

Drainage District Engineer/Manager

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 D Permit No: 2018-23	Oriveway Permit					
Applicant: Javier Romero Gutierrez Job Location Site: 1706 Moore Road, Stafford, TX 77477							
Bond	NoDate of Bond:	Amount:\$5,000.00					
Laying Roads Comn of the	The above applicant came to make use of certain Fort Bend County property subject to, "The Order Regulating the Laying, Construction, Maintenance, and Repair of Buried Cables, Conduits, and Pole Lines, In, Under, Across or Along Roads, Streets, Highways, and Drainage Ditches in Fort Bend County, Texas, Under the Jurisdiction of the Commissioners Court of Fort Bend County, Texas," as passed by the Commissioners Court of Fort Bend County, Texas, of the Minutes of the Commissioners Court of Fort Bend County, Texas, to the extent that such order is not inconsistant with Chapter 181, Vernon's Texas Statutes and Codes Annoted.						
Notes 1. 2.	Evidence of review by the Commissioners Court m grounds for job shutdown. Written notices are required: a. 48 hours in advance of construction s	ready for final inspection, submit notification to Permit online.org portal.					
On this <u>23rd</u> day of <u>October</u> , <u>2018</u> , Upon Motion of Commissioner, seconded by Commissioner, duly put and carried, it is ORDERED, ADJUDGED AND DECREED that said notice of said above purpose is hereby acknowledged by the Commissioners Court of Fort Bend County, Texas, and that said notice be placed on record according to the regulation order thereof.							
Signa	ture	Presented to Commissioners Court and approved.					
Ву:	County Engineer	Date Recorded Comm. Court No					
	N/A	Clerk of Commissioners Court					
Ву:		Ву:					

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

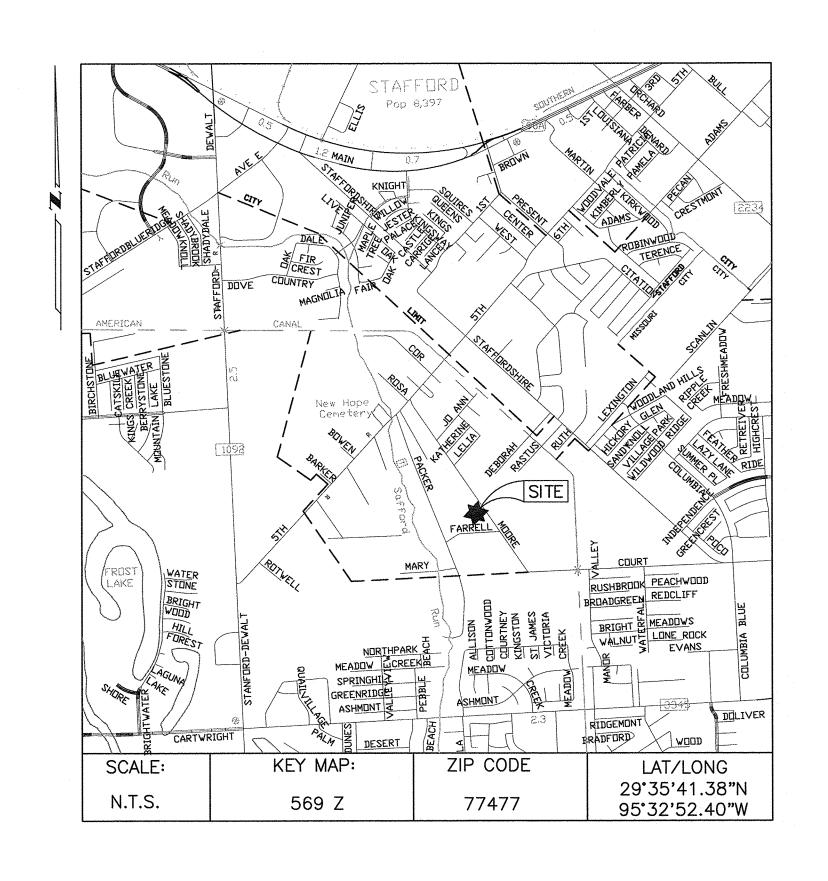
301 Jackson Suite 401 Richmond, Texas 77469 281.633.7500 Permits@fortbendcountytx.gov

Х	X Right of Way Permit		
Commercial Driveway Permi			
Perr	nit No: 2018-23836		

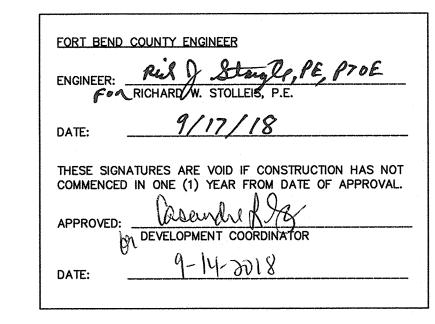
	Femili No. 2010-23030							
The following "Notice of Proposed Cable, Conduit, and/or Pole Line activity in Fort Bend County" and accompanying attachments have been reviewed and the notice conforms to appropriate regulations set by Commissioner's Court of Fort Bend County, Texas.								
(1) COMPLETE APPLICATION FORM:								
X	a. Name of road, street, and/or drainage ditch affected.							
X	b. Vicinity map showing course	_						
X	c. Plans and specifications							
(2) BOND:								
	County Attorney, approval whe	n						
	Perpetual bond currently posted.	Bond No:	Amount:					
	Performance bond submitted.	Bond No:	Amount:					
Х	Cashier's Check	Check No:	Amount: \$5,000.00					
(3) DRAINAGE DISTRICT APPROVAL (WHEN APPLICABLE):								
Drainage District Approval		_	Date					
We have rev	iewed this project and agree it n	neets minimum requ	uirements.					
1	1 S/H		10/15/20)18				
Permit Administrator Date								

