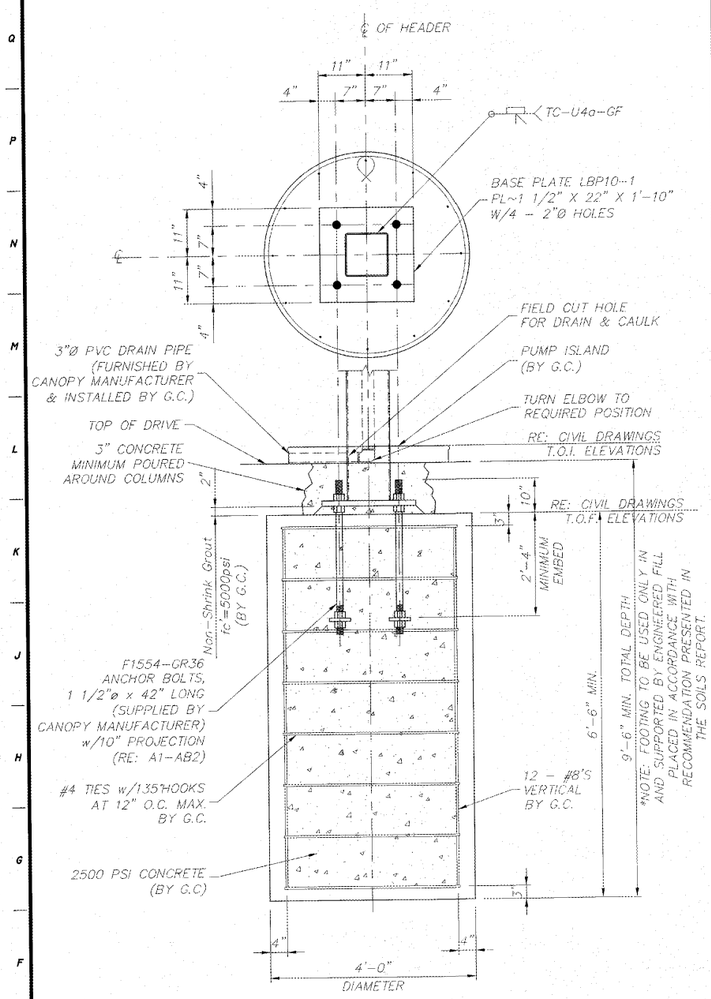
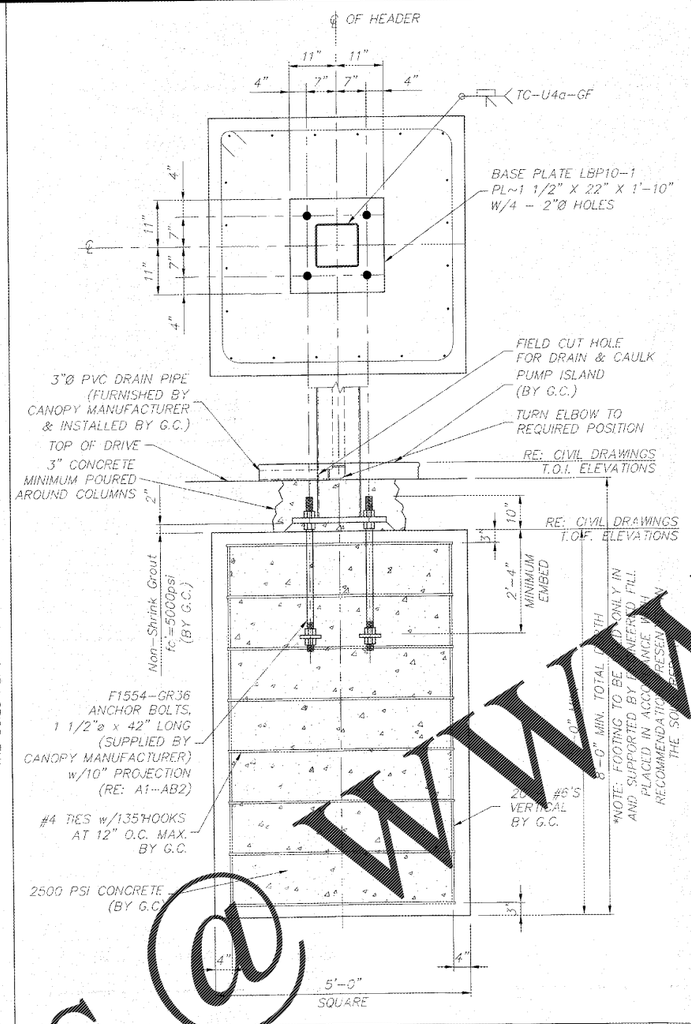



