

EXIST 8' HIGH CONCRETE SCREEN WALL

EXCEPTION 2 5' WIDE PUBLIC SERVICE EASEMENT 43 M 3

BOUNDARY LINE

ST POWER LINE

PAVING AREA

AVENUE 052

2,3 321

HIGH CONCRETE CURB GREEN TREE TO BE REMOVED

WOOD FENCE

EXIST LIGHT POLE TO BE REMOVED N 90°00'00" E 153.24' (153.10')

153.24' (153.10')

CONCRETE PAVING

N 87°13'28" W (R)

HAIR PAVING

543 M 3

POSSIBLE CROSS ACCESS LOSE 4 PARKING

ASPHALT PAVING

FUTURE RETAIL 765 SF

FUTURE RETAIL 2,200 SF

COFFEE Gu DT-I 1,716 SF

POSSIBLE CROSS ACCESS

CONCRETE

ASPHALT PAVING

S 89°58'30" E 23.00'
S 00°08'00" W 1.37' (1.30')

N 90°00'00" E 143.53' (143.31)

5'-0"

CITY LIMIT LINE

5' HIGH CONCRETE CURB

5' BUILDING SETBACK LINE

5' HIGH CONCRETE CURB

S 87°52'09" E (R)

6' 1/2"

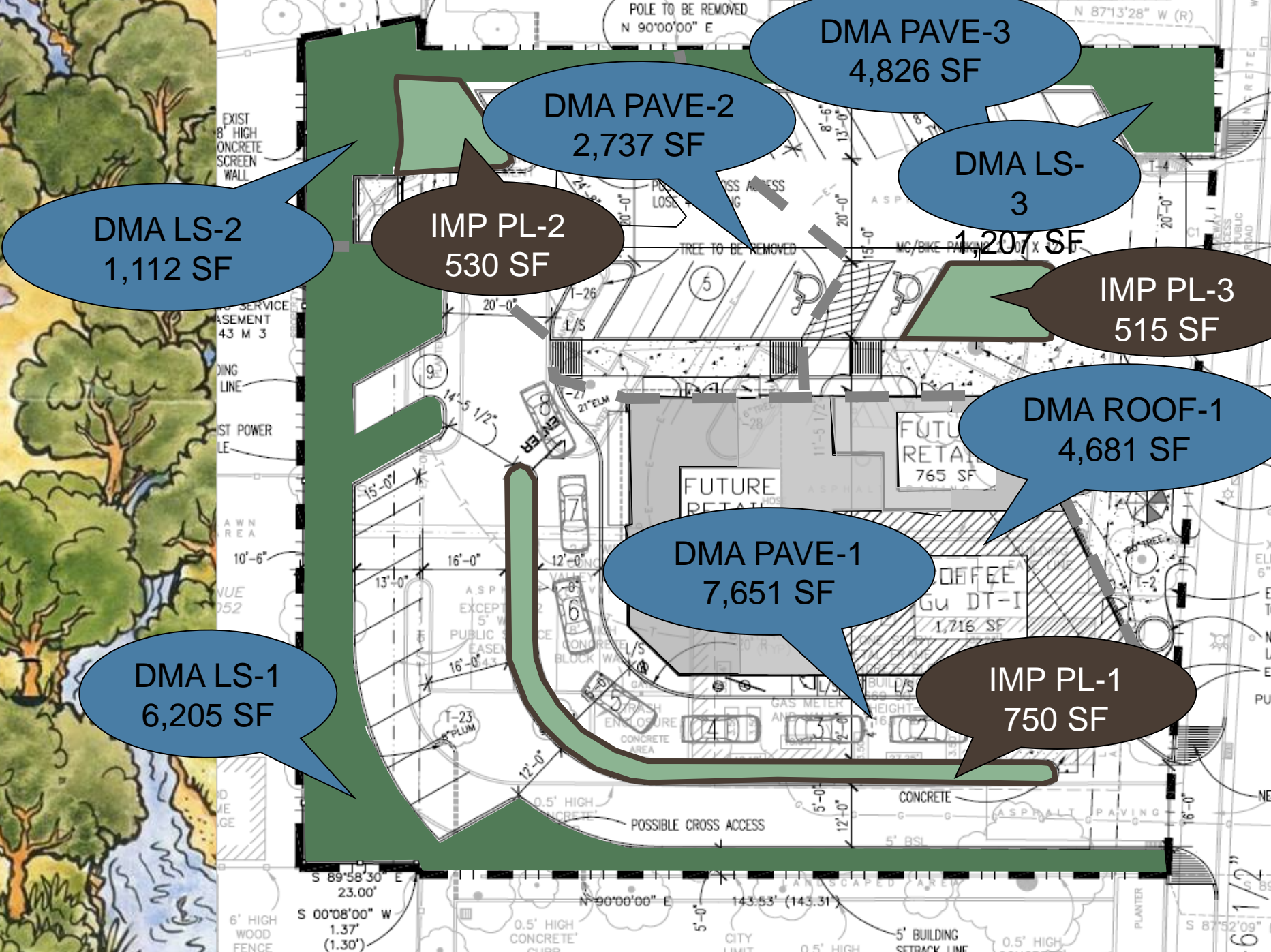


369 South Winchester Blvd, San Jose, CA

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Streaming 100%



DMA LS-2
1,112 SF

DMA PAVE-2
2,737 SF

DMA PAVE-3
4,826 SF

DMA LS-3
1,207 SF

IMP PL-2
530 SF

IMP PL-3
515 SF

DMA LS-1
6,205 SF

DMA PAVE-1
7,651 SF

DMA ROOF-1
4,681 SF

IMP PL-1
750 SF

