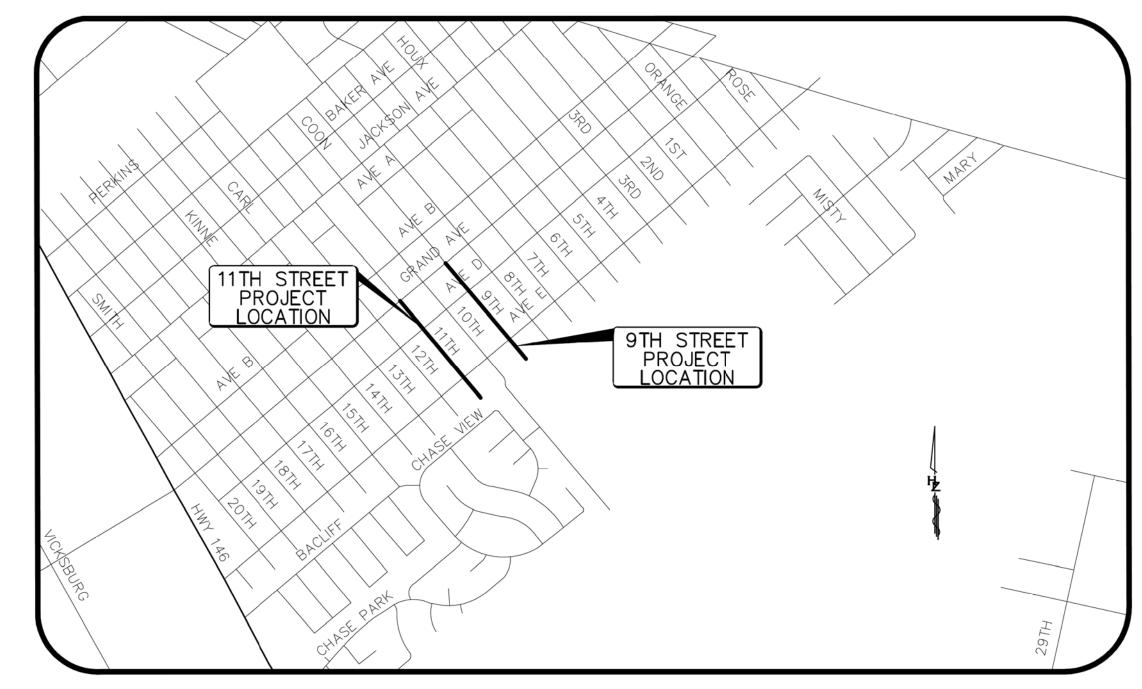
PROJECT LOCATION (SEE MAP BELOW)

VICINITY MAP SCALE: 1" = 5,000'



