

GENERAL NOTES

DESIGN LOADS

BUILDING CODE	CBC 2019 (BASED ON IBC 2018)
LIVE LOADS	5 PSF
SNOW LOAD	5 PSF
WIND LOADS	115 MPH ¹
	3-Sec. Gust, RISK CATEGORY II & EXPOSURE C

1.- 115 MPH ACCORDING THE ULTIMATE WIND SPEED MAPS OF ASCE 7-16 IS EQUIVALENT TO THE NOMINAL WIND SPEED OF 90 MPH ACCORDING ASCE 7-05 AND IBC 2018 EQ 16-33.

STRUCTURAL STEEL

1.- 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	46,000 PSI YIELD / 62,000 PSI TENSILE

2.- ALL GALVANIZED STEEL TUBE PRODUCTS ARE MANUFACTURED PER ASTM A500, TYPICAL MECHANICAL PROPERTIES ACHIEVED FOR GALVANIZED TUBE PRODUCTS:

ROUND TUBE	45,000 PSI YIELD / 48,000 PSI TENSILE
------------	---------------------------------------

3.- ALL PLATES SHALL COMPLY WITH ASTM A572 GRADE 50.

4.- 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.

5.- STRUCTURAL STEEL SHALL BE DETAILED, FABRICATED AND ERECTED IN ACCORDANCE WITH A.I.S.C. SPECIFICATIONS.

6.- 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.

7.- 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.

8.- ALL HIGH STRENGTH BOLTS SHALL COMPLY WITH ASTM A325 TYPE 1 OR A490 TYPE 1. ALL NUTS SHALL COMPLY WITH ASTM A563DH, AND WASHERS SHALL COMPLY WITH ASTM F436.

9.- ALL HIGH STRENGTH BOLTS SHALL BE TIGHTENED TO A SNUG TIGHT CONDITION.

10.- 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.

11.- ALL STRUCTURAL STEEL SHALL BE PAINTED WITH ONE SHOP COAT (2.5 TO 3.5 MILS THICK MIN). THIS COAT IS A WEATHER RESISTANT POWDER COATING BASED ON POLYESTER TGIC (MANUFACTURED BY SHERWIN WILLIAMS 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. SOFTNES

FABRIC SPECIFICATION

1.- 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.

2.- FABRIC SPECIFICATIONS:	SOLID COLORS	STRIPE COLORS
- TEAR STRENGTH	WARP 220.4622 LB WEFT 462.9707 LB	WARP 182.9836LB WEFT 401.2413LB
- 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		

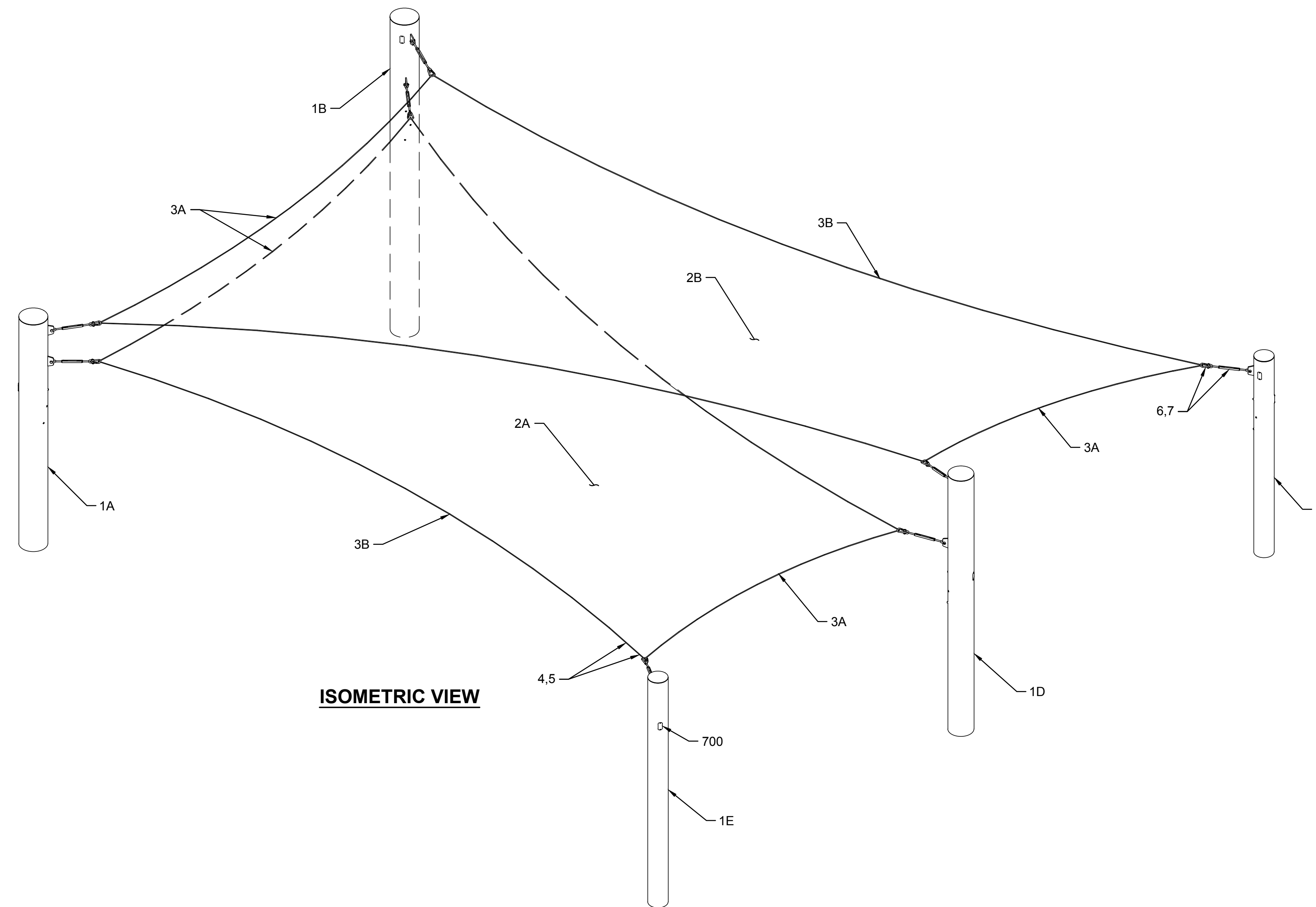
3.- FIRE TEST ON FABRIC: NFPA 701 TEST 2 AND ASTM E 84

4.- 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

1.- WIRE ROPE CABLE SHALL BE 6x19 STRAND CORE GALVANIZED WIRE ROPE WITH A BREAKING STRENGTH VALUE OF 20,500 LBS (1/2" DIAMETER).

2.- CABLES SHALL BE FED THROUGH THE FABRIC SLEEVES AROUND THE PERIMETER OF THE CANOPY AND TENSIONED UNTIL THE FABRIC PANELS (DESIGNED PURPOSELY UNDERSIZED) REACH A TAUNT APPEARANCE. ANY LONG TERM CABLE SAG SHALL BE MINIMIZED DURING THE MAINTENANCE RE-TIGHTENING VISITS AS REQUIRED.



LIST OF MATERIALS				
ITEM	QTY.	DESCRIPTION	MATERIAL / DWG	SMI PART NO.
STEEL AND BOLTS				
1A	1	COLUMN	HSS Ø20.00 x 0.500	N/A
1B	1	COLUMN	HSS Ø20.00 x 0.500	N/A
1C	1	COLUMN	HSS Ø14.00 x 0.375	N/A
1D	1	COLUMN	HSS Ø18.00 x 0.375	N/A
1E	1	COLUMN	HSS Ø14.00 x 0.375	N/A
700	8	HANDHOLE COVER KIT	6" x 3" H.H. COVER KIT	HHCOV KIT-63
800	74	ANCHOR ROD SET 1-1/4" x 36"	F1554 GR55 (GALVANIZED)	307615
FABRIC AND HARDWARE				
2A	1	FABRIC (CUSTOM)	HDPE MESH	AREA: 824 SQF, WEIGHT: 35 LBS
2B	1	FABRIC (CUSTOM)	HDPE MESH	AREA: 802 SQF, WEIGHT: 34 LBS
3A	4	40 FT OF Ø1/2" STEEL CABLE	GALVANIZED CABLE	307605
3B	4	60 FT OF Ø1/2" STEEL CABLE	GALVANIZED CABLE	307605
4	16	Ø1/2" THIMBLE	GALVANIZED	308062
5	48	Ø1/2" CABLE CLAMP	GALVANIZED	307627
6	8	TURNBUCKLE (JAW-JAW)	7/8" x 12" (GALVANIZED)	308122
7	8	3/4" QUICK LINK	ZINC PLATED	308205

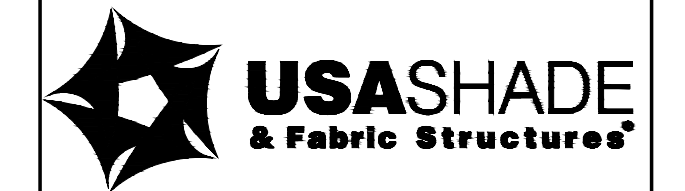
CODE ANALYSIS				
BUILDING	OCCUPANCY	CONSTRUCTION TYPE	AREA (SQF)	OCCUPANT LOAD
SHADE STRUCTURE	U	V-B	1994	N/A
SEE PAGE 2000				

NOTICE

FABRIC TOP NEEDS TO BE REMOVED IF SNOW EXCEEDING 5 PSF IS ANTICIPATED

FABRIC TOP NEEDS TO BE REMOVED IF WINDS EXCEEDING 115 MPH ARE ANTICIPATED, SEE NOTE 1 OF DESIGN LOADS

THESE PLANS AND SPECIFICATIONS ARE THE PROPERTY OF USA SHADE AND FABRIC STRUCTURES AND SHALL NOT BE REPRODUCED WITHOUT THEIR WRITTEN PERMISSION.



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:
CONEJO PARKS AND RECREATION
PROJECT NAME:
ALEX FIORE TEEN CENTER
LOCATION:
THOUSAND OAKS CA
PROJECT NUMBER:
73793

STRUCTURE TYPE:
TENSION SAILS
FULL CUSTOM

SIZE:
SEE PAGE 2000

SCALE : AS NOTED

DRAWING SIZE:
B

FULL CUSTOM	DESCRIPTION	MB	JL	DATE	CHK	ENG
		MB	JL	DATE	CHK	ENG
		MB	JL	DATE	CHK	ENG
NC				04/29/20		
				04/29/20		
				04/29/20		

Eng. By : MB 04/29/20
Design By : JL 04/29/20
Approved By : MB 04/29/20

DRAWING DESCRIPTION:
NOTES / LOM

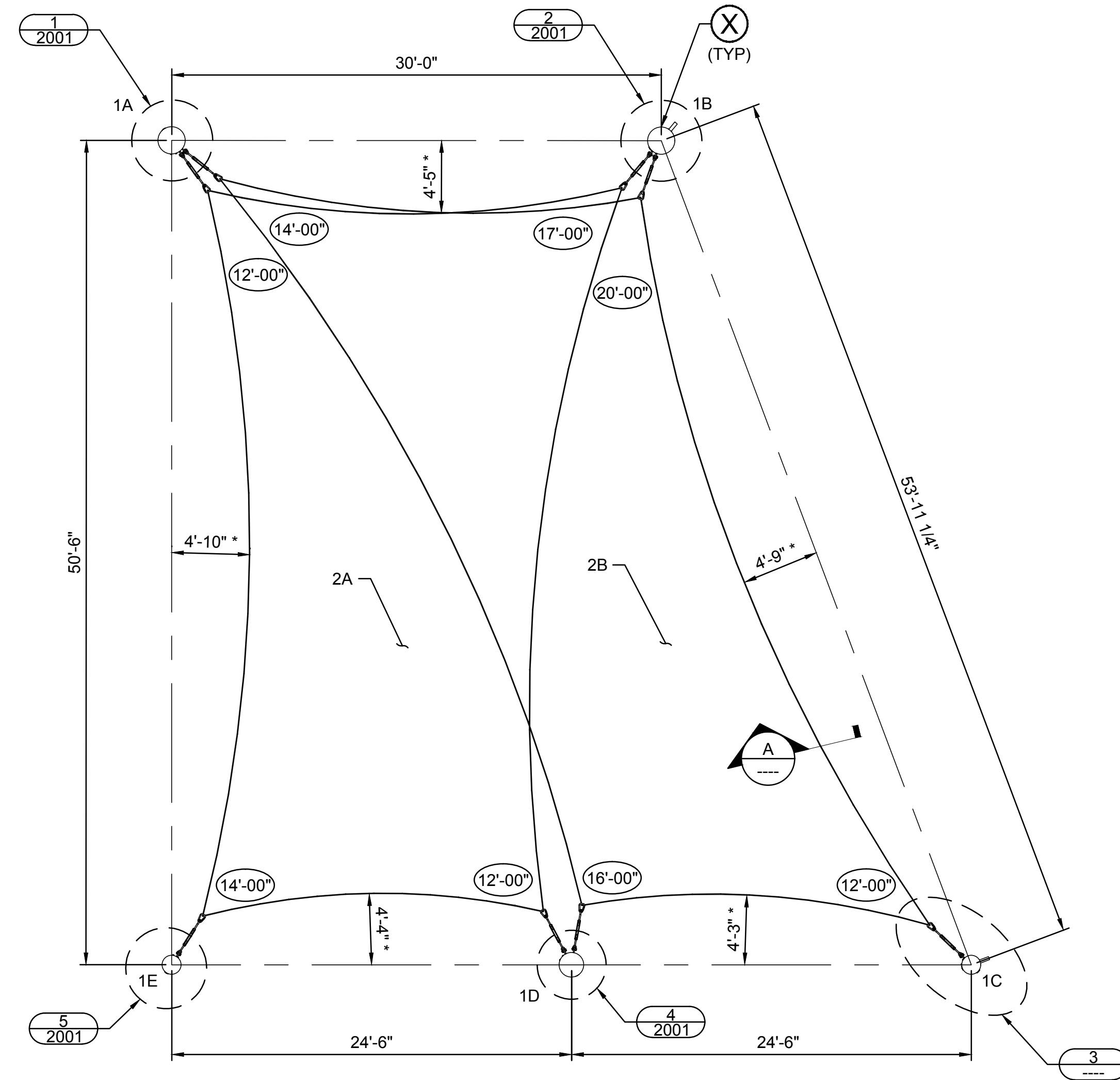
DWG. **73793-1.0**

PAGE **1000**

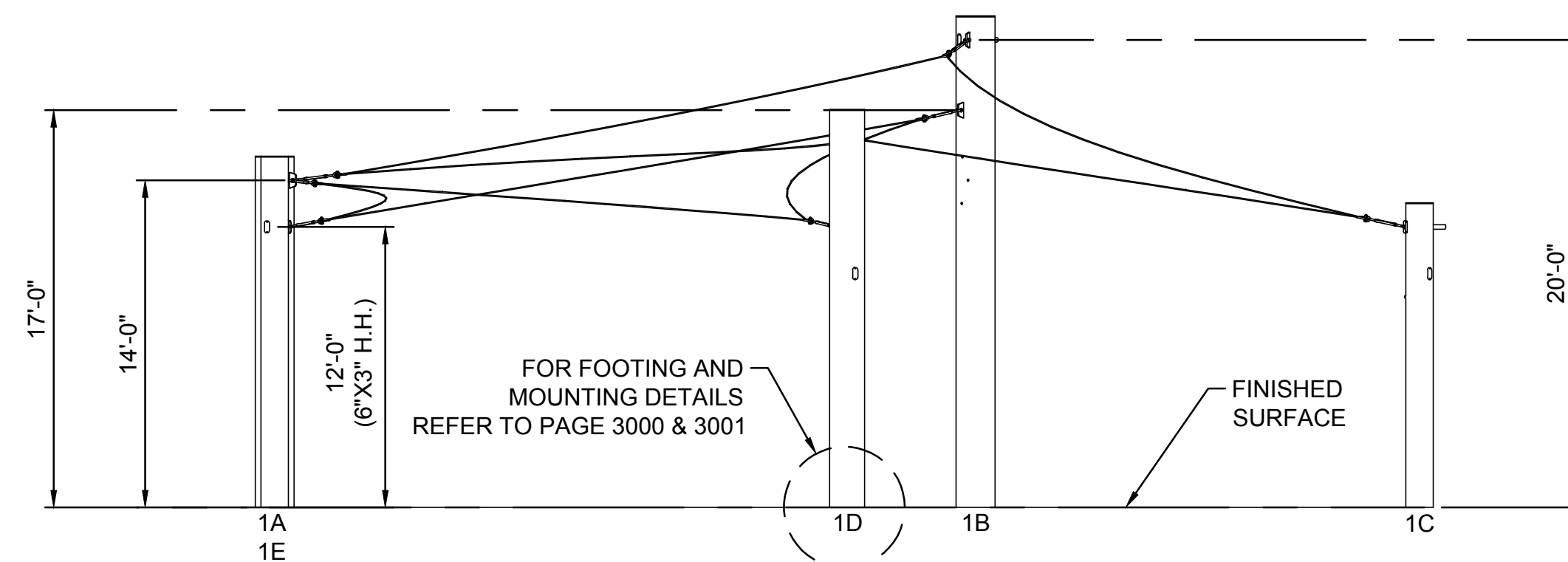
REV. **NC**

PLAN NORTH
FOR TRUE NORTH
SEE CUSTOMER'S
SITE PLAN

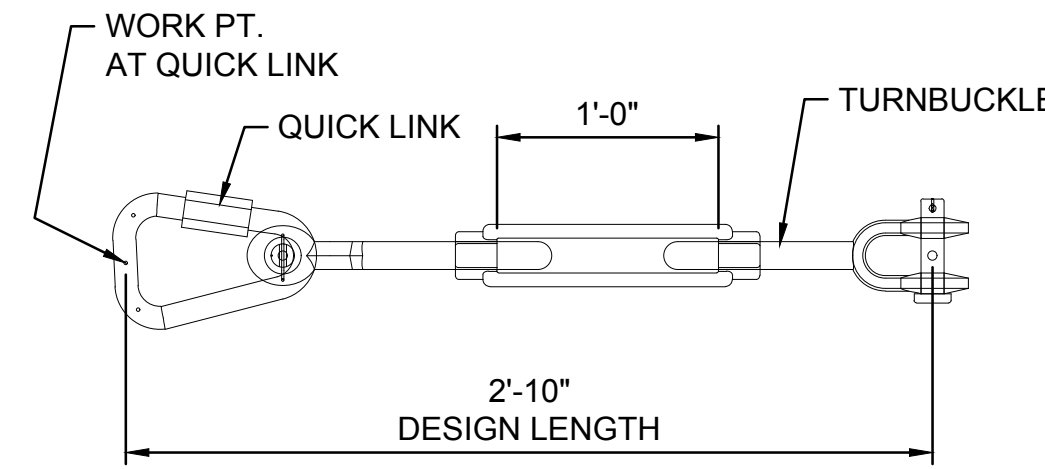
SYMBOLOLOGY
 (00'-00") CONNECTION'S LEVEL
 (MEASURED FROM
 FINISHED SURFACE)
 * APPROXIMATELY,
 TYPICALLY