DMA PAVE-3

Integrated Management Practice Calculator

File Tools Help

Project Information

All of the project information is required. Please fill in all of the information before editing the DMAs and IMPs.

Project Name **Design Goal**
 Treatment Plus Flow Control
 Treatment Only

Location

APN

Total Area sq ft **Mean Annual Precip** in

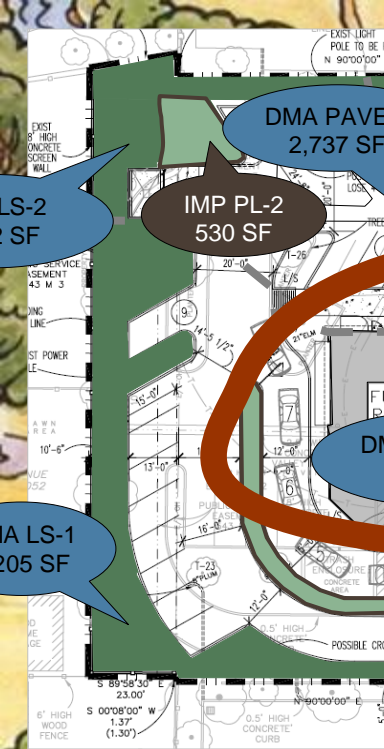
Drainage Management Areas (DMAs) | **Integrated Management Practices (IMPs)** | **Calculation Warnings** | **Summary Report**

Total Area (Calculated)

Drainage Management Areas	<input type="text" value="0"/>	sq. ft.
Integrated Management Practices	<input type="text" value="0"/>	sq. ft.
Total	<input type="text" value="0"/>	sq. ft.

DMA LS-2
1,112 SF

DMA LS
6,205 S



Integrated Management Practice Calculator

File Tools Help

All of the project information is required. Please fill in all of the information before editing the DMAs and IMPs.

Project Name: Drive-Through Coffee Shop

Location: Anytown, USA

APN: 000-0000-000

Total Area: 28330 sq ft

Mean Annual Precip: 15 in

Design Goal:

