ALLSTATE TOWER INC.
P.O. BOX 25
HENDERSON, KY 42419
PHONE: (270) 830-8512

CUSTOMER: WSKV

SITE: STANTON, POWELL COUNTY, KY.

TYPE: 300' GUYED TOWER

JOB NO. AF40888

NOTICE

ALL PIECES MUST BE INVENTORIED WITHIN 24 HOURS OF DELIVERY TO THE JOB SITE. ANY SHORTAGES REPORTED AFTER 24 HOURS OF DELIVERY WILL BE THE RESPONSIBILITY OF THE SUBCONTRACTOR.

WEIGHTS PROVIDED BY ALLSTATE TOWER

CONTRACTOR RESPONSIBLE FOR WEIGHT VERIFICATION PRIOR TO CONSTRUCTION.

NOTES:

CHECKED BY:

DRAWN BY: J.B.

JOB NO. AF40888

DATE: December 5, 2008

ALLSTATE TOWER INC.
P.O. BOX 25
HENDERSON, KY 42419
PHONE: (270) 830-8512

CUSTOMER: WSKV

SITE: STANTON, POWELL COUNTY, KY.

TYPE: 300' GUYED TOWER

JOB NO. AF40888

PC = PIECE
PLT = PALLET
BDL = BUNDLE
CRT = CRATE
D = DRUM
BX = BOX
N/R = NOT REQ'D

BILL OF MATERIALS

ITEM NO.	QTY REQ'D	DESCRIPTION	PART NUMBER	DRAWING NUMBER	TOTAL GALV. WT.	SHIPPING: SHIPPED OK	SHIPPING: RECEIVED OK	SHIPPING: LOADED OK
1.		PRE SHIP						
2.								
3.								
4.		ANCHORS						
5.	3	WELDMENT - SHAFT / ANCHOR HEAD - 13'-6" OVERALL LG			167			
6.								
7.	1	WELDMENT - BASE PIN			70			
8.								
9.								
10.								
11.								
12.								
13.								
14.								
15.								
16.								
17.								
18.								
19.								
20.			TOTAL WEIGHT THIS PAGE:				WEIGHTS ARE SUBJECT TO CHANGE LBS:	237

NOTES: BOLT ASSY, INCLUDES BOLT, NUT, WASHER & LOCK WASHER.

CHECKED BY:

DRAWN BY: J.B.

JOB NO. AF40888

DATE: December 5, 2008

PAGE: 2 OF 9

ALLSTATE TOWER INC.
P.O. BOX 25
HENDERSON, KY 42419
PHONE: (270) 830-8512

CUSTOMER: WSKV

SITE: STANTON, POWELL COUNTY, KY.

TYPE: 300' GUYED TOWER

JOB NO. AF40888

PC = PIECE
PLT = PALLET
BDL = BUNDLE
CRT = CRATE
D = DRUM
BX = BOX
N/R = NOT REQ'D

BILL OF MATERIALS

ITEM NO.	QTY REQ'D	DESCRIPTION	PART NUMBER	DRAWING NUMBER	TOTAL GALV. WT.	SHIPPING: SHIPPED OK	SHIPPING: RECEIVED OK	SHIPPING: LOADED OK
1.		TOWER SECTIONS						
2.								
3.	1	WELDMENT - LEGS - 1 1/2"ϕ X 20' -0" (Includes Tapered Base)	S1	S1	682			
4.	1	WELDMENT - LEGS - 1 1/2"ϕ X 20' -0"	S2	S2	575			
5.	1	WELDMENT - LEGS - 1 1/2"ϕ X 20' -0"	S3	S3	586			
6.	1	WELDMENT - LEGS - 1 1/2"ϕ X 20' -0"	S4	S4	575			
7.	1	WELDMENT - LEGS - 1 1/2"ϕ X 20' -0"	S5	S5	575			
8.	1	WELDMENT - LEGS - 1 1/2"ϕ X 20' -0"	S6	S6	586			
9.	1	WELDMENT - LEGS - 1 1/4"ϕ X 20' -0"	S7	S7	457			
10.	1	WELDMENT - LEGS - 1 1/4"ϕ X 20' -0"	S8	S8	457			
11.	1	WELDMENT - LEGS - 1 1/4"ϕ X 20' -0"	S9	S9	468			
12.	1	WELDMENT - LEGS - 1 1/4"ϕ X 20' -0"	S10	S10	457			
13.	1	WELDMENT - LEGS - 1 1/2"ϕ X 20' -0"	S11	S11	575			
14.	1	WELDMENT - LEGS - 1 1/2"ϕ X 20' -0"	S12	S12	624			
15.	1	WELDMENT - LEGS - 1 1/4"ϕ X 20' -0"	S13	S13	495			
16.	1	WELDMENT - LEGS - 1 1/4"ϕ X 20' -0"	S14	S14	468			
17.	1	WELDMENT - LEGS - 1 1/4"ϕ X 20' -0"	S15	S15	457			
18.								
19.							WEIGHTS ARE SUBJECT TO CHANGE	
20.			TOTAL WEIGHT THIS PAGE:				LBS:	8,037

NOTES: BOLT ASSY, INCLUDES BOLT, NUT, WASHER & LOCK WASHER.

CHECKED BY:

DRAWN BY: J.B.

JOB NO. AF40888

DATE: December 5, 2008

PAGE: 3 OF 9

ALLSTATE TOWER INC.
P.O. BOX 25
HENDERSON, KY 42419
PHONE: (270) 830-8512

CUSTOMER: WSKV

SITE: STANTON, POWELL COUNTY, KY.

TYPE: 300' GUYED TOWER

JOB NO. AF40888

PC = PIECE
PLT = PALLET
BDL = BUNDLE
CRT = CRATE
D = DRUM
BX = BOX
N/R = NOT REQ'D

BILL OF MATERIALS

ITEM NO.	QTY REQ'D	DESCRIPTION	PART NUMBER	DRAWING NUMBER	TOTAL WT.	SHIPPING: SHIPPED OK	SHIPPING: RECEIVED OK	SHIPPING: LOADED OK
1.		GUYED KIT						
2.	12	3/4" X 18" TURNBUCKLE (For 5/16" EHS, 3/8" EHS, & 7/16" EHS Guy Wire)			84			
3.	3	7/8" X 18" TURNBUCKLE (For 1/2" EHS Guy Wire)			30			
4.								
5.								
6.								
7.	12	5/16" BIG GRIP DEAD END (For 5/16" EHS Guy Wire)			10			
8.	6	3/8" BIG GRIP DEAD END (For 3/8" Guy Wire)			8			
9.	6	7/16" BIG GRIP DEAD END (For 7/16" Guy Wire)			12			
10.	6	1/2" BIG GRIP DEAD END (For 1/2" Guy Wire)			19			
11.								
12.								
13.								
14.	12	5/16" END SLEEVE (For 5/16" EHS Guy Wire)			1			
15.	6	3/8" END SLEEVE (For 3/8" EHS Guy Wire)			1			
16.	6	7/16" END SLEEVE (For 7/16" EHS Guy Wire)			1			
17.	6	1/2" END SLEEVE (For 1/2" EHS Guy Wire)			1			
18.								
19.							WEIGHTS ARE SUBJECT TO CHANGE	
20.			TOTAL WEIGHT THIS PAGE:				LBS:	167

NOTES: BOLT ASSY, INCLUDES BOLT, NUT, WASHER & LOCK WASHER.

CHECKED BY:

DRAWN BY: J.B.

JOB NO. AF40888

DATE: December 5, 2008

PAGE: 4 OF 9

ALLSTATE TOWER INC.
P.O. BOX 25
HENDERSON, KY 42419
PHONE: (270) 830-8512

CUSTOMER: WSKV

SITE: STANTON, POWELL COUNTY, KY.

