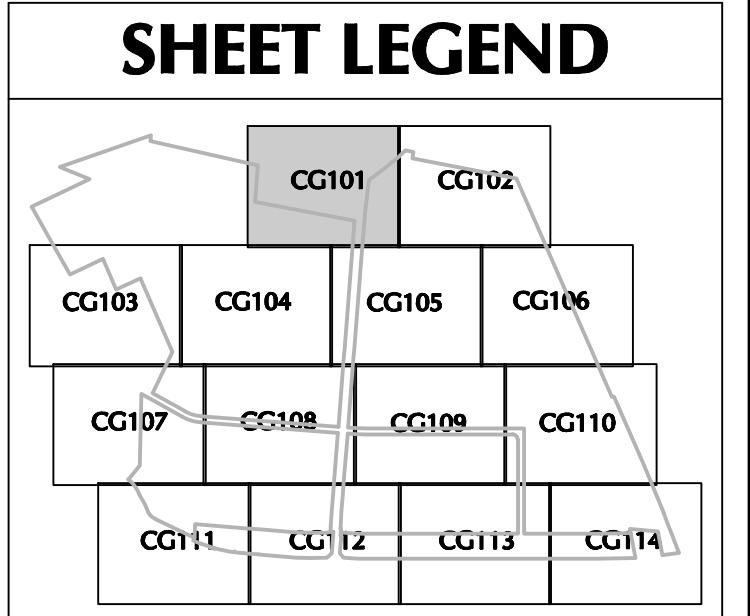


50
0
25
50
SCALE IN FEET



PROJECT NO. 130172801

LEGEND

EL: 92.50	BUILDING FIRST FLOOR ELEVATION
BS 2.50	CONTOUR
(B301, B302, B303, B304, B305, B306)	SPOT GRADE ELEVATION TOP AND BOTTOM OF CURB ELEVATIONS
○	MANHOLE
■	CATCH BASIN
□	OUTLET CONTROL STRUCTURE
△	HEADWALL
▨	POROUS PAVEMENT
▨	WETLAND
—	WETLAND BUFFER
—	RIPARIAN BUFFER
—	STREAM BANK
▨	FHA

SEE NOTES SHEET CS-002

2/15/2022	Revised per Township Comments	2
12/3/2021	Completeness Revisions 1	1
Date	Description	No.

REVISIONS

SIGNATURE CHRISTIAN ROCHE 11/12/2021
PROFESSIONAL ENGINEER NJ Lic. No.
24G04989100

LANGAN
Langan Engineering and Environmental Services, Inc.
989 Lenox Drive, Suite 124
Lawrenceville, NJ 08648

T: 609-282-8000 F: 609-282-0001 www.langan.com
NJ CERTIFICATE OF AUTHORIZATION No: 24GA21998405

Project

LOGISTICS CENTER

WEST WINDSOR TOWNSHIP
MERCER COUNTY
Drawing Title

GRADING & DRAINAGE PLAN I

Project No.	Drawing No.
130172801	
Date	
9/17/2021	
Drawn By	
WRB	
Checked By	
CMR	

MATCHLINE: CG101
MATCHLINE: CG105

CLARKSVILLE ROAD

INfiltration Basin (B-3A)
Basin Bottom=EL 75.00

550 LF EMERGENCY SPILLWAY AT ELEV: 84.50

51 LF 15" HDPE @ 0.30%

CB-303D GR: 72.84 INV. OUT: 69.94

MH-102 RIM: 75.73 INV. IN (42° W): 69.79 INV. IN (24° N): 69.79 INV. OUT: 69.79

222 LF 42" HDPE @ 0.25%


120 LF 30" HDPE @ 1.00%

CCS-201 GR: 80.15 INV. OUT: 71.23 2'X3' WEIR (80.00) 3" ORIFICE (77.50)

MATCHLINE: CG101
MATCHLINE: CG104




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CURB

PROJECT NO. 130172801



1

002

Date	Description	No.
15/2022	Revised per Township Comments	2
2/3/2021	Completeness Revisions 1	1
Date	Description	No.

