Bil	Autority Costs High Rancot Excess High Rancot Flores High Rancot of the most limiting larger to transmit water (Scat): Moderately low to Copocate of the most limiting larger to transmit water (Scat): Moderately low to Copocate of the most limiting larger to transmit water (Scat): Moderately low to Copocate of the most limiting larger to transmit water (Scat): Moderately low to Copocate of the water storage in profile: Very low (about 1.0 inches) Interpreted groups	a. Design the stone base of the permeable paver system to provide quantivill drain to the Patrick Henry High School storm drain system. The increase storage is provided in the stone base, and the adequacy of the PHS storm SOILS  General soil information for the site was gathered from the USDA Soil Survey area:  6C-Chiswell-Litz-Urban land complex, 2 to 15 percent slopes Map Unit Setting National map unit symbol: kghm Elevation: 900 to 2,600 feet Mean annual air temperature: 50 to 57 degrees F Frost-free period: 171 to 207 days Farmland classification: Not prime farmland Map Unit Composition Chiswell and similar soils: 25 percent Litz and similar soils: 35 percent Litz and	reinforced "super sitt fence" where sheet flow would exit the site onto the adjacent roadways. Access to the site is limited to one construction entrance so vehicular access is controlled and vehicles can be rinsed prior to exiting the site.  OFF-SITE AREAS  In the event that additional borrow or waste areas are required, areas disturbed off the project site for the purpose of obtaining borrow material, or wasting excess excavated material, including any areas on the project site which are not indicated to be disturbed by the plains, shall be controlled by an approved Erosion Control Plan prepared separately. All plans shall follow applicable criteria in the Virginia Erosion and Sediment Control Handbook, Third Edition, 1992. These areas shall not be disturbed until approval of the plan has been obtained.  CRITICAL AREAS  The site is bounded on all four sides by roadways and it is relatively level, so there are no steeply sloped areas or watercourses which would be considered critical. The main critical areas for this project are the adjacent paved roadways. Care must be taken during construction to prevent sediment from tracking onto the roadways and being washed into the storm drain age system. There is also a storm drain inlet on site which must be protected in order to prevent sediment from being washed into the storm drain system.  STORNWATER MANAGEMENT  Complete stormwater management narrative and calculations are included in the Civil Calculations.  In general, the storch drainage system in Grandin Road has historically had issues with surcharge and flooding. The storm drainage system on the Patrick Henry High School campus, however, is relatively new and was designed according to current storm drainage system, thereby reducing the quantity of runoff to that system. The main building add discharge to the storm drainage system, in Grandin Road. With this project, all of the roof drainage area will be re-directed from Grandin Road to the storm drainage system on the Patrick Henry High School campus. The se	Slopes:  Stopes:  The site is cartenely flat with approximately 7 feet of elevation difference from one corner of the site to the other. Slopes are between 1% and 5%. The site slopes general from the southwest corner to the northeast corner.  