APPLICATION

DEVELOPMENT SPECIAL USE PERMIT with SITE PLAN

DS	SUP #		Project Name:	West End, Block D
PROPERTY L	OCATION:	6025 Duke Stree	et	
TAX MAP RE	FERENCE:	047.02-03-12		ZONE: CDD #29
APPLICANT:				
Name:	Landmark l	and Holdings LLC		
Address:				
PROPERTY C	WNER:			
Name:	Same as Ap	oplicant		
Address:				
		Applicant requ	iests a DSUP appro	val of a 275-unit work force housing
multifamily bui				
MODIFICATIO	ONS REQUI	ESTED Provide 20	% crown coverage ins	tead of the required 25% (ZO Section 11-410)
SUP's REQUI	ESTED Park	king reduction		
THE UI Alexandria to pos B) of the 1992 Zo THE UI Irawings, etc., re	NDERSIGNE st placard notice oning Ordinance NDERSIGNE quired of the ap Megan C. Rappo	D , having obtained pose on the property for view of the City of Alexa D also attests that al	which this application is ndria, Virginia. I of the information here ect and accurate to the	erty owner, hereby grants permission to the City of requested, pursuant to Article XI, Section 11-301 sin provided and specifically including all surveys, best of his/her knowledge and belief. Fax #
714)		—	June 27, 20	
			Date	
		DO NOT WRITE I	N THIS SPACE - OFF	ICE USE ONLY
Application Rece	ived:			ans for Completeness:
Fee Paid and Da	.te:		Received P	lans for Preliminary:
ACTION - PLAN	NING COMMISS	ION:		
10TION OF	COLINICIL			

Development SUP #	
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ALL APPLICANTS MUST COMPLETE THIS FORM.

Supplemental forms are required for child care facilities, restaurants, automobile oriented uses and freestanding signs requiring special use permit approval.

1.		t is: (check one) Contract Purchaser erty.	OLessee or	Other:	of
applicathan th		s and percent of ownership o tity is a corporation or partne	• •	•	
or othe	er person for whic	licant is being represented be h there is some form of com- ave a business license to op	pensation, does th	nis agent or the bu	siness in which
XO Ye	•	of current City business lice Ill obtain a business license p		ation, if required b	y the City

OWNERSHIP AND DISCLOSURE STATEMENT

Use additional sheets if necessary

<u>1. Applicant.</u> State the name, address and percent of ownership of any person or entity owning an interest in the applicant, unless the entity is a corporation or partnership, in which case identify each owner of more than three percent. The term ownership interest shall include any legal or equitable interest held at the time of the application in the real property which is the subject of the application.

Name	Address	Percent of Ownership
1. See Attached		
2.		
3.		

<u>2. Property.</u> State the name, address and percent of ownership of any person or entity owning an interest in the property located at <u>5801 Duke Street</u> (address), unless the entity is a corporation or partnership, in which case identify each owner of more than three percent. The term ownership interest shall include any legal or equitable interest held at the time of the application in the real property which is the subject of the application.

Name	Address	Percent of Ownership
1. See Attached		
2.		
3.		

3. BusinessorFinancialRelationships. Each person or entity listed above (1 and 2), with an ownership interest in the applicant or in the subject property is required to disclose any business or financial relationship, as defined by Section 11-350 of the Zoning Ordinance, existing at the time of this application, or within the12-month period prior to the submission of this application with any member of the Alexandria City Council, Planning Commission, Board of Zoning Appeals or either Boards of Architectural Review.

Name of person or entity	Relationship as defined by	Member of the Approving
	Section 11-350 of the Zoning	Body (i.e. City Council,
	Ordinance	Planning Commission, etc.)
^{1.} See Attached	None	None
2.		
3.		

NOTE: Business or financial relationships of the type described in Sec. 11-350 that arise after the filing of this application and before each public hearing must be disclosed prior to the public hearings.

As the applicant or the applicant's authorized agent, I hereby attest to the best of my ability that the information provided above is true and correct.

June 27, 2025	Kenneth W. Wire, Megan Rappolt Wire Gill LLP	Kanthalin mpyper
Date	Printed Name	Signature

West End Block D Development Special Use Permit Disclosure Attachment

Applicant and Owner:

Landmark Land Holdings LLC



The following individuals own more than a 3% interest in the Applicant/Owner entity:

Bryan F. Foulger Clayton F. Foulger Brent K. Pratt

Entities with Ownership interest in Applicant and Owner:

1) Foulger-Pratt



2) Landmark Mall LLC

Landmark Mall LLC is wholly owned by the Howard Research and Development Corporation. The Howard Research and Development Corporation is wholly owned by Howard Hughes Corporation, a publicly traded corporation listed on the New York Stock Exchange.

3) Seritage SRC Finance LLC

Seritage SRC Finance LLC is wholly owned by Seritage SRC Mezzanine Finance LLC. Seritage SRC Mezzanine Finance LLC is wholly owned by Seritage Growth Properties, L. P. which is a publicly traded real estate investment trust company traded on the New York Stock Exchange.

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2. Narrative description. The applicant shall describe below the nature of the request **in detail** so that the Planning Commission and City Council can understand the nature of the operation and the use, including such items as the nature of the activity, the number and type of patrons, the number of employees, the hours, how parking is to be provided for employees and patrons, and whether the use will generate any noise. If not appropriate to the request, delete pages 6-9. (Attach additional sheets if necessary.)

The Applicant requests approval of a Development Special Use Permit to construct an work force housing multifamily residential building with 275 units on the property known as West End Block D. The Applicant agrees to provide 80% of the units between 80% and 120% AMI. All the unit will be income restricted. Workforce housing is called for in the Landmark Van Dorn SAP and development agreement as part of the redevelopment of Landmark Mall. The Applicant's proposal is consistent with this plan guidance and development agreement.

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3.	How many patrons, clients, pupils and other such users do you expect? Specify time period (i.e., day, hour, or shift).				
	Typical number of residents for a 275 multifamily building				
4.	How many employees, staff and other personnel do you expect? Specify time period (i.e. day, hour, or shift). N/A				
5.	Describe the proposed hours and days of operation of the proposed use:				
	Day Hours Day Hours 24 hour residential				
6.	Describe any potential noise emanating from the proposed use:				
	A. Describe the noise levels anticipated from all mechanical equipment and patrons. Typical for a 275-unit multifamily building				
	B. How will the noise from patrons be controlled? Property management				
7.	Describe any potential odors emanating from the proposed use and plans to control them:				
	None anticipated				

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8.	Provide information regarding trash and litter generated by the use:
	A. What type of trash and garbage will be generated by the use?
	Typical for a 275-unit multifamily building
	B. How much trash and garbage will be generated by the use? Typical for a 275-unit multifamily building
	C. How often will trash be collected? As needed; one to two times per week.
	D. How will you prevent littering on the property, streets and nearby properties? Property management.
9.	Will any hazardous materials, as defined by the state or federal government, be handled, stored, or generated on the property?
	☐Yes. ✓ No.
	If yes, provide the name, monthly quantity, and specific disposal method below:
10.	Will any organic compounds (for example: paint, ink, lacquer thinner, or cleaning or degreasing solvent) be handled, stored, or generated on the property?
	✓ Yes. No.
	If yes, provide the name, monthly quantity, and specific disposal method below:

Typical retail and residential cleaning and building maintenance supplies.

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11.	What methods are proposed	o e sure the safety of reside	s, employees
	and patrons?		

Property management.

ALCOHOL SALES

12.	Will the proposed	use include the sale of	beer, wine or mixed drinks?
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Yes. V No.

If yes, describe alcohol sales below, including if the ABC license will include on-premises and/ or off-premises sales. Existing uses must describe their existing alcohol sales and/or service and identify any proposed changes in that aspect of the operation.

PARKING AND ACCESS REQUIREMENTS

13. Provide information regarding the availability of off-street parking:

- A. How many parking spaces are required for the proposed use pursuant to section 8-200 (A) of the zoning ordinance?

 327
- B. How many parking spaces of each type are provided for the proposed use:

Standard spaces
 Compact spaces
 Handicapped accessible spaces
 Other

C.	Where is required parking located? (check one) von-site off-site
	If the required parking will be located off-site, where will it be located?
	Pursuant to section 8-200 (C) of the zoning ordinance, commercial and industrial uses may provide off-site parking within 500 feet of the proposed use, provided that the off-site parking is located on land zoned for commercial or industrial uses. All other uses must provide parking on-site, except that off-street parking may be provided within 300 feet of the use with a special use permit.
D.	If a reduction in the required parking is requested, pursuant to section 8-100 (A) (4) or (5) of the zoning ordinance, complete the Parking Reduction Supplemental
	Application. *Parking reduction supplemental application filed under
Provi	separate cover* de information regarding loading and unloading facilities for the use:
A.	How many loading spaces are required for the use, per section 8-200 (B) of the
	zoning ordinance? 0
B.	How many loading spaces are available for the use? 2
C.	Where are off-street loading facilities located? On ground floor of building
D.	During what hours of the day do you expect loading/unloading operations to occur?
AS PE	ermitted by noise ordinance
E.	How frequently are loading/unloading operations expected to occur, per day or per week, as appropriate?
After	initial lease up, the loading space use will be infrequent

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15. Is street access to the subject property adequate or are any street improvements, such as a new turning lane, necessary to minimize impacts on traffic flow?

Site access determined as adequate in CDD approval

14.

SUP#	



APPLICATION - SUPPLEMENTAL

PARKING REDUCTION

Supplemental information to be completed by applicants requesting special use permit approval of a reduction in the required parking pursuant to section 8-100(A)(4) or (5).

1. Describe the requested parking reduction. (e.g. number of spaces, stacked parking, size, off-site location)
The Applicant requests a parking reduction in order to provide 210 parking spaces where
327 are required. See DSUP Plans.
2. Provide a statement of justification for the proposed parking reduction.
The Applicant requests a parking reduction of approximately 117 residential parking spaces. The Applicant is not
able to build underground parking due to the small size of the site and requirements of the approved CDD. The Applicant also seeks to right-size parking in consideration of the future West End Transitway BRT and the urban/
walkable nature of the CDD development. If the West End Transitway were operational, 292 parking spaces would
be required. Additionally, there is adequate street parking and a shared commercial parking garage at Blocks E/G.
3. Why is it not feasible to provide the required parking? The Applicant cannot build an additional level of underground parking due to development and site constraints.
4. Will the proposed reduction reduce the number of available parking spaces below the number of existing parking spaces?
Yes. V No.
5. If the requested reduction is for more than five parking spaces, the applicant must submit a Parking
Management Plan which identifies the location and number of parking spaces both on-site and off-site, the
availability of on-street parking, any proposed methods of mitigating negative affects of the parking reduction.

Last updated: 11.4.2019

surrounding neighborhood.

6. The applicant must also demonstrate that the reduction in parking will not have a negative impact on the

WEST END

PRELIMINARY SITE PLAN - BLOCK D

CITY OF ALEXANDRIA, VIRGINIA

DATE: JUNE 26, 2025

5

VICINITY MAP

SCALE: 1"=500'

N BEAURECARE

PROJECT TEAM

APPLICANT/OWNER LANDMARK LAND HOLDINGS LLC 12435 PARK POTOMAC AVE

SHITE 200 POTOMAC, MD TEL. 240-750-6881 CONTACT: RUDY KNOTT

CIVIL ENGINEER

4200D TECHNOLOGY COURT CHANTILLY VA 20151 TEL. 703-376-4221 CONTACT: CLAYTON TOCK, P.E.

TRAFFIC ENGINEER

GOROVE SLADE

225 REINEKERS LANE SUITE 750 ALEXANDRIA, VA 22314

CONTACT: ROBERT SCHIESEL, P.E.

WASHINGTON, D.C. 20036 TEL. 202-857-9720 CONTACT: BRUNO P. CARVALHO, ASLA, AICP

ATTORNEY

WIRE GILL LLP 700 NORTH FAIRFAX STREET SUITE 600 ALEXANDRIA, VA 22314 TE. 703-677-3129 CONTACT: KENNETH WIRE

ARCHITECT

PARKFOWLER PLUS 625 W ADAMS ST, 19TH FLOOR CHICAGO, IL 60661 (312)374-2060 CONTACT: BRAD FOWLER

UTILITY ENGINEER

DAVIS UTILITY CONSULTING, LLC 3975 FAIR RIDGE DRIVE SUITE 125-SOUTH FAIRFAX VA 22033 CONTACT: DAVID GRAHAM

LANDSCAPE ARCHITECT

1025 CONNECTICUT AVENUE, NW SUITE 1000

AREA TABULATIONS: PARKING TABULATIONS:

BLOCK D (LOT 702) LOT AREA = 1.45 AC. 63.315 SF TOTAL DEVELOPMENT AREA = 1.45 AC. 63,315 SF.

TOTAL DISTURBED AREA = 1.59 AC. 69,243 SF.

ZONING TABULATIONS:

ON-SITE LOCATIONS / ADDRESSES: T.M. #047.02-03-12 / 5801 DUKE ST. ALEXANDRIA, VA 22304

TOTAL SITE/LOT AREAS: 63,315 SF OR 1.45 ACRES

CDD #29 (COORDINATED DEVELOPMENT DISTRICT #29)
CDD #29 (COORDINATED DEVELOPMENT DISTRICT #29) EXISTING ZONE: PROPOSED ZONE:

OPEN SPACE REQUIREMENTS: 15,829 SF (25% OF DEVELOPMENT AREA AT OR ABOVE-GRADE)
OPEN SPACE PROVIDED: 15,833 SF (25% OF DEVELOPMENT AREA AT-GRADE)

PROPOSED USE:

275 UNITS 275 UNITS/ 1.45 AC = 189.65.

362,254 GSF 315,601 SF BUILDING HEIGHT PERMITTED: BUILDING HEIGHT PROPOSED:

AVERAGE FINISHED CRADE: FRONTAGE REQUIRED: FRONTAGE PROVIDED:

PARKING TABULATIONS

REQUIRED*		PROPOSED	
0.95 SP/2BR (207) = 197 SPACES	1	210 SPACES	
0.95 SP/1BR (136) = 130 SPACES	(124 STA)	NDARD, 81 COMPACT,	
TOTAL REQUIRED: 327 SPACES	11	H/C VAN, 4 H/C)	
*SEE PARKING REQUIREMENTS TO	ABLE ON SH	HEET 02C	
LOADING TA	BULATION	S	
REQUIRED		PROPOSED	
N/A		2 SPACES	
BICYCLE	PARKING T	ABULATIONS	
REQUIRED		PROPOSE	D
LONG-TERM(3 SP/10 UNITS) = 83 SHORT-TERM (1 SP/50 UNITS) = 6		89 SPACES	5
TOTAL REQUIRED: 89 SPA		(83 LONG-TERM, 6 SH	ORT-TERM

TRIP GENERATION:

			BLO	CKD						
	ITE				Weekday					
Land Use	Code		Size	A	M Peak H	our	P	M Peak Ho	our	Daily
	Code				Out	Total		Out	Total	Total
Proposed Development Program										
Residential										
Multifamily Housing (Mid-Rise) (Apartments,	221	275	DU	24	68	92	71	46	117	1.497
Townhomes, Condo; max 10 floors)	221	2/5	DU	24	.00	92	7.1	40	117	1,497
Total Residential w/o Reductions				24	68	92	71	46	117	1,497
Internal Trip Capture Reduction				-1	-3	-5	-13	-9	-22	-299
Total Residential w/ Internal Capture Reductions				23	65	87	58	37	95	1,198
Non-Auto Mode Share Reduction ¹		50%		-11	-32	-44	-29	-18	-48	-599
Subtotal (Residential Trips with Internal Capture and				11	32	43	29	18	48	500
Non-Auto Mode Share Reduction)				- 11	32	43	29	10	40	599
Total External Residential Trips				11	32	43	29	18	48	599
OVERALL NON-AUTO MODE TRIPS				-11	-32	-44	-29	-18	-48	-599
OVERALL DEVELOPMENT TRIPS				11	32	43	29	18	48	599

SHEET INDEX

CIVIL		ARCHITEC	ARCHITECTURE			
Sheet Number	Sheet Title	Sheet Number	Sheet Title			
01	COVER SHEET	A001	CODE ANALYSIS			
02	GENERAL NOTES & DETAILS	A100	LEVEL P1 FLOOR PLAN			
02A-02C	GENERAL NOTES & DETAILS	A101	LEVEL 01 FLOOR PLAN			
03	PROPERTY EXHIBIT	A102	LEVEL 02 FLOOR PLAN			
04	CONTEXTUAL PLAN					
05	OVERALL EXISTING CONDITIONS	A103	LEVEL 03 FLOOR PLAN			
06	EXISTING CONDITIONS	A104	TYPICAL FLOOD PLAN (04-07)			
08	OVERVIEW PLAN GEOMETRY PLAN	A105	ROOF PLAN			
08A	SITE PLAN	A106	BIKE STORAGE LAYOUT			
09	UTILITY PLAN	A107	AREA PLANS			
10	GRADING PLAN	A108	AREA PLANS			
11	OPEN SPACE PLAN	A300	BUILDING ELEVATIONS			
12	MASTER OPEN SPACE PLAN	A301	BUILDING ELEVATIONS			
13	SWM PRE DEVELOPMENT PLAN	A302				
13A	SWM POST DEVELOPMENT PLAN		GARAGE SCREENING EXHIBIT			
14-15	SWM COMPS & NARRATIVE	A400	BUILDING SECTIONS			
16	BMP PLAN	A500	PERSPECTIVES			
17	BMP COMPS & NARRATIVE	LIGHTING				
18	WQVD BMP DATA BLOCKS	Sheet Number	Sheet Title			
19-22	OUTFALL ANALYSIS	LT01	AMENITY DECK - LIGHTING LAYOUT			
23	SANITARY SEWER PLAN	LT02	AMENITY DECK - PHOTOMETRICS			
24	SANITARY SEWER COMPUTATIONS	1 103	AMENITY DECK - FROTOMETRICS			
25-28	AUTOTURN EXHIBIT	L103	& SPECIFICATIONS			
29	PEDESTRIAN EXHIBIT	LT04-LT05	SITE LIGHTING LAYOUT			
30	FIRE SERVICE PLAN		SITE - LUMINAIRE SCHEDULE &			
31	SITE DISTANCE PROFILES	LT06-LT07	SPECIFICATIONS			
32	GIS DIMENSION PLAN					
LANDSCA	PE					
Sheet Number	Sheet Title					
L1.0	LANDSCAPE PLAN					
L1.1	REFERENCE PLAN					
L1.2	HARDSCAPE PLAN					
L1.3	TREE PLANTING PLAN					
L1.4	SHRUBS AND GROUNDCOVERS PLANTING PLAN					
L2.0	PLANTING DETAILS					
L2.1	HARDSCAPE DETAILS					
L2.2						

PROJECT NARRATIVE:

OSSORPTION OF DEVELOPMENT.
THE BLOOK D PARKEL IS BERDERED TO THE NORTH BY HEART AVE. (PUBLIC), JULIA JOHNS PL. (PUBLIC) TO THE WEST, TUDGET ST. (PUBLIC) TO THE EAST, AND BY DUKE ST. (Public) to the south.

The purpose of the redevalorability for block o is to allow for resountial uses on the site which may be implemented anywhere on the site, subject to

Capacity of impacting their

CHEMIL ANY ADJUSTIC PROPERTIES ARE SEPARATED FROM THE SITE BY MAJOR ROADWAYS, AND IN COMBINATION WITH STEPS PROPOSED BELOW, THE APPLICANT DOES NOT ANTIOPANE ROKIESE EFFECTS FOR THOSE PROPERTIES AS A RESULT OF THE PROPOSED DEVICIONMENT. ADJACENT PROPERTIES SHALL BE PROTECTED FROM ADJESS; BEFELTS VA. STANDARD BROSON AND SEDMENT CONTROL MEASURES, ALCINSDE EFFORTS TO REDUCE THE OREALT, RANDEF FROM THE SHE, IN ADDITION, BOTH ON AND OFFSITE MEROCREMIS MICROTION THE ADVECT OF ADDITIONAL TRAFFIC SHALL BE PROVIDED AS PART OF THE APPROPRIATE TO PHASES OF DEPORTAL MAD AS DETERMENT BY TRAFFICE SERVINDED. THE TRAFFIC SHALL BE PROVIDED AS PART OF THE APPROPRIATE TO PHASES OF DEPORTAL MAD AS DETERMENT BY TRAFFICE SERVINDED. THE TRAFFIC SHALL BE PROVIDED AS PART OF THE

AS PART OF THE OVERALL PROPOSED LANDWAY DEVELOPMENT FOR THE STIE, THE APPLICANT PROPOSES TO PROVIDE SPECIAL AMENTES NOLLONG A MINIMAN OF 3.5 ACRES
OF OPEN SPACE NETWORN TO NOLLOIC A CONTROL PARK, PASCA, AND TORRACE AS WELL AS NOD-RECORD PARKS COLLECTION, THESE PARKS WILL PROVIDE A MIX OF
ACTION AND PROPERTY AS YES ALL WILL AS COMPANION OF IMPROVISE MIXES. FOR RESTORMEN AND VISIORS JUNE ON MIXED THE PROPERTY AND VISIORS JUNE OF THE PROPERTY AND VISIORS JUNE O

IN ACCITION TO THE PARKS, THE SITE SHALL ALSO FEATURE A FIRE STATION AND A CENTRALLY LOCATED TRANSIT HUB TO PROVIDE BUS TRANSIT SERVICES TO BOTH RESIDENT. AND THE SURROUNDING COMMUNITY.

THE COD CONDITIONS OUTLINED THE AMENITIES REQUIRED WITH THE INFRASTRUCTURE PLAN.

LIST OF EXISTING APPROVALS:

- C002020-00007 SUB2021-00003 DSP2021-00012 SUB2022-00005 GRD #2022-00012

GREEN BUILDING NARRATIVE:

THS APPLICATION WILL COMPLY WITH THE CITY'S GREEN BUILDING POLICY, PLEASE SEE GREEN BUILDING NARRATIVE AND SCORECARD PROVIDED ON SHEET OZC.

MODIFICATIONS REQUESTED:

1) MODIFICATION TO REDUCE CROWN COVER REQUIREMENTS FROM 25% TO 20%

BUILDING CODE ANALYSIS:

SEE SHEET A001 FOR BUILDING CODE ANALYSIS.



SHEET 01 OF 32

APPROVED SPECIAL USE PERMIT NO.

DEPARTMENT OF PLANNING & ZONING DEPARTMENT OF TRANSPORTATION & ENVIRONMENTAL SERVICES

DATE

CHAIRMAN, PLANNING COMMISSION DATE RECORDED INSTRUMENT NO. DEED BOOK NO. PAGE NO.

BLOCK D SITE TABULATIONS

Jse	Floor	Residential	Hotel	Block D		
	Area	Units	Keys	Floor Area	Units	
Hospital	464,467			-		
Office				-	- 4	
Medical Office	596,406			315,601	275	
Multifamily	1,118,397	1,072 units		-		
Affordable Multifamily	12,250	45 units		-	-	
Senior Housing (AL/IL)	-	0 units			-	
2-over-2 Townhomes		0 units		-		
Traditional Townhomes	300,458	110 units		-		
Condo Flats		0 units				
Hotel			0 keys	-		
Retail	236,146			-		
Grocer				-		
Firestation				-		
Garage / Loading / Service				-		
Total	2,728,124	1,227 units	0 keys	315,601	275	
FAR over Gross Land Area	1.2161					

Parking Requirement	Parking Ratio	Blo	ck D
		REQUIRED	PROPOSED
RRING BATTS RRING BATTS 1/ 28E ROSPITAL 1/ 28E REGISTER 1/ 28E 1/ 28E REGISTER 1/ 28E 1/ 28E			
Hospital	1/2 BEDS		-
Office	1.5/ 1000 GSF	-	-
Medical Office	1.5/ 1000 GSF		
Multifamily	1/ BEDROOM	327	210
Affordable Multifamily	0.8/ UNIT	-	
Senior Housing (AL/IL)	0.7/ UNIT	-	
2-over-2 Townhomes	2.0/ UNIT	-	
Traditional Townhomes	2.0/ UNIT		
Condo Flats	1.3/ UNIT	-	-
Hotel	0.7/ KEY		-
Retail	3.0/ 1000 GSF		-
Grocer	50 spaces		
Firestation			
STANDARD PARKING SPACES COMPACT PARKING SPACES		÷	124 81
			4
		-	1
HANDICAP PARKING SPACES (VAN)		•	1
		-	210
PARKING PROVIDED IN EXISTING GARAGE		-	
PARKING PROVIDED IN PROPOSED GARAGE		-	210
LOADING SPACES			
BICYCLE PARKING			
Residential			83
Visitor			6
Retail			
Office			

SITEWIDE CANOPY COVERAGE TABULATION

DSUP	Block	Are		Canopy C	overage (SF)
DSOF	вюск	SF	AC	Required	Provided
	Private Streets	146,984 SF	3.37 AC		106,250 SF
CDSP-2025-					
00012	Block D	63,315 SF	1.45 AC		14,210 SF
DSUP 2022-					
10017	Block E	108,575 SF	2.49 AC	- 1	14,750 SF
	Block F	22,739 SF	0.52 AC	-	41,000 SF
DSUP 2022-					
10017	Block G	62,083 SF	1.43 AC	-	13,500 SF
	Block H	89,320 SF	2.05 AC	-	
DSUP 2022-					
10015	Block I	107,644 SF	2.47 AC		22,062 SF
	Block J	80,597 SF	1.85 AC	-	-
DSUP 2022-					
10016	Block K	98,964 SF	2.27 AC		19,019 SF
	Block L	133,629 SF	3.07 AC	-	
	Block M	120,815 SF	2.77 AC	-	
	Block N	17,699 SF	0.41 AC		30,750 SF
				-	
	Block Q	14,581 SF	0.33 AC	-	
	Block R	10,179 SF	0.23 AC	1.0	16,750 SF
	Total Site	1,077,124 SF	24.73 AC	295,813 SF	278,291 SF

NOTE:

1) SITEWIDE CANOPY COVERAGE CALCULATION EXCLUDES PUBLIC STREET TREES, THE HOSPITAL CAMPUS, EXISTING PARKING GARAGE (BLOCK S), TERRACE PARK (BLOCK P), AND PUBLIC RIGHTS-OF-WAY.

 SITEWIDE CANOPY COVERAGE PROVIDED FOR INFORMATIONAL PURPOSES ONLY. PLEASE REFER TO DSPI2021-00012 FOR FUTURE UPDATES TO SITEWIDE CANOPY COVERAGE CALCULATIONS.

