



## SITE DEMOLITION NOTES

DEMOLITION SHALL INCLUDE, UNLESS OTHERWISE NOTED ON DRAWINGS, REMOVAL OF EXISTING OBJECTS OR IMPROVEMENTS, WHETHER INDICATED ON THE DRAWINGS OR NOT, THAT WOULD IN THE OPINION OF THE OWNER, PREVENT OR INTERFERE WITH THE PROGRESS OR COMPLETION OF THE PROPOSED WORK.

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.

ALL EXISTING UTILITIES TO ANY BUILDINGS SHOWN TO BE RAZED SHALL BE DISCONNECTED AND PLUGGED OR CAPPED AS REQUIRED BY THE UTILITY OWNER.

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 TREES AND BRUSH THAT ARE DEMOLISHED SHALL BE REMOVED FROM THE SITE AND DISPOSED OF BY THE CONTRACTOR. DEMOLITION DEBRIS, ETC. SHALL NOT BE USED AS FILL MATERIAL ON THE SITE.

PRIOR TO REMOVAL OF ANY TREES, THE CONTRACTOR IS REQUIRED TO SUBMIT A WRITTEN REQUEST AND SKETCH TO THE COUNTY OF ROANOKE, P.O. BOX 29800, ROANOKE, VA 24018-079, ATTENTION MS. ANNE MARIE GREEN, PURSUANT TO THE PUBLIC TREE ORDINANCE.

CONTRACTOR SHALL PROVIDE THE FOLLOWING PROTECTIONS AT THE JOB SITE:

MAKE ARRANGEMENTS, BEFORE INITIATING DEMOLITION, FOR RELOCATING, DISCONNECTION, REROUTING, ABANDONING, OR SIMILAR ACTION AS MAY BE REQUIRED RELATIVE TO UTILITIES AND OTHER UNDERGROUND PIPING, 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 POWER AND TELEPHONE LINES AND EQUIPMENT, GAS PIPING, STORM SEWERS, SANITARY SEWERS, OR WATER PIPING. 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 COST TO THE OWNER.

MAINTAIN EXISTING UTILITIES INDICATED TO REMAIN, KEEP IN SERVICE, AND PROTECT AGAINST DAMAGE DURING DEMOLITION OPERATIONS. PREVENT INTERRUPTION OF EXISTING UTILITIES SERVING OCCUPIED OR USED FACILITIES, EXCEPT WHEN AUTHORIZED IN WRITING BY AUTHORITIES HAVING JURISDICTION. 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 RISING AND SCATTERING IN AIR TO 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 CONDITIONS EXISTING PRIOR TO THE START OF WORK.

## SEWER NOTES

A MINIMUM COVER OF THREE (3) FEET IS REQUIRED OVER PROPOSED LINES. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND UNCOVERING ALL MANHOLES AFTER PAVING. MANHOLE TOPS SHALL BE ADJUSTED TO 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 REGULATIONS, SECTION 12.05.03, WHERE LINES CROSS.

LINES SHALL BE STAKED PRIOR TO CONSTRUCTION.

## PHASING NOTES

THE FOLLOWING NOTES SPECIFY THE GENERAL AMOUNT OF WORK TO BE PERFORMED DURING PHASE I (SITEWORK) AND PHASE II (BUILDING CONTRACT). THE BIDDERS ARE TO SEE PLANS AND SPECIFICATIONS FOR THE EXACT SCOPE OF WORK FOR EACH CONTRACT.

