

6196 LAKE GRAY BLVD., STE. 101, JACKSONVILLE, FL 32244

& Associates, Inc.

CONSULTING ENGINEERS & SURVEYORS

VACUUM TEST HOLE REPORT

TEST HOLE NO.:

FRA JOB NO.: 2984

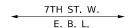
WORK ORDER NO.:

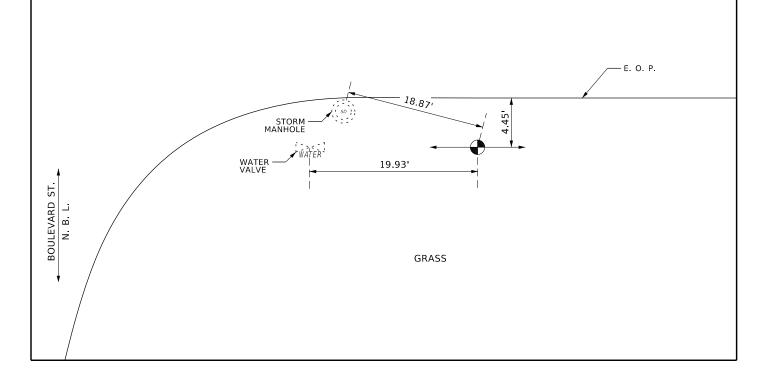
31

1

PROJECT NAME: SUE SERVICES FOR BOULEVARD ST. WATER MAIN & FORCE MAIN REPLACEMENT FROM 7TH ST. W. TO W. 11TH ST. FORM BY: HERNANDO ASSISTED BY: EDUARDO LOCATE REQUESTED BY: R.E. HOLLAND & ASSOCIATES FORM CHECKED BY: I. MARTI TIME: REQUESTED LOCATE: WATER NO. HOLES: DATE: 07/17/2019 1 LOCATED UTILITY: WATER UTILITY OWNER: JEA WATER & SEWER MATERIAL AS FOUND: C/I PAVEMENT TYPE: GRASS SIZE AS FOUND: SIZE EXPECTED: UNK. PAVEMENT CONDITION: N/A UTILITY CONDITION: GOOD SOIL CONDITIONS: WET/SAND RIBBON INSTALLED: BLUE PROPOSED: WATER & SEWER IMPROVEMENTS INSTALLED: HUB ELEV SURVEY PIN **PAVEMENT** N/A CROWN OF UTILITY N/A AT: SURVEY PIN LOCATED BY: F.R. ALEMAN & ASSOCIATES SUB-PAVEMENT COVER (TOP) N/A JOB MEASUREMENT TYPE: U.S. FOOT 3.20 ELEV (TOP) NOTES: N/A EXCAVATED TO A DEPTH OF 3.20' FOUND A 8" C/I W. M. (JEA WATER & SEWER) CORRESPONDS TO LOCATION # 1, FIND THE TEST HOLE COVER (BOTTOM) REPRESENTATION IN THE SHEET NO. 4, OF BOULEVARD FORCE MAIN AND WATER MAIN REPLACEMENT, PLAN AND 3.87 ELEV (BOTTOM) PROFILE, PROVIDED BY THE CLIENT WIDTHFACING N/A +/- 8" Ε STATION (±) N/A OFFSET: 4.45 RT







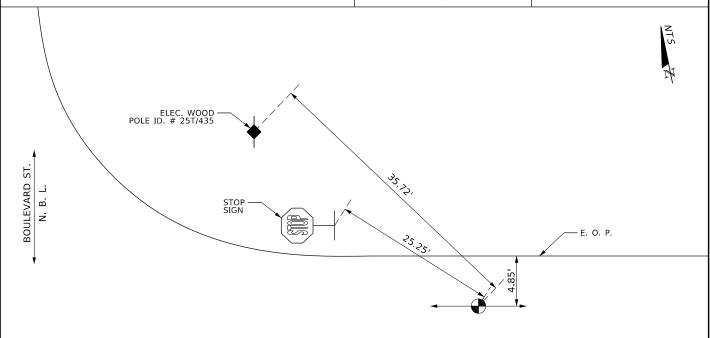
VACUUM TEST HOLE REPORT

TEST HOLE NO .:

FRA JOB NO.: 2984

WORK ORDER NO .:

PROJECT NAME: SUE SERVICES FOR BOULEVARD ST. WATER MAIN & FORCE MAIN REPLACEMENT FROM 7TH ST. W. TO W. 11TH ST.	FORM BY: JERALD ASSISTED BY: OMAR			
LOCATE REQUESTED BY: R.E. HOLLAND & ASSOCIATES	FORM CHECKED BY: I. MARTI			
REQUESTED LOCATE: WATER	NO. HOLES: 1 DATE: 07/16/2019 TIME: -			
LOCATED UTILITY: WATER	UTILITY OWNER: JEA WATER & SEWER			
MATERIAL AS FOUND: C/I	PAVEMENT TYPE: ASPHALT OVER CONCRETE			
SIZE AS FOUND: 4" SIZE EXPECTED: 6"	PAVEMENT CONDITION: GOOD			
UTILITY CONDITION: GOOD	SOIL CONDITIONS: HARD			
RIBBON INSTALLED: BLUE	PROPOSED: WATER & SEWER IMPROVEMENTS			
PAVEMENT N/A PAVEMENT 4' ASPHALT 4' CONCRETE	INSTALLED: PK AT: CROWN OF UTILITY SURVEY PIN LOCATED BY: F.R. ALEMAN & ASSOCIATES			
COVER (TOP) 2.50' ELEV (TOP) N/A	JOB MEASUREMENT TYPE: U.S. FOOT NOTES:			
	EXCAVATED TO A DEPTH OF 2.50' FOUND A 4" C/I W. M. (JEA WATER & SEWER)			
COVER (BOTTOM) 2.84' ELEV (BOTTOM) N/A WIDTH FACING	CORRESPONDS TO LOCATION # 2, FIND THE TEST HOLE REPRESENTATION IN THE SHEET NO. 4, OF BOULEVARD FORCE MAIN AND WATER MAIN REPLACEMENT, PLAN AND PROFILE, PROVIDED BY THE CLIENT			
+/- 4" W	STATION (±) N/A OFFSET: 4.85' LT			

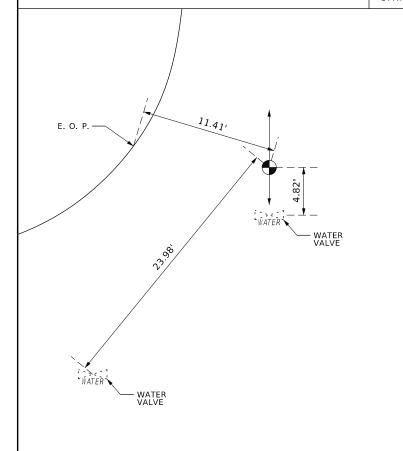


VACUUM TEST HOLE REPORT

TEST HOLE NO.: FRA JOB NO.: 2984

WORK ORDER NO.: 31

PROJECT NAME: SUE SERVICES FOR BOULEVARD ST. WATER MAIN & FORCE MAIN REPLACEMENT FROM 7TH ST. W. TO W. 11TH ST.	FORM BY: HERNANDO ASSISTED BY: EDUARDO				
LOCATE REQUESTED BY: R.E. HOLLAND & ASSOCIATES	FORM CHECKED BY: I. MARTI				
REQUESTED LOCATE: WATER	NO. HOLES: 1 DATE: 07/17/2019 TIME: -				
LOCATED UTILITY: WATER	UTILITY OWNER: JEA WATER & SEWER				
MATERIAL AS FOUND: C/I	PAVEMENT TYPE: ASPHALT				
SIZE AS FOUND: 8" SIZE EXPECTED: UNK	PAVEMENT CONDITION: GOOD				
UTILITY CONDITION: GOOD	SOIL CONDITIONS: WET/SAND				
RIBBON INSTALLED: BLUE	PROPOSED: WATER & SEWER IMPROVEMENTS				
ELEV SURVEY PIN N/A 6" SUB-PAVEMENT	INSTALLED: PK AT: CROWN OF UTILITY SURVEY PIN LOCATED BY: F.R. ALEMAN & ASSOCIATES				
COVER (TOP) 2.54' ELEV (TOP) N/A	NOTES: EXCAVATED TO A DEPTH OF 2.54' FOUND A 8" C/I W. M. (JEA WATER & SEWER)				
COVER (BOTTOM) 3.21' ELEV (BOTTOM) N/A +/- 8" S	CORRESPONDS TO LOCATION # 3, FIND THE TEST HOLE REPRESENTATION IN THE SHEET NO. 4, OF BOULEVARD FORCE MAIN AND WATER MAIN REPLACEMENT, PLAN AND PROFILE, PROVIDED BY THE CLIENT STATION (±) N/A OFFSET: 11.41' RT				





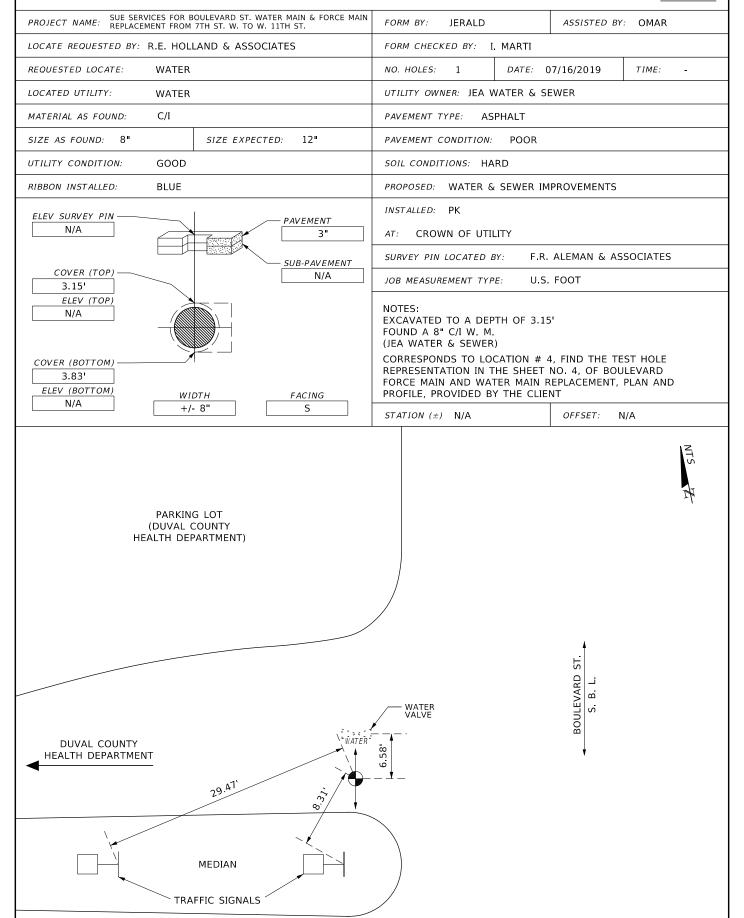




VACUUM TEST HOLE REPORT

TEST HOLE NO .: 4 FRA JOB NO .: 2984

WORK ORDER NO .:





VACUUM TEST HOLE REPORT

TEST HOLE NO.:

FRA JOB NO.: 2984

WORK ORDER NO .: 31

REDUESTED LOCATE: WATER REQUESTED LOCATE: WATER NO. HOLES: 1 DATE: 07/17/2019 TIME: LOCATED UTILITY: WATER WATER WATER WATER & SEWER MATERIAL AS FOUND: C/I SIZE AS FOUND: 8" SIZE EXPECTED: 8" PAVEMENT TYPE: ASPHALT OVER CONCRETE SIZE AS FOUND: BULE PROPOSED: WATER & SEWER IMPROVEMENTS INSTALLED: PK AT: CROWN OF UTILITY SURVEY PIN LOCATED BY: F.R. ALEMAN & ASSOCIATES VOUNCET: SURVEY PIN LOCATED BY: F.R. ALEMAN & ASSOCIATES LOCATER (BOTTOM) N/A COVER (BOTTOM) WIDTH FACING ELEV (BOTTOM) N/A 11.49' 7.60' 11.49' 7.60' 11.49' 7.60'	-
LOCATED UTILITY: WATER UTILITY OWNER: JEA WATER & SEWER MATERIAL AS FOUND: C/I PAVEMENT TYPE: ASPHALT OVER CONCRETE SIZE AS FOUND: B" SIZE EXPECTED: B" PAVEMENT CONDITION: GOOD UTILITY CONDITION: GOOD RIBBON INSTALLED: BLUE PROPOSED: WATER & SEWER IMPROVEMENTS ELEV SURVEY PIN STALLED: PK AT: CROWN OF UTILITY SURVEY PIN LOCATED BY: F.R. ALEMAN & ASSOCIATES LEV (TOP) N/A COVER (TOP) SUB-PAVEMENT N/A LEV (BOTTOM) 3.60' ELEV (BOTTOM) N/A WIDTH FACING ELEV (BOTTOM) N/A STATION (±) N/A OFFSET: 11.49' RT 8TH ST. W. E. B. L.	
MATERIAL AS FOUND: SIZE AS FOUND: S" SIZE EXPECTED: S" PAVEMENT TYPE: ASPHALT OVER CONCRETE PAVEMENT CONDITION: GOOD SOIL CONDITIONS: HARD PROPOSED: WATER & SEWER IMPROVEMENTS INSTALLED: ELEV SURVEY PIN N/A PAVEMENT SUB-PAVEMENT SUB-PAVEMENT N/A SUB-PAVEMENT SUB-PAVEMENT N/A SUB-PAVEMENT N/A SUB-PAVEMENT SUB-PAVEMENT N/A SUB-PAVEMENT SUB-PAVEMENT SUB-PAVEMENT N/A SUB-PAVEMENT SUB-PAVEME	
SIZE AS FOUND: 8" SIZE EXPECTED: 8" PAVEMENT CONDITION: GOOD SOIL CONDITIONS: HARD PROPOSED: WATER & SEWER IMPROVEMENTS INSTALLED: PK AT: CROWN OF UTILITY SUR-PAVEMENT 1. CROWN OF UTILITY SUR-PAVEMENT TYPE: U.S. FOOT NOTES: EXCAVATED TO A DEPTH OF 2.92' FOUND A 8" (7.1 W, M, (1)EA WATER & SEWER) COVER (BOTTOM) 3.60' ELEV (BOTTOM) N/A WIDTH 1-1-8" STATION (±) N/A OFFSET: 11.49' RT 8TH ST. W. E. B. L.	
### STALLED: GOOD ### SOIL CONDITIONS: HARD ### SOIL CONDITIONS: HARD ### PROPOSED: WATER & SEWER IMPROVEMENTS ### INSTALLED: PK ### AT: CROWN OF UTILITY ### SURVEY PIN LOCATED BY: F.R. ALEMAN & ASSOCIATES ### SURVEY PIN LOCATED BY: F.R.	
RIBBON INSTALLED: BLUE PROPOSED: WATER & SEWER IMPROVEMENTS INSTALLED: PK AT: CROWN OF UTILITY SURVEY PIN LOCATED BY: F.R. ALEMAN & ASSOCIATES SUB-PAVEMENT N/A SUB-PAVEMENT N/A NOTES: EXCAVATED TO A DEPTH OF 2.92' FOUND A 8" C/I W, M. (JEA WATER & SEWER) COVER (BOTTOM) N/A #IDTH FACING ELEV (BOTTOM) N/A #I- 8" S STATION (±) N/A OFFSET: 11.49' RT	
PAVEMENT S' ASPHALT S' ASPHALT S' ASPHALT S' ASPHALT S' ASPHALT SUB-PAVEMENT N/A SUB-PAVEMENT N/A SUB-PAVEMENT N/A SUB-PAVEMENT N/A INSTALLED: PK AT: CROWN OF UTILITY SURVEY PIN LOCATED BY: F.R. ALEMAN & ASSOCIATES SURVEY PIN LOCATED BY: F.R. ALEMAN & ASSOCIATES NOTES: EXCAVATED TO A DEPTH OF 2.92' FOUND A 8" C/I W. M. (JEA WATER & SEWER) CORRESPONDS TO LOCATION # 5, FIND THE TEST HOLE REPRESENTATION IN THE SHEET NO. 4, OF BOULEVARD FORCE MAIN AND WATER MAIN REPLACEMENT, PLAN AND PROFILE, PROVIDED BY THE CLIENT STATION (±) N/A OFFSET: 11.49' RT	
PAVEMENT N/A SUB-PAVEMENT TO CONCRETE SUB-PAVEMENT SUB-PAVEMENT N/A JOB MEASUREMENT TYPE: U.S. FOOT NOTES: EXCAVATED TO A DEPTH OF 2.92' FOUND A 8" (/I W. M. (JEA WATER & SEWER) CORRESPONDS TO LOCATION # 5, FIND THE TEST HOLE REPRESENTATION IN THE SHEET NO. 4, OF BOULEVARD FORCE MAIN AND WATER MAIN REPLACEMENT, PLAN AND PROFILE, PROVIDED BY THE CLIENT STATION (±) N/A OFFSET: 11.49' RT 8TH ST. W. E. B. L.	
N/A +/- 8" S STATION (±) N/A OFFSET: 11.49' RT 8TH ST. W. E. B. L.	
8TH ST. W. E. B. L.	
E. B. L.	
YELLOW CENTER LINE BOULEVARD ST. S. B. L. S. B. L.	NTS Z



VACUUM TEST HOLE REPORT

TEST HOLE NO.:

FRA JOB NO.: 2984

6

31

WORK ORDER NO.:

SUE SERVICES FOR BOULEVARD ST. WATER MAIN & FORCE MAIN REPLACEMENT FROM 7TH ST. W. TO W. 11TH ST. ASSISTED BY: EDUARDO PROJECT NAME: FORM BY: **HERNANDO** LOCATE REQUESTED BY: R.E. HOLLAND & ASSOCIATES FORM CHECKED BY: I. MARTI REQUESTED LOCATE: FOC NO. HOLES: 1 DATE: 07/16/2019 TIME: LOCATED UTILITY: TEL/FOC/DUCT-SYSTEM UTILITY OWNER: AT&T **PLASTIC** MATERIAL AS FOUND: PAVEMENT TYPE: **GRASS** SIZE AS FOUND: (3) 2" SIZE EXPECTED: UNK. PAVEMENT CONDITION: N/A UTILITY CONDITION: GOOD SOIL CONDITIONS: WET/SAND RIBBON INSTALLED: **ORANGE** PROPOSED: WATER & SEWER IMPROVEMENTS INSTALLED: HUB ELEV SURVEY PIN PAVEMENT N/A CROWN OF UTILITY E N/A AT: SURVEY PIN LOCATED BY: F.R. ALEMAN & ASSOCIATES SUB-PAVEMENT COVER (TOP) N/A U.S. FOOT JOB MEASUREMENT TYPE: 4.08 ELEV (TOP) NOTES: N/A EXCAVATED TO A DEPTH OF 4.08' FOUND A (3) 2" PLASTIC TEL/FOC & DUCT SYSTEM (AT&T) CORRESPONDS TO LOCATION # 6, FIND THE TEST HOLE COVER (BOTTOM) REPRESENTATION IN THE SHEET NO. 4, OF BOULEVARD 5.08 FORCE MAIN AND WATER MAIN REPLACEMENT, PLAN AND ELEV (BOTTOM) PROFILE, PROVIDED BY THE CLIENT WIDTH **FACING** N/A +/- 12" S STATION (±) N/A OFFSET: 1.15 LT SIDEWALK GRASS 11.70 1.15 BOULEVARD ST. Š 24.95 E.O.P. 7TH ST. W. W. B. L.



VACUUM TEST HOLE REPORT

TEST HOLE NO .: 7 FRA JOB NO.: 2984

WORK ORDER NO.:

PROJECT NAME: SUE SERVICES FOR BOULEY REPLACEMENT FROM 7TH S	VARD ST. WATER MAIN & FORCE MAIN ST. W. TO W. 11TH ST.	FORM BY: HERNANI	00	ASSISTED B	Y: EDUARD	00
LOCATE REQUESTED BY: R.E. HOLLAND	ASSOCIATES	FORM CHECKED BY: I. MARTI				
REQUESTED LOCATE: WATER		NO. HOLES: 1 DATE: 07/16			TIME:	-
LOCATED UTILITY: WATER	UTILITY OWNER: JEA V	WATER & SE	WER			
MATERIAL AS FOUND: C/I		PAVEMENT TYPE: GF	RASS			
SIZE AS FOUND: 8" SI	ZE EXPECTED: UNK.	PAVEMENT CONDITION:	N/A			
UTILITY CONDITION: GOOD		SOIL CONDITIONS: WE	ET/SAND			
RIBBON INSTALLED: BLUE		PROPOSED: WATER &	SEWER IMI	PROVEMENTS		
ELEV SURVEY PIN N/A	PAVEMENT N/A	INSTALLED: HUB AT: CROWN OF UTIL		ALEMANI C. A	SCOCIATES	
COVER (TOP) 3.18' ELEV (TOP)	SUB-PAVEMENT N/A	JOB MEASUREMENT TYP		FOOT	SSOCIATES	
N/A COVER (BOTTOM) 3.85' ELEV (BOTTOM) WIDTH	FACING	NOTES: EXCAVATED TO A DEPTH OF 3.18' FOUND A 8" C/I W. M. (JEA WATER & SEWER) CORRESPONDS TO LOCATION # 7, FIND THE TEST HOLE REPRESENTATION IN THE SHEET NO. 4, OF BOULEVARD FORCE MAIN AND WATER MAIN REPLACEMENT, PLAN AND PROFILE, PROVIDED BY THE CLIENT				
H/- 8"	S	STATION (±) N/A		OFFSET:	3.10' LT	
GRASS	SIDEWALK	GRASS				NTS
	_	9.75'	3.10			
SIGNAL TRAFFIC	23.22°		E.O.P.		BOULEVARD ST. S. B. L.	
				77Ti	H ST. W. /. B. L.	-



VACUUM TEST HOLE REPORT

TEST HOLE NO.:

FRA JOB NO.: 2984

8

WORK ORDER NO .:

0190 LAKE GRAF BLVD., STE. 101, JACKSONVILLE, F	, 32244		
PROJECT NAME: SUE SERVICES FOR BO REPLACEMENT FROM 7	ULEVARD ST. WATER MAIN & FORCE MAIN TH ST. W. TO W. 11TH ST.	FORM BY: HERNANDO	ASSISTED BY: EDUARDO
LOCATE REQUESTED BY: R.E. HOLL	AND & ASSOCIATES	FORM CHECKED BY: I. MARTI	
REQUESTED LOCATE: ELECTRIC		NO. HOLES: 1 DATE:	07/16/2019 <i>TIME:</i> -
LOCATED UTILITY: ELECTRIC	C/DUCT-SYSTEM	UTILITY OWNER: JEA	·
MATERIAL AS FOUND: PLASTIC		PAVEMENT TYPE: SIDEWALK	
SIZE AS FOUND: (4) 5" & (1) 2"	SIZE EXPECTED: UNK.	PAVEMENT CONDITION: N/A	
UTILITY CONDITION: GOOD		SOIL CONDITIONS: WET/SAND	
RIBBON INSTALLED: RED		PROPOSED: WATER & SEWER IN	/PROVEMENTS
COVER (TOP) 3.10' ELEV (TOP) N/A COVER (BOTTOM) 5.10' ELEV (BOTTOM) N/A WID:			RIC LINE, STEM 8, FIND THE TEST HOLE NO. 4, OF BOULEVARD REPLACEMENT, PLAN AND
		STATION (±) N/A	OFFSET: N/A
GRASS	SIDEWALK	GRASS	NTS
B. OF S/W — SIGNAL TRAFFIC	4.06' 2.15'	F. OF S/W	BOULEVARD ST. S. B. L.
			7TH ST. W. W. B. L.



& Associates, Inc.
CONSULTING ENGINEERS & SURVEYORS

VACUUM TEST HOLE REPORT

FRA JOB NO.: 9

WORK ORDER NO .: 6196 LAKE GRAY BLVD., STE. 101, JACKSONVILLE, FL 32244 PROJECT NAME: SUE SERVICES FOR BOULEVARD ST. WATER MAIN & FORCE MAIN REPLACEMENT FROM 7TH ST. W. TO W. 11TH ST. FORM BY: HERNANDO ASSISTED BY: EDUARDO LOCATE REQUESTED BY: R.E. HOLLAND & ASSOCIATES FORM CHECKED BY: I. MARTI REQUESTED LOCATE: WATER NO. HOLES: DATE: 07/17/2019 TIME: UTILITY OWNER: JEA WATER & SEWER LOCATED UTILITY: WATER MATERIAL AS FOUND: C/I PAVEMENT TYPE: **ASPHALT** SIZE AS FOUND: 8" SIZE EXPECTED: UNK. GOOD PAVEMENT CONDITION: UTILITY CONDITION: GOOD SOIL CONDITIONS: MOIST/SAND RIBBON INSTALLED: BLUE PROPOSED: WATER & SEWER IMPROVEMENTS INSTALLED: ELEV SURVEY PIN PAVEMENT N/A CROWN OF UTILITY AT: 6" SURVEY PIN LOCATED BY: F.R. ALEMAN & ASSOCIATES SUB-PAVEMENT COVER (TOP) N/A U.S. FOOT JOB MEASUREMENT TYPE: 2.38' ELEV (TOP) NOTES: N/A EXCAVATED TO A DEPTH OF 2.38' FOUND A 8" C/I W. M. (JEA WATER & SEWER) CORRESPONDS TO LOCATION # 9, FIND THE TEST HOLE COVER (BOTTOM) REPRESENTATION IN THE SHEET NO. 4, OF BOULEVARD 3.05 FORCE MAIN AND WATER MAIN REPLACEMENT, PLAN AND ELEV (BOTTOM) PROFILE, PROVIDED BY THE CLIENT WIDTH FACING N/A +/- 8" W STATION (±) N/A OFFSET: N/A 8TH ST. W. E. B. L. FIRE HYDRANT -BOULEVARD ST. BOULEVARD ST. a a S. **I** ₩ATER 5.25 5.71 WATER VALVE YELLOW LANES



VACUUM TEST HOLE REPORT

TEST HOLE NO.:

____10 ____2984

FRA JOB NO.: 2984
WORK ORDER NO.: 31

SUE SERVICES FOR BOULEVARD ST. WATER MAIN & FORCE MAIN REPLACEMENT FROM 7TH ST. W. TO W. 11TH ST. HERNANDO PROJECT NAME: FORM BY: ASSISTED BY: **EDUARDO** LOCATE REQUESTED BY: R.E. HOLLAND & ASSOCIATES FORM CHECKED BY: I. MARTI REQUESTED LOCATE: GAS NO. HOLES: DATE: 07/16/2019 TIMF. 1 LOCATED UTILITY: UTILITY OWNER: TECO PEOPLES GAS GAS GALV. MATERIAL AS FOUND: PAVEMENT TYPE: ASPHALT OVER CONCRETE SIZE AS FOUND: 1 1/2" SIZE EXPECTED: UNK. PAVEMENT CONDITION: GOOD UTILITY CONDITION: GOOD SOIL CONDITIONS: WET/SAND RIBBON INSTALLED: YELLOW PROPOSED: WATER & SEWER IMPROVEMENTS INSTALLED: PK ELEV SURVEY PIN PAVEMENT N/A CROWN OF UTILITY AT: SURVEY PIN LOCATED BY: F.R. ALEMAN & ASSOCIATES SUB-PAVEMENT COVER (TOP) 3" CONCRETE U.S. FOOT JOB MEASUREMENT TYPE: 3.04 ELEV (TOP) NOTES: N/A EXCAVATED TO A DEPTH OF 3.04' FOUND A 1 1/2" GALV. GAS. M. (TECO PEOPLES GAS) CORRESPONDS TO LOCATION # 16, FIND THE TEST HOLE COVER (BOTTOM) REPRESENTATION IN THE SHEET NO. 5, OF BOULEVARD 3.16 FORCE MAIN AND WATER MAIN REPLACEMENT, PLAN AND ELEV (BOTTOM) PROFILE, PROVIDED BY THE CLIENT **FACING** WIDTH N/A +/- 1 1/2" Ε STATION (±) N/A OFFSET: 3.52' LT ELEC. WOOD POLE ID. N/A BOULEVARD ST. ST BOULEVARD œ. ż 3.52 15.60 YELLOW LANES -- E. O. P. 8TH ST. W. W. B. L.



