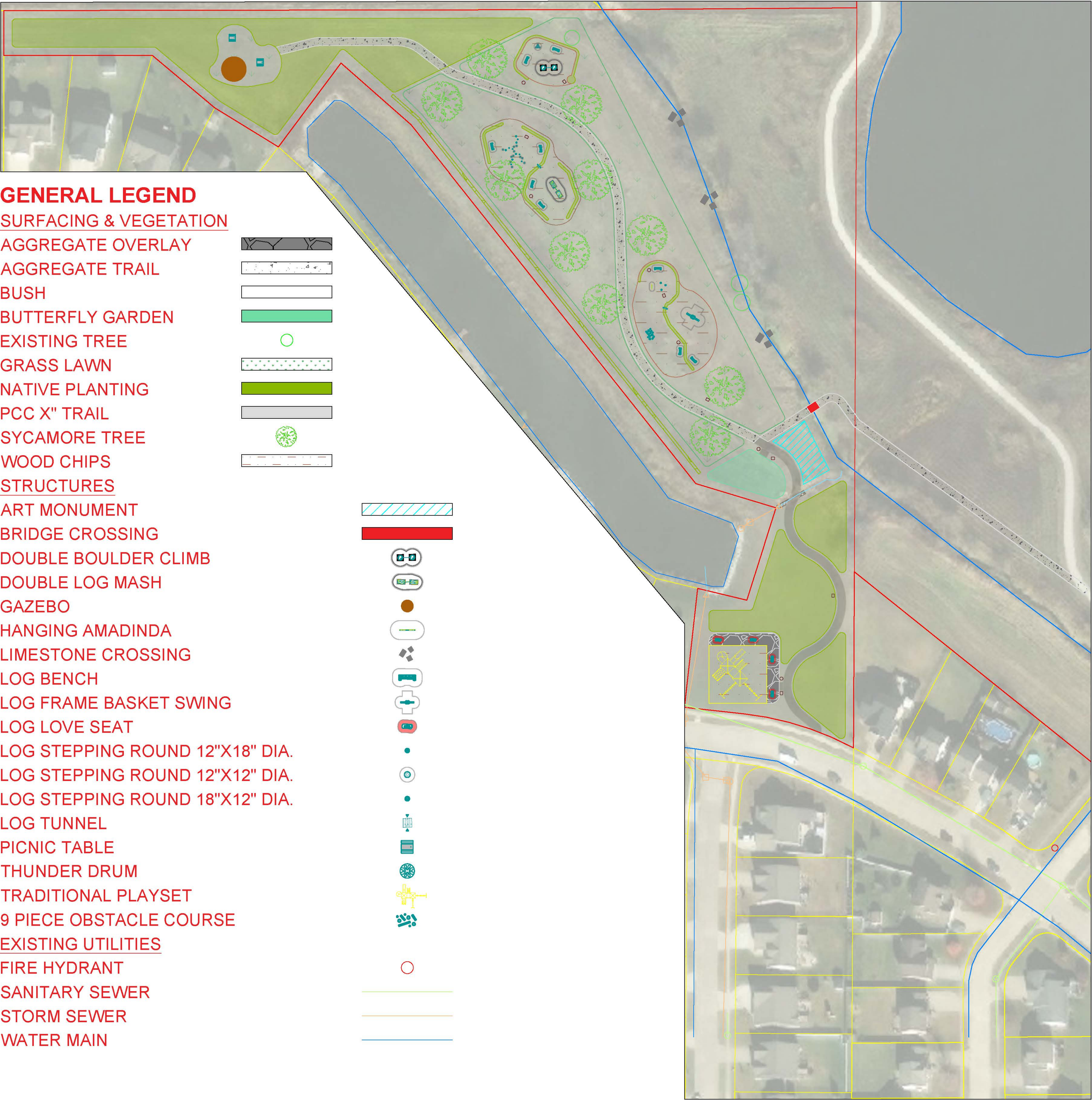


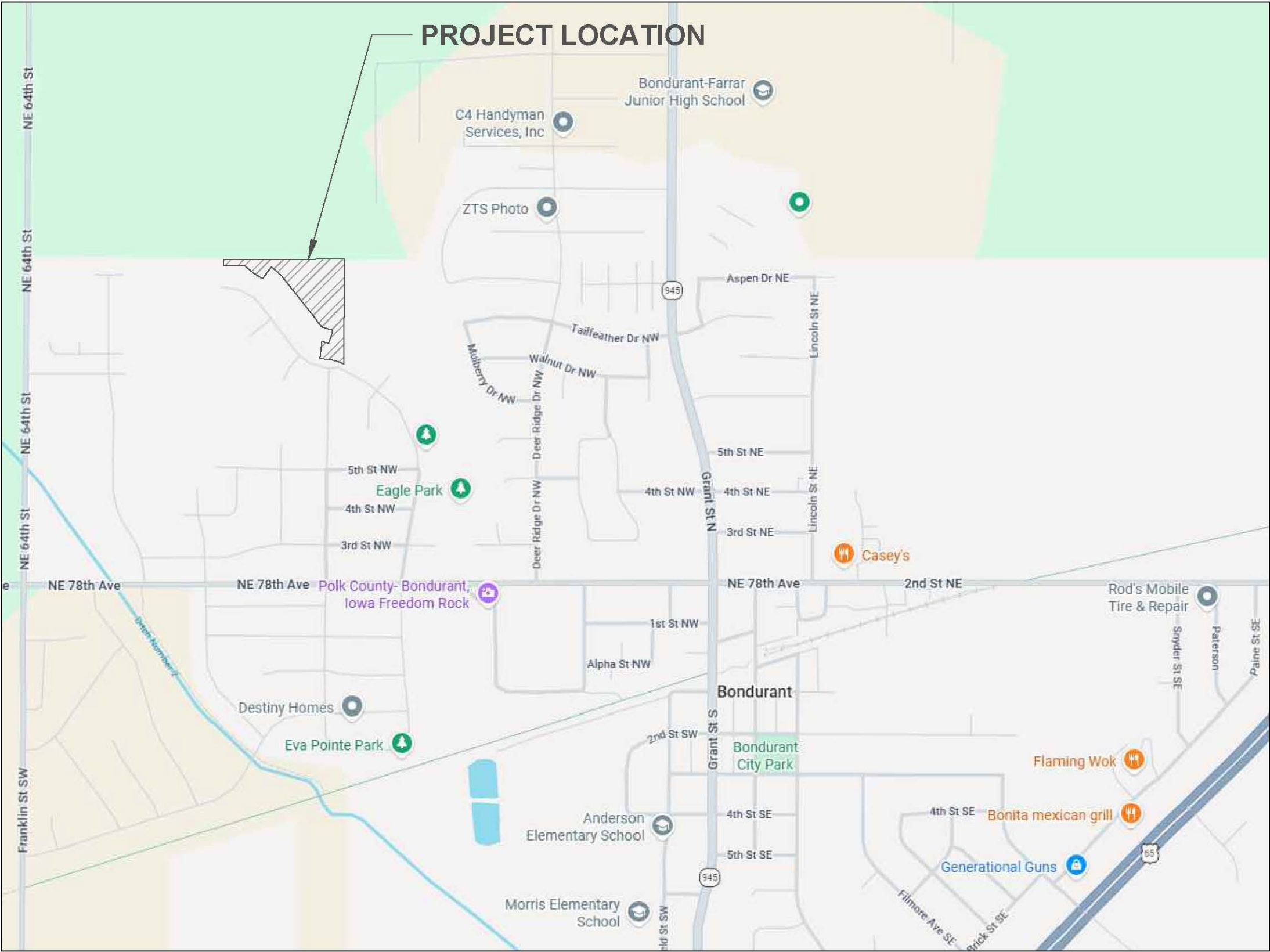
BLUEJAY LANDING PARK INTEGRATED DESIGN PROJECT

610 MALLARD POINTE DR NW, BONDURANT
POLK COUNTY, IOWA

PROJECT LOCATION



VICINITY MAP



SHEET LIST	
A1	COVER SHEET
B1 - B2	QUANTITIES
D1	DEMO SHEET
S1	WELCOME AREA
S2	NATURAL PLAYSCAPE
S3	NORTHWEST BLUEJAY
J1 - J6	SIDEWALK SHEETS

PROJECT:	CEE: 4850
DATE :	05/08/2026
DRAWN BY:	AEM
REVISION:	

THE UNIVERSITY OF IOWA
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Bluejay Landing Park

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SHEET NAME
Cover Sheet

SHEET NO.
A1

PHASE 1			
ITEM	DESCRIPTION	UNIT	QUANTITY
1	CLEARING AND GRUBBING	AC	4.17
2	Traditional Playground	EA	1
3	CULVERT, CONCRETE ROADWAY PIPE, 48 IN. DIA.	LF	37.5
4	Limestone Boulders	EA	9
5	Sycamore Tree	EA	10
6	12' X 40' X 50-ton Steel Panel Bridge	EA	1

PHASE 2			
ITEM	DESCRIPTION	UNIT	QUANTITY
1	SPECIAL COMPACTION OF SUBGRADE FOR RECREATIONAL TRAIL	STA	17.46
2	MODIFIED SUBBASE	CY	137.78
3	AGGREGATE, ROADWAY COVER, 3/8 IN.	TON	1.45
