

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

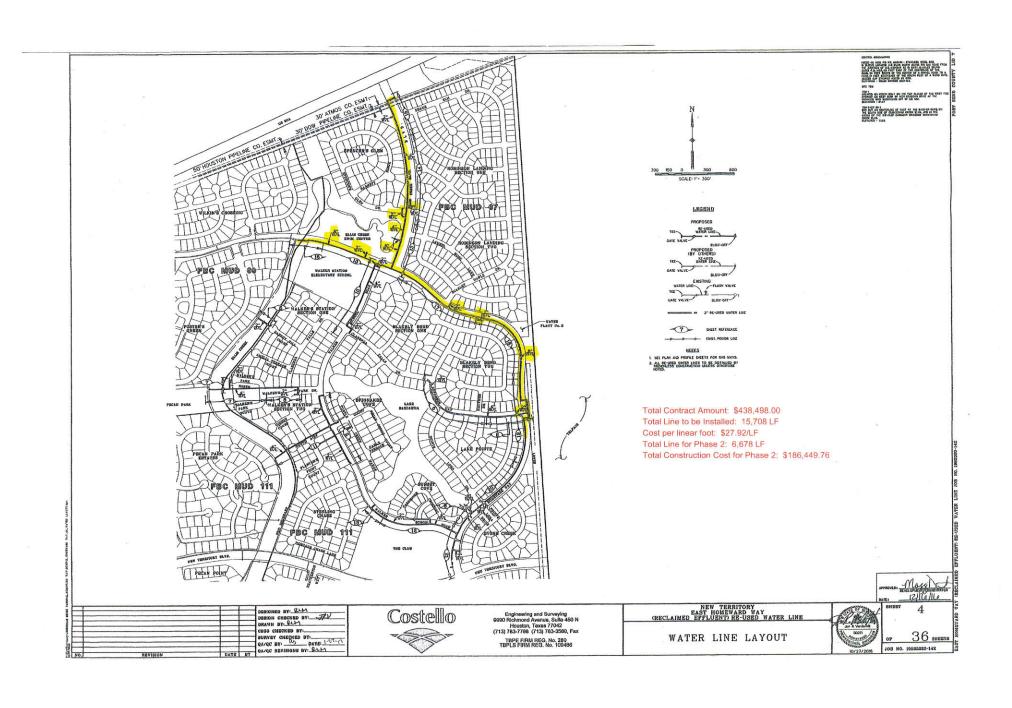
X Right of Way Commercial I Permit No: 2017-14	Driveway Permit					
Applicant: G&A Boring Direccional/Costello, Inc. Job Location Site: several streets in New Territory , Sugar Land, TX 77479 Bond No. Date of Bond: 5/8/2017 Amount: \$50,000.00						
The above applicant came to make use of certain Fort 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, of the Minutes of the Commissioners Court of Fort Bend County, Texas, to the extent that such order is not inconsistant with Chapter 181, Vernon's Texas Statutes and Codes Annoted.						
grounds for job shutdown. 2. Written notices are required: a. 48 hours in advance of construction	d ready for final inspection, submit notification to Permit Online.org portal.					
On this 11th day of July, 2017, Upon Motion of Commissioner						
Signature	Presented to Commissioners Court and approved.					
By: Charly O. All County Engineer	Date Recorded 1-17-2017 Comm. Court No. 19A					
N/A By: Drainage District Engineer/Manager	Clerk of Commissioners Court By:					



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

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

X Rigi	ht of Way Permit	, , , , , , , , , , , , , , , , , , ,
Con	nmercial Driveway	Permit
<u></u>	o: 2017-14598	
		e activity in Fort Bend County" and accompanying ropriate regulations set by Commissioner's Court
(1) COMPLETE APPLICATION FORM:		
X a. Name of road, street, and/or	r drainage ditch affe	ected.
X b. Vicinity map showing course	of directions	
x c. Plans and specifications		
(2) BOND:		
County Attorney, approval whe applicable.	n	
X Perpetual bond currently posted.	Bond No:	Amount: \$50,000.00
Performance bond submitted.	Bond No:	Amount:
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 red	quirements.
Charly O. Af		6/36/17
Permit Administrator		Date

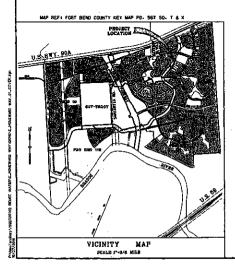


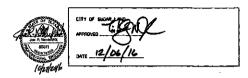
CONSTRUCTION PLANS FOR EAST HOMEWARD WAY (RECLAIMED EFFLUENT) RE-USED WATER LINE

FOR
NEW TERRITORY
LOCATED IN

FORT BEND COUNTY LID 7

FORT BEND COUNTY, TEXAS







Engineering and Surveying 9990 Richmond Avenue, Bulle 450 N Houston, Texas 77042 (713) 783-7788 (713) 783-9580, Fax TBDE FIRM REG No. 280 TBDE FIRM REG No. 280

DATE OCTOBER 2016





CONTACT SUPSIERS

CETY OF SUGAR LAND - ENGINEERING CEPT -	-281-27 5-276 \$
F.B.C. M.J.O. No. 67 & 111 - OPERATOR - MUNICIPAL OPERATIONS & CONSULTING, INC	281-367-9511
F.B.C., M.ILD. No., 67 & U1 • ENGINEER - COSTELLO, Inc.	- 713-783-7786
FORT BEIND COUNTY CHAINAGE DESTRICT-	- 251-342-2663

INDEX OF DRAWINGS

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OPERAL MACHINE COMPTRICTION NOTES 4 SECRED FORTES DETAILS - 1 (M.-64)

CENTRAL WYSE

- THE CONTRACTOR SHALL NOTIFY CONSTRUCTION OF PORTBEND COUNTYTX.GOV OF THE FORT BEND COUNTY ENGINEER'S OFFICE 4B HOURS BEFORE SEGIRINING CONSTRUCTION
- THE CONTRACTOR SHALL VERIFY THE LOCATION AND ELEVATION OF DISTRIN FACESTRES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL ROSINY TEXAS ONE-CALL ISLULAT LEAST 48 HOURS REPORCE PROCEEDING WITH ARY DISCAVATION.
- A MANUTAINA MUNICIPAL PROPERTY FARANCE PERSONNELLA MANUEL PROPERTY AND A PROPERTY
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PURCHASING ANY WATER NEEDED DURING CONSTRUCTION OR TESTING.
- 5. DESIGN PROCEDURES ARE IN GENERAL COMPLIANCE WITH THE PORT BEND
- ALL WORK SHALL BE COMPLETED TO THE SATISFACTION OF FORT BEND COUNTY, CITY OF SUGAR LAND, THE TEXAS COMMISSION ON ENVIRONMENTAL DUALITY AND
- THESE MAIN PREPARED BY COSTELLO, INC., DO NOT EXTEND TO OR INCLIDED DESIGNS OR NOTHER SPECIALING TO THE WART OF THE CONTRACTOR OR THE MANUFACTURE OF THE STORMANDARY OF THE WORK.

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- B. ALL LINEATERACTORY AND/OR WASTE MATERIALS INCLUDING STRIPPINGS, VEGETATION, ROOTS, CONCRETE, DICESS UTILITY AND PAVING SPOIL, AND DERKS SHALL BE HALLED OF SITE AT THE CONTRACTOR. THE COST OF THIS WORK WILL BE CONSIDERED INCIDENTAL TO THE OTHER THESE OF THE WORK WILL
- CONTRACTOR SHALL MAINTAIN ADEQUATE DRAMAGE AT ALL TIMES DURING CONTRUCTION OF PROPOSED MAPROVEMENTS.
- 2. DOSTING UTUTIES ARE INICKATED IN AM APPROXIMATE MANNER ONLY, ALL DOSTING UTUTIES ARE INICKATED IN AM APPROXIMATION OF SHALL VERIFY LOCATION AND ELEVATION OF BOSTING IMPROVEMENTS PROR TO CONSTRUCTION OF PROPOSED IMPROVEMENTS OF TRACTOR SHALL ROTHLY LITLIES ARE INJURIS PRIOR TO COMMENCEMENT OF CONSTRUCTION, COMMENT

TEVACONE PAUL (011)

WINDSTREAM - SUGAR LAND TELEPHONE AT (282-490-9442) MOUSTON BIRCHING COMPANY (712-000-7000)

COMPACT CARLE SME YEAT WAS SON AT 28Y-415-30921

DOM/PRELINE COMPANY (1-800-223-4412)

ATMINST FINERRY (1-866-322-4667)

CONTRACTOR (S-69-54C-6807)

CONTRACTOR (S-69-54C-6807)

TO PROVIDE ANY REQUIRED ADDISTMENTS, ANY DAMAGE TO EXISTING REPROVIDE ANY REQUIRED ADDISTMENTS, ANY DAMAGE TO EXISTING REPROVEMENTS CAUSED AS A RESULT OF THE CONTRACTOR'S WORK WILL BE REPRAISED BY THE CONTRACTOR AT HIS EXPENSE.

- 11. ALL EXISTING LANDSCAPING, FINNES, AND OTHER EXISTING IMPROVERENTS DAMAGED DURING CONSTRUCTION MUST BE REPLACED OR REPAIRED TO THEIR ORIGINAL CONDITION UNLESS SPECIFIED OTHERWISE IN THE CONTRACT DOCUMENTS.
- 12. DELIVERY TICKETS FOR ALL MATERIALS (E.G., CONCRETE, CEMENT STABILIZED SAND, ETC.) SHALL BE MAINTAINED BY THE CONTRACTOR AND UPON REQUEST, BE MADE AVAILABLE FOR REVIEW BY THE ENGINEER.
- THE CONTRACTOR SHALL COMPINE ALL WORK EFFORTS WITHIN THE DESIGNATES AREA (BIGHT-OF-YARY AND EASEMENTS SHOWN ON PLANS), UNLESS SPECIFICALL AUTHORIZED BY OMNER, EXTERNE CAUE SHOULD BE EXERCISED MEAR ASSACEM PROPERTY TO PROTECT ANY EXISTING TREES, AND PROPERTY.
- PROPRETY TO PROTECT ANY EXCENSIVE THES AND PROPERTY.

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- 26. NO TRENCHES SHALL BE LEFT OPEN OR UNATTENDED AT ANY TIME.
- 17. ALL DISTURBED AREA SHALL BE REGRADED, SEEDED OR SODDED, AND FERTILIZED. 18. IN THE EVENT OF A CONFLICT BETWEEN THE CONSTRUCTION PLANS AND TECHNICAL SPECIFICATIONS, THE CONSTRUCTION PLANS SHAUL TAKE PRECEDENCE.

- COLONY.

 2. CASTING SANTANY LINES AND WATER LINES ARE INDICATED BASED ON HERT AVAILABLE INFORMATION. THE ACTUAL LOCATION MAY YASY FROM WHAT'S AND AVAILABLE INFORMATION. THE ACTUAL LOCATION MAY YASY FROM WHAT'S LINES AND AVAILABLE INFORMATION HAVE AN AVAILABLE AND AVAI
- 21. FOR ALL SHORD BY LARGE RE-USED WATER UNES THERE SHALL BE A MINIMUM OF SOME FIRE WATER UNDER THE BEAUTH THE BOBLE OF DAVISHBAT. FOR ALL SHAD OF THE BOBLE OF THE SHALL BE A MINIMUM OF S' OFFSET FROM THE EDGE OF PAYEMENT ALL SHADWAY INTRIBUSECTIONS THERE SHALL BE A MINIMUM OF S' OFFSET FROM THE EDGE OF PAYEMENT FOR ALL BE NOSED WATER UNDER THE BOBLE OF THE BOBLE OF

REALISED WATER LINE CONSTRUCTION HOTES

- 2. ALL RE-USED WATER LINES 2: TO 2: SHALL HAVE A MISINIUM OF 4' OF COVER FROM TOP OF CLUIR TO TUP OF FIFE AND 4' OF COVER FROM MATURAL GROUND FROM THE PROPERTY IS SMOWN FOR CONSTRUCTIVE DIRECT DIRECT SHOWN HAVE SHOWN HAVE A COVER FROM THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF STATE OF THE PROPERTY OF STATE OF THE PROPERTY OF STATE OF THE PROPERTY OF THE PROP
- RE-USED WATER MAIN FITTINGS SHALL BE SUPPORTED WITH CONCRETE THRUST BLOCKING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ADEQUACY OF THE BLOCKING SO AS TO PREVENT LATERAL MOVEMBRY OF SUCH FITCHES WHEN THE WATER WATER WAND PRESSING TESTED AND PUT INTO OPERATION.
- ALL REUSED WATER LINES 2" TO 12" SHALL SE PURPLE POLIVIAYIL CHLORIDE (PVC) COARCRAING TO ANIVAN C-900 OR HIGH DENSITY POLIFERINESHE (HUPE) WITH PURPLE HARKINGS CONFORMEN TO ANIVA C-900- OR APPROVED ECULL. IT HOSE POF IS I USED, THE CONTRACTOR SHALL USE A PIRE SIZE LARGER THAN MIXCATED ON THE PLANS FOR POPEL LARGER THAN MIXCATED ON THE PLANS FOR PEDEL LARGER THAN ANICATED ON THE PLANS FOR PEDEL LARGER THAN ANICATES. SET PAUL SET ON.

THE DWOLLD CO.							
CALLOGI	PVC 0-900	HOPE C-100					
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4	4 "	4					
6	6	8					
8	8	10					
10	70	12					
12	12	14					
14	14	15					
- 16	1.6	18					
18	19	20					

- 4. THE CENTERLINE OF FLUSH VALVES ARE TO BE LOCATED 3'4" FROM THE BACK OF CLINE WITH THE BASE OF FLUSHING VALVE TO BE 0" TO 0" ABOVE THE ADD. HERSING DARKS THE BOOT OF ALL PLUSH VALVES SHALL RECARRIED BEAUT. THE BOOK SHALL BE PARTITED VARIES. WHITE PLUSH VALVES SHALL RECARRIED BEAUT. THE SHALL BE PARTITED VALVES WHITE PLUSH VALVES WAS ARRANGED. NO DECEMBER. THE DENINGES SYSTEM IS PREPART TO:
- 5. WHEREVER POSSIBLE, ALL MAIN LINE GATE VALVES ARE TO BE LOCATED OPPOSITE BANGING FIRMS AS EMPIRAL TED.
- PREVIOUS PREVIOUS PREVIOUS PROPRIET AND EXECUTIVE CAST VALVES. CONTACT THE DESCRIPTION OF THE PREVIOUS PREVIOU
- O. MARTIAM A MINIMUM OF 9 PEET OF WALL TO WALL SEPARATION BETWEEN ALLISE WATER LINES AND POTABLE WATER LINES, MAINTAIN A MINIMUM OF 3 PEET OF WALL TO WALL SEPARATION BETWEEN REJUSED WATER LINES AND SANTIARY SEVENS DAYLOW
- 8. AT LEAST ONE KONT OF RE-USED WATER UNE PIPE SHALL BE INSTALLED BETWEEN A GATE VALUE AND A PLUK OM ANY DEAD-PUD LINE.
- FIUSH VALVES SHALL BE AMERICAN DARLING 5-1/2" B-84-8, WRIELLER SUPER CENTURION A-429 OR APPROVED EQUIAL THE FLUSH VALVES SHALL MEET THE RECOMPRESENS OF U.244.
- 10. RE-USED WATER LIMES SHALL BE LOCATED 2 FEET BELOW POTABLE WATER LIMES AT AST CROSSING.

- ALE PUBLIC SIDEWALKS MARALLEL TO THE FRONT AND SIDE PROPERTY LINES SHALL BE FOUR FEET 14"] IN WIDTH AND CONSTRUCTED OF CONCRETE, NOT LESS THAN FOUR INCHES 14" IN THISCRIESS, WHIST FOULD INJUST LOCATED FIVE FEET (5)" OR CENTER AND 1"A" REDWINGOD EXPANSION JOINTS WITH 18":12" REPAR ON 12" CAPTERS.
- SIDEWALKS SHALL HE STANDARD BROOM FINEN CONCRETE WITH A POUR INCH (4") SIACOTTR "PICTURE FRAME" BORDER AROURD EACH S'ID" AFOT SECTION.
- SIDEWALKS ACROSS THE FRONT PROPERTY LINE (AND SIDE PROPERTY LINE ON CORNER LOTS). SHALL BE LOCATED WITHIN THE RIGHT-OF-WAY, SIX INCHES (6°) FROM THE PROPERTY LINE.