VACUUM TEST HOLE REPORT

TEST HOLE NO.: 11

FRA JOB NO.: 2984

WORK ORDER NO.:

	OR BOULEVARD ST. WATER MAIN & FORCE MAIN ROM 7TH ST. W. TO W. 11TH ST.	FORM	<i>M BY:</i> HERNAN	DO	ASSISTED BY	: EDUARDO
LOCATE REQUESTED BY: R.E. H	HOLLAND & ASSOCIATES	FORM	A CHECKED BY:	I. MARTI		
REQUESTED LOCATE: STO	RM	NO.	HOLES: 1	DATE: C	7/16/2019	TIME: -
LOCATED UTILITY: STO	RM	UTIL	ITY OWNER: JEA	WATER & SE	EWER	
MATERIAL AS FOUND: RCP		PAVE	EMENT TYPE: AS	SPHALT OVE	R CONCRETE	
SIZE AS FOUND: 24"	SIZE EXPECTED: UNK.	PAVE	EMENT CONDITION	GOOD		
UTILITY CONDITION: GOO	DD	SOIL	CONDITIONS: W	ET/SAND		
RIBBON INSTALLED: GRE	EN	PROF	POSED: WATER 8	SEWER IM	PROVEMENTS	
ELEV SURVEY PIN	PAVEMENT	INST	ALLED: PK			
N/A	4"	AT:	CROWN OF UTI	ILITY		
	SUB-PAVEMENT	SURV	YEY PIN LOCATED	<i>BY:</i> F.R.	ALEMAN & AS	SSOCIATES
3.49'	3" CONCRETE	JOB	MEASUREMENT TY	PE: U.S.	FOOT	
ELEV (TOP) N/A		NOTI		DTIL OF 2 40	NI.	
		FOU	AVATED TO A DEI ND A 24" RCP ST	ORM SEWER		
COVER (BOTTOM)		,	WATER & SEWER RESPONDS TO LC	,	L7, FIND THE T	TEST HOLE
COVER (BOTTOM) — 5.49'		REPF	RESENTATION IN T CE MAIN AND WA	THE SHEET	NO. 5, OF BOL	JLEVARD
ELEV (BOTTOM) N/A	WIDTH FACING +/- 24" E		FILE, PROVIDED E			
	+/- 24	STAT	TION (±) N/A		OFFSET:	N/A
						12
			9.5	ALK		NTS
<u>†</u>	†		GRASS	SIDEWALK		H
ST.	ST			IS		1
ΛΑΚ[VARE B. L					
BOULEVARD	BOULEVARD N. B. L.		NO			
BC	BC		F.O.C.			
†	†		BOX F.			
		` /	m O			
	10.2	•/				
		./				
	\					
	15 601	- \				
	15.60'					
			15.10.			
YELLOW LANES —					A/A	
					ELEC. WOOD POLE ID. N/A	
					ELEC	
	2711 67 111					
	▼ 8TH ST. W. ▼ W. B. L.					



VACUUM TEST HOLE REPORT

TEST HOLE NO.: ___

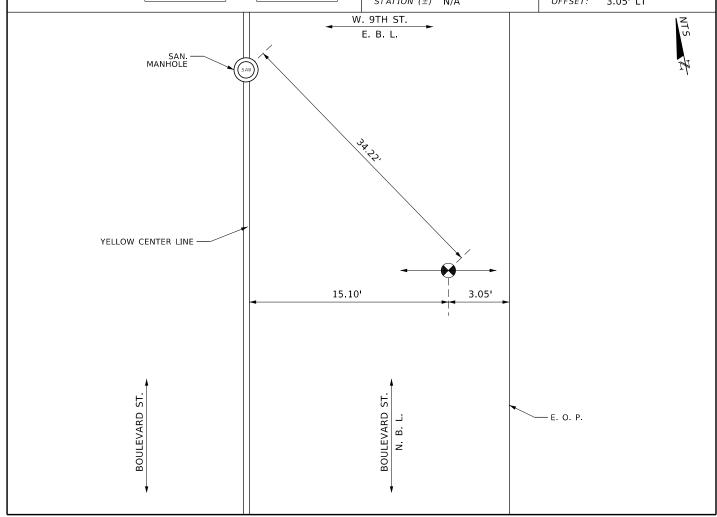
FRA JOB NO.: 2984

12

31

WORK ORDER NO.:

SUE SERVICES FOR BOULEVARD ST. WATER MAIN & FORCE MAIN REPLACEMENT FROM 7TH ST. W. TO W. 11TH ST. PROJECT NAME: FORM BY: **JERALD** ASSISTED BY: OMAR LOCATE REQUESTED BY: R.E. HOLLAND & ASSOCIATES FORM CHECKED BY: I. MARTI REQUESTED LOCATE: DATE: 07/16/2019 TIME: WATER NO. HOLES: 1 LOCATED UTILITY: WATER UTILITY OWNER: JEA WATER & SEWER MATERIAL AS FOUND: C/I PAVEMENT TYPE: ASPHALT OVER CONCRETE SIZE AS FOUND: 6" SIZE EXPECTED: 6" PAVEMENT CONDITION: GOOD UTILITY CONDITION: GOOD SOIL CONDITIONS: HARD **BLUE** RIBBON INSTALLED: PROPOSED: WATER & SEWER IMPROVEMENTS INSTALLED: PK ELEV SURVEY PIN PAVEMENT 5 ASPHALT 3 CONCRETE N/A CROWN OF UTILITY F.R. ALEMAN & ASSOCIATES SURVEY PIN LOCATED BY: SUB-PAVEMENT COVER (TOP) N/A JOB MEASUREMENT TYPE: U.S. FOOT 3.56 ELEV (TOP) NOTES: N/A EXCAVATED TO A DEPTH OF 3.56' FOUND A 6" C/I W. M. (JEA WATER & SEWER) CORRESPONDS TO LOCATION # 18, FIND THE TEST HOLE COVER (BOTTOM) REPRESENTATION IN THE SHEET NO. 5, OF BOULEVARD 4.16 FORCE MAIN AND WATER MAIN REPLACEMENT, PLAN AND ELEV (BOTTOM) PROFILE, PROVIDED BY THE CLIENT WIDTH FACING N/A +/- 6" Ε STATION (±) N/A OFFSET: 3.05' LT





& Associates, Inc.

VACUUM TEST HOLE REPORT

TEST HOLE NO .: 13 FRA JOB NO.: 2984

CONSULTING ENGINEERS & SURVEYORS WORK ORDER NO.: 31 6196 LAKE GRAY BLVD., STE. 101, JACKSONVILLE, FL 32244 PROJECT NAME: SUE SERVICES FOR BOULEVARD ST. WATER MAIN & FORCE MAIN REPLACEMENT FROM 7TH ST. W. TO W. 11TH ST. ASSISTED BY: OMAR FORM BY: **JERALD** LOCATE REQUESTED BY: R.E. HOLLAND & ASSOCIATES FORM CHECKED BY: I. MARTI REQUESTED LOCATE: SAN. NO. HOLES: DATE: 07/16/2019 TIME: LOCATED UTILITY: UTILITY OWNER: JEA WATER & SEWER SAN. TERRA COTTA MATERIAL AS FOUND: PAVEMENT TYPE: ASPHALT OVER CONCRETE SIZE AS FOUND: 12" SIZE EXPECTED: 12" GOOD PAVEMENT CONDITION: UTILITY CONDITION: GOOD SOIL CONDITIONS: HARD RIBBON INSTALLED: GREEN PROPOSED: WATER & SEWER IMPROVEMENTS INSTALLED: PK ELEV SURVEY PIN PAVEMENT 5" ASPHALT 7" CONCRETE N/A CROWN OF UTILITY F.R. ALEMAN & ASSOCIATES SURVEY PIN LOCATED BY: SUB-PAVEMENT COVER (TOP) N/A JOB MEASUREMENT TYPE: U.S. FOOT 5.30 ELEV (TOP) NOTES: N/A EXCAVATED TO A DEPTH OF 5.30' FOUND A 12" TERRA COTTA, SAN. SEWER (JEA WATER & SEWER) CORRESPONDS TO LOCATION # 19, FIND THE TEST HOLE COVER (BOTTOM) REPRESENTATION IN THE SHEET NO. 5, OF BOULEVARD 6.30 FORCE MAIN AND WATER MAIN REPLACEMENT, PLAN AND ELEV (BOTTOM) PROFILE, PROVIDED BY THE CLIENT WIDTH FACING N/A +/- 12" E - SE STATION (±) N/A OFFSET: 3.00' LT W. 9TH ST. SIN E. B. L. PEDESTRIAN SIGN POST BOULEVARD ST. BOULEVARD ST. œ. ż SAN. MANHOLE 16.05 3.00 YELLOW CENTER LINE – E. O. P.



YELLOW LANES

& Associates, Inc.
CONSULTING ENGINEERS & SURVEYORS

VACUUM TEST HOLE REPORT

TEST HOLE NO .:

FRA JOB NO.: 2984

31

WORK ORDER NO .:

6196 LAKE GRAY BLVD., STE. 101, JACKSONVILLE, FL 32244 PROJECT NAME: SUE SERVICES FOR BOULEVARD ST. WATER MAIN & FORCE MAIN REPLACEMENT FROM 7TH ST. W. TO W. 11TH ST. FORM BY: HERNANDO ASSISTED BY: EDUARDO LOCATE REQUESTED BY: R.E. HOLLAND & ASSOCIATES FORM CHECKED BY: I. MARTI REQUESTED LOCATE: TEL. NO. HOLES: 1 DATE: 07/16/2019 TIME: _ LOCATED UTILITY: UTILITY OWNER: AT&T TEL. GALV. MATERIAL AS FOUND: PAVEMENT TYPE: ASPHALT OVER CONCRETE SIZE AS FOUND: 1 1/2" SIZE EXPECTED: UNK. PAVEMENT CONDITION: GOOD UTILITY CONDITION: GOOD SOIL CONDITIONS: SAND/WET ORANGE RIBBON INSTALLED: PROPOSED: WATER & SEWER IMPROVEMENTS INSTALLED: ELEV SURVEY PIN PAVEMENT N/A CROWN OF UTILITY 4" SURVEY PIN LOCATED BY: F.R. ALEMAN & ASSOCIATES SUB-PAVEMENT COVER (TOP) 3" CONCRETE JOB MEASUREMENT TYPE: U.S. FOOT 2.60 ELEV (TOP) NOTES: N/A EXCAVATED TO A DEPTH OF 2.60' FOUND A 1 1/2" GALV., TEL. (AT&T) CORRESPONDS TO LOCATION # 20, FIND THE TEST HOLE COVER (BOTTOM) REPRESENTATION IN THE SHEET NO. 5, OF BOULEVARD 2.72 FORCE MAIN AND WATER MAIN REPLACEMENT, PLAN AND ELEV (BOTTOM) PROFILE, PROVIDED BY THE CLIENT WIDTHFACINGN/A +/- 1 1/2" Ε STATION (±) N/A OFFSET: N/A BOULEVARD ST. BOULEVARD ST. ω. SIGNAL TRAFFIC 6.36, 16.91 POLE TRAFFIC



VACUUM TEST HOLE REPORT

TEST HOLE NO.: 15
FRA JOB NO.: 2984

FRA JOB NO.: __ WORK ORDER NO.:

31

SUE SERVICES FOR BOULEVARD ST. WATER MAIN & FORCE MAIN REPLACEMENT FROM 7TH ST. W. TO W. 11TH ST. PROJECT NAME: ASSISTED BY: EDUARDO FORM BY: **HERNANDO** LOCATE REQUESTED BY: R.E. HOLLAND & ASSOCIATES FORM CHECKED BY: I. MARTI **ELECTRIC** REQUESTED LOCATE: NO. HOLES: 1 DATE: 07/16/2019 TIME: UTILITY OWNER: JEA LOCATED UTILITY: **ELECTRIC & DUCT-SYSTEM PLASTIC** MATERIAL AS FOUND: PAVEMENT TYPE: **ASPHALT** SIZE AS FOUND: (4) 4" SIZE EXPECTED: UNK. PAVEMENT CONDITION: GOOD GOOD UTILITY CONDITION: SOIL CONDITIONS: SAND/WET RED RIBBON INSTALLED: PROPOSED: WATER & SEWER IMPROVEMENTS INSTALLED: PK ELEV SURVEY PIN PAVEMENT N/A EDGE OF UTILITY S F.R. ALEMAN & ASSOCIATES SURVEY PIN LOCATED BY: SUB-PAVEMENT COVER (TOP) N/A U.S. FOOT JOB MEASUREMENT TYPE: 2.29 ELEV (TOP) NOTES: N/A EXCAVATED TO A DEPTH OF 2.29' FOUND A (4) 4" PLASTIC ELEC. & DUCT-SYSTEM (JEA) CORRESPONDS TO LOCATION # 21, FIND THE TEST HOLE COVER (BOTTOM) REPRESENTATION IN THE SHEET NO. 5, OF BOULEVARD 4.29' FORCE MAIN AND WATER MAIN REPLACEMENT, PLAN AND ELEV (BOTTOM) PROFILE, PROVIDED BY THE CLIENT WIDTH **FACING** N/A +/- 24" Ε $STATION (\pm)$ N/A OFFSET: N/A BOULEVARD ST. BOULEVARD ST. œ. BOX COMUNICATION BOX ELECTRIC 2.20 12.11 WHITE LANE -



VACUUM TEST HOLE REPORT

TEST HOLE NO.: 16
FRA JOB NO.: 2984

WORK ORDER NO.:

31

PROJECT NAME: SUE SERVICES FOR BOULEVARD ST. WATER MAIN & FORCE MAIN REPLACEMENT FROM 7TH ST. W. TO W. 11TH ST. FORM BY: HERNANDO ASSISTED BY: EDUARDO LOCATE REQUESTED BY: R.E. HOLLAND & ASSOCIATES FORM CHECKED BY: I. MARTI REQUESTED LOCATE: WATER NO. HOLES: DATE: 07/16/2019 TIME: 1 LOCATED UTILITY: WATER UTILITY OWNER: JEA WATER & SEWER D/I MATERIAL AS FOUND: PAVEMENT TYPE: **ASPHALT** SIZE AS FOUND: 16" UNK. SIZE EXPECTED: PAVEMENT CONDITION: GOOD UTILITY CONDITION: GOOD SOIL CONDITIONS: SAND/WET RIBBON INSTALLED: **BLUE** PROPOSED: WATER & SEWER IMPROVEMENTS INSTALLED: PK ELEV SURVEY PIN **PAVEMENT** N/A 5" AT: CROWN OF UTILITY SURVEY PIN LOCATED BY: F.R. ALEMAN & ASSOCIATES SUB-PAVEMENT COVER (TOP) N/A U.S. FOOT JOB MEASUREMENT TYPE: 2.84 ELEV (TOP) NOTES: N/A EXCAVATED TO A DEPTH OF 2.84' FOUND A 16" D/I W. M. (JEA WATER & SEWER) CORRESPONDS TO LOCATION # 22, FIND THE TEST HOLE COVER (BOTTOM) REPRESENTATION IN THE SHEET NO. 5, OF BOULEVARD 4.17 FORCE MAIN AND WATER MAIN REPLACEMENT, PLAN AND ELEV (BOTTOM) PROFILE, PROVIDED BY THE CLIENT WIDTH **FACING** N/A +/- 16' Ε STATION (±) N/A OFFSET: 4.83 LT ST BOULEVARD ST. BOULEVARD BOX COMUNICATION E. O. P. 2.90 4.83 SIDEWALK WHITE LANE -



VACUUM TEST HOLE REPORT

TEST HOLE NO.: 16-A
FRA JOB NO.: 2984

31

WORK ORDER NO.:

PROJECT NAME: SUE SERVICES FOR BOULEVARD ST. WATER MAIN & FORCE MAIN REPLACEMENT FROM 7TH ST. W. TO W. 11TH ST. FORM BY: HERNANDO ASSISTED BY: EDUARDO LOCATE REQUESTED BY: R.E. HOLLAND & ASSOCIATES FORM CHECKED BY: I. MARTI REQUESTED LOCATE: FOC DATE: 07/16/2019 NO. HOLES: 1 TIME: LOCATED UTILITY: FOC UTILITY OWNER: AT&T **PLASTIC** MATERIAL AS FOUND: PAVEMENT TYPE: **ASPHALT** SIZE AS FOUND: 4" SIZE EXPECTED: UNK. PAVEMENT CONDITION: GOOD UTILITY CONDITION: GOOD SOIL CONDITIONS: SAND/WET RIBBON INSTALLED: ORANGE PROPOSED: WATER & SEWER IMPROVEMENTS INSTALLED: PK ELEV SURVEY PIN PAVEMENT N/A 5" AT: CROWN OF UTILITY F.R. ALEMAN & ASSOCIATES SURVEY PIN LOCATED BY: SUB-PAVEMENT COVER (TOP) N/A JOB MEASUREMENT TYPE: U.S. FOOT 3.20 ELEV (TOP) NOTES: N/A EXCAVATED TO A DEPTH OF 3.20' FOUND A 4" PLASTIC FOC CORRESPONDS TO LOCATION # 22, FIND THE TEST HOLE COVER (BOTTOM) REPRESENTATION IN THE SHEET NO. 5, OF BOULEVARD 3.53 FORCE MAIN AND WATER MAIN REPLACEMENT, PLAN AND ELEV (BOTTOM) PROFILE, PROVIDED BY THE CLIENT WIDTH **FACING** N/A +/- 4" Е STATION (±) N/A OFFSET: 4.82' LT BOULEVARD ST. BOULEVARD BOX COMUNICATION - E. O. P. 2.87 4.82 WHITE LANE -



VACUUM TEST HOLE REPORT

TEST HOLE NO.:

FRA JOB NO.: 2984

17

WORK ORDER NO.: 31

PROJECT NAME: SUE SERVICES FOR BOULEVARD ST. WATER MAIN & FORCE MAIN REPLACEMENT FROM 7TH ST. W. TO W. 11TH ST. FORM BY: HERNANDO ASSISTED BY: EDUARDO LOCATE REQUESTED BY: R.E. HOLLAND & ASSOCIATES FORM CHECKED BY: I. MARTI REQUESTED LOCATE: WATER NO. HOLES: 1 DATE: 07/16/2019 TIME: LOCATED UTILITY: WATER UTILITY OWNER: JEA WATER & SEWER MATERIAL AS FOUND: PAVEMENT TYPE: **ASPHALT** UNK. SIZE AS FOUND: 8" SIZE EXPECTED: PAVEMENT CONDITION: GOOD UTILITY CONDITION: GOOD SOIL CONDITIONS: SAND/WET RIBBON INSTALLED: **BLUE** PROPOSED: WATER & SEWER IMPROVEMENTS INSTALLED: PK ELEV SURVEY PIN PAVEMENT N/A CROWN OF UTILITY AT: SURVEY PIN LOCATED BY: F.R. ALEMAN & ASSOCIATES SUB-PAVEMENT COVER (TOP) N/A U.S. FOOT JOB MEASUREMENT TYPE: 2.80 ELEV (TOP) NOTES: N/A EXCAVATED TO A DEPTH OF 2.80' FOUND A 8" C/I W. M. (JEA WATER & SEWER) CORRESPONDS TO LOCATION # 23, FIND THE TEST HOLE COVER (BOTTOM) REPRESENTATION IN THE SHEET NO. 5, OF BOULEVARD 3.47 FORCE MAIN AND WATER MAIN REPLACEMENT, PLAN AND ELEV (BOTTOM) PROFILE, PROVIDED BY THE CLIENT WIDTH FACING N/A +/- 8" Ε STATION (±) N/A OFFSET: 4.77 LT BOULEVARD ST. BOULEVARD ST. m BOX COMUNICATION ż E. O. P. 2.93 4.77 WHITE LANE -



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VACUUM TEST HOLE REPORT

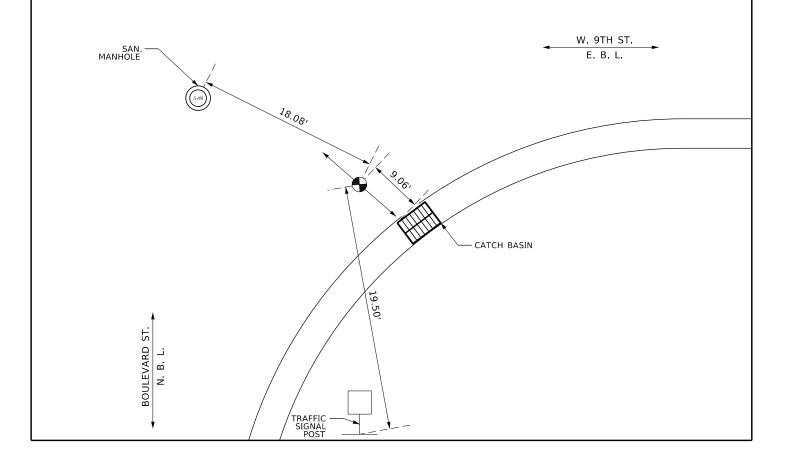
TEST HOLE NO.: 18

FRA JOB NO.: 2984

WORK ORDER NO.: 31

SUE SERVICES FOR BOULEVARD ST. WATER MAIN & FORCE MAIN REPLACEMENT FROM 7TH ST. W. TO W. 11TH ST. PROJECT NAME: FORM BY: **JERALD** ASSISTED BY: OMAR & AARON LOCATE REQUESTED BY: R.E. HOLLAND & ASSOCIATES FORM CHECKED BY: I. MARTI REQUESTED LOCATE: **STORM** DATE: 07/16/2019 TIME: NO. HOLES: STORM UTILITY OWNER: JEA WATER & SEWER LOCATED UTILITY: MATERIAL AS FOUND: C/I PAVEMENT TYPE: ASPHALT OVER CONCRETE 18" SIZE AS FOUND: 18" SIZE EXPECTED: PAVEMENT CONDITION: GOOD UTILITY CONDITION: GOOD SOIL CONDITIONS: HARD RIBBON INSTALLED: GREEN PROPOSED: WATER & SEWER IMPROVEMENTS INSTALLED: PK ELEV SURVEY PIN PAVEMENT N/A 5" ASPHALT 6" CONCRETE AT: CROWN OF UTILITY F.R. ALEMAN & ASSOCIATES SURVEY PIN LOCATED BY: SUB-PAVEMENT COVER (TOP) N/A JOB MEASUREMENT TYPE: U.S. FOOT 2.10 ELEV (TOP) NOTES: N/A EXCAVATED TO A DEPTH OF 2.10' FOUND A 18" C/I STORM SEWER (JEA WATER & SEWER) CORRESPONDS TO LOCATION # 24, FIND THE TEST HOLE COVER (BOTTOM) REPRESENTATION IN THE SHEET NO. 5, OF BOULEVARD 3.60 FORCE MAIN AND WATER MAIN REPLACEMENT, PLAN AND ELEV (BOTTOM) PROFILE, PROVIDED BY THE CLIENT WIDTH FACING N/A +/- 18" NW OFFSET: STATION (\pm) N/A N/A





VACUUM TEST HOLE REPORT

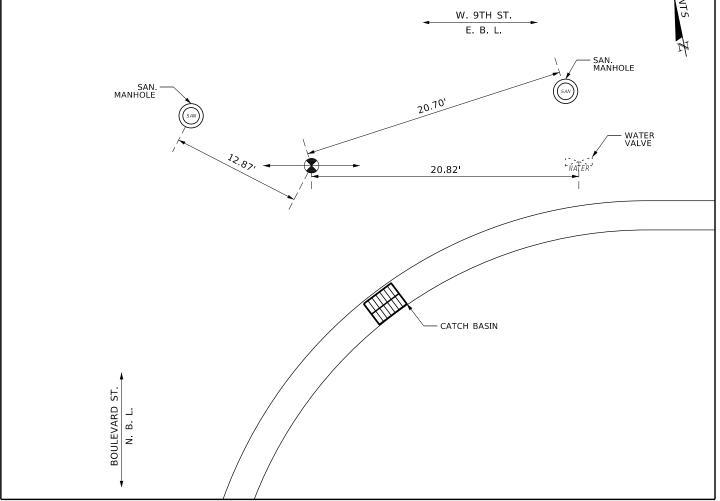
TEST HOLE NO.:

