



SAN DIEGO MARKET

NETWORK VISION MMBTS LAUNCH
RIOS CANYON RD
#P477542
SD34XC606

COUNTY OF SAN DIEGO
14343 RIOS CANYON RD
EL CAJON, CALIFORNIA, 92021
LATITUDE: 32° 50' 21.645" N (32.83934595)
LONGITUDE: -117° 52' 29.5464" W (-117.8748748)

SHEET	DESCRIPTION
T-1	TITLE SHEET
T-2	NOTES
T-3	NOTES
T-4	SITE PLAN
T-5	EXISTING & PROPOSED EQUIPMENT PLAN
T-6	CMU ELEVATION
T-7	EXISTING ANTENNA PLAN
T-8	DETAIL SHEET
T-9	DETAIL SHEET
T-10	DETAIL SHEET
T-11	DETAIL SHEET



PROJECT INFORMATION

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COUNTY OF SAN DIEGO
 14343 RIOS CANYON RD
 EL CAJON, CALIFORNIA, 92021

CALIFORNIA STATE CODE COMPLIANCE

SPRINT PROPOSES THAT ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUCTED TO PERMIT WORK NOT CONFIRMING TO THESE CODES:

- CALIFORNIA FIRE CODE, 2010 EDITION
- CALIFORNIA BUILDING CODE, 2010 EDITION
- CALIFORNIA PLUMBING CODE, 2010 EDITION
- CALIFORNIA MECHANICAL CODE, 2010 EDITION
- CALIFORNIA ELECTRICAL CODE, 2010 EDITION
- CALIFORNIA GREEN BUILDING CODE, 2010 EDITION

IN THE EVENT OF CONFLICT, THE MOST RESTRICTIVE CODE SHALL PREVAIL.

ACCESSIBILITY REQUIREMENTS

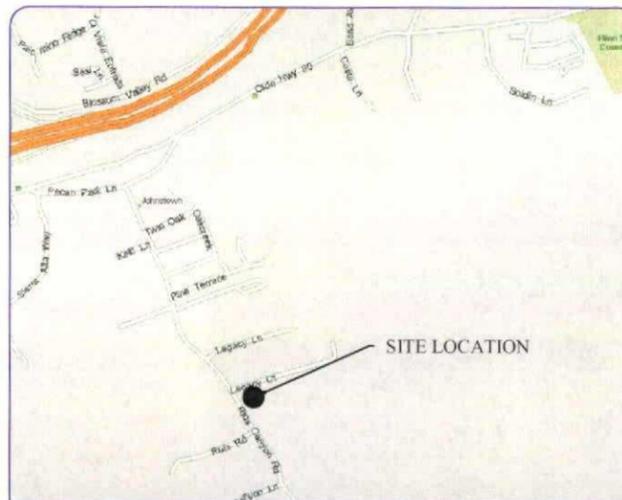
FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. HANDICAPPED ACCESS REQUIREMENTS ARE NOT REQUIRED. IN ACCORDANCE WITH THE 2010 CALIFORNIA BUILDING CODE.



1-800-227-2600
 CALL AT
 LEAST TWO
 DAYS BEFORE
 YOU DIG

UNDERGROUND SERVICE ALERT
 TICKET #

CODE BLOCK



VICINITY MAP

SPRINT PROPOSES TO MODIFY AN EXISTING UNMANNED TELECOMMUNICATIONS FACILITY

- EXISTING 4.0 COMPACT CABINET TO BE REMOVED & REPLACED WITH NEW BTS CABINET.
- EXISTING BATTERY CABINET TO BE REMOVED & REPLACED WITH NEW BBU CABINET.
- REPLACE EXISTING 50 AMP FUSE WITH NEW 100 AMP FUSE IN THE POWER CABINET.
- PLACE NEW H-FRAME.
- INSTALL NEW (1) RRI'S & (1) JUNCTION BOX ON THE H-FRAME.

PROJECT DESCRIPTION

PROJECT ENGINEER:

COASTAL COMMUNICATIONS, INC.
 3355 MISSION AVE
 SUITE 234
 OCEANSIDE, CALIFORNIA 92058
 CONTACT: TODD THREW
 PHONE: (760) 754-9240 EXT.101
 EMAIL: TODD@COASTALCOMMINC.COM

SITE ACQUISITION MANAGER:

ALCATEL-LUCENT
 9605 SCRANTON RD, SUITE 400
 SAN DIEGO, CALIFORNIA 92121
 CONTACT: TOM FANLE
 PHONE: (760) 809-1140
 EMAIL: TOM.FANLE@ALCATEL-LUCENT.COM

CONSTRUCTION MANAGER:

ALCATEL-LUCENT
 9605 SCRANTON RD, SUITE 400
 SAN DIEGO, CALIFORNIA 92121
 CONTACT: TOM FANLE
 PHONE: (760) 809-1140
 EMAIL:

TELCO COMPANY:

AT&T
 PHONE: (888) 944-0447

POWER COMPANY:

PHONE: (800) 336-7343

RF ENGINEER:

DANH MAI
 EMAIL: DANH.MAI@ALCATEL-LUCENT.COM

APPROVAL	SIGNATURE	DATE
PROJECT MANAGER		
CONSTRUCTION MANAGER		
RF ENGINEER		
SITE ACQUISITION		
PLANNING CONSULTANT		
PROPERTY OWNER		
SPRINT REPRESENTATIVE		

PROJECT TEAM

FROM THE SAN DIEGO INTERNATIONAL AIRPORT:

- DEPART FROM SAN DIEGO INT. AIRPORT
- KEEP LEFT TOWARD N HARBOR DR
- TURN LEFT ONTO N HARBOR DR
- TURN LEFT ONTO W GRAPE ST
- TAKE RAMP RIGHT AND FOLLOW SIGNS FOR I-5 SOUTH
- TAKE RAMP RIGHT AND FOLLOW SIGNS FOR CA-94
- KEEP LEFT TOWARD CA-125 N
- KEEP STRAIGHT ONTO CA-125 N
- TAKE RAMP RIGHT AND FOLLOW SIGNS FOR I-8 EAST
- TAKE RAMP RIGHT
- KEEP STRAIGHT ONTO OLDE HWY 80
- BEAR RIGHT ONTO PECAN PARK LN
- TURN RIGHT ONTO RIOS CANYON RD
- ARRIVE AT 14343 RIOS CANYON RD, EL CAJON, CA 92021

DRIVING DIRECTIONS

APPLICANT:

COASTAL COMMUNICATIONS INC. ON BEHALF OF
 ALCATEL-LUCENT FOR SPRINT PCS
 9605 SCRANTON RD, SUITE 400
 SAN DIEGO, CALIFORNIA 92121

PROPERTY OWNER:

COUNTY OF SAN DIEGO
 14343 RIOS CANYON RD
 EL CAJON, CALIFORNIA 92021

PROPERTY INFORMATION:

14343 RIOS CANYON RD
 EL CAJON, CALIFORNIA 92021

ZONING CLASSIFICATION:
 CALIFORNIA BUILDING CODE:
 EXISTING CONSTRUCTION TYPE:
 PROPOSED CONSTRUCTION TYPE:
 EXISTING OCCUPANCY:
 PROPOSED OCCUPANCY:
 JURISDICTION:
 EXISTING USE: TELECOMMUNICATIONS FACILITY
 PROPOSED USE: TELECOMMUNICATIONS FACILITY

PARCEL NUMBER:

3985102300

AREA OF PARCEL:

NO INCREASE IN EXISTING LEASE AREA

PROJECT SUMMARY

SDC PDS RCVD 12-03-12
ZAP01-089W1

PROJECT TEAM

THE DRAWINGS SHOWN IN THIS SET REPRESENTS THE CORRECT SCALE ONLY WHEN THESE DRAWINGS ARE PRINTED IN A 11" X 17" FORMAT. IF THIS DRAWING SET IS NOT 11" X 17", THIS SET IS NOT TO SCALE.