TYPE: 270' GUYED TOWER

JOB NO. AF40888

PC = PIECE
PLT = PALLET
BDL = BUNDLE
CRT = CRATE
D = DRUM
BX = BOX
N/R = NOT REQ'D

BILL OF MATERIALS

ITEM NO.	QTY REQ'D	DESCRIPTION	PART NUMBER	DRAWING NUMBER	TOTAL WT.	SHIPPING: SHIPPED OK	SHIPPING: RECEIVED OK	SHIPPING: LOADED OK
1.		GUYED KIT CONTINUED						
2.	12	3/8" HEAVY DUTY THIMBLE (For 5/16" EHS Guy Wire)			3			
3.	12	1/2" HEAVY DUTY THIMBLE (For 3/8" EHS & 7/16 EHS Guy Wire)			6			
4.	6	5/8" HEAVY DUTY THIMBLE (For 1/2" EHS Guy Wire)			5			
5.								
6.	12	5/8" SHACKLE (For 5/16" EHS, 3/8" EHS & 7/16" EHS Guy Wire)			18			
7.	3	3/4" SHACKLE (For 1/2" EHS Guy Wire)			7			
8.								
9.								
10.	1	45' of 1/2" EHS GUY WIRE (For Turnbuckle Safety Wire)			24			
11.	6	1/2" WIRE ROPE CLIP			3			
12.		(15' of guy wire w/ 2 clamps on each anchor assembly)						
13.								
14.	ELEV.	GUY WIRE (240' GUY RADIUS)						
15.	58'	5/16" EHS WIRE - (3) 270' LG. CUT LENGTHS - 810' TOTAL LENGTH			166			
16.	112'	5/16" EHS WIRE - (3) 290' LG. CUT LENGTHS - 870' TOTAL LENGTH			179			
17.	170'	3/8" EHS WIRE - (3) 325' LG. CUT LENGTHS - 975' TOTAL LENGTH			267			
18.	230'	1/2" EHS WIRE - (3) 365' LG. CUT LENGTHS - 1095' TOTAL LENGTH			566			
19.	280'	7/16" EHS WIRE - (3) 405' LG. CUT LENGTHS - 1215' TOTAL LENGTH			485		WEIGHTS ARE SUBJECT TO CHANGE	
20.			TOTAL WEIGHT THIS PAGE:				LBS:	1,729

NOTES: BOLT ASSY, INCLUDES BOLT, NUT, WASHER & LOCK WASHER.

CHECKED BY:

DRAWN BY: J.B.

JOB NO. AF40888

DATE: December 5, 2008

PAGE: 5 OF 9

ALLSTATE TOWER INC.
P.O. BOX 25
HENDERSON, KY 42419
PHONE: (270) 830-8512

CUSTOMER: WSKV

SITE: STANTON, POWELL COUNTY, KY.

TYPE: 300' GUYED TOWER

JOB NO. AF40888

PC = PIECE
PLT = PALLET
BDL = BUNDLE
CRT = CRATE
D = DRUM
BX = BOX
N/R = NOT REQ'D

BILL OF MATERIALS

ITEM NO.	QTY REQ'D	DESCRIPTION	PART NUMBER	DRAWING NUMBER	TOTAL GALV. WT.	SHIPPING: SHIPPED OK	SHIPPING: RECEIVED OK	SHIPPING: LOADED OK
1.								
2.		GROUNDING						
3.	1	LIGHTNING ROD - 4' - 0"						
4.	1	#2 SOLID COPPER GROUND WIRE - 60'- 0"						
5.	5	COPPER GROUND RODS - 5/8"ϕ X 8' - 0"						
6.	5	5/8" GROUND CLAMPS						
7.	2	GROUND LUGS						
8.	6	5/16" GUY WIRE GROUND CLAMPS						
9.	3	3/8" GUY WIRE GROUND CLAMPS						
10.	3	7/16" GUY WIRE GROUND CLAMPS						
11.	3	1/2" GUY WIRE GROUND CLAMPS						
12.								
13.								
14.		SAFETY CLIMB						
15.	1	KIT - LADDER STYLE SAFETY CLIMB - 300' - 0"			100			
16.								
17.		BEACON MOUNT HARDWARE						
18.	4	BOLT ASSY, 5/8ϕ X 2 (A325)			2			
19.		(INTEGRAL UNIVERSAL BEACON MOUNT PROVIDED)					WEIGHTS ARE SUBJECT TO CHANGE	
20.			TOTAL WEIGHT THIS PAGE:				LBS:	102

NOTES: BOLT ASSY, INCLUDES BOLT, NUT, WASHER & LOCK WASHER.

CHECKED BY:

DRAWN BY: J.B.

JOB NO. AF40888

DATE: December 5, 2008

PAGE: 6 OF 9

ALLSTATE TOWER INC.
P.O. BOX 25
HENDERSON, KY 42419
PHONE: (270) 830-8512

CUSTOMER: WSKV

SITE: STANTON, POWELL COUNTY, KY.

TYPE: 300' GUYED TOWER

JOB NO. AF40888

PC = PIECE
PLT = PALLET
BDL = BUNDLE
CRT = CRATE
D = DRUM
BX = BOX
N/R = NOT REQ'D

BILL OF MATERIALS

ITEM NO.	QTY REQ'D	DESCRIPTION	PART NUMBER	DRAWING NUMBER	TOTAL GALV. WT.	SHIPPING: SHIPPED OK	SHIPPING: RECEIVED OK	SHIPPING: LOADED OK
1.		SPLICE BOLTS - SECTIONS 1 THRU 14						
2.	12	BOLT ASSY, 5/8" DIA. X 2 1/2" (HD) (A325) (SPL)		S1	7			
3.	12	BOLT ASSY, 5/8" DIA. X 2 1/2" (HD) (A325) (SPL)		S2	7			
4.	12	BOLT ASSY, 5/8" DIA. X 2 1/2" (HD) (A325) (SPL)		S3	7			
5.	12	BOLT ASSY, 5/8" DIA. X 2 1/2" (HD) (A325) (SPL)		S4	7			
6.	12	BOLT ASSY, 5/8" DIA. X 2 1/2" (HD) (A325) (SPL)		S5	7			
7.	12	BOLT ASSY, 5/8" DIA. X 2 1/2" (HD) (A325) (SPL)		S6	7			
8.	12	BOLT ASSY, 5/8" DIA. X 2 1/2" (HD) (A325) (SPL)		S7	7			
9.	12	BOLT ASSY, 5/8" DIA. X 2 1/2" (HD) (A325) (SPL)		S8	7			
10.	12	BOLT ASSY, 5/8" DIA. X 2 1/2" (HD) (A325) (SPL)		S9	7			
11.	12	BOLT ASSY, 5/8" DIA. X 2 1/2" (HD) (A325) (SPL)		S10	7			
12.	12	BOLT ASSY, 5/8" DIA. X 2 1/2" (HD) (A325) (SPL)		S11	7			
13.	12	BOLT ASSY, 5/8" DIA. X 2 1/2" (HD) (A325) (SPL)		S12	7			
14.	12	BOLT ASSY, 5/8" DIA. X 2 1/2" (HD) (A325) (SPL)		S13	7			
15.	12	BOLT ASSY, 5/8" DIA. X 2 1/2" (HD) (A325) (SPL)		S14	7			
16.								
17.								
18.								
19.							WEIGHTS ARE SUBJECT TO CHANGE	
20.			TOTAL WEIGHT THIS PAGE:				LBS:	98

NOTES: BOLT ASSY, INCLUDES BOLT, NUT, WASHER & LOCK WASHER.

CHECKED BY:

DRAWN BY: J.B.

JOB NO. AF40888

DATE: December 5, 2008

PAGE: 7 OF 9

ALLSTATE TOWER INC.
P.O. BOX 25
HENDERSON, KY 42419
PHONE: (270) 830-8512

CUSTOMER: WSKV

SITE: STANTON, POWELL COUNTY, KY.