Existing Site Drainage Areas:  The site is completely encompassed by curb or curb and gutter, therefore there are no off site drainage areas draining through or to the site. The site tised drains to four general areas. The northern portion of the site drains by sheet flow to Grandin Road. The roof drainage from the building is captured in pipes and is discharged into a storm drain system in Grandin Road. The parking lot and southern portion of the site drains to a drop inled on the southern side of the building. This inled discharges to the storm drainage system on the Patrick Henry High School campus. The eastern portion of the site drains by sheet flow to the emergency access drive and across a parking lot where it is captured in a curb inlet which is also part of the Patrick Henry High School campus storm drainage system.  Undisturbed Areas:  In the site is located in an established reasonable are to be preserved, therefore the construction area will be kept tightly contained to prevent damage to the trees. Therefore the area around the trees will remain mainly undisturbed.  Limits of Clearing.  The limit of Clearing and grading has been delineated on the plan drawings and safety fence has been shown around the perimeter of the construction area. As the project area has already been developed, clearing will consist mostly of grass removal and topsoil stripping with a few select trees to be removed.  ADJACINT AREAS  The site is located in an established residential area in the City of Roanoke and the site is bounded on all sides by roadways and access for the various facilities on the campus. To the east is a secondary access to the campu	PROJECT DESCRIPTION  The Raieigh Court Branch Library is located in the City of Roanoke, Virginia. It is situated on approximately 1.24 acres of a 96 acre campus which is also home to Patrick Henry High School, the Governor's School, Shrine Hill Park, and other institutional facilities. The library portion of the campus is surrounded by roadways on all four sides and sits on the northern side of the campus.  The original library building was constructed in the mid 1960's and has undergone one addition/renovation in the early 1980's. The proposed project consists of additions and a complete renovation of the building to bring the facility up to current library standards. The additional impervious area that will be created, the existing paved parking lot will be planned as well. In order to mitigate the additional impervious area that will be created, the existing paved parking to bring the administrating a permeable parking system. Eliminating the sapiralit parking from the site and replacing it with the permeable pavement yields a nex zero increase in impervious area created by this project.  Although the site bounded by the curbs of the adjacent roadways is 1.24 acres, not all of the site will be disturbed. The disturbed area for the project is approximately 0.98 acres.  Construction is scheduled to begin in the fall of 2014 with an estimated project completion date in the fall of 2015.  Existing Site Conditions  Location Road is located to the north, with a residential area across the street. To the west is the main entrance to the Parkick Henry High School campus from Grandin Road, Just west of its intersection with Brandon Avenue. The site is bounded on all four sides by roadways. Grandin Road is located to the north, with a residential area across the street. To the west is the main entrance to the Parkick Henry High School campus from Grandin Road, On the southern side is Lofton Road which is an access for the various facilities on the campus. To the west is the main entrance of the parking trees are vary	
