



**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: 2018-23223

Applicant: PS Lightwave, Inc

Job Location Site: Briarwood Crossing, Rosenberg, TX 77471

Bond No. **Date of Bond:** 12/13/2016 **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," 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 _____, 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.

Signature

By: 
County Engineer

Presented to Commissioners Court and approved.

Date Recorded _____ Comm. Court No. _____

N/A

Clerk of Commissioners Court

By: _____
Drainage District Engineer/Manager

By: _____
Deputy



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

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

- Right of Way Permit**
- Commercial Driveway Permit**

Permit No: 2018-23223

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: \$50,000.00
- Performance bond submitted. Bond No: Amount:
- Cashier's Check Check No: Amount:

(3) DRAINAGE DISTRICT APPROVAL (WHEN APPLICABLE):

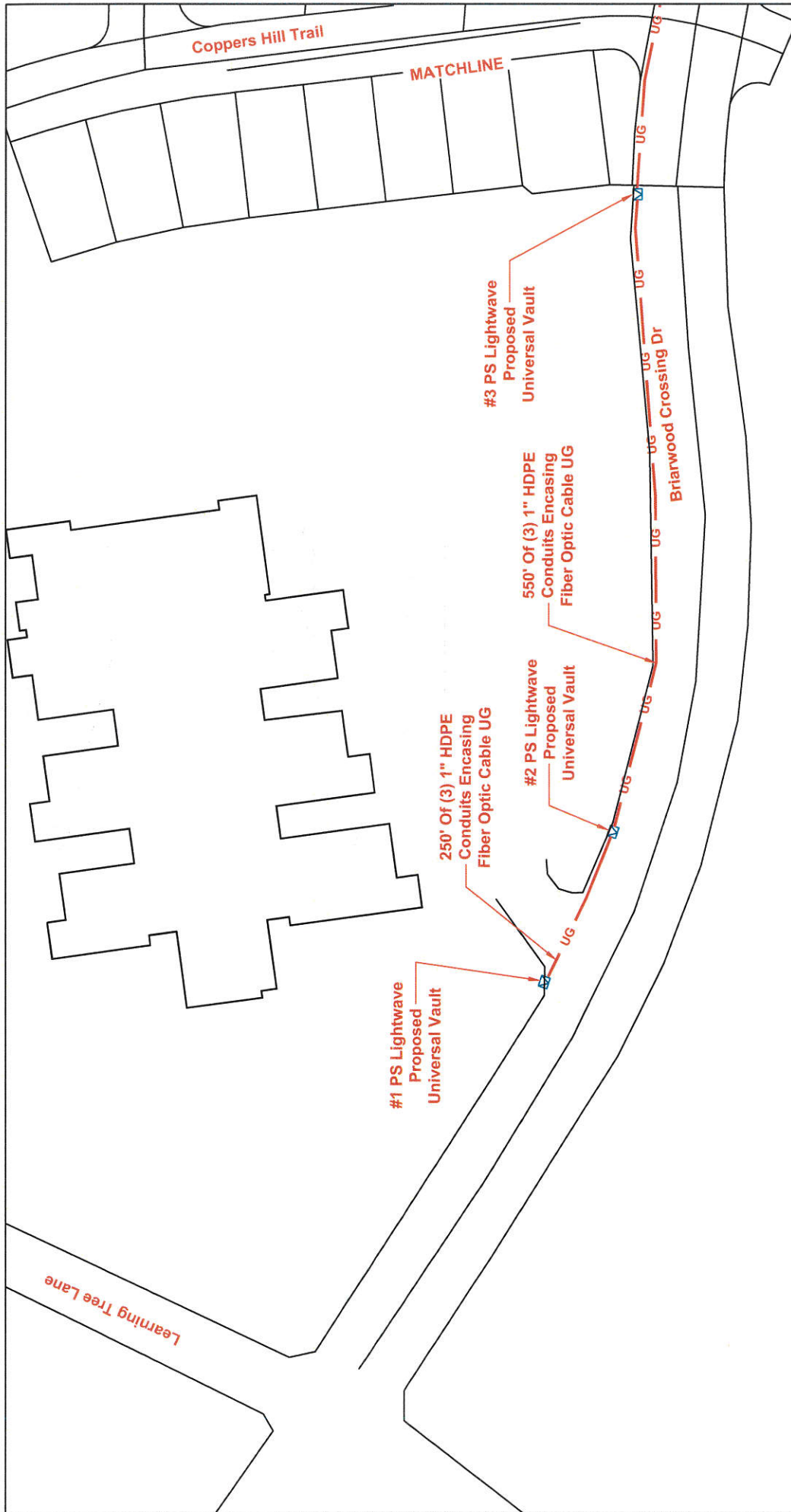
Drainage District Approval

Date

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

Sean Egerton
Permit Administrator

9/17/2018
Date



CUSTOMER ID: JOB# 12226-8414
CUSTOMER: Notice of Proposed Utility Installation
ADDRESS: Briarwood Crossing Dr
CITY/ZIP: Rosenberg, TX 77471
COUNTY: Fort Bend