UNIT MIX TABLE

Times debited in orthography	TOTAL: 275 UNITS	1
THREE BEDROOM UNITS (ADU)		$\overline{}$
TWO BEDROOM DEN UNITS (ADU)	5	2%
TWO BEDROOM UNITS (ADU)	63	235
ONE BEDROOM DEN UNITS (ADU)	35	139
ONE BEDROOM UNITS (ADU)	109	395
JR ONE BEDROOM UNITS (ADU)	22	8%
STUDIO UNITS (ADU)	41	15%
Dwelling Unit Summary (ADU)		

LEGEND: EXISTING WATER LINE _____T____ EXISTING TELEPHONE LINE ----T ----- PROP. TELEPHONE LINE PROP. FIRE HYDRANT -----E----- EXISTING ELECTRIC LINE EXISTING WATER METER PROP. ELECTRIC LINE PROPOSED WATER METER WV EXISTING WATER VALVE WV PROPOSED WATER VALVE PVT PROPOSED PRIVATE FIBER PROPOSED ACF FIBER EXISTING STORM DRAIN 0 0 PROPOSED STORM DRAIN PROPOSED ELECTRIC MANHOLE —○□ EXISTING SANITARY SEWER 000 PROPOSED FIBER HANDHOLE PROPOSED SANITARY SEWER DIRECTION OF FLOW --- CATV--- EXISTING CABLE TV LINE ROAD SIGN EX. POWER POLE ______ EXISTING GAS VALVE EXISTING SPOT ELEVATION +25 60 PROP. SPOT ELEVATION CG-6R SPILL AND TRANSITION CURB AND GUTTER EXISTING LIGHTING à PROPOSED LIGHTING PROPOSED CURB EXISTING FENCE 0-0 EX. STREET LIGHTS x-x-x PROPOSED FENCE PROP. STREET LIGHTS DXISTING TREE LINE ΛÌ PROPOSED CG-12 _____08_____ EXISTING CONTOURS 0 EXISTING TREE ——08—— PROPOSED CONTOURS ŏ PROPOSED TREE Δ WATER FITTING IDENTIFIER PROPOSED LIMITS OF CLEARING & GRADING LOADING AREA **■** BENCHMARK EXISTING WETLANDS TEST PIT REQUIRED PROP. RET. WALL PROJECTED TRAFFIC COUNT EX. RET. WALL O.R. OVERLAND RELIEF PROPOSED EXISTING SQUARE FEET GROSS SQUARE FEET NET SQUARE FEET TO BE REMOVED PROP. EX. SF **\rightarrow** PROP. POST LIGHT PROP. BUILDING MAIN ENTRANCE PROP. BUILDING ENTRANCE T.B.R. FINISHED FLOOR
VISITOR PARKING SPACE
STANDARD, COMPACT, AND
HANDICAP PARKING SPACE
DESIGNATOR PROP LINDERGROUND CARACE BLOCK E&G BOUNDARY (L) LOADING SPACE (COA) (AW) (CSW) CITY OF ALEXANDRIA INTERSECTION VISIBILITY TRIANGLE AMERICAN WATER CONC. SIDEWALK BRICK PAVE AREA (TO MATCH EXISTING PLAZA) (ASW) ASPHALT SIDEWALK PROP. PERVIOUS AREA PROP. CONCRETE SIDEWALK PROP, PARKING SPACE (H) PARKING SPACE COUNT

NING TARIHATIONS

Zoning Requirement	Blo	ck D
	REQUIRED	PROPOSED
LOT AREA (SQ. FT.)	-	63,315
LOT WIDTH (FT.)		-
FRONT YARD (FT.)		0.00
SIDE YARD (FT.)		100
REAR YARD (FT.)	181	1-0
FLOOR AREA (SQ. FT.)		315,601
OPEN SPACE (SF / %)	25.00%	25.00%
GROUND FLOOR	1.0	10,843
ABOVE GROUND	-	4,990
TOTAL OPEN SPACE	15,829	15,833
AVERAGE FINISHED GRADE (FT.)		209.84
MAX. BUILDING HEIGHT (FT.)		82
CROWN COVERAGE (SQ. FT.)		14,210
MAX. RESI DENTISTY (UNITS/AC.)	1.0	-
Dwelling Unit Summary (ADU)		275
STUDIO UNITS (ADU)	-	41
JR ONE BEDROOM UNITS (ADU)		22
ONE BEDROOM UNITS (ADU)	10	109
ONE BEDROOM DEN UNITS (ADU)		35
TWO BEDROOM UNITS (ADU)	14	63
TWO BEDROOM DEN UNITS (ADU)	181	5
THREE BEDROOM UNITS (ADU)		-
LOADING SPACES		2
TRIP GENERATION (ADT)	Tel	599

APPROVED
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02

FILE No. RZ-13127

CHAIRMAM, PLANNING COMMISSION DATE

DATE RECORDED _______
INSTRUMENT MO. DEED BOOK NO. PAGE NO.

GENERAL NOTES

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OF TRANSPORTATION AND DIMPROMENTIAL SERVICES AT (703) / res—ways the rent outstained on publicable spromential scales of Leafly Warrier on the Front AND BLOCK on the Proposess DESCOMENT SET DURING CONSTRUCTION FOR EMERGING RESERVICES PROPOSES IN CONTRACTION COURSE FOR EASY DURING CONSTRUCTION FOR EMERGING THE CONTRACTION OF THE PROPOSES IN CONTRACTION DEPARTMENT AT 703—746—1400 RECORDING SECURITY HARDWARE FOR YEAR CONSTRUCTION. THIS SHALL FOR DURING STRUCK PROPOSITION OF THE PROPOSITION OF THE PROPOSITION WAS THE RESISTANT ROOF DURING STRUCK THE PROPOSITION OF CONCESSION DURING TO AUTOMIT PROPERTIES OF THE PROPOSITION OF THE PROPOSITION OF CONCESSION DURING TO AUTOMIT PROPERTIES OF THE

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FOR A CERTIFICATE OF OCCUPANCY. ALL SANITARY LATERALS AND/OR SEWERS NOT SHOWN IN THE EASEMENTS SHALL BE OWNED AND

TRAFFIC MAINTENANCE

ALL EXISTING ROADS ADJACENT TO THE SUBJECT SITE WILL REMAIN OPEN FOR USE DURING CONSTRUCTION PHASES

EXISTING CONDITIONS SURVEY NOTES

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• PER MEMORANDIM TO INDUSTRY, JULY 20, 2005; THE PLAN SHALL BE PREPARED USING WIGHAN STATE PLANE (MORTHCHOR), CODENNATES BASED ON NADES AND NADES, HONGERS OF PER CAPACITY DANNES ARE PREPARED USING WORTH AMERICAN DATAW OF 1927 (MUZZ?) AND MECHACOCCIEN VERTICAL DATAW OF 1927 (MUZZ?) AND MECHACOCCIEN VERTICAL DATAW OF 1929 SATISTATION OF 1929 AND MARGE DATAWAS.

ENVIRONMENTAL SITE ASSESSMENT

ENWOMENT MILE REMANDED IN ACCIDENCE WITH FEBRUAL STATE, AND CITY REQUIRED.

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ALL RELLS DIS COMMANDED IN 165 PEOPLE. FINALIDED CONTINUE BURBLY (SMICE)

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SANITARY FLOW COMPUTATIONS

TOTAL FLOW FROM BUILDING D= 300 GPD/UNIT * 275 UNITS = 82,500 GPD PEAK FACTOR FLOW FROM BUILDING = 82,500 GPD * 4.0 = 330,000 OR 0.33 MGD

THE TOTAL ESTIMATED FLOW EXCEEDS 10,000 CPD AND IS THEREFORE SUBJECT MEMORANDUI TO INDUSTRY NO. 06-14, WHICH STATES THAT AT THE TIME OF THE FINAL SITE PLAN,

NOUSTRY NO. CO-14, WHO'S STATES THAT AT THE THE OF THE FIRM, STE PLAN, STE PLAN, DEPARTMENT STEED CONTINUE AMANDES AS A DECEMBER OF THE CONTINUE AMANDES AS A DECEMBER OF THE CONTINUE AMANDES AS A DECEMBER OF THE CONTINUE AMANDES AND A DECEMBER OF THE C

PROPOSED DEVELOPMENT SET TO THE THANK SEMEN USING THE FACTORS DESCRIBED BELLOW.

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CONDITIONS
THE APPLICANT SHALL ESTIMATE ADDITIONAL AVERAGE DAY AND PEAK HOUR MASTEWATER FLOW TO BE DISCHARED INTO THE TRUMY SHEEP FROM THE PROPOSED DEVELOPMENT STEEL UNKER PROPOSED CONDITIONS UNKNOWN THE FACTORS DESCRIBED ADDITIONAL THE SMARTLEY STREET ADEQUATE OUTFALL ANALYSIS SHALL ACCOUNT FOR THE EXISTING AND STREET ADEQUATE OUTFALL ANALYSIS SHALL ACCOUNT FOR THE EXISTING AND STREET ADDITIONS.

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THE WIROUM REPORTS OF THE WIROUM OF THE WIPP AND INTERCEPT OF

ADDITIONAL NOTES

CONTRACTOR SHALL ENSURE ALL DISCHARGES ARE IN ACCORDANCE WITH CITY OF ALEXANDRIA CODE TITLE 5, CHAPTER 6, ARTICLE B.

DEMATERING AND OTHER CONSTRUCTION RELATED DISCHARGE LIMITS TO THE SEMER SYSTEM ARE REGULATED BY ALEXRENEW PRETREATMENT. CONTRACTOR IS REQUIRED TO CONTACT

DEMOLITION

A SPANALT FRANT IS ROUBED FOR ROUBED, HOWEVER, NO DEMOLITION SHALL AS PARALTER FRANT IS ROUBED FOR ROUBED, HOWEVER, NO DEMOLITION SHALL AND HER PROPRIED BY AN ERBORN AND SOMEHIN CHARGE. MISSING MAN SOMEHIN CHARGE. MISSING MAN SOMEHIN CHARGE. MISSING MAN SOMEHIN CHARGE. MISSING MAN LOCAL LAKE AND RECLA MISS. ROUBED, BY AN ELECTRICAL PROPERTY AND LOCAL LAKE AND RECLA MISS. ROUBED, BY ANY LOCAL LAKE AND RECL

HANDL JARSOCHOM, THE COMMERCIOS SHALL BE RESPONDED FOR CORROBATION WITH WE UNITED PROJECTION, SPANNET OF ASSOCIATION THE STAN ARE PRODUCED FOR ALL PROPE TO REMOVAL OF MATERIAL SHARP STANDAY STRIKE, THE COMMERCIOS SHALL DOUGHAI FERRIS CORROBINOS AND FAIL WARMACH WITH COMMERCIA SHARP SH

SIGN CONSTRUCTION

SEPARATE PERMIT IS REQUIRED FOR SIGN CONSTRUCTION. CEMETERY AND/OR BURIAL GROUNDS

MERT IS NO CRECONNEL ENTERPOL. (P. MEDILLEC COPAL CIDENCE O' TUETTIES O'
BRIAL CROMADO NE PROPERTY INTERNOREL ITS LIGITAL IN DESIDER MINES O'
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RODENT ABATEMENT NOTE

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MARINE CLAY STATEMENT

MARINE CLAYS EXISTS ON SITE FOR BLOCK D.

AIR POLLUTION F TREPLACES ARE UTILIZED IN THE ORIGINATION, THE APPLICANT IS REQUIRED TO MISSIAL LOSS FREE FLACES TO REDUCE ARE POLILUTION AND GOODES, ANNUAL STREETS WIST WAS AND AN ADMINISTRATION OF THE APPLICATION OF

SOLID WASTE MANAGEMENT

SINCE THE APPLICANT IS NOT REQUIRED, BY SECTION 5-1-31 OF THE CITY CHARTER AND CODE THILE 5: TRANSPORTATION AND ENVIRONMENTAL SERVICES. TO USE THE CITY OF ALEXANDRIA'S COLLECTION AND DISPOSAL SERVICES SHALL BE PROVIDED BY THE APPLICANT AND DISPOSAL SERVICES SHALL BE PROVIDED BY THE APPLICANT / PRIVATE COLLECTORS AND SHALL BE PROVIDED BY THE APPLICANT / PRIVATE COLLECTORS AND SHALL BE PASSED ON TO THE NEW OWNER IN CASE OF A SALE OF THE PROPERTY SUBSEQUENT TO THE DEVELOPMENT.

SITE ACCESSIBILITY NOTES

ALL BUILDINGS WHAN THE BOUNDARY OF THIS SITE SMALL HAVE AT LEAST ONE
"ACCESSIBLE ROUTE" THAT ONE FORMS TO "AND ""ACCESSIBLE ROUTE" STANDARDS.
THE SES STANDARDS ROUTILE BUT AND THAT THE TO MANUAR WAY STOPPED
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FLANS. THE SECRETOR ON THE TRANSPORT OF THE ADMINISTRATION OF THE THAT
FLANS.

ALL "ACCESSIBLE" PARKING SPACES SHALL BE DESIGNATED WITH APPROPRIATE SIGNAGE THE PAVEMENT SLOPE WITHIN ACCESSIBLE PARKING SPACES SHALL NOT EXCEED 2% IN ANY DIRECTION

ARCHAEOLOGY NOTES

ARCHAEOLOGY NOTES

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DISCHARGE NOTES

CONTRACTOR SHALL ENSURE ALL DISCHARGES ARE IN ACCORDANCE WITH CITY OF ALEXANDRIA CODE TITLE 5, CHAPTER 6, ARTICLE 8. DEMATERING AND OTHER CONSTRUCTION RELATED DISCHARGE LIMITS TO THE SEMER SYSTEM ARE REQULATED BY ALEXBENEW PRETREATMENT. CONTRACTOR IS REQUIRED TO CONTRACT OF THE TRACTION OF CONTRACT OF A TYO 3-549-3381 (2020).

EXISTING CONDITIONS NOTE

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existing conditions reflected in this set are based on the DSP work as proposed on DSP)/2022-00012.

CONSTRUCTION NOTES

CONSTRUCTION NOTES

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AND AND THE PLANT OF CONSTRUCTION, CONTRACTOR SHALL VERFY FROM THE ARCHITECTURAL DRAWNES ALL DIMENSIONS, DETAILS, AND THE ARCHITECTURAL DRAWNES ALL DIMENSIONS, DETAILS, AND THE ARCHITECTURAL DRAWNES, MALWARES, AND DIMER PROSSED CONSTRUCTION WHERE ARCHITECTURAL DRAWNESS AND DIMER PROSSED CONSTRUCTION WHERE ARCHITECTURAL DRAWNESS AND THE PLANT OF THE CONTRACTOR S. THE PLANT OF THE CONTRACTOR S. DIMERCHARD ALL DRAWNESS TO PROFITE ARCHITECTURAL DRAWNESS AND PROFIT ARCHITECTURAL DRAWNESS AND PROFITE ARCHIT

GOODER ON THE PLACE

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ings. The grade shall be maintained from the centerline of the existing road to Proposed entrance and/or curb & gutter to preclude the forming of

SUCCIDENCE SALLE SEAL MANIMOR TOWN HE CENTRALE OF THE CHARMS FOUND IN THE CHARMS AND THE CHARMS

AMERICAN WITH DISABILITY (ADA) ACCESSIBLE PARKING SPACES MUST BE DELINEATED
WITH PAYEMENT MARKINGS PER THE CITY OF ALEXANDRIA STANDARD SIGNACE AND

24 AMERICAN WITH DOSABLITT (ORD) ACCESSED F PROMISE SPACES MAY BE DIRECTED TO MARCHION WITH DOSABLITT (ORD) ACCESSED FOR PRINCE SPACES AND ACCESSED FOR THE PROPERTY OF THE PR

STORMWATER BMP AND DETENTION

FACILITIES MAINTENANCE AGREEMENT
THE APPLICANT SHALL SUBMIT TO THE CITY OF ALEXANDRIA A STORMHATTE BUP
AND DETENTION FACILITIES MANYENANCE AGREEMENT WITH FANAL SUBMISSION. THE
MAINTENANCE AGREEMENT SHALL BE REGISTERD WITH ALEXANDRIA LAND RECORDS.

FLOODPLAIN NOTES

THE SITE DOES NOT LIE WITHIN 100-YEAR FLOOD PLAIN WATER SURFACE ELEVATION (WSE) PER THE DEMARCATION OF THE CURRENT FLOOD INSURANCE RATE MAP (FIRM) PUBLISHED BY FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA).

RESOURCE PROTECTION AREA NOTES HE SUBJECT PROPERTY DOES NOT LIE WITHIN THE CITY OF ALEXANDRIA RESOURCE ROTECTION AREA (RPA)

CONTAMINATED SOILS
ALL CONTAMINATED SOILS
FOR THE LANGEMENT SOILS SHALE THE MAKE TO BE SHEET THE
PER THE LANGEMENT ALL RETAINS, CONTAIN THE CASSISTANT PREPRIED PET US NO -DILABATION TABLE
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PERSON TO THE SECENT SEE.

E&S NOTE SEE SHEET AN FOR EAS NOTES WELLS THERE ARE NO KNOWN WELLS ON SITE

AFFORDABLE HOUSING AFFORDABLE HOUSING IS TO BE PROMOTO WITH THIS PLAN.

UTILITY WORKS

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MIDREPROUND UILITY WORKS

BESTREET, LESS SHALL BE SENTALED IN CECEDIANCE WITH THE FOLLOWING MINIMAL STANDARDS DESCRIBED IN SECTION 4V4529-40-40 OF THE VIRONIA ERSONAL PORTOR STANDARD STANDARDS DESCRIBED IN SECTION 4V4529-40-40-40 THE WORKS ADMINISTRATION OF ALEXANDRIA. LIE CLOCATED OUTSIDE OF THE PRICE PRICE TO A WAY AND PRICE UNITY EXCENSIVE JUILIES THE UTILITY OWNERS THAT EXPRESS ADMINISTRATION HIS CONTROL BOXES AND A THE PRICE PRICE TO A METAL PRICE AND A THE PRICE PRICE TO A METAL PRICE AND A THE PRICE PRICE TO A METAL PRICE AND A THE PRICE PRICE TO A METAL PRICE AND A THE PRICE PRICE TO A METAL PRICE AND A THE PRICE PRICE TO A METAL PRICE AND A THE PRICE PRICE TO A METAL PRICE AND A THE PRICE PRICE TO AND AND A THE PRICE PRICE TO AND AND A THE PRICE PRICE P

PLAN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN LITHITY SERVICES AT ALL TIMES DURING

IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAN UTILITY SERVICES AT ALL TIMES DURING CONNECTION AND OFF CONSTRUCTION ON UNCERT THE OF TIMES OF THE OFFICE OFFICE OF THE OFFICE O

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RECOLOR SEPRECENT (TASE PL-193) CONFERENCIA DAL RECOLOR BACKET,
RECOLOR SEPRECENT RECOLOR DESIGNED CONFER. RECOLOR AND SEDIMENT
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BACKINGTON WITH CLEAN'S GOLD.

DADAMIC ON EX PERFORMED ON INSTALLATION OF UTILITES.

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LITH ITY COLOR CODES

	OTIENT OCEON CODES							
COLOR	CODES							
RED	CAUTION BURIED ELECTRIC POWER LINES, CABLES, CONDUITS, AND LIGHTING CABLES							
YELLOW	CAUTION GAS, OIL, STEAM, PETROLEUM, OR GASEOUS MATERIALS							
ORANGE	CAUTION COMMUNICATIONS, ALARM OR SIGNAL LINES, CABLES, OR CONDUITS							
BLUE	CAUTION POTABLE WATER							
PURPLE	CAUTION RECLAIMED WATER, IRRIGATION AMD SLURRY LINES							
GREEN	CAUTION SEWER, DRAIN LINES, AND FORCE MAIN							

EMERGENCY VEHICLE EASEMENTS NOTE ALL EMERGENCY VEHICLE EASEMENTS ARE TO BE PROVIDED UNDER A SEPARATE APPLICATION WITH THE FINAL SITE PLAN. ALL EASEMENTS ARE TO BE RECORDED WITH ALEXANDRIA LAND RECORDS.

MOSQUITO CONTROL NOTES

SNE, STOR HATER MANAGENET (SM) AND BEST MANAGENET PRACTICE (BM) STOTES HIT HID AND STORE STATES HE HE HAD STOTES HATER MANAGENET (SM) AND BEST MANAGENET PRACTICE (BM) STORE STATES HE HAD STORE STATES HAVE BEST STATES HAVE BEST STATES HAVE A RESIDENCE HAVE A REPORT OF HE RATED WHITE A RESIDENCE HAVE A REPORT OF HE PRACTICE MATES AND AND AND STATES HAD AND STATES HAD AND AND STATES HAD AND AND STATES HAD AND AND STATES HAD STATES HAD AND STATES HAD ST

THE HOSE STUDY AND NOSE COMMINENT LETTER FOR THE RESOLVINAL BUILDING SHALL BE SUBSTITUD AND APPROVED FROM FO FINAL SITE PLAN BELEAS. SOURCE SHALL BE AND SHALL THE REPORTED LIVE ALL FROM SHELD AND NO AMPLIFIED SUPPLY DELIVERES, LOADING, AND UNLOADING ACTIVITIES SHALL NOT OCCUR BETWEEN THE BUILDING STITUD PLAN DO TO AND.

CONSTRUCTION LIASON: ROBERT ABT WITH FOULGER-PRATT 240-499-9609

UTILITY CONTACTS:

6801 INDUSTRIAL ROAD SPRINGFIELD, VA 22151	4242 DUKE STREET ALEXANDRIA, VA 22304 703-212-5292
(703) 750-4881 <u>DOMINION WIRGINIA POWER</u> DAN KOCIOLA 3072 CENTREWILLE RD, HERNDON, VA 2017 571-203-5278	VIRGINIA AMERICAN WATER COMPANY STEVEN CHEN
COMCAST CABLE MELVIN YERBY 3900 WHEELER AVE, ALEXANDRIA, VA 22304 804-221-8492	OTY OF ALEXANDRIA DEPARTMENT OF TRANSPORTATION & ENVIRONMENTAL SERVICES

APPROVED SPECIAL LISE PERMIT NO

DEPARTMENT OF PLANNING & ZONING DIRECTOR

DEPARTMENT OF TRANSPORTATION & ENVIRONMENTAL SERVICES SITE PLAN NO. ___ DIRECTOR DATE

CHAIRMAN, PLANNING COMMISSION

DATE RECORDED INSTRUMENT NO DEED BOOK NO. PAGE NO.

Urbas, Lud. 4200 D TECHNOLOGY CT. CHANTILLY, VA. 20151 TEL. 703.642.2306 FAX 705.378.7888 www.urbar-ld.com

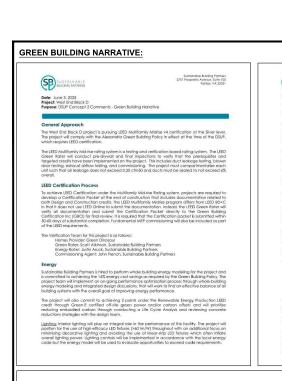
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RZ-13127



(SB) Massinal (detentation: Typical mid-1o high-fee multifamily facilities are not heavily sensitive to massing analytar orientation but apportunities will be evoluated as part of the overall building-level performance apprintations efforts. There mid mass implications will be considered but the enclosure will likely use standard light-weight assemblies in order to effectively balance the high cooling and hearing balance within this mixed circuits. Encloses: The building enclosure plays a small role in the overall load profile of a mid-to high-fee midtlfamily building, but the energy modeling analysis will be used to perform a seralishly exercise to determine the influencion point and the most effective enclosure strategy and bodonces performance, budget, and constructibility. This effort will include the evaluation of insulation levels, themat bidging miligation, and fremend made. <u>Plugi Praces loads</u>: The plug and process loads are largely unregulated under the provisions of the local energy code and LEED program so a large partian of these systems present very little opportunity for opinitariation. That adds, the team will work to incorporate EnergyNor appliances, high-efficacy LED lighting in the dwelling units, a high efficiency develor system, and premium efficiency motions where applicable.

In accordance with the City of Alexandria 2019 Green Building Policy, the design will demonstrate an achievement of lead a 30% potable outdoor water reduction from the pack varieting month. Shadiges trapeled include selection of ratifier and adoptive plantings and a high-efficiency irrigation system using disp irrigation, moisture maters, and controllers where ne cessary to ensure plantings survive and trivive.

Low flow plumbing fistures and BMERCY STAR appliances will be used to reduce patiable water use reduction. A 40% water use reduction, and minimum, will be achieved for purinting fistures are equivalent of the control of the control

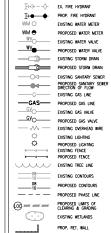
- WC: 0.8/1.28 apf (dual flush) Lav Faucet: 1.0 apm
- Showerhead: 1.75 gpm
 Kitchen faucet: 1.5 gpm

Indoor Environmental Quality

Contraction IAQ. During construction the contractor will be required to implement an Indoor Air Quality from to support the SMACNA measures that minimize indoor air contamination and promote clean indoor air. These requirements have been incorporated into specification section "018113 solutionable being Requirements".

<u>Ibernal Comfort & IAC;</u> To further support occupant health and comfort, the project will target low-emitting interior materials to cover the categories of flooring, points and coatings, insulation, and ceiling systems. To be compliant, products will have an emissione evolution in accordance with California Department of Public Health version 1.1, 2010 (CDPH v1.1 2010) or later. This will be





EX. RET. WALL

PROP. POST LIGHT

PROPERTY LINE

LOADING SPACE

ASPHALT SIDEWALK

 \blacksquare

(I)

(10)

(AW) (CSW)

(ASW)

______ FXISTING WATER LINE



LEGEND:

-----T----- EXISTING TELEPHONE LINE

O O EX. ELECTRIC MANHOLE

□□□ EX. FIBER HANDHOLE

PROP. ELECTRIC LINE

-CATV-

-

+25 60

0-0

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O O PROPOSED ELECTRIC MANHOLE

EXISTING CABLE TV LINE

EXISTING SPOT FLEVATION

PROP. SPOT ELEVATION

EX. STREET LIGHTS

PROPOSED CG-12

EXISTING TREE

PROPOSED TREE

WATER FITTING IDENTIFIER

PROP. STREET LIGHTS

PROPOSED FIRER HANDHOLF

ROAD SIGN

CG-6R SPILL AND TRANSITION CURB AND GUTTER

PROPOSED CURB

EX. POWER POLE

-----T ------ PROP. TELEPHONE LINE

EXISTING ELECTRIC LINE

------ ACF ------ EX. ACF FIBER

LOADING AREA BENCHWARK **①** TEST PIT REQUIRED PROJECTED TRAFFIC COUNT O.R. OVERLAND RELIEF PROP. PROPOSED EXISTING SOLARE FEFT GROSS SQUARE FEET
NET SQUARE FEET
TO BE REMOVED T.B.R. FINISHED FLOOR

BRICK PAVE AREA (TO MATCH EXISTING PLAZA) PROP. CONCRETE SIDEWALK PARKING SPACE COUNT CITY OF ALEXANDRIA AMERICAN WATER CONC. SIDEWALK

APPROVED

DIRECTOR

DEVELOPMENT SITE PLAN NO. _ DEPARTMENT OF PLANNING & ZONING DIRECTOR

VISITOR PARKING SPACE S. C. HC STANDARD, COMPACT, AND HANDICAP PARKING SPACE DESIGNATOR PROP PERVIOUS AREA

SS EX. TRASH AND RECYCLING.

