



### GRADING DEMOLITION SAFETY NOTES

THE CONTRACTOR SHALL PROVIDE AT LEAST THE FOLLOWING PROTECTIONS AT THE JOB SITE:

MAKE ARRANGEMENTS, BEFORE INITIATING DEMOLITION, FOR RELOCATING, ABANDONING, OR SIMILAR ACTION AS MAY BE REQUIRED RELATIVE TO UTILITIES TO PERMIT WORK TO PROCEED WITHOUT DELAY. ARRANGEMENTS SHALL BE MADE IN ACCORDANCE WITH REGULATIONS OF AUTHORITIES OF UTILITIES MENTIONED, SUCH AS OVERHEAD AND UNDERGROUND ELECTRIC, TELEPHONE, FIBER OPTICS, ETC. THE CONTRACTOR SHALL NOT USE WATER WHEN IT MAY CREATE HAZARDOUS OR OBJECTIONABLE 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 INJURY TO PERSONS.

PROMPTLY REPAIR DAMAGES CAUSED TO ADJACENT FACILITIES BY DEMOLITION OPERATIONS AT NO COSTS TO THE OWNER(S).

MAINTAIN EXISTING UTILITIES INDICATED TO REMAIN, KEEP IN SERVICE, AND PROTECT AGAINST DAMAGE DURING DEMOLITION OPERATIONS, PREVENT INTERRUPTION OF SERVICES. PROVIDE TEMPORARY SERVICES DURING INTERRUPTIONS TO EXISTING UTILITIES AS ACCEPTABLE TO GOVERNING AUTHORITIES.

USE WATER SPRINKLING AND OTHER SUITABLE METHODS TO LIMIT DUST AND DIRT POLLUTION TO THE LOWEST PRACTICAL LEVEL.

COMPLY WITH GOVERNING REGULATIONS PERTAINING TO ENVIRONMENTAL PROTECTION.

CLEAN ADJACENT STRUCTURES AND IMPROVEMENTS OF DUST, DIRT, AND DEBRIS CAUSED BY DEMOLITION OPERATIONS. RETURN ADJACENT AREAS TO EXISTING CONDITIONS PRIOR TO THE START OF WORK.

UNLESS OTHERWISE NOTED ON THE PLANS, DEMOLITION SHALL INCLUDE REMOVAL OF EXISTING OBJECTS, WHETHER INDICATED ON THE PLANS OR NOT, THAT WOULD, IN THE OPINION OF THE OWNER, PREVENT OR INTERFERE WITH THE PROGRESS OR COMPLETION OF THE PROPOSED WORK. NO DEMOLISHED MATERIALS SHALL BE BURIED ON SITE.

PERMITS, FEES, AND LICENSES 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. THE CONTRACTOR SHALL CONTACT "MISS UTILITY" TO MARK ANY UNDERGROUND LINES PRIOR TO DEMOLITION AND GRADING.

THE CONTRACTOR SHALL REMOVE EXISTING TOPSOIL FROM EXISTING GRASSED AREAS AND STOCKPILE WITHIN THE SITE. RELOCATION OF THE STOCKPILE SHALL BE ANTICIPATED TO COMPLETE GRADING.

THE CONTRACTOR SHALL PROTECT EXISTING EDGES OF PAVEMENT ALONG ALL ROADS.

THE CONTRACTOR SHALL PROTECT EXISTING TRAFFIC SIGNS, UNDERGROUND UTILITY LINES, AND EXISTING DRAINAGE PIPES.

THE CONTRACTOR SHALL REMOVE EXISTING HOUSES AS NOTED ON THE ARCHITECTURAL PLANS, INCLUDING FOUNDATIONS, PATIOS, AND UTILITY LINES (I.E. ELECTRIC, AND TELEPHONE). FOUNDATIONS AND CONCRETE SLABS ON GRADE SHALL BE REMOVED TO A MINIMUM DEPTH OF TWO FEET BELOW PROPOSED SUBGRADE. THE CONTRACTOR SHALL COMPLETELY FILL BELOW GRADE AREAS AND VOIDS FROM DEMOLITION OR REMOVAL OF STRUCTURES USING APPROVED SELECT FILL MATERIAL. ALL DEMOLITION ITEMS SHALL BE REMOVED OFF SITE AND DISPOSED OF BY THE CONTRACTOR. BUILDING DEBRIS, TREES AND BRUSH, CONCRETE SLABS, ETC. SHALL NOT BE USED FOR FILL MATERIAL ON THE SITE.

