

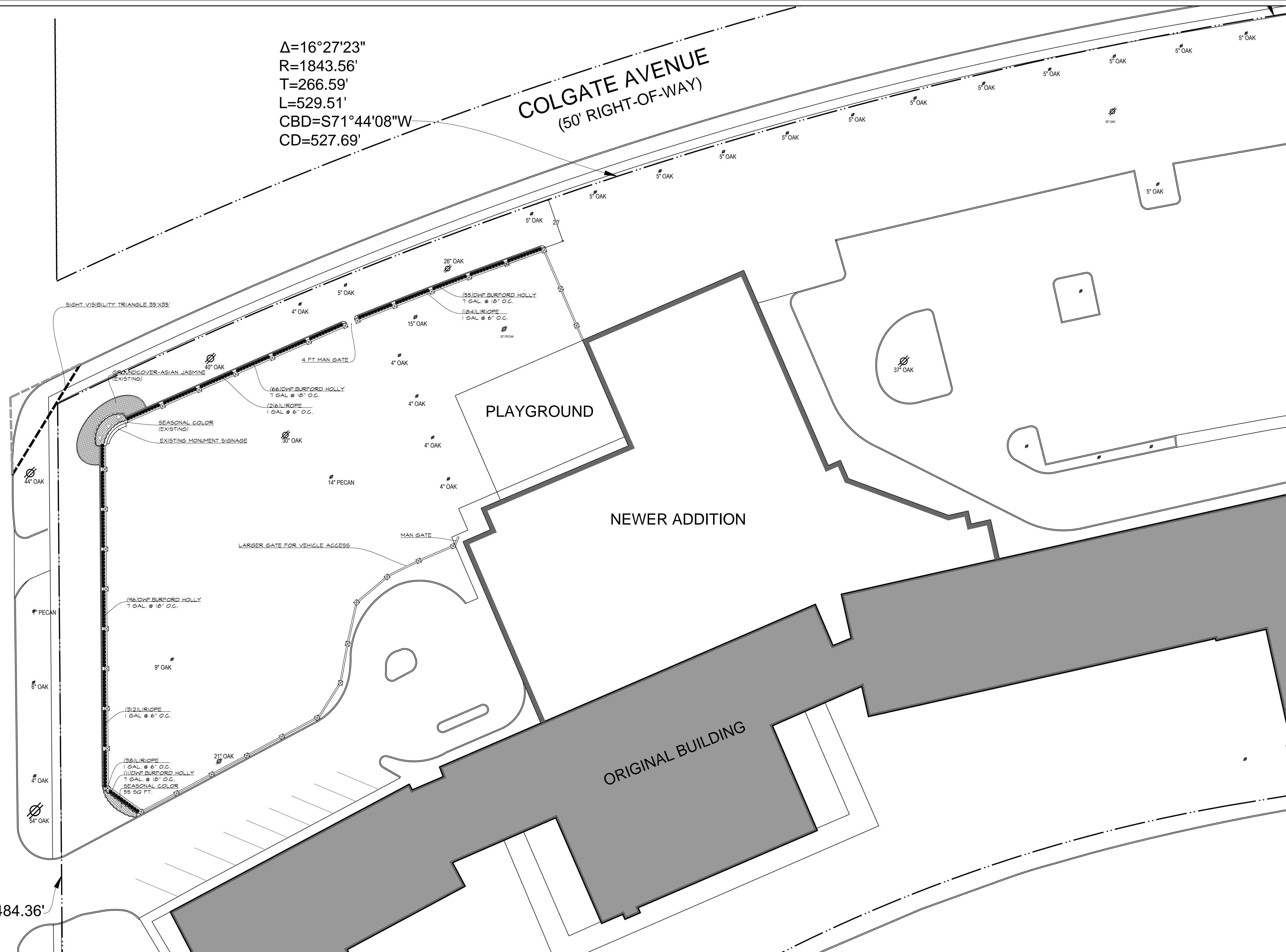


$\Delta=16^{\circ}27'23''$   
 $R=1843.56'$   
 $T=266.59'$   
 $L=529.51'$   
 $CBD=S71^{\circ}44'08''W$   
 $CD=527.69'$

**COLGATE AVENUE**  
 (50' RIGHT-OF-WAY)

**PRESTON ROAD**  
 (100' RIGHT-OF-WAY)

$N00^{\circ}29'41''W$  484.36'



**LAWNS OF DALLAS**  
 DISTINCT LANDSCAPES. IMPECCABLE DETAIL  
 5747 Sadler Circle  
 Dallas, TX 75235  
 P: 214.357.6522  
 F: 214.352.8243  
 www.lawnsofdallas.com