2984 FRA JOB NO.:

19

WORK ORDER NO .: 31

PROJECT NAME: SUE SERVICES FOR BOULEVARD ST. WATER MAIN & FORCE MAIN REPLACEMENT FROM 7TH ST. W. TO W. 11TH ST.	FORM BY: JERALD ASSISTED BY: OMAR & AARON		
LOCATE REQUESTED BY: R.E. HOLLAND & ASSOCIATES	FORM CHECKED BY: I. MARTI		
REQUESTED LOCATE: WATER	NO. HOLES: 1 DATE: 07/16/2019 TIME: -		
LOCATED UTILITY: WATER	UTILITY OWNER: JEA WATER & SEWER		
MATERIAL AS FOUND: C/I	PAVEMENT TYPE: ASPHALT OVER CONCRETE		
SIZE AS FOUND: 10" SIZE EXPECTED: 10"	PAVEMENT CONDITION: GOOD		
UTILITY CONDITION: GOOD	SOIL CONDITIONS: HARD		
RIBBON INSTALLED: BLUE	PROPOSED: WATER & SEWER IMPROVEMENTS		
ELEV SURVEY PIN N/A PAVEMENT 5" ASPHALT 6" CONCRETE	INSTALLED: PK AT: CROWN OF UTILITY		
COVER (TOP) 3.49' ELEV (TOP)	SURVEY PIN LOCATED BY: F.R. ALEMAN & ASSOCIATES JOB MEASUREMENT TYPE: U.S. FOOT		
N/A	NOTES: EXCAVATED TO A DEPTH OF 3.49' FOUND A 10" C/I W. M. (JEA WATER & SEWER)		
COVER (BOTTOM) 4.32' ELEV (BOTTOM) N/A WIDTH FACING	CORRESPONDS TO LOCATION # 26, FIND THE TEST HOLE REPRESENTATION IN THE SHEET NO. 5, OF BOULEVARD FORCE MAIN AND WATER MAIN REPLACEMENT, PLAN AND PROFILE, PROVIDED BY THE CLIENT		
H/- 10"	STATION (±) N/A OFFSET: N/A		
	13		





VACUUM TEST HOLE REPORT

TEST HOLE NO .: 20 FRA JOB NO.: 2984

WORK ORDER NO .:

WATER VALVE

WATER

31

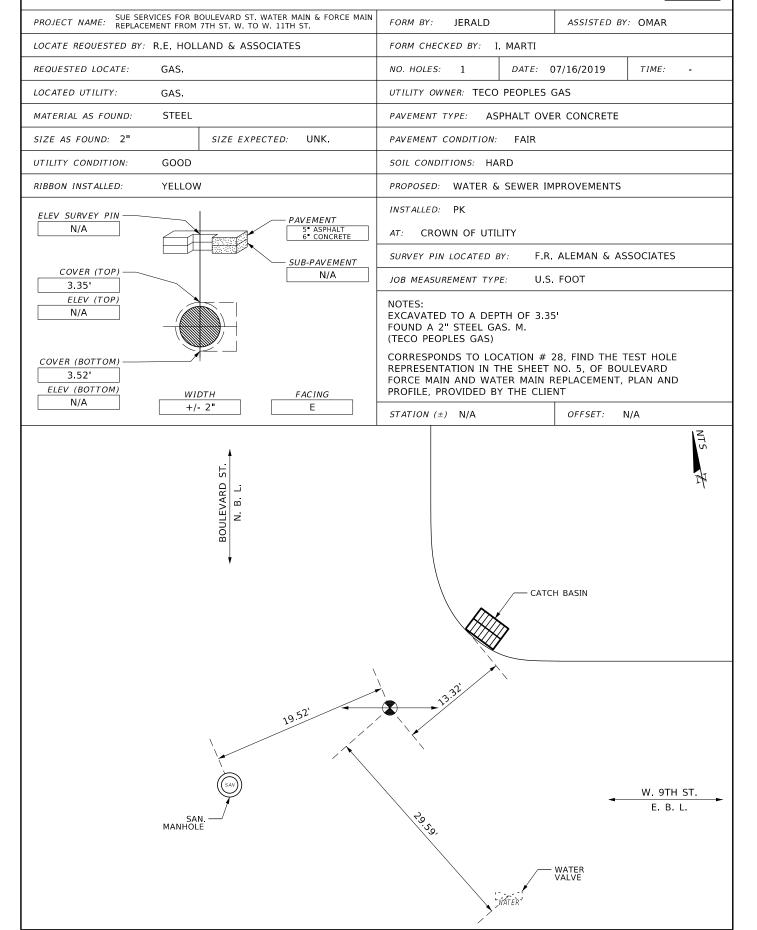
PROJECT NAME: SUE SERVICES FOR BOULEVARD ST. WATER MAIN & FORCE MAIN REPLACEMENT FROM 7TH ST. W. TO W. 11TH ST. FORM BY: IFRALD ASSISTED BY: OMAR LOCATE REQUESTED BY: R.E. HOLLAND & ASSOCIATES FORM CHECKED BY: I. MARTI SAN. DATE: 07/16/2019 TIME: REQUESTED LOCATE: NO. HOLES: 1 LOCATED UTILITY: UTILITY OWNER: JEA WATER & SEWER SAN. C/I MATERIAL AS FOUND: ASPHALT OVER CONCRETE PAVEMENT TYPE: SIZE AS FOUND: 6" SIZE EXPECTED: UNK. PAVEMENT CONDITION: FAIR UTILITY CONDITION: GOOD SOIL CONDITIONS: HARD RIBBON INSTALLED: PROPOSED: WATER & SEWER IMPROVEMENTS **GREEN** INSTALLED: PK ELEV SURVEY PIN PAVFMFNT N/A 5" ASPHALT 7" CONCRETE AT: CROWN F.R. ALEMAN & ASSOCIATES SURVEY PIN LOCATED BY: SUB-PAVEMENT COVER (TOP) N/A JOB MEASUREMENT TYPE: U.S. FOOT 5.30 ELEV (TOP) NOTES: N/A EXCAVATED TO A DEPTH OF 5.30' FOUND A 6" C/I SAN, SEWER (JEA WATER & SEWER) CORRESPONDS TO LOCATION # 27, FIND THE TEST HOLE COVER (BOTTOM) REPRESENTATION IN THE SHEET NO. 5, OF BOULEVARD 5.80 FORCE MAIN AND WATER MAIN REPLACEMENT, PLAN AND ELEV (BOTTOM) PROFILE, PROVIDED BY THE CLIENT WIDTH FACING N/A +/- 6" NΕ OFFSET: STATION (\pm) N/A N/A NT S BOULEVARD ST. В z CATCH BASIN W. 9TH ST. E B L SAN. MANHOLE



VACUUM TEST HOLE REPORT

TEST HOLE NO .: 21 FRA JOB NO.: 2984

WORK ORDER NO .: 31





VACUUM TEST HOLE REPORT

TEST HOLE NO .:

FRA JOB NO.: 2984

WORK ORDER NO .:

31

PROJECT NAME: SUE SERVICES FOR BOULEVARD ST. WATER MAIN & FORCE MAIN REPLACEMENT FROM 7TH ST. W. TO W. 11TH ST.	FORM BY: JERALD ASSISTED BY: OMAR
LOCATE REQUESTED BY: R.E. HOLLAND & ASSOCIATES	FORM CHECKED BY: I. MARTI
REQUESTED LOCATE: STORM	NO. HOLES: 1 DATE: 07/16/2019 TIME: -
LOCATED UTILITY: STORM	UTILITY OWNER: JEA WATER & SEWER
MATERIAL AS FOUND: C/I	PAVEMENT TYPE: ASPHALT OVER CONCRETE
SIZE AS FOUND: 15" SIZE EXPECTED: 15"	PAVEMENT CONDITION: FAIR
UTILITY CONDITION: GOOD	SOIL CONDITIONS: HARD
RIBBON INSTALLED: GREEN	PROPOSED: WATER & SEWER IMPROVEMENTS
COVER (TOP) N/A COVER (BOTTOM) 3.85' ELEV (BOTTOM) WIDTH PAVEMENT 5° ASPHALT 7° CONCRETE SUB-PAVEMENT N/A FACING	INSTALLED: PK AT: CROWN OF UTILITY SURVEY PIN LOCATED BY: F.R. ALEMAN & ASSOCIATES JOB MEASUREMENT TYPE: U.S. FOOT NOTES: EXCAVATED TO A DEPTH OF 2.60' FOUND A 15" C/I STORM SEWER. (JEA WATER & SEWER) CORRESPONDS TO LOCATION # 25, FIND THE TEST HOLE REPRESENTATION IN THE SHEET NO. 5, OF BOULEVARD FORCE MAIN AND WATER MAIN REPLACEMENT, PLAN AND PROFILE, PROVIDED BY THE CLIENT
N/A +/- 15" SW-W	STATION (±) N/A OFFSET: N/A
BOULEVARD ST. N. B. L.	CATCH BASIN
SAN. MANHOLE	W. 9TH ST. E. B. L. WATER VALVE



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VACUUM TEST HOLE REPORT

TEST HOLE NO.: 23
FRA JOB NO.: 2984

WORK ORDER NO .:

31

SUE SERVICES FOR BOULEVARD ST. WATER MAIN & FORCE MAIN REPLACEMENT FROM 7TH ST. W. TO W. 11TH ST. ASSISTED BY: EDUARDO PROJECT NAME: FORM BY: **HERNANDO** LOCATE REQUESTED BY: R.E. HOLLAND & ASSOCIATES FORM CHECKED BY: I. MARTI REQUESTED LOCATE: TEL. NO. HOLES: 1 DATE: 07/16/2019 TIME: LOCATED UTILITY: TEL. UTILITY OWNER: AT&T **PLASTIC ASPHALT** MATERIAL AS FOUND: PAVEMENT TYPE: SIZE AS FOUND: (2) 4" SIZE EXPECTED: UNK. PAVEMENT CONDITION: GOOD UTILITY CONDITION: GOOD SOIL CONDITIONS: WET/SAND RIBBON INSTALLED: ORANGE PROPOSED: WATER & SEWER IMPROVEMENTS INSTALLED: PK ELEV SURVEY PIN PAVEMENT N/A CROWN OF UTILITY SURVEY PIN LOCATED BY: F.R. ALEMAN & ASSOCIATES SUB-PAVEMENT COVER (TOP) N/A U.S. FOOT JOB MEASUREMENT TYPE: 2.01 ELEV (TOP) NOTES: N/A EXCAVATED TO A DEPTH OF 2.01' FOUND A (2) 4" PLASTIC TEL. LINE (AT&T) CORRESPONDS TO LOCATION # 29, FIND THE TEST HOLE COVER (BOTTOM) REPRESENTATION IN THE SHEET NO. 6, OF BOULEVARD 3.01 FORCE MAIN AND WATER MAIN REPLACEMENT, PLAN AND ELEV (BOTTOM) PROFILE, PROVIDED BY THE CLIENT WIDTH **FACING** N/A +/- 8" Ε STATION (±) N/A OFFSET: 6 18' LT BOULEVARD ST ST BOULEVARD ω. z — Е. О. Р. 13.11 6.18 YELLOW LANES -SIGNAL TRAFFIC



VACUUM TEST HOLE REPORT

TEST HOLE NO .: 24

2984 FRA JOB NO.: 31

WORK ORDER NO .:

SUE SERVICES FOR BOULEVARD ST. WATER MAIN & FORCE MAIN REPLACEMENT FROM 7TH ST. W. TO W. 11TH ST. PROJECT NAME: FORM BY: **HERNANDO** ASSISTED BY: EDUARDO LOCATE REQUESTED BY: R.E. HOLLAND & ASSOCIATES FORM CHECKED BY: I. MARTI REQUESTED LOCATE: FOC NO. HOLES: 1 DATE: 07/16/2019 TIME: LOCATED UTILITY: FOC UTILITY OWNER: AT&T ROUGH POUR MATERIAL AS FOUND: PAVEMENT TYPE: **ASPHALT** SIZE AS FOUND: 24" X 36" SIZE EXPECTED: UNK. PAVEMENT CONDITION: GOOD UTILITY CONDITION: GOOD SOIL CONDITIONS: WET/SAND ORANGE RIBBON INSTALLED: PROPOSED: WATER & SEWER IMPROVEMENTS INSTALLED: PK ELEV SURVEY PIN PAVEMENT N/A 3" CROWN OF UTILITY F.R. ALEMAN & ASSOCIATES SURVEY PIN LOCATED BY: SUB-PAVEMENT COVER (TOP) N/A U.S. FOOT JOB MEASUREMENT TYPE: 0.30 ELEV (TOP) NOTES: N/A EXCAVATED TO A DEPTH OF 0.30' FOUND A 24" X 36" ROUGH POUR FOC LINE (AT&T) CORRESPONDS TO LOCATION # 30, FIND THE TEST HOLE COVER (BOTTOM) REPRESENTATION IN THE SHEET NO. 6, OF BOULEVARD 3.30' FORCE MAIN AND WATER MAIN REPLACEMENT, PLAN AND PROFILE, PROVIDED BY THE CLIENT ELEV (BOTTOM) WIDTH FACING N/A +/- 24" Ε STATION (±) N/A OFFSET:6.27' LT BOULEVARD ST. ST BOULEVARD ż – E. O. P. 13.00 6.27 YELLOW LANES -SIGNAL TRAFFIC



VACUUM TEST HOLE REPORT

TEST HOLE NO.: 25

FRA JOB NO.: 2984

WORK ORDER NO.:

PROJECT NAME: SUE SERVICES FOR BOULEVARD ST. W. REPLACEMENT FROM 7TH ST. W. TO W		FORM BY:	HERNAND	00	ASSISTED BY	: EDUARDO	
LOCATE REQUESTED BY: R.E. HOLLAND & ASSOC	CIATES	FORM CHECKED BY: I. MARTI					
REQUESTED LOCATE: WATER		NO. HOLES:	1	DATE: 0	7/17/2019	TIME:	-
LOCATED UTILITY: WATER		UTILITY OWN	ER: JEA W	VATER & SE	EWER		
MATERIAL AS FOUND: C/I		PAVEMENT TY	<i>PE:</i> AS	PHALT OVE	R CONCRETE		
SIZE AS FOUND: 10" SIZE EXPEC	TED: UNK.	PAVEMENT CO	ONDITION:	GOOD			
UTILITY CONDITION: GOOD		SOIL CONDITI	ions: MO	IST/SAND			
RIBBON INSTALLED: BLUE		PROPOSED:	WATER &	SEWER IM	PROVEMENTS		
ELEV SURVEY PIN N/A COVER (TOP) 2.92' ELEV (TOP) N/A		PROPOSED: WATER & SEWER IMPROVEMENTS INSTALLED: PK AT: CROWN OF UTILITY SURVEY PIN LOCATED BY: F.R. ALEMAN & ASSOCIATES JOB MEASUREMENT TYPE: U.S. FOOT NOTES: EXCAVATED TO A DEPTH OF 2.92'					
COVER (BOTTOM) 3.73' ELEV (BOTTOM) N/A +/- 10"	FACING S	REPRESENTA:	& SEWER OS TO LOG TION IN T AND WAT OVIDED BY) CATION # 3 HE SHEET FER MAIN R		JLEVARD	
	BOULEVARD ST. S. B. L.			E.	B. L.		NTS Z
E. O. P. WATE VALVE	11.37' R WATER WATER	8.08'		YELL	OW LANES		



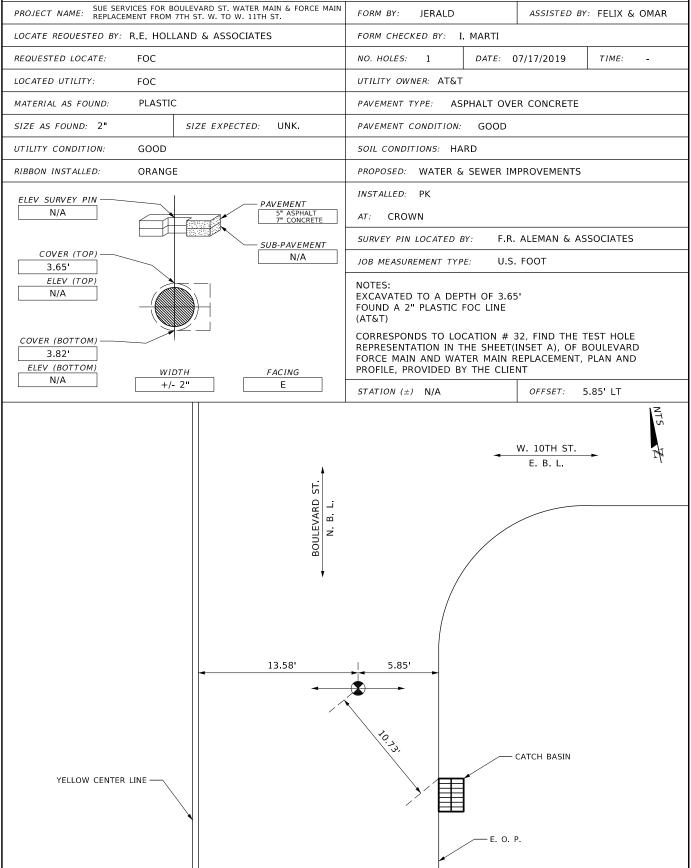
VACUUM TEST HOLE REPORT

TEST HOLE NO.:

FRA JOB NO.: 2984

26

WORK ORDER NO.: 31





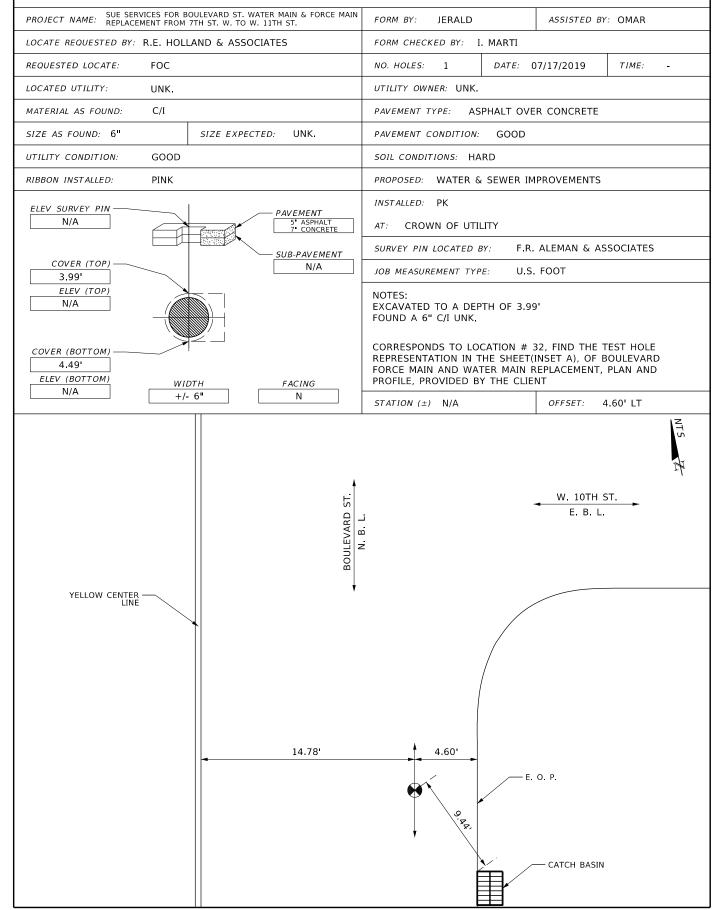
VACUUM TEST HOLE REPORT

 TEST HOLE NO.:
 26-A

 FRA JOB NO.:
 2984

FRA JOB NO.: 2984

WORK ORDER NO.: 31





VACUUM TEST HOLE REPORT

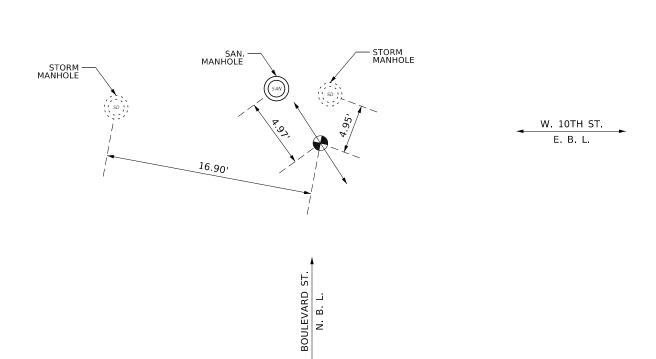
TEST HOLE NO.: 27

FRA JOB NO.: 2984

WORK ORDER NO.: 31

PROJECT NAME: SUE SERVICES FOR BOULEVARD ST. WATER MAIN & FORCE MAIN REPLACEMENT FROM 7TH ST. W. TO W. 11TH ST.	FORM BY: HERNANDO ASSISTED BY: EDUARDO			
LOCATE REQUESTED BY: R.E. HOLLAND & ASSOCIATES	FORM CHECKED BY: I. MARTI			
REQUESTED LOCATE: SAN.	NO. HOLES: 1 DATE: 07/17/2019 TIME: -			
LOCATED UTILITY: SAN.	UTILITY OWNER: JEA WATER & SEWER			
MATERIAL AS FOUND: PLASTIC	PAVEMENT TYPE: ASPHALT OVER CONCRETE			
SIZE AS FOUND: 6" SIZE EXPECTED: UNK,	PAVEMENT CONDITION: GOOD			
UTILITY CONDITION: GOOD	SOIL CONDITIONS: WET/SAND			
RIBBON INSTALLED: GREEN	PROPOSED: WATER & SEWER IMPROVEMENTS			
ELEV SURVEY PIN N/A 8" SUB-PAVEMENT	INSTALLED: PK AT: CROWN OF UTILITY SURVEY PIN LOCATED BY: F.R. ALEMAN & ASSOCIATES			
COVER (TOP) 6" CONC.	JOB MEASUREMENT TYPE: U.S. FOOT			
ELEV (TOP) N/A	NOTES: EXCAVATED TO A DEPTH OF 7.21' FOUND A 6" PLASTIC SAN. SEWER (JEA WATER & SEWER)			
COVER (BOTTOM) 7.71' ELEV (BOTTOM) WIDTH FACING	CORRESPONDS TO LOCATION # 33, FIND THE TEST HOLE REPRESENTATION IN THE SHEET (INSET A), OF BOULEVARD FORCE MAIN AND WATER MAIN REPLACEMENT, PLAN AND PROFILE, PROVIDED BY THE CLIENT			
N/A +/- 6" NW	STATION (±) N/A OFFSET: N/A			





FRALEMAN

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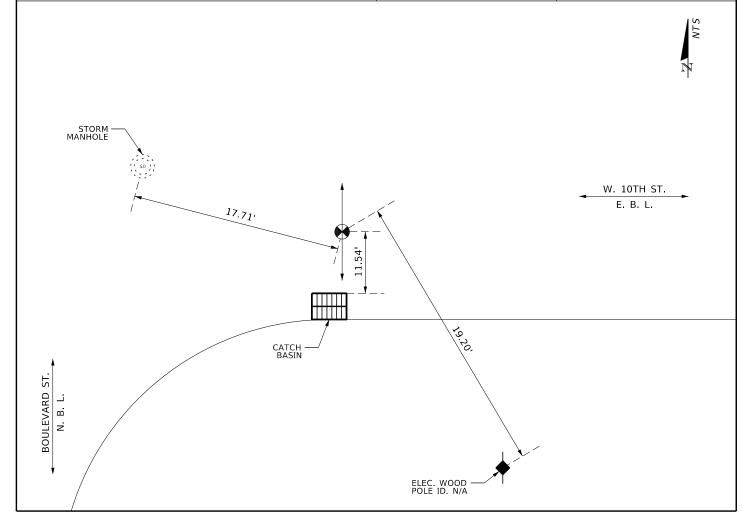
VACUUM TEST HOLE REPORT

TEST HOLE NO.: 28

FRA JOB NO.: 2984

WORK ORDER NO.: 31

SUE SERVICES FOR BOULEVARD ST. WATER MAIN & FORCE MAIN REPLACEMENT FROM 7TH ST. W. TO W. 11TH ST. PROJECT NAME: FORM BY: **HERNANDO** ASSISTED BY: EDUARDO LOCATE REQUESTED BY: R.E. HOLLAND & ASSOCIATES FORM CHECKED BY: I. MARTI REQUESTED LOCATE: FOC NO. HOLES: 1 DATE: 07/17/2019 TIME: LOCATED UTILITY: FOC UTILITY OWNER: AT&T **PLASTIC** MATERIAL AS FOUND: PAVEMENT TYPE: ASPHALT OVER CONCRETE SIZE AS FOUND: 2" SIZE EXPECTED: UNK. PAVEMENT CONDITION: GOOD UTILITY CONDITION: GOOD SOIL CONDITIONS: MOIST/SAND RIBBON INSTALLED: **ORANGE** PROPOSED: WATER & SEWER IMPROVEMENTS INSTALLED: PK ELEV SURVEY PIN PAVEMENT N/A CROWN OF UTILITY 6" F.R. ALEMAN & ASSOCIATES SURVEY PIN LOCATED BY: SUB-PAVEMENT COVER (TOP) 6" CONC. U.S. FOOT JOB MEASUREMENT TYPE: 9.30 ELEV (TOP) NOTES: N/A EXCAVATED TO A DEPTH OF 9.30' FOUND A 2" PLASTIC FOC LINE CORRESPONDS TO LOCATION # 34, FIND THE TEST HOLE COVER (BOTTOM) REPRESENTATION IN THE SHEET (INSET A), OF BOULEVARD 9.46 FORCE MAIN AND WATER MAIN REPLACEMENT, PLAN AND ELEV (BOTTOM) PROFILE, PROVIDED BY THE CLIENT WIDTH FACING N/A +/- 2" Ν STATION (±) N/A OFFSET: N/A





CONSULTING ENGINEERS & SURVEYORS 6196 LAKE GRAY BLVD., STE. 101, JACKSONVILLE, FL 32244 VACUUM TEST HOLE REPORT

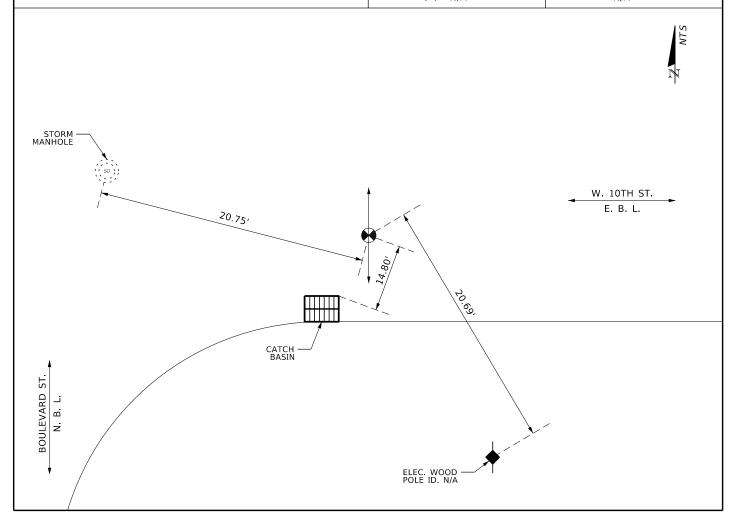
TEST HOLE NO .:

29 2984

FRA JOB NO .: WORK ORDER NO .:

31

SUE SERVICES FOR BOULEVARD ST. WATER MAIN & FORCE MAIN REPLACEMENT FROM 7TH ST. W. TO W. 11TH ST. FORM BY: HERNANDO ASSISTED BY: EDUARDO LOCATE REQUESTED BY: R.E. HOLLAND & ASSOCIATES FORM CHECKED BY: I. MARTI REQUESTED LOCATE: TEL FOC NO. HOLES: 1 DATE: 07/17/2019 TIME: LOCATED UTILITY: TEL FOC UTILITY OWNER: AT&T **PLASTIC** ASPHALT OVER CONCRETE MATERIAL AS FOUND: PAVEMENT TYPE: SIZE AS FOUND: 2" SIZE EXPECTED: UNK. PAVEMENT CONDITION: GOOD GOOD UTILITY CONDITION: SOIL CONDITIONS: WET/SAND RIBBON INSTALLED: **ORANGE** PROPOSED: WATER & SEWER IMPROVEMENTS INSTALLED: PK ELEV SURVEY PIN PAVEMENT N/A CROWN OF UTILITY 6" SURVEY PIN LOCATED BY: F.R. ALEMAN & ASSOCIATES SUB-PAVEMENT COVER (TOP) 6" CONC. U.S. FOOT JOB MEASUREMENT TYPE: 2.63 ELEV (TOP) NOTES: N/A EXCAVATED TO A DEPTH OF 2.63' FOUND A 2" PLASTIC TEL. -FOC- LINE (AT&T) CORRESPONDS TO LOCATION # 35, FIND THE TEST HOLE COVER (BOTTOM) REPRESENTATION IN THE SHEET (INSET A), OF BOULEVARD 2.79 FORCE MAIN AND WATER MAIN REPLACEMENT, PLAN AND ELEV (BOTTOM) PROFILE, PROVIDED BY THE CLIENT WIDTH FACING N/A +/- 2" Ν STATION (±) N/A OFFSET: N/A





BOULEVARD N. B. L.

