenna Manufacture Antenna Manufacture Antenna Center Line (ft Antenna Azimuth RU / RRH Mounting Height (ft TMA Mode Antenna Numbe Antenna Numbe Antenna Numbe Antenna Manufacture	BX0185083/12CF Amphenol quad pole panel no 60 350 60 n/a Antenna 1 BX0185083/12CF Amphenol quad pole panel no 60 230 60 n/a 230 60 n/a	Antenna 2	Note	e that all port-specifi			ext tab in Plumbing D	iagram					
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Antenna Mode Antenna Manufacture Antenna Type (panel,omni RET capable Antenna Center Line (ft Antenna Azimutt RU / RRH Mounting Height (ft TMA Mode Antenna Numbe Antenna Manufacture Antenna Type (panel,omni RET capable Antenna Center Line (ft Antenna Azimutt RU / RRH Mounting Height (ft TMA Mode Antenna Manufacture Antenna Manufacture Antenna Manufacture Antenna Manufacture Antenna Manufacture Antenna Type (panel,omni RET capable Antenna Type (panel,omni	BX0185063/12CF Amphenol quad pole panel no 60 350 60 n/a BX0185063/12CF Amphenol quad pole panel no 60 230 60 n/a Antenna 1	Antenna 2	Note	e that all port-specifi			ext tab in Plumbing D	iagram					
