

Vehicle	Trailer	Path
Description		109' REAR MOUNT LADDER KME FIRE APPARATUS
Wheel Width	8.333	
Wheel Length	19.750	
Vehicle Width	8.333	
Front Overhang	10.000	
Rear Overhang	10.000	
Tire Diameter	3.600	
Rear Axle Count	2	
Rear Axle Offset	4.500	

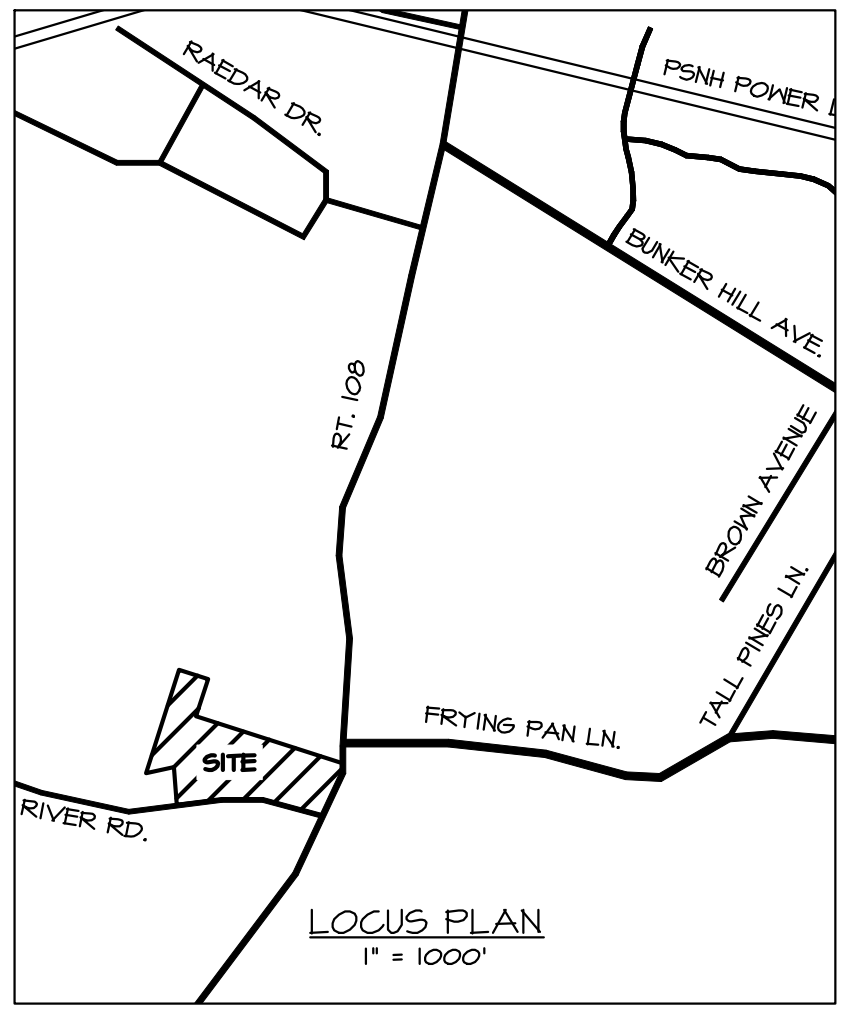
109' REAR MOUNTED LADDER APPARATUS - FIRE TRUCK DIMENSIONS
NOT TO SCALE

NOTE:
FIRE TRUCK DIMENSIONS FOR A 104' REAR MOUNTED LADDER APPARATUS AND TURNING RADIUS WAS PROVIDED BY THE EXETER FIRE DEPARTMENT.

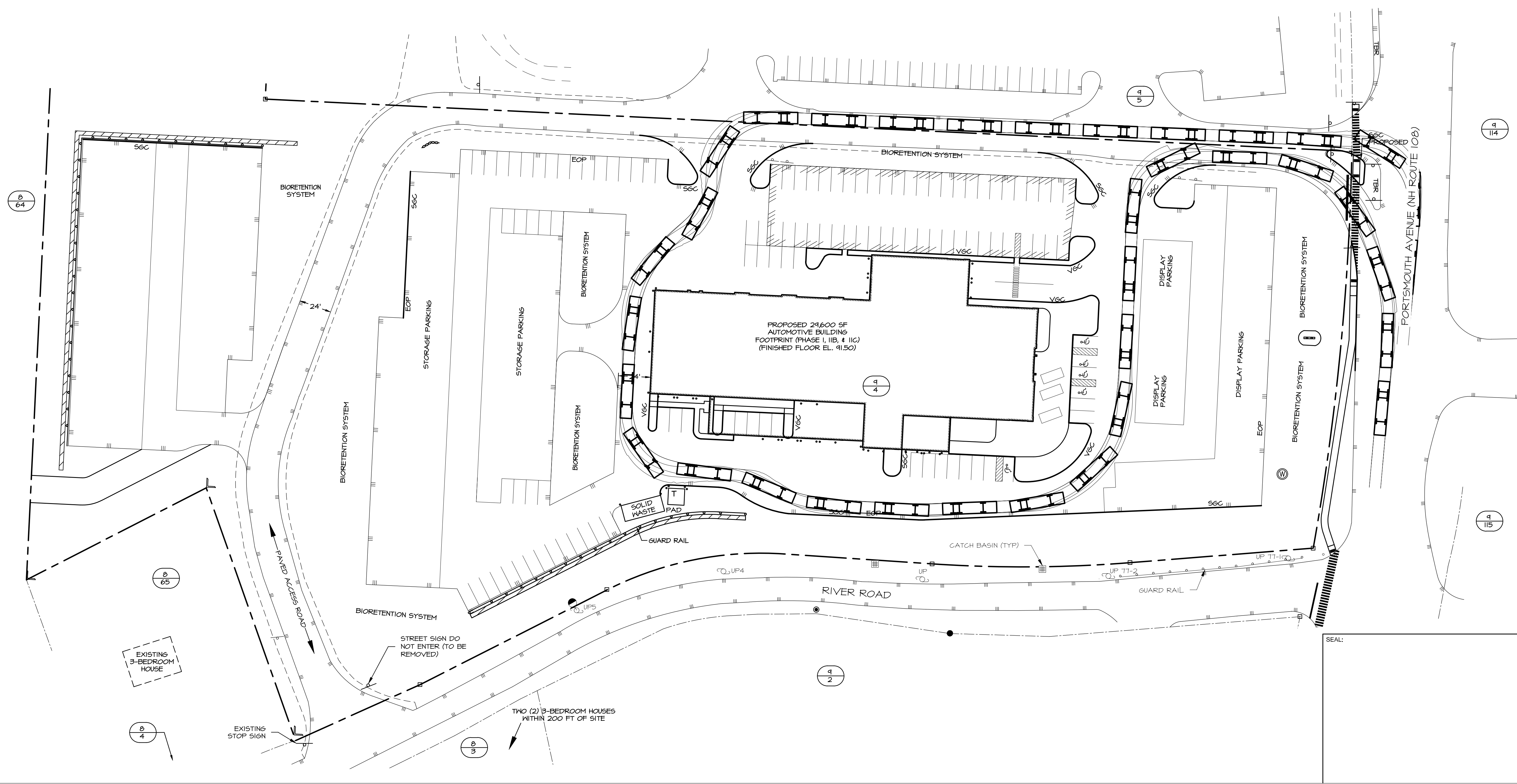
LEGEND

□ NEW HAMPSHIRE HIGHWAY	○ DRAIN MANHOLE
○ BOUND FOUND	○ SERVICE CLEANOUT
○ IRON ROD FOUND	○ SEPTIC LINE
(TYP) TYPICAL	○ DRAIN LINE
--- PROPERTY LINE	○ PROPAANE TANK
--- WETLAND DELINEATION	○ WATER LINE
--- WETLAND SYMBOL	○ WELL
--- SOIL DELINEATION	○ GAS LINE
--- EXISTING CONTOUR	○ SIGN
--- PROPOSED CONTOUR	○ # OF PARKING SPACES
--- PROPOSED SPOT GRADE	○ TREE LINE
--- EDGE OF PAVEMENT (EOP)	○ TREE
--- UNDERGROUND UTILITIES	
--- OVERHEAD UTILITIES	
○ UTILITY POLE	
○ GUY WIRE	

GRAPHIC SCALE
(IN FEET)
1 inch = 40 ft.



- NOTES:**
- OWNER OF RECORD:
TAX MAP 4, LOT 4
41 PORTSMOUTH AVE LLC
151 PORTSMOUTH AVENUE
EXETER, NH 03833
RCRD BK6613 PG1241
 - THE INTENT OF THIS PLAN IS TO VERIFY THAT A FIRE TRUCK CAN ENTER THE SITE, DRIVE AROUND THE PROPOSED BUILDING, AND EXIT THE SITE FOR PHASE I AND PHASE II.
 - THE VEHICLE PATH TRACKING FEATURE FROM CARLSON CIVIL 2021 WAS USED TO DEMONSTRATE THE APPROXIMATE VEHICLE PATH. PARAMETERS OF THE FIRE TRUCK INCLUDE A 34-FOOT CENTER TURN RADIUS, AND A 0.33-FOOT-WIDE BY 34.75-FOOT-LONG VEHICLE PER INFORMATION PROVIDED BY THE EXETER FIRE DEPARTMENT.
 - SEE EEI DRAWING SET COVER SHEET FOR PROJECT GENERAL NOTES.