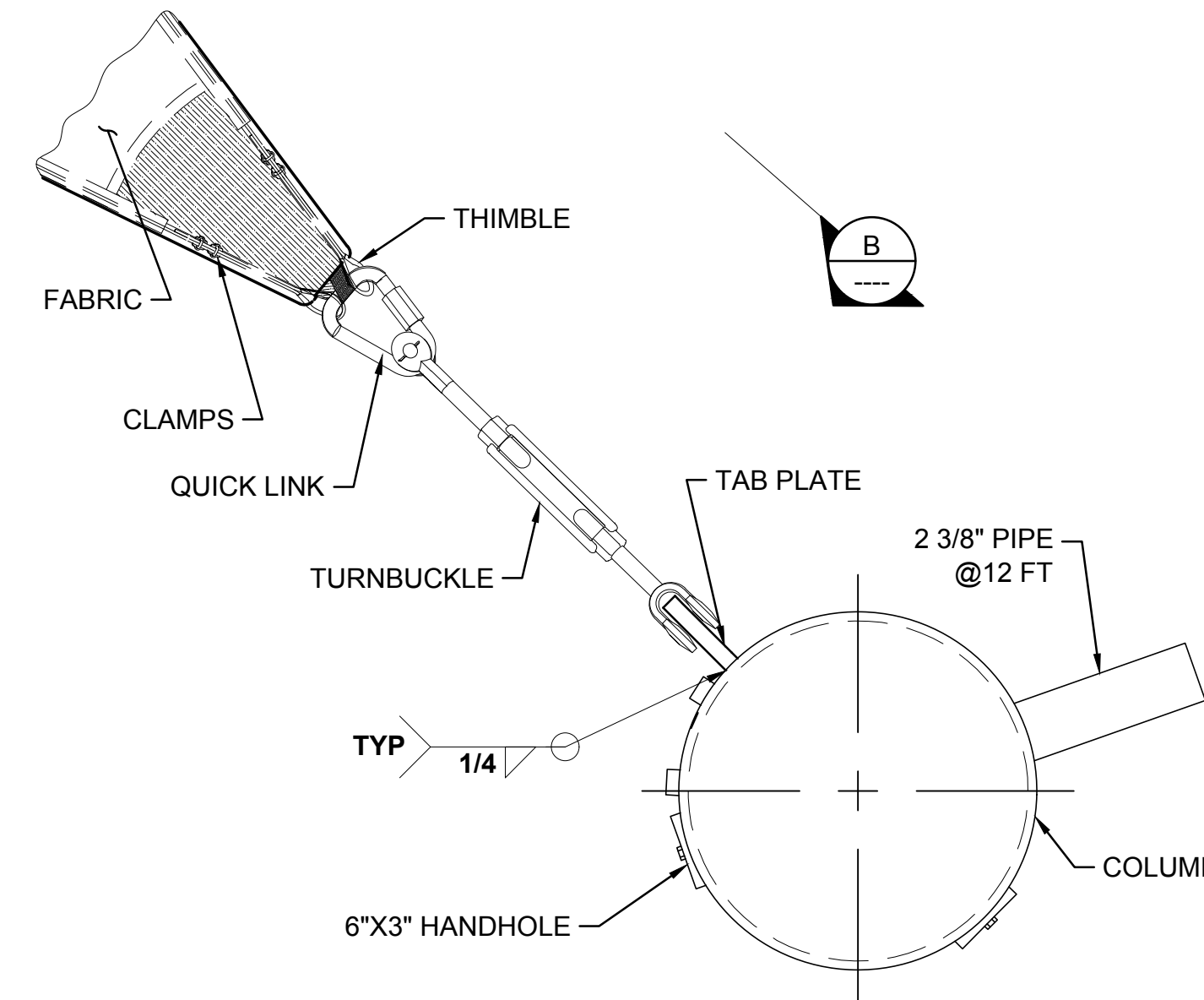
TOP VIEW



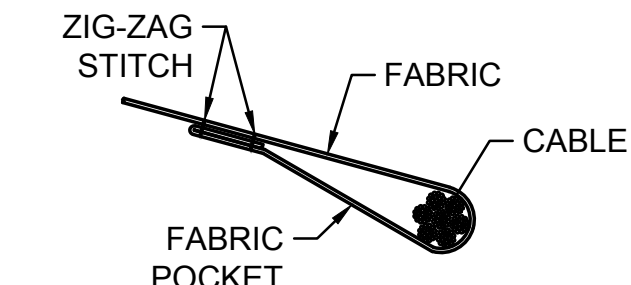
FRONT ELEVATION



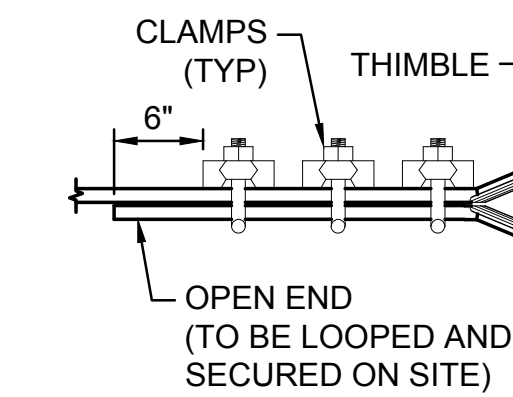
HARDWARE ASSEMBLY
7/8" TURNBUCKLE AND 3/4" QUICK LINK ASSEMBLY



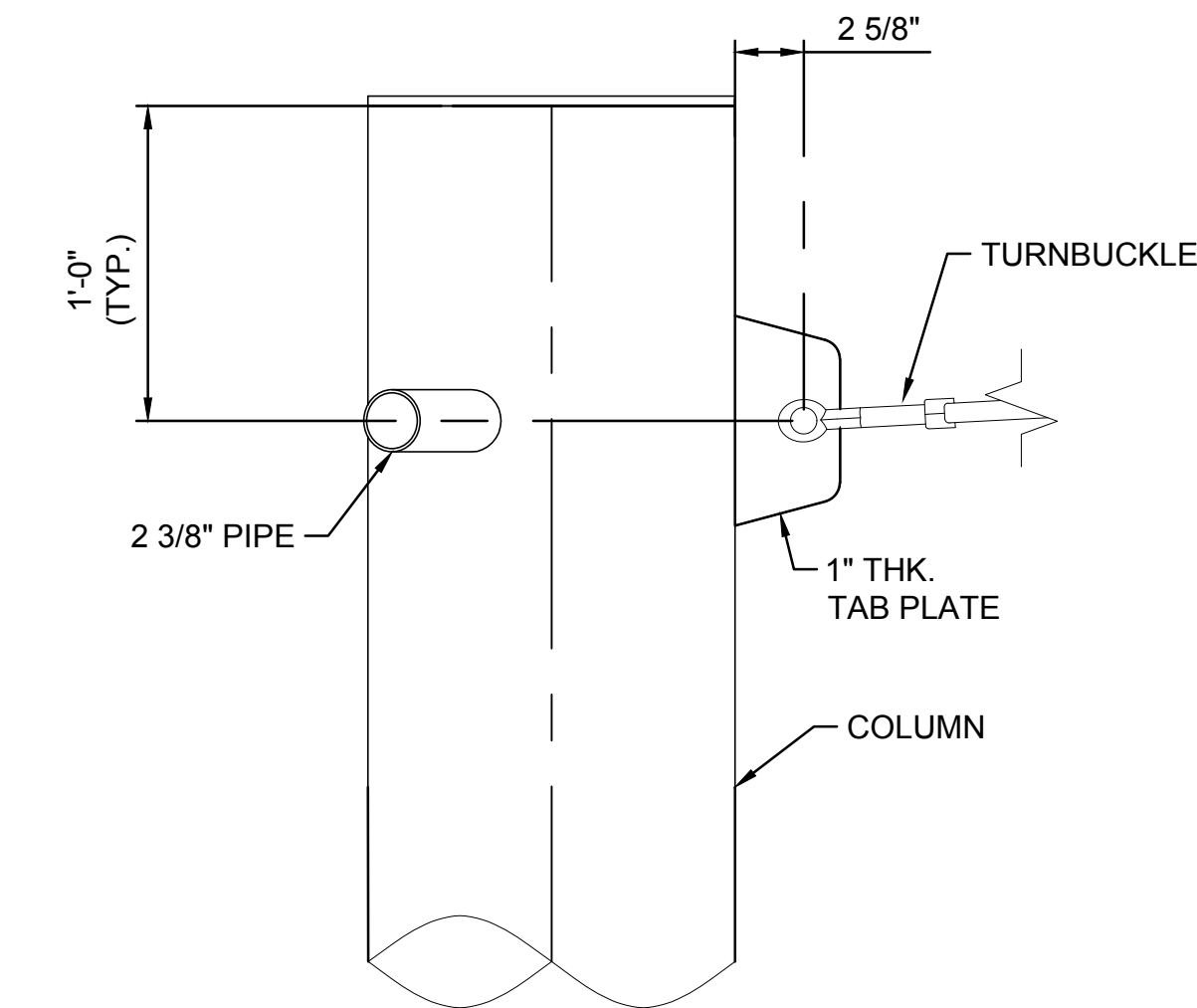
DETAIL 3



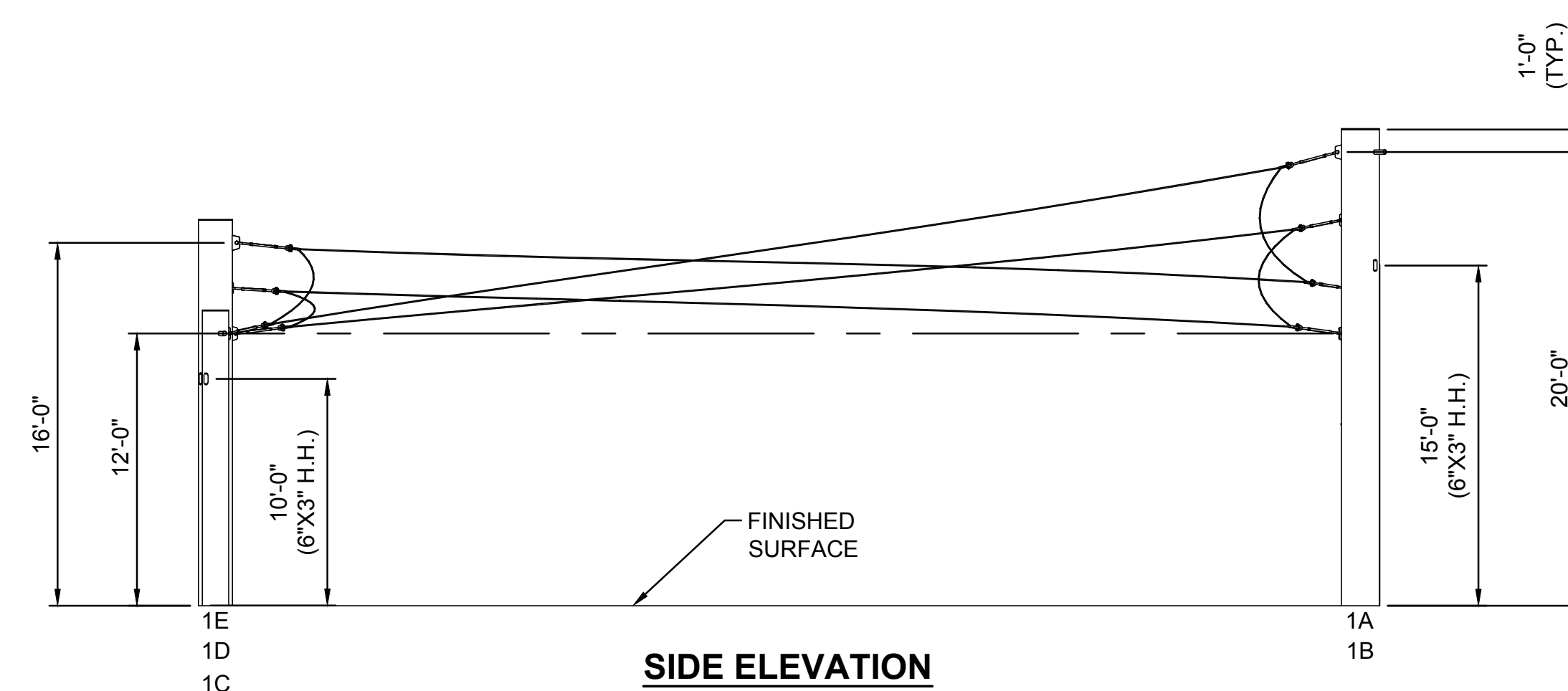
SECTION A-A



Ø1/2" CABLE ASSEMBLY
TYPICAL CABLE END



VIEW B-B



SIDE ELEVATION

THESE PLANS AND SPECIFICATIONS ARE THE PROPERTY OF USA SHADE AND FABRIC STRUCTURES AND SHALL NOT BE REPRODUCED WITHOUT THEIR WRITTEN PERMISSION.



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:
**CONEJO PARKS
AND RECREATION**
PROJECT NAME:
**ALEX FIORE
TEEN CENTER**
LOCATION:
**THOUSAND OAKS
CA**
PROJECT NUMBER:
73793

STRUCTURE TYPE:
**TENSION SAILS
FULL CUSTOM**

SIZE:
SEE PAGE 2000

SCALE : AS NOTED

DRAWING SIZE:
B

REV	DATE	DRW	CHK	ENG
NC	04/29/20	JL	MB	MB

Eng. By : MB 04/29/20

Design By : JL 04/29/20

Approved By : MB 04/29/20

DRAWING DESCRIPTION:

VIEWS AND DETAILS

DWG. **73793-1.0**

PAGE **2000**

REV. **NC**

THESE PLANS AND SPECIFICATIONS ARE THE PROPERTY OF USA SHADE AND FABRIC STRUCTURES AND SHALL NOT BE REPRODUCED WITHOUT THEIR WRITTEN PERMISSION.



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:
CONEJO PARKS AND RECREATION
PROJECT NAME:
ALEX FIORE TEEN CENTER
LOCATION:
THOUSAND OAKS CA
PROJECT NUMBER:
73793

