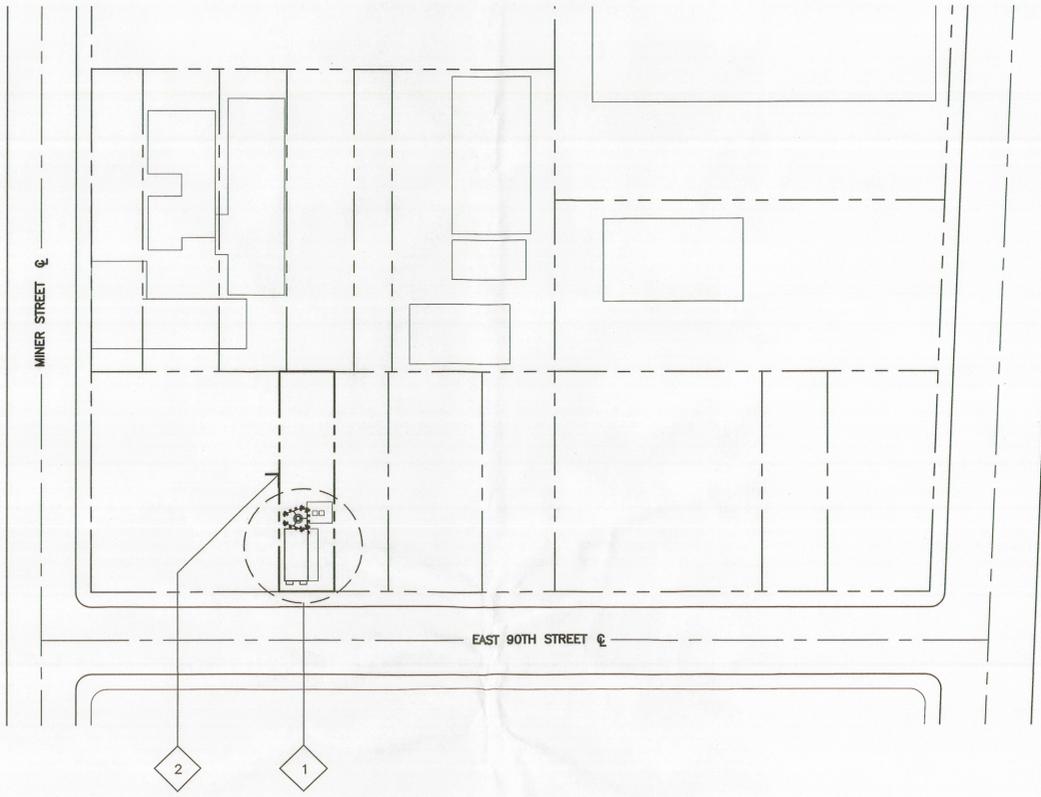


SITE PLAN KEYNOTES

- 1 (E) AT&T LEASE AREA; SEE DETAIL 1/A-0.
- 2 (E) PROPERTY LINE.



STORM WATER QUALITY NOTES CONSTRUCTION BMP'S

THIS PROJECT SHALL COMPLY WITH ALL REQUIREMENTS OF THE STATE PERMIT CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD.

NOTES 1-6 BELOW REPRESENT KEY MINIMUM REQUIREMENTS FOR CONSTRUCTION BMP'S.

1. SUFFICIENT BMP'S MUST BE INSTALLED TO PREVENT SILT, MUD OR OTHER CONSTRUCTION DEBRIS FROM BEING TRACKED INTO THE ADJACENT STREET(S) OR STORM WATER CONVEYANCE SYSTEMS DUE TO CONSTRUCTION VEHICLES OR ANY OTHER CONSTRUCTION ACTIVITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING ANY SUCH DEBRIS THAT MAY BE IN THE STREET AT THE END OF EACH WORK DAY OR AFTER A STORM EVENT THAT CAUSES A BREACH IN THE INSTALLED CONSTRUCTION BMP'S.
2. ALL STOCK PILES OF UNCOMPACTED SOIL AND/OR BUILDING MATERIALS THAT ARE INTENDED TO BE LEFT UNPROTECTED FOR A PERIOD GREATER THAN SEVEN CALENDAR DAYS ARE TO BE PROVIDED WITH EROSION AND SEDIMENT CONTROLS. SUCH SOIL MUST BE PROTECTED EACH DAY WHEN THE PROBABILITY OF RAIN IS ¼40 OR GREATER.
3. A CONCRETE WASHOUT SHALL BE PROVIDED ON ALL PROJECTS WHICH PROPOSE THE CONSTRUCTION OF ANY CONCRETE IMPROVEMENTS THAT ARE TO BE POURED IN PLACE ON THE SITE.
4. ALL EROSION/SEDIMENT CONTROL DEVICES SHALL BE MAINTAINED IN WORKING ORDER AT ALL TIMES.
5. ALL SLOPES THAT ARE CREATED OR DISTURBED BY CONSTRUCTION ACTIVITY MUST BE PROTECTED AGAINST EROSION AND SEDIMENT TRANSPORT AT ALL TIMES.
6. THE STORAGE OF ALL CONSTRUCTION MATERIALS AND EQUIPMENT MUST BE PROTECTED AGAINST ANY POTENTIAL RELEASE OF POLLUTANTS INTO THE ENVIRONMENT.

SITE PLAN GENERAL NOTES

SETBACKS:
 FRONT YARD = TBD
 BACK YARD = TBD
 SIDE YARDS = TBD

1. SITE CONTRACTOR TO CALL DIG ALERT (1-800-227-2600) TO LOCATE ANY AND ALL UNDERGROUND UTILITIES PRIOR TO ANY EXCAVATION.
2. ALL FACILITIES TO BE INSTALLED ARE UNMANNED. NO (E) PARKING SPACES WILL BE IMPACTED BY THE NEW USE.
3. PRIOR TO THE ISSUANCE OF ANY CONSTRUCTION PERMITS, THE APPLICANT SHALL INCORPORATE ANY CONSTRUCTION BEST MANAGEMENT PRACTICES NECESSARY INTO THE CONSTRUCTION PLANS OR SPECIFICATIONS.
4. PRIOR TO THE ISSUANCE OF ANY CONSTRUCTION PERMITS, THE APPLICANT SHALL SUBMIT A WATER POLLUTION CONTROL PLAN (WPCP). THE WPCP SHALL BE PREPARED IN ACCORDANCE WITH THE GUIDELINES IN APPENDIX E OF THE CITY'S STORM WATER STANDARDS.



SITE PLAN

SCALE:
 1"=50'

2

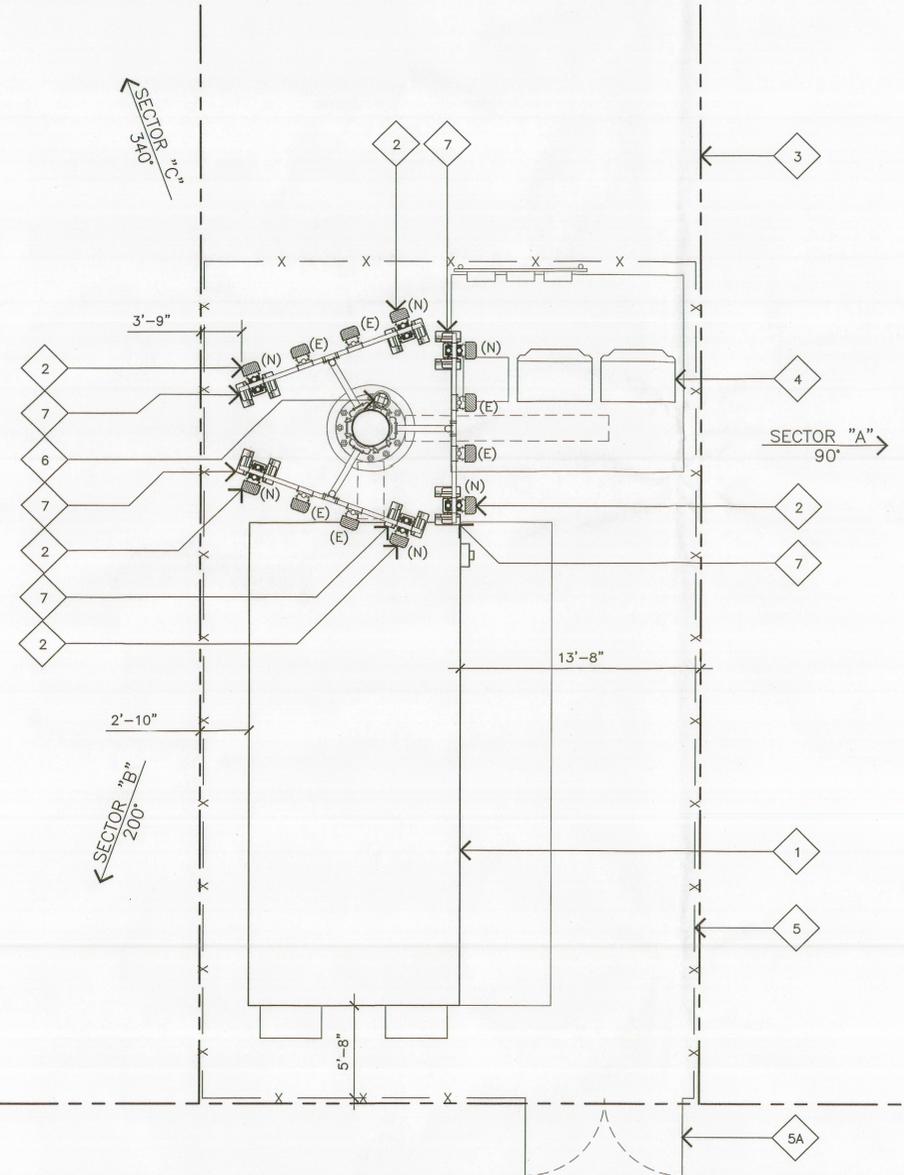
ENLARGED SITE PLAN

ENLARGED SITE PLAN KEYNOTES

- 1 (E) AT&T EQUIPMENT SHELTER; SEE SHEET A-1.
- 2 (N) (4) AT&T ANTENNAS PER SECTOR TO REPLACE (E) (6) ANTENNAS MOUNTED TO (E) MONOPOLE; SEE DETAILS 1/A-4 & 4/A-4.
- 3 (E) PROPERTY LINE.
- 4 (E) OTHER CARRIER EQUIPMENT LEASE AREA.
- 5 (E) CHAIN-LINK FENCE ENCLOSURE.
- 5A (E) CHAIN-LINK ACCESS GATE.
- 6 (N) (2) AT&T DC SURGE SUPPRESSORS; SEE DETAIL 3/A-4.
- 7 (N) (4) AT&T RRU'S PER SECTOR MOUNTED TO (E) MONOPOLE; SEE DETAIL 2/A-4.

ENLARGED SITE PLAN LEGEND

(E) EXISTING AT&T ANTENNA TO BE REPLACED.
 (N) NEW AT&T LTE ANTENNA.



EAST 90TH STREET



SCALE:
 3/32"=1'-0"

1

JRA

Jeffrey Rome & Associates, Inc.

Architecture & Telecommunications
 1 San Joaquin Plaza, Suite 250
 Newport Beach, California 92660
 Phone: (949) 760-3929
 Fax: (949) 760-3931

PROPRIETARY INFORMATION

THE INFORMATION CONTAINED IN THIS SET OF CONSTRUCTION DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO AT&T WIRELESS IS STRICTLY PROHIBITED.