VACUUM TEST HOLE REPORT

TEST HOLE NO.:

FRA JOB NO.: 2984

30

WORK ORDER NO.: 31

SUE SERVICES FOR BOULEVARD ST. WATER MAIN & FORCE MAIN REPLACEMENT FROM 7TH ST. W. TO W. 11TH ST. PROJECT NAME: FORM BY: **HERNANDO** ASSISTED BY: EDUARDO LOCATE REQUESTED BY: R.E. HOLLAND & ASSOCIATES FORM CHECKED BY: I. MARTI REQUESTED LOCATE: WATER NO. HOLES: 1 DATE: 07/17/2019 TIME: UTILITY OWNER: JEA WATER & SEWER LOCATED UTILITY: WATER MATERIAL AS FOUND: PAVEMENT TYPE: ASPHALT OVER CONCRETE SIZE AS FOUND: 8" SIZE EXPECTED: UNK. PAVEMENT CONDITION: GOOD UTILITY CONDITION: GOOD SOIL CONDITIONS: MOIST/SAND RIBBON INSTALLED: **BLUE** PROPOSED: WATER & SEWER IMPROVEMENTS INSTALLED: PK ELEV SURVEY PIN PAVEMENT N/A CROWN OF UTILITY 6" AT: F.R. ALEMAN & ASSOCIATES SURVEY PIN LOCATED BY: SUB-PAVEMENT COVER (TOP) 6" CONC. JOB MEASUREMENT TYPE: U.S. FOOT 3.40 ELEV (TOP) NOTES: N/A EXCAVATED TO A DEPTH OF 3.40' FOUND A 8" C/I W. M. (JEA WATER & SEWER) CORRESPONDS TO LOCATION # 36, FIND THE TEST HOLE COVER (BOTTOM) REPRESENTATION IN THE SHEET (INSET A), OF BOULEVARD 4.07 FORCE MAIN AND WATER MAIN REPLACEMENT, PLAN AND ELEV (BOTTOM) PROFILE, PROVIDED BY THE CLIENT WIDTH FACING N/A +/- 8" W STATION (±) N/A OFFSET: 5.15' RT STOP 7 – E. O. P. 15 W. 10TH ST. W. B. L.



VACUUM TEST HOLE REPORT

TEST HOLE NO.:

FRA JOB NO.: 2984

31

WORK ORDER NO.: 31

SUE SERVICES FOR BOULEVARD ST. WATER MAIN & FORCE MAIN REPLACEMENT FROM 7TH ST. W. TO W. 11TH ST. ASSISTED BY: EDUARDO PROJECT NAME: FORM BY: HERNANDO LOCATE REQUESTED BY: R.E. HOLLAND & ASSOCIATES FORM CHECKED BY: I. MARTI REQUESTED LOCATE: DATE: 07/17/2019 TIME: SAN. NO. HOLES: 1 LOCATED UTILITY: SAN. UTILITY OWNER: JEA WATER & SEWER MATERIAL AS FOUND: **STEEL** PAVEMENT TYPE: ASPHALT OVER CONCRETE UNK. SIZE AS FOUND: 6" SIZE EXPECTED: GOOD PAVEMENT CONDITION: UTILITY CONDITION: GOOD SOIL CONDITIONS: WET/SAND RIBBON INSTALLED: **GREEN** PROPOSED: WATER & SEWER IMPROVEMENTS INSTALLED: PK ELEV SURVEY PIN PAVEMENT N/A CROWN OF UTILITY 6" F.R. ALEMAN & ASSOCIATES SURVEY PIN LOCATED BY: SUB-PAVEMENT COVER (TOP) 6" CONC. U.S. FOOT JOB MEASUREMENT TYPE: 4.01 ELEV (TOP) NOTES: N/A EXCAVATED TO A DEPTH OF 4.01' FOUND A 6" STEEL SAN. SEWER (JEA WATER & SEWER) CORRESPONDS TO LOCATION # 37, FIND THE TEST HOLE REPRESENTATION IN THE SHEET (INSET A), OF BOULEVARD COVER (BOTTOM) 4.51 FORCE MAIN AND WATER MAIN REPLACEMENT, PLAN AND ELEV (BOTTOM) PROFILE, PROVIDED BY THE CLIENT WIDTH FACING N/A +/- 6" NΕ OFFSET: STATION (\pm) N/A N/A BOULEVARD ST. œ. F. OF S/W ż 10.37 W 10TH ST W. B. L. STORM MANHOLE



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VACUUM TEST HOLE REPORT

TEST HOLE NO.: _

FRA JOB NO.: 2984

32

WORK ORDER NO.: 31

SUE SERVICES FOR BOULEVARD ST. WATER MAIN & FORCE MAIN REPLACEMENT FROM 7TH ST. W. TO W. 11TH ST. FORM BY: HERNANDO ASSISTED BY: EDUARDO LOCATE REQUESTED BY: R.E. HOLLAND & ASSOCIATES FORM CHECKED BY: I. MARTI REQUESTED LOCATE: TEL FOC NO. HOLES: 1 DATE: 07/17/2019 TIME: LOCATED UTILITY: TEL FOC UTILITY OWNER: AT&T MATERIAL AS FOUND: ACP ASPHALT OVER CONCRETE PAVEMENT TYPE: SIZE AS FOUND: 4" SIZE EXPECTED: UNK. PAVEMENT CONDITION: GOOD UTILITY CONDITION: GOOD SOIL CONDITIONS: WET/SAND RIBBON INSTALLED: **ORANGE** PROPOSED: WATER & SEWER IMPROVEMENTS INSTALLED: PK ELEV SURVEY PIN PAVEMENT N/A 6" CROWN OF UTILITY AT: SURVEY PIN LOCATED BY: F.R. ALEMAN & ASSOCIATES SUB-PAVEMENT COVER (TOP) 6" BRICKS U.S. FOOT JOB MEASUREMENT TYPE: 2.04 ELEV (TOP) NOTES: N/A EXCAVATED TO A DEPTH OF 2.04' FOUND A 4" ACP TEL. FOC LINE (AT&T) CORRESPONDS TO LOCATION # 38, FIND THE TEST HOLE COVER (BOTTOM) REPRESENTATION IN THE SHEET (INSET A), OF BOULEVARD 2.38 FORCE MAIN AND WATER MAIN REPLACEMENT, PLAN AND ELEV (BOTTOM) PROFILE, PROVIDED BY THE CLIENT WIDTH FACING N/A +/- 4" Ε STATION (±) N/A OFFSET: 2.64 LT NTS ST S BOULEVARD BOULEVARD YELLOW LANES œ. ż - E. O. P. 11.85 2.64 SIDEWALK - F. OF S/W W. 10TH ST.



VACUUM TEST HOLE REPORT

TEST HOLE NO.:

33 FRA JOB NO.: 2984

WORK ORDER NO .:

PROJECT NAME: SUE SERVICES FOR E REPLACEMENT FROM	BOULEVARD ST. WATER MAIN & FORCE MAIN 7TH ST. W. TO W. 11TH ST.	FORM BY: HERNANDO	ASSISTED BY: EDUARDO	
LOCATE REQUESTED BY: R.E. HOL	LAND & ASSOCIATES	FORM CHECKED BY: I. MARTI		
REQUESTED LOCATE: TEL FO	С	NO. HOLES: 1 DATE:	07/17/2019 TIME: -	
LOCATED UTILITY: TEL FO	C	UTILITY OWNER: AT&T		
MATERIAL AS FOUND: RCP		PAVEMENT TYPE: ASPHALT OV	ER CONCRETE	
SIZE AS FOUND: 4"	SIZE EXPECTED: UNK.	PAVEMENT CONDITION: GOOD		
UTILITY CONDITION: GOOD		SOIL CONDITIONS: WET/SAND		
RIBBON INSTALLED: ORANG	E	PROPOSED: WATER & SEWER II	MPROVEMENTS	
ELEV SURVEY PIN —		INSTALLED: PK		
N/A	PAVEMENT 6"	AT: CROWN OF UTILITY		
	SUB-PAVEMENT	SURVEY PIN LOCATED BY: F.R	ALEMAN & ASSOCIATES	
2.39'	6" BRICKS	JOB MEASUREMENT TYPE: U.S	5. FOOT	
ELEV (TOP) N/A		NOTES: EXCAVATED TO A DEPTH OF 2.3 FOUND A 4" RCP TEL. FOC LINE (AT&T)		
NI/A	DTH FACING	CORRESPONDS TO LOCATION # REPRESENTATION IN THE SHEET FORCE MAIN AND WATER MAIN PROFILE, PROVIDED BY THE CLIE	(INSET A), OF BOULEVARD REPLACEMENT, PLAN AND	
N/A +/	- 4" W	STATION (±) N/A	OFFSET: 3.99' RT	
F. OF S/W	10.20'	COMPANY OF THE PROPERTY OF THE	NTS	
E. O. P.	BOULEVARD ST. S. B. L.	BOULEVARD ST.		
		W. 10TH ST.		



VACUUM TEST HOLE REPORT

TEST HOLE NO.:

FRA JOB NO.: 2984

WORK ORDER NO.:

31

34

SUE SERVICES FOR BOULEVARD ST. WATER MAIN & FORCE MAIN REPLACEMENT FROM 7TH ST. W. TO W. 11TH ST. ASSISTED BY: OMAR & AARON PROJECT NAME: FORM BY: JERALD LOCATE REQUESTED BY: R.E. HOLLAND & ASSOCIATES FORM CHECKED BY: I. MARTI TIME: REQUESTED LOCATE: WATER NO. HOLES: 1 DATE: 07/17/2019 LOCATED UTILITY: UTILITY OWNER: JEA WATER & SEWER WATER STEEL MATERIAL AS FOUND: PAVEMENT TYPE: **ASPHALT** SIZE AS FOUND: 10" SIZE EXPECTED: 10" PAVEMENT CONDITION: FAIR UTILITY CONDITION: GOOD SOIL CONDITIONS: HARD RIBBON INSTALLED: BLUE PROPOSED: WATER & SEWER IMPROVEMENTS INSTALLED: PK ELEV SURVEY PIN PAVEMENT N/A CROWN OF UTILITY 4" SURVEY PIN LOCATED BY: F.R. ALEMAN & ASSOCIATES SUB-PAVEMENT COVER (TOP) N/A JOB MEASUREMENT TYPE: U.S. FOOT 3.68 ELEV (TOP) NOTES: N/A EXCAVATED TO A DEPTH OF 3.68' FOUND A 10" STEEL W. M. (JEA WATER & SEWER) CORRESPONDS TO LOCATION # 40, FIND THE TEST HOLE REPRESENTATION IN THE SHEET (INSET A), OF BOULEVARD COVER (BOTTOM) 4.51 FORCE MAIN AND WATER MAIN REPLACEMENT, PLAN AND ELEV (BOTTOM) PROFILE, PROVIDED BY THE CLIENT WIDTH **FACING** N/A +/- 10" W OFFSET: STATION (±) N/A N/A NTS CATCH BASIN -10.93, SAN. MANHOLE W. 10TH ST. BOULEVARD W. B. L. ω̈. S SAN. MANHOLE



VACUUM TEST HOLE REPORT

TEST HOLE NO.:

35 FRA JOB NO.: 2984

WORK ORDER NO.:

CUE CERVICES FOR ROUNEWARD OF WATER MANY & FORCE MANY				
PROJECT NAME: SUE SERVICES FOR BOULEVARD ST. WATER MAIN & FORCE MAIN REPLACEMENT FROM 7TH ST. W. TO W. 11TH ST.	FORM BY: JERALD ASSISTED BY: OMAR & AARON			
LOCATE REQUESTED BY: R.E. HOLLAND & ASSOCIATES	FORM CHECKED BY: I. MARTI			
REQUESTED LOCATE: SAN.	NO. HOLES: 1 DATE: 07/17/2019 TIME: -			
LOCATED UTILITY: SAN.	UTILITY OWNER: JEA WATER & SEWER			
MATERIAL AS FOUND: TERRA COTTA	PAVEMENT TYPE: ASPHALT			
SIZE AS FOUND: 6" SIZE EXPECTED: 6"	PAVEMENT CONDITION: FAIR			
UTILITY CONDITION: GOOD	SOIL CONDITIONS: HARD			
RIBBON INSTALLED: GREEN	PROPOSED: WATER & SEWER IMPROVEMENTS			
ELEV SURVEY PIN N/A PAVEMENT 5"	INSTALLED: PK AT: CROWN OF UTILITY			
COVER (TOP) SUB-PAVEMENT	SURVEY PIN LOCATED BY: F.R. ALEMAN & ASSOCIATES			
6.50'	JOB MEASUREMENT TYPE: U.S. FOOT			
N/A	NOTES: EXCAVATED TO A DEPTH OF 6.50' FOUND A 6" TERRA COTTA SAN. SEWER (JEA WATER & SEWER)			
COVER (BOTTOM) 7.50' ELEV (BOTTOM) WIDTH FACING	CORRESPONDS TO LOCATION # 41, FIND THE TEST HOLE REPRESENTATION IN THE SHEET (INSET A), OF BOULEVARD FORCE MAIN AND WATER MAIN REPLACEMENT, PLAN AND PROFILE, PROVIDED BY THE CLIENT			
N/A +/- 6" NW	STATION (±) N/A OFFSET: N/A			
CATCH BASIN	13.00			
W. 10TH ST.	SAN. MANHOLE			
W. B. L. WATER VALVE	BOULEVARD S. B. L.			

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VACUUM TEST HOLE REPORT

 TEST HOLE NO.:
 35-A

 FRA JOB NO.:
 2984

WORK ORDER NO .:

31

PROJECT NAME: SUE SERVICES FOR BOULEVARD ST. WATER MAIN & FORCE MAIN REPLACEMENT FROM 7TH ST. W. TO W. 11TH ST. FORM BY: **JERALD** ASSISTED BY: OMAR LOCATE REQUESTED BY: R.E. HOLLAND & ASSOCIATES FORM CHECKED BY: I. MARTI REQUESTED LOCATE: SAN. NO. HOLES: 07/17/2019 TIME: 1 LOCATED UTILITY: UNK. UTILITY OWNER: UNK. STEEL MATERIAL AS FOUND: PAVEMENT TYPE: **ASPHALT** SIZE AS FOUND: 4" SIZE EXPECTED: UNK. PAVEMENT CONDITION: FAIR UTILITY CONDITION: GOOD SOIL CONDITIONS: HARD RIBBON INSTALLED: PINK PROPOSED: WATER & SEWER IMPROVEMENTS INSTALLED: PK ELEV SURVEY PIN **PAVEMENT** N/A 4" CROWN OF UTILITY F.R. ALEMAN & ASSOCIATES SURVEY PIN LOCATED BY: SUB-PAVEMENT COVER (TOP) N/A JOB MEASUREMENT TYPE: U.S. FOOT 2.80 ELEV (TOP) NOTES: N/A EXCAVATED TO A DEPTH OF 2.80' FOUND A 4" STEEL UNK. CORRESPONDS TO LOCATION # 41, FIND THE TEST HOLE COVER (BOTTOM) REPRESENTATION IN THE SHEET (INSET A), OF BOULEVARD 3.14 FORCE MAIN AND WATER MAIN REPLACEMENT, PLAN AND ELEV (BOTTOM) PROFILE, PROVIDED BY THE CLIENT WIDTH FACING N/A +/- 4" W STATION (±) N/A OFFSET: N/A CATCH BASIN -SAN. MANHOLE 18.48, ST W. 10TH ST. BOULEVARD W. B. L. ω̈ Š WATER VALVE

"WATER"



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VACUUM TEST HOLE REPORT

TEST HOLE NO.: 36

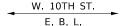
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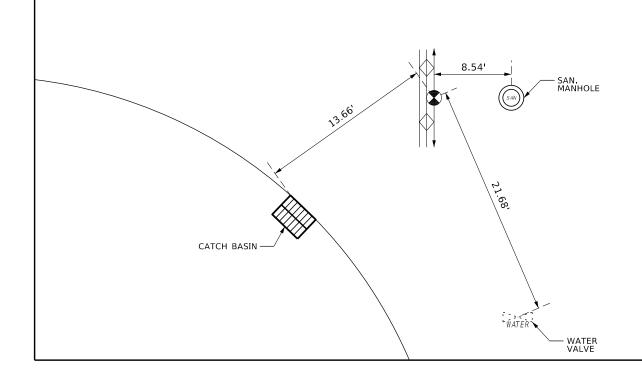
31

WORK ORDER NO.:

PROJECT NAME: SUE SERVICES FOR BOULEVARD ST. WATER MAIN & FORCE MAIN REPLACEMENT FROM 7TH ST. W. TO W. 11TH ST. FORM BY: **JERALD** ASSISTED BY: OMAR & FELIX LOCATE REQUESTED BY: R.E. HOLLAND & ASSOCIATES FORM CHECKED BY: I. MARTI REQUESTED LOCATE: FOC NO. HOLES: DATE: 07/17/2019 TIME: LOCATED UTILITY: FOC UTILITY OWNER: AT&T **PLASTIC** MATERIAL AS FOUND: PAVEMENT TYPE: ASPHALT OVER CONCRETE UNK. SIZE AS FOUND: (2) 4" SIZE EXPECTED: PAVEMENT CONDITION: **FAIR** UTILITY CONDITION: GOOD SOIL CONDITIONS: HARD RIBBON INSTALLED: **ORANGE** PROPOSED: WATER & SEWER IMPROVEMENTS INSTALLED: PK ELEV SURVEY PIN 5" ASPHALT 7" CONCRETE N/A EDGE OF UTILITY E SURVEY PIN LOCATED BY: F.R. ALEMAN & ASSOCIATES SUB-PAVEMENT COVER (TOP) N/A JOB MEASUREMENT TYPE: U.S. FOOT 4.85 ELEV (TOP) NOTES: N/A EXCAVATED TO A DEPTH OF 4.85' FOUND A (2) 4" PLASTIC FOC LINE (AT&T) CORRESPONDS TO LOCATION # 42, FIND THE TEST HOLE COVER (BOTTOM) REPRESENTATION IN THE SHEET (INSET A), OF BOULEVARD 5.68 FORCE MAIN AND WATER MAIN REPLACEMENT, PLAN AND ELEV (BOTTOM) PROFILE, PROVIDED BY THE CLIENT WIDTH FACINGN/A +/- 10" S OFFSET: STATION (±) N/A N/A











VACUUM TEST HOLE REPORT

TEST HOLE NO.: -FRA JOB NO.:

____37 ____2984

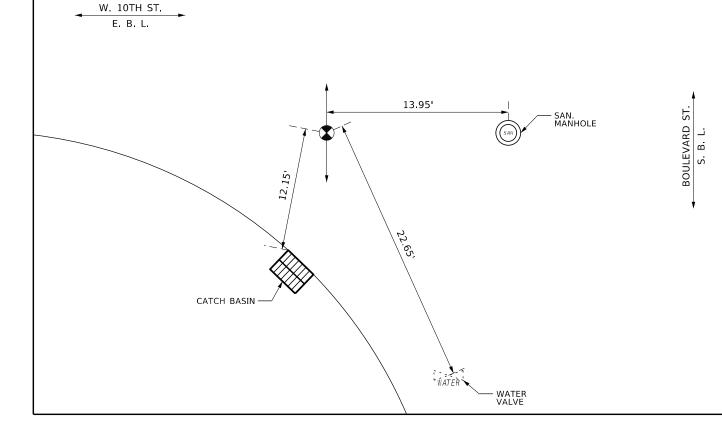
WORK ORDER NO.:

31

WORK ORDER NO.: 31

PROJECT NAME: SUE SERVICES FOR BOULEVARD ST. WATER MAIN & FORCE MAIN REPLACEMENT FROM 7TH ST. W. TO W. 11TH ST.	FORM BY: JERALD ASSISTED BY: OMAR & FELIX		
LOCATE REQUESTED BY: R.E. HOLLAND & ASSOCIATES	FORM CHECKED BY: I. MARTI		
REQUESTED LOCATE: GAS	NO. HOLES: 1 DATE: 07/17/2019 TIME: -		
LOCATED UTILITY: GAS	UTILITY OWNER: TECO PEOPLES GAS		
MATERIAL AS FOUND: STEEL	PAVEMENT TYPE: ASPHALT OVER CONCRETE		
SIZE AS FOUND: 6" SIZE EXPECTED: 6"	PAVEMENT CONDITION: FAIR		
UTILITY CONDITION: GOOD	SOIL CONDITIONS: HARD		
RIBBON INSTALLED: YELLOW	PROPOSED: WATER & SEWER IMPROVEMENTS		
PAVEMENT S" ASPHALT 7" CONCRETE SUB-PAVEMENT N/A 1.80' ELEV (TOP) N/A	INSTALLED: PK AT: CROWN OF UTILITY SURVEY PIN LOCATED BY: F.R. ALEMAN & ASSOCIATES JOB MEASUREMENT TYPE: U.S. FOOT NOTES: EXCAVATED TO A DEPTH OF 1.80'		
COVER (BOTTOM) 2.30' ELEV (BOTTOM) N/A +/- 6" S	FOUND A 6" STEEL GAS M. (TECO PEOPLES GAS) CORRESPONDS TO LOCATION # 43, FIND THE TEST HOLE REPRESENTATION IN THE SHEET (INSET A), OF BOULEVARD FORCE MAIN AND WATER MAIN REPLACEMENT, PLAN AND PROFILE, PROVIDED BY THE CLIENT STATION (±) N/A OFFSET: N/A		







VACUUM TEST HOLE REPORT

TEST HOLE NO .: 38

> FRA JOB NO.: 2984

WORK ORDER NO .: 31

SUE SERVICES FOR BOULEVARD ST. WATER MAIN & FORCE MAIN REPLACEMENT FROM 7TH ST. W. TO W. 11TH ST. ASSISTED BY: OMAR & FELIX PROJECT NAME: FORM BY: **JERALD** LOCATE REQUESTED BY: R.E. HOLLAND & ASSOCIATES FORM CHECKED BY: I. MARTI FORCE MAIN DATE: 07/17/2019 TIME: REQUESTED LOCATE: NO. HOLES: 1 UTILITY OWNER: JEA WATER & SEWER LOCATED UTILITY: FORCE MAIN MATERIAL AS FOUND: STEEL PAVEMENT TYPE: ASPHALT OVER CONCRETE SIZE AS FOUND: 44" SIZE EXPECTED: 44" PAVEMENT CONDITION: FAIR UTILITY CONDITION: GOOD SOIL CONDITIONS: HARD RIBBON INSTALLED: **GREEN** PROPOSED: WATER & SEWER IMPROVEMENTS INSTALLED: PΚ ELEV SURVEY PIN PAVEMENT 5 ASPHALT 7 CONCRETE N/A CROWN OF UTILITY F.R. ALEMAN & ASSOCIATES SURVEY PIN LOCATED BY: SUB-PAVEMENT COVER (TOP) N/A U.S. FOOT JOB MEASUREMENT TYPE: 3.91 ELEV (TOP) NOTES: N/A EXCAVATED TO A DEPTH OF 3.91' FOUND A 44" STEEL F. M. (JEA-WATER & SEWER CORRESPONDS TO COTON # 44, FIND THE TEST HOLE COVER (BOTTOM) REPRESENTATION IN THE SHEET (INSET A), OF BOULEVARD 7.57 ORCE MAIN AND WATER MAIN REPLACEMENT, PLAN AND ROFILE, PROVIDED BY THE CLIENT ELEV (BOTTOM) N/A

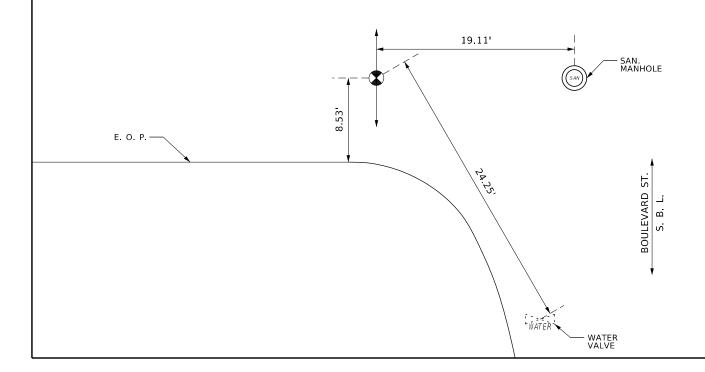
STATION (±) N/A



8.53 RT

OFFSET:

W. 10TH ST. E. B. L.



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W. 10TH ST.

