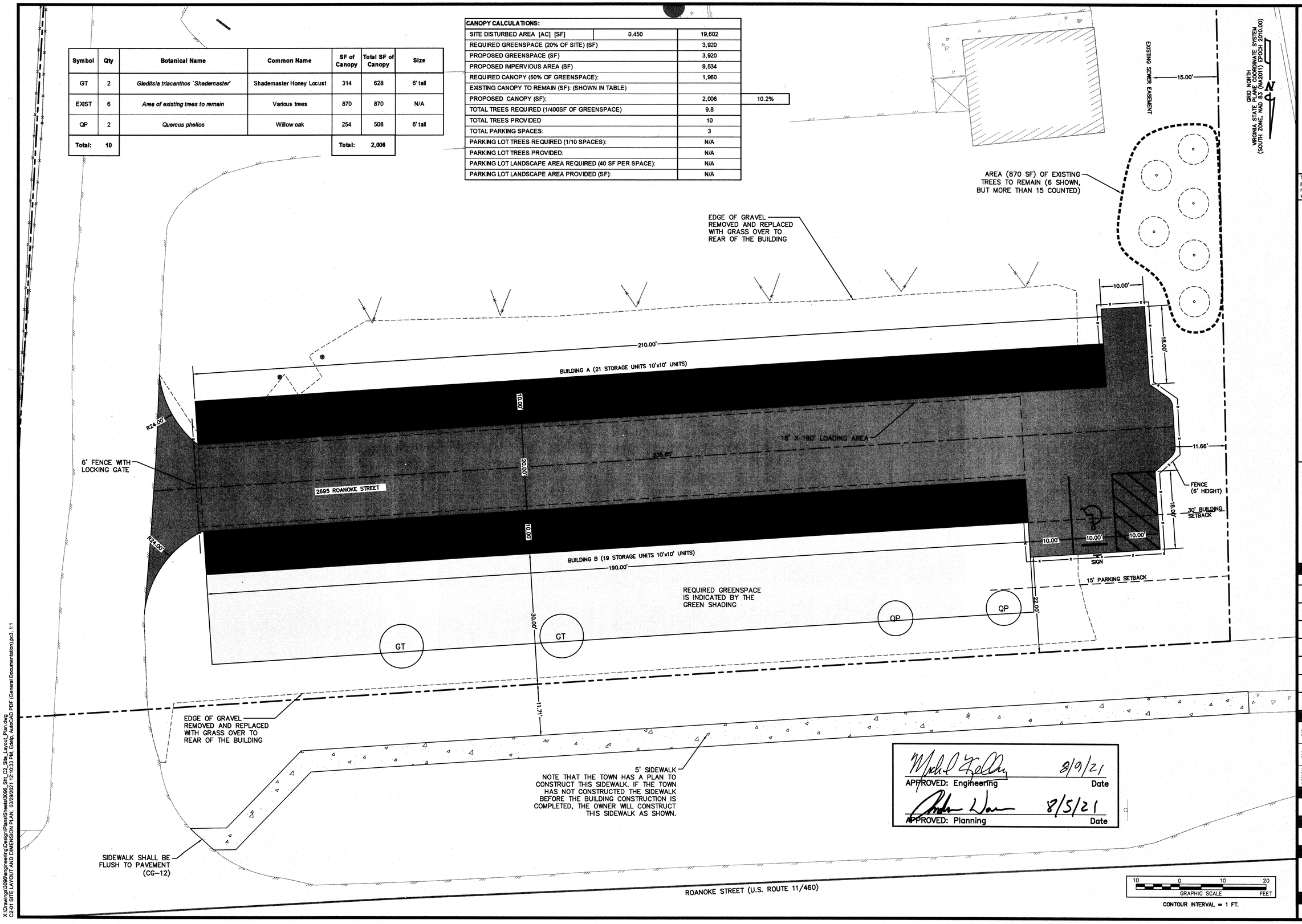
Symbol	Qty	Botanical Name	Common Name	SF of Canopy	Total SF of Canopy	Size
GT	2	*Gleditsia triacanthos 'Shademaster'*	Shademaster Honey Locust	314	628	6' tall
EXIST	6	*Area of existing trees to remain*	Various trees	870	870	N/A
QP	2	*Quercus phellos*	Willow oak	254	508	6' tall
Total:	10			Total:	2,006	

CANOPY CALCULATIONS:			
SITE DISTURBED AREA [AC] [SF]	0.450	19,602	
REQUIRED GREENSPACE (20% OF SITE) (SF)		3,920	
PROPOSED GREENSPACE (SF)		3,920	
PROPOSED IMPERVIOUS AREA (SF)		9,534	
REQUIRED CANOPY (50% OF GREENSPACE):		1,960	
EXISTING CANOPY TO REMAIN (SF): (SHOWN IN TABLE)			
PROPOSED CANOPY (SF):		2,006	10.2%
TOTAL TREES REQUIRED (1/400SF OF GREENSPACE)		9.8	
TOTAL TREES PROVIDED		10	
TOTAL PARKING SPACES:		3	
PARKING LOT TREES REQUIRED (1/10 SPACES):		N/A	
PARKING LOT TREES PROVIDED:		N/A	
PARKING LOT LANDSCAPE AREA REQUIRED (40 SF PER SPACE):		N/A	
PARKING LOT LANDSCAPE AREA PROVIDED (SF):		N/A	



APPROVED: Engineering — Date 8/9/21

APPROVED: Planning — Date 8/5/21

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CHRISTIANSBURG, VIRGINIA

COMMONWEALTH OF VIRGINIA
JOHN T. NEEL
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3/29/2021
PROFESSIONAL ENGINEER

NO.	COMMENTS	DATE

PIC	JOHN T. NEEL, PE
PM	BRYANT H. ALTIZER, PE, LS
DESIGN	ZJM, EZG, ESD

03/29/2021

3096

SITE LAYOUT AND DIMENSION PLAN

C2-01

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C2-01 SITE LAYOUT AND DIMENSION PLAN, 03/29/2021 12:10:33 PM, Edelp, AutoCAD PDF (General Documentation).pc3, 1:1