DEMOLITION NOTES EXISTING SANITARY SEWER EXISTING STORM SEWER STRUCTURE SCHEDULE: DEMOLITION SHALL INCLUDE, UNLESS OTHERWISE NOTED ON DRAWINGS, REMOVAL STRUCTURE SCHEDULE: OF EXISTING OBJECTS OR IMPROVEMENTS, WHETHER INDICATED ON THE DRAWINGS OR NOT, THAT WOULD IN THE OPINION OF THE OWNER, PREVENT OR INTERFERE (A) ex. STORM MANHOLE @ CURB INLET (S1) ex. sanitary sewer manhole () (STRCP 15"RCP WITH THE PROGRESS OR COMPLETION OF THE PROPOSED WORK. TOP=1088.54' TOP=1089.29' (B) ex. storm sewer manhole S13) PERMITS, FEES AND LICENSES SHALL BE SECURED AND PAID FOR BY THE TOP=1089.83' (\$2) sanitary sewer manhole CONTRACTOR, INCLUDING DISPOSAL CHARGES AS REQUIRED. 48" RCP INV. IN=1072.09' FROM A TOP=1086.67' 48" RCP INV. IN=1063.63" 10" INV. IN=1069.22' FROM S1 48" RCP INV. OUT=1063.53' TO C WORK SHALL COMPLY WITH THE REQUIREMENTS OF THE GOVERNING AUTHORITIES 10" INV. IN=1069.25' FROM S8 IN DEMOLITION OF EXISTING PAVEMENT, CURBS AND GUTTERS, DRAINAGE 4" DIP INV. IN=1078.67' FROM ADJ. BLDG (C) STORM MANHOLE (CURB INLET) TOP=1074.88' (NEW TOP=1074.15') STRUCTURES AND UTILITIES AS MAY BE REQUIRED. 10" DIP INV. OUT=1069.15' TO S3 G.C. SHALL BE, RESPONSIBLE FOR 48" RCP INV. IN=1061.34" ALL TRAFFIC CONTROL ASSOCIATED (\$3) ex. sanitary sewer manhole 15" RCP INV. IN=1070.08' (STR. 0) ALL EXISTING UTILITIES TO ANY BUILDINGS SHOWN TO BE RAZED SHALL BE WITH THE EXISTING DRIVE AISLE GRADING NEW 15" INV. IN=1069.8' (STR. 10 DISCONNECTED AND PLUGGED OR CAPPED AS REQUIRED BY THE COUNTY. TOP=1085.00' & UTILITY IMPROVEMENTS. 10" DIP INV. IN=1065.29" NEW 15" INV. IN=1068.9' (STR. 15) 48" RCP INV. OUT=1061.04' 10" DIP INV. OUT=1063.35" CONTRACTOR SHALL SAW-CUT ALL JOINTS WHERE EXISTING CURBING, PAVEMENT *INLET TOP TO BE REMOVED AND AND SIDEWALK IS TO BE DEMOLISHED AND NEW CONSTRUCTION JOINS THE EXISTING. \$4 ex. sanitary sewer manhole SLAB TOP WITH MANHOLE SHALL TOP=1084.98' BE INSTALLED AND LOWERED TO FOR DEMOLITION OF BUILDINGS, CONTRACTOR SHALL DEMOLISH AND REMOVE 8" PVC INV. IN=1076.88" FINISHED GRADE BELOW GRADE CONSTRUCTION AND CONCRETE SLABS ON GRADE TO A MINIMUM 8" PVC INV. OUT=1076.87" (D) STORM MANHOLE (CURB INLET) DEPTH OF TWO FEET BELOW PROPOSED SUBGRADE. SHELF=1079.46' TOP=1088.33* REXISTING 50' ROADWAY EASEMENT. 48" RCP INV. IN=1066.75' CONTRACTOR SHALL COMPLETELY FILL BELOW GRADE AREAS AND VOIDS FROM \$5 ex. sanitary sewer manhole 48" RCP INV. OUT=1066.56" DEMOLITION OR REMOVAL OF STRUCTURES (UNDERGROUND FUEL STORAGE TANK, ex. cg-9d entrance TOP=1074.02' (E) STORM MANHOLE (CURB INLET) - T.B.R. KEVIN J. SMITH BASEMENTS, WELLS, ETC.) USING APPROVED SELECT FILL MATERIAL. SEALED (NO DETAIL) T.B.R. & REPLACED INST. #200901492 TOP=1080.76 T.M. #077.09-04-56.00 SILTED IN (NO DETAIL) (\$6) ex. sanitary sewer manhole ALL EXISTING CURBING, CONCRETE SIDEWALK, ENTRANCES, BUILDING FOUNDATIONS TOP=1067.01 (F) 12" RCP OUTLET TO POND - T.B.R. AND TREES AND BRUSH THAT ARE DEMOLISHED SHALL BE REMOVED FROM THE 10" PVC INV. IN=1058.11' FROM S3 INV.