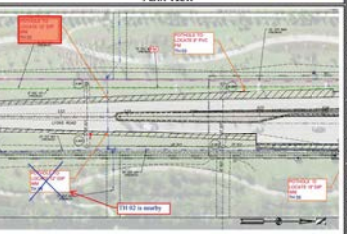
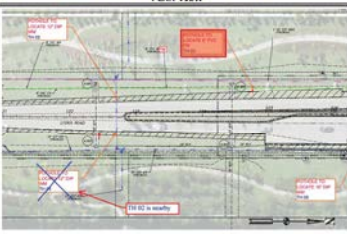
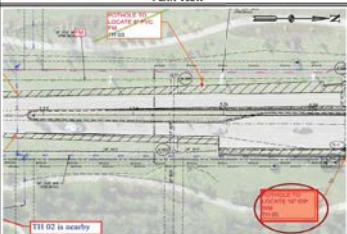
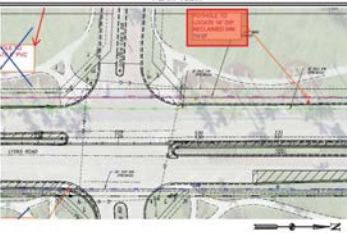


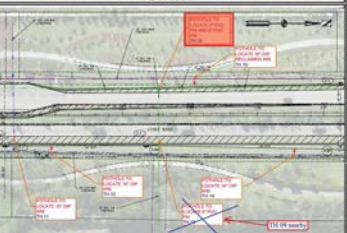
 A SURVEYING & MAPPING FIRM 5119 Beechwood Road, Delray Beach, FL 33484 Phone: 786-472-0358	TEST HOLE DATA FORM	
	Proj. No.: 24-099 Client Proj. No.: BOYNTON BEACH, FLORIDA Proj. City / State: PALM BEACH Country: LYONS & L-30 CANAL Project Name: LYONS ROAD Project Location: LYONS ROAD	Test Hole No.: TH1 Date Excavated: 10/29/2024 Truck No.: VACMASTER SUE Crew: AG, HR, EF Prepared By: KR Checked By: DR
IMAGES		
		
PLAN VIEW	UTILITIES FOUND	
	Size: 8 INCH Material (Type): PVC Type: FORCE MAIN Manual Depth: 4.25 FEET Direction: N/S Owner: PBC WUD Marked By: HR Thickness: N/A Type: NATURAL GROUND Soil Conditions: DRY OT & By: REBAR & CAP COORDINATES AT TOP OF UTILITY Northing: 783541.86 Easting: 921568.18 Elevation: 16.32 Datum: NAVD83 Units: US Survey Feet Metric	
NOTES:	(*) - UTILITY MATERIALS Duct: PE (Polyethylene Pipe) Lead: HDPE (High Density PE) Steel: VCP (Vitrified Clay Pipe) Copper: PVC (Polyvinyl Chloride) AC (Transite): DBC (Direct Buried Cable) CI (Cast Iron): CMP (Corrugated Metal Pipe) FG (Fiberglass): CPP (Corrugated Plastic Pipe) Conc. (Concrete): RCP (Reinforced Concrete Pipe) Unk. (Unknown): Other: Gals. (Galvanneal Pipe) DIP (Ductile Iron Pipe)	

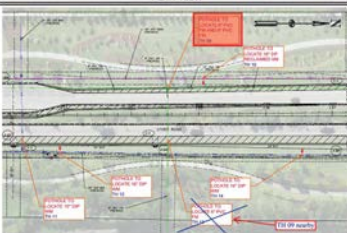
 A SURVEYING & MAPPING FIRM 5119 Beechwood Road, Delray Beach, FL 33484 Phone: 786-472-0358	TEST HOLE DATA FORM	
	Proj. No.: 24-099 Client Proj. No.: BOYNTON BEACH, FLORIDA Proj. City / State: PALM BEACH Country: LYONS & L-30 CANAL Project Name: LYONS ROAD Project Location: LYONS ROAD	Test Hole No.: TH2 Date Excavated: 10/29/2024 Truck No.: VACMASTER SUE Crew: AG, HR, EF Prepared By: KR Checked By: DR
IMAGES		
		
PLAN VIEW	UTILITIES FOUND	
	Size: 8 INCH Material (Type): DUCTILE IRON Type: WATER MAIN Manual Depth: 6.32 FEET Direction: S/W Owner: PBC WUD Marked By: HR Thickness: N/A Type: NATURAL GROUND Soil Conditions: SANDY OT & By: REBAR & CAP COORDINATES AT TOP OF UTILITY Northing: 782709.07 Easting: 921578.19 Elevation: 13.64 Datum: NAVD83 Units: US Survey Feet Metric	
NOTES:	(*) - UTILITY MATERIALS Duct: PE (Polyethylene Pipe) Lead: HDPE (High Density PE) Steel: VCP (Vitrified Clay Pipe) Copper: PVC (Polyvinyl Chloride) AC (Transite): DBC (Direct Buried Cable) CI (Cast Iron): CMP (Corrugated Metal Pipe) FG (Fiberglass): CPP (Corrugated Plastic Pipe) Conc. (Concrete): RCP (Reinforced Concrete Pipe) Unk. (Unknown): Other: Gals. (Galvanneal Pipe) DIP (Ductile Iron Pipe)	

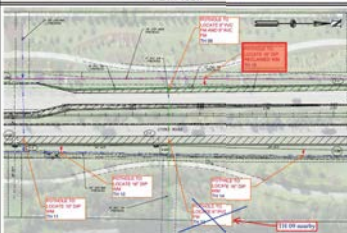
 A SURVEYING & MAPPING FIRM 5119 Beechwood Road, Delray Beach, FL 33484 Phone: 786-472-0358	TEST HOLE DATA FORM	
	Proj. No.: 24-099 Client Proj. No.: BOYNTON BEACH, FLORIDA Proj. City / State: PALM BEACH Country: LYONS & L-30 CANAL Project Name: LYONS ROAD Project Location: LYONS ROAD	Test Hole No.: TH3 Date Excavated: 10/29/2024 Truck No.: VACMASTER SUE Crew: AG, HR, EF Prepared By: KR Checked By: DR
IMAGES		
		
PLAN VIEW	UTILITIES FOUND	
	Size: 8 INCH Material (Type): PVC Type: FORCE MAIN Manual Depth: 3.42 FEET Direction: N/S Owner: PBC WUD Marked By: HR Thickness: N/A Type: NATURAL GROUND Soil Conditions: DRY OT & By: REBAR & CAP COORDINATES AT TOP OF UTILITY Northing: 782814.02 Easting: 921564.87 Elevation: 14.38 Datum: NAVD83 Units: US Survey Feet Metric	
NOTES:	(*) - UTILITY MATERIALS Duct: PE (Polyethylene Pipe) Lead: HDPE (High Density PE) Steel: VCP (Vitrified Clay Pipe) Copper: PVC (Polyvinyl Chloride) AC (Transite): DBC (Direct Buried Cable) CI (Cast Iron): CMP (Corrugated Metal Pipe) FG (Fiberglass): CPP (Corrugated Plastic Pipe) Conc. (Concrete): RCP (Reinforced Concrete Pipe) Unk. (Unknown): Other: Gals. (Galvanneal Pipe) DIP (Ductile Iron Pipe)	

 A SURVEYING & MAPPING FIRM 5119 Beechwood Road, Delray Beach, FL 33484 Phone: 786-472-0358	TEST HOLE DATA FORM	
	Proj. No.: 24-099 Client Proj. No.: BOYNTON BEACH, FLORIDA Proj. City / State: PALM BEACH Country: LYONS & L-30 CANAL Project Name: LYONS ROAD Project Location: LYONS ROAD	Test Hole No.: TH4 Date Excavated: 10/29/2024 Truck No.: VACMASTER SUE Crew: HR, AA, GA, EF Prepared By: KR Checked By: DR
IMAGES		
		
PLAN VIEW	UTILITIES FOUND	
	Size: 8 INCH Material (Type): DUCTILE IRON Type: WATER MAIN Manual Depth: 4.25 FEET Direction: N/S Owner: PBC WUD Marked By: HR Thickness: N/A Type: NATURAL GROUND Soil Conditions: WET OT & By: REBAR & DISC COORDINATES AT TOP OF UTILITY Northing: 783055.21 Easting: 921656.79 Elevation: 15.85 Datum: NAVD83 Units: US Survey Feet Metric	
NOTES:	(*) - UTILITY MATERIALS Duct: PE (Polyethylene Pipe) Lead: HDPE (High Density PE) Steel: VCP (Vitrified Clay Pipe) Copper: PVC (Polyvinyl Chloride) AC (Transite): DBC (Direct Buried Cable) CI (Cast Iron): CMP (Corrugated Metal Pipe) FG (Fiberglass): CPP (Corrugated Plastic Pipe) Conc. (Concrete): RCP (Reinforced Concrete Pipe) Unk. (Unknown): Other: Gals. (Galvanneal Pipe) DIP (Ductile Iron Pipe)	

 A SURVEYING & MAPPING FIRM 5119 Beechwood Road, Delray Beach, FL 33484 Phone: 786-472-0358	TEST HOLE DATA FORM	
	Proj. No.: 24-099 Client Proj. No.: BOYNTON BEACH, FLORIDA Proj. City / State: PALM BEACH Country: LYONS & L-30 CANAL Project Name: LYONS ROAD Project Location: LYONS ROAD	Test Hole No.: TH5 Date Excavated: 10/29/2024 Truck No.: VACMASTER SUE Crew: AG, HR, EF Prepared By: KR Checked By: DR
IMAGES		
		
PLAN VIEW	UTILITIES FOUND	
	Size: 8 INCH Material (Type): DUCTILE IRON Type: RECLAIMED WATER Manual Depth: 5.25 FEET Direction: N/S Owner: PBC WUD Marked By: HR Thickness: N/A Type: NATURAL GROUND Soil Conditions: DRY OT & By: REBAR & CAP COORDINATES AT TOP OF UTILITY Northing: 783376.17 Easting: 921546.27 Elevation: 14.17 Datum: NAVD83 Units: US Survey Feet Metric	
NOTES:	(*) - UTILITY MATERIALS Duct: PE (Polyethylene Pipe) Lead: HDPE (High Density PE) Steel: VCP (Vitrified Clay Pipe) Copper: PVC (Polyvinyl Chloride) AC (Transite): DBC (Direct Buried Cable) CI (Cast Iron): CMP (Corrugated Metal Pipe) FG (Fiberglass): CPP (Corrugated Plastic Pipe) Conc. (Concrete): RCP (Reinforced Concrete Pipe) Unk. (Unknown): Other: Gals. (Galvanneal Pipe) DIP (Ductile Iron Pipe)	

 A SURVEYING & MAPPING FIRM 5119 Beechwood Road, Delray Beach, FL 33484 Phone: 786-472-0358	TEST HOLE DATA FORM	
	Proj. No.: 24-099 Client Proj. No.: BOYNTON BEACH, FLORIDA Proj. City / State: PALM BEACH Country: LYONS & L-30 CANAL Project Name: LYONS ROAD Project Location: LYONS ROAD	Test Hole No.: TH6 Date Excavated: 10/29/2024 Truck No.: VACMASTER SUE Crew: AG, HR, EF Prepared By: KR Checked By: DR
IMAGES		
		
PLAN VIEW	UTILITIES FOUND	
	Size: 8 INCH Material (Type): DUCTILE IRON Type: FORCE MAIN Manual Depth: 5.02 FEET Direction: S/W Owner: PBC WUD Marked By: HR Thickness: N/A Type: NATURAL GROUND Soil Conditions: SANDY OT & By: REBAR & CAP COORDINATES AT TOP OF UTILITY Northing: 783852.12 Easting: 921557.29 Elevation: 14.17 Datum: NAVD83 Units: US Survey Feet Metric	
NOTES:	(*) - UTILITY MATERIALS Duct: PE (Polyethylene Pipe) Lead: HDPE (High Density PE) Steel: VCP (Vitrified Clay Pipe) Copper: PVC (Polyvinyl Chloride) AC (Transite): DBC (Direct Buried Cable) CI (Cast Iron): CMP (Corrugated Metal Pipe) FG (Fiberglass): CPP (Corrugated Plastic Pipe) Conc. (Concrete): RCP (Reinforced Concrete Pipe) Unk. (Unknown): Other: Gals. (Galvanneal Pipe) DIP (Ductile Iron Pipe)	

 A SURVEYING & MAPPING FIRM 5119 Beechwood Road, Delray Beach, FL 33484 Phone: 786-472-0358	TEST HOLE DATA FORM	
	Proj. No.: 24-099 Client Proj. No.: BOYNTON BEACH, FLORIDA Proj. City / State: PALM BEACH Country: LYONS & L-30 CANAL Project Name: LYONS ROAD Project Location: LYONS ROAD	Test Hole No.: TH7 Date Excavated: 10/29/2024 Truck No.: VACMASTER SUE Crew: AG, HR, EF Prepared By: KR Checked By: DR
IMAGES		
		
PLAN VIEW	UTILITIES FOUND	
	Size: 8 INCH Material (Type): DUCTILE IRON Type: FORCE MAIN Manual Depth: 4.85 FEET Direction: N/S Owner: PBC WUD Marked By: HR Thickness: N/A Type: NATURAL GROUND Soil Conditions: SANDY OT & By: REBAR & CAP COORDINATES AT TOP OF UTILITY Northing: 783852.12 Easting: 921557.29 Elevation: 14.14 Datum: NAVD83 Units: US Survey Feet Metric	
NOTES:	(*) - UTILITY MATERIALS Duct: PE (Polyethylene Pipe) Lead: HDPE (High Density PE) Steel: VCP (Vitrified Clay Pipe) Copper: PVC (Polyvinyl Chloride) AC (Transite): DBC (Direct Buried Cable) CI (Cast Iron): CMP (Corrugated Metal Pipe) FG (Fiberglass): CPP (Corrugated Plastic Pipe) Conc. (Concrete): RCP (Reinforced Concrete Pipe) Unk. (Unknown): Other: Gals. (Galvanneal Pipe) DIP (Ductile Iron Pipe)	

 A SURVEYING & MAPPING FIRM 5119 Beechwood Road, Delray Beach, FL 33484 Phone: 786-472-0358	TEST HOLE DATA FORM	
	Proj. No.: 24-099 Client Proj. No.: BOYNTON BEACH, FLORIDA Proj. City / State: PALM BEACH Country: LYONS & L-30 CANAL Project Name: LYONS ROAD Project Location: LYONS ROAD	Test Hole No.: TH8 Date Excavated: 10/29/2024 Truck No.: VACMASTER SUE Crew: AG, HR, EF Prepared By: KR Checked By: DR
IMAGES		
		
PLAN VIEW	UTILITIES FOUND	
	Size: 8 INCH Material (Type): DUCTILE IRON Type: RECLAIMED WATER Manual Depth: 5.47 FEET Direction: N/S Owner: PBC WUD Marked By: HR Thickness: N/A Type: NATURAL GROUND Soil Conditions: DRY OT & By: REBAR & CAP COORDINATES AT TOP OF UTILITY Northing: 783944.50 Easting: 921544.38 Elevation: 14.14 Datum: NAVD83 Units: US Survey Feet Metric	
NOTES:	(*) - UTILITY MATERIALS Duct: PE (Polyethylene Pipe) Lead: HDPE (High Density PE) Steel: VCP (Vitrified Clay Pipe) Copper: PVC (Polyvinyl Chloride) AC (Transite): DBC (Direct Buried Cable) CI (Cast Iron): CMP (Corrugated Metal Pipe) FG (Fiberglass): CPP (Corrugated Plastic Pipe) Conc. (Concrete): RCP (Reinforced Concrete Pipe) Unk. (Unknown): Other: Gals. (Galvanneal Pipe) DIP (Ductile Iron Pipe)	



RITZEL-MASON INC.
DENNIS A. RITZEL
PSM LICENSE NO.: LS6953
5330 VAN BUREN ROAD
DELRAY BEACH, FL 33484
PHONE: 786.472.0358

NO.	REVISION	BY	DATE



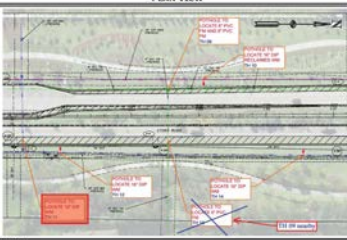
PALM BEACH COUNTY
ENGINEERING AND PUBLIC WORKS
ROADWAY PRODUCTION
P.O BOX 21229, WEST PALM BEACH, FL 33406

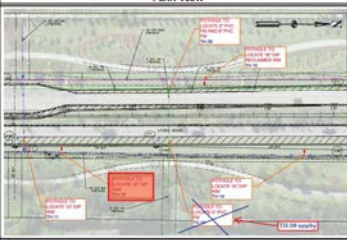
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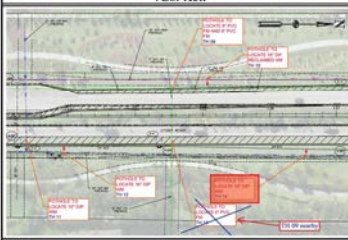
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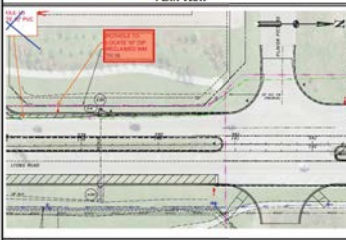
LYONS ROAD FROM LWDD L-30 CANAL TO BOYNTON BEACH BLVD
(PBCWUD WM, FM, & RCWM UTILITY RELOCATION)

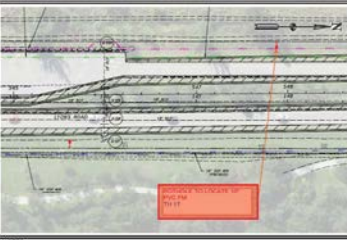
SHEET: U7-39
OF: UT-69
WUD PROJECT
NO. 24-019

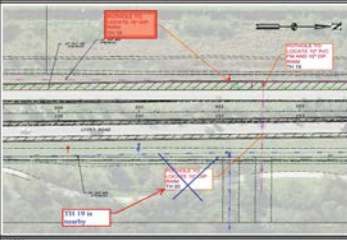
 A SURVEYING & MAPPING FIRM 5119 Beechwood Road, Delray Beach, FL 33484 Phone: 786-472-0358		TEST HOLE DATA FORM	
Proj. No.:	24-099	Test Hole No.:	TH13
Client Proj. No.:		Date Excavated:	10/29/2024
Proj. City / State:	BOYNTON BEACH, FLORIDA	Truck No.:	VACMASTER
County:	PALM BEACH	SUE Crew:	HR, AM, GM, EF
Project Name:	LYONS & L-30 CANAL	Prepared By:	KK
Project Location:	LYONS ROAD	Checked By:	DR
IMAGES			
			
PLAN VIEW		UTILITIES FOUND	
		Size: UNKNOWN Material (P): RCP Type: WATER MAIN Manual Depth: 4.85 FEET Direction: N/S Owner: PBC WUD Marked By: HR Thickness: N/A Type: SURFACE Soil Conditions: NATURAL GROUND C/D By: REBAR & CAP Coordinates at top of utility: Northing: 789276.84 Easting: 921436.10 Elevation: 13.32 Datum: NAVD83 Units: US Survey Feet Metric	
NOTES: UNABLE TO OBTAIN SIZE DUE TO WATER TABLE.		(P) - UTILITY MATERIALS Duct: PE (Polyethylene Pipe) Lead: HDPE (High Density PE) Steel: VCP (Vitriol Clay Pipe) Copper: PVC (Polyvinyl Chloride) AC (Transite): DBC (Direct Buried Cable) CI (Cast Iron): CMP (Corrugated Metal Pipe) FG (Fiberglass): CPP (Corrugated Plastic Pipe) Conc. (Concrete): RCP (Reinforced Concrete Pipe) Unk. (Unknown): Other: Salv. (Salvance Pipe) DIP (Ductile Iron Pipe)	

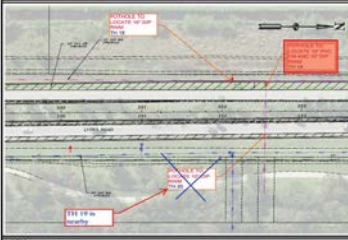
 A SURVEYING & MAPPING FIRM 5119 Beechwood Road, Delray Beach, FL 33484 Phone: 786-472-0358		TEST HOLE DATA FORM	
Proj. No.:	24-099	Test Hole No.:	TH13
Client Proj. No.:		Date Excavated:	10/29/2024
Proj. City / State:	BOYNTON BEACH, FLORIDA	Truck No.:	VACMASTER
County:	PALM BEACH	SUE Crew:	HR, AM, GM, EF
Project Name:	LYONS & L-30 CANAL	Prepared By:	KK
Project Location:	LYONS ROAD	Checked By:	DR
IMAGES			
			
PLAN VIEW		UTILITIES FOUND	
		Size: 18 INCH Material (P): DUCTILE IRON Type: WATER MAIN Manual Depth: 3.45 FEET Direction: N/S Owner: PBC WUD Marked By: HR Thickness: N/A Type: SURFACE Soil Conditions: NATURAL GROUND C/D By: REBAR & CAP Coordinates at top of utility: Northing: 789276.89 Easting: 921432.82 Elevation: 13.80 Datum: NAVD83 Units: US Survey Feet Metric	
NOTES:		(P) - UTILITY MATERIALS Duct: PE (Polyethylene Pipe) Lead: HDPE (High Density PE) Steel: VCP (Vitriol Clay Pipe) Copper: PVC (Polyvinyl Chloride) AC (Transite): DBC (Direct Buried Cable) CI (Cast Iron): CMP (Corrugated Metal Pipe) FG (Fiberglass): CPP (Corrugated Plastic Pipe) Conc. (Concrete): RCP (Reinforced Concrete Pipe) Unk. (Unknown): Other: Salv. (Salvance Pipe) DIP (Ductile Iron Pipe)	