TYPE: 300' GUYED TOWER

JOB NO. AF40888

PC = PIECE
PLT = PALLET
BDL = BUNDLE
CRT = CRATE
D = DRUM
BX = BOX
N/R = NOT REQ'D

BILL OF MATERIALS

ITEM NO.	QTY REQ'D	DESCRIPTION	SECTION WEIGHT		HARDWARE WEIGHT	DRAWING NUMBER	TOTAL WEIGHT	SHIPPING: SHIPPED OK	SHIPPING: RECEIVED OK	SHIPPING: LOADED OK
1.		SECTION WEIGHT								
2.		SECTION 1	682		7	S1	689			
3.		SECTION 2	575		7	S2	582			
4.		SECTION 3	586		7	S3	593			
5.		SECTION 4	575		7	S4	582			
6.		SECTION 5	575		7	S5	582			
7.		SECTION 6	586		7	S6	593			
8.		SECTION 7	457		7	S7	464			
9.		SECTION 8	457		7	S8	464			
10.		SECTION 9	468		7	S9	475			
11.		SECTION 10	457		7	S10	464			
12.		SECTION 11	575		7	S11	582			
13.		SECTION 12	624		7	S12	631			
14.		SECTION 13	495		7	S13	502			
15.		SECTION 14	468		7	S14	475			
16.		SECTION 15	457			S15	457			
17.										
18.										
19.									WEIGHTS ARE SUBJECT TO CHANGE	
20.					TOTAL WEIGHT THIS PAGE:				LBS:	8,135

NOTES: BOLT ASSY, INCLUDES BOLT, NUT, WASHER & LOCK WASHER.

CHECKED BY:

DRAWN BY: J.B.

JOB NO. AF40888

DATE: December 5, 2008

PAGE: 8 OF 9

ALLSTATE TOWER INC.
P.O. BOX 25
HENDERSON, KY 42419
PHONE: (270) 830-8512

CUSTOMER: WSKV

SITE: STANTON, POWELL COUNTY, KY.

TYPE: 300' GUYED TOWER

JOB NO. AF40888

PC = PIECE
PLT = PALLET
BDL = BUNDLE
CRT = CRATE
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BX = BOX
N/R = NOT REQ'D

BILL OF MATERIALS

ITEM NO.	QTY REQ'D	DESCRIPTION	DRAWING NUMBERS	TOTAL WT.	SHIPPING: SHIPPED OK	SHIPPING: RECEIVED OK	SHIPPING: LOADED OK
1.		ACCESSORY WEIGHTS					
2.							
3.		TRANSMISSION LINE BRIDGE					
4.	1	24" GRIP STRUT 14 GA. X 3" CH. DEPTH X 10' L.	IB1	27			
5.	2	HORSEHEAD WELDMENT	IB1	78			
6.	2	3" SCH. 40 PIPE	IB1	213			
7.	2	PIPE CAP (3 1/2" O.D.)	IB1	1			
8.	9	2" X 2" X 1/8" WAVEGUIDE HANGERS	IB1	27			
9.	3	2" X 2" X 1/8" VERTICAL SUPPORT HANGERS	IB1	23			
10.	3	2 1/2" X 7" X 1/4" VERTICAL SUPPORT BACKING PLATE	IB1	6			
11.	4	1/2" DIA. X 4 1/4" C-C X 5 1/2" ISL U-BOLT ASSY	IB1	3			
12.	18	3/8" DIA. X 1 1/4" BOLT ASSY	IB1	5			
13.	6	1/2" DIA. X 2 1/4" BOLT ASSY	IB1	2			
14.	2	3/8" DIA. X 3 3/4" BOLT ASSY	IB1	1			
15.							
16.							
17.							
18.							
19.							
20.			TOTAL WEIGHT THIS PAGE:				

WEIGHTS ARE SUBJECT TO CHANGE

LBS: 386

NOTES: BOLT ASSY, INCLUDES BOLT, NUT, WASHER & LOCK WASHER.

CHECKED BY:

DRAWN BY: J.B.

JOB NO. AF40888

DATE: December 5, 2008

PAGE: 9 OF 9

ALLSTATE TOWER INC.
P.O. BOX 25
HENDERSON, KENTUCKY 42419
PHONE: (270) 830-8512

300' GUYED TOWER

CUSTOMER: WSKV
SITE: STANTON
LOCATION: POWELL COUNTY, KY

ALLSTATE JOB NO: AF40888
DATE: 12/05/2008

FABRICATION DWGS.

CHECKED BY: _____

ALLSTATE TOWER INC.

P.O. BOX 25
HENDERSON, KY 42419
PHONE: (270) 830-8512
FAX: (270) 830-8475

SCALE:	N.T.S.
TOLERANCE BANDS ALL DIMENSIONS ARE ±1/16" ALL ANGULAR DIM ARE ±1/2° UNLESS OTHERWISE NOTED	
APPROX. WEIGHT	7.5 KIPS
PROPOSAL #:	AB1810 - TOWER DESIGN OVERVIEW
SITE:	STANTON
LOCATION:	POWELL COUNTY, KY.
DESCRIPTION:	300' GUYED TOWER
CUSTOMER:	WSKV
DRAWN BY:	W.MILLER
DATE:	12/03/2008
REV:	REV. NO.
REV. DATE:	REV. DATE
JOB NO.	AF40888
SHEET	A

PROPRIETARY STATEMENT: THIS DRAWING IS THE PROPERTY OF ALLSTATE TOWER CO. IT IS NOT TO BE REPRODUCED OR COPIED IN ANYWAY WITHOUT PRIOR WRITTEN CONSENT OF ALLSTATE TOWER CO.

ANTENNA LOADING:

ELEV.	ANTENNAS	FEEDLINES
TOP	(1)2BAY FM ANTENNA W/RADOME	(1) 1.625"
180'	(1)PR-950	(1) 1.625"
100'	(1)9 METER WHIP ANTENNA	(1) 1.625"
200'	(2)TYPICAL WHIP ANTENNA	(2) 1.625"
260'	(12)4'x1' PANEL ANTENNA	(12) 1.625"
250'	(12)4'x1' PANEL ANTENNA	(12) 1.625"
240'	(12)4'x1' PANEL ANTENNA	(12) 1.625"

-- SEE PLAN VIEW FOR FEEDLINE DISTRIBUTION.
-- INTEGRAL CLIMBING STEPS WITH SAFETY CLIMB DEVICE

GUY ANCHOR REACTIONS:

HORIZONTAL	= 25 KIPS
VERTICAL	= 20 KIPS
RESULTANT	= 32 KIPS

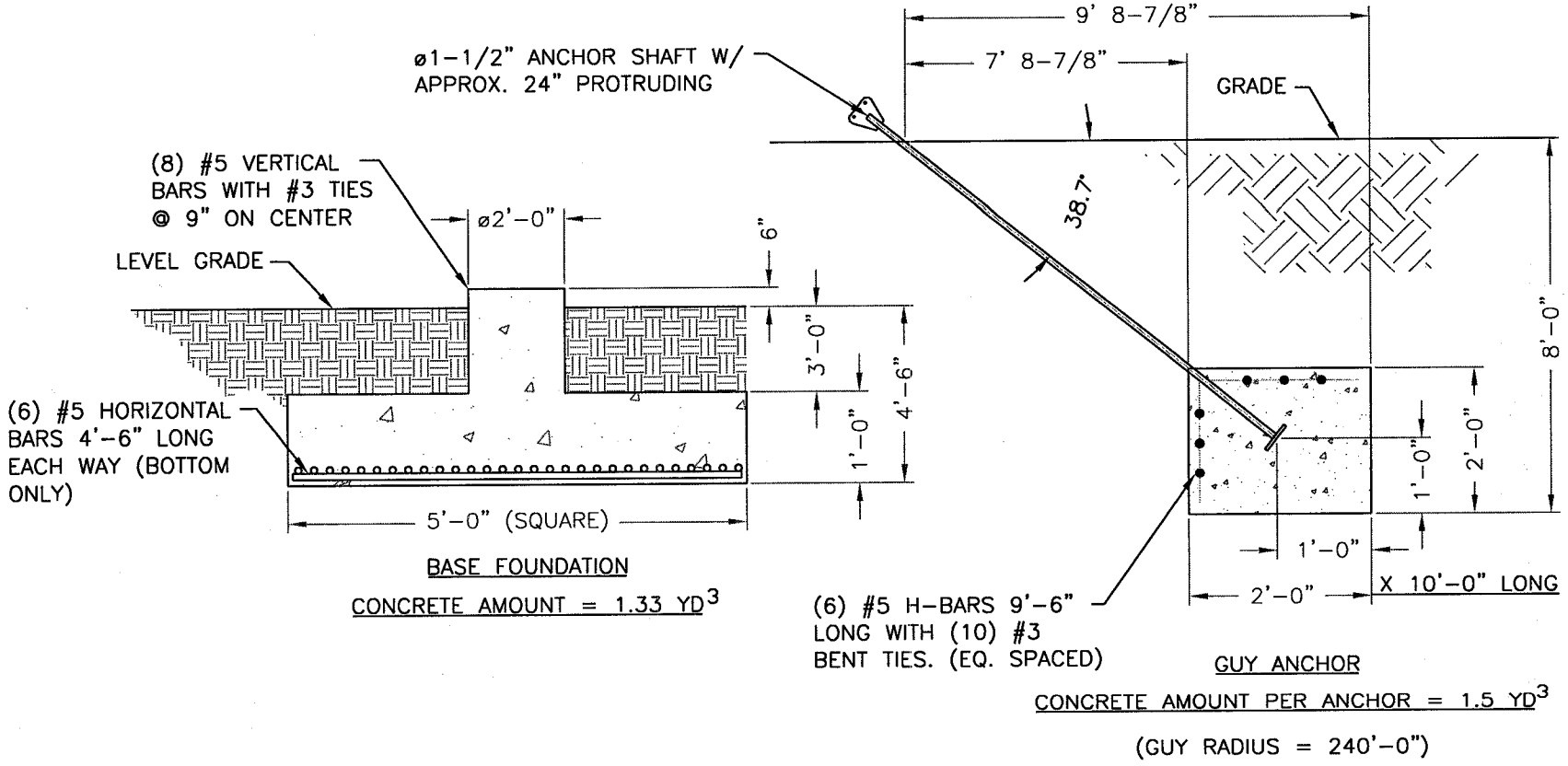
BASE REACTIONS:

HORIZONTAL	= 0.6 KIP
AXIAL LOAD	= 80 KIPS

DESIGN NOTES:

1) ALL LEGS ARE ASTM A-572 GRADE : Fy ≥ 50 KSI.
2) ALL BRACE MATERIAL IS ASTM A-36 : Fy ≥ 36 KSI.
3) ALL FLANGE BOLTS ARE A325-X.
4) THIS TOWER IS DESIGNED FOR A 70 M.P.H. BASIC WIND SPEED AND .5" OF ICE (WITH REDUCTION) IN ACCORDANCE WITH THE TIA/EIA-222-F STANDARD.

ALLSTATE TOWER INC.
P.O. BOX 25
HENDERSON, KY 42419
PHONE: (270) 830-8512
FAX: (270) 830-8475



BASE FOUNDATION

CONCRETE AMOUNT = 1.33 YD^3

GUY ANCHOR

CONCRETE AMOUNT PER ANCHOR = 1.5 YD^3

(GUY RADIUS = 240'-0")

FOUNDATION INSTALLATION/DESIGN NOTES:

1. THIS FOUNDATION IS DESIGNED TO MEET ALL STANDARDS SET FORTH BY ACI 318: AMERICAN CONCRETE INSTITUTE, BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE, ANSI/TIA/EIA 222-F: STRUCTURAL STANDARDS FOR STEEL ANTENNA TOWERS AND ANTENNA SUPPORTING STRUCTURES.
2. THIS FOUNDATION IS DESIGNED UTILIZING NORMAL SOIL CONDITIONS AS SPECIFIED BY THE ANSI/TIA/EIA 222-F STANDARD.
3. ALL WORK PERFORMED FROM THESE DRAWINGS SHOULD BE BY QUALIFIED CONTRACTORS EXPERIENCED IN TOWER FOUNDATION CONSTRUCTION.
4. ALL FOOTING EXCAVATIONS SHALL BE MANUALLY CLEANED PRIOR TO PLACING CONCRETE. COMPACT THE EXPOSED SOIL SURFACE AND ANY GRANULAR FILL UNDER THE FOUNDATION TO 95% OF THE MODIFIED PROCTOR DENSITY.
5. ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI AFTER 28 DAYS. COPIES OF THE CONCRETE CYLINDER TEST REPORTS SHALL BE SENT TO THE RESIDENT ENGINEER / INSPECTOR.
6. MINIMUM CONCRETE COVER FOR REINFORCING BARS SHALL BE 3".
7. FIELD BENDING OR WELDING OF REINFORCEMENT BARS IS NOT PERMITTED.
8. PROVIDE CHAMFERS AT ALL EXPOSED CORNERS OF CONCRETE.
9. BACKFILL NEAR AND AROUND THE FOUNDATIONS SHALL BE A WELL GRADED FILL MATERIAL PLACED IN 8" THICK LAYERS THAT HAS BEEN COMPACTED TO 95% OF THE MODIFIED PROCTOR DENSITY PER ASTM D1557.
10. SOME DETAIL HAS BEEN PURPOSELY OMITTED TO CLARIFY ILLUSTRATION.

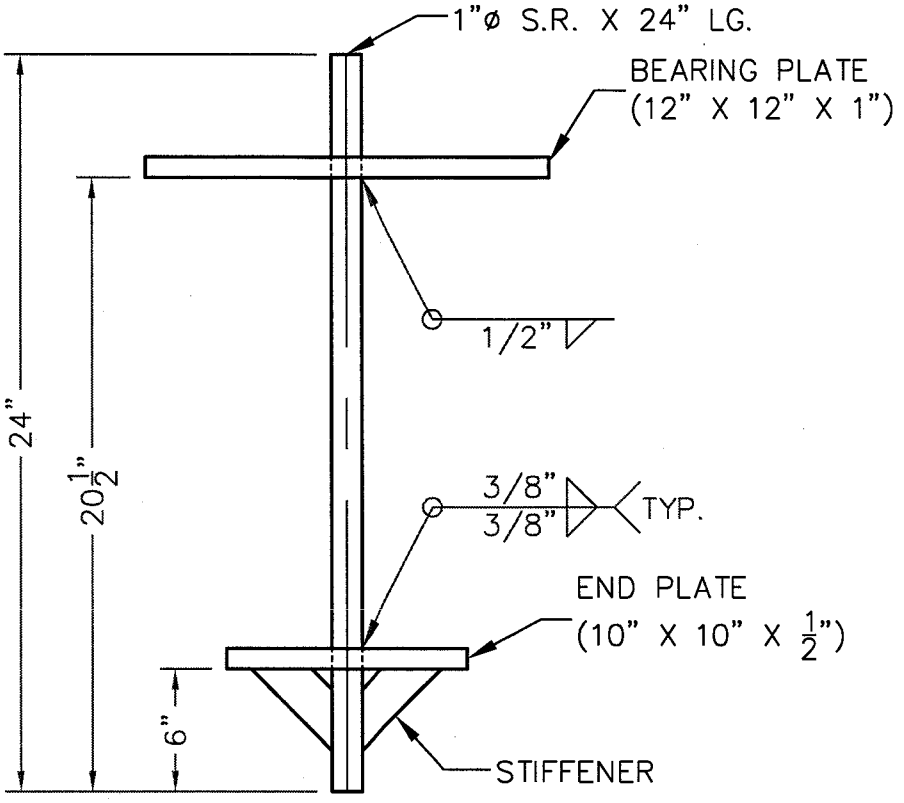
REINFORCEMENT BAR SPLICING:

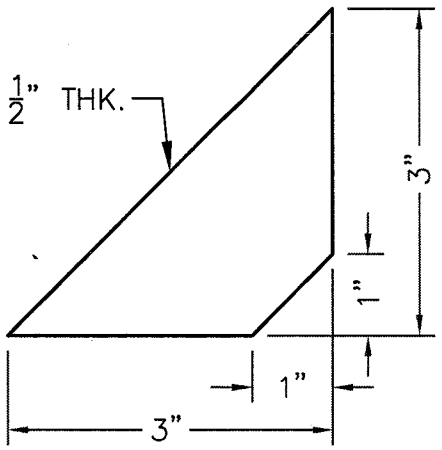
1. ALL LAP SPLICES SHALL CONFORM TO ACI 318 REQUIREMENTS.
2. REFER TO CHART BELOW WHEN REINFORCMENT BAR SPLICING IS NECESSARY.