PHASE I CONSTRUCTION: THE FIRST PHASE OF CONSTRUCTION IS TO BE PERFORMED DURING THE OFF-SEASON FOR THE PARK, AND IS TO INCLUDE, UNLESS OTHERWISE NOTED:

- INSTALLATION AND MAINTENANCE OF ALL SOIL EROSION CONTROL MEASURES
- ALL DEMOLITION OF EXISTING CURBING AND BITUMINOUS PAVEMENT
- ALL UTILITY AND STORM DRAIN DEMOLITION AND RELOCATIONS
- ALL EARTHWORK OPERATIONS (BUILDING PAD AND SURROUNDING WALKWAYS TO BE GRADED ONLY TO SHED WATER TO THE STORM DRAIN SYSTEM, IN SHEET FLOW)
- INSTALLATION OF ALL NEW STORM DRAIN STRUCTURES, PIPES, AND CULVERTS
- ALL NEW UTILITY LATERALS CONSTRUCTED TO WITHIN FIVE FEET OF THE EXTERIOR FACE OF THE NEW BUILDING (PLUG AND CAP FOR FUTURE CONNECTION)
- CONSTRUCTION OF ALL NEW FULL-DEPTH BITUMINOUS PAVING, AND CONSTRUCTION OF NEW CONCRETE CURBING, EXCLUDING PORTIONS INDICATED FOR PHASE II CONSTRUCTION
- PLACEMENT OF BITUMINOUS OVERLAY ON THE MAIN PARKING LOT, EXCEPT THE STRIP OF PARKING IMMEDIATELY NORTHEAST OF THE NEW BUILDING
- STRIPING OF THE MAIN PARKING LOT, EXCEPT THE STRIP OF PARKING IMMEDIATELY NORTHEAST OF THE NEW BUILDING. (CONTRACTOR SHALL COORDINATE WITH THE OWNER FOR PROVIDING THREE (3) TEMPORARY "HANDICAP ONLY" PARKING SPACES UNTIL THE PERMANENT HANDICAP SPACES ARE OVERLAID AND STRIPED UNDER PHASE II CONSTRUCTION.)

- CONSTRUCTION OF NEW BITUMINOUS OR PORTLAND CEMENT CONCRETE STEPS AND WALKWAYS, EXCEPT THOSE CONNECTING TO THE NEW BUILDING OR TYING INTO EXISTING IMMEDIATELY SOUTH OF THE TAUBMAN WELCOME CENTER
- RESTORATION OF ALL DISTURBED AREAS

PHASE II CONSTRUCTION: THE SECOND PHASE OF CONSTRUCTION WILL BE PERFORMED DURING THE PRIME SEASON FOR THE PARK. AS SUCH, THE CONTRACTOR WILL BE REQUIRED TO COORDINATE CLOSELY WITH PARK REPRESENTATIVES FOR MATTERS SUCH AS STAGING AREAS, WORKER'S PARKING AREAS, INSTALLATION AND MAINTENANCE OF SAFETY MEASURES, TRAFFIC CONTROL, ETC. THE GENERAL CONTRACTOR WILL BE HELD RESPONSIBLE FOR THE ACTIONS OF ALL WORKERS, SUB-CONTRACTORS, AND THEIR AGENTS. IT IS IMPERATIVE THAT THE SAFETY AND WELL-BEING OF PARK VISITORS AND EMPLOYEES ARE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD. THE ITEMS TO BE CONSTRUCTED DURING PHASE II, UNLESS OTHERWISE NOTED, ARE:

- ALL WORK ASSOCIATED WITH THE CONSTRUCTION OF THE NEW BUILDING (SEE ARCHITECTURAL PLANS BY LARRY W. DEGEN, AIA)
- INSTALLATION OF NEW ROOF DRAIN COLLECTOR PIPING
- CONSTRUCTION OF BITUMINOUS AND PORTLAND CEMENT CONCRETE WALKWAYS NOT CONSTRUCTED UNDER PHASE I CONTRACT
- CONSTRUCTION OF NEW CONCRETE CURBING FROM THE TAUBMAN CENTER TO THE ACCESS DRIVE (SEE PLAN SHEET C-4)
- PLACEMENT OF BITUMINOUS OVERLAY ON THE STRIP OF PARKING IMMEDIATELY NORTHEAST OF THE NEW BUILDING
- STRIPING OF THE STRIP OF PARKING IMMEDIATELY NORTHEAST OF THE NEW BUILDING
- COLOR COATING OF ALL NEW BITUMINOUS WALKWAYS TO MATCH EXISTING (I.E. BROWN-COORDINATE COLOR WITH ARCHITECT)

## WATER NOTES

A MINIMUM COVER OF THREE (3) FEET IS REQUIRED OVER PROPOSED LINES.

