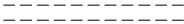
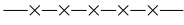
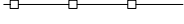
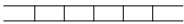


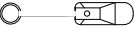
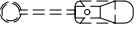

















VICINITY MAP

## DRIVING DIRECTIONS

T-1

SYMBOL		DESCRIPTION	
EOD		EDGE OF DIRT	
W/L		WHITE LINE	
ROW		RIGHT OF WAY	
EOP		EDGE OF PAVEMENT	
C/L		CENTER LINE	
C/F		CURBFACE	
P/L		PROPERTY LINE	
		EXISTING CUT	
		FENCE	
		WALL	
		DRIVEWAY	
		BUSHES	
		TREE	
		STREET LIGHT SITE POLE	
		STREET LIGHT EXISTING	
		JPA SITE POLE	
		UTILITY POLE EXISTING	
		PARKING METER/STREET SIGN	
		DOWN GUY	
		FIRE HYDRANT	
		UTILITY VALVE	
		UTILITY MANHOLE	
		SEWER MANHOLE	
		SQUARE VENT	
		ROUND VENT	
		DIG-ALERTS	
		(POC) POINT OF CURBFACE	
		ADA CURB RAMP	
LEGEND AND ABBREVIATIONS		1	GENERAL NOTES

## GENERAL NOTES AND CONDITIONS

### 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:
  - 2016 CALIFORNIA ENERGY CODE
  - 2016 CALIFORNIA BUILDING CODE
  - 2016 CALIFORNIA ELECTRICAL CODE
  - 2016 CALIFORNIA FIRE CODE
  - 2016 CALIFORNIA GREEN BUILDING CODE
  - 2016 CALIFORNIA MECHANICAL CODE
  - 2016 CALIFORNIA PLUMBING CODE
  - G095/G0128

### 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 BE DEVELOPING A MASTER SCHEDULE FOR THE PROJECT WHICH WILL 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 AT&T MOBILITY 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.

### GENERAL NOTES:

- INDEMNIFICATION CLAUSE: THE CONTRACTOR AGREES AND SHALL:  
ASSUME SOLE AND COMPLETE RESPONSIBILITY OF THE JOBSITE 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, 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 OR WORK, WHETHER THEY ARE SHOWN ON THIS PLAN OR NOT.
- THE CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT (800) 227-2800, AT LEAST TWO WORKING DAYS PRIOR TO THE START OF ANY EXCAVATION.
- THE CONTRACTOR SHALL NOTIFY THE CITY, COUNTY OR STATE ENGINEER INSPECTION DEPARTMENT AT LEAST TWO DAYS BEFORE THE START OF ANY WORK REQUIRING THEIR INVOLVEMENT.
- ALL WORK AREA AND STREET TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS OF THE WORK AREA TRAFFIC CONTROL BOOK 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 36 INCHES TO THE FINISHED GRADE AT ALL TIMES.
- THE CONTRACTOR SHALL HDD OR OPEN TRENCH ALL CURB AND GUTTERS, CONCRETE DRIVEWAYS AND WALKWAYS AT THE DIRECTION OF THE CITY, COUNTY OR STATE INSPECTOR.
- ALL AC. 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 AND STREET LIGHTING
- AT LEAST TWO DAYS PRIOR TO THE COMMENCEMENT OF ANY WORK, NOTIFY THE POLICE TRAFFIC BUREAU AND THE FIRE DEPARTMENT;
- THE CONTRACTOR WILL BE RESPONSIBLE FOR THE PROCESSING OF ALL APPLICATION PERMIT FORMS ALONG WITH THE REQUIRED LIABILITY INSURANCE FORMS, CLEARLY DEMONSTRATING THAT THE CLIENT, 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.
- CONDUIT REQUIREMENTS:  
UG-SCHEDULE 40 EXCEPT ALL RADIUS CONDUITS TO BE SCH. 80 RISERS-SCHEDULE 80.
- GROUND REQUIREMENTS:  
5/8" ROD-10' LENGTH  
#2 GROUND WIRE  
WOOD MOLDING, STAPLED EVERY 3' AND AT EACH END GROUNDS 2' FROM POLE.
- POWER REQUIREMENT FOR 3 WIRE SERVICE 120/240V.
- CONTRACTOR SHALL NOTIFY POWER & TELCO COMPANIES THREE DAYS PRIOR TO START OF CONSTRUCTION FOR CONDUIT INSPECTION.
- 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.

APPLICANT:			
<div><div>1452 EDINGER AVE. TUSTIN, CA 92780</div></div>			
ENGINEER:			
<div><div>65 POST, SUITE 1000 IRVINE, CA 92618 TEL: (949) 553-8566 <a href="http://www.eukongroup.com">www.eukongroup.com</a></div></div>			
CHECKED BY A&E:		RB	
CHECKED BY OSP:		RB	
REVISIONS:			
0	01/09/19	100% CONSTRUCTION DWG	JR
A	11/12/18	90% CONSTRUCTION DWG	SM
REV	DATE	DESCRIPTION	BY
LICENSER:			
PROJECT INFORMATION:			
HTBC2 - 005			
16511 GOLDENWEST ST. ON HEIL AVE HUNTINGTON BEACH, CA 92647			
SHEET TITLE:			
GENERAL NOTES, LEGEND AND ABBREVIATIONS			
SHEET NUMBER:			
T-2			

NOTES:

- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE WITH THE PROPERTY OWNER & NECESSARY UTILITY COMPANIES FOR THE LOCATION OF ALL EXISTING BELOW GRADE UTILITIES PRIOR TO BEGINNING CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE COSTS ASSOCIATED WITH EXISTING BELOW GRADE UTILITIES.
- CONTRACTOR TO COORDINATE WITH UTILITY COMPANY FOR CONNECTION OF TEMPORARY AND PERMANENT POWER TO THE SITE. THE TEMPORARY POWER AND ALL HOOKUP COSTS TO BE PAID BY CONTRACTOR.
- CONTRACTOR TO VERIFY LOCAL UTILITY REQUIREMENTS FOR DEPTH, SIZE & SEPARATION OF CONDUITS PRIOR TO INSTALLATION. NOTIFY CONSTRUCTION MANAGER IMMEDIATELY OF ANY DISCREPANCIES.
- CONTRACTOR TO CALL DIG ALERT (800)-227-2600 A MINIMUM OF 48 HRS PRIOR TO EXCAVATING FOR UNDERGROUND UTILITY LOCATIONS. CONTRACTOR IS RESPONSIBLE TO HAVE ALL NONPUBLIC UTILITIES LOCATED AT THEIR OWN EXPENSE.
- NEW UTILITY SERVICES SHOWN NEED TO BE VERIFIED & APPROVED BY UTILITY COMPANIES BEFORE START OF CONSTRUCTION. CONTRACTOR TO VERIFY WITH CLIENT PROJECT MANAGER TO OBTAIN FINAL APPROVAL.
- LINES SHOWN DO NOT REPRESENT THE EXACT LOCATION OF THE CONDUIT RUNS CONTRACTOR TO VERIFY SERVICE LOCATIONS w/ACTUAL FIELD CONDITIONS.
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NOTE TO CONTRACTOR:

CONCRETE SIDEWALKS SHALL BE SAWCUT TO THE NEAREST SCORE MARK AND BE REPLACED EQUAL IN DIMENSION TO THAT REMOVED.

NOTE:

CONTRACTOR TO ALLOW INGRESS AND EGRESS TO DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.

NEW EXCAVATION  
REPLACE BASE AND FINISHED  
SURFACE EQUAL TO OR GREATER  
THAN EXISTING AS PER AGENCY  
STANDARDS AND APPROVAL OF  
CITY, COUNTY OR STATE INSPECTOR.

1 SACK SLURRY MIX  
NEW 2" AT&T POWER  
OR 2" AT&T FIBER  
6" MIN.  
36" MIN. COVER

TYPICAL CONDUIT PLACEMENT DETAIL (TRENCH) N.T.S.

UNDERGROUND UTILITIES NOTE:

THE LOCATIONS AND EXISTENCE OF ANY UNDERGROUND PIPES, STRUCTURES OR CONDUITS SHOWN ON THIS PLAN WERE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. THERE MAY BE EXISTING UTILITIES OTHER THAN THOSE SHOWN ON THIS PLAN. THE CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN AND ANY OTHER LINES NOT SHOWN ON THIS PLAN.

UTILITY LINETYPE LEGEND:

POWER	_____	E	_____
PHONE	_____	T	_____
WATER	_____	W	_____
SEWER	_____	S	_____
STORM DRAWN	_____	SD	_____
GAS	_____	G	_____
GASOLINE	_____	GS	_____
OIL	_____		_____



Know what's below.  
Call before you dig.