REINFORCING BAR SIZE	LAP SPLICE LENGTH
3	15"
4	17"
5	21"
6	26"
7	30"
8	36"
9	46"
10	58"
11	71"

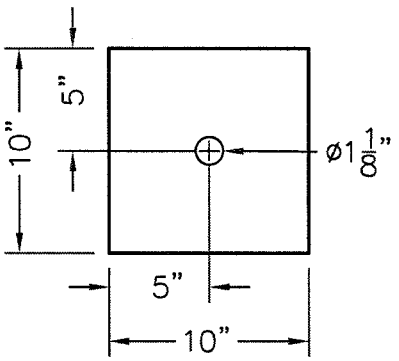
SCALE: N.T.S.
TOLERANCE BANDS ALL DIMENSIONS ARE ±1/2" ALL ANGULAR DIM ARE ±1/2° UNLESS OTHERWISE NOTED
APPROX. WEIGHT N/A
PROPRIETARY STATEMENT: THIS DRAWING IS THE PROPERTY OF ALLSTATE TOWER CO. IT IS NOT TO BE REPRODUCED OR COPIED IN ANYWAY WITHOUT PRIOR WRITTEN CONSENT OF ALLSTATE TOWER CO.
CUSTOMER: WSKV
DESCRIPTION: DEADMAN FOUNDATION DESIGN
LOCATION: POWELL COUNTY, KY
SITE: STANTON
PROPOSAL #: AB1810 - FOUNDATION DESIGN
DRAWN BY: W.MILLER
DATE: 12/03/2008
REV: REV. NO.
REV. DATE: REV. DATE
JOB NO.: AF40888
SHEET: B

PIVOT PIN DETAIL

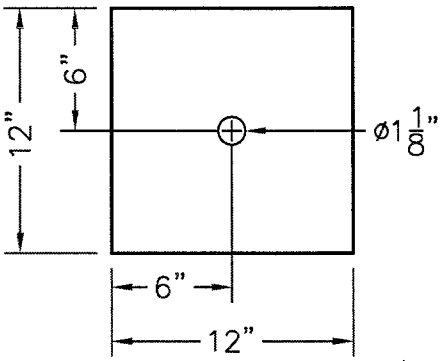




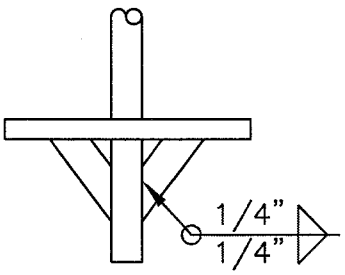
STIFFENER
(2 REQ'D)

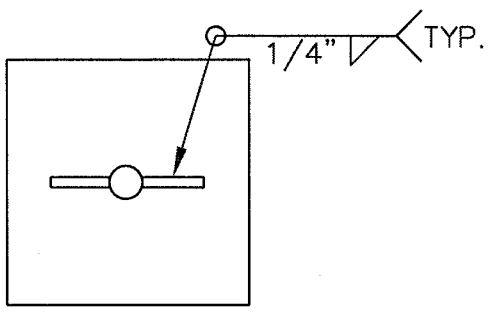


END PLATE
(1 REQ'D)



BEARING PLATE
(1 REQ'D)

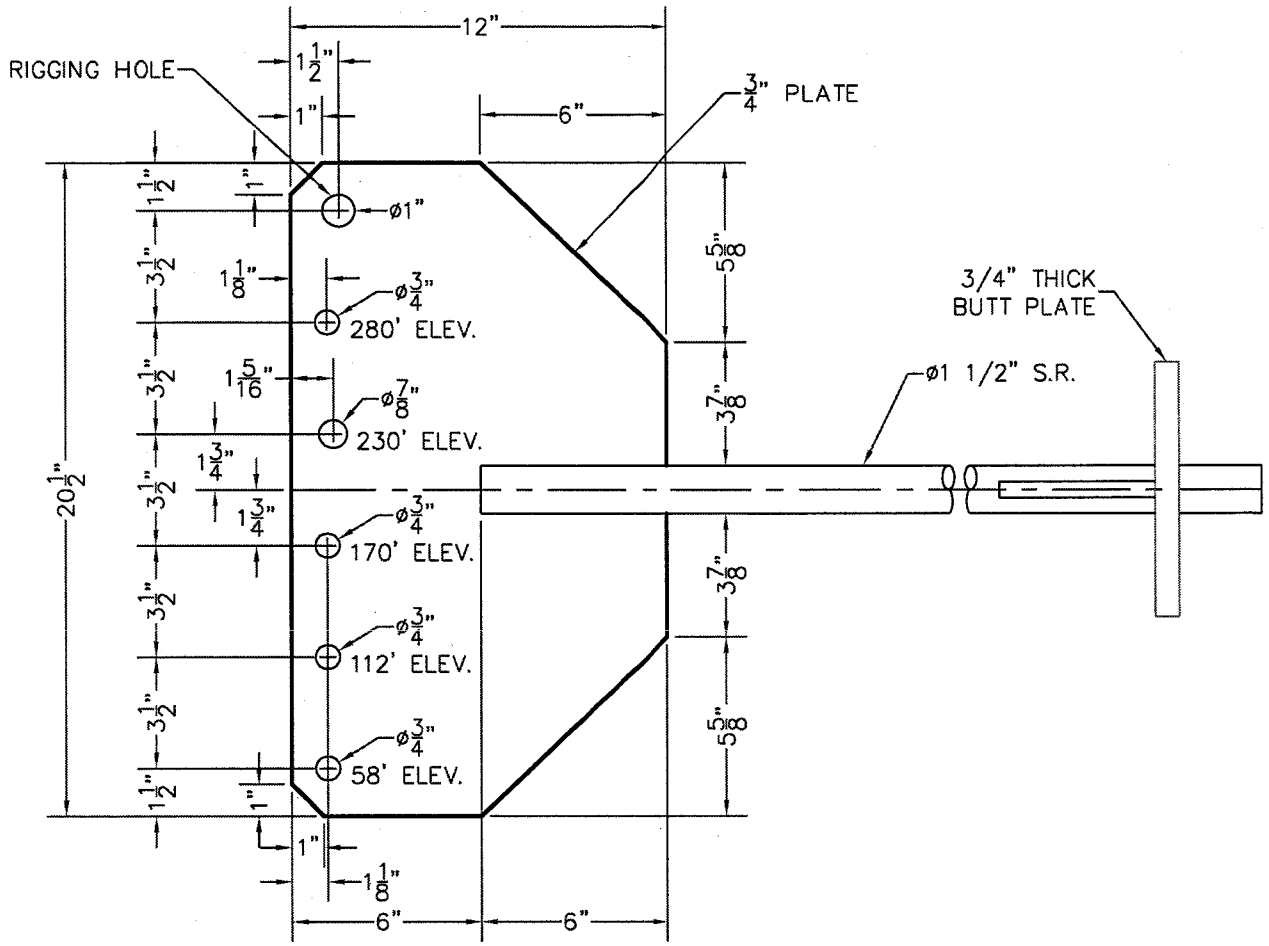


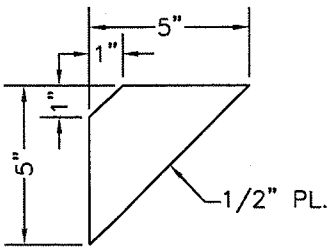


ALLSTATE TOWER INC.

