

SITE NUMBER: NL0087

SITE NAME: R.O.W. (ORANGE LA806) LOBO



12900 PARK PLAZA DRIVE
CERRITOS, CA 90703



BLACK & VEATCH

12750 CENTER COURT DRIVE
SUITE #330
CERRITOS, CA 90703



PRESCOTT COMMUNICATIONS INC.

10640 Sepulveda Blvd. Suite 1, Mission Hills, CA 91345
Phone No.: (818)898-2352 Fax No.: (818)898-9186

GENERAL NOTES

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, POTABLE WATER, OR TRASH DISPOSAL IS REQUIRED AND NO COMMERCIAL SIGNAGE IS PROPOSED.

PROJECT: LTE
ADDRESS: 1100U KANAN RD.
(UNINCORPORATED)
AGOURA HILLS, CA 91301

DRAWING INDEX

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SITE INFORMATION

PROPERTY OWNER: COUNTY OF LOS ANGELES
ADDRESS: PUBLIC RIGHT OF WAY
DOUGLAS CHASTAIN
PRINCIPAL CIVIL ENGINEER
320 TEMPLE, ROOM 1360
LOS ANGELES, CA 90012
PHONE: (213) 974-6470

APPLICANT: AT&T
ADDRESS: 12900 PARK PLAZA DRIVE
CERRITOS, CA 90703

LATITUDE (NAD 83): 34° 06' 23.18" N
34.106439°

LONGITUDE (NAD 83): 118° 48' 20.95" W
-118.805819°

LONGITUDE/LATITUDE TYPE: NAD 83

GROUND ELEVATION: 1,502.5' AMSL

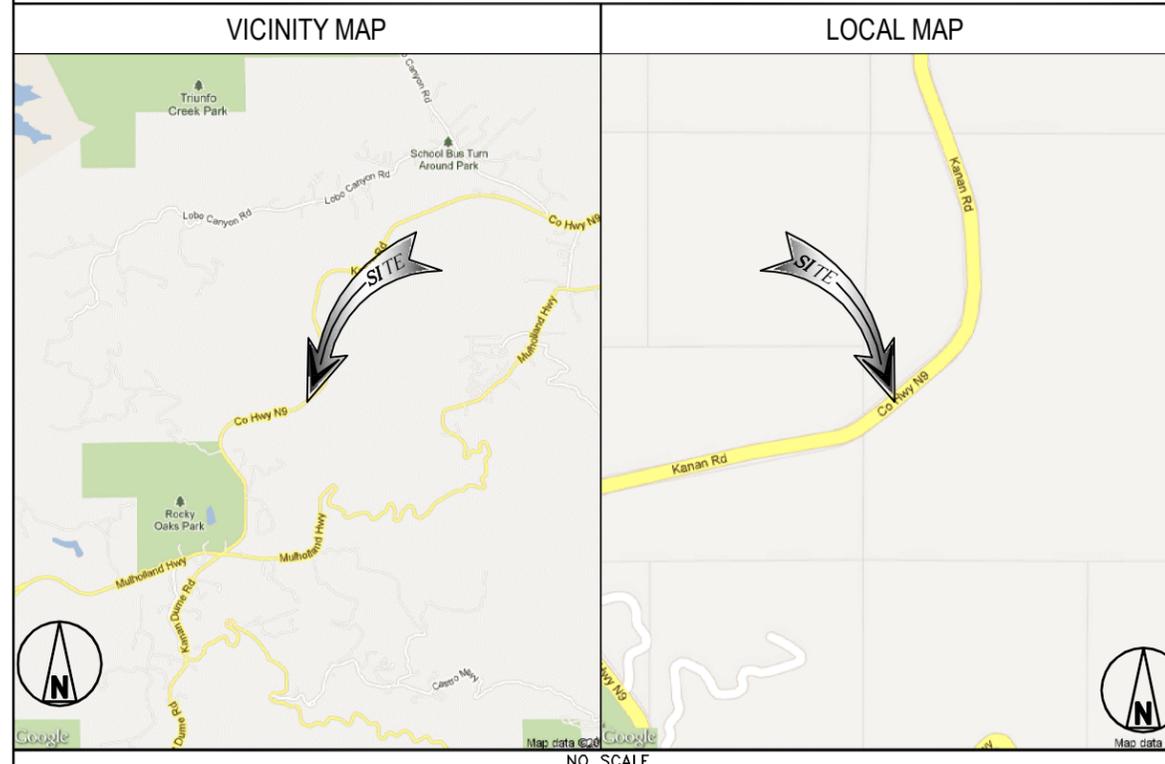
APN #: N/A

ZONING JURISDICTION: COUNTY OF LOS ANGELES

CURRENT ZONING: PUBLIC RIGHT OF WAY

PROPOSED USE: UNMANNED TELECOMMUNICATIONS FACILITY

LOCATION MAPS



PROJECT DESCRIPTION

AT&T WIRELESS PROPOSES TO MODIFY AN EXISTING WIRELESS INSTALLATION. THE SCOPE WILL CONSIST OF THE FOLLOWING:

- SCE TO REPLACE EXIST. 55'-0" (47'-6" AGL) POLE #2240102E WITH A NEW 60'-0" (52'-0"± AGL) CLASS H1 POLE #_____ E AT SAME LOCATION.
- PLACE AT&T UMTS & LTE EQUIPMENT INSIDE EXIST. MEV.
- REMOVE EXISTING CROSS ARMS & ANTENNAS
- PLACE (2) REPLACEMENT 10' COMPOSITE CROSS ARMS & (6) 51.5" PANEL ANTENNAS.

APPROVALS

THE FOLLOWING PARTIES HEREBY APPROVE AND ACCEPT THESE DOCUMENTS & AUTHORIZE THE SUBCONTRACTOR TO PROCEED WITH THE CONSTRUCTION DESCRIBED HEREIN. ALL DOCUMENTS ARE SUBJECT TO REVIEW BY THE LOCAL BUILDING DEPARTMENT & MAY IMPOSE CHANGES OR MODIFICATIONS.

AT&T RF ENGINEER: _____ DATE: _____

AT&T OPERATIONS: _____ DATE: _____

SITE ACQUISITION: _____ DATE: _____

CONSTRUCTION MANAGER: _____ DATE: _____

PROPERTY OWNER: _____ DATE: _____

ZONING: _____ DATE: _____

PROJECT MANAGER: _____ DATE: _____

ENGINEERING

2007 CALIFORNIA BUILDING CODE
2006 INTERNATIONAL BUILDING CODE
2008 NATIONAL ELECTRIC CODE
TIA/EIA-222-F OR LATEST EDITION

DO NOT SCALE DRAWINGS

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



UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA
800-227-2600

48 HOURS BEFORE YOU DIG

PROJECT TEAM

PROJECT MANAGER: BLACK & VEATCH
12750 CENTER COURT DRIVE, SUITE 330
CERRITOS, CA 90703
CONTACT: JOEY ALVINEZ
PHONE: (562) 468-6299
EMAIL: jo9745@att.com

ENGINEER: C.E.S.
10640 SEPULVEDA BLVD, SUITE #1
MISSION HILLS, CA 91345
CONTACT: REID BIGGS
PHONE: (818) 898-2352
EMAIL: reid.biggs@cableeng.com

SITE ACQUISITION: C.E.S.
10640 SEPULVEDA BLVD, SUITE #1
MISSION HILLS, CA 91345
CONTACT: ROB SEARCY
PHONE: (818) 898-2352
EMAIL: rob.searcy@cableeng.com

ZONING: C.E.S.
10640 SEPULVEDA BLVD, SUITE #1
MISSION HILLS, CA 91345
CONTACT: ROB SEARCY
PHONE: (818) 898-2352
EMAIL: rob.searcy@cableeng.com

RF ENGINEER: AT&T
12900 PARK PLAZA DRIVE
CERRITOS, CA 90703
CONTACT: JOEY ALVINEZ
PHONE: (562) 468-6299
EMAIL: jo9745@att.com

CONSTRUCTION MANAGER: OVERLAND CONTRACTORS
12750 CENTER COURT DRIVE, SUITE 330
CERRITOS, CA 90703
CONTACT: JAKE SOWERS
PHONE: (678) 849-4663
EMAIL: sowersj@bv.com
sowersj@overlandcontracting.com

DRIVING DIRECTIONS

DIRECTIONS FROM AT&T OFFICE:

1. Head east on Park Plaza Dr toward Shoemaker Ave 0.1 mi
2. Turn left onto Shoemaker Ave 0.4 mi
3. Turn left onto Artesia Blvd 0.1 mi
4. Take the ramp onto CA-91 W 2.1 mi
5. Take exist 17B to merge onto I-605 N 2.0 mi
6. Take exit 9B to merge onto I-105/Century Fwy 16.0 mi

7. Take exit 2B to merge onto I-405 N toward Santa Monica 17.9 mi
8. Take exit 63B to merge onto US-101 N toward Ventura 9.0 mi
9. Take exit 36 for Kanan Rd, 0.2 mi
10. Turn left onto Kanan Rd, 4.9 mi
Destination will be on the left
1100U Kanan Rd, Agoura Hills, CA 91301

PROJECT NO: 28500141-15
DRAWN BY: VH
CHECKED BY: RB

REV	DATE	DESCRIPTION
3	09-23-11	REVISED PER POLE REPLACEMENT
2	08-04-11	REVISED PER DRM
1	07-08-11	PRELIMINARY

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

NL0087-LTE
1100U KANAN RD.
(UNINCORPORATED)
AGOURA HILLS, CA 91301

SHEET TITLE
TITLE SHEET

SHEET NUMBER
T-1

SYMBOL	DESCRIPTION
E.O.D.	EDGE OF DIRT
W/L	WHITE LINE
R.O.W.	RIGHT OF WAY
E.O.P.	EDGE OF PAVEMENT
C/L	CENTER LINE
C/F	CURBFACE
P/L	PROPERTY LINE
-----	EXISTING CUT
-X-X-X-X-X-	FENCE
○-○-○-○-○-○	WALL
□-□-□-□-□-□	DRIVEWAY
🌿	BUSHES
🌳	TREE
⊗	UTILITY POLE
●	PROPOSED SITE POLE
☀	STREET LIGHT
●	PARKING METER/STREET SIGN
×	DOWN GUY
⦿	FIRE HYDRANT
○	UTILITY VALVE
⊠	UTILITY MANHOLE
⊗	SEWER MANHOLE
■	SQUARE VENT
●	ROUND VENT
→	DIG-ALERTS
♿	HANDICAP RAMP

FIELD SYMBOLOGY

GENERAL NOTES AND CONDITIONS

INTENT

- THESE CONSTRUCTION DRAWINGS DESCRIBE THE WORK TO BE DONE & THE MATERIALS TO BE FURNISHED FOR CONSTRUCTION.
- THE INTENTION OF THE DOCUMENTS IS TO INCLUDE ALL LABOR AND MATERIALS REASONABLY NECESSARY FOR THE PROPER EXECUTION AND COMPLETION OF THE WORK AS STIPULATED IN THE CONTRACT.
- THE PURPOSE OF THE SPECIFICATIONS IS TO INTERPRET THE INTENT OF THE DRAWINGS AND TO DESIGNATE THE METHOD OF THE PROCEDURE, TYPE AND QUALITY OF MATERIALS REQUIRED TO COMPLETE THE WORK.
- MINOR DEVIATIONS FROM THE DESIGN LAYOUT ARE ANTICIPATED AND SHALL BE CONSIDERED AS PART OF THE WORK. NO CHANGES THAT ALTER THE CHARACTER OF THE WORK WILL BE MADE OR PERMITTED BY THE OWNER WITHOUT ISSUING A CHANGE ORDER.