THE CONTRACTOR SHALL REMOVE, HAUL OFF-SITE, AND DISPOSE OF EXISTING PAVEMENT, WALKWAYS, AND CURBING AS INDICATED ON THE PLANS. THE CONTRACTOR SHALL PROVIDE NEAR VERTICAL SAW CUTS IN AREAS OF PAVEMENT AND CURB REMOVAL, AND IN AREAS WHERE PROPOSED PAVEMENT JOINS EXISTING.

WHILE CERTAIN UTILITIES ARE SHOWN, OTHER UNDERGROUND UTILITIES MAY BE ENCOUNTERED DURING DEMOLITION. T. P. PARKER & SON DOES NOT WARRANT LOCATION OR DEPTH OF ANY UTILITIES SHOWN. THE CONTRACTOR SHALL COORDINATE WITH ALL UTILITY DEPARTMENTS TO DETERMINE IF THE ENCOUNTERED UTILITY IS PRIVATE OR PUBLIC AND TAKE PROPER AND ADEQUATE METHODS TO PROTECT, IF NECESSARY.

### GRADING, BACKFILL, AND CONSTRUCTION OF PRIVATE ROADWAYS

THE CONTRACTOR SHALL GRADE THE PROPOSED DRIVEWAYS AND PARKING AREAS TO SUBGRADE AND PROVIDE ADEQUATE COMPACTION METHODS TO OBTAIN 95% OF STANDARD MAXIMUM COMPACTION.

ALL MATERIALS USED TO CONSTRUCT THE DRIVEWAYS AND PARKING AREAS TO CURRENT VDOT AND CITY OF ROANOKE STANDARDS.

THE CONTRACTOR SHALL CONSTRUCT THE RETAINING WALL NEAR THE INTERSECTION OF 6TH STREET AND LOUDON AVENUE PRIOR TO COMPLETING THE COMPACTION EFFORTS OF THE PARKING AREA ADJACENT TO THE PROPOSED WALL. THE CONTRACTOR MAY BE REQUIRED TO SUBMIT A FOUNDATION DESIGN FOR THE PROPOSED WALL PRIOR TO CONSTRUCTION OF THE WALL.

ALL UNSUITABLE MATERIALS SHALL BE HAULED OFF-SITE.

### EROSION AND SEDIMENT CONTROL MEASURES:

- (CE) PROVIDE STONE CONSTRUCTION ENTRANCE MEETING VESCH STD. & SPEC. 3.02
- (SF) PROVIDE SILT FENCE MEETING VESCH STD. & SPEC. 3.05
- (IP B&G) PROVIDE STORM DRAIN INLET (BLOCK & GRAVEL) PROTECTION MEETING VESCH STD. & SPEC. 3.07
- (IP SF) PROVIDE STORM DRAIN INLET (SILT FENCE) PROTECTION MEETING VESCH STD. & SPEC. 3.07
- (IP ETB) PROVIDE STORM DRAIN INLET (EXCAVATED INLET TRAP) PROTECTION MEETING VESCH STD. & SPEC. 3.07
- (DD) PROVIDE TEMPORARY DIVERSION DIKE MEETING VESCH STD. & SPEC. 3.09
- (PS) PROVIDE PERMANENT SEEDING MEETING VESCH STD. & SPEC. 3.32

SEE ADJACENT "GRADING & EROSION CONTROL" SHEET FOR CALCULATION OF EACH EXCAVATED INLET

SEED ALL DENUDE AREAS NOT TO BE PAVED WITHIN SEVEN (7) DAYS OF FINAL GRADE. TEMPORARY SEEDING MAY BE REQUIRED, DEPENDENT UPON PHASING.

### BENCHMARKS:

B.M.#2 - ARROWHEAD TOP FIRE HYDRANT ON NORTHWEST CORNER OF LOUDON AVENUE AND 6TH STREET ELEVATION = 935.63 (NGVD 29)

B.M.#3 - ARROWHEAD TOP FIRE HYDRANT ON SOUTHEAST CORNER OF CENTRE AVENUE AND 6TH STREET ELEVATION = 939.35 (NGVD 29)

B.M.#4 - ARROWHEAD TOP FIRE HYDRANT 30'± SOUTHWEST OF CENTERLINE PI OF 5TH STREET AND MOORMAN ROAD ELEVATION = 936.73 (NGVD 29)

DESIGNED BY P.J. BROWN  
DRAWN BY PJB  
CHECKED BY PJB  
W.O. # 06-0021-02  
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PARK STREET SQUARE  
GRADING & EROSION CONTROL - 6TH STREET  
ROANOKE, VIRGINIA

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