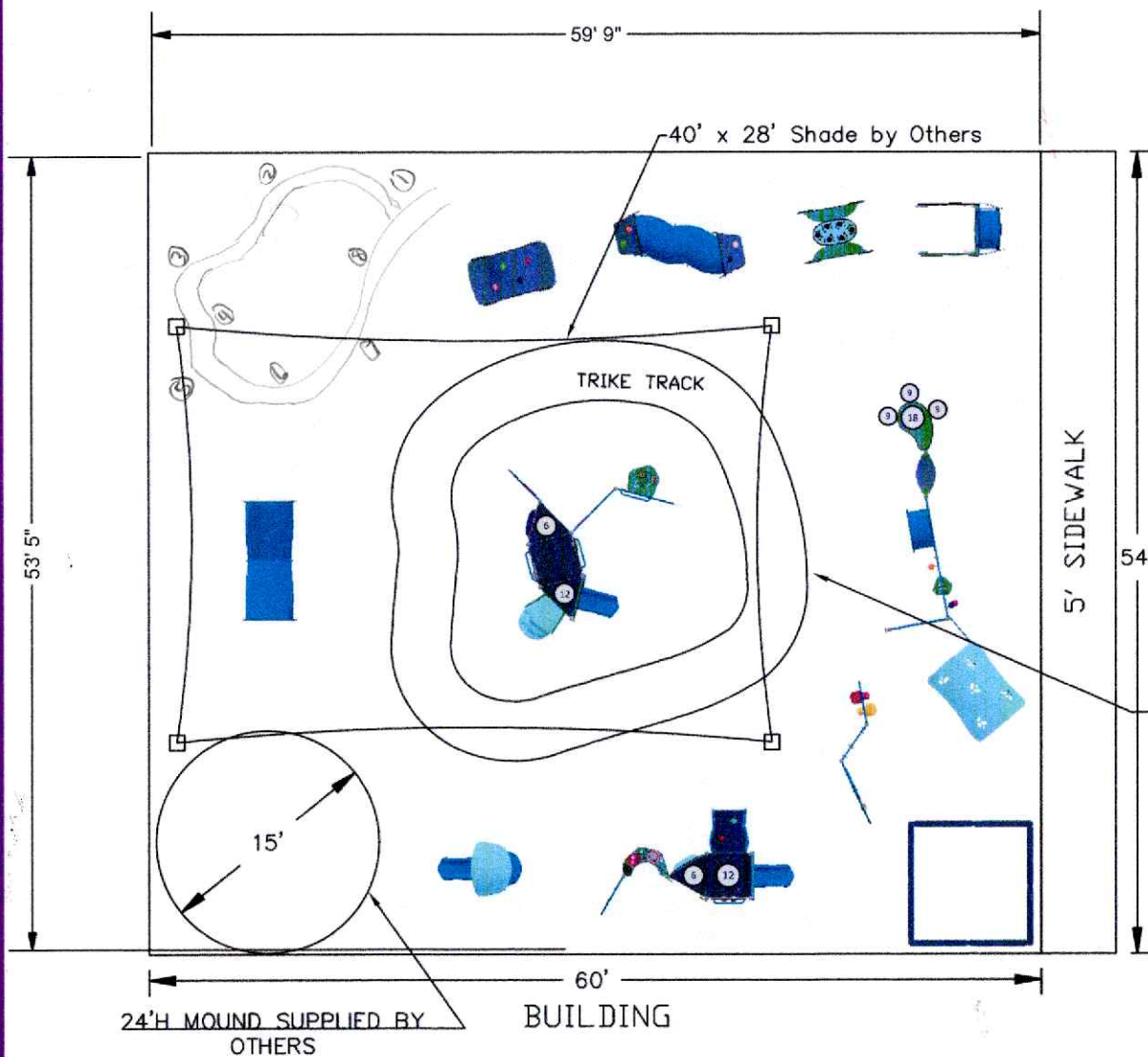
**University Park United Methodist Church**  
 4024 Caruth Boulevard, Dallas, TX 75225

| Revisions |
|-----------|
| 3/2/15    |
|           |
|           |
|           |
|           |
|           |
|           |
|           |
|           |

Scale: 1"=20'-0"

Sheet No.  
**L1**

**FENCE PLANTING PLAN**



PIP TRIKE TRACK AREA: 330 SF

AREA: 3,240 SF  
PERIMETER: 230 LF

**PLEASE NOTE:** ALTHOUGH ALL ATTEMPTS HAVE BEEN MADE TO PROVIDE AN ACCURATE SITE IT MAY NOT TRULY REPRESENT THE AREA WHERE THIS PLAYGROUND LAYOUT IS TO BE PLACED. UNLESS OTHERWISE NOTED THE PLAY AREA IS ASSUMED TO BE LEVEL.

