SPRINGFIELD PLANT EMERGENCY GENERATOR SUE TEST HOLE REPORTS

| | ZR. ALEMAN |
|----|---|
| Tr | & Associates, Inc. CONSULTING ENGINEERS 6196 Lake Gray Blvd., Suite 101, Jacksonville, FL 32244 |

Test Hole No.:

| CONSULTING ENGINEERS 6199 Lake Gray Blvd , Suite 101, Jacksonville, FL 32244 | FRA Job No.: 2984 |
|--|---|
| PROJECT NAME: Springfield WTP Subcontract No.: | WORK ORDER No.: 26 |
| LOCATE REQUESTED BY: R.E. Holland & Associates PAVEMENT TYPE: | 5 E |
| | E ASPHALT OVER CONCRETE CKS SIDEWALK N/A |
| LINKNOWN PECLAIMED WATER N/A FIBER OPTIC CARLE | GOOD FAIR POOR N/A |
| FORCE MAIN CATY WATER TEL. ELECTRIC RAW WATER SOIL CONDITIONS: HARD | OFT WET MOIST DRY |
| UNKNOWN RECLAIMED WATER N/A FIBER OPTIC CABLE SAND | CLAY ROCK DIRT SOLID-ROCK |
| MATERIAL AS FOUND: D/I C/I STEEL WRAP-STEEL TILE SHEET No.: | PROPOSED: New Utilities Roadway |
| PLASTIC TERRA COTTA ACP RCP CMP PVC UNK | Mast Arm/Signal Pole Drainage |
| DB CABLE SMOOTH POUR ROUGH POUR GAIN OTHER FORM BY: C.Reyes | ASSISTED BY: T. G. |
| SIZE AS FOUND: 1 SIZE EXPECTED: 1 NUMBER OF HOLES: 1 | Date: 9-4-18 TIME: |
| UTILITY CONDITION: GOOD FAIR POOR N/A INSTALLED: PK HUB S | STEEL PIN CHIS "X" CHIS BOX |
| RIBBON INSTALLED: BLUE YELLOW RED GREEN AT: CROWN E | DGE OF UTILITY: |
| N/A ORANGE WHITE PINK PURPLE SURVEY PIN LOCATED BY: | N/A |
| JOB MEASUREMENT TYPE: | TENTHS METRIC INCHES |
| N/A NOTES: Excavated to a depth o | f.66' |
| 166 . Found a | 1" GAW ERC Line |
| AVA / TIE | DA. |
| N/A ABBOTTOPS | |
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| SURVEY INFORMATION | |
| N/A GIVEN ELEVATION | |
| ESYSTEM (1) | OFFSET: N/A LT / RT |
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Test Hole No.:

2

FRA Job No.:

2984

| PROJECT NAME: Springfield WTP | Subcontract No.: WORK ORDER No.: 26 |
|--|---|
| LOCATE REQUESTED BY: R.E. Holland & Associates | PAVEMENT TYPE: |
| REQUESTED LOCATE: GAS STORM SAN. COMMUNICATION | ASPHALT CONCRETE ASPHALT OVER CONCRETE |
| FORCE MAIN CATV WATER TEL. ELECTRIC RAW WATER | GRAVEL BRICKS SIDEWALK N/A |
| UNKNOWN RECLAIMED WATER N/A FIBER OPTIC CABLE | PAVEMENT CONDITION: GOOD FAIR POOR N/A |
| LOCATED UTILITY: GAS STORM SAN. COMMUNICATION FORCE MAIN CATV WATER TEL. ELECTRIC RAW WATER | SOIL CONDITIONS: HARD SOFT WET MOIST DRY |
| UNKNOWN RECLAIMED WATER N/A FIBER OPTIC CABLE | SAND CLAY ROCK DIRT SOLID-ROCK |
| MATERIAL AS FOUND: D/I C/I STEEL WRAP-STEEL TILE | SHEET No.: PROPOSED: New Utilities Roadway |
| PLASTIC TERRA COTTA ACP RCP CMP PVC UNK | Mast Arm/Signal Pole Drainage |
| DB CABLE SMOOTH POUR ROUGH POUR OTHER | FORM BY: C.Reyes ASSISTED BY: 7. 6 |
| SIZE AS FOUND: SIZE EXPECTED: | NUMBER OF HOLES: 1 Date: 9-4-18 TIME: |
| UTILTIY CONDITION: GOOD FAIR POOR N/A | INSTALLED: PK HUB STEEL PIN CHIS "X" CHIS BOX |
| RIBBON INSTALLED: BLUE YELLOW RED GREEN | AT: CROWN EDGE OF UTILITY: |
| N/A ORANGE WHITE PINK PURPL | ESURVEY PIN LOCATED BY: N/A |
| ELEV BUT EN POL | JOB MEASUREMENT TYPE: TENTHS METRIC INCHES |
| N/A . 20 ¹ | NOTES: Excavated to a depth of 2.07 |
| co.ex(ros) (5.5×m) | Count 16" PUC Storm |
| 2.071 | Found a 16" PUC Storm |
| N/A | sewer |
| ELEVITOR) | |
| CO.49 (SOTTOM) | |
| 3.64 | SURVEY INFORMATION |
| N/A SEASON | GIVEN ELEVATION |
| ELEVISOTION 1,571 Caw | STATION (±) NA OFFSET: NA LT / RT |
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Test Hole No.:

3

FRA Job No.:

2984

| PAVEMENT TYPE: EQUESTED LOCATE: GAS STORM SAN. COMMUNICATION. FORCE MAIN CATV WATER TEL. ELECTRIC RAW WATER UNKNOWN RECLAIMED WATER N/A FIBER OPTIC CABLE OCATED UTILITY: GAS STORM SAN. COMMUNICATION FORCE MAIN CATV WATER TEL. ELECTRIC RAW WATER UNKNOWN RECLAIMED WATER N/A FIBER OPTIC CABLE UNKNOW | | |
|--|--|---------------------------------------|
| EQUISTED LOCATE: GAS STORM SAN. COMMUNICATION FORCE MAIN CATV WATER TEL. (ELECTRIC) RAW WATER OCABLE | PROJECT NAME: Springfield WTP | Subcontract No.: WORK ORDER No.: 26 |
| FORCE MAIN CATY WATER TEL LIECTRIO RAWWATER LINKNOWN RECLAIMED WATER NA FIBER OPTIC CABLE COCTED UTILITY: GAS STORM SAN COMMUNICATION: GOOD FAIR POOR NA FIBER OPTIC CABLE UNKNOWN RECLAIMED WATER NA FIBER OPTIC CABLE SAND CLAY ROCKE DIRT SOLIC CONDITIONS: HARD SOLIC CONDITIONS: HARD CLAY ROCKE DIRT SOLIC CONDITIONS: HARD CLAY ROCKED DIRT SOLIC CONDITIONS: HARD CONDITIONS: HARD CLAY ROCKED DIRT SOLIC CONDITIONS: HARD CONDITIONS: HARD CLAY ROCKED DIRT SOLIC CONDITIONS: HARD CLAY ROCKED DIRT SOLIC CONDITIONS: HARD CONDITIONS: HARD CONDITIONS: HARD CLAY ROCKED DIRT SOLIC CONDITIONS: HARD CONDITIONS: SAID CLAY ROCKED DIRT SOLIC CONDITIONS: HARD COND | OCATE REQUESTED BY: R.E. Holland & Associates | PAVEMENT TYPE: |
| UNKNOWN RECLAIMED WATER NA FIBER OPTIC CABLE PAYEMENT CONDITION: GOOD FAIR POOR MAA CORTED UTILITY: GAS STORM SAN. COMMUNICATION PROFES MAIN CATV WATER TEL. ELECTIFO RAWWATER UNKNOWN RECLAIMED WATER NIA FIBER OPTIC CABLE SAND CLAY ROCK DIRT SOLIDOR SOLIDOROCK ATERIAL AS FOUND: DII CI STEEL WRAP-STEEL TILE PHENT COTTA ACP RCP CMP EVG UNK DB CABLE SMOOTH POUR ROUGH POUR OTHER DB CABLE SMOOTH POUR ROUGH POUR OTHER TILTITY CONDITION: GOOD FAIR POOR NIA DRAMGE WHITE PINK PURPLE SURVEY PIN LOCATED BY: NIA ORANGE WHITE PINK PURPLE SURVEY PIN LOCATED BY: NIA ORANGE WHITE PINK PURPLE SURVEY PIN LOCATED BY: NIA ORANGE WHITE PINK PURPLE SURVEY PIN LOCATED BY: NIA ORANGE WHITE PINK PURPLE SURVEY PIN LOCATED BY: NIA ORANGE WHITE SURVEY PIN LOCATED BY: NIA OFFSET: NIA LIT / RI SURVEY INFORMATION GIVEN ELEVATION STATION (2) JIA OFFSET: NIA LIT / RI COCK DAIL NIA OFFSET: NIA OFFSET ACCORDANCE NIA OFFSET ACCORDAN | REQUESTED LOCATE: GAS STORM SAN. COMMUNICATION. | |
| PAREMENT CONDITION: GOOD FAIR POOR MAD INTERPRETABLED: BLUE YELLOW RED GREEN NIA OTRANGE WHITE PINK PURPLES NIA OTRANGE WHITE PINK PURPLES SURVEY INFORMATION SUR | | |