Antenna Mode Antenna Manufacture Intenna Type (panel.omni RET capable Antenna Center Line (ft Antenna Center Line (ft Antenna Azimutt / RRH Mounting Height (ft Antenna Manufacture Intenna Type (panel.omni RET capable Antenna Center Line (ft Antenna Azimutt / RRH Mounting Height (ft TMA Mode Antenna Numbe Antenna Numbe Antenna Manufacture Intenna Type (panel.omni RET capable Antenna Antenna Mode	BX0185063/12CF Amphenol quad pole panel no 60 350 60 n/a BX0185063/12CF Amphenol quad pole panel no 60 230 60 n/a 	Antenna 2	Note	e that all port-specifi			ext tab in Plumbing D	iagram					
Antenna Mode Antenna Manufacture Antenna Type (panel,omni RET capable Antenna Center Line (ft Antenna Center Line (ft Antenna Azimutt J / RRH Mounting Height (ft Antenna Manufacture Antenna Type (panel,omni RET capable Antenna Center Line (ft Antenna Center Line (ft Antenna Azimutt J / RRH Mounting Height (ft Antenna Numbe Antenna Mode Antenna Mode Antenna Manufacture Antenna Manufacture Antenna Type (panel,omni RET capable Antenna Center Line (ft Antenna Center Line (ft Antenna Center Line (ft Antenna Center Line (ft	BX0185063/12CF Amphenol quad pole panel no 60 350 60 n/a Antenna 1 BX0185063/12CF Amphenol quad pole panel no 60 230 60 n/a 230 60 n/a 4 Antenna 1	Antenna 2	Note	e that all port-specifi			ext tab in Plumbing D	iagram					
