

QUANTITY				
Item	Quantity	Unit	Unit Price	Bondable Cost
MOBILIZATION	1	LS		
CLEARING AND GRUBBING	0	AC		
STONE REMOVAL / REPLACEMENT	350	SY		
GENERAL DEMOLITION / TREE REMOVAL	1	LS		
8-IN. SANITARY SEWER (SDR-35)	545	LF		
4-IN. SAN. SEWER LATERAL (STANDARD)	40	LF		
4-IN. SAN. SEWER LATERAL (HDPE, DIRECT. DRILL)	410	LF		
STANDARD SEWER MANHOLE	2	EA		
SERVICE CLEANOUTS	8	EA		
SAN. SEWER STONE BEDDING	250	TONS		
EROSION CONTROL MEASURES - SEE LAST SHEET	1	LS		
CONSTRUCTION STAKEOUT	1	LS		
AS-BUILT PLANS	1	LS		
SUBTOTAL				
10% CONTINGENCY				
ESTIMATED TOTAL				

ENGINEER'S NOTES

T.P. PARKER & SON 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.

T.P. PARKER & SON DOES NOT GUARANTEE THE COMPLETION OR QUALITY OF PERFORMANCE OF THE CONTRACTS OR THE COMPLETION OR QUALITY OF PERFORMANCE OF CONTRACTS BY SUBCONTRACTORS OR OTHER THIRD PARTIES.

SOURCE OF TOPOGRAPHIC MAPPING IS CURRENT FIELD SURVEYS OF SEPTEMBER 2005. THE BENCHMARKS SHOWN ARE ON A PROJECT DATUM, BASED UPON THE ROANOKE COUNTY AERIAL TOPOGRAPHY CONTOURS. TO CONVERT TO THE FLOOD INSURANCE DATUM (NGVD'29), SUBTRACT 1.0 FEET.

BOUNDARY SURVEY WAS PERFORMED BY T.P. PARKER & SON DATED AUGUST 20, 2004.

SEWER NOTES

THIS PROJECT IS SOLELY FOR THE INSTALLATION OF PUBLIC SANITARY SEWER MAIN & PRIVATE LATERALS.

THE CONTRACTOR SHALL CONTACT THE WESTERN VIRGINIA WATER AUTHORITY (WVWA) AT 853-5700 AT LEAST TWO (2) DAYS PRIOR TO REQUIRING ACTUAL CONNECTIONS.

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.

ALL SANITARY SEWER CONNECTIONS TO EXISTING LINES SHALL BE COORDINATED WITH AND PERFORMED BY THE WVWA.

HOUSE CONNECTIONS ARE TO BE MADE WITH 4" PIPE INSTALLED ON A MINIMUM GRADE OF 1/4 INCH TO 1 FOOT IN THE RIGHT OF WAY.

LATERALS FROM MANHOLES SHALL BE P.V.C. OR DUCTILE IRON OF SUFFICIENT LENGTH TO PROVIDE TWO (2) FEET OF BEARING ON NATURAL GROUND. THE TRANSITION FROM DUCTILE IRON TO CONCRETE PIPE SHALL BE MADE WITH AN ADAPTER COUPLING IN THE RIGHT OF WAY.

ALL TRENCHES IN EXISTING OR FUTURE HIGHWAY RIGHT OF WAYS SHALL BE COMPACTED ACCORDING TO VDOT STANDARDS.

LINES SHALL BE STAKED PRIOR TO CONSTRUCTION.

ALL CONSTRUCTION AND FACILITIES SHALL BE INSTALLED IN ACCORDANCE WITH THE WVWA DESIGN AND CONSTRUCTION STANDARDS AND DETAILS, FIRST EDITION, DATED JULY 2004.

WATER NOTES

NO WATERLINE INSTALLATION IS ANTICIPATED AT THIS TIME.

THE CONTRACTOR SHALL CONTACT THE WESTERN VIRGINIA WATER AUTHORITY (WVWA) AT 853-5700 AT LEAST TWO (2) DAYS PRIOR TO REQUIRING ACTUAL CONNECTIONS.

