

# EXHIBIT B

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## MINERVA

### MACRO CELL EVOLUTION

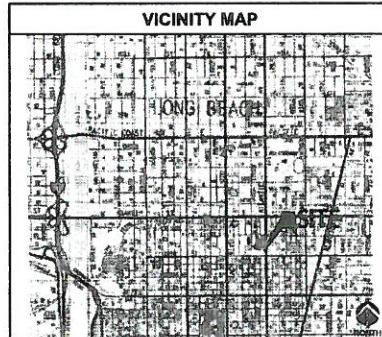
MTX43-BSC11

FIRST LUTHERAN CHURCH OF LONG BEACH  
905 ATLANTIC AVENUE  
LONG BEACH, CALIFORNIA 90813

OVERALL HEIGHT: 60'-0"

PROJECT TEAM		
<u>Site Acquisition / Zoning</u>	<u>Owner</u>	
COASTAL BUSINESS GROUP 16150 SCIENTIFIC WAY, IRVINE, CA 92618 SITE ACQUISITION & ZONING: TERR GRSDH PHONE: (949) 439-3466 EMAIL: tgrsmmt@coastalbusinessgroup.net	FIRST LUTHERAN CHURCH OF LONG BEACH CONTACT: SHARON MATHER, PRESIDENT 948 LINCOLN AVENUE, LONG BEACH, CA 90813 TELEPHONE: (562) 597-9823	
<u>Architect</u>	<u>Surveyor</u>	
C.R. CARNEY ARCHITECTS, INC. 8885 RESEARCH DR., SUITE 100 IRVINE, CALIFORNIA 92618 CONTACT: TERRY LIZZARDI, RA PHONE: (949) 656-8444 EMAIL: terry@carney.com	BERT HAZE & ASSOCIATES, INC. 3188 HIGHWAY AVE., SUITE K1 COSTA MESA, CALIFORNIA 92626 CONTACT: BERT HAZE EMAIL: bert@berthaze.com	

PROJECT DESCRIPTION		
<p>THIS PROJECT IS A VERIZON WIRELESS UNMANNED TELECOMMUNICATION WIRELESS FACILITY. IT WILL CONSIST OF THE FOLLOWING:</p> <ul style="list-style-type: none"> <li>• NEW VERIZON WIRELESS LEASE AREA</li> <li>• INSTALLATION OF (12) PANEL ANTENNAS</li> <li>• INSTALLATION OF (1) TRUCK MOUNTED RRU'S WITH (12) A2 PAC'S</li> <li>• INSTALLATION OF (2) PANEL ANTENNA RADIOS</li> <li>• PROPOSED 40'-0" HIGH BELL TOWER TO CONCEAL THE PROPOSED PANEL ANTENNAS, RRU'S &amp; RADIOS</li> <li>• INSTALLATION OF (2) NEW U.L. LISTED V.G.E. RADIO EQUIPMENT CABINETS LOCATED INSIDE A PROPOSED 8'-0" HIGH C.M.U. ENCLOSURE</li> <li>• A TEMPORARY GENERATOR PLUG</li> <li>• CONNECTION TO NEARBY POWER AND TELEPHONE UTILITIES, AND</li> <li>• VARIOUS CONDUIT RUNS TO CONNECT UTILITIES TO EQUIPMENT</li> </ul>		



DRIVING DIRECTIONS		
<p>FROM 15505 SAND CANYON AVE, IRVINE, CA 92618 TO 905 ATLANTIC AVENUE, LONG BEACH, CA 90813</p> <ol style="list-style-type: none"> <li>1. HEAD SOUTHEAST ON WATERWORKS WAY TOWARD SAND CANYON TRAIL</li> <li>2. TURN RIGHT ONTO SAND CANYON AVE</li> <li>3. MERGE ONTO THE I-405 EXPY</li> <li>4. TAKE THE NEXT EXIT ON CA-22 N</li> <li>5. FOLLOW SIGNS FOR CA 22 # / LONG BEACH</li> <li>6. CONTINUE ONTO E 7th ST</li> <li>7. TURN RIGHT ONTO E 7th ST</li> <li>8. TURN RIGHT ONTO ATLANTIC AVE</li> </ol> <p>DESTINATION WILL BE ON THE LEFT</p>		