| COATED UTILITY: GAS STORM SAN COMMUNICATION FORCE MAIN CATE WATER TELL ELECTIFIO RAWWATER OF FORCE MAIN CATE WATER TELL ELECTIFIO RAWWATER OF FORCE MAIN RECLAIMED WATER NA FIBER OPTIC CABLE SAND CLAY ROCK DIRT SOLID-ROCK MATERIAL AS FOUND. DID CI. STEEL WRAP-STEEL TILE PLASTIC TERRACOTTA ACP RCP CMP PVC UNK DE CABLE SMOOTH POUR ROUGH POUR OTHER FORM BY: C. Reyes ASSISTED BY: T. C. IZE AS FOUND: 1-Z ¹¹ & C-1 ¹ SIZE EXPECTED: Z ¹¹ & 1 Number of HOLES: 1 Date: 9-4-18 TIME: | | PAVEMENT CONDITION: GOOD FAIR POOR WA |
| UNKNOWN RECLAIMED WATER NA FIBER OPTIC CABLE ATTERIAL AS FOUND. DI CH STEEL WRAP-STEEL TILE PROPOSED: NA WUINILIES Roadway PLASTIC TERRA COTTA ACP RCP CMP WC UNK DB CABLE SMOOTH POUR ROUGH POUR OTHER FORM BY: C.Reyes ASSISTED BY: T.C. IZE AS FOUND: 1-Z'' \$ G-1" SIZE EXPECTED: Z'' \$ 1" NUMBER OF HOLES: 1 Date: 9-4-18 TIME: | | |
| ATERIAL AS FOUND: Dil C/I STEEL WRAP-STEEL TILE PLASTIC TERRA COTTA ACP RCP CMP PVC UNK DB CABLE SMOOTH POUR ROUGH POUR OTHER ROUGH POUR OTHER PORM BY: C. Reyes ASSTED BY: T. C. IZE AS FOUND: 1 - Z'' - ¼ | | |
| PLASTIC TERRA COTTA ACP RCP CMP (NC) UNK DB CABLE SMOOTH POUR ROUGH POUR OTHER FORM BY: C.Reyes ASSISTED BY: T.C. IZE AS FOUND: 1-2", 4 C-1" SIZE EXPECTED: Z" 4" NUMBER OF HOLES: 1 Date: 9-4-18 TIME: TILLITY CONDITION: GOOD FAIR POOR N/A IBBON INSTALLED: BLUE YELLOW RED GREEN N/A ORANGE WHITE PINK PURPLE N/A N/A ORANGE WHITE PINK PURPLE N/A N/A SURVEY PIN LOCATED BY: N/A NOTES: Excavated to a depth of 3, 60' SURVEY INFORMATION GIVEN ELEVATION STATION (±) DIA OFFSET: N/A LT / RT CONCUMPANT Light Pilk A 3.10' A 3.10' A 3.10' N/A CONCUMPANT CONCUMP | | |
| DB CABLE SMOOTH POUR ROUGH POUR OTHER FORM BY: C. Reyes ASSISTED BY: T.C. IZE AS FOUND: 1-Z ¹¹ & C-1 ⁿ SIZE EXPECTED: Z ⁿ 1 1 Number of Holes: 1 Date: 9-4-18 TIME: TILITY CONDITION: GOOD FAIR POOR N/A INSTALLED: PK HUB STEEL PIN CHIS "X" CHIS BOX IBBON INSTALLED: BLUE YELLOW RED GREEN AT: CROWN EDGE OF UTILITY: N/A ORANGE WHITE PINK PURPLE SURVEY PIN LOCATED BY: N/A SOO BMEASUREMENT TYPE: TENTHS METRIC INCHES NOTES: Excavated to a depth of 3.00' NOTES: Excavated to a depth of 3.00' SURVEY INFORMATION GIVEN ELEVATION STATION (±) DIA OFFSET: N/A LT / RT CONC. VANI Light PIK 43.70 A3.70 CONC. VANI Light PIK 43.70 A3.70 CONC. VANI Light PIK A3.70 A3.70 CONC. VANI CONC. VANI NA CONC. VANI CONC. V | and the second s | N) . |
| IZE AS FOUND: 1-2" 1 | | |
| TILITY CONDITION: GOOD FAIR POOR N/A INSTALLED: PK HUB STEEL PIN CHIS "X" CHIS BOX AT: CROWN EDGE OF UTILITY: N/A ORANGE WHITE PINK PURPLE SURVEY PIN LOCATED BY: N/A JOB MEASUREMENT TYPE: TENTHS, METRIC INCHES NOTES: Excavated to a depth of 3.40' NOTES: Excavated to a depth of 1.76' (JORA) NOTES: Excavated to a depth of 1.76' (JORA) SURVEY INFORMATION SIVEN ELEVATION STATION (4) DIA OFFSET: N/A LIT / RT CONC. WALL 1.00' Edw. STATION (5) DIA OFFSET: N/A LIT / RT CONC. WALL CONC. WAL | | |