CONFLICTS

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL MEASUREMENTS AT THE SITE BEFORE ORDERING ANY MATERIALS OR DOING ANY WORK. NO EXTRA CHARGE OR COMPENSATION SHALL BE ALLOWED DUE TO DIFFERENCE BETWEEN ACTUAL DIMENSIONS AND DIMENSIONS INDICATED IN THE CONSTRUCTION DRAWINGS. ANY SUCH DISCREPANCY IN DIMENSIONS WHICH MAY BE FOUND SHALL BE SUBMITTED TO THE OWNER FOR CONSIDERATION BEFORE THE CONTRACTOR PROCEEDS WITH THE WORK IN THE AFFECTED AREAS.
- THE BIDDER, IF AWARDED THE CONTRACT, WILL NOT BE ALLOWED ANY EXTRA COMPENSATION BY REASON OF ANY MATTER OR THING CONCERNING WHICH SUCH BIDDER MIGHT HAVE FULLY INFORMED THEMSELVES PRIOR TO THE BIDDING.
- NO PLEA OF IGNORANCE OF CONDITIONS THAT EXIST, OR OF DIFFICULTIES OR CONDITIONS THAT MAY BE ENCOUNTERED OR OF ANY OTHER RELEVANT MATTER CONCERNING THE WORK TO BE PERFORMED IN THE EXECUTION OF THE WORK WILL BE ACCEPTED AS AN EXCUSE FOR ANY FAILURE OR OMISSION ON THE PART OF THE CONTRACTOR TO FULFILL EVERY DETAIL OF ALL THE REQUIREMENTS OF THE CONTRACT DOCUMENTS GOVERNING THE WORK.

WARRANTIES & BONDS

- CONTRACTOR IS RESPONSIBLE FOR APPLICATION AND PAYMENT OF CONTRACTOR LICENSES AND BONDS.
- SEE MASTER CONTRACTOR SERVICES AGREEMENT FOR ADDITIONAL DETAILS.

STORAGE

- ALL MATERIALS MUST BE STORED IN A LEVEL AND DRY FASHION AND IN A MANNER THAT DOES NOT NECESSARILY OBSTRUCT THE FLOW OF OTHER WORK.
- BTS CABINETS MUST BE STORED INSIDE UNTIL THERE IS POWER ON SITE
- STORAGE METHOD MUST MEET ALL RECOMMENDATIONS OF THE ASSOCIATED MANUFACTURER.

RELATED DOCUMENTS AND COORDINATION

- GENERAL CONSTRUCTION, ELECTRICAL AND ANTENNA DRAWINGS ARE INTERRELATED. IN PERFORMANCE OF THE WORK, THE CONTRACTOR MUST REFER TO ALL DRAWINGS. ALL COORDINATION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

CHANGE ORDER PROCEDURE

- CHANGE ORDERS MAY BE INITIATED BY THE OWNER AND/OR THE CONTRACTOR INVOLVED. THE CONTRACTOR, UPON VERBAL REQUEST FROM THE OWNER SHALL PREPARE A WRITTEN PROPOSAL DESCRIBING THE CHANGE IN WORK OR MATERIALS AND ANY CHANGES IN THE CONTRACT AMOUNT AND PRESENT TO THE OWNER WITHIN 72 HRS FOR APPROVAL. SUBMIT REQUESTS FOR SUBSTITUTIONS IN THE FORM AND IN ACCORDANCE WITH PROCEDURES REQUIRED FOR CHANGE ORDER PROPOSALS. ANY CHANGES IN THE SCOPE OF WORK OR MATERIALS WHICH ARE PERFORMED BY THE CONTRACTOR WITHOUT A WRITTEN CHANGE ORDER AS DESCRIBED & APPROVED BY THE OWNER SHALL PLACE FULL RESPONSIBILITY OF THESE ACTIONS ON THE CONTRACTOR.

SHOP DRAWINGS

- CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AS REQUIRED AND LISTED IN THESE DRAWINGS TO THE OWNER FOR APPROVAL.
- ALL SHOP DRAWINGS SHALL BE REVIEWED, CHECKED AND CORRECTED BY CONTRACTOR PRIOR TO SUBMITTAL TO THE OWNER.

PRODUCTS & SUBSTITUTIONS

- SUBMIT 3 COPIES OF EACH REQUEST FOR SUBSTITUTION. IN EACH REQUEST IDENTIFY THE PRODUCT OR FABRICATION OR INSTALLATION METHOD TO BE REPLACED BY THE SUBSTITUTION INCLUDE RELATED SPECIFICATION SECTION AND DRAWING NUMBERS AND COMPLETE DOCUMENTATION SHOWING COMPLIANCE WITH THE REQUIREMENTS FOR SUBSTITUTIONS.
- SUBMIT ALL NECESSARY PRODUCT DATA AND CUT SHEETS WHICH PROPERLY INDICATE AND DESCRIBE THE ITEMS, PRODUCTS & MATERIALS BEING INSTALLED. THE CONTRACTOR SHALL, IF DEEMED NECESSARY BY THE OWNER SUBMIT ACTUAL SAMPLES TO THE OWNER FOR APPROVAL IN LIEU OF CUT SHEETS.

CODE COMPLIANCE

- ALL WORK SHALL BE IN ACCORDANCE WITH APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS. THESE SHALL INCLUDE BUT NOT BE LIMITED TO THE LATEST VERSION OF THE FOLLOWING:
2001 CALIFORNIA BUILDING CODE. 2001 CALIFORNIA MECHANICAL CODE.
2001 CALIFORNIA ELECTRICAL CODE. 2001 CALIFORNIA CODE OF REGULATIONS
2001 CALIFORNIA PLUMBING CODE. FOR ENERGY CONSERVATION.

INSURANCE AND BONDS

- CONTRACTOR SHALL AT THEIR OWN EXPENSE CARRY AND MAINTAIN FOR THE DURATION OF THE PROJECT ALL INSURANCE AS REQUIRED AND LISTED.
- CONTRACTOR SHALL NOT COMMENCE WITH THEIR WORK UNTIL THEY HAVE PRESENTED AN ORIGINAL CERTIFICATE OF INSURANCE STATING ALL COVERAGE'S TO THE OWNER.
- THE OWNER SHALL BE NAMED AS AN ADDITIONAL INSURED ON ALL POLICIES.
- REFER TO THE MASTER AGREEMENT FOR REQUIRED INSURANCE LIMITS.

ADMINISTRATION

- BEFORE THE COMMENCEMENT OF ANY WORK, THE CONTRACTOR WILL ASSIGN A PROJECT MANAGER WHO WILL ACT AS A SINGLE POINT OF CONTACT FOR ALL PERSONNEL INVOLVED IN THIS PROJECT. THIS PROJECT MANAGER WILL DEVELOP A MASTER SCHEDULE FOR THE PROJECT WHICH WILL BE SUBMITTED TO THE OWNER PRIOR TO THE COMMENCEMENT OF ANY WORK.
- SUBMIT A BAR TYPE PROGRESS CHART NOT MORE THAN THREE (3) DAYS AFTER THE DATE ESTABLISHED FOR COMMENCEMENT OF THE WORK ON THE SCHEDULE, INDICATING A TIME BAR FOR EACH MAJOR CATEGORY OF WORK TO BE PERFORMED AT THE SITE, PROPERLY SEQUENCED AND COORDINATED WITH OTHER ELEMENTS OF WORK & SHOWING COMPLETION OF THE WORK SUFFICIENTLY IN ADVANCE OF THE DATE ESTABLISHED FOR SUBSTANTIAL COMPLETION OF THE SITE.
- PRIOR TO COMMENCING CONSTRUCTION, THE OWNER SHALL SCHEDULE AN ON-SITE MEETING WITH ALL MAJOR PARTIES. THIS WOULD INCLUDE (THOUGH NOT LIMITED TO) THE OWNER, PROJECT MANAGER, CONTRACTOR, LAND OWNER REPRESENTATIVE, LOCAL TELEPHONE COMPANY, TOWER ERECTION FOREMAN (IF SUBCONTRACTED).
- CONTRACTOR SHALL BE EQUIPPED WITH SOME MEANS OF CONSTANT COMMUNICATIONS, SUCH AS A MOBILE PHONE OR A BEEPER. THIS EQUIPMENT WILL NOT BE SUPPLIED BY THE BY THE OWNER, NOR WILL WIRELESS SERVICE BE ARRANGED.
- DURING CONSTRUCTION, CONTRACTOR MUST ENSURE THAT EMPLOYEES AND SUBCONTRACTORS WEAR HARD HATS AT ALL TIMES. CONTRACTOR WILL COMPLY WITH ALL CLIENT SAFETY REQUIREMENTS IN THEIR AGREEMENT.
- PROVIDE WRITTEN DAILY UPDATES AND PHOTOGRAPHS OF ON SITE PROGRESS TO THE PROJECT MANAGER VIA E-MAIL.
- A COMPLETE INVENTORY OF CONSTRUCTION MATERIALS AND EQUIPMENT IS REQUIRED PRIOR TO START OF CONSTRUCTION.
- NOTIFY THE OWNER / PROJECT MANAGER IN WRITING NO LESS THAN 48 HOURS IN ADVANCE OF CONCRETE POURS, TOWER ERECTIONS, AND EQUIPMENT CABINET PLACEMENTS.
- CLOSEOUT PACKAGE IS DUE COMPLETE WITH DETAILED TOP PHOTOS UPON SITE PUNCHWALK WITH PROJECT MANAGER (SEE PROJECT MANAGER FOR SAMPLE CLOSEOUT PACKAGE).