STRUCTURE TYPE:
TENSION SAILS
FULL CUSTOM

SIZE:
SEE PAGE 2000

SCALE : AS NOTED

DRAWING SIZE:
B

MB	MB	JL	04/29/20	NC
ENG	CHK	DRW	DATE	REV
FULL CUSTOM		DESCRIPTION		

Eng. By : MB 04/29/20

Design By : JL 04/29/20

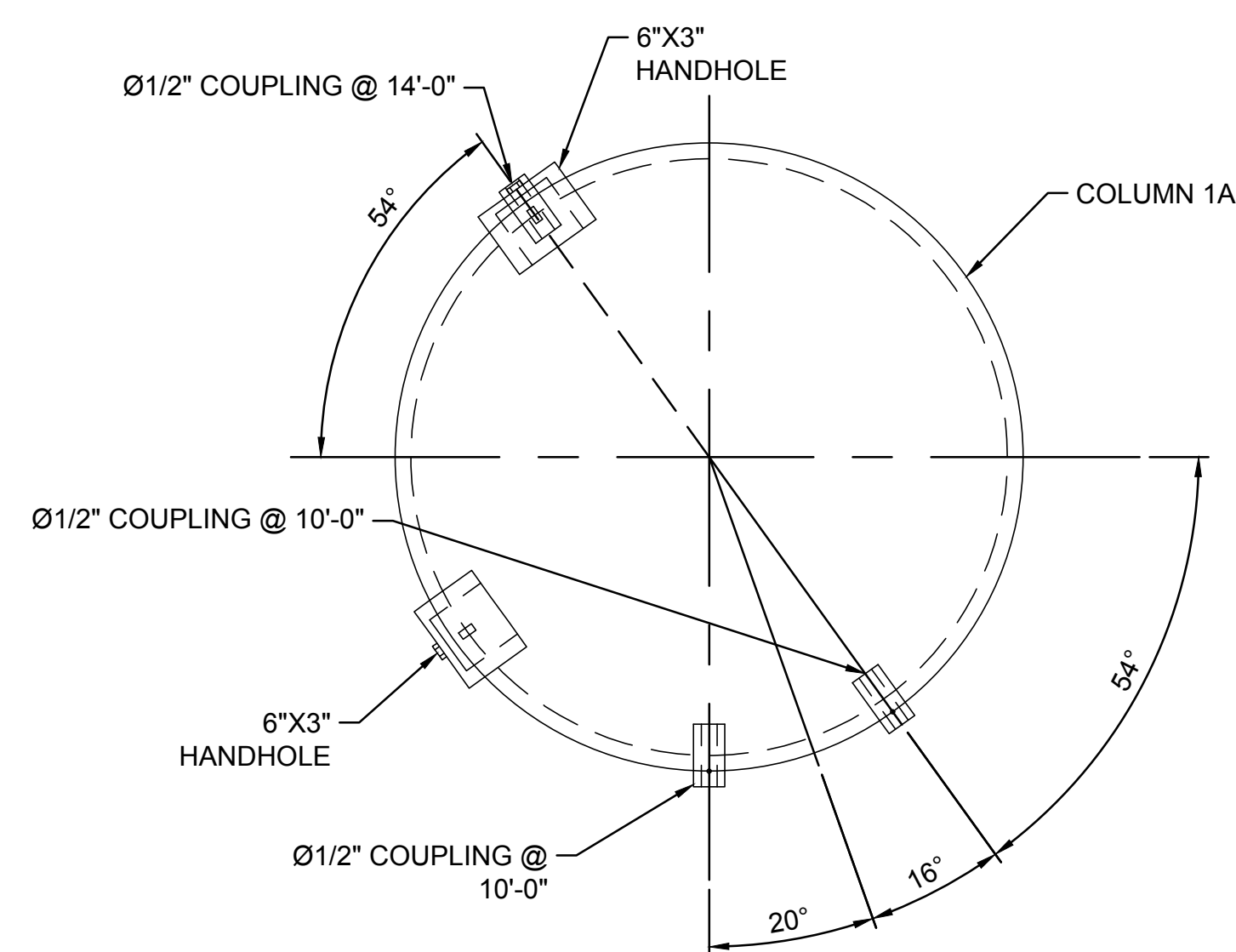
Approved By : MB 04/29/20

DRAWING DESCRIPTION:
VIEWS AND DETAILS

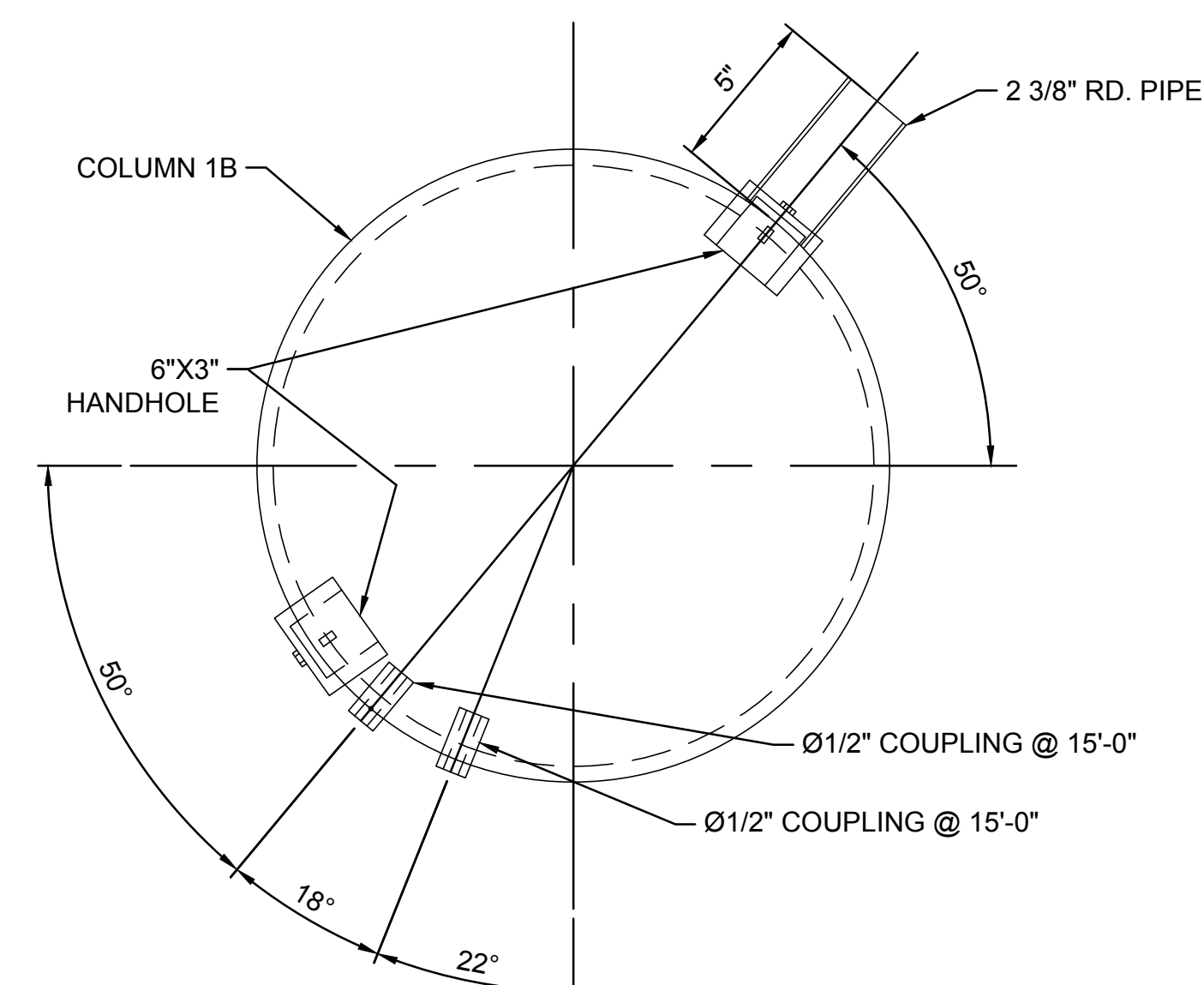
DWG. **73793-1.0**

PAGE **2001**

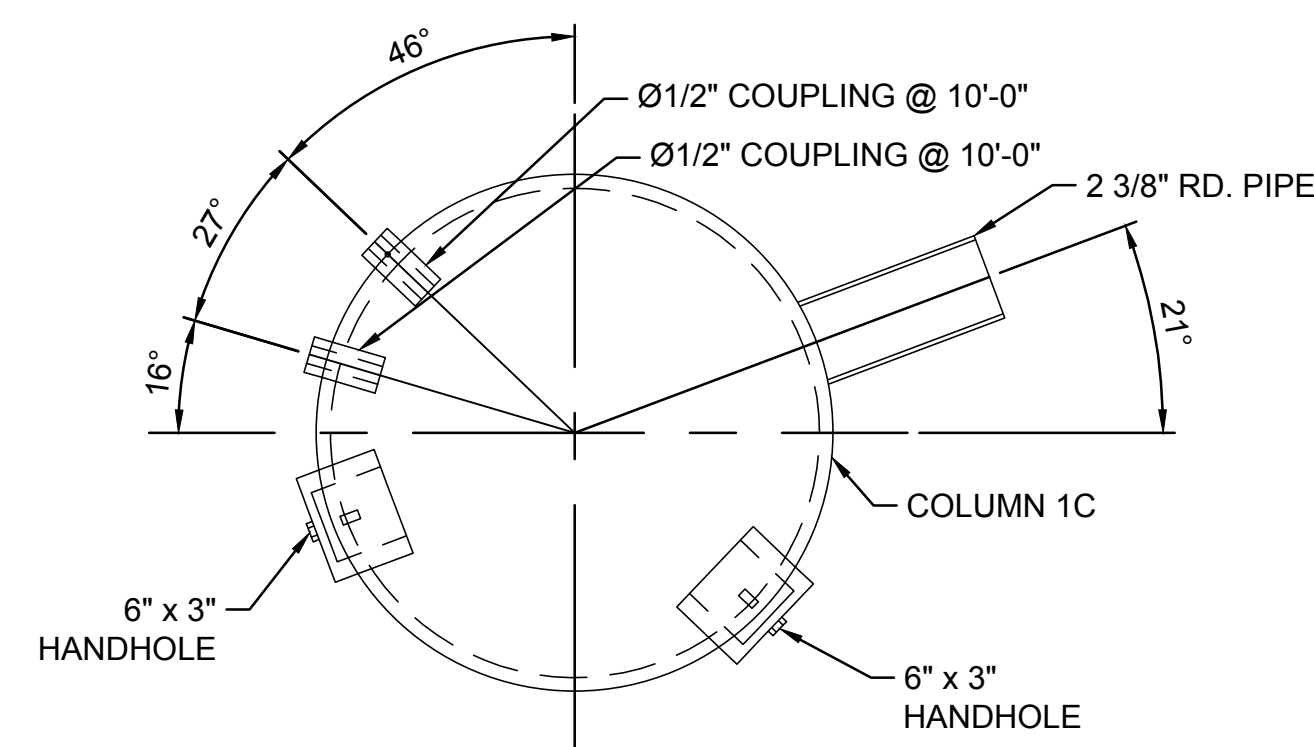
REV. **NC**



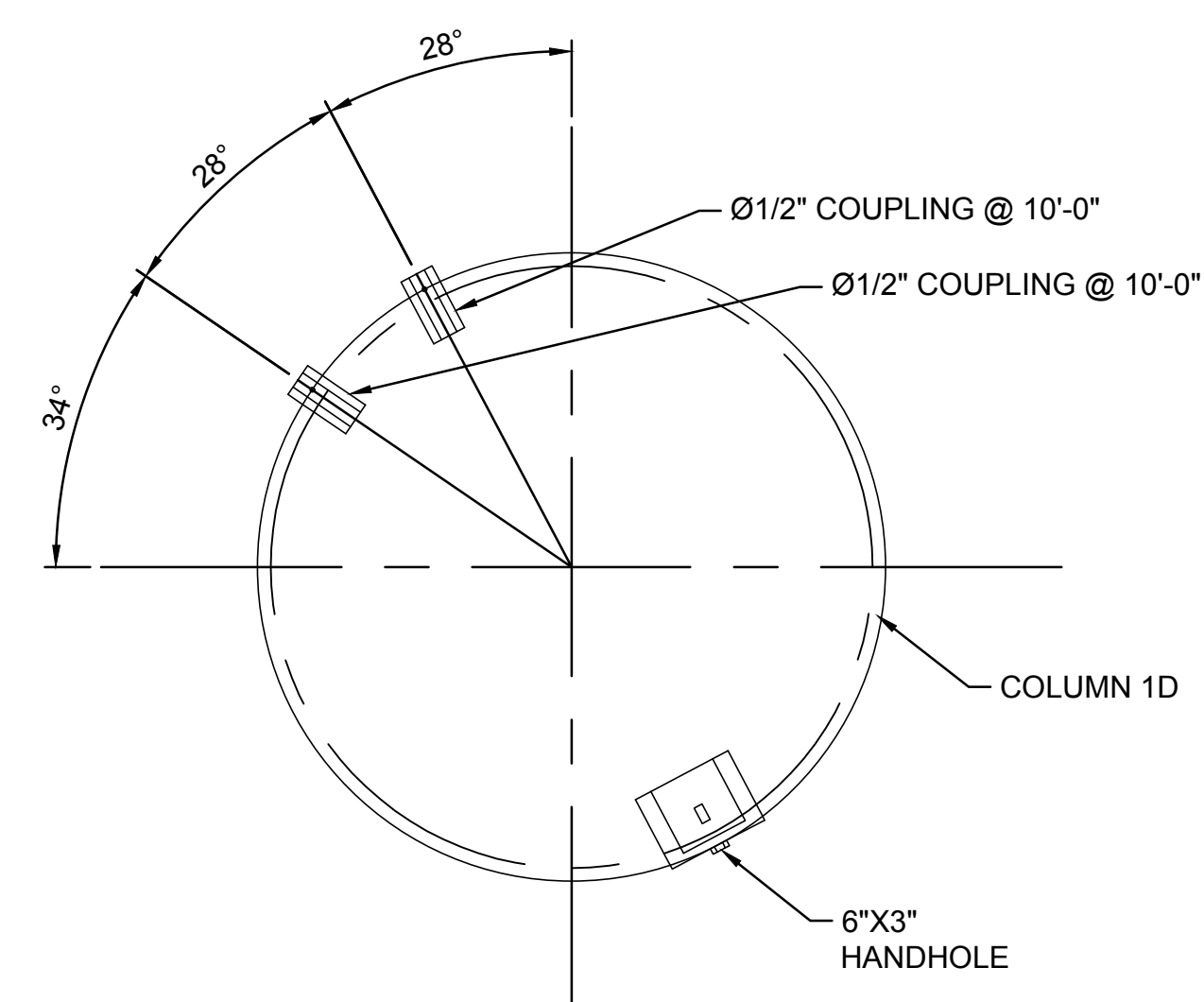
DETAIL 1



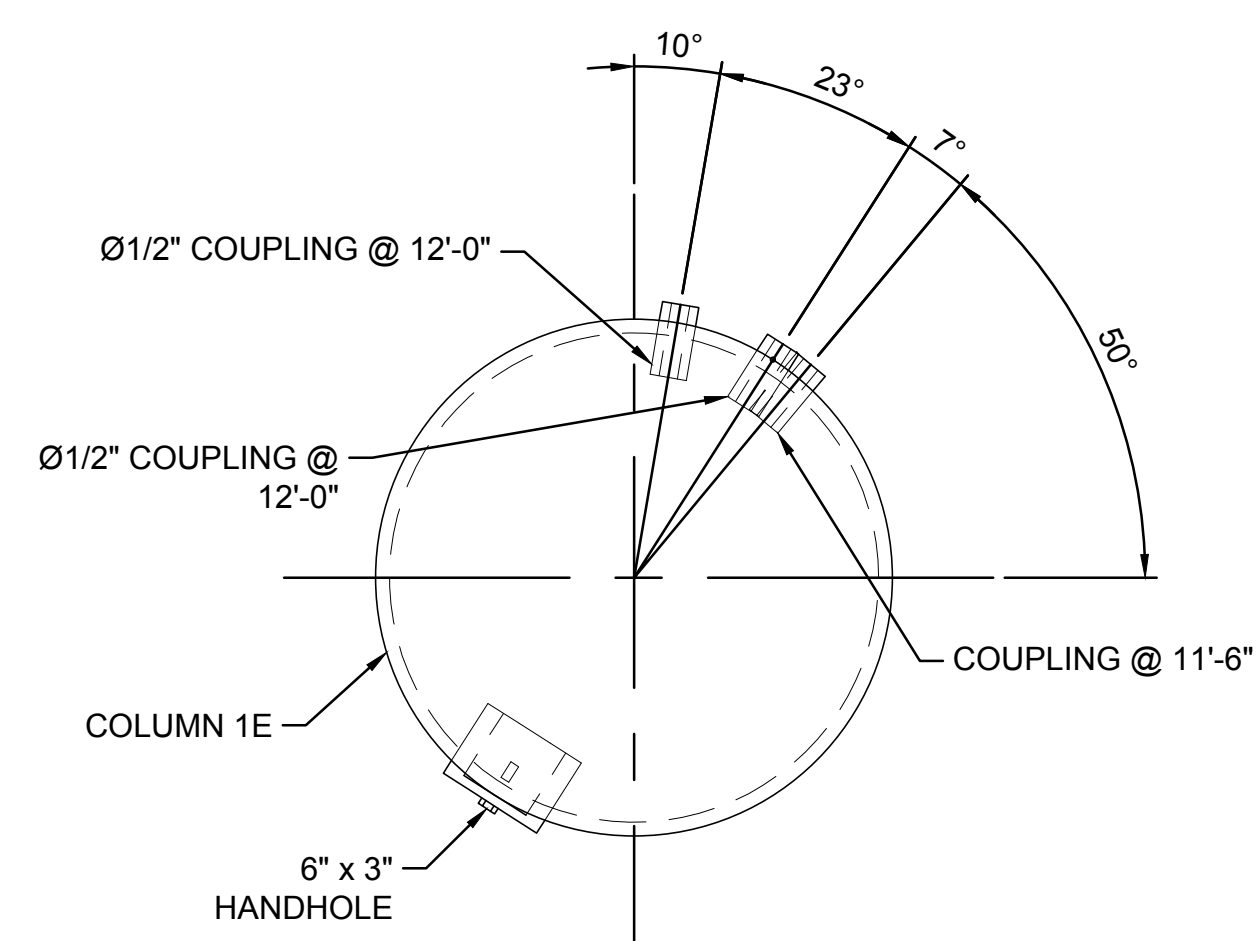
DETAIL 2



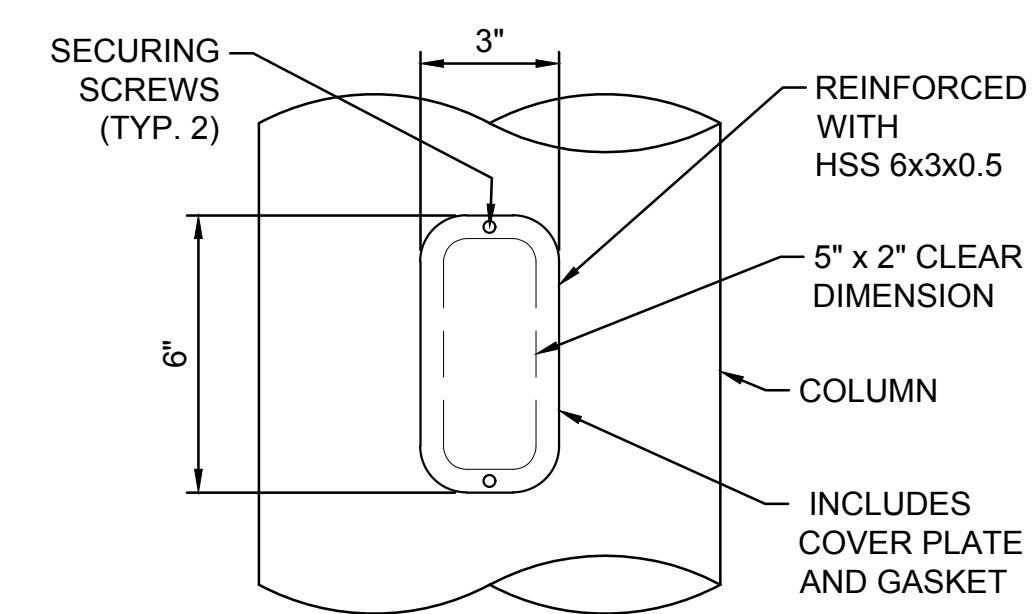
DETAIL 3



DETAIL 4

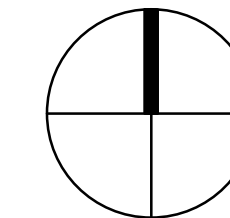


DETAIL 5



HANDHOLE DETAIL

PLAN NORTH



FOR TRUE NORTH
SEE CUSTOMER'S
SITE PLAN

THESE PLANS AND SPECIFICATIONS ARE THE PROPERTY OF USA SHADE AND FABRIC STRUCTURES AND SHALL NOT BE REPRODUCED WITHOUT THEIR WRITTEN PERMISSION.



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

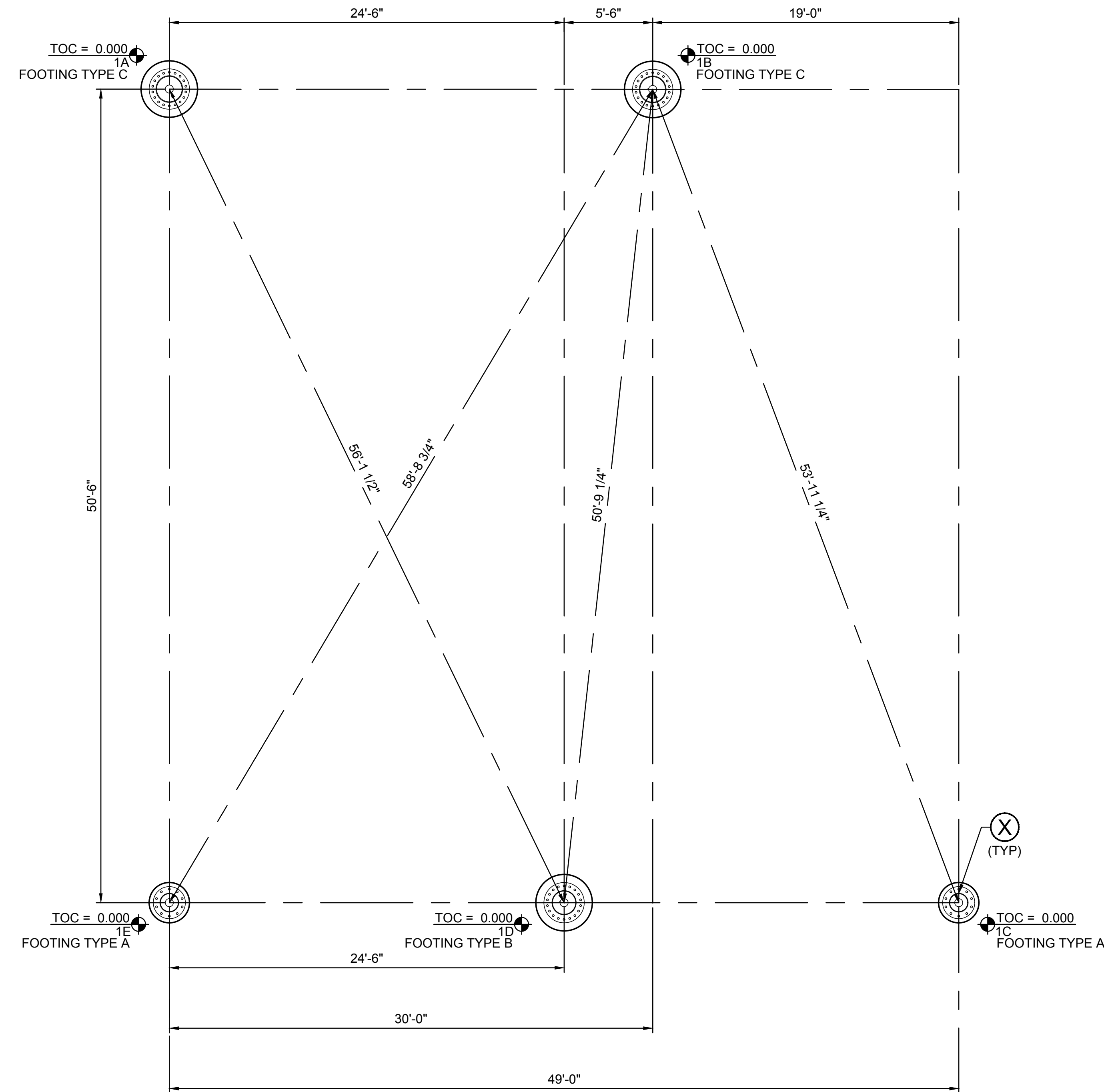
CUSTOMER:
**CONEJO PARKS
AND RECREATION**
PROJECT NAME:
**ALEX FIORE
TEEN CENTER**
LOCATION:
**THOUSAND OAKS
CA**
PROJECT NUMBER:
73793

STRUCTURE TYPE:
**TENSION SAILS
FULL CUSTOM**

SIZE:
SEE PAGE 2000

SCALE : AS NOTED

DRAWING SIZE:
B



FOUNDATION LOCATION PLAN

(ELEVATIONS ARE IN FEET)
(FIELD VERIFY ALL DIMENSIONS AND ELEVATIONS)

DATE	DRW	CHK	ENG
04/29/20	JL	MB	MB

FULL CUSTOM
DESCRIPTION

NC
REV

Eng. By :	MB	04/29/20
Design By :	JL	04/29/20
Approved By :	MB	04/29/20

DRAWING DESCRIPTION:
FOUNDATION LAYOUT

DWG. **73793-1.0**

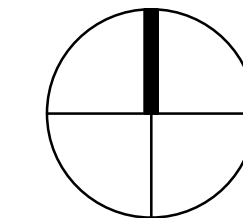
PAGE **3000**

REV. **NC**

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

PLAN NORTH



FOR TRUE NORTH
SEE CUSTOMER'S
SITE PLAN

THESE PLANS AND SPECIFICATIONS ARE THE PROPERTY OF USA SHADE AND FABRIC STRUCTURES AND SHALL NOT BE REPRODUCED WITHOUT THEIR WRITTEN PERMISSION.



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:
CONEJO PARKS AND RECREATION
PROJECT NAME:
ALEX FIORE TEEN CENTER
LOCATION:
THOUSAND OAKS CA
PROJECT NUMBER:
73793

STRUCTURE TYPE:
TENSION SAILS
FULL CUSTOM

SIZE:
SEE PAGE 2000

SCALE : AS NOTED

DRAWING SIZE:
B

MB	MB	MB	MB
JL	JL	JL	JL
04/23/20	04/23/20	04/23/20	04/23/20
DATE	DRW	CHK	ENG
NC	REV		

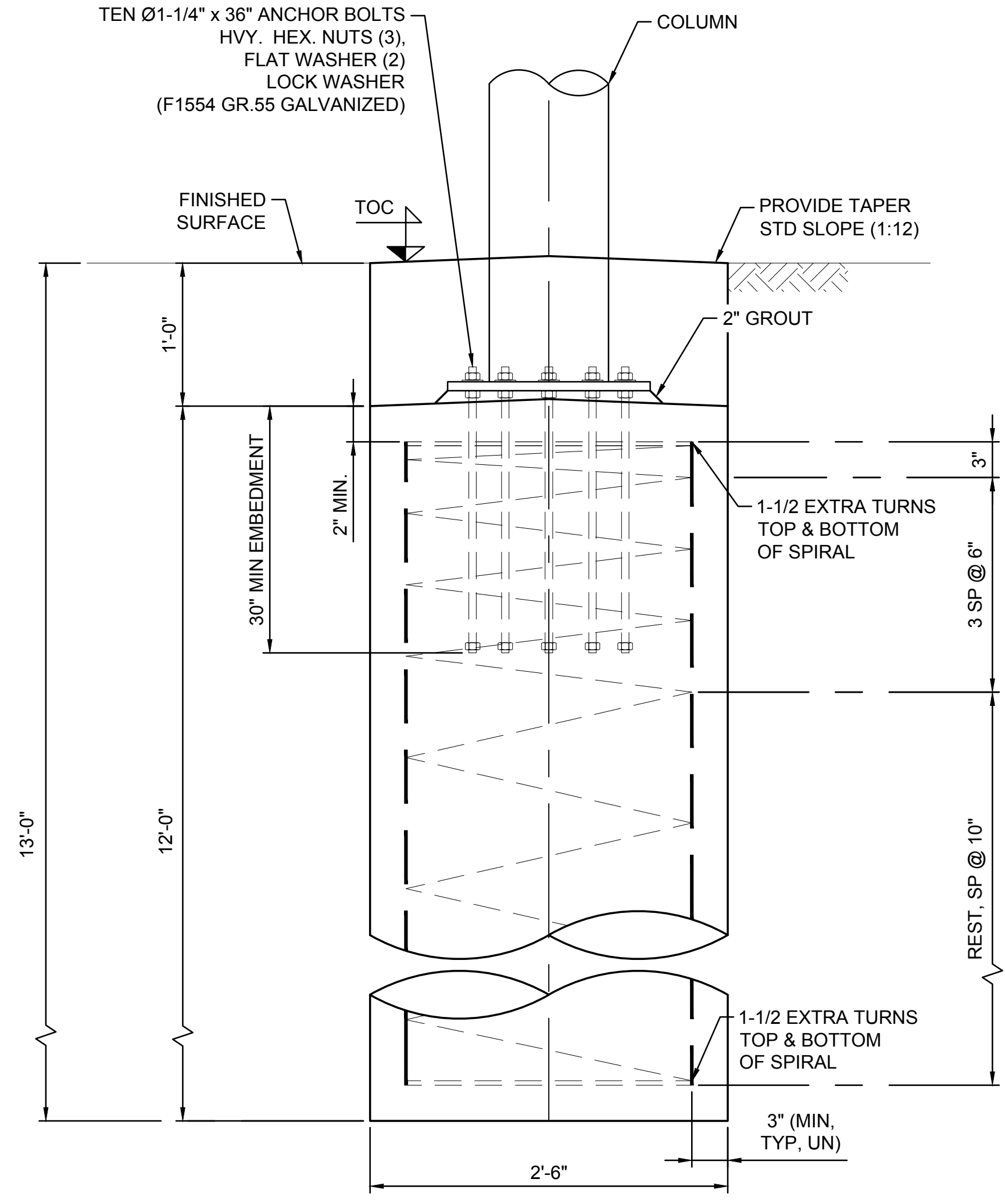
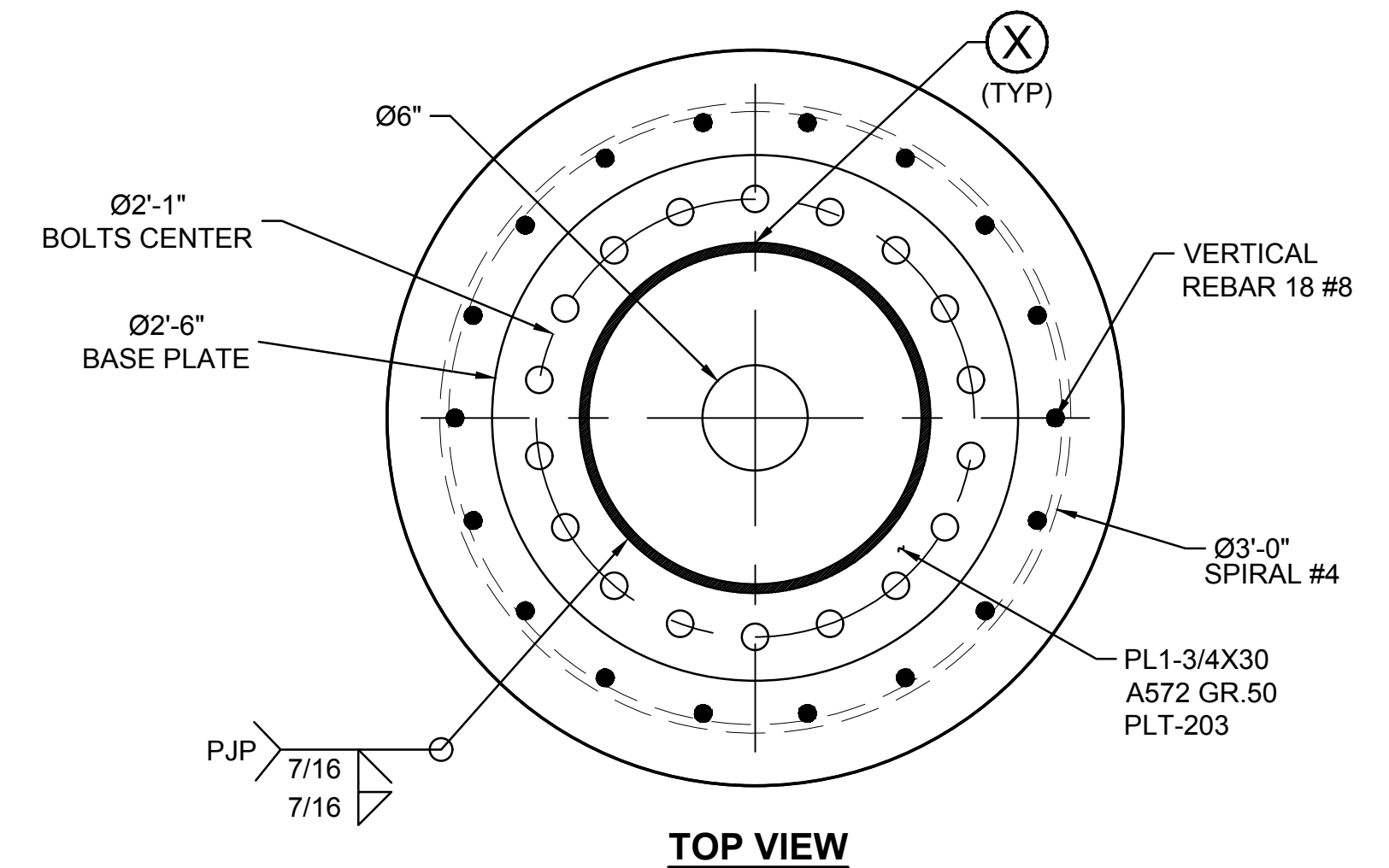
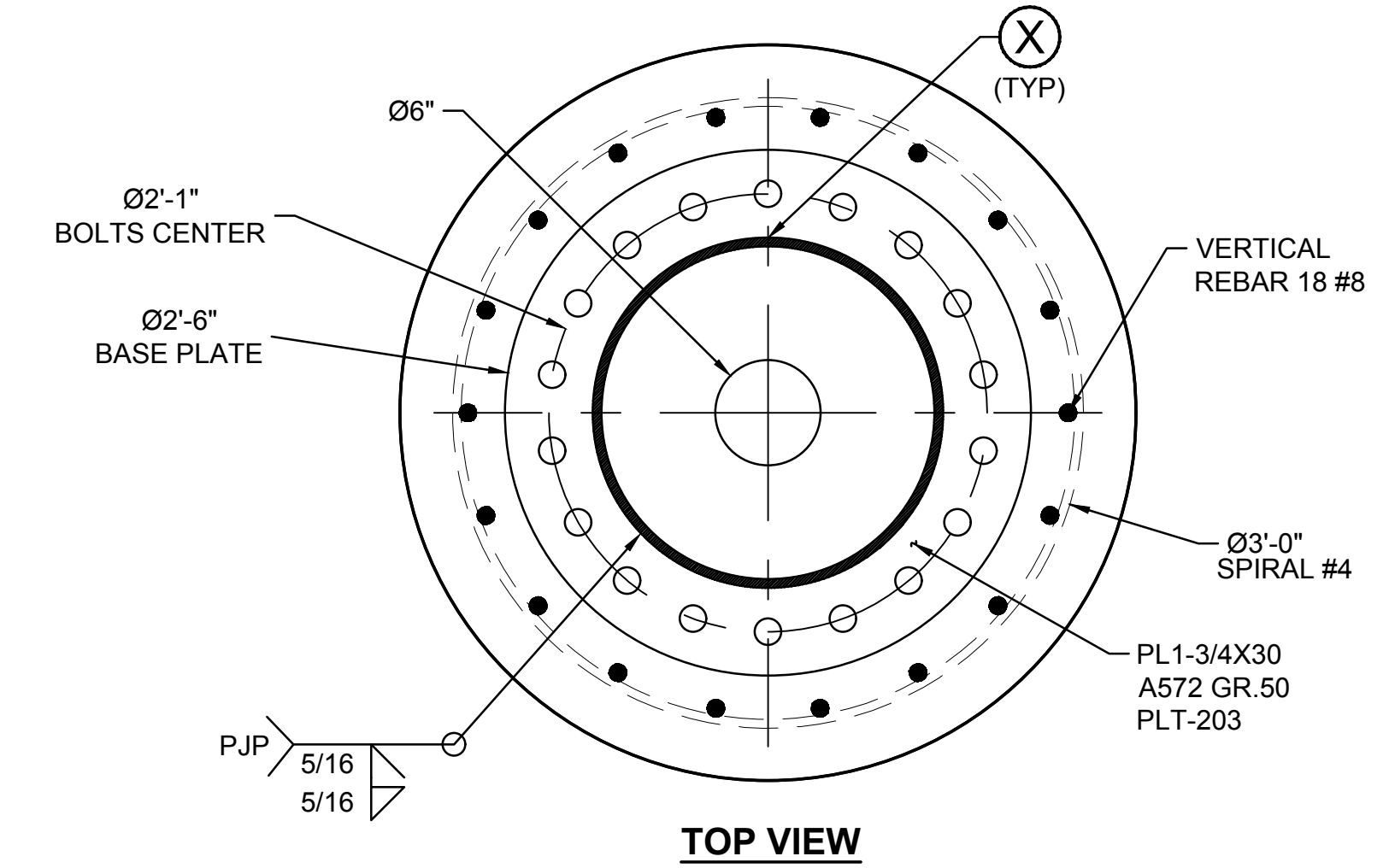
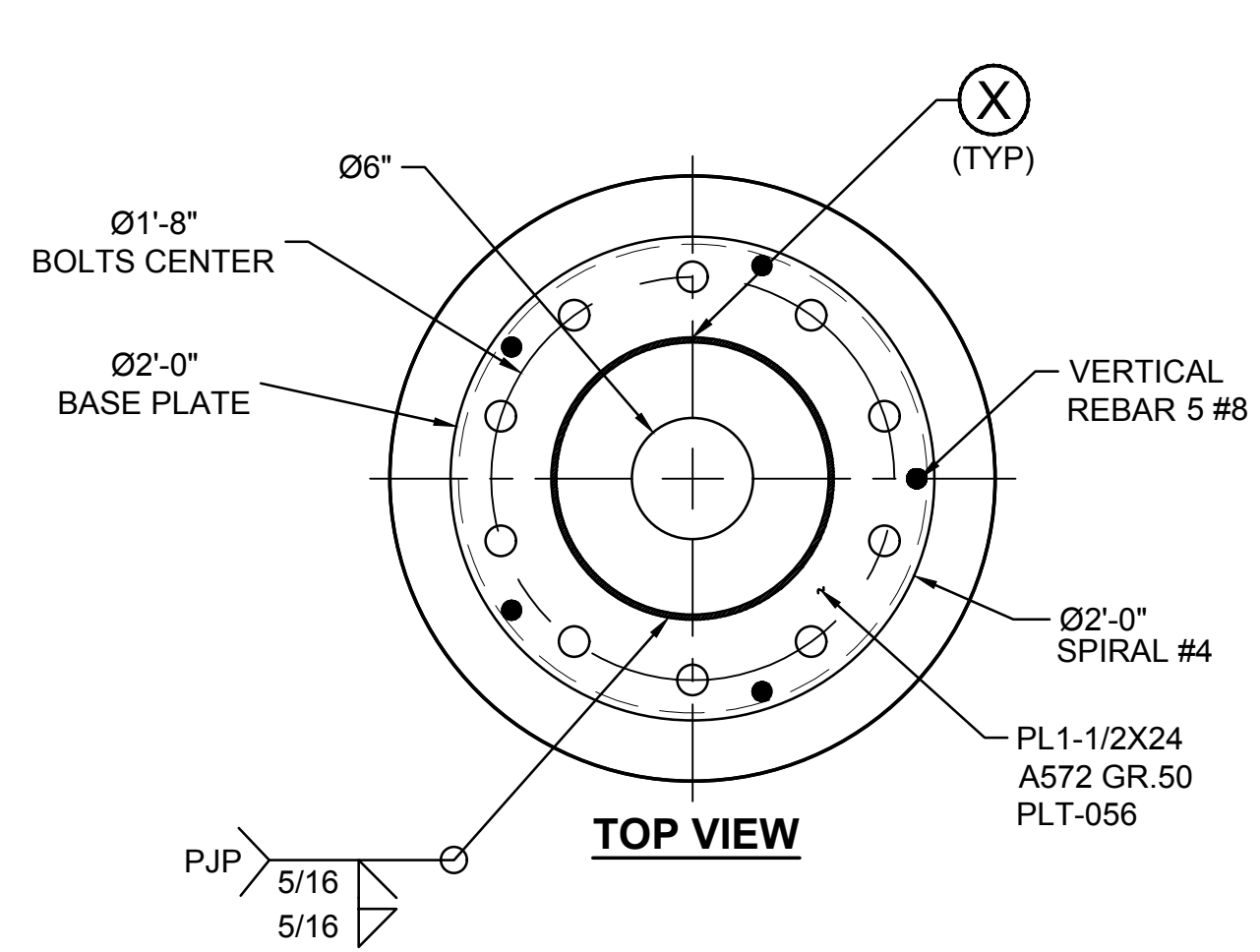
Eng. By : MB 04/29/20
 Design By : JL 04/29/20
 Approved By : MB 04/29/20

