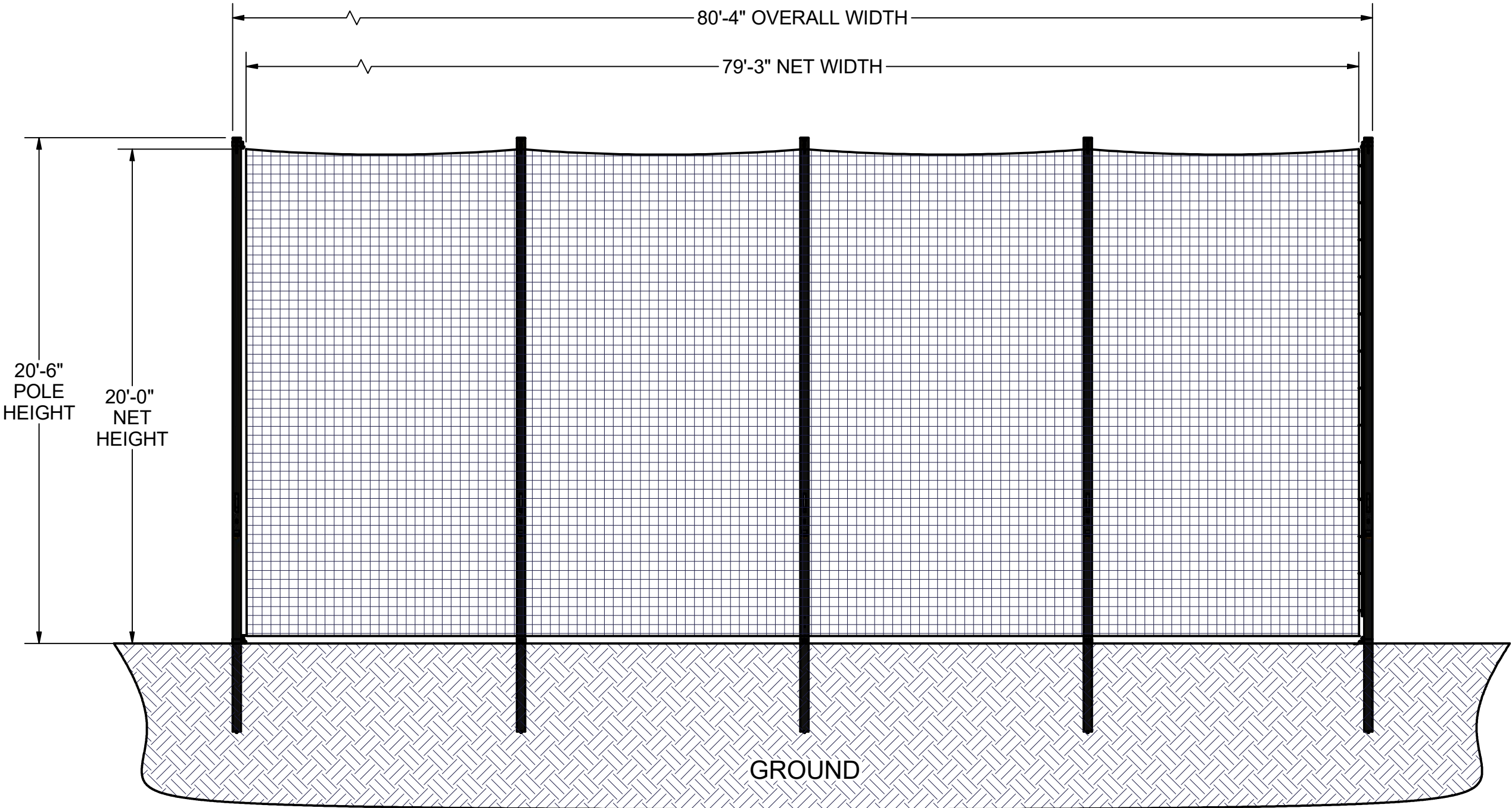


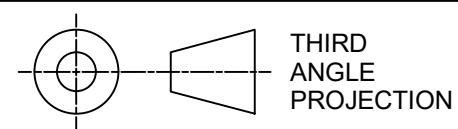
FRONT VIEW



SIDE VIEW



- FEATURES:
- 1) ALUMINUM UPRIGHTS WITH HOIST SYSTEM FOR EASY NET HANDLING
  - 2) ALUMINUM GROUND SLEEVES WITH RUBBER CAPS
  - 3) BRAIDED KNOTLESS HTPP NET - (20ft x 77 1/2ft - 2.4mm x 1.75" MESH)
  - 4) ASSEMBLED WEIGHT:
    - UPRIGHTS: 107 LBS. EACH
    - NET: 36 LBS
    - TOTAL WITH NET: 571 LBS



THIRD  
ANGLE  
PROJECTION

DIMENSIONS ARE IN INCHES  
UNLESS OTHERWISE SPECIFIED

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140 Pacific Drive  
Quakertown,  
Pa. 18951

Approved By:

Date:

Drawn By: JSchrader

Date: 6/8/2017

Sheet: 1 of 5

Revision #: 2

Cad File: 7E501.idw

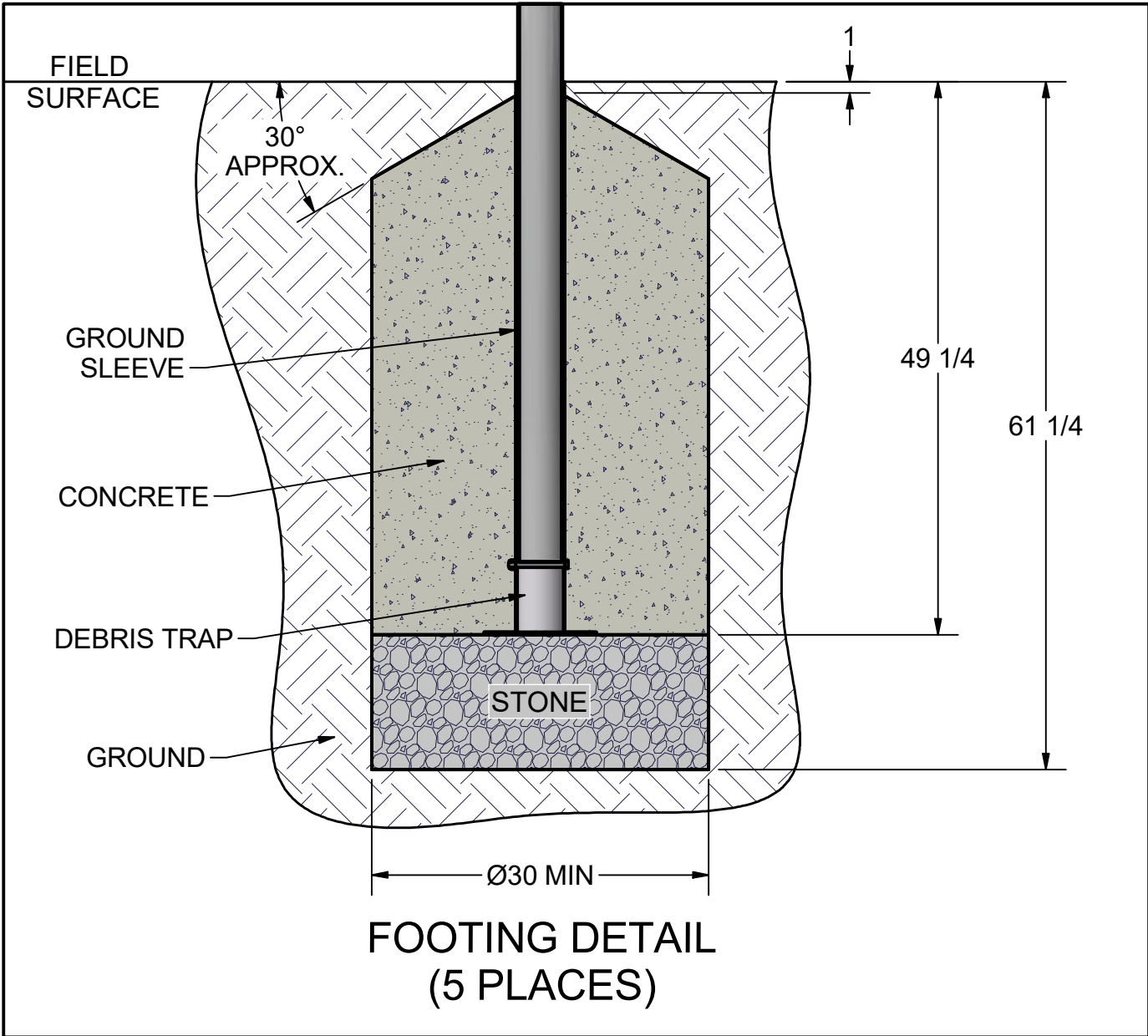
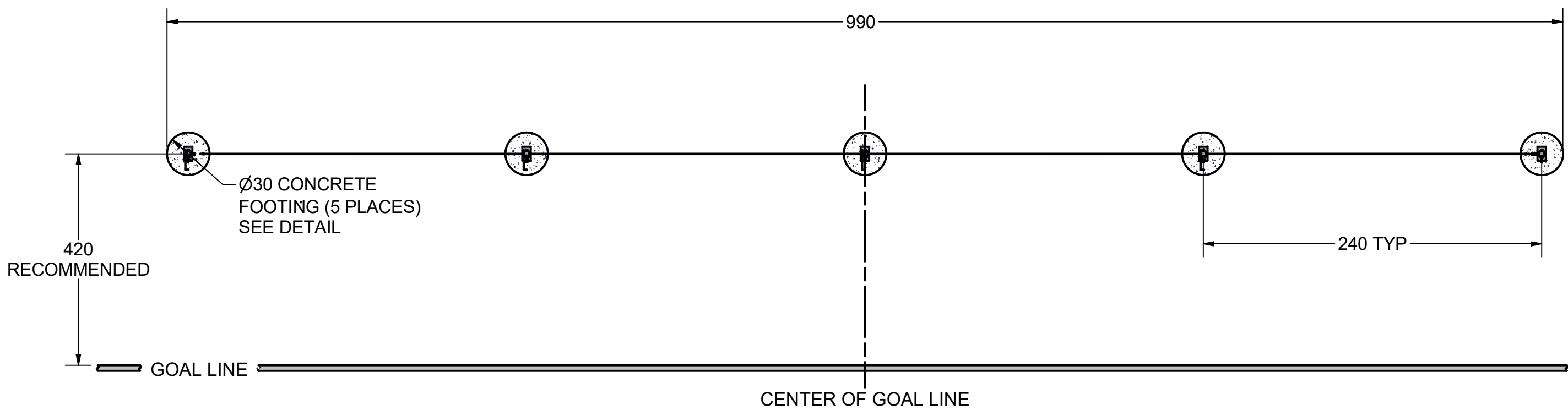
Drawing #:

7E501

Desc:

20'H X 80'L MULTI-SPORT  
BACKSTOP

OVERHEAD VIEW

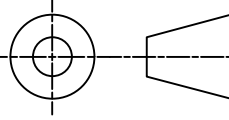



NOTES:

1) DIMENSIONS ARE FOR PLANNING PURPOSES. INSTALLATION  
MUST BE IN ACCORDANCE WITH INSTALLATION INSTRUCTIONS.