CLEAN UP

- THE CONTRACTOR SHALL AT ALL TIMES KEEP THE SITE FREE FROM ACCUMULATION OF WASTE MATERIALS OR RUBBISH CAUSED BY THEIR EMPLOYEES AT WORK. AT THE COMPLETION OF THE WORK, THEY SHALL REMOVE ALL RUBBISH FROM AND ABOUT THE BUILDING AREA, INCLUDING ALL THEIR TOOLS, SCAFFOLDING AND SURPLUS MATERIALS AND SHALL LEAVE THEIR WORK CLEAN AND READY FOR USE.
- VISUALLY INSPECT EXTERIOR SURFACES AND REMOVE ALL TRACES OF SOIL, WASTE MATERIALS, SMUDGES & OTHER FOREIGN MATTER.
- REMOVE ALL TRACES OF SPLASHED MATERIALS FROM ADJACENT SURFACES.
- IF NECESSARY TO ACHIEVE A UNIFORM DEGREE OF CLEANLINESS, HOSE DOWN THE EXTERIOR OF THE STRUCTURE.

- INDEMNIFICATION CLAUSE: THE CONTRACTOR AGREES AND SHALL:
ASSUME SOLE AND COMPLETE RESPONSIBILITY OF THE JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTIES. THAT THESE REQUIREMENTS SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS AND CONDITIONS. THE CONTRACTOR FURTHER AGREES TO DEFEND INDEMNITY AND HOLD AT&T MOBILITY, IT'S REPRESENTATIVES, AND ENGINEERS HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED IN CONNECTION WITH THE PERFORMANCE OF THE WORK ON THIS PROJECT.
- PRIOR TO THE BEGINNING OF ANY CONSTRUCTION AND THROUGHOUT THE COURSE OF CONSTRUCTION WORK, THE CONTRACTOR SHALL FULLY COMPLY WITH "CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH" ACT OF 1973 INCLUDING ALL REVISIONS AND AMENDMENTS THERETO.
- ALL WORK SHALL CONFORM TO THE LATEST EDITION OF GO 95, 128, AND THE STANDARD "SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION", AS ADOPTED BY THE CITY, COUNTY OR STATE AS MODIFIED BY STANDARD PLANS AND ADDENDUMS.
- THE EXISTENCE AND LOCATION OF UTILITIES AND OTHER AGENCIES, FACILITIES AS SHOWN HEREON ARE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. OTHER FACILITIES MAY EXIST. THE CONTRACTOR SHALL VERIFY PRIOR TO THE START OF CONSTRUCTION AND SHALL USE EXTREME CARE AND PROTECTIVE MEASURES TO PREVENT DAMAGE TO THESE FACILITIES. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL UTILITY OR AGENCY FACILITIES WITHIN THE LIMITS OF WORK, WHETHER THEY ARE SHOWN ON THIS PLAN OR NOT.
- THE CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT (800) 227-2600, AT LEAST TWO WORKING DAYS PRIOR TO THE START OF ANY EXCAVATION.
- THE CONTRACTOR SHALL NOTIFY THE CITY, COUNTY OR STATE ENGINEER INSPECTION DEPARTMENT, (818) 597-7334, AT LEAST TWO DAYS BEFORE START OF ANY WORK REQUIRING THEIR INVOLVEMENT.
- ALL WORK AREA AND STREET TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.) AND SPECIFICATIONS FROM THE CITY, COUNTY OR STATE.
- THE CITY, COUNTY OR STATE SHALL SPECIFY THE EXPIRATION PERIOD OF THE PERMIT FOR THIS CONSTRUCTION PROJECT.
- THE MINIMUM COVER FOR ALL CONDUITS PLACED UNDERGROUND SHALL BE 30 INCHES TO THE FINISHED GRADE AT ALL TIMES.
- THE CONTRACTOR SHALL HDD OR OPEN CUT ALL CURB AND GUTTERS, CONCRETE DRIVEWAYS AND ASSIST RAMPAS IN THE DIRECTION OF THE CITY, COUNTY OR STATE INSPECTOR.
- ALL A.C. AND/OR CONCRETE PAVEMENT SHALL BE REPLACED AT THE DIRECTION OF THE CITY, COUNTY OR STATE ENGINEERS.
- ALL SHRUBS, PLANTS OR TREES THAT HAVE BEEN DAMAGED OR DISTURBED DURING THE COURSE OF THE WORK, SHALL BE REPLANTED AND/OR REPLACED SO AS TO RESTORE THE WORK SITE TO ITS ORIGINAL CONDITION.
- IF DAMAGE OCCURS TO THE CITY OR COUNTY FACILITIES, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY, TRAFFIC CONTROL LIGHTING; (818) 597-7314 STREET LIGHTING (818) 597-7314.
- AT LEAST TWO DAYS PRIOR TO THE COMMENCEMENT OF ANY WORK, NOTIFY THE POLICE TRAFFIC BUREAU (818) 878-1808 AND THE FIRE DEPARTMENT; (818) 898-1122.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR THE PROCESSING OF ALL APPLICATION PERMIT FORMS ALONG WITH THE REQUIRED LIABILITY INSURANCE FORMS, CLEARLY DEMONSTRATING THAT AT&T MOBILITY, THE CITY, COUNTY OR STATE AS ALSO INSURED WITH THE REQUIRED LIABILITY INSURANCE IN THE AMOUNT OF \$1,000,000.00 FOR THIS CONSTRUCTION PROJECT.
- VAULTS, PEDESTALS, CONDUITS AND OTHER TYPES OF SUBSTRUCTURE ARE EITHER SPECIFIED ON THIS PLAN OR WILL BE SPECIFIED BY THE CONSTRUCTION ENGINEER. ANY AND ALL DEVIATIONS FROM THE SPECIFIED TYPES OF MATERIAL MUST BE APPROVED BY THE SYSTEM ENGINEER, IN WRITING BEFORE INSTALLATION THEREOF.
- ALL U.G. CONDUIT MUST BE SCHEDULE 40 OR BETTER, UNLESS SPECIFIED.
- ANY AND ALL PROPOSED SITE MODIFICATIONS, EXPANSION, OR REARRANGEMENT OF THIS CELLULAR SITE MUST BE COMPLIANT WITH ALL GO 95, AND GO 128 REGULATIONS AS PRESCRIBED BY STATE LAW. FUTURE EXPANSION OF THIS CELLULAR SITE MUST BE APPROVED BY THE DESIGNING ENGINEERING FIRM OR AN EQUALLY QUALIFIED ENGINEERING COMPANY.



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CERRITOS, CA 90703



BLACK & VEATCH

12750 CENTER COURT DRIVE
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PROJECT NO:	28500141-15
DRAWN BY:	VH
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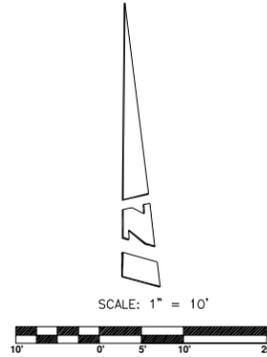
REV	DATE	DESCRIPTION
3	08-23-11	REVISED PER POLE REPLACEMENT
2	08-04-11	REVISED PER DRW
1	07-08-11	PRELIMINARY

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AGOURA HILLS, CA 91301

SHEET TITLE
ABBREVIATIONS, SYMBOLOGY
AND GENERAL NOTES

SHEET NUMBER
T-2



COORDINATES:

LATITUDE 34°06'23.18" N
LONGITUDE 118°48'20.95" W

NAD 1983 GEODETIC COORDINATES AND ELEVATIONS WERE ESTABLISHED USING SURVEY GRADE "ASHTACH" G.P.S. RECEIVERS AND ASHTACH SURVEY GRADE PRECISION SOFTWARE FOR POST-PROCESSING.

BASIS OF BEARINGS:

THE CENTERLINE OF KANAN ROAD BEING SOUTH 50°43'49" WEST PER P.W.F.B. 1504/478 AND 479, RECORDS OF LOS ANGELES COUNTY.

ASSESSOR'S IDENTIFICATION:

N/A

AREA:

N/A

BENCH MARK REFERENCE:

U.S.G.S. BENCH MARK "BM 1500"

UNITED STATES GEOLOGICAL SURVEY BENCH MARK "BM 1500" AS SHOWN ON THE "POINT DUME" 7.5 MINUTE QUADRANGLE MAP.

ELEVATION: 1,502.5 FEET A.M.S.L. (NAVD88) (DATUM VERIFIED IN FIELD TO BE WITHIN 1-A ACCURACY STANDARDS)

TITLE REPORT IDENTIFICATION:

N/A

EASEMENT NOTES:

N/A

LEGAL DESCRIPTION:

N/A

DATE OF SURVEY:

JUNE 27, 2011

SURVEYORS NOTE:

THE RIGHT OF WAY LINES AND THEIR DIMENSIONS SHOWN HEREON ARE PER READILY AVAILABLE RECORDED INFORMATION AND THEIR LOCATIONS ARE APPROXIMATE, PENDING RECEIPT OF TITLE REPORT(S) FOR THE ADJACENT REAL PROPERTY.

LIVING PLANTS STATEMENT:

THE HEIGHTS AND ELEVATIONS FOR THE TREES, BUSHES AND OTHER LIVING PLANTS SHOWN HEREON, SHOULD BE CONSIDERED APPROXIMATE (+/-) AND ONLY VALID FOR THE DATE OF THIS SURVEY. THEY ARE PROVIDED AS A GENERAL REFERENCE AND SHOULD NOT BE USED FOR DESIGN PURPOSES.