STAMP



PREPARED FOR



BLACK & VEATCH

12750 CENTER COURT DRIVE
 SUITE #330
 CERRITOS, CA 90703

SITE NUMBER
LAC725 LTE
 SITE NAME
FIRESTONE / ALAMEDA

2105 EAST 90TH STREET
 LOS ANGELES, CALIFORNIA 90002

DRAWING DATES

10/08/10 REV. A (P1)
 10/26/10 REV. O (P2)

RFDS REVISION LEVEL XX

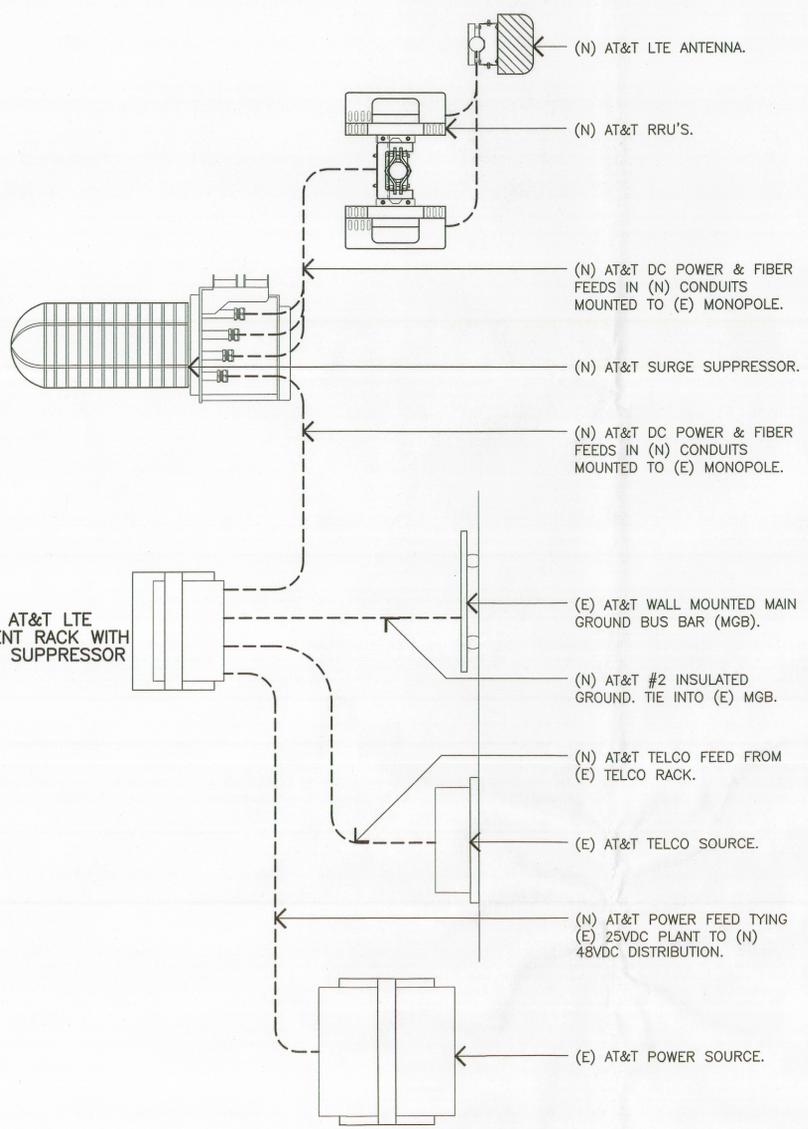
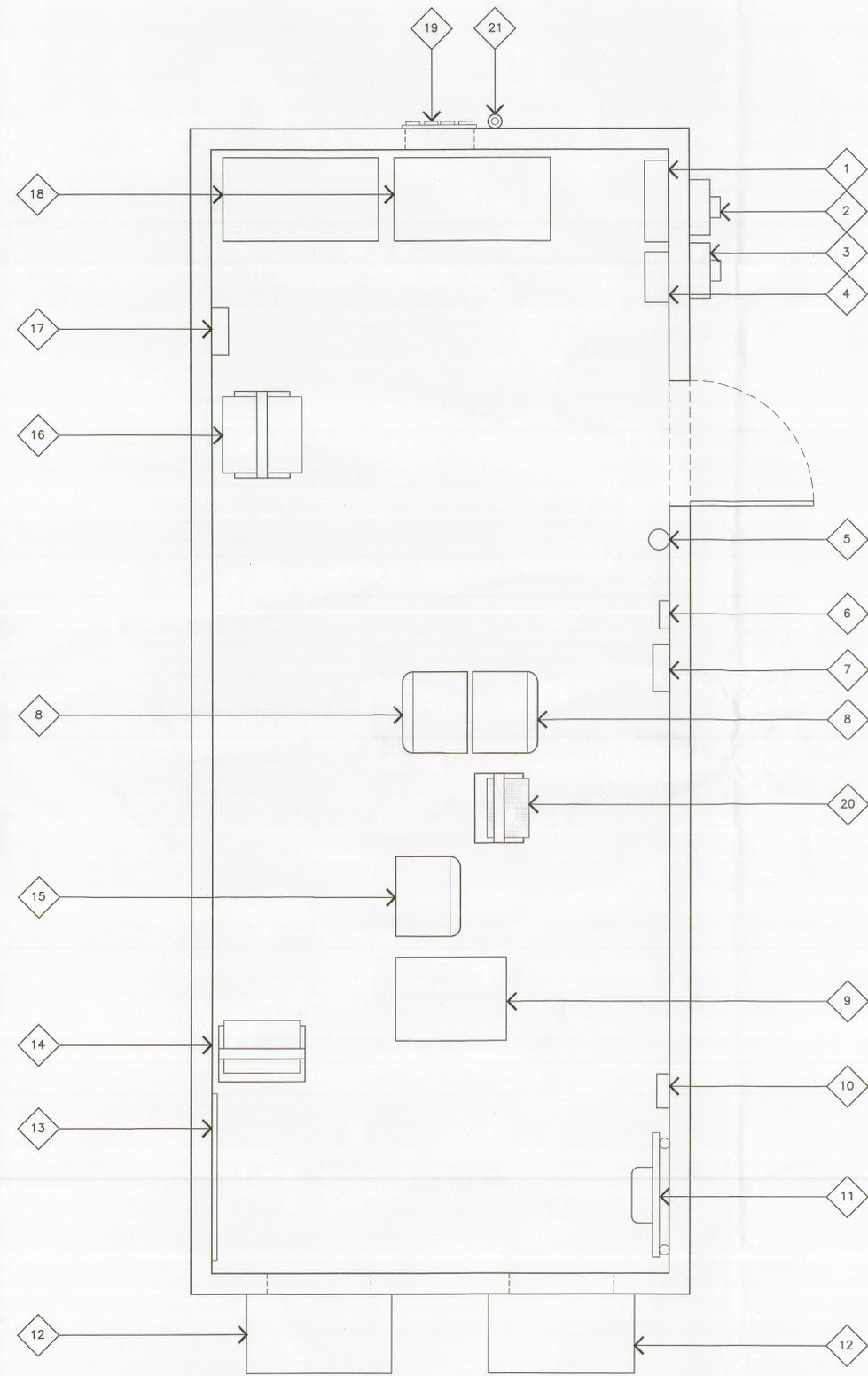
SHEET TITLE

SITE PLANS

A-0

EQUIPMENT SHELTER LAYOUT KEYNOTES

- 1 (E) AT&T MANUAL TRANSFER SWITCH.
- 2 (E) AT&T ELECTRICAL METER.
- 3 (E) OTHER CARRIER ELECTRICAL METER.
- 4 (E) AT&T ELECTRICAL PANEL.
- 5 (E) AT&T FIRE EXTINGUISHER.
- 6 (E) AC CONTROLS.
- 7 (E) AT&T ALARM PANEL.
- 8 (E) ERICSSON 3206 UMTS CABINET.
- 9 (E) AT&T 850/1900 ERICSSON GSM CABINET.
- 10 (E) AT&T FIBER BOARD.
- 11 (E) AT&T CIENA PANEL.
- 12 (E) AT&T WALL MOUNTED A/C UNIT.
- 13 (E) AT&T TELCO BOARD.
- 14 (E) AT&T DATA FIF RACK.
- 15 (E) ERICSON 2206 EQUIPMENT CABINET.
- 16 (E) AT&T 24VDC ARGUS RECTIFIER CABINET WITH (N) 250 AMP BREAKER.
- 17 (E) AT&T BATTERY DISCONNECT.
- 18 (E) AT&T BATTERY RACKS.
- 19 (E) AT&T WAVEGUIDE ENTRY PORT.
- 20 (N) 19" AT&T LTE EQUIPMENT RACK WITH SURGE SUPPRESSOR AND 48VDC CONVERTER AND DISTRIBUTOR; SEE SHEET A-3.
- 21 (N) AT&T GPS ANTENNA MOUNTED ON (E) SHELTER; SEE DETAIL 5/A-4.



NOTE
SEE PLANS FOR ACTUAL EQUIPMENT LOCATION.

EQUIPMENT DIAGRAM

SCALE: NONE 3

SECTOR	EXISTING ANTENNAS	EXISTING ANTENNA TO BE REMOVED	NEW ANTENNAS	ANTENNA MODEL	ANTENNA ORIENTATION	DISTANCE FOR COAX AND FIBER (± 5')
SECTOR A	2	2	4	POWERWAVE P65-17-XLH-RR	90°	75'
SECTOR B	2	2	4	POWERWAVE P65-17-XLH-RR	200°	75'
SECTOR C	2	2	4	POWERWAVE P65-17-XLH-RR	340°	75'

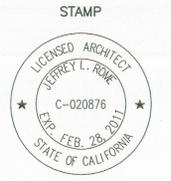
ANTENNA SCHEDULE

SCALE: NONE 2

EQUIPMENT SHELTER LAYOUT

SCALE: 1/2"=1'-0" 0 1' 2' 1

PROPRIETARY INFORMATION
THE INFORMATION CONTAINED IN THIS SET OF CONSTRUCTION DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO AT&T WIRELESS IS STRICTLY PROHIBITED.



PREPARED FOR
BLACK & VEATCH
12750 CENTER COURT DRIVE
SUITE #330
CERRITOS, CA 90703

SITE NUMBER
LAC725 LTE
SITE NAME
FIRESTONE / ALAMEDA
2105 EAST 90TH STREET
LOS ANGELES, CALIFORNIA 90002

DRAWING DATES
10/08/10 REV. A (P1)
10/26/10 REV. 0 (P2)

