



**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

☐

Right of Way Permit

☒

Commercial Driveway Permit

Permit No: 2018-22530

Applicant: The Overland Group, LLC/L SQUARED ENGINEERING

Job Location Site: 1827 Trammel Fresno, Fresno, TX 77545

Bond No. **Date of Bond:** 6/14/2018 **Amount:** \$5,000.00

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

Notes:

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

On this 25th day of September, 2018, Upon Motion of Commissioner Muyers, seconded by Commissioner Morales, duly put and carried, it is ORDERED, ADJUDGED AND DECREED that said notice of said above purpose is hereby acknowledged by the Commissioners Court of Fort Bend County, Texas, and that said notice be placed on record according to the regulation order thereof.

Signature

Presented to Commissioners Court and approved.

By: Sean Eglinton

County Engineer

Date Recorded 10-3-2018 Comm. Court No. 16D

N/A

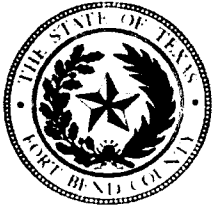
Clerk of Commissioners Court

By:

Drainage District Engineer/Manager

By: Ronda Wilho

Deputy



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

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

- ☐ Right of Way Permit
☒ Commercial Driveway Permit

Permit No: 2018-22530

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

(1) COMPLETE APPLICATION FORM:

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

(2) BOND:

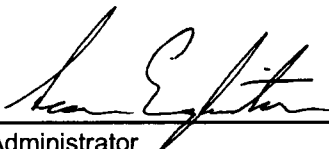
- ☐ County Attorney, approval when applicable.
- ☐ Perpetual bond currently posted. Bond No: _____ Amount: _____
- ☐ Performance bond submitted. Bond No: _____ Amount: _____
- ☒ Cashier's Check Check No: XXXXXXXXXX Amount: \$5,000.00

(3) DRAINAGE DISTRICT APPROVAL (WHEN APPLICABLE):

Drainage District Approval

Date

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



Permit Administrator

9/18/2018

Date

DATE Oct. 1 2018

	DOLLARS	CENTS
CURRENCY		
COINS		
TOTAL CASH		
CHECKS		
1 Cashier's	5,000	—
2 Check #		
3 177639		
4		
5		
6 The Overland		
7 Group, LLC		
8 L. Sigler		
9 Engineering		
10		
11 Permit #		
12 2018-22530		
13		
14 CEN 4-25-18		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
TOTAL FROM OTHER	5,000	—
SIDE OR ATTACHED LIST		
PLEASE PRINT		
TOTAL HERE	5,000	—

DEPOSIT
TICKET
TOTAL ITEMS
1

DEPOSITS MAY NOT
BE AVAILABLE FOR
IMMEDIATE WITHDRAWAL.

RE-ENTER GRAND TOTAL
IN SCREENED BOXES

FORT BEND COUNTY CLERK
REGISTRY FUND
301 JACKSON
RICHMOND, TX 77469



PROSPERITY BANK
SUGAR LAND BANKING CENTER
14080 SOUTH-WEST FREEWAY • SUGAR LAND, TX 77478
281-269-7200 www.prosperitybankusa.com

\$

5,000.00

USE ROUTING NUMBER FROM YOUR CHECKS FOR AUTO

THE FACE OF THIS DOCUMENT HAS A VOID COLORED BACKGROUND AND MICROPRINTING IN SIGNATURE LINE.

Landmark Bank
www.landmarkbank.com

CASHIER'S CHECK

80-867815

177639

06/14/18

REMITTER THE OVERLAND GROUP, LLC

PAY TO THE ORDER OF FORT BEND COUNTY TX

***\$5,000.00**

Five Thousand Dollars AND 00 Cents

FRESNO TX # 19646 DRAINAGE PERMIT

(Perforated Bond) AUTHORIZED SIGNATURE

THE REVERSE SIDE OF THIS DOCUMENT HAS AN ARTIFICIAL WATERMARK



PRINT

Order Confirmation

Fort Bend County, Office of County Clerk

301 Jackson Street
Richmond, TX 77469

TXCLASS

Order Date: 10/2/2018 Order Number: TXO02767795

Participant Name: Fort Bend County, Office of County Clerk

Account Name: CCM2018-

Account Number:

[REDACTED]

Authorized

Linda Willis

[REDACTED]

Transaction Type: Contribution

Transaction Amount: \$5,000.00

Bank Name: PROSPERITY BANK

Bank Account No:

[REDACTED]

Payment Type:

ABA:

*Please note you have made an ACH Contribution, these funds
not be available for withdrawal until the following business*

Payment Instructions:

Memo:

DEPOSIT

PERMIT #

2018-22530

STYLE:

The Overland Group LLC/L
Squared Engineering

NAME PUT INTO TEXAS CLASS AS:

CCM2018-
[REDACTED]

TEXAS CLASS ACCOUNT NUMBER

[REDACTED]

DEPOSIT AMOUNT:

\$5,000.00

DATE RECEIVED:

9/25/2018

DATE TRANSFERRED TO TEXAS CLASS:

10/2/2018

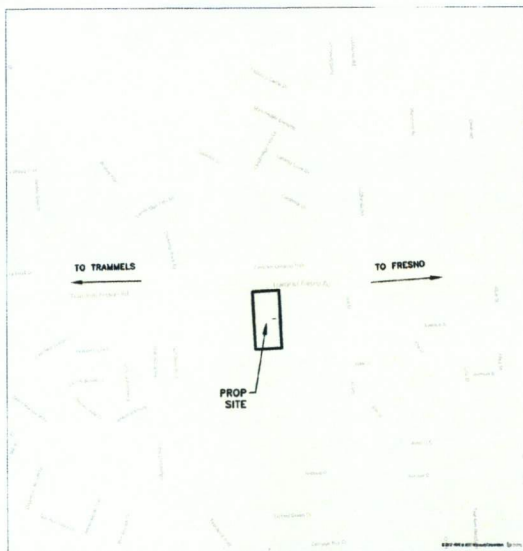
FORT BEND COUNTY, TEXAS

DOLLAR GENERAL

1827 TRAMMEL FRESNO ROAD FRESNO, TEXAS 77545

SHEET INDEX

- # TITLE
- 01 COVER SHEET
- 02 EXISTING CONDITIONS SURVEY & DRAINAGE PLAN
- 03 OVERALL SITE PLAN
- 04 DRAINAGE CONTROL AND PAVING PLAN
- 05 UTILITY PLAN
- 06 GRADING PLAN
- 07 DRAINAGE AND STORM SEWER PLAN
- 08 DETENTION AREA PLAN & SECTIONS
- 09 FIRE LANE PLAN AND DETAILS
- 10 SWP'S
- 11 CONSTRUCTION NOTES
- 12 PAVING AND PARKING DETAILS
- 13 UTILITY DETAILS
- 14 DRAINAGE AND STORM SEWER DETAILS
- 15 TRAFFIC CONTROL PLAN
- 16-20 REFERENCE SHEET - EXIST DRAINAGE FOR TRAMMEL FRESNO ROAD



KEY MAP Z-120, Z-136
SCALE: 1" = 500'

PROJECT NOTES

ENGINEER'S CERTIFICATION:
I CERTIFY THAT THESE PLANS WHICH BEAR MY SEAL HAVE BEEN PREPARED BY ME OR UNDER MY CLOSE PERSONAL SUPERVISION AND ARE IN COMPLIANCE WITH ALL APPLICABLE CITY, STATE AND FEDERAL REQUIREMENTS. THE PROPOSED SITE WILL NOT INTERFERE WITH THE FLOW OF SURFACE WATER FROM ADJACENT PROPERTIES, WILL NOT ALTER THE NATURAL FLOW OF SURFACE WATER SO AS TO EXCHANGE THEM UPON ADJACENT PROPERTY EXCEPT AT A MORE HARMFUL RATE OR IN A MANNER WHICH EXCEEDS THE CAPACITY OF THE RECEIVING WATERCOURSE.

CITY NOTE:
FIELD VERIFY ALL EXISTING CONDITIONS AND ELEVATIONS INCLUDING PAVEMENT AND UTILITIES TO BE MAINTAINED TO CONSTRUCTION. ADVISE ENGINEER OF ALL DISCREPANCIES PRIOR TO BEGINNING ANY WORK.

