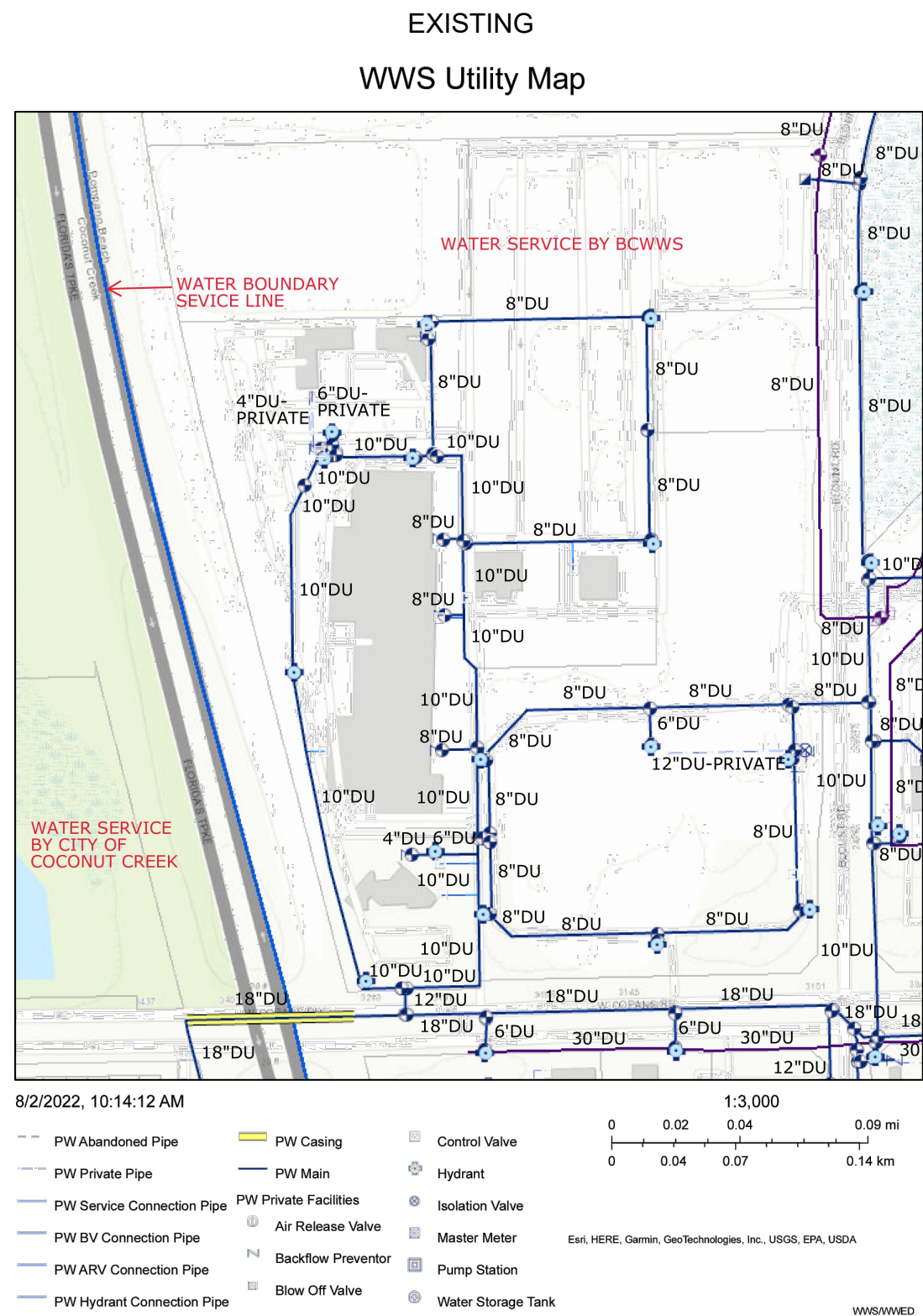


NOTE:
CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH WATER AND WASTEWATER SERVICES MINIMUM DESIGN AND CONSTRUCTION STANDARDS. PLANS ARE IN ACCORDANCE WITH WWS MINIMUM DRAWING REQUIREMENTS DATED MARCH 11, 2021