	Responsible Land Disturber: The Contractor for this project shall assign a Responsible Land Disturber (RLD) for this project prior to the genomencement of any land disturbing activities. This inclividuals information such as name, certification number, telephone mumber, and address shall be written on the RLD section of the erosino control plans once the individual is selected. The RLD shall be responsible for the installation, maintenance, and repair of all erosion and sediment control measures on this project. The RLD shall be the primary contact for notification of problems or emergencies. Monitoring reports noting any failures or problem areas, and how they are being addressed shall be submitted biweekly to the local inspectors and to the Design Engineer.  Erosion Control Measures:  1. All erosion control measures shall be checked weekly and after each rainfall producing runoff to ensure their structural integrity.  2. Silt fences shall be checked regularly to see that a good stand is maintained. Areas will be fertilized and research and there is not an excessive amount of sediment bull-up behind the fence.  3. All seeded areas shall be checked regularly to see that a good stand is maintained. Areas will be fertilized and reseaded as needed.  4. The contractor shall adhere to all instructions given by inspectors or local officials.  Environmental Protection. Provide protection, operate temporary facilities and conduct construction in ways and by methods that comply with environmental regulations, and minimize the possibility that air, waterways, and subsoil might be contaminated or polluted, or that other undesirable effects might result. Avoid the use of tools and equipment which produce harmful noise. Restrict use of noise making tools and equipment to hours that will minimize complaints from persons on or near the site. Maintain erosion control devices. Comply with all local coded pertaining to these issues.  Collection and disposal of waste material and debris. Enforce requirements strictly. Do not hold	Permanent stabilization of the project site will be comprised of impervious cover and vegetative cover. Impervious cover shall include all new building areas, concrete sidewalks, asphalt drives and parking areas, and the gravel construction entrance. Vegetative cover shall be provided in accordance with Permanent Seeding as defined by the following:  1. Seedbed preparation, fertilization, liming, planting, and maintenance shall be performed in accordance with the requirements of section 3.2 of the Virginia Erosion and Sediment Control Handbook.  2. Grass seed: Provide grass seed of pure, live, certified mixture of seed of the latest crop, and containing weed seed less than 0.5% by weight of the total mixture.  3. Fertilizer: Provide commercially prepared, granular fertilizer completely balanced with all plant nutrients. Provide fertilizer uniform in composition, dry and free flowing. Fertilizer shall be of 10-10-10 analysis (percentage by weight) containing 10% nitrogen, 10% phosphorus, and 10% potassum. Apply Fertilizer to lawn areas at the rate of 25 lbs. per 1000 sq. ft.  4. Limestone: Provide raw, ground, agricultural limestone not less than 90% calcium carbonate. Apply limestone to lawn areas are of 100 lbs. per 1000 sq. ft., or as needed to obtain a pla value of 6.5.  5. Mulch: Provide mulch for newly seeded areas consisting of loose, clean, dry straw, free of seeds.  6. Maintenance: Water lawn areas thoroughly and immediately after seeding each area. Water lawn areas once a week until a thick cover of grass is established. Reseed bare areas until establishment of a thick grass cover. Height of grass shall not exceed a finches on lawn areas and maintainable slopes. The Contractor shall mow when the height reaches 6 inches.  7. Preparation: Immediately following placement of topsoil, disk the entire topsoiled area to the full depth of topsoil.  8. Planting: Sow seed uniformly at the recommended rates, divided in half and sown in cross sections.  MANAGENERY Sylvance of the provide provided provided provided	as detailed on the plan drawings. Inis will prevent venicular trainc from tracking mud onto the adjacent roadways, which construction is complete, the construction road stabilization shall be removed to its full depth and the area restored as necessary.  