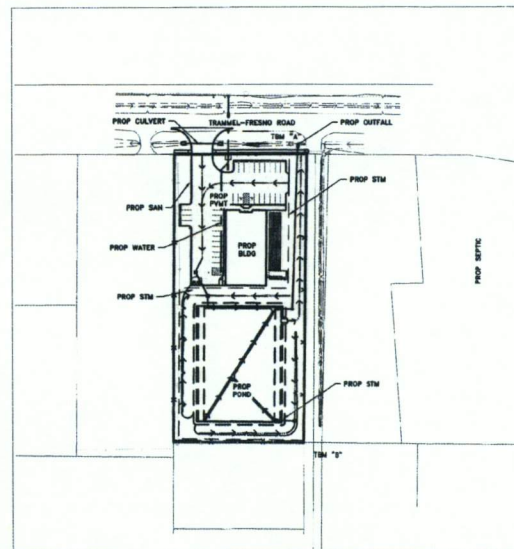
TOLAR NOTE:
TOLAR DEPARTMENT OF LICENSES AND REGISTRATION (TOLAR) NUMBER REQUIRED FOR ALL PROPOSED COMMERCIAL BUILDINGS. **IF TOLAR NUMBER IS NOT PRESENT, CLIENT IS RESPONSIBLE FOR ACQUIRING REGISTRATION NUMBER PRIOR TO CONSTRUCTION.

LEGAL DESCRIPTION:
A 2.568 ACRES TRACT OF LAND (CALLED 2.568 ACRES) RECORDED IN VOL. 765, P. 105, 181 & 182, OUT OF AND BEING A PART OF A CALLED 23.0371 ACRES TRACT (CALLED 23.0371 ACRES) RECORDED IN VOL. 104, P. 221 & 222, B.L.D. 1, SITUATED IN BLOCK 38 OF THE CO-OP #8 SECULAR SUBDIVISION IN THE MOORE SHIPMAN SURVEY, ABSTRACT 181, CITY OF FRESNO, FORT BEND COUNTY, TEXAS.

BENCHMARK:
TRAMMEL BENCHMARK "A" IS A 1" IRON ROD SET ON THE SOUTH SIDE OF TRAMMEL FRESNO EASER, 1' OF 14" GRAVEL DRIVEWAY INTO SUBJECT TRACT.

ELEVATION 49.05, MAY 1988
TRAMMEL BENCHMARK "B" IS A 1" IRON ROD SET IN A GRAVEL DRIVEWAY NEAR THE SOUTHWEST CORNER OF SUBJECT TRACT.

ELEVATION 34, MAY 1988
FLOODPLAIN: THE SUBJECT PROPERTY LIES WITHIN ZONE "X" AS SHOWN ON FIRM NO. 48115C0333, MAP REVISED APRIL 2, 2014.



PROJECT MAP
SCALE: 1" = 100'

FORT BEND COUNTY ENGINEER
APPROVED: *[Signature]*
DATE: 7/30/18

THESE SIGNATURES ARE VOID OF CONSTRUCTION UNLESS NOTED IN (1) YEAR FROM DATE OF APPROVAL.

APPROVED: *[Signature]*
DATE: 7/30/18



L SQUARED ENGINEERING
COMMERCIAL, RESIDENTIAL
WWW.LSENGINEERING.COM

CLIENT INFORMATION
1827 TRAMMEL FRESNO ROAD
FRESNO, TEXAS 77545

PROJECT ADDRESS
1827 TRAMMEL FRESNO ROAD
FRESNO, TEXAS 77545

DOLLAR GENERAL

FRESNO

COVER SHEET

#	DATE	BY	COMMENT
0	05/03/18	JLS	PERMIT ISSUE

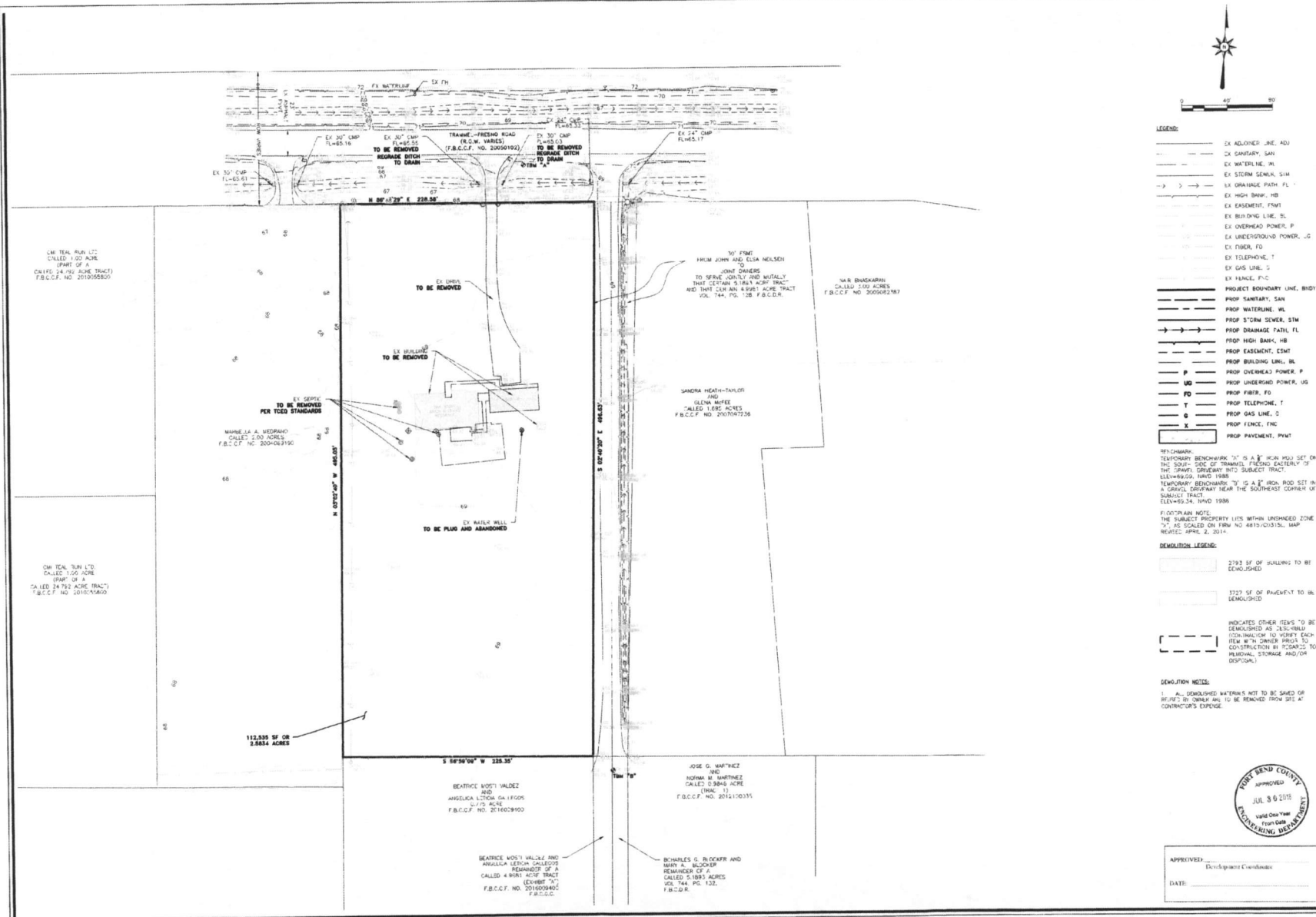
PROJECT	DATE	BY	CHECKED	DATE
20054	05/03/18	JLS	JLS	05/03/18

AS SHOWN: **01**



08/17/2018

PLEASE NOTE: THESE PLANS ARE FOR INFORMATION ONLY AND ARE NOT TO BE USED FOR CONSTRUCTION UNLESS NOTED IN (1) YEAR FROM DATE OF APPROVAL.



LEGEND:

- EX ADJACENT JNE. ADJ
- EX SANITARY, SAN
- EX WATERLINE, WL
- EX STORM SEWER, SIM
- EX DRAINAGE PATH, FL
- EX HIGH BANK, HB
- EX EASEMENT, EMT
- EX BUILDING LINE, BL
- EX OVERHEAD POWER, P
- EX UNDERGROUND POWER, UG
- EX FIBER, FO
- EX TELEPHONE, T
- EX GAS LINE, G
- EX FENCE, FIC
- PROJECT BOUNDARY LINE, BNDT
- PROP SANITARY, SAN
- PROP WATERLINE, WL
- PROP STORM SEWER, SIM
- PROP DRAINAGE PATH, FL
- PROP HIGH BANK, HB
- PROP EASEMENT, EMT
- PROP BUILDING LINE, BL
- PROP OVERHEAD POWER, P
- PROP UNDERGROUND POWER, UG
- PROP FIBER, FO
- PROP TELEPHONE, T
- PROP GAS LINE, G
- PROP FENCE, FIC
- PROP PAVEMENT, PAVT

REMARKS:

TEMPORARY BENCHMARK "1" IS A 8" IRON ROD SET ON THE SOUTH SIDE OF TRIMMIS, FRESNO, EASTERLY OF THE "PANEL" DRIVEWAY INTO SUBJECT TRACT.