**SERIES** Burke Basics | Synergy | 4' Stone Borders

**GROUP:** 6-23 M Structure A16-23 M Structure B1 Panels/ Freestanding

**DESIGNED FOR AGES:** 6 to 23

**Weekday School 6-24 Month Playground**

Dallas, TX 75225-5403



**SITE PLAN VIEW**

11/12/2025

**Child's Play, Inc.**

36-207862-5

Designer: Emma Burmeister

**OVERALL BOUNDING OF USE ZONES** Area: 3184.5 sq.ft. Perimeter: 226.1 ft. **STRUCTURE SIZE:** 5"x59' 9" **POST SIZE(S):** 5" \*\*The space requirements shown here are to ASTM standards. Requirements for other standards may be different.

| PLAYGROUND ACCESSIBILITY (Provided/Required) |                 |                            |                        |               |                        |
|--|-----------------|----------------------------|------------------------|---------------|------------------------|
| TOTAL EVENTS                                 | ELEVATED EVENTS | TRANSFER ACCESSIBLE EVENTS | RAMP ACCESSIBLE EVENTS | GROUND EVENTS | TYPES OF GROUND EVENTS |
| 14   | 0/0             | 0/0                        | 0/0                    | 0/0           | 0/0                    |

The use and layout of play components identified in this plan conform to the CPSC guidelines. U.S. CPSC recommends the separation of age groups in playground layouts.

Warning: Accessible safety surfacing material is required beneath and around this equipment that is compliant with ASTM, CPSC, and ADAAG requirements.

**GENERAL NOTES**

**DESIGN LOADS**

|               |  |
|---------------|--|
| BUILDING CODE | INTERNATIONAL BUILDING CODE 2021           |
| 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 7-16 AND IBC 2021 EQ 16-17.

**STRUCTURAL STEEL**

- ALL STRUCTURAL SHAPES SHALL BE COLD FORMED HSS ASTM A500 GRADE C. UNLESS OTHERWISE NOTED. TYPICAL MECHANICAL PROPERTIES FOR HSS PRODUCTS:
 

|                        |                                       |
|------------------------|---------------------------------------|
| SQUARE AND RECTANGULAR | 50,000 PSI YIELD / 62,000 PSI TENSILE |
| ROUND PIPE             | 50,000 PSI YIELD / 62,000 PSI TENSILE |
- ALL GALVANIZED STEEL TUBE PRODUCTS ARE MANUFACTURED PER ASTM A500, TYPICAL MECHANICAL PROPERTIES ACHIEVED FOR GALVANIZED TUBE PRODUCTS:
 