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WHEN EXCAVATING WITHIN EIGHTEEN MICHES (18°) OF THE INDICATED LOCATION OF CENTERPOINT ENERGY FACULTIES, ALL EUCAVATION MUST BE ACCOMPUSHED USING NON-HIGHANIZED EXCAVATION PROCEDURES.

FOR EMERGENCIES REGARDING GAS LIMPS CALL (713)659-3552 OR (713)207-4200. THE CONTRACTOR IS FIALLY RESPONSIBLE FOR ANY DAMAGES CAUSED BY HIS FAILURE TO EXACULT LICICATE AND PRESERVE THESE LINDERCROUND FACE ITIES.

SWIGHING CHARLESON FIRSTEIN JOHN

OVERHADO LINES ANY BOST ON THE PROPERTY. THE LOCATION OF OVERHEAD LINES HAVE BOST ON THE PROPERTY. THE LOCATION OF OVERHEAD LINES HAS BOT SEED SHOWN ON THESE DEAVINESS AS THE LINES AND CLORARY OFFICE AND SHOWN OF THESE DEAVINESS AS THE LINES AND CLORARY OFFICE AND SHOWN OF THE PROPERTY OF BEGINNING AND OBSTRUCTION, TOOK LINES, SECTION 35, HEAVIN & SAFETY COLD FOR MICE. SHOWN OF THE OWN OFFICE LINES, SPECIFICALITY.

ANY ACTIVITY WHERE PERSONS OR THINGS MAY COME WITHIN SIX (6) FEET OF LIVE OVERHEAD HIGH VOLTAGE LINES: AND

OPERATING A CRANE DERICO, POWER SHOVEL DRILLING HIS, PILE DRIVER, HOLSTING EQUIPMENT, OR SIMILAR APPARATUS WITHIN 10 PEET OF LIVE ONGERIESH DELIVEY WITHIN 10 PEET OF LIVE

PARTIES RESPONSIBLE FOR THE WORK, INCLUDING CONTRACTORS ARE LEGALLY RESPONSIBLE FOR THE SAFETY OF CONSTRUCTION WORKERS UNDER THE LAW. THIS LAW CORNES BOTH CRIMINAL AND CARLES HE DARRACKERS IN INC. TO BE TURNED OF OR REMOVED CALL CENTERPORTE ENERGY AT (T.13) 207-2222.

. APTIMITES, TOUGH ACROSS PROTEINGUIST ENERGY BEFORE FASIKATION DROBERTY

NO. APPROVAL TO USE, CROSS OR OCCUPY CENTERPOINT FEE OR EASINGTH PROPERTY SOURCE TO USE CONTROL THE CO. EASINGTH POLICY FOR SIZE TO USE CONTROL OF ROOPERTY, PLEASE CONTRACT CUR SURVETING & RIGHT OF WAY DIVISION AT [718] 207-6948 OR [718] 207-6948.

ENDT BEND COUNTY

CONSTRUCTION_GENERAL MOTES

- 1 FORT SEAR COLLETY ASSET DE IMPIER TO THE DRE COMPTRI INTROS MÉCTAIX
- CONTRACTOR SHALL NOTEY FORT SENIO COUNTY EXGREERING DEPARTMENT AS HOURS PROR TO COMMENCING CONSTRUCTION AND 48 HOUR MOTICE TO ANY CONSTRUCTION ACTIVITY WITHIN THE LIMITS OF THE PAVAGAT COAKTRI KTECHREFORTHENDOU BITYTY GVV
- CONTRACTOR IS OFFICEABLE FOR COTABLES AND PERSON RECORDED FROM FORT REND COUNTY PRICE TO COMMENCING COMSTRUCTION OF ANY
- ALL PAVING IMPROVEMENTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH SAFT SEND COUNTY SOLDER DEGREE ATTOMIC AND BETWEENTS DELATING TO THE APPROVAL AND ACCEPTANCE OF REPROVEMENTS IN SUBDRISSONS AS
- 5. ALL ROAD WIDTHS CLERB RADII AND CURB ALIGNMENT SHOWN INDICATES BACK OF CURB
- 6. A CONTINUOUS LONGITUDINAL SEINFORCING BAR SMALL RE USED IN THE NIDES
- ALL COMPOSITE DAVISMENT QUAL BE S. M. CACY COMPUT WITH A MINIMUSE COMPRESSIVE STRENGTH OF 8500 PSI AT 28 DAYS, TRANSVERSE EXPANSION JOINTS SHALL RE INSTALLED AT EACH CLERB RETURN AND AT A MAXIMUM SPACING OF 80 FEET.
- ALL WEATHER ACCESS TO ALL EXISTING STREETS AND DRIVENAYS SHALL BE MAINTAINED AT ALL TIMES.
- FX 12' DEINEODOED COMORETE CIRRI SHALL DE PLACED IN ERONT CE SINGLE FAMILY LOTS CHLY, ALL OTHER AREAS SHALL BE & REINFORCED
- AT ALL INTERSECTION LOCATIONS, TYPE 7 FAMPS SHALL BE PLACE IN ACCORDANCE WITH TXDOT PED-12A STANDARD DETAIL SHEET, A.D.A. HANDICAP RAMPS SHALL BE INSTALLED WITH STREET PAVING AT ALL INTERSECTIONS AND COMPLY WITH CURRENT A D.A. REGULATIONS.
- 11. CURB HEADERS ARE REQUIRED AT CURB CONNECTIONS TO HANDICAP RAMPS, WITH NO CONSTRUCTION JOINT WITHIN 5' OF RAMPS.
- 12. ALL INTERSECTIONS LITILIZING TRAFFIC CONTROL MEASURES SHALL HAVE
- 19. CHINGH NESS ARE SET EMPTH OF THE TEVAS SHAMINE ON EMPORTE TRAFFIC CONTROL DEVICES, AS CURRENTLY AMENDED, SHALL BE DISSERVED. THE
 CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ADEQUATE. FLAGNIEN, SKINING, STRIPPING AND WARRING DEVICES, ETC., DURING CONSTRUCTION - BOTH DAY AND NIGHT.
- 14. ALL R1-1 STOP SIGNIS SHALL RE 201/201/WITH DIAMOND GRADE SHEETING PER TEVAN MARIAL ON THE PROPERTY CONTROL INC.
- 15. STREET NAME SIGNAGE SHALL BE ON A \$5. HIGH SIGN FLAT BLADE MADES COTTUE CONTRA DACKSDOUND STOFFT MANER SHALL BE HAVED AND LOWERCASE LETTERING WITH UPPERCASE LETTERS OF 8" WINNOWN AND LOWERCASE LETTERS OF A 5" MINISTERS THE LETTERS BHALL BE REFLECTIVE
- 16. A RECEDINARI E REPRETENZATORIZED RETTON SHALL REPLACED AT ALL PRESIDERAN LOCATIONS. THE BUTTON SHALL BE PLACED 12 INCHES OFF OF THE CENTERSIN STREET ON THE SAME SIDE AS THE HYDRANT.



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12/16/16

DEDICATED BY: 24PM DESIGN CHECKED BY: JRV QA/CC REVISIONS BY: PLM

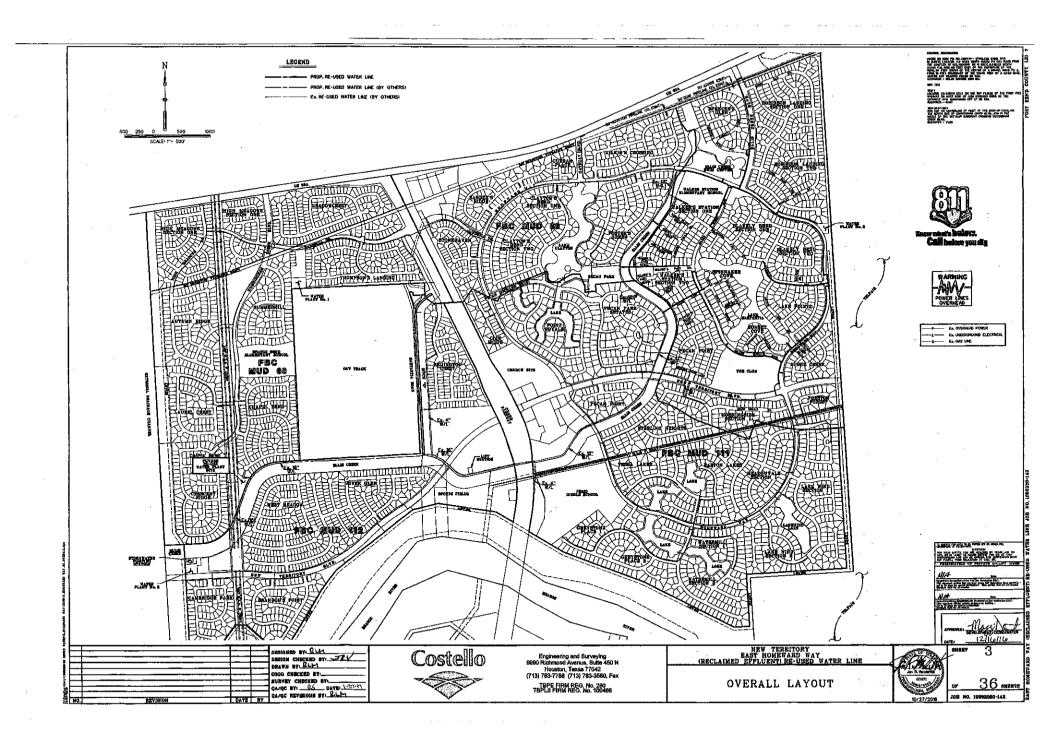


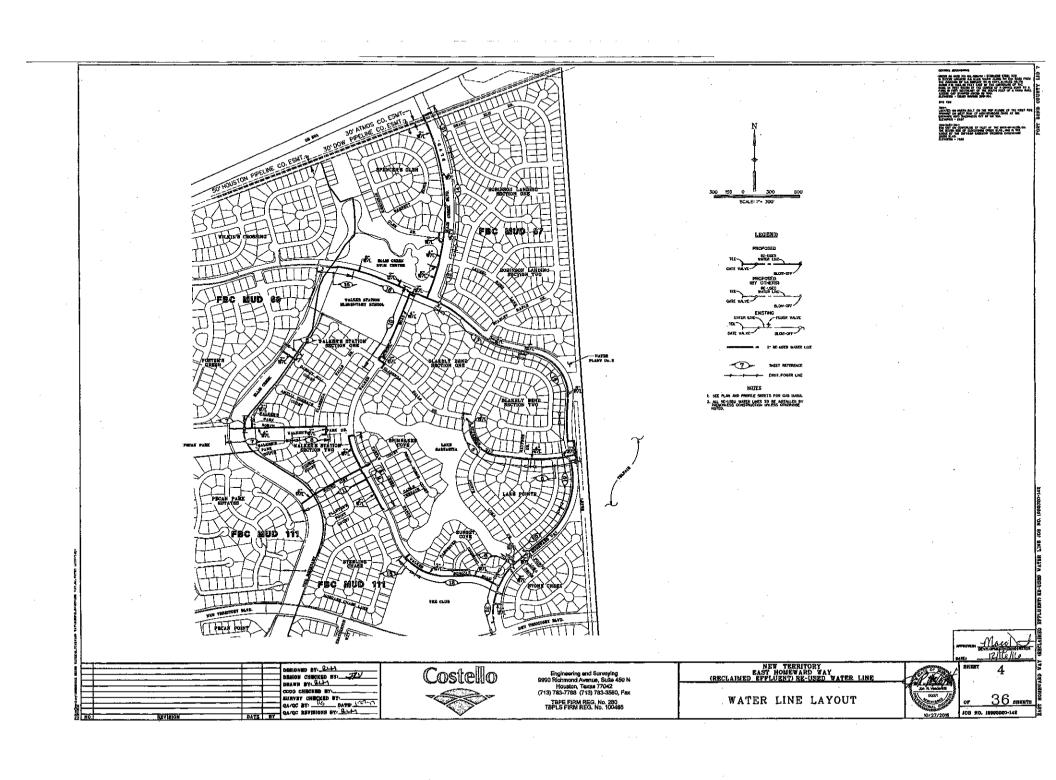
Engineering and Surveying Engineering and Surveying 9990 Richmond Avenue, Suite 450 N Houstor, Texas 77042 (713) 783-7788 (713) 783-3680, Fax TOPE FIRM REG. No. 280 TSPLS FIRM REG. No. 100486

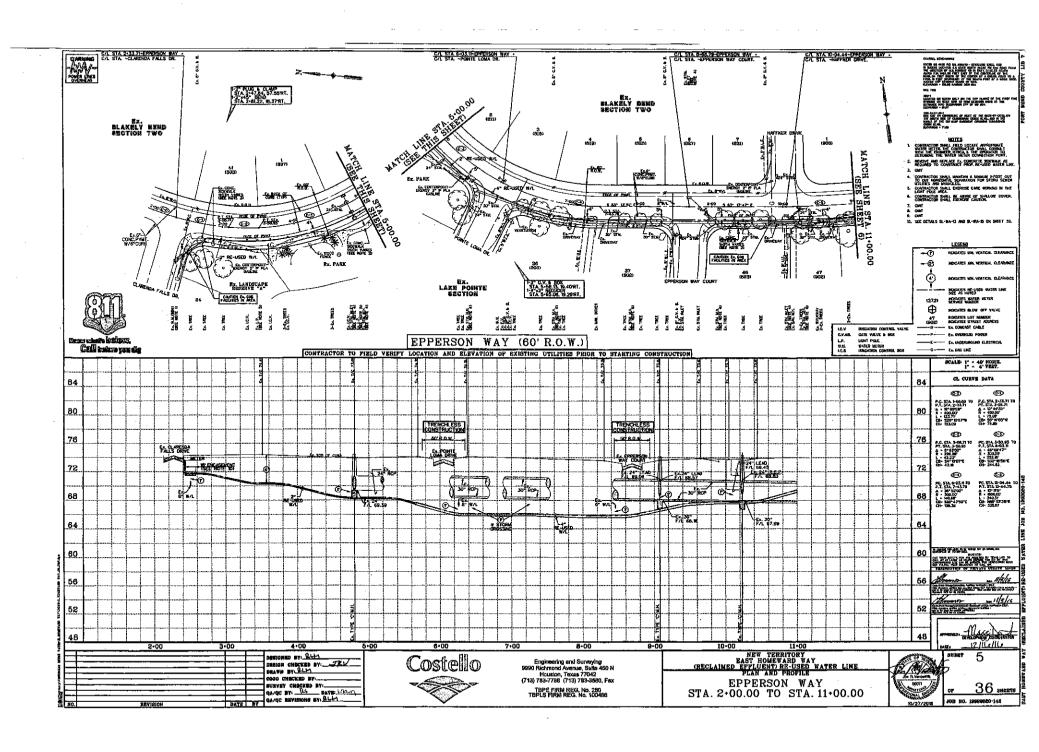
NEW TERRITORY
EAST HOMEWARD WAY
(RECLAIMED EFFLUENT) RE-USED WATER LINE CONSTRUCTION NOTES