VACUUM TEST HOLE REPORT

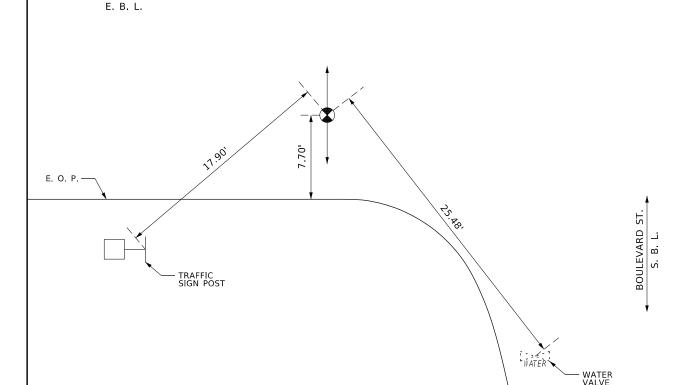
TEST HOLE NO.: 39

FRA JOB NO.: 2984

WORK ORDER NO.: 31

SUE SERVICES FOR BOULEVARD ST. WATER MAIN & FORCE MAIN REPLACEMENT FROM 7TH ST. W. TO W. 11TH ST. PROJECT NAME: FORM BY: **JERALD** ASSISTED BY: OMAR & FELIX LOCATE REQUESTED BY: R.E. HOLLAND & ASSOCIATES FORM CHECKED BY: I. MARTI REQUESTED LOCATE: FOC NO. HOLES: DATE: 07/17/2019 TIME: LOCATED UTILITY: UTILITY OWNER: AT&T FOC **PLASTIC** MATERIAL AS FOUND: PAVEMENT TYPE: ASPHALT OVER CONCRETE SIZE AS FOUND: 4" SIZE EXPECTED: UNK. PAVEMENT CONDITION: FAIR UTILITY CONDITION: GOOD SOIL CONDITIONS: HARD **ORANGE** PROPOSED: WATER & SEWER IMPROVEMENTS RIBBON INSTALLED: INSTALLED: PK ELEV SURVEY PIN PAVEMENT 5" ASPHALT 7" CONCRETE N/A CROWN OF UTILITY F.R. ALEMAN & ASSOCIATES SURVEY PIN LOCATED BY: SUB-PAVEMENT COVER (TOP) N/A U.S. FOOT JOB MEASUREMENT TYPE: 2.42 ELEV (TOP) NOTES: N/A EXCAVATED TO A DEPTH OF 2.42' FOUND A 4" PLASTIC FOC LINE (AT&T) CORRESPONDS TO LOCATION # 45, FIND THE TEST HOLE COVER (BOTTOM) REPRESENTATION IN THE SHEET (INSET A), OF BOULEVARD 2.76 FORCE MAIN AND WATER MAIN REPLACEMENT, PLAN AND ELEV (BOTTOM) PROFILE, PROVIDED BY THE CLIENT WIDTH **FACING** N/A +/- 4" S STATION (±) N/A OFFSET: 7.70' RT





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W. 10TH ST. E. B. L.

VACUUM TEST HOLE REPORT

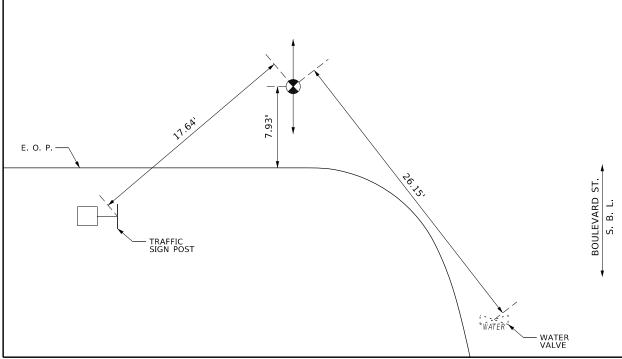
TEST HOLE NO.: 40
FRA JOB NO.: 2984

31

WORK ORDER NO.:

PROJECT NAME: SUE SERVICES FOR BOULEVARD ST. WATER MAIN & FORCE MAIN REPLACEMENT FROM 7TH ST. W. TO W. 11TH ST. FORM BY: JERALD ASSISTED BY: OMAR LOCATE REQUESTED BY: R.E. HOLLAND & ASSOCIATES FORM CHECKED BY: I. MARTI REQUESTED LOCATE: FOC NO. HOLES: 1 DATE: 07/17/2019 TIMF. LOCATED UTILITY: UTILITY OWNER: AT&T FOC **PLASTIC** MATERIAL AS FOUND: PAVEMENT TYPE: ASPHALT OVER CONCRETE SIZE AS FOUND: 4" SIZE EXPECTED: PAVEMENT CONDITION: FAIR UTILITY CONDITION: GOOD SOIL CONDITIONS: HARD RIBBON INSTALLED: **ORANGE** PROPOSED: WATER & SEWER IMPROVEMENTS INSTALLED: PK ELEV SURVEY PIN PAVEMENT N/A 5" ASPHALT 7" CONCRETE CROWN OF UTILITY AT: SURVEY PIN LOCATED BY: F.R. ALEMAN & ASSOCIATES SUB-PAVEMENT COVER (TOP) N/A U.S. FOOT JOB MEASUREMENT TYPE: 2.39' ELEV (TOP) NOTES: N/A EXCAVATED TO A DEPTH OF 2.39' FOUND A 4" PLASTIC FOC LINE (AT&T) CORRESPONDS TO LOCATION # 46, FIND THE TEST HOLE COVER (BOTTOM) REPRESENTATION IN THE SHEET (INSET A), OF BOULEVARD 2.73 FORCE MAIN AND WATER MAIN REPLACEMENT, PLAN AND ELEV (BOTTOM) PROFILE, PROVIDED BY THE CLIENT FACING WIDTH N/A +/- 4" S STATION (±) N/A OFFSET: 7.93 RT



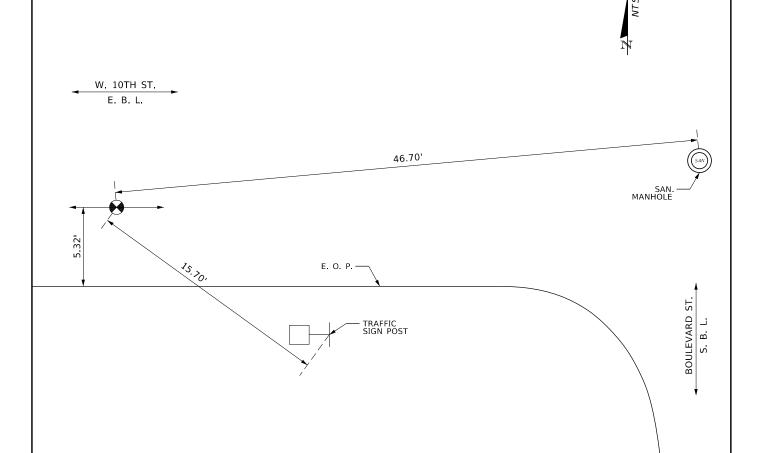


VACUUM TEST HOLE REPORT

TEST HOLE NO .: 41 2984 FRA JOB NO.: 31

WORK ORDER NO .:

SUE SERVICES FOR BOULEVARD ST. WATER MAIN & FORCE MAIN REPLACEMENT FROM 7TH ST. W. TO W. 11TH ST. FORM BY: JERALD ASSISTED BY: OMAR LOCATE REQUESTED BY: R.E. HOLLAND & ASSOCIATES FORM CHECKED BY: I. MARTI REQUESTED LOCATE: WATER NO. HOLES: DATE: 07/17/2019 TIME: LOCATED UTILITY: WATER UTILITY OWNER: JEA WATER & SEWER MATERIAL AS FOUND: GALV. PAVEMENT TYPE: **ASPHALT** 2" SIZE AS FOUND: 2" SIZE EXPECTED: PAVEMENT CONDITION: POOR UTILITY CONDITION: GOOD SOIL CONDITIONS: HARD **BLUE** RIBBON INSTALLED: PROPOSED: WATER & SEWER IMPROVEMENTS INSTALLED: PK ELEV SURVEY PIN PAVEMENT N/A 4" CROWN OF UTILITY F.R. ALEMAN & ASSOCIATES SURVEY PIN LOCATED BY: SUB-PAVEMENT COVER (TOP) N/A JOB MEASUREMENT TYPE: U.S. FOOT 1.01 ELEV (TOP) NOTES: N/A EXCAVATED TO A DEPTH OF 1.01' FOUND A 2" GALV. W. M. (JEA WATER & SEWER) CORRESPONDS TO LOCATION # 47, FIND THE TEST HOLE COVER (BOTTOM) REPRESENTATION IN THE SHEET (INSET A), OF BOULEVARD 1.18 FORCE MAIN AND WATER MAIN REPLACEMENT, PLAN AND ELEV (BOTTOM) PROFILE, PROVIDED BY THE CLIENT WIDTH FACING N/A +/- 2" Ε STATION (±) N/A OFFSET: 5.32' RT





VACUUM TEST HOLE REPORT

TEST HOLE NO.:

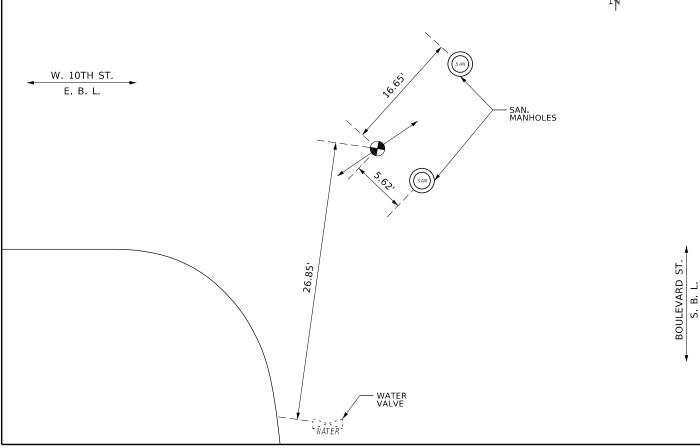
FRA JOB NO.: 2984

42

WORK ORDER NO.: 31

SUE SERVICES FOR BOULEVARD ST. WATER MAIN & FORCE MAIN REPLACEMENT FROM 7TH ST. W. TO W. 11TH ST. PROJECT NAME: FORM BY: **JERALD** ASSISTED BY: OMAR & FELIX LOCATE REQUESTED BY: R.E. HOLLAND & ASSOCIATES FORM CHECKED BY: I. MARTI REQUESTED LOCATE: SAN. NO. HOLES: 1 DATE: 07/17/2019 TIME: LOCATED UTILITY: SAN. UTILITY OWNER: JEA WATER & SEWER TERRA COTTA MATERIAL AS FOUND: PAVEMENT TYPE: ASPHALT OVER CONCRETE SIZE AS FOUND: 6" SIZE EXPECTED: 6" PAVEMENT CONDITION: FAIR UTILITY CONDITION: GOOD SOIL CONDITIONS: HARD RIBBON INSTALLED: **GREEN** PROPOSED: WATER & SEWER IMPROVEMENTS INSTALLED: PΚ ELEV SURVEY PIN **PAVEMENT** N/A 5" ASPHALT 7" CONCRETE CROWN AT: SURVEY PIN LOCATED BY: F.R. ALEMAN & ASSOCIATES SUB-PAVEMENT COVER (TOP) N/A JOB MEASUREMENT TYPE: U.S. FOOT 4.57 ELEV (TOP) NOTES: N/A EXCAVATED TO A DEPTH OF 4.57' FOUND A 6" TERRA COTTA SAN. SEWER (JEA WATER & SEWER) CORRESPONDS TO LOCATION # 48, FIND THE TEST HOLE COVER (BOTTOM) REPRESENTATION IN THE SHEET (INSET A), OF BOULEVARD 5.07 FORCE MAIN AND WATER MAIN REPLACEMENT, PLAN AND ELEV (BOTTOM) PROFILE, PROVIDED BY THE CLIENT WIDTH **FACING** N/A +/- 6" SW STATION (±) N/A OFFSET: N/A







VACUUM TEST HOLE REPORT

TEST HOLE NO.:

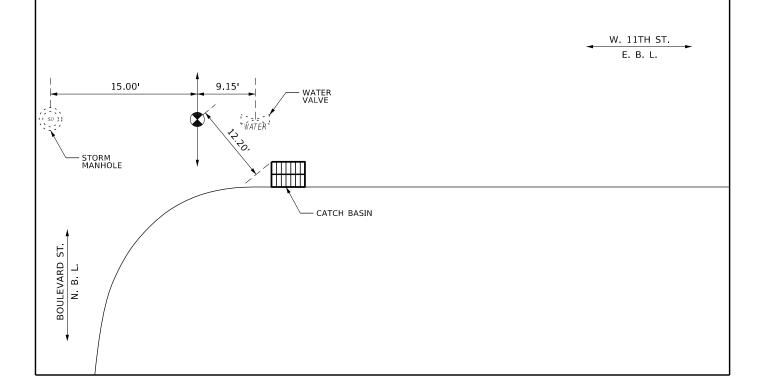
____43

FRA JOB NO.:
WORK ORDER NO.:

2984 31

PROJECT NAME: SUE SERVICES FOR BOULEVARD ST. WATER MAIN & FORCE MAIN REPLACEMENT FROM 7TH ST. W. TO W. 11TH ST. FORM BY: ASSISTED BY: EDUARDO HERNANDO LOCATE REQUESTED BY: R.E. HOLLAND & ASSOCIATES FORM CHECKED BY: I. MARTI DATE: 07/18/2019 REQUESTED LOCATE: FOC NO. HOLES: TIMF: 1 LOCATED UTILITY: FOC UTILITY OWNER: AT&T **PLASTIC** MATERIAL AS FOUND: PAVEMENT TYPE: **ASPHALT** SIZE AS FOUND: 2" SIZE EXPECTED: UNK. PAVEMENT CONDITION: GOOD UTILITY CONDITION: GOOD SOIL CONDITIONS: MOIST/SAND RIBBON INSTALLED: **ORANGE** PROPOSED: WATER & SEWER IMPROVEMENTS INSTALLED: PK ELEV SURVEY PIN PAVEMENT N/A 6" CROWN OF UTILITY F.R. ALEMAN & ASSOCIATES SURVEY PIN LOCATED BY: SUB-PAVEMENT COVER (TOP) 6" BRICKS JOB MEASUREMENT TYPE: U.S. FOOT 5.30 ELEV (TOP) NOTES: N/A EXCAVATED TO A DEPTH OF 5.30' FOUND A 2" PLASTIC FOC LINE (AT&T) CORRESPONDS TO LOCATION # 49, FIND THE TEST HOLE COVER (BOTTOM) REPRESENTATION IN THE SHEET (INSET B), OF BOULEVARD 5.46 FORCE MAIN AND WATER MAIN REPLACEMENT, PLAN AND ELEV (BOTTOM) PROFILE, PROVIDED BY THE CLIENT WIDTH **FACING** N/A +/- 2" Ν STATION (±) N/A OFFSET: N/A







VACUUM TEST HOLE REPORT

TEST HOLE NO.:

FRA JOB NO.: 2984

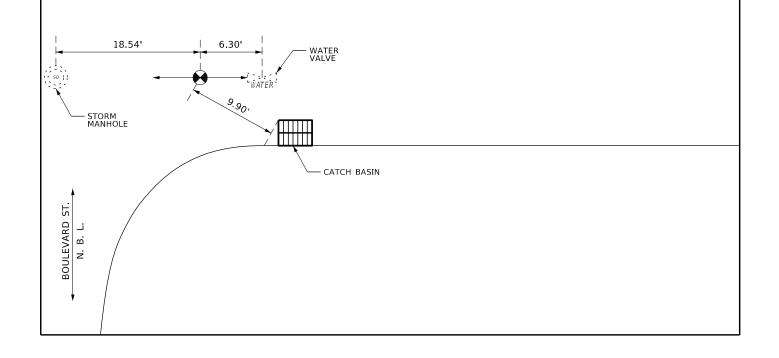
WORK ORDER NO.:

31

PROJECT NAME: SUE SERVICES FOR BOULEVARD ST. WATER MAIN & FORCE MAIN REPLACEMENT FROM 7TH ST. W. TO W. 11TH ST.	FORM BY: HERNANDO ASSISTED BY: EDUARDO		
LOCATE REQUESTED BY: R.E. HOLLAND & ASSOCIATES	FORM CHECKED BY: I. MARTI		
REQUESTED LOCATE: WATER	NO. HOLES: 1 DATE: 07/17/2019 TIME: -		
LOCATED UTILITY: WATER	UTILITY OWNER: JEA WATER & SEWER		
MATERIAL AS FOUND: C/I	PAVEMENT TYPE: ASPHALT OVER CONCRETE		
SIZE AS FOUND: 8" SIZE EXPECTED: UNK.	PAVEMENT CONDITION: GOOD		
UTILITY CONDITION: GOOD	SOIL CONDITIONS: MOIST/SAND		
RIBBON INSTALLED: BLUE	PROPOSED: WATER & SEWER IMPROVEMENTS		
COVER (TOP) 2.69' ELEV SURVEY PIN PAVEMENT 6" SUB-PAVEMENT 6" BRICKS	INSTALLED: PK AT: CROWN OF UTILITY SURVEY PIN LOCATED BY: F.R. ALEMAN & ASSOCIATES JOB MEASUREMENT TYPE: U.S. FOOT NOTES:		
N/A	EXCAVATED TO A DEPTH OF 2.69' FOUND A 8" C/I W. M. (JEA WATER & SEWER)		
COVER (BOTTOM) 3.36' ELEV (BOTTOM) WIDTH FACING	CORRESPONDS TO LOCATION # 50, FIND THE TEST HOLE REPRESENTATION IN THE SHEET (INSET B), OF BOULEVARD FORCE MAIN AND WATER MAIN REPLACEMENT, PLAN AND PROFILE, PROVIDED BY THE CLIENT		
N/A +/- 8" E	STATION (±) N/A OFFSET: N/A		









VACUUM TEST HOLE REPORT

TEST HOLE NO.:

FRA JOB NO.: 2984

45

WORK ORDER NO.: 31

SUE SERVICES FOR BOULEVARD ST. WATER MAIN & FORCE MAIN REPLACEMENT FROM 7TH ST. W. TO W. 11TH ST. PROJECT NAME: FORM BY: **HERNANDO** ASSISTED BY: EDUARDO LOCATE REQUESTED BY: R.E. HOLLAND & ASSOCIATES FORM CHECKED BY: I. MARTI REQUESTED LOCATE: WATER NO. HOLES: 1 DATE: 07/18/2019 TIME: LOCATED UTILITY: WATER UTILITY OWNER: JEA WATER & SEWER C/I MATERIAL AS FOUND: PAVEMENT TYPE: **ASPHALT** SIZE AS FOUND: 8" SIZE EXPECTED: UNK. PAVEMENT CONDITION: GOOD UTILITY CONDITION: GOOD SOIL CONDITIONS: MOIST/SAND RIBBON INSTALLED: **BLUE** PROPOSED: WATER & SEWER IMPROVEMENTS INSTALLED: PK ELEV SURVEY PIN PAVEMENT N/A CROWN OF UTILITY 4" AT: SURVEY PIN LOCATED BY: F.R. ALEMAN & ASSOCIATES SUB-PAVEMENT COVER (TOP) N/A JOB MEASUREMENT TYPE: U.S. FOOT 2.30 ELEV (TOP) NOTES: N/A EXCAVATED TO A DEPTH OF 2.30' FOUND A 8" C/I W. M. (JEA WATER & SEWER) CORRESPONDS TO LOCATION # 51, FIND THE TEST HOLE COVER (BOTTOM) REPRESENTATION IN THE SHEET (INSET B), OF BOULEVARD 2.97 FORCE MAIN AND WATER MAIN REPLACEMENT, PLAN AND ELEV (BOTTOM) PROFILE, PROVIDED BY THE CLIENT WIDTH **FACING** N/A +/- 8" Ε

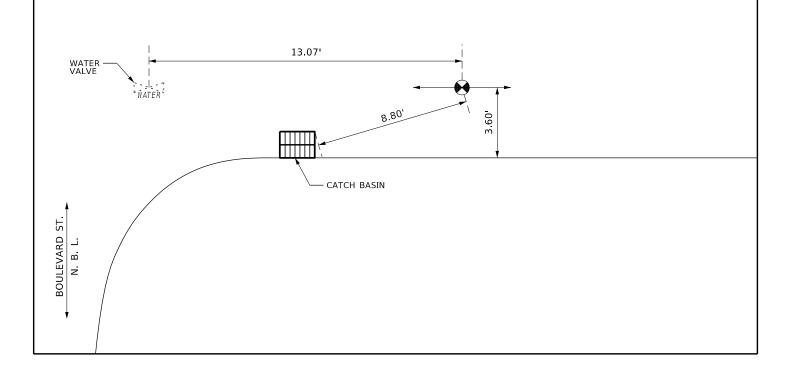
STATION (±) N/A



3.60' LT

OFFSET:

W. 11TH ST.





VACUUM TEST HOLE REPORT

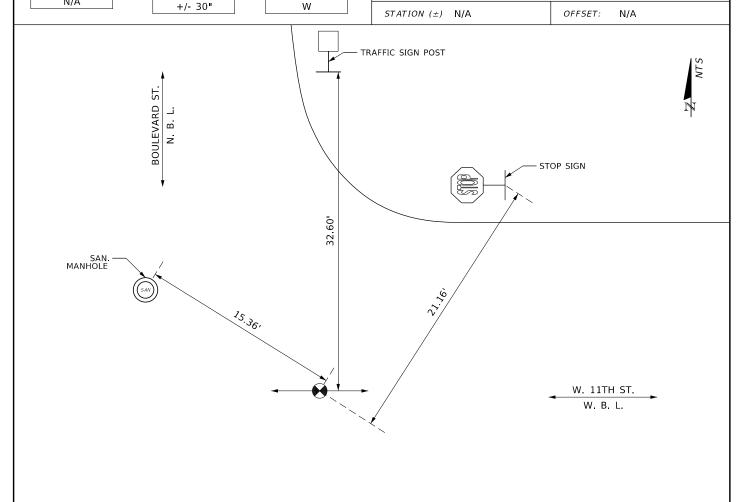
TEST HOLE NO.: ____

WORK ORDER NO.: 31

46

2984

SUE SERVICES FOR BOULEVARD ST. WATER MAIN & FORCE MAIN REPLACEMENT FROM 7TH ST. W. TO W. 11TH ST. PROJECT NAME: FORM BY: **JERALD** ASSISTED BY: OMAR LOCATE REQUESTED BY: R.E. HOLLAND & ASSOCIATES FORM CHECKED BY: I. MARTI REQUESTED LOCATE: WATER (CHILL) NO. HOLES: 1 DATE: 07/18/2019 TIME: LOCATED UTILITY: UTILITY OWNER: JEA WATER & SEWER WATER (CHILL) **PLASTIC** MATERIAL AS FOUND: PAVEMENT TYPE: **ASPHALT** SIZE AS FOUND: 30" SIZE EXPECTED: 30" PAVEMENT CONDITION: **POOR** UTILITY CONDITION: GOOD SOIL CONDITIONS: HARD RIBBON INSTALLED: **BLUE** PROPOSED: WATER & SEWER IMPROVEMENTS INSTALLED: PK ELEV SURVEY PIN **PAVEMENT** CROWN OF UTILITY F.R. ALEMAN & ASSOCIATES SURVEY PIN LOCATED BY: SUB-PAVEMENT COVER (TOP) N/A U.S. FOOT JOB MEASUREMENT TYPE: 5.54 ELEV (TOP) NOTES: N/A EXCAVATED TO A DEPTH OF 5.54' FOUND A 30" PLASTIC W. M. (JEA WATER & SEWER) CORRESPONDS TO LOCATION # 52, FIND THE TEST HOLE COVER (BOTTOM) REPRESENTATION IN THE SHEET (INSET B), OF BOULEVARD 8.04 FORCE MAIN AND WATER MAIN REPLACEMENT, PLAN AND ELEV (BOTTOM) PROFILE, PROVIDED BY THE CLIENT WIDTH **FACING** N/A





VACUUM TEST HOLE REPORT

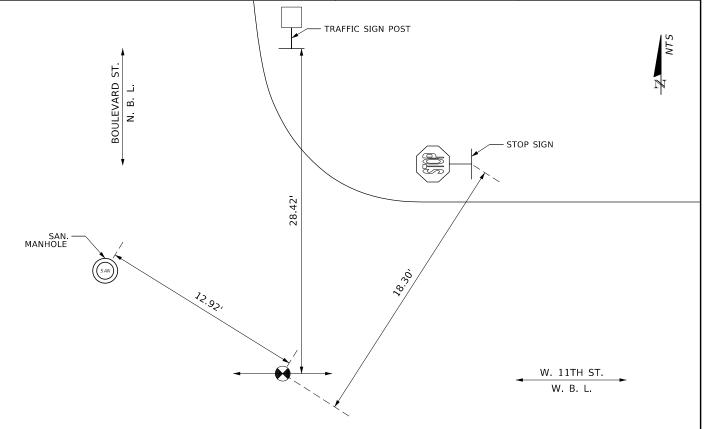
47 TEST HOLE NO .:

2984

FRA JOB NO.:

WORK ORDER NO .: 31

SUE SERVICES FOR BOULEVARD ST. WATER MAIN & FORCE MAIN REPLACEMENT FROM 7TH ST. W. TO W. 11TH ST. PROJECT NAME: FORM BY: **JERALD** ASSISTED BY: OMAR LOCATE REQUESTED BY: R.E. HOLLAND & ASSOCIATES FORM CHECKED BY: I. MARTI DATE: 07/18/2019 REQUESTED LOCATE: WATER (CHILL) TIME: NO. HOLES: 1 UTILITY OWNER: JEA WATER & SEWER LOCATED UTILITY: WATER (CHILL) **PLASTIC** MATERIAL AS FOUND: PAVEMENT TYPE: **ASPHALT** SIZE AS FOUND: 30" SIZE EXPECTED: 30" PAVEMENT CONDITION: POOR UTILITY CONDITION: GOOD SOIL CONDITIONS: HARD **BLUE** PROPOSED: WATER & SEWER IMPROVEMENTS RIBBON INSTALLED: INSTALLED: PK ELEV SURVEY PIN PAVEMENT N/A CROWN OF UTILITY SURVEY PIN LOCATED BY: F.R. ALEMAN & ASSOCIATES SUB-PAVEMENT COVER (TOP) N/A JOB MEASUREMENT TYPE: U.S. FOOT 5.50 ELEV (TOP) NOTES: N/A EXCAVATED TO A DEPTH OF 5.50' FOUND A 30" PLASTIC W. M. (JEA WATER & SEWER) CORRESPONDS TO LOCATION # 53, FIND THE TEST HOLE COVER (BOTTOM) REPRESENTATION IN THE SHEET (INSET B), OF BOULEVARD 8.00' FORCE MAIN AND WATER MAIN REPLACEMENT, PLAN AND ELEV (BOTTOM) PROFILE, PROVIDED BY THE CLIENT WIDTH **FACING** N/A +/- 30" W STATION (±) N/A OFFSET: N/A TRAFFIC SIGN POST





