

KANSAS CITY AREA TRANSPORTATION AUTHORITY
KANSAS CITY, MISSOURI
PROSPECT AVENUE MAX
BUS RAPID TRANSIT STATIONS



RideKC MAX

SHEET CLASSIFICATION

V - SURVEY CONTROL
D - DEMOLITION
C - SITE PLAN
E - ELECTRICAL
S - STRUCTURAL

SHEET INDEX

C101

SHEET
CLASSIFICATION

SHEET
NUMBER



UTILITY CONTACTS

LAND DEVELOPMENT DIVISION	(816) 513-2551
UTILITY LOCATION MARKING	1-800-DIG-RITE
PUBLIC WORKS DEPT.	(816) 513-2627
WATER DEPT.	(816) 513-2171
MISSOURI GAS ENERGY (MGE)	472-3484
K.C.P.L. CO. NO. of 39th St.	245-3647
K.C.P.L. CO. SO. of 39th St.	276-5578
S.W. BELL TEL. CO.	676-1859
TIME WARNER CABLE	358-5360
POLLUTION CONTROL	513-6314
A.T.&T. CO.	1-800-852-3786
WESTERN UNION COMPANY	1-201-986-5100
MCI TELECOMMUNICATION	1-800-950-5555
SPRINT LTD. A.K.A. UNITED TEL.	243-5829

EMERGENCY UTILITY NUMBERS

TIME WARNER CABLE	358-5360, EXT. 333 OR 338
AT&T	1-800-252-1133
K.C.P. & L. COMPANY	471-5275
KCMO - STREET & TRAFFIC DIVISION DISPATCHER	(816) 513-2331
KCMO - WATER SERVICES DEPARTMENT	(816) 513-8000 AFTER 5 PM. (816) 513-2109
MCI/WESTERN UNION	314-291-8000 / 466-1766
MISSOURI GAS ENERGY	1-800-582-0000
MISSOURI PUBLIC SERVICE COMPANY	353-5000
SOUTHWESTERN BELL TELEPHONE COMPANY	DIAL "0" ASK FOR ENTERPRISE 9800

SHEET NUMBER

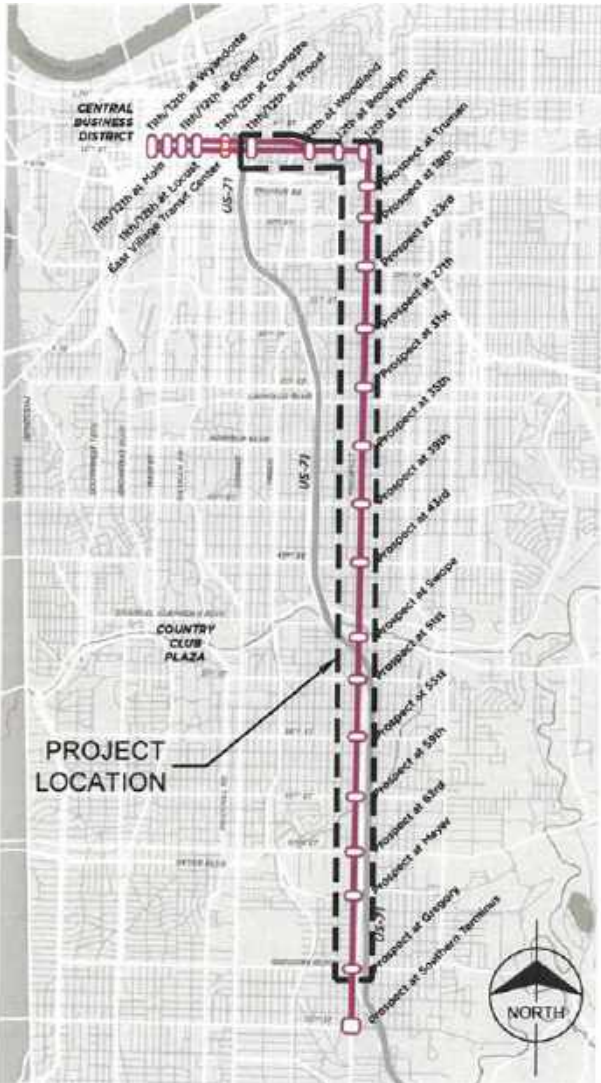
G001 - COVER SHEET
G002 - GENERAL NOTES
V020 - 12TH/TROOST SURVEY CONTROL
D021 - 12TH/TROOST DEMOLITION PLAN
C021 - 12TH/TROOST SITE LAYOUT
C022 - 12TH/TROOST RAMP DETAILS
E021 - 12TH/TROOST ELECTRICAL LAYOUT
V030 - 12TH/WOODLAND SURVEY CONTROL
D031 - 12TH/WOODLAND DEMOLITION PLAN
C031 - 12TH/WOODLAND SITE LAYOUT
E031 - 12TH/WOODLAND ELECTRICAL LAYOUT
V040 - 12TH/BROOKLYN SURVEY CONTROL
D041 - 12TH/BROOKLYN DEMOLITION PLAN
C041 - 12TH/BROOKLYN SITE LAYOUT
E041 - 12TH/BROOKLYN ELECTRICAL LAYOUT
V050 - 12TH/PROSPECT SURVEY CONTROL
D051 - 12TH/PROSPECT DEMOLITION PLAN
C051 - 12TH/PROSPECT SITE LAYOUT
E051 - 12TH/PROSPECT ELECTRICAL LAYOUT
V060 - TRUMAN/PROSPECT SURVEY CONTROL
D061 - TRUMAN/PROSPECT DEMOLITION PLAN
C061 - TRUMAN/PROSPECT SITE LAYOUT
E061 - TRUMAN/PROSPECT ELECTRICAL LAYOUT
V070 - 18TH/PROSPECT SURVEY CONTROL
D071 - 18TH/PROSPECT DEMOLITION PLAN
C071 - 18TH/PROSPECT SITE LAYOUT
E071 - 18TH/PROSPECT ELECTRICAL LAYOUT
V080 - 23RD/PROSPECT SURVEY CONTROL
D081 - 23RD/PROSPECT DEMOLITION PLAN
C081 - 23RD/PROSPECT SITE LAYOUT
E081 - 23RD/PROSPECT ELECTRICAL LAYOUT
V090 - 27TH/PROSPECT SURVEY CONTROL
D091 - 27TH/PROSPECT DEMOLITION PLAN
C091 - 27TH/PROSPECT SITE LAYOUT
C092 - 27TH/PROSPECT SW CORNER RAMP DETAIL
E091 - 27TH/PROSPECT ELECTRICAL LAYOUT
V100 - 31ST/PROSPECT SURVEY CONTROL
D101 - 31ST/PROSPECT DEMOLITION PLAN
C101 - 31ST/PROSPECT SITE LAYOUT
C102 - 31ST/PROSPECT MOBILITY HUB
E101 - 31ST/PROSPECT ELECTRICAL LAYOUT
V110 - 35TH/PROSPECT SURVEY CONTROL
D111 - 35TH/PROSPECT DEMOLITION PLAN
C111 - 35TH/PROSPECT SITE LAYOUT
E111 - 35TH/PROSPECT ELECTRICAL LAYOUT
V120 - 39TH/PROSPECT SURVEY CONTROL
D121 - 39TH/PROSPECT DEMOLITION PLAN
C121 - 39TH/PROSPECT SITE LAYOUT
C122 - 39TH/PROSPECT FIRE HYDRANT RELOCATION
COVER SHEET

SHEET NUMBER - Cont.

C123 - 39TH/PROSPECT FIRE HYDRANT RELOCATION
GENERAL NOTES AND LEGEND
C124 - 39TH/PROSPECT FIRE HYDRANT RELOCATION
PLAN AND PROFILE
E121 - 39TH/PROSPECT ELECTRICAL LAYOUT
V130 - 43RD/PROSPECT SURVEY CONTROL
D131 - 43RD/PROSPECT DEMOLITION PLAN
C131 - 43RD/PROSPECT SITE LAYOUT
E131 - 43RD/PROSPECT ELECTRICAL LAYOUT
V140 - SWOPE/PROSPECT SURVEY CONTROL
D141 - SWOPE/PROSPECT DEMOLITION PLAN
C141 - SWOPE/PROSPECT SITE LAYOUT
E141 - SWOPE/PROSPECT ELECTRICAL LAYOUT
V150 - 51ST/PROSPECT SURVEY CONTROL
D151 - 51ST/PROSPECT DEMOLITION PLAN
C151 - 51ST/PROSPECT SITE LAYOUT
E151 - 51ST/PROSPECT ELECTRICAL LAYOUT
V160 - 55TH/PROSPECT SURVEY CONTROL
D161 - 55TH/PROSPECT DEMOLITION PLAN
C161 - 55TH/PROSPECT SITE LAYOUT
E161 - 55TH/PROSPECT ELECTRICAL LAYOUT
V170 - 59TH/PROSPECT SURVEY CONTROL
D171 - 59TH/PROSPECT DEMOLITION PLAN
C171 - 59TH/PROSPECT SITE LAYOUT
E171 - 59TH/PROSPECT ELECTRICAL LAYOUT
V180 - 63RD/PROSPECT SURVEY CONTROL
D181 - 63RD/PROSPECT DEMOLITION PLAN
C181 - 63RD/PROSPECT SITE LAYOUT
E181 - 63RD/PROSPECT ELECTRICAL LAYOUT
V190 - MEYER/PROSPECT SURVEY CONTROL
D191 - MEYER/PROSPECT DEMOLITION PLAN
C191 - MEYER/PROSPECT SITE LAYOUT
E191 - MEYER/PROSPECT ELECTRICAL LAYOUT
V200 - GREGORY/PROSPECT SURVEY CONTROL
D201 - GREGORY/PROSPECT DEMOLITION PLAN
C201 - GREGORY/PROSPECT SITE LAYOUT
E201 - GREGORY/PROSPECT ELECTRICAL LAYOUT
C501 - TYPICAL STATION DETAILS
C502 - TYPICAL STATION DETAILS
C503 - TYPICAL STATION DETAILS
C504 - TYPICAL STATION DETAILS
C505 - STATION SITE DETAILS
T501 - TYPICAL TRAFFIC CONTROL PLANS
E300 - ELECTRICAL MARKER POWER SOURCE EQUIPMENT
E301 - ELECTRICAL MARKER POWER SOURCE EQUIPMENT
E302 - ELECTRICAL STREET LIGHT DETAILS
S000 - STRUCTURAL GENERAL NOTES
S001 - STRUCTURAL LEGEND
S101 - STRUCTURAL FOUNDATION PLAN
S102 - STRUCTURAL FOUNDATION PLAN
S201 - STRUCTURAL SECTIONS & DETAILS

WATER MAIN RELOCATION

- 1 - COVER SHEET
- 2 - GENERAL NOTES AND LEGEND
- 3 - GENERAL LAYOUT & CONTROL SHEET
- 4 - LINE 1 PLAN & PROFILE STA 10+00 TO STA 11+46.37
- 5 - LINE 2 PLAN & PROFILE STA 10+00 TO STA 11+22.25
- 6 - LINE 3 PLAN & PROFILE STA 10+00 TO STA 11+78.65
- 7 - LINE 4 PLAN & PROFILE STA 10+00 TO STA 11+35.70
- 8 - LINE 5 PLAN & PROFILE STA 10+00 TO STA 11+44.71
- 9 - LINE 6 PLAN & PROFILE STA 10+00 TO STA 11+12.75



LOCATION MAP
NOT TO SCALE

OWNER/DEVELOPER

OWNER: KCATA
1200 E 18th STREET
KANSAS CITY, MO 64108

CONTACT: KEITH SANDERS
KCATA
1200 E 18th STREET
KANSAS CITY, MO 64108
(816) 346-0359

DESIGNER:

DESIGNER: TALIAFERRO & BROWNE, INC.
1020 E 8th STREET
KANSAS CITY, MO 64106

CONTACT: MICHAEL J. LOONEY
TALIAFERRO & BROWNE, INC.
1020 E 8th STREET
KANSAS CITY, MO 64106
(816) 283-3456

APPROVED:

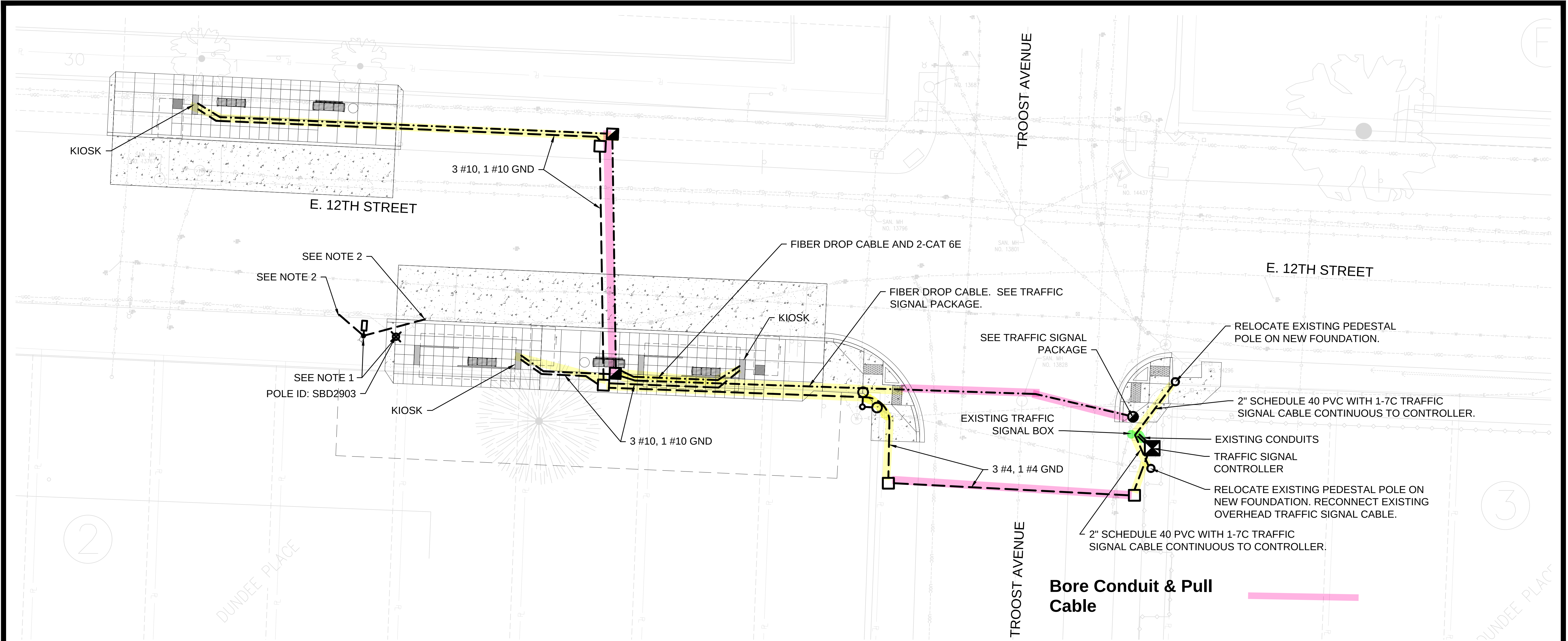
KEITH SANDERS, P.E., CHIEF ENGINEER
KANSAS CITY AREA TRANSPORTATION AUTHORITY
Jeff Martin Digitally signed by Jeff Martin
Date: 2018.07.10 11:04:23 -05'00'
JEFF MARTIN, P.E., CITY ENGINEER
PUBLIC WORKS DEPARTMENT

ADOPTED THIS _____ DAY OF _____ 20 _____

Sherril McIntyre 7/12/2018
SHERRI MCINTYRE, P.E., DIRECTOR
PUBLIC WORKS DEPARTMENT

DWG NO.:
G001

\\KCOW00\Jobs\61451\Elec\Drawings\CD\100%\P\MAX-E021.dwg Apr 05, 2018 - 9:03am



LEGEND

- ELECTRICAL SERVICE PEDESTAL
- GROUND MOUNTED PULL BOX FOR COMMUNICATIONS
- GROUND MOUNTED PULL BOX FOR POWER
- 1-1/2" HDPE CONDUIT WITH POWER CONDUCTORS AS INDICATED
- 1-1/2" HDPE CONDUIT WITH 1-CAT 6E CABLE AND RJ45 CONNECTORS UNLESS OTHERWISE NOTED
- EXISTING LIGHT POLE TO BE REMOVED OR RELOCATED
- PROPOSED LIGHT POLE LOCATION
- EXISTING LIGHT POLE TO REMAIN
- FIBER SPLICE BOX

GENERAL NOTES

- SEE "TECHNICAL SPECIAL PROVISIONS FOR CITY OF KANSAS CITY, MISSOURI ADVANCED TRANSPORTATION MANAGEMENT SYSTEM (ATMS)" FOR REQUIREMENTS REGARDING ALL COMMUNICATION SYSTEM WORK.

