



3171 SE Inner Loop
Georgetown, TX
78626

T: (512) 663-7461
F: (512) 681-9752

May 05, 2017

Dwayne Gossett
Williamson County, Texas
3101 SE Inner Loop
Georgetown, TX 78620

Re: North Campus Facilities

Job No: 233901

Subj: Change Proposal No. 233901-0008

Dear Sir or Madam:

We respectfully submit our proposal for an increase to our contract in the amount of \$0 (zero) dollars to provide Adding Bollards to Transformer Pads Per RFI 040 for the above referenced project.

Our price is valid for Ten (10) days

Please indicate your acceptance of this change proposal by signing and returning one copy of the attached Form B breakdown of our cost.

Very truly yours,
VAUGHN CONSTRUCTION

A handwritten signature in blue ink, appearing to read "DBoram", written over the company name.

Doug Boram

Attachments:

CC:

FORM B

PROJECT: North Campus Facilities

CHANGE PROPOSAL NO: 233901-0008

QUOTATION :

Item	Labor	Materials	Subs	Total
Adding Bollards to Transformer Pads Per RFI 040	\$0.00	\$0.00	\$3,450.00	\$3,450.00
To Be Funded By Owners Contingency	\$0.00	\$0.00	\$(3,450.00)	\$(3,450.00)

Totals	\$0.00	\$0.00	\$0.00	\$0.00
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Insurance, Tax, Benefits on Labor	\$0.00
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Overhead	\$0.00
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Fee on Subs	\$0.00
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Fee on JTV	\$0.00
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Bond	\$0.00
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Remodel Tax	\$0.00
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TOTAL	\$0.00
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TIME EXTENSION TO CONTRACT: 0 Days

Submitted Date: 5/5/2017

Accepted

VAUGHN CONSTRUCTION

By: 

Date

05.31.2015

By: 

Doug Boram

Proposal Valid for 10 Days

Funds Tracking Log

Change Proposal No.	Change Type & No.	Time Extension (Days)		GMP Breakdown					GMP #2339.01	Total Updated Contract Amount
		Pending	Approved	Cost of Work	CM Contingency	Owner Contingency	General Conditions	Construction Phase Fee		
N/A	GMP	-	-	\$18,195,395	\$406,771	\$406,772	\$1,896,522	\$625,467	\$21,530,927	\$21,530,927
1	OCO	0	0	\$3,659	\$0	(\$3,659)	\$0	\$0	\$0	\$21,530,927
2	OCO	10	10	\$114,186	\$0	(\$114,186)	\$0	\$0	\$0	\$21,530,927
3	OCO	0	-	\$1,727	\$0	(\$1,727)	\$0	\$0	\$0	\$21,530,927
4	OCO	0	-	\$19,494	\$0	(\$19,494)	\$0	\$0	\$0	\$21,530,927
5	OCO	0	-	\$19,676	(\$19,676)	\$0	\$0	\$0	\$0	\$21,530,927
6	OCO	0	-	\$14,465	(\$14,465)	\$0	\$0	\$0	\$0	\$21,530,927
7	OCO	0	-	\$2,237	\$0	(\$2,237)	\$0	\$0	\$0	\$21,530,927
8	OCO	0	-	\$3,450	\$0	(\$3,450)	\$0	\$0	\$0	\$21,530,927
9		-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$21,530,927
10		-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$21,530,927
11		-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$21,530,927
12		-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$21,530,927
13		-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$21,530,927
14		-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$21,530,927
15		-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$21,530,927
16		-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$21,530,927
17		-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$21,530,927
18		-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$21,530,927
19		-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$21,530,927
20		-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$21,530,927
21		-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$21,530,927
22		-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$21,530,927
23		-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$21,530,927
24		-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$21,530,927
25		-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$21,530,927
26		-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$21,530,927
27		-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$21,530,927
28		-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$21,530,927
29		-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$21,530,927
30		-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$21,530,927
Current Amounts		10	10	\$18,374,289	\$372,630	\$262,019	\$1,896,522	\$625,467	\$21,530,927	\$21,530,927

GMF Construction of Texas, LLC

529 E Mulberry St.
Angleton, TX 77515
Phone: (863) 577-0210
Fax: (863) 644-7687

Request for Change Order

To: Vaughn Construction
152 Carrie Street
Houston, TX 77047
Project: Williamson County NCF

RFC No: 05
Date: 5/4/2017
Description: RFI 40 Transformer Bollards

Furnish only additional cast in place and bolt down bollards per RFI 40.

