



- NOTES:**
- 1 ALL CONSTRUCTION METHODS AND MATERIAL SHALL CONFORM WITH THE CURRENT CITY OF ROANOKE, VIRGINIA DEPARTMENT OF PUBLIC WORKS STANDARDS AND SPECIFICATIONS, DEPARTMENT OF PUBLIC UTILITIES SEWER AND WATER SPECIFICATIONS AND DETAILS, VIRGINIA DEPARTMENT OF TRANSPORTATION ROAD AND BRIDGE STANDARDS, VIRGINIA EROSION AND SEDIMENT CONTROL REGULATIONS AND ANY OTHER APPLICABLE CITY OR STATE ORDINANCES, CODES, AND LAWS PRIOR TO ANY CONSTRUCTION ACTIVITY.
  - 2 ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE CONSTRUCTED AND MAINTAINED ACCORDING TO MINIMUM STANDARDS AND SPECIFICATIONS OF THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK AND VIRGINIA REGULATIONS VR 625-02-00 EROSION AND SEDIMENT CONTROL REGULATIONS.
  - 3 THE CONTRACTOR/DEVELOPER SHALL CONTACT THE PLAN APPROVING AUTHORITY ONE WEEK PRIOR TO THE PRECONSTRUCTION CONFERENCE, ONE WEEK PRIOR TO THE COMMENCEMENT OF LAND DISTURBING ACTIVITY, AND ONE WEEK PRIOR TO THE FINAL INSPECTION.
  - 4 ALL EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE PLACED PRIOR TO OR AS THE FIRST STEP IN CLEARING.
  - 5 A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.
  - 6 PRIOR TO COMMENCING LAND DISTURBANCE IN AREAS OTHER THAN INDICATED IN THESE PLANS (INCLUDING, BUT NOT LIMITED TO, OFF-SITE BORROW OR WASTE AREAS), THE CONTRACTOR SHALL SUBMIT A SUPPLEMENTARY EROSION CONTROL PLAN FOR REVIEW AND APPROVAL TO THE APPROVING AUTHORITY AND A COPY TO THE PM.
  - 7 THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE PLAN APPROVING AUTHORITY.
  - 8 ALL DISTURBED AREAS ARE TO DRAIN TO APPROVED SEDIMENT CONTROL MEASURES AT ALL TIMES DURING LAND DISTURBING ACTIVITIES AND DURING SITE DEVELOPMENT UNTIL FINAL STABILIZATION IS ACHIEVED.
  - 9 PERMANENT OR TEMPORARY SOIL STABILIZATION SHALL BE APPLIED TO DENUDED AREAS WITHIN SEVEN (7) DAYS AFTER FINAL GRADE IS REACHED ON ANY PORTION OF THE SITE.
  - 10 TEMPORARY SOIL STABILIZATION SHALL BE APPLIED WITHIN SEVEN DAYS TO DENUDED AREAS THAT MAY NOT BE AT FINAL GRADE BUT WILL REMAIN DORMANT FOR LONGER THAN 30 DAYS, BUT LESS THAN ONE YEAR.
  - 11 PERMANENT STABILIZATION SHALL BE APPLIED TO AREAS THAT ARE TO BE LEFT DORMANT FOR MORE THAN ONE YEAR.
  - 12 ALL EROSION CONTROL AND TREE PROTECTION DEVICES SHALL BE INSTALLED WITH THE FIRST PHASE OF CONSTRUCTION AND SHALL REMAIN IN PLACE UNTIL ALL DISTURBED AREAS ARE STABILIZED. THE ADDITION OR DELETION OF EROSION CONTROL DEVICES WILL BE AT THE DIRECTION OF THE CIVIL INSPECTOR. EROSION CONTROL DEVICES SHOWN ON THIS PLAN ARE THE MINIMUM NECESSARY UNTIL RELEASE OF BONDS AND OCCUPANCIES AND AS LONG AS UNVEGETATED GROUND REMAINS.