DRAWING DESCRIPTION:
FOOTING DETAILS

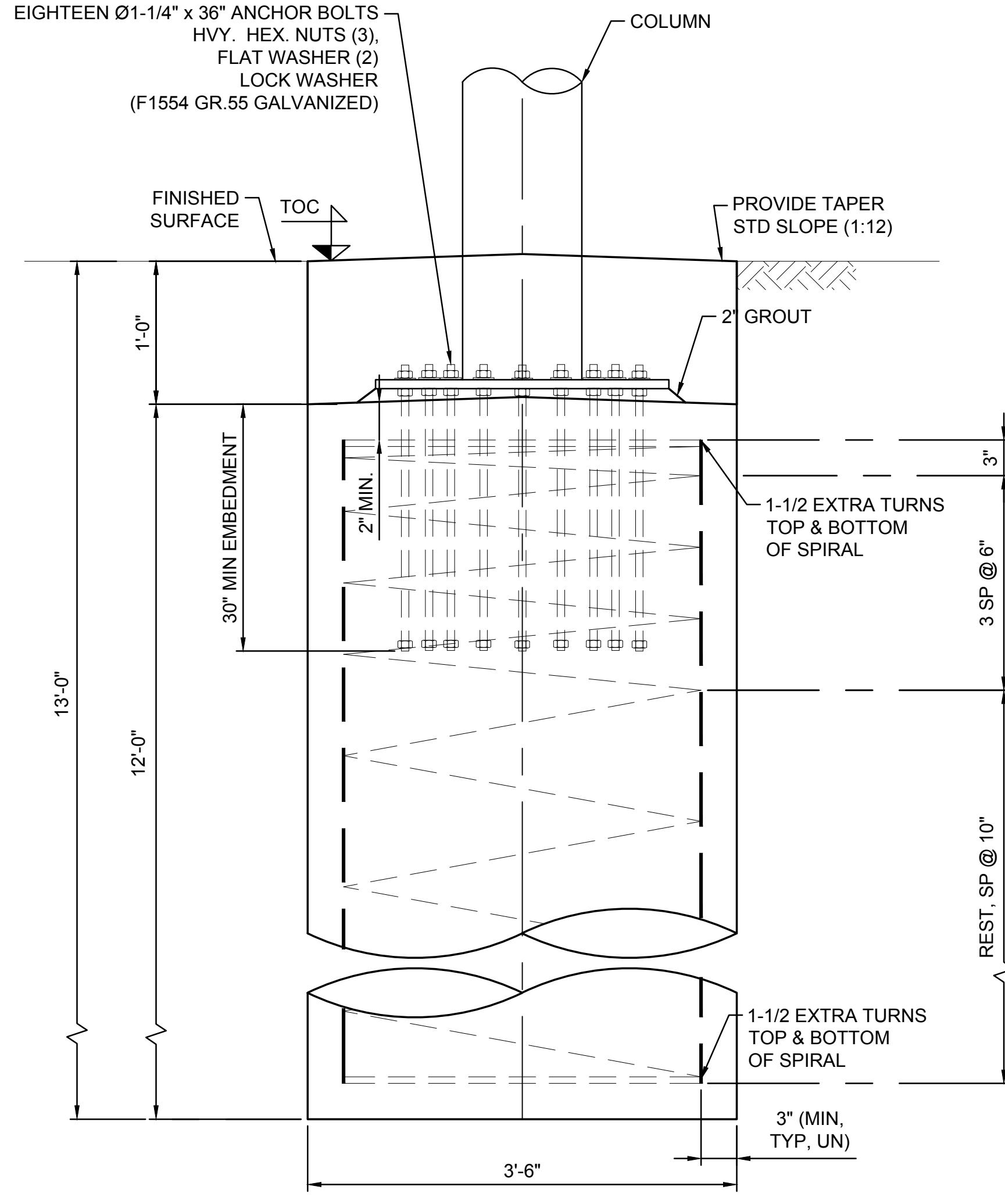
DWG. **73793-1.0**

PAGE **3001**

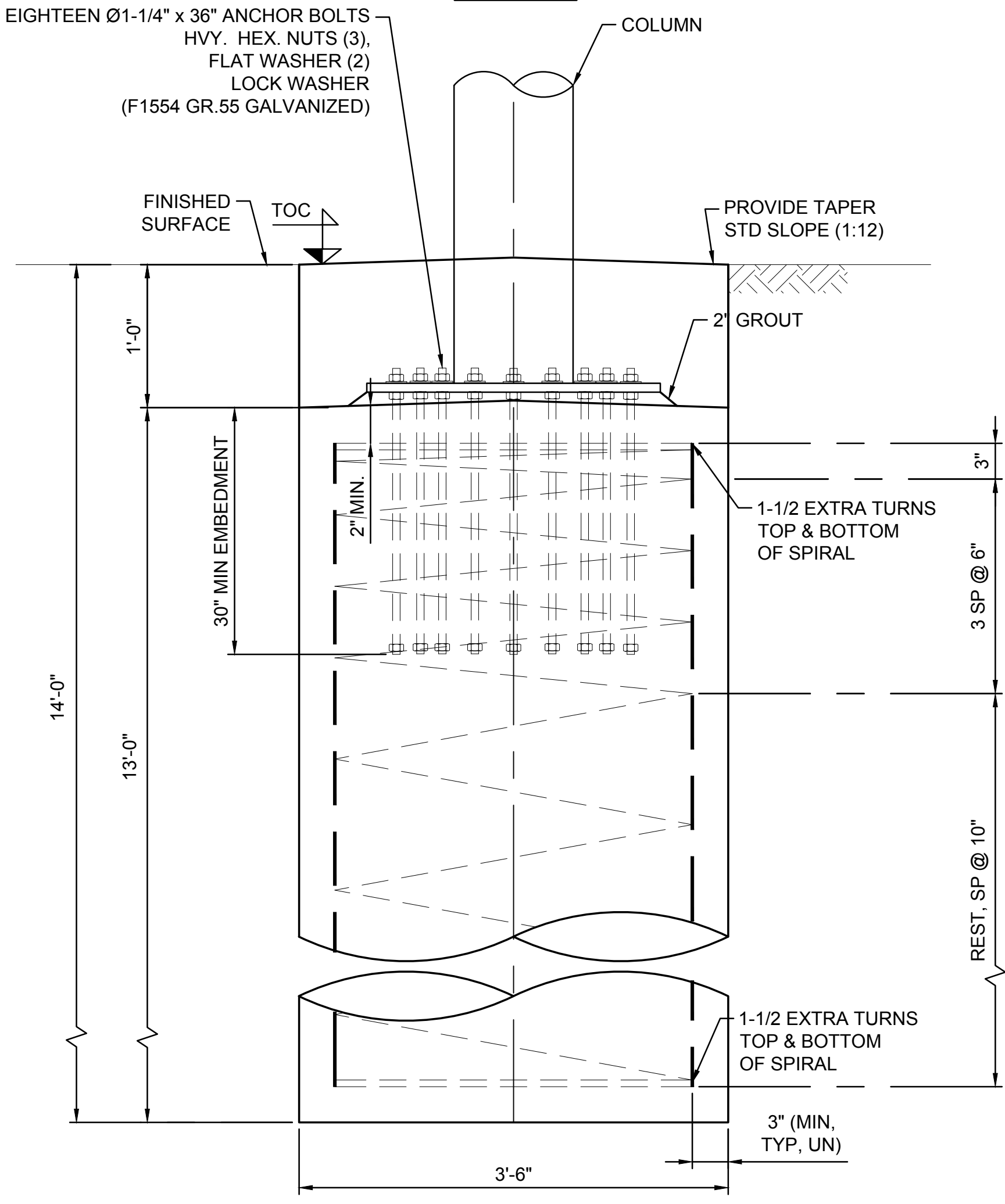
REV. **NC**



FOOTING A Ø 2'-6" X 12'-0" S
(RBP-RECESSED BASE PLATE)
USE FOR NON-CONSTRAINED CASES



FOOTING B Ø 3'-6" X 12'-0" S
(RBP-RECESSED BASE PLATE)
USE FOR NON-CONSTRAINED CASES



FOOTING C Ø 3'-6" X 13'-0" S
(RBP-RECESSED BASE PLATE)
USE FOR NON-CONSTRAINED CASES

GENERAL NOTES

DESIGN LOADS

BUILDING CODE	CBC 2019 (BASED ON IBC 2018)
LIVE LOADS	5 PSF
SNOW LOAD	5 PSF
WIND LOADS	115 MPH ¹
	3-Sec. Gust, RISK CATEGORY II & EXPOSURE C

1.- 115 MPH ACCORDING THE ULTIMATE WIND SPEED MAPS OF ASCE 7-16 IS EQUIVALENT TO THE NOMINAL WIND SPEED OF 90 MPH ACCORDING ASCE 7-05 AND IBC 2018 EQ 16-33.

STRUCTURAL STEEL

1.- 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	46,000 PSI YIELD / 62,000 PSI TENSILE

2.- ALL GALVANIZED STEEL TUBE PRODUCTS ARE MANUFACTURED PER ASTM A500, TYPICAL MECHANICAL PROPERTIES ACHIEVED FOR GALVANIZED TUBE PRODUCTS:

ROUND TUBE	45,000 PSI YIELD / 48,000 PSI TENSILE
------------	---------------------------------------

3.- ALL PLATES SHALL COMPLY WITH ASTM A572 GRADE 50.

4.- 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.

5.- STRUCTURAL STEEL SHALL BE DETAILED, FABRICATED AND ERECTED IN ACCORDANCE WITH A.I.S.C. SPECIFICATIONS.

6.- 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.

7.- 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.

8.- ALL HIGH STRENGTH BOLTS SHALL COMPLY WITH ASTM A325 TYPE 1 OR A490 TYPE 1. ALL NUTS SHALL COMPLY WITH ASTM A563DH, AND WASHERS SHALL COMPLY WITH ASTM F436.

9.- ALL HIGH STRENGTH BOLTS SHALL BE TIGHTENED TO A SNUG TIGHT CONDITION.

10.- 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.

11.- ALL STRUCTURAL STEEL SHALL BE PAINTED WITH ONE SHOP COAT (2.5 TO 3.5 MILS THICK MIN). THIS COAT IS A WEATHER RESISTANT POWDER COATING BASED ON POLYESTER TGIC (MANUFACTURED BY SHERWIN WILLIAMS 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. SOFTNES

FABRIC SPECIFICATION

1.- 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.

2.- FABRIC SPECIFICATIONS:	SOLID COLORS	STRIPE COLORS
- TEAR STRENGTH	WARP 220.4622 LB WEFT 462.9707 LB	WARP 182.9836LB WEFT 401.2413LB
- 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		

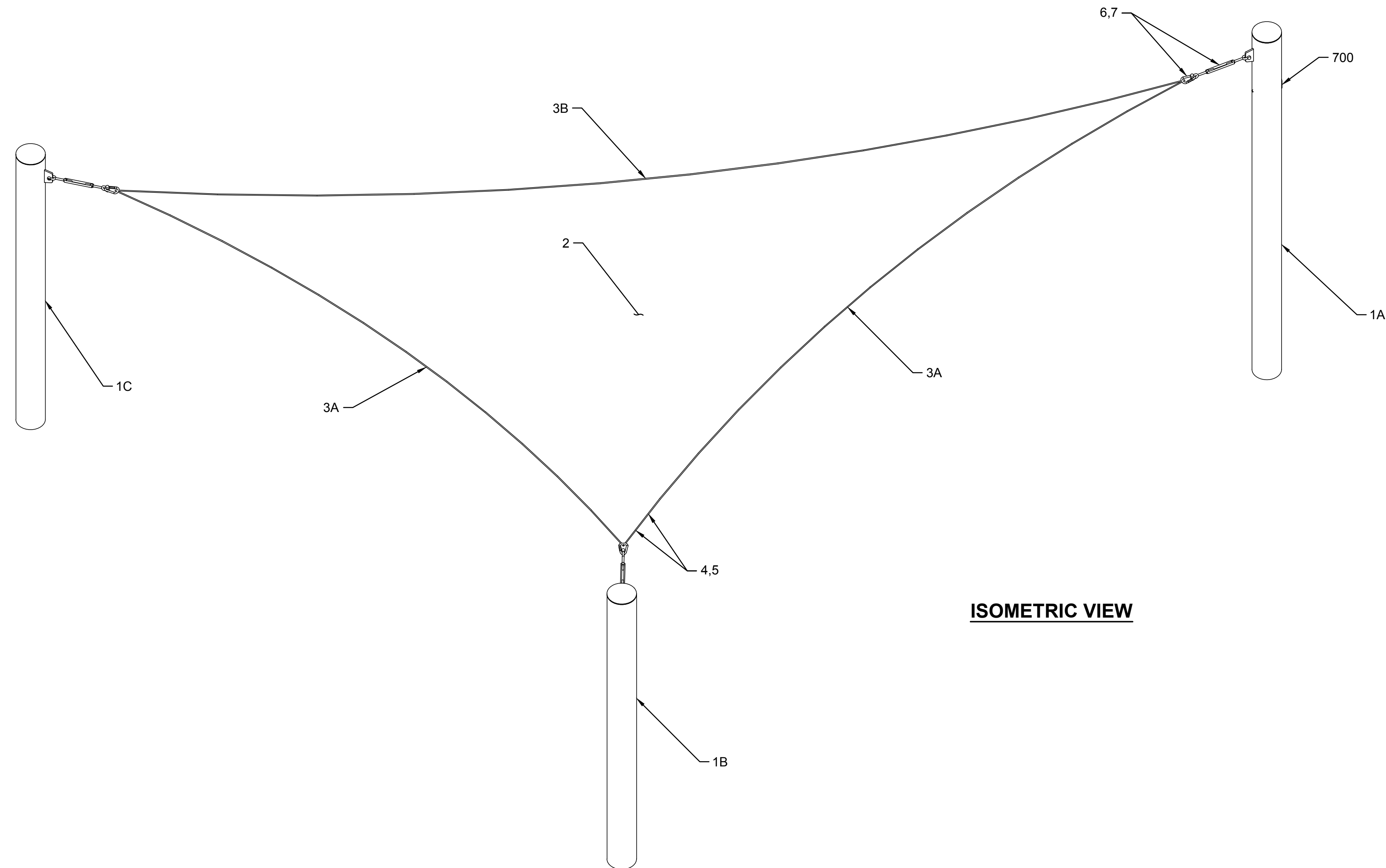
3.- FIRE TEST ON FABRIC: NFPA 701 TEST 2 AND ASTM E 84

4.- 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

1.- WIRE ROPE CABLE SHALL BE 6x19 STRAND CORE GALVANIZED WIRE ROPE WITH A BREAKING STRENGTH VALUE OF 20,500 LBS (1/2" DIAMETER).

2.- CABLES SHALL BE FED THROUGH THE FABRIC SLEEVES AROUND THE PERIMETER OF THE CANOPY AND TENSIONED UNTIL THE FABRIC PANELS (DESIGNED PURPOSELY UNDERSIZED) REACH A TAUNT 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	MATERIAL / DWG	SMI PART NO.
STEEL AND BOLTS				
1A	1	COLUMN	HSS Ø14.00 x 0.375	N/A
1B	1	COLUMN	HSS Ø14.00 x 0.375	N/A
1C	1	COLUMN	HSS Ø14.00 x 0.375	N/A
700	1	HANDHOLE COVER KIT	6" x 3" H.H. COVER KIT	HHCOV KIT-63
800	30	ANCHOR ROD SET 1-1/4" x 36"	F1554 GR55 (GALVANIZED)	307615
FABRIC AND HARDWARE				
2	1	FABRIC (CUSTOM)	HDPE MESH	AREA: 319 SQF, WEIGHT: 14 LBS
3A	2	45 FT OF Ø1/2" STEEL CABLE	GALVANIZED CABLE	307605
3B	1	55 FT OF Ø1/2" STEEL CABLE	GALVANIZED CABLE	307605
4	6	Ø1/2" THIMBLE	GALVANIZED	308062
5	18	Ø1/2" CABLE CLAMP	GALVANIZED	307627
6	3	TURNBUCKLE (JAW-JAW)	7/8" x 12" (GALVANIZED)	308122
7	3	3/4" QUICK LINK	ZINC PLATED	308205

CODE ANALYSIS				
BUILDING	OCCUPANCY	CONSTRUCTION TYPE	AREA (SQF)	OCCUPANT LOAD
SHADE STRUCTURE	U	V-B	636	N/A
SEE PAGE 2000				

NOTICE

FABRIC TOP NEEDS TO BE REMOVED IF SNOW EXCEEDING 5 PSF IS ANTICIPATED

FABRIC TOP NEEDS TO BE REMOVED IF WINDS EXCEEDING 115 MPH ARE ANTICIPATED, SEE NOTE 1 OF DESIGN LOADS

THESE PLANS AND SPECIFICATIONS ARE THE PROPERTY OF USA SHADE AND FABRIC STRUCTURES AND SHALL NOT BE REPRODUCED WITHOUT THEIR WRITTEN PERMISSION.