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Antenna Mode Antenna Manufacture Intenna Type (panel.omni RET capable Antenna Center Line (ft Antenna Center Line (ft Antenna Azimutt / RRH Mounting Height (ft Antenna Manufacture Intenna Type (panel.omni RET capable Antenna Manufacture Intenna Type (panel.omni Cantenna Azimutt / RRH Mounting Height (ft Antenna Numbe Antenna Manufacture Intenna Type (panel.omni RET capable Antenna Manufacture Intenna Type (panel.omni RET capable Antenna Azimutt / RRH Mounting Height (ft Antenna Azimutt / RRH Mounting Height (ft Antenna Azimutt / RRH Mounting Height (ft TMA Mode Antenna Numbe Antenna Numbe Antenna Numbe	BX0185063/12CF Amphenol quad pole panel no 60 350 60 n/a BX0185063/12CF Amphenol quad pole panel no 60 230 60 n/a 230 60 n/a 230 60 n/a 230 60 7/2 7/2 7/2 7/2 7/2 7/2 7/2 7/2	Antenna 2 Antenna 2 Antenna 2 Antenna 2	Note	that all port-specific			ext tab in Plumbing D	iagram					
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Antenna Mode Antenna Manufacture Intenna Type (panel,omni RET capable Antenna Center Line (ft Antenna Center Line (ft Antenna Azimutt / RRH Mounting Height (ft Antenna Numbe Antenna Manufacture Intenna Type (panel,omni RET capable Antenna Center Line (ft Antenna Mode Antenna Mode Antenna Manufacture Intenna Type (panel,omni RET capable Antenna Mode Antenna Mode Antenna Azimutt / RRH Mounting Height (ft Antenna Mode Antenna Manufacture