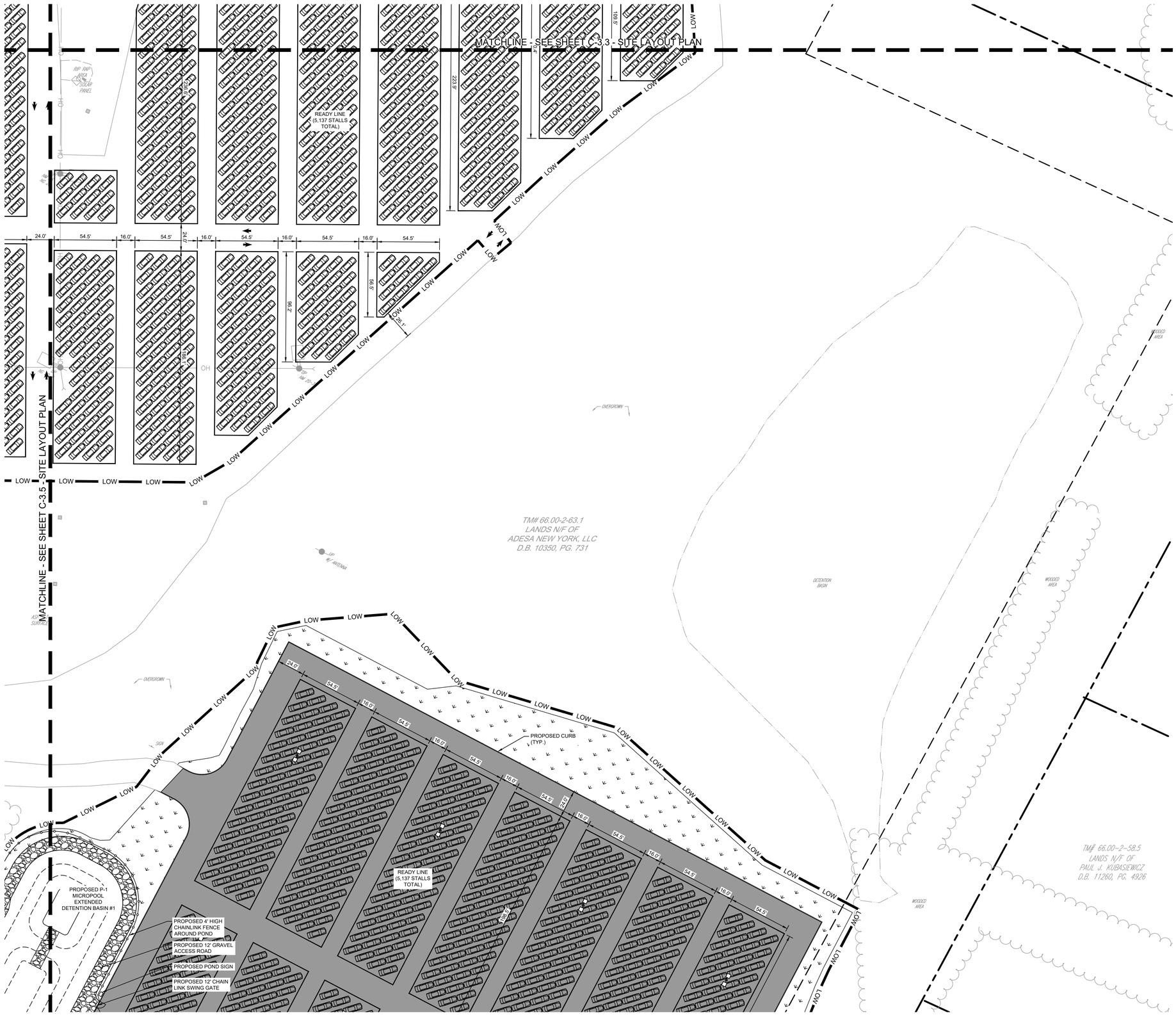
k:\whp_civil\112130011_carvana buffalo_newstead, ny\7. civil\2. cad\plansheets\C-3.0 SITE LAYOUT PLAN.dwg





SCALE: 1" = 1,200'

SITE PLAN LEGEND

- PROPERTY LINE
- SETBACK LINE
- LOW — LIMIT OF WORK
- PROPOSED SECURITY FENCE
- PROPOSED 4' CHAINLINK FENCE
- PROPOSED PAVEMENT STRIPING
- PROPOSED CONCRETE
- PROPOSED STANDARD PAVEMENT
- PROPOSED HEAVY DUTY PAVEMENT
- PROPOSED GRASS
- PROPOSED GRAVEL
- PROPOSED LIGHT FIXTURES

SITE NOTES

1. ALL DIMENSIONS REFER TO THE FACE OF CURB UNLESS OTHERWISE NOTED.
2. BUILDING DIMENSIONS ARE TO THE OUTSIDE FACE OF BUILDING UNLESS OTHERWISE NOTED.
3. REFER TO ARCHITECTURAL PLANS TO VERIFY ALL BUILDING DIMENSIONS AND MATERIALS.
4. RADII ADJACENT TO PARKING STALL AND NOT DIMESNIOEND ON THIS PLAN SHALL BE 5-FEET, TYPICAL.
5. ALL ON-SITE STRIPING SHALL BE PAINTED UNLESS OTHERWISE NOTED.
6. REFER TO LANDSCAPE PLANS FOR PLANTING DETAILS

NORTH

GRAPHIC SCALE IN FEET
0 20 40 80

NO.	REVISIONS	DATE	BY

FOR PERMIT REVIEW

Kimley»Horn New York

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1 NORTH LEXINGTON AVENUE, SUITE 505
WHITE PLAINS, NY 10601
PHONE: 914-368-9200
WWW.KIMLEY-HORN.COM

CARVANA

STATE OF NEW YORK
TRENTON ALLAN SUDDETH
111067
LICENSED PROFESSIONAL ENGINEER
10/12/2026

KHA PROJECT	112130011
DATE	10/12/2026
SCALE:	AS SHOWN
DESIGNED BY:	KH
DRAWN BY:	KH
CHECKED BY:	KH

SITE LAYOUT PLAN

CARVANA - BUFFALO
12200 MAIN STREET
AKRON, NEW YORK 14001
TOWN OF NEWSTEAD NEW YORK

SHEET NUMBER
C-3.6

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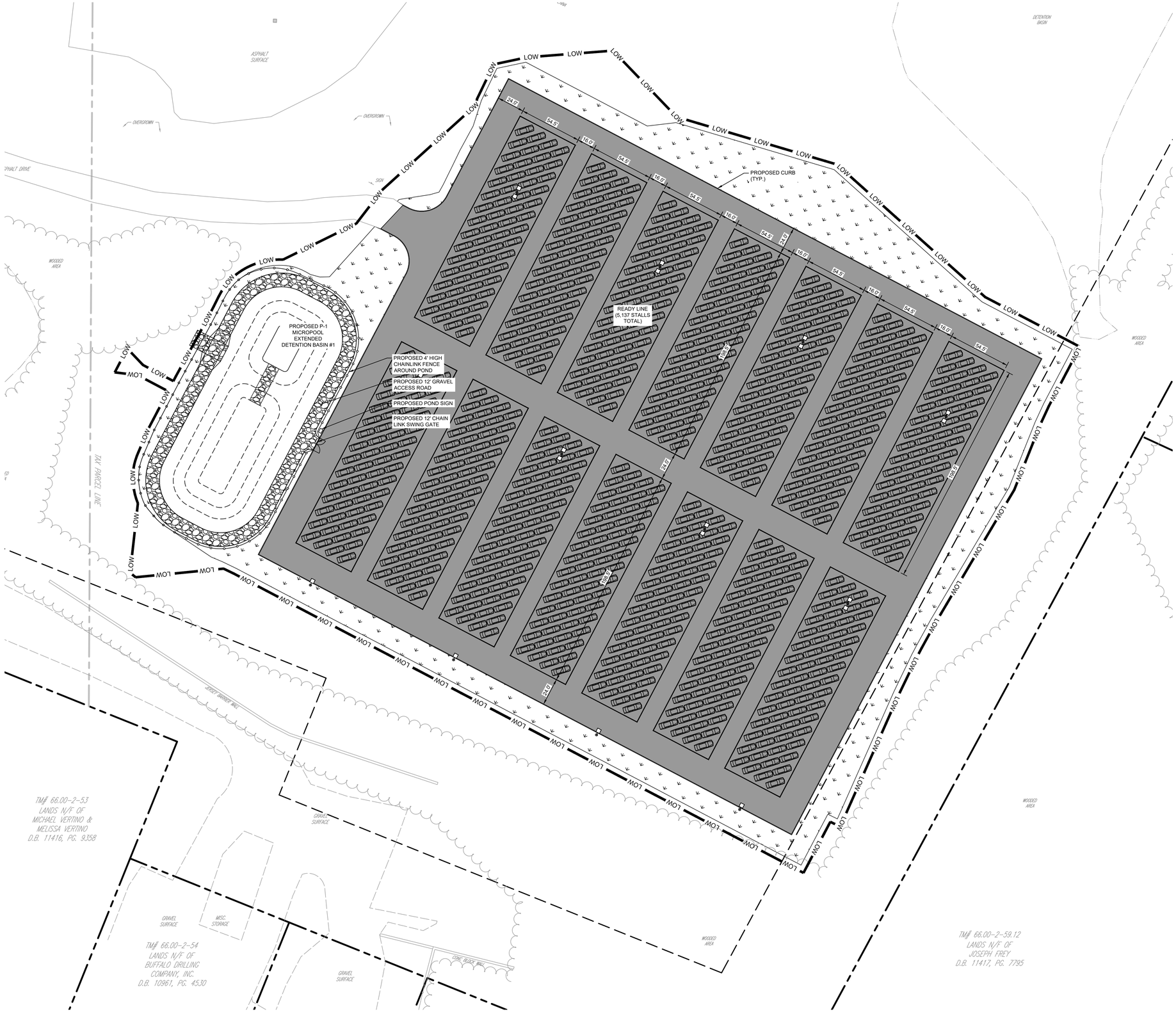



