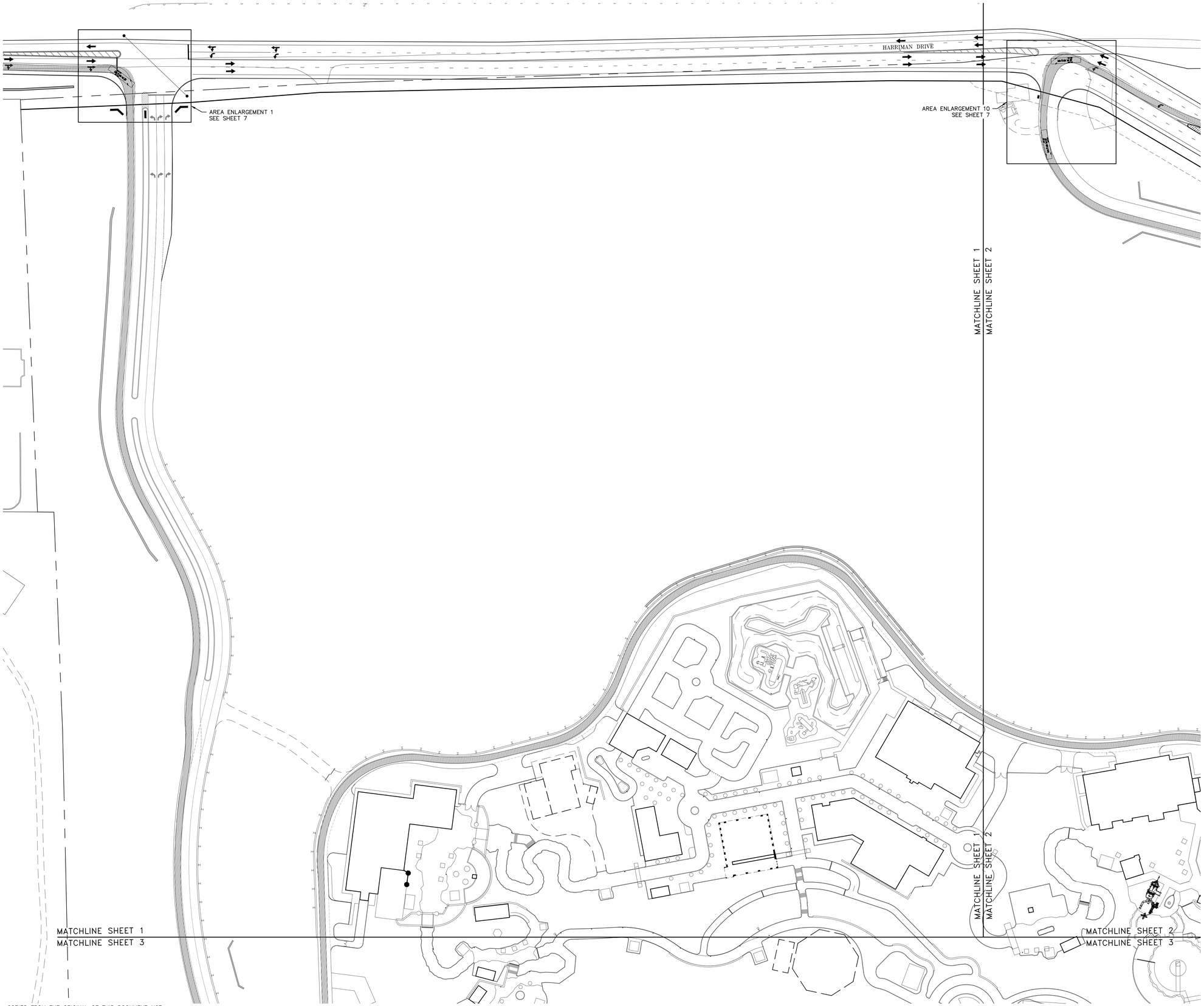

AUTOTURN ANALYSIS COMPLETED USING:

GOSHEN F.D. 95 FOOT MID MOUNT AERIAL PLATFORM
OVERALL LENGTH = 47'-6"
OVERALL WIDTH = 9'-0"
STEERING LOCK ANGLE = 36.5°
CURB TO CURB TURNING RADIUS = 41'-11"

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TRUCK TURNING ANALYSIS
SHEET 1 OF 6

LEGOLAND NEW YORK

TOWN OF GOSHEN
ORANGE COUNTY, NEW YORK

Revisions:

No.	Description	Issue Date
1	FEIS	MAY 18, 2017
2	AMENDED SITE PLAN	JULY 5, 2018

CAD File:	160042-AUTOTURN
Layout:	Aturn1
Drawn By: MK	Checked By: JOR
Scale: 1" = 60'	Project No: 16-0042
Tax Map No.:	SEE SITE PLAN SHEET 2
Date:	JULY 21, 2016
Sheet/Drawing No.:	1 OF 7

GRAPHIC SCALE

60 0 30 60 120 240

(IN FEET)
1 inch = 60 ft.

