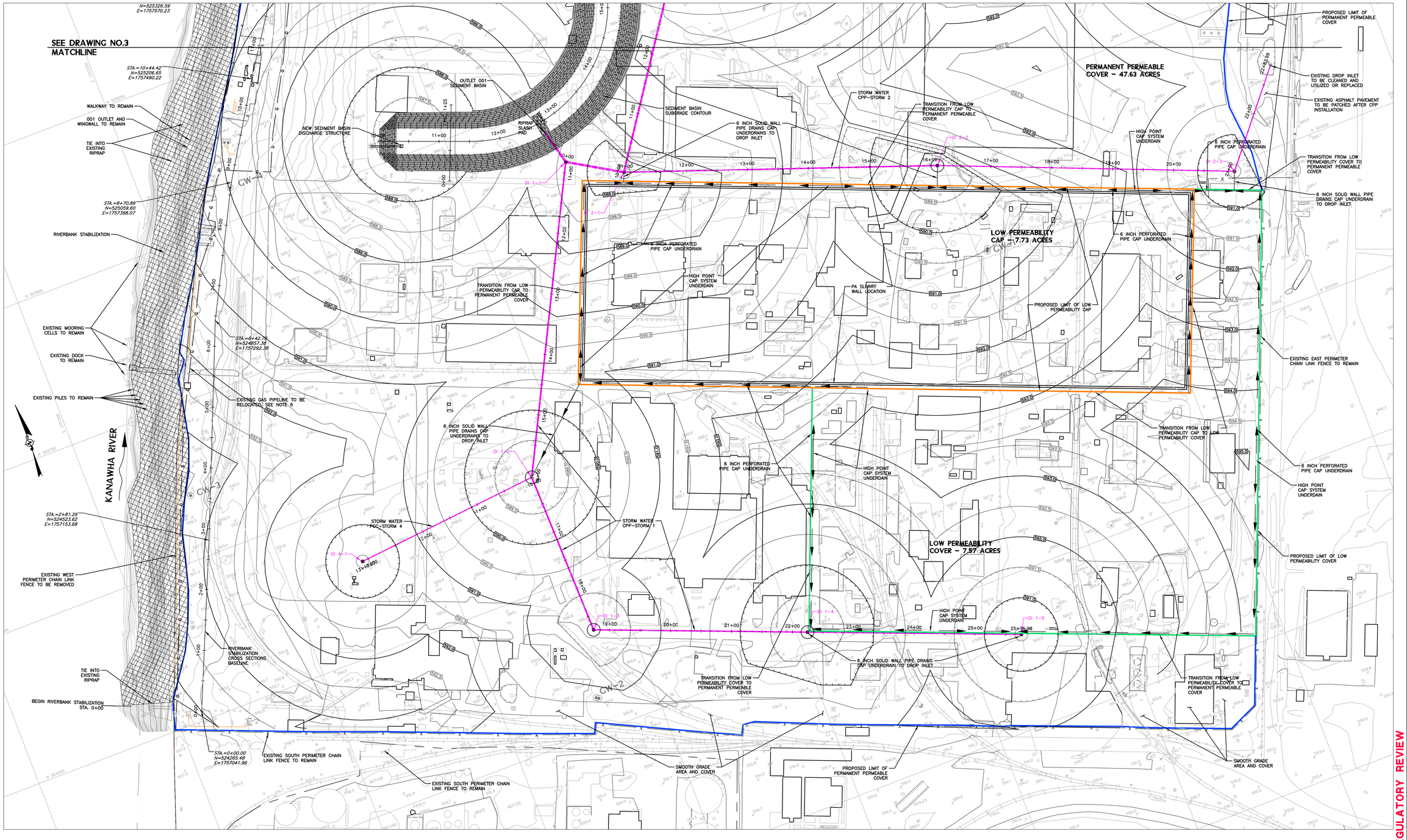

NOTES FOR FINAL PLAN

1. THIS DRAWING SHOWS THE PROPOSED FINAL SURFACE OF THE SOLUTIA NITRO PROPERTY, AFTER INSTALLATION OF THE INTERIM MEASURES FINAL CAPS AND COVERS INCLUDING THE 18-INCH VEGETATIVE SOIL COVER LAYER FROM THE OFF-SITE BORROW SOURCE. THE FINAL SURFACE AS SHOWN IS 18 INCHES ABOVE THE GRADES SHOWN ON THE GENERAL FILL SURFACE AND SITE PLAN. THE FINAL SURFACES OF THE CAPS AND COVERS SHALL BE LIMED, FERTILIZED, SEEDED, AND MULCHED.
2. SEDIMENT BASINS (OUTLET 001 AND OUTLET 003 SEDIMENT BASINS) SHALL REMAIN IN PLACED UNTIL VEGETATED SURFACES ARE STABILIZED. UPON ADEQUATE VEGETATION TO ACHIEVE A STABILIZED SURFACE, SEDIMENTS SHALL BE REMOVED FROM THE GEOMEMBRANE LINERS IN EACH SEDIMENT BASIN. SEDIMENTS SHALL BE CONSOLIDATED AND PLACED WITHIN EACH SEDIMENT BASIN AND COVERED WITH A GEOTEXTILE AND CLEAN SOIL LAYER TO ACHIEVE A "CLEAN" SURFACE.
3. CRUSHED AGGREGATE-SURFACED ACCESS ROADS WILL BE CONSTRUCTED ACROSS THE CAPS AND COVERS TO PROVIDE ACCESS TO GROUNDWATER MONITORING WELLS AND OTHER LOCATIONS WHERE ACCESS MAY BE REQUIRED. ROADS WILL CONSIST OF GEOTEXTILE AND CRUSHED STONE. ROAD LOCATIONS WILL BE FINALIZED ONCE THE MONITORING PLAN IS DEVELOPED.

LEGEND

- PROPOSED DROP INLET
- PROPOSED STORM DRAIN LINE (CPP)
- PROPOSED LIMIT OF PERMANENT PERMEABLE COVER
- PROPOSED LIMIT OF LOW PERMEABILITY COVER
- PROPOSED LIMIT OF LOW PERMEABILITY CAP
- PROPOSED CAP SYSTEM UNDERDRAIN
- 590.0 PROPOSED FINAL SURFACE GRADE
- X EXISTING FENCE
- G EXISTING GAS PIPELINE
- GW-2 EXISTING GROUNDWATER MONITORING WELL
- PROPOSED RIVERBANK ARMORING RIPRAP

GRAPHIC SCALE

60 30 0 60 120

1 INCH = 60 FEET

MAPPING REFERENCE:
BASE MAPPING SHOWN ON THIS DRAWING WAS PREPARED BY PHOTOSCIENCE, INC. BASED ON AERIAL PHOTOGRAPHY DATED SEPTEMBER 24, 2003.

PRELIMINARY - FOR REGULATORY REVIEW

No.	Date	Revision

DESIGN
CAD File No.
RSB
Drawn
DMK
Checked
Approved
AS NOTED
Scale:
Date:
01-0081-700C
Project No.

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POTESTA

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ST. LOUIS, MISSOURI

Title
FINAL CAP AND COVER SURFACE PLAN
RCRA INTERIM MEASURES
CAPS AND COVERS CONTRACT

5
Drawing No.

MDEF Files: 01-0081-7000-BASE
MDEF Layer: Base
File: S:\Civil-Projects\01-0081-1-INSTITUTE\PHASE 700\01-0081-700C-MFG-DESIGN.dwg
Plot Date: Wednesday, August 29, 2012 7:17:19 PM
Plotted By: WBrouckert