Chris Parker

SIGNATURE CHRISTIAN ROCHE 11/12/2021
PROFESSIONAL ENGINEER NJ Lic. No.
24GF04988100

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Environmental Services, Inc.
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NJCERTIFICATE OF AUTHORIZATION No. 24CA27096400


LOGISTICS CENTER

GRADING &

ON THE USE OF DRAINAGE PLANS

GRADING & DRAINAGE PLAN ✓

ject No.	Drawing No.
130172801	
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9/17/2021	
wn By	CG105
WRB	
cked By	




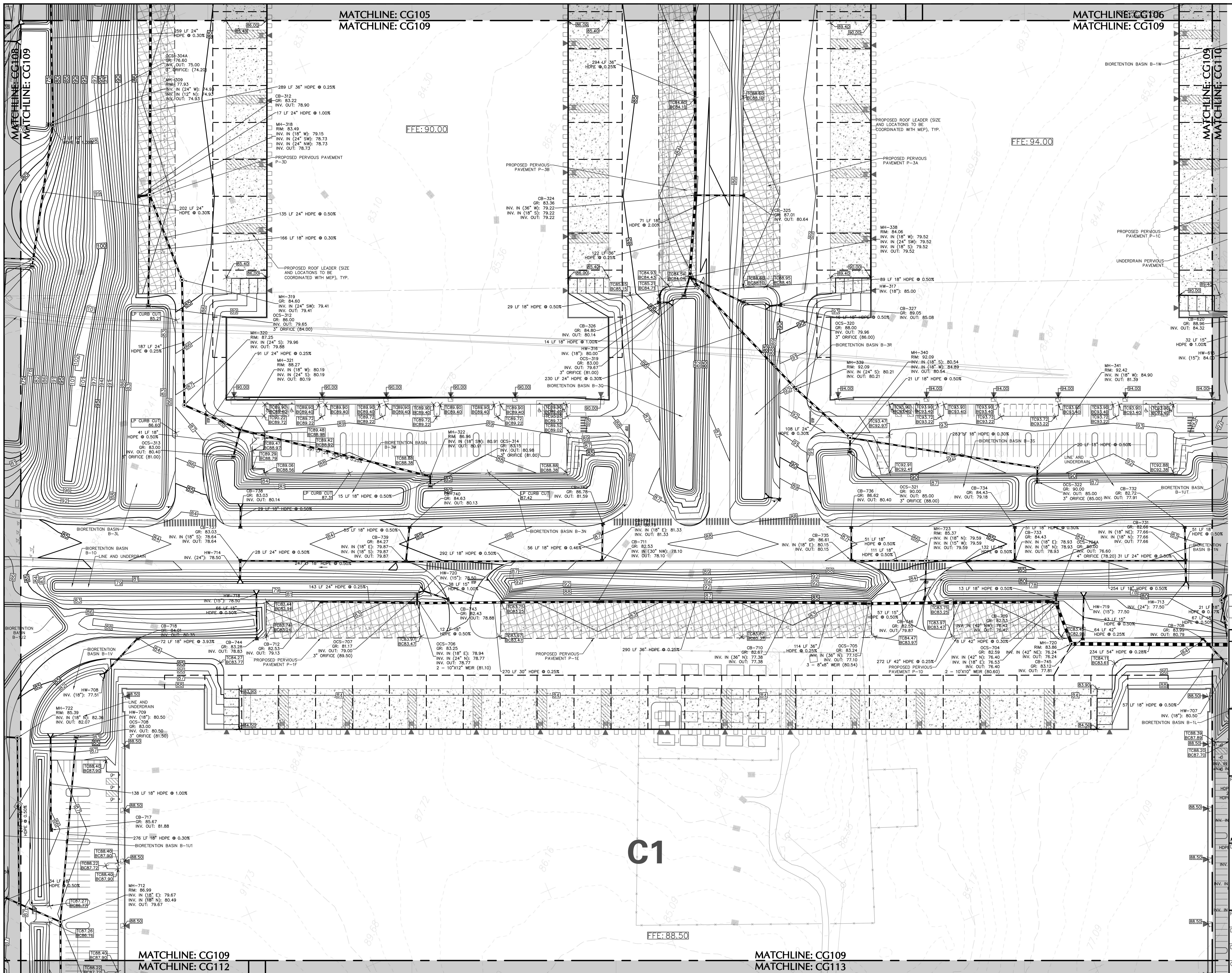
PROJECT NO. 130172801

LANGA

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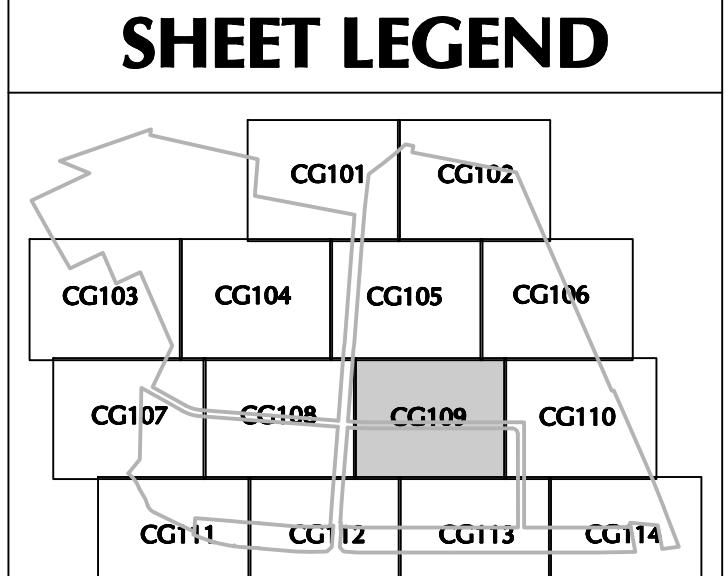




LANGAN

PROJECT NO. 1301/2801

SHEET LEGEND



LEGEND

- | | |
|--------------------|-----------------------------------|
| FFE: 92.50 | BUILDING FIRST FLOOR ELEVATION |
| 85 | CONTOUR |
| 92.50 | SPOT GRADE ELEVATION |
| TC91.16
BC90.66 | TOP AND BOTTOM OF CURB ELEVATIONS |
| ● | MANHOLE |
| ■ | CATCH BASIN |
| □ | OUTLET CONTROL STRUCTURE |
| △ | HEADWALL |
| □ | POROUS PAVEMENT |
| | WETLAND |
| — — — | WETLAND BUFFER |

SEE NOTES SHEET CS 002

Date	Description	No.
2/15/2022	Revised per Township Comments	2
12/3/2021	Completeness Revisions 1	1

Chris Park

SIGNATURE CHRISTIAN ROCHE 11/12/2021
PROFESSIONAL ENGINEER NJ Lic. No.
24GE04988100

LANGAN

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Environmental Services, Inc.
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NL CERTIFICATE OF AUTHORIZATION No. 24CA27996400

NJ CERTIFICATE OF AUTHORIZATION NO. 24GAZ990400

CONSULTING CENTER

LOGISTICS CENTER

WEST WINDSOR TOWNSHIP

R COUNTY **NEW JERSEY**

GRADING 3

GRADING &

RAINAGE PLAN IX

Part No. | Drawing No.