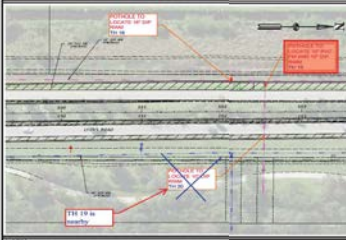
 A SURVEYING & MAPPING FIRM 5119 Beechwood Road, Delray Beach, FL 33484 Phone: 786-472-0358		TEST HOLE DATA FORM	
Proj. No.:	24-099	Test Hole No.:	TH14
Client Proj. No.:		Date Excavated:	10/29/2024
Proj. City / State:	BOYNTON BEACH, FLORIDA	Truck No.:	VACMASTER
County:	PALM BEACH	SUE Crew:	HR, AM, GM, EF
Project Name:	LYONS & L-30 CANAL	Prepared By:	KK
Project Location:	LYONS ROAD	Checked By:	DR
IMAGES			
			
PLAN VIEW		UTILITIES FOUND	
		Size: 18 INCH Material (P): DUCTILE IRON Type: WATER MAIN Manual Depth: 3.45 FEET Direction: N/S Owner: PBC WUD Marked By: HR Thickness: N/A Type: SURFACE Soil Conditions: NATURAL GROUND C/D By: REBAR & CAP Coordinates at top of utility: Northing: 789277.27 Easting: 921435.55 Elevation: 13.85 Datum: NAVD83 Units: US Survey Feet Metric	
NOTES:		(P) - UTILITY MATERIALS Duct: PE (Polyethylene Pipe) Lead: HDPE (High Density PE) Steel: VCP (Vitriol Clay Pipe) Copper: PVC (Polyvinyl Chloride) AC (Transite): DBC (Direct Buried Cable) CI (Cast Iron): CMP (Corrugated Metal Pipe) FG (Fiberglass): CPP (Corrugated Plastic Pipe) Conc. (Concrete): RCP (Reinforced Concrete Pipe) Unk. (Unknown): Other: Salv. (Salvance Pipe) DIP (Ductile Iron Pipe)	

 A SURVEYING & MAPPING FIRM 5119 Beechwood Road, Delray Beach, FL 33484 Phone: 786-472-0358		TEST HOLE DATA FORM	
Proj. No.:	24-099	Test Hole No.:	TH15
Client Proj. No.:		Date Excavated:	10/29/2024
Proj. City / State:	BOYNTON BEACH, FLORIDA	Truck No.:	VACMASTER
County:	PALM BEACH	SUE Crew:	HR, AM, GM, EF
Project Name:	LYONS & L-30 CANAL	Prepared By:	KK
Project Location:	LYONS ROAD	Checked By:	DR
IMAGES			
			
PLAN VIEW		UTILITIES FOUND	
		Size: 18 INCH Material (P): DUCTILE IRON Type: RECLAIMED WATER Manual Depth: 4.85 FEET Direction: N/S Owner: PBC WUD Marked By: HR Thickness: N/A Type: SURFACE Soil Conditions: NATURAL GROUND C/D By: REBAR & CAP Coordinates at top of utility: Northing: 789277.58 Easting: 921431.80 Elevation: 13.57 Datum: NAVD83 Units: US Survey Feet Metric	
NOTES:		(P) - UTILITY MATERIALS Duct: PE (Polyethylene Pipe) Lead: HDPE (High Density PE) Steel: VCP (Vitriol Clay Pipe) Copper: PVC (Polyvinyl Chloride) AC (Transite): DBC (Direct Buried Cable) CI (Cast Iron): CMP (Corrugated Metal Pipe) FG (Fiberglass): CPP (Corrugated Plastic Pipe) Conc. (Concrete): RCP (Reinforced Concrete Pipe) Unk. (Unknown): Other: Salv. (Salvance Pipe) DIP (Ductile Iron Pipe)	

 A SURVEYING & MAPPING FIRM 5119 Beechwood Road, Delray Beach, FL 33484 Phone: 786-472-0358		TEST HOLE DATA FORM	
Proj. No.:	24-099	Test Hole No.:	TH13
Client Proj. No.:		Date Excavated:	10/29/2024
Proj. City / State:	BOYNTON BEACH, FLORIDA	Truck No.:	VACMASTER
County:	PALM BEACH	SUE Crew:	HR, AM, GM, EF
Project Name:	LYONS & L-30 CANAL	Prepared By:	KK
Project Location:	LYONS ROAD	Checked By:	DR
IMAGES			
			
PLAN VIEW		UTILITIES FOUND	
		Size: 20 INCH Material (P): PVC Type: FORCE MAIN Manual Depth: 6.15 FEET Direction: N/S Owner: PBC WUD Marked By: HR Thickness: N/A Type: SURFACE Soil Conditions: NATURAL GROUND C/D By: REBAR & CAP Coordinates at top of utility: Northing: 789225.44 Easting: 921437.80 Elevation: 13.78 Datum: NAVD83 Units: US Survey Feet Metric	
NOTES:		(P) - UTILITY MATERIALS Duct: PE (Polyethylene Pipe) Lead: HDPE (High Density PE) Steel: VCP (Vitriol Clay Pipe) Copper: PVC (Polyvinyl Chloride) AC (Transite): DBC (Direct Buried Cable) CI (Cast Iron): CMP (Corrugated Metal Pipe) FG (Fiberglass): CPP (Corrugated Plastic Pipe) Conc. (Concrete): RCP (Reinforced Concrete Pipe) Unk. (Unknown): Other: Salv. (Salvance Pipe) DIP (Ductile Iron Pipe)	

 A SURVEYING & MAPPING FIRM 5119 Beechwood Road, Delray Beach, FL 33484 Phone: 786-472-0358		TEST HOLE DATA FORM	
Proj. No.:	24-099	Test Hole No.:	TH13
Client Proj. No.:		Date Excavated:	10/29/2024
Proj. City / State:	BOYNTON BEACH, FLORIDA	Truck No.:	VACMASTER
County:	PALM BEACH	SUE Crew:	HR, AM, GM, EF
Project Name:	LYONS & L-30 CANAL	Prepared By:	KK
Project Location:	LYONS ROAD	Checked By:	DR
IMAGES			
			
PLAN VIEW		UTILITIES FOUND	
		Size: 20 INCH, 10 INCH Material (P): DUCTILE IRON Type: RECLAIMED WATER TEE Manual Depth: 4.83 FEET Direction: N/S, E-W Owner: PBC WUD Marked By: HR Thickness: N/A Type: SURFACE Soil Conditions: NATURAL GROUND C/D By: REBAR & CAP Coordinates at top of utility: Northing: 789281.83 Easting: 921324.08 Elevation: 13.20 Datum: NAVD83 Units: US Survey Feet Metric	
NOTES:		(P) - UTILITY MATERIALS Duct: PE (Polyethylene Pipe) Lead: HDPE (High Density PE) Steel: VCP (Vitriol Clay Pipe) Copper: PVC (Polyvinyl Chloride) AC (Transite): DBC (Direct Buried Cable) CI (Cast Iron): CMP (Corrugated Metal Pipe) FG (Fiberglass): CPP (Corrugated Plastic Pipe) Conc. (Concrete): RCP (Reinforced Concrete Pipe) Unk. (Unknown): Other: Salv. (Salvance Pipe) DIP (Ductile Iron Pipe)	

 A SURVEYING & MAPPING FIRM 5119 Beechwood Road, Delray Beach, FL 33484 Phone: 786-472-0358		TEST HOLE DATA FORM	
Proj. No.:	24-099	Test Hole No.:	TH13
Client Proj. No.:		Date Excavated:	10/29/2024
Proj. City / State:	BOYNTON BEACH, FLORIDA	Truck No.:	VACMASTER
County:	PALM BEACH	SUE Crew:	HR, AM, GM, EF
Project Name:	LYONS & L-30 CANAL	Prepared By:	KK
Project Location:	LYONS ROAD	Checked By:	DR
IMAGES			
			
PLAN VIEW		UTILITIES FOUND	
		Size: 18 INCH Material (P): DUCTILE IRON Type: RECLAIMED WATER Manual Depth: 5.40 FEET Direction: E-W Owner: PBC WUD Marked By: HR Thickness: N/A Type: SURFACE Soil Conditions: NATURAL GROUND C/D By: REBAR & CAP Coordinates at top of utility: Northing: 789282.38 Easting: 921324.08 Elevation: 13.48 Datum: NAVD83 Units: US Survey Feet Metric	
NOTES:		(P) - UTILITY MATERIALS Duct: PE (Polyethylene Pipe) Lead: HDPE (High Density PE) Steel: VCP (Vitriol Clay Pipe) Copper: PVC (Polyvinyl Chloride) AC (Transite): DBC (Direct Buried Cable) CI (Cast Iron): CMP (Corrugated Metal Pipe) FG (Fiberglass): CPP (Corrugated Plastic Pipe) Conc. (Concrete): RCP (Reinforced Concrete Pipe) Unk. (Unknown): Other: Salv. (Salvance Pipe) DIP (Ductile Iron Pipe)	

 A SURVEYING & MAPPING FIRM 5119 Beechwood Road, Delray Beach, FL 33484 Phone: 786-472-0358		TEST HOLE DATA FORM	
Proj. No.:	24-099	Test Hole No.:	TH13A
Client Proj. No.:		Date Excavated:	10/29/2024
Proj. City / State:	BOYNTON BEACH, FLORIDA	Truck No.:	VACMASTER
County:	PALM BEACH	SUE Crew:	HR, AM, GM, EF
Project Name:	LYONS & L-30 CANAL	Prepared By:	KK
Project Location:	LYONS ROAD	Checked By:	DR
IMAGES			
			
PLAN VIEW		UTILITIES FOUND	
		Size: 20 INCH Material (P): PVC Type: FORCE MAIN Manual Depth: 7.48 FEET Direction: N/S Owner: PBC WUD Marked By: HR Thickness: N/A Type: SURFACE Soil Conditions: NATURAL GROUND C/D By: REBAR & CAP Coordinates at top of utility: Northing: 789282.86 Easting: 921334.70 Elevation: 13.52 Datum: NAVD83 Units: US Survey Feet Metric	
NOTES: UNABLE TO OBTAIN VISUAL DUE TO SAND CONCAVING.		(P) - UTILITY MATERIALS Duct: PE (Polyethylene Pipe) Lead: HDPE (High Density PE) Steel: VCP (Vitriol Clay Pipe) Copper: PVC (Polyvinyl Chloride) AC (Transite): DBC (Direct Buried Cable) CI (Cast Iron): CMP (Corrugated Metal Pipe) FG (Fiberglass): CPP (Corrugated Plastic Pipe) Conc. (Concrete): RCP (Reinforced Concrete Pipe) Unk. (Unknown): Other: Salv. (Salvance Pipe) DIP (Ductile Iron Pipe)	



RITZEL-MASON INC.
DENNIS A. RITZEL
PSM LICENSE NO.: LS6953
5330 VAN BUREN ROAD
DELRAY BEACH, FL 33484
PHONE: 786.472.0358

NO.	REVISION	BY	DATE



PALM BEACH COUNTY
ENGINEERING AND PUBLIC WORKS
ROADWAY PRODUCTION
P.O BOX 21229, WEST PALM BEACH, FL 33406

SCALE: NTS
APPROVED: DR
DRAWN: LF
CHECKED: DR
DATE: 08/26

TEST HOLE INFORMATION DATA

LYONS ROAD FROM LWDD L-30 CANAL TO BOYNTON BEACH BLVD
(PBCWUD WM, FM, & RCWM UTILITY RELOCATION)

SHEET: UT-40
OF: UT-69
WUD PROJECT
NO. 24-019

TEST HOLE DATA FORM	
Proj. No.: 24-099	Test Hole No.: TH29
Client Proj. No.: BOYNTON BEACH, FLORIDA	Date Excavated: 10/29/2024
Proj. City / State: PALM BEACH	Truck No.: VACMASTER
Country: LYONS & L-30 CANAL	SUE Crew: AG, HR, EF
Project Name: LYONS ROAD	Prepared By: KR
Project Location: LYONS ROAD	Checked By: DR
IMAGES	
PLAN VIEW	UTILITIES FOUND
	Size: 18 INCH Material (P): DUCTILE IRON Type: FORCE MAIN Manual Depth: 4.50 FEET Direction: N/S Owner: PBC WUD Marked By: HR Thickness: N/A Type: SURFACE Soil Conditions: NATURAL GROUND COT'd By: REBAR & CAP Coordinates at Top of Utility Northing: 789250.29 Easting: 921527.73 Elevation: 12.89 Datum: NAVD83 Units: US Survey Feet Metric
NOTES:	(P) - UTILITY MATERIALS Duct: PE (Polyethylene Pipe) Lead: HDPE (High Density PE) Steel: VCP (Vitrified Clay Pipe) Copper: PVC (Polyvinyl Chloride) AC (Transite): DBC (Direct Buried Cable) CI (Cast Iron): CMP (Corrugated Metal Pipe) FG (Fiberglass): CPP (Corrugated Plastic Pipe) Conc. (Concrete): RCP (Reinforced Concrete Pipe) Unk. (Unknown): Other: Gals. (Salvance Pipe) DIP (Ductile Iron Pipe)

TEST HOLE DATA FORM	
Proj. No.: 24-099	Test Hole No.: TH29
Client Proj. No.: BOYNTON BEACH, FLORIDA	Date Excavated: 10/29/2024
Proj. City / State: PALM BEACH	Truck No.: VACMASTER
Country: LYONS & L-30 CANAL	SUE Crew: AG, HR, EF
Project Name: LYONS ROAD	Prepared By: KR
Project Location: LYONS ROAD	Checked By: DR
IMAGES	
PLAN VIEW	UTILITIES FOUND
	Size: 18 INCH Material (P): DUCTILE IRON Type: FORCE MAIN Manual Depth: 4.50 FEET Direction: N/S Owner: PBC WUD Marked By: HR Thickness: N/A Type: SURFACE Soil Conditions: NATURAL GROUND COT'd By: REBAR & CAP Coordinates at Top of Utility Northing: 789250.29 Easting: 921527.73 Elevation: 12.89 Datum: NAVD83 Units: US Survey Feet Metric
NOTES:	(P) - UTILITY MATERIALS Duct: PE (Polyethylene Pipe) Lead: HDPE (High Density PE) Steel: VCP (Vitrified Clay Pipe) Copper: PVC (Polyvinyl Chloride) AC (Transite): DBC (Direct Buried Cable) CI (Cast Iron): CMP (Corrugated Metal Pipe) FG (Fiberglass): CPP (Corrugated Plastic Pipe) Conc. (Concrete): RCP (Reinforced Concrete Pipe) Unk. (Unknown): Other: Gals. (Salvance Pipe) DIP (Ductile Iron Pipe)

TEST HOLE DATA FORM	
Proj. No.: 24-099	Test Hole No.: TH29
Client Proj. No.: BOYNTON BEACH, FLORIDA	Date Excavated: 10/29/2024
Proj. City / State: PALM BEACH	Truck No.: VACMASTER
Country: LYONS & L-30 CANAL	SUE Crew: AG, HR, EF
Project Name: LYONS ROAD	Prepared By: KR
Project Location: LYONS ROAD	Checked By: DR
IMAGES	
PLAN VIEW	UTILITIES FOUND
	Size: 18 INCH Material (P): DUCTILE IRON Type: RECLAIMED WATER Manual Depth: 4.50 FEET Direction: N/S Owner: PBC WUD Marked By: HR Thickness: N/A Type: SURFACE Soil Conditions: NATURAL GROUND COT'd By: REBAR & CAP Coordinates at Top of Utility Northing: 789250.29 Easting: 921527.73 Elevation: 12.89 Datum: NAVD83 Units: US Survey Feet Metric
NOTES:	(P) - UTILITY MATERIALS Duct: PE (Polyethylene Pipe) Lead: HDPE (High Density PE) Steel: VCP (Vitrified Clay Pipe) Copper: PVC (Polyvinyl Chloride) AC (Transite): DBC (Direct Buried Cable) CI (Cast Iron): CMP (Corrugated Metal Pipe) FG (Fiberglass): CPP (Corrugated Plastic Pipe) Conc. (Concrete): RCP (Reinforced Concrete Pipe) Unk. (Unknown): Other: Gals. (Salvance Pipe) DIP (Ductile Iron Pipe)

TEST HOLE DATA FORM	
Proj. No.: 24-099	Test Hole No.: TH29
Client Proj. No.: BOYNTON BEACH, FLORIDA	Date Excavated: 10/29/2024
Proj. City / State: PALM BEACH	Truck No.: VACMASTER
Country: LYONS & L-30 CANAL	SUE Crew: AG, HR, EF
Project Name: LYONS ROAD	Prepared By: KR
Project Location: LYONS ROAD	Checked By: DR
IMAGES	
PLAN VIEW	UTILITIES FOUND
	Size: 18 INCH Material (P): DUCTILE IRON Type: RECLAIMED WATER Manual Depth: 4.50 FEET Direction: N/S Owner: PBC WUD Marked By: HR Thickness: N/A Type: SURFACE Soil Conditions: NATURAL GROUND COT'd By: REBAR & CAP Coordinates at Top of Utility Northing: 789250.29 Easting: 921527.73 Elevation: 12.89 Datum: NAVD83 Units: US Survey Feet Metric
NOTES:	(P) - UTILITY MATERIALS Duct: PE (Polyethylene Pipe) Lead: HDPE (High Density PE) Steel: VCP (Vitrified Clay Pipe) Copper: PVC (Polyvinyl Chloride) AC (Transite): DBC (Direct Buried Cable) CI (Cast Iron): CMP (Corrugated Metal Pipe) FG (Fiberglass): CPP (Corrugated Plastic Pipe) Conc. (Concrete): RCP (Reinforced Concrete Pipe) Unk. (Unknown): Other: Gals. (Salvance Pipe) DIP (Ductile Iron Pipe)

TEST HOLE DATA FORM	
Proj. No.: 24-099	Test Hole No.: TH29
Client Proj. No.: BOYNTON BEACH, FLORIDA	Date Excavated: 10/29/2024
Proj. City / State: PALM BEACH	Truck No.: VACMASTER
Country: LYONS & L-30 CANAL	SUE Crew: AG, HR, EF
Project Name: LYONS ROAD	Prepared By: KR
Project Location: LYONS ROAD	Checked By: DR
IMAGES	
PLAN VIEW	UTILITIES FOUND
	Size: 18 INCH Material (P): DUCTILE IRON Type: RECLAIMED WATER Manual Depth: 4.50 FEET Direction: N/S Owner: PBC WUD Marked By: HR Thickness: N/A Type: SURFACE Soil Conditions: NATURAL GROUND COT'd By: REBAR & CAP Coordinates at Top of Utility Northing: 789250.29 Easting: 921527.73 Elevation: 12.89 Datum: NAVD83 Units: US Survey Feet Metric
NOTES:	(P) - UTILITY MATERIALS Duct: PE (Polyethylene Pipe) Lead: HDPE (High Density PE) Steel: VCP (Vitrified Clay Pipe) Copper: PVC (Polyvinyl Chloride) AC (Transite): DBC (Direct Buried Cable) CI (Cast Iron): CMP (Corrugated Metal Pipe) FG (Fiberglass): CPP (Corrugated Plastic Pipe) Conc. (Concrete): RCP (Reinforced Concrete Pipe) Unk. (Unknown): Other: Gals. (Salvance Pipe) DIP (Ductile Iron Pipe)

TEST HOLE DATA FORM	
Proj. No.: 24-099	Test Hole No.: TH29
Client Proj. No.: BOYNTON BEACH, FLORIDA	Date Excavated: 10/29/2024
Proj. City / State: PALM BEACH	Truck No.: VACMASTER
Country: LYONS & L-30 CANAL	SUE Crew: AG, HR, EF
Project Name: LYONS ROAD	Prepared By: KR
Project Location: LYONS ROAD	Checked By: DR
IMAGES	
PLAN VIEW	UTILITIES FOUND
	Size: 18 INCH Material (P): DUCTILE IRON Type: WATER MAIN Manual Depth: 4.50 FEET Direction: N/S Owner: PBC WUD Marked By: HR Thickness: N/A Type: SURFACE Soil Conditions: NATURAL GROUND COT'd By: REBAR & CAP Coordinates at Top of Utility Northing: 789250.29 Easting: 921527.73 Elevation: 12.89 Datum: NAVD83 Units: US Survey Feet Metric
NOTES:	(P) - UTILITY MATERIALS Duct: PE (Polyethylene Pipe) Lead: HDPE (High Density PE) Steel: VCP (Vitrified Clay Pipe) Copper: PVC (Polyvinyl Chloride) AC (Transite): DBC (Direct Buried Cable) CI (Cast Iron): CMP (Corrugated Metal Pipe) FG (Fiberglass): CPP (Corrugated Plastic Pipe) Conc. (Concrete): RCP (Reinforced Concrete Pipe) Unk. (Unknown): Other: Gals. (Salvance Pipe) DIP (Ductile Iron Pipe)

TEST HOLE DATA FORM	
Proj. No.: 24-099	Test Hole No.: TH29
Client Proj. No.: BOYNTON BEACH, FLORIDA	Date Excavated: 10/29/2024
Proj. City / State: PALM BEACH	Truck No.: VACMASTER
Country: LYONS & L-30 CANAL	SUE Crew: AG, HR, EF
Project Name: LYONS ROAD	Prepared By: KR
Project Location: LYONS ROAD	Checked By: DR
IMAGES	
PLAN VIEW	UTILITIES FOUND
	Size: 18 INCH Material (P): DUCTILE IRON Type: GAS MAIN Manual Depth: 4.50 FEET Direction: N/S Owner: PBC WUD Marked By: HR Thickness: N/A Type: SURFACE Soil Conditions: NATURAL GROUND COT'd By: REBAR & CAP Coordinates at Top of Utility Northing: 789250.29 Easting: 921527.73 Elevation: 12.89 Datum: NAVD83 Units: US Survey Feet Metric
NOTES:	(P) - UTILITY MATERIALS Duct: PE (Polyethylene Pipe) Lead: HDPE (High Density PE) Steel: VCP (Vitrified Clay Pipe) Copper: PVC (Polyvinyl Chloride) AC (Transite): DBC (Direct Buried Cable) CI (Cast Iron): CMP (Corrugated Metal Pipe) FG (Fiberglass): CPP (Corrugated Plastic Pipe) Conc. (Concrete): RCP (Reinforced Concrete Pipe) Unk. (Unknown): Other: Gals. (Salvance Pipe) DIP (Ductile Iron Pipe)