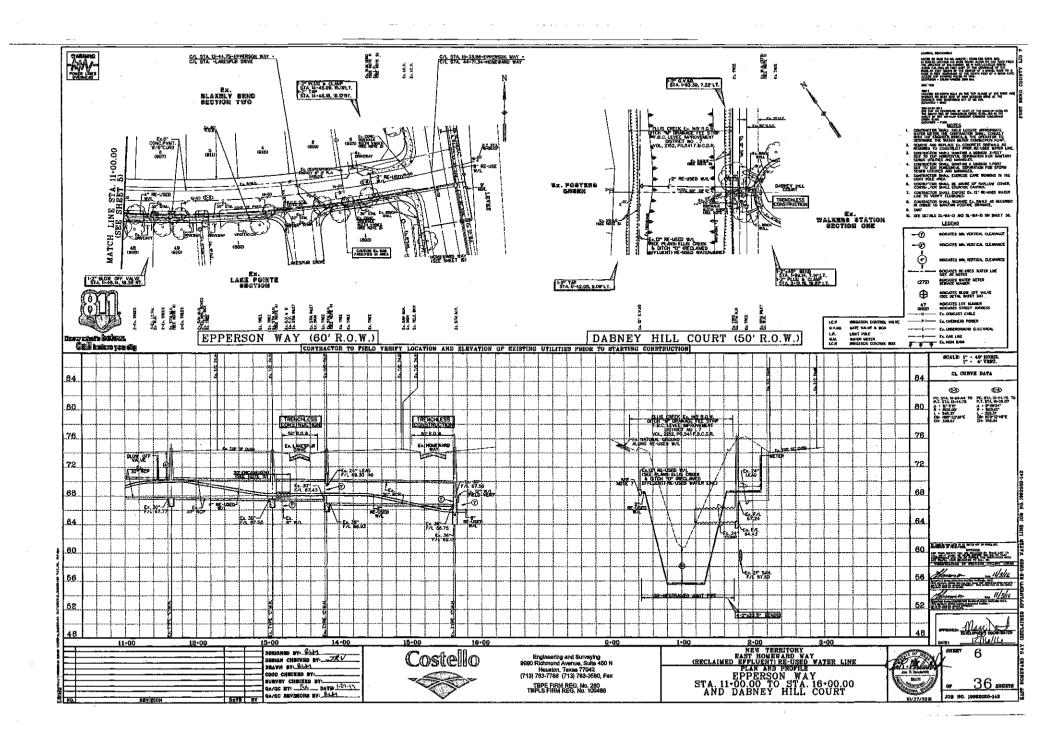


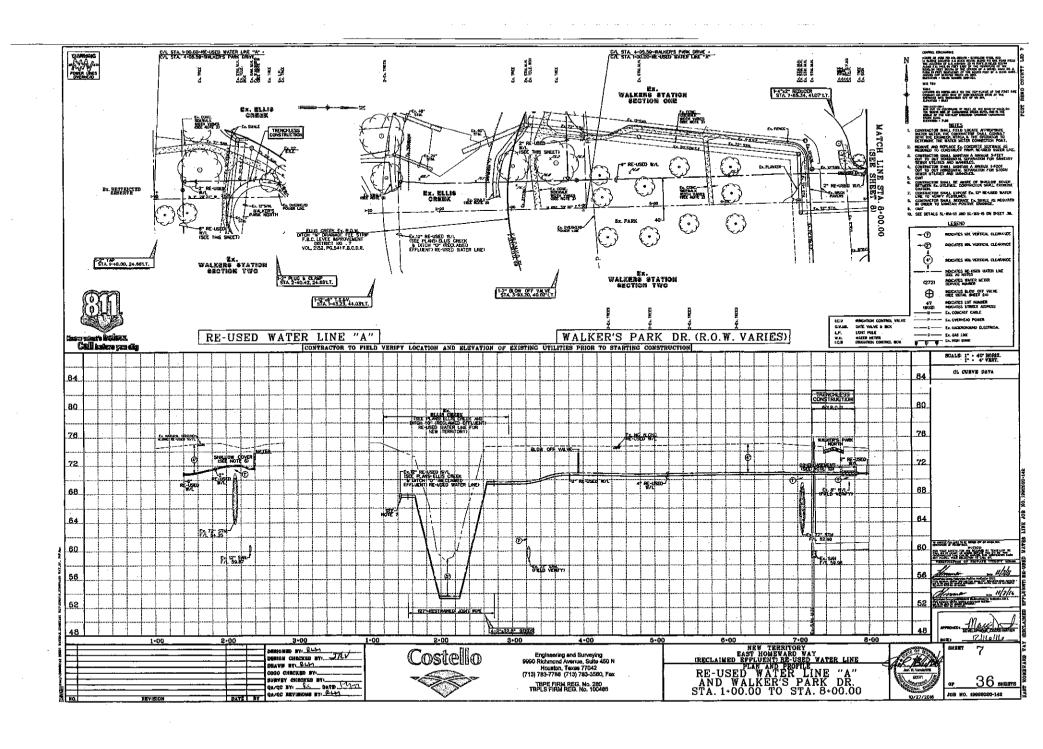
36 shares JOB NO. 1909E0E0-142

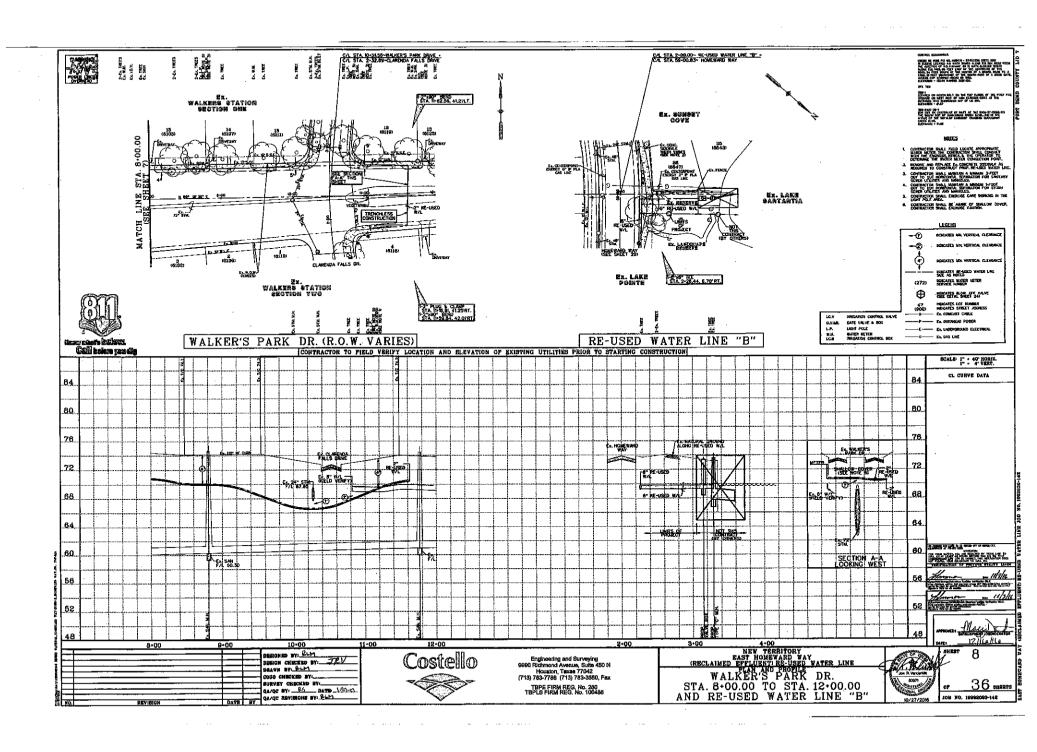


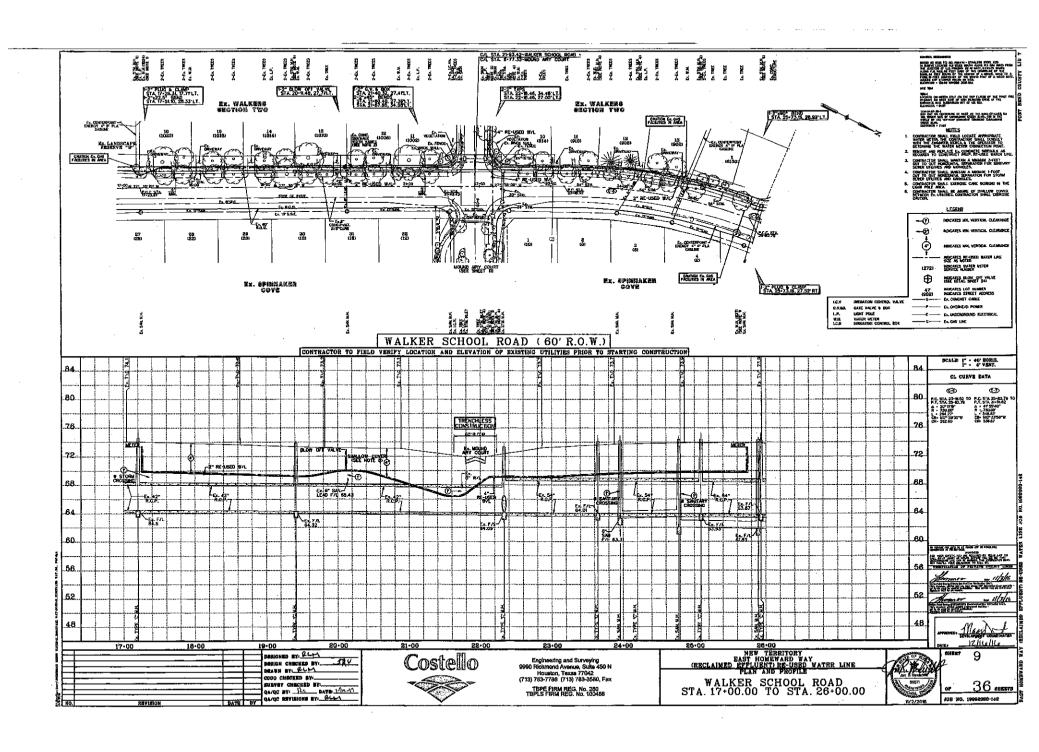


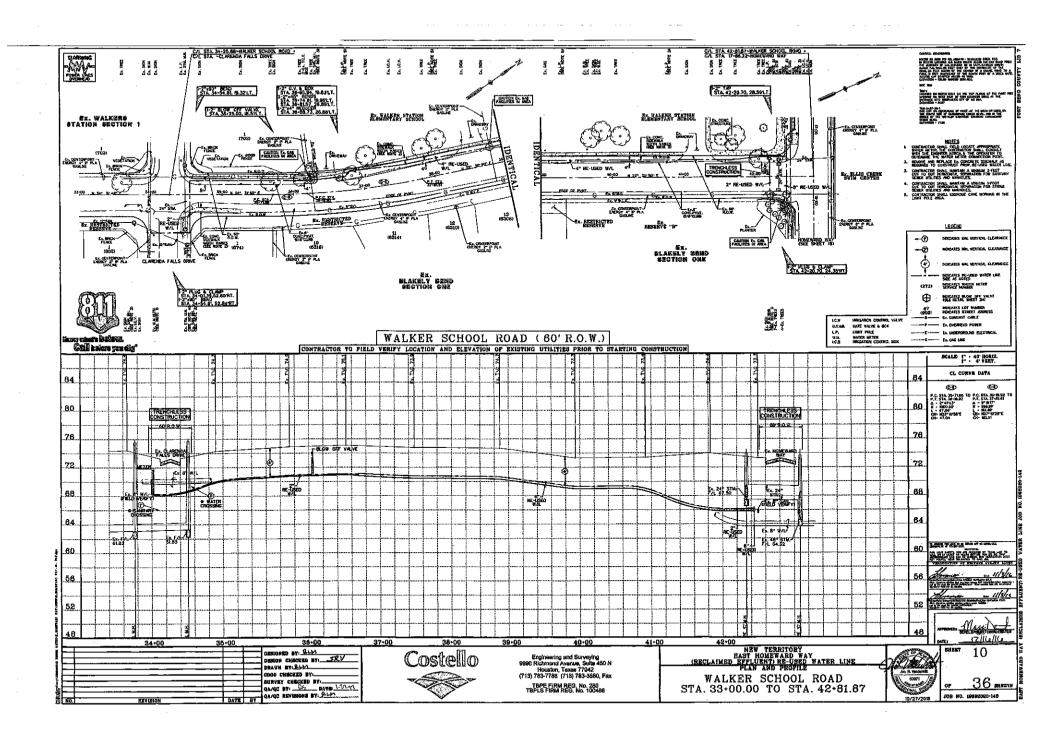


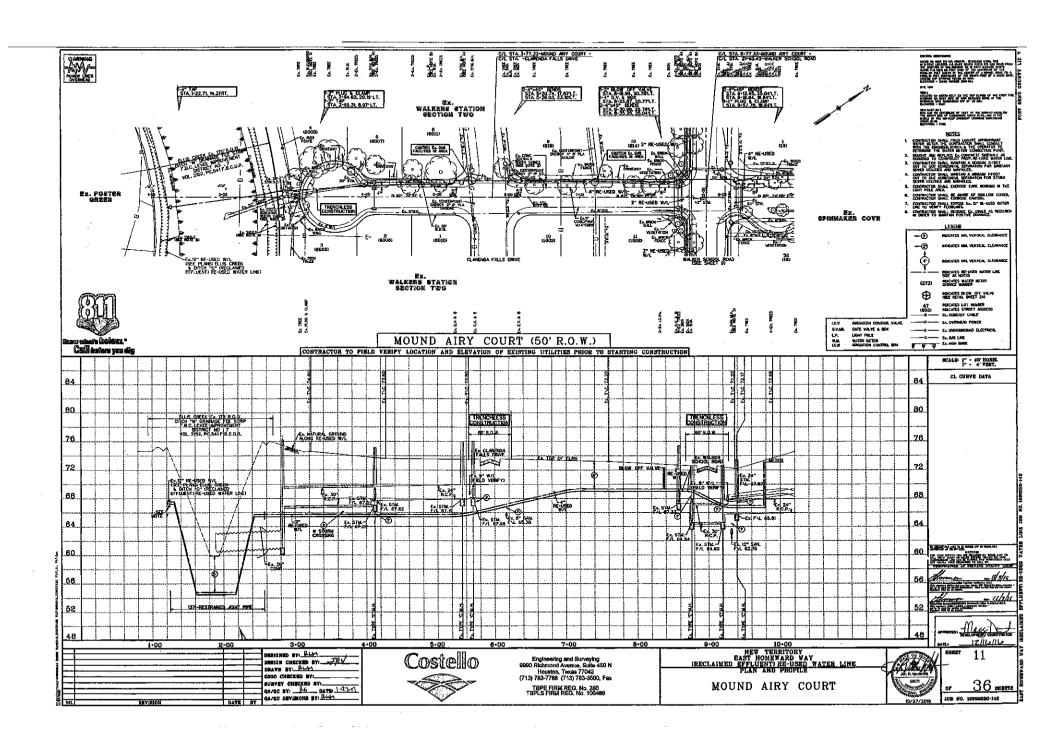


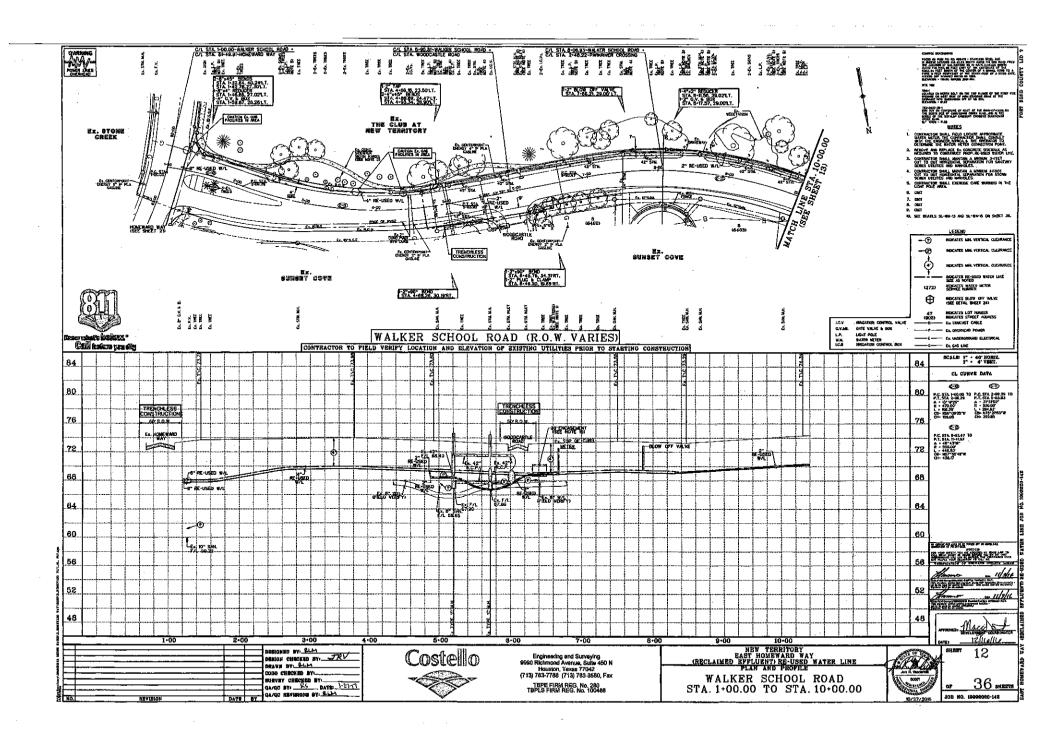


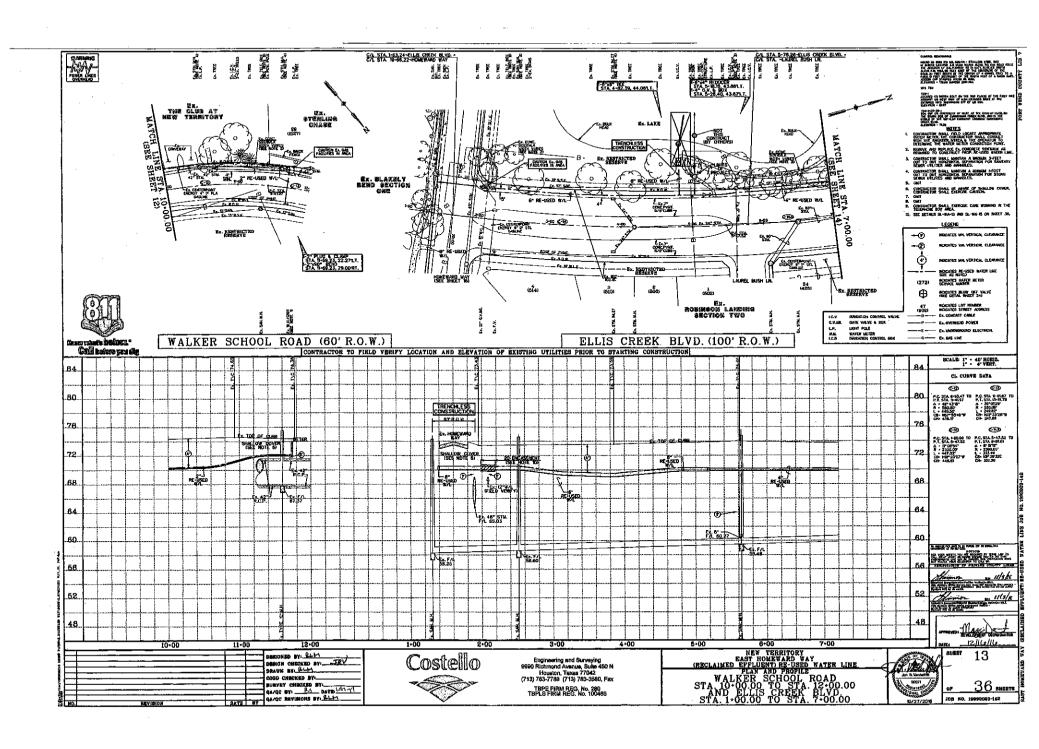


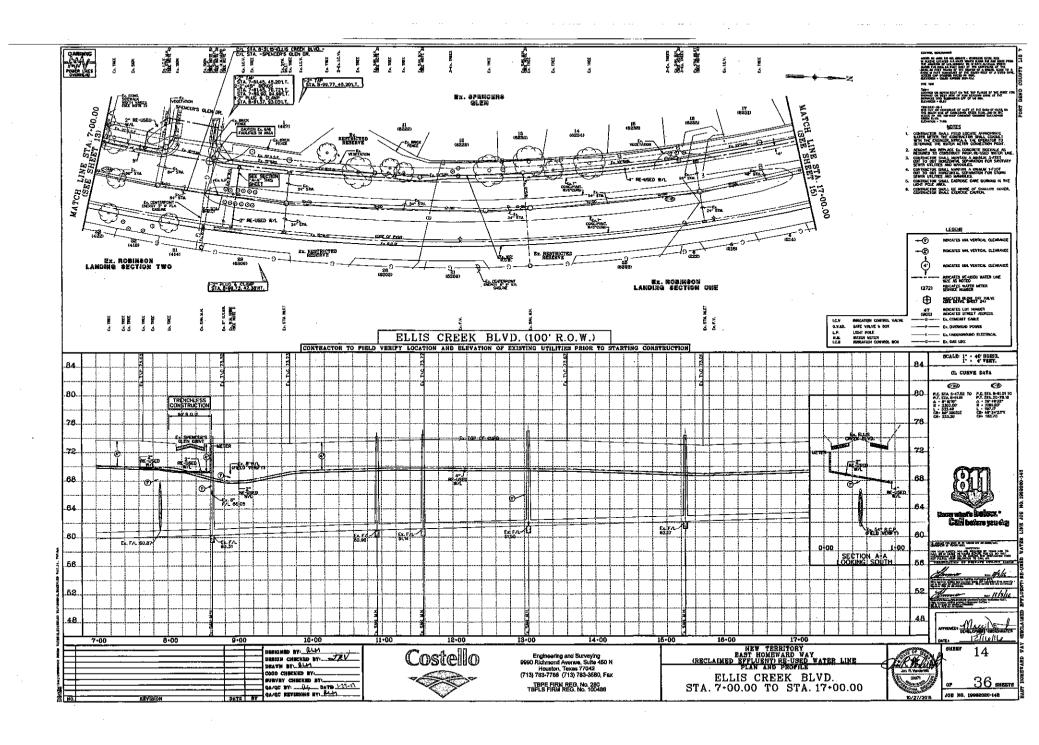


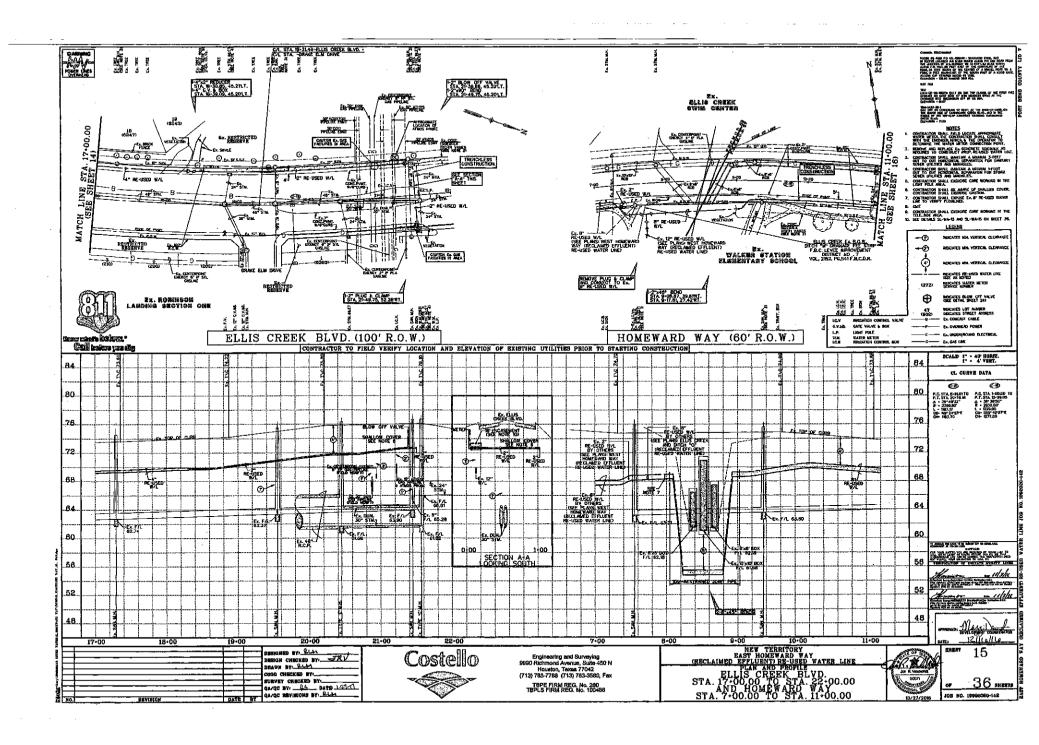


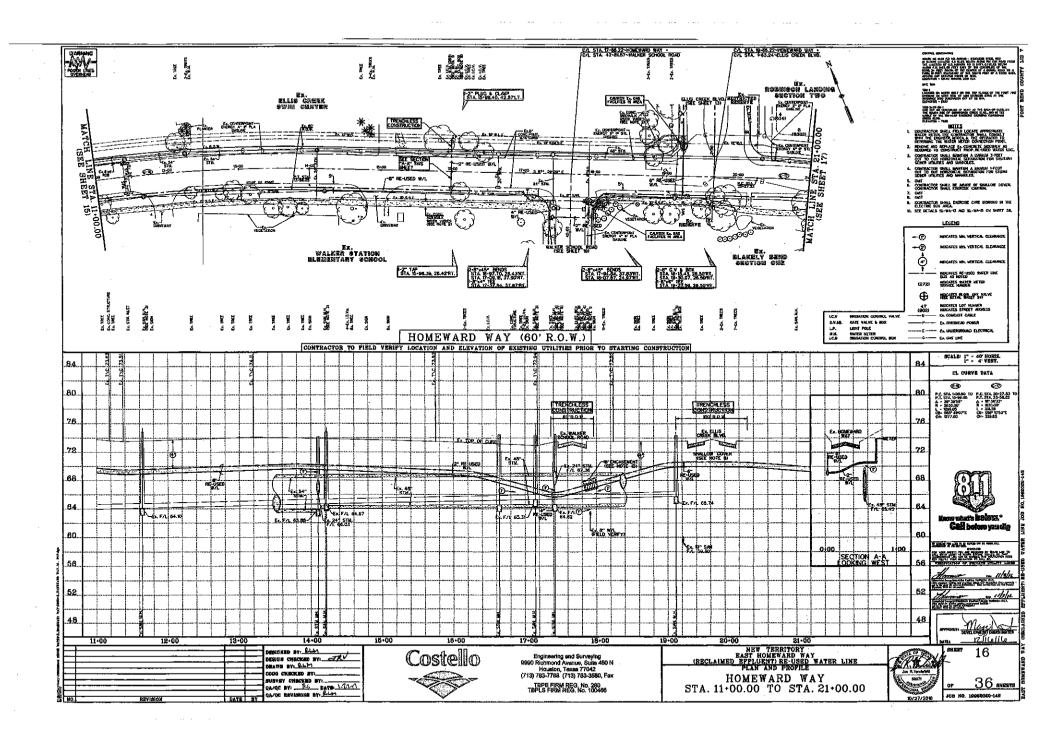


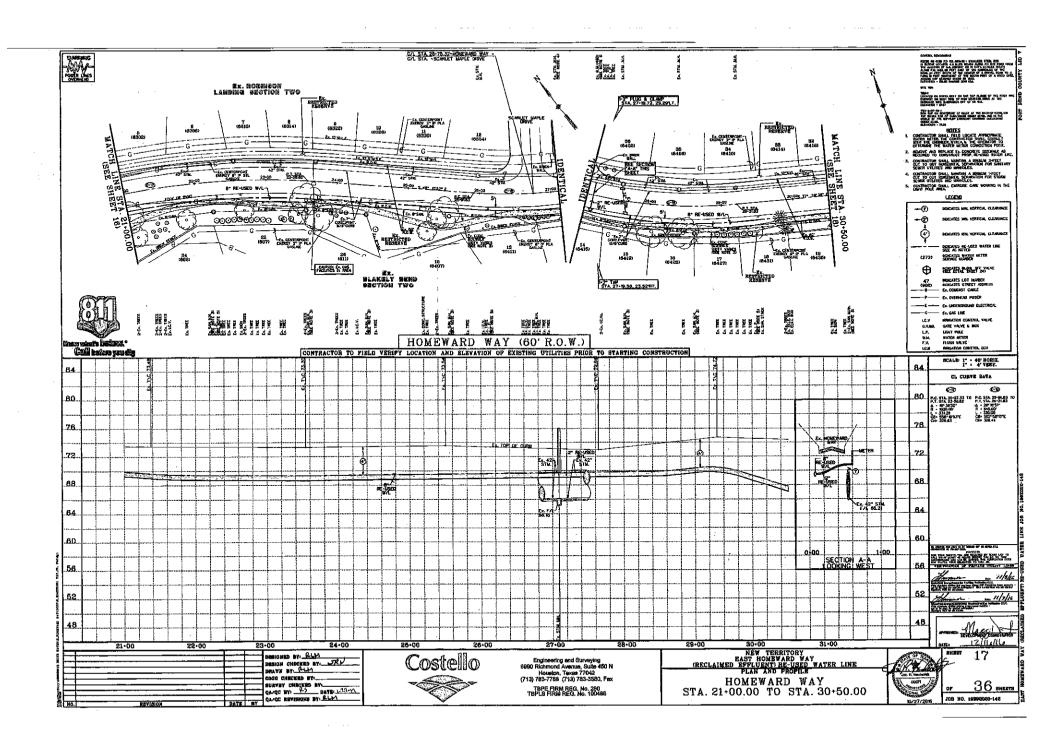


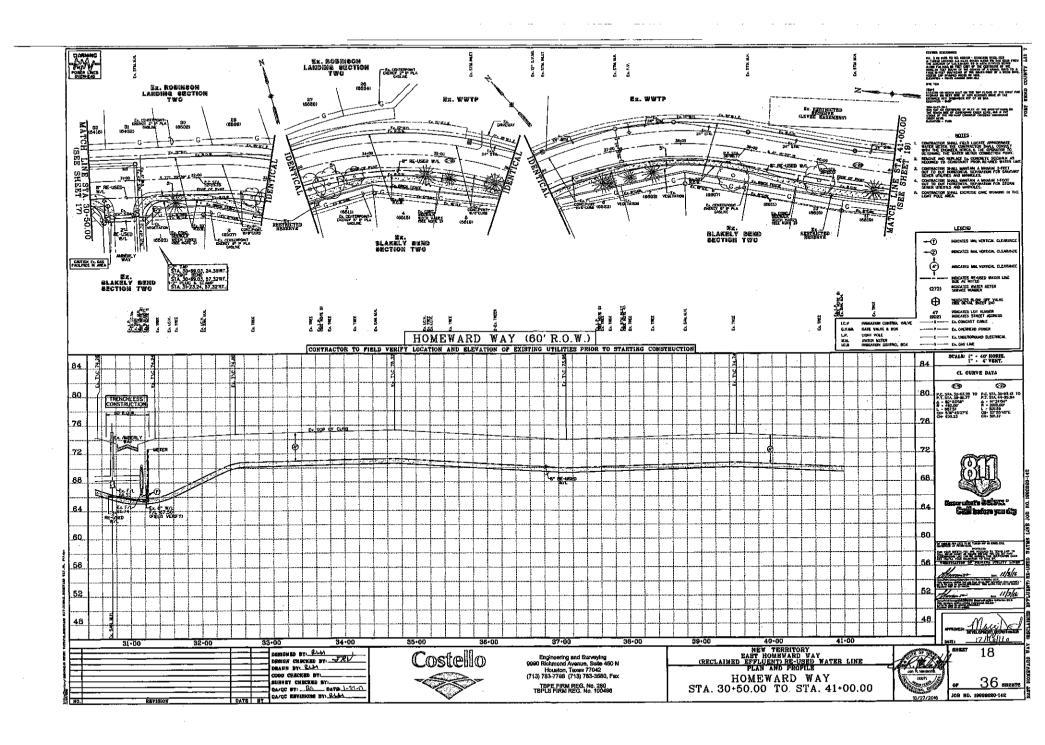


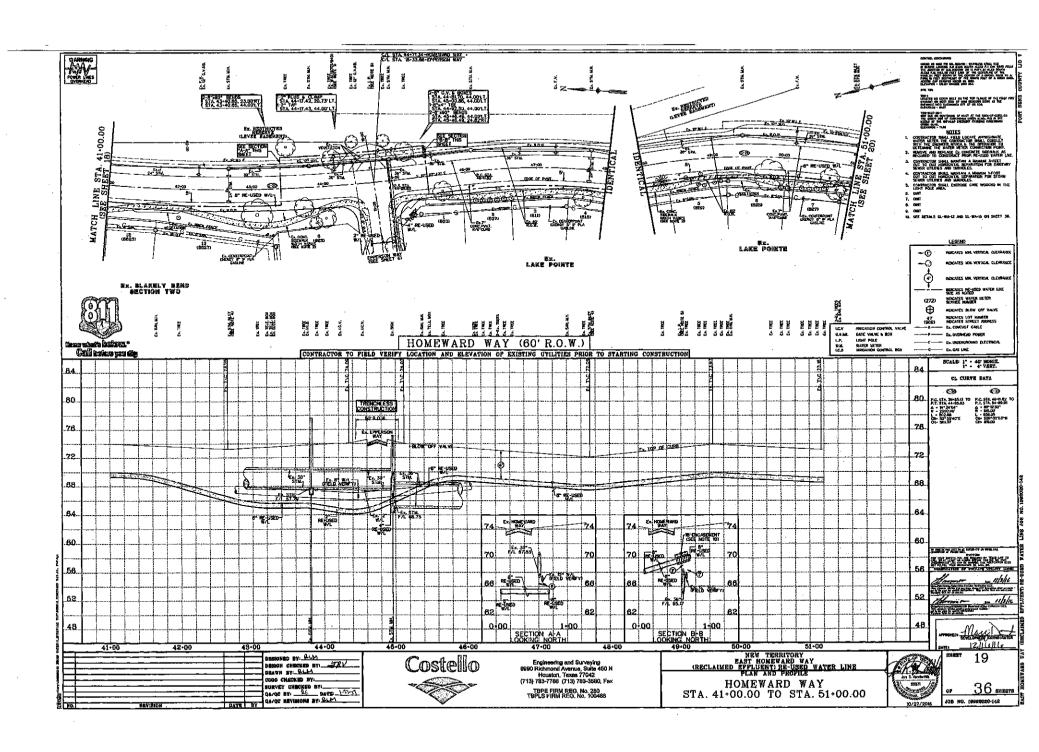


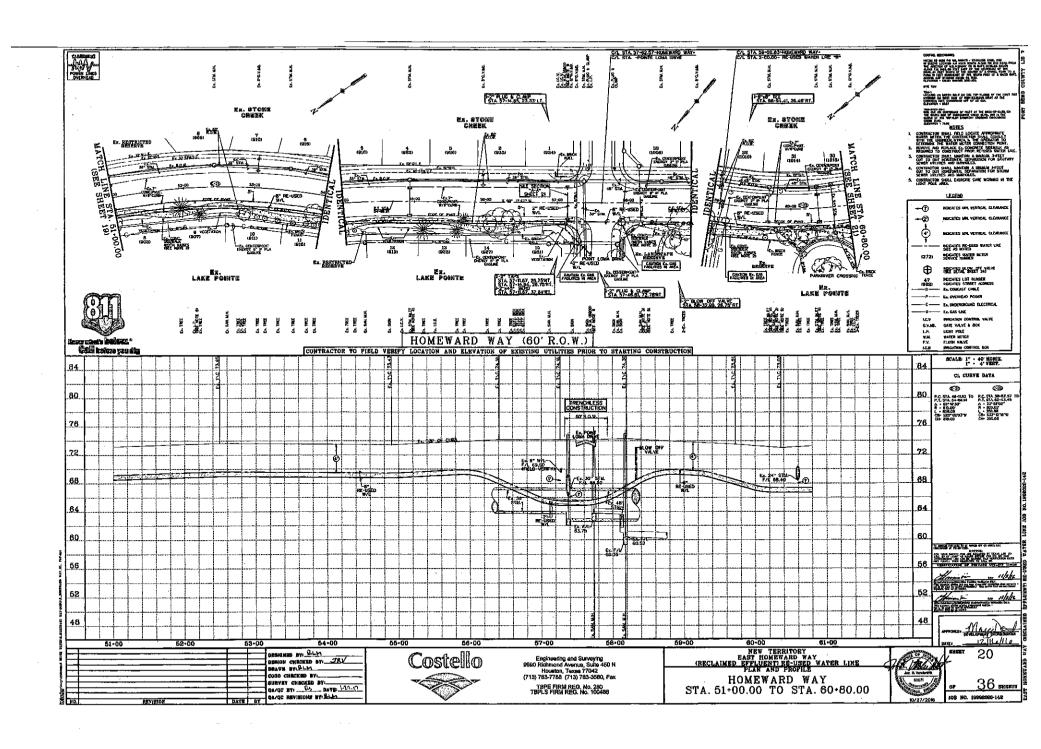


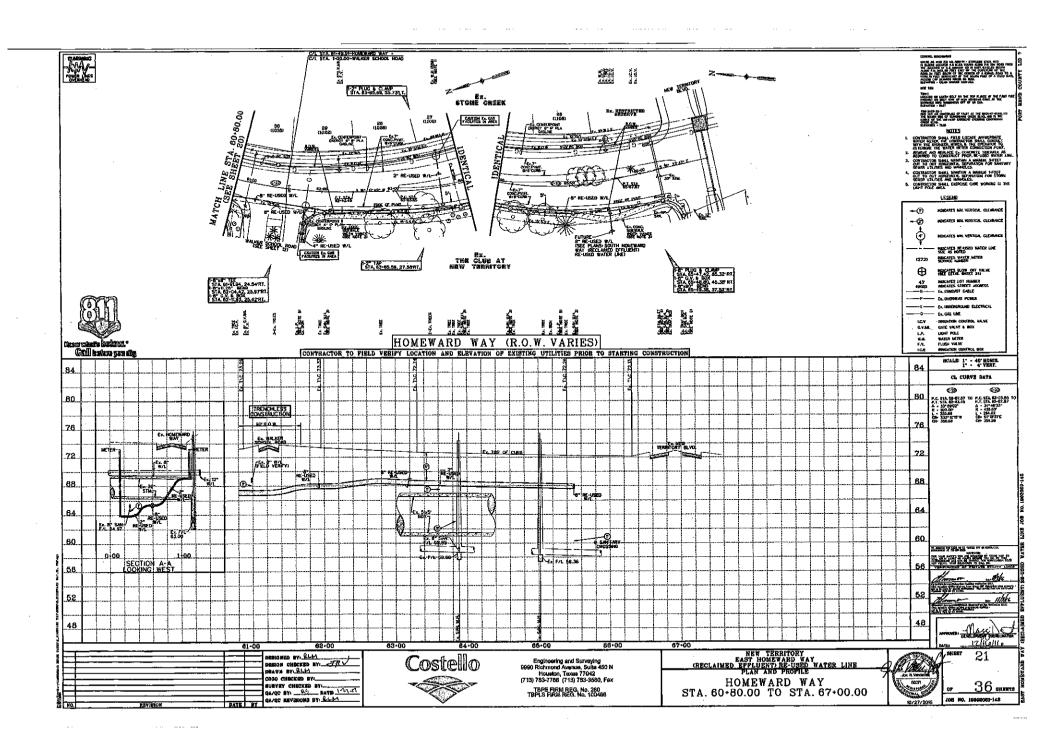


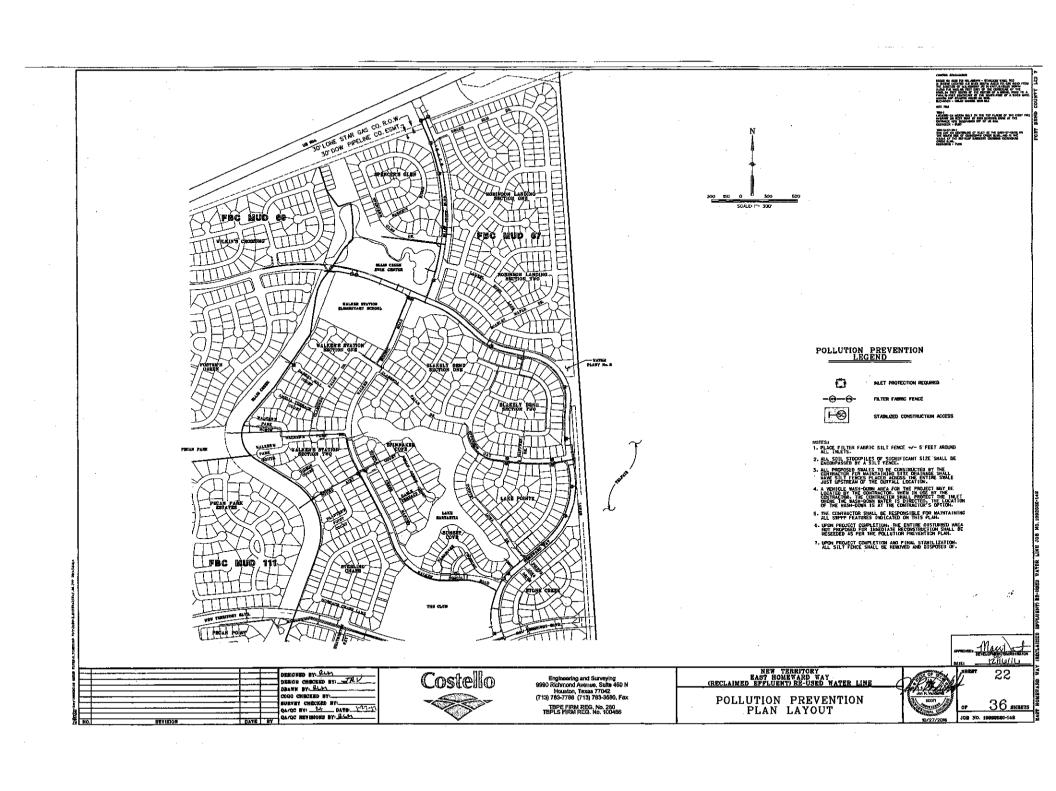


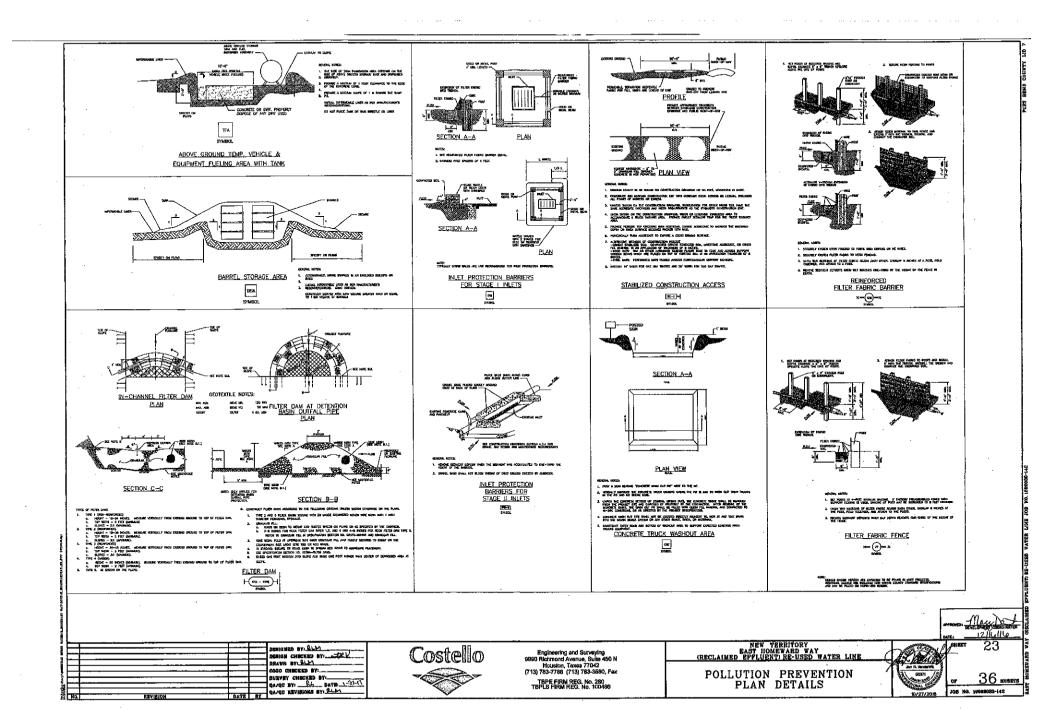


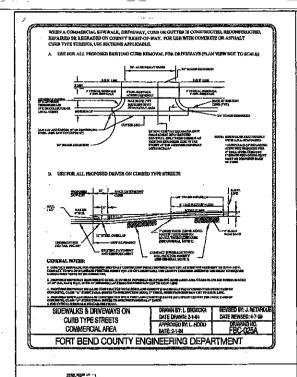














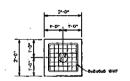
- SAW CUT EXISTING CURB AT EACH END AND KNOCK OUT CURB FROM
