



**REVIEW BY FORT BEND COUNTY
COMMISSIONERS COURT**

**Fort Bend County
Engineering Department**
301 Jackson Suite 401
Richmond, Texas 77469
281.633.7500
Permits@fortbendcountytexas.gov

☒ Right of Way Permit
☐ Commercial Driveway Permit

Permit No: 2017-14146

Applicant: McDonald Municipal & Industrial, a division of C.F. McDonald Electric, Inc.

Job Location Site: 4050 E. Hwy 90A, Sugar Land, TX 77479

Bond No: [REDACTED] **Date of Bond:** 5/31/2017 **Amount:** \$5,000.00

The above applicant came to make use of certain Fort Bend County property subject to, "The Order Regulating the Laying, Construction, Maintenance, and Repair of Buried Cables, Conduits, and Pole Lines, In, Under, Across or Along Roads, Streets, Highways, and Drainage Ditches in Fort Bend County, Texas, Under the Jurisdiction of the Commissioners Court of Fort Bend County, Texas," as passed by the Commissioners Court of Fort Bend County, Texas, of the Minutes of the Commissioners Court of Fort Bend County, Texas, to the extent that such order is not inconsistent with Chapter 181, Vernon's Texas Statutes and Codes Annotated.

Notes:

1. Evidence of review by the Commissioners Court must be kept on the job site and failure to do so constitutes grounds for job shutdown.
2. Written notices are required:
 - a. 48 hours in advance of construction start up, and
 - b. When construction is completed and ready for final inspection, submit notification to Permit Administrator thru MyGovernmentOnline.org portal.
3. This permit expires one (1) year from date of permit if construction has not commenced.

On this 11th day of July, 2017, Upon Motion of Commissioner Muyers, seconded by Commissioner Morales, duly put and carried, it is ORDERED, ADJUDGED AND DECREED that said notice of said above purpose is hereby acknowledged by the Commissioners Court of Fort Bend County, Texas, and that said notice be placed on record according to the regulation order thereof.

Signature

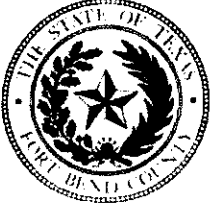
Presented to Commissioners Court and approved.

By: Charles O. Ay
for County Engineer

Date Recorded 7-24-2017 Comm. Court No. 19c

N/A
By: _____
Drainage District Engineer/Manager

Clerk of Commissioners Court
By: Andrea Wilkins
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@fortbendcountytexas.gov

- ☒ Right of Way Permit
☐ Commercial Driveway Permit

Permit No: 2017-14146

The following "Notice of Proposed Cable, Conduit, and/or Pole Line activity in Fort Bend County" and accompanying attachments have been reviewed and the notice conforms to appropriate regulations set by Commissioner's Court of Fort Bend County, Texas.

(1) COMPLETE APPLICATION FORM:

- ☒ a. Name of road, street, and/or drainage ditch affected.
☒ b. Vicinity map showing course of directions
☒ c. Plans and specifications

(2) BOND:

- ☐ County Attorney, approval when applicable.
- ☐ Perpetual bond currently posted. Bond No: _____ Amount: _____
- ☒ Performance bond submitted. Bond XXXXXXXXXX Amount: \$5,000.00
- ☐ Cashier's Check Check No: _____ Amount: _____

(3) DRAINAGE DISTRICT APPROVAL (WHEN APPLICABLE):

Drainage District Approval

Date

We have reviewed this project and agree it meets minimum requirements.

Charles O. Ay

Permit Administrator

6/30/17

Date



**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 [REDACTED]

THE STATE OF TEXAS §

KNOW ALL MEN BY THESE PRESENTS:

COUNTY OF FORT BEND §

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,
whose officer residing in the State of Texas, authorized to accept service in all suits and actions brought within said state is
Keenan Lehmann and whose address is 9500 Arboretum Boulevard, Suite 100, Austin, TX 78759
hereinafter called the Surety, and held and firmly bound unto, Robert E. Hebert, County Judge of Fort Bend County, Texas,
or his successors in office, in the full sum of Five Thousand Dollars (\$5,000.00)
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.

EXECUTED this 31st day of May, 2017.

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 # 19C
Fort Bend County Clerk
Return Admin Serv Coord RAL

MERCHANTS
BONDING COMPANY™
POWER OF ATTORNEY

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 authority 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.



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

By

Larry Taylor
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

Alicia K. Gram

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.



William Warner Jr.
Secretary



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

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.

SUP 0032 TX (2/15)



FILED AND RECORDED
OFFICIAL PUBLIC RECORDS

Laura Richard

Laura Richard, County Clerk
Fort Bend County, Texas

July 17, 2017 04:06:05 PM

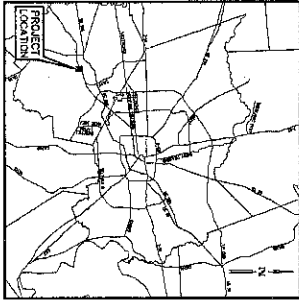
FEE: \$0.00 RMM
BOND

2017079227

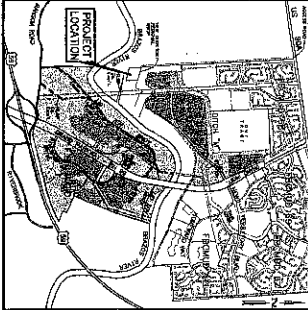
FORT BEND COUNTY M.U.D. 112 CONSTRUCTION PLANS FOR

WASTEWATER TREATMENT PLANT REUSE PUMP STATION

SEPTEMBER 2015



LOCATION MAP
 N.T.S.



VICINITY MAP
 N.T.S.
 NEXT MAP BOX IS
 SHOWN ON THIS DRAWING

SHEET INDEX

- | NO. | DESCRIPTION |
|-----|---|
| 1 | COVER SHEET |
| 2 | GENERAL CONSTRUCTION NOTES |
| 3 | OVERALL SITE PLAN |
| 4 | WAD POND |
| 5 | STRUCTURAL PLAN |
| 6 | MECHANICAL PLAN |
| 7 | PLAN AND PROFILE - 18" RECLAIMED WATERLINE - STA. 1+00 TO 4+00 |
| 8 | PLAN AND PROFILE - 18" RECLAIMED WATERLINE - STA. 4+00 TO 14+00 |
| 9 | PLAN AND PROFILE - 18" RECLAIMED WATERLINE - STA. 14+00 TO 24+00 |
| 10 | PLAN AND PROFILE - 18" RECLAIMED WATERLINE - STA. 24+00 TO 34+00 |
| 11 | PLAN AND PROFILE - 18" RECLAIMED WATERLINE - STA. 34+00 TO 38+12.03 |
| 12 | MECHANICAL DETAILS |
| 13 | MISCELLANEOUS DETAILS (SHEET 1 OF 3) |
| 14 | MISCELLANEOUS DETAILS (SHEET 2 OF 3) |
| 15 | STORM WATER POLLUTION PREVENTION PLAN |
| 16 | TWOOT FERTILIZER FACILITIES OVER RAMP (SHEET 1 OF 4) |
| 17 | TWOOT FERTILIZER FACILITIES OVER RAMP (SHEET 2 OF 4) |
| 18 | TWOOT FERTILIZER FACILITIES OVER RAMP (SHEET 3 OF 4) |
| 19 | TWOOT FERTILIZER FACILITIES OVER RAMP (SHEET 4 OF 4) |
| 20 | ELECTRICAL NOTES, LEGENDS AND SCHEDULES |
| 21 | ELECTRICAL ONE-LINE DIAGRAM |
| 22 | ELECTRICAL HOUSE UP STATION PLAN |
| 23 | ELECTRICAL CONTROL DIAGRAM (SHEET 1 OF 2) |
| 24 | ELECTRICAL CONTROL DIAGRAM (SHEET 2 OF 2) |
| 25 | ELECTRICAL DETAILS |
| 26 | ELECTRICAL DETAILS |
| 27 | ELECTRICAL DETAILS |

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

APPROVED
 CITY OF SUGAR LAND

Signature
 CHRISTOPHER L. STEERING, P.E., CFM

Signature
 ASSISTING CITY ENGINEER

FORT BEND COUNTY ENGINEER	
ENGINEER	<i>Signature</i>
DATE	11/5/15
THESE DOCUMENTS ARE VOID IF CONSTRUCTION HAS NOT COMMENCED BY (1) DATE FROM DATE OF APPROVAL (2) DATE FROM DATE OF EXPIRATION	
APPROVED	<i>Signature</i>
DATE	11-5-15

NO.	DATE	DESCRIPTION	BY

BROWN & GAY ENGINEERS, INC.
 5424 S. HIGHWAY 291, SUITE 100
 FORT BEND COUNTY, TEXAS 77434

SEP 2015
 5424 S. HIGHWAY 291, SUITE 100
 FORT BEND COUNTY, TEXAS 77434

SHEET 1 OF 27

GENERAL NOTES:

- [illegible]

WATER DISTRIBUTION NOTES:

1. ALL MATERIALS AND PRODUCTS USED IN THE CONSTRUCTION OF WELD METALS, WELD JOINTS AND ASSOCIATED COMPONENTS SHALL BE IDENTIFIED BY THE MANUFACTURER'S IDENTIFICATION MARKS AND THE COMPANY APPROVED INSPECTOR SHALL BE NOTIFIED IMMEDIATELY UPON RECEIPT OF THE MATERIALS.
2. ALL WELT WELDS SHALL BE IDENTIFIED BY THE MANUFACTURER'S IDENTIFICATION MARKS AND THE COMPANY APPROVED INSPECTOR SHALL BE NOTIFIED IMMEDIATELY UPON RECEIPT OF THE MATERIALS.
3. ALL WELT WELDS SHALL BE IDENTIFIED BY THE MANUFACTURER'S IDENTIFICATION MARKS AND THE COMPANY APPROVED INSPECTOR SHALL BE NOTIFIED IMMEDIATELY UPON RECEIPT OF THE MATERIALS.
4. ALL WELT WELDS SHALL BE IDENTIFIED BY THE MANUFACTURER'S IDENTIFICATION MARKS AND THE COMPANY APPROVED INSPECTOR SHALL BE NOTIFIED IMMEDIATELY UPON RECEIPT OF THE MATERIALS.
5. ALL WELT WELDS SHALL BE IDENTIFIED BY THE MANUFACTURER'S IDENTIFICATION MARKS AND THE COMPANY APPROVED INSPECTOR SHALL BE NOTIFIED IMMEDIATELY UPON RECEIPT OF THE MATERIALS.
6. ALL WELT WELDS SHALL BE IDENTIFIED BY THE MANUFACTURER'S IDENTIFICATION MARKS AND THE COMPANY APPROVED INSPECTOR SHALL BE NOTIFIED IMMEDIATELY UPON RECEIPT OF THE MATERIALS.
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10. ALL WELT WELDS SHALL BE IDENTIFIED BY THE MANUFACTURER'S IDENTIFICATION MARKS AND THE COMPANY APPROVED INSPECTOR SHALL BE NOTIFIED IMMEDIATELY UPON RECEIPT OF THE MATERIALS.

F081.BEND COUNTY -- GENERAL CONSTRUCTION NOTES

1. FIRM AND COUNTY MUST BE INVITED TO THE PRE-CONSTRUCTION MEETING.
2. CONTRACTING SHALL NOTIFY FIRM AND COUNTY ENGINEERING DEPARTMENT, AS SOON AS THE CONTRACTING HAS BEEN AWARDED. THE CONTRACTING SHALL BE REQUIRED TO FURNISH THE LIMITS OF THE FUTURE OF SUBSIDIARIES OF THE CONTRACTING.
3. CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL RESULTS REQUIRED FROM FIRM, COUNTY AND CITY ENGINEERING DEPARTMENT. THE CONTRACTING SHALL BE REQUIRED TO FURNISH THE LIMITS OF THE FUTURE OF SUBSIDIARIES OF THE CONTRACTING.
4. ALL FUTURE INVESTIGATIONS SHALL BE CONDUCTED IN ACCORDANCE WITH THE FIRM, COUNTY AND CITY ENGINEERING DEPARTMENT. THE CONTRACTING SHALL BE REQUIRED TO FURNISH THE LIMITS OF THE FUTURE OF SUBSIDIARIES OF THE CONTRACTING.
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6. A CONTINUOUS CONSTRUCTION, INVESTIGATION AND SHALL BE USED IN THE COUNTY.
7. ALL FUTURE INVESTIGATIONS SHALL BE CONDUCTED IN ACCORDANCE WITH THE FIRM, COUNTY AND CITY ENGINEERING DEPARTMENT. THE CONTRACTING SHALL BE REQUIRED TO FURNISH THE LIMITS OF THE FUTURE OF SUBSIDIARIES OF THE CONTRACTING.
8. ALL FUTURE INVESTIGATIONS SHALL BE CONDUCTED IN ACCORDANCE WITH THE FIRM, COUNTY AND CITY ENGINEERING DEPARTMENT. THE CONTRACTING SHALL BE REQUIRED TO FURNISH THE LIMITS OF THE FUTURE OF SUBSIDIARIES OF THE CONTRACTING.
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NON-POTABLE WATER LINES

- [illegible]

REL. NO.	DATE	DESCRIPTION	P.E. AMT.

