

REVIEW BY FORT BEND COUNTY COMMISSIONERS COURT

Fort Bend County

Engineering Department 301 Jackson Suite 401 Richmond, Texas 77469 281.633.7500 Permits@fortbendcountytx.gov

W. C. D. C.		of Way Permit ercial Drivewa 1017-14146		
Applicant: McDonald M	unicipal & Industrial,	a division of	C.F. McDonald	Electric, Inc.
Job Location Site: 4050	E. Hwy 90A, Sugar La	and, TX 77479		
Bond N	Date of Bond:	5/31/2017	_Amount:	\$5,000.00
Laying, Construction, Main Roads, Streets, Highways, a Commissioners Court of Fo	tenance, and Repair of and Drainage Ditches in rt Bend County, Texas, e Commissioners Court	Buried Cables Fort Bend Co " as passed by of Fort Bend	, Conduits, and unty, Texas, Un the Commissio County, Texas,	bject to, "The Order Regulating the Pole Lines, In, Under, Across or Along der the Jurisdiction of the ners Court of Fort Bend County, to the extent that such order is not
grounds for job shut 2. Written notices are and a 48 hou b. When a Admini	down. required: irs in advance of constr	uction start up ted and ready imentOnline.c	o, and for final inspect org portal.	site and failure to do so constitutes tion, submit notification to Permit ot commenced.
On this 11th day of July, 20 Commissioner Morea notice of said above purpor that said notice be placed of	<u>les</u> , duly se is hereby acknowled	put and carrie ged by the Co	ed, it is ORDERE mmissioners Co	, seconded by D, ADJUDGED AND DECREED that said burt of Fort Bend County, Texas, and
Signature		Prese	ented to Commi	ssioners Court and approved.
By: Church O. A. County Engineer		Date	Recorded <u>7-२५</u>	20) Comm. Court No. 19c
N/A By:		Clerk By:	of Commission	ers Court W. Llis
Drainage District Eng	ineer/Manager	<i>-</i>	Deputy	



PERMIT APPLICATION REVIEW FORM FOR CABLE, CONDUIT, AND POLE LINE ACTIVITY IN FORT BEND COUNTY

Fort Bend County

Engineering Department 301 Jackson Suite 401 Richmond, Texas 77469 281.633.7500 Permits@fortbendcountytx.gov

X Rig	iht of Way Permit	r ennis@iortoendeodinyt	x.gov
	, mmercial Driveway Pe	ermit	
	o: 2017-14146		
	2017 11110		
The following "Notice of Proposed Cable, Condattachments have been reviewed and the notion of Fort Bend County, Texas.	duit, and/or Pole Line a ice conforms to approp	ctivity in Fort Bend County" and accompaninate regulations set by Commissioner's Co	ying urt
(1) COMPLETE APPLICATION FORM:			
X a. Name of road, street, and/o	r drainage ditch affect	ed.	
X b. Vicinity map showing course	-		
X c. Plans and specifications			
(2) BOND:			
County Attorney, approval whe	en		
Perpetual bond currently posted.	Bond No:	Amount:	
X Performance bond submitted.	Bond	Amount: \$5,000.00	
Cashier's Check	Check No:	Amount:	
(3) DRAINAGE DISTRICT APPROVAL (WHE	EN APPLICABLE):		
Drainage District Approval	_	Date	
We have reviewed this project and agree it r	neets minimum requi	rements.	
Charly O. Af		6/30/17	
Permit Administrator		Date	





4 PGS BOND 2017079227

PERFORMANCE BOND COVERING ALL CABLE, CONDUIT AND/OR POLE LINE ACTIVITY IN. UNDER, ACROSS OR ALONG FORT BEND COUNTY ROAD, COMMERCIAL DRIVEWAY AND MEDIAN OPENINGS OR MODIFICATIONS (AUTHORIZED)

BOND NO THE STATE OF TEXAS KNOW ALL MEN BY THESE PRESENTS: COUNTY OF FORT BEND 8 THAT WE McDonald Municipal & Industrial, a Division of C.F. McDonald Electric, Inc. whose (713)921-1368 5044 Timber Creek, Houston, Texas 77017 , hereinafter called the Principal, and Merchants Bonding Company (Mutual) , a Corporation existing under and by virtue of the laws of the state of Iowa and authorized to do an indemnifying business in the state of Texas, and whose principal office is located at 6700 Westown Parkway, West Des Moines, IA 50266">1000 Mestown Parkway, West Des Moines, IA 50266, whose officer residing in the State of Texas, authorized to accept service in all suits and actions brought within said state is and whose address is 9500 Arboretum Boulevard, Suite 100, Austin, TX 78,759 Keenan Lehmann hereinafter called the Surety, and held and firmly bound unto, Robert E. Hebert, County Judge of Fort Bend County, Texas, Dollars (\$5,000.00 or his successors in office, in the full sum of Five Thousand current, lawful money of the United States of America, to be paid to said Robert E. Hebert, County Judge of Fort Bend County, Texas, or his successors in office, to which payment well and truly to be made and done, we, the undersigned, bind ourselves and each of us, our heirs, executors, administrators, successors, assigns, and legal representatives, jointly and severally, by these presents. THE CONDITION OF THIS BOND IS SUCH THAT, WHEREAS, the above bounden principal contemplates laying, constructing, maintaining and/or repairing one or more cables, conduits, and/or pole lines in, under, across and/or along roads, streets and highways, commercial driveway and median openings or modifications in the County of Fort Bend, and the State of Texas, under the jurisdiction of the Commissioners' Court of Fort Bend County, Texas, pursuant to the Commissioners' Court order adopted on the 1st of December, A.D. 1980, recorded in Volume 13, of the Commissioners' Court Minutes of Fort Bend County, Texas, regulating same, which Commissioners' Court order is hereby referred to and made a part hereof for all purposes as though fully set out herein; AND WHEREAS, the principal desires to provide Fort Bend County with a performance bond covering all such cable, conduit and/or pole line activity, commercial driveway and median openings or modifications; NOW, THEREFORE, if the above bounden principal shall faithfully perform all its cable, conduit and/or pole line activity (including, but not limited to the laying, construction, maintenance and/or repair of cables, conduits and/or pole lines) in, under, across and/or along roads, streets and highways, commercial driveway and median openings or modifications in the County of Fort Bend and State of Texas, under the jurisdiction of the Commissioners Court of Fort Bend County, Texas, pursuant to and in accordance with minimum requirements and conditions of the above mentioned Commissioners' Court order set forth and specified to be by said principal done and performed, at the time and in the manner therein specified, and shall pay over and make good and reimburse Fort Bend County, all loss and damages which Fort Bend County may sustain by reason of any failure or default on the part of said principal, then this obligation shall be null and void, otherwise to remain in full force and effect. This bond is payable at the County Courthouse in the County of Fort Bend and State of Texas. It is understood that at any time Fort Bend County deems itself insecure under this bond, it may require further and/or additional bonds of the principal. 20 17 EXECUTED this 31st day of May McDonald Municipal & Industrial, a Division of C.F. McDonald Electric, Inc. PRINCIPAL BY Wayne Berkenmeier, Vice President Special Projects Merchants Bonding Company (Mutual) SURETY

BY Gary F Banks Attorney-in-Fact

CCM 7-11-17

Fort Bend County Clerk
Return Admin Serv Coord RAC



Know All Persons By These Presents, that MERCHANTS BONDING COMPANY (MUTUAL) and MERCHANTS NATIONAL BONDING, INC., both being corporations of the State of Iowa (herein collectively called the "Companies") do hereby make, constitute and appoint, individually,

Gary F Banks

their true and lawful Attorney(s)-in-Fact, to sign its name as surety(ies) and to execute, seal and acknowledge any and all bonds, undertakings, contracts and other written instruments in the nature thereof, on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

This Power-of-Attorney is granted and is signed and sealed by facsimile under and by authority of the following By-Laws adopted by the Board of Directors of Merchants Bonding Company (Mutual) on April 23, 2011 and amended August 14, 2015 and adopted by the Board of Directors of Merchants National Bonding, Inc., on October 16, 2015.

"The President, Secretary, Treasurer, or any Assistant Treasurer or any Assistant Secretary or any Vice President shall have power and authority to appoint Attorneys-in-Fact, and to authorize them to execute on behalf of the Company, and attach the seal of the Company thereto, bonds and undertakings, recognizances, contracts of indemnity and other writings obligatory in the nature thereof."

"The signature of any authorized officer and the seal of the Company may be affixed by facsimile or electronic transmission to any Power of Attorney or Certification thereof authorizing the execution and delivery of any bond, undertaking, recognizance, or other suretyship obligations of the Company, and such signature and seal when so used shall have the same force and effect as though manually fixed."

In connection with obligations in favor of the Florida Department of Transportation only, it is agreed that the power and aut hority hereby given to the Attorney-in-Fact includes any and all consents for the release of retained percentages and/or final estimates on engineering and construction contracts required by the State of Florida Department of Transportation. It is fully understood that consenting to the State of Florida Department of Transportation making payment of the final estimate to the Contractor and/or its assignee, shall not relieve this surety company of any of its obligations under its bond.

In connection with obligations in favor of the Kentucky Department of Highways only, it is agreed that the power and authority hereby given to the Attorney-in-Fact cannot be modified or revoked unless prior written personal notice of such intent has been given to the Commissioner-Department of Highways of the Commonwealth of Kentucky at least thirty (30) days prior to the modification or revocation.