- SAY CUT EXISTING PAYCMENT A MINIMUM OF 18" INCHES AWAY FROM BACK OF CURB (GUTTER LINE) AND BREAK OUT TO EXPOSE EXISTING REPUTOREMENT SHE
- COMPACT SUBGRADE FOR PROPOSED DRIVEWAY CONNECTION FROM PROPOSED SAW OUT AT EXISTING PAYEMENT TO RECHT—OF—WAY LINE, COMPACT TO 80% OF STANDARD PROFICE DESISTY (*-7 2% OPT. MOSTARE). THE COUNTY ENGINEER RESERVES THE RIGHT TO REQUIRE LAGORATION TESTS TO BE COMPUTED.
- 4. PLACE AND COMPACT 4" CLEAN BANK SAND.
- 5. MAINTAIN GUTTER USE WITH FACE OF EXISTING CURB.
- PROPOSED DRIVEWAY REINFORCING STEEL IS TO BE TIED TO EXISTING ROADWAY REINFORCING STEEL WITH A MINIMUM LAP OF 12 INCHES.
- 7. PROPOSED DENEMY REINFORCING STEEL IS TO 85 \$4 DEFORMED RE-MERCHINE BARS. (ASTM ANS. GRADE B), UNIXESS NOTED.) SPACED AT 24 MORES CC., EAR WAY, WITH A WORD BY MERCHINE OF WAY. NO. 1 WE AS ALTERBATE.) FROM PROPOSED SAW CUT TO RICHT-OF-WAY. UNIX.
- 8. PROPOSED DRIVEWAY, CURB, GUTTER LIKE, AND GRADE SHALL MATCH EXISTING STREET.
