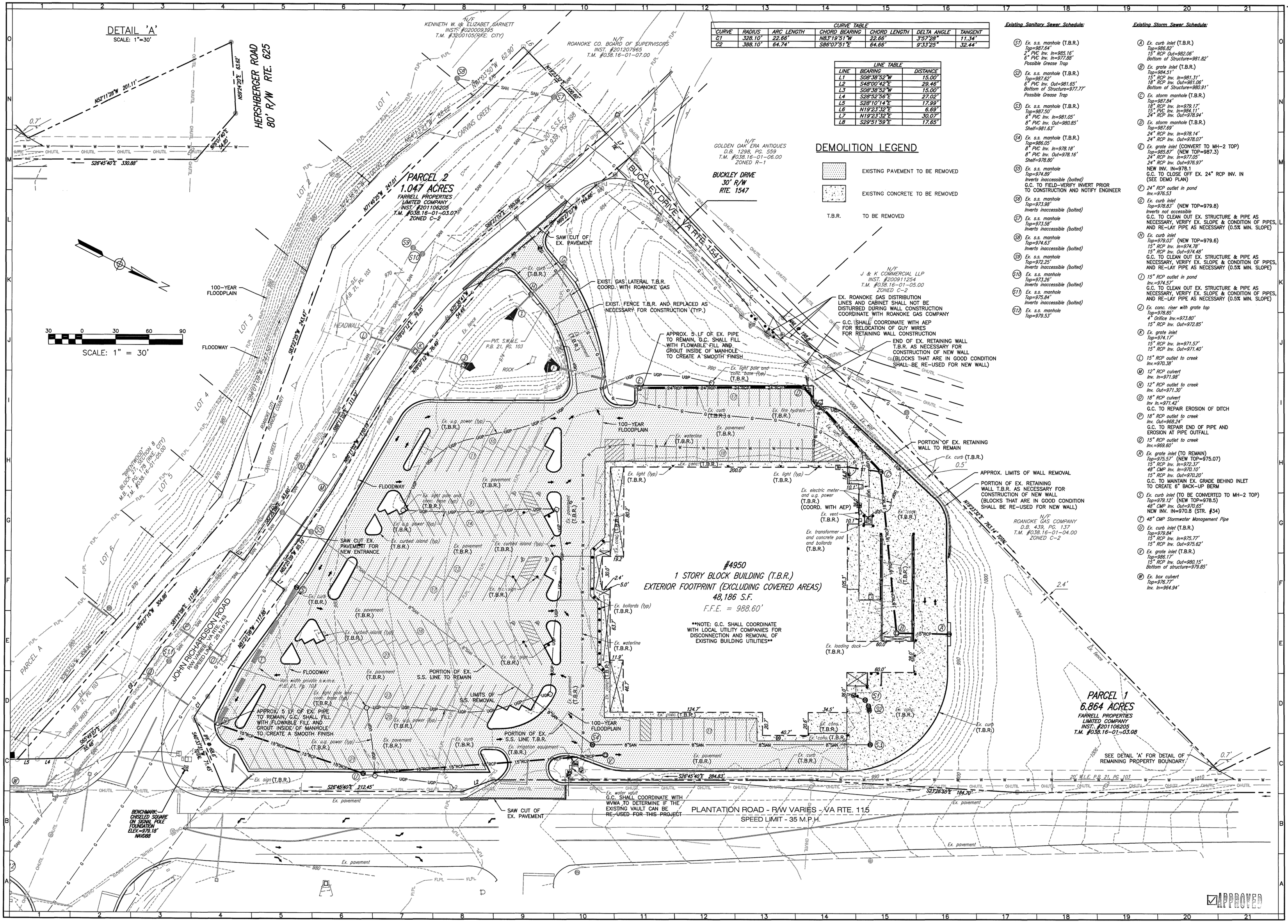

CURVE TABLE						
CURVE	RADIUS	ARC LENGTH	CHORD BEARING	CHORD LENGTH	DELTA ANGLE	TANGENT
C1	328.10'	22.66'	N83°19'51"W	22.66'	3°57'28"	11.34'
C2	388.10'	64.74'	S86°07'51"E	64.66'	9°33'25"	32.44'

LINE TABLE		
LINE	BEARING	DISTANCE
L1	S08°38'52"W	15.00'
L2	S48°00'42"E	29.46'
L3	S08°38'52"W	15.00'
L4	S28°52'56"E	27.02'
L5	S28°10'14"E	17.99'
L6	N19°23'32"E	6.69'
L7	N19°23'32"E	30.07'
L8	S29°51'59"E	17.65'

DEMOLITION LEGEND

- EXISTING PAVEMENT TO BE REMOVED
- EXISTING CONCRETE TO BE REMOVED
- T.B.R. TO BE REMOVED

Existing Sanitary Sewer Schedule:

(S1) Ex. s.s. manhole (T.B.R.)
Top=987.64'
2" PVC Inv. In=985.16'
6" PVC Inv. In=977.68'
Possible Grease Trap

(S2) Ex. s.s. manhole (T.B.R.)
Top=987.62'
6" PVC Inv. Out=981.65'
Bottom of Structure=977.77'
Possible Grease Trap

(S3) Ex. s.s. manhole (T.B.R.)
Top=987.50'
6" PVC Inv. In=981.05'
8" PVC Inv. Out=980.85'
Shelf=981.63'

(S4) Ex. s.s. manhole (T.B.R.)
Top=986.05'
8" PVC Inv. In=978.18'
8" PVC Inv. Out=978.16'
Shelf=978.80'