The above work is subject to the same conditions as specified in the original contract unless otherwise stipulated.

Upon approval the sum of \$3,450.00 will be added to the contract price.

Original Contract	\$1,066,657.00
Other Approved Change Orders	\$0.00
Total Contract to Date	\$1,066,657.00
This Request	\$3,450.00
Other Pending Requests	\$24,585.00
Total Contract Plus Pending RFCs	\$1,094,692.00

Authorized Signature: _____ Date: _____
GMF Construction of Texas, LLC

Authorized Signature: _____ Date: _____
Vaughn Construction



REQUEST FOR CHANGE

RFC #	5	DATE	5/1/2017
JOB NAME	Williamson County		
JOB NUMBER	16-1106		
BRIEF DESCRIPTION	RFI 40 Transformer Bollards		
PHONE FAX	DATE OF WORK		5/1/2017

DESCRIPTION OF WORK:

Furnish only additional cast in place and bolt down bollards per RFI 40.

MATERIAL	QTY	U/M	RATE	AMOUNT	EQUIPMENT/CONSUMABLES	QTY	RATE	AMOUNT
		-	\$ -	\$ -	-		\$ -	\$ -
		-	\$ -	\$ -	-		\$ -	\$ -
Cast In Place Bollard		-	\$ -	\$ -	-		\$ -	\$ -
4" Sch. 40	24	EA	\$ 125.00	\$ 3,000.00	-		\$ -	\$ -
		-	\$ -	\$ -	-		\$ -	\$ -
		-	\$ -	\$ -	-			\$ -
		-	\$ -	\$ -	-			\$ -
		-	\$ -	\$ -	-			\$ -
		-	\$ -	\$ -	-			\$ -
		-	\$ -	\$ -	-			\$ -
		-	\$ -	\$ -	-			\$ -
		-	\$ -	\$ -	-			\$ -
MATERIAL SUBTOTAL				\$ 3,000.00	EQUIPMENT/CONSUMABLES SUBTOTAL \$ -			
SHOP LABOR	HRS		RATE	AMOUNT	FIELD LABOR/SUBCONTRACT	U/M	RATE	AMOUNT
-			\$ -	\$ -	-	0.0	\$ -	\$ -
-			\$ -	\$ -	-	0.0	\$ -	\$ -
-			\$ -	\$ -	-	0.0	\$ -	\$ -
-			\$ -	\$ -	-	0.0	\$ -	\$ -
-			\$ -	\$ -	-	0.0	\$ -	\$ -
-			\$ -	\$ -	-	0.0	\$ -	\$ -
-			\$ -	\$ -	-	0.0	\$ -	\$ -
-			\$ -	\$ -	-	0.0	\$ -	\$ -
-			\$ -	\$ -	-	0.0	\$ -	\$ -
-			\$ -	\$ -	-	0.0	\$ -	\$ -
-			\$ -	\$ -	-	0.0	\$ -	\$ -
-			\$ -	\$ -	-	0.0	\$ -	\$ -
SHOP LABOR SUBTOTAL				\$ -	FIELD LABOR/SUBCONTRACT SUBTOTAL \$ -			

TOTAL MATERIAL	\$ 3,000.00
TOTAL SHOP LABOR	\$ -
TOTAL EQUIPMENT/CONSUMABLES	\$ -
TOTAL FIELD LABOR/SUBCONTRACT	\$ -
TAX (8.25% on taxable items)	\$ -
MARK-UP (15%)	\$ 450.00
TOTAL	\$ 3,450

REQUEST FOR INFORMATION



3171 SE Inner Loop
Georgetown, TX
78626

T: (512) 663-7461
F: (512) 681-9752

RFI NO: 40

To: Brody Harris
BLGY, Inc.
2204 Forbes Dr., Suite 101
Georgetown, TX 78754
Phone: (512) 977-0390
Fax:
From: Camille Carpenter

Date: 1/30/2017

Required By: 3/3/2017

Owner: Williamson County, Texas

Job No : 233901

Project: North Campus Facilities
3171 SE Inner Loop
Georgetown, TX 78626

Re: CoG Coordination

Spec. Section:

Drawing Number:

Other Reference:

Question:

In the attached Power Pole layout, the City of Georgetown utilities run directly on top of the water line at the North side of Drive A. Please advise.

