

STANDARD UTILITY AGREEMENT

U-0018: FiberLight, LLC
 County: Fort Bend
 Highway: FM 1093 Westpark Extension

This Agreement by and between the County of Fort Bend, Texas, ("**County**"), and **FiberLight, LLC**, ("**Utility**"), acting by and through its duly authorized representative, shall be effective on the date of approval and execution by and on behalf of the **County**.

WHEREAS, the **County** has deemed it necessary to make certain highway improvements as designated by the **County** and approved by the Federal Highway Administration within the limits of the highway as indicated above;

WHEREAS, the proposed highway improvements will necessitate the adjustment, removal, and/or relocation of certain facilities of **Utility** as indicated in the following statement of work: relocation of assets into a predesignated corridor according to the following schedule:

Start Date – March 28, 2016
 Completion Date – May 16, 2016

and more specifically shown in **Utility's** Plans and Specifications, Estimated Costs, and Schedule which are attached hereto as Exhibits "A," "B" and "C."

WHEREAS, Subchapter E of Chapter 203 of the Texas Transportation Code regarding the relocation of utilities does not apply to this Project, but the County wishes to negotiate in good faith and enter into agreements with all affected utility companies for the participation in the costs of the adjustment, removal, and/or relocation of certain facilities as authorized under such subchapter.


WHEREAS, the **County**, upon receipt of evidence it deems sufficient, acknowledges **Utility's** interest in certain lands and/or facilities and determined it is appropriate to enter an agreement with **Utility** to govern the terms for participation in the costs of the adjustment, removal, and relocation of certain of its facilities located upon the lands as indicated in the statement of work above.

NOW, THEREFORE, BE IT AGREED:

The **County** will pay to **Utility** fifty percent (50%) of the documented actual costs incurred for relocation of the utility in adjustment, removal, and/or relocation of **Utility's** facilities up to the amount said costs may be eligible for **County** participation. In no event shall any betterment apply nor be deducted from **Utility's** costs and associated **County** payments.

All conduct under this agreement, including but not limited to the adjustment, removal and relocation of the facility, the development and reimbursement of costs, any environmental requirements, and retention of records will be in accordance with all applicable federal and state laws, rules and regulations, including, without limitation, the Federal Uniform Relocation Assistance and Real Property Acquisition Policies Act, 42 U.S.C. §§ 4601, et seq., the National Environmental Policy Act, 42 U.S.C. §§ 4231, et seq., the Buy America provisions of 23 U.S.C. § 313 and 23 CFR 635.410, the Utility Relocations, Adjustments, and Reimbursements provisions of 23 CFR 645, Subpart A, and with the Utility Accommodation provisions of 23 CFR 645, Subpart B. **Utility** shall supply, upon request by the **County**, proof of compliance with the aforementioned laws, rules and regulations prior to the commencement of construction.

The **Utility** agrees to develop relocation or adjustment costs by accumulating actual direct and related indirect costs in accordance with a work order accounting procedure prescribed by **County**, or may, with the **County's** approval, accumulate actual direct and related indirect costs in accordance with an established accounting procedure developed by **Utility**. Bills for work hereunder will be submitted to **County** not later than ninety (90) days after completion of the work.


 Date 3/17/16

Fort Bend County


 Initial Date 3/14/16

Fiberlight

When requested, the **County** will make intermediate payments at not less than monthly intervals to **Utility** when properly billed and such payments will not exceed (ninety) 90 percent (90%) of the eligible cost as shown in each such billing. Intermediate payments shall not be construed as final payment for any items included in the intermediate payment.

Upon execution of this agreement by both parties hereto, the **County** will, by written notice, authorize the **Utility** to perform such work diligently, and to conclude said adjustment, removal, or relocation by the stated completion date. The completion date shall be extended for delays caused by events outside **Utility's** control, including an event of Force Majeure, which shall include a strike, war or act of war (whether an actual declaration of war is made or not), insurrection, riot, act of public enemy, accident, fire, flood or other act of God (including adverse weather that reasonably impacts the Utility's ability to perform their work), sabotage, or other events, interference by the **County** or any other party with **Utility's** ability to proceed with the relocation, or any other event in which **Utility** has exercised all due care in the prevention thereof so that the causes or other events are beyond the control and without the fault or negligence of **Utility**.

The **County** will, upon satisfactory completion of the relocation or adjustment and upon receipt of final billing prepared in an approved form and manner, make payment in the amount of 90 percent (90%) of the eligible costs as shown in the final billing prior to audit and after such audit shall make an additional final payment totaling the reimbursement amount found eligible for **County** reimbursement.

Unless an item below is stricken and initialed by the **County and Utility**, this agreement in its entirety consists of the following:


1. Standard Utility Agreement;
2. Plans & Specifications (Attachment "A");
3. Utility Construction Cost Estimate (Attachment "B");
4. Utility's Schedule of Work and Estimated Date of Completion (Attachment "C").

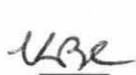
All attachments are included herein as if fully set forth. In the event it is determined that a substantial change from the statement of work contained in this agreement is required at no fault of the Utility, reimbursement therefore shall be limited to costs covered by a modification or amendment of this agreement or a written change or extra work order approved by the **County and Utility**.

This agreement is subject to cancellation by the **County** at any time up to the date that work under this agreement has been authorized and that such cancellation will not create any liability on the part of the **County**. However, the **County** will review and reimburse the **Utility** for eligible documented costs incurred by the **Utility** in preparation of this Agreement, including but not limited to administrative and project management time, and materials attributable to this relocation.

LIMITATIONS OF LIABILITY. NEITHER PARTY SHALL BE LIABLE IN ANY COURT ACTION INITIATED BY A PARTY OR ANY THIRD PARTY FOR ANY INDIRECT, CONSEQUENTIAL, SPECIAL, INCIDENTAL, RELIANCE, OR PUNITIVE DAMAGES OF ANY KIND OR NATURE WHATSOEVER, INCLUDING, WITHOUT LIMITATION, ANY LOST PROFITS, LOST REVENUE, LOST SAVINGS OR ANY OTHER BUSINESS LOSS INCLUDING GOODWILL, LOSS OF USE OF PROPERTY, LOSS OF DATA, AND CLAIMS FOR DAMAGES OR HARM TO BUSINESS REGARDLESS OF FORSEEABILITY OR WHETHER DAMAGES ARE CAUSED BY THE NEGLIGENCE, INTENTIONAL ACTS OR OMISSIONS OR WILLFUL MISCONDUCT ARISING FROM OR RELATED TO THIS AGREEMENT, DIRECTLY OR INDIRECTLY. NOTWITHSTANDING THE FOREGOING, UTILITY SHALL BE LIABLE FOR ANY COSTS COUNTY IS OBLIGATED TO PAY UNDER A CONSTRUCTION AGREEMENT WITH A THIRD PARTY DUE TO DELAYS CAUSED BY THE SOLE NEGLIGENCE OF UTILITY'S FAILURE TO COMPLETE WORK BY STATED COMPLETION DATE.

The **Utility** acknowledges to and for the benefit of the **County** and State of Texas that it understands the project under this Agreement is eligible for Federal-aid highway funds and as such, requires all of the iron, steel, and


Date 3/17/16
Fort Bend County


Date 3/14/16
Initial Date
Fiberlight

manufactured goods used in the project be produced in the United States ("Buy American Requirements") including iron, steel, and manufactured goods provided by the **Utility** pursuant to this Agreement.

The State Auditor may conduct an audit or investigation of any entity receiving funds from the **County** directly under this contract or indirectly through a subcontract under this contract. Acceptance of funds directly under this contract or indirectly through a subcontract under this contract acts as acceptance of the authority of the State Auditor, under the direction of the Legislative Audit Committee, to conduct an audit or investigation in connection with those funds. An entity that is the subject of an audit or investigation must provide the state auditor with access to any information the state auditor considers relevant to the investigation or audit.

The **Utility** by execution of this agreement does not waive any of the rights which **Utility** may have within the limits of the law.

It is expressly understood that the **Utility** conducts the adjustment, removal, or relocation at its own risk, and that Fort Bend County, Texas makes no warranties or representations regarding the existence or location of utilities currently within its right of way. This limitation shall not apply to any damages attributable to the negligence of the County.

The signatories to this agreement warrant that each has the authority to enter into this agreement on behalf of the party represented.

UTILITY

Utility: FiberLight, LLC
Name of Utility


By: 
Authorized Signature

Kevin B. Coyne
Print or Type Name

Title: Chief Financial Officer

Date: 3/14/16

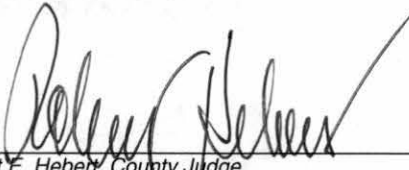


 3/17/16
Date
Fort Bend County

KBC 3/14/16
Initial Date
Fiberlight

EXECUTION RECOMMENDED:

COUNTY

By: 
Robert E. Hebert, County Judge

Date: March 22, 2016

ATTEST:

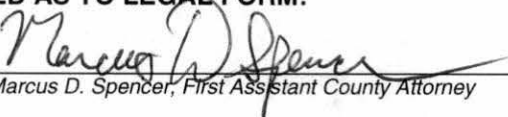
By: 
Laura Richard, County Clerk



APPROVED:

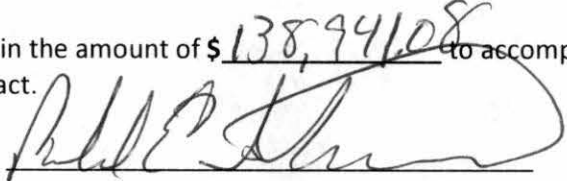
By: 
Richard W. Stolleis, P.E., County Engineer

APPROVED AS TO LEGAL FORM:

By: 
Marcus D. Spencer, First Assistant County Attorney

AUDITOR'S CERTIFICATE

I hereby certify that funds are available in the amount of \$ 138,941.08 to accomplish and pay the obligation of Fort Bend County under this contract.



Robert Ed Sturdivant, County Auditor


 3/17/16
Date
Fort Bend County

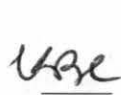
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Initial Date
Fiberlight

Exhibit A

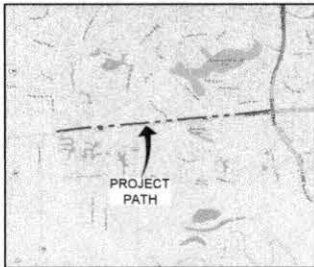
FiberLight Plans & Specifications

(62 Pages that Follow)


Date 3/17/16
Fort Bend County


Initial Date 3/14/16
Fiberlight

ADDRESS: FM 1093 WEST OF GRAND PARKWAY
 PROJECT NAME: FM 1093 / WESTPARK EXTENSION RELO



LOCATION MAP

PROJECT LOCATION
 MAP NOT TO SCALE



VICINITY MAP

CONTACTS

LEVEL (3)
 KEITH HALL 832-548-8013
 GOLDEN FIELD SERVICES
 ERIK BAKER 903-357-1282

PROJECT INDEX

- 1 - COVER SHEET
- 2 - LEGEND
- 2A - GENERAL NOTES 1
- 2B - GENERAL NOTES 2
- 3 - INDEX SHEET
- 4-20 - CONSTRUCTION PLANS & PROFILES
- 30A-30B - CONSTRUCTION DETAILS
- 30C - LEVEL 3 CABLE
- PULLING SCHEMATIC
- 31 - NAME OFF TOTAL

SCOPE OF WORK

REMOVE AND REPLACE 18,177 OF THE EXISTING LEVEL 3 COMMUNICATIONS FIBER NETWORK & PLACE 8.2" HDPE CONDUIT & 27 HANDHOLES IN THE NORTH RIGHT-OF-WAY OF F.M. 1093 & WESTPARK TOLLWAY DUE TO CITY OF HOUSTON INFRASTRUCTURE EXPANSION OF WESTPARK TOLLWAY

PROJECT DESCRIPTION

CU CODE
 SA NUMBER
 ADDRESS
 CITY HOUSTON
 COUNTY FORT BEND
 STATE TEXAS
 ZIP CODE 77468 & 77406
 CUSTOMER/TENANT

| 3 | | |
|----------|---------|--------------|
| 2 | | |
| 1 | | |
| NO. | DATE | ENG. DESIGN |
| 2-2-18 | | REVISION # 1 |
| 11-13-15 | | ORIGINAL |
| DRAFTING | COMMENT | |



LEVEL 3 ENGINEER
 KEITH HALL
 ENGINEERING FIRM
 GOLDEN FIELD SERVICES
 PROJECT NUMBER
 LOCATION: FM 1093 WESTPARK
 EXTENSION - HOUSTON, TX
 DRAWING NAME

SHEET 1 OF 31
 CONFIDENTIAL/PROPRIETARY

LEGEND

LINETYPES

| | |
|--|-------------------------|
| | UG FIBER - EXISTING |
| | UG FIBER - PROPOSED |
| | AERIAL FIBER - EXISTING |
| | AERIAL FIBER - PROPOSED |
| | STRAND - EXISTING |
| | STRAND - PROPOSED |
| | CONDUIT - EXISTING |
| | CONDUIT - PROPOSED |
| | INNERDUCT - EXISTING |
| | INNERDUCT - PROPOSED |
| | GAS |
| | WATER |
| | TELEPHONE |
| | ELECTRIC |
| | SANITARY SEWER (SEW) |
| | STORM DRAIN |
| | FENCE |
| | CABLE TV |
| | STEAM |
| | OIL |
| | UNKNOWN UTILITY |
| | RIGHT OF WAY |
| | EDGE OF PAVEMENT |

SYMBOL DESCRIPTION

| | |
|------|--------------------------------|
| ASW | ASPHALT SIDEWALK |
| BP | BLACK IRON PIPE |
| BSP | BLACK STEEL PIPE |
| CSW | CONCRETE SIDEWALK |
| EOP | EDGE OF PAVEMENT |
| EDTW | EDGE OF TRAVEL WAY |
| FDC | FACE OF CURB |
| HDPE | HIGH DENSITY POLYETHYLENE |
| HH | HANDHOLE |
| JB | JUNCTION BOX |
| MH | MANHOLE |
| MP | MILE POST |
| O/S | OFFSET |
| PVC | POLY VINYL CHLORIDE |
| RCS | RIGID GALVANIZED STEEL CONDUIT |
| ROW | RIGHT OF WAY |
| STA. | STATION |

| | |
|--|-------------------------|
| | RISER |
| | TELEPHONE |
| | POWER VAULT |
| | CATCH BASIN/INLET |
| | FIRE HYDRANT |
| | GROUND/BOND |
| | STREET LIGHT |
| | TREE |
| | CULVERT |
| | WING WALL |
| | BRIDGE |
| | MISC. UTILITY |
| | UTILITY POLE - EXISTING |
| | POLE - PROPOSED |

| | |
|--|---------------------|
| | HANDHOLE - EXISTING |
| | HANDHOLE - PROPOSED |
| | MANHOLE - EXISTING |
| | MANHOLE - PROPOSED |
| | PULLBOX - EXISTING |
| | PULLBOX - PROPOSED |

| | |
|--|--------------------------------------|
| | VAULT - EXISTING |
| | VAULT - PROPOSED |
| | AERIAL STORAGE - EXISTING |
| | AERIAL STORAGE - PROPOSED |
| | VAULT/BUILDING STORAGE - EXISTING |
| | VAULT/BUILDING STORAGE - PROPOSED |
| | POLE ANCHOR/DOWN GUY - EXISTING |
| | POLE ANCHOR/DOWN GUY - PROPOSED |
| | PROPOSED DOWN GUY ON EXISTING ANCHOR |

| | |
|--|-----------------------------|
| | TERMINATION - EXISTING |
| | TERMINATION - PROPOSED |
| | BUILDING CALLOUT - PROPOSED |
| | SPLICE POINT - EXISTING |
| | SPLICE POINT - PROPOSED |
| | SEQUENTIAL CALLOUT |
| | SEQUENTIAL TAIL CALLOUT |
| | SEQUENTIAL TAIL OUT CALLOUT |

| | |
|--|--|
| | POLE ATTACHMENT CALLOUT - EXISTING USE DYNAMIC PULL DOWN TO SELECT FROM 1 TO 6 ATTACHMENTS |
| | POLE ATTACHMENT CALLOUT - PROPOSED USE DYNAMIC PULL DOWN TO SELECT FROM 1 TO 6 ATTACHMENTS |
| | CABLE SPAN CALLOUT - EXISTING FOR USE ON PAPER SPACE (SHOWN AT 50X) |
| | CABLE SPAN CALLOUT - PROPOSED FOR USE ON PAPER SPACE (SHOWN AT 50X) |
| | CONDUIT CALLOUT - EXISTING FOR USE ON PAPER SPACE (SHOWN AT 50X) WITH OR WITHOUT INNER DUCT INFO |
| | CONDUIT CALLOUT - PROPOSED FOR USE ON PAPER SPACE (SHOWN AT 50X) WITH OR WITHOUT INNER DUCT INFO |
| | STRAND CALLOUT - EXISTING FOR USE ON PAPER SPACE (SHOWN AT 50X) |
| | STRAND CALLOUT - PROPOSED FOR USE ON PAPER SPACE (SHOWN AT 50X) |

SYMBOL CORRESPONDS TO PHOTO LOCATIONS AND ORIENTATION SHEET # FOR ITS PHOTOGRAPH.

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| 3 | | |
| 2 | | |
| 1 | | |
| NO. | DATE | ENG. DESIGN |
| 3-2-18 | | AS-BUILT |
| 11-13-18 | | ORIGINAL |
| | | DRAFTING COMMENT |
| Level(3) COMMUNICATIONS | | |
| LEVEL 3 ENGINEER KEITH HALL | | |
| ENGINEERING FIRM GOLDEN FIELD SERVICES | | |
| PROJECT NUMBER: LOCATION: FM 1093 WESTPARK EXTENSION - HOUSTON, TX | | |
| DRAWING NAME: | | |
| SHEET | 2 OF 31 | |
| CONFIDENTIAL/PROPRIETARY | | |

GENERAL NOTES 1

1. ALL WORK TO BE DONE WITH EXTREME CAUTION AROUND FIBER OPTIC CABLE CARRYING TRAFFIC. SIGNIFICANT COST AND PENALTIES TO THE CONTRACTOR WILL RESULT FROM SERVICE INTERRUPTION DUE TO CONTRACTOR'S NEGLIGENCE.
2. ALL WORK TO BE PERFORMED IN STRICT ACCORDANCE WITH THE APPLICABLE CODES OR REQUIREMENTS OF ANY REGULATING GOVERNMENTAL AGENCY, LEVEL (3) COMMUNICATION, OR RIGHT-OF-WAY GRANTOR.
3. LOCATION OF SOME OF THE PHYSICAL FEATURES WERE OBTAINED FROM DATED RAILROAD VALUATION MAPS OR OTHER DRAWINGS, AND MAY NOT BE AS SHOWN OR DEPICTED ON THESE DRAWINGS.
4. UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND FIELD OBSERVATIONS, BUT ARE NOT NECESSARILY EXACT; THEREFORE, UTILITY LOCATION WILL BE VERIFIED AT LEAST 100 FEET IN ADVANCE OF TRENCHING OR PLOWING SO THAT ANY CHANGES IN CABLE PLACEMENT CAN BE MADE IN EVENT OF CONFLICTS.
5. ALL KNOWN BURIED OBSTRUCTIONS ARE SHOWN ON THE CONSTRUCTION DRAWING. ANY AND ALL OTHER ENCOUNTERED ARE ALSO THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE, PROTECT, AND REPAIR IF DAMAGED.
6. ANY AND ALL IMPROVEMENTS, SUCH AS, ASPHALT, OR CONCRETE PAVEMENT, CURBS, GUTTERS, WALKS, DRAINAGE DITCHES, EMBARKMENTS, SHRUBS, TREES, GRASS SOD, ETC., IF DAMAGED, SHALL BE RESTORED TO ORIGINAL OR BETTER CONDITION.
7. EQUIPMENT TYPES SPECIFIED HEREIN (IE. BACKHOE, SWAMP PLOW, ETC.) ARE SUGGESTIONS ONLY AND ARE NOT INTENDED AS REQUIREMENTS. CONTRACTOR WILL BE NOTIFIED AS TO EXCEPTIONS.
8. GENERAL NOTES SHALL APPLY TO ALL DRAWINGS.
9. ALL WORK SHALL COMPLY WITH APPLICABLE LOCAL AND REGULATORY AGENCIES, INCLUDING BUT LIMITED TO OSHA, ETC.
10. THE CONTRACTOR SHALL CONTACT (IF APPLICABLE) THE ADJACENT PROPERTY OWNERS A MINIMUM OF 24 HOURS IN ADVANCE OF CONSTRUCTION AT THE WORK SITE.
11. ALL TRAFFIC CONTROL DEVICES SHALL BE IN PLACE BEFORE WORK IS TO START. DEVICES NO LONGER REQUIRED SHALL BE REMOVED AS SOON AS POSSIBLE.
12. PEDESTRIAN TRAFFIC AREAS MUST BE MAINTAINED AT ALL TIMES. PEDESTRIANS MAY NOT BE REROUTED ONTO PRIVATE PROPERTY.
13. NO EQUIPMENT OR MATERIALS SHALL BE STORED OR PERMITTED TO STAND UNPROTECTED WHERE TRAFFIC IS MAINTAINED.
14. NO EQUIPMENT OR MATERIALS SHALL BE STORED ON ROAD SURFACE DURING NON-WORKING PERIODS.
15. NO EQUIPMENT OR MATERIALS SHALL BE STORED ON SIDEWALK AT ANY TIME.
16. EXCAVATION MATERIAL SHALL BE STORED AWAY FROM THE PAVED ROADWAY. ALL SPILLED MATERIAL IS TO BE PICKED UP IMMEDIATELY.
17. EXISTING SIGNS, DELINEATORS, GUARDRAILS, MARKERS, TREES, SHRUBS, FECES, WALKS, STEPS, ETC. THAT ARE DISTURBED BY THIS CONSTRUCTION SHALL BE REPLACED OR RESTORED TO THEIR ORIGINAL CONDITION OR TO THE SATISFACTION OF THE ENGINEER, PROPERTY OWNER, CITY, COUNTY, STATE, AND/OR OTHER AGENCY HAVING AUTHORITY/JURISDICTION.
18. CITY, COUNTY, STATE ROAD SIGNS, DELINEATORS, GUARDRAILS, ETC. SHALL NOT BE REMOVED.
19. MINIMUM 12 INCH CLEARANCE FROM ALL STRUCTURES UNDERGROUND.
20. IN THE EVENT OF ANY DRIVEWAYS, ANY REQUIRED REMOVAL AND REPLACEMENT, THE MINIMUM THICKNESS OF REPLACEMENT CONCRETE SHALL BE 6 INCHES. DRIVEWAYS WILL BE REPLACED WITH LIKE KIND.

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| 2 | | |
| 1 | | |
| 1 | | |
| NO. | DATE | BY |
| | | END DESIGN |
| | | AS-BUILT |
| 2-2-18 | | REVISION # 1 |
| 11-13-15 | | ORIGINAL |
| | | DRAWING |
| | | CONTRACT |
| Level(3) COMMUNICATIONS | | |
| LEVEL 3 ENGINEER KEITH HALL | | |
| ENGINEERING FIRM GOLDEN FIELD SERVICES | | |
| PROJECT NUMBER: | | |
| LOCATION: FM 1205 WESTPARK EXTENSION - HOUSTON, TX | | |
| DRAWING NAME: | | |
| SHEET 2A OF 31 | | |
| CONFIDENTIAL/PROPRIETARY | | |

GENERAL NOTES 2

GENERAL CONSTRUCTION NOTES

1. WASTEWATER COLLECTION SYSTEMS, WATER LINES, STORM DRAINAGE AND STREET PAVING ARE DESIGNED IN ACCORDANCE WITH THE LATEST EDITION OF THE DOCUMENTS "STANDARD CONSTRUCTION SPECIFICATION FOR WASTEWATER COLLECTION SYSTEMS, WATER LINES, STORM DRAINAGE AND STREET PAVING", "STANDARD CONSTRUCTION DETAILS FOR WASTEWATER COLLECTION SYSTEMS, WATER LINES, STORM DRAINAGE AND STREET PAVING" AND THE "INFRASTRUCTURE DESIGN MANUAL" PUBLISHED BY THE CITY OF HOUSTON, DEPARTMENT OF PUBLIC WORKS AND ENGINEERING (OCTOBER 2011)
2. ALL UTILITIES PRESENTED ON THESE DRAWINGS ARE SHOWN BASED ON THE BEST AVAILABLE INFORMATION. CONTRACTOR SHALL VERIFY IN THE FIELD THE EXACT LOCATIONS OF ALL UTILITIES PRIOR TO COMMENCING CONSTRUCTION. CONTRACTOR SHALL NOTIFY TEXAS ONE-CALL @ 800-545-808 AND HOUSTON'S UTILITY COORDINATING COMMITTEE @ 713-223-4567 AT LEAST 48 HOURS BEFORE PROCEEDING WITH ANY EXCAVATION.
3. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY DAMAGES TO EXISTING WATER, WASTEWATER, STORM WATER, AND TRAFFIC CONTROL DEVICES. ALL DAMAGES SHALL BE REPAIRED IN ACCORDANCE WITH THE CITY OF HOUSTON DEPARTMENT OF PUBLIC WORKS AND ENGINEERING'S "STANDARD CONSTRUCTION SPECIFICATIONS" REFERENCED ABOVE, AT NO COST TO THE CITY OF HOUSTON.
4. CONTRACTOR SHALL NOTIFY THE CITY OF HOUSTON, DEPARTMENT OF PUBLIC WORKS AND ENGINEERING, OFFICE OF THE CITY ENGINEER, 48 HOURS BEFORE STARTING WORK ON THIS PROJECT @ 832-384-9098.
5. 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.
6. CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS TO PROTECT ROOT SYSTEMS OF SHRUBS, PLANTS AND TREES ALONG THE AREA OF EXCAVATION.
7. THE CONTRACTOR SHALL COMPLY WITH THE LATEST EDITION OF OSHA REGULATION AND THE STATE OF TEXAS LAWS CONCERNING EXCAVATION.
8. IF THE CONSTRUCTION DOES NOT BEGIN WITHIN A YEAR AFTER THE PLANS HAVE BEEN SIGNED, NEW SIGNATURES MUST BE OBTAINED AND LETTERS OF AVAILABILITY MUST BE UPDATED.
9. CONTRACTOR SHALL PREPARE A SET OF "AS-BUILT" DRAWINGS SHOWING ANY FIELD CHANGES MADE TO THE APPROVED ENGINEERING PLANS AND SUBMIT TO THE DESIGN CONSULTANT FOR SUBMISSION TO THE CITY ENGINEER.
10. THE PROJECT IS SUBJECT TO THE CITY OF HOUSTON STREET CUT ORDINANCE.

CONTRACTOR NOTE

1. THE INFORMATION SHOWN ON THESE DRAWINGS WAS OBTAINED FROM AVAILABLE PUBLIC CITY INFORMATION. ALL INFORMATION CONCERNING TYPE AND LOCATION OF UNDERGROUND UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATIONS AS TO TYPE AND LOCATION OF UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO. THE CONTRACTOR SHALL VERIFY LOCATION OF UNDERGROUND PIPELINES, CONDUITS AND STRUCTURES BY CONTACTING OWNERS OF UNDERGROUND UTILITIES OR BY EXCAVATING IN ADVANCE OF CONSTRUCTION.
2. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF ALL UTILITIES WHEN AND WHERE THEY FALL IN THE PATH OF CONSTRUCTION.
3. THE CONTRACTOR IS ALSO RESPONSIBLE FOR CONTACTING THE CITY'S UTILITY COORDINATING COMMITTEE @ 713-223-4567 AND TEXAS ONE-CALL @ 800-545-8006 48 FORTY-EIGHT (48) HOURS PRIOR TO ANY CONSTRUCTION.
4. ALL PROPOSED FACILITIES SHALL MAINTAIN 12" CLEARANCE FROM ALL PUBLIC AND PRIVATE UTILITIES.

PROPOSED FACILITIES

1. THE LOCATIONS OF ALL PROPOSED FACILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION BEFORE COMMENCING WORK. CONTRACTOR AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY FAILURE TO EXACTLY LOCATE AND PRESERVE ALL UNDERGROUND UTILITIES.
2. THE CONTRACTOR SHALL CALL AEP TEXAS @ 800-344-8377 A MINIMUM OF 48 HOURS PRIOR TO CONSTRUCTION TO HAVE UNDERGROUND LINES FIELD LOCATED.
3. WHEN EXCAVATING WITHIN EIGHTEEN INCHES (18") OF THE INDICATED LOCATION OF EXISTING FACILITIES, ALL EXCAVATIONS MUST BE ACCOMPLISHED USING NON-MECHANIZED EXCAVATION PROCEDURES. WHEN BORING, THE CONTRACTOR SHALL EXPOSE THE EXISTING FACILITIES.
4. WHEN THE EXISTING FACILITIES ARE EXPOSED, THE CONTRACTOR WILL PROVIDE SUPPORT TO PREVENT DAMAGE TO THE CONDUIT DUCTS OR CABLES. WHEN EXCAVATING NEAR TELEPHONE POLES, THE CONTRACTOR SHALL BRACE THE POLE FOR SUPPORT.
5. THE PRESENCE OR ABSENCE OF EXISTING FACILITIES SHOWN ON THESE PLANS DOES NOT MEAN THAT THERE ARE NO DIRECT BURIED CABLES OR OTHER CABLES IN CONDUIT IN THE AREA.
6. CONTRACTOR TO CONTACT UTILITY OWNER DEPARTMENT FOR DAMAGE PREVENTION IF THERE ARE ANY QUESTIONS ABOUT BORING OR EXCAVATING NEAR EXISTING FACILITIES.

!!WARNING!! OVERHEAD ELECTRIC

OVERHEAD LINES MAY EXIST ON THE PROPERTY. WE HAVE NOT ATTEMPTED TO MARK THOSE LINES SINCE THEY ARE CLEARLY VISIBLE, BUT THE CONTRACTOR 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 REMOVED CALL CENTERPOINT ENERGY @ 713-207-2222.

::CAUTION:: UNDERGROUND GAS

LOCATIONS OF CENTERPOINT ENERGY MAIN LINES (TO INCLUDE CENTERPOINT ENERGY, INTERSTATE PIPELINE LLC WHERE APPLICABLE) ARE SHOWN IN APPROXIMATE LOCATION ONLY. SERVICES LINES ARE NOT USUALLY SHOWN. OUR SIGNATURE ON THESE PLANS ONLY INDICATES THAT OUR FACILITIES ARE SHOWN IN APPROXIMATE LOCATION. IT DOES NOT IMPLY THAT A CONFLICT ANALYSIS HAS BEEN MADE. THE CONTRACTOR SHALL CONTACT THE UTILITY COORDINATION COMMITTEE @ 713-223-4567 OR 800-698-8344 A MINIMUM OF 48 HOURS PRIOR TO CONSTRUCTION TO HAVE MAIN AND SERVICE LINES FIELD LOCATED.

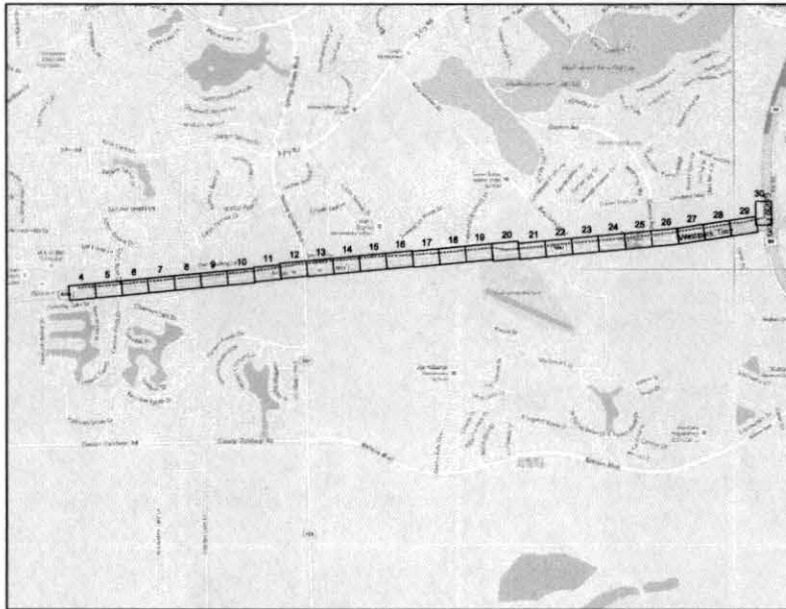
- WHEN CENTERPOINT ENERGY PIPE LINE MARKING ARE NOT VISIBLE, CALL 713-967-8037 (7:00 AM TO 4:30 PM) FOR STATUS OF LINE. LOCATION REQUEST BEFORE EXCAVATION BEGINS.
- WHEN EXCAVATING WITHIN (18") OF INDICATED LOCATION OF CENTERPOINT ENERGY FACILITIES, ALL EXCAVATION MUST BE ACCOMPLISHED USING NON-MECHANIZED EXCAVATION PROCEDURES.
- WHEN CENTERPOINT ENERGY FACILITIES ARE EXPOSED, SUFFICIENT SUPPORT MUST BE PROVIDED TO THE FACILITIES TO PREVENT EXCESSIVE STRESS ON THE PIPING.

THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY DAMAGES CAUSED BY FAILURE TO EXACTLY LOCATE AND PRESERVE THESE UNDERGROUND FACILITIES.

| | | |
|----------|------|--------------|
| NO. | DATE | END DESIGN |
| 1 | | AS-BUILT |
| 2-3-18 | | REVISION # 1 |
| 11-13-15 | | ORIGINAL |
| DRAWING | | CONTRACT |

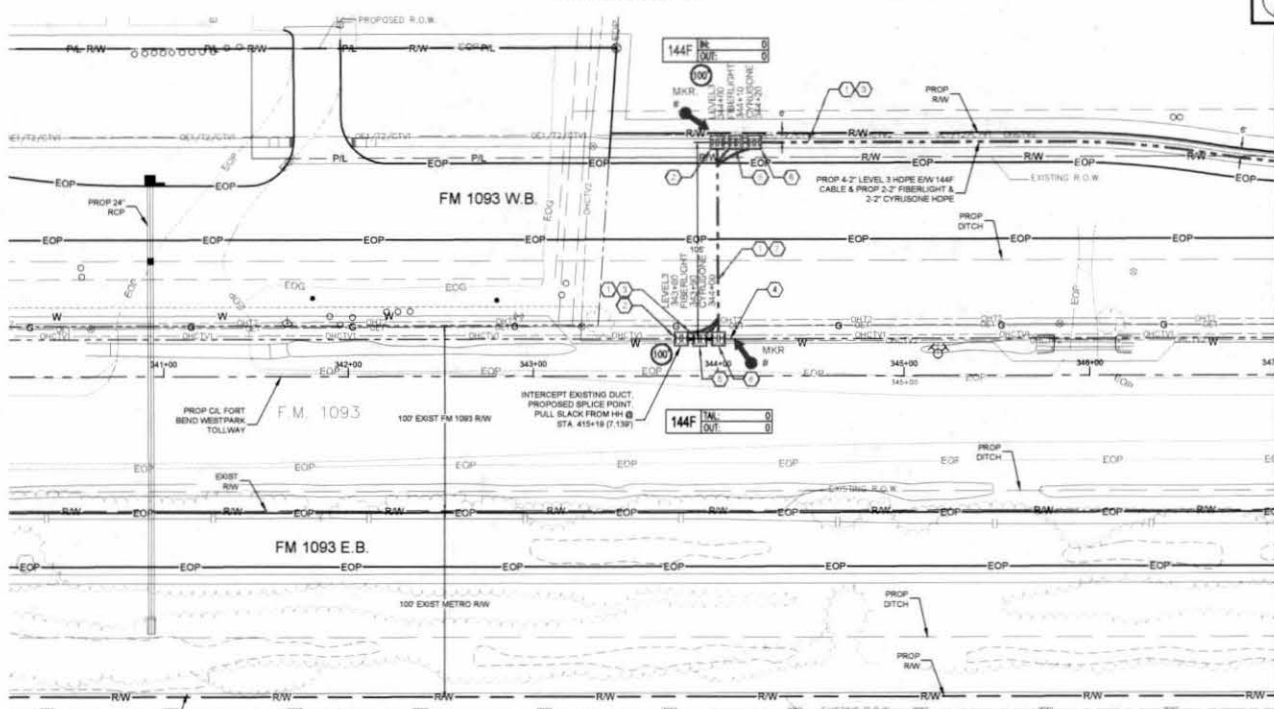
| | |
|---------------------------|--|
| Level(3) | |
| ENGINEERING | |
| LEVEL 3 ENGINEER: | |
| KEITH HALL | |
| ENGINEERING FIRM: | |
| GOLDEN FIELD SERVICES | |
| PROJECT NUMBER: | |
| LOCATION: FR 105 WESTPARK | |
| EXTENSION - HOUSTON, TX | |
| DRAWING NAME: | |
| | |
| | |
| | |
| SHEET 2B OF 31 | |
| CONFIDENTIAL/PROPRIETARY | |

INDEX SHEET



| | | |
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| 31 | | |
| 30 | | |
| 29 | | |
| 28 | | |
| NO. | DATE | ENG. DESIGN |
| 2-2-18 | REVISION # 1 | AS-BUILT |
| 11-15-18 | ORIGINAL | |
| DRAFTING | CONTRACT | |
| Level(3) ENGINEERS | | |
| LEVEL 3 ENGINEER: KEITH HALL | | |
| ENGINEERING FIRM: GOLDEN FIELD SERVICES | | |
| PROJECT NUMBER: | | |
| LOCATION: FM 1083 WESTPARK EXTENSION - HOUSTON, TX | | |
| DRAWING NAME: | | |
| SHEET 3 OF 31 | | |
| CONFIDENTIAL/PROPRIETARY | | |

HOUSTON, TX
FORT BEND COUNTY



SEE SHEET 5 TO MATCH SURVEY STA. 347+00

CONSTRUCTION NOTES

- 1 CONDUIT OWNER LEVELS
CONDUIT LENGTH 455'
CONDUIT STD. 3"
CONDUIT TYPE: HOPE
NOTES: TRENCH 8'-2" DEPTH
- 2 LEVELS INHOLE - 2
COIL 100' 1-144F IN EA MH
- 3 CABLE FIBERS 144F
CABLE OWNER LEVEL 3
CABLE LENGTH 200'
- 4 CABLE FIBERS 144F
CABLE OWNER LEVEL 3
CABLE LENGTH 200'
NOTES: REMOVE 144F CABLE
- 5 FIBERLIGHT INHOLE - 1
- 6 CYRUSONE INHOLE - 2

- CONTRACTOR NOTE
CONTRACTOR MUST SUPPLY
ALL HOPE CONDUITS AS
NOTED BELOW
- 8'-2" HOPE CONFIGURATION
- 4'-2" LEVEL(S)
 - BLACK W/ PURPLE STRIPE
 - BLACK W/ ORANGE STRIPE
 - BLACK W/ GREEN STRIPE
 - BLACK W/ BROWN STRIPE
- 2'-2" FIBERLIGHT
- BLACK W/ RED STRIPE
 - BLACK W/ BLUE STRIPE
- 2'-2" CYRUSONE
- BLACK W/ WHITE STRIPE
 - BLACK W/ GREY STRIPE

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| NO. | DATE | BY | DESIGN |
| 1 | | | |
| 2 | | | |

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|-----|----------|----|--------------|
| NO. | DATE | BY | DESIGN |
| 1 | 2-2-18 | | REVISION # 1 |
| 2 | 11-15-15 | | ORIGINAL |

Level 3
CONCRETE

LEVEL 3 ENGINEER
KEITH HALL

GOLDEN FIELD SERVICES
PROJECT NUMBER:
LOCATION: FM 1093 WESTPARK
EXTENSION - HOUSTON, TX
DRAWING DATE:

SCALE: HOR 1"=50'
SHEET 4 OF 31
CONFIDENTIAL/PROPRIETARY

Page Rate Off - Materials

| Unit Code & Description | Units | Estimated Quantity | Actual Quantity |
|---|-------|--------------------|-----------------|
| MAT-80150 - CONDUIT 8'-2" HOPE SDR-9 | FT | 425 | |
| MAT-80970 - TIER 15 30"x48"x36" - WITH KNOCK-OUTS AND RACKING - INCLUDING COVER | EA | 6 | |
| MAT-82050 - WARNING TAGS AND/OR MARKERS | EA | 2 | |

Page Rate Off - Work Performed

| Unit Code & Description | Units | Estimated Quantity | Actual Quantity |
|--|-------|--------------------|-----------------|
| UGB-30250-S - TRENCH GREATER THAN 1500' TRENCH 48" MINIMUM COVER | FT | 405 | |
| UGB-30140-S - PLACE 1 - HOPE CONDUITS IN OPEN TRENCH UP TO 2" | FT | 405 | |
| UGB-30960-S - PLACE UP TO 288 COUNT FOC IN CONDUIT, UP TO 1500' (200' IN COIL) | EA | 625 | |
| UGB-31270-S - PLACE NEW - 30"x48"x36" - NON-CONCRETE HANDHOLE | EA | 6 | |
| UGB-31050-S - REMOVE AND DISPOSE OF 1-144F CABLE | FT | 300 | |
| UGB-30930-S - INTERCEPT CONDUIT WYE CAST 2" | EA | 1 | |
| UGB-31990-S - PLACE LOCATE MARKER POST | EA | 2 | |
| UGB-30150-S - PLACE ADDITIONAL HOPE IN OPEN TRENCH CONDUIT UP TO 2" | FT | 2,835 | |

UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND FIELD OBSERVATIONS BUT ARE NOT NECESSARILY EXACT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD LOCATE ALL UNDERGROUND OBSTRUCTIONS AND UTILITIES PRIOR TO CONSTRUCTION. COMPLETE REPAIR OF ANY AND ALL DAMAGES INCURRED SHALL BE AT THE EXPENSE OF THE CONTRACTOR.