SCALE: 1" = 1,200'

SITE PLAN LEGEND

- PROPERTY LINE
- SETBACK LINE
- LOW — LIMIT OF WORK
- PROPOSED SECURITY FENCE
- PROPOSED 4' CHAINLINK FENCE
- PROPOSED PAVEMENT STRIPING
- PROPOSED CONCRETE
- PROPOSED STANDARD PAVEMENT
- PROPOSED HEAVY DUTY PAVEMENT
- PROPOSED GRASS
- PROPOSED GRAVEL
- PROPOSED LIGHT FIXTURES

SITE NOTES

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5. ALL ON-SITE STRIPING SHALL BE PAINTED UNLESS OTHERWISE NOTED.
6. REFER TO LANDSCAPE PLANS FOR PLANTING DETAILS

NORTH

GRAPHIC SCALE IN FEET
0 20 40 80

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New York
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CARVANA

LICENSED PROFESSIONAL ENGINEER
STATE OF NEW YORK
TRENTON ALLAN SUDDETH
111067
10/12/2026

KHA PROJECT	112130011
DATE	10/12/2026
SCALE:	AS SHOWN
DESIGNED BY:	KH
DRAWN BY:	KH
CHECKED BY:	KH

SITE LAYOUT PLAN

CARVANA - BUFFALO
12200 MAIN STREET
AKRON, NEW YORK 14001
TOWN OF NEWSTEAD NEW YORK

SHEET NUMBER
C-3.7

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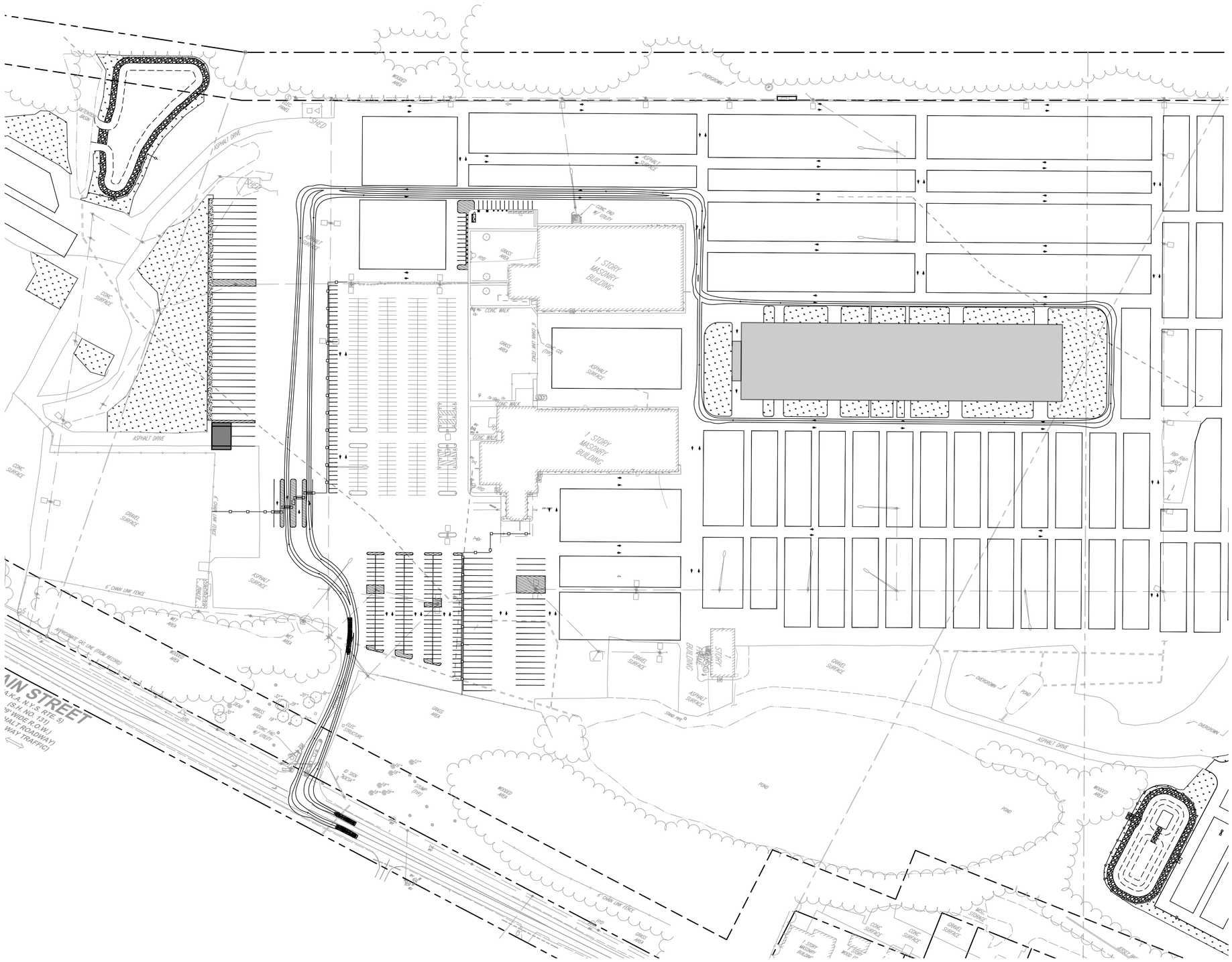
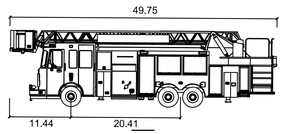
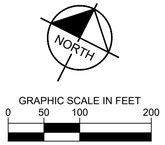
k:\whp_civil\112130011_carvana buffalo_newstead, ny\7. civil\2. cad\plansheets\C-3.9 VEHICLE MANEUVERING PLAN.dwg





E-One Cyclone II

	feet
Width	: 8.33
Track	: 8.33
Lock to Lock Time	: 6.0
Steering Angle	: 31.0



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CARVANA

STATE OF NEW YORK
TRENTON ALLAN SUDDETH
111067
LICENSED PROFESSIONAL ENGINEER
10/12/2026

KHA PROJECT	112130011
DATE	10/12/2026
SCALE:	AS SHOWN
DESIGNED BY:	KH
DRAWN BY:	KH
CHECKED BY:	KH

VEHICLE MANEURVERING PLAN - FIRE TRUCK

CARVANA - BUFFALO
12200 MAIN STREET
AKRON, NEW YORK 14001

TOWN OF NEWSTEAD NEW YORK

SHEET NUMBER
C-3.8

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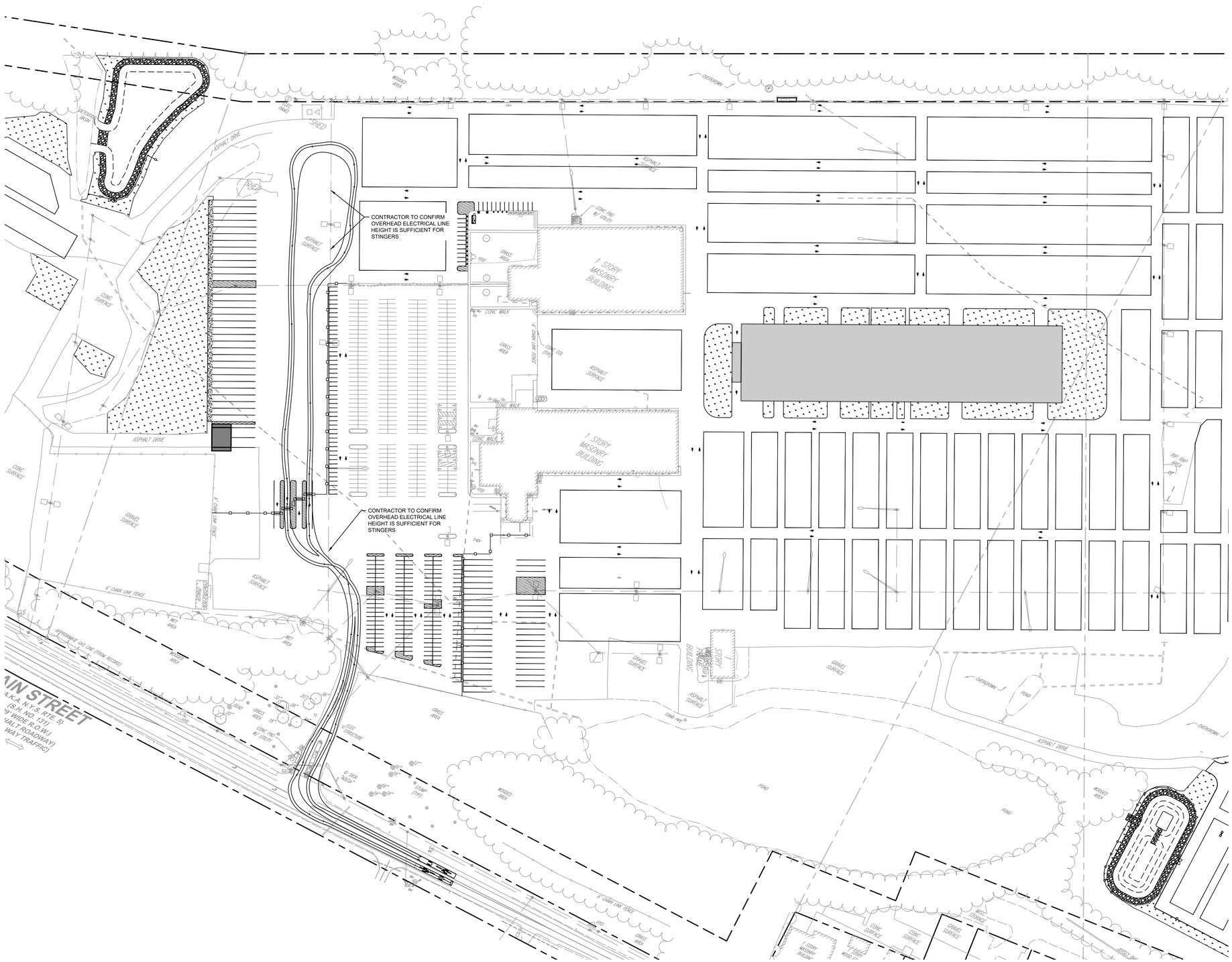