4	Tensar BX1100 (estimated)	SY	957.9
5	RECREATIONAL TRAIL, PORTLAND CEMENT CONCRETE, 5 IN.	SY	507.46

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SHEET NAME
QUANTITIES

SHEET NO.
B1

PHASE 3			
ITEM	DESCRIPTION	UNIT	QUANTITY
1	Double Boulder Climber Public Use	EA	1
2	Log Frame To-Fro Basket Swing (Single Bay)	EA	1
3	Double Log Mash W/ One 8ft Rope	EA	1
4	Public Log Tunnel	EA	2
5	Picnic Table	EA	2
6	Thunder Drums (Set of 3)	EA	1
7	Standard Public 9 Piece Obstacle Course	EA	1
8	Log Love Seat	EA	4
9	Full Log Park Bench	EA	9
10	Hanging Amadinda	EA	1
11	Log Stepping Rounds 12"x18"Diameter	EA	5
12	Log Stepping Rounds 18"x12" Diameter	EA	6
13	Log Stepping Rounds 12"x12" Diameter	EA	11.00
14	MULCH, WOOD CHIPS (Wood Chips/Surfacing) (3")	CY	271.13
15	Log Fort (Gazebo)	EA	1
16	Trash Cans	EA	6
17	Signage	EA	7
18	Allendan Custom 10/30 Mix	AC	1.36
19	Mix of Switchgrass, Big Bluestem, Indiangrass, and bluegrass	SF	1770.23
20	CP42 Leopold #1 Pollinator 10/30 Iowa Ecotype	AC	0.08
21	Seed Installment	AC	2.90
22	Seeding and Fertilizing	AC	1.5