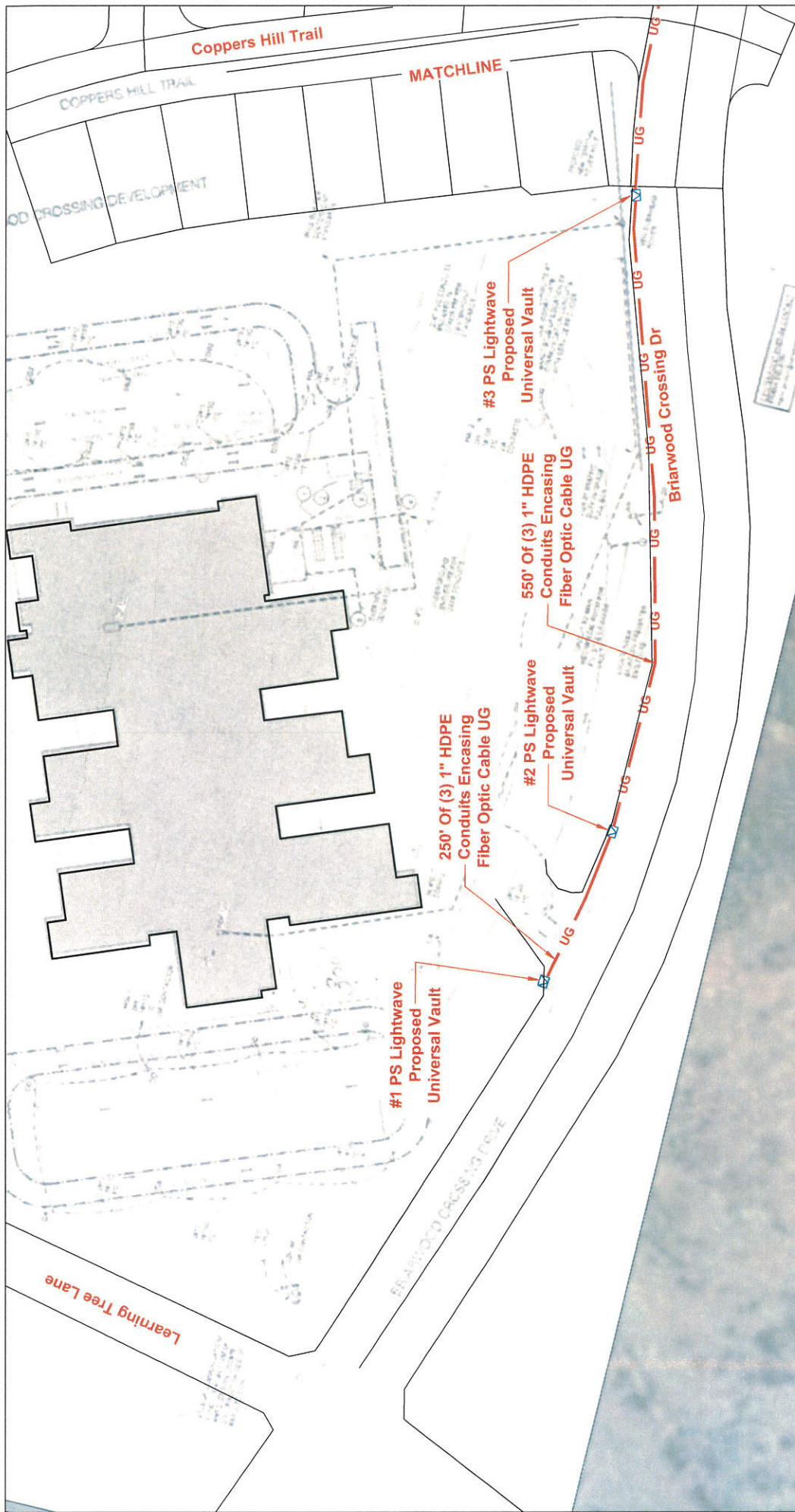
REVISION#1: Rev#1 **DATE:** Rev#1 Date
REVISION#2: Rev#2 **DATE:** Rev#2 Date
REVISION#3: Rev#3 **DATE:** Rev#3 Date
REVISION#4: Rev#4 **DATE:** Rev#4 Date

TENANTS: # OF FLOORS: DWG#:
WORK#: 106030 **JOB#:** 12226-8414 **DRAWN BY:** CC **DATE:** 09/05/2018
APPROVED BY: **DATE:**

SCALE: 1"=80'
PAGE: 1
OF: 8

LEGEND

- UG 3(1") HDPE W/ FIBER OPTIC CABLE
- UG 3(1.25") HDPE W/ FIBER OPTIC CABLE
- UG 1(2") PVC W/ FIBER OPTIC CABLE
- UG 1(4") HDPE W/ 3(1.25")HDPE
- AIR FLEX INNERDUCT (INSIDE)
- AIR AERIAL FIBER OPTIC CABLE
- CATS CATS CABLE
- PROPOSED CONDUIT
- EXISTING CONDUIT
- EMT 1.25" EMT
- R/W RIGHT-OF-WAY
- EOP EDGE-OF-PAVEMENT
- FENCE
- RACK LOCATION
- PSLW SET POLE
- EXISTING SET POLE
- EXISTING UTILITY POLE
- PROPOSED PSLW VAULT (24"x36"x24")
- EXISTING VAULT
- PULLBOX
- MDF LOCATION



LEGEND

- UG 3(1") HDPE W/ FIBER OPTIC CABLE
- UG 3(1.25") HDPE W/ FIBER OPTIC CABLE
- UG 1(2") PVC W/ FIBER OPTIC CABLE
- UG 1(4") HDPE W/ 3(1.25")HDPE FLEX INNERDUCT (INSIDE)
- AIR AERIAL FIBER OPTIC CABLE
- CAT5 CAT5 CABLE
- PROPOSED CONDUIT
- EXISTING CONDUIT
- EMT 1.25" EMT
- R/W RIGHT-OF-WAY
- EOP EDGE-OF-PAVEMENT
- FENCE FENCE
- RACK LOCATION RACK LOCATION
- PSLW SET POLE
- EXISTING SET POLE
- EXISTING UTILITY POLE
- PROPOSED PSLW VAULT (24"x36"x24")
- EXISTING VAULT
- PULLBOX
- MDF LOCATION

REVISIONS

REVISION#	DATE	REV#1	REV#2	REV#3	REV#4
1					
2					
3					
4					

SCALE: 1"=80'

PAGE: 2 OF 8

PROPERTY INFORMATION - PROPERTY OF PS LIGHTWAVE

DATE: Rev#1	DATE: Rev#2	DATE: Rev#3	DATE: Rev#4
DATE: Rev#1	DATE: Rev#2	DATE: Rev#3	DATE: Rev#4
DATE: Rev#1	DATE: Rev#2	DATE: Rev#3	DATE: Rev#4
DATE: Rev#1	DATE: Rev#2	DATE: Rev#3	DATE: Rev#4