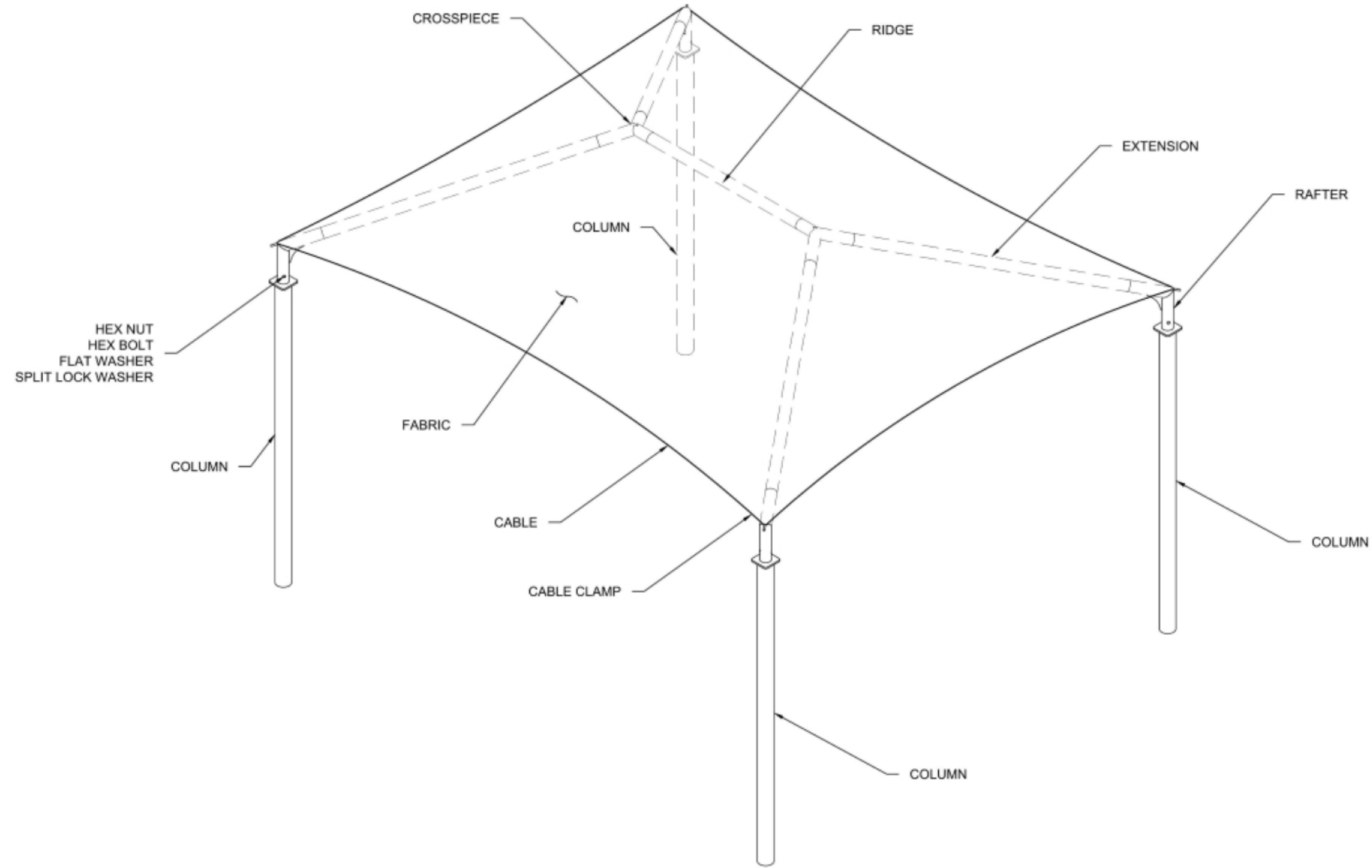
|            |                                       |
|------------|---------------------------------------|
| ROUND TUBE | 50,000 PSI YIELD / 62,000 PSI TENSILE |
|------------|---------------------------------------|
- ALL PLATES SHALL COMPLY WITH ASTM A572 GRADE 50.
- ALL STEEL TUBING SHALL BE TRIPLE COATED FOR RUST PROTECTION USING THE IN-LINE ELECTROPLATING COAT PROCESS. TUBING SHALL BE INTERNALLY COATED WITH ZINC AND ORGANIC COATINGS TO PREVENT CORROSION AS MANUFACTURED BY ALLIED TUBE & CONDUIT.
- STRUCTURAL STEEL SHALL BE DETAILED, FABRICATED AND ERECTED IN ACCORDANCE WITH A.I.S.C. SPECIFICATIONS.
- ALL SHOP WELDS SHALL BE EXECUTED IN ACCORDANCE WITH THE LATEST EDITION OF THE AMERICAN WELDING SOCIETY (AWS) D1.1 SPECIFICATIONS. ALL WELDS SHALL BE CONTINUOUS WHERE LENGTH IS NOT GIVEN, UNLESS OTHERWISE SHOWN OR NOTED ON DRAWINGS. ALL WELDS SHALL DEVELOP THE FULL STRENGTH OF THE WEAKER MEMBER. ALL WELDS SHALL BE MADE USING E70XX .045 WIRE.
- SHOP CONNECTIONS SHALL BE WELDED UNLESS NOTED OTHERWISE. FIELD CONNECTIONS SHALL BE AS INDICATED ON THE DRAWINGS (IF REQUIRED). ALL FILLET WELDS SHALL BE A MINIMUM OF 3/16" UNLESS OTHERWISE NOTED. FIELD WELDS SHALL NOT BE ALLOWED.
- ALL HIGH STRENGTH BOLTS SHALL COMPLY WITH ASTM F3125 GRADE A325 (GALVANIZED). ALL NUTS SHALL COMPLY WITH ASTM A563DH, AND WASHERS SHALL COMPLY WITH ASTM F436.
- ALL HIGH STRENGTH BOLTS SHALL BE TIGHTENED TO A SNUG TIGHT CONDITION.
- ALL STAINLESS STEEL BOLTS / STUDS SHALL COMPLY WITH ASTM F-593, ALLOY GROUP 1 OR 2 ALL NUTS SHALL COMPLY WITH ASTM F-594 ALLOY GROUP 1 OR 2.
- ALL STRUCTURAL STEEL SHALL BE POWDER COATED WITH ONE SHOP COAT (2.5 MILS MIN.) OF ZINC-RICH PRIMER, UNDERCOAT, AND FINISH COAT, OR EQUIVALENT PAINT SYSTEM. THIS COAT IS A WEATHER RESISTANT POWDER COATING BASED ON POLYESTER TGIC (MANUFACTURED BY SHERWIN WILLIAMS, ASKO NOBEL, PPG OR TIGER DRYLAC). TO ACHIEVE OPTIMUM ADHESION, IT IS RECOMMENDED THAT THE PROPER TREATMENT AND DRYING TAKE PLACE BEFORE COATING. POLYESTER POWDER (TGIC) SPECIFICATIONS SHALL BE AS FOLLOWS:
  - PENCIL HARDNESS (ASTM D-3363).
  - HUMIDITY (ASTM D-2247).
  - SOLVENT RESISTANCE (PCI METHOD) - 50 DBL RUBS SL. SOFTNESS.