In Witness Whereof, the Companies have caused this instrument to be signed and sealed this 31st day of

May

, 2017 .

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MERCHANTS BONDING COMPANY (MUTUAL)
MERCHANTS NATIONAL BONDING, INC.

President

STATE OF IOWA COUNTY OF DALLAS ss.

On this this 31st day of May , 2017 , before me appeared Larry Taylor, to me personally known, who being by me duly sworn did say that he is President of MERCHANTS BONDING COMPANY (MUTUAL) and MERCHANTS NATIONAL BONDING, INC.; and that the seals affixed to the foregoing instrument are the Corporate Seals of the Companies; and that the said instrument was signed and sealed in behalf of the Companies by authority of their respective Boards of Directors.



ALICIA K. GRAM

Commission Number 767430 My Commission Expires April 1, 2020

Notary Public

(Expiration of notary's commission does not invalidate this instrument)

I, William Warner, Jr., Secretary of MERCHANTS BONDING COMPANY (MUTUAL) and MERCHANTS NATIONAL BONDING, INC., do hereby certify that the above and foregoing is a true and correct copy of the POWER-OF-ATTORNEY executed by said Companies, which is still in full force and effect and has not been amended or revoked.

In Witness Whereof, I have hereunto set my hand and affixed the seal of the Companies on this 31st day of

May

, 2017 .

TONAL ON THE PROPERTY OF THE P

Secretary

POA 0018 (3/17)



MERCHANTS BONDING COMPANY (MUTUAL) • MERCHANTS NATIONAL BONDING, INC. P.O. BOX 14498 • DES MOINES, IOWA 50306-3498 • (800) 678-8171 • (515) 243-3854 FAX

Please send all notices of claim on this bond to:

Merchants Bonding Company (Mutual) / Merchants National Bonding, Inc.
P.O. Box 14498
Des Moines, Iowa 50306-3498

(515) 243-8171 (800) 678-8171

Physical Address: 6700 Westown Parkway, West Des Moines, Iowa 50266



MERCHANTS BONDING COMPANY (MUTUAL) P.O. BOX 14498. DES MOINES, IOWA 50306-3498 PHONE: (800) 678-8171 FAX: (515) 243-3854

IMPORTANT NOTICE

To obtain information or make a complaint:

You may contact your insurance agent at the telephone number provided by your insurance agent.

You may call Merchants Bonding Company (Mutual) toll-free telephone number for information or to make a complaint at:

1-800-678-8171

You may contact the Texas Department of Insurance to obtain information on companies, coverages, rights or complaints at:

1-800-252-3439

You may write the Texas Department of Insurance at:

P. O. Box 149104 Austin, TX 78714-9104 Fax: (512) 490-1007 Web: www.tdi.texas.gov

E-mail: ConsumerProtection@tdi.texas.gov

PREMIUM AND CLAIM DISPUTES: Should you have a dispute concerning your premium or about a claim you should contact the agent first. If the dispute is not resolved, you may contact the Texas Department of Insurance.

ATTACH THIS NOTICE TO YOUR POLICY: This notice is for information only and does not become a part or condition of the attached document.

FILED AND RECORDED

OFFICIAL PUBLIC RECORDS

Laura Richard, County Clerk Fort Bend County, Texas

July 17, 2017 04:06:05 PM FEE: \$0.00 RMM BOND

FORT BEND COUNTY M.U.D. 112

CONSTRUCTION PLANS FOR

DEATSEZT DEAZ. WASTEWATER STATION

APPROVED
CITY OF SUGAR LAND

CHRISTOPHER L. STEUBING, P.E., CFM

10/26/18

SEPTEMBER 2015



LOCATION MAP

AND PROFIE - 15° RECLAMED WATERLINE - STA, 1400 TO 4400 MAD PROFIE - 15° RECLAMED WATERLINE - STA, 1400 TO 14400 MAD PROFIE - 15° RECLAMED WATERLINE - STA, 14400 TO 24400 MAD PROFIE - 15° RECLAMED WATERLINE - STA, 24400 TO 34400 MAD PROFIE - 15° RECLAMED WATERLINE - STA, 24400 TO 38471.03

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NEY NAP 808 H SUGARLAND, TEXAS 77478

ONE-CALL NOTIFICATION SYSTEM:
CALL BEFORE YOU DIG!!!
DIAL 811



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		DESCRIPTION
Signal Section	_	 訴

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GENERAL NOTES:

- CONTACT THE EXPLIREBING IMPROTORS WITH THE CITY'S ENGINEERING GENARIHERS AT $\{281\}$ 275–2780 FRIGH TO STAFTING WIRK TO SCHOOLE A PAGE-CONSTRUCTION MEETING.
- CONTRACTOR LIS RESPONSIBLE FOR HAVING ALL BURIED UTILITIES (DENTIFIED), PROTECTED, REPLACED, AND/AR PROPERLY REPAIRED IF IDAMACID, REPAIRS/REPLACEMENT SHALL BE AT DOMINACTOR & EXISTRE
- COMPACTOR SHALL DETAIN AND MAINTAIN ON SITE ALL APPLICABLE PERMITS AND AN APPROPED COST OF THE FLANS AND SPECIFICATIONS. MOTIFY THE CITY S ENGINEERING DEPARTMENT AS MODIES FALCE TO COMMERCEDIT OF WORK,
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- FOLLD#-OP INSPECTION. O COMPLETE RE-INSPECTION AND A NEW PUMPH LIST MAY BE RESOURD AFTER THE GOAT SEASON. PALE-THE RESIDENT INSPERSION BY THE PROJECT EVALUATION SEPTEMBERFAITIVE SWALL BE PROVIDED AT ALL CRITICAL POINTS OF CANTIBUCTION OR AS DEBUZO NECESSARY BY THE CITY OF SWARE LAND.
- IN EASY, MY CONTRECTED AS SALL ORGAN IN THE TEAS CHARLESSING DOWNHOUSE, CALLIFF ALES AND RELEASE TO BOOK OF THE CHIEF AS T
- COSMATE CONJUNCE, SHALL SEE MAINTAINED AT ALL THESE DEFINES CONSTRUCTION. AND DIALMOST METHOD BY STREETING THE OFFICE AND THE
- ANT PALUTION CONTROL DEVICE, SAC. OR SECOND PARE, DAMPED, DISTRIBUTO, OR REPORTED DATE. HE WHITEHING ANY PARE DEVICED AND THE DAMPED DATE THE CONTROL THE CONTROL
- 12. SYCOM WATER POLITITION PROTECTION SHALL BE DESIGNED, CONSTRUCTED, MAINFALRED AND SHALL BE IN 1071/L COMPLIANCE WITH THE SYCOM WATER OURLITY MANAGE OF YES OTTY OF SHOOK LAND. THE CONTRACTOR SHALL KEEP THE STAGETS, RIGHT-AP-WAY, AND KNOK AREA CLEAN OF DIRT, NUIL AND DEBRES AS REDUCED OR AS REQUIRED BY CITY STAFF. RESPONDED IT TO THE CONTRACTOR AD WILL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPONDED IN THE SOLE
- 18. THE CONTRACTOR SHOUL CONTACT THE CITY OF LOCAL MIS AS APPROPRIATE TO OPERATE EXISTING UTILITIES AND PRIOR TO MAKING TIE-DAS. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN ALL REQUIRED TRAFFIG SAFELY CONTRAC DEVICES UP TO AND INCLUDING PLACEDY OF POLICE OFFICERS, IF DEDUCD NECESSARY OF THE CITY OF SUGAR LAND. ALL BACKTILL WITHIN PURITO RICHTS-OF-MAY OR EASEMENTS SHALL BE COMMACISD TO 96% STAMBARD PROCIDE DEUSITY (IN 8 DACK LIFTS) AND TESTED FOR 42% OPTIMUM MOISTURE BY AN APPROVED LAS.
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 OF CORDS OFTE, ANY CONSTREE ANABOST OF CHAR.
- ALL FINISH GRACES ARE TO CONFIGNI TO A MEMIACAN SLUPE OF 6" PER 100 FT. POSITIVE DRAINÁGE 15 CAPTICAD NY ARROYS.
- COMPACTOR SHALL HAZINE EXISTING WITH LESS AT ALL "PRINTS OF DESIGNE" IN DESTRUCT IF ANY CONTROL OF ANY CONTROL
- ALL MARSIALS AND MORROWARDER HOT CONCRAIN BY CITY STANDARDS SMALL CONFIDENTS THE LATTER YOURSEN OF THE TEXAS MARSAL, ON IDECOM TRAFFIC CONTROL OFFICES, AND ANY REVISION OF THE TEXAS MARSAL, ON IDECOM TRAFFIC CONTROL OFFICES, ANY REVISITION OF THE TEXAS MARSAL, ON IDECOM TRAFFIC CONTROL OFFICES, ANY REVISITION OF THE TEXAS MARSAL, ON IDECOM TRAFFIC CONTROL OFFICES. CONTRACTOR STALL. PROVIDE SHEETING, SHEETING, AND SOLICING AS NECESSARY TO PROTECT WORKER AND EXISTING UTILITIES DURING ALL PHASES OF CONSTRUCTION AS PER 0.5. H. A. RECUIREMENTS.
- THE CONTRACTOR SIGLE SE RESERVASIBLE FOR SUFECUMBADING AND PROTECTING ALL MIZBURGS AND EQUIPMENT STORED ON THE JUSISTE IN A SAFE AND MIXBURN-LINE WARREN (OMFITO AND AFTER MORETIME HEATES). UNITED AND COMPLETION. TERMEL MAKER FOR MACHINE OF ALL TIPE, HANTE, INSCRIPT, MARRIETE, AND PROFIDE THE MACESTRATES SHALL OF AUTO DAMAGE TO THE MATERIAL MACESTRATES SHALL MAKE THE MACESTRATES AND ANALYSIS ANAL
- THE COMPANION SHALL FURNISH ALL INTENIALS, EQUIPMENT, MO UNDER THE EXENTION. INSTALLATION, AND COMPATION OF THE PROJECT AS SHOWN ON THE PLANS AND SHEETAL PROFESSIONS. TO COMPATINITIES OF AS SLOWL LAND STANDARDS.
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- WATER DISTRIBUTION NOTES:
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- FORT DENO COUNTY MUST BE TWYTED TO THE POST-CANSTRUCTION MELTING.
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- CHIEDATOR IS RESPONSIBLE FOR OFFAINING ALL PERMITS REQUIRED FROM PART BEHO COUNTY PRICIN TO COMMENCING ORNETHENTION OF NAT IMPROVEMENTS WITHIN COUNTY KNOW RESTOR NATS.
- ROAD WISTES, CURB KADII AND CURB ALIGNMENT SHOWN INDICATES EACK OF CURB.
- OUS LONGITUDINAL REINFORCING BAR SHALL BE USED IN THE CURBS.
- ALL WEATHER ACCESS TO ALL EXIGITING STREETS AND DRIVEWAYS SHALL BE MAINTAINED AT ALL THES.
- ALTH STATE AND WE ALL WESTERSCHOOLS AND COMPLY WITH CHRISK V TV V SECTIONS AND THE STATE STATES AND THE STATES
- ALL INTERSECTIONS UTILIZING TRAFFIC CONTROL MENSIONES SHALL PAYE A.C.A. WHEEL CHAIR CHR MEADERS ARE REQUIRED AT CURB CONFECTIONS TO MANUFAR SAIPS, WITH NO CONSTRUCTION COUNT BITBLIN ST OF TAMES.
- ALL RI-1 STOP SIGNS SHALL BE 30"X20" WITH BIANDHO GRADE SHERTING. STREET HANG SIGNS SHALL BE UPPGY AND LOWER CASE LETTERS WITH DIANDHO GRADE SHERTING. A BLUE DOUBLE RECUESTIBIZED BUTTOM SIMIL BE PLANED AT ALL FIRE MIDBOAT LOCATIONS THE BUTTOM SIMIL BE PLANED IZ BIOHES GET OF THE CENTRULME OF TAX STREET ON THE SAME SUIG. AS THE HIDMANN.
- FORT BEND COUNTY NOTES SUPERSEDE MY CONFLICTING NOTES