- Treatment Plus Flow Control
- Treatment Only

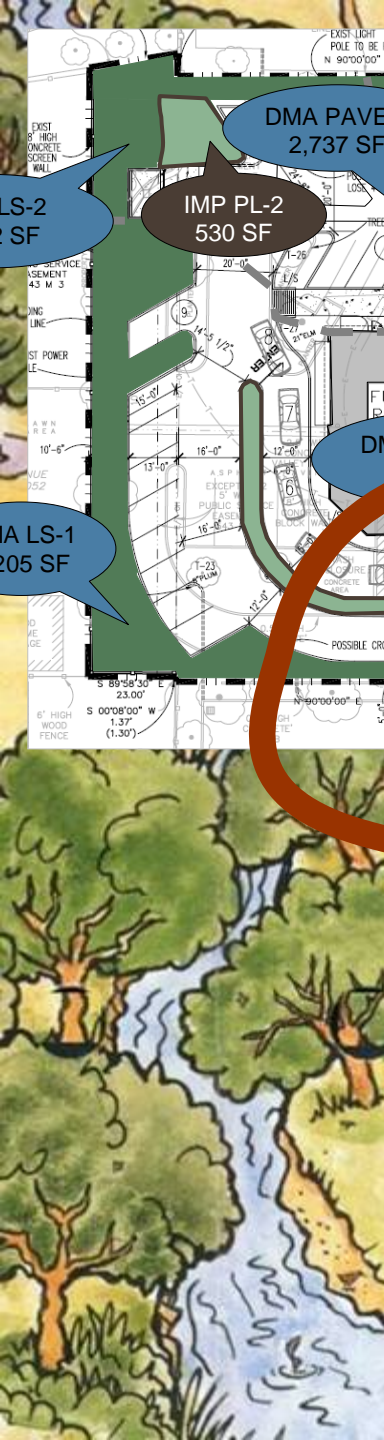
Drainage Management Areas (DMAs) | **Integrated Management Practices (IMPs)** | **Calculation Warnings(2)** | **Summary Report**

Add New DMA | **Remove Current DMA** | **Rename Current DMA**

Total Area (Calculated)

Drainage Management Areas	0	sq. ft.
Integrated Management Practices	0	sq. ft.
Total	0	sq. ft.

(WARNING: Total area of DMAs and IMPs does not equal the total project area)



Integrated Management Practice Calculator

File Tools Help

Project Information

All of the project information is required. Please fill in all of the information before editing the DMAs and IMPs.

Project Name

Design Goal

Treatment Plus Flow Control

Treatment Only

Location

APN

Total Area sq ft

Drainage Management Areas (DMAs) Integrated Management Practices (IMPs) Calculations Warnings(2) Summary Report

DMA1

DMA Type

IMP

NOTE: The DMA can

Drainage Area (sq. ft.)

Drains to

NRCS Soil Group

Post-project Surface

Add New DMA

Remove Current DMA

Rename Current DMA

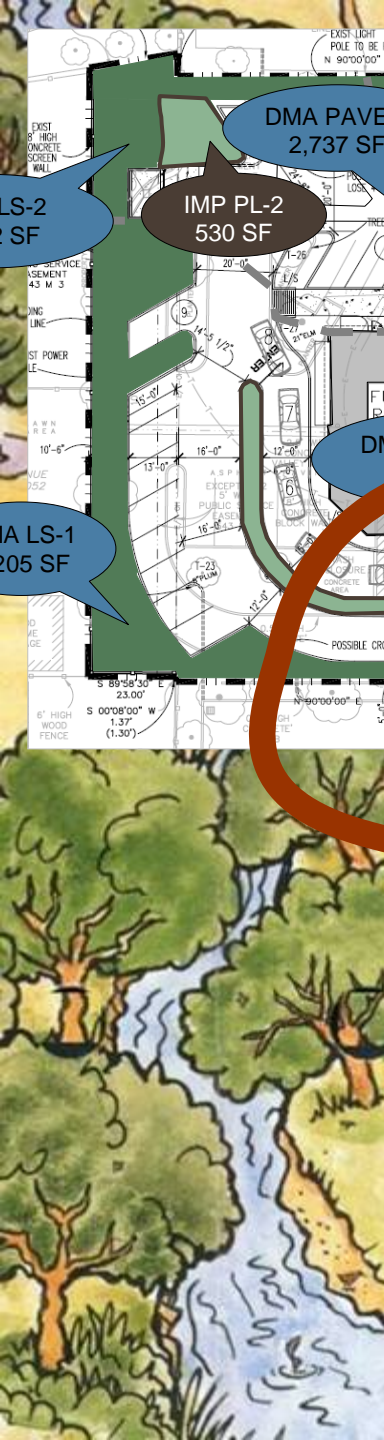
Total Area (Calculated)

Drainage Management Areas sq. ft.

Integrated Management Practices sq. ft.

Total sq. ft.

