

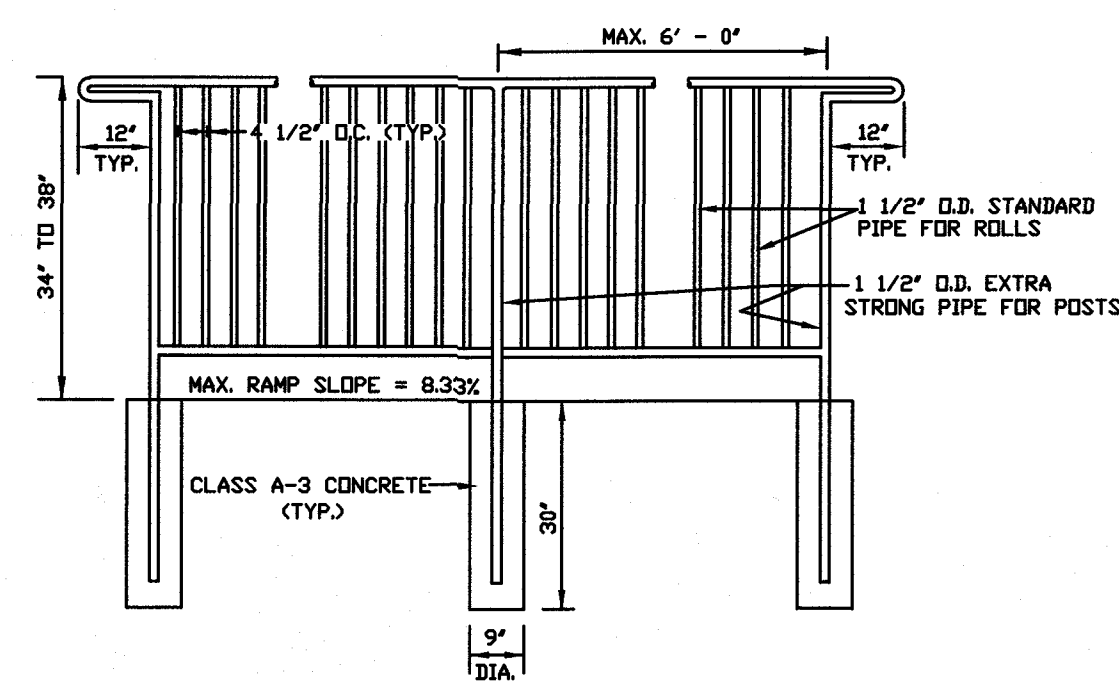
ITEM	EXISTING	PROPOSED
PAVEMENT (STANDARD)		
PAVEMENT (HEAVY DUTY)		
CONCRETE		
CONCRETE CURB (CG-2)		
CONCRETE CURB & GUTTER (CG-6)		
STORM DRAIN LINE		
STORM DRAIN MANHOLE		
SANITARY SEWER LINE		
WATERLINE		
UTILITY POLE		
OVERHEAD ELECTRIC LINE		
OVERHEAD TELEPHONE LINE		
INDEX CONTOURS		
INTERMEDIATE CONTOURS		
UNDERGROUND GAS		
UNDERGROUND COMMUNICATIONS		
PARKING SPACE COUNT		
SPOT ELEVATION		

ABBREVIATIONS	
R/W	RIGHT OF WAY
VAR.	VARIABLE
EXIST.	EXISTING
D.B.	DEED BOOK
P.B.	PLAT BOOK
P.G.	PAGE
INST. #	INSTRUMENT NUMBER
TYP.	TYPICAL
TBR	TO BE REMOVED
RCP	REINFORCED CONCRETE PIPE
SD	STORM DRAIN
SSMH	STORM DRAIN MANHOLE
SS	SANITARY SEWER
SSMH	SANITARY SEWER MANHOLE
CO	SANITARY SEWER CLEANOUT
C	COMMUNICATIONS LINE
G	NATURAL GAS LINE
W	WATER LINE
FTE	FINISHED FLOOR ELEVATION
TC	TOP OF CURB ELEVATION
SW	TOP OF SIDEWALK ELEVATION
GR	TOP OF GROUND ELEVATION
EP	EDGE OF PAVEMENT

NOTES:
1. ALL DIMENSIONS ARE TO FACE OF CURB, EDGE OF PAVEMENT OR BOTTOM OF WALL, UNLESS OTHERWISE NOTED.

SITE BENCHMARK DATA

BENCHMARK: BM#1 - TOP OF ARROWHEAD ON FIRE HYDRANT
ELEVATION = 1253.16'
NOTE: FIELD VERIFY BEFORE USE.