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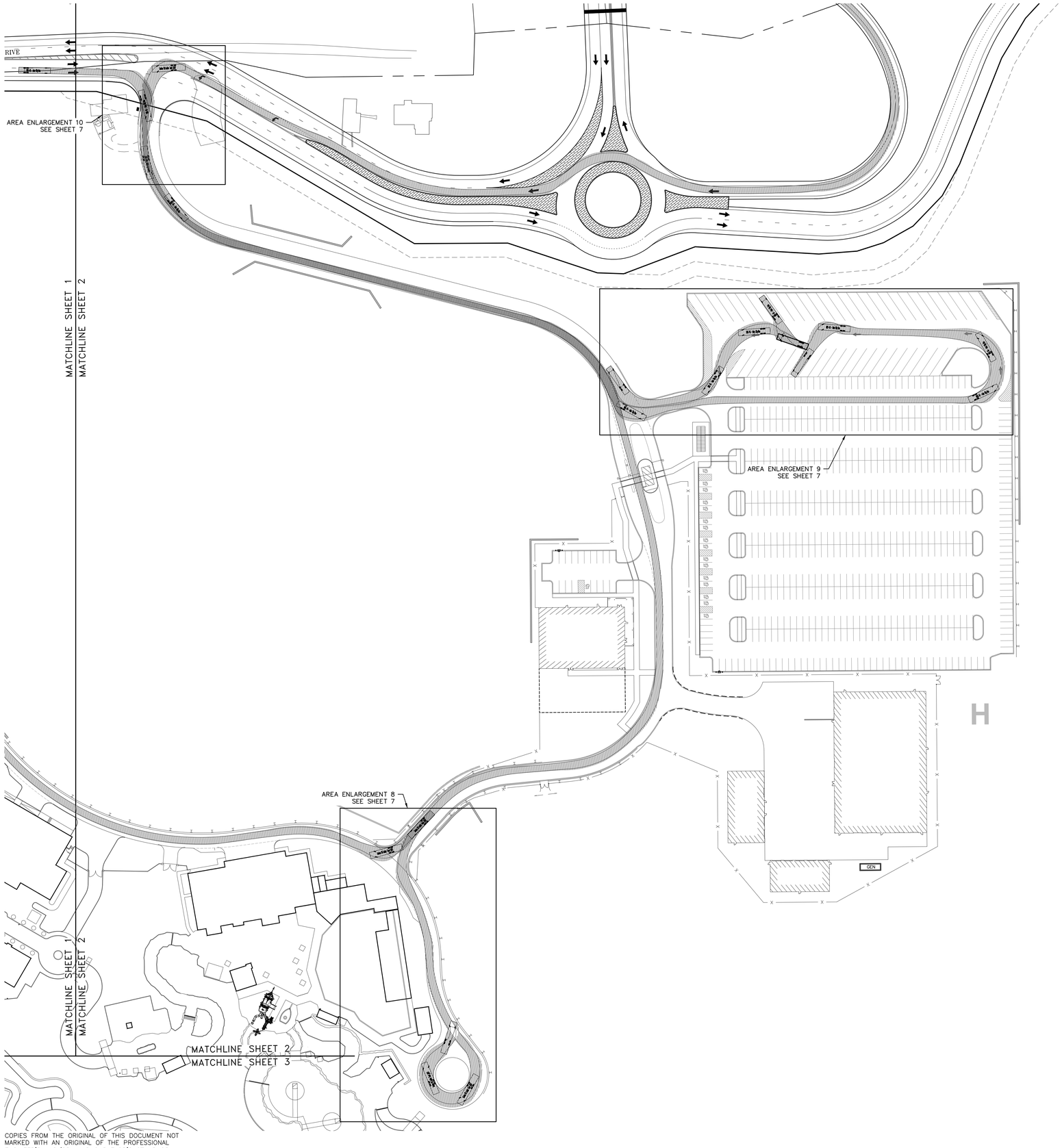

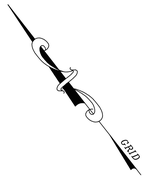

AUTOTURN ANALYSIS COMPLETED USING:

GOSHEN F.D. 95 FOOT MID MOUNT AERIAL PLATFORM
OVERALL LENGTH = 47'-6"
OVERALL WIDTH = 9'-0"
STEERING LOCK ANGLE = 36.5°
CURB TO CURB TURNING RADIUS = 41'-11"

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TRUCK TURNING ANALYSIS
SHEET 2 OF 6

LEGOLAND NEW YORK

TOWN OF GOSHEN
ORANGE COUNTY, NEW YORK

Revisions:

No.	Description	Issue Date
1	FEIS	MAY 18, 2017
2	AMENDED SITE PLAN	JULY 5, 2018

CAD File: 160042-AUTOTURN	
Layout: Aturn 2	
Drawn By: MK	Checked By: JOR
Scale: 1" = 60'	Project No.: 16-0042
Tax Map No.: SEE SITE PLAN SHEET 2	
Date: JULY 21, 2016	
Sheet/Drawing No.: 2 OF 7	

GRAPHIC SCALE

60 0 30 60 120 240

(IN FEET)
1 inch = 60 ft.

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AUTOTURN ANALYSIS COMPLETED USING:

GOSHEN F.D. 95 FOOT MID MOUNT AERIAL PLATFORM
OVERALL LENGTH = 47'-6"
OVERALL WIDTH = 9'-0"
STEERING LOCK ANGLE = 36.5°
CURB TO CURB TURNING RADIUS = 41'-11"

GRAPHIC SCALE

60 0 30 60 120 240

(IN FEET)
1 inch = 60 ft.