  - 13 THE CONTRACTOR SHALL CONSTRUCT AND MAINTAIN SUFFICIENT DEVICES TO PREVENT SOIL FROM BEING ERODED ON TO ADJACENT STREETS, DRAINAGE SYSTEMS AND WATER COURSES. THE DEVICES SHALL BE CLEANED OF MUD, DEBRIS, AND ERODED MATERIAL DURING ALL STAGES OF CONSTRUCTION. ALL EROSION CONTROL DEVICES SHALL BE MAINTAINED ON A DAILY BASIS AND ARE SUBJECT TO DAILY INSPECTIONS AFTER A STORM EVENT AND/OR AS REQUIRED BY PM AND APPROVING AUTHORITY. ANY NECESSARY REPAIRS OR CLEANUP TO MAINTAIN THE EFFECTIVENESS OF THE EROSION CONTROL DEVICES SHALL BE MADE IMMEDIATELY.
  - 14 THE CONTRACTOR SHALL MONITOR AND TAKE PRECAUTIONS AS SPECIFIED TO CONTROL DUST, INCLUDING (BUT NOT LIMITED TO) USE OF WATER OR CHEMICAL DUST PALLIATIVE, LIMITING THE NUMBER OF VEHICLES ALLOWED ON-SITE, MINIMIZING THE OPERATING SPEED OF ALL VEHICLES, ETC.
  - 15 PRIOR TO CONSTRUCTION OR EXCAVATION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES (PUBLIC OR PRIVATE) THAT MAY EXIST AND CROSS THROUGH THE AREA OF CONSTRUCTION THAT ARE NOT SHOWN ON THESE PLANS. BEFORE YOU DIG, CALL "MISS UTILITY" OF VIRGINIA AT 1-800-552-7001. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING AT HIS EXPENSE ANY EXISTING UTILITIES DAMAGED DURING CONSTRUCTION.
  - 16 ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED, UNLESS OTHERWISE AUTHORIZED BY THE PROGRAM AUTHORITY. TRAPPED SEDIMENT AND THE DISTURBED SOIL AREAS RESULTING FROM THE DISPOSITION OF TEMPORARY MEASURES SHALL BE PERMANENTLY STABILIZED TO PREVENT FURTHER EROSION AND SEDIMENTATION.
  - 17 CONTRACTOR SHALL HAVE A VIRGINIA CERTIFIED "RESPONSIBLE LAND DISTURBER" ON STAFF AND SHALL PROVIDE WRITTEN PROOF THEREOF TO THE ENGINEER PRIOR TO COMMENCEMENT OF ANY LAND DISTURBING ACTIVITY.
  - 18 THE CONTRACTOR SHALL SUBMIT DEWATERING PLANS AND CALCULATIONS TO THE ENGINEER FOR REVIEW. DEWATERING PROCEDURES SHALL MEET THE MINIMUM STANDARDS AND SPECIFICATIONS SET FORTH IN THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK AND AS SPECIFIED IN THE PROJECT MANUAL, WHICH EVER IS MORE STRINGENT.
  - 19 EXISTING SITE CONDITIONS WERE COMPILED UTILIZING PLANS PREPARED BY ALVORD, BURDICK AND HOWSON ENTITLED "ADDITIONS TO SEWAGE TREATMENT PLANT, ROANOKE, VIRGINIA - CONTRACTS A, B, C AND D" DATED 1973 AND PLANS PREPARED BY MALCOLM PIRNIE ENTITLED "WATER POLLUTION CONTROL PLANT UPGRADE AND EXPANSION" DATED 1997. SUPPLEMENTAL DATA WAS INCORPORATED UTILIZING FIELDWORK PERFORMED BY HAZEN AND SAWYER AND AERIAL SURVEY. THE CONTRACTOR IS ADVISED THAT FEATURES, DIMENSIONS AND APPURTENANCES SHOWN ARE NOT WARRANTED TO BE COMPLETE AND ACCURATE IN ALL RESPECTS.
