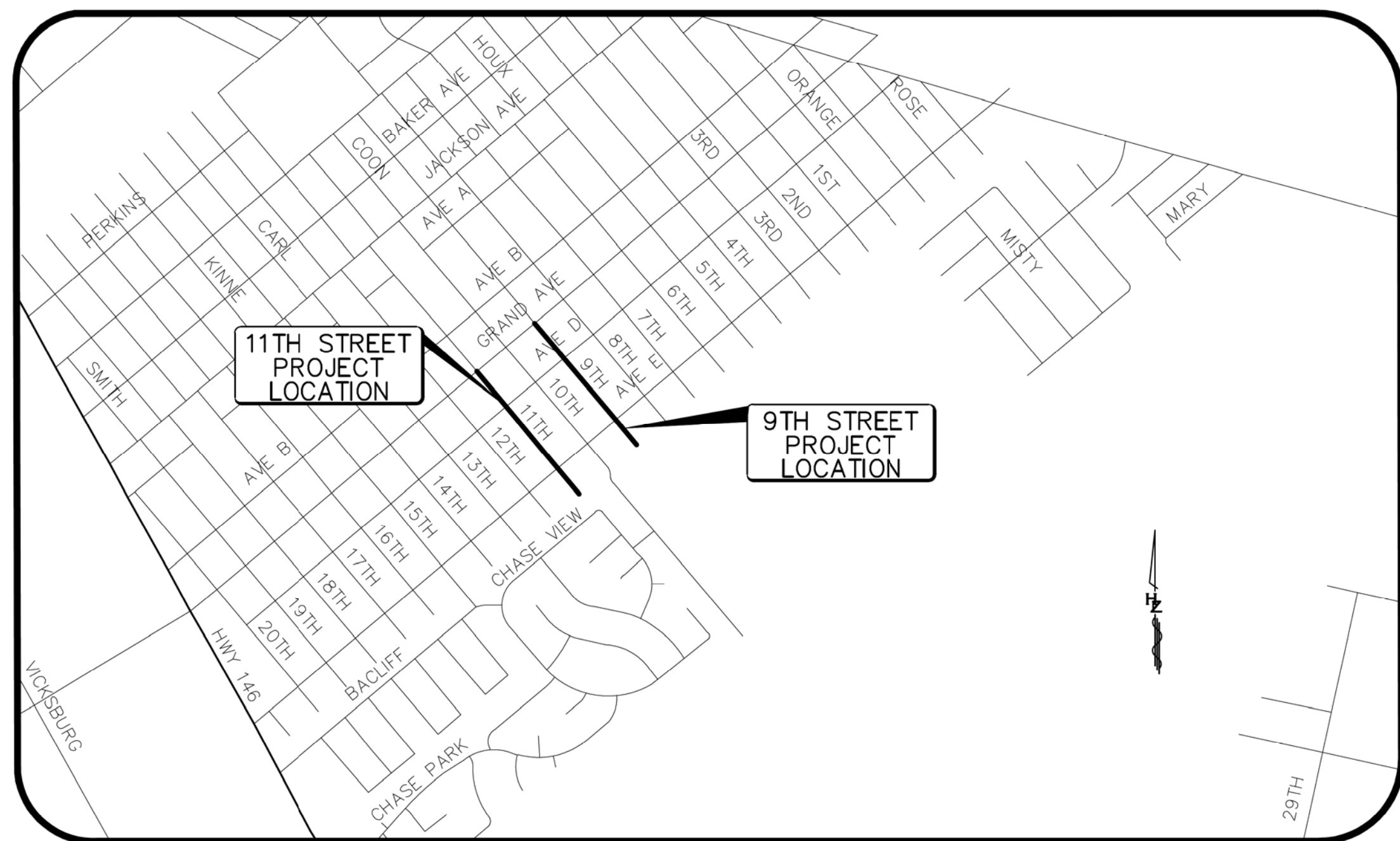


I:\R307771.01 - 9th and 11th Avenue Drainage Restoration\10 CAD & BIM\01 AutoCAD\Sheet Files\01 COVER.dwg Plotted: Nov 26, 2019 - 12:05 PM dmjg



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
PRECINCT #3	HONORABLE STEPHEN D. HOLMES
PRECINCT #4	HONORABLE KEN CLARK

