PROJECT REFERENCE NO.	SHEET NO.
17BP.2.R.56	UC3

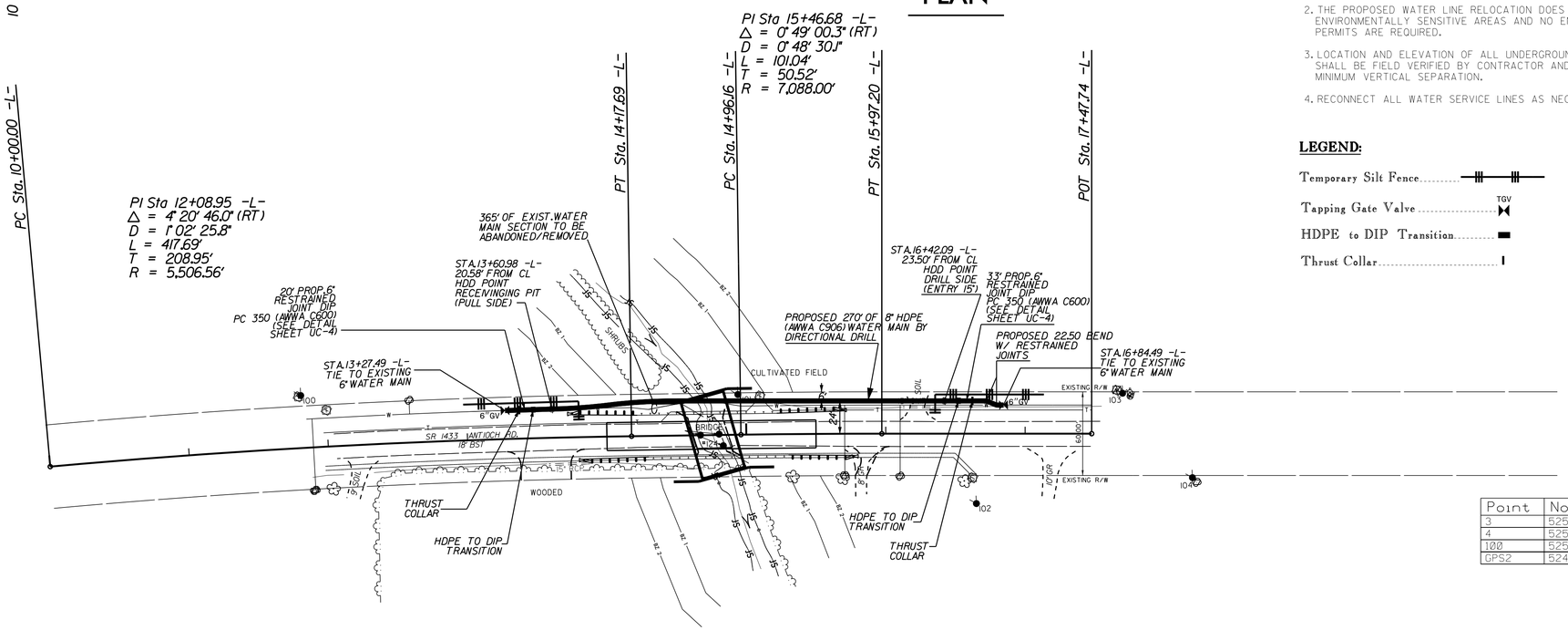
UTILITIES ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 11274 ENGINEER BRYCE EDWARD EATMON, JR. 2/23/2016

UTILITY CONSTRUCTION PLAN

NOTES:

1. 8" HDPE WATER MAIN TO CONFORM TO THE FOLLOWING: AWWA C906, AWWA M55, PRESSURE CLASS 200, DR9, DUCTILE IRON PIPE SIZE (DIPS) DIMENSIONS, AND MATERIAL DESIGNATION PE 3408 AND NSF APPROVED FOR POTABLE WATER.
2. THE PROPOSED WATER LINE RELOCATION DOES NOT IMPACT ANY ENVIRONMENTALLY SENSITIVE AREAS AND NO ENVIRONMENTAL PERMITS ARE REQUIRED.
3. LOCATION AND ELEVATION OF ALL UNDERGROUND UTILITIES SHALL BE FIELD VERIFIED BY CONTRACTOR AND MAINTAIN 18" MINIMUM VERTICAL SEPARATION.
4. RECONNECT ALL WATER SERVICE LINES AS NECESSARY.



