


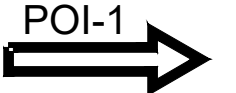




PROPOSED HYDROLOGY

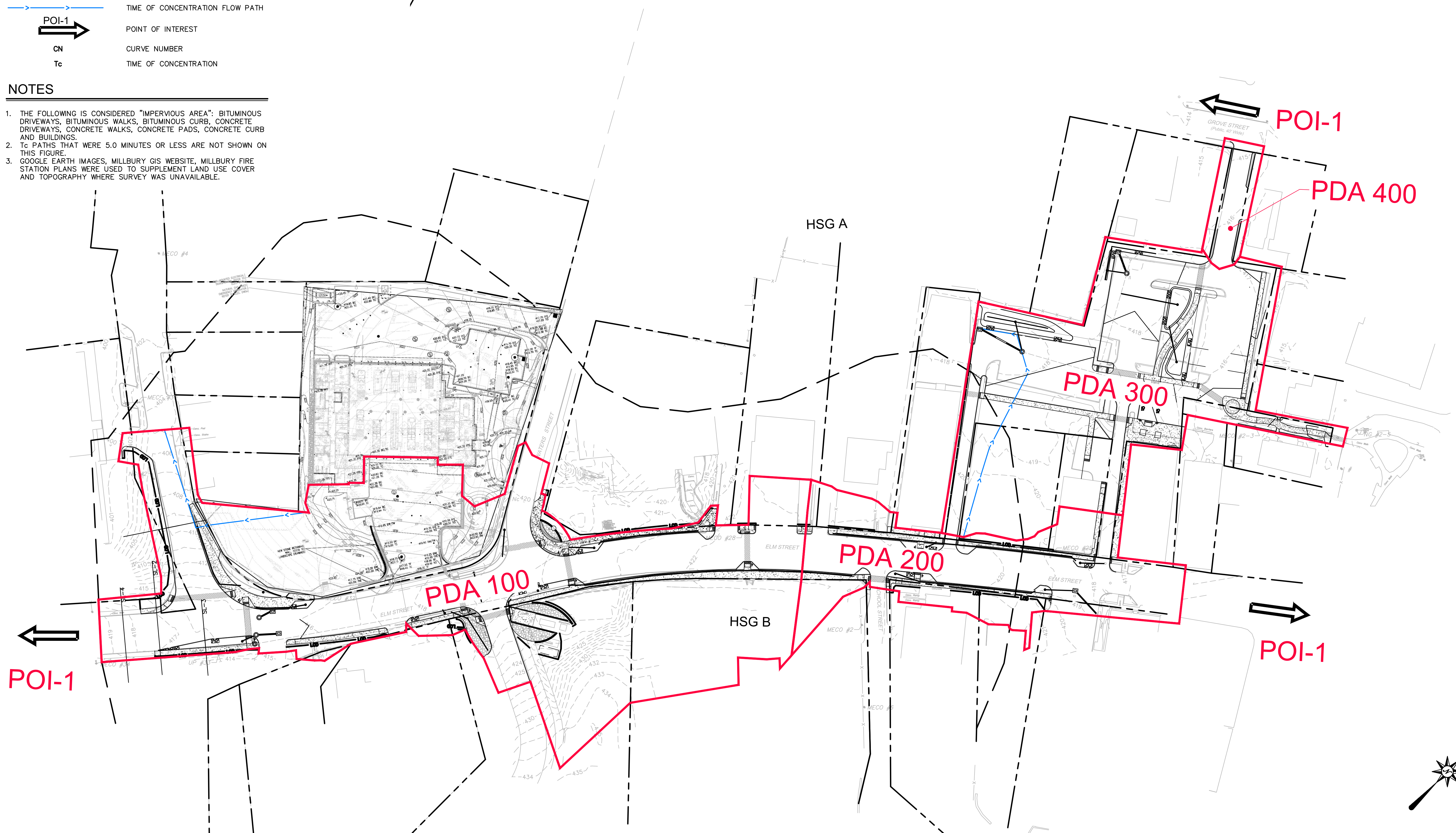
DRAINAGE AREA	TOTAL AREA (S.F.)	IMPERVIOUS AREA (S.F.)	PERVIOUS AREA (S.F.)	PERCENT IMPERVIOUS (%)	CN	Tc (MIN.)
PDA 100	133,268	79,003	54,265	59.4%	83	7.8
PDA 200	37,217	28,034	9,183	75.3%	88	5.0
PDA 300	71,351	42,401	28,950	59.4%	76	8.5
PDA 400	5,336	3,555	1,781	66.6%	78	5.0

