

By: _____
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

☐

Right of Way Permit

☒

Commercial Driveway Permit

Permit No: 2018-18974

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:

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- 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 No: _____

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.

Rich J. Staigle, PE, PTOE

Permit Administrator

3/23/2018

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)**

Grand Vista Section 21
(PO 27060) obo FBCMUD No. 30

BOND NO. [REDACTED]

THE STATE OF TEXAS

KNOW ALL MEN BY THESE PRESENTS:

COUNTY OF FORT BEND

THAT WE, Lischka Utilities, LP whose (address, phone) is P.O. Box 853
Bellville, TX 77418, 979-865-5941 Texas, hereinafter called the Principal, and Fidelity and Deposit Company of Maryland,
a Corporation existing under and by virtue of the laws of the state of MD and authorized to do an indemnifying business
in the state of Texas, and whose principal office is located at (name/address/phone) Fidelity and Deposit Company of Maryland
1299 Zurich Way, 5th Floor, Schaumburg, IL 60196-1056 (847) 605-6000 whose officer
residing in the State of Texas, authorized to accept service in all suits and actions brought whining said state is
Tracey Lee Haley and whose address is 15303 Dallas Parkway, Suite 800, Addison, TX 75001
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 and 00/100 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 day 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;

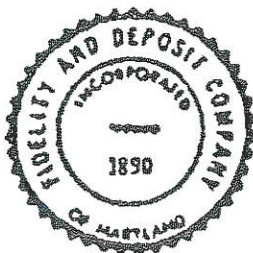
AND WHEREAS, the principal desires to provide Fort Bend County with a performance bond covering all such cable,
conduit and/or pole line activity, commercial driveway and median Openings or modifications;

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 shaft 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 26th day of February, 2018



Lischka Utilities, LP

PRINCIPAL

BY

Fidelity and Deposit Company of Maryland

SURETY

Danielle D Johnson
BY Danielle D Johnson, Attorney-in-Fact

EXTRACT FROM BY-LAWS OF THE COMPANIES

"Article V, Section 8, Attorneys-in-Fact. The Chief Executive Officer, the President, or any Executive Vice President or Vice President may, by written instrument under the attested corporate seal, appoint attorneys-in-fact with authority to execute bonds, policies, recognizances, stipulations, undertakings, or other like instruments on behalf of the Company, and may authorize any officer or any such attorney-in-fact to affix the corporate seal thereto; and may with or without cause modify or revoke any such appointment or authority at any time."

CERTIFICATE

I, the undersigned, Vice President of the ZURICH AMERICAN INSURANCE COMPANY, the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, and the FIDELITY AND DEPOSIT COMPANY OF MARYLAND, do hereby certify that the foregoing Power of Attorney is still in full force and effect on the date of this certificate; and I do further certify that Article V, Section 8, of the By-Laws of the Companies is still in force.

This Power of Attorney and Certificate may be signed by facsimile under and by authority of the following resolution of the Board of Directors of the ZURICH AMERICAN INSURANCE COMPANY at a meeting duly called and held on the 15th day of December 1998.

RESOLVED: "That the signature of the President or a Vice President and the attesting signature of a Secretary or an Assistant Secretary and the Seal of the Company may be affixed by facsimile on any Power of Attorney...Any such Power or any certificate thereof bearing such facsimile signature and seal shall be valid and binding on the Company."

This Power of Attorney and Certificate may be signed by facsimile under and by authority of the following resolution of the Board of Directors of the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY at a meeting duly called and held on the 5th day of May, 1994, and the following resolution of the Board of Directors of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND at a meeting duly called and held on the 10th day of May, 1990.

RESOLVED: "That the facsimile or mechanically reproduced seal of the company and facsimile or mechanically reproduced signature of any Vice-President, Secretary, or Assistant Secretary of the Company, whether made heretofore or hereafter, wherever appearing upon a certified copy of any power of attorney issued by the Company, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed the corporate seals of the said Companies,
this 26th day of February, 2018.



Gerald F. Haley

Gerald F. Haley, Vice President

TO REPORT A CLAIM WITH REGARD TO A SURETY BOND, PLEASE SUBMIT ALL REQUIRED INFORMATION TO:

Zurich American Insurance Co.
Attn: Surety Claims
1299 Zurich Way
Schaumburg, IL 60196-1056

Bond Number [REDACTED]

Obligee: Fort Bend County, Robert E. Hebert, County Judge

**ZURICH AMERICAN INSURANCE COMPANY
COLONIAL AMERICAN CASUALTY AND SURETY COMPANY
FIDELITY AND DEPOSIT COMPANY OF MARYLAND
POWER OF ATTORNEY**

KNOW ALL MEN BY THESE PRESENTS: That the ZURICH AMERICAN INSURANCE COMPANY, a corporation of the State of New York, the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, a corporation of the State of Maryland, and the FIDELITY AND DEPOSIT COMPANY OF MARYLAND a corporation of the State of Maryland (herein collectively called the "Companies"), by **Michael P. Bond, Vice President**, in pursuance of authority granted by Article V, Section 8, of the By-Laws of said Companies, which are set forth on the reverse side hereof and are hereby certified to be in full force and effect on the date hereof, do hereby nominate, constitute, and appoint **Danielle D Johnson**, its true and lawful agent and Attorney-in-Fact, to make, execute, seal and deliver, for, and on its behalf as surety, and as its act and deed: **any and all bonds and undertakings**, and the execution of such bonds or undertakings in pursuance of these presents, shall be as binding upon said Companies, as fully and amply, to all intents and purposes, as if they had been duly executed and acknowledged by the regularly elected officers of the ZURICH AMERICAN INSURANCE COMPANY at its office in New York, New York, the regularly elected officers of the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY at its office in Owings Mills, Maryland, and the regularly elected officers of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND at its office in Owings Mills, Maryland, in their own proper persons.

The said Vice President does hereby certify that the extract set forth on the reverse side hereof is a true copy of Article V, Section 8, of the By-Laws of said Companies, and is now in force.

IN WITNESS WHEREOF, the said Vice-President has hereunto subscribed his/her names and affixed the Corporate Seals of the said ZURICH AMERICAN INSURANCE COMPANY, COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, and FIDELITY AND DEPOSIT COMPANY OF MARYLAND, this 22nd day of July, A.D. 2015.

ATTEST:
ZURICH AMERICAN INSURANCE COMPANY
COLONIAL AMERICAN CASUALTY AND SURETY COMPANY
FIDELITY AND DEPOSIT COMPANY OF MARYLAND

Michael P. Bond

By: *Michael P. Bond*
Vice President



Eric D. Barnes

By: *Eric D. Barnes*
Secretary

State of Maryland
County of Baltimore

On this 22nd day of July, A.D. 2015, before the subscriber, a Notary Public of the State of Maryland, duly commissioned and qualified, **Michael P. Bond, Vice President and Eric D. Barnes, Secretary** of the Companies, to me personally known to be the individuals and officers described in and who executed the preceding instrument, and acknowledged the execution of same, and being by me duly sworn, depose and saith, that he/she is the said officer of the Company aforesaid, and that the seals affixed to the preceding instrument are the Corporate Seals of said Companies, and that the said Corporate Seals and the signature as such officer were duly affixed and subscribed to the said instrument by the authority and direction of the said Corporations.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my Official Seal the day and year first above written.

Constance A. Dunn

Constance A. Dunn, Notary Public
My Commission Expires: July 9, 2019



Disclosure Statement



NOTICE OF DISCLOSURE FOR AGENT & BROKER COMPENSATION

If you want to learn more about the compensation Zurich pays agents and brokers visit:

<http://www.zurichnaproducercompensation.com>

or call the following toll-free number: (866) 903-1192.

This Notice is provided on behalf of Zurich American Insurance Company
and its underwriting subsidiaries.



Texas Important Notice

IMPORTANT NOTICE

To obtain information or make a complaint:

You may call Zurich North America's toll-free telephone number for information or to make a complaint at:

1-800-382-2150

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:

P.O. Box 149104

Austin, TX 78714-9104

Fax: (512) 490-1007

Web: www.tdi.texas.gov

E-mail: ConsumerProtection@tdi.texas.gov

PREMIUM OR CLAIM DISPUTES:

Should you have a dispute concerning your premium or about a claim, you should contact the company 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.

AVISO IMPORTANTE

Para obtener información o para presentar una queja:

Usted puede llamar al número de teléfono gratuito de Zurich North America's para obtener información o para presentar una queja al:

1-800-382-2150

Usted puede comunicarse con el Departamento de Seguros de Texas para obtener información sobre compañías, coberturas, derechos, o quejas al:

1-800-252-3439

Usted puede escribir al Departamento de Seguros de Texas a:

P.O. Box 149104

Austin, TX 78714-9104

Fax: (512) 490-1007

Sitio web: www.tdi.texas.gov

E-mail: ConsumerProtection@tdi.texas.gov

DISPUTAS POR PRIMAS DE SEGUROS O RECLAMACIONES:

Si tiene una disputa relacionada con su prima de seguro o con una reclamación, usted debe comunicarse con la compañía primero. Si la disputa no es resuelta, usted puede comunicarse con el Departamento de Seguros de Texas.