(WARNING: Total area of DMAs and IMPs does not equal the total project area)



Integrated Management Practice Calculator

File Tools Help

Project Information

All of the project information is required. Please fill in all of the information before editing the DMAs and IMPs.

Project Name: Drive-Through Coffee Shop
Location: Anytown, USA
APN: 000-0000-000
Total Area: 28330 sq ft
Slope: 15 in

Design Goal:
 Treatment Plus Flow Control
 Treatment Only

Drainage Management Areas (DMAs)

Integrated Management Practices (IMPs) Calculations Warnings(5) Summary Report

LS-1 PAVE-1 ROOF-1 LS-2 PAVE-2 LS-3 PAVE-3

DMA Type: Self-Retaining IMP: Please select
Drainage Area (sq. ft): 6205 Drains to D: Please select
NRCS Soil Group: D
Post-project Surface: Grass or Landscaping

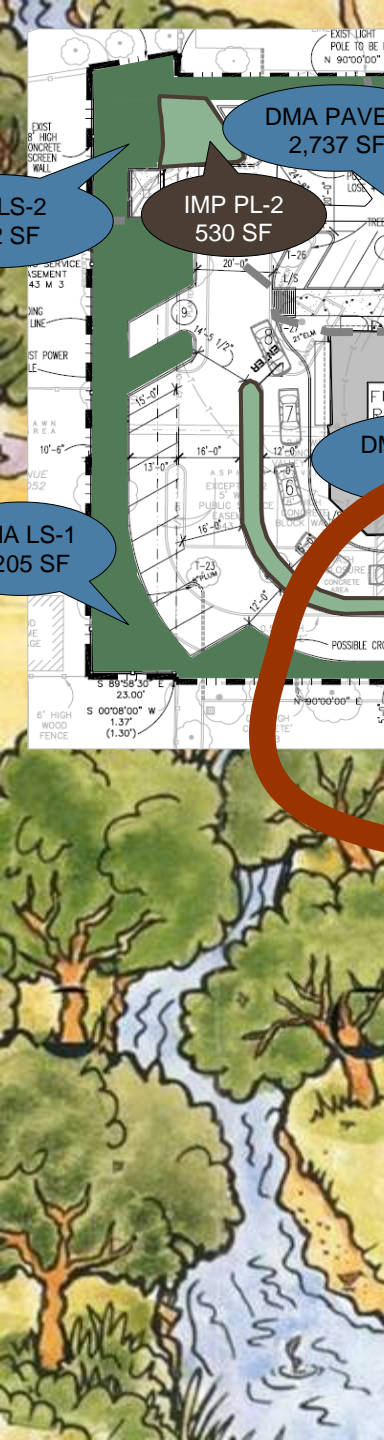
NOTE: The DMA can

Add New DMA Remove Current DMA Rename Current DMA

Total Area (Calculated)

Drainage Management Areas	28329	sq. ft.
Integrated Management Practices	0	sq. ft.
Total	28329	sq. ft.

(WARNING: Total area of DMAs and IMPs is within 100% of the total project area)



DMA PAVE-3
4 826 SF

DMA PAVE
2,737 SF

IMP PL-2
530 SF

LS-2
SF

DMA LS-1
205 SF

Integrated Management Practice Calculator

File Tools Help

Project Information

All of the project information is required. Please fill in all of the information before editing the DMAs and IMPs.

Project Name: Drive-Through Coffee Shop
Location: Anytown, USA
APN: 000-0000-000
Total Area: 28330 sq ft
Precip: 15 in

Design Goal:
 Treatment Plus Flow Control
 Treatment Only

Drainage Management Areas (DMAs) | Integrated Management Practices (IMPs) | Calculations | Warnings(5) | Summary Report

