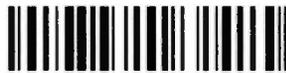


217



CONSENT TO ENCROACHMENT

THE STATE OF TEXAS §
 §
COUNTY OF FORT BEND §

WHEREAS, FORT BEND COUNTY (the "Owners") own that certain tract or parcel of real property and all improvements situated thereon in FORT BEND COUNTY, Texas, and described more fully as:

Fort Bend County right-of-way.

which is described on the attached surveys dated November 28, 2022 through December 6, 2022 and attached hereto as Exhibit "A" and is also known as McKeever Road Fiber Optic Plans (the "Property"); and

WHEREAS, GULF COAST WATER AUTHORITY ("GCWA") is a conservation and reclamation district and a political subdivision of the State of Texas, having its principal office at 3630 FM 1765, Texas City, Texas 77591; and

WHEREAS, the Property is on or adjacent to certain water over which GCWA has a right of use and access ("GCWA's Area"); and

WHEREAS, the Owners wish to place a camera pole and fiber optic trunk line (the "Encroachment") within a portion of GCWA's Area; and

WHEREAS, the Owners have requested that GCWA give its consent to the Encroachment within GCWA's Area; and

WHEREAS, the Owners and GCWA wish to set forth in writing their agreements concerning the Encroachment in this Consent to Encroachment (this "Consent").

AGREEMENT

NOW, THEREFORE, for and in consideration of the mutual covenants contained herein, and other good and valuable consideration, the receipt and sufficiency of which are hereby expressly acknowledged, the parties agree as follows:

1. GRANT OF LICENSE; TERM. Pursuant to the terms and conditions set forth in this Consent, GCWA, as grantor, hereby grants to the Owners a license for the Owners to maintain on the Property and within GCWA's Area the Encroachment as shown on Exhibit A. The term of this Consent shall begin on the date on which this Consent is executed by GCWA (the "Effective Date") and, unless earlier terminated in accordance with the provisions hereof, shall expire on the thirtieth (30th) anniversary of the Effective Date.

2. TERMINATION OF CONSENT.

A. This Consent, and the license granted to Owners hereunder, shall automatically terminate if the Encroachment is hereafter either (i) removed by the party maintaining the Encroachment, or (ii) substantially destroyed by any cause beyond the control of and without the negligence of the GCWA. For purposes of the foregoing provision, the term "substantially destroyed" means that more than 75% of the Encroachment is damaged or destroyed.

B. GCWA shall have the right to terminate this Consent at any time and for any reason at its sole discretion upon twelve (12) months' prior written notice to Owners.

3. MAINTENANCE AND REPAIRS. The Owners are solely responsible for maintenance, repair and upkeep of the Encroachment and shall reimburse GCWA for any and all damage to GCWA's Area caused by the Encroachment.

4. MISCELLANEOUS. This Consent is intended solely for the benefit of the parties

hereto and shall not create any rights for any third parties. Venue for any action arising out of this Consent shall lie exclusively in the federal or state courts of Fort Bend County, Texas.

5. REQUIRED CONTRACT PROVISIONS. Every contract entered into between the Owners and any builder, supplier, mechanic, material man, laborer, worker, artisan, contractor or subcontractor in conjunction with the Owners' construction, operation, maintenance, inspection, repair, replacement, removal, existence and use of the Encroachment on, about, or attendant to GCWA's Area (a "Contractor") must contain a provision by which the Contractor agrees to defend, indemnify and hold harmless GCWA, its successors and assigns, agents, representatives, and employees ("GCWA Parties") from and against all liability arising from claims, suits, actions, costs (including reimbursement for reasonable attorney's fees and costs of investigation, expenses), damages, losses, fines, interest, penalties, assessments, judgments, demands, causes of action and all litigation/arbitration of any kind or character (individually, a "Claim" and collectively, "Claims") arising out of or in any way caused by, attributed to, resulting from or connected with the Owners' (including Owners' employees, agents, contractors, invitees, and others designated by Owners) construction, operation, maintenance, inspection, repair, replacement, removal, existence and used of said Encroachment on, about, or attendant to GCWA's Area that may be imposed on, incurred by or asserted by a third party against the GCWA Parties including any Claim alleged to be caused in whole or in part by the negligence or other wrongful act of a GCWA Party.

6. DISCHARGE OF LIENS. The Owners will not create or permit to be created or remain, and will discharge, at the Owners' sole cost and expense, any and all liens, encumbrances or charges levied on account of any builder's, supplier's, mechanic's, laborer's, materialmen's or similar lien that might become a lien, encumbrance, or charge upon GCWA's Area or any property belonging

to GCWA. If any such liens, encumbrances or charges shall at any time be filed against GCWA's Area or any property belonging to GCWA as a result of the Encroachment, the Owners will cause, within thirty (30) days' of written demand by GCWA, the same to be fully discharged and released of record by payment, deposit, bond, order of a court of competent jurisdiction, or otherwise.

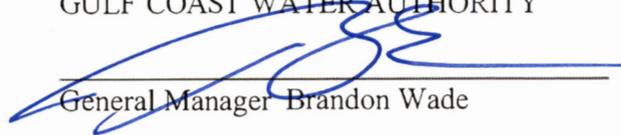
7. EXPANSION OF ENCROACHMENT PROHIBITED. The Owners agree for themselves, and for their successors, assigns, and grantees, that they will not expand nor modify the Encroachment within GCWA's Area without the prior express written consent of GCWA and, unless otherwise expressly provided herein, any construction within GCWA's Area shall be performed in full compliance with the GCWA requirements and applicable zoning regulations.

8. ASSIGNMENT. The exercise and enjoyment by Owners' successors, assigns, and grantees of the rights and privileges to which GCWA has herein granted its consent shall constitute affirmative acceptance by such successors, assigns, and grantees of the terms and conditions herein contained; provided, however, that GCWA hereby requires, for itself, and its successors and assigns, that any such successor, assign, or grantee must further signify acceptance of such terms and conditions by execution of a Consent to Encroachment in recordable form, and payment to GCWA of the applicable fee therefor, and should any such successor, assign, or grantee refuse to execute such Consent to Encroachment and pay such fee, upon thirty (30) days' prior written notice from GCWA, the rights and privileges herein consented to shall thereupon automatically terminate and shall be of no further force and effect.

IN WITNESS WHEREOF, the Owners and GCWA have executed this Consent as of the respective acknowledgment dates set forth below, to become effective for all purposes as of the Effective Date.



GULF COAST WATER AUTHORITY



General Manager Brandon Wade

Date: March 16, 2023

FORT BEND COUNTY, TEXAS

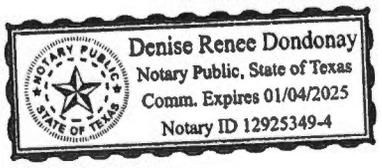


KP George, County Judge

Date: February 14, 2023

THE STATE OF TEXAS §
 §
COUNTY OF Galveston §

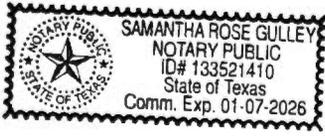
This instrument was acknowledged before me on the 16th day of March, 2023, by Brandon Wade, the General Manager of Gulf Coast Water Authority, a conservation and reclamation district and a political subdivision of the State of Texas, on behalf of said conservation and reclamation district.



Denise Renee Dondonay
Notary Public In and For the State of Texas

THE STATE OF TEXAS §
 §
COUNTY OF FORT BEND §

This instrument was acknowledged before me on the 14th day of February, 2023, by KP George, County Judge of Fort Bend County, Texas, on behalf of said county.

