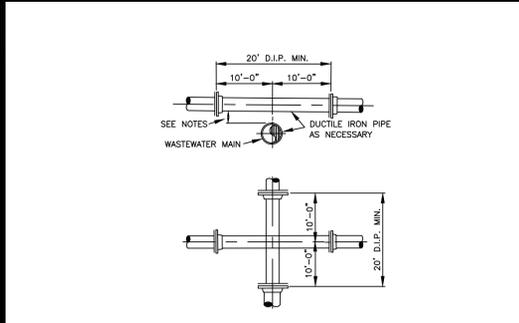


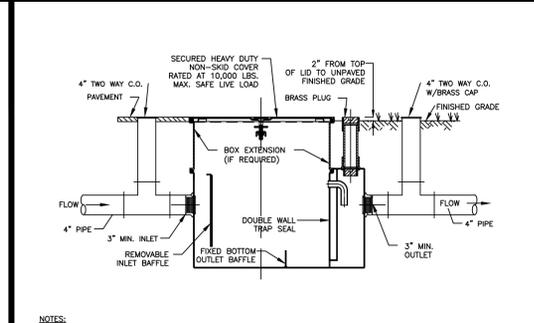
- NOTES: 1. STORM SEWER, GRAVITY WASTEWATER AND RECLAIMED WATER MAIN CROSSING UNDER POTABLE WATER MAINS... 2. WHENEVER POSSIBLE MAINTAIN MIN. TEN (10) FEET HORIZONTAL DISTANCE (WALL TO WALL) BETWEEN POTABLE WATER MAIN AND STORM SEWER, WASTEWATER MAIN, OR FORCE MAIN...

POTABLE WATER MAIN/FORCE MAIN PRESSURE PIPE CONFLICT 5S



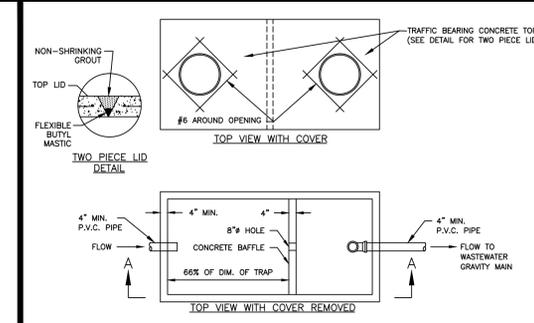
- NOTES: 1. THE GREASE TRAP SHALL BE WATER TIGHT AND GAS TIGHT AND SHALL BE FABRICATED FROM STEEL, ACID RESISTANT COATED INTERIOR AND EXTERIOR. 2. THE GREASE TRAP SHALL BE CERTIFIED AND TAGGED BY THE SEAL OF THE PLUMBING AND DRAINAGE INSTITUTE (PDI)...

POTABLE WATER, WASTEWATER MAIN AND STORM SEWER CONFLICT 4S



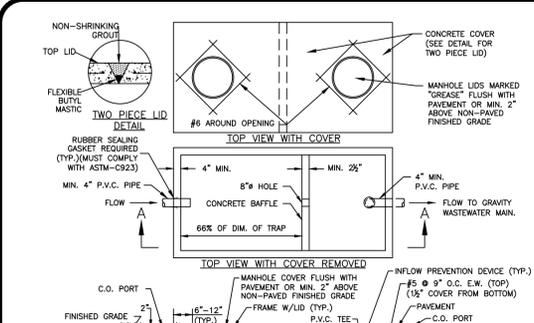
- NOTES: 1. THE GREASE TRAP SHALL BE WATER TIGHT AND GAS TIGHT AND SHALL BE FABRICATED FROM STEEL, ACID RESISTANT COATED INTERIOR AND EXTERIOR. 2. THE GREASE TRAP SHALL BE CERTIFIED AND TAGGED BY THE SEAL OF THE PLUMBING AND DRAINAGE INSTITUTE (PDI)...