- DESPECTION OF WITH MAIN WITH SERVICE LINES AND ASSOCIATE APPRICAMENTS HALL BE CONDICTION AS FAR RELIEVEMENT OF WHAT LINES AND RECEIVED CONSECTIONS SHOULD SERVE TO EXISTENCE WHATE LINES WITH LINES CONSTRUCTED WATER LINES HAVE RECEIVED RECORDED. DESIRECTED, RESIRED, HOUSEAUGH AND SUPPLETE AND CONNECTION WAS BEEN ADTRICATION OF THE CITH CONSIGNAL.
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FORT BEND COUNTY -- GENERAL CONSTRUCTION NOTES

- ALL PATING LIPROPRIENTS SHALL BY CONSTRUCTED IN ACCORDANCE BITH FIRST GOLD COUNTY TO THE JOPHUNAL AND ACCOTTANCE OF LARROW-THE LIPROPRIENTS IN SUBDIVISIONS AS CURRENTLY MEDICE.
- ALL COMPRETE PAYRINGT SIMIL RE \$4 SUIX COMPAY WITH A WINIUM COMPRESSIVE STRUMF OF SOON THE AT 3B DAYS. THENEVERS PROMISSION DOINTS SMALL BE INSTALLED AT EACH URB RETURN AND AT A MANIMUM SOCIENG OF BD FEET.
- AT THE THE ORDED CONSISTE CHE SHALL BE PLACED IN EXECUTION SHALL FAMILY LOTS ONLY
- STUDELINES, ME SET MORRI IN THE TEXAS, "AMAIL MA UNIFORM TRAFFIC CONTROL DEVICES," AS CHEMINITY AMAINED, SMALL DE GREENEN, THE CONTROL DEVIL DE RESONAIRE FOR PROVIDING ACQUARTE FLAMEN, STORIEN, STREPHIG AND AMAINED DEVILES, EXCELLENCES, STREPHIG AND AMAINED DEVILES, STREPHIG AND AMAINED DEVILES.

NON-POTABLE MATER LINES

- 1. CONTENUTION SHALL PROVING FOR A KINIMUM HORIZONTAL CLEARMACE OF 4' (FOUR FEET) BETWEEN NON-POTABLE WATER LHIES AND SANCTARY SENER MANIOLES AND LINES.
- 7. "NAM SE," (HOLDANIE" "MATTAN SHEME PERMENT".
 7. "NAM SE," (HOLDANIE" "MATTAN SHEME PERMENT.
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- EIEE NEW HOLD WITH CHIES SMALL BE P.Y.C. GLASS 15Q, DR-18, ANA 0-000 IN PURPLE COLOR WANGE NEW-POTABLE WHEN DO NOT BRING.
- AL PRIMATIONS WERE LARGE SHELL HARE A 12" DOTTON HOS JET SIER HARE SHOW OFFICERS AND SHELLES HANCELLES IO A MURINAL CHROMOTED BETTA ID 12", DORS INC TIPE OF THE TIPE IN PROVIDE A COMMUNICATION HOMOSEDRIT IN ACCIDENTAL WITH DITY SPECIFICATIONS AND DETAILS INCLIDED HIT THE NEW SET FOR WHITE LEAST.
- 8. FIRE SHALL NOT BE LAID IN WATER OR FLACED WHERE IT CAN BE FLOODED WITH MATER OR SCHOOL DISTORAGE OR HISTALLATION IN CONFLIANCE WITH THE 2PG. $44(t)\{1\}$. ALL NATER PIPE AND RELATED PRODUCTS MUSY CONFORM TO ANSI/AST STANDARD 61.
- DEFINITIONS SMAL BE COMENT WHEN LIKED COMPACT DUCTLE THOM PRESSURE FITTINGS FOR HASH AND ALL SO COMPANIENCE OF THE RECOMPANIES OF SECULOS OR SOME POLICEMENTS MADE, ON PAGE ON PITTINGS FOR HASH AND ALL SO TO DEPOLICE WHEN DEFINITIONS OF THE PROPERTY OF TH ALTASTIC PIPE FOR USE IN PUBLIC WATER SYSTEMS WAS IN ALSO BEAR THE INITIONAL SANITATION FORMATION SEAL OF APPROVAL (NET-PH) AS REQUIRED IN SECTION 200. 24(a)(c) OF the rules,
- 12. ALL FILL AND COMPACTION TO 95% STANDARD PROCTOR DEDISTITY SHALL BE PERFORMED PRIOR TO COMMITMENTION OF NON-POLARE WATER LIKES. NATE LIPES LARGE PROPOSED DE HUTUR PAYINE AND TO WITHD I FOOT BACK OF ALL PARROSED DE PUTINE CHESS SHALL DE RENSAED IN DIAM SAND TO LE LARGE FIFE AND RACETILED WITH 1/Z SANC CENERT / TOLSTAGLIZES SAND TO BITHLE ONE (1) FOOT OR SANDRAGE.
- TEXTING:
 1A. THE COMPACTOR SUML PROVIDE AMERICATE CARRETTE THOUSE OLDSKIND TO WITHSTAND TEXT PRESSURE
 SPECIFIED IN CITY OF PASSION, DEPARTMENT OF PUBLIC WARS A ENGINEERING SPECIFICATION. INTERNATIVE OFFINE ALL MENTAPHILE, WITES JAFF, SHALL BE TESTO FOR LEAVEST AN ADMINISTRATIVE STATES AND ADMINISTRATIVE STATES. AND ADMINISTRATIVE STATES AND ADMINISTRATIVE STATES AND ADMINISTRATIVE STATES AND ADMINISTRATIVE STATES. AND ADMINISTRATIVE STATES AND ADMINISTRATIVE STATES AND ADMINISTRATIVE STATES. ò
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- NUMERON DEPOSITE CONTROL FOR MANT, GERDA E-MO PER DELL'A PRE PERE, CLASS LAN INHECHIER HAVEL LEE UN PROSESSI RAISE LAN DELL'AND E-MO SAINT, CHOON DEVENTIER L'AR PER MANTER DUTAINS ARMA COMO (IN ÁTH L'ART, S'HAIMMEN ELERNACE RECONTRET LEE CONTROLTIER DU UNE AMPLIER DUTAINS ARMA COMO (IN ÁTH L'ANT) S'HERMANNE PUET, FOR IL CONSISSION, COMMETTIER HETH THE SAINT-DAMPS SOFTE.

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FORT BEND M.U.D. 112 IONAL INC.