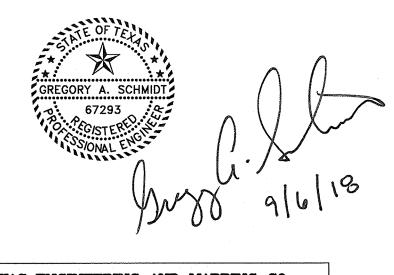
WATERLINE EXTENSION & SANITARY CONNECTION

FOR JAVIER R. GUTIERREZ
LOCATED AT:
1706 MOORE ROAD
MISSOURI CITY, TEXAS 77477
(FORT BEND COUNTY)



	INDEX OF DRAWINGS		
SHT. NO.	DESCRIPTION		
1	COVER SHEET		
2	TOPOGRAPHIC SURVEY (C-0)		
3	GRADING AND DRAINAGE (C-1)		
4	TRAFFIC CONTROL PLAN (C-2)		





GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

DIVINE FARMS, LLC CALLED 38.198 ACRES (F.B.C.C.F. NO. 2016026544)

SAN MH RIM=76.79 8" PVC NW=71.60 8" PVC SE=71.72 FND 5/8" IR APPROXIMATE R.O.W. LINE APPROXIMATE R.O.W. LINE APPROXIMATE PROPERTY LINE MOORE ROAD ⁺76.77 (CALLED 50' R.O.W.) +76.76 CRUSHED LIMESTONE APPROXIMATE R.O.W. LINE APPROXIMATE R.O.W. LINE MARIN RIVERA DANIEL AND DAISY MATTHEWS JAMES E. JOHNSON ESTATE 1 ACRE JAVIER R. GUTIERREZ 1.64 ACRES ARTHUR ROSAS AND WIFE, SYLVIA P. ROSAS (VOL. 674, PG. 723; F.B.C.D.R.) 1.00 ACRE 1 ACRE (VOL. 235, PG. 248; F.B.C.D.R.) (F.B.C.C.F. NO. 9800730) (F.B.C.C.F. NO. 2014112225) (VOL. 2534, PG. 910; F.B.C.D.R.) (F.B.C.C.F. NO. 9800731) (F.B.C.C.F. NO. 9559502)

NOTE

1.) THIS IS NOT A BOUNDARY SURVEY.

2.) BOUNDARY AND RIGHT-OF-WAY LINE INFORMATION IS SHOWN APPROXIMATELY HEREON PER RECORDED DEEDS.

3.) ACCORDING TO THE FEDERAL EMERGENCY MANAGEMENT AGENCY'S FLOOD INSURANCE RATE MAP FOR FORT BEND COUNTY, TEXAS AND INCORPORATED AREAS, COMMUNITY PANEL NO. 48157—C—0285L EFFECTIVELY DATED APRIL 2, 2014, THIS PROPERTY LIES IN ZONE "X", AN AREA DETERMINED TO BE OUTSIDE OF THE 0.2% ANNUAL CHANCE FLOODPLAIN.

4.) THIS SURVEY WAS PERFORMED WITHOUT THE BENEFIT OF A CURRENT TITLE REPORT. ADDITIONAL ENCUMBRANCES MAY EXIST THAT ARE NOT SHOWN.

5.) ALL UNDERGROUND UTILITIES MAY NOT BE SHOWN HEREON. THE LOCATIONS OF UTILITIES SHOWN HEREON ARE SHOWN PER RECORD DRAWINGS AND ABOVE GROUND EVIDENCE; SIZES, DEPTHS, AND LOCATIONS MAY VARY. FOR THE LOCATION OF ANY ADDITIONAL UTILITIES THAT MAY EXIST, PLEASE CALL THE "TEXAS ONE CALL" LOCATING SERVICE

6.) THIS TRACT OF LAND WAS SURVEYED IN THE FIELD ON MARCH 21, 2018. ANY CHANGES MADE AFTER THIS DATE ARE NOT SHOWN HEREON.

PER CONTROL MAP FOR STAFFORD ROAD & STAFFORDSHIRE ROAD, SIGNED ON 12-07-09 BY WAYNE J. McKITTRICK, R.P.L.S. NO. 4875, ALL ELEVATIONS ARE BASED ON NAVD 1988 VERTICAL DATUM, 2001 ADJUSTMENT.