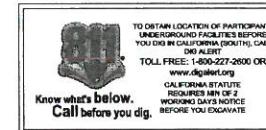
PROJECT SUMMARY		
<u>APPLICANT/LESSEE</u>	<u>ASSESSOR'S PARCEL NUMBER</u>	
verizon/ 15505 SAND CANYON AVENUE, D1 IRVINE, CA 92618 OFFICE: (949) 288-7000	LOS ANGELES COUNTY APN: 7274-015-041 043, AND 045	
<u>PROPERTY OWNER:</u>		
FIRST LUTHERAN CHURCH OF LONG BEACH CONTACT: SHARON MATHER, PRESIDENT TELEPHONE: (562) 597-9823		
<u>PROPERTY INFORMATION:</u>		
SITE NAME: MINERVA SITE ADDRESS: 905 ATLANTIC AVENUE LONG BEACH, CA 90813 JURISDICTION: LOS ANGELES COUNTY		
<u>CONSTRUCTION INFORMATION:</u>		
AREA OF CONSTRUCTION: 4,289 SQ. FT. OCCUPANCY: U TYPE OF CONSTRUCTION: V-1 HR CURRENT ZONING: PD-20 EXISTING SITE USE: CHURCH & TELECOMMUNICATIONS SITE EXISTING SITE USE: TELECOMMUNICATIONS SITE ADA COMPLIANCE: FACILITY IS UNMANAGED AND NOT FOR HUMAN HABITATION. MACHINERY SPACES ARE EXEMPT FROM ACCESSIBILITY REQUIREMENTS PER THE CBC SECTION 11B-203.		

GENERAL CONTRACTOR NOTES		
<p>DO NOT SCALE DRAWINGS</p> <p>CONTRACTOR SHALL VERIFY ALL PLANS AND COSTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE ARCHITECT IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSABLE FOR THE SAME.</p>		

CODE COMPLIANCE		
<ul style="list-style-type: none"> <li>• 2013 CALIFORNIA ENERGY CODE</li> <li>• 2013 CALIFORNIA PLUMBING CODE</li> <li>• 2013 CALIFORNIA ELECTRICAL CODE</li> <li>• 2013 CALIFORNIA FIRE CODE</li> <li>• 2013 CALIFORNIA GREEN BUILDING CODE</li> </ul>		

SHEET	DESCRIPTION	REV
T-10	TITLE SHEET	0
LS-1	TOPOGRAPHIC SURVEY	0
LS-2	TOPOGRAPHIC SURVEY	0
LS-3	TOPOGRAPHIC SURVEY	0
A-10	SITE PLAN	0
A-20	LEASE AREA & ANTENNA PLANS	0
A-30	TOWER ELEVATIONS	0
A-31	ELEVATIONS	0
A-32	ELEVATIONS	0
A-33	ELEVATIONS	0
A-34	ELEVATIONS	0

### CONSTRUCTION DRAWINGS



REV	DATE	DESCRIPTION	BY
0	3/1/15	Client Review - 100% ZDA	JLG
1	8/1/15	Client Comments - 100% ZDA	JLG
2	8/1/15	Team Review & Comment	JLG
3	2/1/16	Client Comments - 100% ZDA	TSL
4	5/2/16	Client Comments - 100% ZDA	MA
5	7/1/16	Comments - 100% ZDA	MA
6	8/2/16	Client Comments - 100% ZDA	MA
7	8/2/16	RF Comments - 100% ZDA	MA
8	8/13/16	Client Comments - 100% ZDA	MA
9	8/13/16	RF Comments - 100% ZDA	MA