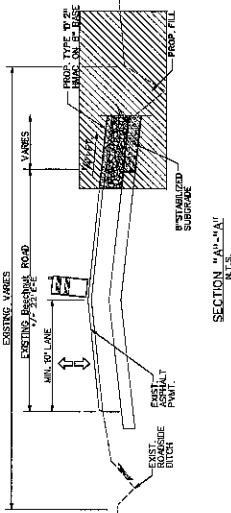
ADJUNTE ESTE AVISO A SU PÓLIZA: Este aviso es solamente para propósitos informativos y no se convierte en parte o en condición del documento adjunto.

POSTED SPEED LIMIT
35 MPH

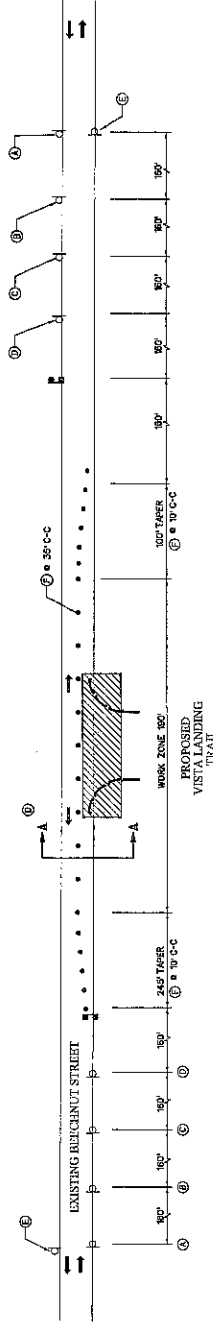


LEGEND

- CONSTRUCTION WARNING SIGN
- CHANNELIZING DEVICE
- CONSTRUCTION ZONE
- DIRECTION OF TRAFFIC FLOW
- FLAGGER



SECTION A-A'
N.T.S.



TRAFFIC CONTROL NOTES

- Contractor shall provide and install traffic control devices in accordance with Part VI of Texas Manual on Uniform Traffic Control Devices (TMUTCD) - Latest Edition with revisions during construction.
- No lanes shall be blocked more than 7 A.M. to 5 P.M. and 4 P.M. to 6:30 P.M.
- Off-duty police officers/flaggers are required to direct traffic when lanes are blocked.
- Contractor shall cover the excavation with steel plates ordered properly sized and bearing load capacity of the existing pavement. The plates shall be supported by cribbing and base exposed to pavement next to excavation during non-working hours.
- Approved copies of "Traffic Control Plans" shall be available for inspection by the contractor.
- If the contractor chooses to use a different method of traffic control plan during the construction than what is outlined in the contract drawings, plans shall be responsible to prepare and submit a separate plan to Traffic Engineering Department for review and approval. Plans shall be sealed by a licensed engineer in the state of Texas. Plans will become a part of the contract drawings.
- If the contractor chooses to use a different method of traffic control plan, the contractor shall contact FORT BEND COUNTY ENGINEERING DEPARTMENT at CONSTRUCTION@FORTBENDCOUNTYTX.GOV five (5) working days prior to the start of construction.

MISCELLANEOUS TRAFFIC CONTROL NOTES

- All advanced warning signs to be set prior to start of construction activities and to remain in place until construction is completed. Signs shall be coordinated with the Fort Bend County Engineering Department in establishing traffic routes and location of signs.
- All flaggers shall be in radio contact with each other at all times, as required.
- All pavement markings shall be maintained in accordance with the Texas Manual on Uniform Traffic Control Devices.
- Contractor shall provide a minimum of two weeks in advance to inform of possible delay.
- Contractor shall notify the Fort Bend County Engineering Department at least two weeks prior to any construction.
- All portable signing, cones and cones shall be removed at the end of each day.
- Contractor shall be responsible for maintaining the work area with cones w/ up's and temporary pavement markings shall be in place for nighttime operation as directed by the engineer.
- Access to existing businesses or residences shall be maintained at all times.
- Traffic control signs may be adjusted to fit field conditions, with approval of the engineer.
- Contractor shall provide adequate lighting for the work area and supporting vehicle loads.



Engineering and Surveying
9900 Richmond Avenue, Suite 400 N
Houston, Texas 77055
(713) 755-5555
TBEPLS FROM REG. NO. 00468

FORT BEND COUNTY MUD, No. 30
GRAND VISTA SECTION 21
TRAFFIC CONTROL PLAN
FOR BEECHNUT STREET

DESIGNED BY: A.M. H.B.
DRAWN BY: A.M. H.B.
CHECKED BY: J.M.A.
SURVEY CHECKED BY: J.M.A.
DATE: 11-21-17
QUANTITY: 120
QUANTITY: 120

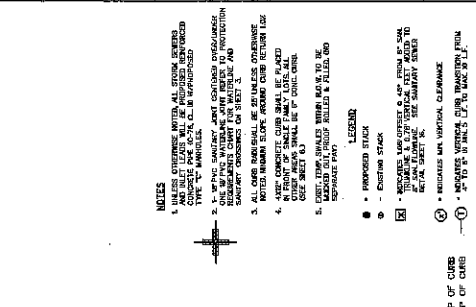
DATE: 11-21-17
QUANTITY: 120
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QUANTITY: 120
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CITY OF HOUSTON DEPARTMENT OF PUBLIC WORKS AND ENGINEERING	
PROJECT NO. 17-00000	PROJECT NAME: GRAND VISTA SECTION 21
PROJECT LOCATION: GRAND VISTA SECTION 21	PROJECT DATE: 11-21-17
PROJECT DESCRIPTION: TRAFFIC CONTROL PLAN FOR BEECHNUT STREET	PROJECT DRAWN BY: J.M.A.
PROJECT CHECKED BY: J.M.A.	PROJECT DATE: 11-21-17
PROJECT REVIEWED BY: J.M.A.	PROJECT DATE: 11-21-17
PROJECT APPROVED BY: J.M.A.	PROJECT DATE: 11-21-17
PROJECT SEAL: 58455	PROJECT DATE: 11-21-17
PROJECT SCALE: 1" = 40'	PROJECT DATE: 11-21-17
PROJECT SHEET: 7 OF 23	PROJECT DATE: 11-21-17

NOTES

1. ALL DISTANCES WITHIN THIS PLAN ARE IN FEET AND INCHES. DISTANCES IN FEET SHALL BE SHOWN TO THE NEAREST FOOT, AND DISTANCES IN INCHES SHALL BE SHOWN TO THE NEAREST INCH.
2. ALL DISTANCES SHALL BE MEASURED ALONG THE CENTERLINE OF THE ROAD, UNLESS OTHERWISE SPECIFIED.
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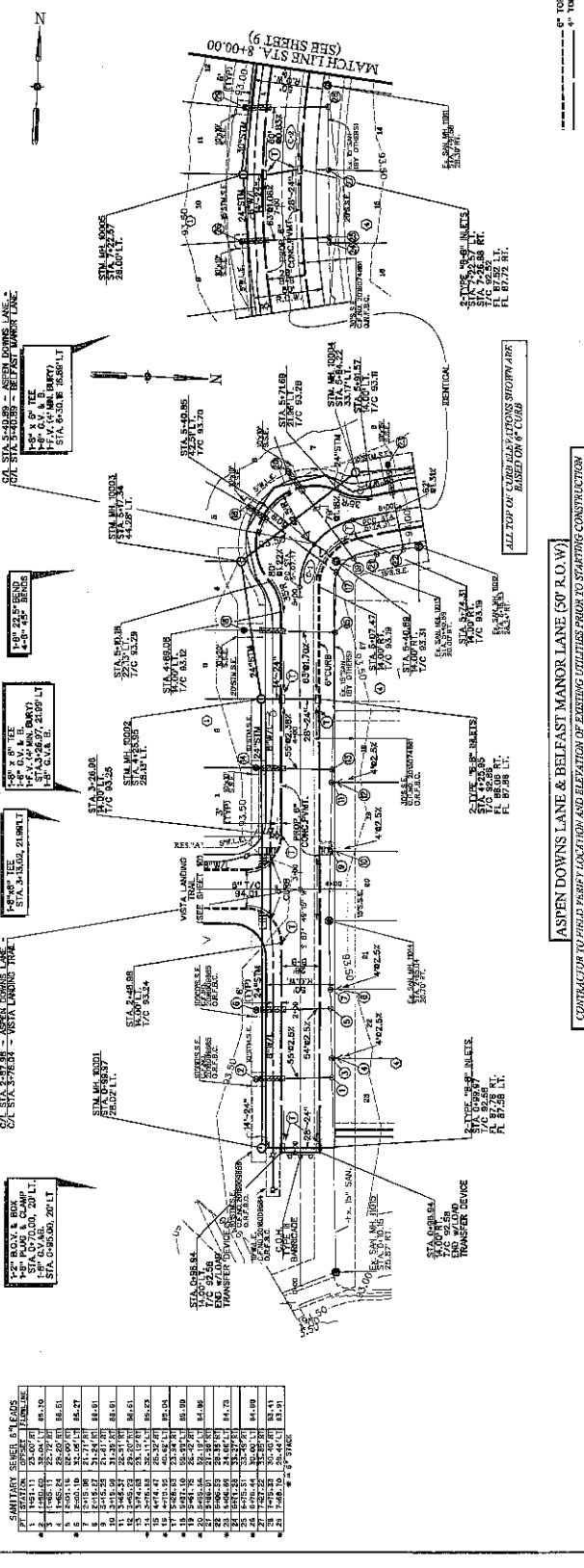
LEGEND

- 1. PROPOSED ROAD
- 2. EXISTING ROAD
- 3. PROPOSED SIDEWALK
- 4. EXISTING SIDEWALK
- 5. PROPOSED CURB
- 6. EXISTING CURB
- 7. PROPOSED DRAINAGE
- 8. EXISTING DRAINAGE
- 9. PROPOSED LIGHTING
- 10. EXISTING LIGHTING

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CITY OF HOUSTON
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING
OFFICE OF THE CITY ENGINEER
1001 FOSTER STREET, SUITE 100
HOUSTON, TEXAS 77002
PHONE: 713-554-2200
FAX: 713-554-2201
WWW.CITYOFHOUSTON.ORG



ASPHEN DOWNS LANE & BELCAST MANOR LANE (50' R.O.W.)

