



**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

<input checked="" type="checkbox"/>	Right of Way Permit
<input type="checkbox"/>	Commercial Driveway Permit

Permit No: 2018-19918

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:

- | | |
|-------------------------------------|--|
| <input checked="" type="checkbox"/> | a. Name of road, street, and/or drainage ditch affected. |
| <input checked="" type="checkbox"/> | b. Vicinity map showing course of directions |
| <input checked="" type="checkbox"/> | c. Plans and specifications |

(2) BOND:

<input type="checkbox"/>	County Attorney, approval when applicable.		
<input checked="" type="checkbox"/>	Perpetual bond currently posted.	Bond No: [REDACTED]	Amount: \$50,000.00
<input type="checkbox"/>	Performance bond submitted.	Bond No: _____	Amount: _____
<input type="checkbox"/>	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.

Rick J. Staigle, PE, PTOE

Permit Administrator

4/23/2018

Date



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

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Right of Way Permit

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Commercial Driveway Permit

Permit No: 2018-19918

Applicant: Crown Castle NG Central LLC

Job Location Site: 15550 W. Airport Blvd, Sugar Land, TX 77498

Bond No. **Date of Bond:** 5/12/2014 **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 day of , , 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

Presented to Commissioners Court and approved.

By: Rick J. Staigle, PE, PTOE
County Engineer

Date Recorded _____ Comm. Court No. _____

N/A

Clerk of Commissioners Court

By: _____
Drainage District Engineer/Manager

By: _____
Deputy

GENERAL NOTES

GENERAL NOTES:

1. CONTRACTOR MUST OBTAIN LOCATES PRIOR TO DISTURBING THE GROUND.

2. THE CONTRACTOR SHALL CONTACT A MEMBER OF TEXAS ONE CALL SYSTEM A MIN. OF 48 HOURS BEFORE DIGGING. YOU ONLY NEED TO CONTACT ONE CENTER. THAT CENTER WILL RELAY THE INFORMATION TO THE OTHER TWO CENTERS.

•TEXAS ONE CALL 713-223-4567 OR 1-800-245-4545

•TESS (TEXAS EXCAVATION SAFETY SYSTEM) 811

•LONE STAR NOTIFICATION SYSTEM 800-669-8344 OR 713-223-4567

•REMINDER : ANY UNDERGROUND FACILITY OWNERS WHO ARE NOT MEMBERS OF TEXAS ONE CALL, TESS OR LONESTAR

3. NOTIFICATION CENTERS IN THE STATE OF TEXAS, MUST BE CONTACTED DIRECTLY BY THE ORIGINATOR OF THE LOCATION REQUEST.

4. CONTRACTOR MUST HAVE A COPY OF THE APPROVED PERMIT FROM THE APPROPRIATE AGENCY ON THE JOBSITE AT ALL TIMES.

5. THE CONTRACTOR SHALL VERIFY THE ROAD R.O.W. AND EASEMENTS PROIR TO COMMENCING WORK. NO FACILITIES SHOULD BE PLACED ON PRIVATE PROPERTY UNLESS OTHERWISE SPECIFIED.

6. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL UNDERGROUND FACILITIES BEFORE COMMENCING WORK AND AGREE TO BE FULLY RESPONSIBLE FOR ALL DAMAGES CAUSED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ALL UNDERGROUND FACILITIES.

7. CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGES TO EXISTING WATER, WASTEWATER AND STORM DRAINAGE LINES. DAMAGES SHALL BE REPAIRED IN ACCORDANCE WITH THE MUNICIPALITY AGENCY (STATE, COUNTY, OR CITY), DEPARTMENT OF PUBLIC WORKS AND ENGINEERING’S STANDARD CONSTRUCTION SPECIFICATIONS FOR WASTEWATER COLLECTION SYSTEMS, WATER LINES, STORM DRAINAGE, AND STREET PAVING AND STANDARD CONSTRUCTION DETAILS FOR WASTEWATER COLLECTION S SYSTEMS, WATER LINES, STORM DRAINAGE, AND STREET PAVING REFERENCED ABOVE, AT NO ADDITIONAL COST.

8. ALL CABLE WILL BE PLACED AT STANDARD MINIMUM DEPTH. (CROWN CASTLE FIBER STANDARD IS 48" DEEP UNLESS OTHERWISE DIRECTED BY A CROWN CASTLE FIBER REPRESENTATIVE OR SPECIFIED ON THE DRAWING.)

9. NO MORE TRENCH OPENED AT ONE TIME THAN CAN BE BACKFILLED AND COMPACTED IN 10" LIFTS AT THE END OF EACH DAY. (NO TRENCH LEFT OPENED OVERNIGHT)

10. ALL EXCESS EXCAVATION TO BE REMOVED FROM THE ROAD RIGHT-OF-WAY AT THE END OF EACH DAY.

11. ADEQUATE DRAINAGE SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION AND ANY DRAINAGE DITCH OR STRUCTURE DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO EXISTING CONDITIONS OR BETTER.

12. ROAD MUST BE KEPT OPEN TO TRAFFIC AND CONTRACTOR MUST PROVIDE ADEQUATE FLAGMEN, SIGNALS, ETC., TO PROVIDE COMPLETE SAFETY TO THE PUBLIC. IF IT BECOMES NECESSARY FOR EQUIPMENT TO OPERATE ON A PORTION OF THE PAVEMENT, PRECAUTIONS MUST BE TAKEN TO PREVENT ANY DAMAGE WHATSOEVER TO THE PAVEMENT.

13. CONDITION OF ROAD UPON COMPLETION OF JOB SHALL BE AS GOOD OR BETTER THAN PRIOR TO STARTING

14. CONTRACTOR SHALL COMPLY WITH LATEST EDITION OF OSHA REGULATIONS AND THE STATE OF TEXAS LAWS CONCERNING EXCAVATION.

15. CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS TO PROTECT ROOT SYSTEMS OF SHRUBS, PLANTS, AND TREES ALONG THE AREA OF EXCAVATION.

16. NO CONSTRUCTION ON PRIVATE PROPERTY WILL COMMENCE UNTIL RIGHT OF ENTRY OR EASEMENT IS GRANTED.

17. CONTRACTOR SHALL NOT EXCEED THE PURCHASE ORDER VALUE WITHOUT AUTHORIZATION IN WRITING FROM THE APPROPRIATE CROWN CASTLE FIBER REPRESENTATIVE ANY LANDSCAPING WILL BE REPLACED TO EQUAL OR BETTER THAN THAT WHICH EXISTED PRIOR TO WORK.

18. PROJECT SITE WILL BE PROPERLY SECURED PRIOR TO THE END OF EACH DAY.

19. ALL WORK IS TO BE IN ACCORDANCE WITH THE STANDARDS OF ALL AUTHORITIES HAVING JURISDICTION IN THE WORK ZONE.

20. CONTRACTORS ARE ADVISED TO CONTACT CROWN CASTLE FIBER FOR ANY ADDITIONAL INFORMATION OR CLARIFICATION CONCERNING SCOPE OF WORK OR THE REQUIREMENTS NECESSARY FOR PROJECT COMPLETION.

21. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS, QUANTITIES AND EXISTING CONDITIONS PRIOR TO CONSTRUCTION. IF A SIGNIFICANT CHANGE TO THE RUNNING LINE IS NEEDED, PLEASE CONTACT YOUR CROWN CASTLE FIBER REPRESENTATIVE BEFORE PROCEEDING.

22. BEFORE CONSTRUCTION BEGINS, CONTRACTOR SHALL TAKE APPROPRIATE PRECAUTIONS TO AVOID ANY POTENTIAL OBSTRUCTIONS PRIOR TO PROCEEDING WITH WORK.

23. CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS TO PROTECT ROOT SYSTEMS OF SHRUBS, PLANTS, AND TREES ALONG THE AREA OF EXCAVATION.

24. CONTRACTOR WILL COMPLETE ALL WORK PER "CROWN CASTLE FIBER" CONSTRUCTION SPECIFICATIONS.

25. CONTRACTOR SHALL MAINTAIN A SET OF REDLINE DRAWINGS RECORDING AS-BUILT CONDITIONS DURING CONSTRUCTION. THESE REDLINE MARKED UP DRAWINGS WILL BE SUBMITTED TO THE DESIGN CONSULTANT WHO WILL MAKE THE CHANGES ON THE AS-BUILT RECORD DRAWINGS.

26. RIGHT-OF-WAY WILL BE RESTORED TO EQUAL OR BETTER CONDITION WHEN CONSTRUCTION IS COMPLETE.
- | ABBR. | DESCRIPTION |
|--------|---------------------------|
| B.O. | BUILDING OWNED |
| B.O.C. | BUILDING OWNED CONDUIT |
| EOC | EDGE OF CURB |
| EMT | ELECTIC METALLIC TUBING |
| EOP | EDGE OF PAVEMENT |
| FDP | FIBER DISTRIBUTION PANEL |
| FF | FINISHED FLOOR |
| FMC | FLEXIBLE METALLIC CONDUIT |
| GRC | GALVANIZED RIGID CONDUIT |
| HDPE | HIGH DENSITY POLYETHYLENE |
| HH | HANDHOLE |
| JB | JUNCTION BOX |
| MH | MANHOLE |
| PB | PULLBOX |
| PL | PROPERTY LINE |
| PVC | POLYVINYL CHLORIDE |
| ROW | RIGHT OF WAY |
| SP | SPLICE PANEL |
| STA. | STATION |
| S/W | SIDEWALK |
- ## APWA STANDARD
- COLOR CODE FOR TEMPORARY MARKING OF UNDERGROUND FACILITIES:
- RED = ELECTRIC POWERLINES, CABLES, CONDUIT, AND LIGHTING CABLES
YELLOW = GAS, OIL, STEAM, PETROLEUM, OR GASEOUS MATERIAL
ORANGE = COMMUNICATION, ALARM, OR SIGNAL LINES, CABLES, OR CONDUIT
BLUE = POTABLE WATER
GREEN = SEWER AND DRAIN LINES
PURPLE = RECLAIMED WATER, IRRIGATION, AND SLURRY
PINK = TEMPORARY SURVEY MARKINGS
WHITE = PROPOSED EXCAVATION
- The logo features a large, stylized yellow '811' with a black outline. Below the numbers is a graphic of a shovel and a wrench crossed. Underneath the graphic, the text 'Know what's below.' is written in a bold, sans-serif font, followed by 'Call before you dig.' in a slightly smaller, bold, sans-serif font.
- | | | | |
|---|----------|------------|---------|
| TITLE: CLUSTER 47A – FORT BEND COUNTY PERMIT
PHASE 2 | | | |
| LOC: FORT BEND COUNTY, TX | | | |
| PMO# / TGT BUILDING ID: N/A | | | |
| PM: RONNIE SHORTHOSE 346–206–5092 | | | |
| DWG: Fort Bend – Cluster 47A.dwg | | | |
| DRAWING | DATE | ENG DESIGN | |
| ORIGINAL | 03/16/18 | FCS | |
| Rev#1 | N/A | N/A | |
| AS-BUILT | N/A | N/A | |
| The logo for Crown Castle Fiber, featuring a stylized 'CC' in grey and the words 'CROWN CASTLE' in purple, followed by 'FIBER' in blue. | | | PAGE: 2 |
| | | | OF: 17 |
| PROPRIETARY INFORMATION OF CROWN CASTLE FIBER | | | |