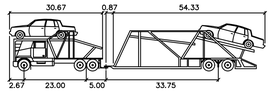

Carvana 90ft Custom

feet

Tractor Width	: 9.83	Lock to Lock Time	: 6.0
Trailer Width	: 9.83	Steering Angle	: 24.4
Tractor Track	: 8.50	Articulating Angle	: 50.0
Trailer Track	: 8.50		

NORTH

GRAPHIC SCALE IN FEET

0 50 100 200

NO.	REVISIONS	DATE	BY

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WWW.KIMLEY-HORN.COM

CARVANA

STATE OF NEW YORK
TRENTON ALLAN SUDDETH
111067
LICENSED PROFESSIONAL ENGINEER
10/12/2026

KHA PROJECT	112130011
DATE	10/12/2026
SCALE:	AS SHOWN
DESIGNED BY:	KH
DRAWN BY:	KH
CHECKED BY:	KH

VEHICLE MANEURVERING PLAN - STINGER TRUCK

CARVANA - BUFFALO
12200 MAIN STREET
AKRON, NEW YORK 14001

TOWN OF NEWSTEAD NEW YORK

SHEET NUMBER
C-3.9

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k:\whp_civil\112130011_carvana buffalo_newstead, ny\7. civil\2. cad\plansheets\C-4.0 GRADING AND DRAINAGE PLAN.dwg

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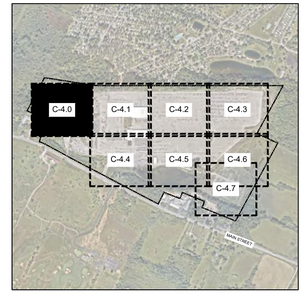

SCALE: 1" = 1,200'

GRADING AND DRAINAGE PLAN LEGEND

- PROPERTY LINE
- SETBACK LINE
- LOW — LIMITS OF WORK
- LIMITS OF GRADING
- XXX — EXISTING CONTOUR
- XXX — PROPOSED CONTOUR
- X.XX — PROPOSED SLOPE
- ME: XX — MATCH EXISTING GRADE
- XX — PROPOSED GRADE SPOT ELEVATION
- D — EXISTING STORM SEWER LINE
- PROPOSED STORM SEWER LINE
- PROPOSED STORM STRUCTURES

GRADING AND DRAINAGE NOTES

1. PROPERTY LINES AND EXISTING CONDITIONS SHOWN ARE BASED ON A SURVEY MAP ENTITLED "BOUNDARY & LOCATION SURVEY 12200 MAIN STREET" PREPARED BY CONTROL POINT ASSOCIATES INC PC, DATED MAY 4TH, 2026, OR LATEST VERSION.
2. REFERENCE GEOTECHNICAL REPORT ENTITLED "CARVANA - BUFFALO GEOTECHNICAL ENGINEERING REPORT," PREPARED BY GZA GEO ENVIRONMENTAL OF NEW YORK, DATED JUNE 19, 2026, OR LATEST VERSION.
3. EXISTING ELEVATIONS SHOWN ARE GENERALLY IN ACCORDANCE WITH THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
4. CONTRACTOR TO VERIFY ALL EXISTING TOPOGRAPHY AND STRUCTURES ON THE SITE AND IMMEDIATELY NOTIFY THE ENGINEER OF ANY DISCREPANCIES PRIOR TO STARTING WORK.
5. MATCH EXISTING ELEVATIONS AT THE PROPERTY LIMITS.
6. MAXIMUM SLOPE IN ACCESSIBLE PARKING SPACES AND LOADING SPACE SHALL NOT EXCEED 2.0% IN ALL DIRECTIONS.
7. MAXIMUM RUNNING SLOPE SHALL NOT EXCEED 5% AND CROSS SLOPE SHALL NOT EXCEED 2% ON ALL SIDEWALKS AND ACCESSIBLE ROUTES.
8. CONTRACTOR TO INSPECT AND CLEAN ALL EXISTING STORM STRUCTURES FOR DEBRIS.

NORTH

GRAPHIC SCALE IN FEET
0 20 40 80

NO.	REVISIONS	DATE	BY

FOR PERMIT REVIEW

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WWW.KIMLEY-HORN.COM

CARVANA

STATE OF NEW YORK
TRENTON ALLAN SUDDETH
LICENSED PROFESSIONAL ENGINEER
111067
10/12/2026

KHA PROJECT 112130011
DATE 10/12/2026
SCALE: AS SHOWN
DESIGNED BY: KH
DRAWN BY: KH
CHECKED BY: KH

GRADING AND DRAINAGE PLAN

CARVANA - BUFFALO
12200 MAIN STREET
AKRON, NEW YORK 14001
TOWN OF NEWSTEAD NEW YORK

SHEET NUMBER
C-4.0

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k:\whp_civil\112130011_carvana buffalo_newstead, ny\7. civil\2. cad\plansheets\C-4.0 GRADING AND DRAINAGE PLAN.dwg

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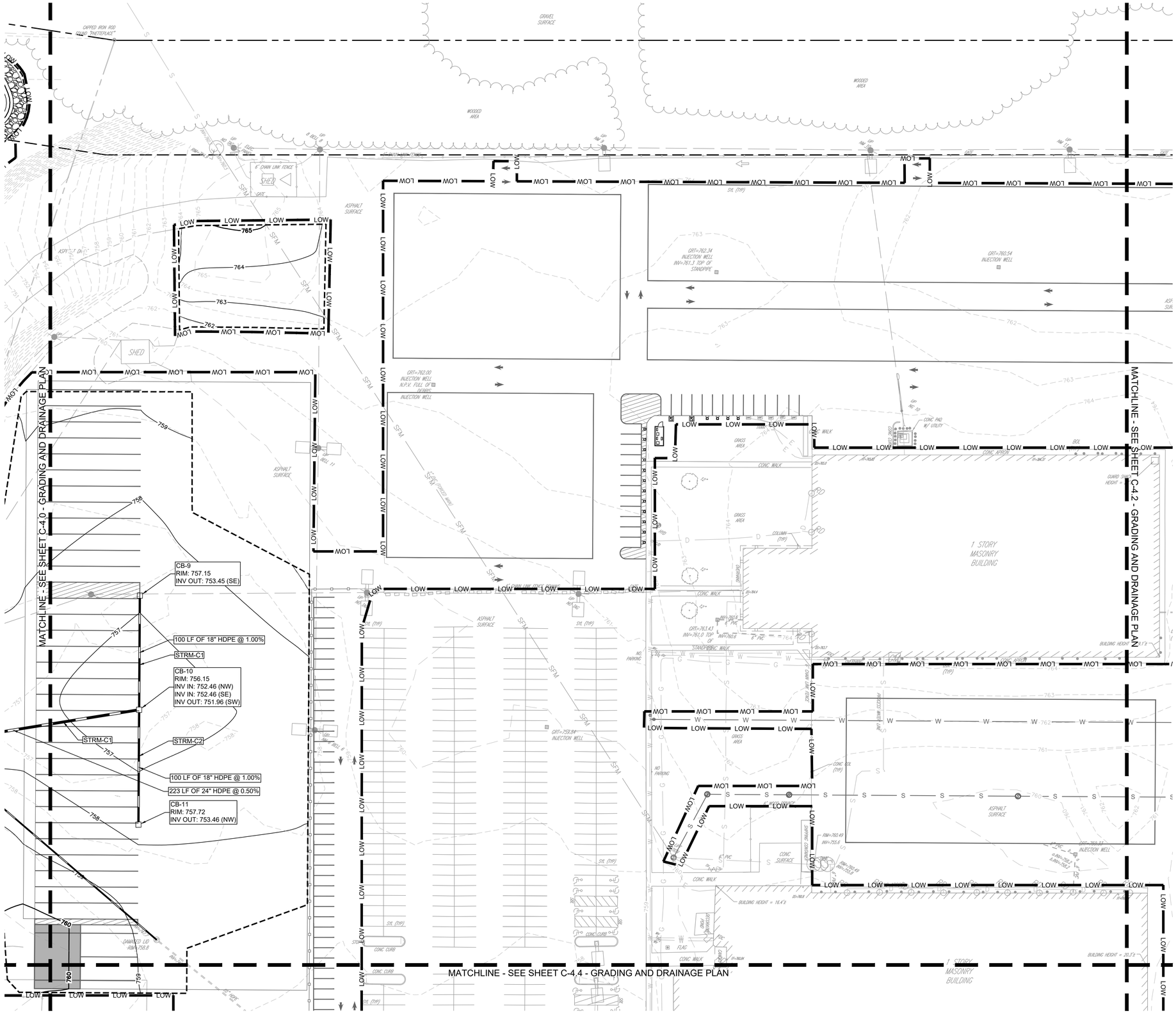