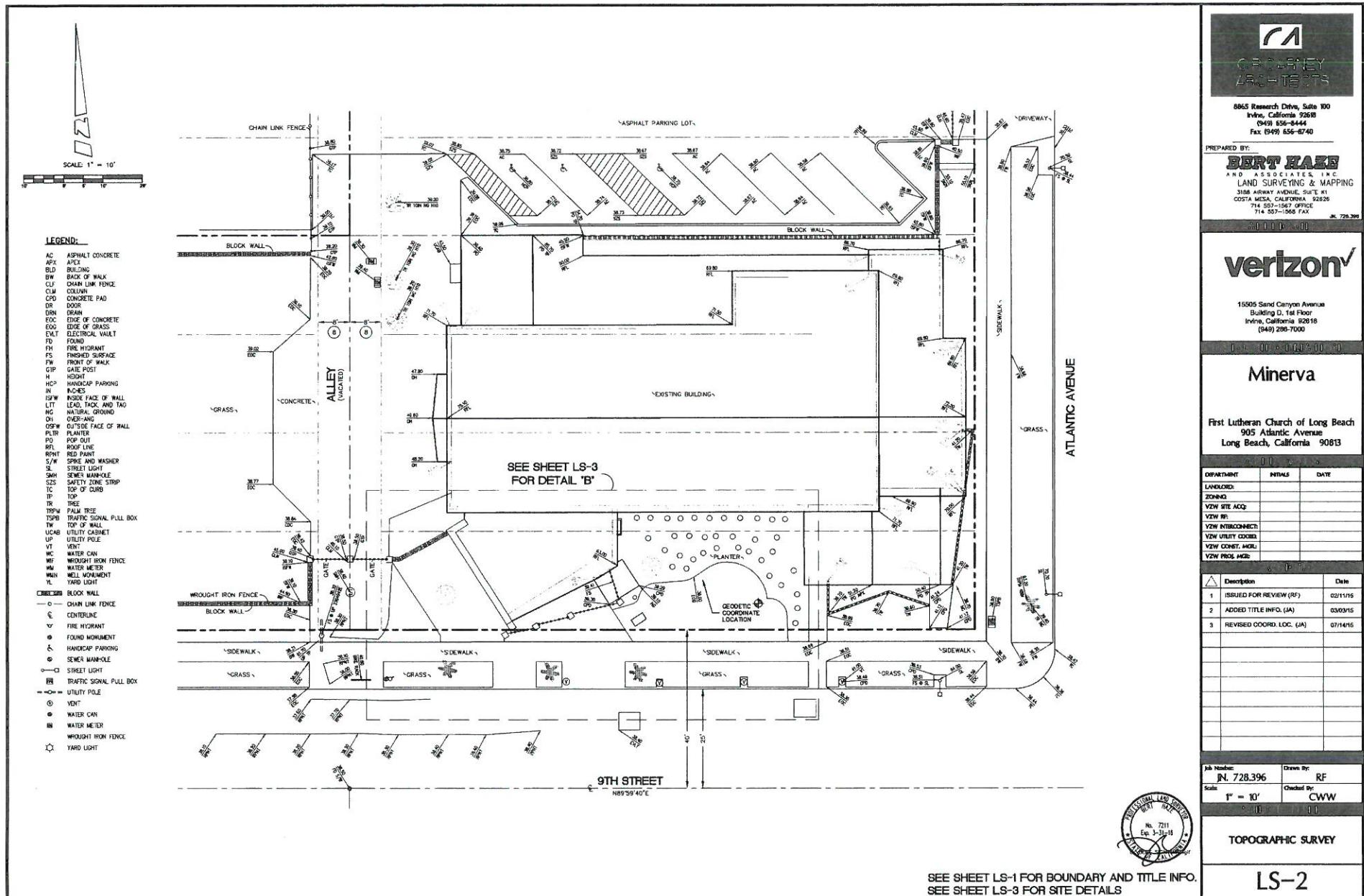
**C.R. CARNEY**  
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8885 Research Drive, Suite 100  
Irvine, California 92618  
949.454.9456

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**MINERVA**  
1st Lutheran Church of Long Beach  
905 Atlantic Avenue  
Long Beach, CA 90813

SHEET TITLE:  
TITLE SHEET  
  
T-1.0



### ISSUE STATUS

REV.	DATE	DESCRIPTION	BY
0	3/1/13	Client Review - 100% DS	ALL
1	5/1/13	Client Comments - 100% DS	ALL
2	5/1/13	Tellt Review - 100% DS	ALL
3	5/1/13	Client Comments - 100% DS	ALL
4	5/27/13	Client Review - 100% DS	MA
5	5/27/13	Tellt Review - 100% DS	MA
6	5/27/13	Client Comments - 100% DS	MA
7	5/27/13	RF Comments - 100% DS	MA
8	5/27/13	Planning Committee - 100% DS	MA
9	5/27/13	Client Comments - 100% DS	MA
10	5/27/13	RF Comments - 100% DS	MA