4	JUN 17, 2026	FOR APPROVAL	
3	AUG 8, 2025	FOR APPROVAL	
1	MAR 19, 2025	FOR APPROVAL	
ISS. DATE:	DESCRIPTION OF ISSUE:		CHK.
DRAWN:	JJM	DESIGN:	JJM
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CLIENT:
41 PORTSMOUTH AVE LLC
151 PORTSMOUTH AVENUE
EXETER, NH 03833

TITLE:
FIRE TRUCK TURNING TEMPLATE SKETCH
FOR
41 PORTSMOUTH AVE LLC
41 PORTSMOUTH AVE (SITE)
(STRATHAM TAX MAP 9 LOT 4)
STRATHAM, NH 03885

PROJECT:	SCALE:	SHEET:
25-1001	1"=40'	SK1

Vehicle	Trailer	Path
Description		109' REAR MOUNT LADDER KME FIRE APPARATUS
Wheel Width	8.333	
Wheel Length	19.750	
Vehicle Width	8.333	
Front Overhang	10.000	
Rear Overhang	10.000	
Tire Diameter	3.600	
Rear Axle Count	2	
Rear Axle Offset	4.500	

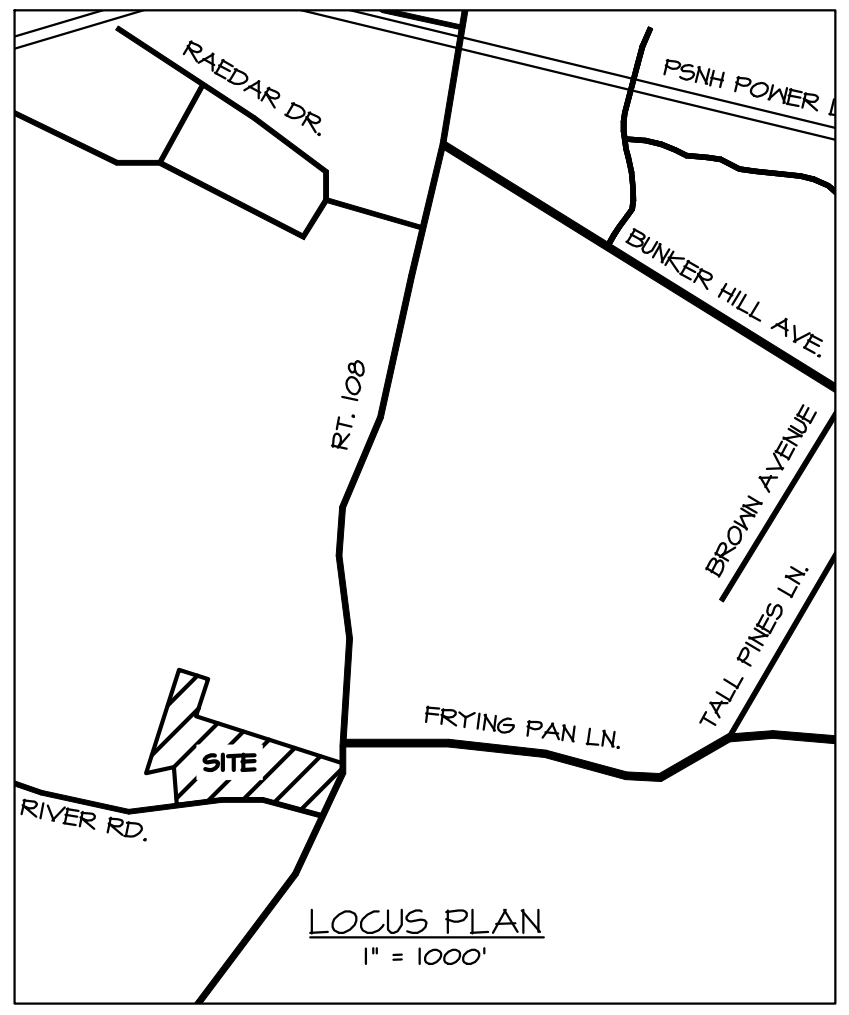
109' REAR MOUNTED LADDER APPARATUS - FIRE TRUCK DIMENSIONS
NOT TO SCALE

NOTE: FIRE TRUCK DIMENSIONS FOR A 104' REAR MOUNTED LADDER APPARATUS AND TURNING RADIUS WAS PROVIDED BY THE EXETER FIRE DEPARTMENT.

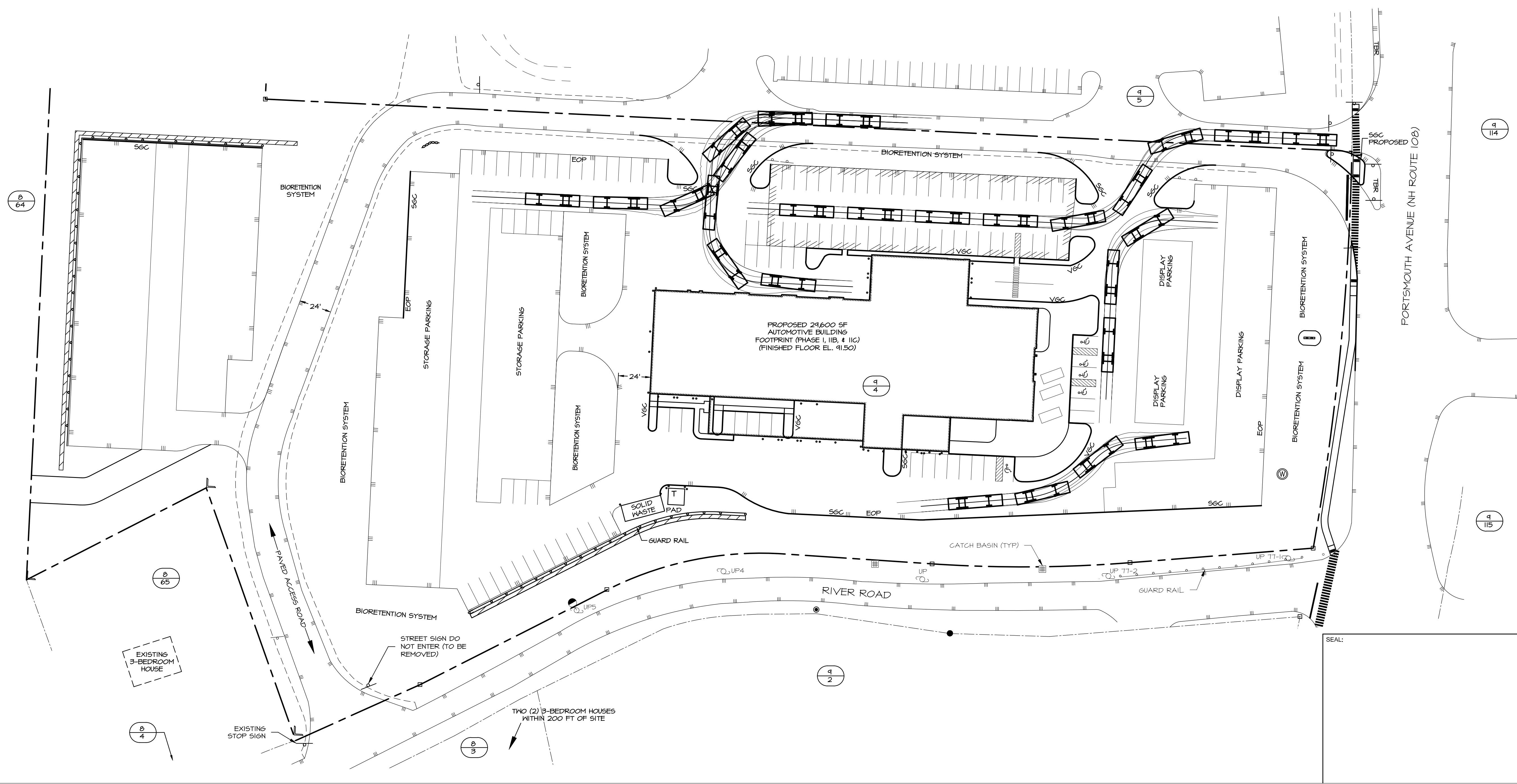
LEGEND

□ NEW HAMPSHIRE HIGHWAY	○ DRAIN MANHOLE
○ BOUND FOUND	○ SERVICE CLEANOUT
○ IRON ROD FOUND	○ SEPTIC LINE
(TYP) TYPICAL	○ DRAIN LINE
--- PROPERTY LINE	○ PROPAANE TANK
--- WETLAND DELINEATION	○ WATER LINE
--- WETLAND SYMBOL	○ WELL
--- SOIL DELINEATION	○ GAS LINE
--- EXISTING CONTOUR	○ SIGN
--- PROPOSED CONTOUR	○ # OF PARKING SPACES
--- PROPOSED SPOT GRADE	○ TREE LINE
--- EDGE OF PAVEMENT (EOP)	○ TREE
--- UNDERGROUND UTILITIES	
--- OVERHEAD UTILITIES	
○ UTILITY POLE	
○ GUY WIRE	

GRAPHIC SCALE
(IN FEET)
1 inch = 40 ft.