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TRUCK TURNING ANALYSIS
SHEET 3 OF 6

LEGOLAND NEW YORK

TOWN OF GOSHEN
ORANGE COUNTY, NEW YORK

Revisions:

No.	Description	Issue Date
1	FEIS	MAY 18, 2017
2	AMENDED SITE PLAN	JULY 5, 2018

CAD File: 160042-AUTOTURN	
Layout: Aturn 3	
Drawn By: MK	Checked By: JOR
Scale: 1" = 60'	Project No.: 16-0042
Tax Map No.: SEE SITE PLAN SHEET 2	
Date: JULY 21, 2016	
Sheet/Drawing No.: 3 OF 7	

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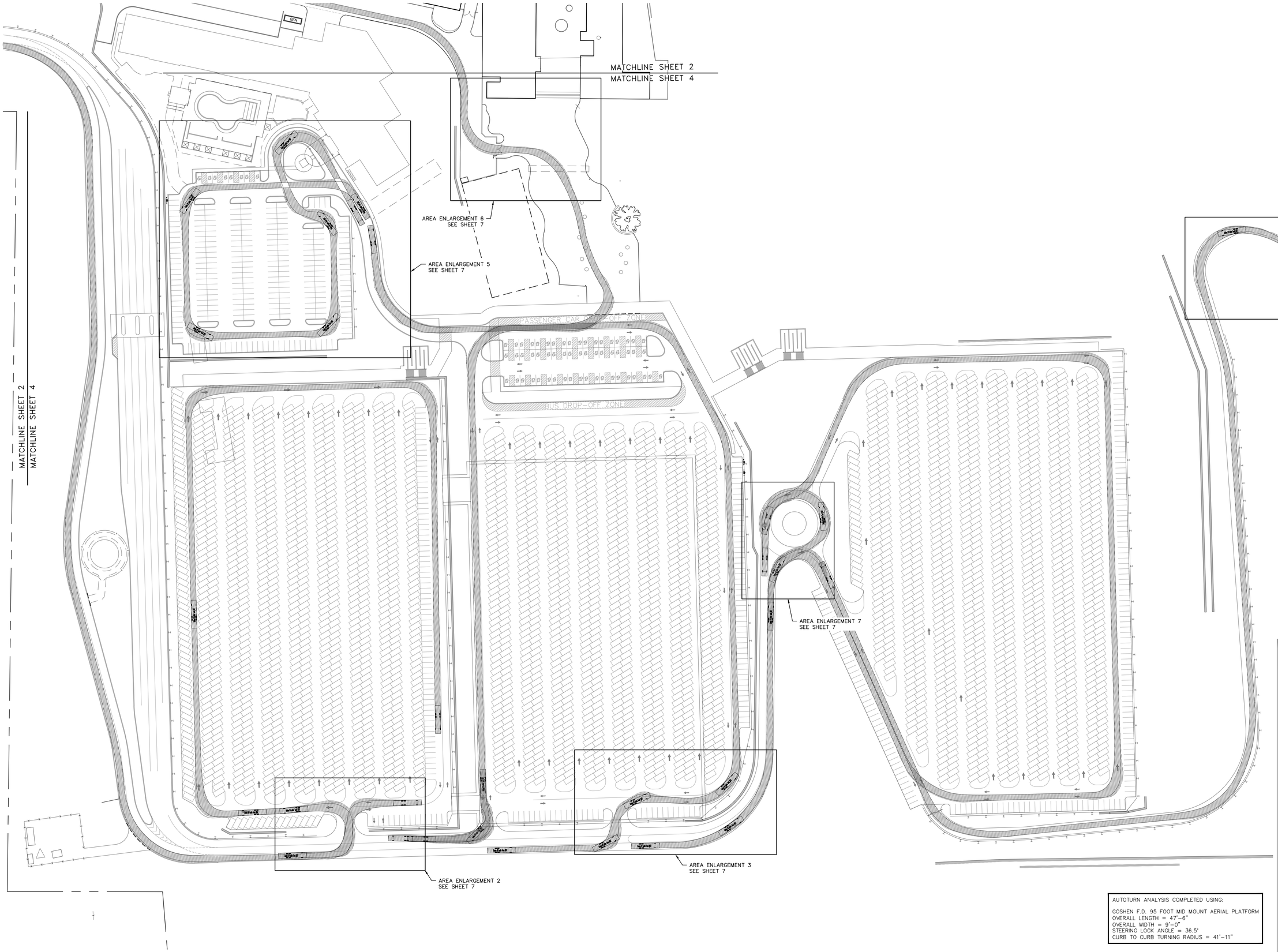

AUTOTURN ANALYSIS COMPLETED USING:

GOSHEN F.D. 95 FOOT MID MOUNT AERIAL PLATFORM
OVERALL LENGTH = 47'-6"
OVERALL WIDTH = 9'-0"
STEERING LOCK ANGLE = 36.5°
CURB TO CURB TURNING RADIUS = 41'-11"

GRAPHIC SCALE

60 0 30 60 120 240

(IN FEET)
1 inch = 60 ft.

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TRUCK TURNING ANALYSIS
SHEET 4 OF 6

LEGOLAND NEW YORK

TOWN OF GOSHEN
ORANGE COUNTY, NEW YORK

Revisions:

No.	Description	Issue Date
1	FEIS	MAY 18, 2017
2	AMENDED SITE PLAN	JULY 5, 2018

CAD File: 160042-AUTOTURN	
Layout: Aturn 4	
Drawn By: MK	Checked By: JOR
Scale: 1" = 60'	Project No.: 16-0042
Tax Map No.: SEE SITE PLAN SHEET 2	
Date: JULY 21, 2016	
Sheet/Drawing No.: 4 OF 7	