NOTES

- REMOVE AND RELOCATE EXISTING LIGHT POLE SBDZ903. INSTALL NEW KCMO FOUNDATION PER SHEET E302. THE CONTRACTOR SHALL RELOCATE THIS POLE IN A TIMELY MANNER SINCE THIS CIRCUIT FEEDS MANY OTHER LIGHT POLES.
- SPLICE TO EXISTING CONDUIT AND INSTALL CONDUCTORS OF SAME TYPE AND SIZE AS EXISTING TO POLES UPSTREAM AND DOWN STREAM.
- COIL 10' OF EACH CABLE IN COMMUNICATION PULL BOXES.

Bore Conduit & Pull Cable

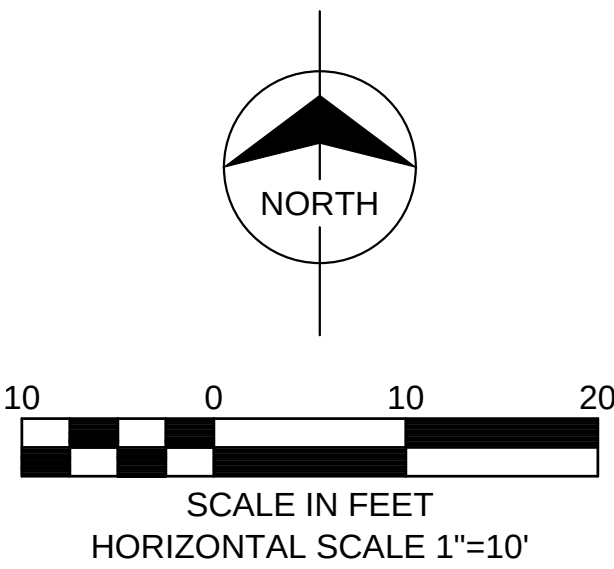
Pull Cable in Existing Conduit

Existing Conduit & Cable

Bore Conductive Concrete Conduit

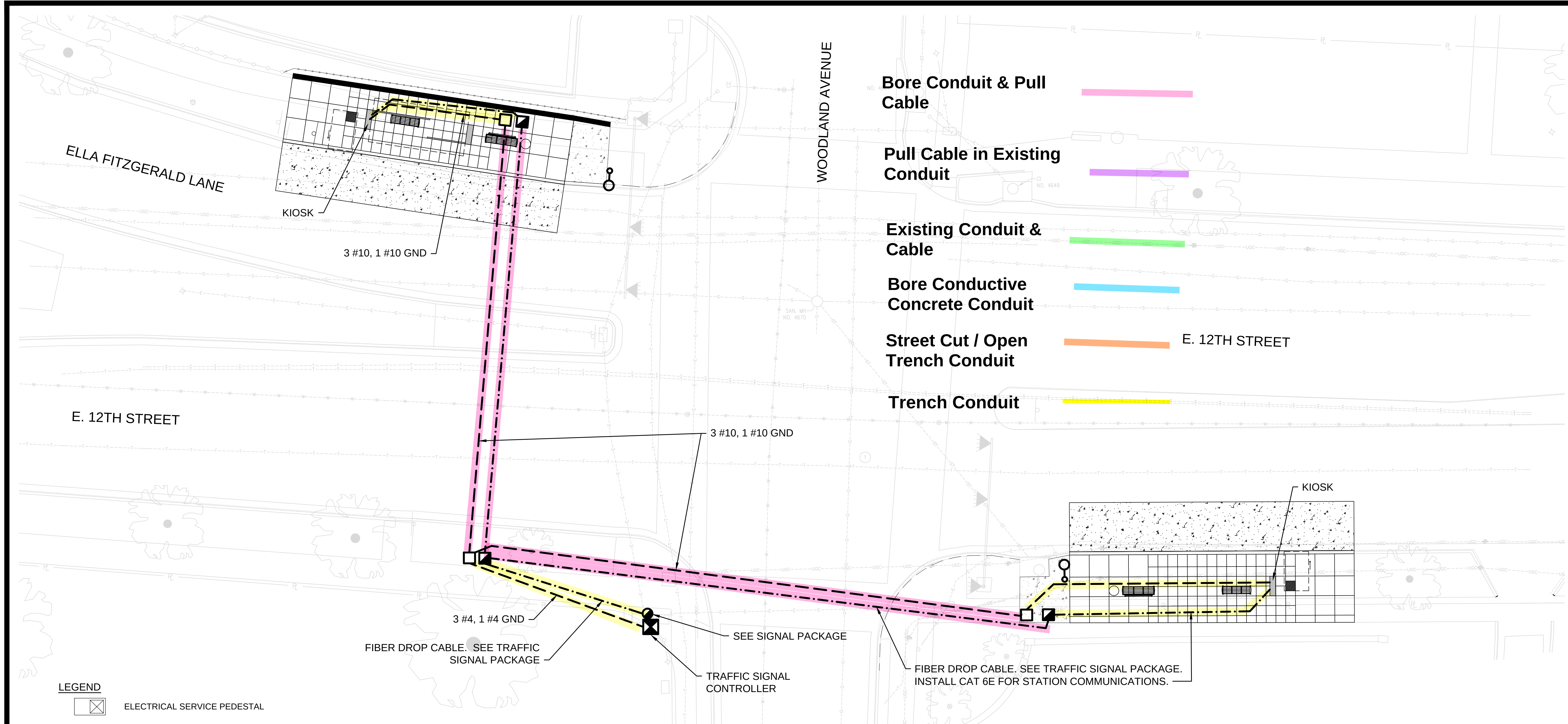
Street Cut / Open Trench Conduit

Trench Conduit



												HNTB Project No. 61451		File Name: P\MAX-E021.DWG						Taliaferro & Browne, Inc. Civil / Structural Engineering, Landscape Architecture & Surveying 1020 E. 8th STREET KANSAS CITY, MISSOURI 64106 PH (816) 283-3456 FAX (816) 283-0810 PROFESSIONAL ENGINEERING CORPORATION MISSOURI LICENSE NO. 000466 KANSAS LICENSE NO. E-1481 PROFESSIONAL LAND SURVEYING CORPORATION MISSOURI LICENSE NO. 000094		PROSPECT MAX STATIONS KANSAS CITY AREA TRANSPORTATION AUTHORITY 12TH STREET & TROOST AVENUE STATION ELECTRICAL LAYOUT				John Schallert Engineer License No.: E-20345	
												DESIGNED BY: JGS DRAWN BY: KW CHECKED BY: JGS		DATE OF ORIGINAL ISSUE: April 4, 2018												DWG NO.: E021	
04/04/18		ISSUED FOR BID		2	JS	KW	JS	THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL SEAL APPEARS ON THIS SHEET ASSUMES RESPONSIBILITY ONLY FOR WHAT APPEARS ON THIS PAGE, AND DISCLAIMS (PURSUANT TO SECTION 327.411 RSMO) ANY RESPONSIBILITY OF ALL OTHER PLANS, SPECIFICATIONS, ESTIMATES, REPORTS OR OTHER DOCUMENTS OR INSTRUMENTS NOT SEALED BY THE UNDERSIGNED PROFESSIONAL RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE PROJECT TO WHICH THIS PAGE REFERS.												John Schallert Engineer License No.: E-20345							
12/28/17		ISSUED FOR KCMO PERMIT REVIEW		1	JS	KW	JS																				
DATE		REVISIONS AND RECORD OF ISSUE		NO.	BY	CHK	APP																				

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LEGEND

- ELECTRICAL SERVICE PEDESTAL
- GROUND MOUNTED PULL BOX FOR COMMUNICATIONS
- GROUND MOUNTED PULL BOX FOR POWER
- 1-1/2" HDPE CONDUIT WITH POWER CONDUCTORS AS INDICATED
- 1-1/2" HDPE CONDUIT WITH 1-CAT 6E CABLE AND RJ45 CONNECTORS UNLESS OTHERWISE NOTED
- EXISTING LIGHT POLE TO BE REMOVED OR RELOCATED
- PROPOSED LIGHT POLE LOCATION
- EXISTING LIGHT POLE TO REMAIN
- FIBER SPLICE BOX

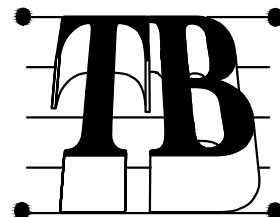
NOTES

- COIL 10' OF EACH CABLE IN COMMUNICATION PULL BOXES.

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12/28/17	ISSUED FOR KCMO PERMIT REVIEW	1	JS	KW	JS
DATE	REVISIONS AND RECORD OF ISSUE	NO.	BY	CK	APP

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DESIGNED BY: JGS DRAWN BY: KW CHECKED BY: JGS	DATE OF ORIGINAL ISSUE: March 1, 2018
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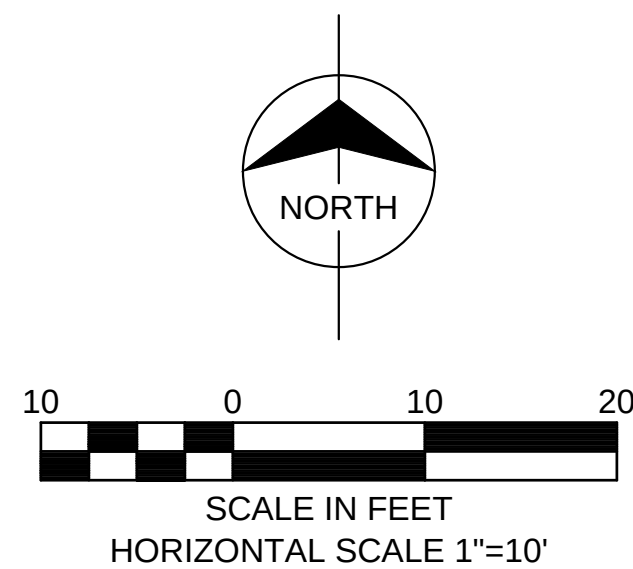


Taliaferro & Browne, Inc.
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Landscape Architecture & Surveying
1020 E. 8th STREET
KANSAS CITY, MISSOURI 64106
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PROFESSIONAL ENGINEERING CORPORATION
MISSOURI LICENSE NO. 000466 KANSAS LICENSE NO. E-1481
PROFESSIONAL LAND SURVEYING CORPORATION
MISSOURI LICENSE NO. 000094

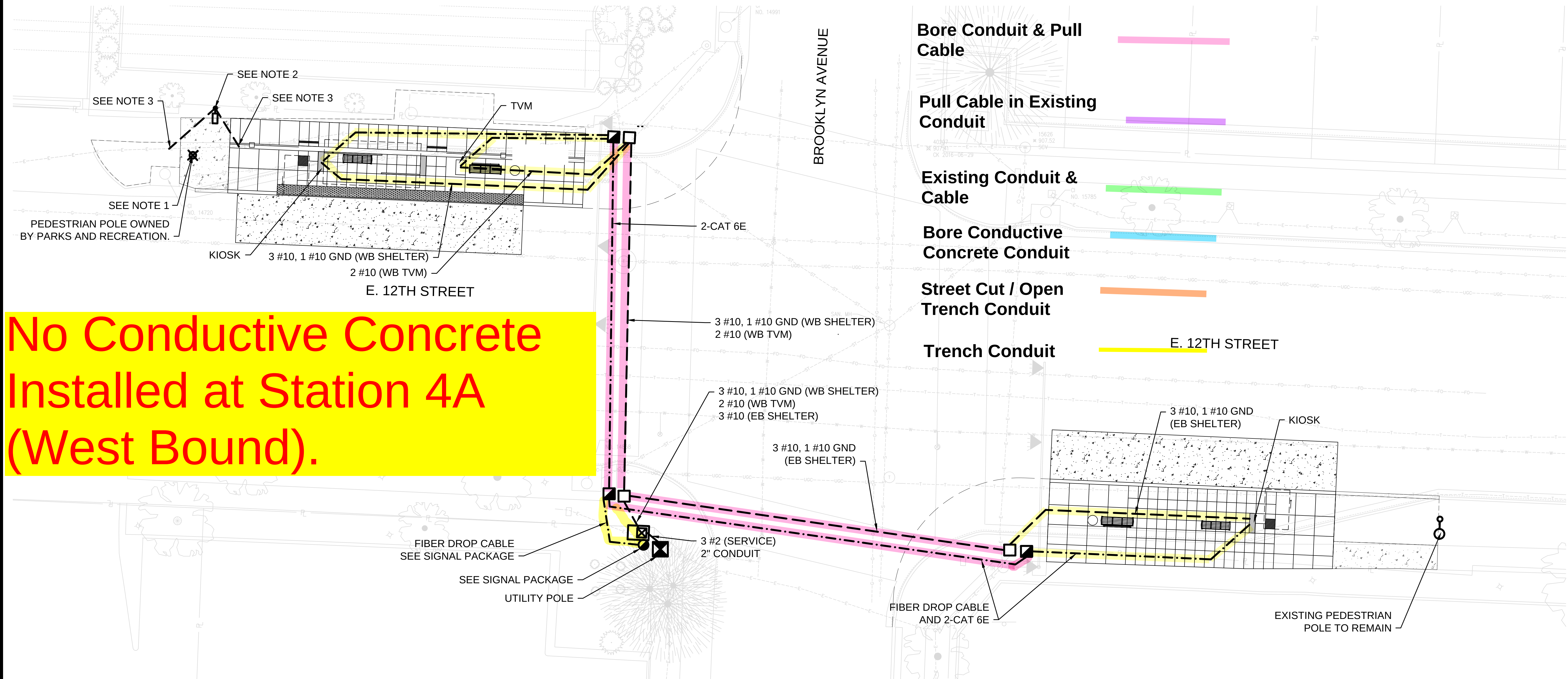
PROSPECT MAX STATIONS
KANSAS CITY AREA
TRANSPORTATION AUTHORITY
12TH STREET AND WOODLAND AVENUE
STATION ELECTRICAL LAYOUT



John Schallert
Engineer
License No.:
E-20345
DWG NO.:
E031



No Conductive Concrete
Installed at Station 4A
(West Bound).



