

ALL CONSTRUCTION METHODS AND MATERIALS SHALL CONFORM TO THE CONSTRUCTION STANDARDS AND SPECIFICATIONS OF THE CITY OF ROANOKE, WDOI, AND/OR THE WESTERN VIRGINIA WATER AUTHORITY, AS APPLICABLE. THE CONTRACTOR IS REQUIRED TO NOTIFY THE CITY OF ROANOKE ENGINEERING DIVISION IN WRITING AT LEAST THREE (3) DAYS PRIOR TO ANY CONSTRUCTION, INCLUDING BUT NOT LIMITED TO THE FOLLOWING:

[illegible]

A MINIMUM VARIETY OF THREE (3) FEET IS REQUIRED AND PROPOSED LINES OF CONSTRUCTION SHALL BE RESPONSIBLE FOR LOCATING AND UNDERPINNING ALL MANHOLES AFTER FIRMATION OF THE EXISTING STRUCTURES. IF NECESSARY, SEE SHEET C-300 FOR SEWER PROFILES AND MANHOLE RIM ELEVATIONS AT INSTALLATION AND AT FINAL GRADE.

ALL EXISTING UTILITIES MAY NOT BE SHOWN, OR MAY NOT BE SHOWN IN THE EXACT LOCATION. THE CONTRACTOR SHALL COMPLY WITH STATE WATER WORKS REGULATIONS, SECTION 12.65.03, WHERE LINES CROSS.

ALL SINKHOLE SEWER MATERIALS FIRMATION AND INSTALLATION SHALL BE IN STRICT ACCORDANCE WITH WMA STANDARDS AND SPECIFICATIONS, AND BUILDING CODE REQUIREMENTS, AS APPLICABLE.

NEW SINKHOLE SEWER MANHOLES SHALL BE PRE-CAST CONCRETE, AND SHALL BE EQUIPPED WITH WMA APPROVED WATERTIGHT FRAMES AND COVERS.

NEW SINKHOLE SEWER PIPES, FITTINGS, CLEANOUT STAKES, ETC. SHALL BE SDR-35 POLYETHYLENE TEREPHTHALATE (PET), LINES DIFFERENT INDICATED ON THE DRAWINGS. POLYETHYLENE TEREPHTHALATE (PET), LINES DIFFERENT INDICATED ON THE DRAWINGS. POLYETHYLENE TEREPHTHALATE (PET), LINES DIFFERENT INDICATED ON THE DRAWINGS. ALL NEW EXTERIOR SINKHOLE SEWER CLEANOUTS

ALL STRUCTURES IN EXISTING OR FUTURE HIGHWAY RIGHT OF WAY SHALL BE CONSTRUCTED ACCORDING TO CITY OF BOULDER STANDARDS.

USES SHALL BE STAKED PRIOR TO CONSTRUCTION.

A MINIMUM COVER OF THREE (3) FEET IS REQUIRED OVER PROPOSED LINES. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND UNCOVERING UTILITY VALVES AT THEIR PLACING AND ADJUSTMENT TO FINAL GRADE, IF NECESSARY. ALL EXISTING UTILITIES MAY NOT BE SHOWN, OR MAY NOT BE SHOWN IN THE EXACT LOCATION. THE CONTRACTOR SHALL COMPLY WITH STATE WATER WORKS REGULATION, SECTION 126.010, WHERE LINES CROSS. ALL TRENCHES IN EXISTING OR OTHER EXISTING PAVEMENT FOR MAINS SHALL BE COMPLETED ACCORDING TO CITY OF COVINGTON STANDARDS. LINES SHALL BE STAKED PRIOR TO CONSTRUCTION.

WATER MAIN SHALL BE MINIMUM CLASS 32 DUCTILE IRON IN ACCORDANCE WITH MAIN CHART OR DR-41-PRC IN ACCORDANCE WITH S-400.

CLASS 90 DUCTILE IRON WATER PIPE IS ACCEPTABLE FOR PUBLIC AND PRIVATE LINES. EXISTING MANUFACTURER'S PRESSURE RATING IS CONSISTENT WITH TEST AND SERVICE PRESSURES ANTICIPATED FOR THE APPLICABLE PIPE RUNS, AND SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT. THE CONTRACTOR SHALL COMPLY WITH THE STATE OF MISSISSIPPI'S STANDARDS AND SPECIFICATIONS PERTAINING THERETO.

