

**STANDARD WATER AND SEWER SEPARATION STATEMENT**

1. NEW OR RELOCATED UNDERGROUND WATER MAINS WILL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED VACUUM TYPE SANITARY SEWER, STORM SEWER, STORMWATER FORCE MAIN OR PIPELINE CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.; A HORIZONTAL DISTANCE OF AT LEAST SIX FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED GRAVITY TYPE SANITARY SEWER IF THE BOTTOM OF THE WATER MAIN WILL BE LAID AT LEAST SIX INCHES ABOVE THE TOP OF THE SEWER; A HORIZONTAL DISTANCE OF AT LEAST SIX FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED PRESSURE TYPE SANITARY SEWER, WASTEWATER FORCE MAIN OR PIPELINE CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.; AND A HORIZONTAL DISTANCE OF AT LEAST TEN FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND ALL PARTS OF ANY EXISTING OR PROPOSED "ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEM."
2. NEW OR RELOCATED UNDERGROUND WATER MAINS THAT WILL CROSS ANY EXISTING OR PROPOSED GRAVITY OR VACUUM TYPE SANITARY SEWER OR STORM SEWER WILL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST SIX INCHES ABOVE THE OTHER PIPELINE OR AT LEAST 12 INCHES BELOW THE OTHER PIPELINE; NEW OR RELOCATED UNDERGROUND WATER MAINS THAT WILL CROSS ANY EXISTING OR PROPOSED PRESSURE TYPE SANITARY SEWER, WASTEWATER OR STORMWATER FORCE MAINS, OR PIPELINE CONVEYING RECLAIMED WATER WILL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST 12 INCHES ABOVE OR BELOW THE OTHER PIPELINE.
3. AT THE UTILITY CROSSINGS, ONE FULL LENGTH OF WATER MAIN WILL BE CENTERED ABOVE OR BELOW THE OTHER PIPELINE SO THE WATER MAIN JOINTS WILL BE AS FAR AS POSSIBLE FROM THE OTHER PIPELINE OR THE PIPES WILL BE ARRANGED SO THAT ALL WATER MAIN JOINTS ARE AT LEAST THREE FEET FROM ALL JOINTS IN VACUUM TYPE SANITARY SEWERS, STORM SEWERS, STORMWATER FORCE MAINS OR PIPELINES CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C., AND AT LEAST SIX FEET FROM THE JOINTS IN ALL GRAVITY OR PRESSURE TYPE SANITARY SEWERS, WASTEWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

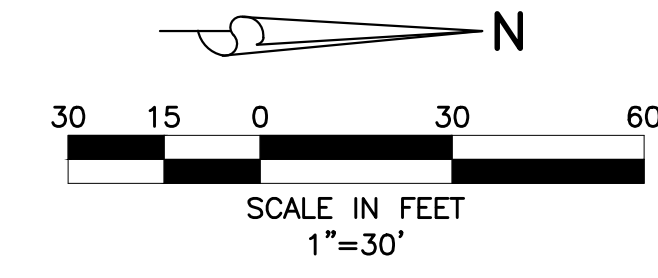
**POTABLE WATER MAIN COLOR CODING REQUIREMENT**

ALL WATER MAIN DUCTILE IRON PIPE AND PIPE FITTINGS SHALL BE PAINTED WITH A 4" WIDE CONTINUOUS BLUE LINE THAT RUNS PARALLEL TO THE AXIS OF THE PIPE AND THAT IS LOCATED ALONG THE TOP OF THE PIPE.