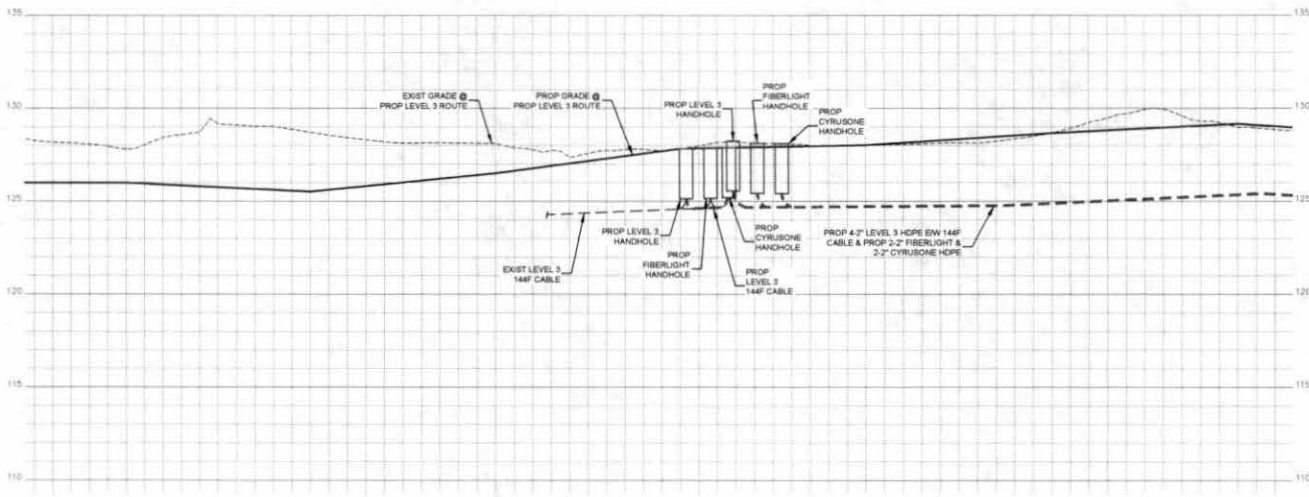


CALL BEFORE YOU DIG
1-800-545-8000
48 HOURS NOTICE REQUIRED

HOUSTON, TX
FORT BEND COUNTY



CONSTRUCTION NOTES



- CONTRACTOR NOTE**
CONTRACTOR MUST SUPPLY ALL HOPE CONDUITS AS NOTED BELOW.
- 8-2\"/>**

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| 3 | | |
| 2 | | |
| 1 | | |
| NO | DATE | ENG. DESIGN |
| 2-2-16 | | REVISED # 1 |
| 11-13-15 | | ORIGINAL |
| DRAFTING | | COMMENT |



LEVEL 3 ENGINEER
KATHI HALL
ENGINEERING FIRM
GOLDEN FIELD SERVICES
PROJECT NUMBER
LOCATION: FM 1593 WESTPARK
EXTENSION - HOUSTON, TX
DRAWING NAME

SCALE: VERT: 1"=8'
SHEET: 4A OF 31
CONFIDENTIAL/PROPRIETARY



UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND FIELD OBSERVATIONS BUT ARE NOT NECESSARILY EXACT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD LOCATE ALL UNDERGROUND OBSTRUCTIONS AND UTILITIES PRIOR TO CONSTRUCTION. COMPLETE REPAIR OF ANY AND ALL DAMAGES INCURRED SHALL BE AT THE EXPENSE OF THE CONTRACTOR.

CALL BEFORE YOU DIG
1-800-545-6005
48 HOURS NOTICE REQUIRED

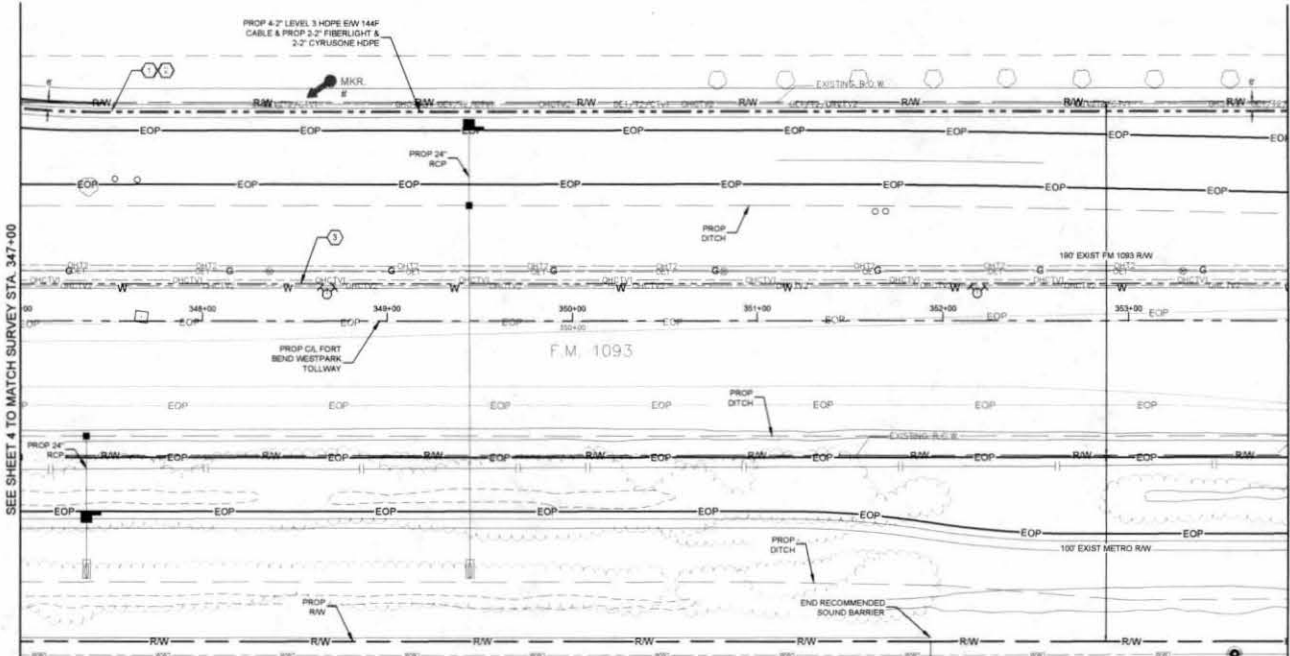
HOUSTON, TX
FORT BEND COUNTY



CONSTRUCTION NOTES

- 1 CONDUIT OWNER: LEVEL 3
CONDUIT LENGTH: 680'
CONDUIT STD: S
CONDUIT SIZE: 2"
CONDUIT TYPE: HDPE
NOTES: TRENCH 8"-2" HDPE
- 2 CABLE FIBERS: 144F
CABLE OWNER: LEVEL 3
CABLE LENGTH: 680'
- 3 CABLE FIBERS: 144F
CABLE OWNER: LEVEL 3
CABLE LENGTH: 680'
NOTES: REMOVE 144F CABLE

- CONTRACTOR NOTE:
CONTRACTOR MUST SUPPLY ALL HDPE CONDUITS AS NOTED BELOW:
8"-2" HDPE CONFIGURATION:
4"-2" (LEVEL 3)
○ BLACK W/ PURPLE STRIPE
○ BLACK W/ ORANGE STRIPE
○ BLACK W/ GREEN STRIPE
○ BLACK W/ BROWN STRIPE
2"-2" FIBERLIGHT
○ BLACK W/ RED STRIPE
○ BLACK W/ BLUE STRIPE
2"-2" CYRUSONE
○ BLACK W/ WHITE STRIPE
○ BLACK W/ GREY STRIPE



SEE SHEET 4 TO MATCH SURVEY STA. 347+00

SEE SHEET 6 TO MATCH SURVEY STA. 353+80

| Page Take Off - Materials | | | |
|---|-------|--------------------|-----------------|
| Unit Code & Description | Units | Estimated Quantity | Actual Quantity |
| MAT-80150 - CONDUIT, 8"-2" HDPE SDR-9 | FT | 680 | |
| MAT-92090 - WARNING TAGS AND/OR MARKERS | EA | 1 | |

| Page Take Off - Work Performed | | | |
|---|-------|--------------------|-----------------|
| Unit Code & Description | Units | Estimated Quantity | Actual Quantity |
| UGB-30050-S - TRENCH GREATER THAN 1500' TRENCH 48" MINIMUM COVER | FT | 680 | |
| UGB-30140-S - PLACE 1 - HDPE CONDUITS IN OPEN TRENCH UP TO 2" | FT | 680 | |
| UGB-30960-S - PLACE UP TO 288 COUNT FOC IN CONDUIT, UP TO 1500' | FT | 680 | |
| UGB-31090-S - REMOVE AND DISPOSE OF 1-144F CABLE | FT | 680 | |
| UGB-31990-S - PLACE LOCATE MARKER POST | EA | 1 | |
| UGB-30150-S - PLACE ADDITIONAL HDPE IN OPEN TRENCH CONDUIT UP TO 2" | FT | 4,780 | |

UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND FIELD OBSERVATIONS BUT ARE NOT NECESSARILY EXACT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD LOCATE ALL UNDERGROUND OBSTRUCTIONS AND UTILITIES PRIOR TO CONSTRUCTION. COMPLETE REPAIR OF ANY AND ALL DAMAGES INCURRED SHALL BE AT THE EXPENSE OF THE CONTRACTOR.



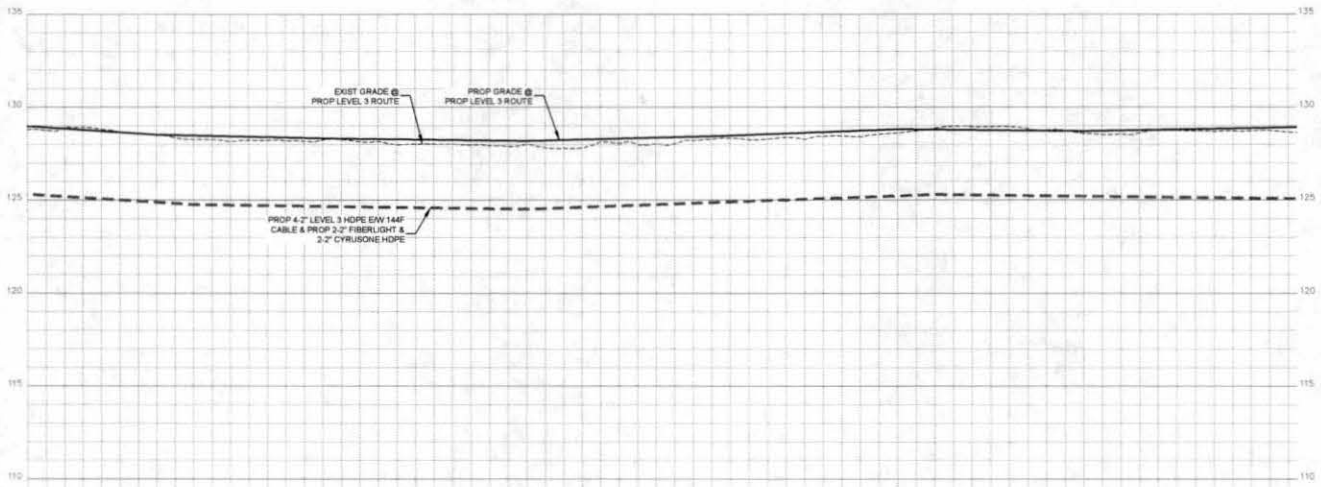
CALL BEFORE YOU DIG
1-800-545-8000
48 HOURS NOTICE REQUIRED

Level(3)
CONSTRUCTORS
LEVEL 3 ENGINEER
KEITH HALL
ENGINEERING FIRM
GOLDEN FIELD SERVICES
PROJECT NUMBER
LOCATION: FM 1093 WESTPARK
EXTENSION - HOUSTON, TX
DRAWING NAME
SCALE: HOR. 1"=40'
SHEET 5 OF 31
CONFIDENTIAL/PROPRIETARY

HOUSTON, TX
FORT BEND COUNTY



CONSTRUCTION NOTES



- CONTRACTOR NOTES**
CONTRACTOR MUST SUPPLY ALL HDPE CONDUITS AS NOTED BELOW:
- 8-2" HDPE CONFIGURATION
 - 4-2" (LEVELS)
 - BLACK W/ PURPLE STRIPE
 - BLACK W/ ORANGE STRIPE
 - BLACK W/ GREEN STRIPE
 - BLACK W/ BROWN STRIPE
 - 2-2" FIBERLIGHT
 - BLACK W/ RED STRIPE
 - BLACK W/ BLUE STRIPE
 - 2-2" CYRUSONE
 - BLACK W/ WHITE STRIPE
 - BLACK W/ GREY STRIPE

| NO. | DATE | BY | DESCRIPTION |
|-----|------|----|-------------|
| 1 | | | |
| 2 | | | |
| 3 | | | |

Level(3)
ENGINEERS

LEVEL 3 ENGINEER
KEITH HALL
ENGINEERING FIRM
GOLDEN FIELD SERVICES

PROJECT NUMBER:
LOCATION: 74150 WESTPARK
EXTENSION - HOUSTON, TX

DRAWING TITLE:

SCALE: VERT 1"=4'
SHEET 5A OF 31
CONFIDENTIAL/PROPRIETARY



UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND FIELD OBSERVATIONS BUT ARE NOT NECESSARILY EXACT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD LOCATE ALL UNDERGROUND OBSTRUCTIONS AND UTILITIES PRIOR TO CONSTRUCTION. COMPLETE REPAIR OF ANY AND ALL DAMAGES INCURRED SHALL BE AT THE EXPENSE OF THE CONTRACTOR.

CALL BEFORE YOU DIG
1-800-545-8005
48 HOURS NOTICE REQUIRED

HOUSTON, TX
FORT BEND COUNTY



CONSTRUCTION NOTES

- 1 CONDUIT OWNER LEVELS
CONDUIT LENGTH 292'
CONDUIT QTY: 5
CONDUIT SIZE: 2"
CONDUIT TYPE: HDPE
NOTES: TRENCH 9'-2" HDPE
- 2 PROPOSED BOREHOLE
- 3 CONDUIT OWNER LEVELS
CONDUIT LENGTH 402'
CONDUIT QTY: 5
CONDUIT SIZE: 2"
CONDUIT TYPE: HDPE
NOTES: BORE 8'-2" HDPE
- 4 CABLE PIBERS: 144F
CABLE OWNER LEVELS
CABLE LENGTH 802'
NOTES: BORE 8'-2" HDPE
- 5 CABLE PIBERS: 144F
CABLE OWNER LEVELS
CABLE LENGTH 802'
NOTES: BORE 144F CABLE

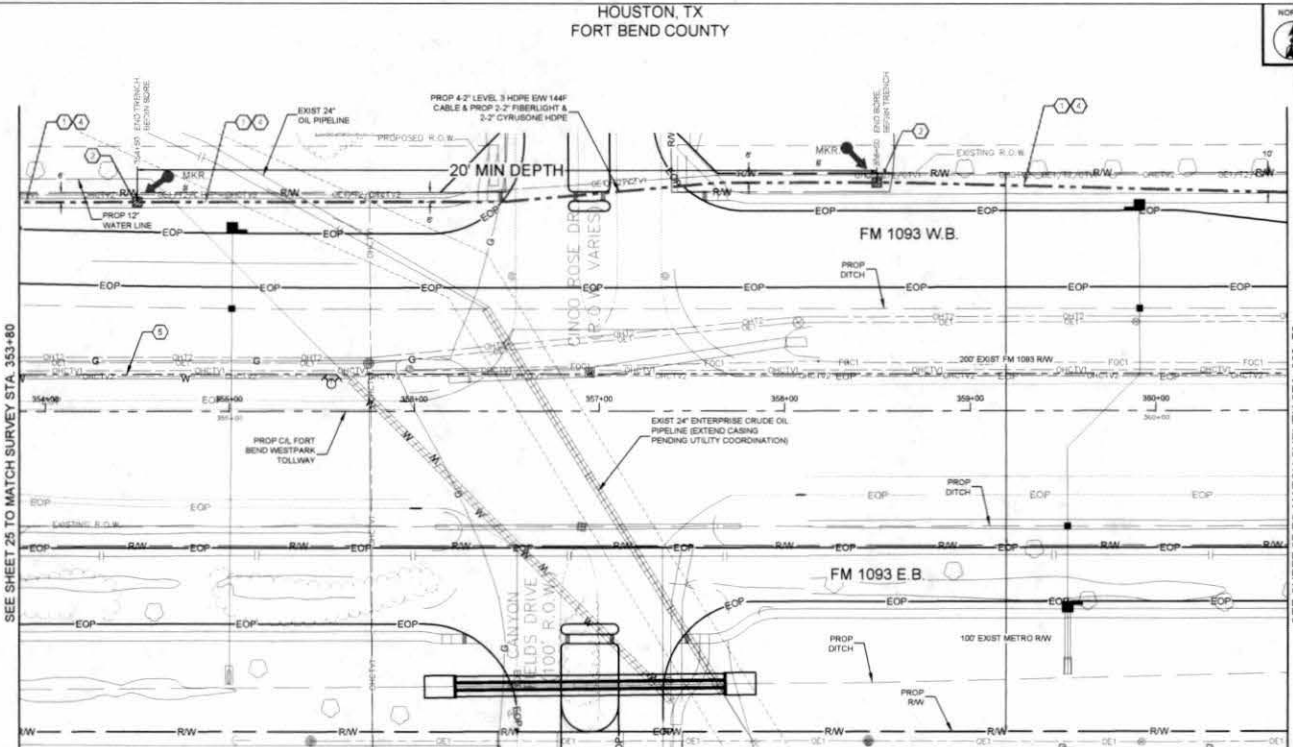
- CONTRACTOR NOTE:
CONTRACTOR MUST SUPPLY
ALL HDPE CONDUITS AS
NOTED BELOW.
- 8'-2" HDPE CONFIGURATION
- 4'-2" LEVELS
 - BLACK W/ PURPLE STRIPE
 - BLACK W/ ORANGE STRIPE
 - BLACK W/ GREEN STRIPE
 - BLACK W/ BROWN STRIPE
 - 2'-2" FIBERLIGHT
 - BLACK W/ RED STRIPE
 - BLACK W/ BLUE STRIPE
 - 2'-2" CYRUSONE
 - BLACK W/ WHITE STRIPE
 - BLACK W/ GREY STRIPE

| NO. | DATE | ENG. DESIGN |
|----------|------|--------------|
| 1 | | AS-BUILT |
| 2 | | REVISION # 1 |
| 3-2-18 | | ORIGINAL |
| 11-13-15 | | ORIGINAL |

Level(3)
ENGINEERING

LEVEL 3 ENGINEER
KEITH HALL
ENGINEERING FIRM
GOLDEN FIELD SERVICES
PROJECT NUMBER:
LOCATION: FM 1093 WESTPARK
EXTENSION - HOUSTON, TX
DRAWING DATE:

SCALE: HOR 1"=50'
SHEET: 6 OF 31
CONFIDENTIAL/PROPRIETARY



SEE SHEET 25 TO MATCH SURVEY STA. 353+80

SEE SHEET 27 TO MATCH SURVEY STA. 360+70

| Page Rate Off - Materials | | | |
|---|-------|--------------------|-----------------|
| Unit Code & Description | Units | Estimated Quantity | Actual Quantity |
| MAT-60150 - CONDUIT 8'-2" HDPE SDR-9 | FT | 690 | |
| MAT-92090 - WARNING TAGS AND/OR MARKERS | EA | 2 | |

| Page Rate Off - Work Performed | | | |
|---|-------|--------------------|-----------------|
| Unit Code & Description | Units | Estimated Quantity | Actual Quantity |
| UGB-30050-S - TRENCH GREATER THAN 1500' TRENCH 48" MINIMUM COVER | FT | 290 | |
| UGB-30140-S - PLACE 1 - HDPE CONDUITS IN OPEN TRENCH UP TO 2" | FT | 290 | |
| UGB-30590-S - DIRECTIONAL BORE GREATER THAN 1500' 1 HDPE CONDUIT UP TO 2" | FT | 400 | |
| UGB-30990-S - PLACE UP TO 288 COUNT FOC IN CONDUIT, UP TO 1500' | FT | 690 | |
| UGB-31640-S - EXCAVATE SMALL PIT 6'X4'X2' | EA | 2 | |
| UGB-31060-S - REMOVE AND DISPOSE OF 1-144F CABLE | FT | 690 | |
| UGB-31990-S - PLACE LOCATE MARKER POST | EA | 2 | |
| UGB-30150-S - PLACE ADDITIONAL HDPE IN OPEN TRENCH CONDUIT UP TO 2" | FT | 2,030 | |
| UGB-30700-S - DIR. BORE GREATER THAN 1500' ADDITIONAL CONDUIT UP TO 2" | FT | 2,800 | |

UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND FIELD OBSERVATIONS BUT ARE NOT NECESSARILY EXACT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD LOCATE ALL UNDERGROUND OBSTRUCTIONS AND UTILITIES PRIOR TO CONSTRUCTION. COMPLETE REPAIR OF ANY AND ALL DAMAGES INCURRED SHALL BE AT THE EXPENSE OF THE CONTRACTOR.

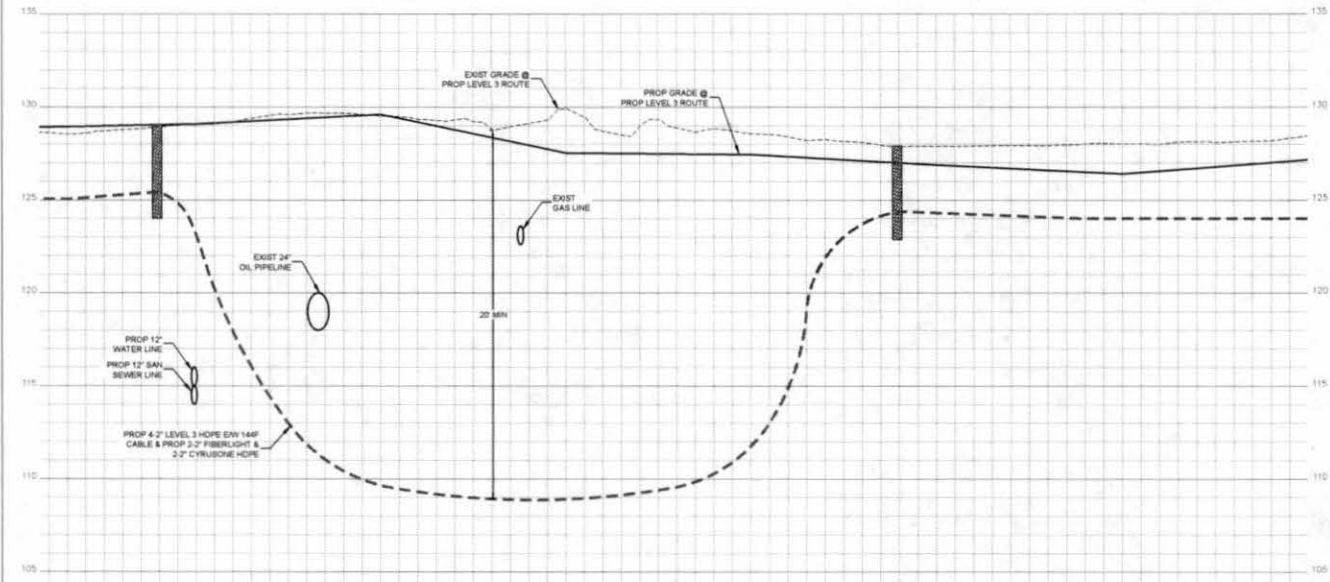


CALL BEFORE YOU DIG
1-800-545-6000
48 HOURS NOTICE REQUIRED

HOUSTON, TX
FORT BEND COUNTY



CONSTRUCTION NOTES



- CONTRACTOR NOTE
CONTRACTOR MUST SUPPLY
ALL HDPE CONDUITS AS
NOTED BELOW.
- 8-2" HDPE CONFIGURATION
- 4-2" LEVEL(D)
- BLACK W/ PURPLE STRIPE
 - BLACK W/ ORANGE STRIPE
 - BLACK W/ BROWN STRIPE
 - BLACK W/ GREY STRIPE
- 2-2" FIBERLIGHT
- BLACK W/ RED STRIPE
 - BLACK W/ BLUE STRIPE
- 3-2" CYRUSONE
- BLACK W/ WHITE STRIPE
 - BLACK W/ GREY STRIPE

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| NO. | DATE | BY | DESCRIPTION |
| 1 | | | AS-BUILT |
| 2-2-18 | | | REVISION # 1 |
| 11-13-15 | | | ORIGINAL |
| | | | DRAWING COMPANY |

Level(3)
COMMUNICATIONS

LEVEL 3 ENGINEER
KEITH HALL

ENGINEERING FIRM
GOLDEN FIELD SERVICES

PROJECT NUMBER
EXTENSION - HOUSTON, TX

DRAWING NAME

SCALE: VERT. 1"=5'

SHEET 8A OF 31

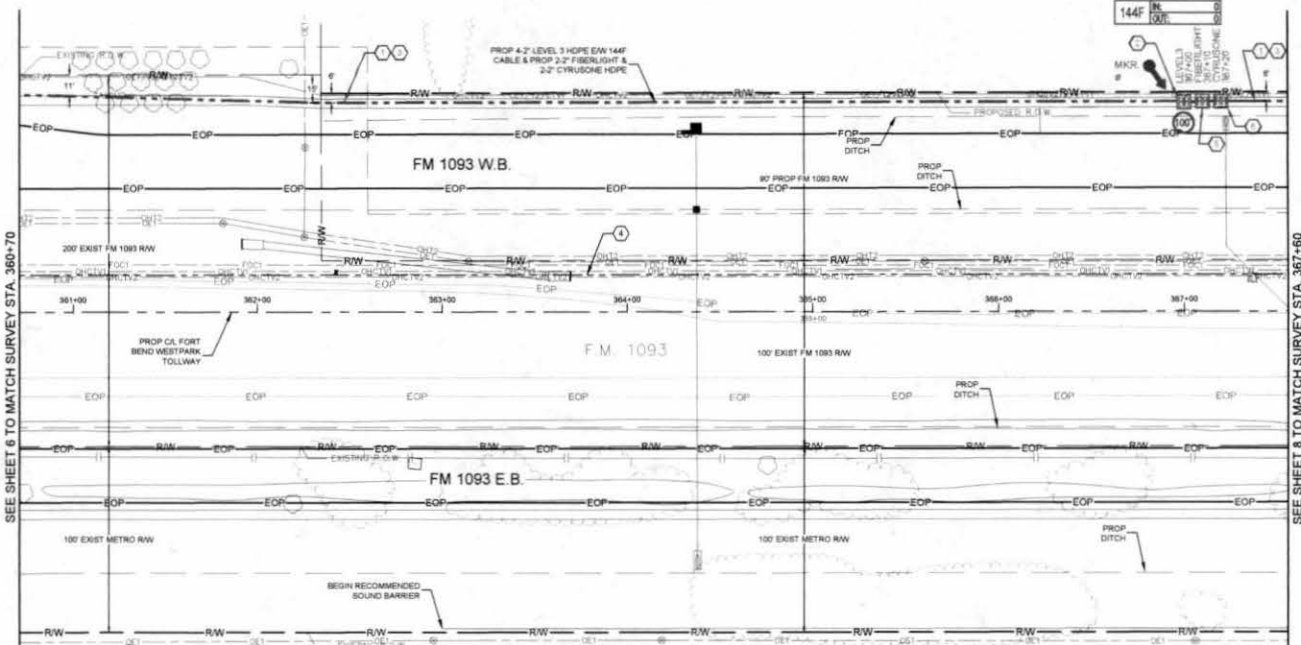
CONFIDENTIAL/PROPRIETARY

UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND FIELD OBSERVATIONS BUT ARE NOT NECESSARILY EXACT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD LOCATE ALL UNDERGROUND OBSTRUCTIONS AND UTILITIES PRIOR TO CONSTRUCTION. COMPLETE REPAIR OF ANY AND ALL DAMAGES INCURRED SHALL BE AT THE EXPENSE OF THE CONTRACTOR.



CALL BEFORE YOU DIG
1-800-545-8005
48 HOURS NOTICE REQUIRED

HOUSTON, TX
FORT BEND COUNTY



CONSTRUCTION NOTES

- 1 CONDUIT OWNER: LEVEL3
CONDUIT LENGTH: 867'
CONDUIT SIZE: 8"
CONDUIT TYPE: HDPE
NOTES: REACH 8'-2" HDPE
- 2 LEVELS: INWALK
COL: 100' 1-144F N 144'
- 3 CABLE: FIBER: 144F
CABLE OWNER: LEVEL3
CABLE LENGTH: 790'
- 4 CABLE: FIBER: 144F
CABLE OWNER: LEVEL3
CABLE LENGTH: 890'
NOTES: REACH 144F CABLE
- 5 FIBERLIGHT: INWALK
- 6 CRUSONE: INWALK

- CONTRACTOR NOTE:
CONTRACTOR MUST SUPPLY
ALL HDPE CONDUITS AS
NOTED BELOW.
- 8-2" HDPE CONFIGURATION
- 4-2" LEVEL(3)
 - BLACK W/ PURPLE STRIPE
 - BLACK W/ ORANGE STRIPE
 - BLACK W/ GREEN STRIPE
 - BLACK W/ BROWN STRIPE
- 2-2" FIBERLIGHT
- BLACK W/ RED STRIPE
 - BLACK W/ BLUE STRIPE
 - BLACK W/ WHITE STRIPE
 - BLACK W/ GREY STRIPE

SEE SHEET 6 TO MATCH SURVEY STA. 360+70

SEE SHEET 8 TO MATCH SURVEY STA. 367+60



CALL BEFORE YOU DIG
1-800-540-6008
48 HOURS NOTICE REQUIRED

UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND FIELD OBSERVATIONS BUT ARE NOT NECESSARILY EXACT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD LOCATE ALL UNDERGROUND OBSTRUCTIONS AND UTILITIES PRIOR TO CONSTRUCTION. COMPLETE REPAIR OF ANY AND ALL DAMAGES INCURRED SHALL BE AT THE EXPENSE OF THE CONTRACTOR.

| Page Break Off - Materials | | | |
|---|-------|--------------------|-----------------|
| Unit Code & Description | Units | Estimated Quantity | Actual Quantity |
| MAT-80150 - CONDUIT 8-2" HDPE SDR-9 | FT | 860 | |
| MAT-80870 - TIER 15 30"x48"x36" - WITH KNOCK-OUTS AND RACKING - INCLUDING COVER | EA | 3 | |
| MAT-92090 - WARNING TAGS AND/OR MARKERS | EA | 1 | |

| Page Break Off - Work Performed | | | |
|---|-------|--------------------|-----------------|
| Unit Code & Description | Units | Estimated Quantity | Actual Quantity |
| UGB-30050-S - TRENCH GREATER THAN 1500' TRENCH 48" MINIMUM COVER | FT | 860 | |
| UGB-30140-S - PLACE 1 - HDPE CONDUITS IN OPEN TRENCH UP TO 2" | FT | 890 | |
| UGB-30960-S - PLACE UP TO 288 COUNT FOC IN CONDUIT UP TO 1500' (100' IN COIL) | FT | 790 | |
| UGB-31270-S - PLACE NEW - 30"x48"x36" - NON-CONCRETE HANDHOLE | EA | 3 | |
| UGB-31090-S - REMOVE AND DISPOSE OF 1-144F CABLE | FT | 600 | |
| UGB-31990-S - PLACE LOCATE MARKER POST | EA | 1 | |
| UGB-30150-S - PLACE ADDITIONAL HDPE IN OPEN TRENCH CONDUIT UP TO 2" | FT | 4,830 | |

Level(3)
CONSTRUCT

LEVEL 3 ENGINEER
KETH HALL

ENGINEERING FIRM
GOLDEN FIELD SERVICES

PROJECT NUMBER:
LOCATION: FM 1093 WESTPARK
EXTENSION - HOUSTON, TX

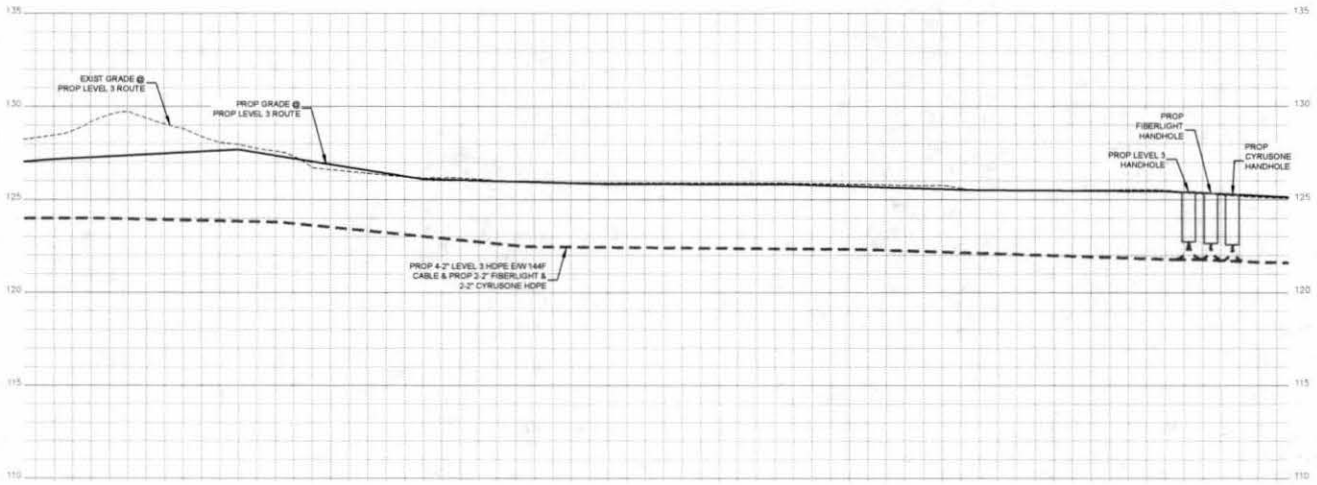
DATE: 08/11/15
SCALE: HOR 1"=50'

SHEET 7 OF 31
CONFIDENTIAL/PROPRIETARY

HOUSTON, TX
FORT BEND COUNTY



CONSTRUCTION NOTES



- CONTRACTOR NOTE:
CONTRACTOR MUST SUPPLY
ALL HOPE CONDUITS AS
NOTED BELOW
- 8-2" HOPE CONFIGURATION
4-2" LEVEL(3)
- BLACK W/ PURPLE STRIPE
 - BLACK W/ ORANGE STRIPE
 - BLACK W/ GREEN STRIPE
 - BLACK W/ BROWN STRIPE
- 3-2" FIBERLIGHT
- BLACK W/ RED STRIPE
 - BLACK W/ BLUE STRIPE
- 3-2" CYRUSONE
- BLACK W/ WHITE STRIPE
 - BLACK W/ GREY STRIPE

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| 1 | | |
| 2 | | |
| NO. | DATE | END DESIGN |
| 2-2-18 | | AS-BUILT |
| 2-2-18 | | REVISION # 1 |
| 11-15-18 | | ORIGINAL |
| DRAWING | | COMMENT |

Level(3)
ENGINEERS

LEVEL 3 ENGINEER
KEITH HALL

ENGINEERING FIRM
GOLDEN FIELD SERVICES

PROJECT NUMBER
LOCATION: FM 1093 WESTPARK
EXTENSION - HOUSTON, TX

DRAWING NUMBER

SCALE: VERT. 1"=2'

SHEET 7A OF 31

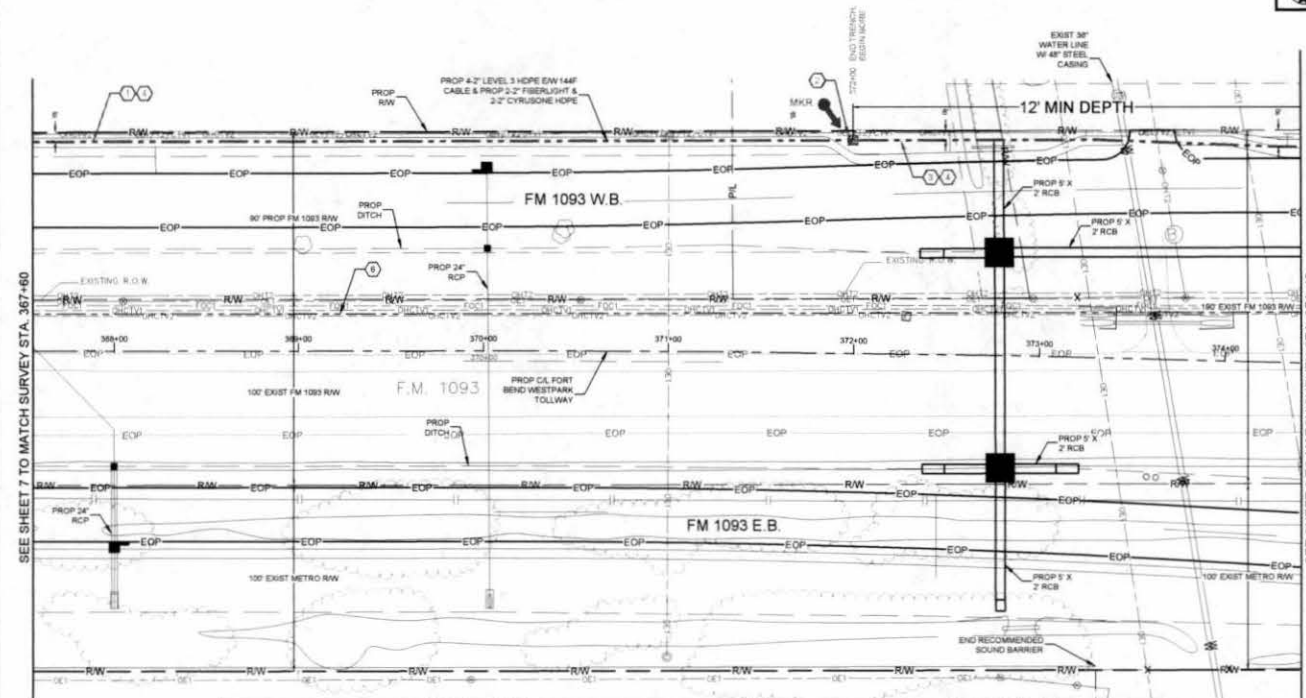
CONFIDENTIAL/PROPRIETARY



CALL BEFORE YOU DIG
1-800-545-4000
48 HOURS NOTICE REQUIRED

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HOUSTON, TX
FORT BEND COUNTY



- CONSTRUCTION NOTES**
- 1 CONDUIT OWNER LEVEL3
CONDUIT LENGTH 447'
CONDUIT QTY: 8
CONDUIT SIZE: 2"
CONDUIT TYPE: HDPE
NOTES: TRENCH 8'-2" HDPE
 - 2 PROPOSED BOREHOLE
 - 3 CONDUIT OWNER LEVEL3
CONDUIT LENGTH 246'
CONDUIT QTY: 8
CONDUIT SIZE: 2"
CONDUIT TYPE: HDPE
NOTES: BORE 8'-2" HDPE
 - 4 CABLE FIBERS: 144F
CABLE OWNER: LEVEL3
CABLE LENGTH: 987'
 - 5 CABLE FIBERS: 144F
CABLE OWNER: LEVEL3
CABLE LENGTH: 987'
NOTES: REMOVE 144F CABLE

- CONTRACTOR NOTE**
CONTRACTOR MUST SUPPLY ALL HDPE CONDUITS AS NOTED BELOW.
- 8'-2" HDPE CONFIGURATION
- 4'-2" LEVEL(S)
 - BLACK W/ PURPLE STRIPE
 - BLACK W/ ORANGE STRIPE
 - BLACK W/ GREEN STRIPE
 - BLACK W/ BROWN STRIPE
 - 2'-2" FIBERLIGHT
 - BLACK W/ RED STRIPE
 - BLACK W/ BLUE STRIPE
 - 2'-2" CYRUSONE
 - BLACK W/ WHITE STRIPE
 - BLACK W/ GREY STRIPE

SEE SHEET 7 TO MATCH SURVEY STA. 367+60

SEE SHEET 9 TO MATCH SURVEY STA. 374+40

Page Take Off - Materials

| Unit Code & Description | Units | Estimated Quantity | Actual Quantity |
|---|-------|--------------------|-----------------|
| MAT-90150 - CONDUIT 8'-2" HDPE SDR-9 | FT | 680 | |
| MAT-92090 - WARNING TAGS AND/OR MARKERS | EA | 1 | |

Page Take Off - Work Performed

| Unit Code & Description | Units | Estimated Quantity | Actual Quantity |
|---|-------|--------------------|-----------------|
| UGB-30050-S - TRENCH GREATER THAN 1500' TRENCH 48" MINIMUM COVER | FT | 440 | |
| UGB-30140-S - PLACE 1 - HDPE CONDUITS IN OPEN TRENCH UP TO 2' | FT | 440 | |
| UGB-30690-S - DIRECTIONAL BORE GREATER THAN 1500' 1 HDPE CONDUIT UP TO 2' | FT | 240 | |
| UGB-30950-S - PLACE UP TO 288 COUNT FOC IN CONDUIT, UP TO 1500' | FT | 680 | |
| UGB-31540-S - EXCAVATE SMALL PIT 6'X4'X3' | EA | 1 | |
| UGB-31650-S - REMOVE AND DISPOSE OF 1-144F CABLE | FT | 680 | |
| UGB-31990-S - PLACE LOCATE MARKER POST | EA | 1 | |
| UGB-30150-S - PLACE ADDITIONAL HDPE IN OPEN TRENCH CONDUIT UP TO 2' | FT | 3,080 | |
| UGB-30700-S - DIR. BORE GREATER THAN 1500' ADDITIONAL CONDUIT UP TO 2' | FT | 1,680 | |

UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND FIELD OBSERVATIONS BUT ARE NOT NECESSARILY EXACT. IT IS THE CONTRACTORS RESPONSIBILITY TO FIELD LOCATE ALL UNDERGROUND OBSTRUCTIONS AND UTILITIES PRIOR TO CONSTRUCTION. COMPLETE REPAIR OF ANY AND ALL DAMAGES INCURRED SHALL BE AT THE EXPENSE OF THE CONTRACTOR.