TEST HOLE DATA FORM	
Proj. No.: 24-099	Test Hole No.: TH29
Client Proj. No.: BOYNTON BEACH, FLORIDA	Date Excavated: 10/29/2024
Proj. City / State: PALM BEACH	Truck No.: VACMASTER
Country: LYONS & L-30 CANAL	SUE Crew: AG, HR, EF
Project Name: LYONS ROAD	Prepared By: KR
Project Location: LYONS ROAD	Checked By: DR
IMAGES	
PLAN VIEW	UTILITIES FOUND
	Size: 18 INCH Material (P): DUCTILE IRON Type: RECLAIMED WATER Manual Depth: 4.50 FEET Direction: N/S Owner: PBC WUD Marked By: HR Thickness: N/A Type: SURFACE Soil Conditions: NATURAL GROUND COT'd By: REBAR & CAP Coordinates at Top of Utility Northing: 789250.29 Easting: 921527.73 Elevation: 12.89 Datum: NAVD83 Units: US Survey Feet Metric
NOTES:	(P) - UTILITY MATERIALS Duct: PE (Polyethylene Pipe) Lead: HDPE (High Density PE) Steel: VCP (Vitrified Clay Pipe) Copper: PVC (Polyvinyl Chloride) AC (Transite): DBC (Direct Buried Cable) CI (Cast Iron): CMP (Corrugated Metal Pipe) FG (Fiberglass): CPP (Corrugated Plastic Pipe) Conc. (Concrete): RCP (Reinforced Concrete Pipe) Unk. (Unknown): Other: Gals. (Salvance Pipe) DIP (Ductile Iron Pipe)



RITZEL-MASON INC.
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DELRAY BEACH, FL 33484
PHONE: 786.472.0358

NO.	REVISION	BY	DATE



PALM BEACH COUNTY
ENGINEERING AND PUBLIC WORKS
ROADWAY PRODUCTION
P.O. BOX 21229, WEST PALM BEACH, FL 33406

SCALE: NTS
APPROVED: DR
DRAWN: LF
CHECKED: DR
DATE: 08/26

TEST HOLE INFORMATION DATA

LYONS ROAD FROM LWDD L-30 CANAL TO BOYNTON BEACH BLVD
(PBCWUD WM, FM, & RCWM UTILITY RELOCATION)

SHEET: UT-41
OF: UT-69
WUD PROJECT
NO. 24-019

TEST HOLE DATA FORM			
Proj. No.:	24-099	Test Hole No.:	TH64
Client Proj. No.:		Date Excavated:	10/22/2024
Proj. City / State:	BOYNTON BEACH, FLORIDA	Truck No.:	VACMASTER
County:	PALM BEACH	SUE Crew:	HR, HP, EF
Project Name:	LYONS & L-30 CANAL	Prepared By:	KK
Project Location:	LYONS ROAD	Checked By:	DR
IMAGES			
PLAN VIEW		UTILITIES FOUND	
		Size: 18 INCH Material (*): DUCTILE IRON Type: WATER MAIN Manual Depth: 3.50 FEET Direction: N-S Owner: PBC WUD Marked By: HR Thickness: N/A Type: NATURAL GROUND Soil Conditions: DRY C/D By: REBAR & CAP COORDINATES AT TOP OF UTILITY Northing: 790213.59 Easting: 921509.84 Elevation: 14.92 Datum: NAVD83 Units: US Survey Feet / Metric	
NOTES:		(*) - UTILITY MATERIALS	
Duct: PE (Polyethylene Pipe) Lead: HDPE (High Density PE) Steel: VCP (Vitrified Clay Pipe) Copper: PVC (Polyvinyl Chloride) AC (Transite): DBC (Direct Buried Cable) CI (Cast Iron): CMP (Corrugated Metal Pipe) FG (Fiberglass): CPP (Corrugated Plastic Pipe) Conc. (Concrete): RCP (Reinforced Concrete Pipe) Unk. (Unknown): Other: Salv. (Salvance Pipe) DIP (Ductile Iron Pipe)		Duct: PE (Polyethylene Pipe) Lead: HDPE (High Density PE) Steel: VCP (Vitrified Clay Pipe) Copper: PVC (Polyvinyl Chloride) AC (Transite): DBC (Direct Buried Cable) CI (Cast Iron): CMP (Corrugated Metal Pipe) FG (Fiberglass): CPP (Corrugated Plastic Pipe) Conc. (Concrete): RCP (Reinforced Concrete Pipe) Unk. (Unknown): Other: Salv. (Salvance Pipe) DIP (Ductile Iron Pipe)	

TEST HOLE DATA FORM			
Proj. No.:	24-099	Test Hole No.:	TH65
Client Proj. No.:		Date Excavated:	10/22/2024
Proj. City / State:	BOYNTON BEACH, FLORIDA	Truck No.:	VACMASTER
County:	PALM BEACH	SUE Crew:	HR, HP, EF
Project Name:	LYONS & L-30 CANAL	Prepared By:	KK
Project Location:	LYONS ROAD	Checked By:	DR
IMAGES			
PLAN VIEW		UTILITIES FOUND	
		Size: 18 INCH Material (*): DUCTILE IRON Type: WATER MAIN Manual Depth: 3.70 FEET Direction: N-S Owner: PBC WUD Marked By: HR Thickness: N/A Type: NATURAL GROUND Soil Conditions: DRY C/D By: REBAR & CAP COORDINATES AT TOP OF UTILITY Northing: 790213.59 Easting: 921515.46 Elevation: 14.92 Datum: NAVD83 Units: US Survey Feet / Metric	
NOTES:		(*) - UTILITY MATERIALS	
Duct: PE (Polyethylene Pipe) Lead: HDPE (High Density PE) Steel: VCP (Vitrified Clay Pipe) Copper: PVC (Polyvinyl Chloride) AC (Transite): DBC (Direct Buried Cable) CI (Cast Iron): CMP (Corrugated Metal Pipe) FG (Fiberglass): CPP (Corrugated Plastic Pipe) Conc. (Concrete): RCP (Reinforced Concrete Pipe) Unk. (Unknown): Other: Salv. (Salvance Pipe) DIP (Ductile Iron Pipe)		Duct: PE (Polyethylene Pipe) Lead: HDPE (High Density PE) Steel: VCP (Vitrified Clay Pipe) Copper: PVC (Polyvinyl Chloride) AC (Transite): DBC (Direct Buried Cable) CI (Cast Iron): CMP (Corrugated Metal Pipe) FG (Fiberglass): CPP (Corrugated Plastic Pipe) Conc. (Concrete): RCP (Reinforced Concrete Pipe) Unk. (Unknown): Other: Salv. (Salvance Pipe) DIP (Ductile Iron Pipe)	

TEST HOLE DATA FORM			
Proj. No.:	24-099	Test Hole No.:	TH67
Client Proj. No.:		Date Excavated:	10/22/2024
Proj. City / State:	BOYNTON BEACH, FLORIDA	Truck No.:	VACMASTER
County:	PALM BEACH	SUE Crew:	HR, HP, EF
Project Name:	LYONS & L-30 CANAL	Prepared By:	KK
Project Location:	LYONS ROAD	Checked By:	DR
IMAGES			
PLAN VIEW		UTILITIES FOUND	
		Size: 18 INCH Material (*): DUCTILE IRON Type: WATER MAIN Manual Depth: 4.20 FEET Direction: N-S Owner: PBC WUD Marked By: HR Thickness: N/A Type: NATURAL GROUND Soil Conditions: DRY C/D By: REBAR & CAP COORDINATES AT TOP OF UTILITY Northing: 790213.59 Easting: 921515.24 Elevation: 15.01 Datum: NAVD83 Units: US Survey Feet / Metric	
NOTES:		(*) - UTILITY MATERIALS	
Duct: PE (Polyethylene Pipe) Lead: HDPE (High Density PE) Steel: VCP (Vitrified Clay Pipe) Copper: PVC (Polyvinyl Chloride) AC (Transite): DBC (Direct Buried Cable) CI (Cast Iron): CMP (Corrugated Metal Pipe) FG (Fiberglass): CPP (Corrugated Plastic Pipe) Conc. (Concrete): RCP (Reinforced Concrete Pipe) Unk. (Unknown): Other: Salv. (Salvance Pipe) DIP (Ductile Iron Pipe)		Duct: PE (Polyethylene Pipe) Lead: HDPE (High Density PE) Steel: VCP (Vitrified Clay Pipe) Copper: PVC (Polyvinyl Chloride) AC (Transite): DBC (Direct Buried Cable) CI (Cast Iron): CMP (Corrugated Metal Pipe) FG (Fiberglass): CPP (Corrugated Plastic Pipe) Conc. (Concrete): RCP (Reinforced Concrete Pipe) Unk. (Unknown): Other: Salv. (Salvance Pipe) DIP (Ductile Iron Pipe)	

TEST HOLE DATA FORM			
Proj. No.:	24-099	Test Hole No.:	TH68
Client Proj. No.:		Date Excavated:	10/22/2024
Proj. City / State:	BOYNTON BEACH, FLORIDA	Truck No.:	VACMASTER
County:	PALM BEACH	SUE Crew:	HR, HP, EF
Project Name:	LYONS & L-30 CANAL	Prepared By:	KK
Project Location:	LYONS ROAD	Checked By:	DR
IMAGES			
PLAN VIEW		UTILITIES FOUND	
		Size: 18 INCH Material (*): DUCTILE IRON Type: WATER MAIN Manual Depth: 3.50 FEET Direction: N-S Owner: PBC WUD Marked By: HR Thickness: N/A Type: NATURAL GROUND Soil Conditions: DRY C/D By: REBAR & CAP COORDINATES AT TOP OF UTILITY Northing: 790213.59 Easting: 921511.34 Elevation: 15.03 Datum: NAVD83 Units: US Survey Feet / Metric	
NOTES:		(*) - UTILITY MATERIALS	
Duct: PE (Polyethylene Pipe) Lead: HDPE (High Density PE) Steel: VCP (Vitrified Clay Pipe) Copper: PVC (Polyvinyl Chloride) AC (Transite): DBC (Direct Buried Cable) CI (Cast Iron): CMP (Corrugated Metal Pipe) FG (Fiberglass): CPP (Corrugated Plastic Pipe) Conc. (Concrete): RCP (Reinforced Concrete Pipe) Unk. (Unknown): Other: Salv. (Salvance Pipe) DIP (Ductile Iron Pipe)		Duct: PE (Polyethylene Pipe) Lead: HDPE (High Density PE) Steel: VCP (Vitrified Clay Pipe) Copper: PVC (Polyvinyl Chloride) AC (Transite): DBC (Direct Buried Cable) CI (Cast Iron): CMP (Corrugated Metal Pipe) FG (Fiberglass): CPP (Corrugated Plastic Pipe) Conc. (Concrete): RCP (Reinforced Concrete Pipe) Unk. (Unknown): Other: Salv. (Salvance Pipe) DIP (Ductile Iron Pipe)	

TEST HOLE DATA FORM			
Proj. No.:	24-099	Test Hole No.:	TH69
Client Proj. No.:		Date Excavated:	10/22/2024
Proj. City / State:	BOYNTON BEACH, FLORIDA	Truck No.:	VACMASTER
County:	PALM BEACH	SUE Crew:	HR, HP, EF
Project Name:	LYONS & L-30 CANAL	Prepared By:	KK
Project Location:	LYONS ROAD	Checked By:	DR
IMAGES			
PLAN VIEW		UTILITIES FOUND	
		Size: 18 INCH Material (*): DUCTILE IRON Type: WATER MAIN Manual Depth: 4.00 FEET Direction: N-S Owner: PBC WUD Marked By: HR Thickness: N/A Type: NATURAL GROUND Soil Conditions: DRY C/D By: REBAR & CAP COORDINATES AT TOP OF UTILITY Northing: 790213.70 Easting: 921509.53 Elevation: 14.71 Datum: NAVD83 Units: US Survey Feet / Metric	
NOTES:		(*) - UTILITY MATERIALS	
Duct: PE (Polyethylene Pipe) Lead: HDPE (High Density PE) Steel: VCP (Vitrified Clay Pipe) Copper: PVC (Polyvinyl Chloride) AC (Transite): DBC (Direct Buried Cable) CI (Cast Iron): CMP (Corrugated Metal Pipe) FG (Fiberglass): CPP (Corrugated Plastic Pipe) Conc. (Concrete): RCP (Reinforced Concrete Pipe) Unk. (Unknown): Other: Salv. (Salvance Pipe) DIP (Ductile Iron Pipe)		Duct: PE (Polyethylene Pipe) Lead: HDPE (High Density PE) Steel: VCP (Vitrified Clay Pipe) Copper: PVC (Polyvinyl Chloride) AC (Transite): DBC (Direct Buried Cable) CI (Cast Iron): CMP (Corrugated Metal Pipe) FG (Fiberglass): CPP (Corrugated Plastic Pipe) Conc. (Concrete): RCP (Reinforced Concrete Pipe) Unk. (Unknown): Other: Salv. (Salvance Pipe) DIP (Ductile Iron Pipe)	

TEST HOLE DATA FORM			
Proj. No.:	24-099	Test Hole No.:	TH70
Client Proj. No.:		Date Excavated:	10/22/2024
Proj. City / State:	BOYNTON BEACH, FLORIDA	Truck No.:	VACMASTER
County:	PALM BEACH	SUE Crew:	HR, HP, EF
Project Name:	LYONS & L-30 CANAL	Prepared By:	KK
Project Location:	LYONS ROAD	Checked By:	DR
IMAGES			
PLAN VIEW		UTILITIES FOUND	
		Size: 18 INCH Material (*): DUCTILE IRON Type: WATER MAIN Manual Depth: 3.50 FEET Direction: N-S, E-W Owner: PBC WUD Marked By: HR Thickness: N/A Type: NATURAL GROUND Soil Conditions: DRY C/D By: REBAR & CAP COORDINATES AT TOP OF UTILITY Northing: 789973.56 Easting: 921509.20 Elevation: 15.11 Datum: NAVD83 Units: US Survey Feet / Metric	
NOTES:		(*) - UTILITY MATERIALS	
Duct: PE (Polyethylene Pipe) Lead: HDPE (High Density PE) Steel: VCP (Vitrified Clay Pipe) Copper: PVC (Polyvinyl Chloride) AC (Transite): DBC (Direct Buried Cable) CI (Cast Iron): CMP (Corrugated Metal Pipe) FG (Fiberglass): CPP (Corrugated Plastic Pipe) Conc. (Concrete): RCP (Reinforced Concrete Pipe) Unk. (Unknown): Other: Salv. (Salvance Pipe) DIP (Ductile Iron Pipe)		Duct: PE (Polyethylene Pipe) Lead: HDPE (High Density PE) Steel: VCP (Vitrified Clay Pipe) Copper: PVC (Polyvinyl Chloride) AC (Transite): DBC (Direct Buried Cable) CI (Cast Iron): CMP (Corrugated Metal Pipe) FG (Fiberglass): CPP (Corrugated Plastic Pipe) Conc. (Concrete): RCP (Reinforced Concrete Pipe) Unk. (Unknown): Other: Salv. (Salvance Pipe) DIP (Ductile Iron Pipe)	

TEST HOLE DATA FORM			
Proj. No.:	24-099	Test Hole No.:	TH71
Client Proj. No.:		Date Excavated:	10/22/2024
Proj. City / State:	BOYNTON BEACH, FLORIDA	Truck No.:	VACMASTER
County:	PALM BEACH	SUE Crew:	HR, HP, EF
Project Name:	LYONS & L-30 CANAL	Prepared By:	KK
Project Location:	LYONS ROAD	Checked By:	DR
IMAGES			
PLAN VIEW		UTILITIES FOUND	
		Size: 18 INCH Material (*): DUCTILE IRON Type: WATER MAIN Manual Depth: 3.40 FEET Direction: N-S Owner: PBC WUD Marked By: HR Thickness: N/A Type: NATURAL GROUND Soil Conditions: DRY C/D By: REBAR & CAP COORDINATES AT TOP OF UTILITY Northing: 790723.73 Easting: 921499.84 Elevation: 14.48 Datum: NAVD83 Units: US Survey Feet / Metric	
NOTES:		(*) - UTILITY MATERIALS	
Duct: PE (Polyethylene Pipe) Lead: HDPE (High Density PE) Steel: VCP (Vitrified Clay Pipe) Copper: PVC (Polyvinyl Chloride) AC (Transite): DBC (Direct Buried Cable) CI (Cast Iron): CMP (Corrugated Metal Pipe) FG (Fiberglass): CPP (Corrugated Plastic Pipe) Conc. (Concrete): RCP (Reinforced Concrete Pipe) Unk. (Unknown): Other: Salv. (Salvance Pipe) DIP (Ductile Iron Pipe)		Duct: PE (Polyethylene Pipe) Lead: HDPE (High Density PE) Steel: VCP (Vitrified Clay Pipe) Copper: PVC (Polyvinyl Chloride) AC (Transite): DBC (Direct Buried Cable) CI (Cast Iron): CMP (Corrugated Metal Pipe) FG (Fiberglass): CPP (Corrugated Plastic Pipe) Conc. (Concrete): RCP (Reinforced Concrete Pipe) Unk. (Unknown): Other: Salv. (Salvance Pipe) DIP (Ductile Iron Pipe)	

TEST HOLE DATA FORM			
Proj. No.:	24-099	Test Hole No.:	TH74
Client Proj. No.:		Date Excavated:	10/22/2024
Proj. City / State:	BOYNTON BEACH, FLORIDA	Truck No.:	VACMASTER
County:	PALM BEACH	SUE Crew:	HR, HP, EF
Project Name:	LYONS & L-30 CANAL	Prepared By:	KK
Project Location:	LYONS ROAD	Checked By:	DR
IMAGES			
PLAN VIEW		UTILITIES FOUND	
		Size: 18 INCH Material (*): DUCTILE IRON Type: WATER MAIN Manual Depth: 3.25 FEET Direction: N-S Owner: PBC WUD Marked By: HR Thickness: N/A Type: NATURAL GROUND Soil Conditions: DRY C/D By: REBAR & CAP COORDINATES AT TOP OF UTILITY Northing: 791143.75 Easting: 921494.85 Elevation: 14.58 Datum: NAVD83 Units: US Survey Feet / Metric	
NOTES:		(*) - UTILITY MATERIALS	
Duct: PE (Polyethylene Pipe) Lead: HDPE (High Density PE) Steel: VCP (Vitrified Clay Pipe) Copper: PVC (Polyvinyl Chloride) AC (Transite): DBC (Direct Buried Cable) CI (Cast Iron): CMP (Corrugated Metal Pipe) FG (Fiberglass): CPP (Corrugated Plastic Pipe) Conc. (Concrete): RCP (Reinforced Concrete Pipe) Unk. (Unknown): Other: Salv. (Salvance Pipe) DIP (Ductile Iron Pipe)		Duct: PE (Polyethylene Pipe) Lead: HDPE (High Density PE) Steel: VCP (Vitrified Clay Pipe) Copper: PVC (Polyvinyl Chloride) AC (Transite): DBC (Direct Buried Cable) CI (Cast Iron): CMP (Corrugated Metal Pipe) FG (Fiberglass): CPP (Corrugated Plastic Pipe) Conc. (Concrete): RCP (Reinforced Concrete Pipe) Unk. (Unknown): Other: Salv. (Salvance Pipe) DIP (Ductile Iron Pipe)	



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NO.	REVISION	BY	DATE



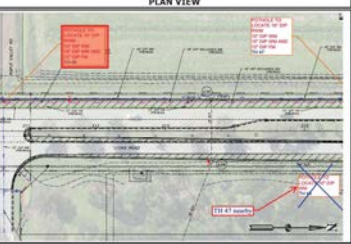
PALM BEACH COUNTY
ENGINEERING AND PUBLIC WORKS
ROADWAY PRODUCTION
P.O BOX 21229, WEST PALM BEACH, FL 33406

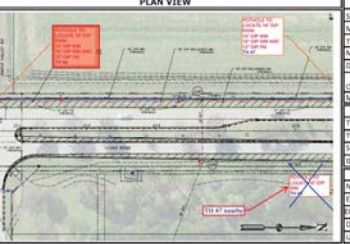
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DRAWN: LF
CHECKED: DR
DATE: 08/26

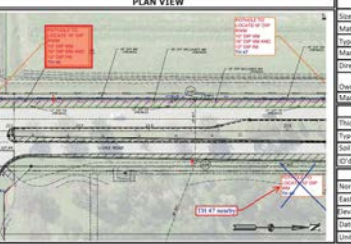
TEST HOLE INFORMATION DATA

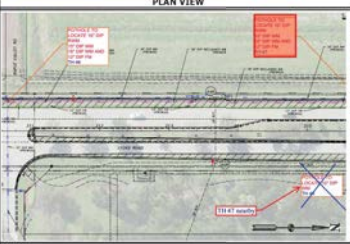
LYONS ROAD FROM LWDD L-30 CANAL TO BOYNTON BEACH BLVD
(PBCWUD WM, FM, & RCWM UTILITY RELOCATION)

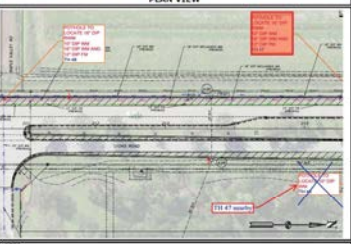
SHEET: UT-42
OF: UT-69
WUD PROJECT
NO. 24-019