**FABRIC SPECIFICATION**

- FABRIC SHALL BE A HIGH DENSITY POLYETHYLENE WITH ULTRA VIOLET ADDITIVES, WITH MONOFILAMENT AND TAPE CONSTRUCTION GIVING A STABLE MATERIAL AND RACHEL KNITTED TO ENSURE MATERIAL WILL NOT UNRAVEL IF CUT
- |                |                              |                      |
|----------------|------------------------------|----------------------|
|                | <u>SOLID COLORS</u>          | <u>STRIPE COLORS</u> |
| TEAR STRENGTH  | WARP 220.4622 LB             | WARP 182.9836 LB     |
|                | WEFT 462.9707 LB             | WEFT 401.2413 LB     |
| BURST STRENGTH | 37.7098 PSIA                 | 33.0686 PSIA         |
| FADING         | MINIMUM FADING AFTER 5 YEARS |                      |
- LIFE EXPECTANCY: A MINIMUM OF 8 YEARS CONTINUOUS EXPOSURE TO THE SUN
- FIRE TEST ON FABRIC: NFPA 701 TEST 2 AND ASTM E 84
- THREAD-PTFE (TEFLON) USED MEET THE FOLLOWING SPECIFICATIONS: HIGH STRENGTH, LOW SHRINKAGE, WIDE TEMPERATURE RANGE, FLEX ABRASION RESISTANT AND UV RADIATION IMMUNITY. LOCKSTITCH - 1200 DENIER. CHAINSTITCH THREAD - 2400 DENIER.

**AIRCRAFT CABLE**

- WIRE ROPE CABLE SHALL BE 7x19 STRAND CORE GALVANIZED WIRE ROPE WITH A BREAKING STRENGTH VALUE OF 14,400 LBS (3/8" DIAMETER)
- CABLES SHALL BE FED THROUGH THE FABRIC SLEEVES AROUND THE PERIMETER OF THE CANOPY AND TENSIONED UNTIL THE FABRIC PANELS (DESIGNED PURPOSEFULLY UNDERSIZED) REACH A TAUT APPEARANCE. ANY LONG TERM CABLE SAG SHALL BE MINIMIZED DURING THE MAINTENANCE RE-TIGHTENING VISITS AS REQUIRED.



**ISOMETRIC VIEW**

**LIST OF MATERIALS**

| ITEM              | QTY | DESCRIPTION                         | SMI PART No.        |
|-------------------|-----|-------------------------------------|---------------------|
| BOLT              | 4   | BOLT,HEX,5/8"-11 x 6",GLV ASTM A325 | 308851              |
| HEX NUT           | 4   | NUT,HEX,5/8"-11,GLV A194 2H         | 308181              |
| FLAT WASHER       | 8   | WASHER,FLAT,5/8",GLV ASTM F436      | 308182              |
| SPLIT LOCK WASHER | 4   | WASHER,SPLIT LOCK, 5/8",GLV         | 308183              |
| CABLE CLAMPS      | 4   | CLAMPS,CABLE,3/8" DF GLV            | 307629              |
| COLUMN            | 4   | HSS 5.00 x 5.00 x 0.250             | PIH-550-170-400-SIN |
| EXTENSION         | 4   | 4.500 GA 07 ROUND TUBING            | EXT-450-209         |
| RIDGE             | 1   | 4.500 GA 07 ROUND TUBING            | RID-450-218         |
| FABRIC            | 1   | FABRIC SHADESURE NAVY BLUE          | 200000SNB           |
| CABLE             | 1   | WIRE ROPE, 7x19, 3/8", GALV         | 308175              |
| RAFTER            | 4   | UNPAINTED 450RAF-F5                 | 450RAF-F5           |
| CROSSPIECE        | 2   | UNPAINTED 450CP-F5                  | 450CP-F5            |

**NOTICE**

- MESH FABRIC TOP NEEDS TO BE REMOVED IF SNOW EXCEEDING 5 PSF IS ANTICIPATED
- MESH VFABRIC TOP NEEDS TO BE REMOVED IF WINDS EXCEEDING 115 MPH ARE ANTICIPATED. SEE NOTES FOR DESIGN LOADS

**CODE ANALYSIS**

| BUILDING                           | OCCUPANCY | CONSTRUCTION TYPE | AREA (SQFT) | OCCUPANT LOAD |
|------------------------------------|-----------|-------------------|-------------|---------------|
| SHADE STRUCTURE<br>28' 0" x 40' 0" | U         | V-B               | 1120        | N/A           |

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**CORPORATE HEADQUARTERS**  
2580 ESTERS BLVD., SUITE 100  
DFW AIRPORT, TX 75261  
800-966-5005

**CERTIFICATIONS:**  
IAS CERTIFICATION No: FA-428  
CLARK COUNTY MANUFACTURER CERTIFICATION NUMBER (NEVADA): 355

**CUSTOMER:**  
Child's Play  
**PROJECT NAME:**  
99121 - University Park UMC  
**LOCATION:**  
Dallas TX  
**PROJECT NUMBER:**  
Q-125778

**STRUCTURE TYPE:**  
4 Post HIP 401  
**SIZE:**  
28' 0" x 40' 0" x 12' 0"e

**SCALE:** AS NOTED

**DRAWING SIZE**  
B

|             |                          |
|-------------|--------------------------|
| ENG         | MB                       |
| CHK         | MB                       |
| DRW         | QD                       |
| DATE        |                          |
| DESCRIPTION | RELEASE FOR CONSTRUCTION |
| REV         | NC                       |

Eng. By: MB  
Design By: QD  
Approved By: MB  
**DRAWING DESCRIPTION:**  
NOTES / LOM