ELLEV=88.00, NAD 1988

TEMPORARY BENCHMARK "2" IS A 8" IRON ROD SET IN A GRAVEL DRIVEWAY NEAR THE SOUTHEAST CORNER OF SUBJECT TRACT.

ELLEV=89.34, NAD 1988

FOOTPRINT NOTE:

THE SUBJECT PROPERTY LOTS WITHIN UNREDEEMED ZONE "7" AS SCALED ON FIRM NO. 4819/03135L, MAP DATED APRIL 2, 2011.

DEMOLITION LEGEND:

- 2793 SF OF BUILDING TO BE DEMOLISHED
- 3727 SF OF PAVEMENT TO BE DEMOLISHED

INDICATES OTHER ITEMS TO BE DEMOLISHED AS DISCUSSED IN CONSTRUCTION TO VERIFY EACH ITEM WITH OWNER PRIOR TO CONSTRUCTION BY REPAIRS TO REMOVAL, STORAGE AND/OR DISPOSAL.

DEMOLITION NOTES:

1. ALL UNREDEEMED MATERIALS NOT TO BE SAID OR REUSE; TO ONLY BE TO BE REMOVED FROM SITE AT CONTRACTOR'S EXPENSE.

APPROVED: _____

DATE: _____

Development Coordinator

LSQUARED ENGINEERING
MUNICIPAL, COMMERCIAL, RESIDENTIAL
WWW.LSQUAREDENGINEERING.COM

CLIENT INFORMATION

THESE INFORMATION ARE NOT TO BE USED FOR ANY OTHER PROJECTS WITHOUT THE WRITTEN PERMISSION OF LSQUARED ENGINEERING, INC.

PROJECT ADDRESS

112335 SF ON 2.8844 ACRES

DOLLAR GENERAL FRESNO EXISTING CONDITIONS SURVEY & DEMOLITION PLAN

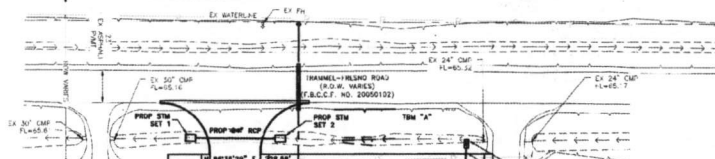
DRAWING ISSUE			
#	DATE	BY	COMMENT
1	05/17/2014	ESL	PERMIT ISSUE

DRAWING INFORMATION

PROJECT	200641 TRIMMIS	DATE	05/17/2014
DRAWN	LIB	CHECKED	JG
SCALE	SHEET		
1" = 40' (2436)		02	
1" = 80' (11417)			

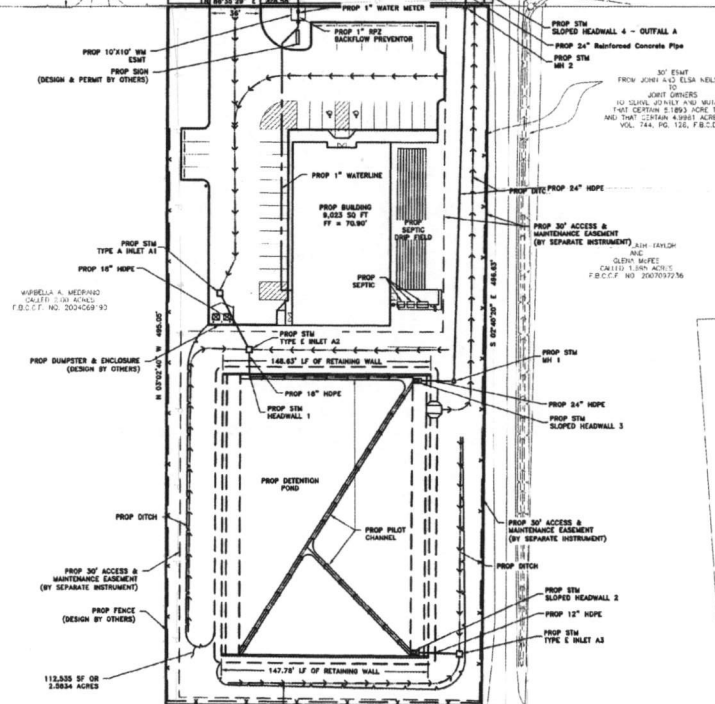
05/17/2014

THIS PLAN IS PREPARED FOR THE CLIENT'S USE ONLY. IT IS NOT TO BE USED FOR ANY OTHER PROJECTS WITHOUT THE WRITTEN PERMISSION OF LSQUARED ENGINEERING, INC.



CM TEAL, P.A. LTD.
CALL: 1-202-409-
PART OF A
CALLED 24-775 ACRES TRACT;
F.B.C.C.F. NO. 201005600

CM TEAL, P.A. LTD.
CALL: 1-202-409-
PART OF A
CALLED 24-775 ACRES TRACT;
F.B.C.C.F. NO. 201005600



BEATRICE MOSE VALDEZ
AND
ANGELICA LUCIA GALAGOS
REMANEGER OF A
CALLED 2-775 ACRES TRACT
F.B.C.C.F. NO. 201000940

BEATRICE MOSE VALDEZ AND
ANGELICA LUCIA GALAGOS
REMANEGER OF A
CALLED 2-775 ACRES TRACT
(EXHIBIT 7A)
F.B.C.C.F. NO. 201000940
F.B.C.C.F.

JOEL C. MARTINEZ
AND
NORMA W. MARTINEZ
CALLED 2-775 ACRES TRACT
F.B.C.C.F. NO. 2010100035

CHARLES G. BLOCKER AND
JANE A. BLOCKER
REMANEGER OF A
CALLED 2-183 ACRES TRACT
VOL. 744, PG. 126, F.B.C.D.R.

NAB 3-434343
CALLED 3-00 ACRES
F.B.C.C.F. NO. 2006062387



- LEGEND:**
- EX ADJ. OWNER LINE, ADJ.
 - EX SANITARY, SAN
 - EX WATERLINE, WL
 - EX STORM SEWER, STM
 - EX DRAINAGE PATH, FL
 - EX HIGH BANK, HB
 - EX EASEMENT, ESMT
 - EX BUILDING LINE, BL
 - EX OVERHEAD POWER, P
 - EX UNDERGROUND POWER, UG
 - EX FIBER, FO
 - EX TELEPHONE, T
 - EX GAS LINE, G
 - EX FENCE, FNC
 - PROJECT BOUNDARY LINE, BNDY
 - PROP SANITARY, SAN
 - PROP WATERLINE, WL
 - PROP STORM SEWER, STM
 - PROP DRAINAGE PATH, FL
 - PROP HIGH BANK, HB
 - PROP EASEMENT, ESMT
 - PROP BUILDING LINE, BL
 - PROP OVERHEAD POWER, P
 - PROP UNDERGROUND POWER, UG
 - PROP FIBER, FO
 - PROP TELEPHONE, T
 - PROP GAS LINE, G
 - PROP FENCE, FNC
 - PROP "UNRECORDED" FENCE

BENCHMARK:
TEMPORARY BENCHMARK "A" IS A 3" IRON ROD SET ON THE SOUTH SIDE OF TRAILING, FREEDOM GATEWAY, IN THE GRAVEL DRIVEWAY INTO SUBJECT TRACT. ELEVATION: 1140.00.

TEMPORARY BENCHMARK "B" IS A 3" IRON ROD SET IN A GRAVEL DRIVEWAY NEAR THE SOUTHWEST CORNER OF SUBJECT TRACT. ELEVATION: 1140.00.

FLOODPLAIN NOTE:
THE SUBJECT PROPERTY LIES WITHIN A FLOODPLAIN ZONE "X", AS SHOWN ON FIRM NO. 4815700312L, MAP REVISED APRIL 2, 2014.

ADDITIONAL NOTES:
CONSTRUCTION OF DRIVEWAY AND THE SIZE AND PLACEMENT OF CURB AND GUTTER TO BE COORDINATED WITH FHC ROAD AND BRIDGE DEPARTMENT AT 261-342-4313.