| IBBON INSTALLED: BLUE YELLOW NA ORANGE WHITE PINK PURPLE SURVEY PIN LOCATED BY: N/A ORANGE WHITE PINK PURPLE SURVEY PIN LOCATED BY: N/A JOB MEASUREMENT TYPE: TENTHS METRIC INCHES NOTES: Excavated to a depth of 3.00 NOTES: Excavated to a depth of 1.76' (SCRA) Duch at a depth of 1.76' (SCRA) SURVEY INFORMATION GIVEN ELEVATION STATION (2) DIA OFFSET: N/A LT / RT CONC. WAIL 15.15' 28.25' Light Pik A 3.70' A 3.70' A 3.70' CONC. WAIL CO | | |
| N/A ORANGE WHITE PINK PURPLE SURVEY PIN LOCATED BY: N/A LEAD-MOTES: Excavated to a depth of 3.00' N/A LOCATED BY: N/A NOTES: Excavated to a depth of 3.00' Final 1-2" 4 6-1" PVC Electrons Duct at a depth of 1.76' (SCRA) N/A SURVEY INFORMATION GIVEN ELEVATION STATION (£) DIA OFFSET: N? A LT / RT CONC WAIT Light Pik A 3.70' A 3.70' CONC WAIT CONC | | |
| JOB MEASUREMENT TYPE: TENTHS METRIC INCHES N/A NOTES: Excavated to a depth of 3.00' Found 1.2" & 6.1" PVC Thee/comm N/A N/A N/A N/A N/A N/A N/A N | | |
| N/A NOTES: Excavated to a depth of 3.00' Found 1-2" of 6-1" PVC Electron N/A SURVEY INFORMATION GIVEN ELEVATION STATION (4) PLANT OFFSET: N7A LT / RT CONC. WALL CONC. | N/A ORANGE WHITE PINK PURP | |
| SURVEY INFORMATION GIVEN CLESS SURVEY 1.70' N/A BEFORM 1.00' Edw 1.00' | | |
| N/A N/A N/A N/A N/A N/A N/A N/A | | NOTES: Excavated to a depth of 3, 60/ |
| SURVEY INFORMATION GIVEN ELEVATION STATION (2) NIA OFFSET: N7 A LT / RT CONC. WAII SURVEY (INFORMATION GIVEN ELEVATION STATION (2) NIA OFFSET: N7 A LT / RT CONC. WAII C | | |
| SURVEY INFORMATION GIVEN ELEVATION STATION (2) NIA OFFSET: N7 A LT / RT CONC. WAII SURVEY (INFORMATION GIVEN ELEVATION STATION (2) NIA OFFSET: N7 A LT / RT CONC. WAII C | 1.76 | . Found 1-2" & 6-1" PVC Elec/comm |
| SURVEY INFORMATION GIVEN ELEVATION STATION (±) N/A LT / RT CONC. WAII 1.00 | | Duct at a depth of 1.76' (JEIA) |
| SURVEY INFORMATION SIZE SURVEY INFORMATION GIVEN ELEVATION STATION (±) DIA CONC. WALL AS PROPRIED CONC. WALL CONC. WALL STATION (±) DIA CONC. WALL CONC. WALL AS PROPRIED CONC. WALL CONC. WA | | |
| N/A BEZ-SETTERS SIVEN ELEVATION STATION (±) PLAN STATION (±) PLAN STATION (±) STATION (± | | |
| STATION (#) DIA OFFSET: N7A LT / RT CONC WAII Light Polk 28.25 Light Polk (Conc) (AS Pinith) | 2.03 | SURVEY INFORMATION |
| Light Pik 43.70' 28.25' Light Pik N (cont.) | I N/A | GIVEN ELEVATION |
| Light Pik 28.25 Light Pik N N As phalt | EE/,5071049 \ 00' \ E d W | STATION (±) NA OFFSET: NA LT / RT |
| 28.25 / Light Pile N | | conc upll |
| 28.25 / Light Pile N | Light Polk | 1 15.15/ |
| netal (cond) (in) | 43.70 | / S.T.Y |
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| metal (conted) | | - Light Pole |
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Test Hole No.:

4

FRA Job No.:

2984

| | | W.V. O. P. |
|-------------------------|---------------------------------------|---|
| PROJECT NAME: | Springfield WTP | Subcontract No.: WORK ORDER No.: 26 |
| LOCATE REQUES | R.E. Holland & Associates | PAVEMENT TYPE: |
| REQUESTED LOC | CATE: GAS STORM SAN. COMMUNICATION | ASPHALT CONCRETE ASPHALT OVER CONCRETE |
| FORCE MAIN | CATV WATER TEL. ELECTRIC RAW WATER | GRAVEL BRICKS SIDEWALK N/A |
| UNKNOWN | RECLAIMED WATER N/A FIBER OPTIC CABLE | THE POOR NA |
| LOCATED UTILITY | Y: GAS STORM) SAN. COMMUNICATION | PAVEMENT CONDITION: GOOD FAIR POOR N/A |
| | CATV WATER TEL. ELECTRIC RAW WATER | SOIL CONDITIONS: HARD SOFT WET MOIST DRY |
| | RECLAIMED WATER N/A FIBER OPTIC CABLE | MA SAND CLAY ROCK DIRT SOLID-ROCK |
| MATERIAL AS FO | | |
| | ERRA COTTA ACP RCP CMP PVC UNK | Mast Arm/Signal Pole Drainage |
| | SMOOTH POUR ROUGH POUR OTHER | FORM BY: C.Reyes ASSISTED BY: 7.6 |
| | | Α Λ Ι Θ |
| SIZE AS FOUND: | SIZE EXPECTED: (6" | |
| UTILTIY CONDITION | | INSTALLED: PK HUB STEEL PIN CHIS "X" CHIS BOX |
| PANI- | | AT: CROWN EDGE OF UTILITY: |
| L tano | N/A ORANGE WHITE PINK PURPL | E SURVEY PIN LOCATED BY: N/A |
| ELEV BURNEY PH | pa,svert | JOB MEASUREMENT TYPE: <u>TENTHS</u> METRIC INCHES |
| N/A | N/A | NOTES: Excavated to a depth of |
| gynenetter | AD A | , we have |
| 1 441 | NA | Found a 16" DVC Storm Seaver |
| 1.40' | | fame a |
| N/A | | |
| ELEVITOR) CONSER POTTOM | | $\mathcal{L}_{v}^{k,\delta}$ |
| 0 | ī | i e i |
| 2.97 | | SURVEY INFORMATION |
| N/A | WOTH FACING | GIVEN ELEVATION |
| ELEV (SOTTOM) | 1.57' (EAW) | STATION (±) NA OFFSET: NA LT / RT |
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| W. Jane B. | | |
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| | 11 H | Marie Stranger |



& Associates, Inc.
CONSULTING ENGINEERS
6196 Lake Gray Boulevard, Suite 101
Jacksonville, Florida 32244
Telephone: (904) 779-5972
FAX: (904) 779-5974

Utility Designating Sketch

 FRA Job No.:
 2984

 Work Order No.:
 26

 Date:
 8-27-18

 Project Name:
 Spring field WTP

Project Location: 12th St. West