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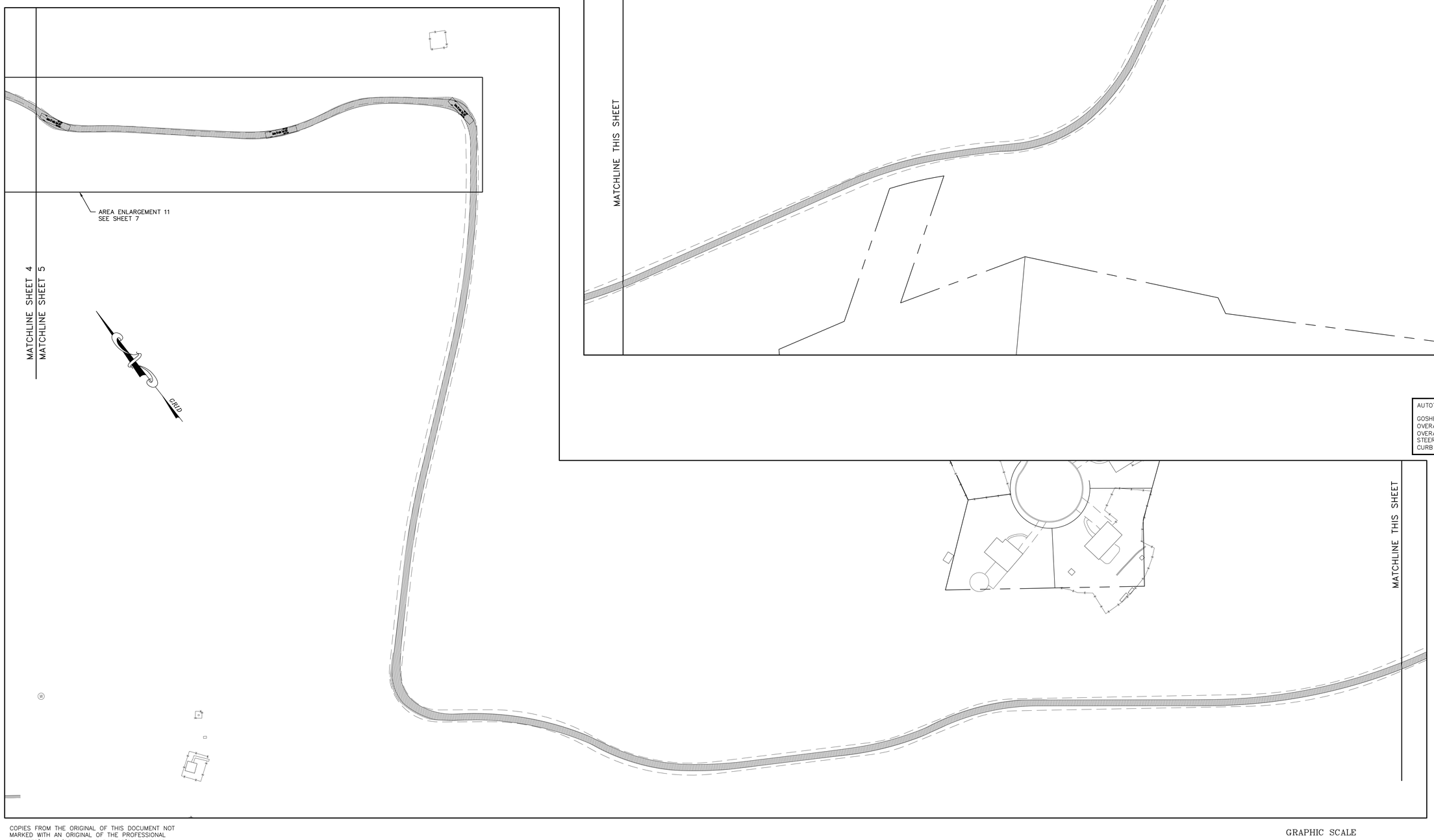

AUTOTURN ANALYSIS COMPLETED USING:

GOSHEN F.D. 95 FOOT MID MOUNT AERIAL PLATFORM
OVERALL LENGTH = 47'-6"
OVERALL WIDTH = 9'-0"
STEERING LOCK ANGLE = 36.5°
CURB TO CURB TURNING RADIUS = 41'-11"

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TRUCK TURNING ANALYSIS
SHEET 5 OF 6

LEGOLAND NEW YORK

TOWN OF GOSHEN
ORANGE COUNTY, NEW YORK

Revisions:

No.	Description	Issue Date
1	FEIS	MAY 18, 2017
2	AMENDED SITE PLAN	JULY 5, 2018

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Layout: Aturn 5	
Drawn By: MK	Checked By: JOR
Scale: 1" = 60'	Project No.: 16-0042
Tax Map No.: SEE SITE PLAN SHEET 2	
Date: JULY 21, 2016	
Sheet/Drawing No.: 5 OF 7	

GRAPHIC SCALE

60 0 30 60 120 240

(IN FEET)
1 inch = 60 ft.

