

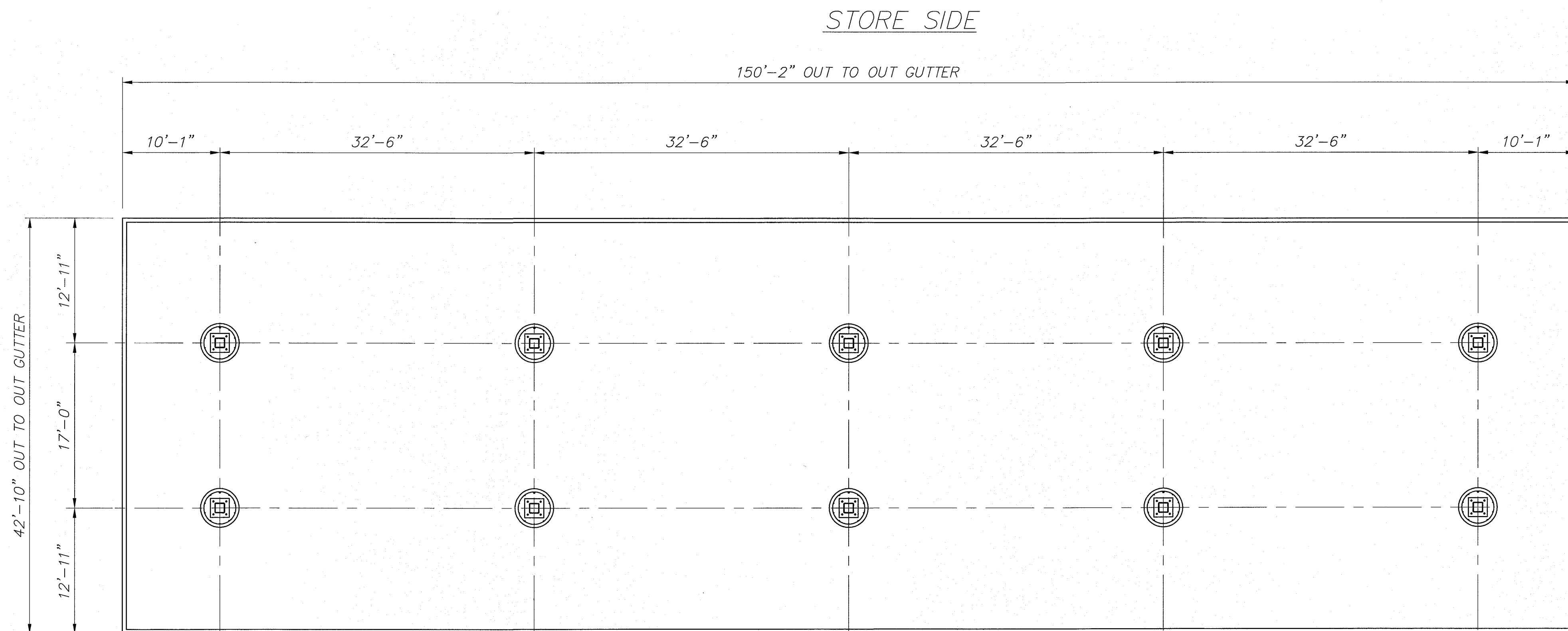
NO.	DATE	REVISIONS	CHK'D
0	1/19/2015	PERMIT SET	CP

LSC: 53516
DRAWN BY: CP
CHECKED BY:
DATE: 12/29/2014

CIRCLE K STORES, INC.
CIRCLE K FUEL CANOPY
FOUNTAIN BLVD. & ACADEMY LOOP
COLORADO SPRINGS, CO
42'-10" X 150'-2" CANOPY

SHEET TITLE

CA - 2



E. FOUNTAIN BOULEVARD

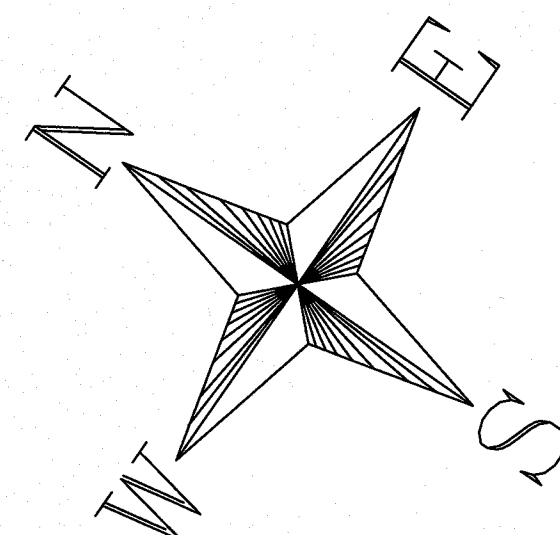
COLUMN & FOOTING LOCATION
SCALE: NONE

FOUNDATION NOTES:

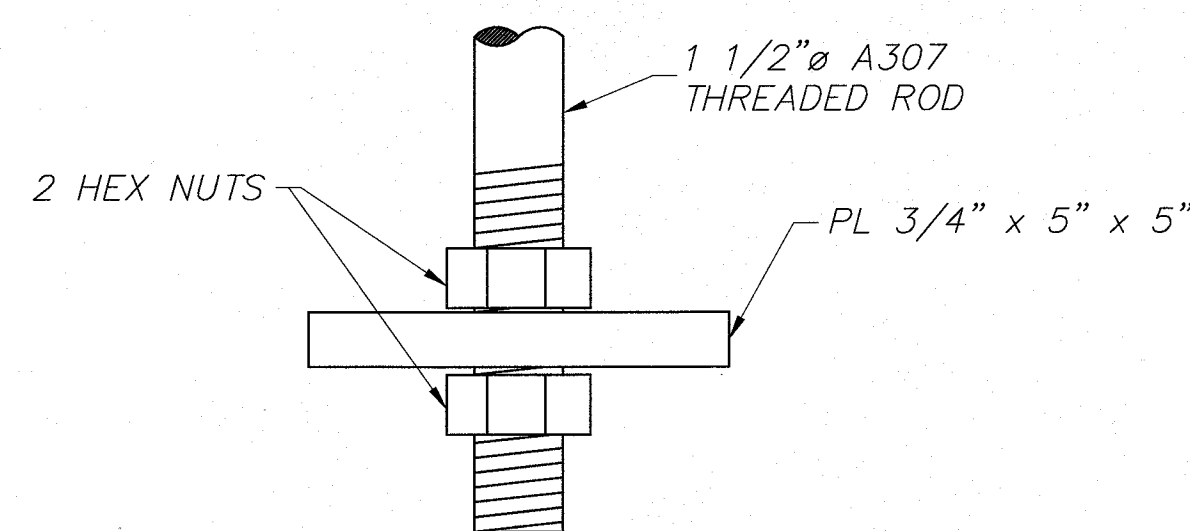
- ALL FOUNDATION WORK BY OTHERS AND SUBJECT TO LOCAL APPROVAL.
- THE FOUNDATION DESIGN IS BASED UPON SECTION 1807.3.2.2-IBC 2009 EDITION. THE DESIGN CRITERIA IS BASED ON SOILS REPORT BY: TERRACON CONSULTANTS, INC. TERRACON PROJECT NO. 23145019 DATED: JUNE 30, 2014. SITE CLASS C, SOIL BEARING CAPACITY OF 25000 p.s.f. AND A PASSIVE SOIL PRESSURE OF 200 p.s.f. PER FOOT OF DEPTH.
- DRILLED SHAFT FOOTINGS SHALL BE INSTALLED PER ACI STD. 336.
- CONCRETE DESIGN AND CONSTRUCTION SHALL CONFORM TO ACI STANDARD 318-08 "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE."
- MINIMUM COMPRESSIVE STRENGTH OF CONCRETE (F'C) AT THE END OF 28 DAYS SHALL BE 2500 PSI MIN.
- REINFORCING STEEL SHALL BE GRADE 60 AND CONFORM TO ASTM A615 LATEST REVISION.
- DETAILING, FABRICATION AND PLACEMENT OF REINFORCING BARS SHALL COMPLY WITH ACI 315, ACI 318 AND CRSI STANDARDS.
- ANCHOR BOLTS SHALL CONFORM TO ASTM A307.
- LANE IS NOT RESPONSIBLE FOR FOOTING POURED PRIOR TO PERMITTING.
- FOOTING ARE DESIGNED TO BE CONSTRAINED AT THE TOP BY A 6" SLAB. IF THEY ARE NOT, PLEASE NOTIFY LANE SUPPLY CO.
- POUR FOOTINGS TO SAME TOP ELEVATION.
- USE MASTER FLOW 928 NON-SHRINK GROUT OR EQUIVALENT F'm=5000 p.s.i.