DRAWING SCALE

ISSUED DATE:

11/21/2012

ISSUED FOR:

100% REVIEW

A	11/15/12	90% CD REVIEW	SEGI
B	11/21/12	100% CD REVIEW	GA

NOT FOR CONSTRUCTION UNLESS LABELED AS CONSTRUCTION SET

LICENSURE:



SHEET TITLE:

TITLE SHEET

SHEET NUMBER:

T-1

REVISION:

A

(CONTINUE)

- 60. IT IS THE INTENTION OF THESE DRAWINGS TO SHOW THE COMPLETE INSTALLATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TEMPORARY BRACING, SHORING, TIES, FORM WORK, ETC. IN ACCORDANCE WITH ALL NATIONAL, STATE AND LOCAL ORDINANCES TO SAFELY EXECUTE ALL WORK AND SHALL BE RESPONSIBLE FOR SAME. ALL WORK SHALL BE IN ACCORDANCE WITH LOCAL CODES.
- 61. THE CONTRACTOR SHALL USE ADEQUATE NUMBER OF SKILLED WORKMEN WHO ARE THOROUGHLY TRAINED AND EXPERIENCED IN THE NECESSARY CRAFTS AND WHO ARE COMPLETELY FAMILIAR WITH THE SPECIFIED REQUIREMENTS AND METHODS NEEDED FOR PROPER PERFORMANCE OF THE WORK.
- 62. CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT. INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTY. THAT REQUIREMENT SHALL BE MADE TO APPLY CONSTRUCTION CONTRACTOR FURTHER AGREES TO INDEMNIFY AND HOLD DESIGN ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH PERFORMANCE OF WORK ON THIS PROJECT.
- 63. SITE GROUNDING SHALL COMPLY WITH GROUNDING STANDARDS, LATEST EDITION AND COMPLY WITH GROUNDING CHECKLIST, LATEST VERSION. WHEN NATIONAL AND LOCAL GROUNDING CODES ARE MORE STRINGENT, THEY SHALL GOVERN.
- 64. ALL WORK SHALL COMPLY WITH OSHA AND STATE SAFETY REQUIREMENTS. PROCEDURES FOR THE PROTECTION OF EXCAVATIONS, EXISTING CONSTRUCTION AND UTILITIES SHALL BE ESTABLISHED PRIOR TO FOUNDATION INSTALLATION. IF TEMPORARY LIGHTING AND MARKING ARE REQUIRED BY THE FEDERAL AVIATION ADMINISTRATION (FAA), IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN THE NECESSARY LIGHTS AND NOTIFY THE PROPER AUTHORITIES IN THE EVENT OF A PROBLEM.
- 65. ALL WORK SHALL BE ACCOMPLISHED IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL CODES OR ORDINANCES. THE MOST STRINGENT CODE WILL APPLY IN THE CASE OF DISCREPANCIES OR DIFFERENCES IN THE CODE REQUIREMENTS.
- 66. ANY DAMAGE TO ADJACENT PROPERTIES WILL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.
- 67. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AMPLE NOTICE TO THE BUILDING INSPECTION DEPARTMENT TO SCHEDULE THE REQUIRED INSPECTIONS. A MINIMUM OF 24 HOURS OF NOTICE SHOULD BE GIVEN AND THE BUILDING INSPECTION DEPARTMENTS HAVE REQUESTED THAT GROUPS OF TWO OR THREE SITES BE SCHEDULED AT ON TIME IF POSSIBLE.
- 68. THE COMPLETE BID PACKAGE INCLUDES THESE CONSTRUCTION DRAWINGS ALONG WITH THE SPECIFICATIONS. CONTRACTOR IS RESPONSIBLE FOR REVIEW OF THE TOTAL BID PACKAGE PRIOR TO BID SUBMITTAL.
- 69. THE CONTRACTOR SHALL VERIFY LOCATIONS OF ALL EXISTING UTILITIES WITHIN THE CONSTRUCTION LIMITS PRIOR TO CONSTRUCTION.
- 70. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING POSITIVE DRAINAGE ON THE SITE AT ALL TIMES. SILT AND EROSION CONTROL SHALL BE MAINTAINED ON THE DOWNSTREAM SIDE OF THE SITE AT ALL TIMES. ANY DAMAGE TO ADJACENT PROPERTIES WILL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.
- 71. CLEARING OF TREES AND VEGETATION ON THE SITE SHOULD BE KEPT TO A MINIMUM. ONLY THE TREES NECESSARY FOR CONSTRUCTION OF THE FACILITIES SHALL BE REMOVED. ANY DAMAGE TO TREES AND VEGETATION OUTSIDE THE LEASED PROPERTY SHALL BE REPAIRED BY THE CONTRACTOR.
- 72. ALL SUITABLE BORROW MATERIAL FOR BACKFILL OF THE SITE SHALL BE INCLUDED IN THE BID. EXCESS TOP SOIL AND UNSUITABLE MATERIAL SHALL BE DISPOSED OF OFF SITE AT LOCATIONS APPROVED BY GOVERNING AGENCIES PRIOR TO DISPOSAL.
- 73. SEEDING AND MULCHING OF THE SITE WILL BE ACCOMPLISHED AS SOON AS POSSIBLE AFTER COMPLETION OF THE SITE DEVELOPMENT. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND MAINTAINING AN ADEQUATE COVER OF VEGETATION OVER THE SITE FOR A ONE YEAR PERIOD.
- 74. RECORD DRAWINGS: MAINTAIN A RECORD OF ALL CHANGES, SUBSTITUTIONS, ETC., BETWEEN THE WORK AS SPECIFIED AND INSTALLED. RECORD CHANGES ON A CLEAN SET OF CONTRACT DRAWINGS WHICH SHALL BE TURNED OVER TO THE CONSTRUCTION MANAGER UPON COMPLETION OF THE PROJECT.

EROSION AND SEDIMENT CONTROL NOTES:

TEMPORARY EROSION/SEDIMENT CONTROL, PRIOR TO COMPLETION OF FINAL IMPROVEMENTS, SHALL BE PERFORMED BY THE CONTRACTOR OR QUALIFIED PERSON AS INDICATED BELOW:

- 1. ALL REQUIREMENTS OF THE CITY OF SAN DIEGO "LAND DEVELOPMENT MANUAL, STORM WATER STANDARDS" MUST BE INCORPORATED INTO THE DESIGN AND CONSTRUCTION OF THE PROPOSED PUBLIC IMPROVEMENTS CONSISTENT WITH THE EROSION CONTROL PLAN AND/OR WATER POLLUTION CONTROL PLAN (WPCP), IF APPLICABLE.
- 2. FOR STORM DRAIN INLETS, PROVIDE A GRAVEL BAG SILT BASIN IMMEDIATELY UPSTREAM OF INLET AS INDICATED ON DETAILS.
- 3. THE CONTRACTOR OR QUALIFIED PERSON SHALL BE RESPONSIBLE FOR CLEANUP OF SILT AND MUD ON ADJACENT STREETS(S) AND STORM DRAIN SYSTEM DUE TO CONSTRUCTION ACTIVITY.
- 4. THE CONTRACTOR SHALL REMOVE SILT AND DEBRIS AFTER EACH MAJOR RAINFALL.
- 5. EQUIPMENT AND WORKERS FOR EMERGENCY WORK SHALL BE MADE AVAILABLE AT ALL TIMES DURING THE RAINY SEASON.
- 6. THE CONTRACTOR SHALL RESTORE ALL EROSION/SEDIMENT CONTROL DEVICES TO WORKING ORDER TO THE SATISFACTION OF THE CITY ENGINEER OR RESIDENT ENGINEER AFTER EACH RUN-OFF PRODUCING RAINFALL.
- 7. THE CONTRACTOR SHALL INSTALL ADDITIONAL EROSION/SEDIMENT CONTROL MEASURES AS MAY BE REQUIRED BY THE RESIDENT ENGINEER DUE TO UNFORESEEN CIRCUMSTANCES, WHICH MAY ARISE.
- 8. ALL EROSION/SEDIMENT CONTROL MEASURES PROVIDED PER THE APPROVED IMPROVEMENT PLAN SHALL BE INCORPORATED HEREON. ALL EROSION/SEDIMENT CONTROL FOR INTERIM CONDITIONS SHALL BE DONE TO THE SATISFACTION OF THE RESIDENT ENGINEER.
- 9. ALL REMOVABLE PROTECTIVE DEVICES SHOWN SHALL BE IN PLACE AT THE END OF EACH WORKING DAY WHEN RAIN IS IMMINENT.
- 10. THE CONTRACTOR SHALL ARRANGE FOR WEEKLY MEETINGS DURING OCTOBER 1ST TO APRIL 30TH FOR PROJECT TEAM (GENERAL CONTRACTOR, QUALIFIED PERSON, EROSION CONTROL SUBCONTRACTOR IF ANY, ENGINEER OF WORK, OWNER/DEVELOPER AND THE RESIDENT ENGINEER) TO EVALUATE THE ADEQUACY OF THE EROSION/SEDIMENT CONTROL MEASURES AND OTHER RELATED CONSTRUCTION ACTIVITIES.