WWTP REUSE PUMP STATION

GENERAL CONSTRUCTION NOTES

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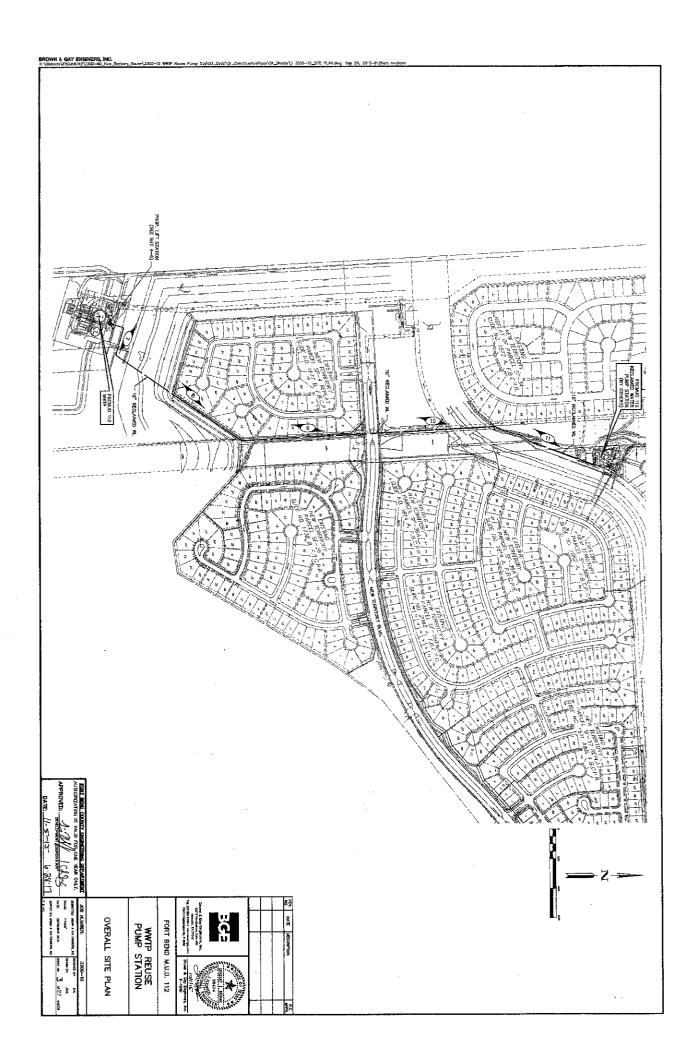
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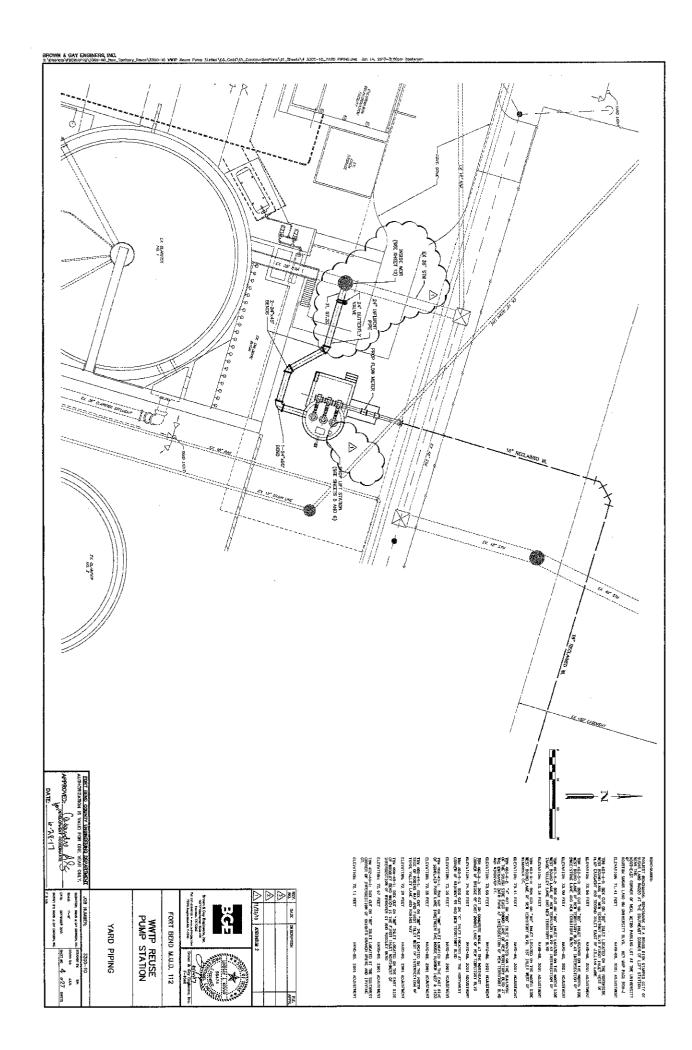
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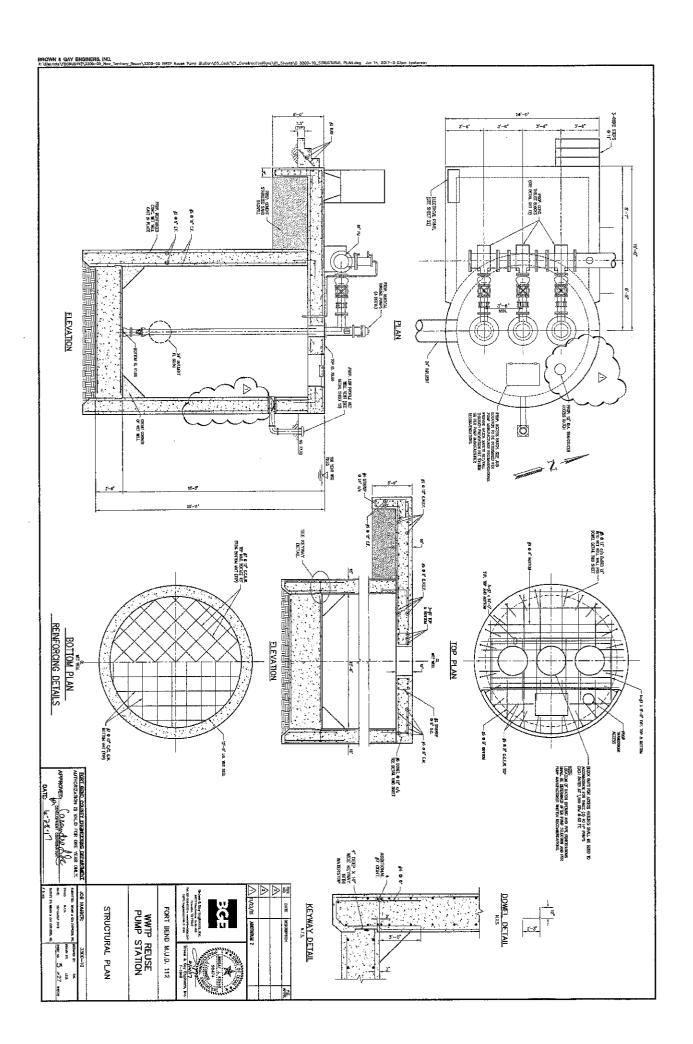