PROJECT LOCATION SCALE: 1" = 1000'KEY MAP # 661 J

GALVESTON COUNTY COMMISSIONERS COURT



COUNTY JUDGE

HONORABLE MARK A. HENRY

PRECINCT #1

HONORABLE DARRELL APFFEL

PRECINCT #2

HONORABLE JOE GIUSTI

HONORABLE KEN CLARK

PRECINCT #3

HONORABLE STEPHEN D. HOLMES

PRECINCT #4

11/26/2019 HZI JOB NO. R307771.01

9TH & 11TH STREETS DRAINAGE RESTORATION BACLIFF, TEXAS

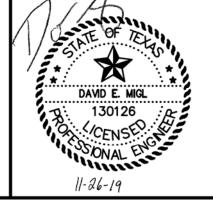
DRAWING INDEX

TITLE 01 COVER 02 GENERAL NOTES 03 CONSTRUCTION NOTES 04 OVERALL SITE PLAN 05 9TH ST SURVEY & CONTROL 01 OF 03 06 9TH ST SURVEY & CONTROL 02 OF 03 07 9TH ST SURVEY & CONTROL 03 OF 03 08 9TH ST PLAN & PROFILE 01 OF 05 09 9TH ST PLAN & PROFILE 02 OF 05 10 9TH ST PLAN & PROFILE 03 OF 05 11 9TH ST PLAN & PROFILE 04 OF 05 12 9TH ST PLAN & PROFILE 05 OF 05 13 9TH ST DRIVEWAY SUMMARY 14 9TH ST TYPICAL CROSS SECTION 15 9TH ST CROSS SECTIONS 11TH ST SURVEY & CONTROL 01 OF 03 11TH ST SURVEY & CONTROL 02 OF 03 18 11TH ST SURVEY & CONTROL 03 OF 03 19 11TH ST PLAN & PROFILE 01 OF 05 20 | 11TH ST PLAN & PROFILE 02 OF 05 11TH ST PLAN & PROFILE 03 OF 05 22 | 11TH ST PLAN & PROFILE 04 OF 05 23 11TH ST PLAN & PROFILE 05 OF 05 24 11TH ST DRIVEWAY SUMMARY 25 11TH ST TYPICAL CROSS SECTION 26 11TH CROSS SECTIONS 27 STANDARD DETAIL SHEET 01 OF 03 STANDARD DETAIL SHEET 02 OF 03 29 STANDARD DETAIL SHEET 03 OF 03 30 TRAFFIC CONTROL PLAN 01 OF 03 31 TRAFFIC CONTROL PLAN 02 OF 03 32 TRAFFIC CONTROL PLAN 03 OF 03 33 SWPPP SHEET 01 OF 05 SWPPP SHEET 02 OF 05 35 SWPPP SHEET 03 OF 05 36 SWPPP SHEET 04 OF 05 37 SWPPP SHEET 05 OF 05 38 SWPPP DETAILS

Note: A PRE-CONSTRUCTION MEETING WITH GALVESTON COUNTY **ENGINEERING DEPARTMENT IS REQUIRED AT LEAST 10 WORKING** DAYS PRIOR TO ON SITE CONSTRUCTION ACTIVITIES. CALL (409) 770-5554 FOR A MEETING DATE AND TIME.



10350 Richmond Ave, Suite 300 Houston, Texas 77042 Phone (281) 496-0066 Fax (281) 496-0220



SHEET 1 OF 38

GENERAL

THE CONTRACTOR SHALL CAREFULLY EXAMINE THE DRAWINGS AND SPECIFICATIONS, VISIT THE SITE OF THIS WORK, AND CHECK THE PROPOSED LOCATIONS OF ALL NEW WORK. THE CONTRACTOR SHALL INFORM HIMSELF, IN DETAILS OF ALL EXISTING CONDITIONS, LIMITATIONS, AVAILABLE CLEARANCES, AND SHALL THOROUGHLY CHECK ALL FACILITIES WHICH ARE TO BE REMOVED AND/OR RELOCATED.

WHERE A MATERIAL OR PRODUCT IS REFERRED TO ON THE DRAWINGS BY A MANUFACTURER'S BRAND OR TRADE NAME, IT IS FOR THE PURPOSE OF ESTABLISHING A STANDARD OR QUALITY. SIMILAR MATERIALS OR PRODUCTS OF EQUAL QUALITY (MEETING DESIGN REQUIREMENTS) FROM OTHER MANUFACTURER'S WILL BE GIVEN DUE CONSIDERATION PROVIDED THEY ARE SUBMITTED TO AND APPROVED BY THE ENGINEER AS PER THE PROVISIONS OF THE GENERAL CONDITIONS.

THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO THE COUNTY'S OR THE MUD'S FACILITIES CAUSED BY HIS OPERATIONS AT THE CONTRACTOR'S EXPENSE AND SHALL RESTORE FACILITIES TO SERVICE IN A TIMELY MANNER.