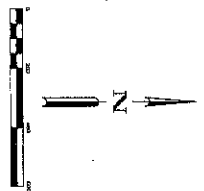


WWTP REUSE
PUMP STATION

**GENERAL
CONSTRUCTION NOTES**

JOB NUMBER: **108**
 SIGNED: **JOHN A. GRIFFIN, JR.**
 TITLE: **CEO**
 DATE: **SEPTEMBER 2010**
 STATE: **THE STATE OF MISSISSIPPI**
 I HEREBY CERTIFY THAT THE ABOVE IS A TRUE AND CORRECT COPY OF THE ORIGINAL DOCUMENT.
 DATE: **11-5-15** BY: **10/28/17**
 APPROVED: **2006**
 RECEIVED BY: **COORDINATOR**
 AUTHORIZATION IS VALID FOR ONE YEAR ONLY.
 FBI BOLD COUNTY ENGINEERING DEPARTMENT

JOE NUMBER:	
DATE:	2011-11-01
TIME:	10:00
NAME:	JOE
ADDRESS:	1000 N. 10TH ST. CHICAGO, IL 60610
PHONE:	773-555-1234
TELEFAX:	773-555-1234
EMAIL:	JOE@EXAMPLE.COM
WEBSITE:	WWW.EXAMPLE.COM
NOTES:	
7000	



FOR THE COUNTY OF BROWN, MISSOURI
 AUTHORIZATION TO BUILD CONTRACT FOR ONLY
 APPROVED: *[Signature]* 10/18/12
 DATE: 10-15-12 6:28 PM

FOR THE COUNTY OF BROWN, MISSOURI
 AUTHORIZATION TO BUILD CONTRACT FOR ONLY
 APPROVED: *[Signature]* 10/18/12
 DATE: 10-15-12 6:28 PM

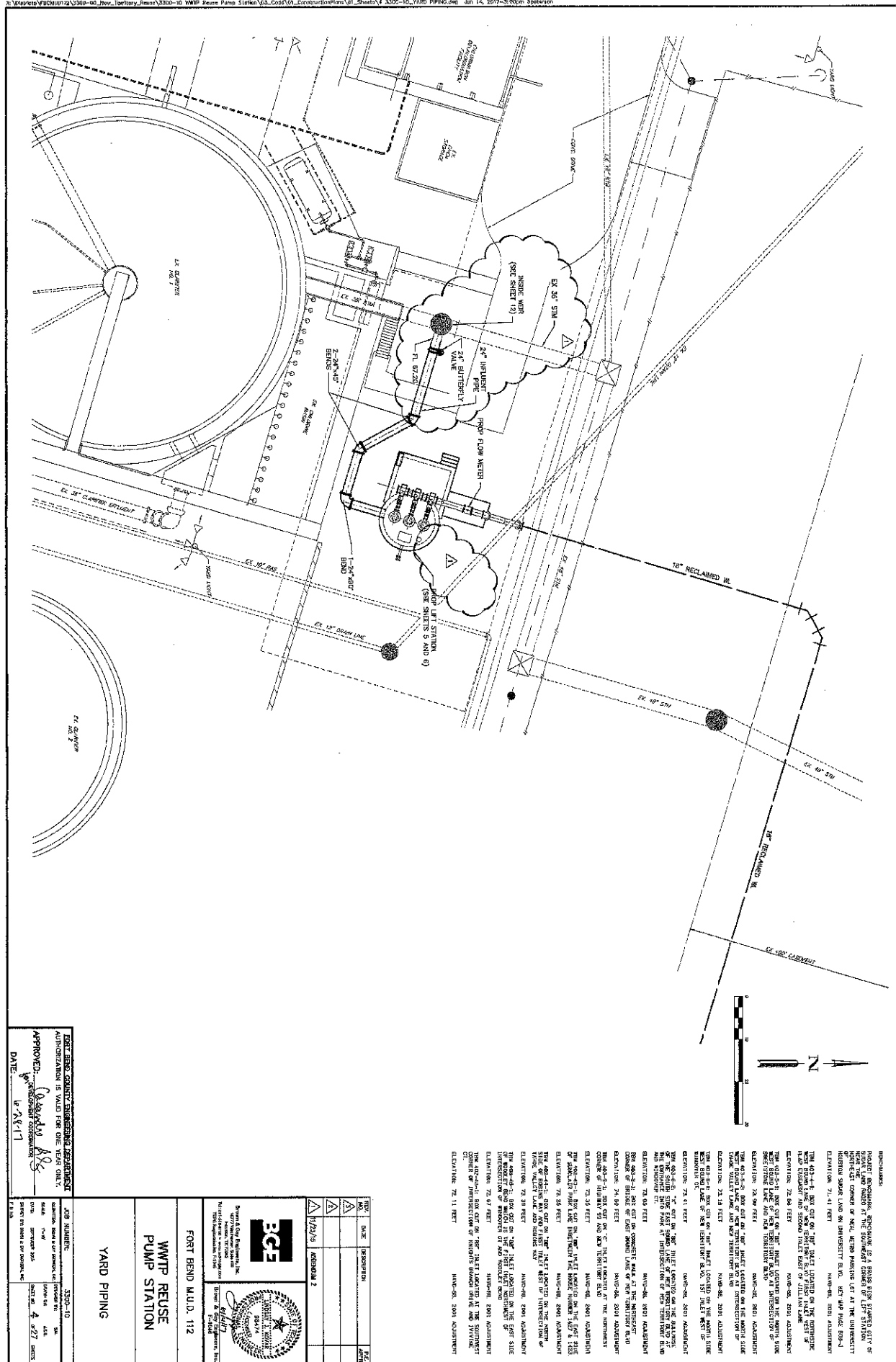
OVERALL SITE PLAN

WWP REUSE
 PUMP STATION

FORT BEND M.U.D. 112



REV	DATE	DESCRIPTION



FORT BEND COUNTY ENGINEERING DEPARTMENT AUTHORIZATION IS VALID FOR ONE YEAR ONLY. APPROVED: <i>[Signature]</i> DATE: 12-28-17	
JOB NUMBER:	3300-10
DATE:	12-28-17
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FORT BEND COUNTY ENGINEERING DEPARTMENT AUTHORIZATION IS VALID FOR ONE YEAR ONLY. APPROVED: <i>[Signature]</i> DATE: 12-28-17	
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FORT BEND COUNTY ENGINEERING DEPARTMENT AUTHORIZATION IS VALID FOR ONE YEAR ONLY. APPROVED: <i>[Signature]</i> DATE: 12-28-17	
JOB NUMBER:	3300-10
DATE:	12-28-17
DATE:	12-28-17
DATE:	12-28-17

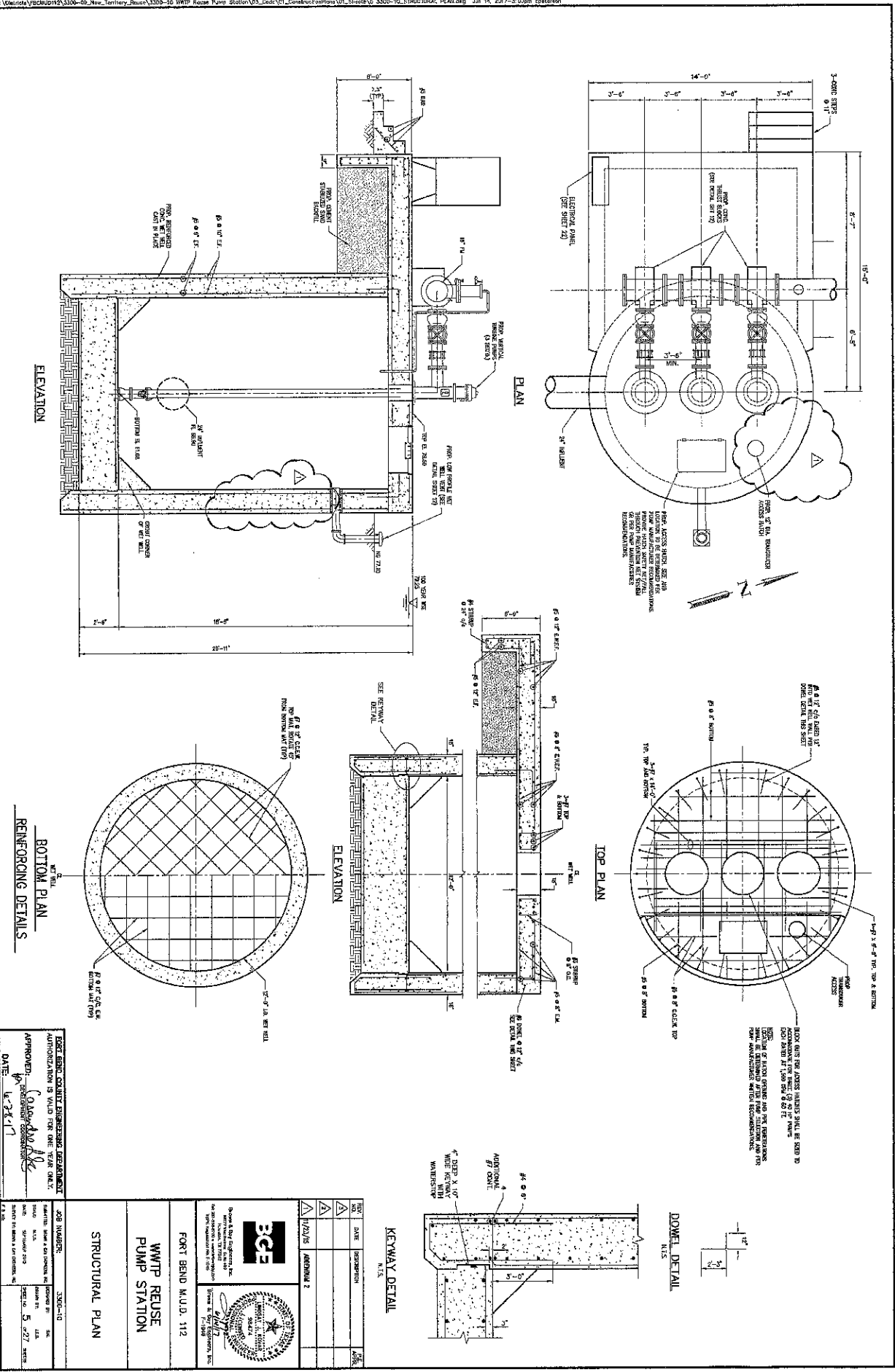
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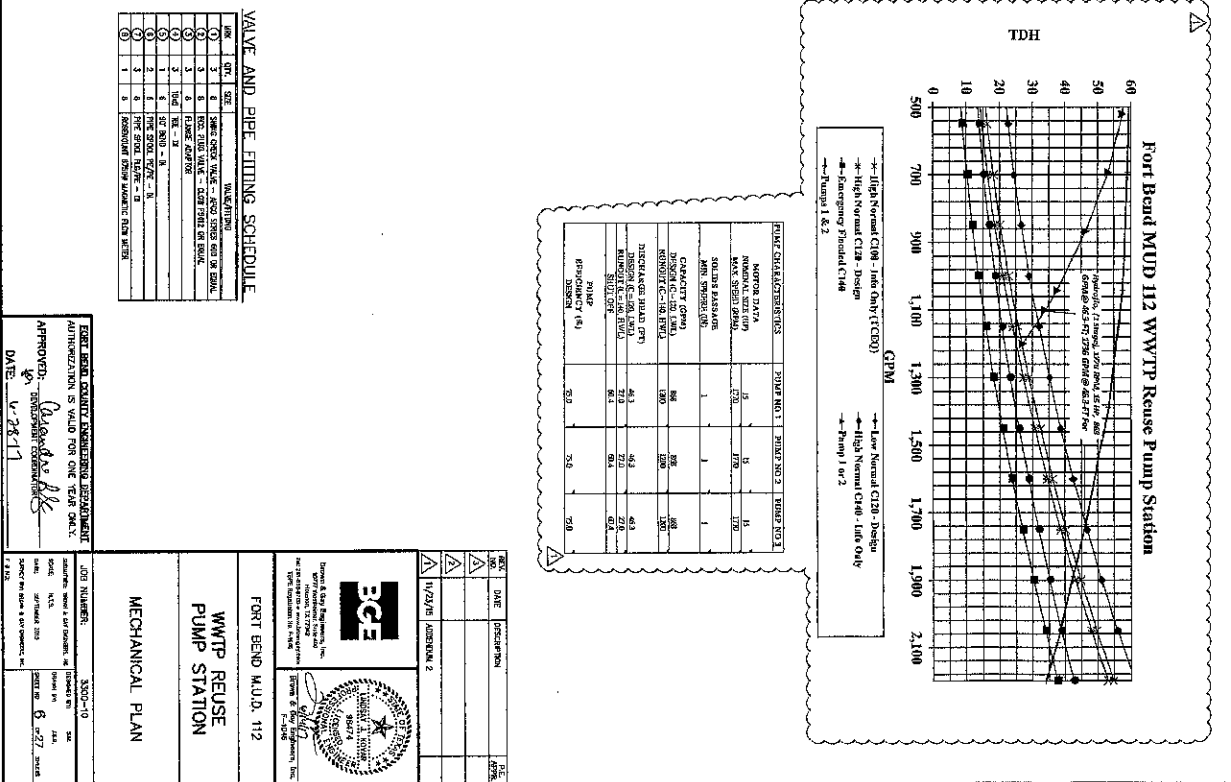
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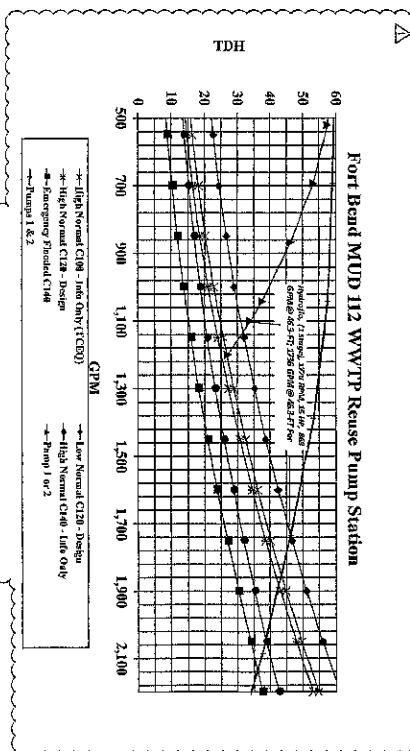