- NOTES:**
- OWNER OF RECORD:
TAX MAP 4, LOT 4
41 PORTSMOUTH AVE LLC
151 PORTSMOUTH AVENUE
EXETER, NH 03883
RCRD BK6615 PG1241
 - THE INTENT OF THIS PLAN IS TO DEMONSTRATE FIRE TRUCK ACCESS TO KEY AREAS OF THE PROPOSED PARKING LOT FOR PHASE I AND PHASE II, AS REQUESTED IN THE FIRE PROTECTION ENGINEER'S CODE REVIEW.
 - THE VEHICLE PATH TRACKING FEATURE FROM CARLSON CIVIL 2025 WAS USED TO DEMONSTRATE THE APPROXIMATE VEHICLE PATH. PARAMETERS OF THE FIRE TRUCK INCLUDE A 34-FOOT CENTER TURN RADIUS, AND A 8.33-FOOT-WIDE BY 34.75-FOOT-LONG VEHICLE PER INFORMATION PROVIDED BY THE EXETER FIRE DEPARTMENT.
 - SEE ECI DRAWING SET COVER SHEET FOR PROJECT GENERAL NOTES.



3	JUN 17, 2026	FOR APPROVAL	
2	AUG 8, 2025	FOR APPROVAL	
1	JUN 20, 2025	FOR APPROVAL	
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CLIENT:
41 PORTSMOUTH AVE LLC
151 PORTSMOUTH AVENUE
EXETER, NH 03833

TITLE:
FIRE TRUCK TURNING TEMPLATE SKETCH
FOR
41 PORTSMOUTH AVE LLC
41 PORTSMOUTH AVE (SITE)
(STRATHAM TAX MAP 9 LOT 4)
STRATHAM, NH 03885

PROJECT: 25-1001 SCALE: 1"=40' SHEET: SK1.1

Vehicle	Trailer	Path
Description		109' REAR MOUNT LADDER KME FIRE APPARATUS
Wheel Width	8.333	
Wheel Length	19.750	
Vehicle Width	8.333	
Front Overhang	10.000	
Rear Overhang	10.000	
Tire Diameter	3.600	
Rear Axle Count	2	
Rear Axle Offset	4.500	

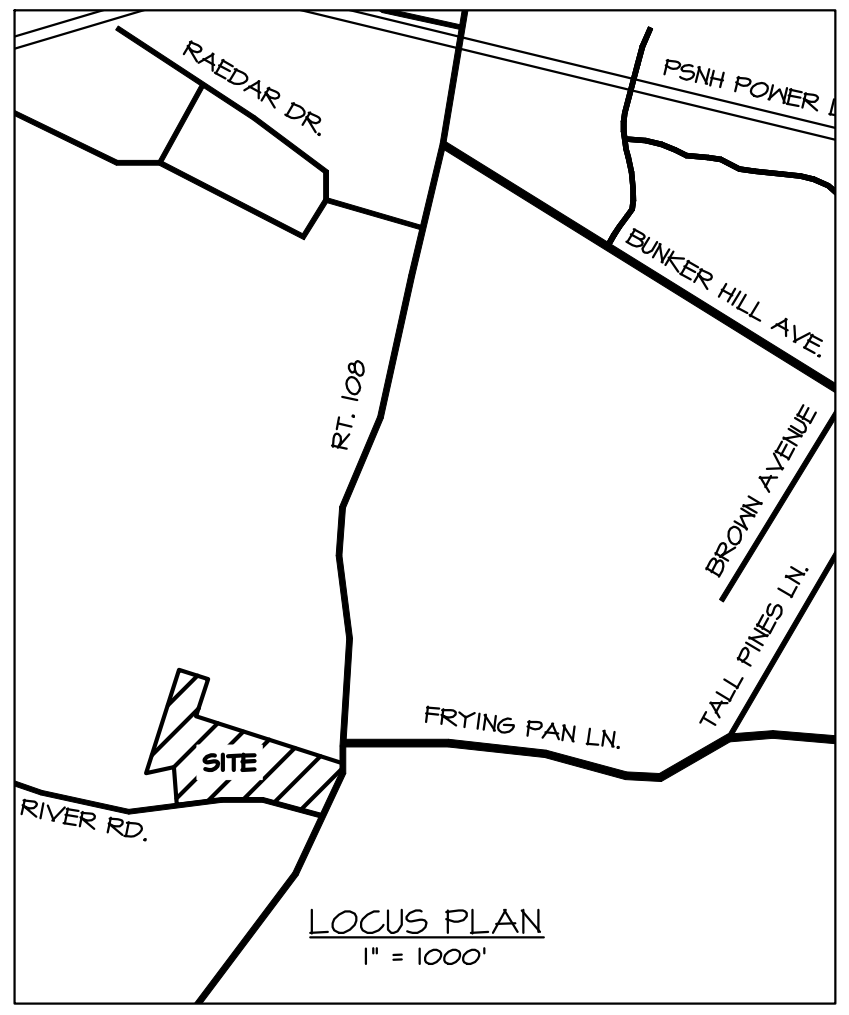
109' REAR MOUNTED LADDER APPARATUS - FIRE TRUCK DIMENSIONS
NOT TO SCALE

NOTE:
FIRE TRUCK DIMENSIONS FOR A 104' REAR MOUNTED LADDER APPARATUS AND TURNING RADIUS WAS PROVIDED BY THE EXETER FIRE DEPARTMENT.

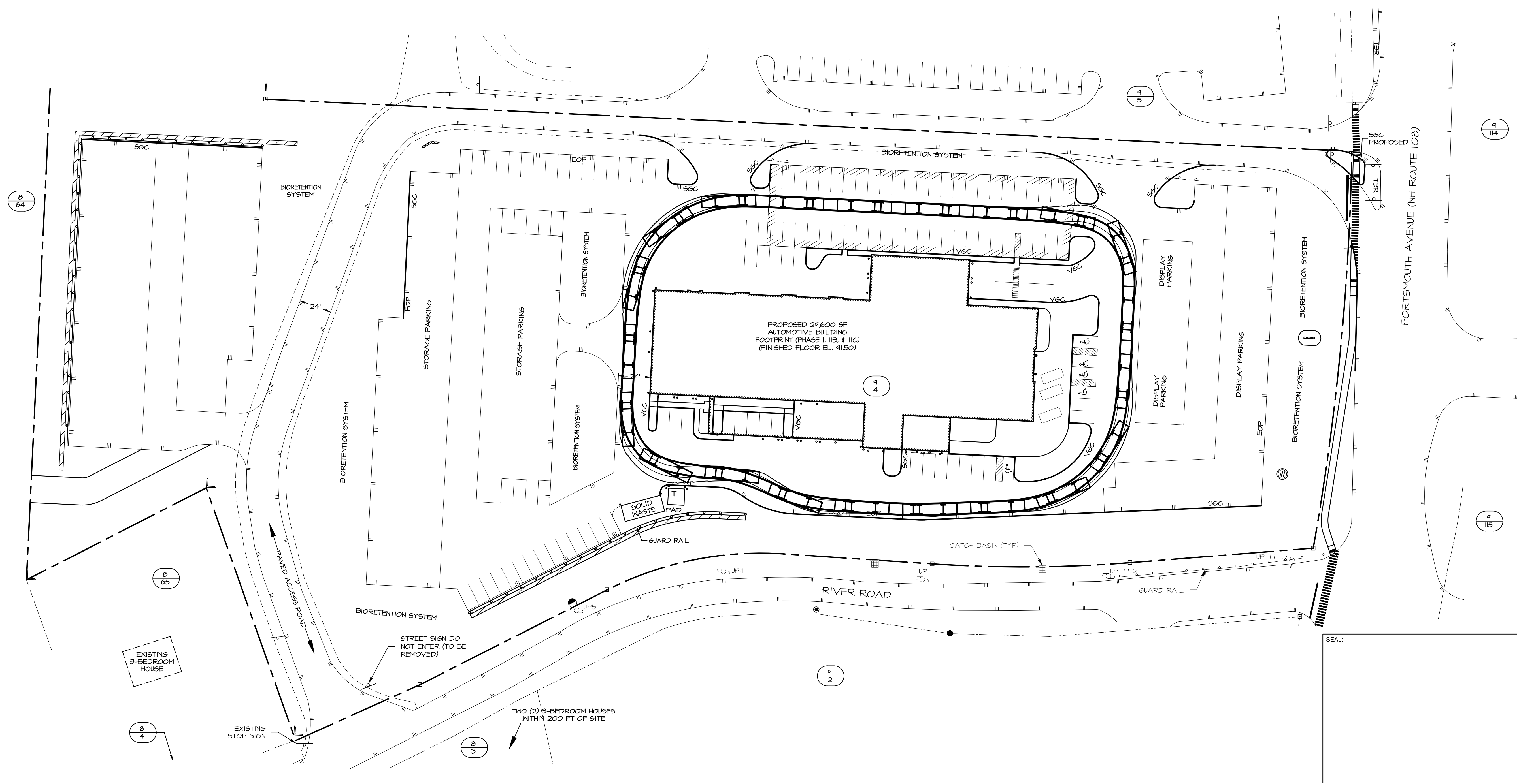
LEGEND

□ NEW HAMPSHIRE HIGHWAY	○ DRAIN MANHOLE
○ BOUND FOUND	○ SERVICE CLEANOUT
○ IRON ROD FOUND	○ SEPTIC LINE
(TYP) TYPICAL	○ DRAIN LINE
--- PROPERTY LINE	○ PROPAANE TANK
--- WETLAND DELINEATION	○ WATER LINE
--- WETLAND SYMBOL	○ WELL
--- SOIL DELINEATION	○ GAS LINE
--- EXISTING CONTOUR	○ SIGN
--- PROPOSED CONTOUR	○ # OF PARKING SPACES
--- PROPOSED SPOT GRADE	○ TREE LINE
--- EDGE OF PAVEMENT (EOP)	○ TREE
--- UNDERGROUND UTILITIES	
--- OVERHEAD UTILITIES	
○ UTILITY POLE	
○ GUY WIRE	

GRAPHIC SCALE
(IN FEET)
1 inch = 40 ft.