MATERIAL REQUIRED, BUT **NOT** SUPPLIED

3.3 cubic yard - CONCRETE, 3000 PSI MIN  
1.0 cubic yard - CLEAN STONE (1/4" - 3/4")  
ABOVE AMOUNTS ARE PER UNIT INSTALLATION

 THIRD ANGLE PROJECTION	 140 Pacific Drive Quakertown, Pa. 18951	
	Approved By:	Drawing #:
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	Drawn By: JSchrader	Desc: 20'H X 80'L MULTI-SPORT BACKSTOP
	Date: 6/8/2017	
	Sheet: 2 of 5	
	Revision #: 2	
	Cad File: 7E501.idw	

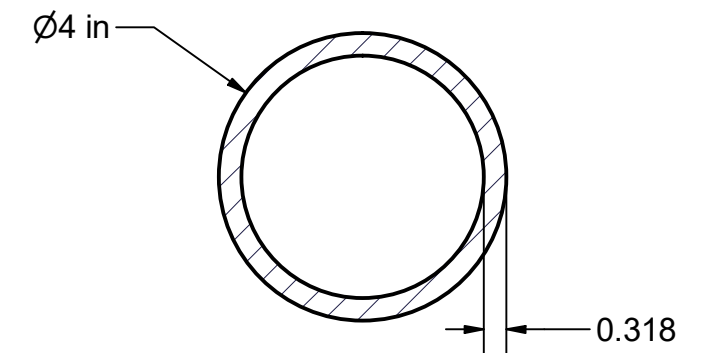
5 UPRIGHTS  
POWDER COATED BLACK

2.4mm, BRAIDED KNOTLESS HTPP  
1-3/4 in MESH  
BLACK

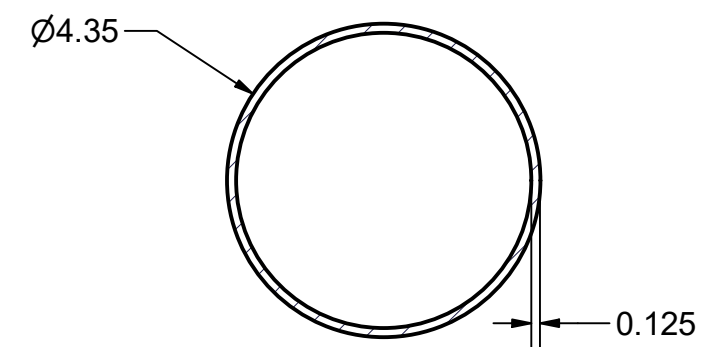