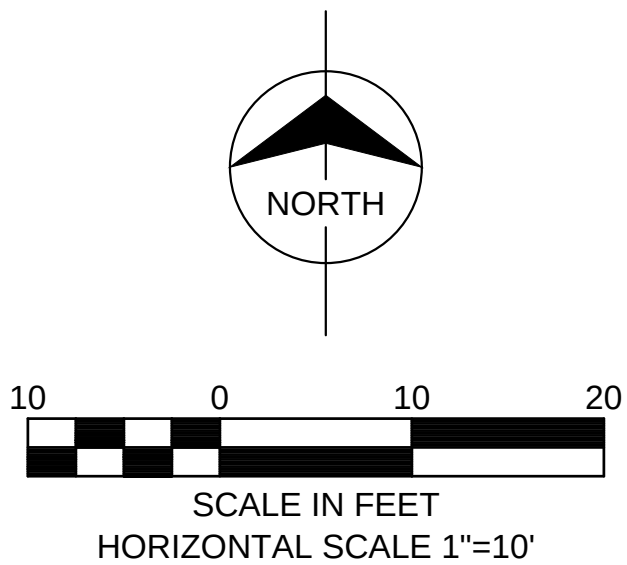
LEGEND

- ELECTRICAL SERVICE PEDESTAL
- GROUND MOUNTED PULL BOX FOR COMMUNICATIONS
- GROUND MOUNTED PULL BOX FOR POWER
- 1-1/2" HDPE CONDUIT WITH POWER CONDUCTORS AS INDICATED
- 1-1/2" HDPE CONDUIT WITH 1-CAT 6E CABLE AND RJ45 CONNECTORS UNLESS OTHERWISE NOTED
- EXISTING LIGHT POLE TO BE REMOVED OR RELOCATED
- PROPOSED LIGHT POLE LOCATION
- EXISTING LIGHT POLE TO REMAIN
- FIBER SPLICE BOX

NOTES

- REMOVE AND RELOCATE EXISTING PEDESTRIAN POLE. REMOVE EXISTING FOUNDATION TO 24" BELOW GRADE.
- INSTALL 48" DEEP, 20" DIAMETER CONCRETE FOUNDATION PER SHEET E302. ANCHOR BOLT SIZE AND PLACEMENT TO MATCH POLE.
- SPLICE TO EXISTING CONDUIT AND INSTALL CONDUCTORS OF SAME TYPE AND SIZE AS EXISTING TO POLES UPSTREAM AND DOWN STREAM.
- COIL 10' OF EACH CABLE IN COMMUNICATION PULL BOXES.

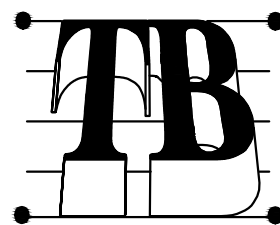
PANEL : 12TH & BROOKLYN									
VOLTAGE : 120 / 240 Volts					MAIN BREAKER : 125 A				
MOUNTING : Cabinet Mounted									
SERVICE	CONN WATTS	BKR		CKT NO	BKR		CONN WATTS	SERVICE	
		AMP	POLE		AMP	POLE			
Main Breaker		100		1	2	20	1	1420	EB Shelter 1
Main Breaker			2	3	4	20	1	1360	EB Shelter 1
Spare		30	1	5	6	20	1	1420	WB Shelter 1
WB TVM	1000	30	1	7	8	20	1	1360	WB Shelter 1
Spare		20	1	9	10				
Spare		20	1	11	12				
PHASE A LOAD =		2840 Watts		23.7 Amps					
PHASE B LOAD =		3720 Watts		31.0 Amps					



04/04/18	ISSUED FOR BID	2	JS	KW	JS
12/28/17	ISSUED FOR KCMO PERMIT REVIEW	1	JS	KW	JS
DATE	REVISIONS AND RECORD OF ISSUE	NO.	BY	CHK	APP

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DESIGNED BY: JGS DRAWN BY: KW CHECKED BY: JGS	DATE OF ORIGINAL ISSUE: April 4, 2018
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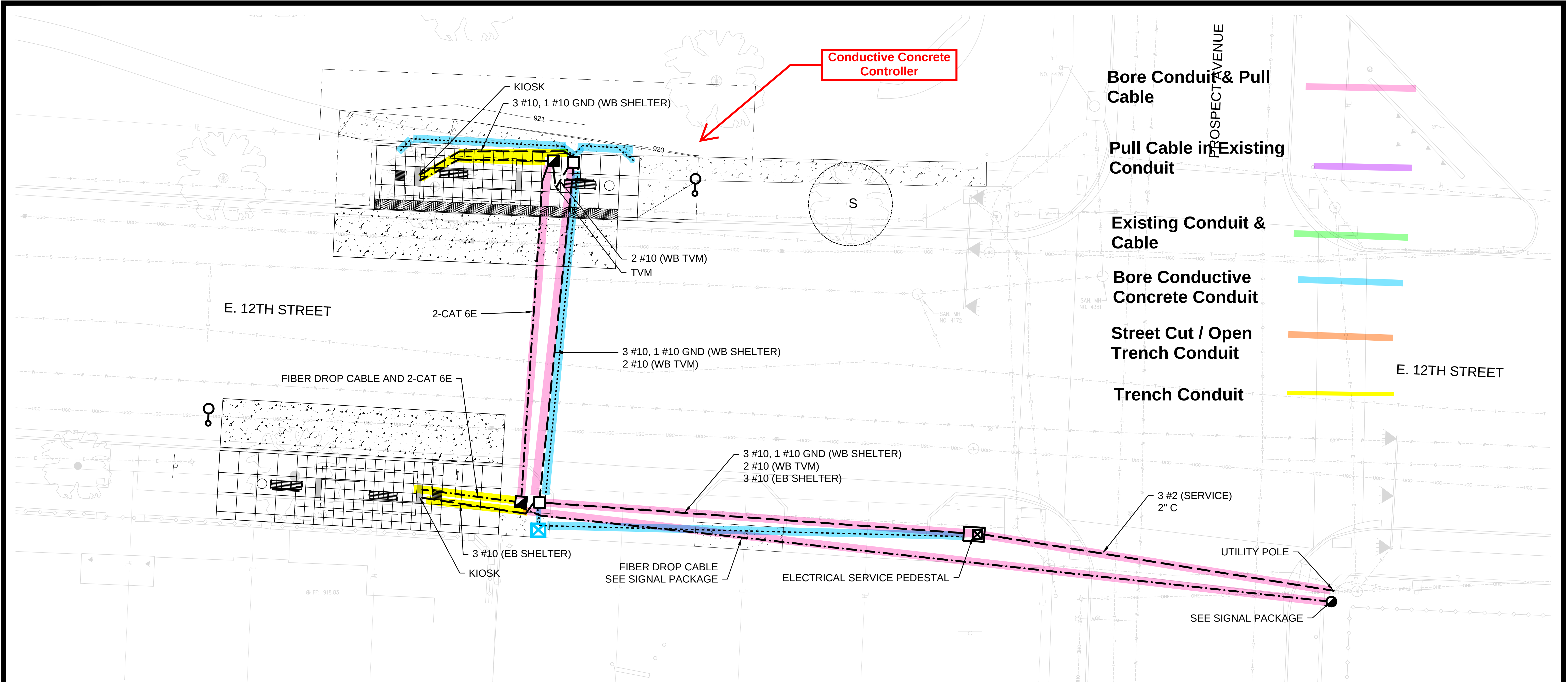
Taliaferro & Browne, Inc.
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Landscape Architecture & Surveying
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MISSOURI LICENSE NO. 000466 KANSAS LICENSE NO. E-1481
PROFESSIONAL LAND SURVEYING CORPORATION
MISSOURI LICENSE NO. 000094

PROSPECT MAX STATIONS
KANSAS CITY AREA
TRANSPORTATION AUTHORITY
12TH STREET & BROOKLYN AVENUE
STATION ELECTRICAL LAYOUT



John Schallert
Engineer
License No.:
E-20345
DWG NO.:
E041

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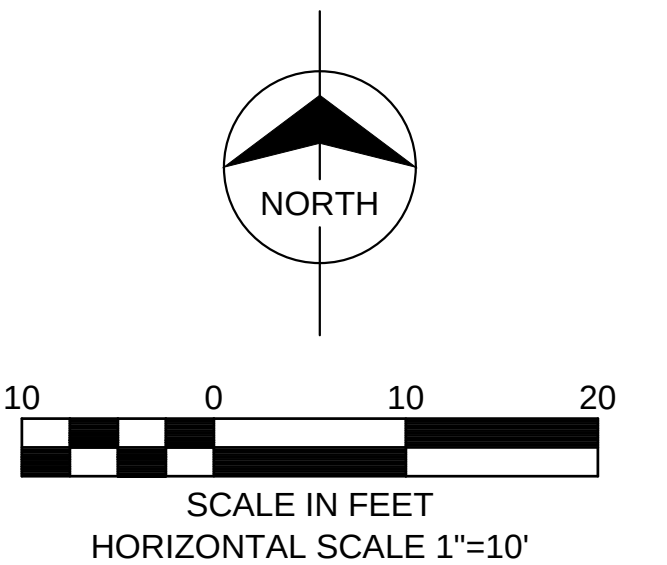
LEGEND

- ELECTRICAL SERVICE PEDESTAL
- GROUND MOUNTED PULL BOX FOR COMMUNICATIONS
- GROUND MOUNTED PULL BOX FOR POWER
- 1-1/2" HDPE CONDUIT WITH POWER CONDUCTORS AS INDICATED
- 1-1/2" HDPE CONDUIT WITH 1-CAT 6E CABLE AND RJ45 CONNECTORS UNLESS OTHERWISE NOTED
- EXISTING LIGHT POLE TO BE REMOVED OR RELOCATED
- PROPOSED LIGHT POLE LOCATION
- EXISTING LIGHT POLE TO REMAIN
- FIBER SPLICE BOX

NOTES

1. COIL 10' OF EACH CABLE IN COMMUNICATION PULL BOXES.

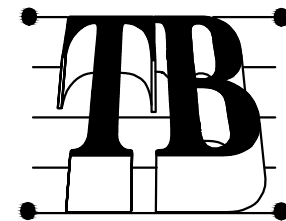
PANEL : 12TH & PROSPECT									
VOLTAGE : 120 / 240 Volts					MAIN BREAKER : 125 A				
MOUNTING : Cabinet Mounted									
SERVICE	CONN WATTS	BKR		CKT NO		BKR		CONN WATTS	SERVICE
		AMP	POLE			AMP	POLE		
Main Breaker		100		1	2	20	1	1420	EB Shelter 1
Main Breaker			2	3	4	20	1	1360	EB Shelter 1
Spare		30	1	5	6	20	1	1420	WB Shelter 1
WB TVM	1000	30	1	7	8	20	1	1360	WB Shelter 1
Spare		20	1	9	10				
Spare		20	1	11	12				
PHASE A LOAD =		2840 Watts		23.7 Amps					
PHASE B LOAD =		3720 Watts		31.0 Amps					



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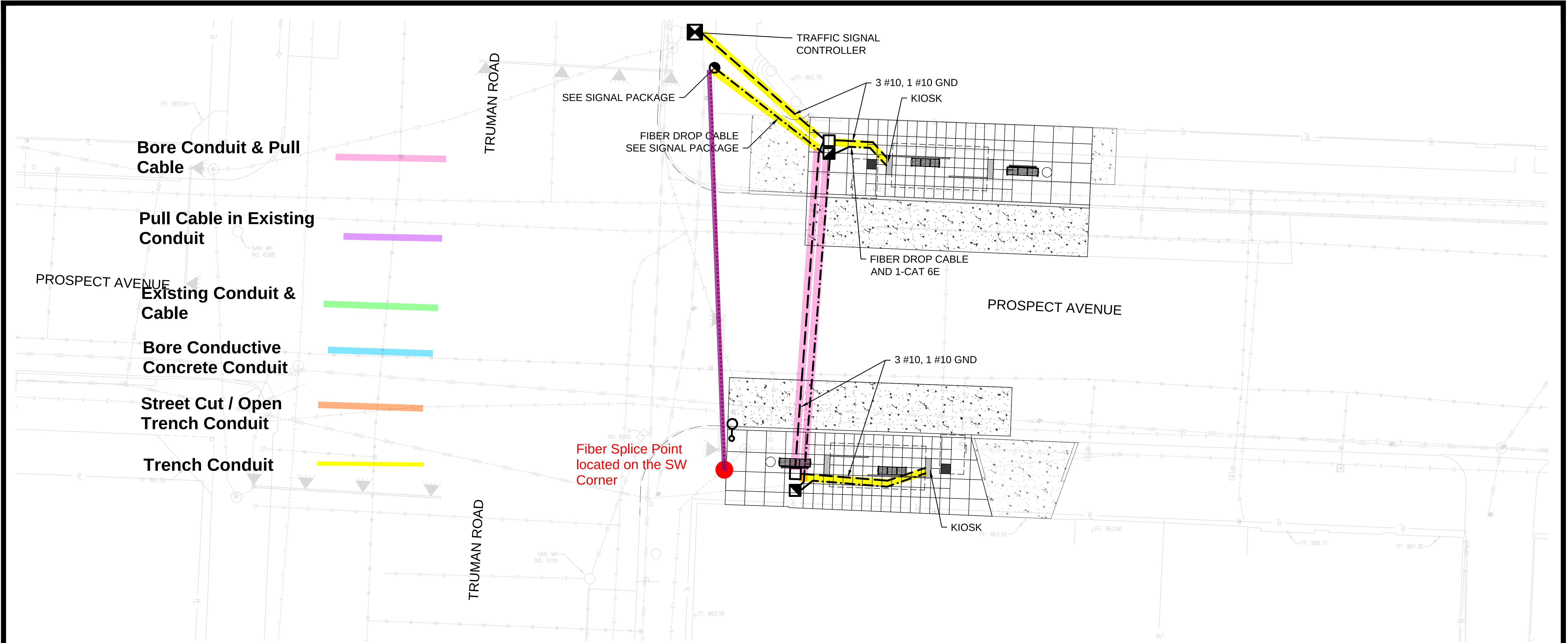
Taliaferro & Browne, Inc.
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MISSOURI LICENSE NO. 000094