VACUUM TEST HOLE REPORT

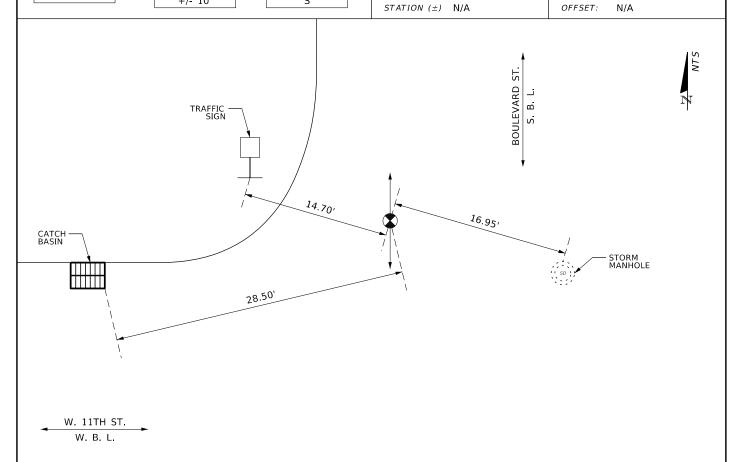
FRA JOB NO.:

WORK ORDER NO.: 31

48

2984

SUE SERVICES FOR BOULEVARD ST. WATER MAIN & FORCE MAIN REPLACEMENT FROM 7TH ST. W. TO W. 11TH ST. PROJECT NAME: FORM BY: HERNANDO ASSISTED BY: EDUARDO LOCATE REQUESTED BY: R.E. HOLLAND & ASSOCIATES FORM CHECKED BY: I. MARTI REQUESTED LOCATE: WATER DATE: 07/18/2019 TIME: NO. HOLES: 1 LOCATED UTILITY: WATER UTILITY OWNER: JEA WATER & SEWER MATERIAL AS FOUND: C/I PAVEMENT TYPE: **ASPHALT** UNK. SIZE AS FOUND: 10" SIZE EXPECTED: GOOD PAVEMENT CONDITION: UTILITY CONDITION: GOOD SOIL CONDITIONS: MOIST/SAND **BLUE** RIBBON INSTALLED: PROPOSED: WATER & SEWER IMPROVEMENTS INSTALLED: PK ELEV SURVEY PIN PAVEMENT N/A CROWN OF UTILITY 6" F.R. ALEMAN & ASSOCIATES SURVEY PIN LOCATED BY: SUB-PAVEMENT COVER (TOP) N/A U.S. FOOT JOB MEASUREMENT TYPE: 2.85 ELEV (TOP) NOTES: N/A EXCAVATED TO A DEPTH OF 2.85' FOUND A 10" C/I W. M. (JEA WATER & SEWER) CORRESPONDS TO LOCATION # 54, FIND THE TEST HOLE COVER (BOTTOM) REPRESENTATION IN THE SHEET (INSET B), OF BOULEVARD 3.66 FORCE MAIN AND WATER MAIN REPLACEMENT, PLAN AND ELEV (BOTTOM) PROFILE, PROVIDED BY THE CLIENT WIDTH **FACING** N/A +/- 10" S





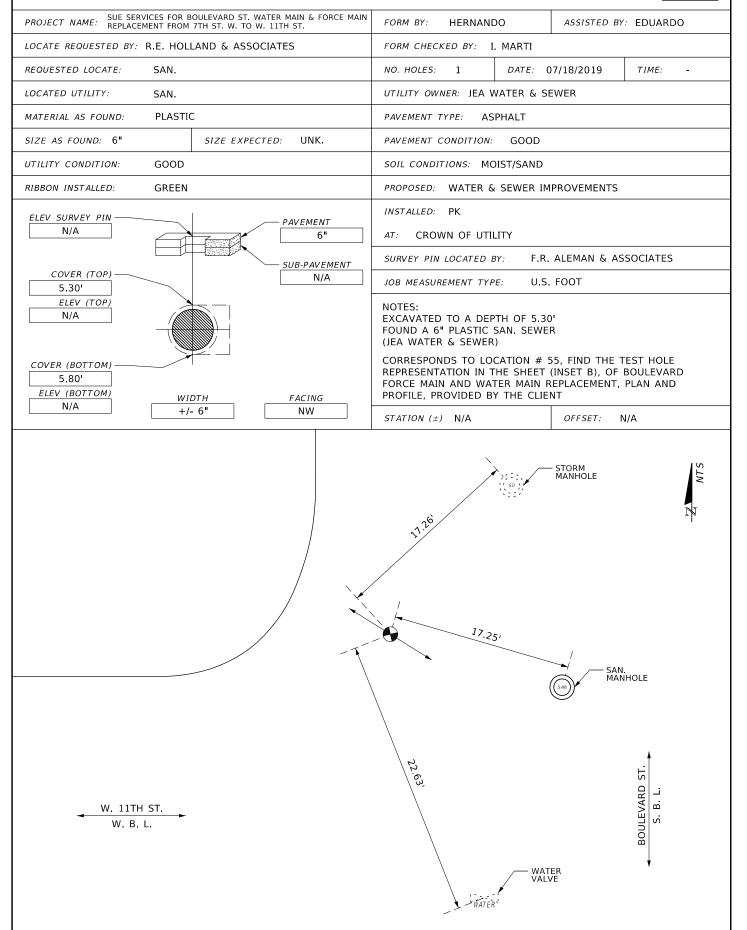
VACUUM TEST HOLE REPORT

TEST HOLE NO .:

FRA JOB NO .: 2984

49

WORK ORDER NO .:





CONSULTING ENGINEERS & SURVEYORS
6196 LAKE GRAY BLVD., STE, 101, JACKSONVILLE, FL 32244

VACUUM TEST HOLE REPORT

TEST HOLE NO.: 50

FRA JOB NO.: 2984

WORK ORDER NO.: 31

PROJECT NAME: SUE SERVICES FOR BOULEVARD ST. WATER MAIN & FORCE MAIN REPLACEMENT FROM 7TH ST. W. TO W. 11TH ST. FORM BY: **HERNANDO** ASSISTED BY: EDUARDO LOCATE REQUESTED BY: R.E. HOLLAND & ASSOCIATES FORM CHECKED BY: I. MARTI FOC DATE: 07/18/2019 TIME: REQUESTED LOCATE: NO. HOLES: 1 LOCATED UTILITY: UTILITY OWNER: AT&T TEL. FOC MATERIAL AS FOUND: PLASTIC PAVEMENT TYPE: **ASPHALT** SIZE AS FOUND: 4" SIZE EXPECTED: UNK. PAVEMENT CONDITION: GOOD UTILITY CONDITION: GOOD SOIL CONDITIONS: WET/SAND RIBBON INSTALLED: **ORANGE** PROPOSED: WATER & SEWER IMPROVEMENTS INSTALLED: ELEV SURVEY PIN PAVEMENT N/A 5" CROWN OF UTILITY F.R. ALEMAN & ASSOCIATES SURVEY PIN LOCATED BY: SUB-PAVEMENT COVER (TOP) N/A U.S. FOOT JOB MEASUREMENT TYPE: 5.60 ELEV (TOP) NOTES: N/A EXCAVATED TO A DEPTH OF 5.60' FOUND A 4" PLASTIC TEL, FOC LINE (AT&T) CORRESPONDS TO LOCATION # 56, FIND THE TEST HOLE COVER (BOTTOM) REPRESENTATION IN THE SHEET (INSET B), OF BOULEVARD 5.94 FORCE MAIN AND WATER MAIN REPLACEMENT, PLAN AND ELEV (BOTTOM) PROFILE, PROVIDED BY THE CLIENT WIDTH FACING N/A +/- 4" S STATION (±) N/A OFFSET: N/A CATCH BASIN -BOULEVARD ST. W 11TH ST E.B.L. B. S 27.10' CATCH BASIN (GRASS) FIRE HYDRANT -



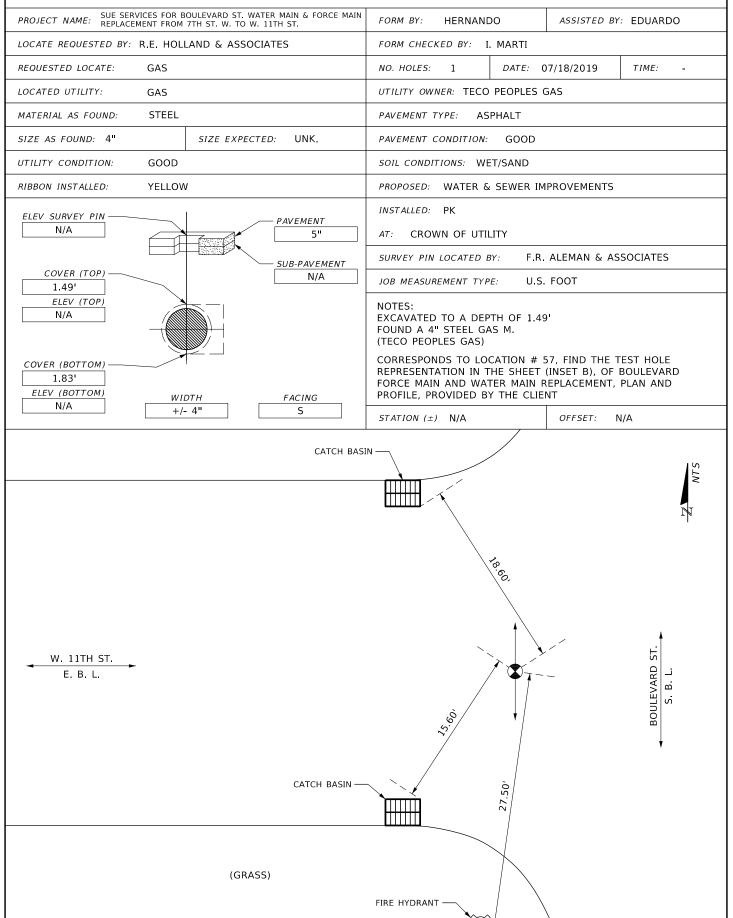
CONSULTING ENGINEERS & SURVEYORS
6196 LAKE GRAY BLVD., STE. 101, JACKSONVILLE, FL 32244

VACUUM TEST HOLE REPORT

TEST HOLE NO.: 51

FRA JOB NO.: 2984

WORK ORDER NO.: 31





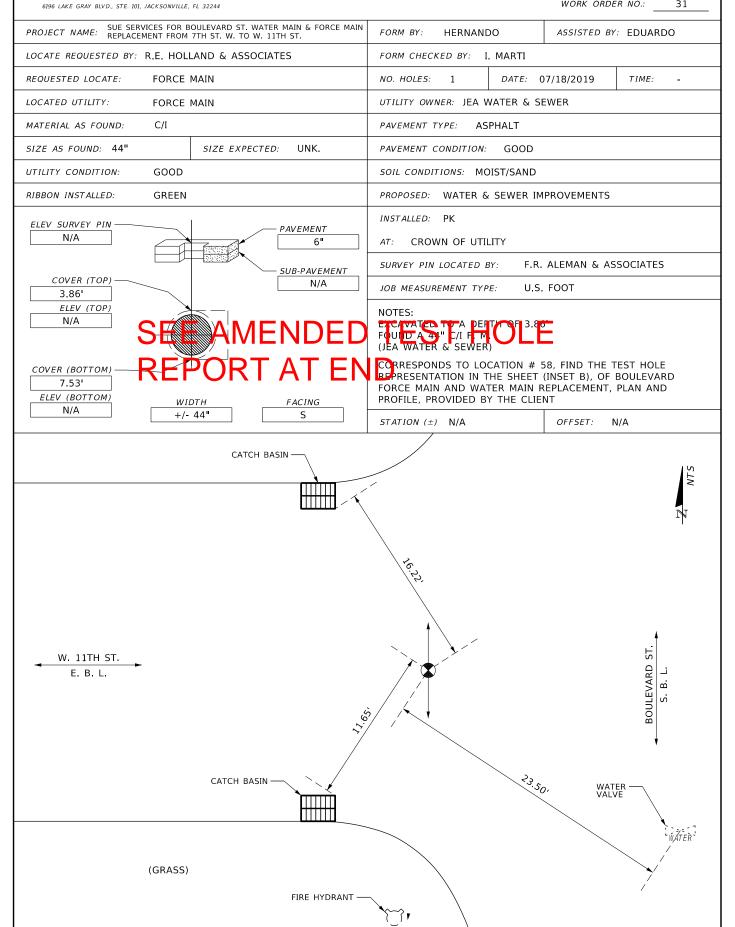
& Associates, Inc. CONSULTING ENGINEERS & SURVEYORS VACUUM TEST HOLE REPORT

TEST HOLE NO .:

52 2984

WORK ORDER NO .:

FRA JOB NO.: 31





VACUUM TEST HOLE REPORT

TEST HOLE NO.:

____53 ____2984

FRA JOB NO.:
WORK ORDER NO.:

R NO.: 31

SUE SERVICES FOR BOULEVARD ST. WATER MAIN & FORCE MAIN REPLACEMENT FROM 7TH ST. W. TO W. 11TH ST. ASSISTED BY: EDUARDO PROJECT NAME: FORM BY: HERNANDO LOCATE REQUESTED BY: R.E. HOLLAND & ASSOCIATES FORM CHECKED BY: I. MARTI REQUESTED LOCATE: WATER DATE: 07/18/2019 TIME: NO. HOLES: 1 LOCATED UTILITY: UTILITY OWNER: JEA WATER & SEWER WATER PVC MATERIAL AS FOUND: PAVEMENT TYPE: **ASPHALT** SIZE AS FOUND: 6" SIZE EXPECTED: UNK. PAVEMENT CONDITION: GOOD UTILITY CONDITION: GOOD SOIL CONDITIONS: WET/SAND RIBBON INSTALLED: BLUE WATER & SEWER IMPROVEMENTS PROPOSED: INSTALLED: PK ELEV SURVEY PIN PAVEMENT N/A CROWN OF UTILITY AT: SURVEY PIN LOCATED BY: F.R. ALEMAN & ASSOCIATES SUB-PAVEMENT COVER (TOP) N/A U.S. FOOT JOB MEASUREMENT TYPE: 2.95 ELEV (TOP) NOTES: N/A EXCAVATED TO A DEPTH OF 2.95' FOUND A 6" PVC W. M. (JEA WATER & SEWER) CORRESPONDS TO LOCATION # 59, FIND THE TEST HOLE COVER (BOTTOM) REPRESENTATION IN THE SHEET (INSET B), OF BOULEVARD 3.45 FORCE MAIN AND WATER MAIN REPLACEMENT, PLAN AND ELEV (BOTTOM) PROFILE, PROVIDED BY THE CLIENT WIDTH **FACING** N/A +/- 6' Ε STATION (±) N/A OFFSET: N/A E. O. P. -CATCH BASIN -W. 11TH ST. BOULEVARD S. B. L. E. B. L. 10.72, CATCH BASIN TELEPHONE WOOD POLE ID. N/A



VACUUM TEST HOLE REPORT

TEST HOLE NO.: 53-A

FRA JOB NO.: 2984

WORK ORDER NO.: 31

SUE SERVICES FOR BOULEVARD ST. WATER MAIN & FORCE MAIN REPLACEMENT FROM 7TH ST. W. TO W. 11TH ST. PROJECT NAME: FORM BY: **HERNANDO** ASSISTED BY: EDUARDO LOCATE REQUESTED BY: R.E. HOLLAND & ASSOCIATES FORM CHECKED BY: I. MARTI UNK. TIME: REQUESTED LOCATE: NO. HOLES: DATE: 07/18/2019 1 LOCATED UTILITY: UTILITY OWNER: UNK. UNK. MATERIAL AS FOUND: C/I PAVEMENT TYPE: **ASPHALT** SIZE AS FOUND: 6" SIZE EXPECTED: UNK. PAVEMENT CONDITION: GOOD UTILITY CONDITION: GOOD SOIL CONDITIONS: WET/SAND RIBBON INSTALLED: PINK PROPOSED: WATER & SEWER IMPROVEMENTS INSTALLED: ELEV SURVEY PIN PAVEMENT N/A 3" AT: CROWN OF UTILITY F.R. ALEMAN & ASSOCIATES SURVEY PIN LOCATED BY: SUB-PAVEMENT COVER (TOP) N/A JOB MEASUREMENT TYPE: U.S. FOOT 3.98 ELEV (TOP) N/A EXCAVATED TO A DEPTH OF 3.98' FOUND A 6" C/I UNK. LINE CORRESPONDS TO LOCATION # 59, FIND THE TEST HOLE COVER (BOTTOM) REPRESENTATION IN THE SHEET (INSET B), OF BOULEVARD 4.48 FORCE MAIN AND WATER MAIN REPLACEMENT, PLAN AND ELEV (BOTTOM) PROFILE, PROVIDED BY THE CLIENT WIDTHFACING N/A Ε +/- 6" OFFSET: STATION (±) N/A N/A E. O. P. CATCH BASIN BOULEVARD ST. W. 11TH ST. E. B. L. B. S 11.50, - CATCH BASIN TELEPHONE WOOD POLE ID. N/A



VACUUM TEST HOLE REPORT

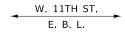
TEST HOLE NO.: 54

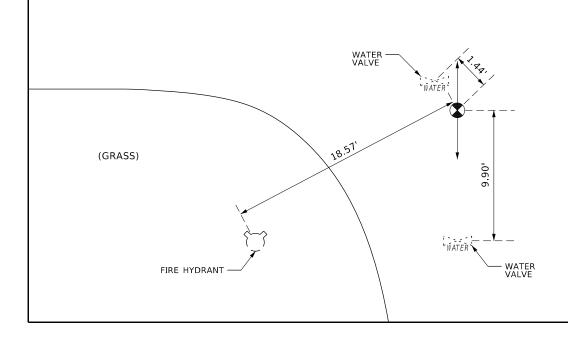
FRA JOB NO.: 2984

WORK ORDER NO.: 31

PROJECT NAME: SUE SERVICES FOR BOULEVARD ST. WATER MAIN & FORCE MAIN REPLACEMENT FROM 7TH ST. W. TO W. 11TH ST.	FORM BY: HERNANDO ASSISTED BY: EDUARDO		
LOCATE REQUESTED BY: R.E. HOLLAND & ASSOCIATES	FORM CHECKED BY: I. MARTI		
REQUESTED LOCATE: WATER	NO. HOLES: 1 DATE: 07/18/2019 TIME: -		
LOCATED UTILITY: WATER	UTILITY OWNER: JEA WATER & SEWER		
MATERIAL AS FOUND: C/I	PAVEMENT TYPE: ASPHALT		
SIZE AS FOUND: 10" SIZE EXPECTED: UNK.	PAVEMENT CONDITION: GOOD		
UTILITY CONDITION: GOOD	SOIL CONDITIONS: WET/SAND		
RIBBON INSTALLED: BLUE	PROPOSED: WATER & SEWER IMPROVEMENTS		
ELEV SURVEY PIN N/A 5" SUB-PAVEMENT N/A 3.15' ELEV (TOP) N/A	INSTALLED: PK AT: CROWN OF UTILITY SURVEY PIN LOCATED BY: F.R. ALEMAN & ASSOCIATES JOB MEASUREMENT TYPE: U.S. FOOT NOTES: EXCAVATED TO A DEPTH OF 3.15' FOUND A 10" C/I W. M. (JEA WATER & SEWER)		
COVER (BOTTOM) 3.98' ELEV (BOTTOM) N/A +/- 10" S	CORRESPONDS TO LOCATION # 60, FIND THE TEST HOLE REPRESENTATION IN THE SHEET (INSET B), OF BOULEVARD FORCE MAIN AND WATER MAIN REPLACEMENT, PLAN AND PROFILE, PROVIDED BY THE CLIENT STATION (±) N/A OFFSET: N/A		











VACUUM TEST HOLE REPORT

TEST HOLE NO.:

FRA JOB NO.: 2984

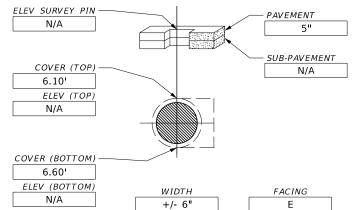
55

31

WORK ORDER NO.:

F.R. ALEMAN & ASSOCIATES

SUE SERVICES FOR BOULEVARD ST. WATER MAIN & FORCE MAIN REPLACEMENT FROM 7TH ST. W. TO W. 11TH ST. FORM BY: **HERNANDO** ASSISTED BY: EDUARDO LOCATE REQUESTED BY: R.E. HOLLAND & ASSOCIATES FORM CHECKED BY: I. MARTI REQUESTED LOCATE: NO. HOLES: DATE: 07/18/2019 TIME: SAN. 1 LOCATED UTILITY: SAN. UTILITY OWNER: JEA WATER & SEWER MATERIAL AS FOUND: **PLASTIC** PAVEMENT TYPE: **ASPHALT** SIZE AS FOUND: 6" UNK. PAVEMENT CONDITION: SIZE EXPECTED: GOOD UTILITY CONDITION: GOOD SOIL CONDITIONS: WET/SAND RIBBON INSTALLED: **GREEN** PROPOSED: WATER & SEWER IMPROVEMENTS INSTALLED: PK ELEV SURVEY PIN PAVEMENT N/A CROWN OF UTILITY AT:



JOB MEASUREMENT TYPE: U.S. FOOT

NOTES:
EXCAVATED TO A DEPTH OF 6.10'

SURVEY PIN LOCATED BY:

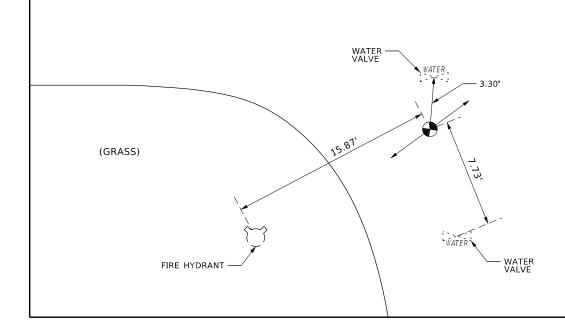
FOUND A 6" PLASTIC SAN. SEWER (JEA WATER & SEWER)

CORRESPONDS TO LOCATION # 61, FIND THE TEST HOLE REPRESENTATION IN THE SHEET (INSET B), OF BOULEVARD FORCE MAIN AND WATER MAIN REPLACEMENT, PLAN AND PROFILE, PROVIDED BY THE CLIENT

STATION (±) N/A OFFSET: N/A



W. 11TH ST. E. B. L.



BOULEVARD ST.