TO OBTAIN LOCATION OF PARTICIPANTS  
UNDERGROUND FACILITIES BEFORE  
YOU DIG IN CALIFORNIA (SOUTH), CALL  
DIG ALERT  
TOLL FREE: 1-800-227-2600 OR  
www.digalert.org  
CALIFORNIA STATUTE  
REQUIRES MIN OF 2  
WORKING DAYS NOTICE  
BEFORE YOU EXCAVATE

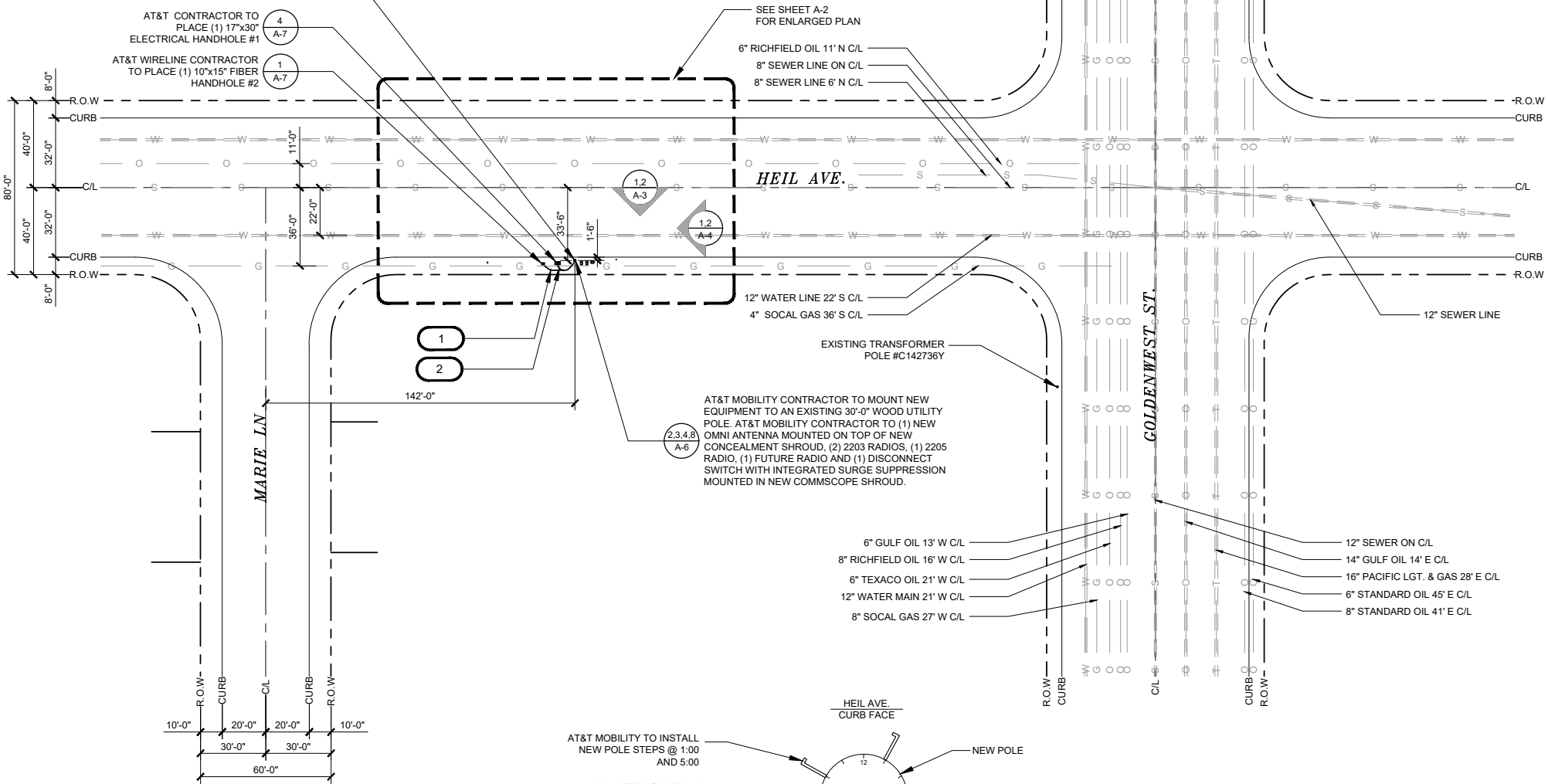
NEW FIBER HANDHOLE LOCATION		
HANDHOLE #	HANDHOLE SIZE	LOCATION
F HANDHOLE 1	10"x15" (FIBER) HANDHOLE	126'-8"± E. C/L MARIE LN. & 33'-6"± S. C/L HEIL AVE.
P HANDHOLE 2	17"x30" (POWER) HANDHOLE	134'-0"± E. C/L MARIE LN. & 33'-6"± S. C/L HEIL AVE.

NEW ITEM #	DESCRIPTION
1	15'-0" SITE POLE TO ATTWL (FIBER) HANDHOLE #1 (1) 2" SCH. 40 PVC CONDUIT (AT&T FIBER)
2	9' POWER HANDHOLE #2 TO TRENCH (1) 2" SCH. 40 PVC CONDUIT (AT&T POWER)

AT&T MOBILITY CONTRACTOR TO MOUNT NEW  
EQUIPMENT TO AN EXISTING 30'-0" WOOD UTILITY  
POLE. AT&T MOBILITY CONTRACTOR TO PLACE A NEW  
COMMSCOPE TOPPER MOUNT WITH (1) NEW OMNI  
ANTENNA, (2) 2203 RADIOS, (1) 2205 RADIO, (1) FUTURE  
RADIO AND (1) DISCONNECT SWITCH WITH  
INTEGRATED SURGE SUPPRESSION.

AT&T CONTRACTOR TO  
PLACE (1) 17"x30"  
ELECTRICAL HANDHOLE #1

AT&T WIRELINE CONTRACTOR  
TO PLACE (1) 10"x15" FIBER  
HANDHOLE #2



AT&T MOBILITY TO INSTALL  
NEW POLE STEPS @ 1:00  
AND 5:00

NEW AT&T MOBILITY 1"  
SCH-80 PVC POWER  
CONDUIT ON @ 4:00

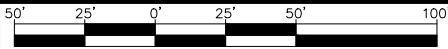
NEW AT&T MOBILITY 2"  
SCH-80 PVC FIBER  
CONDUIT ON @ 4:00

CITY PERMIT INFORMATION

HDD / OPEN TRENCH A/C STREET FOOTAGE: 0  
HDD / OPEN TRENCH CONC. PARKWAY FOOTAGE: 15'-2"  
HDD / OPEN TRENCH GRASS/DIRT PARKWAY FOOTAGE: 0  
HDD / OPEN TRENCH TOTAL PROJECT FOOTAGE: 15'-2"

SCALE

1/32"=1'-0"



1

APPLICANT:



1452 EDINGER AVE.  
TUSTIN, CA 92780

ENGINEER:



65 POST, SUITE 1000  
IRVINE, CA 92618  
TEL: (949) 553-8566  
www.eukongroup.com

CHECKED BY A&E:

RB

CHECKED BY OSP:

RB

REVISIONS:

REV	DATE	DESCRIPTION	BY
0	01/09/19	100% CONSTRUCTION DWG	JR
A	11/12/18	90% CONSTRUCTION DWG	SM

LICENSER:

PROJECT INFORMATION:

HTBC2 - 005

16511 GOLDENWEST ST. ON HEIL AVE  
HUNTINGTON BEACH, CA 92647

SHEET TITLE:

SITE PLAN

SHEET NUMBER:

A-1

SITE PLAN



- NOTES:
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE WITH THE PROPERTY OWNER & NECESSARY UTILITY COMPANIES FOR THE LOCATION OF ALL EXISTING BELOW GRADE UTILITIES PRIOR TO BEGINNING CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE COSTS ASSOCIATED WITH EXISTING BELOW GRADE UTILITIES.
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NOTE TO CONTRACTOR:

CONCRETE SIDEWALKS SHALL BE SAWCUT TO THE NEAREST SCORE MARK AND BE REPLACED EQUAL IN DIMENSION TO THAT REMOVED.

NOTE:

CONTRACTOR TO ALLOW INGRESS AND EGRESS TO DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.

