

KDW ENGINEERING, LLC

By KDW

Date 13 June 07

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NEODESHA, KANSAS 66757

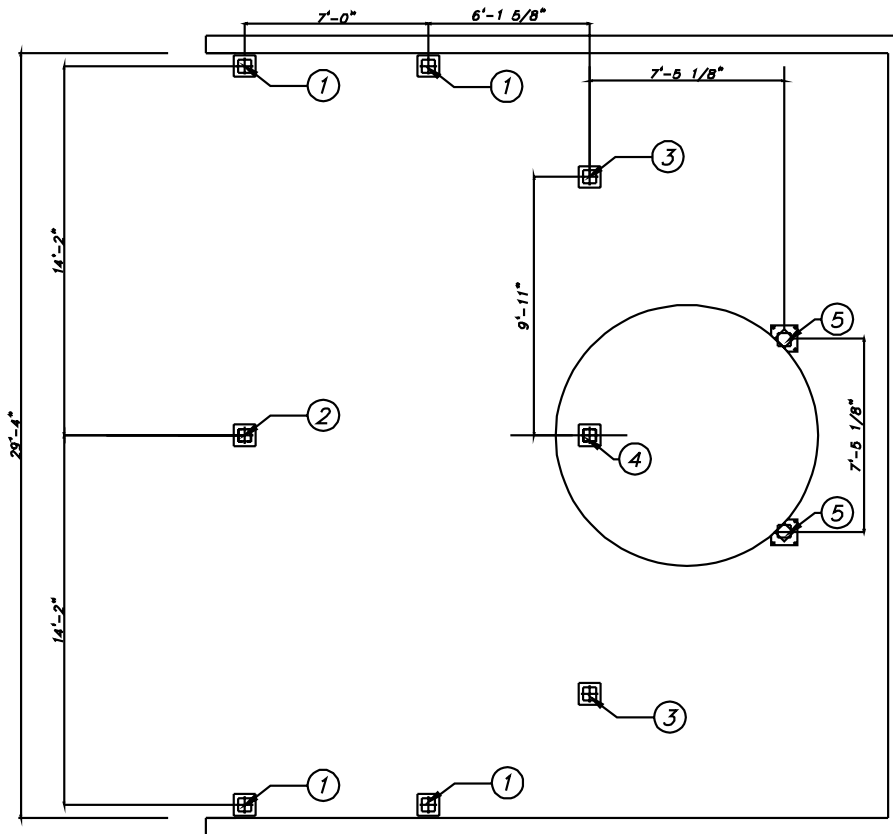
Customer NEW EQUIPMENT

Job. No. CE0001 Location Neodesha, Kansas

Sht. No. _____ of _____

Support Structure for Spent Coffee Storage

CONCRETE LOADS



PLAN VIEW

LOAD POINT	DEAD LOAD	LIVE LOAD	SEISMIC	
			AXIAL	SHEAR
1	14 KIPS ↓	120 KIPS ↓	208 KIPS ↑	32 KIPS →
2	14 KIPS ↓	120 KIPS ↓	208 KIPS ↑	32 KIPS →
3	14 KIPS ↓	120 KIPS ↓	208 KIPS ↑	32 KIPS →
3	14 KIPS ↓	120 KIPS ↓	208 KIPS ↑	32 KIPS →
5	14 KIPS ↓	120 KIPS ↓	208 KIPS ↑	32 KIPS →

- ALL LOADS IN KIPS
- LOADS HAVE NO SAFETY FACTORS
- LOADS ARE BASED ON $S_{DS} = .88$, $S_{D1} = .43$
- SEISMIC DESIGN CATEGORY "D"
- SEISMIC LOAD INCLUDES OPERATING CONTENTS TANK FULL