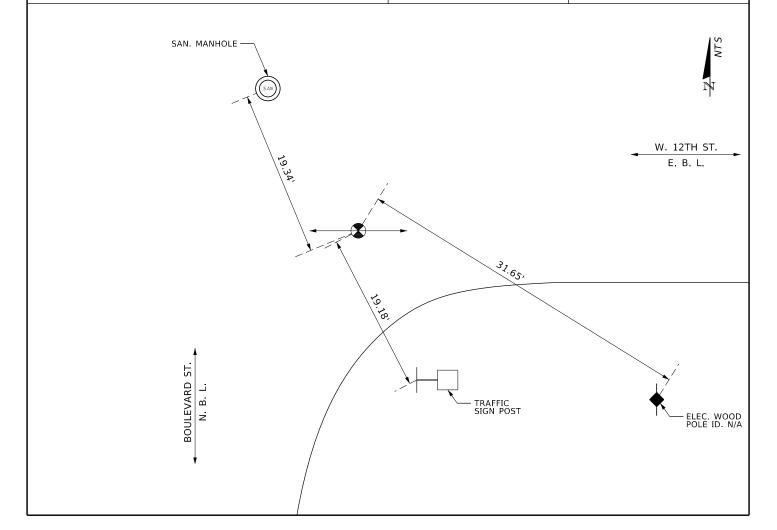
VACUUM TEST HOLE REPORT

TEST HOLE NO.:

FRA JOB NO.: 2984

WORK ORDER NO.: 31

PROJECT NAME: SUE SERVICES FOR BOULEVARD ST. WATER MAIN & FORCE MAIN REPLACEMENT FROM 7TH ST. W. TO W. 11TH ST.	N FORM BY: JERALD ASSISTED BY: OMAR		
LOCATE REQUESTED BY: R.E. HOLLAND & ASSOCIATES	FORM CHECKED BY: I. MARTI		
REQUESTED LOCATE: WATER	NO. HOLES: 1 DATE: 07/18/2019 TIME: -		
LOCATED UTILITY: WATER	UTILITY OWNER: JEA WATER & SEWER		
MATERIAL AS FOUND: PVC	PAVEMENT TYPE: ASPHALT		
SIZE AS FOUND: 6" SIZE EXPECTED: 2"	PAVEMENT CONDITION: GOOD		
UTILITY CONDITION: GOOD	SOIL CONDITIONS: HARD		
RIBBON INSTALLED: BLUE	PROPOSED: WATER & SEWER IMPROVEMENTS		
ELEV SURVEY PIN N/A 6" SUB-PAVEMENT	INSTALLED: PK AT: CROWN OF UTILITY SURVEY PIN LOCATED BY: F.R. ALEMAN & ASSOCIATES		
COVER (TOP) N/A N/A	JOB MEASUREMENT TYPE: U.S. FOOT		
ELEV (TOP) N/A	NOTES: EXCAVATED TO A DEPTH OF 2.53' FOUND A 6" PVC W. M. (JEA WATER & SEWER)		
COVER (BOTTOM) 3.03' ELEV (BOTTOM) WIDTH FACING	CORRESPONDS TO LOCATION # 62, FIND THE TEST HOLE REPRESENTATION IN THE SHEET NO. 7, OF BOULEVARD FORCE MAIN AND WATER MAIN REPLACEMENT, PLAN AND PROFILE, PROVIDED BY THE CLIENT		
N/A +/- 6" E	STATION (±) N/A OFFSET: N/A		



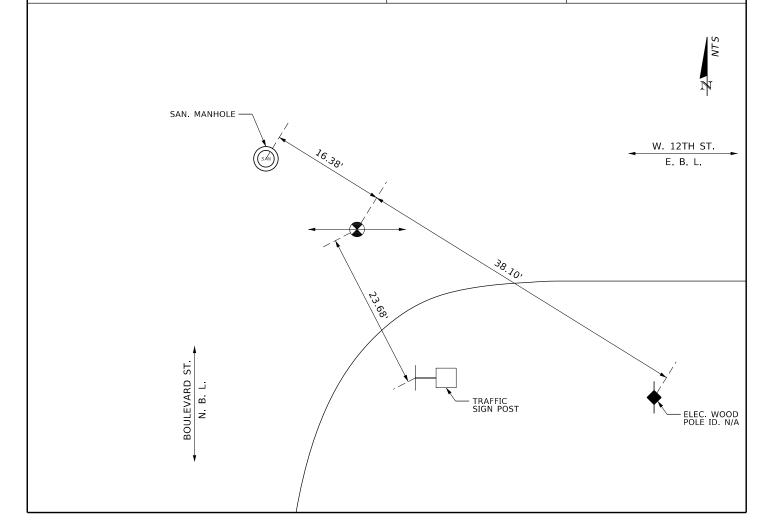


VACUUM TEST HOLE REPORT

TEST HOLE NO.: 57
FRA JOB NO.: 2984

WORK ORDER NO .:

PROJECT NAME: SUE SERVICES FOR BOULEVARD ST. WATER MAIN & FORCE MAIN REPLACEMENT FROM 7TH ST. W. TO W. 11TH ST.	FORM BY: JERALD ASSISTED BY: OMAR			
LOCATE REQUESTED BY: R.E. HOLLAND & ASSOCIATES	FORM CHECKED BY: I. MARTI			
REQUESTED LOCATE: UNK.	NO. HOLES: 1 DATE: 07/17/2019 TIME: -			
LOCATED UTILITY: FOC	UTILITY OWNER: AT&T			
MATERIAL AS FOUND: PLASTIC	PAVEMENT TYPE: ASPHALT			
SIZE AS FOUND: 2" SIZE EXPECTED: UNK.	PAVEMENT CONDITION: GOOD			
UTILITY CONDITION: GOOD	SOIL CONDITIONS: HARD			
RIBBON INSTALLED: ORANGE	PROPOSED: WATER & SEWER IMPROVEMENTS			
ELEV SURVEY PIN N/A 6"	INSTALLED: PK AT: CROWN OF UTILITY SURVEY PIN LOCATED BY: F.R. ALEMAN & ASSOCIATES			
COVER (TOP) 2.57' SUB-PAVEMENT N/A	JOB MEASUREMENT TYPE: U.S. FOOT			
N/A	NOTES: EXCAVATED TO A DEPTH OF 2.57' FOUND A 2" PLASTIC FOC (AT&T)			
COVER (BOTTOM) 2.74' ELEV (BOTTOM) WIDTH FACING	CORRESPONDS TO LOCATION # 63, FIND THE TEST HOLE REPRESENTATION IN THE SHEET NO. 7, OF BOULEVARD FORCE MAIN AND WATER MAIN REPLACEMENT, PLAN AND PROFILE, PROVIDED BY THE CLIENT			
N/A +/- 2" E	STATION (±) N/A OFFSET: N/A			



FRALEMAN

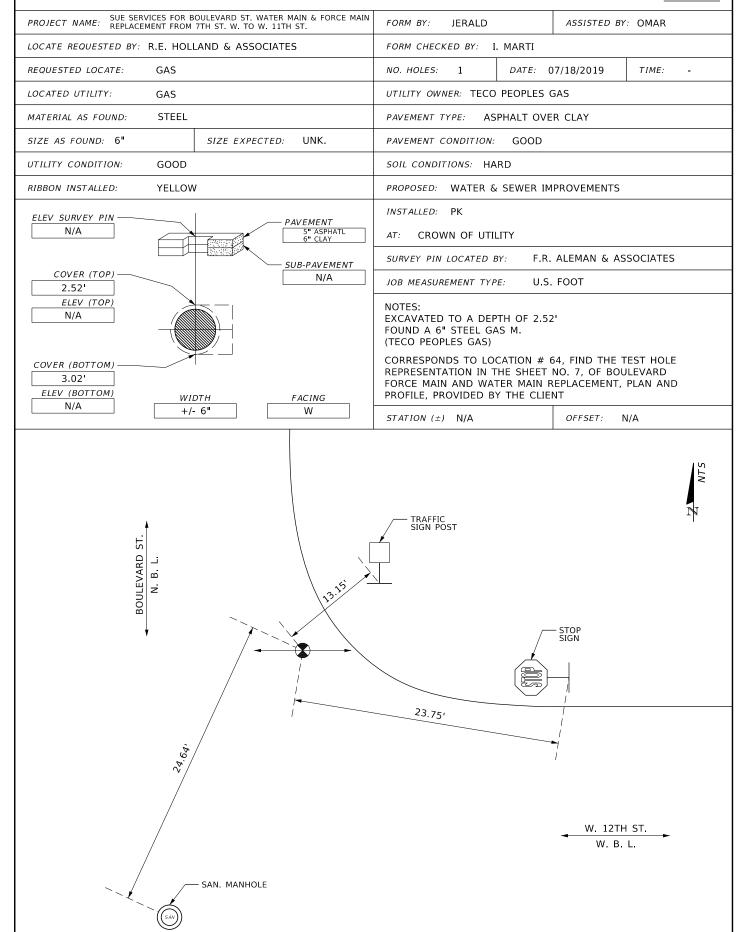
CONSULTING ENGINEERS & SURVEYORS
6196 LAKE GRAY BLVD., STE. 101, JACKSONVILLE, FL 32244

VACUUM TEST HOLE REPORT

TEST HOLE NO.: 58

FRA JOB NO.: 2984

WORK ORDER NO.:





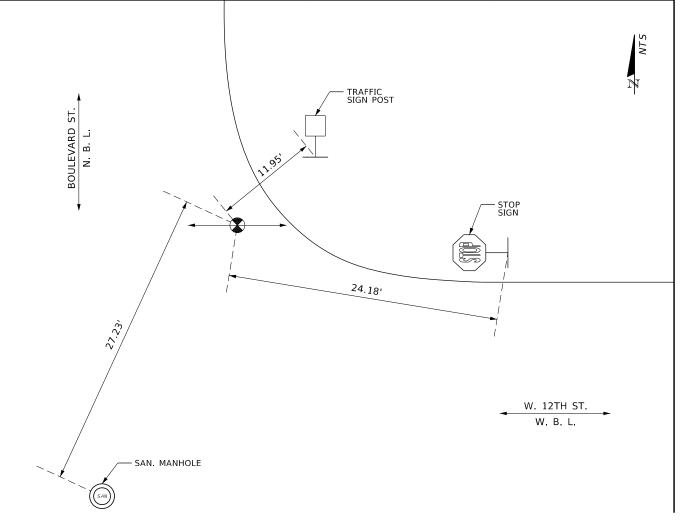
VACUUM TEST HOLE REPORT

TEST HOLE NO.: 59

FRA JOB NO.: 2984

WORK ORDER NO.: 31

PROJECT NAME: SUE SERVICES FOR BOULEVARD ST. WATER MAIN & FORCE MAIN REPLACEMENT FROM 7TH ST. W. TO W. 11TH ST. FORM BY: ASSISTED BY: OMAR **JERALD** LOCATE REQUESTED BY: R.E. HOLLAND & ASSOCIATES FORM CHECKED BY: I. MARTI **ELECTRIC** REQUESTED LOCATE: NO. HOLES: 1 DATE: 07/18/2019 TIME: LOCATED UTILITY: **ELECTRIC** UTILITY OWNER: JEA PVC MATERIAL AS FOUND: PAVEMENT TYPE: ASPHALT OVER CLAY SIZE AS FOUND: 6" SIZE EXPECTED: PAVEMENT CONDITION: GOOD UTILITY CONDITION: GOOD SOIL CONDITIONS: HARD RIBBON INSTALLED: RED PROPOSED: WATER & SEWER IMPROVEMENTS INSTALLED: PK ELEV SURVEY PIN PAVEMENT N/A 5" ASPHATL 6" CLAY CROWN OF UTILITY AT: F.R. ALEMAN & ASSOCIATES SURVEY PIN LOCATED BY: SUB-PAVEMENT COVER (TOP) N/A JOB MEASUREMENT TYPE: U.S. FOOT 6.25 ELEV (TOP) NOTES: N/A EXCAVATED TO A DEPTH OF 6.25' FOUND A 6" PVC ELEC. LINE CORRESPONDS TO LOCATION # 65, FIND THE TEST HOLE COVER (BOTTOM) REPRESENTATION IN THE SHEET NO. 7, OF BOULEVARD 6.75 FORCE MAIN AND WATER MAIN REPLACEMENT, PLAN AND ELEV (BOTTOM) PROFILE, PROVIDED BY THE CLIENT WIDTH FACING N/A +/- 6" W STATION (±) N/A OFFSET: N/A





VACUUM TEST HOLE REPORT

TEST HOLE NO.: 60
FRA JOB NO.: 2984

WORK ORDER NO .:

PROJECT NAME: SUE SERVICES FOR BOULEVARD ST. WATER MAIN & FORCE MAIN REPLACEMENT FROM 7TH ST. W. TO W. 11TH ST.		FORM BY: HERNANDO ASSISTED BY: EDUARDO			
LOCATE REQUESTED BY: R.E. HOLLAND & ASSOCIATES		FORM CHECKED BY: I. MARTI			
REQUESTED LOCATE: STORM		NO. HOLES: 1 DATE: 07/18/2019 TIME: -			
LOCATED UTILITY: STORM		UTILITY OWNER: JEA WATER & SEWER			
MATERIAL AS FOUND: RCP		PAVEMENT TYPE: #	ASPHALT		
SIZE AS FOUND: 42"	SIZE EXPECTED: UNK.	PAVEMENT CONDITION	v: GOOD		
JTILITY CONDITION: GOOD		SOIL CONDITIONS: V	VET/SAND		
RIBBON INSTALLED: GREEN		PROPOSED: WATER	& SEWER IM	PROVEMENT	-S
COVER (TOP) 6.90' ELEV (TOP) N/A COVER (BOTTOM) 10.40' ELEV (BOTTOM)	PAVEMENT 6" SUB-PAVEMENT N/A PACING	INSTALLED: PK AT: CROWN OF UT SURVEY PIN LOCATED JOB MEASUREMENT TO NOTES: EXCAVATED TO A DI FOUND A 42" RCP S (JEA WATER & SEWE CORRESPONDS TO L REPRESENTATION IN FORCE MAIN AND W PROFILE, PROVIDED	EPTH OF 6.90 TORM SEWER ER) OCATION # 6 THE SHEET	FOOT 66, FIND THE NO. 8, OF B EPLACEMEN	OULEVARD
NI/A	42" E	STATION (±) N/A		OFFSET:	11.23' LT
STORM MANHOLE	BOULEVARD ST.		11.23'		TRAFFIC SIGN
					SIGN



& ASSOCIATES, ITIC.
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VACUUM TEST HOLE REPORT

TEST HOLE NO.:

FRA JOB NO.: 2984
WORK ORDER NO.: 31

61

PROJECT NAME: SUE SERVICES FOR BOULEVARD ST. WATER MAIN & FORCE MAIN REPLACEMENT FROM 7TH ST. W. TO W. 11TH ST. FORM BY: **HERNANDO** ASSISTED BY: EDUARDO LOCATE REQUESTED BY: R.E. HOLLAND & ASSOCIATES FORM CHECKED BY: I. MARTI REQUESTED LOCATE: SAN. NO. HOLES: 1 DATE: 07/18/2019 TIME: LOCATED UTILITY: UTILITY OWNER: JEA WATER & SEWER SAN. **PLASTIC** MATERIAL AS FOUND: PAVEMENT TYPE: **ASPHALT** SIZE AS FOUND: 6" SIZE EXPECTED: UNK. PAVEMENT CONDITION: GOOD UTILITY CONDITION: GOOD SOIL CONDITIONS: MOIST/SAND RIBBON INSTALLED: **GREEN** PROPOSED: WATER & SEWER IMPROVEMENTS INSTALLED: ELEV SURVEY PIN PAVEMENT N/A CROWN OF UTILITY 6" AT: SURVEY PIN LOCATED BY: F.R. ALEMAN & ASSOCIATES SUB-PAVEMENT COVER (TOP) N/A JOB MEASUREMENT TYPE: U.S. FOOT 8.20 ELEV (TOP) NOTES: N/A EXCAVATED TO A DEPTH OF 8.20' FOUND A 6" PLASTIC SAN. SEWER (JEA WATER & SEWER) CORRESPONDS TO LOCATION # 67, FIND THE TEST HOLE COVER (BOTTOM) REPRESENTATION IN THE SHEET NO. 8, OF BOULEVARD 8 70 FORCE MAIN AND WATER MAIN REPLACEMENT, PLAN AND ELEV (BOTTOM) PROFILE, PROVIDED BY THE CLIENT WIDTH FACING N/A +/- 6" ΝE STATION (±) N/A OFFSET: 12.27' LT NTS E. O. P. 12.27 12.84 SAN. MANHOLE ELEC. WOOD POLE ID. N/A BOULEVARD ST BOULEVARD ST. N B L



VACUUM TEST HOLE REPORT

TEST HOLE NO.: 62 2984 FRA JOB NO.:

WORK ORDER NO .:

PROJECT NAME: SUE SERVICES FOR BOULEVARD ST. WATER MAIN & FOR REPLACEMENT FROM 7TH ST. W. TO W. 11TH ST.	RCE MAIN FORM BY: HERNANDO ASSISTED BY: EDUARDO
LOCATE REQUESTED BY: R.E. HOLLAND & ASSOCIATES	FORM CHECKED BY: I. MARTI
REQUESTED LOCATE: ELECTRIC	NO. HOLES: 1 DATE: 07/18/2019 TIME: -
LOCATED UTILITY: ELECTRIC	UTILITY OWNER: JEA
MATERIAL AS FOUND: STEEL	PAVEMENT TYPE: ASPHALT
SIZE AS FOUND: 8" SIZE EXPECTED: UNK.	PAVEMENT CONDITION: GOOD
UTILITY CONDITION: GOOD	SOIL CONDITIONS: MOIST/SAND
RIBBON INSTALLED: RED	PROPOSED: WATER & SEWER IMPROVEMENTS
ELEV SURVEY PIN	INSTALLED: PK
N/A PAVEMENT	
SUB-PAVE	SURVEY PIN LOCATED BY: F.R. ALEMAN & ASSOCIATES
COVER (TOP) 6" BRI	
6.05' ELEV (TOP)	NOTES:
N/A	EXCAVATED TO A DEPTH OF 6.05' FOUND A 8" STEEL ELEC. LINE
	(JEA)
COVER (BOTTOM)	CORRESPONDS TO LOCATION # 68, FIND THE TEST HOLE REPRESENTATION IN THE SHEET NO. 8, OF BOULEVARD
6.72' ELEV (BOTTOM) WIDTH FACING	FORCE MAIN AND WATER MAIN REPLACEMENT, PLAN AND PROFILE, PROVIDED BY THE CLIENT
N/A +/- 8" N	STATION (±) N/A OFFSET: 9.60' LT
BOULEVARD ST.	BOULEVARD ST. N. B. L. F. O. b.



VACUUM TEST HOLE REPORT

TEST HOLE NO.: 63
FRA JOB NO.: 2984

WORK ORDER NO.:

PROJECT NAME: SUE SERVICES FOR BO	OULEVARD ST. WATER MAIN & FORCE MAIN 7TH ST. W. TO W. 11TH ST.	FORM BY: HERNANDO ASSISTED BY: EDUARDO			
LOCATE REQUESTED BY: R.E. HOLLAND & ASSOCIATES		FORM CHECKED BY: I. MARTI			
REQUESTED LOCATE: WATER		NO. HOLES: 1 DATE: 07/18/2019 TIME: -			
LOCATED UTILITY: WATER		UTILITY OWNER: JEA WATER & SEWER			
MATERIAL AS FOUND: PVC		PAVEMENT TYPE: ASPHALT			
SIZE AS FOUND: 10"	SIZE EXPECTED: UNK.	PAVEMENT CONDITION: GOOD			
UTILITY CONDITION: GOOD		SOIL CONDITIONS: MOIST/SAND			
RIBBON INSTALLED: BLUE		PROPOSED: WATER & SEWER IMPROVEMENTS			
COVER (TOP) 4.30' ELEV (TOP) N/A COVER (BOTTOM) 5.11'	PAVEMENT 6" SUB-PAVEMENT N/A	INSTALLED: PK AT: CROWN OF UTILITY SURVEY PIN LOCATED BY: F.R. ALEMAN & ASSOCIATES JOB MEASUREMENT TYPE: U.S. FOOT NOTES: EXCAVATED TO A DEPTH OF 4.30' FOUND A 10" PVC W. M. (JEA WATER & SEWER) CORRESPONDS TO LOCATION # 69, FIND THE TEST HOLE REPRESENTATION IN THE SHEET NO. 8, OF BOULEVARD FORCE MAIN AND WATER MAIN REPLACEMENT, PLAN AND			
ELEV (BOTTOM) WID		PROFILE, PROVIDED BY THE CLIENT STATION (±) N/A OFFSET: 11.80' LT			
	→	1.60' 11.80' E. O. P.			
	BOULEVARD ST	N. B. L.			



VACUUM TEST HOLE REPORT

FRA JOB NO.: 2984

WORK ORDER NO .:

31

SUE SERVICES FOR BOULEVARD ST. WATER MAIN & FORCE MAIN REPLACEMENT FROM 7TH ST. W. TO W. 11TH ST. PROJECT NAME: FORM BY: **HERNANDO** ASSISTED BY: EDUARDO LOCATE REQUESTED BY: R.E. HOLLAND & ASSOCIATES FORM CHECKED BY: I. MARTI REQUESTED LOCATE: **STORM** NO. HOLES: 1 DATE: 07/18/2019 TIME: LOCATED UTILITY: **STORM** UTILITY OWNER: JEA WATER & SEWER MATERIAL AS FOUND: RCP PAVEMENT TYPE: **ASPHALT** SIZE AS FOUND: 15" SIZE EXPECTED: UNK. PAVEMENT CONDITION: GOOD UTILITY CONDITION: N/A SOIL CONDITIONS: MOIST/SAND RIBBON INSTALLED: **GREEN** PROPOSED: WATER & SEWER IMPROVEMENTS INSTALLED: PK ELEV SURVEY PIN PAVEMENT N/A CROWN OF UTILITY 6" SURVEY PIN LOCATED BY: F.R. ALEMAN & ASSOCIATES SUB-PAVEMENT COVER (TOP) 6" BRICKS U.S. FOOT JOB MEASUREMENT TYPE: 2.50 ELEV (TOP) NOTES: N/A EXCAVATED TO A DEPTH OF 2.50' FOUND A 15" RCP STORM SEWER (JEA WATER & SEWER) CORRESPONDS TO LOCATION # 70, FIND THE TEST HOLE COVER (BOTTOM) REPRESENTATION IN THE SHEET NO. 8, OF BOULEVARD 3.75 FORCE MAIN AND WATER MAIN REPLACEMENT, PLAN AND ELEV (BOTTOM) PROFILE, PROVIDED BY THE CLIENT WIDTH **FACING** N/A +/- 15" Е STATION (±) N/A OFFSET: 11.50 LT Ž 2.00 11.50 E. O. P. ELEC WOOD POLE ID, N/A BOULEVARD ST. BOULEVARD ST. ď ż



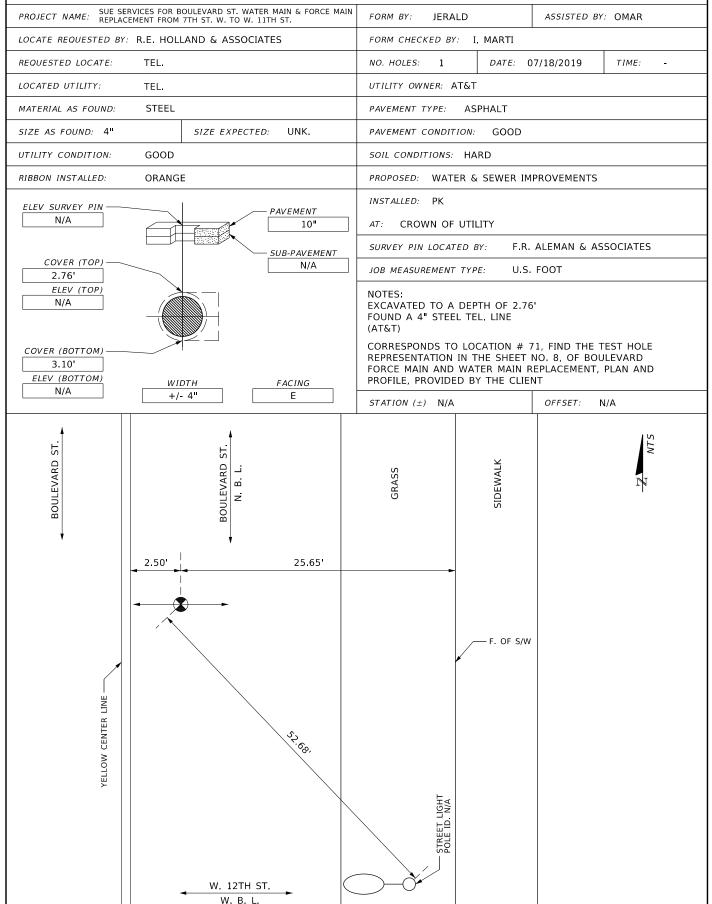
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VACUUM TEST HOLE REPORT

TEST HOLE NO .:

65 2984

FRA JOB NO.: WORK ORDER NO .: 31 6196 LAKE GRAY BLVD., STE. 101, JACKSONVILLE, FL 32244





VACUUM TEST HOLE REPORT

TEST HOLE NO .: FRA JOB NO.: 2984

WORK ORDER NO .:

31

66

SUE SERVICES FOR BOULEVARD ST. WATER MAIN & FORCE MAIN REPLACEMENT FROM 7TH ST. W. TO W. 11TH ST. PROJECT NAME: FORM BY: **JERALD** ASSISTED BY: OMAR LOCATE REQUESTED BY: R.E. HOLLAND & ASSOCIATES FORM CHECKED BY: I. MARTI REQUESTED LOCATE: **ELECTRIC** NO. HOLES: 1 DATE: 07/18/2019 TIME: LOCATED UTILITY: **ELECTRIC** UTILITY OWNER: JEA MATERIAL AS FOUND: WRAP-STEEL PAVEMENT TYPE: **ASPHALT** 8" SIZE AS FOUND: 8" SIZE EXPECTED: GOOD PAVEMENT CONDITION: UTILITY CONDITION: GOOD SOIL CONDITIONS: HARD RIBBON INSTALLED: RED PROPOSED: WATER & SEWER IMPROVEMENTS INSTALLED: PK ELEV SURVEY PIN **PAVEMENT** N/A CROWN OF UTILITY 12" F.R. ALEMAN & ASSOCIATES SURVEY PIN LOCATED BY: SUB-PAVEMENT COVER (TOP) N/A JOB MEASUREMENT TYPE: U.S. FOOT 4.92 ELEV (TOP) NOTES: N/A EXCAVATED TO A DEPTH OF 4.92' FOUND A 8" WRAP-STEEL ELEC. LINE (JEA) CORRESPONDS TO LOCATION # 72, FIND THE TEST HOLE COVER (BOTTOM) REPRESENTATION IN THE SHEET NO. 8, OF BOULEVARD 5.60 FORCE MAIN AND WATER MAIN REPLACEMENT, PLAN AND ELEV (BOTTOM) PROFILE, PROVIDED BY THE CLIENT WIDTH FACING N/A +/- 8" Ν OFFSET: STATION (±) N/A N/A BOULEVARD ST. ST. BOULEVARD a ELEC. WOOD POLE ID. N/A z 33.^{A3} TRAFFIC SIGN POST YELLOW CENTER LINE 19.33 6.65 **DRIVEWAY** (W B L) (BUILDING NO. 2434)

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VACUUM TEST HOLE REPORT

TEST HOLE NO.: 67
FRA JOB NO.: 2984

WORK ORDER NO.: 2984

6196 LAKE GRAY BLVD., STE. 101, JACKSONVILLE, FL 32244	WORK ORDER NO.: 31		
PROJECT NAME: SUE SERVICES FOR BOULEVARD ST. WATER MAIN & FORCE MAIN REPLACEMENT FROM 7TH ST. W. TO W. 11TH ST.	FORM BY: JERALD ASSISTED BY: AARON & OMAR		
LOCATE REQUESTED BY: R.E. HOLLAND & ASSOCIATES	FORM CHECKED BY: I. MARTI		
REQUESTED LOCATE: ELECTRIC	NO. HOLES: 1 DATE: 07/18/2019 TIME: -		
LOCATED UTILITY: ELECTRIC	UTILITY OWNER: JEA		
MATERIAL AS FOUND: WRAP-STEEL	PAVEMENT TYPE: ASPHALT		
SIZE AS FOUND: 8" SIZE EXPECTED: 8"	PAVEMENT CONDITION: GOOD		
UTILITY CONDITION: GOOD	SOIL CONDITIONS: HARD		
RIBBON INSTALLED: RED	PROPOSED: WATER & SEWER IMPROVEMENTS		
ELEV SURVEY PIN N/A 10" SUB-PAVEMENT N/A 4.93' ELEV (TOP)	INSTALLED: PK AT: CROWN OF UTILITY SURVEY PIN LOCATED BY: F.R. ALEMAN & ASSOCIATES JOB MEASUREMENT TYPE: U.S. FOOT NOTES:		
COVER (BOTTOM) 5.61' ELEV (BOTTOM) N/A WIDTH FACING	EXCAVATED TO A DEPTH OF 4.93' FOUND A 8" WRAP-STEEL ELEC. LINE (JEA) CORRESPONDS TO LOCATION # 73, FIND THE TEST HOLE REPRESENTATION IN THE SHEET NO. 8, OF BOULEVARD FORCE MAIN AND WATER MAIN REPLACEMENT, PLAN AND PROFILE, PROVIDED BY THE CLIENT		
+/- 8" N	STATION (±) N/A OFFSET: N/A		
BOULEVARD ST. N. B. L. N. B. L.	31.70' Se 20. ELEC. WOOD POLE ID. N/A		
BOULE	DRIVEWAY		
BOULE	DRIVEWAY (W. B. L.) (BUILDING NO. 2434)		