SCALE: 1" = 1,200'

GRADING AND DRAINAGE PLAN LEGEND

- PROPERTY LINE
- SETBACK LINE
- LOW — LIMITS OF WORK
- LIMITS OF GRADING
- XXX — EXISTING CONTOUR
- XXX — PROPOSED CONTOUR
- X.XX — PROPOSED SLOPE
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- XX — PROPOSED GRADE SPOT ELEVATION
- D — EXISTING STORM SEWER LINE
- PROPOSED STORM SEWER LINE
- PROPOSED STORM STRUCTURES

GRADING AND DRAINAGE NOTES

1. PROPERTY LINES AND EXISTING CONDITIONS SHOWN ARE BASED ON A SURVEY MAP ENTITLED "BOUNDARY & LOCATION SURVEY 12200 MAIN STREET" PREPARED BY CONTROL POINT ASSOCIATES INC PC, DATED MAY 4TH, 2026, OR LATEST VERSION.
2. REFERENCE GEOTECHNICAL REPORT ENTITLED "CARVANA - BUFFALO GEOTECHNICAL ENGINEERING REPORT," PREPARED BY GZA GEO ENVIRONMENTAL OF NEW YORK, DATED JUNE 19, 2026, OR LATEST VERSION.
3. EXISTING ELEVATIONS SHOWN ARE GENERALLY IN ACCORDANCE WITH THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
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NO.	DATE	BY	REVISIONS

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WWW.KIMLEY-HORN.COM

CARVANA

STATE OF NEW YORK — TRENTON ALLAN SUDDETH — LICENSED PROFESSIONAL ENGINEER — 111067 — 10/12/2026

KHA PROJECT	112130011
DATE	10/12/2026
SCALE:	AS SHOWN
DESIGNED BY:	KH
DRAWN BY:	KH
CHECKED BY:	KH

GRADING AND DRAINAGE PLAN

CARVANA - BUFFALO
12200 MAIN STREET
AKRON, NEW YORK 14001
TOWN OF NEWSTEAD NEW YORK

SHEET NUMBER
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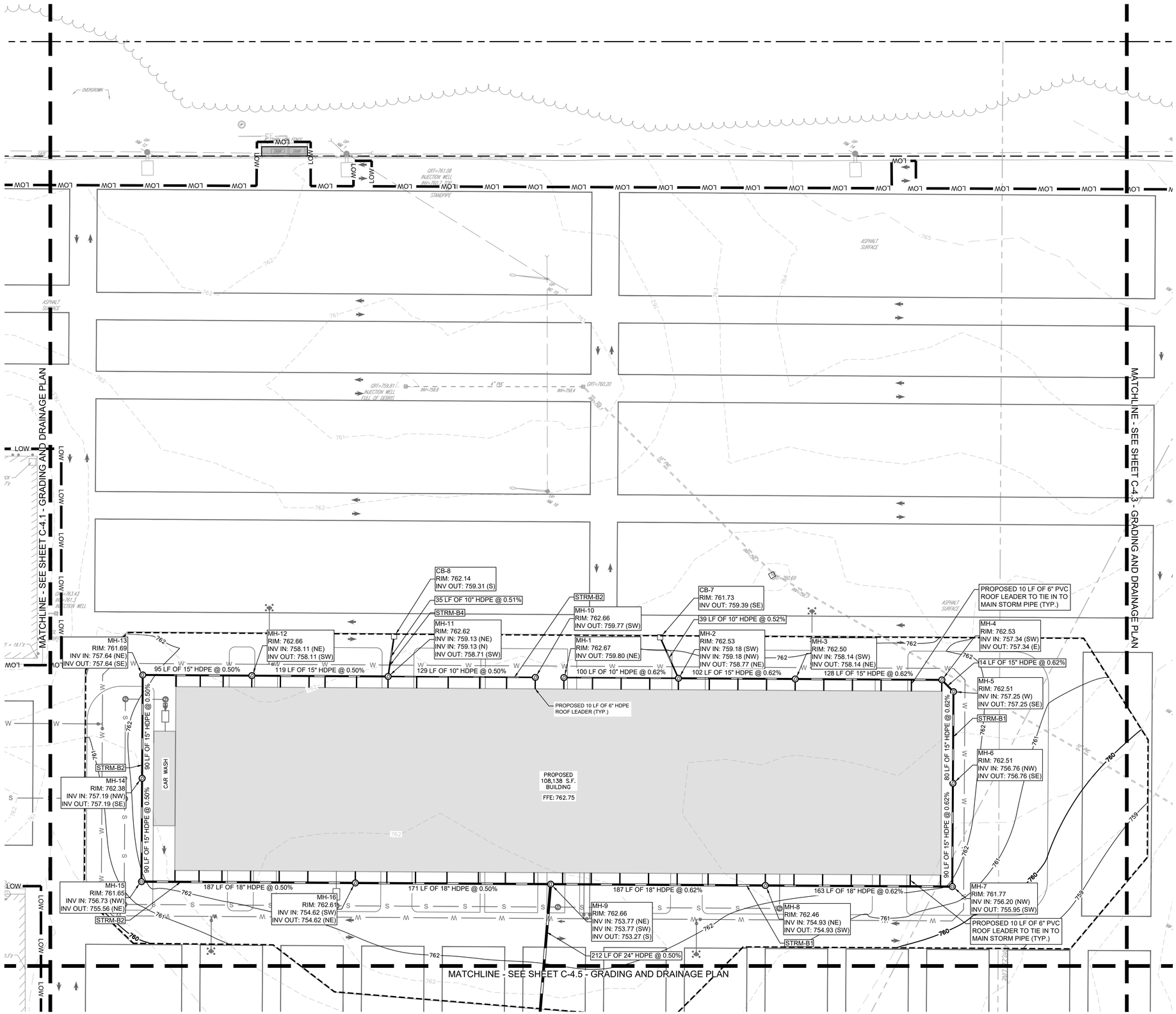

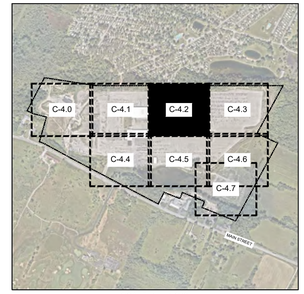

SCALE: 1" = 1,200'

GRADING AND DRAINAGE PLAN LEGEND

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GRADING AND DRAINAGE NOTES

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8. CONTRACTOR TO INSPECT AND CLEAN ALL EXISTING STORM STRUCTURES FOR DEBRIS.

NORTH

GRAPHIC SCALE IN FEET
0 20 40 80

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CARVANA

LICENSED PROFESSIONAL ENGINEER
STATE OF NEW YORK
TRENTON ALLAN SUDDETH
111067
10/12/2026

KHA PROJECT	112130011
DATE:	10/12/2026
SCALE:	AS SHOWN
DESIGNED BY:	KH
DRAWN BY:	KH
CHECKED BY:	KH

GRADING AND DRAINAGE PLAN

CARVANA - BUFFALO
12200 MAIN STREET
AKRON, NEW YORK 14001

TOWN OF NEWSTEAD — NEW YORK

SHEET NUMBER
C-4.2

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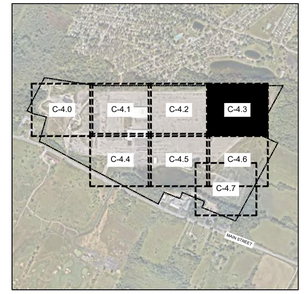

SCALE: 1" = 1,200'

GRADING AND DRAINAGE PLAN LEGEND

- PROPERTY LINE
- SETBACK LINE
- LOW — LIMITS OF WORK
- LIMITS OF GRADING
- XXX — EXISTING CONTOUR
- XXX — PROPOSED CONTOUR
- X.XX — PROPOSED SLOPE
- ME: XX — MATCH EXISTING GRADE
- XX — PROPOSED GRADE SPOT ELEVATION
- D — EXISTING STORM SEWER LINE
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NORTH

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GRADING AND DRAINAGE PLAN

CARVANA - BUFFALO
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MATCHLINE - SEE SHEET C-4.1 - GRADING AND DRAINAGE PLAN

MATCHLINE - SEE SHEET C-4.5 - GRADING AND DRAINAGE PLAN



SCALE: 1" = 1,200'

