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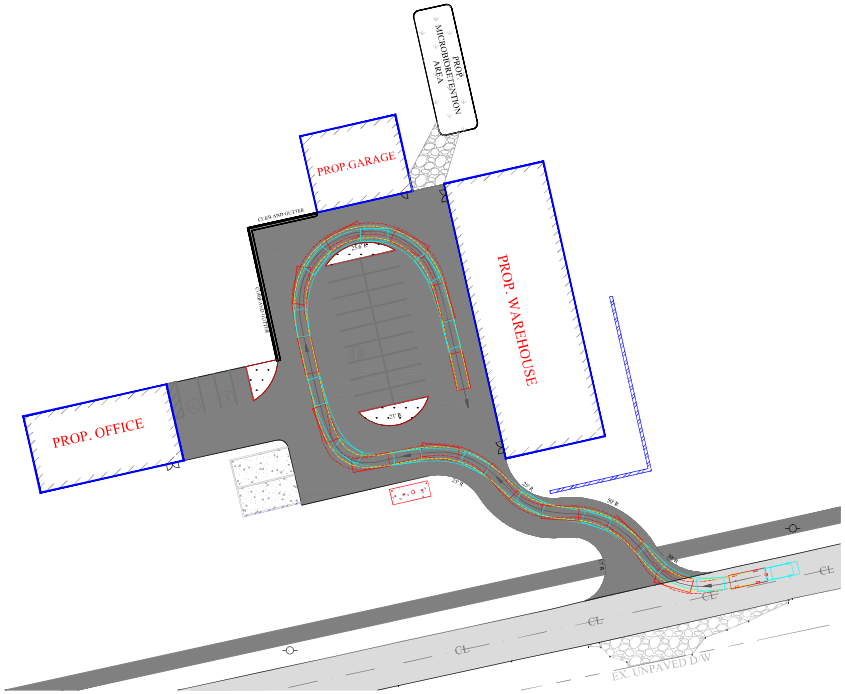
Vehicle Circulation Notes

1. The truck model dimensions are derived from the 2018 American Association of State Highway and Transportation Officials (AASHTO) Design Vehicle Dimensions. The passenger auto model dimensions are based off of a conventional mid-sized sedan specifications.
2. The dimensions of the vehicle models shown hereon are as follows:

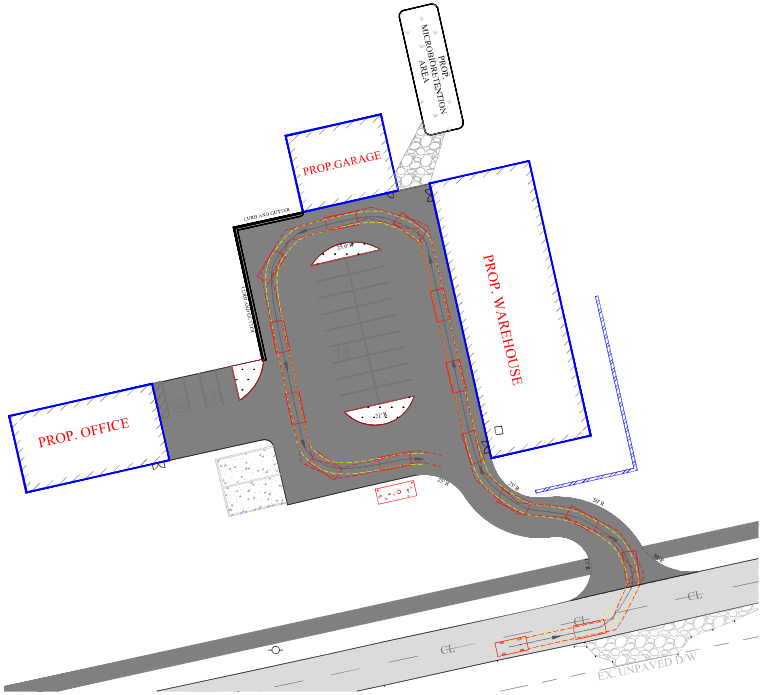
VEHICLE MODEL	LENGTH X WIDTH	WHEEL BASE	TRACKING WIDTH
TRUCK	19' X 7'	11'	6'
UTILITY TRAILER	14' X 6.4'	SINGLE-AXLE N/A	6.2'
PASSENGER AUTO	16' X 6.3'	9.2'	5.7'

3. The trailer tracking shown hereon is projected according to a standard-size 14-foot utility trailer with a 2.7 ton distance from the leading vehicle. Variations in trailer size, tow distance, axle quantity and/or tracking widths and wheelbase distances will alter the projected turn radii and swept paths.
4. As shown hereon, all paths are suitable and do not infringe on parking spaces or buildings.
5. See Fire Access Plan for fire apparatus access routes.



TRUCK & TRAILER PATH
SCALE: 1" = 30'

0' 30' 60' 120'



PASSENGER VEHICLE PATH
SCALE: 1" = 30'

0' 30' 60' 120'

LEGEND
THESE STANDARD SYMBOLS WILL BE FOUND IN THE DRAWING

- MOTOR VEHICLE
- 14-FOOT TRAILER
- FRONT WHEEL TRACK
- REAR WHEEL TRACK
- TRAILER TRACK

Professional Certification

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland, License No. 42417, Expiration Date: June 6, 2026.

Developed by

Douglas G. Tilley — 42417
DESIGN ENGINEER SIGNATURE — MD LICENSE #
Douglas G. Tilley — 7/2/2025
PRINTED NAME — DATE

STATE OF MARYLAND — DOUGLAS G. TILLEY — 42417 — PROFESSIONAL ENGINEER
7/2/2025

Plat Datum #2/68L
NAVD 88

O'C&L
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P4201
PLEASANT PLAIN
14301 COMUS ROAD
LIBER 10832, FOLIO 91
TAX MAP EW12
2ND ELECTION DISTRICT
MONTGOMERY COUNTY, MARYLAND

CONDITIONAL USE PLAN - EXHIBIT 11O
VEHICLE CIRCULATION EXHIBIT

ITEM	REVISION	DATE	BY

DESIGN BY:	RP
DRAWN BY:	RP
CHECKED BY:	DGT
DATE:	7/2/2025
SCALE:	1" = 30'
PROJECT FILE NO.:	018-016
SHEET NO.:	1 of 1

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