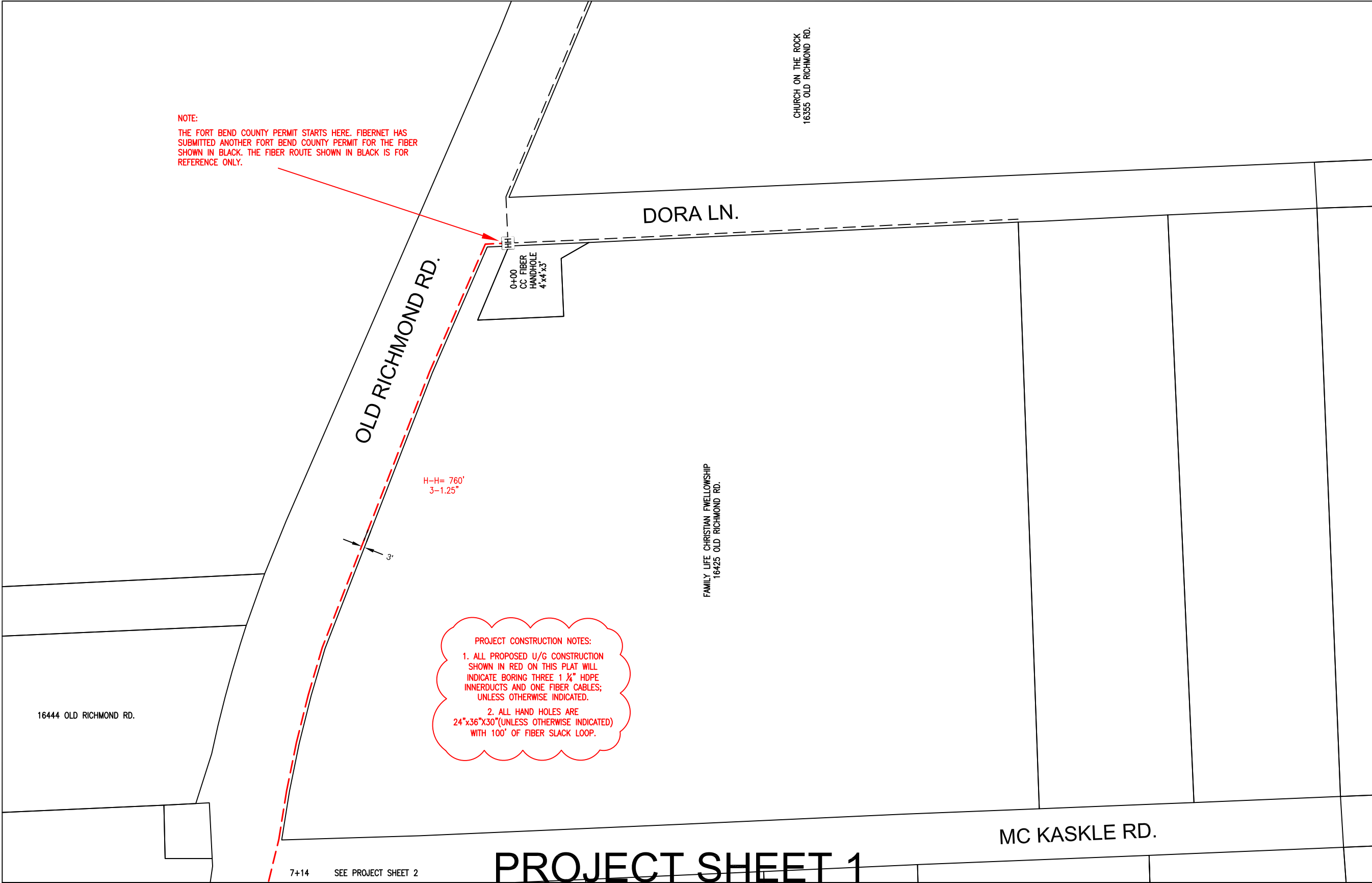
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	POWER POLE W/ TRANSFORMER				SLACK LOOP AERIAL PROPOSED		A	CIVIL - RIGHT OF WAY																		
	STEEL POLE				SLACK LOOP UG EXISTING		A	P - FIBER - AERIAL - EXISTING																		
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	EXISTING DOWN GUY & ANCHOR	0+00 OWNER SIZE	PULLBOX EXISTING		SLACK LOOP UG EXISTING			P - STRAND EXISTING																		
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	CABLE LENGTH: FTG																									
	NOTES:																									

TITLE: CLUSTER 47A - FORT BEND PHASE 2	
LOC:	FORT BEND COUNTY, TX
PMO# / TGT BUILDING ID:	N/A
PM:	RONNIE SHORTHOSE 346-206

Know what's below.
Call before you dig.

TITLE: CLUSTER 47A - FORT BEND COUNTY PERMIT PHASE 2			
LOC: FORT BEND COUNTY, TX			
PMO# / TGT BUILDING ID: N/A			
PM: RONNIE SHORTHOSE 346-206-5092			
DWG: Fort Bend - Cluster 47A.dwg			
DRAWING	DATE	ENG DESIGN	
ORIGINAL	03/16/18	FCS	
Rev#1	N/A	N/A	
AS-BUILT	N/A	N/A	
			PAGE: 3
			OF: 17
PROPRIETARY INFORMATION OF CROWN CASTLE FIBER			






NOTE:
THE FORT BEND COUNTY PERMIT STARTS HERE. FIBERNET HAS SUBMITTED ANOTHER FORT BEND COUNTY PERMIT FOR THE FIBER SHOWN IN BLACK. THE FIBER ROUTE SHOWN IN BLACK IS FOR REFERENCE ONLY.

PROJECT CONSTRUCTION NOTES:
1. ALL PROPOSED U/G CONSTRUCTION SHOWN IN RED ON THIS PLAT WILL INDICATE BORING THREE 1 1/4" HDPE INNERDUCTS AND ONE FIBER CABLES; UNLESS OTHERWISE INDICATED.
2. ALL HAND HOLES ARE 24"x36"x30"(UNLESS OTHERWISE INDICATED) WITH 100' OF FIBER SLACK LOOP.


CONSTRUCTION NOTES

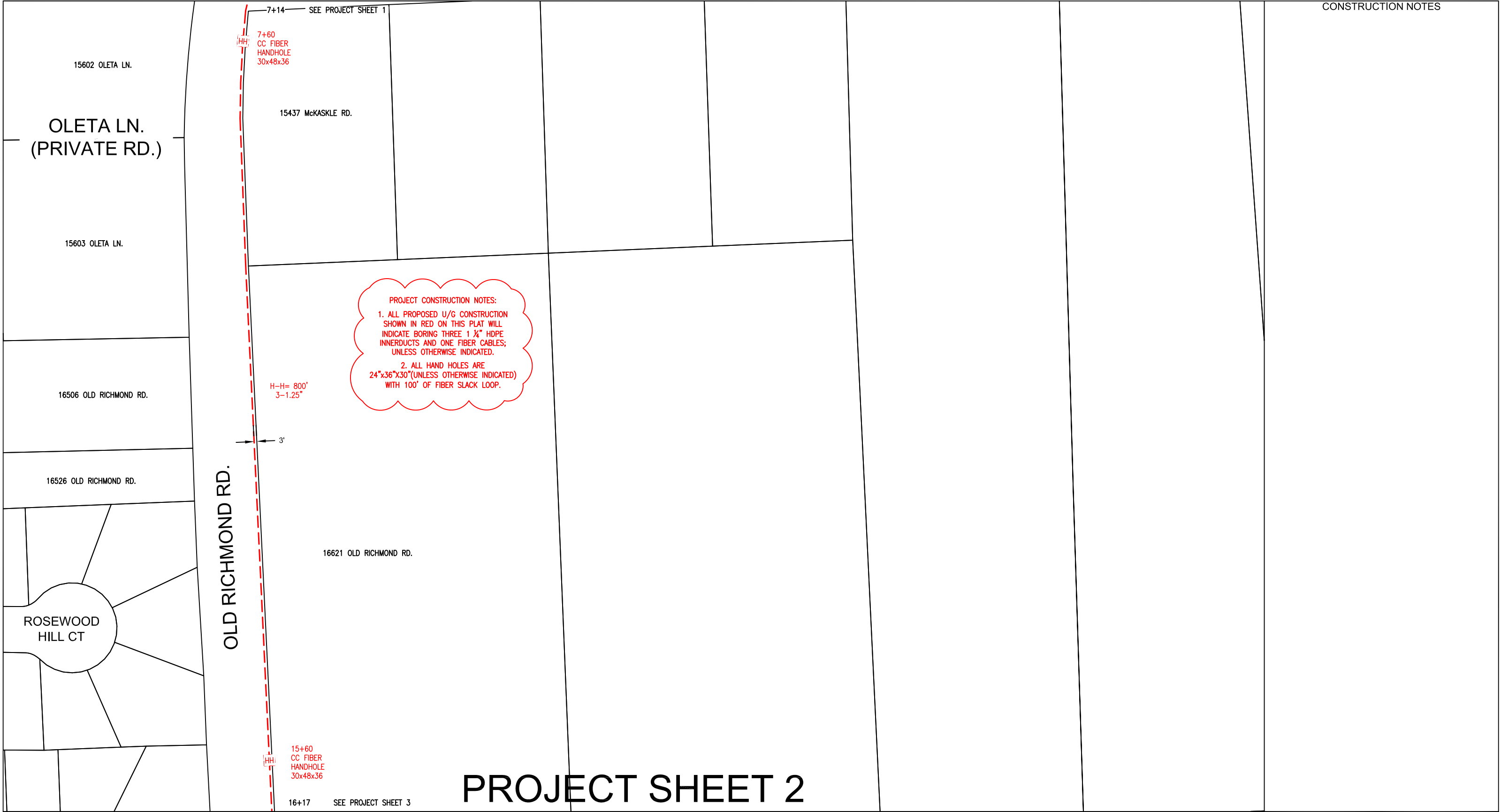
PROJECT SHEET 1

7+14 SEE PROJECT SHEET 2



SCALE: 1"=100'

TITLE: CLUSTER 47A – FORT BEND COUNTY PERMIT PHASE 2			
LOC: FORT BEND COUNTY, TX			
PMO# / TGT BUILDING ID: N/A			
PM: RONNIE SHORTHOSE 346–206–5092			
DWG: Fort Bend – Cluster 47A.dwg			
DRAWING	DATE	ENG DESIGN	
ORIGINAL	03/16/18	FCS	
Rev#1	N/A	N/A	
AS-BUILT	N/A	N/A	
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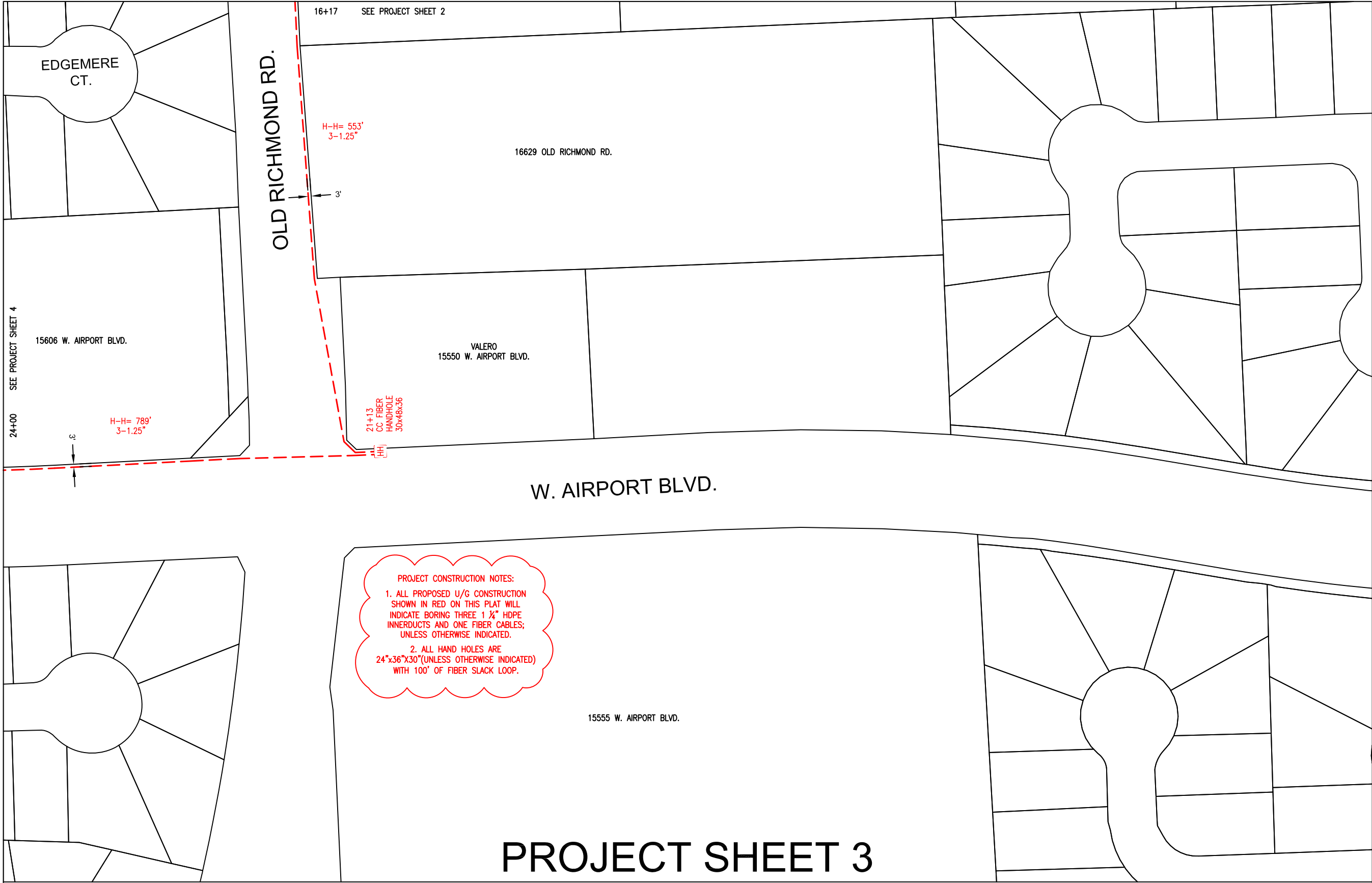


