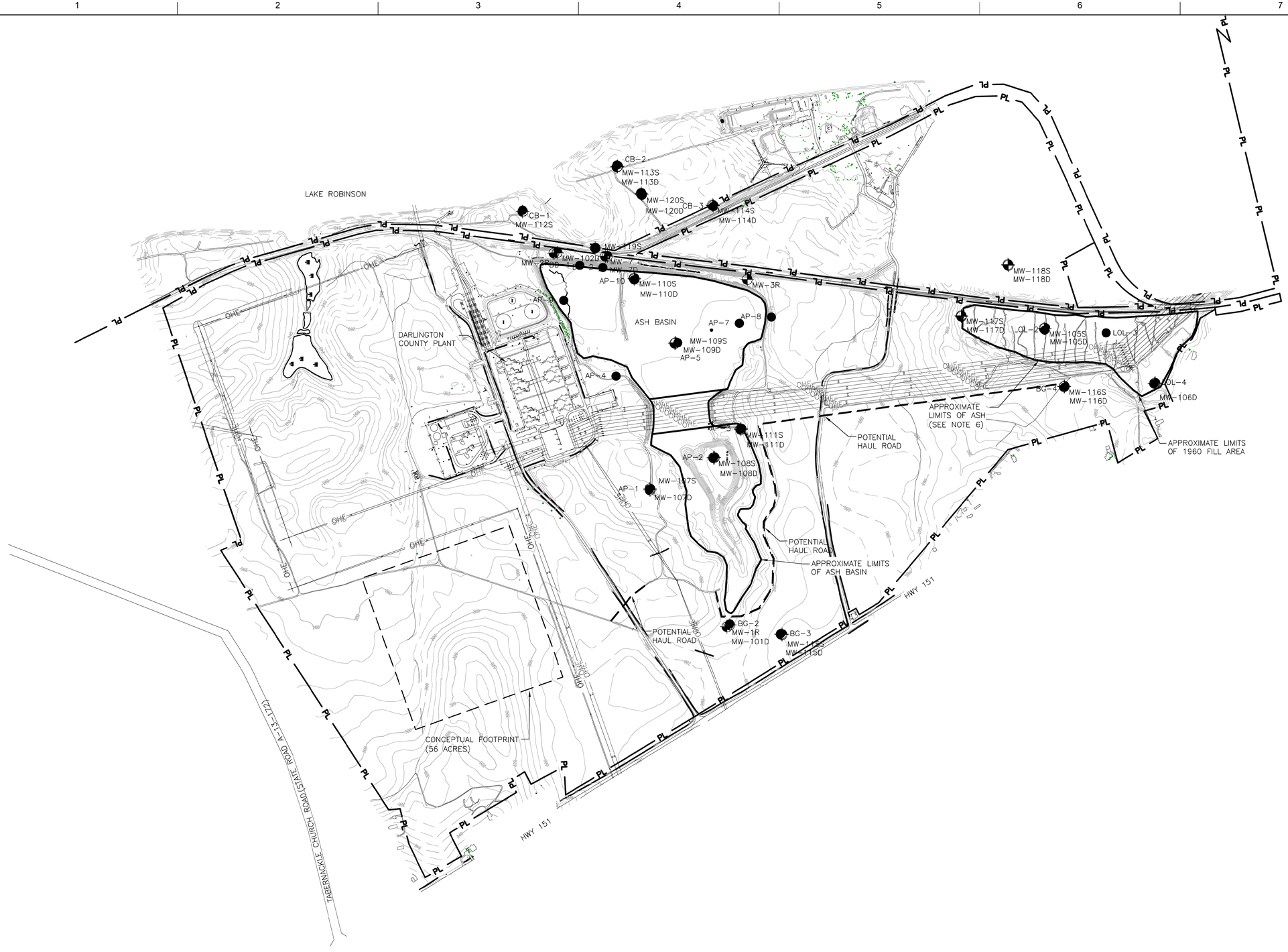
F

On-site Landfill Conceptual Design Drawings



N

NOTES:

1. BASE MAP PROVIDED BY WSP TRANSPORTATION AND INFRASTRUCTURE DATED NOVEMBER 13, 2014 BASED ON PHOTOGRAMMETRIC MAPPING COLLECTED ON JULY 27, 2014.
2. PROPERTY LINE PROVIDED BY DUKE ENERGY.
3. ALL DISTANCES ARE HORIZONTAL GROUND DISTANCE IN U.S. SURVEY FEET UNLESS OTHERWISE NOTED.
4. BASIS OF BEARINGS: NAD83.
5. VERTICAL DATUM: NAVD88.
6. LIMITS OF '1960 FILL AREA' ASH STORAGE AREA OBTAINED FROM DRAWING ENTITLED 'ROBINSON STEAM PLANT LAY OF LAND AREA ASH THICKNESS ISOPACH' DATED AUGUST 20, 2014 BY AMEC ENVIRONMENT AND INFRASTRUCTURE.

LEGEND

- APPROXIMATE LIMITS OF EXISTING ASH
- PL — PROPERTY LINE
- OHE — OVERHEAD UTILITY LINES
- UTILITY POLE
- MW 115S — MONITORING WELL
- AP-1, BG-1, CB-1, DD-1, LOL-2 — BORING
- UNIDENTIFIED OBJECT
- 5FT WIRE MESH FENCE
- RIP RAP
- NA — MONITORING WELL NOT SURVEYED
- DRAINAGE DITCH CENTER LINE
- TRV 1 — CONTROL POINT
- DIRT PATH
- 6FT CHAINLINK FENCE
- GREEN PAINT MARKS BY OTHERS
- EXISTING MINOR CONTOUR
- 260 — EXISTING MAJOR CONTOUR

HDR Engineering, Inc. of the Carolinas

440 S. Church Street, Suite 1000
Charlotte, NC 28202-2075
704.338.6700

ISSUE	DATE	DESCRIPTION
A	09/2015	ISSUED FOR REVIEW

PROJECT MANAGER	M. FILARDI, P.G.
DESIGNED BY	P. WESTMORELAND, P.E.
DRAWN BY	L. MCCAUL
CHECKED BY	
PROJECT NUMBER	000000000259480

