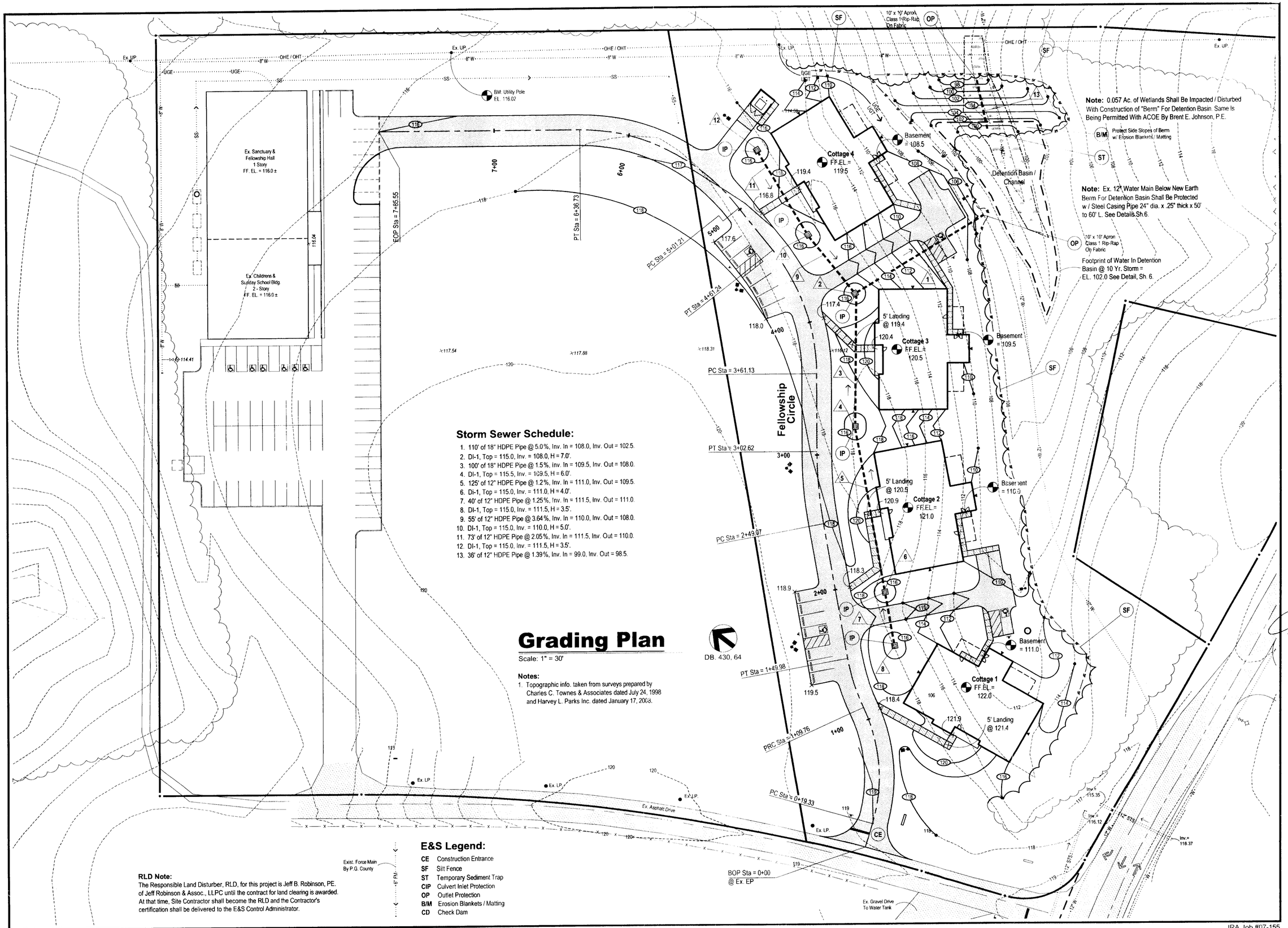

Note: 0.057 Ac. of Wetlands Shall Be Impacted / Disturbed With Construction of "Berm" For Detention Basin. Same Is Being Permitted With ACOE By Brent E. Johnson, P.E.

Note: Ex. 12" Water Main Below New Earth Berm For Detention Basin Shall Be Protected w / Steel Casing Pipe 24" dia. x .25" thick x 50' to 60' L. See Details Sh.6.

Storm Sewer Schedule:

1. 110' of 18" HDPE Pipe @ 5.0%, Inv. In = 108.0, Inv. Out = 102.5.
2. DI-1, Top = 115.0, Inv. = 108.0, H = 7.0'.
3. 100' of 18" HDPE Pipe @ 1.5%, Inv. In = 109.5, Inv. Out = 108.0.
4. DI-1, Top = 115.5, Inv. = 109.5, H = 6.0'.
5. 125' of 12" HDPE Pipe @ 1.2%, Inv. In = 111.0, Inv. Out = 109.5.
6. Di-1, Top = 115.0, Inv. = 111.0, H = 4.0'.
7. 40' of 12" HDPE Pipe @ 1.25%, Inv. In = 111.5, Inv. Out = 111.0.
8. DI-1, Top = 115.0, Inv. = 111.5, H = 3.5'.
9. 55' of 12" HDPE Pipe @ 3.64%, Inv. In = 110.0, Inv. Out = 108.0.
10. DI-1, Top = 115.0, Inv. = 110.0, H = 5.0'.
11. 73' of 12" HDPE Pipe @ 2.05%, Inv. In = 111.5, Inv. Out = 110.0.
12. DI-1, Top = 115.0, Inv. = 111.5, H = 3.5'.
13. 36' of 12" HDPE Pipe @ 1.39%, Inv. In = 99.0, Inv. Out = 98.5.

Grading Plan

Scale: 1" = 30'

Notes:

1. Topographic info. taken from surveys prepared by Charles C. Townes & Associates dated July 24, 1998 and Harvey L. Parks Inc. dated January 17, 2008.

RLD Note:
The Responsible Land Disturber, RLD, for this project is Jeff B. Robinson, PE. of Jeff Robinson & Assoc., LLPC until the contract for land clearing is awarded. At that time, Site Contractor shall become the RLD and the Contractor's certification shall be delivered to the E&S Control Administrator.

E&S Legend:

- **CE** Construction Entrance
- **SF** Silt Fence
- **ST** Temporary Sediment Trap
- **CIP** Culvert Inlet Protection
- **OP** Outlet Protection
- **B/M** Erosion Blankets / Matting
- **CD** Check Dam

Grading Plan

Super Kids Ministries, Inc.

Frances Holland - Woo Daves Group Home
5500 Middle Road Prince George County, Virginia 23834

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JRA Job #07-155

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