EI ROUND FOOTING OPTION

N.T.S FI-ABI

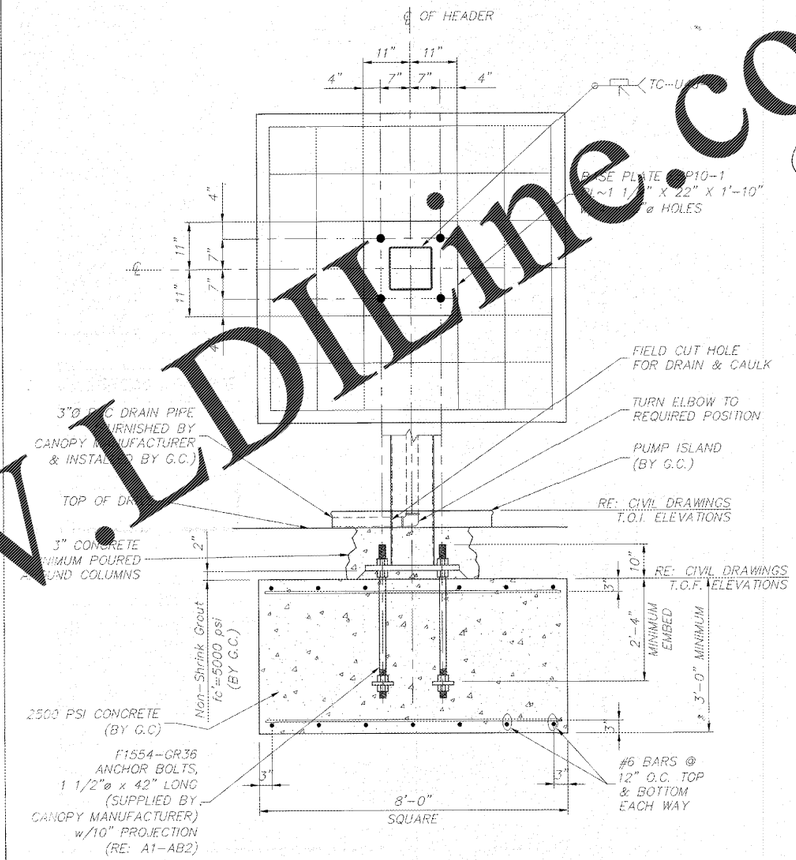



EI SQUARE FOOTING OPTION

N.T.S FI-ABI

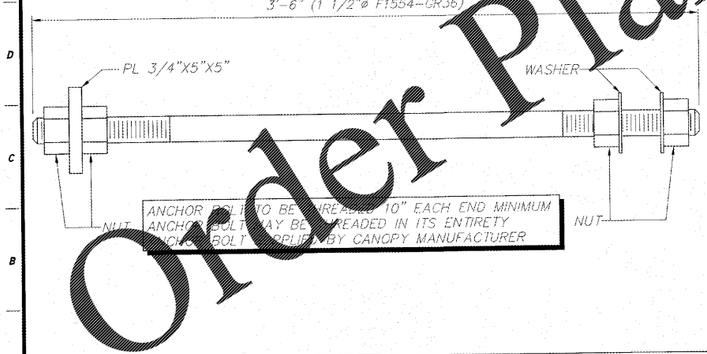
G.C. VERIFY CANOPY ORIENTATION

NOTE: G.C. TO VERIFY THAT TOP OF FOOTING CLEARS SECONDARY CONTAINMENT SUMP.




EII SPREAD FOOTING OPTION

N.T.S FI-ABI




AI ANCHOR BOLT DETAIL

N.T.S. EI-AB2, E6-AB2 & EII-AB2

NOTE:
CONSTRUCTION MANAGER TO DETERMINE FOUNDATION TYPE.
FOUNDATION DESIGN BASED ON GEOTECHNICAL SOILS REPORT
PREPARED BY: TERRACON CONSULTANTS INC.
TERRACON PROJECT NO. 49175005
DATED: MARCH 02, 2017
RE: SITE CIVIL DRAWINGS FOR SPECIFIC SOIL PREPARATION

A6 GEOTECHNICAL SOILS REPORT

N.T.S. .

FOUNDATION TO BE PROVIDED BY G.C.
FOUNDATION DESIGNS E1, E6 OR E11 AT GC CHOICE TO USE

NON SHRINK GROUT LOCATED UNDER COLUMN BASE PLATE BY G.C.

## DESIGN LOADS:

DEAD LOAD = 3 p.s.f.(DECK + LIGHTS) +
WEIGHT OF STRUCTURAL COMPONENTS
LIVE LOAD = 20 p.s.f.
V, ULT = 116 m.p.h. EXP. C
V, ASD = 90 m.p.h. EXP. C
BLDG CODE = 2012 INTERNATIONAL BUILDING CODE W/ 2014,15,17,18
EQUIVALENT LATERAL FORCE PROCEDURE
LATERAL FORCE RESISTING SYSTEM =
CANTILEVERED COLUMN SYSTEM-ORDINARY STEEL MOMENT FRAME
SITE CLASS = D
Ss (0.2) = 0.353
S1 (1.0) = 0.117
SDS = 0.36
SD1 = 0.18
Fa = 1.52
Fv = 2.33
R = 1.25
IMPORTANCE FACTOR = 1.0
RISK CATEGORY = II
SEISMIC DESIGN CATEGORY = C
CS = 0.286
CONSTRUCTION TYPE = IIB
RISK CATEGORY = M
TOTAL SEISMIC BASE SHEAR BOTH DIRECTIONS = 11.77 KIPS

AI4 DESIGN LOADS

N.T.S. .

LANE SUPPLY, INC.
120 FAIRVIEW
ALVARADO, TX 76010
(817) 261-9...

SEAL

GEORGIA REGISTERED PE#020555 PROFESSIONAL ENGINEER RICHARD B. MOSELEY

| NO. | DATE | REVISIONS | DRAWN | CHK'D |
|---|---|---|---|---|

LSC: 60103
DRAWN BY: NP
CHECKED BY:
DATE: 01/15/18

LOVE'S COUNTRY STORES
LOVE'S #735 GAS
I-75 @ EXIT 310
CALHOUN, GA
43'-11" X 123'-8" CANOPY

SHEET TITLE
CAR
AB2 OF 2

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