PROSPECT MAX STATIONS
KANSAS CITY AREA
TRANSPORTATION AUTHORITY
12TH STREET & PROSPECT AVENUE
STATION ELECTRICAL LAYOUT



John Schallert
Engineer
License No.:
E-20345
DWG NO.:
E051

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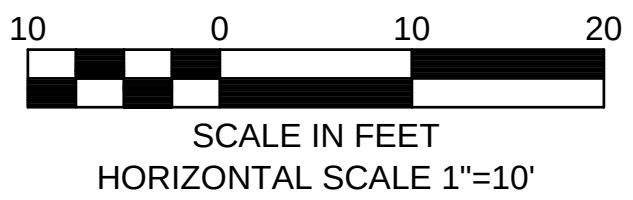
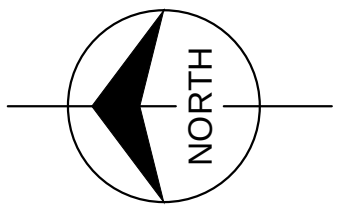


LEGEND

- ELECTRICAL SERVICE PEDESTAL
- GROUND MOUNTED PULL BOX FOR COMMUNICATIONS
- GROUND MOUNTED PULL BOX FOR POWER
- 1-1/2" HDPE CONDUIT WITH POWER CONDUCTORS AS INDICATED
- 1-1/2" HDPE CONDUIT WITH 1-CAT 6E CABLE AND RJ45 CONNECTORS UNLESS OTHERWISE NOTED
- EXISTING LIGHT POLE TO BE REMOVED OR RELOCATED
- PROPOSED LIGHT POLE LOCATION
- EXISTING LIGHT POLE TO REMAIN
- FIBER SPLICE BOX

NOTES

1. COIL 10' OF EACH CABLE IN COMMUNICATION PULL BOXES.

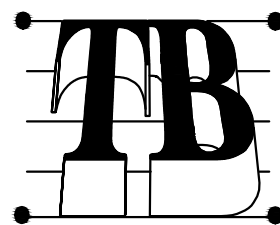


04/04/18	ISSUED FOR BID	2	JS	KW	JS
12/28/17	ISSUED FOR KCMO PERMIT REVIEW	1	JS	KW	JS
DATE	REVISIONS AND RECORD OF ISSUE	NO.	BY	CK	APP

HNTB Project No. 61451	File Name: PMAX-E061.DWG
DESIGNED BY: JGS DRAWN BY: KW CHECKED BY: JGS	DATE OF ORIGINAL ISSUE: March 1, 2018
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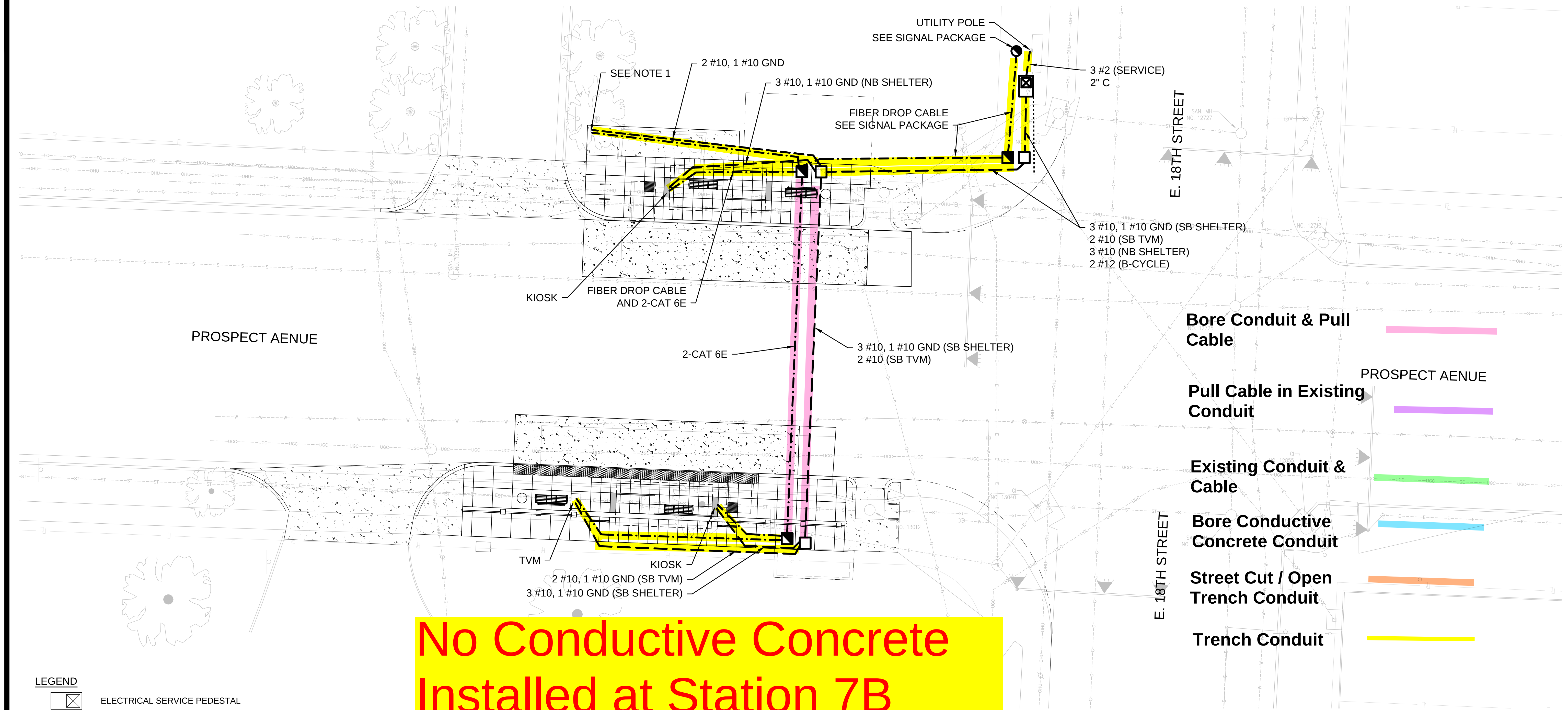
Taliaferro & Browne, Inc.
Civil / Structural Engineering,
Landscape Architecture & Surveying
1020 E. 8th STREET
KANSAS CITY, MISSOURI 64106
PH (816) 283-3456 FAX (816) 283-0810
PROFESSIONAL ENGINEERING CORPORATION
MISSOURI LICENSE NO. 000466 KANSAS LICENSE NO. E-1481
PROFESSIONAL LAND SURVEYING CORPORATION
MISSOURI LICENSE NO. 000094

PROSPECT MAX STATIONS
KANSAS CITY AREA
TRANSPORTATION AUTHORITY
TRUMAN ROAD & PROSPECT AVENUE
STATION SITE LAYOUT



John Schallert
Engineer
License No.:
E-20345
DWG NO.:
E061

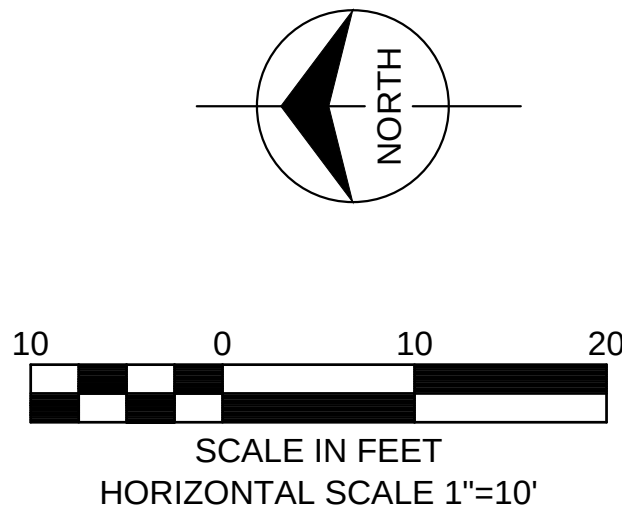
\\KCOW00\Jobs\61451\Elec\Drawings\CD\100%\PMAX-E071.dwg Apr 05, 2018 - 9:04am



No Conductive Concrete
Installed at Station 7B
(South Bound).

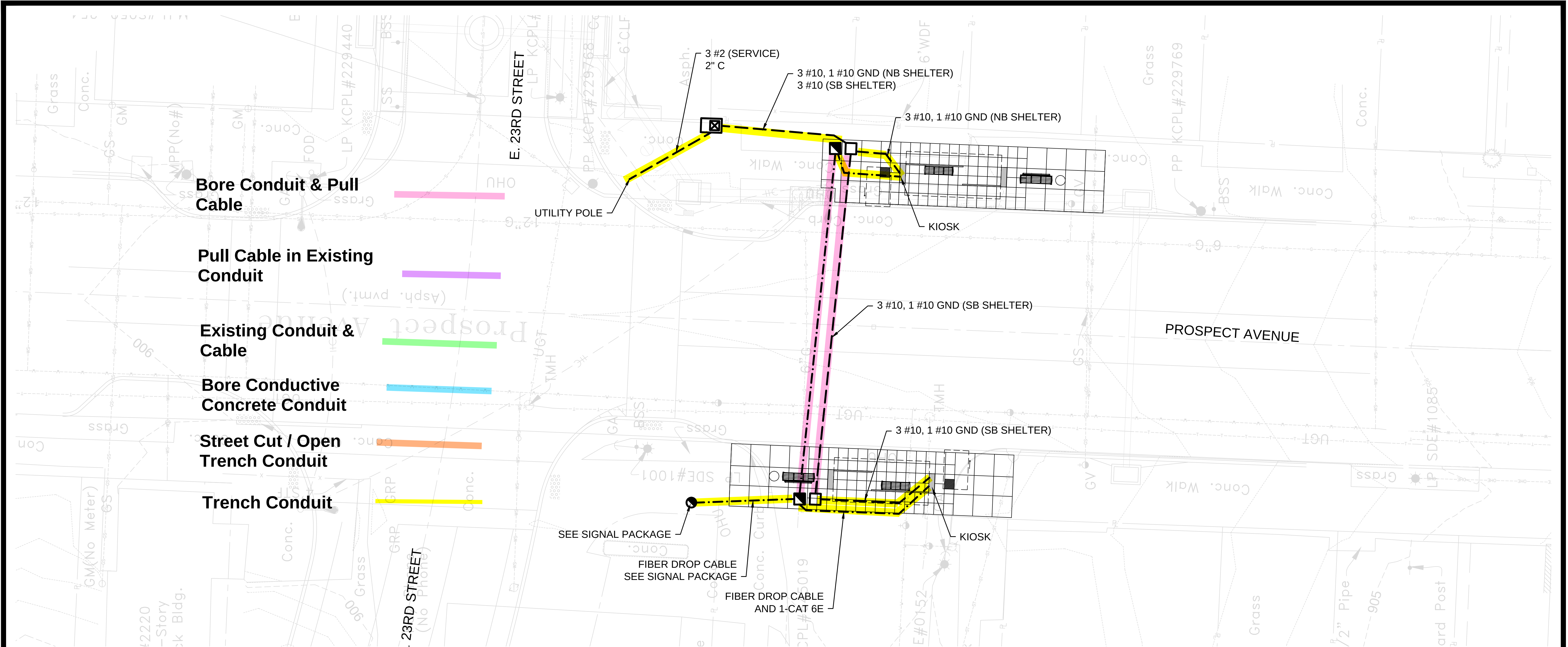
- LEGEND**
- ELECTRICAL SERVICE PEDESTAL
 - GROUND MOUNTED PULL BOX FOR COMMUNICATIONS
 - GROUND MOUNTED PULL BOX FOR POWER
 - 1-1/2" HDPE CONDUIT WITH POWER CONDUCTORS AS INDICATED
 - 1-1/2" HDPE CONDUIT WITH 1-CAT 6E CABLE AND RJ45 CONNECTORS UNLESS OTHERWISE NOTED
 - EXISTING LIGHT POLE TO BE REMOVED OR RELOCATED
 - PROPOSED LIGHT POLE LOCATION
 - EXISTING LIGHT POLE TO REMAIN
 - FIBER SPLICE BOX

PANEL : 18TH & PROSPECT										
MAIN BREAKER : 125 A										
	SERVICE	CONN WATTS	BKR		CKT		BKR		CONN WATTS	SERVICE
			AMP	POLE	NO	AMP	POLE			
	Main Breaker		100		1	2	20	1	1420	NB Shelter 1
	Main Breaker			2	3	4	20	1	1360	NB Shelter 1
	Spare		30	1	5	6	20	1	1420	SB Shelter 1
	SB TVM	1000	30	1	7	8	20	1	1360	SB Shelter 1
	B-Cycle	100	20	1	9	10				
	Spare		20	1	11	12				
PHASE A LOAD =		2940 Watts			24.5 Amps					
PHASE B LOAD =		3720 Watts			31.0 Amps					



HNTB Project No. 61451		File Name: PMAX-E071.DWG			Taliaferro & Browne, Inc. Civil / Structural Engineering, Landscape Architecture & Surveying 1020 E. 8th STREET KANSAS CITY, MISSOURI 64106 PH (816) 283-3456 FAX (816) 283-0810 PROFESSIONAL ENGINEERING CORPORATION MISSOURI LICENSE NO. 000466 KANSAS LICENSE NO. E-1481 PROFESSIONAL LAND SURVEYING CORPORATION MISSOURI LICENSE NO. 000094	PROSPECT MAX STATIONS KANSAS CITY AREA TRANSPORTATION AUTHORITY 18TH STREET & PROSPECT AVENUE STATION ELECTRICAL LAYOUT		John Schallert Engineer License No.: E-20345 DWG NO.: E071
DESIGNED BY: JGS DRAWN BY: KW CHECKED BY: JGS		DATE OF ORIGINAL ISSUE: March 1, 2018						
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04/04/18	ISSUED FOR BID	2	JS KW JS					
12/28/17	ISSUED FOR KCMO PERMIT REVIEW	1	JS KW JS					
DATE	REVISIONS AND RECORD OF ISSUE	NO.	BY	CK	APP			

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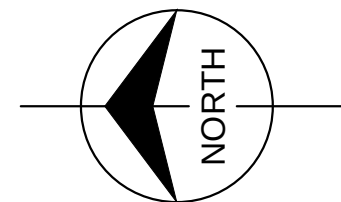


LEGEND

- ELECTRICAL SERVICE PEDESTAL
- GROUND MOUNTED PULL BOX FOR COMMUNICATIONS
- GROUND MOUNTED PULL BOX FOR POWER
- 1-1/2" HDPE CONDUIT WITH POWER CONDUCTORS AS INDICATED
- 1-1/2" HDPE CONDUIT WITH 1-CAT 6E CABLE AND RJ45 CONNECTORS UNLESS OTHERWISE NOTED
- EXISTING LIGHT POLE TO BE REMOVED OR RELOCATED
- PROPOSED LIGHT POLE LOCATION
- EXISTING LIGHT POLE TO REMAIN
- FIBER SPLICE BOX

NOTES

- COIL 10' OF EACH CABLE IN COMMUNICATION PULL BOXES.