- PROPOSED DRIVEWRY SHALL BE CONSTRUCTED WITH PORTLAND CEMENT CONCRETE, CLASS "A" STRUCTURAL (REFER TO SPECIFICATION 03301), 7 NOVERS THACK, FROM PROPOSED SAW CUT TO RIGHT-DE-HAY LINE (PROPERTY LINE).
- 10. PROPOSED SIDEMALK SHALL BE CONSTRUCTED WITH PORTLAND GEMENT CONCRETE, CLASS "A" STRUCTURAL (RESER TO SPECIFICATION 03301), 4 NOVIES THICK AND 4 FEET MINISHUM WIDTH. SEE DRAWING NO. FEC 24A FOR ADDITIONAL INFORMATION AND GETALS.

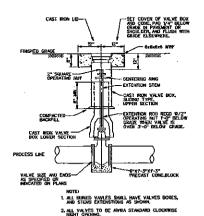
CONSTRUCTION NOTES FOR SIDEWALKS & DRIVEWAYS WITH CURB TYPE STREETS COMMERCIAL AREA

DRAWN BY: L BRIDECKA REVISED BY: L BRIDECKA DATE DRAWN: 2-1-94 DATE REVISED: 3-10-05 APPROVED BY: L. HOOD, DRAWING NO. DATE: 2-1-94

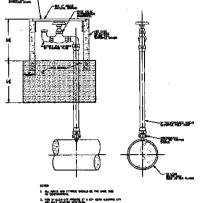
FBC-025B

FORT BEND COUNTY ENGINEERING DEPARTMENT





BURIED GATE VALVE BOX



2" BLOW-OFF VALVE N.T.S.

DESCRIED BY: BLAN DESTON CHECKED BY: -771 SUBVEY CHECERO SY-QA/QC REVISIONS BY. O.L.