Also, there is to be a guy wire running directly across sidewalk based on coordinates captured which tie back to the civil drawings. Please advise.

Answer:

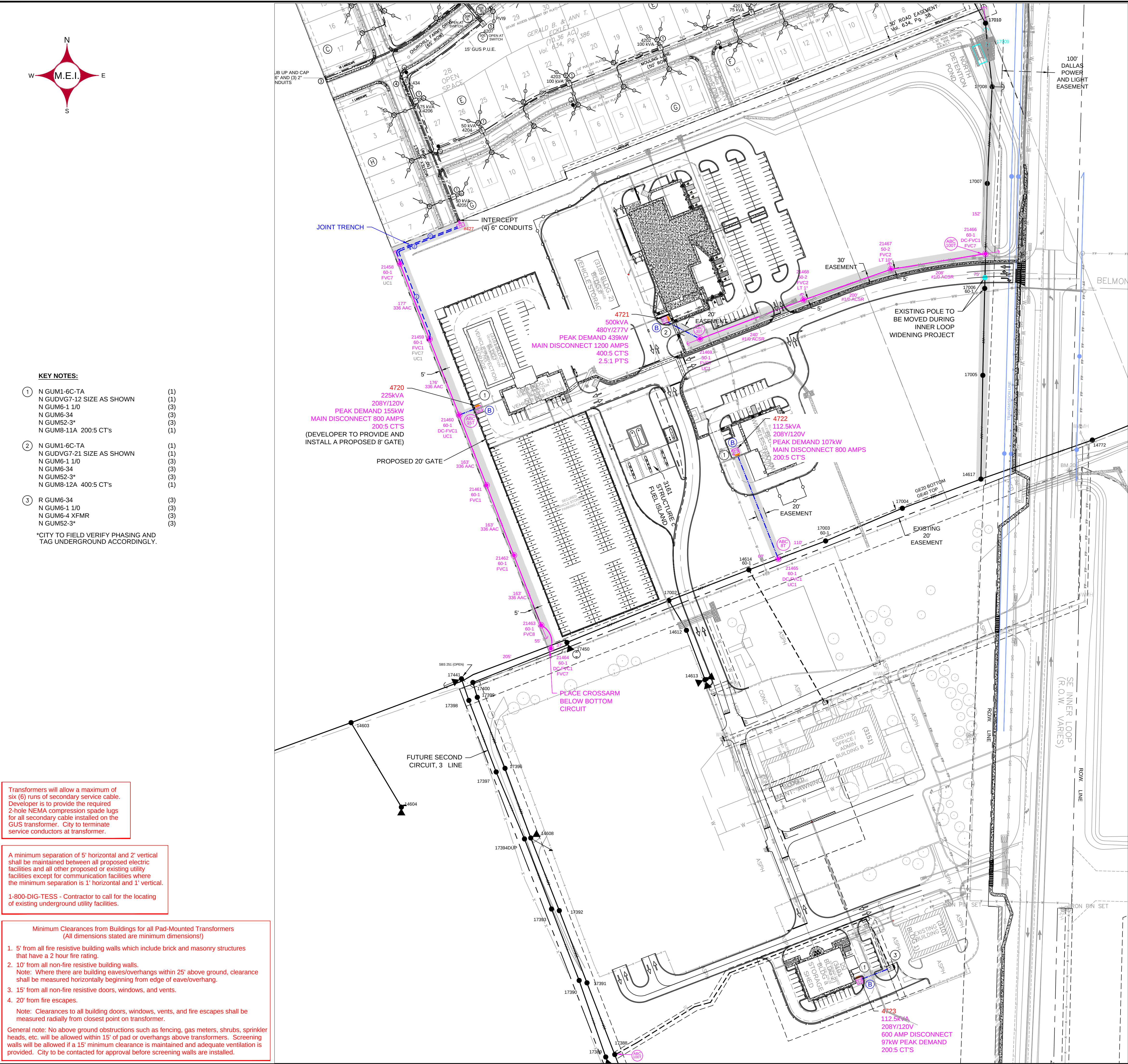
Please see the attached drawing showing the power poles in a new location 5 feet from the proposed water lines. The guy wires have been modified as well to not cross the side walks.