DATE

C. TOCK 036790

BLOCK NOTES & DETAILS
EST END
SITE PLAN - BL

FILE No. RZ-13127

Ω

Urban, I 4200 B CHAN TEL, 7 FAX 7 www;

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WEST EIPRELIMINARY SITE P CITY

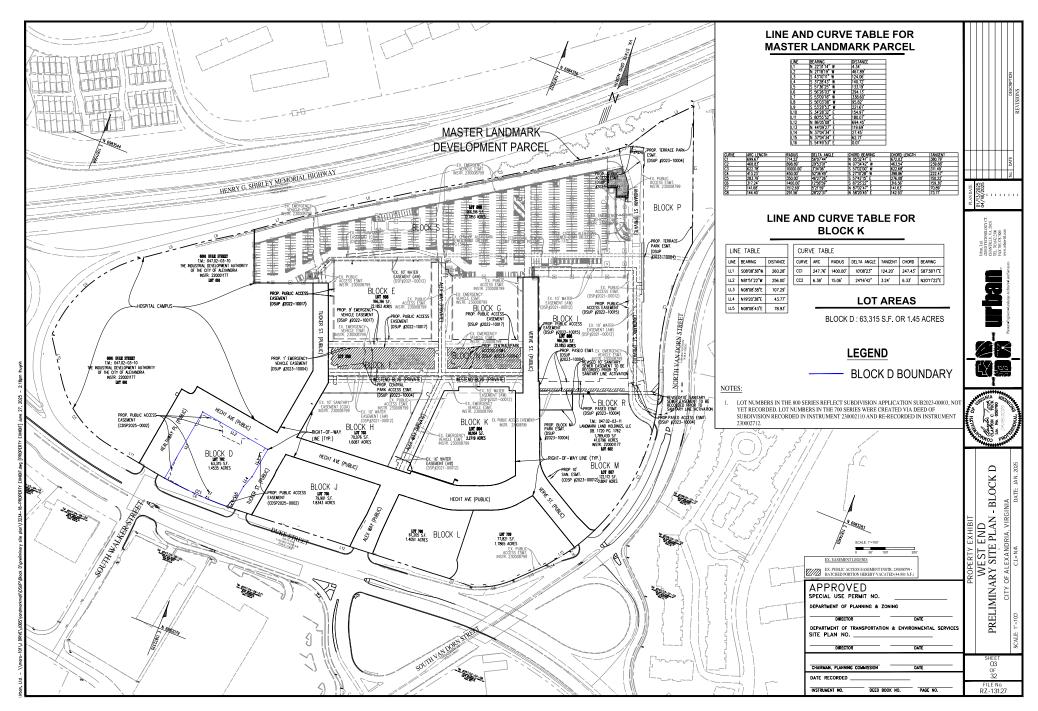
DEPARTMENT OF TRANSPORTATION & ENVIRONMENTAL SERVICES 020

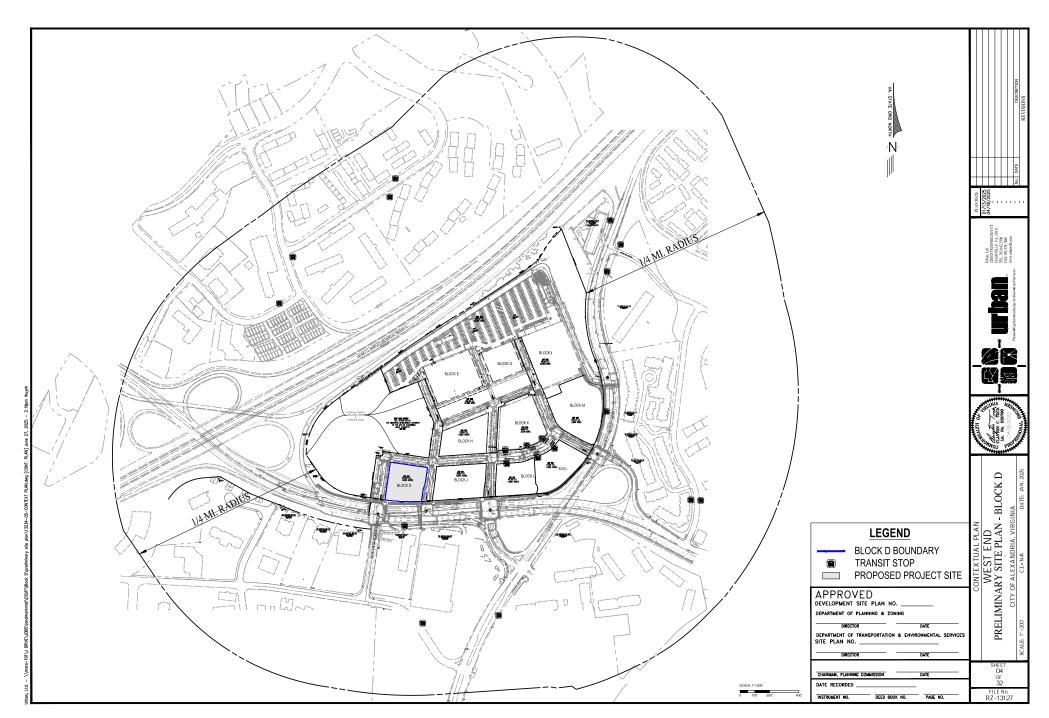
CHAIRMAN, PLANNING COMMISSION DATE RECORDED _ INSTRUMENT NO. DEED BOOK NO. PAGE NO.

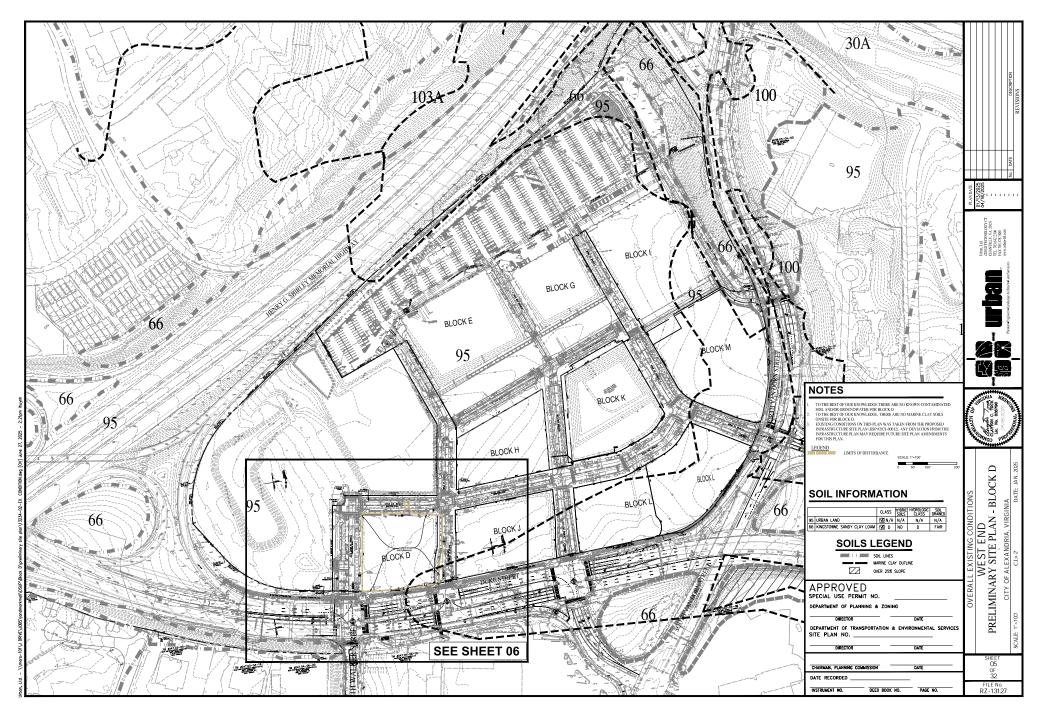
MINIMUM/MAXIMUM PARKING REQUIREMENTS:

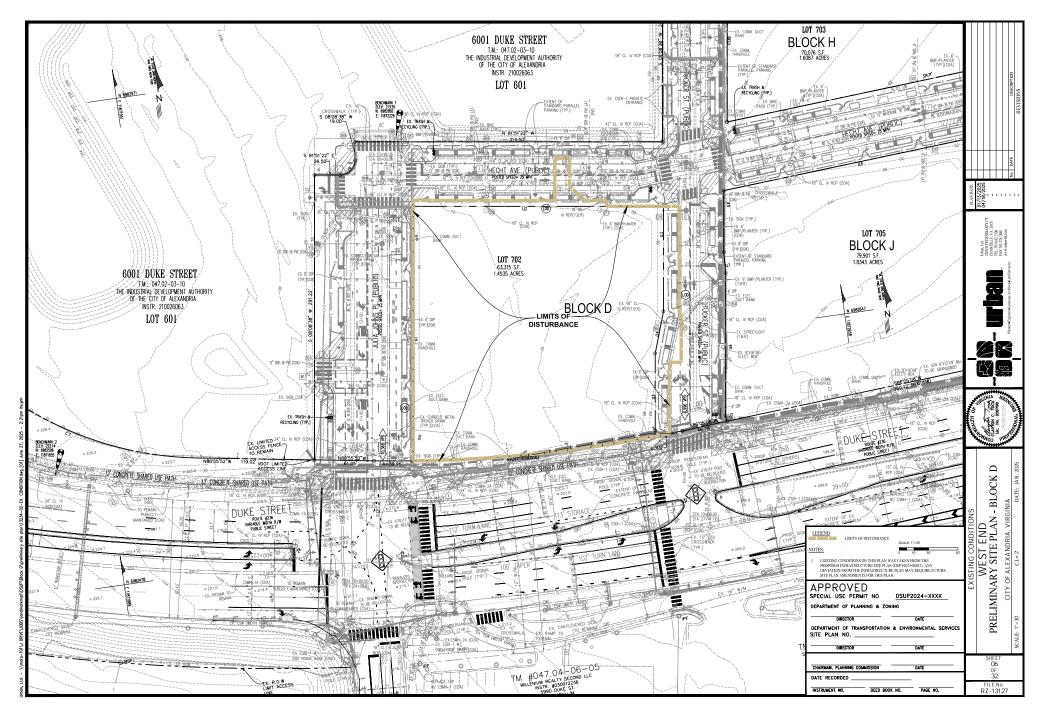
		Baseline ning Rati	ot Cred		Final oning Ra	tio	D		opment ize		droom	s		Minimun
Residential Rates														
1 Bedroom	1.0	0 /bdr	m 5%	0.	95 /bd	rm	x 2	07	units	207	bdrn	ns	=	197
2+ Bedroom ²	1.0	0 /bdr	m 5%	0.	95 /bd	rm	×	68	units	136	bdrn	ns	-	130
Residential Subtot	al						2	75	units					327
Allowable Resident Four or more bus n				of deve	lopment	entr	ince (59	6ap	plied in	Final Z	oning R	atio		5%
Total with Zoning F	Requiren	nents												327
Development Project	s dated Fe	ebruary 2	4, 2016.			ent fo	r Parking	Sta	ndards fo	or Multi	Family F	besid	denti	al
Development Project 2. Units with 2 bedro	s dated Froms or months Based	ebruary 2- ore are co I on Resi eline	4, 2016. runted as 2 dential Per Total	bedroor forman	n units.		Standar Deve	ds (Maximu	ıms)		besid		Maximum
Development Project 2. Units with 2 bedro Zoning Requiremen	s dated Froms or months Based	ebruary 2- ore are co	4, 2016. runted as 2 dential Per	bedroor forman	n units.		Standar Deve	ds (Maximu			besid		
Development Project 2. Units with 2 bedro Zoning Requiremen Residential	s dated Froms or months Basec Base Zoning	ore are co l on Resi eline ; Ratio ¹	4, 2016. runted as 2 dential Per Total Credits	forman F Zonir	n units. ice-Baser inal ig Ratio	l City	Standar Deve	ds (lopr Size	Maximu nent	ims) Bedri	ooms			Maximum Spaces
Development Project 2. Units with 2 bedro Zoning Requiremer Residential 1 Bedroom	s dated Froms or monts Based Based Zoning	ore are co l on Resi eline g Ratio ¹	4, 2016. sunted as 2 dential Per Total Credits	forman F Zonir	n units. ce-Baser inal ig Ratio /bdrm	l City	Standar Deve	ds (lopr	Maximu nent	Bedro	soms bdrms	besid		Maximum Spaces
Development Project 2. Units with 2 bedro Zoning Requirement Residential 1. Bedroom 2+ Bedroom ²	s dated Froms or ments Based Base Zoning 1.00 1.00	ore are co l on Resi eline ; Ratio ¹	4, 2016. runted as 2 dential Per Total Credits	forman F Zonir	n units. ice-Baser inal ig Ratio	l City	Standar Deve	lopr Size	Maximu nent	Bedro	ooms			Maximum Spaces 207 136
Development Project 2. Units with 2 bedro Zoning Requirement Residential 1. Bedroom 2+ Bedroom ² Residential Subtot	s dated froms or monts Basec Base Zoning 1.00 1.00 al	ebruary 2- ore are co I on Resideline g Ratio ¹ /bdrm /bdrm	4, 2016. sunted as 2 dential Per Total Credits	forman F Zonir	n units. ce-Baser inal ig Ratio /bdrm	l City	Standar Deve	lopr Size	Maximu nent	Bedro	soms bdrms			Maximum Spaces 207 136 343
1. Residential performance of the control of the c	s dated froms or monts Basec Base Zoning 1.00 1.00 al	ebruary 2- ore are co I on Resideline g Ratio ¹ /bdrm /bdrm	4, 2016. sunted as 2 dential Per Total Credits	forman F Zonir	n units. ce-Baser inal ig Ratio /bdrm	l City	Standar Deve	lopr Size	Maximu nent	Bedro	soms bdrms			Maximum Spaces 207 136