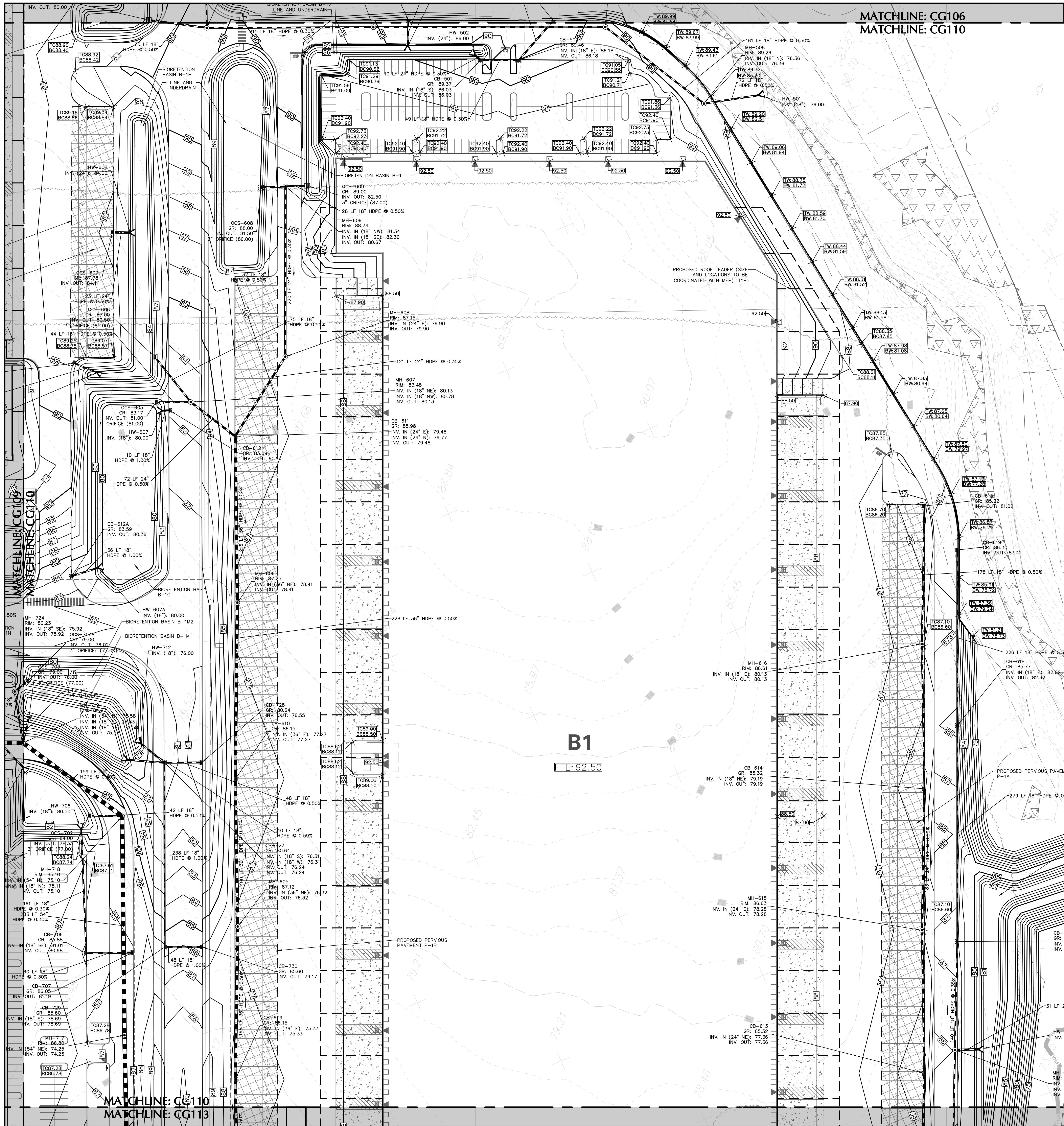
130172801

9/17/2021

By
WRB

ed By
SMT

.stb Layout: CG109 Document Code: 130172801-0501-CG101-01



MATCHLINE: CG106
MATCHLINE: CG110

The diagram illustrates a surveying setup. A horizontal line at the bottom represents a baseline. Above it, a vertical line labeled "PLUMB LINE" extends upwards from a point on the baseline. Two black L-shaped brackets are positioned on the baseline, one near the center and another further to the right. The numbers 50, 0, 25, and 50 are placed above the baseline, corresponding to the positions of the brackets. Below the baseline, the text "SCALE IN FEET" is centered.

SHEET LEGEND

The diagram illustrates a 4x4 grid of cells, each labeled with a code such as CG101 through CG114. A thick grey border highlights the bottom-right quadrant of the grid, specifically the cells CG110, CG111, CG112, CG113, and CG114. A wavy line traces a path from CG101 to CG102, then zig-zags through CG103, CG104, CG105, CG106, CG107, CG108, CG109, and finally ends at CG114.

