CONSTRUCTION SEQUENCE (LAGOON CLOSURE):

1. WORK ASSOCIATED WITH THE LAGOON CLOSURE SHALL NOT COMMENCE UNTIL THE GRAVITY SEWER, PUMP STATION, AND FORCE MAIN FOR THIS PROJECT HAVE BEEN TESTED AND APPROVED BY THE COUNTY, VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY (DEQ), AND VIRGINIA DEPARTMENT OF TRANSPORTATION (VDOT), AND SEWAGE FLOW HAS BEEN DIVERTED TO THE NEW SEWER LINE.
2. A PRE-CONSTRUCTION CONFERENCE IS MANDATORY BEFORE ANY WORK IS DONE AT THE SITE. THE CONTRACTOR IS RESPONSIBLE FOR ARRANGING A MEETING WITH THE OWNER, ENGINEER, AND COUNTY ENGINEER. THE PRINCE GEORGE COUNTY DEPARTMENT OF PUBLIC UTILITIES AND THE PRINCE GEORGE COUNTY SCHOOL BOARD SHALL BE NOTIFIED 48 HOURS PRIOR TO ANY LAND DISTURBING ACTIVITIES, DEMOLITION OR GRADING OPERATIONS.
3. WASTEWATER FROM THE LAGOON SHALL BE DISCHARGED AT A CONTROLLED RATE AND IN SUCH A MANNER AS NOT TO EXCEED EFFLUENT AND DISCHARGE LIMITATIONS SPECIFIED IN THE VPDES PERMIT. THE LAGOON DISCHARGE SHALL BE DISINFECTED AND COMPLY WITH ALL VPDES REQUIREMENTS. THE CONTRACTOR SHALL TAKE APPROPRIATE MEASURES TO ENSURE THAT NO SEDIMENT IS DISCHARGED FROM THE LAGOON SYSTEM.
4. ANY LIQUID REMAINING IN THE LAGOON SHALL BE PUMPED TO THE MANHOLE NEAREST THE NEW PUMP STATION. THE CONTRACTOR SHALL TAKE APPROPRIATE MEASURES TO ENSURE THAT NO SEDIMENT ENTERS THE SANITARY SEWER SYSTEM.
5. THE LAGOON RESIDUAL MIXTURE LEFT AFTER DECANTING SHALL BE ALLOWED TO AIR DRY (MINIMUM PERIOD OF TEN (10) DAYS WITH NO SIGNIFICANT PRECIPITATION AND AIR TEMPERATURE EXCEEDING 32 DEGREES FAHRENHEIT. THE LAGOON SEDIMENT SHALL BE COVERED WITH DRY LIME TO REDUCE ODOR POTENTIAL (APPROXIMATELY ONE (1) POUND OR MORE PER 100 SQ. FEET).
6. THE CONTRACTOR SHALL INSTALL EROSION AND SEDIMENT CONTROLS PRIOR TO ANY CLEARING, DEMOLITION, OR GRADING.
7. CONTRACTOR SHALL PERFORM CLEARING, DEMOLITION, OR GRADING.
8. THE CONTRACTOR SHALL THEN STABILIZE ANY CRITICAL EROSION AREAS AND SEED ALL DISTURBED AREAS.
9. THE CONTRACTOR SHALL REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES IN ACCORDANCE WITH THE THIRD EDITION OF THE VIRGINIA SEDIMENT AND EROSION CONTROL HAND BOOK AND AS REQUIRED BY PRINCE GEORGE COUNTY EROSION CONTROL OFFICERS. EROSION CONTROL MEASURES SHALL NOT BE REMOVED UNTIL ALL CONTRIBUTING AREAS HAVE BEEN PERMANENTLY STABILIZED.
10. APPROPRIATE MEASURES SHALL BE TAKEN TO PROHIBIT UNAUTHORIZED ACCESS OF THE LAGOON SITE DURING CLOSURE.
11. CONCRETE DEMOLITION WASTE SHALL BE REDUCED IN SIZE AND BURIED IN THE LAGOON . A MINIMUM OF 2' OF SOIL COVER SHALL BE PROVIDED OVER ANY DEMOLITION WASTE.
12. ALL METAL DEMOLITION WASTE SHALL BE DISPOSED OF OFF-SITE AT AN APPROVED FACILITY.
13. THE CONTRACTOR SHALL FILL THE LAGOON WITH COMPACTED LAYERS OF SUITABLE MATERIAL NOT TO EXCEED 12 INCHES PER LAYER. BERM WALLS MAY BE UTILIZED AS FILL MATERIAL.
14. SPREAD TOPSOIL TO BRING TO FINISHED GRADE AND SEED IN ACCORDANCE WITH EROSION AND SEDIMENT CONTROL NOTES AND THE SPECIFICATIONS.
15. THE CONTRACTOR SHALL REMOVE ANY EXCESS SOIL / MATERIAL AND DISPOSE OF AT AN APPROVED OFF-SITE FACILITY.

FINAL

COMMONWEALTH OF VIRGINIA
ALFRED R. WILLIAMS
No. 032037
2/25/08
PROFESSIONAL ENGINEER

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Site Development | Residential | Infrastructure | Technology

DATE	REVISION DESCRIPTION

DATE	1/4/08
DRAWN BY	M. ROBESON
DESIGNED BY	T. ADAMS
CHECKED BY	T. DILEGO
SCALE	1" = 20'

TIMMONS GROUP

NORTH ELEMENTARY SCHOOL PUMPING STATION & FORCE MAIN
PRINCE GEORGE COUNTY, VIRGINIA
LAGOON CLOSURE PLAN

JOB NO.	24326
SHEET NO.	U4.1

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