UNDERGROUND UTILITIES NOTE:

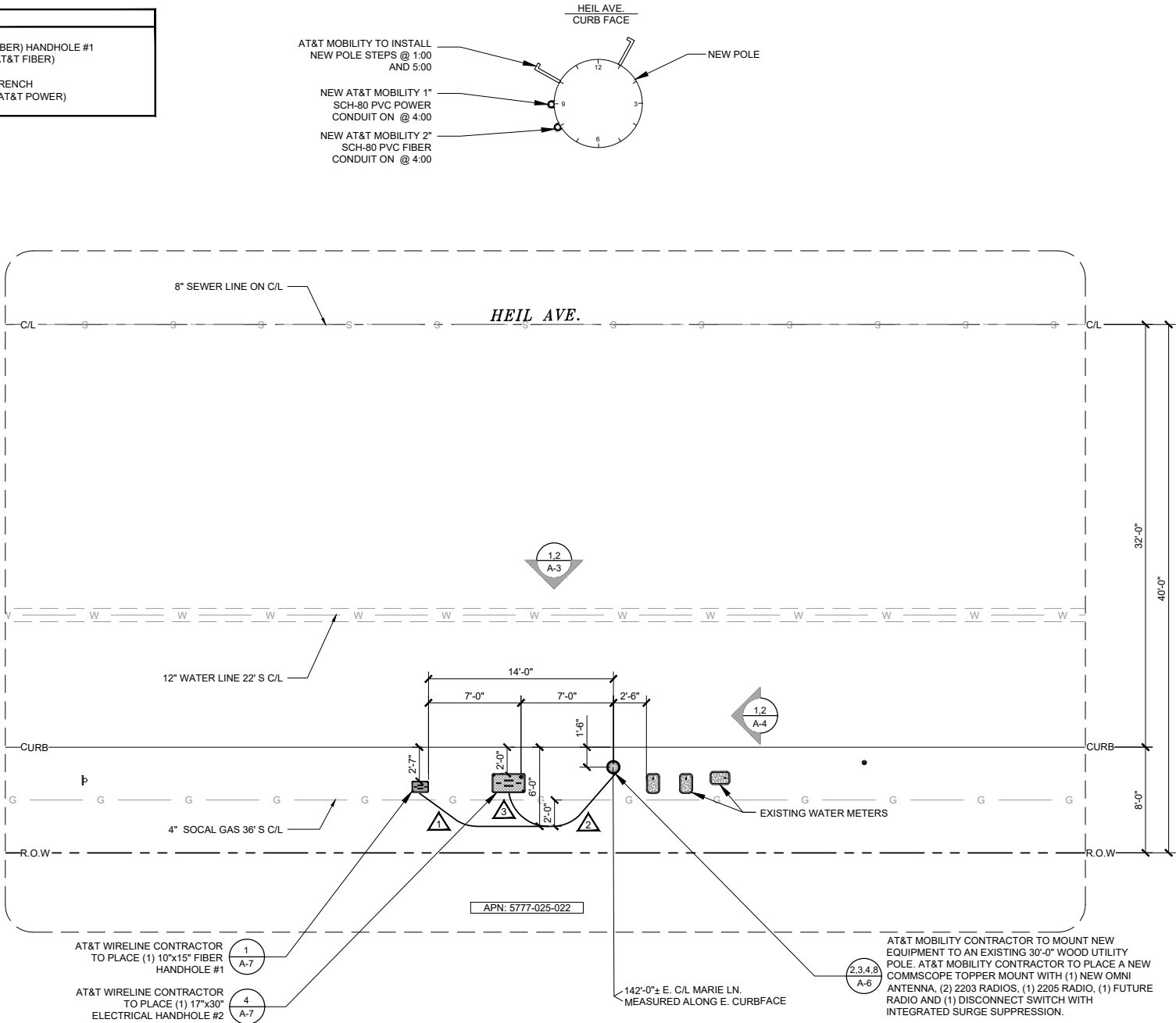
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UTILITY LINETYPE LEGEND:			
POWER	_____	E	_____
PHONE	_____	T	_____
WATER	_____	W	_____
SEWER	_____	S	_____
STORM DRAWN	_____	SD	_____
GAS	_____	G	_____
GASOLINE	_____	GS	_____
OIL	_____		_____



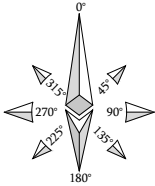
NEW FIBER HANDHOLE LOCATION		
HANDHOLE #	HANDHOLE SIZE	LOCATION
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NEW ITEM #	DESCRIPTION
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2	9' POWER HANDHOLE #2 TO TRENCH (1) 2" SCH. 40 PVC CONDUIT (AT&T POWER)



CONDUIT CURVE DATA			
	ANGLE	RADIUS	LENGTH
1	45°	3'-0"	2'-4"
2	45°	3'-0"	2'-4"
3	45°	3'-0"	3'-4"

CITY PERMIT INFORMATION	
HDD / OPEN TRENCH A/C STREET FOOTAGE:	0
HDD / OPEN TRENCH CONC. PARKWAY FOOTAGE:	15'-2"
HDD / OPEN TRENCH GRASS/DIRT PARKWAY FOOTAGE:	0
HDD / OPEN TRENCH TOTAL PROJECT FOOTAGE:	15'-2"



ENLARGED SITE PLAN

SCALE	4" 0 2' 4' 8' 16'	1
3/16"=1'-0"		

APPLICANT:



1452 EDINGER AVE.  
TUSTIN, CA 92780

ENGINEER:



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[www.eukongroup.com](http://www.eukongroup.com)

CHECKED BY A&E: RB  
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REVISIONS:

REV	DATE	DESCRIPTION	BY
0	01/09/19	100% CONSTRUCTION DWG	JR
A	11/12/18	90% CONSTRUCTION DWG	SM

LICENSER:

PROJECT INFORMATION:

HTBC2 - 005

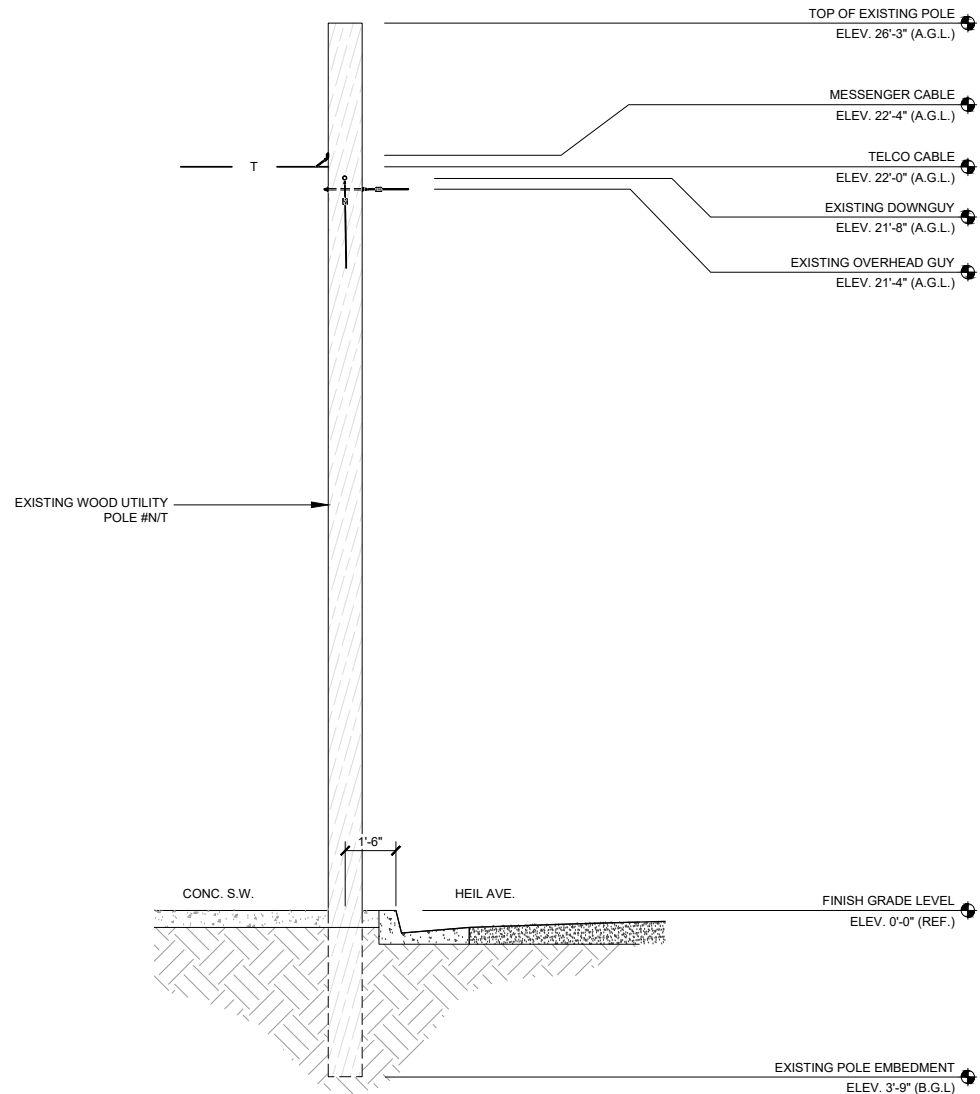
16511 GOLDENWEST ST. ON HEIL AVE  
HUNTINGTON BEACH, CA 92647

SHEET TITLE:

ENLARGED SITE PLAN

SHEET NUMBER:

A-2



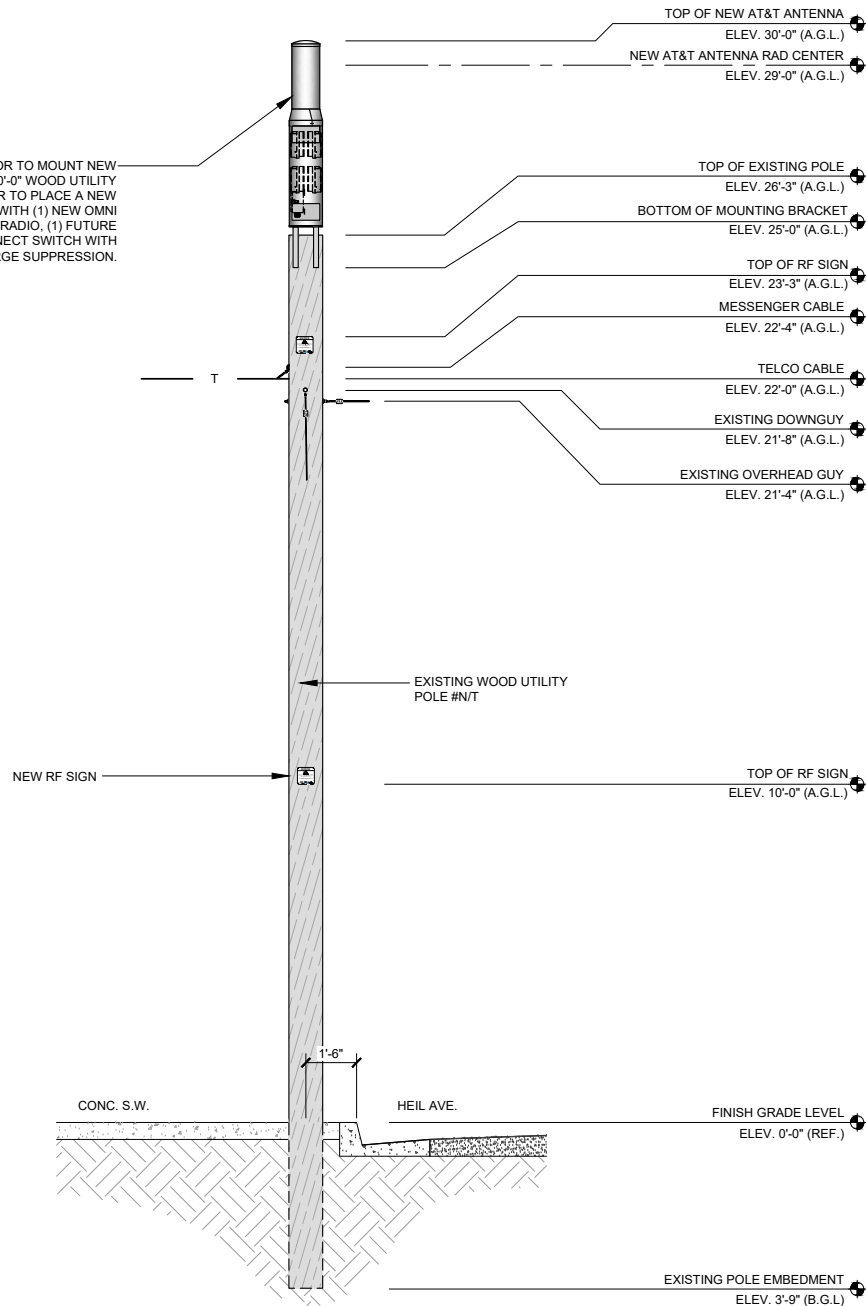
EXISTING EAST ELEVATION



1

NEW EAST ELEVATION

- MAKE READY NOTES:  
AT&T MOBILITY MAKE READY NOTES  
SITE POLE # N/T S/S HEIL AVE. W/O S. GOLDENWEST ST.
- A) AT&T MOBILITY TO MOUNT COMMSCOPE POLE EQUIPMENT CONCEALMENT SHROUD TO TOP OF POLE
  - B) AT&T MOBILITY TO PLACE 2" POWER RISER AT 8:00
  - C) AT&T MOBILITY TO PLACE 2" AT&T MOBILITY FIBER AT 10:00
  - D) AT&T MOBILITY TO STEP POLE FROM 1:00 TO 5:00



2

- NOTES:
- 1. ALL CONDUCTORS/WIRES AND CONDUIT, SHALL BE INSTALLED IN A NEAT AND TIDY FASHION. ALL EXCESS WIRE SLACK TO BE REMOVED AND HIDDEN AS MUCH AS POSSIBLE.
  - 2. ALL NEWLY INSTALLED EQUIPMENT SHALL BE PAINTED TO MATCH EXISTING POLE AND OR SURROUNDINGS UNLESS PROHIBITED PER MANUFACTURER REQUIREMENTS.

APPLICANT:



1452 EDINGER AVE.  
TUSTIN, CA 92780

ENGINEER:



65 POST, SUITE 1000  
IRVINE, CA 92618  
TEL: (949) 553-8566  
[www.eukongroup.com](http://www.eukongroup.com)

CHECKED BY A&E: RB  
CHECKED BY OSP: RB

REVISIONS:

REV	DATE	DESCRIPTION	BY
0	01/09/19	100% CONSTRUCTION DWG	JR
A	11/12/18	90% CONSTRUCTION DWG	SM

LICENSER:

PROJECT INFORMATION:

HTBC2 - 005

16511 GOLDENWEST ST. ON HEIL AVE  
HUNTINGTON BEACH, CA 92647

SHEET TITLE:

NEW AND EXISTING EAST  
ELEVATIONS

SHEET NUMBER:

A-3



1

SCALE	4' 0 2' 4' 8' 16'
1/4"=1'-0"	

2


A-4



NEW SITE LOCATION WEST VIEW


SCALE	1
NONE	

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PROJECT INFORMATION:

HTBC2 - 005  
16511 GOLDENWEST ST. ON HEIL AVE  
HUNTINGTON BEACH, CA 92647

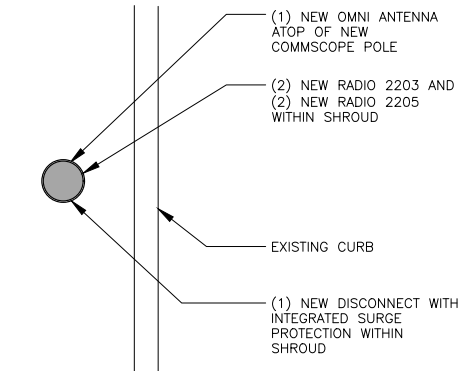
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SITE IMAGE

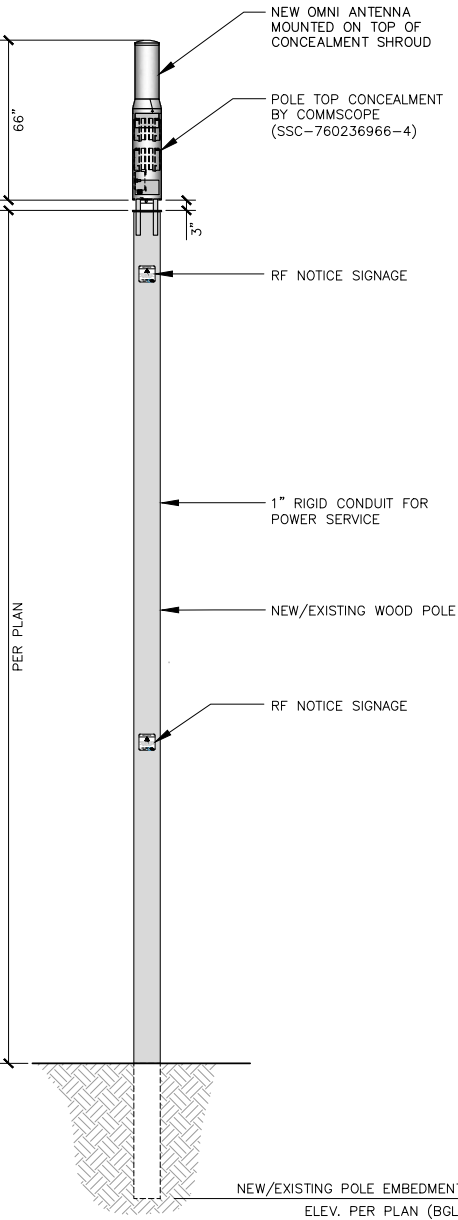
SHEET NUMBER:

A-5





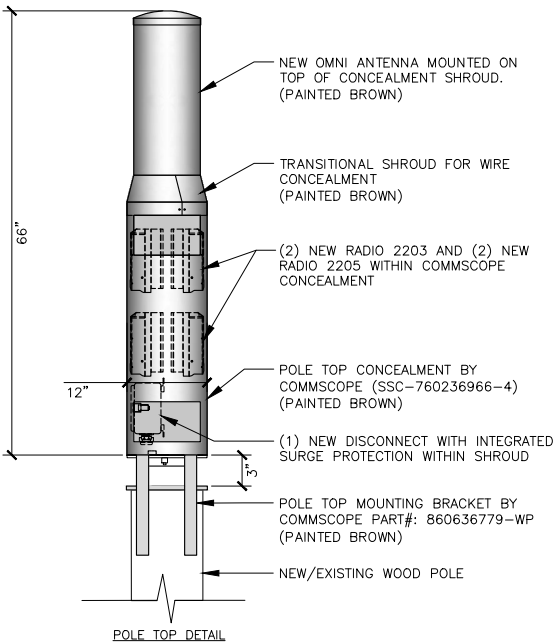
POLE PLAN VIEW



POLE ELEVATION

- NOTES:
- POLE BY GWP APPROVED OR EQUAL.
  - NEW WIRING AND CONDUIT PER EQUIPMENT MANUFACTURER SPECIFICATIONS.