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SHEET NAME
QUANTITIES

SHEET NO.
B2

LEGEND

EXISTING FENCE

REMOVE TREE

PROTECT TREE

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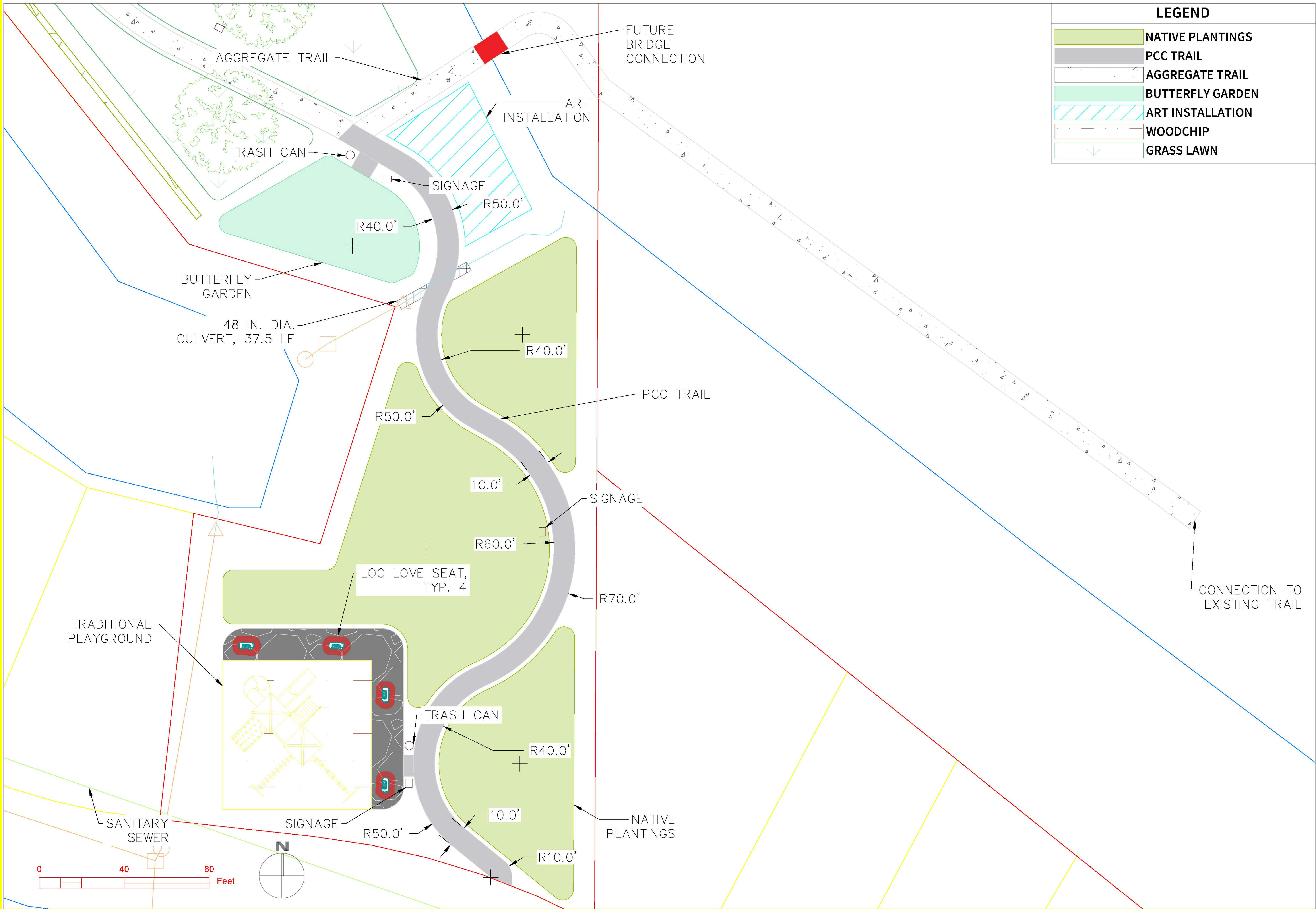
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SHEET NAME
DEMO PLAN

SHEET NO.
D1





LEGEND	
	NATIVE PLANTINGS
	PCC TRAIL
	AGGREGATE TRAIL
	BUTTERFLY GARDEN
	ART INSTALLATION
	WOODCHIP
	GRASS LAWN

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SHEET NAME
SITE PLAN
SHEET NO.
S1