EMERGENCY AFTER-HOURS CONTACT NUMBERS IN CASE OF CONFLICT OR DAMAGE TO FACILITIES:

MUD: 281-339-1634

NANCY BAHER (GALVESTON COUNTY): 409-770-5556

THE DRAWINGS AND SPECIFICATIONS ARE CORRELATIVE AND HAVE EQUAL AUTHORITY AND PRIORITY. SHOULD THEY DISAGREE IN THEMSELVES, OR WITH EACH OTHER, BASE THE BIDS ON THE MOST EXPENSIVE COMBINATION OF QUALITY AND QUANTITY OF THE WORK INDICATED. THE ENGINEER WILL CLARIFY THE PROJECT REQUIREMENTS IN THE EVENT OF THE ABOVE MENTIONED DISAGREEMENT.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND FURNISHING ALL PERMITS AND LICENSES, RAILWAY, CITY, COUNTY, STATE OR FEDERAL AS ARE REQUIRED FOR THE PERFORMANCE OF THIS CONTRACT.

ALL ITEMS OF WORK REQUIRED UNDER THIS CONTRACT NOT SPECIFICALLY CALLED FOR IN THE PROPOSAL AS PAY ITEMS SHALL BE CONSIDERED INCIDENTAL AND NO SEPARATE PAYMENT SHALL BE MADE FOR SAME.

MIXING OF MATERIALS, STORING OF MATERIALS, STORING OF EQUIPMENT OR REPAIRING OF EQUIPMENT ON TOP OF PAVEMENT OR BRIDGE DECKS WILL NOT BE PERMITTED UNLESS SPECIFICALLY AUTHORIZED BY THE ENGINEER. PERMISSION WILL BE GRANTED TO STORE MATERIALS ON SUBJECT SURFACES IF NO DAMAGE OR DISCOLORATION WILL RESULT.

ALL REMOVED, DEMOLISHED, OBLITERATED, EXCESS AND WASTE MATERIALS SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE PROPERLY DISPOSED OF OFF-SITE. HANDLING, HAULING AND DISPOSAL SHALL BE CONSIDERED SUBSIDIARY TO THE VARIOUS BID ITEMS AND NO SEPARATE PAYMENT SHALL BE MADE FOR SAME.

TXDOT

ITEM 340: DENSE-GRADED HOT MIX ASPHALT (METHOD)

THE CONTRACTOR SHALL SUBMIT A MIX DESIGN FOR EACH COURSE TO THE ENGINEER FOR APPROVAL PRIOR TO CONSTRUCTION.

THE ASPHALTIC MATERIAL FOR ALL COURSES SHALL BE GRADE PG 64.

THE COARSE AGGREGATE FOR SURFACE COURSES SHALL HAVE A MINIMUM POLISH VALUE OF 22.

ALL COURSES SHALL BE PLACED WITH A FINISHING MACHINE EQUIPPED WITH AN AUTOMATIC SCREED CONTROL DEVICE.

ASPHALTIC CONCRETE PAVEMENT SHALL BE TAPERED AT BEGINNING AND ENDING POINTS AS DIRECTED BY THE ENGINEER.

THE POINT OF SAMPLING OF COARSE AGGREGATE FOR TEST METHOD TEX-217-F (PART II, DECANTATION) SHALL BE THE STOCKPILE.

THE COURSE AGGREGATE SHALL BE CRUSHED NATURAL STONE.

THE MIXTURE SHALL HAVE A STABILITY OF NOT LESS THAN 40 PERCENT.

FOR THIS PROJECT ITEM 585, "RIDE QUALITY FOR PAVEMENT SURFACE" WILL NOT BE REQUIRED.

WHEN AGGREGATES ARE BLENDED TO INCREASE THE POLISH VALUE, THE NON-POLISHING AGGREGATE MUST BE EQUAL OR HAVE GREATER RESISTANCE TO LOSS BY ABRASION THAN THE POLISHING AGGREGATE WHEN TESTED BY THE TEST METHOD TEX-438-A; PART III.

HOT MIX ASPHALTIC CONCRETE PAVEMENT OPERATIONS WILL NOT BE PERMITTED WHEN IMPENDING WEATHER CONDITIONS, IN THE OPINION OF THE ENGINEER, MAY IMPAIR THE QUALITY OF THE FINISHED WORK.

SYNTHETIC AGGREGATE SHALL NOT BE USED.