PROJECT SHEET 2

CONSTRUCTION NOTES

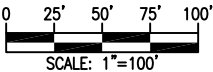


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LOC: FORT BEND COUNTY, TX		
PMO# / TGT BUILDING ID: N/A		
PM: RONNIE SHORTHOSE 346–206–5092		
DWG: Fort Bend – Cluster 47A.dwg		
DRAWING	DATE	ENG DESIGN
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Rev#1	N/A	N/A
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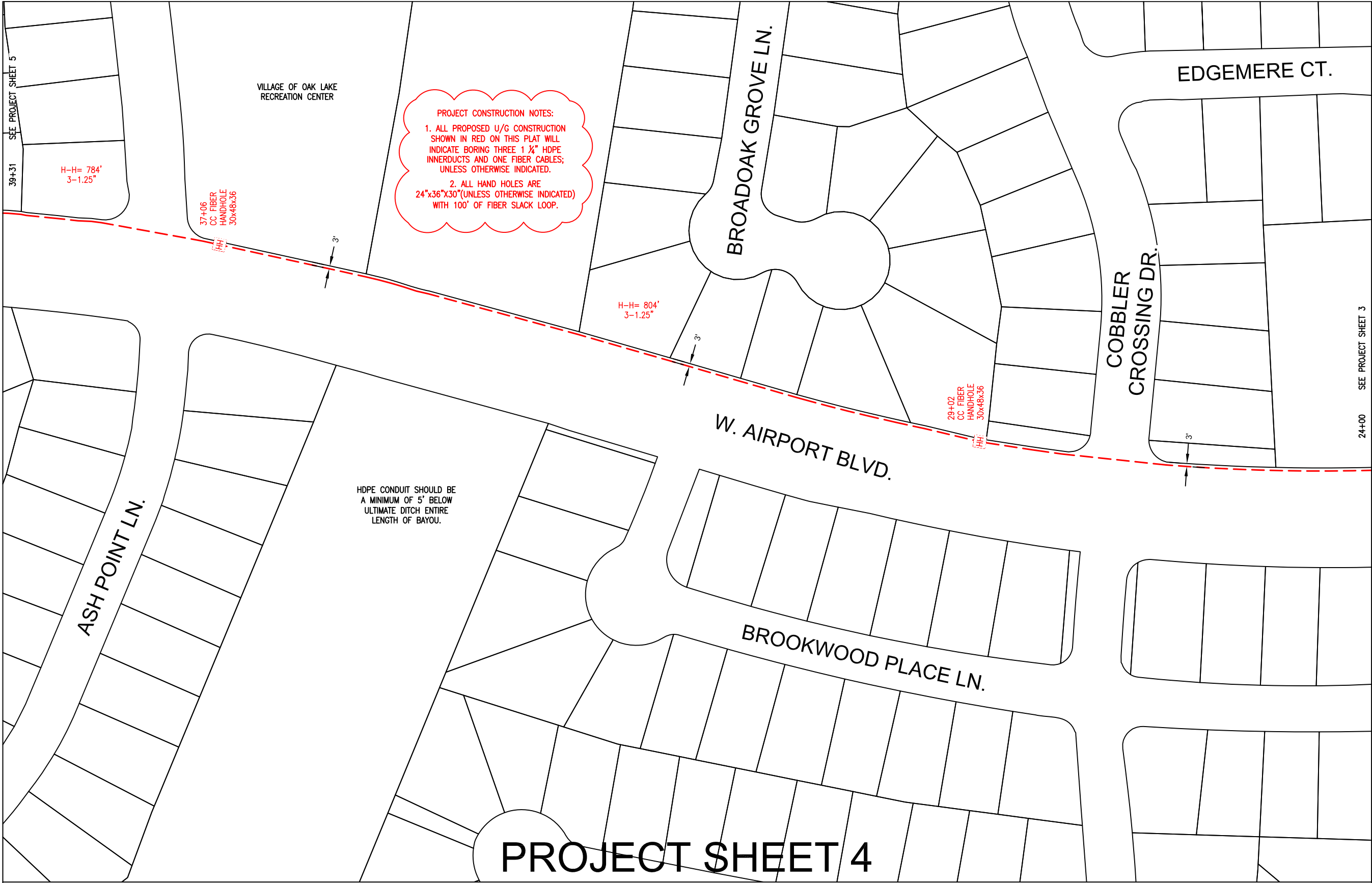


CONSTRUCTION NOTES

PROJECT SHEET 3




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LOC: FORT BEND COUNTY, TX			
PMO# / TGT BUILDING ID: N/A			
PM: RONNIE SHORTHORSE 346–206–5092			
DWG: Fort Bend – Cluster 47A.dwg			
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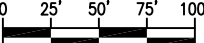



PROJECT SHEET 4


CONSTRUCTION NOTES

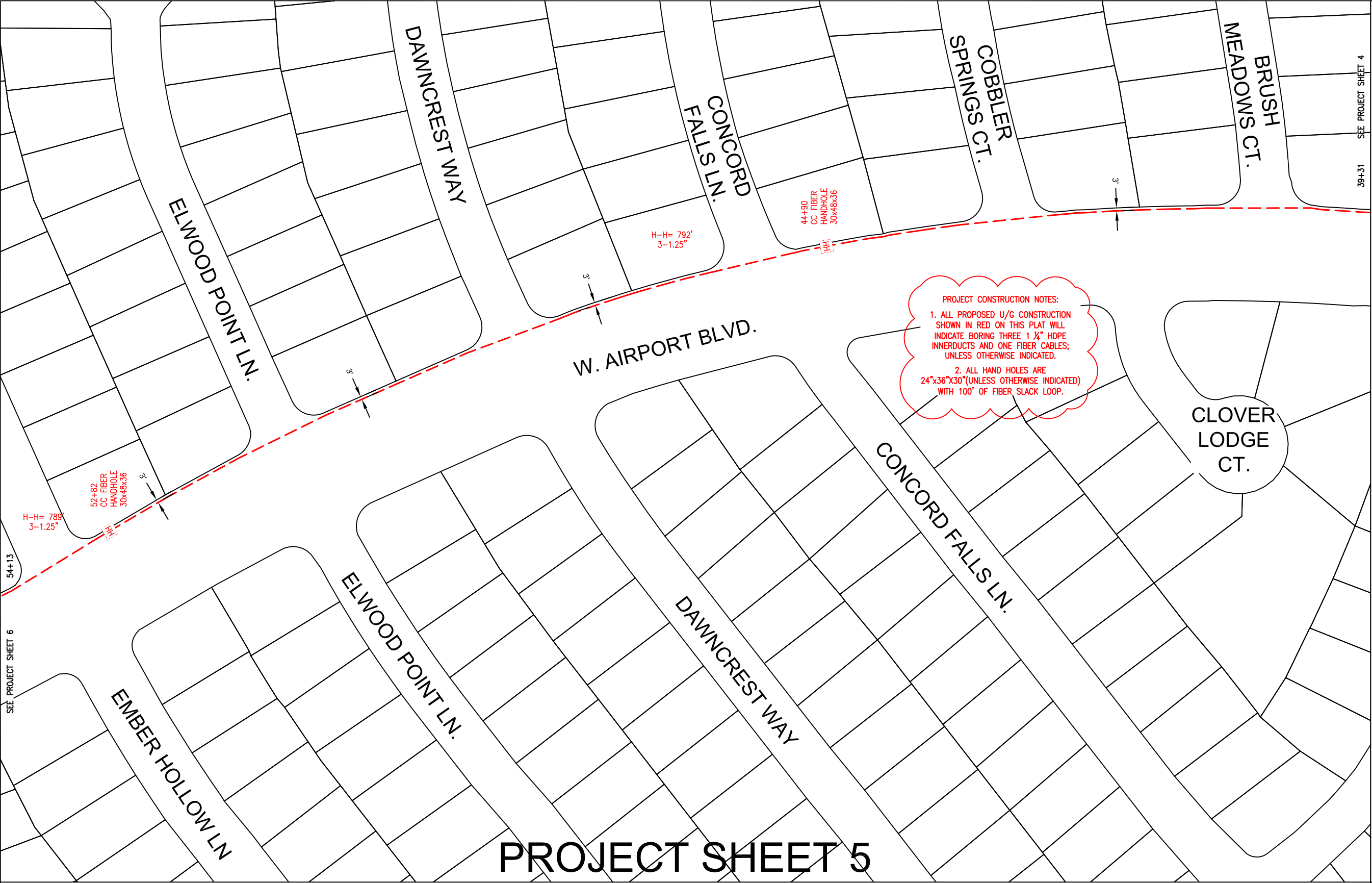


Know what's below.
Call before you dig.



SCALE: 1"=100'

TITLE: CLUSTER 47A – FORT BEND COUNTY PERMIT PHASE 2			
LOC: FORT BEND COUNTY, TX			
PMO# / TGT BUILDING ID: N/A			
PM: RONNIE SHORTHORSE 346-206-5092			
DWG: Fort Bend – Cluster 47A.dwg			
DRAWING	DATE	ENG DESIGN	
ORIGINAL	03/16/18	FCS	
Rev#1	N/A	N/A	
AS-BUILT	N/A	N/A	
 PROPRIETARY INFORMATION OF CROWN CASTLE FIBER			PAGE: 7
			OF: 17



CONSTRUCTION NOTES

PROJECT CONSTRUCTION NOTES:
1. ALL PROPOSED U/G CONSTRUCTION SHOWN IN RED ON THIS PLAT WILL INDICATE BORING THREE 1 1/2" HDPE INNERDUCTS AND ONE FIBER CABLES; UNLESS OTHERWISE INDICATED.
2. ALL HAND HOLES ARE 24"x36"x30"(UNLESS OTHERWISE INDICATED) WITH 100' OF FIBER SLACK LOOP.

PROJECT SHEET 5

SEE PROJECT SHEET 6

SEE PROJECT SHEET 4

SCALE: 1"=100'

TITLE: CLUSTER 47A – FORT BEND COUNTY PERMIT PHASE 2

LOC: FORT BEND COUNTY, TX

PMO# / TGT BUILDING ID: N/A

PM: RONNIE SHORTHORSE 346–206–5092

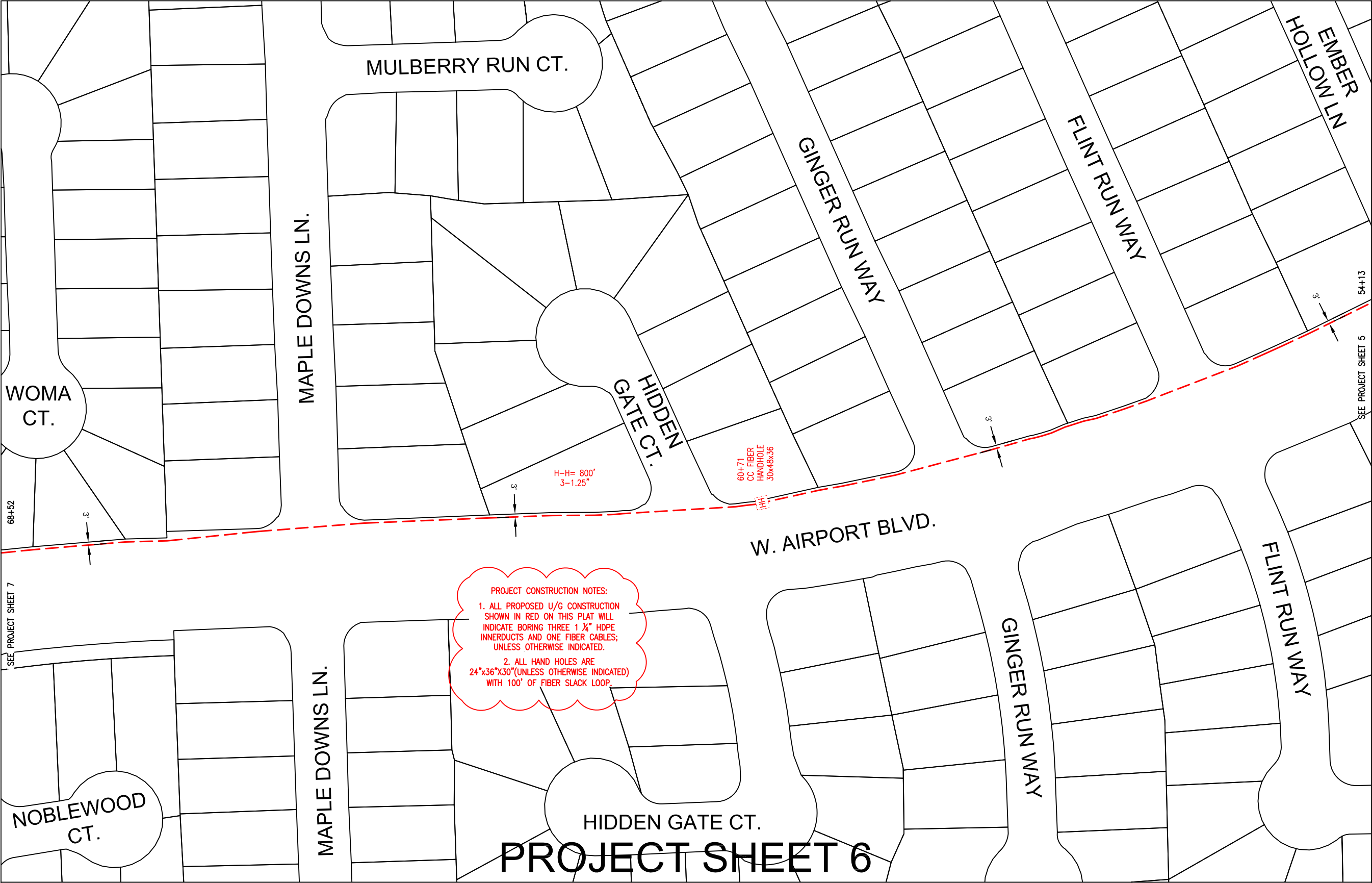
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DRAWING	DATE	ENG DESIGN
ORIGINAL	03/16/18	FCS
Rev#1	N/A	N/A
AS-BUILT	N/A	N/A