FOR THE COUNTY ENGINEER, DEPARTMENT OF PUBLIC WORKS
 APPROVED: *[Signature]*
 DATE: 6-28-17

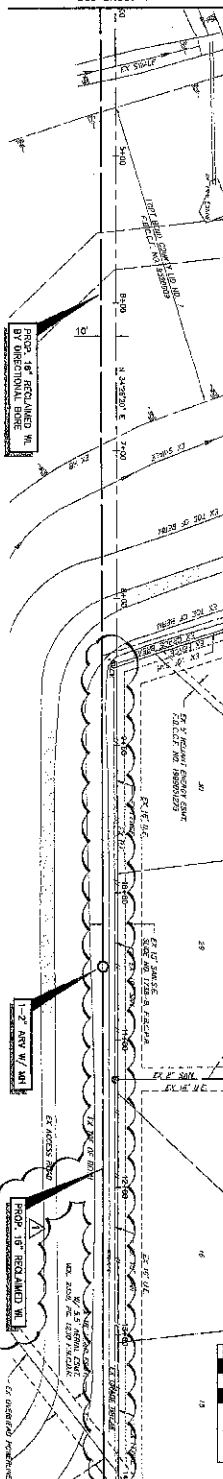
STRUCTURAL PLAN WWP REUSE PUMP STATION FORT BEND M.U.D. 112		BCE Brown & Gay Engineers, Inc. 11111 Katy Road, Suite 100 Houston, TX 77058 (281) 415-1111 www.brownandgay.com	Professional Engineer Jason Brown License No. 11111
JOB NUMBER: 3300-10 DATE: 6-28-17 DRAWN BY: JLB CHECKED BY: JLB SCALE: 1" = 1'-0"	APPROVED: <i>[Signature]</i> DATE: 6-28-17	FOR THE COUNTY ENGINEER, DEPARTMENT OF PUBLIC WORKS APPROVED: <i>[Signature]</i> DATE: 6-28-17	



LINE	QTY.	SIZE	VALVE TYPE
1	3	8	SHOCK CHECK VALVE - 1/2" STD BORE OR EQUAL
2	3	8	FLG. END VALVE - 1/2" STD BORE OR EQUAL
3	3	8	FLG. END VALVE - 1/2" STD BORE OR EQUAL
4	3	8	FLG. END VALVE
5	1	8	1/2" STD BORE - 1/2"
6	1	8	1/2" STD BORE - 1/2"
7	1	8	1/2" STD BORE - 1/2"
8	1	8	1/2" STD BORE - 1/2"
9	1	8	1/2" STD BORE - 1/2"
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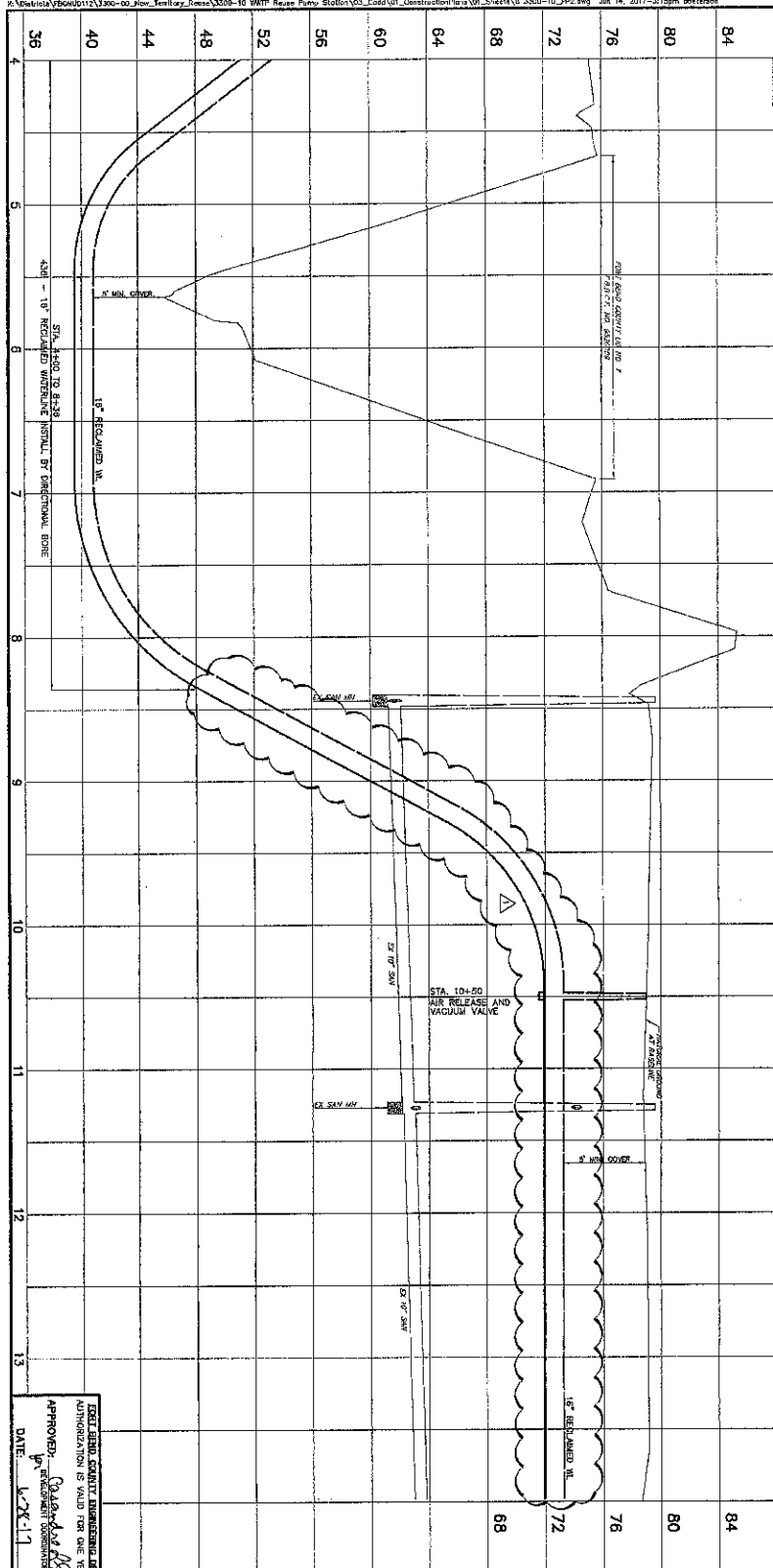
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MATCH LINE STA. 4+00
See Sheet 7



EXISTING
NEW TERRITORY
PARCEL SP-4 REPLAT
SLIDE NO. 1817-B, F.B.C.P.R.

MATCH LINE STA. 14+00
See Sheet 9



16" RECLAIMED WATERLINE

FORD BEND COUNTY ENGINEERING DEPARTMENT
 AUTHORIZATION IS VALID FOR ONE YEAR ONLY.
 APPROVED: *Calvin D. [Signature]*
 p. ENGINEERING DEPARTMENT
 DATE: *6-28-17*

JOB NUMBER:		3300-10	
BRAND/TYPE: BROWN & CALI INDUSTRIES, INC.	RELEASED ON:	S.M.	
HEIGHT: 5' 7 1/2"	LEAVING ON:	J.R.A.	
WEIGHT: 150 lb	DATE: 8/27	BY: [signature]	
LABOR: [signature]	SHEET NO. 8 of 27 PAGES		
APPROVED AND SIGNED BY: [signature] DATE: 8/27/88			

PLAN AND PROFILE
16" RECLAIMED WATERLINE
STA. 4+00 TO 4+00

WWTP REUSE
PUMP STATION

FORT BEND M.U.D. 112

THE 2001-2002 FIRM & WORK INFORMATION SURVEY
TOWNE REPORTING OF MAY 2004

Spillco
Division of Oxy Energy
F-1040

Brown & Gray Engineers, Inc.
2507 Westmont, Dallas, 400
Telex: 667202

Lincolnton
LINDSAY J. M.
92474

REMOVED WATER LINE

DATE	DESCRIPTION	NO.	

72.15 FEET
NAVD-83, 2001

00-1: BOX CUP ON "80" INLET LOCATED AT THE CORNER OF INTERSECTION OF KNIGHTS BRANCH RD. CT.

72.67 FEET

5-4: BOX CUT ON "88" INLET LOCATED ON THE
EAST SIDE OF THE INLET. THE BOX CUT IS THE FIRST INLET MOST

73.39 FEET
DROBINS WAY AND FIRST INLET WEST OF INTROSE
ALLEY LANE AND ROBINS WAY
NAYD-68, 2091

72.25 FEET
NAVD-85, 2001

3-1: BOX CUT ON "E" INLET LOCATED ON THE
UNCLAIR PARK LANE (SEE) THE HOUSE NUM

72.35 FEET NAVID-03, 2001

Box OUT ON "C" INLET LOCATED AT THE A

1-1: BOX CUT ON CONCRETE WALK AT THE NORTH
BRIDGE OF EAST BOUND LANE OF NEW TERNITO

7/1 05 FEET
NAVD-83 2001

2. "X" CUT ON "B" IN THE LOCATION ON THE
SOUTH SIDE ROAD LANE OF NEW TERRITORY
ROAD (MTO PARK AT INTERSECTION OF NEW TERRITORY

73. 41 FEET

2-3: BOX CUT ON "B" INLET, LOCATED ON THE
EASTERN LIMB OF THE TERRITORY BLVD. 1ST IN

BOUND LINE OF NEW TERRITORY BLVD AT INTERSECTION OF VALLEY LINE AND NEW TERRITORY BLVD

73.00 FEET MAYD-BB. 2001

1-1 BOX CUT ON "B" INLET LOCATED ON THE
BOUND LINE OF NEW TERRITORY BLVD AT INTER-
SECTION LAKE AND NEW TERRITORY BLVD

NAVJ-89, 2001

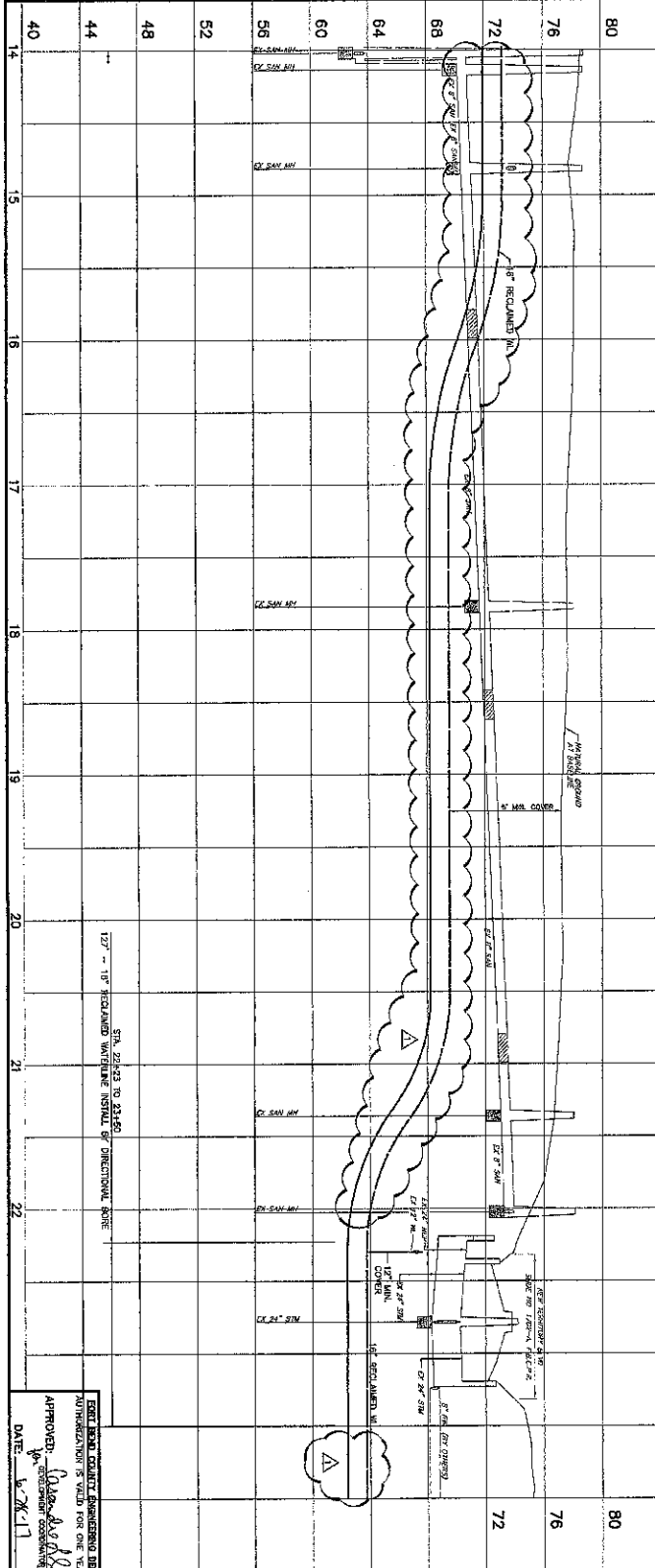
12 BOX CUT ON "B" INLET LOCATED ON THE WEST BOUND LANE OF NEW TERRITORY BLVD FLAP EASINGWAY AND SECOND INLET EAST OF JIC.