NOTES:

- 1. CONTRACTOR TO POTHOLE ALL UTILITY CROSSINGS.
- 2. CONTRACTOR TO PLACE SANDBAGS AROUND ANY/ALL STORM DRAIN INLETS TO PREVENT CONTAMINATED WATER.
- 3. SPOILS PILE WILL BE COVERED AND CONTAINED AND STREET WILL BE SWEEPED AND CLEANED AS NEEDED.
- 4. CONTRACTOR TO REPAIR DAMAGED PUBLIC IMPROVEMENTS TO THE SATISFACTION OF THE CITY ENGINEER.
- 5. CURB & GUTTER TO BE PROTECTED IN PLACE. SIDEWALK TO BE REPLACED TO THE SATISFACTION OF THE CITY ENGINEER.
- 6. THE CONTRACTOR SHALL RESTORE THE ROADWAY BACK TO ITS ORIGINAL CONDITION SATISFACTORY TO THE CITY ENGINEER INCLUDING, BUT NOT LIMITED TO PAVING, STRIPING, BIKE LANES, PAVEMENT LEGENDS, SIGNS, AND TRAFFIC LOOP DETECTORS.
- 7. SIDEWALK SHALL BE RESTORED/REPLACED PER CITY OF SAN DIEGO STANDARD DRAWINGS G7, G9, G10, G11 & SDG100.
- 8. PEDESTRIAN RAMP WILL NOT BE DISTURBED.



CCI
TELECOMMUNICATIONS CONSULTANTS

COASTAL COMMUNICATIONS
3355 Mission Ave Ste. 234
Oceanside, Ca 92058
(760) 754-9240

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100% REVIEW

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LICENSURE:

SHEET TITLE:
NOTES

SHEET NUMBER: T-3	REVISION: A
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(760) 754-9240

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LICENSURE

Blank area for licensure information.

SHEET TITLE

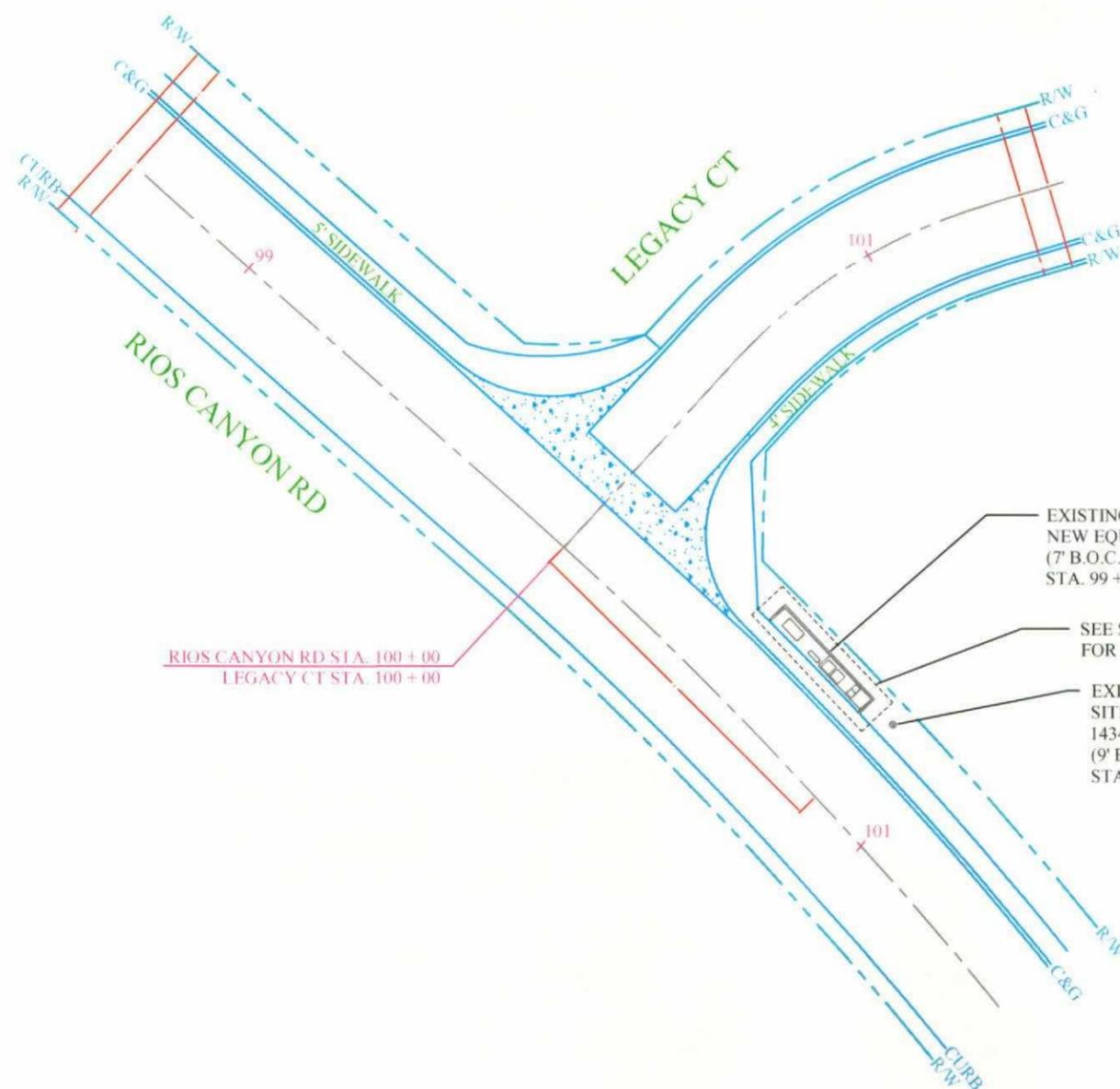
SITE PLAN

SHEET NUMBER

T-4

REVISION

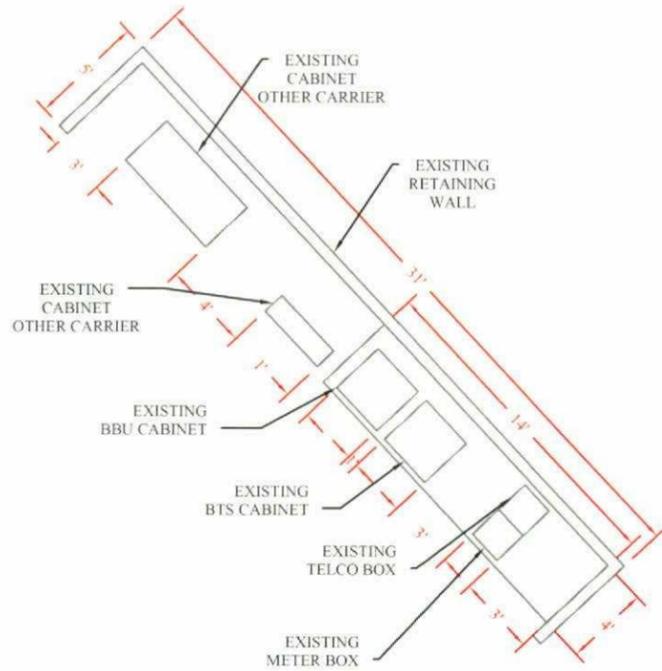
A



NORTH

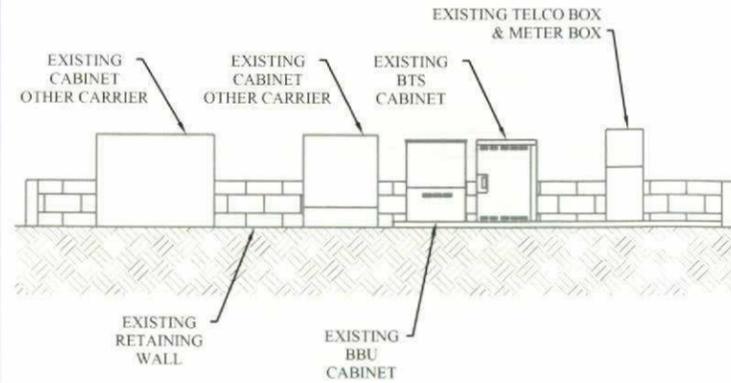


SCALE: 1" = 40'