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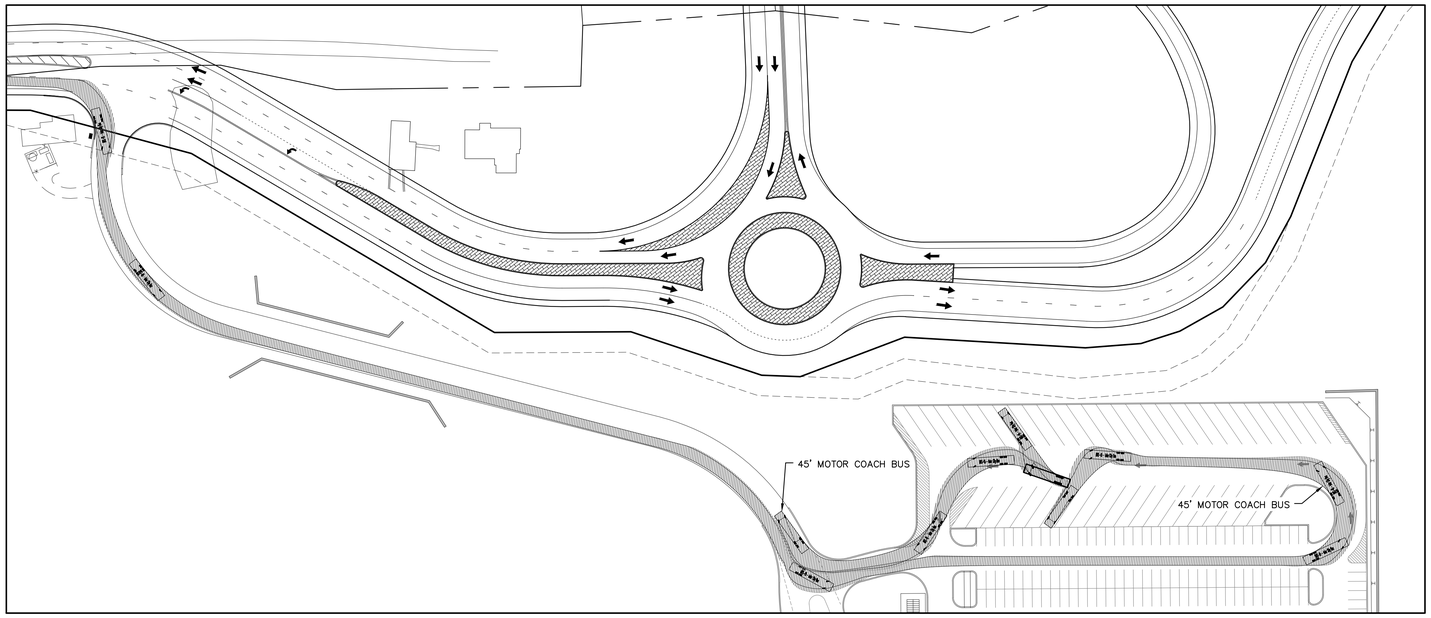
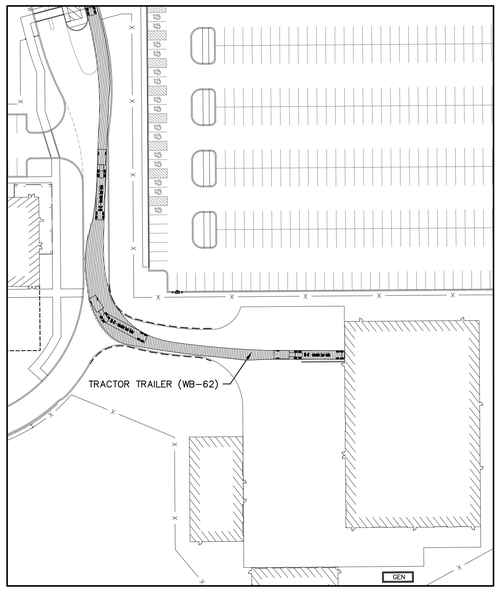
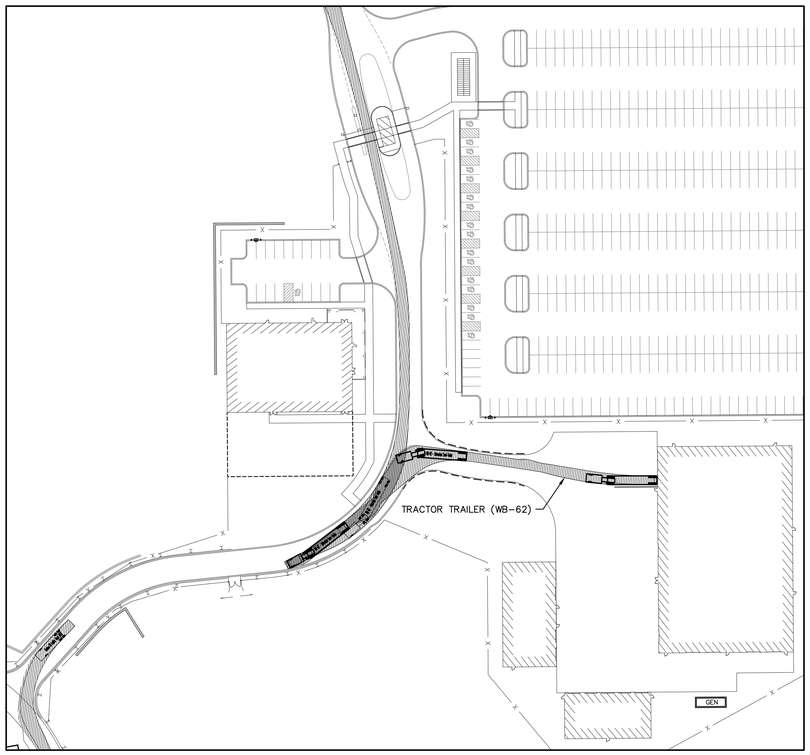