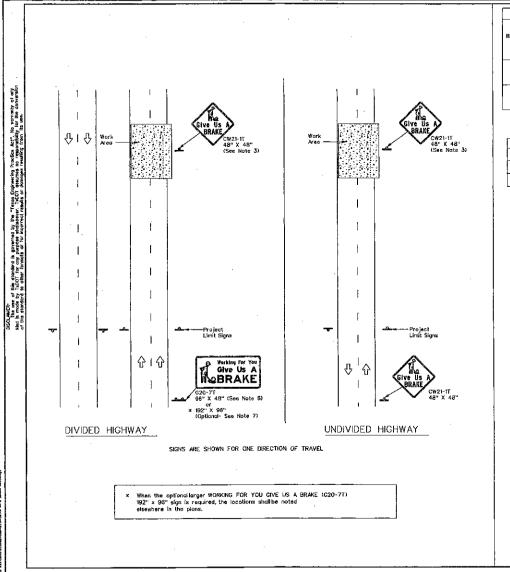


Engineering and Surveying 9890 Richmond Avenue, Suite 450 N Houston, Texas 77042 (713) 783-7788 (713) 783-3580, Fax TRPE FIRM REG. No. 280 TBPLS FIRM REG. No. 100486

new territory East Homeward Way (Reclaimed Effluent) Re-USED Water Line

MISCELLANEOUS DETAILS





SUMMARY OF LARGE SIGNS									
BACKGROUND COLOR	SIGN DESIGNATION SIGN	SIGN	SIGN DIMENSIONS	REFLECTIVE SHEETING	SQ FT	GALVANIZED STRUCTURAL STEEL			ORILLED SHAFT
COLOR						Size	① (U)		24" DIA. (LF)
Orange	620-7T	PARAKE	96" X 46"	Type B _{FL} or C _{FL}	32	A	4	Δ	A
Orange	G20-7T	MADRAKE	192" X 96"	Type B _{FL} or C _{FL}	128	W8x18	16	17	12

▲ See Note 6 Below

LEGEND				
ــــــــ Sign				
	Large Sign			
✧	Traffic Flow			

DEPARTMENTAL MATERIAL SPECIFICATIONS					
PLYWOOD SIGN BLANKS		DMS-7100			
ALUMNUM SIGN BLANKS		DMS-7110			
SIGN FACE MATERIALS		DMS-8300			

COLOR	USAGE	SHEETING MATERIAL			
ORANGE	BACKGROUND	TYPE B _{FL} OR TYPE C _{FL}			
BI ACK	LEGEND & BORDERS	NON-REFLECTIVE ACRYLIC FILM			

GENERAL NOTES

- 1, See BC and SMD sheets for additional sign support details.
- 2. Sign locations shall be approved by the Engineer.
- For projects more than two miles in length, Give Us a BRAKE signs should be repeated halfway through the project. The Give Us a Brake (CWZ1-TT) may be used for this purpose.
- Work zone speed limits are sometimes used in conjunction with GIVE US A BRAKE signing. See 8C(3) for location and spacing of construction speed zone signing when required.
- Give Us a Brake (CW21-1T) signs and supports shall be considered subsidiary to Rem. 502, "Barricades, Signs and Traffic Handling."
- 6. The 96" X 48" Working For You Give Us A BRAKE (G20-71) may use a 1/2" or 5/8" plywood substrate or 0.125" duminum sheeting substrate and may be supported by two 4" x 6" wood posts with drilled holes for breakoway as per BC(5) and will be subsidiary to them 502.
- 7. The Working For You Give Us A BRAKE, (G20-7T) 192" X 96" sign shall be poid for under the following specification items:

 1. The Manager of the State of State of

8. Alsigns shall be constructed in accordance with the details found in the "Standard Highway Sign Designs for Texas," latest edition. Sign details not shown in this manual shall be shown in the plans or the Engineer shall provide a detail to the Contractor before the sign is manufactured.

| Texas Department of Transportation

WORK ZONE "GIVE US A BRAKE" SIGNS

WZ(BRK)-13

uz wabrie-13.den	too T	-007	CK: TMBOT DIR	Tx001 ⇔ Tx001	
OTHOR August 1995	CONT	207	408	MEDIENY	
AEVISIONS .				Г <u></u>	
5-98 5-98 7-13	857	-	COUNTY	ENDET INO.	
8-98 3-03		1			
38					

BIGHIBO BY: PLM DESIGN CHECKED BY: JRV DRAWN BY: 44-14 SHREET CHECKED BY:_.. QA/QC BY: 45 DATE 1-12-1 QAZQC BEVISIONS MY SALM

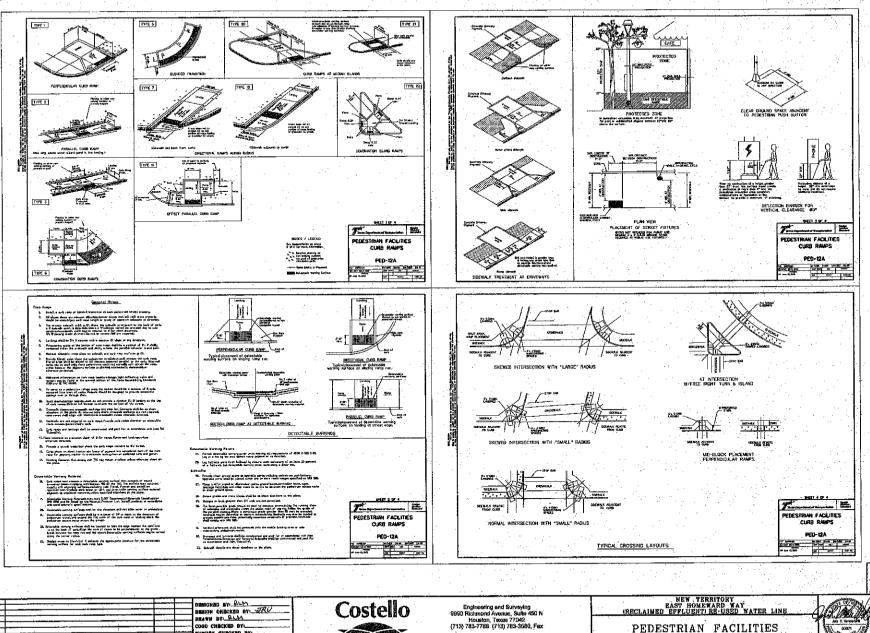


Engineering and Surveying 9990 Richmond Avenue, Suite 450 N Houston, Texas 77042 (713) 783-7788 (713) 783-3580, Fax TBPE FIRM REG. No. 280 TBPLS FIRM REG. No. 100486

NEW TERRITORY EAST HOMEWARD WAY (RECLAIMED EFFLUENT) RE-USED WATER LINE WORK ZONE "GIVE US A BRAKE" SIGNS



JOH NO. 19992020-142



TBPE FIRM REG. No. 280 TBPLS FIRM REG. No. 100486

EURVEY CHECKED BY:_

DAYOC BY: DATE OVAC HEAISIONS BA: 6-FF

CURB RAMPS - PED 12A

17/16/16

36 SHEETS

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PROJECT SPECIFICATIONS AND DITY OF SURM LAND STANDARDS, THEN THE COTT DESIGN STANDARDS STANDARDS

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18. IT S PERMISSIEE TO USE A BUNDICE FOR TREINE EXCANATION IN LIEU OF A TREINCHING MIGHING.

19. THE CONTINUOUS SALL RECORD LIADOUM AT PROCEEDING FAMILIATION OF CONTINUOUS AND THE PROCESS OF ANY DESTRUCTION OF COME OF THE PROCESS O

WORKNIEM AND DUSTRIG UTILITIES DURING ALL PHANESS OF "LANGUISTIMOTHEM AS THE VALUE."
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LATEST VERSION OF THE TACOST STANDARD SPECIFICATIONS AND THE TEXAS MANUAL ON UNIVERSE
THAPPER, CORRISOL DEFENDS, AND ANY RESISTORS THERETO.

20. THE CONTRACTOR SPALL BE RESPONSIBLE FOR SAMEDANDING AND PROTECTION ALL MATERIALS AND
EXCUPENT STORED IN THE SECTION OF A PROTECTION ALL MATERIALS AND
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AND SHALL BE PROTORIZED WITH CAMPIE TO KNOW ANY DAMAGE TO THE MATERIAL AND
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CONTRACTION SHALL LOSS HE AND PROTORIZE THE RESPECTANT STORES. AREAS THE MERSHALL AND

CONTACTION SHALL LOCKET MAD PROMOTE THE NECESSARY SURVEY AND THE MANUSCRIPT. AND CONTRICTORS.

20. THE CONTRICTOR SHALL FURNISH ALL MOTERALS, EMPLOYER, AREA FOR MERITAL AND CONTRICTORS.

21. THE CONTRICTOR SHALL FURNISH ALL MOTERALS, EMPLOYER, AS SHORD ON THE PLANS AND SECUL.

22. NO PRIVATE UTILITIES (L.E., PROME, CAME T.M., ELDOTROTIC, ETC.) SHALL BE REFALLED WITHIN 4. PETI CAME OF CURB.

23. CONTRACTION OF URB.

24. THE CONTRICTOR OF THE MOTERAL PROMESSION OF STOTRAM PERHAPSION OF IN SHORT OF THE NORTH AND THE PROMESSION OF STOTRAM PERHAPSION OF THE NEW PETI CONTRACTION OF THE DEPOSIT OF THE STOTRAM PETI CAME OF THE PROMESSION OF STOTRAM PETITION OF THE DEPOSIT OF THE CONTRACTION OF THE PROMESSION OF STOTRAM PETITION OF THE PROMESSION OF STOTRAM PETITION OF THE PROMESSION OF THE PROMESSION

CONCRETE / PAVING NOTES

1. CONTRACTOR IS RESPONSIBLE FOR OBTARNING ALL PERMITS AND AUTHORIZATION REQUERED BY CRY OF SUGAR LAND.

CHATTERIOR B. RESPONSEEL FOR CUITARING ALL PERMITS AND AUTHORIZATION REQUIRED BY CITY CONTRICTION. SHALL HAVE ALL INTERES LOCATED PRIOR TO CONSTRUCTION AND WILL REPAIR OR REFLACE ANY DIMANCE AT CONTRICTIONS SHALL PROBLET MATER. SERVER, AND DEMONES FROLLTIES AND WILL REPLACE ANY DIMANCE AT CONTRICTION SHALL PROBLET MATER. SERVER, AND DEMONES FROLLTIES AND WILL REPLACE ANY DIMANCE AT THE PARKE CONTRICTION THE USE OF CHART. APPLY A SHALL BE AUDISTRUCT OF SHALL BE AUDISTRUCT OF SHALL BE AUDISTRUCT OF SHALL BE AUDISTRUCT OF SHALL BOUGHT OF S APPROVED B DODOUGH.

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OR ABOVE.

FOR NO MATCH REDUCER HAS BEEN ADDED, NO CONCRETE SHALL BE PLACED IT MORE THAN BO MATCH REDUCER HAS BEEN ADDED, NO CONCRETE SHALL BE PLACED IT MORE THAN BO MATCHER BEEN ADDED, NO CONCRETE SHALL BE PLACED IT MORE ADDED, NO CONCRETE SHALL BE SHALL BE PLACED IT MORE ADDED, NO CONCRETE SHALL BE PLACED AT ALL POINTS OF CURRIQUER, POINTS OF TOMOSTER SHALL BE SHALL B

CONTROL JOINTS SHALL BE PLACED AT 20' C-C, EXPANSION JOINT DAYOUT FOR INTERSECTIONS SHALL BE PROVIDED BY ENGINEER FOR CITY

EXPANSIVE DATE STATEMENT OF THE STATEMENT OF THE CITY LIMITS OF EX. NO WARE THE STATEMENT OF THE CITY LIMITS OF EX. ALL REAR SHALL BE 100% HED. OVERLAPS SHALL BE 00UBLE TIED MINIMUM. REHFORCED STEEL ALL REAR SHALL BE 100% HED. OVERLAPS SHALL BE 00UBLE TIED MINIMUM.

31. IO. WHE MESH IS ALLOHED IN ANY CONCINENT WITHIN THE CITY LIMITS OR ELL.

2. ALL REPART SHALL BE 1000 THE OVERLAR'S NALL BE COULD HIMMAN. REMPORCED STEEL.

3.3. ALL, REW CHIEF REZURES ADDO P.S.L. P 22-047S. 4 CONCRETE CYLINDERS, SLIME, AND AR PHIRMANIAN TESTS ARE REQUIRED THE SHAPE OF COURCE CONCRETE CHIEF WITH A STEMP REPORT OF THE SHAPE OF THE SHAPE

CEMENT, STABILIZED, SAND:

ALL STABLIZED SWID SWILL BE A MINDAM OF 1.8 SK PER CURB CWAD.
CENERY STABLIZED SWID (C.S.S.) SWILL ANTIBLE A WINDLING OF 100 PS WITHEN 48 HOURS.
A MINDHIN OF 2 REMOND SWIPES SWILL BE TWAN EACH MEMO, (FOR SAILLER PROJECTS,
ONE SWIPLE MAY SUFFICE WITH OTT OF SUICH LAND APPROVAL.) THE OTT OF SUICH INDI
RESERVES THE ROFT OF DESIGNES AND ADTOMINAL TISTS, AT THE CONTROMES EXPENSE IF IT IS SHED NECESSARY.

ANY C.S.S. NOT MEDITY OF SUCH DAYS STANDARDS SAULT BE REMOVED AND REPLACE OF ANY THE CONTROLOGY SEPTIMENT OF STANDARD SAULT BY COMPANIES OF THE STANDARD ON C.S.S. SAULT BY COMPANIES OF TESTS SHALL BE COMPUTED ON C.S.S. SAULT BY COMPANIES OF THE MEDITAL BY COMPANIES OF THE MEDITY OF SAULT SAULT

BANK SAND:

BANK SAND IS DEFINED AS A WELL-GRADED SAND, FREE OF SILT, CLAY, FRABILE OR SOLUELE MATERIALS AND GROWNS MATER, METING THE UNIFED SOULS CLASSIFICATIONS SYSTEM GROUP SYMBOL SW CRUTERA WITH A PLASTICAT MIDEX OF LESS THAN 10. NO MORE THAN 12X OF MATERIAL CAN PASS THE NO. 200 SEPT.

ASPHALT - OILS AND EMULSIONS:

CONTRACTOR SHALL VERIFY LINES AND GRADES AND THAT COMPACTED BASE IS READY TO SUPPORT LOADS. BASE MATERIAL SHALL BE DRY AND THOROLEPHY OF AN OF LOOSE MATERIAL SHALL BE

2. Description.
3. Oils & Caulson-Shall be distributed evenly and smoothly under pressure necessari
for proper distribution.

FOR PROPER DISTRIBUTION. CHAPTER AND SHOUGHT UNDER PRESSARE RELEASED HANDEN RECURRED SHRACE CONDITIONS UNIT LOCATED BY THE CITY SHOPE AND FRIE CORE SHALL BE MC-70. MC-70. OR F.R.1 PRIME AND SHALL COMPA' WITH TOOT. STANDARD SPECIFICATIONS FOR CONSTRUCTION OF HIGHWAYS, STREETS, AND BROCES (1983) AND IS LAKEST REVISION.

STANDARD SPECIFICATIONS FOR CONSTRUCTION OF MONIFICAT, STREETS, AND DRIDGES (1995) AND IS LUBEST REVISIONS.
TACK COLD SHALL BE SET AND SHALL CONFLY TO TODORY, SECULE & B. (1993) AND IS LUBEST REVISIONS.
TACK COLD SHALL BE SET AND SHALL CONFLY TO TODORY, SECULE & B. (1993) AND IS LUBEST REVISIONS OF THE APPLIED WITH A MEDIA TO THE APPLIED WITH A MEDIA TO THE APPLIED WITH A MEDIA THE PROPERTY OF AND FALLING. (MOTICE CUTSION, STRAIGHT AND THE SEED UNBHO THE PREVIOUS OF APPLIED AND FALLING. SET AND THE ARCHITECTURE SET.) AND PREVIOUS SET. (1994) AND PREVIOUS SET. (1995) AND PREVIOUS SET. (1995

LIMING SUBGRADE:

Like SHALL BE A "SLURRY" AS PER DODOT 280 UNLESS SPECIFICALLY RECOMMENDED. BY THE CECONO-INCLE DIODERS AND APPROVED BY THE CITY ENGINEER.

AL THE SCHOOLS SHALL BE THOMSHED AT ON A DOVE HE MORNIAL TON'T SCHOOLS CONTRINS SHARPED BY THE COMPANIES SHALL BE SHARPED WITH A MANAGEMENT HOUSE HE WITHOUT SHAPE TO SHAPE THE SHAPE SHA

MADES (G) THESE THE HIRALL ME TO RELICE PLASMETY MUSE (G) TO 20 OR LESS AS LINE GY THE CONTROL THE CON

HOT MIX ASPHALTIC BASE COURSE:

J. NO HOT WIX ASPHALTIC BASE MAY BE RETAILED URTE. THE SUBGRAGE HAS BEEN PROPERTY SPEPARED AND TEDTED AS HER THE PLANS AND SPECIFICATIONS. THE SUBGRADE SHALL BE INSPECTION AND ASPECIATION BY THE FULLY AS SIZES LIMIT

PROJECT PREPARED AND TEXTED AS PIR THE FILMS AND SPECIFICATIONS. THE SUBSTANCE SMALL E: INSPECIED AND APPROVED BY THE CITY OF SURVE LIVED AND APPROVED AND APPROVED AND ENGINEERS. SHARMERS, AND INSPECTATION SHALL COUNTY OF THE PROPERTY OF

INCHES

BASE MATERIAL MAY DIECT BE PLAISED ASSANST CLEAN, STRINGHT EDGES, SAW CUTTIMA, FULL DEPTH, IS REQUIRED IF EXISTING EDGES ARE ROUGH OR INNEVEN.