A EXISTING EQUIPMENT

AERIAL VIEW



B EXISTING EQUIPMENT

ELEVATIONS

MAKE READY

EQUIPMENT PLACEMENT

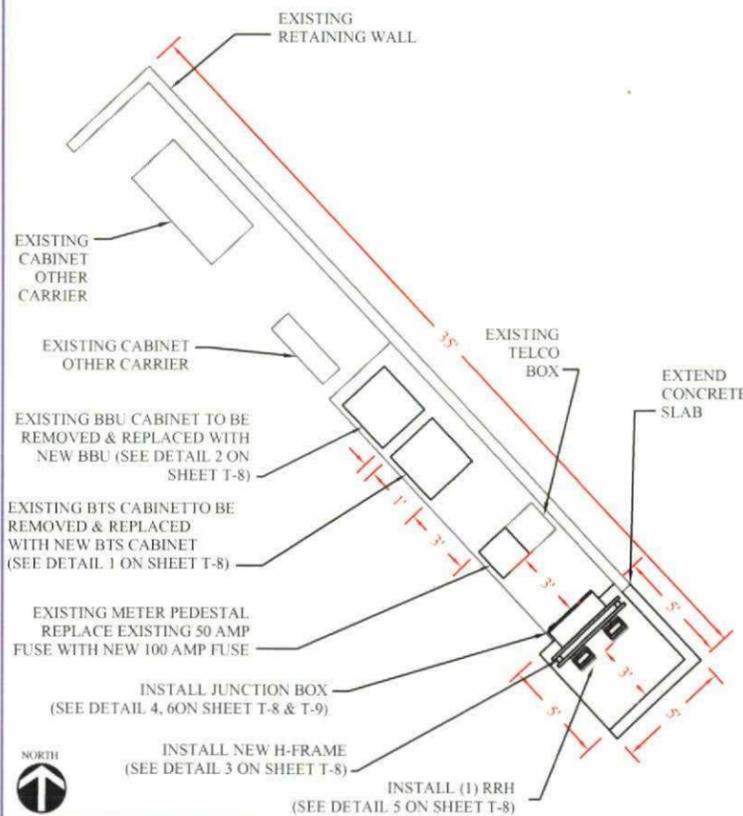
NEW CONSTRUCTION

EXISTING 4.0 COMPACT CABINET TO BE REMOVED & REPLACED WITH NEW BTS CABINET.
 EXISTING BATTERY CABINET TO BE REMOVED & REPLACED WITH NEW BBU CABINET.
 REPLACE EXISTING 50 AMP FUSE WITH NEW 100 AMP FUSE IN THE POWER CABINET.
 PLACE NEW H-FRAME.
 INSTALL NEW (1) RRH'S & (1) JUNCTION BOX ON THE H-FRAME.



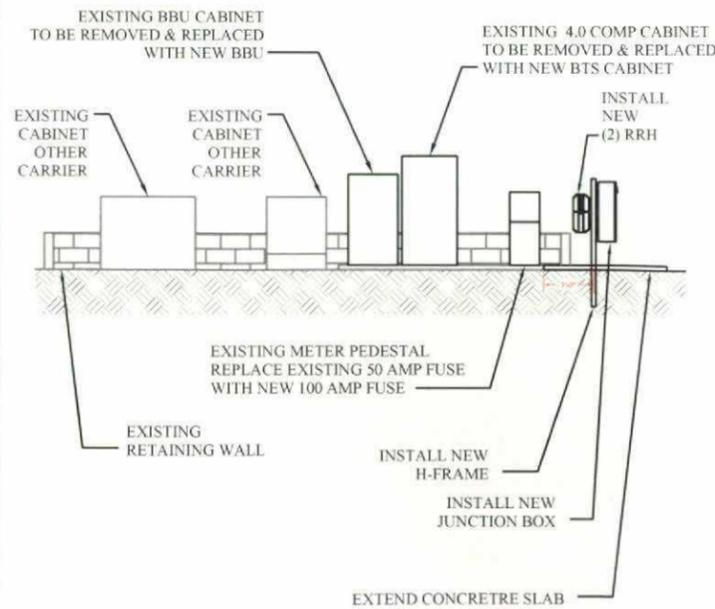
E EQUIPMENT PHOTO

12 O'CLOCK VIEW



C PROPOSED EQUIPMENT

AERIAL VIEW



D PROPOSED EQUIPMENT

ELEVATIONS



F EQUIPMENT PHOTO

12 O'CLOCK VIEW



COASTAL COMMUNICATIONS
 3355 Mission Ave Ste 234
 Oceanside, Ca 92058
 (760) 754-9240

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LICENSE

SHEET TITLE

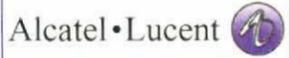
EXISTING & PROPOSED EQUIPMENT PLAN

SHEET NUMBER

T-5

REVISION

A



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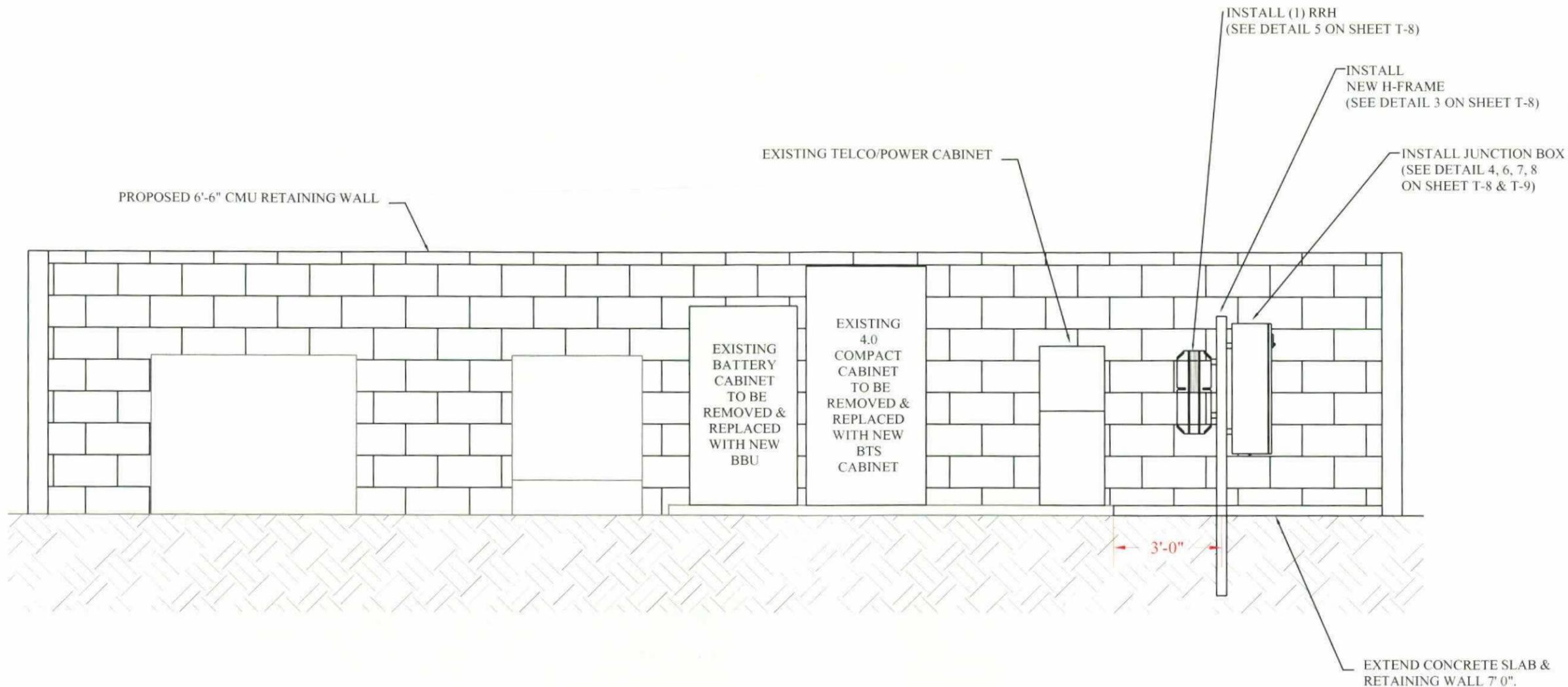
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LICENSURE