LEGEND

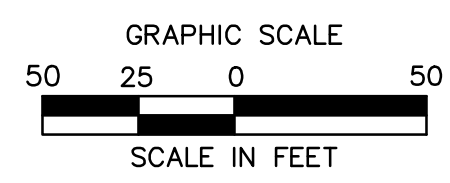
-  PROPERTY LINE
-  EXISTING DRAINAGE AREA BOUNDARY
-  TIME OF CONCENTRATION FLOW PATH
-  POINT OF INTEREST
-  CURVE NUMBER
-  TIME OF CONCENTRATION

NOTES

1. THE FOLLOWING IS CONSIDERED "IMPERVIOUS AREA": BITUMINOUS DRIVEWAYS, BITUMINOUS WALKS, BITUMINOUS CURB, CONCRETE DRIVEWAYS, CONCRETE WALKS, CONCRETE PADS, CONCRETE CURB AND BUILDINGS.
2. Tc PATHS THAT WERE 5.0 MINUTES OR LESS ARE NOT SHOWN ON THIS FIGURE.
3. GOOGLE EARTH IMAGES, MILLBURY GIS WEBSITE, MILLBURY FIRE STATION PLANS WERE USED TO SUPPLEMENT LAND USE COVER AND TOPOGRAPHY WHERE SURVEY WAS UNAVAILABLE.



PERMIT SET



REVISIONS	
No.	Date

Designed	L.A.E.
Drawn	L.A.E.
Reviewed	XXX
Scale	1"=50'
Project No.	2001478
Date	May, 2021
CAD File:	PD200147801

Title
PROPOSED DRAINAGE MAP

Sheet No.