PROJECT INFORMATION

CUSTOMER ID: JOB# 12226-8414

CUSTOMER: Notice of Proposed Utility Installation

ADDRESS: Briarwood Crossing Dr

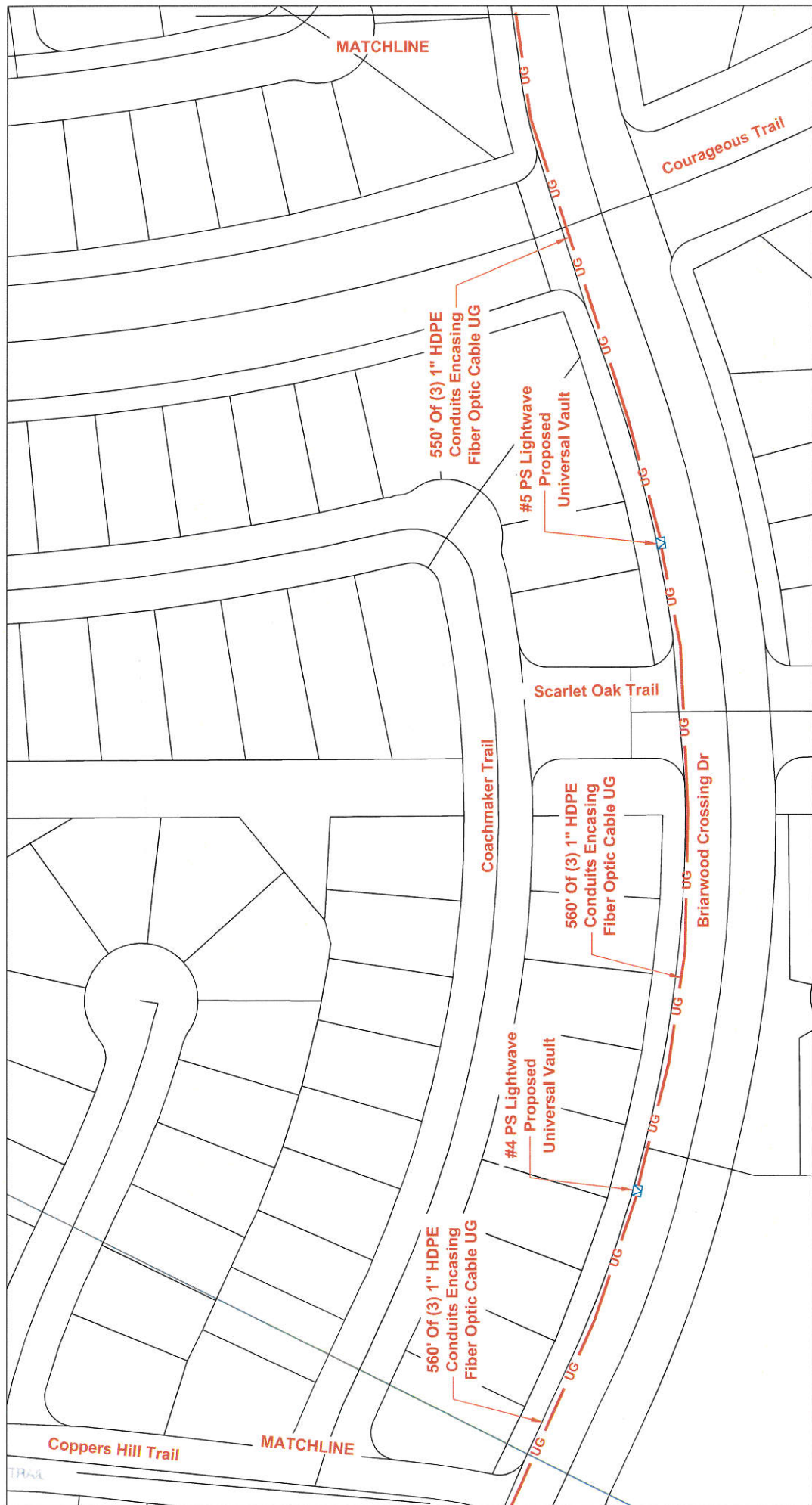
CITY/ZIP: Rosenberg, TX 77471

COUNTY: Fort Bend

TENANTS: # OF FLOORS: DWG#: KEY MAP: 644

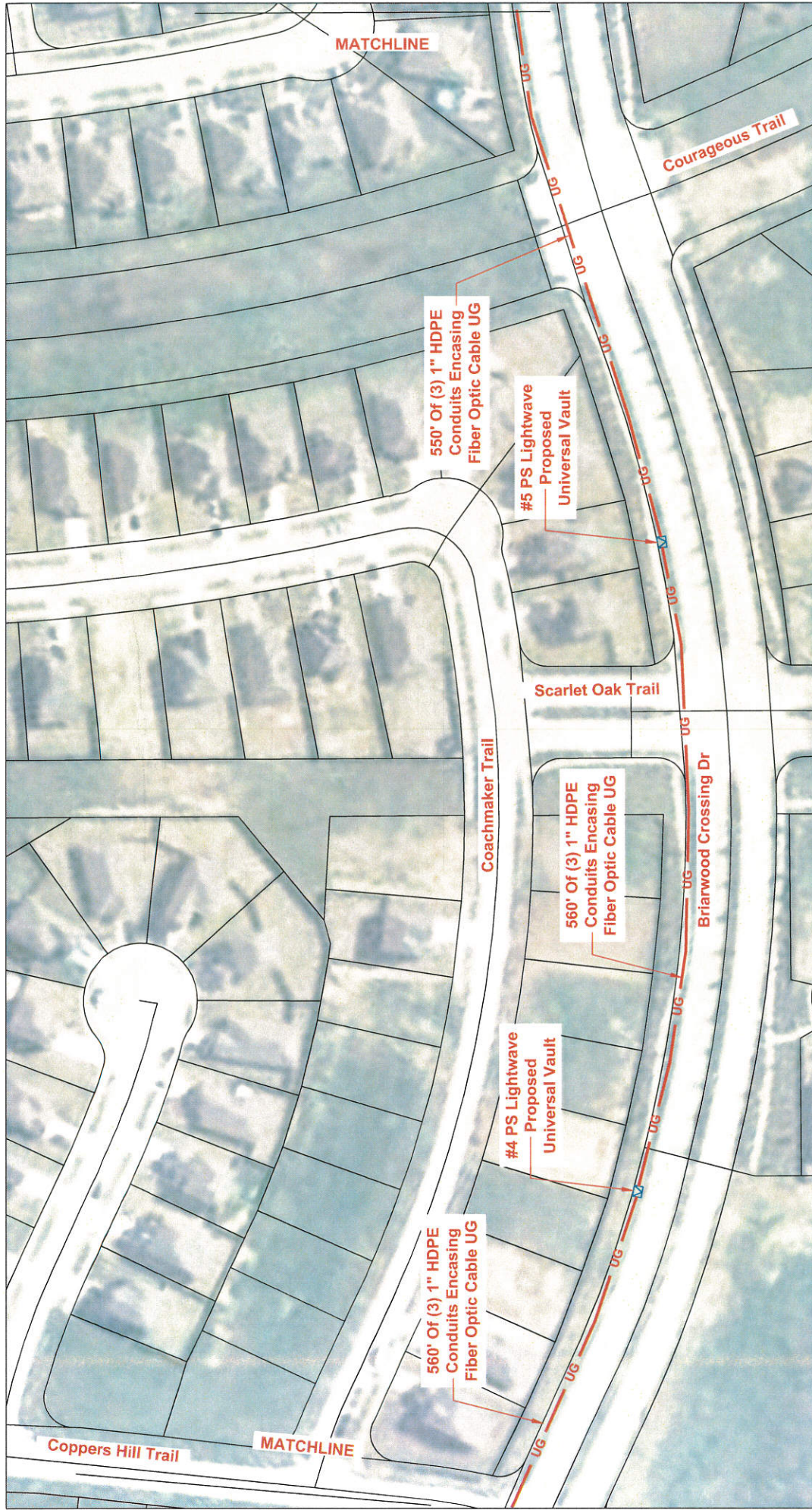
WORK#: 106030 JOB#: 12226-8414 DRAWN BY: CG DATE: 09/05/2018

APPROVED BY: DATE:



		CUSTOMER ID: JOB# 12226-8414 CUSTOMER: Notice of Proposed Utility Installation ADDRESS: Briarwood Crossing Dr CITY/ZIP: Rosenberg, TX 77471 COUNTY: Fort Bend	
REVISION#1: Rev#1 DATE: Rev#1 Date	REVISION#2: Rev#2 DATE: Rev#2 Date	TENANTS: # OF FLOORS: DWG#: WOF: 106030 JOB#: 12226-8414 DRAWN BY: GC DATE: 09/05/2018	APPROVED BY: DATE:
SCALE: 1"=80' PAGE: 3 OF: 8	PROPRIETARY INFORMATION - PROPERTY OF PS LIGHTWAVE REVISION#1: Rev#1 DATE: Rev#1 Date REVISION#2: Rev#2 DATE: Rev#2 Date REVISION#3: Rev#3 DATE: Rev#3 Date REVISION#4: Rev#4 DATE: Rev#4 Date		

- LEGEND**
- UG 3(1") HDPE W/ FIBER OPTIC CABLE
