



- LEGEND**
- EXISTING WATER MAIN
 - PROPOSED WATER MAIN
 - EXISTING SEWER MAIN
 - PROPOSED SEWER MAIN
 - EXISTING DRAINAGE
 - PROPOSED DRAINAGE
 - PROPOSED PAVEMENT
 - EXISTING PAVEMENT TO REMAIN
 - EXISTING PAVEMENT TO BE REMOVED
 - EXISTING PAVEMENT TO BE REMOVED, RE-GRADED, AND REPLACED
 - UTILITIES TO BE REMOVED
 - EXISTING ELEVATIONS
 - PROPOSED ELEVATIONS
 - DIRECTION OF SURFACE RUN-OFF
 - EXISTING TEE
 - PROPOSED TEE
 - EXISTING CATCH BASIN
 - PROPOSED CATCH BASIN
 - EXISTING VALVE
 - PROPOSED VALVE
 - EXISTING MANHOLE
 - PROPOSED MANHOLE
 - EXISTING FIRE HYDRANT
 - PROPOSED FIRE HYDRANT
 - DENOTES BACTERIOLOGICAL SAMPLING POINT

1. INSTALL NEW MANHOLE OVER EXISTING 8" SEWER @ INV. ELEV. 5.4-NW RIM ELEV. 10.7± (REMOVE EXISTING PIPE-NW AFTER ACCEPTANCE OF NEW SEWER)
2. INSTALL NEW MANHOLE OVER EXISTING 8" SEWER @ INV. ELEV. 5.9±-E8SW RIM ELEV. 10.8± (REMOVE EXISTING PIPE-NE & MANHOLE AFTER ACCEPTANCE OF NEW SEWER)
3. CONSTRUCT NEW 4" DIA MANHOLE INTO EXISTING 18" DRAINFIELD. REMOVE EXISTING 18" PIPE (NE) RIM ELEV. 10.3± INV. ELEV. 5.0± (SW)PRB INV. ELEV. 3.0 (E)
4. NEW 4" DIA MANHOLE RIM ELEV. 10.3± INV. ELEV. 3.0 (W & SE)
5. CORE INTO EXISTING CATCH BASIN @ INV. ELEV. 4.0±
6. TYPE "C" CATCH BASIN RIM ELEV. 10.8 INV. ELEV. 4.0 (N & E)
7. TYPE "C" CATCH BASIN RIM ELEV. 9.5 INV. ELEV. 4.0 (W)
8. POLLUTION RETARDANT TYPE "C" CATCH BASIN RIM ELEV. 9.8 INV. ELEV. 6.0 (E) INV. ELEV. 4.0 (W)
9. POLLUTION RETARDANT TYPE "C" CATCH BASIN RIM ELEV. 9.5 INV. ELEV. 6.0 (W) INV. ELEV. 4.0 (E)
10. POLLUTION RETARDANT TYPE "C" CATCH BASIN RIM ELEV. 9.5 INV. ELEV. 4.0 (E,W,S)
11. POLLUTION RETARDANT TYPE "C" CATCH BASIN RIM ELEV. 9.5 INV. ELEV. 4.0 (W)
12. POLLUTION RETARDANT TYPE "C" CATCH BASIN RIM ELEV. 9.5 INV. ELEV. 4.0 (N)

P L A N SCALE: 1" = 30'

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| WATER AND SEWER SYSTEMS PAVING AND DRAINAGE PLAN | | | |
| COLDWELL CONSTRUCTION OAKLAND PARK, FLORIDA | | | |
| SANO JET - PHASE I & II | | | |
| JOHN B. SMITH ENGINEERS, INC. 441 S. STATE ROAD 7, SUITE 19D MARGATE, FLORIDA 33068 PHONE: (954) 783-4177 CERTIFICATE OF AUTHORIZATION NO. 1688 | | | |
| DESIGN R.C.S. | DRAWN RCS | DATE DEC., 2012 | FILE 12-140 |
| Approved By: Robert C. Smith, P.E. Registered Engineer No. 31177 | | | SHEET 3 OF 10 |