P.O. BOX 25
HENDERSON, KY 42419
PHONE: (270) 830-8512
FAX: (270) 830-8475

SCALE: NTS	PROPRIETARY STATEMENT: THIS DRAWING IS THE PROPERTY OF ALLSTATE TOWER CO. IT IS NOT TO BE REPRODUCED OR COPIED IN ANYWAY WITHOUT PRIOR WRITTEN CONSENT OF ALLSTATE TOWER CO.		
TOLERANCE BANDS ALL DIMENSIONS ARE ±1/16" ALL ANGULAR DIM ARE ±1/2° UNLESS OTHERWISE NOTED	CUSTOMER: WSKV	DRAWN BY: W.MILLER	
	DESCRIPTION: 300' GUYED TOWER	DATE: 12/05/2008	
	LOCATION: POWELL COUNTY, KY	REV: 0	
	SITE: STANTON	REV. DATE: 0	
APPROX. WEIGHT: REF. SHIPPING LIST	FILE NAME: PP	JOB NO. AF40888	SHEET PP



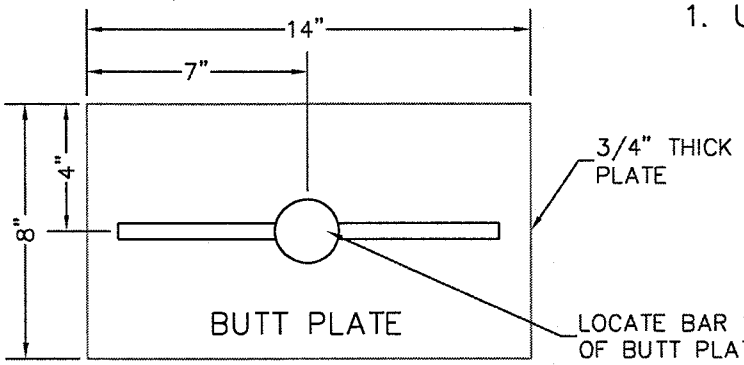


STIFFENERS
(6 REQ'D. TOTAL)

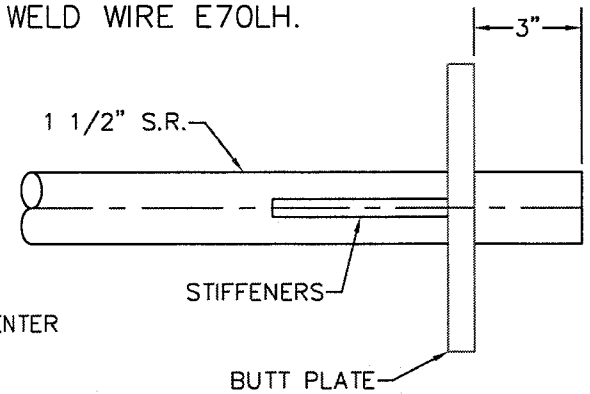
SHAFT LENGTH = 13'-0"
OVERALL SHAFT LENGTH W/ANCHOR = 13'-6"
(ANCHOR HEAD – 12" X 20 1/2" X 3/4" THICK)
(3 REQ'D. TOTAL)

NOTE:

1. USE WELD WIRE E70LH.



(3 REQD)



ALLSTATE TOWER INC.
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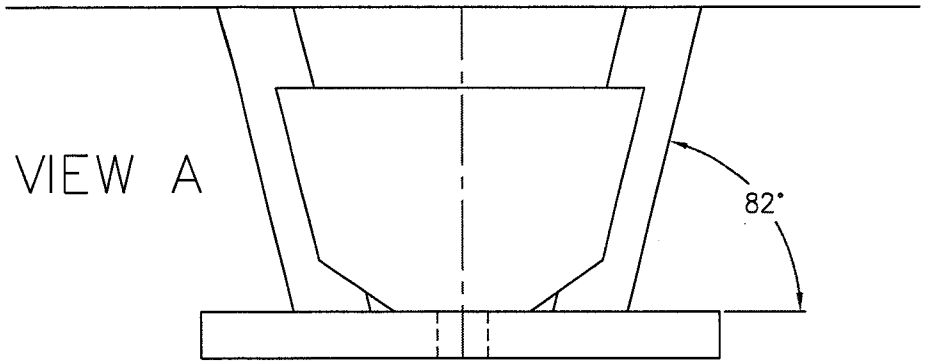
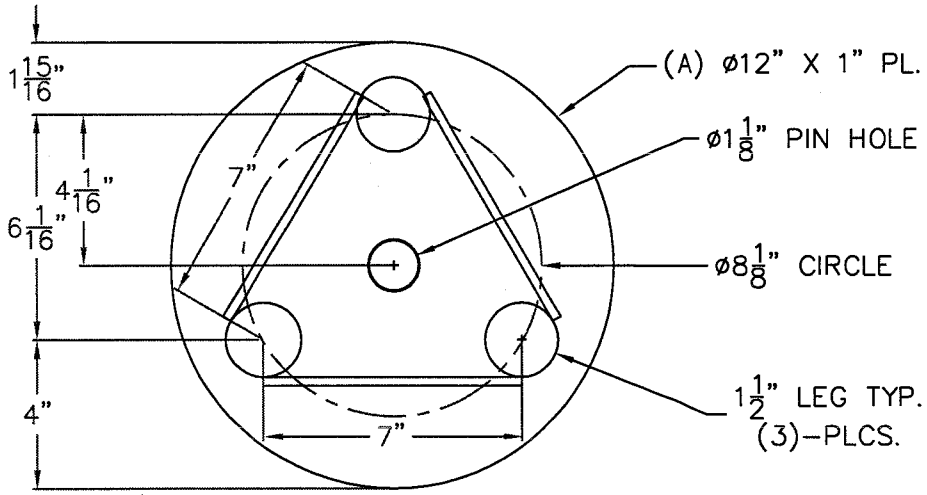
SCALE:	NTS
TOLERANCE BANDS	ALL DIMENSIONS ARE ±1/16" ALL ANGULAR DIM ARE ±1/2° UNLESS OTHERWISE NOTED
APPROX. WEIGHT	REF. SHIPPING LIST

PROPRIETARY STATEMENT: THIS DRAWING IS THE PROPERTY OF ALLSTATE TOWER CO. IT IS NOT TO BE REPRODUCED OR COPIED IN ANYWAY WITHOUT PRIOR WRITTEN CONSENT OF ALLSTATE TOWER CO.

CUSTOMER:	WSKV
DESCRIPTION:	ANCHOR ROD/FAN PLATE
LOCATION:	POWELL COUNTY, KY.
SITE:	STANTON
FILE NAME:	AH1-240' RADIUS
DRAWN BY:	J.B.
DATE:	12/05/2008
REV:	REV. NO.
REV. DATE:	REV. DATE
JOB NO.	AF40888
SHEET	AH1





TOP VIEW @ BASE

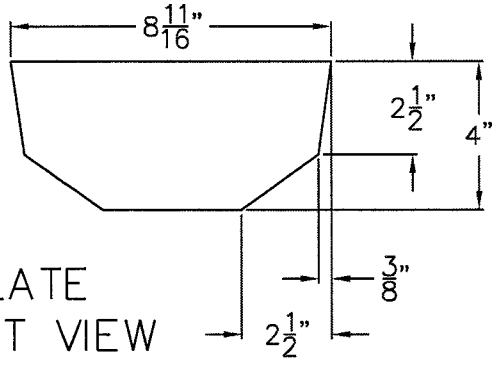
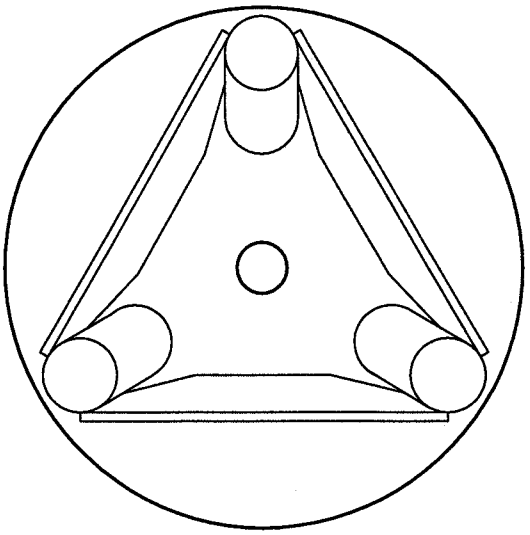


PLATE
FRONT VIEW



TOP VIEW

PART	QTY.	GRADE	DESCRIPTION
PLATE	3	A36	8 11/16" X 4" X 1/4" THICK
A	1	A36	PL. 12" O.D. X 1" THICK

NOTE:
1. USE WELD WIRE E70LH.