CONTRACTOR TO FIELD PROPERTY LOCATION AND ELEVATION OF EXISTING UTILITIES PRIOR TO STARTING CONSTRUCTION

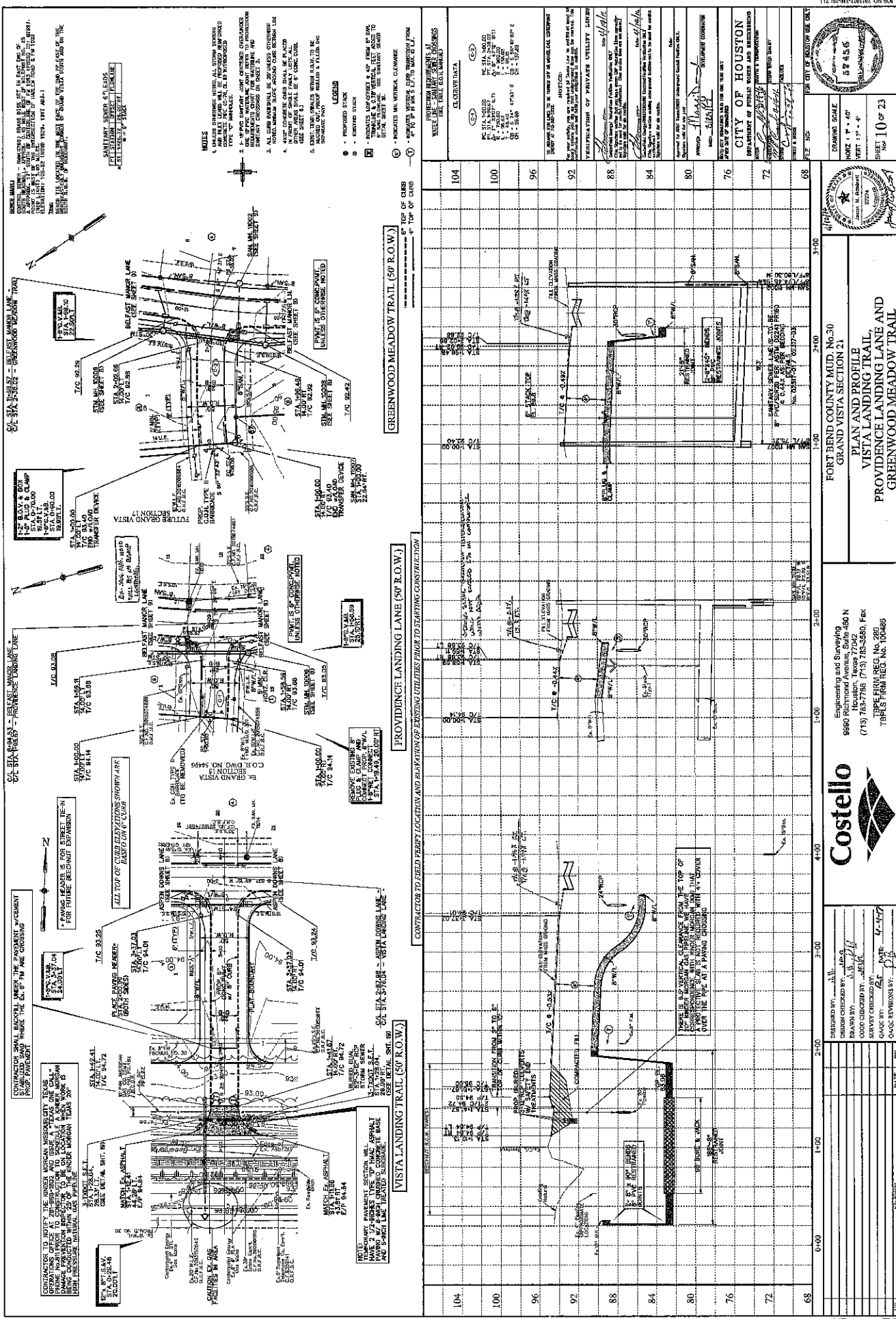
STATION	ELEVATION	UTILITIES
104	104.00	1. 12" WATER MAIN
100	100.00	1. 12" WATER MAIN
96	96.00	1. 12" WATER MAIN
92	92.00	1. 12" WATER MAIN
88	88.00	1. 12" WATER MAIN
84	84.00	1. 12" WATER MAIN
80	80.00	1. 12" WATER MAIN
76	76.00	1. 12" WATER MAIN
72	72.00	1. 12" WATER MAIN
68	68.00	1. 12" WATER MAIN

COSTELLO
Engineering and Surveying
8880 Richmond Avenue, Suite 450 N
Houston, Texas 77041
(713) 792-7881 / (713) 792-7882 Fax
TELEPHONE REG. NO. 200
TELETYPE REG. NO. 10048

FOR CITY OF HOUSTON USE ONLY

PLAN AND PROFILE
ASPHEN DOWNS LANE AND
BELCAST MANOR LANE

DATE 11-14-17
BY [Signature]
DATE 11-14-17
BY [Signature]

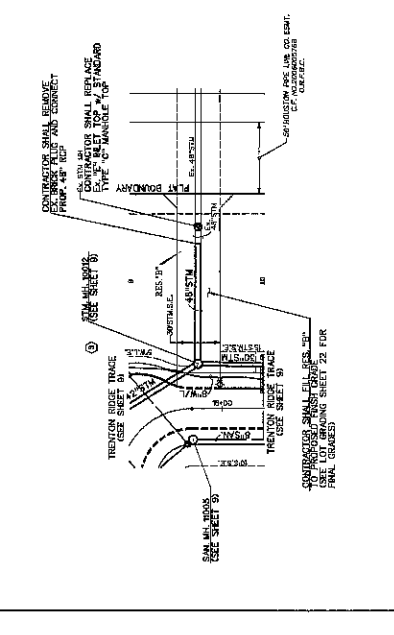
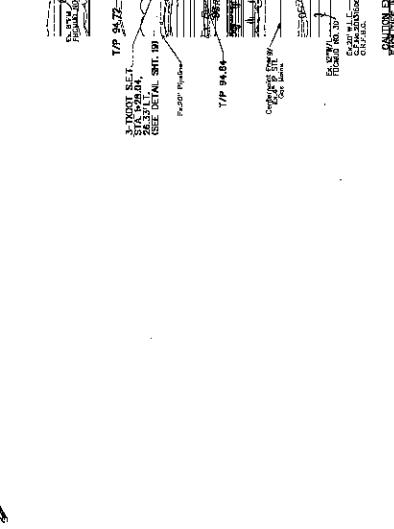
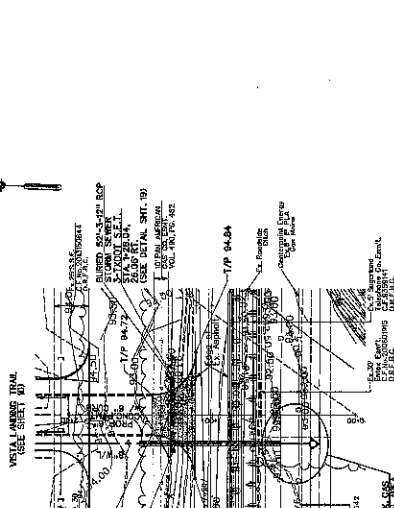


SECTION NOTES:
 1. ALL EXISTING UTILITIES SHOWN ON THIS PLAN ARE TO BE MAINTAINED AND PROTECTED.
 2. ALL NEW UTILITIES SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITION OF THE MICHIGAN STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.
 3. ALL UTILITIES SHALL BE DEEPLY REINFORCED AND PROTECTED BY A MINIMUM OF 18" OF CONCRETE.
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 8. ALL UTILITIES SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITION OF THE MICHIGAN STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.
 9. ALL UTILITIES SHALL BE DEEPLY REINFORCED AND PROTECTED BY A MINIMUM OF 18" OF CONCRETE.
 10. ALL UTILITIES SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITION OF THE MICHIGAN STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.