THE PURPOSE OF THESE PLANS IS TO REVERSE PHASE II OF THE PROJECT, THESE REVISIONS BEING PERMITTED BY THE DECISION TO DEMOLISH THE LAMSON CENTER, WHICH ALLOWED GREATER FLEXIBILITY IN THE ARRANGEMENT AND ORIENTATION OF NEW ATHLETIC FIELDS AND FACILITIES. ALSO INCLUDED IN THESE PLANS IS THE COMPLETE CONSTRUCTION OF THE NEW RUNNING TRACK AND ATHLETIC STADIUM, TRACK & FIELD EVENT VENUES, AND A NEW FIELD HOUSE AND PARKING EXPANSION.

THE CONTRACTORS SHALL COORDINATE CLOSELY WITH THE CONSTRUCTION MANAGER TO INSURE THAT HE/SHE HAS A FULL UNDERSTANDING OF THE SCOPE OF WORK TO BE PERFORMED BY INDIVIDUAL TRADES, BOTH FOR CHANGES TO PHASE II AND FOR THE NEW STADIUM PORTION OF THE PROJECT.

The map illustrates the proposed site location in Roanoke, Virginia. The site is situated near the intersection of Farm Road and Highway 581. Key roads shown include Peters Creek Rd, Cole Rd, Hershey Rd, Tanglefoot Ave, Valley View Blvd, Aviation Dr, and Williamson Rd. Landmarks such as Roanoke Regional Airport, Valley View Mall, and a proposed site are marked. The map also indicates the location of the proposed site relative to the airport and other roads.

OF WAY EXCAVATION PERMIT: PRIOR TO THE COMMENCEMENT OF ANY
TION, OR CONSTRUCTION WITHIN THE PUBLIC RIGHT-OF-WAY (STREETS/ST
EASEMENTS) A RIGHT OF WAY EXCAVATION PERMIT SHALL BE APPLIED
D BY THE CONTRACTOR FROM THE CITY OF ROANOKE.

LAND AND DESIGN PERMITS. AN APPROVED EROSION AND SEDIMENT CONTROL PLAN FOR ANY DITCH OR TILL SITE ASSOCIATED WITH THE PROJECT MUST BE SUBMITTED PRIOR TO ISSUANCE OF A LAND DISTURBING PERMIT.

PLANS AND PERMITS. A COPY OF THE PLANS AS APPROVED BY THE CITY ISSUED BY THE PROPER CITY OFFICIALS AND ALL PERMITS ISSUED BY THE CITY SHALL BE AVAILABLE AT THE CONSTRUCTION SITE AT ALL TIMES OF ONGOING CONSTRUCTION.

LOCATION OF UTILITIES. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION.

CONSTRUCTION ENTRANCE. THE CONTRACTOR SHALL INSTALL AN ADEQUATE CONSTRUCTION ENTRANCE TO THE PROJECT SITE. THE ENTRANCE SHALL BE THE SAME SIZE AND COMPOSITION OF THE CONSTRUCTION ENTRANCE SHALL BE AS SHOWN WITHIN THESE PLANS.

STREETS TO REMAIN CLEAN. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT THE PUBLIC STREET ADJACENT TO THE CONSTRUCTION ENTRANCE REMAINS FREE OF MUD, DIRT, DUST, AND/OR ANY TYPE OF CONSTRUCTION MATERIALS OR LITTER AT ALL TIMES.

BARRICADED DITCHES. THE CONTRACTOR SHALL MAINTAIN THE INTEGRITY OF ALL EXCAVATED DITCHES AND SHALL FURNISH AND ENSURE THAT ALL BARRICADES PROPER AND NECESSARY FOR THE SAFETY OF THE PUBLIC ARE IN PLACE.

SEWER AND SEWAGE REPLACEMENT. CONSTRUCTION OF SANITARY SEWERS AND THE REPLACEMENT OF SEWAGE MAINS SHALL BE IN ACCORDANCE WITH APPROVED STANDARDS AND REGULATIONS OF THE CITY OF ROCKFORD AND THE WESTERN VIRGINIA WATER AUTHORITY.

APPROVED PLANS / CONSTRUCTION CHANGES. ANY CHANGE OR VARIATION FROM THE APPROVED PLANS SHALL BE APPROVED BY THE CITY OF ROCKFORD PRIOR TO CONSTRUCTION. ANY CHANGES OR VARIATION IN CONSTRUCTION BEING MADE.