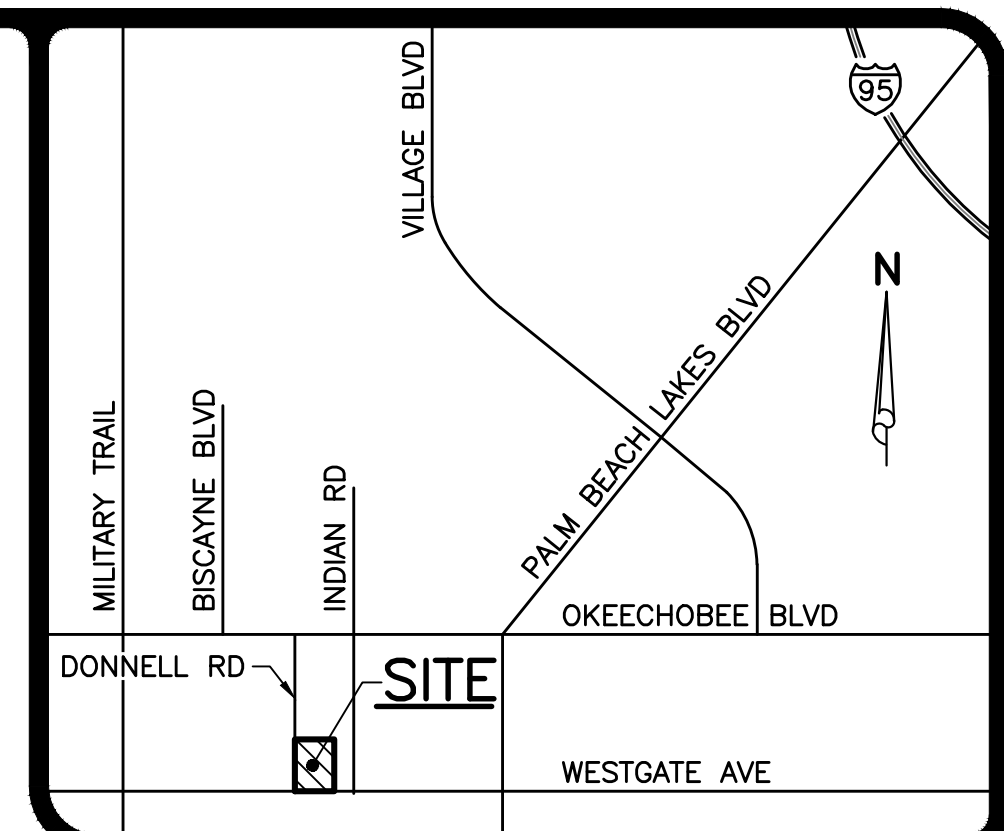
APPROVED PAINT: INDURON, AQUANAUT 5082 ALASKAN BLUE (ONE COAT, 3 MILS DRY FILM THICKNESS APPLIED WITH 1/2" NAP MEDIUM ROLLER)