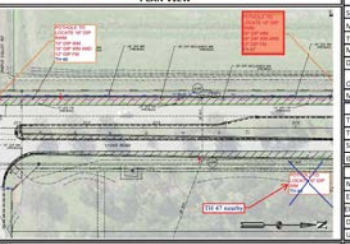
 TEST HOLE DATA FORM Proj. No.: 24-099 Test Hole No.: TH68 Client Proj. No.: BOYNTON BEACH, FLORIDA Date Excavated: 10/31/2024 Proj. City / State: PALM BEACH Truck No.: VACMASTER Country: LYONS & L-30 CANAL SUE Crew: HR, EF, AM, GM Project Name: LYONS ROAD Prepared By: KR Project Location: LYONS ROAD Checked By: DR			
IMAGES 			
PLAN VIEW 		UTILITIES FOUND Size: 12 INCH Material (*): DUCTILE IRON Type: FORCE MAIN Manual Depth: 3.50 FEET Direction: N-S Owner: PBC WUD Marked By: HR Thickness: 4 INCH Type: ASPHALT Soil Conditions: DRY C/D By: NAL & OSC COORDINATES AT TOP OF UTILITY Northing: 792025.96 Easting: 921500.02 Elevation: 13.80 Datum: NAVD83 Units: US Survey Feet Metric: Meters	
NOTES UNABLE TO OBTAIN VISUAL DUE TO CONCAVE.		(*)- UTILITY MATERIALS Duct: PE (Polyethylene Pipe) Lead: HDPE (High Density PE) Steel: VCP (Vitrified Clay Pipe) Copper: PVC (Polyvinyl Chloride) AC (Transite): DBC (Direct Buried Cable) CI (Cast Iron): CMP (Corrugated Metal Pipe) FG (Fiberglass): CPP (Corrugated Plastic Pipe) Conc. (Concrete): RCP (Reinforced Concrete Pipe) Unk. (Unknown): Other: Gals. (Galvanize Pipe) DIP (Ductile Iron Pipe)	

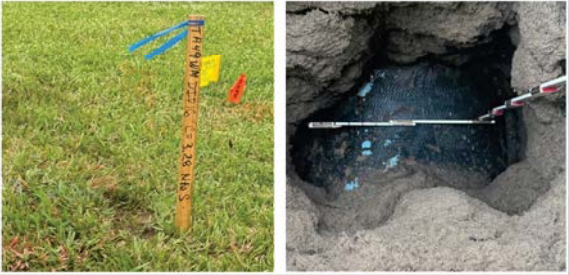
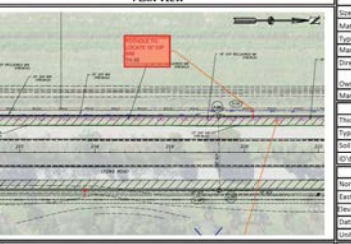
 TEST HOLE DATA FORM Proj. No.: 24-099 Test Hole No.: TH68A Client Proj. No.: BOYNTON BEACH, FLORIDA Date Excavated: 10/31/2024 Proj. City / State: PALM BEACH Truck No.: VACMASTER Country: LYONS & L-30 CANAL SUE Crew: HR, EF, AM, GM Project Name: LYONS ROAD Prepared By: KR Project Location: LYONS ROAD Checked By: DR			
IMAGES 			
PLAN VIEW 		UTILITIES FOUND Size: 18 INCH Material (*): DUCTILE IRON Type: RECLAIMED WATER Manual Depth: 5.70 FEET Direction: N-S Owner: PBC WUD Marked By: HR Thickness: 4 INCH Type: ASPHALT Soil Conditions: DRY C/D By: NAL & OSC COORDINATES AT TOP OF UTILITY Northing: 792025.96 Easting: 921500.03 Elevation: 13.82 Datum: NAVD83 Units: US Survey Feet Metric: Meters	
NOTES UNABLE TO OBTAIN VISUAL DUE TO CONCAVE.		(*)- UTILITY MATERIALS Duct: PE (Polyethylene Pipe) Lead: HDPE (High Density PE) Steel: VCP (Vitrified Clay Pipe) Copper: PVC (Polyvinyl Chloride) AC (Transite): DBC (Direct Buried Cable) CI (Cast Iron): CMP (Corrugated Metal Pipe) FG (Fiberglass): CPP (Corrugated Plastic Pipe) Conc. (Concrete): RCP (Reinforced Concrete Pipe) Unk. (Unknown): Other: Gals. (Galvanize Pipe) DIP (Ductile Iron Pipe)	

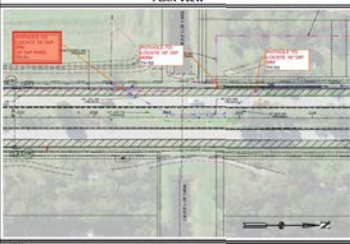
 TEST HOLE DATA FORM Proj. No.: 24-099 Test Hole No.: TH68B Client Proj. No.: BOYNTON BEACH, FLORIDA Date Excavated: 10/31/2024 Proj. City / State: PALM BEACH Truck No.: VACMASTER Country: LYONS & L-30 CANAL SUE Crew: HR, EF, AM, GM Project Name: LYONS ROAD Prepared By: KR Project Location: LYONS ROAD Checked By: DR			
IMAGES 			
PLAN VIEW 		UTILITIES FOUND Size: 18 INCH Material (*): DUCTILE IRON Type: WATER MAIN Manual Depth: 4.30 FEET Direction: N-S Owner: PBC WUD Marked By: HR Thickness: 4 INCH Type: ASPHALT Soil Conditions: DRY C/D By: NAL & OSC COORDINATES AT TOP OF UTILITY Northing: 792025.96 Easting: 921492.87 Elevation: 14.70 Datum: NAVD83 Units: US Survey Feet Metric: Meters	
NOTES UNABLE TO OBTAIN VISUAL DUE TO CONCAVE. Regrout was on line. Unable to dig on line as valve was on line.		(*)- UTILITY MATERIALS Duct: PE (Polyethylene Pipe) Lead: HDPE (High Density PE) Steel: VCP (Vitrified Clay Pipe) Copper: PVC (Polyvinyl Chloride) AC (Transite): DBC (Direct Buried Cable) CI (Cast Iron): CMP (Corrugated Metal Pipe) FG (Fiberglass): CPP (Corrugated Plastic Pipe) Conc. (Concrete): RCP (Reinforced Concrete Pipe) Unk. (Unknown): Other: Gals. (Galvanize Pipe) DIP (Ductile Iron Pipe)	

 TEST HOLE DATA FORM Proj. No.: 24-099 Test Hole No.: TH67 Client Proj. No.: BOYNTON BEACH, FLORIDA Date Excavated: 10/31/2024 Proj. City / State: PALM BEACH Truck No.: VACMASTER Country: LYONS & L-30 CANAL SUE Crew: HR, EF, AM, GM Project Name: LYONS ROAD Prepared By: KR Project Location: LYONS ROAD Checked By: DR			
IMAGES 			
PLAN VIEW 		UTILITIES FOUND Size: 18 INCH Material (*): PVC Type: FORCE MAIN Manual Depth: 3.50 FEET Direction: N-S Owner: PBC WUD Marked By: HR Thickness: N/A Type: NATURAL GROUND Soil Conditions: DRY C/D By: REBAR & CAP COORDINATES AT TOP OF UTILITY Northing: 792025.96 Easting: 921500.29 Elevation: 14.80 Datum: NAVD83 Units: US Survey Feet Metric: Meters	
NOTES		(*)- UTILITY MATERIALS Duct: PE (Polyethylene Pipe) Lead: HDPE (High Density PE) Steel: VCP (Vitrified Clay Pipe) Copper: PVC (Polyvinyl Chloride) AC (Transite): DBC (Direct Buried Cable) CI (Cast Iron): CMP (Corrugated Metal Pipe) FG (Fiberglass): CPP (Corrugated Plastic Pipe) Conc. (Concrete): RCP (Reinforced Concrete Pipe) Unk. (Unknown): Other: Gals. (Galvanize Pipe) DIP (Ductile Iron Pipe)	

 TEST HOLE DATA FORM Proj. No.: 24-099 Test Hole No.: TH68 Client Proj. No.: BOYNTON BEACH, FLORIDA Date Excavated: 10/31/2024 Proj. City / State: PALM BEACH Truck No.: VACMASTER Country: LYONS & L-30 CANAL SUE Crew: HR, EF, AM, GM Project Name: LYONS ROAD Prepared By: KR Project Location: LYONS ROAD Checked By: DR			
IMAGES 			
PLAN VIEW 		UTILITIES FOUND Size: 18 INCH Material (*): DUCTILE IRON Type: WATER MAIN Manual Depth: 3.50 FEET Direction: N-S Owner: PBC WUD Marked By: HR Thickness: N/A Type: NATURAL GROUND Soil Conditions: DRY C/D By: REBAR & CAP COORDINATES AT TOP OF UTILITY Northing: 792025.48 Easting: 921488.48 Elevation: 14.89 Datum: NAVD83 Units: US Survey Feet Metric: Meters	
NOTES		(*)- UTILITY MATERIALS Duct: PE (Polyethylene Pipe) Lead: HDPE (High Density PE) Steel: VCP (Vitrified Clay Pipe) Copper: PVC (Polyvinyl Chloride) AC (Transite): DBC (Direct Buried Cable) CI (Cast Iron): CMP (Corrugated Metal Pipe) FG (Fiberglass): CPP (Corrugated Plastic Pipe) Conc. (Concrete): RCP (Reinforced Concrete Pipe) Unk. (Unknown): Other: Gals. (Galvanize Pipe) DIP (Ductile Iron Pipe)	

 TEST HOLE DATA FORM Proj. No.: 24-099 Test Hole No.: TH67B Client Proj. No.: BOYNTON BEACH, FLORIDA Date Excavated: 10/31/2024 Proj. City / State: PALM BEACH Truck No.: VACMASTER Country: LYONS & L-30 CANAL SUE Crew: HR, EF, AM, GM Project Name: LYONS ROAD Prepared By: KR Project Location: LYONS ROAD Checked By: DR			
IMAGES 			
PLAN VIEW 		UTILITIES FOUND Size: 18 INCH Material (*): DUCTILE IRON Type: RECLAIMED WATER Manual Depth: 5.52 FEET Direction: N-S Owner: PBC WUD Marked By: HR Thickness: N/A Type: NATURAL GROUND Soil Conditions: DRY C/D By: REBAR & CAP COORDINATES AT TOP OF UTILITY Northing: 792025.47 Easting: 921495.85 Elevation: 14.97 Datum: NAVD83 Units: US Survey Feet Metric: Meters	
NOTES		(*)- UTILITY MATERIALS Duct: PE (Polyethylene Pipe) Lead: HDPE (High Density PE) Steel: VCP (Vitrified Clay Pipe) Copper: PVC (Polyvinyl Chloride) AC (Transite): DBC (Direct Buried Cable) CI (Cast Iron): CMP (Corrugated Metal Pipe) FG (Fiberglass): CPP (Corrugated Plastic Pipe) Conc. (Concrete): RCP (Reinforced Concrete Pipe) Unk. (Unknown): Other: Gals. (Galvanize Pipe) DIP (Ductile Iron Pipe)	

 TEST HOLE DATA FORM Proj. No.: 24-099 Test Hole No.: TH68 Client Proj. No.: BOYNTON BEACH, FLORIDA Date Excavated: 10/31/2024 Proj. City / State: PALM BEACH Truck No.: VACMASTER Country: LYONS & L-30 CANAL SUE Crew: HR, EF, AM, GM Project Name: LYONS ROAD Prepared By: KR Project Location: LYONS ROAD Checked By: DR			
IMAGES 			
PLAN VIEW 		UTILITIES FOUND Size: 18 INCH Material (*): DUCTILE IRON Type: WATER MAIN Manual Depth: 3.28 FEET Direction: N-S Owner: PBC WUD Marked By: HR Thickness: N/A Type: NATURAL GROUND Soil Conditions: DRY C/D By: REBAR & CAP COORDINATES AT TOP OF UTILITY Northing: 792435.78 Easting: 921482.70 Elevation: 14.97 Datum: NAVD83 Units: US Survey Feet Metric: Meters	
NOTES		(*)- UTILITY MATERIALS Duct: PE (Polyethylene Pipe) Lead: HDPE (High Density PE) Steel: VCP (Vitrified Clay Pipe) Copper: PVC (Polyvinyl Chloride) AC (Transite): DBC (Direct Buried Cable) CI (Cast Iron): CMP (Corrugated Metal Pipe) FG (Fiberglass): CPP (Corrugated Plastic Pipe) Conc. (Concrete): RCP (Reinforced Concrete Pipe) Unk. (Unknown): Other: Gals. (Galvanize Pipe) DIP (Ductile Iron Pipe)	

 TEST HOLE DATA FORM Proj. No.: 24-099 Test Hole No.: TH68 Client Proj. No.: BOYNTON BEACH, FLORIDA Date Excavated: 10/31/2024 Proj. City / State: PALM BEACH Truck No.: VACMASTER Country: LYONS & L-30 CANAL SUE Crew: HR, EF, AM, GM Project Name: LYONS ROAD Prepared By: KR Project Location: LYONS ROAD Checked By: DR			
IMAGES 			
PLAN VIEW 		UTILITIES FOUND Size: 18 INCH Material (*): DUCTILE IRON Type: WATER MAIN Manual Depth: 3.50 FEET Direction: N-S Owner: PBC WUD Marked By: HR Thickness: N/A Type: NATURAL GROUND Soil Conditions: DRY C/D By: REBAR & CAP COORDINATES AT TOP OF UTILITY Northing: 792781.48 Easting: 921488.80 Elevation: 15.22 Datum: NAVD83 Units: US Survey Feet Metric: Meters	
NOTES		(*)- UTILITY MATERIALS Duct: PE (Polyethylene Pipe) Lead: HDPE (High Density PE) Steel: VCP (Vitrified Clay Pipe) Copper: PVC (Polyvinyl Chloride) AC (Transite): DBC (Direct Buried Cable) CI (Cast Iron): CMP (Corrugated Metal Pipe) FG (Fiberglass): CPP (Corrugated Plastic Pipe) Conc. (Concrete): RCP (Reinforced Concrete Pipe) Unk. (Unknown): Other: Gals. (Galvanize Pipe) DIP (Ductile Iron Pipe)	



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NO.	REVISION	BY	DATE



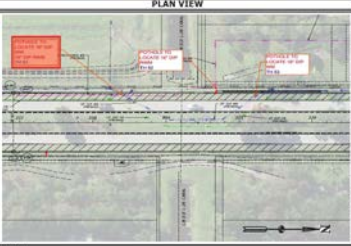
PALM BEACH COUNTY
ENGINEERING AND PUBLIC WORKS
ROADWAY PRODUCTION
P.O. BOX 21229, WEST PALM BEACH, FL 33406

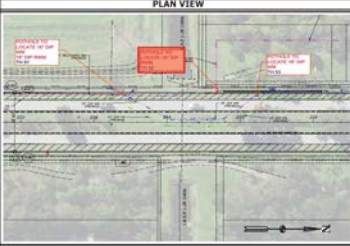
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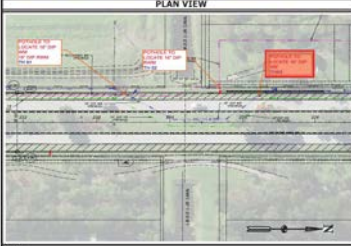
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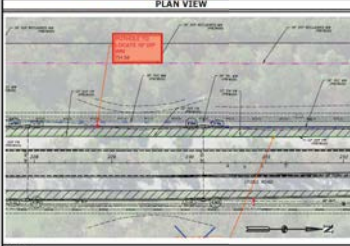
LYONS ROAD FROM LWDD L-30 CANAL TO BOYNTON BEACH BLVD
(PBCWUD WM, FM, & RCWM UTILITY RELOCATION)

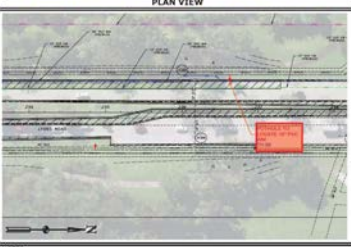
SHEET: UT-43
OF: UT-69
WUD PROJECT
NO. 24-019

		TEST HOLE DATA FORM	
Proj. No.:	24-099	Test Hole No.:	TH53
Client Proj. No.:		Date Excavated:	10/18/2024
Proj. City / State:	BOYNTON BEACH, FLORIDA	Truck No.:	VACMASTER
County:	PALM BEACH	SUE Crew:	HR, AG, EF, WF
Project Name:	LYONS & L-30 CANAL	Prepared By:	KK
Project Location:	LYONS ROAD	Checked By:	DR
IMAGES			
			
PLAN VIEW		UTILITIES FOUND	
		Size: 18 INCH Material (P): DUCTILE IRON Type: WATER MAIN Manual Depth: 3.45 FEET Direction: N/S Owner: PBC WUD Marked By: HR Thickness: N/A Type: SURFACE Soil Conditions: NATURAL GROUND C'd By: REBAR & CAP Coordinates at top of utility: Northing: 793358.89 Easting: 921495.02 Elevation: 13.55 Datum: NAVD83 Units: US Survey Feet Metric	
NOTES:		(P) - UTILITY MATERIALS	
		Duct PE (Polyethylene Pipe) Lead HDPE (High Density PE) Steel VCP (Vitrified Clay Pipe) Copper PVC (Polyvinyl Chloride) AC (Transite) DBC (Direct Buried Cable) CI (Cast Iron) CMP (Corrugated Metal Pipe) FG (Fiberglass) CPP (Corrugated Plastic Pipe) Conc. (Concrete) RCP (Reinforced Concrete Pipe) Unk. (Unknown) Other: Gals. (Galvanneal Pipe) DIP (Ductile Iron Pipe)	

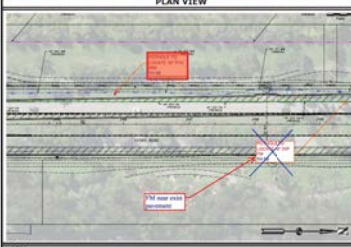
		TEST HOLE DATA FORM	
Proj. No.:	24-099	Test Hole No.:	TH53
Client Proj. No.:		Date Excavated:	10/18/2024
Proj. City / State:	BOYNTON BEACH, FLORIDA	Truck No.:	VACMASTER
County:	PALM BEACH	SUE Crew:	HR, AG, EF, WF
Project Name:	LYONS & L-30 CANAL	Prepared By:	KK
Project Location:	LYONS ROAD	Checked By:	DR
IMAGES			
			
PLAN VIEW		UTILITIES FOUND	
		Size: 18 INCH Material (P): DUCTILE IRON Type: WATER MAIN Manual Depth: 3.45 FEET Direction: N/S Owner: PBC WUD Marked By: HR Thickness: N/A Type: SURFACE Soil Conditions: NATURAL GROUND C'd By: REBAR & CAP Coordinates at top of utility: Northing: 793358.89 Easting: 921495.02 Elevation: 13.55 Datum: NAVD83 Units: US Survey Feet Metric	
NOTES:		(P) - UTILITY MATERIALS	
		Duct PE (Polyethylene Pipe) Lead HDPE (High Density PE) Steel VCP (Vitrified Clay Pipe) Copper PVC (Polyvinyl Chloride) AC (Transite) DBC (Direct Buried Cable) CI (Cast Iron) CMP (Corrugated Metal Pipe) FG (Fiberglass) CPP (Corrugated Plastic Pipe) Conc. (Concrete) RCP (Reinforced Concrete Pipe) Unk. (Unknown) Other: Gals. (Galvanneal Pipe) DIP (Ductile Iron Pipe)	

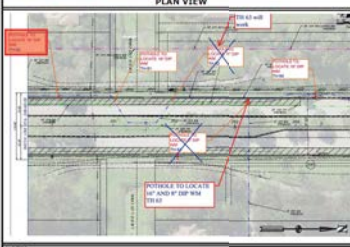
		TEST HOLE DATA FORM	
Proj. No.:	24-099	Test Hole No.:	TH53
Client Proj. No.:		Date Excavated:	10/18/2024
Proj. City / State:	BOYNTON BEACH, FLORIDA	Truck No.:	VACMASTER
County:	PALM BEACH	SUE Crew:	HR, AG, EF, WF
Project Name:	LYONS & L-30 CANAL	Prepared By:	KK
Project Location:	LYONS ROAD	Checked By:	DR
IMAGES			
			
PLAN VIEW		UTILITIES FOUND	
		Size: 18 INCH Material (P): DUCTILE IRON Type: WATER MAIN Manual Depth: 3.45 FEET Direction: N/S Owner: PBC WUD Marked By: HR Thickness: N/A Type: SURFACE Soil Conditions: NATURAL GROUND C'd By: REBAR & CAP Coordinates at top of utility: Northing: 793358.89 Easting: 921495.02 Elevation: 13.55 Datum: NAVD83 Units: US Survey Feet Metric	
NOTES:		(P) - UTILITY MATERIALS	
1 INCH IRRIGATION FOUND AT 1 FEET.		Duct PE (Polyethylene Pipe) Lead HDPE (High Density PE) Steel VCP (Vitrified Clay Pipe) Copper PVC (Polyvinyl Chloride) AC (Transite) DBC (Direct Buried Cable) CI (Cast Iron) CMP (Corrugated Metal Pipe) FG (Fiberglass) CPP (Corrugated Plastic Pipe) Conc. (Concrete) RCP (Reinforced Concrete Pipe) Unk. (Unknown) Other: Gals. (Galvanneal Pipe) DIP (Ductile Iron Pipe)	

		TEST HOLE DATA FORM	
Proj. No.:	24-099	Test Hole No.:	TH54
Client Proj. No.:		Date Excavated:	10/21/2024
Proj. City / State:	BOYNTON BEACH, FLORIDA	Truck No.:	VACMASTER
County:	PALM BEACH	SUE Crew:	HR, HP, EF
Project Name:	LYONS & L-30 CANAL	Prepared By:	KK
Project Location:	LYONS ROAD	Checked By:	DR
IMAGES			
			
PLAN VIEW		UTILITIES FOUND	
		Size: 18 INCH Material (P): DUCTILE IRON Type: WATER MAIN Manual Depth: 4.05 FEET Direction: N/S Owner: PBC WUD Marked By: HR Thickness: N/A Type: SURFACE Soil Conditions: NATURAL GROUND C'd By: REBAR & CAP Coordinates at top of utility: Northing: 793358.89 Easting: 921495.77 Elevation: 14.79 Datum: NAVD83 Units: US Survey Feet Metric	
NOTES:		(P) - UTILITY MATERIALS	
		Duct PE (Polyethylene Pipe) Lead HDPE (High Density PE) Steel VCP (Vitrified Clay Pipe) Copper PVC (Polyvinyl Chloride) AC (Transite) DBC (Direct Buried Cable) CI (Cast Iron) CMP (Corrugated Metal Pipe) FG (Fiberglass) CPP (Corrugated Plastic Pipe) Conc. (Concrete) RCP (Reinforced Concrete Pipe) Unk. (Unknown) Other: Gals. (Galvanneal Pipe) DIP (Ductile Iron Pipe)	