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Job # 1445

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IRVINE, CA 92618

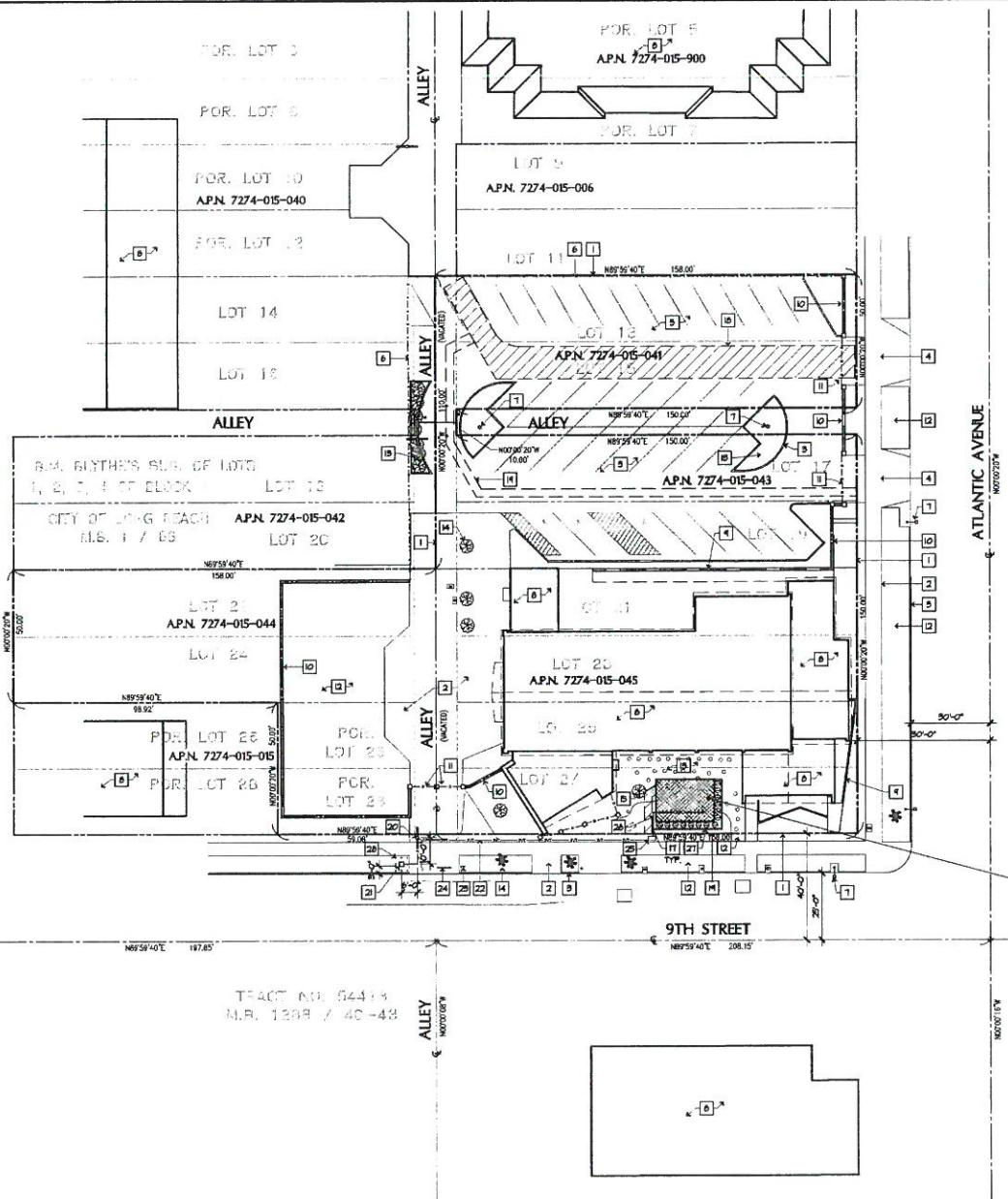
MINERVA  
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905 Atlantic Avenue  
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SHEET TITLE:  
SITE PLAN

A-1.0

PROPOSED VERIZON WIRELESS  
EQUIPMENT AREA  
NEW BLOCK WALL REINFORCED AREA, PLEASE SEE  
SHEET A-2.0 FOR MORE INFORMATION

1  
A=1.0  
SCALE: 1" = 20'  
Graphic Scale  
NORTH



## ISSUE STATUS

REV.	DATE	DESCRIPTION	BY
0	3/1/15	Client Review - 10% 2D	JLG
1	6/1/15	Client Comments - 10% 2D	JLG
2	8/1/15	Comments - 10% 2D	JLG
	2015	Client Comments - 10% 2D	JLG
3	8/1/15	Comments - 10% 2D	JLG
4	8/1/15	Comments - 10% 2D	JLG
5	7/1/15	Client Review & Last Log	MA
6	8/3/15	Comments - 10% 2D	MA
7	8/27/15	RF Comments - 10% 2D	MA
8	8/29/15	Planning Comments - 10% 2D	MA
9	8/31/15	Client Comments - 10% 2D	MA
10	9/1/15	RF Comments - 10% 2D	MA