GREASE TRAP 3S



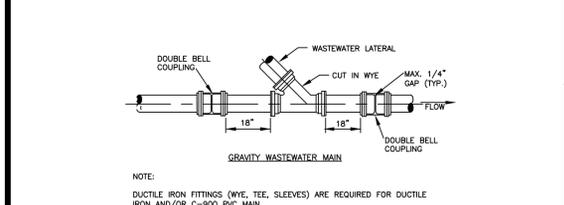
- NOTES: 1. SAND/OIL INTERCEPTORS SHALL BE WATER TIGHT AND SHALL BE BUILT OF PRECAST CONCRETE WHICH HAS A DESIGN COMPRESSIVE STRENGTH OF MINIMUM 3000 PSI AFTER 28 DAYS CURE. 2. THE OIL/GREASE INTERCEPTOR SHALL BE USED FOR APPLICATIONS EXCEEDING 25 GPM FLOW RATE...

SAND/OIL INTERCEPTOR 2S



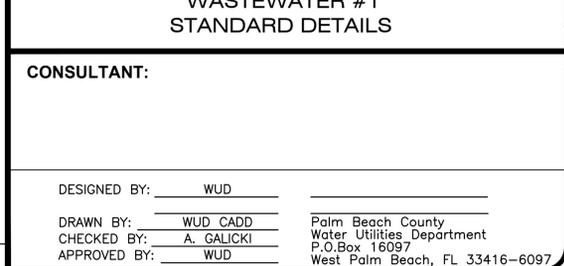
- NOTES: 1. GREASE INTERCEPTORS SHALL BE WATER TIGHT AND SHALL BE BUILT OF PRECAST CONCRETE WHICH HAS A DESIGN COMPRESSIVE STRENGTH OF MINIMUM 3000 PSI AFTER 28 DAYS CURE. 2. THE OIL/GREASE INTERCEPTOR SHALL BE USED FOR APPLICATIONS EXCEEDING 25 GPM FLOW RATE...

OIL/GREASE INTERCEPTOR 1S



- NOTES: 1. TO OBTAIN THE MAXIMUM QUANTITY OF WATER FOR PIPE WITH 20 FT. NOMINAL LENGTHS, MULTIPLY THE QUANTITY CALCULATED FROM THE TABLE BY 0.9. 2. THE MAXIMUM QUANTITY OF ADDED WATER FOR A PIPELINE IS CALCULATED BY MULTIPLYING THE QUANTITY PER HOUR AS OBTAINED FROM THE ABOVE TABLE...

WASTEWATER SYSTEM STANDARD CUT-IN DETAILS 9S



WASTEWATER #1 STANDARD DETAILS

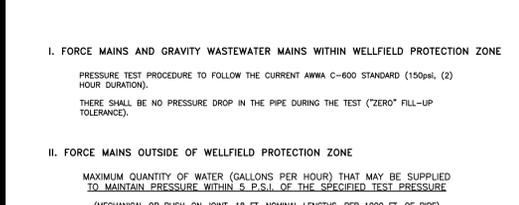
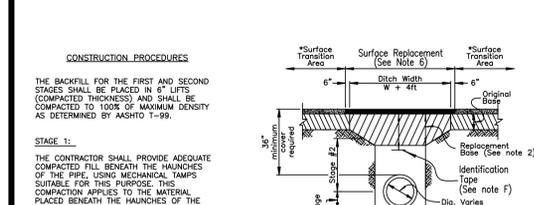


Table with columns for PIPE DIAMETER (INCHES) and PSI. Includes a formula: L = (PSI x (D) x (D)^2) / (148,000 x 1/2)

FORCE MAINS AND GRAVITY WASTEWATER MAINS WITHIN WELLFIELD PROTECTION ZONE



FORCE MAINS OUTSIDE OF WELLFIELD PROTECTION ZONE

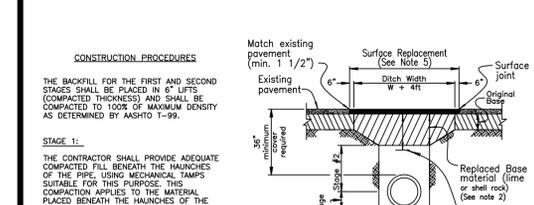


- CONSTRUCTION PROCEDURES: THE BACKFILL FOR THE FIRST AND SECOND STAGES SHALL BE PLACED IN 6" LIFTS (COMPACTED THICKNESS) AND SHALL BE COMPACTED TO 100% OF MAXIMUM DENSITY AS DETERMINED BY AASHTO T-99.