		TEST HOLE DATA FORM	
Proj. No.:	24-099	Test Hole No.:	TH58
Client Proj. No.:		Date Excavated:	10/21/2024
Proj. City / State:	BOYNTON BEACH, FLORIDA	Truck No.:	VACMASTER
County:	PALM BEACH	SUE Crew:	HR, HP, EF
Project Name:	LYONS & L-30 CANAL	Prepared By:	KK
Project Location:	LYONS ROAD	Checked By:	DR
IMAGES			
			
PLAN VIEW		UTILITIES FOUND	
		Size: 18 INCH Material (P): DUCTILE IRON Type: WATER MAIN Manual Depth: 4.40 FEET Direction: N/S Owner: PBC WUD Marked By: HR Thickness: N/A Type: SURFACE Soil Conditions: NATURAL GROUND C'd By: REBAR & CAP Coordinates at top of utility: Northing: 794126.99 Easting: 921472.63 Elevation: 14.31 Datum: NAVD83 Units: US Survey Feet Metric	
NOTES:		(P) - UTILITY MATERIALS	
COULD NOT OBTAIN A VISUAL DUE TO WATER TABLE. IRRIGATION FOUND AT 1.40 FEET.		Duct PE (Polyethylene Pipe) Lead HDPE (High Density PE) Steel VCP (Vitrified Clay Pipe) Copper PVC (Polyvinyl Chloride) AC (Transite) DBC (Direct Buried Cable) CI (Cast Iron) CMP (Corrugated Metal Pipe) FG (Fiberglass) CPP (Corrugated Plastic Pipe) Conc. (Concrete) RCP (Reinforced Concrete Pipe) Unk. (Unknown) Other: Gals. (Galvanneal Pipe) DIP (Ductile Iron Pipe)	

		TEST HOLE DATA FORM	
Proj. No.:	24-099	Test Hole No.:	TH57
Client Proj. No.:		Date Excavated:	10/21/2024
Proj. City / State:	BOYNTON BEACH, FLORIDA	Truck No.:	VACMASTER
County:	PALM BEACH	SUE Crew:	HR, HP, EF
Project Name:	LYONS & L-30 CANAL	Prepared By:	KK
Project Location:	LYONS ROAD	Checked By:	DR
IMAGES			
			
PLAN VIEW		UTILITIES FOUND	
		Size: 18 INCH Material (P): DUCTILE IRON Type: WATER MAIN Manual Depth: 3.60 FEET Direction: N/S Owner: PBC WUD Marked By: HR Thickness: N/A Type: SURFACE Soil Conditions: NATURAL GROUND C'd By: REBAR & CAP Coordinates at top of utility: Northing: 794139.71 Easting: 921495.97 Elevation: 13.00 Datum: NAVD83 Units: US Survey Feet Metric	
NOTES:		(P) - UTILITY MATERIALS	
		Duct PE (Polyethylene Pipe) Lead HDPE (High Density PE) Steel VCP (Vitrified Clay Pipe) Copper PVC (Polyvinyl Chloride) AC (Transite) DBC (Direct Buried Cable) CI (Cast Iron) CMP (Corrugated Metal Pipe) FG (Fiberglass) CPP (Corrugated Plastic Pipe) Conc. (Concrete) RCP (Reinforced Concrete Pipe) Unk. (Unknown) Other: Gals. (Galvanneal Pipe) DIP (Ductile Iron Pipe)	

		TEST HOLE DATA FORM	
Proj. No.:	24-099	Test Hole No.:	TH58
Client Proj. No.:		Date Excavated:	10/21/2024
Proj. City / State:	BOYNTON BEACH, FLORIDA	Truck No.:	VACMASTER
County:	PALM BEACH	SUE Crew:	HR, AG, EF, WF
Project Name:	LYONS & L-30 CANAL	Prepared By:	KK
Project Location:	LYONS ROAD	Checked By:	DR
IMAGES			
			
PLAN VIEW		UTILITIES FOUND	
		Size: 18 INCH Material (P): DUCTILE IRON Type: WATER MAIN Manual Depth: 3.85 FEET Direction: N/S Owner: PBC WUD Marked By: HR Thickness: N/A Type: SURFACE Soil Conditions: NATURAL GROUND C'd By: REBAR & CAP Coordinates at top of utility: Northing: 795012.14 Easting: 921495.75 Elevation: 13.00 Datum: NAVD83 Units: US Survey Feet Metric	
NOTES:		(P) - UTILITY MATERIALS	
		Duct PE (Polyethylene Pipe) Lead HDPE (High Density PE) Steel VCP (Vitrified Clay Pipe) Copper PVC (Polyvinyl Chloride) AC (Transite) DBC (Direct Buried Cable) CI (Cast Iron) CMP (Corrugated Metal Pipe) FG (Fiberglass) CPP (Corrugated Plastic Pipe) Conc. (Concrete) RCP (Reinforced Concrete Pipe) Unk. (Unknown) Other: Gals. (Galvanneal Pipe) DIP (Ductile Iron Pipe)	

		TEST HOLE DATA FORM	
Proj. No.:	24-099	Test Hole No.:	TH59
Client Proj. No.:		Date Excavated:	10/21/2024
Proj. City / State:	BOYNTON BEACH, FLORIDA	Truck No.:	VACMASTER
County:	PALM BEACH	SUE Crew:	HR, AG, EF, WF
Project Name:	LYONS & L-30 CANAL	Prepared By:	KK
Project Location:	LYONS ROAD	Checked By:	DR
IMAGES			
			
PLAN VIEW		UTILITIES FOUND	
		Size: 18 INCH Material (P): DUCTILE IRON Type: WATER MAIN Manual Depth: 3.55 FEET Direction: N/S Owner: PBC WUD Marked By: HR Thickness: N/A Type: SURFACE Soil Conditions: NATURAL GROUND C'd By: REBAR & CAP Coordinates at top of utility: Northing: 795449.15 Easting: 921496.12 Elevation: 13.45 Datum: NAVD83 Units: US Survey Feet Metric	
NOTES:		(P) - UTILITY MATERIALS	
		Duct PE (Polyethylene Pipe) Lead HDPE (High Density PE) Steel VCP (Vitrified Clay Pipe) Copper PVC (Polyvinyl Chloride) AC (Transite) DBC (Direct Buried Cable) CI (Cast Iron) CMP (Corrugated Metal Pipe) FG (Fiberglass) CPP (Corrugated Plastic Pipe) Conc. (Concrete) RCP (Reinforced Concrete Pipe) Unk. (Unknown) Other: Gals. (Galvanneal Pipe) DIP (Ductile Iron Pipe)	



RITZEL-MASON INC.
DENNIS A. RITZEL
PSM LICENSE NO.: LS6953
5330 VAN BUREN ROAD
DELRAY BEACH, FL 33484
PHONE: 786.472.0358

NO.	REVISION	BY	DATE



PALM BEACH COUNTY
ENGINEERING AND PUBLIC WORKS
ROADWAY PRODUCTION
P.O. BOX 21229, WEST PALM BEACH, FL 33406

SCALE: NTS
APPROVED: DR
DRAWN: LF
CHECKED: DR
DATE: 08/26

TEST HOLE INFORMATION DATA

LYONS ROAD FROM LWDD L-30 CANAL TO BOYNTON BEACH BLVD
(PBCWUD WM, FM, & RCWM UTILITY RELOCATION)

SHEET: UT-44
OF: UT-69
WUD PROJECT
NO. 24-019

 A SURVEYING & MAPPING FIRM 5119 Beechwood Road, Delray Beach, FL 33484 Phone: 786.472.0358	TEST HOLE DATA FORM			
	Proj. No.: 24-099	Test Hole No.: TH68	Client Proj. No.: BOYNTON BEACH, FLORIDA	Date Excavated: 10/17/2024
Proj. City / State: PALM BEACH	Truck No.: VACMASTER	County: PALM BEACH	Truck No.: VACMASTER	
Project Name: LYONS & L-30 CANAL	Prepared By: KR	Project Location: LYONS ROAD	Checked By: DR	
IMAGES				
				
PLAN VIEW		UTILITIES FOUND		
Size: 18 INCH		Size: 18 INCH		
Material ("): DUCTILE IRON		Material ("): DUCTILE IRON		
Type: WATER MAIN		Type: WATER MAIN		
Manual Depth: 3.93 FEET		Manual Depth: 3.93 FEET		
Direction: N-S		Direction: N-S		
Owner: PBC WUD		Owner: PBC WUD		
Marked By: HB		Marked By: HB		
Thickness: N/A		Thickness: N/A		
Type: NATURAL GROUND		Type: NATURAL GROUND		
Soil Conditions: DRY		Soil Conditions: DRY		
C/D By: REBAR & CAP		C/D By: REBAR & CAP		
COORDINATES AT TOP OF UTILITY		COORDINATES AT TOP OF UTILITY		
Nothing		Nothing		
Easting: 921475.89		Easting: 921475.89		
Elevation: 15.58		Elevation: 15.58		
Datum: NAVD83		Datum: NAVD83		
Units: US Survey Feet Metric		Units: US Survey Feet Metric		
NOTES:				
Duct: PE (Polyethylene Pipe)				
Lead: HDPE (High Density PE)				
Steel: VCP (Vitrified Clay Pipe)				
Copper: PVC (Polyvinyl Chloride)				
AC (Transite): DBC (Direct Buried Cable)				
C (Cast Iron): CMP (Corrugated Metal Pipe)				
FG (Fiberglass): CPP (Corrugated Plastic Pipe)				
Conc. (Concrete): RCP (Reinforced Concrete Pipe)				
Unk. (Unknown): Other:				
Sew. (Sanitary Pipe)				
DIP (Ductile Iron Pipe)				

 A SURVEYING & MAPPING FIRM 5119 Beechwood Road, Delray Beach, FL 33484 Phone: 786.472.0358	TEST HOLE DATA FORM			
	Proj. No.: 24-099	Test Hole No.: TH69	Client Proj. No.: BOYNTON BEACH, FLORIDA	Date Excavated: 10/17/2024
Proj. City / State: PALM BEACH	Truck No.: VACMASTER	County: PALM BEACH	Truck No.: VACMASTER	
Project Name: LYONS & L-30 CANAL	Prepared By: KR	Project Location: LYONS ROAD	Checked By: DR	
IMAGES				
				
PLAN VIEW		UTILITIES FOUND		
Size: 18 INCH		Size: 18 INCH		
Material ("): DUCTILE IRON		Material ("): DUCTILE IRON		
Type: WATER MAIN		Type: WATER MAIN		
Manual Depth: 2.95 FEET		Manual Depth: 2.95 FEET		
Direction: N-S		Direction: N-S		
Owner: PBC WUD		Owner: PBC WUD		
Marked By: HB		Marked By: HB		
Thickness: N/A		Thickness: N/A		
Type: NATURAL GROUND		Type: NATURAL GROUND		
Soil Conditions: DRY		Soil Conditions: DRY		
C/D By: REBAR & CAP		C/D By: REBAR & CAP		
COORDINATES AT TOP OF UTILITY		COORDINATES AT TOP OF UTILITY		
Nothing		Nothing		
Easting: 921463.39		Easting: 921463.39		
Elevation: 15.53		Elevation: 15.53		
Datum: NAVD83		Datum: NAVD83		
Units: US Survey Feet Metric		Units: US Survey Feet Metric		
NOTES:				
Duct: PE (Polyethylene Pipe)				
Lead: HDPE (High Density PE)				
Steel: VCP (Vitrified Clay Pipe)				
Copper: PVC (Polyvinyl Chloride)				
AC (Transite): DBC (Direct Buried Cable)				
C (Cast Iron): CMP (Corrugated Metal Pipe)				
FG (Fiberglass): CPP (Corrugated Plastic Pipe)				
Conc. (Concrete): RCP (Reinforced Concrete Pipe)				
Unk. (Unknown): Other:				
Sew. (Sanitary Pipe)				
DIP (Ductile Iron Pipe)				

 A SURVEYING & MAPPING FIRM 5119 Beechwood Road, Delray Beach, FL 33484 Phone: 786.472.0358	TEST HOLE DATA FORM			
	Proj. No.: 24-099	Test Hole No.: TH68A	Client Proj. No.: BOYNTON BEACH, FLORIDA	Date Excavated: 10/17/2024
Proj. City / State: PALM BEACH	Truck No.: VACMASTER	County: PALM BEACH	Truck No.: VACMASTER	
Project Name: LYONS & L-30 CANAL	Prepared By: KR	Project Location: LYONS ROAD	Checked By: DR	
IMAGES				
				
PLAN VIEW		UTILITIES FOUND		
Size: 8 INCH		Size: 8 INCH		
Material ("): DUCTILE IRON		Material ("): DUCTILE IRON		
Type: WATER MAIN		Type: WATER MAIN		
Manual Depth: 3.93 FEET		Manual Depth: 3.93 FEET		
Direction: N-S		Direction: N-S		
Owner: PBC WUD		Owner: PBC WUD		
Marked By: HB		Marked By: HB		
Thickness: N/A		Thickness: N/A		
Type: NATURAL GROUND		Type: NATURAL GROUND		
Soil Conditions: DRY		Soil Conditions: DRY		
C/D By: REBAR & CAP		C/D By: REBAR & CAP		
COORDINATES AT TOP OF UTILITY		COORDINATES AT TOP OF UTILITY		
Nothing		Nothing		
Easting: 921465.76		Easting: 921465.76		
Elevation: 15.58		Elevation: 15.58		
Datum: NAVD83		Datum: NAVD83		
Units: US Survey Feet Metric		Units: US Survey Feet Metric		
NOTES:				
Duct: PE (Polyethylene Pipe)				
Lead: HDPE (High Density PE)				
Steel: VCP (Vitrified Clay Pipe)				
Copper: PVC (Polyvinyl Chloride)				
AC (Transite): DBC (Direct Buried Cable)				
C (Cast Iron): CMP (Corrugated Metal Pipe)				
FG (Fiberglass): CPP (Corrugated Plastic Pipe)				
Conc. (Concrete): RCP (Reinforced Concrete Pipe)				
Unk. (Unknown): Other:				
Sew. (Sanitary Pipe)				
DIP (Ductile Iron Pipe)				

 A SURVEYING & MAPPING FIRM 5119 Beechwood Road, Delray Beach, FL 33484 Phone: 786.472.0358	TEST HOLE DATA FORM			
	Proj. No.: 24-099	Test Hole No.: TH68	Client Proj. No.: BOYNTON BEACH, FLORIDA	Date Excavated: 10/17/2024
Proj. City / State: PALM BEACH	Truck No.: VACMASTER	County: PALM BEACH	Truck No.: VACMASTER	
Project Name: LYONS & L-30 CANAL	Prepared By: KR	Project Location: LYONS ROAD	Checked By: DR	
IMAGES				
				
PLAN VIEW		UTILITIES FOUND		
Size: 18 INCH		Size: 18 INCH		
Material ("): DUCTILE IRON		Material ("): DUCTILE IRON		
Type: WATER MAIN		Type: WATER MAIN		
Manual Depth: 3.93 FEET		Manual Depth: 3.93 FEET		
Direction: N-S		Direction: N-S		
Owner: PBC WUD		Owner: PBC WUD		
Marked By: HB		Marked By: HB		
Thickness: N/A		Thickness: N/A		
Type: NATURAL GROUND		Type: NATURAL GROUND		
Soil Conditions: DRY		Soil Conditions: DRY		
C/D By: REBAR & CAP		C/D By: REBAR & CAP		
COORDINATES AT TOP OF UTILITY		COORDINATES AT TOP OF UTILITY		
Nothing		Nothing		
Easting: 921458.70		Easting: 921458.70		
Elevation: 15.14		Elevation: 15.14		
Datum: NAVD83		Datum: NAVD83		
Units: US Survey Feet Metric		Units: US Survey Feet Metric		
NOTES:				
Duct: PE (Polyethylene Pipe)				
Lead: HDPE (High Density PE)				
Steel: VCP (Vitrified Clay Pipe)				
Copper: PVC (Polyvinyl Chloride)				
AC (Transite): DBC (Direct Buried Cable)				
C (Cast Iron): CMP (Corrugated Metal Pipe)				
FG (Fiberglass): CPP (Corrugated Plastic Pipe)				
Conc. (Concrete): RCP (Reinforced Concrete Pipe)				
Unk. (Unknown): Other:				
Sew. (Sanitary Pipe)				
DIP (Ductile Iron Pipe)				

 A SURVEYING & MAPPING FIRM 5119 Beechwood Road, Delray Beach, FL 33484 Phone: 786.472.0358	TEST HOLE DATA FORM			
	Proj. No.: 24-099	Test Hole No.: TH65	Client Proj. No.: BOYNTON BEACH, FLORIDA	Date Excavated: 10/17/2024
Proj. City / State: PALM BEACH	Truck No.: VACMASTER	County: PALM BEACH	Truck No.: VACMASTER	
Project Name: LYONS & L-30 CANAL	Prepared By: KR	Project Location: LYONS ROAD	Checked By: DR	
IMAGES				
				
PLAN VIEW		UTILITIES FOUND		
Size: 18 INCH		Size: 18 INCH		
Material ("): DUCTILE IRON		Material ("): DUCTILE IRON		
Type: WATER MAIN		Type: WATER MAIN		
Manual Depth: 3.93 FEET		Manual Depth: 3.93 FEET		
Direction: N-S		Direction: N-S		
Owner: PBC WUD		Owner: PBC WUD		
Marked By: HB		Marked By: HB		
Thickness: N/A		Thickness: N/A		
Type: NATURAL GROUND		Type: NATURAL GROUND		
Soil Conditions: DRY		Soil Conditions: DRY		
C/D By: REBAR & CAP		C/D By: REBAR & CAP		
COORDINATES AT TOP OF UTILITY		COORDINATES AT TOP OF UTILITY		
Nothing		Nothing		
Easting: 921465.36		Easting: 921465.36		
Elevation: 15.72		Elevation: 15.72		
Datum: NAVD83		Datum: NAVD83		
Units: US Survey Feet Metric		Units: US Survey Feet Metric		
NOTES:				
Duct: PE (Polyethylene Pipe)				
Lead: HDPE (High Density PE)				
Steel: VCP (Vitrified Clay Pipe)				
Copper: PVC (Polyvinyl Chloride)				
AC (Transite): DBC (Direct Buried Cable)				
C (Cast Iron): CMP (Corrugated Metal Pipe)				
FG (Fiberglass): CPP (Corrugated Plastic Pipe)				
Conc. (Concrete): RCP (Reinforced Concrete Pipe)				
Unk. (Unknown): Other:				
Sew. (Sanitary Pipe)				
DIP (Ductile Iron Pipe)				

 A SURVEYING & MAPPING FIRM 5119 Beechwood Road, Delray Beach, FL 33484 Phone: 786.472.0358	TEST HOLE DATA FORM			
	Proj. No.: 24-099	Test Hole No.: TH66	Client Proj. No.: BOYNTON BEACH, FLORIDA	Date Excavated: 10/16/2024
Proj. City / State: PALM BEACH	Truck No.: VACMASTER	County: PALM BEACH	Truck No.: VACMASTER	
Project Name: LYONS & L-30 CANAL	Prepared By: KR	Project Location: LYONS ROAD	Checked By: DR	
IMAGES				
				
PLAN VIEW		UTILITIES FOUND		
Size: 8 INCH		Size: 8 INCH		
Material ("): DUCTILE IRON		Material ("): DUCTILE IRON		
Type: WATER MAIN		Type: WATER MAIN		
Manual Depth: 3.93 FEET		Manual Depth: 3.93 FEET		
Direction: E-W		Direction: E-W		
Owner: PBC WUD		Owner: PBC WUD		
Marked By: HB		Marked By: HB		
Thickness: N/A		Thickness: N/A		
Type: NATURAL GROUND		Type: NATURAL GROUND		
Soil Conditions: DRY		Soil Conditions: DRY		
C/D By: REBAR & CAP		C/D By: REBAR & CAP		
COORDINATES AT TOP OF UTILITY		COORDINATES AT TOP OF UTILITY		
Nothing		Nothing		
Easting: 921465.37		Easting: 921465.37		
Elevation: 15.18		Elevation: 15.18		
Datum: NAVD83		Datum: NAVD83		
Units: US Survey Feet Metric		Units: US Survey Feet Metric		
NOTES:				
Duct: PE (Polyethylene Pipe)				
Lead: HDPE (High Density PE)				
Steel: VCP (Vitrified Clay Pipe)				
Copper: PVC (Polyvinyl Chloride)				
AC (Transite): DBC (Direct Buried Cable)				
C (Cast Iron): CMP (Corrugated Metal Pipe)				
FG (Fiberglass): CPP (Corrugated Plastic Pipe)				
Conc. (Concrete): RCP (Reinforced Concrete Pipe)				
Unk. (Unknown): Other:				
Sew. (Sanitary Pipe)				
DIP (Ductile Iron Pipe)				

 A SURVEYING & MAPPING FIRM 5119 Beechwood Road, Delray Beach, FL 33484 Phone: 786.472.0358	TEST HOLE DATA FORM			
	Proj. No.: 24-099	Test Hole No.: TH66A	Client Proj. No.: BOYNTON BEACH, FLORIDA	Date Excavated: 10/16/2024
Proj. City / State: PALM BEACH	Truck No.: VACMASTER	County: PALM BEACH	Truck No.: VACMASTER	
Project Name: LYONS & L-30 CANAL	Prepared By: KR	Project Location: LYONS ROAD	Checked By: DR	
IMAGES				
				
