PROPOSED NEW DRIVEWAY AT 21755 LAKE RD ROCKY RIVER, OH



SPECIFICATIONS: 6" AT STREET APRON AND WITHIN R.O.W.

4" ALL OTHER AREAS

6X6 #10 WWM THROUGHOUT

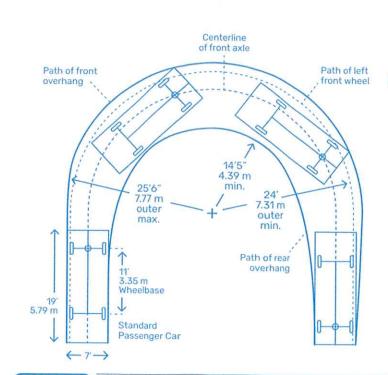
3000 PSI, AIR ENTRAINED THROUGHOUT

COMPACTED FILL ON UNDISTURBED FIRM SUB SOILS

P/L 65' EX'G CONC. DRIVEWAY PORTION TO REMAIN EX'G PATIO GARAGE .84 HOUSE 160. EX'G 9' CONC. DRIVEWAY PORTION TO BE REMOVED AND REPLACED P/L 65.32' **LAKE ROAD**

EXISTING 1 in = 30 ft

Passenger Turning Path - 180°



Description

The 180° turning path of a passenger vehicle measures the minimum possible turning radius for use when designing spaces for u-turns or turn-arounds within streets, parking lots, drop-offs, or service areas. Turning paths can use either curb-to-curb or wall-to-wall measurements based on whether the turning circles are calculated based on the outer tire or the outer front overhand. Additional clearances should be provided whenever possible to accommodate a larger variety of car sizes and driver abilities.

Dimensions & Sizes

Measuring the inner and outer radii of the 180° turn, a minimum inner radius of 14'5" (4.39 m) and minimum outer radius between 24'-25'6" (7.31-7.77 m) should be provided throughout the turn.

402.2.1 Materials for concrete. Materials for concrete shall comply with the requirements of Section 608.5.1.

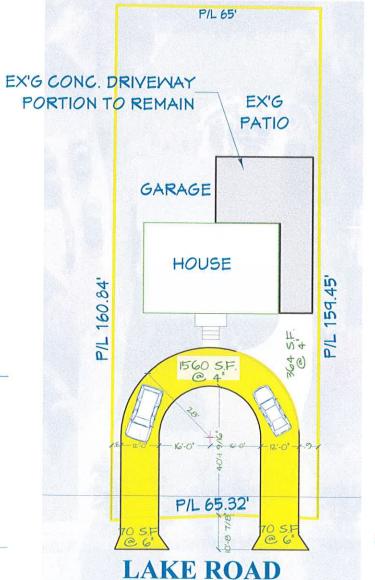
TYPE OR LOCATION OF CONCRETE CONSTRUCTION	MINIMUM SPECIFIED COMPRESSIVE STRENGTH * (f') Weathering Potential h		
	Basement walls, foundations and other concrete not exposed to the weather	2,500	2.500
Basement slabs and interior slabs on grade, except garage floor slabs	2,500	2,500	2,500 °
Basement walls, foundation walls, exterior walls and other vertical concrete work exposed to the weather	2,500	3,000 d	3,000 d
Porches, carport slabs and steps exposed to the weather, and garage floor slabs	2,500	3.000 4.6.1	3,500 des

- For SI: 1 pound per square inch = 6.895 kPa.

 a. Strength at 28 days psi.
- See Table 301.2(1) for weathering potential
- Concrete in these locations that is subject to freezing and thawing during construction shall be air-entrained concrete in accordance with Footnote d.
- d. Concrete shall be air-entrained. Total air content (percent by volume of concrete) shall be not less than 5 percent or more than 7 percent.
- See Section 402.2 for maximum comentitious materials content.

 For garage floors with a steel-troweled finish, reduction of the total air content (percent by volume of concrete) to not less than 3 percent is permitted if the specified compressive strength of the concrete is increased to not less than 4,000 psi.

(EXCERPT FROM 2019 R.C.O.)





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PROPOSED 1 in = 30 ft

PROPOSED NEW DRIVEWAY AT 21755 LAKE RD ROCKY RIVER, OH ADJACENT PROPERTIES PHOTOS FOR BZA