REFERENCE TBM A:
BOX CUT ON THE 2ND C-INLET ON THE NORTHEAST SIDE
OF SATFFORDSHIRE ROAD SOUTHEAST OF 5TH STREET.
ELEVATION = 75.63'

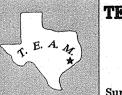
REFERENCE TBM B:
BOX CUT ON THE 3RD C-INLET ON THE NORTHEAST SIDE
OF SATFFORDSHIRE ROAD SOUTHEAST OF 5TH STREET.
ELEVATION = 75.91'

TBM A:
BOX CUT ON NORTH END OF 24" RCP LOCATED ON THE
WEST SIDE OF MOORE ROAD, AS SHOWN.
ELEVATION = 76.14'

LEGEND

 CHAIN LINK FENCE F. B. C. C. F. - FORT BEND COUNTY CLERK'S FILE
F. B. C. D. R. - FORT BEND COUNTY DEED RECORDS
F. B. C. P. R. - FORT BEND COUNTY PLAT RECORDS - FIRE HYDRANT - IRON PIPE - IRON ROD - MANHOLE - OVERHEAD POWER LINE - POWER POLE - REINFORCED CONCRETE PIPE - RIGHT OF WAY R. O. W. SQUARE FEET - STREET LIGHT - WITH - WATER METER TRANSFORMER NOT FIELD VERIFIED

CUS 9-14-18



TEXAS ENGINEERING AND MAPPING CO.
12718 CENTURY DRIVE
STAFFORD, TEXAS 77477
PHONE: 281.491.2525 FAX: 281.491.2535

CITY OF MISSOURI CITY 15.58252 ACRES

(VOL. 1982, PG. 153; F.B.C.D.R.)

www.team-civil.com
Surveying Firm No. 10119000 / Engineering Firm No. F-2906

TOPOGRAPHIC SURVEY

A PORTION OF MOORE ROAD FOR
WATER LINE EXTENSION IN THE
WILLIAM NEAL SURVEY, ABSTRACT NO. 64,
FORT BEND COUNTY, TEXAS

CREW: RL	DRAWN BY: KPR	CALC. BY: BSN	CK.BY: BSN
DATE: 03/28/18	SCALE: 1"=20'	KEY MAP: 569Z	JOB.NO.: 1365-1

DRAWING INFO: Z: \job#\1365-1\dwg\1365-1_Topo.dwg MAR 28, 2018 2:33

CONSTRUCTION NOTES:

- 1. WATER LINES SHALL BE PVC (POLY-VINYL CHLORIDE) PIPE CONFORMING TO A.W.W.A. C-900 PVC, CLASS 150 PER FORT BEND COUNTY AND MUD REQUIREMENTS.
- 2. PVC PIPE BID IN THIS CONTRACT SHALL CONFORM TO THE MOST CURRENT A.W.W.A. AND A.S.T.M. REQUIREMENTS (INCLUDING A.S.T.M. D2412-PIPE STIFFNESS).
- 3. CONTRACTOR SHALL PROVIDE ADEQUATE THRUST BLOCKING TO WITHSTAND TEST PRESSURE AS REQUIRED BY THE MUD AND FORT BEND COUNTY.
- 4. ALL UTILITIES PRESENTED ON THESE DRAWINGS ARE SHOWN AT THE APPROXIMATE LOCATIONS BASED ON THE BEST AVAILABLE INFORMATION. THE CONTRACTOR SHALL FIELD DETERMINE THE EXACT LOCATIONS PRIOR TO COMMENCING CONSTRUCTION. HE SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES CAUSED BY HIS FAILURE TO EXACTLY LOCATE AND MAINTAIN THESE UNDERGROUND UTILITIES.
- 5. CONTRACTOR SHALL UNCOVER EXISTING UTILITIES AT ALL POINTS OF CROSSING TO DETERMINE IF CONFLICT EXISTS BEFORE COMMENCING ANY CONSTRUCTION. NOTIFY THE ENGINEER AT ONCE OF ANY CONFLICT.
- 6. OWNER TO OBTAIN ALL PERMITS REQUIRED BY FORT BEND COUNTY FOR CONSTRUCTION OF UTILITIES AND/OR CULVERTS WITHIN COUNTY ROAD RIGHT-OF-WAY.
- 7. CONTRACTOR TO OBTAIN ALL PERMITS BY REGULATION OF FORT BEND COUNTY, TEXAS FOR FLOOD PLAN MANAGEMENT.
- 8. ALL FILL COMPACTION AND SUBGRADE PREPARATION SHALL BE IN ACCORDANCE WITH SOIL REPORT SPECIFICATIONS.
- 9. THE WORK AREA SHALL BE BARRICADED AND ILLUMINATED DURING DARKNESS AND PERIODS OF INACTIVITY, WHEN IN AN AREA OF DIRECT PUBLIC ACCESS.
- 10. CONTRACTOR SHALL PROVIDE SHEETING, SHORING, AND BRACING AS NECESSARY TO PROTECT WORKMEN AND EXISTING UTILITIES DURING ALL PHASES OF CONSTRUCTION.
- 11. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING, MAINTAINING, AND RESTORING ALL DRAINAGE SYSTEMS.
- 12. ALL FINISHED GRADES SHALL VARY UNIFORMLY BETWEEN FINISHED ELEVATIONS AS SHOWN.
- 13. CONTRACTOR IS TO NOTIFY ALL UTILITY COMPANIES TO VERIFY LOCATION AND DEPTH OF ALL EXISTING UTILITY LINES.
- 14. CONTRACTOR TO OBTAIN ALL PERMITS REQUIRED BY ALL GOVERNING AGENCIES.
- 15. OVERHEAD LINES MAY EXIST ON THE PROPERTY. WE HAVE NOT ATTEMPTED TO MARK THOSE LINES SINCE THEY ARE CLEARLY VISIBLE, BUT YOU SHOULD LOCATE THEM PRIOR TO BEGINNING ANY CONSTRUCTION. TEXAS LAW, SECTION 752, HEALTH & SAFETY CODE. FORBIDS ALL ACTIVITIES IN WHICH PERSONS OR THINGS MAY COME WITHIN SIX (6) FEET OF LIVE OVERHEAD HIGH VOLTAGE LINES. PARTIES RESPONSIBLE FOR THE WORK, INCLUDING CONTRACTORS. ARE LEGALLY RESPONSIBLE FOR THE SAFETY OF CONSTRUCTION WORKERS UNDER THIS LAW. THIS LAW CARRIES BOTH CRIMINAL AND CIVIL LIABILITY. TO ARRANGE FOR LINES TO BE TURNED OFF OR MOVED, CALL RELIANT ENERGY H.L.&P. AT 713-207-7777.
- 16. CONTRACTOR SHALL PROVIDE AND INSTALL TRAFFIC CONTROL DEVICES IN CONFORMANCE WITH PART VI OF THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (TEXAS M.U.T.C.D. MOST RECENT EDITION WITH REVISIONS) DURING CONSTRUCTION.
- 17. CAUTION: UNDERGROUND GAS FACILITIES ENTEX MAIN LINES (TO INCLUDE UNIT GAS TRANSMISSION, AND/OR INDUSTRIAL GAS SUPPLY CORPORATION WHERE APPLICABLE) ARE SHOWN IN AN APPROXIMATE LOCATION ONLY. SERVICE LINES ARE USUALLY NOT SHOWN. THE CONTRACTOR SHALL CONTACT THE UTILITY COORDINATING COMMITTEE AT 713-223-4567 OR 1-800-669-8344 A MINIMUM OF 48 HOURS PRIOR TO CONSTRUCTION TO HAVE MAIN AND SERVICE LINES FIELD LOCATED.
- * WHEN RELIANT ENERGY ENTEX PIPE LINE MARKINGS ARE NOT VISIBLE, CALL 713-967-8037 (7:00 A.M. TO 4:30 P.M.) FOR STATUS OF LINE LOCATION REQUEST BEFORE
- * WHEN EXCAVATING WITHIN EIGHTEEN (18) INCHES OF THE INDICATED LOCATION OF RELIANT ENERGY ENTEX FACILITIES, ALL EXCAVATION MUST BE ACCOMPLISHED USING NON-MECHANIZED EXCAVATING PROCEDURES. * WHEN RELIANT ENERGY ENTEX FACILITIES ARE EXPOSED, SUFFICIENT SUPPORT MUST BE PROVIDED TO THE FACILITIES TO PREVENT EXCESSIVE STRESS ON THE PIPING.
- 18. AT&T TEXAS/SWBT UTILITIES MAY EXIST IN STREET RIGHT OF WAY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION BEFORE COMMENCING WORK. HE AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY HIS FAILURE TO
- 19. ALL EXISTING POWER POLES, LIGHT STANDARDS, SIGNS, ETC. WHICH AFFECT THE PROPOSED CONSTRUCTION, SHALL BE REMOVED AND/OR RELOCATED AS REQUIRED WHETHER SHOWN ON DRAWINGS OR NOT.

EXACTLY LOCATE AND PRESERVE THESE UNDERGROUND UTILITIES.