FINAL ACCEPTANCE CITY. THE OWNER OR DEVELOPER SHALL NOTIFY THE CITY OF ROCKFORD DEPARTMENT OF PLANNING, BUILDING, AND DEVELOPMENT WITH A FINAL CORRECT SET OF AS-BUILT PLANS PRIOR TO FINAL ACCEPTANCE BY THE CITY.

NOTICE: ALL LANDOWNERS, DEVELOPERS, AND CONTRACTORS FAILURE TO COMPLY WITH THE CONSTRUCTION PROCEDURE REQUIREMENTS LISTED ABOVE MAY RESULT IN THE COSTLY REMOVAL OF STRUCTURES, TIME DELAYS, OR THE ISSUANCE OF A STOP WORK ORDER.

ALL WORK WITHIN THE RIGHT OF WAY OF FERNCLIFF AVENUE, NW SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE CITY OF ROANOKE DEPT. OF PUBLIC WORKS.

DEMOLITION SHALL INCLUDE, UNLESS OTHERWISE NOTED ON DRAWINGS, REMOVAL OF EXISTING STRUCTS OR IMPROVEMENTS, WHETHER INDICATED ON THE DRAWINGS OR NOT, THAT WOULD IN THE OPINION OF THE OWNER PRESENT OR INTERFERE WITH THE PROGRESS OF COMPLETION OF THE PROJECT HEREON.

PENALTIES, FEES, AND DAMAGES SHALL BE SECURED AND PAID FOR BY THE CONTRACTOR, INCLUDING DISPOSAL CHARGES AS REQUIRED.

WORK SHALL COMPLY WITH THE REQUIREMENTS OF THE GOVERNING AUTHORITIES IN DEMOLITION OF EXISTING PAVEMENT, CURBS AND GUTTERS, DRAINAGE STRUCTURES, AND UTILITIES AS MAY BE REQUIRED.

CONTRACTOR SHALL SAW-CUT ALL JOINTS WHERE EXISTING CURBING, PAVEMENT AND SIDEWALK IS TO BE DEMOLISHED, AND NEW CONSTRUCTION JOINS THE EXISTING, ALL EXISTING CURBING, CONCRETE SIDEWALK, ENTRANCES, BUILDING FOUNDATIONS AND WALLS, AND PILES THAT ARE DEMOLISHED SHALL BE REMOVED FROM THE SITE AND NOT BE USED AS FILL MATERIAL ON THE SITE.

UNLESS OTHERWISE DIRECTED IN WRITING BY THE PROJECT MANAGER OR OWNER, ALL WORK SHALL BE COMPLETED BY THE CONTRACTOR UNDER THE CLOSE SUPERVISORY EYE OF AN EXPERIENCED, TRAINED AND LICENSED OPERATOR, WHO WILL BE RESPONSIBLE FOR THE PROPER HANDLING OF ALL DEBRIS AND MATERIALS TO BE REMOVED FROM THE PROJECT MANUAL.

ALL EXISTING UTILITY LINES THAT ARE TAKEN OUT OF SERVICE MUST BE PROTECTED BY AN INERT GAS. THE INERT GAS MUST BE PUMPED TO THE SURFACE OF THE TRENCH AND THE TRENCH MUST BE COVERED WITH A MINIMUM OF 18 INCHES OF INERT GROUND SURROUNDS. WHEN GRAVITY PIPE UTILITIES ARE SHOWN TO BE ABANDONED, WITH THE LOWER PORTION (MANHOLE) TO REMAIN, THE CONTRACTOR SHALL REMOVE A MINIMUM OF TWO JOINTS OF THE INFLOW PIPE AND PLUG AND SEAL. THE REMAINING PIPES SHALL BE ABANDONED. THE RETURN PIPE SHALL BE TIED WITH FLOWABLE FILL FROM THE UPPER-MOST PORTION TO BE ABANDONED. THE OPENING IN THE LOWER PORTION SHALL BE SEALED WITH BRICKS AND MORTAR, PROVIDING A WATER-TIGHT PLUG. INSTALL NON-SKID GRATE AS REQUIRED TO PROVIDE THIS SEAL.