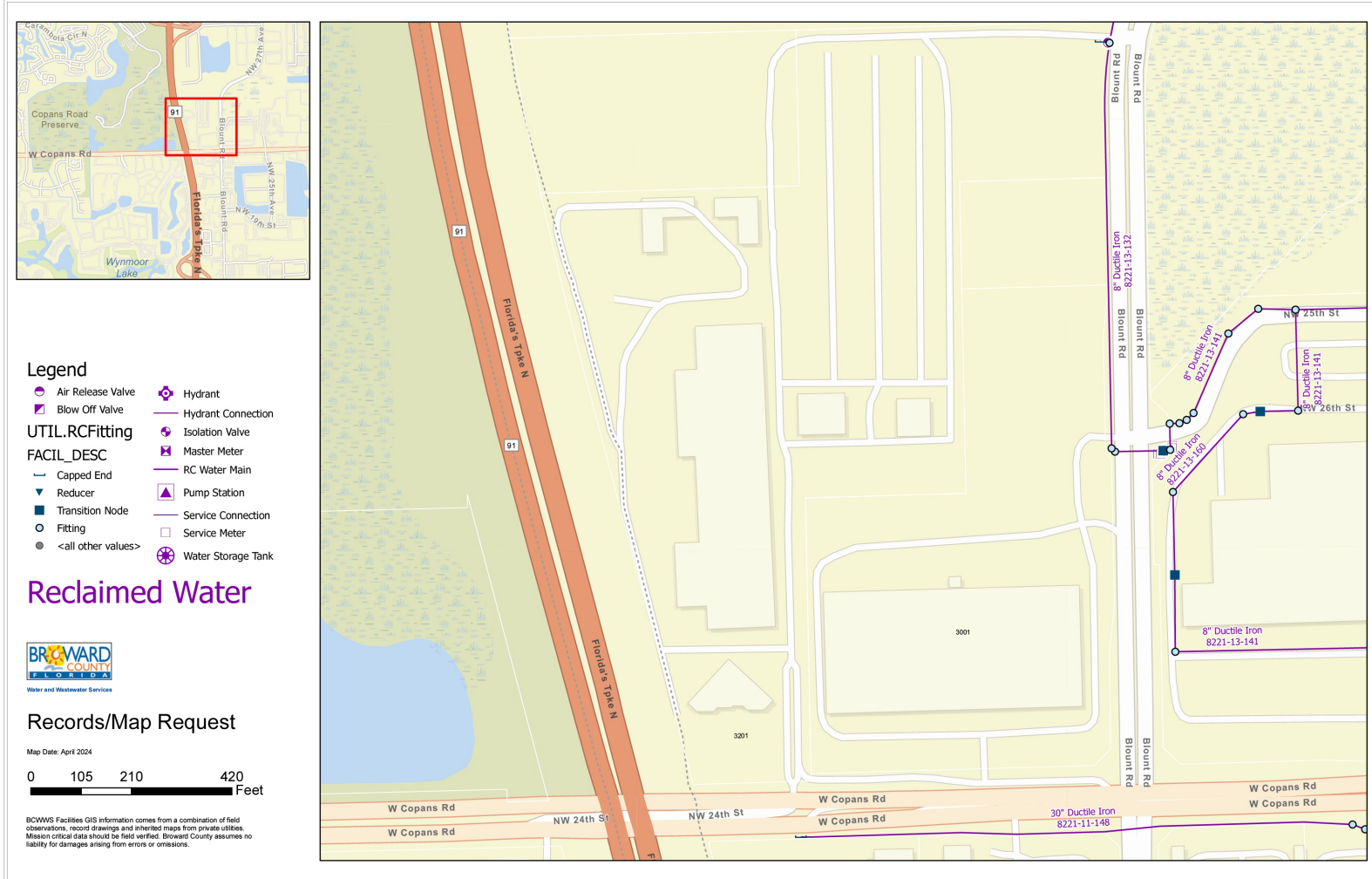