 - UG 3(1.25") HDPE W/ FIBER OPTIC CABLE
 - UG 1(2") PVC W/ FIBER OPTIC CABLE
 - UG 1(4") HDPE W/ 3(1.25") HDPE
 - FLX FLEX INNERDUCT (INSIDE)
 - AIR AERIAL FIBER OPTIC CABLE
 - CATS CATS CABLE
 - PROPOSED CONDUIT
 - EXISTING CONDUIT
 - EMT 1.25" EMT
 - R/W RIGHT-OF-WAY
 - EOP EDGE-OF-PAVEMENT
 - FENCE FENCE
 - RACK LOCATION RACK LOCATION
 - PSLW SET POLE
 - EXISTING SET POLE
 - EXISTING UTILITY POLE
 - PROPOSED PSLW VAULT (24"x36"x24")
 - EXISTING VAULT
 - PULLBOX
 - MDF LOCATION



LEGEND

- UG 3(1") HDPE W/ FIBER OPTIC CABLE
- UG 3(1.25") HDPE W/ FIBER OPTIC CABLE
- UG 1(2") PVC W/ FIBER OPTIC CABLE
- UG 1(4") HDPE W/ 3(1.25") HDPE
- UG FLEX INNERDUCT (INSIDE)
- AIR AERIAL FIBER OPTIC CABLE
- CAT5 CAT5 CABLE
- PROPOSED CONDUIT
- EXISTING CONDUIT
- EMT 1.25" EMT
- R/W RIGHT-OF-WAY
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- FENCE
- RACK LOCATION
- PSLW SET POLE
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- PROPOSED PSLW VAULT (24"x36"x24")
- EXISTING VAULT
- PULLBOX
- MDF LOCATION