74. 41 FEET
HAYD-50. 2001

CORNER OF NEAL METRO PARKING LOT AT THE
OF
4000 LIND ON UNIVERSITY BLVD. KEY MAP PA

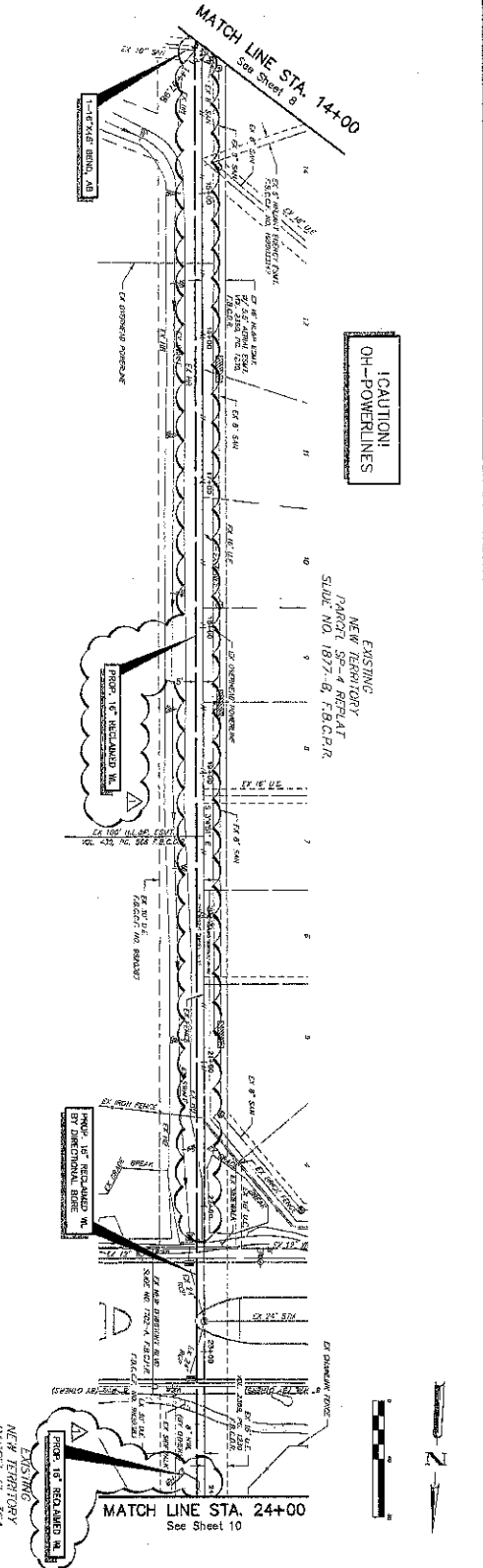
ADJACENT: REMINDER IS A BRASS DISK STAMP
 REMOVED AT THE SOUTHEAST CORNER OF LIFT 5

100

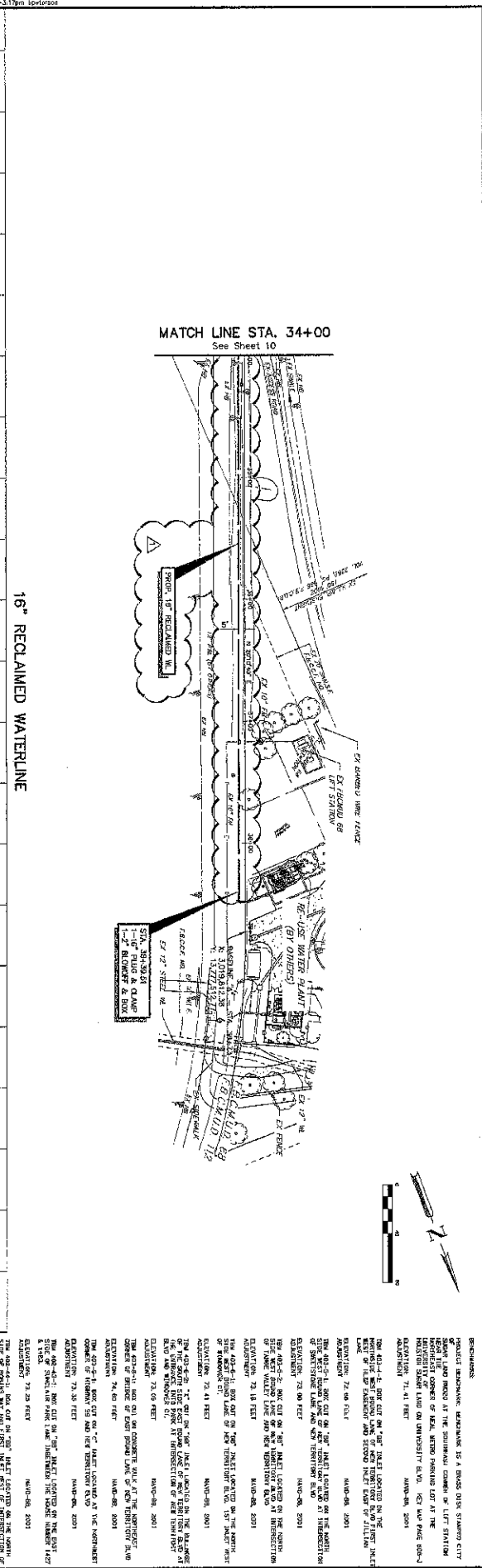
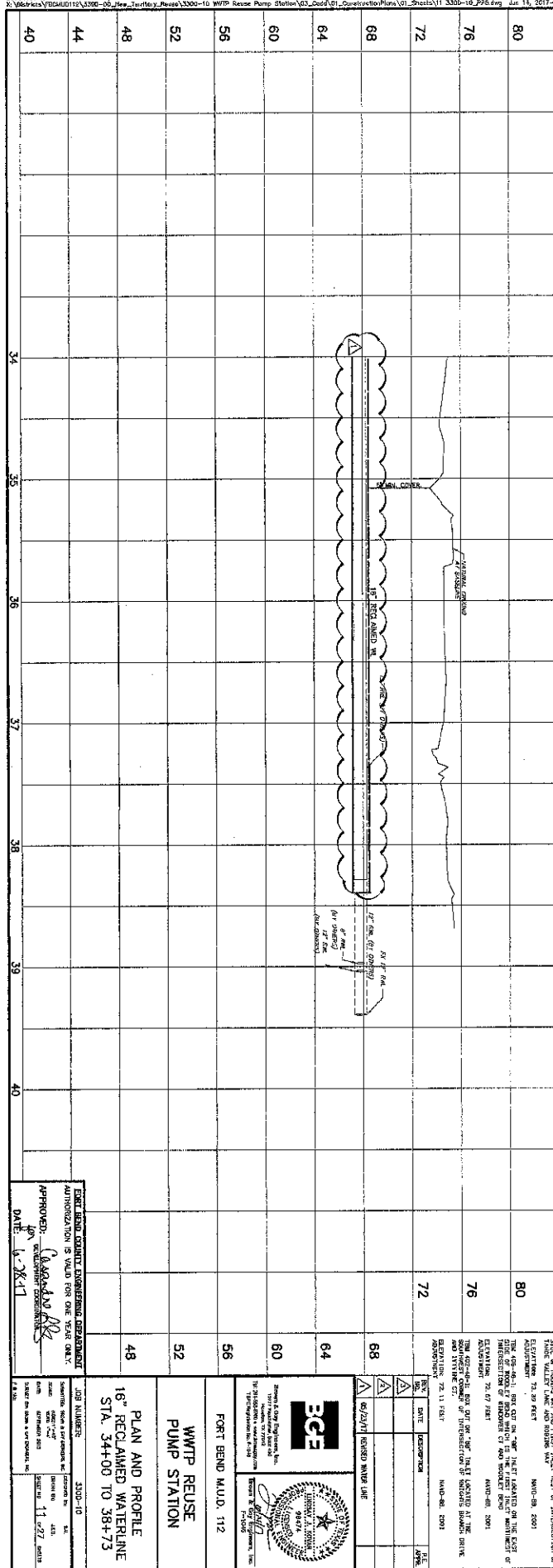


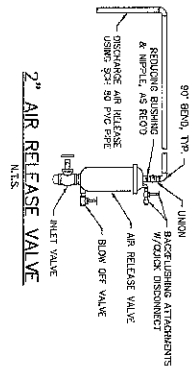
16" RECLAIMED WATERLINE

SLIDE NO. 1814-A, F.R.C.P.R.
 NEW TERRITORY
 PANEL 59-56A



<p>APPROVED: <i>[Signature]</i> DATE: 6/26/17</p>	<p>FOR THE COUNTY ENGINEERING DEPARTMENT NO. 1814-A, F.R.C.P.R. NEW TERRITORY PANEL 59-56A</p>	<p>16" RECLAIMED WATERLINE STA. 14+00 TO 24+00</p>	<p>PLAN AND PROFILE</p>	<p>16" RECLAIMED WATERLINE STA. 14+00 TO 24+00</p>	<p>16" RECLAIMED WATERLINE STA. 14+00 TO 24+00</p>	<p>16" RECLAIMED WATERLINE STA. 14+00 TO 24+00</p>	<p>16" RECLAIMED WATERLINE STA. 14+00 TO 24+00</p>	<p>16" RECLAIMED WATERLINE STA. 14+00 TO 24+00</p>	<p>16" RECLAIMED WATERLINE STA. 14+00 TO 24+00</p>	<p>16" RECLAIMED WATERLINE STA. 14+00 TO 24+00</p>	<p>16" RECLAIMED WATERLINE STA. 14+00 TO 24+00</p>	<p>16" RECLAIMED WATERLINE STA. 14+00 TO 24+00</p>	<p>16" RECLAIMED WATERLINE STA. 14+00 TO 24+00</p>	<p>16" RECLAIMED WATERLINE STA. 14+00 TO 24+00</p>
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TYPICAL CABLE HOLDER ASSY
 N.T.S.

SLEEVED SLAB PENETRATION
 N.T.S.

WET WELL WALL PENETRATION
 N.T.S.

AIR/VACUUM RELEASE VALVE ASSEMBLY FOR SANITARY FORCE MAIN DETAIL
 N.T.S.

DISCHARGE PIPING SUPPORT DETAIL
 N.T.S.

TYPICAL LOW PROFILE (PREFERRED) WET WELL VENTING INSTALLATION
 N.T.S.

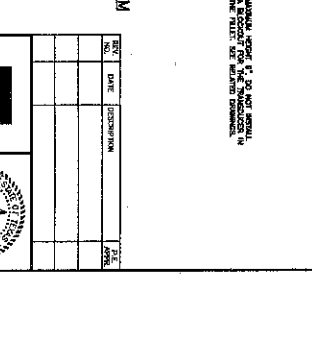
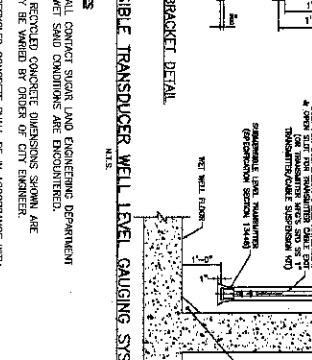
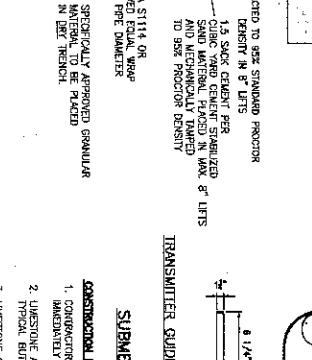
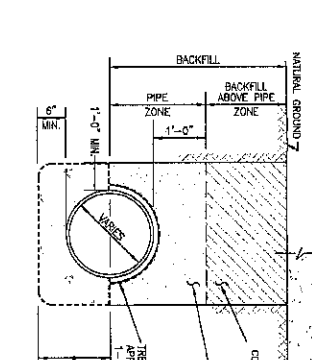
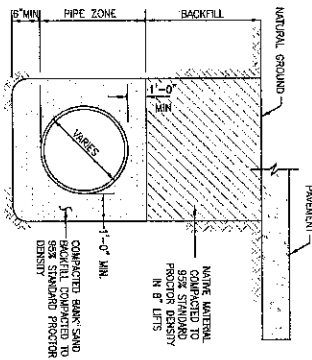
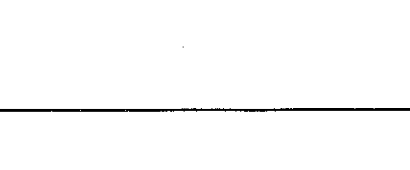
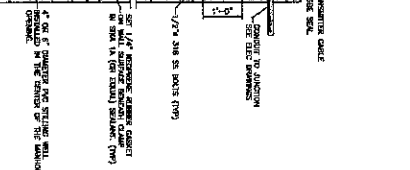
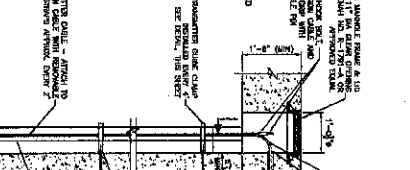
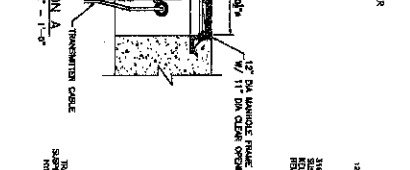
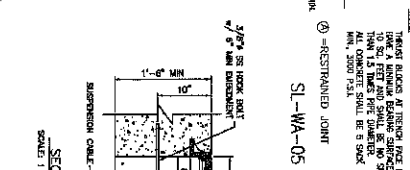
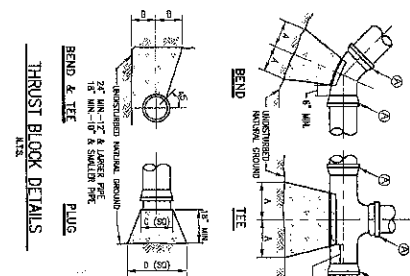
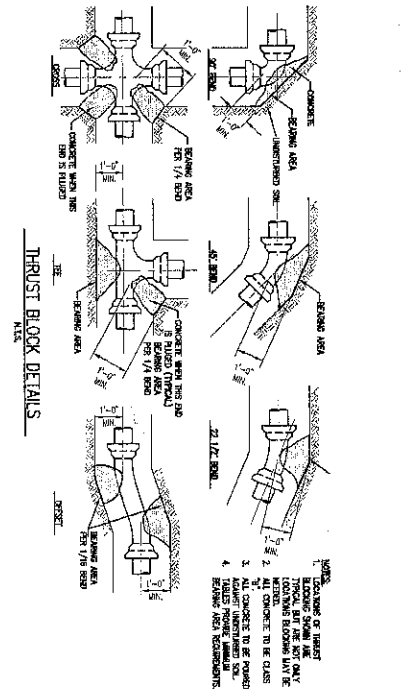
TYPICAL PIPE SUPPORT/THRUST BLOCK DETAILS
 N.T.S.