COMMSCOPE - SSC-760236966-4  
CONCEALMENT SHROUD



CONCEALMENT (SSC-760236966)

SCALE  
NONE

2



NOTICE

RF energy emitted by this device may exceed the FCC's general public exposure limits. Stay at least 1 foot away from the device. Call 800-638-2822 for help if you need access within 1 foot



AVAILABLE FROM EXCEL SIGN AND DECAL:  
<http://www.weneedsigns.com/home.php?cal+1135> AND CLICK ON AT&T  
PH: 510-651-0445  
N01-DC-16 1"x6" NOTICE DECAL  
"For 1 Foot Distance" VINYL DECAL WITH ADHESIVE BACKING

Place three NOTICE sticker at the bottom of the front of the radome of each antenna.

1. GENERAL CONTRACTOR TO REVIEW AND ADHERE TO THE APPENDIX OF THE COMPLIANCE DOCUMENTATION FOR EACH SITE

OMNI ANTENNA DISCLAIMER LABEL

SCALE  
NONE

5

RAYCAP - RSCAC-6533-P-120-D

MECHANICAL

CONNECTION TERMINAL (POWER):

ENVIRONMENTAL INGRESS PROTECTION (IP) RATING:  
OPERATION TEMPERATURE:  
STORAGE TEMPERATURE:  
ENCLOSURE TYPE (OUTDOOR) POLYCARBONATE:  
ENCLOSURE DIMENSION:

WEIGHT:

COMPRESSION LUG #6 - #14 AWG (13 - 2MM<sup>2</sup>)  
TERMINAL BLOCK #10-#26 AWG (6 - 0.14MM<sup>2</sup>)  
NEMA 4X  
(°C) -40° C TO +80° C  
(°C) -70° C TO +80° C  
UL 94V-0 RATED  
(L x W x H) 8.58" x 5.06" x 10.08"  
[217 x 128 x 256 MM]  
2.25 LBS [1.02KG]

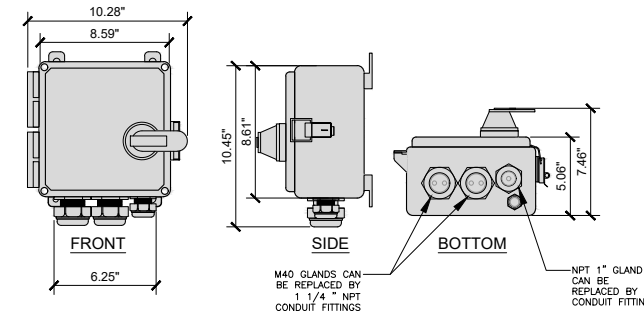
ELECTRICAL

SURGE PROTECTION DEVICE (SPD) TYPE TO UL:  
NUMBER OF CIRCUITS PROTECTED:  
SURGE PROTECTIVE DEVICE (SPD) TYPE PER UL 1449 4TH EDITION:  
SURGE PROTECTION DEVICE (SPD) CLASS TO IEC 61643-11:  
NOMINAL OPERATING VOLTAGE [Un]:  
NOMINAL DISCHARGE CURRENT [In] PER UL 1449 4TH EDITION:  
MAXIMUM DISCHARGE CURRENT [Imax] PER IEC 61643-11:  
MAXIMUM CONTINUOUS OPERATING VOLTAGE [Uc] (MCOV):  
VOLTAGE PROTECTION LEVEL [Up] PER IEC 61643-11:  
VOLTAGE PROTECTION RATING (VPR):  
SUPPRESSION TECHNOLOGY:  
PROTECTION MODES (DUAL MODE):

STRIKESORB 30-A  
4  
TYPE 2 COMPONENT ASSEMBLY  
CLASS II  
120 V

20 KA 8/20 MS  
60 KA 8/20 MS  
150V  
700V  
20 KA 8/20  
MOV  
LINE TO NEUTRAL, NEUTRAL TO GROUND

STRIKESORB MODULES ARE COMPLIANT TO THE FOLLOWING SURGE PROTECTIVE DEVICE (SPD) STANDARDS:  
UL 1449 4TH EDITION: 2011, IEC 61643-11: 2011, EN 61643-11: 2012, IEEE C62.11: 2005, IEEE C62.41: 2002, IEEE C62.45: 2002, NEMA-LS-1 CERTIFICATION UL, VDE, CE



RAYCAP DISCONNECT / SUPPRESSOR

SCALE  
NONE

3

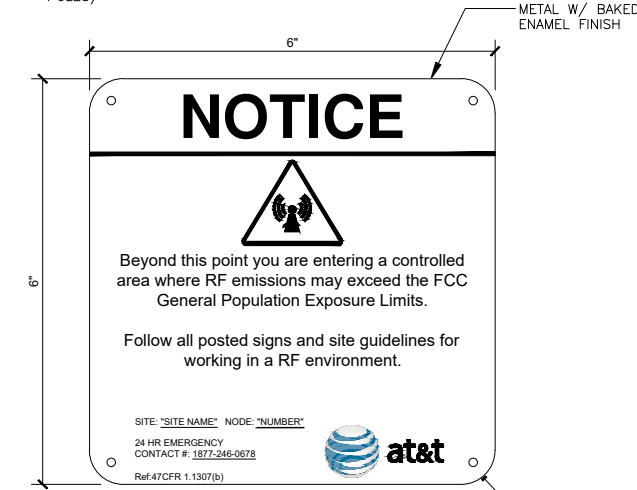
NOTES:

1. AFFIX REQUIRED SIGNAGE AT TWO LOCATIONS ON THE SUPPORT STRUCTURE SO THEY ARE CLEARLY VISIBLE

INSTALL 3-4 FEET BELOW ANTENNA  
(MEASURED FROM TOP OF SIGN)

INSTALL 9-10 FEET ABOVE THE GROUND  
(MEASURED FROM BOTTOM OF SIGN)

2. SIGNS OR DECALS SHALL BE MADE OF WEATHER, CORROSION AND ULTRAVIOLET (UV) RESISTANT MATERIALS. AT A MINIMUM, EACH SIGN OR DEAL SHALL INDICATE THE; ANTENNA OWNER/ OPERATORS NAME, EMERGENCY 24-HOUR CONTACT NUMBER, UNIQUE IDENTIFIER FOR THE ANTENNA SITE, AND GWP EQUIPMENT CATALOG NUMBER FOR POLE TOP INSTALLATIONS (WHEN INSTALLING ON GWP POLES)



1. SIGN "A" IS TO BE MADE ON 32 MIL ALUMINUM SHEETING.

2. SIZE SHALL BE 6" BY 6" WITH 3/16" MOUNTING HOLES IN EACH CORNER OF THE SIGN FOR OPTIONAL MOUNTING.

3. SIGN SHALL COMPLY WITH ANSI C95.2 COLOR, SYMBOL, AND CONTENT CONVENTIONS.

RF NOTICE SIGNAGE

SCALE  
NONE

7

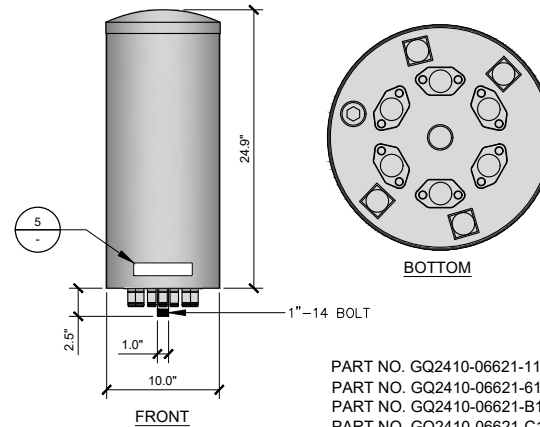
GALTRONICS - GQ2410-06621  
PSEUDO OMNI CANISTER ANTENNA

MECHANICAL

DIMENSIONS (HEIGHTxDIAMETER): 24.9 x 10 INCHES  
(634 x 255 mm)  
WEIGHT EXCL MOUNTING BRACKETS: 17.2lbs (7.8 kg)  
NO. OF CONNECTORS 10 X 4.3-10 DIN FEMALE  
CONNECTOR TYPE & FREQUENCY BAND [MHz]: 10 X 4.3-10 DIN FEMALE  
1695-23600\3550-3700\5150-5925

4 X 4.3-10 DIN FEMALE  
(1695-23600) MHz  
4 X 4.3-10 DIN FEMALE  
(3550-3700) MHz  
2 X 4.3-10 DIN FEMALE  
(5150-5950) MHz

MAX WIND SPEED: 150 mph  
RADOME MATERIAL: ASA



GALTRONICS GQ2410-06621 OMNI

SCALE  
NONE

4

ERICSSON - RADIO 2203 / 2205

MECHANICAL SPECIFICATIONS

DIMENSIONS (WxDxH): 7.87"x7.87"x3.94", INCLUDING MOUNTING BRACKET AND ESTHETIC FRONT COVER

VOLUME AND WEIGHT: 4 LITRES AND < 4.5 kg  
(9.92 lbs)  
MOUNTING: WALL AND POLE MOUNT

INTERFACE SPECIFICATIONS:

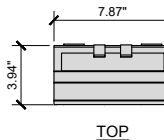
ANTENNA PORTS: 2 x 4.3-10(F)  
CPRI: 2 x 2.5/5/10 Gbps  
(EXCHANGEABLE SFP MODULES)  
OPTICAL INDICATORS: 6  
EXTERNAL ALARM: 2  
FIELD GROUND: 1



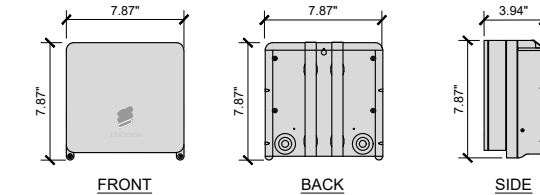
ISO

ELECTRICAL SPECIFICATIONS:

POWER SUPPLY: -48 VDC OR 100 -250 VAC  
POWER OUTPUT: 97 WATTS MAX  
MAX HEAT DISSIPATION: 90 WATTS  
MINIMUM AC FUSE RATING: 6 AMP



TOP



FRONT

BACK

SIDE

RADIO 2203 / 2205

SCALE  
NONE

8

APPLICANT:



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ENGINEER:



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TEL: (949) 553-8566  
[www.eukongroup.com](http://www.eukongroup.com)

CHECKED BY A&E: RB  
CHECKED BY OSP: RB

REVISIONS:

REV	DATE	DESCRIPTION	BY
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A	11/12/18	90% CONSTRUCTION DWG	SM

LICENSER:

PROJECT INFORMATION:

HTBC2 - 005

16511 GOLDENWEST ST. ON HEIL AVE  
HUNTINGTON BEACH, CA 92647

SHEET TITLE:

EQUIPMENT DETAILS

SHEET NUMBER:

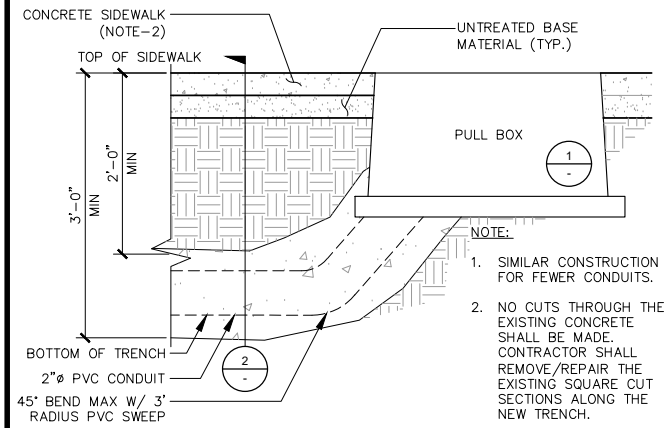
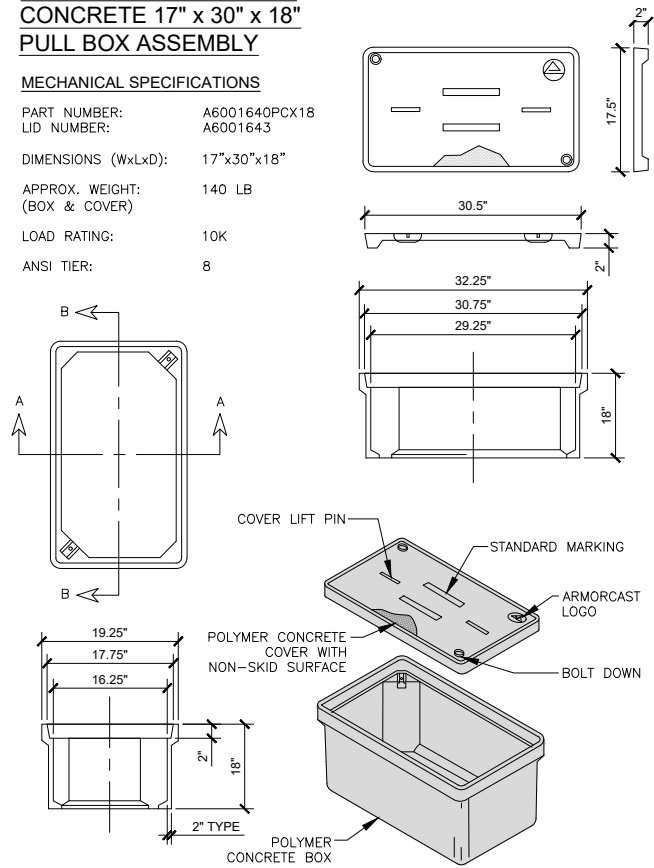
A-6



ARMORCAST - POLYMER  
CONCRETE 17" x 30" x 18"  
PULL BOX ASSEMBLY

MECHANICAL SPECIFICATIONS

PART NUMBER: A6001640PCX18  
LID NUMBER: A6001643  
DIMENSIONS (WxLxD): 17"x30"x18"  
APPROX. WEIGHT: 140 LB  
(BOX & COVER)  
LOAD RATING: 10K  
ANSI TIER: 8



HANDHOLE SPECIFICATIONS

SCALE  
NONE

CONDUIT STUB-UP/TRENCH DETAIL

SCALE  
NONE

NOT USED

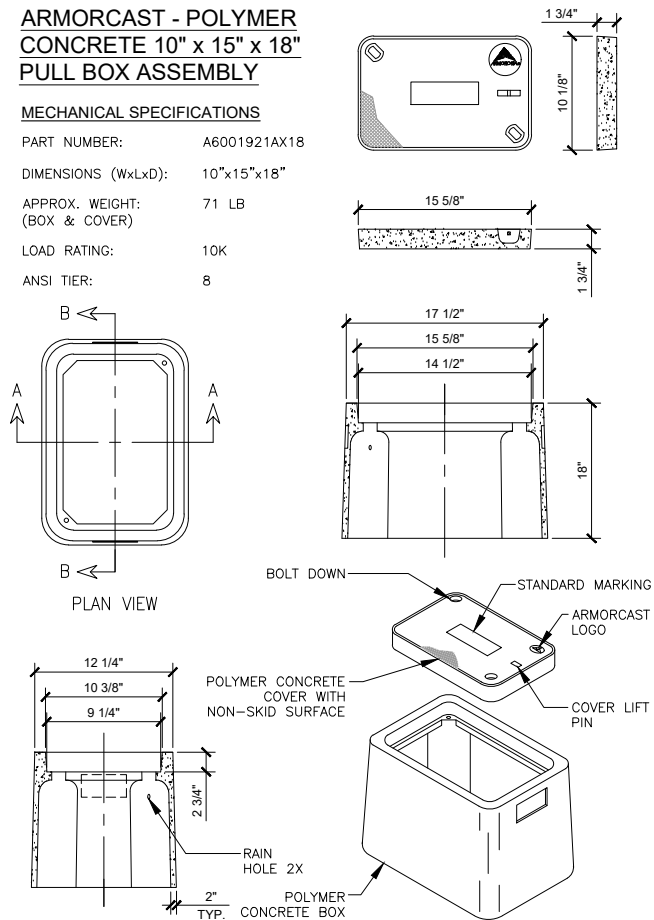
SCALE  
NONE

3

ARMORCAST - POLYMER  
CONCRETE 10" x 15" x 18"  
PULL BOX ASSEMBLY

MECHANICAL SPECIFICATIONS

PART NUMBER: A6001921AX18  
DIMENSIONS (WxLxD): 10"x15"x18"  
APPROX. WEIGHT: 71 LB  
(BOX & COVER)  
LOAD RATING: 10K  
ANSI TIER: 8



HAND HOLE SPECIFICATIONS

SCALE  
NONE

NOT USED

SCALE  
NONE

NOT USED

SCALE  
NONE

NOT USED

SCALE  
NONE

7

APPLICANT:



1452 EDINGER AVE.  
TUSTIN, CA 92780

ENGINEER:



65 POST, SUITE 1000  
IRVINE, CA 92618  
TEL: (949) 553-8566  
www.eukongroup.com

CHECKED BY A&E: RB  
CHECKED BY OSP: RB

REVISIONS:

REV	DATE	DESCRIPTION	BY
0	01/09/19	100% CONSTRUCTION DWG	JR
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LICENSER:

PROJECT INFORMATION:

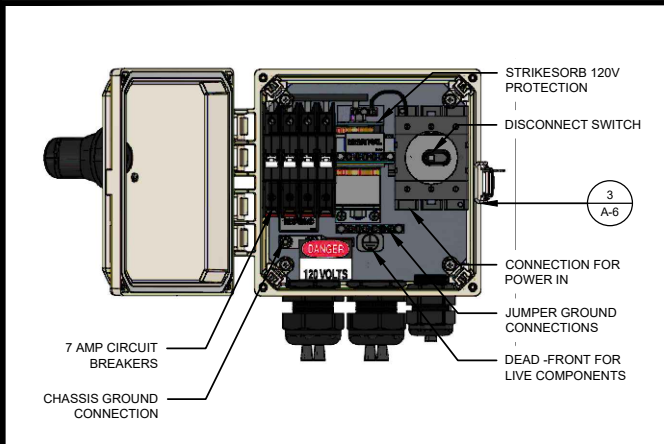
HTBC2 - 005  
16511 GOLDENWEST ST. ON HEIL AVE  
HUNTINGTON BEACH, CA 92647

