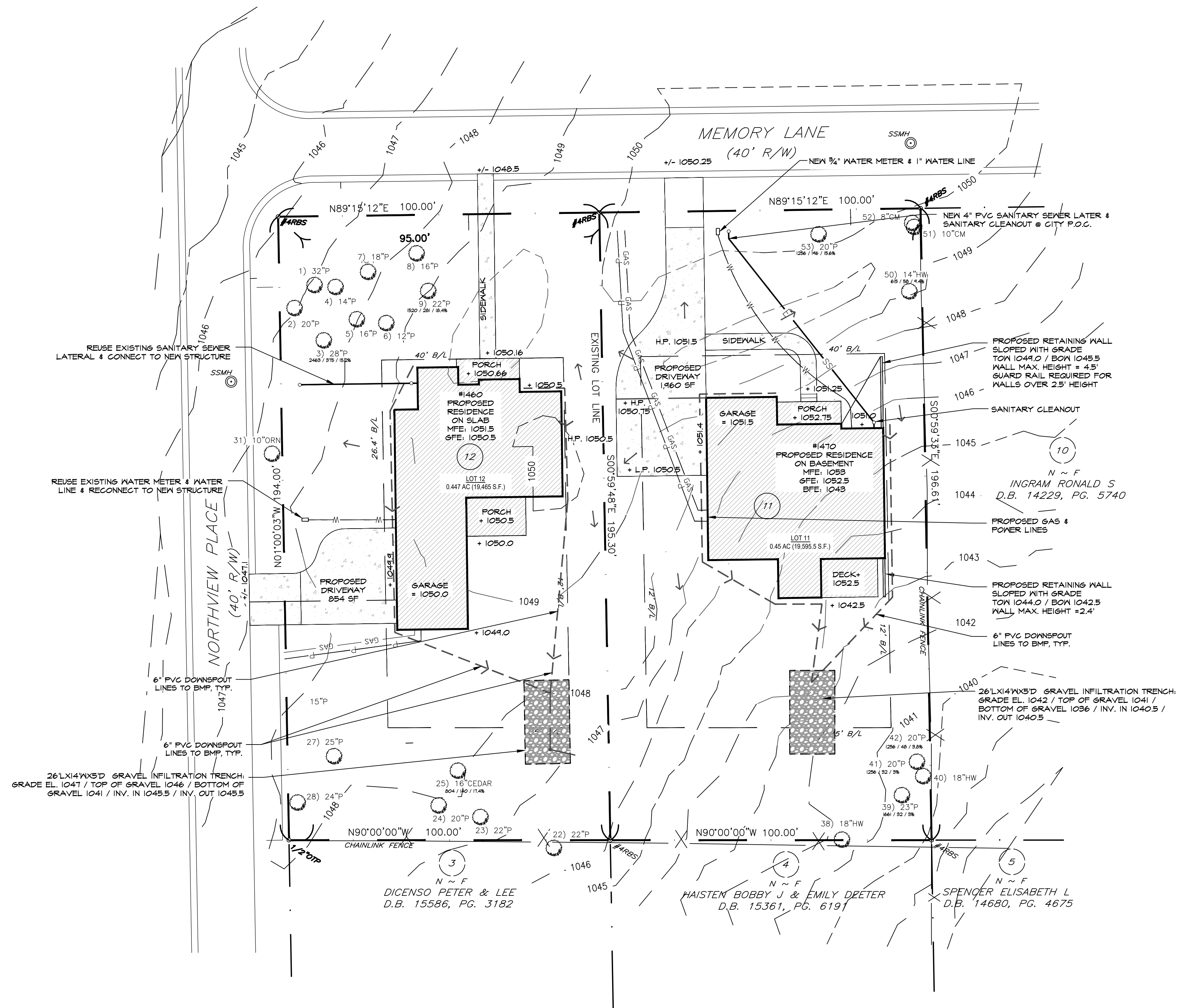


Lot 12 Impervious Analysis	
Description	S.F. Area
House	2,729
Porches	357
Driveway	809
Walkways	288
<b>Total Proposed Impervious</b>	<b>4,183</b>
Total Lot Area	19,465.0
Total Lot Coverage	21%
Maximum Allowable	
Lot Coverage	35%

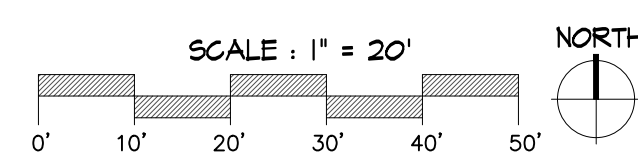
Lot 12 Stormwater Calculations		
Lot Area:		19,465.0 S.F.
35% Max Impervious:		6,812.75 S.F.
6,812.75 S.F. Impervious * 0.1' =		681.3 Cu. Ft.
Infiltration Trench Size =	26'x14'x5'	1,820 Cu. Ft.
40% Gravel Void Ratio =	1,820 Cu. Ft. x 0.4	728 Cu. Ft.
Total Volume =	728 Cu. Ft.	> 681.3 Cu. Ft.
<b>Infiltration Trench Design Exceeds Minimum Requirement</b>		

Lot 11 Impervious Analysis	
Description	S.F. Area
House	2,637
Porches	351
Driveway	1,645
Walkways	240
<b>Total Proposed Impervious</b>	<b>4,873</b>
Total Lot Area	19,595.5
Total Lot Coverage	25%
Maximum Allowable	
Lot Coverage	35%

Lot 11 Stormwater Calculations		
Lot Area:		19,595.5 S.F.
35% Max Impervious:		6,858.43 S.F.
6,858.43 S.F. Impervious * 0.1' =		685.8 Cu. Ft.
Infiltration Trench Size =	26'x14'x5'	1,820 Cu. Ft.
40% Gravel Void Ratio =	1,820 Cu. Ft. x 0.4	728 Cu. Ft.
Total Volume =	728 Cu. Ft.	> 685.8 Cu. Ft.
<b>Infiltration Trench Design Exceeds Minimum Requirement</b>		



**PROPOSED SITE PLAN  
FOR LOTS 11 & 12**



BILL CALDWELL, P.L.A., ASLA  
LANDSCAPE ARCHITECTURE  
BCLADESIGN@GMAIL.COM  
678-358-8055

**1460 & 1470 MEMORY LANE  
SMYRNA, GA. 30080**  
LOTS 11 & 12 / F.M. COLLIER SUBDIVISION  
PARCEL I.D. 17 055700060 / L.L. 557 / 17th DIST., 2nd SECTION  
COBB COUNTY, GEORGIA

THE DESIGN PROFESSIONAL  
WHOSE SIGNED AND DATED  
SEAL APPEARS HEREON,  
AFFIRMS THAT THE SITE WAS  
VISITED PRIOR TO THE  
PREPARATION OF THIS SITE  
PLAN BY HIMSELF OR HIS  
AUTHORIZED AGENT UNDER HIS  
SUPERVISION.

GSACC # 2474

REVISIONS	DESCRIPTION	DATE
	SITE PERMIT SUBMITTAL REVISED SITE PERMIT SUBMITTAL	04/06/2020 06/08/2020

PROPOSED  
SITE PLAN

L-1.1

04/06/2020