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

# 9TH & 11TH STREETS DRAINAGE RESTORATION BACLIFF, TEXAS

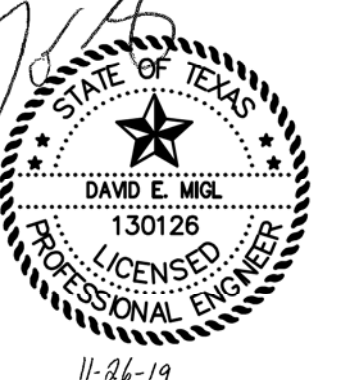
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Note: A PRE-CONSTRUCTION MEETING WITH GALVESTON COUNTY  
ENGINEERING DEPARTMENT IS REQUIRED AT LEAST 10 WORKING  
DAYS PRIOR TO ON SITE CONSTRUCTION ACTIVITIES. CALL (409)  
770-5554 FOR A MEETING DATE AND TIME.

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





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\03\_CONSTRUCTION NOTES.dwg  
SAVE DATE: 11/29/19, 9:00 AM BY: Fsolo  
XREFS: XREF\_BORDER XREF\_LAYOUTS

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 LINEAR FOOT.
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
- W

= WATER METER
- ⬡

= FIRE HYDRANT
- E

= ELECTRIC JUNCTION BOX
- Ⓜ

= ELECTRIC METER
- Ⓜ

= ELECTRICAL PEDESTAL
- Ⓜ

= GAS METER
- Ⓜ

= TRANSFORMER
- = GRATE INLET
- = BOLLARD
- WV

= WATER VALVE
- ▲

= TEMPORARY BENCHMARK/  
CONTROL POINT
- = FOUND IRON ROD
- = FOUND IRON PIPE/OTHER
- ⬡

= SIGN
- ⬡

= DOUBLE SUPPORT SIGN
- Ⓜ

= POWER/SERVICE POLE
- = GUY ANCHOR
- Ⓜ

= SIGNAL POLE
- = MAILBOX
- = CLEANOUT
- ⬡

= DRIVEWAY NUMBER

- =====

= WOODEN FENCE
- = SANITARY LINE
- =====

= STORM LINE
- =====

= WATER LINE
- = FLOW LINE

- =====

= TOP OF DITCH
- = BOTTOM OF DITCH
- =====

= PAVEMENT EDGE-ASPHALT
- =====

= OVERHEAD ELECTRIC
- =====

= UNDERGRADE TELEPHONE
- =====

= GRAVEL PAVEMENT

ABBREVIATIONS:

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  
F.C. No. = FILM CODE NUMBER  
A.E. = AERIAL EASEMENT  
U.E. = UTILITY EASEMENT  
B.L. = BUILDING SETBACK LINE  
VOL. = VOLUME  
PG. = PAGE  
ESMT. = EASEMENT  
C.M. = CONTROL MONUMENT  
T.B.M. =TEMPORARY BENCHMARK  
R.O.W. = RIGHT-OF-WAY  
I.R. = IRON ROD  
I.P. = IRON PIPE

DATE									
REVISION									
NO.									

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

THE STATE OF TEXAS

COUNTY OF GALVESTON

CONSTRUCTION NOTES

9TH & 11TH STREET  
DRAINAGE RESTORATION

DAVID E. MCKINLEY  
30126  
LICENSED PROFESSIONAL ENGINEER  
11/29/19  
Huitt-Zollars Inc.  
Firm Registration No. F-761

DATE: 07-12-2019

SCALE: N/A (H)  
N/A (V)

DRAWN: M.V.

DESIGNED: D.E.M.