=1076.21 (PER PLAN) SITE AND DISPOSED OF BY THE CONTRACTOR, BUILDING DEBRIS, ETC. SHALL pavement 🤄 8" PVC INV. IN=1058.80' FROM S5 *PIPE COVERED (NO ACCESS) 2' SAW CUT NOT BE USED AS FILL MATERIAL ON THE SITE. 10" PVC INV. OUT=1057.07" (G) 60" RCP RISER - T.B.R. 2' SAW CUT SHELF=1058.71 ° TOP=1075.34' CONTRACTOR SHALL PROVIDE THE FOLLOWINGS PROTECTIONS AT THE JOB SITE: to existing e.p. 12" RCP INV. OUT=1071.69' ex. reserved s.w.m. (\$7) ex. sanitary sewer manhole N6739'01'E 138-63'| area to be vacated (H) 12" RCP - T.B.R.ex. GAS LATERAL T.B.R. TOP=1082.52' MAKE ARRANGEMENTS, BEFORE INITIATING DEMOLITION, FOR RELOCATING, INV. OUT=1068.42 & removed COORDINATE WITH GAS COMPANY 4" PVC INV. IN=1079.52' FROM BLDG DISCONNECTION, REROUTING, ABANDONING, OR SIMILAR ACTION AS MAY BE 4" PVC INV. OUT=1079.50' (1) 15" RCP REQUIRED RELATIVE TO UTILITIES AND OTHER UNDERGROUND PIPING, TO INV. OUT=1065.25 PERMIT WORK TO PROCEED WITHOUT DELAY. ARRANGEMENTS SHALL BE MADE (\$8) ex. sanitary sewer manhole (J) STORM MANHOLE (CURB INLET) IN ACCORDANCE WITH REGULATIONS OF AUTHORITIES OF UTILITIES ex. riser structure -TOP=1081.79' TOP=1064.98' & ex. 12" rcp pipe MENTIONED, SUCH AS OVERHEAD AND UNDERGROUND POWER AND TELEPHONE 10" INV. IN=1072.03' T.B.R. 1074 ? 15" RCP INV. IN=1058.96' ex. S.S. mh7, c.o. & LINES AND EQUIPMENT, GAS PIPING, STORM SEWERS, SANITARY SEWERS, OR 10" INV. OUT=1071.85' TO S2 (ESTIMATED .. FILLED WITH DEBRIS) s.s. lateral WATER PIPING. CONTRACTOR SHALL NOT USE WATER WHEN IT MAY CREATE SHELF=1072.67" 15" RCP INV. OUT=1058.86" T.B.R. & capped HAZARDOUS OR OBJECTIONABLE CONDITIONS, SUCH AS ICE, FLOODING AND/ *TO BE ABANDONED PER WATER (K) STORM MANHOLE (CURB INLET) per W.V.W.A. std's OR POLLUTION. AUTHORITY DETAIL S-16 TOP=1064.98' 48" RCP INV. IN=1058.86' ex. curb inlet to be modified -ENSURE SAFE PASSAGE OF PERSONS AROUND ALL AREAS OF DEMOLITION. ex. SEWER MANHOLE 48" RCP INV. OUT=1056.40" (see storm sewer schedule) TOP=1086.00' 33" RCP INV. IN=1057.72" CONDUCT OPERATIONS TO PREVENT DAMAGE TO ADJACENT BUILDINGS, 10" DIP INV. IN=1075.71" APPROX. LOC. 15" RCP INV. IN=1057.72' (ESTIMATED) STRUCTURES, OTHER FACILITIES, OR INJURY TO PERSONS. 12' S.S.E. 10" DIP INV. OUT=1075.67 (L) GRATE INLET 4" PVC INV. IN=1080.64' D.B. 707, PG. 345 PROMPTLY REPAIR DAMAGES CAUSED TO ADJACENT FACILITIES BY DEMOLITION TOP=1062.24' T.M. #077.13-06-03.00 SHELF=1076.43' TO BE VACATED OPERATIONS AT NO COST TO THE OWNER. 33" RCP INV. OUT=1058.47 (M) STORM MANHOLE MAINTAIN EXISTING UTILITIES INDICATED TO REMAIN, KEEP IN SERVICE, AND (S10) ex. SEWER MANHOLE TOP=1054.30' (ESTIMATED) ex. dumpster ex. grease trap to be PROTECT AGAINST DAMAGE DURING DEMOLITION OPERATIONS. PREVENT INTER-TOP=1086.00' 48" RCP INV. IN=1047.69' enclosure & conc. drained & disposed of RUPTION OF EXISTING UTILITIES SERVING OCCUPIED OR USED FACILITIES, EXCEPT 4" PVC INV. IN=1080.64" T.B.R. 54" RCP INV. OUT=1047.59' (ESTIMATED) properly by g.c. WHEN AUTHORIZED IN WRITING BY AUTHORITIES HAVING JURISDICTION. PROVIDE 4" PVC INV. OUT=1080.64' 18" RCP INV. IN=1049.94" ex. light pole typ -AD . 