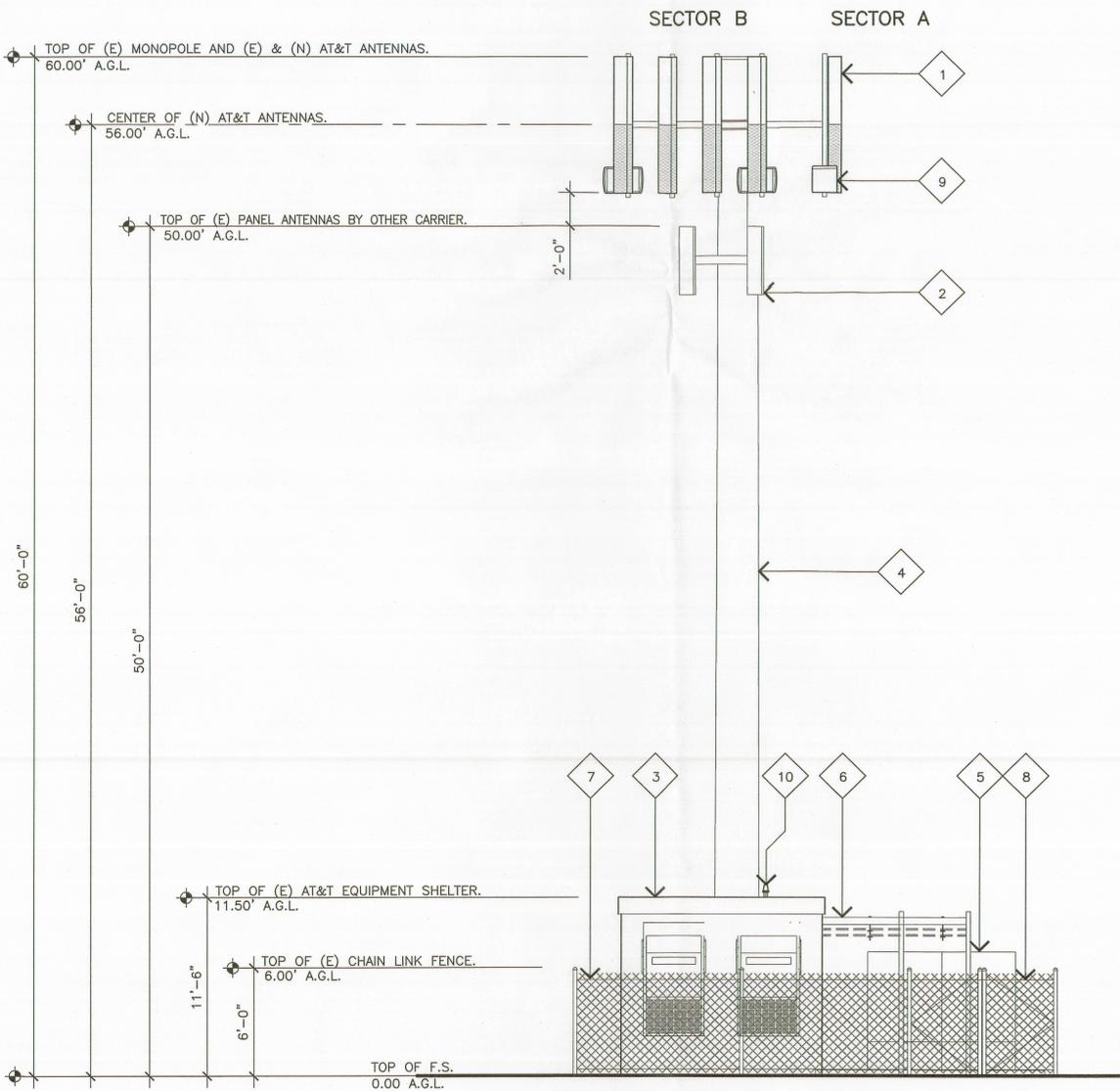
RFDS REVISION LEVEL XX

SHEET TITLE

EQUIPMENT SHELTER LAYOUT

ELEVATION KEYNOTES

- 1 (N) (4) 8'-0" AT&T ANTENNAS PER SECTOR TO REPLACE (E) (2) 4'-0" ANTENNAS PER SECTOR MOUNTED ON (E) MONOPOLE.
- 2 (E) OTHER CARRIER ANTENNAS.
- 3 (E) AT&T EQUIPMENT SHELTER.
- 4 (E) AT&T MONOPOLE.
- 5 (E) AT&T OTHER CARRIER OUTDOOR EQUIPMENT.
- 6 (E) OTHER CARRIER COAX CABLE BRIDGE.
- 7 (E) 6'-0" HIGH CHAIN LINK FENCE.
- 8 (E) CHAIN LINK ACCESS GATE.
- 9 (N) (4) AT&T RRU'S PER SECTOR MOUNTED ON (E) MONOPOLE.
- 10 (N) AT&T GPS ANTENNA MOUNTED TO (E) EQUIPMENT SHELTER.



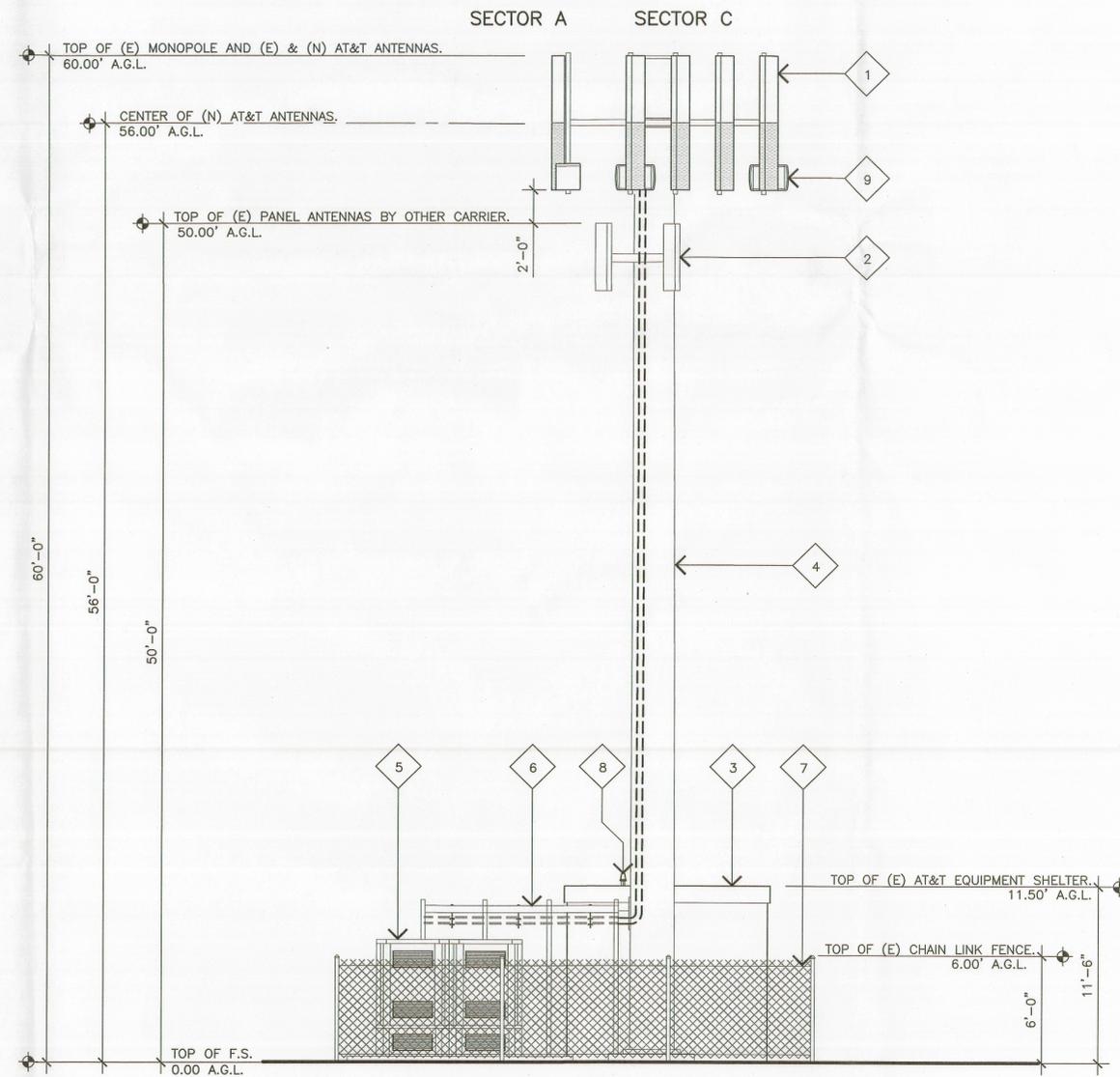
SOUTH ELEVATION

SCALE:
3/16"=1'-0" 0 3' 6'

2

ELEVATION KEYNOTES

- 1 (N) (4) 8'-0" AT&T ANTENNAS PER SECTOR TO REPLACE (E) (2) 4'-0" ANTENNAS PER SECTOR MOUNTED ON (E) MONOPOLE.
- 2 (E) OTHER CARRIER ANTENNAS.
- 3 (E) AT&T EQUIPMENT SHELTER.
- 4 (E) AT&T MONOPOLE.
- 5 (E) AT&T OTHER CARRIER OUTDOOR EQUIPMENT.
- 6 (E) OTHER CARRIER COAX CABLE BRIDGE.
- 7 (E) 6'-0" HIGH CHAIN LINK FENCE.
- 8 (N) AT&T GPS ANTENNA MOUNTED TO (E) EQUIPMENT SHELTER.
- 9 (N) (4) AT&T RRU'S PER SECTOR MOUNTED ON (E) MONOPOLE.



NORTH ELEVATION

SCALE:
3/16"=1'-0" 0 3' 6'

1

JRA

Jeffrey Rome & Associates, Inc.

Architecture & Telecommunications
1 San Joaquin Plaza, Suite 250
Newport Beach, California 92660
Phone: (949) 760-3929
Fax: (949) 760-3931

PROPRIETARY INFORMATION

THE INFORMATION CONTAINED IN THIS SET OF CONSTRUCTION DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO AT&T WIRELESS IS STRICTLY PROHIBITED.

STAMP



PREPARED FOR



BLACK & VEATCH

12750 CENTER COURT DRIVE
SUITE #330
CERRITOS, CA 90703

SITE NUMBER
LAC725 LTE
SITE NAME
FIRESTONE / ALAMEDA

2105 EAST 90TH STREET
LOS ANGELES, CALIFORNIA 90002

DRAWING DATES

10/08/10 REV. A (P1)
10/26/10 REV. 0 (P2)

RFDS REVISION LEVEL XX

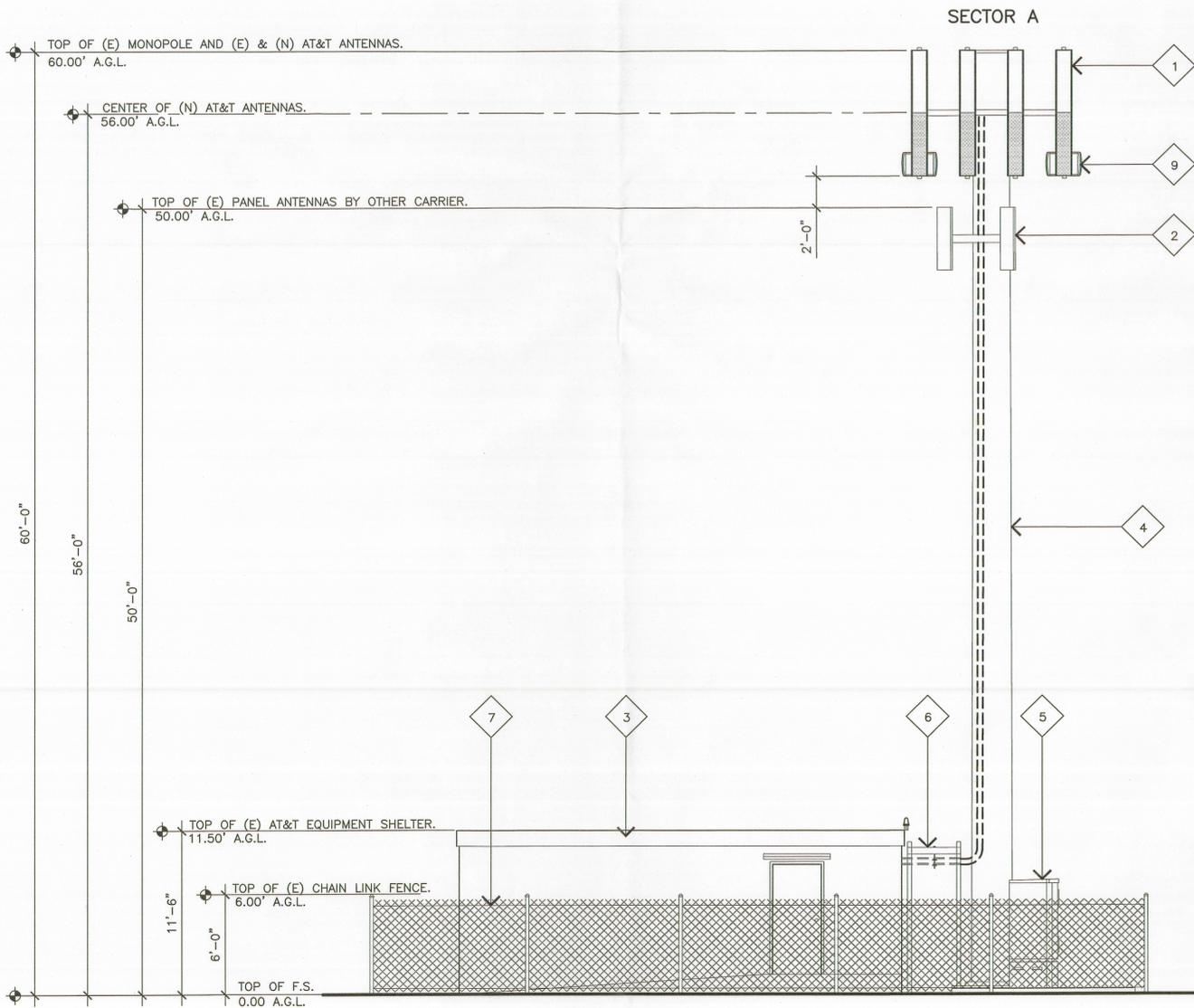
SHEET TITLE

ELEVATIONS

A-2

ELEVATION KEYNOTES

- 1 (N) (4) 8'-0" AT&T ANTENNAS PER SECTOR TO REPLACE (E) (2) 4'-0" ANTENNAS PER SECTOR MOUNTED ON (E) MONOPOLE.
- 2 (E) OTHER CARRIER ANTENNAS.
- 3 (E) AT&T EQUIPMENT SHELTER.
- 4 (E) AT&T MONOPOLE.
- 5 (E) AT&T OTHER CARRIER OUTDOOR EQUIPMENT.
- 6 (E) AT&T COAX CABLE BRIDGE.
- 7 (E) 6'-0" TALL CHAIN LINK FENCE.
- 8 (N) AT&T GPS ANTENNA MOUNTED TO (E) EQUIPMENT SHELTER.
- 9 (N) (4) AT&T RRU'S PER SECTOR MOUNTED ON (E) MONOPOLE.