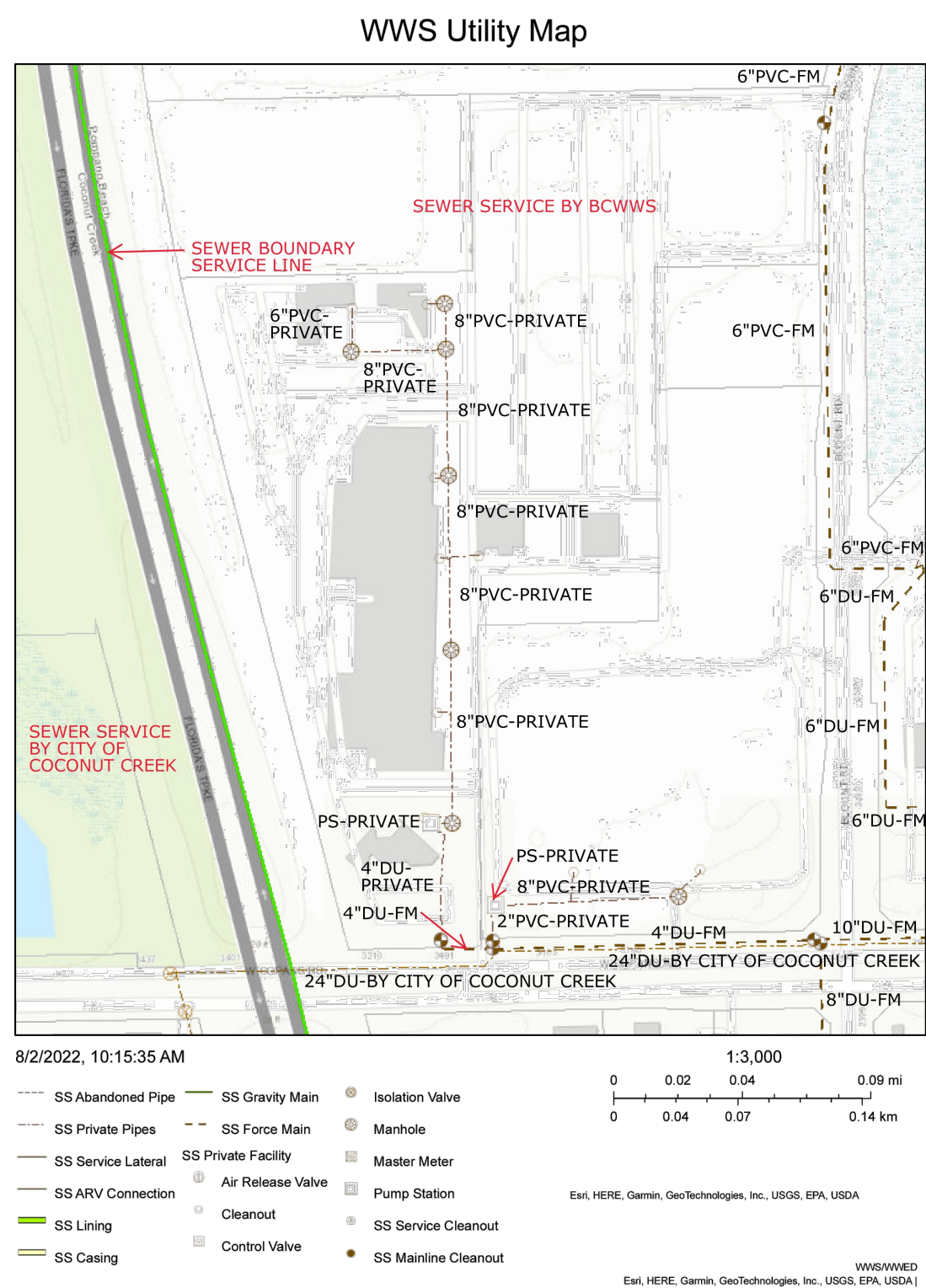
MASTER WATER AND SEWER NARRATIVE