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

CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND UNCOVERING VALVE VAULTS AFTER PAVING 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 REGULATIONS, SECTION 12.05.03, WHERE LINES CROSS.

ALL TRENCHES IN EXISTING OR FUTURE HIGHWAY RIGHT OF WAYS SHALL BE COMPACTED ACCORDING TO VDOT STANDARDS.

LINES SHALL BE STAKED PRIOR TO CONSTRUCTION.

WATER MAIN SHALL BE MINIMUM CLASS 52 DUCTILE IRON IN ACCORDANCE TO AWWA C151.

APPLICATION FOR UTILITIES TO SERVE DEVELOPMENT REFERENCE WVWA.

ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE WVWA WATER AND SEWER STANDARDS.

VDOT NOTES

THIS PROJECT ANTICIPATES WORK ALONG SUNDANCE ROAD AND CROSSING THE RIGHT OF WAY OF SUNDANCE ROAD. SANITARY SEWER LATERALS SHALL BE INSTALLED ACROSS THE PUBLIC ROAD BY MEANS OF DIRECTIONAL DRILLING.

NO OPEN CUT OF SUNDANCE ROAD IS ANTICIPATED.

THE CONTRACTOR SHALL ANTICIPATE OBTAINING A RIGHT OF WAY PERMIT FOR INSTALLATION OF CLEANOUTS ALONG THE PROPERTY LINES AND ASSOCIATED WORK ON THE SHOULDERS OF SUNDANCE ROAD.

N/A STREETS TO BE GRADED, PAVED, AND ALL STRUCTURAL COMPONENTS ERECTED IN ACCORDANCE WITH THE VIRGINIA DEPARTMENT OF TRANSPORTATION ROAD AND BRIDGE SPECIFICATIONS AND TESTED IN ACCORDANCE WITH STANDARD POLICIES. THE DEVELOPER MUST CONTACT THE OFFICE OF THE RESIDENT ENGINEER PRIOR TO BEGINNING ANY CONSTRUCTION, AT WHICH TIME AN INSPECTION AND TESTING PROCEDURE POLICY WILL BE DRAWN. THE DEVELOPER MAY PRODUCE TEST REPORTS FROM APPROVED INDEPENDENT LABORATORIES OR SOLICIT TESTING BY VDOT. IN EITHER EVENT, IT SHALL BE AT THE DEVELOPER'S EXPENSE.

N/A THE PAVEMENT DESIGNS SHOWN ARE BASED ON A SUBGRADE RATING OF CBR 10 OR GREATER. THE SUBGRADE SOIL IS TO BE TESTED BY AN INDEPENDENT LABORATORY AND THE RESULTS SUBMITTED TO THE VIRGINIA DEPARTMENT OF TRANSPORTATION PRIOR TO PAVEMENT CONSTRUCTION. SHOULD THE SUBGRADE CBR VALUES BE LESS THAN CBR 10, THEN ADDITIONAL BASE MATERIAL SHALL BE REQUIRED.

N/A 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.)

GAS OR PETROLEUM TRANSMISSION LINES WILL NOT BE PERMITTED WITHIN THE PAVEMENT (4' BACK OF CURB TO BACK OF CURB EITHER SIDE) OR THE SHOULDER ELEMENT OF THIS DEVELOPMENT. SERVICE LATERAL CROSSING, AND PIPE LINES LOCATED OUTSIDE THE PAVEMENT, BUT INSIDE THE RIGHT OF WAY WILL BE CONSTRUCTED IN CONFORMITY WITH ASA B-31.8 SPECIFICATIONS AND SAFETY REGULATIONS. DISTRIBUTION LINES WITH PRESSURES LESS THAN 120 LBS. ARE UNAFFECTED BY THE ABOVE.

PERMITS WILL BE REQUIRED FOR ALL UTILITIES WITHIN STREET RIGHT OF WAY PRIOR TO ACCEPTANCE INTO THE SECONDARY HIGHWAY SYSTEM.