48" STORM SEWER

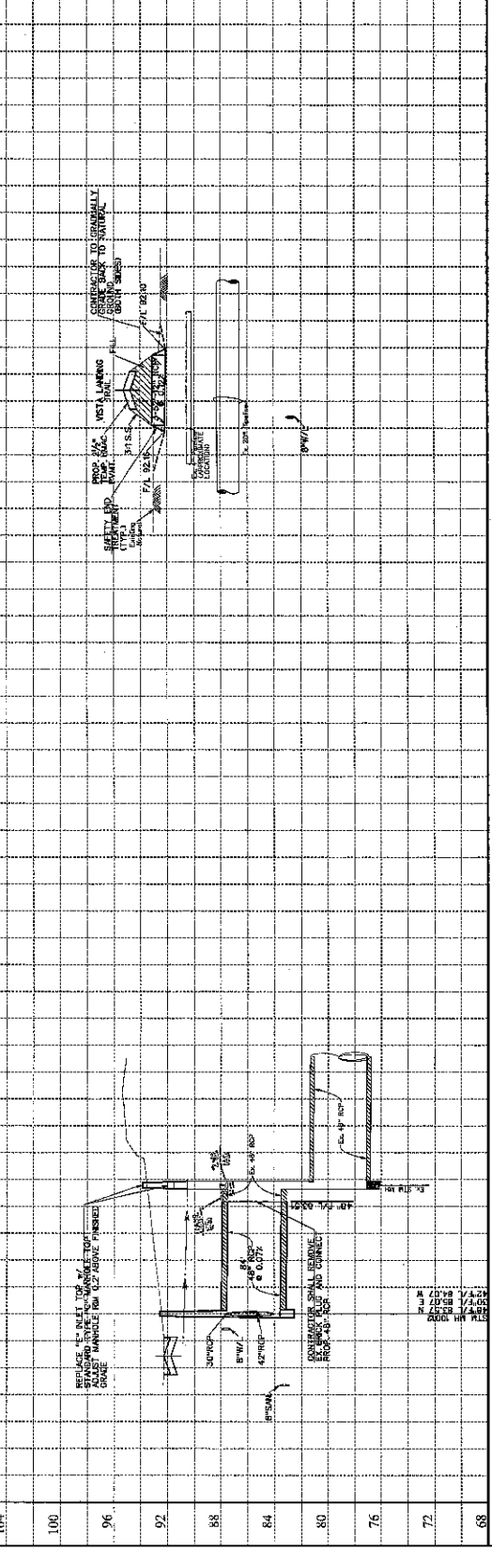
48" STORM SEWER

48" STORM SEWER

3-12" STORM SEWER

3-12" STORM SEWER

3-12" STORM SEWER



STATION	ELEVATION	DATE	BY
104			
100			
96			
92			
88			
84			
80			
76			
72			
68			

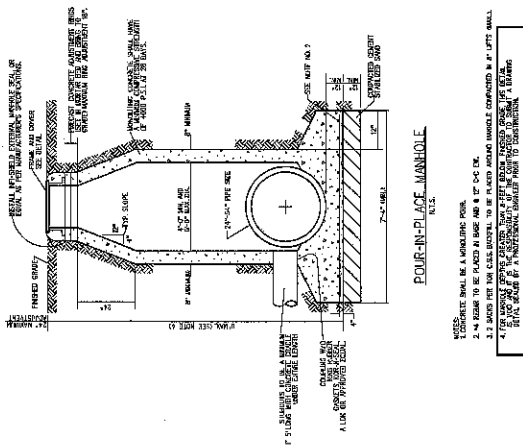
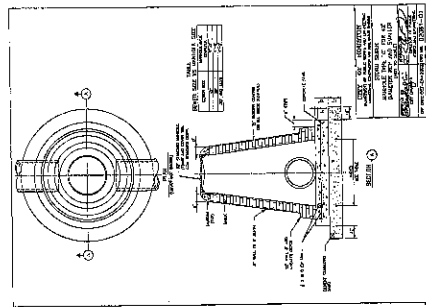
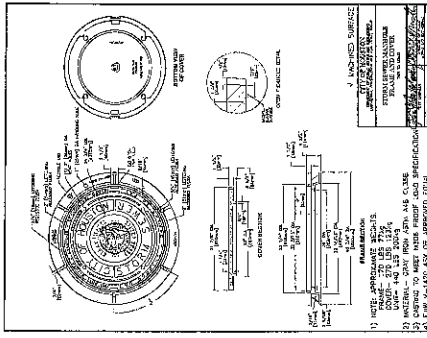
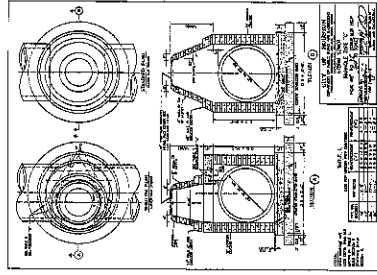
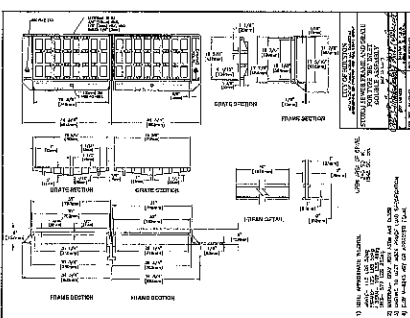
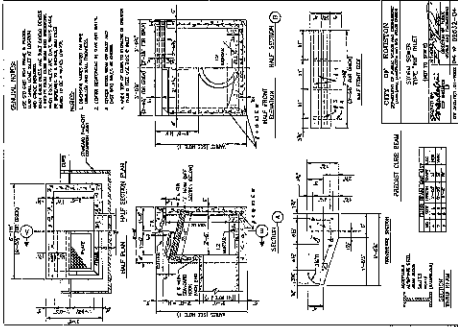
DESIGNED BY: J.W.
 CHECKED BY: J.W.
 DATE: 4-17-17
 QUANTITY: 64
 QUANTITY: 64

Costello

Engineering and Surveying
 9980 Richmond Avenue, Suite 400 N
 Houston, Texas 77042
 (713) 783-7788 (713) 783-3560 Fax
 (713) 783-7788 (713) 783-3560
 TELEPHONE NO. 100-888

FOR THE CITY OF HOUSTON, TEXAS

DESIGNED BY: J.W.
 CHECKED BY: J.W.
 DATE: 4-17-17
 QUANTITY: 64
 QUANTITY: 64



DESIGNED BY: *Michael J. ...*
 DATE: 10/25/17
 CITY OF HOUSTON
 DEPARTMENT OF PUBLIC WORKS AND ENGINEERING
 PROJECT: *...*
 SHEET: 12 OF 23



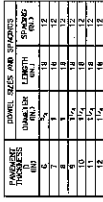
FORT BEND COUNTY MUD. No. 30
 GRAND VISTA SECTION 21
 DRAINAGE DETAILS

Engineering and Surveying
 9990 Richmond Avenue, Suite 450 N
 Houston, Texas 77042
 (713) 783-7788 (713) 783-3560 Fax
 TYPED NAME REC. No. 200
 TABLES FINANCIAL No. 100666

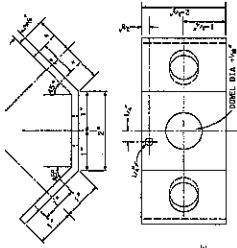


DESIGNED BY: *...*
 CHECKED BY: *...*
 DATE: 10/25/17
 QACC BY: *...*
 QACC REVISIONS BY: *...*

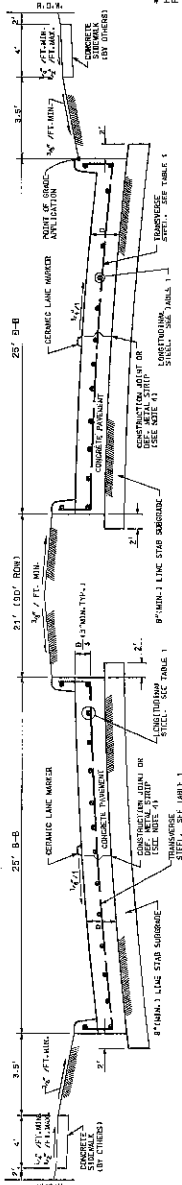
NO.	REVISION	DATE	BY
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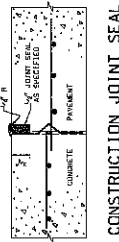
PAVEMENT THICKNESS (IN)	POWER (KW)	ROTATION SPEED (RPM)	FLIGHTS (IN)	CRACKS (IN/IN)	DISPERSED SPALLS (IN/IN)
6	3	1	1	1	1
7	3	1	1	1	1
8	3	1	1	1	1
9	3	1	1	1	1
10	3	1	1	1	1
11	3	1	1	1	1
12	3	1	1	1	1



EXPANSION JOINT TO BE PLACED AT THE END OF EACH CURB RADIUS AND SPACED APPROX. 60'-0" MAX. ADAPT.

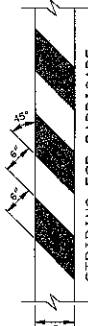


TYPICAL DOUBLE ROADWAY SECTION



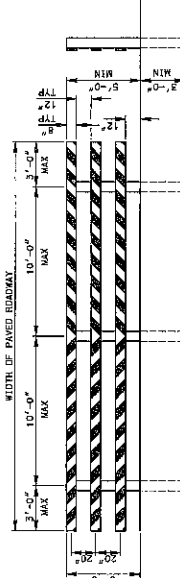
DEFORMED METAL STRIP

THE LOCATION OF CONSTRUCTION JOINTS AND
DEFINED STRIPS MAY BE VARIED, WITH THE APPROVAL
OF THE ENGINEER, TO SUIT THE PROPOSED CONSTRUCTION
METHODS OF THE CONTRACTOR



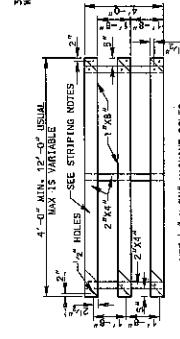
STRIPING FOR BARRICADE

FOR ALL TYPES OF BARRICADES WITH RAILS LESS THAN 3'-0" LONG, STRIPES 4" WIDE SHALL BE USED. IDENTIFICATION MARKINGS MAY BE SHOWN ONLY ON BACK SIDE OF BARRICADE RAILS.