Level(3)
CONSTRUCTIVISTS

LEVEL 3 ENGINEER
KEITH HILL

ENGINEERING FIRM
GOLDEN FIELD SERVICES

PROJECT NUMBER:
LOCATION: FM 1093 WESTPARK
EXTENSION - HOUSTON, TX

DATE: 11-13-18
REVISION # 1

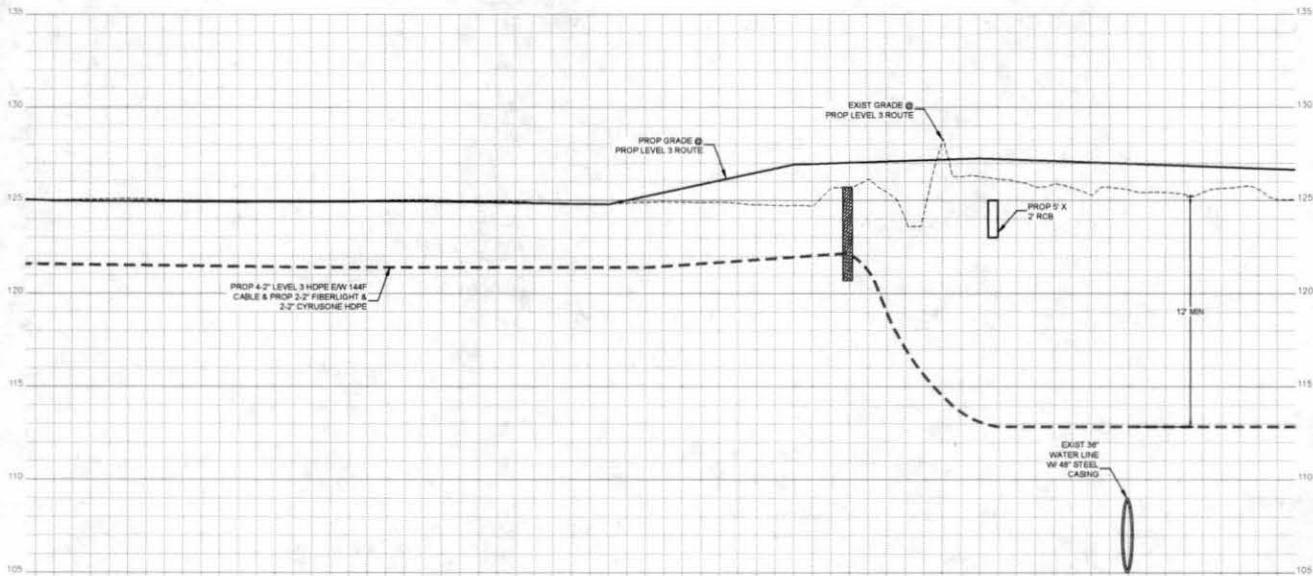
SCALE: HOR 1"=50'

SHEET 8 OF 31
CONFIDENTIAL/PROPRIETARY

HOUSTON, TX
FORT BEND COUNTY



CONSTRUCTION NOTES



- CONTRACTOR NOTE**
CONTRACTOR MUST SUPPLY ALL HDPE CONDUITS AS NOTED BELOW
- 8.2\"/>**

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| NO. | DATE | ENG. DESIGN |
| 1 | | AS-BUILT |
| 2 | 2-2-18 | REVISION # 1 |
| 3 | 11-15-15 | ORIGINAL |
| | | COMMENT |



LEVEL 3 ENGINEER
KEITH HALL
ENGINEERING FIRM
GOLDEN FIELD SERVICES
PROJECT NUMBER
LOCATION: FM 1583 WESTPARK
EXTENSION - HOUSTON, TX
DRAWING NAME

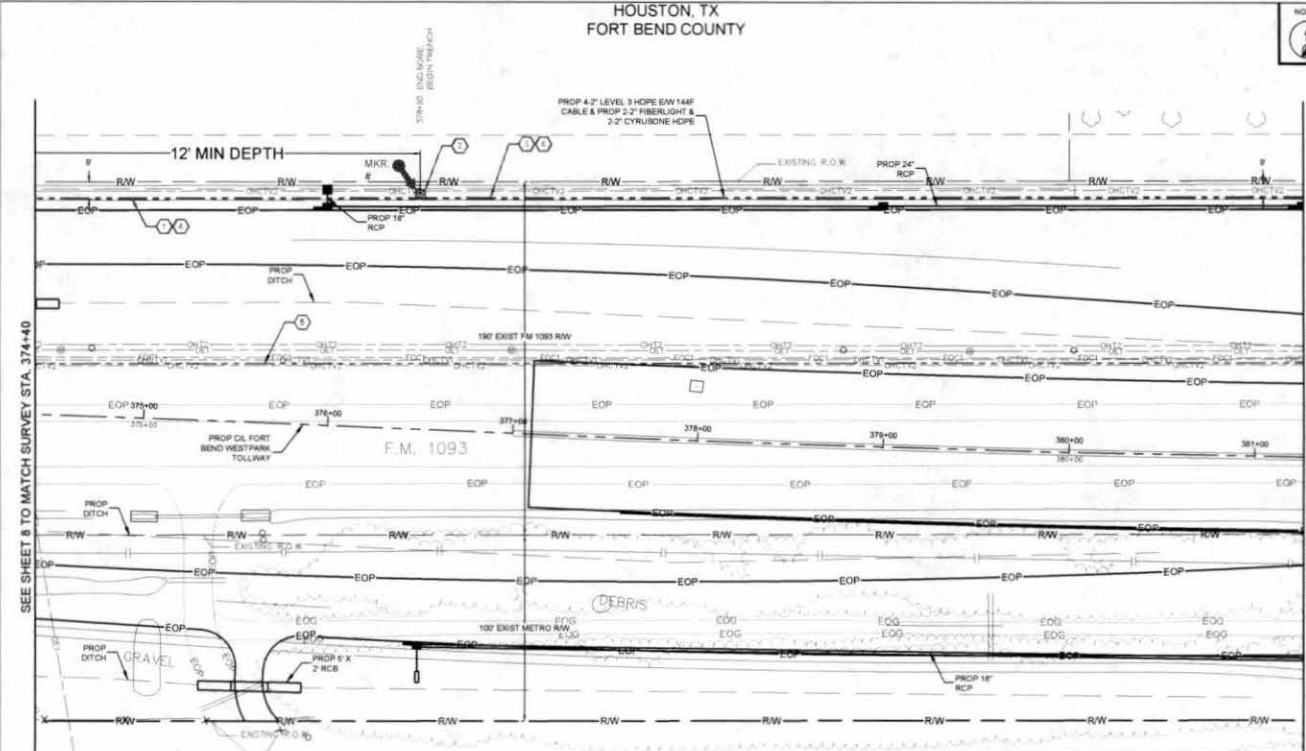
SCALE: VERT: 1"=4'
SHEET: BA OF 31
CONFIDENTIAL/PROPRIETARY

UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND FIELD OBSERVATIONS BUT ARE NOT NECESSARILY EXACT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD LOCATE ALL UNDERGROUND OBSTRUCTIONS AND UTILITIES PRIOR TO CONSTRUCTION. COMPLETE REPAIR OF ANY AND ALL DAMAGES INCURRED SHALL BE AT THE EXPENSE OF THE CONTRACTOR.



CALL BEFORE YOU DIG
1-800-545-6005
48 HOURS NOTICE REQUIRED

HOUSTON, TX
FORT BEND COUNTY



- CONSTRUCTION NOTES**
- CONCRETE OWNER LEVELS
CONCRETE LENGTHS 110'
CONCRETE QTY: 9
CONCRETE SIZE: 2"
CONCRETE TYPE: HDPE
NOTES: BORE 8-2" HDPE
 - PROPOSED BOREPIT
 - CONCRETE OWNER LEVELS
CONCRETE LENGTHS 480'
CONCRETE QTY: 5
CONCRETE SIZE: 2"
CONCRETE TYPE: HDPE
NOTES: TRENCH 8-2" HDPE
 - CABLE FIBERS: 144F
CABLE OWNER: LEVEL3
CABLE LENGTH: 800'
NOTES: REMOVE 144F CABLE
 - CABLE FIBERS: 144F
CABLE OWNER: LEVEL3
CABLE LENGTH: 800'
NOTES: REMOVE 144F CABLE

SEE SHEET 8 TO MATCH SURVEY STA. 374+40

SEE SHEET 10 TO MATCH SURVEY STA. 381+30

Page Raise Off - Materials

| Unit Code & Description | Units | Estimated Quantity | Actual Quantity |
|---|-------|--------------------|-----------------|
| MAT-80150 - CONDUIT, 8-2" HDPE SDR-9 | FT | 890 | |
| MAT-82090 - WARNING TADS AND/OR MARKERS | EA | 1 | |

Page Raise Off - Work Performed

| Unit Code & Description | Units | Estimated Quantity | Actual Quantity |
|---|-------|--------------------|-----------------|
| UGB-30050-S - TRENCH GREATER THAN 1500' TRENCH 48" MINIMUM COVER | FT | 480 | |
| UGB-30140-S - PLACE 1 - HDPE CONDUITS IN OPEN TRENCH UP TO 2" | FT | 480 | |
| UGB-30690-S - DIRECTIONAL BORE GREATER THAN 1500' 1 HDPE CONDUIT UP TO 2" | FT | 210 | |
| UGB-30990-S - PLACE UP TO 288 COUNT' FCC IN CONDUIT, UP TO 1500' | FT | 690 | |
| UGB-31640-S - EXCAVATE SMALL PIT, 6'X4'X3' | EA | 1 | |
| UGB-31060-S - REMOVE AND DISPOSE OF 1-144F CABLE | FT | 690 | |
| UGB-31990-S - PLACE LOCATE MARKER POST | EA | 1 | |
| UGB-30150-S - PLACE ADDITIONAL HDPE IN OPEN TRENCH CONDUIT UP TO 2" | FT | 3,360 | |
| UGB-30700-S - DIR BORE GREATER THAN 1500' ADDITIONAL CONDUIT UP TO 2" | FT | 1,470 | |

UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND FIELD OBSERVATIONS BUT ARE NOT NECESSARILY EXACT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD LOCATE ALL UNDERGROUND OBSTRUCTIONS AND UTILITIES PRIOR TO CONSTRUCTION. COMPLETE REPAIR OF ANY AND ALL DAMAGES INCURRED SHALL BE AT THE EXPENSE OF THE CONTRACTOR.



CONTRACTOR NOTE
CONTRACTOR MUST SUPPLY ALL HDPE CONDUITS AS NOTED BELOW.
8-2" HDPE CONFIGURATION:
4-2" LEVEL(3)
○ BLACK W/ PURPLE STRIPE
○ BLACK W/ ORANGE STRIPE
○ BLACK W/ GREEN STRIPE
○ BLACK W/ BROWN STRIPE
○ 2-2" FIBERLIGHT
○ BLACK W/ RED STRIPE
○ BLACK W/ BLUE STRIPE
○ 2-2" CYRUSONE
○ BLACK W/ WHITE STRIPE
○ BLACK W/ GREY STRIPE

Level(3)
CONCRETE

LEVEL 3 ENGINEER:
KETH HALL

ENGINEERING FIRM:
GOLDEN FIELD SERVICES

PROJECT NUMBER:
LOCATION: FM 1093 WESTPARK
EXTENSION - HOUSTON, TX

DRAWING NUMBER:

SCALE: HOR: 1"=50'

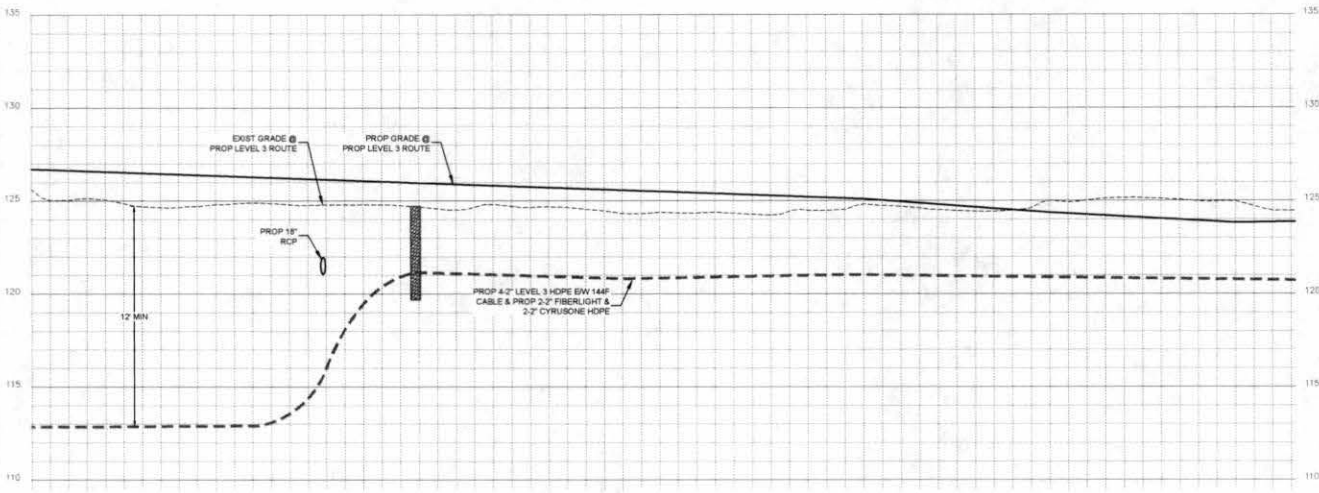
SHEET 9 OF 31

CONFIDENTIAL/PROPRIETARY

HOUSTON, TX
FORT BEND COUNTY



CONSTRUCTION NOTES



CONTRACTOR NOTE
CONTRACTOR MUST SUPPLY
ALL HDPE CONDUITS AS
NOTED BELOW

- 8-2" HDPE CONFIGURATION
- 4-2" (LEVEL 3)
- BLACK W/ PURPLE STRIPE
 - BLACK W/ ORANGE STRIPE
 - BLACK W/ GREEN STRIPE
 - BLACK W/ BROWN STRIPE
- 2-2" FIBERLIGHT
- BLACK W/ RED STRIPE
 - BLACK W/ BLUE STRIPE
 - 2-2" CYRUSONE
 - BLACK W/ WHITE STRIPE
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| 11-13-15 | ORIGINAL | |
| | DRAWING COMMENT | |

Level(3)
CONSULTANTS

LEVEL 3 ENGINEER
KEITH HILL
ENGINEERING FIRM
GOLDEN FIELD SERVICES
PROJECT NUMBER
LOCATION: FM 1003 WESTPARK
EXTENSION - HOUSTON, TX
DRAWING DATE

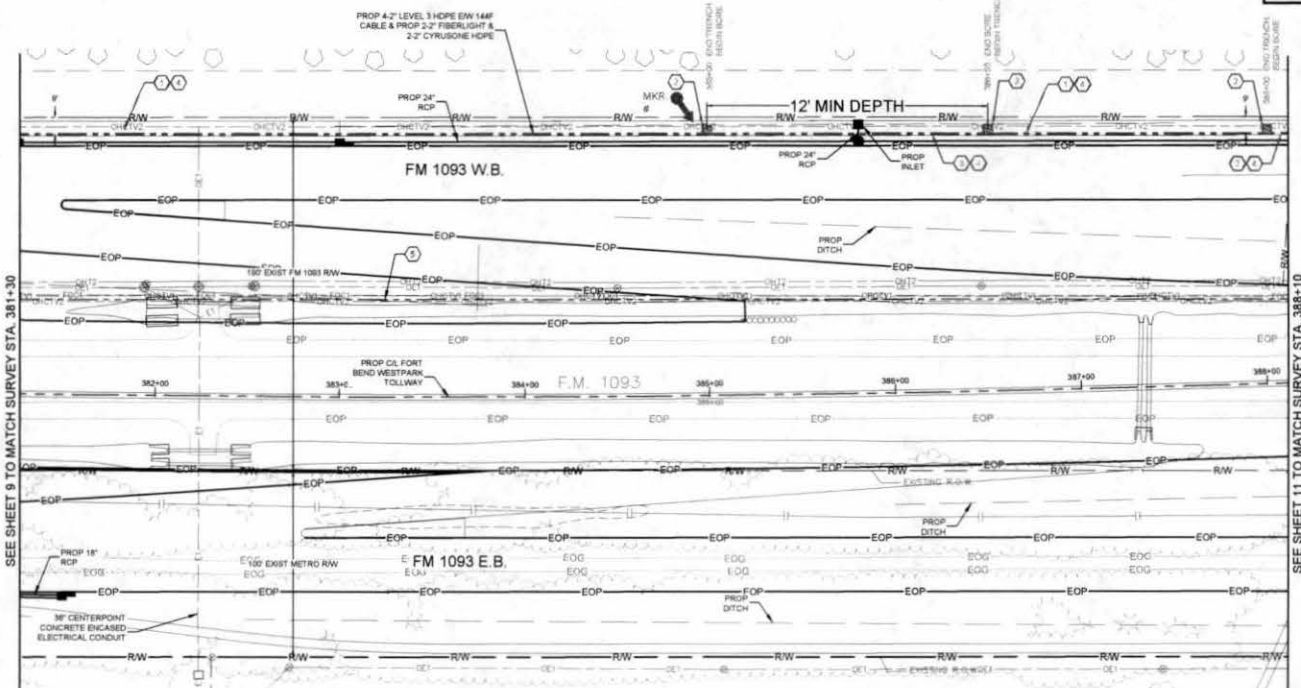
SCALE: VERT: 1"=8'
SHEET 9A OF 31
CONFIDENTIAL/PROPRIETARY

UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND FIELD OBSERVATIONS BUT ARE NOT NECESSARILY EXACT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD LOCATE ALL UNDERGROUND OBSTRUCTIONS AND UTILITIES PRIOR TO CONSTRUCTION. COMPLETE REPAIR OF ANY AND ALL DAMAGES INCURRED SHALL BE AT THE EXPENSE OF THE CONTRACTOR



CALL BEFORE YOU DIG
1-800-545-6005
48 HOURS NOTICE REQUIRED

HOUSTON, TX
FORT BEND COUNTY



- CONSTRUCTION NOTES**
- CONCRETE OWNER LEVELS
CONDUIT LENGTH: 500'
CONDUIT QTY: 8
CONCRETE SIZE: 2"
CONDUIT TYPE: HDPE
NOTES: TRENCH 8'-2" HDPE
 - PROPOSED BORE
 - CONCRETE OWNER LEVELS
CONCRETE LENGTH: 140'
CONDUIT QTY: 8
CONCRETE SIZE: 2"
CONDUIT TYPE: HDPE
NOTES: BORE 8'-2" HDPE
 - CABLE FIBERS: 144F
CABLE OWNER: LEVEL3
CABLE LENGTH: 800'
 - CABLE FIBERS: 144F
CABLE OWNER: LEVEL3
CABLE LENGTH: 800'
NOTES: REMOVE 144F CABLE

SEE SHEET 9 TO MATCH SURVEY STA. 381+30

SEE SHEET 11 TO MATCH SURVEY STA. 388+10

Page Rate Off - Materials

| Unit Code & Description | Units | Estimate Quantity | Actual Quantity |
|---|-------|-------------------|-----------------|
| MAT-90150 - CONDUIT 8-2" HDPE SDR-8 | FT | 880 | |
| MAT-92090 - WARNING TAGS AND/OR MARKERS | EA | 1 | |

Page Rate Off - Work Performed

| Unit Code & Description | Units | Estimate Quantity | Actual Quantity |
|---|-------|-------------------|-----------------|
| UGB-30050-S - TRENCH GREATER THAN 1500' TRENCH 48" MINIMUM COVER | FT | 520 | |
| UGB-30140-S - PLACE 1 - HDPE CONDUITS IN OPEN TRENCH UP TO 2" | FT | 520 | |
| UGB-30580-S - DIRECTIONAL BORE GREATER THAN 1500' 1 HDPE CONDUIT UP TO 2" | FT | 160 | |
| UGB-30960-S - PLACE UP TO 288 COUNT FOC IN CONDUIT, UP TO 1500' | FT | 680 | |
| UGB-31640-S - EXCAVATE SMALL PIT - 6'X4'X3' | EA | 3 | |
| UGB-31080-S - REMOVE AND DISPOSE OF 1-144F CABLE | FT | 880 | |
| UGB-31980-S - PLACE LOCATE MARKER POST | EA | 1 | |
| UGB-30150-S - PLACE ADDITIONAL HDPE IN OPEN TRENCH CONDUIT UP TO 2" | FT | 3,640 | |
| UGB-30780-S - DR. BORE GREATER THAN 1500' ADDITIONAL CONDUIT UP TO 2" | FT | 1,120 | |

UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND FIELD OBSERVATIONS BUT ARE NOT NECESSARILY EXACT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD LOCATE ALL UNDERGROUND OBSTRUCTIONS AND UTILITIES PRIOR TO CONSTRUCTION. COMPLETE REPAIR OF ANY AND ALL DAMAGES INCURRED SHALL BE AT THE EXPENSE OF THE CONTRACTOR.



CALL BEFORE YOU DIG
1-800-545-8000
48 HOURS NOTICE REQUIRED

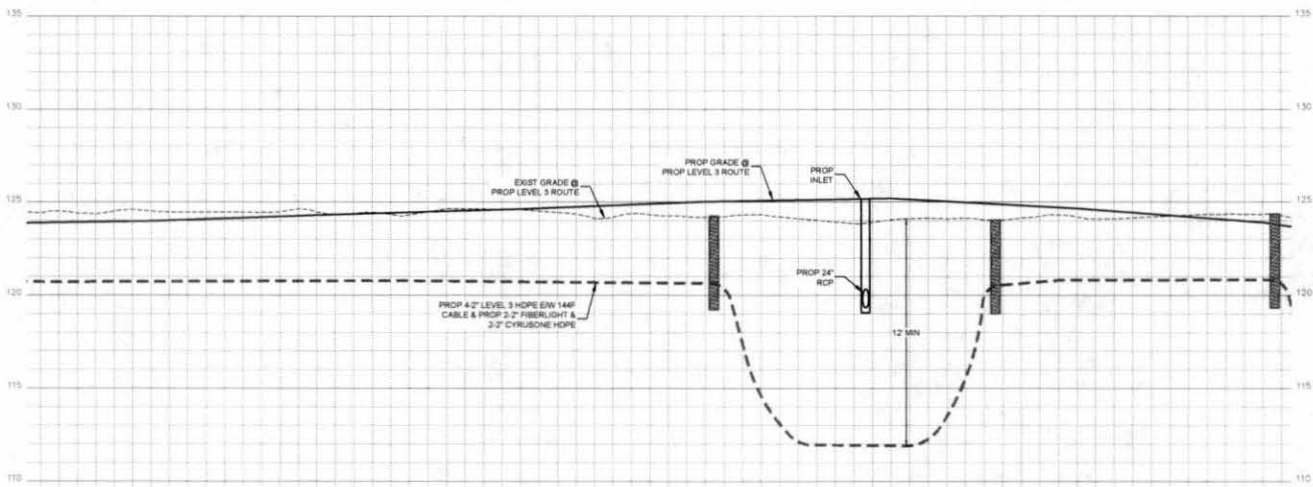
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Level 3
 ENGINEERING FIRM
 GOLDEN FIELD SERVICES
 PROJECT NUMBER:
 LOCATION: FM 1093 WESTPARK
 EXTENSION - HOUSTON, TX
 DRAWING NAME:
 SCALE: HOR 1"=50'
 SHEET 10 OF 31
 CONFIDENTIAL/PROPRIETARY

HOUSTON, TX
FORT BEND COUNTY



CONSTRUCTION NOTES



- CONTRACTOR NOTE:
CONTRACTOR MUST SUPPLY
ALL HDPE CONDUITS AS
NOTED BELOW
- 8-2" HDPE CONFIGURATION
- 4-2" LEVEL(3)
- BLACK W/ PURPLE STRIPE
 - BLACK W/ ORANGE STRIPE
 - BLACK W/ GREEN STRIPE
 - BLACK W/ BROWN STRIPE
- 2-2" FIBERLIGHT
- BLACK W/ RED STRIPE
 - BLACK W/ BLUE STRIPE
- 2-2" CYRUSONE
- BLACK W/ WHITE STRIPE
 - BLACK W/ GREY STRIPE

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Level(3)
CORPORATION

LEVEL 3 ENGINEER
KEITH HILL

ENGINEERING FIRM
GOLDEN FIELD SERVICES

PROJECT NUMBER
LOCATION: FM 1093 WESTPARK
EXTENSION - HOUSTON, TX

DRAWING NAME

SCALE: VERT: 1"=4'

SHEET 10A OF 31

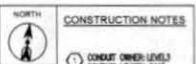
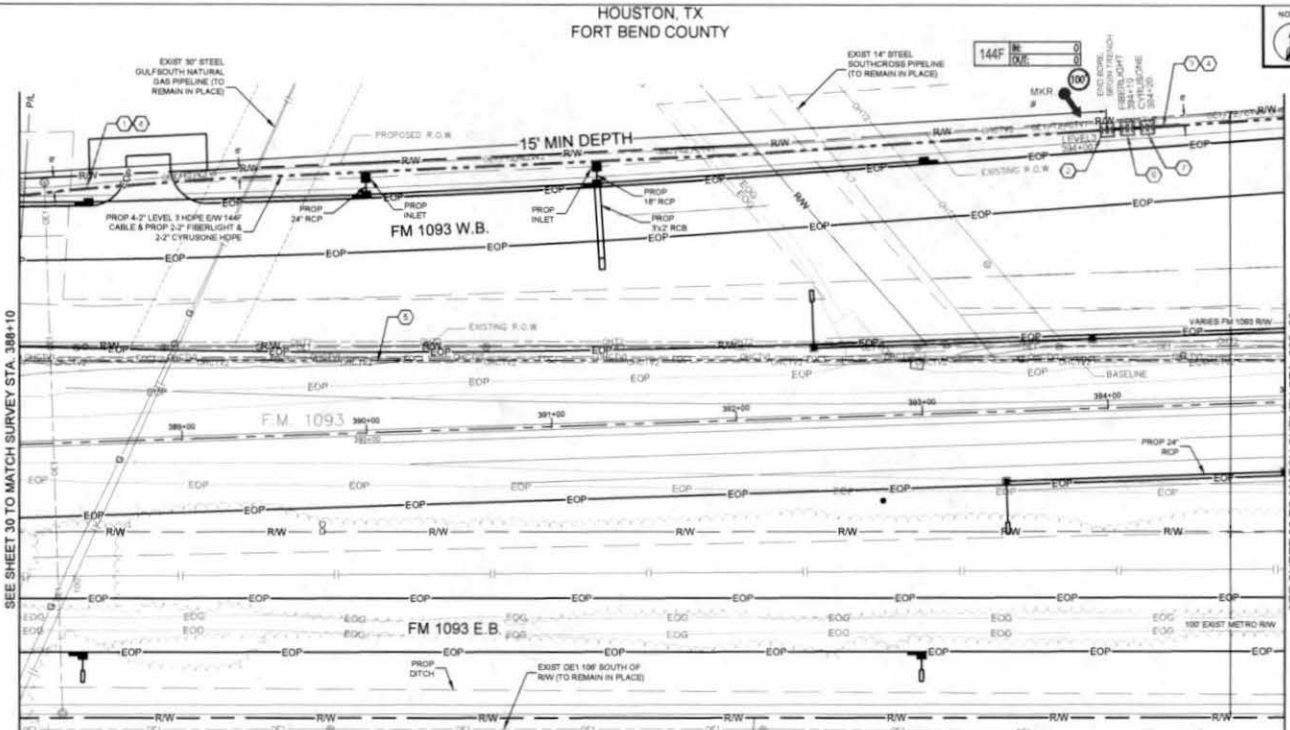
CONFIDENTIAL/PROPRIETARY



UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND FIELD OBSERVATIONS BUT ARE NOT NECESSARILY EXACT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD LOCATE ALL UNDERGROUND OBSTRUCTIONS AND UTILITIES PRIOR TO CONSTRUCTION. COMPLETE REPAIR OF ANY AND ALL DAMAGES INCURRED SHALL BE AT THE EXPENSE OF THE CONTRACTOR.

CALL BEFORE YOU DIG
1-800-545-8005
48 HOURS NOTICE REQUIRED

HOUSTON, TX
FORT BEND COUNTY



- CONSTRUCTION NOTES**
- CONDUIT OWNER: LEVEL 3
CONDUIT LENGTH: 150'
CONDUIT SIZE: 8"
CONDUIT TYPE: HDPE
NOTES: BORE 8-2" HDPE
 - LEVEL 3 UNVEHICLE
CONDUIT LENGTH: 150'
CONDUIT SIZE: 8"
CONDUIT TYPE: HDPE
NOTES: BORE 8-2" HDPE
 - CONDUIT OWNER: LEVEL 3
CONDUIT LENGTH: 150'
CONDUIT SIZE: 8"
CONDUIT TYPE: HDPE
NOTES: BORE 8-2" HDPE
 - CABLE FRIBOS: 144F
CABLE OWNER: LEVEL 3
CABLE LENGTH: 70'
 - CABLE FRIBOS: 144F
CABLE OWNER: LEVEL 3
CABLE LENGTH: 60'
 - FRIBOS UNVEHICLE
 - CYRUSONE UNVEHICLE

- CONTRACTOR NOTE**
CONTRACTOR MUST SUPPLY ALL HDPE CONDUITS AS NOTED BELOW
- 8-2" HDPE CONFIGURATION
 - 4-2" LEVEL 3
 - BLACK W/ PURPLE STRIPE
 - BLACK W/ ORANGE STRIPE
 - BLACK W/ GREEN STRIPE
 - BLACK W/ BROWN STRIPE
 - 2-2" FIBERLIGHT
 - BLACK W/ RED STRIPE
 - BLACK W/ BLUE STRIPE
 - 2-2" CYRUSONE
 - BLACK W/ WHITE STRIPE
 - BLACK W/ GREY STRIPE

SEE SHEET 30 TO MATCH SURVEY STA. 388+10

SEE SHEET 32 TO MATCH SURVEY STA. 395+00

| Page Break Off - Materials | | | |
|--|-------|--------------------|-----------------|
| Unit Code & Description | Units | Estimated Quantity | Actual Quantity |
| MAT-80150 - CONDUIT 8-2" HDPE SDR 9 | FT | 690 | |
| MAT-30270 - TIER 15 30"x40"x3" - WITH KNOCK-OUTS AND RACKING - INCLUDING COVER | EA | 3 | |
| MAT-92250 - WARNING TAGS AND/OR MARKERS | EA | 1 | |

| Page Break Off - Work Performed | | | |
|---|-------|--------------------|-----------------|
| Unit Code & Description | Units | Estimated Quantity | Actual Quantity |
| UGB-30050-S - TRENCH GREATER THAN 1500' TRENCH 48" MINIMUM COVER | FT | 100 | |
| UGB-30140-S - PLACE 1 - HDPE CONDUITS IN OPEN TRENCH UP TO 2" | FT | 100 | |
| UGB-30390-S - DIRECTIONAL BORE GREATER THAN 1500' 1-HDPE CONDUIT UP TO 2" | FT | 590 | |
| UGB-30960-S - PLACE UP TO 288 COUNT FOC IN CONDUIT UP TO 1500' (100' IN COIL) | FT | 790 | |
| UGB-31270-S - PLACE NEW - 30"x40"x3" - NON-CONCRETE HANDHOLE | EA | 3 | |
| UGB-31050-S - REMOVE AND DISPOSE OF 1-144F CABLE | FT | 690 | |
| UGB-31990-S - PLACE LOCATE MARKER POST | EA | 1 | |
| UGB-30150-S - PLACE ADDITIONAL HDPE IN OPEN TRENCH CONDUIT UP TO 2" | FT | 700 | |
| UGB-30700-S - DIR. BORE GREATER THAN 1500' ADDITIONAL CONDUIT UP TO 2" | FT | 4130 | |



CALL BEFORE YOU DIG
1-800-545-6000
48 HOURS NOTICE REQUIRED

UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND FIELD OBSERVATIONS BUT ARE NOT NECESSARILY EXACT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD LOCATE ALL UNDERGROUND OBSTRUCTIONS AND UTILITIES PRIOR TO CONSTRUCTION. COMPLETE REPAIR OF ANY AND ALL DAMAGES INCURRED SHALL BE AT THE EXPENSE OF THE CONTRACTOR.

Level 3
ENGINEERS

LEVEL 3 ENGINEER
KEITH HALL
ENGINEERING FIRM
GOLDEN FIELD SERVICES

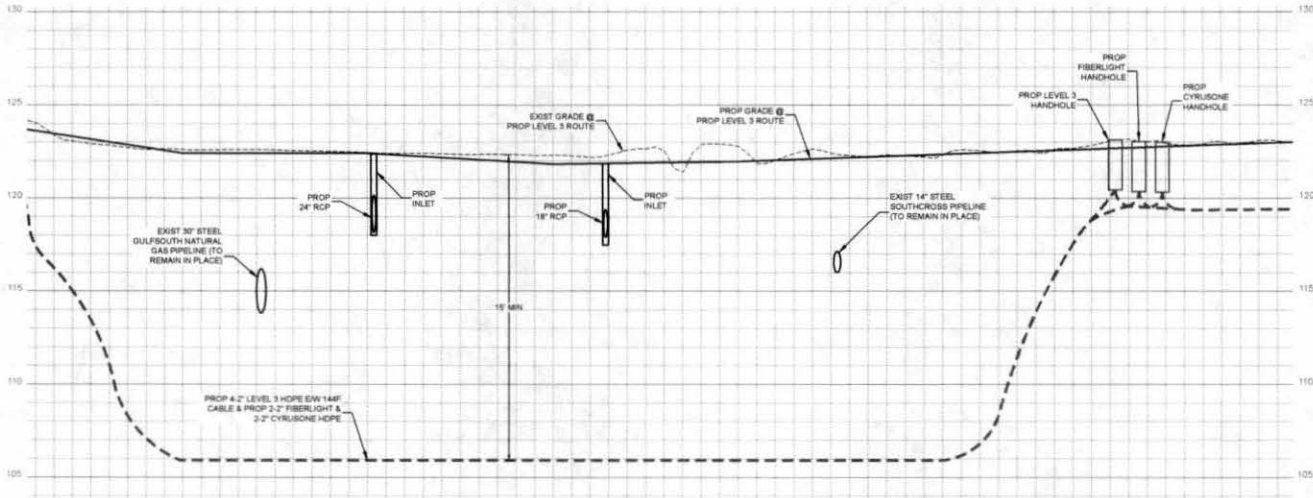
PROJECT NUMBER:
LOCATION: FM 1093 WESTPARK
EXTENSION - HOUSTON, TX

DRAWING DATE:
SCALE: HOR. 1"=50'
SHEET 11 OF 31
CONFIDENTIAL/PROPRIETARY

HOUSTON, TX
FORT BEND COUNTY



CONSTRUCTION NOTES



- CONTRACTOR NOTE:**
CONTRACTOR MUST SUPPLY ALL HOPE CONDUITS AS NOTED BELOW.
- 8-2" HOPE CONFIGURATION
 - 4-7" LEVEL(S)
 - BLACK W/ PURPLE STRIPE
 - BLACK W/ ORANGE STRIPE
 - BLACK W/ GREEN STRIPE
 - BLACK W/ BROWN STRIPE
 - 2-2" FIBERLIGHT
 - BLACK W/ RED STRIPE
 - BLACK W/ BLUE STRIPE
 - 3-2" CYRUSONE
 - BLACK W/ WHITE STRIPE
 - BLACK W/ GREY STRIPE

| NO. | DATE | ENG. DESIGN |
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| NO. | DATE | REVISION # | COMMENT |
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| 2-2-18 | | 1 | |
| 11-13-18 | | ORIGINAL | |

Level(3)
COMMUNICATIONS

LEVEL 3 ENGINEER
KEITH HALL
ENGINEERING FIRM
GOLDEN FIELD SERVICES

PROJECT NUMBER
LOCATION: 194 088 WESTPARK
EXTENSION, HOUSTON, TX

DRAWING NAME

UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND FIELD OBSERVATIONS BUT ARE NOT NECESSARILY EXACT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD LOCATE ALL UNDERGROUND OBSTRUCTIONS AND UTILITIES PRIOR TO CONSTRUCTION. COMPLETE REPAIR OF ANY AND ALL DAMAGES INCURRED SHALL BE AT THE EXPENSE OF THE CONTRACTOR.



CALL BEFORE YOU DIG
1-800-545-8000
48 HOURS NOTICE REQUIRED

SCALE: VERT 1"=5'
SHEET 11A OF 31
CONFIDENTIAL/PROPRIETARY

HOUSTON, TX
FORT BEND COUNTY



CALL BEFORE YOU DIG
1-800-465-8005
48 HOURS NOTICE REQUIRED



CONSTRUCTION NOTES

- 1 CONDUIT OWNER LEVELS
CONDUIT LENGTH 400'
CONDUIT QTY: 8
CONDUIT SIZE: 2"
CONDUIT TRENCH DEPTH
NOTES: TRENCH 8-2' DEPTH
- 2 CONDUIT OWNER LEVELS
CONDUIT LENGTH 200'
CONDUIT QTY: 8
CONDUIT SIZE: 2"
CONDUIT TRENCH DEPTH
NOTES: SORE 8-2' DEPTH
- 3 CABLE FIBERS: 144F
CABLE OWNER LEVELS
CABLE LENGTH 800'
- 4 CABLE FIBERS: 144F
CABLE OWNER LEVELS
CABLE LENGTH 800'
NOTES: REMOVE 144F CABLE

- CONTRACTOR NOTE:
CONTRACTOR MUST SUPPLY
ALL HOPE CONDUITS AS
NOTED BELOW:
- 8-2" HOPE CONFIGURATION
 - 4-2" LEVEL(S)
 - BLACK W/ PURPLE STRIPE
 - BLACK W/ ORANGE STRIPE
 - BLACK W/ GREEN STRIPE
 - BLACK W/ BROWN STRIPE
 - 2-2" FIBERLIGHT
 - BLACK W/ RED STRIPE
 - BLACK W/ BLUE STRIPE
 - 2-2" CYRUSONE
 - BLACK W/ WHITE STRIPE
 - BLACK W/ GREY STRIPE

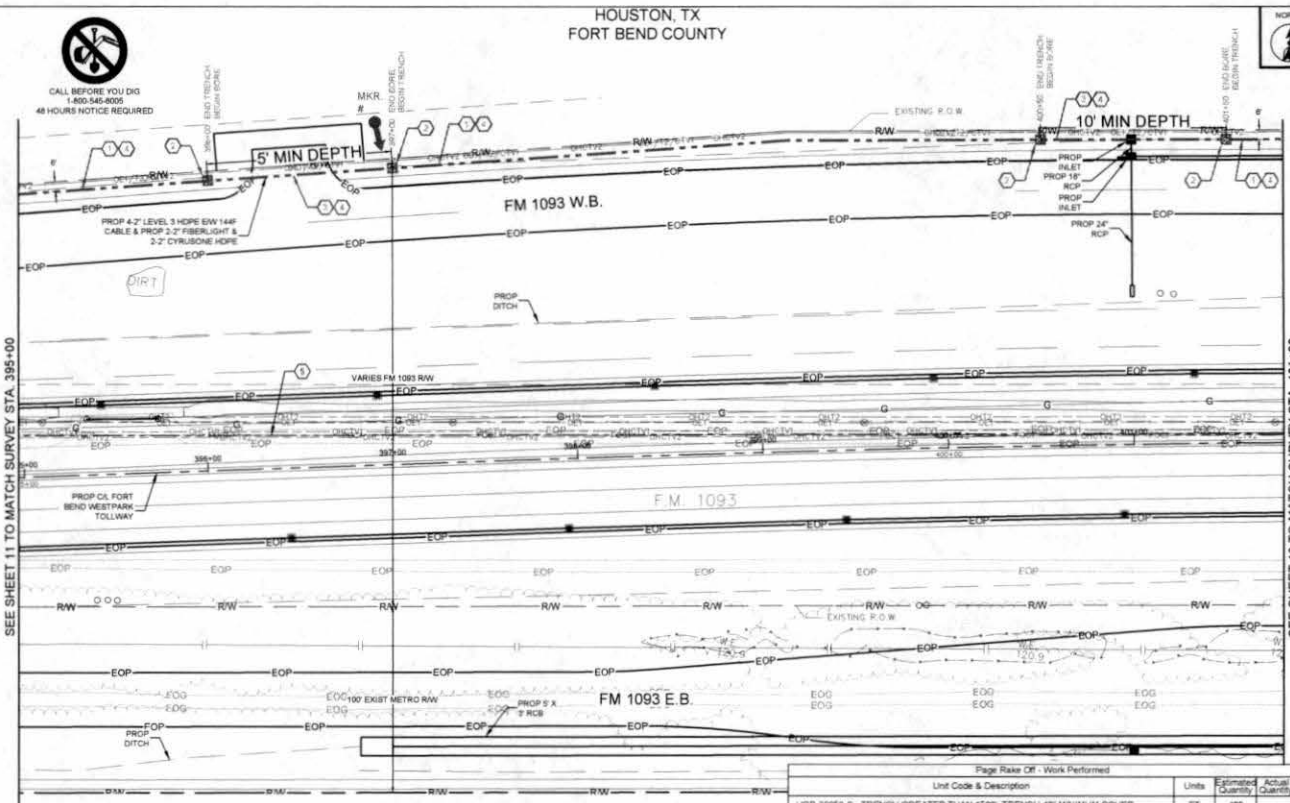
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Level(3)
ENGINEERS

LEVEL 3 ENGINEER
KEITH HALL
ENGINEERING FIRM
GOLDEN FIELD SERVICES

PROJECT NUMBER:
LOCATION: FM 1093 WESTPARK
EXTENSION - HOUSTON, TX

DRAWING NAME:
SCALE: HOR 1"=50'
SHEET: 12 OF 31
CONFIDENTIAL/PROPRIETARY



| Unit Code & Description | Units | Estimated Quantity | Actual Quantity |
|---|-------|--------------------|-----------------|
| MAT-80150 - CONDUIT 8-2" HOPE SDR-8 | FT | 880 | |
| MAT-82090 - WARNING TAGS AND/OR MARKERS | EA | 1 | |

| Unit Code & Description | Units | Estimated Quantity | Actual Quantity |
|---|-------|--------------------|-----------------|
| UGB-30050-S - TRENCH GREATER THAN 1500' TRENCH 48" MINIMUM COVER | FT | 480 | |
| UGB-30140-S - PLACE 1 - HOPE CONDUITS IN OPEN TRENCH UP TO 2" | FT | 480 | |
| UGB-30690-S - DIRECTIONAL SORE GREATER THAN 1500' 1 HOPE CONDUIT UP TO 2" | FT | 200 | |
| UGB-30980-S - PLACE UP TO 288 COUNT FOC IN CONDUIT UP TO 1900' | FT | 680 | |
| UGB-31640-S - EXCAVATE SMALL PIT 6'X4'X2' | EA | 4 | |
| UGB-31990-S - REMOVE AND DISPOSE OF 1-144F CABLE | FT | 680 | |
| UGB-31990-S - PLACE LOCATE MARKER POST | EA | 1 | |
| UGB-30150-S - PLACE ADDITIONAL HOPE IN OPEN TRENCH CONDUIT UP TO 2" | FT | 3,360 | |
| UGB-30700-S - DIR BORE GREATER THAN 1500' ADDITIONAL CONDUIT UP TO 2" | FT | 1,400 | |

UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND FIELD OBSERVATIONS BUT ARE NOT NECESSARILY EXACT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD LOCATE ALL UNDERGROUND OBSTRUCTIONS AND UTILITIES PRIOR TO CONSTRUCTION. COMPLETE REPAIR OF ANY AND ALL DAMAGES INCURRED SHALL BE AT THE EXPENSE OF THE CONTRACTOR.