(S5) Ex. s.s. manhole
Top=974.89'
Inverts inaccessible (bolted)
G.C. TO FIELD-VERIFY INVERT PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER

(S6) Ex. s.s. manhole
Top=973.98'
Inverts inaccessible (bolted)

(S7) Ex. s.s. manhole
Top=973.58'
Inverts inaccessible (bolted)

(S8) Ex. s.s. manhole
Top=974.63'
Inverts inaccessible (bolted)

(S9) Ex. s.s. manhole
Top=972.25'
Inverts inaccessible (bolted)

(S10) Ex. s.s. manhole
Top=973.26'
Inverts inaccessible (bolted)

(S11) Ex. s.s. manhole
Top=975.84'
Inverts inaccessible (bolted)

(S12) Ex. s.s. manhole
Top=979.53'

Existing Storm Sewer Schedule:

(A) Ex. curb inlet (T.B.R.)
Top=986.82'
15" RCP Out=982.06'
Bottom of Structure=981.82'

(B) Ex. grate inlet (T.B.R.)
Top=984.51'
15" RCP Inv. In=981.31'
18" RCP Inv. Out=981.06'
Bottom of Structure=980.91'

(C) Ex. storm manhole (T.B.R.)
Top=987.84'
18" RCP Inv. In=979.17'
15" PVC Inv. In=984.11'
24" RCP Inv. Out=978.94'

(D) Ex. storm manhole (T.B.R.)
Top=987.69'
24" RCP Inv. In=978.14'
24" RCP Inv. Out=978.07'

(E) Ex. grate inlet (CONVERT TO MH-2 TOP)
Top=985.87' (NEW TOP=987.3)
24" RCP Inv. In=977.05'
24" RCP Inv. Out=976.97'
NEW INV. IN=978.1
G.C. TO CLOSE OFF EX. 24" RCP INV. IN (SEE DEMO PLAN)

(F) 24" RCP outlet in pond
Inv.=976.53

(G) Ex. curb inlet
Top=978.83' (NEW TOP=979.8)
Inverts not accessible
G.C. TO CLEAN OUT EX. STRUCTURE & PIPE AS NECESSARY, VERIFY EX. SLOPE & CONDITION OF PIPES, AND RE-LAY PIPE AS NECESSARY (0.5% MIN. SLOPE)

(H) Ex. curb inlet
Top=979.03' (NEW TOP=979.6)
15" RCP Inv. In=974.78'
15" RCP Inv. Out=974.48'
G.C. TO CLEAN OUT EX. STRUCTURE & PIPE AS NECESSARY, VERIFY EX. SLOPE & CONDITION OF PIPES, AND RE-LAY PIPE AS NECESSARY (0.5% MIN. SLOPE)

(I) 15" RCP outlet in pond
Inv.=974.57'
G.C. TO CLEAN OUT EX. STRUCTURE & PIPE AS NECESSARY, VERIFY EX. SLOPE & CONDITION OF PIPES, AND RE-LAY PIPE AS NECESSARY (0.5% MIN. SLOPE)

(J) Ex. conc. riser with grate top
Top=978.85'
4" Orifice Inv.=973.80'
15" RCP Inv. Out=972.85'

(K) Ex. grate inlet
Top=974.17'
15" RCP Inv. In=971.57'
15" RCP Inv. Out=971.40'

(L) 15" RCP outlet to creek
Inv.=970.38'

(M) 12" RCP culvert
Inv. In=971.98'

(N) 12" RCP outlet to creek
Inv. Out=971.30'

(O) 18" RCP culvert
Inv. In.=971.42'
G.C. TO REPAIR EROSION OF DITCH

(P) 18" RCP outlet to creek
Inv. Out=968.24'
G.C. TO REPAIR END OF PIPE AND EROSION AT PIPE OUTFALL

(Q) 15" RCP outlet to creek
Inv.=969.60'

(R) Ex. grate inlet (TO REMAIN)
Top=975.57' (NEW TOP=975.07)
15" RCP Inv. In=972.37'
48" CMP Inv. In=970.10'
15" RCP Inv. Out=970.20'
G.C. TO MAINTAIN EX. GRADE BEHIND INLET TO CREATE 6" BACK-UP BERM

(S) Ex. curb inlet (TO BE CONVERTED TO MH-2 TOP)
Top=979.12' (NEW TOP=978.5)
48" CMP Inv. Out=970.65'
NEW INV. IN=970.8 (STR. #34)

(T) 48" CMP Stormwater Management Pipe

(U) Ex. curb inlet (T.B.R.)
Top=979.84'
15" RCP Inv. In=975.77'
15" RCP Inv. Out=975.62'

(V) Ex. grate inlet (T.B.R.)
Top=986.17'
15" RCP Inv. Out=980.15'
Bottom of structure=979.85'

(W) Ex. box culvert
Top=978.77'
Inv. In=964.94'

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COMMONWEALTH OF VIRGINIA
CHRISTOPHER P. BURNS
Lic. No.047338
6/9/14
PROFESSIONAL ENGINEER

GROCERY TENANT
STORE #3622

EXISTING CONDITIONS & DEMO PLAN

HOLLINS DISTRICT
ROANOKE COUNTY, VIRGINIA

DRAWN BY	CPB
DESIGNED BY	CPB
CHECKED BY	BTC
DATE	4/11/2014
SCALE	1"=30'

REVISIONS:
5/12/2014
5/23/2014
6/9/2014

SHEET NO.
C3

JOB NO. R1400022.00