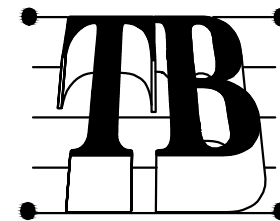


10 0 10 20
SCALE IN FEET
HORIZONTAL SCALE 1"=10'

04/04/18	ISSUED FOR BID	2	JS	KW	JS
12/28/17	ISSUED FOR KCMO PERMIT REVIEW	1	JS	KW	JS
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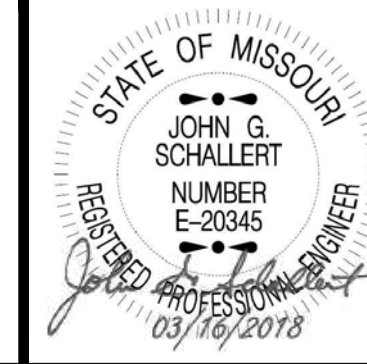
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PROSPECT MAX STATIONS
KANSAS CITY AREA
TRANSPORTATION AUTHORITY

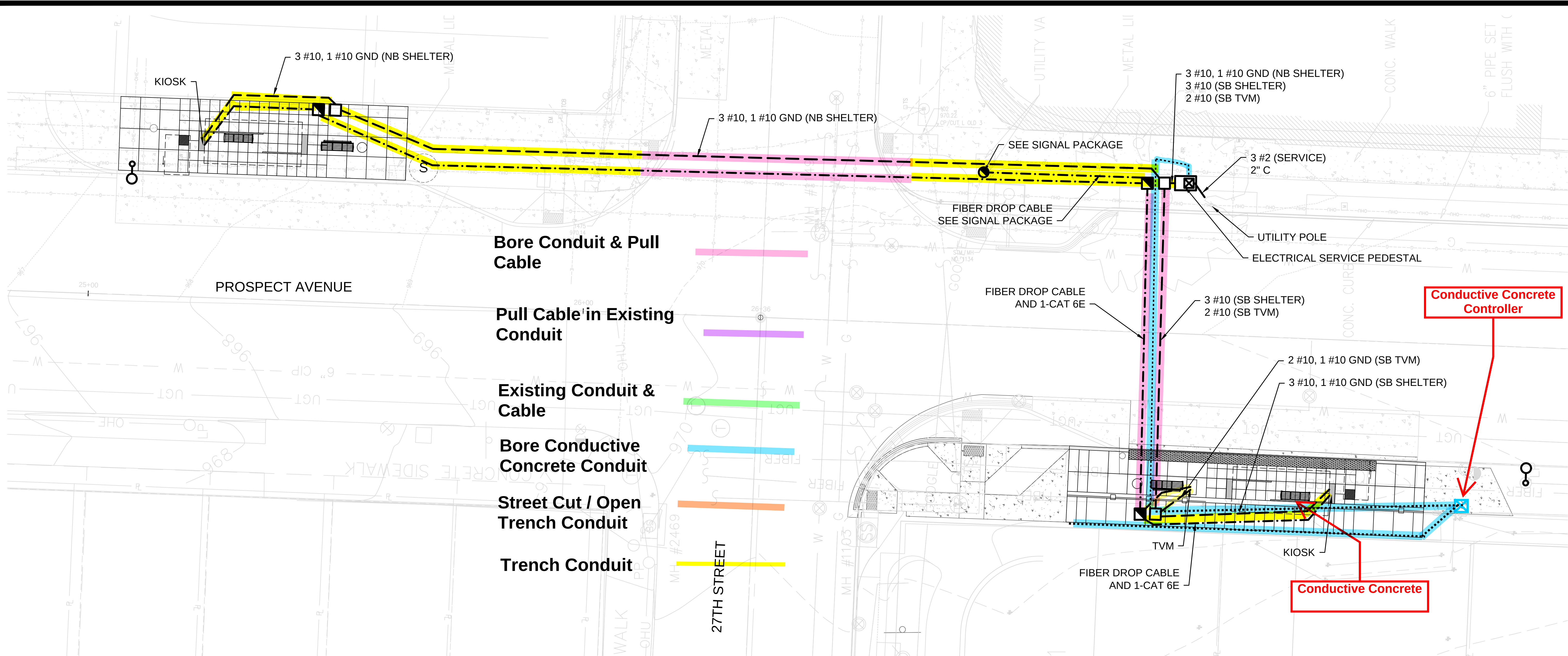
23RD STREET & PROSPECT AVENUE
STATION ELECTRICAL LAYOUT



John Schallert
Engineer
License No.:
E-20345

DWG NO.:
E081

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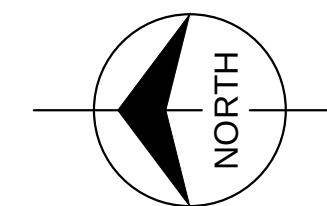
LEGEND

- ELECTRICAL SERVICE PEDESTAL
- GROUND MOUNTED PULL BOX FOR COMMUNICATIONS
- GROUND MOUNTED PULL BOX FOR POWER
- 1-1/2" HDPE CONDUIT WITH POWER CONDUCTORS AS INDICATED
- 1-1/2" HDPE CONDUIT WITH 1-CAT 6E CABLE AND RJ45 CONNECTORS UNLESS OTHERWISE NOTED
- EXISTING LIGHT POLE TO BE REMOVED OR RELOCATED
- PROPOSED LIGHT POLE LOCATION
- EXISTING LIGHT POLE TO REMAIN
- FIBER SPLICE BOX

NOTES

- COIL 10' OF EACH CABLE IN COMMUNICATION PULL BOXES.

PANEL : 27TH & PROSPECT										
VOLTAGE : 120 / 240 Volts						MAIN BREAKER : 125 A				
MOUNTING : Cabinet Mounted										
SERVICE	CONN WATTS	BKR		CKT		BKR		CONN WATTS	SERVICE	
		AMP	POLE	NO	AMP	POLE				
Main Breaker		100		1	2	20	1	1420	NB Shelter 1	
Main Breaker			2	3	4	20	1	1360	NB Shelter 1	
Spare		30	1	5	6	20	1	1420	SB Shelter 1	
SB TVM	1000	30	1	7	8	20	1	1360	SB Shelter 1	
Spare		20	1	9	10					
Spare		20	1	11	12					
PHASE A LOAD =		2840 Watts			23.7 Amps					
PHASE B LOAD =		3720 Watts			31.0 Amps					

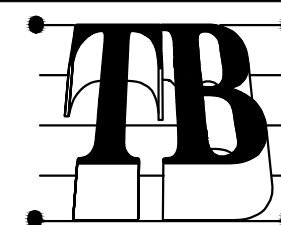


10 0 10 20
SCALE IN FEET
HORIZONTAL SCALE 1"=10'

04/04/18	ISSUED FOR BID	2	JS	KW	JS
12/28/17	ISSUED FOR KCMO PERMIT REVIEW	1	JS	KW	JS
DATE	REVISIONS AND RECORD OF ISSUE	NO.	BY	CHK	APP

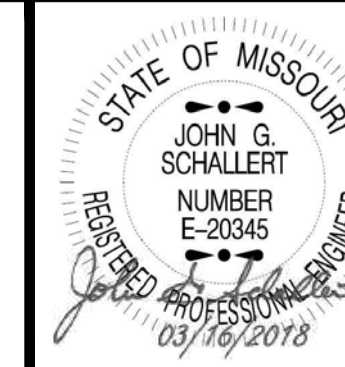
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DESIGNED BY: JGS DRAWN BY: KW CHECKED BY: JGS	DATE OF ORIGINAL ISSUE: March 1, 2018
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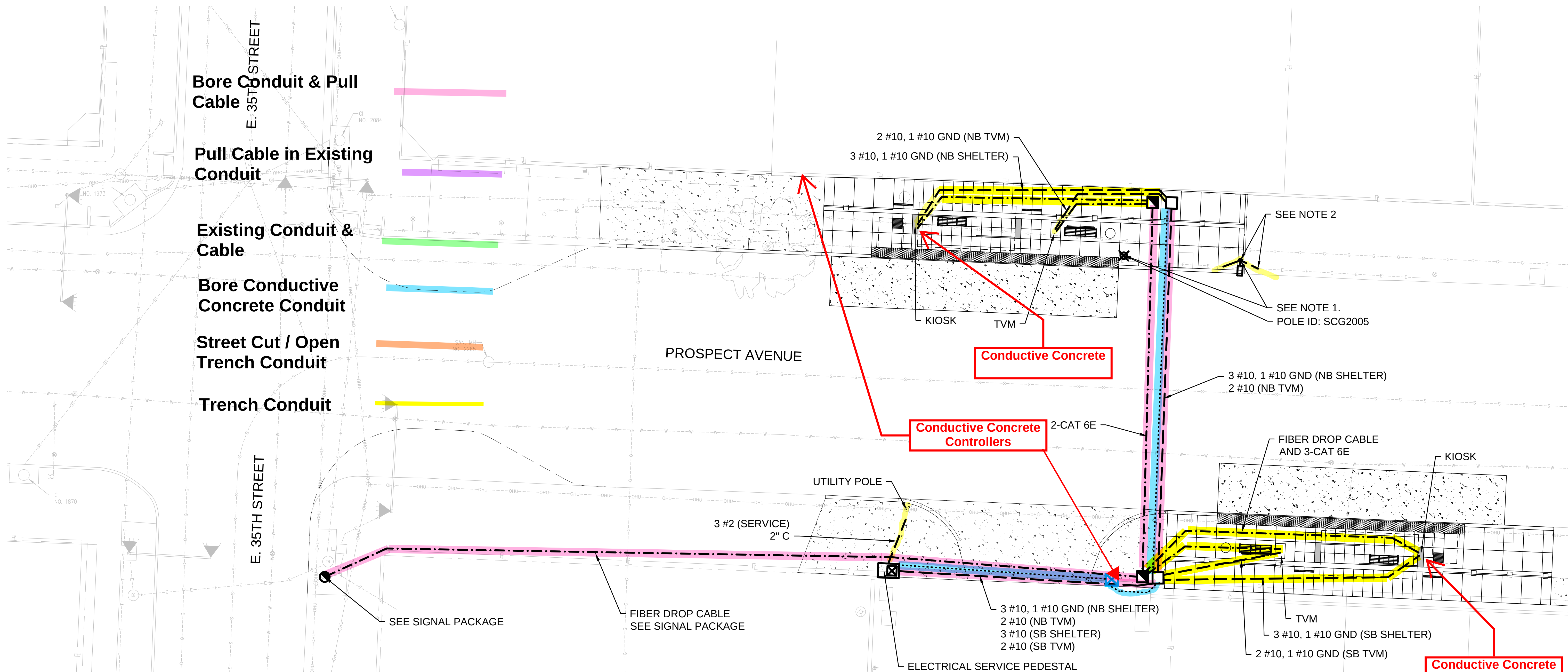
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PROFESSIONAL LAND SURVEYING CORPORATION
MISSOURI LICENSE NO. 000094

PROSPECT MAX STATIONS
KANSAS CITY AREA
TRANSPORTATION AUTHORITY
27TH STREET & PROSPECT AVENUE
STATION ELECTRICAL LAYOUT



John Schallert
Engineer
License No.:
E-20345
DWG NO.:
E091

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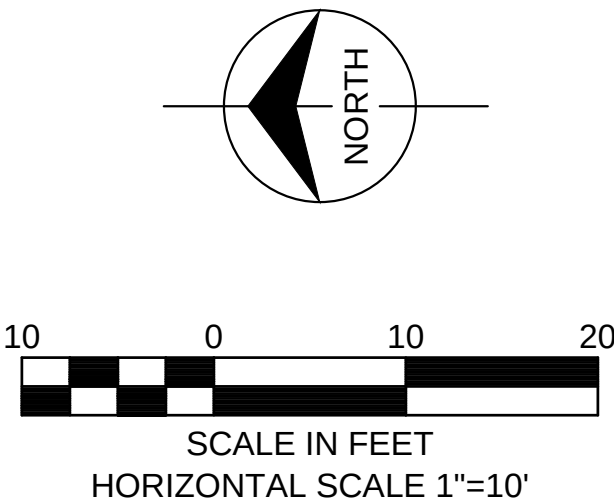
LEGEND

- ELECTRICAL SERVICE PEDESTAL
- GROUND MOUNTED PULL BOX FOR COMMUNICATIONS
- GROUND MOUNTED PULL BOX FOR POWER
- 1-1/2" HDPE CONDUIT WITH POWER CONDUCTORS AS INDICATED
- 1-1/2" HDPE CONDUIT WITH 1-CAT 6E CABLE AND RJ45 CONNECTORS UNLESS OTHERWISE NOTED
- EXISTING LIGHT POLE TO BE REMOVED OR RELOCATED
- PROPOSED LIGHT POLE LOCATION
- EXISTING LIGHT POLE TO REMAIN
- FIBER SPLICE BOX

NOTES

1. REMOVE AND RELOCATE EXISTING STREET LIGHT POLE SCG 2005. INSTALL NEW KCMO FOUNDATION PER SHEET E302. REMOVE EXISTING FOUNDATION TO 24" BELOW GRADE.
2. SPLICE TO EXISTING CONDUIT AND INSTALL CONDUCTORS OF THE SAME TYPE AND SIZE AS EXISTING TO POLES UPSTREAM AND DOWNSTREAM.
3. COIL 10' OF EACH CABLE IN COMMUNICATION PULL BOXES.