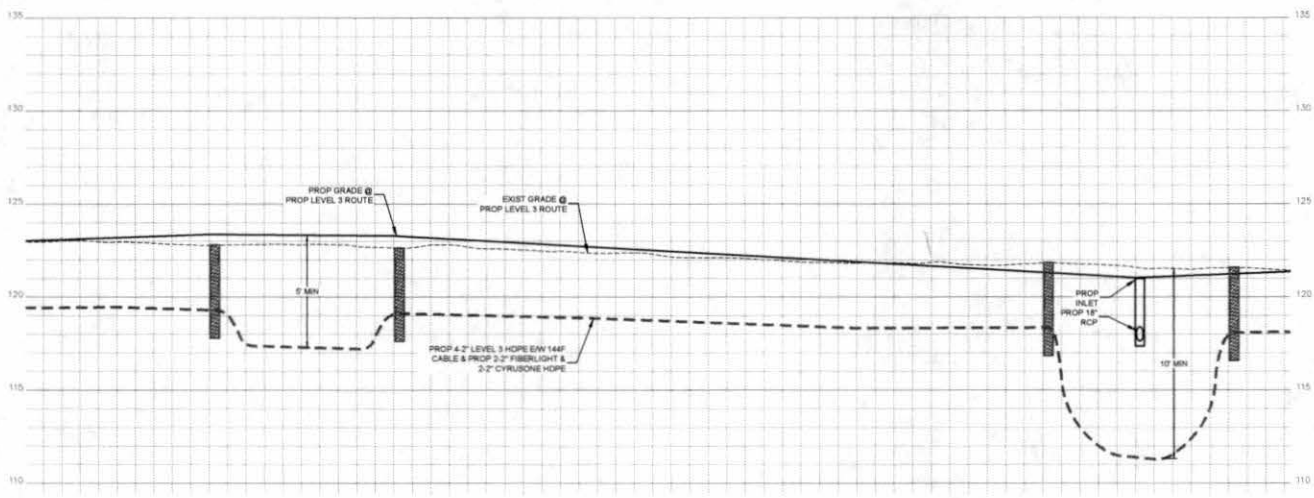
SEE SHEET 11 TO MATCH SURVEY STA. 395+00

SEE SHEET 13 TO MATCH SURVEY STA. 401+80

HOUSTON, TX
FORT BEND COUNTY



CONSTRUCTION NOTES



- CONTRACTOR NOTE
CONTRACTOR MUST SUPPLY
ALL HOPE CONDUITS AS
NOTED BELOW
- 8-2" HOPE CONFIGURATION
- 4-2" LEVEL(S)
- BLACK W PURPLE STRIPE
 - BLACK W ORANGE STRIPE
 - BLACK W GREEN STRIPE
 - BLACK W BROWN STRIPE
- 2-2" FIBERLIGHT
- BLACK W RED STRIPE
 - BLACK W BLUE STRIPE
- 2-2" CYRUSONE
- BLACK W WHITE STRIPE
 - BLACK W GREY STRIPE

| NO. | DATE | TYPE | DESIGN |
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Level(3)
ENGINEERING

LEVEL 3 ENGINEER
KETH HALL

ENGINEERING FIRM
GOLDEN FIELD SERVICES

PROJECT NUMBER

LOCATION: FM 103 WESTPARK
EXTENSION - HOUSTON, TX

DRAWING DATE

SCALE: VERT. 1"=4'

SHEET 12A OF 31

CONFIDENTIAL/PROPRIETARY



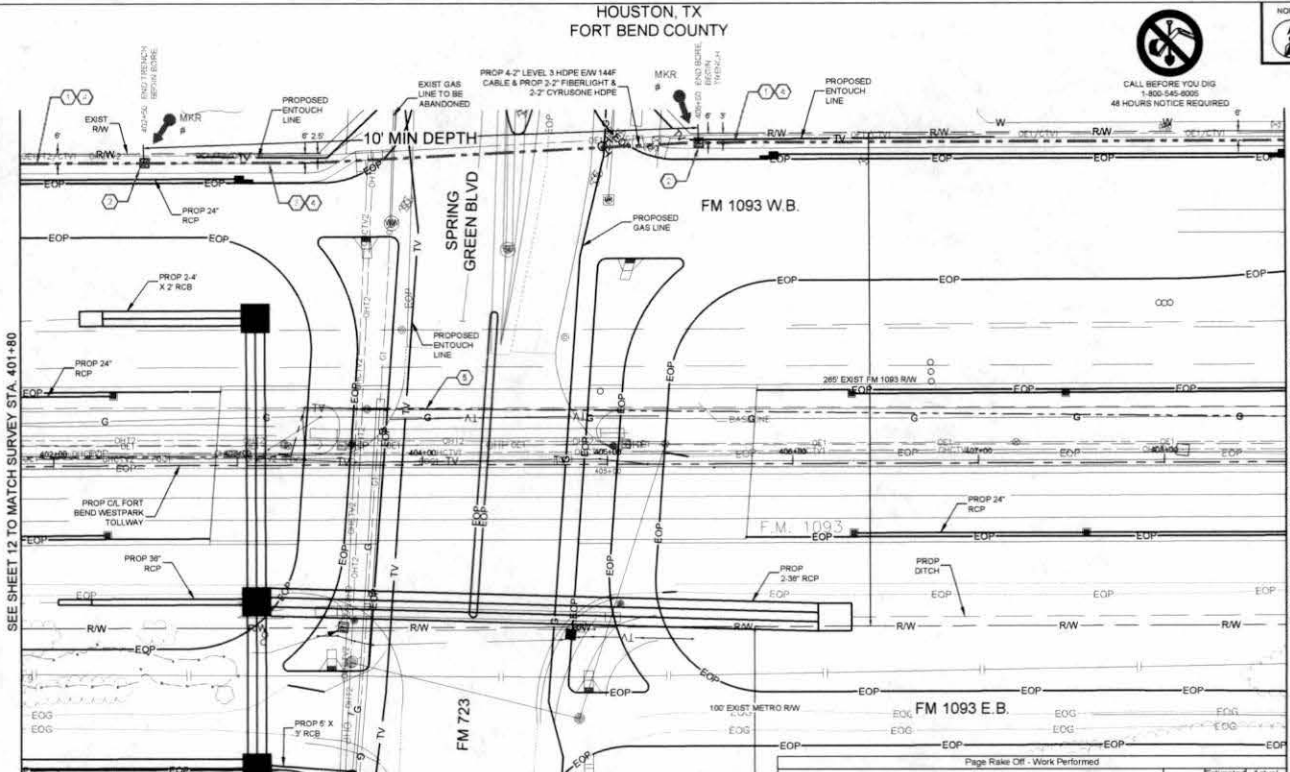
UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND FIELD OBSERVATIONS BUT ARE NOT NECESSARILY EXACT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD LOCATE ALL UNDERGROUND OBSTRUCTIONS AND UTILITIES PRIOR TO CONSTRUCTION. COMPLETE REPAIR OF ANY AND ALL DAMAGES INCURRED SHALL BE AT THE EXPENSE OF THE CONTRACTOR.

CALL BEFORE YOU DIG
1-800-545-6000
48 HOURS NOTICE REQUIRED

HOUSTON, TX
FORT BEND COUNTY



CALL BEFORE YOU DIG
1-800-545-8000
48 HOURS NOTICE REQUIRED



CONSTRUCTION NOTES

- 1 CONDUIT OWNER: LEVEL3
CONDUIT LENGTH: 467'
CONDUIT CITY: 8'
CONDUIT SIZE: 2"
CONDUIT TYPE: HDPE
NOTES: TRENCH 8'-2" HDPE
- 2 PROPOSED BOREPIT
- 3 CONDUIT OWNER: LEVEL3
CONDUIT LENGTH: 200'
CONDUIT CITY: 8'
CONDUIT SIZE: 2"
CONDUIT TYPE: HDPE
NOTES: BORE 8'-2" HDPE
- 4 CABLE FIBERS: 144F
CABLE OWNER: LEVEL3
CABLE LENGTH: 1647'
- 5 CABLE FIBERS: 144F
CABLE OWNER: LEVEL3
CABLE LENGTH: 1647'
NOTES: REMOVE 144F CABLE

CONTRACTOR NOTE
CONTRACTOR MUST SUPPLY
ALL HDPE CONDUITS AS
NOTED BELOW.
8'-2" HDPE CONFIGURATION
4'-2" (LEVEL3)
○ BLACK W/ PURPLE STRIPE
○ BLACK W/ ORANGE STRIPE
○ BLACK W/ GREEN STRIPE
○ BLACK W/ BROWN STRIPE
○ 3'-2" FIBERLIGHT
○ BLACK W/ RED STRIPE
○ BLACK W/ BLUE STRIPE
○ 3'-2" CYRUSONE
○ BLACK W/ WHITE STRIPE
○ BLACK W/ GREY STRIPE

SEE SHEET 12 TO MATCH SURVEY STA. 401+80

SEE SHEET 14 TO MATCH SURVEY STA. 408+70

| Unit Code & Description | Units | Estimated Quantity | Actual Quantity |
|---|-------|--------------------|-----------------|
| MAT-90150 - CONDUIT 8'-2" HDPE SDR-8 | FT | 690 | |
| MAT-92090 - WARNING TAGS AND/OR MARKERS | EA | 2 | |

| Unit Code & Description | Units | Estimated Quantity | Actual Quantity |
|---|-------|--------------------|-----------------|
| UGB-30050-S - TRENCH GREATER THAN 1500' TRENCH 48" MINIMUM COVER | FT | 490 | |
| UGB-30140-S - PLACE 1 - HDPE CONDUITS IN OPEN TRENCH UP TO 2' | FT | 460 | |
| UGB-30690-S - DIRECTIONAL BORE GREATER THAN 1500' 1 HDPE CONDUIT UP TO 2' | FT | 200 | |
| UGB-30980-S - PLACE UP TO 288 COUNT FOC IN CONDUIT. UP TO 1500' | FT | 890 | |
| UGB-31840-S - EXCAVATE SMALL PIT 6'X4'X5' | EA | 2 | |
| UGB-31950-S - REMOVE AND DISPOSE OF 1-144F CABLE | FT | 690 | |
| UGB-31960-S - PLACE LOCATE MARKER POST | EA | 2 | |
| UGB-30150-S - PLACE ADDITIONAL HDPE IN OPEN TRENCH CONDUIT UP TO 2' | FT | 3,430 | |
| UGB-30700-S - DIR. BORE GREATER THAN 1500' ADDITIONAL CONDUIT UP TO 2' | FT | 1,400 | |

UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND FIELD OBSERVATIONS BUT ARE NOT NECESSARILY EXACT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD LOCATE ALL UNDERGROUND OBSTRUCTIONS AND UTILITIES PRIOR TO CONSTRUCTION. COMPLETE REPAIR OF ANY AND ALL DAMAGES INCURRED SHALL BE AT THE EXPENSE OF THE CONTRACTOR.

Level(3)
CONSTRUCTION

LEVEL 3 ENGINEER
KEITH HALL

GOLDEN FIELD SERVICES

PROJECT NUMBER

LOCATION: FM 1093 WESTPARK EXTENSION - HOUSTON, TX

DRAWING TITLE

SCALE: HOR: 1"=40'

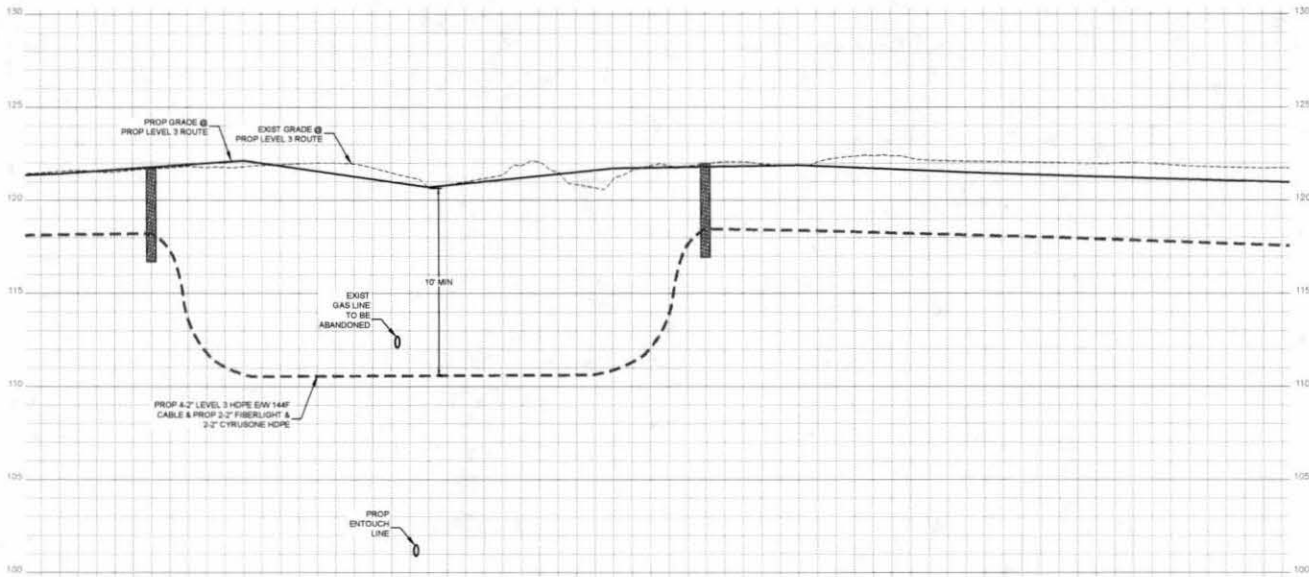
SHEET 13 OF 31

CONFIDENTIAL/PROPRIETARY

HOUSTON, TX
FORT BEND COUNTY



CONSTRUCTION NOTES



- CONTRACTOR NOTE
CONTRACTOR MUST SUPPLY
ALL HDPE CONDUITS AS
NOTED BELOW
- 8-2" HDPE CONFIGURATION
- 4-2" LEVEL(D)
- BLACK W/ PURPLE STRIPE
 - BLACK W/ ORANGE STRIPE
 - BLACK W/ GREEN STRIPE
 - BLACK W/ BROWN STRIPE
- 2-2" FIBERLIGHT
- BLACK W/ RED STRIPE
 - BLACK W/ BLUE STRIPE
- 3-2" CYRUSONE
- BLACK W/ WHITE STRIPE
 - BLACK W/ GREY STRIPE

| NO | DATE | ENG | DESIGN |
|----------|------|--------------|---------|
| 1 | | AS-BUILT | |
| 2-2-18 | | REVISION # 1 | |
| 11-13-15 | | ORIGINAL | |
| | | DRAFTING | COMMENT |

Level(3)
CORPORATION

LEVEL 3 ENGINEER
KEITH HALL

ENGINEERING FIRM
GOLDEN FIELD SERVICES

PROJECT NUMBER
LOCATION: FW 588 WESTPARK
EXTENSION - HOUSTON, TX

DRAWING NAME

SCALE: VERT. 1"=4'

SHEET 13A OF 31

CONFIDENTIAL/PROPRIETARY

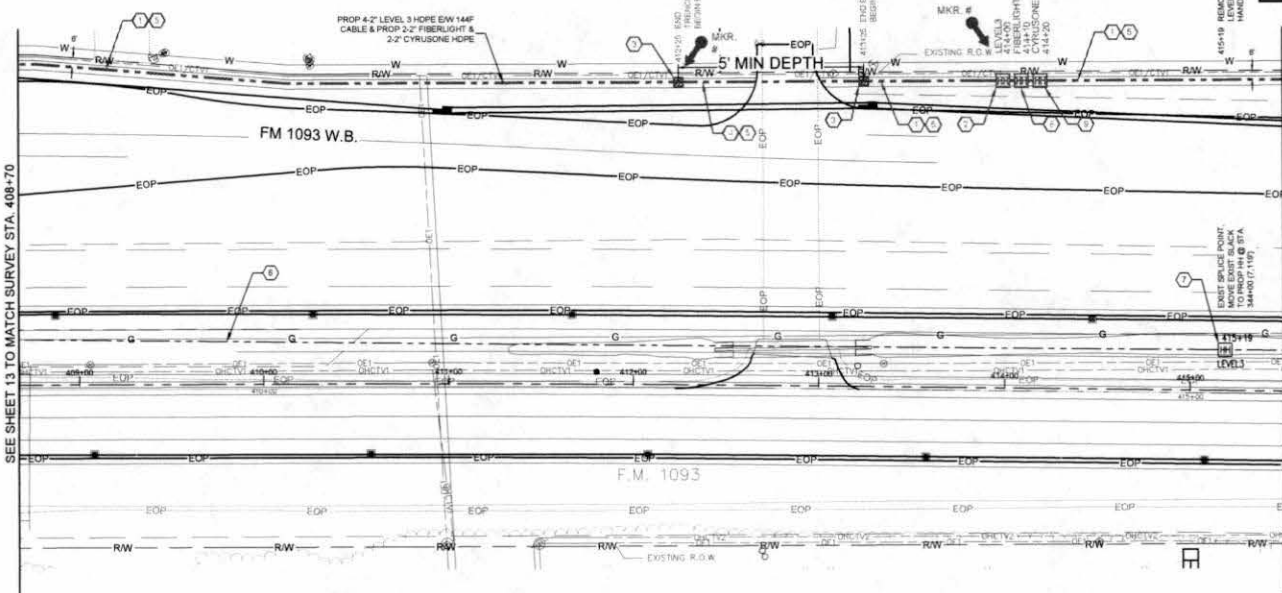
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CALL BEFORE YOU DIG
1-800-545-8005
48 HOURS NOTICE REQUIRED

HOUSTON, TX
FORT BEND COUNTY

144F
0
0



CONSTRUCTION NOTES

- 1 CONDUIT OWNER LEVELS
CONDUIT LENGTH 500'
CONDUIT QTY: 8
CONDUIT SIZE: 8"
CONDUIT TYPE: HOPE
NOTES: TRENCH 8'-2" HOPE
- 2 LEVELS HANDHOLE
DIA: 10" 1'-144" IN HH
PROPOSED 800#
- 3 CONDUIT OWNER LEVELS
CONDUIT LENGTH 100'
CONDUIT QTY: 8
CONDUIT SIZE: 8"
CONDUIT TYPE: HOPE
NOTES: BORE 8'-2" HOPE
- 4 CABLE FIBERS: 144F
CABLE OWNER: LEVEL3
CABLE LENGTH: 700'
- 5 CABLE FIBERS: 144F
CABLE OWNER: LEVEL3
NOTES: REMOVE 144F CABLE
REPOSITION SLACK (7,119')
- 6 LEVEL3 HANDHOLE
REINFC HANDHOLE
- 7 FIBERLIGHT HANDHOLE
- 8 CYRUSONE HANDHOLE

CONTRACTOR NOTE
CONTRACTOR MUST SUPPLY
ALL HOPE CONDUITS AS
NOTED BELOW.

- 8'-2" HOPE CONFIGURATION
- 4'-2" LEVEL(3)
- BLACK W/ PURPLE STRIPE
- BLACK W/ ORANGE STRIPE
- BLACK W/ GREEN STRIPE
- BLACK W/ BROWN STRIPE
- 2'-2" FIBERLIGHT
- BLACK W/ RED STRIPE
- BLACK W/ BLUE STRIPE
- 3'-2" CYRUSONE
- BLACK W/ WHITE STRIPE
- BLACK W/ GREY STRIPE

| Page Rate Off - Materials | | | |
|---|-------|--------------------|-----------------|
| Unit Code & Description | Units | Estimated Quantity | Actual Quantity |
| MAT-90150 - CONDUIT 8-2" HOPE SDR-9 | FT | 680 | |
| MAT-80870 - TIER 15 30"x48"x36" - WITH KNOCK-OUTS AND RACKING - INCLUDING COVER | EA | 3 | |
| MAT-82260 - WARNING TAGS AND/OR MARKERS | EA | 2 | |

| Page Rate Off - Work Performed | | | |
|--|-------|--------------------|-----------------|
| Unit Code & Description | Units | Estimated Quantity | Actual Quantity |
| UGB-30050-S - TRENCH GREATER THAN 1500' TRENCH 48" MINIMUM COVER | FT | 580 | |
| UGB-30140-S - PLACE 1 - HOPE CONDUITS IN OPEN TRENCH UP TO 2" | FT | 580 | |
| UGB-30890-S - DIRECTIONAL BORE GREATER THAN 1500' 1 HOPE CONDUIT UP TO 2" | FT | 100 | |
| UGB-30960-S - PLACE UP TO 288 COUNT FOC IN CONDUIT, UP TO 1500' (100' IN COLL) | FT | 780 | |
| UGB-31270-S - PLACE NEW - 30"x48"x36" - NON-CONCRETE HANDHOLE | EA | 3 | |
| UGB-31640-S - EXCAVATE SMALL PIT: 6'X4'X5' | EA | 2 | |
| UGB-31080-S - REMOVE AND DISPOSE OF 1-144F CABLE | FT | 680 | |
| UGB-31380-S - REMOVE EXISTING - 30"x48"x36" - NON-CONCRETE HANDHOLE | EA | 1 | |
| UGB-31980-S - PLACE LOCATE MARKER POST | EA | 2 | |
| UGB-30150-S - PLACE ADDITIONAL HOPE IN OPEN TRENCH CONDUIT UP TO 2" | FT | 4,060 | |
| UGB-30700-S - DIR. BORE GREATER THAN 1500' ADDITIONAL CONDUIT UP TO 2" | FT | 700 | |

UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND FIELD OBSERVATIONS BUT ARE NOT NECESSARILY EXACT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD LOCATE ALL UNDERGROUND OBSTRUCTIONS AND UTILITIES PRIOR TO CONSTRUCTION. COMPLETE REPAIR OF ANY AND ALL DAMAGES INCURRED SHALL BE AT THE EXPENSE OF THE CONTRACTOR.



CALL BEFORE YOU DIG
1-800-545-8005
48 HOURS NOTICE REQUIRED

Level(3)
CONSTRUCTORS

LEVEL 3 ENGINEER
KEITH HILL

ENGINEERING FIRM
GOLDEN FIELD SERVICES

PROJECT NUMBER:
LOCATION: FM 1093 WESTPARK
EXTENSION - HOUSTON, TX

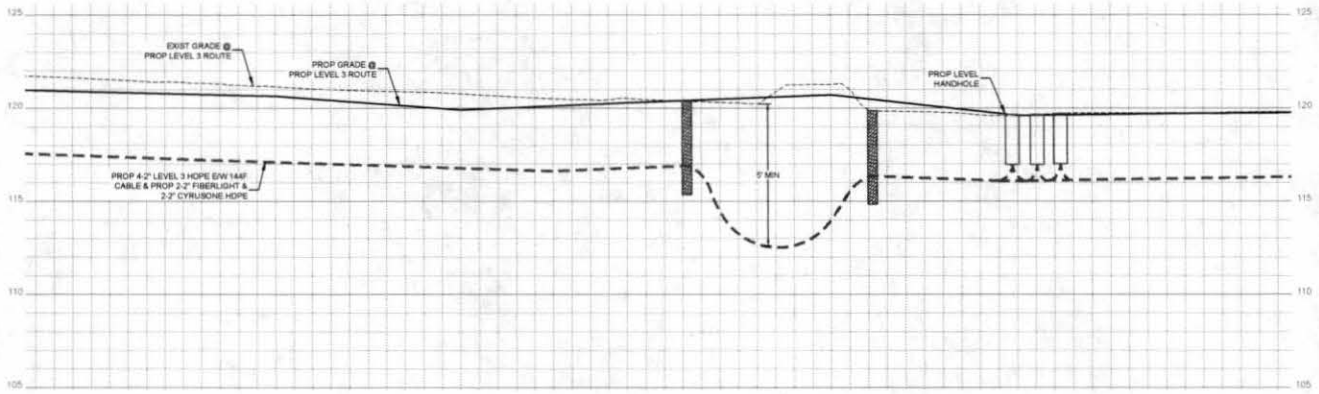
DRAWING DATE:

SCALE: HOR: 1"=50'
SHEET 14 OF 31
CONFIDENTIAL/PROPRIETARY

HOUSTON, TX
FORT BEND COUNTY



CONSTRUCTION NOTES



- CONTRACTOR NOTE:**
CONTRACTOR MUST SUPPLY ALL HOPE CONDUITS AS NOTED BELOW.
- 6\"/>

| NO. | DATE | ENG. DESIGN |
|----------|------|--------------|
| 1 | | AS-BUILT |
| 2-3-18 | | REVISION # 1 |
| 11-13-15 | | ORIGINAL |
| | | DRAFTING |
| | | CONTRACT |

Level(3)
COMMUNICATIONS

LEVEL 3 ENGINEER
KETH HALL
ENGINEERING FIRM
GOLDEN FIELD SERVICES

PROJECT NUMBER
LOCATION: FW 100 WESTPARK
EXTENSION - HOUSTON, TX

DRAWING TITLE

SCALE: VERT. 1"=5'
SHEET 14A OF 31
CONFIDENTIAL/PROPRIETARY

UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND FIELD OBSERVATIONS BUT ARE NOT NECESSARILY EXACT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD LOCATE ALL UNDERGROUND OBSTRUCTIONS AND UTILITIES PRIOR TO CONSTRUCTION. COMPLETE REPAIR OF ANY AND ALL DAMAGES INCURRED SHALL BE AT THE EXPENSE OF THE CONTRACTOR.



CALL BEFORE YOU DIG
1-800-542-6005
48 HOURS NOTICE REQUIRED

HOUSTON, TX
FORT BEND COUNTY



CONSTRUCTION NOTES

- 1 CONDUIT OWNER: LEVEL3
CONDUIT LENGTH: 550'
CONDUIT CITY: B
CONDUIT SIZE: 2"
CONDUIT TYPE: HOPE
NOTES: TRENCH 8'-2" DEPTH
- 2 PROPOSED BOREHOLE
- 3 CONDUIT OWNER: LEVEL3
CONDUIT LENGTH: 150'
CONDUIT CITY: B
CONDUIT SIZE: 2"
CONDUIT TYPE: HOPE
NOTES: BORE 8'-2" DEPTH
- 4 CABLE FIBERS: 144F
CABLE OWNER: LEVEL3
CABLE LENGTH: 600'
- 5 CABLE FIBERS: 144F
CABLE OWNER: LEVEL3
CABLE LENGTH: 600'
NOTES: REMOVE 144F CABLE

- CONTRACTOR NOTE:
CONTRACTOR MUST SUPPLY
ALL HOPE CONDUITS AS
NOTED BELOW
- 8'-2" HOPE CONFIGURATION
- 4'-2" LEVELLET
 - BLACK W/ PURPLE STRIPE
 - BLACK W/ GREEN STRIPE
 - BLACK W/ ORANGE STRIPE
 - BLACK W/ BROWN STRIPE
 - 2'-2" FIBERLIGHT
 - BLACK W/ RED STRIPE
 - BLACK W/ BLUE STRIPE
 - 2'-2" CYRUSONE
 - BLACK W/ WHITE STRIPE
 - BLACK W/ GREY STRIPE

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| NO. | DATE | ENG. DESIGN |
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|-----|------|------------|---------|
| NO. | DATE | REVISED BY | COMMENT |
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Level(3)
ENGINEERING

LEVEL 3 ENGINEER:
KEITH HALL

ENGINEERING FIRM:
GOLDEN FIELD SERVICES

PROJECT NUMBER:
LOCATION: FM 1093 WESTPARK
EXTENSION, HOUSTON, TX

DRAWN/TITLE:

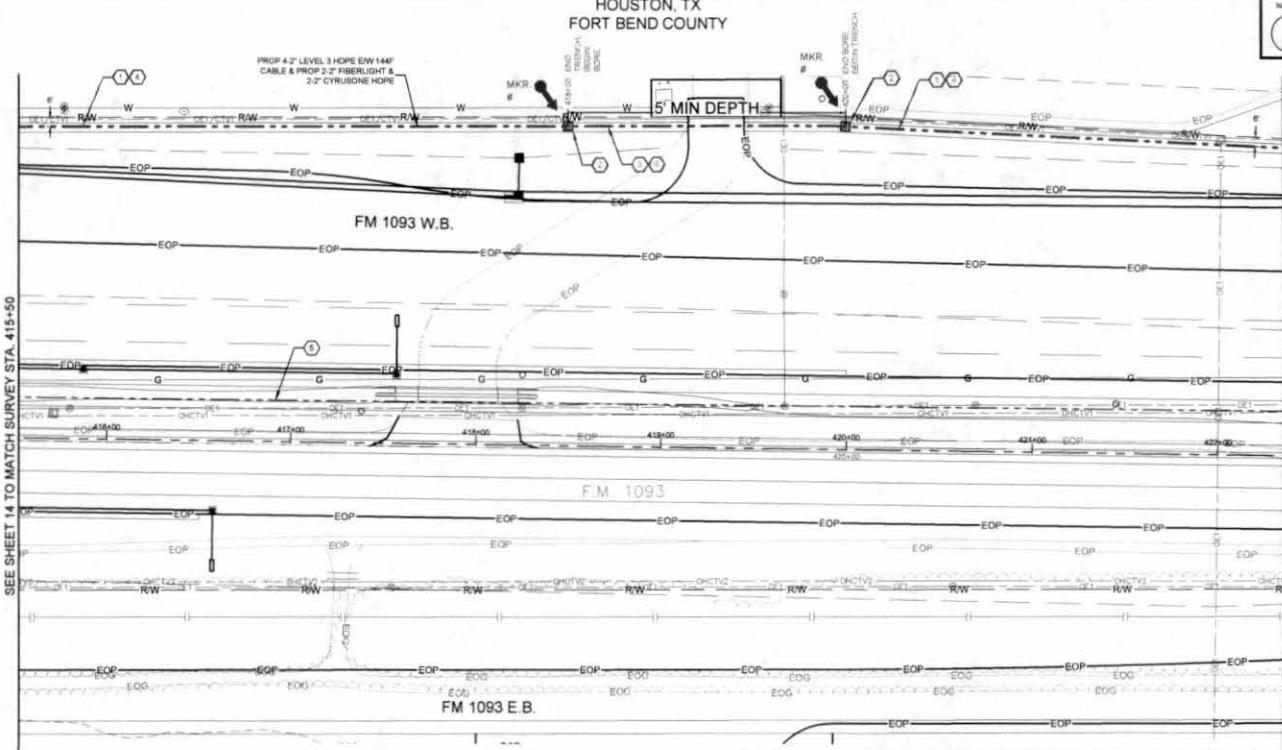
SCALE: HOR: 1"=50'

SHEET: 15 OF 31

CONFIDENTIAL/PROPRIETARY

SEE SHEET 14 TO MATCH SURVEY STA. 415+50

SEE SHEET 16 TO MATCH SURVEY STA. 422+30



PROP 4'-2" LEVEL 3 HOPE 8W 144F
CABLE & PROP 2'-2" FIBERLIGHT &
2'-2" CYRUSONE HOPE

5' MIN DEPTH

FM 1093 W.B.

F.M. 1093

FM 1093 E.B.



CALL BEFORE YOU DIG
1-800-542-8000
48 HOURS NOTICE REQUIRED

UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND
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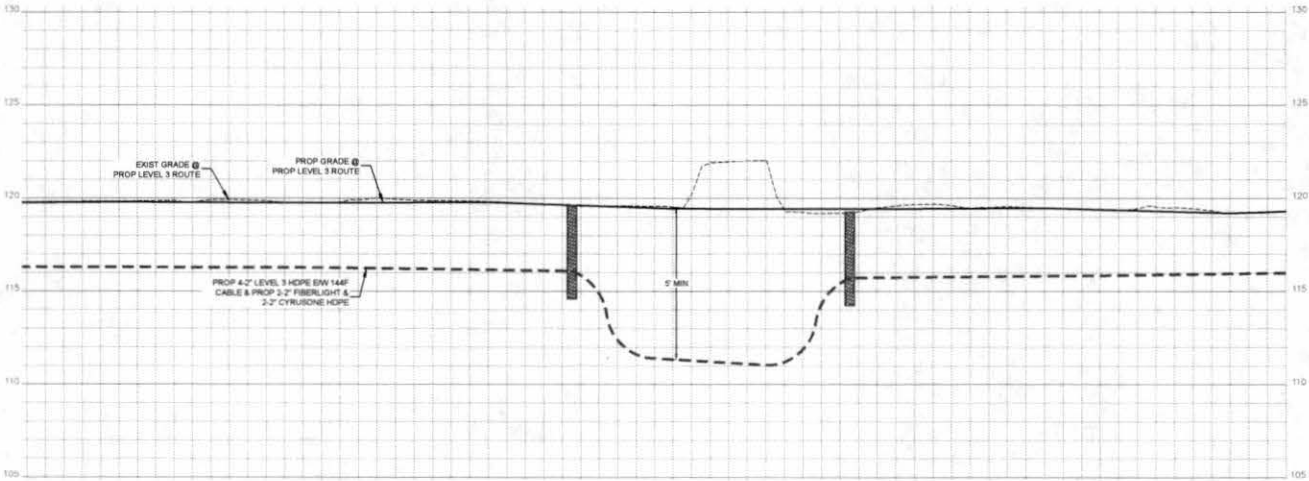
| Page Rate Off - Materials | | | |
|---|-------|--------------------|-----------------|
| Unit Code & Description | Units | Estimated Quantity | Actual Quantity |
| MAT-90150 - CONDUIT 8'-2" HOPE SDR-9 | FT | 880 | |
| MAT-90290 - WARNING TAOS AND/OR MARKERS | EA | 2 | |

| Page Rate Off - Work Performed | | | |
|---|-------|--------------------|-----------------|
| Unit Code & Description | Units | Estimated Quantity | Actual Quantity |
| UGB-30055-S - TRENCH GREATER THAN 1500' TRENCH 48" MINIMUM COVER | FT | 530 | |
| UGB-30140-S - PLACE 1 - HOPE CONDUITS IN OPEN TRENCH UP TO 2' | FT | 530 | |
| UGB-30990-S - DIRECTIONAL BORE GREATER THAN 1500' 1 HOPE CONDUIT UP TO 2' | FT | 150 | |
| UGB-30960-S - PLACE UP TO 288 COUNT FOC IN CONDUIT UP TO 1500' | FT | 880 | |
| UGB-31640-S - EXCAVATE SMALL PIT 8'X4'X3' | EA | 2 | |
| UGB-31060-S - REMOVE AND DISPOSE OF 1-144F CABLE | FT | 680 | |
| UGB-31990-S - PLACE LOCATE MARKER POST | EA | 2 | |
| UGB-30150-S - PLACE ADDITIONAL HOPE IN OPEN TRENCH CONDUIT UP TO 2' | FT | 3,710 | |
| UGB-30700-S - DIR. BORE GREATER THAN 1500' ADDITIONAL CONDUIT UP TO 2' | FT | 1,050 | |

HOUSTON, TX
FORT BEND COUNTY



CONSTRUCTION NOTES



- CONTRACTOR NOTE
CONTRACTOR MUST SUPPLY
ALL HDPE CONDUITS AS
NOTED BELOW
- 8-2" HDPE CONFIGURATION
- 4-2" LEVELS:
- BLACK W/ PURPLE STRIPE
 - BLACK W/ ORANGE STRIPE
 - BLACK W/ GREEN STRIPE
 - BLACK W/ BROWN STRIPE
- 2-2" FIBERLIGHT
- BLACK W/ RED STRIPE
 - BLACK W/ BLUE STRIPE
- 2-2" CYRUSCH
- BLACK W/ WHITE STRIPE
 - BLACK W/ GREY STRIPE

| | | |
|-----|----------|--------------|
| NO. | DATE | ENG. DESIGN |
| 1 | | AS-BUILT |
| 2 | | |
| 3 | | |
| NO. | DATE | REVISION # |
| 1 | 2-2-18 | REVISION # 1 |
| 2 | 11-15-18 | ORIGINAL |



LEVEL 3 ENGINEER:
KATH HILL

ENGINEERING FIRM:
GOLDEN FIELD SERVICES

PROJECT NUMBER:
LOCATION: FW 150 WESTPARK
EXTENSION - HOUSTON, TX

DRAWING NAME:

SCALE: VERT: 1"=4'

SHEET 15A OF 31

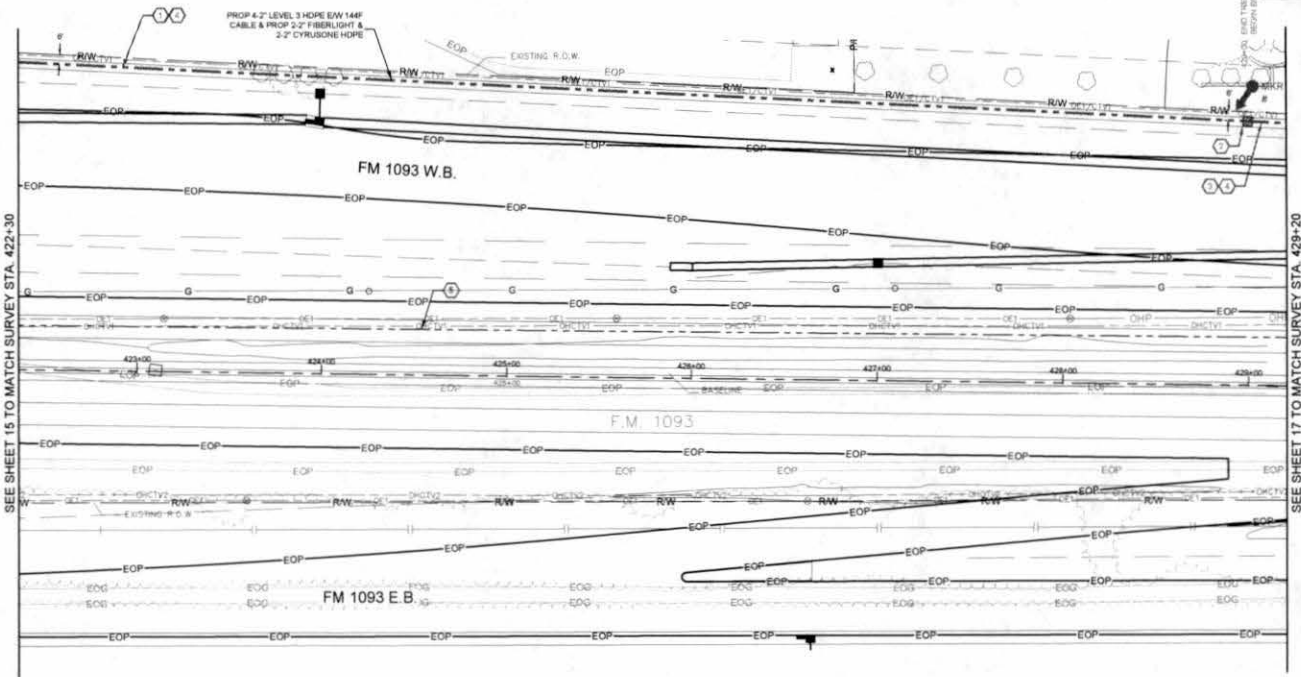
CONFIDENTIAL/PROPRIETARY

UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND FIELD OBSERVATIONS BUT ARE NOT NECESSARILY EXACT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD LOCATE ALL UNDERGROUND OBSTRUCTIONS AND UTILITIES PRIOR TO CONSTRUCTION. COMPLETE REPAIR OF ANY AND ALL DAMAGES INCURRED SHALL BE AT THE EXPENSE OF THE CONTRACTOR.



CALL BEFORE YOU DIG
1-800-545-6000
48 HOURS NOTICE REQUIRED

HOUSTON, TX
FORT BEND COUNTY



- CONSTRUCTION NOTES**
- CONDUIT OWNER LEVELS
CONDUIT LENGTH 670
CONDUIT DTY: S
CONDUIT SIZE: 2"
CONDUIT TYPE: HDPE
NOTES: TRENCH 8-2" HDPE
PREPOSED BOREPIT
 - CONDUIT OWNER LEVELS
CONDUIT LENGTH 670
CONDUIT DTY: S
CONDUIT SIZE: 2"
CONDUIT TYPE: HDPE
NOTES: BORE 8-2" HDPE
 - CABLE FIBERS: 144F
CABLE OWNER: LEVEL3
CABLE LENGTH: 690
 - CABLE FIBERS: 144F
CABLE OWNER: LEVEL3
CABLE LENGTH: 690
NOTES: REMOVE 144F CABLE

- CONTRACTOR NOTE**
CONTRACTOR MUST SUPPLY ALL HDPE CONDUITS AS NOTED BELOW.
- 8-2" HDPE CONFIGURATION
- 4-2" LEVELS
- BLACK W/ PURPLE STRIPE
 - BLACK W/ ORANGE STRIPE
 - BLACK W/ GREEN STRIPE
 - BLACK W/ BROWN STRIPE
- 3-2" FIBERLIGHT
- BLACK W/ RED STRIPE
 - BLACK W/ BLUE STRIPE
 - 3-2" CYRUSONE
 - BLACK W/ WHITE STRIPE
 - BLACK W/ GREY STRIPE

SEE SHEET 15 TO MATCH SURVEY STA. 422+30

SEE SHEET 17 TO MATCH SURVEY STA. 429+20

| Page Rate CR - Materials | | | |
|---|-------|--------------------|-----------------|
| Unit Code & Description | Units | Estimated Quantity | Actual Quantity |
| MAT-90150 - CONDUIT, 6-2" HDPE SDR-9 | FT | 690 | |
| MAT-92090 - WARNING TAGS AND/OR MARKERS | EA | 1 | |

| Page Rate CR - Work Performed | | | |
|---|-------|--------------------|-----------------|
| Unit Code & Description | Units | Estimated Quantity | Actual Quantity |
| UGB-30050-S - TRENCH GREATER THAN 1500', TRENCH 48" MINIMUM COVER | FT | 670 | |
| UGB-30140-S - PLACE 1 - HDPE CONDUITS IN OPEN TRENCH UP TO 2" | FT | 670 | |
| UGB-30850-S - DIRECTIONAL BORE GREATER THAN 1500' - 1 HDPE CONDUIT UP TO 2" | FT | 20 | |
| UGB-30950-S - PLACE UP TO 288 COUNT FOC IN CONDUIT, UP TO 1500' | FT | 690 | |
| UGB-31640-S - EXCAVATE SMALL PIT, 6'X4'X0' | EA | 1 | |
| UGB-31090-S - REMOVE AND DISPOSE OF 1-144F CABLE | FT | 690 | |
| UGB-31990-S - PLACE LOCATE MARKER POST | EA | 1 | |
| UGB-30150-S - PLACE ADDITIONAL HDPE IN OPEN TRENCH CONDUIT UP TO 2" | FT | 4,690 | |
| UGB-30700-S - DIR. BORE GREATER THAN 1500', ADDITIONAL HDPE UP TO 2" | FT | 140 | |

UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND FIELD OBSERVATIONS BUT ARE NOT NECESSARILY EXACT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD LOCATE ALL UNDERGROUND OBSTRUCTIONS AND UTILITIES PRIOR TO CONSTRUCTION. COMPLETE REPAIR OF ANY AND ALL DAMAGES INCURRED SHALL BE AT THE EXPENSE OF THE CONTRACTOR.