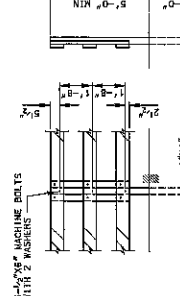
TYPE III BARRICADE

FOR TYPE III BARRICADE FOR END OF ROAD, THE THREE (3) RAILS SHALL BE REFLECTIVE RED AND REFLECTIVE WHITE STRIPES ON SIDE FACING TRAFFIC. HIGH INTENSITY SHEETING ON BARRICADE OR NICKOLETE

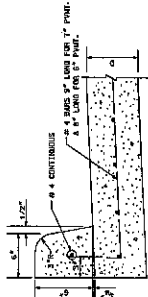


PANEL FOR
TYPE III BARRICADE

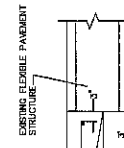
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POST FOR
TYPE III BARRICADE



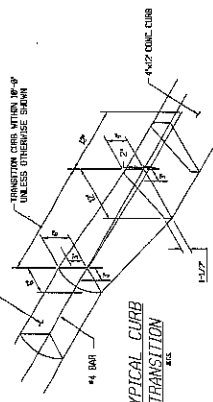
CONCRETE CURB
N.T.S.



TYPICAL PAVING HEADER

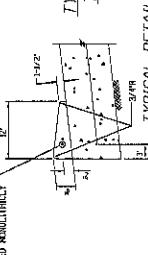
NOTES FOR PAVING HEADER:

1. ADDITIONAL CONCRETE FOR PAVING BID ITEMS.



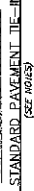
TYPICAL DETAIL

4"x12" CURB



TYPICAL DETAIL

4"x12" CURB



CONCRETE TO CONCRETE
STANDARD PAVEMENT TIE-IN

(SEE NOTES)

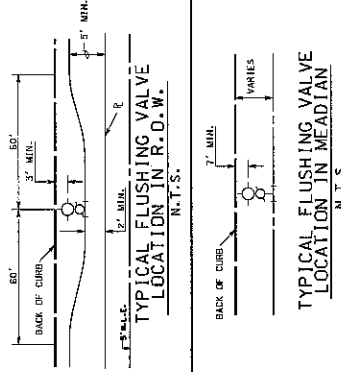
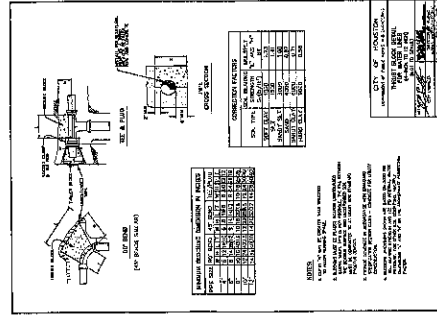
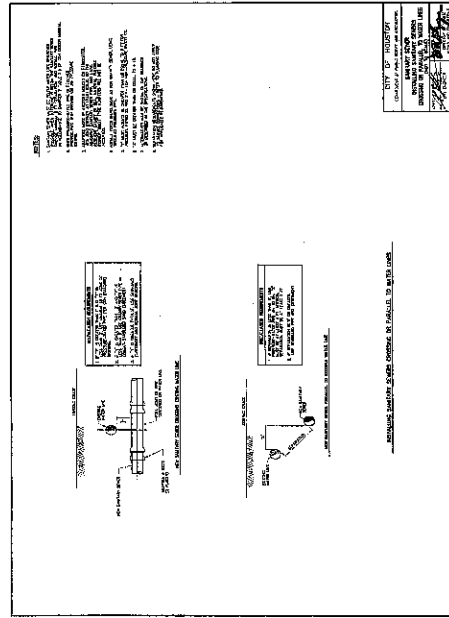
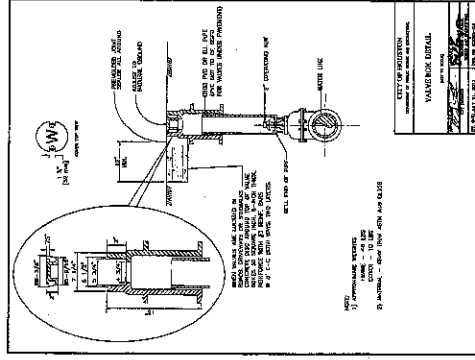
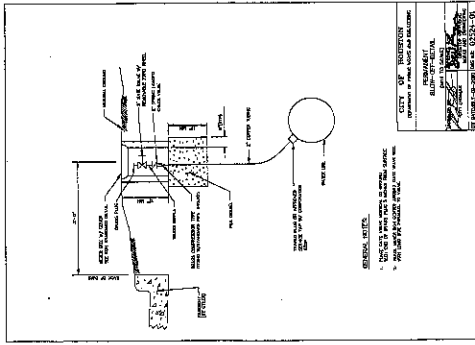
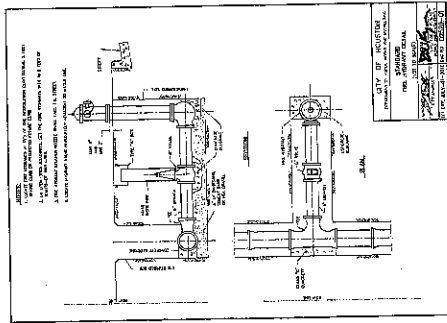
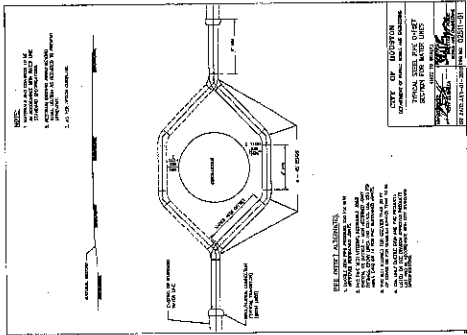
NOTES FOR TIE-IN:

- ① REINFORCING CENTERED IN PROPOSED PAVEMENT, 3" CLEAR AT EDGES.
- ② SAW-CUT 2" DEEP AND REMOVE 2" EXISTING PAVEMENT OR PAVEMENT WITH CURB, EXPOSE AND CLEAN EXISTING REINFORCING.
- ③ 24-MEGAL DIAMETER LAP OR WELD, IF DIRECTED.
- ④ IF NO EXPOSED REINFORCING STEEL EXISTS, HORIZONTAL DOWELS SHALL BE BARS OF SIZE NO. 3, 3' LONG DRILLED AND EMBEDDED 18" INTO THE EXISTING PAVEMENT OR CURB WITH PROXIMAL APPROVED.

Engineering and Surveying
9990 Richmond Avenue, Suite 450 N
Houston, Texas 77042
(713) 783-7788 (713) 783-3580, Fax
TBPE FIRM REG. No. 280
TBPLS FIRM REG. No. 100485

PAVING DETAILS

FORT BEND COUNTY MUD. NO.30
GRAND VISTA SECTION 21



APPROVED: *[Signature]* DATE: *11/14/23*
 CITY OF HOUSTON
 DEPARTMENT OF PUBLIC WORKS AND ENGINEERING
 DIVISION OF WATER UTILITIES
 PROJECT: *Water Main Replacement*
 SHEET: *14 of 23*
 FILE NO.: *11111111*
 FOR CITY OF HOUSTON USE ONLY

DRAWING SCALE: *1\"/>*

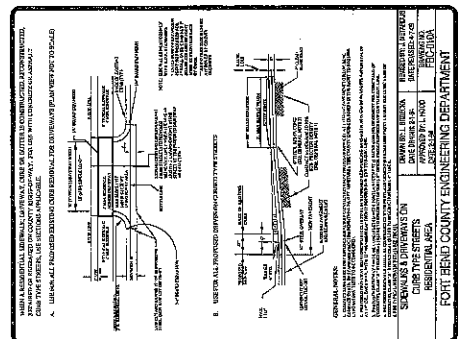
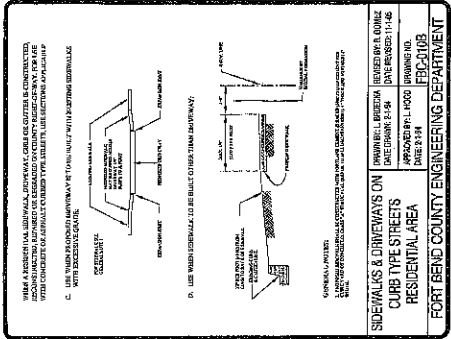
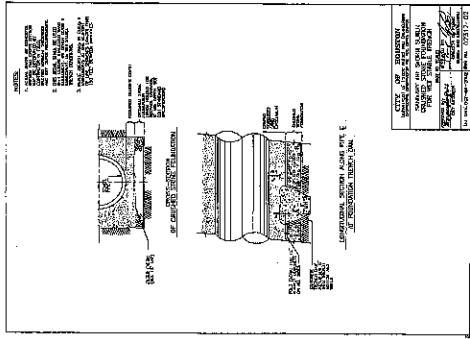
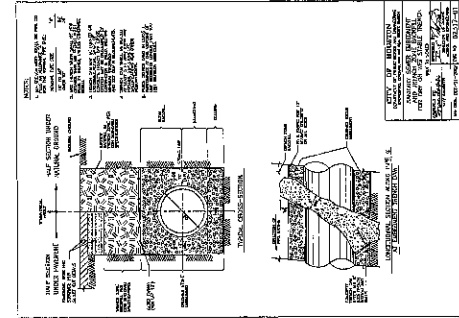
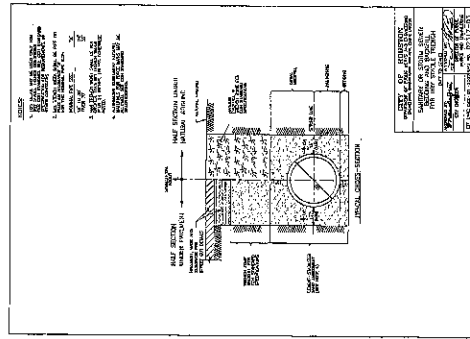
FORT BEND COUNTY MUD NO. 30
 GRAND VISTA SECTION 21
 WATER MAIN DETAILS