LEGEND

FFE: 92.50	BUILDING FIRST FLOOR ELEVATION
 85	CONTOUR
 92.50	SPOT GRADE ELEVATION
 TC91.16 BC90.66	TOP AND BOTTOM OF CURB ELEVATIONS
	MANHOLE
	CATCH BASIN
	OUTLET CONTROL STRUCTURE
	HEADWALL
	POROUS PAVEMENT
	WETLAND
	WETLAND BUFFER
	RIPARIAN BUFFER
	STREAM BANK
 FHA	FHA

SEE NOTES SHEET CS-002

Date	Description	Notes
2/15/2022	Revised per Township Comments	
12/3/2021	Completeness Revisions 1	

Chris Potts

SIGNATURE CHRISTIAN ROCHE 11/12/2021
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24CE04988100

LANGAN

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Environmental Services, Inc.

989 Lenox Drive, Suite 124
Lawrenceville, NJ 08648

LOGISTICS CENTER

BERGEN COUNTY **NEW JERSEY**


GRADING &

DRAINAGE PLAN X

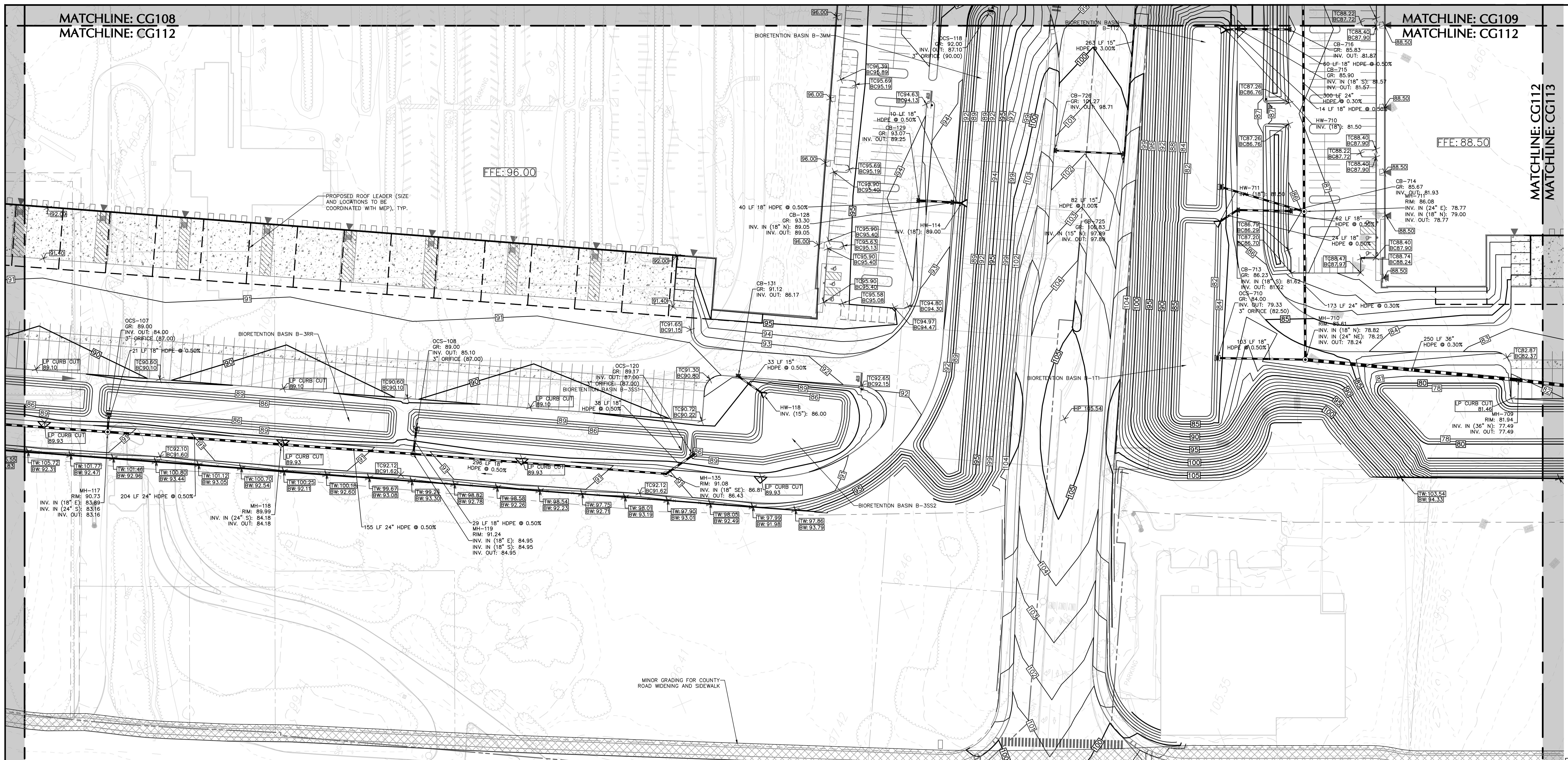
ject No. | Drawing No.