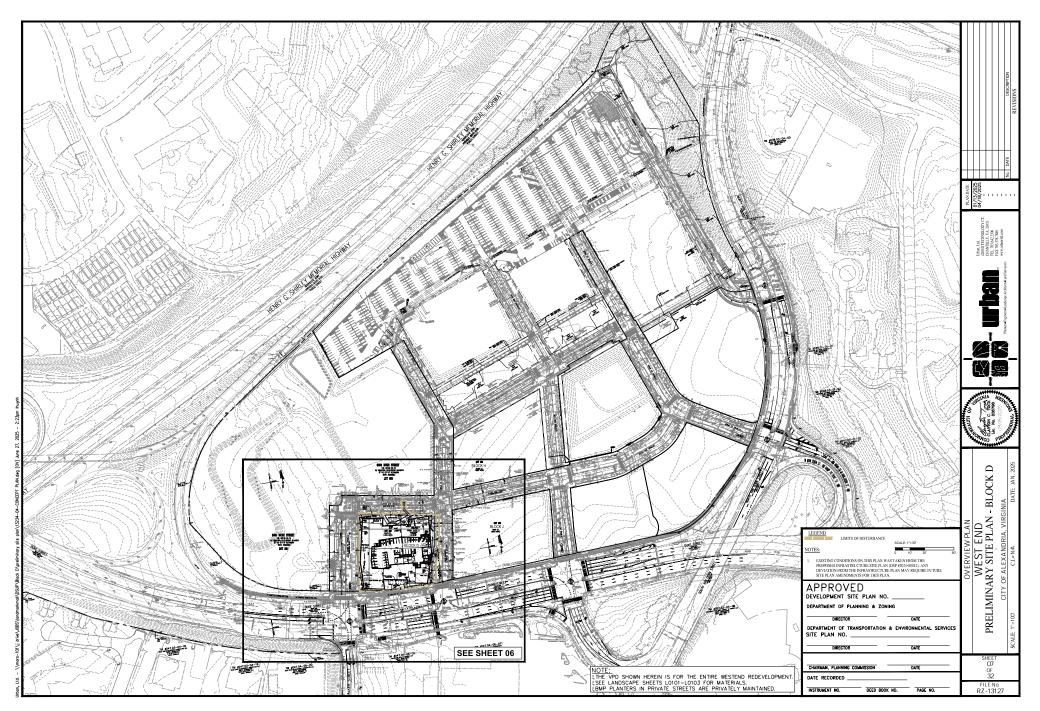


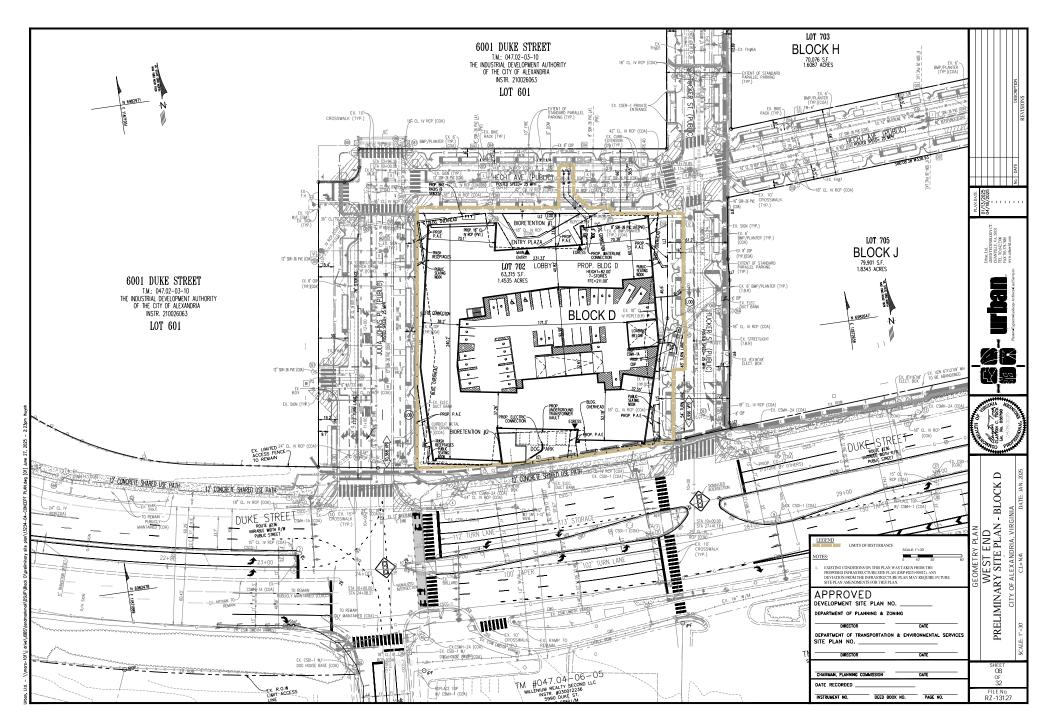


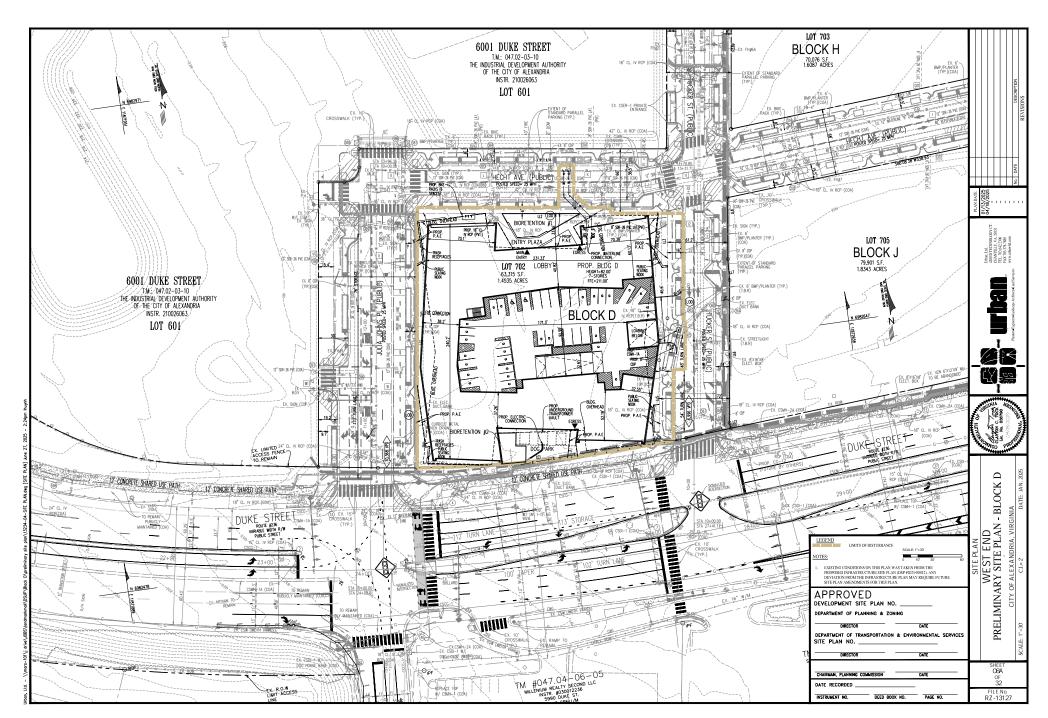


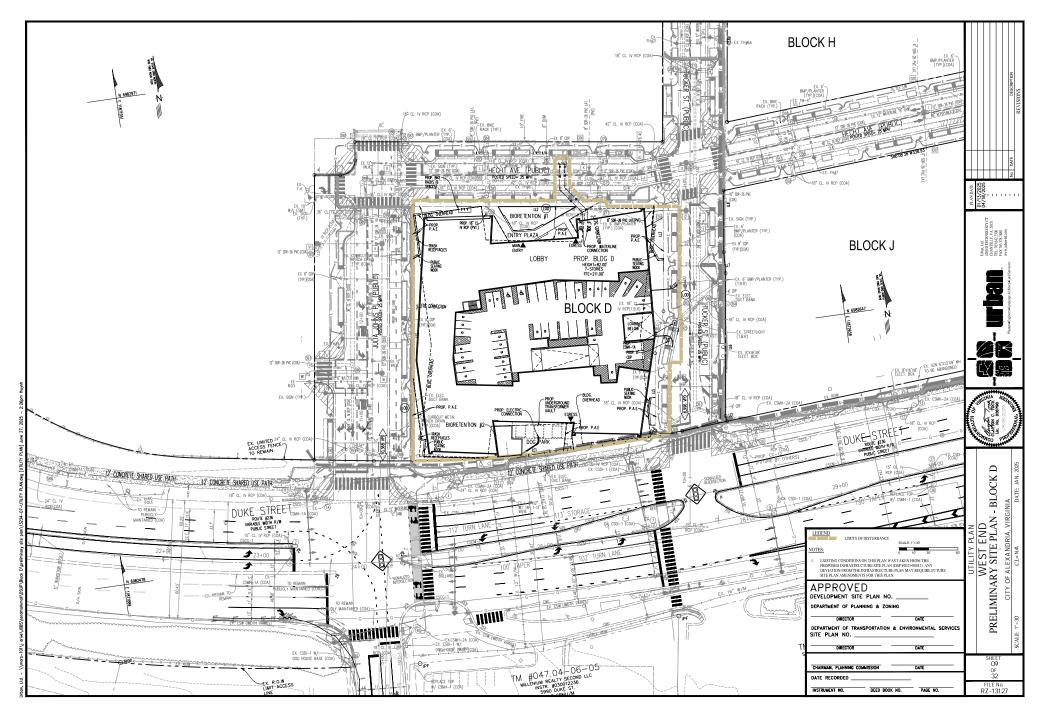


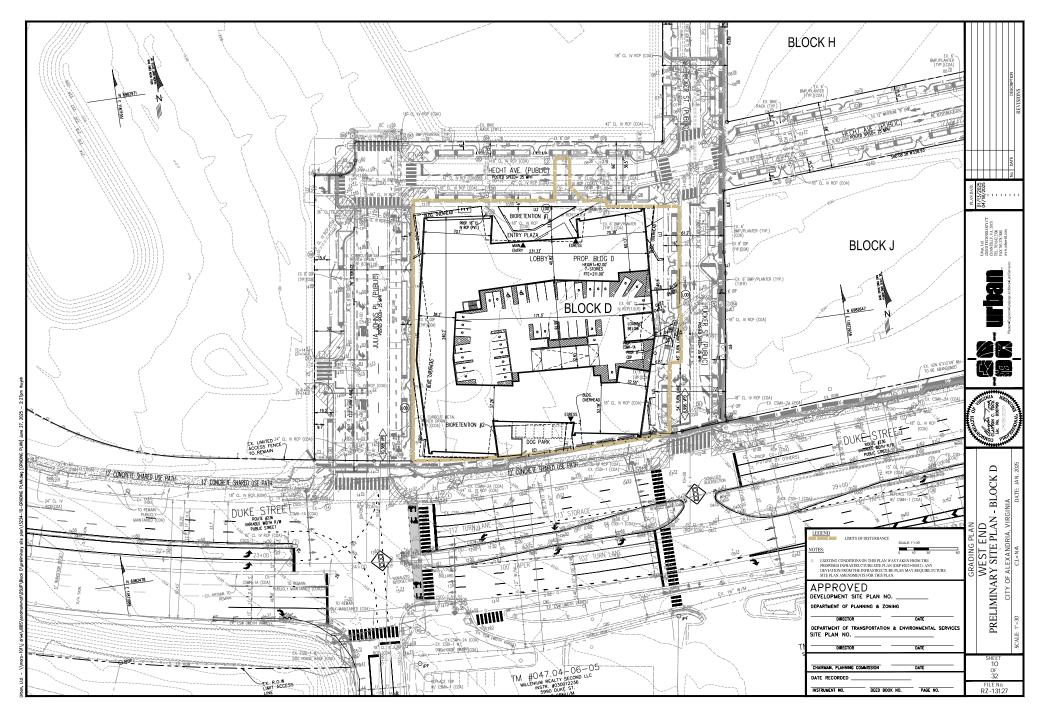


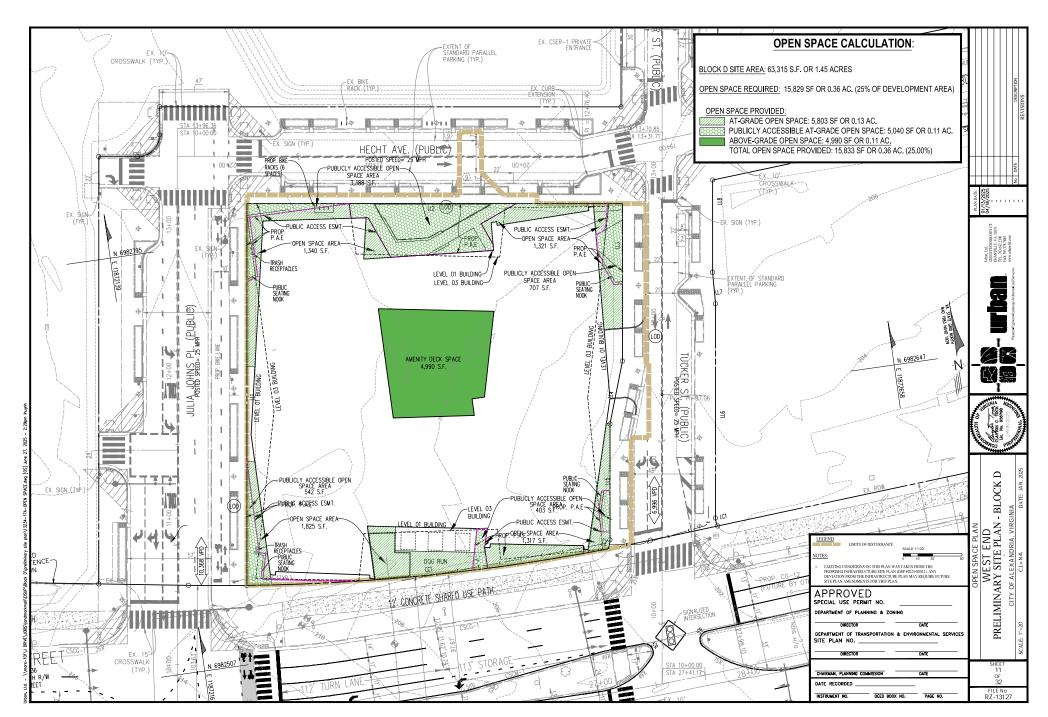


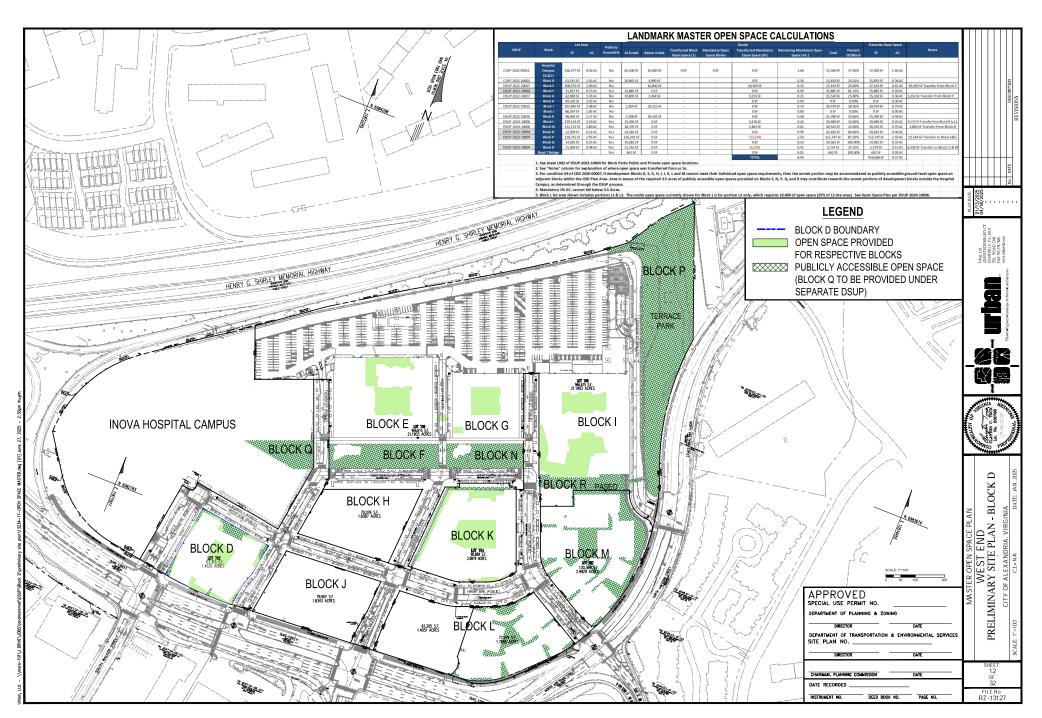


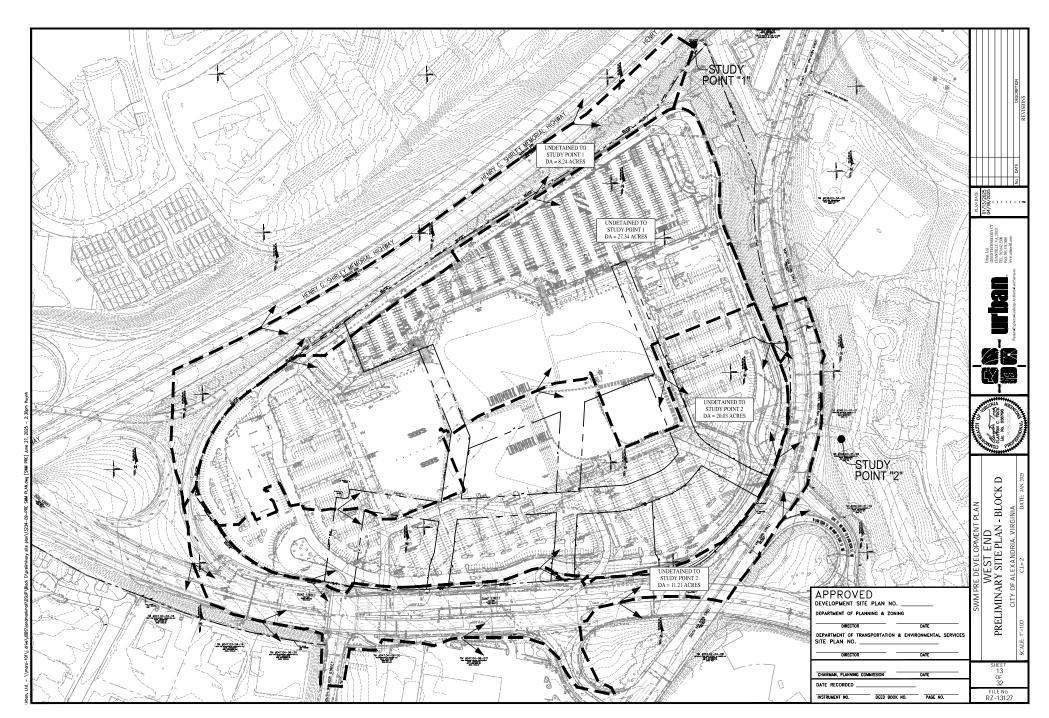


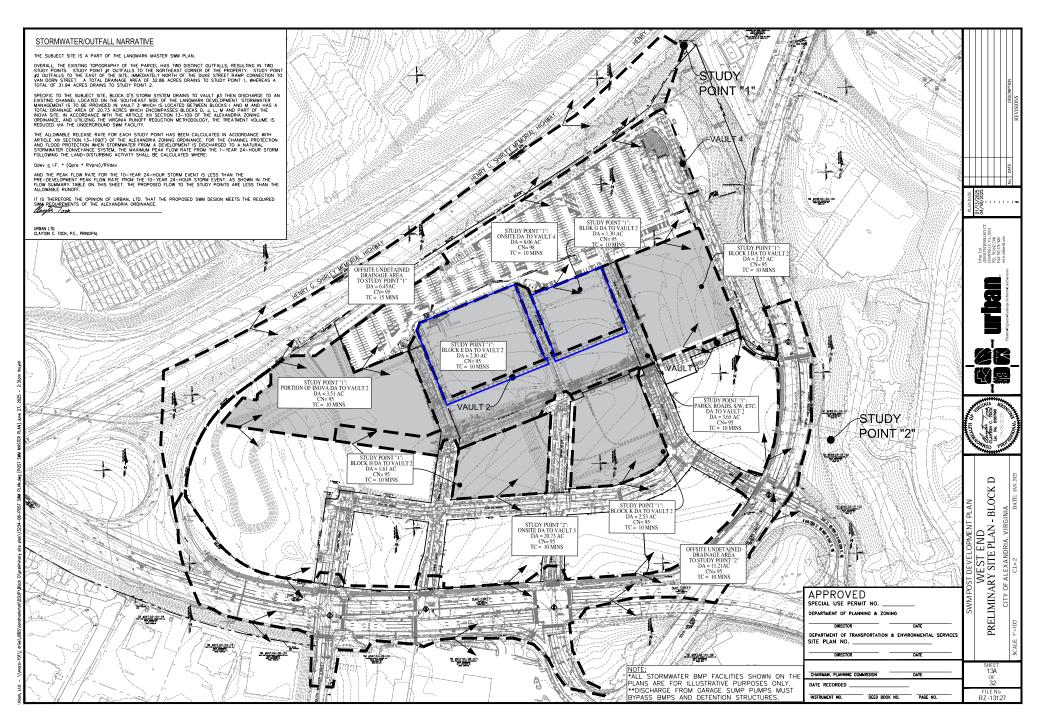












SWM POST - Study Point "2"

Elevation	Surface	Storage	
(feet)		(cubic-feet)	(cfs)
167.90	7,254	0	0.00
168.20	7,254	2,176	0.44
168.50	7,254	4,352	1.24
168.80	7,254	6,529	2.24
169.10	7,254	8,705	2.92
169.40	7,254	10,881	3.46
169.70	7,254	13,057	3.92
170.00	7,254	15,233	4.33
170.30	7,254	17,410	4.70
170.60	7,254	19,586	5.05
170.90	7,254	21,762	5.37
171.20	7,254	23,938	5.67
171.50	7,254	26,114	5.96
171.80	7,254	28,291	6.24
172.10	7,254	30,467	6.50
172.40	7,254	32,643	6.75
172.70	7,254	34,819	7.00
173.00	7,254	36,995	7.23
173.30	7,254	39,172	7.46
173.60	7,254	41,348	7.68
173.90	7,254	43,524	7.90
174.20	7,254	45,700	8.11
174.50	7,254	47,876	8.31
174.80	7,254	50,053	8.51
175.10	7,254	52,229	8.71
175.40	7,254	54,405	8.90
175.70 176.00	7,254 7,254	56,581 58,757	9.08 9.27
176.00	7,254	60.934	9.45
176.60			9.45
176.00	7,254 7,254	63,110 65,286	9.80
177.20	7,254	67,462	9.00
177.50	7,254	69,638	11.46
177.80	7,254	71,815	15.11
178.10	7,254	73,991	19.99
178.40	7,254	76,167	26.86
178.70	7,254	78,343	37.51
179.00	7,254	80,519	50.53
179.30	7,254	82,696	65.19
179.60	7.254	84.872	76.27
179.90	7,254	87,048	85.28
	. ,=0 .	21,010	23100

POST DEVELOPMENT ROUTING SCHEMATIC STUDY POINT '2'

POST OFFSITE VAULT 3 AREA POST

638

[D,J,L,M]

NEW - Vault #3

158

9L

STUDY POINT 2

Volume	Inve	rt Avail.St	orage Storage	Description	
#1	167.9	0' 87,0	148 cf Custom	Stage Data (P	rismatic) Listed below (Recalc)
Elevation		Surf.Area	Inc.Store	Cum.Store	
(fee	et)	(sq-ft)	(cubic-feet)	(cubic-feet)	
167.9	90	7,254	0	0	
179.9	90	7,254	87,048	87,048	
Device	Routing	Invert	Outlet Device	ıs	
#1	Primary	167.90'	36.0" Round	Culvert	
			Inlet/OutletIn	vert=167.90'/1	headwall, Ke=0.200 66.49' S=0.0301'/' Cc=0.900 lght & clean, Flow Area=7.07 sf
#2	Device 1	167.90'		0" H Vert. Orifi	ce/Grate C= 0.600 ads
#3	Device 1	177.28'		0" H Vert. Orifi	ce/Grate C= 0.600 ads
#4	Device 1	178.24		0" H Vert. Orifi ir flow at low hea	ce/Grate C= 0.600 ads

SWM POST OFFSITE Undetained Runoff Calculations

Curve Number Calculations

Area (ac) CN Description 11.210 95 Urban commercial, 85% imp, HSG D 1.682 15.00% Pervious Area 85.00% Impervious Area

Time of Concentration Calculations

To Length Slope Velocity Capacity Description (min) (feet) (ft/ft) (ft/sec) (cfs) Direct Entry

1 Year Flow Calculations

Runoff = 30.45 cfs@ 12.08 hrs, Volume= 82,745 cf Depth>2.03"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-20.00 hrs, dt= 0.01 hrs Landmark Mall 24-hr S1 1-yr Rainfall=2.70"

2 Year Flow Calculations

Runoff = 36.77 cfs@ 12.08 hrs Volume= 101.658 cf Depth>2.50*

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-20.00 hrs, dt= 0.01 hrs Landmark Mall 24-hr S1 2-yr Rainfall=3.20*

10 Year Flow Calculations

Runoff = 55.39 cfs@ 12.08 hrs, Volume= 177,387 cf Depth>4.36*

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-20.00 hrs, dt= 0.01 hrs Landmark Mall 24-hr S1 10-yr Rainfall=5.20*

SWM POST Onsite DETAINED Runoff Calculations

Area (ac) CN Description 20.730 95

Time of Concentration Calculations

Tc Length Slope Velocity Capacity Description (min) (feet) (ft/ft) (ft/sec) (cfs) Direct Entry

1 Year Flow Calculations

Runoff = 56.31 cfs @ 12.08 hrs, Volume= 153,015 cf, Depth> 2.03"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-20.00 hrs, dt= 0.01 hrs Landmark Mall 24-hr S1 1-vr Rainfall=2.70*

2 Year Flow Calculations

Runoff = 68.00 cfs @ 12.08 hrs, Volume= 187,991 cf, Depth> 2.50"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-20.00 hrs, dt= 0.01 hrs Landmark Mall 24-hr S1 2-yr Rainfall=3.20*

10 Year Flow Calculations

Runoff = 102.42 cfs @ 12.08 hrs. Volume= 328.031 cf. Depth> 4.36*

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-20.00 hrs, dt= 0.01 hrs Landmark Mall 24-hr S1 10-yr Rainfall=5.20*

VAULT #3

1 YEAR EVENT SUMMARY 902,999 st, 0.00% Impervious, Inflow Depth > 2.03* for 1-yr event 56.31 cfs @ 12.08 hrs, Volume= 153,015 cf Inflow Area =

149,754 cf Atten= 82% Lag= 32.8 min

Inition view = 15,000 pt. 10,000 pt. 10,000

Plug-Flow detention time=81.3 min calculated for 149.679 cf (98% of inflow)

Center-of-Mass det. time=72.4 min (828.9 - 756.5)
Primary OutFlow Max=10.01 cfs@ 12.63 hrs HW=177.28' (Free Discharge)
12-Culvert (Passes 10.01 cfs of 119.40 cfs potential flow)

-2=Orifice/Grate (Orifice Controls 10.01 cfs @ 14.41 fps) -3=Orifice/Grate (Controls 0.00 cfs) -4=Orifice/Grate (Controls 0.00 cfs)

184,345 cf. Atten= 67% Lag= 18.6 min

Plug-Flow detention time=75.7 min calculated for 184,253 cf (98% of inflow)

Prigr-irow determinal mine=17.5 min (812)3 - 751.8)
Primary OutFlow Max=22.55 cfs@ 12.39 hrs HW=178.24' (Free Discharge)
1=Culvert (Passes 22.55 cfs of 126.47 cfs potential flow)

=2=Orifice/Grate (Orifice Controls 10.53 cfs @ 15.16 fps)

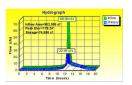
-3=Orifice/Grate (Orifice Controls 12.02 cfs @ 3.14 fps) 4=Orifice/Grate (Controls 0.00 cfs)

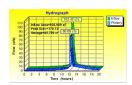
ow Depth > 4.36" for 10-yr event 328,031 cf 322,649 cf Atten= 22% Lag= 5.0 min 322,649 cf

Routed to Link 9L : STUDY POINT 2
Routing by Stor-Ind method, Time Span= 0.00-20.00 hrs, dt= 0.01 hrs
Peak Elev= 179.72@ 12.17 hrs Surf.Area= 7,254 sf Storage= 85,759 cf

Plug-Flow detention time=60.3 min calculated for 322,649 cf (98% of inflow) Center-of-Mass det. time=53.0 min (791.7 - 738.7)

Center-of-Mass det. time-63.0 min (7917 - 738.7) Frirany OutFlow Max=80.0 7 ds (\$\frac{1}{2}\$ 16.7 \text{ kW=179.72}\$ (Free Discharge) \$\frac{1}{2}\$-cluyert (Passes 80.07 ds of 136.68 ds potential flow) \$\frac{1}{2}\$-20-frifice(Grate (Orlifice Controls 11.29 ds (\$\frac{1}{2}\$ 6.00 fs) (\$\frac{1}{2}\$ 6.00 fs) \$\frac{1}{2}\$ -0-frifice(Grate (Orlifice Controls 4.5 20 ds) \$\frac{1}{2}\$ 6.5 fs) \$\frac{1}{2}\$-40-frifice(Grate (Orlifice Controls 3.5.75 ds) 4.71 fps)





STUDY POINT 2 SWM POST FLOWS

1 Year Flow Calculations

Inflow Area = 1,391,306 st, 29.83% Impervious, Inflow Depth > 2.01" for 1-yr event

2 Year Flow Calculations

10 Year Flow Calculations

 Inflow Area =
 1,391,306 st
 29.83% Impervious
 Inflow Depth > 4.31"
 for 10-yr event

 Inflow =
 126.23 drs@ 12.14 hrs, Volume=
 500,036 cf
 Attention

 Primary =
 126.23 drs@ 12.14 hrs, Volume=
 500,036 cf
 Attention
 Primary outflow = Inflow, Time Span= 0.00-20.00 hrs, dt= 0.01 hrs

ENERGY BALANCE METHOD TO STUDY POINT "2"



Q Developed 37.59

APPROVED SPECIAL USE PERMIT NO. DEPARTMENT OF PLANNING & ZONING DIRECTOR

DEPARTMENT OF TRANSPORTATION & ENVIRONMENTAL SERVICES SITE PLAN NO. DIRECTOR DATE

CHAIRMAN, PLANNING COMMISSION DATE RECORDED DEED BOOK NO. PAGE NO.

WE PRELIMINARY S 15 0F 32 FILE No. R7-13127

LOCK

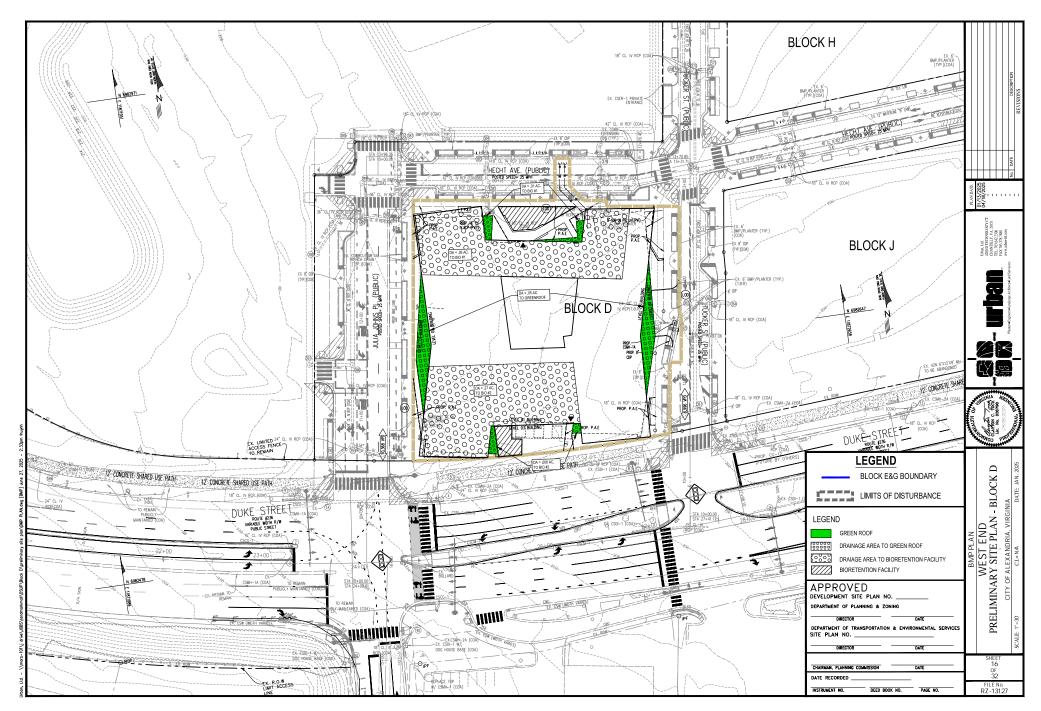
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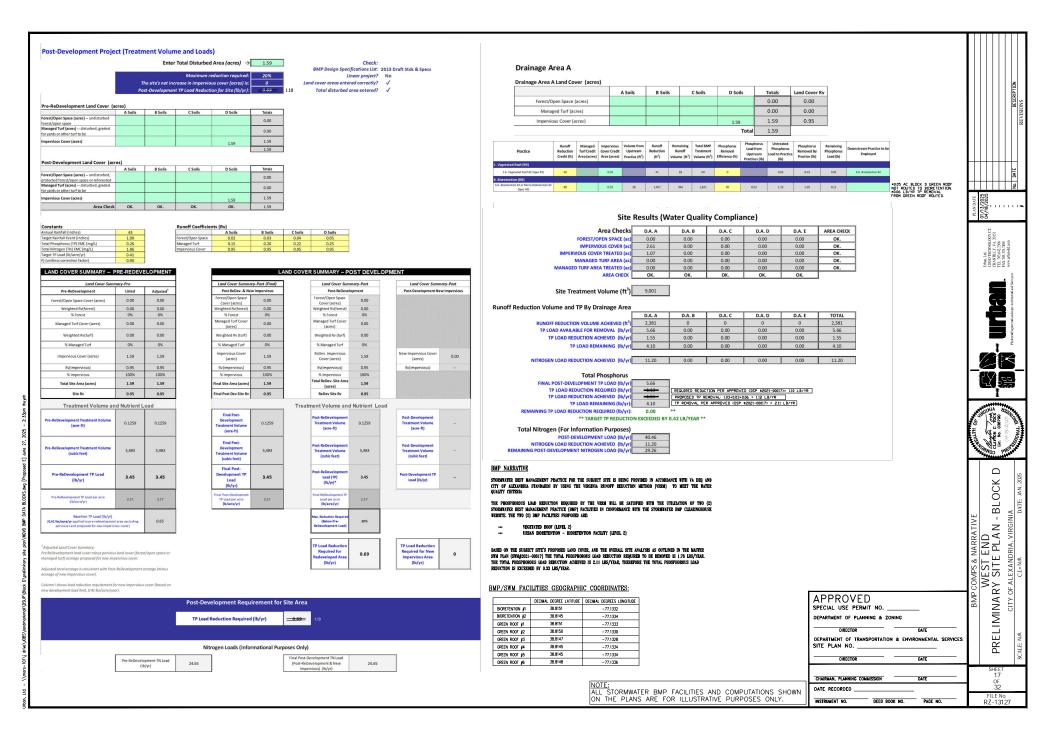
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END

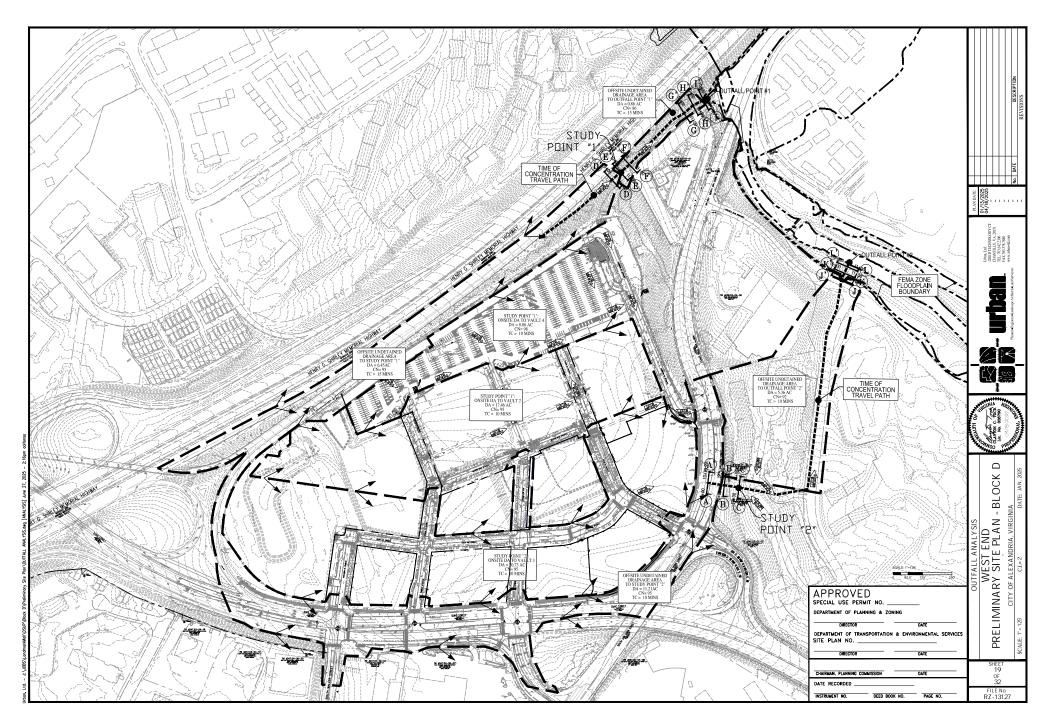
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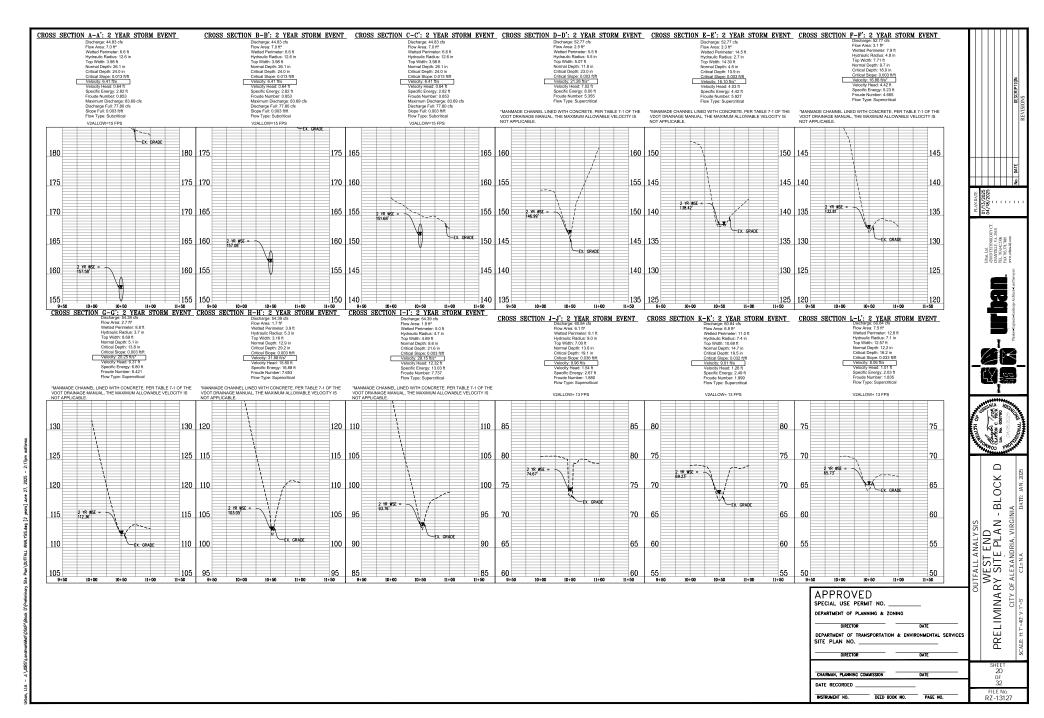
CITY OF ALEXANDRIA, VIRGINIA