Engineering and Surveying
 9950 Richmond Avenue, Suite 450 N
 (713) 783-7788 (713) 783-3860 Fax
 TOLL FREE 1-800-390-6666
 TABLETS NO. 100486

Costello

DESIGNED BY: *JAK*
 DRAWN BY: *JAK*
 CHECKED BY: *JAK*
 SURVEY CHECKED BY: *JAK*
 QAC BY: *JAK*
 QAC REVISIONS BY: *JAK*

DATE: *11/14/23*
 BY: *JAK*
 REVISION: *1*



NO.	REVISION	DATE	BY
1	DESIGNED BY	DATE	BY
2	CHECKED BY	DATE	BY
3	DESIGNED BY	DATE	BY
4	CHECKED BY	DATE	BY
5	DESIGNED BY	DATE	BY
6	CHECKED BY	DATE	BY
7	DESIGNED BY	DATE	BY
8	CHECKED BY	DATE	BY
9	DESIGNED BY	DATE	BY
10	CHECKED BY	DATE	BY

Costello
 Engineering and Surveying
 6690 Richmond Avenue, Suite 450 N
 Houston, Texas 77057
 (713) 783-7750 (713) 783-8888, Fax
 (713) 783-7750
 1815 FARM ROAD, NO. 10088

FORT BEND COUNTY MTD. No. 30
 GRAND VISTA SECTION 21
**BEDDING DETAILS, FORT BEND
 COUNTY RESIDENTIAL DRIVEWAYS DETAILS**



PROJECT NO.	DATE	BY
PROJECT NAME	DATE	BY
CITY OF HOUSTON	DATE	BY
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING	DATE	BY
SECTION	DATE	BY
SHEET NO.	DATE	BY
SCALE	DATE	BY
DRIVING SCALE	DATE	BY
VERT	DATE	BY
15' = 1"	DATE	BY

[illegible]

97274

SEASON OF TEXAS
JASON M. ROBINSON
97274
NATIONAL GOLF ASSOCIATION

John of Andrew 7

--	--

2. No.30
N21

EDDEST RAMPI

TXD0

N

Engineering and
Hammond Avenue
Houston, Texas
77058 (713)
FIRM REG.
FIRM REG.

87

DATE: 6/1-6/11

DESIGNED BY	
DESIGN CHECKED	
DRAWN BY	
CHECKED	
SURVEY CHECKED	
QA/QC BY	
QA/QC REVIEWED	

[illegible]

TABLE 1
Summary of the 1000 Genomes Project

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466
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[illegible]

PLEXSTRAN CURB

COMBINATION

Figure 1 is an aerial photograph of the study area. A scale bar at the bottom indicates a distance of 0 to 100 meters. A north arrow is located in the upper right corner. A box in the center of the photograph indicates the location of the study site. The photograph shows a coastal area with a road and a building.

TYPE 22

IN. DIMENSIONS SHOWN ARE FOR THE PART

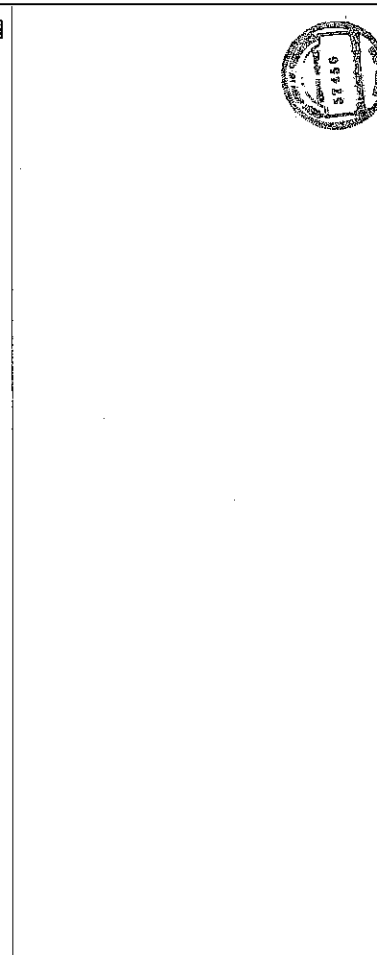
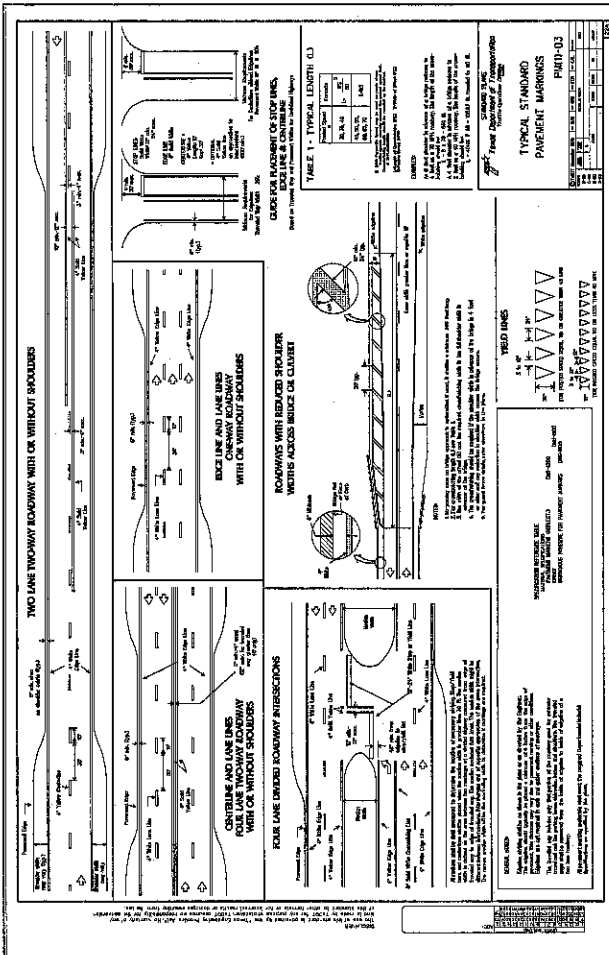
[illegible]

1. NAME OF THE PARTY _____
 2. ADDRESS _____
 3. CITY _____
 4. STATE _____
 5. ZIP _____
 6. DATE _____
 7. SIGNATURE _____
 8. PRINTED NAME _____
 9. TELEPHONE _____
 10. TELETYPE _____
 11. FAX _____
 12. EMAIL _____
 13. WEBSITE _____
 14. OTHER _____
 15. REMARKS _____
 16. DATE _____
 17. SIGNATURE _____
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 21. FAX _____
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 23. WEBSITE _____
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 220. TELETYPE _____
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3 3

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED DATE 07-11-2001 BY 60322 UCBAW

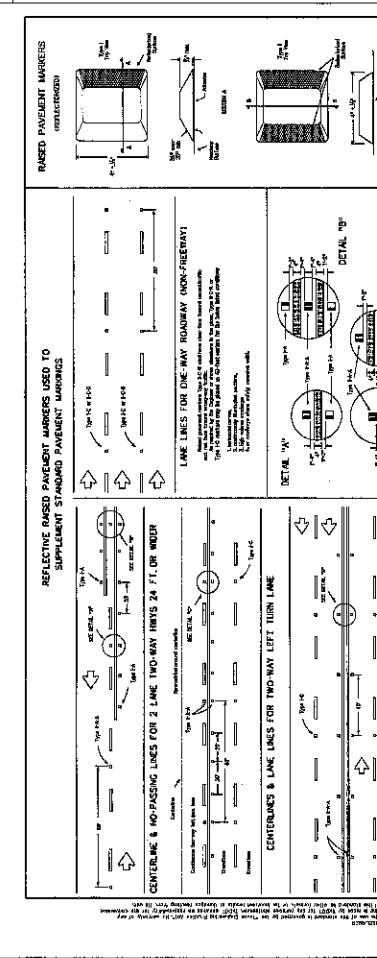
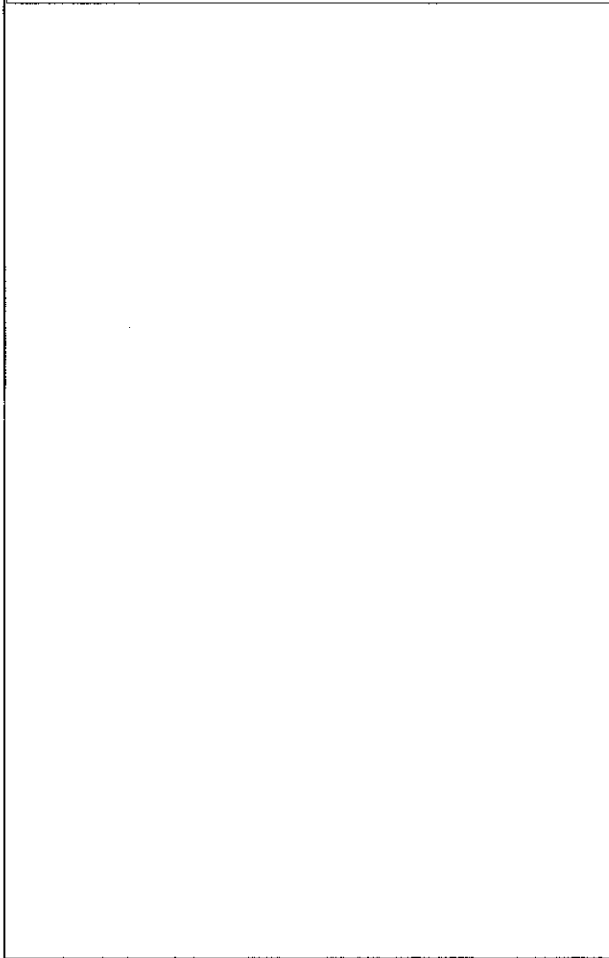