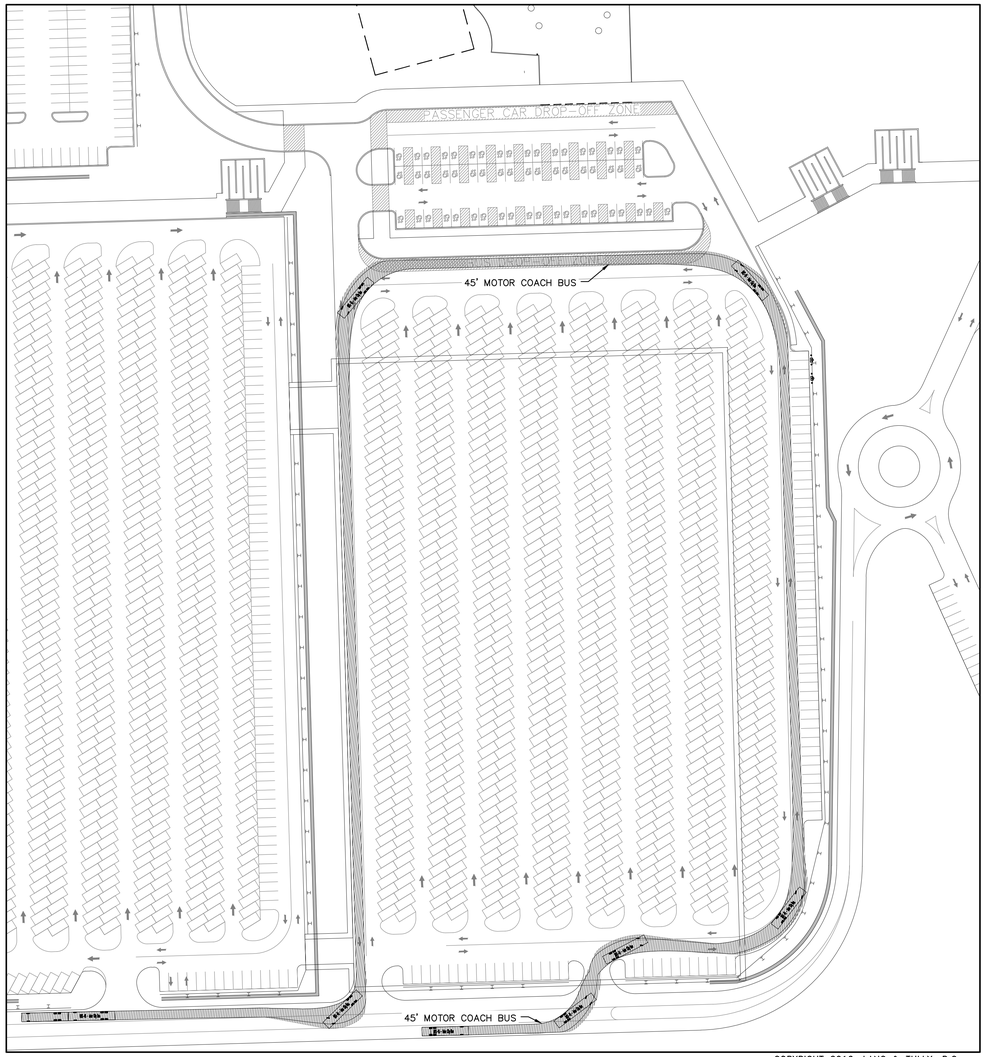
MOTOR COACH
TURNING ANALYSIS TO PARKING AREA



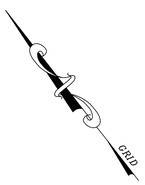
TRACTOR TRAILER TURNING ANALYSIS
TO MAINTENANCE AREA

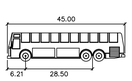


TRACTOR TRAILER TURNING ANALYSIS
TO MAINTENANCE AREA



MOTOR COACH
TURNING ANALYSIS TO GUEST DROP-OFF





45' BUS

	feet
Width	: 8.50
Track	: 8.50
Lock to Lock Time	: 6.0
Steering Angle	: 44.3

AUTOTURN ANALYSIS COMPLETED USING:

AASHTO 45' MOTOR COACH
OVERALL LENGTH = 45'-0"
OVERALL WIDTH = 8'-6"
STEERING LOCK ANGLE = 44.3°
CURB TO CURB TURNING RADIUS = 40'-10"

WB-62 TRACTOR TRAILER
OVERALL LENGTH = 73'-6"
OVERALL WIDTH = 8'-6"
STEERING ANGLE = 28.4°
ARTICULATING ANGLE = 70.0°
CURB TO CURB TURNING RADIUS = 46'-4"

GRAPHIC SCALE

60 0 30 60 120 240

(IN FEET)
1 inch = 60 ft.

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TRUCK TURNING ANALYSIS
SHEET 6 OF 6

LEGOLAND NEW YORK
TOWN OF GOSHEN
ORANGE COUNTY, NEW YORK

Revisions:

No.	Description	Issue Date
1	FEIS	MAY 18, 2017
2	AMENDED SITE PLAN	JULY 5, 2018

CAD File: 160042-AUTOTURN	
Layout: Aturn bus_truck	
Drawn By: MK	Checked By: JOR
Scale: 1" = 60'	Project No.: 16-0042
Tax Map No.: SEE SITE PLAN SHEET 2	
Date: JULY 21, 2016	
Sheet/Drawing No.: 6 OF 7	

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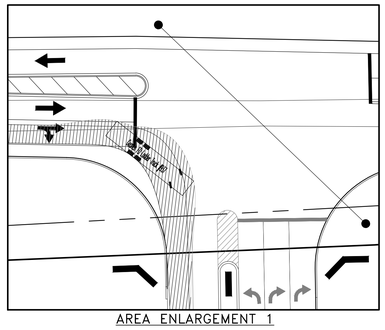
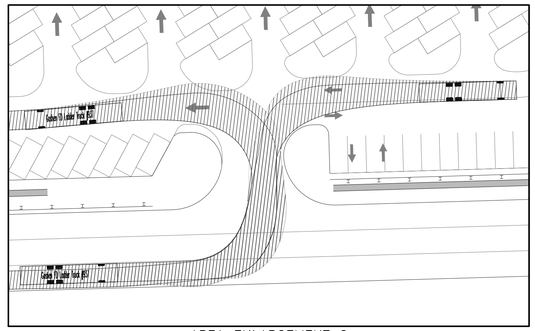
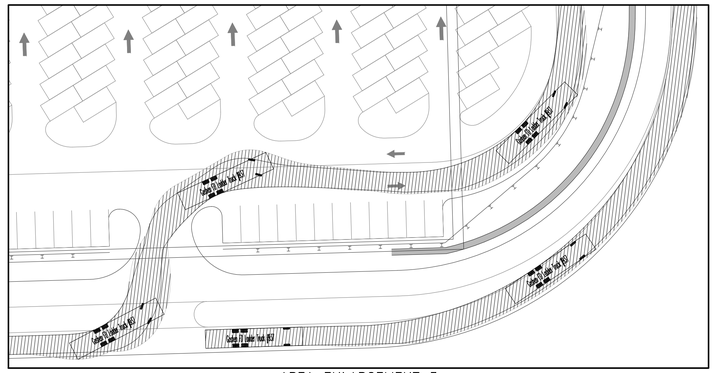