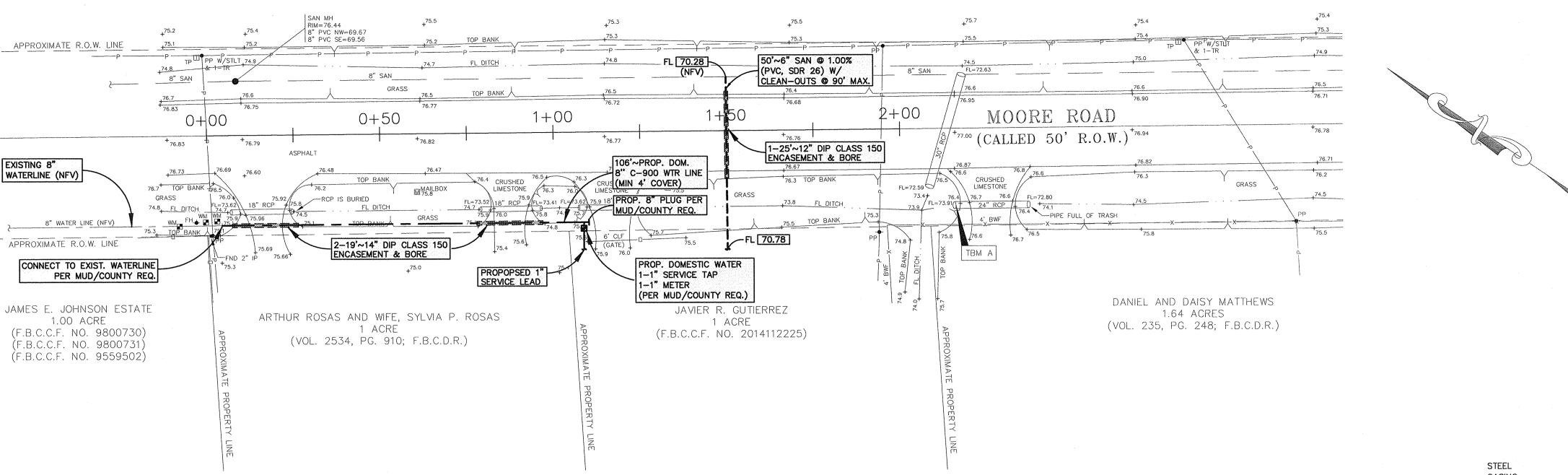
- 20. THE CONTRACTOR SHALL PROVIDE A TRENCH SAFETY SYSTEM TO MEET APPROPRIATE REQUIREMENTS ESTABLISHED IN OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) SAFETY & HEALTH REGULATIONS, 29 CFR 1926, SUBPART P - EXCAVATIONS, TRENCHING, AND SHORING, AND OSHA PROPOSED STANDARDS ON TRENCHING, EXCAVATION PUBLISHED IN VOLUME 52, NO. 72 OF THE FEDERAL REGISTER, APRIL 15, 1987, PAGES 12288-12339. SHOULD THE REFERENCED OSHA STANDARDS BE MODIFIED OR AMENDED, THE MORE STRINGENT REQUIREMENTS SHALL APPLY.
- 21. ADEQUATE DRAINAGE SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION AND ANY DRAINAGE DITCH OR STRUCTURE DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO THE SATISFACTION OF THE OWNING AUTHORITY.
- 22. GUIDELINES SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES SHALL BE OBSERVED.
- 23. THE CONTRACTOR SHALL NOT MAKE ANY FIELD MODIFICATION WITHOUT THE APPROVAL OF THE ENGINEER. TEXAS ENGINEERING AND MAPPING CO., (281) 491-2525. THE APPROVAL MUST BE OBTAINED PRIOR TO RESUMING ANY CONSTRUCTION IN THE AFFECTED AREA.
- 24. CONTRACTOR TO OBTAIN ALL PERMITS REQUIRED BY MUD.

