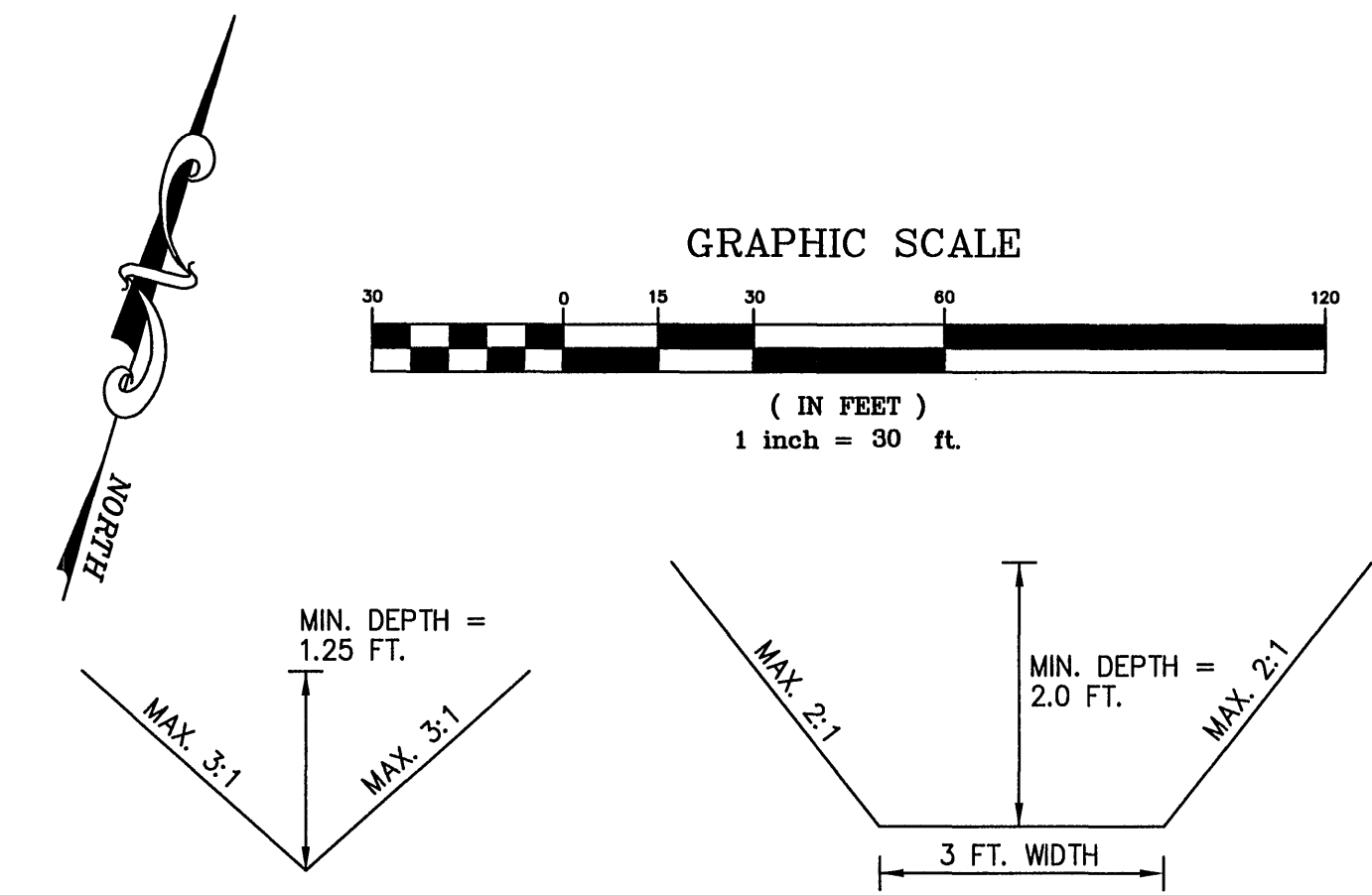
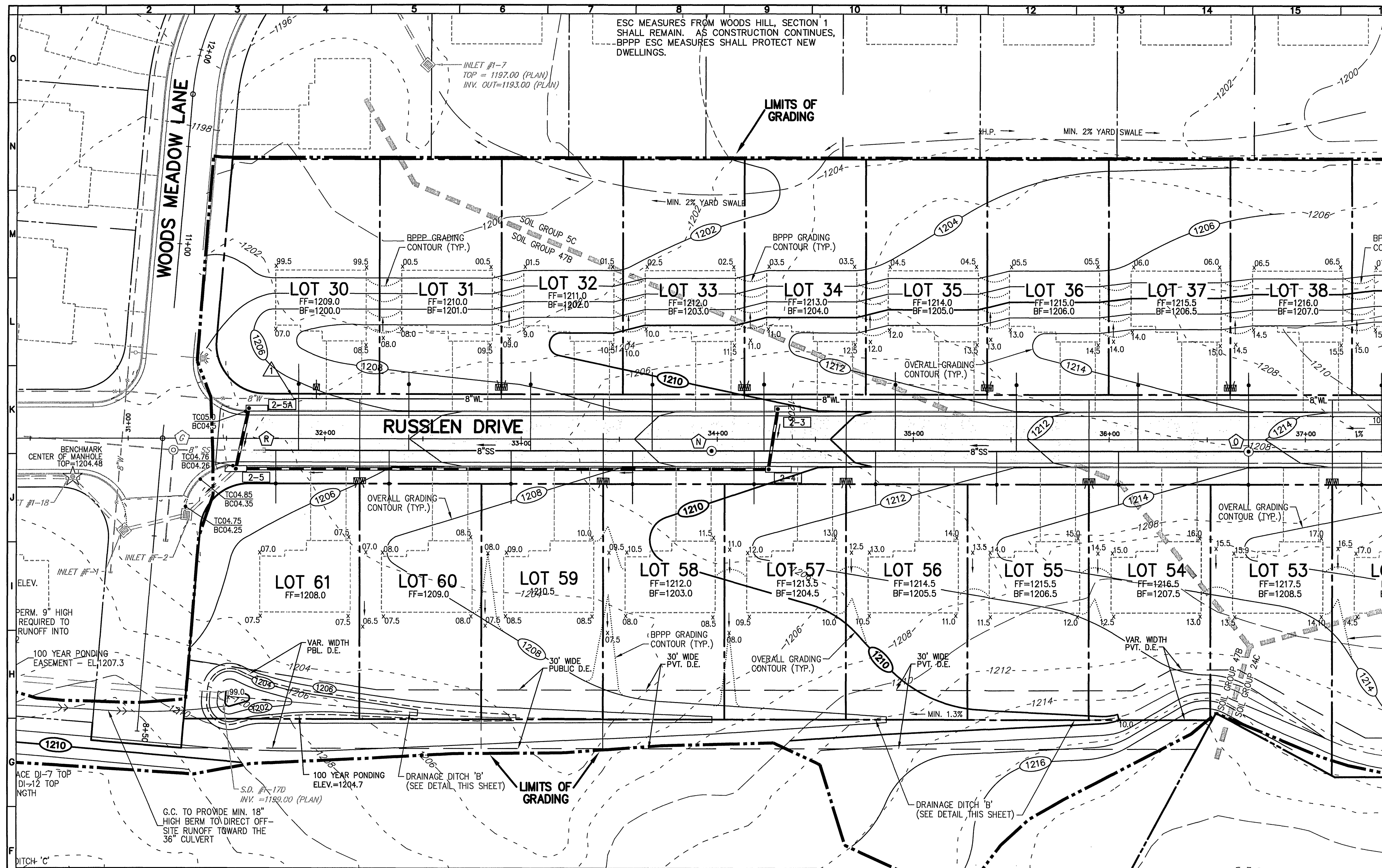




