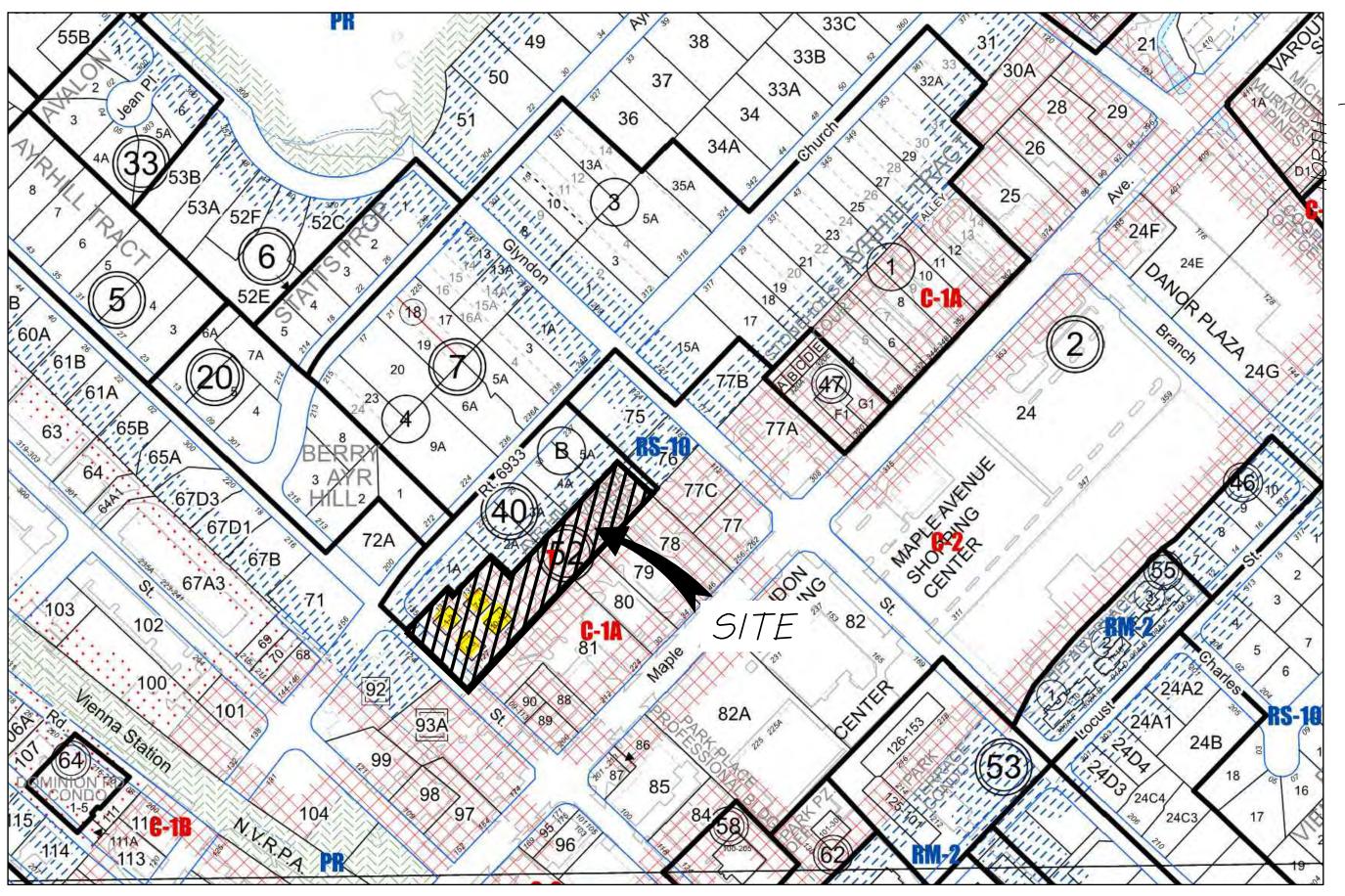
REZONING OF 127=133 PAR ST, N.E. TOWN OF VIENNA, VIRGINIA

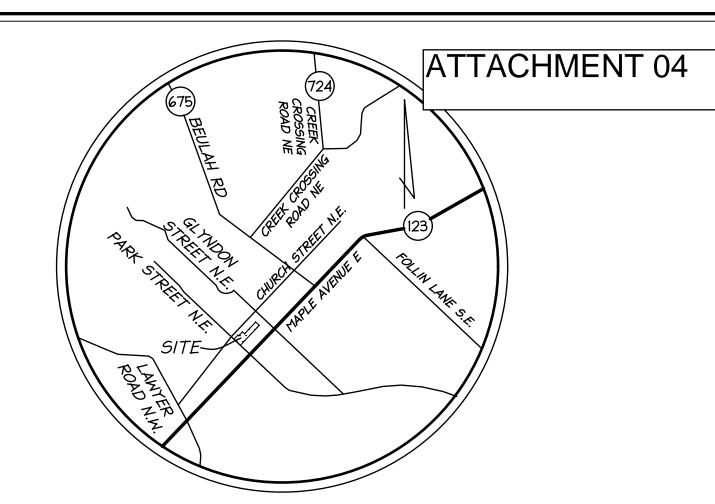


ZONING MAP

SCALE: I" = 200'

SOIL INFORMATION

SOIL	SOIL NAME	PROBLEM CLASS	FOUNDATION SUPPORT	DRAINAGE	EROSION POTENTIAL
95	URBAN LAND	IVB	N/A	N/A	N/A



VICINITY MAP

SCALE: 1" = 2,000'

SITE OVERVIEW:

SITE AREA:72,167# OR 1.65673 ACRES EXISTING ZONE: T (TRANSITIONAL) PROPOSED ZONE: RM-2

APPLICANT/CONTRACT OWNER:

BFR CONSTRUCTION COMPANY
921 GLYNDON ST., S.E.
VIENNA, VA 22180
SBUKONT@GMAIL.COM
(703)281-1054

PROPERTY OWNER(S):

THE PROPERTY DELINEATED ON THIS PLAT IS LOCATED ON FAIRFAX COUNTY TAX MAP No.

THE PROPERTY SHOWN HEREON IS CURRENTLY IN THE NAME OF TRUSTEES OF VIENNA PRESBYTERIAN CHURCH, BY DEED RECORDED IN DEED BOOK 5922 AT PAGE 1569, JOSEPH T. NOCERINO AND MARY ANN NOCERINO, TRUSTEES, BY DEED RECORDED IN DEED BOOK 23666 AT PAGE 1767 AND DEED BOOK ANN NOCERINO, TRUSTEES, BT DEED RECORDED IN DEED BOOK 23666 AT PAGE 1767 AND DEED BOOK 23666 AT PAGE 1771, EZRA PARTNERSHIP, BY DEED RECORDED IN DEED BOOK 19254 AT PAGE 532, DEED BOOK 5863 AT PAGE 365, DEED BOOK 6117 AT PAGE 1651, DEED BOOK 7699 AT PAGE 1031, AND DEED BOOK 19254 AT PAGE 532, MANUFACTURERS STANDARDIZATION SOCIETY OF THE VALVE AND FITTINGS INDUSTRY, INC. BY DEED RECORDED IN DEED BOOK 5921 AT PAGE 1069, AMONG THE LAND RECORDS OF FAIRFAX COUNTY, VIRGINIA.