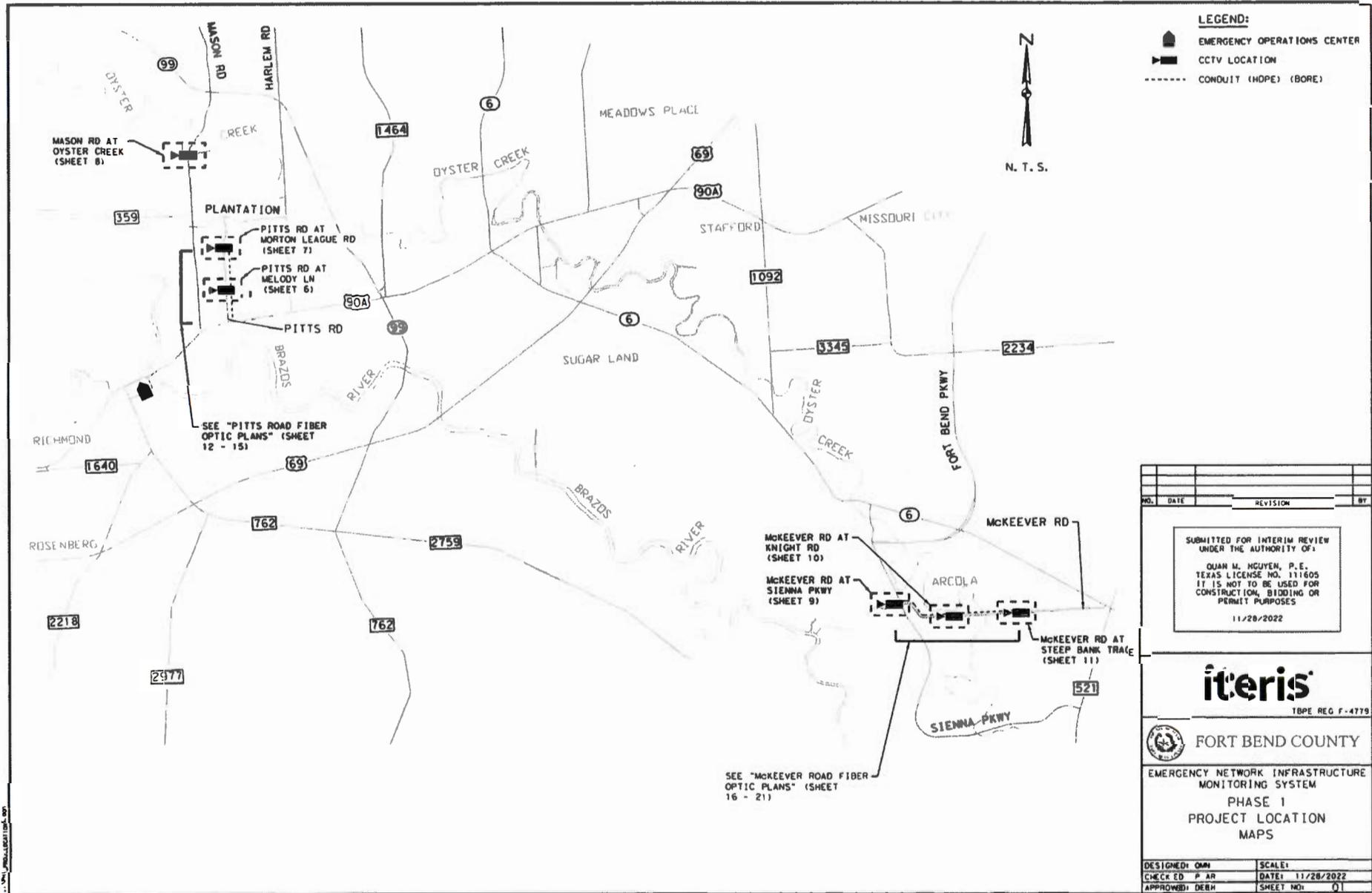


Samantha Rose Gulley
Notary Public In and For the State of Texas

Exhibit A

RECORDER'S MEMORANDUM

This page is not satisfactory for photographic recordation due to carbon or photo copy, discolored paper, etc. All block-outs, additions and changes were presented at time instrument was filed and recorded.



NO.	DATE	REVISION	BY

SUBMITTED FOR INTERIM REVIEW UNDER THE AUTHORITY OF:

QUAN M. NGUYEN, P.E.
TEXAS LICENSE NO. 111605
IT IS NOT TO BE USED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES

11/28/2022

iteris
TBPB REG F-4779

FORT BEND COUNTY

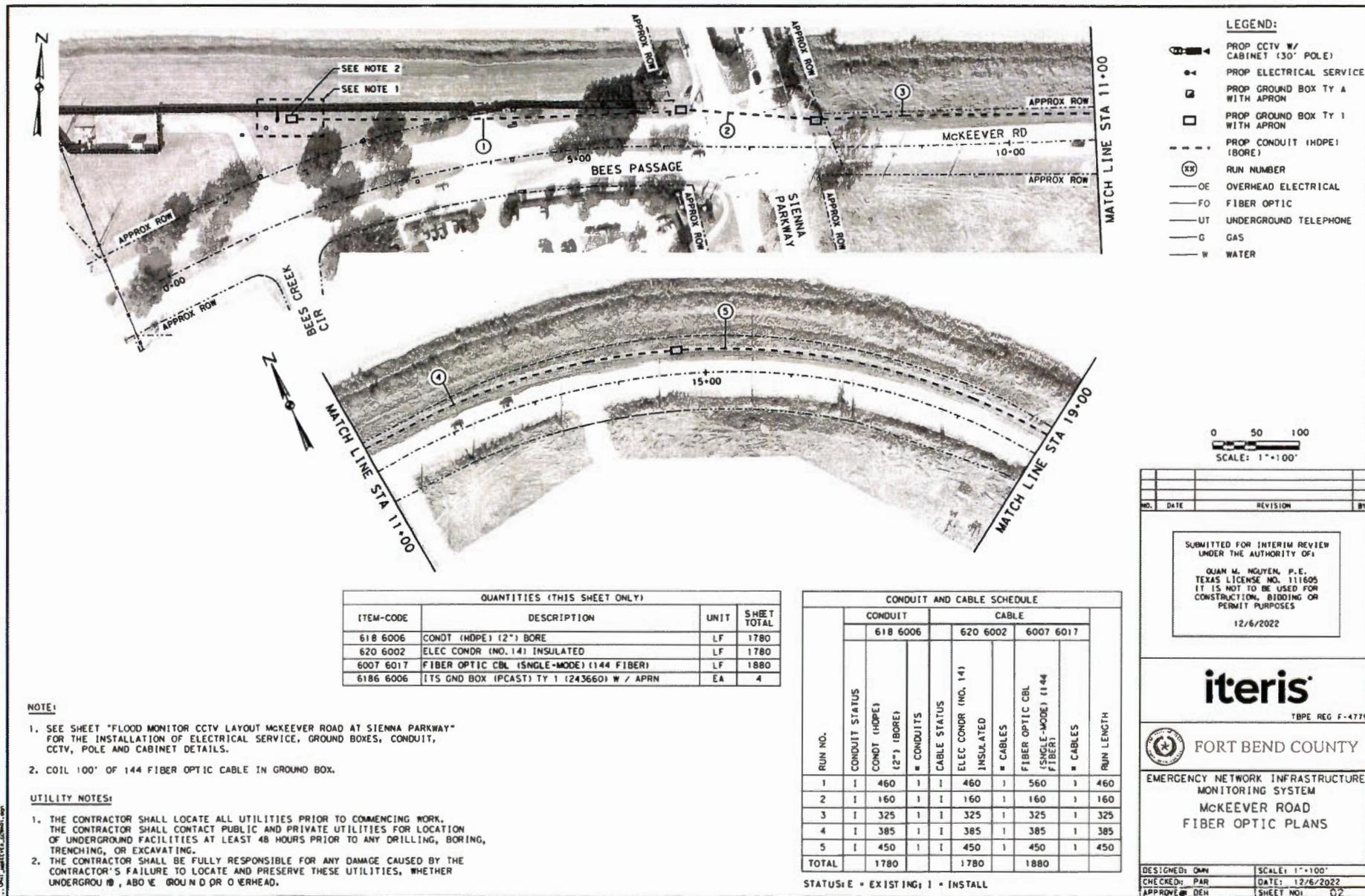
EMERGENCY NETWORK INFRASTRUCTURE MONITORING SYSTEM

PHASE 1
PROJECT LOCATION MAPS

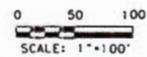
DESIGNED: OMM	SCALE:
CHECKED: P AR	DATE: 11/28/2022
APPROVED: DEBH	SHEET NO: 01

RECORDER'S MEMORANDUM

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- LEGEND:**
- PROP CCTV W/ CABINET (30' POLE)
 - PROP ELECTRICAL SERVICE
 - PROP GROUND BOX TY A WITH APRON
 - PROP GROUND BOX TY 1 WITH APRON
 - PROP CONDUIT (HDPE) (BORE)
 - RUN NUMBER
 - OE OVERHEAD ELECTRICAL
 - FO FIBER OPTIC
 - UT UNDERGROUND TELEPHONE
 - G GAS
 - W WATER