SHEET TITLE:

CONSTRUCTION DETAILS

SHEET NUMBER:

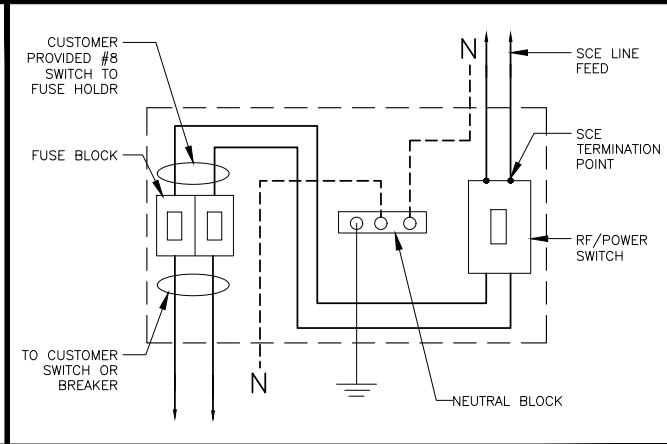
A-7



BREAKER SCHEDULE	SCALE NONE	1
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- GROUND BONDS:** ALL BONDS ARE TO BE MADE WITH #6 AWG STRANDED COPPER IN GREEN INSULATION. (ATT-TP-76416 7, 6.7)
- EXTERIOR UNIT BONDS:** ALL METALLIC OBJECTS SHALL BE BONDED TO THE GROUND ROD. (ATT-TP-76416 7, 12.6)
- CONTRACTOR TO SURROUND COMPLETED CONNECTIONS WITH WEATHERPROOFING TAPE OR EQUAL TO.

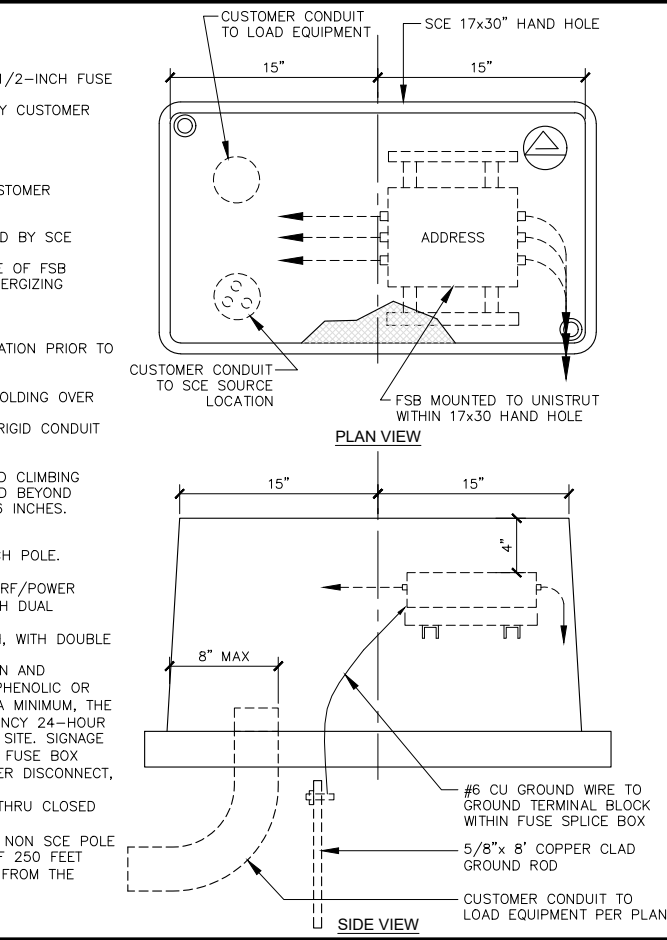
GROUNDING NOTES	SCALE NONE	2
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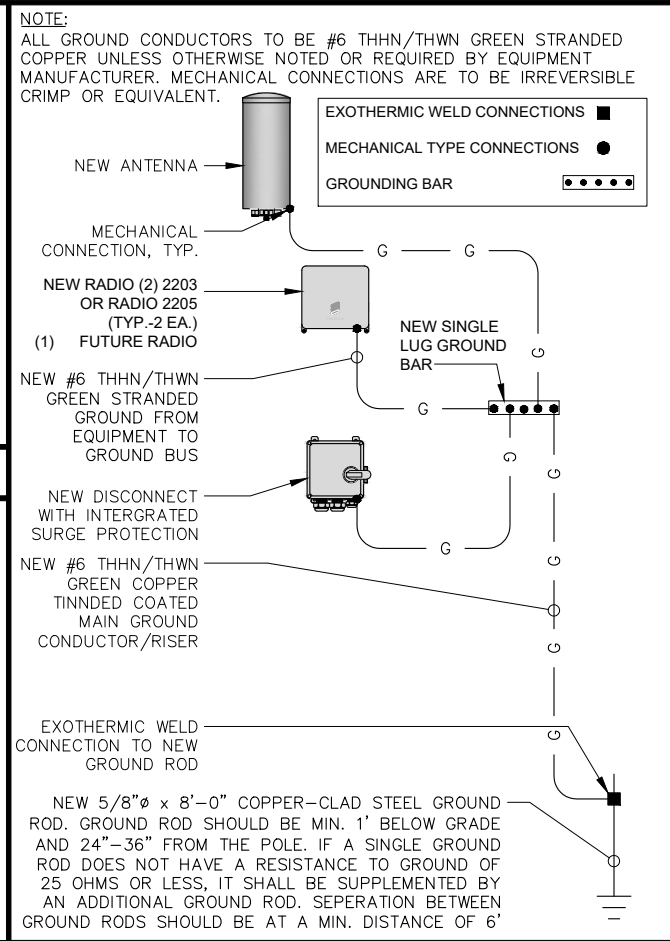
NOT USED	SCALE NONE	3
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- CABINET TO INCLUDE:
- INSIDE PANEL FOR MOUNTING OF:
  1. ISOLATION SWITCH
  2. FUSEHOLDER--BUSS #BM6032B OR EQUIVALENT TO ACCEPT 13/32-INCH X 1-1/2-INCH FUSE
  3. SINGLE-POLE TERMINAL BLOCK FOR NEUTRAL CONDUCTOR TERMINATION
  4. ISOLATION SWITCH, FUSE HOLDER, AND NEUTRAL TERMINAL SHALL BE LABELED BY CUSTOMER
- CABINET REQUIREMENTS:
1. NEMA 3R--HINGE COVER, PADLOCKABLE
  2. FUSE SPICE BOX (FSB) SIZE 12" W X 12" H X 6" D
  3. FSB TO BE MOUNTED ON POLE BY WAY OF MOUNTING PLATES SUPPLIED BY CUSTOMER
- FUSE REQUIREMENTS:
1. CUSTOMER INSTALLS FUSES AND REPLACEMENT, IF NEEDED, ONCE FSB UNLOCKED BY SCE
  2. FUSE RATING TO BE APPROVED BY SCE
  3. ONE SPARE SET OF FUSES, SUPPLIED BY CUSTOMER, ARE TO BE PLACED INSIDE OF FSB
  4. FUSE RATING TO BE LABELED BY CUSTOMER INSIDE OF FSB DOOR PRIOR TO ENERGIZING SERVICE.
- NOTE(S):
1. CUSTOMER TO NOTIFY SCE FOR APPROVAL OF FUSE SPICE BOX MOUNTING LOCATION PRIOR TO INSTALLATION.
  2. SCE PERSONNEL TO NOTIFY IMS GROUP IF FUSES ARE REPLACED.
  3. ARMORED GROUND WIRE OR MINIMUM OF 1/2-INCH RIGID CONDUIT OR WOOD MOLDING OVER GROUND WIRE.
  4. GROUND WIRE FROM POLE TO ELECTRODE SHALL BE ENCLOSED IN GALVANIZED RIGID CONDUIT OR EQUIVALENT MECHANICAL PROTECTION.
  5. SUBJECT TO LOCAL CODES/ORDINANCES WHERE APPLICABLE.
  6. FOR JOINTLY-OWNED POLES, CUSTOMER TO PROVIDE POLE STEPS FOR IDENTIFIED CLIMBING SPACE UP TO CELLULAR ARM LEVEL. SCE TO PROVIDE POLE STEPS AS REQUIRED BEYOND CELLULAR ARM LEVEL. LOWEST LEVEL STEP SHALL NOT BE LESS THAN 7 FEET 6 INCHES. SPACING SHALL NOT EXCEED 36 INCHES.
  7. CLIMBING SPACE ON POLE SHALL MEET G.O. 95 REQUIREMENTS.
  8. CUSTOMER EQUIPMENT FOR WTR TARIFF IS NOT TO BE INSTALLED ON SCE SWITCH POLE.
  9. THIS STANDARD APPLICABLE TO WTR TARIFF ONLY.
  10. SCE CREW TO LOCK FSB WITH #203 LOCK AFTER SERVICE IS ENERGIZED THRU RF/POWER SWITCH TO OPEN CUSTOMER SCE EMERGENCY RF/POWER SHUT-OFF SWITCH WITH DUAL LOCKING DEVICE TO ALLOW SCE ACCESS.
  11. OPTIONAL LOCATION OF CUSTOMER'S EMERGENCY RF/POWER DISCONNECT SWITCH, WITH DOUBLE LOCKING DEVICE.
  12. CELL CARRIERS SHALL INSTALL A SIGN OR DECAL MADE OF WEATHER, CORROSION AND ULTRAVIOLET (UV) RESISTANT MATERIALS (E.G., MACHINE-ENGRAVED, LAMINATED-PHENOLIC OR REFLECTIVE SCOTCHLITE MATERIALS) PLACED OUTSIDE THE FUSE BOX DOOR. AT A MINIMUM, THE SIGN OR DECAL SHALL INDICATE THE ANTENNA OWNER/OPERATOR NAME, EMERGENCY 24-HOUR CONTACT NUMBER, AND UNIQUE IDENTIFIER OR NOC NUMBER FOR THE ANTENNA SITE. SIGNAGE SHALL BE PLACED AT 8'-0" MINIMUM TO 11'-0" MAXIMUM ON THE OUTSIDE OF FUSE BOX DOOR. LABELING SHALL BE PLACED INSIDE THE FUSE BOX IDENTIFYING; RF/POWER DISCONNECT, AND FUSE BLOCK WITH AMPACITY OF FUSE IN USE.
  13. INSTALL #8, 3 1/c TW CU FOR OVERHEAD. REFER TO DUG AP 100. ENERGIZE THRU CLOSED RF/POWER SWITCH TO OPEN CUSTOMER-FUSED SWITCH..
  14. ANTENNA WITH EMERGENCY RF/POWER DISCONNECT SWITCH MAY BE PLACED ON NON SCE POLE WHERE THERE IS VEHICULAR ACCESS TO THE POLE, THE POLE IS A MAXIMUM OF 250 FEET RADIALLY, AND THE POLE/ANTENNA IS CLEARLY VISIBLE WITH NO OBSTRUCTIONS FROM THE WIRELESS TECHNOLOGY RATE (WTR) BOX LOCATION