ALLSTATE TOWER INC.
P.O. BOX 25
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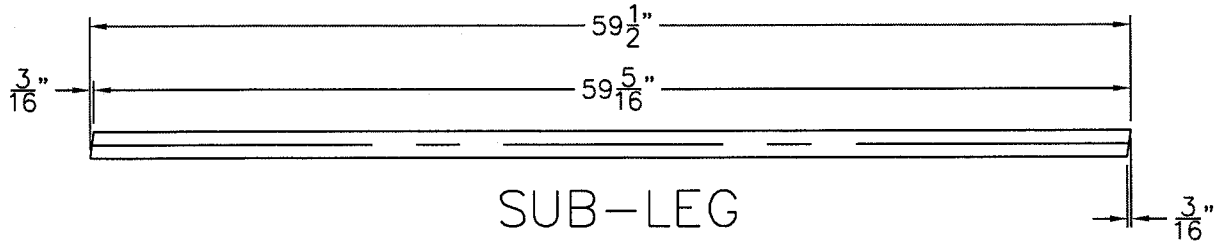
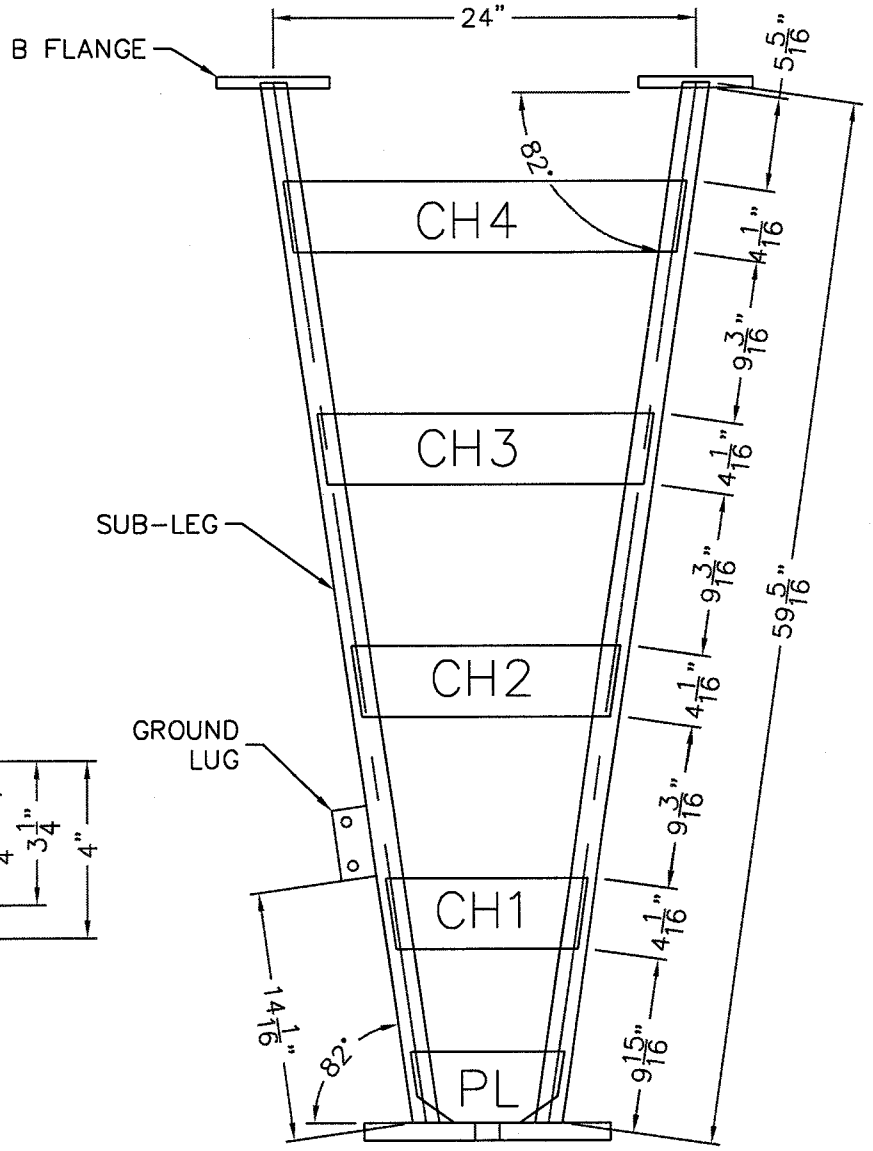
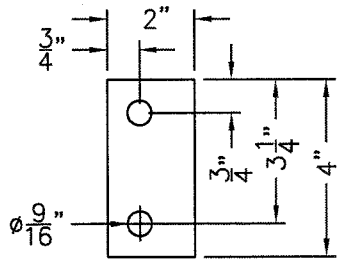
SCALE:	NTS
TOLERANCE BANDS	ALL DIMENSIONS ARE ±1/16" ALL ANGULAR DIM ARE ±1/2° UNLESS OTHERWISE NOTED
CUSTOMER:	WSKV
DESCRIPTION:	300' GUYED TOWER
LOCATION:	POWELL COUNTY, KY
SITE:	STANTON
APPROX. WEIGHT	REF. SHIPPING LIST
FILE NAME:	VA
DRAWN BY:	W.MILLER
DATE:	12/05/2008
REV:	X
REV. DATE:	X
JOB NO.	AF40888
SHEET	VA



SUB–LEG





VIEW "B"

PART	QTY.	GRADE	DESCRIPTION
SUB–LEG	3	A36	S.R. ø1 1/2" AX 59 1/2" CUT LGTH.
B	3	A36	PL. 6 1/2" O.D. X 5/8" THICK
GROUND LUG	1	A36	PL. 2" X 4" X 1/2"

NOTE:

1. USE WELD WIRE E70LH.

ALLSTATE TOWER INC.

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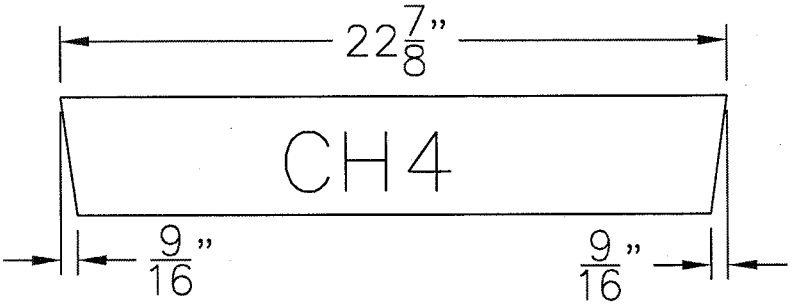
SCALE: NTS

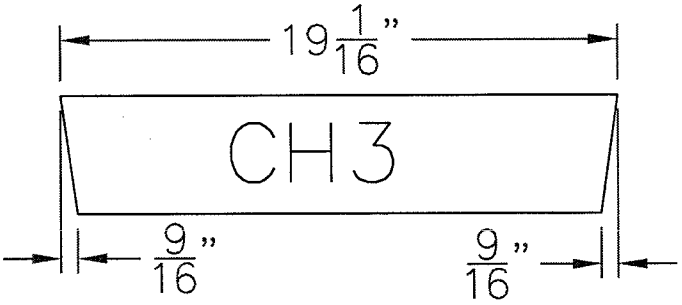
TOLERANCE BANDS
ALL DIMENSIONS ARE ±1/16"
ALL ANGULAR DIM ARE ±1/2° UNLESS OTHERWISE NOTED