N/A STANDARD CG-9D GUTTER WILL BE PROVIDED AT ALL ENTRANCES TO PRIVATE LOTS WHERE STANDARD CG-6 CURB AND GUTTER IS APPROVED FOR USE.

N/A PERMITS WILL BE REQUIRED FOR ALL PRIVATE ENTRANCES CONSTRUCTED ON STREET RIGHT OF WAYS PRIOR TO ACCEPTANCE INTO THE SECONDARY HIGHWAY SYSTEM.

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.

DRAINAGE EASEMENTS MUST BE DEFINED BY EXCAVATED DITCHES OR CHANNELS FOR THEIR FULL LENGTH TO WELL-DEFINED NATURAL WATERCOURSES.

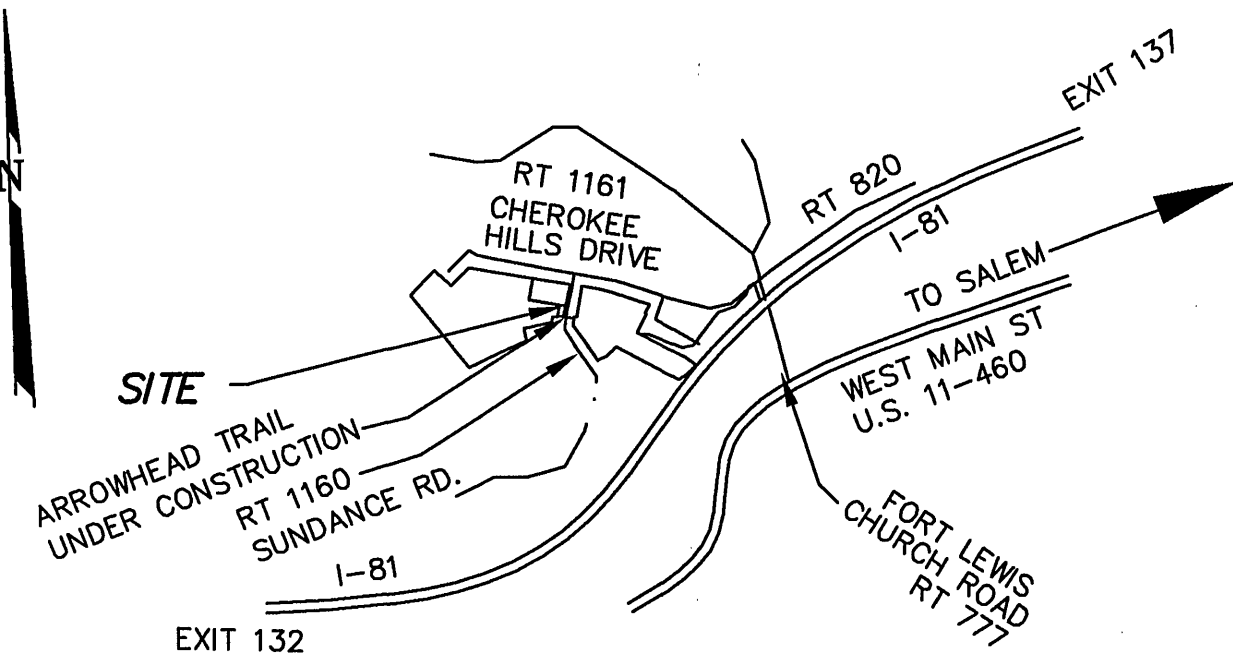
N/A THIS ROAD WILL BE REVIEWED DURING CONSTRUCTION FOR THE NEED AND LIMITS OF PAVED GUTTERS.

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.