DRAWING DATE			
#	DATE	BY	COMMENT
0	05/13/18	ILL	PERMIT ISSUE

DRAWING INFORMATION			
PROJECT	20054 TON	DATE	05/13/18
DRAWN	LSB	CHECKED	RS
SCALE	1" = 40' (24x36)	SHEET	03
	1" = 80' (11x17)		

APPROVED: _____
DATE: _____

FOR THE COUNTY OF LOS ANGELES
JUL 8 2018
Valid One Year From Date
F.B.C.D.R.

L SQUARED ENGINEERING
MUNICIPAL, COMMERCIAL, RESIDENTIAL
WWW.LSENGINEERING.COM

CLIENT INFORMATION
PROJECT: 20054 TON
20054 TON CENTER DRIVE, 2005
1000 N. GARDEN STREET
FRESNO, CA 93703

PROJECT ADDRESS
20054 TON CENTER DRIVE
FRESNO, CA 93703

DOLLAR GENERAL
FRESNO

OVERALL SITE PLAN

DRAWING DATE

#	DATE	BY	COMMENT
0	05/13/18	ILL	PERMIT ISSUE

DRAWING INFORMATION

PROJECT	20054 TON	DATE	05/13/18
DRAWN	LSB	CHECKED	RS
SCALE	1" = 40' (24x36)	SHEET	03
	1" = 80' (11x17)		

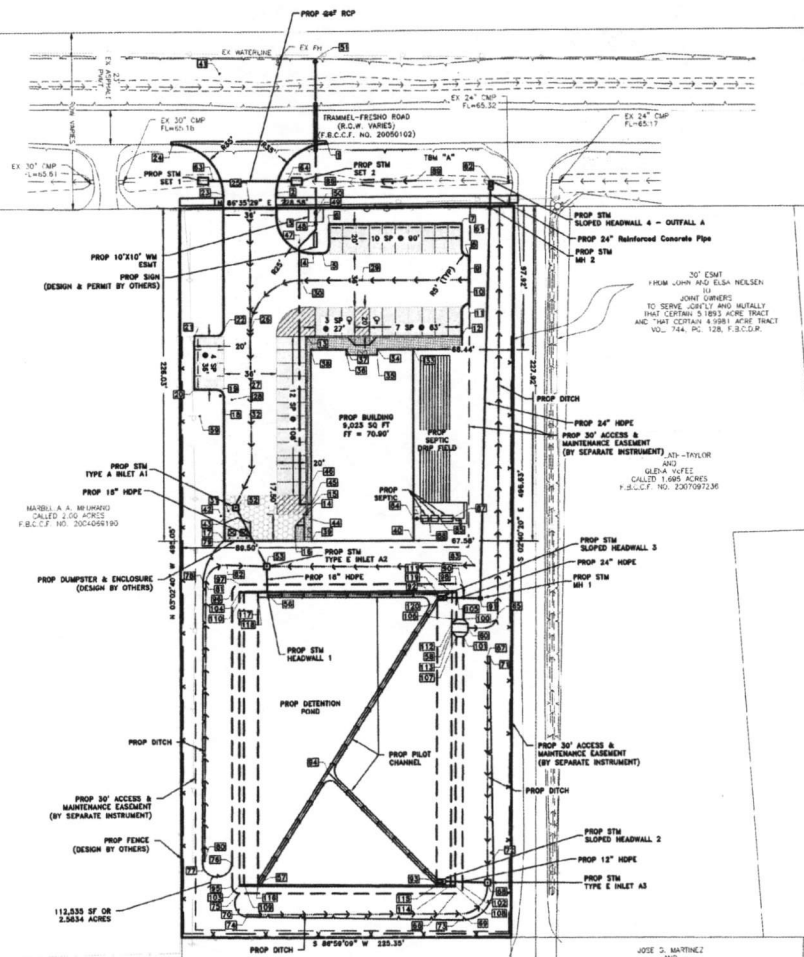
APPROVED: _____
DATE: _____

FOR THE COUNTY OF LOS ANGELES
JUL 8 2018
Valid One Year From Date
F.B.C.D.R.

APPROVED: _____
DATE: _____

FOR THE CITY OF FRESNO
JUL 11 2018
Valid One Year From Date
F.B.C.D.R.

05/13/2018



ONE TIAL RUN, LTD.
CALLED 1.00 ACRE
(PART OF A
CALL 24.792 ACRE TRACT)
F.B.C.C.F. NO. 201005800

MARIBU, A. & MARGARET
CALLED 2.00 ACRES
F.B.C.C.F. NO. 200409190

ONE TIAL RUN, LTD.
CALLED 1.00 ACRE
(PART OF A
CALL 24.792 ACRE TRACT)
F.B.C.C.F. NO. 201005800

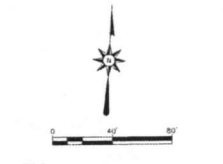
BEATRICE MISTY VALDEZ
AND
ANGELICA LETICIA GALLEGO
CALLED 0.10 ACRE
F.B.C.C.F. NO. 201009100

JOSE D. MARTINEZ
AND
NICOLAS W. MARTINEZ
CALLED 0.08 ACRE
(TRACT 1)
F.B.C.C.F. NO. 201210035

BEATRICE MISTY VALDEZ AND
ANGELICA LETICIA GALLEGO
CALLED 4.00 ACRES TRACT
(ENCL. 10)
F.B.C.C.F. NO. 201009100

CHARLES C. BUCKER AND
WENDY A. BUCKER
CALLED 0.10 ACRE TRACT
(TRACT 1)
F.B.C.C.F. NO. 201009100

PAVING COORDINATES			STORM SEWER & POND COORDINATES		
POINT #	NORTHING	EASTING	POINT #	NORTHING	EASTING
1	13758165.0008	3087217.0663	31	13758064.1840	3087161.7318
2	13758160.1370	3087184.2444	32	13758044.7979	3087165.6742
3	13758143.2854	3087184.4024	33	13758035.8832	3087188.9182
4	13758119.4304	3087210.7445	34	13758068.0300	3087181.3061
5	13758119.9781	3087217.2373	35	13758060.5696	3087185.3019
6	13758140.2137	3087221.1868	36	13758070.6726	3087218.8088
7	13758145.0003	3087211.6437	37	13758070.9926	3087228.5888
8	13758123.2871	3087217.2022	38	13758157.3312	3087228.9183
9	13758109.3181	3087217.8754	39	13758178.6068	3087228.8028
10	13758105.3818	3087218.1058	40	13758081.8889	3087248.3456
11	13758091.3278	3087218.9032	41	13758080.7884	3087230.0369
12	13758089.1078	3087215.0811	42	13758082.3019	3087243.9839
13	13758083.4437	3087208.7318	43	13758069.4234	3087351.7736
14	13758084.6150	3087215.1969	44	13758077.3029	3087333.2251
15	13758084.5086	3087213.1867	45	13758068.4082	3087186.1606
16	13758082.7408	3087206.4062	46	13758052.4158	3087224.4790
17	13758082.1817	3087180.1813	47	13758018.1287	3087234.8875
18	13758015.3798	3087205.2167	48	13758072.9389	3087233.4831
19	13758019.4075	3087205.0222	49	13758067.8137	3087188.2185
20	13758023.4530	3087124.7584	50	13758063.3820	3087182.3814
21	13758059.4021	3087182.8438	51	13758073.7860	3087176.1875
22	13758058.4887	3087182.5487	52	13758073.9489	3087156.2118
23	13758166.8033	3087147.7463	53	13758082.6724	3087148.8831
24	13758186.6181	3087111.0585	54	13758091.4688	3087159.2291
25	13758146.6340	3087165.1409	55	13758074.0258	3087192.7113
26	13758064.4189	3087170.8281	56	13758091.4363	3087146.5305
27	13758028.4885	3087172.8408	57	13758055.2320	3087182.4788
28	13758017.8075	3087160.5772	58	13758013.8839	3087321.6148
29	13758103.4371	3087245.1494	59	13758043.4822	3087288.4635
30	13758101.2304	3087303.7151	60	13758044.6131	3087306.2143
31	13758042.1848	3087181.7318	61	13758170.0700	3087241.8327
32	13758008.4978	3087173.8043	62	13758094.8084	3087314.7181
BUILDING COORDINATES			63	13758043.0264	3087299.3304
33	13758058.3654	3087282.8085	64	13758173.1860	3087225.9248
34	13758057.0620	3087258.1341	65	13758086.3387	3087325.5851
35	13758053.4008	3087258.3291	66	13758091.8806	3087328.9399
36	13758050.2837	3087237.3588	67	13758090.3005	3087307.7428
37	13758058.9482	3087237.1638	68	13758098.2254	3087316.8297
38	13758054.6426	3087212.7055	69	13758078.5049	3087239.2092
39	13758064.8296	3087216.6182	70	13758068.1875	3087177.2961
40	13758028.5483	3087288.2202	71	13758087.0838	3087187.1432
WATERLINE COORDINATES			72	13758062.8885	3087212.1058
100	13758078.8482	3087218.7277	73	13758060.3671	3087218.7277
41	13758238.9041	3087140.7988	101	13758064.7655	3087326.8161
42	13758238.3407	3087158.8091	102	13758056.8821	3087334.7824
43	13758056.4936	3087158.6520	103	13758069.0258	3087182.1889
44	13758059.6402	3087217.0584	104	13758067.4578	3087172.0175
45	13758049.6723	3087218.2980	105	13758080.0918	3087220.4533
46	13758049.2488	3087210.3073	106	13758076.2142	3087221.3302
47	13758126.8827	3087200.8488	107	13758064.5792	3087221.9444
48	13758139.0714	3087211.8029	108	13758065.8740	3087228.7862
49	13758144.5387	3087211.5177	109	13758069.7241	3087185.2008
50	13758147.4039	3087211.5911	110	13758067.1701	3087175.0857
51	13758093.2994	3087208.7728	111	13758084.3168	3087175.8243
			112	13758073.5285	308718.4844
			113	13758068.0835	308718.7479
			114	13758066.2158	3087225.7834
			115	13758065.9758	3087217.8288
			116	13758060.1871	3087184.9711
			117	13758064.9081	3087184.9803
			118	13758067.8761	3087184.0117
			119	13758063.8131	3087207.4338
			120	13758067.3138	3087207.7491