LS-1 | PAVE-1 | ROOF-1 | LS-2 | PAVE-2 | LS-3 | PAVE-3

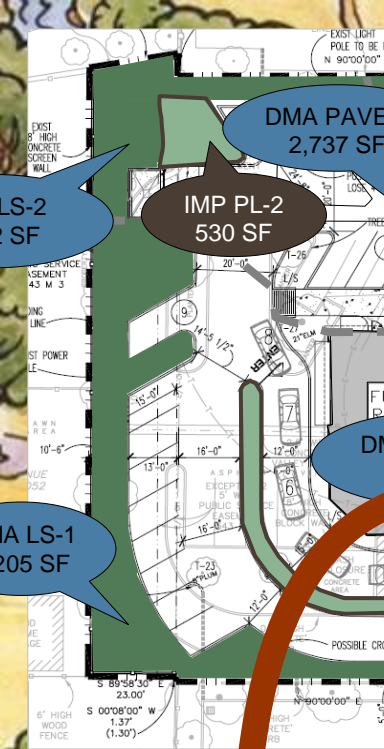
DMA Type: Drains to IMP
IMP: Please select
NOTE: The DMA can
Drainage Area (sq. ft): 7561
Drains to D: Please select
NRCS Soil Group: D
Post-project Surface: Conventional Concrete or Asphalt Paving

Add New DMA | Remove Current DMA | Rename Current DMA

Total Area (Calculated)

Drainage Management Areas	28329	sq. ft.
Integrated Management Practices	0	sq. ft.
Total	28329	sq. ft.

(WARNING: Total area of DMAs and IMPs is within 100% of the total project area)



Integrated Management Practice Calculator

File Tools Help

Project Information
 All of the project information is required. Please fill in all of the information before editing the DMAs and IMPs.

Project Name: Design Goal: Treatment Plus Flow Control Treatment Only

Location:

APN:

Total Area: sq ft Mean Annual Precip: in

Drainage Management Areas (DMAs) | **Integrated Management Practices (IMPs)** | Calculation Warnings(6) | Summary Report

PL-1

Soil Group:

Type:

- Please select
- In-Ground (Infiltration) Planter
- Bioretention Area
- Vegetated or Grassy (Dry) Swale
- Flow-through Planter

Minimum Area (sq ft):

Planned Area (sq ft):

Max Underdrain Flow (cfs):

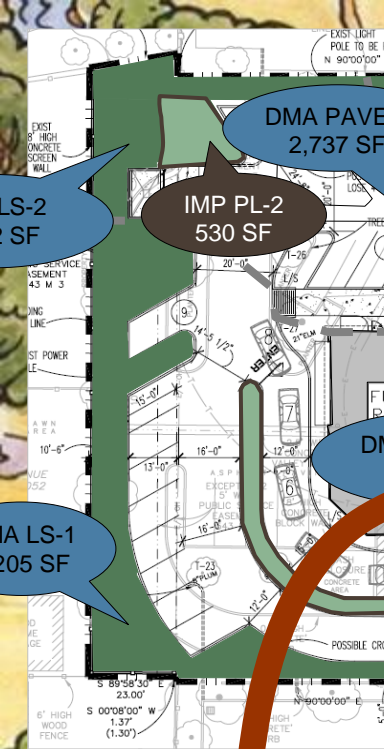
IMP currently attached to the following DMAs:



Total Area (Calculated)

Drainage Management Areas	<input type="text" value="28329"/>	sq. ft.
Integrated Management Practices	<input type="text" value="0"/>	sq. ft.
Total	<input type="text" value="28329"/>	sq. ft.

WARNING: Total Area (DMAs + IMPs) is 100% of the total project area.



Integrated Management Practice Calculator

File Tools Help

Project Information

All of the project information is required. Please fill in all of the information before editing the DMAs and IMPs.

Project Name

Location

APN

Total Area sq ft Mean Annual Precip in

Design Goal

Treatment Plus Flow Control

Treatment Only

Drainage Management Areas (DMAs) Integrated Management Practices (IMPs) Calculation Warnings(5) Summary Report

PL-1

Soil Group

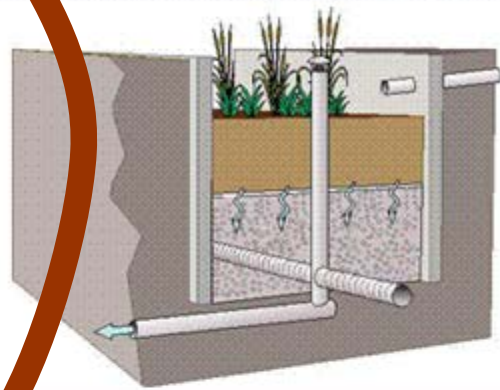
Type

Minimum Area (sq ft)

Planned Area (sq ft)

Max Underdrain Flow (cfs)