HANDRAIL DETAIL

NO SCALE

Existing Storm Drainage Table							
#	STRUCTURE	RIM	GRATE	INV. OUT	INV. IN	INV. IN(2)	INV. IN(3)
D-1	18" CPP			1256.92' (18" CPP)	1266.69' (18" CPP)		
D-2	Drop Inlet		1247.04'	1240.91' (24" RCP)			
D-3	Curb Inlet	1247.53'		1239.38' (24" RCP)	1239.41' (24" RCP)		14
D-4	DMH	1244.75'		1237.61' (24" RCP)	1237.97' (24" RCP) NE	1238.03' (18" RCP) SE	
D-5	18" RCP			1230.31' (18" RCP)	1233.87' (18" RCP)		
D-6	Curb Inlet	1237.81'		1230.31' (18" RCP)	1230.31' (18" RCP)		10'
D-7	Curb Inlet	1232.67'		1227.56' (24" RCP)	1227.56' (18" RCP)		10'
D-8	Curb Inlet	1232.03'		1225.07' (24" RCP)	1235.19' (24" RCP)		8'
D-9	Curb Inlet	1230.88'		1222.48' (24" RCP)	1222.56' (24" RCP)	1222.73' (15" RCP) SW	1222.73' (15" RCP) S
D-10	DMH	1231.05'		1221.28' (24" RCP)	1221.32' (24" RCP)		
D-11	24" RCP			1215.22' (24" RCP)	1221.28' (24" RCP)		
D-12	Curb Inlet	1246.77'		1239.37' (18" RCP)			8'
D-13	Curb Inlet	1246.70'		1238.27' (18" RCP)	1238.32' (18" RCP)		6'
D-14	18" RCP			unknown	1238.27' (18" RCP)		

Existing Sanitary Sewer Table							
#	STRUCTURE	WYWA#	RIM	INV. OUT	INV. IN(1)	INV. IN(2)	INV. IN(3)
S-1	SSMH	#400-1228.0	1246.49'	1237.34' (8" PVC)	1237.59' (8" PVC)		
S-2	SSMH	#400-1227.0	1246.69'	1236.50' (8" PVC)	1236.84' (8" PVC) SW	1236.87' (8" PVC)	
S-3	SSMH	#400-1226.0	1250.61'	1234.42' (8" PVC)	1234.52' (8" PVC) SE	1234.56' (8" PVC) E	
S-4	SSMH	#400-1225.0	1250.03'	1233.79' (8" PVC)	1233.95' (8" PVC) SW		
S-5	SSMH	#400-1224.0	1240.63'	1231.15' (8" PVC)	1231.44' (8" PVC) SW	1231.56' (8" PVC)	
S-6	SSMH	#400-1223.0	1229.51'	1222.33' (8" PVC)	1222.43' (8" PVC) SW	1222.56' (8" PVC) S	1222.46' (8" PVC) NW
S-7	SSMH	#400-1229.0	1231.56'	1222.61' (8" PVC)	1222.76' (8" PVC)		

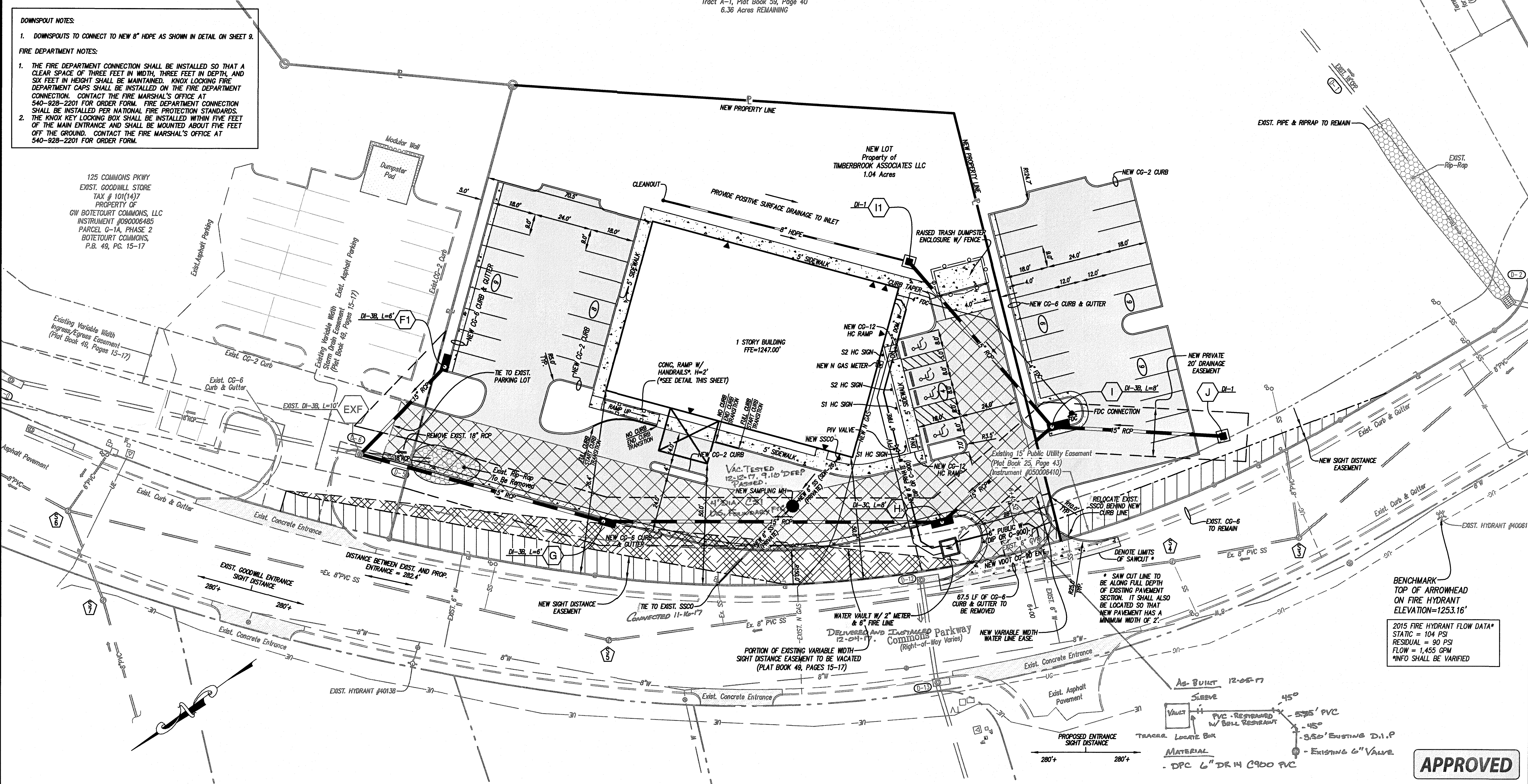
DOWNSPOUT NOTES:

1. DOWNSPOUTS TO CONNECT TO NEW 8" HDPE AS SHOWN IN DETAIL ON SHEET 9.

FIRE DEPARTMENT NOTES:

1. THE FIRE DEPARTMENT CONNECTION SHALL BE INSTALLED SO THAT A CLEAR SPACE OF THREE FEET IN WIDTH, THREE FEET IN DEPTH, AND SIX FEET IN HEIGHT SHALL BE MAINTAINED. KNOX LOOKING FIRE DEPARTMENT CAPS SHALL BE INSTALLED ON THE FIRE DEPARTMENT CONNECTION. CONTACT THE FIRE MARSHAL'S OFFICE AT 540-928-2201 FOR ORDER FORM. FIRE DEPARTMENT CONNECTION SHALL BE INSTALLED PER NATIONAL FIRE PROTECTION STANDARDS.
2. THE KNOX KEY LOOKING BOX SHALL BE INSTALLED WITHIN FIVE FEET OF THE MAIN ENTRANCE AND SHALL BE MOUNTED ABOUT FIVE FEET OFF THE GROUND. CONTACT THE FIRE MARSHAL'S OFFICE AT 540-928-2201 FOR ORDER FORM.

TAX # 101-44C
Property of
TIMBERBROOK ASSOCIATES LLC
Tract A-1, Plat Book 59, Page 40
6.36 Acres REMAINING

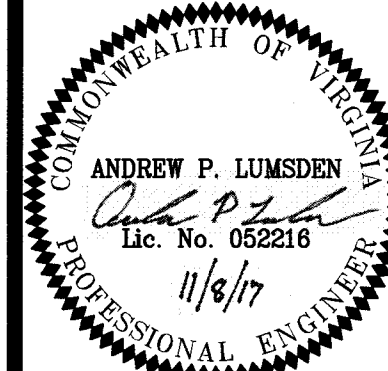


BENCHMARK
TOP OF ARROWHEAD
ON FIRE HYDRANT
ELEVATION=1253.16'

2015 FIRE HYDRANT FLOW DATA*
STATIC = 104 PSI
RESIDUAL = 90 PSI
FLOW = 1,455 GPM
*INFO SHALL BE VARIFIED

APPROVED

LUMSDEN ASSOCIATES, P.C.
ENGINEERS-SURVEYORS-PLANNERS
ROANOKE, VIRGINIA



DIMENSIONAL
LAYOUT

SITE DEVELOPMENT PLAN FOR
DAVITA KIDNEY CARE
PREPARED FOR
TIMBERBROOK ASSOCIATES, LLC
AMSTERDAM MAGISTERIAL DISTRICT
BOTETOURT COUNTY, VIRGINIA

REVISIONS	
NO.	DESCRIPTION
1	
2	
3	
4	
5	
DATE: November 8, 2017	
SCALE: 1" = 20'	
COMMISSION NO.: 17-078	
SHEET 3 OF 10	