NO.	DATE	REVISION	BY

SUBMITTED FOR INTERIM REVIEW UNDER THE AUTHORITY OF:
 QUAN M. NGUYEN, P.E.
 TEXAS LICENSE NO. 111605
 IT IS NOT TO BE USED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES
 12/6/2022

iteris
 TBPE REG F-4779

FORT BEND COUNTY

EMERGENCY NETWORK INFRASTRUCTURE MONITORING SYSTEM
 MCKEEVER ROAD
 FIBER OPTIC PLANS

DESIGNED: DMN	SCALE: 1"=100'
CHECKED: PAR	DATE: 12/6/2022
APPROVED: DEH	SHEET NO: 02

QUANTITIES (THIS SHEET ONLY)			
ITEM-CODE	DESCRIPTION	UNIT	SHEET TOTAL
618 6006	CONDT (HDPE) (2") BORE	LF	1780
620 6002	ELEC CONDR (NO. 14) INSULATED	LF	1780
6007 6017	FIBER OPTIC CBL (SINGLE-MODE) (144 FIBER)	LF	1880
6186 6006	ITS GND BOX (PCAST) TY 1 (243660) W / APRN	EA	4

RUN NO.	CONDUIT STATUS	CONDUIT AND CABLE SCHEDULE						RUN LENGTH
		CONDUIT		CABLE				
		618 6006	620 6002	6007 6017				
1	I	460	1	460	1	560	1	460
2	I	160	1	160	1	160	1	160
3	I	325	1	325	1	325	1	325
4	I	385	1	385	1	385	1	385
5	I	450	1	450	1	450	1	450
TOTAL		1780		1780		1880		

STATUS: E = EXISTING; I = INSTALL

NOTE:

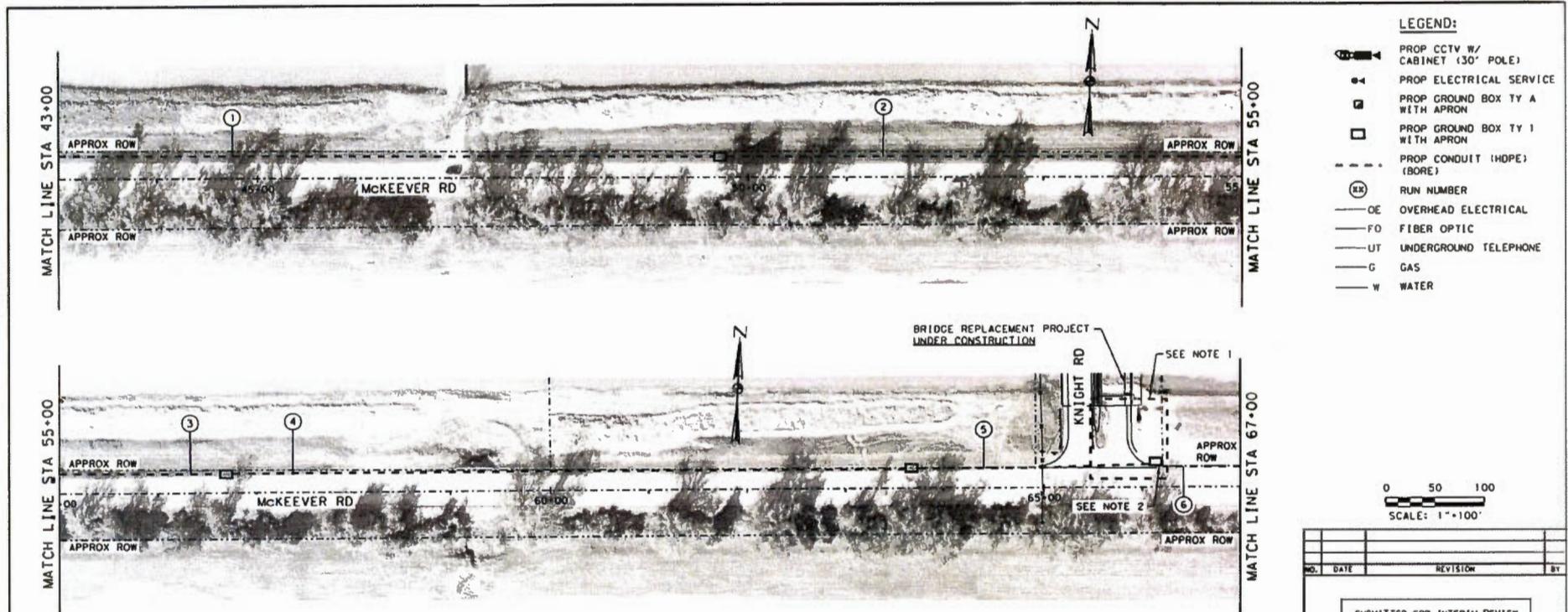
- SEE SHEET "FLOOD MONITOR CCTV LAYOUT MCKEEVER ROAD AT SIENNA PARKWAY" FOR THE INSTALLATION OF ELECTRICAL SERVICE, GROUND BOXES, CONDUIT, CCTV, POLE AND CABINET DETAILS.
- COIL 100' OF 144 FIBER OPTIC CABLE IN GROUND BOX.

UTILITY NOTES:

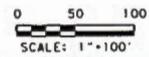
- THE CONTRACTOR SHALL LOCATE ALL UTILITIES PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL CONTACT PUBLIC AND PRIVATE UTILITIES FOR LOCATION OF UNDERGROUND FACILITIES AT LEAST 48 HOURS PRIOR TO ANY DRILLING, BORING, TRENCHING, OR EXCAVATING.
- THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY DAMAGE CAUSED BY THE CONTRACTOR'S FAILURE TO LOCATE AND PRESERVE THESE UTILITIES, WHETHER UNDERGROUND, ABOVE GROUND OR OVERHEAD.

RECORDER'S MEMORANDUM

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- LEGEND:**
- PROP CCTV W/ CABINET (30' POLE)
 - PROP ELECTRICAL SERVICE
 - PROP GROUND BOX TY A WITH APRON
 - PROP GROUND BOX TY I WITH APRON
 - PROP CONDUIT (HDPE) (BORE)
 - RUN NUMBER
 - OE OVERHEAD ELECTRICAL
 - FO FIBER OPTIC
 - UT UNDERGROUND TELEPHONE
 - G GAS
 - W WATER



QUANTITIES (THIS SHEET ONLY)			
ITEM-CODE	DESCRIPTION	UNIT	SHEET TOTAL
618 6006	CONDT (HDPE) (2") BORE	LF	2415
620 6002	ELEC CONDR (NO.14) INSULATED	LF	2415
6007 6017	FIBER OPTIC CBL (SNGLE-MODE) (144 FIBER)	LF	2515
6186 6006	ITS GND BOX (PCAST) TY I (243660) W / APRN	EA	4

RUN NO.	CONDUIT STATUS	CONDUIT AND CABLE SCHEDULE						RUN LENGTH
		CONDUIT		CABLE				
		618 6006	620 6002	6007 6017				
1	I	675	I	675	I	675	I	675
2	I	530	I	530	I	530	I	530
3	I	170	I	170	I	170	I	170
4	I	700	I	700	I	700	I	700
5	I	250	I	250	I	250	I	250
6	I	90	I	90	I	190	I	90
TOTAL		2415		2415		2515		

STATUS: E = EXISTING; I = INSTALL

- NOTE:**
- SEE SHEET "FLOOD MONITOR CCTV LAYOUT MCKEEVER ROAD AT KNIGHT ROAD" FOR THE INSTALLATION OF ELECTRICAL SERVICE, GROUND BOXES, CONDUIT, CCTV, POLE AND CABINET DETAILS.
 - COIL 100' OF 144 FIBER OPTIC CABLE IN GROUND BOX.