PAGE: 8

OF: 17

PROPRIETARY INFORMATION OF CROWN CASTLE FIBER



CONSTRUCTION NOTES

TITLE: CLUSTER 47A - FORT BEND COUNTY PERMIT
PHASE 2

LOC: FORT BEND COUNTY, TX

PMO# / TGT BUILDING ID: N/A

PM: RONNIE SHORTHOSE 346-206-5092

DWG: Fort Bend - Cluster 47A.dwg

DRAWING	DATE	ENG DESIGN
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Rev#1	N/A	N/A
AS-BUILT	N/A	N/A

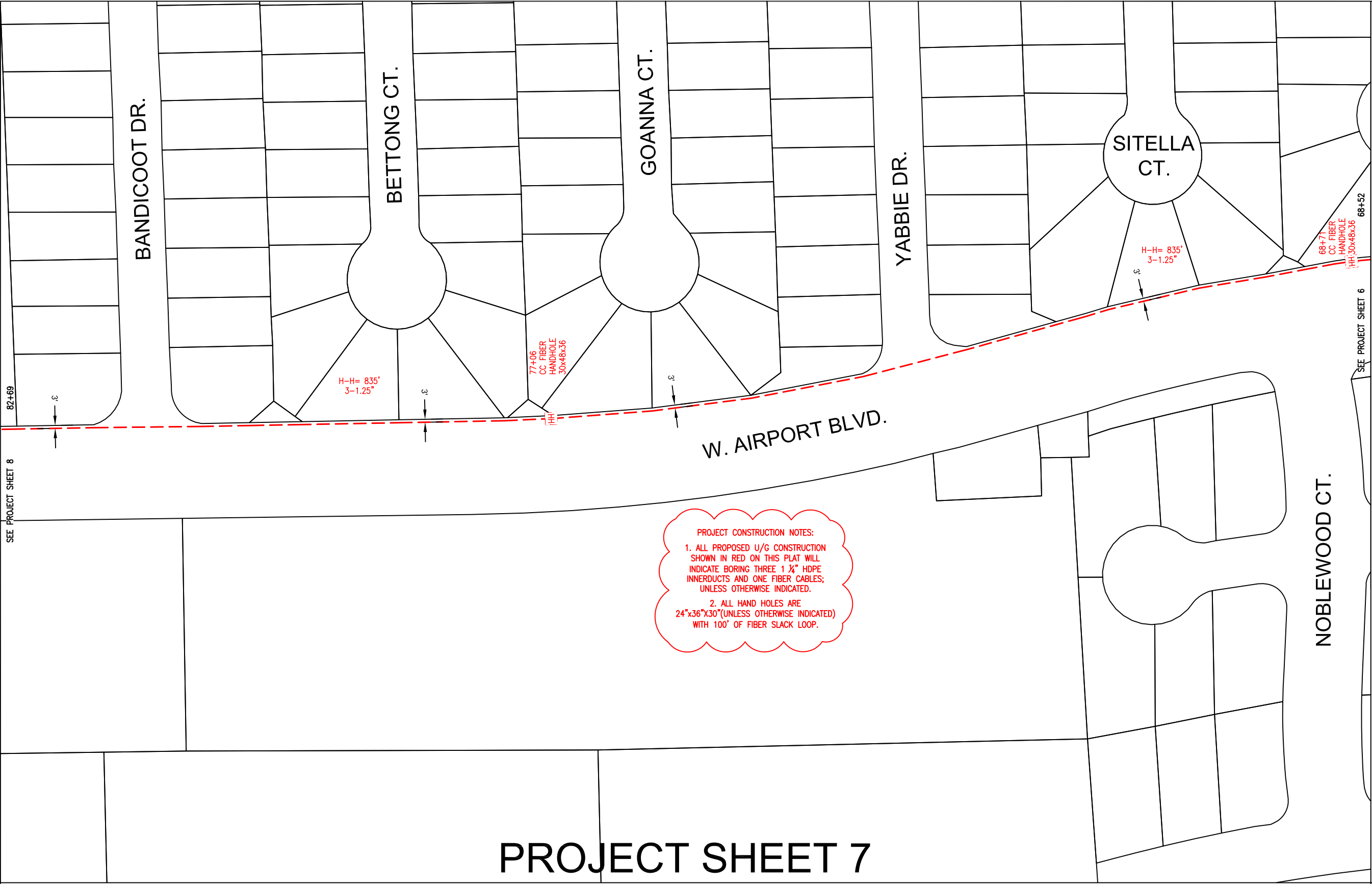
CROWN CASTLE

FIBER

PAGE: 9

OF: 17

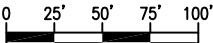


PROPRIETARY INFORMATION OF CROWN CASTLE FIBER




CONSTRUCTION NOTES

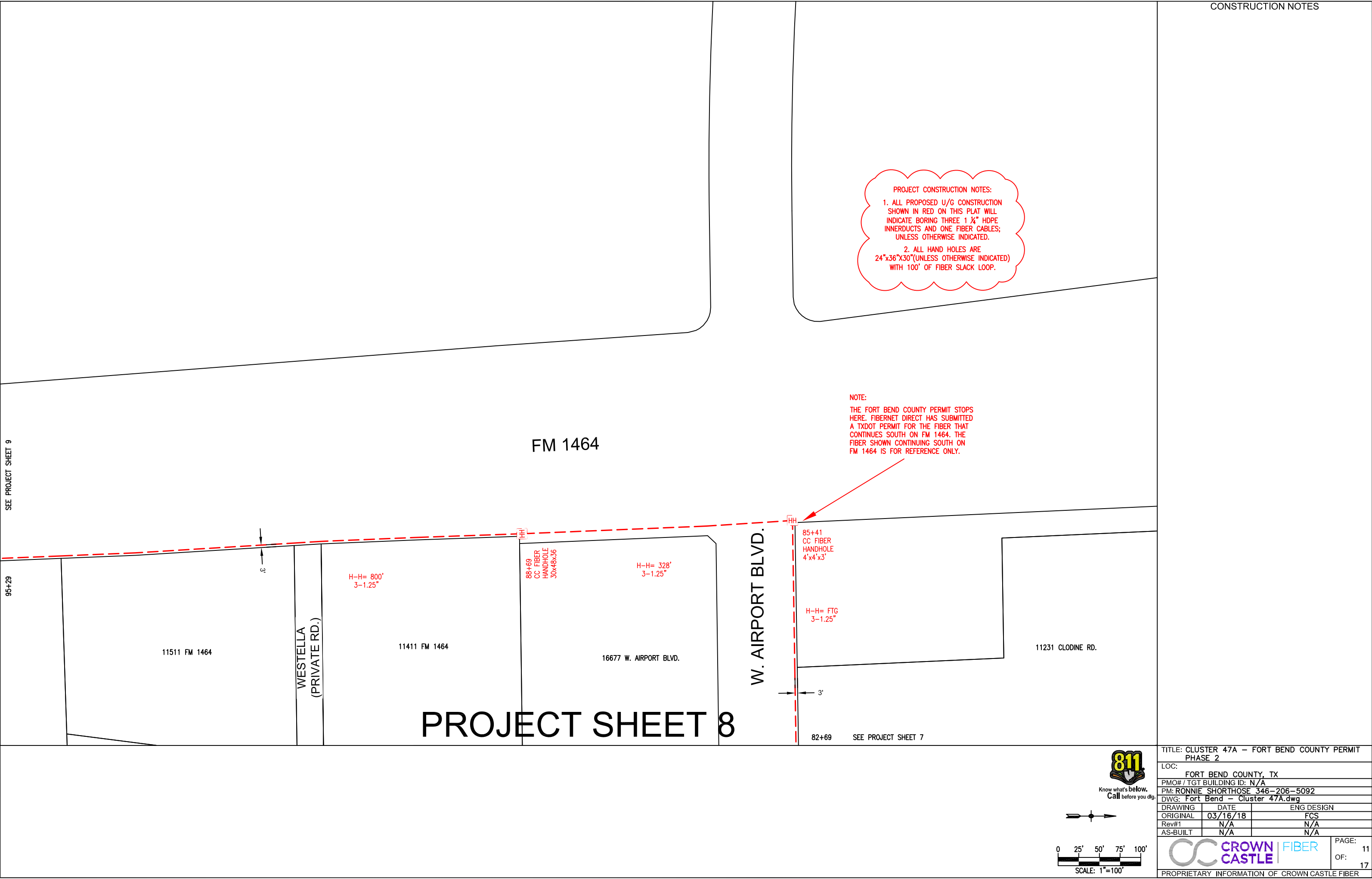
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2. ALL HAND HOLES ARE 24"x36"x30"(UNLESS OTHERWISE INDICATED) WITH 100' OF FIBER SLACK LOOP.

PROJECT SHEET 7



SCALE: 1"=100'

TITLE: CLUSTER 47A – FORT BEND COUNTY PERMIT PHASE 2			
LOC: FORT BEND COUNTY, TX			
PMO# / TGT BUILDING ID: N/A			
PM: RONNIE SHORTHOSE 346–206–5092			
DWG: Fort Bend – Cluster 47A.dwg			
DRAWING	DATE	ENG DESIGN	
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Rev#1	N/A	N/A	
AS-BUILT	N/A	N/A	
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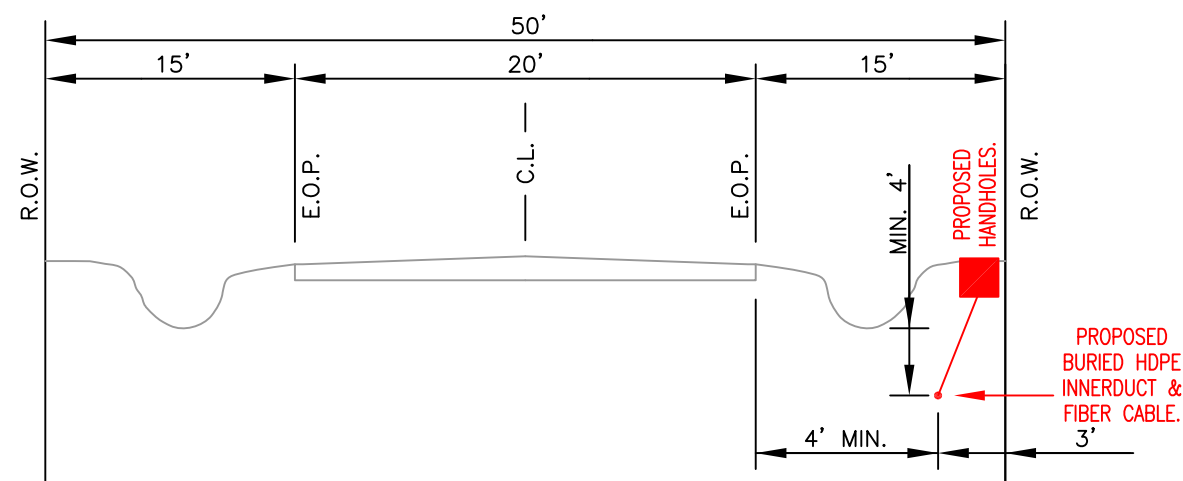


CONSTRUCTION NOTES

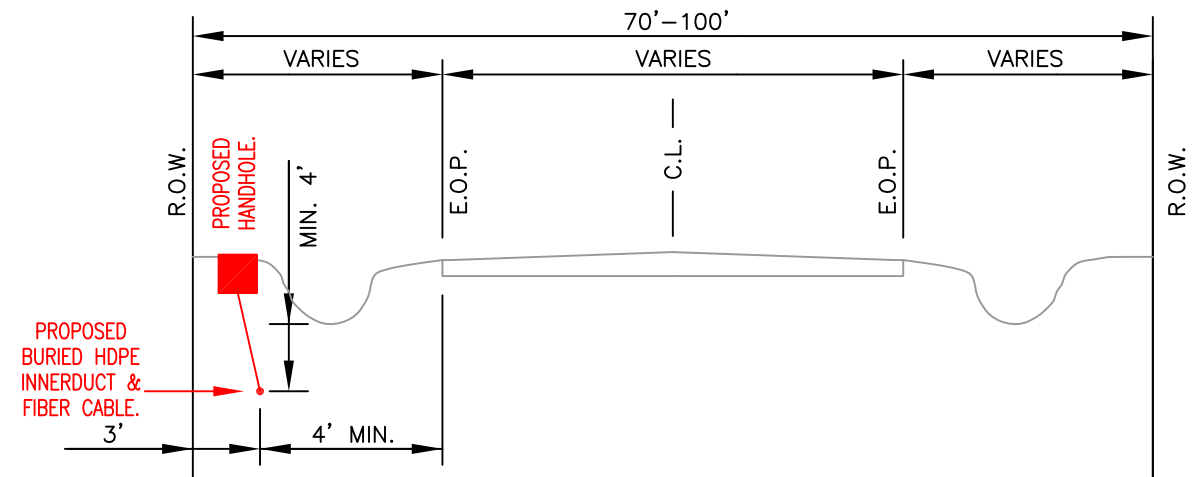
PROJECT CONSTRUCTION NOTES:
1. ALL PROPOSED U/G CONSTRUCTION SHOWN IN RED ON THIS PLAT WILL INDICATE BORING THREE 1 1/4" HDPE INNERDUCTS AND ONE FIBER CABLES; UNLESS OTHERWISE INDICATED.
2. ALL HAND HOLES ARE 24"x36"x30"(UNLESS OTHERWISE INDICATED) WITH 100' OF FIBER SLACK LOOP.