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:
CONEJO PARKS AND RECREATION
PROJECT NAME:
ALEX FIORE TEEN CENTER
LOCATION:
THOUSAND OAKS CA
PROJECT NUMBER:
73793

STRUCTURE TYPE:
TENSION SAILS
FULL CUSTOM

SIZE:
SEE PAGE 2000

SCALE : AS NOTED

DRAWING SIZE:
B

REV	DATE	DRW	CHK	ENG	DESCRIPTION
NC	04/29/20				FULL CUSTOM

Eng. By : MB 04/29/20
Design By : JL 04/29/20
Approved By : MB 04/29/20

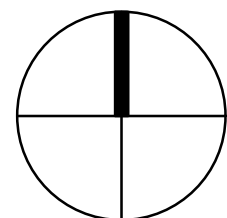
DRAWING DESCRIPTION:
NOTES / LOM

DWG. **73793-3.0**

PAGE **1000**

REV. **NC**

PLAN NORTH

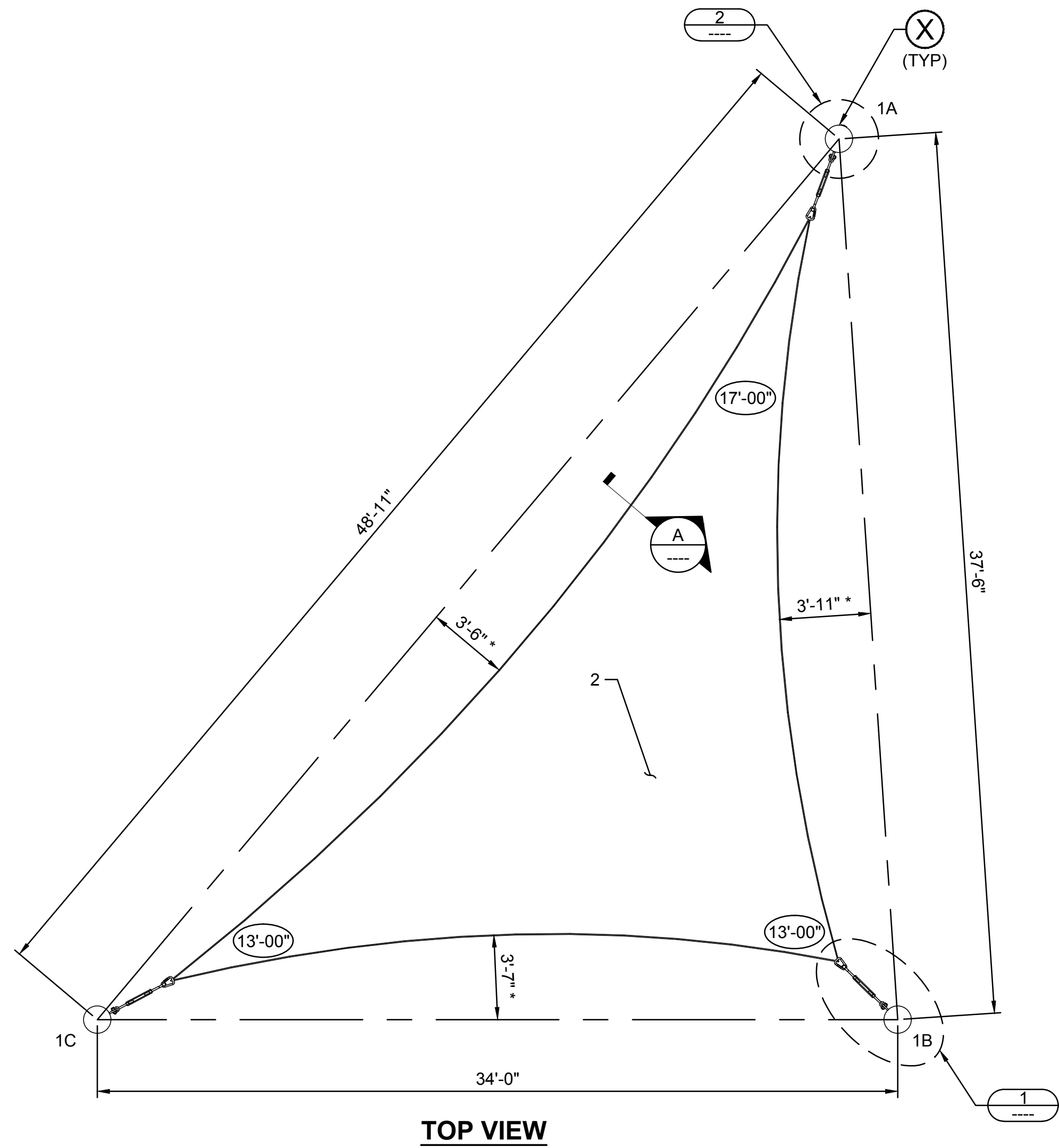


FOR TRUE NORTH
SEE CUSTOMER'S
SITE PLAN

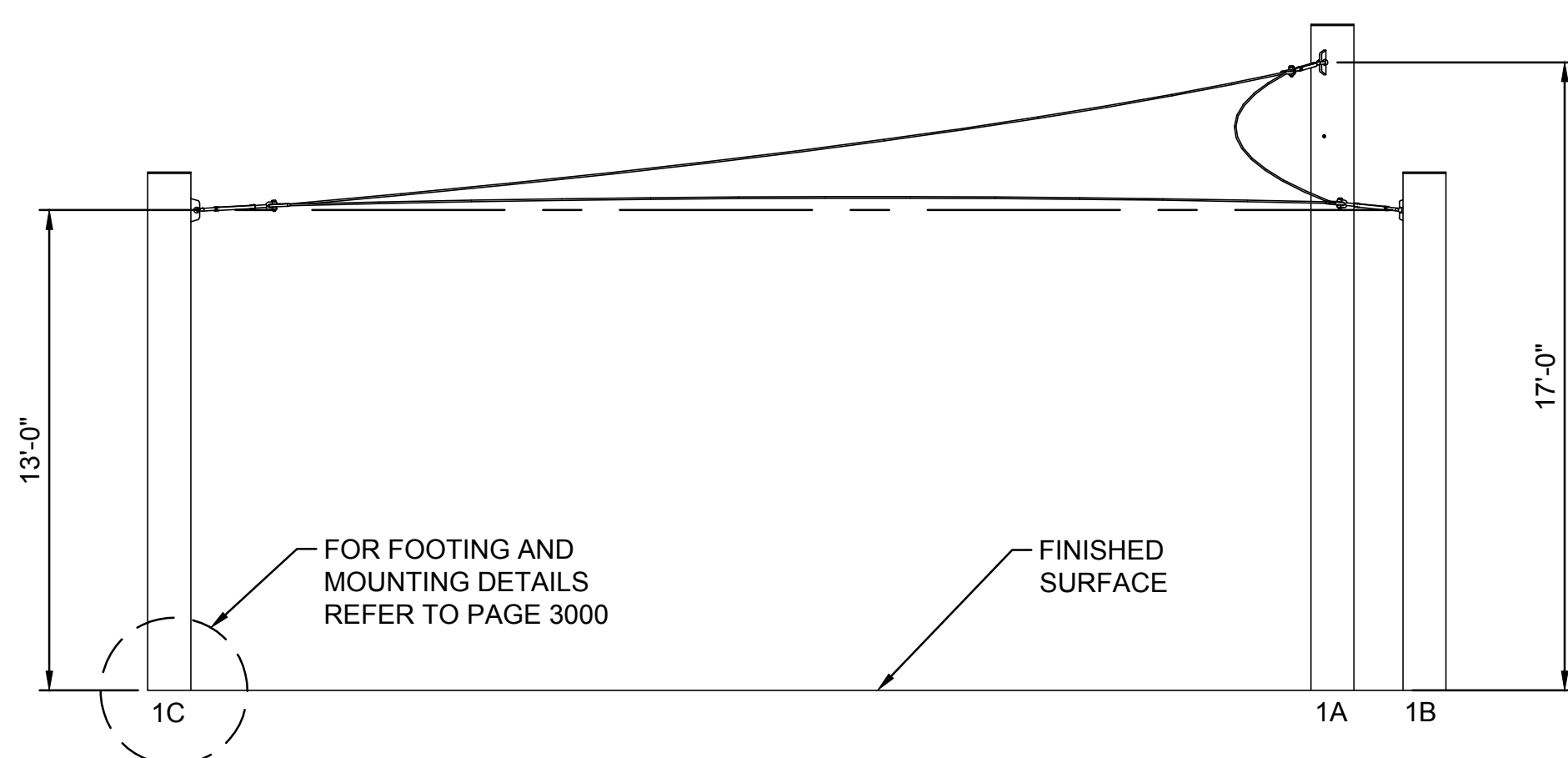
SYMBOLGY

(00'-00") CONNECTION'S LEVEL
(MEASURED FROM
FINISHED SURFACE)

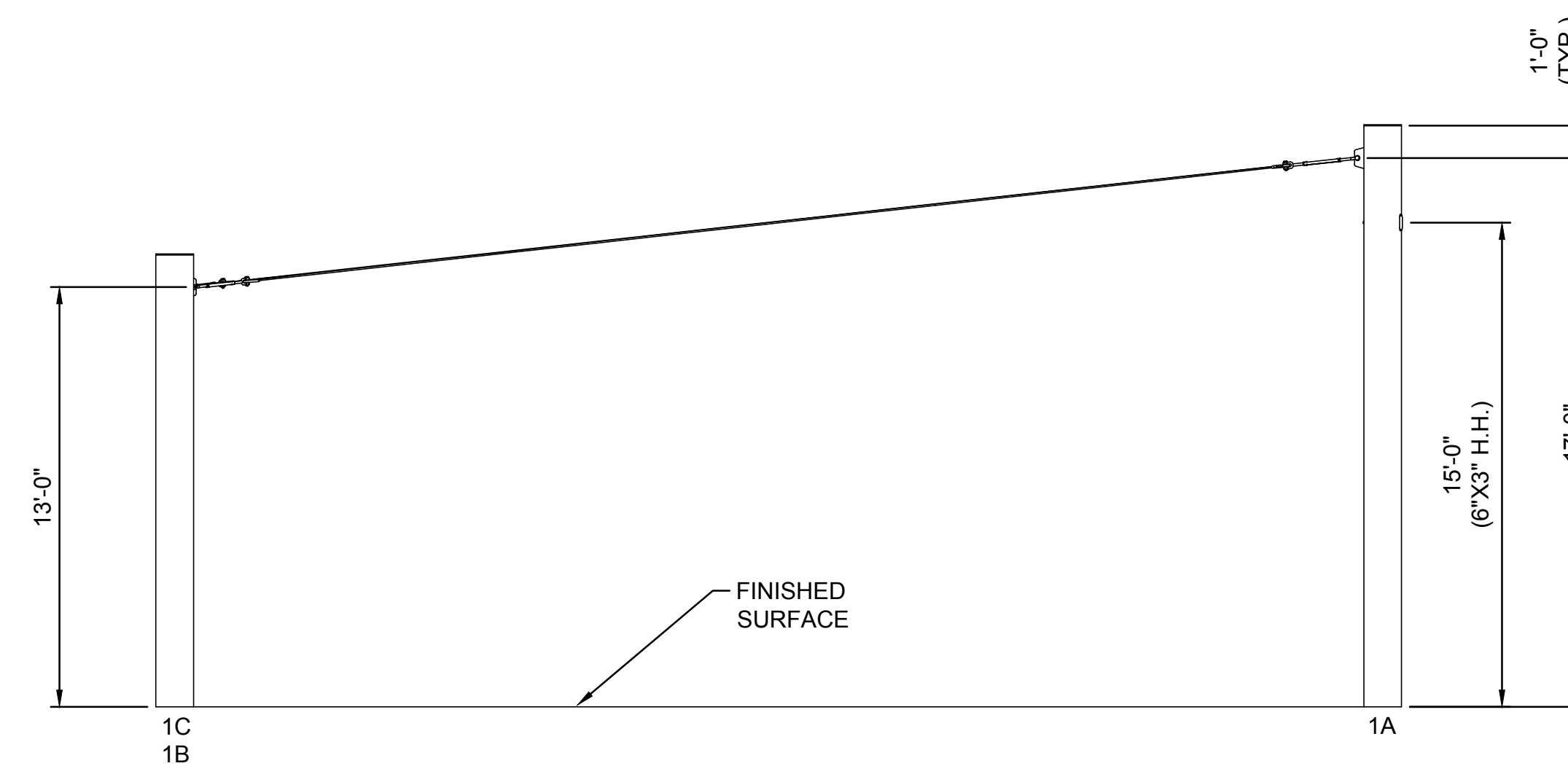
* APPROXIMATELY,
TYPICALLY



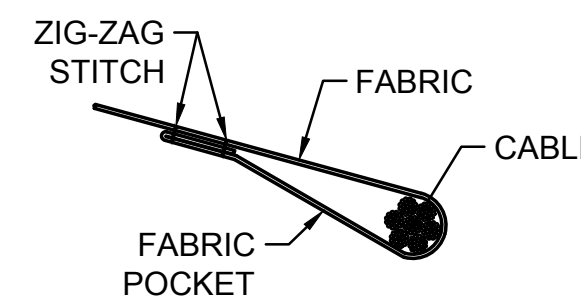
TOP VIEW



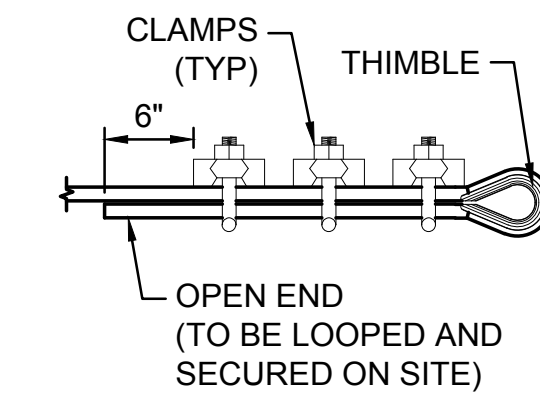
FRONT ELEVATION



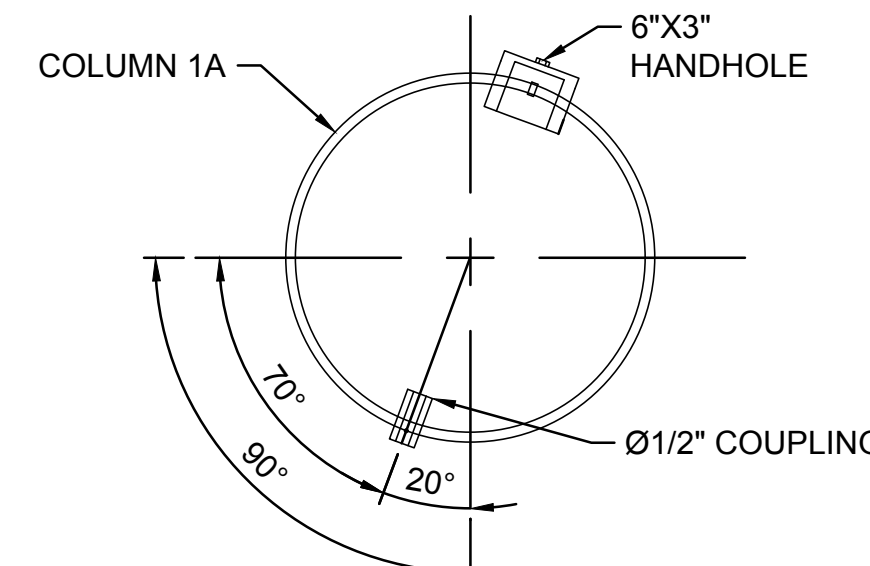
SIDE ELEVATION



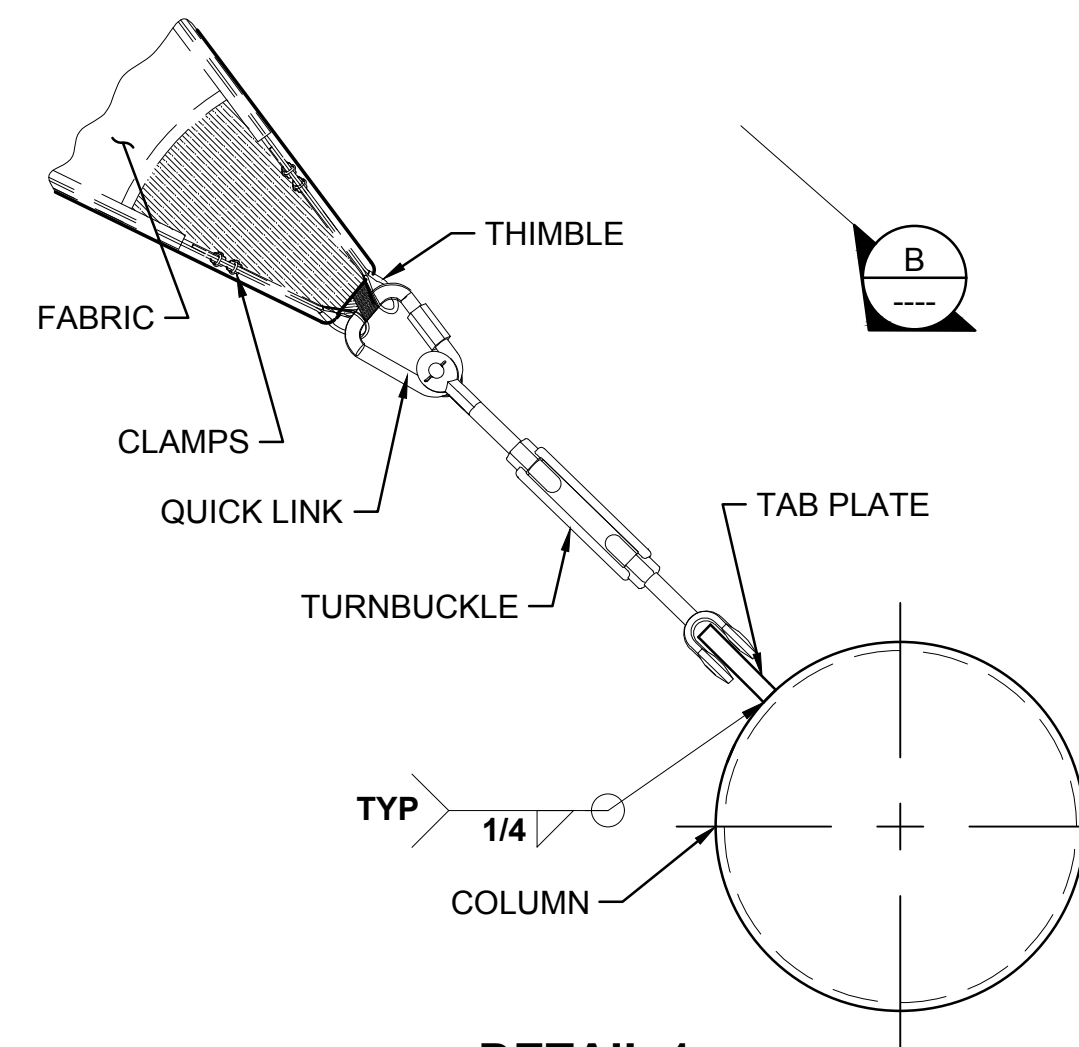
SECTION A-A



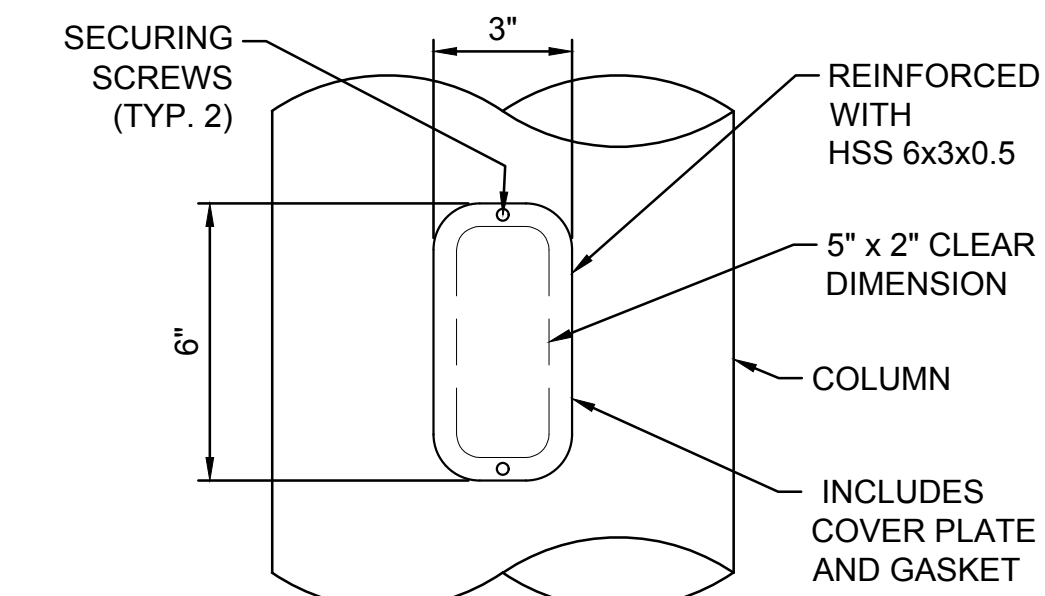
Ø1/2" CABLE ASSEMBLY
TYPICAL CABLE END



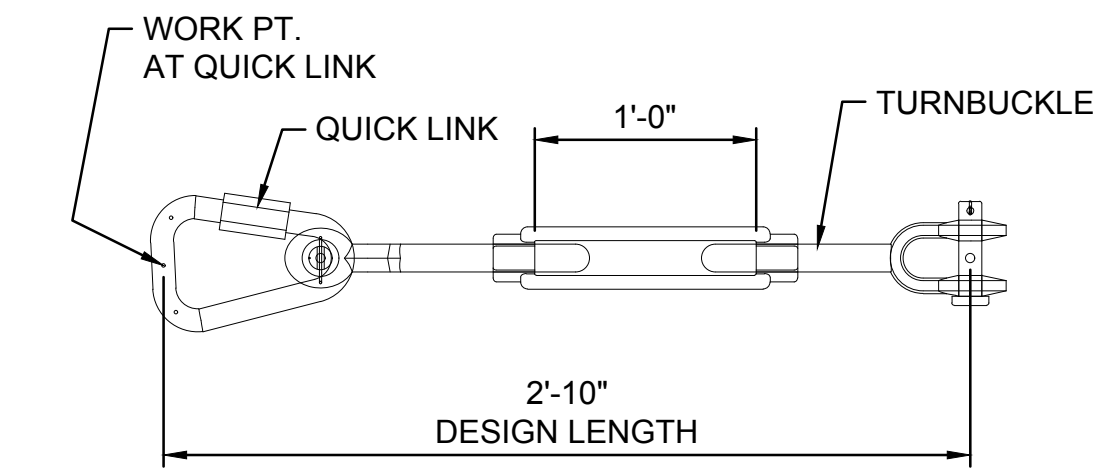
DETAIL 2



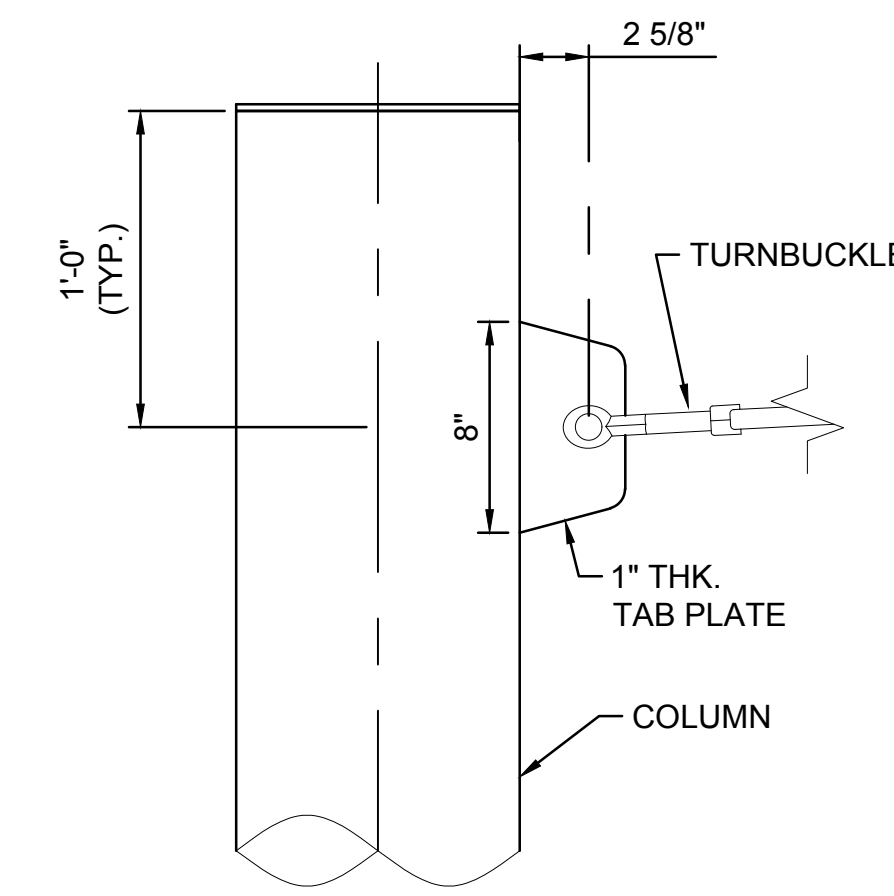
DETAIL 1



HANDHOLE DETAIL



HARDWARE ASSEMBLY
7/8" TURNBUCKLE AND 3/4" QUICK LINK ASSEMBLY



VIEW B-B

THESE PLANS AND SPECIFICATIONS ARE THE PROPERTY OF USA SHADE AND FABRIC STRUCTURES AND SHALL NOT BE REPRODUCED WITHOUT THEIR WRITTEN PERMISSION.