FIG. 3

5/25/2021, LENHS, C:\120320\1\WORK\DWG\PD200147801.DWG (PLOT) 1:24000, 50% SCALE

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PROPOSED HYDROLOGY

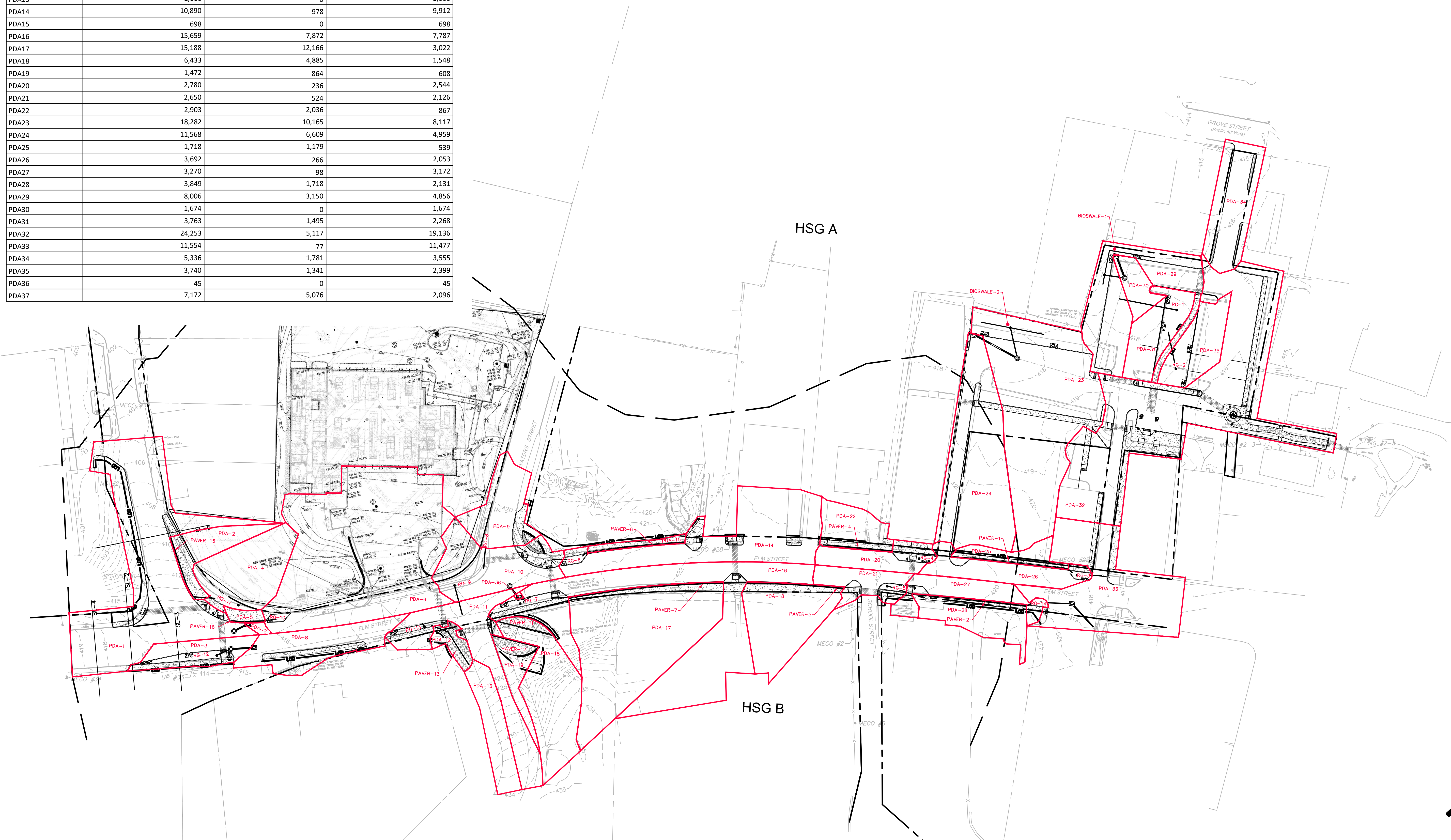
Drainage Area	Catchment Area (sf)	Pervious Cover (sf)	Impervious Cover (sf)
PDA1	19,575	5,253	14,322
PDA2	2,857	1,872	985
PDA3	2,880	581	2,299
PDA4	5,937	5,674	263
PDA5	486	0	486
PDA6	24,318	7,999	16,319
PDA7	200	0	200
PDA8	5,198	1,014	4,184
PDA9	4,402	886	3,516
PDA10	6,478	1,600	4,878
PDA11	5,063	758	4,305
PDA12	1,064	219	845
PDA13	1,066	0	1,066
PDA14	10,890	978	9,912
PDA15	698	0	698
PDA16	15,659	7,872	7,787
PDA17	15,188	12,166	3,022
PDA18	6,433	4,885	1,548
PDA19	1,472	864	608
PDA20	2,780	236	2,544
PDA21	2,650	524	2,126
PDA22	2,903	2,036	867
PDA23	18,282	10,165	8,117
PDA24	11,568	6,609	4,959
PDA25	1,718	1,179	539
PDA26	3,692	266	2,053
PDA27	3,270	98	3,172
PDA28	3,849	1,718	2,131
PDA29	8,006	3,150	4,856
PDA30	1,674	0	1,674
PDA31	3,763	1,495	2,268
PDA32	24,253	5,117	19,136
PDA33	11,554	77	11,477
PDA34	5,336	1,781	3,555
PDA35	3,740	1,341	2,399
PDA36	45	0	45
PDA37	7,172	5,076	2,096

LEGEND

- PROPERTY LINE
- PROPOSED DRAINAGE AREA BOUNDARY

NOTES

1. THE FOLLOWING IS CONSIDERED "IMPERVIOUS AREA": BITUMINOUS DRIVEWAYS, BITUMINOUS WALKS, BITUMINOUS CURB, CONCRETE DRIVEWAYS, CONCRETE WALKS, CONCRETE PADS, CONCRETE CURB AND BUILDINGS.
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REVISIONS	
No.	Date

Designed	L.A.E.
Drawn	L.A.E.
Reviewed	XXX
Scale	1"=50'
Project No.	2001478
Date	May, 2021
CAD File:	PD200147802
Title	STORMWATER BMPS CATCHMENT MAP
Sheet No.	

5/25/2021, LENHS, C:\120320\1\WORK\DWG\PD200147802.DWG, PD2 24x36, 50% SCALE

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