CALL BEFORE YOU DIG
1-800-545-4005
48 HOURS NOTICE REQUIRED

Level(3)
CONSTRUCTORS

LEVEL 3 ENGINEER
METHUEN, NH

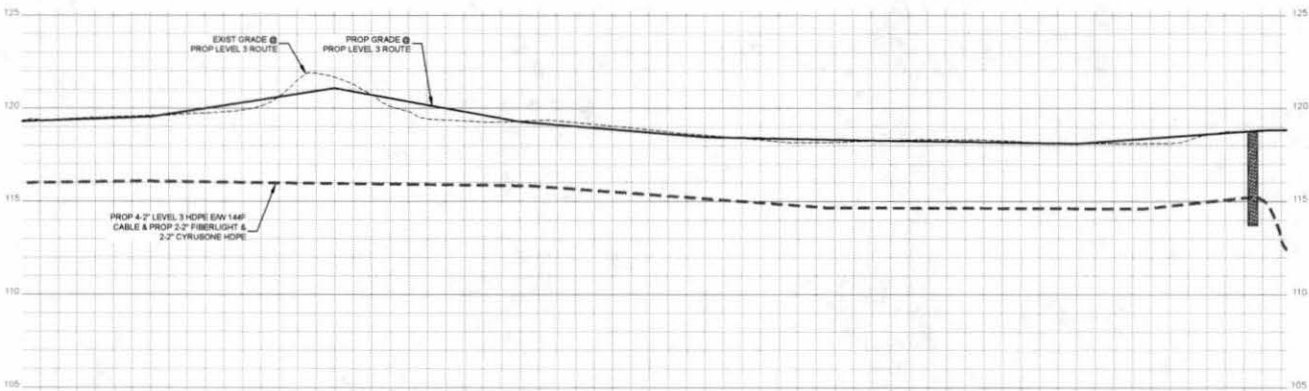
ENGINEERING FIRM
GOLDEN FIELD SERVICES
PROJECT NUMBER:
LOCATION: FM 1093 WESTPARK
EXTENSION - HOUSTON, TX
DRAWING NAME:

SCALE: HOR 1"=50'
SHEET: 16 OF 31
CONFIDENTIAL/PROPRIETARY

HOUSTON, TX
FORT BEND COUNTY



CONSTRUCTION NOTES



CONTRACTOR NOTE
CONTRACTOR MUST SUPPLY
ALL HOPE CONDUITS AS
NOTED BELOW.

8-2" HOPE CONFIGURATION

4-2" LEVEL(3)

- BLACK W/ PURPLE STRIPE
- BLACK W/ ORANGE STRIPE
- BLACK W/ GREEN STRIPE
- BLACK W/ BROWN STRIPE

2-2" FIBERLIGHT

- BLACK W/ RED STRIPE
- BLACK W/ BLUE STRIPE

2-2" CYRUSONE

- BLACK W/ WHITE STRIPE
- BLACK W/ GREY STRIPE

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Level(3)
CORPORATION

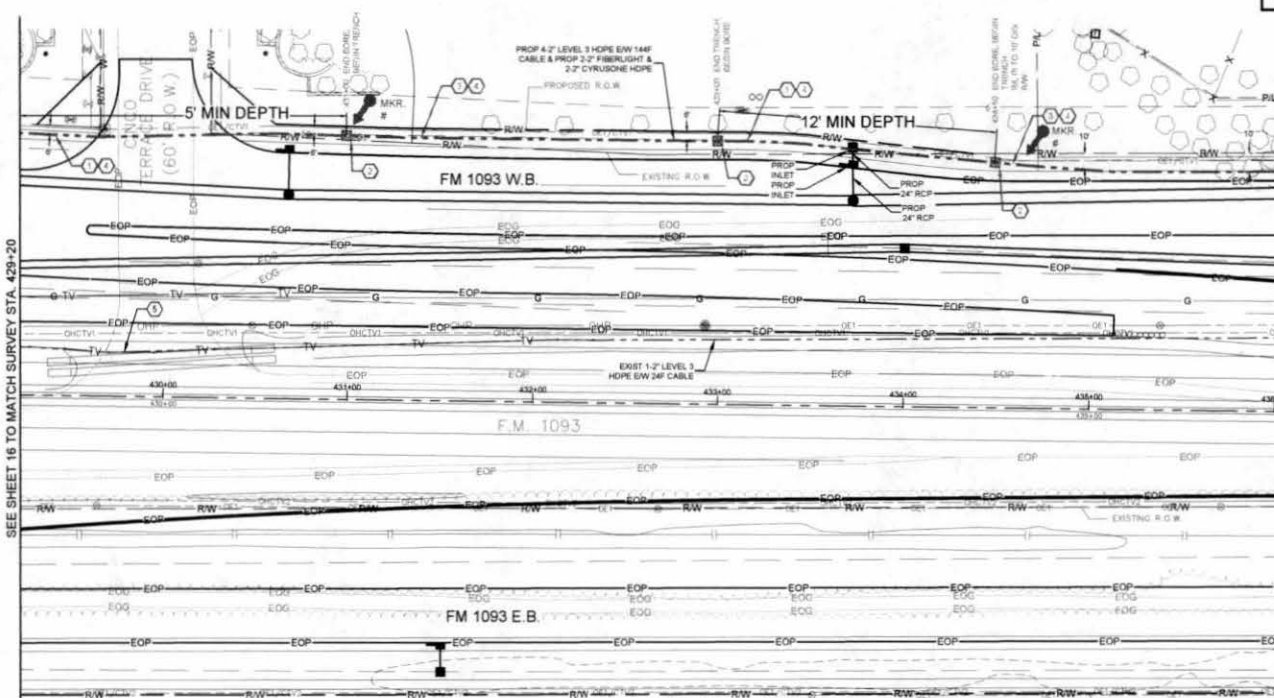
LEVEL 3 ENGINEER
KEITH HALL
ENGINEERING FIRM
GOLDEN FIELD SERVICES
PROJECT NUMBER
LOCATION: FM 1393 WESTPARK
EXTENSION - HOUSTON, TX
TRANSMISSION
SCALE: VERT: 1"=0'
SHEET 16A OF 31
CONFIDENTIAL/PROPRIETARY

UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND FIELD OBSERVATIONS BUT ARE NOT NECESSARILY EXACT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD LOCATE ALL UNDERGROUND OBSTRUCTIONS AND UTILITIES PRIOR TO CONSTRUCTION. COMPLETE REPAIR OF ANY AND ALL DAMAGES INCURRED SHALL BE AT THE EXPENSE OF THE CONTRACTOR



CALL BEFORE YOU DIG
1-800-545-8000
48 HOURS NOTICE REQUIRED

HOUSTON, TX
FORT BEND COUNTY



CONSTRUCTION NOTES

- 1 CONDUIT OWNER LEVELS
CONDUIT LENGTH 350'
CONDUIT QTY: 8
CONDUIT SIZE: 2"
CONDUIT TYPE: HDPE
NOTES: BORE 8-2" HDPE
- 2 CONDUIT OWNER LEVELS
CONDUIT LENGTH 340'
CONDUIT QTY: 8
CONDUIT SIZE: 2"
CONDUIT TYPE: HDPE
NOTES: TRENCH 8-2" HDPE
- 3 CABLE FIBERS: 144F
CABLE OWNER LEVELS
CABLE LENGTH: 800'
- 4 CABLE FIBERS: 144F
CABLE OWNER LEVELS
CABLE LENGTH: 800'
NOTES: REMOVE 144F CABLE

- CONTRACTOR NOTE:
CONTRACTOR MUST SUPPLY
ALL HDPE CONDUITS AS
NOTED BELOW.
- 8-2" HDPE CONFIGURATION
- 4-2" LEVEL(S)
- BLACK W/ PURPLE STRIPE
 - BLACK W/ ORANGE STRIPE
 - BLACK W/ GREEN STRIPE
 - BLACK W/ BROWN STRIPE
- 2-2" FIBERLIGHT
- BLACK W/ RED STRIPE
 - BLACK W/ BLUE STRIPE
 - 2-2" CYRUSONE
 - BLACK W/ WHITE STRIPE
 - BLACK W/ GREY STRIPE

SEE SHEET 16 TO MATCH SURVEY STA. 429+20

SEE SHEET 18 TO MATCH SURVEY STA. 436+10



CALL BEFORE YOU DIG
1-800-545-8000
48 HOURS NOTICE REQUIRED

UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND FIELD OBSERVATIONS BUT ARE NOT NECESSARILY EXACT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD LOCATE ALL UNDERGROUND OBSTRUCTIONS AND UTILITIES PRIOR TO CONSTRUCTION. COMPLETE REPAIR OF ANY AND ALL DAMAGES INCURRED SHALL BE AT THE EXPENSE OF THE CONTRACTOR.

| Page Rate Off - Materials | | | |
|---|-------|--------------------|-----------------|
| Unit Code & Description | Units | Estimated Quantity | Actual Quantity |
| MAT-90150 - CONDUIT 8-2" HDPE SDR-9 | FT | 690 | |
| MAT-92090 - WARNING TAGS AND/OR MARKERS | EA | 2 | |

| Page Rate Off - Work Performed | | | |
|--|-------|--------------------|-----------------|
| Unit Code & Description | Units | Estimated Quantity | Actual Quantity |
| UGB-30050-S - TRENCH GREATER THAN 1500' TRENCH 48" MINIMUM COVER | FT | 360 | |
| UGB-30140-S - PLACE 1" HDPE CONDUITS IN OPEN TRENCH UP TO 2" | FT | 360 | |
| UGB-30590-S - DIRECTIONAL BORE GREATER THAN 1500' 1" HDPE CONDUIT UP TO 2" | FT | 330 | |
| UGB-30960-S - PLACE UP TO 288 COUNT FOC IN CONDUIT, UP TO 1500' | FT | 690 | |
| UGB-31540-S - EXCAVATE SMALL PIT: 6'X4'X5' | EA | 3 | |
| UGB-31060-S - REMOVE AND DISPOSE OF 1-144F CABLE | FT | 690 | |
| UGB-31990-S - PLACE LOCATE MARKER POST | EA | 2 | |
| UGB-30150-S - PLACE ADDITIONAL HDPE IN OPEN TRENCH CONDUIT UP TO 2" | FT | 2,530 | |
| UGB-30700-S - DIR. BORE GREATER THAN 1500' ADDITIONAL CONDUIT UP TO 2" | FT | 2,310 | |

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| 11-13-18 | ORIGINAL | | |
| 2-2-18 | REVISION # 1 | | |
| 11-13-18 | REVISION # 2 | | |
| DD | DATE | END SHEET | |
| 11-13-18 | ORIGINAL | | |
| 2-2-18 | REVISION # 1 | | |
| 11-13-18 | REVISION # 2 | | |

Level(3)
CONCRETE

LEVEL 3 ENGINEER
KETH HALL

ENGINEERING FIRM
GOLDEN FIELD SERVICES

PROJECT NUMBER
LOCATION: FM 1093 WESTPARK
EXTENSION - HOUSTON, TX

DRAWING NAME

SCALE: HOR 1"=80'

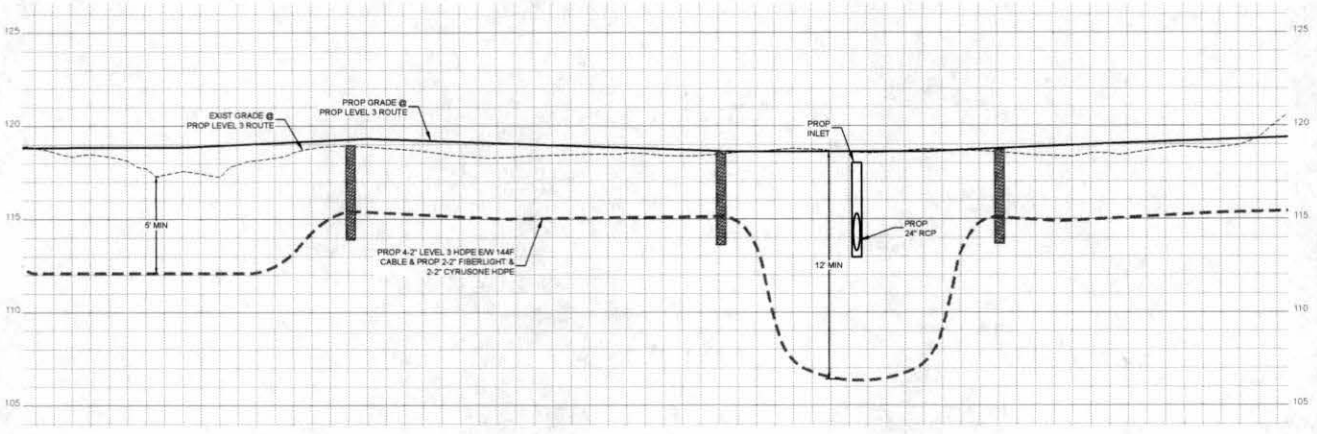
SHEET 17 OF 31

CONFIDENTIAL/PROPRIETARY

HOUSTON, TX
FORT BEND COUNTY



CONSTRUCTION NOTES



- CONTRACTOR NOTE**
CONTRACTOR MUST SUPPLY ALL HOPE CONDUITS AS NOTED BELOW.
- 8.2\"/>
 - 4.2\"/>
 - BLACK W/ PURPLE STRIPE
 - BLACK W/ ORANGE STRIPE
 - BLACK W/ GREEN STRIPE
 - BLACK W/ BROWN STRIPE
 - 2.2\"/>
 - BLACK W/ RED STRIPE
 - BLACK W/ BLUE STRIPE
 - 3.2\"/>
 - BLACK W/ WHITE STRIPE
 - BLACK W/ GREY STRIPE**

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| 2-2-16 | | REVISION # 1 |
| 11-13-15 | | ORIGIN |
| | | DATE |
| | | COMMENT |



LEVEL 3 ENGINEER:
KEITH HALL
ENGINEERING FIRM:
GOLDEN FIELD SERVICES
PROJECT NUMBER:
LOCATION: FM 1093 WESTPARK
EXTENSION - HOUSTON, TX
DRAWING NUMBER:

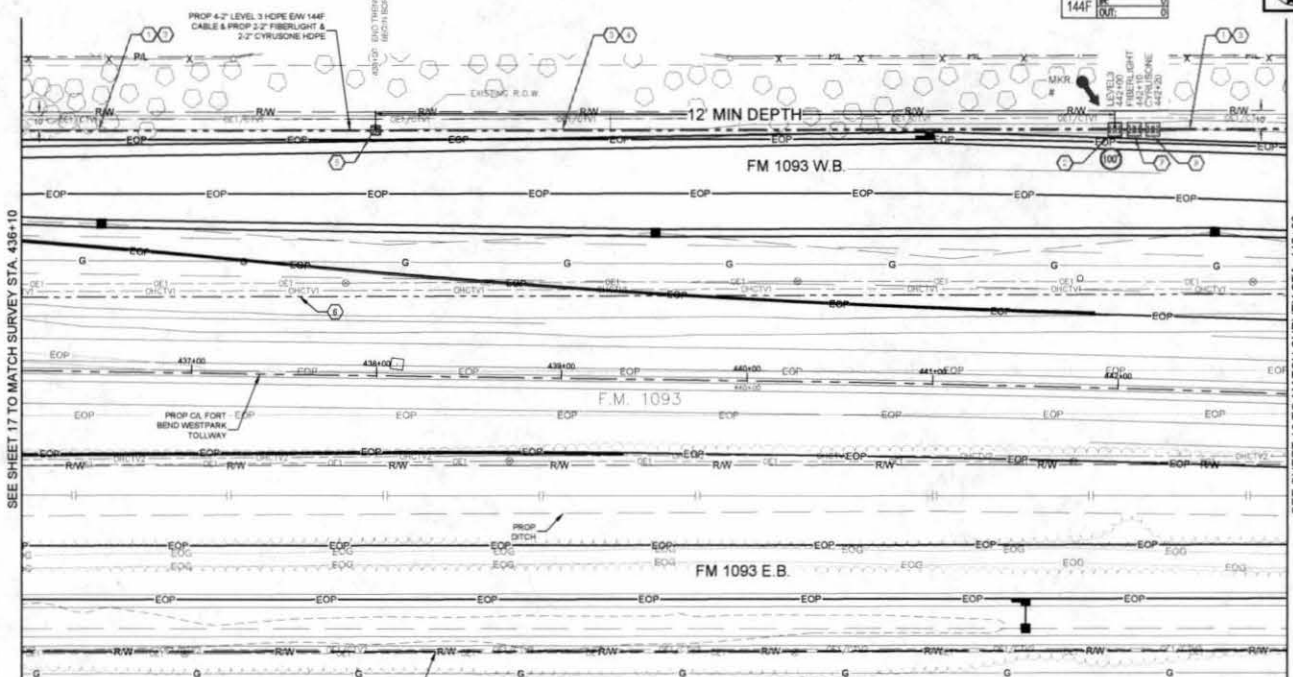
SCALE: VERT: 1"=4'
SHEET 17A OF 31
CONFIDENTIAL/PROPRIETARY

UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND FIELD OBSERVATIONS BUT ARE NOT NECESSARILY EXACT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD LOCATE ALL UNDERGROUND OBSTRUCTIONS AND UTILITIES PRIOR TO CONSTRUCTION. COMPLETE REPAIR OF ANY AND ALL DAMAGES INCURRED SHALL BE AT THE EXPENSE OF THE CONTRACTOR.



CALL BEFORE YOU DIG
1-800-545-8005
48 HOURS NOTICE REQUIRED

HOUSTON, TX
FORT BEND COUNTY



CONSTRUCTION NOTES

- 1 CONDUIT OWNER LEVELS
CONDUIT LENGTH 280'
CONDUIT QTY: 8
CONDUIT SIZE: 8\"/>
- 2 LEVELS (HOLE)
DIA: 100\"/>
- 3 CABLE FIBERS: 144F
CABLE OWNER: LEVELS
CABLE LENGTH: 780'
- 4 CONDUIT OWNER LEVELS
CONDUIT LENGTH: 400'
CONDUIT QTY: 8
CONDUIT SIZE: 8\"/>
- 5 PROPOSED (HOLE)
- 6 CABLE FIBERS: 144F
CABLE OWNER: LEVELS
CABLE LENGTH: 800'
NOTES: REMOVE 144F CABLE
- 7 FIBER/DIG HOLE
- 8 CYRUSONE (HOLE)

CONTRACTOR NOTE
CONTRACTOR MUST SUPPLY
ALL HOPE CONDUITS AS
NOTED BELOW

8-2\"/>

4-2\"/>

- BLACK W/ PURPLE STRIPE
- BLACK W/ ORANGE STRIPE
- BLACK W/ GREEN STRIPE
- BLACK W/ BROWN STRIPE
- 2-2\"/>
- BLACK W/ RED STRIPE
- BLACK W/ BLUE STRIPE
- 2-2\"/>
- BLACK W/ WHITE STRIPE
- BLACK W/ GREY STRIPE

SEE SHEET 17 TO MATCH SURVEY STA. 436+10

SEE SHEET 19 TO MATCH SURVEY STA. 442+90

| Page Rate Off - Materials | | | | | |
|--|---|---|-----------------|---|--|
| Unit Code & Description | Units | Estimated Quantity | Actual Quantity | | |
| MAT-90150 - CONDUIT 8-2\"/> <tr> <td>MAT-90970 - TIER 15 30\"/> <tr> <td>MAT-92080 - WARNING TAGS AND/OR MARKERS</td> <td>EA</td> <td>1</td> <td></td> </tr> </td></tr> | MAT-90970 - TIER 15 30\"/> <tr> <td>MAT-92080 - WARNING TAGS AND/OR MARKERS</td> <td>EA</td> <td>1</td> <td></td> </tr> | MAT-92080 - WARNING TAGS AND/OR MARKERS | EA | 1 | |
| MAT-90970 - TIER 15 30\"/> <tr> <td>MAT-92080 - WARNING TAGS AND/OR MARKERS</td> <td>EA</td> <td>1</td> <td></td> </tr> | MAT-92080 - WARNING TAGS AND/OR MARKERS | EA | 1 | | |
| MAT-92080 - WARNING TAGS AND/OR MARKERS | EA | 1 | | | |

| Page Rate Off - Work Performed | | | | | | | | | | | | | | | | | | |
|---|---|--|--|-----|---|---|---|--|--|--|--|--|--|----|--|--|--|--|
| Unit Code & Description | Units | Estimated Quantity | Actual Quantity | | | | | | | | | | | | | | | |
| UGB-30950-S - TRENCH GREATER THAN 1500' TRENCH 48\"/> <tr> <td>UGB-30140-S - PLACE 1 - HOPE CONDUITS IN OPEN TRENCH UP TO 2\"/> <tr> <td>UGB-30690-S - DIRECTIONAL BORE GREATER THAN 1500' 1 HOPE CONDUIT UP TO 2\"/> <tr> <td>UGB-30980-S - PLACE UP TO 288 COUNT FOC IN CONDUIT, UP TO 1500' (100' IN COIL)</td> <td>FT</td> <td>780</td> <td></td> </tr> <tr> <td>UGB-31270-S - PLACE NEW - 30\"/> <tr> <td>UGB-31640-S - EXCAVATE SMALL PIT (6\"/> <tr> <td>UGB-31060-S - REMOVE AND DISPOSE OF 1-144F CABLE</td> <td>EA</td> <td>1</td> <td></td> </tr> <tr> <td>UGB-31980-S - PLACE LOCATE MARKER POST</td> <td>EA</td> <td>1</td> <td></td> </tr> <tr> <td>UGB-30150-S - PLACE ADDITIONAL HOPE IN OPEN TRENCH CONDUIT UP TO 2\"/> <tr> <td>UGB-30700-S - DIR BORE GREATER THAN 1500' ADDITIONAL CONDUIT UP TO 2\"/> </td></tr></td></tr></td></tr></td></tr></td></tr></td></tr> | UGB-30140-S - PLACE 1 - HOPE CONDUITS IN OPEN TRENCH UP TO 2\"/> <tr> <td>UGB-30690-S - DIRECTIONAL BORE GREATER THAN 1500' 1 HOPE CONDUIT UP TO 2\"/> <tr> <td>UGB-30980-S - PLACE UP TO 288 COUNT FOC IN CONDUIT, UP TO 1500' (100' IN COIL)</td> <td>FT</td> <td>780</td> <td></td> </tr> <tr> <td>UGB-31270-S - PLACE NEW - 30\"/> <tr> <td>UGB-31640-S - EXCAVATE SMALL PIT (6\"/> <tr> <td>UGB-31060-S - REMOVE AND DISPOSE OF 1-144F CABLE</td> <td>EA</td> <td>1</td> <td></td> </tr> <tr> <td>UGB-31980-S - PLACE LOCATE MARKER POST</td> <td>EA</td> <td>1</td> <td></td> </tr> <tr> <td>UGB-30150-S - PLACE ADDITIONAL HOPE IN OPEN TRENCH CONDUIT UP TO 2\"/> <tr> <td>UGB-30700-S - DIR BORE GREATER THAN 1500' ADDITIONAL CONDUIT UP TO 2\"/> </td></tr></td></tr></td></tr></td></tr></td></tr> | UGB-30690-S - DIRECTIONAL BORE GREATER THAN 1500' 1 HOPE CONDUIT UP TO 2\"/> <tr> <td>UGB-30980-S - PLACE UP TO 288 COUNT FOC IN CONDUIT, UP TO 1500' (100' IN COIL)</td> <td>FT</td> <td>780</td> <td></td> </tr> <tr> <td>UGB-31270-S - PLACE NEW - 30\"/> <tr> <td>UGB-31640-S - EXCAVATE SMALL PIT (6\"/> <tr> <td>UGB-31060-S - REMOVE AND DISPOSE OF 1-144F CABLE</td> <td>EA</td> <td>1</td> <td></td> </tr> <tr> <td>UGB-31980-S - PLACE LOCATE MARKER POST</td> <td>EA</td> <td>1</td> <td></td> </tr> <tr> <td>UGB-30150-S - PLACE ADDITIONAL HOPE IN OPEN TRENCH CONDUIT UP TO 2\"/> <tr> <td>UGB-30700-S - DIR BORE GREATER THAN 1500' ADDITIONAL CONDUIT UP TO 2\"/> </td></tr></td></tr></td></tr></td></tr> | UGB-30980-S - PLACE UP TO 288 COUNT FOC IN CONDUIT, UP TO 1500' (100' IN COIL) | FT | 780 | | UGB-31270-S - PLACE NEW - 30\"/> <tr> <td>UGB-31640-S - EXCAVATE SMALL PIT (6\"/> <tr> <td>UGB-31060-S - REMOVE AND DISPOSE OF 1-144F CABLE</td> <td>EA</td> <td>1</td> <td></td> </tr> <tr> <td>UGB-31980-S - PLACE LOCATE MARKER POST</td> <td>EA</td> <td>1</td> <td></td> </tr> <tr> <td>UGB-30150-S - PLACE ADDITIONAL HOPE IN OPEN TRENCH CONDUIT UP TO 2\"/> <tr> <td>UGB-30700-S - DIR BORE GREATER THAN 1500' ADDITIONAL CONDUIT UP TO 2\"/> </td></tr></td></tr></td></tr> | UGB-31640-S - EXCAVATE SMALL PIT (6\"/> <tr> <td>UGB-31060-S - REMOVE AND DISPOSE OF 1-144F CABLE</td> <td>EA</td> <td>1</td> <td></td> </tr> <tr> <td>UGB-31980-S - PLACE LOCATE MARKER POST</td> <td>EA</td> <td>1</td> <td></td> </tr> <tr> <td>UGB-30150-S - PLACE ADDITIONAL HOPE IN OPEN TRENCH CONDUIT UP TO 2\"/> <tr> <td>UGB-30700-S - DIR BORE GREATER THAN 1500' ADDITIONAL CONDUIT UP TO 2\"/> </td></tr></td></tr> | UGB-31060-S - REMOVE AND DISPOSE OF 1-144F CABLE | EA | 1 | | UGB-31980-S - PLACE LOCATE MARKER POST | EA | 1 | | UGB-30150-S - PLACE ADDITIONAL HOPE IN OPEN TRENCH CONDUIT UP TO 2\"/> <tr> <td>UGB-30700-S - DIR BORE GREATER THAN 1500' ADDITIONAL CONDUIT UP TO 2\"/> </td></tr> | UGB-30700-S - DIR BORE GREATER THAN 1500' ADDITIONAL CONDUIT UP TO 2\"/> |
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| UGB-31980-S - PLACE LOCATE MARKER POST | EA | 1 | | | | | | | | | | | | | | | | |
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CALL BEFORE YOU DIG
1-800-548-8000
48 HOURS NOTICE REQUIRED

Level 3
CONSTRUCT

LEVEL 3 ENGINEER
KEITH HALL

ENGINEERING FIRM:
GOLDEN FIELD SERVICES

PROJECT NUMBER:
LOCATION: FM 1093 WESTPARK
EXTENSION - HOUSTON, TX

DATE: 07/20/2016

SCALE: HOR 1\"/>

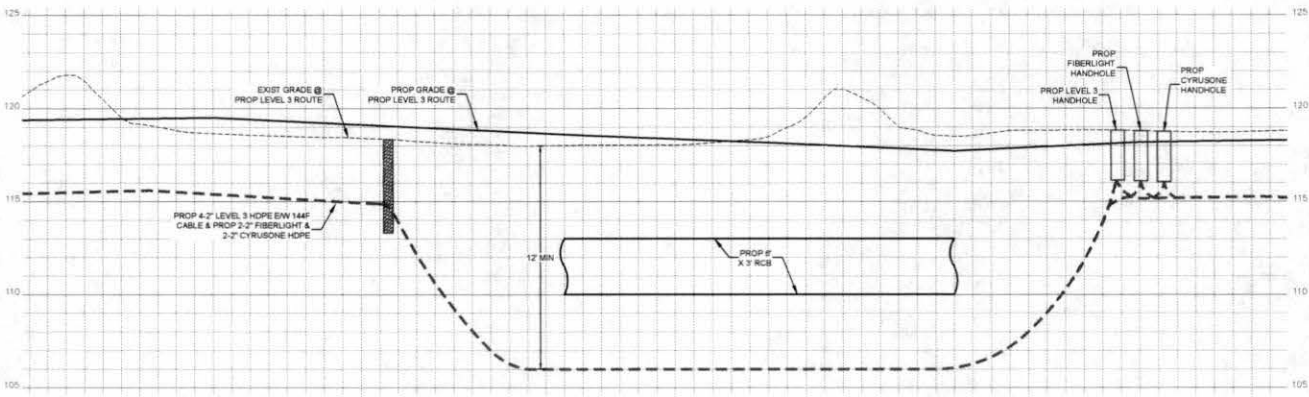
SHEET 18 OF 31

CONFIDENTIAL/PROPRIETARY

HOUSTON, TX
FORT BEND COUNTY



CONSTRUCTION NOTES



CONTRACTOR NOTE
CONTRACTOR MUST SUPPLY
ALL HOPE CONDUITS AS
NOTED BELOW.

8-2" HOPE CONFIGURATION

4-2" LEVEL(3)

- BLACK W/ PURPLE STRIPE
- BLACK W/ ORANGE STRIPE
- BLACK W/ GREEN STRIPE
- BLACK W/ BROWN STRIPE

2-2" FIBERLIGHT

- BLACK W/ RED STRIPE
- BLACK W/ BLUE STRIPE

2-2" CYRUSONE

- BLACK W/ WHITE STRIPE
- BLACK W/ GREY STRIPE

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LEVEL 3 ENGINEER:
KETH HALL
ENGINEERING FIRM:
GOLDEN FIELD SERVICES
PROJECT NUMBER:
LOCATION: FM 1003 WESTPARK
EXTENSION - HOUSTON, TX
DRAWING NUMBER:

SCALE: VERT: 1"=8'
SHEET 18A OF 31
CONFIDENTIAL/PROPRIETARY

UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND FIELD OBSERVATIONS BUT ARE NOT NECESSARILY EXACT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD LOCATE ALL UNDERGROUND OBSTRUCTIONS AND UTILITIES PRIOR TO CONSTRUCTION. COMPLETE REPAIR OF ANY AND ALL DAMAGES INCURRED SHALL BE AT THE EXPENSE OF THE CONTRACTOR.



CALL BEFORE YOU DIG
1-800-548-8000
48 HOURS NOTICE REQUIRED

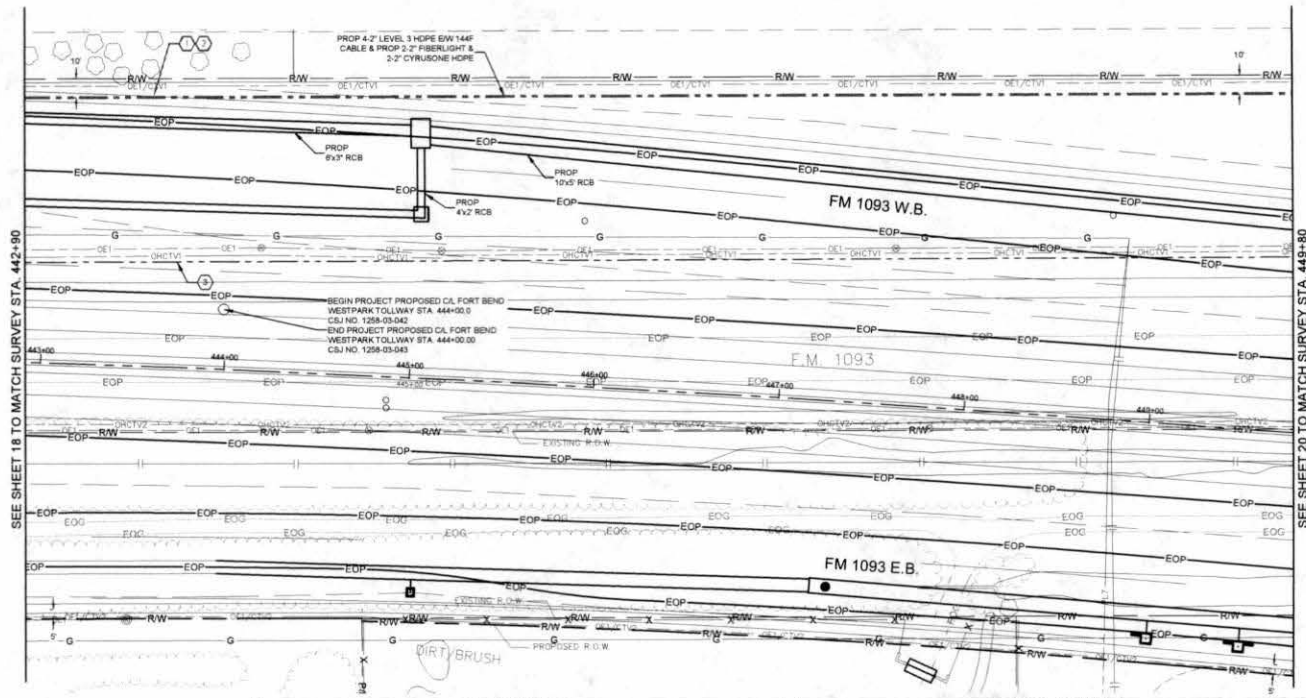
HOUSTON, TX
FORT BEND COUNTY



CONSTRUCTION NOTES

- 1 CONDUIT OWNER: LEVEL3
CONDUIT LENGTH: 600'
CONDUIT CTS: 8
CONDUIT SIZE: 2"
CONDUIT TYPE: HDPE
NOTES: TRENCH 8'-2" HDPE
- 2 CABLE FIBERS: 144F
CABLE OWNER: LEVEL3
CABLE LENGTH: 600'
- 3 CABLE FIBERS: 144F
CABLE OWNER: LEVEL3
CABLE LENGTH: 600'
NOTES: REMOVE 144F CABLE

- CONTRACTOR NOTE:
CONTRACTOR MUST SUPPLY
ALL HDPE CONDUITS AS
NOTED BELOW.
- 8'-2" HDPE CONFIGURATION
- 4'-2" LEVEL(S)
- BLACK W/ PURPLE STRIPE
 - BLACK W/ ORANGE STRIPE
 - BLACK W/ GREEN STRIPE
 - BLACK W/ BROWN STRIPE
- 2'-2" FIBER/LIGHT
- BLACK W/ RED STRIPE
 - BLACK W/ BLUE STRIPE
 - 2'-2" CYRUSONE HDPE
 - BLACK W/ WHITE STRIPE
 - BLACK W/ GREY STRIPE



SEE SHEET 18 TO MATCH SURVEY STA. 442+80

SEE SHEET 20 TO MATCH SURVEY STA. 449+80

| Page Base Off - Materials | | | |
|-------------------------------------|-------|--------------------|-----------------|
| Unit Code & Description | Units | Estimated Quantity | Actual Quantity |
| MAT-80150 - CONDUIT 8-2" HDPE SDR-9 | FT | 690 | |

| Page Base Off - Work Performed | | | |
|---|-------|--------------------|-----------------|
| Unit Code & Description | Units | Estimated Quantity | Actual Quantity |
| UGB-30050-S - TRENCH GREATER THAN 1500' TRENCH 48" MINIMUM COVER | FT | 690 | |
| UGB-30140-S - PLACE 1 - HDPE CONDUITS IN OPEN TRENCH UP TO 2" | FT | 690 | |
| UGB-30960-S - PLACE UP TO 288 COUNT FOC IN CONDUIT. UP TO 1500' | FT | 690 | |
| UGB-31060-S - REMOVE AND DISPOSE OF 1-144F CABLE | FT | 690 | |
| UGB-30150-S - PLACE ADDITIONAL HDPE IN OPEN TRENCH CONDUIT UP TO 2" | FT | 4,830 | |

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CALL BEFORE YOU DIG
1-800-545-8005
48 HOURS NOTICE REQUIRED

Level(3)
CONSTRUCTORS

LEVEL 3 ENGINEER:
KEITH HALL

ENGINEERING FIRM:
GOLDEN FIELD SERVICES

PROJECT NUMBER:
LOCATION: FM 1093 WESTPARK
EXTENSION - HOUSTON, TX

DRAWN/TAB: _____

SCALE: HOR: 1"=50'

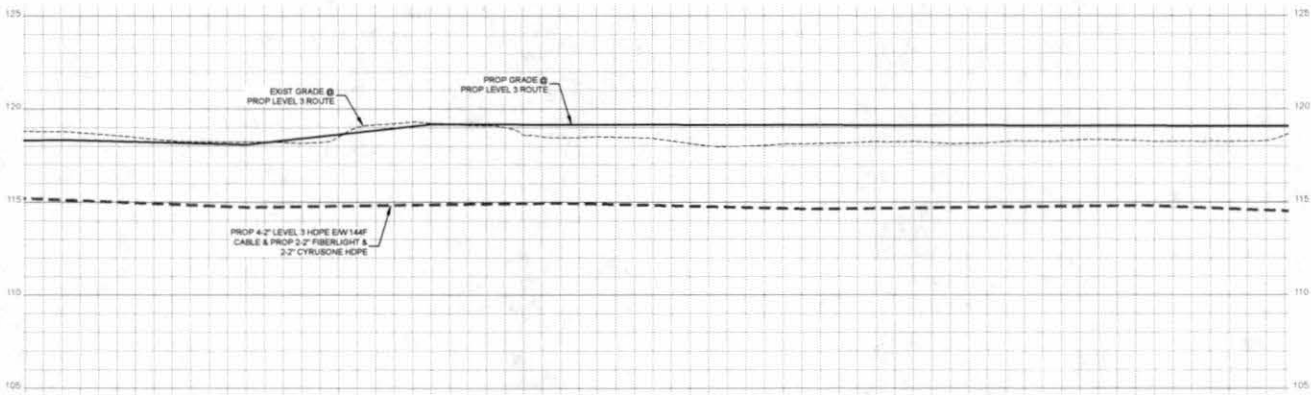
SHEET 19 OF 31

CONFIDENTIAL/PROPRIETARY

HOUSTON, TX
FORT BEND COUNTY



CONSTRUCTION NOTES



- CONTRACTOR NOTE**
CONTRACTOR MUST SUPPLY ALL HOPE CONDUITS AS NOTED BELOW
- 6\"/>**

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| NO. | DATE | ENG. DESIGN |
| 2-2-18 | | REVISION # 1 |
| 11-15-15 | | ORIGINAL |
| | | COMMENT |



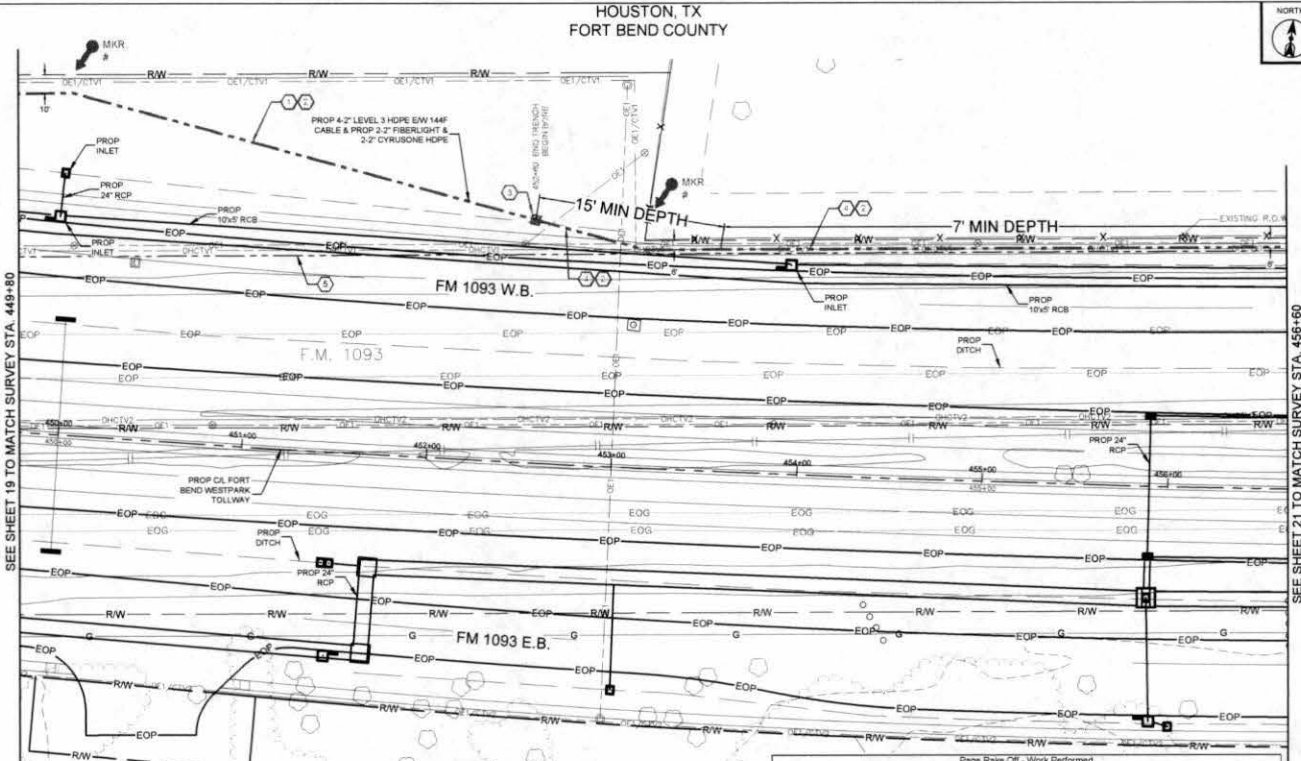
LEVEL 3 ENGINEER
KEITH HILL
ENGINEERING FIRM
GOLDEN FIELD SERVICES
PROJECT NUMBER
LOCATION: FM 1083 WESTPARK
EXTENSION - HOUSTON, TX
DRAWING NAME
SCALE: VERT: 1"=4'
SHEET 19A OF 31
CONFIDENTIAL/PROPRIETARY



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CALL BEFORE YOU DIG.
1-800-545-8000
48 HOURS NOTICE REQUIRED

HOUSTON, TX
FORT BEND COUNTY



- CONSTRUCTION NOTES**
- CONDUIT OWNER LEVELS
CONDUIT LENGTH: 500'
CONDUIT CITY: B
CONDUIT SIZE: 2"
CONDUIT TYPE: HDPE
NOTES: BORE 8-2" HDPE
 - CABLE FIBERS: 144F
CABLE OWNER LEVELS
CABLE LENGTH: 800'
 - PROPOSED BORE PIT
 - CONDUIT OWNER LEVELS
CONDUIT LENGTH: 400'
CONDUIT CITY: B
CONDUIT SIZE: 2"
CONDUIT TYPE: HDPE
NOTES: BORE 8-2" HDPE
 - CABLE FIBERS: 144F
CABLE OWNER LEVELS
CABLE LENGTH: 800'
NOTES: REMOVE 144F CABLE

CONTRACTOR NOTE
CONTRACTOR MUST SUPPLY ALL HDPE CONDUITS AS NOTED BELOW.