LEGEND

NATIVE PLANTINGS

PCC TRAIL

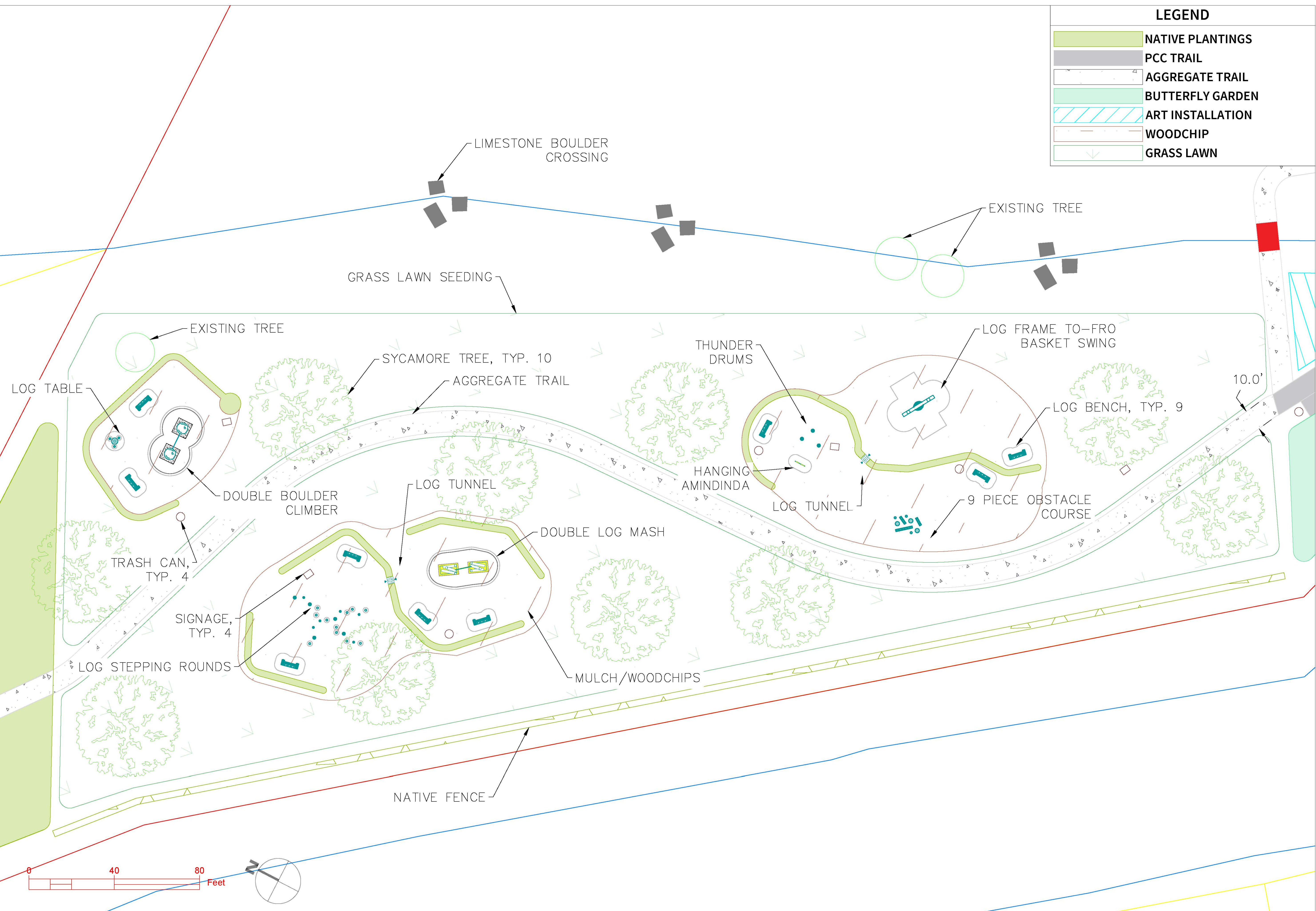
AGGREGATE TRAIL

BUTTERFLY GARDEN

ART INSTALLATION

WOODCHIP

GRASS LAWN



PROJECT: CEE: 4850

DATE : 05/08/2026

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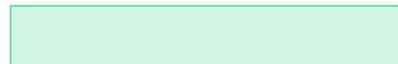
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SHEET NAME

SITE PLAN

SHEET NO.

S2

LEGEND	
	NATIVE PLANTINGS
	PCC TRAIL
	AGGREGATE TRAIL
	BUTTERFLY GARDEN
	ART INSTALLATION
	WOODCHIP
	GRASS LAWN

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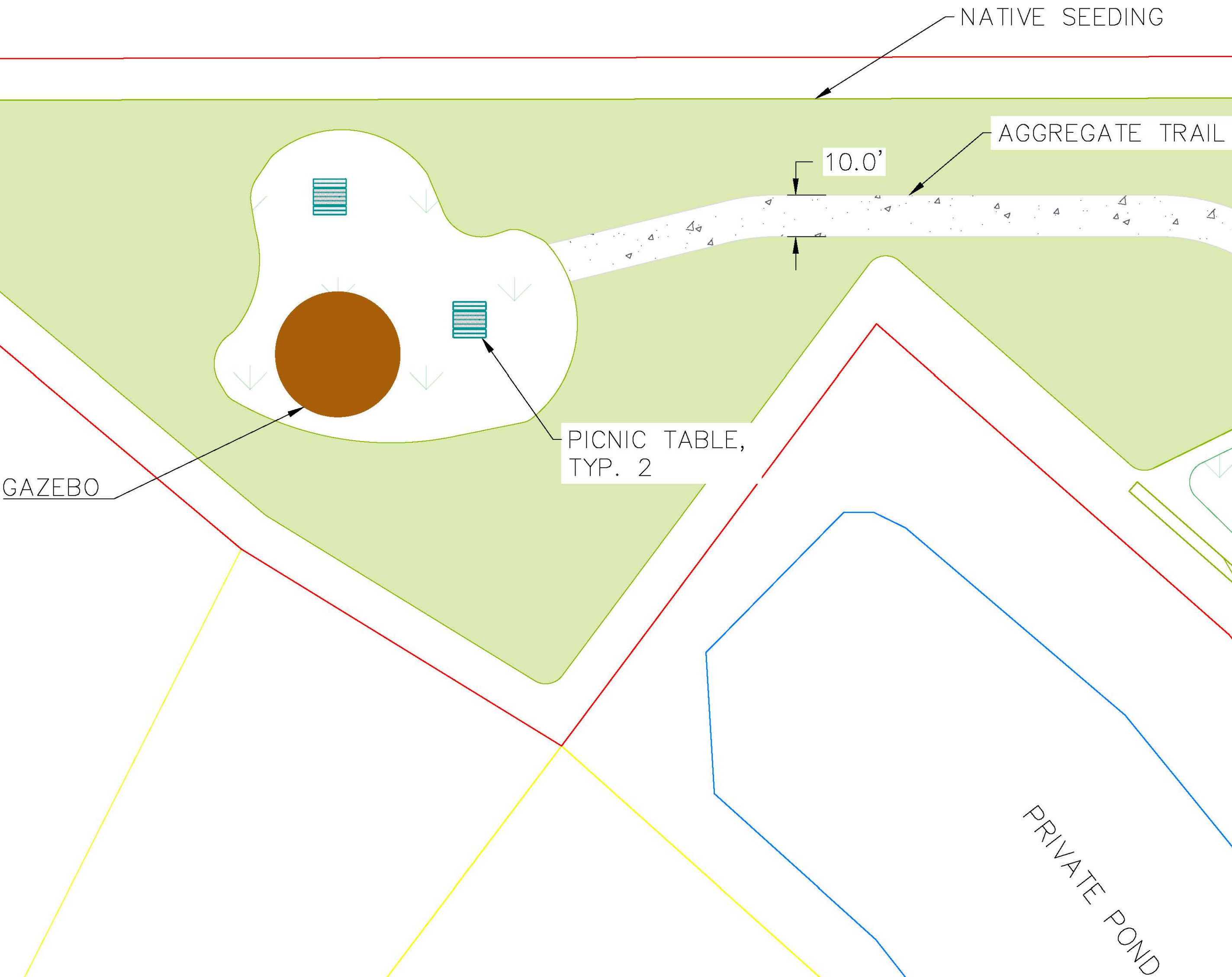
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SHEET NAME
SITE PLAN
SHEET NO.
S3



