

T-Mobile®

T-Mobile®
Stick Together™
3 MACARTHUR PLACE, SUITE 1100
SANTA ANA, CA 92707

PLANS PREPARED BY:
CDG
CONNELL DESIGN GROUP, LLC
CONSULTING CIVIL ENGINEERS
4685 MACARTHUR COURT, SUITE 480, NEWPORT BEACH CA 92660
(949) 753-8807 OFFICE - (949) 753-8833 FAX
CDG#: 09-2504

CONSULTING GROUP:
Trillium Telecom Services, LLC
5912 Bolsa Ave., Huntington Beach, CA 92649
(714) 799-2000 OFFICE
(714) 799-2020 FAX

SITE NUMBER: LA33764B **CITY: LONG BEACH**
SITE NAME: ARABIC CHURCH **COUNTY: LOS ANGELES**
SITE TYPE: ROOFTOP **JURISDICTION: CITY OF LONG BEACH**

PROJECT SUMMARY:

SITE ADDRESS:
3000 E. 3RD STREET
LONG BEACH CA 90814

PROPERTY OWNER:
ARABIC BIBLE CHRISTIAN CHURCH
3000 E. 3RD STREET
LONG BEACH CA 90814
CONTACT: MILAD SHOKAIR
PHONE: (562) 686-5047

APPLICANT:
T-MOBILE USA
3 MACARTHUR PLACE, SUITE 1100
SANTA ANA CA 92707
PHONE: (714) 850-2400
T-MOBILE REPRESENTATIVES:
ZONING MANAGER: JOE THOMPSON
CONSTRUCTION INSPECTOR: BRUCE ANDERSON
DEVELOPMENT MANAGER: DUAN DAO

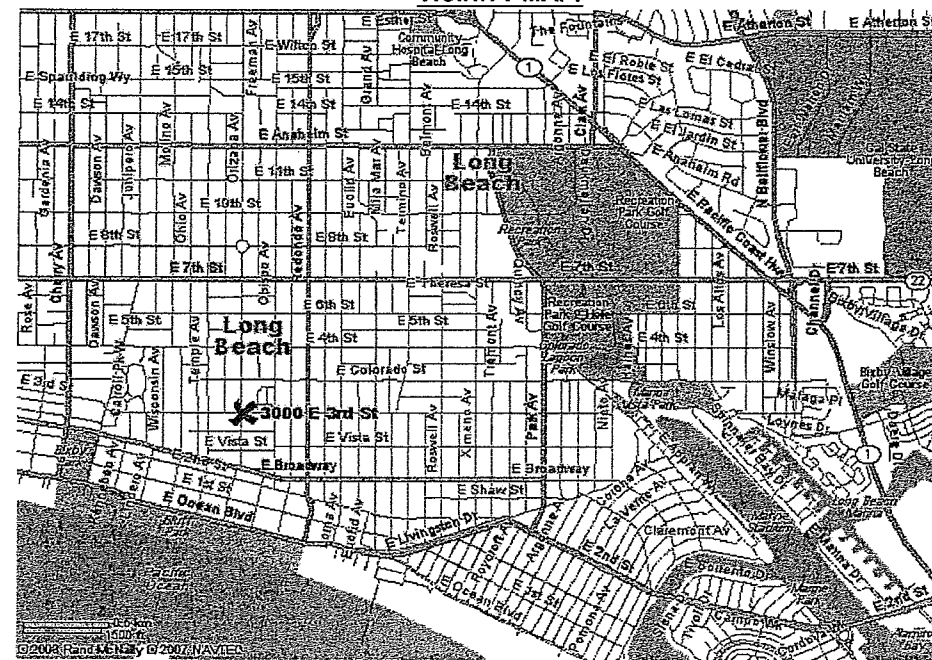
PROJECT DESCRIPTION:
INSTALLATION OF (3) T-MOBILE EQUIPMENT CABINETS ON A RAISED STEEL PLATFORM ON AN EXISTING ROOF TOP BEHIND NEW 7' SCREEN WALL W/ STUCCO FINISH TO MATCH (E) BLDG.
INSTALLATION OF (2) RF TRANS CUPOLA'S WITH T-MOBILE PANEL ANTENNAS AND ONE GPS ANTENNA AT EQUIPMENT AREA
COAX RUNS FROM EQUIPMENT TO ANTENNAS
200A ELECTRICAL & TELCO SERVICE TO EQUIPMENT

BUILDING SUMMARY:
OCCUPANCY CLASSIFICATION: B (TELEPHONE EXCHANGE)
TYPE OF CONSTRUCTION: V-B
ZONING: R-2-A
TOTAL LEASE AREA: 242 SQ FT
ASSESSORS PARCEL NUMBER: 7257-028-001

SHEET INDEX:

SHEET NUMBER:	DESCRIPTION:
T-1	TITLE SHEET
C-1	TOPOGRAPHIC SURVEY
C-2	TOPOGRAPHIC SURVEY
A-1	SITE PLAN
A-2	ENLARGED SITE PLAN, EQUIPMENT / ANTENNA LAYOUT
A-3	ARCHITECTURAL ELEVATIONS
A-4	ARCHITECTURAL ELEVATIONS

VICINITY MAP:



NO.	DATE:	DESCRIPTION:	BY:
1	02/19/09	90% ZD'S	JPC
2	02/26/09	100% ZD'S	ESK
3	10/22/09	100% ZD'S	ESK
4	10/28/09	100% ZD'S	ESK
5	12/17/09	100% ZD'S	JPC
6	12/23/09	100% ZD'S	ESK