COMPACTION SHALL DEGN WHILE MATERIAL BY STALL HOT AND AS SOON AS IT WELL BEAR HER. ROULER OR COMPACTION, PROBET WITHOUT WOULD ENGRAPMENT OR.

B. COMPACT SURFACE UNFROBALLY WITH ROLLERS OR TAMPERS IN LOCATIONS NOT READILY ACCESSIBLE (I.E., ALONG CURBS, WILL, STC.).
S. UNLESS OTHERWISE SPECIFICA, COMPACT DESIGN TO NOT LESS THAN 95% OF AVAILABLE PROSESSES SPECIFICATION. WITH AT ALL THESE TO TEST AND PROPERTY.
10. ALL MATERIALS AND INTRODUCED AND GUALITY OF JACKERS.
11. ALL MATERIALS AND INTRODUCEDES SHOULD SAND GUALITY OF JACKERS.
12. ALL MATERIALS AND INTRODUCEDES SHOULD SAND GUALITY OR ASTALL SERVICE AND GUALITY OF STORM LAND REQUIRED SAND GUALITY OR COMPACT WILL RESIGN.

REJECTION OF SOLD

CONTRICTORES EXPENSE

DO NOT OPEN BASE TO TRAFFIC UKITAL IT CAN BE MARKFARIED IN GOOD CONDITION

AND IS CAPABLE OF SUPPORTING MEHICLE WEIGHT WITHOUT DAMAGE OR

AND IS CAPABLE OF SUPPORTING VEHICLE YEARTH TRITTON LAWARE, UN DEGRAMMING. 13. DOISINGS SHALL BE TAKEN AT A MINIMUM OF AT LEAST ONCE PER 300 UF OF-RING LAW OR ONCE PER 250 SO, YOU, MICHIGHES MAY APPLY AND SHALL BE STACCHED. RELATING TO TESTING RISES IN ABUTTING TRAFFIC LIAISE. FAILURE MET MINIMUM RECURRENISTS SHALL RESULT IN TRAFFIC LIAISE. FAILURE MET MINIMUM RECURRENISTS SHALL RESULT IN TRAFFIC LIAISE.





CITY OF SUGAR LAND, TEXAS

CONSTRUCTION PLANS FOR: RE-USED WATER LINE

GENERAL CONSTRUCTION NOTES



Costello

TBPE FIRM REG. No. 280 TBPLS FIRM REG. No. 100486

51 - 01± 27₀ 36

ASPIRATE MATERIES, AND WORKSMICHTEP SHALL COMPLY WITH ACTIN C 33, ACTIN C 131, ACTIN C 136, AND DEDOT STANDARD SEPROPATIONS FOR CONSTRUCTION OF HIGHWOOD, STREETS AND SERVICES (1982). AND THE JURIST REVISIONS, ACCOUNTED THE OFFICE OF THE LABOR REVISIONS CONTRICTOR SHALL VARIATY EXCHANGES AND THAT SHEET AND SERVICES IN SHAPE LABOR REVISIONS AND THAT SHEET AND SERVICE IN SUPPORT INFOSCO LOURS. PRICE AND IS APPRIVED BY THE CONSTRUCTION INSPECTION. AND APPRIVED BY THE CONSTRUCTION INSPECTION. THE APPLY THE CONSTRUCTION INSPECTION. THE CONSTRUCTION OF THE CONSTRUCTI

COAT WILL BE REQUIRED BETWEEN LIFTS.
A CERTIFIED LAB SHALL BE ON SITE AT ALL TIMES TO TEST AND PROPERLY DOCUMENT THE CONSTRUCTION METHODS AND

A CONTRIBUTION AND SHALL BE UN SHE AN ALL MEAS ON IESS ON AN INTERFERENCE SHAPE AND AND ADMINISTRATION ADMINISTRATION ADMINISTRATION AND ADMINISTRATION ADMINISTRATION ADMINISTRATION ADMINISTRATION ADMINISTRATION ADMINISTRATION ADMINISTRATION

NO "RIRORATHS" ARE ALLOWED.

no "edificialitie" pric allument.

If the surface ravels (separates), flushes, ruts, or deteriorates in any marker prior to final acceptance, the compactor will correct this combinion at this expense to the "satisfaction of the city of sugar land

ENGINEERS.
THE CONTRACTOR SHALL PROTECT THE PAUGHENT (MITE DIRECTED BY THE CITY FROMETR TO OPEN SAID. PAUGHENT TO ...

TRAFFIC.

RICE COUNTY SHILL COMPLY WITH TODOT TIME SEE, TROE COUNTRY FOR PAVEMENT SHIPTOCTS.

SECOLI MOTE: CONTRICTOR, WHILE MANIMORING COMPATIONAL SHILL USE CANDINA HOST TO TODES—BOLL ASPHILL.

SECOLI MOTE: CONTRICTOR, WHILE MANIMORING COMPATIONAL SHILL USE CANDINATORS SHIPTON AND SHIPL. SEE
REPHIED OR TRAFFLED TO THE COT DIMETER'S SHIPSACHOM AT THE CONTRICTOR'S SHIPLE SHEED.

CORE SHAPES SHILL BE TAKEN PANICOMY AT A MANIMUM OF THE TOD UP FOR THE CONTRICTOR'S OR ONE FOR

PERTY 250 SIX. TO, WINCHICKER OR PAPILLOSE AND SHIPL. SE SHAPEDER RAIMING TO TENTED SHIPS HE ABSTRUCT

BOTH TO SHAPE SHAPE SHAPE SHAPE AND SHAPE SH

EVENT ZOO SO, YO, WINDOWSER IS APPLICABLE AND SHALL BE SAN OUT TO FULL ASPIALD EAPTH, ABOUT AMEN'S ALL ASPIALD EAPTH, ABOUT ASPIALD EARLY EARLY

STABILIZED CRUSHED CONCRETE:

TEST AND ANALYSIS OF AGRICANIC AND BYIDER MATERIAS WILL BE PERFORMED IN ACCORDANCE WITH ASTMO 1957 AND ASTMO ASTMO ASTMO CASIS. CEMENT SHALL BE ASTMO 1957 THE I. ALL MATERIALS AND MORROMANDER POLL COMPLY WITH TODOT STANDARDS SPECIALCITIONS FOR CONSTRUCTION OF HIGHWAYS, STREETS AND BRODES (1982) AND ITS LATEST REVISIONS AND CITY OF SURVEY LAWS STANDARDS. BRODES CASIS SHALL BE ALC. 30 OF SPECIAL PRIVAL. BE ASSMORDED AND CITY OF SURVEY LAWS STANDARDS. DESIGN MAY FOR MANUAL AGENCY COMPLETED FOR THE CONTROL MAY ARE ASSMORDED AS THE CONTROL MAY SEEN AS CONTROL OF SECRET POWER.

CONDEN OF 2 SK PHE TON OF BIAL COMMENT CONDENS HAVE DE PROCESS IN EVALUATION OF SECURITIES OF THE CONTINUE OF ANY MATERIAL BELOW MINIMUM REQUIREMENTS.

CONTRACTOR SHALL VERIFY LINES, GRADES, AND COMPACTED SUBGRADING AS READY TO RECEIVE MATERIALS PRIOR TO ITS

placement. Cempat starnited base may not be placed if ambient temperature is 40°F and Falling. Base material way be:

STORM SEWER NOTES:

1. STORM SEASON SHALL BE DESCRIED AND CONSTRUCTED WITH CHIT OF SUDGE JANG'S STRANGED CONSTRUCTION SPECIAL DATA AND IN ACCOUNTAGE WITH CHIT IS SUMAN LAND SHAMEND DETAILS SETZE AND LIKEST SEASONIES. SEASON JANG STRANGED SHALL BE RESTAULED, REDOED, AND BACKFILLED IN ACCORDANCE WITH CHIT OF SEASON JANG STRANGED CENTLE DERWINSE, SEASON JANG SHAMENDE SHAMENDE WITH CHIT OF

A. AL. PER STONE SCHOOL SCHOOL SENSON, LEE MEDICALED, MODIED, AND BACKFILLED IN ACCORDANCE WITH CITY OF SUMM LOSS DETANDAND CORD. DOWNINGS.

3. ALL CEMBUT STREAMED SAND (C.S.S.) SHALL BE 1-1/2 SK PER CUBE 'TO AND MEET INNIMAM C.S.S. STRANDANDS CONCHINEDTED ON MITHIN TWO (2) FOOT OF PROPOSED OF PUTURE PAYMENTS SHALL BE MICHAELD WITH 1-1/2 SK C.S.S. TO SOTTOM OF SUBSHOULD.

4. MICHAELD SCHOOL COMPACTED WITH 1-1/2 SK C.S.S. TO SOTTOM OF SUBSHOULD.

5. MICHAELD SCHOOL COMPACTED WITH 1-1/2 SK C.S.S. TO SOTTOM OF SUBSHOULD.

6. MICHAELD SCHOOL COMPACTED WITH 1-1/2 SK C.S.S. TO SOTTOM OF SUBSHOULD. BIND WITH STREAM CONCINCTION OF SUBSHOULD.

6. MICHAELD SCHOOL COMPACTED WITH 1-1/2 SK C.S.S. TO SOTTOM OF SUBSHOULD. BY SINCE AND CONCINCTION OF SUBSHOULD.

7. ALL SCHOOL SCHOOL COMPACTED WITH 1-1/2 SK C.S.S. TO SOTTOM OF SUBSHOULD OF 1/2-RICH. INCIDENCE AND CONCINCTION OF SUBSHOULD SCHOOL CON

PECIFICATION CHIEF.

BIAN ELEMATION SHOWN ON THE PLANS ARE APPROXIMATE ONLY. UTILITY COMPACTION SHALL ASJUST HAS ELEMATIONS TO BUT PECUL ASJOIN. HE FIRST ROBE AT EACH LOCATION WEEK COMPACTION HAS COLUMNITION HAS COLUMNITION TO BUT PECUL ASJOIN. OR TOTAL WATER DAMAGE ARMY FROM THE COLUMNITION HAS COLUMNITION HAS COLUMNITION. HE WAS AND THE W

9. BE ILLANDICUS SIGLI IN FROMENT ALBERTO TO GREEN IN PARTICUS AND TOUR REPORT OF PROPERTY BOOMERS. PROPERTY BOOMERS SHALL BE URB IN PARABORI TO SHALL BE AND THE PARABORI OF PROPERTY BOOMERS. PROPERTY BOOMERS SHALL BE AND THE PARABORI OF PROPERTY BOOMERS AND THE COURSE OF PARABORI OF PROPERTY BOOMERS AND THE COURSE OF PARABORI OF PROPERTY BOOMERS AND THE COURSE OF PARABORI OF

AND UTLEY. RESIDENTS AND RESPONSE/RUSTORE OTDERS IN RUSSIANT TO WARRING MAD/OR ETPORUEN
PORTINE CRAINES.

11. CONTRACTOR TO PROVE A MINIMUM OF 6-MCHES CLEANAGE AT UTLETY CROSSINGS AND A MINIMUM OF
PRICE (1) PHORES AT SWINTER SERVE CONSTRUCTION, DAVINGRAMS, AND RESTORMS ANY BECKSLOPE
DEVANUE STREEN DISTRIBUTED AS A RESULT OF 188 WINDOW TO BRUNE PROTECT BRUNDON.
SAUL SECONDATED AND ALL DESTROYER OF THE PROPER SPRINGE THE MINIMUM OF THE CHIEF AND AND ALL SECONDATED AND ALL DESTROYS AREAS SAUL SE COMPACTED AND ALL DESTROYS AREAS SAUL SE RESERVED OF RESOURCE MINIMUM OF WORKING.
HILL CHIEF CONTRACTOR SAUL REPORTS AND ALL DESTROYS AND

15. ALL STORM SEWERS MUST BE CLEAN/FREE OF ACCEPTANCE

18. REFER TO GENERAL NOTES AND C.S.S. NOTES.

SANITARY SEWER NOTES:

SANITARY SEWER MOTES:

1. SMITTARY SEWER MOTES:

1. SMITTARY SEWER, PROCE WHICH, MARKELE LIT STATIONS AND INSTITUTE THEOREM. PLANTS SHALL BE EXCEPTED AND CONSTRUCTOR OF THE COTT OF THE COURS OF THE COURSE OF THE

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WATER DISTRIBUTION NOTES:

WATER MANES, WATER SERVICE LINES AND ASSOCIATED APPORTREMANCES SHALL BE DESIGNED AND CONSTRUCTED AS FER REQUIREMENTS OF THE CITY OF SUMPL LIMID. DESIGN STAMPANGS AND CORRESPONDERS STRANGES OF CONSTRUCTION DEVIALS SEEDERS AND AS FORT HE REQUIREMENTS OF THE TRUCK COMMISSION ON ENVIRONMENTAL QUALITY, SPACILL A CONFLICT ANDSE DETAILED REPORTATION PROJECTED ON APPROPRISE ONCE HEROSTRANGES HERE REPORTED REQUIREMENTS AND RESIDENCE AND RESI

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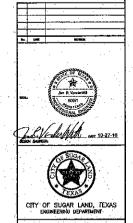
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EQUAL.

THE CITY OF SURAR LAND MUST HAVE A COPY OF THE BACTERALOGICAL TEST RESULTS AT LEAST 24
HOURS PRIOR TO THE BATHAL INSPECTION. IF NOT, THEN THE MERCETON WILL BE RESCHEDULED.