NOTE:
THE FORT BEND COUNTY PERMIT STOPS HERE. FIBERNET DIRECT HAS SUBMITTED A TXDOT PERMIT FOR THE FIBER THAT CONTINUES SOUTH ON FM 1464. THE FIBER SHOWN CONTINUING SOUTH ON FM 1464 IS FOR REFERENCE ONLY.

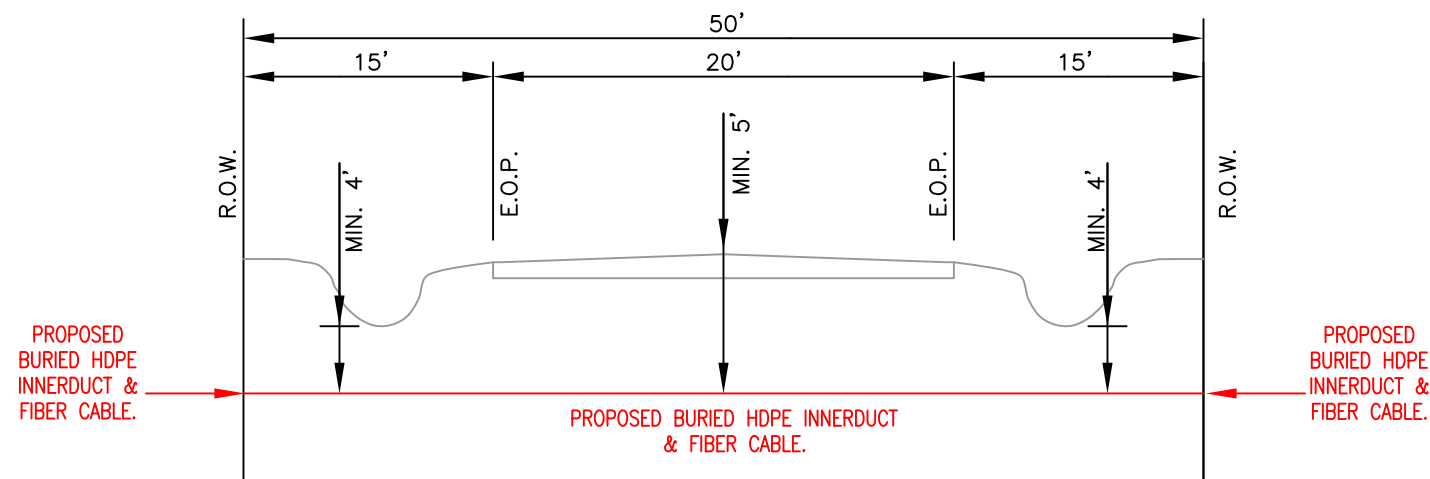
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LOC: FORT BEND COUNTY, TX			
PMO# / TGT BUILDING ID: N/A			
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DWG: Fort Bend – Cluster 47A.dwg			
DRAWING	DATE	ENG DESIGN	
ORIGINAL	03/16/18	FCS	
Rev#1	N/A	N/A	
AS-BUILT	N/A	N/A	
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			OF: 17
PROPRIETARY INFORMATION OF CROWN CASTLE FIBER			



DORA LN. AT OLD RICHMOND RD.
LOOKING EAST




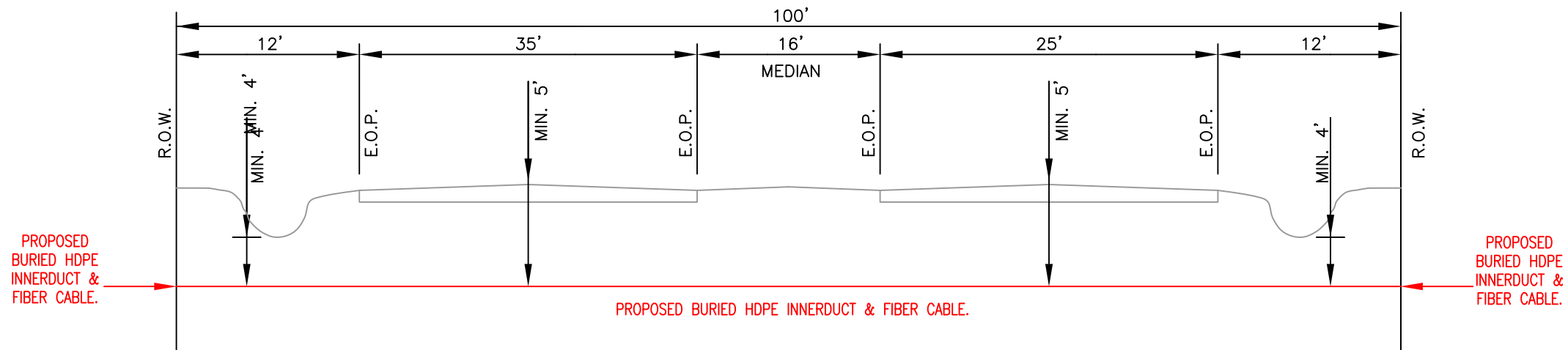
OLD RICHMOND RD. FROM DORA LN.
TO W. AIRPORT BLVD.
LOOKING SOUTH



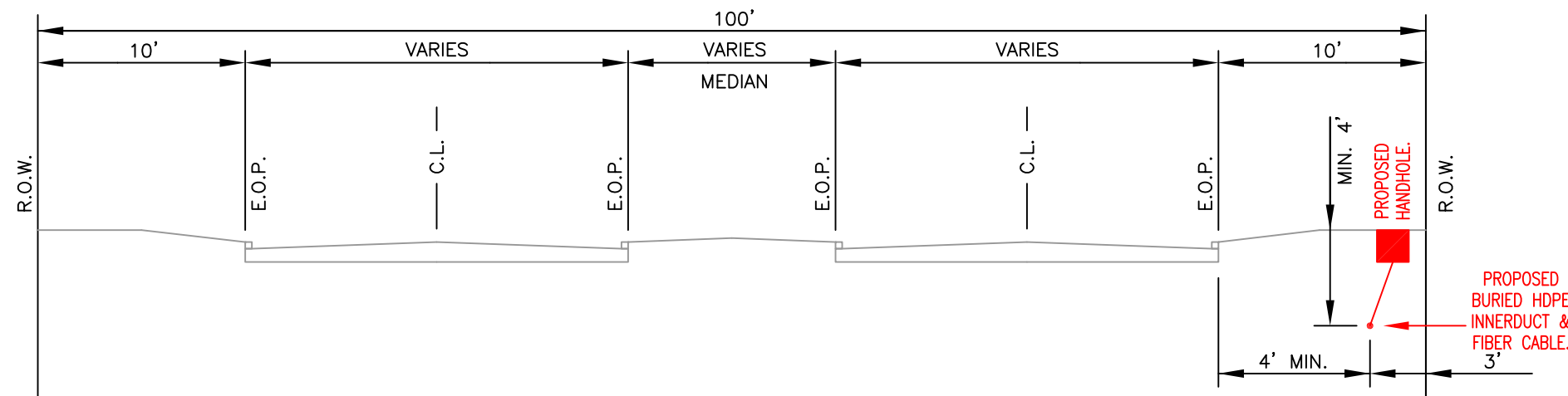
McKASKIE RD. @ OLD RICHMOND RD.
LOOKING EAST

PROFILE SHEET 1

TITLE: CLUSTER 47A – FORT BEND COUNTY PERMIT PHASE 2		
LOC: FORT BEND COUNTY, TX		
PMO# / TGT BUILDING ID: N/A		
PM: RONNIE SHORTHORSE 346-206-5092		
DWG: Fort Bend – Cluster 47A.dwg		
DRAWING	DATE	ENG DESIGN
ORIGINAL	03/16/18	FCS
Rev#1	N/A	N/A
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PROPRIETARY INFORMATION OF CROWN CASTLE FIBER		OF: 17