**LEGEND**

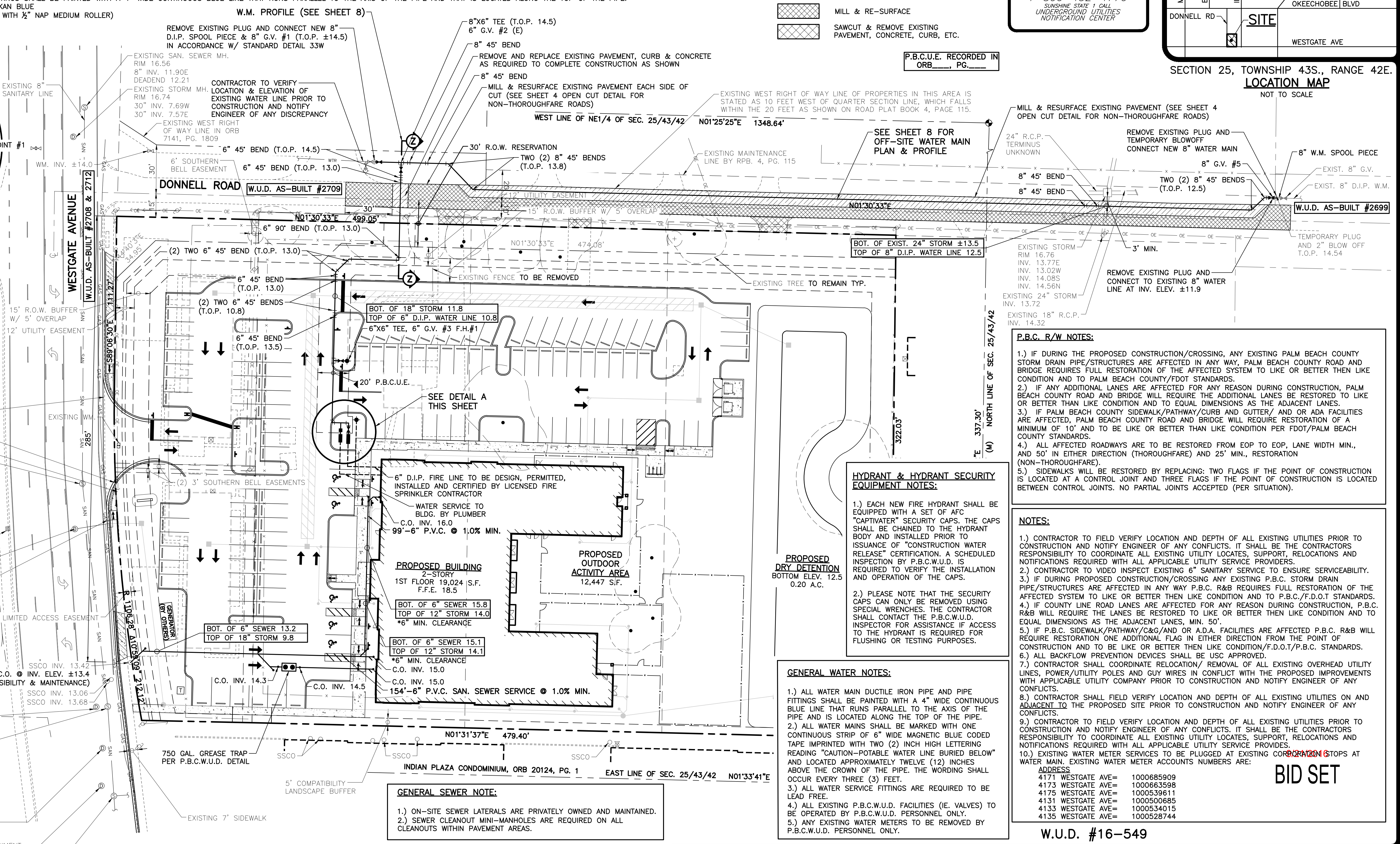
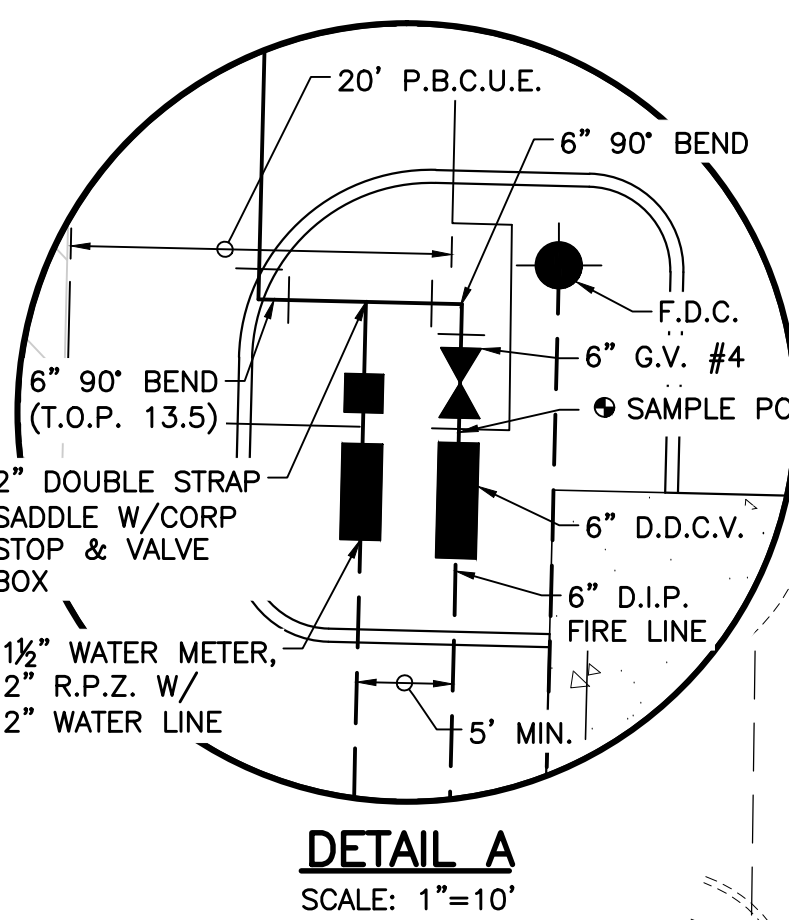
- SINGLE SEWER SERVICE W/ CLEAN-OUT
- FIRE HYDRANT W/ GATE VALVE
- WATER SERVICE, WATER METER & R.P.Z.
- WATER MAIN & GATE VALVE
- GATE VALVE & D.D.C.V. ASSEMBLY
- SAWCUT, REMOVE, & REPLACE EXISTING CONCRETE, ASPHALT, CURB, ETC.
- MILL & RE-SURFACE
- SAWCUT & REMOVE EXISTING PAVEMENT, CONCRETE, CURB, ETC.