SOUTH CAROLINA — HDR ENGINEERING, INC. OF THE CAROLINAS — No. C0318 — CERTIFICATE OF AUTHORIZATION

Duke Energy Progress

H. B. Robinson
Steam Electric Plant

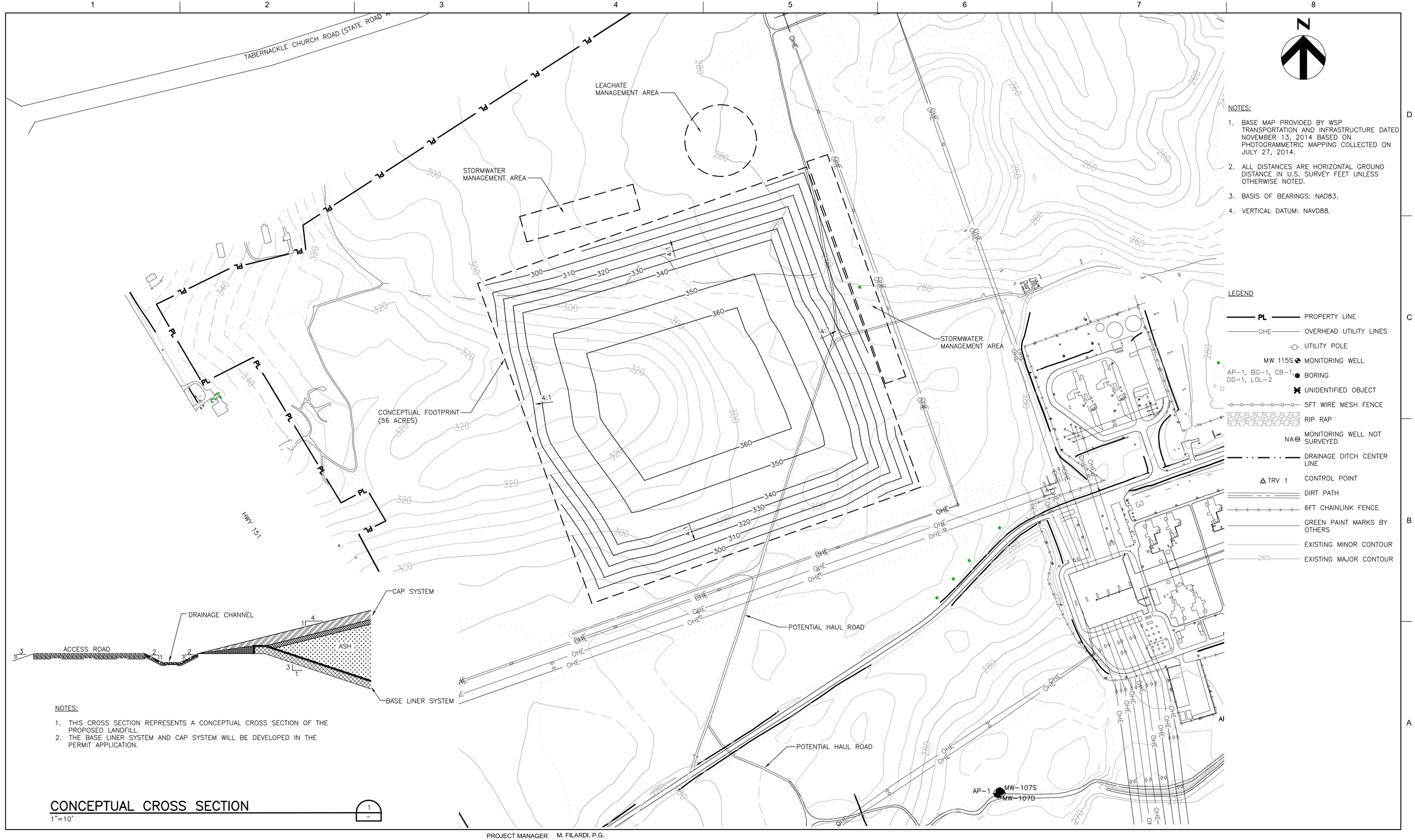
DARLINGTON COUNTY SOUTH CAROLINA

EXISTING CONDITIONS

0 1" 2"

FILENAME 01C-01.DWG
SCALE 1:500

SHEET
01C-01



NOTES:

1. THIS CROSS SECTION REPRESENTS A CONCEPTUAL CROSS SECTION OF THE PROPOSED LANDFILL.
2. THE BASE LINER SYSTEM AND CAP SYSTEM WILL BE DEVELOPED IN THE PERMIT APPLICATION.

CONCEPTUAL CROSS SECTION

1"=10'

HDR Engineering, Inc. of the Carolinas

440 S. Church Street, Suite 1000
Charlotte, NC 28202-2075
704.338.6700

ISSUE	DATE	DESCRIPTION
A	09/2015	ISSUED FOR REVIEW

PROJECT MANAGER	M. FILARDI, P.G.
DESIGNED BY	P. WESTMORELAND, P.E.
DRAWN BY	L. MCCAUL
CHECKED BY	
PROJECT NUMBER	000000000259480

SOUTH CAROLINA HDR ENGINEERING, INC. OF THE CAROLINAS No. C0318 CERTIFICATE OF AUTHORIZATION

Duke Energy Progress

H. B. Robinson
Steam Electric Plant

DARLINGTON COUNTY SOUTH CAROLINA

CONCEPTUAL GRADING PLAN

0 1" 2"

FILENAME 01C-02.DWG
SCALE 1:200

SHEET 01C-02