*NOTE: NO LINING REQ'D

DITCH 'A' SECTION

NTS

*NOTE: USE EC-2 DITCH LINING FOR LENGTH OF DITCH

DITCH 'B' SECTION

NTS

GRADING NOTES:

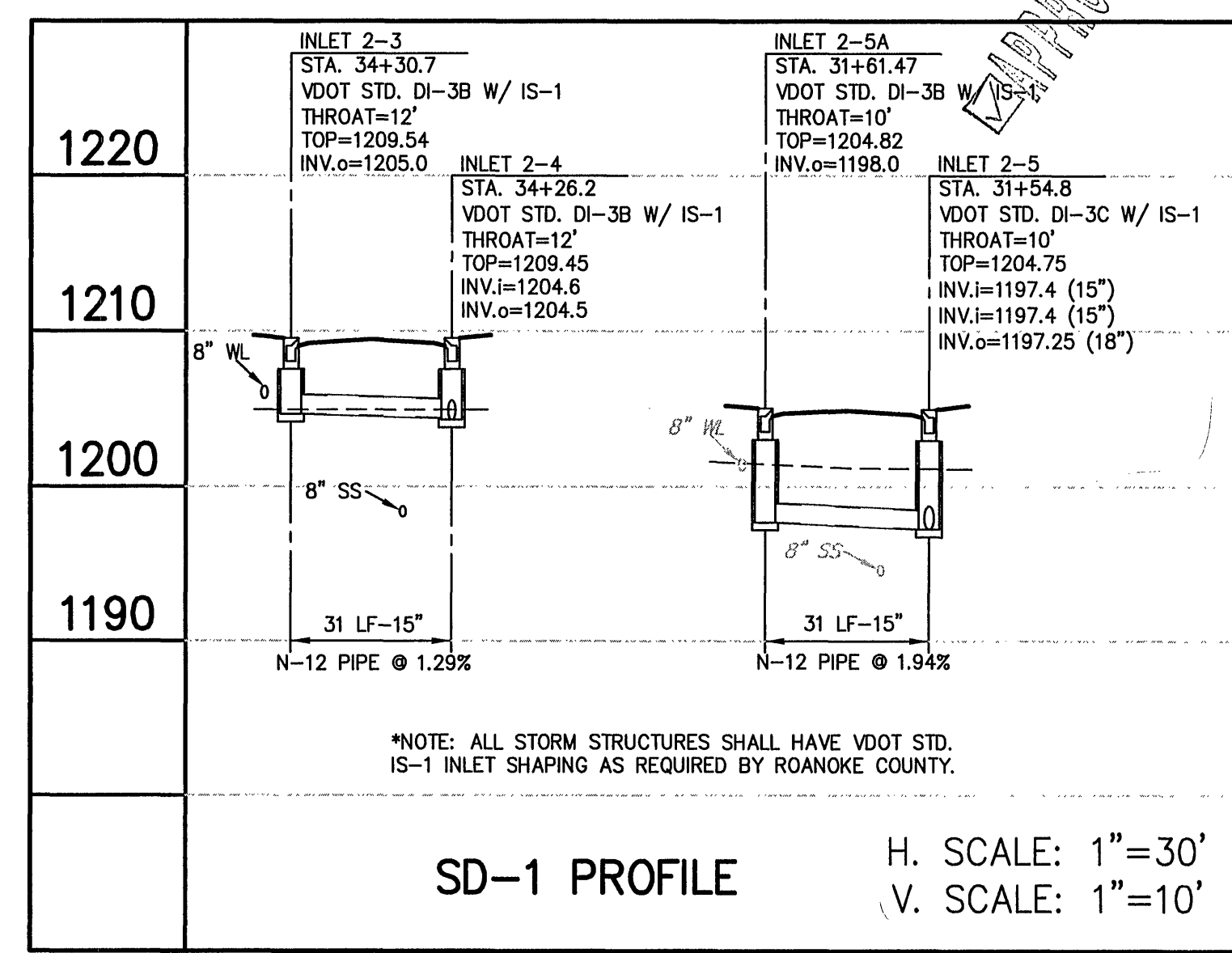
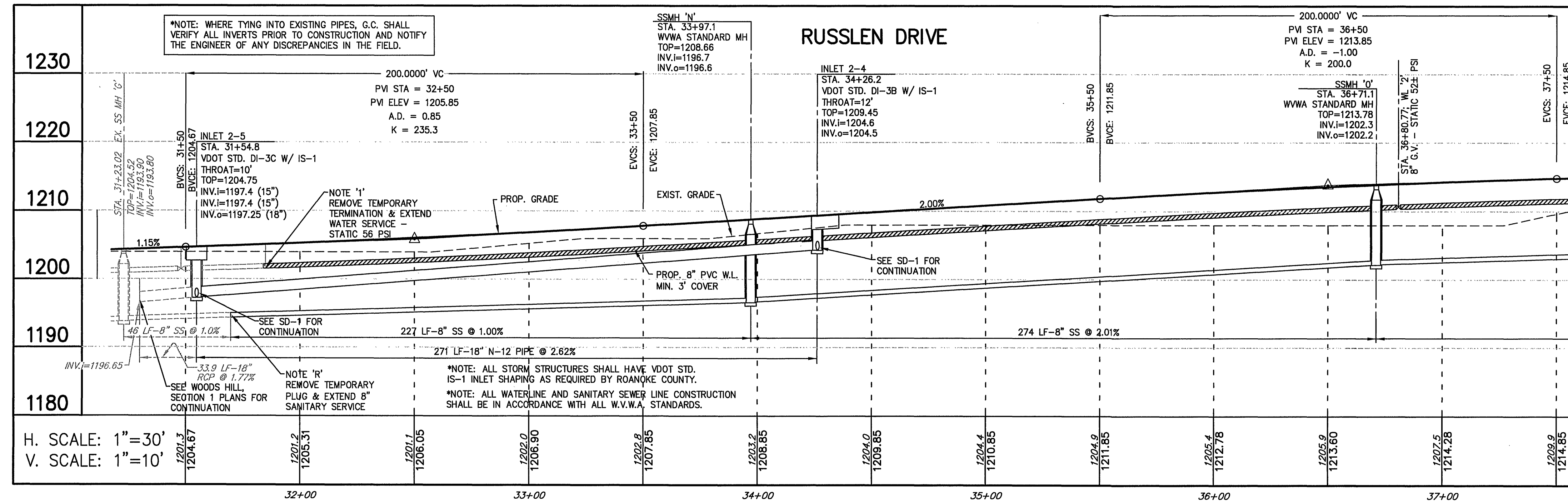
- 1. G.C. SHALL ENSURE POSITIVE DRAINAGE AWAY FROM ALL PROPOSED DWELLINGS.
- 2. OVERLOT GRADING SHOWN IS CONCEPTUAL. A SEPARATE BPPP WILL NEED TO BE SUBMITTED TO ROANOKE COUNTY PRIOR TO HOUSE CONSTRUCTION.
- 3. HOUSE LOCATIONS AND FINISHED FLOOR ELEVATIONS ARE APPROXIMATE. EXACT HOUSE LOCATIONS AND FINISHED FLOOR ELEVATIONS TO BE SHOWN ON THE BPPP.
- 4. WATERPROOFING SHALL BE PROVIDED AS NECESSARY FOR ALL BASEMENT WALLS WHERE THE FINISHED FLOOR WILL BE LOCATED BELOW FINISHED GRADE.
- 5. SEE TABLE ON SHEET C05 FOR MINIMUM SEWERABLE ELEVATIONS FOR DWELLINGS.
- 6. SOIL GROUPS ARE AS SHOWN ON SHEETS C06 AND C07. SEE ESC NARRATIVE ON SHEET C11 FOR ADDITIONAL INFORMATION.