REZONING APPLICATION NOTE:

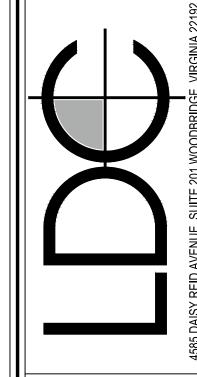
THIS REZONING APPLICATION IS CONCEPTUAL IN FORM AND DOES NOT CONSTITUTE AN ENGINEERING REVIEW WILL BE CONDUCTED DURING SITE PLAN SUBMISSION UNDER SEPARATE COVER. APPROVAL OF THE REZONING DOES NOT MEAN THAT THE APPLICANT WILL NOT NEED TO ALTER THE CONCEPTUAL LAYOUT TO MEET CODES, REGULATIONS AND GOOD ENGINEERING PRACTICES. THE APPLICANT RESERVES THE RIGHT TO REQUEST FURTHER MODIFICATIONS OR WAIVERS TO SPECIFIC STANDARDS AS PART OF THE SITE PLAN REVIEW AND APPROVAL.

ZONING REQUEST:

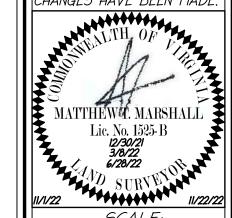
THIS REZONING APPLICATION IS TO REZONE THE SUBJECT PROPERTY FROM T (TRANSITIONAL) TO RM-2 (LOW DENSITY, MULTI-FAMILY). THE PROPOSAL WILL DISSOLVE THE EXISTING CONDOMINIUM AND CONSOLIDATE THE LOT.

SHEET INDEX

<i>1)</i>	COVER SHEET
2)	BOUNDARY
3)	EXISTING CONDITIONS PLAN
4)	CONCEPT PLAN
4A)	CONCEPT LANDSCAPE PLAN
<i>4B)</i>	FIRE MARSHAL PLAN
<i>5)</i>	VRRM
6)	ARCHITECTURAL FRONT ELEVATIONS
7)	ARCHITECTURAL REAR ELEVATION AND BUILDING SECTION



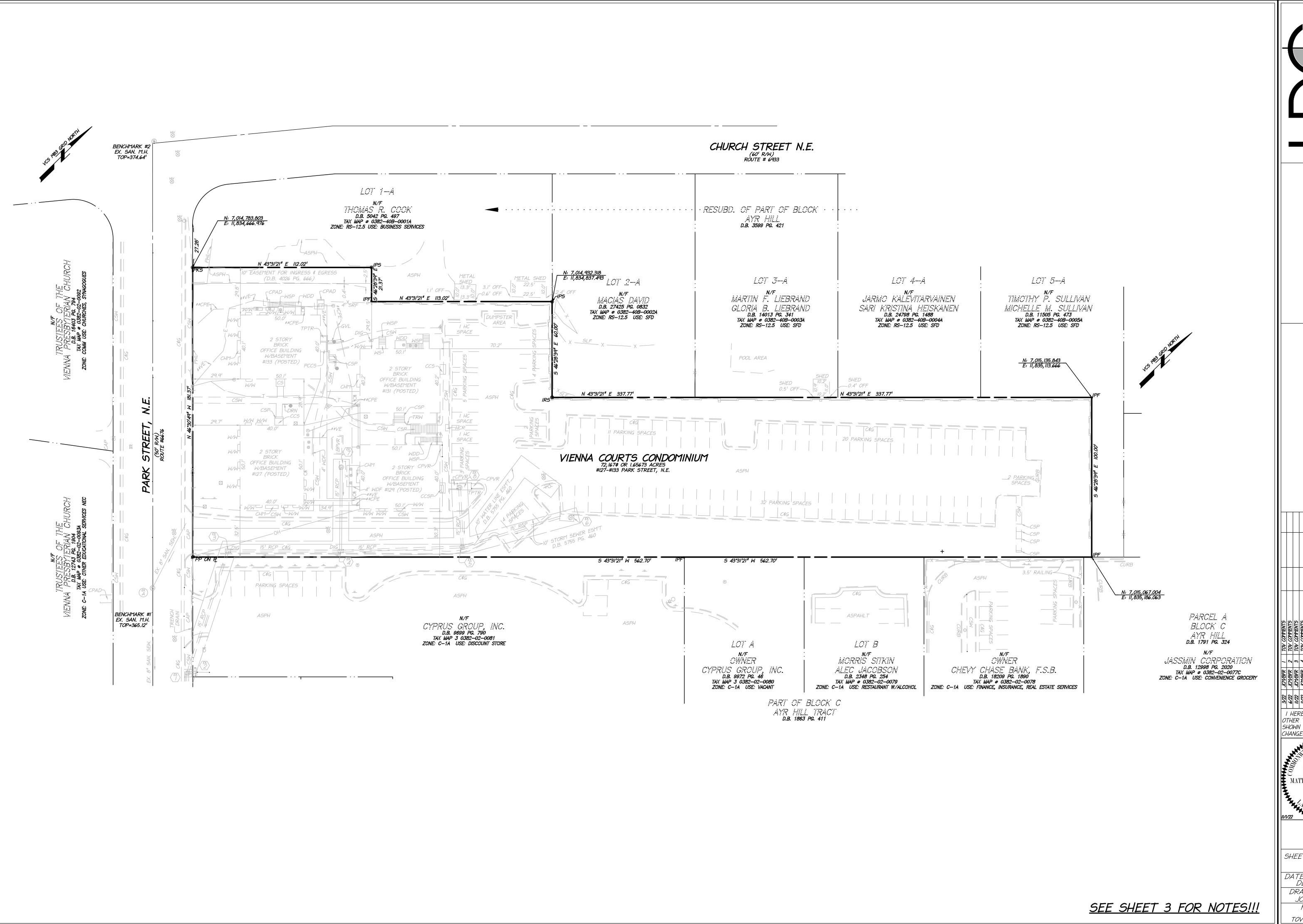
I HEREBY CERTIFY THAT OTHER THAN THE REVISIONS SHOWN HEREON, NO OTHER CHANGES HAVE BEEN MADE.



SCALE: AS SHOWN

SHEET OF .