GRADING AND DRAINAGE PLAN LEGEND

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NORTH

GRAPHIC SCALE IN FEET
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10/12/2026

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DESIGNED BY:	KH
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CHECKED BY:	KH

GRADING AND DRAINAGE PLAN

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AKRON, NEW YORK 14001

TOWN OF NEWSTEAD NEW YORK

SHEET NUMBER
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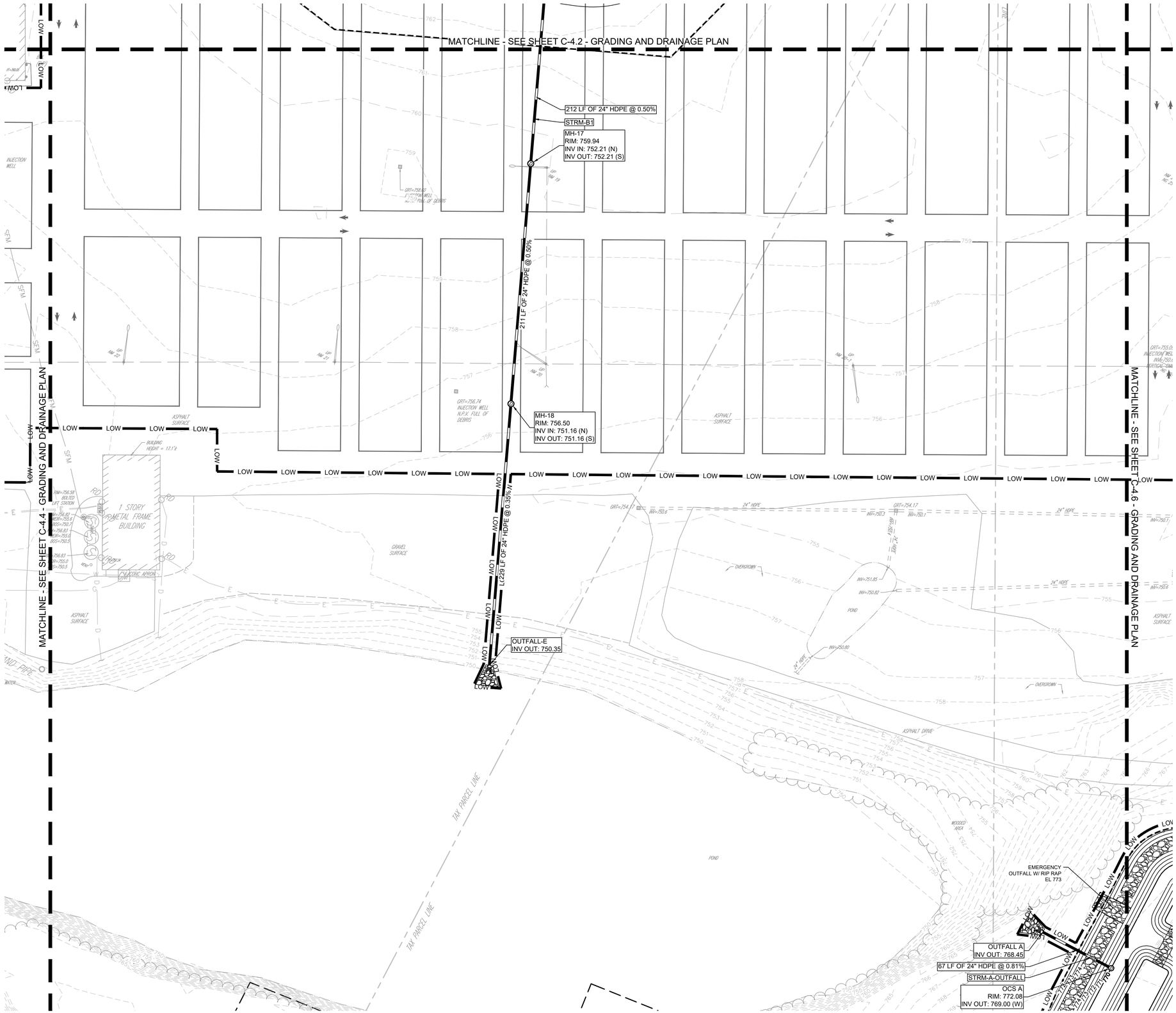



SCALE: 1" = 1,200'

GRADING AND DRAINAGE PLAN LEGEND

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NORTH

GRAPHIC SCALE IN FEET
0 20 40 80

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CARVANA

STATE OF NEW YORK
TRENTON ALLAN SUDDETH
111067
LICENSED PROFESSIONAL ENGINEER
10/12/2026

KHA PROJECT 112130011
DATE 10/12/2026
SCALE: AS SHOWN
DESIGNED BY: KH
DRAWN BY: KH
CHECKED BY: KH

GRADING AND DRAINAGE PLAN

CARVANA - BUFFALO
12200 MAIN STREET
AKRON, NEW YORK 14001
TOWN OF NEWSTEAD NEW YORK

SHEET NUMBER
C-4.5

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MATCHLINE - SEE SHEET C-4.3 - GRADING AND DRAINAGE PLAN

MATCHLINE - SEE SHEET C-4.5 - GRADING AND DRAINAGE PLAN

CB-6
RIM: 774.63
INV IN: 771.30 (E)
INV OUT: 771.05 (SW)

145 LF OF 15" HDPE @ 0.69%

CB-5
RIM: 776.08
INV IN: 772.30 (E)
INV OUT: 772.30 (W)

141 LF OF 15" HDPE @ 0.69%

STRM-A2

CB-4
RIM: 777.49
INV OUT: 773.28 (W)

151 LF OF 18" HDPE @ 0.69%

PROPOSED P-1 MICROPOOL EXTENDED DETENTION BASIN #1
BOB: EL 765
TOB: EL 774
EMERGENCY OUTFALL: EL 773
AQUATIC BENCH: 10' FROM EL 769 TO EL 770 AT 10% SLOPE
PERMANENT POOL: EL 770
FOREBAY: EL 765 TO 769

OUTLET A2
INV OUT: 770.00

OUTLET A1
INV OUT: 769.98

46 LF OF 18" HDPE @ 1.00%

CB-3
RIM: 774.59
INV IN: 770.70 (E)
INV OUT: 770.45 (NW)

RIP RAP AREA SOLAR PANEL

GRT=754.51

GRT=755.0
INVERTED 36"
INV=753.85
VERTICAL

INV=754.54

OVERGROWN

DETENTION BASIN

WOODED AREA

CSC DAMAGED LID FULL OF DEBRIS

SIGN

GRAPHIC SCALE IN FEET
0 20 40 80

NORTH



SCALE: 1" = 1,200'

GRADING AND DRAINAGE PLAN LEGEND

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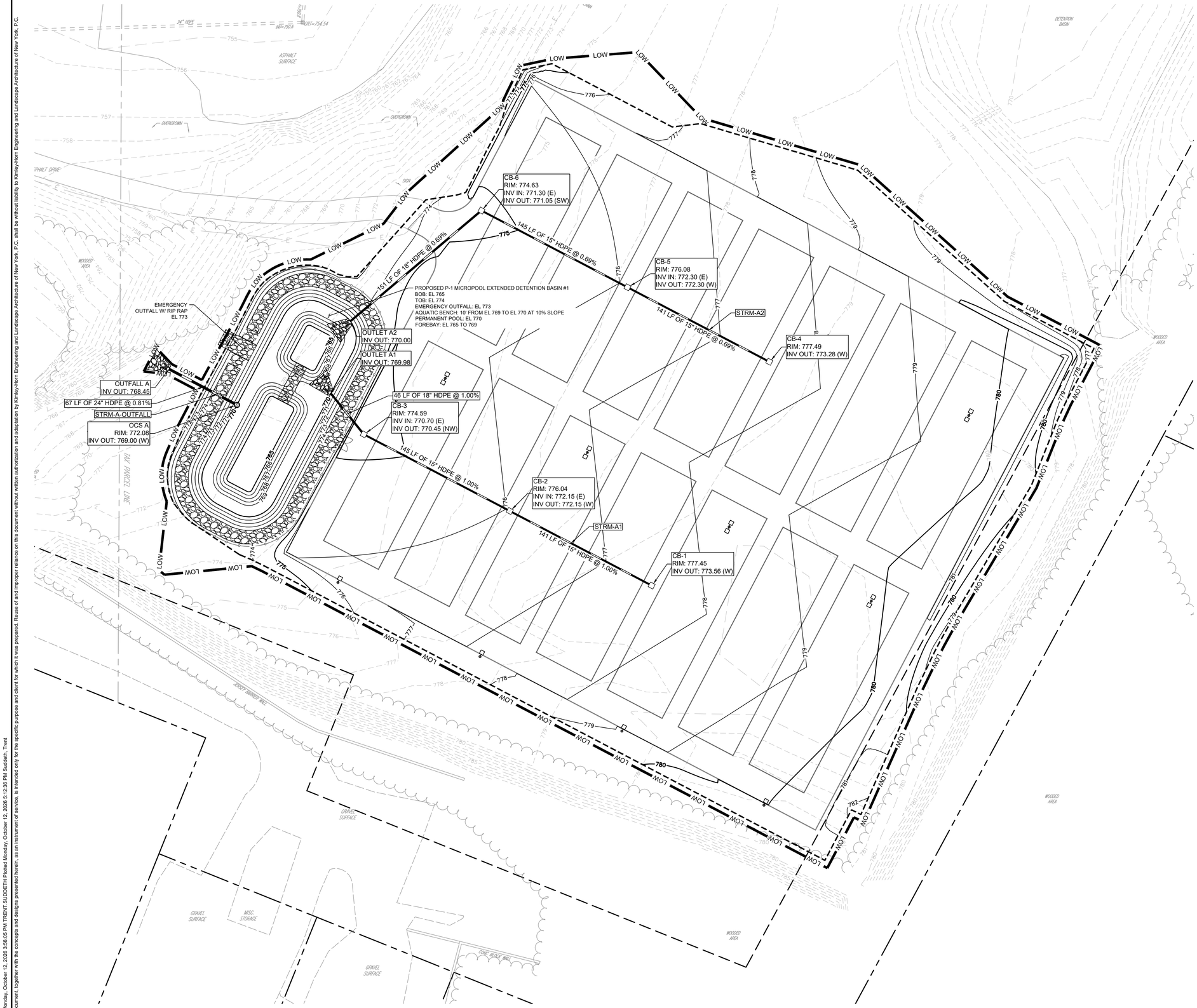