VACUUM TEST HOLE REPORT

TEST HOLE NO.: 68 2984 FRA JOB NO.:

WORK ORDER NO .:

PROJECT NAME: SUE SERVICES FOR REPLACEMENT FROM	BOULEVARD ST. WATER MAIN & FORCE MAIN M 7TH ST. W. TO W. 11TH ST.	FORM BY: JERALD	ASSISTED BY	: AARON & OMAR
LOCATE REQUESTED BY: R.E. HO	LLAND & ASSOCIATES	FORM CHECKED BY: I. MARTI		
REQUESTED LOCATE: ELECT	RIC	NO. HOLES: 1 DATE:	07/18/2019	TIME: -
LOCATED UTILITY: ELECT	RIC	UTILITY OWNER: JEA		
MATERIAL AS FOUND: WRAP	-STEEL	PAVEMENT TYPE: ASPHALT		
SIZE AS FOUND: 8"	SIZE EXPECTED: 8"	PAVEMENT CONDITION: GOOI	D	
UTILITY CONDITION: GOOD		SOIL CONDITIONS: HARD		
RIBBON INSTALLED: RED		PROPOSED: WATER & SEWER	IMPROVEMENTS	
ELEV SURVEY PIN —	PAVEMENT	INSTALLED: PK		
N/A	10"	AT: CROWN OF UTILITY		
	SUB-PAVEMENT	SURVEY PIN LOCATED BY: F.R. ALEMAN & ASSOCIATES		
5,05'	N/A	JOB MEASUREMENT TYPE: L	J.S. FOOT	
ELEV (TOP)		NOTES:		
N/A		EXCAVATED TO A DEPTH OF 5 FOUND A 8" WRAP-STEEL ELEC		
		(JEA) CORRESPONDS TO LOCATION	# 74 EIND THE 3	TEST HOLE
COVER (BOTTOM) 5.73'		REPRESENTATION IN THE SHEI	ET NO. 9, OF BOL	JLEVARD
ELEV (BOTTOM) N/A	VIDTH FACING	FORCE MAIN AND WATER MAIN PROFILE, PROVIDED BY THE C		PLAN AND
+	·/- 8" N	STATION (±) N/A	OFFSET:	N/A
		RAIL ROAD (E/W B.)		NTS
				H
LINE	5.81'	3'		
TER L				
YELLOW CENTER			F. OF S/W	
l III			/	
↓				
			/ALK	
	A	67.16	SIDEWALK	
ST.	T.S		S	
BOULEVARD ST.	BOULEVARD ST. N. B. L.			
))))	OLEV N-			
	BO			
'	•			
		STREET LIGHT — POLE ID. N/A		
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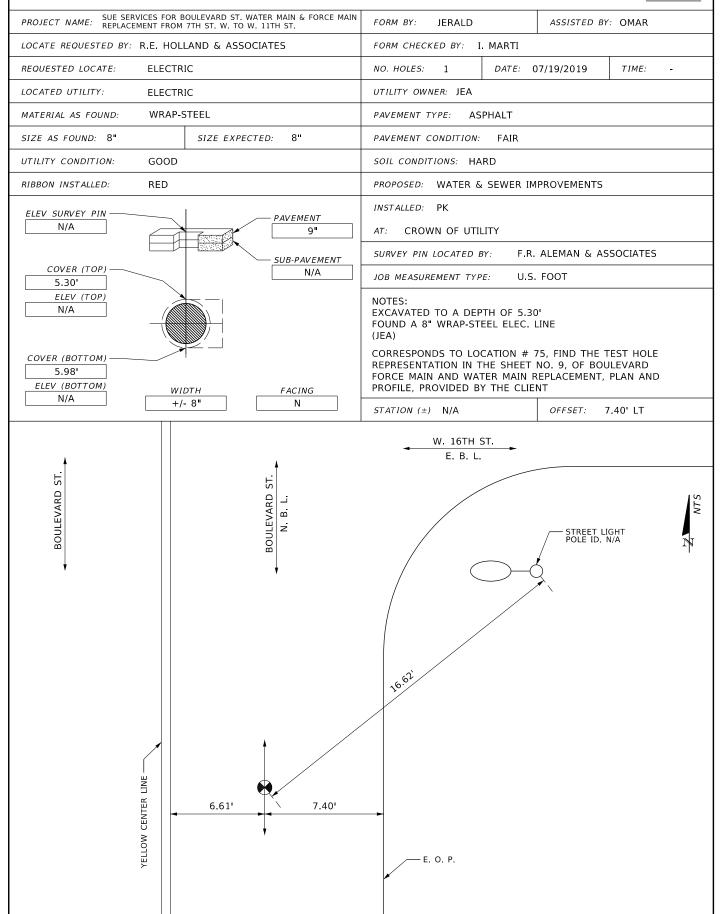
VACUUM TEST HOLE REPORT

TEST HOLE NO .:

FRA JOB NO .: 2984

69

WORK ORDER NO .:



VACUUM TEST HOLE REPORT

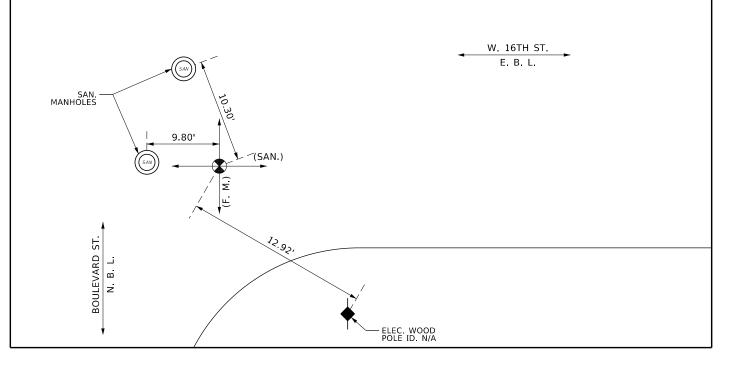
70 TEST HOLE NO .: FRA JOB NO.: 2984

WORK ORDER NO .:

31

PROJECT NAME: SUE SERVICES FOR BOULEVARD ST. WATER MAIN & FORCE MAIN REPLACEMENT FROM 7TH ST. W. TO W. 11TH ST. FORM BY: HERNANDO ASSISTED BY: EDUARDO LOCATE REQUESTED BY: R.E. HOLLAND & ASSOCIATES FORM CHECKED BY: I. MARTI FORCE MAIN TIME: REQUESTED LOCATE: NO. HOLES: 1 DATE: 07/19/2019 LOCATED UTILITY: UTILITY OWNER: UNK. UNK. C/I MATERIAL AS FOUND: PAVEMENT TYPE: ASPHALT SIZE AS FOUND: 6" SIZE EXPECTED: PAVEMENT CONDITION: GOOD GOOD UTILITY CONDITION: SOIL CONDITIONS: MOIST/SAND RIBBON INSTALLED: PINK PROPOSED: WATER & SEWER IMPROVEMENTS INSTALLED: PΚ ELEV SURVEY PIN PAVEMENT N/A CROWN OF UTILITY 6" AT: SURVEY PIN LOCATED BY: F.R. ALEMAN & ASSOCIATES SUB-PAVEMENT COVER (TOP) N/A U.S. FOOT JOB MEASUREMENT TYPE: 1.87 ELEV (TOP) NOTES: EXCAVATED TO A DEPTH OF 10.00' N/A FOUND A 6" C/I UNK. LINE TO A DEPTH OF 1.87' ALSO, FOUND A 12" SAN. SEWER, RUNNING E. 12" SAN. SEWER COVER (TOP) = 8.10' TO A DEPTH OF 8.10' CORRESPONDS TO LOCATION # 78, FIND THE TEST HOLE COVER (BOTTOM) REPRESENTATION IN THE SHEET (INSET C), OF BOULEVARD 2.37 FORCE MAIN AND WATER MAIN REPLACEMENT, PLAN AND ELEV (BOTTOM) WIDTH **FACING** PROFILE, PROVIDED BY THE CLIENT N/A +/- 6" Ν STATION (±) N/A OFFSET: N/A







VACUUM TEST HOLE REPORT

TEST HOLE NO.: 71 FRA JOB NO.: 2984

WORK ORDER NO .:

31

SUE SERVICES FOR BOULEVARD ST. WATER MAIN & FORCE MAIN REPLACEMENT FROM 7TH ST. W. TO W. 11TH ST. PROJECT NAME: FORM BY: **JERALD** ASSISTED BY: OMAR LOCATE REQUESTED BY: R.E. HOLLAND & ASSOCIATES FORM CHECKED BY: I. MARTI REQUESTED LOCATE: FORCE MAIN NO. HOLES: 1 DATE: 07/19/2019 TIME: LOCATED UTILITY: UNK. UTILITY OWNER: UNK. MATERIAL AS FOUND: C/I PAVEMENT TYPE: **ASPHALT** 14" SIZE AS FOUND: 6" SIZE EXPECTED: PAVEMENT CONDITION: FAIR UTILITY CONDITION: **POOR** SOIL CONDITIONS: HARD RIBBON INSTALLED: PINK PROPOSED: WATER & SEWER IMPROVEMENTS INSTALLED: PK ELEV SURVEY PIN PAVEMENT N/A 9" AT: CROWN OF UTILITY F.R. ALEMAN & ASSOCIATES SURVEY PIN LOCATED BY: SUB-PAVEMENT COVER (TOP) N/A U.S. FOOT JOB MEASUREMENT TYPE: 1.25 ELEV (TOP) NOTES: N/A EXCAVATED TO A DEPTH OF 1.25' FOUND A 6" C/I UNK. LINE CORRESPONDS TO LOCATION # 77, FIND THE TEST HOLE COVER (BOTTOM) REPRESENTATION IN THE SHEET (INSET C), OF BOULEVARD 1.75 FORCE MAIN AND WATER MAIN REPLACEMENT, PLAN AND PROFILE, PROVIDED BY THE CLIENT ELEV (BOTTOM) WIDTH **FACING** N/A 0.50 NW&SE STATION (\pm) N/A OFFSET: 3.50 W. 16TH ST. E. B. L. ST BOULEVARD STREET LIGHT POLE ID. N/A œ. z *YELLOW CENTER LINE* 10.50 3.50 - E. O. P.



VACUUM TEST HOLE REPORT

TEST HOLE NO.: _

FRA JOB NO.: 2984

WORK ORDER NO.:

O.: 31

72

SUE SERVICES FOR BOULEVARD ST. WATER MAIN & FORCE MAIN REPLACEMENT FROM 7TH ST. W. TO W. 11TH ST. FORM BY: HERNANDO ASSISTED BY: EDUARDO LOCATE REQUESTED BY: R.E. HOLLAND & ASSOCIATES FORM CHECKED BY: I. MARTI REQUESTED LOCATE: SAN. NO. HOLES: DATE: 07/19/2019 TIME: LOCATED UTILITY: UTILITY OWNER: JEA WATER & SEWER SAN. TERRA COTTA MATERIAL AS FOUND: PAVEMENT TYPE: ASPHALT SIZE AS FOUND: 12" SIZE EXPECTED: UNK. PAVEMENT CONDITION: GOOD UTILITY CONDITION: GOOD SOIL CONDITIONS: MOIST/SAND RIBBON INSTALLED: **GREEN** PROPOSED: WATER & SEWER IMPROVEMENTS INSTALLED: PK ELEV SURVEY PIN **PAVEMENT** N/A 6" CROWN OF UTILITY F.R. ALEMAN & ASSOCIATES SURVEY PIN LOCATED BY: SUB-PAVEMENT COVER (TOP) N/A JOB MEASUREMENT TYPE: U.S. FOOT 8 05 ELEV (TOP) NOTES: N/A EXCAVATED TO A DEPTH OF 8.05' FOUND A 12" TERRA COTTA SAN. SEWER (JEA WATER & SEWER) CORRESPONDS TO LOCATION # 78, FIND THE TEST HOLE COVER (BOTTOM) REPRESENTATION IN THE SHEET (INSET C), OF BOULEVARD 9.05 FORCE MAIN AND WATER MAIN REPLACEMENT, PLAN AND PROFILE, PROVIDED BY THE CLIENT ELEV (BOTTOM) WIDTH FACING N/A +/- 12" Ε STATION (±) N/A OFFSET: N/A W. 16TH ST. E. B. L. SAN. MANHOLES 4.00 17.00, ELEC WOOD POLE ID N/A BOULEVARD ST. m z

VACUUM TEST HOLE REPORT

TEST HOLE NO .:

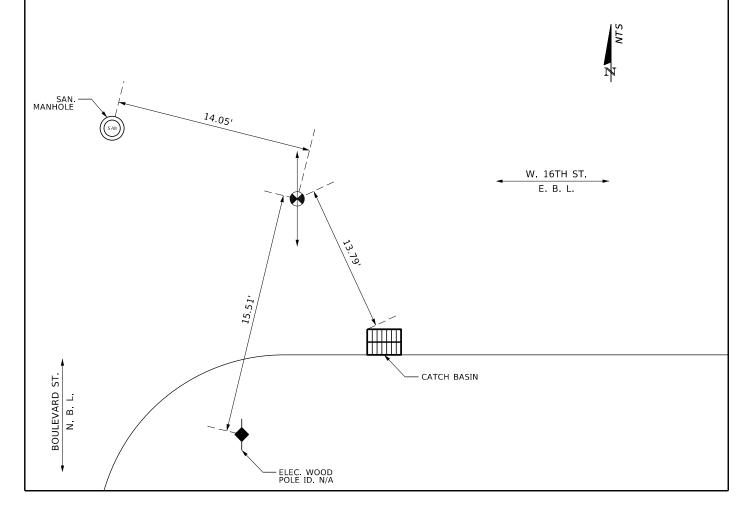
2984 FRA JOB NO .:

73

WORK ORDER NO .:

31

PROJECT NAME: SUE SERVICES FOR BOULEVARD ST. WATER MAIN & FORCE MAIN REPLACEMENT FROM 7TH ST. W. TO W. 11TH ST. FORM BY: **HERNANDO** ASSISTED BY: EDUARDO LOCATE REQUESTED BY: R.E. HOLLAND & ASSOCIATES FORM CHECKED BY: I. MARTI REQUESTED LOCATE: FOC NO. HOLES: DATE: 07/19/2019 TIME: LOCATED UTILITY: UTILITY OWNER: AT&T FOC MATERIAL AS FOUND: **PLASTIC** PAVEMENT TYPE: **ASPHALT** SIZE AS FOUND: 2" UNK. SIZE EXPECTED: PAVEMENT CONDITION: GOOD UTILITY CONDITION: GOOD SOIL CONDITIONS: MOIST/SAND WATER & SEWER IMPROVEMENTS RIBBON INSTALLED: **ORANGE** PROPOSED: INSTALLED: PK ELEV SURVEY PIN PAVEMENT N/A CROWN OF UTILITY SURVEY PIN LOCATED BY: F.R. ALEMAN & ASSOCIATES SUB-PAVEMENT COVER (TOP) N/A JOB MEASUREMENT TYPE: U.S. FOOT 12.67 ELEV (TOP) NOTES: N/A EXCAVATED TO A DEPTH OF 12.67' FOUND A 2" PLASTIC FOC LINE, (AT&T). UNABLE TO SEE UTILITY DUE TO ROCK, WATER & MUD. LOCATED BY AIRLANCE. CORRESPONDS TO LOCATION # 79, FIND THE TEST HOLE COVER (BOTTOM) REPRESENTATION IN THE SHEET (INSET C), OF BOULEVARD 12.83 FORCE MAIN AND WATER MAIN REPLACEMENT, PLAN AND ELEV (BOTTOM) PROFILE, PROVIDED BY THE CLIENT WIDTH **FACING** N/A +/- 12" Ν OFFSET: STATION (±) N/A N/A



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COVER (BOTTOM)

2.69

N/A

ELEV (BOTTOM)

WIDTH

+/- 18"

VACUUM TEST HOLE REPORT

TEST HOLE NO.: 74

FRA JOB NO.: 2984

31

WORK ORDER NO .:

PROJECT NAME: SUE SERVICES FOR BOULEVARD ST. WATER MAIN & FORCE MAIN REPLACEMENT FROM 7TH ST. W. TO W. 11TH ST. FORM BY: **HERNANDO** ASSISTED BY: EDUARDO LOCATE REQUESTED BY: R.E. HOLLAND & ASSOCIATES FORM CHECKED BY: I. MARTI REQUESTED LOCATE: **STORM** NO. HOLES: DATE: 07/19/2019 TIME: LOCATED UTILITY: UTILITY OWNER: JEA WATER & SEWER **STORM RCP** MATERIAL AS FOUND: PAVEMENT TYPE: **ASPHALT** UNK. SIZE AS FOUND: 18" SIZE EXPECTED: PAVEMENT CONDITION: GOOD UTILITY CONDITION: GOOD SOIL CONDITIONS: MOIST/SAND RIBBON INSTALLED: GREEN PROPOSED: WATER & SEWER IMPROVEMENTS INSTALLED: PK ELEV SURVEY PIN **PAVEMENT** N/A CROWN OF UTILITY 6" F.R. ALEMAN & ASSOCIATES SURVEY PIN LOCATED BY: SUB-PAVEMENT COVER (TOP) N/A JOB MEASUREMENT TYPE: U.S. FOOT 1.19 ELEV (TOP) N/A EXCAVATED TO A DEPTH OF 1.19' FOUND A 18" RCP STORM. SEWER

FACING

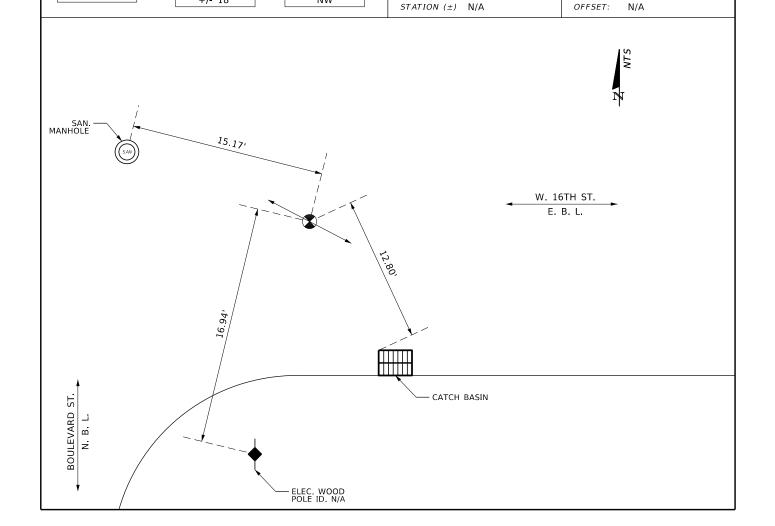
NW

(JEA WATER & SEWER)

PROFILE, PROVIDED BY THE CLIENT

CORRESPONDS TO LOCATION # 80, FIND THE TEST HOLE

REPRESENTATION IN THE SHEET (INSET C), OF BOULEVARD FORCE MAIN AND WATER MAIN REPLACEMENT, PLAN AND





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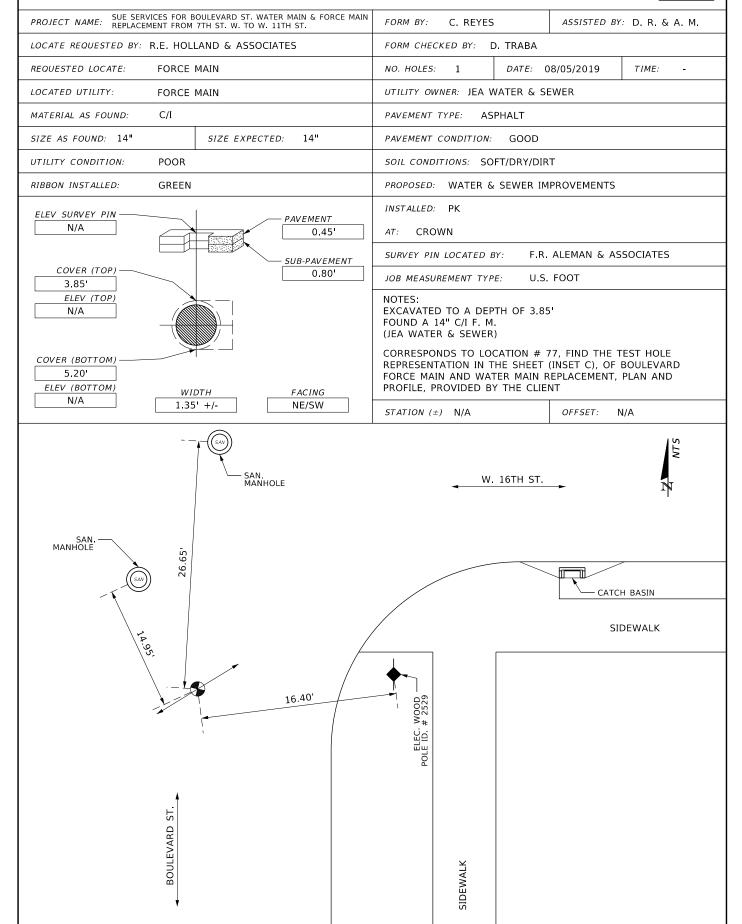
VACUUM TEST HOLE REPORT

TEST HOLE NO .:

FRA JOB NO.: 2984

75

31 WORK ORDER NO .:



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VACUUM TEST HOLE REPORT

 TEST HOLE NO.:
 38

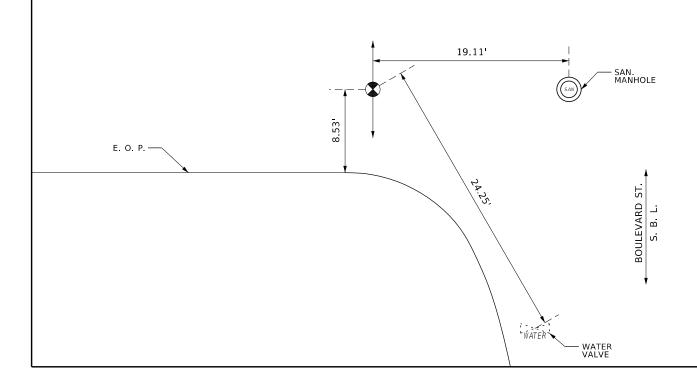
 FRA JOB NO.:
 2984

WORK ORDER NO.: 31

PROJECT NAME: SUE SERVICES FOR BOULEVARD ST. WATER MAIN & FORCE MAIN REPLACEMENT FROM 7TH ST. W. TO W. 11TH ST.	FORM BY: C. REYES ASSISTED BY: D. R. & A. M.		
LOCATE REQUESTED BY: R.E. HOLLAND & ASSOCIATES	FORM CHECKED BY: D. TRABA		
REQUESTED LOCATE: FORCE MAIN	NO. HOLES: 1 DATE: 11/27/2019 TIME: -		
LOCATED UTILITY: FORCE MAIN	UTILITY OWNER: JEA WATER & SEWER		
MATERIAL AS FOUND: C/I	PAVEMENT TYPE: ASPHALT OVER CONCRETE		
SIZE AS FOUND: 14" SIZE EXPECTED: 14"	PAVEMENT CONDITION: FAIR		
UTILITY CONDITION: GOOD	SOIL CONDITIONS: HARD		
RIBBON INSTALLED: GREEN	PROPOSED: WATER & SEWER IMPROVEMENTS		
ELEV SURVEY PIN N/A PAVEMENT 7 CONCRETE SUB-PAVEMENT N/A 3.91' ELEV (TOP)	INSTALLED: PK AT: CROWN OF UTILITY SURVEY PIN LOCATED BY: F.R. ALEMAN & ASSOCIATES JOB MEASUREMENT TYPE: U.S. FOOT		
N/A	NOTES: * EXCAVATED TO A DEPTH OF 3.91' RE-DUG TEST HOLE (11-27-2019), FOUND A 14" C/I F. M. (JEA WATER & SEWER)		
COVER (BOTTOM) 5.26' ELEV (BOTTOM) WIDTH FACING	* CORRESPONDS TO LOCATION # 44, FIND THE TEST HOLE REPRESENTATION IN THE SHEET (INSET A), OF BOULEVARD FORCE MAIN AND WATER MAIN REPLACEMENT, PLAN AND PROFILE, PROVIDED BY THE CLIENT		
N/A 1.35' S	STATION (±) N/A OFFSET: 8.53' RT		



W. 10TH ST.





VACUUM TEST HOLE REPORT

TEST HOLE NO.: 52

FRA JOB NO.: 2984

WORK ORDER NO.: 31

SUE SERVICES FOR BOULEVARD ST. WATER MAIN & FORCE MAIN REPLACEMENT FROM 7TH ST. W. TO W. 11TH ST. PROJECT NAME: FORM BY: C. REYES ASSISTED BY: D. R. & A. M. LOCATE REQUESTED BY: R.E. HOLLAND & ASSOCIATES D. TRABA FORM CHECKED BY: REQUESTED LOCATE: FORCE MAIN NO. HOLES: 1 DATE: 11/27/2019 TIME: LOCATED UTILITY: FORCE MAIN UTILITY OWNER: JEA WATER & SEWER C/I MATERIAL AS FOUND: PAVEMENT TYPE: **ASPHALT** SIZE AS FOUND: 14" SIZE EXPECTED: UNK. PAVEMENT CONDITION: GOOD UTILITY CONDITION: GOOD SOIL CONDITIONS: MOIST/SAND RIBBON INSTALLED: **GREEN** PROPOSED: WATER & SEWER IMPROVEMENTS INSTALLED: PΚ ELEV SURVEY PIN PAVEMENT N/A 6" CROWN OF UTILITY SURVEY PIN LOCATED BY: F.R. ALEMAN & ASSOCIATES SUB-PAVEMENT COVER (TOP) N/A JOB MEASUREMENT TYPE: U.S. FOOT 3.86 ELEV (TOP) NOTES: N/A * EXCAVATED TO A DEPTH OF 3.86' RE-DUG TEST HOLE (11-27-2019), FOUND A 14" C/I F. M. (JEA WATER & SEWER) * CORRESPONDS TO LOCATION # 58, FIND THE TEST HOLE COVER (BOTTOM) REPRESENTATION IN THE SHEET (INSET B), OF BOULEVARD 5.21 FORCE MAIN AND WATER MAIN REPLACEMENT, PLAN AND ELEV (BOTTOM) PROFILE, PROVIDED BY THE CLIENT WIDTH FACING N/A 1.35 S STATION (±) N/A OFFSET: N/A