Very truly yours,

VAUGHN CONSTRUCTION

Attachments: Utilities Mark-up

CC: Mark Brown - BLGY



KEY NOTES:

- ① N GUM1-6C-TA (1)
N GUDVG7-12 SIZE AS SHOWN (1)
N GUM6-1 1/0 (3)
N GUM6-34 (3)
N GUM52-3* (3)
N GUM8-11A 200.5 CTS (1)
- ② N GUM1-6C-TA (1)
N GUDVG7-21 SIZE AS SHOWN (1)
N GUM6-1 1/0 (3)
N GUM6-34 (3)
N GUM52-3* (3)
N GUM8-12A 400.5 CTS (1)
- ③ R GUM6-34 (3)
N GUM6-1 1/0 (3)
N GUM6-4 XFMR (3)
N GUM52-3* (3)

*CITY TO FIELD VERIFY PHASING AND TAG UNDERGROUND ACCORDINGLY.

Transformers will allow a maximum of six (6) runs of secondary service cable. Developer is to provide the required 2-hole NEMA compression spade lugs for all secondary cable installed on the GUS transformer. City to terminate service conductors at transformer.

A minimum separation of 5' horizontal and 2' vertical shall be maintained between all proposed electric facilities and all other proposed or existing utility facilities except for communication facilities where the minimum separation is 1' horizontal and 1' vertical.

1-800-DIG-TESS - Contractor to call for the locating of existing underground utility facilities.

Minimum Clearances from Buildings for all Pad-Mounted Transformers
(All dimensions stated are minimum dimensions!)

- 1. 5' from all fire resistive building walls which include brick and masonry structures that have a 2 hour fire rating.
- 2. 10' from all non-fire resistive building walls.
Note: Where there are building eaves/overhangs within 25' above ground, clearance shall be measured horizontally beginning from edge of eave/overhang.
- 3. 15' from all non-fire resistive doors, windows, and vents.
- 4. 20' from fire escapes.

Note: Clearances to all building doors, windows, vents, and fire escapes shall be measured radially from closest point on transformer.

General note: No above ground obstructions such as fencing, gas meters, shrubs, sprinkler heads, etc. will be allowed within 15' of pad or overhangs above transformers. Screening walls will be allowed if a 15' minimum clearance is maintained and adequate ventilation is provided. City to be contacted for approval before screening walls are installed.

DEVELOPER CONSTRUCTION NOTES

- Before construction starts, Contractor shall meet with the Electrical Division Representative.
- According to City policy, the Developer is required to provide all labor, equipment, and material for trenching, and installing electrical conduit, pull boxes, man holes, secondary junction boxes, pedestals, and concrete pads for all pad-mount equipment to City specifications.
- According to City policy, the Developer is required to provide all labor, equipment, and material for installing streetlights and their foundations, conduit, trenching, wire, fixtures, and poles to City specifications.
- Contractor to contact GUS for conduit location on riser pole.