PANEL : 35TH & PROSPECT									
VOLTAGE : 120 / 240 Volts					MAIN BREAKER : 125 A				
MOUNTING : Cabinet Mounted									
SERVICE	CONN WATTS	BKR		CKT NO		BKR		CONN WATTS	SERVICE
		AMP	POLE			AMP	POLE		
Main Breaker		100		1	2	20	1	1420	SB Shelter 1
Main Breaker			2	3	4	20	1	1360	SB Shelter 1
NB Shelter 1	1420	20	1	5	6	30	1	1000	SB TVM
NB Shelter 1	1360	20	1	7	8	30	1	1000	NB TVM
Spare		20	1	9	10	30	1		Spare
Spare		20	1	11	12				
PHASE A LOAD =		3840 Watts			32.0 Amps				
PHASE B LOAD =		3720 Watts			31.0 Amps				

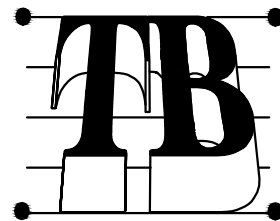


04/04/18	ISSUED FOR BID	2	JS	KW	JS
12/28/17	ISSUED FOR KCMO PERMIT REVIEW	1	JS	KW	JS
DATE	REVISIONS AND RECORD OF ISSUE	NO.	BY	CHK	APP

<u>HNTB Project No.</u> 61451		<u>File Name:</u> PMA-E111.DWG	
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PROSPECT MAX STATIONS

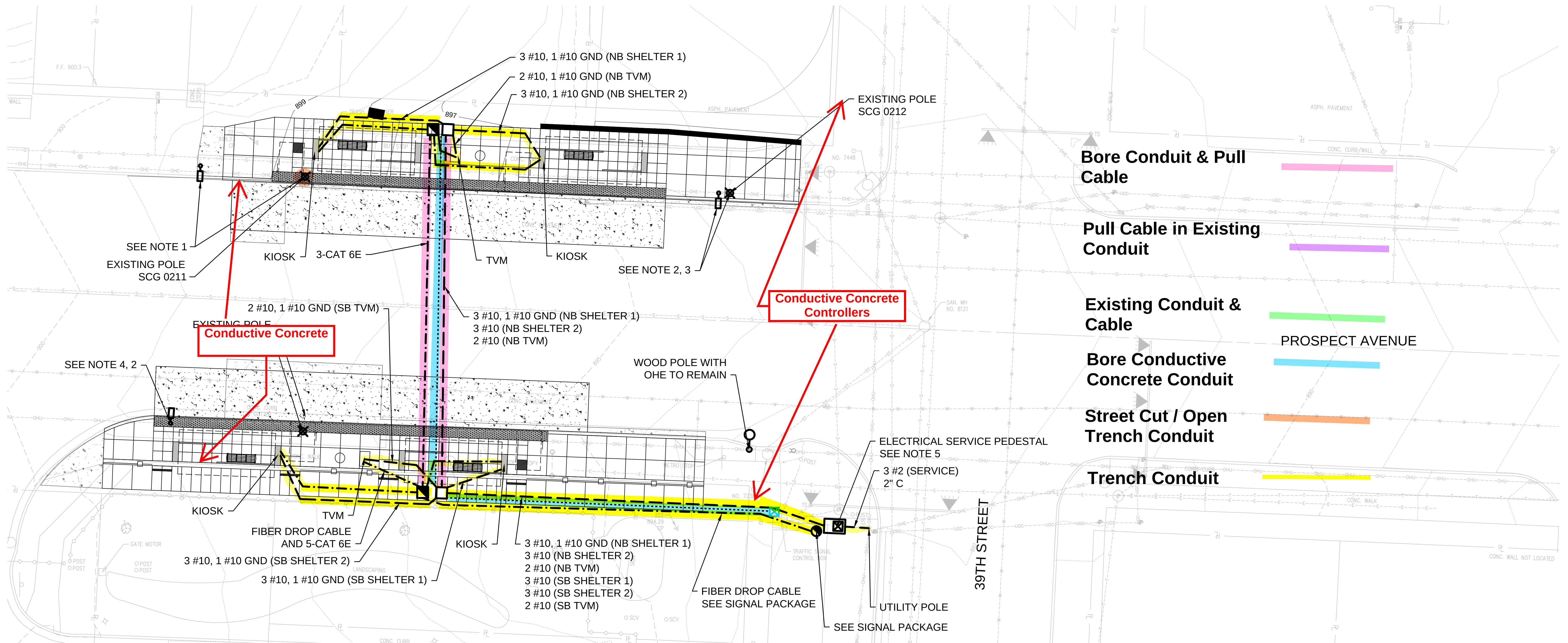
KANSAS CITY AREA
TRANSPORTATION AUTHORITY

35TH STREET & PROSPECT AVENUE
STATION ELECTRICAL LAYOUT



John Schallert
Engineer
License No.:
E-20345

DWG NO.:
E111



Bore Conduit & Pull Cable

Pull Cable in Existing Conduit

Existing Conduit & Cable

Bore Conductive Concrete Conduit

Street Cut / Open Trench Conduit

Trench Conduit

Conductive Concrete Controllers

Conductive Concrete

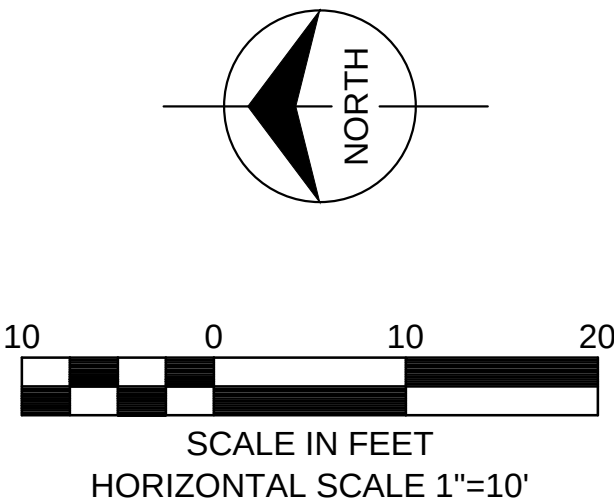
LEGEND

- ELECTRICAL SERVICE PEDESTAL
- GROUND MOUNTED PULL BOX FOR COMMUNICATIONS
- GROUND MOUNTED PULL BOX FOR POWER
- 1-1/2" HDPE CONDUIT WITH POWER CONDUCTORS AS INDICATED
- 1-1/2" HDPE CONDUIT WITH 1-CAT 6E CABLE AND RJ45 CONNECTORS UNLESS OTHERWISE NOTED
- EXISTING LIGHT POLE TO BE REMOVED OR RELOCATED
- PROPOSED LIGHT POLE LOCATION
- EXISTING LIGHT POLE TO REMAIN
- FIBER SPLICE BOX

NOTES

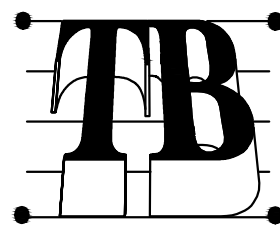
- REMOVE AND RELOCATE EXISTING WOOD STREET LIGHT POLE. RECONNECT OVERHEAD CIRCUIT TO NORTH AND SOUTH.
- REMOVE EXISTING METAL POLE. RELOCATE EXISTING LUMINAIRE.
- INSTALL NEW WOOD POLE AT 27.75' MOUNTING HEIGHT WITH 6' MAST ARM (MILLERBERND WITH WB6R6L). RECONNECT OVERHEAD TRIPLEX FEED TO NORTH AND SOUTH CIRCUIT.
- INSTALL 6' MAST ARM (MILLERBERND WITH WB6R6L) AND RELOCATED LUMINAIRE ON EXISTING POWER POLE AT A MOUNTING HEIGHT OF 27.75'. RECONNECT EXISTING OVERHEAD TRIPLEX FEED TO THE NORTH AND SOUTH CIRCUIT.
- COORDINATE SERVICE WITH KCPL.
- COIL 10' OF EACH CABLE IN COMMUNICATION PULL BOXES.

PANEL : 39TH & PROSPECT									
VOLTAGE : 120 / 240 Volts					MAIN BREAKER : 100 A				
MOUNTING : Cabinet Mounted									
SERVICE	CONN WATTS	BKR		CKT NO	BKR		CONN WATTS	SERVICE	
		AMP	POLE		AMP	POLE			
Main Breaker		100		1	2	20	1	1420	SB Shelter 1
Main Breaker			2	3	4	20	1	1360	SB Shelter 1
NB Shelter 1	1420	20	1	5	6	20	1	1420	SB Shelter 2
NB Shelter 1	1360	20	1	7	8	20	1	1360	SB Shelter 2
NB Shelter 2	1420	20	1	9	10	30	1	1000	SB TVM
NB Shelter 2	1360	20	1	11	12	30	1	1000	NB TVM
Spare		20	1	13	14	30	1		Spare
Spare		20	1	15	16	30	1		Spare
PHASE A LOAD =		6680 Watts		55.7 Amps					
PHASE B LOAD =		6440 Watts		53.7 Amps					



										<u>HNTB Project No.</u> 61451	<u>File Name:</u> PMAX-E121.DWG
										DESIGNED BY: JGS DRAWN BY: KW CHECKED BY: JGS	<u>DATE OF ORIGINAL ISSUE:</u> June 26, 2018
04/04/18	ISSUED FOR BID					2	JS	KW	JS	THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL SEAL APPEARS ON THIS SHEET ASSUMES RESPONSIBILITY ONLY FOR WHAT APPEARS ON THIS PAGE, AND DISCLAIMS (PURSUANT TO SECTION 327.411 RDMO) ANY RESPONSIBILITY OF ALL OTHER PLANS, SPECIFICATIONS, ESTIMATES, REPORTS OR OTHER DOCUMENTS OR INSTRUMENTS NOT SEALED BY THE UNDERSIGNED PROFESSIONAL RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE PROJECT TO WHICH THIS PAGE REFERS.	
12/28/17	ISSUED FOR KCMO PERMIT REVIEW					1	JS	KW	JS		
DATE	REVISIONS AND RECORD OF ISSUE					NO.	BY	CK	APP		

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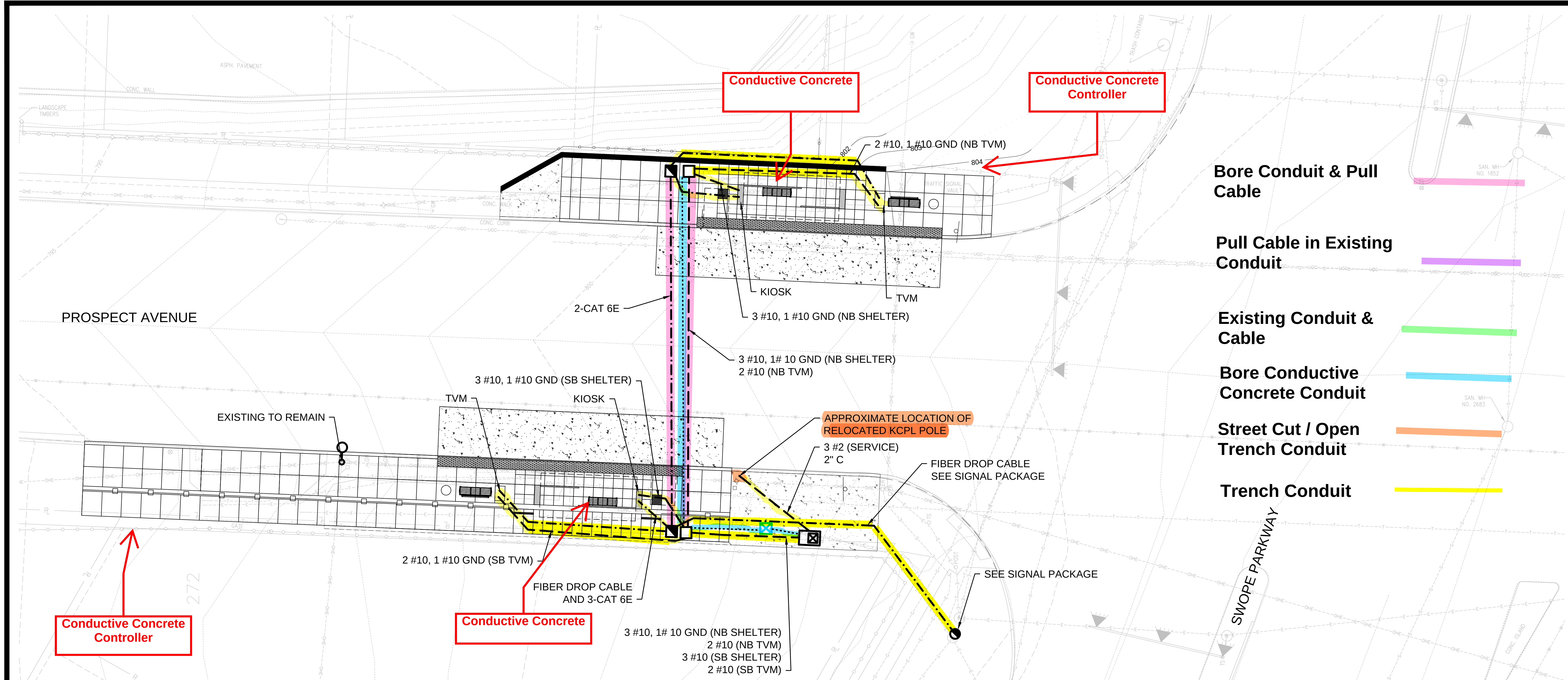
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PROSPECT MAX STATIONS
KANSAS CITY AREA
TRANSPORTATION AUTHORITY
39TH STREET & PROSPECT AVENUE
STATION ELECTRICAL LAYOUT



John Schallert
Engineer
License No.: E-20345
DWG NO.: E121

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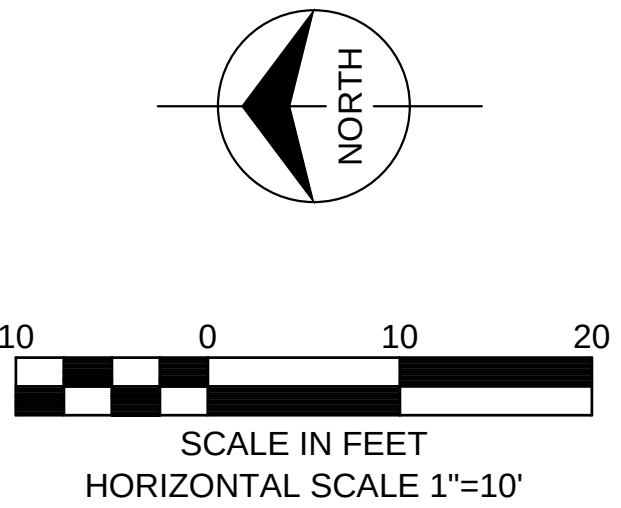
LEGEND

- ELECTRICAL SERVICE PEDESTAL
- GROUND MOUNTED PULL BOX FOR COMMUNICATIONS
- GROUND MOUNTED PULL BOX FOR POWER
- 1-1/2" HDPE CONDUIT WITH POWER CONDUCTORS AS INDICATED
- 1-1/2" HDPE CONDUIT WITH 1-CAT 6E CABLE AND RJ45 CONNECTORS UNLESS OTHERWISE NOTED
- EXISTING LIGHT POLE TO BE REMOVED OR RELOCATED
- PROPOSED LIGHT POLE LOCATION
- EXISTING LIGHT POLE TO REMAIN
- FIBER SPLICE BOX