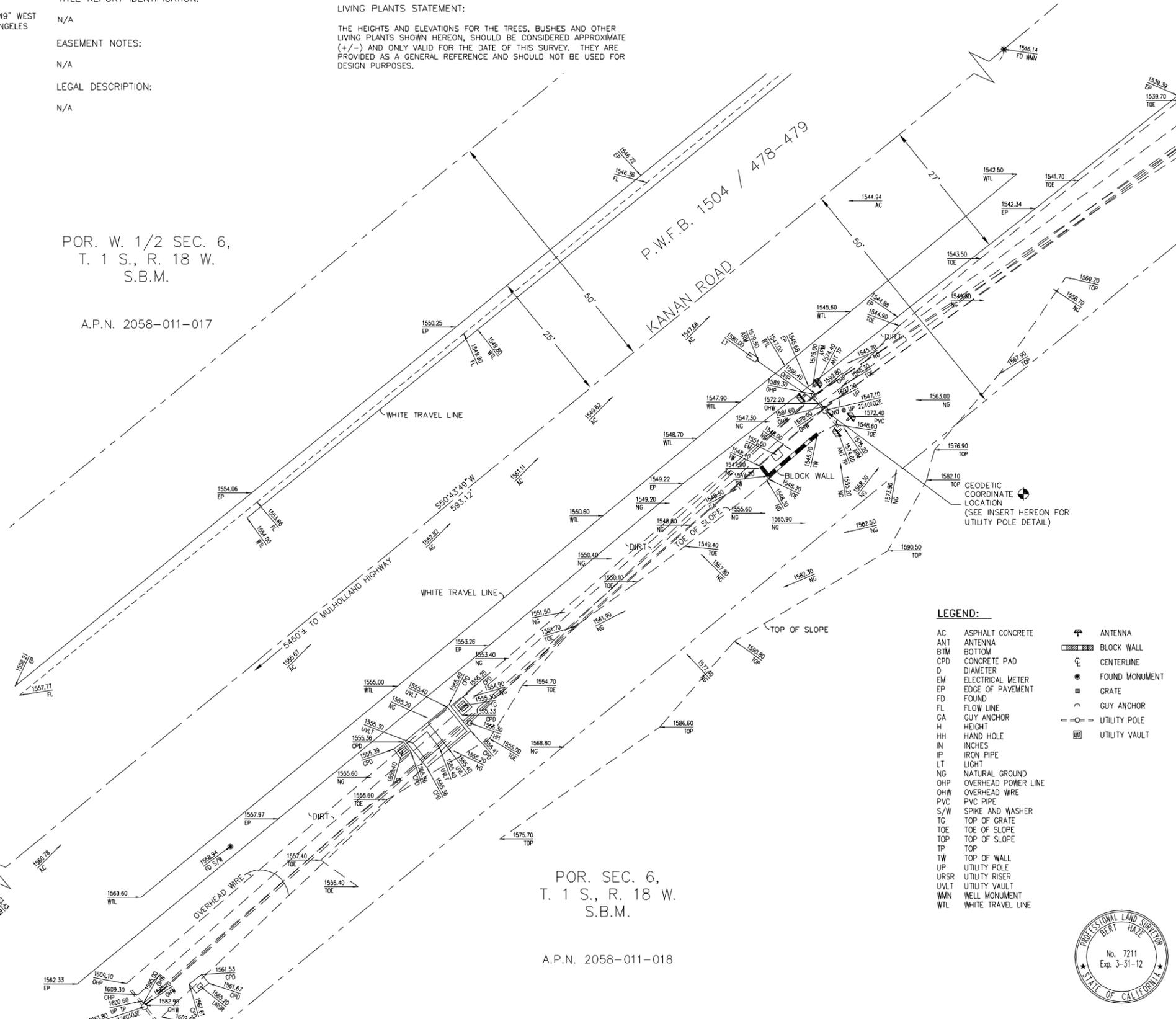
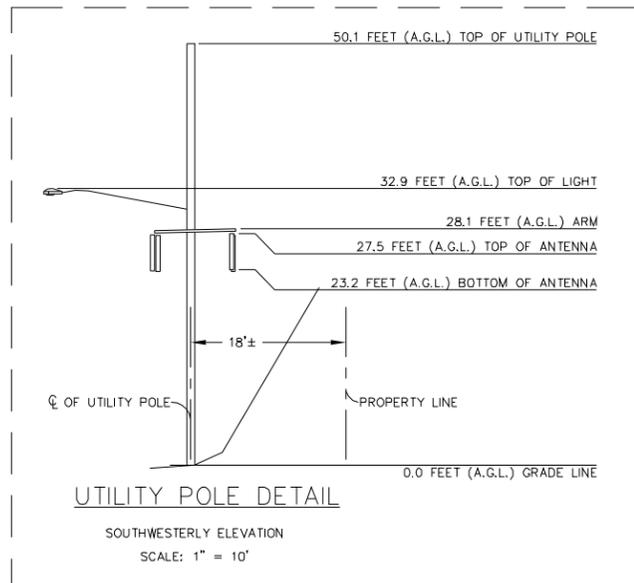
POR. W. 1/2 SEC. 6,
T. 1 S., R. 18 W.
S.B.M.

A.P.N. 2058-011-017

P.W.F.B. 1504 / 478-479
KANAN ROAD

POR. SEC. 6,
T. 1 S., R. 18 W.
S.B.M.

A.P.N. 2058-011-018



LEGEND:

- | | | | |
|------|---------------------|------|---------------------|
| AC | ASPHALT CONCRETE | ANT | ANTENNA |
| ANT | ANTENNA | BTM | BOTTOM |
| BTM | BOTTOM | CPD | CONCRETE PAD |
| CPD | CONCRETE PAD | D | DIAMETER |
| D | DIAMETER | EM | ELECTRICAL METER |
| EM | ELECTRICAL METER | EP | EDGE OF PAVEMENT |
| EP | EDGE OF PAVEMENT | FD | FOUND |
| FD | FOUND | FL | FLOW LINE |
| FL | FLOW LINE | GA | GUY ANCHOR |
| GA | GUY ANCHOR | H | HEIGHT |
| H | HEIGHT | HH | HAND HOLE |
| HH | HAND HOLE | IN | INCHES |
| IN | INCHES | IP | IRON PIPE |
| IP | IRON PIPE | LT | LIGHT |
| LT | LIGHT | NG | NATURAL GROUND |
| NG | NATURAL GROUND | OHP | OVERHEAD POWER LINE |
| OHP | OVERHEAD POWER LINE | OHW | OVERHEAD WIRE |
| OHW | OVERHEAD WIRE | PVC | PVC PIPE |
| PVC | PVC PIPE | S/W | SPIKE AND WASHER |
| S/W | SPIKE AND WASHER | TG | TOP OF GRATE |
| TG | TOP OF GRATE | TOE | TOE OF SLOPE |
| TOE | TOE OF SLOPE | TOP | TOP OF SLOPE |
| TOP | TOP OF SLOPE | TP | TOP |
| TP | TOP | TW | TOP OF WALL |
| TW | TOP OF WALL | UP | UTILITY POLE |
| UP | UTILITY POLE | URSR | UTILITY RISER |
| URSR | UTILITY RISER | UVLT | UTILITY VAULT |
| UVLT | UTILITY VAULT | WVN | WELL MONUMENT |
| WVN | WELL MONUMENT | WTL | WHITE TRAVEL LINE |



REVISIONS:	ISSUED FOR REVIEW	DATE	DESCRIPTION
1	07/05/11		

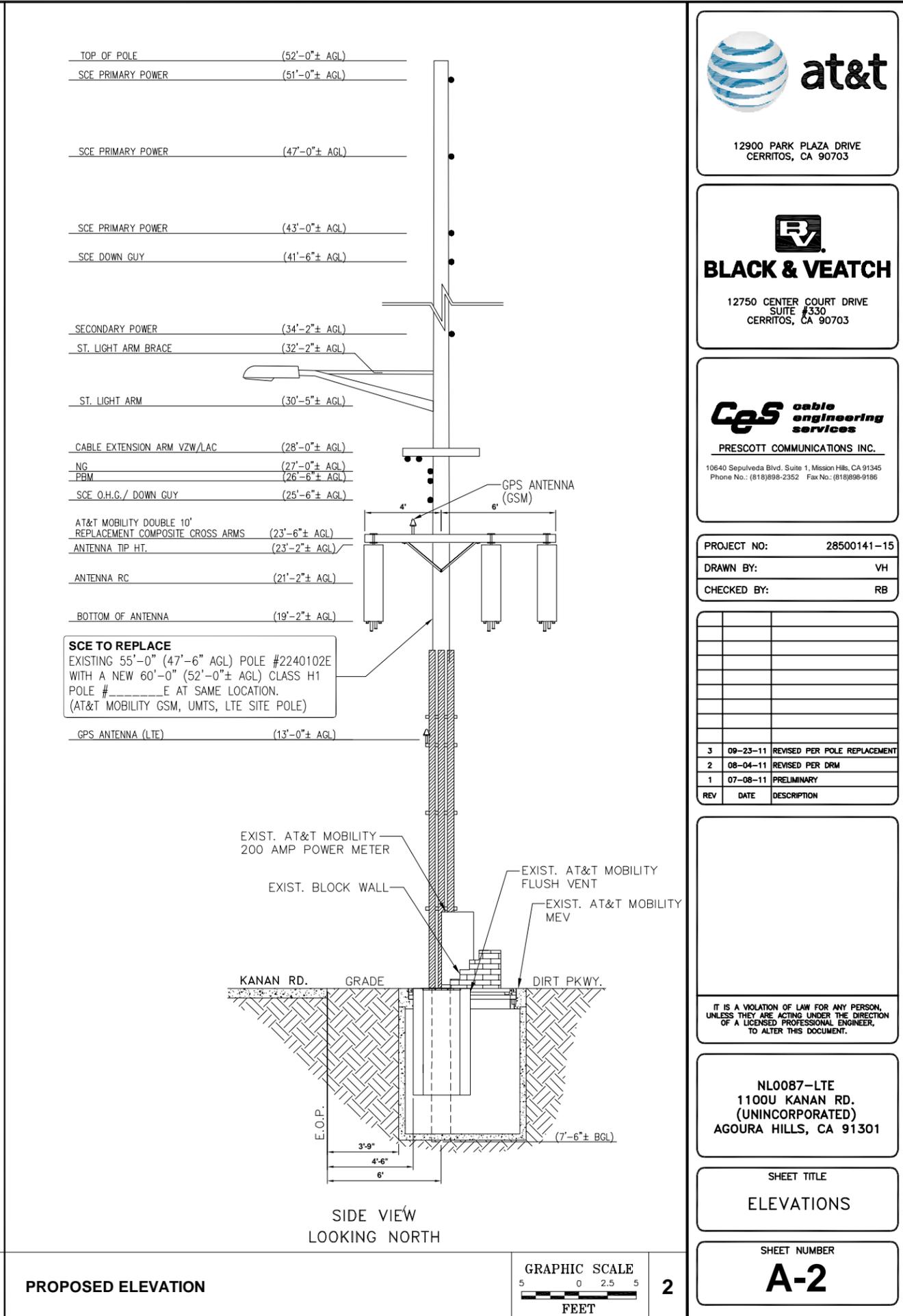
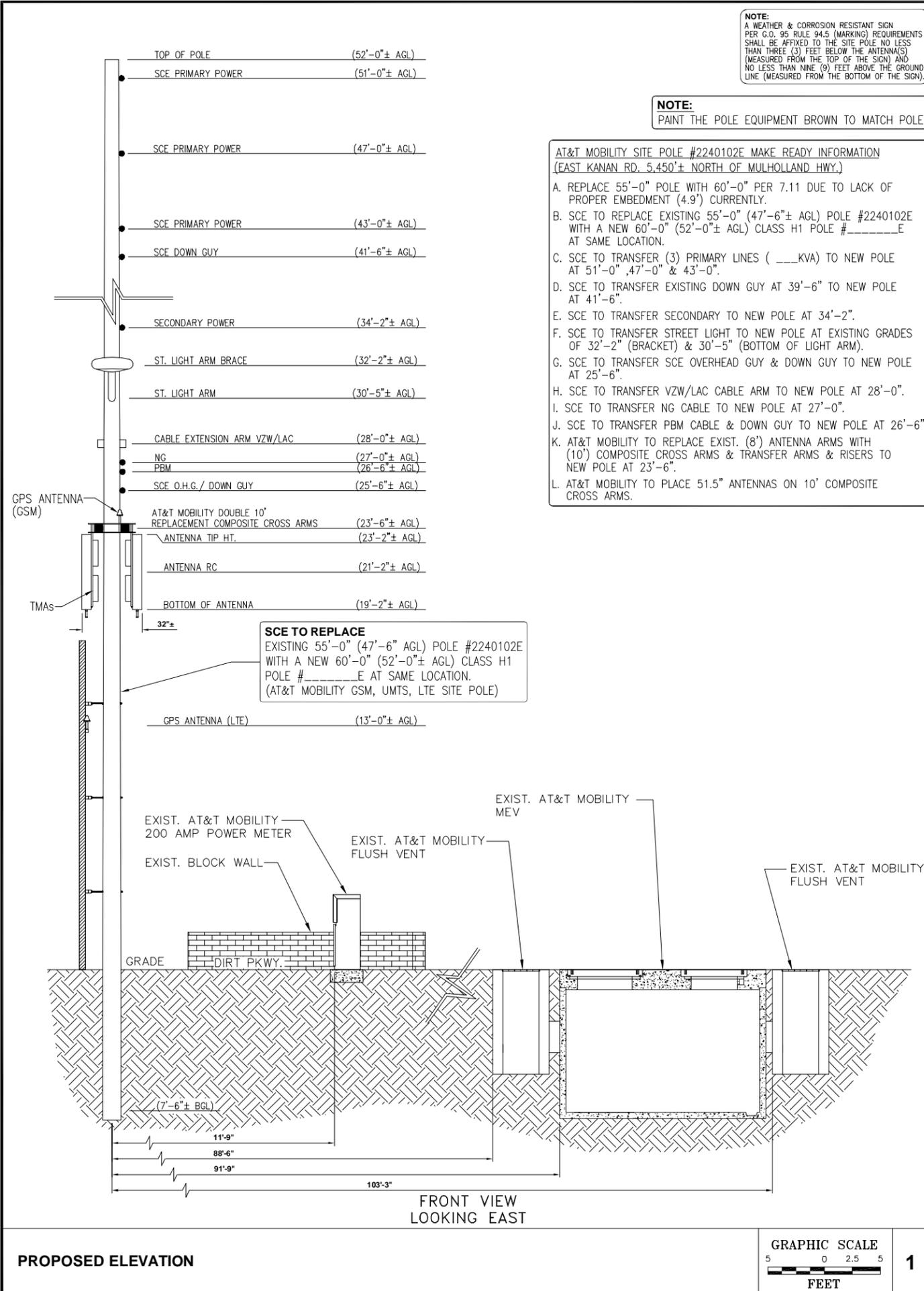
PREPARED BY:
BERT HAZE
AND ASSOCIATES, INC.
LAND SURVEYING & MAPPING
3188 AIRWAY AVENUE, SUITE K1
COSTA MESA, CALIFORNIA 92626
714 557-1567 OFFICE
714 557-1568 FAX