STORM DRAIN STRUCTURES & NOTES

- 2-3 STA. 34+30.7; 15.5' LEFT VDOT STANDARD DI-3B W/ IS-1 THROAT=12' TOP ELEVATION = 1209.54 INVERT IN ELEV. = 1205.0
- 2-4 STA. 34+26.2; 15.5' RIGHT VDOT STANDARD DI-3B W/ IS-1 THROAT=12' TOP ELEVATION = 1204.45 INVERT IN ELEV. = 1204.6
- 2-5A STA. 31+61.47; 15.5' LEFT VDOT STANDARD DI-3B W/ IS-1 THROAT=10' TOP ELEVATION = 1204.76 INVERT IN ELEV. = 1198.0
- 2-5 STA. 31+54.83; 15.5' RIGHT VDOT STANDARD DI-3B W/ IS-1 THROAT=10' TOP ELEVATION = 1204.76 INVERT IN ELEV. = 1197.25

SANITARY SEWER STRUCTURES & NOTES

- N STA. 33+97.1; 6.0' RIGHT WWA STANDARD MANHOLE TOP ELEVATION = 1208.66 INVERT IN ELEV. = 1196.7
- P STA. 39+40.6; 6.0' RIGHT WWA STANDARD MANHOLE TOP ELEVATION = 1216.82 INVERT IN ELEV. = 1205.1
- R STA. 31+69.77; 6.0' RIGHT REMOVE TEMPORARY PLUG & EXTEND 8" SANITARY SEWER SERVICE THROUGH VILLAS at WOODS HILL, SECTION 1
- Q STA. 41+69.0; 34.4' LEFT TOP ELEVATION = 1219.00 INVERT IN ELEV. = 1208.2



SD-1 PROFILE

H. SCALE: 1"=30'
V. SCALE: 1"=10'

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COMMONWEALTH OF VIRGINIA
CHRISTOPHER P. BURNS
Lic. No. 047338
8-5-2011
PROFESSIONAL ENGINEER

WOODS HILL, SECTION 2
GRADING PLAN & PROFILES
CATAWBA DISTRICT
ROANOKE COUNTY, VIRGINIA

DRAWN BY CPB
DESIGNED BY CPB
CHECKED BY BTC
DATE 04/20/2011
SCALE 1"=30'

REVISIONS:
06/03/2011
07/06/2011
08/05/2011

SHEET NO. **C06**
JOB NO. R0500271.01