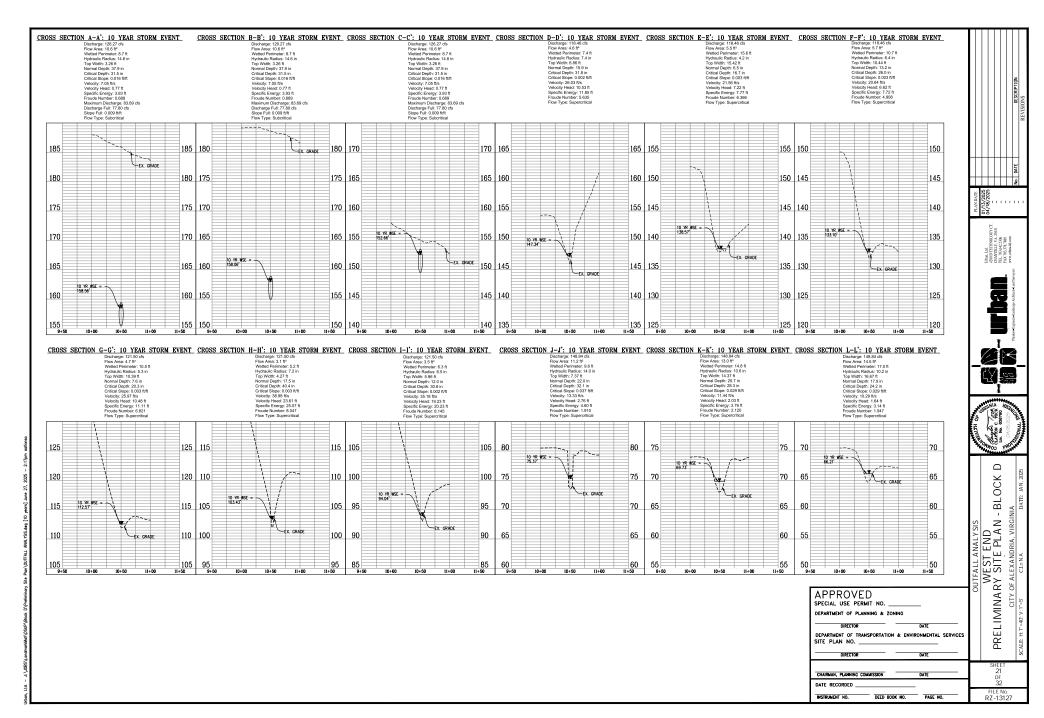




	PROPOSED BMP COMPUTATIONS FOR BLOCK D	MI E REVIOUN KESEBITON
		No.
	Project Description Development or Redevelopment	PLANDATI 01/13/202 04/18/202
	Drainage Area	Urber, Lat. CAND FEGINOLOGY CT. CAND FEGINOLOGY CT. CAND TEL 700 A 701 ST. FLA. 702
	BMP Type Area treated by Impervious area treated by BMP (acres) BMP (acres) BMP (acres) BMP (acres) BMP (acres) BMP (acres) 50 %	France Englisher Anthread Land Str
	<u>Miscellaneous</u>	
	Total WOV treated: VS no Detention on site: VS no Project is within which watershed? HOLMES RUN WATERSHED	
huku	Project discharges to which body of water? HOLMES RUN	# 100 Market
2:44pm II		1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
27, 2025 -		No.
E] June 2		
wov [WOV		CK I
TA BLOCKS	PROPOSED WQV_TREATMENT: TOTAL SITE MATERIOUS AREA = 1.50 AC OR 00,243 SF	3LO SILO
AD BANP DA	SITE TOY REQUIRED = 1.10 TP REMOVAL PER YEAR REQUIRED (PER MASTER SHIM PLAN gener-1-00017) = 1,807 CF (BIORETENTION LEVEL 2)	N - I
e plan/WO	SITE WAY PROPESSED = 60 CF + 1,821 CF + 172 CF = 2,062 CF (SEE SERENT IS FOR TOTAL DAP TREATMENT VOLUME VALUES)	WEST END WEST END INARY SITE PLAN - BLC CITY OF ALEXANDRIA, VIRGINIA CLENA DATE:
liminory sit		P DAT
Slock D\pre		WE WE SY S
nall\DSUP\	APPROVED SPECIAL USE PERMIT NO	WQV INAI
\landmarkn	DEPARTMENT OF PLANNING & ZONING DIRECTOR DATE	
drive\J08S	DEPARTMENT OF TRANSPORTATION & ENVIRONMENTAL SERVICES SITE PLAN NO	WQVD BMP DATA BLOCKS WEST END PRELIMINARY SITE PLAN - BLOCK CITY OF ALEXANDRIA, VIRGINIA CLENA DATE JAN, 2022
mars-101\	ORECTOR DATE	SHEET 18
rtd //	NOTE: ALL STORMWATER BMP FACILITIES AND COMPUTATIONS SHOWN ON THE PLANS ARE FOR ILLUSTRATIVE PURPOSES ONLY. CHARMAN, FLANHING COMMISSION DATE DATE RECORDED INSTRUMENT NO. DEED BOOK NO. PAGE NO.	OF 32
ų,	ON THE PLANS ARE FOR ILLUSTRATIVE PURPOSES ONLY. INSTRUMENT NO. DEED BOOK NO. PLACE NO.	FILE No. RZ-13127







SWM ADEQUATE OUTFALL NARRATIVE:

THE EXISTING TOPOGRAPHY OF THE PARCEL HAS TWO DISTINCT OUTFALLS, RESULTING IN TWO STUDY POINTS, STUDY POINT #1 OUTFALLS TO THE NORTHEAST CORNER OF THE PROPERTY. STUDY POINT #2 OUTFALLS TO THE EAST OF THE STEE, MEMBRATELY NORTH OF THE OUTFALS THE TRANSPOONMECTION TO VAN DORN STREET. A TOTAL PRE-DEVELOPMENT DRAINAGE AREA OF 35.58 AGRES DRAINS TO STUDY OF DOINT, WHILE A TOTAL PRE-DEVELOPMENT DRAINAGE AREA OF 37.54 AGRES DRAINS TO STUDY ON THE STUDY TO STUDY POINT, WHILE A TOTAL PRE-DEVELOPMENT DRAINAGE AREA OF 37.54 AGRES DRAINS TO STUDY FOR THE STUDY T

STORMMATER MANAGEMENT IS TO BE PROVIDED IN THREE SEPARATE STORMMATER MANAGEMENT VAULTS; VAULT 2, 3, AND 4. VAULT 2 IS LOCATED MANEDATELY SOUTH OF BLOCKS EAG AND HAS A DRANAGE AREA OF 17-86 ACRES. VAULT 3 IS LOCATED SOUTH OF BLOCK I AND HAS A DRANAGE AREA OF 27-27 ACRES. VAULT 4 IS LOCATED EACH OF THE EXISTING PARKING STRUCTURE AND HAS A DRANAGE AREA OF 26 ACRES. VAULT 4 IS LOCATED EACH OF THE EXISTING PARKING STRUCTURE AND HAS A DRANAGE AREA OF 86 A GARES. IN ACCORDANCE WITH THE ARTHER LYSIN SCRION 13-DO OF THE ALEXAMERA ZONING ORDINANCE, AND UTILIZAND THE VIRGINA BLOOFF REDUCTION METHODOLOGY, THE TREATMENT VOLUME IS REDUCED VALUE FOR LORGANIZATION AFFAILED.

THE ALLOWABLE RELEASE RATE FOR EACH STUDY POINT HAS BEEN CALCULATED IN ACCORDANCE WITH ARTICLE XIII SECTION 13-109(F) OF THE ALEXANDRIA ZONING ORDINANCE. FOR THE CHANNEL PROTECTION AND FLOOD PROTECTION WHEN STORMANTER FORM DEVELOPMENT IS DISCHARGED TO A NATURAL STORMANTER CONVEYANCE SYSTEM, THE MAXIMUM PEAK FLOW RATE FROM THE THEAT 24-HOUR STORM FOLLOWING THE LAW-DISCHIMBRIAGE ACTIVITY SHALLE EC ALCULATED MERCH:

Qdev ≤ I.F. * (Qpre * RVpre)/RVdev

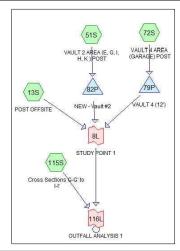
AND THE PEAK FLOW RATE FOR THE 10-YEAR 24-HOUR STORM EVENT IS LESS THAN THE PRE-DEVILOPMENT PEAK FLOW RATE FROM THE 10-YEAR 24-HOUR STORM EVENT. AS SHOWN IN THE FLOW SUMMARY TABLE ON INFRASTRUCTURE STE PLAN (059/2021-00012) SHEET 123. THE PROPOSED FLOW 10 THE STUDY POINTS ARE LESS THAN THE ALLOWBRIE RUNOFF.

IT IS THEREFORE THE OPINION OF URBAN, LTD. THAT THE PROPOSED SWM DESIGN MEETS THE REQUIRED SWM REQUIREMENTS OF THE ALEXANDRIA ORDINANCE.



URBAN LTD. CLAYTON C. TOCK, P.E., PRINCIPLE

POST-DEVELOPMENT NODE SUMMARIES FOR OUTFALL POINT #1



POST-DEVELOPMENT 2-YEAR OUTFALL POINT #1

Primary outflow = Inflow, Time Span= 0.00-20.00 hrs, dt= 0.01 hrs

POST-DEVELOPMENT 10-YEAR OUTFALL POINT #1

Inflow Area = 1,429,944 sf , 41,25% Impervious , Inflow Depth > 4.37" for 10-yr event Inflow = 121,50 cfs @ 12.15 firs , Volume= 520,368 cf | 21,515 rs , Volume= 121,50 cfs @ 12,15 rs , Volume= 520,368 cf , Atten= 0% , Lag= 0.0 min

37.30

92

92

0.13%

0.14% 37.30

Primary outflow = Inflow. Time Span= 0.00-20.00 hrs. dt= 0.01 hrs

IOSS SECTIONS SWALE TYPE DESCRI

D-D"

E-E

F-F'

G-G

H-H

1-1"

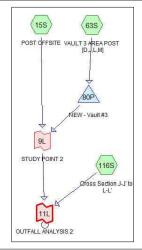
J-J*

K-K'

EXISTING MANMADE CHANNEL-OFFSITE

EXISTING MANMADE CHANNEL-OFFSITE

POST-DEVELOPMENT NODE SUMMARIES FOR OUTFALL POINT #2



POST-DEVELOPMENT 2-YEAR OUTFALL POINT #2

 Inflow Area = Inflow Area = Inflow = Primary = 60.84 cfs @ 12.09 hrs , Volume= 332,597 cf , Atten=0%, Lag=0.0 min
 1,624,676 sf , 34.88% [Impervious , Inflow Depth > 2.46° for 2-yr event and 232,597 cf and

Primary outflow = Inflow, Time Span= 0.00-20.00 hrs, dt= 0.01 hrs

POST-DEVELOPMENT 10-YEAR OUTFALL POINT #2

| Inflow Area = | 1,824,876 sf , 34,88% | Impervious , | Inflow Depth > 4,30° | for 10-yr event | 148,84 cfs @ 12,13 hrs , Volume= 582,638 cf , Atten=0% , Lag=0.0 min

Primary outflow = Inflow. Time Span= 0.00-20.00 hrs. dt= 0.01 hrs

				OUTFAL	L ANALYS	S COMPUTA	TION SUMMAR	Y				
SWALE TYPE DESCRIPTION:	AVG. CHANNEL SLOPE (%):	DRAINAGE AREA (AC):	CN FACTOR:	Tc (MIN):	ROUGHNESS COEFFICIENT:	2 YEAR FLOW (CFS):	2 YEAR VELOCITY (FPS):	2 YEAR NORMAL DEPTH (FT):	10 YEAR FLOW (CFS):	10 YEAR VELOCITY (FPS):	10 YEAR NORMAL DEPTH (FT):	CHANNEL LINING:
EXISTING MANMADE CHANNEL-OFFSITE	0.10%	31.97	96	10*	0.013	52.77	21.26	0.98	118.46	26.03	1.33	EX. CONCRETE LINING
EXISTING MANMADE CHANNEL-OFFSITE	0.14%	31.97	96	10*	0.013	52.77	16.10	0.40	118.46	21.56	0.54	EX. CONCRETE LINING
EXISTING MANMADE CHANNEL-OFFSITE	0.08%	31.97	96	10*	0.013	52.77	16.86	0.81	118.46	20.64	1.10	EX. CONCRETE LINING
EXISTING MANMADE CHANNEL-OFFSITE	0.15%	32.83	86	15*	0.013	54.39	20.25	0.43	121.50	25.97	0.63	EX. CONCRETE LINING
EXISTING MANMADE CHANNEL-OFFSITE	0.23%	32.83	86	15*	0.013	54.39	31.88	1.08	121.50	38.98	1.46	EX. CONCRETE LINING
EXISTING MANMADE CHANNEL-OFFSITE	0.21%	32.83	86	15*	0.013	54.39	28.15	0.72	121.50	35.18	1.00	EX. CONCRETE LINING

9.96

9.01

1.13

1.23

1.02

148.84

148.84

13.33

11.44

1.83

1.73

EX. RIP RAP LINING

EX. RIP RAP LINING

APPROVED SPECIAL USE PERMIT NO DEPARTMENT OF PLANNING & ZONING DIRECTOR DATE DIRECTOR DATE DIRECTOR DATE	W PRELIMINARY	CITY OF ALEXANDRIA, VIRGINIA SCALE: NA. C.I.= NA. D
CHAIRMAN, PLANNING COMMISSION DATE DATE RECORDED	SHEET 22 OF 32	
INSTRUMENT NO. DEED BOOK NO. PAGE NO.	FILE N RZ-131	o. 127

- BLOCK

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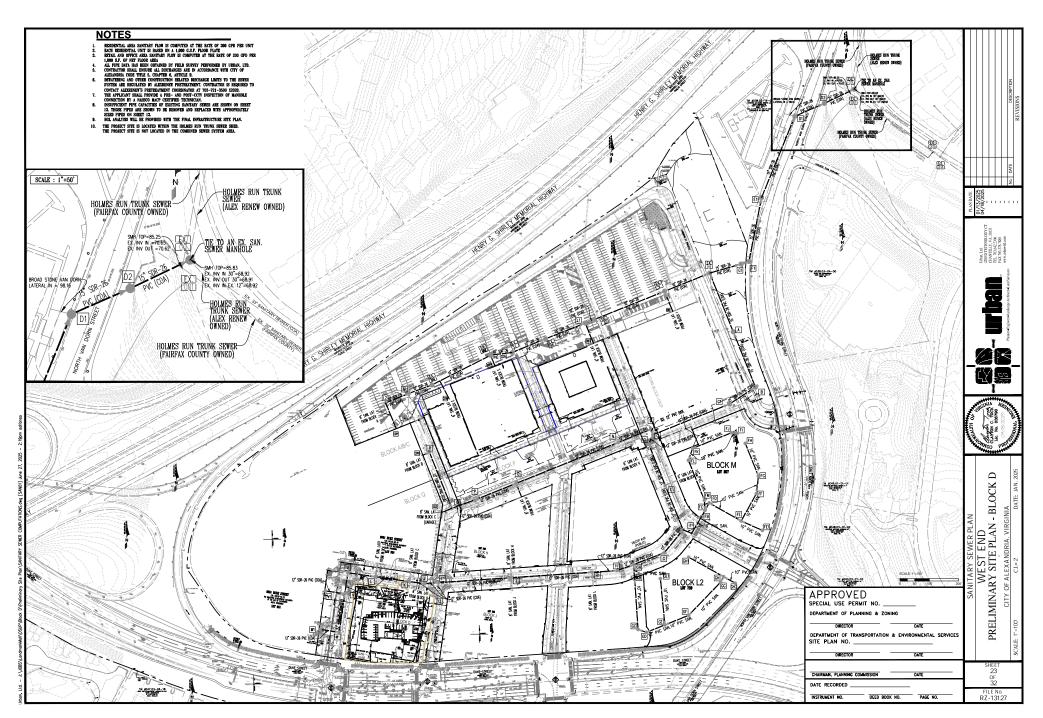
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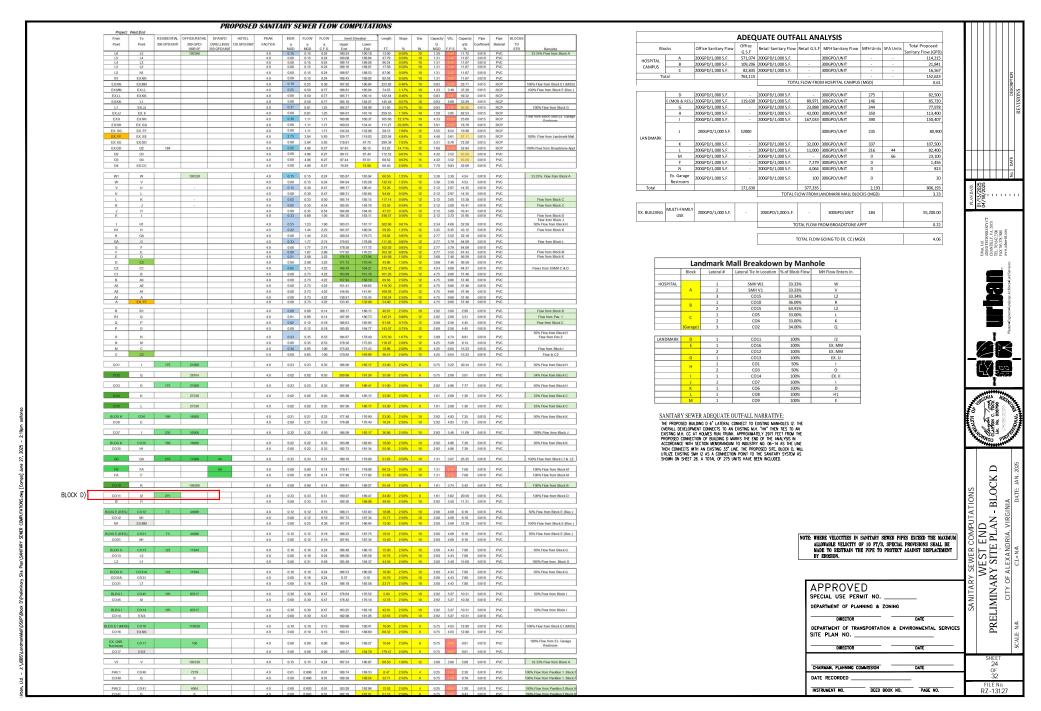
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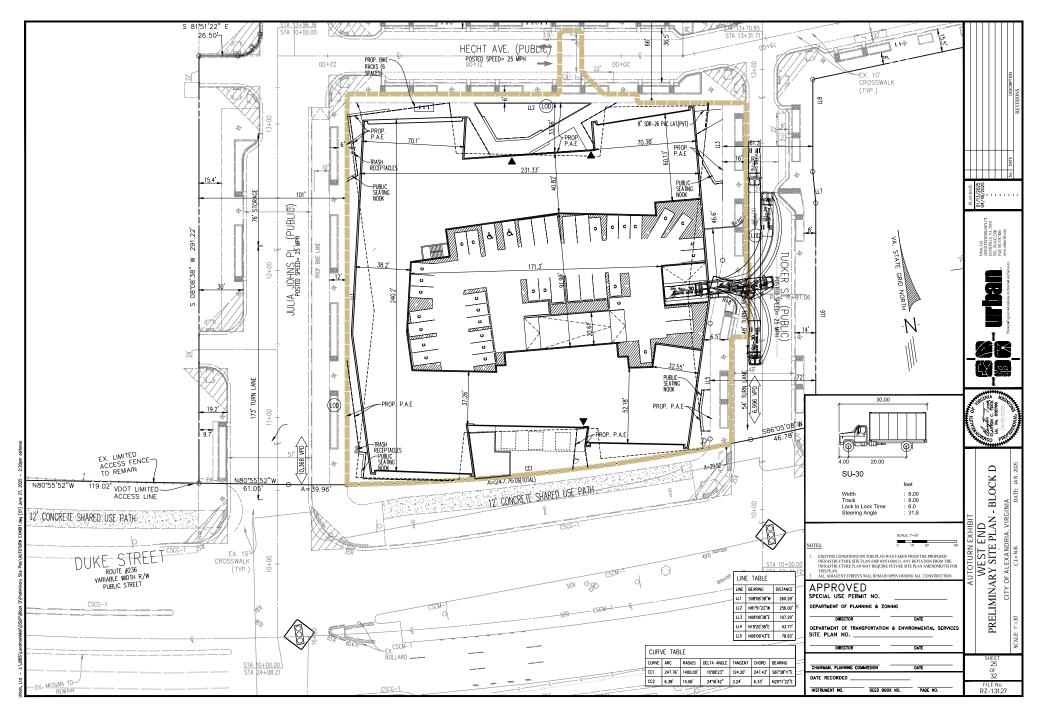
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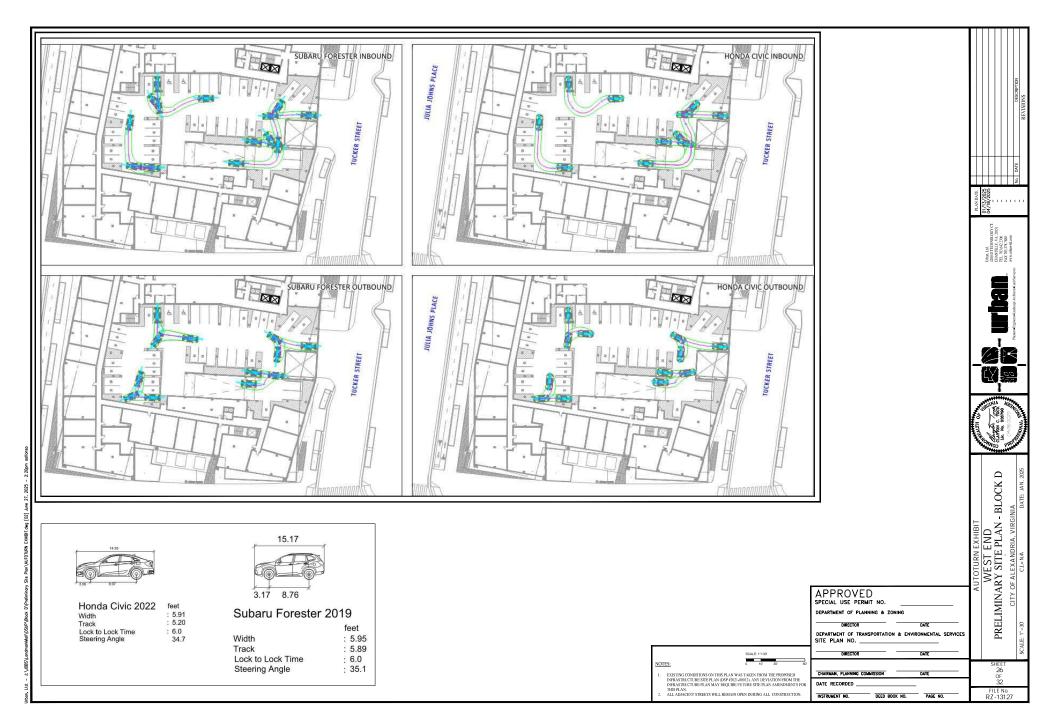
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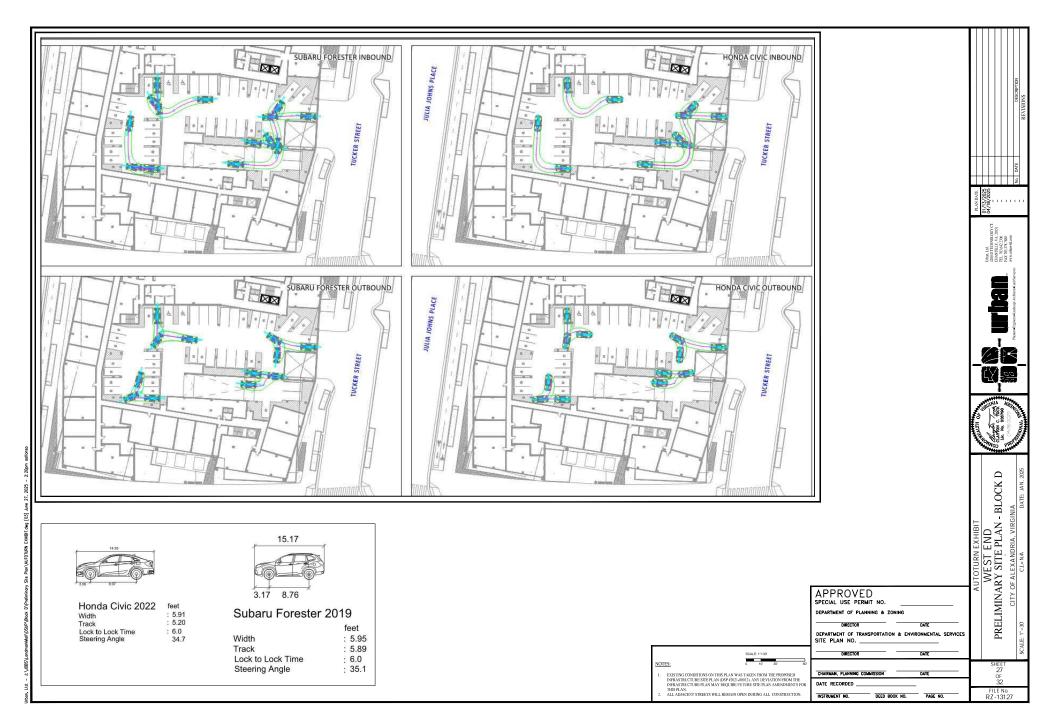
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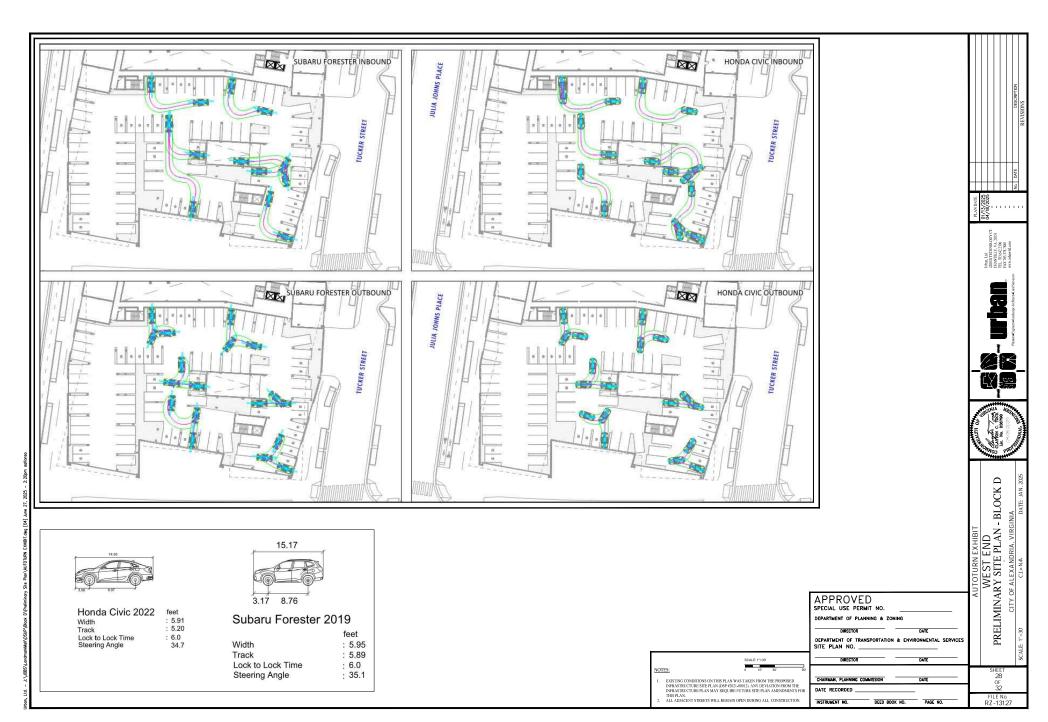