4. Silt Fence - 3.05  Standard silt fences shall be placed downstream of temporary utility excavations, areas of concentrated runoff, around the base of any soil stockpiles, as shown on the drawings, and as determined by appropriate officials during site investigations.  5. Super silt Fence - 3.05 [Modified] Super silt fence shall consist of heavy duty silt fence fabric backed by chain link fence with metal posts. This measure shall be utilized along the perimeter of the construction area as the primary means of erosion control. The majority of the site drains by sheet flow, so using the super silt fence is an appropriate measure.  6. Inlet Protection - 3.07  Inlet protection shall be installed at all existing storm drain inlets that are to remain as shown on the drawings. It shall also be installed at all new storm drain inlets after they are constructed and before the areas upstream are stabilized. Inlet protection shall consist of the block and gravel type unless otherwise approved by the A/E and local authorities.  7. Temporary seeding shall be applied to areas which have been denuded but are not yet at final grade and will remain denuded for an extended period of time. Temporary variety bernal shall be protected by the A/E and local authorities.  8. Tree Preservation and Protection - 3.08  Tree Preservation and Pr	e specified  specified  specified  specified  specified  specifities. A copy of this report is included in the Project Specifications as well as dits facilities. A copy of this report is included in the Project Specifications as well as of this investigation was performed in the building area as well as often portions of ring logs and laboratory data with soil information is included in the report. Location plan. Reference the report for recommendations on using the on-site soils or control plan. Reference the report for recommendations on using the on-site soils or control as dediment control practices will be constructed and maintained according to the strong around the perimeter of the construction area to prevent children or other unaulized around the perimeter of the construction area to prevent children or other unaulized around the perimeter of the construction area to prevent children or other unaulized around the perimeter of the safety fence may be adjusted as construction control to orgoing. The location of the safety fence may be adjusted as construction control to clean and rinse their vehicles to control the tracking of mud, rocks, or other determay use the existing concrete entrance and asphalt parking lot as their construction eust still provide facilities for rinsing mud and dirt from vehicles before they enter the acust will prevent vehicular traffic from tracking mud onto the adjacent roadways.  This will prevent vehicles the contractor's stagling area and access routes. Stabilization in the solution onto the adjacent roadways.	Interpretive groups Land capability classification [irrigated]: 3e Lydrologic Solf coups: Land capability classification [irrigated]: 3e Lydrologic Solf coups: C Description of Urban Land Properties and qualities Stope: 2 or 15 percent Depth to restrictive feature: 10 inches to Interpretive groups Land capability classification [irrigated]: None specified Land capability classification [irrigated]: None Land capability classification [irrigated	