THE SITE IS CURRENTLY SERVED BY EXISTING WATER AND SEWER MAINS, PROVIDED BY BROWARD COUNTY WATER AND WASTEWATER SERVICES (BCWWS). MODIFICATIONS WILL BE REQUIRED TO ADDRESS THE PROPOSED REDEVELOPMENT OF THE SITE.

WATER DISTRIBUTION SYSTEM: THE EXISTING SITE IS COMPRISED OF A 10-INCH DIP LOOPED WATER MAIN ON THE WEST SIDE AND AN 8-INCH LOOP ON THE EAST SIDE. THE PROPOSED MODIFICATIONS WILL INCLUDE REPLACEMENT OF THE 8-INCH LOOP WITH 10-INCH, CONNECTED TO AN EXISTING 8-INCH STUB-OUT, LOCATED SOUTH OF THE BLOWN ROOF. THE 10-INCH MAIN WILL RUN EAST OF THE BLOWN ROOF, SOUTH OF THE 10-INCH BUILDING, THE VAULT/OFFICE/WEIGH PORTION OF THE MAINTENANCE BUILDING, AND THE NEW TRAINING BUILDING. THE EXISTING FIRE LINE TO BUILDING #4 WILL REMAIN, BUT THE DDCV AND FDC WILL BE RELOCATED DUE TO CHANGES IN THE PARKING CONFIGURATION. BOTH ENTRANCE GUARDHOUSES WILL BE SERVED BY A NEW WATER SERVICE.



WASTEWATER COLLECTION SYSTEM: THE EXISTING SITE IS SERVED BY AN 8-INCH GRAVITY MAIN, MANHOLES, SEWER LATERALS, A LIFT STATION AND 4-INCH FORCE MAIN. PORTIONS OF THE GRAVITY MAIN WILL BE REPLACED TO SERVE THE NEW BUILDINGS AND GUARDBOUSES. THE EXISTING LIFT STATION WILL BE REMOVED AND REPLACED AT A NEW LOCATION, BUT WILL MAINTAIN A CONNECTION TO THE EXISTING FORCE MAIN.



RECLAIMED WATER SYSTEM. THERE ARE EXISTING OFF-SITE RECLAIMED WATERMAINs TO SERVE THE PROJECT. FROM THE SOUTH, ON W. COPANS ROAD, THERE IS AN EXISTING 30" DUCTILE IRON PIPE (DIP), LOCATED ALONG THE SOUTH SIDE OF THE ROADWAY, THAT TERMINATES AT APPROXIMATELY THE CENTERLINE OF THE EXISTING ENTRANCE TO THE SITE. AN EXTENSION OF THE 30" DIP RWM WILL ALLOW COMPLIANCE WITH A DEAD-END CONDITION. SERVICE TO THE SITE WILL BE PROVIDED BY MEANS OF A TEE AND DIRECTIONAL BORE EXTENSION NORTH TO THE SITE. FROM THE EAST, ON BLOUNT ROAD, AN EXISTING 8" STUB-OUT IS LOCATED SOUTH OF THE ENTRANCE ROAD AND WILL BE EXTENDED INTO THE SITE. BOTH CONNECTIONS WILL HAVE AN IRRIGATION METER AND BACKFLOW PREVENTORS.

WWS PROJECT NO. 108825
DWG NO. 8228-73-090

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Last Saved: November 13, 2025, at 10:53 AM
Printed: Thursday, November 13, 2025, at 10:53 AM
Printed by: pcc0386