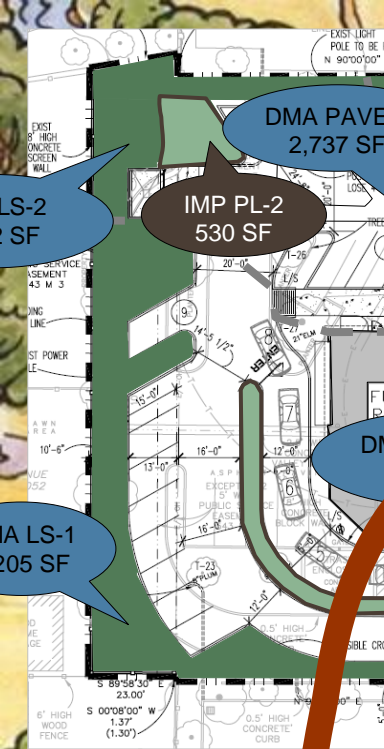
IMP currently attached to the following DMAs:



Total Area (Calculated)

Drainage Management Areas	<input type="text" value="28329"/> sq. ft.
Integrated Management Practices	<input type="text" value="0"/> sq. ft.
Total	<input type="text" value="28329"/> sq. ft.

WARNING: Total area of DMAs and IMPs is within 100% of the total project area.



Integrated Management Practice Calculator

File Tools Help

Project Information

All of the project information is required. Please fill in all of the information before editing the DMAs and IMPs.

Project Name:

Location:

APN:

Total Area: sq ft Mean Annual Precip: in

Design Goal

Treatment Plus Flow Control

Treatment Only

Drainage Management Areas (DMAs) Integrated Management Practices (IMPs) Calculations Warnings(6) Summary Report

LS-1 PAVE-1 ROOF-1 LS-2 PAVE-2 LS-3 PAVE-3

DMA Type: IMP: NOTE: The DMA can

Drainage Area (sq. ft): Drains to D:

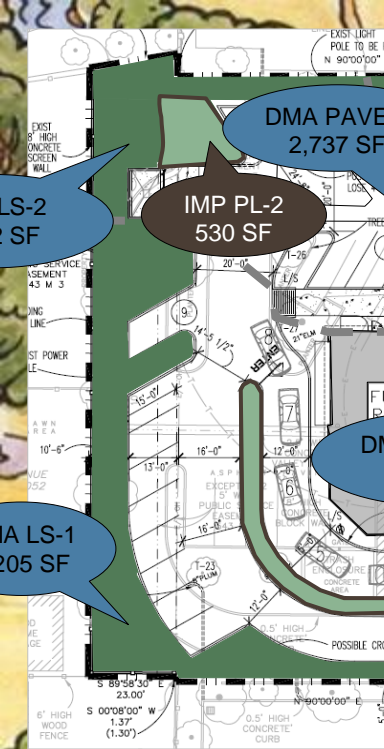
NRCS Soil Group:

Post-project Surface:

Total Area (Calculated)

Drainage Management Areas	<input type="text" value="28329"/>	sq. ft.
Integrated Management Practices	<input type="text" value="1120"/>	sq. ft.
Total	<input type="text" value="29449"/>	sq. ft.

WARNING: Total Area (DMA + IMP) is 29449 sq. ft. of the total project area.



Integrated Management Practice Calculator [Drive-throughCoffee.xml]

File Tools Help

Project Information

All of the project information is required. Please fill in all of the information before editing the DMAs and IMPs.

Project Name

Location

APN

Total Area sq ft Mean Annual Precip in

Design Goal

Treatment Plus Flow Control

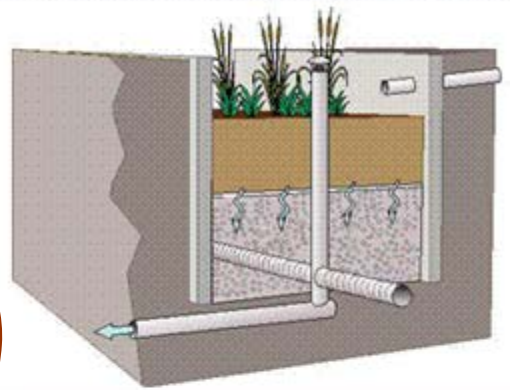
Treatment Only

Drainage Management Areas (DMAs) **Integrated Management Practices (IMPs)** Calculation Warnings(1) Summary Report