	ES-4: A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.  PRIOR TO COMMENCING LAND DISTURBING ACTIVITIES IN AREAS OTHER THAN INDICATED ON THESE PLANS (INCLUDING, BUT NOT LIMITED TO, OFF-SITE BORROW OR WASTE AREAS), THE CONTRACTOR SHALL SUBMIT A SUPPLEMENTARY EROSION CONTROL PLAN TO THE OWNER FOR REVIEW AND APPROVAL BY THE PLAN APPROVING AUTHORITY.  ES-6: 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.  ES-7: ALL DISTURBED AREAS ARE TO DRAIN TO APPROVED SEDIMENT CONTROL MEASURES AND DURING SITE DEVELOPMENT UNTIL FINAL STABILIZATION IS ACHIEVED.  DURING DEWATERING OPERATIONS, WATER WILL BE PUMPED INTO AN APPROVED FILTERING DEVICE.  ES-8: THE CONTRACTOR SHALL INSPECT ALL EROSION CONTROL MEASURES PERIODICALLY AND AFTER EACH RUNOFF-PRODUCING RAINFALL EVENT. ANY NECESSARY REPAIRS OR CLEANUP TO MAINTAIN THE EFFECTIVENESS OF THE EROSION CONTROL DEVICES SHALL BE MADE IMMEDIATELY.	VESCH GENERAL NOTES  UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CONSTRUCTED AND MAINTAINED ACCORDING TO MINIMUM STANDARDS AND SPECIFICATIONS OF THE VIRGINIA EROSION AND SPECIFICATIONS OF THE VIRGINIA REGULATIONS OF THE VIRGINIA REGULATIONS OF THE VIRGINIA REGULATIONS OF THE VIRGINIA REGULATIONS OF THE SEDIMENT CONTROL REGULATIONS.  ES-2: THE PLAN APPROVING AUTHORITY MUST BE NOTIFIED ONE WEEK PRIOR TO THE PRE-CONSTRUCTION CONFERENCE, ONE WEEK PRIOR TO THE COMMENCEMENT OF LAND DISTURBING ACTIVITY, AND ONE WEEK PRIOR TO THE FINAL INSPECTION.  ES-3: ALL EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE PLACED PRIOR TO OR AS THE FIRST STEP IN CLEARING.	MS-14: OTHER REGULATIONS REGARDING LIVE WATERCOURSES NO LIVE WATERCOURSES WILL BE DISTURBED WITH THIS PROJECT.  MS-15: STABILIZATION OF DISTURBED WATERCOURSES NO LIVE WATERCOURSES WILL BE DISTURBED WITH THIS PROJECT.  MS-16: UTILITY INSTALLATIONS CONSTRUCTION STANDARDS FOR UTILITY TRENCHING ARE SHOWN ON THE UTILITY AND STORM DRAIN PLANS AS WELL AS THE PROJECT SPECIFICATIONS.  MS-17: CONSTRUCTION ENTRANCE MAINTENANCE IS ADDRESSED IN THE EROSION CONTROL NARRATIVE AS WELL AS IN EROSION CONTROL NARRATIVE AS WELL AS IN EROSION CONTROL MAINTENANCE NOTE #4 AND #6 AND EROSION CONTROL MAINTENANCE NOTE #5.  MS-18: REMOVAL OF TEMPORARY MEASURES THIS IS ADDRESSED IN THE EROSION CONTROL GENERAL NOTE #2.  MS-19: STORMWATER MANAGEMENT IS ADDRESSED IN THE EROSION CONTROL NARRATIVE AND SEPARATE CALCULATION PACKAGE.	MS-6: SEDIMENT BASINS DUE TO THE COMPACT NATURE OF THE SITE AND SMALL DRAINAGE AREAS OPEN WATER SEDIMENT DEVICES SUCH AS SEDIMENT BASINS AND SEDIMENT TRAPS ARE NOT USED ON THIS PROJECT.  MS-7: SLOPE EROSION MINIMIZATION AREAS OF SLOPE EROSION WILL BE ADDRESSED ON AN AS-NEEDED BASIS.  MS-8: CHANNELIZATION OF CONCENTRATED FLOW AT SLOPES THE SITE HAS BEEN DESIGNED SO THAT CONCENTRATED FLOW IS NOT DIRECTED TOWARD SLOPED AREAS. SHEET FLOW IS UTILIZED AS MUCH AS POSSIBLE. CONCENTRATED FLOW IS CAPTURED IN STORM DRAINAGE STRUCTURES AND PIPES.  MS-9: SLOPE SEEPAGE PROTECTION AREAS OF SLOPE SEEPAGE WILL BE ADDRESSED ON AN AS-NEEDED BASIS.  MS-10: INLET PROTECTION INLET PROTECTION HAS BEEN SHOWN ON THE PLAN DRAWINGS AT ALL NEW STORM DRAIN INLETS AND APPROPRIATE EXISTING STORM DRAIN INLETS.  MS-11: OUTLET PROTECTION IN ONEW STORM DRAIN OUTLETS ARE PROPOSED WITH THIS PROJECT, OUTLET PROTECTION IS NOT REQUIRED.  MS-12: LIVE WATERCOURSES WILL BE DISTURBED WITH THIS PROJECT.  IEMPORARY VEHICULAR STREAM CROSSINGS WILL BE DISTURBED WITH THIS IEMPORARY VEHICULAR STREAM CROSSINGS WILL BE DISTURBED WITH THIS	VESCH MINIMUM STANDARDS 1–19  THE FOLLOWING ARE THE MINIMUM STANDARDS 1–19 AS DESCRIBED IN CHAPTER 8 "LAW AND REGULATIONS" OF THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK (VESCH – THIRD EDITION 1992)  MS-1: IEMPORARY AND PERMANENT STABILIZATION THIS IS ADDRESSED IN THE EROSION CONTROL NARRATIVE AS WELL AS EROSION CONTROL GENERAL NOTE #7.  MS-2: STOCKPILE STABILIZATION THE EROSION CONTROL NARRATIVE AS WELL AS EROSION CONTROL GENERAL NOTE #9.  MS-3: PERMANENT VEGETATIVE STABILIZATION THE EROSION CONTROL NARRATIVE PERMANENT STABILIZATION SECTION AS WELL AS THE PERMANENT STABILIZATION SECTION AS WELL AS THE PERMANENT SEEDING NOTES.  MS-4: INSTALLATION OF E&S MEASURES THIS IS ADDRESSED IN THE EROSION CONTROL NARRATIVE AS WELL AS EROSION CONTROL GENERAL NOTE #10.  MS-5: EARTHEN CONTROLS STABILIZATION CONTROL NARRATIVE AS WELL AS EROSION CONTROL GENERAL NOTE #5.	