PREPARED FOR:
at&t
12000 PARK PLAZA DRIVE
CERRITOS, CA 94033
TEL: 562-488-6702 FAX: 562-488-6866

TOPOGRAPHIC SURVEY
NL0087
1100 KANAN RD.
AGOURA HILLS, CA 91301

SCALE: 1" = 10'	DATE: 07/05/11
DRAWN BY: MB	CHECKED BY: DR
DRAWING: JN. 740.252/NL0087	

SHEET **LS-1**



12900 PARK PLAZA DRIVE
CERRITOS, CA 90703



BLACK & VEATCH

12750 CENTER COURT DRIVE
SUITE #330
CERRITOS, CA 90703



PRESCOTT COMMUNICATIONS INC.

10640 Sepulveda Blvd. Suite 1, Mission Hills, CA 91345
Phone No.: (818)898-2352 Fax No.: (818)898-9186

PROJECT NO:	28500141-15
DRAWN BY:	VH
CHECKED BY:	RB

REV	DATE	DESCRIPTION
3	09-23-11	REVISED PER POLE REPLACEMENT
2	08-04-11	REVISED PER DRW
1	07-08-11	PRELIMINARY

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NL0087-LTE
1100U KANAN RD.
(UNINCORPORATED)
AGOURA HILLS, CA 91301

SHEET TITLE
ELEVATIONS

SHEET NUMBER
A-2

PROPOSED ELEVATION

PROPOSED ELEVATION

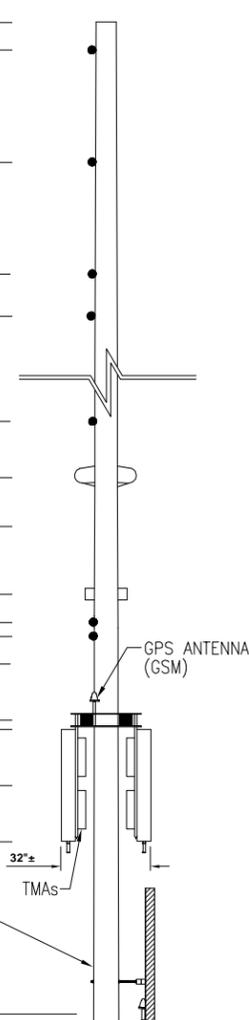
NOTE:
A WEATHER & CORROSION RESISTANT SIGN PER G.O. 95 RULE 94.5 (MARKING) REQUIREMENTS SHALL BE AFFIXED TO THE SITE POLE NO LESS THAN THREE (3) FEET BELOW THE ANTENNA(S) (MEASURED FROM THE TOP OF THE SIGN) AND NO LESS THAN NINE (9) FEET ABOVE THE GROUND LINE (MEASURED FROM THE BOTTOM OF THE SIGN).

NOTE:
PAINT THE POLE EQUIPMENT BROWN TO MATCH POLE

AT&T MOBILITY SITE POLE #2240102E MAKE READY INFORMATION (EAST KANAN RD. 5,450'± NORTH OF MULHOLLAND HWY.)

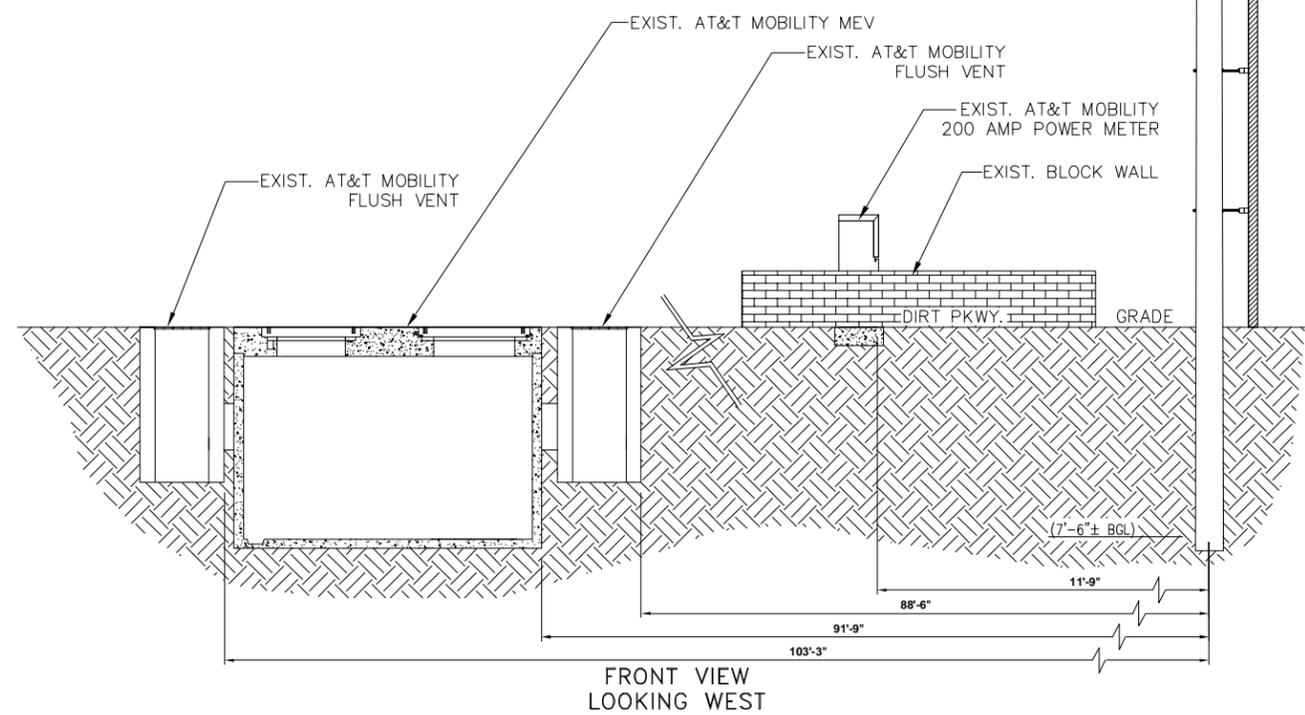
- A. REPLACE 55'-0" POLE WITH 60'-0" PER 7.11 DUE TO LACK OF PROPER EMBEDMENT (4.9') CURRENTLY.
- B. SCE TO REPLACE EXISTING 55'-0" (47'-6"± AGL) POLE #2240102E WITH A NEW 60'-0" (52'-0"± AGL) CLASS H1 POLE #_____E AT SAME LOCATION.
- C. SCE TO TRANSFER (3) PRIMARY LINES (___KVA) TO NEW POLE AT 51'-0" ,47'-0" & 43'-0".
- D. SCE TO TRANSFER EXISTING DOWN GUY AT 39'-6" TO NEW POLE AT 41'-6".
- E. SCE TO TRANSFER SECONDARY TO NEW POLE AT 34'-2".
- F. SCE TO TRANSFER STREET LIGHT TO NEW POLE AT EXISTING GRADES OF 32'-2" (BRACKET) & 30'-5" (BOTTOM OF LIGHT ARM).
- G. SCE TO TRANSFER SCE OVERHEAD GUY & DOWN GUY TO NEW POLE AT 25'-6".
- H. SCE TO TRANSFER VZW/LAC CABLE ARM TO NEW POLE AT 28'-0".
- I. SCE TO TRANSFER NG CABLE TO NEW POLE AT 27'-0".
- J. SCE TO TRANSFER PBM CABLE & DOWN GUY TO NEW POLE AT 26'-6".
- K. AT&T MOBILITY TO REPLACE EXIST. (8') ANTENNA ARMS WITH (10") COMPOSITE CROSS ARMS & TRANSFER ARMS & RISERS TO NEW POLE AT 23'-6".
- L. AT&T MOBILITY TO PLACE 51.5" ANTENNAS ON 10' COMPOSITE CROSS ARMS.