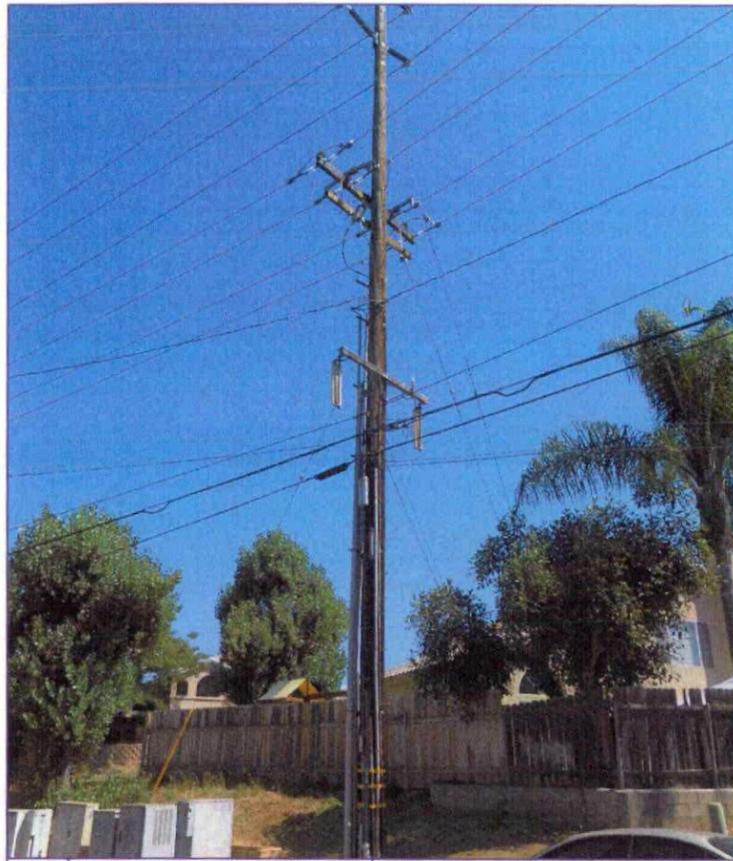
SHEET TITLE:

**PROPOSED
 CMU ELEVATION**

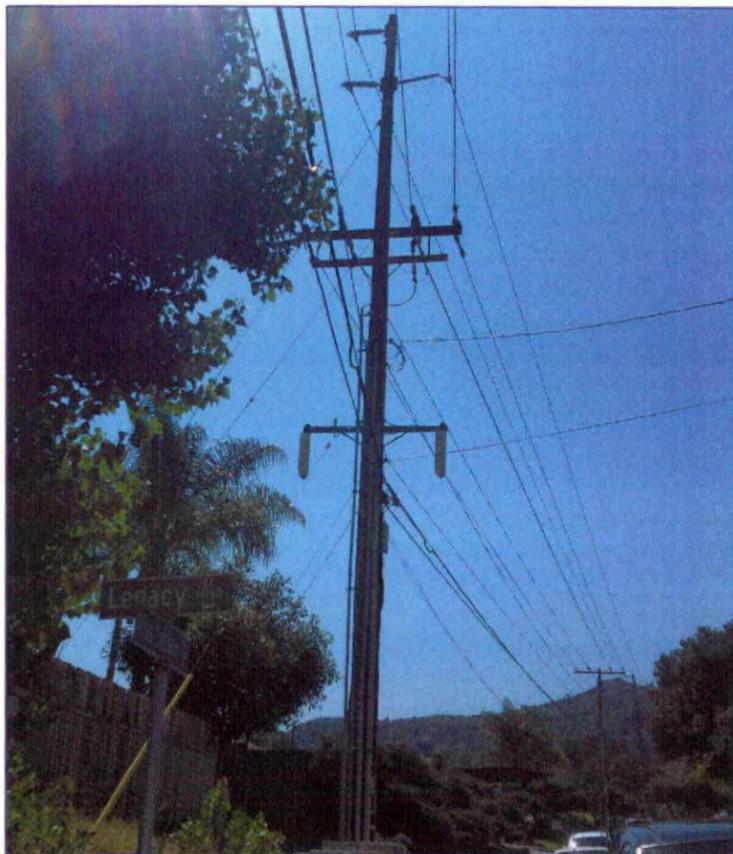
SHEET NUMBER	REVISION
T-6	A



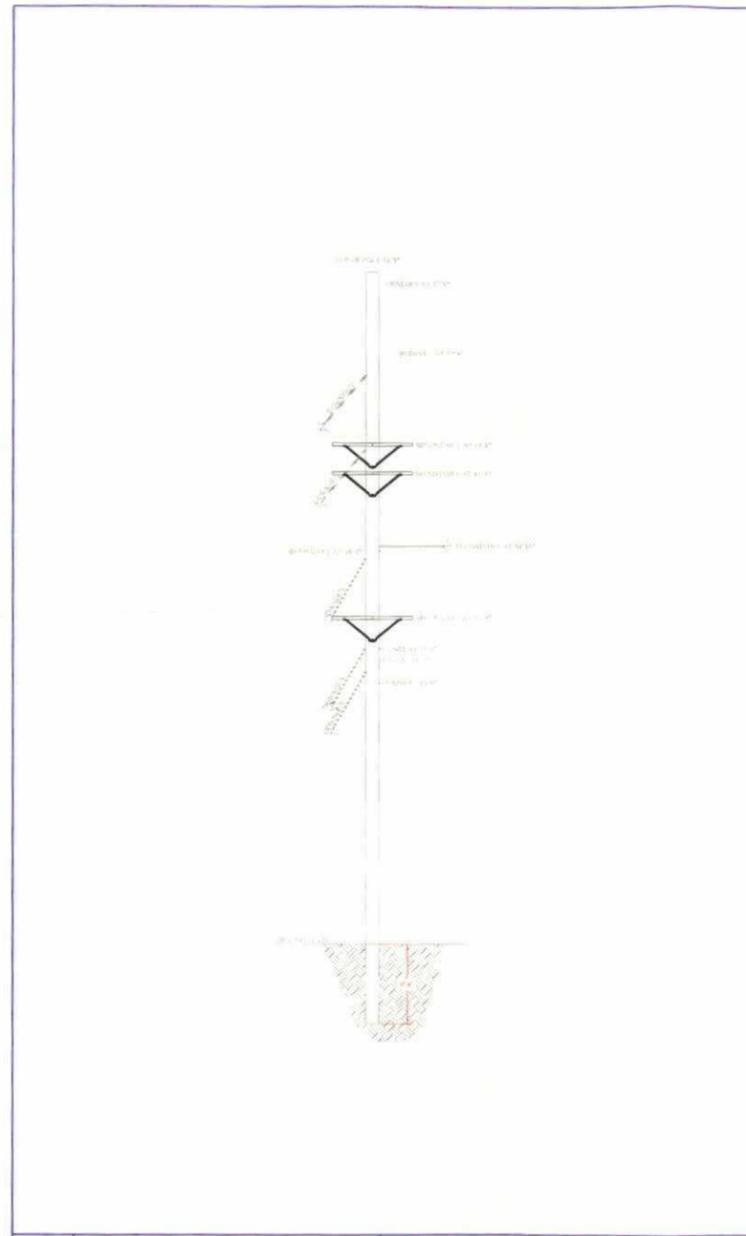
NOTE: NEW PROPOSED CABINETS TO BE PAINTED
 TO MATCH SURROUNDINGS.