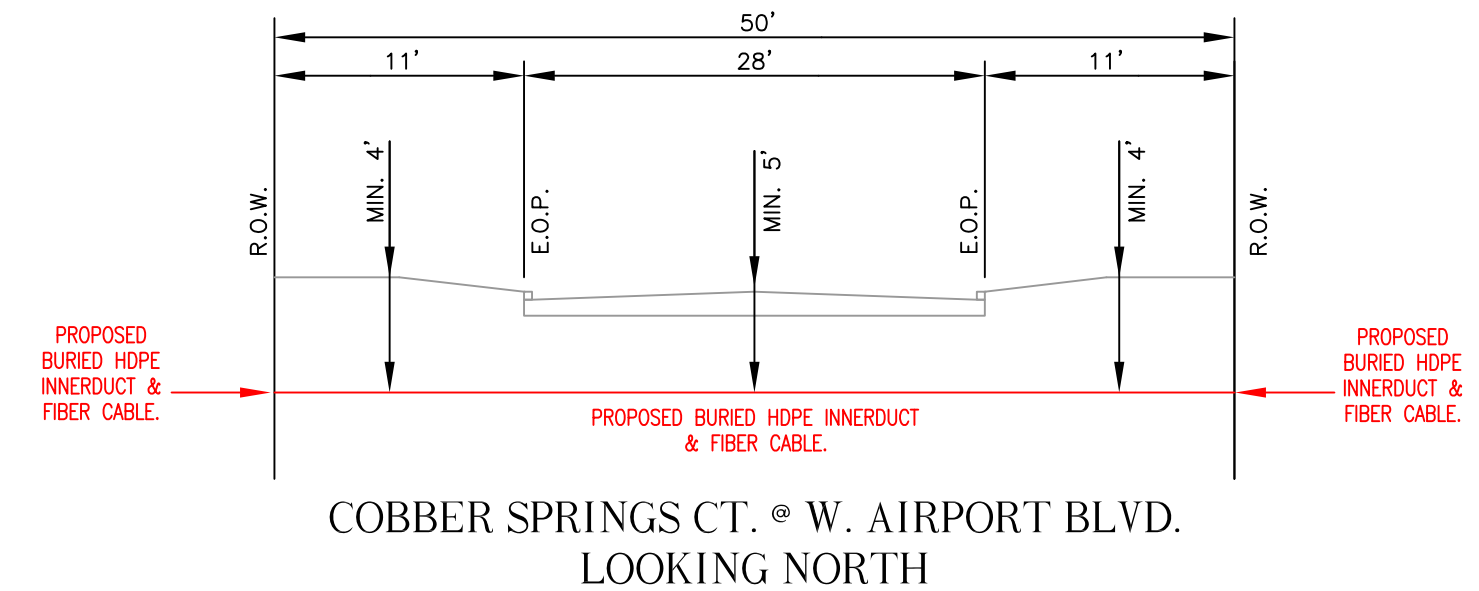
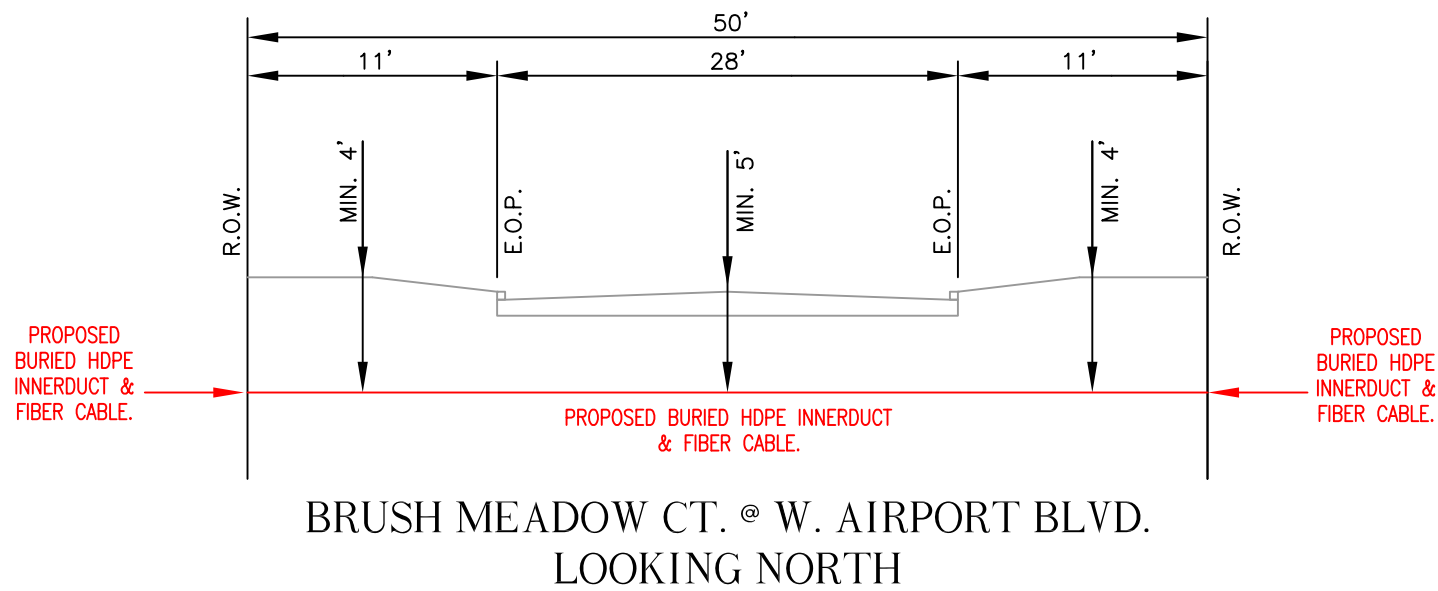
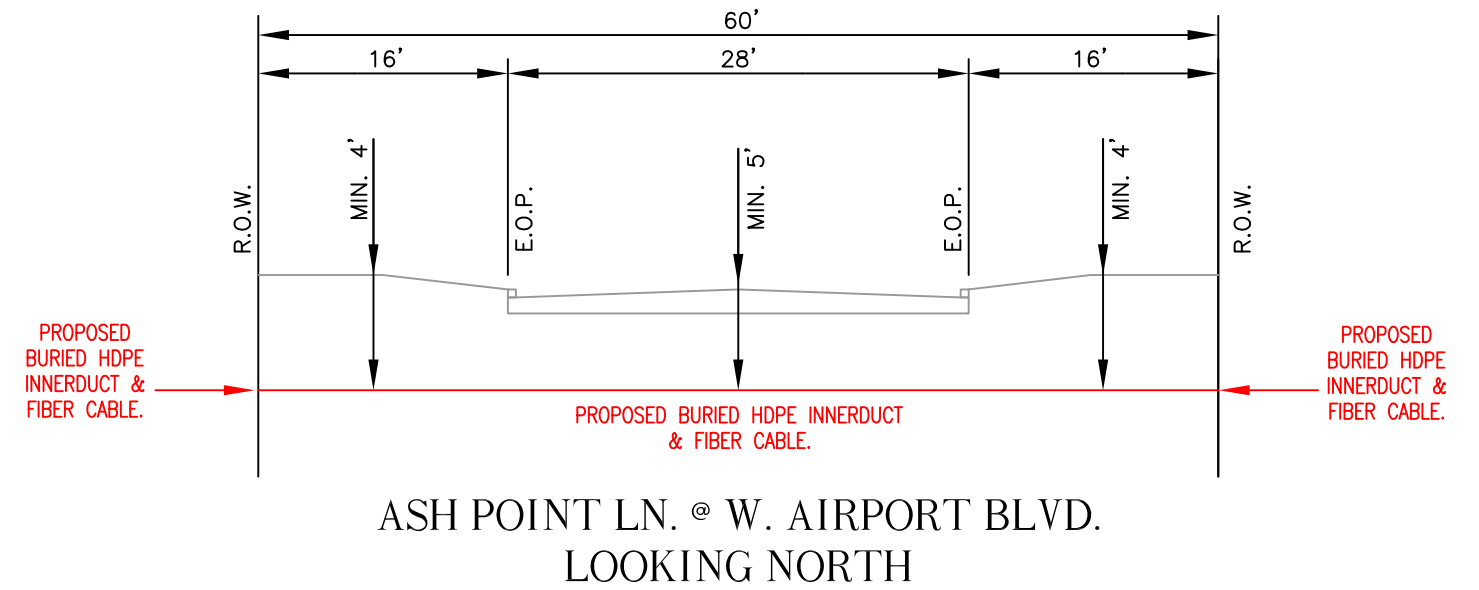
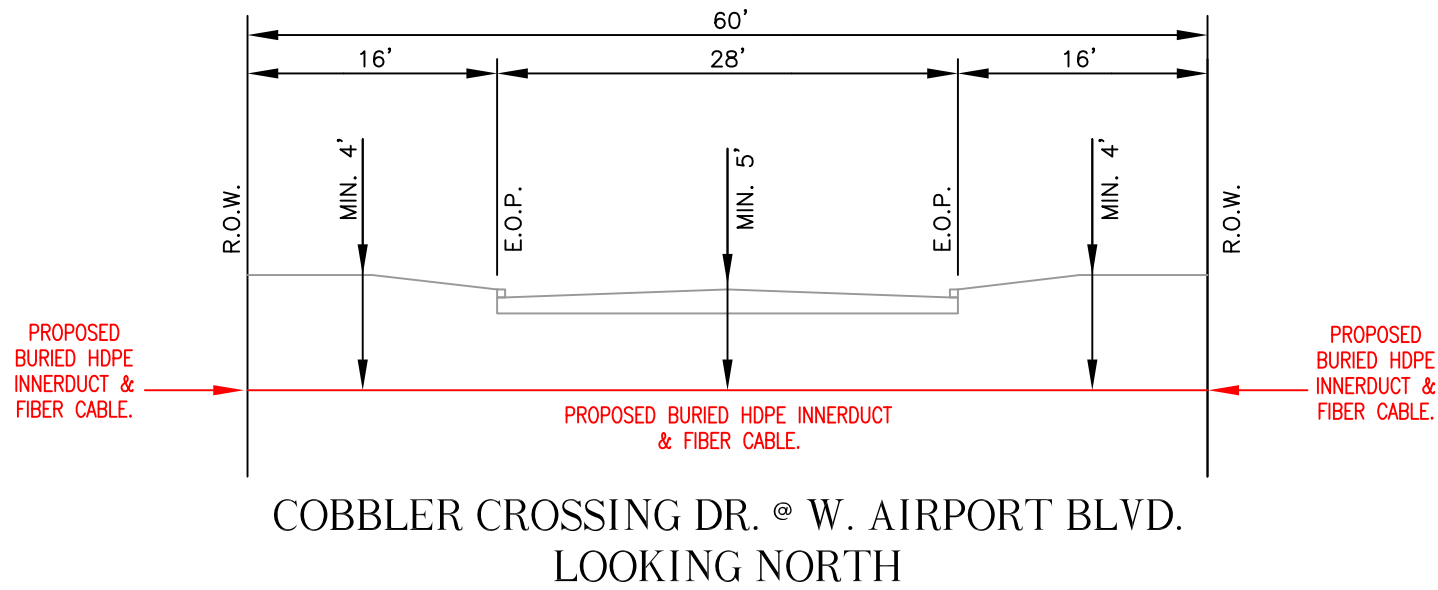
OLD RICHMOND RD. @ W. AIRPORT BLVD.
LOOKING NORTH




W. AIRPORT BLVD. FROM OLD RICHMOND RD. TO FM 1464
LOOKING WEST

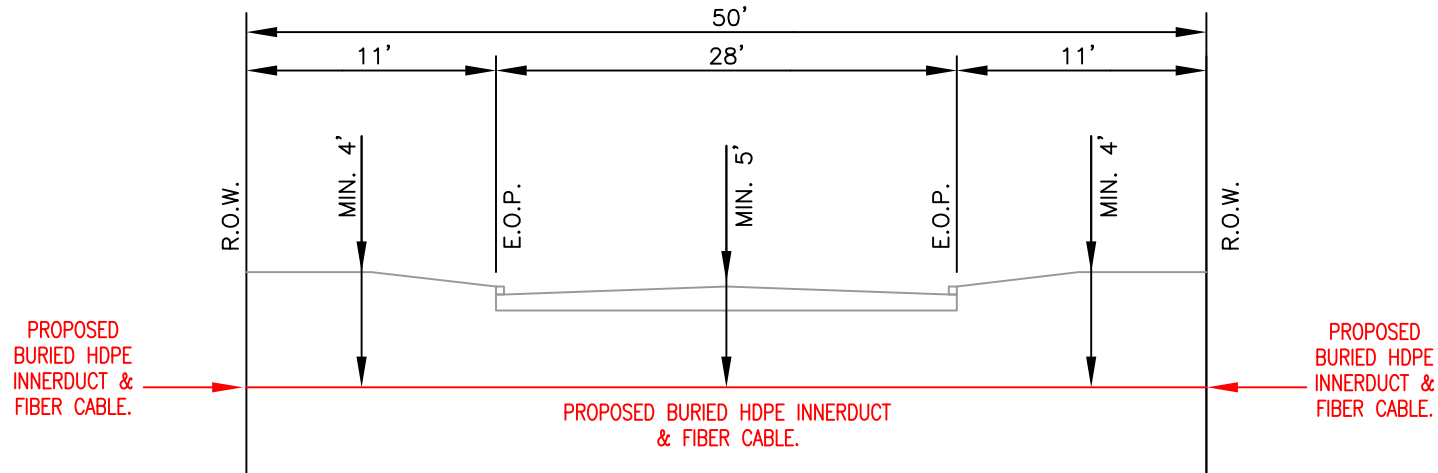
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LOC: FORT BEND COUNTY, TX			
PMO# / TGT BUILDING ID: N/A			
PM: RONNIE SHORTHORSE 346-206-5092			
DWG: Fort Bend – Cluster 47A.dwg			
DRAWING	DATE	ENG DESIGN	
ORIGINAL	03/16/18	FCS	
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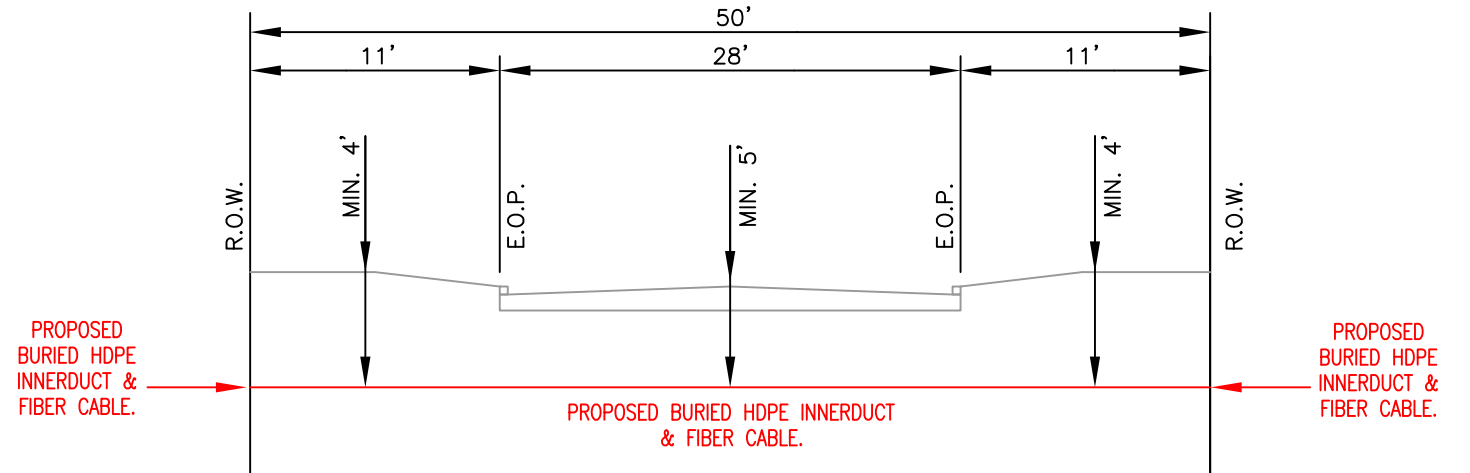


