

2. Pile length = 25 ft (It may change if soil condition is different with the one RTE

4. Only gravity loads were considered in the design. The slope stability was not considered. Design assumes slope will remain stable and provide ample lateral force

5. Design assumes slope will remain stable and provide ample lateral force stability to

6. Piles were assumed to be socketed into a hard layer (i.e., limestone, sandstone, or shale) for 3 ft. If the top of the hard layer is highly-weathered or the drilling at a depth of 22 ft does not reach the hard layer, RTE should be contacted.

7. Possible expansive soil effect was not considered.

8. Design assumes the total settlement to be less than $\frac{3}{4}$ ".

9. Soil report or any soil test results were not provided to RTE. Soil properties adopted in the design were assumed by RTE engineers based on the site observation and local

1. Locations of concrete pads were obtained from foundation plan drawings provided by Capital Construction Service, LLC dated on 02/20/2018. Field verify is required.

3, Material: Reinforcing ASTM A615 Gr, 40 or Gr. 60, Concrete Strength : fc = 3000 psi minimum. Grout Strength f^{*}c = 3000 psi minimum.

4. Pile Reinforcement: (4) #4 for the whole length of the pile. Place reinforcement 90° around perimeter of pile w/ minimum 3" of cover. Extend longitudinal bars 60" at the 16"x 8" footings and 86" at the 36"x16" footing beyond top of pier and field bend, or add bent

5. 5" Slab reinforcement: #4 at 12" o.c. both ways on 1.5" chairs. Cut control joints in a 10'

7. Wall reinforcement with #4 bars vertical at 12"o.c. and #4 bars horizontal at 24" o.c.

8. Lap continuous bars 40 x diameter of bar (#4 20 in., #5 25 in)

is to be provided by	others.
	PROJECT: Foundation Design 4071NE Timberlake Drive, Lee's Summit, MO 64064
	CLIENT: PTM Engineered Foundation Construction Shawnee, KS 66286
ogies Inc	
SUITE 100 66204	DATE: 23 April 2018
FAX (913)385-7152 ogies, Inc.	REVISED:
: FW	



MIN. 4" OF ₹"CLEAN AGGREGATE BASE

FOOTING SIZE PER PLAN

	RYAN A.COREY NUMBER STORE (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)
	PROJECT: Foundation Design 4071NE Timberlake Drive, Lee's Summit, MO 64064
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50112 100 66204 EAX (013)385 7152	
logies, Inc.	REVISED:
R: FW	SHEET: FD-02