- NOTES:**
1. OWNER OF RECORD:
TAX MAP 9, LOT 4
41 PORTSMOUTH AVE LLC
151 PORTSMOUTH AVENUE
EXETER, NH 03833
RCRD BK6613 PG1241
 2. THE INTENT OF THIS PLAN IS TO DEMONSTRATE THAT A LADDER TRUCK HAS FULL TURNING ACCESS AROUND THE BUILDING FOR PHASE I AND PHASE II, WITH 360-DEGREE CIRCULATION SHOWN VIA THE PROVIDED TURNING TEMPLATE.
 2. THE VEHICLE PATH TRACKING FEATURE FROM CARLSON CIVIL 2021 WAS USED TO DEMONSTRATE THE APPROXIMATE VEHICLE PATH. PARAMETERS OF THE FIRE TRUCK INCLUDE A 34-FOOT CENTER TURN RADIUS, AND A 8.33-FOOT-WIDE BY 34.75-FOOT-LONG VEHICLE PER INFORMATION PROVIDED BY THE EXETER FIRE DEPARTMENT.
 3. SEE ECI DRAWING SET COVER SHEET FOR PROJECT GENERAL NOTES.



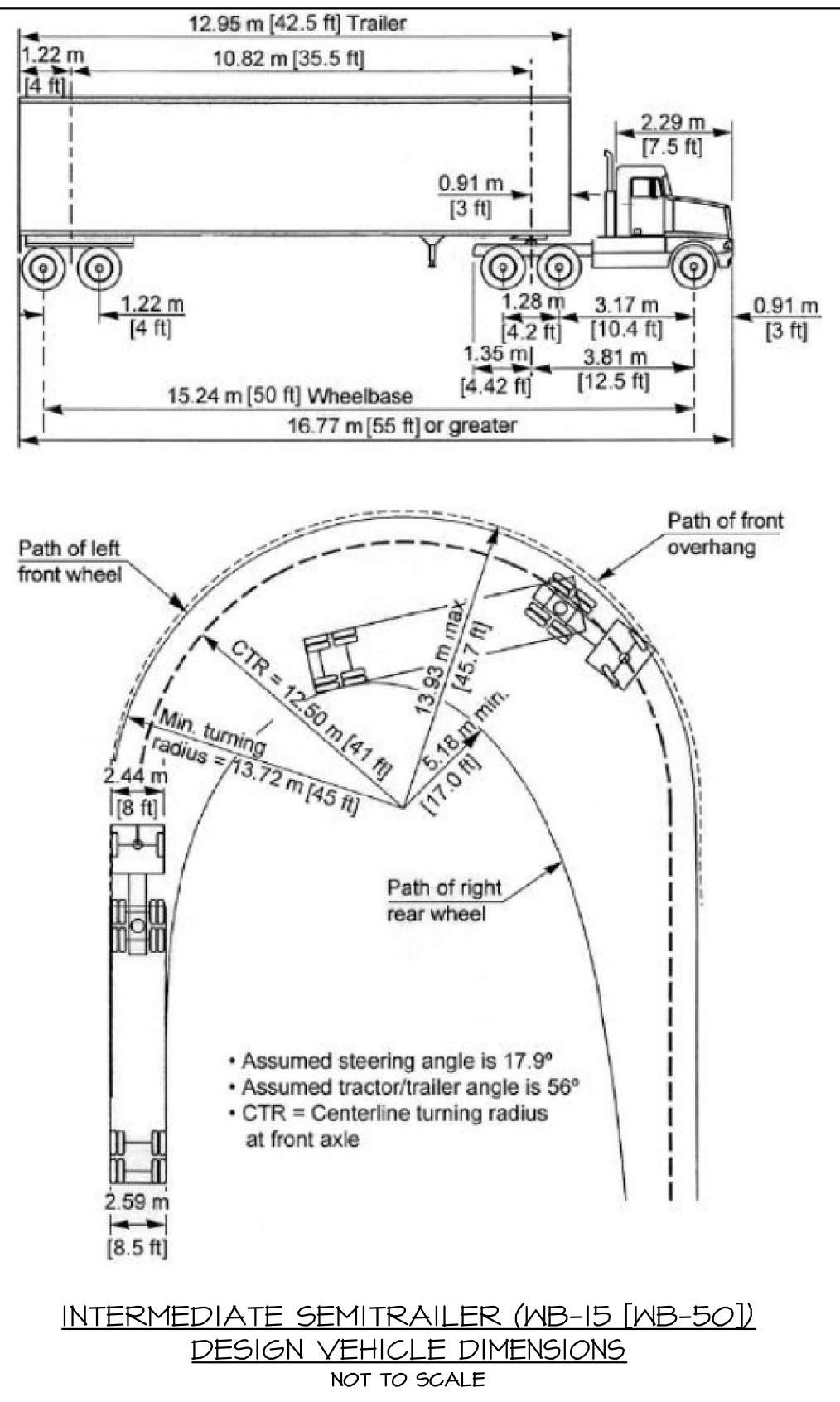
2	JUN 17, 2026	FOR APPROVAL	
1	AUG 8, 2025	FOR APPROVAL	
ISS. DATE:	DESCRIPTION OF ISSUE:		CHK.
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CLIENT:
41 PORTSMOUTH AVE LLC
151 PORTSMOUTH AVENUE
EXETER, NH 03833

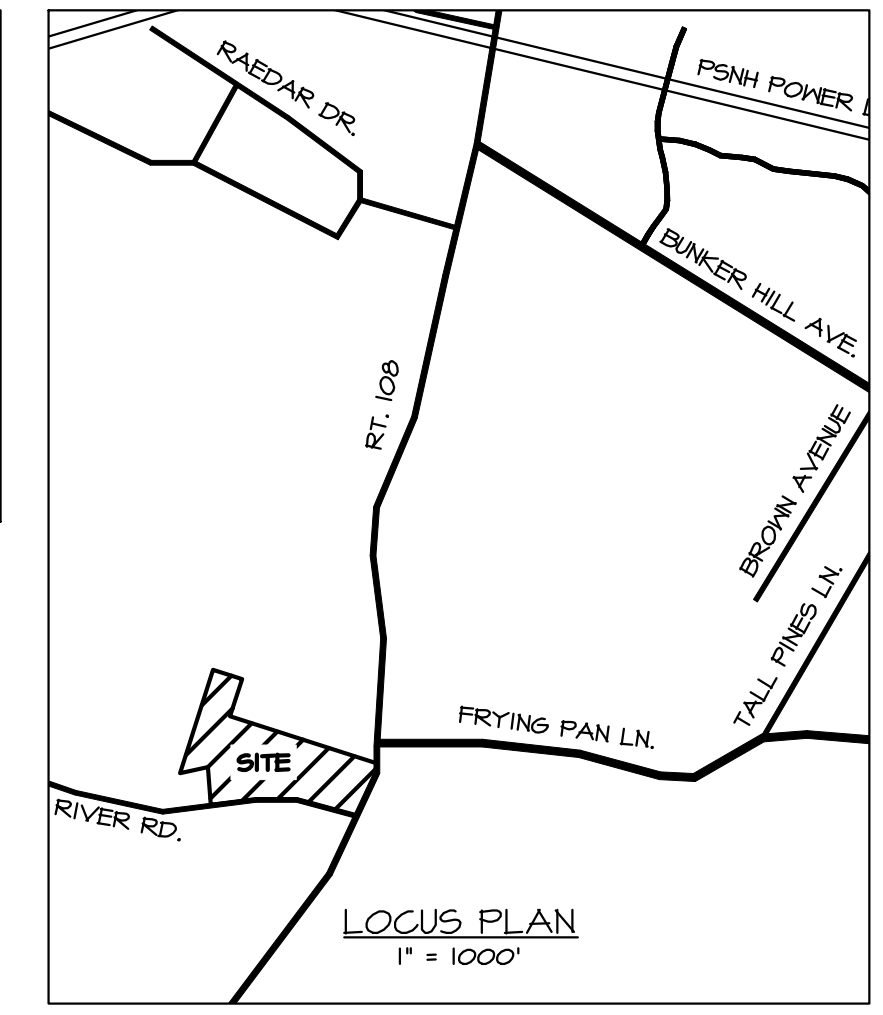
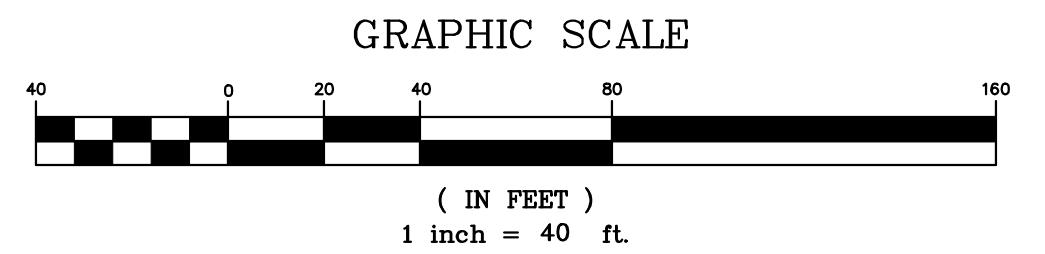
TITLE:
FIRE TRUCK TURNING TEMPLATE SKETCH
FOR
41 PORTSMOUTH AVE LLC
41 PORTSMOUTH AVE (SITE)
(STRATHAM TAX MAP 9 LOT 4)
STRATHAM, NH 03885