N/A MINIMUM PAVEMENT RADIUS 25 FEET REQUIRED AT ALL STREET INTERSECTIONS WHILE THESE PLANS HAVE BEEN APPROVED. SUCH APPROVAL DOES NOT EXEMPT CONNECTIONS WITH EXISTING STATE MAINTAINED ROADS FROM CRITICAL REVIEW AT THE TIME PERMIT APPLICATIONS ARE MADE. THIS IS NECESSARY IN ORDER THAT THE PREVAILING CONDITIONS ARE TAKEN INTO CONSIDERATION REGARDING SAFETY REQUIREMENTS. ADDITIONAL SAFETY ACCOMPANIMENTS SUCH AS TURNING LANES MAY OR MAY NOT BE REQUIRED. VDOT APPROVAL OF SUBDIVISION ROAD PLANS DOES NOT PRECLUDE THE RIGHT TO ADD ADDITIONAL FACILITIES SUCH AS SEEDING, PAVING, SEDIMENT CONTROL ITEMS, etc., AS MAY BE DEEMED NECESSARY BY THE DEPARTMENT PRIOR TO THE ACCEPTANCE OF SUCH ROADS IN ORDER TO LIMIT SILTATION AND POLLUTION OF NEARBY LAKES, STREAMS, AND ADJACENT PROPERTY.

THE DEPARTMENT'S APPROVAL OF THESE PLANS EXPIRES THREE (3) YEARS FROM DATA APPROVAL.

THE COUNTY OF ROANOKE RESERVES THE RIGHT TO ADD TO, DELETE, OR OTHERWISE CHANGE EROSION CONTROL DEVICES AS MAY BE DEEMED NECESSARY BY WRITTEN NOTIFICATION TO THE CONTRACTOR.



VICINITY MAP
NO SCALE

GENERAL NOTES

ALL CONSTRUCTION METHODS AND MATERIALS SHALL CONFORM TO THE CONSTRUCTION STANDARDS AND SPECIFICATIONS OF ROANOKE COUNTY, THE WESTERN VIRGINIA WATER AUTHORITY (WVWA) AND/OR THE VIRGINIA DEPARTMENT OF TRANSPORTATION (VDOT).

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

(N/A = NOT APPLICABLE FOR THIS PROJECT)

- A. INSTALLATION OF APPROVED EROSION CONTROL DEVICES.
- B. CLEARING AND GRUBBING
- N/A C. SUBGRADE EXCAVATION.
- N/A D. INSTALLING STORM SEWERS OR CULVERTS.
- N/A E. INSTALLING CURB AND GUTTER FORMS.
- N/A F. PLACING CURB AND GUTTER.
- N/A G. PLACING OTHER CONCRETE.
- H. PLACING GRAVEL BASE.
- N/A I. PLACING ANY ROADWAY SURFACE.
- N/A J. INSTALLING WATER LINES.
- K. INSTALLING SANITARY SEWER LINES.

A PRE CONSTRUCTION CONFERENCE SHOULD BE SCHEDULED WITH THE ROANOKE COUNTY ENGINEERING DIVISION AND THE WESTERN VIRGINIA WATER AUTHORITY, TO BE HELD AT LEAST ONE DAY PRIOR TO ANY CONSTRUCTION.

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.

A PERMIT MUST BE OBTAINED FROM THE VDOT RESIDENCY OFFICE IN SALEM PRIOR TO CONSTRUCTION IN THE HIGHWAY RIGHT OF WAY.

PLAN APPROVAL DOES NOT GUARANTEE THE ISSUANCE OF ANY PERMITS BY VDOT.

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

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

ALL UNSUITABLE MATERIAL SHALL BE REMOVED FROM THE CONSTRUCTION LIMITS OF THE ROADWAY BEFORE PLACING EMBANKMENT.

N/A 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 VDOT AND TO THE ROANOKE COUNTY ENGINEERING DIVISION PRIOR TO PLACEMENT. CBR VALUES LESS THAN 10 WILL REQUIRE REVISED PAVEMENT SECTIONS.

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

N/A VDOT STD.. HR-1 HANDRAIL IS REQUIRED ON ALL WALLS EXCEEDING 4.0' IN HEIGHT.

N/A LOCATION OF GUARD RAILS SHALL BE DETERMINED AT A JOINT FIELD INSPECTION BY THE COUNTY AND THE VDOT.

N/A ALL SPRINGS SHALL BE CAPPED AND PIPED TO THE NEAREST STORM SEWER OR NATURAL WATERCOURSE. THE PIPE SHALL BE MINIMUM OF 6" DIAMETER AND CONFORM TO VDOT STANDARD SB-1.