DWG. PAGE  
1000  
REV  
NC

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**B**

| REV | DESCRIPTION              | DATE | DRW | CHK | ENG |
|-----|--------------------------|------|-----|-----|-----|
| NC  | RELEASE FOR CONSTRUCTION |      | QD  | MB  | MB  |

Eng. By: MB  
Design By: QD  
Approved By: MB

**DRAWING DESCRIPTION:**  
ELEVATIONS AND DETAILS

DWG. PAGE

2000

REV  
**NC**

TABLE OF DIMENSIONS

| L      | W      | H      | R     | HT     | D       | RL     | EL     |
|--------|--------|--------|-------|--------|---------|--------|--------|
| 40' 0" | 28' 0" | 12' 0" | 5' 3" | 17' 3" | 48' 10" | 18' 2" | 17' 5" |

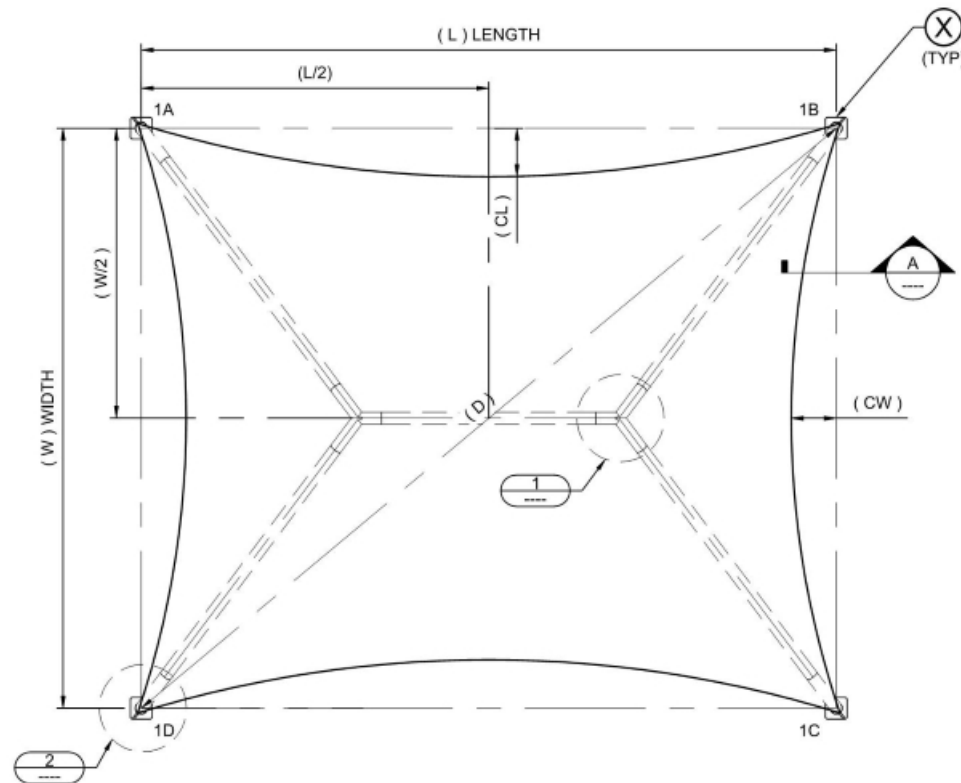
TABLE OF DIMENSIONS KEY

|    |                                       |
|----|---------------------------------------|
| L  | LENGTH                                |
| W  | WIDTH                                 |
| H  | DISTANCE FROM FINISHED SURFACE TO PIN |
| R  | RAISE FROM RAFTER TO CROSSPIECE       |
| HT | TOTAL HEIGHT                          |
| D  | DIAGONAL                              |
| RL | RIDGE LENGTH                          |
| EL | EXTENSION LENGTH                      |

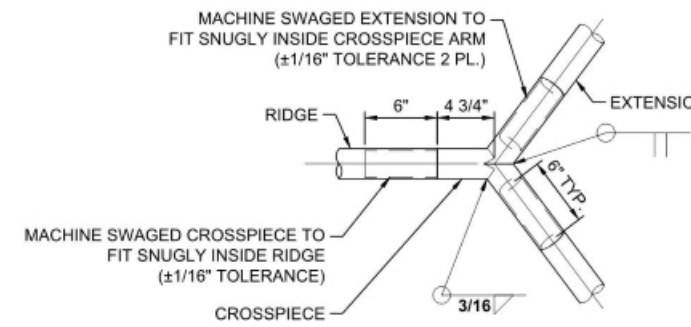
PLAN NORTH



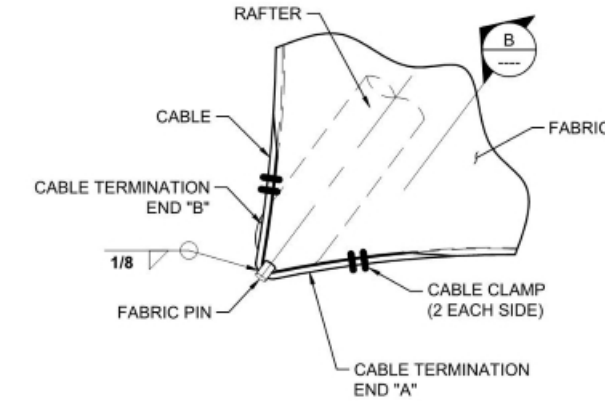
FOR TRUE NORTH  
SEE CUSTOMER'S  
SITE PLAN