PLAN VIEW		UTILITIES FOUND		
Size: 8 INCH		Size: 8 INCH		
Material ("): DUCTILE IRON		Material ("): DUCTILE IRON		
Type: FORCE MAIN		Type: FORCE MAIN		
Manual Depth: 5.75 FEET		Manual Depth: 5.75 FEET		
Direction: E-W		Direction: E-W		
Owner: PBC WUD		Owner: PBC WUD		
Marked By: HB		Marked By: HB		
Thickness: N/A		Thickness: N/A		
Type: NATURAL GROUND		Type: NATURAL GROUND		
Soil Conditions: WET		Soil Conditions: WET		
C/D By: REBAR & CAP		C/D By: REBAR & CAP		
COORDINATES AT TOP OF UTILITY		COORDINATES AT TOP OF UTILITY		
Nothing		Nothing		
Easting: 921465.33		Easting: 921465.33		
Elevation: 15.18		Elevation: 15.18		
Datum: NAVD83		Datum: NAVD83		
Units: US Survey Feet Metric		Units: US Survey Feet Metric		
NOTES:				
Duct: PE (Polyethylene Pipe)				
Lead: HDPE (High Density PE)				
Steel: VCP (Vitrified Clay Pipe)				
Copper: PVC (Polyvinyl Chloride)				
AC (Transite): DBC (Direct Buried Cable)				
C (Cast Iron): CMP (Corrugated Metal Pipe)				
FG (Fiberglass): CPP (Corrugated Plastic Pipe)				
Conc. (Concrete): RCP (Reinforced Concrete Pipe)				
Unk. (Unknown): Other:				
Sew. (Sanitary Pipe)				
DIP (Ductile Iron Pipe)				

 A SURVEYING & MAPPING FIRM 5119 Beechwood Road, Delray Beach, FL 33484 Phone: 786.472.0358	TEST HOLE DATA FORM			
	Proj. No.: 24-099	Test Hole No.: TH67	Client Proj. No.: BOYNTON BEACH, FLORIDA	Date Excavated: 10/16/2024
Proj. City / State: PALM BEACH	Truck No.: VACMASTER	County: PALM BEACH	Truck No.: VACMASTER	
Project Name: LYONS & L-30 CANAL	Prepared By: KR	Project Location: LYONS ROAD	Checked By: DR	
IMAGES				
				
PLAN VIEW		UTILITIES FOUND		
Size: 18 INCH		Size: 18 INCH		
Material ("): DUCTILE IRON		Material ("): DUCTILE IRON		
Type: WATER MAIN		Type: WATER MAIN		
Manual Depth: 3.45 FEET		Manual Depth: 3.45 FEET		
Direction: N-S		Direction: N-S		
Owner: PBC WUD		Owner: PBC WUD		
Marked By: HB		Marked By: HB		
Thickness: N/A		Thickness: N/A		
Type: NATURAL GROUND		Type: NATURAL GROUND		
Soil Conditions: DRY		Soil Conditions: DRY		
C/D By: REBAR & CAP		C/D By: REBAR & CAP		
COORDINATES AT TOP OF UTILITY		COORDINATES AT TOP OF UTILITY		
Nothing		Nothing		
Easting: 921457.38		Easting: 921457.38		
Elevation: 15.80		Elevation: 15.80		
Datum: NAVD83		Datum: NAVD83		
Units: US Survey Feet Metric		Units: US Survey Feet Metric		
NOTES:				
Duct: PE (Polyethylene Pipe)				
Lead: HDPE (High Density PE)				
Steel: VCP (Vitrified Clay Pipe)				
Copper: PVC (Polyvinyl Chloride)				
AC (Transite): DBC (Direct Buried Cable)				
C (Cast Iron): CMP (Corrugated Metal Pipe)				
FG (Fiberglass): CPP (Corrugated Plastic Pipe)				
Conc. (Concrete): RCP (Reinforced Concrete Pipe)				
Unk. (Unknown): Other:				
Sew. (Sanitary Pipe)				
DIP (Ductile Iron Pipe)				



RITZEL-MASON INC.
DENNIS A. RITZEL
PSM LICENSE NO.: LS6953
5330 VAN BUREN ROAD
DELRAY BEACH, FL 33484
PHONE: 786.472.0358

NO.	REVISION	BY	DATE



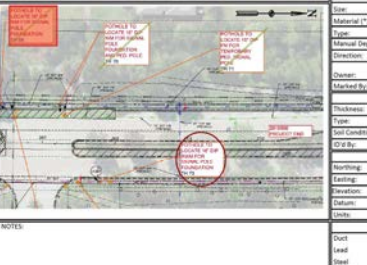
PALM BEACH COUNTY
ENGINEERING AND PUBLIC WORKS
ROADWAY PRODUCTION
P.O. BOX 21229, WEST PALM BEACH, FL 33406

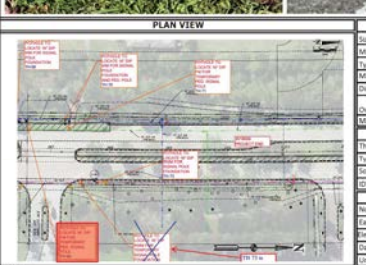
SCALE: NTS
APPROVED: DR
DRAWN: LF
CHECKED: DR
DATE: 08/26

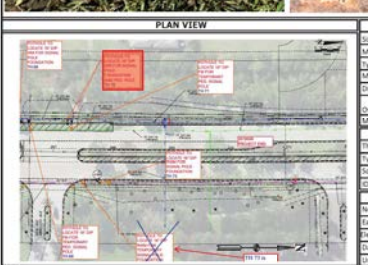
TEST HOLE INFORMATION DATA

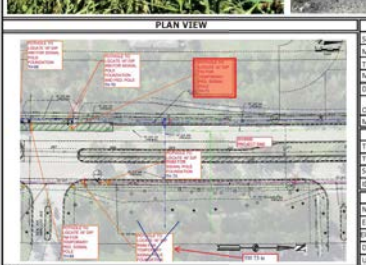
LYONS ROAD FROM LWDD L-30 CANAL TO BOYNTON BEACH BLVD
(PBCWUD WM, FM, & RCWM UTILITY RELOCATION)

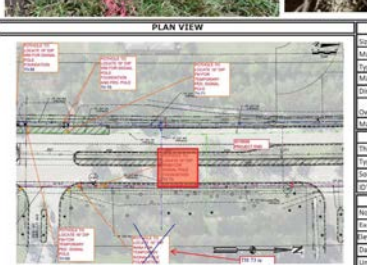
SHEET: UT-45
OF: UT-69
WUD PROJECT
NO. 24-019

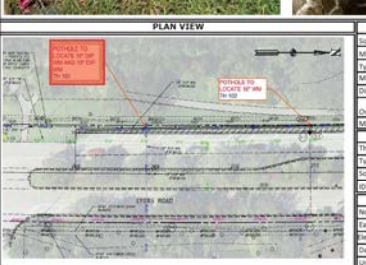
TEST HOLE DATA FORM			
Proj. No.:	24-099	Test Hole No.:	TH06
Client Proj. No.:		Date Excavated:	10/16/2024
Proj. City / State:	BOYNTON BEACH, FLORIDA	Truck No.:	VACMASTER
Country:	FLORIDA	SUE Crew:	HR, AG, EF
Project Name:	LYONS & L-30 CANAL	Prepared By:	KK
Project Location:	LYONS ROAD	Checked By:	DR
IMAGES			
			
PLAN VIEW		UTILITIES FOUND	
		Size: 18 INCH Material (%): DUCTILE IRON Type: WATER MAIN Manual Depth: 3.15 FEET Direction: N/S Owner: PBC WUD Marked By: HR Thickness: N/A Type: SURFACE Soil Conditions: NATURAL GROUND Soil By: REBAR & CAP Coordinates at TOP of UTILITY Northing: 797079.90 Easting: 921405.96 Elevation: 15.85 Datum: NAVD83 Units: US Survey Feet Metric	
NOTES			
(*): UTILITY MATERIALS Duct: PE (Polyethylene Pipe) Lead: HDPE (High Density PE) Steel: VCP (Vitriol Clay Pipe) Copper: PVC (Polyvinyl Chloride) AC (Transite): DBC (Direct Buried Cable) CI (Cast Iron): CMP (Corrugated Metal Pipe) FG (Fiberglass): CPP (Corrugated Plastic Pipe) Cone (Concrete): RCP (Reinforced Concrete Pipe) Link (Unknown): Other: Sals (Salvance Pipe) DIP (Ductile Iron Pipe)			

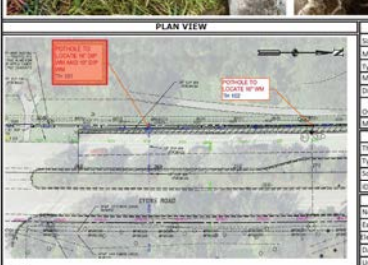
TEST HOLE DATA FORM			
Proj. No.:	24-099	Test Hole No.:	TH06
Client Proj. No.:		Date Excavated:	10/16/2024
Proj. City / State:	BOYNTON BEACH, FLORIDA	Truck No.:	VACMASTER
Country:	FLORIDA	SUE Crew:	HR, AG, EF
Project Name:	LYONS & L-30 CANAL	Prepared By:	KK
Project Location:	LYONS ROAD	Checked By:	DR
IMAGES			
			
PLAN VIEW		UTILITIES FOUND	
		Size: 18 INCH Material (%): PVC Type: FORCE MAIN Manual Depth: 3.30 FEET Direction: N/S Owner: PBC WUD Marked By: HR Thickness: N/A Type: NATURAL GROUND Soil Conditions: DRY Soil By: REBAR & CAP Coordinates at TOP of UTILITY Northing: 797080.39 Easting: 921405.91 Elevation: 15.42 Datum: NAVD83 Units: US Survey Feet Metric	
NOTES			
(*): UTILITY MATERIALS Duct: PE (Polyethylene Pipe) Lead: HDPE (High Density PE) Steel: VCP (Vitriol Clay Pipe) Copper: PVC (Polyvinyl Chloride) AC (Transite): DBC (Direct Buried Cable) CI (Cast Iron): CMP (Corrugated Metal Pipe) FG (Fiberglass): CPP (Corrugated Plastic Pipe) Cone (Concrete): RCP (Reinforced Concrete Pipe) Link (Unknown): Other: Sals (Salvance Pipe) DIP (Ductile Iron Pipe)			

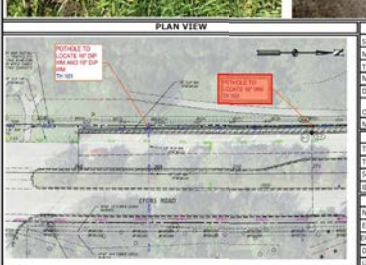
TEST HOLE DATA FORM			
Proj. No.:	24-099	Test Hole No.:	TH07
Client Proj. No.:		Date Excavated:	10/16/2024
Proj. City / State:	BOYNTON BEACH, FLORIDA	Truck No.:	VACMASTER
Country:	FLORIDA	SUE Crew:	HR, AG, EF
Project Name:	LYONS & L-30 CANAL	Prepared By:	KK
Project Location:	LYONS ROAD	Checked By:	DR
IMAGES			
			
PLAN VIEW		UTILITIES FOUND	
		Size: 18 INCH Material (%): DUCTILE IRON Type: WATER MAIN Manual Depth: 3.45 FEET Direction: N/S Owner: PBC WUD Marked By: HR Thickness: N/A Type: NATURAL GROUND Soil Conditions: DRY Soil By: REBAR & CAP Coordinates at TOP of UTILITY Northing: 797187.27 Easting: 921433.45 Elevation: 15.70 Datum: NAVD83 Units: US Survey Feet Metric	
NOTES			
(*): UTILITY MATERIALS Duct: PE (Polyethylene Pipe) Lead: HDPE (High Density PE) Steel: VCP (Vitriol Clay Pipe) Copper: PVC (Polyvinyl Chloride) AC (Transite): DBC (Direct Buried Cable) CI (Cast Iron): CMP (Corrugated Metal Pipe) FG (Fiberglass): CPP (Corrugated Plastic Pipe) Cone (Concrete): RCP (Reinforced Concrete Pipe) Link (Unknown): Other: Sals (Salvance Pipe) DIP (Ductile Iron Pipe)			

TEST HOLE DATA FORM			
Proj. No.:	24-099	Test Hole No.:	TH08
Client Proj. No.:		Date Excavated:	10/16/2024
Proj. City / State:	BOYNTON BEACH, FLORIDA	Truck No.:	VACMASTER
Country:	FLORIDA	SUE Crew:	HR, AG, EF
Project Name:	LYONS & L-30 CANAL	Prepared By:	KK
Project Location:	LYONS ROAD	Checked By:	DR
IMAGES			
			
PLAN VIEW		UTILITIES FOUND	
		Size: 18 INCH Material (%): PVC Type: FORCE MAIN Manual Depth: 3.55 FEET Direction: N/S Owner: PBC WUD Marked By: HR Thickness: N/A Type: NATURAL GROUND Soil Conditions: DRY Soil By: REBAR & CAP Coordinates at TOP of UTILITY Northing: 797188.91 Easting: 921404.96 Elevation: 15.37 Datum: NAVD83 Units: US Survey Feet Metric	
NOTES			
(*): UTILITY MATERIALS Duct: PE (Polyethylene Pipe) Lead: HDPE (High Density PE) Steel: VCP (Vitriol Clay Pipe) Copper: PVC (Polyvinyl Chloride) AC (Transite): DBC (Direct Buried Cable) CI (Cast Iron): CMP (Corrugated Metal Pipe) FG (Fiberglass): CPP (Corrugated Plastic Pipe) Cone (Concrete): RCP (Reinforced Concrete Pipe) Link (Unknown): Other: Sals (Salvance Pipe) DIP (Ductile Iron Pipe)			

TEST HOLE DATA FORM			
Proj. No.:	24-099	Test Hole No.:	TH09
Client Proj. No.:		Date Excavated:	10/16/2024
Proj. City / State:	BOYNTON BEACH, FLORIDA	Truck No.:	VACMASTER
Country:	FLORIDA	SUE Crew:	HR, AG, EF
Project Name:	LYONS & L-30 CANAL	Prepared By:	KK
Project Location:	LYONS ROAD	Checked By:	DR
IMAGES			
			
PLAN VIEW		UTILITIES FOUND	
		Size: 18 INCH Material (%): DUCTILE IRON Type: WATER MAIN Manual Depth: 4.00 FEET Direction: N/S Owner: PBC WUD Marked By: HR Thickness: N/A Type: NATURAL GROUND Soil Conditions: DRY Soil By: REBAR & CAP Coordinates at TOP of UTILITY Northing: 797213.52 Easting: 921443.57 Elevation: 15.47 Datum: NAVD83 Units: US Survey Feet Metric	
NOTES			
(*): UTILITY MATERIALS Duct: PE (Polyethylene Pipe) Lead: HDPE (High Density PE) Steel: VCP (Vitriol Clay Pipe) Copper: PVC (Polyvinyl Chloride) AC (Transite): DBC (Direct Buried Cable) CI (Cast Iron): CMP (Corrugated Metal Pipe) FG (Fiberglass): CPP (Corrugated Plastic Pipe) Cone (Concrete): RCP (Reinforced Concrete Pipe) Link (Unknown): Other: Sals (Salvance Pipe) DIP (Ductile Iron Pipe)			

TEST HOLE DATA FORM			
Proj. No.:	24-099	Test Hole No.:	TH09
Client Proj. No.:		Date Excavated:	10/16/2024
Proj. City / State:	BOYNTON BEACH, FLORIDA	Truck No.:	VACMASTER
Country:	FLORIDA	SUE Crew:	HR, AG, EF
Project Name:	LYONS & L-30 CANAL	Prepared By:	KK
Project Location:	LYONS ROAD	Checked By:	DR
IMAGES			
			
PLAN VIEW		UTILITIES FOUND	
		Size: 18 INCH Material (%): DUCTILE IRON Type: WATER MAIN Manual Depth: 2.90 FEET Direction: N/S Owner: PBC WUD Marked By: HR Thickness: N/A Type: NATURAL GROUND Soil Conditions: DRY Soil By: REBAR & CAP Coordinates at TOP of UTILITY Northing: 797226.39 Easting: 921443.18 Elevation: 15.43 Datum: NAVD83 Units: US Survey Feet Metric	
NOTES			
(*): UTILITY MATERIALS Duct: PE (Polyethylene Pipe) Lead: HDPE (High Density PE) Steel: VCP (Vitriol Clay Pipe) Copper: PVC (Polyvinyl Chloride) AC (Transite): DBC (Direct Buried Cable) CI (Cast Iron): CMP (Corrugated Metal Pipe) FG (Fiberglass): CPP (Corrugated Plastic Pipe) Cone (Concrete): RCP (Reinforced Concrete Pipe) Link (Unknown): Other: Sals (Salvance Pipe) DIP (Ductile Iron Pipe)			

TEST HOLE DATA FORM			
Proj. No.:	24-099	Test Hole No.:	TH09A
Client Proj. No.:		Date Excavated:	10/16/2024
Proj. City / State:	BOYNTON BEACH, FLORIDA	Truck No.:	VACMASTER
Country:	FLORIDA	SUE Crew:	HR, AG, EF
Project Name:	LYONS & L-30 CANAL	Prepared By:	KK
Project Location:	LYONS ROAD	Checked By:	DR
IMAGES			
			
PLAN VIEW		UTILITIES FOUND	
		Size: 18 INCH Material (%): DUCTILE IRON Type: WATER MAIN Manual Depth: 3.10 FEET Direction: N/S Owner: PBC WUD Marked By: HR Thickness: N/A Type: NATURAL GROUND Soil Conditions: DRY Soil By: REBAR & CAP Coordinates at TOP of UTILITY Northing: 797226.01 Easting: 921443.94 Elevation: 15.51 Datum: NAVD83 Units: US Survey Feet Metric	
NOTES			
(*): UTILITY MATERIALS Duct: PE (Polyethylene Pipe) Lead: HDPE (High Density PE) Steel: VCP (Vitriol Clay Pipe) Copper: PVC (Polyvinyl Chloride) AC (Transite): DBC (Direct Buried Cable) CI (Cast Iron): CMP (Corrugated Metal Pipe) FG (Fiberglass): CPP (Corrugated Plastic Pipe) Cone (Concrete): RCP (Reinforced Concrete Pipe) Link (Unknown): Other: Sals (Salvance Pipe) DIP (Ductile Iron Pipe)			

TEST HOLE DATA FORM			
Proj. No.:	24-099	Test Hole No.:	TH09B
Client Proj. No.:		Date Excavated:	10/16/2024
Proj. City / State:	BOYNTON BEACH, FLORIDA	Truck No.:	VACMASTER
Country:	FLORIDA	SUE Crew:	HR, AG, EF
Project Name:	LYONS & L-30 CANAL	Prepared By:	KK
Project Location:	LYONS ROAD	Checked By:	DR
IMAGES			
			
PLAN VIEW		UTILITIES FOUND	
		Size: 18 INCH Material (%): DUCTILE IRON Type: WATER MAIN Manual Depth: 3.70 FEET Direction: N/S Owner: PBC WUD Marked By: HR Thickness: N/A Type: NATURAL GROUND Soil Conditions: DRY Soil By: REBAR & CAP Coordinates at TOP of UTILITY Northing: 797230.41 Easting: 921442.95 Elevation: 15.50 Datum: NAVD83 Units: US Survey Feet Metric	
NOTES			
(*): UTILITY MATERIALS Duct: PE (Polyethylene Pipe) Lead: HDPE (High Density PE) Steel: VCP (Vitriol Clay Pipe) Copper: PVC (Polyvinyl Chloride) AC (Transite): DBC (Direct Buried Cable) CI (Cast Iron): CMP (Corrugated Metal Pipe) FG (Fiberglass): CPP (Corrugated Plastic Pipe) Cone (Concrete): RCP (Reinforced Concrete Pipe) Link (Unknown): Other: Sals (Salvance Pipe) DIP (Ductile Iron Pipe)			



RITZEL-MASON INC.
DENNIS A. RITZEL
PSM LICENSE NO.: LS6953
5330 VAN BUREN ROAD
DELRAY BEACH, FL 33484
PHONE: 786.472.0358

NO.	REVISION	BY	DATE



PALM BEACH COUNTY
ENGINEERING AND PUBLIC WORKS
ROADWAY PRODUCTION
P.O. BOX 21229, WEST PALM BEACH, FL 33406

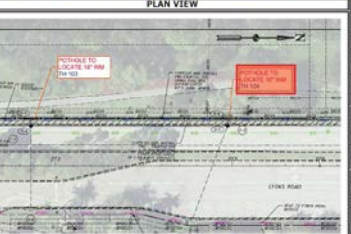
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APPROVED: DR
DRAWN: LF
CHECKED: DR
DATE: 08/26

TEST HOLE INFORMATION DATA

LYONS ROAD FROM LWDD L-30 CANAL TO BOYNTON BEACH BLVD
(PBCWUD WM, FM, & RCWM UTILITY RELOCATION)

SHEET: UT-46
OF: UT-69
WUD PROJECT
NO. 24-019

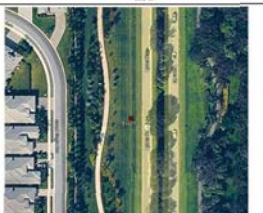
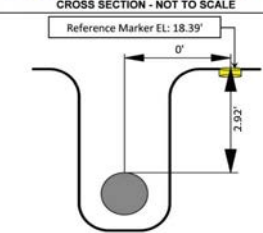
 A SURVEYING & MAPPING FIRM 5119 Beechwood Road, Delray Beach, FL 33484 Phone: 786-472-0358	TEST HOLE DATA FORM			
	Proj. No.: 24-099	Test Hole No.: TH020	Client Proj. No.: BOYNTON BEACH, FLORIDA	Truck No.: VACMASTER
Proj. City / State: BOYNTON BEACH, FLORIDA		Date Excavated: 10/15/2024	SUE Crew: HR, GM, EF	
County: PALM BEACH		Prepared By: KR	Checked By: DR	
Project Name: LYONS & L-30 CANAL		Project Location: LYONS ROAD		
IMAGES				
				