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:
CONEJO PARKS AND RECREATION
ALEX FIORE TEEN CENTER
THOUSAND OAKS CA
PROJECT NUMBER. **73793**

STRUCTURE TYPE:
TENSION SAILS
FULL CUSTOM

SIZE:
SEE PAGE 2000

SCALE : AS NOTED

DRAWING SIZE:
B

REV	DATE	DRW	CHK	ENG
04/29/20	JL	MB	MB	MB

Eng. By :	MB	04/29/20
Design By :	JL	04/29/20
Approved By :	MB	04/29/20

DRAWING DESCRIPTION:
VIEWS AND DETAILS

DWG. **73793-3.0**

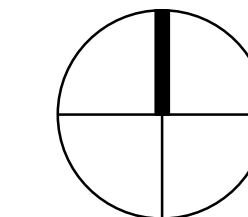
PAGE **2000**

REV. **NC**

REINFORCED CONCRETE NOTES

- 1.- 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
- 2.- 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.
- 3.- 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

PLAN NORTH



FOR TRUE NORTH
SEE CUSTOMER'S
SITE PLAN

THESE PLANS AND SPECIFICATIONS ARE THE PROPERTY OF USA SHADE AND FABRIC STRUCTURES AND SHALL NOT BE REPRODUCED WITHOUT THEIR WRITTEN PERMISSION.



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

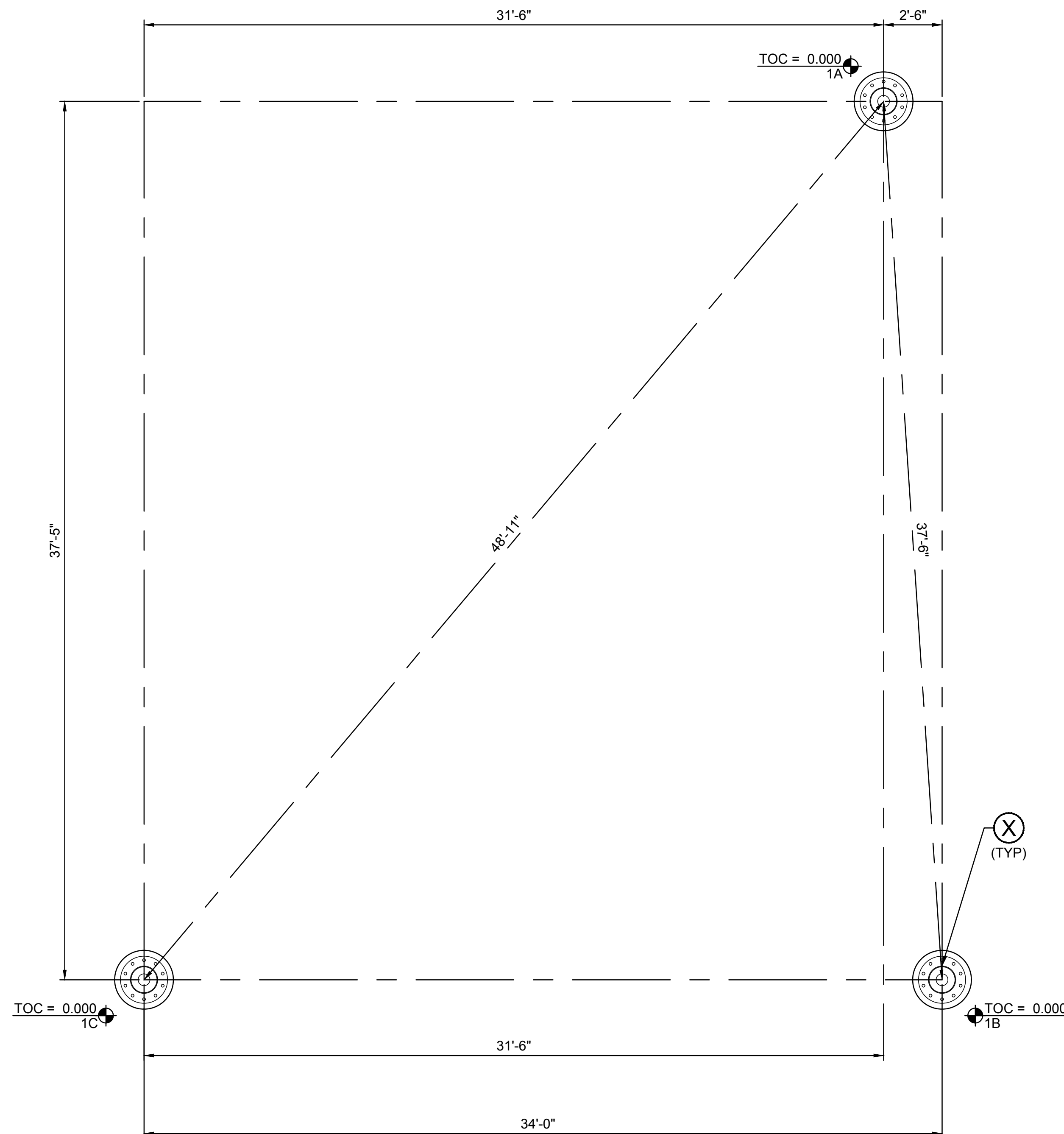
CUSTOMER:
**CONEJO PARKS
AND RECREATION**
PROJECT NAME:
**ALEX FIORE
TEEN CENTER**
LOCATION:
**THOUSAND OAKS
CA**
PROJECT NUMBER:
73793

STRUCTURE TYPE:
**TENSION SAILS
FULL CUSTOM**

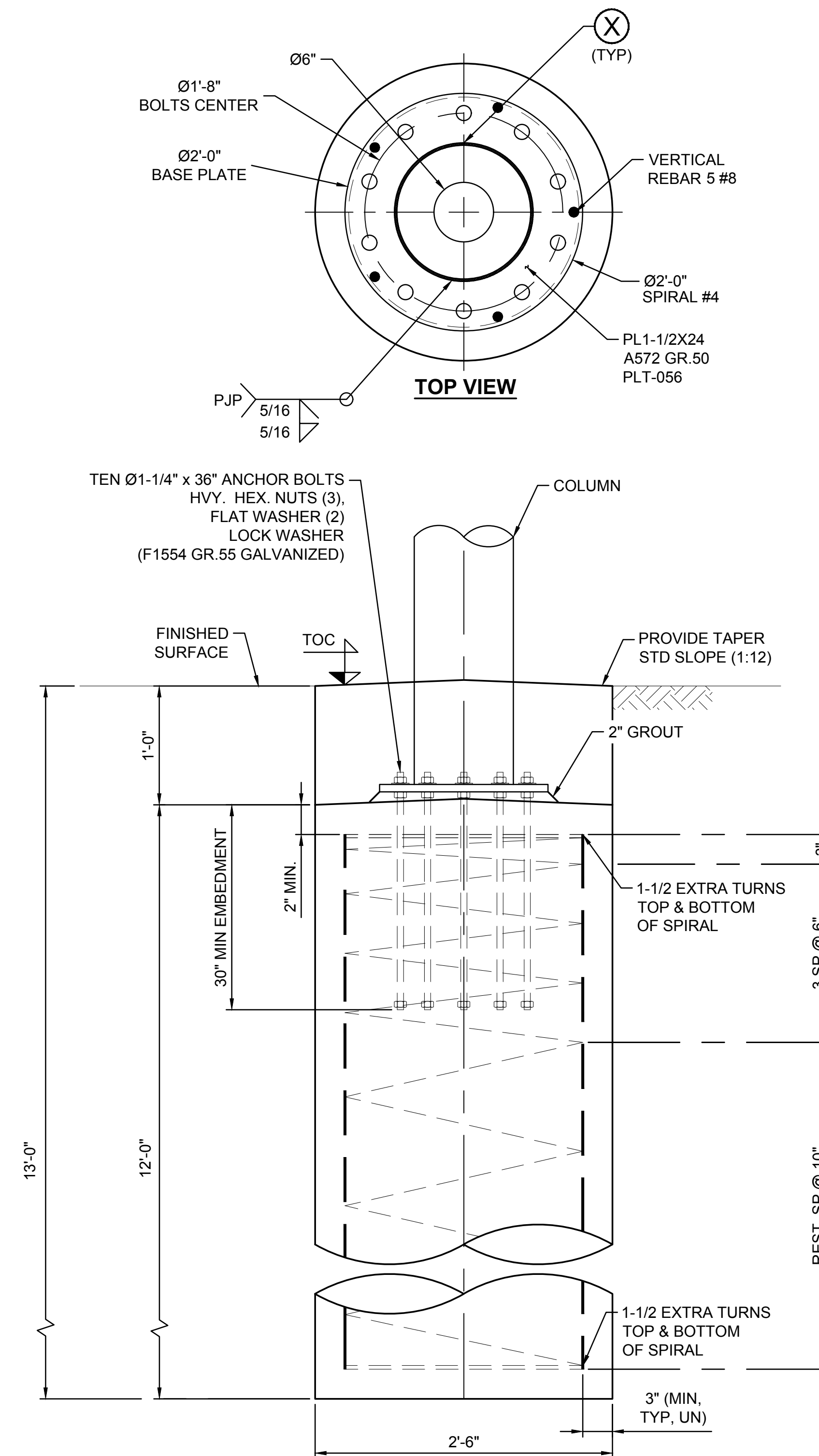
SIZE:
SEE PAGE 2000

SCALE : AS NOTED

DRAWING SIZE:
B



FOUNDATION LOCATION PLAN
(ELEVATIONS ARE IN FEET)
(FIELD VERIFY ALL DIMENSIONS AND ELEVATIONS)



FOOTING A Ø 2'-6" X 12'-0" S
(RBP-RECESSED BASE PLATE)
USE FOR NON-CONSTRAINED CASES

MB	MB	JL	04/29/20
MB	MB	JL	04/29/20
MB	MB	JL	04/29/20
NC	NC	NC	NC

Eng. By : MB 04/29/20
Design By : JL 04/29/20
Approved By : MB 04/29/20

DRAWING DESCRIPTION:
FOOTING DETAILS

DWG. **73793-3.0**

PAGE **3000**

REV. **NC**

GENERAL NOTES

DESIGN LOADS

BUILDING CODE	CBC 2019 (BASED ON IBC 2018)
LIVE LOADS	5 PSF
SNOW LOAD	5 PSF
WIND LOADS	115 MPH ¹ 3-Sec. Gust, RISK CATEGORY II & EXPOSURE C

1.- 115 MPH ACCORDING THE ULTIMATE WIND SPEED MAPS OF ASCE 7-16 IS EQUIVALENT TO THE NOMINAL WIND SPEED OF 90 MPH ACCORDING ASCE 7-05 AND IBC 2018 EQ 16-33.

STRUCTURAL STEEL

1.- 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	46,000 PSI YIELD / 62,000 PSI TENSILE

2.- ALL GALVANIZED STEEL TUBE PRODUCTS ARE MANUFACTURED PER ASTM A500, TYPICAL MECHANICAL PROPERTIES ACHIEVED FOR GALVANIZED TUBE PRODUCTS:

ROUND TUBE	45,000 PSI YIELD / 48,000 PSI TENSILE
------------	---------------------------------------

3.- ALL PLATES SHALL COMPLY WITH ASTM A572 GRADE 50.

4.- 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.

5.- STRUCTURAL STEEL SHALL BE DETAILED, FABRICATED AND ERECTED IN ACCORDANCE WITH A.I.S.C. SPECIFICATIONS.

6.- 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.

7.- 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.

8.- ALL HIGH STRENGTH BOLTS SHALL COMPLY WITH ASTM A325 TYPE 1 OR A490 TYPE 1. ALL NUTS SHALL COMPLY WITH ASTM A563DH, AND WASHERS SHALL COMPLY WITH ASTM F436.

9.- ALL HIGH STRENGTH BOLTS SHALL BE TIGHTENED TO A SNUG TIGHT CONDITION.

10.- 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.

11.- ALL STRUCTURAL STEEL SHALL BE PAINTED WITH ONE SHOP COAT (2.5 TO 3.5 MILS THICK MIN). THIS COAT IS A WEATHER RESISTANT POWDER COATING BASED ON POLYESTER TGIC (MANUFACTURED BY SHERWIN WILLIAMS 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. SOFTNES

FABRIC SPECIFICATION

1.- 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.

2.- FABRIC SPECIFICATIONS:	SOLID COLORS	STRIPE COLORS
- TEAR STRENGTH	WARP 220.4622 LB WEFT 462.9707 LB	WARP 182.9836LB WEFT 401.2413LB
- 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	

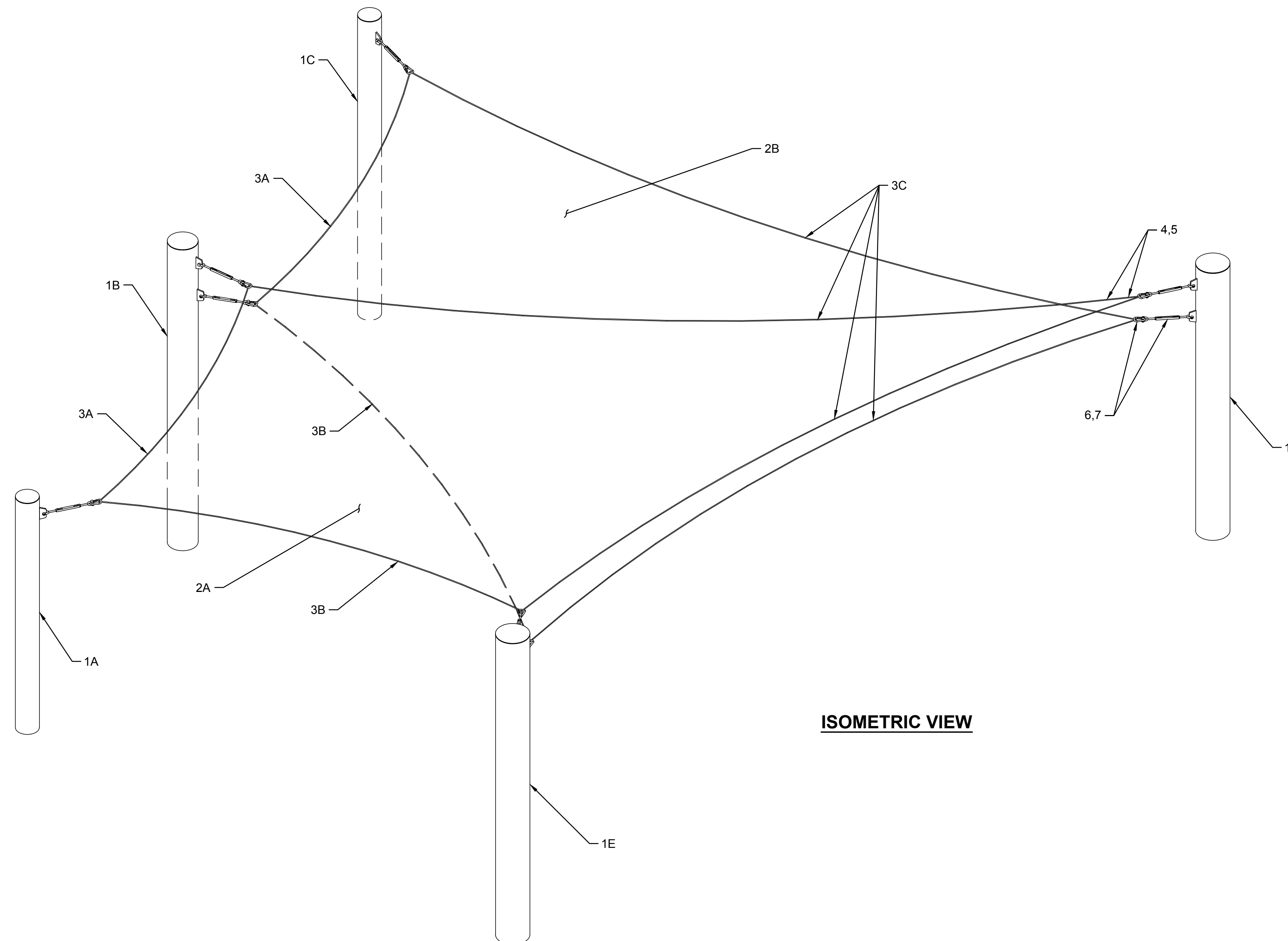
3.- FIRE TEST ON FABRIC: NFPA 701 TEST 2 AND ASTM E 84

4.- 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

1.- WIRE ROPE CABLE SHALL BE 6x19 STRAND CORE GALVANIZED WIRE ROPE WITH A BREAKING STRENGTH VALUE OF 20,500 LBS (1/2" DIAMETER).

2.- CABLES SHALL BE FED THROUGH THE FABRIC SLEEVES AROUND THE PERIMETER OF THE CANOPY AND TENSIONED UNTIL THE FABRIC PANELS (DESIGNED PURPOSELY UNDERSIZED) REACH A TAUNT 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	MATERIAL / DWG	SMI PART NO.
STEEL AND BOLTS				
1A	1	COLUMN	HSS Ø14.00 x 0.375	N/A
1B	1	COLUMN	HSS Ø18.00 x 0.375	N/A
1C	1	COLUMN	HSS Ø14.00 x 0.375	N/A
1D	1	COLUMN	HSS Ø20.00 x 0.500	N/A
1E	1	COLUMN	HSS Ø20.00 x 0.500	N/A
800	74	ANCHOR ROD SET 1-1/4" x 36"	F1554 GR55 (GALVANIZED)	307615
FABRIC AND HARDWARE				
2A	1	FABRIC (CUSTOM)	HDPE MESH	AREA: 630 SQF, WEIGHT: 27 LBS
2B	1	FABRIC (CUSTOM)	HDPE MESH	AREA: 800 SQF, WEIGHT: 34 LBS
3A	2	30 FT OF Ø1/2" STEEL CABLE	GALVANIZED CABLE	307605
3B	2	45 FT OF Ø1/2" STEEL CABLE	GALVANIZED CABLE	307605
3C	4	55 FT OF Ø1/2" STEEL CABLE	GALVANIZED CABLE	307605
4	16	Ø1/2" THIMBLE	GALVANIZED	308062
5	48	Ø1/2" CABLE CLAMP	GALVANIZED	307627
6	8	TURNBUCKLE (JAW-JAW)	7/8" x 12" (GALVANIZED)	308122
7	8	3/4" QUICK LINK	ZINC PLATED	308205

CODE ANALYSIS

BUILDING	OCCUPANCY	CONSTRUCTION TYPE	AREA (SQF)	OCCUPANT LOAD
SHADE STRUCTURE	U	V-B	1552	N/A
SEE PAGE 2000				

NOTICE

FABRIC TOP NEEDS TO BE REMOVED IF SNOW EXCEEDING 5 PSF IS ANTICIPATED

FABRIC TOP NEEDS TO BE REMOVED IF WINDS EXCEEDING 115 MPH ARE ANTICIPATED, SEE NOTE 1 OF DESIGN LOADS

THESE PLANS AND SPECIFICATIONS ARE THE PROPERTY OF USA SHADE AND FABRIC STRUCTURES AND SHALL NOT BE REPRODUCED WITHOUT THEIR WRITTEN PERMISSION.



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:
CONEJO PARKS AND RECREATION

PROJECT NAME:
ALEX FIORE TEEN CENTER

LOCATION:
THOUSAND OAKS CA

PROJECT NUMBER:
73793

STRUCTURE TYPE:
TENSION SAILS FULL CUSTOM

SIZE:
SEE PAGE 2000

SCALE : AS NOTED

DRAWING SIZE:
B

MB	JL	DATE	CHK	ENG
		04/29/20		

FULL CUSTOM DESCRIPTION

NC REV

Eng. By : MB 04/29/20

Design By : JL 04/29/20

Approved By : MB 04/29/20

DRAWING DESCRIPTION:

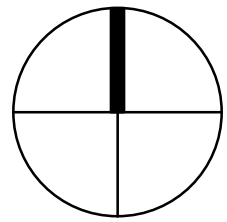
NOTES / LOM

DWG. **73793-2.0**

PAGE **1000**

REV. **NC**

PLAN NORTH

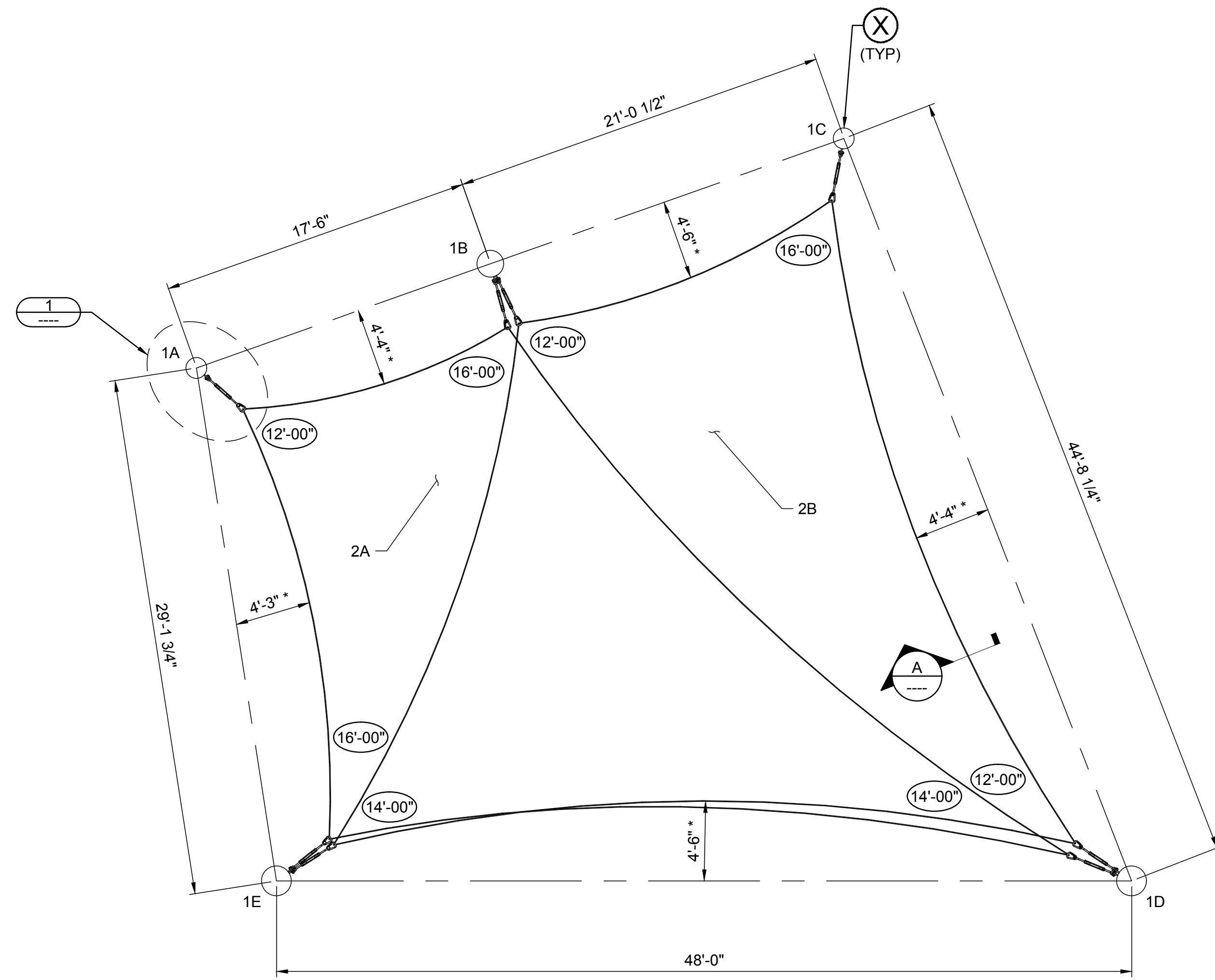


FOR TRUE NORTH
SEE CUSTOMER'S
SITE PLAN

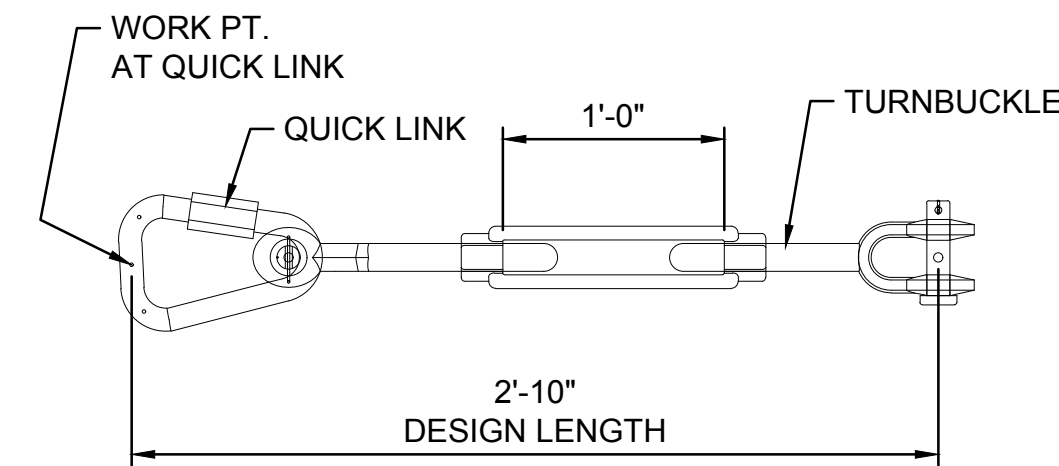
SYMBOLGY

(00'-00") CONNECTION'S LEVEL
(MEASURED FROM
FINISHED SURFACE)