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 12.05.03, WHERE LINES CROSS.

LINES SHALL BE STAKED PRIOR TO CONSTRUCTION.

WATER MAIN (GRATER THAN 2" I.D.) SHALL BE MINIMUM CLASS 50 DUCTILE IRON IN ACCORDANCE WITH AWWA C151 OR DR-14 PVC IN ACCORDANCE TO C-900.

WATER SERVICE LINES (2" I.D. AND SMALLER) SHALL BE TYPE "K" COPPER, OR ENGINEER APPROVED EQUAL.

## GENERAL NOTES

ALL CONSTRUCTION METHODS AND MATERIALS SHALL CONFORM TO THE CONSTRUCTION STANDARDS AND SPECIFICATIONS OF ROANOKE COUNTY AND/OR THE VIRGINIA DEPARTMENT OF TRANSPORTATION.

THE CONTRACTOR OR DEVELOPER IS REQUIRED TO NOTIFY THE ENGINEERING DIVISION IN WRITING AT LEAST THREE (3) DAYS PRIOR TO ANY CONSTRUCTION, INCLUDING BUT NOT LIMITED TO THE FOLLOWING:

- INSTALLATION OF APPROVED EROSION CONTROL DEVICES.
- CLEARING AND GRUBBING.
- SUBGRADE EXCAVATION.
- INSTALLING STORM SEWERS OR CULVERTS.
- INSTALLING WATER LINES.

A PRECONSTRUCTION CONFERENCE SHALL BE SCHEDULED WITH THE COUNTY OF ROANOKE ENGINEERING DIVISION, TO BE HELD AT LEAST ONE DAY PRIOR TO ANY CONSTRUCTION.

FIELD REVISIONS SHALL BE APPROVED BY THE COUNTY OF ROANOKE ENGINEERING DIVISION PRIOR TO SUCH CONSTRUCTION.

AN APPROVED SET OF PLANS AND ALL PERMITS MUST BE AVAILABLE AT THE CONSTRUCTION SITE.

ALL WORK SHALL BE SUBJECT TO INSPECTION BY COUNTY OF ROANOKE INSPECTORS.

FIELD CONSTRUCTION SHALL HONOR PROPOSED DRAINAGE DIVIDES AS SHOWN ON PLANS.

PAVEMENT SECTIONS ON APPROVED PLANS ARE BASED ON A MINIMUM CBR OF 10. CBR TESTS ARE TO BE ACQUIRED BY THE OWNER AND SUBMITTED TO THE ENGINEER PRIOR TO PLACEMENT OF BASE MATERIAL. CBR VALUES LESS THAN 10 WILL REQUIRE REVISED PAVEMENT SECTIONS.

CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AT THE JOB SITE.

CONSTRUCTION DEBRIS SHALL BE CONTAINED IN ACCORDANCE WITH THE VIRGINIA LITTER CONTROL ACT. NO LESS THAN ONE LITTER RECEPTACLE SHALL BE PROVIDED ON-SITE.

LOCATION OF UNDERGROUND UTILITIES IS BASED ON FIELD SURVEYS, AS SHOWN BY AVAILABLE RECORDS, AND AS LOCATED BY THE UTILITY LOCATOR SERVICE. CONTRACTOR SHALL VERIFY LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.

GRADE STAKES SHALL BE SET FOR ALL CURBING, STORM DRAIN, SANITARY SEWER, AND STORM CULVERTS.

THE DEVELOPER AND/OR CONTRACTOR SHALL SUPPLY ALL UTILITY COMPANIES WITH COPIES OF APPROVED PLANS, ADVISING THEN THAT ALL GRADING AND INSTALLATION SHALL CONFORM TO APPROVED PLANS.