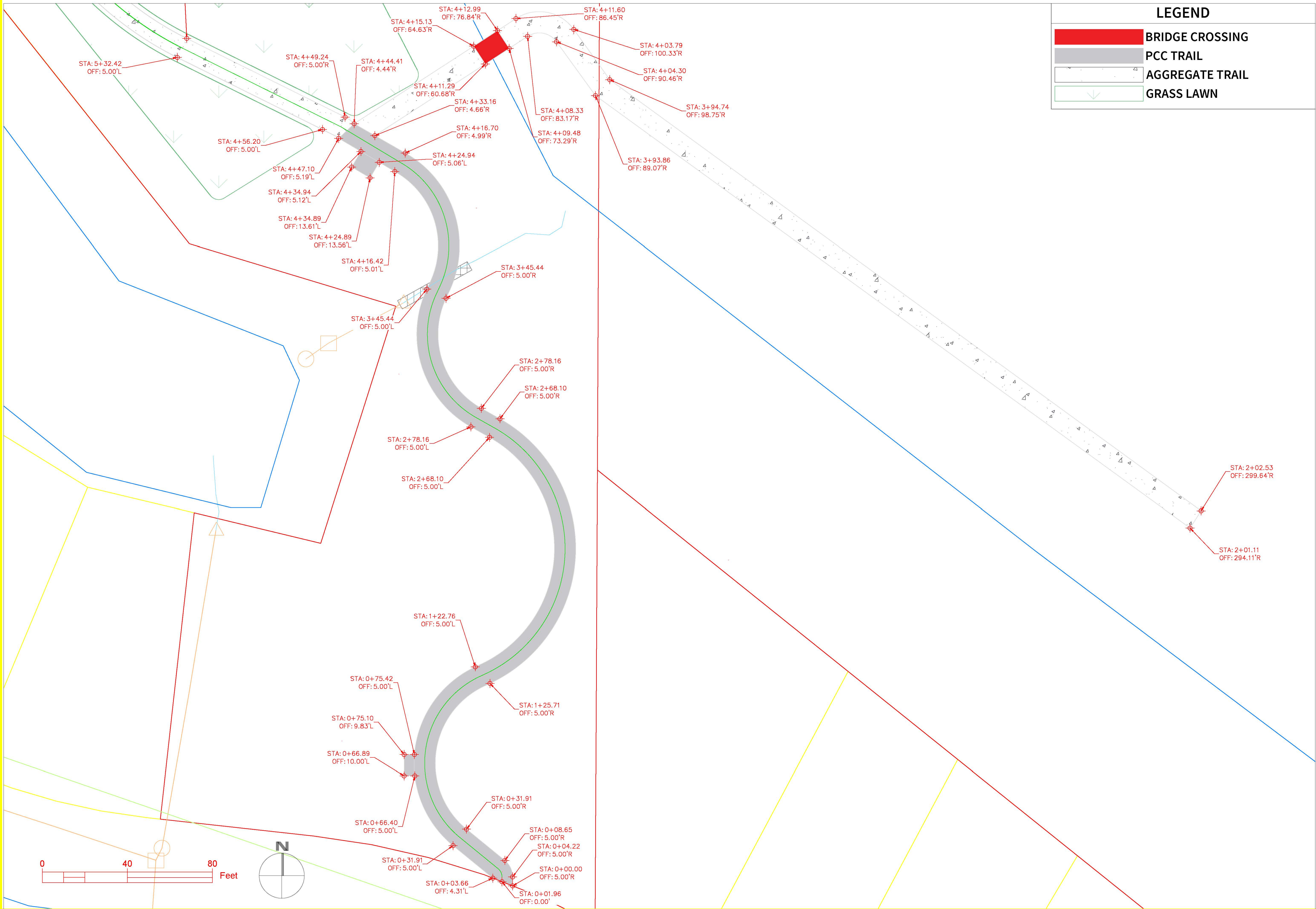
LEGEND

BRIDGE CROSSING

PCC TRAIL

AGGREGATE TRAIL

GRASS LAWN



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DATE : 05/08/2026

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SHEET NAME

SIDEWALK PLAN

SHEET NO.

