SEWER NOTES GENERAL NOTES QUANTITY UNIT PRICE COST BONDABLE A minimum cover of three (3) feet is required over proposed lines. All construction methods and materials shall conform to the Construction Standards and Specifications of Roanoke County and/or the Virginia Contractor shall be responsible for locating and uncovering all Department of Transportation. manholes after paving. Manhole tops shall be adjusted to grade if necessary. The contractor or developer is required to notify the Roanake County Engineering Division in writing at least three (3) days prior to any construction, including, but not limited to the following: All existing utilities may not be shown or may not be shown in the exact location. The contractor shall comply with State Water Works EACH Regulations, Section 12.05.03, where lines cross. A. Installation of approved erosion control devices B. Clearing and ar ibbing House connections are to be made with 4'pipe installed at a minimum Subgrade excavation D. Installing storm sewers or culverts
E. Setting curb and gutter forms grade of Winch to I foot in R/W. MANHOLE N Laterals from manholes shall be PVC or Ductile Iron of sufficient F. Placing curb and gutter MANHOLE MH G. Placing other concrete length to provide two (2) feet of bearing on natural ground. The transition from ductile iron to asbestos cement or concrete pipe H. Placing gravel base shall be made with an adapter coupling in R/W. LiPlacing any madway cirtate i. Installing water lines All trenches in existing or future rights-of-way shall be compacted -IN. CONCRETE PIPE, CLASS III W. ISTALLICE SON TAKE SAWAR TORK according to V.D.O.T. standards. -IN. CONCRETE PIPE. CLASS IV Agre, stort, or term elso la be scheduled with the Roanske. county traineering is something be held at least one il day promis-Lines shall be staked prior to construction. to any construction. VICINITY MAP Measures to control erosion and siltation must be provided prior to plan approval. Plan approval in no way relieves the developer or -IN. C.M. CUL VERT LIN. FT. contractor of the responsibilities contained within the erosion and -IN. C.M. CULVERT LIN. FT. siltation control policies. WATER NOTES A permit must be obtained from the V.D.O.T. Residency Office. Roanake County, prior to construction in the highway right-of-way. Plan approval does not guarantee issuance of any permits by V.D.O.T. A minimum cover of three (3) feet is required over proposed lines. BOX CULVERT LUMP SUM SURVEY INFORMATION An approved set of plans and all permits must be available at the Contractor shall be responsible for locating and uncovering valve construction site. vaults after paving and adjustment to final grade if necessary. PAVED DITCH LIN. FT. Field construction shall honor proposed drainage divides as shown All existing utilities may not be shown or may not be shown in the Horizontal and vertical control surveys were performed in (year) AUGUST 1994 on plans. exact location. The contractor shall comply with the State Water Work PIPRAP - CLASS S.F. by BALZER AND ASSOCIATES, INC Regulations, Section 12.05.03, where lines cross. All unsuitable material shall be removed from the construction limits of the roadway before placing embankment. ODDED SWALE All trenches in existing or future highway right-of-ways shall be S.Y. All elevations must be referenced to the National Geodetic Vertical Datum of 1929. compacted according to V.D.O.T. standards. Pavement sections on approved plans are based on a minimum CBR of 10. CBR tests are to be performed by the engineer and submitted to V.D.O.T. Lines shall be staked prior to construction. EACH Source of topographic mapping is BALZER AND ASSOCIATES, INC. and to the Roanoke County Engineering Division prior to placement. · doted AUGUST 1994 CBR values < 10 will require revised pavement sections. Water main shall be minimum Class 52 Ductile Iron in accordance to AWWA C151 or DR-14 PVC in accordance with AWWA C-900. All roadside ditches or grades of more than 5 percent shall be paved -IN. END SECTION ES-Boundary was performed by BALZER AND ASSOCIATES, INC with cement concrete to the limits as