- UTILITY NOTES:**
- THE CONTRACTOR SHALL LOCATE ALL UTILITIES PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL CONTACT PUBLIC AND PRIVATE UTILITIES FOR LOCATION OF UNDERGROUND FACILITIES AT LEAST 48 HOURS PRIOR TO ANY DRILLING, BORING, TRENCHING, OR EXCAVATING.
 - THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY DAMAGE CAUSED BY THE CONTRACTOR'S FAILURE TO LOCATE AND PRESERVE THESE UTILITIES, WHETHER UNDERGROUND, ABOVE GROUND, OR OVERHEAD.

NO.	DATE	REVISION	BY

SUBMITTED FOR INTERIM REVIEW UNDER THE AUTHORITY OF:
 QUAM M. NGUYEN, P.E.
 TEXAS LICENSE NO. 111605
 IT IS NOT TO BE USED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES
 12/6/2022

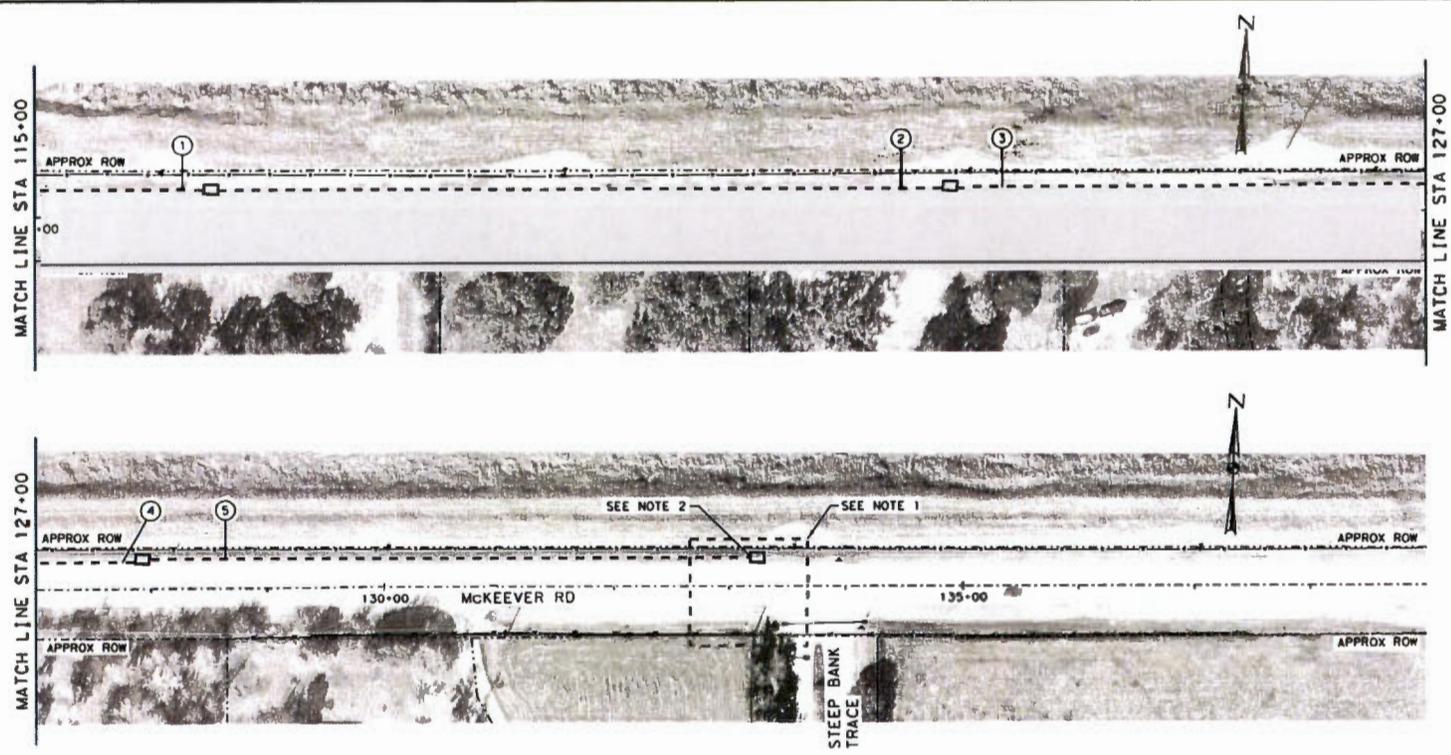
iteris
 TBPE REG F-4779

FORT BEND COUNTY
 EMERGENCY NETWORK INFRASTRUCTURE MONITORING SYSTEM
 MCKEEVER ROAD
 FIBER OPTIC PLANS

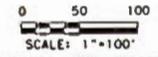
DESIGNED: DMN	SCALE: 1"=100'
CHECKED: PAR	DATE: 12/6/2022
APPROVED: DEH	SHEET NO: 03

RECORDER'S MEMORANDUM

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- LEGEND:**
- PROP CCTV W/ CABINET (30' POLE)
 - PROP ELECTRICAL SERVICE
 - PROP GROUND BOX TY A WITH APRON
 - PROP GROUND BOX TY 1 WITH APRON
 - PROP CONDUIT (HDPE) (BORE)
 - RUN NUMBER
 - OE OVERHEAD ELECTRICAL
 - FO FIBER OPTIC
 - UT UNDERGROUND TELEPHONE
 - G GAS
 - W WATER



NO.	DATE	REVISION	BY

SUBMITTED FOR INTERIM REVIEW UNDER THE AUTHORITY OF:
 QUAN M. NGUYEN, P.E.
 TEXAS LICENSE NO. 111605
 IT IS NOT TO BE USED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES
 12/6/2022

iteris

TXPE REG F-4779

FORT BEND COUNTY

EMERGENCY NETWORK INFRASTRUCTURE MONITORING SYSTEM
 MCKEEVER ROAD
 FIBER OPTIC PLANS

ITEM-CODE	DESCRIPTION	UNIT	SHEET TOTAL
618 6006	COND (HDPE) (2" BORE)	LF	1835
620 6002	ELEC CONDR (NO. 14) INSULATED	LF	1835
6007 6017	FIBER OPTIC CBL (SNGLE-MODE) (144 FIBER)	LF	1935
6186 6006	TTS GND BOX (PCAST) TY 1 (243660) W / APRN	EA	4

RUN NO.	CONDUIT STATUS	CONDUIT		CABLE		RUN LENGTH
		618 6006	620 6002	6007 6017		
1	I	155	I	155	I	155
2	I	640	I	640	I	640
3	I	415	I	415	I	415
4	I	90	I	90	I	90
5	I	535	I	535	I	535
TOTAL		1835		1835		1935

STATUS: E = EXISTING; I = INSTALL

NOTE:

- SEE SHEET "FLOOD MONITOR CCTV LAYOUT MCKEEVER ROAD AT STEEP BANK TRACE" FOR THE INSTALLATION OF ELECTRICAL SERVICE, GROUND BOXES, CONDUIT, CCTV, POLE AND CABINET DETAILS.
- COIL 100' OF 144 FIBER OPTIC CABLE IN GROUND BOX.