SITE INFORMATION:

ARABIC CHURCH
LA33764B
3000 E. 3RD STREET
LONG BEACH, CA 90814

SEAL:

CONSULTING TEAM:

SAC/ZONING/PERMITTING:
TRILLIUM TELECOM SERVICES, INC.
5912 BOLSA AVE., SUITE 202
HUNTINGTON BEACH, CA 92649
CONTACT: TOM JOHNSON
PHONE: (714) 799-2000
EMAIL: TJOHNSON@TRILLIUMCOS.COM

ARCHITECTURAL & ENGINEERING:
CDG-CONNELL DESIGN GROUP, L.L.C.
4685 MACARTHUR COURT., STE 480
NEWPORT BEACH, CA 92660
CONTACT: JOE CONNELL
PHONE: (949) 306-4650

SURVEY:
BERT HAZE SURVEYING
3188 AIRWAY AVE., SUITE K1
COSTA MESA, CA 92626
OFFICE: (714) 557-1567
FAX: (714) 557-1568

ELECTRICAL ENGINEER:
CDG-CONNELL DESIGN GROUP, L.L.C.
4685 MACARTHUR COURT., STE 480
NEWPORT BEACH, CA 92660
CONTACT: CHAU TANG
PHONE: (714) 262-8811

POWER UTILITY CONTACT INFO:
SCE
JERRY CHAMBERLAINE
SCE; IMS GROUP 1st FLOOR
2885 FOOTHILL BLVD.
RIALTO, CA. 92376
(909) 820-5681

TELCO UTILITY CONTACT INFO:
VERIZON
MR. OSCAR ESCABAR
ENGINEER PLANNER
1400 E. PHILLIPS BLVD.
POMONA, CA. 91766
(909) 469-6340

APPROVALS:

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

	PRINT NAME	SIGNATURE	DATE
LANDLORD			
PRECON. MGR			
DEVELOP. MGR			
CONST. MGR			
A&E MGR			
ZONING MGR			
RF ENGINEER			
OPERATIONS			
SAC REP.			
UTILITIES			

SECTOR	AZIMUTH	CENTERLINE	# OF ANTENNAS	ANTENNA MODEL #	# OF COAX LINES	COAX DIAMETER	COAX LENGTH
A	0°	27'-6"	2	TMBXX-6516-R2M	8	1 5/8"	100' ±
B	120°	28'-7"	2	TMBXX-6516-R2M	8	7/8"	30' ±
C	240°	28'-7"	2	TMBXX-6516-R2M	8	7/8"	30' ±
N/A	N/A	N/A	1	GPS	1	1/2"	20' ±

NOTE: AZIMUTHS ARE FOR REFERENCE ONLY

DIRECTIONS FROM T-MOBILE SANTA ANA
TURN ONTO IMPERIAL PROMENADE., TURN ONTO E MACARTHUR BLVD., TAKE CA-55 S (NEWPORT BEACH) RAMP., TAKE EXIT 6A 405 N. LONG BEACH), CONTINUE ONTO CA-22 W (EXIT 23), CONTINUE ONTO E 7TH ST., TURN ONTO REDONDO AV., TURN ON E 3RD ST.
YOU ARE AT 3000 E 3RD ST, LONG BEACH, CA 90814-2505