- LEGEND:
- EX ADJOINER LINE, ADJ
 - EX SANITARY, SAN
 - EX INTERFERE, IN
 - EX STORM SEWER, STM
 - EX DRAINAGE PATH, FL
 - EX HIGH BANK, HB
 - EX EASEMENT, ESM
 - EX BUILDING LINE, BL
 - EX OVERHEAD POWER, P
 - EX UNDERGROUND POWER, LG
 - EX ROAD, RD
 - EX TELEPHONE, T
 - EX GAS LINE, G
 - EX FENCE, FNC
 - PROJECT BOUNDARY LINE, BNDY
 - PROP SANITARY, SAN
 - PROP INTERFERE, IN
 - PROP STORM SEWER, STM
 - PROP DRAINAGE PATH, FL
 - PROP HIGH BANK, HB
 - PROP EASEMENT, ESM
 - PROP BUILDING LINE, BL
 - PROP OVERHEAD POWER, P
 - PROP UNDERGROUND POWER, LG
 - PROP ROAD, RD
 - PROP TELEPHONE, T
 - PROP GAS LINE, G
 - PROP FENCE, FNC
 - PROP PAVEMENT, PVT

BENCH MARK:
TEMPORARY BENCHMARK "X" IS A 8" IRON ROD SET ON THE SOUTH SIDE OF FRAME, FURNISH EASTERLY OF THE GRAVEL UNDERLAY INTO SUBJECT TRACT.
ELEVATION: 1988.8
TEMPORARY BENCHMARK "Y" IS A 8" IRON ROD SET IN A GRAVEL OVERLAY NEAR THE SOUTHWEST CORNER OF SUBJECT TRACT.
ELEVATION: 1988.8

F.C.O.P.L.A. NOTE:
THE SUBJECT PROPERTY LIES WITHIN UNIMPAVED ZONE "Z" AS SHOWN ON THE 1988-1989 MAP.
REVISED APRIL 2, 2014.

PARKING REQUIREMENTS:

USE	RATE	R/D	PROP
		STD/ADA	STD/ADA
VEHICLE	5/1250	34/2	34/2
TOTALS		36	36

- PAVING LEGEND:
- 7.125" 9" OF 5" CONCRETE
 - 24.445" 5" OF 6" CONCRETE
 - 1.601" 5" OF 6" CONCRETE
 - 1.485" 5" OF 4" SIDEWALK

DIMENSIONAL CONTROL NOTES:
1. ALL COORDINATE POINTS AND DIMENSIONS (FROM ARE TO THE FACE OF CURB UNLESS OTHERWISE NOTED).

PAVING NOTES:
1. SEE PAVING DIMENSIONS AND SPECIFICATIONS PROVIDED ON DETAIL SHEETS.
2. CONTRACTOR TO INSURE CONSTRUCTION JOINTS AT PROPERTY LINE.

APPROVED: _____
Development Coordinator

DATE: _____

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PROJECT ADDRESS: 12345 MAIN STREET, FRESNO, CA 93701
PROJECT NO: 201009100

CLIENT INFORMATION
CONTRACT NO: 201009100
PROJECT ADDRESS: 12345 MAIN STREET, FRESNO, CA 93701
PROJECT NO: 201009100

DOLLAR GENERAL FRESNO DIMENSIONAL CONTROL AND PAVING PLAN

DRAWING ISSUE

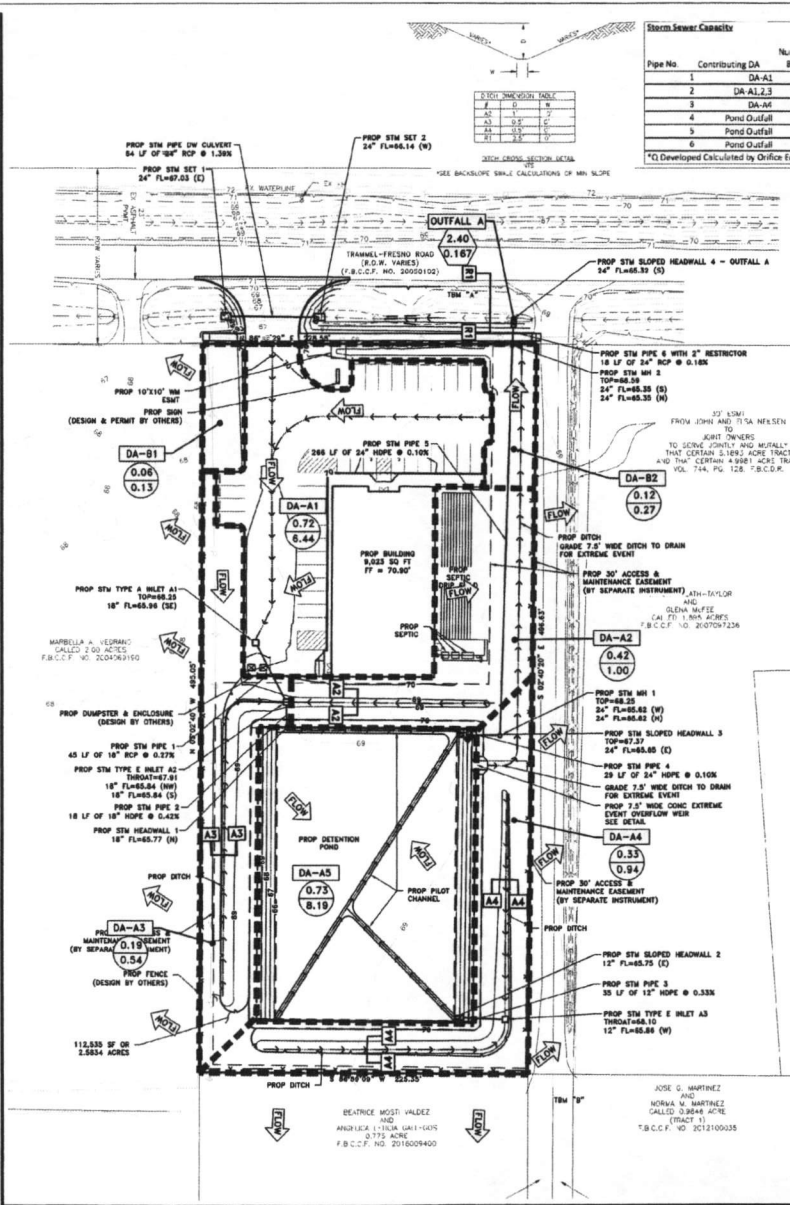
#	DATE	BY	COMMENTS
1	05/17/2018	ELI	PERMIT ISSUE