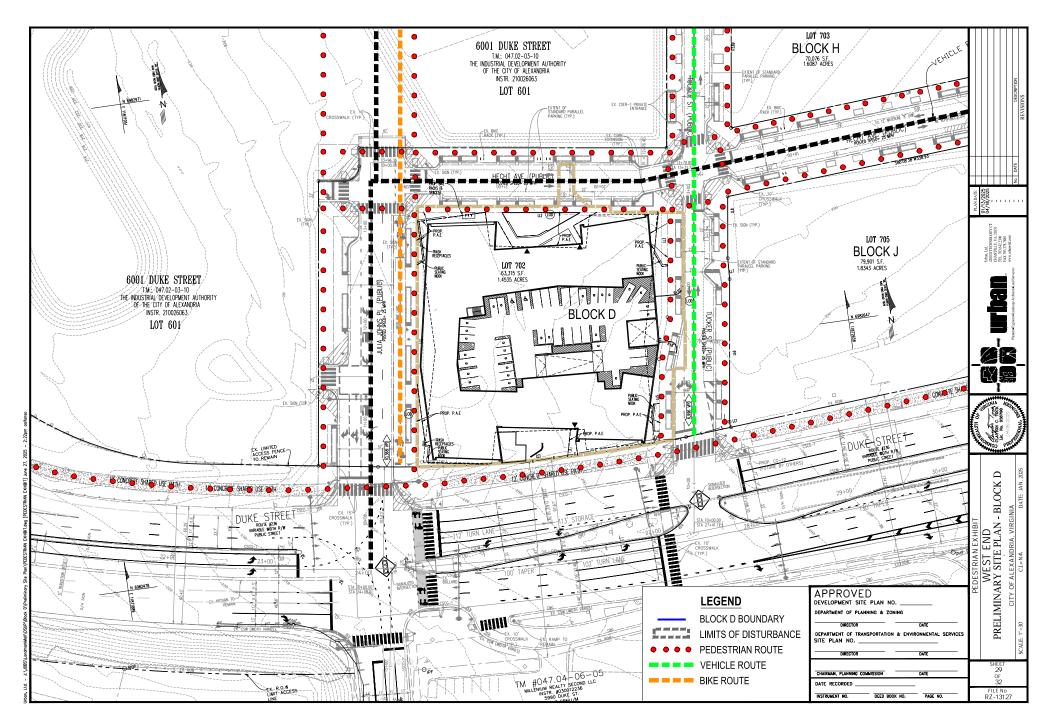


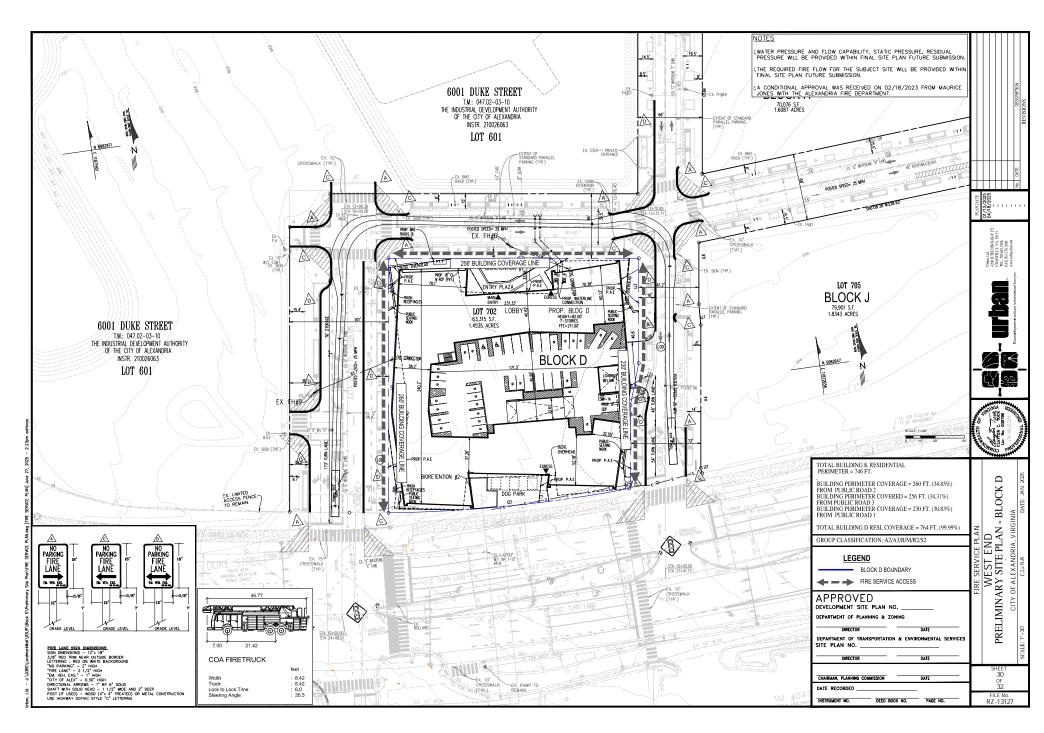


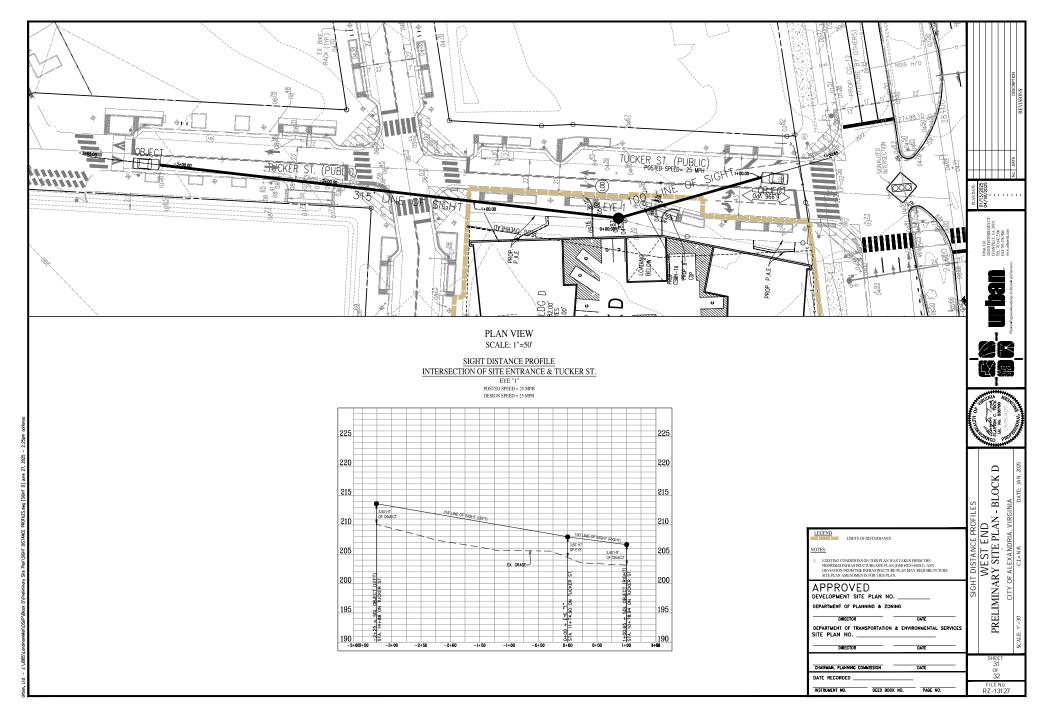


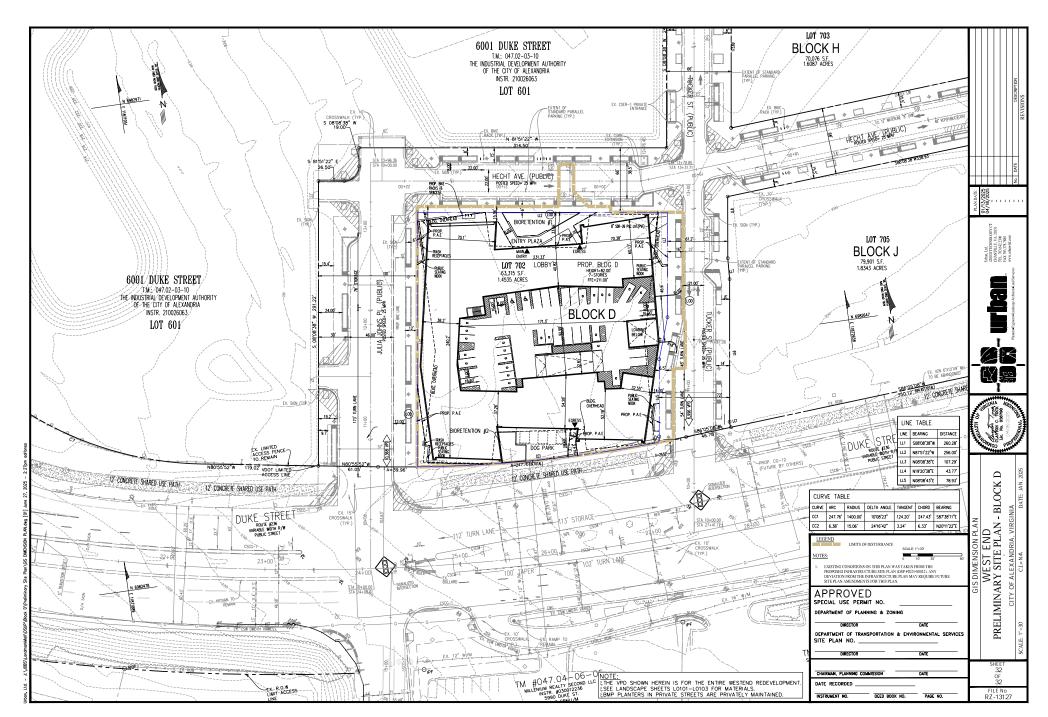


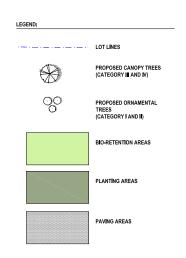












A) STANDARD LANDSCAPE PLAN NOTES FOR ALL PLANS REQUIRING APPROVAL:

THE FEATURES WITS SHALL SE PROMISE ON LANGUARY FAN SHARMONG FOR ALL PROCESTS AND REQUISE WHORK, HE HE OFF AS OWNER IS OF THE OWNER OF THE MEMORY CONTRACT.

"THE PROMISE OWNER OF THE OWNER AND ADMINISTRATION OF PARK WHITH, ARE RESPONDED FOR ADMINISTRATION AND ADMINISTRATION OF THE MEMORY AND ADMINISTRATION OF THE MEMORY AND ADMINISTRATION OF THE OWNER ADMINISTRATION OF THE ADMINISTRATION OF THE

THE CITY-APPROVED LANDSCAPE PLAN SUBMISSION, INCLIDING PLANT SCHEDLE, NOTES AND DETAILS SHALL BE THE DOCUMENT USED FOR INSTALLATION PURPOSES AND ALL PROCEDURES SET FORTH IN TH ANDSCAPE OCCURRED WOTE OF COLUMNO. THE COMMENTS SHALL ON INTERFER WITH ANY THE PROTECTION MAGNES OR WARET ANY DISTRICT VESTERION SCHEDURG FOR THE APPROVED THEE WAS VESTERION PLANT.

ITHE COMMANDER SHALL NOT INTERFEE WITH ANY THEE PROSECTION MANGERS OR WANCE MAY DESTING VESCHOON CONTINGS TO BE PRESENTED FOR THE APPROVED THEE MAY VESCHOON PLAN.

WHAT CHARGES, ALTERNATING OR MODIFICATIONS TO THE SITE CONDITIONS THAT AFFECT VESCHOON PROSECTIONS PLAN.

MANUFACTURES, ALTERNATING OR MODIFICATIONS TO THE SITE CONDITIONS THAT AFFECT VESCHOON PROSECTIONS PLAN.

MANUFACTURES, ALTERNATING OR MODIFICATIONS TO THE SITE CONDITIONS THAT AFFECT VESCHOON PROSECTION PLAN.

MANUFACTURES, ALTERNATING OR MODIFICATIONS TO THE SITE CONDITIONS AND AFFECT VESCHOON PROSECTION PLAN.

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MANUFACTURES, ALTERNATION OR THE PROSECTION PLAN.

MANUFACTURES, ALTERNATION PLAN.

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Systemation of first weight during the first the first that the state of the first the control was not the first the control of the first that the first the first t

SUMMITEMANCE FOR THIS PROJECT SHALL BE PERFORMED BY THE OWNER, APPLICANT, SUCCESSOR(S) AND/OR ASSIGN(S) IN PERPETUITY AND IN COMPLIANCE WITH CITY OF ALEXANDRA LANDSCAPE GUIDELINES AN

B) STANDARD LANDSCAPE PLAN NOTES FOR DEVELOPMENT SITE PLANS:

IN ADDITION TO THE NOTES PROMOED ABOVE, THE FOLLOWING NOTES SHALL BE PROVIDED ON LANDSCAPE PLAN SUBMISSIONS FOR ALL DSP/DSUP PROJECT

THE APPROXISATIONS NETWORK OF PRINCEDON WATER IN PLACE FOR ALL VERSIONS ON SEPERATION OF SHEETINGS AND AUGUST TO HE PROJECT SITE PRINCIPANE TO THE APPROXIS FOR ANY SEPERATION FOR ANY S

27HE PRIVATE WAS CONNET OF PAZ PROJECT WANGER PRIOR TO COMMISSIONER OF LINESCAPE WISHLANDON/MATRIC OPERATION TO SCHOOL A PRE-MEDILLATION WEITHER. THE WEITHER SHOULD BE HELD SETTING THE APPLICANT'S CHEEK, CONTINUED, LINESCAPE CONTINUED, LINESCAPE ARCHITECT, THE PRZ PROJECT WANGER AND THE CITY AMERIKET (AS APPLICABLE) TO SENDE THE SOCKE OF INSTALLATION PROCESSES AND PROCESSES GRADE AND AFTER STRULLATION.

INSTALLATION PROCESSES AND PROCESSES CHARGE AND ATTER INSTALLATION.

3) THE FOLLOWING INFORMATION SHALL BE PROVIDED TO THE PAST PROJECT INHANCER AT LIJEST FINE (S) BUSINESS BASE FROM TO THE LANGSCAPE FINE-INSTALLATION MEETING. 1) A LITTER THAT CERTIFIES THAT

HEACHT LANGSCAPE AMONITURE THEORY SHE'S SALICION RECOME FOR ALL TRESS PROPRISE WHITH THE PROJECT BOTH OF MAY AND ON FURICE LAND PROPR TO INSTALLATION. THE LITTER WHITH BIS

SHE-BULT DRIVINGS FOR THIS LINESCAPE MOJOR REGISTOR/NATTH INMACRISTS PISTOR WILL BE PROVIDED IN COMPUNES WITH OFF OF ALCOMODIA LINESCAPE CURSILLES, THE CITY COSE OF DRIVINGS MOD AND ALL APPLICABLE FLAX REPREMENTS OFFICIALLY REPREMENTS SHELL ROCKEDE, QUARTER AND SEPERATION OF ALL INSERTION OF AL

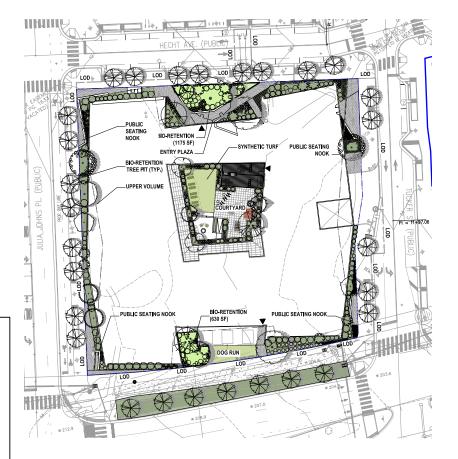
STANDARD LANDSCAPE PLAN NOTES

NOT TO SCALE

CITY OF ALEXANDRIA, VIRGINIA
STANDARD LANDSCAPE DETAILS
CITY OF ALEXANDRIA, VIRGINIA
CITY OF ALEXANDRIA, VIRGINIA

NOTE:
THE INFORMATION SOME HEREIN THIS DOCUMENT IS FOR CEREIRAL, GUDANCE OILLY AND IS NOT INTER-CONSTRUCTION PROPOSES; ITS USE SHALL NOT RELEVE THE DESIGN PROPESSIONAL, OR CONTRACTOR (
LEGAL, RESPONSIBILITY.

| Source | STANDARD | LANDSCAPE | PLAN NOTES | Office drawn | Office | Offi



ParkFowler Plus

917 674 1996 625 West Adams, Floor 19 Chicago, Illinois 60661

LANDSCAPE ARCHITECT:



202 857 9720 1025 Connecticut Avenue, NW Suite 100



06/30/25 ISSUE FOR 100%:

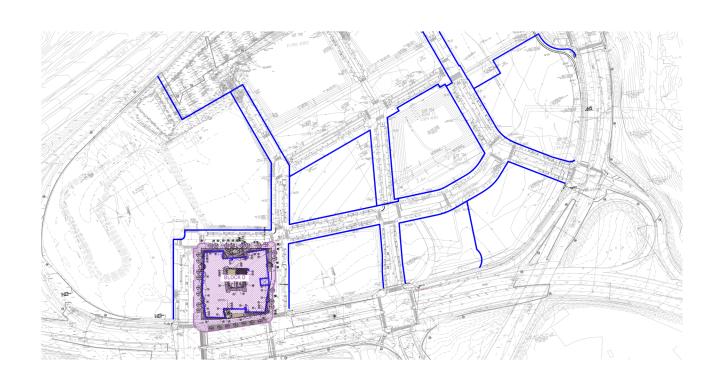
DVED
PERMIT NO.
LANDMARK - BLOCK D
Landmark Land Holdings, LLC
24000

5801 Duke Street, Block D Alexandira, Virginia 22304

LANDSCAPE PLAN

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SCALE: 1"=20'









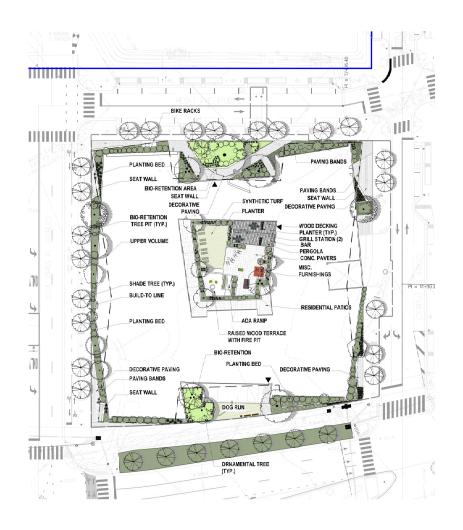
LANDMARK - BLOCK D

Landmark Land Holdings, LLC 24009 5801 Duke Street, Block D Alexandira, Virginia 22304

REFERENCE PLAN

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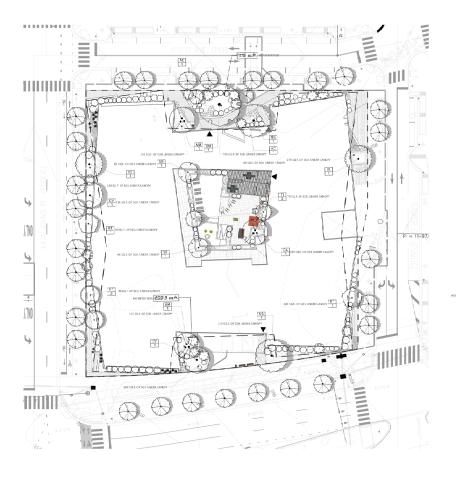
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SCALE: 1"=20"

Landmark Land Holdings, LLC 24009

5801 Duke Street, Block D Alexandira, Virginia 22304 HARDSCAPE PLAN

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DEPARTMENT OF PLANNING & ZONING LANDMARK - BLOCK D Landmark Land Holdings, LLC 24009

5801 Duke Street, Block D Alexandira, Virginia 22304

TREE PLANTING PLAN

© 2325 ParkFowler Plus, LLC

SCALE: 1"=20"

AT SOURLE	_	Jane 23, 1921		_							_		
LANTTYPE	UNN	ORMATION			DEASIC/COPINON SAME		SCI	NOTES	CROWN CO	FER ALLOYMANCE (SCA)	NATTAK	PLANTS PRO	CHOIN
	PLAN KEY	QBASTITY	GIMLS	SPECKS	VA.R/CHITIMA/HTIRID	COMMOVEMMI	CALPENHIGHT		DOM MER TIMES (SIP)	EQUAL CROWN COVER (67)	LOGAL!	ESSTERN U.S. (H)	TOTAL
	MW	1	Magnolio	macrophylia		BigLoof mag solo	2"-F oil, 12-149, %.	Milk multisters; full searching	900	500			
	10	1	Tiex	00968	Temey knight*	American Holly	2"-5" risk, 12:34-8, hr.	\$8.6; ovnersekkal, single leader	500	500			
	CA	1	Corus	ateméria		Passdadosyrod	2"-F oil, 12:348. h.	Milk multisters full pramiting	200	500	1		- 1
	58	1	Sylva	retioners		Japanmetheeliac	25" (H/4-67), M.	56 k multisters; full searching	250	500			
URSAL TICIS	RY	- 1	ffvs.	trohira		StathernSumox	15" (x) /4-15t, vt.	B&d: promotetical, single leader	250	503	2	2	2
	CV	1	Chioranthus	veginios		White frispetres	25" (x1,44-68), st.	Milk multisters; full searching	500	1,360			1
	PT	- 1	Ptelsu	mifolista		Common Happy	15' DIAHR M	MARCOINMENTAL single leader	250	503	2	- 2	2
	71	1	Thoir	occidentalis		Attorvise	15" (x1/4-6ft, st.	88.6; symmetrical, single leader	250	500	2	2	- 2
	NS.	- 1	Over	solvotica		Black Troetic	2"-F oil, 12:348, tr.	B&G: pymenetrical, single leader	750	1,580	2	2	2
	103445	14							JERMA FREE CCA:	6,000	12	12	12
	10.040			_					_	r,am	BS3N LOGAL ^r	ESTEN	85.7N
	PLANTERY	QUANTITY	GINLS	SPECIA		COMMONNAMI	CALPERVISION		DCA PER TIREE (SIF)	TOTAL OROWIN COVER (6/)	MIGRORAL IN	U.S. PI	TOTAL
	34	1	Querras	michaoli		Seave Chestrut Cat	2"-5" oil /12:049, tr.	B&Ccommercial, single leader	1,250	1.250			- 1
	10	- 1	tiev	merau		America Holy	21-8" rol /12-54-9. hr.	MAG: promotrical, single leader	300	500	1		- 1
CONTRACTOR	EV.	- 1	Chioranthus	vestinios		White friendsee	2.5 (a) (4-48), v.	Mak nutrition ful sanding	100	1,360	1		1
		- 1									, ,		
	Mex	1	Magnošia	macrophyta		Bijkerfnagwila	2"-5" 64,/32:348.14.	56-5; multisten; full wanking	500	500	1		1
	AC	1	AnoloneNer	canadessis		Canadian Serviceserry	2"-5" sat /12:048. Nr.	B&E orneretrical, single leader	500	1,300	2	- 2	- 1
	TOTALS	- 6							STANDARD TREE COA:	4,250	100,0%	108.0%	L0C.09
									CCAPIC HEED (SE		LOGAL!	EXION	¥256
	PUNEEY	QUANTITY	GINLS	SPECKS	VARACIETIVAÇÕESRID	IVMAYCMMD	HOSHT		COLPRESION (IP)	FOTAL CROWN COVER (\$4)	REGIONAL IN	U.S. (H)	1000
	TC	15	Tans	canadresis		Canadavew				371	25	16	25
	112	14	Fose	VERNO		Little Henry iventogins	2.87		10	140	34	14	34
CASIDA PARIS	19	18	Total	vornteria		Shillings "augen Helly	43			450	26	18	26
	CP.	15	Catanes	pumils	servings	Conkupin	E.		10	900	25	18	35
	15	13	Aniperus	communic		Pyramidd Juniger			10	152	25	15	25
	EA	15	Suppress	emericanus	Compressa	Pyrannoid Junger Strawberry bush			10	193	35	15	25
	LA	1>	04097943	amercanus		SOSPHONINY BUSIN	7		DESIGNATION SHOULD	353	20	96	96
	TOTALS	99							CCA:	2,805	100.0%	108.0%	100.09
	_	_	_	_					U.A:				100.09
	HAVERY	ORNATOTY .	GIMS	Sent	VALCHTVMOCHER	COMMONANT	HDGHT		CCA PER INNUO (57)	TOTAL CROWN COVER NO.	HERONA III	ESSTEIN U.S. BIL	TOTAL
	HV	1.5	Hamamelia	veginlena		Common Witch Nazy!	e		10	252	25	15	25
	VP	15	Myrice	prenyanica		Northern Eayborry			В	325	25	15	25
COMBA PHIM	Chil	15	Clebra	atemácia		Secret frequeriesh	r		10	152	25	15	75
CONTRACTOR OF STREET	SA	13	Symphorica pos			Common Snowher v			10	133	13	13	13
	BC	1.0	E2odad-endren	cannones		Mountain Assists	c		- 15	350	36	18	36
	195	18	Hydramore	arbensons		Amabelie Hydranaea	er .	1	10	193	28	18	29
									DECOUCUS SHELES		25	75	25
	TOTALS	99							CA	3,905	100.0%	108.0%	100.0%
									TOTAL INCIPOSED CEA (S/E	14.299			
									- WB4		LOGALT	ENTEN	
	PLANTEY.	ORNATOTY.	68M 5	SHERE	VARIOUNINGTERM	COMMISSION	SIZE/SONT.	I	1		PEGODAN IN	115.80	TOTAL
00000000	POW LET	31.	Aunipenus	horizontalia		Crepinglurier	Last.		1		31	38	31
-	092	263	Carra	pennyanica		Prongalyania veder	145.		1	N/A	Ni.	86.7	Ni.
			100	prompton no		To the second second	100		1		394	104	256
	TOTALS								1		LOCON	108.0%	100.09
											LOGAL	ENTEN	TOTAL
	PUNKERY	QUANTITY	GIMLS	SPECKS	VAR/CULTIVA/HIRD		SIZE/OCMY.		1		REGIONAL IN	U.S. (H)	
ROYALLA, FORS.	AP	:65	Adurtum	poditum			tpi.		1	N/A	865	165	845
	864.2	109	Hejorica	americana		Pepatica	Tet.		1		501	805	501
	TOTALS	109							1		\$74	424	£74.
									1		LOCON	300.0%	LOC.09
												ENTERN	
	PLAN ERY	QUANTITY	GIMLS	SPECIES	VALCEUTARA/HISER	COMMOVEMENT	SIZE/OCET.				REGIONAL IN	U.S. (FI)	TOTAL
unes	PLAN COY	QUANTITY	GINLS	SPECES	VAL/CRITICAL/HISTOR	IMMITCHMICS	SIZE/SCHT.			N/A			TOTAL
ins	PLAN ERY TOTALS	QUATTY	GIMLS	576001	VAL/CRITAM/HIND	IMMAYCMMO	SZM/GCNT.			N/A			TOTAL .