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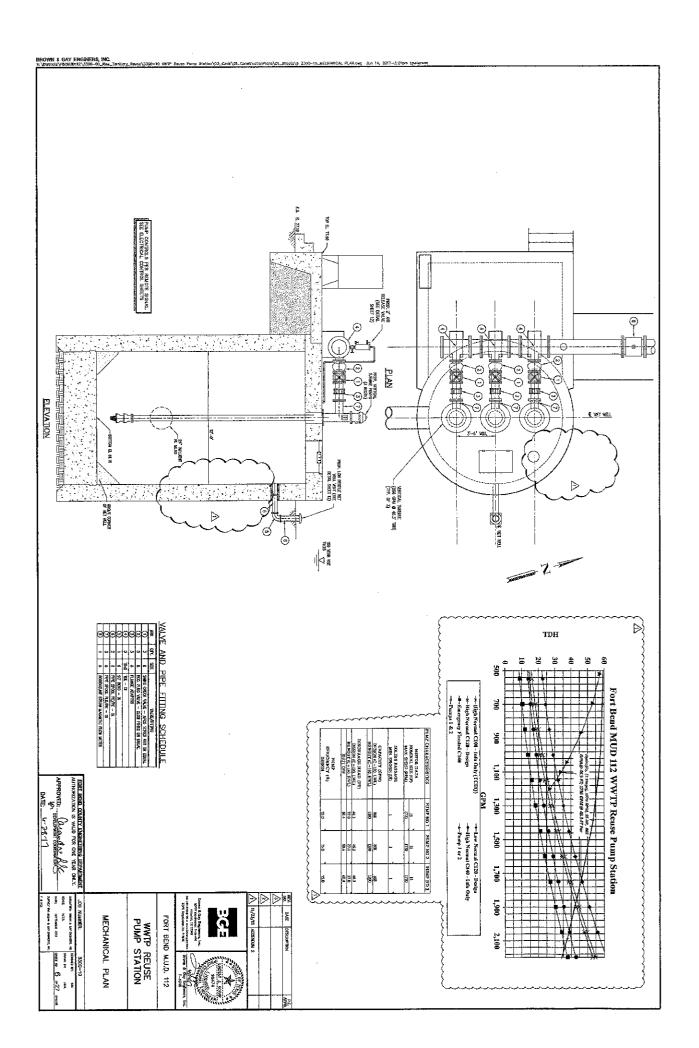
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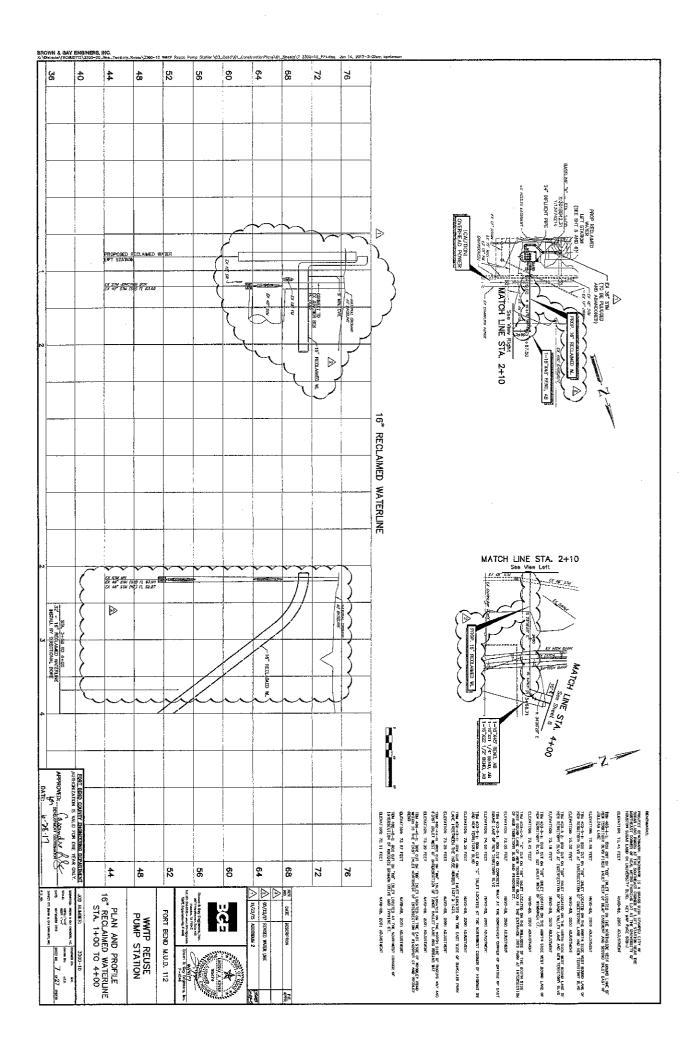
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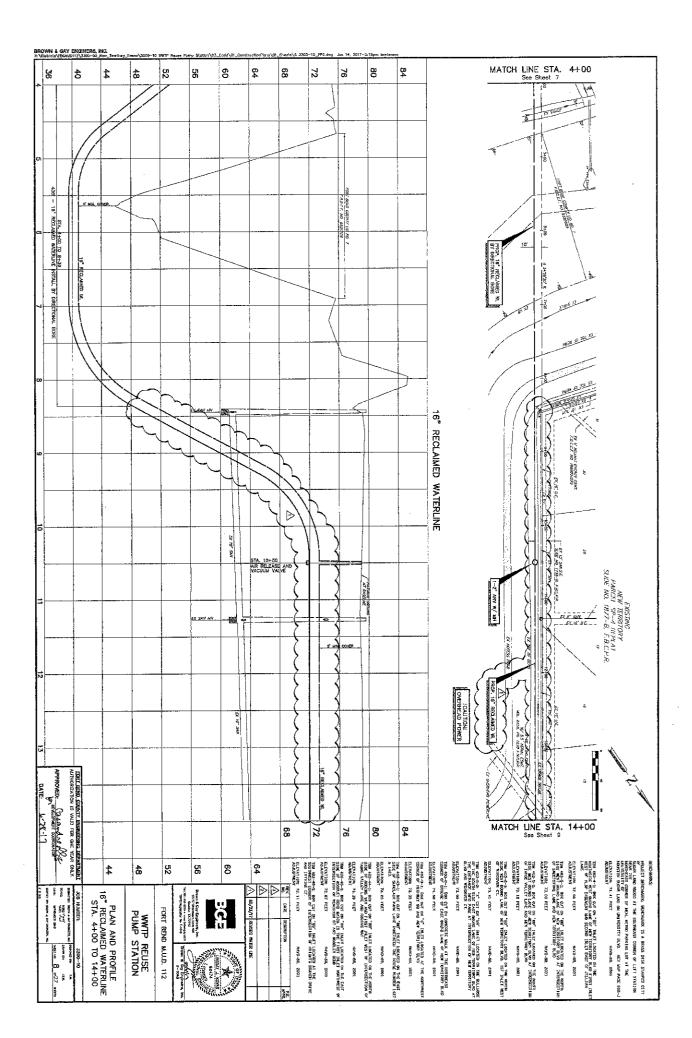