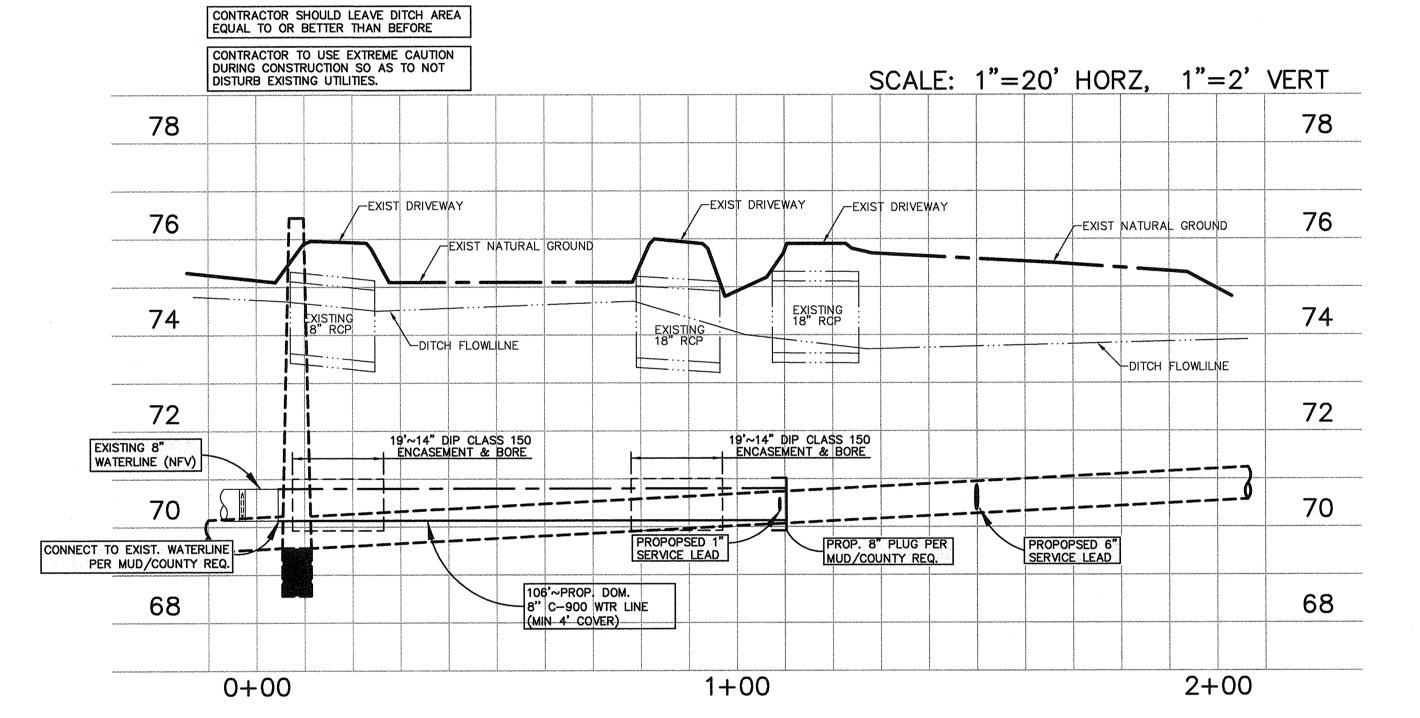
FORT BEND COUNTY ENGINEERING

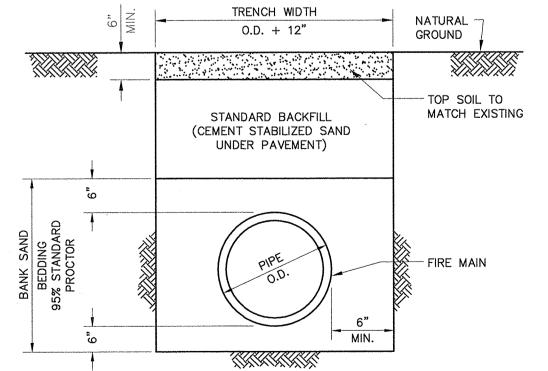
- FORT BEND COUNTY MUST BE INVITED TO THE PRE-CONSTRUCTION MEETING.
 CONTRACTOR SHALL NOTIFY FORT BEND COUNTY ENGINEERING DEPARTMENT 48 HOURS PRIOR TO
 COMMENCING CONSTRUCTION AND 48 HOUR NOTICE TO ANY CONSTRUCTION ACTIVITY WITHIN THE LIMITS OF
- THE PAVING AT CONSTRUCTION OF FORTBEND COUNTYTX.GOV CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS REQUIRED FROM FORT BEND COUNTY PRIOR TO COMMENCING CONSTRUCTION OF ANY IMPROVEMENTS WITHIN COUNTY ROAD RIGHT OF WAYS. ALL PAVING IMPROVMENTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH FORT BEND COUNTY "RULES, REGULATIONS AND REQUIREMENTS" RELATING TO THE APPROVAL AND ACCEPTANCE OF IMPROVEMENTS IN
- SUBDIVISION AS CURRENTLY AMENDED. 5. ALL ROAD WIDTHS, CURB RADII AND CURB ALIGNMENT SHOWN INDICATES BACK OF CURB. 6. A CONTINUOUS LONGITUDINAL REINFORCING BAR SHALL BE USED IN THE CURBS.
- ALL CONCRETE PAVEMENT SHALL BE 5 1/2 SACK CEMENT WITH A MINIMUM COMPRESSIVE STRENGTH OF 3500 PSI AT 28 DAYS. TRANSVERSE EXPANSION JOINTS SHALL BE INSTALLED AT EACH CURB RETURN AND AT A
- ALL WEATHER ACCESS TO ALL EXISTING STREETS AND DRIVEWAYS SHALL BE MAINTAINED AT ALL TIMES. 9. 4"X12" REINFORCED CONCRETE CURB SHALL BE PLACED IN FRONT OF SINGLE FAMILY LOTS ONLY. ALL
- OTHER AREAS SHALL BE 5" REINFORCED CONCRETE CURB. 10. AT ALL INTERSECTION LOCATIONS, TYPE 7 RAMPS 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. CURB HEADERS ARE REQUIRED AT CURB CONNECTIONS TO HANDICAP RAMPS, WITH NO CONSTRUCTION JOINT
- WITHIN 5' OF RAMPS. 12. ALL INTERSECTIONS UTILIZING TRAFFIC CONTROL MEASURES SHALL HAVE A.D.A. WHEEL CHAIR RAMPS
- 13. GUIDELINES ARE SET FORTH IN THE TEXAS "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES". AS CURRENTLY AMENDED, SHALL BE OBSERVED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ADEQUATE FLAGMEN, SIGNING, STRIPING, AND WARNING DEVICES, ETC., DURING CONSTRUCTION — BOTH DAY
- 4. ALL R1-1 STOP SIGNS SHALL BE 30"X30" WITH DIAMOND GRADE SHEETING PER TEXAS MANUAL ON UNIFORM
- TRAFFIC CONTROL DEVICES. 15. STREET NAME SIGNAGE SHALL BE ON A 9" HIGH SIGN FLAT BLADE W/REFLECTIVE GREEN BACKGROUND.
- STREET NAMES SHALL BE UPPER AND LOWERCASE LETTERING WITH UPPERCASE LETTERS OF 6" MINIMUM AND LOWERCASE LETTER OF 4.5" MINIMUM. THE LETTERS SHALL BE REFLECTIVE WHITE. STREET NAME SIGNS SHALL BE MOUNTED ON STOP SIGN POST.

