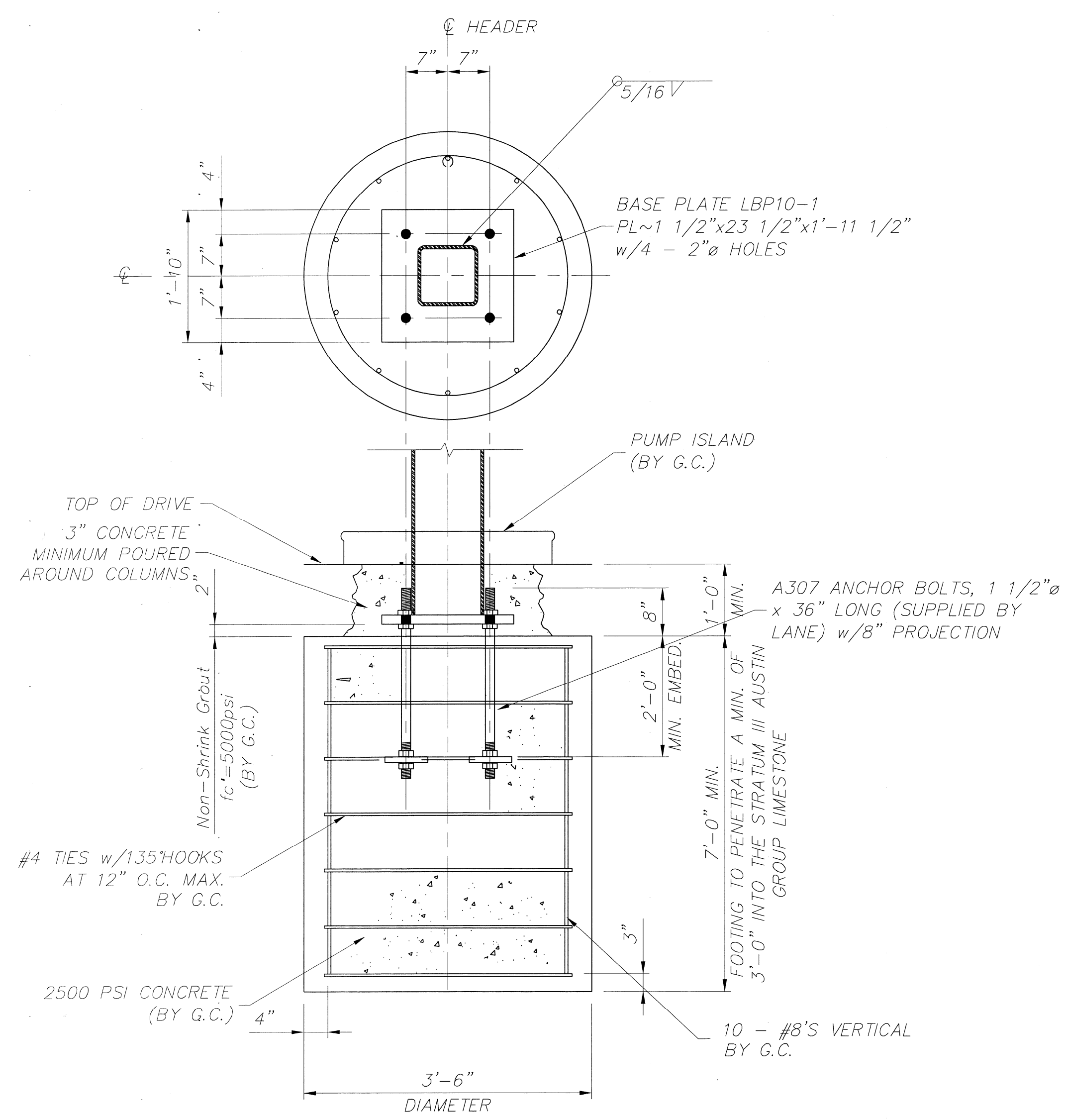


NO.	DATE	REVISIONS	CHK'D
0	2/28/2014	PERMIT/BID SET	JH

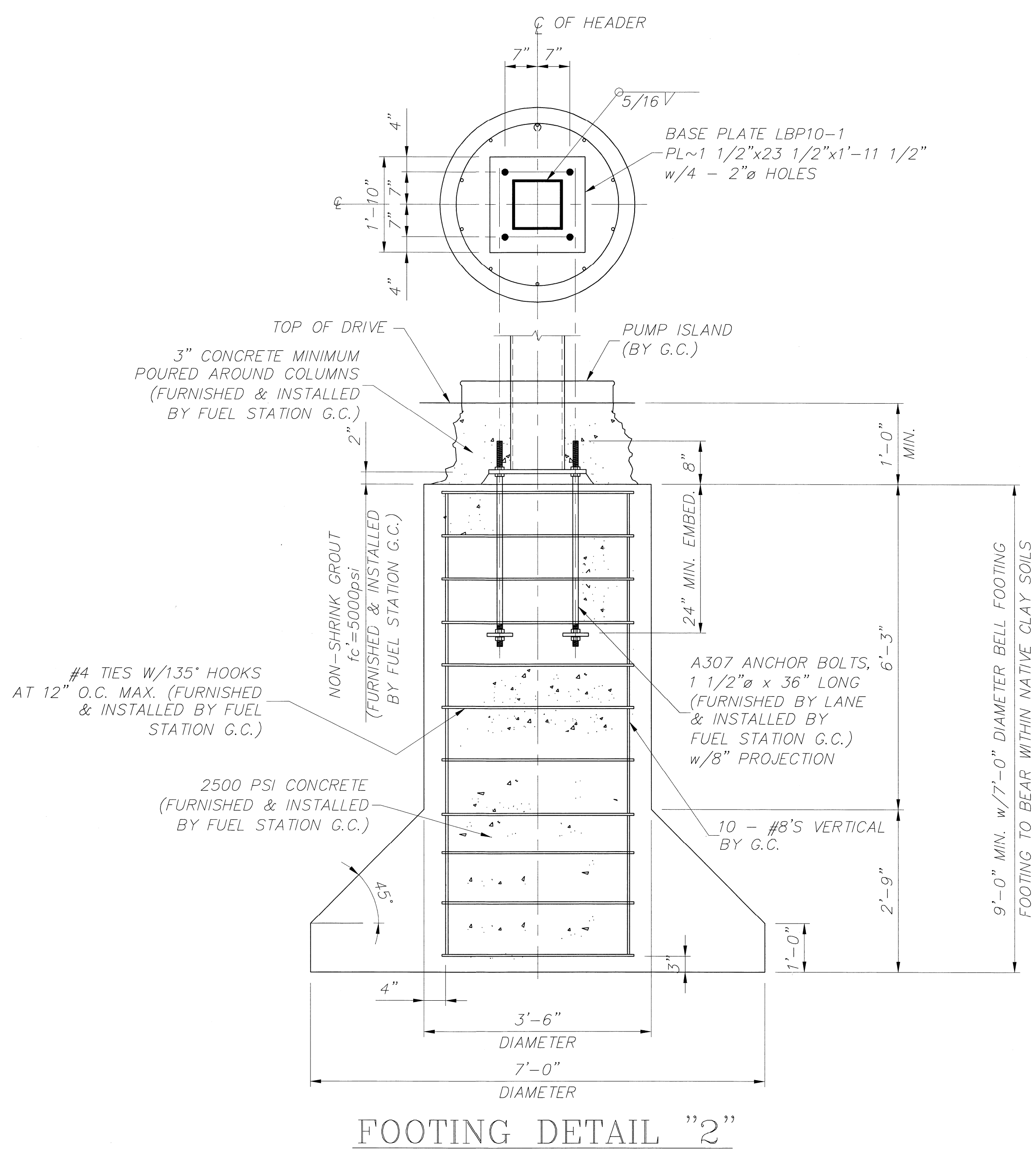
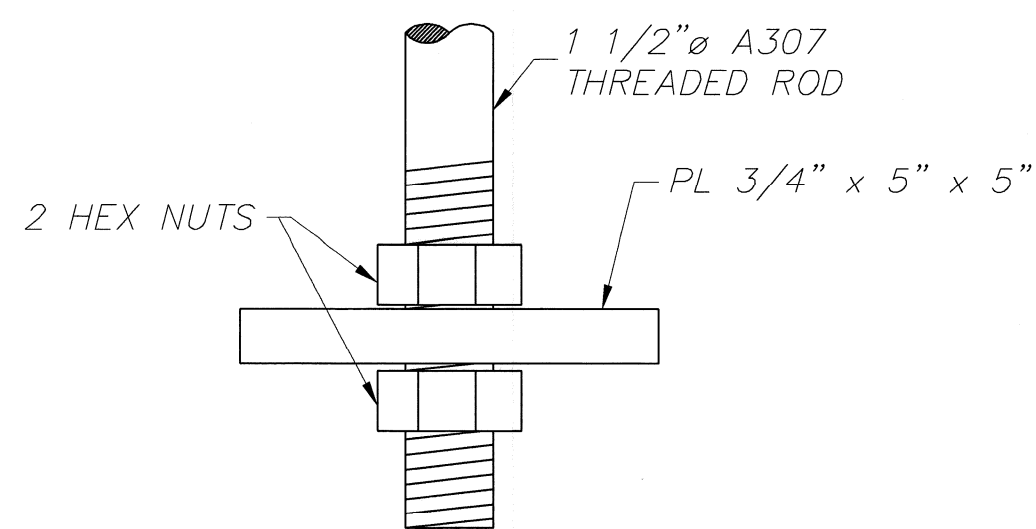
LSC: 51507
DRAWN BY: JH
CHECKED BY:
DATE: 2/24/2014

CIRCLE K STORES, INC.
CIRCLE K FUEL CANOPY
WEST PECAN STREET & SARAH'S CREEK DRIVE
PFLUGERVILLE, TX
42'-10" X 150'-2" CANOPY

SHEET TITLE
CA - 2.1



FOUNDATION TO BE INSTALLED PER
GEOTECHNICAL REPORT BY:
TERRACON CONSULTANTS, INC.
TERRACON PROJECT NO. 96135184
DATED: OCTOBER 25, 2013



DESIGN LOADS:
DEAD LOAD = 3 P.S.F.(DECK + LIGHTS) +
WEIGHT OF STRUCTURAL COMPONENTS
LIVE LOAD = 20 P.S.F.
WIND LOAD V_{ULT} = 115 M.P.H. EXP. C
WIND LOAD V_{ASD} = 89 M.P.H. EXP. C
BLDG CODE = 2012 IBC
EQUIVALENT LATERAL FORCE PROCEDURE
LATERAL FORCE RESISTING SYSTEM = CANTILEVERED COLUMN
SYSTEM-ORDINARY STEEL MOMENT FRAME
SITE CLASS = D
SS (0.2) = 0.06
S1 (1.0) = 0.04
SDS = 0.07
SD1 = 0.06
FA = 1.60
FV = 2.40
R = 1.25
IMPORTANCE FACTOR = 1.0
RISK CATEGORY = II
SEISMIC DESIGN CATEGORY = A
CS = 0.055
CONSTRUCTION TYPE = IIB
OCCUPANCY CATEGORY = M
TOTAL SEISMIC BASE SHEAR BOTH DIRECTIONS = 2.4 KIPS