TOP OF POLE	(52'-0"± AGL)
SCE PRIMARY POWER	(51'-0"± AGL)
SCE PRIMARY POWER	(47'-0"± AGL)
SCE PRIMARY POWER	(43'-0"± AGL)
SCE DOWN GUY	(41'-6"± AGL)
SECONDARY POWER	(34'-2"± AGL)
ST. LIGHT ARM BRACE	(32'-2"± AGL)
ST. LIGHT ARM	(30'-5"± AGL)
CABLE EXTENSION ARM VZW/LAC	(28'-0"± AGL)
NG	(27'-0"± AGL)
PBM	(26'-6"± AGL)
SCE O.H.G./ DOWN GUY	(25'-6"± AGL)
AT&T MOBILITY DOUBLE 10' REPLACEMENT COMPOSITE CROSS ARMS	(23'-6"± AGL)
ANTENNA TIP HT.	(23'-2"± AGL)
ANTENNA RC	(21'-2"± AGL)
BOTTOM OF ANTENNA	(19'-2"± AGL)
SCE TO REPLACE EXISTING 55'-0" (47'-6" AGL) POLE #2240102E WITH A NEW 60'-0" (52'-0"± AGL) CLASS H1 POLE #_____E AT SAME LOCATION. (AT&T MOBILITY GSM, UMTS, LTE SITE POLE)	
GPS ANTENNA (LTE)	(13'-0"± AGL)



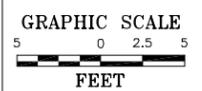
GPS ANTENNA (LTE) (13'-0"± AGL)

EXIST. AT&T MOBILITY MEV
EXIST. AT&T MOBILITY FLUSH VENT
EXIST. AT&T MOBILITY 200 AMP POWER METER
EXIST. BLOCK WALL



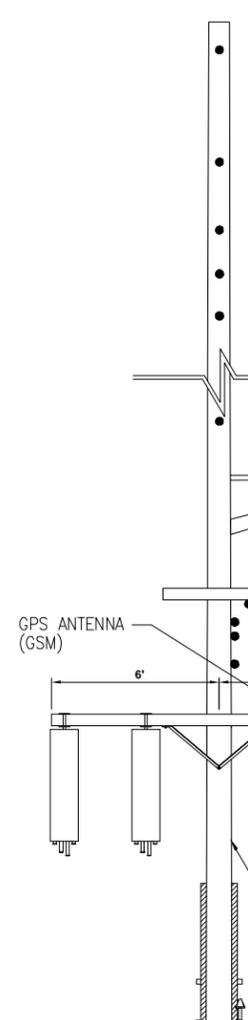
FRONT VIEW
LOOKING WEST

PROPOSED ELEVATION



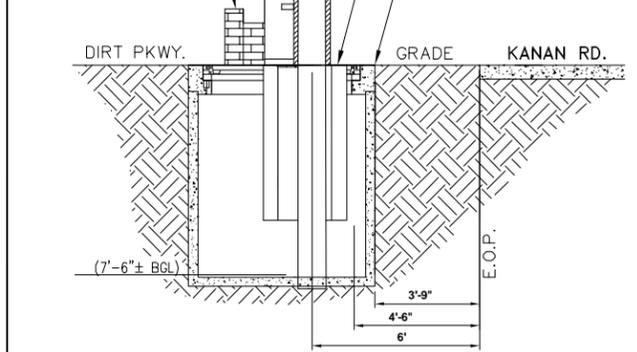
1

TOP OF POLE	(52'-0"± AGL)
SCE PRIMARY POWER	(51'-0"± AGL)
SCE PRIMARY POWER	(47'-0"± AGL)
SCE PRIMARY POWER	(43'-0"± AGL)
SCE DOWN GUY	(41'-6"± AGL)
SECONDARY POWER	(34'-2"± AGL)
ST. LIGHT ARM BRACE	(32'-2"± AGL)
ST. LIGHT ARM	(30'-5"± AGL)
CABLE EXTENSION ARM VZW/LAC	(28'-0"± AGL)
NG	(27'-0"± AGL)
PBM	(26'-6"± AGL)
SCE O.H.G./ DOWN GUY	(25'-6"± AGL)
AT&T MOBILITY DOUBLE 10' REPLACEMENT COMPOSITE CROSS ARMS	(23'-6"± AGL)
ANTENNA TIP HT.	(23'-2"± AGL)
ANTENNA RC	(21'-2"± AGL)
BOTTOM OF ANTENNA	(19'-2"± AGL)
SCE TO REPLACE EXISTING 55'-0" (47'-6" AGL) POLE #2240102E WITH A NEW 60'-0" (52'-0"± AGL) CLASS H1 POLE #_____E AT SAME LOCATION. (AT&T MOBILITY GSM, UMTS, LTE SITE POLE)	
GPS ANTENNA (LTE)	(13'-0"± AGL)



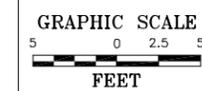
GPS ANTENNA (LTE) (13'-0"± AGL)

EXIST. AT&T MOBILITY 200 AMP POWER METER
EXIST. BLOCK WALL
EXIST. AT&T MOBILITY FLUSH VENT
EXIST. AT&T MOBILITY MEV



SIDE VIEW
LOOKING SOUTH

PROPOSED ELEVATION



2

12900 PARK PLAZA DRIVE
CERRITOS, CA 90703

12750 CENTER COURT DRIVE
SUITE #330
CERRITOS, CA 90703

PRESCOTT COMMUNICATIONS INC.
10640 Sepulveda Blvd. Suite 1, Mission Hills, CA 91345
Phone No.: (818)898-2352 Fax No.: (818)898-9186

PROJECT NO:	28500141-15
DRAWN BY:	VH
CHECKED BY:	RB

REV	DATE	DESCRIPTION
3	09-23-11	REVISED PER POLE REPLACEMENT
2	08-04-11	REVISED PER DRW
1	07-08-11	PRELIMINARY

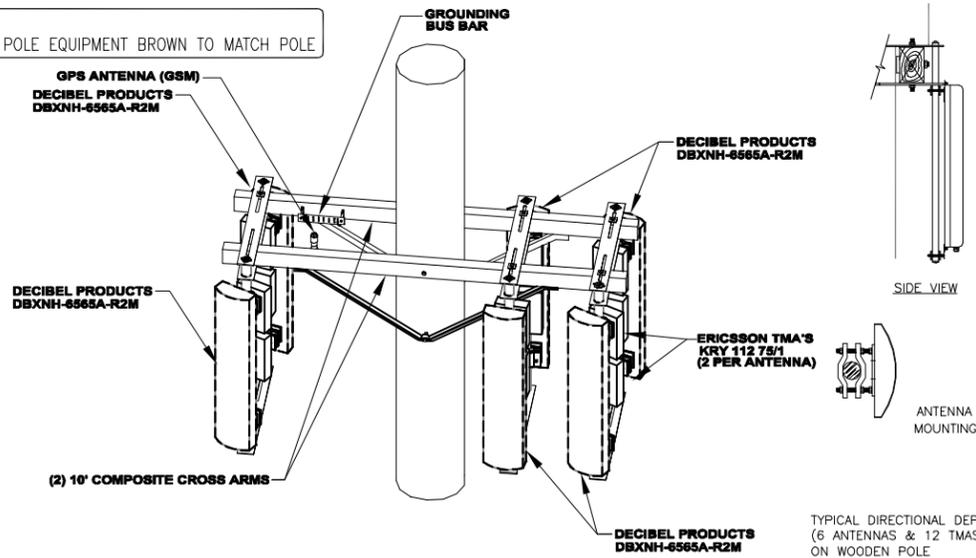
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NL0087-LTE
1100U KANAN RD.
(UNINCORPORATED)
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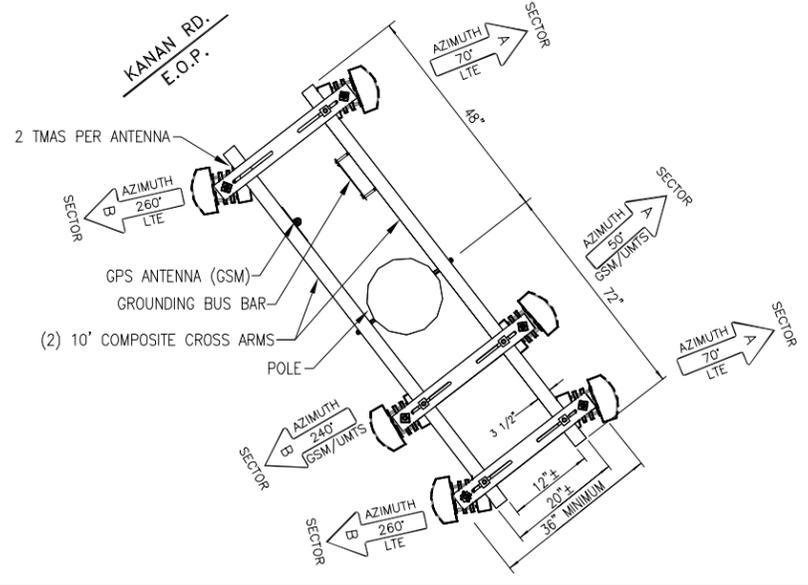
SHEET TITLE
ELEVATIONS