DECEMBER, 2021 DRAFT: CHECK: JCM FILE NUMBER: 20268-2-0 TOV #___PF-



P:\PY 2020\20268-2-0 PARK STREET, N.E. - 127-133\ENG\GDP\20268-1-0-BNDY.dwg

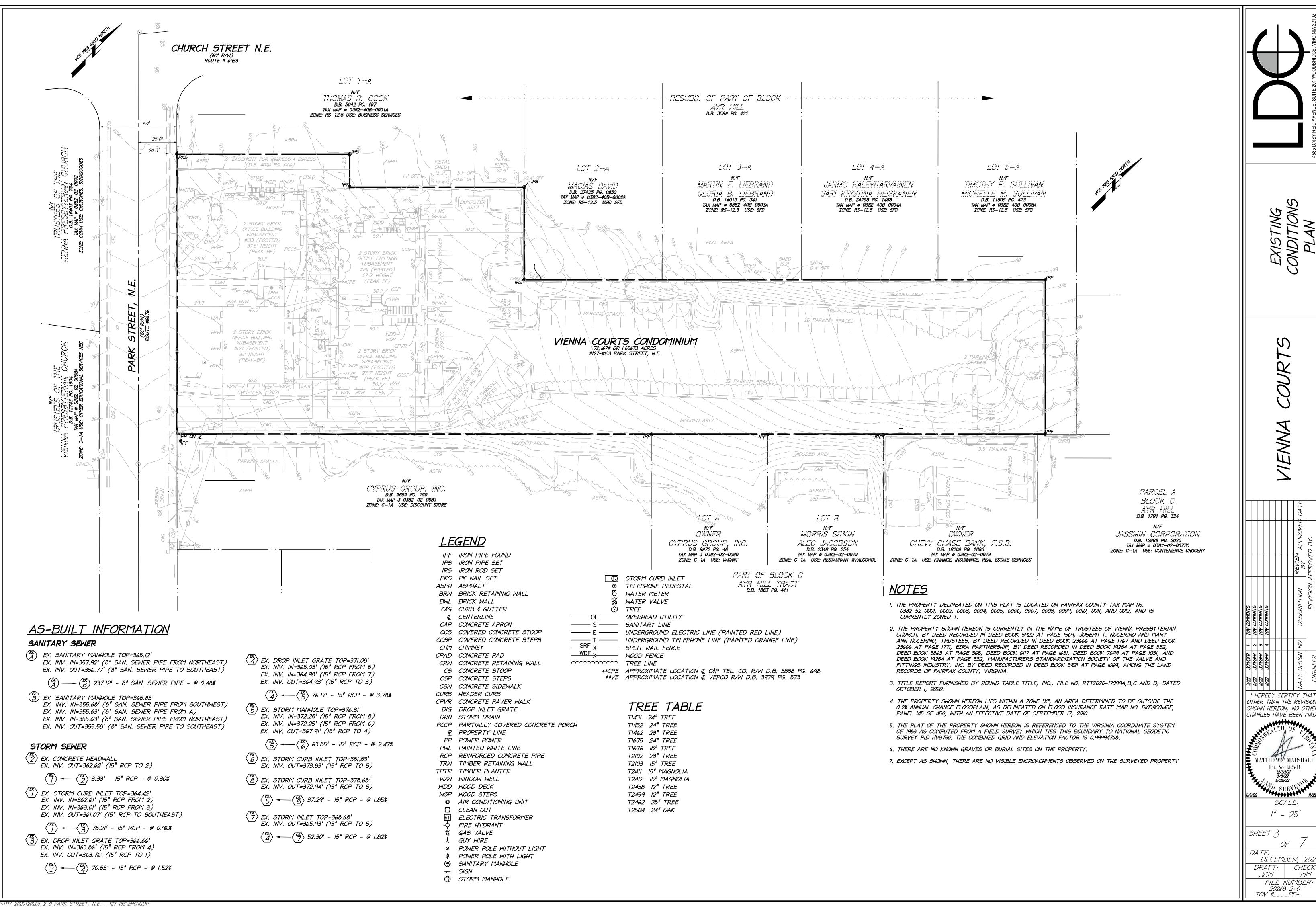
3/22 JCY/BFR 1 TOV COMMENTS
6/22 JCY/BFR 2 TOV COMMENTS
11/22 JCM/BFR 3 TOV COMMENTS
11/22 JCM/BFR 4 TOV COMMENTS I HEREBY CERTIFY THAT OTHER THAN THE REVISIONS SHOWN HEREON, NO OTHER CHANGES HAVE BEEN MADE.

MATTHEWY. MARSHALI
Lic. No. 1525-B
12/30/21
3/8/22
6/28/22
11/1/22
11/22

SCALE:

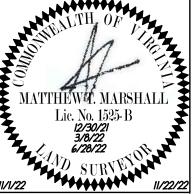
SHEET 2 OF

DECEMBER, 2021 CHECK: DRAFT: JCM MM FILE NUMBER: 20268-2-0 TOV #___PF-

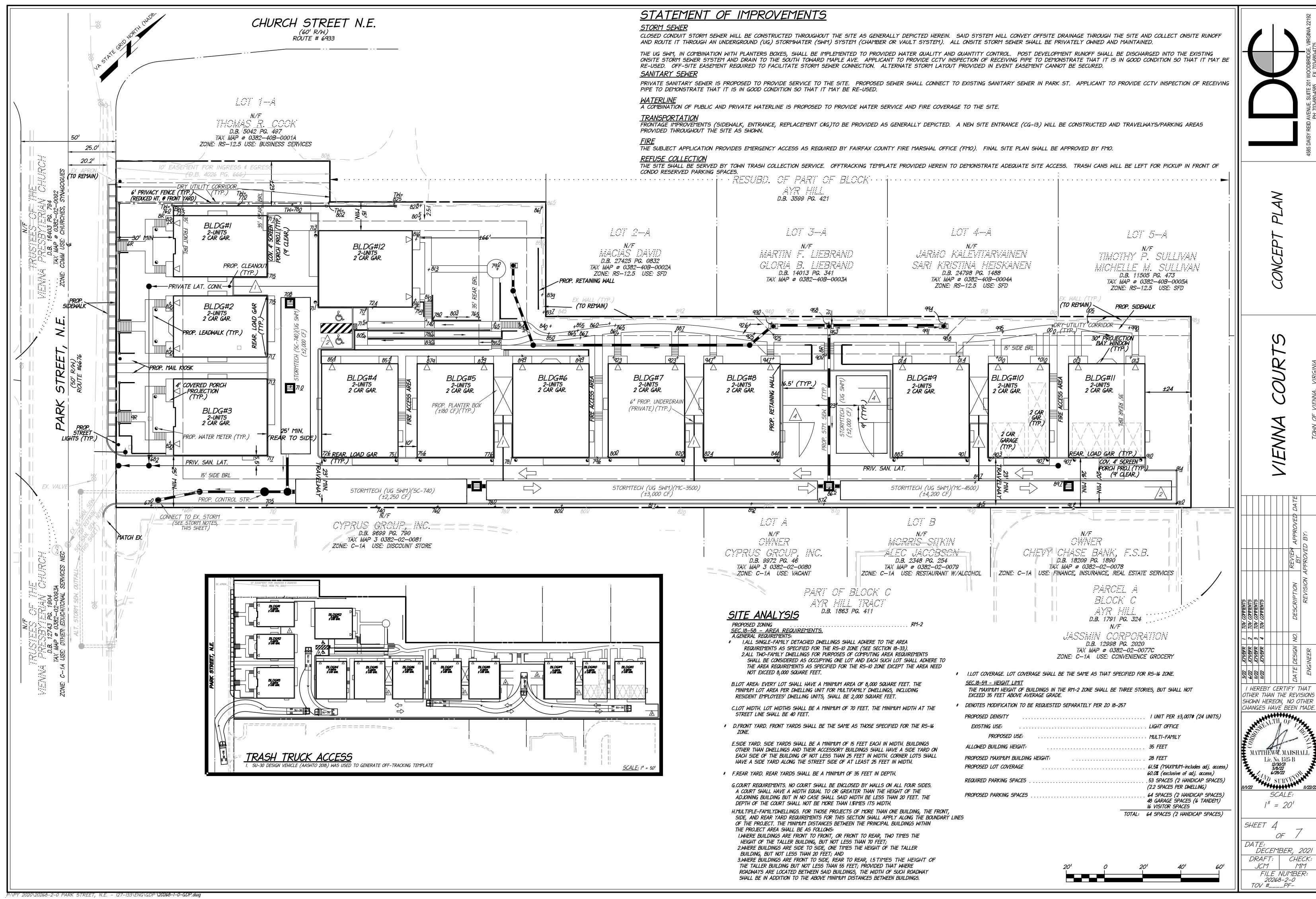


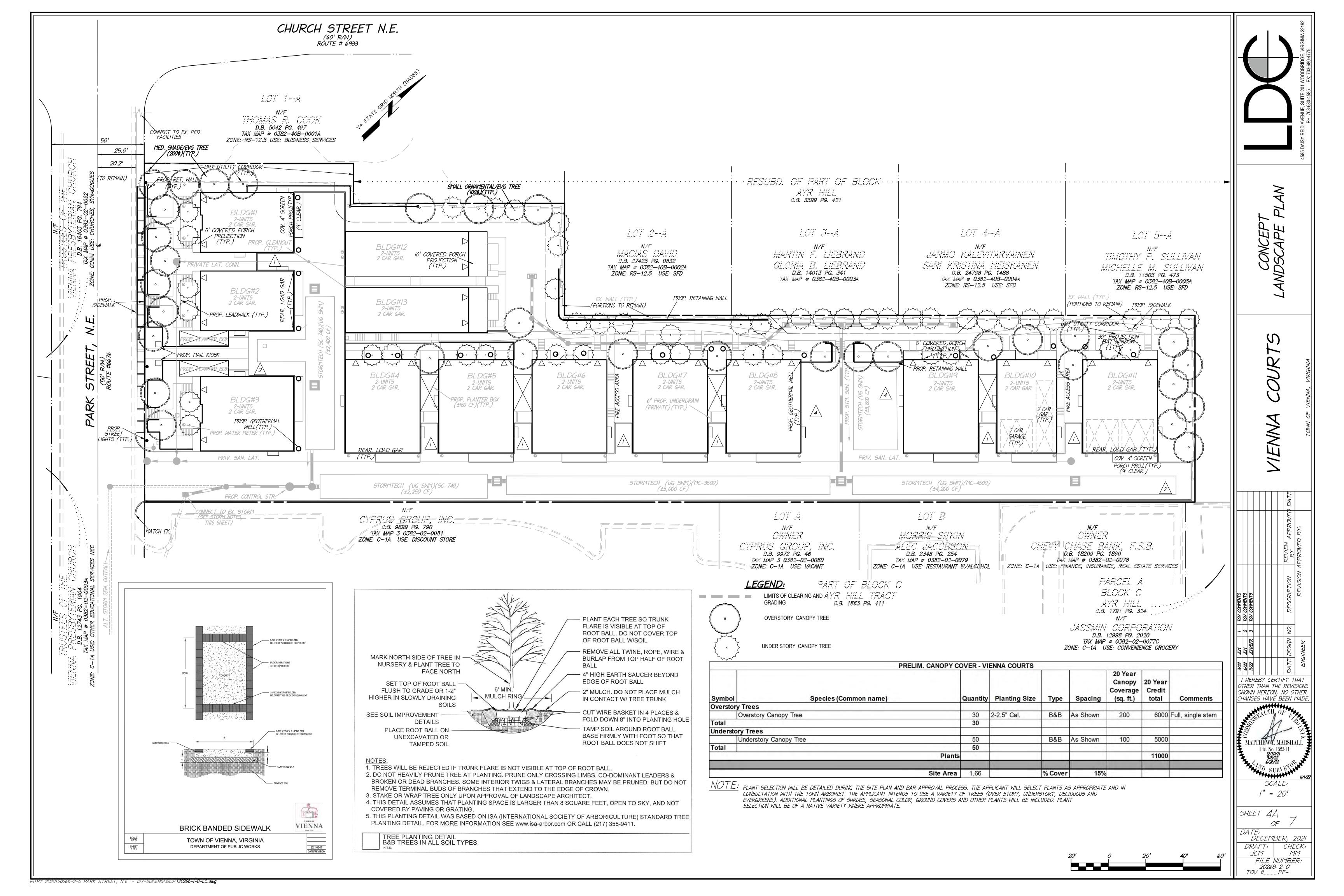
I HEREBY CERTIFY THAT OTHER THAN THE REVISIONS

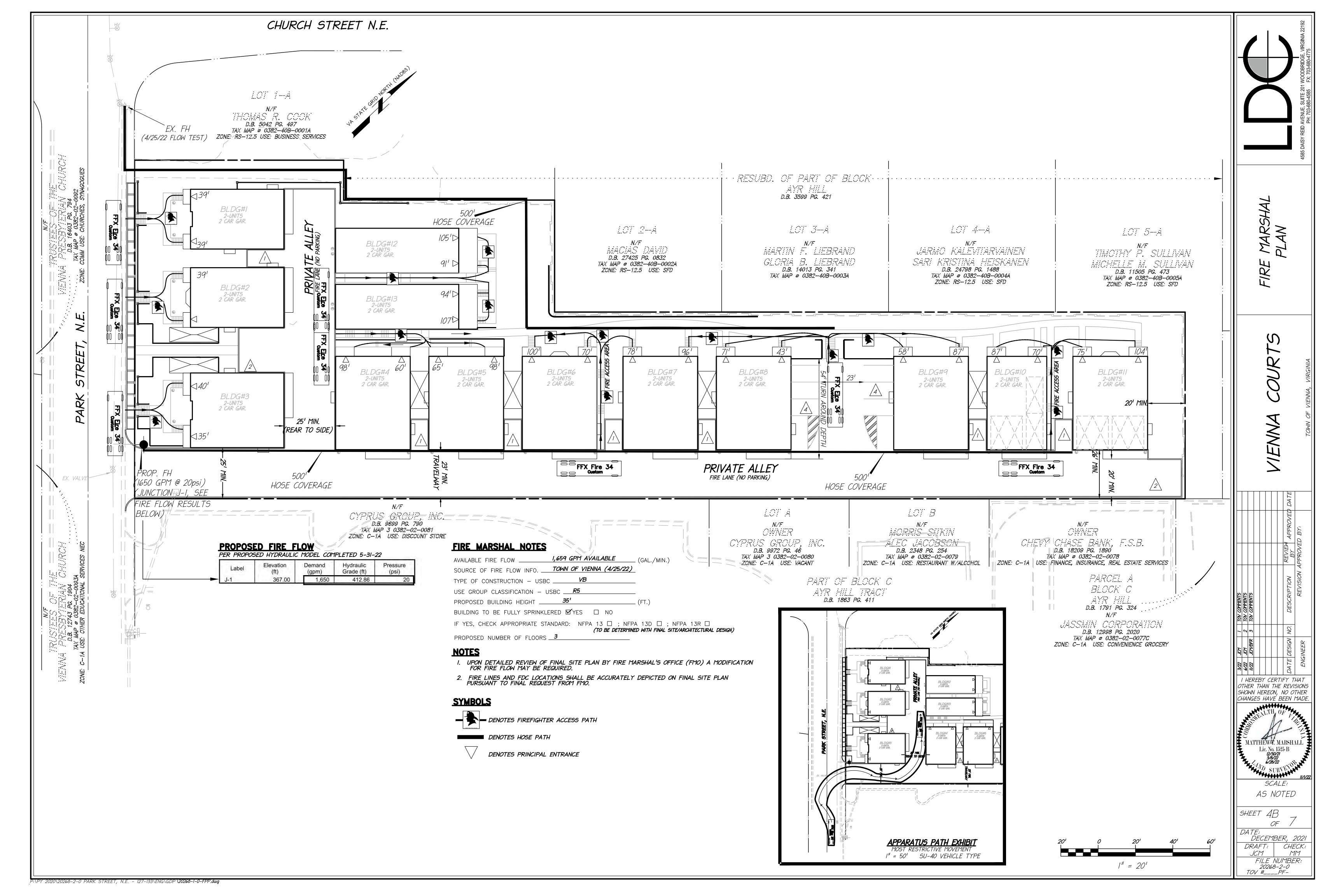
SHOWN HEREON, NO OTHER CHANGES HAVE BEEN MADE.