## KEY NOTES:

1. PREVIOUSLY EXISTING BELL TOWER w/ EXTERIOR PLASTER FINISH (FOR REFERENCE ONLY, TOWER HAS BEEN REMOVED)
2. PREVIOUSLY EXISTING G.I. PLASTER EXPANSION SCREWS
3. PREVIOUSLY EXISTING METAL CROSS
4. PREVIOUSLY EXISTING BELLS
5. PROPOSED TOWER w/ BRICK VENEER AND EXTERIOR PLASTER w/ EXPANSION SCREWS, FINISHED TO MATCH EXISTING CHURCH
6. PROPOSED SECTOR LEVEL FAUX RF FRIENDLY PLASTER, FINISHED TO MATCH PLASTER BELOW
7. PROPOSED SECTOR LEVEL FAUX RF FRIENDLY LATTICE PANELS
8. PROPOSED FAUX BELLS
10. PROPOSED (4) VERIZON WIRELESS 8' PANEL ANTENNAS w/ (3) STACK MOUNTED RUBBLE PATH AC PACCS, PER SECTOR, (8) SECTORS TOTAL, w/ (2) RANGERS TOTAL @ SECTOR LEVEL
11. PROPOSED 8'-0" CNU, WALL EQUIPMENT ENCLOSURE w/ EXTERIOR PLASTER FINISH + 8" COARSED BRICK CAP, TO MATCH EXISTING BRICK
12. PROPOSED CARRIOL SPEAKERS BEHIND LATTICE PANEL
13. PROPOSED FUTURE CARRIER 8' PANEL ANTENNAS
14. PROPOSED RF FRIENDLY DECORATIVE LATTICE PANELS
15. PROPOSED FAUX CROSS SHAPED



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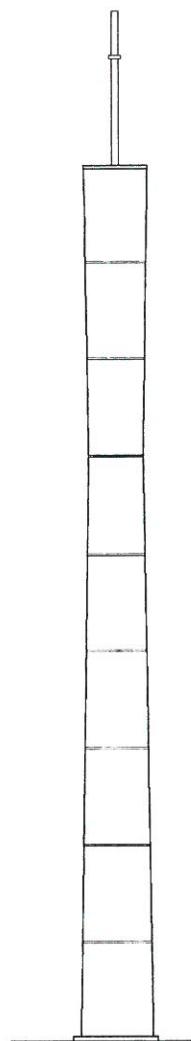
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IRVINE, CA 92618

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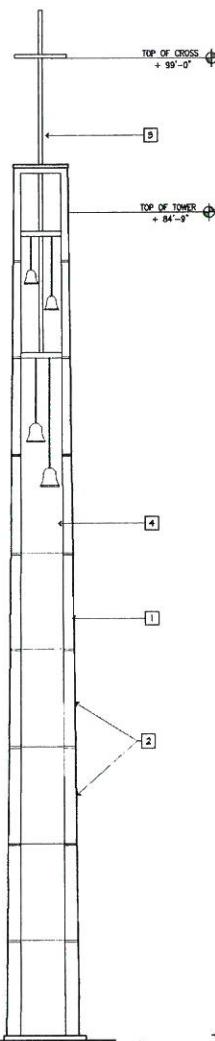
MINERVA  
1st Lutheran Church of Long Beach  
905 Atlantic Avenue  
Long Beach, CA 90813

SHEET TITLE:  
ELEVATIONS

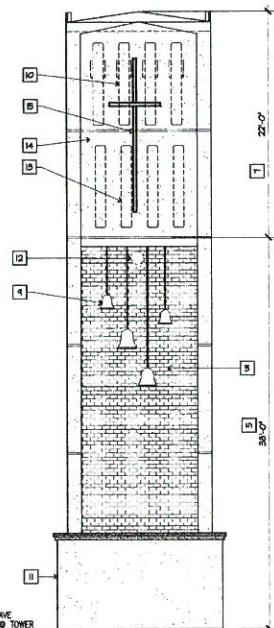
A-3.0



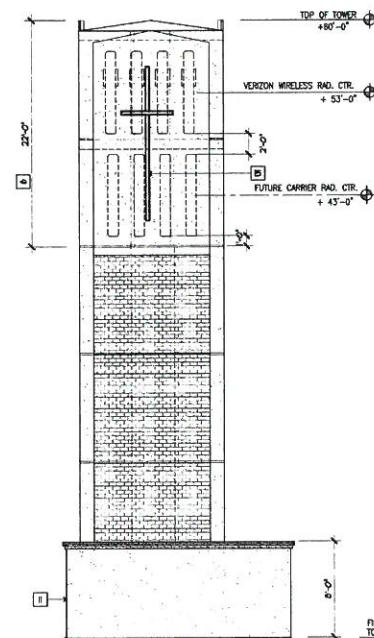
PREVIOUS TOWER ELEVATIONS



FIN. FLR. @ NAVE  
TOP OF SLAB @ TOWER  
+ 0'-0" (+39.50' datum)



PROPOSED TOWER ELEVATIONS



EXTERIOR ELEVATIONS

0 2 5 10' Graphic Scale SCALE 3/16"-1'-0"