3/8\"/>

EXIST. BEND COUNT SHEETING REQUIRED
 APPROVED: *[Signature]*
 DATE: 6-7-17

MECHANICAL DETAILS
 FORT BEND M.U.D. 112
 WWP REUSE PUMP STATION

BCE
 BROWN & GAY ENGINEERS, INC.
 10000 W. 12th Ave., Suite 100, Denver, CO 80202
 303.755.3300 • Fax 303.755.3301 • www.brown-gay.com



**SANITARY FORCE MAIN & WATER LINE
 BEDDING AND BACKFILL**

**SANITARY SEWER
 BEDDING AND BACKFILL**

- CONSTRUCTION NOTES**
1. CONCRETE SHALL CONTACT SIGN AND ENGINEERING DEPARTMENT IMMEDIATELY IF WET SAND CONDITIONS ARE ENCOUNTERED.
 2. LUNESTONE AND RECYCLED CONCRETE DIMENSIONS SHALL BE TYPICAL BUT MAY BE VARY BY ORDER OF CITY ENGINEER.
 3. LUNESTONE OR RECYCLED CONCRETE SHALL BE IN ACCORDANCE WITH 100% STANDARD PROCTOR DENSITY.
 4. ALL BEDDING SHALL BE INSTALLED IN WET CONDITIONS. WHEN WILL BEING OR IN WET SAND CONDITIONS, SANITARY GROUND WATER (1) (7) BELOW BOTTOM OF TRENCH FOR A MINIMUM OF 24-HRS AFTER BEDDING AND BACKFILL IS IN PLACE.
 5. ALL MATERIALS SHALL BE FROM THE APPROVED PRODUCTS LIST UNLESS SPECIFICALLY APPROVED BY THE CITY ENGINEER.
 6. SANITARY SEWER BEDDING FOR WET SAND CONDITIONS SHALL BE AS PER MODIFIED 'A'.
 7. ALL SAND BEDDING FOR WATER LINES SHALL BE CLEAN MECHANICALLY COMPACTED BANK SAND.
 8. REFER TO UNIFORM DETAILS, SANITARY, C.S.S., GENERAL, WATER CROSSING.
 9. ALL BEDDING WILL BE COMPACTED TO 95% STANDARD PROCTOR DENSITY.
 10. A GEOTECHNICAL REPORT MAY BE REQUIRED TO ANALYZE THE BEARING CAPACITY OF EXISTING SOILS AND MAKE A DETERMINATION IF ADDITIONAL BEDDING AND BACKFILL IS APPROPRIATE.

FOR BEDDING CONTRACT ENGINEERING DEPARTMENT

APPROVED: *[Signature]*
 DATE: 11-15-15

BCE

**WWT REUSE
 PUMP STATION**

**MISCELLANEOUS DETAILS
 (SHEET 1 OF 2)**

FOR BEDDING M.U.D. 112

3300-10

13 OF 27

1. FORT BEND COUNTY CONSTRUCTION - GENERAL NOTES
2. FORT BEND COUNTY MUST BE LIMITED TO THE PRE-CONSTRUCTION MEETING.
3. CONTRACTOR SHALL NOTIFY FORT BEND COUNTY ENGINEERING DEPARTMENT TO ANY CONSTRUCTION ACTIVITY WITHIN THE LIMITS OF THE PAVING AT CONSTRUCTION@FORTBENDCOUNTY.GOV.
4. CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS REQUIRED FROM FORT BEND COUNTY ENGINEERING DEPARTMENT.
5. ALL PAVING IMPROVEMENTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH FORT BEND COUNTY "STREETS, SIDEWALKS AND DRIVEWAYS" REGULATIONS AND THE CURRENTLY ADOPTED ORDINANCES.
6. ALL ROAD WORKS CURB, PAVEMENT AND CURB ALIGNMENT SHOWN INDICATES BACK OF CURB.
7. A CONTINUOUS LONGITUDINAL REINFORCING BAR SHALL BE USED IN THE CURBS.
8. ALL CONCRETE PAVEMENT SHALL BE 5 1/2" SLAB CONCRETE WITH A MINIMUM COMPRESSIVE STRENGTH OF 3500 PSI AT 28 DAYS. MINIMUM CURE SHALL BE MAINTAINED AT LEAST 7 DAYS AFTER POURING AND AT A MINIMUM SPACING OF 40 FEET.
9. ALL WEATHER ACCESS TO ALL EXISTING STREETS AND DRIVEWAYS SHALL BE MAINTAINED AT ALL TIMES.
10. 4"x12" REINFORCED CONCRETE CURBS SHALL BE PLACED IN FRONT OF EXISTING CURBS.
11. 4"x12" REINFORCED CONCRETE CURBS SHALL BE 8" REINFORCED CONCRETE.
12. AT ALL INTERSECTION LOCATIONS, TYPE 7 STARS SHALL BE PLACED IN ACCORDANCE WITH TYPICAL FBC-12A STANDARD DETAIL SHEET.
13. ALL INTERSECTIONS AND CORNERS WITH EXISTING ADA COMPLIANT CURBS SHALL BE MAINTAINED.

NOTE: FORT BEND COUNTY NOTES SUPERSEDE ANY CONFLICTING NOTES.

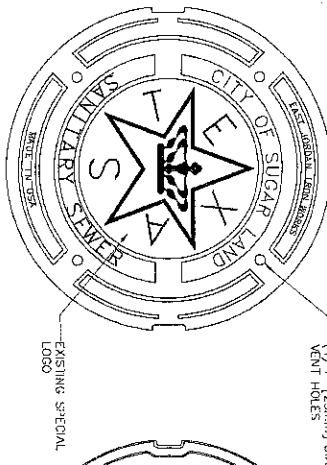
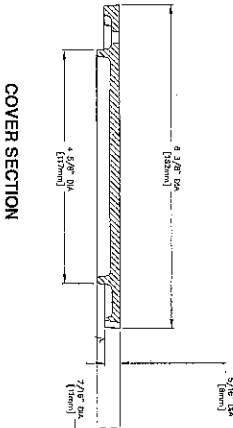
32" MANHOLE COVER

SL-SS-02

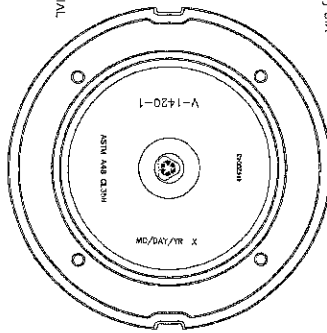
MACHINED SURFACE

DUCTILE IRON

EXIST: APPROX. FROM WORKS OF APPROVED ENGINEER



BOTTOM VIEW OF COVER



CONSTRUCTION NOTES FOR SIDEWALKS AND DRIVEWAYS			
1. REINFORCED DRIVEWAYS, SIDEWALKS, CURBS, UTILITY LIDS AND OTHER STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE FOLLOWING NOTES:			
2. DRIVEWAYS SHALL BE 12" THICK WITH 4" MINIMUM SLAB THICKNESS. SIDEWALKS SHALL BE 8" THICK WITH 4" MINIMUM SLAB THICKNESS. CURBS SHALL BE 12" THICK WITH 4" MINIMUM SLAB THICKNESS.			
3. DRIVEWAYS SHALL BE 12" THICK WITH 4" MINIMUM SLAB THICKNESS. SIDEWALKS SHALL BE 8" THICK WITH 4" MINIMUM SLAB THICKNESS. CURBS SHALL BE 12" THICK WITH 4" MINIMUM SLAB THICKNESS.			
4. DRIVEWAYS SHALL BE 12" THICK WITH 4" MINIMUM SLAB THICKNESS. SIDEWALKS SHALL BE 8" THICK WITH 4" MINIMUM SLAB THICKNESS. CURBS SHALL BE 12" THICK WITH 4" MINIMUM SLAB THICKNESS.			
5. DRIVEWAYS SHALL BE 12" THICK WITH 4" MINIMUM SLAB THICKNESS. SIDEWALKS SHALL BE 8" THICK WITH 4" MINIMUM SLAB THICKNESS. CURBS SHALL BE 12" THICK WITH 4" MINIMUM SLAB THICKNESS.			
6. DRIVEWAYS SHALL BE 12" THICK WITH 4" MINIMUM SLAB THICKNESS. SIDEWALKS SHALL BE 8" THICK WITH 4" MINIMUM SLAB THICKNESS. CURBS SHALL BE 12" THICK WITH 4" MINIMUM SLAB THICKNESS.			
7. DRIVEWAYS SHALL BE 12" THICK WITH 4" MINIMUM SLAB THICKNESS. SIDEWALKS SHALL BE 8" THICK WITH 4" MINIMUM SLAB THICKNESS. CURBS SHALL BE 12" THICK WITH 4" MINIMUM SLAB THICKNESS.			
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SIDEWALKS AND DRIVEWAYS ON CURB TYPE STREETS			
1. SIDEWALKS SHALL BE 8" THICK WITH 4" MINIMUM SLAB THICKNESS. DRIVEWAYS SHALL BE 12" THICK WITH 4" MINIMUM SLAB THICKNESS.			
2. SIDEWALKS SHALL BE 8" THICK WITH 4" MINIMUM SLAB THICKNESS. DRIVEWAYS SHALL BE 12" THICK WITH 4" MINIMUM SLAB THICKNESS.			
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FORT BEND COUNTY ENGINEERING DEPARTMENT	
APPROVED BY: <i>[Signature]</i>	DATE: 6-28-17
DESIGNED BY: <i>[Signature]</i>	DATE: 6-28-17

MISCELLANEOUS DETAILS
 (SHEET 2 OF 2)

WWP REUSE
 PUMP STATION

FORT BEND M.U.D. 112



NO.	DATE	DESCRIPTION	BY	CHK
1				
2				
3				

HYPER-CHLORINATED WATER NOTICES

- [illegible]

DEBITS AND TRASH NOTES

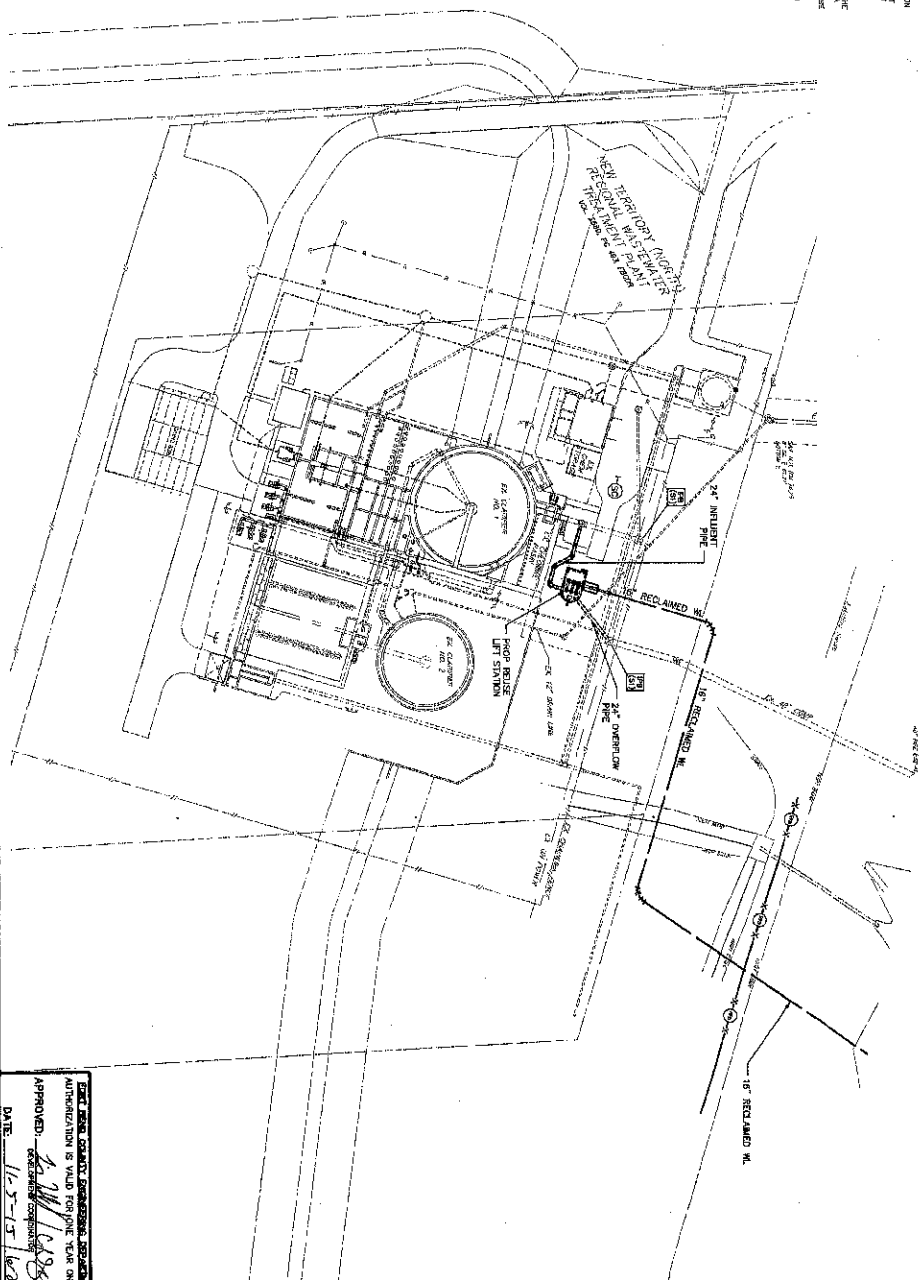
- [illegible]

SPILL AND LEAK RESPONSE NOTES

- [illegible]

LEGEND

- PROPOSED STONE STONE LINE, MANHOLE AND B-B LISTS—
EXISTING STONE STONE LINE, MANHOLE AND B-B LISTS—
MILET PRODUCTION BARRIER FOR STAGE 1 (MILETS) (see spec. sec. 4-51)
MILET PRODUCTION BARRIER FOR STAGE 2 (MILETS) (see spec. 4-51)
HYDRO-BOAST REPAIRS (see spec. sec. 4-51)
FLYER FABRIC PLATE (see spec. sec. 4-51)
REINFORCED FLAYER FABRIC BARRIER (see spec. sec. 4-51)
STANDARDIZED CONSTRUCTION AREA (see spec. sec. 4-51)
CONCRETE TRUCK WASHOUT AREA—
FLAYER DRAIN—