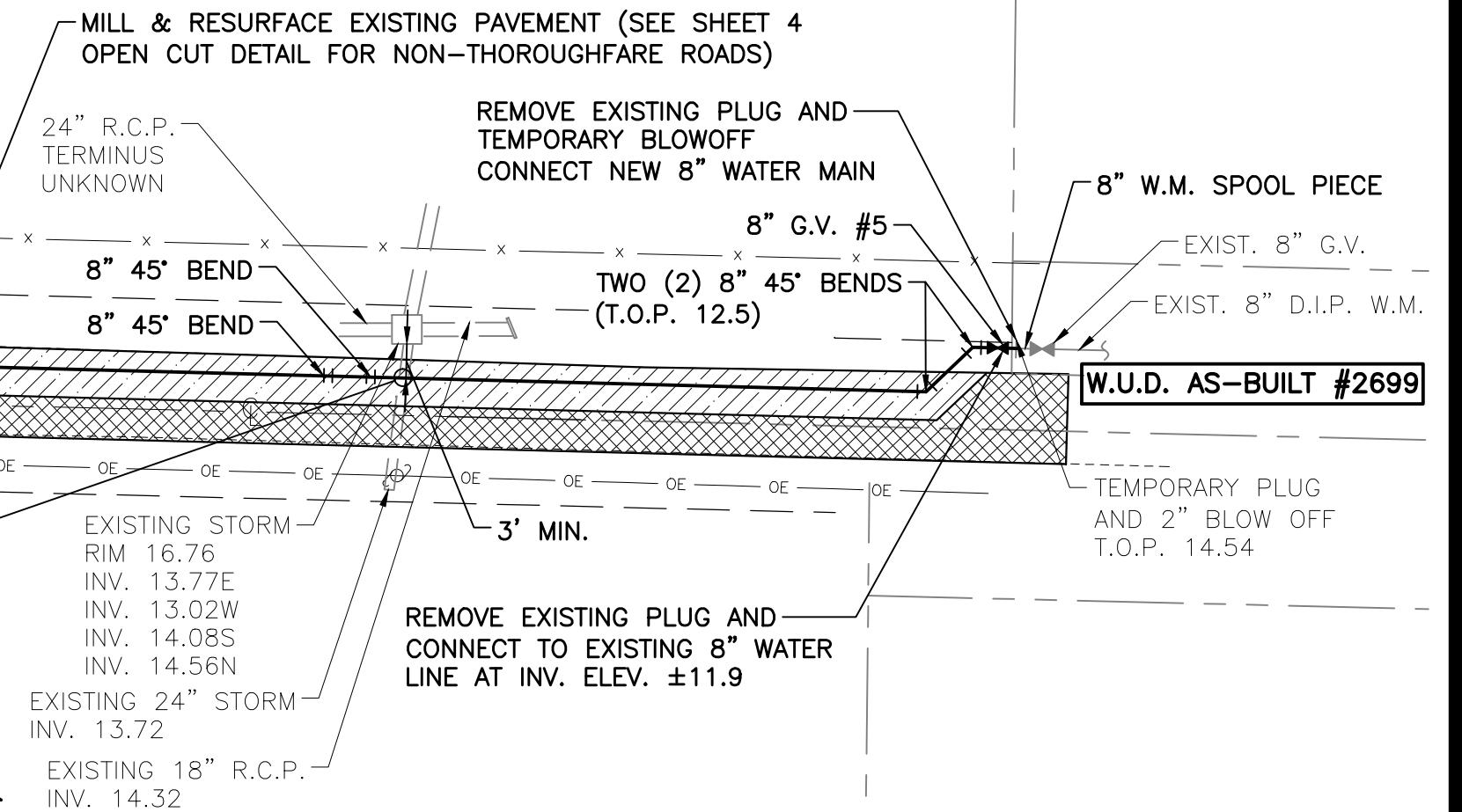
**48 HOURS BEFORE DIGGING**  
 BROWARD • PALM BEACH • INDIAN RIVER  
 ST. LUCIE • MARTIN COUNTIES  
 CALL TOLL FREE  
**1-800-432-4770**  
 SUNSHINE STATE 1 CALL  
 UNDERGROUND UTILITIES  
 NOTIFICATION CENTER