PROJECT:	SCALE:	SHEET:
25-1001	1"=40'	SK2

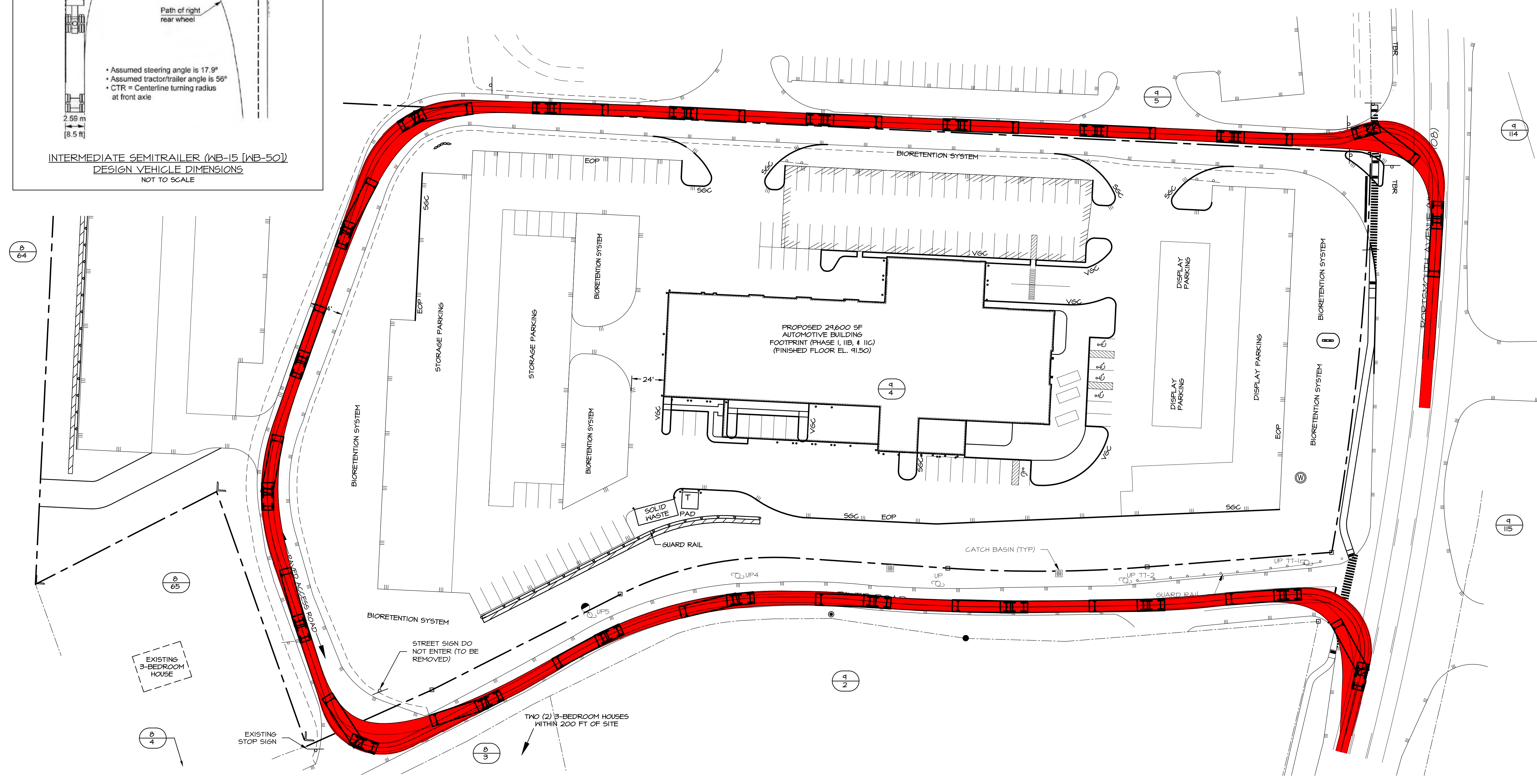


LEGEND

□	NEW HAMPSHIRE HIGHWAY	○	DRAIN MANHOLE
○	BOUND FOUND	○	SERVICE CLEANOUT
○	IRON ROD FOUND	—	SEPTIC LINE
(TYP)	TYPICAL	—	DRAIN LINE
—	PROPERTY LINE	—	PROPANE TANK
—	WETLAND DELINEATION	—	WATER LINE
—	WETLAND SYMBOL	○	WELL
—	SOIL DELINEATION	○	GAS LINE
—	EXISTING CONTOUR	○	SIGN
—	PROPOSED CONTOUR	○	# OF PARKING SPACES
—	PROPOSED SPOT GRADE	○	TREE LINE
—	EDGE OF PAVEMENT (EOP)	○	TREE
—	UNDERGROUND UTILITIES		
—	OVERHEAD UTILITIES		
—	UTILITY POLE		
—	GUY WIRE		



- NOTES:**
- OWNER OF RECORD: TAX MAP 4, LOT 4, 41 PORTSMOUTH AVE LLC, 151 PORTSMOUTH AVENUE, EXETER, NH 03883, RCRD BK6618 PG241
 - THE INTENT OF THIS PLAN IS TO VERIFY THAT AN INTERMEDIATE SEMITRAILER (WB-50) CAN MAKE A LEFT-HAND TURN TO ENTER THE SITE, ACCESS ROAD FOR PHASE I AND PHASE II, TURN ONTO RIVER ROAD, AND EXIT BACK ONTO PORTSMOUTH AVENUE.
 - THE VEHICLE PATH TRACKING FEATURE FROM CARLSON CIVIL 2025 WAS USED TO DEMONSTRATE THE APPROXIMATE VEHICLE PATH. PARAMETERS OF THE TRACTOR TRAILER INCLUDE A 41-FOOT CENTER TURN RADIUS, AND A 8.50-FOOT-WIDE BY 55.90-FOOT-LONG (TOTAL - CAB + TRAILER) VEHICLE PER INFORMATION PROVIDED BY "A POLICY ON GEOMETRIC DESIGN OF HIGHWAYS AND STREETS" (2001) FOURTH EDITION BY AASHTO.
 - SEE ECI DRAWING SET COVER SHEET FOR PROJECT GENERAL NOTES.



SEAL:

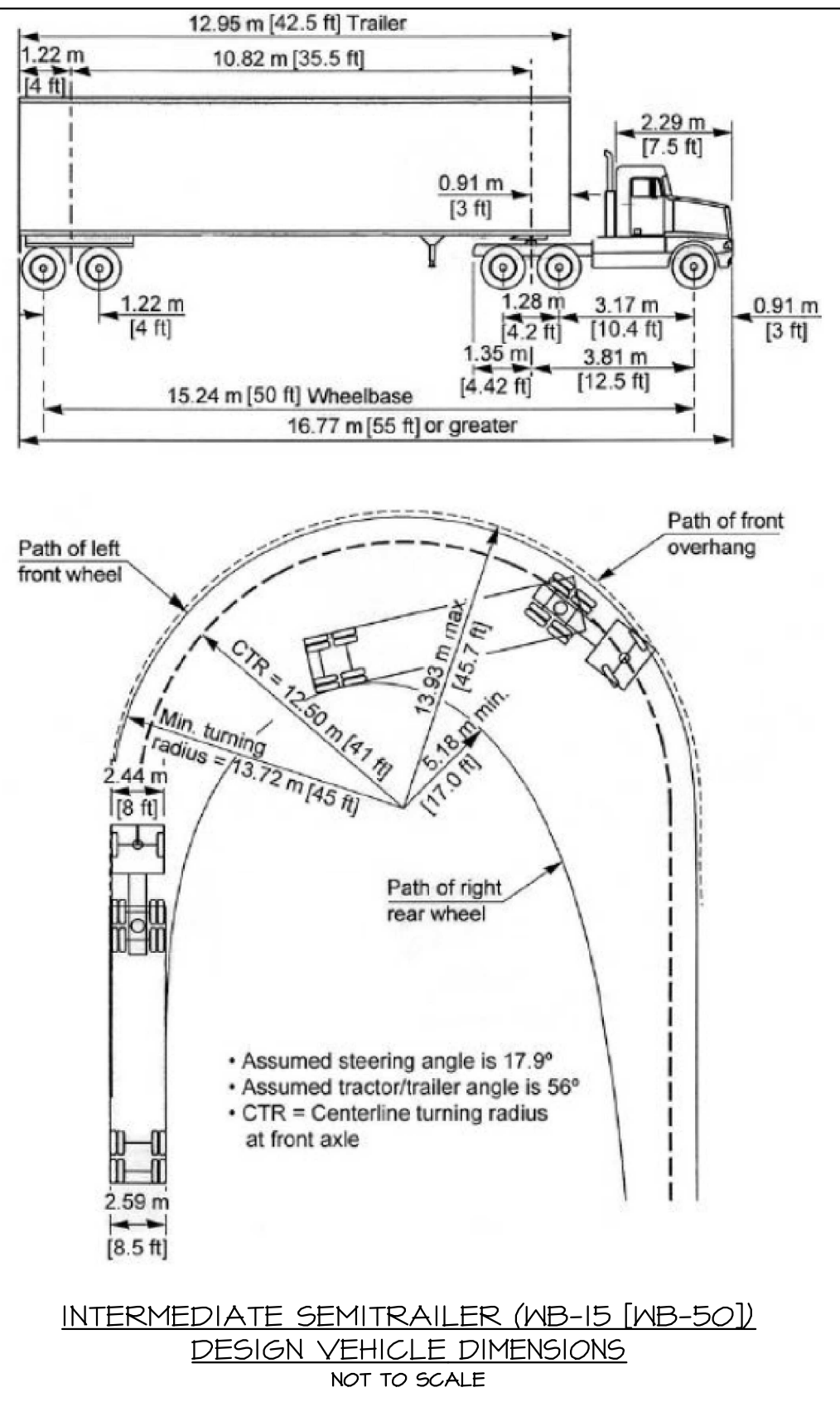
2	JUN 17, 2025	FOR APPROVAL	
1	AUG 8, 2025	FOR APPROVAL	
ISS. DATE:	DESCRIPTION OF ISSUE:		CHK.
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CLIENT:
41 PORTSMOUTH AVE LLC
151 PORTSMOUTH AVENUE
EXETER, NH 03883

