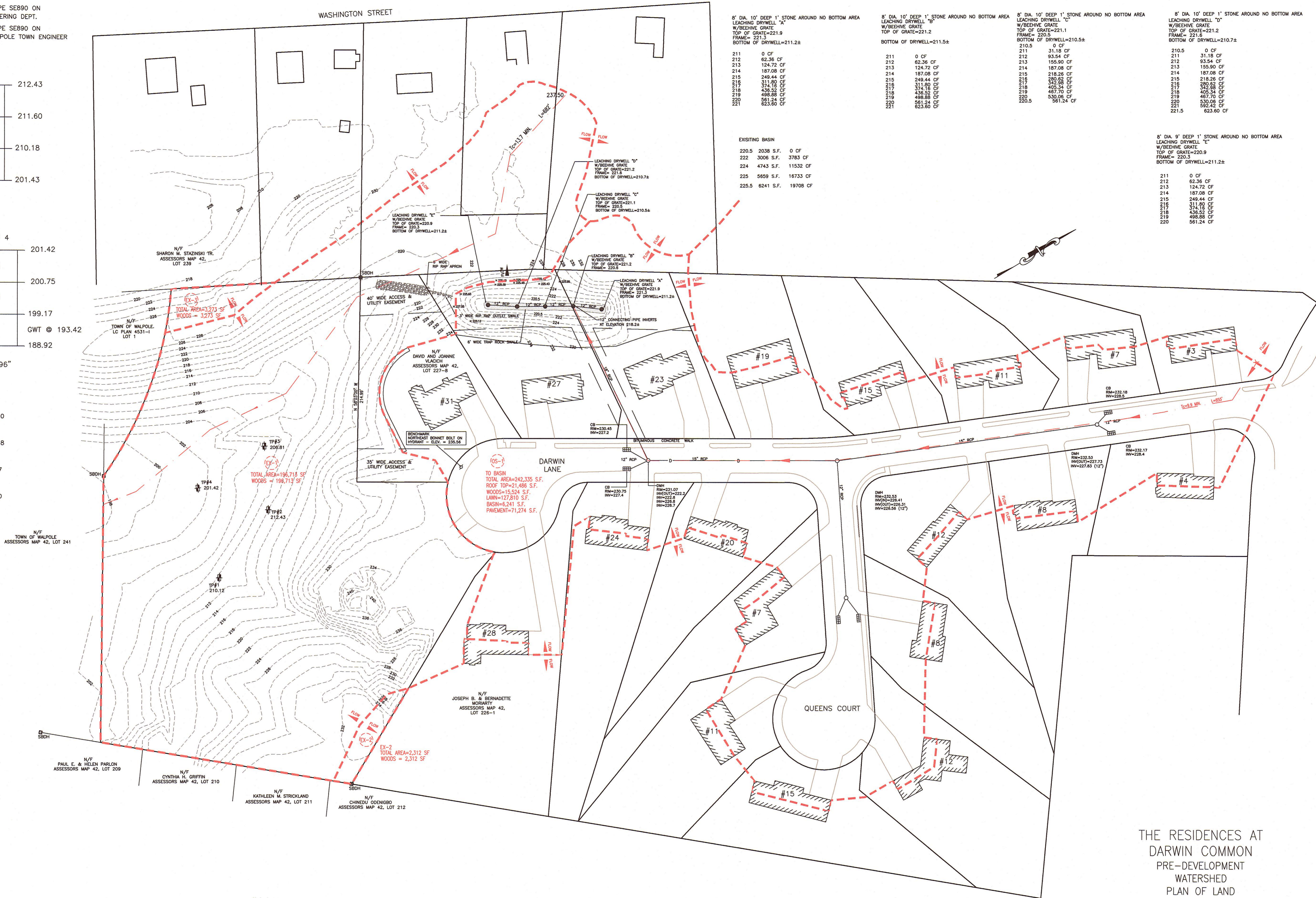


SOIL TESTING FOR TEST PITS 1-4 PERFORMED BY JOHN F. GLOSSA PE SE890 ON JUNE 8, 2023 AND WITNESSED BY CHRIS JOHNSON, WALPOLE ENGINEERING DEPT.
 SOIL TESTING FOR TEST PITS 5-7 PERFORMED BY JOHN F. GLOSSA PE SE890 ON NOVEMBER 13, 2023 AND WITNESSED BY CARL BALDUF PE, PLS, WALPOLE TOWN ENGINEER