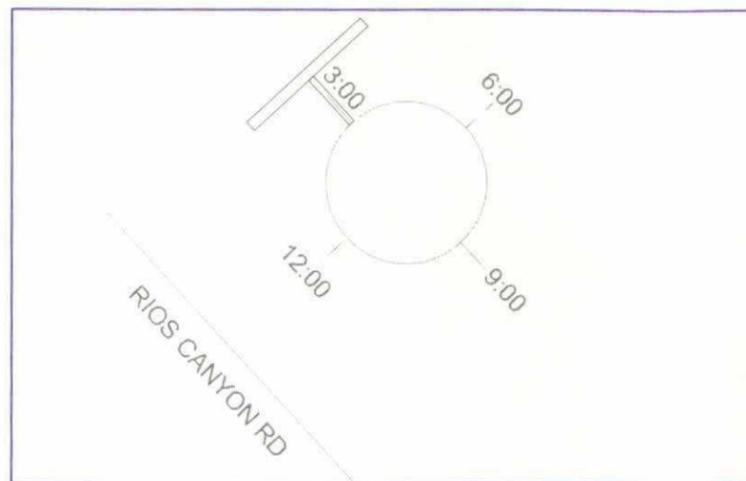
A DIGITAL PHOTO 1 O'CLOCK VIEW



B DIGITAL PHOTO 9 O'CLOCK VIEW

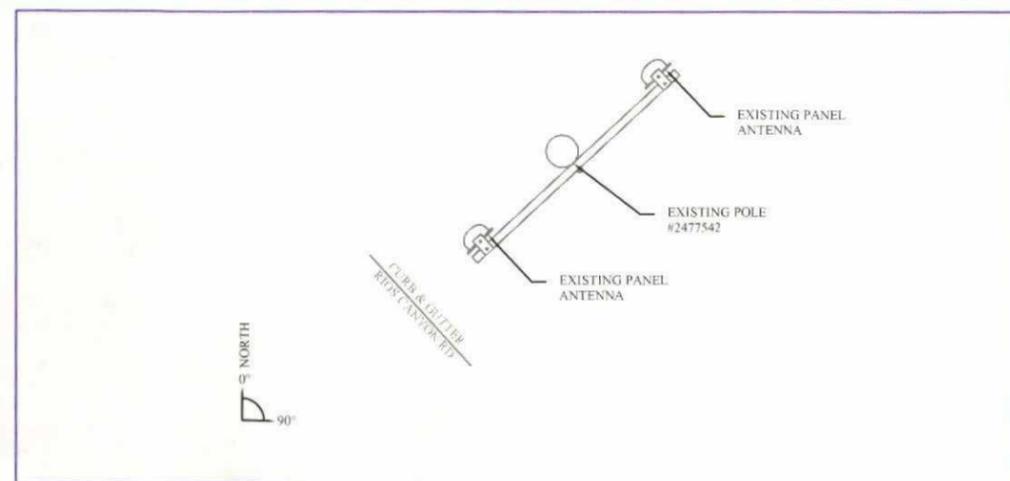
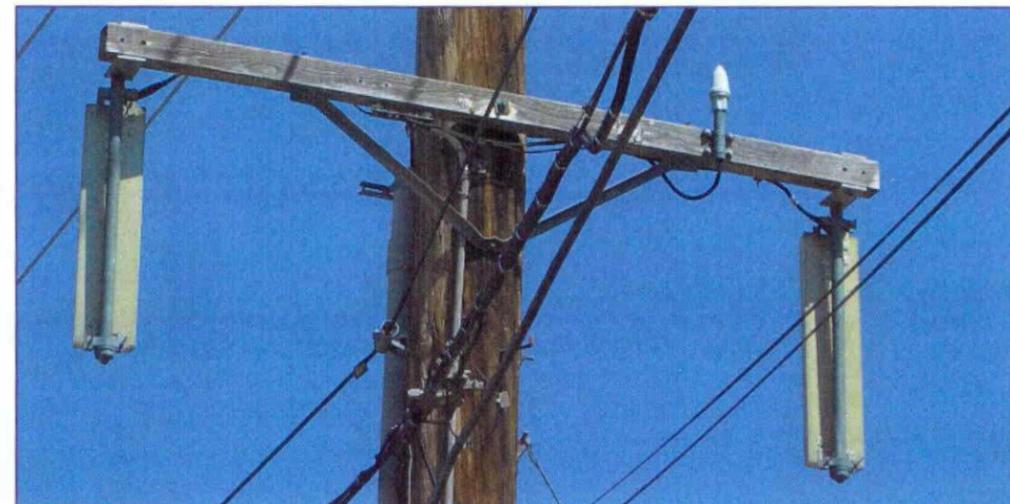


C POLE #2477542 9 O'CLOCK VIEW

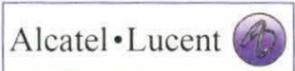


D RISER DETAIL

MAKE READY
UTILITY POLE
NEW CONSTRUCTION
NONE
NOTES:
TOP OF POLE: 58'-8" ANTENNA TYPE: PANEL ANTENNA



E ANTENNA ORIENTATION



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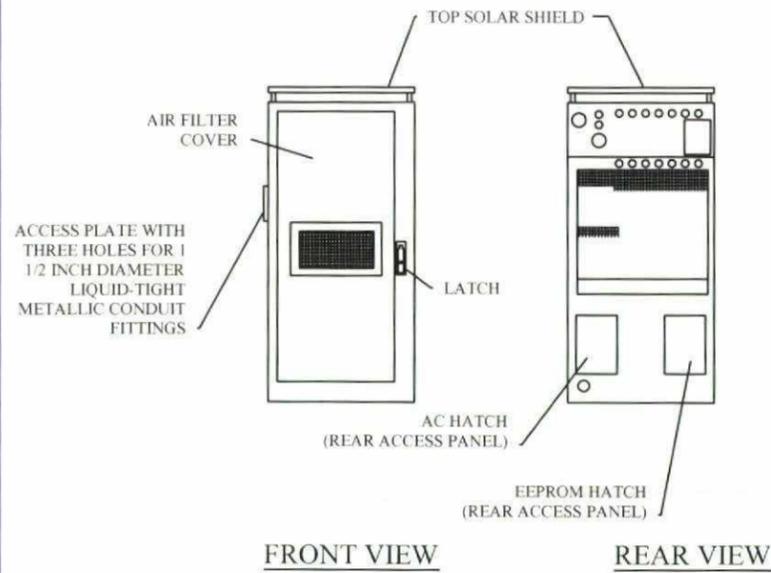
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LICENSURE:

SHEET TITLE:
EXISTING & PROPOSED ANTENNA PLAN

SHEET NUMBER:	REVISION:
T-7	A

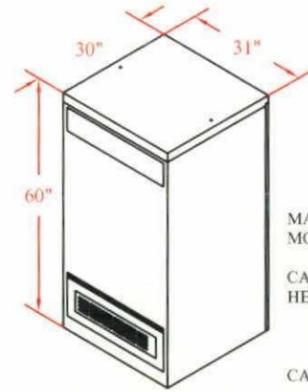
9928 DISTRIBUTED BTS



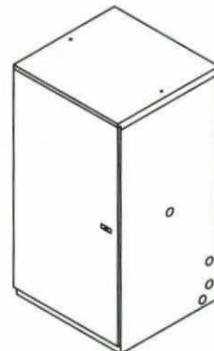
REFERENCE DIMENSIONS (WIDTH X DEPTH X HEIGHT)
900 mm X 960 mm X 1925 mm
(35.4 INCHES X 37.8 INCHES X 75.8 INCHES)

1

BATTERY BACKUP CABINET



REAR



FRONT

MANUFACTURER: ANDREW (COMSCOPE)
MODEL 60ECv2

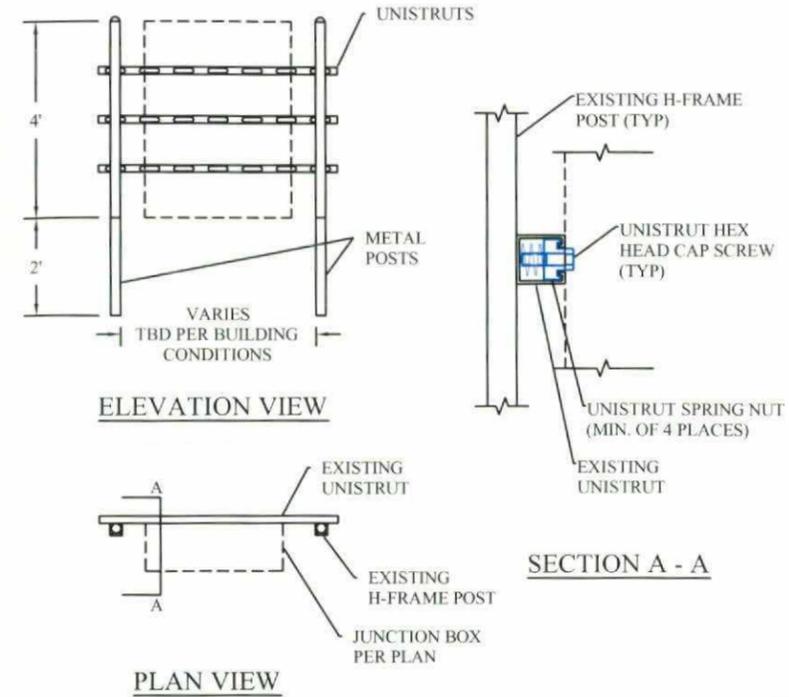
CABINET DIMENSIONS:
HEIGHT: 60 IN. (152.4 CM)
WIDTH: 31 IN. (78.7 CM)
DEPTH: 30 IN. (76.2 CM)

CABINET OPERATING TEMPERATURE RANGE:
-40°C TO 46°C

WEIGHT:
CABINET: 425#
BATTERIES: 100# EACH
(20 BATTERIES MAX - 2,000 POUNDS MAX WEIGHT)
CABINET MAX WEIGHT: 2,245#

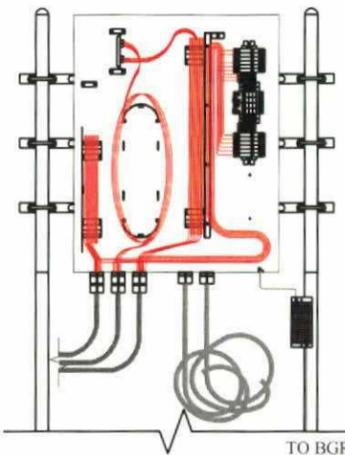
2

H-FRAME TO JUNCTION BOX



3

DISTRIBUTION BOX INSTALL COMPLETE VIEW



NOTES:
DISTRIBUTION BOX IS KITTED WITH 50' OF 1 1/2" LIQUID-TIGHT CONDUIT AND CONNECTORS. THIS SHOULD BE:
-SPLIT IN HALF (25' PER),
-TERMINATED TO THE DISTRIBUTION BOX AS SHOWN
-RAN TO AND COILED AS CLOSE TO WHERE THE CABINET IS GOING TO BE MOUNTED AS POSSIBLE.