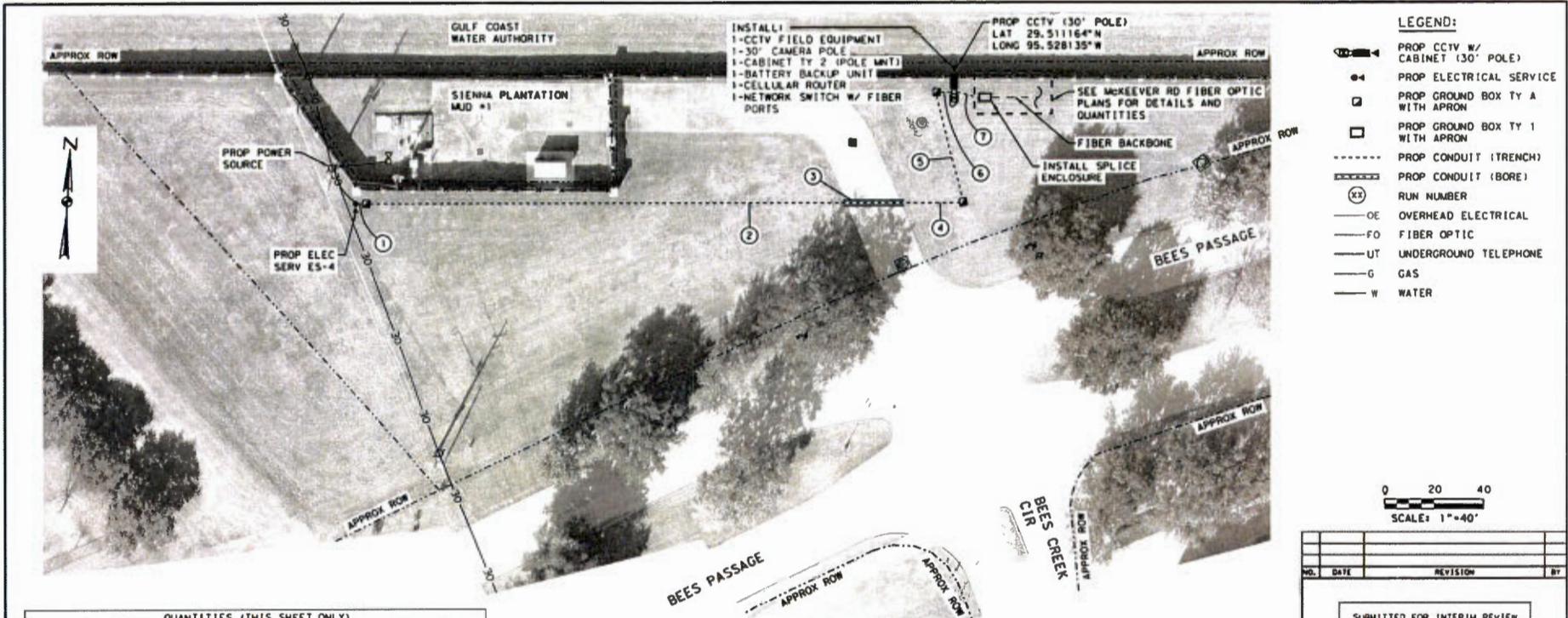
UTILITY NOTES:

- THE CONTRACTOR SHALL LOCATE ALL UTILITIES PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL CONTACT PUBLIC AND PRIVATE UTILITIES FOR LOCATION OF UNDERGROUND FACILITIES AT LEAST 48 HOURS PRIOR TO ANY DRILLING, BORING, TRENCHING, OR EXCAVATING.
- THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY DAMAGE CAUSED BY THE CONTRACTOR'S FAILURE TO LOCATE AND PRESERVE THESE UTILITIES, WHETHER UNDERGROUND, ABOVE GROUND, OR OVERHEAD.

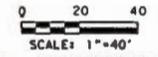
DESIGNED: DMN	SCALE: 1"=100'
CHECKED: PAR	DATE: 12/6/2022
APPROVED: DEK	SHEET NO: 04

RECORDER'S MEMORANDUM

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- LEGEND:**
- PROP CCTV W/ CABINET (30' POLE)
 - PROP ELECTRICAL SERVICE
 - PROP GROUND BOX TY A WITH APRON
 - PROP GROUND BOX TY 1 WITH APRON
 - PROP CONDUIT (TRENCH)
 - PROP CONDUIT (BORE)
 - RUN NUMBER
 - OE OVERHEAD ELECTRICAL
 - FO FIBER OPTIC
 - UT UNDERGROUND TELEPHONE
 - G GAS
 - W WATER



QUANTITIES (THIS SHEET ONLY)			
ITEM-CODE	DESCRIPTION	UNIT	SHEET TOTAL
416 6004	DRILL SHAFT (36 IN)	LF	18
618 6023	CONDIT (PVC) (SCH 40) (2")	LF	295
618 6047	CONDIT (PVC) (SCH 80) (2") (BORE)	LF	25
620 6002	ELEC CONDR (NO. 14) INSULATED	LF	15
620 6007	ELEC CONDR (NO. 8) BARE	LF	305
620 6008	ELEC CONDR (NO. 8) INSULATED	LF	610
624 6002	GROUND BOX TY A (122311) W/APRON	EA	2
628 6152	ELC SRV TY D 120/240 060INS1SS(N)SP10	EA	1
6007 6010	FIBER OPTIC CBL (SINGLE-MODE) (6 FIBER)	LF	40
6010 6011	CCTV FIELD EQUIP (DIGITAL) (INSTL ONLY)	EA	1
6064 6011	ITS POLE (30 FT) (110 MPH)	EA	1
6064 6085	ITS POLE MNT CAB (TY 2) (CONF 2) (INS)	EA	1
6094 6011	SPLICE ENCLOSURE	EA	1
	BATTERY BACKUP UNIT	EA	1
	CELLULAR ROUTER	EA	1
	NETWORK SWITCH W/ FIBER PORTS	EA	1

UTILITY NOTES:

1. THE CONTRACTOR SHALL LOCATE ALL UTILITIES PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL CONTACT PUBLIC AND PRIVATE UTILITIES FOR LOCATION OF UNDERGROUND FACILITIES AT LEAST 48 HOURS PRIOR TO ANY DRILLING, BORING, TRENCHING, OR EXCAVATING.
2. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY DAMAGE CAUSED BY THE CONTRACTOR'S FAILURE TO LOCATE AND PRESERVE THESE UTILITIES, WHETHER UNDERGROUND, ABOVE GROUND, OR OVERHEAD.

RUN NO.	CONDUIT AND CABLE SCHEDULE										RUN LENGTH	
	CONDUIT					CABLE						
	CONDUIT STATUS	618 6023	618 6047	620 6002	620 6007	620 6008	6007 6010					
1	I	5	1	0	1	0	5	1	10	2	0	5
2	I	195	1	0	1	0	195	1	390	2	0	195
3	I	0	25	1	1	0	25	1	50	2	0	25
4	I	25	1	0	1	0	25	1	50	2	0	25
5	I	45	1	0	1	0	45	1	90	2	0	45
6	I	10	1	0	1	0	10	1	20	2	0	10
7	I	15	1	0	1	15	1	0	0	40	1	15
TOTAL		295	25		15	15	305	610		40		

STATUS: E = EXISTING; I = INSTALL

NO.	DATE	REVISION	BY

SUBMITTED FOR INTERIM REVIEW UNDER THE AUTHORITY OF:
 QUAM W. NGUYEN, P.E.
 TEXAS LICENSE NO. 111605
 IT IS NOT TO BE USED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES
 12/6/2022

