



| SURVEY DATA       |  | STATIONING        |  |
|-------------------|--|-------------------|--|
| MATCHLINE 5150+00 |  | MATCHLINE 5150+00 |  |
| MATCHLINE 5150+00 |  | MATCHLINE 5200+00 |  |

| ENGINEERING DATA  |  | MATERIAL          |  |
|-------------------|--|-------------------|--|
| MATCHLINE 5150+00 |  | MATCHLINE 5150+00 |  |
| MATCHLINE 5150+00 |  | MATCHLINE 5200+00 |  |

| BILL OF MATERIALS |      |     |   | MISCELLANEOUS MATERIALS |     |              |                 | TYPICAL DRAWINGS       |                     | GENERAL INFORMATION  |  | LEGEND                        |                   | REVISIONS |  | APPROVALS  |        |        |        |                  |    |                              |      |     |
|-------------------|------|-----|---|-------------------------|-----|--------------|-----------------|------------------------|---------------------|--|--|-------------------------------|-------------------|-----------|--|------------|--------|--------|--------|------------------|----|------------------------------|------|-----|
| ITEM NO.          | QTY  | UOM | DESCRIPTION   | QTY                     | UOM | REQ'N NUMBER | MATERIAL NUMBER | DESCRIPTION            | DWG/FIELD BOOK NO.  | TITLE  | 1. THE MINIMUM DEPTH OF COVER FOR THE PROJECT IS 36 INCHES. ADDITIONAL DEPTH OF COVER IS REQUIRED FOR ROAD AND WATERBODY CROSSINGS, AND IS TO BE IN ACCORDANCE WITH REFERENCED PERMIT DRAWINGS, SITE SPECIFIC DRAWINGS, OR CONSTRUCTION SPECIFICATIONS, WHICHEVER IS MORE STRINGENT. | HDD PIPE                      | PIPELINE ROUTE    | NO.       | DESCRIPTION                              | DATE       | REV BY | CHK BY | APP BY | DRAWN BY:        | MB | CONSTRUCTION PERMIT NO.      |      |     |
| Z                 | 5000 | FT  | 30" O.D. x 0.429" W.T., API 5L, X70, PSL2, DSAW, 14-16 MILS FBE | 0                       | EA  |              |                 | SET ON WEIGHTS         | 21040-510-TYP-20001 | PIPELINE MARKERS   | 2. THE BOUNDARIES OF ALL WORK AREAS WILL BE CLEARLY MARKED AND ALL WORK SHALL REMAIN WITHIN THE DESIGNATED WORK AREA.  | BORE PIPE                     | FENCE             | 1         | IFC (UPDATE ENV., RE-ROUTES, FOOT-PRINT) | 2016-04-08 | MB     | MJ     | RG     | PROJECT MANAGER  | RG | MAINTENANCE OPERATION REGION |      |     |
|                   |      |     |   | 4                       | EA  |              |                 | WARNING MARKERS        | 21040-510-TYP-20002 | CATHODIC PROTECTION STD. SINGLE POINT TEST STATION, TYPE 1 | 3. THE REQUIRED STATE ONE CALL NOTIFICATION IS THE RESPONSIBILITY OF THE CONSTRUCTION CONTRACTOR.  | LINE PIPE                     | POWER LINE        | 0         | ISSUED FOR CONSTRUCTION                  | 2015-12-15 | MB     | MJ     | RG     | PROJECT DEF. NO. |    | DESIGN PRESSURE              | 1440 | PSI |
|                   |      |     |   | 1                       | EA  |              |                 | WARNING SIGNS          | 21040-510-TYP-20028 | CP TEST STATION TYPE 1                                     | 4. THE CONTRACTOR SHALL ACCESS THE WORK AREA USING ONLY PUBLIC ROADS AND APPROVED ACCESS ROADS.  | 3R RAD FIT                    | TELEPHONE LINE    |           |  |            |        |        |        |                  |    |                              |      |     |
|                   |      |     |   | 0                       | EA  |              |                 | CP TEST STATION TYPE 2 | 21040-510-TYP-20112 | CP TEST STATION TYPE 2                                     | 5. ADDITIONAL WARNING SIGNS MAY BE REQUIRED AS DICTATED BY CONSTRUCTION CONTRACT.  | INDUCTION BEND                | WATERLINE         |           |  |            |        |        |        |                  |    |                              |      |     |
|                   |      |     |   | 0                       | EA  |              |                 | AERIAL MARKERS         | 21040-510-TYP-20113 | TYPICAL OPEN CUT / BORE                                    | 6. MAP PROJECTION: NAD 1983 HARN STATE PLANE FLORIDA EAST FIPS 0901 FEET. VERTICAL DATUM: NAVD 88.   | TRANSITION PIPE               | SEWER LINE        |           |  |            |        |        |        |                  |    |                              |      |     |
|                   |      |     |   | 0                       | EA  |              |                 | ANODE BED DEEP WELL    | 21040-510-TYP-20114 | WARNING SIGN DETAIL  |  | CONT. CONC. COAT.             | BURIED CABLE      |           |  |            |        |        |        |                  |    |                              |      |     |
|                   |      |     |   | 0                       | EA  |              |                 |                        | 21040-510-TYP-20115 | AERIAL MARKER INSTALLATION DETAIL                          |  | BY MOV. BY & CV               | UTILITY LINE      |           |  |            |        |        |        |                  |    |                              |      |     |
|                   |      |     |   | 0                       | EA  |              |                 |                        | 21040-510-TYP-20116 | AERIAL MARKER DETAIL                                       |  | GENERAL SURVEY                | FOREIGN PIPELINE  |           |  |            |        |        |        |                  |    |                              |      |     |
|                   |      |     |   | 0                       | EA  |              |                 |                        | 21040-510-TYP-20117 | TYPICAL PIPELINE MARKER ASSEMBLY                           |  | RAILROAD                      | HIGHWAY / ROAD    |           |  |            |        |        |        |                  |    |                              |      |     |
|                   |      |     |   | 0                       | EA  |              |                 |                        | 21040-510-TYP-20118 | PIPELINE MARKER "WARNING" DECAL                            |  | PRIVATE ACCESS / SHOOPLY ROAD | COUNTY BOUNDARY   |           |  |            |        |        |        |                  |    |                              |      |     |
|                   |      |     |   |                         |     |              |                 |                        |                     |  |  | ROW PARCEL                    | PLSS SECTION LINE |           |  |            |        |        |        |                  |    |                              |      |     |
|                   |      |     |   |                         |     |              |                 |                        |                     |  |  | TRAP                          | WATER WELL        |           |  |            |        |        |        |                  |    |                              |      |     |
|                   |      |     |   |                         |     |              |                 |                        |                     |  |  | ANODE BED DEEP WELL           | HDD ENTRY / EXIT  |           |  |            |        |        |        |                  |    |                              |      |     |