1	2	3	4	5	6	7	8	9	10
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## ISSUE STATUS

REV	DATE	DESCRIPTION	BY
0	3/1/15	Client Review - 100% 2D	JLG
1	6/1/15	Client Comments - 100% 2D	JLG
2	6/1/15	Tower Removal & Existing Tower	JLG
3	2/1/16	Client Comments - 100% 2D	T.B.L.
4	5/27/16	Client Comments - 100% 2D	MA
5	7/7/16	Client Comments - 100% 2D	MA
6	8/23/16	Client Comments - 100% 2D	MA
7	8/27/16	RF Comments - 100% 2D	MA
8	9/13/16	Client Comments - 100% 2D	MA
10	9/13/16	RF Comments - 100% 2D	MA



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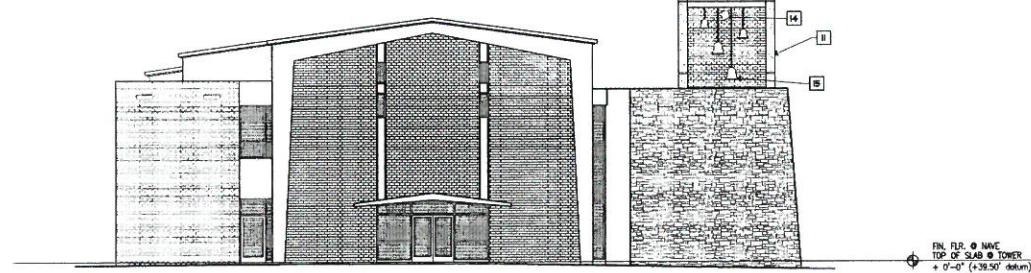
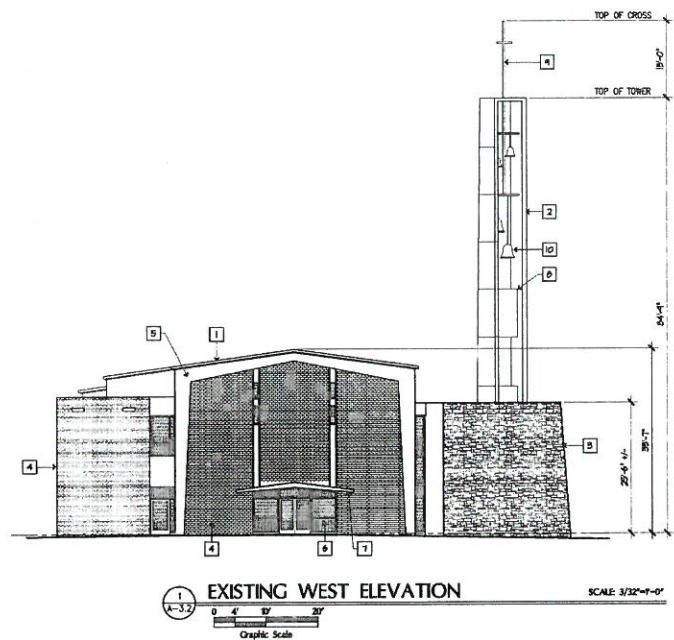
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MINERVA  
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Long Beach, CA 90813

SHEET TITLE:  
ELEVATIONS

A-3.2



EXTERIOR ELEVATIONS

ISSUE STATUS			
REV.	DATE	DESCRIPTION	BY
1	8/1/15	Client Comments - 100% DS	JLG
2	8/1/15	Client Comments - 100% DS	JLG
3	2/1/16	Client Comments - 100% DS	TSL
4	5/27/16	Client Comments - 100% DS	MA
5	7/1/16	Client Review & Lend Log	MA
6	8/3/16	Client Comments - 100% DS	MA
7	8/12/16	RF Comments - 100% DS	MA
8	8/8/16	Planning Comments - 100% DS	MA
9	8/12/16	Client Comments - 100% DS	MA
10	8/13/16	RF Comments - 100% DS	MA



