

(3) PROPOSED 5G SAMSUNG VZ-AT1K01 ANTENNAS / RADIOS GEN2 IN POLE TOP MOUNT POSITION

FIBER CONDUIT TO ANTENNAS/RADIOS FOR FIBER CABLES

FIBER CONDUIT TO ANTENNAS/RADIOS FOR FIBER CABLES

FIBER PANEL BOX

ELECTRIC RING TYPE METER

LOAD CENTER W/INTEGRATED DISCONNECT

POLE CUTOUT & BOTTOM OF FIBER PANEL BOX

10.75" POLE DIA.

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GRADE

GRADE

2'-0"

2'-0"

EMBEDMENT

EMBEDMENT

8'-0"

8'-0"

SIDE VIEW

FRONT VIEW

6'-0"

6'-0"

4'-10"

4'-10"

ELECTRIC RING TYPE METER

POWER LINE GOING TO METER/ANTENNAS

FIBER CONDUIT GOING TO HANDHOLE

POWER LINE GOING TO METER/ANTENNAS

FIBER CONDUIT GOING TO HANDHOLE

NOTE:
 1. CONTRACTOR TO VERIFY LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO ANY CONSTRUCTION, EXCAVATION, OR TRENCHING.
 2. CONTRACTOR TO PROVIDE NECESSARY ADDITIONAL PIPE & ANCILLARY MATERIAL TO BE ABLE TO MOUNT PANEL & CAN ANTENNAS.
 3. ALL EQUIPMENT SHALL BE PAINTED TO MATCH EXISTING POLE. IF PAINTING IS REQUIRED, CHECK WITH RF FOR RF APPROVED PAINT SPECS.

NOTE:
 FOR POLE AND EQUIPMENT INFORMATION REFERENCE DRAWING NUMBER 1002-0020-0026 BY EMI; DATED NOVEMBER 7, 2018.

VERIFIED AGAINST RFDS DATED 11/01/2019

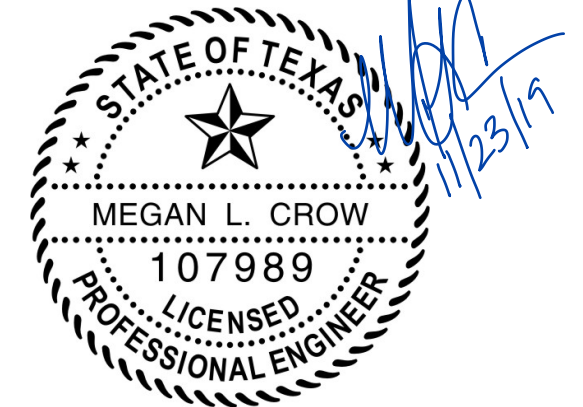
ELEVATIONS	
TOTAL OVERALL HEIGHT	41'-1" AGL
CL OF PROPOSED 5G ANTENNA	40'-6" AGL
TOP OF POLE	40'-11" AGL

ANTENNA AZIMUTHS	
ALPHA SECTOR	0°
BETA SECTOR	120°
GAMMA SECTOR	240°
NOTE: LISTED AZIMUTHS REFERENCE TRUE NORTH AS 0°	



KGI WIRELESS, INC.
 ENGINEERING
 805 LAS CIMAS PKWY
 BUILDING THREE, SUITE 370
 AUSTIN, TX 78746
 512.345.9595

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



MC2 ENGINEERING AND CONSTRUCTION, P.C.
 HAS NOT PERFORMED A STRUCTURAL EVALUATION OR FOUNDATION DESIGN OF THIS PROJECT.

SITE NAME:
HOU_KATY_119

LOCATION CODE:
569186

SITE ADDRESS:
 NORTHEAST OF INTERSECTION OF COLONIAL PKWY. & CHRISTOPHER WREN LN.
 KATY, TX 77449

THESE DRAWINGS ARE THE PROPERTY OF VERIZON WIRELESS. THEY ARE INTENDED FOR THE EXCLUSIVE USE OF THIS PROJECT ONLY. ANY RE-USE OF THESE PLANS (DRAWINGS) WITHOUT THE EXPRESS WRITTEN CONSENT OF VERIZON WIRELESS IS PROHIBITED.

ISSUED FOR: PERMITTING REV 0 DATE: 11/21/19

REVISION			
NO	DESCRIPTION	BY	DATE

SHEET TITLE:
ELEVATION DETAILS

SHEET NUMBER:
EV-1

POLE ELEVATION
 SCALE: NOT TO SCALE

1

FIBER BORE TO THE HANDHOLE