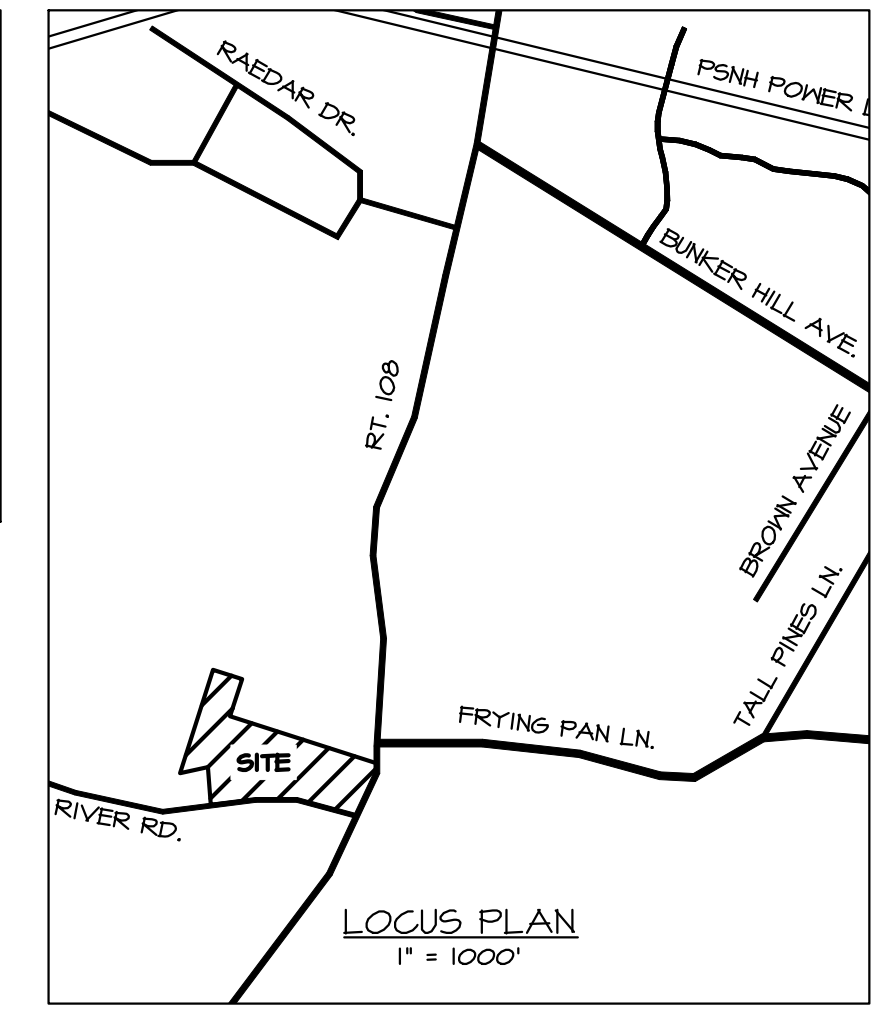
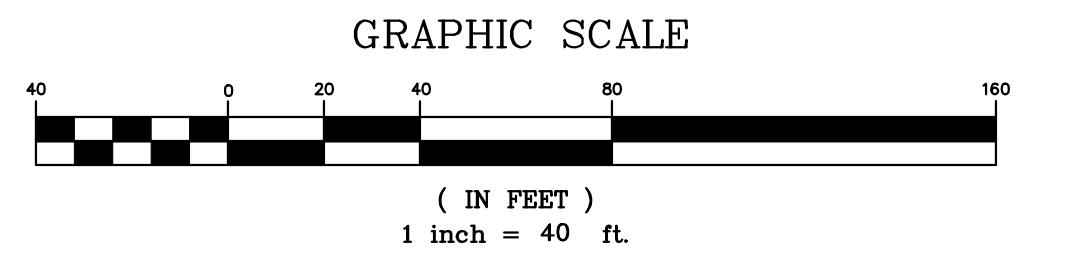
TITLE:
TRACTOR TRAILER (WB-50)
TURNING TEMPLATE SKETCH
(LEFT-IN)
FOR
41 PORTSMOUTH AVE LLC
41 PORTSMOUTH AVE (SITE)
(STRATHAM TAX MAP 9 LOT 4)
STRATHAM, NH 03885

PROJECT:	SCALE:	SHEET:
25-1001	1"=40'	SK3

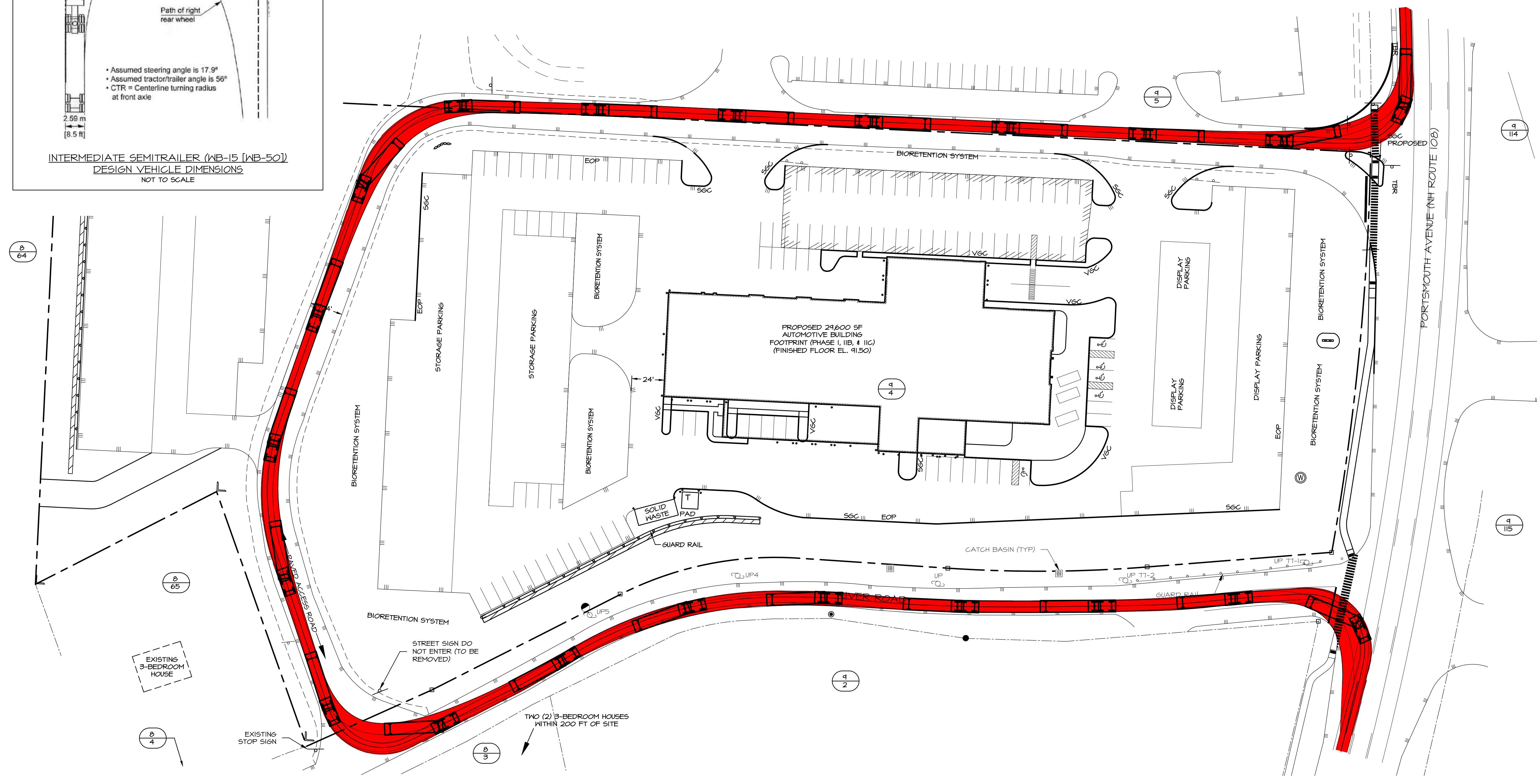


LEGEND

□	NEW HAMPSHIRE HIGHWAY	○	DRAIN MANHOLE
○	BOUND FOUND	○	SERVICE CLEANOUT
○	IRON PIPE FOUND	○	SEPTIC LINE
(TYP)	TYPICAL	○	DRAIN LINE
---	PROPERTY LINE	○	PROPANE TANK
---	WETLAND DELINEATION	○	WATER LINE
---	WETLAND SYMBOL	○	WELL
---	SOIL DELINEATION	○	GAS LINE
---	EXISTING CONTOUR	○	SIGN
---	PROPOSED CONTOUR	○	# OF PARKING SPACES
---	PROPOSED SPOT GRADE	○	TREE LINE
---	EDGE OF PAVEMENT (EOP)	○	TREE
---	UNDERGROUND UTILITIES		
---	OVERHEAD UTILITIES		
---	UTILITY POLE		
---	GUY WIRE		