LEGEND:

Temporary Silt Fence

Tapping Gate Valve (TGV)

HDPE to DIP Transition

Thrust Collar

50 25 0 50 100
PLANS

DATUM DESCRIPTION

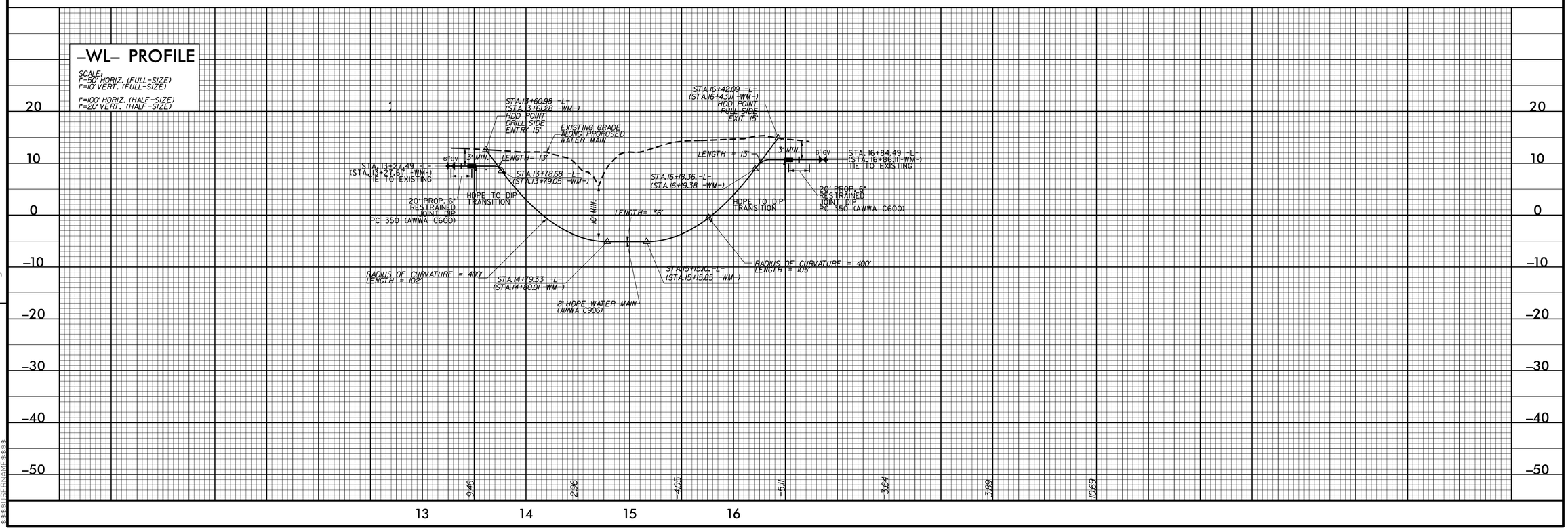
THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "GPS-2"
WITH NAD 83/NA 2011 STATE PLANE GRID COORDINATES OF
NORTHING: 524930.153(ft) EASTING: 2581612.336(ft)
ELEVATION: 14.47(ft)
THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.99987857
THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "GPS-2" TO -L- STATION 10+00 IS
N 32° 01' 50" W 747.3211'
ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
VERTICAL DATUM USED IS NAVD 88

Point	North	East	Elevation	Description
3	525152.425	2581486.132	13.640	BL-3
4	525399.057	2581339.970	14.320	BL-4
100	525384.553	2581448.782	12.600	NCGS "CRA-142"
GPS2	524930.153	2581612.336	14.470	GPS-2

-WL- 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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