PLAN VIEW		UTILITIES FOUND		
		Size: 18 INCH Material (*): DUCTILE IRON Type: WATER MAIN Manual Depth: 3.40 FEET Direction: N/S Owner: PBC WUD Marked By: GM Thickness: N/A Type: SURFACE Soil Conditions: NATURAL GROUND D/G By: REBAR & CAP Coordinates at Top of Utility: Northing: 790712.22, Easting: 921436.03, Elevation: 15.49, Datum: NAVD83		
NOTES:		(*): UTILITY MATERIALS		
Duct: PE (Polyethylene Pipe) Lead: HDPE (High Density PE) Steel: VCP (Vitrified Clay Pipe) Copper: PVC (Polyvinyl Chloride) AC (Transite): DBC (Direct Buried Cable) CI (Cast Iron): CMP (Corrugated Metal Pipe) FG (Fiberglass): CPP (Corrugated Plastic Pipe) Cone: (Concrete): RCP (Reinforced Concrete Pipe) Link: (Unknown): Other: Sew: (Sanitary Pipe) DIP (Ductile Iron Pipe)		Duct: PE (Polyethylene Pipe) Lead: HDPE (High Density PE) Steel: VCP (Vitrified Clay Pipe) Copper: PVC (Polyvinyl Chloride) AC (Transite): DBC (Direct Buried Cable) CI (Cast Iron): CMP (Corrugated Metal Pipe) FG (Fiberglass): CPP (Corrugated Plastic Pipe) Cone: (Concrete): RCP (Reinforced Concrete Pipe) Link: (Unknown): Other: Sew: (Sanitary Pipe) DIP (Ductile Iron Pipe)		

 A SURVEYING & MAPPING FIRM 5119 Beechwood Road, Delray Beach, FL 33484 Phone: 786-472-0358	TEST HOLE DATA FORM			
	Proj. No.: 24-099	Test Hole No.: TH020	Client Proj. No.: BOYNTON BEACH, FLORIDA	Truck No.: VACMASTER
Proj. City / State: BOYNTON BEACH, FLORIDA		Date Excavated: 10/15/2024	SUE Crew: HR, GM, EF	
County: PALM BEACH		Prepared By: KR	Checked By: DR	
Project Name: LYONS & L-30 CANAL		Project Location: LYONS ROAD		
IMAGES				
				
PLAN VIEW		UTILITIES FOUND		
		Size: 18 INCH Material (*): DUCTILE IRON Type: WATER MAIN Manual Depth: 3.40 FEET Direction: N/S Owner: PBC WUD Marked By: GM Thickness: N/A Type: SURFACE Soil Conditions: NATURAL GROUND D/G By: REBAR & CAP Coordinates at Top of Utility: Northing: 790712.22, Easting: 921436.03, Elevation: 15.49, Datum: NAVD83		
NOTES:		(*): UTILITY MATERIALS		
Duct: PE (Polyethylene Pipe) Lead: HDPE (High Density PE) Steel: VCP (Vitrified Clay Pipe) Copper: PVC (Polyvinyl Chloride) AC (Transite): DBC (Direct Buried Cable) CI (Cast Iron): CMP (Corrugated Metal Pipe) FG (Fiberglass): CPP (Corrugated Plastic Pipe) Cone: (Concrete): RCP (Reinforced Concrete Pipe) Link: (Unknown): Other: Sew: (Sanitary Pipe) DIP (Ductile Iron Pipe)		Duct: PE (Polyethylene Pipe) Lead: HDPE (High Density PE) Steel: VCP (Vitrified Clay Pipe) Copper: PVC (Polyvinyl Chloride) AC (Transite): DBC (Direct Buried Cable) CI (Cast Iron): CMP (Corrugated Metal Pipe) FG (Fiberglass): CPP (Corrugated Plastic Pipe) Cone: (Concrete): RCP (Reinforced Concrete Pipe) Link: (Unknown): Other: Sew: (Sanitary Pipe) DIP (Ductile Iron Pipe)		

 A SURVEYING & MAPPING FIRM 5119 Beechwood Road, Delray Beach, FL 33484 Phone: 786-472-0358	TEST HOLE DATA FORM			
	Proj. No.: 24-099	Test Hole No.: TH020	Client Proj. No.: BOYNTON BEACH, FLORIDA	Truck No.: VACMASTER
Proj. City / State: BOYNTON BEACH, FLORIDA		Date Excavated: 10/15/2024	SUE Crew: HR, GM, EF	
County: PALM BEACH		Prepared By: KR	Checked By: DR	
Project Name: LYONS & L-30 CANAL		Project Location: LYONS ROAD & BOYNTON BEACH BLVD		
IMAGES				
				
PLAN VIEW		UTILITIES FOUND		
		Size: 18 INCH Material (*): DUCTILE IRON Type: WATER MAIN Manual Depth: 3.50 FEET Direction: N/S Owner: PBC WUD Marked By: GM Thickness: N/A Type: SURFACE Soil Conditions: NATURAL GROUND D/G By: IRON ROD & CAP Coordinates at Top of Utility: Northing: 790339.33, Easting: 921417.17, Elevation: 14.64, Datum: NAVD83		
NOTES:		(*): UTILITY MATERIALS		
COULD NOT OBTAIN SIZE AND VISUAL DUE TO WATER TABLE.		Duct: PE (Polyethylene Pipe) Lead: HDPE (High Density PE) Steel: VCP (Vitrified Clay Pipe) Copper: PVC (Polyvinyl Chloride) AC (Transite): DBC (Direct Buried Cable) CI (Cast Iron): CMP (Corrugated Metal Pipe) FG (Fiberglass): CPP (Corrugated Plastic Pipe) Cone: (Concrete): RCP (Reinforced Concrete Pipe) Link: (Unknown): Other: Sew: (Sanitary Pipe) DIP (Ductile Iron Pipe)		

 A SURVEYING & MAPPING FIRM 5119 Beechwood Road, Delray Beach, FL 33484 Phone: 786-472-0358	TEST HOLE DATA FORM			
	Proj. No.: 24-099	Test Hole No.: TH020	Client Proj. No.: BOYNTON BEACH, FLORIDA	Truck No.: VACMASTER
Proj. City / State: BOYNTON BEACH, FLORIDA		Date Excavated: 10/15/2024	SUE Crew: HR, GM, EF	
County: PALM BEACH		Prepared By: KR	Checked By: DR	
Project Name: LYONS & L-30 CANAL		Project Location: LYONS ROAD & BOYNTON BEACH BLVD		
IMAGES				
				
PLAN VIEW		UTILITIES FOUND		
		Size: 18 INCH Material (*): DUCTILE IRON Type: FORCE MAIN Manual Depth: 8.90 FEET Direction: N/S Owner: PBC WUD Marked By: AM Thickness: N/A Type: SURFACE Soil Conditions: NATURAL GROUND D/G By: IRON ROD & CAP Coordinates at Top of Utility: Northing: 790332.88, Easting: 921363.88, Elevation: 22.84, Datum: NAVD83		
NOTES:		(*): UTILITY MATERIALS		
UNABLE TO OBTAIN PHOTO AND PIPE SIZE IN TEST HOLE OBTAINED UTILITY SIZE AT NEARBY CANAL.		Duct: PE (Polyethylene Pipe) Lead: HDPE (High Density PE) Steel: VCP (Vitrified Clay Pipe) Copper: PVC (Polyvinyl Chloride) AC (Transite): DBC (Direct Buried Cable) CI (Cast Iron): CMP (Corrugated Metal Pipe) FG (Fiberglass): CPP (Corrugated Plastic Pipe) Cone: (Concrete): RCP (Reinforced Concrete Pipe) Link: (Unknown): Other: Sew: (Sanitary Pipe) DIP (Ductile Iron Pipe)		

 A SURVEYING & MAPPING FIRM 5119 Beechwood Road, Delray Beach, FL 33484 Phone: 786-472-0358	TEST HOLE DATA FORM			
	Proj. No.: 24-099	Test Hole No.: TH020	Client Proj. No.: BOYNTON BEACH, FLORIDA	Truck No.: AIRSPACE
Proj. City / State: BOYNTON BEACH, FLORIDA		Date Excavated: 10/15/2024	SUE Crew: AM, DA, JA	
County: PALM BEACH		Prepared By: KR	Checked By: DR	
Project Name: LYONS & L-30 CANAL		Project Location: LYONS ROAD & BOYNTON BEACH BLVD		
IMAGES				
				
PLAN VIEW		UTILITIES FOUND		
		Size: 18 INCH Material (*): DUCTILE IRON Type: WATER MAIN Manual Depth: 4.84 FEET Direction: E-W Owner: PBC WUD Marked By: GM Thickness: 3 INCH Type: CONCRETE Soil Conditions: DRY D/G By: NAIL & DSC Coordinates at Top of Utility: Northing: 790336.13, Easting: 921397.58, Elevation: 15.19, Datum: NAVD83		
NOTES:		(*): UTILITY MATERIALS		
Duct: PE (Polyethylene Pipe) Lead: HDPE (High Density PE) Steel: VCP (Vitrified Clay Pipe) Copper: PVC (Polyvinyl Chloride) AC (Transite): DBC (Direct Buried Cable) CI (Cast Iron): CMP (Corrugated Metal Pipe) FG (Fiberglass): CPP (Corrugated Plastic Pipe) Cone: (Concrete): RCP (Reinforced Concrete Pipe) Link: (Unknown): Other: Sew: (Sanitary Pipe) DIP (Ductile Iron Pipe)		Duct: PE (Polyethylene Pipe) Lead: HDPE (High Density PE) Steel: VCP (Vitrified Clay Pipe) Copper: PVC (Polyvinyl Chloride) AC (Transite): DBC (Direct Buried Cable) CI (Cast Iron): CMP (Corrugated Metal Pipe) FG (Fiberglass): CPP (Corrugated Plastic Pipe) Cone: (Concrete): RCP (Reinforced Concrete Pipe) Link: (Unknown): Other: Sew: (Sanitary Pipe) DIP (Ductile Iron Pipe)		

 8010 RCA Blvd, Suite 47750 Palm Beach Gardens, FL 33418	Zeman Consulting Group Test Hole Report			
	Test Hole No.: C15	SUE Crew: RV, VF, VD, JG	City: BOYNTON BEACH	County: PALM BEACH COUNTY
Test Hole Date: 8/10/2026		ZOG Project No.: 23117.53	Client: PBCWUD	Location: LYONS RD
Project: 24-019				
MAP		SITE PHOTO		
				
CROSS SECTION - NOT TO SCALE		TEST HOLE		
				
DISCLAIMER: ADDITIONAL MATERIAL AND/OR UTILITIES MAY EXIST BELOW APPARENT BOTTOM				
UTILITY DESCRIPTION		REFERENCE MARKER (RM)		
Utility Type	Cable Television	Point Number	20015	
Utility Material	Polyethylene Pipe	North-South	792422.80	
Utility Direction	North-South	Easting	921475.91	
Utility Size (in)	2 X 2	Elevation (ft)	18.39	
Utility Owner	COMCAST	Location	In Line	
ELEVATION OF UTILITY		Marked By	Iron Rod & Cap "Test Hole"	
Reference Marker Elevation (ft)	18.39	Station	N/A	
Measured Depth of Utility (ft)	2.92	Offset	N/A	
Top of Utility Elevation (ft)	15.47	Coordinate System	Florida State Plane (East) NAD83(11)	
Approx. Bottom of Utility Elev. (ft)	15.15	Vertical Datum	NAVD83	
		Surface type	Natural Ground	
Remarks:				
Revision Notes:				
Review Date: 8/13/2026 Reviewed By: JO				



RITZEL-MASON INC.
DENNIS A. RITZEL
PSM LICENSE NO.: LS6953
5330 VAN BUREN ROAD
DELRAY BEACH, FL 33484
PHONE: 786.472.0358

NO.	REVISION	BY	DATE



PALM BEACH COUNTY
ENGINEERING AND PUBLIC WORKS
ROADWAY PRODUCTION
P.O BOX 21229, WEST PALM BEACH, FL 33406

SCALE: NTS
APPROVED: DR
DRAWN: LF
CHECKED: DR
DATE: 08/26

TEST HOLE INFORMATION DATA

LYONS ROAD FROM LWDD L-30 CANAL TO BOYNTON BEACH BLVD
(PBCWUD WM, FM, & RCWM UTILITY RELOCATION)

SHEET: UT-47
OF: UT-69
WUD PROJECT
NO. 24-019

ZEMAN CONSULTING GROUP			
Zeman Consulting Group Test Hole Report			
Test Hole No:	72	SUE Crew:	MC, CE, RC
Test Hole Date:	3/13/2025	City:	Boynton Beach
ZCG Project No:	23117.20	County:	Palm Beach
Client:	PBCWUD	Location:	Lyons Road
Project:	2018503		
MAP		SITE PHOTO	
CROSS SECTION - NOT TO SCALE		TEST HOLE	
DISCLAIMER: ADDITIONAL MATERIAL AND/OR UTILITIES MAY EXIST BELOW APPARENT BOTTOM			
UTILITY DESCRIPTION		REFERENCE MARKER (RM)	
Utility Type	Reclaimed Water	Point Number	25001
Utility Material	Ductile Iron Pipe	North	787180.32
Utility Direction	North-South	Easting	921558.22
Utility Size (in)	16"	Elevation (ft)	18.42'
Utility Owner	Palm Beach County	Location	In Line
ELEVATION OF UTILITY		Marked By: Iron Rod & Cap "Test Hole"	
Reference Marker Elevation (ft)	19.42'	Station	N/A
Measured Depth of Utility (ft)	4.2'	Offset	N/A
Top of Utility Elevation (ft)	15.22'	Coordinate System	Florida State Plane (East) NAD83(11)
Bottom of Utility Elevation (ft)	13.89'	Vertical Datum	NAVD88
Surface type	Natural Ground		
Remarks:			
Revision Notes:		Review Date:	3/25/2025
		Reviewed By:	RB

ZEMAN CONSULTING GROUP			
Zeman Consulting Group Test Hole Report			
Test Hole No:	74	SUE Crew:	RV, CE, RC, MC
Test Hole Date:	3/11/2025	City:	Boynton Beach
ZCG Project No:	23117.20	County:	Palm Beach
Client:	PBCWUD	Location:	Lyons Road
Project:	2018503		
MAP		SITE PHOTO	
CROSS SECTION - NOT TO SCALE		TEST HOLE	
DISCLAIMER: ADDITIONAL MATERIAL AND/OR UTILITIES MAY EXIST BELOW APPARENT BOTTOM			
UTILITY DESCRIPTION		REFERENCE MARKER (RM)	
Utility Type	Water Main	Point Number	25031
Utility Material	Ductile Iron Pipe	North	784354.44
Utility Direction	North-South	Easting	921540.74
Utility Size (in)	16"	Elevation (ft)	18.22'
Utility Owner	Palm Beach County	Location	In Line
ELEVATION OF UTILITY		Marked By: Iron Rod & Cap "Test Hole"	
Reference Marker Elevation (ft)	19.22'	Station	N/A
Measured Depth of Utility (ft)	4.94'	Offset	N/A
Top of Utility Elevation (ft)	14.28'	Coordinate System	Florida State Plane (East) NAD83(11)
Bottom of Utility Elevation (ft)	12.95'	Vertical Datum	NAVD88
Surface type	Natural Ground		
Remarks:			
Revision Notes:		Review Date:	3/25/2025
		Reviewed By:	RB

ZEMAN CONSULTING GROUP			
Zeman Consulting Group Test Hole Report			
Test Hole No:	75	SUE Crew:	RV, CE, RC, MC
Test Hole Date:	3/17/2025	City:	Boynton Beach
ZCG Project No:	23117.20	County:	Palm Beach
Client:	PBCWUD	Location:	Lyons Road
Project:	2018503		
MAP		SITE PHOTO	
CROSS SECTION - NOT TO SCALE		TEST HOLE	
DISCLAIMER: ADDITIONAL MATERIAL AND/OR UTILITIES MAY EXIST BELOW APPARENT BOTTOM			
UTILITY DESCRIPTION		REFERENCE MARKER (RM)	
Utility Type	Water Main	Point Number	25025
Utility Material	Ductile Iron Pipe	North	785988.96
Utility Direction	North-South	Easting	921515.79
Utility Size (in)	16"	Elevation (ft)	16.99'
Utility Owner	Palm Beach County	Location	In Line
ELEVATION OF UTILITY		Marked By: Iron Rod & Cap "Test Hole"	
Reference Marker Elevation (ft)	16.99'	Station	N/A
Measured Depth of Utility (ft)	3.08'	Offset	N/A
Top of Utility Elevation (ft)	13.91'	Coordinate System	Florida State Plane (East) NAD83(11)
Bottom of Utility Elevation (ft)	12.58'	Vertical Datum	NAVD88
Surface type	Natural Ground		
Remarks:			
Revision Notes:		Review Date:	3/25/2025
		Reviewed By:	RB

ZEMAN CONSULTING GROUP			
Zeman Consulting Group Test Hole Report			
Test Hole No:	76	SUE Crew:	RV, CE, RC, MC
Test Hole Date:	3/17/2025	City:	Boynton Beach
ZCG Project No:	23117.20	County:	Palm Beach
Client:	PBCWUD	Location:	Lyons Road
Project:	2018503		
MAP		SITE PHOTO	
CROSS SECTION - NOT TO SCALE		TEST HOLE	
DISCLAIMER: ADDITIONAL MATERIAL AND/OR UTILITIES MAY EXIST BELOW APPARENT BOTTOM			
UTILITY DESCRIPTION		REFERENCE MARKER (RM)	
Utility Type	Water Main	Point Number	25027
Utility Material	Ductile Iron Pipe	North	785988.68
Utility Direction	North-South	Easting	921512.46
Utility Size (in)	16"	Elevation (ft)	17.01'
Utility Owner	Palm Beach County	Location	In Line
ELEVATION OF UTILITY		Marked By: Iron Rod & Cap "Test Hole"	
Reference Marker Elevation (ft)	17.01'	Station	N/A
Measured Depth of Utility (ft)	3.08'	Offset	N/A
Top of Utility Elevation (ft)	13.93'	Coordinate System	Florida State Plane (East) NAD83(11)
Bottom of Utility Elevation (ft)	12.6'	Vertical Datum	NAVD88
Surface type	Natural Ground		
Remarks:			
Revision Notes:		Review Date:	3/25/2025
		Reviewed By:	RB

ZEMAN CONSULTING GROUP			
Zeman Consulting Group Test Hole Report			
Test Hole No:	77	SUE Crew:	RV, CE, RC, MC
Test Hole Date:	3/17/2025	City:	Boynton Beach
ZCG Project No:	23117.20	County:	Palm Beach
Client:	PBCWUD	Location:	Lyons Road
Project:	2018503		
MAP		SITE PHOTO	
CROSS SECTION - NOT TO SCALE		TEST HOLE	
DISCLAIMER: ADDITIONAL MATERIAL AND/OR UTILITIES MAY EXIST BELOW APPARENT BOTTOM			
UTILITY DESCRIPTION		REFERENCE MARKER (RM)	
Utility Type	Water Main	Point Number	25025
Utility Material	Ductile Iron Pipe	North	789109.53
Utility Direction	North-South	Easting	921507.41
Utility Size (in)	16"	Elevation (ft)	18.32'
Utility Owner	Palm Beach County	Location	In Line
ELEVATION OF UTILITY		Marked By: Iron Rod & Cap "Test Hole"	
Reference Marker Elevation (ft)	18.32'	Station	N/A
Measured Depth of Utility (ft)	3.44'	Offset	N/A
Top of Utility Elevation (ft)	14.88'	Coordinate System	Florida State Plane (East) NAD83(11)
Bottom of Utility Elevation (ft)	13.55'	Vertical Datum	NAVD88
Surface type	Natural Ground		
Remarks:			
Revision Notes:		Review Date:	3/25/2025
		Reviewed By:	RB

ZEMAN CONSULTING GROUP			
Zeman Consulting Group Test Hole Report			
Test Hole No:	78	SUE Crew:	RV, CE, RC, MC
Test Hole Date:	3/11/2025	City:	Boynton Beach
ZCG Project No:	23117.20	County:	Palm Beach
Client:	PBCWUD	Location:	Lyons Road
Project:	2018503		
MAP		SITE PHOTO	
CROSS SECTION - NOT TO SCALE		TEST HOLE	
DISCLAIMER: ADDITIONAL MATERIAL AND/OR UTILITIES MAY EXIST BELOW APPARENT BOTTOM			
UTILITY DESCRIPTION		REFERENCE MARKER (RM)	
Utility Type	Water Main	Point Number	25023
Utility Material	Ductile Iron Pipe	North	789706.99
Utility Direction	North-South	Easting	921503.12
Utility Size (in)	16"	Elevation (ft)	18.14'
Utility Owner	Palm Beach County	Location	In Line
ELEVATION OF UTILITY		Marked By: Iron Rod & Cap "Test Hole"	
Reference Marker Elevation (ft)	18.14'	Station	N/A
Measured Depth of Utility (ft)	3.78'	Offset	N/A
Top of Utility Elevation (ft)	14.36'	Coordinate System	Florida State Plane (East) NAD83(11)
Bottom of Utility Elevation (ft)	13.03'	Vertical Datum	NAVD88
Surface type	Natural Ground		
Remarks:			
Revision Notes:		Review Date:	3/25/2025
		Reviewed By:	RB

ZEMAN CONSULTING GROUP			
Zeman Consulting Group Test Hole Report			
Test Hole No:	79	SUE Crew:	RV, CE, RC, MC
Test Hole Date:	3/17/2025	City:	Boynton Beach
ZCG Project No:	23117.20	County:	Palm Beach
Client:	PBCWUD	Location:	Lyons Road
Project:	2018503		
MAP		SITE PHOTO	
CROSS SECTION - NOT TO SCALE		TEST HOLE	
DISCLAIMER: ADDITIONAL MATERIAL AND/OR UTILITIES MAY EXIST BELOW APPARENT BOTTOM			
UTILITY DESCRIPTION		REFERENCE MARKER (RM)	
Utility Type	Water Main	Point Number	25021
Utility Material	Ductile Iron Pipe	North	790602.57
Utility Direction	North-South	Easting	921495.35
Utility Size (in)	16"	Elevation (ft)	18.29'
Utility Owner	Palm Beach County	Location	In Line
ELEVATION OF UTILITY		Marked By: Iron Rod & Cap "Test Hole"	
Reference Marker Elevation (ft)	18.29'	Station	N/A
Measured Depth of Utility (ft)	3.25'	Offset	N/A
Top of Utility Elevation (ft)	14.99'	Coordinate System	Florida State Plane (East) NAD83(11)
Bottom of Utility Elevation (ft)	13.69'	Vertical Datum	NAVD88
Surface type	Natural Ground		
Remarks:			
Revision Notes:		Review Date:	3/25/2025
		Reviewed By:	RB