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		URBAN	TREE TABULATION	IS .	
PLAN KEY	QUANTITY	PLAN LOCATION	PROJECTED 20 YR. CANOPY* (PER TREE)	IMPERVIOUS AREA UNDER CANDPY (PER TREE)	IMPERVIOUS AREA GREATER THAN 50% C PROJECTED 20 YR. CANOPY? (Y/N)
AC	2	BIO-RETENTION	500	500	N
QM	1	BIO-RETENTION	1,250	780	N
MM	1	BIO-RETENTION	500	315	N
MM	1	SITE	500	240	Y
10	1	SITE	500	275	N
10	1	SITE	500	190	Y
NS	2	SITE	750	310	Y
CA	1	COURTYARD	500	115	Y
SR	2	COURTYARD	250	80	Y
RT	2	SITE	250	110	Y
TI	2	COURTYARD, SITE	250	80	Y
PT	2	SITE	250	90	y
CV	1	SITE	500	110	Y
CV	1	BIO-RETENTION	500	500	N
		TOT	AL URBAN TREES		
			19		

P = 11+97.0

JH 5

CROWN CO	OVER TABULATIONS
TOTAL SITE AREA (SF)	63,315
25% CROWN COVER REQUIRED (SF)	15,829
EXISTING CROWN COVER (SF)	0
REMOVED CROWN COVER (SF)	0
PRESERVED CROWN COVER (SF)	
Crown Cover from Preserved Trees	0
Crown Cover from Preserved Shrubs	0
PROPOSED CROWN COVER (SF)	
Crown Cover from Proposed Trees	10,250
Crown Cover from Proposed Shrubs	1430
TOTAL CROWN COVER PROVIDED (%)	22.4%
TOTAL CROWN COVER PROVIDED (SF)	14.210

			BIODIVERSITY	TABULATIONS			
TREES (URBAN AND							
TOTAL NUMBER OF	TREES PROPOSED						
GENUS	QTY.	PERCENT OF TOTAL PROPOSED	MAXIMUM PERCENT ALLOWED	SPECIES	QTY.	PERCENT OF TOTAL PROPOSED	MAXIMUM PERCENT ALLOWED
Magnolia	2	9.5%	33%	macrophylla	2	9.5%	10%
lles	2	9.5%	33%	opaca	2	9.5%	10%
Cornus	1	4.8%	33%	alternifolia	1	4.8%	10%
Syringa	2	9.5%	33%	reticulata	2	9.5%	10%
Rhus	2	9.5%	33%	typinha	2	9.5%	10%
Thuja	2	9.5%	33%	occidentalis	2	9.5%	10%
Nyssa	2	9.5%	33%	sylvatica	2	9.5%	10%
Quercus	1	4.8%	33%	michauxii	1	4.8%	10%
Amalanthier	2	9.5%	33%	canadensis	2	9.5%	10%
Ptelea	2	9.5%	33%	trifolata	2	9.5%	10%
Chionanthus	2	9.5%	33%	virginicus	2	9.5%	10%
SHRUBS							
TOTAL NUMBER OF	SHRUBS PROPOS	ED: 186					
GENUS	QTY.	PERCENT OF TOTAL	MAXIMUM PERCENT	SPECIES	OTY.	PERCENT OF TOTAL	MAXIMUM PERCEN
		PROPOSED	ALLOWED			PROPOSED	ALLOWED
Taous	15	8.10%	33%	canadensis	15	8.10%	10%
Clethra	15	8.10%	33%	a Iternifolia	15	8.10%	10%
Itea	14	7.56%	33%	v rginica	14	7.56%	10%
llex.	18	9.70%	33%	vomitoria	18	9.70%	10%
Castanea	18	9.70%	33%	Chinkapin	18	9.70%	10%
Rhododendron	14	7.56%	33%	canescens	14	7.56%	10%
Euonymus	16	8.64%	33%	americanus	15	8.64%	10%
Hamamelis	15	8.10%	33%	virginiana	15	8.10%	10%
Symphoricarpos	13	7.02%	33%	a lbus	13	7.02%	10%
uniperus	15	8.10%	33%	communis	15	8.10%	10%
Myrica	15	8.10%	33%	pensylvanica	15	8.10%	10%
Hydrangea	18	9.70%	33%	arborespens	1B	9.70%	10%



CROWN COVER TA	ABULATIONS	
TOTAL SITE AREA (SF)	63,315	
25% CROWN COVER REQUIRED (SF)	15,829	
EXISTING CROWN COVER (SF)	0	
REMOVED CROWN COVER (SF)	0	
PRESERVED CROWN COVER (SF)		
Crown Cover from Preserved Trees	0	
Crown Cover from Preserved Shrubs	0	
PROPOSED CROWN COVER (SF)		
Crown Cover from Proposed Trees	10,250	
Crown Cover from Proposed Shrubs	1430	
TOTAL CROWN COVER PROVIDED (%)	22.4%	
TOTAL CROWN COVER PROVIDED (SF)	14,210	

Cert. No. 06	

ParkFowler Plus

917 674 1996 625 West Adams, Floor 19 Chicago, Illinois 60361

LANDSCAPE ARCHITECT:

202 857 9720 1025 Connecticut Avenue, NW Suite 1000 Washington, DC. 20036

LANDMARK - BLOCK D

Landmark Land Holdings, LLC 24009

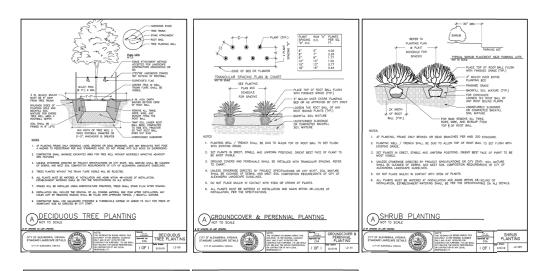
5801 Duke Street, Block D Alexandira, Virginia 22304 SHRUBS AND GROUNDCOVERS PLANTING PLAN

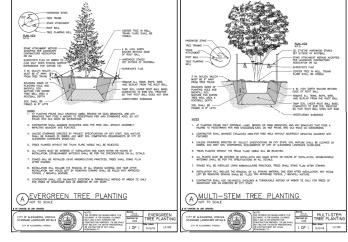
SCALE: 1"=20"

APPROVED SPECIAL USE PERMIT NO. DEPARTMENT OF PLANNING & ZONING DATE RECORDED __ INSTRUMENT NO.

52

EEED BOOK NO. PAGE NO.





Park Fowler Plus

917 674 1996 625 West Adams, Floor 19 Chicago, Illinois 60661

LANDSCAPE ARCHITECT:



202 857 9720 1025 Connecticut Avenue, NW Suite 1000 Washington, DC. 20036



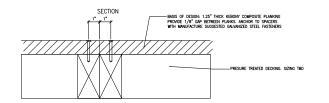
DATE RECORDED	DOK NO. PAGE NO.
	2.416
CHARMAN, PLANNING COMMISSION	DATE
DIRECTOR	DATE
DEPARTMENT OF TRANSPORTATION SITE PLAN NO.	
DIRECTOR	DATE
DEPARTMENT OF PLANNING & ZO	ONING
SPECIAL USE PERMIT NO.	
APPROVED	

LANDMARK - BLOCK D Landmark Land Holdings, LLC

5801 Duke Street, Block D Alexandira, Virginia 22304

PLANTING DETAILS

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6 COMPOSITE WOOD DECK (WOOD-DECKINGO1B)

NOTE: PLANTER SHALL BE INSPECTED BY LANDSCAPE ARCHITECT PRIOR TO BACKFILLING MASONRY PLANTER WALL ON STRUCTURE -2" MUICH LAYER INSTALL PLANTING SOIL TO ELEVATIONS SHOWN ON PLANS SECOND LAYER OF WOVEN FILTER FABRIC: TURN DOWN 8° BEHIND DRAINAGE BOARD & EXTEND ACROSS DRAINAGE FILL - 30" PLANTING SOIL MIX, COMPACT IN 8" LIFTS TO 85% PRIOR TO PLANT INSTALLATION. COMPACT TO 95% BELOW TREE ROOT BALLS. PROVIDE 3" EXTRA SOIL TO ALLOW FOR SETTLING. BALLS PROVIDE 3 EXTRA SOIL TO ALLOW YOU SETTING.

PORMANGE BOADO ON ALL SIDES OF PLANTER TO HEIGHT OF

WATERPROPRING OR FLASHING, GEOTECH DRAINAGE PANEL,

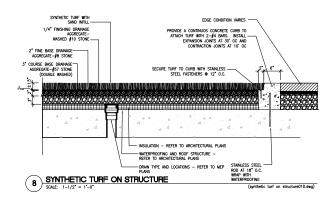
LAMINATED WITH FILTER FABRIC.

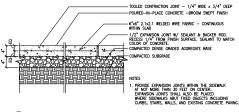
-4" LATER OF DRAINAGE FILL

DRAINAGE FABRIC ON BOTTOM OF PLANTER, MIRAFI GOOD

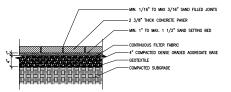
OR EQUIVALENT. WATERPROOFING & PROTECTION BOARD, PER ARCH DWGS - STRUCTURAL SLAB - DOWEL DETAIL BY STRUCTURAL ENGINEER -PAVERS

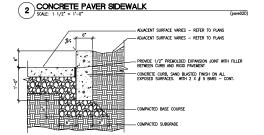
7 PLANTING ON STRUCTURE (TYPICAL) (PLANTER WALL ON STRUCTURE 03E)



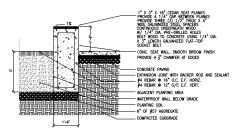


CONCRETE WALKWAY

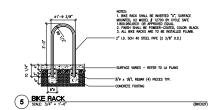




3 6° CONCRETE CURB (curb02D)



4 CONCRETE BENCH (SEAT WALL 01F)



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LANDSCAPE ARCHITECT:



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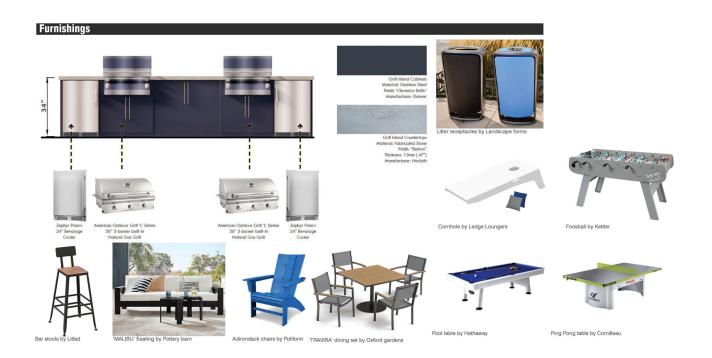
APPROVED DEPARTMENT OF PLANNING & ZONING DEPARTMENT OF TRANSPORTATION & ENVIRONMENTAL SERVICES
SITE PLAN NO. _____ DEED BOOK NO. PAGE NO. INSTRUMENT NO.

LANDMARK - BLOCK D

Landmark Land Holdings, LLC 5801 Duke Street, Block D

Alexandira, Virginia 22304 HARDSCAPE DETAILS

L2.1





917 674 1996 625 West Adams, Floor 19 Chicago, Illinois 60661

LANDSCAPE ARCHITECT:



202 857 9720 1025 Connecticut Avenue, NW Suite 1000 Washington, DC. 20036

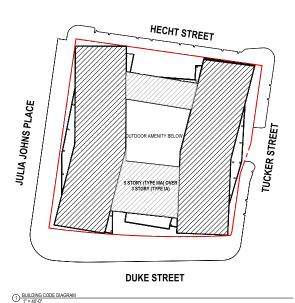


APPROVED SPECIAL USE PERMIT NO. ______ DEED BOOK NO. PAGE NO. INSTRUMENT NO.

Landmark Land Holdings, LLC 24009

5801 Duke Street, Block D Alexandira, Virginia 22304 FURNISHINGS

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BUILDING CODE ANALYSIS

APPLICABLE CODES (CITY OF ALEXANDRIA)

2021 VIRGINIA UNIFORM STATEWIDE BUILDING CODE (2021 International Code Council Family of Codes w/ incorporated USBC ammendments)

FLOOR	Area (SF)	Use Group	Type(s) of	Allowable No.	Allowable	Allowable	Fire Protection
			Construction	of Stories	Height (FT)	Area per Floor (SF)**	
LEVEL 7	43,741	R2	IIIA	5*	85'	72,000	NFPA 13
LEVEL 6	43,741	R2	IIIA	5*	85'	72,000	NFPA 13
LEVEL 5	43,741	R2	IIIA	5*	85'	72,000	NFPA 13
LEVEL 4	43,741	R2	IIIA	5*	85'	72,000	NFPA 13
LEVEL 3	43,741	R2	IIIA	5*	85'	72,000	NFPA 13
		HOR	IZONTAL BUILDING	SEPARATION (3 HO	UR RATED)		
LEVEL 2	45,059	R2/S2	IA	UL	UL	UL	NFPA 13
LEVEL 1	50,040	R2/S2/A3/B	IA	UL	UL	UL	NFPA 13
LEVEL P1	50,779	R2/S2	IA	UL	UL	UL	NFPA 13
ALLOWABLE HEIGHT	IS INCREASED BY	20 FEET AND THE NUM	MBER OF STORIES IN	CREASES BY 1 FOR A	BUILDING EQUIP	PED WITH A NFPA13 SPRIN	KLER SYSTEM
** ALLOWADIE ADEA	INCREASE OF 200	W DED LISE OF NEDA 13	CODINIVI ED CVCTEN	4			

BUILDING USE AND OCCUPANCY Business Residential Storage (Loading) Non-Separated Mixed Uses Storage (Parking Garage Uses)

APPLICABLE BUILDING CODES:
2021 VIRGINIA UNIFORM STATEWIDE BUILDING CODE
2021 INTERNATIONAL BUILDING CODE
2021 INTERNATIONAL RESIDENTIAL CODE
2021 INTERNATIONAL MECHANICAL CODE
2021 INTERNATIONAL PLUMBING CODE
2021 INTERNATIONAL PLUMBING CODE
2021 INTERNATIONAL PLUMBING CODE
2021 INTERNATIONAL PLU ENROY CONSERVATION CODE
2021 INTERNATIONAL FUE AND GAS CODE
2021 INTERNATIONAL FUE AND GAS CODE
2021 RATIONAL ELECTRIC CODE
FAIR RIOLISMIC GUIDELING
2021 OCCAPASIS ALIZI FOR ACCESSIBILITY STANDARDS

ParkFowler Plus 917 674 1996 625 West Adams, 19th Floor Chicago, Illinois 60681

= - 		=			_		-		7/PARAPET 292' - 11" 200F STRUCTURE 290' - 5"	* *		+
	UNIT	COF		UNIT	COR	UNIT	1		LEVEL 07 277 - 5"		ų	
	UNIT	COF		UNIT	COF	UNIT	T	T-T-	277' - 5" CEVEL 06 266' - 9" CEVEL 066' - 9" CEVE		SIURY	
	UNIT	COF		UNIT	COF	UNIT	T	T - T -		8 8	g g	90 50
	UNIT	COF		UNIT	COR	UNIT			256' - 1" LEVEL 04 245' - 5"		LOW POINT ON SITE TO TOP FLOOR	NO COUNTY AND TO THE PROPERTY OF THE PROPERTY
	UNIT	COF	AMENITY DECK	UNIT	COR	UNIT	1	⊥ .	245' - 5" LEVEL 03 234' - 9"	· .	74 - 11" ON SITE TO	opene
] [— <u>ьовв</u> у —		COR PARKING				L . L		234' - 9" LEVEL 02 224' - 1"		3 STORET	N. W.
ENTRY GARDEN	LOBDI		PARKING		COF	UNIT		DOG PARK		8 8		
		_	PARKING		_				WERAGE GRADE	10	-	+
N/S CODE SECTION							VAULT		209' - 10" LEVEL P1 204' - 9" LOW POINT 202' - 6"	<u>15 P</u>	*	

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DIRECTOR		DATE	
DEPARTMENT OF TR	RANSPORTATION	& ENVIR	ONMENTAL SERVICE
SITE PLAN NO			_
SITE PLAN NO		DATE	
DIRECTOR	OMMISSION		

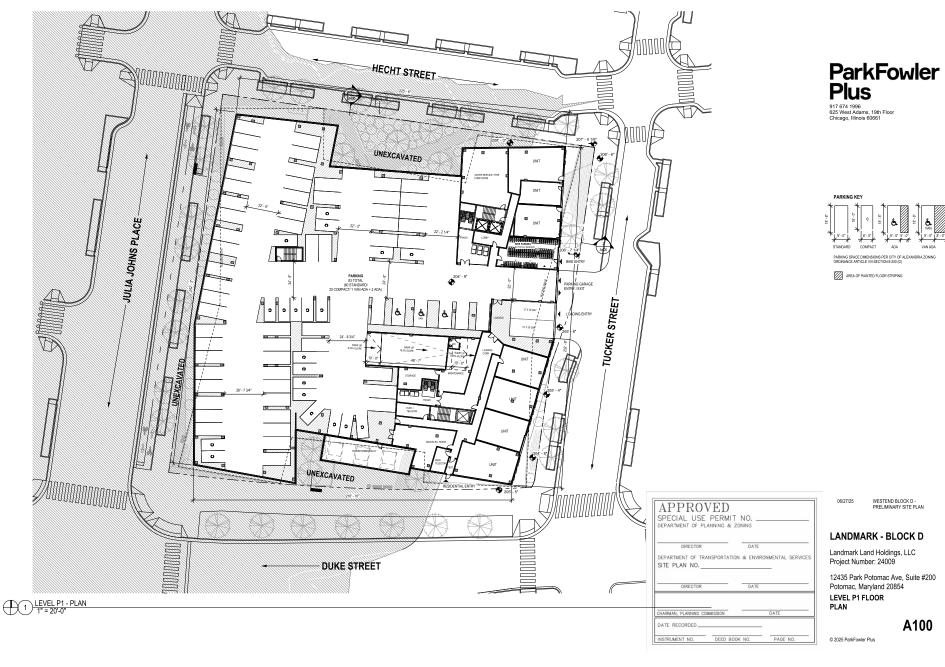
WESTEND BLOCK D -PRELIMINARY SITE PLAN

LANDMARK - BLOCK D

Landmark Land Holdings, LLC Project Number: 24009

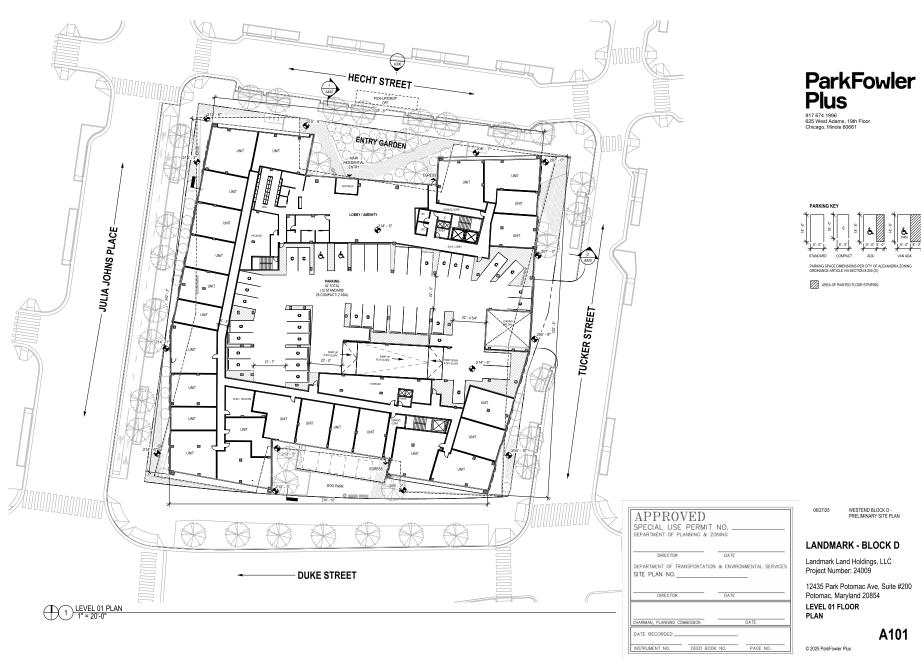
12435 Park Potomac Ave, Suite #200 Potomac, Maryland 20854 CODE ANALYSIS

A001

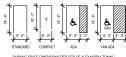


WESTEND BLOCK D -PRELIMINARY SITE PLAN

A100



PARKING KEY





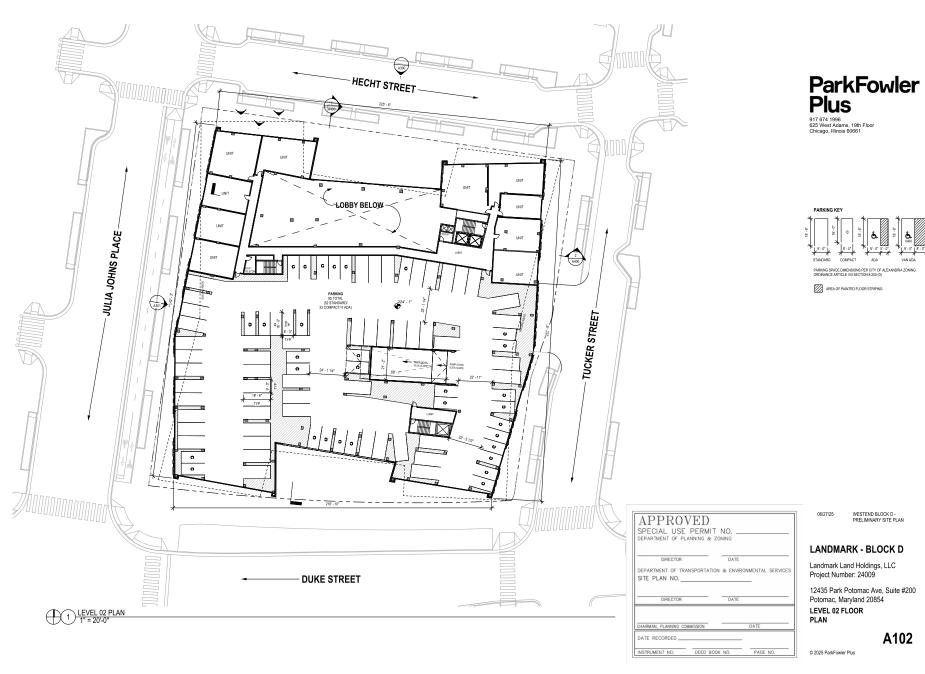
WESTEND BLOCK D -PRELIMINARY SITE PLAN

LANDMARK - BLOCK D

Landmark Land Holdings, LLC Project Number: 24009

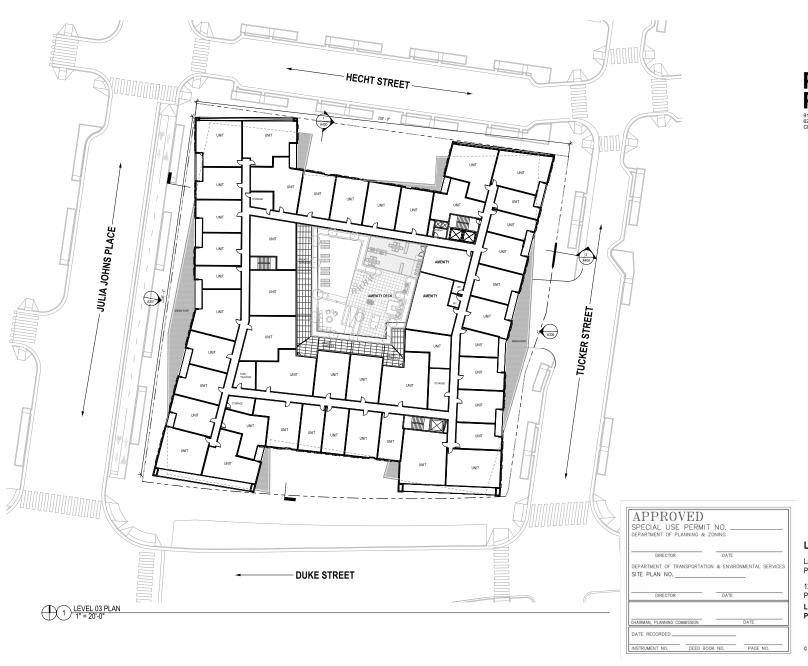
12435 Park Potomac Ave, Suite #200 Potomac, Maryland 20854 LEVEL 01 FLOOR

A101



WESTEND BLOCK D -PRELIMINARY SITE PLAN

A102



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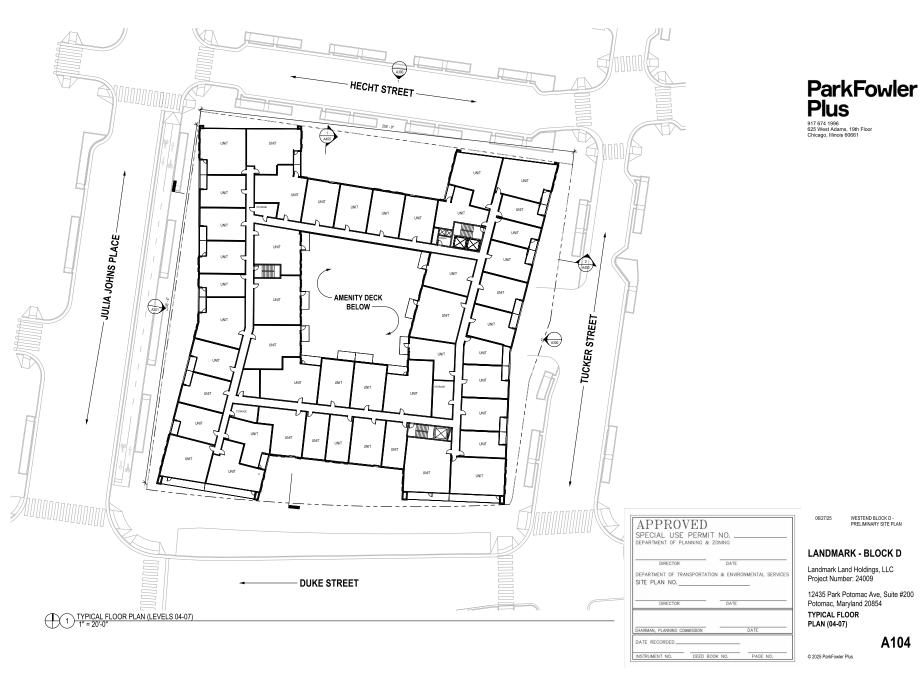
WESTEND BLOCK D -PRELIMINARY SITE PLAN

LANDMARK - BLOCK D

Landmark Land Holdings, LLC Project Number: 24009

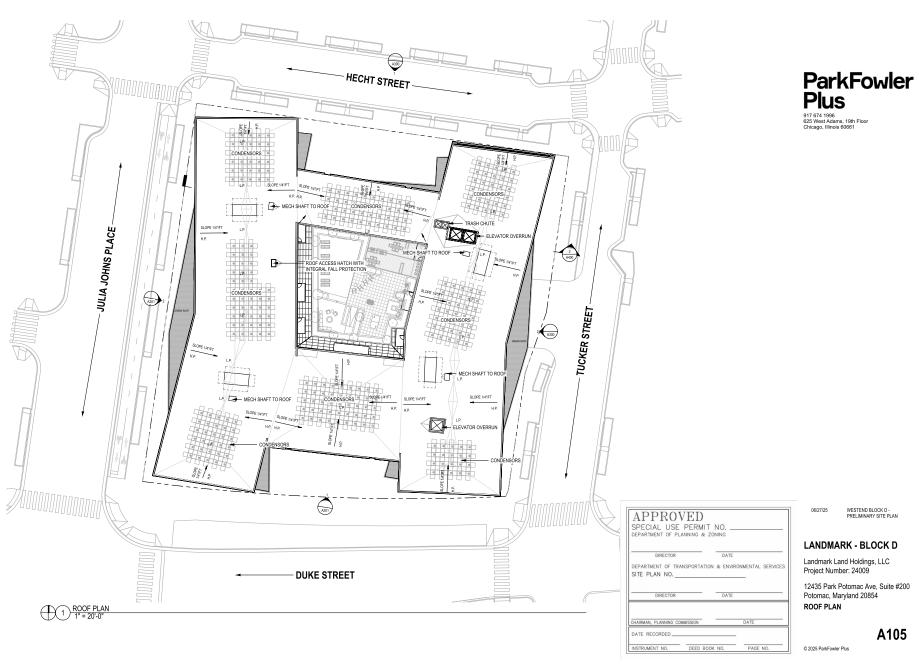
12435 Park Potomac Ave, Suite #200 Potomac, Maryland 20854 LEVEL 03 FLOOR PLAN

A103



WESTEND BLOCK D -PRELIMINARY SITE PLAN

A104



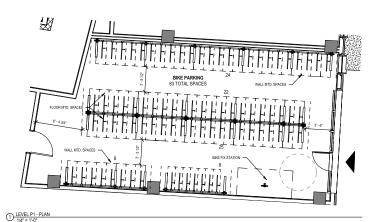
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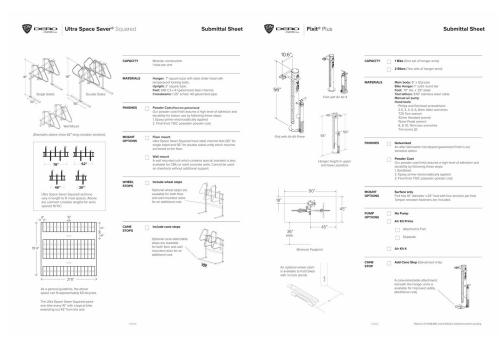
LANDMARK - BLOCK D