RAP (RECLAIMED ASPHALT PAVEMENT) SHALL NOT BE USED.

DENSITY REQUIREMENTS SHALL BE ACCORDING TO ITEM 340, DENSE-GRADED HOT-MIX ASPHALT (METHOD).

ITEM 502: BARRICADES, SIGNS, AND TRAFFIC HANDLING

FOR DETAILS OF SIGNS, BARRICADES AND PLACEMENT OF SUCH SEE "BARRICADE AND CONSTRUCTION STANDARDS".

FOR THIS PROJECT, THE CONTRACTOR WILL FURNISH AND MAINTAIN ALL BARRICADES AND WARNING SIGNS, INCLUDING TEMPORARY AND PORTABLE TRAFFIC CONTROL DEVICES NECESSARY DURING THE VARIOUS PHASES OF CONSTRUCTION. THESE BARRICADES AND WARNING SIGNS SHALL BE CONSTRUCTED AND PLACED IN ACCORDANCE WITH THE "BARRICADE

AND CONSTRUCTION STANDARDS", LATEST TEXAS MUTCD AND TYPICAL CONSTRUCTION LAYOUTS, OR AS DIRECTED BY THE ENGINEER.

TWO WEEKS PRIOR TO ANY ALTERATION IN TRAFFIC PATTERNS, THE CONTRACTOR WILL PROVIDE THE ENGINEER, FOR HIS APPROVAL, A LAYOUT SHOWING ALL SIGNS, BARRICADES, STRIPING AND SIGNALIZATION. THE APPROVAL OF THIS LAYOUT BY THE ENGINEER WILL NOT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY FOR THE PROTECTION OF THE TRAVELING PUBLIC.

ALL ADVANCE WARNING SIGNS ARE TO BE SET PRIOR TO THE START OF CONSTRUCTION ACTIVITIES AND TO REMAIN IN PLACE UNTIL ALL CONSTRUCTION ACTIVITIES ARE COMPLETE AND ACCEPTED BY GALVESTON COUNTY. THE CONTRACTOR WILL COORDINATE WITH THE GALVESTON COUNTY ENGINEERING DEPARTMENT IN ESTABLISHING TRAFFIC ROUTES AND LOCATION OF SIGNS.

THE CONTRACTOR SHALL PROVIDE, INSTALL, MOVE, REPLACE AND MAINTAIN IN A CLEAN AND GOOD CONDITION ALL BARRICADES, SIGNS, BARRIERS, CONES, LIGHTS, SIGNALS, AND OTHER SUCH TYPE DEVICES AS MAY BE REQUIRED. UPON COMPLETION OF THE WORK, ALL BARRICADES, SIGNS, BARRIERS, ETC. AND EVIDENCE THEREOF SHALL BE REMOVED BY THE CONTRACTOR.

THE CONTRACTOR WILL NOT BLOCK TRAFFIC WITHOUT PRIOR APPROVAL OF THE ENGINEER.

ACCESS TO ALL BUSINESS AND PRIVATE PROPERTIES SHALL BE CONTINUOUSLY MAINTAINED EXCEPT FOR SHORT PERIODS DURING PAVING OPERATIONS AND AS APPROVED BY THE ENGINEER. THE CONTRACTOR SHALL NOTIFY PROPERTY OWNERS AT LEAST 48 HOURS PRIOR TO PAVING DRIVEWAY FILLETS.

AT THE END OF THE WORKING DAY THE ROADWAYS SHALL BE OPENED TO TWO-WAY TRAFFIC WITH ADEQUATE PAVEMENT MARKINGS AND SIGNS.

MATERIALS FURNISHED AND WORK PERFORMED UNDER THESE PROVISIONS SHALL NOT BE MEASURED FOR PAYMENT BUT SHALL BE CONSIDERED SUBSIDIARY TO THE VARIOUS BID ITEMS.