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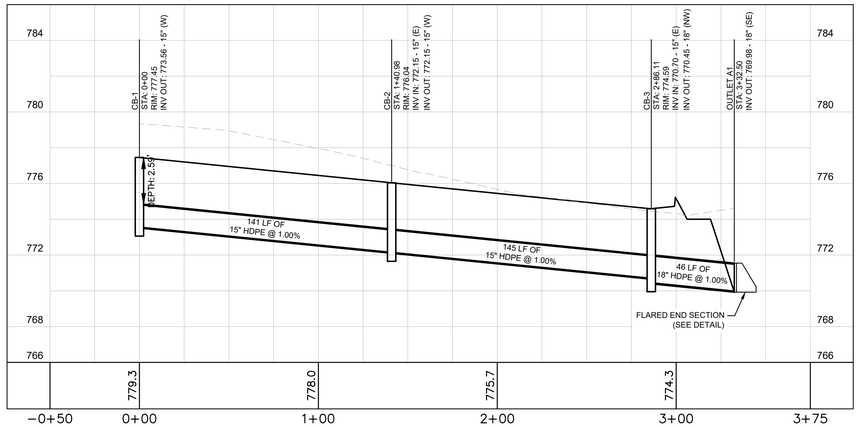
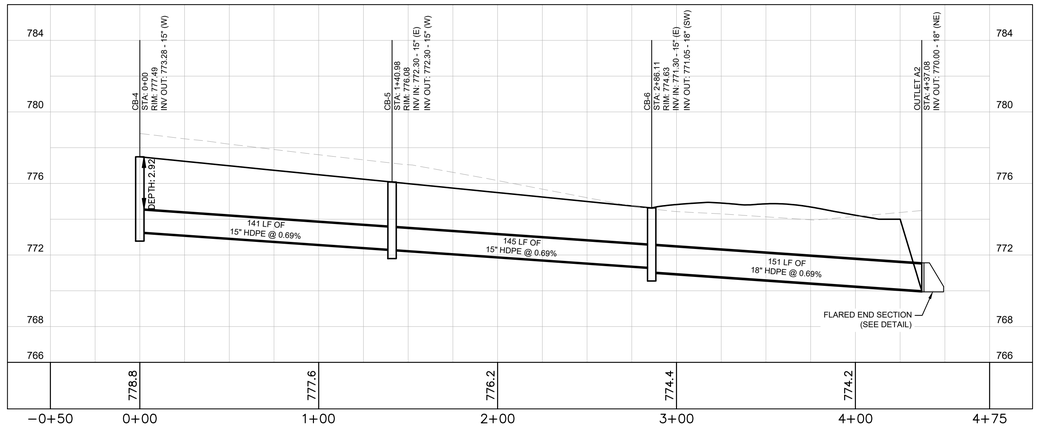
k:\whp_civil\112130011_carvana buffalo_newstead, ny\7. civil\2. cad\plansheets\C-4.1 STORM PROFILE PLAN.dwg



STRM-A1

SCALE: 1" = 40' H
1" = 4' V



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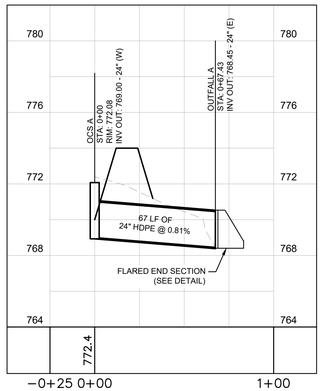

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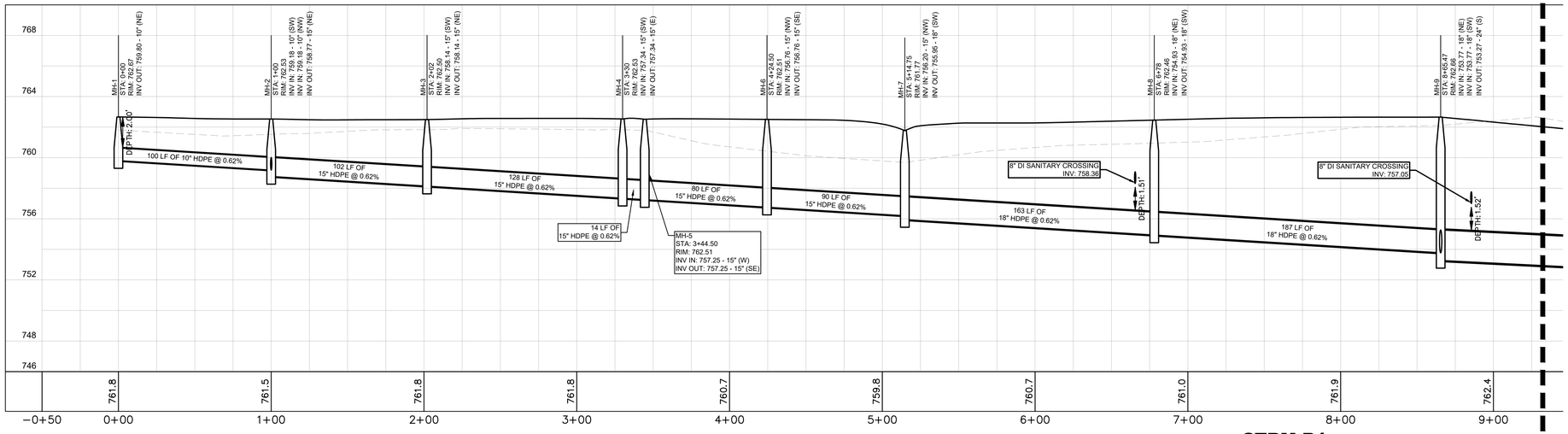

STRM-B1

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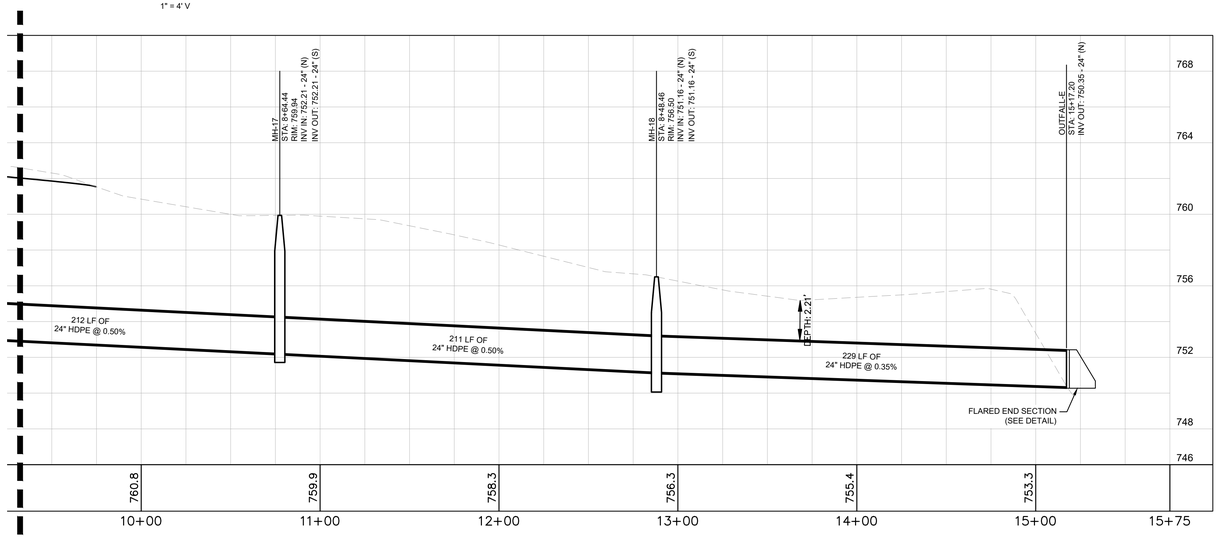