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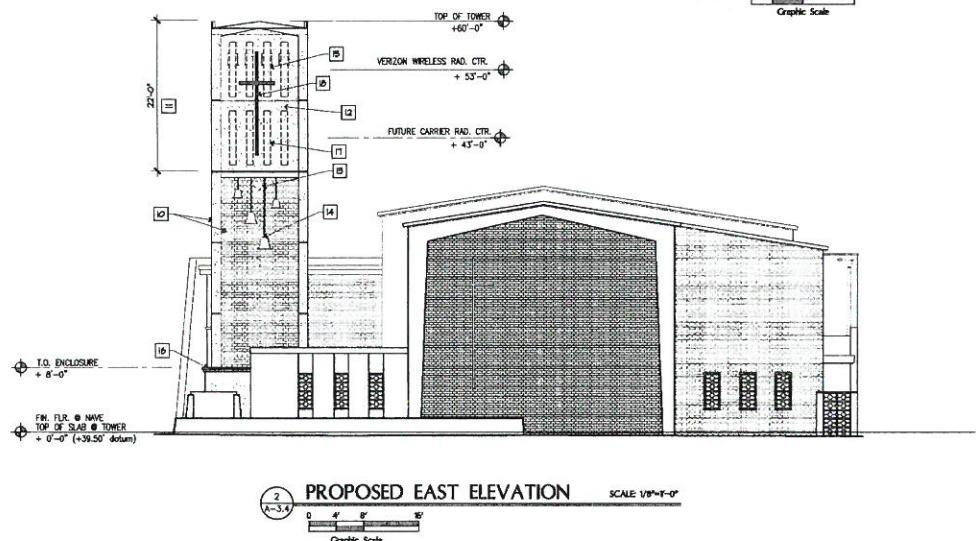
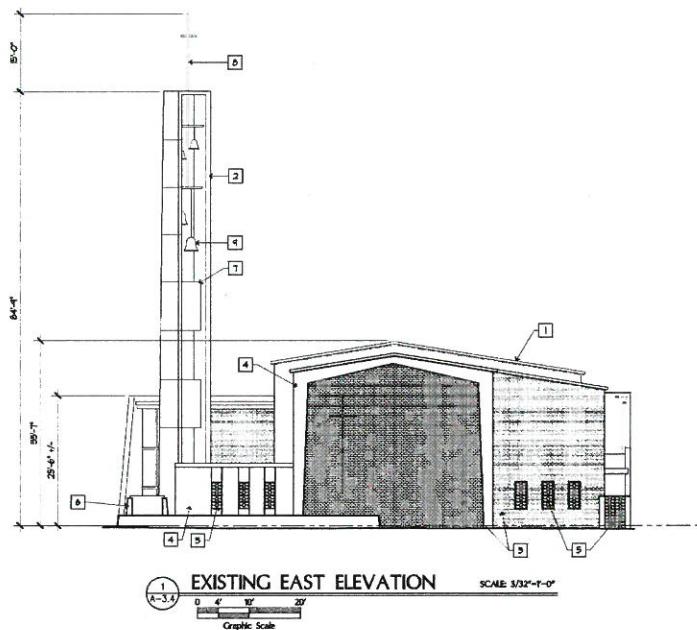
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MINERVA

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SHEET TITLE:  
ELEVATIONS

A-3.4



EXTERIOR ELEVATIONS

## VICINITY MAP PHOTOSIMULATION VIEWPOINTS

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MINERVA  
MTX43-BSC11  
FIRST LUTHERAN CHURCH OF LONG BEACH  
905 ATLANTIC AVENUE  
LONG BEACH, CA 90813

SOC  
WIRELESS  
5015 SHOREHAM PLACE, SUITE 150  
SAN DIEGO, CA 92122  
OFFICE: (619) 736-3766



### DISCLAIMER:

THIS PHOTOSIMULATION IS INTENDED AS A GRAPHICAL REPRESENTATION OF EXISTING AND PROPOSED SITE CONDITIONS BASED ON THE PROJECT / DRAWING PLANS. IT IS NOT INTENDED FOR CONSTRUCTION. ACTUAL, FINAL CONSTRUCTION MAY VARY