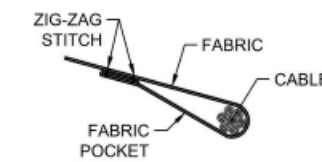
**TOP VIEW**



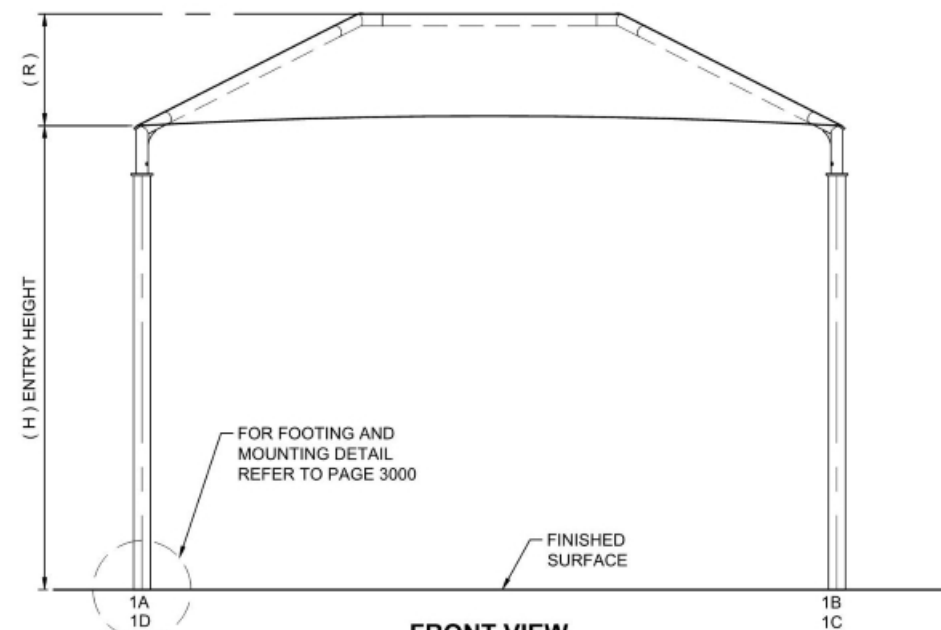
**DETAIL 1**



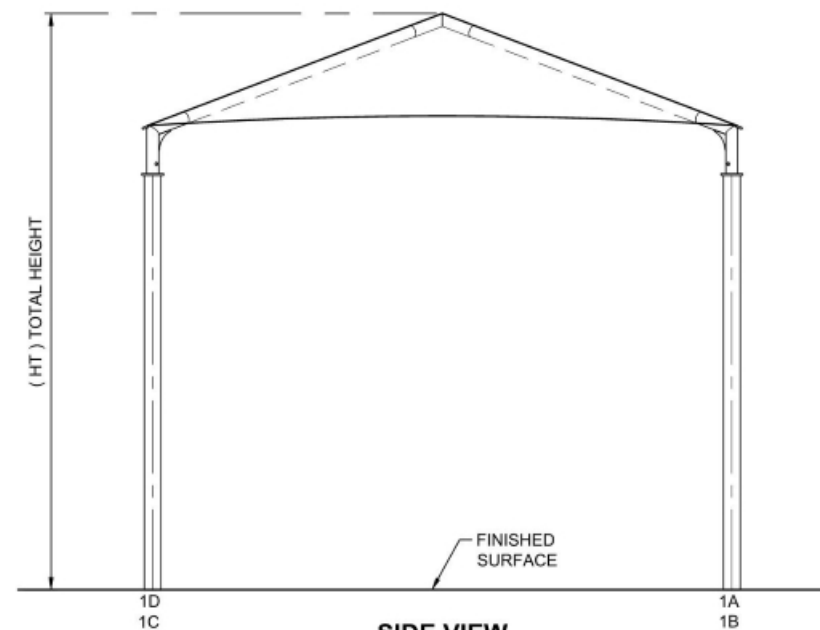
**DETAIL 2**



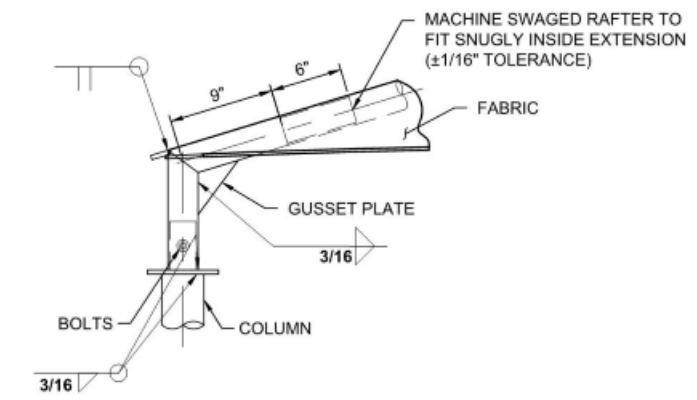
**SECTION A-A**



**FRONT VIEW**



**SIDE VIEW**



**VIEW B-B**

**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).
- 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.
- SOIL PARAMETERS FOR FOOTING ANALYSIS; TABLE 1806.2, CLASS : 5 - 1500(PSF)
- 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 SPREAD FOOTING |                |                              |      |              |      |          | MIN. COLUMN EMBEDMENT (EMBED) (IN) | MIN. ANCHOR EMBEDMENT (RECESS. & SURFACE) (IN) |
|--------------------------|----------------|------------------------------|------|--------------|------|----------|------------------------------------|--|
| LENGTH (FT)              | THICKNESS (FT) | TOP AND BOTTOM REINFORCEMENT |      |              |      |          |                                    |  |
|                          |                | QTY.                         | SIZE | SPACING (IN) |      |          |                                    |  |
| 5.5                      | 3.00           | 8                            | #5   | @            | 8.5" | O.C.E.W. | 33                                 | 19   |