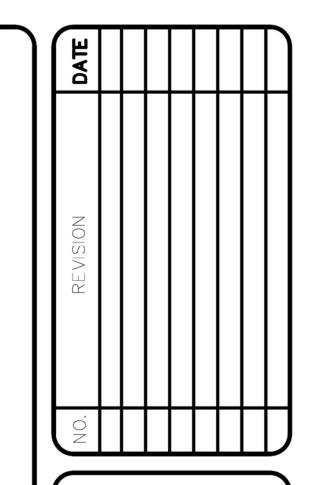
LOOSE GRAVEL, UNEVEN PAVEMENT AND ROUGH PAVEMENT SIGNS SHALL BE PROVIDED AND MAINTAINED THROUGHOUT THE PROJECT ON A CONTINUOUS BASIS AS DIRECTED BY THE ENGINEER.

ALL EQUIPMENT SHALL BE OFF THE ROAD BY DARK AND BEFORE DAWN.

EXISTING DRAINAGE SHALL BE MAINTAINED AT ALL TIMES.

DURING CERTAIN PHASES OF CONSTRUCTION FLAGMEN WILL BE REQUIRED TO DIRECT AND CONTROL TRAFFIC. THIS WORK WILL NOT BE PAID FOR DIRECTLY BUT SHALL BE CONSIDERED SUBSIDIARY TO THE VARIOUS BID ITEMS. FLAGGER CONTROL SHALL BE MAINTAINED IN ACCORDANCE WITH THE LATEST TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (TMUTCD).

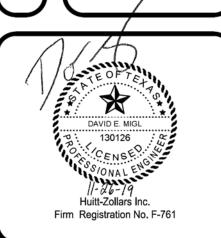
THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTROLLING EXCESS DUST AND LOOSE ROCKS PRODUCED BY THE WORK. THE CONTRACTOR SHALL USE METHODS WHICH ARE REASONABLE AND PRACTICAL TO CONTROL THESE PROBLEMS. USE SIGNING FOR UNEVEN LANES WZ(UL)-03 DURING RESURFACING OPERATIONS FOR ELEVATION DIFFERENCES BETWEEN ADJACENT LANES OF GREATER THAN 1 IN.



Huitt-Zollars, Inc.
TBPE REG NO F-761
10350 Richmond Ave, Suite 300
Houston, Texas 77042



9TH & 11TH STREET Drainage restoration



DATE: 07-12-2019 SCALE:

DRAWN: M.V.

DESIGNED: D.E.M.
CHECKED: G.R.W.
PROJ. NO.: R307771.01

SHEET 02 OF 38

DWG FILE: I.\R307771.01 — 9th And 11th Avenue Drainage Restoration\10 CADD & BIM\10.1 AutoCAD\SHEET FILES\02 GENERAL SAVE DATE: Apr 11, 2019 12:17 PM BY: Mvega PLOT DATE: Nov 26, 2019 12:05 PM XREFS:XREF_BORDER