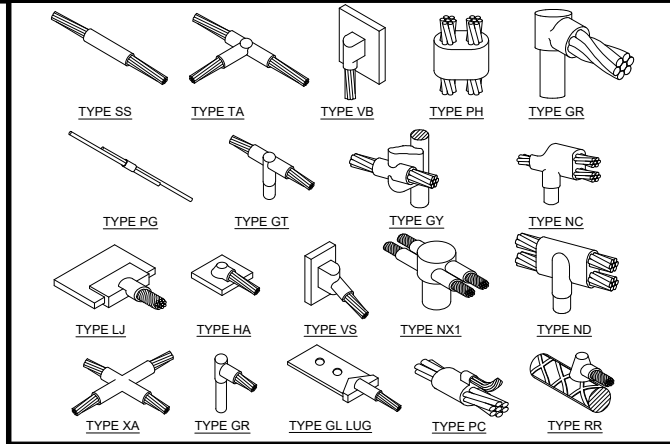
FSB WIRING DIAGRAM	SCALE NONE	4
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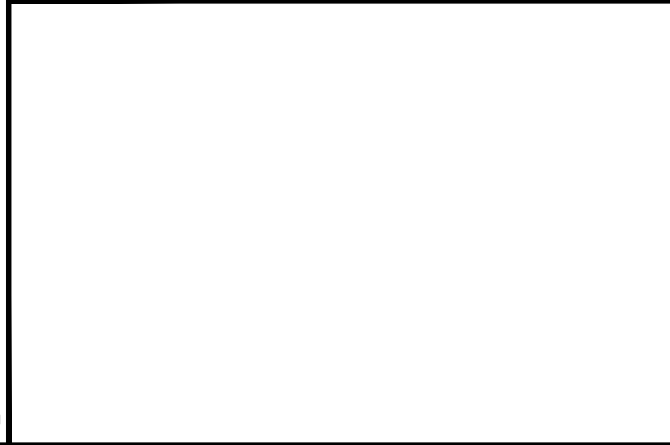
WTR FUSE SPICE BOX (FSB) IN HAND HOLE	SCALE NONE	7
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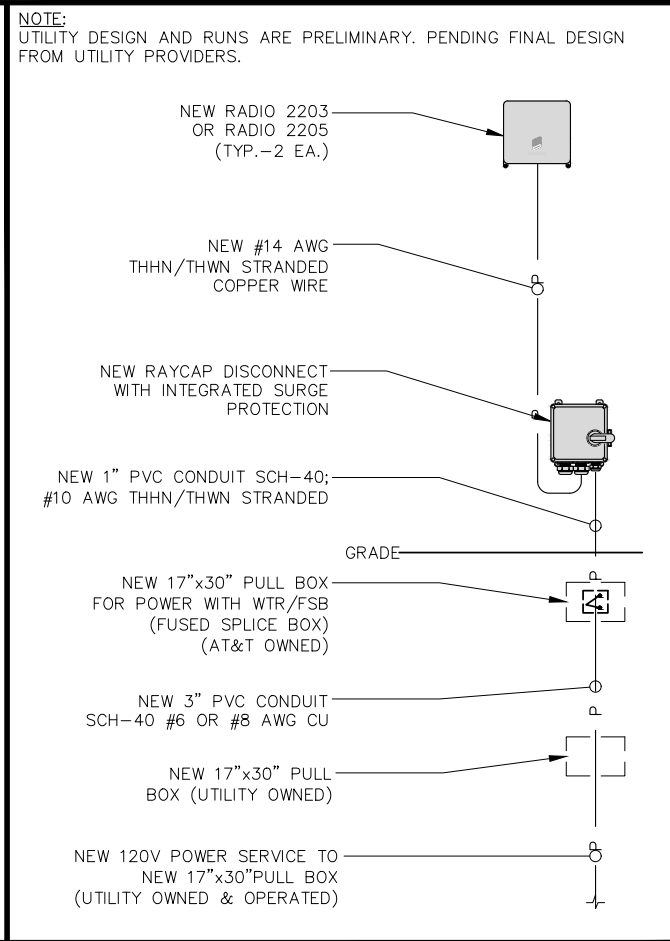
GROUNDING SCHEMATIC	SCALE NONE	5
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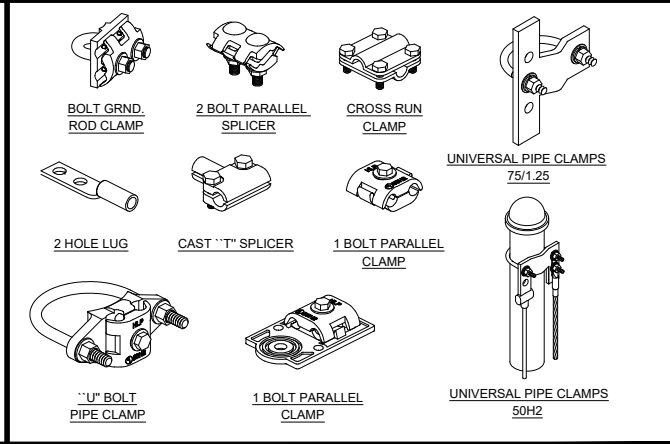
EXOTHERMIC CONNECTIONS	SCALE NONE	8
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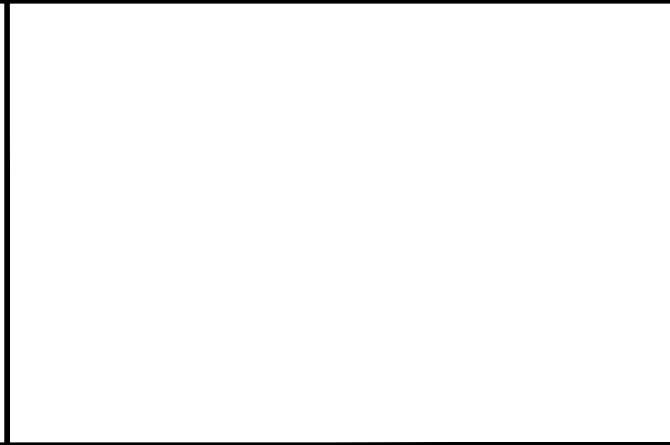
NOT USED	SCALE NONE	10
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ONE-LINE DIAGRAM	SCALE NONE	6
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MECHANICAL CONNECTIONS	SCALE NONE	9
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NOT USED	SCALE NONE	11
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REV	DATE	DESCRIPTION	BY

LICENSER:

PROJECT INFORMATION:

HTBC2 - 005

16511 GOLDENWEST ST. ON HEIL AVE  
HUNTINGTON BEACH, CA 92647

SHEET TITLE:

ELECTRICAL AND  
GROUNDING DETAILS

SHEET NUMBER:

E-1