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TXPE REG F-4719



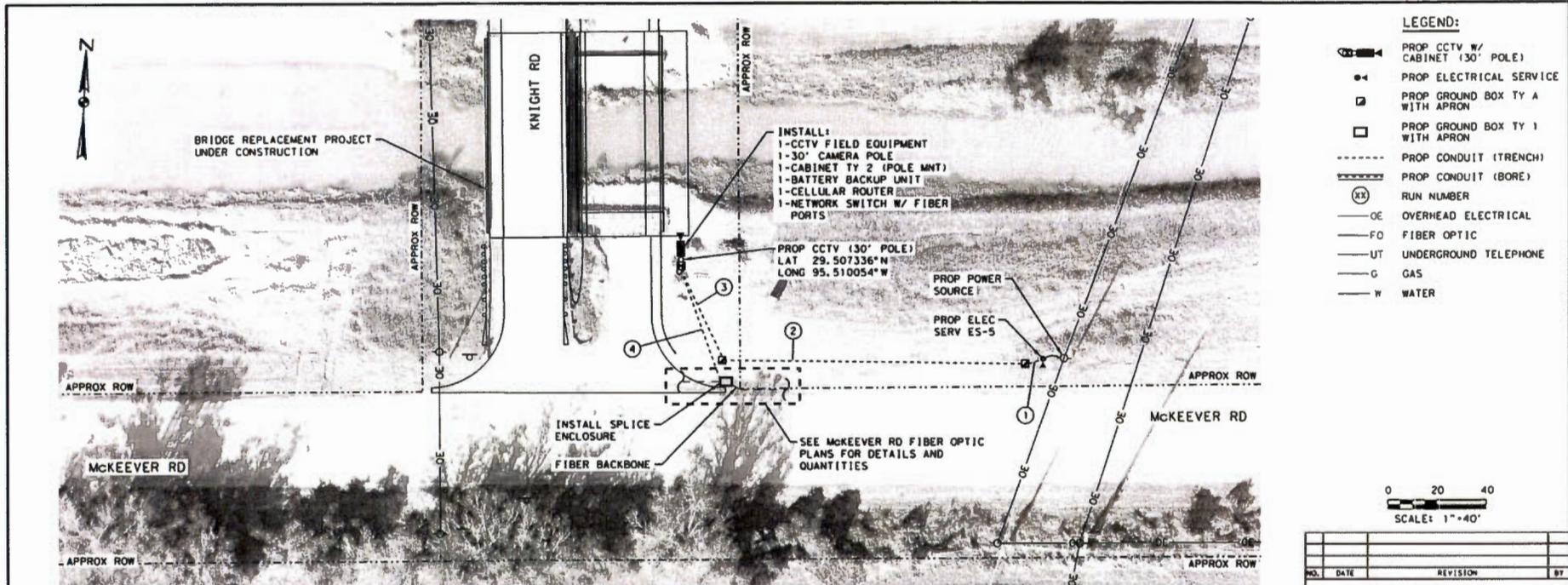
FORT BEND COUNTY

EMERGENCY NETWORK INFRASTRUCTURE MONITORING SYSTEM
 CCTV SITE LAYOUT
 MCKEEVER ROAD AT
 SIENNA PARKWAY

DESIGNED: OMN	SCALE: 1"=40'
CHECKED: PAR	DATE: 12/6/2022
APPROVED: DEH	SHEET NO: 05

RECORDER'S MEMORANDUM

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- LEGEND:**
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 - PROP ELECTRICAL SERVICE
 - PROP GROUND BOX TY A WITH APRON
 - PROP GROUND BOX TY 1 WITH APRON
 - PROP CONDUIT (TRENCH)
 - PROP CONDUIT (BORE)
 - RUN NUMBER
 - OE OVERHEAD ELECTRICAL
 - FO FIBER OPTIC
 - UT UNDERGROUND TELEPHONE
 - G GAS
 - W WATER

0 20 40
SCALE: 1"=40'

QUANTITIES (THIS SHEET ONLY)			
ITEM-CODE	DESCRIPTION	UNIT	SHEET TOTAL
416 6004	DRILL SHAFT (36 IN)	LF	18
618 6023	CONDT (PVC) (SCH 40) (2")	LF	235
620 6002	ELEC CONDR (NO. 14) INSULATED	LF	55
620 6007	ELEC CONDR (NO. 8) BARE	LF	180
620 6008	ELEC CONDR (NO. 8) INSULATED	LF	360
624 6002	GROUND BOX TY A (122311)W/APRON	EA	2
628 6152	ELC SRV TY D 120/240 060(INS)55(N)SP(O)	EA	1
6007 6010	FIBER OPTIC CBL (SNGLE-MODE) (6 FIBER)	LF	80
6010 6011	CCTV FIELD EQUIP (DIGITAL) (INSTL ONLY)	EA	1
6064 6011	ITS POLE (30 FT) (110 MPH)	EA	1
6064 6085	ITS POLE MNT CAB (TY 2) (CONF 2) (INS)	EA	1
6094 6011	SPLICE ENCLOSURE	EA	1
	BATTERY BACKUP UNIT	EA	1
	CELLULAR ROUTER	EA	1
	NETWORK SWITCH W/ FIBER PORTS	EA	1

CONDUIT AND CABLE SCHEDULE												
RUN NO.	CONDUIT STATUS	CONDUIT				CABLE				RUN LENGTH		
		618 6023	620 6002	620 6007	620 6008	6007 6010						
1	1	5	1	1	0	5	1	10	2	0	5	
2	1	130	1	1	0	130	1	260	2	0	130	
3	1	45	1	1	0	45	1	90	2	0	45	
4	1	55	1	1	55	1	0	0	0	80	1	55
TOTAL		235			55	180		360		80		55

STATUS: E = EXISTING; I = INSTALL

UTILITY NOTES:

- THE CONTRACTOR SHALL LOCATE ALL UTILITIES PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL CONTACT PUBLIC AND PRIVATE UTILITIES FOR LOCATION OF UNDERGROUND FACILITIES AT LEAST 48 HOURS PRIOR TO ANY DRILLING, BORING, TRENCHING, OR EXCAVATING.
- THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY DAMAGE CAUSED BY THE CONTRACTOR'S FAILURE TO LOCATE AND PRESERVE THESE UTILITIES, WHETHER UNDERGROUND, ABOVE GROUND, OR OVERHEAD.

NO.	DATE	REVISION	BY

SUBMITTED FOR INTERIM REVIEW UNDER THE AUTHORITY OF:
 QUAN M. NGUYEN, P.E.
 TEXAS LICENSE NO. 111605
 IT IS NOT TO BE USED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES
 12/6/2022

iteris

TBPE REG F-4779



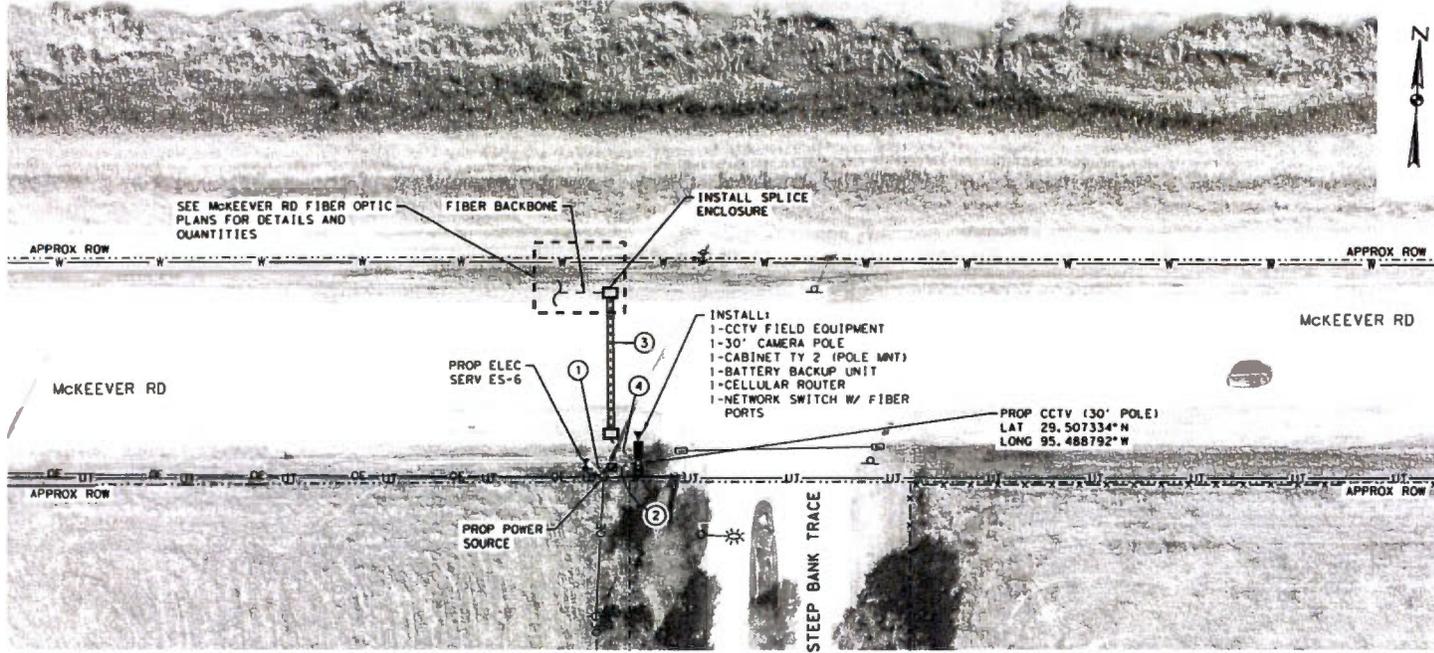
FORT BEND COUNTY

EMERGENCY NETWORK INFRASTRUCTURE MONITORING SYSTEM
 CCTV SITE LAYOUT
 MCKEEVER ROAD AT
 KNIGHT ROAD

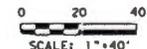
DESIGNED: OAN	SCALE: 1"=40'
CHECKED: PAR	DATE: 12/6/2022
APPROVED: DEW	SHEET NO: 06