PL-3 **PL-1** PL-2

Soil Group

Type



Minimum Area (sq ft)

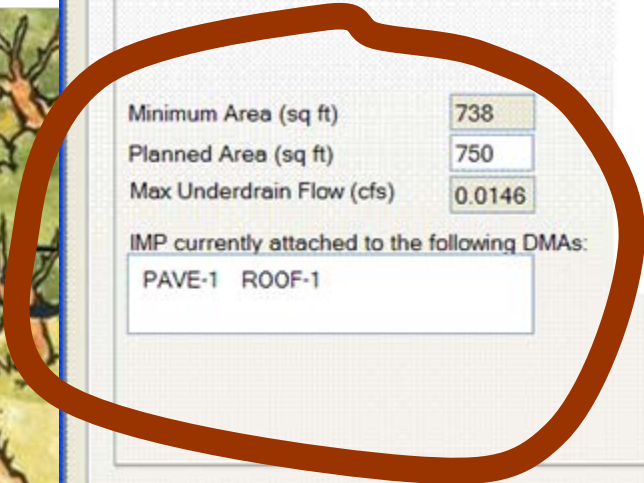
Planned Area (sq ft)

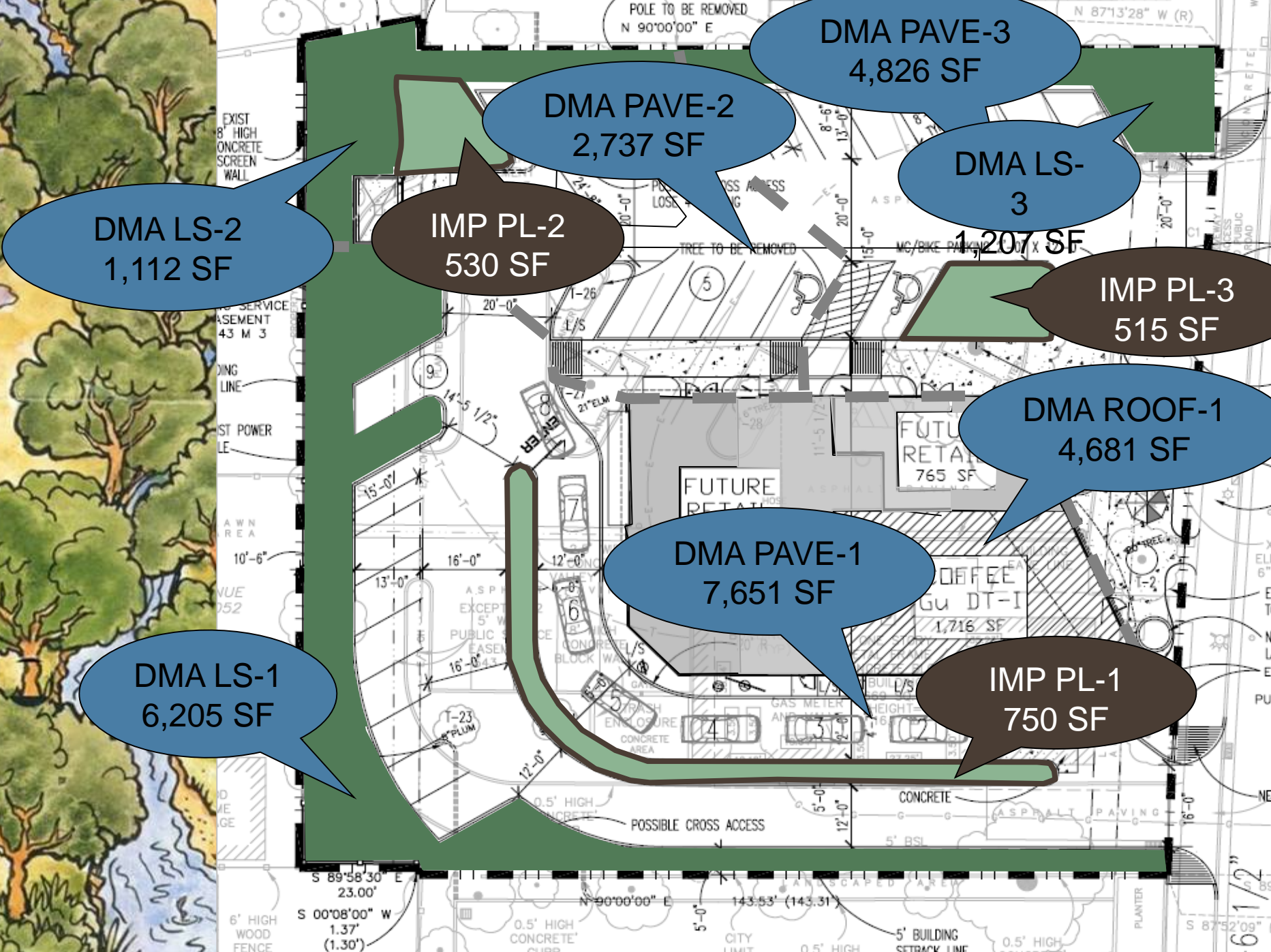
Max Underdrain Flow (cfs)