DECEMBER, 2021 CHECK: MM







o be used w/ DRAFT 2013 BMF	od ReDevelop Standards ar		A STATE OF THE PROPERTY OF THE PARTY OF THE		
ite Data					
roject Name: VIENNA COURTS ate: NOV., 2022					
ne. NOV., 2022					
	data input cells				
	calculation cells				
	Constant values				
ost-ReDevelopment Project &	Land Cover In	formation	Total [Disturbed Acreage	1.66
onstants					
nnual Rainfall (inches)	43				
rget Rainfall Event (inches)	1.00				
nosphorus EMC (mg/L) rget Phosphorus Target Load (lb/acre/yr)	0.26 0.41			Nitrogen EMC (mg/L)	1.86
rget i noophords farget Lodd (ib/dote/yt)	0.90				
e-ReDevelopment Land Cover (acres)	A soils	B Soils	C Soils	D Soils	Totals
rest/Open Space (acres) undisturbed,			2 2 1 2		
otected forest/open space or reforested land	0.00	0.00	0.00	0.00	0.00
anaged Turf (acres) disturbed, graded for irds or other turf to be mowed/managed	0.00	0.00	0.00	0.66	0.66
pervious Cover (acres)	0.00	0.00	0.00	1.00	1.00
				Total	1.66
ost-ReDevelopment Land Cover (acres)					
	A soils	B Soils	C Soils	D Soils	Totals
rest/Open Space (acres) undisturbed, otected forest/open space or reforested land	0.00	0.00	0.00	0.00	0.00
anaged Turf (acres) disturbed, graded for	0.00	0.00	0.00	0.00	0.00
rds or other turf to be mowed/managed	0.00	0.00	0.00	0.30	0.30
pervious Cover (acres)	0.00	0.00	0.00	1.36 Total	1.36 1.66
ea Check	Okay	Okay	Okay	Okay	1.00
Coefficients	A soils	B Soils	C Soils	D Soils	
rest/Open Space	0.02	0.03	0.04	0.05	
anaged Turf	0.15	0.20	0.22	0.25	
pervious Cover	0.95	0.95	0.95	0.95	
and Cover Summary	Listed	Adjusted ¹		Land Cover Summ	
e-ReDevelopment				Post-ReDevelopme Forest/Open Space	
rest/Open Space Cover (acres)	0.00	0.00		Cover (acres)	0.00
D. (61)	0.00	0.00		Composite	0.00
omposite Rv(forest) Forest	0.00	0.00		Rv(forest) % Forest	0.00
FULESI				Managed Turf	
Polest	200			Cover (acres)	0.30
naged Turf Cover (acres)	0.66				
anaged Turf Cover (acres) omposite Rv(turf)	0.25	0.25		Composite Rv(turf)	0.25 23%
anaged Turf Cover (acres) omposite Rv(turf) Managed Turf		0.25		Composite Rv(turf) % Managed Turf ReDev. Impervious	23%
anaged Turf Cover (acres) omposite Rv(turf) Managed Turf opervious Cover (acres)	0.25 40% 1.00	0.25 23% 1.00		Composite Rv(turf) % Managed Turf ReDev. Impervious Cover (acres)	1.00
anaged Turf Cover (acres) composite Rv(turf) Managed Turf spervious Cover (acres) r(impervious)	0.25 40% 1.00 0.95	0.25 23% 1.00 0.95		Composite Rv(turf) % Managed Turf ReDev. Impervious Cover (acres) Rv(impervious)	1.00 0.95
anaged Turf Cover (acres) Emposite Rv(turf) Managed Turf Expervious Cover (acres) Expervious Cover (acres) Expervious	0.25 40% 1.00	0.25 23% 1.00		Composite Rv(turf) % Managed Turf ReDev. Impervious Cover (acres)	1.00
anaged Turf Cover (acres) Emposite Rv(turf) Managed Turf Expervious Cover (acres) Expervious Cover (acres) Expervious Exp	0.25 40% 1.00 0.95 60%	0.25 23% 1.00 0.95 77%		Composite Rv(turf) % Managed Turf ReDev. Impervious Cover (acres) Rv(impervious) % Impervious Total ReDev. Site Area (acres)	1.00 0.95 77%
anaged Turf Cover (acres) composite Rv(turf) Managed Turf cover (acres) (impervious) Impervious otal Site Area (acres)	0.25 40% 1.00 0.95 60%	0.25 23% 1.00 0.95 77%		Composite Rv(turf) % Managed Turf ReDev. Impervious Cover (acres) Rv(impervious) % Impervious Total ReDev. Site	1.00 0.95 77%
anaged Turf Cover (acres) Emposite Rv(turf) Managed Turf Expervious Cover (acres) Expervious Cover (acres) Expervious	0.25 40% 1.00 0.95 60%	0.25 23% 1.00 0.95 77%		Composite Rv(turf) % Managed Turf ReDev. Impervious Cover (acres) Rv(impervious) % Impervious Total ReDev. Site Area (acres)	1.00 0.95 77%
anaged Turf Cover (acres) Emposite Rv(turf) Managed Turf Expervious Cover (acres) Expervious Cover (acres) Expervious Exp	0.25 40% 1.00 0.95 60%	0.25 23% 1.00 0.95 77%		Composite Rv(turf) % Managed Turf ReDev. Impervious Cover (acres) Rv(impervious) % Impervious Total ReDev. Site Area (acres) ReDev. Site Rv Post- ReDevelopment	1.00 0.95 77%
anaged Turf Cover (acres) Emposite Rv(turf) Managed Turf Expervious Cover (acres) Expervious Experv	0.25 40% 1.00 0.95 60% 1.66 0.67	0.25 23% 1.00 0.95 77% 1.30 0.79		Composite Rv(turf) % Managed Turf ReDev. Impervious Cover (acres) Rv(impervious) % Impervious Total ReDev. Site Area (acres) ReDev. Site Rv Post- ReDevelopment Treatment Volume	1.00 0.95 77% 1.30 0.79
anaged Turf Cover (acres) Emposite Rv(turf) Managed Turf Expervious Cover (acres) Expervious Cover (acres) Expervious Exp	0.25 40% 1.00 0.95 60%	0.25 23% 1.00 0.95 77% 1.30 0.79		Composite Rv(turf) % Managed Turf ReDev. Impervious Cover (acres) Rv(impervious) % Impervious Total ReDev. Site Area (acres) ReDev. Site Rv Post- ReDevelopment	1.00 0.95 77%
anaged Turf Cover (acres) Emposite Rv(turf) Managed Turf Expervious Cover (acres) Expervious Experv	0.25 40% 1.00 0.95 60% 1.66 0.67	0.25 23% 1.00 0.95 77% 1.30 0.79		Composite Rv(turf) % Managed Turf ReDev. Impervious Cover (acres) Rv(impervious) % Impervious Total ReDev. Site Area (acres) ReDev. Site Rv Post- ReDevelopment Treatment Volume (acre-ft) Post- ReDevelopment	1.00 0.95 77% 1.30 0.79
anaged Turf Cover (acres) amposite Rv(turf) Managed Turf pervious Cover (acres) (impervious) Impervious tal Site Area (acres) te Rv e-Development Treatment Volume (acre-ft)	0.25 40% 1.00 0.95 60% 1.66 0.67	0.25 23% 1.00 0.95 77% 1.30 0.79		Composite Rv(turf) % Managed Turf ReDev. Impervious Cover (acres) Rv(impervious) % Impervious Total ReDev. Site Area (acres) ReDev. Site Rv Post- ReDevelopment Treatment Volume (acre-ft) Post- ReDevelopment Treatment Volume	1.00 0.95 77% 1.30 0.79
anaged Turf Cover (acres) Emposite Rv(turf) Managed Turf Expervious Cover (acres) Expervious Experv	0.25 40% 1.00 0.95 60% 1.66 0.67	0.25 23% 1.00 0.95 77% 1.30 0.79		Composite Rv(turf) % Managed Turf ReDev. Impervious Cover (acres) Rv(impervious) % Impervious Total ReDev. Site Area (acres) ReDev. Site Rv Post- ReDevelopment Treatment Volume (acre-ft) Post- ReDevelopment	1.00 0.95 77% 1.30 0.79
naged Turf Cover (acres) mposite Rv(turf) Managed Turf pervious Cover (acres) (impervious) Impervious tal Site Area (acres) e Rv e-Development Treatment Volume (acre-ft)	0.25 40% 1.00 0.95 60% 1.66 0.67	0.25 23% 1.00 0.95 77% 1.30 0.79		Composite Rv(turf) % Managed Turf ReDev. Impervious Cover (acres) Rv(impervious) % Impervious Total ReDev. Site Area (acres) ReDev. Site Rv Post- ReDevelopment Treatment Volume (acre-ft) Post- ReDevelopment Treatment Volume (cubic feet) Post- ReDevelopment	1.00 0.95 77% 1.30 0.79
naged Turf Cover (acres) mposite Rv(turf) Managed Turf Dervious Cover (acres) (impervious) Impervious tal Site Area (acres) e Rv E-Development Treatment Volume (acre-ft) E-Development Treatment Volume (cubic feet)	0.25 40% 1.00 0.95 60% 1.66 0.67	0.25 23% 1.00 0.95 77% 1.30 0.79		Composite Rv(turf) % Managed Turf ReDev. Impervious Cover (acres) Rv(impervious) % Impervious Total ReDev. Site Area (acres) ReDev. Site Rv Post- ReDevelopment Treatment Volume (acre-ft) Post- ReDevelopment Treatment Volume (cubic feet) Post-	1.00 0.95 77% 1.30 0.79
enaged Turf Cover (acres) Emposite Rv(turf) Managed Turf pervious Cover (acres) (impervious) Impervious etal Site Area (acres) te Rv e-Development Treatment Volume (acre-ft) e-Development Load (TP) (lb/yr)	0.25 40% 1.00 0.95 60% 1.66 0.67 0.0929	0.25 23% 1.00 0.95 77% 1.30 0.79	Maximum 1/ D	Composite Rv(turf) % Managed Turf ReDev. Impervious Cover (acres) Rv(impervious) % Impervious Total ReDev. Site Area (acres) ReDev. Site Rv Post- ReDevelopment Treatment Volume (acre-ft) Post- ReDevelopment Treatment Volume (cubic feet) Post- ReDevelopment Load (TP) (lb/yr)	1.00 0.95 77% 1.30 0.79