PROFILE SHEET 3

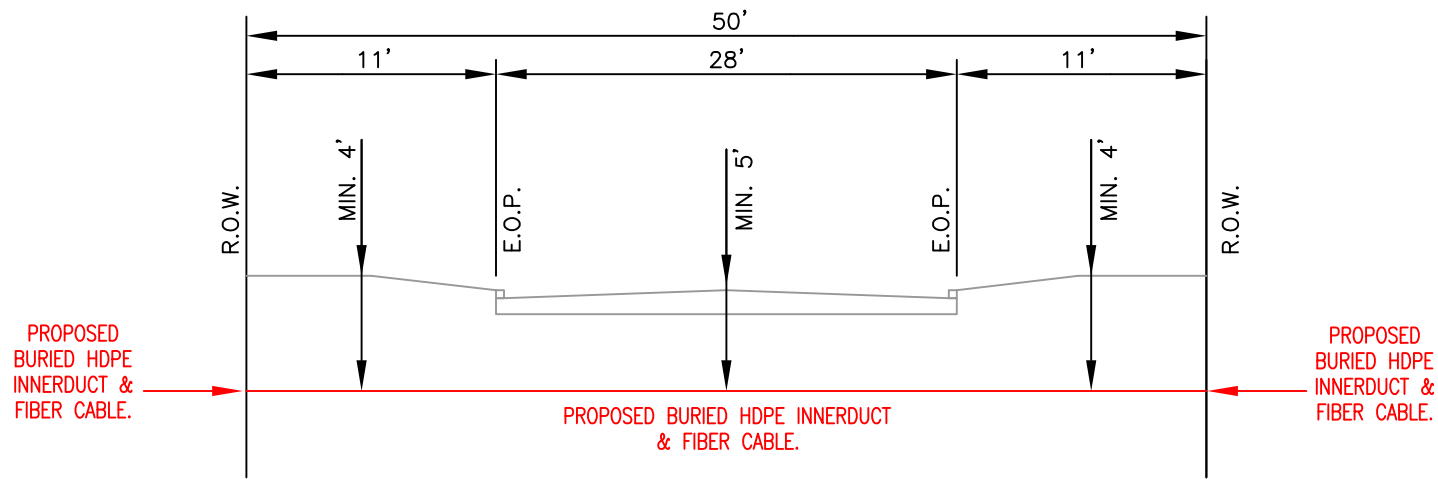
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LOC: FORT BEND COUNTY, TX			
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DWG: Fort Bend – Cluster 47A.dwg			
DRAWING	DATE	ENG DESIGN	
ORIGINAL	03/16/18	FCS	
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AS-BUILT	N/A	N/A	
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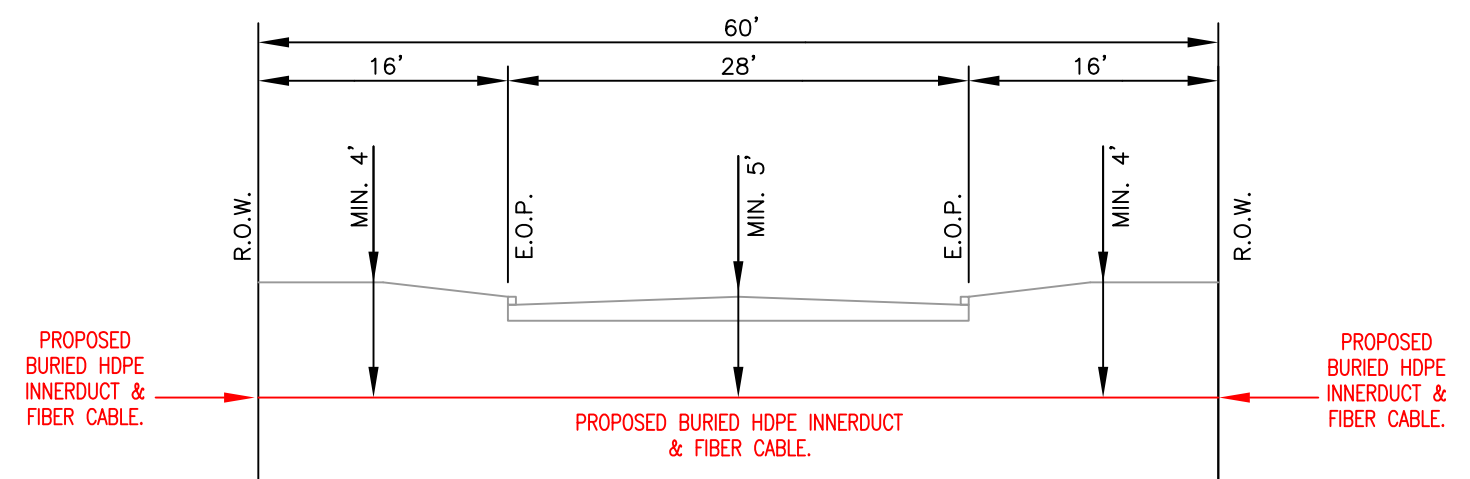
CONCORD FALLS LN. @ W. AIRPORT BLVD.
LOOKING NORTH



DAWNCREST WAY @ W. AIRPORT BLVD.
LOOKING NORTH




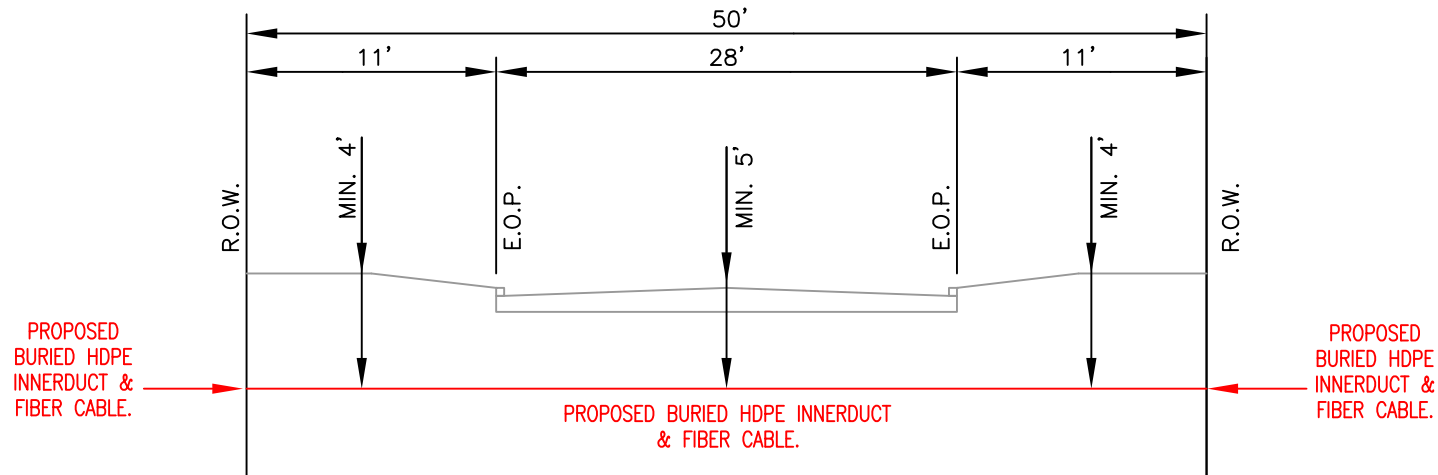
ELWOOD POINT LN. @ W. AIRPORT BLVD.
LOOKING NORTH



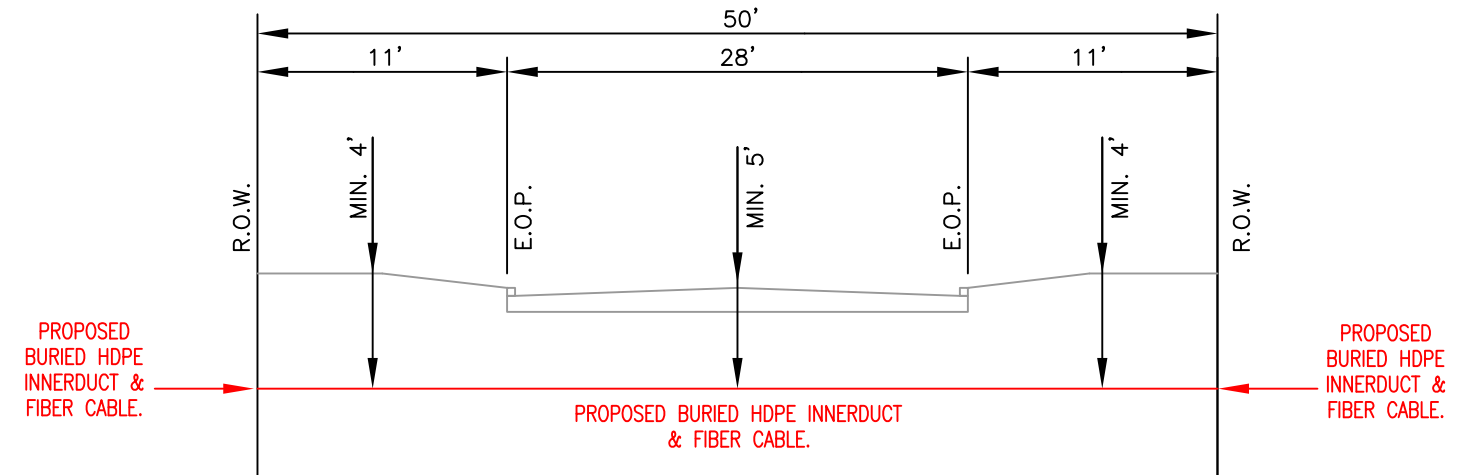
EMBER HOLLOW LN. @ W. AIRPORT BLVD.
LOOKING NORTH

PROFILE SHEET 4

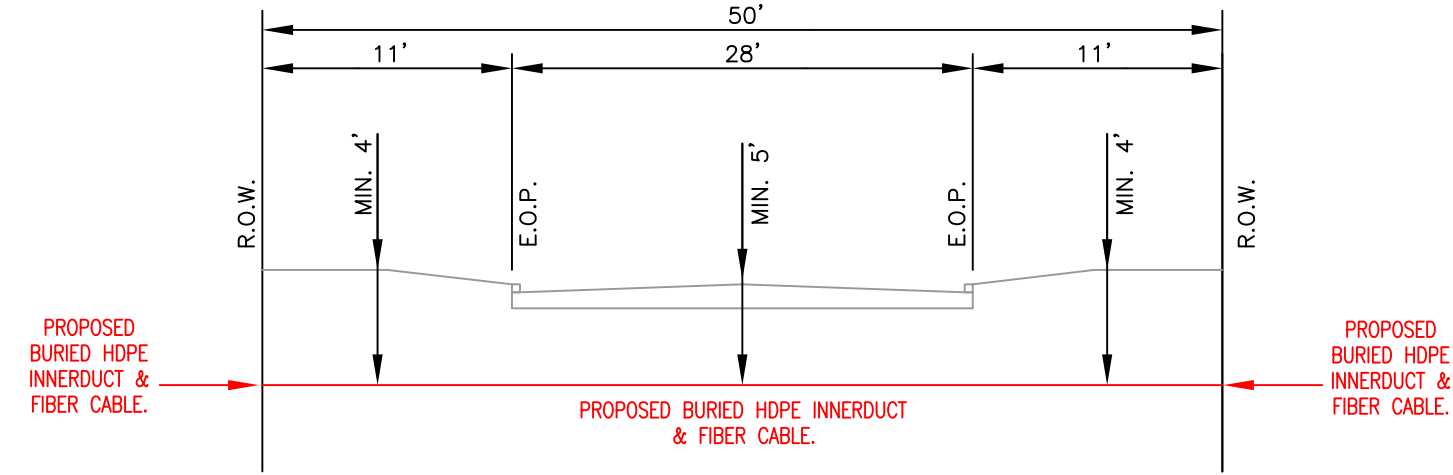
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Rev#1	N/A	N/A	
AS-BUILT	N/A	N/A	
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			OF: 17
PROPRIETARY INFORMATION OF CROWN CASTLE FIBER			



FLINT RUN WAY @ W. AIRPORT BLVD.
LOOKING NORTH




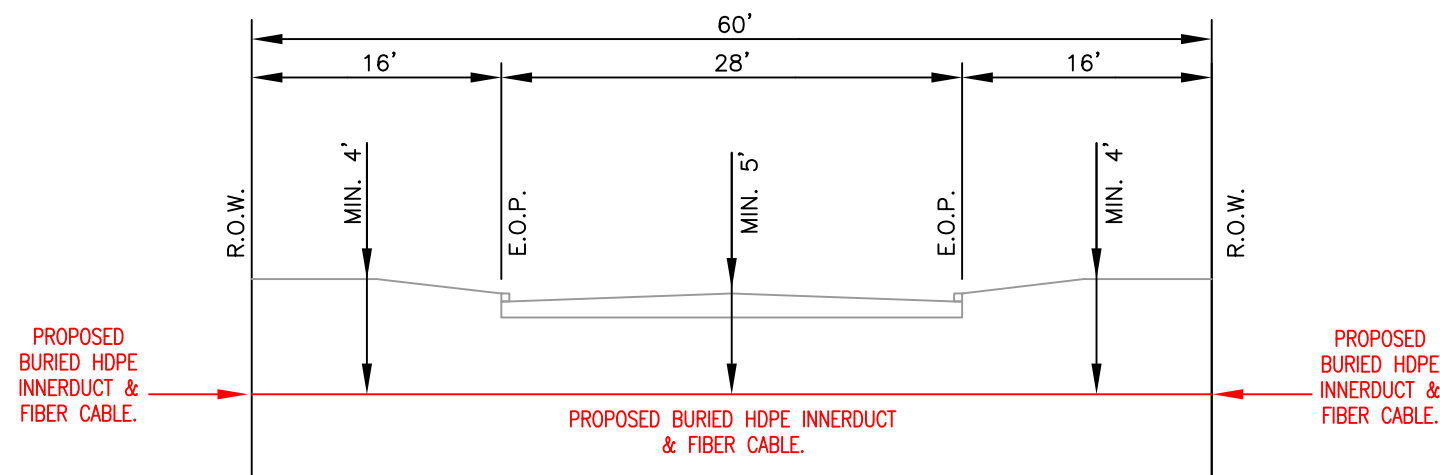
GINGER RUN WAY @ W. AIRPORT BLVD.
LOOKING NORTH