NOTES

1. COIL 10' OF EACH CABLE IN COMMUNICATION PULL BOXES.

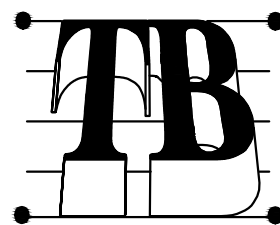
PANEL : SWOPE PKWY & PROSPECT									
VOLTAGE : 120 / 240 Volts					MAIN BREAKER : 100 A				
MOUNTING : Cabinet Mounted									
SERVICE	CONN WATTS	BKR		CKT NO		BKR		CONN WATTS	SERVICE
		AMP	POLE			AMP	POLE		
Main Breaker		100		1	2	20	1	1420	SB Shelter 1
Main Breaker			2	3	4	20	1	1360	SB Shelter 1
NB Shelter 1	1420	20	1	5	6	30	1	1000	SB TVM
NB Shelter 1	1360	20	1	7	8	30	1	1000	NB TVM
Spare		20	1	9	10	30	1		Spare
Spare		20	1	11	12				
PHASE A LOAD =		3840 Watts			32.0 Amps				
PHASE B LOAD =		3720 Watts			31.0 Amps				



04/04/18	ISSUED FOR BID	2	JS	KW	JS
12/28/17	ISSUED FOR KCMO PERMIT REVIEW	1	JS	KW	JS
DATE	REVISIONS AND RECORD OF ISSUE	NO.	BY	CK	APP

HNTB Project No. 61451	File Name: P\\MAX-E141.DWG
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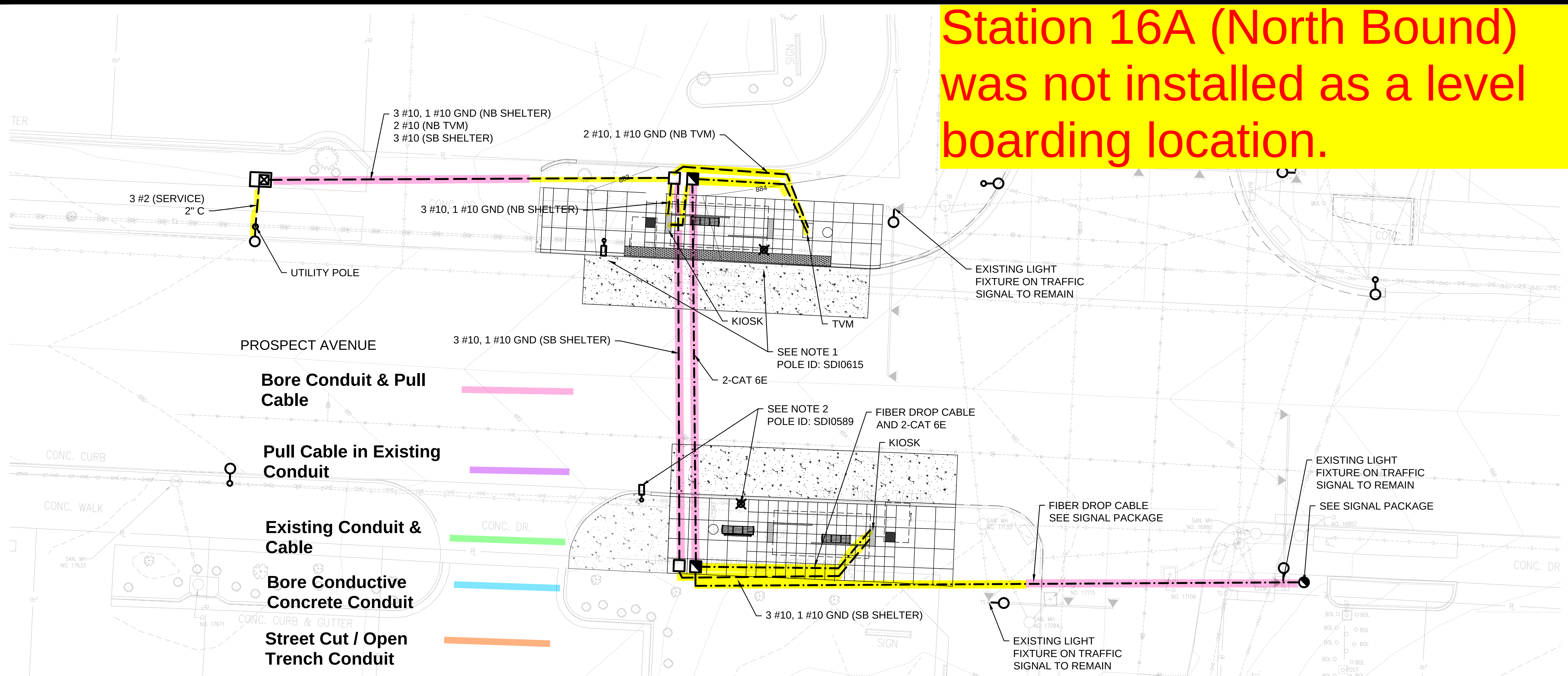
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Civil / Structural Engineering,
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PROFESSIONAL LAND SURVEYING CORPORATION
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PROSPECT MAX STATIONS
KANSAS CITY AREA
TRANSPORTATION AUTHORITY
SWOPE PKWY & PROSPECT AVENUE
STATION ELECTRICAL LAYOUT



John Schallert
Engineer
License No.:
E-20345
DWG NO.:
E141

Station 16A (North Bound)
was not installed as a level
boarding location.



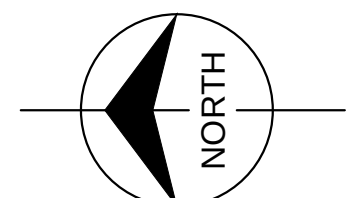
LEGEND

-  ELECTRICAL SERVICE PEDESTAL
 -  GROUND MOUNTED PULL BOX FOR COMMUNICATIONS
 -  GROUND MOUNTED PULL BOX FOR POWER
 -  1-1/2" HDPE CONDUIT WITH POWER CONDUCTORS AS INDICATED
 -  1-1/2" HDPE CONDUIT WITH 1-CAT 6E CABLE AND RJ45 CONNECTORS UNLESS OTHERWISE NOTED
 -  EXISTING LIGHT POLE TO BE REMOVED OR RELOCATED
 -  PROPOSED LIGHT POLE LOCATION
 -  EXISTING LIGHT POLE TO REMAIN
 -  FIBER SPLICE BOX

NOTES

1. INSTALL 6' MAST ARM (MILLERBERND WITH WB4R6L-3) AND RELOCATED LUMINAIRE (SDI 0615) TO EXISTING POWER POLE AT A MOUNTING HEIGHT OF 27.75'. RECONNECT OVERHEAD DUPLEX FEED TO THE NORTH CIRCUIT.
2. REMOVE AND RELOCATE EXISTING WOOD STREET LIGHT POLE SDI 0589. RECONNECT EXISTING OVERHEAD LIGHTING CIRCUIT.
3. COIL 10' OF EACH CABLE IN COMMUNICATION PULL BOXES.

PANEL : 55TH & PROSPECT										
VOLTAGE : 120 / 240 Volts						MAIN BREAKER : 125 A				
MOUNTING : Cabinet Mounted										
SERVICE	CONN WATTS	BKR		CKT NO		BKR		CONN WATTS	SERVICE	
		AMP	POLE			AMP	POLE			
Main Breaker		100		1	2	20	1	1420	NB Shelter 1	
Main Breaker			2	3	4	20	1	1360	NB Shelter 1	
Spare		30	1	5	6	20	1	1420	SB Shelter 1	
NB TVM	1000	30	1	7	8	20	1	1360	SB Shelter 1	
Spare		20	1	9	10					
Spare		20	1	11	12					
PHASE A LOAD =		2840 Watts			23.7 Amps					
PHASE B LOAD =		3720 Watts			31.0 Amps					

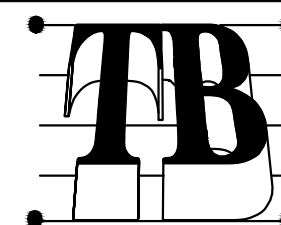


10 0 10 20

SCALE IN FEET
HORIZONTAL SCALE 1"=10'

							HNTB Project No. 61451	File Name: PMAx-E161.DWG
							DESIGNED BY: JGS DRAWN BY: KW CHECKED BY: JGS	DATE OF ORIGINAL ISSUE: April 4, 2018
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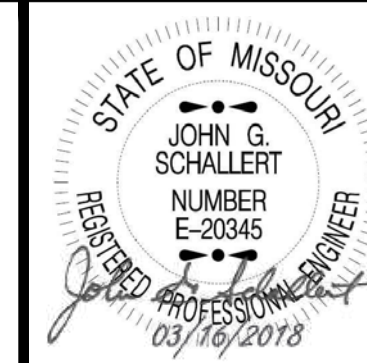
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KANSAS CITY AREA
TRANSPORTATION AUTHORITY

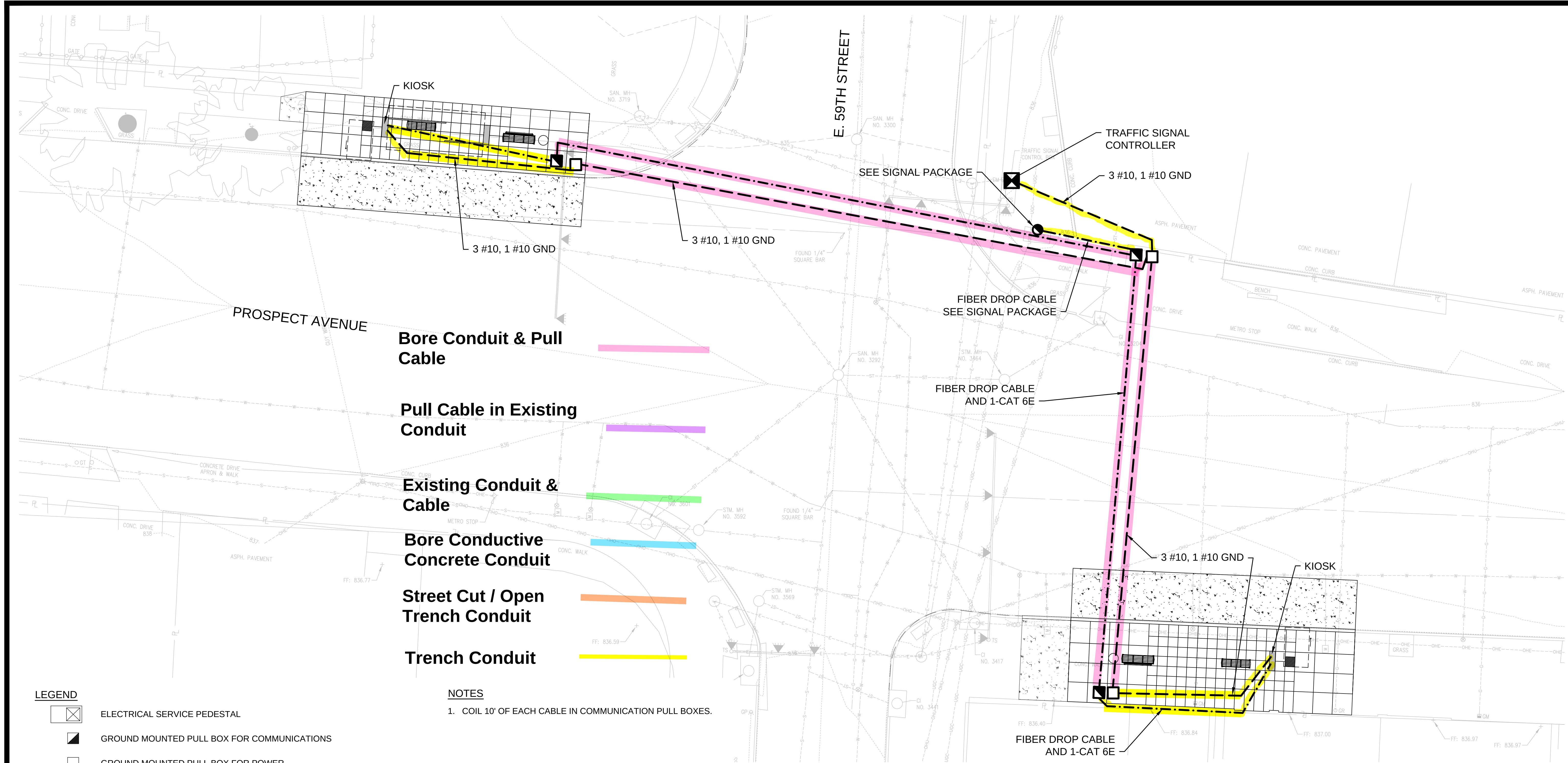
55TH STREET & PROSPECT AVENUE STATION ELECTRICAL LAYOUT



John Schallert
Engineer
License No.:
E-20345

DWG NO.:
E161

\\KCOW00\Jobs\61451\Elec\Drawings\CD\100%\PMAX-E171.dwg Apr 05, 2018 - 9:10am



LEGEND

- ELECTRICAL SERVICE PEDESTAL
- GROUND MOUNTED PULL BOX FOR COMMUNICATIONS
- GROUND MOUNTED PULL BOX FOR POWER
- 1-1/2" HDPE CONDUIT WITH POWER CONDUCTORS AS INDICATED
- 1-1/2" HDPE CONDUIT WITH 1-CAT 6E CABLE AND RJ45 CONNECTORS UNLESS OTHERWISE NOTED
- EXISTING LIGHT POLE TO BE REMOVED OR RELOCATED
- PROPOSED LIGHT POLE LOCATION
- EXISTING LIGHT POLE TO REMAIN
- FIBER SPLICE BOX

NOTES

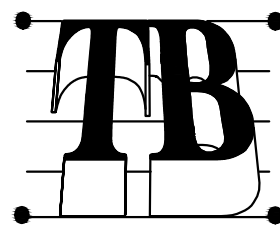
1. COIL 10' OF EACH CABLE IN COMMUNICATION PULL BOXES.