Landmark Land Holdings, LLC Project Number: 24009

12435 Park Potomac Ave, Suite #200 Potomac, Maryland 20854 ROOF PLAN

A105





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SPECIAL USE		
DIRECTOR	DATE	
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DEPARTMENT OF TR SITE PLAN NO		SERVICES
		SERVICES

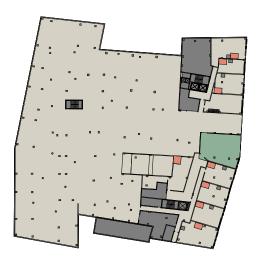
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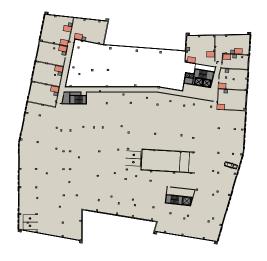
LANDMARK - BLOCK D

Landmark Land Holdings, LLC Project Number: 24009

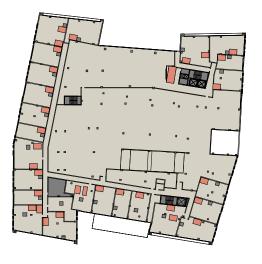
12435 Park Potomac Ave, Suite #200 Potomac, Maryland 20854 BIKE STORAGE LAYOUT

A106





3 AREA DIAGRAM_LEVEL 2



	AREA DIAGRAM								
	LEVEL								
AREA		CIRCULATION/ MECH	BALCONY	LAVATORY	LOADING	TOTAL EXCLUDED	GROSS TOTAL	REMAINING	
	P1	5360	0	426	1490	7276	50810	43534	
	LEVEL 1	1659	0	1706	0	3365	49395	46030	
	LEVEL 2	1141	0	606	0	1747	44389	42642	
	LEVEL 3	1833	1782	3094	0	6709	43552	36843	
	LEVEL 4	2025	1782	3107	0	6914	43552	36638	
	LEVEL 5	2025	1782	3107	0	6914	43552	36638	
	LEVEL 6	2025	1782	3107	0	6914	43552	36638	
	LEVEL 7	2025	1782	3107	0	6914	43552	36638	
	TOTAL	18093	8910	18260	1490	46753	362354	315601	

- **BALCONY:** Area Exclusions per City of Alexandria Zoning Ordinance 2-145
- **CIRCULATION SHAFT MECHANICAL ROOMS:** Area Exclusions per City of Alexandria Zoning Ordinance 2-145
- **LAVATORY:** Area Exclusions per City of Alexandria Zoning Ordinance 2-145 (50 SF max. of area excluded per lavatory)
- LOADING DOCK: Area Exclusions per City of Alexandria Zoning Ordinance 2-145 (850 SF of area excluded per required space)
- REMAINING NET FLOOR AREA: Per City of Alexandria Zoning Ordinance 2-145

DEPARTMENT OF PLANNING	MIT NO & zoning
DIRECTOR	DATE
DEPARTMENT OF TRANSPORT SITE PLAN NO.	ATION & ENVIRONMENTAL SER
SITE PLAN NO.	
DIRECTOR	DATE
DIRECTOR	DATE
DIRECTOR CHAIRMAN, PLANNING COMMISSION	21112

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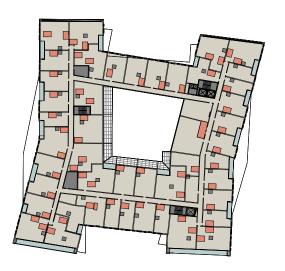
WESTEND BLOCK D -PRELIMINARY SITE PLAN

LANDMARK - BLOCK D

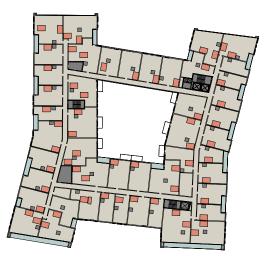
Landmark Land Holdings, LLC Project Number: 24009

12435 Park Potomac Ave, Suite #200 Potomac, Maryland 20854 AREA PLANS

A107



AREA DIAGRAM_LEVEL 3



2 AREA DIAGRAM_LEVEL 4-7 1/32" = 1'-0"

	AREA DIAGRAM								
	LEVEL								
AREA		CIRCULATION/ MECH	BALCONY	LAVATORY	LOADING	TOTAL EXCLUDED	GROSS TOTAL	REMAINING	
	P1	5360	0	426	1490	7276	50810	43534	
	LEVEL 1	1659	0	1706	0	3365	49395	46030	
	LEVEL 2	1141	0	606	0	1747	44389	42642	
	LEVEL 3	1833	1782	3094	0	6709	43552	36843	
	LEVEL 4	2025	1782	3107	0	6914	43552	36638	
	LEVEL 5	2025	1782	3107	0	6914	43552	36638	
	LEVEL 6	2025	1782	3107	0	6914	43552	36638	
	LEVEL 7	2025	1782	3107	0	6914	43552	36638	
	TOTAL	18093	8910	18260	1490	46753	362354	315601	

- **BALCONY:** Area Exclusions per City of Alexandria Zoning Ordinance 2-145
- **CIRCULATION SHAFT MECHANICAL ROOMS:** Area Exclusions per City of Alexandria Zoning Ordinance 2-145
- **LAVATORY:** Area Exclusions per City of Alexandria Zoning Ordinance 2-145 (50 SF max. of area excluded per lavatory)
- LOADING DOCK: Area Exclusions per City of Alexandria Zoning Ordinance 2-145 (850 SF of area excluded per required space)
- REMAINING NET FLOOR AREA: Per City of Alexandria Zoning Ordinance 2-145

DIRECTOR		-	DATE	
SITE PLAN NO.		TION &		ONMENTAL SER
DIRECTOR		-	DATE	
CHAIRMAN, PLANNING COM	MISSION	-		DATE
DATE RECORDED	DEED			PAGE NO.

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WESTEND BLOCK D -PRELIMINARY SITE PLAN

LANDMARK - BLOCK D

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12435 Park Potomac Ave, Suite #200 Potomac, Maryland 20854 AREA PLANS

A108



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06/27/25 WESTEND BLOCK D -PRELIMINARY SITE PLAN

LANDMARK - BLOCK D

Landmark Land Holdings, LLC Project Number: 24009

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BUILDING ELEVATIONS

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DATE RECORDED

DEPARTMENT OF TRANSPORTATION & ENVIRONMENTAL SERVICES

DEED BOOK NO.

DATE

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A300

MATERIAL PERCENTAGE BY ELEVATION ELEVATION TOTAL 9 RED PLANK 21% 35% 22% 36% 28% 9% 15% 11% 9% 11% 40% 44% 36% 47% 41% LARGE FORMAT 31% 5% 32% 6% 20% 100%

2 Elevation B - East 1/16* = 1'-0"

GRAY CEMENTITIOUS PLANKS

RED CEMENTITIOUS PLANKS

LARGE FORMAT CEMENTITIOUS PLANKS

GLASS



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GRAY CEMENTITIOUS PLANKS

RED CEMENTITIOUS PLANKS

GLASS

LARGE FORMAT CEMENTITIOUS PLANKS

TOTAL 9

28%

11%

41%

20%

100%

MATERIAL PERCENTAGE BY ELEVATION

35%

15%

44%

5%

22%

9%

36%

32%

36%

11%

47%

6%

21%

9%

40%

31%

ELEVATION

RED PLANK

GRAY PLANK

GLASS

LARGE FORMAT

A

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06/27/25 WESTEND BLOCK D -PRELIMINARY SITE PLAN

LANDMARK - BLOCK D

Landmark Land Holdings, LLC Project Number: 24009

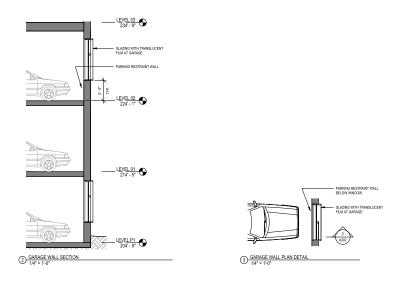
12435 Park Potomac Ave, Suite #200 Potomac, Maryland 20854

BUILDING ELEVATIONS

A301



GARAGE ELEVATION



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APPROVED SPECIAL USE PER	
DEPARTMENT OF PLANNING	
DIRECTOR	DATE
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SITE PLAN NO.	
	TATION & ENVIRONMENTAL SERVIC
SITE PLAN NO	

WESTEND BLOCK D -PRELIMINARY SITE PLAN

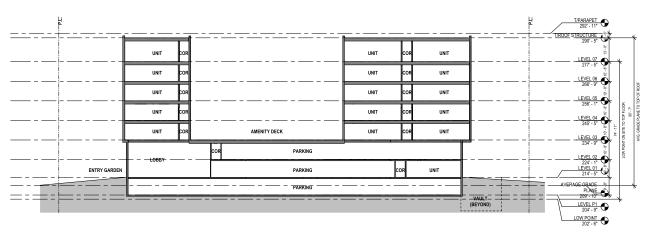
LANDMARK - BLOCK D

Landmark Land Holdings, LLC Project Number: 24009

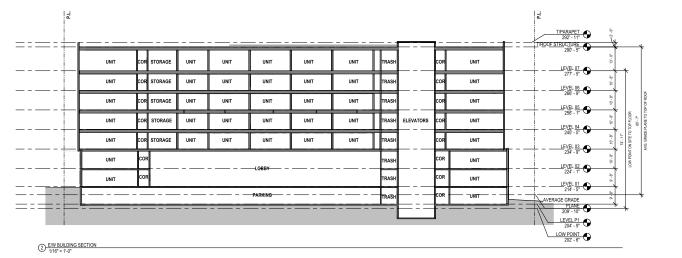
12435 Park Potomac Ave, Suite #200 Potomac, Maryland 20854

A302

GARAGE SCREENING **EXHIBIT**



N/S BUILDING SECTION 4



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APPROVED SPECIAL USE PERMIT DEPARTMENT OF PLANNING & ZO	
DIRECTOR DEPARTMENT OF TRANSPORTATION SITE PLAN NO	DATE I & ENVIRONMENTAL SERVICE
DIRECTOR	DATE
CHAIRMAN, PLANNING COMMISSION	DATE
CHAIRMAN, PLANNING COMMISSION DATE RECORDED	

WESTEND BLOCK D -PRELIMINARY SITE PLAN

LANDMARK - BLOCK D

Landmark Land Holdings, LLC Project Number: 24009

12435 Park Potomac Ave, Suite #200 Potomac, Maryland 20854

A400

BUILDING SECTIONS



PERSPECTIVE - NORTHEAST CORNER



PERSPECTIVE - SOUTHEAST CORNER



PERSPECTIVE - NORTHWEST CORNER



PERSPECTIVE - SOUTHWEST CORNER

	INING & ZONII	NG	
DIRECTOR		DATE	
DEPARTMENT OF TRAN	SDODTATION &		NITAL CEDVICES
SITE PLAN NO.		FIAANKONME	NIAL SERVICES
DIRECTOR		DATE	
CHAIRMAN, PLANNING COMM	IISSION	DA	TE

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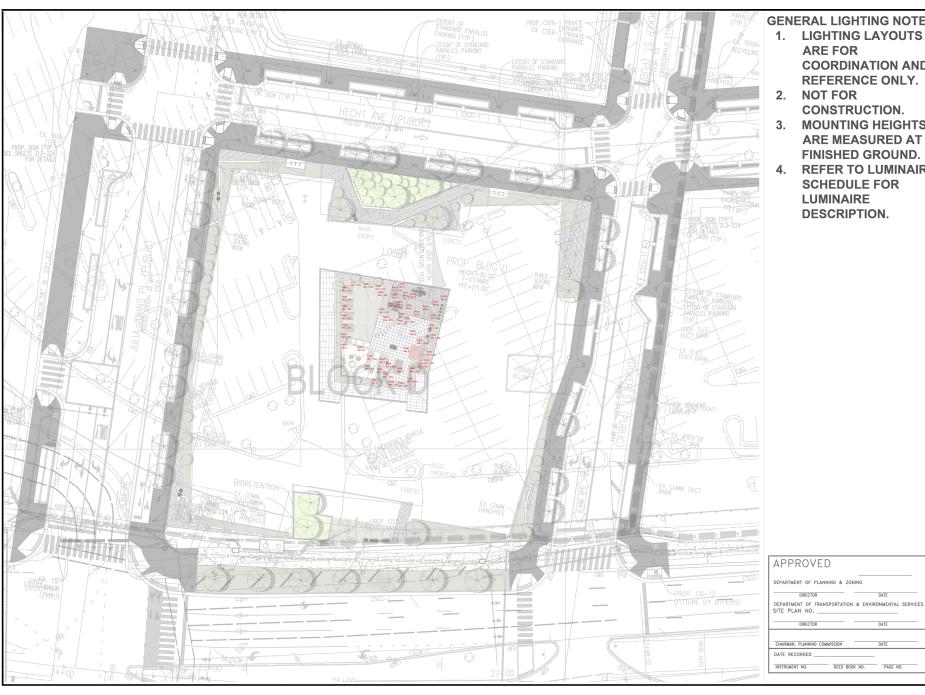
WESTEND BLOCK D -PRELIMINARY SITE PLAN

LANDMARK - BLOCK D

Landmark Land Holdings, LLC Project Number: 24009

12435 Park Potomac Ave, Suite #200 Potomac, Maryland 20854 PERSPECTIVES

A500



GENERAL LIGHTING NOTES:

- LIGHTING LAYOUTS ARE FOR **COORDINATION AND** REFERENCE ONLY.
- **NOT FOR** CONSTRUCTION.
- **MOUNTING HEIGHTS ARE MEASURED AT** FINISHED GROUND.
- **REFER TO LUMINAIRE SCHEDULE FOR LUMINAIRE** DESCRIPTION.

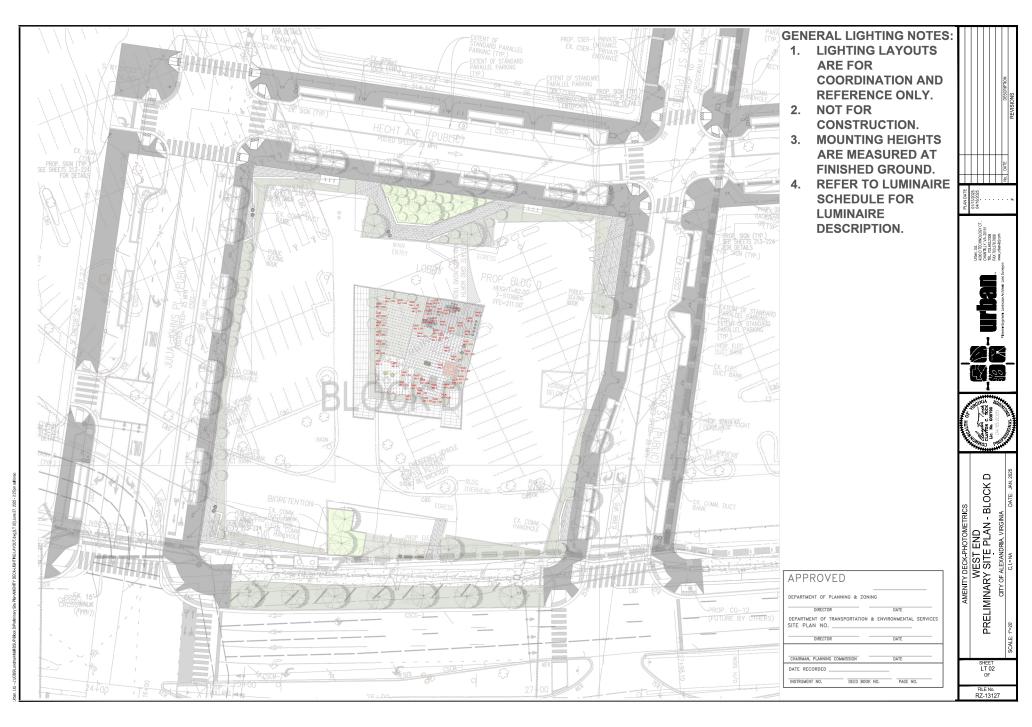


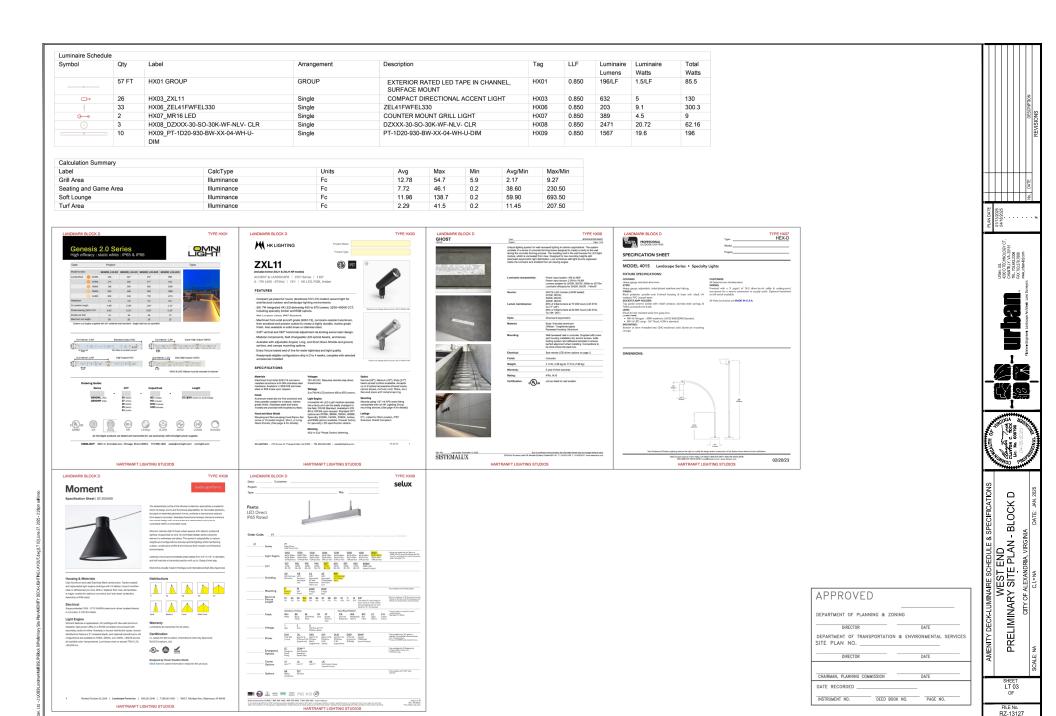


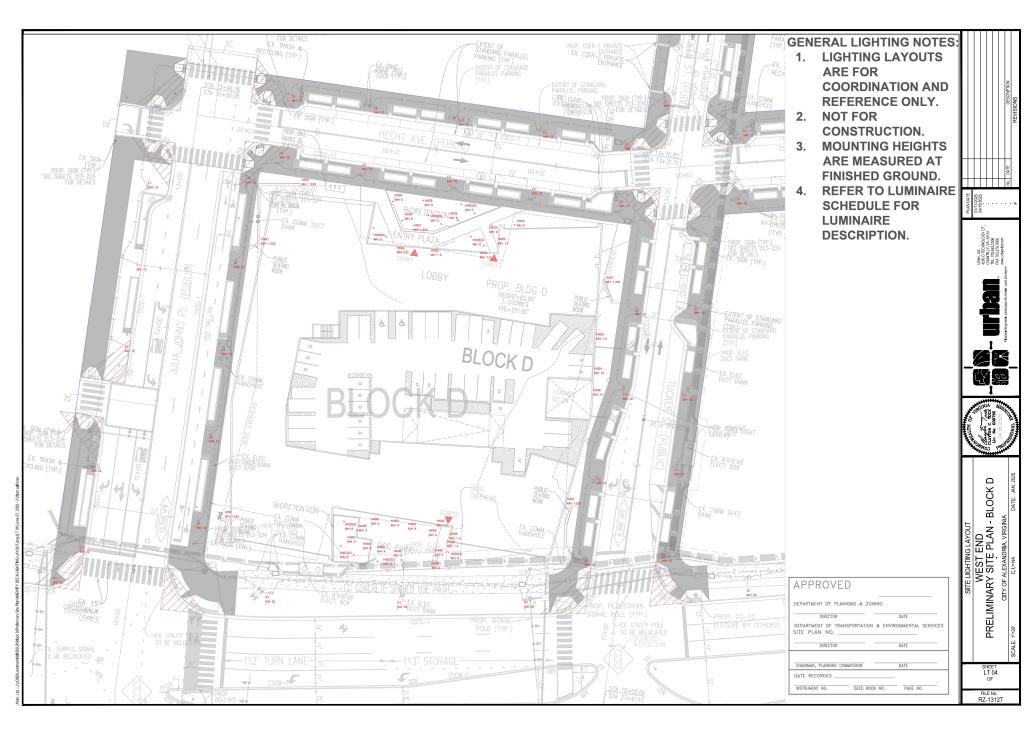
AMENITY DECK-LIGHTING LAYOUT
WEST END
PRELIMINARY SITE PLAN - BLOCK D

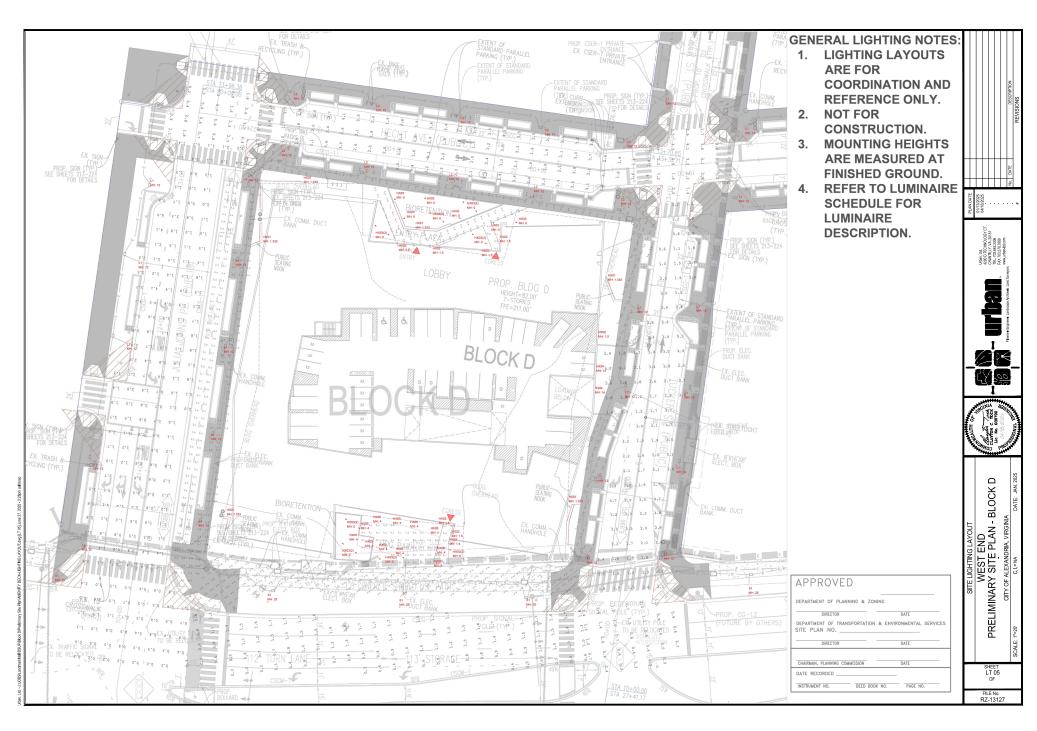
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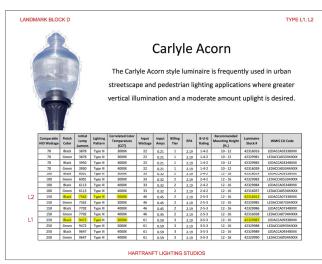


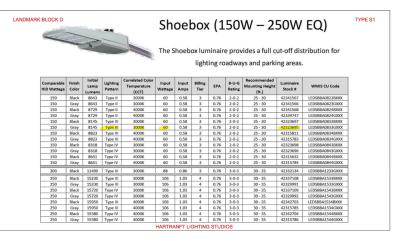






Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Bike Lane	Illuminance	Fc	3.14	4.8	1.6	1.96	3.00
Dog Park	Illuminance	Fc	1.22	6.9	0.1	12.20	69.00
Egress_N	Illuminance	Fc	1.34	4.2	0.4	3.35	10.50
Egress_S	Illuminance	Fc	5.90	49.4	0.2	29.50	247.00
Main Entry	Illuminance	Fc	4.53	52.9	0.3	15.10	176.33
Road Intersection_NE	Illuminance	Fc	2.78	4.2	1.2	2.32	3.50
Road Intersection_NW	Illuminance	Fc	1.57	4.4	0.2	7.85	22.00
Road Intersection_SE	Illuminance	Fc	0.93	2.4	0.3	3.10	8.00
Road Intersection_SW	Illuminance	Fc	0.78	3.0	0.2	3.90	15.00
Road_Duke St	Illuminance	Fc	1.08	1.8	0.2	5.40	9.00
Road_Hecht St	Illuminance	Fc	2.52	4.1	1.4	1.80	2.93
Road_Julia Johns Place	Illuminance	Fc	1.64	4.9	0.4	4.10	12.25
Road_Tucker St	Illuminance	Fc	2.38	5.3	0.6	3.97	8.83
Sidewalk_Duke Street	Illuminance	Fc	0.48	2.3	0.1	4.80	23.00
Sidewalk_Hecht St	Illuminance	Fc	1.46	2.6	0.8	1.83	3.25
Sidewalk_Julia Johns Place	Illuminance	Fc	1.54	2.8	0.8	1.93	3.50
Sidewalk Tucker St	Illuminance	Fc	1.26	2.7	0.4	3.15	6.75

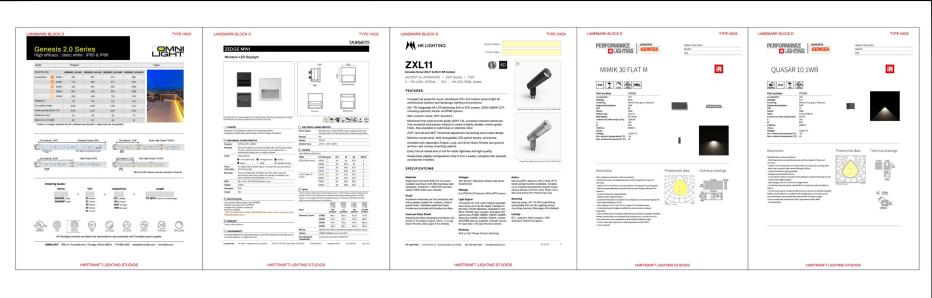




		HUIVE	CONTROL NO.
APPROVED DEPARTMENT OF PLANNING & ZONING DIRECTOR DIRECTOR DIRECTOR	DATE DATE DATE	SITE-LUMINAIRE SCHEDULE & SPECIFICATIONS	WEST END PRELIMINARY SITE PLAN - BLOCK D
CHAIRMAN, PLANNING COMMISSION DATE RECORDED	DATE	H	SHEET LT 06
	PACE NO	ı	OF
INSTRUMENT NO. DEED BOOK NO.	PAGE NO.	Г	FILE No. RZ-1312
INSTRUMENT NO. DEED BOOK NO.	PAGE NO.	<u> </u>	

SHEET LT 06 OF FILE No. RZ-13127

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STE-LUMINARE SCHEDULE & SPECIFICATIONS
WEST END
PRELIMINARY SITE PLAN - BLOCK D SHEET LT 07 FILE No. RZ-13127

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PLAN DATE 01/13/2025 04/18/2025

> Urban, Ltd. 4200 D TECHNOLOGY CT. CHANTILLY, VA. 20151 TEL. 703.642.2306 FAX 703.378.7888 www.urban-Ed.com