- NOTES:**
- OWNER OF RECORD: TAX MAP 4, LOT 4, 41 PORTSMOUTH AVE LLC, 151 PORTSMOUTH AVENUE, EXETER, NH 03833, RC RD BK6618 PG241
 - THE INTENT OF THIS PLAN IS TO VERIFY THAT AN INTERMEDIATE SEMITRAILER (WB-50) CAN MAKE A RIGHT-HAND TURN TO ENTER THE SITE ACCESS ROAD, TURN ONTO RIVER ROAD, AND EXIT BACK ONTO PORTSMOUTH AVENUE FOR PHASE I AND PHASE II.
 - THE VEHICLE PATH TRACKING FEATURE FROM CARLSON CIVIL 2025 WAS USED TO DEMONSTRATE THE APPROXIMATE VEHICLE PATH. PARAMETERS OF THE TRACTOR TRAILER INCLUDE A 41-FOOT CENTER TURN RADIUS, AND A 8.50-FOOT-WIDE BY 55.90-FOOT-LONG (TOTAL - CAB + TRAILER) VEHICLE PER INFORMATION PROVIDED BY "A POLICY ON GEOMETRIC DESIGN OF HIGHWAYS AND STREETS" (2001) FOURTH EDITION BY AASHTO.
 - SEE ECI DRAWING SET COVER SHEET FOR PROJECT GENERAL NOTES.



SEAL:

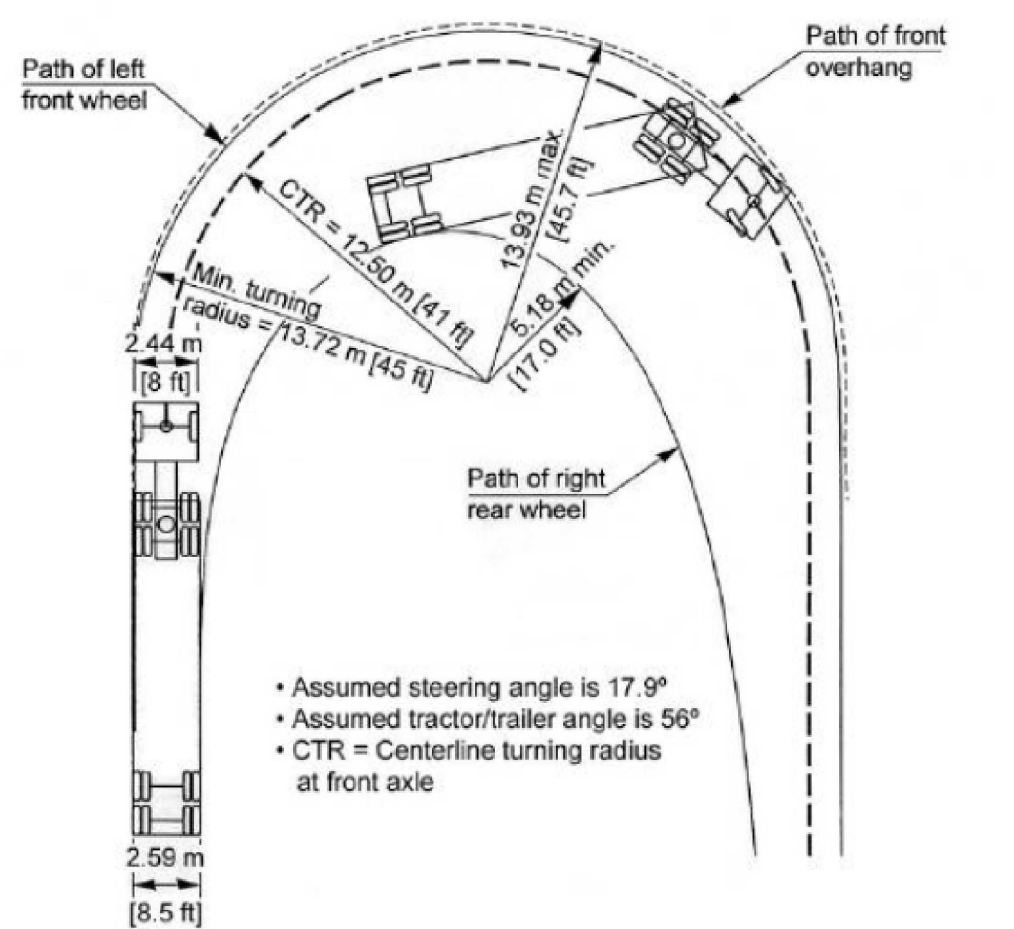
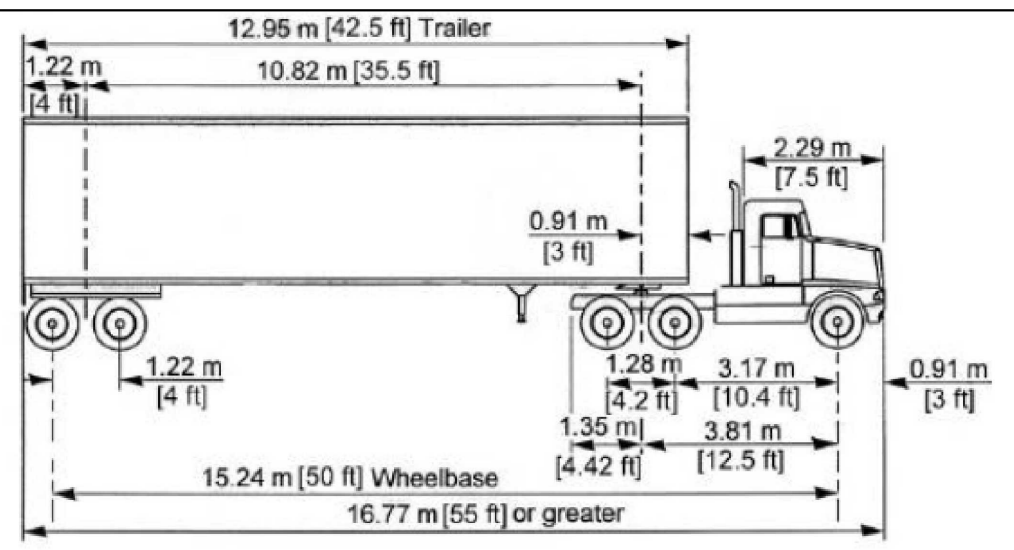
1	JUN 17, 2026	FOR APPROVAL	
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151 PORTSMOUTH AVENUE
EXETER, NH 03833