CONSTRUCTION NOTES

- 1. THE PROJECT PLANS ARE INTENDED AS A GUIDE. THE PROJECT LIMITS WILL BE DETERMINED IN THE FIELD BY THE DESIGN ENGINEER PRIOR TO CONSTRUCTION ACTIVITIES. DUE TO THE DYNAMIC CONDITIONS IN THE FIELD, PROJECT SCOPE AND QUANTITIES MAY VARY FROM THE PLANS AND/OR CROSS SECTIONS. GALVESTON COUNTY RESERVES THE RIGHT TO ADJUST PLANS AND QUANTITIES AS NECESSARY.
- 2. FENCES AND/OR OTHER ENCROACHMENTS IN THE GALVESTON COUNTY RIGHT-OF-WAY ARE NOT TO BE REMOVED UNLESS OTHERWISE STATED ON THE PLANS. ACCESS IS LIMITED TO THE AVAILABLE GALVESTON COUNTY RIGHT-OF-WAY UNLESS OTHERWISE STATED ON THE PLANS. ANY ADDITIONAL OR ALTERNATIVE ACCESS IS THE RESPONSIBILITY OF THE CONTRACTOR.
- 3. DO NOT ENTER PRIVATE PROPERTY WITHOUT PROPER AUTHORITY FROM THE OWNER AND GALVESTON COUNTY.
- 4. CONTRACTOR SHALL PROTECT ALL TREES WITHIN PROJECT LIMITS EXCEPT THOSE DESIGNATED TO BE REMOVED. FIELD VERIFY WITH ENGINEER.
- 5. CONTRACTOR SHALL CLEAR AND REMOVE ALL SILT AND OBSTRUCTIONS FROM 9TH & 11TH DITCHES AND CULVERTS WITHIN PROJECT LIMITS.
- 6. LENGTHS, AND DIAMETERS REPRESENTED ON THE PLANS ARE APPROXIMATE. CONTRACTOR WILL BE RESPONSIBLE FOR FIELD VERIFICATION PRIOR TO ORDERING MATERIAL.
- 7. ROW REPRESENTED ON THE PLANS ARE APPROXIMATE. CONTRACTOR WILL BE RESPONSIBLE FOR FIELD VERIFICATION.
- 8. CONTRACTOR SHALL MAINTAIN DITCH FREE OF DEBRIS AND EXTRANEOUS MATERIALS.
- 9. CONTRACTOR SHALL MAINTAIN DITCH FLOW DURING HIGH FLOW BY ALLOWING FLOW THROUGH CONSTRUCTION AREA.
- 10. PAYMENT FOR CEMENT STABILIZED SAND FOR BEDDING PIPE IS INCIDENTAL TO THE RESPECTIVE PIPE SIZE BID ITEM.
- 11. DRIVEWAYS DESIGNATED TO BE REMOVED AND REPLACED SHALL MATCH EXISTING DRIVEWAYS' DIMENSIONS AND MATERIALS.
- 12. PAYMENT FOR RE-GRADING, RESHAPING, EXCAVATION AND OFF-SITE DISPOSAL FOR ROADSIDE DITCHES WILL BE PAID BY THE
- 13. ANY MAIL BOXES REQUIRING REMOVAL SHALL BE RELOCATED SO THAT MAIL SERVICE IS NOT INTERRUPTED.
- 14. FENCES THAT ARE DESIGNATED TO BE REMOVE, CONTRACTOR SHALL DETERMINE THE ADJACENT PROPERTY LOT CORNERS AND REMOVE ONLY THE PORTION LOCATED IN THE PUBLIC ROW. THEN, THE CONTRACTOR SHALL NEATLY PLACE THE REMOVED FENCE IN THE ADJACENT PROPERTY.
- 15. FOR CENTERPOINT SERVICE LINES TO THE GAS METER, CONTRACTOR SHALL HAND EXCAVATE TO DETERMINE DEPTH OF LINE BEFORE ANY CONSTRUCTION OVER THE SERVICE LINE. IF SERVICE LINE COVER IS WITHIN 18 INCHES, CONTACT GALVESTON COUNTY AND STOP CONSTRUCTION WITHIN 3 FEET OF THE SERVICE LINE. CENTERPOINT WILL RELOCATE THE SERVICE LINE AND THEN CONTRACTOR CAN CONTINUE DITCH RE-GRADING OVER THE SERVICE LINE.
- 16. FOR WATER SERVICE LINES TO THE WATER METER, CONTRACTOR SHALL HAND EXCAVATE TO DETERMINE DEPTH OF LINE BEFORE ANY CONSTRUCTION OVER THE SERVICE LINE. IF SERVICE LINE COVER IS WITHIN 18 INCHES, CONTACT GALVESTON COUNTY AND STOP CONSTRUCTION WITHIN 3 FEET OF THE SERVICE LINE. BACLIFF MUD WILL RELOCATE THE SERVICE LINE AND THEN CONTRACTOR CAN CONTINUE DITCH RE-GRADING OVER THE SERVICE LINE.
- 17. THE REQUIREMENTS OF THE TEXAS UTILITY CODE CHAPTER 251 FOR LOCATING UNDERGROUND UTILITIES SHALL BE ADHERED TO IN THE PERFORMANCE OF THIS WORK. IN ACCORDANCE WITH SECTION 251.151, THE CONTRACTOR PERFORMING THE EXCAVATION SHALL REQUEST LOCATES NOT EARLIER THAN THE 14TH DAY BEFORE AND NO LATER THAN 48 HOURS BEFORE THE INTENDED EXCAVATION EXCLUDING SATURDAYS, SUNDAYS, AND LEGAL HOLIDAYS. THE CONTRACTOR SHALL ENFORCE THESE REQUIREMENTS ON ITS FORCES AS WELL AS ITS SUBCONTRACTORS.
- 18. CENTERPOINT, TELECOMMUNICATION COMPANIES, & BACLIFF MUD HAVE EXISTING FACILITIES WITHIN OR IMMEDIATELY ADJACENT TO THE LIMITS OF WORK. CONTRACTOR SHALL COORDINATE WITH EACH OWNER TO DETERMINE THE DISPOSITION OF EACH UTILITY STRUCTURE. CONTRACTOR SHALL PROTECT ANY UTILITY STRUCTURE THAT WILL REMAIN. CONTRACTOR WILL ALLOW ENTRY TO THE LIMITS OF WORK BY OWNERS OR THEIR CONTRACTORS TO REMOVE, RELOCATE, INSTALL OR ADJUST UTILITY STRUCTURES AS REQUIRED FOR THE WORK.
- 19. CONTRACTOR SHALL CONSTRUCT SWPPP CONTROL FEATURES PER SHEETS 33 TO 38 PRIOR TO THE START OF CONSTRUCTION ACTIVITIES.