RECORDER'S MEMORANDUM

This page is not satisfactory for photographic recordation due to carbon or photo copy, discolored paper, etc. All block-outs, additions and changes were presented at time instrument was filed and recorded.



- LEGEND:**
- PROP CCTV W/ CABINET (30' POLE)
 - PROP ELECTRICAL SERVICE
 - PROP GROUND BOX TY A WITH APRON
 - PROP GROUND BOX TY 1 WITH APRON
 - PROP CONDUIT (TRENCH)
 - PROP CONDUIT (BORE)
 - RUN NUMBER
 - OE OVERHEAD ELECTRICAL
 - FO FIBER OPTIC
 - UT UNDERGROUND TELEPHONE
 - G GAS
 - W WATER



QUANTITIES (THIS SHEET ONLY)

ITEM-CODE	DESCRIPTION	UNIT	SHEET TOTAL
416 6004	DRILL SHAFT (36 IN)	LF	18
618 6023	CONDT (PVC) (SCH 40) (2")	LF	35
618 6047	CONDT (PVC) (SCH 80) (2") (BORE)	LF	50
620 6002	ELEC CONDR (NO. 14) INSULATED	LF	65
620 6007	ELEC CONDR (NO. 8) BARE	LF	20
620 6008	ELEC CONDR (NO. 8) INSULATED	LF	40
624 6002	GROUND BOX TY A (122311)W/APRON	EA	1
628 6152	ELC SRV TY D 120/240 060 (N5155 (N) SP (O)	EA	1
6007 6010	FIBER OPTIC CBL (SNGLE-MODE) (6 FIBER)	LF	90
6010 6011	CCTV FIELD EQUIP (DIGITAL) (INSTL ONLY)	EA	1
6064 6011	ITS POLE (30 FT) (110 MPH)	EA	1
6064 6085	ITS POLE MNT CAB (TY 2) (CONF 2) (INS)	EA	1
6094 6011	SPLICE ENCLOSURE	EA	1
6186 6006	ITS GND BOX (PCAST) TY 1 (243660) W / APRN	EA	1
	BATTERY BACKUP UNIT	EA	1
	CELLULAR ROUTER	EA	1
	NETWORK SWITCH W/ FIBER PORTS	EA	1

CONDUIT AND CABLE SCHEDULE

RUN NO.	CONDUIT STATUS	CONDUIT		CABLE						RUN LENGTH		
		618 6023	618 6047	620 6002	620 6007	620 6008	6007 6010					
1	I	10	1	0	0	10	1	20	2	0	10	
2	I	10	1	0	0	10	1	20	2	0	10	
3	I	0	50	1	50	1	0	0	0	65	1	50
4	I	15	1	0	1	15	1	0	0	25	1	15
TOTAL		35	50	65	20	40	20	40	90			

STATUS: E = EXISTING; I = INSTALL

NO.	DATE	REVISION	BY

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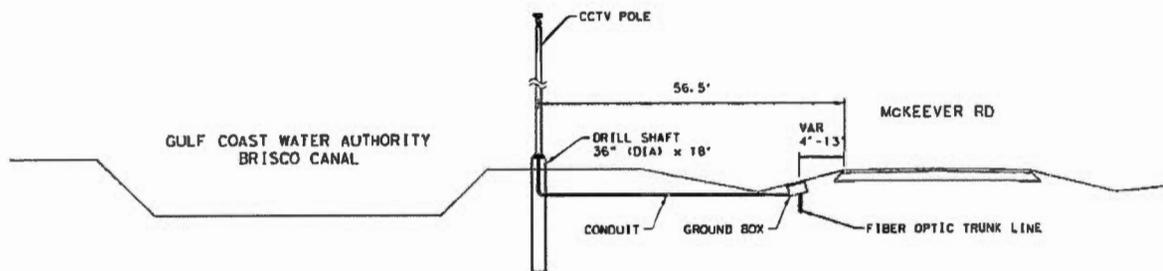
TBPE REG F-4779

FORT BEND COUNTY

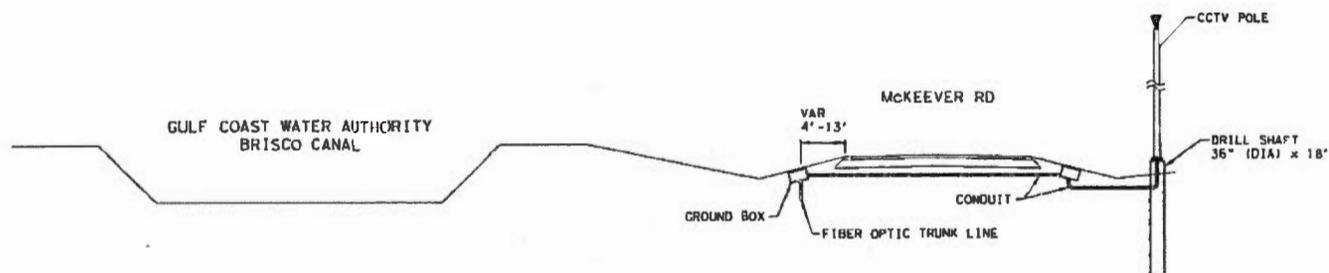
EMERGENCY NETWORK INFRASTRUCTURE MONITORING SYSTEM
 CCTV SITE LAYOUT
 MCKEEVER ROAD AT
 STEEP BANK TRACE

DESIGNED: DMN SCALE: 1"=40'
 CHECKED: PAH DATE: 12/6/2022
 APPROVED: DEH SHEET NO: 07

- UTILITY NOTES:**
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CCTV CROSS SECTION
 McKEEVER RD AT KNIGHT RD
 LOOKING EAST (SCALE 1' : 20")



CCTV CROSS SECTION
 McKEEVER RD AT STEEP BANK TRACE
 LOOKING EAST (SCALE 1' : 20")

NO.	DATE	REVISION	BY

SUBMITTED FOR INTERIM REVIEW
 UNDER THE AUTHORITY OF:
 JUAN M. HOLYEN, P.E.
 TEXAS LICENSE NO. 111605
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 12/6/2022

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TBPE REG F-4779



FORT BEND COUNTY

EMERGENCY NETWORK INFRASTRUCTURE
 MONITORING SYSTEM

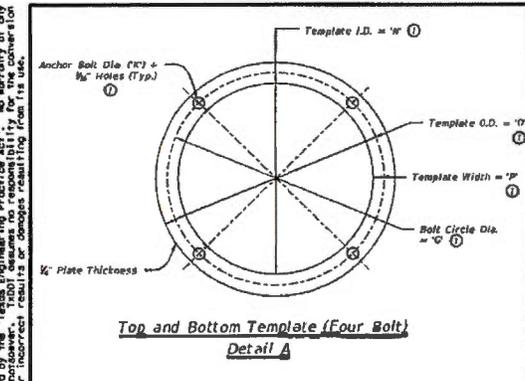
GULF COAST WATER AUTHORITY
 McKEEVER ROAD
 CROSS SECTIONS