e-Development Treatment Volume (cubic feet) e-Development Load (TP) (lb/yr) djusted Land Cover Summary reflects the polygon position in page 1.5 mp.	0.25 40% 1.00 0.95 60% 1.66 0.67 0.0929 4,047 2.54	0.25 23% 1.00 0.95 77% 1.30 0.79		Composite Rv(turf) % Managed Turf ReDev. Impervious Cover (acres) Rv(impervious) % Impervious Total ReDev. Site Area (acres) ReDev. Site Rv Post- ReDevelopment Treatment Volume (acre-ft) Post- ReDevelopment Treatment Volume (cubic feet) Post- ReDevelopment	1.00 0.95 77% 1.30 0.79
e-Development Treatment Volume (cubic feet) e-Development Load (TP) (lb/yr) djusted Land Cover Summary reflects the production of the product of the produ	0.25 40% 1.00 0.95 60% 1.66 0.67 0.0929 4,047 2.54 re redevelopment fopen space or flows cover. The	0.25 23% 1.00 0.95 77% 1.30 0.79		Composite Rv(turf) % Managed Turf ReDev. Impervious Cover (acres) Rv(impervious) % Impervious Total ReDev. Site Area (acres) ReDev. Site Rv Post- ReDevelopment Treatment Volume (acre-ft) Post- ReDevelopment Treatment Volume (cubic feet) Post- ReDevelopment Load (TP) (lb/yr)	23% 1.00 0.95 77% 1.30 0.79 0.0854 3,721
e-Development Treatment Volume (cubic feet) e-Development Load (TP) (lb/yr) djusted Land Cover Summary reflects the production of the product of the produ	0.25 40% 1.00 0.95 60% 1.66 0.67 0.0929 4,047 2.54 re redevelopment lopen space or rious cover. The Redevelopment	0.25 23% 1.00 0.95 77% 1.30 0.79	Pr TP Load Ro	Composite Rv(turf) % Managed Turf ReDev. Impervious Cover (acres) Rv(impervious) % Impervious Total ReDev. Site Area (acres) ReDev. Site Rv Post- ReDevelopment Treatment Volume (acre-ft) Post- ReDevelopment Treatment Volume (cubic feet) Post- ReDevelopment Load (TP) (lb/yr) duction Required Below re-ReDevelopment Load	23% 1.00 0.95 77% 1.30 0.79 0.0854 3,721 2.34
enaged Turf Cover (acres) Emposite Rv(turf) Managed Turf Expervious Cover (acres) Equipment Site Area (acres) Expervious e-Development Treatment Volume (acre-ft) e-Development Load (TP) (lb/yr) djusted Land Cover Summary reflects the prind cover minus the pervious land cover (forest	0.25 40% 1.00 0.95 60% 1.66 0.67 0.0929 4,047 2.54 re redevelopment (open space or rious cover). The load	0.25 23% 1.00 0.95 77% 1.30 0.79	Pr TP Load Ro	Composite Rv(turf) % Managed Turf ReDev. Impervious Cover (acres) Rv(impervious) % Impervious Total ReDev. Site Area (acres) ReDev. Site Rv Post- ReDevelopment Treatment Volume (acre-ft) Post- ReDevelopment Treatment Volume (cubic feet) Post- ReDevelopment Load (TP) (lb/yr)	23% 1.00 0.95 77% 1.30 0.79 0.0854 3,721 2.34
e-Development Treatment Volume (cubic feet) e-Development Load (TP) (lb/yr) djusted Land Cover Summary reflects the production of the provious land cover (forest anaged turf) acreage proposed for new impervious could cover equipment to the provious land cover (forest anaged turf) acreage is consistent with the Post reage (minus the acreage of new impervious coulduction requriement for the new impervious coulduction requirement for the new impervious could require the requirement for the new impervious could requirement for the new impervious could require the requirement for the new i	0.25 40% 1.00 0.95 60% 1.66 0.67 0.0929 4,047 2.54 re redevelopment (open space or rious cover). The load	0.25 23% 1.00 0.95 77% 1.30 0.79	TP Load Re	Composite Rv(turf) % Managed Turf ReDev. Impervious Cover (acres) Rv(impervious) % Impervious Total ReDev. Site Area (acres) ReDev. Site Rv Post- ReDevelopment Treatment Volume (acre-ft) Post- ReDevelopment Treatment Volume (cubic feet) Post- ReDevelopment Coubic feet)	23% 1.00 0.95 77% 1.30 0.79 0.0854 3,721 2.34 20%
e-Development Treatment Volume (cubic feet) e-Development Load (TP) (lb/yr) djusted Land Cover Summary reflects the production of the provious land cover (forest anaged turf) acreage proposed for new impervious land cover (minus the acreage of new impervious of the provious land cover minus the acreage of new impervious of the provious land cover minus the acreage of new impervious of the provious land cover minus the acreage of new impervious of the provious land cover minus the acreage of new impervious of the provious land cover minus the acreage of new impervious of the provious land cover minus the acreage of new impervious of the provious land cover minus the acreage of new impervious of the provious land cover minus the acreage of new impervious of the provious land cover minus the acreage of new impervious of the provious land cover minus the acreage of new impervious of the provious land cover minus the acreage of new impervious of the provious land cover minus the acreage of new impervious of the provious land cover minus the acreage of new impervious of the provious land cover minus the acreage of new impervious of the provious land cover minus the acreage of new impervious of the provious land cover minus the acreage of new impervious of the provious land cover minus the acreage of new impervious of the provious land cover minus the provious land cove	0.25 40% 1.00 0.95 60% 1.66 0.67 0.0929 4,047 2.54 re redevelopment (open space or rious cover). The load	0.25 23% 1.00 0.95 77% 1.30 0.79	TP Load Re	Composite Rv(turf) % Managed Turf ReDev. Impervious Cover (acres) Rv(impervious) % Impervious Total ReDev. Site Area (acres) ReDev. Site Rv Post- ReDevelopment Treatment Volume (acre-ft) Post- ReDevelopment Treatment Volume (cubic feet) Post- ReDevelopment Load (TP) (lb/yr) duction Required Below re-ReDevelopment Load	23% 1.00 0.95 77% 1.30 0.79 0.0854 3,721 2.34 20%
e-Development Treatment Volume (cubic feet) e-Development Load (TP) (lb/yr) djusted Land Cover Summary reflects the production of the provious land cover (forest anaged turf) acreage proposed for new impervious could cover equipment to the provious land cover (forest anaged turf) acreage is consistent with the Post reage (minus the acreage of new impervious coulduction requriement for the new impervious coulduction requirement for the new impervious could require the requirement for the new impervious could requirement for the new impervious could require the requirement for the new i	0.25 40% 1.00 0.95 60% 1.66 0.67 0.0929 4,047 2.54 re redevelopment (open space or rious cover). The load	0.25 23% 1.00 0.95 77% 1.30 0.79	TP Load Re	Composite Rv(turf) % Managed Turf ReDev. Impervious Cover (acres) Rv(impervious) % Impervious Total ReDev. Site Area (acres) ReDev. Site Rv Post- ReDevelopment Treatment Volume (acre-ft) Post- ReDevelopment Treatment Volume (cubic feet) Post- ReDevelopment Load (TP) (lb/yr) duction Required Below e-ReDevelopment Load eduction Required for developed Area (lb/yr)	23% 1.00 0.95 77% 1.30 0.79 0.0854 2.34 20%
e-Development Treatment Volume (cubic feet) e-Development Load (TP) (lb/yr) djusted Land Cover Summary reflects the part of cover minus the pervious land cover (forest maged turf) acreage proposed for new impervious could cover minus the acreage of new impervious cover minus the	0.25 40% 1.00 0.95 60% 1.66 0.67 0.0929 4,047 2.54 re redevelopment (open space or rious cover). The load	0.25 23% 1.00 0.95 77% 1.30 0.79 0.0854	TP Load Rec	Composite Rv(turf) % Managed Turf ReDev. Impervious Cover (acres) Rv(impervious) % Impervious Total ReDev. Site Area (acres) ReDev. Site Rv Post- ReDevelopment Treatment Volume (acre-ft) Post- ReDevelopment Treatment Volume (cubic feet) Post- ReDevelopment Load (TP) (lb/yr) duction Required Below e-ReDevelopment Load eduction Required for developed Area (lb/yr)	23% 1.00 0.95 77% 1.30 0.79 0.0854 3,721 2.34 20% 0.47