REVISIONS

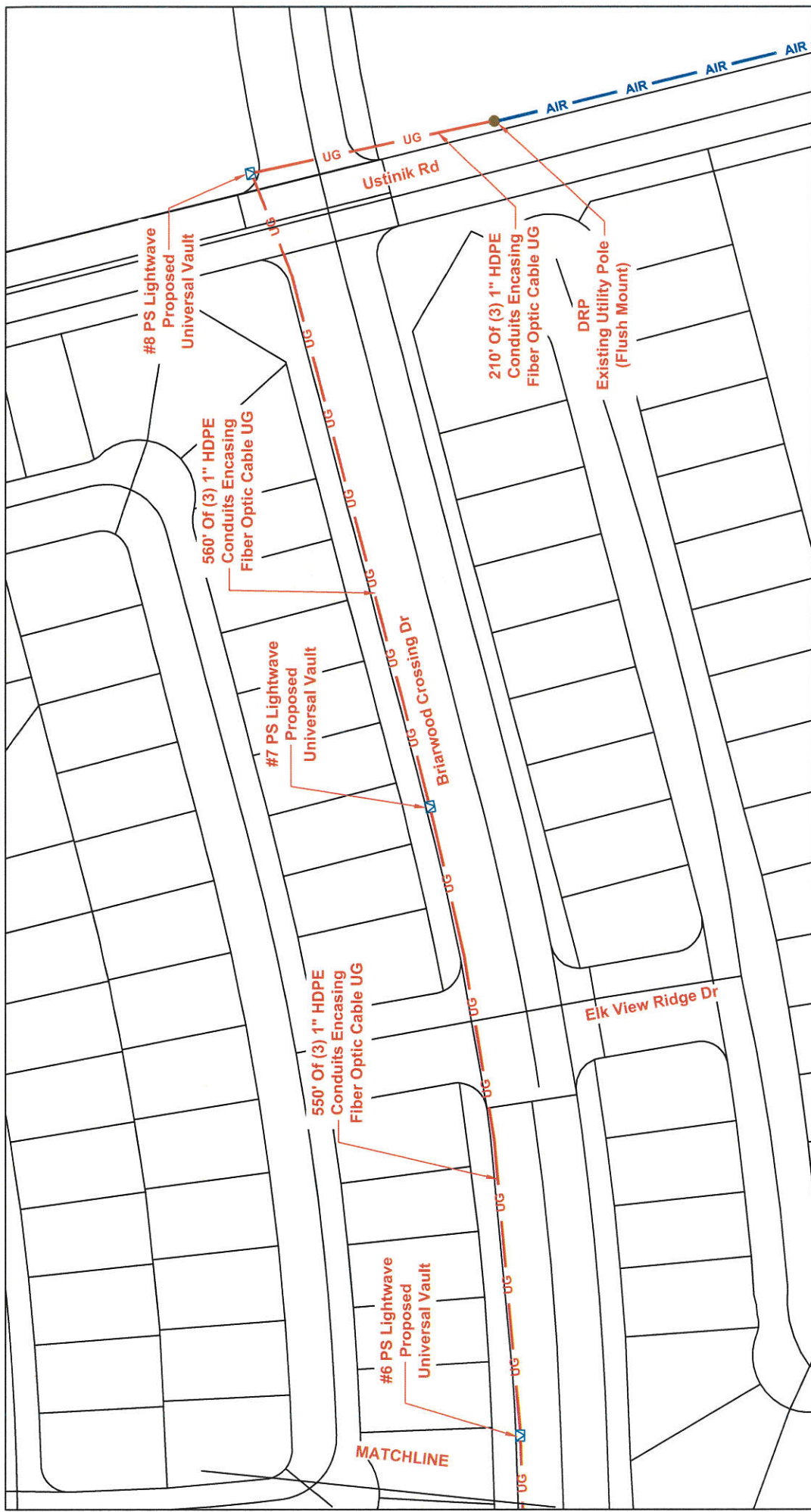
REVISION#	DATE	REV#1	REV#2	REV#3	REV#4
1					
2					
3					
4					

SCALE: 1"=80'
PAGE: 4 OF 8

PROPERTY INFORMATION - PROPERTY OF PSLWAVE

DATE: Rev#1 Date
DATE: Rev#2 Date
DATE: Rev#3 Date
DATE: Rev#4 Date

CUSTOMER ID: JOB# 12226-8414
CUSTOMER: Notice of Proposed Utility Installation
ADDRESS: Briarwood Crossing Dr
CITY/ZIP: Rosenberg, TX 77471
COUNTY: Fort Bend
TENANTS: # OF FLOORS: DWG#
WOP: 106030
JOB#: 12226-8414
KEY MAP: 644
DATE: 09/05/2018
APPROVED BY: DATE:



CUSTOMER ID: JOB# 12226-8414
 CUSTOMER: Notice of Proposed Utility Installation
 ADDRESS: Briarwood Crossing Dr
 CITY/ZIP: Rosenberg, TX 77471
 COUNTY: Fort Bend
 TENANTS: # OF FLOORS: DWG#: KEY MAP: 644
 WORK: 106030 JOB#: 12226-8414 DRAWN BY: GG DATE: 09/05/2018
 APPROVED BY: DATE:

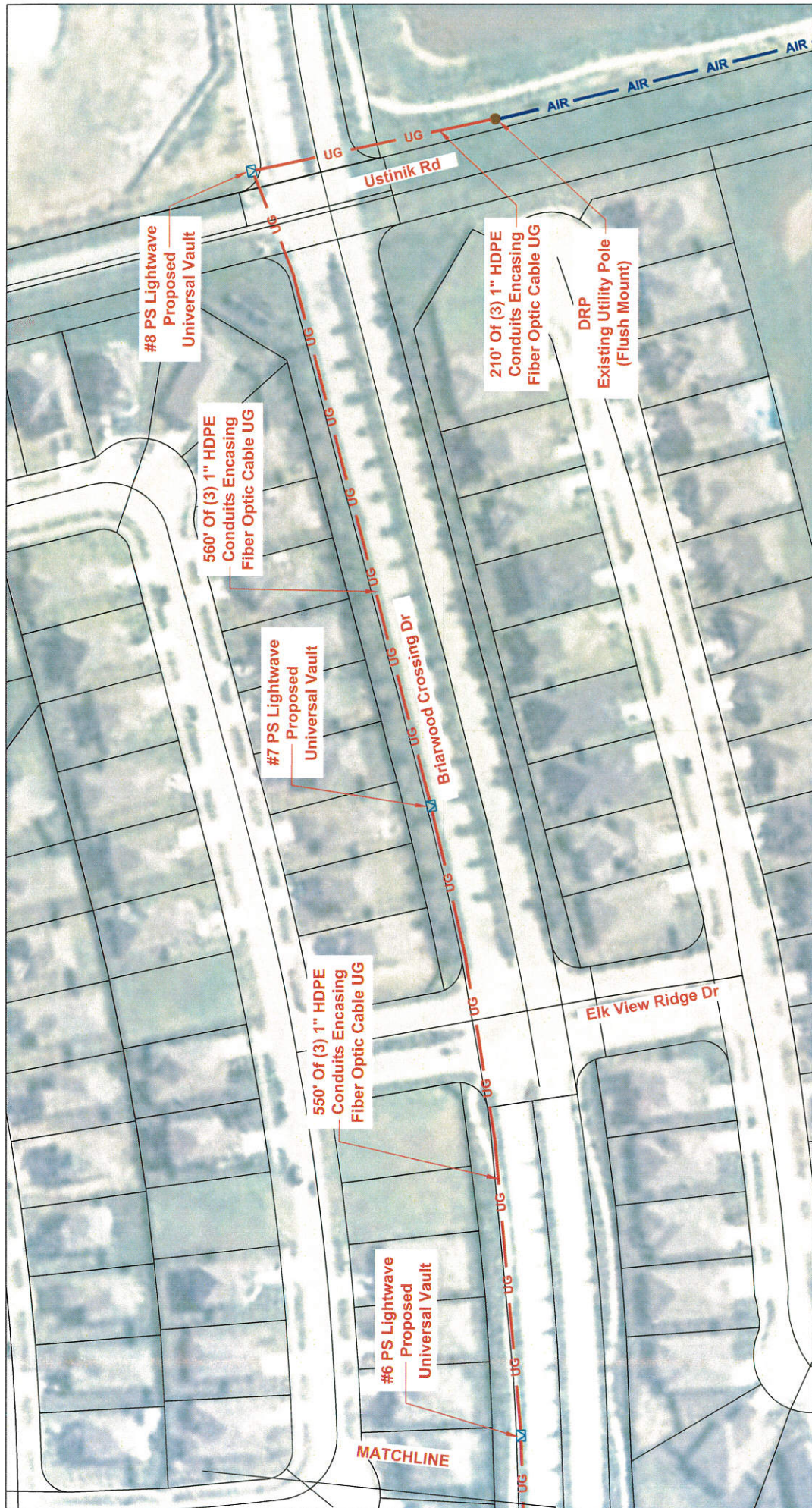
PROPRIETARY INFORMATION - PROPERTY OF PS LIGHTWAVE

REVISION#	Rev#1	DATE	Rev#1 Date
REVISION#2	Rev#2	DATE	Rev#2 Date
REVISION#3	Rev#3	DATE	Rev#3 Date
REVISION#4	Rev#4	DATE	Rev#4 Date

SCALE: 1"=80'
 PAGE: 5 OF: 8

LEGEND

UG	3(1") HDPE W/ FIBER OPTIC CABLE	PROPOSED CONDUIT	PSLW SET POLE
UG	3(1.25") HDPE W/ FIBER OPTIC CABLE	EXISTING CONDUIT	EXISTING SET POLE
UG	1(2") PVC W/ FIBER OPTIC CABLE	EMT	EXISTING UTILITY POLE
UG	1(4") HDPE W/ 3(1.25")HDPE	R/W	PROPOSED PSLW VAULT (24"x36"x24")
AIR	FLEX INNERDUCT (INSIDE)	EOP	EXISTING VAULT
AIR	AERIAL FIBER OPTIC CABLE	FENCE	PULLBOX
CATS	CATS CABLE	RACK LOCATION	MDF LOCATION



CUSTOMER ID: JOB# 12226-8414

CUSTOMER: Notice of Proposed Utility Installation

ADDRESS: Briarwood Crossing Dr

CITY/ZIP: Rosenberg, TX 77471

COUNTY: Fort Bend

TENANTS: # OF FLOORS: DWG#: DRAWN BY: CC DATE: 09/05/2018

WOF: 100030 JOB#: 12226-8414

APPROVED BY: DATE:

DATE: Rev#1 Date

DATE: Rev#2 Date

DATE: Rev#3 Date

DATE: Rev#4 Date

PROPRIETARY INFORMATION - PROPERTY OF PS LIGHTWAVE

REVISION#1: Rev#1

REVISION#2: Rev#2

REVISION#3: Rev#3

REVISION#4: Rev#4

SCALE: 1"=80'