THOMAS GUIDE
REGION: LOS ANGELES
PAGE: 795
GRID #: E7

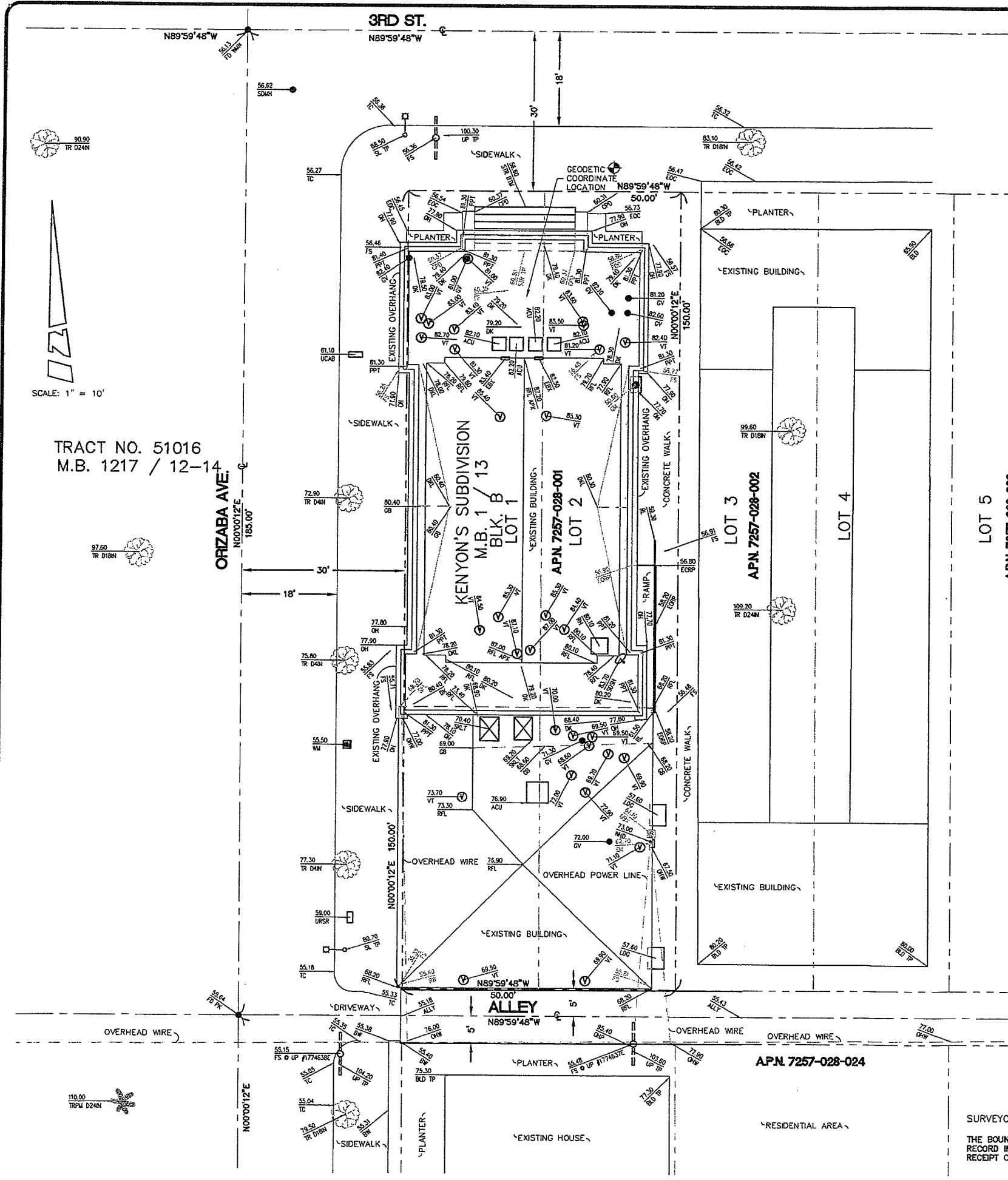
BUILDING CODE: CALIFORNIA BUILDING CODE 2007
ALL WORK IS TO COMPLY WITH THE 2007 CALIFORNIA BUILDING CODE (CBC)
APPLICABLE CODES
TIA/EIA-222-1996-F LIFE SAFETY CODE NFPA-101, 607 COMMERCIAL BUILDING GROUNDING AND BONDING REQUIREMENTS FOR TELECOMMUNICATIONS
AISC - CONSTRUCTION MANUAL, 9TH EDITION OR LATER.
NEC (NATIONAL ELECTRIC CODE) 2007 (NFPA 70)

SHEET TITLE:

TITLE SHEET

SHEET NUMBER:

T-1



COORDINATES:

LATITUDE 33°46'04.61" N
 LONGITUDE 118°09'23.74" W

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

BASIS OF BEARINGS:

THE CENTERLINE OF ORIZABA AVENUE BEING NORTH 00°00'12" EAST PER TRACT NO. 51016, M.B. 1217/12-14, RECORDS OF LOS ANGELES COUNTY.

ASSESSOR'S IDENTIFICATION:

LOS ANGELES COUNTY A.P.N. 7257-028-001

AREA:

0.17± ACRES PER LOS ANGELES COUNTY ASSESSOR

BENCH MARK:

U.S.G.S. BENCH MARK "BM 55"

UNITED STATES GEOLOGICAL SURVEY BENCH MARK "BM 55" AS SHOWN ON THE "LONG BEACH" 7.5 MINUTE QUADRANGLE MAP.

ELEVATION: 57.5 FEET A.M.S.L. (NAVD88)

TITLE REPORT IDENTIFICATION:

(PENDING RECEIPT OF TITLE REPORT)

EASEMENT NOTES:

(PENDING RECEIPT OF TITLE REPORT)

LEGAL DESCRIPTION:

LOTS 1 AND 2 IN BLOCK B OF KENYON'S SUBDIVISION IN THE CITY OF LONG BEACH, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AS SHOWN ON MAP OF SAID TRACT, RECORDED IN BOOK 1, PAGE 13 OF MAPS, IN THE OFFICE OF THE RECORDER OF SAID COUNTY.

DATE OF SURVEY:

FEBRUARY 5, 2009

LEGEND:

- | | | | |
|------|-----------------------|------|---------------------|
| ACU | AIR CONDITIONING UNIT | CL | CENTERLINE |
| ALLY | ALLEY | FM | FOUND MONUMENT |
| APX | APEX | GM | GAS METER |
| BLD | BUILDING | GV | GAS VENT |
| BTM | BOTTOM | IN | INCHES |
| BW | BACK OF WALK | LDG | LANDING |
| CPD | CONCRETE PAD | OH | OVERHANG |
| D | DIAMETER | OHP | OVERHEAD POWER LINE |
| DK | DECK | OHW | OVERHEAD WIRE |
| DXL | DECK LINE | PK | PK NAIL |
| EBX | ELECTRICAL BOX | PPT | PARAPET |
| EM | ELECTRICAL METER | RFL | ROOF LINE |
| EOC | EDGE OF CONCRETE | RH | ROOF HATCH |
| EORP | EDGE OF RAMP | RL | RAIL |
| FD | FOUND | S/W | SPIKE AND WASHER |
| FF | FINISHED FLOOR | SDMH | STORM DRAIN MANHOLE |
| FS | FINISHED SURFACE | SDSH | SATELLITE DISH |
| GB | GRADE BREAK | SKLT | SKY LIGHT |
| GM | GAS METER | SL | STREET LIGHT |
| GV | GAS VENT | STR | STAIRS |
| IN | INCHES | TC | TOP OF CURB |
| LDG | LANDING | TP | TOP |
| OH | OVERHANG | TR | TREE |
| OHP | OVERHEAD POWER LINE | TRPM | PALM TREE |
| OHW | OVERHEAD WIRE | UBX | UTILITY BOX |
| PK | PK NAIL | UCAB | UTILITY CABINET |
| PPT | PARAPET | UP | UTILITY POLE |
| RFL | ROOF LINE | URSR | UTILITY RISER |
| RH | ROOF HATCH | VT | VENT |
| RL | RAIL | WHD | WEATHER HEAD |
| S/W | SPIKE AND WASHER | WM | WATER METER |
| SDMH | STORM DRAIN MANHOLE | WMN | WELL MONUMENT |
| SDSH | SATELLITE DISH | | |
| SKLT | SKY LIGHT | | |
| SL | STREET LIGHT | | |
| STR | STAIRS | | |
| TC | TOP OF CURB | | |
| TP | TOP | | |
| TR | TREE | | |
| TRPM | PALM TREE | | |
| UBX | UTILITY BOX | | |
| UCAB | UTILITY CABINET | | |
| UP | UTILITY POLE | | |
| URSR | UTILITY RISER | | |
| VT | VENT | | |
| WHD | WEATHER HEAD | | |
| WM | WATER METER | | |
| WMN | WELL MONUMENT | | |