DRAWING INFORMATION

PROJECT	20204	TEA	**
DRAWN	CEJ	CHECKED	JG
SCALE	1" = 40' (24436)		
	1" = 80' (12117)		
SHEET			04

05/17/2018





Storm Sewer Capacity

Pipe No.	Contributing DA	Barrels	Dia	Material	Area (A)	Perimeter (P)	R _h (A/P)	Slope (S)	Roughness (n)	Q _{max} (CFS)	V _{max} (FPS)	Storm Design Event	Q _{design} (CFS)	Capacity?
1	DA-A1	1	1.5	HDPE	1.77	4.71	0.375	0.0027	0.011	6.45	3.65	25-Yr	6.44	yes
2	DA-A1,2,3	1	1.5	HDPE	1.77	4.71	0.375	0.0042	0.011	8.04	4.35	25-Yr	7.99	yes
3	DA-A4	1	1.5	HDPE	1.77	4.71	0.375	0.0038	0.011	7.13	4.03	25-Yr	6.94	yes
4	Pond Outfall	1	1.5	HDPE	1.77	4.71	0.375	0.001	0.011	3.92	2.22	100-Yr	1.55	yes
5	Pond Outfall	1	1.5	HDPE	1.77	4.71	0.375	0.001	0.011	3.92	2.22	100-Yr	1.55	yes
6	Pond Outfall	1	1.5	RCP	1.77	4.71	0.375	0.0018	0.012	4.83	2.73	100-Yr	1.55	yes

*Q Developed Calculated by Office Equation, See Restrictor Calculation

Drainage Calculations (25-Yr)

Drainage Area	Area	Tc	C	I	C _u	Q
DA-A1	0.72	8.9	0.85	9.56	1.1	6.44
DA-A2	0.42	18.0	0.30	7.24	1.1	1.00
DA-A3	0.19	22.0	0.30	8.60	1.1	0.54
DA-A4	0.33	11.8	0.30	8.66	1.1	0.94
DA-A5	0.73	5.0	1.00	11.21	1.0	8.19
DA-B1	0.06	5.0	1.00	11.21	1.1	0.19
DA-B2	0.13	5.0	1.00	11.21	1.1	0.27

Drainage Calculations (100-Yr)

Drainage Area	Area	Tc	C	I	C _u	Q
DA-A1	0.72	8.9	0.85	12.03	1.17	8.62
DA-A2	0.42	18.0	0.30	9.36	1.25	1.47
DA-A3	0.19	22.0	0.30	10.95	1.25	0.78
DA-A4	0.33	11.8	0.30	11.02	1.25	1.36
DA-A5	0.73	5.0	1.00	13.83	1.00	10.10
DA-B1	0.06	5.0	1.00	13.83	1.25	0.19
DA-B2	0.13	5.0	1.00	13.83	1.25	0.37

*Calculated to be less if product of C and C_u > 1 per Drainage Criteria Manual for Fort Bend County Section 2.4.1

Restrictor Calculations

Restrictor type: Office (pipe in a pipe)
Office flow equation: $Q = C \cdot A \cdot \sqrt{h}$ (gpm)

Where:
Q = 100 Year Allowable Flow (cfs) = 0.26 cfs (Allowable of 0.125 cfs/acre)
C = Office Coefficient of 0.4
A = Area of Pipe (ft²) = 0.4
h = 32.2 (ft)
h = head (ft) = 2.51
D = Diameter of Pipe

Solving for D:
 $D = Q^{1/2} / (1.477 \cdot \sqrt{h})$
D = 0.206'

Use 2" Restrictor
Total Restrictor Flow: Q = 0.167 cfs

Allowable Outfall Rate

Area	Rate (cfs/acre)	Max Allowable (cfs)
2.1	0.1315	0.263

Weir Sizing

Weir Sizing Equation: $Q = C_{wL} H^{3/2}$

Where:
Q = 100 - Yr In-Flow (cfs) = 22.33 cfs
C = Discharge coefficient (3.1)
H = head (ft) = 1.0'
L = Length of Weir (ft)

Required Length of Weir:
7.20'

Provided Length of Weir:
L = 7.5'

Roadside Ditch Capacity

Drainage Area	Area (A)	Perimeter (P)	R _h (A/P)	Slope (S)	Roughness (n)	Q _{max} (CFS)	V _{max} (FPS)	Storm Design Event	Q _{design} (CFS)	Capacity?
1	1.77	4.71	0.375	0.0027	0.011	6.45	3.65	25-Yr	6.44	yes

Roadside Ditch Pro-Rata Share Computations

Drainage areas used are found in referenced Trammel-Fresno plans attached to this plan set

Drainage Area	Area (A)	Perimeter (P)	R _h (A/P)	Slope (S)	Roughness (n)	Q _{max} (CFS)	V _{max} (FPS)	Storm Design Event	Q _{design} (CFS)	Capacity?
1	1.77	4.71	0.375	0.0027	0.011	6.45	3.65	25-Yr	6.44	yes

Extreme Event Ditch Capacity

Drainage Area	Area (A)	Perimeter (P)	R _h (A/P)	Slope (S)	Roughness (n)	Q _{max} (CFS)	V _{max} (FPS)	Storm Design Event	Q _{design} (CFS)	Capacity?
1	1.77	4.71	0.375	0.0027	0.011	6.45	3.65	25-Yr	6.44	yes

Roadside Ditch Capacity

Drainage Area	Area (A)	Perimeter (P)	R _h (A/P)	Slope (S)	Roughness (n)	Q _{max} (CFS)	V _{max} (FPS)	Storm Design Event	Q _{design} (CFS)	Capacity?
1	1.77	4.71	0.375	0.0027	0.011	6.45	3.65	25-Yr	6.44	yes

*The backslope values (A, C) are based on a slope of 1:1

LEGEND:

- EX ADJUTER LINE, AD
- EX SANITARY, SAN
- EX WATERLINE, WL
- EX STORM SEWER, STM
- EX DRAINAGE PATH, FL
- EX HIGH BANK, HB
- EX EASEMENT, EMT
- EX BUILDING LINE, BL
- EX OVERHEAD POWER, P
- EX UNDERGROUND POWER, UG
- EX FIBER, FO
- EX TELEPHONE, T
- EX GAS LINE, G
- EX FENCE, FNC
- PROJECT BOUNDARY LINE, BNDY
- PROP SANITARY, SAN
- PROP WATERLINE, WL
- PROP STORM SEWER, STM
- PROP DRAINAGE PATH, FL
- PROP HIGH BANK, HB
- PROP EASEMENT, EMT
- PROP BUILDING LINE, BL
- PROP OVERHEAD POWER, P
- PROP UNDERGROUND POWER, UG
- PROP FIBER, FO
- PROP TELEPHONE, T
- PROP GAS LINE, G
- PROP FENCE, FNC
- PROP PAYMENT, PWT

TEMPORARY BENCHMARK "A" IS A 8" IRON ROD SET ON THE SOUTH SIDE OF TRAMMEL-FRESNO EASTWARD OF THE GRAVEL OR DIRT ROAD SUBJECT TRACT. IT IS 11.4 FT FROM THE SOUTH CORNER OF SUBJECT TRACT. ELEVATION 1088.10.

PERMANENT BENCHMARK "B" IS A 8" IRON ROD SET ON A GRAVEL DRIVEWAY NEAR THE SOUTH CORNER OF SUBJECT TRACT. ELEVATION 1088.10.

THE SUBJECT PROPERTY LIES WITHIN UNIMPOSED ZONE "C" AS SHOWN ON THE 2018 ANTI-COLLISION MAP. REVISED APRIL 2, 2018.

DRAINAGE LEGEND:

- PROP DRAINAGE AREA
- BREAK LINE
- DA-A1
- AREA
- FLOW
- OUTFALL A
- AREA
- FLOW
- FLOW
- EXTREME EVENT OVERTLOW PATH
- DITCH CROSS SECTION

DRAINAGE NOTE:

- OWNER SHALL MAINTAIN ALL DRAINAGE EASEMENTS AND STRUCTURES
- ALL DRAINAGE EASEMENTS TO BE KEPT CLEAR OF FENCES, BUILDINGS, VEGETATION AND OTHER OBSTRUCTIONS TO THE OPERATION AND MAINTENANCE OF THE DRAINAGE FACILITY.