Drainage Area A							
Drainage Area A Land Cover (acres)							
	A soils	B Soils	C Soils	D Soils	Totals	Land Cover Rv	
Forest/Open Space (acres) undisturbed, protected forest/open space or reforested land	0.00	0.00	0.00	0.00	0.00	0.00	
Managed Turf (acres) disturbed, graded for yards or other turf to be mowed/managed	0.00	0.00	0.00	0.36	0.36	0.25	
mpervious Cover (acres)	0.00	0.00	0.00	1.30	1.30	0.95	
				Total	1.66		Post Development Treatment Volume (cf) 481

Apply Runoff Reduction Practices to Reduce T	reatment Volume & Po	st-Development Loa	d in Drain	age Area A									
Credit	Unit	Description of Credit	Credit	Credit Area (acres)	Volume from Upstream RR Practice (cf)	Runoff Reduction (cf)			Phosphorus Load from Upstream RR Practices (lbs)	Untreated Phosphorus Load to Practice (lbs.)	Phosphorus Removed By Practice (lbs.)	Phosphorus	Downstream Treatment to be Employed
2. Rooftop Disconnection				_									
2.i. To Stormwater Planter (Urban Bioretention) (Spec #9, Appendix A)	impervious acres disconnected	40% runoff volume reduction for treated area	0.40	0.28	0	386	579	25	0.0	0.6	1 0.33	0.27	7 14. Manufactured Device

14. Manufactured BMP													
	impervious acres draining to device	0% runoff volume reduction	0.00	0.88	579.35	0	3614	40	0.27	1.90	0.87	1.31	
STORMTECH	turf acres draining to device	0% runoff volume reduction	0.00	0.25	0.00	0	862	40	0.00	0.14	0.06	0.09	