Costello

TEPE FIRM REG. No. 250 TEPES FIRM REG. No. 100466

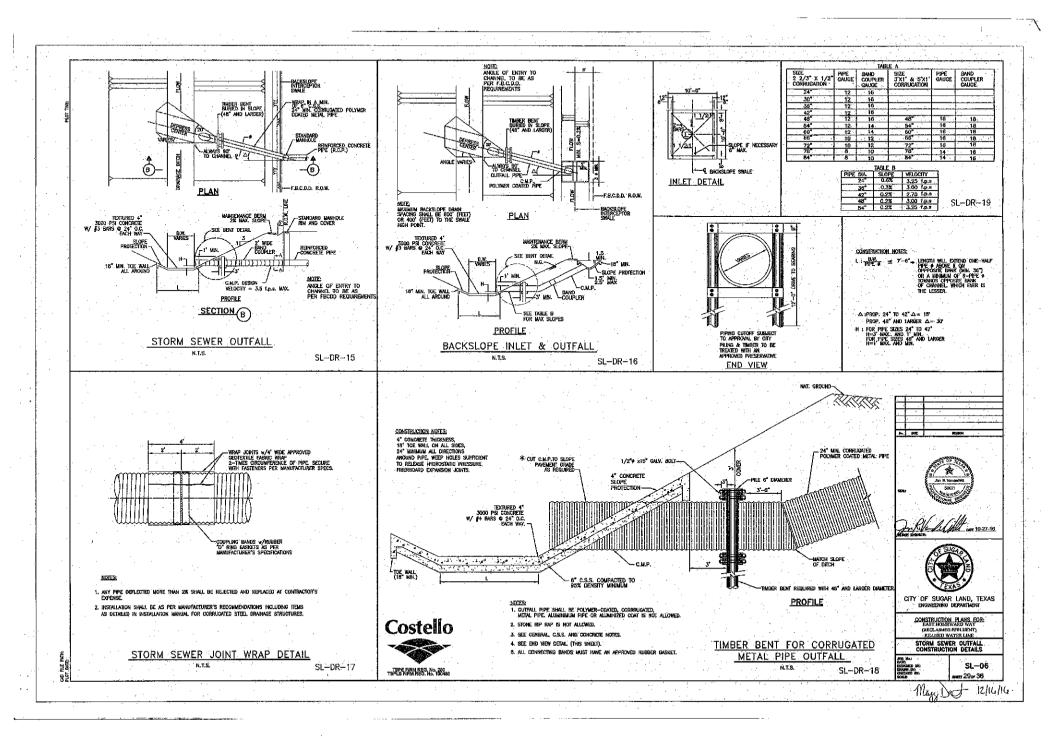
CONSTRUCTION PLANS FOR: EAST HOMEWARD WAY RE-USED WATER LINE

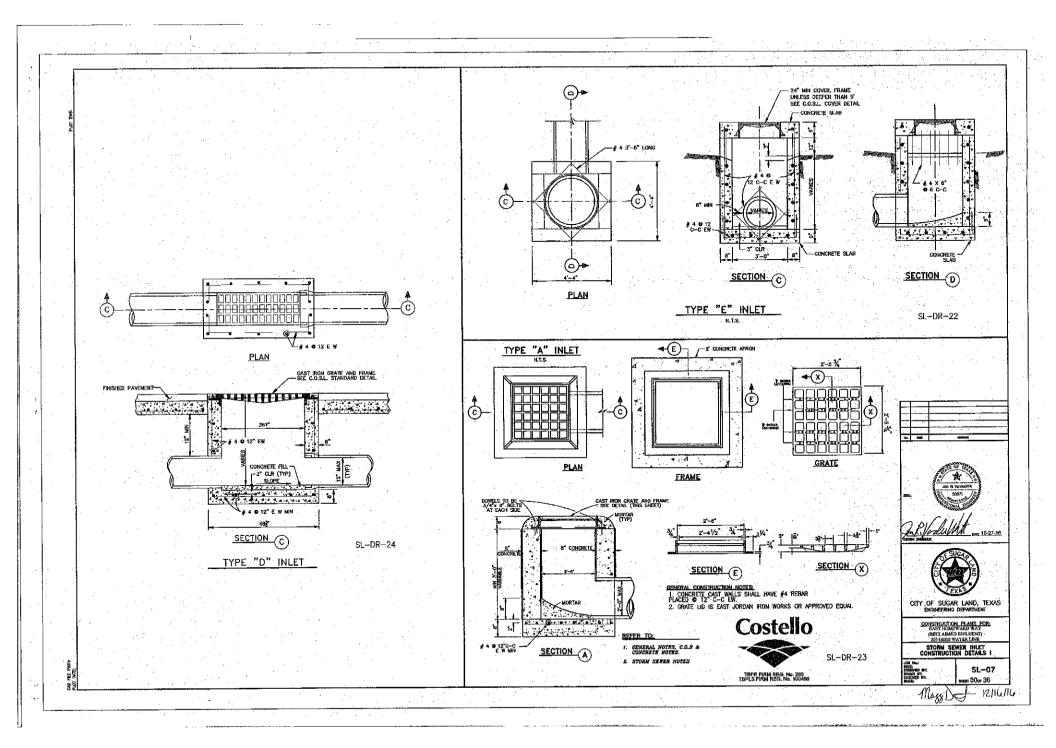
GENERAL CONSTRUCTION NOTES

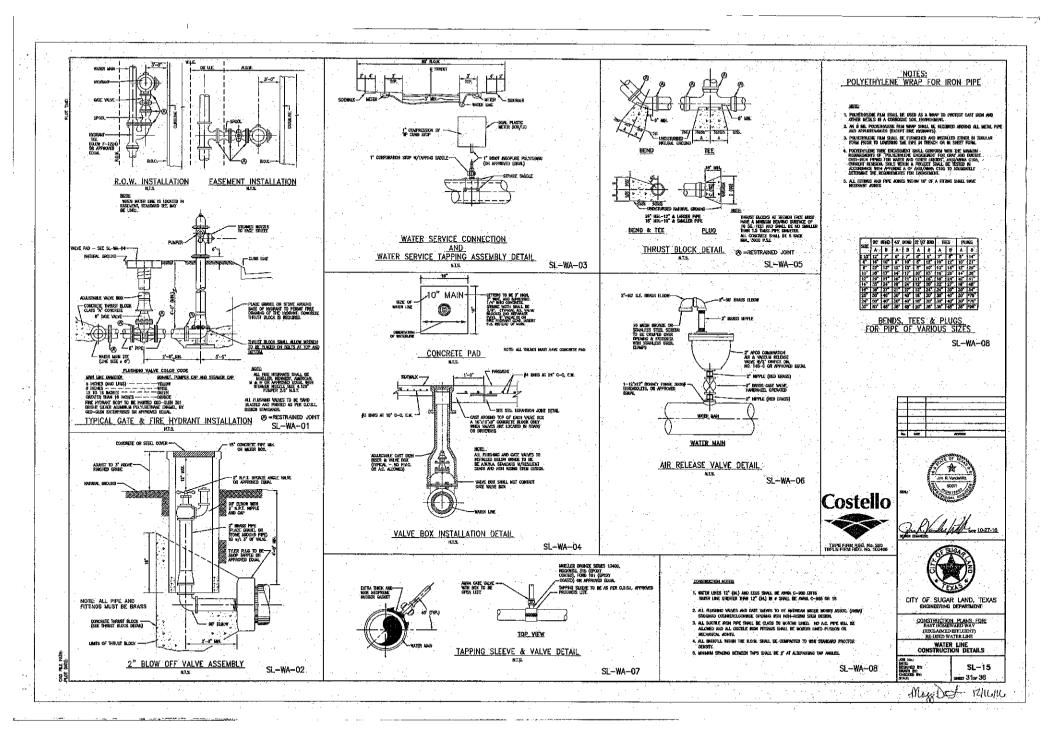


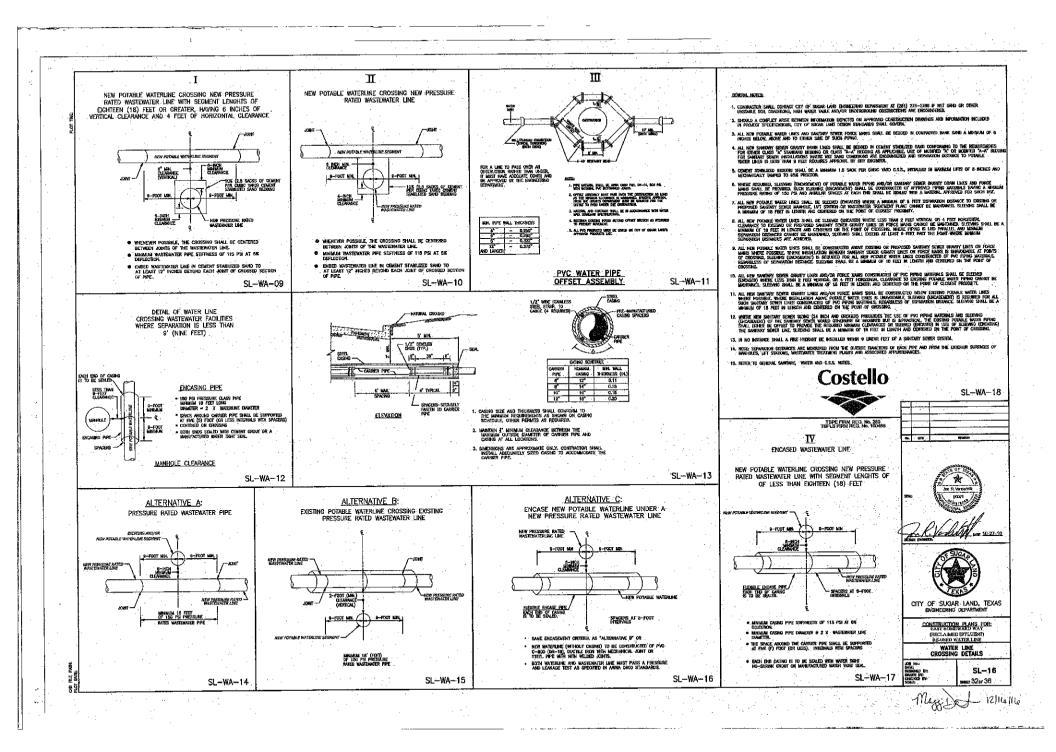
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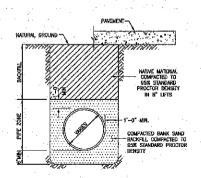
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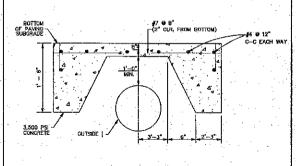


P.V.C. PIPE BEDDING & BACKFILL

M.T.S. *SEE: CONSTRUCTION NOTES

SANITARY FORCE MAIN & WATER LINE BEDDING AND BACKFILL

SI -88-01



PROTECTIVE SLAB DETAIL ZERO LOAD TRANSFER CONCRETE SLAB CONSTRUCTION MOTES

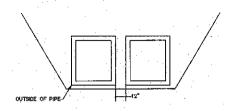
- 3. LIMESTONE OR RECYCLED CONCRETE SHALL BE IN ACCORDANCE WITH TXXXXX SPECIFICATION No. 248 FLEXIBLE BASE, TYPE A, GRADE 2 AGGREGATE.
- 4. NO BEDDING SHALL BE INSTALLED IN WET DONORTHONS, WHEN WELL PORTING OR IN WET SAND CONDITIONS, MANTAIN GROUND WATER 1 (FT) BELOW BOTTOM OF TREMCH FOR A MINIMUM OF 24-HICS 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: MANHOLE DETAILS, SANITARY, C.S.S., GENERAL, WATER CROSSING, WATER DISTRIBUTION DETAILS, AND NOTES.
- 9. ALL BEDGING WILL HE COMPACTED TO 95% STANDARD PROCTOR DENSITY.
- 10. A GEOIECHNICAL REPORT MAY BE REQUIRED TO ANALYZE THE BEARING CAPACITY OF EXISTING SOILS AND MAKE A DETERMINATION IF ADDITIONAL BEDOING AND BACKFILL IS APPROPRIATE.

SL-BB-05

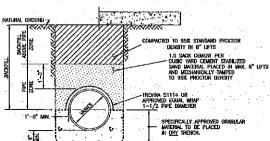


PIPE SEPARATION

OUTSIDE OF PIPE-



RCB SEPARATION

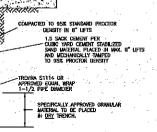


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MODIFIED "A"

NOTE: C.S.S. SHALL BE INSTALLED A MIN. 1' ABOVE TOP OF PIPE.

SANITARY SEWER BEDDING AND BACKFILL



SL-BB-03

REFER TO:

1. GENERAL NOTES 2. C.S.S. NOTES

CITY OF SUGAR LAND, TEXAS ENGINEERING DEPARTMENT CONSTRUCTION PLANS FOR: EAST HOMEWARD WAY (RECLAIMED EFFLUENT) RE-USED WATER LINE WATER LINE, SANITARY SEWER FORCE MAIN BEDDING DETAILS SL-19

Costello

TEPE FIRM REG. No. 280 TEPLS FIRM REG. No. 100486

NEC 33or 36 Migs Det 12/16/16

HYPER-CHLORINATED WATER NOTES

THE PER CHILDRINATED WATER NOTES

1. IMPA-CHLORINATE WATER SIML, BOT IF DEGRADOES TO THE STORM
SERVER OR REMAINE STREET, BUILDES THE GLORING CONCENTRATION IS
REQUEDED TO 4 PPAN OR LESS BY CHRONICALY TREATMENT THE DEGRACIONATE
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SANITARY WASTE NOTES

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SPILL AND LEAK RESPONSE NOTES

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SUBGRADE STABILIZATION NOTES

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CITY OF SUGAR LAND, TEXAS

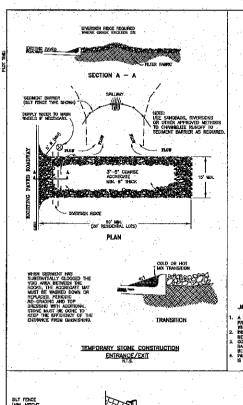
CONSTRUCTION PLANS FOR: Costello (RECLAIMED EFFLUENT)
RB-USED WATER LINE

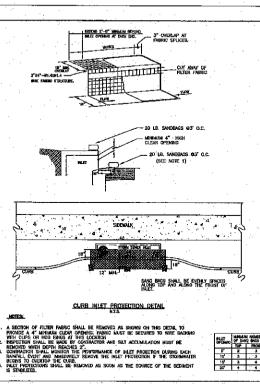
GENERAL EROSION CONTROL NOTES

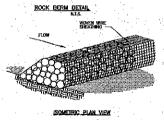
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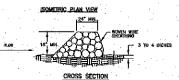
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ROCK BERM GENERAL NOTES

 USE ONLY OPEN GRADED ROCK 4—8 INCHES IN DAMERER FOR STREAM FLOW CONCRITION. USE OPEN GRADED ROCK 3—5 INCHES IN DIAMETER FOR OTHER CONDITIONS.

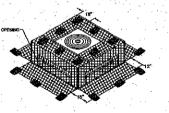
2. THE ROCK BERM SHALL BE SECURED WITH A WOVEN WIRE SHEATERNS HAVING A MAXIMUM OPENING OF 1 INCH AND A MERIMUM WRYET SIZE OF 20 GALDE AND SHALL BE BUILDED IN A TRENCH APPROXIMATELY 3 TO 4 INCHES DEEP.

3. THE ROCK BERN SHALL BE INSPECTED EMERY TWO WEEKS, OR AFTER RACH 1/2" RAIN EMENT AND SHALL BE REPLACED WHEN THE STRIKETURE CEASES TO PLACTION AS RETEXED DUE TO SET ACCUMULATION AMONG THE ROCKS, WASHOUT, CONSTRUCTION TRAFFIC DAMAGE, ETC.

4. WHEN SET REACHES A DEPTH EQUAL TO CHETTHED OF THE HEIGHT OF THE BETM OR ONE FOOD, WHODEVER IS LESS, THE SET SHALL BE REMOVED AND DISPUSED OF PROPERTY.

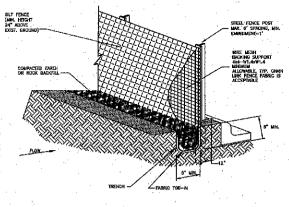
5. When the Stie is completely stabilized, the bern and accumulated silt shall be removed and disposed of in an approved manner.

6. Rock bern should be used as check days for concentrated flow and are not interded for use in permeter protection.





FILTER FABRIC WYE INLET PROTECTION



ISOMETRIC PLAN VIEW

SILT FENCE GENERAL NOTES

 STEEL POSTS WHICH SUPPORT THE SILT FENCE SHALL BE INSTALLED ON SLIGHT ANGLE TOWARD THE AMOUNTED REMOTE SQUARCE. POST MUST BE EMBEDGED A MINURAL OF DIS FOOT.

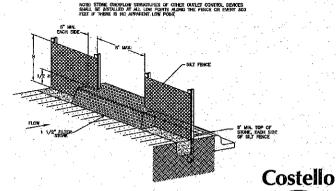
2. THE TOE OF THE SUT FENCE SHALL BE TRENCHED IN WITH A SPADE OR NEWHARAL TRENCHER, SO THAT THE DIGHTSLOPE FACE OF THE TRENCH IS FLAT AND PERPONDICULAR TO THE UNIT OF THOSE WHITEE TRENCH CANNOT BE TRENCHED IN (A.g. PAYBENT), WIGHT FARRO FLAP WITH ROCK ON UPHEL SEET OF FROMENT FLOW FROM EXPENDED UNDER FRINCE.

3. THE TRENCH MUST BE A MINIMUM OF 6 INCHES DEEP AND 8 INCHES WIDE TO ALLOW FOR THE SILT FENCE PARRIC TO BE LAID IN THE GROUND AND BACKHILLD WITH COMPACTED MATERIAL

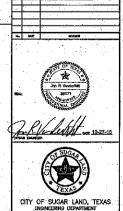
4. SILT FENCE SHOULD BE SECURELY FASTENED TO EACH. STEEL SUPPORT POST OR TO MOVEN WRIE, WHICH IN TURN IS ATTACHED TO THE STEEL FENCE POST, THERE SHALL BY A 3. FOOT OVERLAP, SEDURALLY FASTENED WHERE DISC OF FERENCE WAST.

INSPECTION SHALL BE MADE EVERY TWO WEEKS AND AFTER EACH 1/2" WHALL REPAIR OR REPLACEMENT SHALL BE, MADE PROMPTLY AS NEEDED. SILT FENCE SHALL BE REMOVED WHEN THE SITE IS COMPLETELY STABILIZED AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.

 ACCUMULATED SILT, SHALL BE REMOVED WHEN IT REACHES A DEPTH OF HALF THE HEIGHT OF THE FENCE. THE SILT SHALL BE DISPOSED OF AT AN APPROVED SITE AND IN SUCH A MANNER AS TO NOT CONTRIBUTE TO ADDITIONAL SILTATION.



SILT FENCE STONE OVERFLOW STRUCTURE



CONSTRUCTION PLANS FOR: EAST HOMEWARD WAY (RECLAIMED EFFLUENT)

EROSION CONTROL DETAILS .- 1

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