	TOPSOIL, DISK THE ENTIRE TOPSOILED AREA TO THE FULL DEPTH OF TOPSOIL AND RAKE THE AREA FREE OF STONES AND DEBRIS OVER 1/2 INCH IN ANY DIMENSION TO THE FULL DEPTH OF TOPSOIL.  8. PLANTING: SOW SEED UNIFORMLY AT THE RECOMMENDED RATES, DIVIDED IN HALF AND SOWN IN CROSS SECTIONS.  9. HYDROSEEDING:  MULCH: PROVIDE PIBER MULCH, BIODEGRADABLE, DYED-WOOD, CELLULOSE-FIBER MULCH; NONTOXIC; FREE OF PLANT-GROWTH OR GERMINATION INHIBITORS; WITH MAXIMUM MOISTURE CONTENT OF 15 PERCENT AND A PH RANGE OF 4.5 TO 6.5.  TACKIFIER: PROVIDE NON-ASPHALTIC COLLOIDAL TACKIFIER RECOMMENDED BY FIBER-MULCH MANUFACTURER FOR SLURRY APPLICATION; NON TOXIC AND FREE OF PLANT-GROWTH OR GERMINATION INHIBITORS. TACKIFIERS SHALL BE USED AT THE CREST OF HILLS AND ON ALL SLOPES, CHANNELS, AND OTHER AREAS PRONE TO EROSION.  MIX SPECIFIED SEED, FERTILIZER, AND FIBER MULCH IN WATER, USING EQUIPMENT SPECIFICALLY DESIGNED FOR HYDROSEED APPLICATION. CONTINUE MIXING UNTIL UNIFORMLY BLENDED INTO HOMOGENEOUS SLURRY SUITABLE FOR HYDROSEED APPLICATION. MIX SLURRY WITH THE TACKIFIER AT THE MANUFACTURERS RECOMMENDED RATES, APPLY SLURRY UNIFORMLY TO ALL AREAS TO BE SEEDED IN A ONE-STEP PROCESS. APPLY MULCH AT A MINIMUM RATE OF 1,500 LB/ACRE DRY WEIGHT BUT NOT LESS THAN THE RATE REQUIRED TO OBTAIN SPECIFIED SEED-SOWING RATE.	AIXTURE OF RE-CLEANED SEED OF THE TOTAL MIXTURE. SEED HESS THAN CONTAINING WEED SEED OF THE CONTAINING PROVIDE COMMERCIALLY PREPAREI COMPLETELY BALANCED WITH ALL PROVIDE FERTILIZER UNIFORM IN CREE FLOWING. FERTILIZER SHALL BE ANALYSIS (PERCENTAGE BY WEIGHT) SEN, 10% PHOSPHORUS, AND 10% POTILIZER TO LAWN AREAS AT THE RAYSON THE TO LAWN AREAS AT THE RAYSON SQ FT, OR AS NEEDED TO OBTAIN STATE OF LOSE, CLEAN, DRY STRAW, FRICE: WATER LAWN AREAS THOROUGH AFTA TO GRASS COVER. HEIGHT OF GRASSINCHES ON LAWN AREAS AND MAINT ONTRACTOR SHALL MOW WHEN HEIGHTON SET TO SON! IMMEDIATELY FOLLOWING PLACE.	EQUIPMENT WHICH PRODUCE HARMFUL NOISE. RESTRICT USE OF NOISE MAKING TOOLS AND EQUIPMENT TO HOURS THAT WILL MINIMIZE COMPLAINTS FROM PERSONS ON OR NEAR THE SITE. MAKING TOOLS AND EQUIPMENT TO HOURS THAT WILL MINIMIZE COMPLAINTS FROM PERSONS ON OR NEAR THE SITE. MAND LEROSION CONTROL DEVICES. COMPLY WITH ALL LOCAL CODES PERTAINING TO THESE ISSUES.  