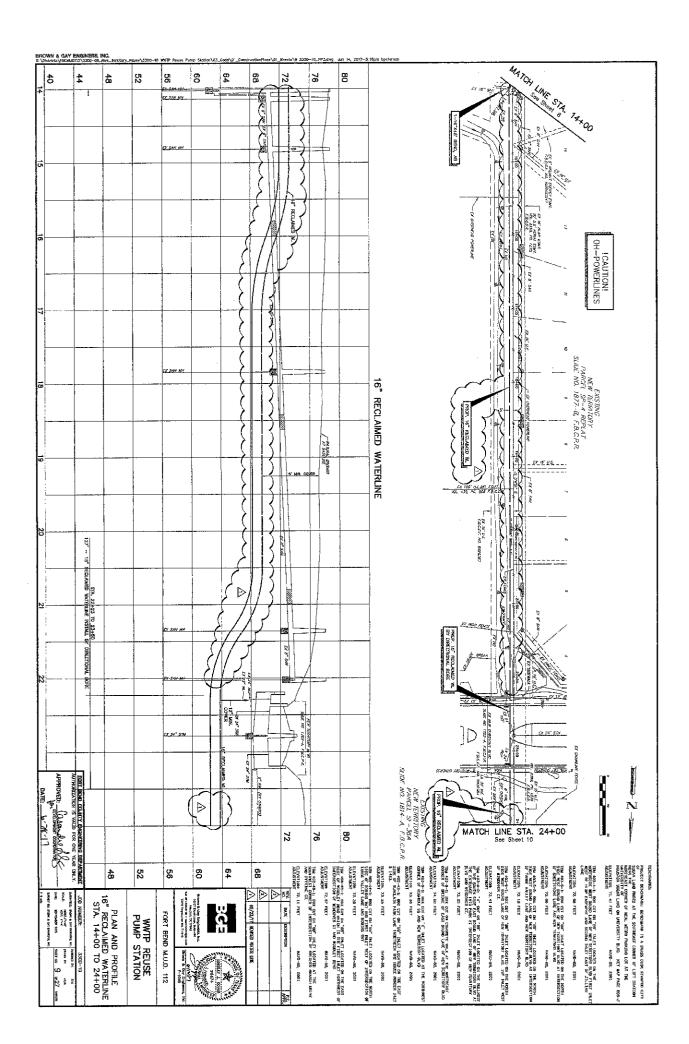


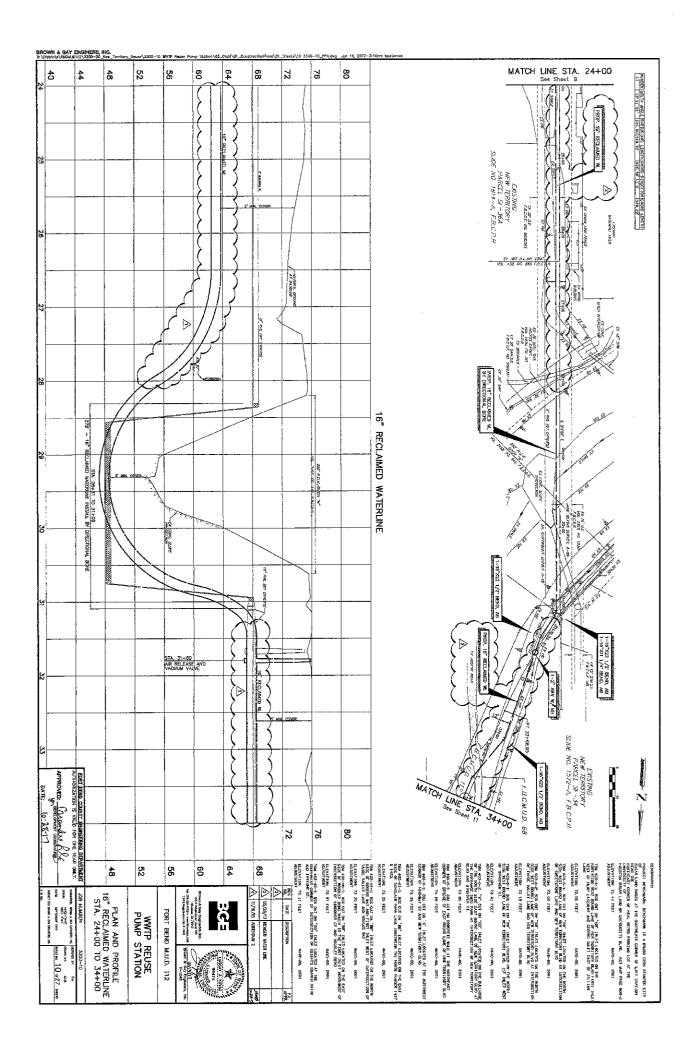




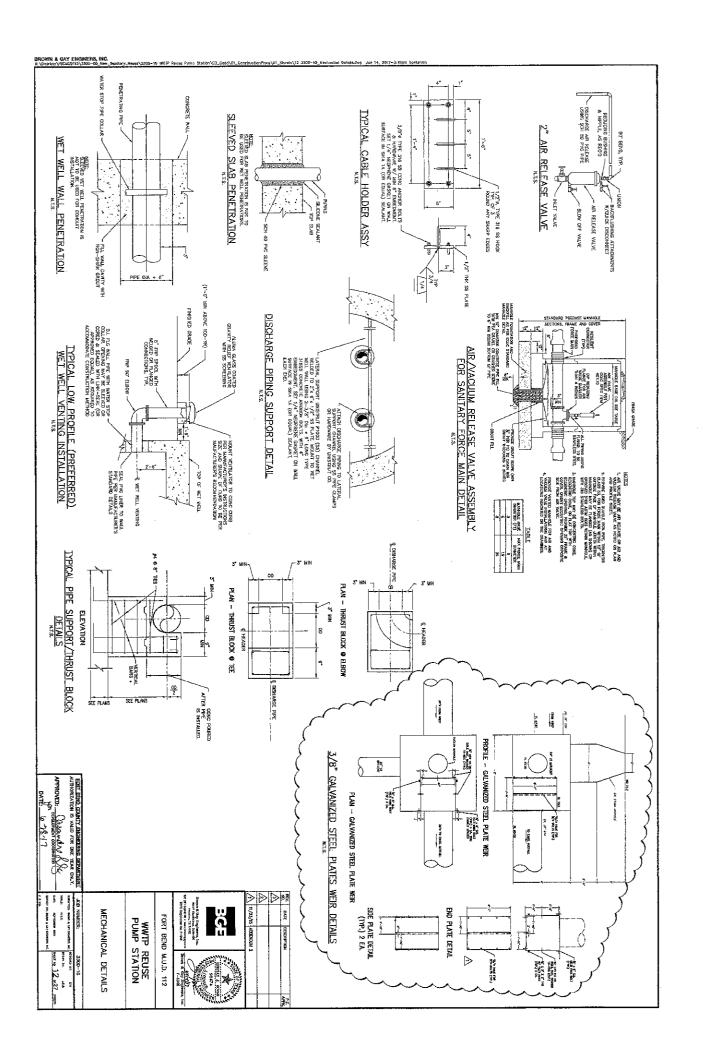


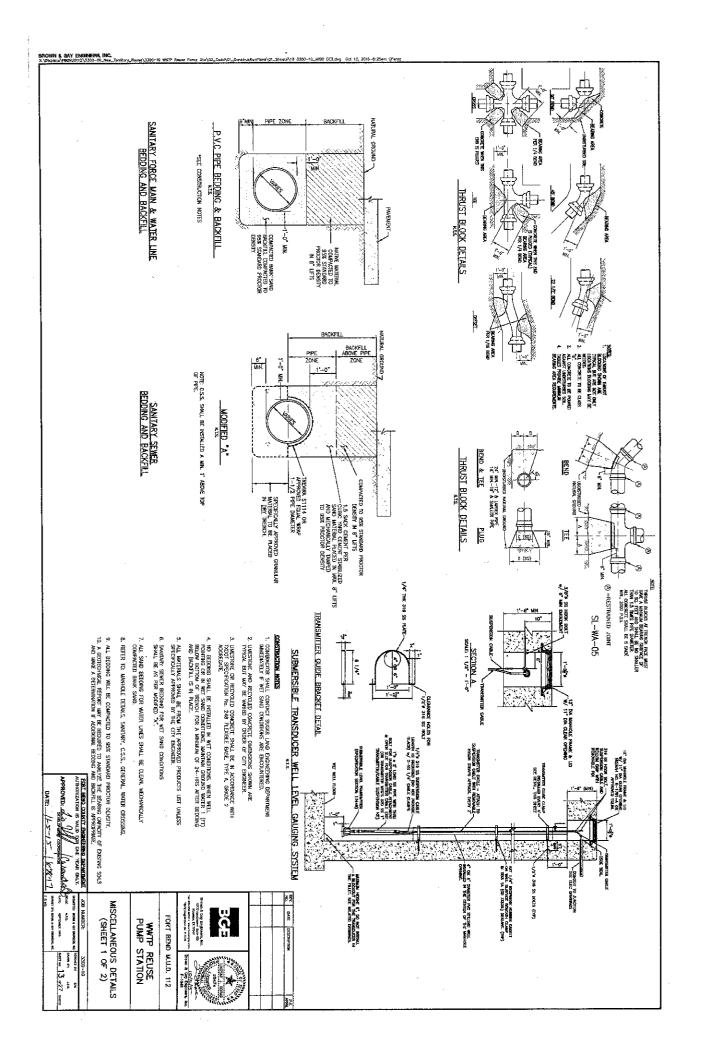


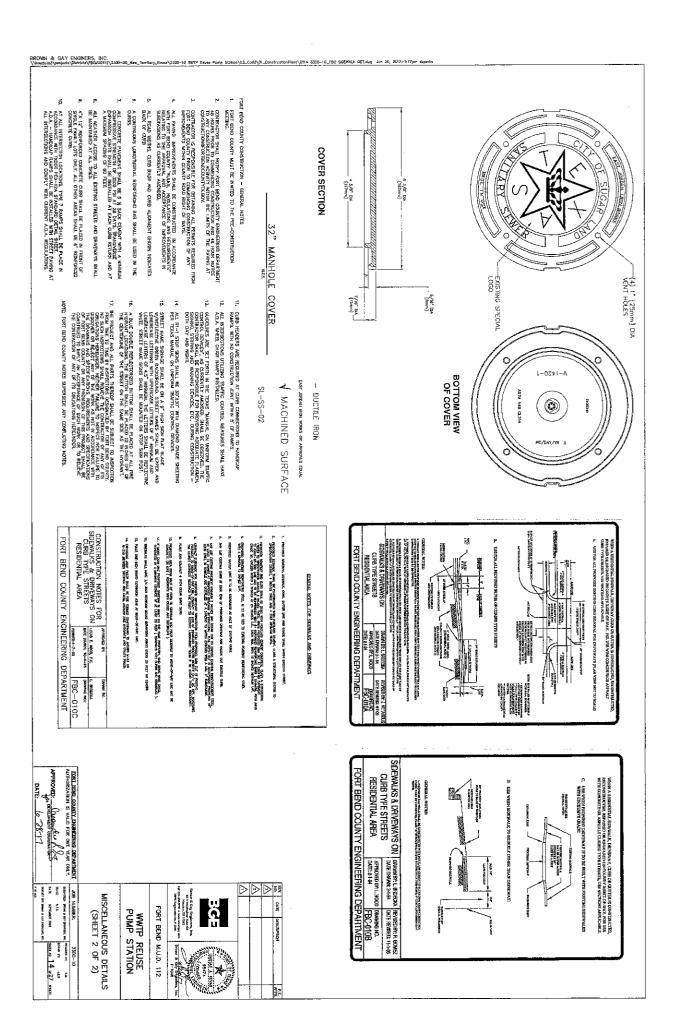


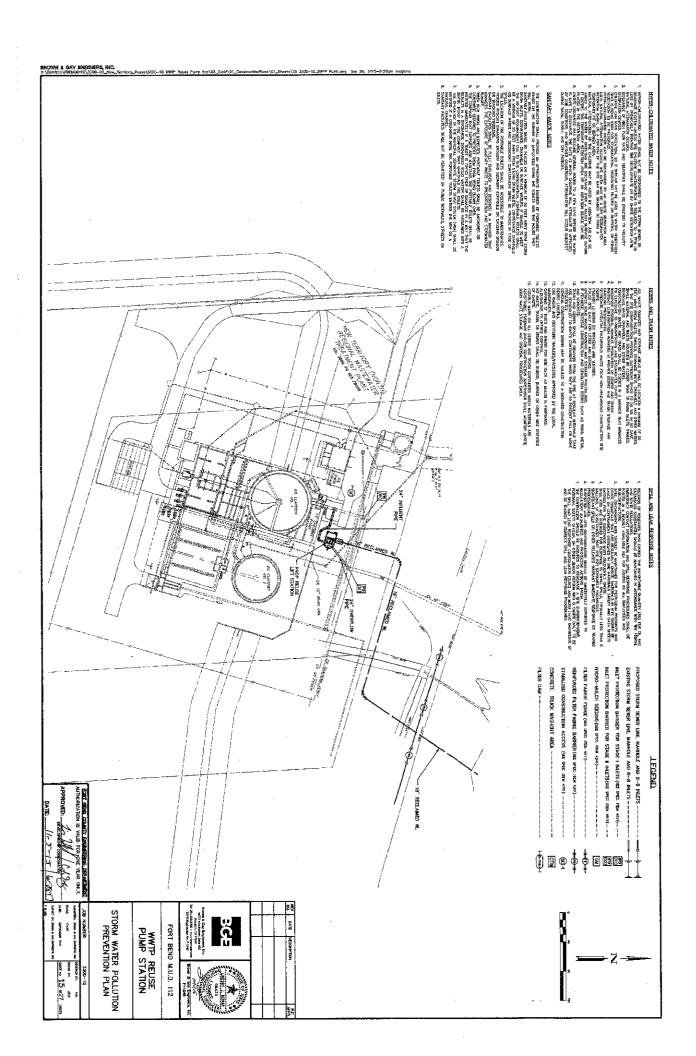


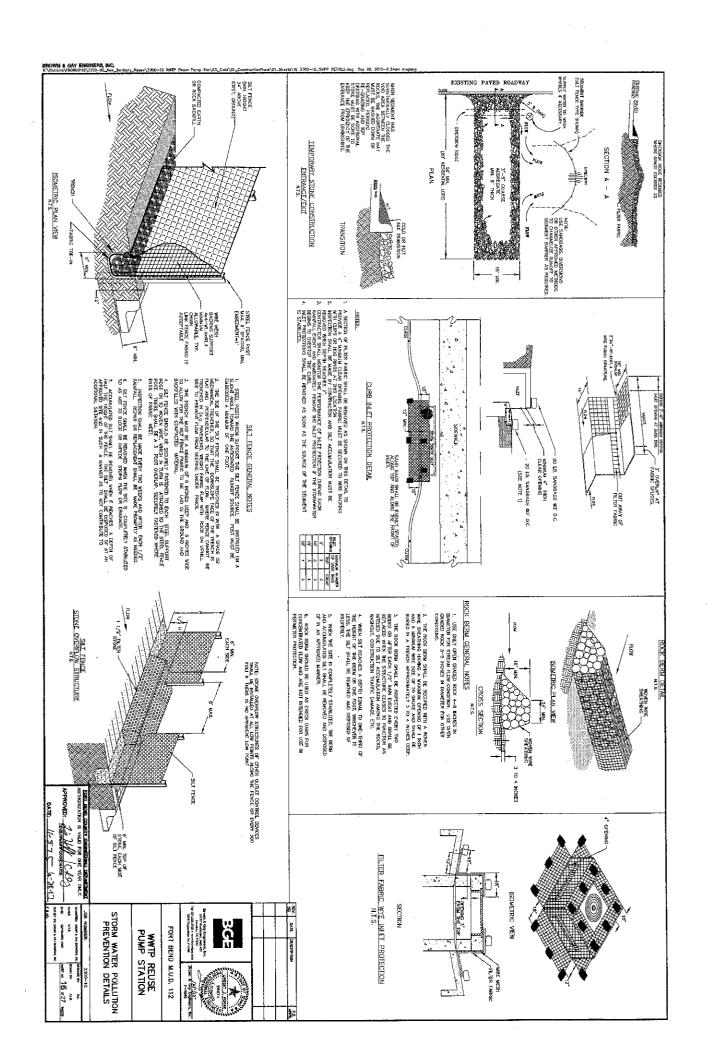
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Cu Down?	The sound of the standard and the standa	3301	PLAN AND PROFILE 16" RECLAIMED WATERLINE STA, 34+00 TO 38+73	PUMP STATION	WTP REL	FORT BEND M.U.D. 112	incere, bin.	u .	05/23/17 REVISED WATER LAIE	DESCRIPTION	RECTION OF MAID.	WAND WAND	CT AND MODIFIED LOCAL	DELEC MAY	LOON LEVEL 1982.	THE NATIONAL SERVICES	HEY TERRITORY SI	C. INTEL POCYAGO	CONDECE WALK AT	-Daves	THE INC. I LOCATE	-DAYN	TENTET LOCATE	TO ANOTHERS MAN	GANH	EN TERRITORY BLY VEN TERRITORY BLY TOUR INCE!	-дум	BB" INLET LOCATE E OF NEW TERRITOR D SECOND INLET EA	אוויסאסצורי מבויט. יי	SOUDHASA COMMEN NETRO PARKIND LO	LENG TES A BRASS D
	ритир 7 гг27 веля	D-10	ROFILE WATERLINE 38+73	NOIT	BSC	M.U.D. 112			170	P.E.	THE BRANCH DRIVE	MAND-BB, 2001 LOCATED AT THE	JED ON THE EAST INLEY MORTHWEST	NAVO-BB, 2001	COCATED ON THE NORTH	HOUSE HUNSER IA	NAVID-DEL ZODI	HAVID-88, 2001	THE NORTHEAST SW TERRITORY DLVE	EAVO-88, 2001	ON THE BRILLING	NAVD-88, 2001	TO UST THE MORTH	DRY BLVD AT ENTERSECTION	1440-86, 2001	OD AT SHEERSECTTO	1005 '99-01/N	ASE OF SILLIVEN SEE OF SILLIVEN TO DA THE	U. NEW MAY PRINCE OUT-	DE LIFT STATION	HER STANDED CITY











Curb Ramps

Install a curb ramp or blanded transition at each pedestrion street crossing

General Notes

- All slopes shown are maximum allowable, Lesser slopes that will still drain property should be used. Adjust auch ramp length or grade of approach sidewolks as directed.
- . The minimum sidewalk width is 5.1 Where the sidewelk is odjacent to the back of curb, or 6 sidewalk width is obsirche. Where a 5" sidewalk cannot be provided due to site constroints, sidewalk width may be reduced to 4.1 for short distraces. 5.x 5" possing areas at intervals not to exceed 200" are required.
- Landings shall be 5'x 5' minimum with a maximum 2% slope in any direction.
- Maneuvering space at the bottom of curb ramps shall be a minimum of $4^{\circ}x$ 4° wholly contained within the crosswalk and wholly autside the parallel vehicular travel path.
- Maximum allowable cross slope on sidewalk and curb ramp surfaces is 2%.
- Provide flored sides where the pedestrian circulation path crasses the curb range. Flored sides shall be sloped at 10% maximum, measured parallel to the curb. Returned parts may be used only where positions availed not increasily welk crass the ramp, shifter because the objects surface is planted, substantially districted, or otherwise protection.
- Additional information on ours ramp toortion, deelign, light reflective value and texture may be found in the current edition of the lexas Accessibility Standards [1A5] and 16 TAC 88.102.
- ö To serve as a pedestrian refuge area, the median should be a minimum of 6' wide, meusured from back of curbs. Medians should be designed to provide accessible passenge over at through them. Small channelization islands, which do not provide a minimum $5'x\ 5'$ landing at the top of curb ramps, shall be cut through level with the surface of the street.