GENERAL NOTES:

- TOP OF ALL CANOPY FOOTINGS ARE TO BE POURED A MINIMUM OF 12" BELOW FINISHED GRADE OR AS REQUIRED BY LOCAL CODES AND ORDINANCES.
- IT IS THE OWNERS RESPONSIBILITY TO CONVEY TO ALL CONTRACTORS THAT IT IS THEIR RESPONSIBILITY TO INSURE THAT THE SITE IS PROPERLY EXCAVATED AND GRADED. DURING CONCRETE FORMING PRIOR TO AND AFTER THE POUR, THE CONCRETE SHOULD BE CHECKED FOR PROPER ELEVATION, SQUARE AND CORRECT DIMENSIONS.
- MEASUREMENTS FOR ANCHOR BOLTS ARE EXACT AND SHOULD BE RECHECKED TO INSURE PROPER LOCATION.
- CORRECTION OF LOCATION, OF ELEVATION AND OF DIMENSIONAL ERRORS MUST BE MADE PRIOR TO THE ARRIVAL OF THE ERECTION CREW AND PRIOR TO THE ERECTION OF THE STRUCTURE.
- AFTER THE FORMS HAVE BEEN REMOVED, ALL TRENCHES, HOLES AND UNEVEN SITE CONDITIONS MUST BE LEVELED TO INSURE A SAFE WORKING AND ACCESS AREA ACCEPTABLE TO LOCAL, STATE, FEDERAL AND OSHA AGENCIES.

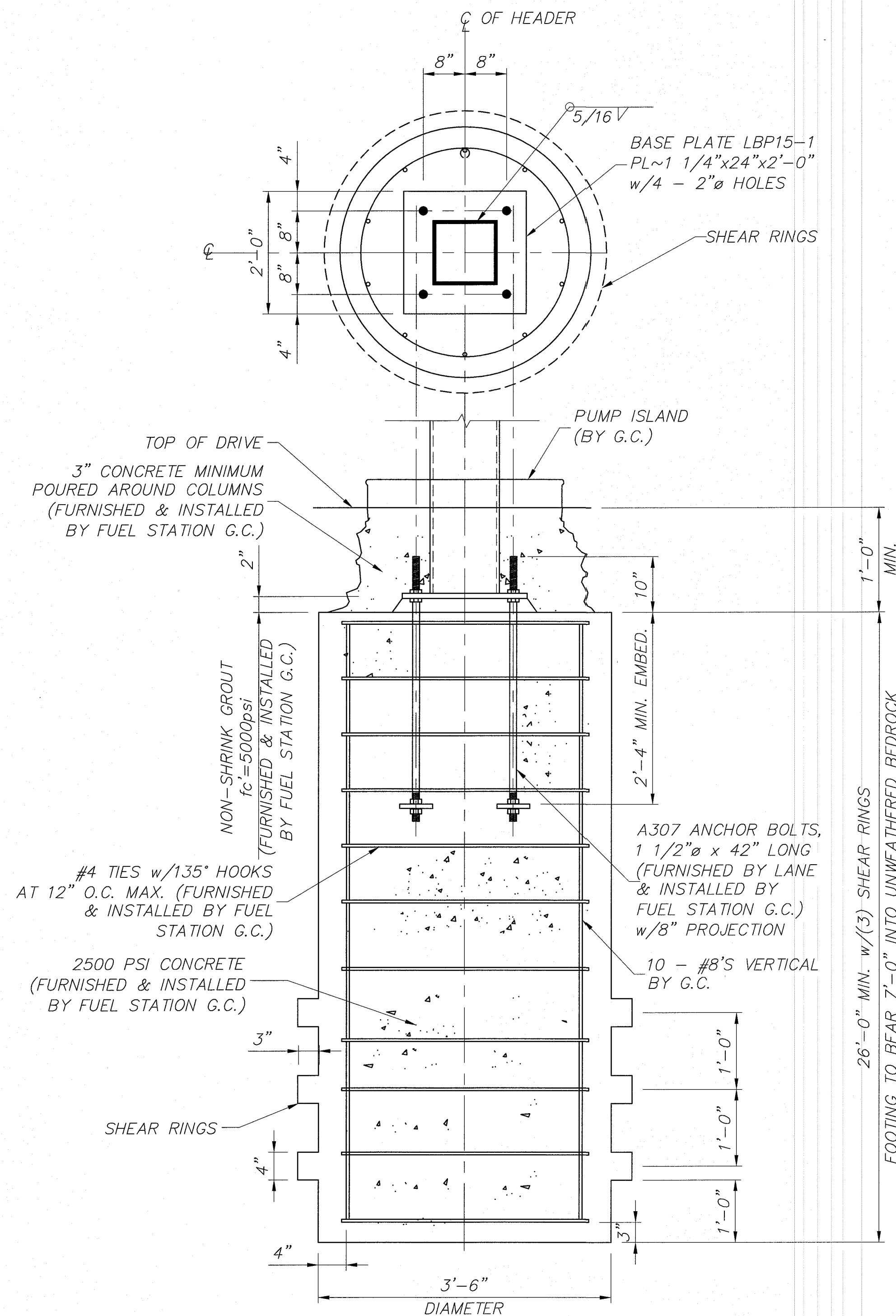


FOUNDATION TO BE INSTALLED PER
GEOTECHNICAL REPORT BY:
TERRACON CONSULTANTS, INC.
TERRACON PROJECT NO. 23145019
DATED: JUNE 30, 2014