  - 20 CONTRACTOR SHALL PLACE SILT FENCE AROUND ALL LAYDOWN AND SOIL STOCKPILE AREAS AS DIRECTED BY THE ENGINEER AT NO ADDITIONAL COST TO THE OWNER.
  - 21 EXISTING HOUSE IS AVAILABLE FOR CONTRACTOR TO USE AS FIELD OFFICE. AS AN ALTERNATIVE, THE CONTRACTOR MAY DEMOLISH HOUSE AND PLACE CONSTRUCTION TRAILOR AT THIS LOCATION.
  - 22 THESE STRUCTURES SHALL BE DEMOLISHED UPON COMPLETION OF THE PROJECT. THE CONTRACT A CONTRACTOR'S FIELD OFFICE WILL REMAIN IN USE THROUGH THE FIRST 24 MONTHS OF THE CONTRACT B CONSTRUCTION PERIOD. THE CONTRACT B CONTRACTOR SHALL COORDINATE ALL ENTRANCE ROAD CONSTRUCTION ACTIVITIES TO MINIMIZE IMPACTS TO THE CONTRACT A FIELD OFFICE INCLUDING BUT NOT LIMITED TO THE FOLLOWING: POSTPONING ENTRANCE ROAD WORK AS LATE AS POSSIBLE IN THE CONTRACT, POSTPONING INSTALLATION OF SIDEWALK AND CURB AND GUTTER IN THE VICINITY OF THE FIELD OFFICE UNTIL 24 MONTHS INTO CONTRACT B, AND PROVIDING ALTERNATE FIELD OFFICE PARKING IN A LOCATION AGREEABLE TO THE CONTRACT B CONTRACTOR TO REPLACE DISTURBED FIELD OFFICE PARKING.
  - 23 THIS LAYDOWN AREA WILL BE AVAILABLE UPON COMPLETION OF ROAD RELOCATION IN THIS AREA.
  - 24 THESE LAYDOWN AREAS MUST BE VACATED 12 MONTHS AFTER NOTICE TO PROCEED UNLESS OTHERWISE APPROVED BY THE PM.
  - 25 THE TWO (2) EXISTING RESIDENCES AT 1523 AND 1531 BROWNLEE (NOT SHOWN ON THE DRAWINGS) ARE TO BE DEMOLISHED UNDER THIS CONTRACT.

				DESIGNED	DAN	RECORD DRAWING		<div>Hazen and Sawyer</div> <div>Environmental Engineers &amp; Scientists</div> <div>4011 WestChase Blvd, Raleigh, North Carolina 27607</div>		CITY OF ROANOKE VIRGINIA		SITE PLAN GENERAL OVERALL SITE PLAN		THE SCALE BAR SHOWN BELOW MEASURES ONE INCH LONG ON THE ORIGINAL DRAWING.		DATE	MARCH 2004
				DRAWN	RWB									H & S JOB NUMBER		30788B	
				CHECKED										CONTRACT NUMBER		B	
3	AS BUILT	OCT 2007	RLT	PROJ. ENGR.	DAN	THIS DRAWING HAS BEEN MODIFIED TO REFLECT FIELD CHANGES REPORTED BY THE CONTRACTOR OR ANOTHER PARTY, BUT NOT VERIFIED BY THE CERTIFYING ENGINEER. THIS DOCUMENT ORIGINALLY ISSUED AND SEALED BY DAVID A. NAILOR, 025465. THIS MEDIA SHALL NOT BE CONSIDERED A CERTIFIED DOCUMENT.		THIS DOCUMENT ORIGINALLY ISSUED FOR CONSTRUCTION AND SEALED BY ROBERT S. DIFIIORE, SEAL NO. 22769		REGIONAL WATER POLLUTION CONTROL PLANT PROCESS TRAIN IMPROVEMENTS		DRAWING NUMBER		G2			
2	CONSTRUCTION	MAR 2004	RLT														
1	REGULATORY APPROVAL	NOV 2003	RLT														
NO.	ISSUED FOR	DATE	BY	APPROVED													