		0.28	TOTAL IMPERVIOUS COVER TREATED (ac)					
		0.00	TREATED (ac)					
		K.	AREA CHECK O					
1.10	D ON SITE (lb/yr)	OVAL REQUIRE	SPHOROUS REMO	TOTAL PHOS				
386	ION IN D.A. A (cf)	NOFF REDUCT	TOTAL RU					
0.33	S IN D.A. A (lb/yr)	ION PRACTICE	RUNOFF REDUCTI	REMOVAL FROM R	PHOSPHORUS			

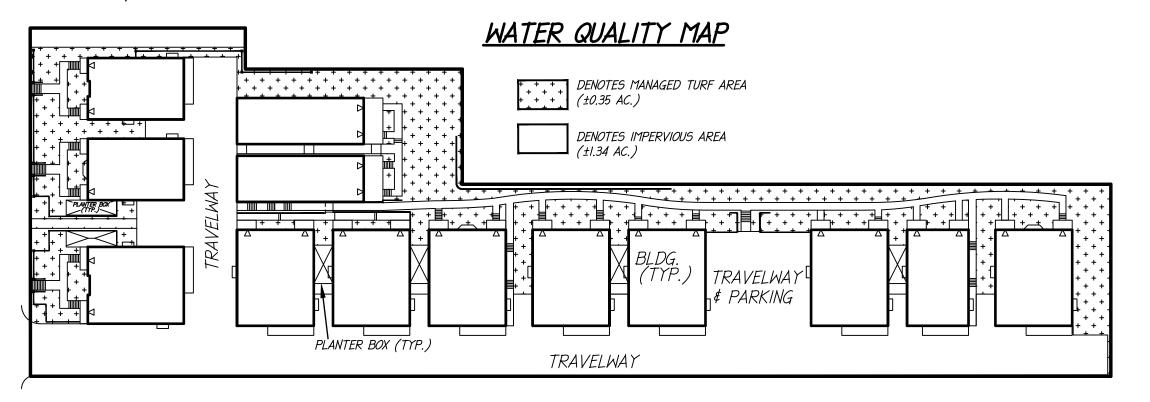
Site Results						
	D.A. A	D.A. B	D.A. C	D.A. D	D.A. E	AREA CHECK
IMPERVIOUS COVER	1.36	0.00	0.00	0.00	0.00	OK.
IMPERVIOUS COVER TREATED	1.16	0.00	0.00	0.00	0.00	OK.
TURF AREA	0.30	0.00	0.00	0.00	0.00	OK.
TURF AREA TREATED	0.25	0.00	0.00	0.00	0.00	OK.
AREA CHECK	OK.	OK.	OK.	OK.	OK.	
Phosphorous						
TOTAL PHOSPHOROUS LOAD REDUCTION REQUIRED (LB/YEAR)	1.10					
RUNOFF REDUCTION (cf)	386					
PHOSPHOROUS LOAD REDUCTION ACHIEVED (LB/YR)	1.26					
ADJUSTED POST-DEVELOPMENT PHOSPHOROUS LOAD (TP) (lb/yr)	1.86					

Drainage Area A		A soils	B Soils	C Soils	D Soils	
Forest/Open Space undisturbed, protected forest/open	Area (acres)	0.00	0.00	0.00	0.00	
space or reforested land	CN	30	55	70	77	
Managed Turf disturbed, graded for yards or other turf to	be Area (acres)	0.00	0.00	0.00	0.30	
mowed/managed	CN	39	61	74	80	
	Area (acres)	0.00	0.00	0.00	1.36	
Impervious Cover	CN	98	98	98	98	
					Weighted CN	S
					95	0.53

SWM NARRATIVE

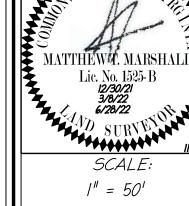
WATER QUANTITY AND QUALITY REQUIREMENTS WILL BE SATISFIED ONSITE THROUGH A COMBINATION OF PLANTER BOXES AND UG SWM. THE UG SWM IS AN ASSUMED MANUFACTURED TREATMENT DEVICE WITH A PHOSPHOROUS REMOVAL EFFICIENCY OF 40%. WATER QUALITY COMPLIANCE WAS BASED ON RE-DEVELOPMENT REQUIREMENTS. APPLICANT RESERVES THE RIGHT TO PURCHASE NUTRIENT CREDITS IN THE EVENT CRITERIA CANNOT BE MET ONSITE PURSUANT TO FINAL ENGINEERING AND DESIGN.

CHANNEL AND FLOOD PROTECTION ARE PROVIDED ONSITE AS WELL. FOR WATER QUANTITY PURPOSES, REQUIRED REDUCTIONS WERE BASED ON SITE RUNOFF GENERATED FROM SITE IN ITS CURRENT CONDITION; DEVELOPED WITH 4 BUILDINGS AND OVER 100 PARKING SPACES AND NOT FROM A GOOD, FORESTED CONDITION.

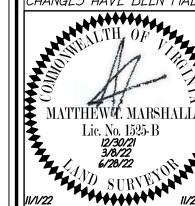




								DATE	
								APPROVED DATE	D BY:
								REVIEW BY	4 <i>PPROVE</i>
TOV COMMENTS	2 TOV COMMENTS	II/22 JCH/BFR 3 TOV COMMENTS						DESCRIPTION	REVISION APPROVED BY:
/	7	3						NO.	
KCH	6/22 JCM	JCN/BFR						DATE DESIGN NO.	ENGINEER
372 JCM	6/22	11/22						DATE	ENG
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SHEET 5 OF 1 DECEMBER, 2021 DRAFT: CHECK: JCM MM FILE NUMBER: 20268-2-0 TOV #___PF-



SCALE:

SHEET 6 OF 7

DATE:
DECEMBER, 2021

DRAFT: CHECK:
JCM MM

FILE NUMBER:
20268-2-0
TOV #____PF-

"A" NORTH ELEVATION @ GARDEN ALLEY

scale 1:150



"B" ELEVATION @ LAWN

scale 1:150



"C" ELEVATION @ PARK STREET NE

scale 1:150

I HEREBY CERTIFY THAT OTHER THAN THE REVISIONS SHOWN HEREON, NO OTHER CHANGES HAVE BEEN MADE.

SCALE: As noted

SHEET 7 OF 7

DATE:
DECEMBER, 2021 DRAFT: CHECK: JCM MM

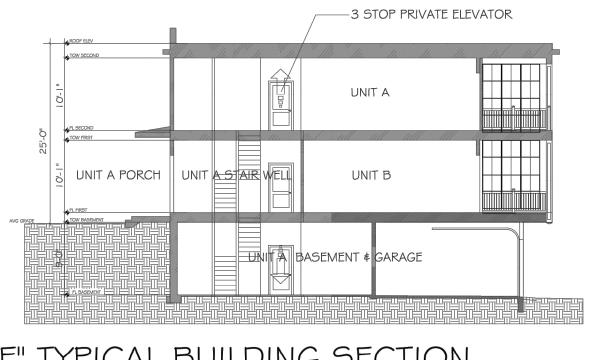
FILE NUMBER:

20268-2-0

TOV #___PF-

-----2 STOP PRIVATE ELEVATOR UNIT B PORCH UNIT B BASEMENT & GARAGE "E" TYPICAL BUILDING SECTION

scale 1:150



"F" TYPICAL BUILDING SECTION

scale 1:150



"G" TYPICAL SIDE ELEVATION

scale 1:150

"D" TYPICAL REAR ELEVATION scale 1:150

CHURCH ST NE