J1

LEGEND

BRIDGE CROSSING

PCC TRAIL

AGGREGATE TRAIL

GRASS LAWN

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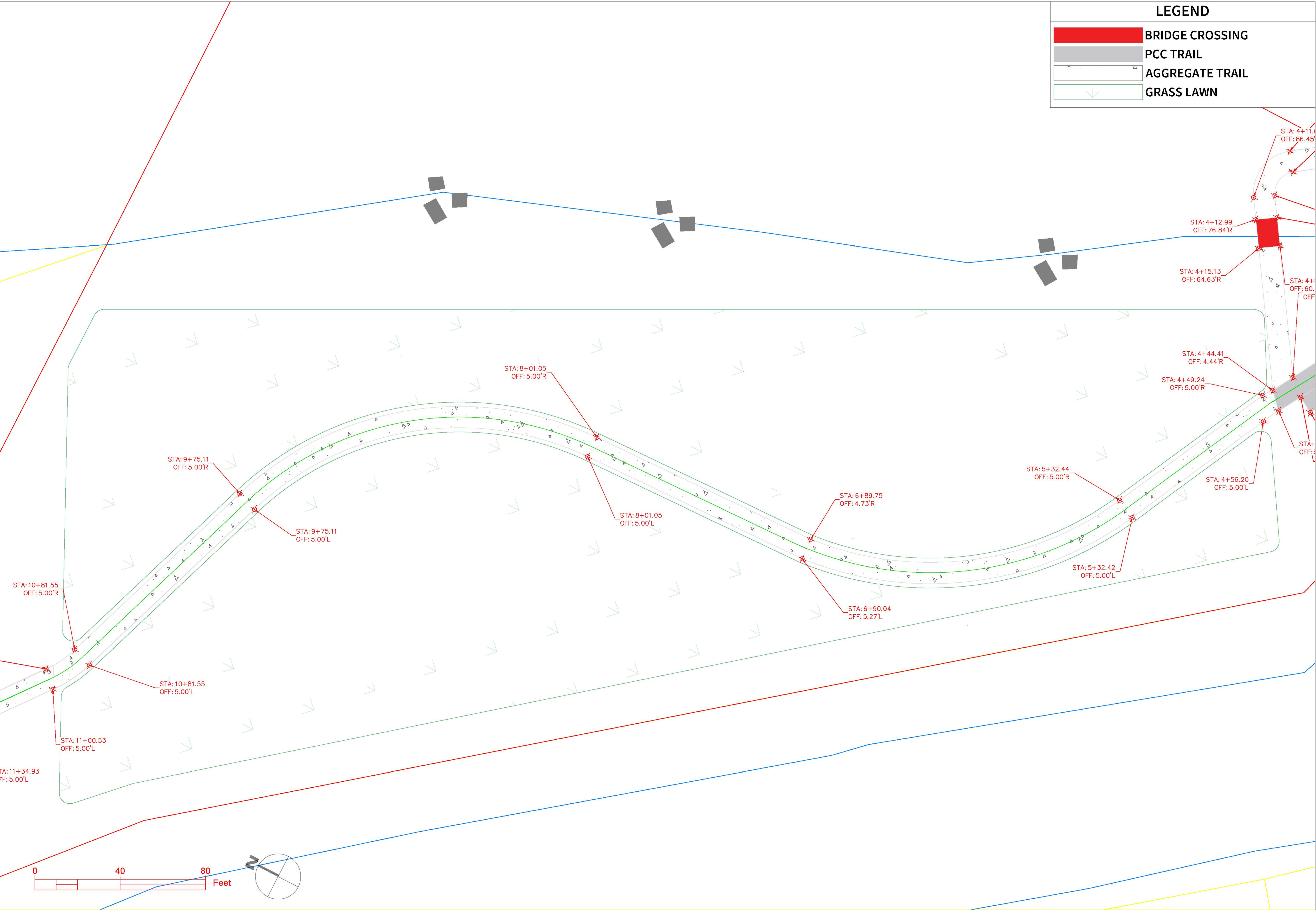
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SHEET NAME

SIDEWALK PLAN

SHEET NO.