APPROVED: Development Coordinator

(DATE):

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CLIENT INFORMATION
PROJECT: DRAINAGE AND STORM SEWER PLAN
PROJECT ADDRESS: 11111 TRAMMEL-FRESNO ROAD, FRESNO, CA 93705

DRAWING ISSUE

#	DATE	BY	COMMENT
0	05/11/2018	ELL	PRELIM DIAL

DRAWING INFORMATION

PROJECT	DATE	THRU	BY
05/11/2018	05/11/2018	05/11/2018	05/11/2018

SCALE:
1" = 40' (24x36)
1" = 80' (11x17)

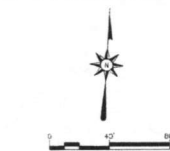
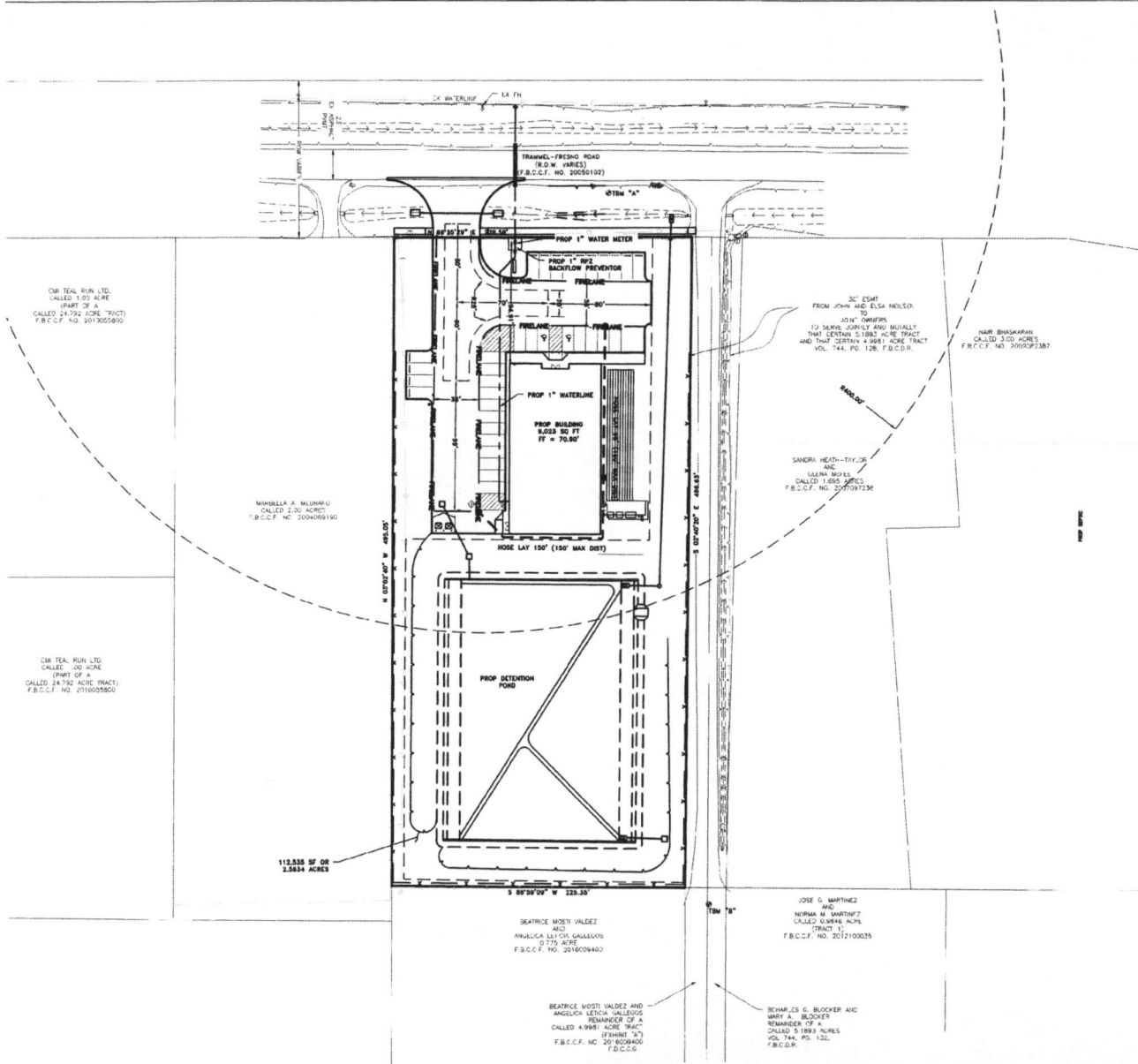
07

APPROVED: Development Coordinator

(DATE):

05/11/2018

DRAINAGE AND STORM SEWER PLAN



LEGEND:

- EX ADJUTER LINE, ADJ
- EX SANITARY, SAN
- EX WATERLINE, WL
- EX STORM SEWER, STM
- EX DRAINAGE PATH, FL
- EX HIGH BANK, HB
- EX EASEMENT, ESMT
- EX BUILDING, BL
- EX UNDERGROUND POWER, P
- EX UNDERGROUND POWER, UG
- EX FIBER, FO
- EX TELEPHONE, T
- EX GAS LINE, G
- EX FENCE, FNC
- PROJECT BOUNDARY LINE, BND
- PROP SANITARY, SAN
- PROP WATERLINE, WL
- PROP STORM SEWER, STM
- PROP DRAINAGE PATH, FL
- PROP HIGH BANK, HB
- PROP EASEMENT, ESMT
- PROP BUILDING LINE, BL
- PROP OVERHEAD POWER, P
- PROP UNDERGROUND POWER, UG
- PROP FIBER, FO
- PROP TELEPHONE, T
- PROP GAS LINE, G
- PROP FENCE, FNC
- PROP PAVEMENT, PVMT

BENCHMARK:
 TEMPORARY BENCHMARK "A" IS A 2" IRON ROD SET ON THE SOUTH SIDE OF TRINNEL-FRESNO ROAD, EAST OF THE GRAVEL DRIVEWAY INTO SUBJECT TRACT.
 ELEV=82.34, NAVD 1988
 TEMPORARY BENCHMARK "B" IS A 2" IRON ROD SET IN A GRAVEL DRIVEWAY NEAR THE SOUTHEAST CORNER OF SUBJECT TRACT.
 ELEV=82.34, NAVD 1988

FLOODPLAIN NOTE:
 THE SUBJECT PROPERTY LIES WITHIN FLOODPLAIN ZONE "X", AS SHOWN ON FIRM NO. 48157C0115, MAP REVISED APRIL 2, 2014.

FIRE LANE LEGEND:

- FIRE LANE — LOCATION OF PROPOSED FIRE LANE STRIP (SEE DETAIL THIS SHEET)
- TRUCK PATH —
- HOSE LAY —

FIRE LANE NOTES:

1. FIRE LANE/FIRE APPARATUS ACCESS ROADS SHALL BE MARKED ON THE CURBS OR PAVEMENT WITH A RED STRIKE "X" IN WIDTH AND SPACING EVERY FIFTY FEET IN WHITE LETTERS AT LEAST 3" IN HEIGHT WITH THE WORDS, "FIRE LANE NO PARKING/NO WAIT ZONE" SO AS TO PREVENT PARKING IN THE AREA. ALTERNATELY SIGNS MAY BE USED FOR NON-PAVED SURFACE.



FIRE LANE STRIP MARKING DETAIL

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

JUL 30 2018

APPROVED: Development Coordinator

DATE:

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CLIENT INFORMATION
 2008 RAYMOND CENTER AVENUE, SUITE 100
 WEST PLAIN, ILLINOIS 60581-1000
PROJECT ADDRESS
 1517 TRINNEL-FRESNO ROAD
 WEST PLAIN, ILLINOIS

DOLLAR GENERAL
FRESNO
FIRE LANE PLAN AND DETAILS

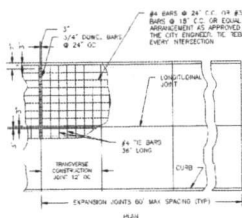
#	DATE	BY	COMMENT
0	05/17/2018	DL	PERMIT ISSUE

PROJECT	20054	TDK	**
DRAWN	CB	CHECKED	JG
SCALE	1" = 40' (24x36)	SHEET	09
SCALE	1" = 80' (11x17)		

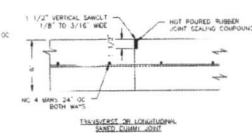
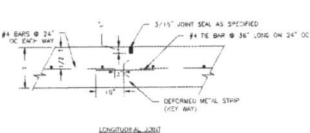
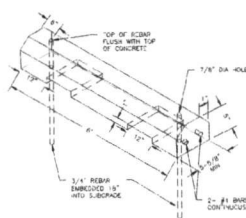
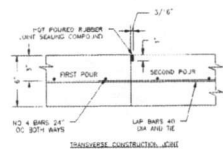
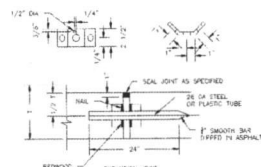
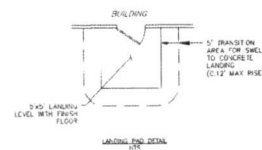
SEAL OF THE STATE OF ILLINOIS
 LEVI LOVE, JR.
 JUNE 17, 2018

05/17/2018

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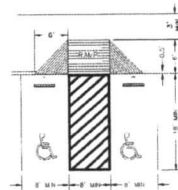
NOTE:
1. SIDEWALK SHALL NOT CROSS OR RUNNIN' SLIPS OR ON CROSS SLOPE.
2. CONCRETE @ 3000 PSI OR EQUIVALENT TO SPECIFICATIONS.
TYPICAL SIDEWALK ON CURB SIDE.