7. COLLECTION AND DISPOSAL OF WASTE: COLLECT WASTE FROM CONSTRUCTION AREAS AND ELSEWHERE DAILY. COMPLY WITH REQUIREMENTS OF NFPA 241 FOR REMOVAL OF COMPLY WITH REQUIREMENTS OF NFPA 241 FOR REMOVAL OF COMPLY WITH REQUIREMENTS OF NFPA 241 FOR REMOVAL OF COMPLY WITH REQUIREMENTS OF NFPA 241 FOR REMOVAL OF COMPLY WITH REQUIREMENTS OF NFPA 241 FOR REMOVAL OF COMPLY WASTE MATERIALS MORE THAN 7 DAYS DURING NORMAL WEATHER OR 3 DAYS WHEN THE TEMPERATURE IS EXPECTED TO RISE ABOVE 80 DEGREES F. (27 DEGREES C). HANDLE HAZARDOUS, DANGEROUS, OR UNSAUTTARY WASTE MATERIALS. SEPARATELY FROM OTHER WASTE BY CONTAINERIZING PROPERLY. DISPOSE OF MATERIAL IN A LAWFUL MANNER.  9. PERMANIENTS OF SECTION 3.32 OF THE VIRGINIA EROSION & SEDIMENT CONTROL HANDBOOK.	EROSION CONTROL MAINTENANCE NOTES  1. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CHECKED WEEKLY AND AFTER EACH RAINFALL PRODUCING RUNOFF TO INSURE THEIR STRUCTURAL INTEGRITY.  2. SILT FENCES WILL BE CHECKED TO SEE THAT THEIR STRUCTURAL INTEGRITY IS MAINTAINED, THERE IS NO RUNOFF BEING DIVERTED AROUND THE FENCE, AND THERE IS NOT AN EXCESSIVE AMOUNT OF SEDIMENT BUILT—UP UP BEHIND THE FENCE.  3. ALL SEEDED AREAS WILL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS WILL BE FERTILIZED AND RE—SEEDED AS NEEDED.  4. CONTRACTOR SHALL ADHERE TO ALL INSTRUCTIONS GIVEN BY INSPECTORS OR LOCAL OFFICIALS.  5. THE CONSTRUCTION ENTRANCE SHALL BE MAINTAINED BY TOP DRESSING STONE PERIODICALLY IN ORDER TO PREVENT TRACKING OF MUD ONTO ADJACENT ROADWAYS.  6. ENVIRONMENTAL PROTECTION: PROVIDE PROTECTION, OPERATE TEMPORARY FACILITIES AND CONDUCT CONSTRUCTION IN WAYS AND BY METHODS THAT COMPLY WITH ENVIRONMENTAL REGULATIONS, AND MINIMIZE THE POSSIBILITY THAT AIR, WATERWAYS AND SUBSOIL MIGHT BE CONTAMINATED OR POLLUTED, OR THAT OTHER UNDESTRABLE EFFECTS MIGHT RESULT. AVOID USE OF TOOLS AND	SITE SPECIFIC EROSION CONTROL NOTES  1. PARKING: CONTRACTOR SHALL NOT UTILIZE NEIGHBORHOOD STREETS FOR PARKING OR STAGING. CONTRACTOR SHALL MAINTAIN ALL CONSTRUCTION PARKING, EQUIPMENT, AND STAGING ON SITE OR CONTRACTOR SHALL SHUTTLE FROM ALTERNATE LOCAL PARKING LOTS AS NECESSARY. OBTAIN PERMISSION FROM PARKING LOT OWNERS PRIOR TO USING.  2. MUD: CONTRACTOR SHALL USE ALL MEANS NECESSARY TO PREVENT MUD FROM BEING TRACKED ONTO THE ADJACENT STREETS. 1. CONSTRUCTION ENTRANCES SHALL HAVE WASH RACKS WITH WATER HOSES AVAILABLE TO RINSE MUD AND DIRT FROM VEHICLES. 2. CONSTRUCTION VEHICLES SHALL STAY ON THE GRAVEL AREAS AND AVOID TRAVELING THROUGH UNDISTURBED AREAS AS MUCH AS POSSIBLE.  3. SAFETY FENCE: CONTRACTOR SHALL ADJUST LOCATION OF SAFETY FENCE TO ACCOMMODATE NEW CONSTRUCTION WHILE MAINTAINING REQUIRED EGRESS. CORDINATE RELOCATION WITH OWNER,	