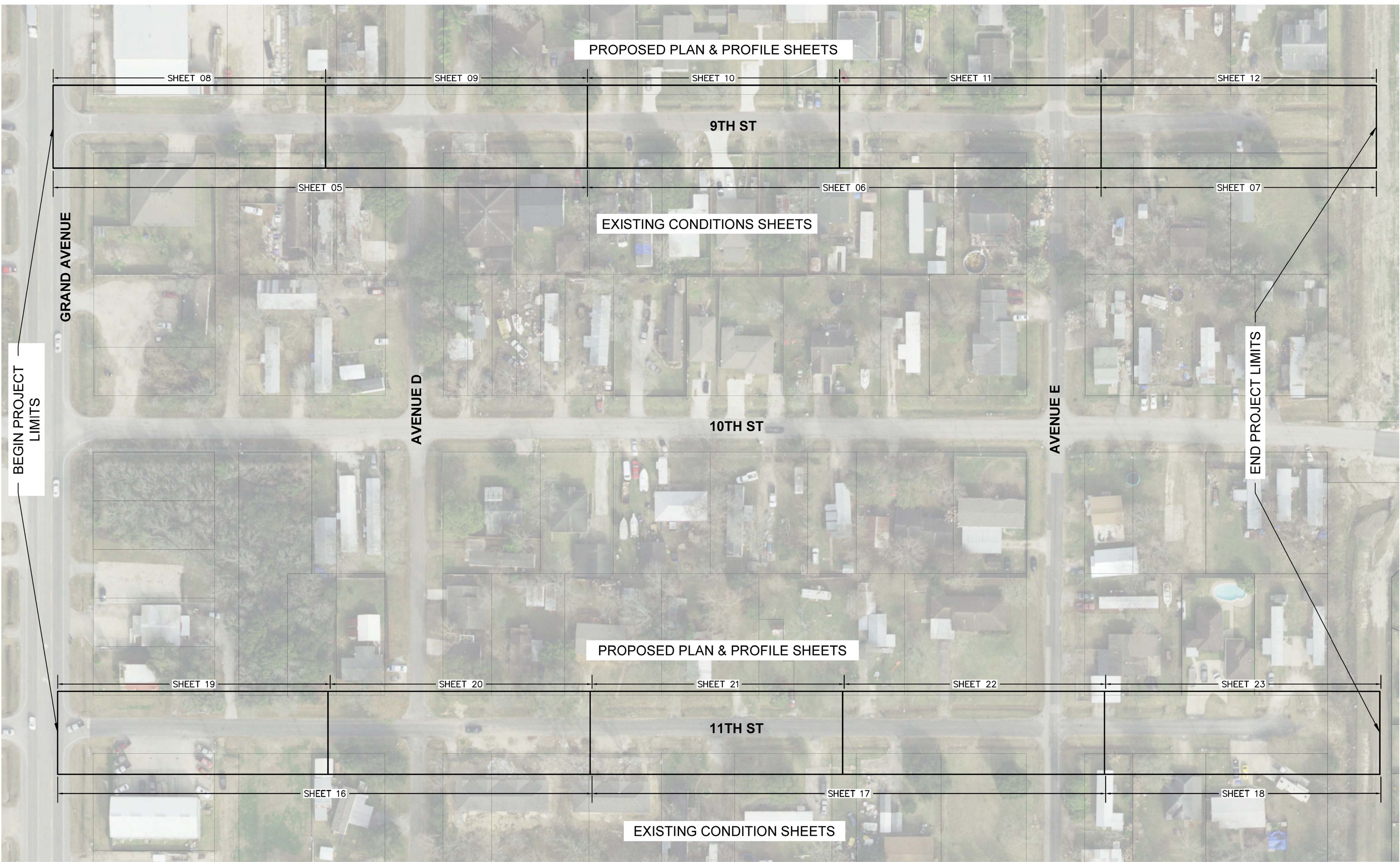
CHECKED: G.R.W.

PROJ. NO.: R307771.01

SHEET 03 OF 38



DWG FILE: I:\R307771.01 - 9th And 11th Avenue Drainage Restoration\10\_CADD & BIM\10.1\_AutoCAD\SHEET FILES\04 OVERALL SITE PLAN.dwg  
SAVE DATE: 11/29/2019 9:05 AM BY: Fsgco  
XREFS: XREF\_BORDER Parcels XREF\_LAYOUTS



NO.	REVISION	DATE

**HUITT-ZOLLARS**  
Huitt-Zollars, Inc.  
TBPE REG NO F-761  
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OVERALL SITE PLAN

9TH & 11TH STREET  
DRAINAGE RESTORATION



DATE: 07-12-2019  
SCALE: N/A (H)  
N/A (V)  
DRAWN: M.V.  
DESIGNED: D.E.M.  
CHECKED: G.R.W.  
PROJ. NO.: R307771.01  
SHEET 04 OF 38