EXPIRATION DATE: 06/30/2006
 AUTHORIZATION IS VALID FOR ONE YEAR ONLY.
 APPROVED: 10/11/05
 DEPT. CHIEF / COORDINATOR
 DATE: 11-5-15 10/28

JOB NUMBER	3300-10	
SUBMITTER'S NAME & JOB SUBMITTER'S NO.	DECEASED SPT.	R.M.
GRANTEE	DONALD P.T.	A.E.A.
DATE OF DEATH	SEPTEMBER 20, 1978	
REPORTED BY (NAME & JOB SUBMITTER'S NO.)	WAGNER NO. 15 OF 27 SHEETS	

STORM WATER POLLUTION
PREVENTION PLAN

WWTP REUSE
PUMP STATION


Brown & Gay Engineers, Inc.
2027 Robinson Lane 400
Hayward, CA 94545
Tel. 215-252-2200 • Fax 215-252-2201
TELEFAX 215-252-2201

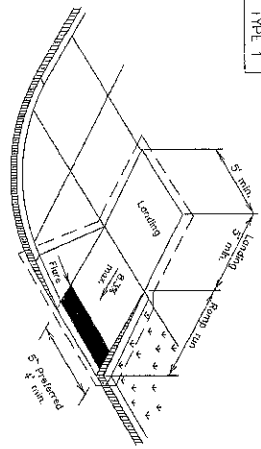


BGE

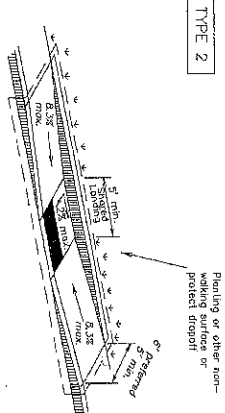
STATE OF TEXAS
JANUARY 1, 1987
SIXTY-SEVEN

REV NO.	DATE	DESCRIPTION	W ATT

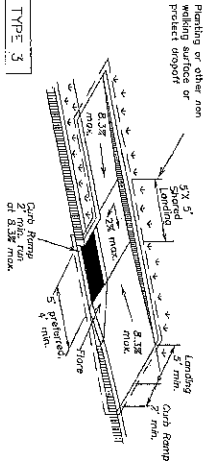
<p>CONTROL DEVICES IE OR EJECT 500</p>	 <p>6 IN. TOP OF OF SL FENCE</p>	<p>3501 COUNTY BROADWAY, LOS ANGELES LOS ANGELES 12, CALIF.</p> <p>RECEIVED: 11-5-57 11:20 AM FEDERAL BUREAU OF INVESTIGATION</p>	<p>6 IN. TOP OF OF SL FENCE</p>
<p>3501 COUNTY BROADWAY, LOS ANGELES LOS ANGELES 12, CALIF.</p> <p>RECEIVED: 11-5-57 11:20 AM FEDERAL BUREAU OF INVESTIGATION</p>	<p>6 IN. TOP OF OF SL FENCE</p>	<p>3501 COUNTY BROADWAY, LOS ANGELES LOS ANGELES 12, CALIF.</p> <p>RECEIVED: 11-5-57 11:20 AM FEDERAL BUREAU OF INVESTIGATION</p>	<p>6 IN. TOP OF OF SL FENCE</p>



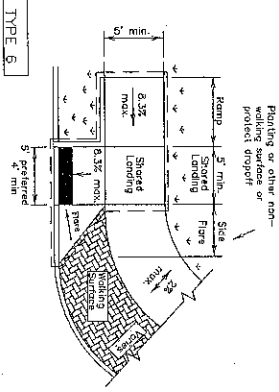
PERPENDICULAR CURB RAMP



PARALLEL CURB RAMP
(Use only where water will not pond in the landing.)

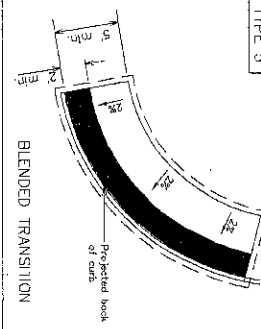


TYPE 3

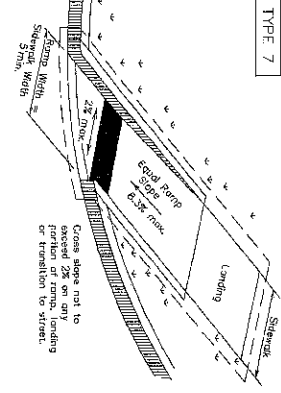


TYPE 6

COMBINATION CURB RAMPS

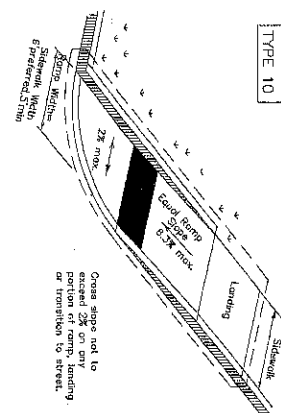


BLENDED TRANSITION



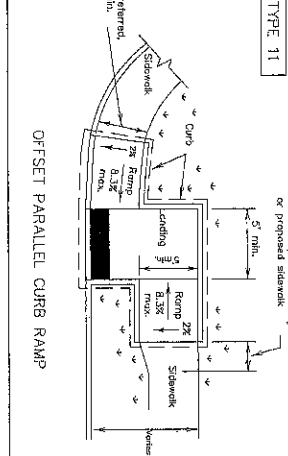
TYPE 7

DIRECTIONAL RAMPS WITHIN RADIUS
(Sidewalk set back from curb)



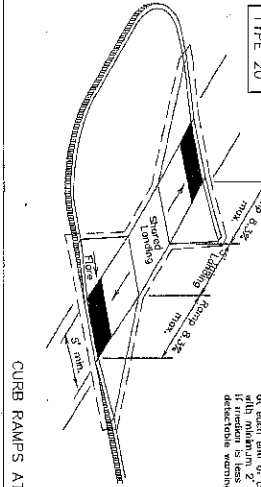
TYPE 10

(Sidewalk adjacent to curb)

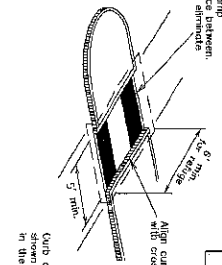


TYPE 11

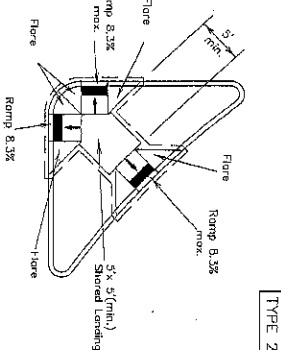
OFFSET PARALLEL CURB RAMP



CURB RAMPS AT MEDIAN ISLANDS



TYPE 21



TYPE 22

COMBINATION ISLAND RAMPS

NOTES / LEGEND:

- See General Notes on sheet 2 of 4 for more information.
- Denotes planting or landscaping.
- Denotes working surface.
- Denotes ramp limits of payment.
- Denotes detectable warning surface.



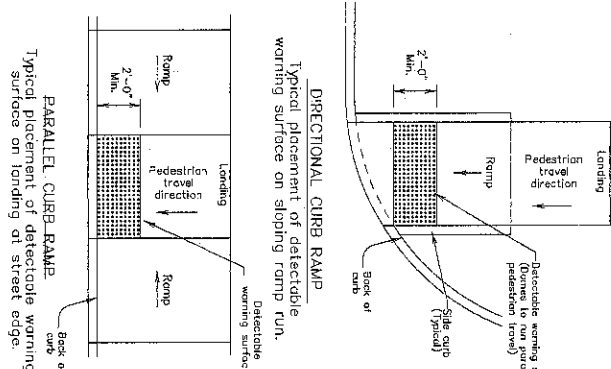
6/28/17

Texas Department of Transportation			
Division			
Standard			
PEDESTRIAN FACILITIES			
CURB RAMPS			
PED-12A			
REV	DESCRIPTION	DATE	BY
1	Initial	12/12/12	12/12/12
2	Revised	12/12/12	12/12/12
3	Revised	12/12/12	12/12/12
4	Revised	12/12/12	12/12/12
5	Revised	12/12/12	12/12/12
6	Revised	12/12/12	12/12/12
7	Revised	12/12/12	12/12/12
8	Revised	12/12/12	12/12/12
9	Revised	12/12/12	12/12/12
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23	Revised	12/12/12	12/12/12
24	Revised	12/12/12	12/12/12
25	Revised	12/12/12	12/12/12
26	Revised	12/12/12	12/12/12
27	Revised	12/12/12	12/12/12

General Notes

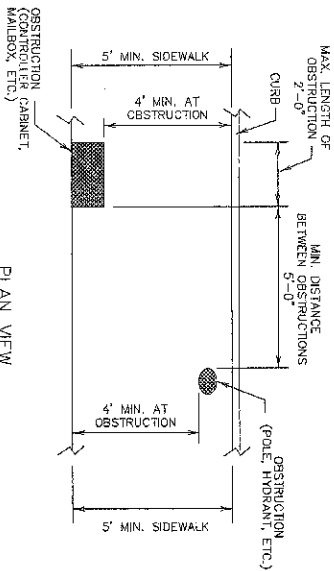
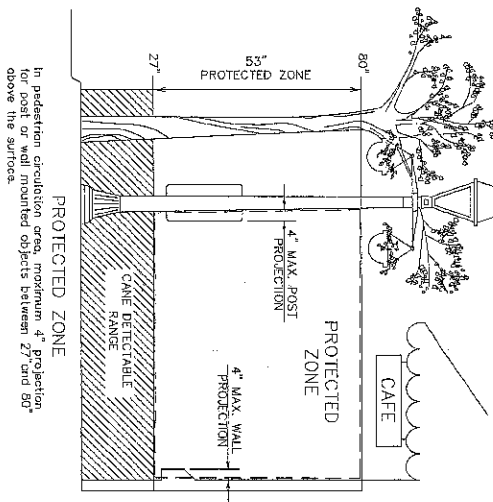
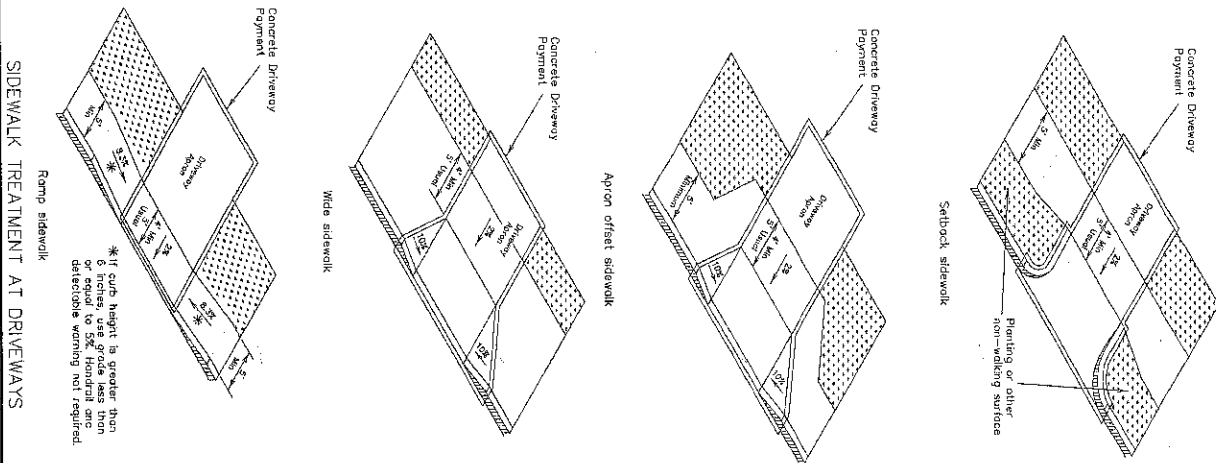
24. F
L
25. L
e
- Sidewalks

DETECTABLE WARNINGS



- | | | | |
|---|--------------|------------|-------------|
| | | | |
| Texas Department of Transportation
Division Superintendent | | | |
| PEDESTRIAN FACILITIES
CURB RAMPS | | | |
| PED-12A | | | |
| TITLE | PROJECT NAME | COUNTY | DISTRICT |
| (S) ADT | KINGS 2002 | | |
| REVISIONS | | | |
| DATE | BY | CHKD BY | IN CH. |
| APR 13, 2012 | | JAYD-10 | |
| | | CHECKED BY | SUBMIT NAME |
| 112 | | POST BEND | 18 OF 2 |

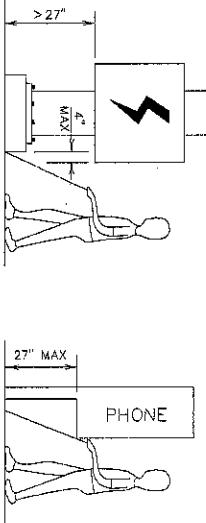
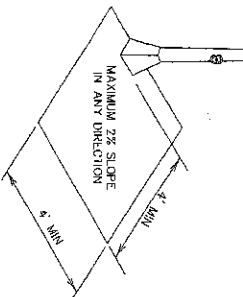
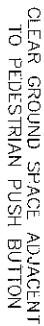
DISCLAIMER: The use of this standard is governed by the "Texas Engineering Practice Act". No warranty of any kind is made by TxDOT for any purpose whatsoever. TxDOT assumes no responsibility for the conversion of this standard to other formats or for incorrect results or damages resulting from its use. FILED: \\Fs1\Districts\FRCMID112\3300--00 New Territory Reuse\3300-10 WYTP\03_Cadd\01_ConstructionPlans\01_Sheets\19 3300-10_TxDOT\



PLAN VIEW

PLACEMENT OF STREET FIXTURES

(ITEMS NOT INTENDED FOR PUBLIC USE.
MINIMUM 4' x 4' CLEAR GROUND SPACE
REQUIRED AT PUBLIC USE FIXTURES.)



When an obstruction of a height greater than 27" from the surface would create a protrusion of more than 4" into the pedestrian circulation area, construct additional curb or foundation at the bottom to provide a maximum 4" overhang.