 6. A BLUE DOUBLE REFLECTORIZED BUTTON SHALL BE PLACED AT ALL FIRE HYDRANT LOCATIONS. THE BUTTON
- SHALL BE PLACED 12 INCHES OFF OF THE CENTERLINE OF THE STREET ON THE SAME SIDE AS THE HYDRANT.
 7. THE PROJECT AND ALL PARTS THEREOF SHALL BE SUBJECT TO INSPECTION FROM TIME TO TIME BY INSPECTORS DESIGNATED BY FORT BEND COUNTY. NO SUCH INSPECTIONS SHALL RELIEVE THE CONTRACTOR ANY OF ITS OBLIGATIONS HEREUNDER. NEITHER FAILURE TO INSPECT NOR FAILURE TO DISCOVER OR REJECT ANY OF THE WORK AS NOT IN ACCORDANCE WITH THE DRAWINGS AND SPECIFICATIONS, REQUIREMENTS AND SPECIFICATIONS OF FORT BEND COUNTY OR ANY PROVISION OF THIS PRODUCT SHALL BE CONSTRUED TO IMPLY AN ACCEPTANCE OF SUCH WORK OR TO RELIEVE THE CONTRACTOR OF ANY OF IT
- OBLIGATIONS HEREUNDER. NOTE: FORT BEND COUNTY NOTES SUPERSEDE ANY CONFLICTING NOTES.

DIVINE FARMS, LLC CALLED 38.198 ACRES (F.B.C.C.F. NO. 2016026544)





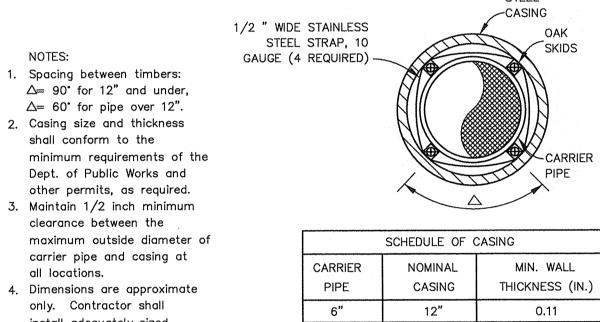


GENERAL NOTES:

- 1. BACKFILL SHALL BE NATIVE SOIL, FREE OF DEBRIS, PLACED IN LIFTS OF EIGHT (8) INCHES OR LESS, COMPACTED TO 95% STANDARD PROCTOR DENSITY, EXCEPT AS REQUIRED UNDER PAVEMENT.
- 2. BACKFILL UNDER PAVEMENT AND PUBLIC STREETS SHALL BE CEMENT STABILIZED SAND (1.5 SACKS OF CEMENT PER CUBIC YARD OF SAND), COMPACTED TO 95% STANDARD PROCTOR DENSITY.
- 3. TRENCH SHORING, IN ACCORDANCE WITH OSHA, SHALL BE INSTALLED AS REQUIRED.

WATER MAIN BEDDING AND BACKFILL

N.T.S.



NOTES:

shall conform to the

all locations.

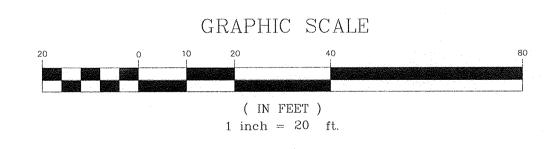
only. Contractor shall install adequately sized 0.15 casing to accommodate the 16" 0.18 carrier pipe. 18" 0.20 NATURAL GROUND __ PAVEMENT ' 1/2 " BEVELED SEAL WITH NON-ENDS (TYP.) SHRINK GROUT OR STEEL APPROVED EQUAL CASING -

CARRIER PIPE

6' MAX.

SPACING OAK SKIDS-SECURELY ELEVATION VIEW FASTEN TO CARRIER PIPE (2"x2" MIN.) **ENCASEMENT & BORE** <u>DETAILS</u>

1' TYPICAL



N.T.S.

THESE SIGNATURES ARE VOID IF CONSTRUCTION HAS NOT COMMENCED IN ONE (1) YEAR FROM DATE OF APPROVAL. DEVELOPMENT COORDINATOR DATE:



SEE SHT C-0 FOR TOPOGRAPHIC SURVEY SEE SHT C-1 FOR WATERLINE EXTENSION & SANITARY CONNECTION SEE SHT C-2 FOR TRAFFIC CONTROL PLAN

0

LEGEND

^{70,5} EXISTING ELEV. 71.20 TOP OF PAVEMENT

TG 69.80 TOP OF GRATE ELEV.

TGR 69.80 TOP OF GRAVEL FL 69.80 FLOW LINE ELEV.