CONTRACTORS SHALL NOTIFY UTILITIES OF PROPOSED CONSTRUCTION AT LEAST TWO, BUT NOT MORE THAN TEN WORKING DAYS IN ADVANCE. AREA PUBLIC UTILITIES MAY BE NOTIFIED THROUGH MISS UTILITY AT (800) 552-7001.

ALL NECESSARY UTILITY LATERALS WILL BE PLACED PRIOR TO PAVEMENT SURFACING, OR CONDUIT PROVISIONS BE MADE FOR THE SAME (I.E. WATER, SEWER, GAS AND TELEPHONE.)

CARE MUST BE TAKEN DURING CONSTRUCTION TO PREVENT EROSION, DUST, AND MUD FROM DAMAGING ADJACENT PROPERTY, CLOGGING DITCHES, TRACKING PUBLIC STREETS, AND OTHERWISE CREATING A PUBLIC OR PRIVATE NUISANCE TO SURROUNDING AREAS.

THE ENTIRE CONSTRUCTION AREA BACK OF CURBS, AND/OR PAVEMENT IS TO BE BACK-FILLED AND SEEDED TOGETHER WITH DITCHES AND CHANNELS, AT THE EARLIEST POSSIBLE TIME FOLLOWING FINAL GRADING.

IF EROSION IS ENCOUNTERED IN ANY DRAINAGE EASEMENT, IT WILL BE THE RESPONSIBILITY OF THE DEVELOPER TO SOD, RIP-RAP, GROUT, PAVE, OR TO DO WHATEVER IS NECESSARY TO CORRECT THE PROBLEM.

ALL STORM DRAIN CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE VIRGINIA DEPARTMENT OF TRANSPORTATION STANDARDS AND SPECIFICATIONS.

THE SITE WORK AND LANDSCAPING CONTRACTOR(S) SHALL COMPLY WITH LOCAL CODES IN OBSERVING EROSION CONTROL MEASURES, BOTH ON AND OFF THE SITE. REFER TO THE VIRGINIA UNIFORM CODING SYSTEM CONTAINED IN THE VIRGINIA SOIL EROSION AND SEDIMENT CONTROL HANDBOOK, LATEST EDITION, FOR DETAILS AND SPECIFICATIONS OF EROSION CONTROL ITEMS SHOWN ON THESE PLANS.

MEASURES TO CONTROL EROSION AND SILTATION MUST BE PROVIDED FOR PRIOR TO PLAN APPROVAL. PLAN APPROVAL IN NO WAY RELIEVES THE DEVELOPER OR CONTRACTOR OF THE RESPONSIBILITIES CONTAINED IN EROSION AND SILTATION CONTROL POLICIES.

THE CONTRACTOR SHALL PROVIDE ADEQUATE MEANS OF CLEANING MUD FROM TRUCKS AND/OR OTHER EQUIPMENT PRIOR TO ENTERING PUBLIC STREETS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSURE THAT THE STREETS ARE IN A CLEAN, MUD AND DUST FREE CONDITION AT ALL TIMES.

## ENGINEER'S NOTES

CALDWELL WHITE ASSOCIATES ASSUMES NO RESPONSIBILITY FOR ADEQUACY OF PLANS OR FOR INFORMATION ON PLANS UNTIL SUCH PLANS HAVE BEEN APPROVED BY THE REQUIRED PUBLIC AGENCIES.

ANY WORK COMMENCED ON A PROJECT PRIOR TO PLAN APPROVAL IS AT SOLE RISK OF THE DEVELOPER.

CALDWELL WHITE ASSOCIATES DOES NOT GUARANTEE THE COMPLETION OR QUALITY OF PERFORMANCE OF THE CONTRACTS BY CONTRACTORS OR OTHER THIRD PARTIES.