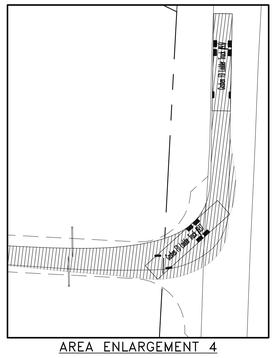
AREA ENLARGEMENT 1



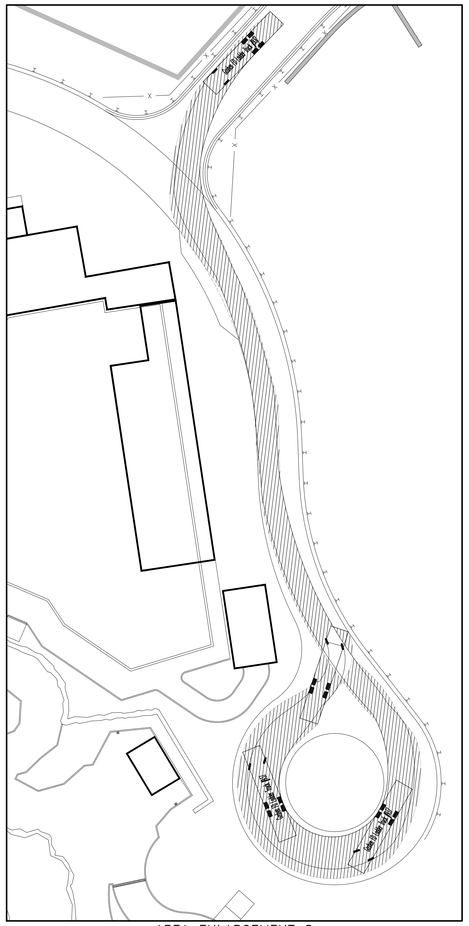
AREA ENLARGEMENT 2



AREA ENLARGEMENT 3



AREA ENLARGEMENT 4



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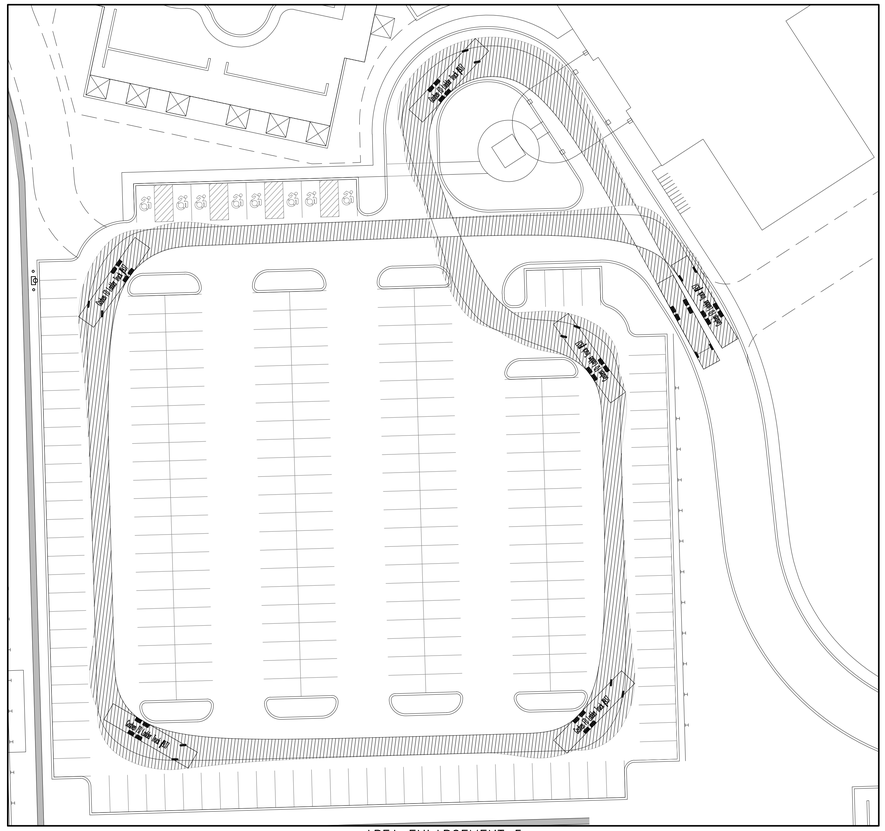

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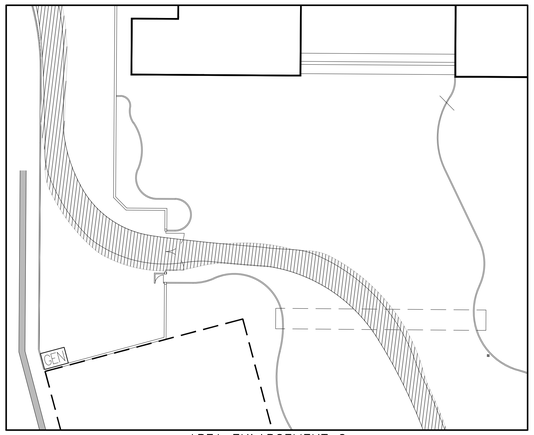

