



**LEGEND**

EXISTING	PROPOSED	DESCRIPTION
- - - 678 - - -	— 678 —	PROPERTY (R.O.W.) LINE
— — —	— — —	WATERSHED BOUNDARY
— — —	— — —	DRAINAGE DIVIDE
— — —	— — —	DIRECTION OF FLOW
EX	DA-X	DRAINAGE AREA NUMBER AND ACREAGE
X.XX AC.	X.XX AC.	

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APPROVED  
JONATHAN D. MANIKOVSKY  
110095  
7/2/2021

DATE	NO.	REVISION	APPROVAL

**EXISTING DRAINAGE AREA MAP**

218 SOUTH LAMAR  
218 SOUTH LAMAR, AUSTIN, TEXAS 78704  
PFLUGER WR & MC & PFLUGER SPOUSAL

**Drainage Comparison Summary Table**

Point of Analysis	Existing 2-yr Q, cfs	Proposed (without Detention) 2-yr Q, cfs	Proposed (with Detention) 2-yr Q, cfs	Existing 10-yr Q, cfs	Proposed (without Detention) 10-yr Q, cfs	Proposed (with Detention) 10-yr Q, cfs	Existing 25-yr Q, cfs	Proposed (without Detention) 25-yr Q, cfs	Proposed (with Detention) 25-yr Q, cfs	Existing 100-yr Q, cfs	Proposed (without Detention) 100-yr Q, cfs	Proposed (with Detention) 100-yr Q, cfs
1	2.0	3.4	2.0	3.5	6.0	3.5	4.4	7.6	4.4	5.9	10.1	5.9
2	0.3	0.1	0.3	0.5	0.2	0.5	0.7	0.3	0.7	0.9	0.4	0.9
3	1.3	0.1	1.3	0.4	0.3	0.4	3.0	0.3	3.0	4.0	0.4	4.0

Peak Discharge Calculations:

Area: E1							Cover Description & Type			Acres	SF	%
Event	2-yr	10-yr	25-yr	100-yr	500-yr		Impervious Areas - Paved parking lots, roofs, driveways, etc. (excluding right of way)	0.65	28,314	94.20		
Acres	0.69	0.69	0.69	0.69	0.69	Open space lawns parks golf courses cemeteries - Fair condition (grass cover 50% to 75%)	0.04	1,742	5.80			
CN	97.00	97.00	97.00	97.00	97.00		0.00	0	0.00			
Tc	5.63	5.63	5.63	5.63	5.63							
<b>Q</b>	<b>2.0</b>	<b>3.5</b>	<b>4.4</b>	<b>5.9</b>	<b>7.8</b>	<b>Total</b>	<b>0.69</b>	<b>30,056</b>	<b>100</b>			

  

Area: E2							Cover Description & Type			Acres	SF	%
Event	2-yr	10-yr	25-yr	100-yr	500-yr		Impervious Areas - Paved parking lots, roofs, driveways, etc. (excluding right of way)	0.03	1,307	27.27		
Acres	0.11	0.11	0.11	0.11	0.11	Open space lawns parks golf courses cemeteries - Fair condition (grass cover 50% to 75%)	0.08	3,485	72.73			
CN	88.00	88.00	88.00	88.00	88.00		0.00	0	0.00			
Tc	5.00	5.00	5.00	5.00	5.00							
<b>Q</b>	<b>0.3</b>	<b>0.5</b>	<b>0.7</b>	<b>0.9</b>	<b>1.2</b>	<b>Total</b>	<b>0.11</b>	<b>4,792</b>	<b>100</b>			

  

Area: E3							Cover Description & Type			Acres	SF	%
Event	2-yr	10-yr	25-yr	100-yr	500-yr		Impervious Areas - Paved parking lots, roofs, driveways, etc. (excluding right of way)	0.39	16,988	84.78		
Acres	0.46	0.46	0.46	0.46	0.46	Open space lawns parks golf courses cemeteries - Fair condition (grass cover 50% to 75%)	0.07	3,049	15.22			
CN	96.00	96.00	96.00	96.00	96.00		0.00	0	0.00			
Tc	5.00	5.00	5.00	5.00	5.00							
<b>Q</b>	<b>1.3</b>	<b>2.4</b>	<b>3.0</b>	<b>4.0</b>	<b>5.3</b>	<b>Total</b>	<b>0.46</b>	<b>20,038</b>	<b>100</b>			

Curve Number Calculations:

Select Cover Description	Select Cover Type	Hydrologic Soil Group	CN	Input Area (ac)
1. Impervious Areas	Paved parking lots, roofs, driveways, etc. (excluding right of way)	D	98.00	0.65
2. Open space lawns parks golf courses cemeteries	Fair condition (grass cover 50% to 75%)	D	84.00	0.04
3.			0.00	0.00
			<b>97.00</b>	<b>0.69</b>

  

Select Cover Description	Select Cover Type	Hydrologic Soil Group	CN	Input Area (ac)
1. Impervious Areas	Paved parking lots, roofs, driveways, etc. (excluding right of way)	D	98.00	0.03
2. Open space lawns parks golf courses cemeteries	Fair condition (grass cover 50% to 75%)	D	84.00	0.08
3.			0.00	0.00
			<b>88.00</b>	<b>0.11</b>

  

Select Cover Description	Select Cover Type	Hydrologic Soil Group	CN	Input Area (ac)
1. Impervious Areas	Paved parking lots, roofs, driveways, etc. (excluding right of way)	D	98.00	0.39
2. Open space lawns parks golf courses cemeteries	Fair condition (grass cover 50% to 75%)	D	84.00	0.07
3.			0.00	0.00
			<b>96.00</b>	<b>0.46</b>

FOR CITY USE ONLY:

SITE PLAN APPROVAL Sheet 12 of 37  
FILE NUMBER: SP-2019-0297C APPLICATION DATE: JULY 15, 2019  
APPROVED BY COMMISSION ON: \_\_\_\_\_ UNDER SECTION 112 OF  
CHAPTER 255 OF THE CITY OF AUSTIN CODE.  
EXPIRATION DATE (25-5-81.LDC) CASE MANAGER L. SITALA  
PROJECT EXPIRATION DATE (ORD.#070905-A) DWPZ DDZ\_X

Director, Development Services Department  
RELEASED FOR GENERAL COMPLIANCE: \_\_\_\_\_ ZONING: PUD  
Rev. 1 \_\_\_\_\_ Correction 1  
Rev. 2 \_\_\_\_\_ Correction 2  
Rev. 3 \_\_\_\_\_ Correction 3

FINAL PLAT MUST BE RECORDED BY THE PROJECT EXPIRATION DATE, IF APPLICABLE. SUBSEQUENT SITE PLANS WHICH DO NOT COMPLY WITH THE CODE CURRENT AT THE TIME OF FILING, AND ALL REQUIRED BUILDING PERMITS AND/OR A NOTICE OF CONSTRUCTION (IF A BUILDING PERMIT IS NOT REQUIRED), MUST ALSO BE APPROVED PRIOR TO THE PROJECT EXPIRATION DATE.

DRAWN BY: MBIRM  
DESIGNED BY: JDM  
QA/OC:  
PROJECT NO.: 113598-0002

SHEET  
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OF 37