| TABLE FOR NON-CONSTRAINED DRILLED PIER FOOTING |            |                |      |      |             |      |    | MIN. COLUMN EMBEDMENT (EMBED) (IN) | MIN. ANCHOR EMBEDMENT (RECESS. & SURFACE) (IN) |
|--|------------|----------------|------|------|-------------|------|----|------------------------------------|--|
| DIAMETER (FT)                                  | DEPTH (FT) | VERTICAL REBAR |      | TIES |             |      |    |                                    |  |
|  |            | QTY.           | SIZE | QTY. | Ø LOOP (FT) | SIZE |    |                                    |  |
| 2.0  | 7.0        | 6              | #6   | 12   | 1.5         | #3   | 33 | 19                                 |  |



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**B**

|                          |    |
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| CHK                      | MB |
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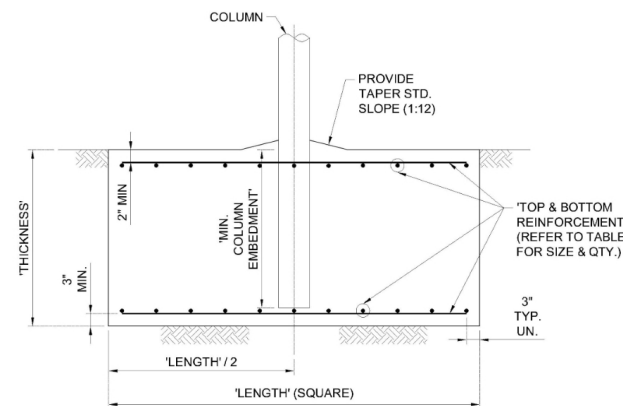
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**FOOTING DETAILS**

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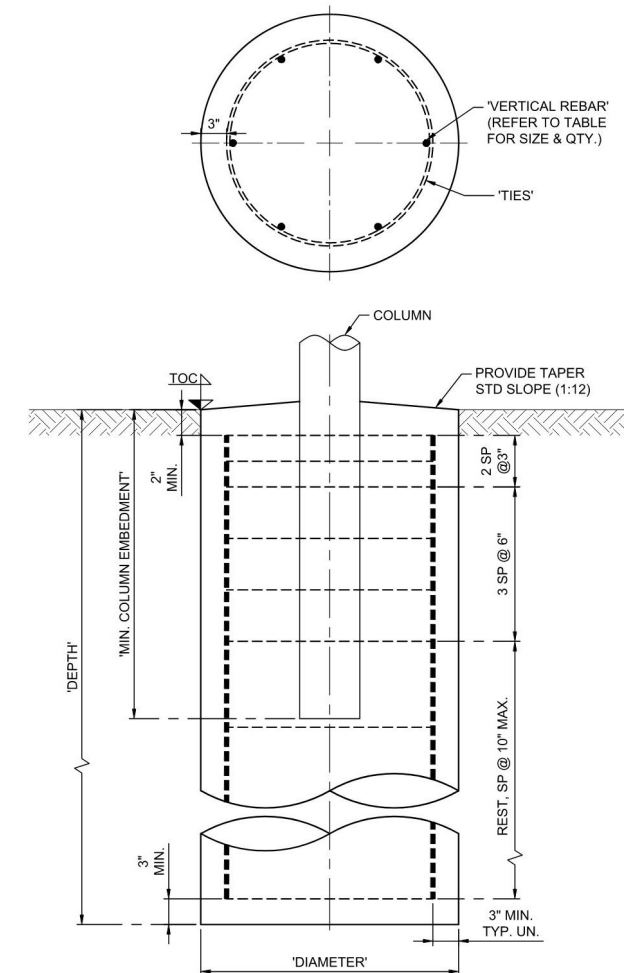
3000

REV **NC**

**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.