DISTRIBUTION BOX IS KITTED WITH 2AWG. POWER CABLE 35' X 2 EA. RUNS RED AND 2 EA. RUNS BLACK. THIS SHOULD BE COILED AND LEFT INSIDE DISTRIBUTION BOX.

BTS INSTALLATION TEAM WILL TERMINATE LIQUID-TIGHT, RUN THE FIBER JUMPERS AND POWER CABLES FROM BTS CABINET TO DISTRIBUTION BOX.

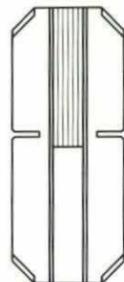
4

ISOMETRIC VIEW

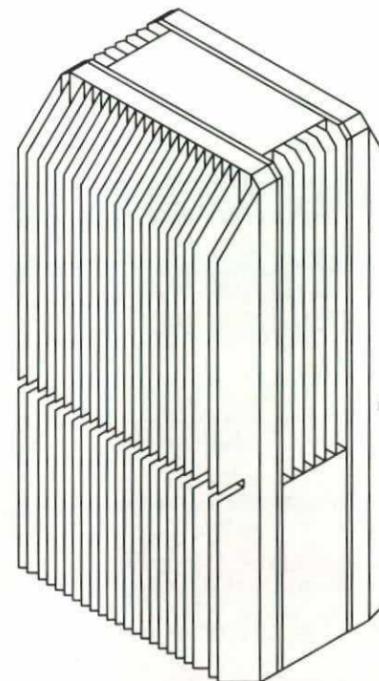
TOP VIEW



SIDE VIEW



FRONT VIEW



Product Description:

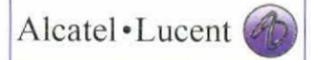
This Remote Radio Head (RRH) supports the 1900MHz spectrum with a Quad Transmit and Quad Receiver configuration supporting 4x45W of output power in a dual head configuration

Features / Benefits:

- Supports up to 6 carriers of CDMA in the 1900MHz -spectrum and is hardware ready for 4x4 LTE MIMO (dual technology)
- Supports up to 8 carriers of CDMA (single technology)
- Supports AISG
- 48V DC may be powered from Alcatel-Lucent cabinet
- Supports Hybriflex fiber / power cable bundle

Physical Dimensions (HxWxD):	25" x 11.1" x 11.4"
Weight:	60 pounds
Output Power:	4x45W (180W Total)
Frequency Range:	1930-1995MHz Tx / 1850 - 1915 Rx
Consumed Power (Typ):	680W
Instantaneous Bandwidth:	65 MHz
Rx Noise Figure:	3.0dB
Antenna Interface:	7/16 DIN Female
Operating Temperature Range:	-40C to +55C
Supports AISG 2.0	

5



PROJECT INFORMATION
NETWORK VISION MMBTS LAUNCH
RIOS CANYON RD
#P477542
SD34XC606
COUNTY OF SAN DIEGO
14343 RIOS CANYON RD
EL CAJON, CALIFORNIA, 92021

ISSUED DATE:
11/21/2012

ISSUED FOR:
100% REVIEW

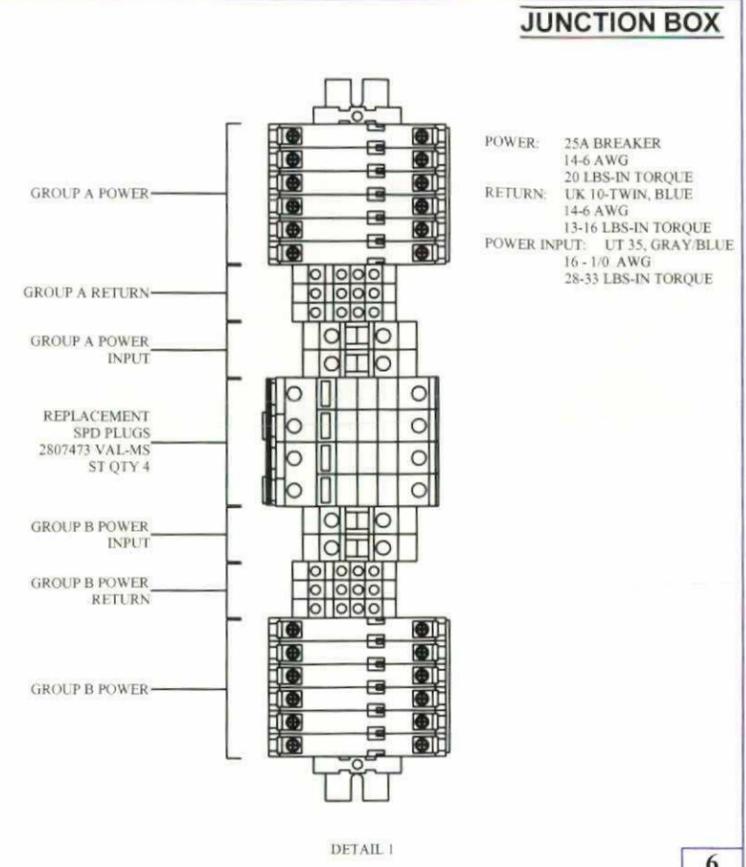
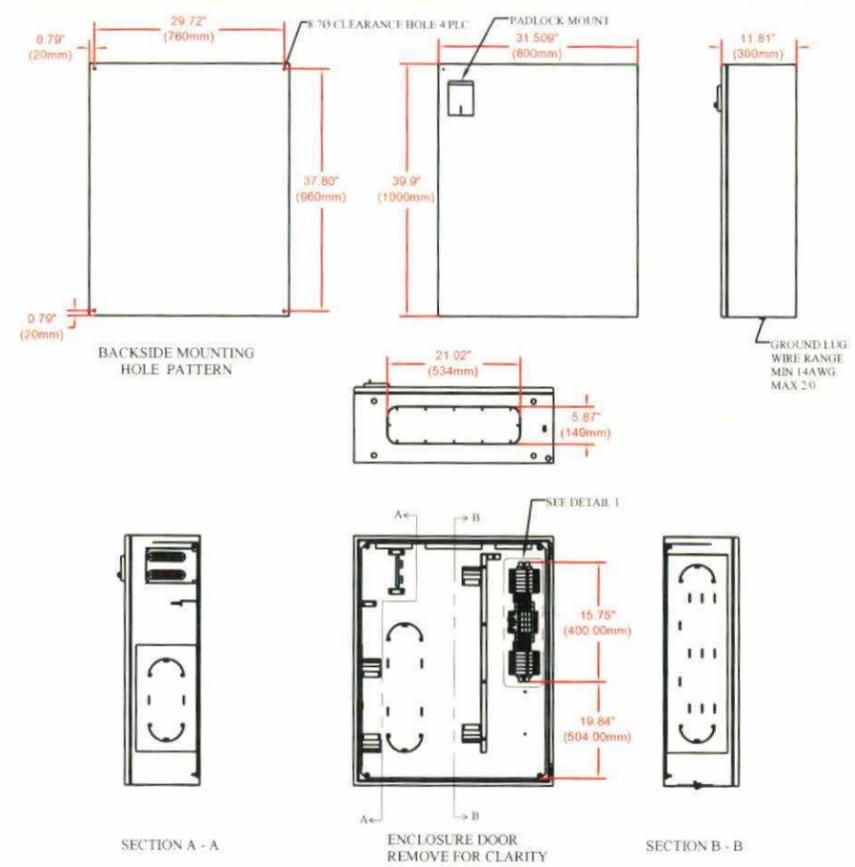
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B	11/21/12	100% CD REVIEW	GA

NOT FOR CONSTRUCTION UNLESS LABELED AS CONSTRUCTION SET

LICENSURE:

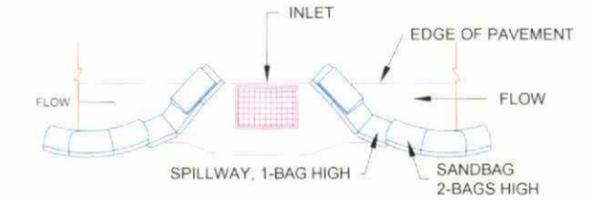
SHEET TITLE:
DETAIL SHEET

SHEET NUMBER:	REVISION:
T-8	A

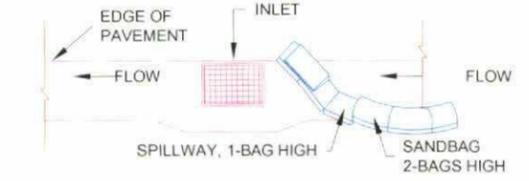


6

STORMDRAIN INLET PROTECTION



TYPICAL PROTECTION FOR INLET WITH OPPOSING FLOW DIRECTIONS



TYPICAL PROTECTION FOR INLET WITH SINGLE FLOW DIRECTION

NOTES:

1. INTENDED FOR SHORT - TERM USE.
2. USE TO INHIBIT NON - STORM WATER FLOW.
3. ALLOW FOR PROPER MAINTENANCE AND CLEANUP.
4. BAGS MUST BE REMOVED AFTER ADJACENT OPERATION IS COMPLETED.
5. NOT APPLICABLE IN AREAS WITH HIGH SILTS AND CLAYS WITHOUT FILTER FABRIC.