N/A STANDARD STREET AND TRAFFIC CONTROL SIGNS SHALL BE ERECTED AT EACH INTERSECTION BY THE DEVELOPER PRIOR TO FINAL STREET ACCEPTANCE.

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

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.

THE DEVELOPER AND/OR CONTRACTOR SHALL SUPPLY ALL UTILITY COMPANIES WITH COPIES OF APPROVED PLANS, ADVISING THEM 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.

THE DEVELOPER OR CONTRACTOR SHALL PROVIDE THE COUNTY OF ROANOKE AND THE WVWA WITH CORRECT AS-BUILT PLANS BEFORE FINAL ACCEPTANCE.

ALL WORK SHALL BE SUBJECT TO INSPECTION BY ROANOKE COUNTY, THE WVWA, AND/OR VDOT INSPECTORS.

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

GRADE STAKES SHALL BE SET FOR ALL CURB AND GUTTER, CULVERT, SANITARY SEWER, AND STORM SEWER.

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

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.

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

REVISIONS			
No.	Date	Remarks	By

Designed By: PJB
Drawn By: JJB/PJB
Date: NOV. 9, 2005
W.O. # 05-0519
N.B. # CH-1

SHEET INDEX

SHEET #	TITLE
C1	COUNTY OF ROANOKE COVER SHEET
C2	PLAN & PROFILE SHEET OF SANITARY SEWER MAIN EXTENSION
C3	LATERAL PROFILES - UTILITY CONFLICTS
C4	EROSION CONTROL NARRATIVE & DETAILS

SEE WESTERN VIRGINIA WATER AUTHORITY "WATER AND SEWER DESIGN AND CONSTRUCTION STANDARDS AND DETAILS" FIRST EDITION, DATED JULY 2004 FOR ANY DETAILS NOT SHOWN ON THIS PLAN BUT NECESSARY FOR CONSTRUCTION.

ABBREVIATIONS		LEGEND		SYMBOLS	
AH/FH	ARROW HEAD TOP OF FIRE HYDRANT	MIN	MINIMUM MONUMENT	EXISTING	NEW
APPROX	APPROXIMATE	MON	NORTH BOUND LANE	100.5 E	100.5
ASPH	ASPHALT	NBL	OVERHEAD LINE	----- 100 -----	----- 100 -----
BC	BACK OF CURB	CHL	PROPOSED	== 8"SS ==	== 8"SS ==
BIT	BITUMINOUS	PROP	PUBLIC UTILITY EASEMENT	== 4"W ==	== 4"W ==
BLDG	BUILDING	PUE	PAVEMENT	== 8"SD ==	== 8"SD ==
BLK	BLOCK	PWT	RADIUS	----- 2"G -----	----- 2"G -----
BM	BENCHMARK	R	RIGHT	----- E -----	----- E -----
BW	BOTTOM OF WALL	R/W	RIGHT OF WAY	----- T -----	----- T -----
CB	CINDER BLOCK	REQD	REQUIRED	----- CATV -----	----- CATV -----
CDS	CUL-DE-SAC	RR	RAILROAD	----- UE -----	----- UE -----
C&G	CURB & GUTTER	RYS	REAR YARD SETBACK	----- UT -----	----- UT -----
CMP	CORRUGATED METAL PIPE	SAH	SANITARY SEWER	----- UT -----	----- UT -----
CONC	CONCRETE	SBL	SOUTH BOUND LANE	----- UT -----	----- UT -----
COR	CORNER	SD	STORM DRAIN	----- UT -----	----- UT -----
DBL	DOUBLE	SECT	SECTION	----- UT -----	----- UT -----
DEFL	DEFLECTION	SE	SLOPE EASEMENT	----- UT -----	----- UT -----
DI	DROP INLET	SS	SANITARY SEWER	----- UT -----	----- UT -----
DIA	DIAMETER	SSE	SANITARY SEWER EASEMENT	----- UT -----	----- UT -----
DE	DRAINAGE EASEMENT	STA	STATION	----- UT -----	----- UT -----
DW	DOMESTIC WATER	STD	STANDARD	----- UT -----	----- UT -----
EBL	EAST BOUND LANE	STD	STORAGE	----- UT -----	----- UT -----
ELEC	ELECTRIC	SYS	SIDE YARD SETBACK	----- UT -----	----- UT -----
ELEV	ELEVATION	TBM	TEMPORARY BENCHMARK	----- UT -----	----- UT -----
ENTR	ENTRANCE	TC	TOP OF CURB	----- UT -----	----- UT -----
EP	EDGE OF PAVEMENT	T	TELEPHONE	----- UT -----	----- UT -----
EW	ENDWALL	TRANS	TRANSFORMER	----- UT -----	----- UT -----
EXIST	EXISTING	TW	TOP OF WALL	----- UT -----	----- UT -----
FDN	FOUNDATION	TYP	TYPICAL	----- UT -----	----- UT -----
FF	FINISHED FLOOR	UE	UNDERGROUND ELECTRIC	----- UT -----	----- UT -----
FP	FIRE PROTECTION WATER	UT	UNDERGROUND TELEPHONE	----- UT -----	----- UT -----
G	GAS	VDOT	VIRGINIA DEPARTMENT OF TRANSPORTATION	----- UT -----	----- UT -----
HP	HIGH POINT	VERT	VERTICAL	----- UT -----	----- UT -----
INV	INVERT	WBL	WEST BOUND LANE	----- UT -----	----- UT -----
IP	IRON PIN	W	WATER LINE	----- UT -----	----- UT -----
LT	LEFT	YD	YARD	----- UT -----	----- UT -----
MBL	MINIMUM BUILDING LINE			----- UT -----	----- UT -----
MH	MANHOLE			----- UT -----	----- UT -----