GRAPHIC SCALE IN FEET
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HORIZONTAL
VERTICAL
8
4
2
0

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CARVANA

STATE OF NEW YORK
TRENTON ALLAN SUDDETH
LICENSED PROFESSIONAL ENGINEER
111067
10/12/2026

KHA PROJECT	112130011
DATE	10/12/2026
SCALE:	AS SHOWN
DESIGNED BY:	KH
DRAWN BY:	KH
CHECKED BY:	KH

STORM PROFILE PLAN

CARVANA - BUFFALO
12200 MAIN STREET
AKRON, NEW YORK 14001
TOWN OF NEWSTEAD
NEW YORK

SHEET NUMBER
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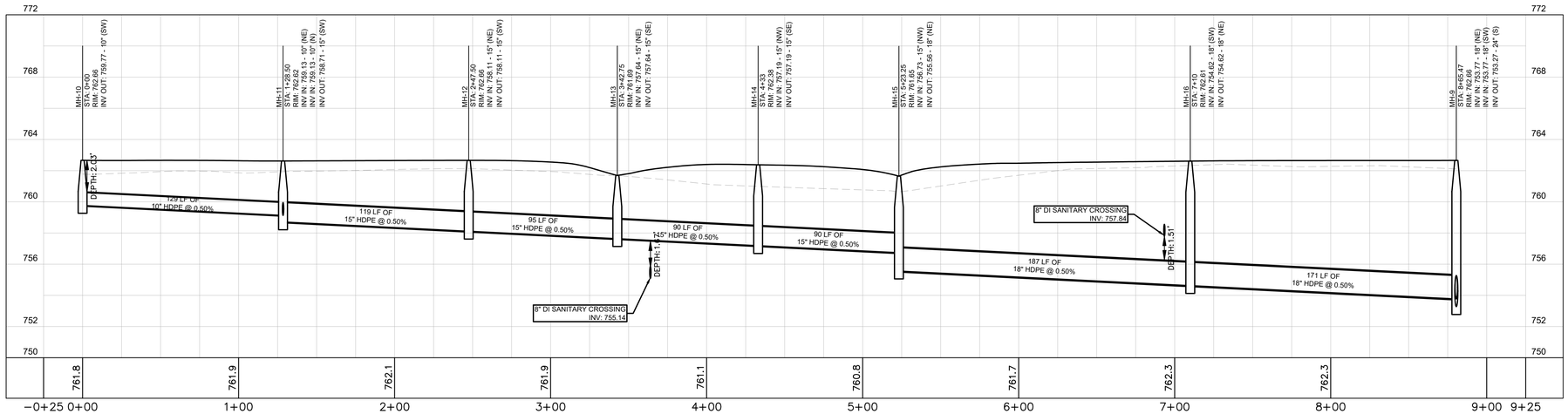
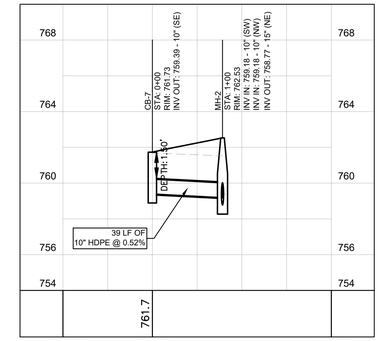


STRM-B2

SCALE: 1" = 40' H
1" = 4' V



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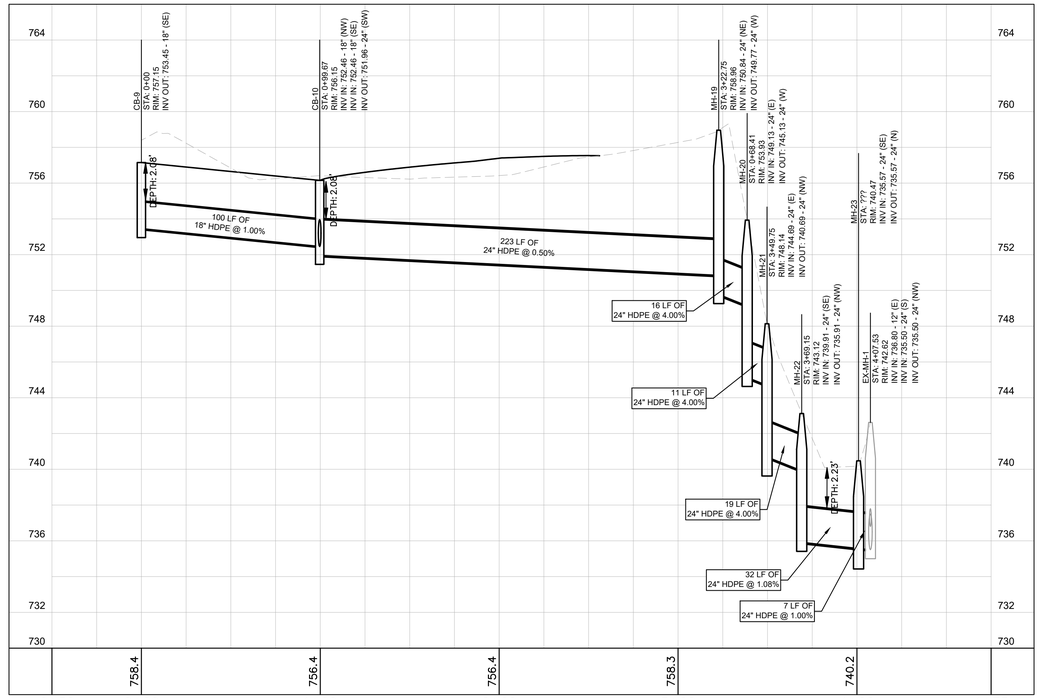
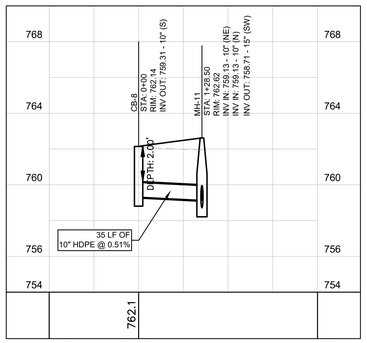
1" = 4' V



STRM-C1

SCALE: 1" = 40' H



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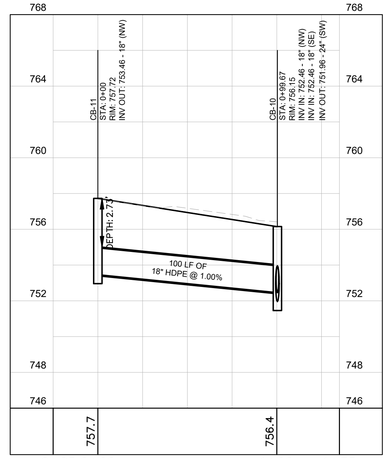
SCALE: 1" = 40' H
1" = 4' V



STRM-C2

SCALE: 1" = 40' H
1" = 4' V

GRAPHIC SCALE IN FEET
0 20 40 80
HORIZONTAL
VERTICAL
8
4
2
0

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CARVANA

LICENSED PROFESSIONAL ENGINEER
STATE OF NEW YORK
TRENTON ALLAN SUDDETH
111067
10/12/2026

KHA PROJECT	112130011
DATE	10/12/2026
SCALE:	AS SHOWN
DESIGNED BY:	KH
DRAWN BY:	KH
CHECKED BY:	KH

STORM PROFILE PLAN

CARVANA - BUFFALO
12200 MAIN STREET
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TOWN OF NEWSTEAD NEW YORK

SHEET NUMBER
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SCALE: 1" = 1,200'

UTILITY PLAN LEGEND

- PROPERTY LINE
- SETBACK LINE
- LOW — LIMIT OF WORK
- W — PROPOSED WATER LINE
- S — PROPOSED SANITARY SEWER LINE
- PROPOSED SANITARY STRUCTURES
- PROPOSED WATER STRUCTURES

UTILITY NOTES

1. PROPOSED UTILITY CONNECTIONS TO BE COORDINATED WITH THE AUTHORITY HAVING JURISDICTION & UTILITY PROVIDERS.
2. UTILITIES SHOWN ARE LOCATED ACCORDING TO THE INFORMATION AVAILABLE TO THE CIVIL ENGINEER AT THE TIME OF THE SURVEY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE APPLICANT, OWNER, OR THE CIVIL ENGINEER. GUARANTEE IS NOT MADE THAT ALL EXISTING UNDERGROUND UTILITIES ARE SHOWN OR THAT THE LOCATION OF THOSE SHOWN ARE ENTIRELY ACCURATE. FINDING THE ACTUAL LOCATION OF ANY EXISTING UTILITIES IS THE CONTRACTOR'S RESPONSIBILITY AND SHALL BE DONE BEFORE COMMENCING ANY WORK IN THE VICINITY.
3. PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL VERIFY AND DETERMINE THE EXACT LOCATIONS, SIZES, AND ELEVATIONS OF THE POINTS OF CONNECTION TO EXISTING UTILITIES, AND, SHALL CONFIRM THAT THERE ARE NO INTERFERENCES WITH XISTING UTILITIES AND THE PROPOSED UTILITY ROUTES, INCLUDING ROUTES WITHIN THE PUBLIC RIGHTS OF WAY.