- **;**
- Crosswalt, dirientations, crosswalk markings and stop bar locations shall be as shown elsewhere in the plans. At intersections where crosswalk markings are not required, carb ramps shall align with theoretical crosswalks unless otherwise directed.
- Handrais are not required on curb ramps. Provide curb ramps wherever on accessible raute crosses (penetrates) a curb.
- ű Curb ramps and landings shall be constructed and paid for in accordance with Itam 537. "Sidewalks".
- 14. Place concrete at a minimum depth of ${\bf 5}^{\bullet}$ for ramps, flares and landings, unless atherwise directed.
- Provide a smooth transition where the curb ramps connect to the street
- ò Š Curbs shown on sheet 1 within the limits of payment are considered part of the curb ramp for payment, whether it is concrete outb, gutter, or combined curb and gutter.
- 17 Existing features that comply with TAS may remain in place unless otherwise shown on the plane.

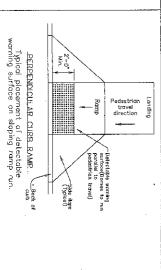
Detectable Warning Material

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- Own remax must contain a detectable revairing surface that consists of roled functed domes complying with section 705 of the 14S. The authors must contrast resource produces, including site forces. Furnish and install on sparious dost, in-place dark force and war ked obsectable worming surface moterial objection to uncontend countries includes specified disorder in the plans.
- 19 Datecrable Warning Materials must meet TaDOT Departmental Materials Specification DMS 4500 and be listed on the Material Producer List: Isotal products in accordance with manufacturities aspecifications.
- Detectable warning surfaces must be slip resistant and not allow water to occumulate
- Detectable warning surfaces shall be a minimum of 24° in cepth in the direction of possistions troval, and extend the full width of the curb ramp or landing where the possistions access route enters the street.

21. 20,

- 23 Detectable warming surfaces shall be facefed so that the edge energest the curb line is at the back of curb. Aligh the crose of demes to be perpendicular to the goods bareveen the ramp run and the street. Detectable warning surfaces may be curved dong the corner radius.
- 23 Shaded areas on Sheet 1 of ϕ indicate the approximate location for the detectable warning surface for each ourb ramp type.

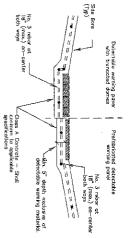


K-10,

Side curb (Typical)

Landing Pedestrion travel direction

table warning surface is to run paratlel to Yian travel)



SECTION: CURB RAMP AT DETECTABLE WARNING

2 - 0 Min edestriar trovel direction Ramp Detectable warning surface

Typical placement of detectable warning surface on sloping ramp run.

DIRECTIONAL CURB RAMP

- Block of

PARALLEL CURB RAMP Construction of detectable worning surface on landing at street edge. Back of curb

DETECTABLE WARNINGS

Detectable Warning Pavers

- Furnish detectable warning payer units meeting all requirements of ASTM C-936, C-33.
 Lay in a two by two unit basket weare pattern or as directed.
- 25 Lay full—size units first followed by closure units consisting of at least 25 percent of a full unit. Out detectable warning power units using a power saw.