DETECTION BARRIER FOR
VERTICAL CLEARANCE >80"

SHEET 3 OF 4



PEDESTRIAN FACILITIES

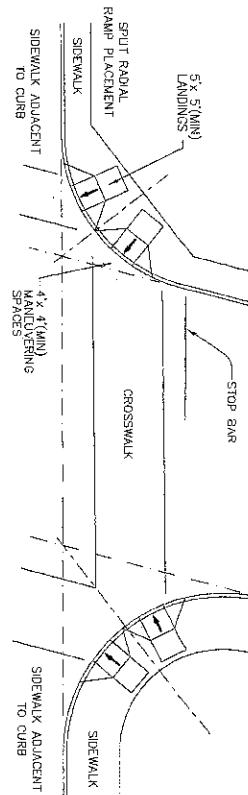
CURB RAMPS

PED-12A

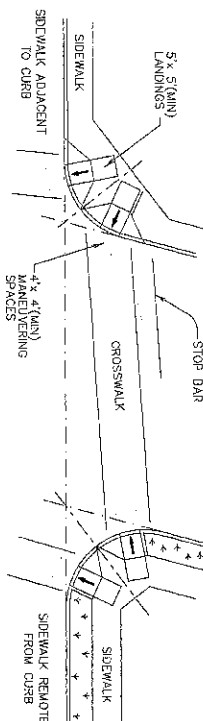


NAME	goodman, dora	BIRTH DATE	09 JUL 1907	SSN NO.
DOB	MARCH 2002	EXP PK		
RECORDS		INVEST		
PR JUNE 13, 2012		AGE		
		DOBT	3300-10	
		CERTIFY		
		SHEET NO.		
		FORT BAND	19 OF 27	

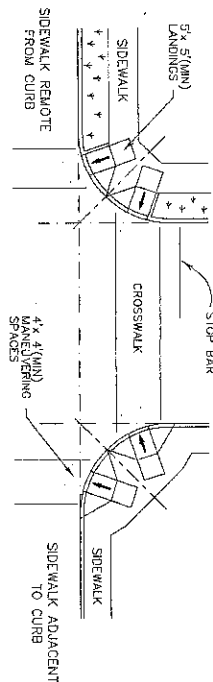
SKewed Intersection with "Large" Radius



Skewed Intersection with "Small" Radius

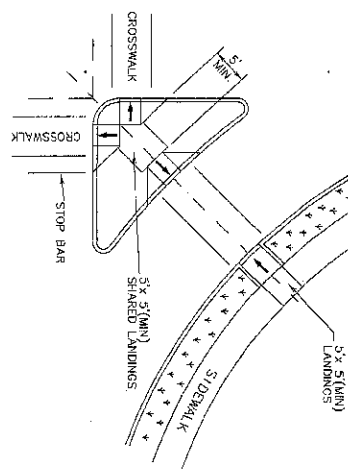


Normal Intersection with "Small" Radius

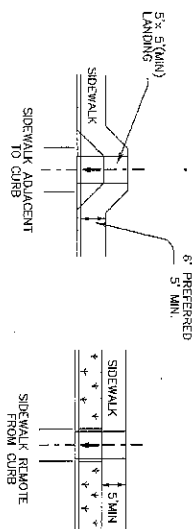


TYPICAL CROSSING LAYOUTS

AT Intersection
w/Free Right Turn & Island

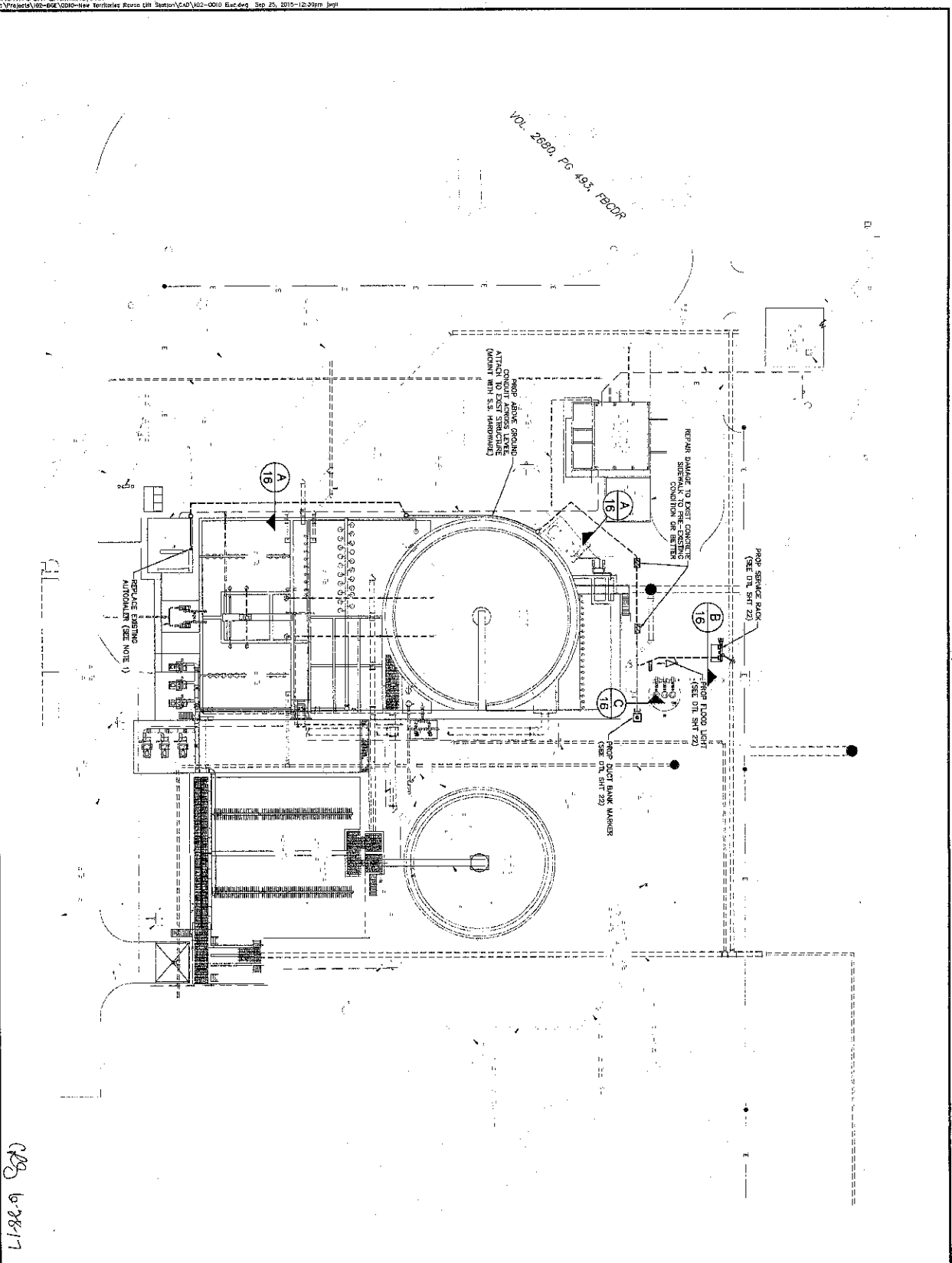


MID-BLOCK PLACEMENT
- PERPENDICULAR RAMPS



TxDOT Texas Department of Transportation Design Division	
SHEET 4 OF 4	
PEDESTRIAN FACILITIES CURB RAMPS	
PED-12A	
DATE: 12/12/11 BY: [Signature] CHECKED: [Signature] DESIGNED: [Signature]	PROJECT: [Blank] SHEET: 4 OF 4 DATE: 12/12/11 BY: [Signature] CHECKED: [Signature] DESIGNED: [Signature]

VOL. 2080, PG. 493, RECOR



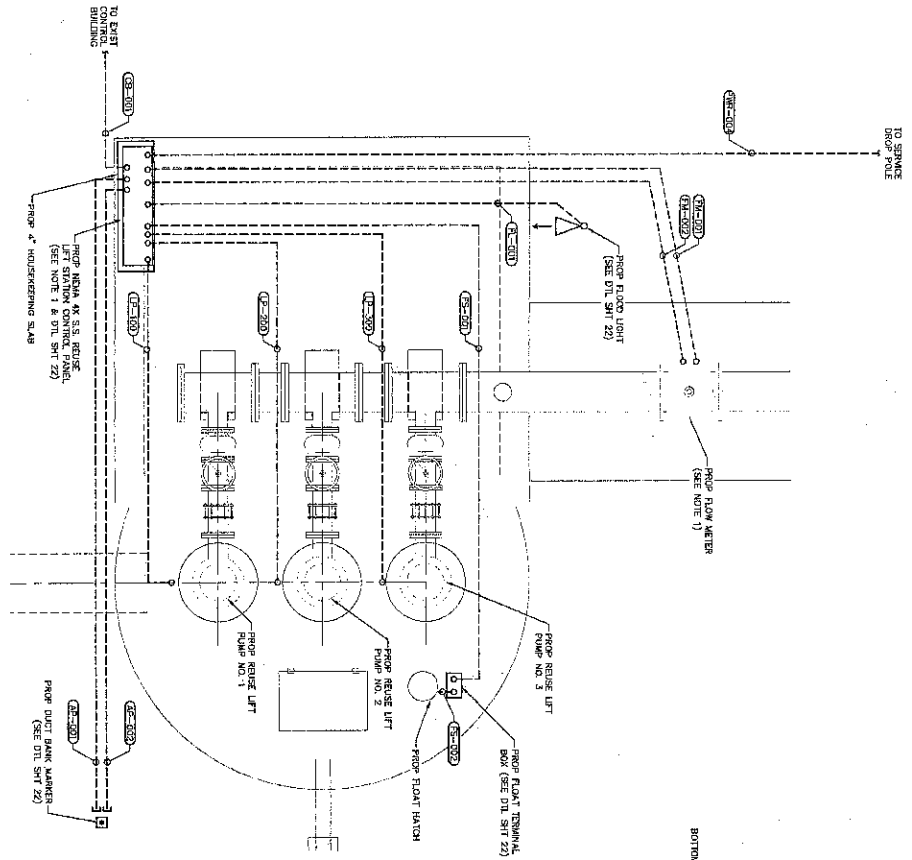
100 6-28-17

- NOTES**
1. REPLACE EXISTING AUTOMETER WITH A NEW AUTOMETER. THE AUTOMETER SHALL BE INSTALLED IN THE EXISTING AUTOMETER ALARM AND EXISTING ALARMS TO PROPOSED AUTOMETER.
 2. REPAIR EXISTING STRUCTURES TO EXISTING CONDITION OR BETTER. REPAIR DAMAGE TO EXISTING STRUCTURES TO EXISTING CONDITION OR BETTER.

<p>BC&E</p> <p>BARD & GILROY</p> <p>11201 11201 11201</p>	<p>FOR BEND M.I.D. 112</p> <p>WWP REUSE PUMP STATION</p> <p>ELECTRICAL SITE PLAN</p>	<p>DATE 11/2/2015</p> <p>DESCRIPTION ELECTRICAL SITE PLAN</p> <p>BY JG</p> <p>CHECKED JG</p> <p>APPROVED JG</p>
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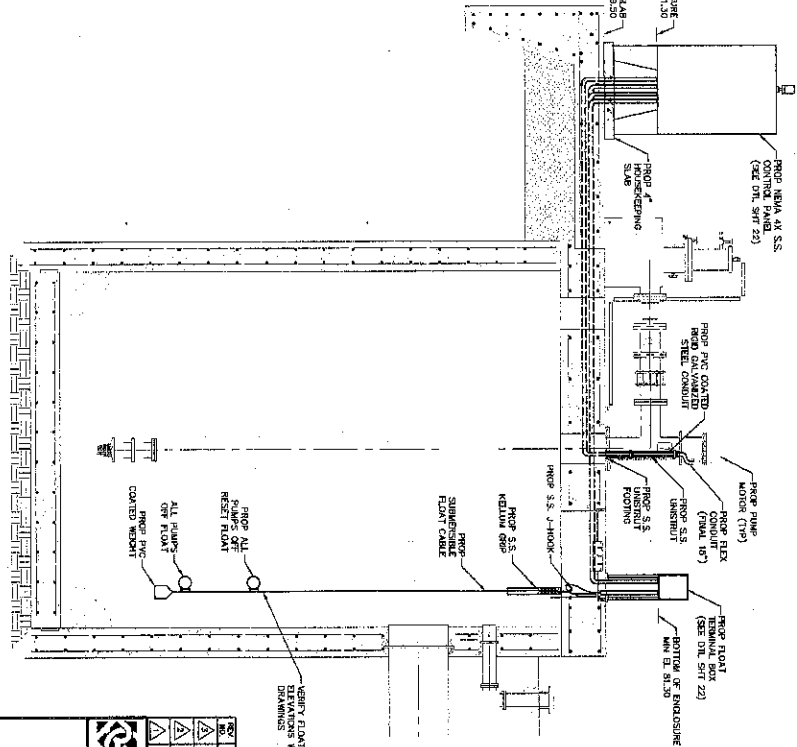
RE-USE LIFT STATION ELECTRICAL PLAN

SCALE: 1" = 2'-0"



RE-USE LIFT STATION WET WELL PROFILE

SCALE: 1" = 2'-0"