STANDARD PLANS
Texas Department of Transportation
Traffic Operations Division

TYPICAL STANDARD PAVEMENT MARKINGS

© 2007 March 2007
Project No. 0-000
Sheet No. 0-000
Section No. 0-000
County No. 0-000
Scale No. 0-000

SHEET 18 OF 23



STANDARD PLANS
Texas Department of Transportation
Traffic Operations Division

TYPICAL STANDARD PAVEMENT MARKINGS

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Project No. 0-000
Sheet No. 0-000
Section No. 0-000
County No. 0-000
Scale No. 0-000

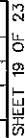
SHEET 18 OF 23

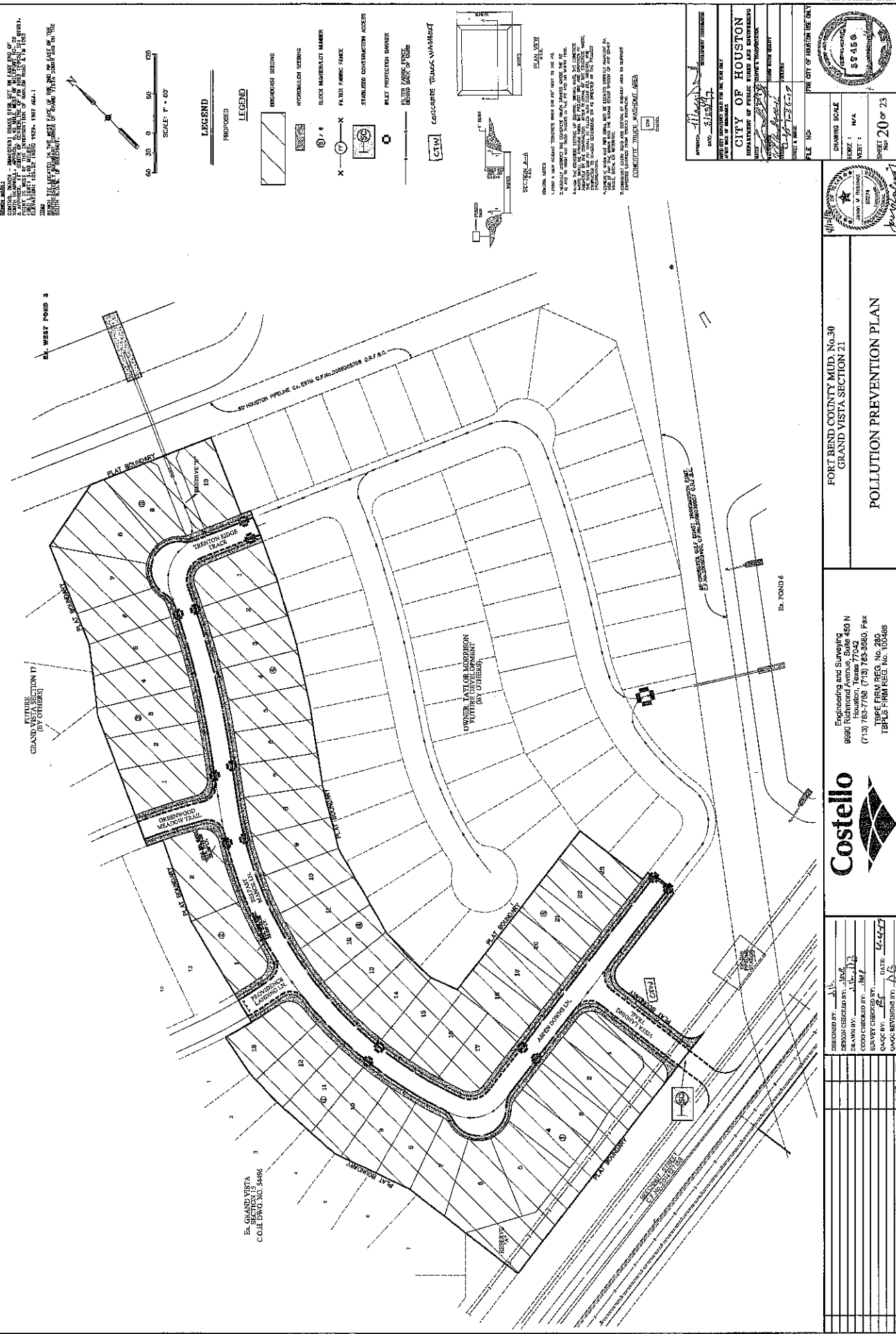
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Costello

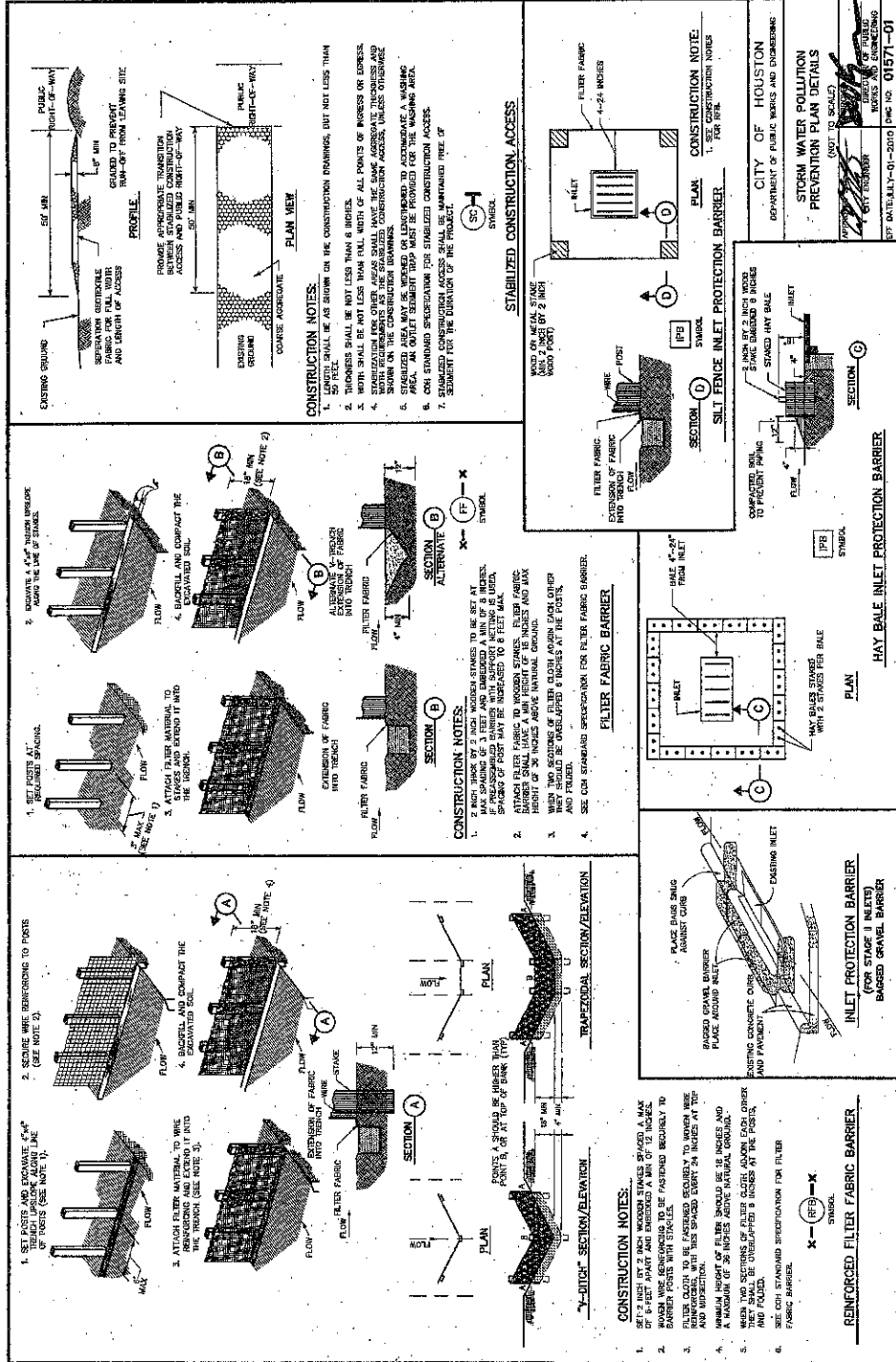
Engineering and Surveying
8990 Richmond Avenue, Suite 450 N
Houston, Texas 77042
(713) 783-7788 (713) 783-3580, Fax
TSBE FIRM REG. No. 280
TSPLS FIRM REG. No. 100488

FORT BEND COUNTY MUD, No.30
GRAND VISTA SECTION 21

POLLUTION PREVENTION PLAN

4/13/86
STATE OF TEXAS
JASON W ROBINETT
REGISTRATION INFORMATION
07274
LICENSED PROFESSIONAL ENGINEER
4

[illegible]



REVISIONS

1. ALL LOT GRADING SHALL BE DONE TO THE SAME ELEVATION OF THE ADJACENT EXISTING GRADE.

2. THE PROPOSED LOT GRADING SHALL BE DONE TO THE SAME ELEVATION OF THE ADJACENT EXISTING GRADE.

3. THE PROPOSED LOT GRADING SHALL BE DONE TO THE SAME ELEVATION OF THE ADJACENT EXISTING GRADE.

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8. THE PROPOSED LOT GRADING SHALL BE DONE TO THE SAME ELEVATION OF THE ADJACENT EXISTING GRADE.