SECTION 25, TOWNSHIP 43S., RANGE 42E.  
**LOCATION MAP**  
 NOT TO SCALE



P.B.C.U.E. RECORDED IN ORB, PG. \_\_\_\_\_



- P.B.C. R/W NOTES:**
- 1.) IF DURING THE PROPOSED CONSTRUCTION/CROSSING, ANY EXISTING PALM BEACH COUNTY STORM DRAIN PIPE/STRUCTURES ARE AFFECTED IN ANY WAY, PALM BEACH COUNTY ROAD AND BRIDGE REQUIRES FULL RESTORATION OF THE AFFECTED SYSTEM TO LIKE OR BETTER THEN LIKE CONDITION AND TO PALM BEACH COUNTY/FDOT STANDARDS.
  - 2.) IF ANY ADDITIONAL LANES ARE AFFECTED FOR ANY REASON DURING CONSTRUCTION, PALM BEACH COUNTY ROAD AND BRIDGE WILL REQUIRE THE ADDITIONAL LANES BE RESTORED TO LIKE OR BETTER THAN LIKE CONDITION AND TO EQUAL DIMENSIONS AS THE ADJACENT LANES.
  - 3.) IF PALM BEACH COUNTY SIDEWALK/PATHWAY/CURB AND GUTTER/ AND OR ADA FACILITIES ARE AFFECTED, PALM BEACH COUNTY ROAD AND BRIDGE WILL REQUIRE RESTORATION OF A MINIMUM OF 10' AND TO BE LIKE OR BETTER THAN LIKE CONDITION PER FDOT/PALM BEACH COUNTY STANDARDS.
  - 4.) ALL AFFECTED ROADWAYS ARE TO BE RESTORED FROM EOP TO EOP, LANE WIDTH MIN., AND 50' IN EITHER DIRECTION (THOROUGHFARE) AND 25' MIN., RESTORATION (NON-THOROUGHFARE).
  - 5.) SIDEWALKS WILL BE RESTORED BY REPLACING TWO FLAGS IF THE POINT OF CONSTRUCTION IS LOCATED AT A CONTROL JOINT AND THREE FLAGS IF THE POINT OF CONSTRUCTION IS LOCATED BETWEEN CONTROL JOINTS. NO PARTIAL JOINTS ACCEPTED (PER SITUATION).