DESIGNED: DMH	SCALE:
CHECKED: PAR	DATE: 12/6/2022
APPROVED: DEH	SHEET NO: 08

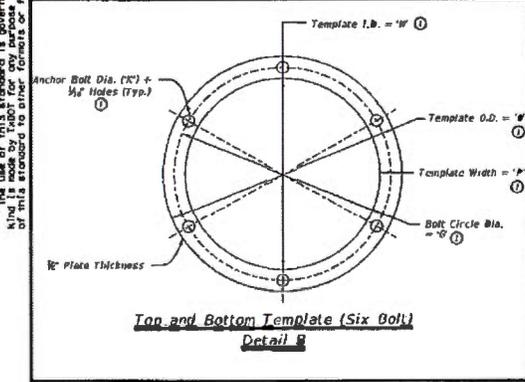
Exhibit B

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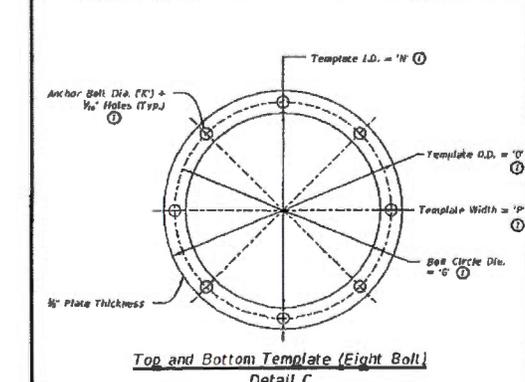
DISCLAIMER: The use of this standard is governed by the "Texas Engineering Practice Act". No warranty of any kind is made by TxDOT for any purpose whatsoever. TxDOT assumes no responsibility for the conversion of this standard to a digital format. The user assumes all liability for any damage resulting from its use.



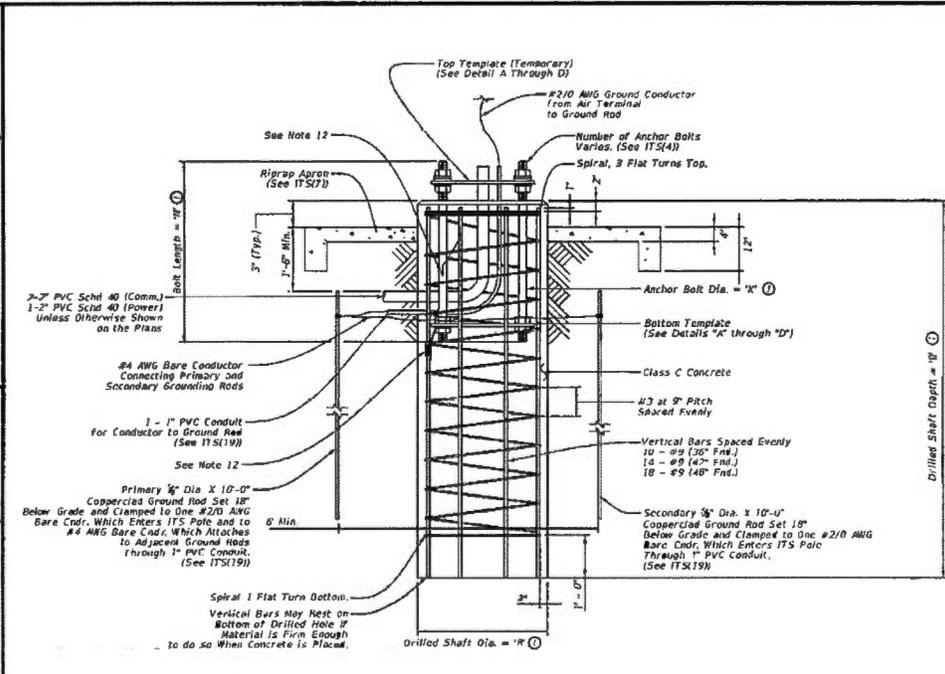
Top and Bottom Template (Four Bolt)
Detail A



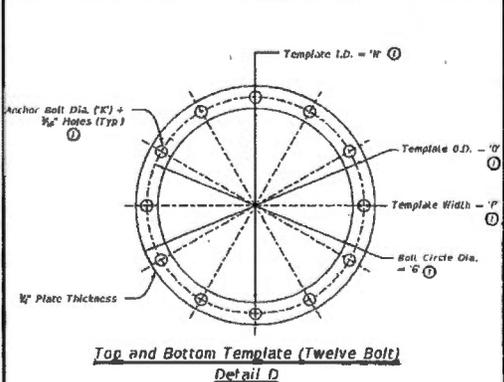
Top and Bottom Template (Six Bolt)
Detail B



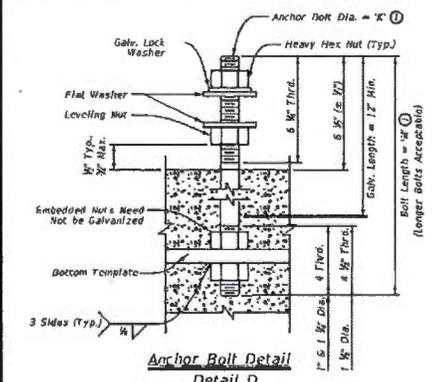
Top and Bottom Template (Eight Bolt)
Detail C



Foundation Details (Typical)
Elevation
Not to Scale



Top and Bottom Template (Twelve Bolt)
Detail D



Anchor Bolt Detail
Detail D

- General Notes:**
- Drilled shaft concrete shall be Class "C" (FC = 3,600 PSI) in accordance with Item 416, "Drilled Shaft Foundations."
 - Reinforcing bars shall be Grade 60 (Fy = 60 KSI) and conform to ASTM A-615. All reinforcing shall conform to Item 440, "Reinforcing Steel."
 - Provide ASTM A-36 steel for templates. Top and bottom templates need not be galvanized.
 - Anchor bolts shall be rigidly held in position during concrete placement using steel templates at the top and bottom. Top templates shall remain in place until the concrete has cured in place beyond initial set time.
 - Lubricate and tighten anchor bolts, when erecting pole, in accordance with Item 449, "Anchor Bolts."
 - Anchor bolts shall conform to ASTM F1554 Grade 55, or ASTM A193 B7 with ASTM A194 Grade 2H or ASB3 heavy hex nuts with F438 washers. Galvanize a minimum of the top and bottom length plus 6 inches for all anchor bolts unless otherwise noted. Exposed washers and exposed nuts shall be galvanized. All galvanizing shall be in accordance with Item 445, "Galvanizing."
 - All vertical reinforcement shall be carried to the bottom of the drilled shaft.
 - Place three flat turns of the spiral bar at the top and one flat turn at the bottom of the drilled shaft.
 - Drilled shaft shall be measured by the linear foot and paid under Item 416, "Drilled Shaft Foundations."
 - If rock is encountered, the drilled shaft to extend a minimum of two diameters into solid rock.
 - Location for conduit entering foundation may vary. Orient conduit entering foundation to coincide with location of ground boxes and primary ground rod.
 - Bond anchor bolts to rebar with #2/0 AWG jumper and two mechanical connectors or by bending No. 3 bar on bottom template as shown and wire tightly with ten turns of No. 10 wire or one mechanical connector. Mechanical connectors shall be UL listed for concrete encasement.

- Reference Notes:**
- See tables on Sheet ITS(4) for values of dimension variables.

Texas Department of Transportation
Traffic Operations Division Standard

ITS POLE FOUNDATION DETAILS

ITS(3) - 16

FILED	15(12)-16.dgn	REV	15001	CH	15001	DATE	15/001
DATE	15/001	DATE	15/001	DATE	15/001	DATE	15/001
DATE	15/001	DATE	15/001	DATE	15/001	DATE	15/001

DATE FILED

FILED AND RECORDED
OFFICIAL PUBLIC RECORDS

Laura Richard

Laura Richard, County Clerk

Fort Bend County Texas

June 07, 2023 03:38:57 PM



FEE: \$0.00

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