Intenna Type (panel,omni RET capable Antenna Azimutt / RRH Mounting Height (ft Antenna Azimutt / RRH Mounting Height (ft Antenna Azimutt / RRH Mounting Height (ft Antenna Manufacture Intenna Type (panel,omni RET capable Antenna Manufacture Intenna Type (panel,omni RET capable Antenna Manufacture Intenna Type (panel,omni RET capable Antenna Manufacture Intenna Type (panel,omni RET capable	BX01455063/12CF Amphenol quad pole panel no 60 350 60 n/a Antenna 1 BX01455063/12CF Amphenol quad pole panel no 60 2330 60 n/a 230 60 n/a 230 60 n/a 4 Antenna 1	Antenna 2 Antenna 2 Antenna 2 Antenna 2	Note	that all port-specific			ext tab in Plumbing D	iagram					
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SYMBOLS KEY



- FUSE Ş
- G GENERATOR
- S LIGHT SWITCH



FIRSTNET JEMEZ SPRINGS NML02659A 17816 HIGHWAY 4 JEMEZ SPRINGS, NM 87025

SHEET TITLE

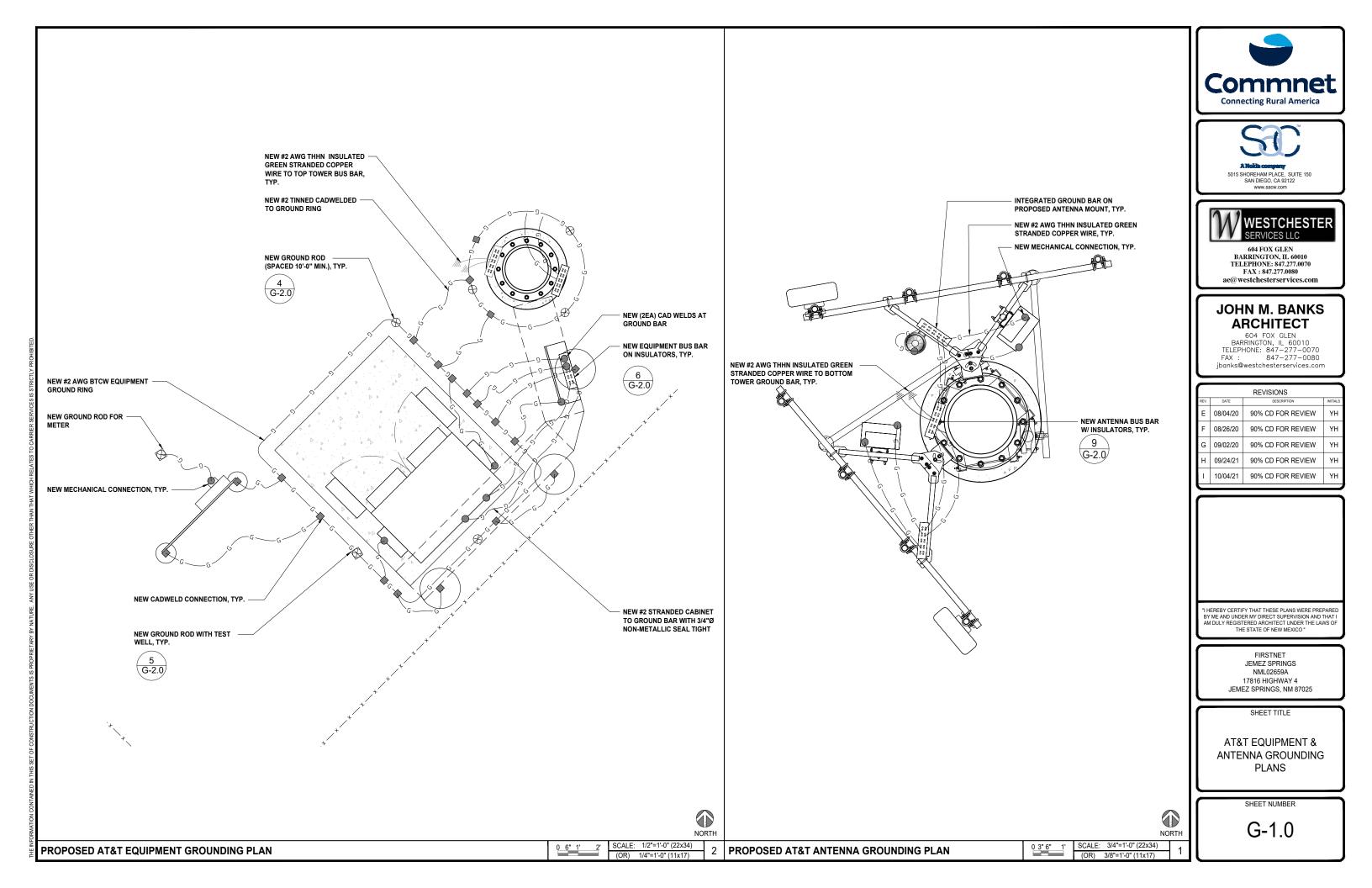
1-LINE DIAGRAM & SYMBOLS KEY AT&T

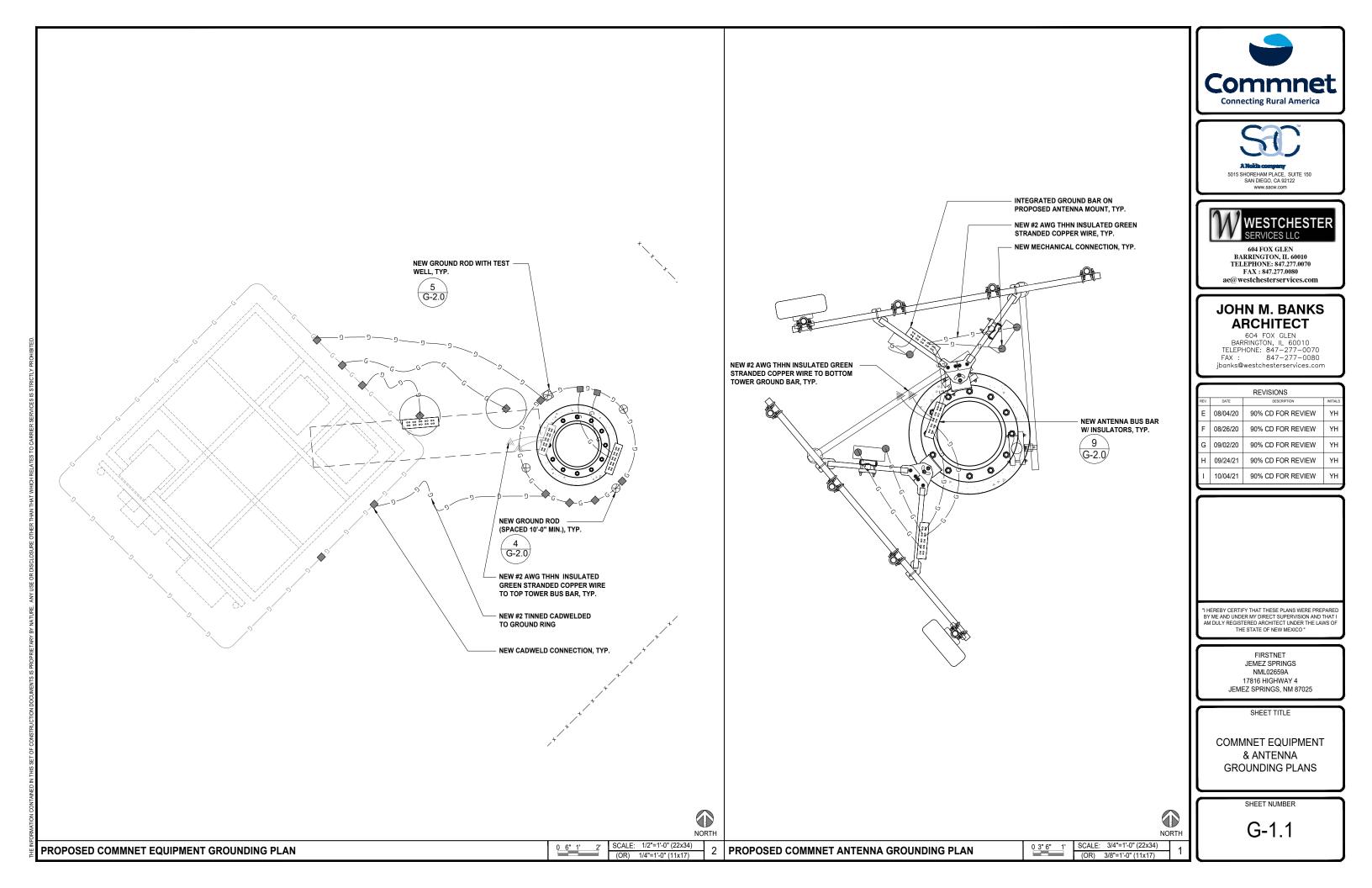
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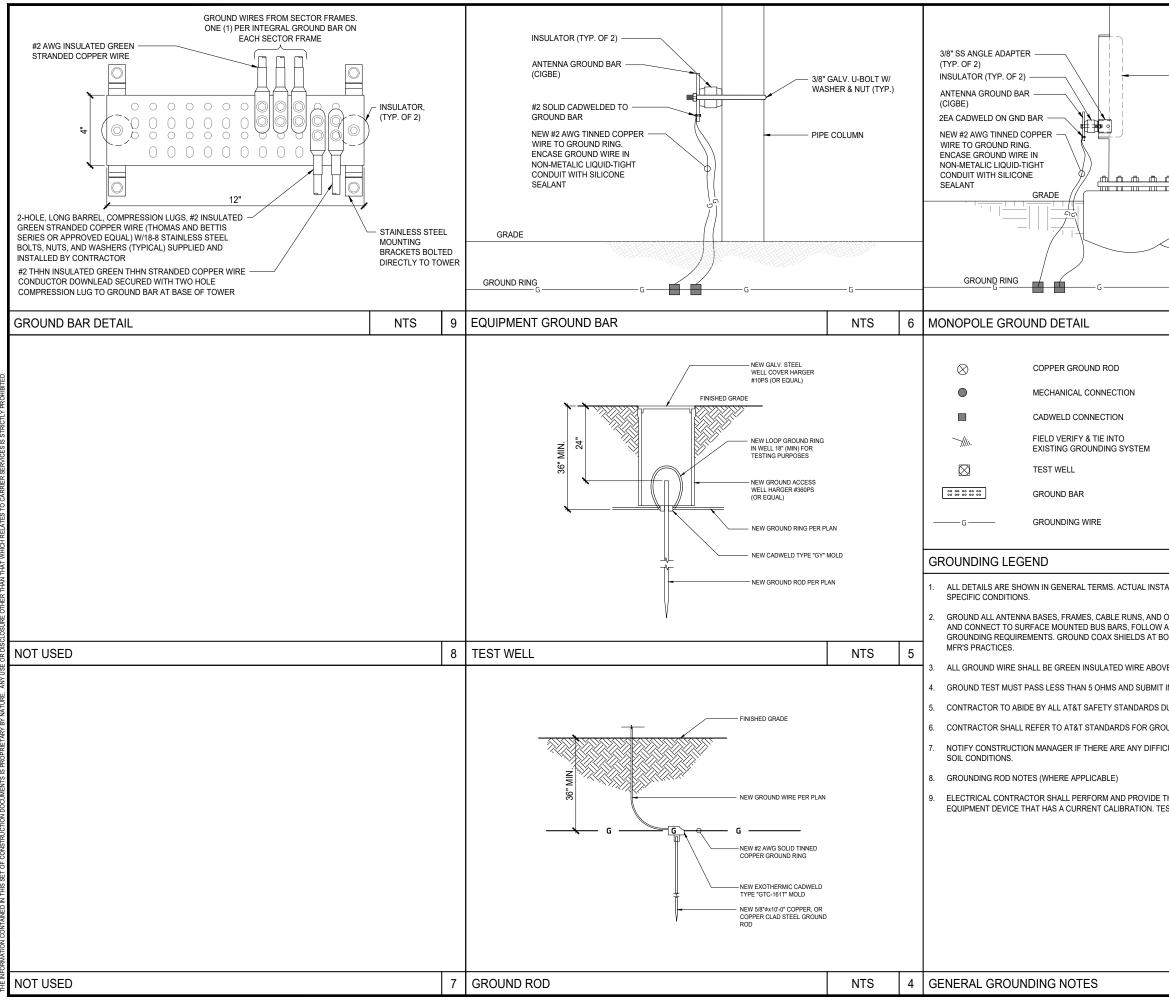
E-1.0

NEW AT&T 200 AMP NEMA 3R RATED OUTDOOR ELECTRIC

SCALE N.T.S.







MONOPOLE CABLE PORT	Commnet
	Connecting Rural America
m.m.m.	A Note company A Note company 5015 SHOREHAM PLACE, SUITE 150 SAN DIEGO, CA 92122 Www.seow.com