FOR BID ONLY

ACADEMY LOOP



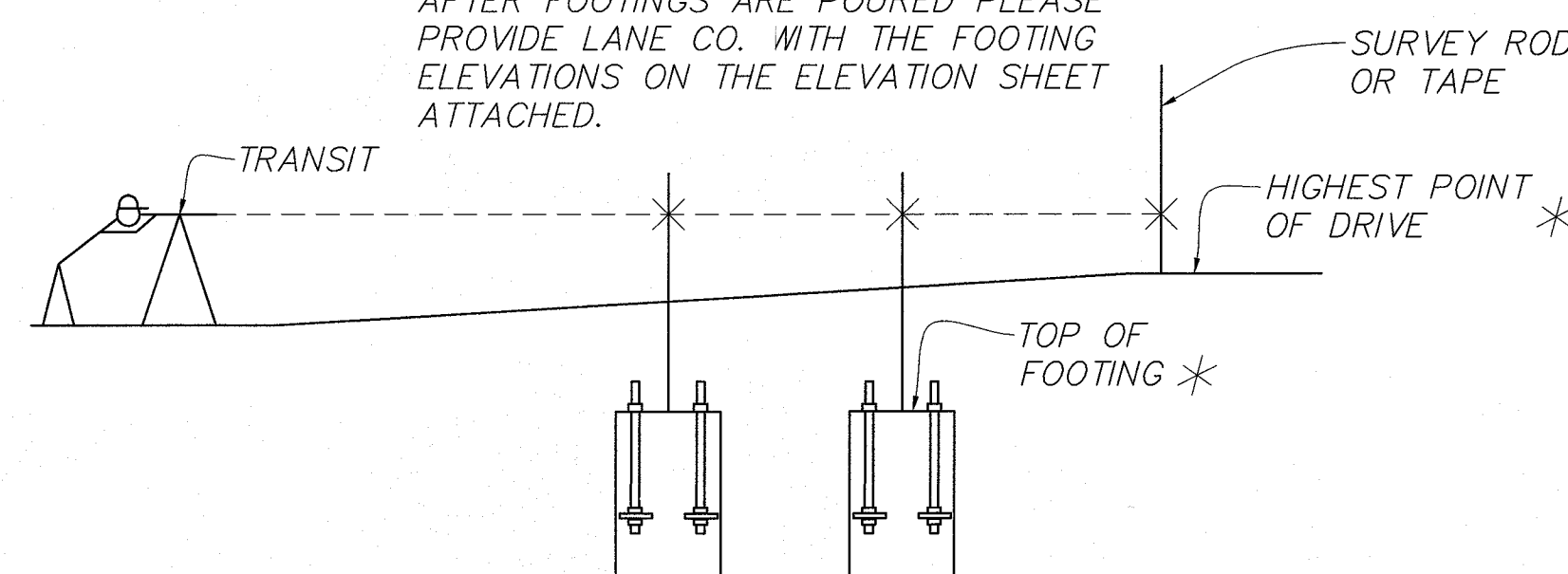
FOOTING DETAIL

DESIGN LOADS:

DEAD LOAD = 3 p.s.f.(DECK + LIGHTS)
+ WEIGHT OF STRUCTURAL COMPONENTS
LIVE LOAD = 20 p.s.f.
SNOW LOAD = 30 p.s.f.
WIND LOAD = 105 m.p.h. EXP. C
BLDG CODE = 2009 INTERNATIONAL BUILDING CODE
EQUIVALENT LATERAL FORCE PROCEDURE
LATERAL FORCE RESISTING SYSTEM = CANTILEVERED COLUMN
SYSTEM-ORDINARY STEEL MOMENT FRAME
SITE CLASS = C
Ss (0.2) = 0.19
S1 (1.0) = 0.06
SDS = 0.15
SD1 = 0.07
Fa = 1.20
Fv = 1.70
R = 1.25
IMPORTANCE FACTOR = 1.0
OCCUPANCY CATEGORY = II
SEISMIC DESIGN CATEGORY = A
CS = 0.118
CONSTRUCTION TYPE = IIB
OCCUPANCY CATEGORY = M
TOTAL SEISMIC BASE SHEAR BOTH DIRECTIONS = 6.07 KIPS

VERY IMPORTANT:

AFTER FOOTINGS ARE POURED PLEASE
PROVIDE LANE CO. WITH THE FOOTING
ELEVATIONS ON THE ELEVATION SHEET
ATTACHED.



* MUST PROVIDE THIS INFORMATION.