* APPROXIMATELY,
TYPICALLY

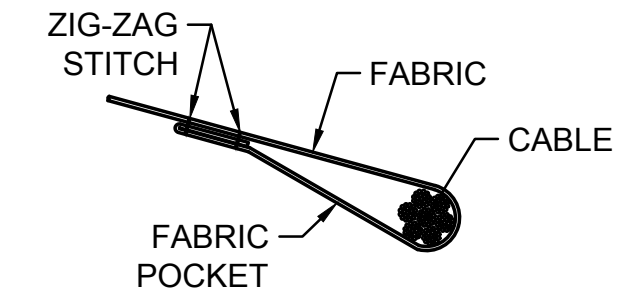


TOP VIEW

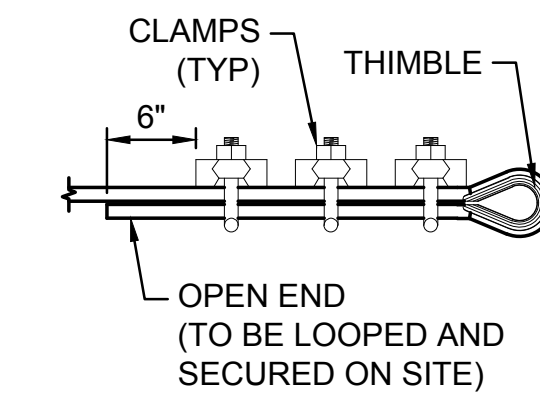


HARDWARE ASSEMBLY

7/8" TURNBUCKLE AND 3/4" QUICK LINK ASSEMBLY

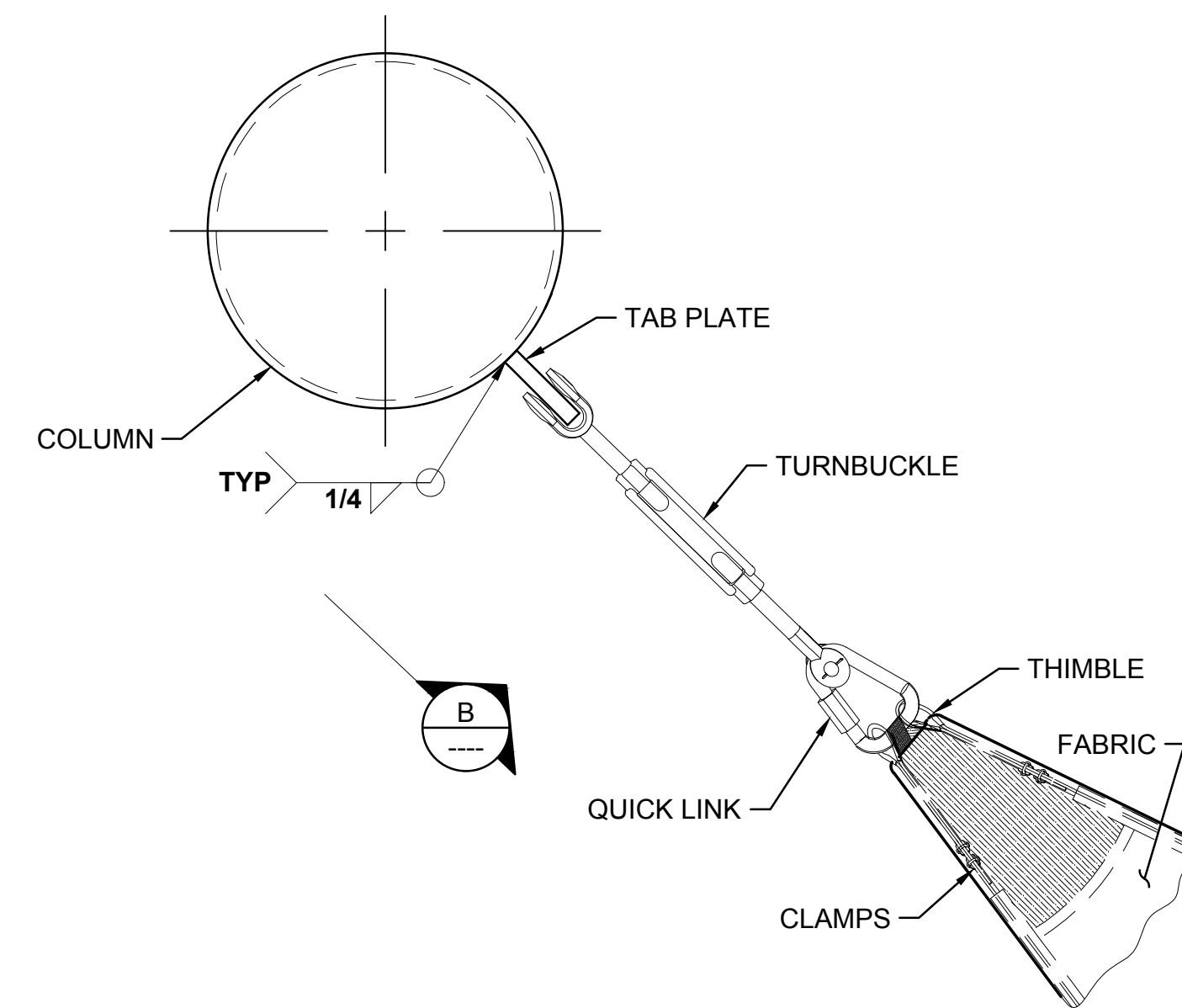


SECTION A-A

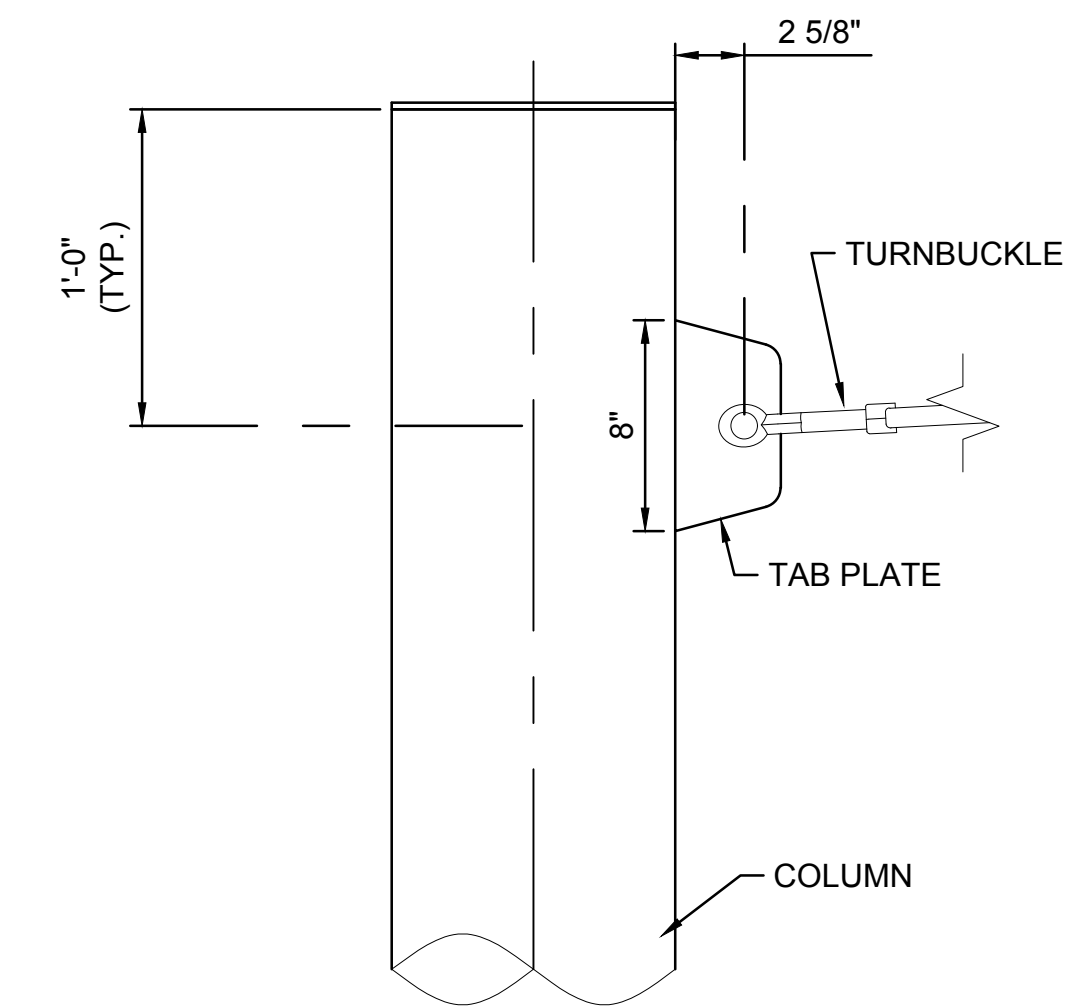


Ø1/2" CABLE ASSEMBLY

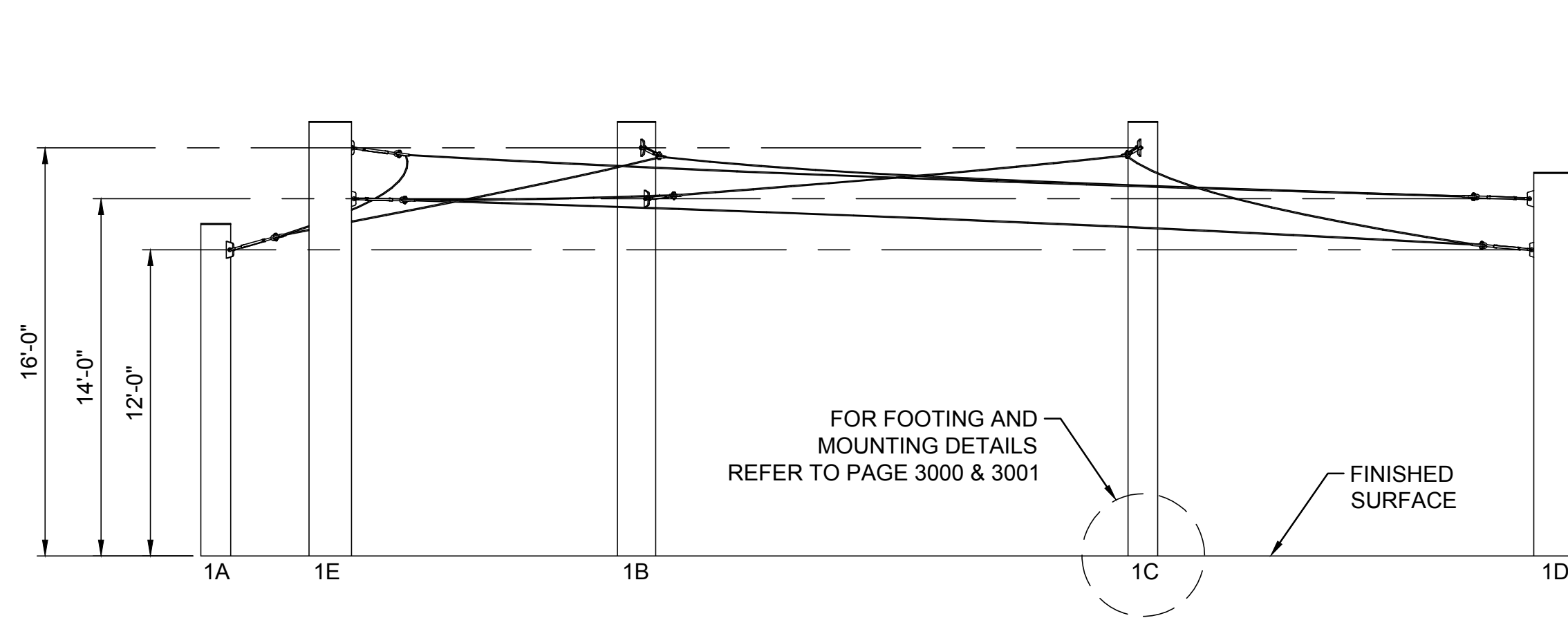
TYPICAL CABLE END



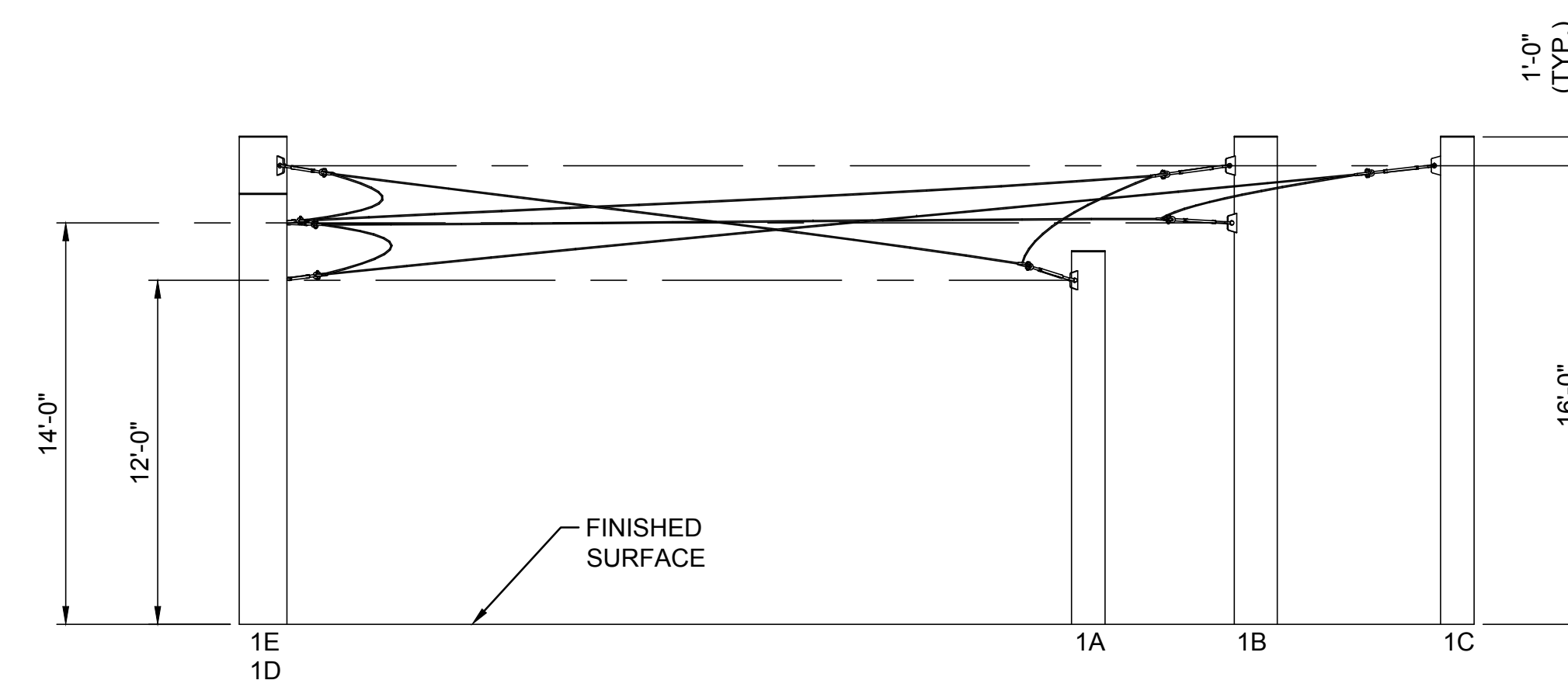
DETAIL 1



VIEW B-B



FRONT ELEVATION



SIDE ELEVATION

THESE PLANS AND SPECIFICATIONS ARE THE PROPERTY OF USA SHADE AND FABRIC STRUCTURES AND SHALL NOT BE REPRODUCED WITHOUT THEIR WRITTEN PERMISSION.



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:
**CONEJO PARKS
AND RECREATION**

PROJECT NAME:
**ALEX FIORE
TEEN CENTER**

LOCATION:
**THOUSAND OAKS
CA**

PROJECT NUMBER:
73793

STRUCTURE TYPE:
**TENSION SAILS
FULL CUSTOM**

SIZE:
SEE PAGE 2000

SCALE : AS NOTED

DRAWING SIZE:
B

MB	MB	JL	MB	ENG
MB	MB	JL	DRW	CHK
04/29/20	DATE			
FULL CUSTOM	DESCRIPTION			
NC	REV			

Eng. By : MB 04/29/20

Design By : JL 04/29/20

Approved By : MB 04/29/20

DRAWING DESCRIPTION:

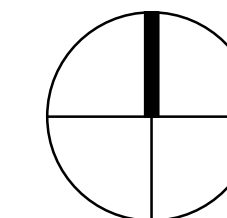
VIEWS AND DETAILS

DWG. **73793-2.0**

PAGE **2000**

REV. **NC**

PLAN NORTH



FOR TRUE NORTH
SEE CUSTOMER'S
SITE PLAN

THESE PLANS AND SPECIFICATIONS ARE THE PROPERTY OF USA SHADE AND FABRIC STRUCTURES AND SHALL NOT BE REPRODUCED WITHOUT THEIR WRITTEN PERMISSION.



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:
**CONEJO PARKS
AND RECREATION**
PROJECT NAME:
**ALEX FIORE
TEEN CENTER**
LOCATION:
**THOUSAND OAKS
CA**
PROJECT NUMBER:
73793

STRUCTURE TYPE:
**TENSION SAILS
FULL CUSTOM**

SIZE:
SEE PAGE 2000

SCALE : AS NOTED

DRAWING SIZE:
B

	MB	ENG
	MB	CHK
	JL	DRW
04/29/20		DATE
		REV

FULL CUSTOM
DESCRIPTION

Eng. By : MB 04/29/20

Design By : JL 04/29/20

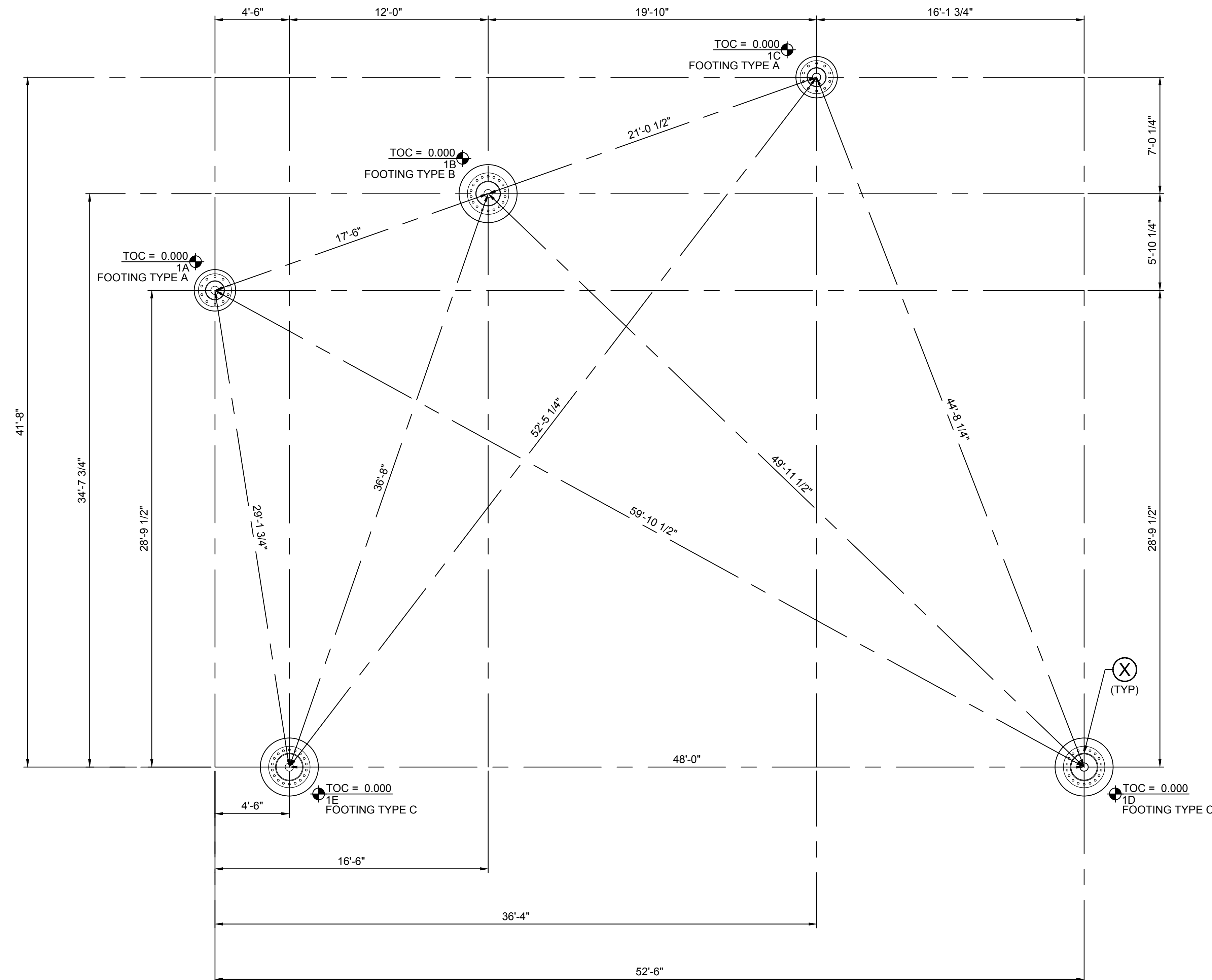
Approved By : MB 04/29/20

DRAWING DESCRIPTION:
FOUNDATION LAYOUT

DWG. **73793-2.0**

PAGE **3000**

REV. **NC**

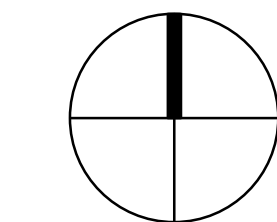


FOUNDATION LOCATION PLAN
(ELEVATIONS ARE IN FEET)
(FIELD VERIFY ALL DIMENSIONS AND ELEVATIONS)

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

PLAN NORTH



FOR TRUE NORTH
SEE CUSTOMER'S
SITE PLAN

THESE PLANS AND SPECIFICATIONS ARE THE PROPERTY OF USA SHADE AND FABRIC STRUCTURES AND SHALL NOT BE REPRODUCED WITHOUT THEIR WRITTEN PERMISSION.