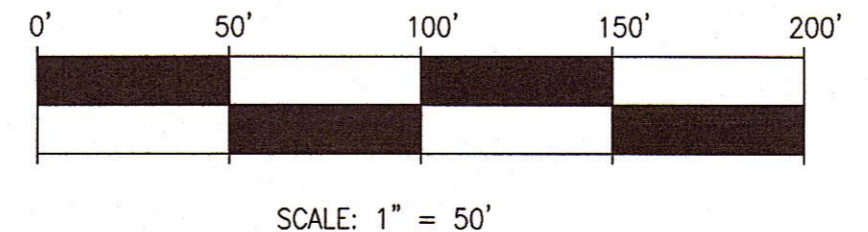
TEST PIT # 1		TEST PIT # 2	
0"	A SANDY LOAM 10YR 3/2	210.12	212.43
10"	B LOAMY SAND 10 YR 5/8	209.29	211.60
29"	C SAND 2.5Y 5/4	207.70	210.18
120"	NO REFUSAL NO MOTTLING WEEPING AT 66"		200.12
TEST PIT # 3		TEST PIT # 4	
0"	A SANDY LOAM 10YR 3/2	206.81	201.42
8"	B LOAMY SAND 10YR 5/8	206.14	200.75
27"	C SAND 2.5Y 5/4	204.56	199.17
132"	NO REFUSAL NO MOTTLING NO WEEPING		195.81
TEST PIT # 5		TEST PIT # 6	
0"	A SANDY LOAM 10YR 3/2	220.00	219.00
8"	B SANDY LOAM 10YR 5/8	219.08	218.08
24"	C SAND 2.5Y 5/4	218.00	215.67
185"	NO REFUSAL NO MOTTLING NO WEEPING		204.58
TEST PIT # 7			
0"	A SANDY LOAM 10YR 3/2	201.00	
12"	B SANDY LOAM 10YR 5/8	200.00	
33"	C SAND 2.5Y 5/4	198.25	
132"	NO REFUSAL NO MOTTLING NO WEEPING		190.00



8" DIA. 10' DEEP 1" STONE AROUND NO BOTTOM AREA		8" DIA. 10' DEEP 1" STONE AROUND NO BOTTOM AREA		8" DIA. 10' DEEP 1" STONE AROUND NO BOTTOM AREA		8" DIA. 10' DEEP 1" STONE AROUND NO BOTTOM AREA	
211	0 CF	211	0 CF	211	31.18 CF	211	0 CF
212	62.38 CF	212	62.38 CF	212	93.54 CF	212	62.38 CF
213	124.72 CF	213	124.72 CF	213	155.90 CF	213	124.72 CF
214	187.08 CF	214	187.08 CF	214	187.08 CF	214	187.08 CF
215	249.44 CF	215	249.44 CF	215	218.28 CF	215	249.44 CF
216	311.80 CF	216	311.80 CF	216	249.44 CF	216	311.80 CF
217	374.16 CF	217	374.16 CF	217	311.80 CF	217	374.16 CF
218	436.52 CF	218	436.52 CF	218	374.16 CF	218	436.52 CF
219	498.88 CF	219	498.88 CF	219	436.52 CF	219	498.88 CF
220	561.24 CF	220	561.24 CF	220	498.88 CF	220	561.24 CF
221	623.60 CF	221	623.60 CF	221	561.24 CF	221	623.60 CF

EXISTING BASIN	
220.5	2038 S.F. 0 CF
222	3006 S.F. 3783 CF
224	4743 S.F. 11532 CF
225	5659 S.F. 16733 CF
225.5	6241 S.F. 19708 CF