J2



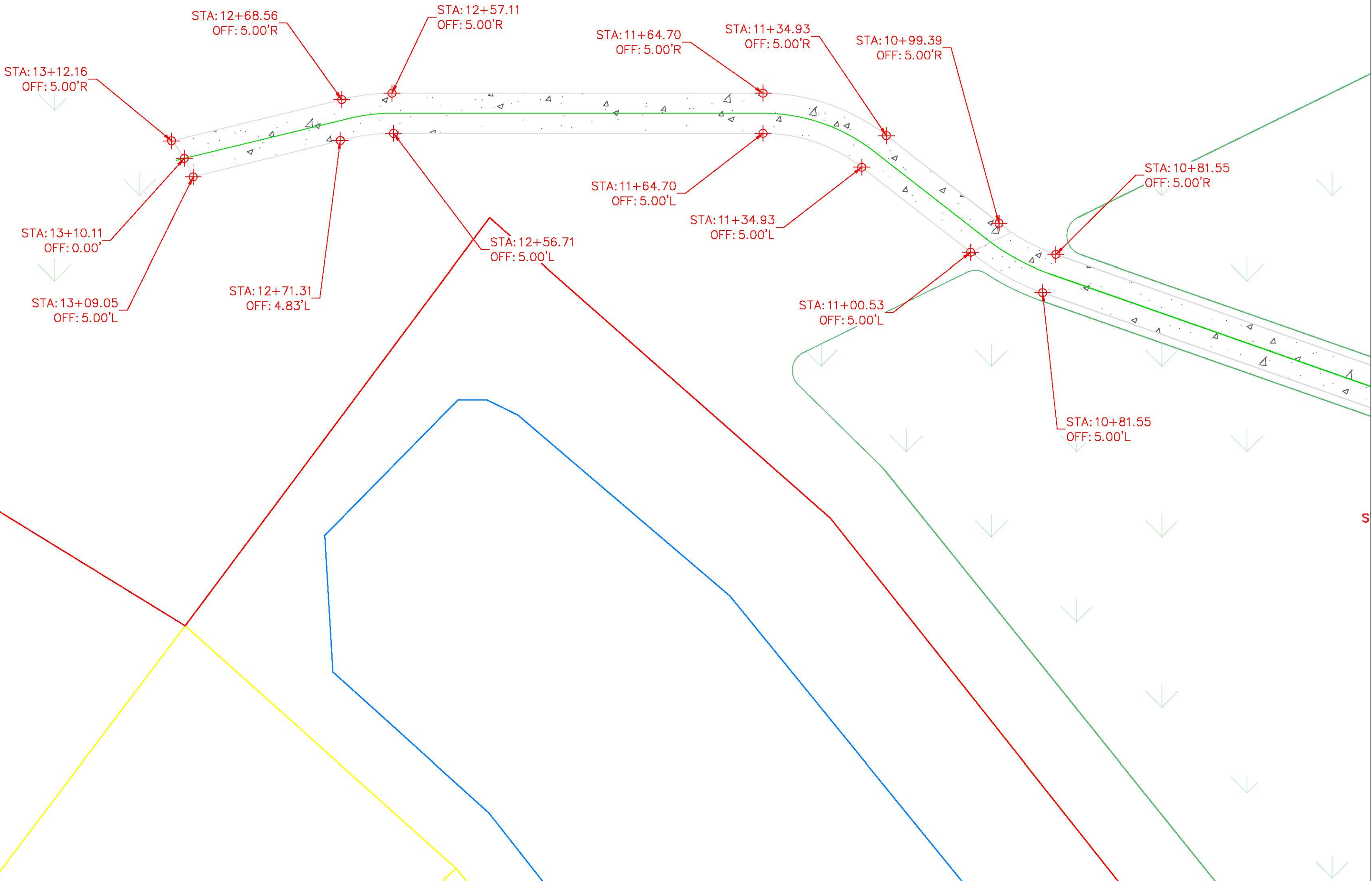
LEGEND

BRIDGE CROSSING

PCC TRAIL

AGGREGATE TRAIL

GRASS LAWN



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SHEET NAME

SIDEWALK PLAN

SHEET NO.