ZEMAN CONSULTING GROUP			
Zeman Consulting Group Test Hole Report			
Test Hole No:	80	SUE Crew:	RV, CE, RC, MC
Test Hole Date:	3/17/2025	City:	Boynton Beach
ZCG Project No:	23117.20	County:	Palm Beach
Client:	PBCWUD	Location:	Lyons Road
Project:	2018503		
MAP		SITE PHOTO	
CROSS SECTION - NOT TO SCALE		TEST HOLE	
DISCLAIMER: ADDITIONAL MATERIAL AND/OR UTILITIES MAY EXIST BELOW APPARENT BOTTOM			
UTILITY DESCRIPTION		REFERENCE MARKER (RM)	
Utility Type	Water Main	Point Number	25019
Utility Material	Ductile Iron Pipe	North	791202.07
Utility Direction	North-South	Easting	921491.08
Utility Size (in)	16"	Elevation (ft)	18.24'
Utility Owner	Palm Beach County	Location	In Line
ELEVATION OF UTILITY		Marked By: Iron Rod & Cap "Test Hole"	
Reference Marker Elevation (ft)	18.24'	Station	N/A
Measured Depth of Utility (ft)	3.52'	Offset	N/A
Top of Utility Elevation (ft)	14.72'	Coordinate System	Florida State Plane (East) NAD83(11)
Bottom of Utility Elevation (ft)	13.39'	Vertical Datum	NAVD88
Surface type	Natural Ground		
Remarks:			
Revision Notes:		Review Date:	3/25/2025
		Reviewed By:	RB



ZEMAN CONSULTING GROUP
MICHAEL ROSS, PSM
PSM LICENSE NO.: 6622
3970 RCA BLVD, SUITE 7750
PALM BEACH GARDENS, FL 33410
PHONE: 561.223-8035

NO.	REVISION	BY	DATE



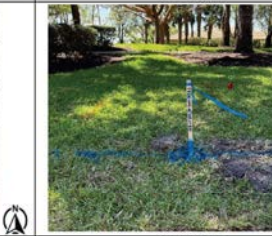
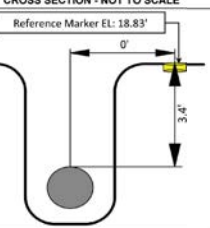
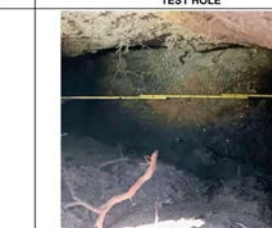
PALM BEACH COUNTY
ENGINEERING AND PUBLIC WORKS
ROADWAY PRODUCTION
P.O. BOX 21229, WEST PALM BEACH, FL 33406

SCALE: NTS
APPROVED: MR
DRAWN: RB
CHECKED: MR
DATE: 08/26

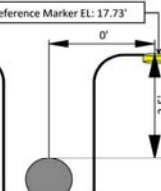
TEST HOLE INFORMATION DATA

LYONS ROAD FROM LWDD L-30 CANAL TO BOYNTON BEACH BLVD
(PBCWUD WM, FM, & RCWM UTILITY RELOCATION)

SHEET: UT-48
OF: UT-69
WUD PROJECT
NO. 24-019

		ZEMAN CONSULTING GROUP Test Hole Report	
Test Hole No:	88	SUE Crew	MC, CE, RC
Test Hole Date:	3/13/2025	City	Boynton Beach
ZCG Project No:	23117.20	County	Palm Beach
Client:	PBCWAUD	Location:	Lyons Road
Project:	2016503		
MAP		SITE PHOTO	
			
CROSS SECTION - NOT TO SCALE			
			
TEST HOLE			
			
DISCLAIMER: ADDITIONAL MATERIAL AND/OR UTILITIES MAY EXIST BELOW APPARENT BOTTOM			
UTILITY DESCRIPTION		REFERENCE MARKER (RM)	
Utility Type	Water Main	Point Number	25003
Utility Material	Ductile Iron Pipe	Northing	797054.21
Utility Direction	North-South	Easting	821451.09
Utility Size (in)	16"	Elevation (ft)	18.87
Utility Owner	Palm Beach County	Location	In Line
ELEVATION OF UTILITY		Marked By	Iron Rod & Cap "Test Hole"
Reference Marker Elevation (ft)	18.83'	Station	N/A
Measured Depth of Utility (ft)	3.4'	Offset	N/A
Top of Utility Elevation (ft)	15.43'	Coordinate System	Florida State Plane (East) NAD83(11)
Bottom of Utility Elevation (ft)	14.1'	Vertical Datum	NAVD88
		Surface type	Natural Ground
Remarks:			
Revision Notes:			

SHEET: UT-49
OF: UT-69
WUD PROJECT
NO. 24-019

Zeman Consulting Group Test Hole Report																							
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">Test Hole No:</td> <td style="width: 33%;">C4A</td> <td style="width: 33%;">SUE Crew</td> <td style="width: 33%;">RV, JG, EB</td> </tr> <tr> <td>Test Hole Date:</td> <td>8/11/2026</td> <td>City</td> <td>BOYNTON BEACH</td> </tr> <tr> <td>ZCG Project No:</td> <td>23117 53</td> <td>County</td> <td>PALM BEACH COUNTY</td> </tr> <tr> <td>Client</td> <td>PBCWUD</td> <td>Location</td> <td>LYONS RD</td> </tr> <tr> <td>Project</td> <td colspan="3">24-019</td> </tr> </table>			Test Hole No:	C4A	SUE Crew	RV, JG, EB	Test Hole Date:	8/11/2026	City	BOYNTON BEACH	ZCG Project No:	23117 53	County	PALM BEACH COUNTY	Client	PBCWUD	Location	LYONS RD	Project	24-019		
Test Hole No:	C4A	SUE Crew	RV, JG, EB																				
Test Hole Date:	8/11/2026	City	BOYNTON BEACH																				
ZCG Project No:	23117 53	County	PALM BEACH COUNTY																				
Client	PBCWUD	Location	LYONS RD																				
Project	24-019																						
MAP		SITE PHOTO																					
																							
CROSS SECTION - NOT TO SCALE		TEST HOLE																					
																							
DISCLAIMER: ADDITIONAL MATERIAL AND/OR UTILITIES MAY EXIST BELOW APPARENT BOTTOM																							
UTILITY DESCRIPTION		REFERENCE MARKER (RM)																					
Utility Type	Water Main	Point Number	20035																				
Utility Material	Ductile Iron Pipe	Naming	789135.12																				
Utility Direction	North-South	Easting	921508.07																				
Utility Size (in)	N/A	Elevation (ft)	17.73																				
Utility Owner	PBC	Location	In Line																				
ELEVATION OF UTILITY		Marked By																					
Reference Marker Elevation (ft)	17.73	Station	N/A																				
Measured Depth of Utility (ft)	2.5'	Offset	N/A																				
Top of Utility Elevation (ft)	15.23'	Coordinate System	Florida State Plane (East) NAD83(11)																				
Approx. Bottom of Utility Elev. (ft)	N/A	Vertical Datum	NAVD88																				
		Surface type	Asphalt (4 in.)																				
Remarks: UNABLE TO OBTAIN PIPE SIZE																							
Revision Notes:		Review Date: 8/13/2026 Reviewed By: JO																					

		Zeman Consulting Group Test Hole Report	
3070 RCA Blvd, Suite #708 Palm Beach Gardens, FL 33410		Test Hole No: C7A Test Hole Date: 8/10/2026 ZCG Project No: 23117 53 Client: PBCWUD Project: 24-019	SUE Crew City: BOYNTON BEACH County: PALM BEACH COUNTY Location: LYONS RD
MAP		SITE PHOTO	
CROSS SECTION - NOT TO SCALE		TEST HOLE	
DISCLAIMER: ADDITIONAL MATERIAL AND/OR UTILITIES MAY EXIST BELOW APPARENT BOTTOM			
UTILITY DESCRIPTION		REFERENCE MARKER (RM)	
Utility Type	Water Main	Point Number	20009
Utility Material	Ductile Iron Pipe	Northing	789602 13
Utility Direction	North-South	Easting	921503 55
Utility Size (in)	12"	Elevation (ft)	18.32'
Utility Owner	PBC	Location	In Line
ELEVATION OF UTILITY		REFERENCE MARKER (RM)	
Reference Marker Elevation (ft)	18.32'	Marked By	Iron Rod & Cap "Test Hole"
Measured Depth of Utility (ft)	3.72'	Station	N/A
Top of Utility Elevation (ft)	14.6'	Offset	N/A
Approx. Bottom of Utility Elev. (ft)	13.6'	Coordinate System	Florida State Plane (East) NAD83(11)
		Vertical Datum	NAVD88
		Surface type	Natural Ground
Remarks:			
Review Date: 8/13/2026 Reviewed By: JO			

C:\Users\FensonMasse\Documents\PROJECTS - PBC\CADD FILES\DOT\WUD\LYONS_RR_08222026\B8B INTERSECTION - CADD\Utilities\BORDER01-UT-ZCG-TH.dgn 6/31/25 PM FensonMasse

Zeman Consulting Group Test Hole Report			
Test Hole No:	C8	SUE Crew	RV, WF, VD, JG
Test Hole Date:	8/10/2026	City:	BOYNTON BEACH
ZCG Project No:	23117.53	County:	PALM BEACH COUNTY
Client:	PBCWUD	Location:	LYONS RD
Project:	24-019		
MAP	SITE PHOTO		
CROSS SECTION - NOT TO SCALE	TEST HOLE		
DISCLAIMER: ADDITIONAL MATERIAL AND/OR UTILITIES MAY EXIST BELOW APPARENT BOTTOM			
UTILITY DESCRIPTION		REFERENCE MARKER (RM)	
Utility Type	Gas Line	Point Number	20006
Utility Material	Polyethylene Pipe	Northings	789727.89
Utility Direction	North-South	Easting	921505.08
Utility Size (in)	6"	Elevation (ft)	18.16'
Utility Owner	FPUC	Location	In Line
ELEVATION OF UTILITY		Marked By: Iron Rod & Cap "Test Hole"	
Reference Marker Elevation (ft)	18.16'	Station	N/A
Measured Depth of Utility (ft)	6.02'	Offset	N/A
Top of Utility Elevation (ft)	12.14'	Coordinate System	Florida State Plane (East) NAD83(11)
Approx. Bottom of Utility Elev. (ft)	11.64'	Vertical Datum	NAVD88
		Surface type	Natural Ground
Remarks: UNABLE TO VISUALLY VERIFY PIPE SIZE DUE TO HOLE COLLAPSING. WE WERE ABLE TO VERIFY THE PIPE SIZE THROUGH ANOTHER HOLE WHERE THE LINE WAS EXPOSED.			
Revision Notes:		Review Date: 8/13/2026	Reviewed By: JO

Zeman Consulting Group Test Hole Report			
Test Hole No:	C9	SUE Crew	RV, WF, VD, JG
Test Hole Date:	8/10/2026	City:	BOYNTON BEACH
ZCG Project No:	23117.53	County:	PALM BEACH COUNTY
Client:	PBCWUD	Location:	LYONS RD
Project:	24-019		
MAP	SITE PHOTO		
CROSS SECTION - NOT TO SCALE	TEST HOLE		
DISCLAIMER: ADDITIONAL MATERIAL AND/OR UTILITIES MAY EXIST BELOW APPARENT BOTTOM			
UTILITY DESCRIPTION		REFERENCE MARKER (RM)	
Utility Type	Gas Line	Point Number	20028
Utility Material	Polyethylene Pipe	Northings	791776.39
Utility Direction	North-South	Easting	921483.70
Utility Size (in)	6"	Elevation (ft)	18.35'
Utility Owner	FPUC	Location	In Line
ELEVATION OF UTILITY		Marked By: Iron Rod & Cap "Test Hole"	
Reference Marker Elevation (ft)	18.35'	Station	N/A
Measured Depth of Utility (ft)	2.74'	Offset	N/A
Top of Utility Elevation (ft)	15.61'	Coordinate System	Florida State Plane (East) NAD83(11)
Approx. Bottom of Utility Elev. (ft)	15.11'	Vertical Datum	NAVD88
		Surface type	Natural Ground
Remarks:			
Revision Notes:		Review Date: 8/13/2026	Reviewed By: JO

Zeman Consulting Group Test Hole Report			
Test Hole No:	C10	SUE Crew	RV, WF, VD, JG
Test Hole Date:	8/10/2026	City:	BOYNTON BEACH
ZCG Project No:	23117.53	County:	PALM BEACH COUNTY
Client:	PBCWUD	Location:	LYONS RD
Project:	24-019		
MAP	SITE PHOTO		
CROSS SECTION - NOT TO SCALE	TEST HOLE		
DISCLAIMER: ADDITIONAL MATERIAL AND/OR UTILITIES MAY EXIST BELOW APPARENT BOTTOM			
UTILITY DESCRIPTION		REFERENCE MARKER (RM)	
Utility Type	Gas Line	Point Number	20024
Utility Material	Polyethylene Pipe	Northings	791822.61
Utility Direction	North-South	Easting	921484.17
Utility Size (in)	6"	Elevation (ft)	18.02'
Utility Owner	FPUC	Location	In Line
ELEVATION OF UTILITY		Marked By: Iron Rod & Cap "Test Hole"	
Reference Marker Elevation (ft)	18.02'	Station	N/A
Measured Depth of Utility (ft)	2.48'	Offset	N/A
Top of Utility Elevation (ft)	15.54'	Coordinate System	Florida State Plane (East) NAD83(11)
Approx. Bottom of Utility Elev. (ft)	15.04'	Vertical Datum	NAVD88
		Surface type	Natural Ground
Remarks:			
Revision Notes:		Review Date: 8/13/2026	Reviewed By: JO

Zeman Consulting Group Test Hole Report			
Test Hole No:	C11	SUE Crew	RV, WF, VD, JG
Test Hole Date:	8/10/2026	City:	BOYNTON BEACH
ZCG Project No:	23117.53	County:	PALM BEACH COUNTY
Client:	PBCWUD	Location:	LYONS RD
Project:	24-019		
MAP	SITE PHOTO		
CROSS SECTION - NOT TO SCALE	TEST HOLE		
DISCLAIMER: ADDITIONAL MATERIAL AND/OR UTILITIES MAY EXIST BELOW APPARENT BOTTOM			
UTILITY DESCRIPTION		REFERENCE MARKER (RM)	
Utility Type	Cable Television	Point Number	20026
Utility Material	Polyethylene Pipe	Northings	791803.66
Utility Direction	North-South	Easting	921472.48
Utility Size (in)	2"	Elevation (ft)	18.57'
Utility Owner	COMCAST	Location	In Line
ELEVATION OF UTILITY		Marked By: Iron Rod & Cap "Test Hole"	
Reference Marker Elevation (ft)	18.57'	Station	N/A
Measured Depth of Utility (ft)	2.18'	Offset	N/A
Top of Utility Elevation (ft)	16.39'	Coordinate System	Florida State Plane (East) NAD83(11)
Approx. Bottom of Utility Elev. (ft)	16.22'	Vertical Datum	NAVD88
		Surface type	Natural Ground
Remarks:			
Revision Notes:		Review Date: 8/13/2026	Reviewed By: JO

Zeman Consulting Group Test Hole Report			
Test Hole No:	C12	SUE Crew	RV, WF, VD, JG
Test Hole Date:	8/10/2026	City:	BOYNTON BEACH
ZCG Project No:	23117.53	County:	PALM BEACH COUNTY
Client:	PBCWUD	Location:	LYONS RD
Project:	24-019		
MAP	SITE PHOTO		
CROSS SECTION - NOT TO SCALE	TEST HOLE		
DISCLAIMER: ADDITIONAL MATERIAL AND/OR UTILITIES MAY EXIST BELOW APPARENT BOTTOM			
UTILITY DESCRIPTION		REFERENCE MARKER (RM)	
Utility Type	Gas Line	Point Number	20021
Utility Material	Polyethylene Pipe	Northings	792386.60
Utility Direction	North-South	Easting	921481.52
Utility Size (in)	6"	Elevation (ft)	18.22'
Utility Owner	FPUC	Location	In Line
ELEVATION OF UTILITY		Marked By: Iron Rod & Cap "Test Hole"	
Reference Marker Elevation (ft)	18.22'	Station	N/A
Measured Depth of Utility (ft)	4.72'	Offset	N/A
Top of Utility Elevation (ft)	13.5'	Coordinate System	Florida State Plane (East) NAD83(11)
Approx. Bottom of Utility Elev. (ft)	13'	Vertical Datum	NAVD88
		Surface type	Natural Ground
Remarks: UNABLE TO VISUALLY VERIFY PIPE SIZE DUE TO HOLE COLLAPSING. WE WERE ABLE TO VERIFY THE PIPE SIZE THROUGH ANOTHER HOLE WHERE THE LINE WAS EXPOSED.			
Revision Notes:		Review Date: 8/13/2026	Reviewed By: JO

Zeman Consulting Group Test Hole Report			
Test Hole No:	C12A	SUE Crew	RV, WF, VD, JG
Test Hole Date:	8/10/2026	City:	BOYNTON BEACH
ZCG Project No:	23117.53	County:	PALM BEACH COUNTY
Client:	PBCWUD	Location:	LYONS RD
Project:	24-019		
MAP	SITE PHOTO		
CROSS SECTION - NOT TO SCALE	TEST HOLE		
DISCLAIMER: ADDITIONAL MATERIAL AND/OR UTILITIES MAY EXIST BELOW APPARENT BOTTOM			
UTILITY DESCRIPTION		REFERENCE MARKER (RM)	
Utility Type	Water Main	Point Number	20020
Utility Material	Ductile Iron Pipe	Northings	792386.26
Utility Direction	North-South	Easting	921482.08
Utility Size (in)	18"	Elevation (ft)	18.13'
Utility Owner	PBC	Location	In Line
ELEVATION OF UTILITY		Marked By: Iron Rod & Cap "Test Hole"	
Reference Marker Elevation (ft)	18.13'	Station	N/A
Measured Depth of Utility (ft)	3.26'	Offset	N/A
Top of Utility Elevation (ft)	14.87'	Coordinate System	Florida State Plane (East) NAD83(11)
Approx. Bottom of Utility Elev. (ft)	13.37'	Vertical Datum	NAVD88
		Surface type	Natural Ground
Remarks:			
Revision Notes:		Review Date: 8/13/2026	Reviewed By: JO

Zeman Consulting Group Test Hole Report			
Test Hole No:	C13	SUE Crew	RV, WF, VD, JG
Test Hole Date:	8/10/2026	City:	BOYNTON BEACH
ZCG Project No:	23117.53	County:	PALM BEACH COUNTY
Client:	PBCWUD	Location:	LYONS RD
Project:	24-019		
MAP	SITE PHOTO		
CROSS SECTION - NOT TO SCALE	TEST HOLE		
DISCLAIMER: ADDITIONAL MATERIAL AND/OR UTILITIES MAY EXIST BELOW APPARENT BOTTOM			
UTILITY DESCRIPTION		REFERENCE MARKER (RM)	
Utility Type	Gas Line	Point Number	20014
Utility Material	Polyethylene Pipe	Northings	792422.95
Utility Direction	North-South	Easting	921480.95
Utility Size (in)	6"	Elevation (ft)	18.36'
Utility Owner	FPUC	Location	In Line
ELEVATION OF UTILITY		Marked By: Iron Rod & Cap "Test Hole"	
Reference Marker Elevation (ft)	18.36'	Station	N/A
Measured Depth of Utility (ft)	4.9'	Offset	N/A
Top of Utility Elevation (ft)	13.46'	Coordinate System	Florida State Plane (East) NAD83(11)
Approx. Bottom of Utility Elev. (ft)	12.96'	Vertical Datum	NAVD88
		Surface type	Natural Ground
Remarks: UNABLE TO VISUALLY VERIFY PIPE SIZE DUE TO HOLE COLLAPSING. WE WERE ABLE TO VERIFY THE PIPE SIZE THROUGH ANOTHER HOLE WHERE THE LINE WAS EXPOSED.			
Revision Notes:		Review Date: 8/13/2026	Reviewed By: JO

Zeman Consulting Group Test Hole Report			
Test Hole No:	C14	SUE Crew	RV, WF, VD, JG
Test Hole Date:	8/10/2026	City:	BOYNTON BEACH
ZCG Project No:	23117.53	County:	PALM BEACH COUNTY
Client:	PBCWUD	Location:	LYONS RD
Project:	24-019		
MAP	SITE PHOTO		
CROSS SECTION - NOT TO SCALE	TEST HOLE		
DISCLAIMER: ADDITIONAL MATERIAL AND/OR UTILITIES MAY EXIST BELOW APPARENT BOTTOM			
UTILITY DESCRIPTION		REFERENCE MARKER (RM)	
Utility Type	Cable Television	Point Number	20022
Utility Material	Polyethylene Pipe	Northings	792386.99
Utility Direction	North-South	Easting	921481.29
Utility Size (in)	2 X 2"	Elevation (ft)	18.22'
Utility Owner	COMCAST	Location	In Line
ELEVATION OF UTILITY		Marked By: Iron Rod & Cap "Test Hole"	
Reference Marker Elevation (ft)	18.22'	Station	N/A
Measured Depth of Utility (ft)	2.9'	Offset	N/A
Top of Utility Elevation (ft)	15.32'	Coordinate System	Florida State Plane (East) NAD83(11)
Approx. Bottom of Utility Elev. (ft)	15.15'	Vertical Datum	NAVD88
		Surface type	Natural Ground
Remarks:			
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NO.	REVISION	BY	DATE



PALM BEACH COUNTY
ENGINEERING AND PUBLIC WORKS
ROADWAY PRODUCTION
P.O. BOX 21229, WEST PALM BEACH, FL 33406

SCALE: NTS
APPROVED: MR
DRAWN: RB
CHECKED: MR
DATE: 08/26

TEST HOLE INFORMATION DATA

LYONS ROAD FROM LWDD L-30 CANAL TO BOYNTON BEACH BLVD
(PBCWUD WM, FM, & RCWM UTILITY RELOCATION)

SHEET: UT-51
OF: UT-69
WUD PROJECT
NO. 24-019

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.