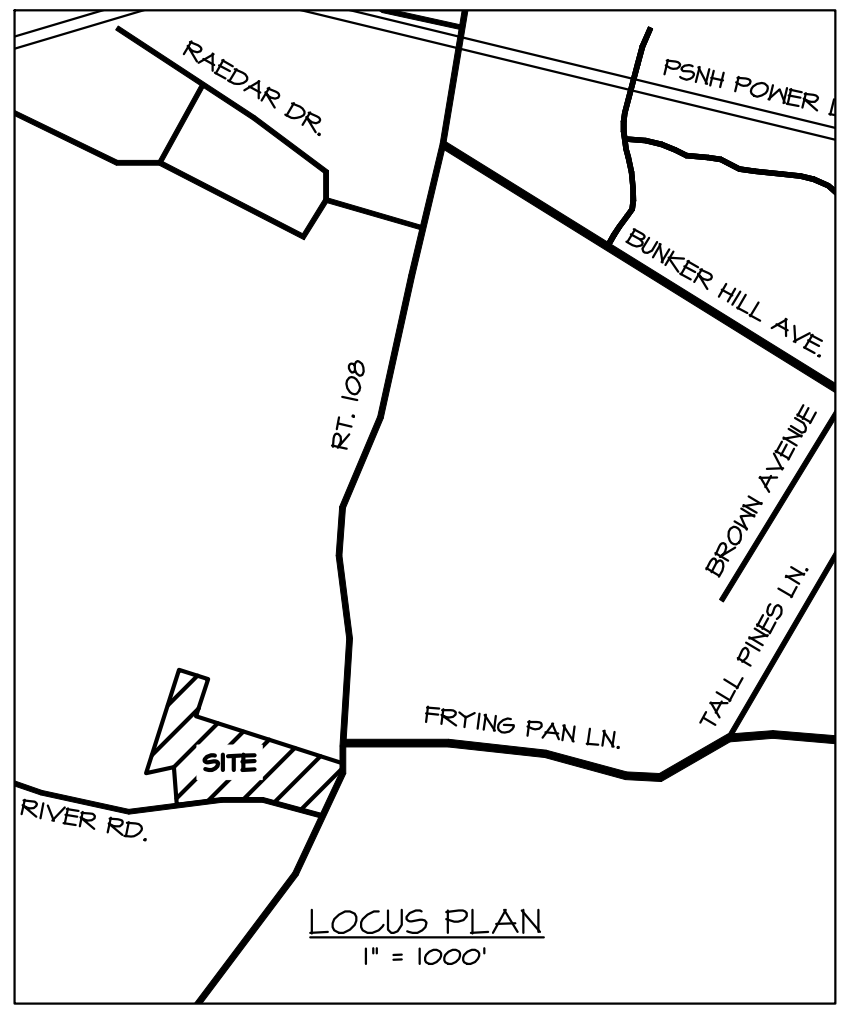
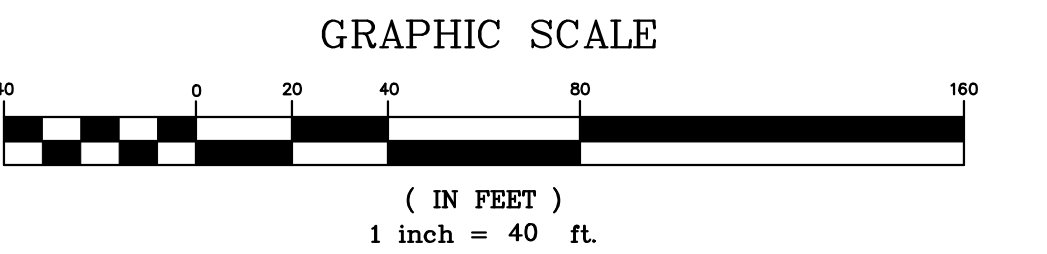
TITLE:
TRACTOR TRAILER (WB-50)
TURNING TEMPLATE SKETCH
(RIGHT-IN)
FOR
41 PORTSMOUTH AVE LLC
41 PORTSMOUTH AVE (SITE)
(STRATHAM TAX MAP 9 LOT 4)
STRATHAM, NH 03885

PROJECT:	SCALE:	SHEET:
25-1001	1"=40'	SK4

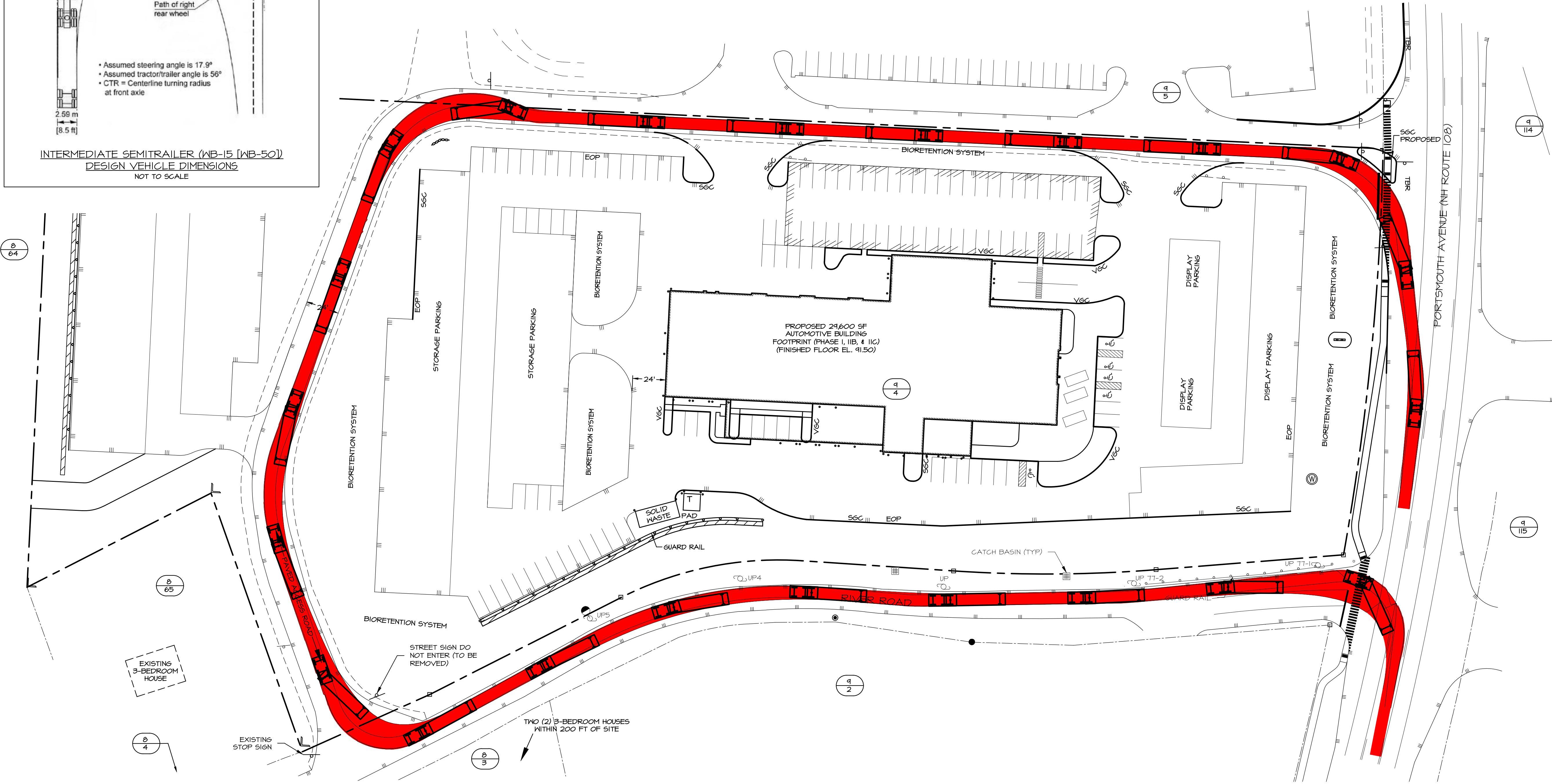


INTERMEDIATE SEMITRAILER (WB-15 [WB-50])
DESIGN VEHICLE DIMENSIONS
NOT TO SCALE

LEGEND	
□	NEW HAMPSHIRE HIGHWAY
○	BOUND FOUND
●	IRON PIPE FOUND
(TYP)	TYPICAL
---	PROPERTY LINE
---	WETLAND DELINEATION
---	WETLAND SYMBOL
---	SOIL DELINEATION
---	EXISTING CONTOUR
---	PROPOSED CONTOUR
---	PROPOSED SPOT GRADE
---	EDGE OF PAVEMENT (EOP)
---	UNDERGROUND UTILITIES
---	OVERHEAD UTILITIES
○	UTILITY POLE
○	GUY WIRE
○	DRAIN MANHOLE
○	SERVICE CLEANOUT
○	SEPTIC LINE
○	DRAIN LINE
○	PROPANE TANK
○	WATER LINE
○	WELL
○	GAS LINE
○	SIGN
○	# OF PARKING SPACES
○	TREE LINE
○	TREE



- NOTES:
- OWNER OF RECORD:
TAX MAP 9, LOT 4
41 PORTSMOUTH AVE LLC
151 PORTSMOUTH AVENUE
EXETER, NH 03833
RCRD BK6613 PG1241
 - THE INTENT OF THIS PLAN IS TO VERIFY THAT AN INTERMEDIATE SEMITRAILER (WB-50) CAN MAKE A RIGHT-HAND TURN TO EXIST THE SITE ACCESS ROAD ONTO PORTSMOUTH AVENUE FOR PHASE I AND PHASE II.
 - THE VEHICLE PATH TRACKING FEATURE FROM CARLSON CIVIL 2025 WAS USED TO DEMONSTRATE THE APPROXIMATE VEHICLE PATH. PARAMETERS OF THE TRACTOR/TRAILER INCLUDE A 41-FOOT CENTER TURN RADIUS, AND A 8.50-FOOT-WIDE BY 55.40-FOOT-LONG (TOTAL - CAB + TRAILER) VEHICLE PER INFORMATION PROVIDED BY "A POLICY ON GEOMETRIC DESIGN OF HIGHWAYS AND STREETS" (2001) FOURTH EDITION BY AASHTO.
 - SEE ECI DRAWING SET COVER SHEET FOR PROJECT GENERAL NOTES.



SEAL:

1	JUN 17, 2026	FOR APPROVAL	
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CLIENT:
41 PORTSMOUTH AVE LLC
151 PORTSMOUTH AVENUE
EXETER, NH 03833

TITLE:
TRACTOR TRAILER (WB-50)
TURNING TEMPLATE SKETCH
(RIGHT-OUT)
FOR
41 PORTSMOUTH AVE LLC
41 PORTSMOUTH AVE (SITE)
(STRATHAM TAX MAP 9 LOT 4)
STRATHAM, NH 03885

PROJECT:	SCALE:	SHEET:
25-1001	1"=40'	SK5