06/01/06: AS-BUILT PLANS
11/09/05: 1ST SUBMITTAL

AS-BUILT SURVEY FOR PUBLIC SANITARY SEWER EXTENSION FOR THE WESTERN VIRGINIA WATER AUTHORITY
FROM ARROWHEAD TRAIL TOWARD CHEROKEE HILLS DRIVE ACROSS PRIVATE PROPERTIES

NAME OF DEVELOPMENT

LOCATION

SUNDANCE ROAD BETWEEN CHEROKEE HILLS DRIVE & ARROWHEAD TRAIL
CATAWBA MAGISTERIAL DISTRICT
ROANOKE COUNTY, VIRGINIA

OWNER

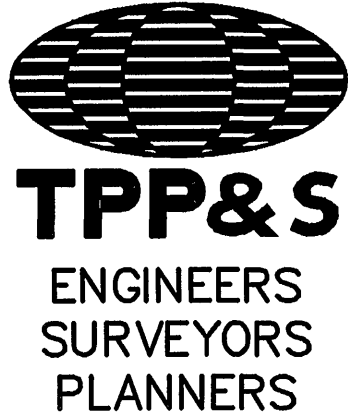
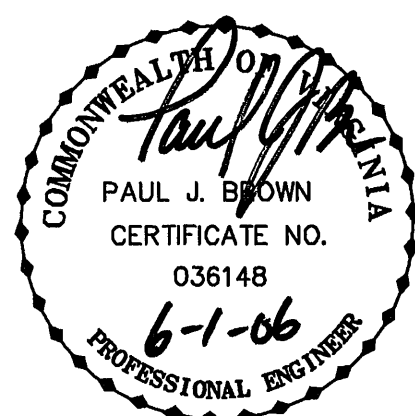
MULTIPLE PROPERTY OWNERS

DEVELOPER

WESTERN VIRGINIA WATER AUTHORITY

TAX MAP #(S) 54.04

BLOCK #(S) 04
BLOCK #(S) 05
BLOCK #(S) 06
PARCEL #(S) 43
PARCEL #(S) 02,03,04,05,38,38.01
PARCEL #(S) 64



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04-0071 TOWNSIDE/05-0519-WVWA-CVR.DWG