SHEET NUMBER
A-3

NOTE:
PAINT THE POLE EQUIPMENT BROWN TO MATCH POLE



TYPICAL DIRECTIONAL DEPLOYMENT
(6 ANTENNAS & 12 TMAS)
ON WOODEN POLE
(2) 10' COMPOSITE CROSS ARMS



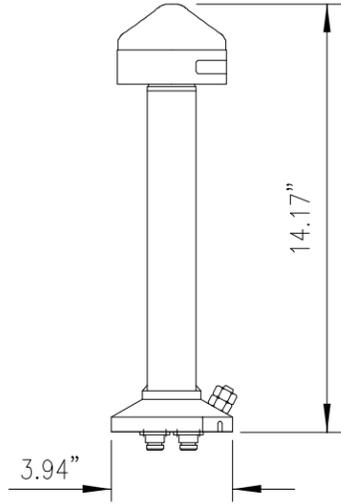
ANTENNA CONFIGURATION

SCALE:
N.T.S. **1**

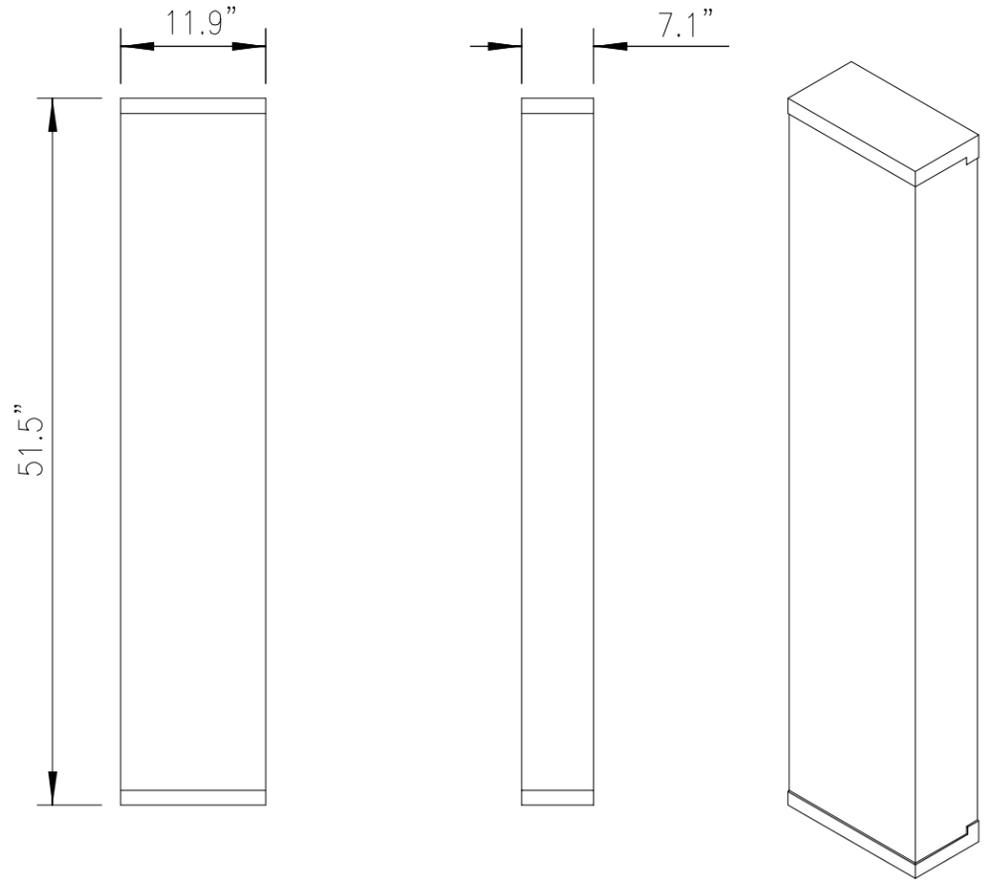
VECTOR DETAIL

SCALE:
N.T.S. **2**

HUBER+SUHNER
SOA 9018/360/2/0/V



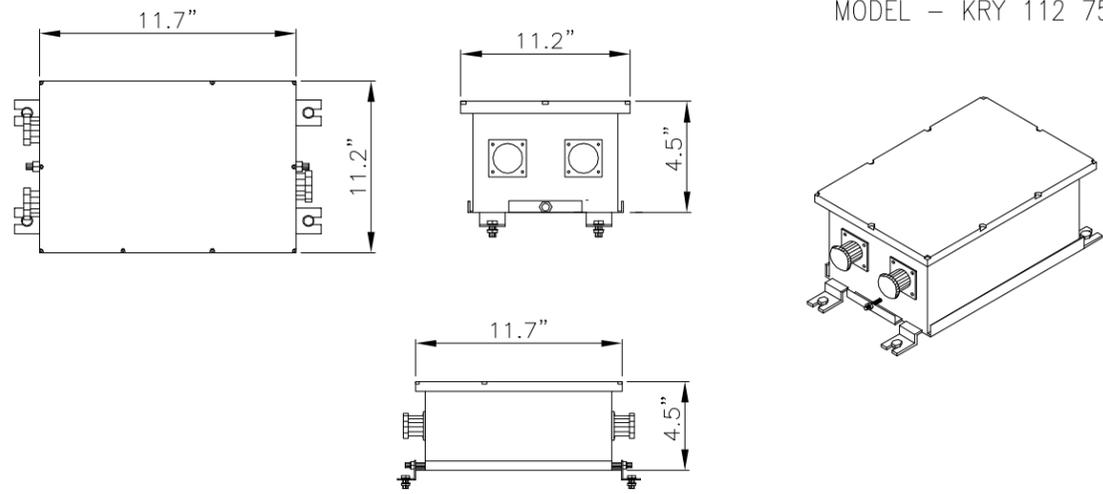
DECIBEL PRODUCTS
MODEL-DBXNH-6565A-R2M



GPS ANTENNA (LTE)

SCALE:
N.T.S. **3**

ERICSSON
MODEL - KRY 112 75/1



TMA DETAIL

SCALE:
N.T.S. **4**

ANTENNA DETAIL

SCALE:
N.T.S. **5**

12900 PARK PLAZA DRIVE
CERRITOS, CA 90703

12750 CENTER COURT DRIVE
SUITE #330
CERRITOS, CA 90703

PRESCOTT COMMUNICATIONS INC.
10640 Sepulveda Blvd. Suite 1, Mission Hills, CA 91345
Phone No.: (818)898-2352 Fax No.: (818)898-9186

PROJECT NO:	28500141-15
DRAWN BY:	VH
CHECKED BY:	RB

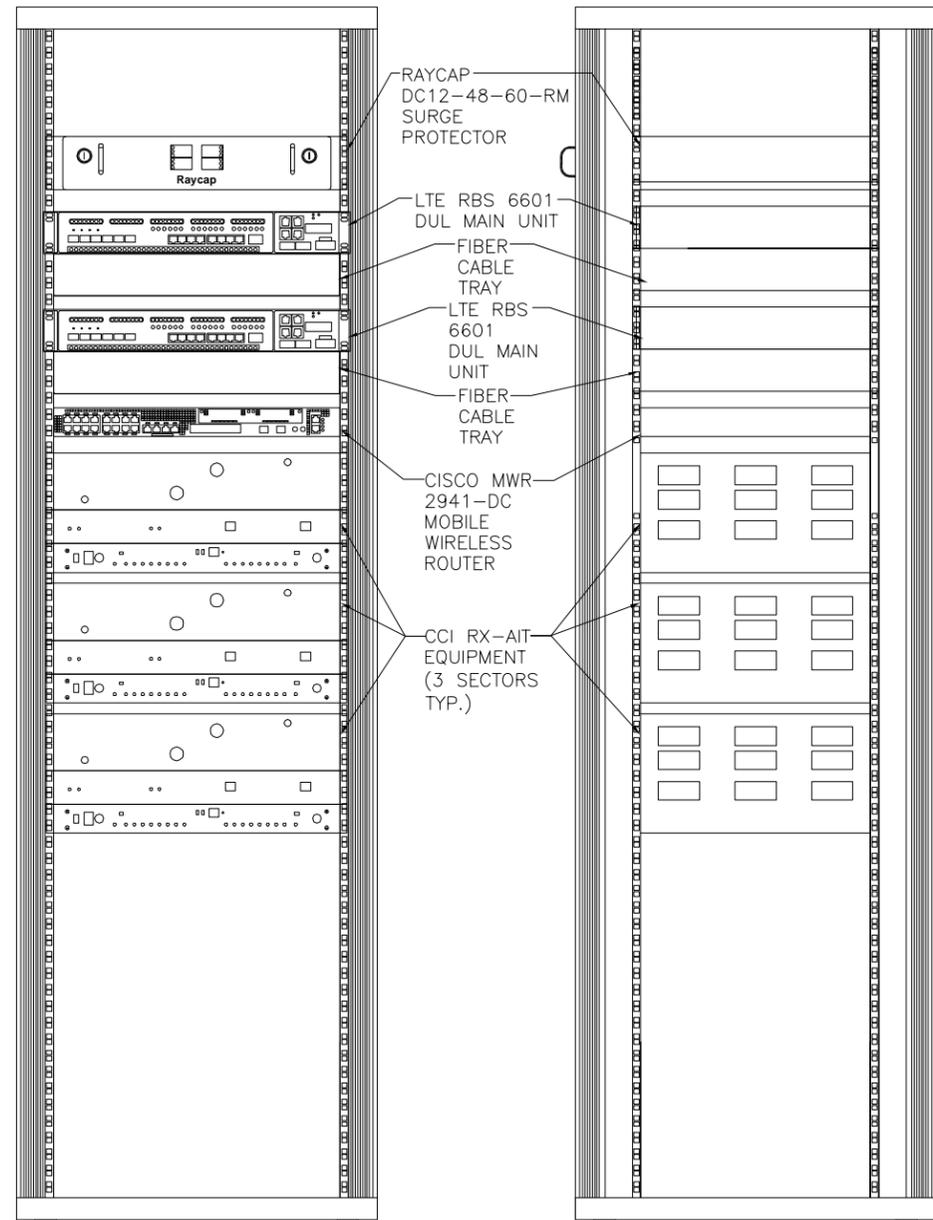
REV	DATE	DESCRIPTION
3	09-23-11	REVISED PER POLE REPLACEMENT
2	08-04-11	REVISED PER DRM
1	07-08-11	PRELIMINARY

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1100U KANAN RD.
(UNINCORPORATED)
AGOURA HILLS, CA 91301

SHEET TITLE
LTE EQUIPMENT
DETAILS

SHEET NUMBER
D-1



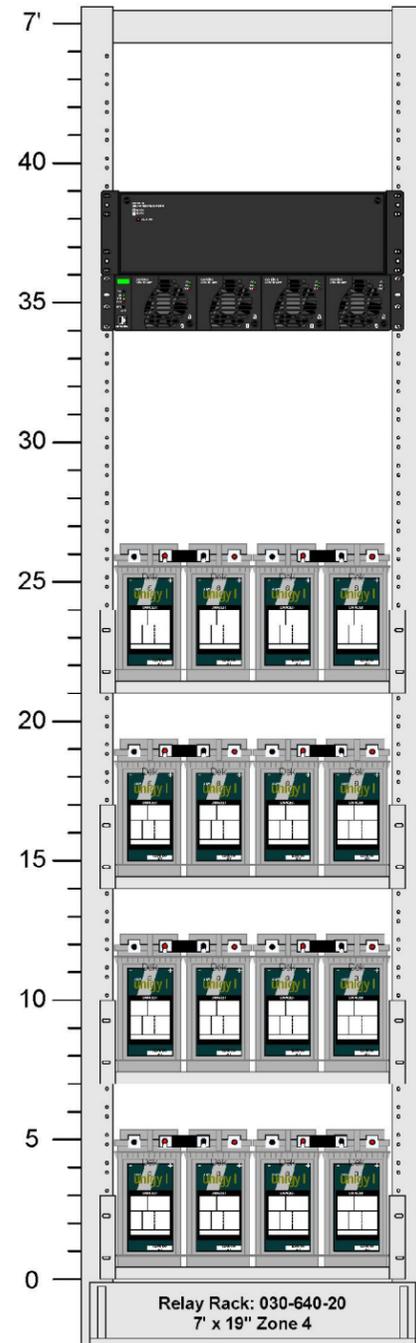
23.62"L x 23.61"W x 79.4" TALL
FRONT VIEW

23.62"L x 23.61"W x 79.4" TALL
SIDE VIEW

NOTE:
DETAIL AS SHOWN IS FOR LTE DEPLOYMENT.
TOTAL OF 2-6601, 1-SURGE PROTECTOR,
1-CISCO MWR ROUTER & 3-SECTOR
RX-AIT SHELVES.