LEGEND

- PROPOSED TWO (2) 4" PVC CONDUITS FOR FUTURE COMMUNICATIONS AND TWO (2) 6" PVC CONDUITS FOR FUTURE GUS ELECTRIC. (CITY TO PROVIDE AND INSTALL CONDUIT)
- PROPOSED TWO (2) 6" PVC CONDUITS FOR FUTURE GUS ELECTRIC. (CITY TO PROVIDE AND INSTALL CONDUIT)
- PROPOSED THREE-PHASE #1/0 AL 25kV UNDERGROUND PRIMARY IN ONE (1) 4" PVC CONDUIT WITH ONE (1) SPARE 4" PVC CONDUIT. (DEVELOPER TO PROVIDE AND INSTALL CONDUIT)
- PROPOSED THREE-PHASE 4x8x4' SUB-SURFACE PRIMARY PULL BOX (CITY TO PROVIDE AND INSTALL PULL BOX)
- EXISTING THREE-PHASE PAD-MOUNT SWITCHGEAR
- EXISTING SINGLE-PHASE PAD-MOUNT TRANSFORMER
- PROPOSED THREE-PHASE PAD-MOUNT TRANSFORMER (DEVELOPER TO PROVIDE AND INSTALL CONCRETE PAD)
- EXISTING SECONDARY PEDESTAL
- PROPOSED METER LOCATION (DEVELOPER TO PROVIDE AND INSTALL)
- EXISTING SINGLE-ARM STREETLIGHT LOCATION
- BLACK: EXISTING ELECTRIC FACILITIES
- GREY: EXISTING OR FUTURE DEVELOPMENT
- MAGENTA: PROPOSED ELECTRIC FACILITIES
- CYAN: RETIRE EXISTING ELECTRIC FACILITIES
- EXISTING TXU FACILITIES
- POLE IN NEW LOCATION
- POLE IN EXISTING LOCATION
- TRANSFORMER
- TRANSFORMER IN NEW LOCATION
- TRANSFORMER IN EXISTING LOCATION
- GUY LOCATION
- OVERHEAD SERVICE
- SINGLE-PHASE OVERHEAD DISTRIBUTION
- THREE-PHASE OVERHEAD DISTRIBUTION
- THREE-PHASE DOUBLE CIRCUIT OVERHEAD DISTRIBUTION
- UNDERGROUND PRIMARY
- UNDERBUILD
- SECONDARY OR SERVICE
- PROPOSED FUSE PHASING, SIZE, AND TYPE
- CAPACITOR BANK
- PROPOSED LOCATION NUMBER
- PROPOSED BOLLARDS PER CITY SPECIFICATIONS
- DEVELOPER TO GRANT 20' EASEMENT

GRAPHIC SCALE

0 100' 200'

McCORD ENGINEERING, INC.
Texas Registered Engineering Firm F-2664
916 Southwest Parkway East
College Station, TX 77840
(979) 764-8356

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF INITIAL REVIEW UNDER THE AUTHORITY OF:
REX N. WOODS, P.E. 87089
FEBRUARY 1, 2017
IT IS NOT TO BE USED FOR BIDDING OR CONSTRUCTION PURPOSES.

REVISION #1
PRELIMINARY
FOR REVIEW

CITY OF GEORGETOWN

ELECTRICAL LAYOUT FOR:

WILLIAMSON COUNTY NORTH CAMPUS

WS# 10448



Texas Registered Engineering Firm F-2664
916 Southwest Parkway East
College Station, TX 77840
(979) 764-8356

VERSION AND DATE OF THE DEVELOPERS SITE PLAN UTILIZED FOR THIS DRAWING

SITE PLAN DATED 06-29-16

DATE	DEVELOPER	APPROVED	APPROVED WITH REVISION

SCALE: 1"=100'	DATE: 09-22-16	DWG NO. MEI-12165-1	SHEET NO. 1 OF 2
DRAWN BY: MRC	JOB CODE: GEO-42-W/27	REV. MRC	02-01-17

Sean Douget

From: Camille Carpenter <CCarpenter@vaughnconstruction.com>
Sent: Monday, March 06, 2017 10:08 AM
To: Sean Douget
Subject: RE: Bollard Qty.
Attachments: RFI-040A CoG Utilities.pdf

Sean,

Please see bollard qty. below. I've attached RFI-040 which added additional bollard around the transformers. The detail for these bollards is shown on the last page of the RFI. Please provide pricing. Let me know if you have any questions.

Interior/ Exterior	Location	Qty.	Type
Ext.	Bldg. b	16	Cast-in-Place
	Bldg. d	12	Bolt-down
Ext.	Bldg. d	12	Cast-in-Place
	Bldg. e	13	Bolt-down
Ext.	Bldg. e	12	Cast-in-Place
Int.	Bldg. g	8	Bolt-down
Ext.	Bldg. g	8	Cast-in-Place
Ext.	Bldg. h @ Dumpster Pad	3	Bolt-down
	Bldg. h @ Oxy. Storage	4	Cast-in-Place
Ext.	XFMR's per RFI-040	24	Detail UGPB1.1

Camille Carpenter
Vaughn Construction
(512) 516-4569



From: Camille Carpenter
Sent: Monday, February 27, 2017 10:07 AM
To: Doug Boram (doughboram@vaughnconstruction.com) <doughboram@vaughnconstruction.com>
Subject: FW: Williamson sheet C9

Camille Carpenter
Vaughn Construction
(512) 516-4569