- HYDRANT & HYDRANT SECURITY EQUIPMENT NOTES:**
- 1.) EACH NEW FIRE HYDRANT SHALL BE EQUIPPED WITH A SET OF AFC "CAPTIVATOR" SECURITY CAPS. THE CAPS SHALL BE CHAINED TO THE HYDRANT BODY AND INSTALLED PRIOR TO ISSUANCE OF "CONSTRUCTION WATER RELEASE" CERTIFICATION. A SCHEDULED INSPECTION BY P.B.C.W.U.D. IS REQUIRED TO VERIFY THE INSTALLATION AND OPERATION OF THE CAPS.
  - 2.) PLEASE NOTE THAT THE SECURITY CAPS CAN ONLY BE REMOVED USING SPECIAL WRENCHES. THE CONTRACTOR SHALL CONTACT THE P.B.C.W.U.D. INSPECTOR FOR ASSISTANCE IF ACCESS TO THE HYDRANT IS REQUIRED FOR FLUSHING OR TESTING PURPOSES.

- GENERAL WATER NOTES:**
- 1.) ALL WATER MAIN DUCTILE IRON PIPE AND PIPE FITTINGS SHALL BE PAINTED WITH A 4" WIDE CONTINUOUS BLUE LINE THAT RUNS PARALLEL TO THE AXIS OF THE PIPE AND IS LOCATED ALONG THE TOP OF THE PIPE.
  - 2.) ALL WATER MAINS SHALL BE MARKED WITH ONE CONTINUOUS STRIP OF 6" WIDE MAGNETIC BLUE CODED TAPE IMPRINTED WITH TWO (2) INCH HIGH LETTERING READING "CAUTION-POTABLE WATER LINE BURIED BELOW" AND LOCATED APPROXIMATELY TWELVE (12) INCHES ABOVE THE CROWN OF THE PIPE. THE WORDING SHALL OCCUR EVERY THREE (3) FEET.
  - 3.) ALL WATER SERVICE FITTINGS ARE REQUIRED TO BE LEAD FREE.
  - 4.) ALL EXISTING P.B.C.W.U.D. FACILITIES (IE. VALVES) TO BE OPERATED BY P.B.C.W.U.D. PERSONNEL ONLY.
  - 5.) ANY EXISTING WATER METERS TO BE REMOVED BY P.B.C.W.U.D. PERSONNEL ONLY.

- GENERAL SEWER NOTE:**
- 1.) ON-SITE SEWER LATERALS ARE PRIVATELY OWNED AND MAINTAINED.
  - 2.) SEWER CLEANOUT MINI-MANHOLES ARE REQUIRED ON ALL CLEANOUTS WITHIN PAVEMENT AREAS.

- GENERAL LANDSCAPING NOTE:**
- SOD ONLY WITH NO SHRUBS AND/OR TREES TO BE INSTALLED WITHIN 5' OF A WATER METER AND 7.5' OF A FIRE HYDRANT. TREES CANNOT BE INSTALLED WITHIN 10' OF A WATER OR SEWER MAIN WITHOUT PRIOR P.B.C.W.U.D. APPROVAL AND THE INSTALLATION OF A ROOT BARRIER.