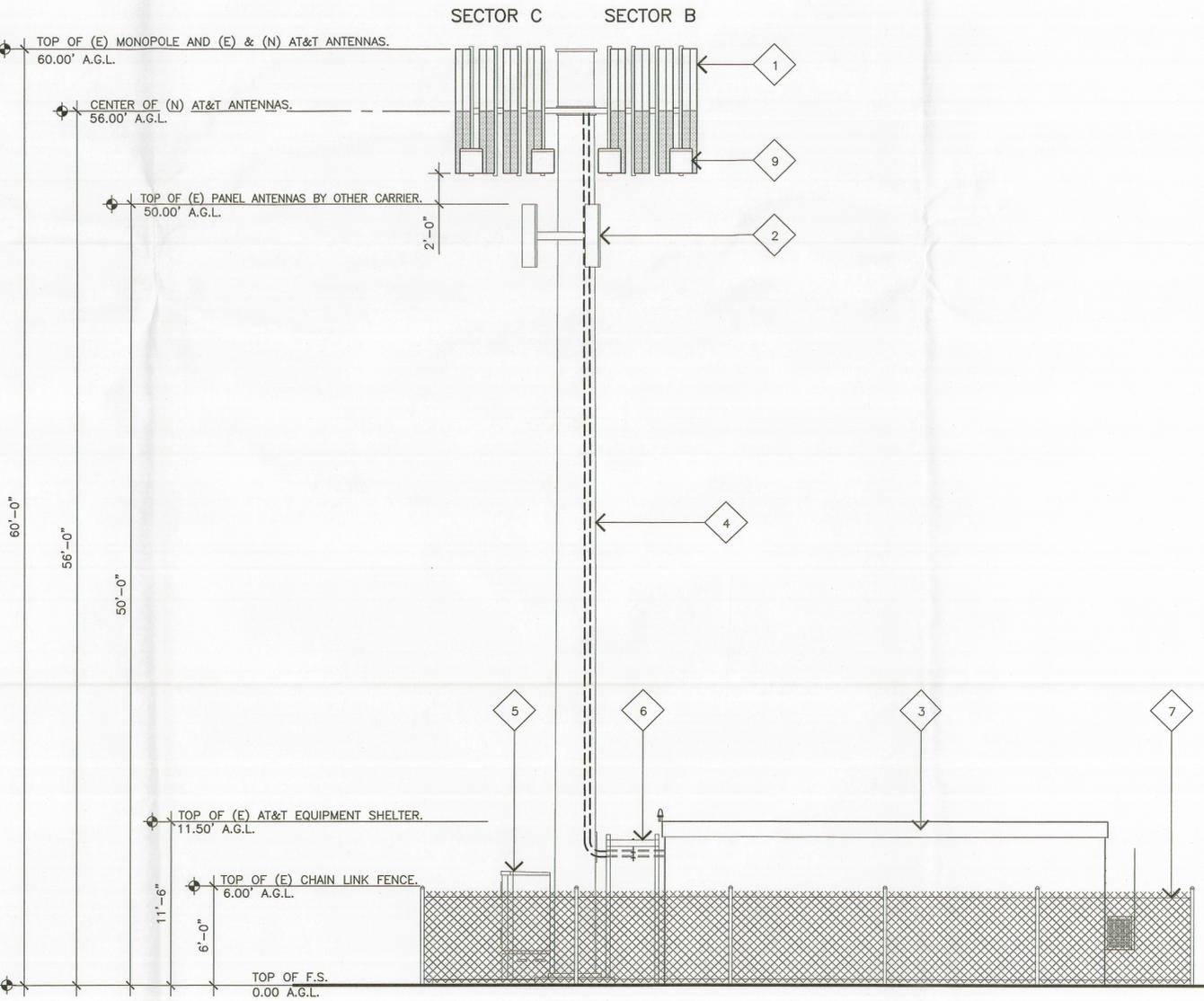
EAST ELEVATION

SCALE:
3/16"=1'-0" 0 3' 6'

2

ELEVATION KEYNOTES

- 1 (N) (4) 8'-0" AT&T ANTENNAS PER SECTOR TO REPLACE (E) (2) 4'-0" ANTENNAS PER SECTOR MOUNTED ON (E) MONOPOLE.
- 2 (E) OTHER CARRIER ANTENNAS.
- 3 (E) AT&T EQUIPMENT SHELTER.
- 4 (E) AT&T MONOPOLE.
- 5 (E) AT&T OTHER CARRIER OUTDOOR EQUIPMENT.
- 6 (E) AT&T COAX CABLE BRIDGE.
- 7 (E) 6'-0" TALL CHAIN LINK FENCE.
- 8 (N) AT&T GPS ANTENNA MOUNTED TO (E) EQUIPMENT SHELTER.
- 9 (N) (4) AT&T RRU'S PER SECTOR MOUNTED ON (E) MONOPOLE.



WEST ELEVATION

SCALE:
3/16"=1'-0" 0 3' 6'

1

JRA

Jeffrey Rome & Associates, Inc.

Architecture & Telecommunications
1 San Joaquin Plaza, Suite 250
Newport Beach, California 92660
Phone: (949) 760-3929
Fax: (949) 760-3931

PROPRIETARY INFORMATION

THE INFORMATION CONTAINED IN THIS SET OF CONSTRUCTION DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO AT&T WIRELESS IS STRICTLY PROHIBITED.

STAMP



PREPARED FOR



BLACK & VEATCH

12750 CENTER COURT DRIVE
SUITE #330
CERRITOS, CA 90703

SITE NUMBER
LAC725 LTE
SITE NAME
FIRESTONE / ALAMEDA

2105 EAST 90TH STREET
LOS ANGELES, CALIFORNIA 90002

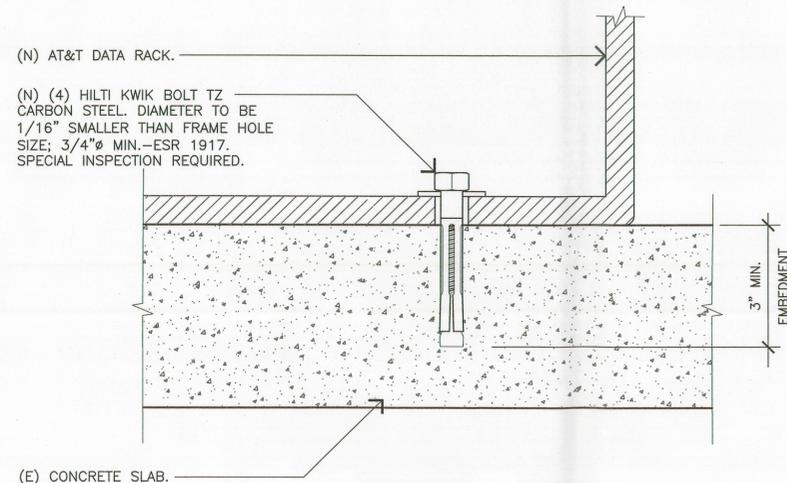
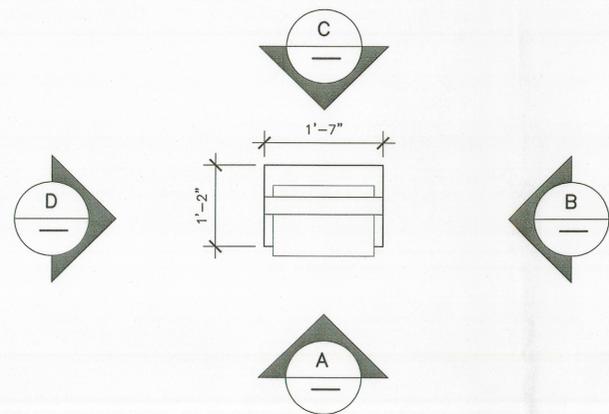
DRAWING DATES
10/08/10 REV. A (P1)
10/26/10 REV. O (P2)

RFDS REVISION LEVEL XX

SHEET TITLE

ELEVATIONS

A-2.1



EQUIPMENT FLOOR PLAN GENERAL NOTES

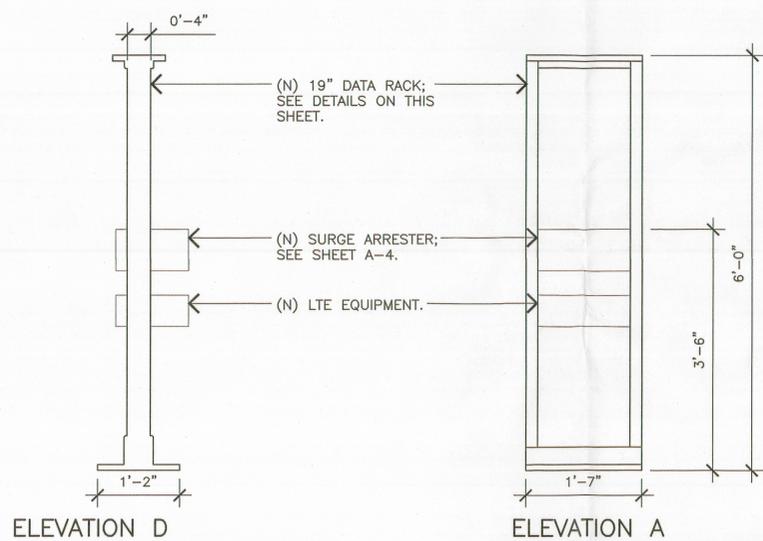
- A CONTRACTOR TO PROVIDE ALL COAX CABLE AND JUMPERS WHERE REQUIRED AND CONNECT TO (N) LTE CABINET.
- B CONTRACTOR TO RUN ALL CABLES AND LINES IN (E) CABLE TRAY. (E) TRAY NOT SHOWN FOR CLARITY OF PLAN VIEW.
- C CONTRACTOR TO PICK-UP AND DELIVER CABINET TO SITE INSIDE EQUIPMENT ROOM OR OUTSIDE AS SHOWN.
- D CONTRACTOR TO USE BASE PLINTH AS TEMPLATE FOR DRILLING (N) ANCHOR HOLES.
- E AT&T TO ORDER AND TEST ALL (N) T-1'S, RF TO DETERMINE HOW MANY (N) T-1'S REQUIRED. CONTRACTOR TO PULL (N) T-1'S FROM (E) DMARC TO DSX PANEL.
- F CONTRACTOR TO PROVIDE AND CONNECT TO (N) LTE CABINET GROUNDING CABLES AND INTEGRATE INTO THE (E) NETWORK. UPON COMPLETION OF INTEGRATION CONTRACTOR SHALL OPTIMIZE THE (N) EQUIPMENT.
- G (N) AND OR (E) LINES CONNECTING TO LTE CABINET ARE SHOWN DIAGRAMMATICALLY. CONTRACTOR TO RUN LINES IN CABLE LADDER NOT SHOWN FOR CLARITY.

EQUIPMENT ANCHORAGE

SCALE: NONE **4**

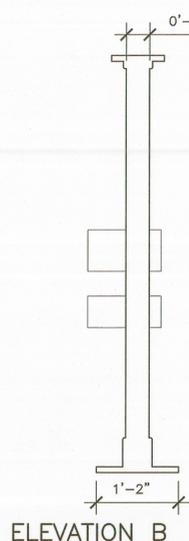
GENERAL NOTES

SCALE: NONE **3**

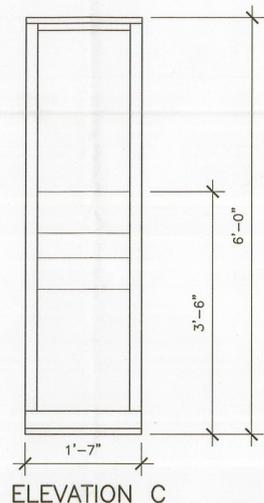


ELEVATION D

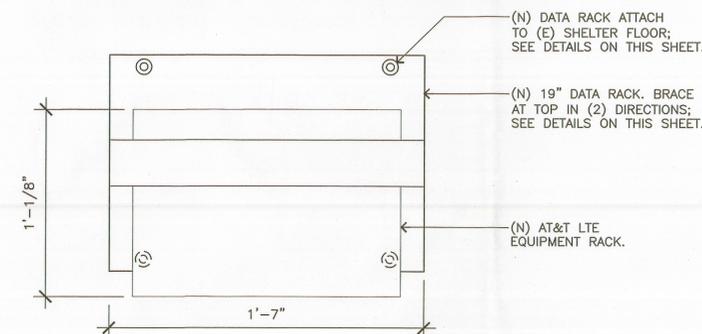
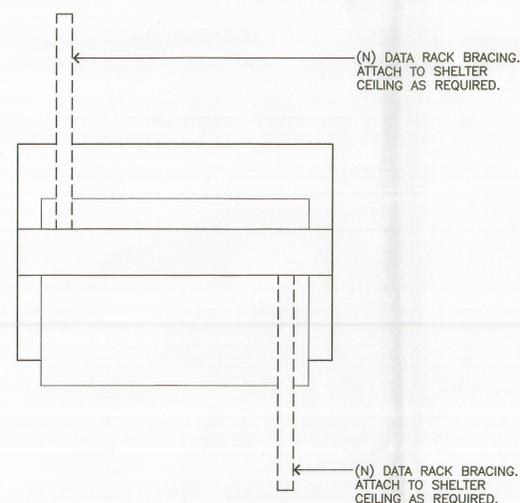
ELEVATION A



ELEVATION B



ELEVATION C



LTE DATA RACK

SCALE: NONE **5**

DATA RACK WITH BRACINGS

SCALE: NONE **2**

DATA RACK ANCHORAGE

SCALE: NONE **1**

PROPRIETARY INFORMATION

THE INFORMATION CONTAINED IN THIS SET OF CONSTRUCTION DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO AT&T WIRELESS IS STRICTLY PROHIBITED.