Oldeworks

27.

- 26 Provide clear ground space at operable parts, including pedestrian push buttons. Operable parts shall be placed within one or more reach ranges specified in TAS 308
- Place troffle signal or Burnharthen poles, ground hoves, controller boxes, signs, drainage facilities and other items so as not to obstruct the pedestrian access route or clear ground space.
- Street grades and crass slopes shall be as shown elsewhere in the plans.
- Changes in level greater than 1/4 inch are not permitted.

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- The least possible grade should be used to matrinite accessibility. The running slope of siderolks and crosswalks within the public right of woy may cliabre the grade of the parallel foodlery. Where a continuous grade grader than \$X must be provided, inhandrate may be desirche to improve occessibility. Nandrate may also be needed to protect pedistriants from potentially hozardous conditions. If provided, handrate shall comply with 1AS 505.
- Handrall extensions shall not protrude into the usable landing area or into intersecting pedestrian routes.
- Driveways and turnauts shall be constructed and poid for in accordance with item "Intersections, Driveways and Turnouts". Sidewalks shall be constructed and poid for in accordance with lieth, "Sidewalks".
- Sidewalk details are shown elsewhere in the plans

(1/80 P-8/1)

VP June 15, 2012

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PEDESTRIAN FACILITIES CURB RAMPS	EDESTRIA CURB
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SHEET 2 OF 4

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Design Division Standard

A SECTION SEALE)100AF SWIBOL =2 S. Care ģ \ \ \ \ \ 2 CONTROL DIAGRAM LEGEND (1) Z۶ \bigcirc (B) RELAY CONTACT - NORMALLY CLOSED) MEN LOCATED ON FACE OF CONTROL PANEL SWING-OUT PANEL (SEE SCHEDULE THIS SHEET) CONTROL RELAY COIL — 4 POLE UNIVERSAL — PLUG IN INDICATING LIGHT → LED TYPE → MOTOR OVERLOAD MOLDED CASE CIRCUIT BREAKER LAPSED TIME METER SIZE & CONDUCTIORS

/3-44/0 + 42 NEU
/3-44/0 + 42 NEU +42 OND
/3-44/0 + 42 NEU +42 OND
/3-44/0 + 42 OND DUCT BANK SECTIONS B SECTION 16 NOT TO SCALE DESCRIP TION ₿. CONDUIT SCHEDULE

UPILITY TRANSPARIES

BELLINE DISCONNECT

UPILITY WITED

RECURS UPI STANDA CORREO, PANEL

RECURS UPI STANDA CORREO

RECURS UPI STANDA CORRE C SECTION SYMBOL 11 (8) ONE-LINE DIAGRAM LEGEND SPECIAL DEVICE (SEE SCHEDULE THIS MOLDED CASE CIRCUIT BREAKER)TEM LOCATED ON FACE OF CONTROL PANCEL SWING-OUT PANEL ELECTRICAL GROWND THREE—PHASE MOTOR (HORSEPOWER NOTED) MOTOR SPACE HEATER SURGE PROTECTIVE DEVICE DCAL LOCK STOP TEMPERATURE INDICATING TRANSMITTER OLER SOLENGE STARTER (SIZE NOTED) TOW METER RESSURE SMITCH HASE FAILURE RELAY BRATION SWITCH HPERATURE SMITCH RELIES LET STATION COMPAGE PAREL RELIES LET PARIOS AUTOBALES AND RELIES LET STATION CONTROL RELIES LET STATION CONTROL RELIES LET STATION CONTROL RELIES LET STATION CONTROL RELIES LET STATION COMPAGE PAREL RELIES LET STATION COMPAGE PAREL RELIES LET PAREN CO. 3

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LANDROM COMPAGE PAREN COMPAGE COMPA DESCRIPTION METER DISCONNECT
UTBLITY METER
MAIN DISCONNECT TOBINES K, (4) (3) (3) (3) **16*** • **₽**€ ELECTRICAL PLAN LEGEND **1 (a)** 20A, LICHT SWITCH IN WEATHER-PROOF FS BOX DUCT BANK MARKER (SEE DTL SHT 22) (SEE DIL SHT 22) ELECTRICAL DUCT BANK (SEE DTL SHT 22) ABOVE GROUND CONDUST FLASHING ALARM BEACON 20A, 125V, OF RECEPTACLE N WEATHER PROOF WHILE-IN-USE COVER LOW INDICATING TRANSMITTER PHOTO ELECTRIC SWITCH EMPERATURE INDICATING TRANSMITTER RESSURE SMITCH UNCTION BOX DODLICHT

DESCRIPTION

DESCRIPTION

SENERAL ELECTRICAL NOTES:

COMMUNS SHALL NOT BE ROUTED ACROES WALKWAYS, PATHS OF ACCESS, TRAVEL, OR ECRESS. ROUTE BENEVARY GEATHNOS, IN CONCRETE STRUCTURES, OR ARCHAO ENGUREMENT DO NOT ROUTE IN CONFLICT WITH OTHER PEYING, CONDUITS, ECUIPMENT, OR STRUCTURES. ALL CONSTRUCTION SHALL COMPLY WITH LOCAL AND NATIONAL COORS AND REQUIREMENTS.

ALL POWER AND INSTRUMENTATION CONDUCTORS SHALL BE INSTALLED IN SEPARATE COMBUTES.

CONTRACTOR IS RESPONSIBLE FOR ALL COMBINATION WITH THE UTILITY CO. TO ESTABLISH A REW DECTRICAL SERVICE FOR THE FAGLITY. THE COST OF CONNECTING THE PER SERVICE SHALL FE FAIL BY THE OWNER. ALL ASPECTS OF THAS BETALLATION MUST COMPLY WITH THE LATEST UNLIFT OF STANDARDS. REPENT HIS PROJECTS SERVICE REQUIREMENTS OF LOCATION, NATINGS AND RETRICTS OF PORTS CONSTRUCTION. CONTRACTION STALL BE RESPONSIBLE FOR COSTANING ANY AND ALL PERMITS
ASSOCIATED WITH THE WORK. THE COSTS OR THE PERMITS, IF ANY, SHALL BE BORNE
BY THE CONTRACTION.

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THE 100 YEAR FLOODPLAIN ELEVATION IS 79.8°. THE BOTTOM OF ALL ELECTRICAL ENCLOSURES MUST BE INSTALLED ABOVE 01.3°.

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SURGE PROTECTION DEWIZ - U. 1444 SHO BUILDIN GERMEN, 100 KA PENA SURGE CARRENT, LED PHASE STATUS NUICHTION, EATON CW. 100-480Y GR. EQUAL THE DELAY RELAY - MIH 2 S.P.D.T. SMITCHES RATED TOWERS THE DELAY RELAY - MIH 2 S.P.D.T. SMITCHES RATED TOWERS	IVERSIFIED ELECTRONICS I	PHOTOELECTRIC SMTCH - INTERNATIO SERIES K1100, 120V - MODEL NO. K1121 - MOUNT TO TOP OF MCC CANOPY	LED PUSH-TO-TEST INDICATING LIGHT - JOHN HEAVY DUTY OLTROHT/WATERTIGHT, VOLTAGE AS REQUIRED, SOME - COLOR AS INDICATED	INTERNSCHLY SAFE RELAY — INVERSITED ELECTRONICS CAT NO. 150-120-AFN LOW CURRENT BOLATION SWITCH, 5 AMPS, 120 VOLT CONTACTS	VIBRATING PANEL MOUNT HORN NEWA 4X, 120 VOLT EDWARDS MODEL NO. BYOP-N5	FLASHING BEACON — LED, 55FPM, 120V, RED POLYCARBONATE LENS, EDWARDS #46X8RIMR120A	ELAPSED TIME WETER - CRAMER #6535, 120 VOLT	EXHAUST GRILLE — HOFFMAN CAT NO. A-WK86 LOUVER WITH CAT NO. A-PLIB6 FLIER K.T. (WITH RAIN SHELD GRILLE)	NDECREAPHIC DATA LOGGER — TWO ANALOG/ DIGTAL NEVITS PAREL MUNITED COLORO DISPATA, WITH TOTALZER SISTEMATE OPTION: ABB SHISTOR MODEL NO SHEGOST/JUZGO OR EQUIAL WITH 208 SQ DARIO & LISE SQ INDUCAY/ CATO REJUSE, PROGRAM, TO LOG AND TOTALIZE — 20ma R.LOW STONAL	CONTROL RELAY — WITH 4 S.P.D.T. SWITCHES RATED 10 AMPS AT 120 YOLT, COIL VOLTAGE AS REQUIRED, PLUG IN BASE AND SOCKET	CABRIET HEATER - HOPPMAN CAT NO. DAHIDOTA, 115 VAC, 100 WATT	CABINET FAN - HOFFMAN CAT NO. A-PA4AXFN, 21 WATT, 120V (WITH RAIN SHELD GRILLE)	DESCRIPTION	SPECIAL DEVICE SCHEDULE

BY THE POLICE THROW WHERE #

15 # OF POLICE (SHEALE, DOUBLES)
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Richmond, TX 27463
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FORT BEND M.U.D. 112

WWTP REUSE

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PS 6217

ELECTRICAL NOTES. LEGENDS, AND SCHEDULES

100 Me ands in 16 ∉22 sig Salver Br

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