SURVEYORS NOTE:

THE BOUNDARY LINES AND THEIR DIMENSIONS SHOWN HEREON ARE PER RECORD INFORMATION AND THEIR LOCATIONS ARE APPROXIMATE, PENDING RECEIPT OF TITLE REPORT.



REV.	DATE/BY:	REVISION DESCRIPTION:
1	02/11/09 JP	ISSUED FOR REVIEW

SITE ACQUISITION / PLANNER

SITE BUILDER:

T-Mobile
 Stick Together™
 3 IMPERIAL PROMENADE, SUITE 1100
 SANTA ANA, CA 92707
 PHONE: (714) 850-2400

SURVEYOR

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
 J.N. 726.071

APPROVALS:

APPROVED BY:	INITIALS:	DATE:
LANDLORD:		
SITE ACQ.:		
ZONING:		
RF:		
INTERCONNECT:		
UTILITY COOR.:		
CONST MGR.:		
PROJECT MGR.:		

SITE INFO:

SITE NAME:
 LA33764B
 ARABIC CHURCH

SITE ADDRESS:
 3000 E. 3RD ST.
 LONG BEACH, CA 90814

SHEET TITLE:
 TOPOGRAPHIC SURVEY

DRAWING INFO:

DWG. NAME:	DRAWN BY:	DATE:
LA33764B	JP	02/11/09

SHEET NUMBER:
 1 OF 1 | C-1

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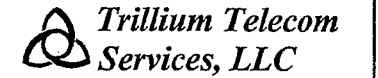


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(714) 799-2020 FAX

NO.	DATE	DESCRIPTION	BY:
1	02/19/09	90% ZD'S	JPC
2	02/26/09	100% ZD'S	ESK
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SITE INFORMATION:

ARABIC CHURCH
LA33764B

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LONG BEACH, CA 90814

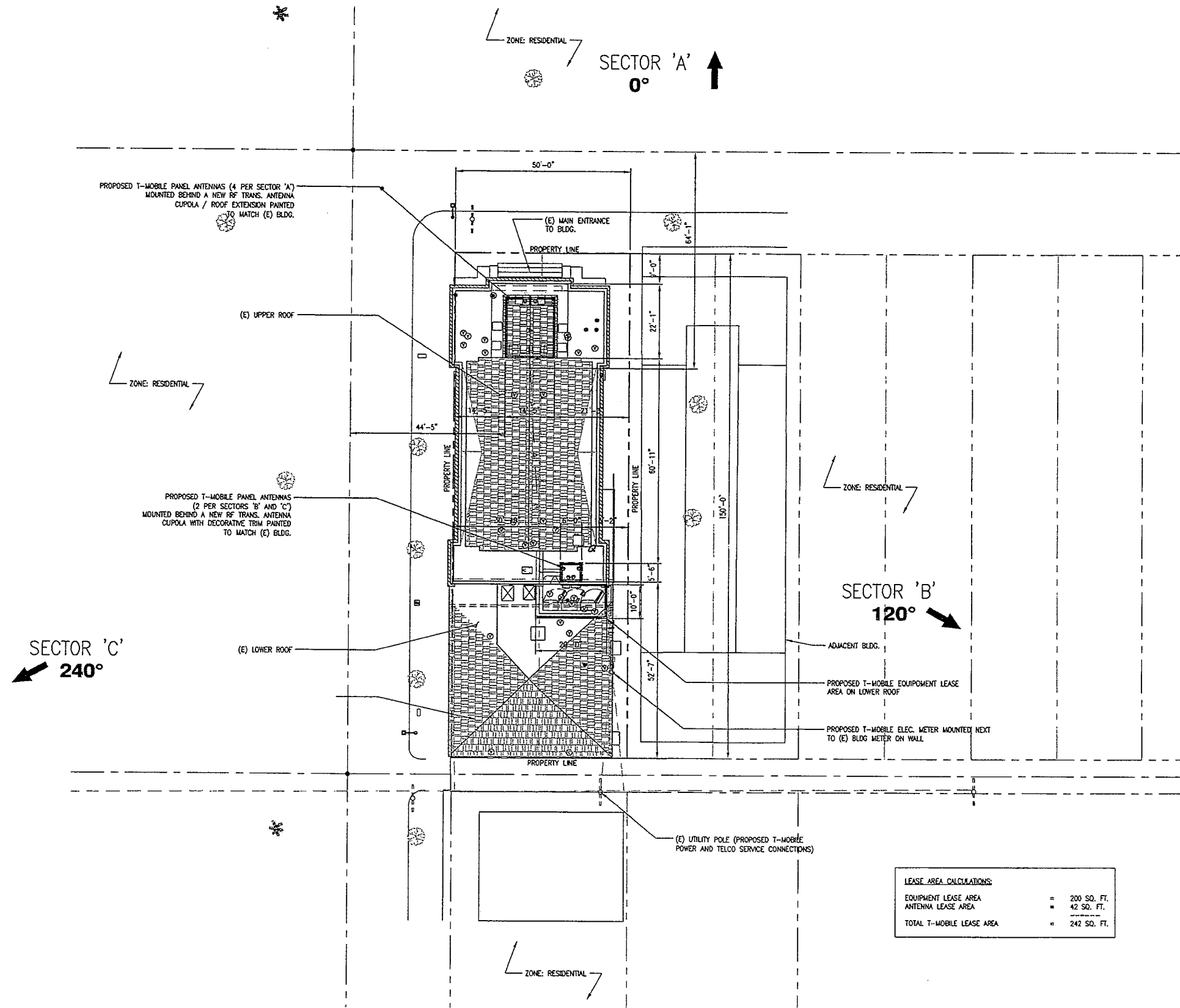
SEAL:

SHEET TITLE:

SITE PLAN

SHEET NUMBER:

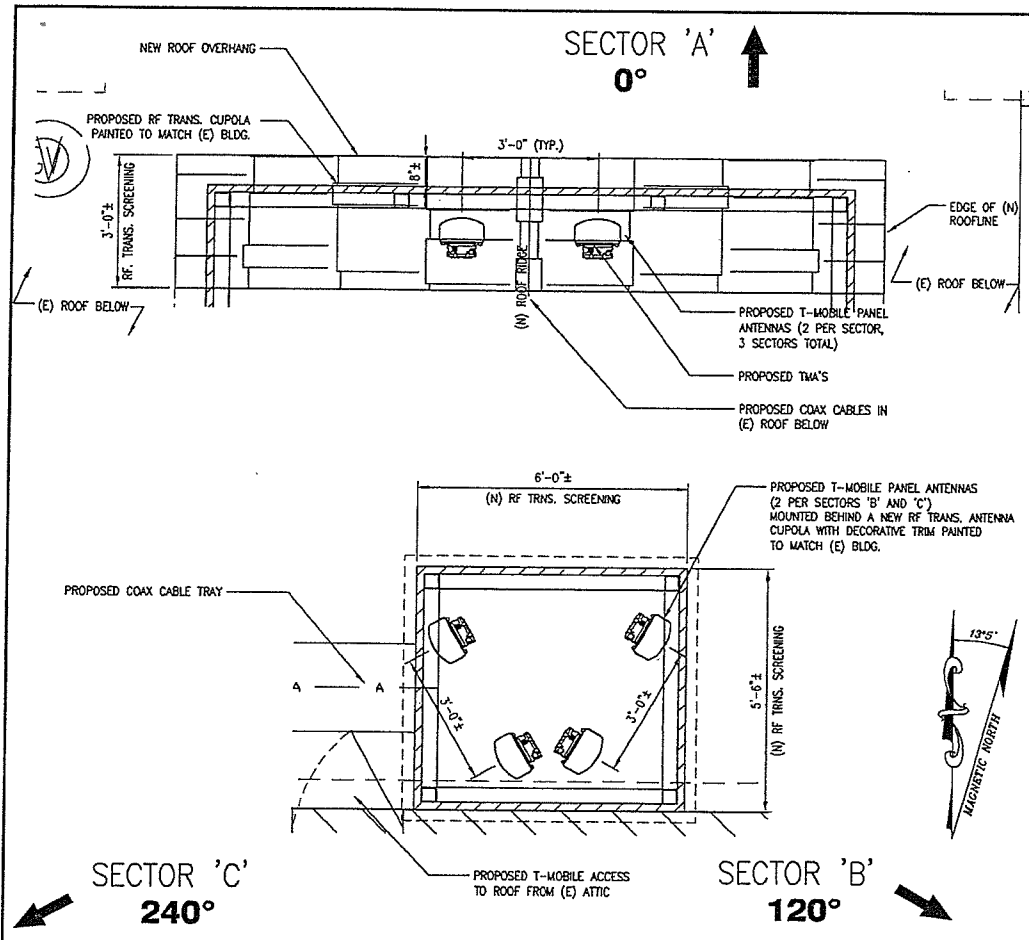
A-1



LEASE AREA CALCULATIONS:

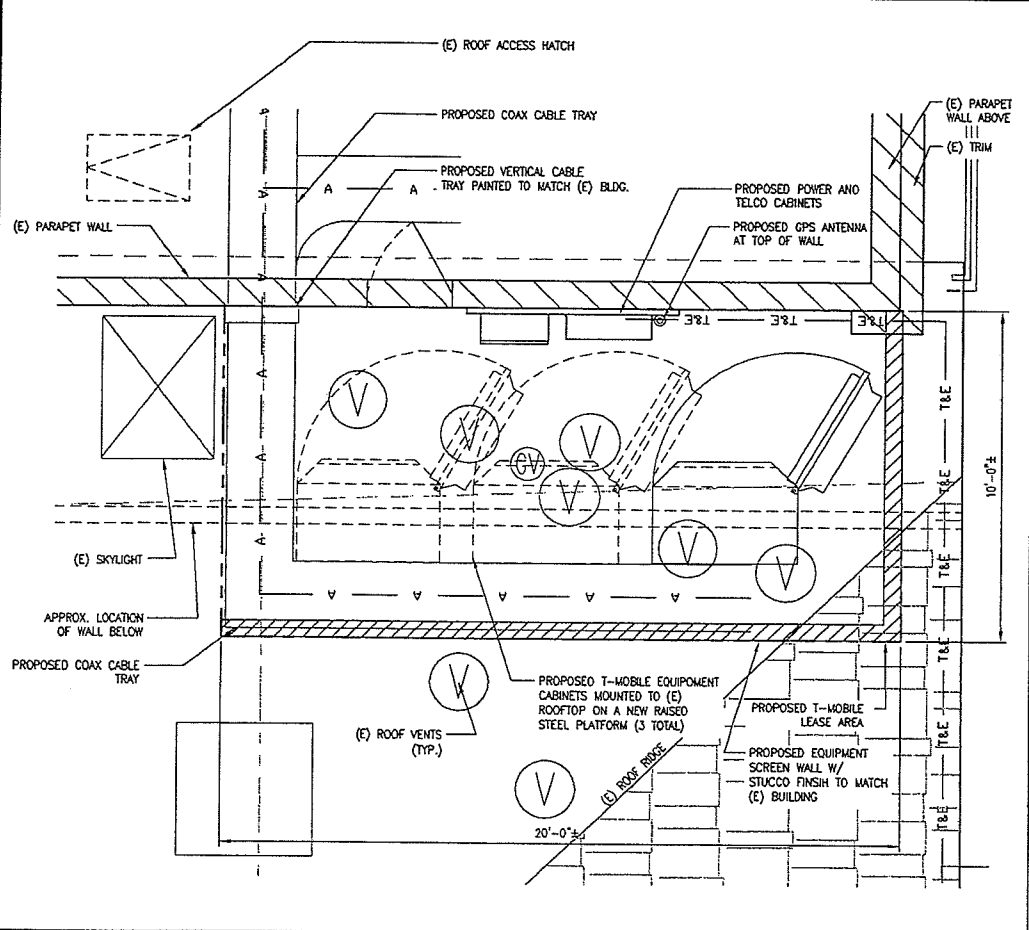
EQUIPMENT LEASE AREA	=	200 SQ. FT.
ANTENNA LEASE AREA	=	42 SQ. FT.
TOTAL T-MOBILE LEASE AREA	=	242 SQ. FT.