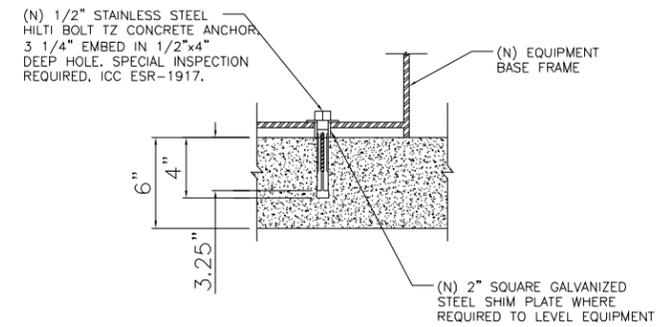
LTE RACK DETAILS

SCALE:
N.T.S. **1**



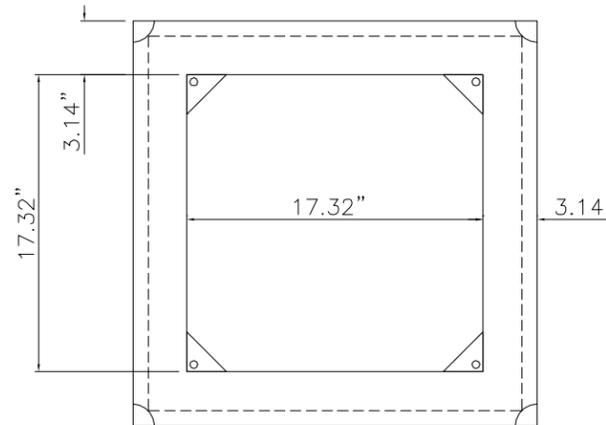
BATTERY BACKUP RACK

SCALE:
N.T.S. **2**



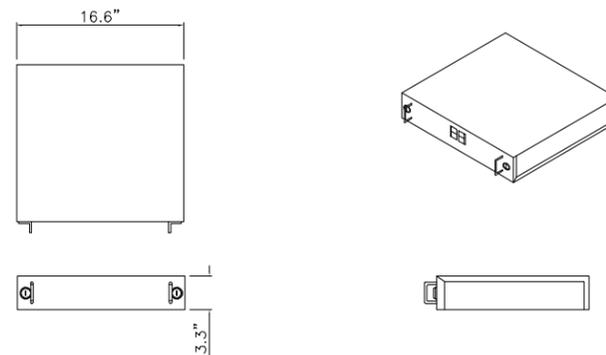
CONCRETE ANCHOR DETAIL

SCALE:
N.T.S. **3**



LTE CCI RACK ANCHORAGE

SCALE:
N.T.S. **4**



RAYCAP DC12-48-60-RM/DC9-48-60-RM
DIMENSIONS, WxDxH: 264x160x264mm (16.6"x15.5"x3.3")
NOMINAL OPERATING VOLTAGE: 48 VDC
NOMINAL DISCHARGE CURRENT: 20 kA 8/20µs
MAXIMUM DISCHARGE CURRENT: 60 kA 8/20µs
MAXIMUM CONTINUOUS OPERATING VOLTAGE: 75 VDC
VOLTAGE PROTECTION RATING: 400 V
TOTAL WEIGHT: 53 lbs

DC SURGE SUPPRESSOR DETAIL

SCALE:
N.T.S. **5**



12900 PARK PLAZA DRIVE
CERRITOS, CA 90703



BLACK & VEATCH

12750 CENTER COURT DRIVE
SUITE #330
CERRITOS, CA 90703



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1100U KANAN RD.
(UNINCORPORATED)
AGOURA HILLS, CA 91301

SHEET TITLE
LTE RACK DETAILS

SHEET NUMBER
D-2



12900 PARK PLAZA DRIVE
CERRITOS, CA 90703



BLACK & VEATCH

12750 CENTER COURT DRIVE
SUITE #330
CERRITOS, CA 90703



ces cable engineering services
PRESCOTT COMMUNICATIONS INC.
10640 Sepulveda Blvd. Suite 1, Mission Hills, CA 91345
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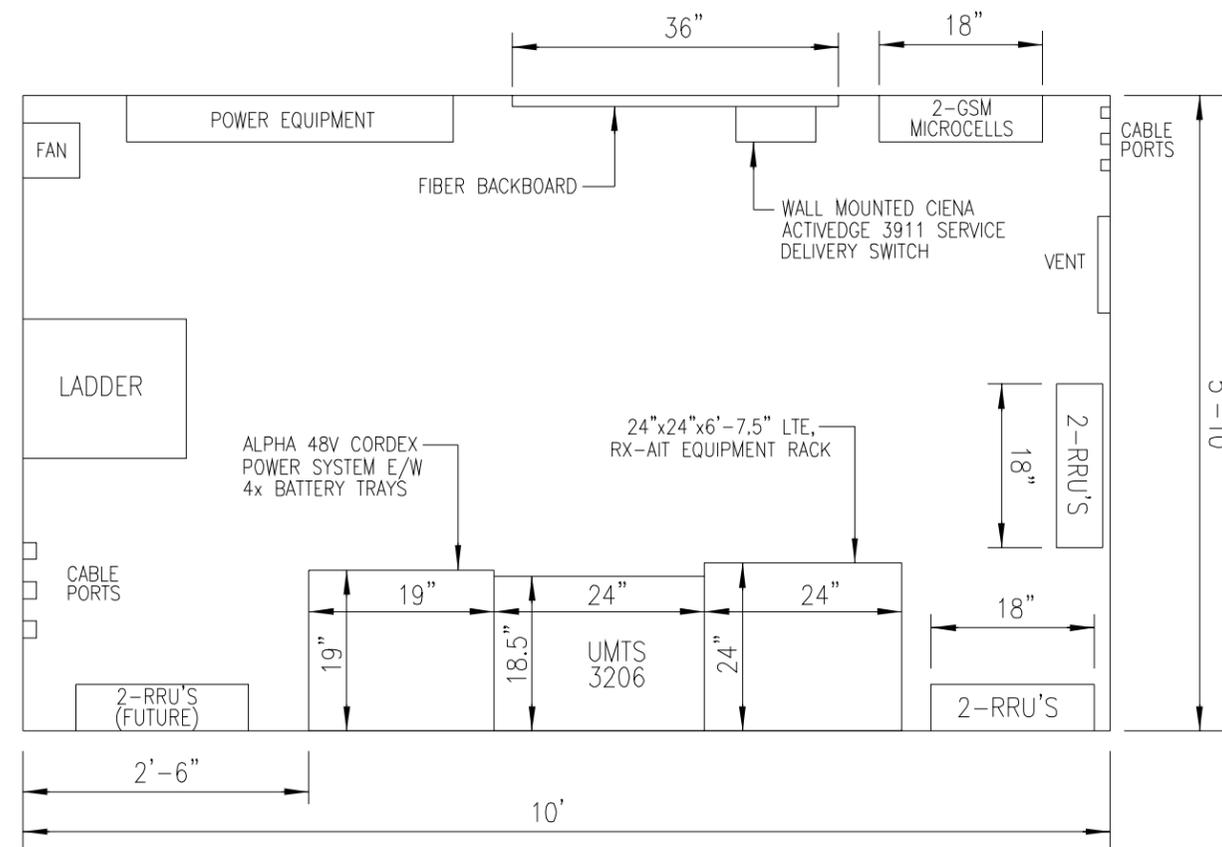
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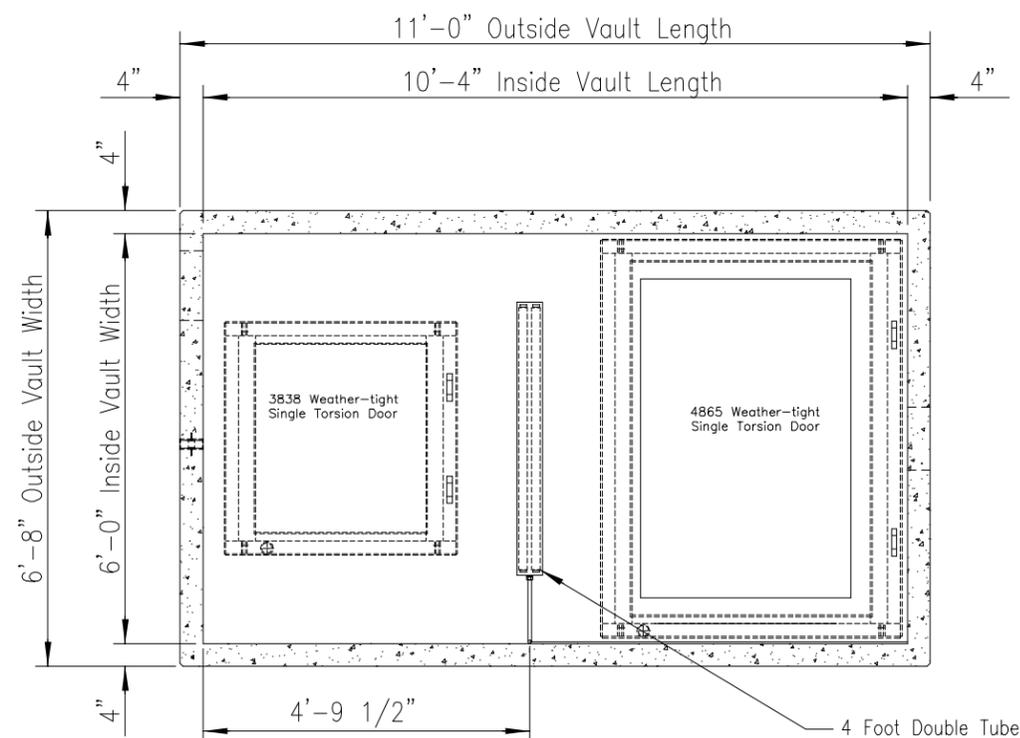
SHEET TITLE
MEV FLOOR LAYOUT

SHEET NUMBER
D-3



EQUIPMENT LAYOUT

NOTE TO CONTRACTOR:
PROPOSED RRU LAYOUT AS SHOWN IS FOR MAXIMUM
LTE & UMTS DEPLOYMENT, TOTAL OF 6 RRUS.



REFLECTIVE CEILING VIEW