	WWW.Sduw.com
	WESTCHESTER SERVICES LLC 604 FOX GLEN BARRINGTON, IL 60010 TELEPHONE: 847.277.0080 FAX : 847.277.0080 ac@westchesterservices.com
NTS 3	JOHN M. BANKS ARCHITECT 604 FOX GLEN BARRINGTON, IL 60010 TELEPHONE: 847–277–0070 FAX : 847–277–0080 jbanks@westchesterservices.com
	REVISIONS
	REV. DATE DESCRIPTION INITIALS E 08/04/20 90% CD FOR REVIEW YH
	F 08/26/20 90% CD FOR REVIEW YH
	G 09/02/20 90% CD FOR REVIEW YH
	H 09/24/21 90% CD FOR REVIEW YH
	I 10/04/21 90% CD FOR REVIEW YH
SCALE 2	
ALLATION AND CONSTRUCTION MAY VARY DUE TO SITE	
ALLATION AND CONSTRUCTION MAY VARY DUE TO SITE OTHER METALLIC COMPONENTS USING GROUND WIRES ANTENNA AND BTS MANUFACTURES PRACTICES FOR OTH ENDS AND EXIT FROM TOWER OR POLE USING	
/E GROUND.	
IN CLOSEOUT PACKAGE.	"I HEREBY CERTIFY THAT THESE PLANS WERE PREPARED
DURING SITE CONSTRUCTION.	BY ME AND UNDER MY DIRECT SUPERVISION AND THAT I AM DULY REGISTERED ARCHITECT UNDER THE LAWS OF THE STATE OF NEW MEXICO "
UNDING CONNECTIONS & INSTALLATION METHODS.	
CULTIES INSTALLING GROUNDING SYSTEM DUE TO SITE	FIRSTNET JEMEZ SPRINGS NML02659A 17816 HIGHWAY 4 JEMEZ SPRINGS, NM 87025
THE GROUND RESISTANCE TESTING WITH AN APPROVED ST RESULTS SHALL NOT EXCEED 5 OHMS.	
	SHEET TITLE
	GROUNDING NOTES & DETAILS
	SHEET NUMBER
SCALE	G-2.0
N.T.S. 1	