7



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LICENSURE

SHEET TITLE:
DETAIL SHEET

SHEET NUMBER:	REVISION:
T-9	A



COASTAL COMMUNICATIONS
3355 Mission Ave Ste 234
Oceanside, Ca 92058
(760) 754-9240

PROJECT INFORMATION

NETWORK VISION MMBTS LAUNCH

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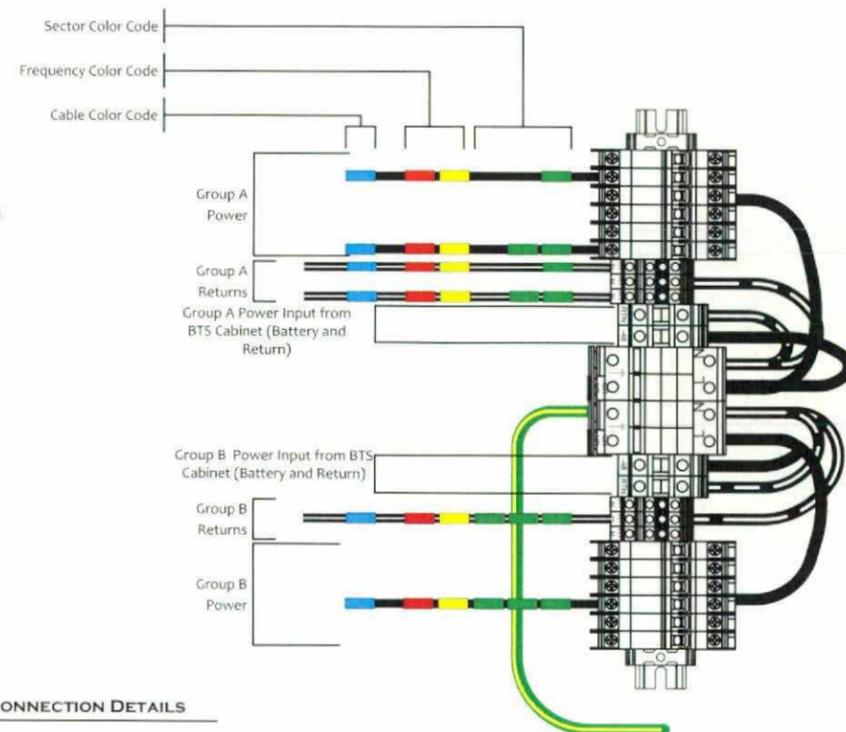
DETAIL SHEET

SHEET NUMBER REVISION:

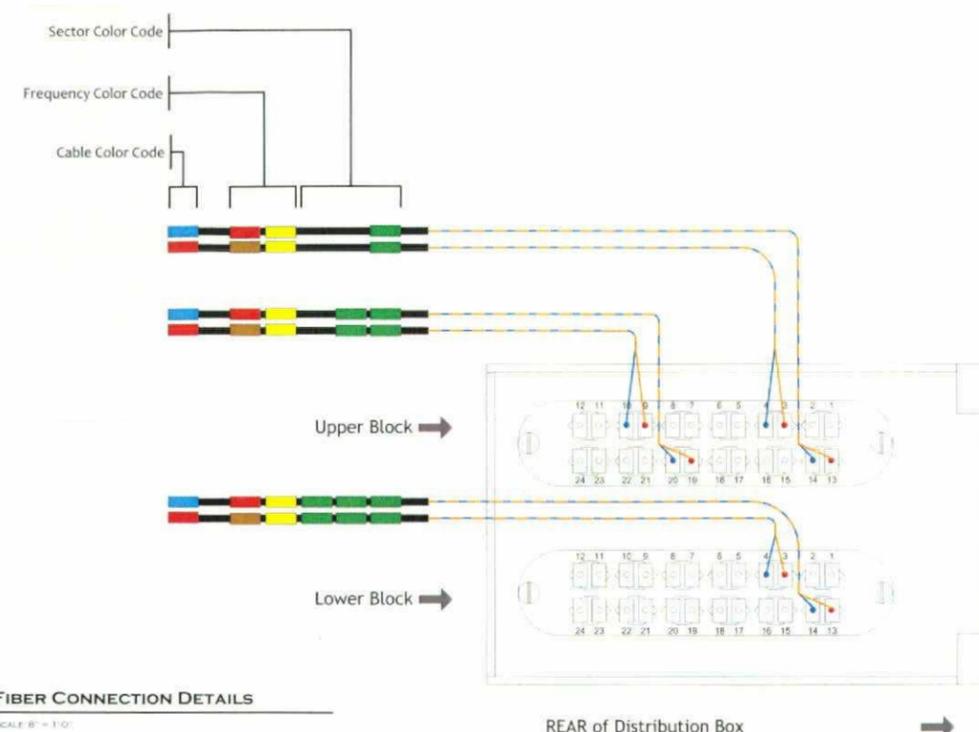
T-11

A

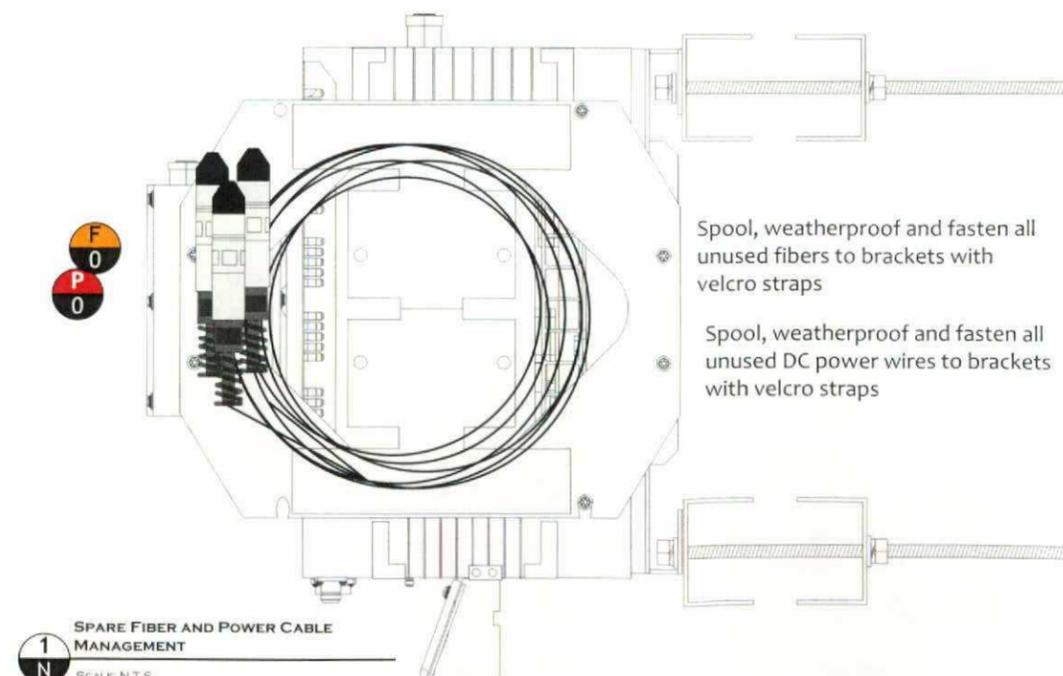
DC Power Wire Sizes
0-50' = #10AWG
50'+ = #8AWG



1 DC POWER CONNECTION DETAILS
EC3 SCALE: 8" = 1'-0"



2 FIBER CONNECTION DETAILS
EC3 SCALE: 8" = 1'-0"



1 SPARE FIBER AND POWER CABLE
MANAGEMENT
SCALE: N.T.S.

Spool, weatherproof and fasten all
unused fibers to brackets with
velcro straps

Spool, weatherproof and fasten all
unused DC power wires to brackets
with velcro straps