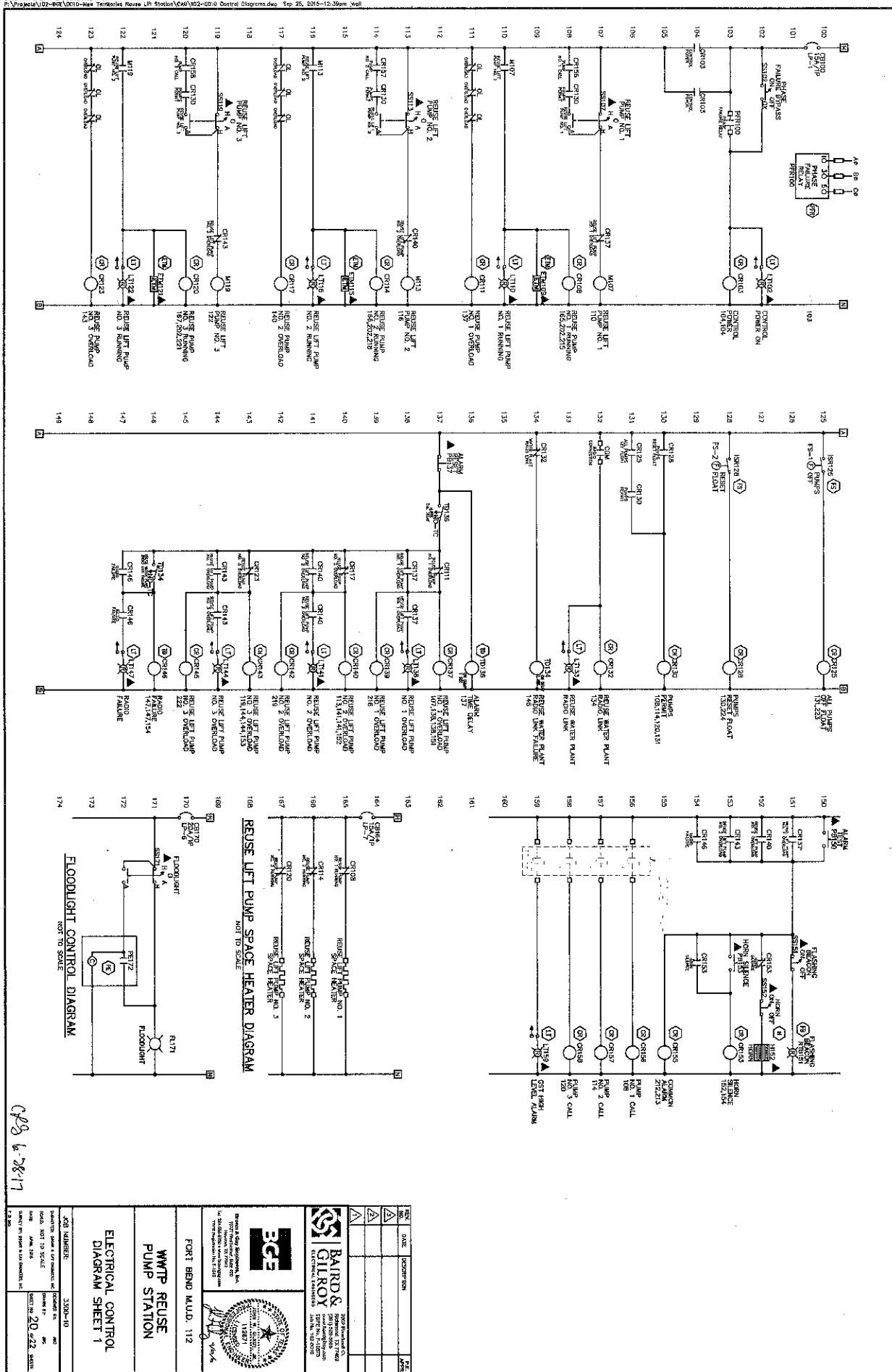
- NOTES
1. PROGRAM VIDEO DATA LOGGER INSTALLED IN REUSE LIFT STATION WET WELL TO MONITOR DECELERATE FLOW METERS 4-50WV FLOW SIGNAL.

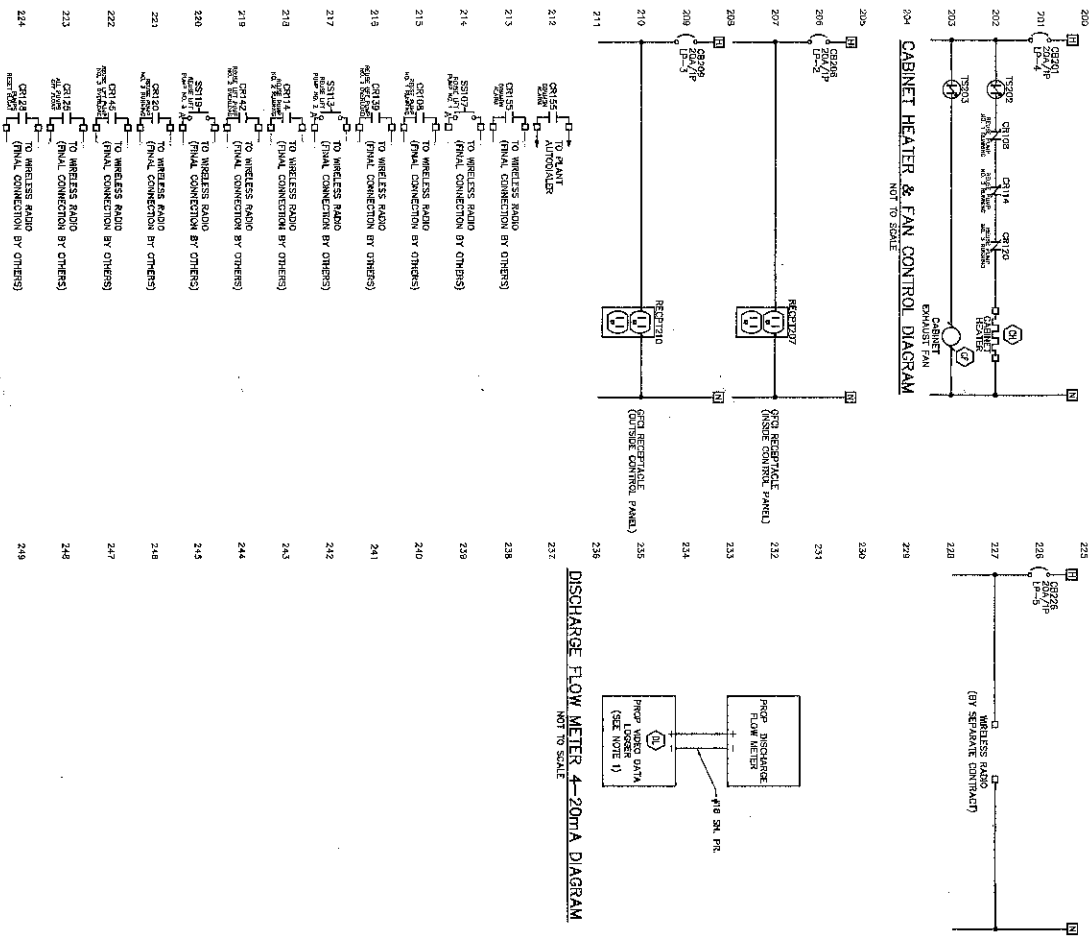
649 6-28-17

NO.	DATE	DESCRIPTION	BY	CHECKED
1	09/25/15	ISSUED FOR CONSTRUCTION	W. GAY	W. GAY
2	10/01/15	REVISED FOR PUMP NO. 3	W. GAY	W. GAY
3	10/01/15	REVISED FOR PUMP NO. 2	W. GAY	W. GAY
4	10/01/15	REVISED FOR PUMP NO. 1	W. GAY	W. GAY

Brown & Gay Engineers, Inc. 11111 Highway 101, Suite 100 Fort Bend, TX 77429 Tel: 281-291-1111 Fax: 281-291-1112 www.brownandgay.com		BAIRD & GIBSON 11111 Highway 101, Suite 100 Fort Bend, TX 77429 Tel: 281-291-1111 Fax: 281-291-1112 www.bairdandgibson.com	

PROJECT: FORT BEND W.U.D. 112 DRAWING: WWP REUSE PUMP STATION ELECTRICAL REUSE LIFT STATION PLAN JOB NUMBER: 3500-10 DATE: 09/25/15 DRAWN BY: W. GAY CHECKED BY: W. GAY SCALE: 1" = 2'-0" SHEET NO. 19 OF 22	
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NOTES:
 1. PROGRAM WIND DATA LOGGING INSTALLED IN CONTROL PANEL TO LOG AND TOTALIZE DISCHARGE FLOW METERS 4-20MA FLOW SIGNAL.

CHG 6-28-17

REV	DATE	DESCRIPTION	BY
1			
2			
3			
4			

BCE

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FOR FORT BEND MUD. 112

WWTP REUSE PUMP STATION

ELECTRICAL CONTROL DIAGRAM SHEET 2

DESIGN NUMBER: 3300-10

DATE: 09/26/15

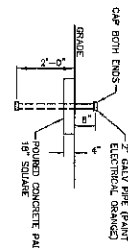
SCALE: 1/8" = 1'-0"

BY: JRD

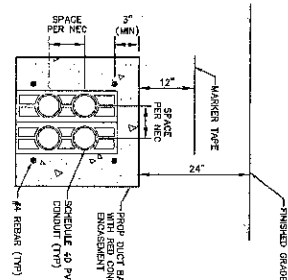
CHECKED BY: JRD

PROJECT NO: 02-822

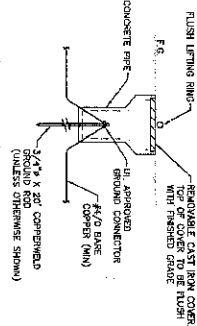
SHEET NO: 21 OF 22



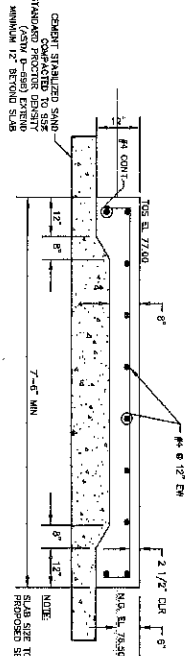
DUCT BANK MARKER DETAIL
 NOT TO SCALE



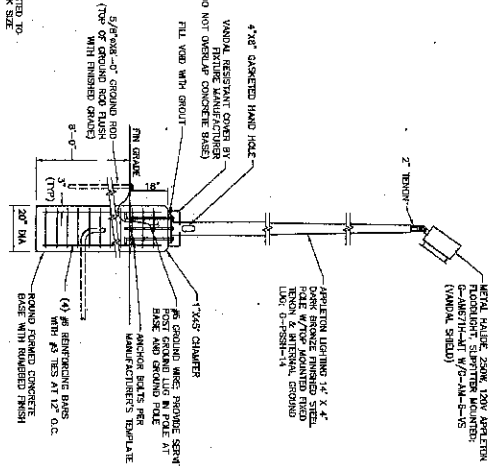
TYPICAL DUCT BANK CONSTRUCTION
 NOT TO SCALE



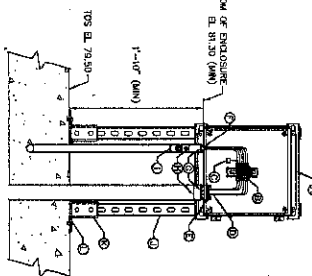
GROUND WELL DETAIL
 NOT TO SCALE



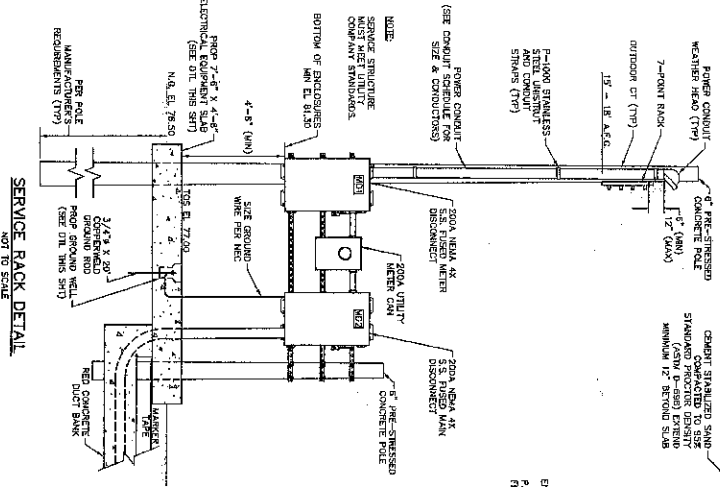
ELECTRICAL EQUIPMENT SLAB DETAIL
 NOT TO SCALE



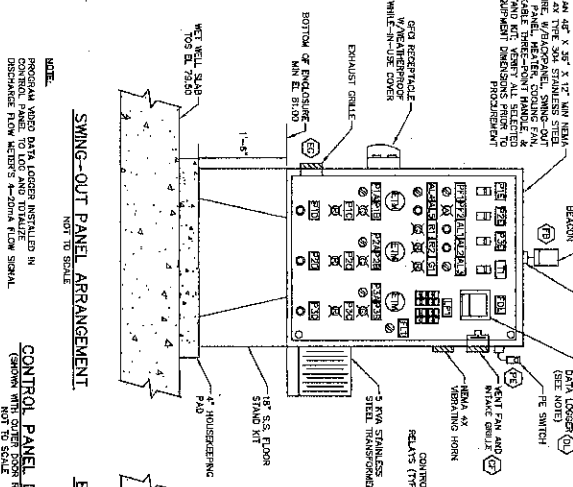
FLOODLIGHT POLE DETAIL
 NOT TO SCALE



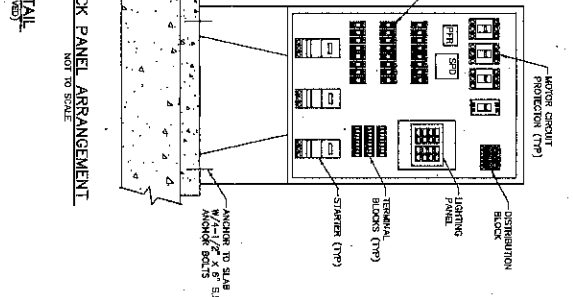
FLOAT TERMINAL BOX DETAIL
 NOT TO SCALE



SERVICE BACK DETAIL
 NOT TO SCALE



SHING-OUT PANEL ARRANGEMENT
 NOT TO SCALE



BACK PANEL ARRANGEMENT
 NOT TO SCALE

NAME/PLATE SCHEDULE

NO.	DESCRIPTION
1	ALUMINUM
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99	ALUMINUM
100	ALUMINUM

WMP REUSE PUMP STATION

ELECTRICAL DETAILS

PORT BEND A.U.D. 112

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3000-10

22 272