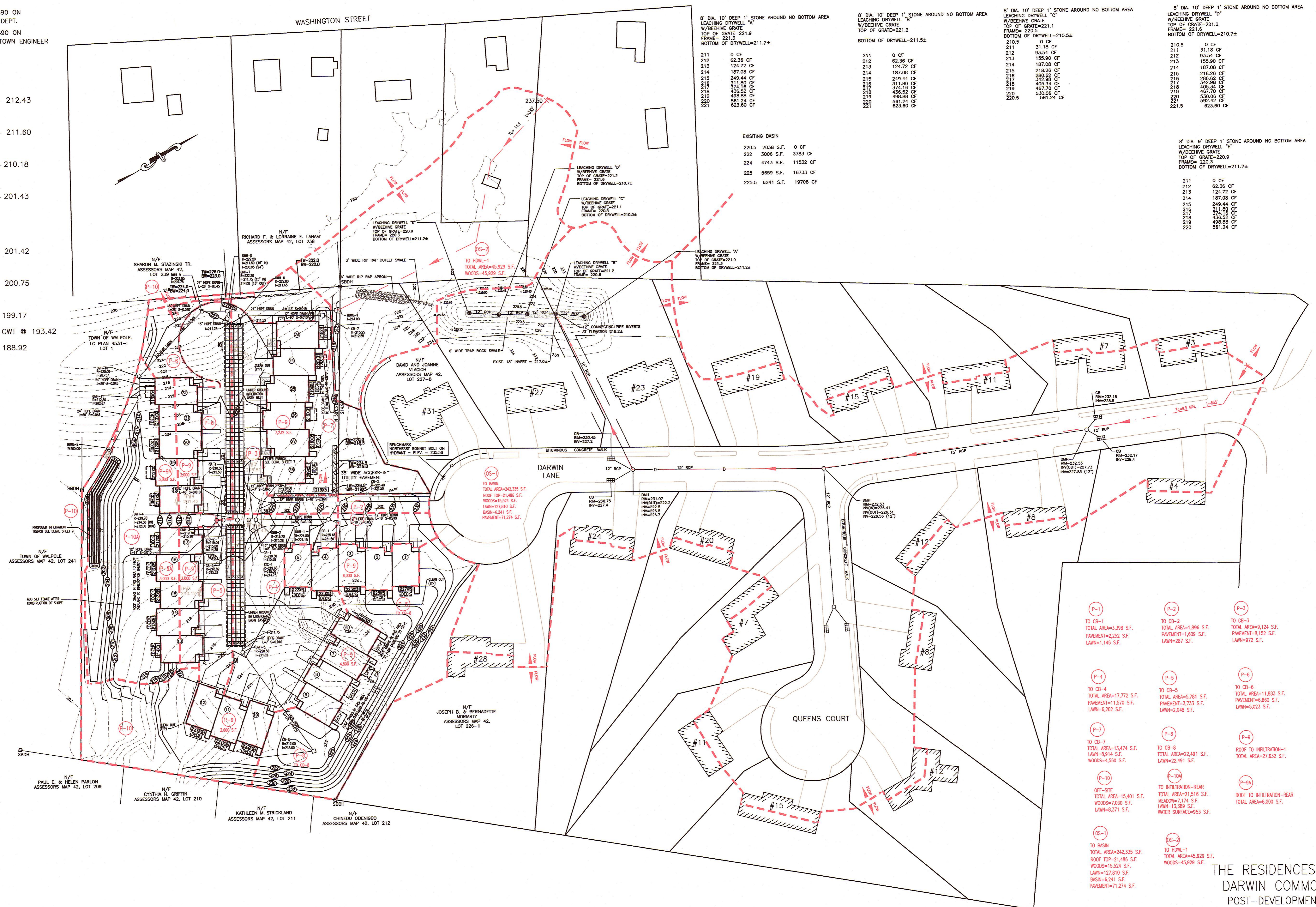
NO.	DATE	REVISION
1.	8/22/23	PER LOCAL REQUIREMENTS



THE RESIDENCES AT
 DARWIN COMMON
 PRE-DEVELOPMENT
 WATERSHED
 PLAN OF LAND
 IN
 WALPOLE, MA
 SCALE: 1"=50' JUNE 5, 2023
 GLOSSA ENGINEERING, INC.
 46 EAST ST
 EAST WALPOLE, MA 02032
 (508) 668-4401