5 GROUND SLEEVES  
PLAIN ALUMINUM

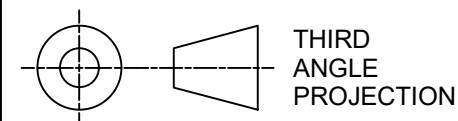
## MATERIAL DETAILS



UPRIGHT  
MATERIAL - ALUMINUM



GROUND SLEEVE  
MATERIAL - ALUMINUM



THIRD  
ANGLE  
PROJECTION



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Drawn By: JSchrader

Date: 6/8/2017

Sheet: 3 of 5

Revision #: 2

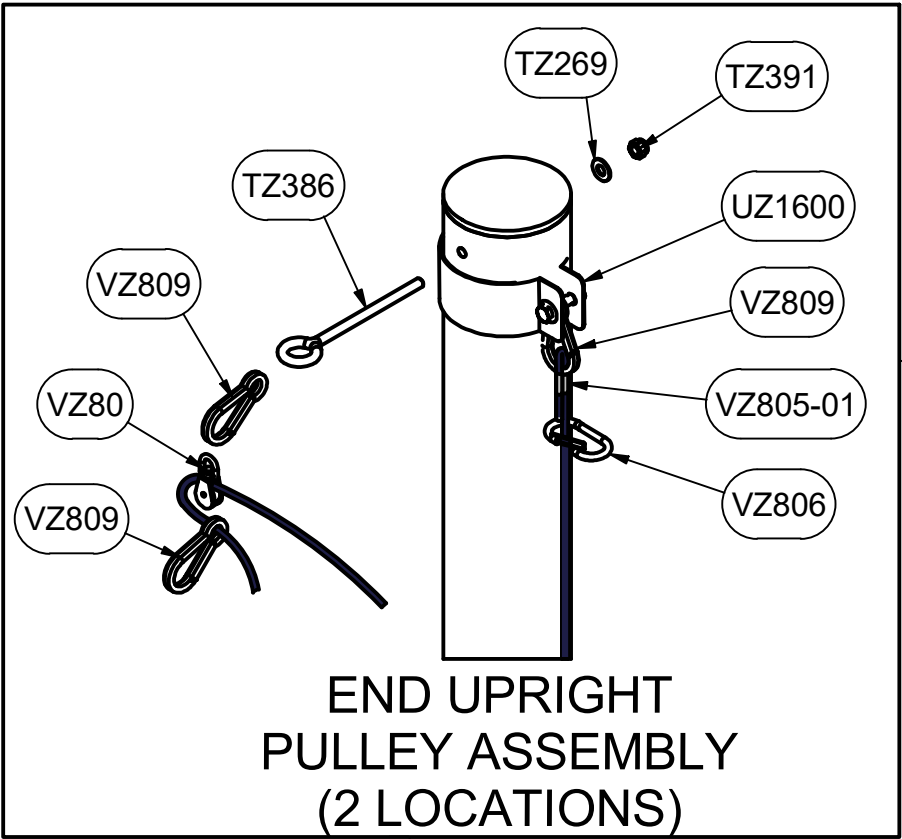
Cad File: 7E501.idw

Drawing #:

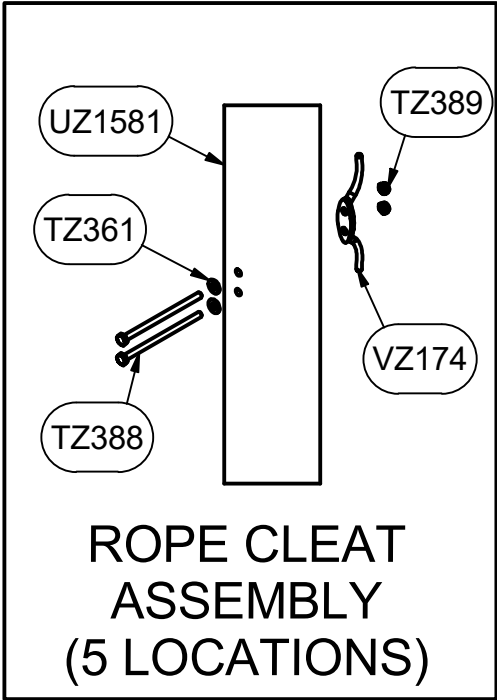
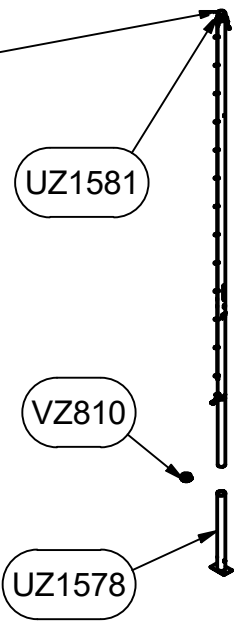
7E501

Desc:

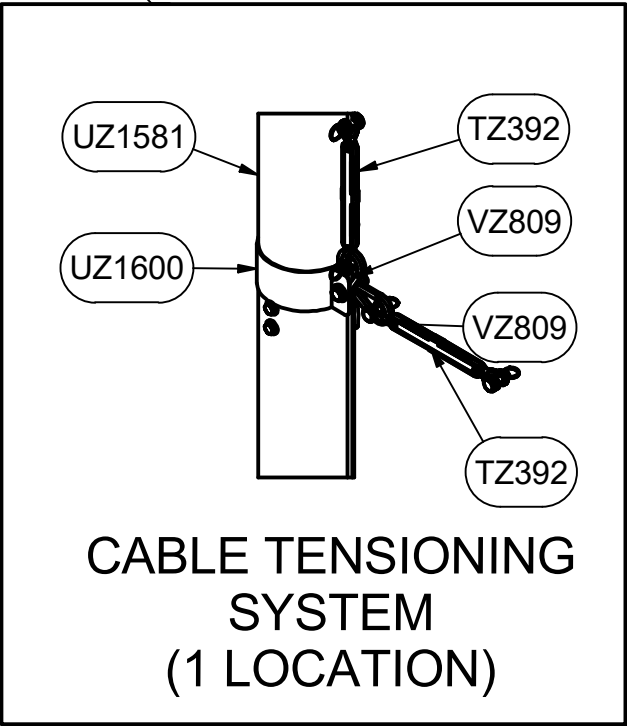
20'H X 80'L MULTI-SPORT  
BACKSTOP



END UPRIGHT  
PULLEY ASSEMBLY  
(2 LOCATIONS)