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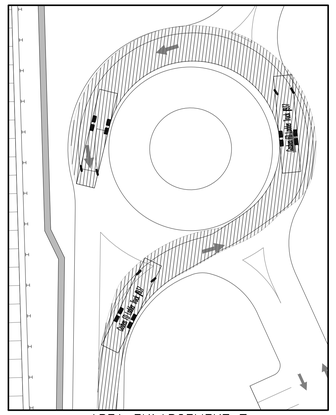
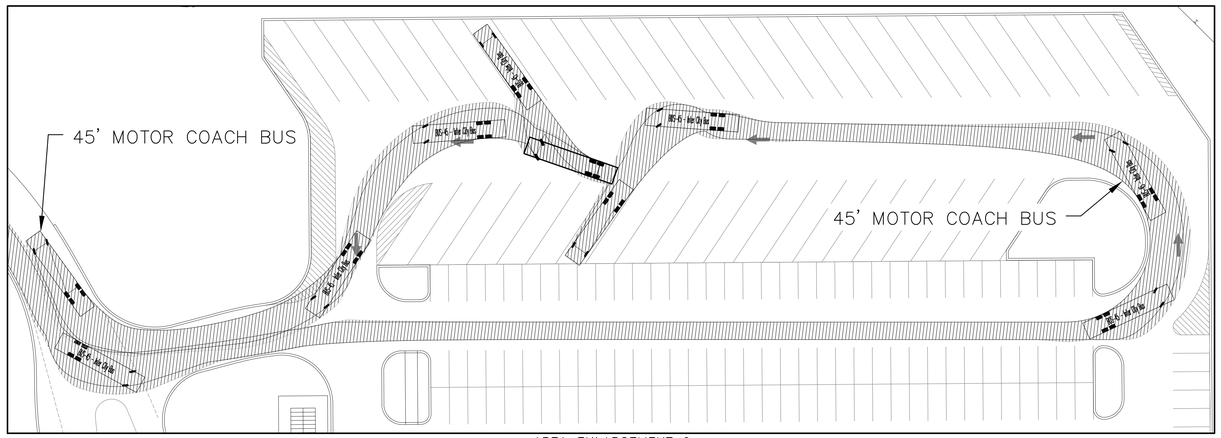


AREA ENLARGEMENT 7



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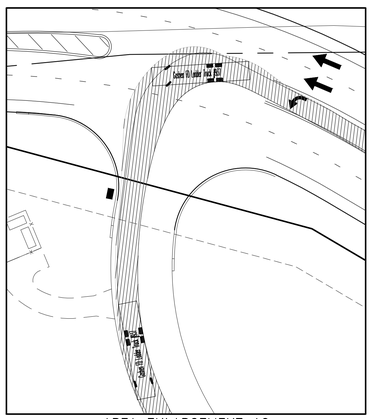
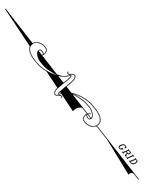
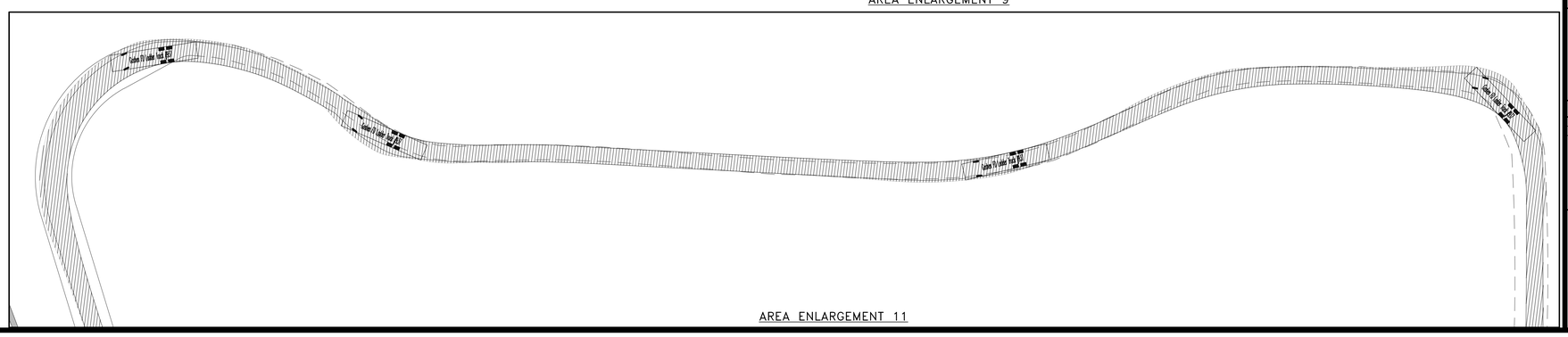


AREA ENLARGEMENT 10





AREA ENLARGEMENT 11

GRAPHIC SCALE

30 0 15 30 60 120

(IN FEET)
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TRUCK TURNING ANALYSIS
ENLARGED LOCATIONS

LEGOLAND NEW YORK

TOWN OF GOSHEN
ORANGE COUNTY, NEW YORK

Revisions:

No.	Description	Issue Date
1	FEIS	MAY 18, 2017
2	AMENDED SITE PLAN	JULY 5, 2018

CAD File: 160042-AUTOTURN	
Layout: Aturn Enlarged Areas	
Drawn By: MK	Checked By: JOR
Scale: 1" = 60'	Project No.: 16-0042
Tax Map No.: SEE SITE PLAN SHEET 2	
Date: JULY 21, 2016	
Sheet/Drawing No.: 7 OF 7	

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