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9/17/2021 CC110

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URB



2/15/2022	Revised per Township Comments	2
12/3/2021	Completeness Revisions 1	1
Date	Description	No.

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PROFESSIONAL ENGINEER NJ Lic. No.
24CE04988100

LANGAN

LANGAN

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Environmental Services, Inc.
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Atlanta, GA 30328

Lawrenceville, NJ 08648

I: 609.282.8000 F: 609.282.8001 www.langan.com
NJ CERTIFICATE OF AUTHORIZATION No. 24GA27996400

object

LOGISTICS CENTER

LOGISTICS CENTER

WEST WINDSOR TOWNSHIP

BERKERSHIRE COUNTY **NEW JERSEY**

Drawing Title

GRADING &

GRADING & DRAINAGE PLAN XII

DRAINAGE PLAN XII

For more information about the study, please contact Dr. Michael J. Hwang at (319) 356-4530 or via email at mhwang@uiowa.edu.

Project No.	Drawing No.
120172801	

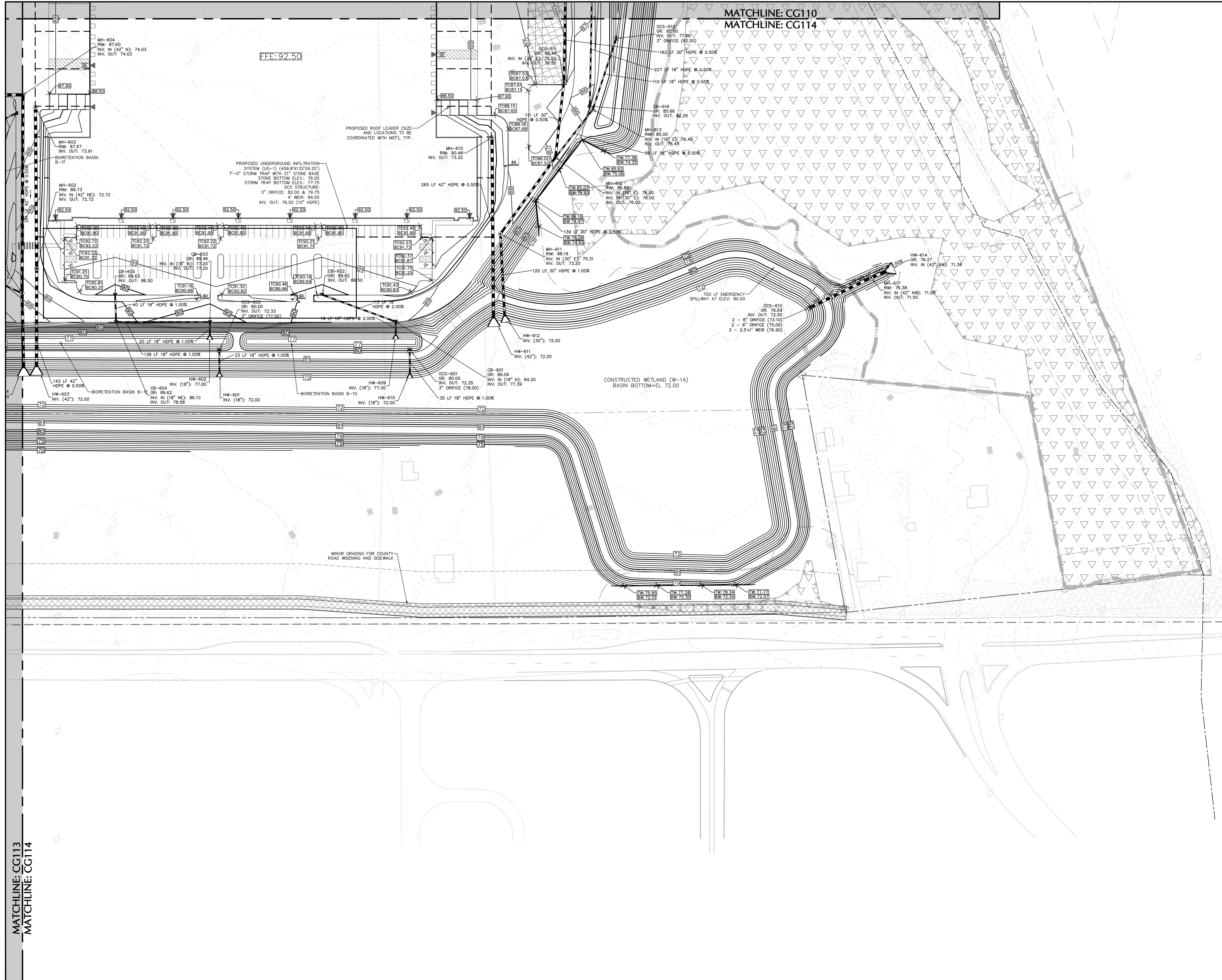
CC116

9/17/2021

WRB

Digitized by CMR

Langan.stb Layout: CG112 Document Code: 130172801-0501-CG101-0113



1

SHEET LEGEND