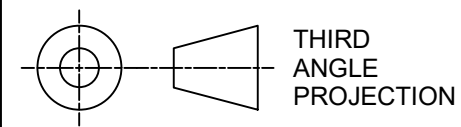


ROPE CLEAT  
ASSEMBLY  
(5 LOCATIONS)



CABLE TENSIONING  
SYSTEM  
(1 LOCATION)

Parts List		
Part #	Qty	Description
3E501	1	NET, 2.4MM ROPE, 1 3/4" MESH
TZ269	19	5/16 FLAT WASHER
TZ361	10	1/4 FLAT WASHER
TZ386	5	5/16-18 x 4 1/2 EYE BOLT, BENT
TZ388	12	1/4-20 x 4 3/4 HEX BOLT
TZ389	12	1/4-20 THIN LOCK NUT
TZ390	7	5/16-18 x 1 1/2 HEX BOLT
TZ391	12	5/16-18 LOCK NUT
TZ392	3	TURNBUCKLE, JAW & JAW
TZ394	5	1/2-13 x 5 HEX BOLT
TZ395	5	1/2-13 LOCK NUT
TZ396	2	CABLE CLIP 3/16"
UZ1578	5	GROUND SLEEVE
UZ1581	5	7E501 UPRIGHT
UZ1600	7	7E501 UPRIGHT CLAMP
VZ80	5	3/4" SWIVEL PULLEY
VZ174	5	ROPE CLEAT
VZ641	5	5mm BRAIDED ROPE, 38' LONG
VZ805-01	2	CABLE ASSEMBLY
VZ805-02	1	CABLE ASSEMBLY
VZ806	28	1/4" SNAP LINK SS
VZ809	19	9/32" SNAP LINK
VZ810	5	FLEX CAP 4"
VZ812-01	1	CABLE ASSEMBLY



THIRD  
ANGLE  
PROJECTION

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Approved By:

Date:

Drawn By: JSchrader

Date: 6/8/2017

Sheet: 4 of 5

Revision #: 2

Cad File: 7E501.idw

Drawing #:

7E501

Desc:

WIND LOAD SUMMARY FOR 20' HIGH MULTI-SPORT BACKSTOP SYSTEM  
IN ACCORDANCE WITH KWIK GOAL SPECIFICATION 7E501, Rev -2

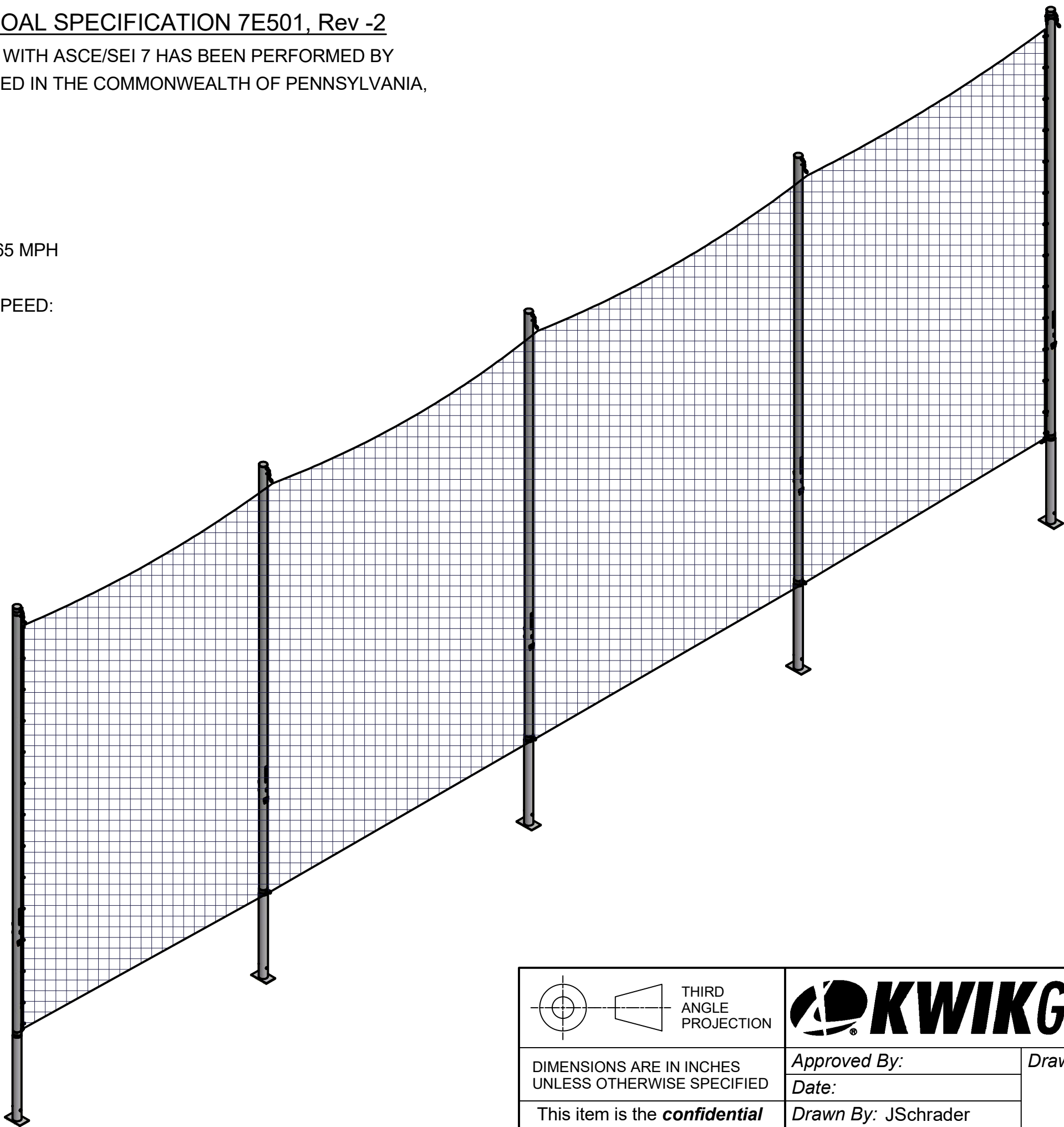
WIND LOAD ANALYSIS IN ACCORDANCE WITH ASCE/SEI 7 HAS BEEN PERFORMED BY  
A PROFESSIONAL ENGINEER REGISTERED IN THE COMMONWEALTH OF PENNSYLVANIA,  
USING THE FOLLOWING PARAMETERS:

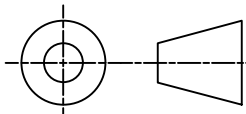

- EXPOSURE CATEGORY C
- NO ESCARPMENT
- AVERAGE SOIL OR SAND

MAXIMUM ALLOWABLE WIND SPEED IS 65 MPH

CALCULATED LOADS AT 65 MPH WIND SPEED:

SHEAR: 604 LBS.  
VERTICAL: 119 LBS.  
MOMENT: 6.04 KIP-FT.



 THIRD ANGLE PROJECTION	 140 Pacific Drive Quakertown, Pa. 18951	
DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED	Approved By:	Drawing #:  7E501
	Date:	
	Drawn By: JSchrader	Desc:  20'H X 80'L MULTI-SPORT BACKSTOP
	Date: 6/8/2017	
	Sheet: 5 of 5	
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	Cad File: 7E501.idw	