	2. THE RLD SHALL BE RESPONSIBLE FOR THE INSTALLATION, MAINTENANCE, AND REPAIR OF ALL EROSION & SEDIMENT CONTROL MEASURES ON THIS PROJECT.  3. THE RLD SHALL BE THE PRIMARY CONTACT FOR NOTIFICATION OF PROBLEMS OR EMERGENCIES.  4. THE RLD SHALL SUBMIT MONITORING REPORTS NOTING ANY FAILURES OR PROBLEM AREAS, AND HOW THEY ARE BEING ADDRESSED. MONITORING REPORTS SHALL BE SUBMITTED BIWEEKLY TO LOCAL INSPECTORS AND TO THE ARCHITECT / ENGINEER.  1,		TRAIN PROCESS AND TRAIN	EROSION CONTROL GENERAL NOTES  ALL EROSION AND SEDIMENTATION CONTROL PRACTICES SHALL BE IN ACCORDANCE WITH THE VIRGINIA EROSION & SEDIMENT CONTROL HANDBOOK, LATEST EDITION.  ALL EROSION CONTROL MEASURES WHICH SERVE THIS SITE SHALL REMAIN IN PLACE AND SHALL BE MAINTAINED BY THE CONTRACTOR UNTIL THE AREAS THEY SERVE HAVE BEEN STABILIZED. CONTRACTOR SHALL REMOVE ALL EROSION CONTROL MEASURES THAT SERVE THIS SITE ONCE THE AREAS THEY SERVE HAVE BEENSTABILIZED, AND STABILIZATION HAS BEEN APPROVED IN WRITING BY LOCAL INSPECTORS. ALL TEMPORARY CONTROLS MUST BE REMOVED WITHIN 30 DAYS ONCE THEY ARE DEEMED NO LONGER NECESSARY. TRAPPED SEDIMENT MUST BE REMOVED AND APPROPRIATELY STABILIZED.  CONTRACTOR SHALL INSTALL ADDITIONAL EROSION CONTROL MEASURES AS DEEMED NECESSARY BY INSPECTORS OR LOCAL OFFICIALS.  CONTRACTOR SHALL MAINTAIN ALL STREETS AND ROADWAYS FREE OF MUD AND DIRT, AND SHALL CONTROL ANY TEMPORARY EARTH BERMS, DIVERSIONS, AND SOIL STOCKPILES SHALL BE SEEDED FOR TEMPORARY VEGETATIVE COVER WITH 7 DAYS AFTER INSTALLATION.	REGULATORY NOTES  1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FOR THE WORK FROM FEDERAL STATE, OR LOCAL REGULATORY AGENCIES.  2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL DOCUMENTATION REQUIRED BY THE REGULATORY AGENCIES TO OBTAIN THE NECESSARY PERMITS.  3. THE CONTRACTOR SHALL KEEP ON SITE AND MAINTAIN ALL REQUIRED PERMITS, DOCUMENTATION, PLANS, AND RECORD KEEPING DATA REQUIRED BY REGULATORY AGENCIES AND PERMITS.  4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FOR AREAS DISTURBED OUTSIDE THE PROJECT AREA SHOWN ON THE DRAWINGS. THIS SHALL INCLUDE THE PREPARATION OF ALL PLANS AND DOCUMENTATION REQUIRED TO OBTAIN THE NECESSARY PERMITS. THIS SHALL APPLY TO OFF—SITE AREAS AS WELL AS ANY AREAS ON THE PROJECT SITE WHICH ARE OUTSIDE THE LIMITS OF DISTURBANCE SHOWN ON THE DRAWINGS. THESE AREAS SHALL NOT BE DISTURBED UNTIL THE REQUIRED PERMITS ARE OBTAINED.	
		PROJECT NO: 14001  SCALE: AS INDICATED  EROSION & SEDIMENT CONTROL NOTES & NARRATIVE	Addition & Renovation  CITY OF ROANOKE  LEIGH COURT BRANO  2112 GRANDIN ROAD SW, VIRGINIA 24015	4 90% DOCUMENTS FOR FINAL 08/15 REVIEW	ATE 7/2014  C WILLIAM A. SHELTON Lic. No. 031651  S/S/ONAL ENGINEE  ARCHITECTS AND ENGINEE	

. .