STAMP



PREPARED FOR



BLACK & VEATCH

12750 CENTER COURT DRIVE
SUITE #330
CERRITOS, CA 90703

SITE NUMBER
LAC725 LTE

SITE NAME
FIRESTONE / ALAMEDA

2105 EAST 90TH STREET
LOS ANGELES, CALIFORNIA 90002

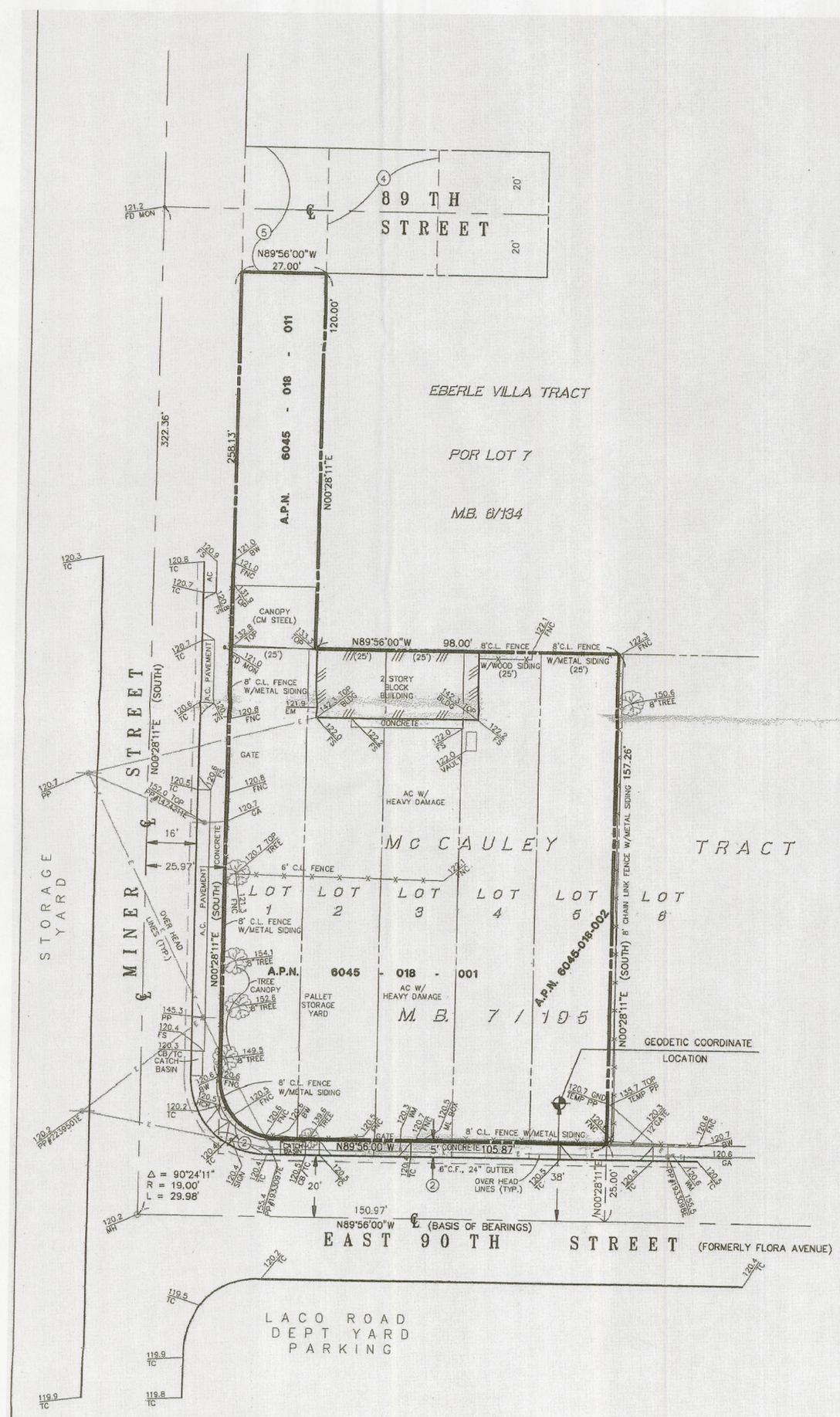
DRAWING DATES

10/08/10 REV. A (P1)
10/26/10 REV. O (P2)

RFDS REVISION LEVEL XX

SHEET TITLE

EQUIPMENT DETAILS



LEGEND

— x —	CHAIN LINK FENCE
TC	TOP OF CURB
FL	FLOW LINE
FS	FINISH SURFACE
BW	BACK OF WALK
WM	WATER METER
MH	MAN HOLE
GND	NATURAL GRADE
PP	POWER POLE
GA	GUY ANCHOR
FNC	FENCE
EM	ELECTRICAL METER

LEGAL DESCRIPTION

PARCEL A:
 THE WESTERLY 27.00 FEET OF THE SOUTHERLY 180 FEET OF LOT 7 OF THE EBERLE VILLA TRACT, IN THE COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 6, PAGE 134 OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.

PARCEL B:
 LOTS 1, 2, 3, 4 AND 5 OF THE McCAULEY TRACT, IN THE COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 7, PAGE 195 OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.

EASEMENT NOTES

- EASEMENTS SHOWN HEREON ARE BASED ON COMMONWEALTH LAND TITLE INSURANCE COMPANY PRELIMINARY TITLE REPORT NO. 1611306-20 DATED AUGUST 14, 1996.
- AN EASEMENT FOR PUBLIC STREET, ROAD OR HIGHWAY PURPOSES RECORDED SEPTEMBER 24, 1971 AS INSTRUMENT NOS. 2900, 2901, 2902, 2903 AND 2904, OFFICIAL RECORDS.
 - THE RIGHTS OF THE PUBLIC TO USE ANY PORTION OF SAID LAND THAT LIES WITHIN ANY PUBLIC STREET OR HIGHWAY. (NOT PLOTTABLE FROM RECORD).
 - AN EASEMENT FOR INGRESS AND EGRESS PURPOSES RECORDED JUNE 7, 1926 IN BOOK 4643, PAGE 118, OFFICIAL RECORDS.
 - AN EASEMENT TO THE COUNTY OF LOS ANGELES FOR PUBLIC ROAD AND HIGHWAY PURPOSES RECORDED JUNE 29, 1926 IN BOOK 5677, PAGE 301, OFFICIAL RECORDS.

COORDINATES

LATITUDE: 33°57'18" N.
 LONGITUDE: 118°13'59" W.
 PER SOUTH GATE QUADRANGLE MAP 1927 N.A.D.

ASSESSOR'S IDENTIFICATION

L.A. CO. ASSESSOR'S PARCEL NO. 6045-018-001, 002 & 011

TITLE REPORT IDENTIFICATION:

COMMONWEALTH LAND TITLE INSURANCE COMPANY PRELIMINARY TITLE REPORT NO. 1611306-20 DATED AUGUST 14, 1996.

AREA

22,818 SQ.FT. = 0.5238 ACRES

DATE OF SURVEY

AUGUST 15, 1996

BENCH MARK

LOS ANGELES COUNTY B.M. #Y 5771
 CS MON IN SW CONC LEG OF EDISON TOWER
 #285 D3 10M E/O C/L ALAMEDA ST (E BBL) &
 36M N/O C/L SOUTHERN AVE MKD (LC 769 1945)
 ELEV.=121.939 FEET (1995 ADJ.)

BASIS OF BEARINGS

THE CENTERLINE OF 90TH STREET (FORMERLY FLORA AVENUE) BEING N.89°56'00"W PER THE Mc CAULEY TRACT, M.B. 7 / 95, RECORDS OF LOS ANGELES COUNTY.

JRA
 Jeffrey Rome & Associates, Inc.
 Architecture & Telecommunications
 1 San Joaquin Plaza, Suite 250
 Newport Beach, California 92660
 Phone: (949) 760-3929
 Fax: (949) 760-3931

PROPRIETARY INFORMATION
 THE INFORMATION CONTAINED IN THIS SET OF CONSTRUCTION DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO AT&T WIRELESS IS STRICTLY PROHIBITED.

STAMP



PREPARED FOR

BLACK & VEATCH

12750 CENTER COURT DRIVE
 SUITE #330
 CERRITOS, CA 90703

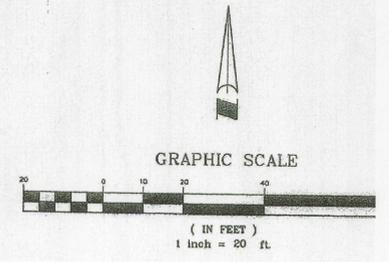
SITE NUMBER
LAC725 LTE
 SITE NAME
FIRESTONE / ALAMEDA
 2105 EAST 90TH STREET
 LOS ANGELES, CALIFORNIA 90002

DRAWING DATES
 10/08/10 REV. A (P1)
 10/26/10 REV. 0 (P2)

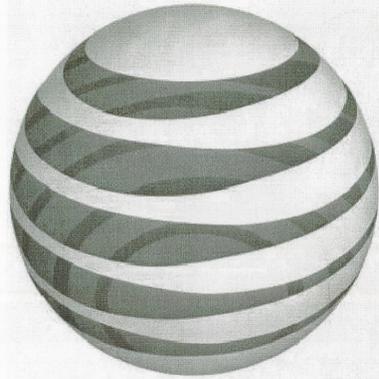
RFDS REVISION LEVEL XX

SHEET TITLE

TOPOGRAPHIC SURVEY



C-1



at&t

SITE NUMBER: LAC725 LTE
SITE NAME: FIRESTONE / ALAMEDA
SITE USID: 12060
SITE ADDRESS: 2105 EAST 90TH STREET
 LOS ANGELES, CALIFORNIA 90002

JRA

Jeffrey Rome & Associates, Inc.

Architecture & Telecommunications
 1 San Joaquin Plaza, Suite 250
 Newport Beach, California 92660
 Phone: (949) 760-3929
 Fax: (949) 760-3931

PROPRIETARY INFORMATION

THE INFORMATION CONTAINED IN THIS SET OF CONSTRUCTION DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO AT&T WIRELESS IS STRICTLY PROHIBITED.