CONSTRUCTION PROCEDURES GREASE TRAP

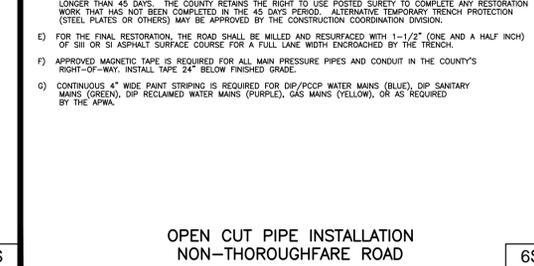


CONSTRUCTION PROCEDURES SAND/OIL INTERCEPTOR

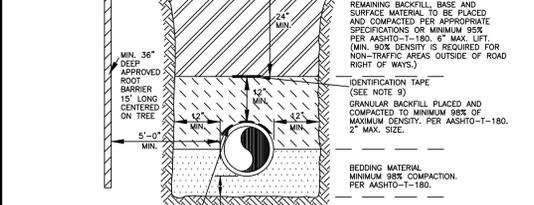


- CONSTRUCTION PROCEDURES: THE BACKFILL FOR THE FIRST AND SECOND STAGES SHALL BE PLACED IN 6" LIFTS (COMPACTED THICKNESS) AND SHALL BE COMPACTED TO 100% OF MAXIMUM DENSITY AS DETERMINED BY AASHTO T-99.

CONSTRUCTION PROCEDURES SAND/OIL INTERCEPTOR

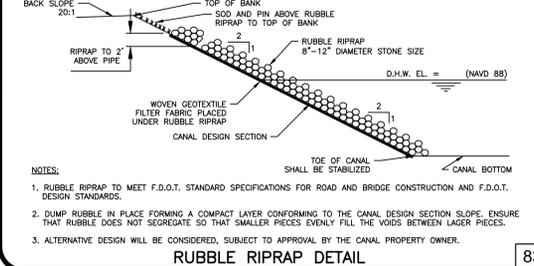


CONSTRUCTION PROCEDURES OIL/GREASE INTERCEPTOR



- NOTES: 1. BEDDING SHALL CONSIST OF IN-SITU GRANULAR MATERIAL OR WASHED AND GRADED LIME ROCK 3/8" - 7/8" SIZING, UNSUITABLE IN-SITU MATERIALS SUCH AS MUCK, DEBRIS AND LARGER ROCKS SHALL BE REMOVED.

TYPICAL TRENCH DETAIL ROUBBLE RIPRAP INSTALLATION



ROUBBLE RIPRAP DETAIL

IT'S THE LAW! CALL 48 HOURS BEFORE YOU DIG 1-800-432 4770 SUNSHINE STATE ONE CALL OF FLORIDA, INC. UTILITIES NOTIFICATION CENTER

PRESSURE TEST CRITERIA FOR WASTEWATER MAINS IN WELL FIELD AND FORCE MAIN 10S

OPEN CUT PIPE INSTALLATION THROUGHFARE ROAD 7S

OPEN CUT PIPE INSTALLATION NON-THROUGHFARE ROAD 6S

DESIGNED BY: WUD DRAWN BY: WUD CADD CHECKED BY: A. GALICKI APPROVED BY: WUD Palm Beach County Water Utilities Department P.O.Box 16097 West Palm Beach, FL 33416-6097 May 20, 2016