indicated on the plans and as Availability number 95-642 required at the field inspection. dated AUGUST 1994 Location of guard rails shall be determined at a joint field inspection EADER CURB & GUTTER CGby the County and V.D.O.T. LIN. FT. URB & GUTTER CG-LIN. FT. LEGEND All springs shall be capped and piped to the nearest storm sewer or natural watercourse. The pipe shall be 6 inch minimum diameter and ALLEY GUTTER EACH L BENCHMARK EXISTING DROP INLET AT THE SOUTHWEST CORNER conform to V.D.Q.T. Standard SB-1. S.Y. HAVEL BASE OF BUILDING ADDITION: ELEV = 1235.80 Property Line Standard street and traffic control signs shall be erected at each intersection by the developer prior to final street acceptance. RAVEL SHOULDER S.Y. Right-of-way URFACE TREATMENT S.Y. Construction debris shall be containerized in accordance with the Centerline Virginia Litter Control Act. No less than one litter receptacle -IN. BIT. CONC .: TYPE B-5.Y. shall be provided on site. Minimum Building Line -IN. BIT. CONC .: TYPE S-Existing Storm Sever The contractor shall provide adequate means of cleaning mud from -IN. BASE MATERIAL trucks and/or other equipment prior to entering public streets. -IN. SUBBASE MATERIAL Existing Sanitary Sever It is the contractors responsibility to insure that the streets are in a clean, and and dust free condition at all times. Existing Water Main -- -- 4' W --- -- 4' W --- --The developer and/or contractor shall supply all utility companies Existing Contour ----with copies of approved plans, advising them that all grading and TRAFFIC BARRICADE EACH JOHN R. MCADEN Proposed Contour ₹Ö PATRICIA L/MILEY installation shall conform to approved plans. B' WATER LINE LIN. FT. No. 023323 Proposed Drainage Divide S' WATER LINE LIN. FT. Contractors shall notify utilities of proposed construction at least 4-21-95 4.21.95 two (2), but not more than ten (10) working days in advance. Area Proposed Limits of Clearing public utilities may be notified thru 'Miss Utility': 1-800-552-7001. FIRE HYDRANT ASSEMBLIES EACH Proposed Storm Sewer The developer or contractor shall supply the county with correct BLOW OFFS W/VAULT, FRAME & COVER EACH Proposed Sanstary Seven As-Built plans before final acceptance. -IN. GATE VALVES. W/VAULT. FRAME & COVER EACH PROFESSIONAL ENGINEER CERTIFIED LAND SURVEYOR Proposed Water Main SEAL AND SIGNATURE All work shall be subject to inspection by Roanoke County and/or: SEAL AND SIGNATURE -IN. GATE VALVES, W/VAULT, FRAM & COVER EACH V.D.O.T. inspectors. Field corrections shall be approved by the Roanoke County Engineering Division prior to such construction. 100 year floodway and floodplain information shall be shown where 8 SANITARY SEWER LIN. FT. COUNTY OF ROANOKE Grade stakes shall be set for all cumb and gutter, culver, sanitary STANDARD MANHOLE W/FRAME & COVER EACH sewer and storm sewer. SAMPLING MANHOLE/POR EACH I SCO DWNER/DEVELOPER, AM AWARE <u>INDEX</u> AS-BUILT PLANS LUMP SUM NAME OF DEVELOPMENT NEW GLENVAR MIDDLE SCHOOL OF THE SITE DESIGN REQUIREMENTS -IMPOSED BY THIS SITE DEVELOPMENT PLAN AND OTHER APP-COVER SHEET LICABLE COUNTY CODES, I HEREBY CERTIFY THAT SITE DIMENSIONAL AND UTILITY PLAN I AGREE TO COMPLY WITH THESE REQUIREMENTS. MAGISTERIAL DISTRICTION CATAWBA STORMWATER MANAGEMENT LUMP SUM UNLESS MODIFIED IN ACCORDANCE WITH LOCAL LAW GRADING AND EROSION-SEDIMENT CONTROL PLAN SCHOOL BOARD OF ROANOKE COUNTY PROFILES 526 COLLEGE AVE. OWNER (name, address, telephone) (703) 387-64-00 SALEM , VIRGINIA DETAILS 10% CONTINGENCY C6 OVERVIEW DEVELOPER (name, address, telephone) SAME OVERVIEW SEWER DETAILS ESTIMATED TOTAL C9 WATER DETAILS BALZER AND ASSOCIATES, INC. EROSION SEDIMENT CONTROL 1208 CORPORATE CIRCLE ENGINEER, ARCHITECT OR SURVEYOR (name, address, telephone) (2) REY. PER COUNTY COMMENTS JUNE 2,1995 ROANOKE VIRGINIA 24018 STORMWATER MANAGEMENT DETAILS (I) REY, PER. COUNTY COMMENTS WAY 11,1995 HEREBY CERTIFY THAT THE FOREGOING ESTIMATE REFLECTS THE CURRENT IMPROVEMENT COSTS OF THIS PROJEC TAX MAP NO(S) _____ 54.02 PARCEL NOIS) 1,263 BLOCK NO(S) 4 DATE: APRIL 21,1995 JOB NUMBER 93256 RC-5884

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