TW 69.80 TOP OF WALK ELEV. FG 69.80 FINISHED GRADE ELEV

GREGORY A. SCHMIDT 67293

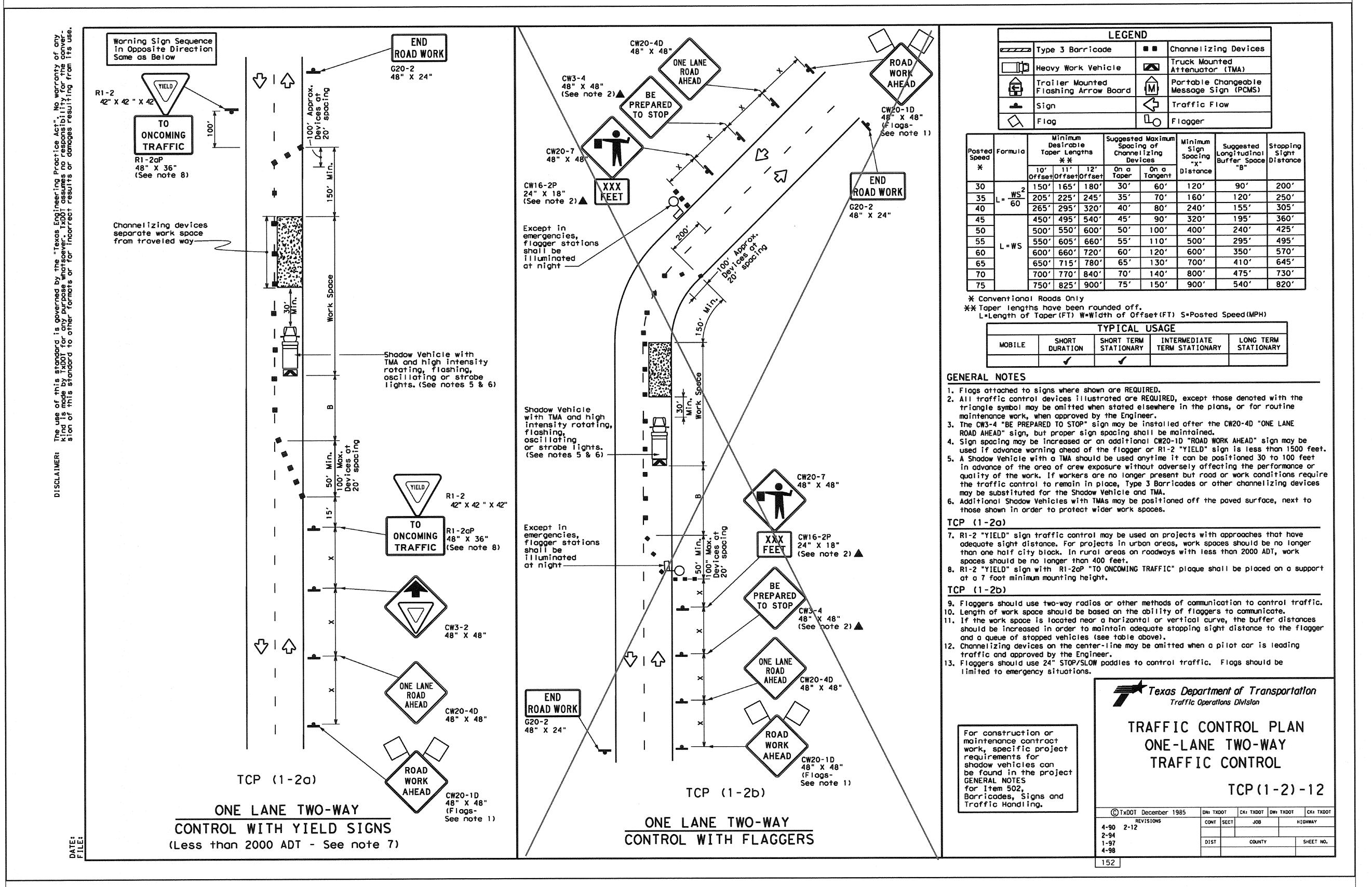


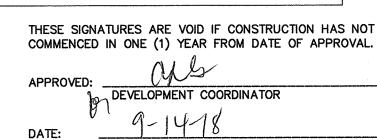
TEXAS ENGINEERING AND MAPPING CO. 12718 CENTURY DRIVE STAFFORD, TEXAS 77477 PHONE: 281.491.2525 FAX: 281.491.2535 SURVEYING FIRM NO. 10119000 / ENGINEERING FIRM NO. F-2900 www.team-civil.com

CS

DRAWN BY: DATE:

04-09-18 JOB NO: 1365-1 REVISION DATE: N/A







SEE SHT C-0 FOR TOPOGRAPHIC SURVEY SEE SHT C-1 FOR WATERLINE EXTENSION & SANITARY CONNECTION SEE SHT C-2 FOR TRAFFIC CONTROL PLAN

ORE

LEGEND

EXISTING ELEV. 71.20 TOP OF PAVEMENT

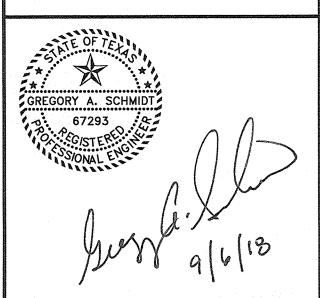
MISSO

TG 69.80 TOP OF GRATE ELEV. TGR 69.80 TOP OF GRAVEL

FL 69.80 FLOW LINE ELEV.

TW 69.80 TOP OF WALK ELEV.

FG 69.80 FINISHED GRADE ELEV





TEXAS ENGINEERING AND MAPPING CO. 12718 CENTURY DRIVE STAFFORD, TEXAS 77477 PHONE: 281.491.2525 FAX: 281.491.2535 SURVEYING FIRM NO. 10119000 / ENGINEERING FIRM NO. F-290 www.team-civil.com

DRAWN BY: DATE: JOB NO:

1365-1 REVISION DATE: N/A

CS

04-09-18

C-2