STAMP



PREPARED FOR



BLACK & VEATCH

12750 CENTER COURT DRIVE
 SUITE #330
 CERRITOS, CA 90703

SPECIAL INSPECTIONS

1	CONCRETE	13.1	VERIFY SOIL CONDITIONS ARE SUBSTANTIALLY IN CONFORMANCE WITH THE SOIL INVESTIGATION REPORT
2	BOLTS INSTALLED IN CONCRETE	13.2	VERIFY THAT FOUNDATION EXCAVATIONS EXTEND TO PROPER DEPTH AND BEARING STRATA
3	CONCRETE MOMENT-RESISTING SPACE FRAME REINFORCING STEEL AND PRESTRESSING STEEL	13.3	PROVIDE SOIL COMPACTION TEST RESULTS, DEPTH OF FILL, RELATIVE DENSITY, BEARING VALUES
5.1	ALL STRUCTURAL WELDING	13.4	PROVIDE SOIL EXPANSION TEST RESULTS, EXPANSION INDEX, RECOMMENDATIONS FOR FOUNDATIONS, ON-GRADE FLOOR SLAB DESIGN FOR EACH BUILDING SITE
5.2	WELD TESTING DUCTILE MOMENT-RESISTING STEEL FRAME	14	SMOKE CONTROL SYSTEM
5.3	WELDING REINFORCING STEEL	15	SPECIAL CASES (DESCRIBE)
6	HIGH-STRENGTH BOLTING	16	OFF-SITE FABRICATION OF BUILDING COMPONENTS
7	STRUCTURAL MASONRY	17	OTHER SPECIAL INSPECTIONS AS REQUIRED BY DESIGNER
8	REINFORCED GYPSUM CONCRETE		
9	INSULATING CONCRETE FILL		
10	SPRAY-APPLIED FIREPROOFING		
11	DEEP FOUNDATIONS (PILING, DRILLED & CAISSONS)		
12	SHOTCRETE		

NO.	DESCRIPTION OF TYPE OF INSPECTION REQUIRED, LOCATION, REMARKS.

CONSULTANT TEAM

CONSULTANT:
BLACK & VEATCH
 12750 CENTER COURT DRIVE, SUITE 330
 CERRITOS, CALIFORNIA 90703
PROJECT MANAGER: LESLIE PARAMO
MOBILE: (913) 428-6704
OFFICE: (562) 402-2652 EXT. 27
CONSTRUCTION MANAGER: VIC LIERA
MOBILE: (562) 207-8275
ZONING MANAGER: CIA PARKER
OFFICE: (562) 274-2975

CONTACTS:
WESTOWER
 4445 EASTGATE MALL, SUITE 200
 SAN DIEGO, CALIFORNIA 92121
OFFICE: (714) 947-1280
FAX: (619) 393-0606
SITE ACQUISITION:
CONTACT: PATRICK INKMANN
MOBILE: (949) 400-6368
PLANNER:
CONTACT: JIM TODARO
MOBILE: (949) 350-4712

ARCHITECT:
JEFFREY ROME & ASSOCIATES
 1 SAN JOAQUIN PLAZA, SUITE 250
 NEWPORT BEACH, CALIFORNIA 92660
OFFICE: (949) 760-3929
MOBILE: (562) 355-7415
FAX: (949) 760-3931
CONTACT: RICH BRUNET

DEVELOPMENT SUMMARY

APPLICANT: AT&T MOBILITY
 12900 PARK PLAZA DRIVE
 CERRITOS, CALIFORNIA 90703
PROPERTY OWNER: DARMIENTO, FRANK R III & ORLINDA E.
 2107 E 90TH STREET
 LOS ANGELES, CALIFORNIA 90002
OTHER ON-SITE TELECOM FACILITIES: YES
PROJECT ADDRESS: 2105 E. 90TH STREET
 LOS ANGELES, CALIFORNIA 90002
ASSESSORS PARCEL NUMBER: 6045-018-801
LATITUDE: 33° 57' 18.4"
LONGITUDE: 118° 14' 02.6"
LAT/LONG TYPE: NAD-83
EXISTING ZONING: M-1
PROPOSED PROJECT AREA: NO INCREASE IN S.F.
EXISTING TYPE OF CONSTRUCTION: TYPE V-B
PROPOSED TYPE OF CONSTRUCTION: TYPE V-B
EXISTING OCCUPANCY: U-2
PROPOSED OCCUPANCY: U-2
JURISDICTION: COUNTY OF LOS ANGELES

SHEET INDEX

T-1 TITLE SHEET
 T-2 SPECIFICATIONS AND NOTES
 A-0 SITE PLANS
 A-1 EQUIPMENT SHELTER LAYOUT
 A-2 ELEVATIONS
 A-2.1 ELEVATIONS
 A-3 EQUIPMENT DETAILS
 A-4 ANTENNA DETAILS
 C-1 TOPOGRAPHIC SURVEY (FOR REFERENCE ONLY)

APPLICABLE CODES

ALL WORK SHALL COMPLY WITH THE FOLLOWING APPLICABLE CODES:

CALIFORNIA FIRE CODE, 2007 EDITION
 CALIFORNIA BUILDING CODE, 2007 EDITION
 CALIFORNIA PLUMBING CODE, 2007 EDITION
 CALIFORNIA MECHANICAL CODE, 2007 EDITION
 NATIONAL ELECTRICAL CODE, 2007 EDITION

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

SITE NUMBER

LAC725 LTE

SITE NAME

FIRESTONE / ALAMEDA

2105 EAST 90TH STREET
 LOS ANGELES, CALIFORNIA 90002

DRAWING DATES

10/08/10 REV. A (P1)
 10/26/10 REV. 0 (P2)

RFDS REVISION LEVEL XX

SHEET TITLE

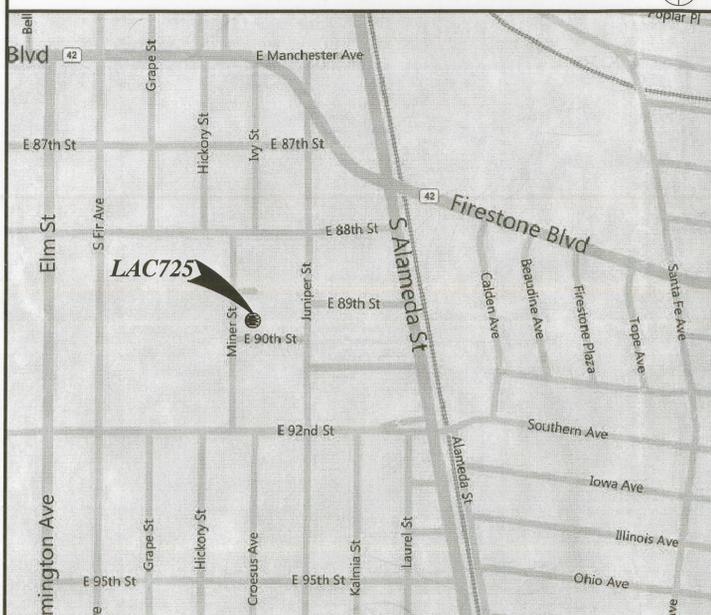
TITLE SHEET

SCALE

THE DRAWING SCALES SHOWN IN THIS SET REPRESENT THE CORRECT SCALE ONLY WHEN THESE DRAWINGS ARE PRINTED IN A 24"X36" FORMAT. IF THIS DRAWING SET IS NOT 24"X36", THIS SET IS NOT TO SCALE.

T-1

VICINITY MAP



APPROVALS

RF	DATE
ZONING	DATE
CONSTRUCTION	DATE
SITE ACQUISITION	DATE
OWNER APPROVAL	DATE

PROJECT DESCRIPTION

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

- INSTALL (2) (N) LTE OUTDOOR EQUIPMENT CABINETS.
- REMOVE (6) (E) ANTENNAS.
- REPLACE WITH (12) (N) ANTENNAS.
- INSTALL (1) (N) GPS ANTENNA.
- INSTALL (12) (N) RRU'S.
- INSTALL (2) (N) DC SURGE SUPPRESSORS.
- INSTALL (N) FIBER RUNS.
- INSTALL (N) DC RUNS.

ACCESSIBILITY DISCLAIMER

THIS PROJECT IS AN UNOCCUPIED WIRELESS PCS TELECOMMUNICATIONS FACILITY AND IS EXEMPT FROM DISABLED ACCESS REQUIREMENTS.

GENERAL SPECIFICATIONS

- THE LATEST EDITION OF THE AMERICAN INSTITUTE OF ARCHITECTS DOCUMENT A201 "GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION" ARE INCLUDED IN THESE SPECIFICATIONS AS IF COMPLETELY REPRODUCED HEREIN.
- THIS FACILITY IS AN UNOCCUPIED PCS TELECOMMUNICATIONS SITE AND IS EXEMPT FROM DISABLED ACCESS REQUIREMENTS.
- PRIOR TO THE SUBMISSION OF BIDS, THE CONTRACTORS PARTICIPATING SHALL VISIT THE JOB SITE AND FAMILIARIZE THEMSELVES WITH ALL FIELD CONDITIONS AFFECTING THE PROPOSED PROJECT INCLUDING DEMOLITION, ELECTRICAL, MECHANICAL AND STRUCTURAL INSTALLATIONS, AS WELL AS WITH THE CONSTRUCTION AND CONTRACT DOCUMENTS AND SHALL CONFIRM THAT THE PROJECT CAN BE ACCOMPLISHED AS SHOWN PRIOR TO PROCEEDING WITH CONSTRUCTION. SHOULD ANY ERRORS, OMISSION, OR DISCREPANCIES BE FOUND, THE GENERAL CONTRACTOR SHALL IMMEDIATELY NOTIFY AT&T WIRELESS CONSTRUCTION MANAGER AND THE ARCHITECT IN WRITING. IN THE EVENT OF DISCREPANCIES THE CONTRACTOR SHALL INCLUDE THE MORE COSTLY OR EXTENSIVE WORK IN THE BID, UNLESS SPECIFICALLY DIRECTED OTHERWISE. IF A DISCREPANCY EXISTS AND THE PROJECT MANAGER AND ARCHITECT ARE NOT NOTIFIED, THE GENERAL CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ALL COSTS INCURRED TO REPAIR OR CORRECT ALL PROBLEMS THAT RESULT.
- DRAWINGS SHALL NOT BE SEALED. THESE DRAWINGS ARE INTENDED TO BE DIAGRAMMATIC ONLY. FIGURED DIMENSIONS HAVE PRECEDENCE OVER DRAWING SCALE AND DETAIL DRAWINGS HAVE PRECEDENCE OVER SMALL SCALE DRAWINGS. CONTRACTOR SHALL CHECK ACCURACY OF ALL DIMENSIONS IN THE FIELD. UNLESS SPECIFICALLY NOTED, DO NOT FABRICATE ANY MATERIALS, OR BEGIN ANY CONSTRUCTION UNTIL THE ACCURACY OF DRAWING DIMENSIONS HAS BEEN VERIFIED AGAINST ACTUAL FIELD DIMENSIONS.
- THE CONTRACTOR SHALL INCLUDE IN HIS OR HER BID ALL MATERIALS, EQUIPMENT, APPURTENANCES AND LABOR NECESSARY TO COMPLETE THE WORK AS INDICATED OR IMPLIED BY THESE DRAWINGS.
- CONTRACTOR SHALL NOTIFY THE AT&T WIRELESS CONSTRUCTION MANAGER, THE PROPERTY OWNER AND THE ARCHITECT IF ANY DETAILS ARE CONSIDERED IMPRACTICAL, UNSUITABLE, UNSAFE, NOT WATERPROOF, OR NOT WITHIN CUSTOMARY TRADE PRACTICE. IF WORK IS PERFORMED, IT WILL BE ASSUMED THAT THERE IS NO OBJECTION TO ANY DETAIL. DETAILS ARE INTENDED TO SHOW THE END RESULT OF THE DESIGN. MINOR MODIFICATIONS MAY BE REQUIRED TO SUIT JOB CONDITIONS, AND SHALL BE INCLUDED AS PART OF THE WORK.
- EXISTING ELEVATIONS AND LOCATIONS TO BE JOINED SHALL BE VERIFIED BY THE CONTRACTOR BEFORE CONSTRUCTION. IF THEY DIFFER FROM THOSE SHOWN ON THE PLANS, THE CONTRACTOR SHALL NOTIFY THE AT&T WIRELESS CONSTRUCTION MANAGER AND THE ARCHITECT SO THAT MODIFICATIONS CAN BE MADE BEFORE PROCEEDING WITH THE WORK.
- THE CONTRACTOR SHALL VERIFY ALL TELEPHONE & RADIO EQUIPMENT LAYOUTS, SPECIFICATIONS, PERFORMANCE, INSTALLATION AND FINAL LOCATIONS WITH AT&T WIRELESS CONSTRUCTION MANAGER PRIOR TO BEGINNING WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING HIS WORK WITH ERICSSON RADIO SYSTEMS.
- ALL SYMBOLS & ABBREVIATIONS USED ON THE DRAWINGS ARE CONSIDERED CONSTRUCTION STANDARDS. IF THE CONTRACTOR HAS QUESTIONS REGARDING THEIR EXACT MEANING, THE AT&T WIRELESS CONSTRUCTION MANAGER AND THE ARCHITECT SHALL BE NOTIFIED FOR CLARIFICATION BEFORE THE CONTRACTOR PROCEEDS WITH THE WORK.
- THE CONTRACTOR SHALL OBTAIN AND PAY FOR PERMITS, LICENSES AND INSPECTIONS NECESSARY FOR PERFORMANCE OF THE WORK AND INCLUDE THOSE IN THE COST OF THE WORK TO AT&T WIRELESS.
- THE CONTRACTOR SHALL PROVIDE CONTINUOUS SUPERVISION WHILE ANY SUBCONTRACTORS OR WORKMEN ARE IN THE SUPERVISE AND DIRECT ALL WORK, USING HIS BEST SKILL AND ATTENTION. HE SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, PROCEDURES AND SEQUENCES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.
- WORKMANSHIP THROUGHOUT SHALL BE OF THE BEST QUALITY OF THE TRADE INVOLVED AND SHALL MEET OR EXCEED THE FOLLOWING MINIMUM REFERENCE STANDARDS FOR QUALITY AND PROFESSIONAL CONSTRUCTION PRACTICE:

NRCA	NATIONAL ROOFING CONTRACTORS ASSOCIATION O'HARE INTERNATIONAL CENTER 10255 W. HIGGINS ROAD, SUITE 600 ROSEMONT, IL 60018
SMACNA	SHEET METAL AND AIR CONDITIONING CONTRACTORS NATIONAL ASSOCIATION 4201 LAFAYETTE CENTER DRIVE CHATILLY, VA 22021-1209
ITLP	INTERNATIONAL INSTITUTE FOR LATH AND PLASTER 820 TRANSFER ROAD ST. PAUL, MN 55114-1406
- INSTALL ALL EQUIPMENT AND MATERIALS PER THE LATEST EDITION OF THE MANUFACTURER'S INSTALLATION SPECIFICATIONS UNLESS SPECIFICALLY OTHERWISE INDICATED, OR WHERE LOCAL CODES OR REGULATIONS TAKE PRECEDENCE.
- THE CONTRACTOR SHALL VERIFY, COORDINATE, AND PROVIDE ALL NECESSARY BLOCKING, BACKING, FRAMING, HANGARS OR OTHER SUPPORTS FOR ALL ITEMS REQUIRING THE SAME.
- THE CONTRACTOR AND ALL SUBCONTRACTORS SHALL GIVE ALL NOTICES AND SHALL COMPLY WITH ALL APPLICABLE LOCAL CODES, REGULATIONS, LAWS AND ORDINANCES AS WELL AS STATE DEPARTMENT OF INDUSTRIAL REGULATIONS AND DIVISION OF INDUSTRIAL SAFETY (OSHA) REQUIREMENTS.
- THE CONTRACTOR SHALL PROTECT THE PROPERTY OWNERS, AND AT&T WIRELESS PROPERTY FROM DAMAGE WHICH MAY OCCUR DURING CONSTRUCTION, ANY DAMAGE TO NEW AND EXISTING FINISHES, CONSTRUCTION, STRUCTURE, LANDSCAPING, CURBS, STAIRS, OR EQUIPMENT, ETC. SHALL BE IMMEDIATELY REPAIRED OR REPLACED TO THE SATISFACTION OF AT&T WIRELESS, AND THE PROPERTY OWNER'S REPRESENTATIVE, AT THE EXPENSE OF THE CONTRACTOR.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR, AND SHALL REPLACE OR REMEDY, ANY FAULTY, IMPROPER, OR INFERIOR MATERIALS OR WORKMANSHIP OR ANY DAMAGE WHICH SHALL APPEAR WITHIN ONE YEAR AFTER THE COMPLETION AND ACCEPTANCE OF THE WORK BY AT&T WIRELESS UNDER THIS CONTRACT.
- IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO LOCATE ALL EXISTING UTILITIES, OR CONTACT AN OUTSIDE AGENCY TO LOCATE ALL EXISTING UTILITIES, WHETHER SHOWN HEREIN OR NOT, AND TO PROTECT THEM FROM DAMAGE. THE CONTRACTOR SHALL BEAR ALL EXPENSES FOR THE REPAIR OR REPLACEMENT OF UTILITIES OR OTHER PROPERTY DAMAGED IN CONJUNCTION WITH THE EXECUTION OF WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE SECURITY OF THE PROJECT SITE WHILE THE JOB IS IN PROGRESS AND UNTIL THE JOB IS COMPLETED AND ACCEPTED BY AT&T WIRELESS.

PENETRATION AT FIRE RATED ASSEMBLIES

- AT THE AT&T WIRELESS PROJECT MANAGER'S DIRECTION, THE CONTRACTOR SHALL PROVIDE "MILTI" HIGH PERFORMANCE FIRE STOP SYSTEM #FS601 AT ALL FIRE RATED PENETRATIONS INSTALLED PER MANUFACTURER'S LATEST INSTALLATION SPECIFICATIONS.
- ALL PENETRATIONS THROUGH FIRE RATED ASSEMBLIES SHALL BE CONSTRUCTED SO AS TO MAINTAIN AN EQUAL OR GREATER FIRE RATING.

ROOFING & WATERPROOFING NOTES

- CONTRACTOR SHALL CONTACT BUILDING OWNER TO DETERMINE IF ROOF IS UNDER WARRANTY. CONTRACTOR SHALL GUARANTEE THAT ANY AND ALL NEW ROOFING WORK MEETS THE SPECIFICATION OF ANY EXISTING ROOFING WARRANTIES SUCH THAT THE WARRANTY IS NOT MADE INVALID AS A RESULT OF THIS WORK. IF IT IS DETERMINED THAT THE ARCHITECT'S DETAILING IS INADEQUATE OR IMPROPER OR IF ANY OTHER DISCREPANCY IS FOUND, THEY CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT AND THE AT&T WIRELESS PROJECT MANAGER IN WRITING. ULTIMATELY, THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLYING WITH THE ORIGINAL ROOF MANUFACTURER'S SPECIFICATIONS.
- CONTRACTOR SHALL USE METHODS AND MATERIALS SIMILAR AND COMPATIBLE WITH EXISTING MATERIALS & CONDITIONS FOR ROOF PATCHING, NEW PENETRATIONS, ETC.
- THE CONTRACTOR SHALL PROPERLY SEAL ALL NEW ROOF & BUILDING ENVELOPE PENETRATIONS SUCH THAT THE INTEGRITY OF THE ORIGINAL BUILDING ASSEMBLY AND ALL APPLICABLE WARRANTIES ARE MAINTAINED.
- IF IT DEEMED NECESSARY TO REMOVE EXISTING FINISHES AND/OR MATERIALS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR RECONSTRUCTING FINISHES AND MATERIALS TO LIKE-NEW CONDITION. CONTRACTOR SHALL MAINTAIN THE ORIGINAL COLORS, TEXTURES & FINISHES UNLESS SPECIFICALLY NOTED TO THE CONTRARY OR APPROVED BY THE AT&T WIRELESS CONSTRUCTION MANAGER IN ADVANCE.
- AT THE AT&T WIRELESS CONSTRUCTION MANAGER'S DIRECTION, THE CONTRACTOR SHALL PROVIDE ROOFTOP WALK PADS TO ALL NEW EQUIPMENT INCLUDING ANTENNAS AND BTS UNITS AND ALONG COAX CABLE ROUTING. ON CONVENTIONAL ROOFING, THE WALK PADS SHALL BE "DUCK BOARDS" AS MANUFACTURED BY APC OR EQUAL. ON SPECIAL ROOFING SYSTEMS SUCH AS SINGLE MEMBRANE ROOFS WILL REQUIRE A SPECIFIC PRODUCT AS NOTED ON PLANS OR AS REQUIRED BY NOTES 1 & 2 ABOVE.

PAINTING NOTES & SPECIFICATIONS

- 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 WIRELESS 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 ADJACENT 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.
 - CONTRACTOR SHALL CORRECT RUNS, SAGS, MISSES AND OTHER DEFECTS INCLUDING INADEQUATE COVERAGE AS DIRECTED BY THE AT&T WIRELESS CONSTRUCTION MANAGER. REPAINT AS NECESSARY TO ACHIEVE SURFACES WHICH ARE SMOOTH, EVENLY COATED WITH UNIFORM SHEEN AND FREE FROM BLEMISHES.
- PAINTING SCOPE
 - PAINT THE FOLLOWING MATERIALS AND SYSTEMS CHECKED BELOW WITH THE COATING SYSTEM INDICATED.

PAINTING SCOPE					
SURFACE TO BE PAINTED	COATING SYSTEM	PAINT	DO NOT PAINT	N/A	
BTS UNIT					
ALL EQUIPMENT & CABINETS OTHER THAN THE BTS UNIT					
ANTENNA COVERS, TEST BRACKETS, MOUNTING BRACKETS AND ASSOCIATED HARDWARE, CABLES AND CABLE COVERS EXPOSED TO VIEW, EXPOSED CONDUIT AND HANGERS, ETC.					
FLASHING UNITS, METAL TRIM AND OTHER METAL SURFACES					
STUCCO, CONCRETE, CONCRETE BLOCK AND CERAMIC/TILE TYPE FINISH SYSTEMS					
FRAMING LUMBER AND WOOD TRIM INCLUDING THE BACK SIDE OF ALL SCREENWALLS					
ORIGINAL CONCRETE POLES					
METAL POLES AND METAL POLE STAND-OFF					
 - 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 MIL DFT PER COAT APPLIED IN TWO COATS OVER SPECIFIED PRIMER. PAINT & PRIMER
 - ANTENNAS
 - 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
 - GALVANIZED 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
 - TOPCOAT - 2 COATS COROTHANE II POLYURETHANE B65W200/B60V2
 - PRE-PRIMED STEEL
 - TOUCH UP ANY RUST OR UN-PRIMED STEEL WITH KEM BOND HS, S50WZ4
 - 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 CONDITIONER B-46-W21000
 - TOPCOAT - SUPER PAINT 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 CLU-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

STRUCTURAL SPECIFICATIONS

- GENERAL

PRECEDENCE: UNLESS OTHERWISE SHOWN OR SPECIFIED, THE FOLLOWING GENERAL NOTES SHALL APPLY. INFORMATION ON THESE DRAWINGS SHALL HAVE THE FOLLOWING PRECEDENCE.

 - ALL DIMENSIONS TO TAKE PRECEDENCE OVER SCALE SHOWN ON PLANS, SECTIONS AND DETAILS.
 - NOTES AND DETAILS ON DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS.
 - MATERIAL NOTES AND SPECIFICATIONS ON THE DRAWINGS SHALL TAKE PRECEDENCE OVER THE SPECIFICATIONS.
- OTHER TRADES: SEE THE ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS NOT SHOWN.
- GENERAL DETAILS AND NOTES ON THESE SHEETS SHALL APPLY UNLESS SPECIFICALLY SHOWN OR NOTED OTHERWISE. CONSTRUCTION DETAILS NOT FULLY SHOWN OR NOTED SHALL BE SIMILAR TO DETAILS SHOWN FOR SIMILAR CONDITIONS.
- SAFETY: THESE STRUCTURAL DRAWINGS REPRESENT THE FINISHED STRUCTURE. UNLESS OTHERWISE INDICATED, THEY DO NOT INDICATE THE METHOD OF CONSTRUCTION.
- WATERPROOFING: WATERPROOFING AND DRAINAGE, DETAILS AND SPECIFICATIONS, ALTHOUGH SOMETIMES SHOWN ON STRUCTURAL DRAWING ARE OF GENERAL INFORMATION PURPOSES ONLY. WATERPROOFING AND DRAINAGE ARE SOLELY THE DESIGN RESPONSIBILITY OF THE ARCHITECT.
- STEEL
 - ALL STRUCTURAL STEEL SECTIONS AND WELDED PLATE MEMBERS SHALL CONFORM TO ASTM A-36 AND BE FABRICATED IN ACCORDANCE WITH THE SPECIFICATIONS OF THE AISC.
 - ALL BOLTS SHALL CONFORM TO ASTM A-307 UNLESS OTHERWISE NOTED ON PLANS. HIGH STRENGTH BOLTS SHALL CONFORM TO ASTM A-325
 - STEEL PIPE COLUMNS SHALL BE GRADE "B" CONFORMING TO ASTM A53.
 - STEEL TUBING SHALL BE GRADE "B" CONFORMING TO ASTM A500.
 - ALL WELDING SHALL BE DONE BY THE SHIELDED ARC METHOD. ALL WELDERS SHALL BE PROPERLY QUALIFIED AND BE PRE-APPROVED. SURPLUS METAL SHALL BE DRESSED OFF TO SMOOTH, EVEN SURFACES WHERE WELDS ARE NOT EXPOSED TO VIEW. ALL WELDING SHALL COMPLY WITH THE LATEST A.W.S. SPECIFICATIONS.
 - THE FOLLOWING WELDING EQUIPMENT MUST BE USED:
 - 250 AMP WELDERS.
 - B. ROD OVENS.
 - C. GRINDERS.
 - NO BUZZ BOXES SHALL BE USED.
 - ALL STRUCTURAL STEEL SHALL MILL CERTIFICATION. MILL CERTIFICATION SHALL BE KEPT ON THE JOB SITE FOR EXAMINATION BY THE DESIGN ENGINEER AND THE CITY INSPECTOR.
 - ALL HIGH STRENGTH BOLTS SHALL HAVE MILL CERTIFICATION. MILL CERTIFICATION SHALL BE KEPT ON THE JOB SITE FOR EXAMINATION BY THE INSPECTOR.
 - STEEL THAT HAD BEEN WELDED, CUT OR SCRATCHED IN THE FIELD SHALL BE TOUCHED UP WITH COLD GALVANIZING PAINT.
 - WELDING INDICATED IN THESE DRAWINGS IS DESIGNED FOR ONE HALF OF ALLOWABLE CODE STRESSES UNLESS SPECIFICALLY NOTED "FULL STRESS" AT END OF WELD SYMBOL.
- CONCRETE
 - STRENGTH: CONCRETE FOR THE PROJECT SHALL HAVE THE FOLLOWING ULTIMATE COMPRESSIVE STRENGTH AT AGE OF 28 DAYS:

LOCATION	STRENGTH	WT.	SLUMP	ADMIXTURE
A. SLAB&FOOTING	3000psi	150pcf	4"	NONE
 - INSPECTION: CONCRETE WITH SPECIFIED STRENGTH GREATER THAN 2500psi SHALL BE CONTINUOUSLY INSPECTED DURING PLACEMENT BY A DEPUTY INSPECTOR EMPLOYED BY A TESTING LABORATORY APPROVED BY THE BUILDING DEPT.
 - REBAR GRADES: REINFORCING STEEL SHALL BE CLEAN PERFORMED BARS CONFORMING TO ASTM A615 AS FOLLOWS:
 - #4 & SMALLER BARS.....GRADE 40
 - #5 & LARGER BARS.....GRADE 60
 - ALL BARS AT CAISSON FOOTING...GRADE 60
 - CEMENT: FOUNDATIONS & SLABS: TYPE V, LOW ALKALI, CONFORMING TO ASTM C-150. PIER/CAISSON FOOTINGS: TYPE V, LOW ALKALI, CONFORMING TO ASTM C-150.
 - AGGREGATE: USED IN THE CONCRETE SHALL CONFORM TO ASTM C-33. USE ONLY AGGREGATES KNOWN NOT TO CAUSE EXCESSIVE SHRINKAGE. THE MAXIMUM SIZE AGGREGATE IN CONCRETE WORK SHALL BE THE FOLLOWING:
 - FOUNDATIONS & SLABS 9" OR LESS: 3/4" GRAVEL
 - PIER/CAISSON FOOTING: 1" GRAVEL.
 - WATER: SHALL BE CLEAN AND FREE FROM DELETERIOUS AMOUNT OF ACIDS, ALKALIS, ORGANIC MATERIALS AND SHALL BE SUITABLE FOR HUMAN CONSUMPTION.
- MIXING: PREPARATION OF CONCRETE SHALL CONFORM TO ASTM C-94. NO MORE THAN 90 MINUTES SHALL ELAPSE BETWEEN CONCRETE BATCHING AND CONCRETE PLACEMENT UNLESS APPROVED BY A TESTING AGENCY.
- SEGREGATION OF AGGREGATES: CONCRETE SHALL NOT BE FLOPPED THROUGH REINFORCING STEEL (AS IN WALLS, COLUMNS, CAISSON, AND DROP CAPITALS) SO AS TO CAUSE SEGREGATION OF AGGREGATES. USE HOPPERS, CHUTES, TRUNKS OR PUMP HOSE SO THAT THE FREE UNCONFINED FALL OF CONCRETE SHALL NOT EXCEED 5 FT.
- SPLICES OF REINFORCING STEEL SHALL BE LAPPED A MINIMUM OF 30 DIAMETERS AND SECURELY WIRED TOGETHER. SPLICES OF ADJACENT REINFORCING BARS SHALL BE STAGGERED WHEREVER POSSIBLE.
- REAR CLEARANCE: MINIMUM COVERAGE FOR JOISTS, BEAMS, GIRDERS AND COLUMNS SHALL BE TO FACE OF STIRRUPS OR TIES. UNLESS OTHERWISE NOTED, CONCRETE COVERAGE FOR REINFORCING BARS TO FACE OF BAR SHALL BE AS FOLLOWS:

A. CONCRETE IN CONTACT WITH EARTH, UNFORMED	3"
B. CONCRETE IN CONTACT WITH EARTH, FORMED	2"
C. WALL, EXTERIOR FACE	1-1/2"
D. WALL, INTERIOR FACE	1"
E. STRUCTURAL SLABS	3/4"
F. JOISTS	3/4"
G. BEAMS, GIRDERS & COLUMNS	1-1/2"
- PENETRATIONS: NO SLEEVES OR CHASES SHALL BE PLACED IN BEAMS, SLABS, WALLS AND COLUMNS, EXCEPT THOSE SHOWN ON THE PLANS. CONTRACTOR SHALL OBTAIN PRIOR APPROVAL FOR INSTALLATIONS OF ANY ADDITIONAL SLEEVES OR CHASES. ALL PLUMBING, ELECTRICAL AND MECHANICAL OPENINGS SHALL BE SLEEVES. CORING IS NOT ALLOWED UNLESS PRIOR APPROVAL IS OBTAINED FROM THE STRUCTURAL ENGINEER.
- EMBEDDED ITEMS: CONDUIT PLACED IN A CONCRETE SLAB SHALL NOT HAVE AN OUTSIDE DIAMETER GREATER THAN 1/4 THE THICKNESS OF THE SLAB. CONDUIT SHALL NOT BE EMBEDDED IN A SLAB THAT IS LESS THAN 3-1/2" THICK, UNLESS SLAB IS LOCALLY THICKENED. MINIMUM CLEAR DISTANCE BETWEEN CONDUITS SHALL BE SIX INCHES.
- ANCHORING: ALL ANCHOR BOLTS, REINFORCING STEEL, DOWELS, INSERTS, ETC., SHALL BE WELL SECURED IN POSITION PRIOR TO PLACING CONCRETE. NO REPOSITIONING DURING CONCRETE POUR IS ALLOWED.
- CURING: SLABS SHALL BE SPRAYED WITH A CURING COMPOUND IMMEDIATELY AFTER FINISHING. CURING COMPOUNDS USED ON CONCRETE WHERE TILE OR FLOOR COVERING IS TO BE BONDED TO THE CONCRETE SURFACE SHALL BE APPROVED BY THE TILE OR FLOOR COVERING MANUFACTURER. KEEP SLAB WET FOR 7 DAY MINIMUM PERIOD.
- CONSOLIDATION: ALL CONCRETE SHALL BE VIBRATED AS IT IS BEING PLACED WITH ELECTRICALLY OPERATED VIBRATING EQUIPMENT.
 - TIMBER
 - ALL FRAMING LUMBER FOR 4X AND LARGER BEAMS SHALL BE NO. 1 GRADE DOUGLAS FIR, S45, UNLESS NOTED OTHERWISE ON THE DRAWINGS.
 - ALL FRAMING LUMBER FOR 2X RAFTERS AND JOISTS SHALL BE NO.2 GRADE DOUGLAS FIR, S45, UNLESS NOTED OTHERWISE ON DRAWINGS
 - STRIPPING, BLOCKING, BACKING AND OTHER NON-STRUCTURAL LUMBER SHALL BE NO. 2 OR STD & BTR GRADE DOUGLAS FIR, S45. 2X4 STUD WALLS SHALL BE D.F. STANDARD & BTR.
 - ALL BEAMS, JOISTS AND RAFTERS SHALL BE INSTALLED WITH CROWN SIDE UP.
 - ROOF PLYWOOD SHALL MATCH EXISTING PLYWOOD SHEATHING WITH A SPAN INDEX RATIO 32/16. EDGE NAIL WITH 8d at 6" O.C. UNLESS NOTED OTHERWISE ON PLANS. FIELD NAIL WITH 8d at 12" O.C.
 - PLYWOOD SHEETS SHALL BE LAID WITH THE FACE GRAIN PERPENDICULAR TO SUPPORTS AND WITH THE EDGES STAGGERED, UNLESS NOTED OTHERWISE ON THE PLANS.
 - PLYWOOD SHALL BE GRADE MARKED BY DFPA, TECO, OR PTL AND SHALL CONFORM TO PS 1-83.
 - THE MAXIMUM MOISTURE CONTENT OF ALL LUMBER SHALL NOT EXCEED 24% AT THE TIME OF INSTALLATION.
 - MINIMUM NAILING SHALL COMPLY WITH TABLE 23-1-q OF BUILDING CODE. ALL NAILS SHALL BE COMMON WIRE NAILS.
 - ALL BOLTS SHALL HAVE STANDARD CUT WASHERS UNDER HEADS AND/OR NUTS WHERE IN CONTACT WITH WOOD.
 - LAG BOLTS SHALL BE SCREWED INTO PLACE, NOT DRIVEN. LAG BOLTS SHALL BE INSTALLED IN PRE-DRILLED HOLES WITH A DIAMETER EQUAL TO 75% DIAMETER OF BOLT.
 - CONNECTORS: ALL SHEET METAL FRAMING CONNECTORS SHOWN IN THE PLANS SHALL BE STRONG CONNECTORS AS MANUFACTURED BY THE SAMSON COMPANY. SUBSTITUTIONS MAY BE MADE WHEN APPROVED BY THE STRUCTURAL ENGINEER.
 - ALL LUMBER EXPOSED TO WEATHER OR IN CONTACT WITH MASONRY OR CONCRETE SHALL BE WOLMANIZED PRESSURE TREATED LUMBER OR A NATURALLY DECAY RESISTANT LUMBER SUCH AS REDWOOD OR CEDAR.
 - ALASKAN YELLOW CEDAR GLUE-LAMINATED BEAMS
 - LUMBER SPECIES: ALASKAN YELLOW CEDAR (A.C.) CONFORMING TO 20F-V12
 - STRENGTH PROPERTIES:
 - Fb BOTTOM FIBER BENDING STRESS 2000psi MIN.
 - Ft TOP FIBER BENDING STRESS 1000psi MIN.
 - Fv SHEAR STRESS 190psi MIN.
 - Fc COMPRESSION STRESS PERPENDICULAR TO GRAIN 560psi MIN.
 - E MODULES ELASTICITY 1400ksi MIN.
 - CAMBER TO RADIUS OF 1600' U.O.N.
 - ALL GLB'S SHALL BE FABRICATED WITH EXTERIOR GLUE.
 - MANUFACTURE OF GLB'S SHALL CONFORM TO THE UBC.
 - GLU-LAM MATERIAL SHALL BE IN ACCORDANCE WITH ANSI/AITC A190.1 AND ASTM D3737.

JRA

Jeffrey Rome & Associates, Inc.

Architecture & Telecommunications
1 San Joaquin Plaza, Suite 250
Newport Beach, California 92660
Phone: (949) 760-3929
Fax: (949) 760-3931

PROPRIETARY INFORMATION

THE INFORMATION CONTAINED IN THIS SET OF CONSTRUCTION DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO AT&T WIRELESS IS STRICTLY PROHIBITED.

STAMP



PREPARED FOR



BLACK & VEATCH

12750 CENTER COURT DRIVE
SUITE #330
CERRITOS, CA 90703

SITE NUMBER

LAC725 LTE

SITE NAME

FIRESTONE / ALAMEDA

2105 EAST 90TH STREET
LOS ANGELES, CALIFORNIA 90002

DRAWING DATES

10/08/10 REV. A (P1)
10/26/10 REV. O (P2)

RFDS REVISION LEVEL XX

SHEET TITLE

SPECIFICATIONS AND NOTES

T-2