SOIL TESTING FOR TEST PITS 1-4 PERFORMED BY JOHN F. GLOSSA PE SE890 ON JUNE 8, 2023 AND WITNESSED BY CHRIS JOHNSON, WALPOLE ENGINEERING DEPT.
 SOIL TESTING FOR TEST PITS 5-7 PERFORMED BY JOHN F. GLOSSA PE SE890 ON NOVEMBER 13, 2023 AND WITNESSED BY CARL BALDUF PE, PLS, WALPOLE TOWN ENGINEER

TEST PIT # 1		TEST PIT # 2			
0"	A SANDY LOAM 10YR 3/2	210.12	0"	A SANDY LOAM 10YR 3/2	212.43
10"	B LOAMY SAND 10 YR 5/8	209.29	10"	B LOAMY SAND 10YR 5/8	211.60
29"	C SAND 2.5Y 5/4	207.70	27"	C SAND 2.5Y 5/4	210.18
120"	NO REFUSAL NO MOTTLING WEEPING AT 66"	200.12	132"	NO REFUSAL NO MOTTLING WEEPING AT 48"	201.43
TEST PIT # 3		TEST PIT # 4			
0"	A SANDY LOAM 10YR 3/2	206.81	0"	A SANDY LOAM 10YR 3/2	201.42
8"	B LOAMY SAND 10YR 5/8	206.14	8"	B LOAMY SAND 10YR 5/8	200.75
27"	C SAND 2.5Y 5/4	204.56	27"	C SAND 2.5Y 5/4	199.17
132"	NO REFUSAL NO MOTTLING NO WEEPING	195.81	150"	NO REFUSAL NO MOTTLING NO WEEPING	188.92
GWT @ 193.42					
TEST PIT # 5		TEST PIT # 6			
0"	A SANDY LOAM 10YR 3/2	220.00	0"	A SANDY LOAM 10YR 3/2	219.00
8"	B SANDY LOAM 10YR 5/8	219.08	11"	B SANDY LOAM 10YR 5/8	218.08
24"	C SAND 2.5Y 5/4	218.00	40"	C SAND 2.5Y 5/4	215.67
185"	NO REFUSAL NO MOTTLING NO WEEPING	204.58	168"	NO REFUSAL NO MOTTLING NO WEEPING	205.00
TEST PIT # 7					
0"	A SANDY LOAM 10YR 3/2	201.00			
12"	B SANDY LOAM 10YR 5/8	200.00			
33"	C SAND 2.5Y 5/4	198.25			
132"	NO REFUSAL NO MOTTLING NO WEEPING	190.00			

