

**general notes**

- Double keyed locks are not permitted on any required or marked exit.
- Exit/emergency lighting are subject to an on site inspection.
- Furnish and install fire sprinkler protection per NFPA #13.
- Furnish and install 9" address numbers on the front & rear of building.
- Monitoring (w/ lockbox) of the fire sprinklers by an approved central station & audio/visual alarms in rest rooms & general usage areas will be required if more than 100 heads are provided throughout building.
- HVAC system to have approved interconnected, smoke detector activated, automatic shutoffs with the detectors located in the return duct.
- HVAC rooftop units shall have an accessible G.F.C.I. outlet per code.
- Building construction must fully comply with all requirements of ADA accessibility guidelines.
- Provide 3 1/2" batt insulation between conditioned & unconditioned spaces.
- Exit doors shall be operable from the inside without the use of a key or any special knowledge or effort.
- Provide electrical outlets @ 15' a.f.f. to the lowest outlet per ADA.
- Areas with drive-in doors require ventilation of at least 1.5 CFM per gross square foot of floor area with an equal amount of make-up air.
- Storage height is limited to 12' unless sprinkler & smoke evacuation systems are designed for high pile combustible storage (unless storage is < 12,000 sq. ft.).
- Furr around pipes / columns per construction documents.
- Provide at least one cabinet in upper casework with bottom shelf at 48" a.f.f. max. per ADA.
- Egress illumination shall be provided at an intensity of not less than 1 foot candle at floor level & at the exterior of the building.
- Provide 44" min. clear in all exit passageways.
- All new exterior utility service equipment shall be painted to match the building standard color(s).
- Furnish and install horns and strobes as required. Fire alarm design to be by design-build contractor. Contractor to submit fire alarm design/drawings to City of Lee's Summit for approval as needed.
- All electrical outlets within 6' of any sink or water source to be GFCI protected.
- Construction materials exposed within plenums shall be noncombustible or shall have a flame spread rating of not more than 25 and a smoke developed rating of not more than 50.
- All low voltage wire and cable, optical fiber, pneumatic tubing, and all ducts and duct coverings, linings and connectors install within plenum areas must be rated for plenum use.
- Furnish and install approved Knox Box per Fire Department requirements.
- The fire alarm system for the facility shall not be a proprietary system.

**construction notes**

- Furnish and install floor drains with removable debris baskets @ wash bays. Tie drain into oil/sand interceptor. Coordinate with plumbing plans by others.
- Furnish and install trench floor drain system with oil / sand interceptor. Tie into sanitary as required. Coordinate with plumbing plans by others.
- Furnish and install water resistant wash bay light fixtures per MEP.
- Slope floor to trench & floor drain system. See appropriate floor elevation notes.
- Coordinate location of lights & heating equipment with car lift(s) and equipment (typ.).
- Office furniture to be provided by owner.
- Furnish and install full height curtain, account for load in structural drawings.
- Furnish and install high-low drinking fountain with bottle fill and drinking spout at 36" a.f.f. max. per ADA and MEP drawings.
- Furnish and install laundry/wash basin sink. Coordinate with plumbing drawings.
- Furnish and install data/voice rough-in throughout per owner requirements (typ.).
- Furnish and install mechanical ventilation as required per general note number 12.
- Furnish and install 3A-40BC wall-mounted fire extinguishers (min 5 lbs.) at service and parts - mounted no higher than 5' to top of extinguisher. Verify final location with Fire Marshal and confirm with architect.
- Furnish and install 30"x36" roof hatch and ladder per detail.
- Employee shower, coordinate with plumbing drawings.
- Not used.
- 2 x 2 keyed access door.
- Furnish and install concrete bollards at interior and exterior sides of o.h. door (or where noted elsewhere) per detail.
- Location of service post.
- Furnish and install fire sprinkler riser.
- Water service entrance to building per civil.
- Sanitary sewer entrance to building per civil.
- Electrical service entrance to building per civil.
- Not used.
- Gas service entrance to building per civil.
- Furnish and install wall and/or door signage as required per code and ADA. Refer to door schedule and owner requirements for individual room signage labeling (typ.).
- Furnish and install D.H. door control panel per owner requirements.
- 30,000# in-ground lift. Coordinate concrete pit req. with equipment supplier.
- 18,000# post lift. Coordinate with equipment supplier.
- 18,000# short post lift. Coordinate with equipment supplier.
- 12,000# post lift. Coordinate with equipment supplier.
- Alignment rack. Coordinate with equipment supplier.