- 8-2" HDPE CONFIGURATION
- 4-2" LEVEL(S)
- BLACK W/ PURPLE STRIPE
 - BLACK W/ ORANGE STRIPE
 - BLACK W/ GREEN STRIPE
 - BLACK W/ BROWN STRIPE
- 2-2" FIBERLIGHT
- BLACK W/ RED STRIPE
 - BLACK W/ BLUE STRIPE
 - 2-2" CYRUSONE
 - BLACK W/ WHITE STRIPE
 - BLACK W/ GREY STRIPE

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|----------|------|----|--------------|
| NO. | DATE | BY | DESIGN |
| 1 | | | AS-BUILT |
| 2-2-18 | | | REVISION # 1 |
| 11-15-19 | | | ORIGINAL |
| | | | DATE |
| | | | COMMENT |

Level(3)
CONSTRUCTORS

LEVEL 3 ENGINEER
KATH HILL

ENGINEERING FIRM
GOLDEN FIELD SERVICES

PROJECT NUMBER:
LOCATION: FM 1093 WESTPARK
EXTENSION - HOUSTON, TX

DRAWING TITLE:
SCALE: HOR 1"=50'

SHEET 20 OF 31
CONFIDENTIAL/PROPRIETARY

SEE SHEET 19 TO MATCH SURVEY STA. 449+80

SEE SHEET 21 TO MATCH SURVEY STA. 456+60

Page Rate Off - Materials

| Unit Code & Description | Units | Estimated Quantity | Actual Quantity |
|---|-------|--------------------|-----------------|
| MAT-90150 - CONDUIT, 8-2" HDPE SDR-9 | FT | 680 | |
| MAT-92090 - WARNING TAGS AND/OR MARKERS | EA | 2 | |

Page Rate Off - Work Performed

| Unit Code & Description | Units | Estimated Quantity | Actual Quantity |
|---|-------|--------------------|-----------------|
| UGB-30050-S - TRENCH GREATER THAN 1500' TRENCH 48" MINIMUM COVER | FT | 280 | |
| UGB-30140-S - PLACE 1 - HDPE CONDUITS IN OPEN TRENCH UP TO 2" | FT | 280 | |
| UGB-30690-S - DIRECTIONAL BORE GREATER THAN 1500' 1 HDPE CONDUIT UP TO 2" | FT | 400 | |
| UGB-30960-S - PLACE UP TO 288 COUNT FOC IN CONDUIT, UP TO 1500' | FT | 680 | |
| UGB-31540-S - EXCAVATE SMALL PIT, 8'X4'X3' | EA | 1 | |
| UGB-31660-S - REMOVE AND DISPOSE OF 1-144F CABLE | FT | 680 | |
| UGB-31990-S - PLACE LOCATE MARKER POST | EA | 2 | |
| UGB-30150-S - PLACE ADDITIONAL HDPE IN OPEN TRENCH CONDUIT UP TO 2" | FT | 1,960 | |
| UGB-30700-S - DIR BORE GREATER THAN 1500' ADDITIONAL CONDUIT UP TO 2" | FT | 2,800 | |

UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND FIELD OBSERVATIONS BUT ARE NOT NECESSARILY EXACT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD LOCATE ALL UNDERGROUND OBSTRUCTIONS AND UTILITIES PRIOR TO CONSTRUCTION. COMPLETE REPAIR OF ANY AND ALL DAMAGES INCURRED SHALL BE AT THE EXPENSE OF THE CONTRACTOR.

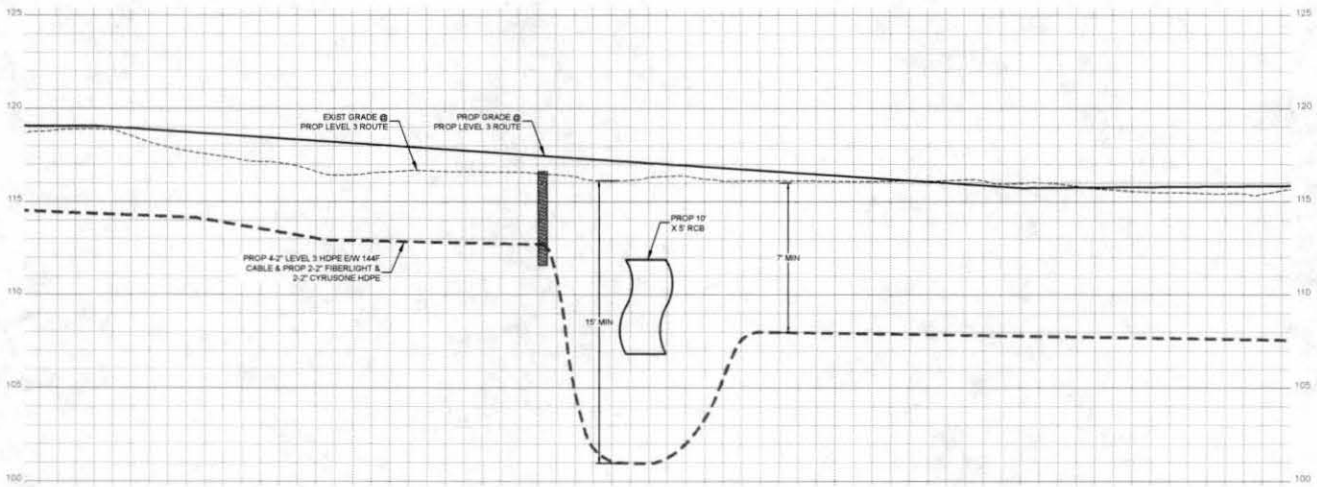


CALL BEFORE YOU DIG
1-800-545-8005
48 HOURS NOTICE REQUIRED

HOUSTON, TX
FORT BEND COUNTY



CONSTRUCTION NOTES



- CONTRACTOR NOTE:**
CONTRACTOR MUST SUPPLY ALL HDPE CONDUITS AS NOTED BELOW.
- 8 2" HDPE CONFIGURATION
- 4 2" LEVEL(S)
 - BLACK W/ PURPLE STRIPE
 - BLACK W/ ORANGE STRIPE
 - BLACK W/ GREEN STRIPE
 - BLACK W/ BROWN STRIPE
- 3 2" FIBERLIGHT
- BLACK W/ RED STRIPE
 - BLACK W/ BLUE STRIPE
- 2 2" CYRUSONE
- BLACK W/ WHITE STRIPE
 - BLACK W/ GREY STRIPE

| NO | DATE | END DESIGN |
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| 1 | | |
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Level(3)
ENGINEERING

LEVEL 3 ENGINEER
KEITH HALL
ENGINEERING FIRM
GOLDEN FIELD SERVICES

PROJECT NUMBER:
LOCATION: 78100 WESTPARK
EXTENSION - HOUSTON, TX
DRAWING NAME:

SCALE: VERT: 1"=4'
SHEET 20A OF 31
CONFIDENTIAL/PROPRIETARY

UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND FIELD OBSERVATIONS BUT ARE NOT NECESSARILY EXACT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD LOCATE ALL UNDERGROUND OBSTRUCTIONS AND UTILITIES PRIOR TO CONSTRUCTION. COMPLETE REPAIR OF ANY AND ALL DAMAGES INCURRED SHALL BE AT THE EXPENSE OF THE CONTRACTOR.



CALL BEFORE YOU DIG
1-800-545-8006
48 HOURS NOTICE REQUIRED

HOUSTON, TX
FORT BEND COUNTY



CONSTRUCTION NOTES

- 1 CONDUIT OWNER LEVEL3
CONDUIT LENGTH 690'
CONDUIT UTI 5
CONDUIT SIZE 2"
CONDUIT TYPE HDPE
NOTE: BORE 8-1/2" MKR
- 2 CABLE FIBERS 144F
CABLE OWNER LEVEL3
CABLE LENGTH 690'
- 3 CABLE FIBERS 144F
CABLE OWNER LEVEL3
CABLE LENGTH 690'
NOTE: REMOVE 144F CABLE

CONTRACTOR NOTE
CONTRACTOR MUST SUPPLY
ALL HDPE CONDUITS AS
NOTED BELOW

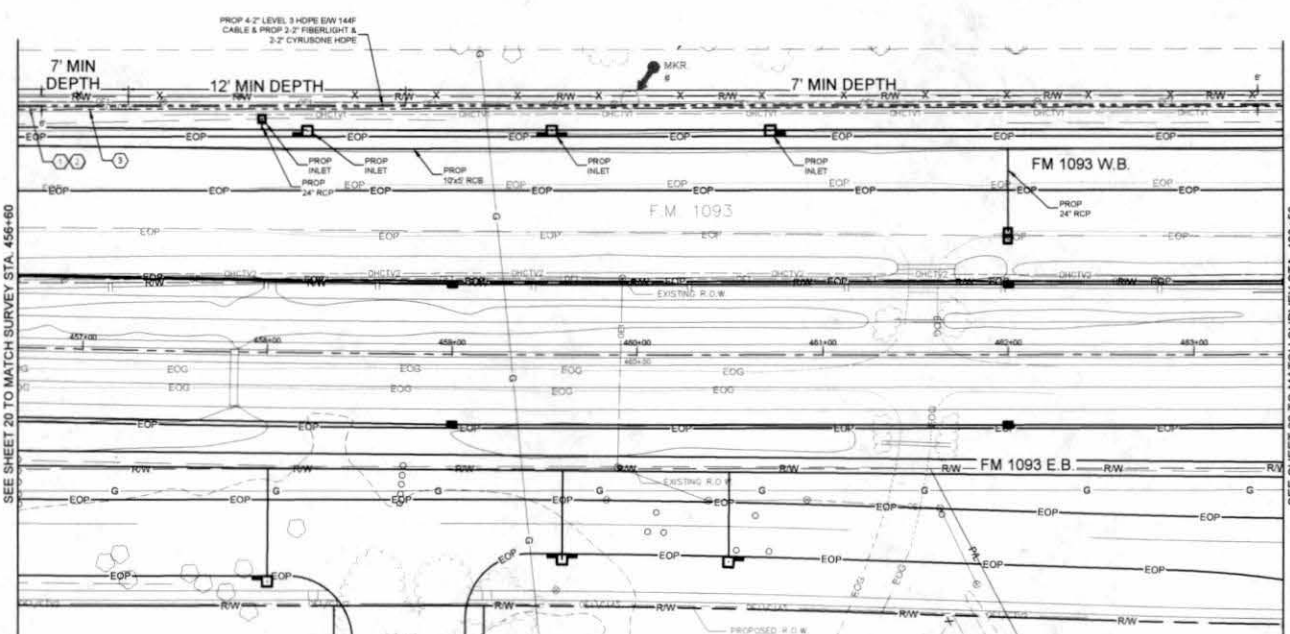
- 8-2" HDPE CONFIGURATION
- 4-2" LEVEL(2)
 - BLACK W/ PURPLE STRIPE
 - BLACK W/ ORANGE STRIPE
 - BLACK W/ GREEN STRIPE
 - BLACK W/ BROWN STRIPE
 - 2-2" FIBERLIGHT
 - BLACK W/ RED STRIPE
 - BLACK W/ BLUE STRIPE
 - 2-2" CYRUSONE
 - BLACK W/ WHITE STRIPE
 - BLACK W/ GREY STRIPE

| NO. | DATE | ENG. DESIGN |
|----------|------|-----------------|
| 1 | | AS-BUILT |
| 2-2-18 | | REVISION # 1 |
| 11-13-15 | | ORIGINAL |
| | | DRAWING COMMENT |

Level(3)
CONSTRUCTION

LEVEL 3 ENGINEER
KEITH HALL
ENGINEERING/FIRM
GOLDEN FIELD SERVICES
PROJECT NUMBER:
LOCATION: FM 1093 WESTPARK
EXTENSION, HOUSTON, TX
DRAWING DATE:

SCALE: HOR 1"=50'
SHEET 21 OF 31
CONFIDENTIAL/PROPRIETARY



SEE SHEET 20 TO MATCH SURVEY STA. 456+60

SEE SHEET 22 TO MATCH SURVEY STA. 463+50

| Page Take Off - Materials | | | |
|---|-------|--------------------|-----------------|
| Unit Code & Description | Units | Estimated Quantity | Actual Quantity |
| MAT-30150 - CONDUIT 8-2" HDPE SDR-9 | FT | 690 | |
| MAT-52050 - WARNING TAGS AND/OR MARKERS | EA | 1 | |

| Page Take Off - Work Performed | | | |
|---|-------|--------------------|-----------------|
| Unit Code & Description | Units | Estimated Quantity | Actual Quantity |
| UGB-30690-S - DIRECTIONAL BORE GREATER THAN 1500' 1 HDPE CONDUIT UP TO 2" | FT | 690 | |
| UGB-30660-S - PLACE UP TO 288 COUNT FOC IN CONDUIT UP TO 1500' | FT | 690 | |
| UGB-31060-S - REMOVE AND DISPOSE OF 1-144F CABLE | FT | 690 | |
| UGB-31990-S - PLACE LOCATE MARKER POST | EA | 1 | |
| UGB-30700-S - DIR. BORE GREATER THAN 1500' ADDITIONAL CONDUIT UP TO 2" | FT | 4,830 | |



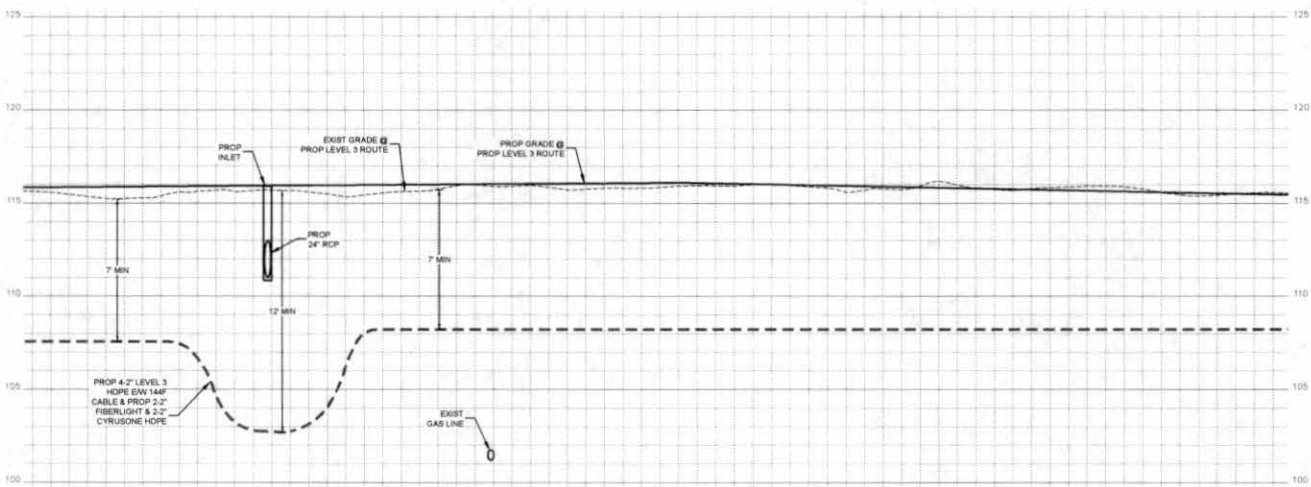
CALL BEFORE YOU DIG
1-800-545-8000
48 HOURS NOTICE REQUIRED

UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND FIELD OBSERVATIONS BUT ARE NOT NECESSARILY EXACT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD LOCATE ALL UNDERGROUND OBSTRUCTIONS AND UTILITIES PRIOR TO CONSTRUCTION. COMPLETE REPAIR OF ANY AND ALL DAMAGES INCURRED SHALL BE AT THE EXPENSE OF THE CONTRACTOR.

HOUSTON, TX
FORT BEND COUNTY



CONSTRUCTION NOTES



- CONTRACTOR NOTE**
CONTRACTOR MUST SUPPLY ALL HDPE CONDUITS AS NOTED BELOW
- 8.2\"/>**

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Level(3)
ENGINEERS

LEVEL 3 ENGINEER:
NETH HALL

ENGINEERING FIRM:
GOLDEN FIELD SERVICES

PROJECT NUMBER:
LOCATION: FW 105 WESTPARK
EXTENSION - HOUSTON, TX

DRAWING NAME:

SCALE: VERT. 1"=4'

SHEET 21A OF 31

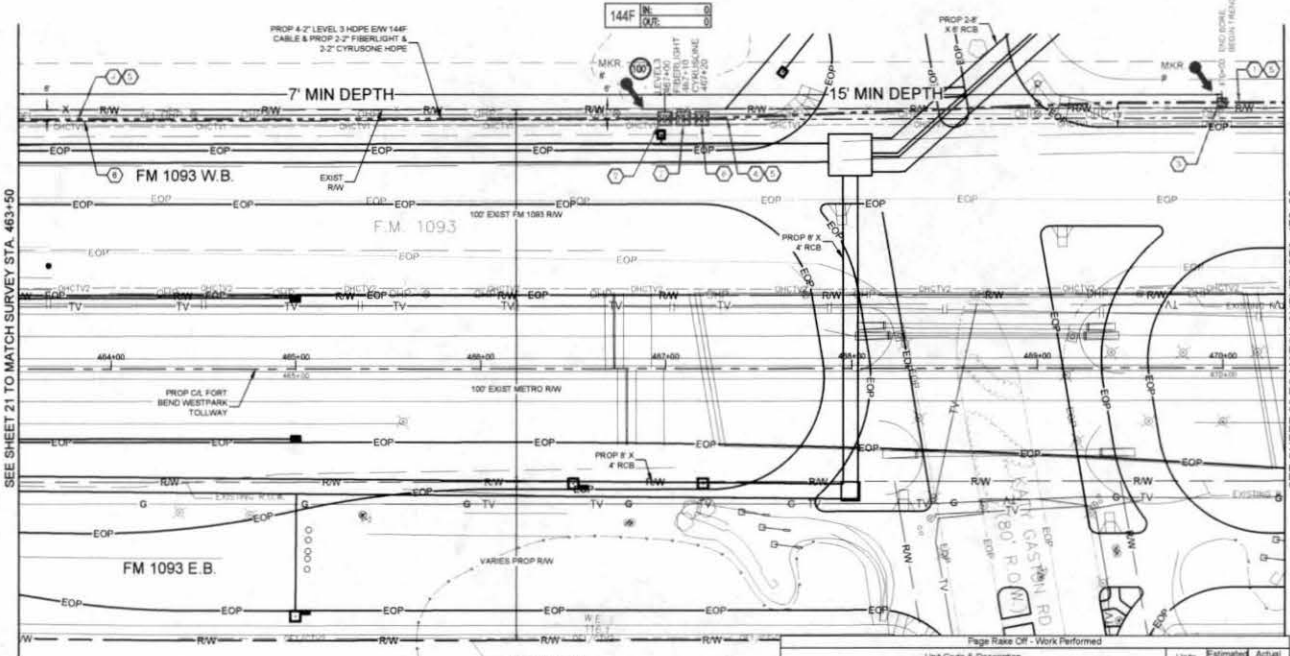
CONFIDENTIAL/PROPRIETARY



UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND FIELD OBSERVATIONS BUT ARE NOT NECESSARILY EXACT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD LOCATE ALL UNDERGROUND OBSTRUCTIONS AND UTILITIES PRIOR TO CONSTRUCTION. COMPLETE REPAIR OF ANY AND ALL DAMAGES INCURRED SHALL BE AT THE EXPENSE OF THE CONTRACTOR.

CALL BEFORE YOU DIG
1-800-545-6000
48 HOURS NOTICE REQUIRED

HOUSTON, TX
FORT BEND COUNTY



CONSTRUCTION NOTES

- 1 CONDUIT OWNER LEVEL 3
CONDUIT LENGTH 30'
CONDUIT SIZE 2"
CONDUIT TYPE SDR
NOTES: TRENCH 8'-2" DEPTH
- 2 LEVEL INHIBITABLE
COIL 150' 1-1/4" IN DIA
PROPOSED BOREHOLE
- 3 CONDUIT OWNER LEVEL 3
CONDUIT LENGTH 150'
CONDUIT SIZE 2"
CONDUIT TYPE SDR
NOTES: BORE 8'-2" DEPTH
- 4 CABLE PILES: 144F
CABLE OWNER LEVEL 3
CABLE LENGTH 150'
- 5 CABLE PILES: 144F
CABLE OWNER LEVEL 3
CABLE LENGTH 150'
NOTES: REAR 144F CABLE
- 6 FIBERLIGHT INHIBITABLE
- 7 CYRUSONE INHIBITABLE

CONTRACTOR NOTE:
CONTRACTOR MUST SUPPLY
ALL HDPE CONDUITS AS
NOTED BELOW

8'-2" HDPE CONFIGURATION
4'-2" LEVEL(D)
○ BLACK W/ PURPLE STRIPE
○ BLACK W/ ORANGE STRIPE
○ BLACK W/ GREEN STRIPE
○ BLACK W/ BROWN STRIPE

2'-2" FIBERLIGHT
○ BLACK W/ RED STRIPE
○ BLACK W/ BLUE STRIPE
○ 2'-2" CYRUSONE
○ BLACK W/ WHITE STRIPE
○ BLACK W/ GREY STRIPE

SEE SHEET 21 TO MATCH SURVEY STA. 463+50

SEE SHEET 23 TO MATCH SURVEY STA. 470+30

| Page Take Off - Materials | | | |
|---|-------|--------------------|-----------------|
| Unit Code & Description | Units | Estimated Quantity | Actual Quantity |
| MAT-80150 - CONDUIT 8-2" HDPE SDR-8 | FT | 680 | |
| MAT-80970 - TIER 15 30'X48'X36" WITH KNOCK-OUTS AND RACKING - INCLUDING COVER | EA | 3 | |
| MAT-82090 - WARNING TAGS AND/OR MARKERS | EA | 2 | |

| Page Take Off - Work Performed | | | |
|---|-------|--------------------|-----------------|
| Unit Code & Description | Units | Estimated Quantity | Actual Quantity |
| UGB-30050-S - TRENCH GREATER THAN 1500' TRENCH 48" MINIMUM COVER | FT | 30 | |
| UGB-30140-S - PLACE 1" HDPE CONDUITS IN OPEN TRENCH UP TO 2" | FT | 30 | |
| UGB-30890-S - DIRECTIONAL BORE GREATER THAN 1500' 1 HDPE CONDUIT UP TO 2" | FT | 650 | |
| UGB-30980-S - PLACE UP TO 288 COUNT FOC IN CONDUIT UP TO 1500' (100' IN COIL) | FT | 780 | |
| UGB-31270-S - PLACE NEW - 30'x48'x36" - NON-CONCRETE HANDHOLE | EA | 3 | |
| UGB-31640-S - EXCAVATE SMALL PIT 6'X4'X3' | EA | 1 | |
| UGB-31090-S - REMOVE AND DISPOSE OF 1-144F CABLE | FT | 680 | |
| UGB-31990-S - PLACE LOCATE MARKER POST | EA | 2 | |
| UGB-30150-S - PLACE ADDITIONAL HDPE IN OPEN TRENCH CONDUIT UP TO 2" | FT | 210 | |
| UGB-30700-S - DIR. BORE GREATER THAN 1500' ADDITIONAL CONDUIT UP TO 2" | FT | 4,550 | |



CALL BEFORE YOU DIG
1-800-545-6005
48 HOURS NOTICE REQUIRED

UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND FIELD OBSERVATIONS BUT ARE NOT NECESSARILY EXACT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD LOCATE ALL UNDERGROUND OBSTRUCTIONS AND UTILITIES PRIOR TO CONSTRUCTION. COMPLETE REPAIR OF ANY AND ALL DAMAGES INCURRED SHALL BE AT THE EXPENSE OF THE CONTRACTOR.

Level(3)
CONCRETE

LEVEL 3 ENGINEER
KEITH HALL

ENGINEERING FIRM
GOLDEN FIELD SERVICES

PROJECT NUMBER:
LOCATION: FM 1093 WESTPARK
EXTENSION - HOUSTON, TX

DATE: NOV 14/00

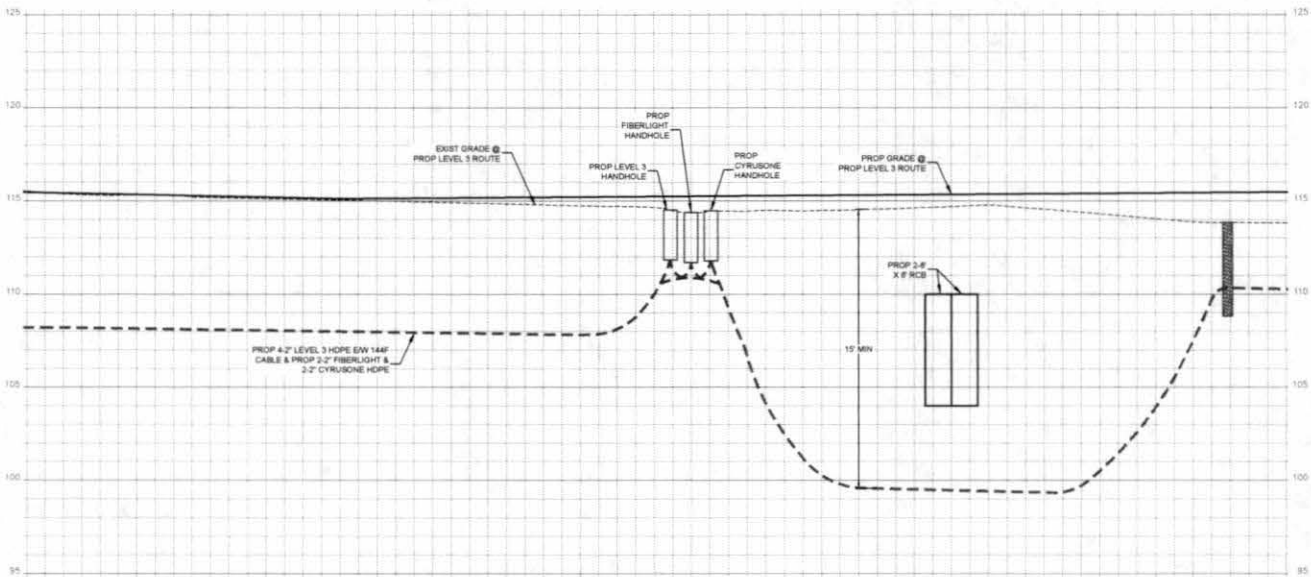
SHEET 22 OF 31

CONFIDENTIAL/PROPRIETARY

HOUSTON, TX
FORT BEND COUNTY



CONSTRUCTION NOTES



PROP 4-2" LEVEL 3 HOPE EW 144F
CABLE & PROP 2-2" FIBERLIGHT &
2-2" CYRUSONE HOPE

PROP 2-#
X 8 RCB

15' MIN

- CONTRACTOR NOTE
CONTRACTOR MUST SUPPLY
ALL HOPE CONDUITS AS
NOTED BELOW
- 6-2" HOPE CONFIGURATION
- 4-2" LEVEL(3)
- BLACK W/ PURPLE STRIPE
 - BLACK W/ ORANGE STRIPE
 - BLACK W/ GREEN STRIPE
 - BLACK W/ BROWN STRIPE
- 2-2" FIBERLIGHT
- BLACK W/ RED STRIPE
 - BLACK W/ BLUE STRIPE
- 2-2" CYRUSONE
- BLACK W/ WHITE STRIPE
 - BLACK W/ GREY STRIPE



CALL BEFORE YOU DIG
1-800-545-8005
48 HOURS NOTICE REQUIRED

UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND FIELD OBSERVATIONS BUT ARE NOT NECESSARILY EXACT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD LOCATE ALL UNDERGROUND OBSTRUCTIONS AND UTILITIES PRIOR TO CONSTRUCTION. COMPLETE REPAIR OF ANY AND ALL DAMAGES INCURRED SHALL BE AT THE EXPENSE OF THE CONTRACTOR

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| NO | DATE | BY | REASON |
| | | | AS-BUILT |
| | | | REVISION # 1 |
| 11-13-19 | | | ORIGINAL |
| | | | DRAWING COMMENT |

Level(3)
CORPORATION

LEVEL 3 ENGINEER
KEITH HILL

ENGINEERING FIRM
GOLDEN FIELD SERVICES

PROJECT NUMBER

LOCATION: FM 155 WESTPARK
EXTENSION - HOUSTON, TX

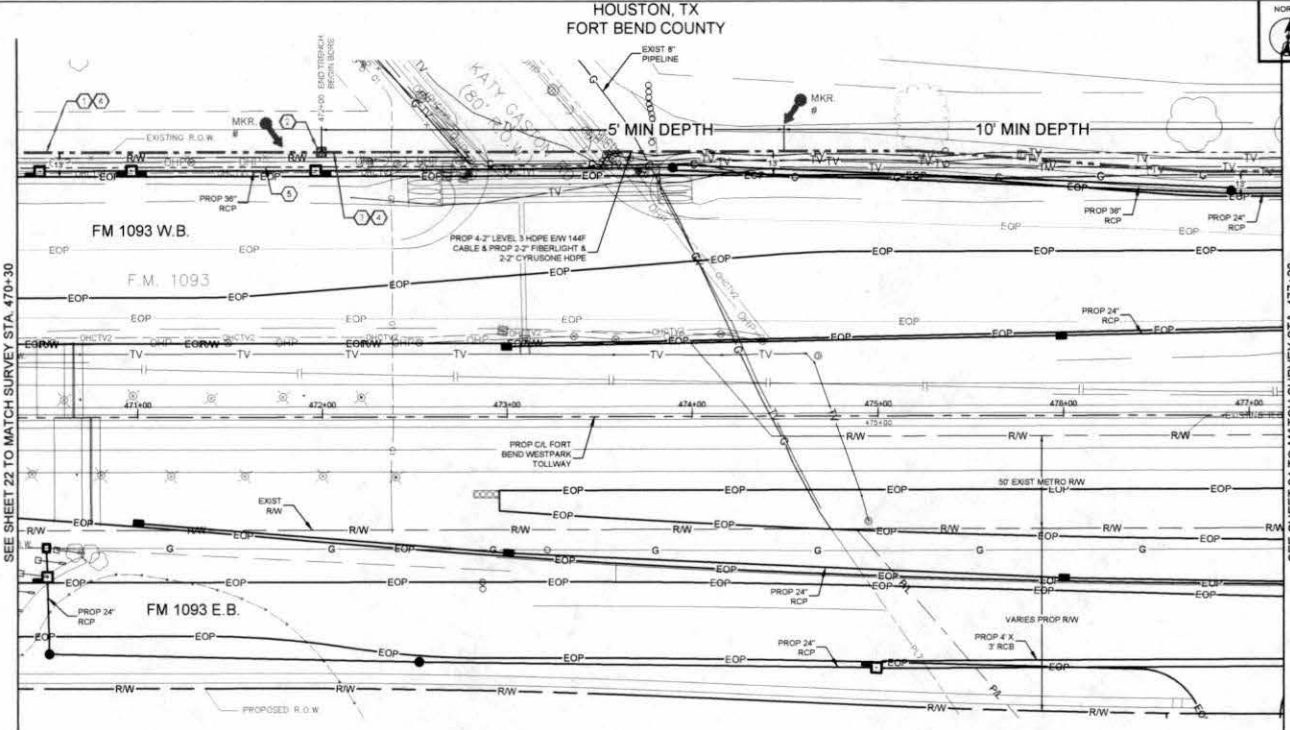
DRAWING DATE

SCALE: VERT 1"=8'

SHEET 22A OF 31

CONFIDENTIAL/PROPRIETARY

HOUSTON, TX
FORT BEND COUNTY



- CONSTRUCTION NOTES**
- CONDUIT OWNER: LEVEL 3
CONDUIT LENGTH: 170'
CONDUIT SIZE: 8"
CONDUIT TYPE: HDPE
NOTES: TRENCH 8"-2" HDPE
PROPOSED BOREHOLE
 - CONDUIT OWNER: LEVEL 3
CONDUIT LENGTH: 555'
CONDUIT SIZE: 8"
CONDUIT TYPE: HDPE
NOTES: BORE 8"-2" HDPE
 - CABLE FIBERS: 144F
CABLE OWNER: LEVEL 3
CABLE LENGTH: 800'
 - CABLE FIBERS: 144F
CABLE OWNER: LEVEL 3
CABLE LENGTH: 800'
NOTES: REMOVE 144F CABLE

- CONTRACTOR NOTE**
CONTRACTOR MUST SUPPLY ALL HDPE CONDUITS AS NOTED BELOW.
- 8"-2" HDPE CONFIGURATION
- 4"-2" LEVEL(3)
- BLACK W/ PURPLE STRIPE
 - BLACK W/ ORANGE STRIPE
 - BLACK W/ GREEN STRIPE
 - BLACK W/ BROWN STRIPE
- 2"-2" FIBERLIGHT
- BLACK W/ RED STRIPE
 - BLACK W/ BLUE STRIPE
 - 2"-2" CYRUSONE
 - BLACK W/ WHITE STRIPE
 - BLACK W/ GREY STRIPE

SEE SHEET 22 TO MATCH SURVEY STA. 470-30

SEE SHEET 24 TO MATCH SURVEY STA. 477-20

Page Take Off - Materials

| Unit Code & Description | Units | Estimated Quantity | Actual Quantity |
|---|-------|--------------------|-----------------|
| MAT-90150 - CONDUIT 8-2" HDPE SDR-9 | FT | 690 | |
| MAT-92080 - WARNING TAGS AND/OR MARKERS | EA | 2 | |

Page Take Off - Work Performed

| Unit Code & Description | Units | Estimated Quantity | Actual Quantity |
|---|-------|--------------------|-----------------|
| UGB-30050-S - TRENCH GREATER THAN 1500' TRENCH 48" MINIMUM COVER | FT | 170 | |
| UGB-30140-S - PLACE 1 - HDPE CONDUITS IN OPEN TRENCH UP TO 2" | FT | 170 | |
| UGB-30690-S - DIRECTIONAL BORE GREATER THAN 1500' 1 HDPE CONDUIT UP TO 2" | FT | 520 | |
| UGB-30960-S - PLACE UP TO 288 COUNT FOC IN CONDUIT. UP TO 1500' | FT | 690 | |
| UGB-31640-S - EXCAVATE SMALL PIT 6'X4'X3' | EA | 1 | |
| UGB-31060-S - REMOVE AND DISPOSE OF 1-144F CABLE | FT | 690 | |
| UGB-31990-S - PLACE LOCATE MARKER POST | EA | 2 | |
| UGB-30150-S - PLACE ADDITIONAL HDPE IN OPEN TRENCH CONDUIT UP TO 2" | FT | 1,190 | |
| UGB-30700-S - DIR. BORE GREATER THAN 1500' ADDITIONAL CONDUIT UP TO 2" | FT | 3,640 | |

UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND FIELD OBSERVATIONS BUT ARE NOT NECESSARILY EXACT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD LOCATE ALL UNDERGROUND OBSTRUCTIONS AND UTILITIES PRIOR TO CONSTRUCTION. COMPLETE REPAIR OF ANY AND ALL DAMAGES INCURRED SHALL BE AT THE EXPENSE OF THE CONTRACTOR.



Level 3
CORPORATION

LEVEL 3 ENGINEER
KEITH HILL

ENGINEERING FIRM
GOLDEN FIELD SERVICES

PROJECT NUMBER:
LOCATION: FM 1093 WESTPARK
EXTENSION - HOUSTON, TX

DRAWING TITLE:
SCALE: HOR 1"=50'

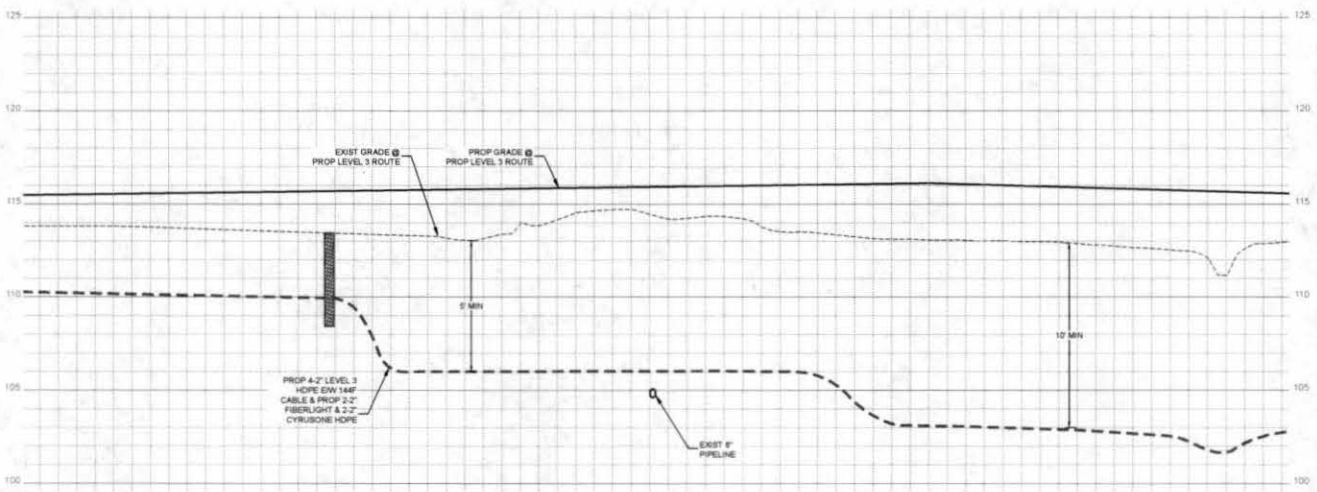
SHEET 23 OF 31

CONFIDENTIAL/PROPRIETARY

HOUSTON, TX
FORT BEND COUNTY



CONSTRUCTION NOTES



- CONTRACTOR NOTE**
CONTRACTOR MUST SUPPLY ALL HOPE CONDUITS AS NOTED BELOW
- 8-2\"/>**

| NO. | DATE | ENG. DESIGN |
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| 1 | | |
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| 3 | | |

Level(3)
COMMUNICATIONS

LEVEL 3 ENGINEER
KEITH HALL

ENGINEERING FIRM
GOLDEN FIELD SERVICES

PROJECT NUMBER:
LOCATION: FM 1263 WESTPARK
EXTENSION - HOUSTON, TX

DRAWING NAME:

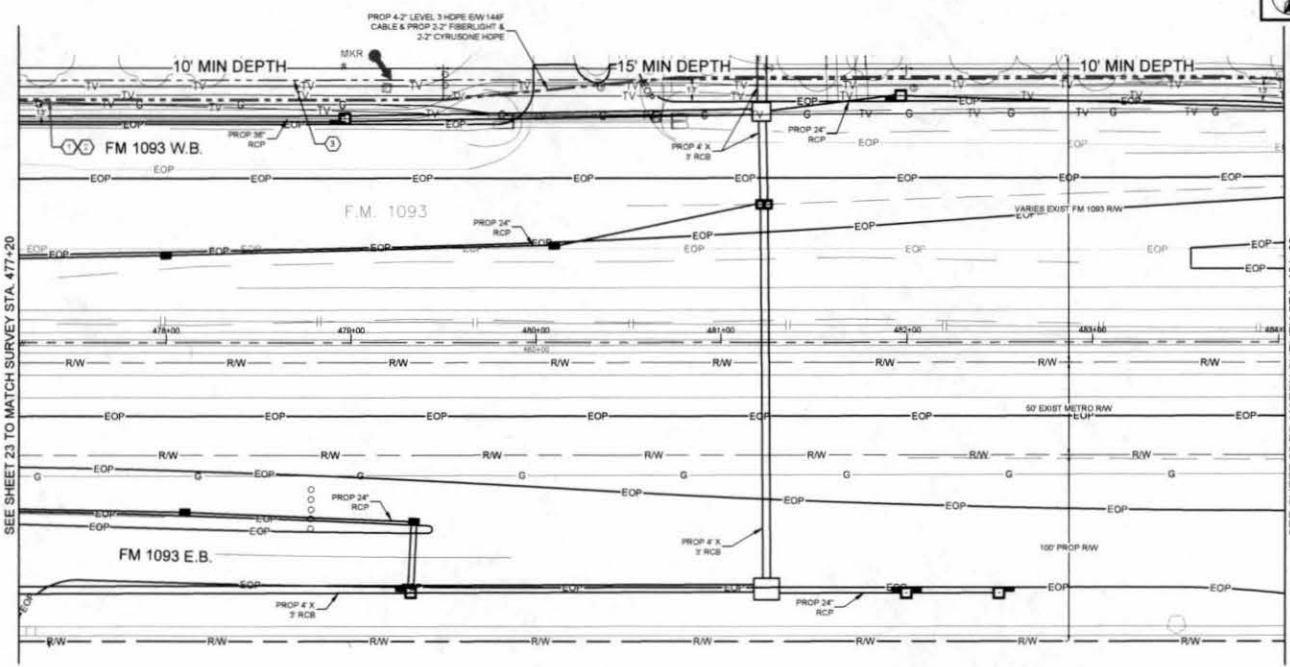
SCALE: VERT. 1"=8'
SHEET 23A OF 31
CONFIDENTIAL/PROPRIETARY

UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND FIELD OBSERVATIONS BUT ARE NOT NECESSARILY EXACT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD LOCATE ALL UNDERGROUND OBSTRUCTIONS AND UTILITIES PRIOR TO CONSTRUCTION. COMPLETE REPAIR OF ANY AND ALL DAMAGES INCURRED SHALL BE AT THE EXPENSE OF THE CONTRACTOR.