PAGE: 6

OF: 8

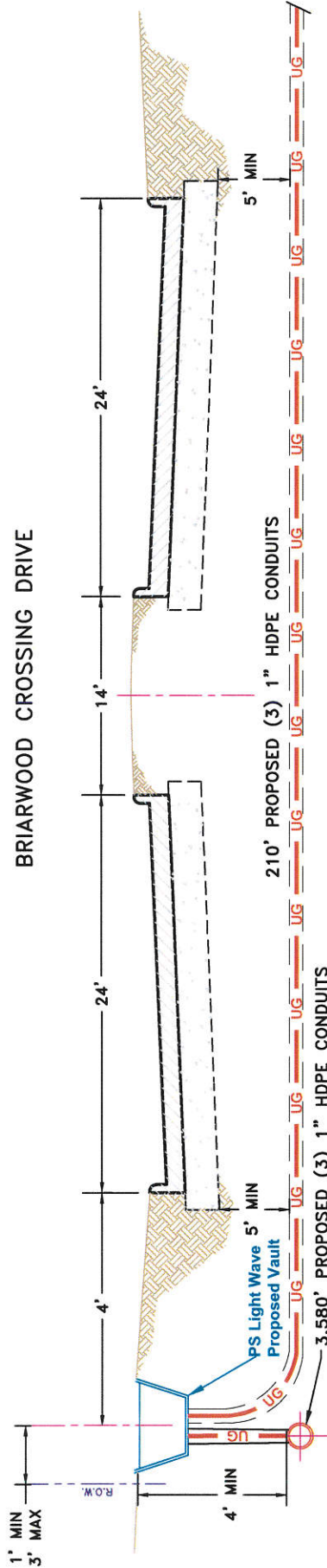
LEGEND

UG	PROPOSED CONDUIT	PSLW SET POLE	
UG	EXISTING CONDUIT	EXISTING SET POLE	
UG	EMT	EXISTING UTILITY POLE	
UG	R/W	PROPOSED PSLW VAULT (24"x36"x24")	
UG	EOP	EXISTING VAULT	
AIR	RIGHT-OF-WAY	PULLBOX	
CATS	EDGE-OF-PAVEMENT	MDF LOCATION	
	FENCE		
	RACK LOCATION		

3(1") HDPE W/ FIBER OPTIC CABLE
 3(1.25") HDPE W/ FIBER OPTIC CABLE
 1(2") PVC W/ FIBER OPTIC CABLE
 1(4") HDPE W/ 3(1.25")HDPE
 FLEX INNERDUCT (INSIDE)
 AERIAL FIBER OPTIC CABLE
 CAT5 CABLE

General Notes:

- 1) Surface to be restored to its original condition in compliance with Fort Bend County Standards.
- 2) Contractors shall provide and install traffic control devices in conformance with part VI of Texas manual on Uniform Traffic Control Devices (TMUTCD--Latest Edition with Revisions) during construction.
- 3) No Lanes shall be blocked 7:00am--9:00am and 4:00pm--6:30pm Monday - Friday.



LEGEND		REVISIONS		DATE		DATE		DATE	
UG	3(1") HDPE W/ FIBER OPTIC CABLE	Rev#1	DATE: Rev#1 Date	Rev#2	DATE: Rev#2 Date	Rev#3	DATE: Rev#3 Date	Rev#4	DATE: Rev#4 Date
UG	3(1.25") HDPE W/ FIBER OPTIC CABLE	Rev#2	DATE: Rev#2 Date	Rev#3	DATE: Rev#3 Date	Rev#4	DATE: Rev#4 Date		
UG	(2") PVC W/ FIBER OPTIC CABLE	Rev#3	DATE: Rev#3 Date						
UG	(1.25") HDPE W/ 3(1.25") HDPE	Rev#4	DATE: Rev#4 Date						
UG	FLEX INNERDUCT (INSIDE)								
UG	AERIAL FIBER OPTIC CABLE								
AIR	CATS CABLE								
CATS	CATS CABLE								
PSLW SET POLE	PROPOSED CONDUIT	SCALE: N.T.S.		SCALE: N.T.S.		SCALE: N.T.S.		SCALE: N.T.S.	
EXISTING SET POLE	EXISTING CONDUIT	PAGE: 7		PAGE: 7		PAGE: 7		PAGE: 7	
EXISTING UTILITY POLE	1.25" EMT	OF: 8		OF: 8		OF: 8		OF: 8	
PROPOSED PSLW VAULT (24"x36"x24")	RIGHT-OF-WAY								
EXISTING VAULT	EDGE-OF-PAVEMENT								
PULLBOX	FENCE								
MDF LOCATION	EDGE-OF-PAVEMENT								
	RACK LOCATION								

CUSTOMER ID: JOB# 12226-8414
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 TENANTS: # OF FLOORS: DWG#
 WORK: 106030 JOB# 12226-8414 DRAWN BY: GG DATE: 09/05/2018
 APPROVED BY: DATE:

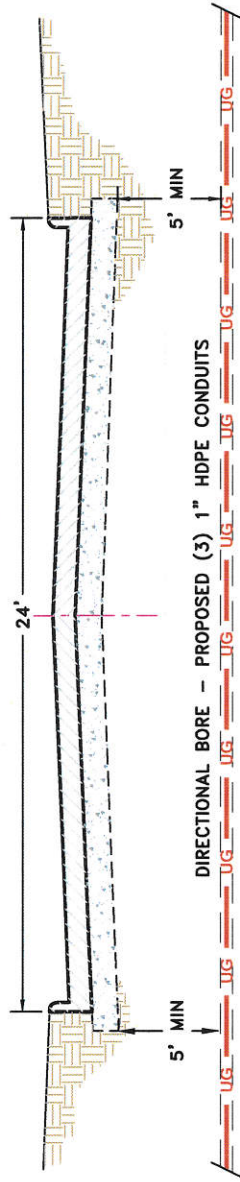
Lightwave
 PROPRIETARY INFORMATION - PROPERTY OF PE LIGHTWAVE
 REVISIONS: Rev#1 DATE: Rev#1 Date
 REVISIONS: Rev#2 DATE: Rev#2 Date
 REVISIONS: Rev#3 DATE: Rev#3 Date
 REVISIONS: Rev#4 DATE: Rev#4 Date

General Notes:

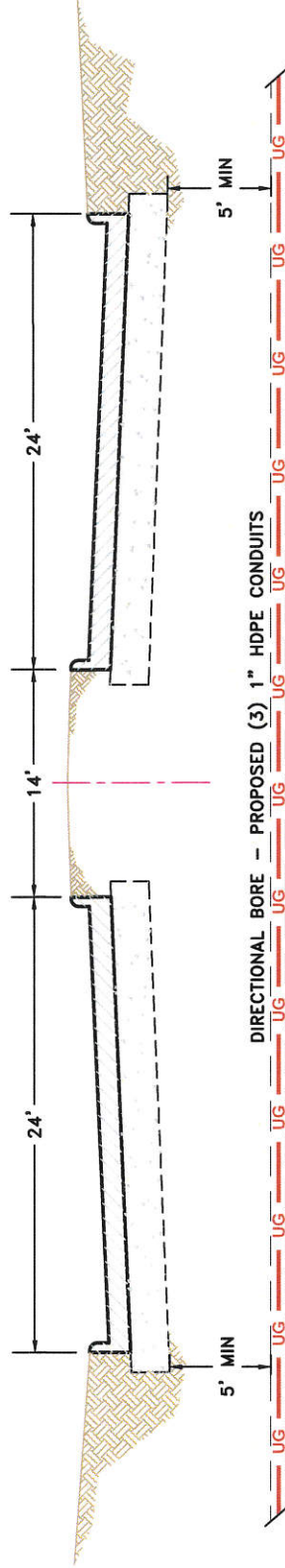
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- 2) Contractors shall provide and install traffic control devices in conformance with part VI of Texas manual on Uniform Traffic Control Devices (TMUTCD--Latest Edition with Revisions) during construction.
- 3) No Lanes shall be blocked 7:00am--9:00am and 4:00pm--6:30pm Monday - Friday.