NORTH

GRAPHIC SCALE IN FEET
0 20 40 80

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TRENTON ALLAN SUDDETH
LICENSED
111067
PROFESSIONAL ENGINEER
10/12/2026

KHA PROJECT:	112130011
DATE:	10/12/2026
SCALE:	AS SHOWN
DESIGNED BY:	KH
DRAWN BY:	KH
CHECKED BY:	KH

UTILITY PLAN

CARVANA - BUFFALO
12200 MAIN STREET
AKRON, NEW YORK 14001
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SHEET NUMBER
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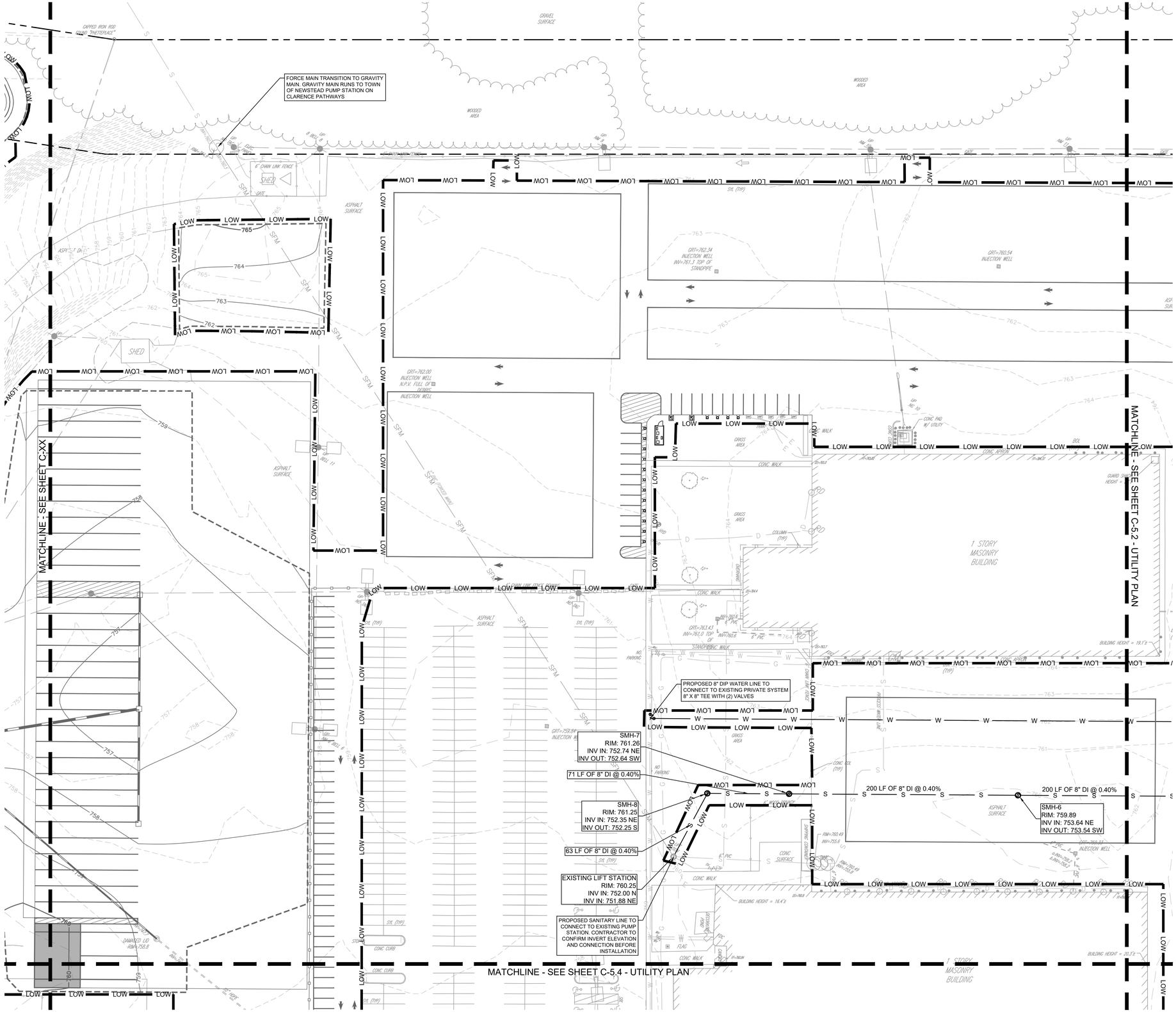



SCALE: 1" = 1,200'

UTILITY PLAN LEGEND

	PROPERTY LINE
	SETBACK LINE
LOW	LIMIT OF WORK
W	PROPOSED WATER LINE
S	PROPOSED SANITARY SEWER LINE
	PROPOSED SANITARY STRUCTURES
	PROPOSED WATER STRUCTURES

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STATE OF NEW YORK — TRENTON ALLAN SUDDETH — LICENSED PROFESSIONAL ENGINEER — 111067
10/12/2026

KHA PROJECT:	112130011
DATE:	10/12/2026
SCALE:	AS SHOWN
DESIGNED BY:	KH
DRAWN BY:	KH
CHECKED BY:	KH

UTILITY PLAN

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AKRON, NEW YORK 14001
NEW YORK
TOWN OF NEWSTEAD

SHEET NUMBER
C-5.1

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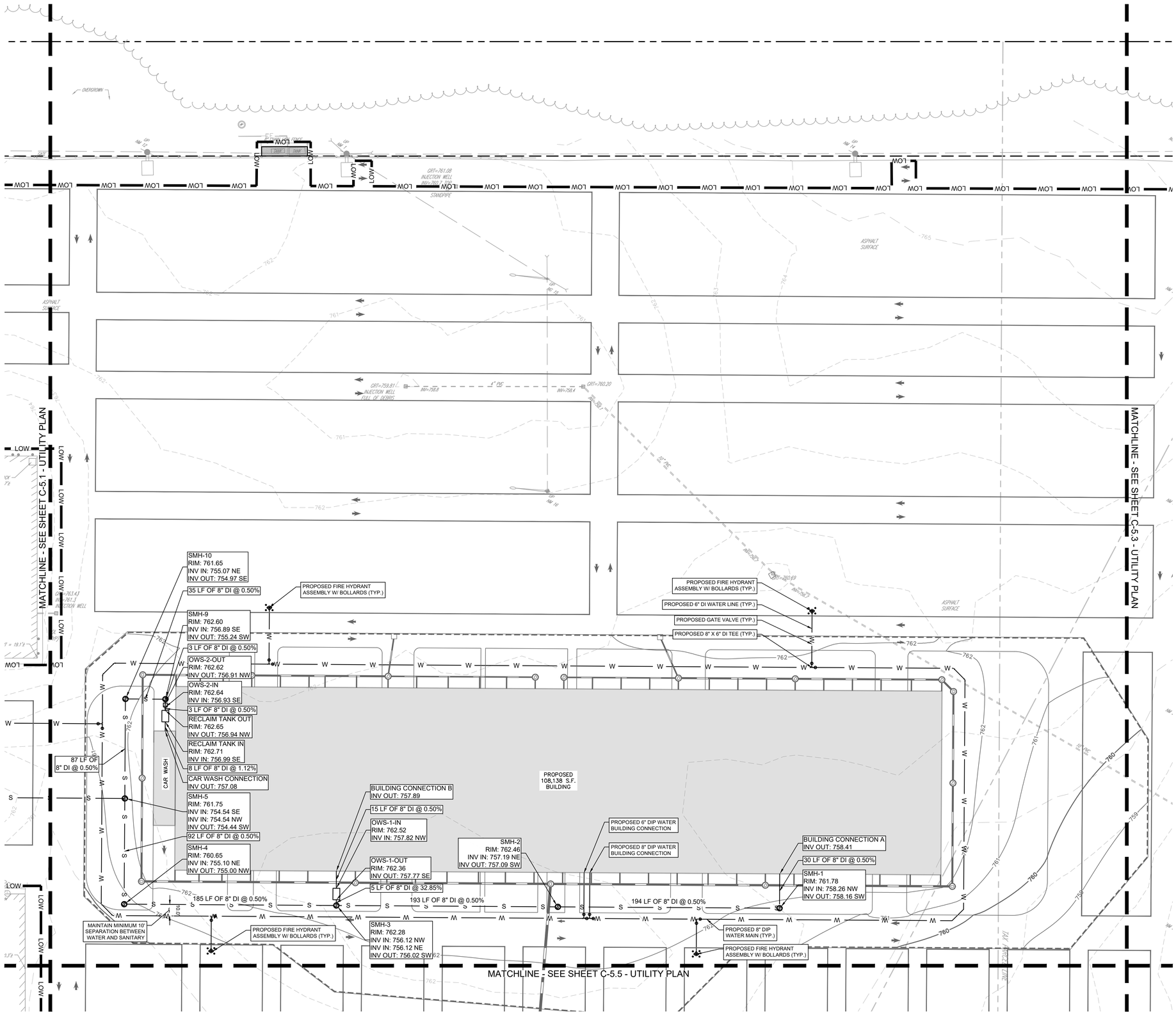



SCALE: 1" = 1,200'

UTILITY PLAN LEGEND

- PROPERTY LINE
- SETBACK LINE
- LOW — LIMIT OF WORK
- W — PROPOSED WATER LINE
- S — PROPOSED SANITARY SEWER LINE
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STATE OF NEW YORK — TRENTON ALLAN SUDDETH — LICENSED PROFESSIONAL ENGINEER — 111067
10/12/2026

KHA PROJECT	112130011
DATE:	10/12/2026
SCALE:	AS SHOWN
DESIGNED BY:	KH
DRAWN BY:	KH
CHECKED BY:	KH

UTILITY PLAN

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12200 MAIN STREET
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TOWN OF NEWSTEAD NEW YORK

SHEET NUMBER
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