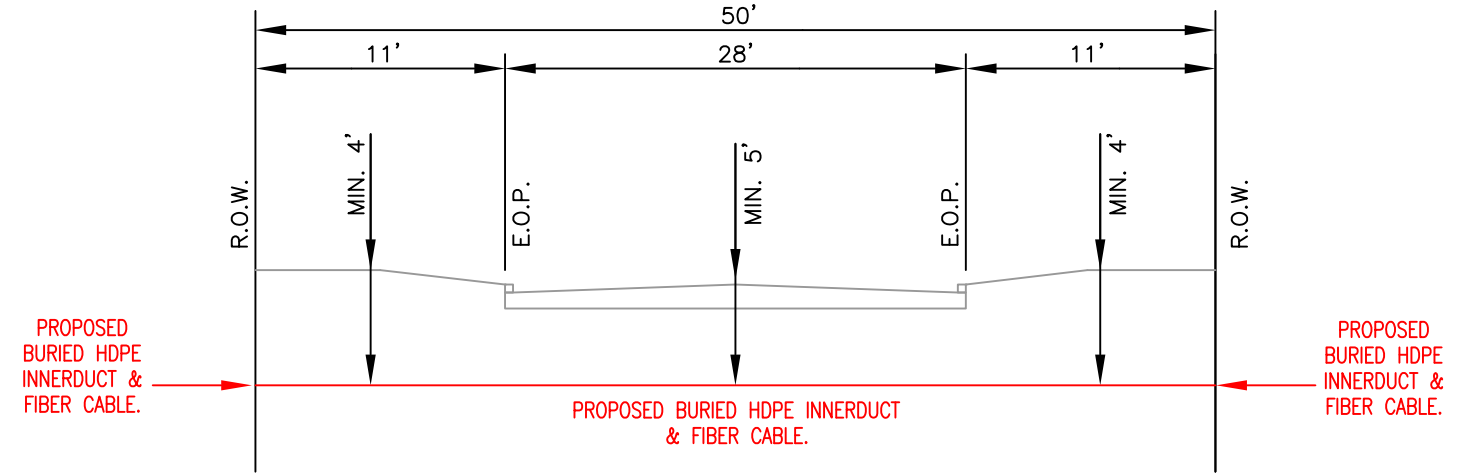
HIDDEN GATE CT. @ W. AIRPORT BLVD.
LOOKING NORTH

PROFILE SHEET 5

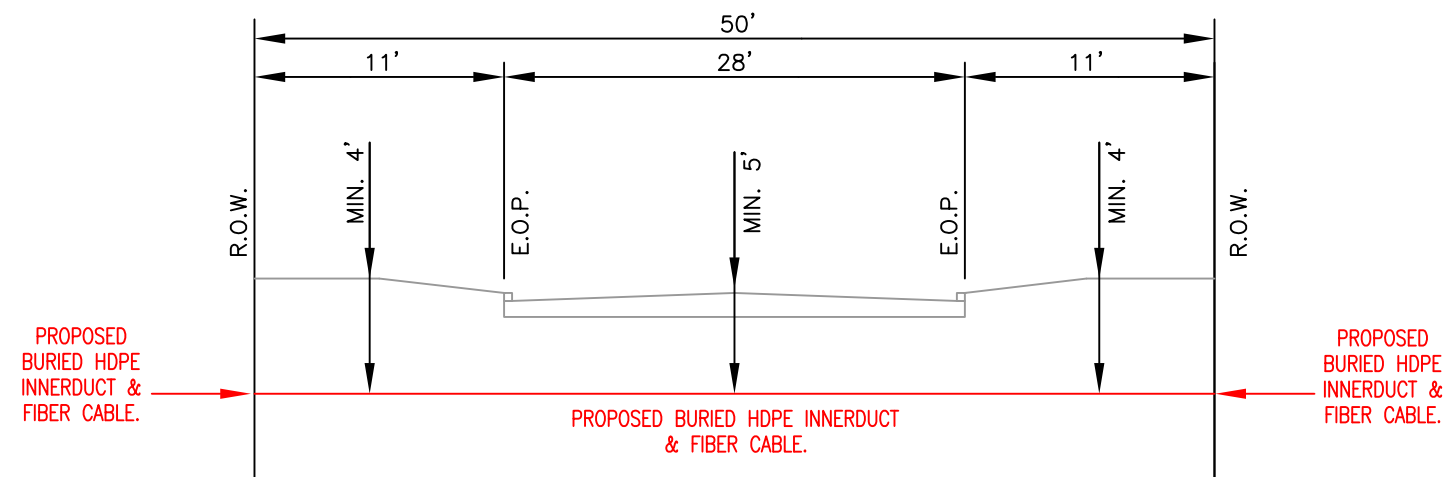
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LOC: FORT BEND COUNTY, TX			
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DRAWING	DATE	ENG DESIGN	
ORIGINAL	03/16/18	FCS	
Rev#1	N/A	N/A	
AS-BUILT	N/A	N/A	
			PAGE: 16
			OF: 17
PROPRIETARY INFORMATION OF CROWN CASTLE FIBER			



MAPLE DOWNS LN. @ W. AIRPORT BLVD.
LOOKING NORTH




YABBIE DR. @ W. AIRPORT BLVD.
LOOKING NORTH



BANDICOOT DR. @ W. AIRPORT BLVD.
LOOKING NORTH

PROFILE SHEET 6

TITLE: CLUSTER 47A – FORT BEND COUNTY PERMIT PHASE 2			
LOC: FORT BEND COUNTY, TX			
PMO# / TGT BUILDING ID: N/A			
PM: RONNIE SHORTHORSE 346-206-5092			
DWG: Fort Bend – Cluster 47A.dwg			
DRAWING	DATE	ENG DESIGN	
ORIGINAL	03/16/18	FCS	
Rev#1	N/A	N/A	
AS-BUILT	N/A	N/A	
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PROPRIETARY INFORMATION OF CROWN CASTLE FIBER			

Notes for Figure 6H-1—Typical Application 1 Work Beyond the Shoulder

Guidance:

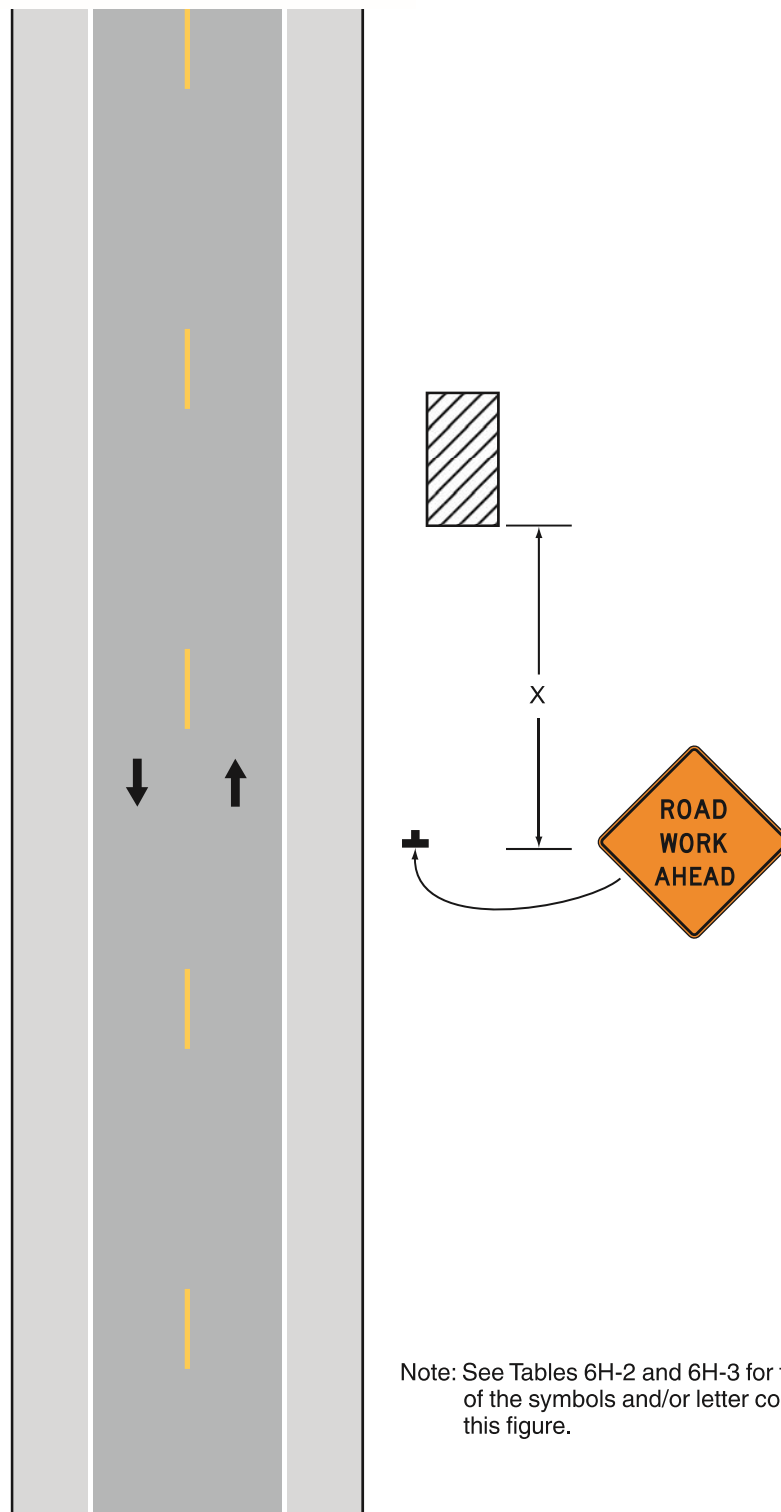
1. *If the work space is in the median of a divided highway, an advance warning sign should also be placed on the left side of the directional roadway.*

Option:

2. The ROAD WORK AHEAD sign may be replaced with other appropriate signs such as the SHOULDER WORK sign. The SHOULDER WORK sign may be used for work adjacent to the shoulder.
3. The ROAD WORK AHEAD sign may be omitted where the work space is behind a barrier, more than 24 inches behind the curb, or 15 feet or more from the edge of any roadway.
4. For short-term, short duration or mobile operation, all signs and channelizing devices may be eliminated if a vehicle with activated high-intensity rotating, flashing, oscillating, or strobe lights is used.
5. Vehicle hazard warning signals may be used to supplement high-intensity rotating, flashing, oscillating, or strobe lights.

Standard:

6. **Vehicle hazard warning signals shall not be used instead of the vehicle's high-intensity rotating, flashing, oscillating, or strobe lights.**

Figure 6H-1. Work Beyond the Shoulder (TA-1)**Typical Application 1**

Notes for Figure 6H-3—Typical Application 3 Work on the Shoulders

Guidance:

1. *A SHOULDER WORK sign should be placed on the left side of the roadway for a divided or one-way street only if the left shoulder is affected.*

Option:

2. The Workers symbol signs may be used instead of SHOULDER WORK signs.
3. The SHOULDER WORK AHEAD sign on an intersecting roadway may be omitted where drivers emerging from that roadway will encounter another advance warning sign prior to this activity area.
4. For short duration operations of 60 minutes or less, all signs and channelizing devices may be eliminated if a vehicle with activated high-intensity rotating, flashing, oscillating, or strobe lights is used.
5. Vehicle hazard warning signals may be used to supplement high-intensity rotating, flashing, oscillating, or strobe lights.

Standard:

6. **Vehicle hazard warning signals shall not be used instead of the vehicle's high-intensity rotating, flashing, oscillating, or strobe lights.**
7. **When paved shoulders having a width of 8 feet or more are closed, at least one advance warning sign shall be used. In addition, channelizing devices shall be used to close the shoulder in advance to delineate the beginning of the work space and direct vehicular traffic to remain within the traveled way.**

Figure 6H-3. Work on the Shoulders (TA-3)