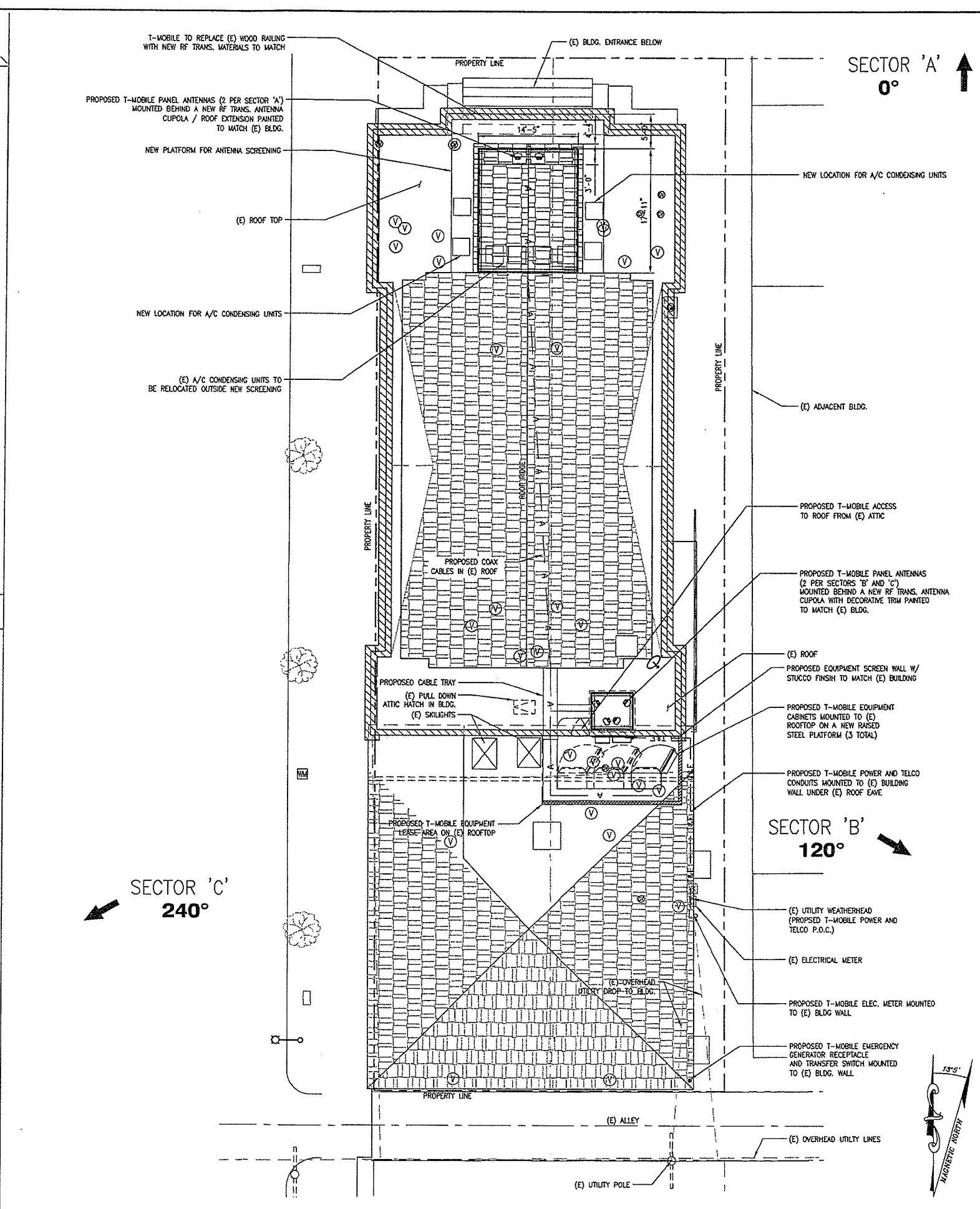
ANTENNA LAYOUT

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



EQUIPMENT LAYOUT

SCALE: 3/8" = 1'-0" 0 1' 2' 3'



ENLARGED SITE PLAN

SCALE: 1/8" = 1'-0" 0 4' 8'

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LA33764B

3000 E. 3RD STREET
LONG BEACH, CA 90814

SEAL:

SHEET TITLE:

ENLARGED SITE PLAN

SHEET NUMBER:

A-2

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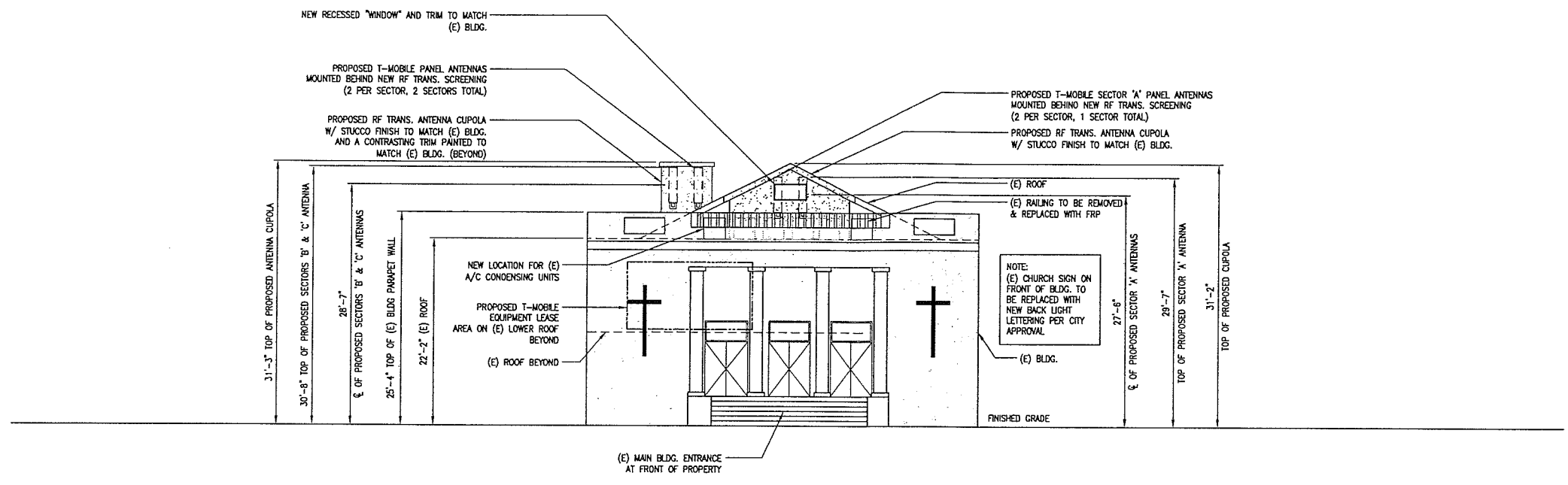
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5	12/17/09	100% ZD'S	JPC
6	12/23/09	100% ZD'S	ESK

SITE INFORMATION:
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LA33764B
3000 E. 3RD STREET
LONG BEACH, CA 90814

SEAL:

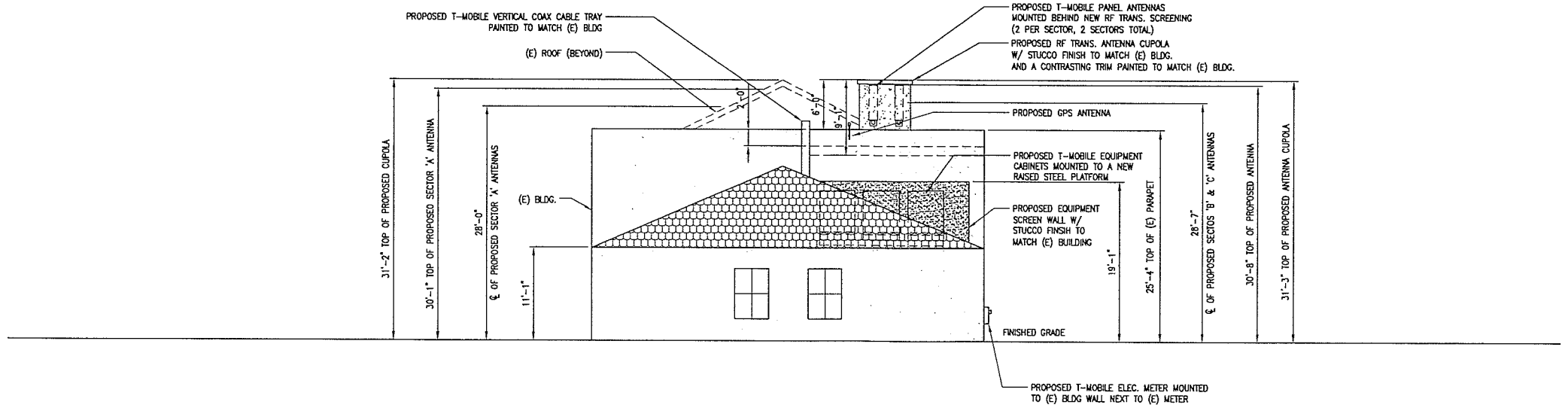
SHEET TITLE:
ARCHITECTURAL ELEVATIONS

SHEET NUMBER:
A-3



NORTH ELEVATION

SCALE: 1/8"=1'-0"
0 4' 8' 1



SOUTH ELEVATION

SCALE: 1/8"=1'-0"
0 4' 8' 2

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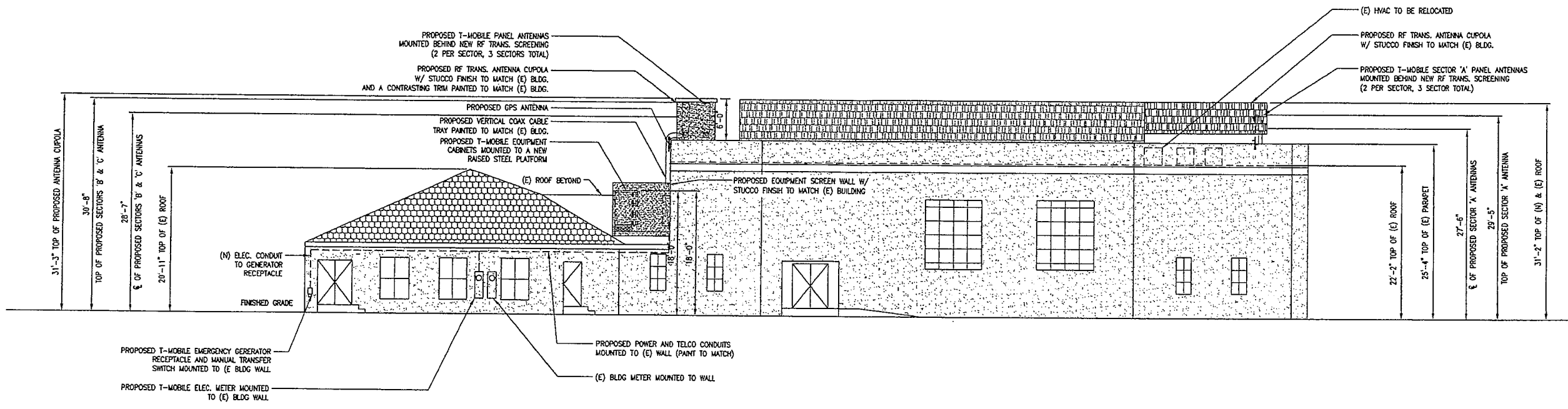
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4685 MACARTHUR COURT, SUITE 400, NEWPORT BEACH CA 92660
(949) 753-8807 OFFICE - (949) 753-8833 FAX
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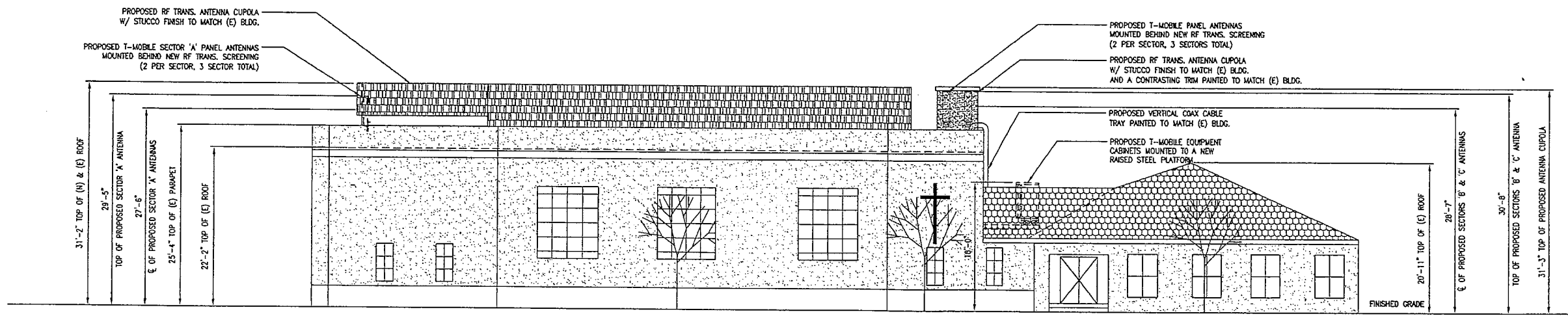
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6	12/23/09	100% ZD'S	ESK



EAST ELEVATION

SCALE: 1/8" = 1'-0"
0 4' 8' 1



WEST ELEVATION

SCALE: 1/8" = 1'-0"
0 4' 8' 2

SITE INFORMATION:

**ARABIC CHURCH
LA33764B**

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LONG BEACH, CA 90814

SEAL:

SHEET TITLE:

**ARCHITECTURAL
ELEVATIONS**

SHEET NUMBER:

A-4