TYPICAL CROSSINGS UNDER PAVEMENT

COPPERS HILL TRAIL AND USTINIK ROAD



SCARLET OAK TRAIL AND ELK VIEW RIDGE



LEGEND

UG	3(1") HDPE W/ FIBER OPTIC CABLE	PROPOSED CONDUIT	PSLW SET POLE
UG	3(1.25") HDPE W/ FIBER OPTIC CABLE	EXISTING CONDUIT	EXISTING SET POLE
UG	1(2") PVC W/ FIBER OPTIC CABLE	EMT	EXISTING UTILITY POLE
UG	1(4") HDPE W/ 3(1.25") HDPE	R/W	PROPOSED PSLW VAULT (24"x36"x24")
AIR	FLEX INNERDUCT (INSIDE)	EDGE-OF-PAVEMENT	EXISTING VAULT
CATS	AERIAL FIBER OPTIC CABLE	FENCE	PULLBOX
	CATS CABLE	RACK LOCATION	MDF LOCATION

SCALE: N.T.S.	DATE: Rev#1 Date
PAGE: 8	DATE: Rev#2 Date
OF: 8	DATE: Rev#3 Date
	DATE: Rev#4 Date

Lightwave
PROPRIETARY INFORMATION - PROPERTY OF PS LIGHTWAVE

REVISION#1: Rev#1	DATE: Rev#1 Date
REVISION#2: Rev#2	DATE: Rev#2 Date
REVISION#3: Rev#3	DATE: Rev#3 Date
REVISION#4: Rev#4	DATE: Rev#4 Date

CUSTOMER ID: JOB# 12226-8414	CITY/ZIP: Rosenberg, TX 77471	COUNTY: Fort Bend
CUSTOMER: Notice of Proposed Utility Installation	ADDRESS: Briarwood Crossing Dr	KEY MAP: 644L
	TELEPHONE: 281-486-8444	DRAWN BY: CC
	DATE: 09/05/2018	DATE: 09/05/2018

DISCLAIMER: The use of this standard is governed by the "Texas Engineering Practice Act". No warranty of any kind is made by TxDOT for any purpose whatsoever. TxDOT assumes no responsibility for the consequences of this standard to other formats or for incorrect results or damages resulting from its use.

LEGEND

	Type 3 Barricade		Channelizing Devices
	Trucks Mounted Attenuator (TMA)		Traffic Flow
	Portable Changeable Message Sign (PCMS)		Frogger
	Sign		
	Flag		

Posted Speed * (mph)	Formula	Minimum Channelizing Device Length (ft)	Minimum Spacing (ft)	Suggested Maximum Channelizing Buffer Space (ft)	Recommended Spacing (ft)
30	$L = WS$	150	165	180	30'
35	$L = WS$	205	225	245	35'
40	$L = WS$	265	295	320	40'
45	$L = WS$	450	495	540	45'
50	$L = WS$	500	550	600	50'
55	$L = WS$	600	660	720	55'
60	$L = WS$	600	660	720	60'
65	$L = WS$	650	715	780	65'
70	$L = WS$	700	770	840	70'
75	$L = WS$	750	825	900	75'

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

TYPICAL USAGE

MOBILE	SHORT DURATION	SHORT TERM STATIONARY	INTERMEDIATE TERM STATIONARY	LONG TERM STATIONARY
✓	✓	✓	✓	✓

GENERAL NOTES

- Flags attached to signs where shown are REQUIRED.
- Trucks Mounted Attenuators (TMA), except those denoted with the triangle symbol may be omitted when stopped in the plans, or for routine maintenance work, when approved by the Engineer.
- Inactive work vehicles or other equipment should be parked near the work area. Inactive work vehicles should be spaced at least 100 feet apart.
- Shadow vehicle with TMA should be positioned 30 to 100 feet in advance of the area of crew exposure of most adverse affecting the performance or quality of the work. If workers are no longer present but road or work conditions require the traffic control devices to be maintained, Type 3 Barricades or other channelizing devices may be used to protect the work area.
- Additional Shadow Vehicles with TMAs may be positioned off the paved surface, next to those shown in order to protect wider work spaces.
- See TCP(15-1) for shoulder work on divided highways, expressways and roadways.
- "ROAD WORK AHEAD" signs may be used in place of CW20-10 (F Lags-48" X 24") signs for shoulder work on conventional roadways.

WORK SPACE NEAR SHOULDER

Conventional Roads

TCP (1-1a)

WORK SPACE ON SHOULDER

Conventional Roads

TCP (1-1b)

WORK VEHICLES ON SHOULDER

Conventional Roads

TCP (1-1c)

Texas Department of Transportation

Traffic Control Plan

CONVENTIONAL ROAD SHOULDER WORK

TCP (1-1) - 18

Project	10001	Division	185	Sheet	18	Job	
Date	December 1985	Author	2-94	Check	4-98	Drawn	
Scale	AS SHOWN	Revised	1-95	By	2-12	Count	
Sheet No.	18	Project No.	10001	Scale	AS SHOWN	Job No.	