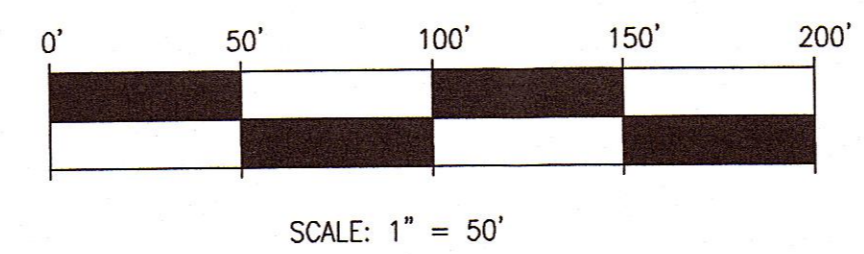


8' DIA. 10' DEEP 1' STONE AROUND NO BOTTOM AREA LEACHING DRYWELL "A" W/BEEHIVE GRATE TOP OF GRATE=221.9 FRAME= 221.3 BOTTOM OF DRYWELL=211.2±		8' DIA. 10' DEEP 1' STONE AROUND NO BOTTOM AREA LEACHING DRYWELL "B" W/BEEHIVE GRATE TOP OF GRATE=221.2 FRAME= 220.5 BOTTOM OF DRYWELL=211.5±		8' DIA. 10' DEEP 1' STONE AROUND NO BOTTOM AREA LEACHING DRYWELL "C" W/BEEHIVE GRATE TOP OF GRATE=221.1 FRAME= 220.5 BOTTOM OF DRYWELL=210.5±		8' DIA. 10' DEEP 1' STONE AROUND NO BOTTOM AREA LEACHING DRYWELL "D" W/BEEHIVE GRATE TOP OF GRATE=221.2 FRAME= 221.8 BOTTOM OF DRYWELL=210.7±	
211	0 CF	211	0 CF	211	0 CF	211	0 CF
212	62.36 CF	212	62.36 CF	212	31.18 CF	212	31.18 CF
213	124.72 CF	213	124.72 CF	213	62.36 CF	213	62.36 CF
214	187.08 CF	214	187.08 CF	214	93.54 CF	214	93.54 CF
215	249.44 CF	215	249.44 CF	215	124.72 CF	215	124.72 CF
216	311.80 CF	216	311.80 CF	216	155.90 CF	216	155.90 CF
217	374.16 CF	217	374.16 CF	217	187.08 CF	217	187.08 CF
218	436.52 CF	218	436.52 CF	218	218.26 CF	218	218.26 CF
219	498.88 CF	219	498.88 CF	219	249.44 CF	219	249.44 CF
220	561.24 CF	220	561.24 CF	220	280.62 CF	220	280.62 CF
221	623.60 CF	221	623.60 CF	221	311.80 CF	221	311.80 CF
222		222		222	342.98 CF	222	342.98 CF
223		223		223	374.16 CF	223	374.16 CF
224		224		224	405.34 CF	224	405.34 CF
225		225		225	436.52 CF	225	436.52 CF
226		226		226	467.70 CF	226	467.70 CF
227		227		227	498.88 CF	227	498.88 CF
228		228		228	530.06 CF	228	530.06 CF
229		229		229	561.24 CF	229	561.24 CF
230		230		230	592.42 CF	230	592.42 CF
231		231		231	623.60 CF	231	623.60 CF

EXISTING BASIN	
220.5	2038 S.F. 0 CF
222	3006 S.F. 3783 CF
224	4743 S.F. 11532 CF
225	5659 S.F. 16733 CF
225.5	6241 S.F. 19708 CF

TO CB-1 TOTAL AREA=3,388 S.F. PAVEMENT=2,252 S.F. LAWN=1,146 S.F.	TO CB-2 TOTAL AREA=1,896 S.F. PAVEMENT=1,609 S.F. LAWN=287 S.F.	TO CB-3 TOTAL AREA=9,124 S.F. PAVEMENT=8,152 S.F. LAWN=972 S.F.
TO CB-4 TOTAL AREA=17,772 S.F. PAVEMENT=11,570 S.F. LAWN=6,202 S.F.	TO CB-5 TOTAL AREA=5,781 S.F. PAVEMENT=3,733 S.F. LAWN=2,048 S.F.	TO CB-6 TOTAL AREA=11,883 S.F. PAVEMENT=6,880 S.F. LAWN=5,023 S.F.
TO CB-7 TOTAL AREA=13,474 S.F. LAWN=8,914 S.F. WOODS=4,560 S.F.	TO CB-8 TOTAL AREA=22,491 S.F. LAWN=22,491 S.F.	ROOF TO INFILTRATION-1 TOTAL AREA=27,632 S.F.
OFF-SITE TOTAL AREA=15,401 S.F. WOODS=1,030 S.F. LAWN=8,371 S.F.	TO INFILTRATION-REAR TOTAL AREA=21,518 S.F. MEADOW=7,174 S.F. LAWN=13,389 S.F. WATER SURFACE=953 S.F.	ROOF TO INFILTRATION-REAR TOTAL AREA=6,000 S.F.
TO BASIN TOTAL AREA=242,335 S.F. ROOF TOP=21,488 S.F. WOODS=18,520 S.F. LAWN=127,810 S.F. BASIN=6,241 S.F. PAVEMENT=71,274 S.F.	TO ROW-1 TOTAL AREA=45,929 S.F. WOODS=45,929 S.F.	

NO.	DATE	REVISION
1.	8/22/23	PER LOCAL REQUIREMENTS



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 POST-DEVELOPMENT
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