**CUSTOMER NAME:** B&G Club - Columbia

PROJECT NAME:

LOCATION:

**CONFIGURATION #:** 

Shade

Columbia TN

Q-093074

Seth Bunce Noah's Park and Playgrounds

seth@noahsplay.com



CUSTOMER NAME: B&G Club - Columbia

PROJECT NAME:

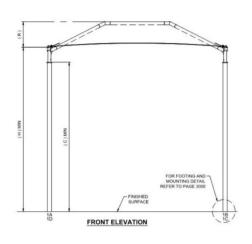
Shade

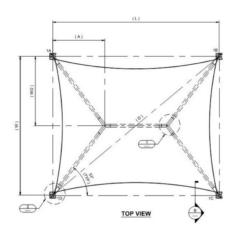
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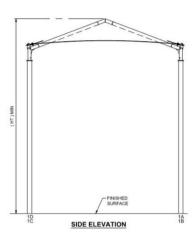
Columbia TN

**CONFIGURATION #:** 

Q-093074







## **GENERAL NOTES**

# **DESIGN LOADS**

BUILDING CODE INTERNATIONAL BUILDING CODE

2018

LIVE LOADS 5 PSF
SNOW LOAD 5 PSF
WIND LOADS 115 MPH\*

3-Sec. Gust, RISK CATEGORY II &

EXPOSURE C

\* 115 MPH ACCORDING TO THE BASIC WIND SPEED MAPS OF ASCE 7-16 IS EQUIVALENT TO THE ALLOWABLE STRESS DESIGN WIND SPEED OF 90 MPH ACCORDING TO ASCE 7-05 AND IBC 2018 EQ 16-33.

# ESTIMATED STEEL WEIGHT

Total Structure Weight	598 lbs			
Single Column Weight	71.6 lbs			
Total Upper Frame Weight	161.4 lbs			
Steel Sizes	3.5 GA 08 Round Tubing			

TABLE OF DIMENSIONS

L	W H		R	HT	D	RL	EL
20' 0"	20' 0"	10' 0"	3' 9"	13' 9"	28' 3"	4' 2"	12' 2"



- NOT TO SCALE
- NOT FOR CONSTRUCTION OR PERMITS
- DUE TO REPRODUCTION, ACTUAL COLORS MAY DIFFER FROM REPRESENTATION

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CUSTOMER NAME: B&G Club - Columbia

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Q-093074

## REINFORCED CONCRETE NOTES

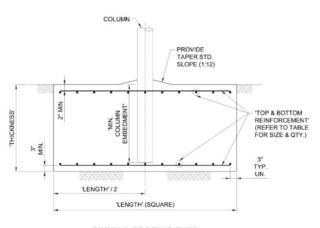
- CONCRETE WORK SHALL BE EXECUTED IN ACCORDANCE WITH THE LATEST EDITION OF THE AMERICAN CONCRETE INSTITUTE SPECIFICATION FOR STRUCTURAL CONCRETE ACI 301 AND BUILDING CODE ACI 318. CONCRETE SPECIFICATIONS SHALL BE AS FOLLOWS:
  - 28 DAY STRENGTH: 2500 PSI
  - SLUMP: 3-5
  - PORTLAND CEMENT SHALL CONFORM TO C-150
  - AGGREGATE SHALL CONFORM TO ASTM C-33
- ALL REINFORCEMENT STEEL SHALL CONFORM TO ASTM A-615 GRADE 60; AND SHALL BE DETAILED, FABRICATED AND PLACED IN ACCORDANCE WITH THE LATEST ACI SPECIFICATION FOR STRUCTURAL CONCRETE ACI 301, ACI DETAILING MANUAL AND CRSI MANUAL OF STANDARD PRACTICE.
- ALL ANCHOR BOLTS SET IN NEW CONCRETE (WHEN APPLICABLE) SHALL COMPLY WITH ASTM F-1554 GRADE 55 (GALVANIZED).
- 4. ALL NON-SHRINK GROUT SHALL HAVE A MINIMUM 28 DAYS COMPRESSIVE STRENGTH OF 5000 PSI, AND SHALL COMPLY THE REQUIREMENTS OF ASTM C109, ASTM C939, ASTM C1090 ASTM C1107, WHEN APPLICABLE.
- 5. SOIL PARAMETERS FOR FOOTING ANALYSIS; TABLE 1806.2, CLASS: 5 1500(PSF)
- 6. FOR SPREAD FOOTING, EDGE OF COLUMN OR ANCHOR BOLTS MUST BE SET AT LEAST 12" FROM THE EDGE OF SPREAD FOOTING EDGE.
- SPREAD FOOTING ALLOWED TO BE ROTATED AS REQUIRED.

	TABLE FOR NON-CONSTRAINED DRILLED PIER FOOTING								
	DIAMETER	DEPTH	VERTICA	L REBAR	TIES			MIN. COLUMN EMBEDMENT (EMBED)	MIN. ANCHOR EMBEDMENT (RECESS. & SURFACE)
ſ	(FT)	(FT)	QTY.	SIZE	QTY.	Ø LOOP (FT)	SIZE	(IN)	(IN)
	2.00	6.00	6	#6	11	1.5	#3	33	19

Γ	TABLE FOR NON-CONSTRAINED SPREAD FOOTING								
	LENGTH	THICKNESS	TOF	AND E	ЮТТС	OM REINFOI	MIN. COLUMN EMBEDMENT (EMBED)	MIN. ANCHOR EMBEDMENT (RECESS. & SURFACE)	
	(FT)	(FT)	QTY.	SIZE	SPACING (IN)			(IN)	(IN)
Γ	4.50	3.00	6	#5	@	9.5	O.C.E.W.	33	19

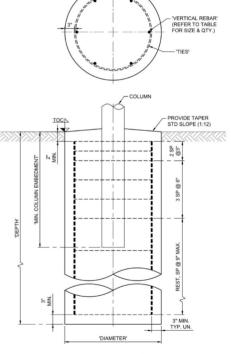
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NOTE: ADDITIONAL INSTALLATION COSTS FOR SPREAD FOOTING



## SPREAD FOOTING TYPE

EMBEDDED SCHEMATIC VIEW ONLY REFER TO TABLE FOR VARIABLE DIMENSIONS



### DRILLED PIER FOOTING TYPE

EMBEDDED
SCHEMATIC VIEW ONLY
REFER TO TABLE FOR VARIABLE DIMENSIONS & QTY.



CORPORATE HEADQUARTERS 2580 Esters Blvd, Ste 100 DFW Airport, TX 75261 800-966-5005

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