68 TEMPORARY SERVICES DURING INTERRUPTIONS TO EXISTING UTILITIES AS AC-SHELF=1080.81° (N) STORM MANHOLE (CURB INLET) T.B.R. CEPTABLE TO GOVERNING AUTHORITIES. ex. sonic building toos TOP=1055.05° 0 ш ≣ (S11) ex. SEWER MANHOLE 18" RCP INV. OUT=1048.91 two dovered conopies USE WATER SPRINKLING AND OTHER SUITABLE METHODS TO LIMIT DUST AND TOP=1080.55° & associated building (O) STORM MANHOLE (CURB INLET) DIRT RISING AND SCATTERING IN AIR TO LOWEST PRACTICAL LEVEL. PAVED OVER improvements TOP=1078.39° ex. light pole typ 15" RCP INV. OUT=1073.71 (S12) ex. SEWER MANHOLE COMPLY WITH GOVERNING REGULATIONS PERTAINING TO ENVIRONMENTAL T.B.R. PROTECTION. 10" DIP INV. IN=1071.21" ex. yard hydrant (2) 10" DIP INV. OUT=1071.15' SHELF=1072.05' LEGEND: to be relocated #3755 1 STY. (\$13) ex. SEWER MANHOLE & public lateral extended ex. AEP LIGHT 10" DIP INV. IN=1055.53" ex. cg-9d entrance BLDG. POLE TO REMAIN 10" DIP INV. OUT=1055.39' EX. PAVEMENT TO BE SAWCUT F.F.=1088.0 SHELF=1056.37" . conc. c&g (on-site) T.B.R. existing public s.s. ex. light pole typ main to be abandoned in place EX. PAVEMENT (TO BE REMOVED) per W.V.W.A. std's between manholes S2 and S8 EX. CONC. (TO BE REMOVED) LINE TABLE LINE BEARING DISTANCE L1 S68'15'33"W 24.46 area to be dedicated as public right of way 🚽 L2 N76°32'47"W S.S. EASEMENT (TO BE VACATED) ex. u/g. telephone & electrica service T.B.R. per provider std's CURVE TABLE APPROX. LOC. RIGHT-OF-WAY DEDICATION CURVE RADIUS ARC LENGTH CHORD BEARING CHORD LENGTH DELTA ANGLE TANGENT 12' S.S.E. D.B. 707, PG. 345 T.M. #077.13-06-04.00 0.659 AC. 1392.39' 189.05' N30°23'28"W 188.90* 7'46'45" 28,719 S.F. - BENCHMARK: TOP OF IRON PIN approx. location of ELEVATION=1089.9 ex. 12" waterline ex. fire hydrant id:22431 STATIC:100 PSI approx. location of existing RESIDUAL:90 PSI 48" rcp pipe per VDOT plar ANTICIPATED FLOW: 3,536 GPM AT 20PSI ex. traffic control box ex. conc. ramp ex. sign, electrical ex. cg-9d entranceconnections & meter T.B.R. - ex. s.s. to be abandoned - ex. AEP electrical pole continues to S8, see "OFF & guy wire -SITE IMPROVEMENTS" on (APCO 300-7084) sheet C-4 1.) DEMO IS REQUIRED FOR OFF-SITE SANITARY SEWER CONNECTION. **BRAMBLETON AVENUE R/W VARIES** 2.) THE PROPOSED 8" SANITARY SEWER SHALL BE INSTALLED AND FUNCTIONING PRIOR TO ABANDONING THE EXISTING LINE FROM STRUCTURE S9 TO S8 AND S8 TO S2 **RTE. 221** (SPEED LIMIT: 35 MPH)

SCALE: 1" = 20'

3.) STRUCTURES S9 AND S2 SHALL BE ABANDONED ACCORDING TO W.V.W.A DETAIL S-15. STRUCTURE S8 SHALL BE ABANDONED ACCORDING TO W.V.W.A. DETAIL REFLECTING TOMORROW

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3743 BRAMBLETON

PROPERTIES, LLC

INST. #200305221

37 CENTEI

KROGER I

DESIGNED BY BTC CHECKED BY CPB

7/21/2014 1"=20'

REVISIONS:

8/8/2014 8/12/2014 8/28/2014