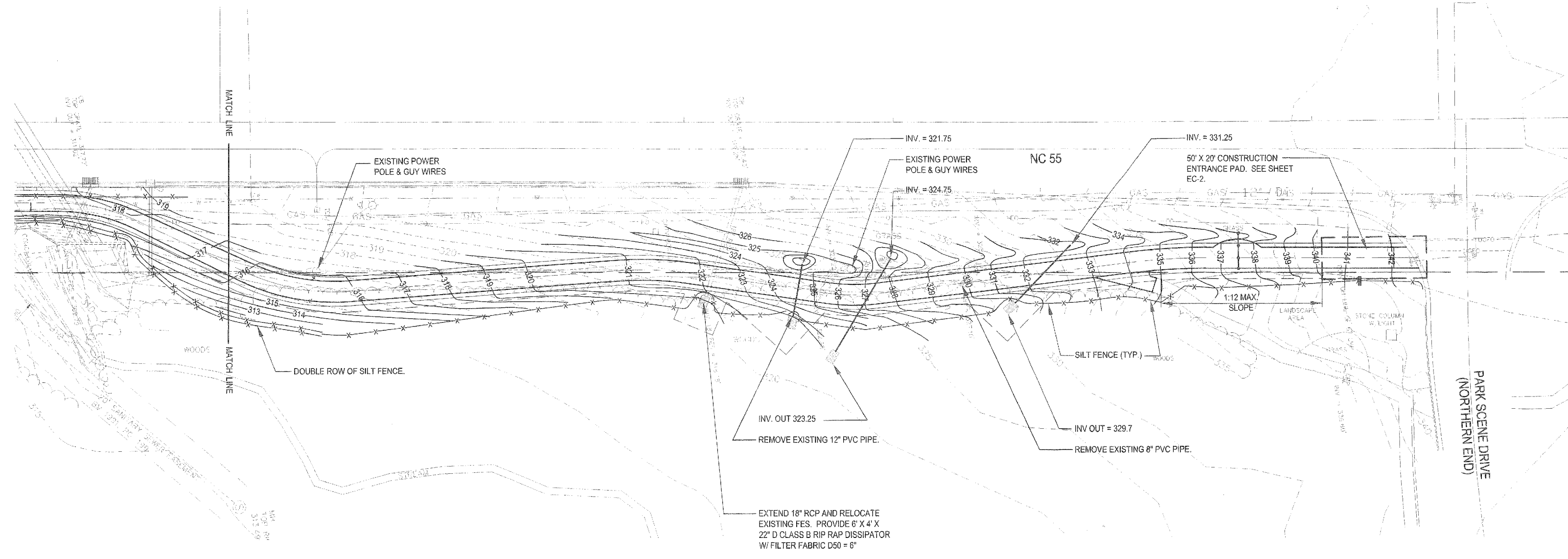


DIEHL & PHILLIPS, P.A.
 CONSULTING ENGINEERS
 CARY, NC (919) 467-9972

- CONSULTANT
- NOTES:
- "The information contained in the signed and sealed documents should be deemed to be correct and superior to electronic information.
 *Electronic information is a component of the instruments of service and is only for the client's benefit on the specific project and for a specific use.
 *There is no representation of the suitability of the electronic information for other purposes, of the durability of the information of the medium through which the information is furnished.
 *Any use for a purpose other than that for which the information is intended shall be at the receiver's risk, and therefore the receiver shall protect and indemnify the sender from any claims, costs, losses or damages.
 *Transfer of the information does not transfer any license to use the underlying software or extinguish the rights of the sender to reuse the information in the general course of a professional practice.
 - Topographic and property boundary information within approximately 25 ft. of trail centerline is from field survey prepared by:
 BBM Associates
 527 Keisler Dr., Suite 164
 Cary, NC 27511
 Field survey shows 1 ft. contours.
 - Topographic data beyond the trail corridor is from Town of Cary GIS adjusted to match field survey.
 - Proposed NC 55 road improvements and underground utilities in NC 55 ROW provided by Barbara H. Mulkey Engineering Inc. for information only. Contractor shall field locate all utilities and verify road improvement plans prior to starting work in this area.
 - Length of Park Scene section is 1,750 LF.

NOTES

DATE	REVISIONS
04/28/05	2ND REVIEW
02/01/05	1ST REVIEW
DATE	DESCRIPTION



Park Scene Lane Connector Trail - Station 11+00 to End

TRAIL SLOPES

CROSS SLOPE: 2%
 LONGITUDINAL SLOPE: 5% MAX. EXCEPT WHERE OTHERWISE NOTED ON THE GRADING PLAN.

SIDE SLOPES: 3:1 MAX. SLOPE EXCEPT WHERE OTHERWISE NOTED, 2% MIN.

GRADE SIDE SLOPES AND ADJACENT GROUND TO DRAIN.

NOTES

- WETLAND LIMITS ARE SHOWN.
- TREE PROTECTION FENCING SHALL BE INSTALLED AND INSPECTED BEFORE A GRADING PERMIT IS ISSUED.
- CUT AND FILL SLOPES SHALL BE STABILIZED WITHIN 15 CALENDAR DAYS OF ANY PHASE OF GRADING.

TOTAL DISTURBED AREA FOR THE PARK SCENE SECTION IS 1.65 ACRES.

CAPE FEAR RIVER BASIN

PS-1

30 LF OF 15" RCP
 WITH FES EACH END @ 3.00%
 PROVIDE 5' x 4' x 22" D CLASS B RIP RAP DISSIPATOR WITH FILTER FABRIC UNDERLAYMENT
 $D_{50} = 6"$ $Q_s = 0.2$ CFS $V_{max} = 2.3$ FPS

PS-2

40 LF OF 15" RCP
 WITH FES EACH END @ 3.75%
 PROVIDE 5' x 4' x 22" D CLASS B RIP RAP DISSIPATOR WITH FILTER FABRIC UNDERLAYMENT
 $D_{50} = 6"$ $Q_s = 0.2$ CFS $V_{max} = 2.6$ FPS

PS-3

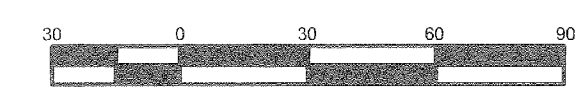
40 LF OF 15" RCP
 WITH FES EACH END @ 5.00%
 PROVIDE 5' x 4' x 22" D CLASS B RIP RAP DISSIPATOR WITH FILTER FABRIC UNDERLAYMENT
 $D_{50} = 6"$ $Q_s = 0.3$ CFS $V_{max} = 3.2$ FPS

LEGEND:

- THICKENED ASPHALT PAVEMENT SECTION
- NORMAL ASPHALT PAVEMENT SECTION
- NORMAL 2 FT. SHOULDER
- MODIFIED ASPHALT PAVEMENT SECTION.
- SOFT SURFACE TRAIL.
- STAMPED AND COLORED ASPHALT.
- CONCRETE PAVEMENT.
- SHEET AND DETAIL NUMBER DESIGNATION.
- SILT FENCE

APPROVED
 TOWN OF CARY

Approved By *[Signature]* Date *[Date]*
 Planning *[Signature]* Date *[Date]*
 Engineering *[Signature]* Date *[Date]*



SCALE 1"=30'

White Oak Creek Greenway-Phase 4
 Town of Cary
 North Carolina

Project No. 05-SP-005
 PROJECT/OWNER

Park Scene Section -- Grading, Drainage
 and Erosion Control - Station 11+00 to End
 SHEET TITLE

DATE December 21, 2004

SHEET NUMBER **L-PS-7**