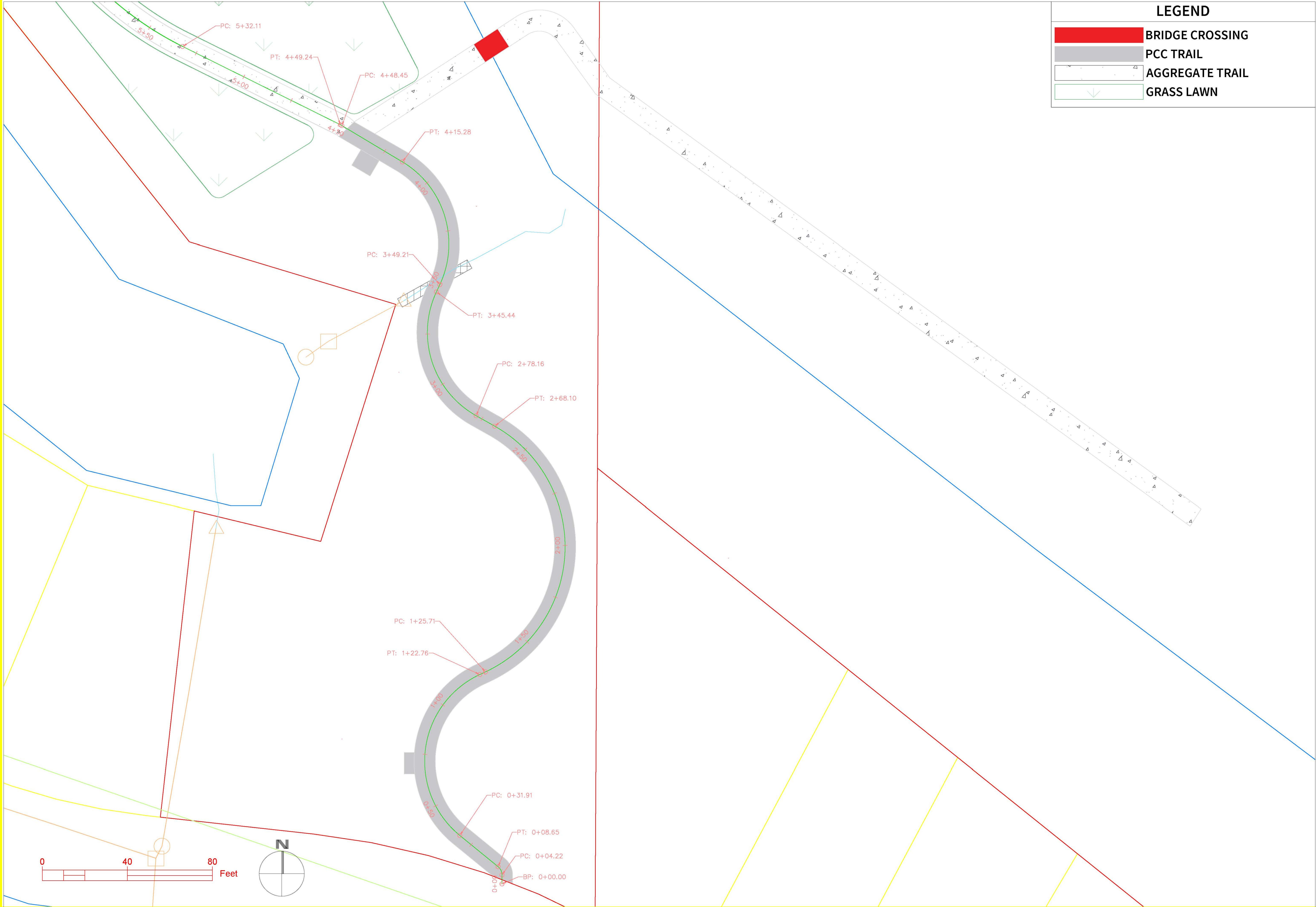
J3

PROJECT: CEE: 4850

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LEGEND

BRIDGE CROSSING

PCC TRAIL

AGGREGATE TRAIL

GRASS LAWN

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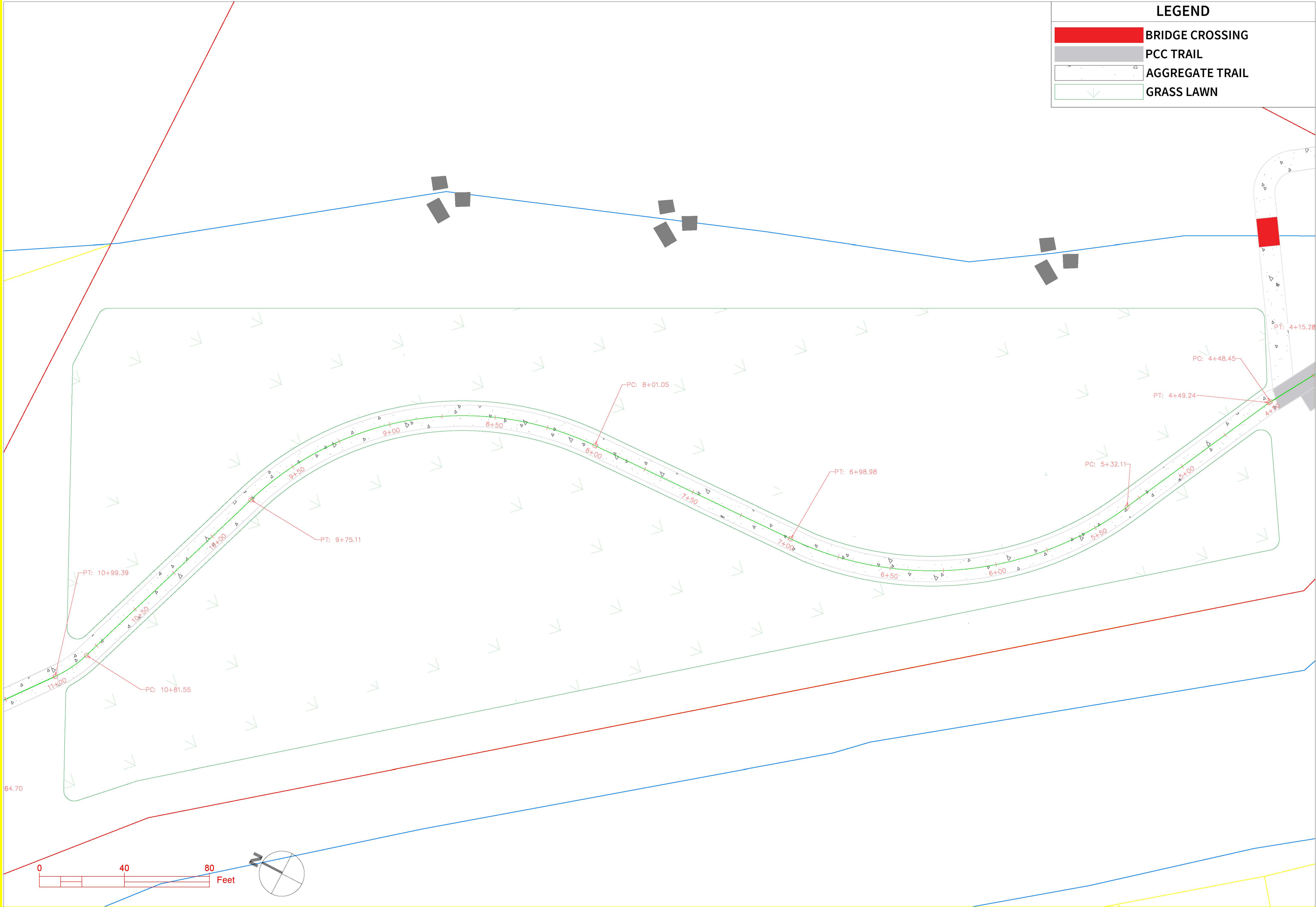
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SHEET NAME

SIDEWALK PLAN

SHEET NO.

J4



LEGEND

BRIDGE CROSSING

PCC TRAIL

AGGREGATE TRAIL

GRASS LAWN

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SHEET NAME
SIDEWALK PLAN

SHEET NO.
J5

LEGEND

BRIDGE CROSSING

PCC TRAIL

AGGREGATE TRAIL

GRASS LAWN

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SHEET NAME

SIDEWALK PLAN

SHEET NO.

J6

PROJECT: CEE: 4850

DATE : 05/08/2026

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