IMP currently attached to the following DMAs:

Total Area (Calculated)

Drainage Management Areas	<input type="text" value="27609"/>	sq. ft.
Integrated Management Practices	<input type="text" value="1270"/>	sq. ft.
Total	<input type="text" value="28879"/>	sq. ft.





DMA LS-2
1,112 SF

DMA PAVE-2
2,737 SF

DMA PAVE-3
4,826 SF

DMA LS-3
1,207 SF

IMP PL-2
530 SF

IMP PL-3
515 SF

DMA ROOF-1
4,681 SF

DMA PAVE-1
7,651 SF

DMA LS-1
6,205 SF

IMP PL-1
750 SF

EXIST 8' HIGH CONCRETE SCREEN WALL

SERVICE BASEMENT 43 M 3

BOUNDING LINE

ST POWER

AWN AREA

AVENUE 052

WOOD FENCE

6' HIGH WOOD FENCE

EXIST LIGHT POLE TO BE REMOVED N 90°00'00" E

CROSS ACCESS

TREE TO BE REMOVED

FUTURE RETAIL 765 SF

FUTURE RETAIL

OFFICE 1,716 SF

GU DT-I

CONCRETE AREA

POSSIBLE CROSS ACCESS

CITY LIMIT LINE

0.5' HIGH CONCRETE CURB

5' BUILDING SETBACK LINE

ASP

MC/BIKE PARKING

CONCRETE

CONCRETE

CONCRETE

CONCRETE

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S 89°58'30" E 23.00'

S 00°08'00" W 1.37' (1.30')

N 90°00'00" E 143.53' (143.31)

5'-0"

5'-0"

5'-0"

5'-0"

5'-0"

5'-0"

5'-0"

5'-0"

S 89°52'00" E

S 87°52'09" E

6' 1/2"

Project Name: Drive-Through Coffee Shop
Project Type: Flow Control and Water Quality
Location: Anytown, USA
APN: 000-0000-000
Drainage Area: 28330 (sf)
Mean Annual Precipitation: 15 (in)

Drainage Management Areas Draining to IMPs

IMP										Tributary DMAs					
Name	Type	Soil Group	Rain Adj. Factor	Sizing Factor	Dim. 1 (ft)	Dim. 2 (ft)	Min. Size	Planned Size	Max Underdrain Flow (cfs)	Name	Surface Type	Area	Runoff Factor	Min IMP Size	Contribution to Max Underdrain Flow (cfs)
PL-3	In-Ground (Infiltration) Planter	D	1.23	0.05	-	-	282 sq ft	300 sq ft	0.0056	PAVE-3	Conventional Concrete or Asphalt Paving	4576	1	282	-
PL-1	In-Ground (Infiltration) Planter	D	1.23	0.05	-	-	738 sq ft	750 sq ft	0.0147	PAVE-1	Conventional Concrete or Asphalt Paving	7311	1	450	-
										ROOF-1	Roofs	4681	1	288	-
PL-2	In-Ground (Infiltration) Planter	D	1.23	0.05	-	-	155 sq ft	220 sq ft	0.0031	PAVE-2	Conventional Concrete or Asphalt Paving	2517	1	155	-