CALL BEFORE YOU DIG
1-800-545-8005
48 HOURS NOTICE REQUIRED

HOUSTON, TX
FORT BEND COUNTY



CONSTRUCTION NOTES

- 1 CONDUIT OWNER: LEVEL3
CONDUIT LENGTH: 887'
CONDUIT SIZE: 4"
CONDUIT TYPE: HDPE
NOTES: BORE 8-1/2" HDPE
- 2 CABLE OWNER: LEVEL3
CABLE LENGTH: 887'
- 3 CABLE OWNER: LEVEL3
CABLE LENGTH: 887'
NOTES: REMOVE 144F CABLE

- CONTRACTOR NOTE
CONTRACTOR MUST SUPPLY
ALL HDPE CONDUITS AS
NOTED BELOW.
- 8-2" HDPE CONFIGURATION
- 4-2" LEVEL(3)
- BLACK W/ PURPLE STRIPE
 - BLACK W/ ORANGE STRIPE
 - BLACK W/ GREEN STRIPE
 - BLACK W/ BROWN STRIPE
- 2-2" FIBERLIGHT
- BLACK W/ RED STRIPE
 - BLACK W/ BLUE STRIPE
 - 2-2" CYRUSONE
 - BLACK W/ WHITE STRIPE
 - BLACK W/ GREY STRIPE

| Page Rate Off - Materials | | | |
|---|-------|-------------------|-----------------|
| Unit Code & Description | Units | Estimate Quantity | Actual Quantity |
| MAT-80150 - CONDUIT 8-2" HDPE SDR-9 | FT | 880 | |
| MAT-80290 - WARNING TAGS AND/OR MARKERS | EA | 1 | |

| Page Rate Off - Work Performed | | | |
|---|-------|-------------------|-----------------|
| Unit Code & Description | Units | Estimate Quantity | Actual Quantity |
| UGB-30900-S - DIRECTIONAL BORE GREATER THAN 1500' 1 HDPE CONDUIT UP TO 2" | FT | 880 | |
| UGB-30960-S - PLACE UP TO 288 COUNT FOC IN CONDUIT, UP TO 1500' | FT | 880 | |
| UGB-31260-S - REMOVE AND DISPOSE OF 1-144F CABLE | FT | 680 | |
| UGB-31990-S - PLACE LOCATE MARKER POST | EA | 1 | |
| UGB-30700-S - DIR BORE GREATER THAN 1500' ADDITIONAL CONDUIT UP TO 2" | FT | 4 780 | |

UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND FIELD OBSERVATIONS BUT ARE NOT NECESSARILY EXACT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD LOCATE ALL UNDERGROUND OBSTRUCTIONS AND UTILITIES PRIOR TO CONSTRUCTION. COMPLETE REPAIR OF ANY AND ALL DAMAGES INCURRED SHALL BE AT THE EXPENSE OF THE CONTRACTOR.



CALL BEFORE YOU DIG
1-800-545-9005
48 HOURS NOTICE REQUIRED

Level(3)
CONSTRUCTORS

LEVEL 3 ENGINEER
KEITH HALL

ENGINEERING FIRM
GOLDEN FIELD SERVICES

PROJECT NUMBER

LOCATION: FM 1093 WESTPARK
EXTENSION - HOUSTON, TX

TOWN/STATE

SCALE: HOR 1"=50'

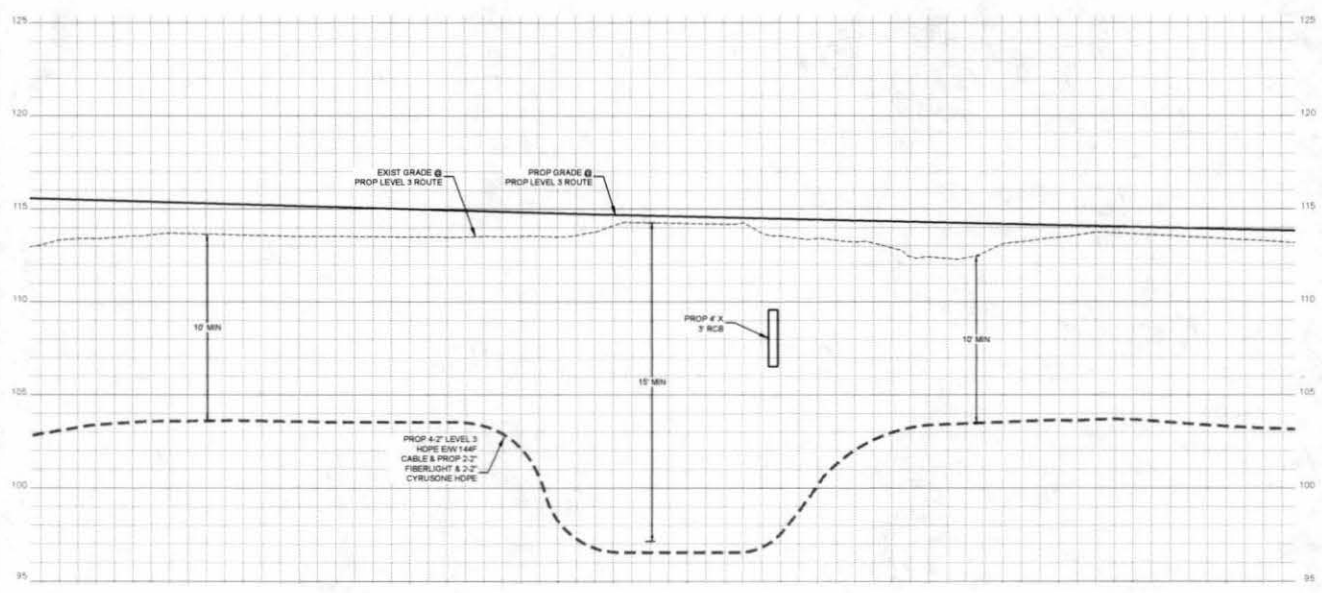
SHEET 24 OF 31

CONFIDENTIAL/PROPRIETARY

HOUSTON, TX
FORT BEND COUNTY



CONSTRUCTION NOTES



- CONTRACTOR NOTE**
CONTRACTOR MUST SUPPLY ALL HOPE CONDUITS AS NOTED BELOW
- 8-2\"/>**

| NO. | DATE | BY | REVISION |
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Level(3)
COMMUNICATIONS

LEVEL 3 ENGINEER
KEITH HALL
ENGINEERING FIRM
GOLDEN FIELD SERVICES
PROJECT NUMBER
LOCATION: FM 1093 WESTPARK
EXTENSION - HOUSTON, TX
DRAWING NAME

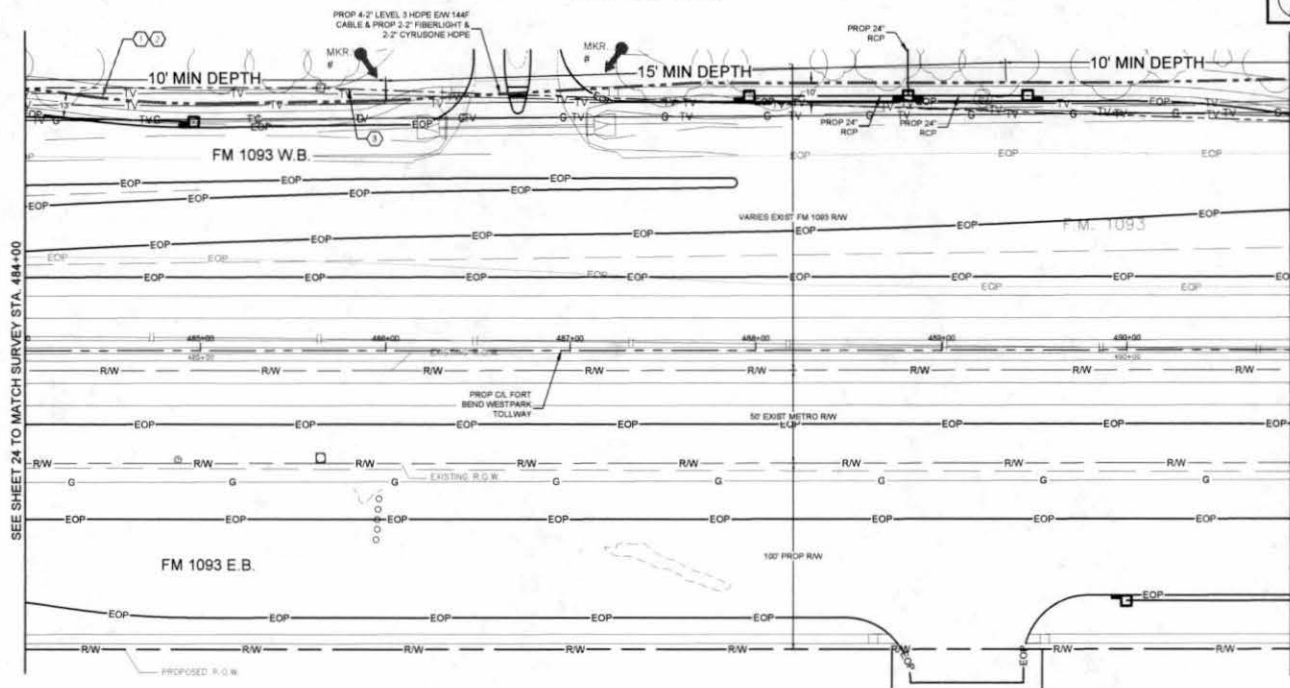
SCALE: VERT. 1"=4'
SHEET 24A OF 31
CONFIDENTIAL/PROPRIETARY

UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND FIELD OBSERVATIONS BUT ARE NOT NECESSARILY EXACT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD LOCATE ALL UNDERGROUND OBSTRUCTIONS AND UTILITIES PRIOR TO CONSTRUCTION. COMPLETE REPAIR OF ANY AND ALL DAMAGES INCURRED SHALL BE AT THE EXPENSE OF THE CONTRACTOR.



CALL BEFORE YOU DIG
1-800-545-6005
48 HOURS NOTICE REQUIRED

HOUSTON, TX
FORT BEND COUNTY



CONSTRUCTION NOTES

- 1 CONDUIT OWNER: LEVELS
CONDUIT LENGTH: 960'
CONDUIT SIZE: 8"
CONDUIT TYPE: HDPE
NOTES: BORE 8-2" HOPE
- 2 CABLE FREES: 144F
CABLE OWNER: LEVELS
CABLE LENGTH: 800'
- 3 CABLE FREES: 144F
CABLE OWNER: LEVELS
CABLE LENGTH: 800'
NOTES: REMOVE 144F CABLE

- CONTRACTOR NOTE:
CONTRACTOR MUST SUPPLY
ALL HOPE CONDUITS AS
NOTED BELOW
- 8-2" HOPE CONFIGURATION
- 4-2" LEVELS
- BLACK W/ PURPLE STRIPE
 - BLACK W/ ORANGE STRIPE
 - BLACK W/ GREEN STRIPE
 - BLACK W/ BROWN STRIPE
- 2-2" FIBERLIGHT
- BLACK W/ RED STRIPE
 - BLACK W/ BLUE STRIPE
- 2-2" CYRUSONE
- BLACK W/ WHITE STRIPE
 - BLACK W/ GREY STRIPE

| Page Rate Off - Materials | | | |
|---|-------|--------------------|-----------------|
| Unit Code & Description | Units | Estimated Quantity | Actual Quantity |
| MAT-8015D - CONDUIT 8-2" HOPE SDR-9 | FT | 990 | |
| MAT-92090 - WARNING TAGS AND/OR MARKERS | EA | 2 | |

| Page Rate Off - Work Performed | | | |
|--|-------|--------------------|-----------------|
| Unit Code & Description | Units | Estimated Quantity | Actual Quantity |
| UGB-30990-S - DIRECTIONAL BORE GREATER THAN 1500'; 1 HOPE CONDUIT UP TO 2" | FT | 990 | |
| UGB-30990-S - PLACE UP TO 288 COUNT FOC IN CONDUIT, UP TO 1500' | FT | 990 | |
| UGB-31090-S - REMOVE AND DISPOSE OF 1-144F CABLE | FT | 990 | |
| UGB-31990-S - PLACE LOCATE MARKER POST | EA | 2 | |
| UGB-30700-S - DR. BORE GREATER THAN 1500' ADDITIONAL CONDUIT UP TO 2" | FT | 4,930 | |



UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND FIELD OBSERVATIONS BUT ARE NOT NECESSARILY EXACT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD LOCATE ALL UNDERGROUND OBSTRUCTIONS AND UTILITIES PRIOR TO CONSTRUCTION. COMPLETE REPAIR OF ANY AND ALL DAMAGES INCURRED SHALL BE AT THE EXPENSE OF THE CONTRACTOR.

CALL BEFORE YOU DIG
1-800-545-8000
48 HOURS NOTICE REQUIRED

NO DATE ENG. DESIGN

2-2-18 REVISION # 1

11-13-15 ORIGINAL

Level(3)
CONSTRUCTORS

LEVEL 3 ENGINEER
KEITH HILLS

ENGINEERING FIRM
GOLDEN FIELD SERVICES

PROJECT NUMBER:
LOCATION: FM 1093 WESTPARK
EXTENSION - HOUSTON, TX

DRAWING NAME:

SCALE: HOR 1"=50'

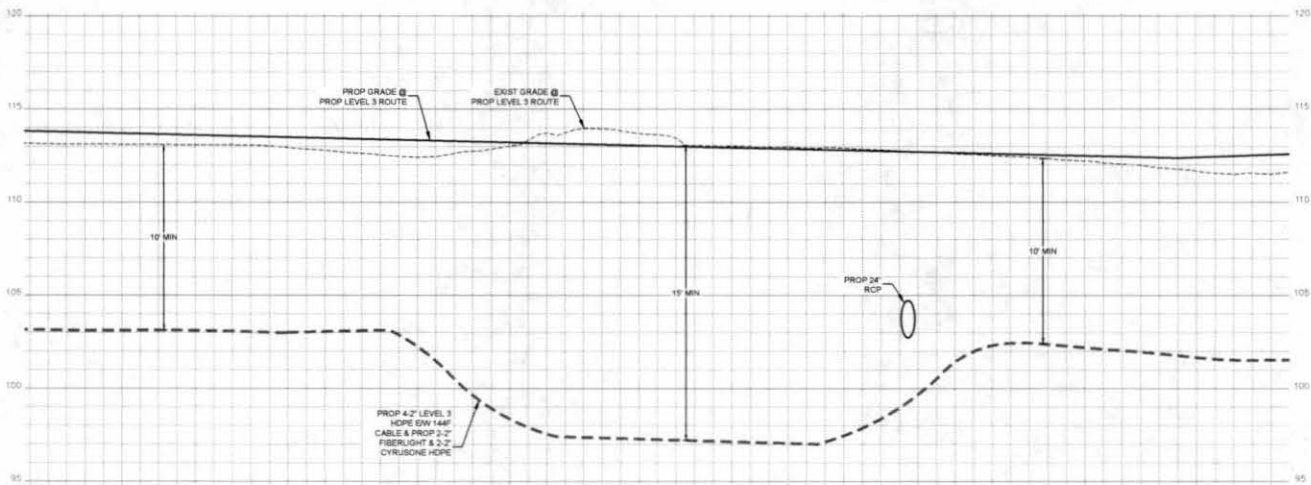
SHEET 25 OF 31

CONFIDENTIAL/PROPRIETARY

HOUSTON, TX
FORT BEND COUNTY



CONSTRUCTION NOTES



- CONTRACTOR NOTE:**
CONTRACTOR MUST SUPPLY ALL HOPE CONDUITS AS NOTED BELOW.
- 8-1/2" HOPE CONFIGURATION**
- 4-1/2" LEVEL(S)
- BLACK W/ PURPLE STRIPE
 - BLACK W/ ORANGE STRIPE
 - BLACK W/ GREEN STRIPE
 - BLACK W/ BROWN STRIPE
- 2-1/2" FIBERLIGHT
- BLACK W/ RED STRIPE
 - BLACK W/ BLUE STRIPE
- 2-1/2" CYRUSONE
- BLACK W/ WHITE STRIPE
 - BLACK W/ GREY STRIPE

| NO. | DATE | ENG. DESIGN |
|-----|------|-------------|
| 1 | | |
| 2 | | |
| 3 | | |

Level(3)
COMMUNICATIONS

LEVEL 3 ENGINEER
KEITH HALL

ENGINEERING FIRM
GOLDEN FIELD SERVICES

PROJECT NUMBER:
LOCATION: FM 106 WESTPARK
EXTENSION - HOUSTON, TX

DRAWING NAME:

SCALE: VERT: 1"=5'

SHEET 25A OF 31

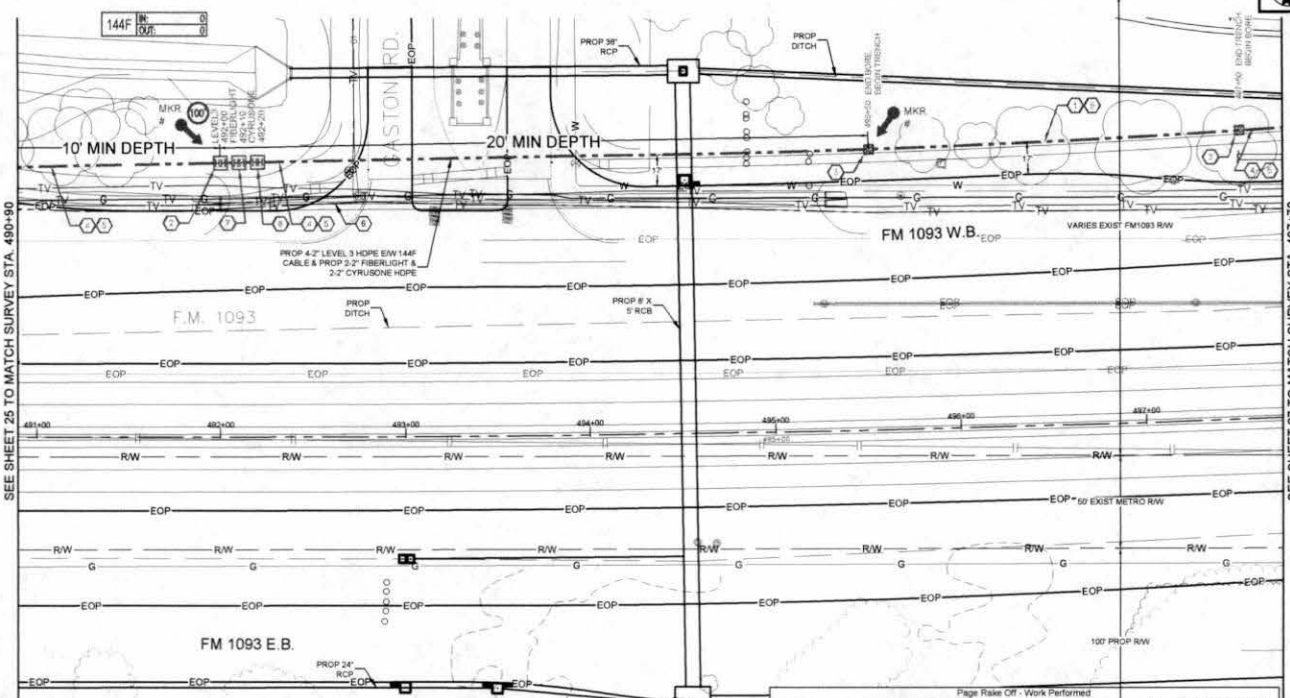
CONFIDENTIAL/PROPRIETARY



UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND FIELD OBSERVATIONS BUT ARE NOT NECESSARILY EXACT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD LOCATE ALL UNDERGROUND OBSTRUCTIONS AND UTILITIES PRIOR TO CONSTRUCTION. COMPLETE REPAIR OF ANY AND ALL DAMAGES INCURRED SHALL BE AT THE EXPENSE OF THE CONTRACTOR.

CALL BEFORE YOU DIG
1-800-545-8005
48 HOURS NOTICE REQUIRED

HOUSTON, TX
FORT BEND COUNTY



CONSTRUCTION NOTES

- 1 CONDUIT OWNER LEVELS
CONDUIT LENGTH 226'
CONDUIT QTY 5
CONDUIT SIZE 2"
CONDUIT TYPE HDPE
NOTES: REACK 8-2" HDPE
- 2 LEVELS HANDHOLE
COL. 100' 1-144" IN DIA
- 3 PROPOSED BOREPIT
- 4 CONDUIT OWNER LEVELS
CONDUIT LENGTH 467'
CONDUIT QTY 8
CONDUIT SIZE 2"
CONDUIT TYPE HDPE
NOTES: BORE 8-2" HDPE
- 5 CABLE FIBERS: 144F
CABLE OWNER: LEVELS
CABLE LENGTH 890'
NOTES: REACK 144F CABLE
- 6 CABLE FIBERS: 144F
CABLE OWNER: LEVELS
CABLE LENGTH 890'
NOTES: REACK 144F CABLE
- 7 FIBERLIGHT HANDHOLE
- 8 CYRUSONE HANDHOLE

CONTRACTOR NOTE
CONTRACTOR MUST SUPPLY
ALL HDPE CONDUITS AS
NOTED BELOW

8-2" HDPE CONFIGURATION

4-2" LEVELS

- BLACK W/ PURPLE STRIPE
- BLACK W/ ORANGE STRIPE
- BLACK W/ GREEN STRIPE
- BLACK W/ BROWN STRIPE
- 2-2" FIBERLIGHT
- BLACK W/ RED STRIPE
- BLACK W/ BLUE STRIPE
- 2-2" CYRUSONE
- BLACK W/ WHITE STRIPE
- BLACK W/ GREY STRIPE

SEE SHEET 25 TO MATCH SURVEY STA. 490+90

SEE SHEET 27 TO MATCH SURVEY STA. 497+70

| Page Make Off - Materials | | | |
|---|-------|--------------------|-----------------|
| Unit Code & Description | Units | Estimated Quantity | Actual Quantity |
| MAT-80150 - CONDUIT 8-2" HDPE SDR-9 | FT | 680 | |
| MAT-80970 - TIER 15 30"x48"x36" - WITH KNOCK-OUTS AND RACKING - INCLUDING COVER | EA | 3 | |
| MAT-82080 - WARNING TAGS AND/OR MARKERS | EA | 2 | |

| Page Make Off - Work Performed | | | |
|--|-------|--------------------|-----------------|
| Unit Code & Description | Units | Estimated Quantity | Actual Quantity |
| UGB-30050-S - TRENCH GREATER THAN 1500'; TRENCH 48" MINIMUM COVER | FT | 220 | |
| UGB-30140-S - PLACE 1 - HDPE CONDUITS IN OPEN TRENCH UP TO 2" | FT | 220 | |
| UGB-30690-S - DIRECTIONAL BORE GREATER THAN 1500'; 1 HDPE CONDUIT UP TO 2" | FT | 460 | |
| UGB-30960-S - PLACE UP TO 288 COILS FOC IN CONDUIT, UP TO 1500' (100' IN COIL) | FT | 780 | |
| UGB-31270-S - PLACE NEW - 30"x48"x36" - NON-CONCRETE HANDHOLE | EA | 3 | |
| UGB-31640-S - EXCAVATE SMALL PIT 6'X4'X3' | EA | 2 | |
| UGB-31060-S - REMOVE AND DISPOSE OF 1-144F CABLE | FT | 680 | |
| UGB-31990-S - PLACE LOCATE MARKER POST | EA | 2 | |
| UGB-30150-S - PLACE ADDITIONAL HDPE IN OPEN TRENCH CONDUIT UP TO 2" | FT | 1,540 | |
| UGB-30700-S - DIR. BORE GREATER THAN 1500'; ADDITIONAL CONDUIT UP TO 2" | FT | 3,220 | |



CALL BEFORE YOU DIG
1-800-545-6025
48 HOURS NOTICE REQUIRED

UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND FIELD OBSERVATIONS BUT ARE NOT NECESSARILY EXACT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD LOCATE ALL UNDERGROUND OBSTRUCTIONS AND UTILITIES PRIOR TO CONSTRUCTION. COMPLETE REPAIR OF ANY AND ALL DAMAGES INCURRED SHALL BE AT THE EXPENSE OF THE CONTRACTOR.

Level(3)
CONSTRUCT

LEVEL 3 ENGINEER
KEITH HALL

ENGINEERING FIRM
GOLDEN FIELD SERVICES

PROJECT NUMBER:
LOCATION: FM 1093 WESTPARK
EXTENSION - HOUSTON, TX

DRAWING NAME:

SCALE: HOR 1"=50'

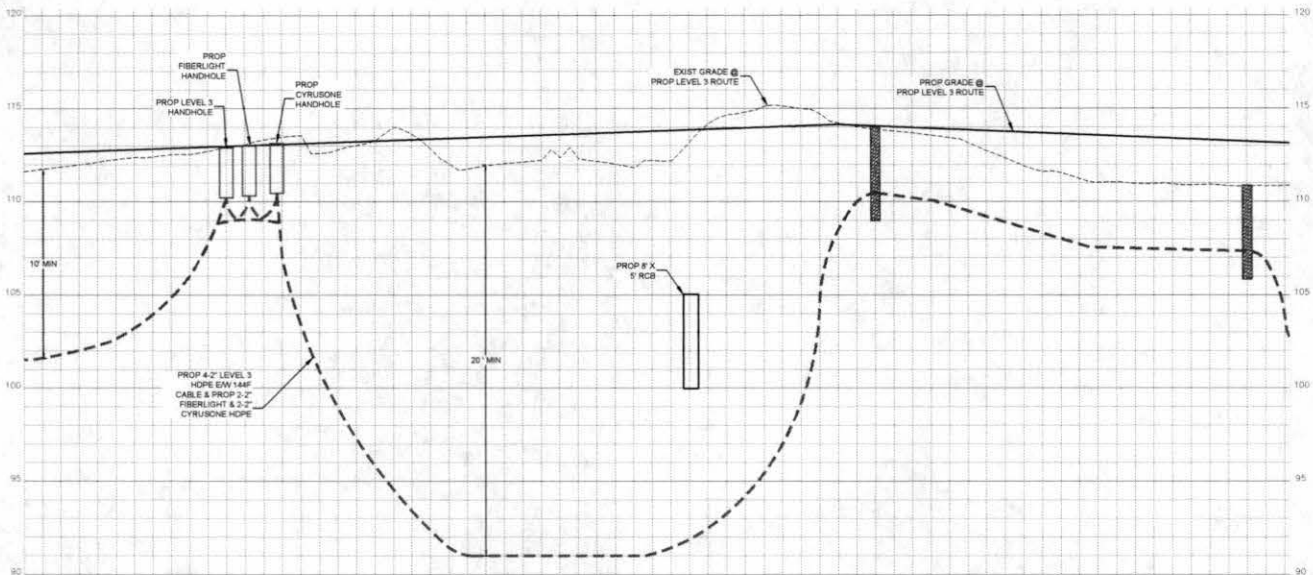
SHEET 28 OF 31

CONFIDENTIAL/PROPRIETARY

HOUSTON, TX
FORT BEND COUNTY



CONSTRUCTION NOTES



- CONTRACTOR NOTE**
CONTRACTOR MUST SUPPLY ALL HDPE CONDUITS AS NOTED BELOW
- 8-2\"/>**

| | | |
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| NO. | DATE | BY THE DESIGN |
| 2-2-18 | | AS-BUILT |
| 11-13-18 | | REVISION # 1 ORIGINAL |
| DRAWING | | COMMENT |



LEVEL 3 ENGINEER:
KEITH HALL

ENGINEERING FIRM:
GOLDEN FIELD SERVICES

PROJECT NUMBER:
LOCATION: FM 1081 WESTPARK
EXTENSION - HOUSTON, TX

DRAWING NAME:

SCALE: VERT. 1"=2'

SHEET 26A OF 31

CONFIDENTIAL/PROPRIETARY



UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND FIELD OBSERVATIONS BUT ARE NOT NECESSARILY EXACT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD LOCATE ALL UNDERGROUND OBSTRUCTIONS AND UTILITIES PRIOR TO CONSTRUCTION. COMPLETE REPAIR OF ANY AND ALL DAMAGES INCURRED SHALL BE AT THE EXPENSE OF THE CONTRACTOR.

CALL BEFORE YOU DIG
1-800-545-8000
48 HOURS NOTICE REQUIRED

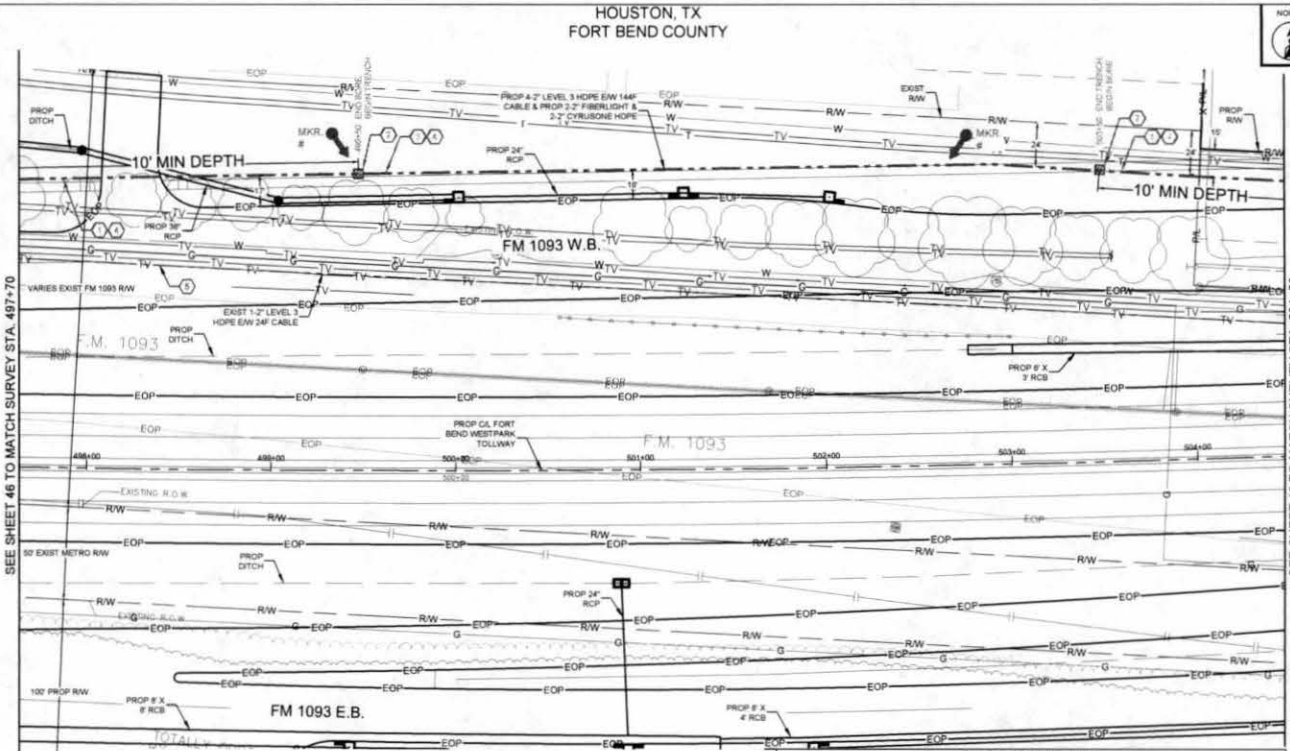
HOUSTON, TX
FORT BEND COUNTY



CONSTRUCTION NOTES

- 1 CONDUIT OWNER LEVELS
CONDUIT LENGTH 300'
CONDUIT DIT: 6"
CONDUIT SIZE: 2"
CONDUIT TYPE: HDPE
NOTES: SORE 8'-2" HDPE
- 2 PROPOSED BOREPIT
- 3 CONDUIT OWNER LEVELS
CONDUIT LENGTH: 400'
CONDUIT DIT: 6"
CONDUIT SIZE: 2"
CONDUIT TYPE: HDPE
NOTES: TRENCH 8'-2" HDPE
- 4 CABLE FIBERS: 144F
CABLE OWNER LEVELS
CABLE LENGTH: 800'
- 5 CABLE FIBERS: 144F
CABLE OWNER LEVELS
CABLE LENGTH: 500'
NOTES: REMOVE 144F CABLE

- CONTRACTOR NOTE
CONTRACTOR MUST SUPPLY
ALL HDPE CONDUITS AS
NOTED BELOW
- 8.2" HDPE CONFIGURATION
- 4.2" LEVEL(S)
 - BLACK W/ PURPLE STRIPE
 - BLACK W/ ORANGE STRIPE
 - BLACK W/ GREEN STRIPE
 - BLACK W/ BROWN STRIPE
 - 2.2" FIBERLIGHT
 - BLACK W/ RED STRIPE
 - BLACK W/ BLUE STRIPE
 - 2.2" CYRUSORNE
 - BLACK W/ WHITE STRIPE
 - BLACK W/ GREY STRIPE



SEE SHEET 46 TO MATCH SURVEY STA. 497+70

SEE SHEET 48 TO MATCH SURVEY STA. 504+50

| Page Rate Off - Materials | | | |
|---|-------|--------------------|-----------------|
| Unit Code & Description | Units | Estimated Quantity | Actual Quantity |
| MAT-80150 - CONDUIT 8.2" HDPE BOR-9 | FT | 680 | |
| MAT-92090 - WARNING TAGS AND/OR MARKERS | EA | 2 | |

| Page Rate Off - Work Performed | | | |
|---|-------|--------------------|-----------------|
| Unit Code & Description | Units | Estimated Quantity | Actual Quantity |
| UGB-30050-S - TRENCH GREATER THAN 1500' TRENCH 48" MINIMUM COVER | FT | 400 | |
| UGB-30140-S - PLACE 1 - HDPE CONDUITS IN OPEN TRENCH UP TO 2" | FT | 400 | |
| UGB-30690-S - DIRECTIONAL BORE GREATER THAN 1500' 1 HDPE CONDUIT UP TO 2" | FT | 280 | |
| UGB-30960-S - PLACE UP TO 288 COUNT FOC IN CONDUIT UP TO 1500' | EA | 680 | |
| UGB-31940-S - EXCAVATE SMALL PIT: 6'X4'X5' | EA | 2 | |
| UGB-31050-S - REMOVE AND DISPOSE OF 1-144F CABLE | FT | 680 | |
| UGB-31990-S - PLACE LOCATE MARKER POST | EA | 2 | |
| UGB-30150-S - PLACE ADDITIONAL HDPE IN OPEN TRENCH CONDUIT UP TO 2" | FT | 2,800 | |
| UGB-30700-S - DR. BORE GREATER THAN 1500' ADDITIONAL CONDUIT UP TO 2" | FT | 1,960 | |

UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND FIELD OBSERVATIONS BUT ARE NOT NECESSARILY EXACT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD LOCATE ALL UNDERGROUND OBSTRUCTIONS AND UTILITIES PRIOR TO CONSTRUCTION. COMPLETE REPAIR OF ANY AND ALL DAMAGES INCURRED SHALL BE AT THE EXPENSE OF THE CONTRACTOR.



CALL BEFORE YOU DIG
1-800-545-8005
48 HOURS NOTICE REQUIRED

NO DATE ENG DESIGN

11-13-15 ORIGINAL

DATE TIME

Level(3)
COMMERCIAL

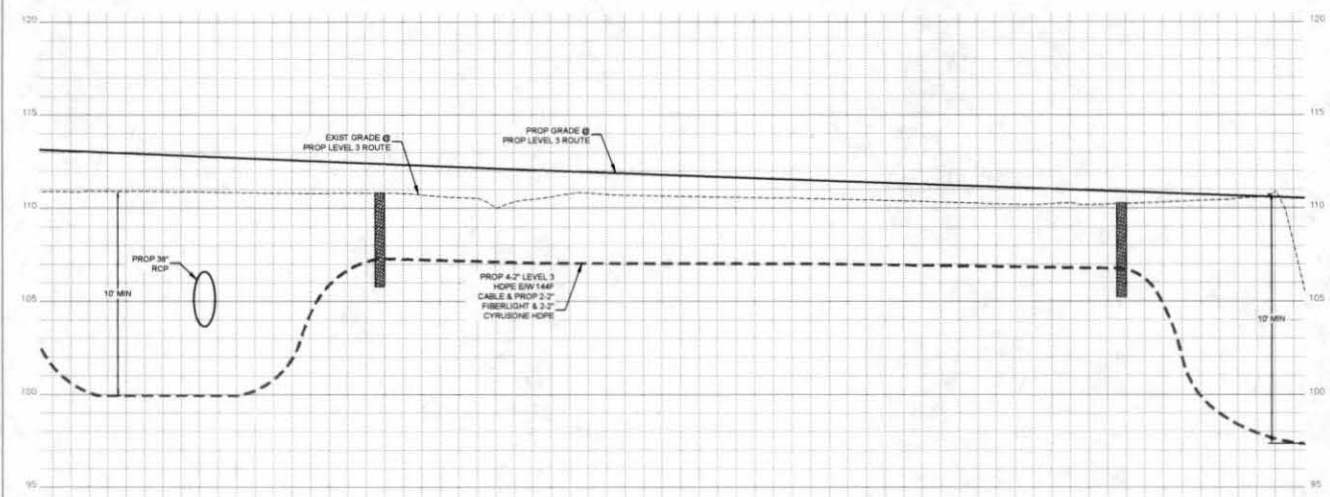
LEVEL 3 ENGINEER
KETH HILL
ENGINEERING FIRM
GOLDEN FIELD SERVICES
PROJECT NUMBER:
LOCATION: FM 1093 WESTPARK
EXTENSION - HOUSTON, TX
DRAWING NAME

SCALE: HOR 1"=50'
SHEET 27 OF 31
CONFIDENTIAL/PROPRIETARY

HOUSTON, TX
FORT BEND COUNTY



CONSTRUCTION NOTES



- CONTRACTOR NOTE**
CONTRACTOR MUST SUPPLY ALL HDPE CONDUITS AS NOTED BELOW.
- 8-2\"/>**

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| 11-13-18 | | |
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Level(3)
COMMUNICATIONS

LEVEL 3 ENGINEER
KEITH HALL

ENGINEERING FIRM
GOLDEN FIELD SERVICES

PROJECT NUMBER:
LOCATION - FM 105 WESTPARK
EXTENSION - HOUSTON, TX
DRAWING NAME:

SCALE: VERT. 1"=8'
SHEET 27A OF 31
CONFIDENTIAL/PROPRIETARY

UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND FIELD OBSERVATIONS BUT ARE NOT NECESSARILY EXACT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD LOCATE ALL UNDERGROUND OBSTRUCTIONS AND UTILITIES PRIOR TO CONSTRUCTION. COMPLETE REPAIR OF ANY AND ALL DAMAGES INCURRED SHALL BE AT THE EXPENSE OF THE CONTRACTOR.



CALL BEFORE YOU DIG
1-800-545-8002
48 HOURS NOTICE REQUIRED

HOUSTON, TX
FORT BEND COUNTY



CONSTRUCTION NOTES

- 1 CONDUIT OWNER LEVELS
CONDUIT LENGTH: 500'
CONDUIT QTY: 8
CONDUIT SIZE: 2"
CONDUIT TYPE: HDPE
NOTES: BORE 8-2" HDPE
- 2 PROPOSED BUREAU
- 3 CONDUIT OWNER LEVELS
CONDUIT LENGTH: 100'
CONDUIT QTY: 8
CONDUIT SIZE: 2"
CONDUIT TYPE: HDPE
NOTES: TRENCH 8-2" HDPE
- 4 CABLE FIBERS: 144F
CABLE OWNER: LEVEL 3
CABLE LENGTH: 800'
- 5 CABLE FIBERS: 144F
CABLE OWNER: LEVEL 3
CABLE LENGTH: 800'
NOTES: REMOVE 144F CABLE

CONTRACTOR NOTE:
CONTRACTOR MUST SUPPLY
ALL HDPE CONDUITS AS
NOTED BELOW.