- NOTES:**
- 1.) CONTRACTOR TO FIELD VERIFY LOCATION AND DEPTH OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY CONFLICTS. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO COORDINATE ALL EXISTING UTILITY LOCATES, SUPPORT, RELOCATIONS AND NOTIFICATIONS REQUIRED WITH ALL APPLICABLE UTILITY SERVICE PROVIDERS.
  - 2.) CONTRACTOR TO VIDEO EXISTING 6" SANITARY SERVICE TO ENSURE SERVICEABILITY.
  - 3.) IF DURING PROPOSED CONSTRUCTION/CROSSING ANY EXISTING P.B.C. STORM DRAIN PIPE/STRUCTURES ARE AFFECTED IN ANY WAY P.B.C. R&B REQUIRES FULL RESTORATION OF THE AFFECTED SYSTEM TO LIKE OR BETTER THEN LIKE CONDITION AND TO P.B.C./F.D.O.T. STANDARDS.
  - 4.) IF COUNTY LINE ROAD LANES ARE AFFECTED FOR ANY REASON DURING CONSTRUCTION, P.B.C. R&B WILL REQUIRE THE LANES BE RESTORED TO LIKE OR BETTER THEN LIKE CONDITION AND TO EQUAL DIMENSIONS AS THE ADJACENT LANES, MIN. 50'.
  - 5.) IF P.B.C. SIDEWALK/PATHWAY/C&G/AND OR A.D.A. FACILITIES ARE AFFECTED P.B.C. R&B WILL REQUIRE RESTORATION ONE ADDITIONAL FLAG IN EITHER DIRECTION FROM THE POINT OF CONSTRUCTION AND TO BE LIKE OR BETTER THEN LIKE CONDITION/F.D.O.T./P.B.C. STANDARDS.
  - 6.) ALL BACKFLOW PREVENTION DEVICES SHALL BE USC APPROVED.
  - 7.) CONTRACTOR SHALL COORDINATE RELOCATION/ REMOVAL OF ALL EXISTING OVERHEAD UTILITY LINES, POWER/UTILITY POLES AND GUY WIRES IN CONFLICT WITH THE PROPOSED IMPROVEMENTS WITH APPLICABLE UTILITY COMPANY PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY CONFLICTS.
  - 8.) CONTRACTOR SHALL FIELD VERIFY LOCATION AND DEPTH OF ALL EXISTING UTILITIES ON AND ADJACENT TO THE PROPOSED SITE PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY CONFLICTS.
  - 9.) CONTRACTOR TO FIELD VERIFY LOCATION AND DEPTH OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY CONFLICTS. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO COORDINATE ALL EXISTING UTILITY LOCATES, SUPPORT, RELOCATIONS AND NOTIFICATIONS REQUIRED WITH ALL APPLICABLE UTILITY SERVICE PROVIDERS.
  - 10.) EXISTING WATER METER SERVICES TO BE PLUGGED AT EXISTING CONNECTION STOPS AT WATER MAIN. EXISTING WATER METER ACCOUNTS NUMBERS ARE:

**BID SET**

ADDRESS	
4171 WESTGATE AVE=	1000685909
4173 WESTGATE AVE=	1000663598
4175 WESTGATE AVE=	1000539611
4131 WESTGATE AVE=	1000500685
4133 WESTGATE AVE=	1000534015
4135 WESTGATE AVE=	1000528744

W.U.D. #16-549

4.) REVISED PER P.B.C. COMMENTS, 09-20-16 R.W.  
 3.) REVISED PER P.B.C.W.U.D. COMMENTS, 09-15-16 R.W.  
 2.) RELOCATED UTILITY POLE SHOWN 09-14-16 T.M.  
 1.) REVISED PER COMMENTS 08-03-16 T.M.

**SIMMONS & WHITE**  
 ENGINEERING | PLANNING | CONSULTING | SINCE 1982  
 2581 Metrocenre Blvd West • Suite 100 • West Palm Beach, Florida 33407 • (561) 478-7848

DESIGN	DRAWN	CHECKED	APPROVED	DATE
A.G.	T.M.			

**OPPORTUNITY INC. EARLY LEARNING CENTER**  
 SECTION 25, TOWNSHIP 43S., RANGE 42E.  
 PALM BEACH COUNTY, FLORIDA  
**WATER AND WASTEWATER PLAN**

REVISIONS	JOB NO.	DRAWING NO.	SHEET
	14-091	14091S07_WS	7 OF 17