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:
CONEJO PARKS AND RECREATION
PROJECT NAME:
ALEX FIORE TEEN CENTER
LOCATION:
THOUSAND OAKS CA
PROJECT NUMBER:
73793

STRUCTURE TYPE:
TENSION SAILS FULL CUSTOM

SIZE:
SEE PAGE 2000

SCALE : AS NOTED

DRAWING SIZE:
B

	MB	ENG
	JL	CHK
04/29/20	DATE	DRW
		REV
	NC	

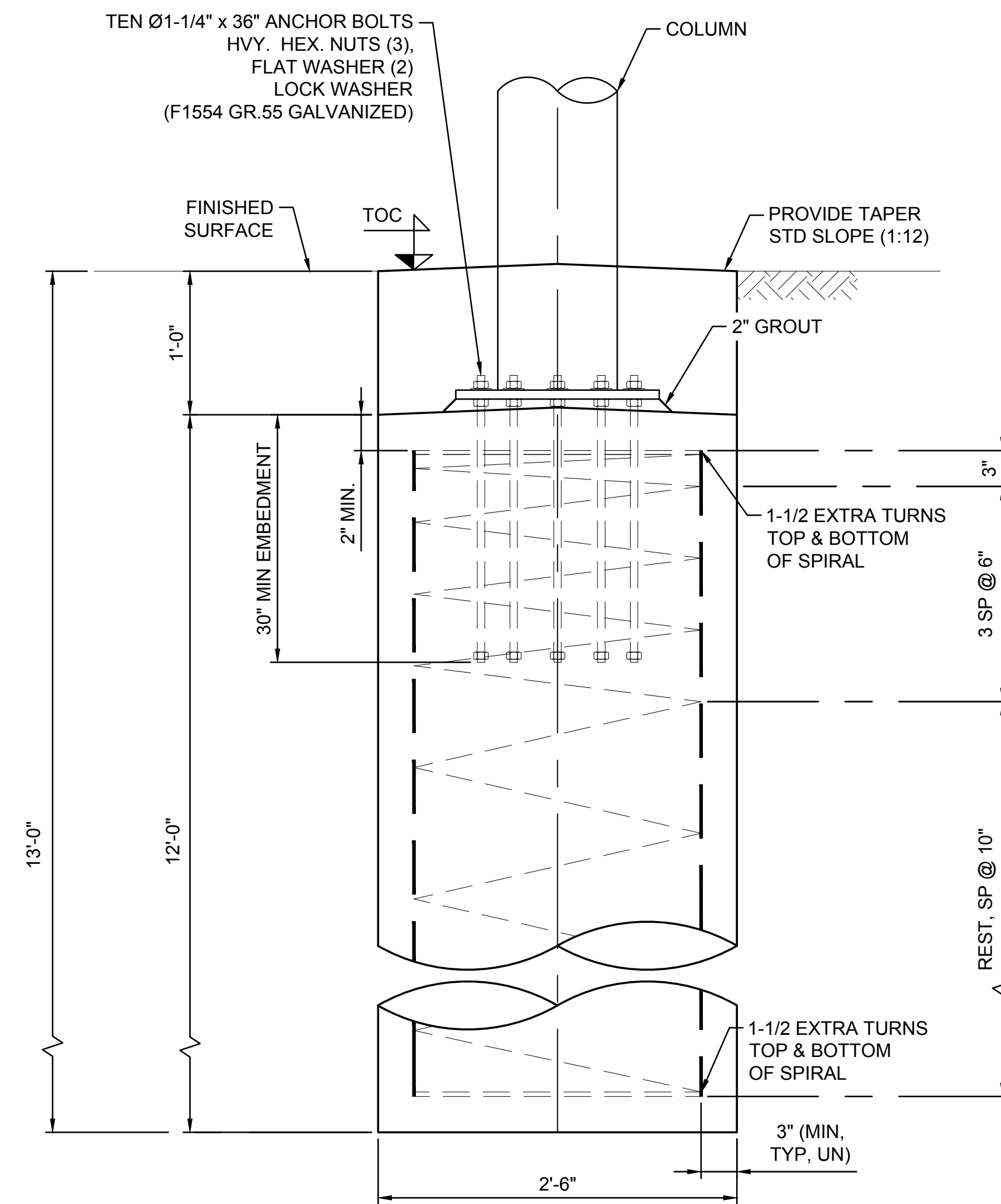
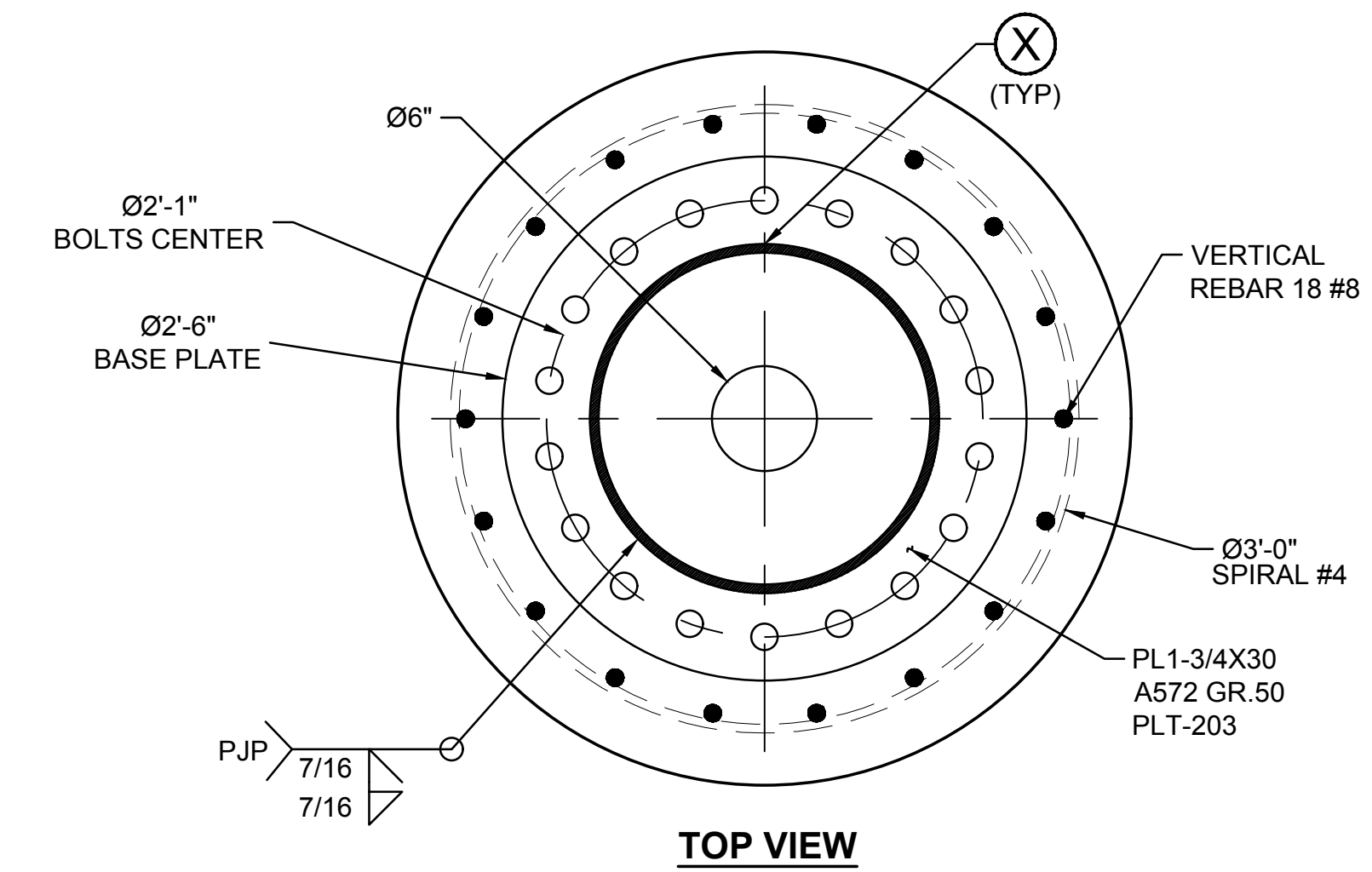
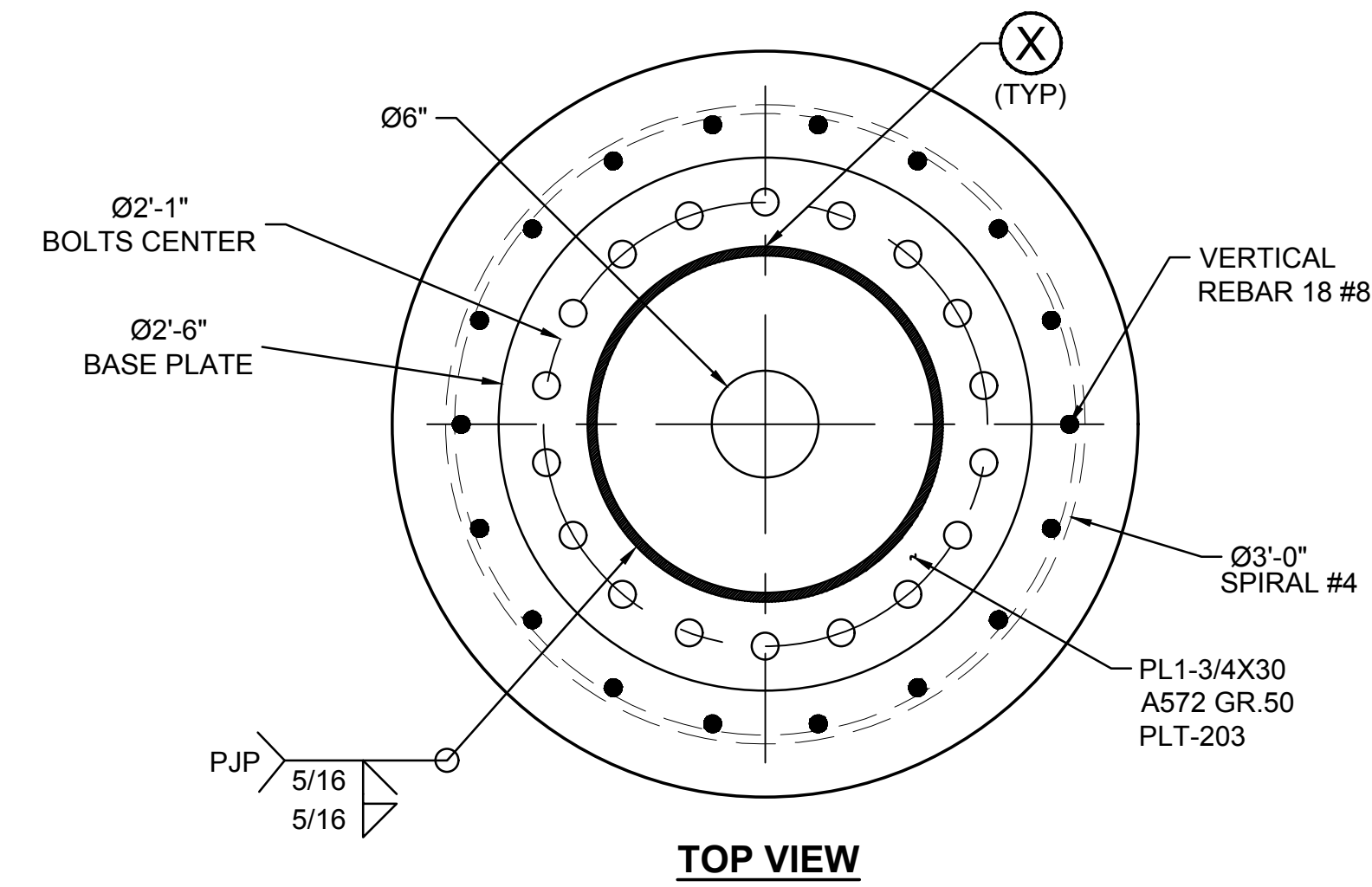
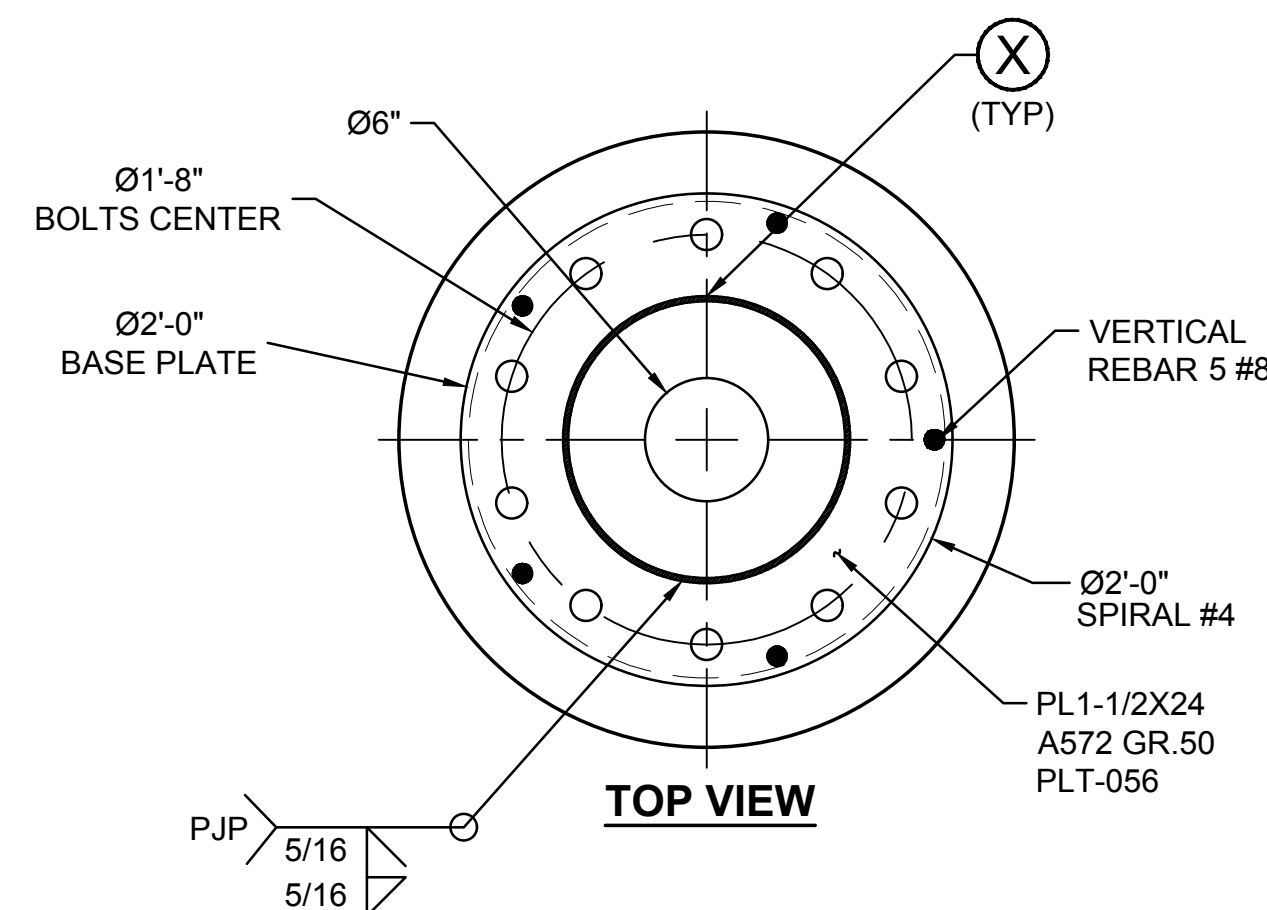
Eng. By : MB 04/29/20
Design By : JL 04/29/20
Approved By : MB 04/29/20

DRAWING DESCRIPTION:
FOOTING DETAILS

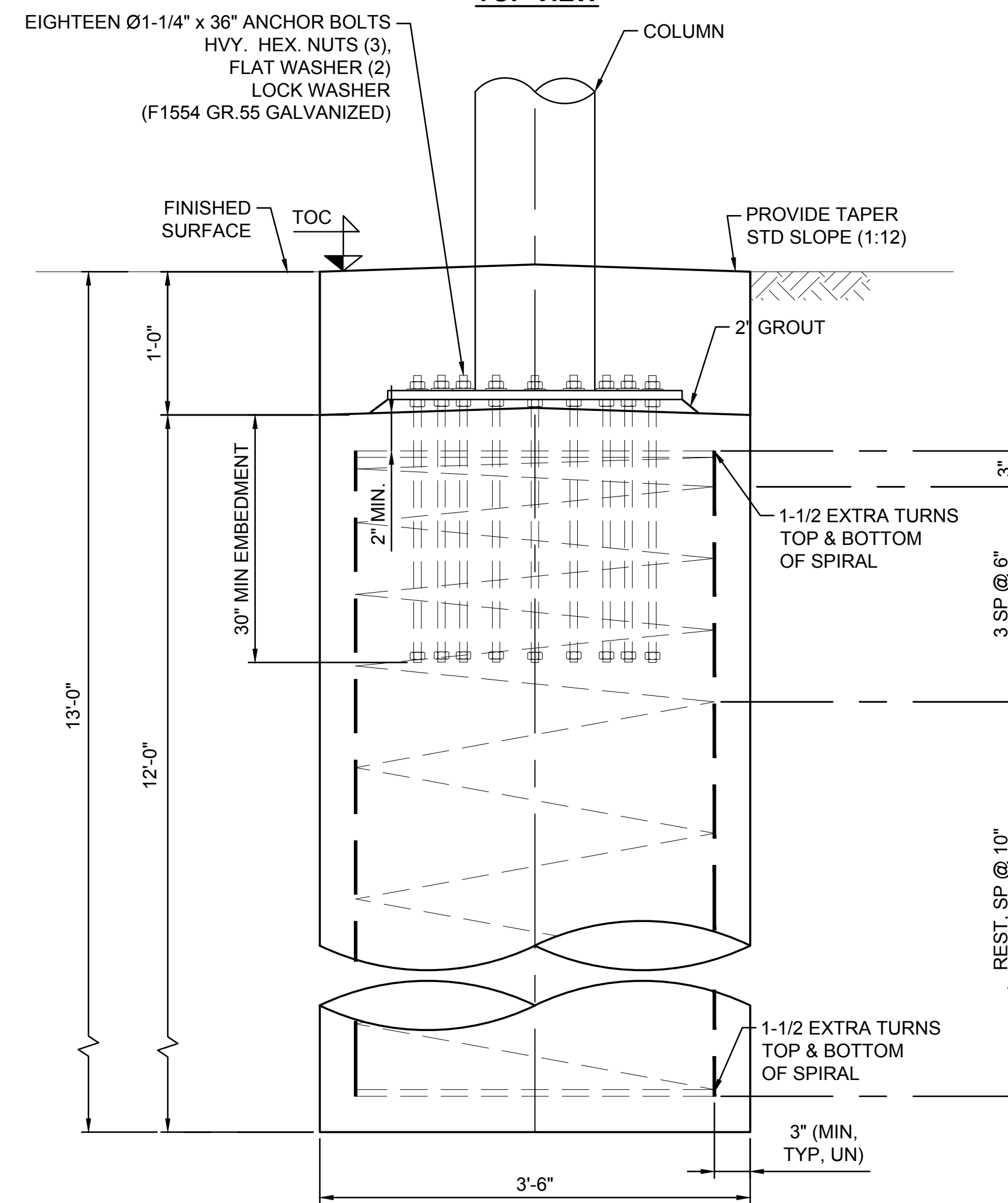
DWG. **73793-2.0**

PAGE **3001**

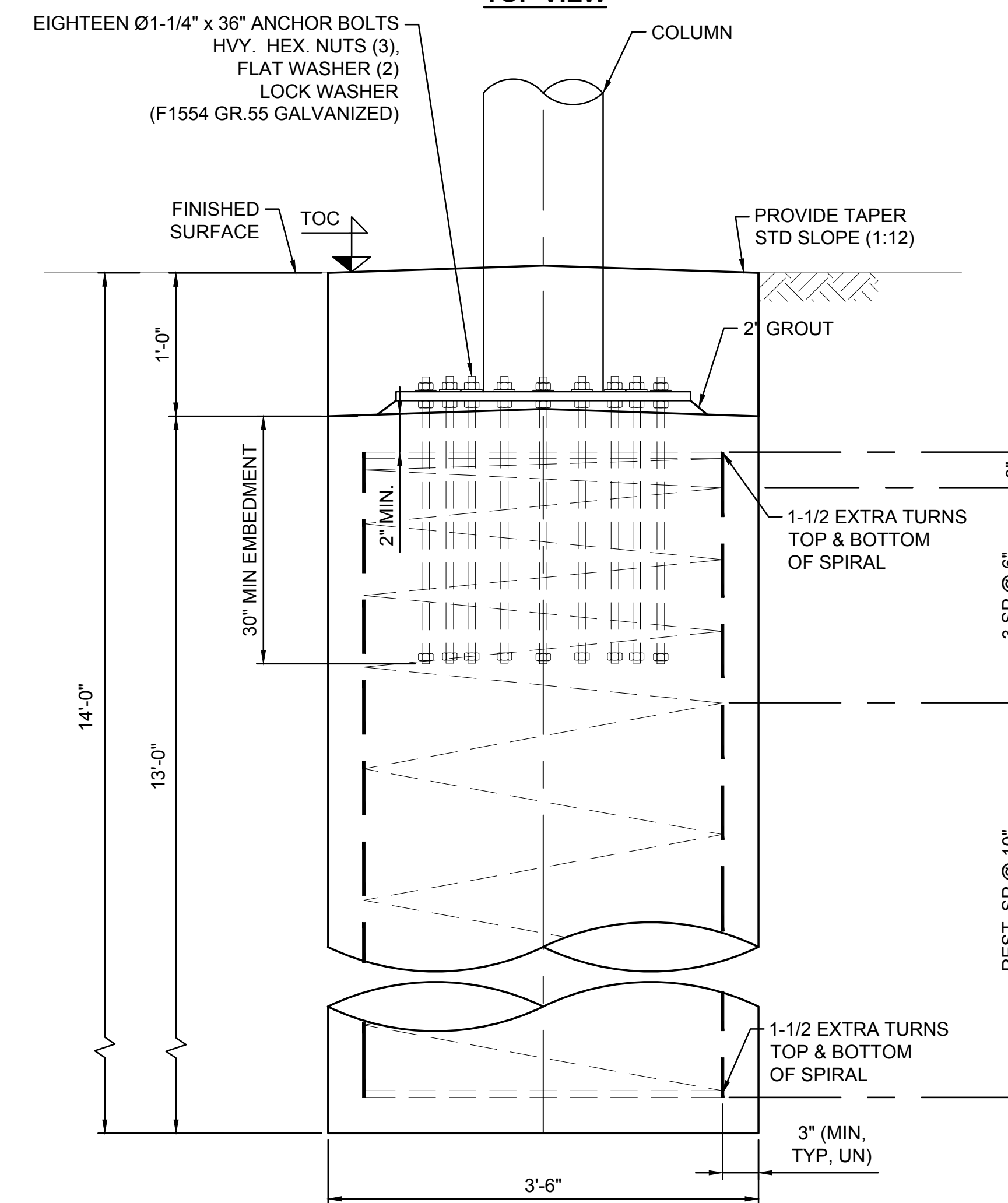
REV. **NC**



FOOTING A Ø 2'-6" X 12'-0" S
(RBP-RECESSED BASE PLATE)
USE FOR NON-CONSTRAINED CASES



FOOTING B Ø 3'-6" X 12'-0" S
(RBP-RECESSED BASE PLATE)
USE FOR NON-CONSTRAINED CASES



FOOTING C Ø 3'-6" X 13'-0" S
(RBP-RECESSED BASE PLATE)
USE FOR NON-CONSTRAINED CASES