8-2" HDPE CONFIGURATION

4-2" LEVEL(S):

- BLACK W/ PURPLE STRIPE
- BLACK W/ ORANGE STRIPE
- BLACK W/ GREEN STRIPE
- BLACK W/ BROWN STRIPE

2-2" FIBERLIGHT

- BLACK W/ RED STRIPE
- BLACK W/ BLUE STRIPE

2-2" CYRUSONE

- BLACK W/ WHITE STRIPE
- BLACK W/ GREY STRIPE

| NO. | DATE | BY | REVISION |
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Level(3)
CONSTRUCTORS

LEVEL 3 ENGINEER:
KEITH HALL

ENGINEERING FIRM:
GOLDEN FIELD SERVICES

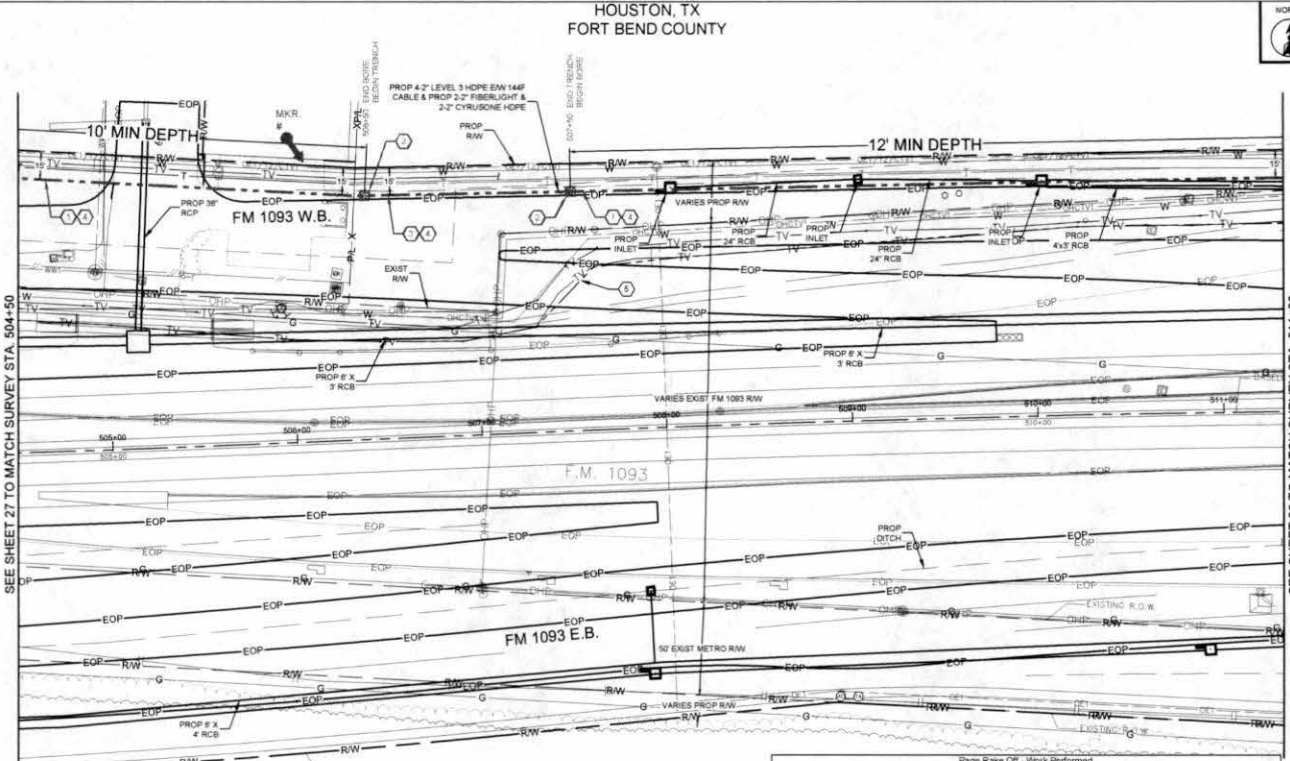
PROJECT NUMBER:
LOCATION: FM 1093 WESTPARK
EXTENSION - HOUSTON, TX

DRAWING DATE:

SCALE: HOR: 1"=50'

SHEET 28 OF 31

CONFIDENTIAL/PROPRIETARY



SEE SHEET 27 TO MATCH SURVEY STA. 504+50

SEE SHEET 29 TO MATCH SURVEY STA. 511+30



CALL BEFORE YOU DIG
1-800-545-4000
48 HOURS NOTICE REQUIRED

UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND FIELD OBSERVATIONS BUT ARE NOT NECESSARILY EXACT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD LOCATE ALL UNDERGROUND OBSTRUCTIONS AND UTILITIES PRIOR TO CONSTRUCTION. COMPLETE REPAIR OF ANY AND ALL DAMAGES INCURRED SHALL BE AT THE EXPENSE OF THE CONTRACTOR

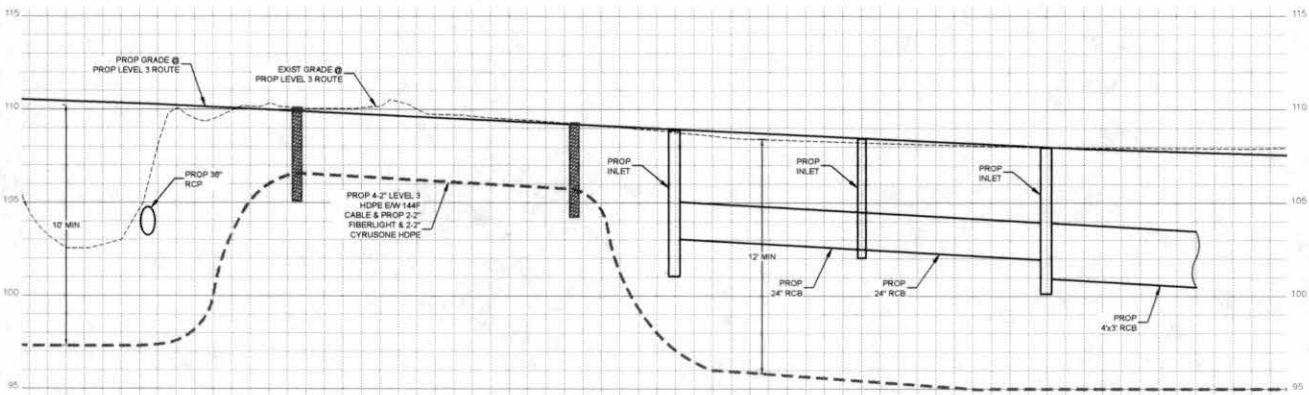
| Page Rate Off - Materials | | | | |
|---|-------|--------------------|-----------------|--|
| Unit Code & Description | Units | Estimated Quantity | Actual Quantity | |
| MAT-90150 - CONDUIT, 8-2" HDPE SDR-9 | FT | 680 | | |
| MAT-92090 - WARNING TAGS AND/OR MARKERS | EA | 1 | | |

| Page Rate Off - Work Performed | | | |
|--|-------|--------------------|-----------------|
| Unit Code & Description | Units | Estimated Quantity | Actual Quantity |
| UGB-30050-S - TRENCH GREATER THAN 1500' TRENCH 48" MINIMUM COVER | FT | 100 | |
| UGB-30140-S - PLACE 1 - HDPE CONDUITS IN OPEN TRENCH UP TO 2" | FT | 100 | |
| UGB-30690-S - DIRECTIONAL BORE GREATER THAN 1500', 1 HDPE CONDUIT UP TO 2" | FT | 580 | |
| UGB-30990-S - PLACE UP TO 288 COUNT FOC IN CONDUIT, UP TO 1500' | FT | 680 | |
| UGB-31940-S - EXCAVATE SMALL PIT, 6'X4'X3' | EA | 2 | |
| UGB-31050-S - REMOVE AND DISPOSE OF 1-144F CABLE | FT | 680 | |
| UGB-31990-S - PLACE LOCATE MARKER POST | EA | 1 | |
| UGB-30150-S - PLACE ADDITIONAL HDPE IN OPEN TRENCH CONDUIT UP TO 2" | FT | 700 | |
| UGB-30700-S - DIR BORE GREATER THAN 1500' ADDITIONAL CONDUIT UP TO 2" | FT | 4,050 | |

HOUSTON, TX
FORT BEND COUNTY



CONSTRUCTION NOTES



- CONTRACTOR NOTE:**
CONTRACTOR MUST SUPPLY ALL HDPE CONDUITS AS NOTED BELOW.
- 8-2\"/>**

| NO. | DATE | BY | REVISION |
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LEVEL 3 ENGINEER:
KEITH HALL

ENGINEERING FIRM:
GOLDEN FIELD SERVICES

PROJECT NUMBER:
LOCATION: FM 1083 WESTPARK
EXTENSION - HOUSTON, TX

SCALE: VERT: 1"=6'

SHEET 28A OF 31

CONFIDENTIAL/PROPRIETARY

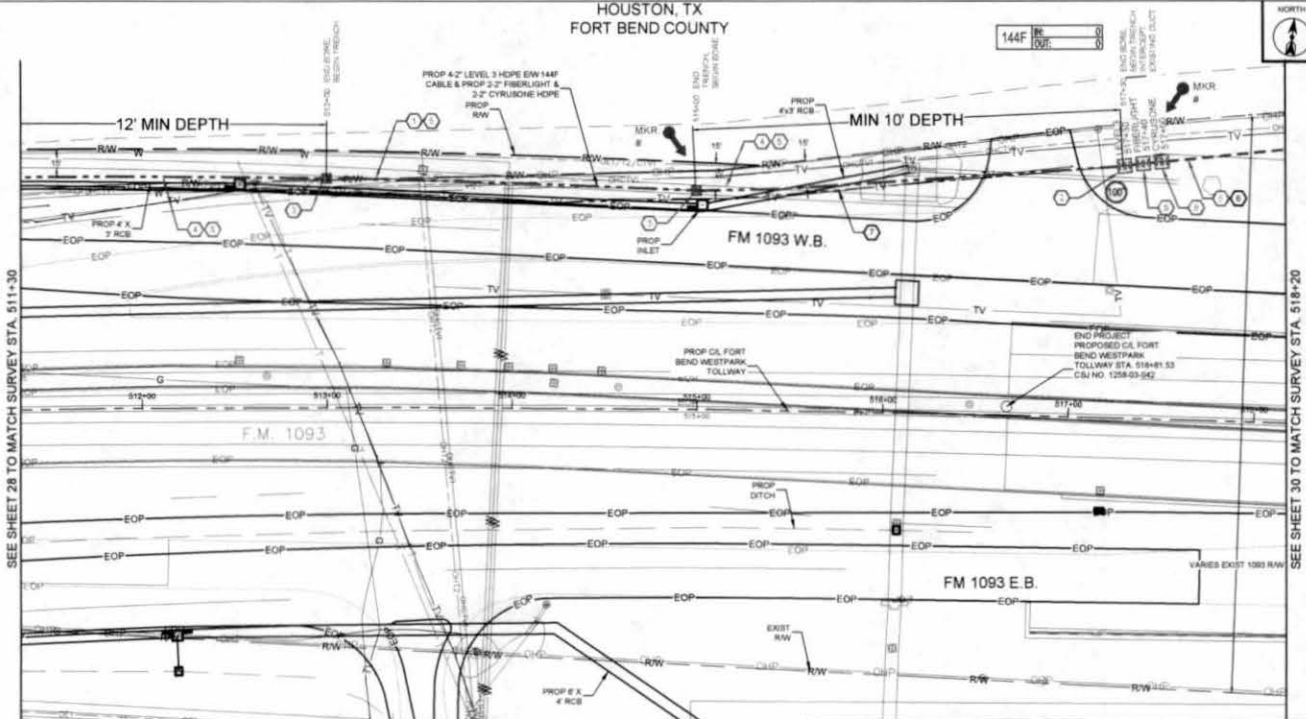
UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND FIELD OBSERVATIONS BUT ARE NOT NECESSARILY EXACT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD LOCATE ALL UNDERGROUND OBSTRUCTIONS AND UTILITIES PRIOR TO CONSTRUCTION. COMPLETE REPAIR OF ANY AND ALL DAMAGES INCURRED SHALL BE AT THE EXPENSE OF THE CONTRACTOR.



CALL BEFORE YOU DIG
1-800-545-9000
48 HOURS NOTICE REQUIRED

HOUSTON, TX
FORT BEND COUNTY

144F
IN: 0
OUT: 0



CONSTRUCTION NOTES

- 1 CONDUIT OWNER LEVELS
CONCRETE LENGTH 300'
CONDUIT SIZE 2"
CONCRETE TIE HOPE
NOTES: TRENCH 8'-2" HOPE
- 2 LEVEL W/ WHEEL
CONC. 100' 1'-144F IN 8"
PROPOSED BOREHOLE
- 3 CONDUIT OWNER LEVELS
CONCRETE LENGTH 400'
CONDUIT SIZE 2"
CONCRETE TIE HOPE
NOTES: BORE 8'-2" HOPE
- 4 CABLE PIPES: 144F
CABLE OWNER LEVELS
CABLE LENGTH 700'
- 5 CONDUIT OWNER LEVELS
CONCRETE LENGTH 800'
CONDUIT SIZE 2"
CONCRETE TIE HOPE
- 6 CABLE PIPES: 144F
CABLE OWNER LEVELS
CABLE LENGTH 800'
NOTES: REMOVE 144F CABLE
- 7 FIBERLIGHT W/ WHEEL
- 8 CYRUSONE W/ WHEEL

CONTRACTOR NOTE

- CONTRACTOR MUST SUPPLY
ALL HOPE CONDUITS AS
NOTED BELOW
- 8'-2" HOPE CONFIGURATION
- 4'-2" LEVELS
 - BLACK W/ PURPLE STRIPE
 - BLACK W/ ORANGE STRIPE
 - BLACK W/ GREEN STRIPE
 - BLACK W/ BROWN STRIPE
 - 3'-2" FIBERLIGHT
 - BLACK W/ RED STRIPE
 - BLACK W/ BLUE STRIPE
 - 3'-2" CYRUSONE
 - BLACK W/ WHITE STRIPE
 - BLACK W/ GREY STRIPE

SEE SHEET 28 TO MATCH SURVEY STA. 511+30

SEE SHEET 30 TO MATCH SURVEY STA. 518+20

| Unit Code & Description | Units | Estimated Quantity | Actual Quantity |
|---|-------|--------------------|-----------------|
| MAT-80155 - CONDUIT 8'-2" HOPE SDR-9 | FT | 600 | |
| MAT-80970 - TIER 15 30"x48"x36" - WITH KNOCK-OUTS AND RACKING - INCLUDING COVER | EA | 3 | |
| MAT-80360 - CONDUIT WYE CAST 2" | EA | 1 | |
| MAT-82090 - WARNING TAGS AND/OR MARKERS | EA | 2 | |

| Unit Code & Description | Units | Estimated Quantity | Actual Quantity |
|---|-------|--------------------|-----------------|
| UGB-30000-S - TRENCH GREATER THAN 1500' TRENCH 48" MINIMUM COVER | FT | 200 | |
| UGB-30140-S - PLACE 1 - HOPE CONDUITS IN OPEN TRENCH UP TO 2" | FT | 200 | |
| UGB-30880-S - DIRECTIONAL BORE GREATER THAN 1500' 1 HOPE CONDUIT UP TO 2" | FT | 400 | |
| UGB-30880-S - PLACE UP TO 288 COUNT FOC IN CONDUIT UP TO 1500' (100' IN COLL) | FT | 780 | |
| UGB-31270-S - PLACE NEW - 30"x48"x36" - NON-CONCRETE HANDHOLE | EA | 3 | |
| UGB-31640-S - EXCAVATE SMALL PIT 6'x6'x2' | EA | 2 | |
| UGB-31080-S - REMOVE AND DISPOSE OF 1-144F CABLE | FT | 690 | |
| UGB-30930-S - INTERCEPT CONDUIT WYE CAST 2" | EA | 1 | |
| UGB-31990-S - PLACE LOCATE MARKER POST | EA | 2 | |
| UGB-30150-S - PLACE ADDITIONAL HOPE IN OPEN TRENCH CONDUIT UP TO 2" | FT | 1,400 | |
| UGB-30700-S - DIR. BORE GREATER THAN 1500' ADDITIONAL CONDUIT UP TO 2" | FT | 2,800 | |

UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND FIELD OBSERVATIONS BUT ARE NOT NECESSARILY EXACT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD LOCATE ALL UNDERGROUND OBSTRUCTIONS AND UTILITIES PRIOR TO CONSTRUCTION. COMPLETE REPAIR OF ANY AND ALL DAMAGES INCURRED SHALL BE AT THE EXPENSE OF THE CONTRACTOR.



CALL BEFORE YOU DIG
1-800-548-4000
48 HOURS NOTICE REQUIRED

Level(3)
CONSTRUCTION

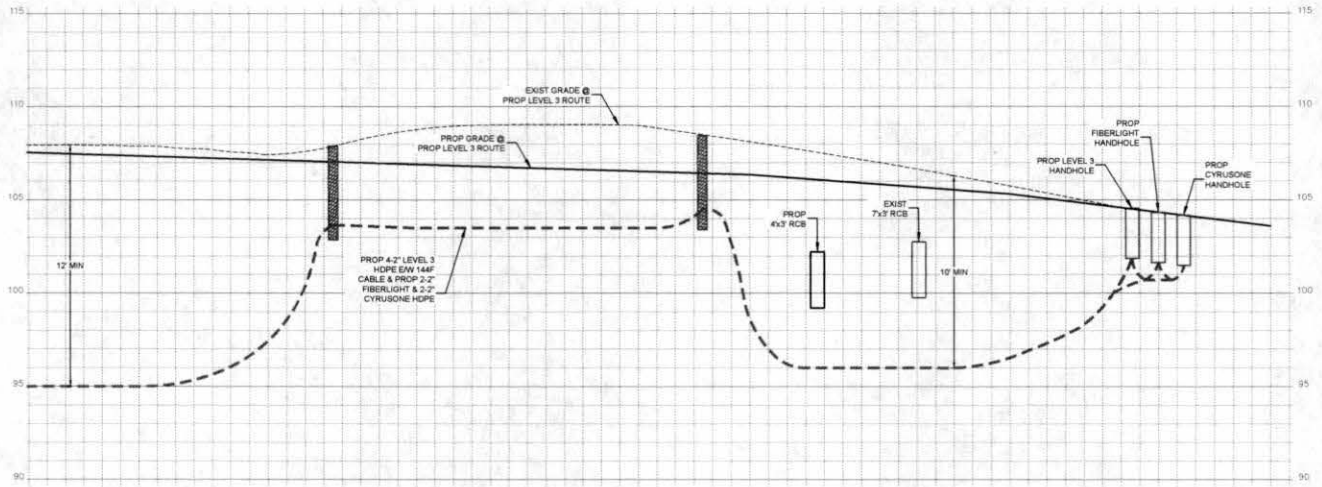
ENGINEERING FIRM
GOLDEN FIELD SERVICES
PROJECT NUMBER
LOCATION: FM 1093 WESTPARK
EXTENSION - HOUSTON, TX
DRAWING NUMBER

SCALE: HOR: 1"=40'
SHEET 29 OF 31
CONFIDENTIAL/PROPRIETARY

HOUSTON, TX
FORT BEND COUNTY



CONSTRUCTION NOTES



- CONTRACTOR NOTE**
CONTRACTOR MUST SUPPLY ALL HOPE CONDUITS AS NOTED BELOW
- 8-2" HOPE CONFIGURATION**
- 4-2" LEVEL(3)
 - BLACK W/ PURPLE STRIPE
 - BLACK W/ ORANGE STRIPE
 - BLACK W/ GREEN STRIPE
 - BLACK W/ BROWN STRIPE
 - 2-2" FIBERLIGHT
 - BLACK W/ RED STRIPE
 - BLACK W/ BLUE STRIPE
 - 0-2" CYRUSONE
 - BLACK W/ WHITE STRIPE
 - BLACK W/ GREY STRIPE

| 1 | | |
|----------|------|--------------|
| 2 | | |
| 1 | | |
| NO. | DATE | DESC. DESIGN |
| | | AS-BUILT |
| 2-2-18 | | REVISION # 1 |
| 11-15-15 | | ORIGINAL |
| | | COMMENT |

Level(3)
CONSTRUCTION

LEVEL 3 ENGINEER
6070 HILL
ENGINEERING FIRM
GOLDEN FIELD SERVICES
PROJECT NUMBER
LOCATION: FM 1093 WESTPARK
EXTENSION - HOUSTON, TX
DRAWING DATE

SCALE: VERT: 1"=6'
SHEET 29A OF 31
CONFIDENTIAL/PROPRIETARY

UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND FIELD OBSERVATIONS BUT ARE NOT NECESSARILY EXACT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD LOCATE ALL UNDERGROUND OBSTRUCTIONS AND UTILITIES PRIOR TO CONSTRUCTION. COMPLETE REPAIR OF ANY AND ALL DAMAGES INCURRED SHALL BE AT THE EXPENSE OF THE CONTRACTOR.



CALL BEFORE YOU DIG
1-800-545-6005
48 HOURS NOTICE REQUIRED

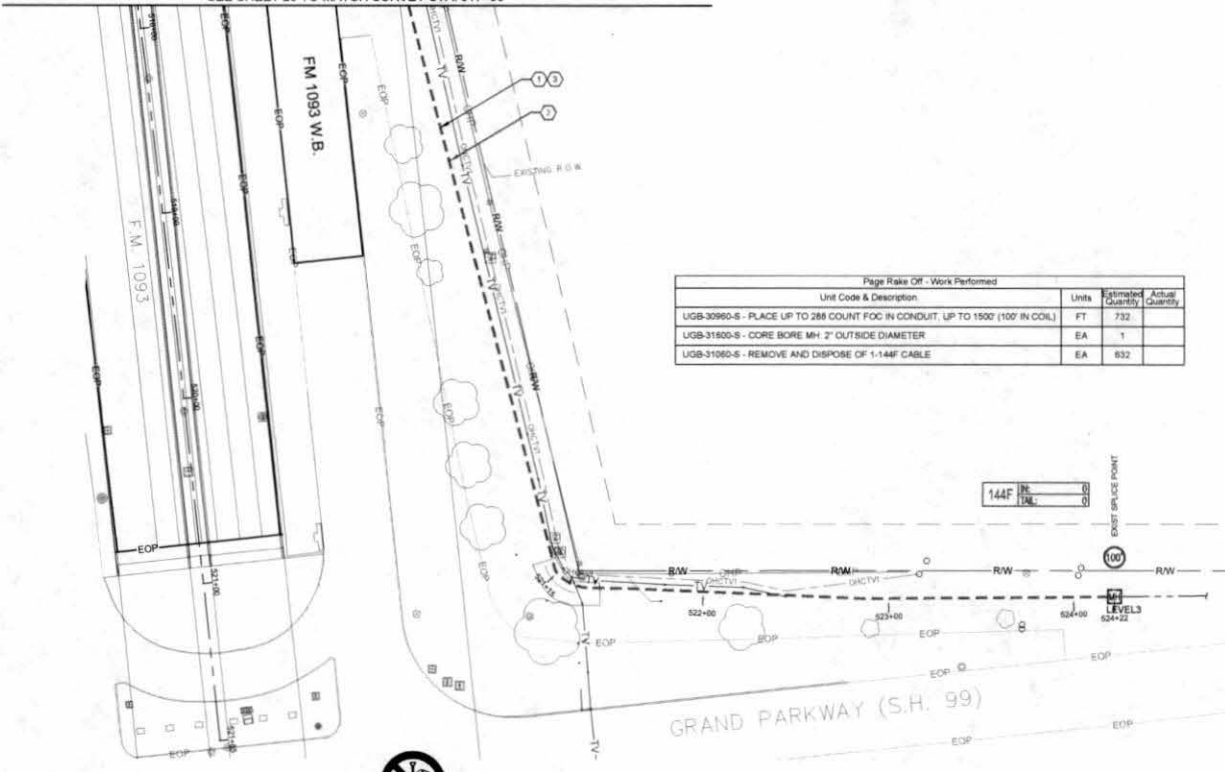
HOUSTON, TX
FORT BEND COUNTY



CONSTRUCTION NOTES

- ① CONDUIT OWNER: LEVEL3
CONDUIT LENGTH: 832'
CONDUIT QTY: 8
CONDUIT SIZE: 2"
CONDUIT TYPE: HOPE
- ② CABLE FIBERS: 144F
CABLE OWNER: LEVEL3
CABLE LENGTH: 732'
ACCESS: UTILAS (232786)
CONDUIT
- ③ CABLE FIBERS: 144F
CABLE OWNER: LEVEL3
CABLE LENGTH: 832'
NOTES: REMOVE 144F CABLE

SEE SHEET 29 TO MATCH SURVEY STA. 517+90



| Page Rate Off - Work Performed | | | |
|--|-------|--------------------|-----------------|
| Unit Code & Description | Units | Estimated Quantity | Actual Quantity |
| UGB-30990-S - PLACE UP TO 288 COUNT FOC IN CONDUIT, UP TO 1500' (100' IN COIL) | FT | 732 | |
| UGB-31800-S - CORE BORE MH 2" OUTSIDE DIAMETER | EA | 1 | |
| UGB-31080-S - REMOVE AND DISPOSE OF 1-144F CABLE | EA | 832 | |

CONTRACTOR NOTE:
CONTRACTOR MUST SUPPLY
ALL HOPE CONDUITS AS
NOTED BELOW.

- 8-2" HOPE CONFIGURATION
- 4-3" LEVELS
- BLACK W/ PURPLE STRIPE
 - BLACK W/ ORANGE STRIPE
 - BLACK W/ GREEN STRIPE
 - BLACK W/ BROWN STRIPE
- 2-2" FIBERLIGHT
- BLACK W/ RED STRIPE
 - BLACK W/ BLUE STRIPE
- 2-2" CYRUSONE
- BLACK W/ WHITE STRIPE
 - BLACK W/ GREY STRIPE

| NO. | DATE | ENG. DESIGN |
|----------|------|--------------|
| 1 | | AS-BUILT |
| 2-2-18 | | REVISION # 1 |
| 11-13-15 | | ORIGINAL |

Level(3)
CONSTRUCTION

LEVEL 3 ENGINEER
8574 HALL
ENGINEERING FIRM
GOLDEN FIELD SERVICES

PROJECT NUMBER
LOCATION: FM 1093 WESTPARK
EXTENSION - HOUSTON, TX

DRAWING NAME

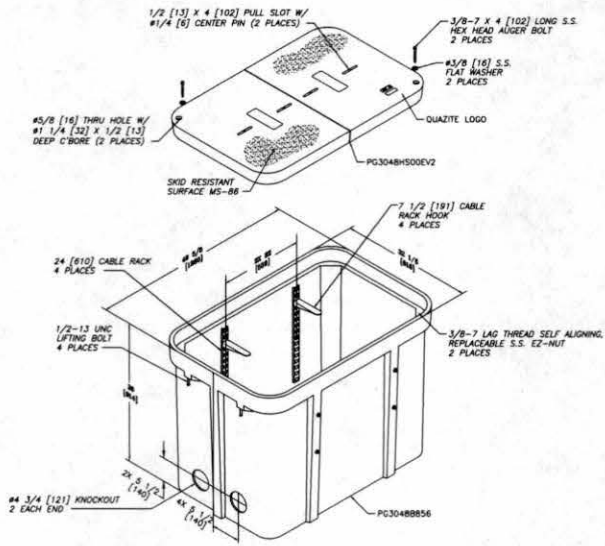
SCALE: HOR 1"=50'
SHEET: 30 OF 31
CONFIDENTIAL/PROPRIETARY

UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND FIELD OBSERVATIONS BUT ARE NOT NECESSARILY EXACT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD LOCATE ALL UNDERGROUND OBSTRUCTIONS AND UTILITIES PRIOR TO CONSTRUCTION. COMPLETE REPAIR OF ANY AND ALL DAMAGES INCURRED SHALL BE AT THE EXPENSE OF THE CONTRACTOR.



CALL BEFORE YOU DIG
1-800-545-8005
48 HOURS NOTICE REQUIRED

HANDHOLE DETAIL



TYPICAL DETAIL - A

30X48X36 ASSEMBLY
W/(4) 24" CABLE RACKS
& (4) 7 1/2" HOOKS
PC304RZ987EV2
QUAZITE - 25479685

CONTRACTOR NOTE
CONTRACTOR MUST SUPPLY
ALL HOPE CONDUITS AS
NOTED BELOW.

8-2" HOPE CONFIGURATION

4-2" LEVEL(3)

- BLACK W/ PURPLE STRIPE
- BLACK W/ ORANGE STRIPE
- BLACK W/ GREEN STRIPE
- BLACK W/ BROWN STRIPE

2-2" FIBERLIGHT

- BLACK W/ RED STRIPE
- BLACK W/ BLUE STRIPE

2-2" CRYSTONE

- BLACK W/ WHITE STRIPE
- BLACK W/ GREY STRIPE

| | | |
|---|--|--|
| 3 | | |
| 2 | | |
| 1 | | |

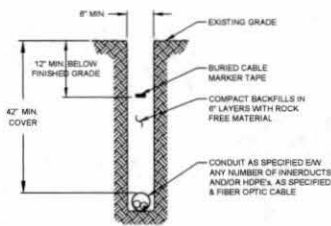
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|----------|------|-----------------|
| | | AS-BUILT |
| 2-2-16 | | REVISION # 1 |
| 11-13-15 | | ORIGINAL |
| | | DRAWING COMMENT |

Level(3)
CORPORATION

LEVEL 3 ENGINEER:
KEITH HALL
ENGINEERING FIRM
GOLDEN FIELD SERVICES
PROJECT NUMBER:
LOCATION: FM 1093 WESTPARK
EXTENSION - HOUSTON, TX
DRAWING NUMBER:

CONSTRUCTION DETAIL

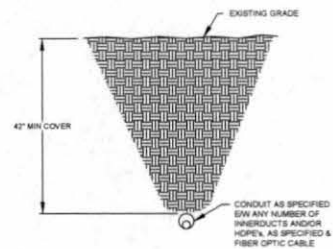
TYPICAL DETAIL "A"
TRENCH & PLACE CONDUIT



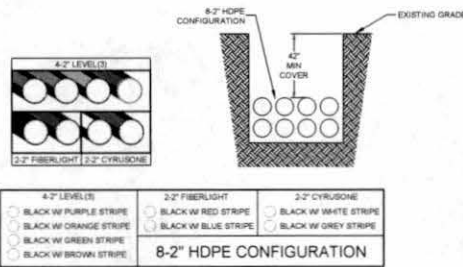
TYPICAL DETAIL "B"
CROSS SECTION OF PROPOSED HDPE



TYPICAL DETAIL "C"
DIRECTIONAL BORE CROSS SECTION FOR CONDUIT



TYPICAL DETAIL "D"
HDPE CONFIGURATION



CONTRACTOR NOTE
CONTRACTOR MUST SUPPLY
ALL HDPE CONDUITS AS
NOTED BELOW.

8-2" HDPE CONFIGURATION

4-2" LEVEL(S)

- BLACK W/ PURPLE STRIPE
- BLACK W/ ORANGE STRIPE
- BLACK W/ GREEN STRIPE
- BLACK W/ BROWN STRIPE

3-2" FIBERLIGHT

- BLACK W/ RED STRIPE
- BLACK W/ BLUE STRIPE
- 3-2" CYRUSOME
- BLACK W/ WHITE STRIPE
- BLACK W/ GREY STRIPE

1

1

NO DATE ENG. DESIGN

3-2-18 REVISION # 1 AS-BUILT

11-13-18 ORIGINAL

DRAFTING COMMENT

Level(3)
ENGINEERS

LEVEL 3 ENGINEER
KEITH HALL

ENGINEERING FIRM
GOLDEN FIELD SERVICES

PROJECT NUMBER

LOCATION: FM 1093 WESTPARK
EXTENSION - HOUSTON, TX

DRAWINGS

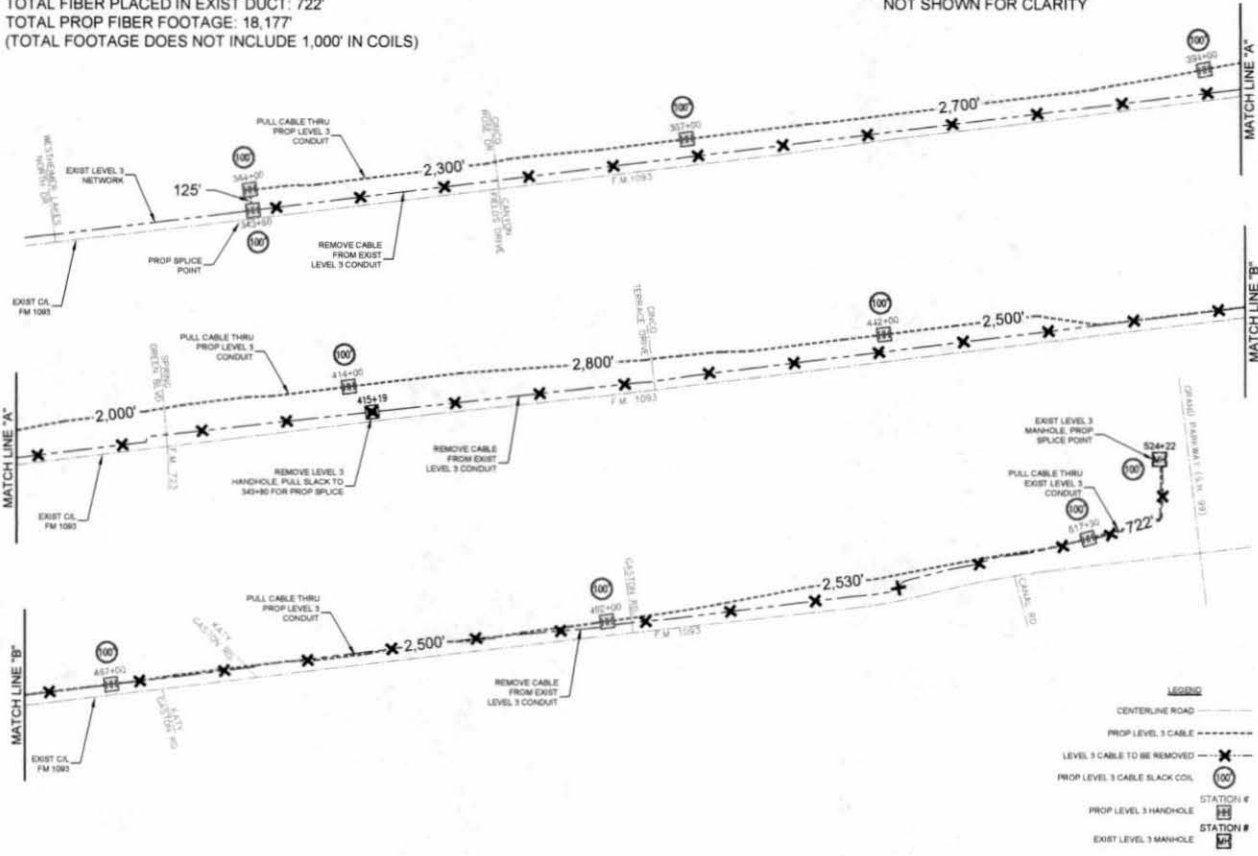
SHEET 30B OF 31

CONFIDENTIAL/PROPRIETARY

LEVEL 3 CABLE PULLING SCHEMATIC
NOT TO SCALE

LEVEL 3 CABLE TABULATION
 TOTAL FIBER PLACED IN PROP DUCT: 17,455'
 TOTAL FIBER PLACED IN EXIST DUCT: 722'
 TOTAL PROP FIBER FOOTAGE: 18,177'
 (TOTAL FOOTAGE DOES NOT INCLUDE 1,000' IN COILS)

CONSTRUCTION NOTE:
 FIBERLIGHT & CYRUSONE HANDHOLES
 NOT SHOWN FOR CLARITY



CONTRACTOR NOTE:
 CONTRACTOR MUST SUPPLY
 ALL HOPE CONDUITS AS
 NOTED BELOW.
 8.2" HOPE CONFIGURATION
 4.2" LEVEL 3
 ○ BLACK W/ PURPLE STRIPE
 ○ BLACK W/ ORANGE STRIPE
 ○ BLACK W/ GREEN STRIPE
 ○ BLACK W/ BROWN STRIPE
 2.2" FIBERLIGHT
 ○ BLACK W/ RED STRIPE
 ○ BLACK W/ BLUE STRIPE
 2.2" CYRUSONE
 ○ BLACK W/ WHITE STRIPE
 ○ BLACK W/ GREY STRIPE

| NO. | DATE | ENG. DESIGN |
|-----|------|-------------|
| 1 | | |
| 2 | | |
| 3 | | |

Level(3)
 ENGINEERING FIRM
 GOLDEN FIELD SERVICES
 PROJECT NUMBER:
 LOCATION: FM 1093 WESTPARK
 EXTENSION - HOUSTON, TX
 DRAWING NAME:
 SHEET 30C OF 31
 CONFIDENTIAL/PROPRIETARY

| RAKE OFF - WORK PERFORMED | | | |
|--|-------|--------------------|-----------------|
| Unit Code & Description | Units | Estimated Quantity | Actual Quantity |
| UGB-30050-S - TRENCH GREATER THAN 1500'. TRENCH 48" MINIMUM COVER | FT | 9,105 | |
| UGB-30140-S - PLACE 1 - HDPE CONDUITS IN OPEN TRENCH UP TO 2" | FT | 9,105 | |
| UGB-30150-S - PLACE ADDITIONAL HDPE IN OPEN TRENCH CONDUIT UP TO 2" | FT | 63,735 | |
| UGB-30690-S - DIRECTIONAL BORE GREATER THAN 1500'. 1 HDPE CONDUIT UP TO 2" | FT | 8,350 | |
| UGB-30700-S - DIR. BORE GREATER THAN 1500'. ADDITIONAL CONDUIT UP TO 2" | FT | 58,450 | |
| UGB-30960-S - PLACE UP TO 288 COUNT FOC IN CONDUIT, UP TO 1500' (1,000' IN COIL) | FT | 19,177 | |
| UGB-31270-S - PLACE NEW - 30"x48"x36" - NON-CONCRETE HANDHOLE | EA | 27 | |
| UGB-31640-S - EXCAVATE SMALL PIT: 6'X4'X5' | EA | 34 | |
| UGB-31600-S - CORE BORE MH: 2" OUTSIDE DIAMETER | EA | 1 | |
| UGB-30930-S - INTERCEPT CONDUIT: WYE CAST 2" | EA | 2 | |
| UGB-31060-S - REMOVE AND DISPOSE OF 1-144F CABLE | FT | 18,052 | |
| UGB-31380-S - REMOVE EXISTING - 30"x48"x36" - NON-CONCRETE HANDHOLE | EA | 1 | |
| UGB-31990-S - PLACE LOCATE MARKER POST | EA | 39 | |

| RAKE OFF - MATERIALS LIST | | | |
|---|-------|--------------------|-----------------|
| Unit Code & Description | Units | Estimated Quantity | Actual Quantity |
| MAT-90150 - CONDUIT: 8-2" HDPE SDR-9 | FT | 17,435 | |
| MAT-90970 - TIER 15 30"x48"x36" - W/ KNOCK-OUTS AND RACKING - INCLUDING COVER | EA | 27 | |
| MAT-90360 - CONDUIT: WYE CAST 2" | EA | 1 | |
| MAT-92090 - WARNING TAGS AND/OR MARKERS | EA | 39 | |

CONTRACTOR NOTE
CONTRACTOR MUST SUPPLY
ALL HDPE CONDUITS AS
NOTED BELOW

8-2" HDPE CONFIGURATION

4-2" LEVEL(3)

- BLACK W/ PURPLE STRIPE
- BLACK W/ ORANGE STRIPE
- BLACK W/ GREEN STRIPE
- BLACK W/ BROWN STRIPE

2-2" FIBERLIGHT

- BLACK W/ RED STRIPE
- BLACK W/ BLUE STRIPE

2-2" CYRUSONE

- BLACK W/ WHITE STRIPE
- BLACK W/ GREY STRIPE

| | | |
|---|--|--|
| 3 | | |
| 2 | | |
| 1 | | |

NO. DATE ENG. DESIGN

2-2-18 AS-BUILT

11-15-18 ORIGINAL

DRAFTING COMMENT

Level(3)
CORPORATION

LEVEL 3 ENGINEER

KETH HALL

ENGINEERING FIRM

GOLDEN FIELD SERVICES

PROJECT NUMBER:

LOCATION: FM 1081 WESTPARK

EXTENSION - HOUSTON, TX

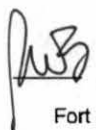
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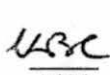
SHEET 31 OF 31

CONFIDENTIAL/PROPRIETARY

Exhibit B

FiberLight Construction Cost Estimate

 3/17/16
Date
Fort Bend County

 3/14/16
Initial Date
Fiberlight



ESTIMATE

Customer

Name **Fort Bend County FM 1093 Westpark Extension**

Address _____

City _____ State TX ZIP _____

Phone _____

Date _____

Order No. _____

Rep _____

Scope of Work

FM 1093 Westpark Extension Joint Relocation - FiberLight portion - Per Standard Utility Agreement U-0018

| Qty | Description | Unit Price | TOTAL |
|-------|--|---------------|---------------|
| 1 | FiberLight Share of Construction Costs | \$ 180,771.30 | \$ 180,771.30 |
| 1 | FiberLight Splicing - QTY 648 | \$ 21,502.00 | \$ 21,502.00 |
| 23500 | FiberLight Fiber Placement | \$ 1.30 | \$ 30,550.00 |
| 23500 | FiberLight Material- Fiber Optic Cable | \$ 1.55 | \$ 36,425.00 |
| 1 | FiberLight share of Engineering | \$ 2,733.86 | \$ 2,733.86 |
| 1 | FiberLight Internal Costs and Overhead | \$ 5,900.00 | \$ 5,900.00 |

SubTotal \$ 277,882.16

Shipping _____

Payment Credit

Comments **FiberLight Construction Cost Estimate - Exhibit "B"**

Tax Rate(s) _____

TOTAL \$ 277,882.16

Office Use Only

Exhibit C

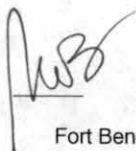
FiberLight Schedule of Work and Estimated Dates of Completion


(As Shown Below)

Construction Schedule:

Begin Construction: March 28, 2015

Complete Construction: May 16, 2016


Date
3/17/16
Fort Bend County


Initial Date
3/14/16
Fiberlight

CERTIFICATE OF INTERESTED PARTIES

FORM 1295

1 of 1

Complete Nos. 1 - 4 and 6 if there are interested parties.
 Complete Nos. 1, 2, 3, 5, and 6 if there are no interested parties.

OFFICE USE ONLY CERTIFICATION OF FILING

Certificate Number:
 2016-26158

Date Filed:
 03/15/2016

Date Acknowledged:

1 Name of business entity filing form, and the city, state and country of the business entity's place of business.

Fiberlight, LLC
 Alpharetta, GA United States

2 Name of governmental entity or state agency that is a party to the contract for which the form is being filed.

Fort Bend County

3 Provide the identification number used by the governmental entity or state agency to track or identify the contract, and provide a description of the goods or services to be provided under the contract.

23381
 23381- 03/15/16 - Utility Relocation regarding FM 1093/Westpark, Mobility Bond Project No. 748.

| 4 Name of Interested Party | City, State, Country (place of business) | Nature of interest (check applicable) | |
|-----------------------------|---|---------------------------------------|--------------|
| | | Controlling | Intermediary |
| Covard, Randall | Alpharetta, TX United States <i>GA (ISC)</i> | | X |
| NT Assets, LLC | Denver, CO United States | X | |
| Thermo Development, Inc. | Denver, CO United States | X | |
| FL Investment Holdings, LLC | Denver, CO United States | X | |
| Cash, Tony | Alpharetta, GA United States | X | |
| Kormos, Ronald | Alpharetta, GA United States | X | |
| Coyne, Kevin | Alpharetta, GA United States | X | |
| | | | |
| | | | |

5 Check only if there is NO Interested Party.

6 AFFIDAVIT I swear, or affirm, under penalty of perjury, that the above disclosure is true and correct.

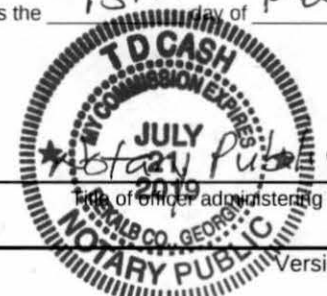
[Signature]
 Signature of authorized agent of contracting business entity

AFFIX NOTARY STAMP / SEAL ABOVE

Sworn to and subscribed before me, by the said Kevin Coyne, this the 15th day of March, 2016, to certify which, witness my hand and seal of office.

[Signature]
 Signature of officer administering oath

T.D. Cash
 Printed name of officer administering oath



CERTIFICATE OF INTERESTED PARTIES

FORM 1295

1 of 1

Complete Nos. 1 - 4 and 6 if there are interested parties.
Complete Nos. 1, 2, 3, 5, and 6 if there are no interested parties.

OFFICE USE ONLY CERTIFICATION OF FILING

1 Name of business entity filing form, and the city, state and country of the business entity's place of business.
Fiberlight, LLC
Alpharetta, GA United States

Certificate Number:
2016-26158

Date Filed:
03/15/2016

2 Name of governmental entity or state agency that is a party to the contract for which the form is being filed.
Fort Bend County

Date Acknowledged:
03/22/2016

3 Provide the identification number used by the governmental entity or state agency to track or identify the contract, and provide a description of the goods or services to be provided under the contract.
23381
23381- 03/15/16 - Utility Relocation regarding FM 1093/Westpark, Mobility Bond Project No. 748.

| 4 Name of Interested Party | City, State, Country (place of business) | Nature of interest (check applicable) | |
|-----------------------------|--|---------------------------------------|--------------|
| | | Controlling | Intermediary |
| Covard, Randall | Alpharetta, TX United States | | X |
| NT Assets, LLC | Denver, CO United States | X | |
| Thermo Development, Inc. | Denver, CO United States | X | |
| FL Investment Holdings, LLC | Denver, CO United States | X | |
| Cash, Tony | Alpharetta, GA United States | X | |
| Kormos, Ronald | Alpharetta, GA United States | X | |
| Coyne, Kevin | Alpharetta, GA United States | X | |
| | | | |
| | | | |

5 Check only if there is NO Interested Party.

6 AFFIDAVIT I swear, or affirm, under penalty of perjury, that the above disclosure is true and correct.

Signature of authorized agent of contracting business entity

AFFIX NOTARY STAMP / SEAL ABOVE

Sworn to and subscribed before me, by the said _____, this the _____ day of _____, 20_____, to certify which, witness my hand and seal of office.

Signature of officer administering oath Printed name of officer administering oath Title of officer administering oath