PROJECT REFERENCE NO.	SHEET NO.
B-5129A	UC3

UTILITY CONSTRUCTION

UTILITIES ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 16710 ENGINEER DWAYNE H. ALLIGOOD

DocuSigned by: Dwayne Alligood 8/8/2014

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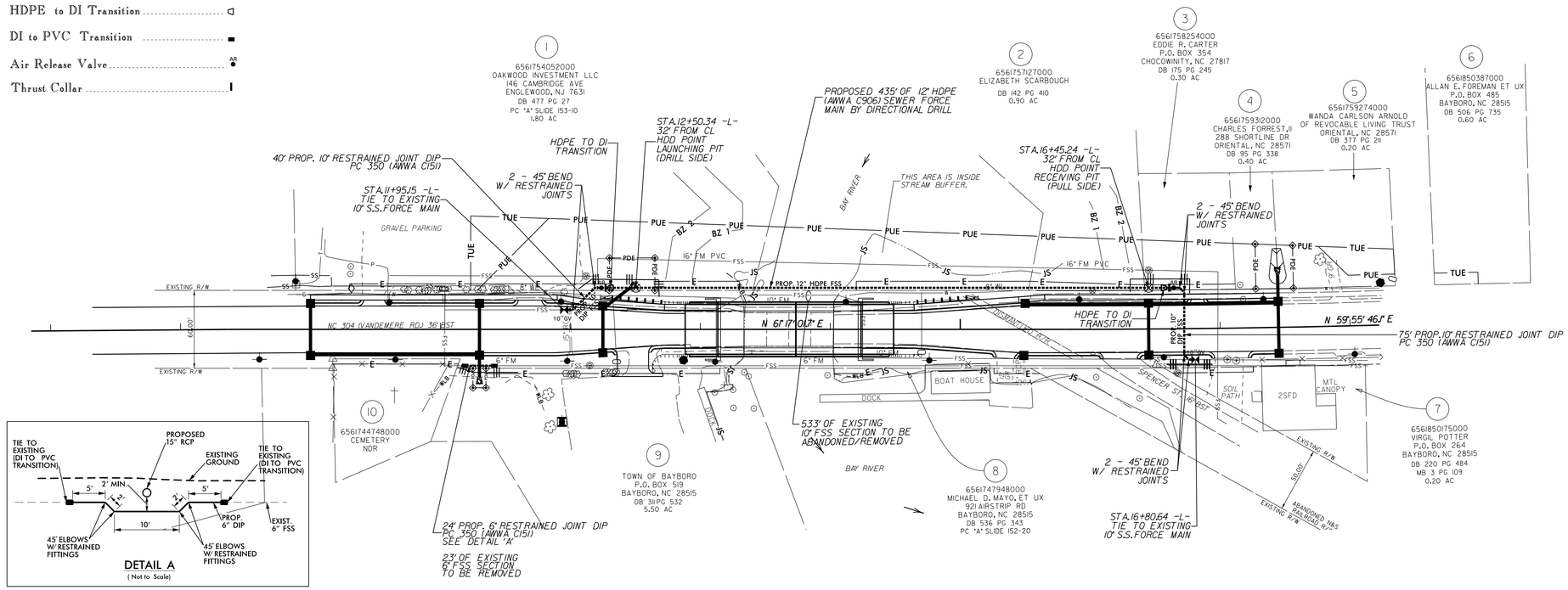
PLANS

LEGEND:

- Temporary Silt Fence
- Gate Valve (GV)
- HDPE to DI Transition
- DI to PVC Transition
- Air Release Valve (AR)
- Thrust Collar



NOTES:

SEWER FORCE MAIN

1. AIR RELEASE VALVES SHALL BE PROVIDED IN ACCORDANCE WITH 15A NCAC 2T .0305(H)(5).
2. RECONNECT ALL SANITARY SEWER SERVICE LINES AS NECESSARY.
3. THE PROPOSED SEWER FORCE MAIN RELOCATION DOES NOT IMPACT ANY ENVIRONMENTALLY SENSITIVE AREAS.
4. LOCATION AND ELEVATION OF ALL UNDERGROUND UTILITIES SHALL BE FIELD VERIFIED BY CONTRACTOR AND MAINTAIN 18" MINIMUM VERTICAL SEPARATION.
5. 12" HDPE PIPE TO CONFORM TO THE FOLLOWING: AWWA C906, PRESSURE CLASS 200, DR9, DUCTILE IRON PIPE SIZE (DIPS) DIMENSIONS, AND MATERIAL DESIGNATION PE 3408.

DATUM DESCRIPTION

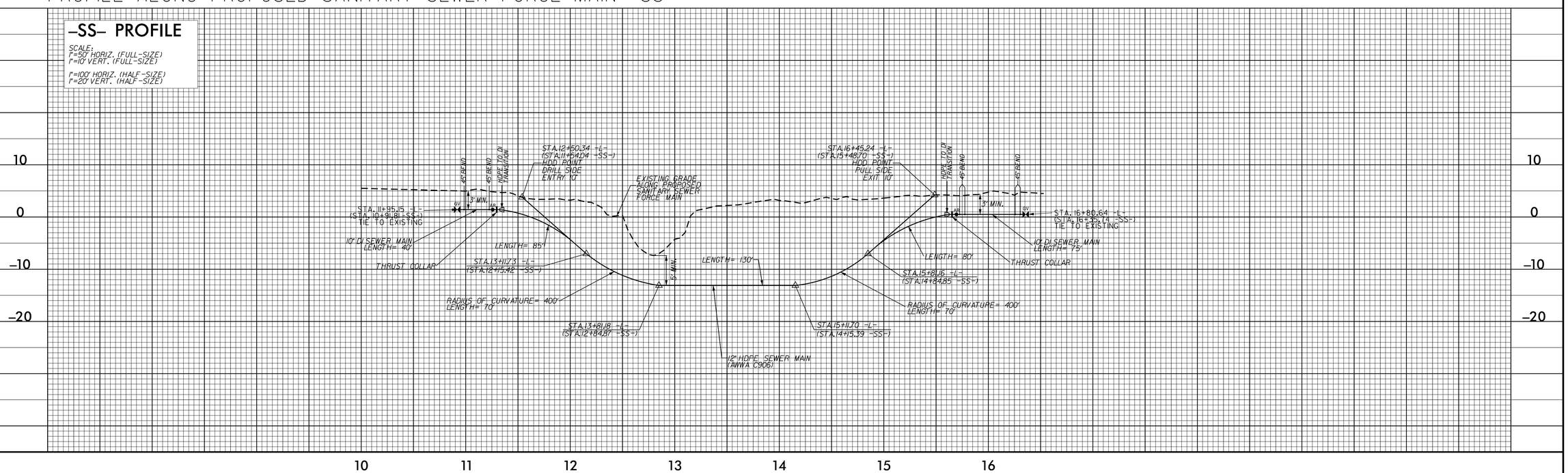
THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "BL-2"
WITH NAD 83/2011 STATE PLANE GRID COORDINATES OF
NORTHING: 514935.692(ft) EASTING: 2667614.641(ft)
ELEVATION: 5.17(ft)
THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.99987995
THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "BL-2" TO -L- STATION 10+00.00 IS
S 66° 00' 12" W 288.0233'
ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
VERTICAL DATUM USED IS NAVD 88

PROFILE ALONG PROPOSED SANITARY SEWER FORCE MAIN -SS-

-SS- PROFILE

SCALE:
1"=50' HORIZ. (FULL-SIZE)
1"=10' VERT. (FULL-SIZE)

1"=100' HORIZ. (HALF-SIZE)
1"=20' VERT. (HALF-SIZE)



REVISIONS

8/17/99

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