CENTERPOINT NOTES:

CAUTION: UNDERGROUND GAS FACILITIES

THE CONTRACTOR SHALL CONTACT THE UTILITY COORDINATING COMMITTEE AT 1-800-545-6005 OR 811 A MINIMUM OF 48 HOURS PRIOR TO CONSTRUCTION TO HAVE MAIN AND SERVICE LINES FIELD LOCATED.

- WHEN CENTERPOINT ENERGY PIPE LINE MARKINGS ARE NOT VISIBLE, CALL (713) 945-8036 OR (713-945-8037 (7:00 A.M. TO 4:30 P.M.) FOR STATUS OF LINE LOCATION REQUEST BEFORE EXCAVATION BEGINS.
- WHEN EXCAVATING WITHIN EIGHTEEN INCHES (18") OF THE 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.
- FOR EMERGENCIES REGARDING GAS LINES CALL (713) 659-3552 OR (713) 207-4200.

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

WARNING: OVERHEAD ELECTRICAL LINES

OVERHEAD LINES MAY EXIST ON THE PROPERTY. THE LOCATION OF OVERHEAD LINES HAS NOT BEEN SHOWN ON THESE DRAWINGS AS THE LINES ARE CLEARLY VISIBLE, BUT YOU SHOULD LOCATE THEM PRIOR TO BEGINNING ANY CONSTRUCTION. TEXAS LAW, SECTION 752, HEALTH & SAFETY CODE FORBIDS ACTIVITIES THAT OCCUR IN CLOSE PROXIMITY TO HIGH VOLTAGE LINES, SPECIFICALLY:

- ANY ACTIVITY WHERE PERSON OR THINGS MAY COME WITHIN SIX(6) FEET OF LIVE OVERHEAD HIGH VOLTAGE LINES; AND
- OPERATING A CRANE, DERRICK, POWER SHOVEL, DRILLING RIG, PILE DRIVER, HOISTING EQUIPMENT, OR SIMILAR APPARATUS WITHIN 10 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 AT (713) 207-2222.

ACTIVITIES ON/OR ACROSS CENTERPOINT ENERGY FEE OR EASEMENT PROPERTY NO APPROVAL TO USE, CROSS OR OCCUPY CENTERPOINT FEE OR EASEMENT PROPERTY IS GIVEN. IF YOU NEED TO USE CENTERPOINT PROPERTY, PLEASE CONTACT OUR SURVEYING & RIGHT OF WAY DIVISION AT (713) 207-6348 OR (713) 207-5769.