The diagram illustrates a sheet legend with a grid of 14 cells, each labeled with a code starting from CG101. The cells are arranged in four rows: Row 1 has cells CG101 and CG102; Row 2 has cells CG103, CG104, CG105, and CG106; Row 3 has cells CG107, CG108, CG109, and CG110; Row 4 has cells CG111, CG112, CG113, and CG114. A wavy line starts at CG103 and ends at CG114.

LEGEND

LEGEND	
FFE: 92.50	BUILDING FIRST FLOOR ELEVATION
 85	CONTOUR
 92.50	SPOT GRADE ELEVATION
 TC91.16 BC90.66	TOP AND BOTTOM OF CURB ELEVATIONS
	MANHOLE
	CATCH BASIN
	OUTLET CONTROL STRUCTURE
	HEADWALL
	POROUS PAVEMENT
	WETLAND
	WETLAND BUFFER
	RIPARIAN BUFFER
	STREAM BANK

SEE NOTES SHEET CS-002

Date	Description	Notes
1/15/2022	Revised per Township Comments	2
2/3/2021	Completeness Revisions 1	1

John R. D.

NATURE CHRISTIAN ROCHE 11/12/2021
PROFESSIONAL ENGINEER NJ Lic. No.

The logo consists of the word "LANGAN" in large, bold, black, sans-serif capital letters. Below it, the company name "Langan Engineering and Environmental Services, Inc." is written in a smaller, black, sans-serif font. The address "989 Lenox Drive, Suite 124" and "Lawrenceville, NJ 08648" is centered below the company name.

009.282.8000 F: 009.282.8001 www.langan.com
NJ CERTIFICATE OF AUTHORIZATION No. 24GA27996400

LOGISTICS CENTER

WEST WINDSOR TOWNSHIP

MONMOUTH COUNTY, NEW JERSEY

GRADING &

GRADING & DRAINAGE PLAN

XIV

ject No.	Drawing No.
130172801	
te	
9/17/2021	
wn By	CG114
WRB	
cked By	