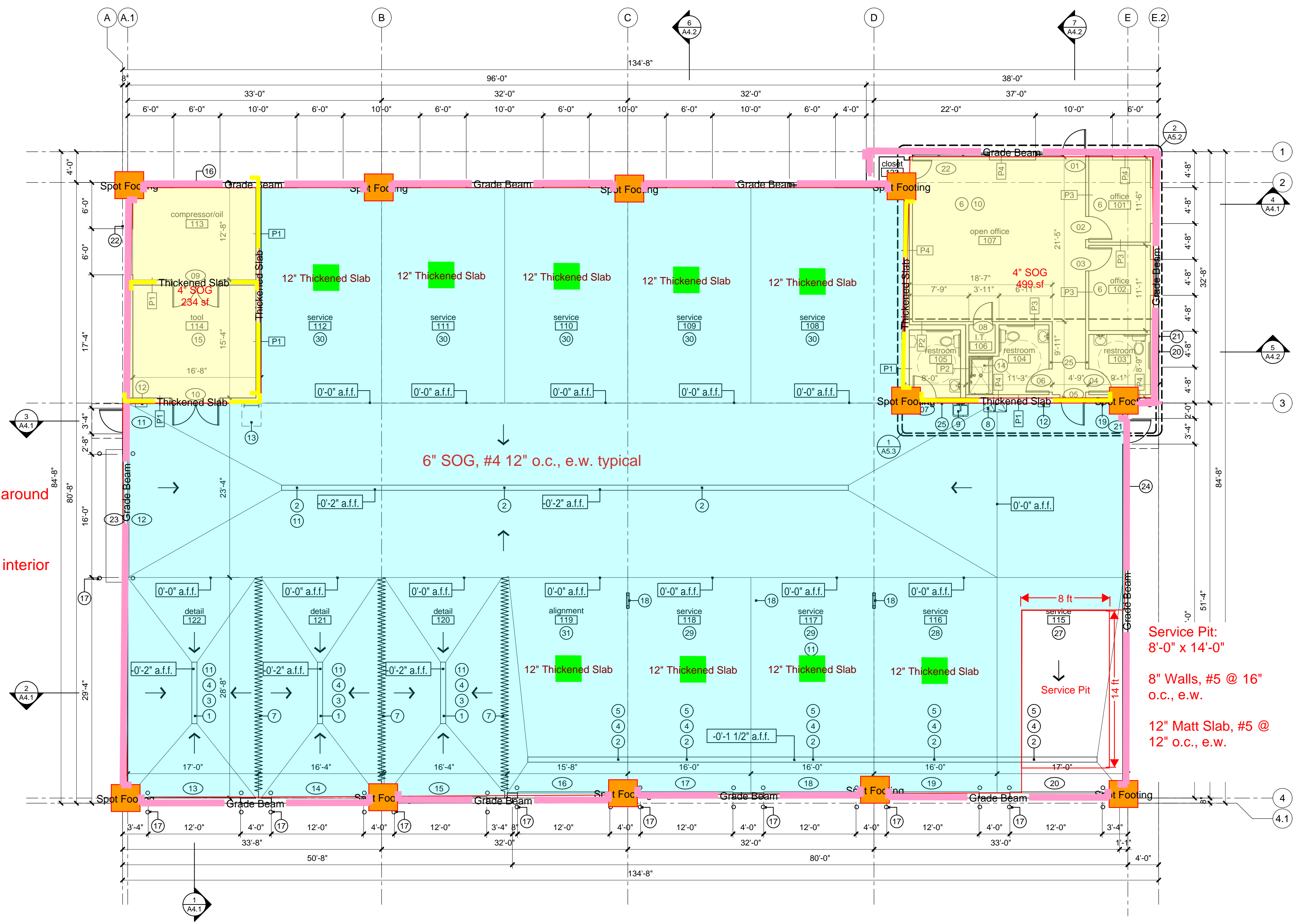
**partition legend**

- P1** full height 8" thick CMU wall:  
full-height 8" thick CMU wall to deck with integral water repellent admixture in block and mortar  
\*reinforcing and grouting per structural, epoxy painted  
\*CMU at door jambs and exposed outside corners to have rounded outside corners
- P2** 12'-0" high 8" thick CMU wall:  
12'-0" high 8" thick CMU wall with integral water repellent admixture in block and mortar, cap with solid CMU  
\*reinforcing and grouting per structural, epoxy painted  
\*CMU at door jambs and exposed outside corners to have rounded outside corners
- P3** Insulated office partition:  
3 5/8" metal studs at 16" o.c. with 5/8" gypsum board on each side to 6" above ceiling with sound attenuation insulation. Stud gauge per supplier.
- P4** Interior wall furred out:  
3 5/8" metal studs at 16" o.c. with 5/8" gypsum board to 6" above ceiling. Stud gauge per supplier.

**1'-8" x 3'-0" Grade beam around perimeter  
#4 @ 12" o.c., each face**

**12" thickened slab under interior CMU walls**

**Spot Footings:  
3'-0" x 3'-0" x 2'-0"  
#5 @ 12" o.c.**



**Service Pit:  
8'-0" x 14'-0"**

**8" Walls, #5 @ 16"  
o.c., e.w.**

**12" Matt Slab, #5 @  
12" o.c., e.w.**

a new building for  
**McCarthy Service**  
1000 SE Century Drive  
Lee's Summit, Missouri

date 05.02.2018  
drawn by WJD  
checked by DAE  
revisions

sheet number  
**A2.1**  
drawing type permit  
project number 18014

**1** floor plan  
scale: 1/8" = 1'-0"  
north