9. THE PROPOSED LOT GRADING SHALL BE DONE TO THE SAME ELEVATION OF THE ADJACENT EXISTING GRADE.

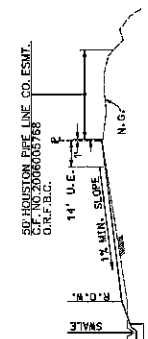
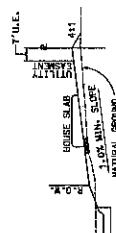
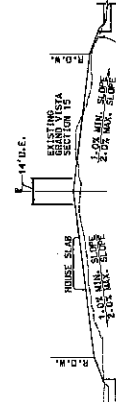
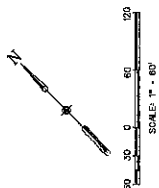
10. THE PROPOSED LOT GRADING SHALL BE DONE TO THE SAME ELEVATION OF THE ADJACENT EXISTING GRADE.

LEGEND

- EXISTING CONTOUR INTERVAL
- FINISHED GRADE ELEVATION
- PROPOSED TOP OF CURB ELEVATION
- LOT FLOW DIRECTION
- DIRECTION OF SLOPE
- LOT NUMBER / BLOCK NUMBER
- 4-INCH CONC. CURB
- 8-INCH CONC. CURB

ELL NOTES

1. ALL LOT GRADING SHALL BE DONE TO THE SAME ELEVATION OF THE ADJACENT EXISTING GRADE.
2. THE PROPOSED LOT GRADING SHALL BE DONE TO THE SAME ELEVATION OF THE ADJACENT EXISTING GRADE.
3. THE PROPOSED LOT GRADING SHALL BE DONE TO THE SAME ELEVATION OF THE ADJACENT EXISTING GRADE.
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9. THE PROPOSED LOT GRADING SHALL BE DONE TO THE SAME ELEVATION OF THE ADJACENT EXISTING GRADE.
10. THE PROPOSED LOT GRADING SHALL BE DONE TO THE SAME ELEVATION OF THE ADJACENT EXISTING GRADE.



PROJECT NO.	58458
CITY OF HOUSTON	DEPARTMENT OF PUBLIC WORKS AND ENGINEERING
PROJECT LOCATION	PORT BEND COUNTY, TEXAS
DATE	11-28-12
FILE NO.	100496
SCALE	1" = 10'
DATE	11-28-12
BY	J. B.
CHECKED BY	J. B.
DATE	11-28-12
REVISIONS	1. 11-28-12

PORT BEND COUNTY, TEXAS, No. 30
GRAND VISTA SECTION 21

LOT GRADING LAYOUT

Engineering and Surveying
6960 Richmond Avenue, Suite 450 N
(713) 753-7788, (713) 753-3550, Fax
TELEPHONE REG. No. 200
TELEFAX REG. No. 100496



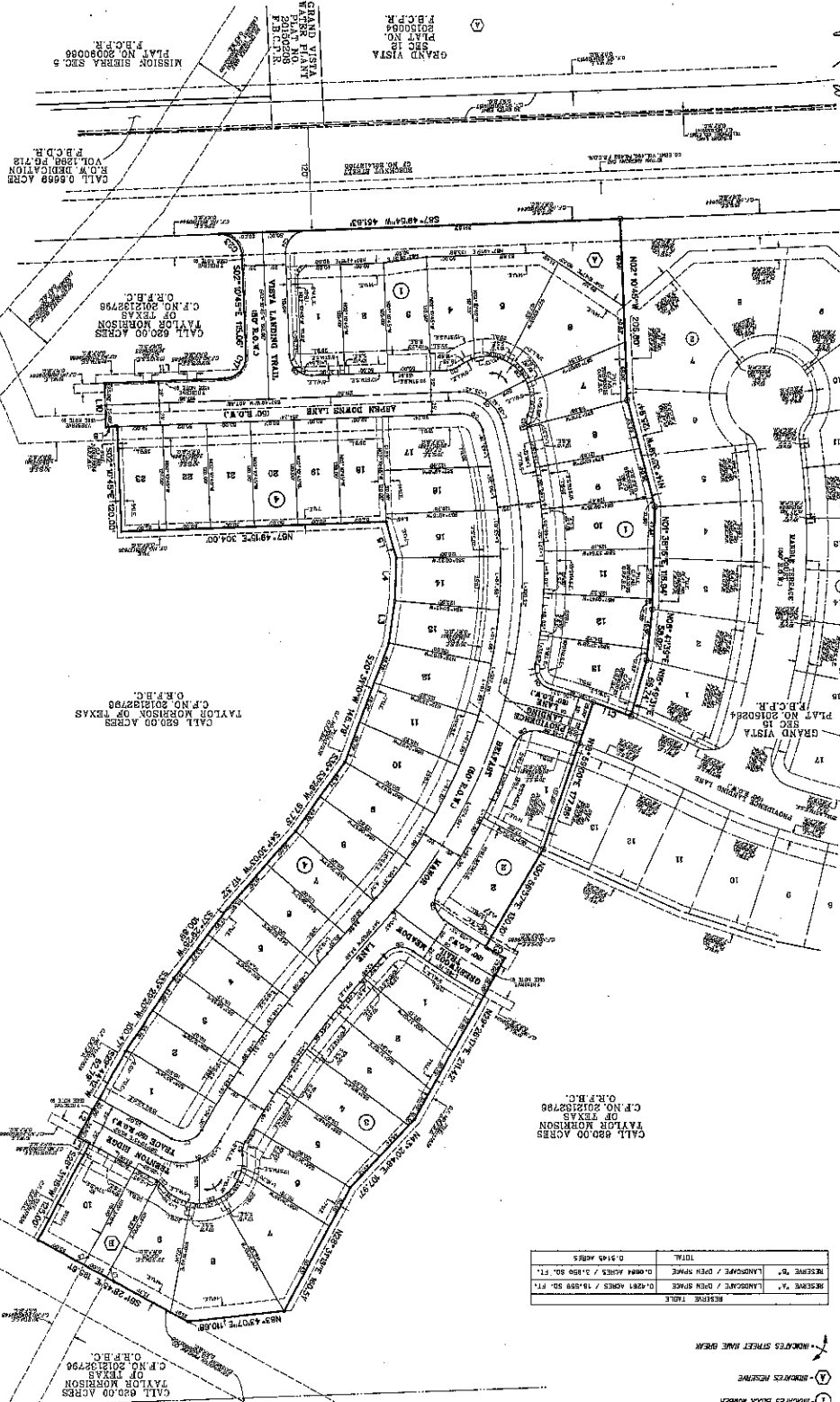
DESIGNED BY	J. B.
DRAWN BY	J. B.
CHECKED BY	J. B.
DATE	11-28-12
REVISIONS	1. 11-28-12

NO.	BY	DATE
1	J. B.	11-28-12
2	J. B.	11-28-12
3	J. B.	11-28-12
4	J. B.	11-28-12
5	J. B.	11-28-12
6	J. B.	11-28-12
7	J. B.	11-28-12
8	J. B.	11-28-12
9	J. B.	11-28-12
10	J. B.	11-28-12



OWNER:
TAYLOR MORRISON
PLANNER:
KAY & ASSOCIATES
LAND PLANNING CONSULTANTS
2801 N. GULF BLVD., SUITE 100
HOUSTON, TEXAS 77058
PHONE: 281-455-0000
FAX: 281-455-0001
E-MAIL: KAY@KAYASSOCIATES.COM
WWW.KAYASSOCIATES.COM

SCALE: 1"=100' DATE: FEBRUARY, 2016
48 LOTS & BLOCKS 2 RESERVES
HUGH BOGGS SURVEY A-309
FOOT BEND COUNTY, TEXAS
A SUBDIVISION OF 10.447 ACRES
SEC 21
GRAND VISTA



RESERVE TABLE	
RESERVE NO.	LANDSCAPE / OPEN SPACE
1	LANDSCAPE / OPEN SPACE
2	LANDSCAPE / OPEN SPACE
3	LANDSCAPE / OPEN SPACE
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47	LANDSCAPE / OPEN SPACE
48	LANDSCAPE / OPEN SPACE

LINE DATA TABLE	
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