SWPP NOTES:

CONTRACTOR SHALL CONSTRUCT SWPPP CONTROL FEATURES PER SHEETS 33 - 38 PRIOR TO THE START OF CONSTRUCTION ACTIVITIES.

LEGEND:

① = TELEPHONE JUNCTION BOX

= SANITARY MANHOLE

= WATER METER = FIRE HYDRANT

(E) = ELECTRIC JUNCTION BOX

© = ELECTRIC METER

= ELECTRICAL PEDESTAL = GAS METER

= TRANSFORMER

= GRATE INLET

= GRATE INLET

= BOLLARD= WATER VALVE

= TEMPORARY BENCHMARK/

CONTROL POINT

= FOUND IRON ROD

• = FOUND IRON PIPE/OTHER

= WOODEN FENCE
= SANITARY LINE
= STORM LINE
= WATER LINE

= FLOW LINE

_◎ = SIGN

= DOUBLE SUPPORT SIGN

= GUY ANCHOR

= SIGNAL POLE

= MAILBOX

= CLEANOUT

= POWER/SERVICE POLE

DRIVEWAY NUMBER

= TOP OF DITCH

= BOTTOM OF DITCH

= BOTTOM OF DITCH

= PAVEMENT EDGE-ASPHALT

= OVERHEAD ELECTRIC = UNDERGRADE TELEPHONE

ABBREVIATIONS:

F.C. No. = FILM CODE NUMBER

B.L. = BUILDING SETBACK LINE

C.M. = CONTROL MONUMENT

T.B.M. =TEMPORARY BENCHMARK

A.E. = AERIAL EASEMENT

U.E. = UTILITY EASEMENT

R.O.W. = RIGHT-OF-WAY

VOL. = VOLUME

I.R. = IRON ROD

I.P. = IRON PIPE

ESMT. = EASEMENT

PG. = PAGE

D.R.G.C.T. = DEED RECORDS GALVESTON COUNTY TEXAS

M.R.G.C.T. = MAP RECORDS GALVESTON COUNTY TEXAS

O.P.R.R.P.G.C.T. = OFFICIAL PUBLIC RECORDS REAL PROPERTY GALVESTON COUNTY TEXAS

= GRAVEL PAVEMENT

NO. REVISION DATE

HUITT-ZOLLARS Huitt-Zollars, Inc.

TBPE REG NO F-761 10350 Richmond Ave, Suite 300 Houston, Texas 77042 Phone (281) 496-0066 Fax (281) 496-0220



9TH & 11TH STREET DRAINAGE RESTORATION

DAVID E. MIGL

130126

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H-46-19

Huitt-Zollars Inc.

Firm Registration No. F-761

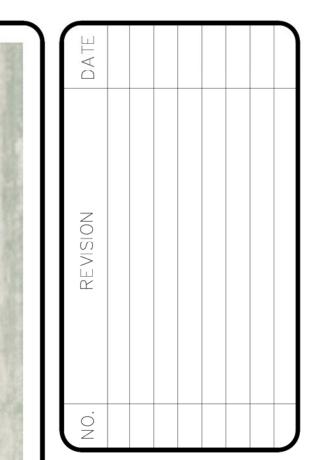
DATE: 07-12-201
SCALE: N/A (H)
N/A (V)
DRAWN: M.V.

DESIGNED: D.E.M.
CHECKED: G.R.W.
PROJ. NO.: R307771.01

PROJ. NO.: R307771.0 Sheet 03 of 38

3 FILE: I:\R307771.01 — 9th And 11th TE DATE: Apr 19, 2019 9:06 AM BY: F

71.01 — 9th And 11th Avenue Drainage 2019 9:06 AM BY: Fsoto R XREF_LAYOUTS



HUITT-ZOLIARS

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07-12-2019 SCALE: N/A (H) N/A (V)

DESIGNED: D.E.M. CHECKED: G.R.W. PROJ. NO.: R307771.01

SHEET 04 OF 38