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PHOTOSIMULATION VIEWPOINT 1

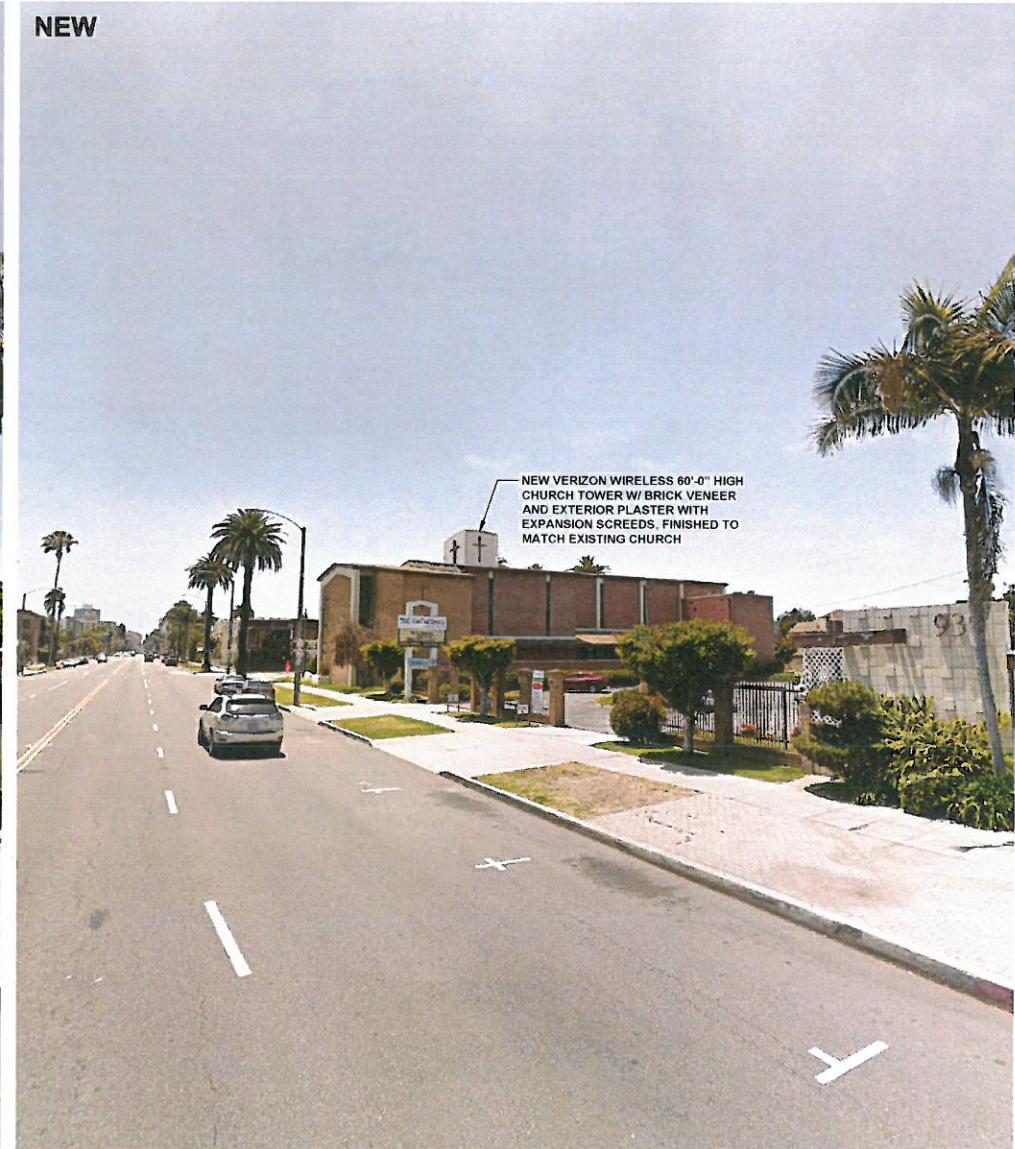
EXISTING



MINERVA  
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LONG BEACH, CA 90813

**SOC**  
WIRELESS  
5015 SHOREHAM PLACE, SUITE 150  
SAN DIEGO, CA 92122  
OFFICE: (619) 730-3766

NEW



**verizon**

PHOTOSIMULATION VIEWPOINT 2

EXISTING



MINERVA  
MTX43-BSC11  
FIRST LUTHERAN CHURCH OF LONG BEACH  
905 ATLANTIC AVENUE  
LONG BEACH, CA 90813

NEW



**SOC**  
WIRELESS  
5016 SHOREHAM PLACE, SUITE 150  
SAN DIEGO, CA 92122  
OFFICE: (619) 736-3766



WIRELESS  
5015 SHOREHAM PLACE, SUITE 150  
SAN DIEGO, CA 92122  
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### PHOTOSIMULATION VIEWPOINT 3

verizon<sup>V</sup>

EXISTING



MINERVA  
MTX43-BSC11  
FIRST LUTHERAN CHURCH OF LONG BEACH  
905 ATLANTIC AVENUE  
LONG BEACH, CA 90813

NEW



NEW VERIZON WIRELESS 60'-0" HIGH  
CHURCH TOWER WI BRICK VENEER  
AND EXTERIOR PLASTER WITH  
EXPANSION SCREEDS, FINISHED TO  
MATCH EXISTING CHURCH

NEW VERIZON WIRELESS CMU WALL  
EQUIPMENT ENCLOSURE WI EXTERIOR  
PLASTER FINISH AND COURSED BRICK  
CAP, TO MATCH EXISTING CHURCH

NEW VERIZON WIRELESS LANDSCAPED  
PLANTER AND CURB