TYPICAL CONSTRUCTION JOINT DETAIL

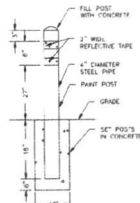
TYPICAL CONSTRUCTION JOINT DETAIL

TYPICAL PARKING SPACE DETAIL

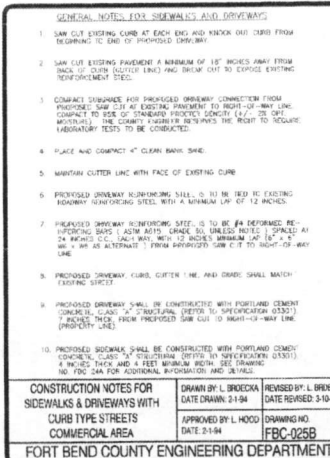
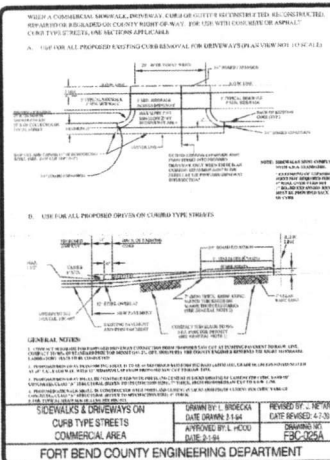


NOTES:
1. PAINT 4\"/>

NOTES:
1. CURB SUPPORT TO BE 2 1/2\"/>



TYPICAL BOLLARD DETAIL



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WWW.LSENGINEERING.COM
1000 N. W. 10TH AVE. SUITE 100
FORT BEND COUNTY, TEXAS 78122
TEL: 281-291-1111 FAX: 281-291-1112

CLIENT INFORMATION
DOLLAR GENERAL
1000 N. W. 10TH AVE. SUITE 100
FORT BEND COUNTY, TEXAS 78122
PROJECT ADDRESS
1000 N. W. 10TH AVE. SUITE 100
FORT BEND COUNTY, TEXAS 78122

DOLLAR GENERAL FRESNO PAVING AND PARKING DETAILS

#	DATE	BY	COMMENT
1	05/13/18	ELL	PERMIT ISSUE

PROJECT	2005A	TDA
DRAWN	CEB	CHECKED
SCALE	NONE	SHEET
		12

STATE OF TEXAS
JUL 30 2018
99340
FRESNO
06/17/2018

FORT BEND COUNTY
ENGINEERING DEPARTMENT
APPROVED: [Signature]
DATE: [Blank]

[illegible][illegible][illegible][illegible]



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 MUNICIPAL COMMERCIAL RESIDENTIAL
 WWW.LSENGINEERING.COM

1111 W. UNIVERSITY BLVD. SUITE 1000, FRESNO, CA 93721
 (559) 233-1111 FAX (559) 233-1112

CLIENT INFORMATION
 5518 NATIONAL AVENUE SUITE 200
 4000 PLUMBLAND DRIVE
PROJECT ADDRESS
 1642 E. MARKET STREET
 FRESNO, CA 93702

DOLLAR GENERAL

FRESNO

ADDITIONAL PAVING DETAILS

DRAWING SHEET

#	DATE	BY	* COMMENT
1	05/17/2018	ELL	PERMIT ISSUE

DRAWING INFORMATION

PROJECT	20074	1004	
DRAWN	CLB	C-EED	JC

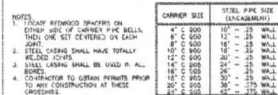
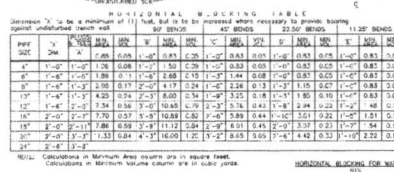
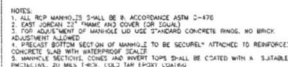
SCALE: NONE SHEET: 12.1



05/17/2018



1. PLACE SADDLE IN POSITION ON PIPE
2. MARK HOLE LOCUS FOR CUT IN PIPE USING SADDLE AS A TEMPLATE
3. REMOVE SADDLE FROM PIPE
4. JIGGLE HOLE INTO PIPE WALL ON HOLE GUIDE MARK. THE HOLE SHOULD BE 1/2" OUTSIDE THE HOLE MARK
5. WIRE CLEAN AND DRY BOTH THE UNDERSIDE OF THE SADDLE AND THE MATE SURFACE OF THE PIPE
6. APPLY PRIMER TO BOTH SURFACES. CHECK THE PVC SURFACES WITH A LIGHT BURNING TO SEE THAT THE SURFACES HAVE BEEN PRIMED
7. WHILE THE SURFACES ARE STILL BURN FROM PRIMER, LIBERALLY BRUSH CEMENT BASE OR WATERS SURFACE OF SADDLE AND PIPE
8. PRESS SADDLE OVER HOLE. DRAIN DOWN THE PIPE AND GRIN DOWN WITH STAINLESS STEEL STAMP
9. THE SADDLE MUST NOT BE MOVED ONCE IT MAKES CONTACT WITH THE PIPE

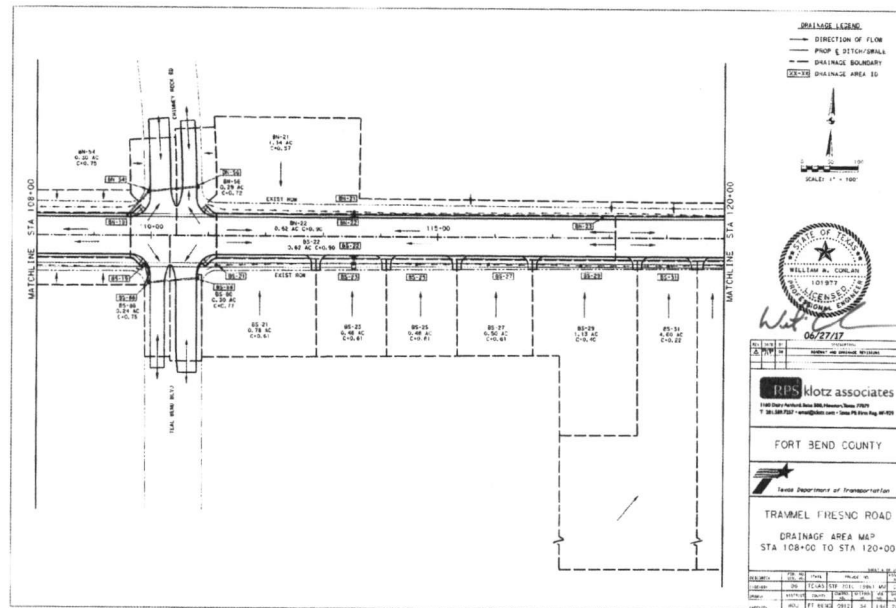


STANDARD BORED CROSSING WITH STEEL CASE



* Conversion Roads Only
 ** Taper lengths have been rounded off.
 L=Length of Taper(FT) W=Width of Offset(FT) S=Posted Speed(MPH)

*PLANS NOT BEARING FINGERPRINTS, KNIFEBLASS WEAPONS, AMMO, AND ALL PERSONS ARE RELEASED FROM THE REGULATION DIVISION.





Conveyance Configuration Data

16	68.57	68.45	0.12%	2.01	3.00	3.05	3.41	25.55	32.32	0.000
17	68.45	68.17	0.28%	2.18	3.00	3.09	3.50	27.73	33.37	0.000
18	68.27	68.13	0.24%	2.28	3.00	3.18	4.14	28.17	33.88	0.000
20	64.39	64.91	0.07%	2.21	4.00	6.83	4.32	112.50	182.11	0.000

[illegible]