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12/28/17	ISSUED FOR KCMO PERMIT REVIEW	1	JS	KW	JS
DATE	REVISIONS AND RECORD OF ISSUE	NO.	BY	CK	APP

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DESIGNED BY: JGS DRAWN BY: KW CHECKED BY: JGS	DATE OF ORIGINAL ISSUE: March 1, 2018
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PROSPECT MAX STATIONS

KANSAS CITY AREA
TRANSPORTATION AUTHORITY

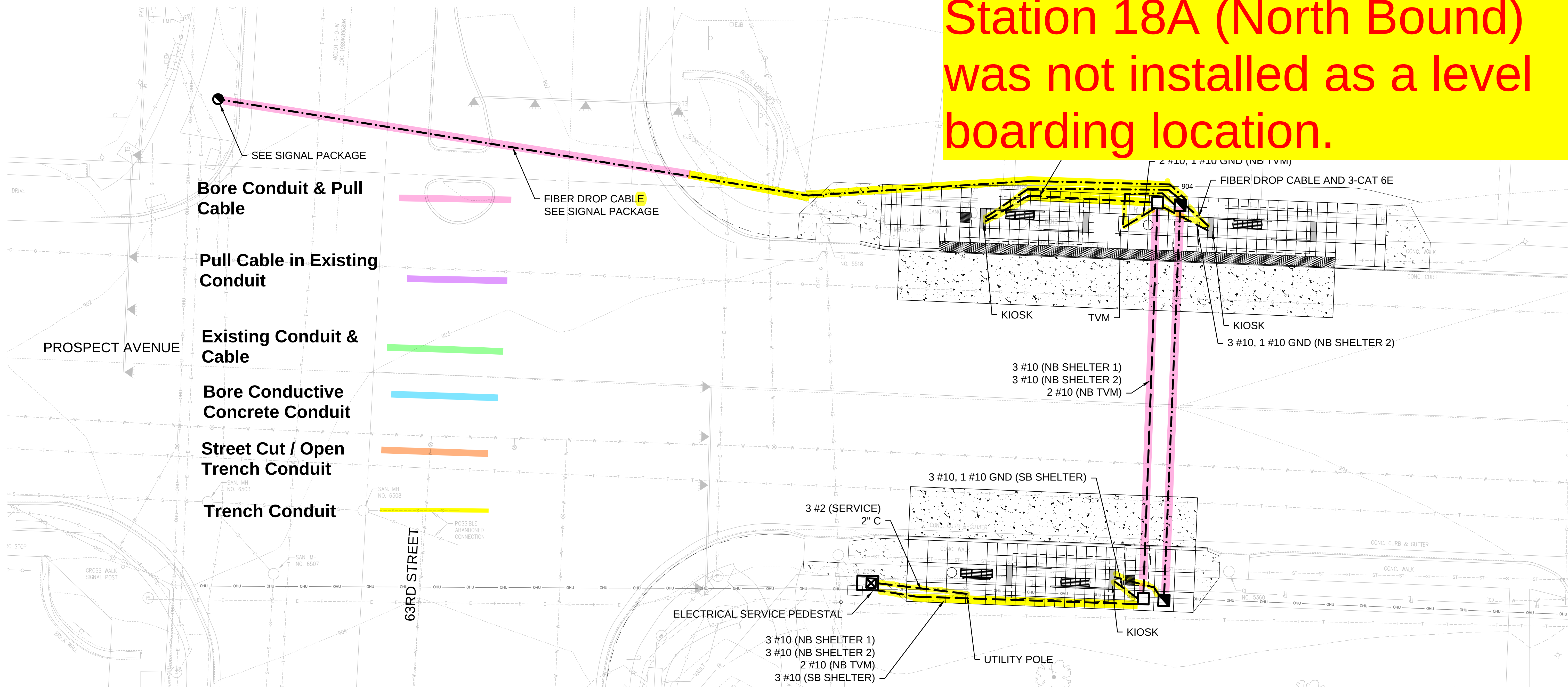
59TH STREET & PROSPECT AVENUE
STATION ELECTRICAL LAYOUT



John Schallert
Engineer
License No.:
E-20345

DWG NO.:
E171

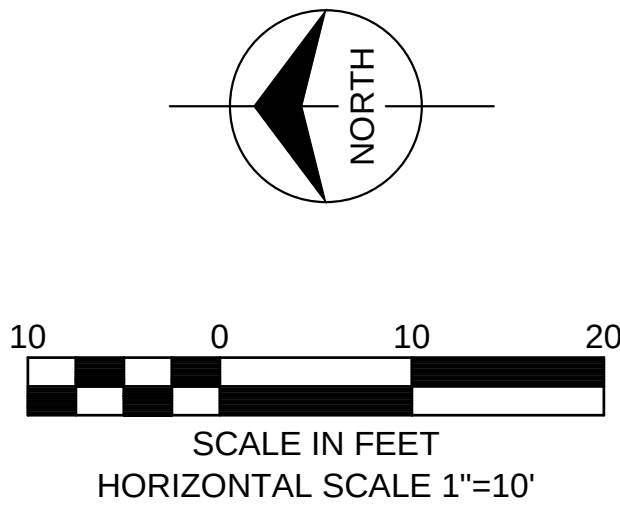
Station 18A (North Bound)
was not installed as a level
boarding location.



- LEGEND**
- ELECTRICAL SERVICE PEDESTAL
 - GROUND MOUNTED PULL BOX FOR COMMUNICATIONS
 - GROUND MOUNTED PULL BOX FOR POWER
 - 1-1/2" HDPE CONDUIT WITH POWER CONDUCTORS AS INDICATED
 - 1-1/2" HDPE CONDUIT WITH 1-CAT 6E CABLE AND RJ45 CONNECTORS UNLESS OTHERWISE NOTED
 - EXISTING LIGHT POLE TO BE REMOVED OR RELOCATED
 - PROPOSED LIGHT POLE LOCATION
 - EXISTING LIGHT POLE TO REMAIN
 - FIBER SPLICE BOX

- NOTES**
1. COIL 10' OF EACH CABLE IN COMMUNICATION PULL BOXES.

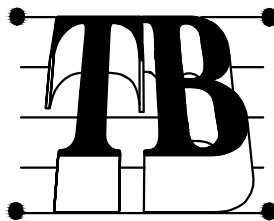
PANEL : 63RD & PROSPECT									
VOLTAGE : 120 / 240 Volts					MAIN BREAKER : 100 A				
MOUNTING : Cabinet Mounted									
SERVICE	CONN WATTS	BKR		CKT NO	BKR		CONN WATTS	SERVICE	
		AMP	POLE		AMP	POLE			
Main Breaker		100		1	2	20	1	1420	NB Shelter 1
Main Breaker			2	3	4	20	1	1360	NB Shelter 1
SB Shelter 1	1420	20	1	5	6	20	1	1420	NB Shelter 2
SB Shelter 1	1360	20	1	7	8	20	1	1360	NB Shelter 2
Spare		30	1	9	10				
NB TVM	1000	30	1	11	12				
PHASE A LOAD =		4260 Watts			35.5 Amps				
PHASE B LOAD =		5080 Watts			42.3 Amps				



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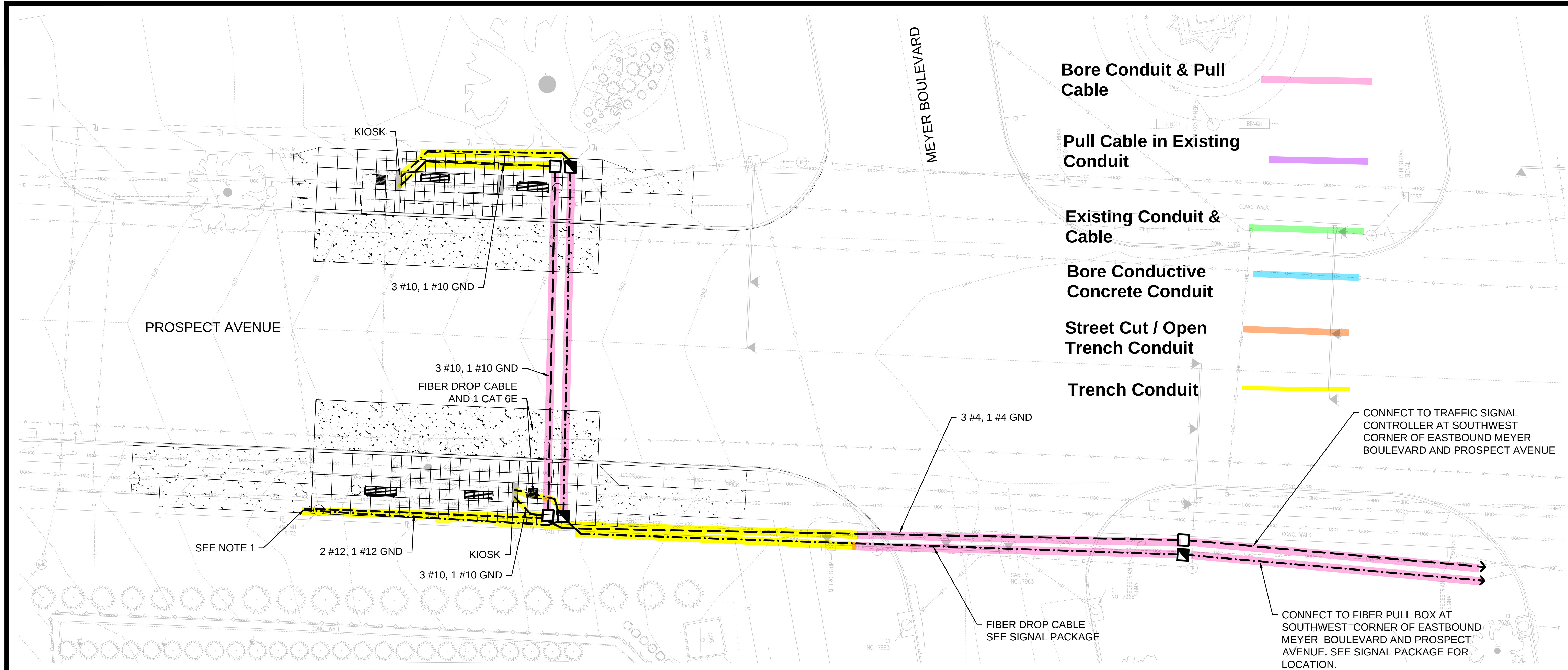
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TRANSPORTATION AUTHORITY
63RD STREET & PROSPECT AVENUE
STATION ELECTRICAL LAYOUT



John Schallert
Engineer
License No.:
E-20345
DWG NO.:
E181

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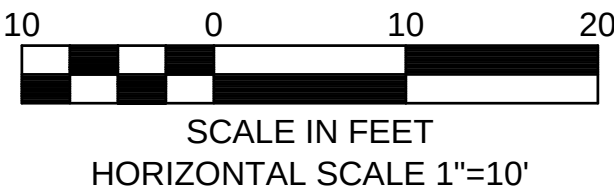
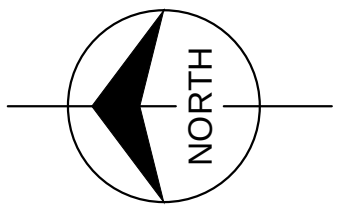


LEGEND

- ELECTRICAL SERVICE PEDESTAL
- GROUND MOUNTED PULL BOX FOR COMMUNICATIONS
- GROUND MOUNTED PULL BOX FOR POWER
- 1-1/2" HDPE CONDUIT WITH POWER CONDUCTORS AS INDICATED
- 1-1/2" HDPE CONDUIT WITH 1-CAT 6E CABLE AND RJ45 CONNECTORS UNLESS OTHERWISE NOTED
- EXISTING LIGHT POLE TO BE REMOVED OR RELOCATED
- PROPOSED LIGHT POLE LOCATION
- EXISTING LIGHT POLE TO REMAIN
- FIBER SPLICE BOX

NOTES

1. STUB-UP CONDUIT FOR B-CYCLE KIOSK. COORDINATE WITH BIKEWALKKC FOR EXACT LOCATION. AFTER KIOSK IS SET, INSTALL GFI OUTLET INSIDE KIOSK.
2. COIL 10' OF EACH CABLE IN COMMUNICATION PULL BOXES.

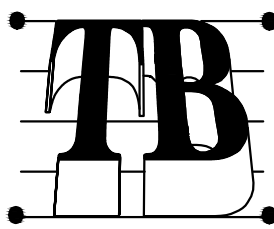


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12/28/17	ISSUED FOR KCMO PERMIT REVIEW	1	JS	KW	JS
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KANSAS CITY AREA
TRANSPORTATION AUTHORITY

MEYER BOULEVARD & PROSPECT AVENUE
STATION ELECTRICAL LAYOUT

STATE OF MISSOURI

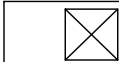
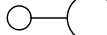
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John Schallert
Engineer
License No.:
E-20345

DWG NO.:
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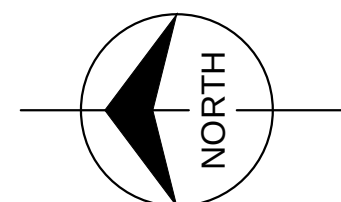
LEGEND

- | | |
|---|--|
|  | ELECTRICAL SERVICE PEDESTAL |
|  | GROUND MOUNTED PULL BOX FOR COMMUNICATIONS |
|  | GROUND MOUNTED PULL BOX FOR POWER |
|  | 1-1/2" HDPE CONDUIT WITH POWER CONDUCTORS AS INDICATED |
|  | 1-1/2" HDPE CONDUIT WITH 1-CAT 6E CABLE AND RJ45 CONNECTORS UNLESS OTHERWISE NOTED |
|  | EXISTING LIGHT POLE TO BE REMOVED OR RELOCATED |
|  | PROPOSED LIGHT POLE LOCATION |
|  | EXISTING LIGHT POLE TO REMAIN |
|  | FIBER SPLICE BOX |

NOTES

1. COIL 10' OF EACH CABLE IN COMMUNICATION PULL BOXES.

PANEL : GREGORY BLVD & PROSPECT										
VOLTAGE : 120 / 240 Volts								MAIN BREAKER : 125 A		
MOUNTING : Cabinet Mounted										
SERVICE	CONN WATTS	BKR		CKT NO		BKR		CONN WATTS	SERVICE	
		AMP	POLE			AMP	POLE			
Main Breaker		100		1	2	20	1	1420	NB Shelter 1	
Main Breaker			2	3	4	20	1	1360	NB Shelter 1	
Spare		30	1	5	6	20	1	1420	SB Shelter 1	
SB TVM	1000	30	1	7	8	20	1	1360	SB Shelter 1	
Spare		20	1	9	10					
Spare		20	1	11	12					
PHASE A LOAD =		2840 Watts		23.7 Amps						
PHASE B LOAD =		3720 Watts		31.0 Amps						

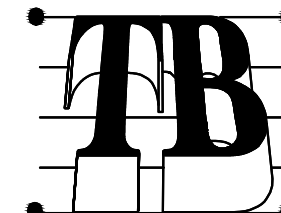


SCALE IN FEET
HORIZONTAL SCALE 1"=10'

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							DESIGNED BY: JGS DRAWN BY: KW CHECKED BY: JGS	DATE OF ORIGINAL ISSUE: March 1, 2018
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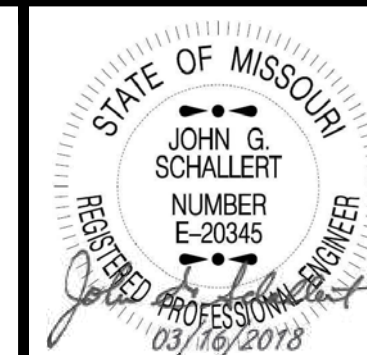
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KANSAS CITY AREA
TRANSPORTATION AUTHORITY

GREGORY BOULEVARD & PROSPECT AVENUE STATION ELECTRICAL LAYOUT



John Schallert
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License No.:
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DWG NO.:
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