SOURCE OF TOPOGRAPHIC MAPPING IS FIELD SURVEY BY CALDWELL WHITE ASSOCIATES DATED 1999.

| REVISIONS            |       |      |                              |     |
|----------------------|-------|------|------------------------------|-----|
| Designed: C.L. White | No.   | Date | Remarks                      | By  |
| Drawn: C.L. White    | 11-08 | 1999 | PER COUNTY OF ROANOKE REVIEW | CLW |
| Date: Oct. 12, 1999  |       |      |                              |     |
| W.O. # 99-0040       |       |      |                              |     |
| N.B. # WES-1         |       |      |                              |     |

## SHEET INDEX

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## LEGEND

| ABBREVIATIONS |                                | SYMBOLS        |           |
|---------------|--------------------------------|----------------|-----------|
| A/HF          | ARROW HEAD TOP OF FIRE HYDRANT | EXISTING 100.5 | NEW 100.5 |
| APPROX        | APPROXIMATE                    | 100.5          | 100.5     |
| ASPH          | ASPHALT                        | 8"SS           | 8"SS      |
| BC            | BOTTOM OF CURB                 | 4"W            | 4"W       |
| BIT           | BITUMINOUS                     | 8"SD           | 8"SD      |
| BLDG          | BUILDING                       | 2"G            | 2"G       |
| BLK           | BLACK                          | E              | E         |
| BW            | BENCHMARK                      | T              | T         |
| BW            | BOTTOM OF WALL                 | RECD           | RECD      |
| CB            | CINDER BLOCK                   | RR             | RR        |
| C&G           | CURB & GUTTER                  | RYS            | RYS       |
| CMP           | CORRUGATED METAL PIPE          | SAN            | SAN       |
| CONC          | CONCRETE                       | SBL            | SBL       |
| COR           | CORNER                         | SD             | SD        |
| DBL           | DOUBLE                         | SECT           | SECT      |
| DEFL          | DEFLECTION                     | SE             | SE        |
| DI            | DROP INLET                     | SS             | SS        |
| DIA           | DIAMETER                       | SSE            | SSE       |
| DE            | DRAINAGE EASEMENT              | STA            | STA       |
| EBL           | EAST BOUND LINE                | STD            | STD       |
| ELEV          | ELECTRIC                       | STO            | STO       |
| ENTR          | ENTRANCE                       | SYS            | SYS       |
| EP            | EDGE OF PAVEMENT               | TEB            | TEB       |
| EW            | ENDWALL                        | TEL            | TEL       |
| EXIST         | EXISTING                       | TRANS          | TRANS     |
| FDN           | FOUNDATION                     | TW             | TW        |
| FG            | FINISHED FLOOR                 | TY             | TY        |
| HOPE          | HIGH DENSITY POLYETHYLENE      | VDOT           | VDOT      |
| HPT           | HIGH POINT                     | VERT           | VERT      |
| INV           | INVERT                         | WBL            | WBL       |
| IP            | IRON PIN                       | YD             | YD        |
| LT            | LEFT                           |                |           |
| MBL           | MINIMUM BUILDING LINE          |                |           |
| MH            | MANHOLE                        |                |           |

NAME OF DEVELOPMENT

BLUE RIDGE PARKWAY INTERPRETIVE CENTER

LOCATION

OFF OF RUTROUGH ROAD AND THE BLUE RIDGE PARKWAY  
VINTON MAGISTERIAL DISTRICT  
COUNTY OF ROANOKE, VIRGINIA

OWNER

VIRGINIA'S EXPLORE PARK  
P.O. BOX 8508  
ROANOKE, VIRGINIA 24014  
ATTN: MR. SCOTT SARVER (540) 427-1800

DEVELOPER

COUNTY OF ROANOKE  
DEPARTMENT OF ECONOMIC DEVELOPMENT  
P.O. BOX 29800  
ROANOKE, VIRGINIA 24018-0798  
ATTN: MRS. JOYCE WAUGH (540) 772-2124

TAX MAP #(S) 80.00 BLOCK #(S) 05 PARCEL #(S) 24