CONTRACTOR SHALL PROVIDE THE FOLLOWING PROTECTIONS AT THE JOB SITE:

MAKE ARRANGEMENTS, BEFORE ANYTHING DEMOLITION, FOR RELOCATING, DISCONTINUING, REPAIRING, ABANDONING, OR SIMILAR ACTION AS MAY BE REQUIRED BY THE AGENCIES. THE AGENCIES MAY REQUIRE THAT YOU PERFORM CERTAIN WORK TO PROCEED WITHOUT DELAY. ARRANGEMENTS MUST BE MADE IN ACCORDANCE WITH REGULATIONS OR AUTHORITIES OF UTILITIES MENTIONED, SUCH AS OREGON UTILITIES BOARD, AND/OR OTHER AGENCIES. THESE INCLUDE LINES AND EQUIPMENT, UNDERGROUND POWER, AND TELECOMMUNICATIONS LINES, AND EQUIPMENT, GAS PIPING, STORM SEWERS, SANITARY SEWERS, OR HAZARDOUS OR OBSTACULABLE CONDITIONS SUCH AS ICE, FLOODING AND/OR POLLUTION.

ENSURE SAFE PASSAGE OF PERSONS AROUND ALL AREAS OF DEMOLITION. CONDUCT OPERATIONS TO PREVENT DAMAGE TO ADJACENT BUILDINGS, STRUCTURES, OTHER FACILITIES, OR ADJUTS TO PERSONS.

PROPERTY REPAIR DAMAGES CAUSED TO ADJACENT FACILITIES ARE DEMOLITION OPERATIONS AT NO COST TO THE OWNER.

MAINTAIN EXISTING UTILITIES UNOCCUPIED TO REMAIN, KEEP IN SERVICE, AND PROTECT AGAINST DAMAGES DURING DEMOLITION OPERATIONS. PREVENT INTERRUPTED SERVICE TO ADJACENT UTILITIES. PREVENT DAMAGE TO ADJACENT UTILITIES AUTHORIZED IN WRITINGS BY AUTHORITIES HAVING JURISDICTION. PROVIDE ADEQUATE PROTECTIVE MEASURES DURING INTERFERENCES TO EXISTING UTILITIES AS USE WATER SPRINKLING AND OTHER SPECIAL METHODS TO LIMIT DUST AND DIRT RISING AND SCATTERING IN AND TO CLOSEST PRACTICAL, SAFE, AND PROTECTIVE, WITH GOVERNING REGULATIONS PERTAINING TO ENVIRONMENTAL PROTECTION.

FILE

CIVIL NOTES AND LEGEND

COMPOSITE SITE MAP AND CONSTRUCTION LIMITS

→ C-142	SITE UTILITIES PLAN
C-300	PROFILES - NEW STORM DRAIN
C-301	PROFILES - NEW SANITARY SEWER
C-400	DETAILS - SOIL EROSION AND SEDIMENT CONTROL
C-401	DETAILS - SITE CONSTRUCTION
C-402	DETAILS - STADIUM SECTIONS AND FIELD SUB-P
C-403	DETAILS - TRACK AND FIELD VENUES
C-404	DETAILS - WATERLINE CONSTRUCTION
C-405	DETAILS - SANITARY SEWER CONSTRUCTION
→ LC1	SITE PLAN - PHOTOMETRICS
LC2	SITE PLAN - PHOTOMETRICS
LC3	FIELD LIGHTING PHOTOMETRICS
→ L-1	SOUTH FIELDS TREE PLAN
L-2	NORTH FIELDS TREE PLAN
L-3	FIELD HOUSE AND TENNIS COURTS PLAN
L-4	STADIUM ENTRANCE PLAN

LEGEND

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LOCATION 3649 FERNCLIFF AVENUE, N.W. CITY OF ROANOKE, VIRGINIA	ZONING CURRENT PROPERTY ZONING: "INPUD" (REF: ORDINANCE NO. 38-198--061509)
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ATTN: MS. DEBBIE DANIEL - CONSTRUCTION SUPERVISOR (540) 777-0514

CITY OF ROANOKE APPROVAL BLOCK

Development Reviewer George Vassilakis Date 4-12-10

1382 Peachtree St. NE
Atlanta, GA 30309
t 404.873.2300
f 404.892.5822
www.perkinswill.com

in association with
Caldwell White Associates
Civil Consultants
4203 Metrose Ave
Roanoke, Virginia 240
540-366-3400 (p) 540-366-8702

MAR 26 2010
City of Roanoke
Planning Building and Development

STADIUM
CONSTRUCTION

Field Revision # _____
C-000