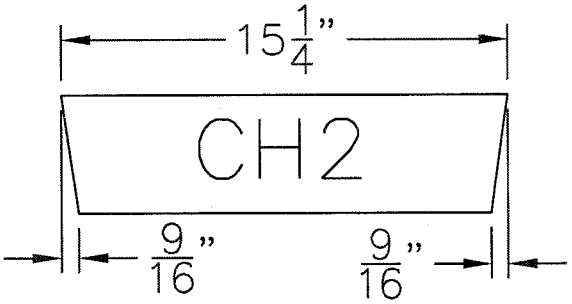
APPROX. WEIGHT: REF. SHIPPING LIST

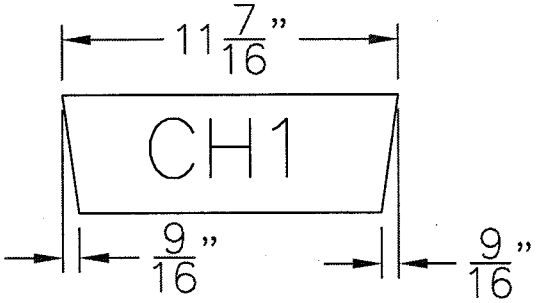
PROPRIETARY STATEMENT: THIS DRAWING IS THE PROPERTY OF ALLSTATE TOWER CO. IT IS NOT TO BE REPRODUCED OR COPIED IN ANYWAY WITHOUT PRIOR WRITTEN CONSENT OF ALLSTATE TOWER CO.

CUSTOMER:	WSKV
DESCRIPTION:	300' GUYED TOWER
LOCATION:	POWELL COUNTY, KY
SITE:	STANTON
FILE NAME:	VB
DRAWN BY:	W.MILLER
DATE:	12/05/2008
REV:	0
REV. DATE:	0
JOB NO.	AF40888
SHEET	VB









PART	QTY.	GRADE	DESCRIPTION
CH1	3	A36	4" X 5.4 X 11 7/16" CHANNEL
CH2	3	A36	4" X 5.4 X 15 1/4" CHANNEL
CH3	3	A36	4" X 5.4 X 19 1/16" CHANNEL
CH4	3	A36	4" X 5.4 X 22 7/8" CHANNEL

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FAX: (270) 830-8475

SCALE: NTS

TOLERANCE BANDS
ALL DIMENSIONS ARE ±1/16"
ALL ANGULAR DIM ARE ±1/2" UNLESS OTHERWISE NOTED

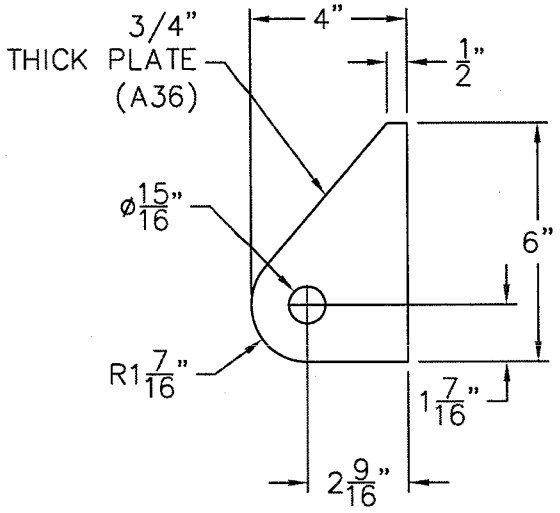
APPROX. WEIGHT: REF. SHIPPING LIST

FILE NAME: CH

PROPRIETARY STATEMENT: THIS DRAWING IS THE PROPERTY OF ALLSTATE TOWER CO. IT IS NOT TO BE REPRODUCED OR COPIED IN ANYWAY WITHOUT PRIOR WRITTEN CONSENT OF ALLSTATE TOWER CO.

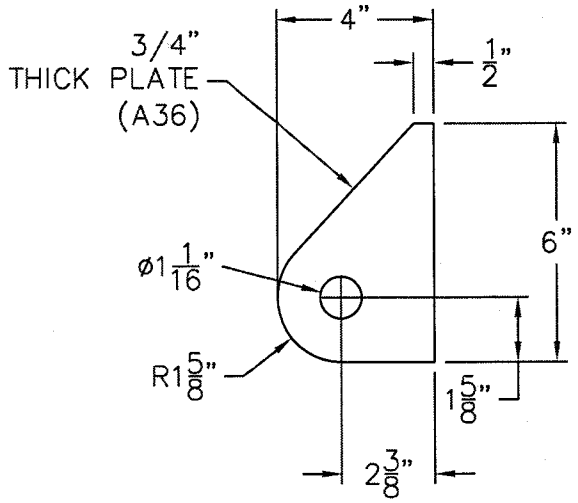
CUSTOMER: WSKV
DESCRIPTION: 300' GUYED TOWER
LOCATION: POWELL COUNTY, KY
SITE: STANTON

DRAWN BY: W.MILLER
DATE: 12/05/2008
REV: X
REV. DATE: X
JOB NO. AF40888
SHEET CH



GUY PULLOFF "A"

3 @ ELEV. 58'-0" - 5/16" EHS GUY WIRE
3 @ ELEV. 112'-0" - 5/16" EHS GUY WIRE
3 @ ELEV. 170'-0" - 3/8" EHS GUY WIRE
3 @ ELEV. 280'-0" - 7/16" EHS GUY WIRE
5/8" SHACKLE - 3/4" DIA. PIN
(12 REQ'D)



GUY PULLOFF "B"

3 @ ELEV. 230'-0" - 1/2" EHS GUY WIRE

3/4" SHACKLE - 7/8" DIA. PIN
(3 REQ'D)

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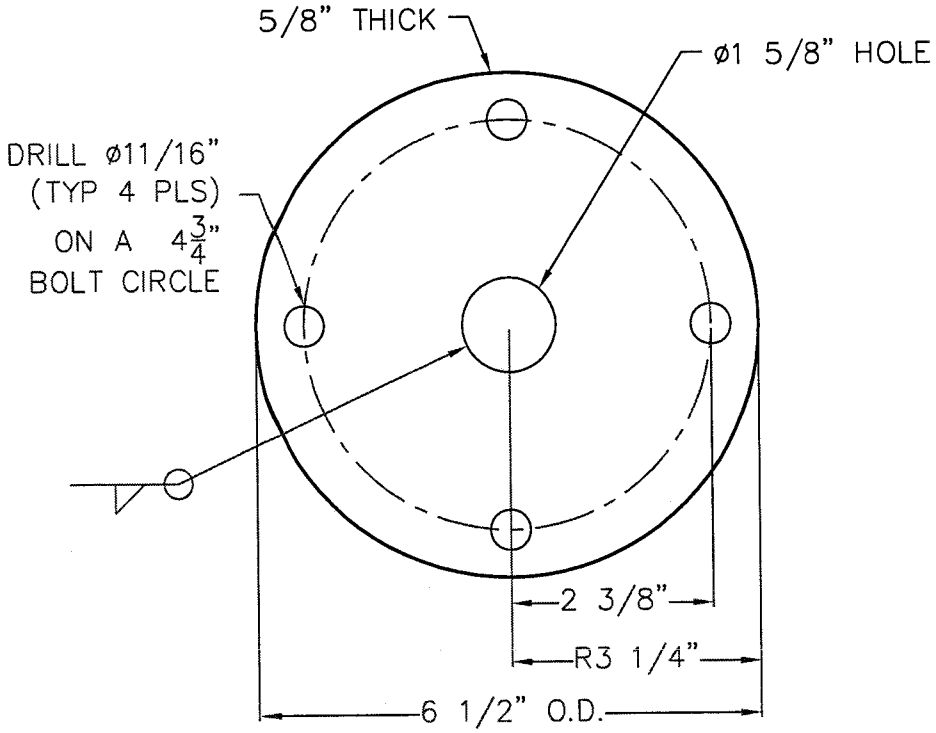
FAX: (270) 830-8475

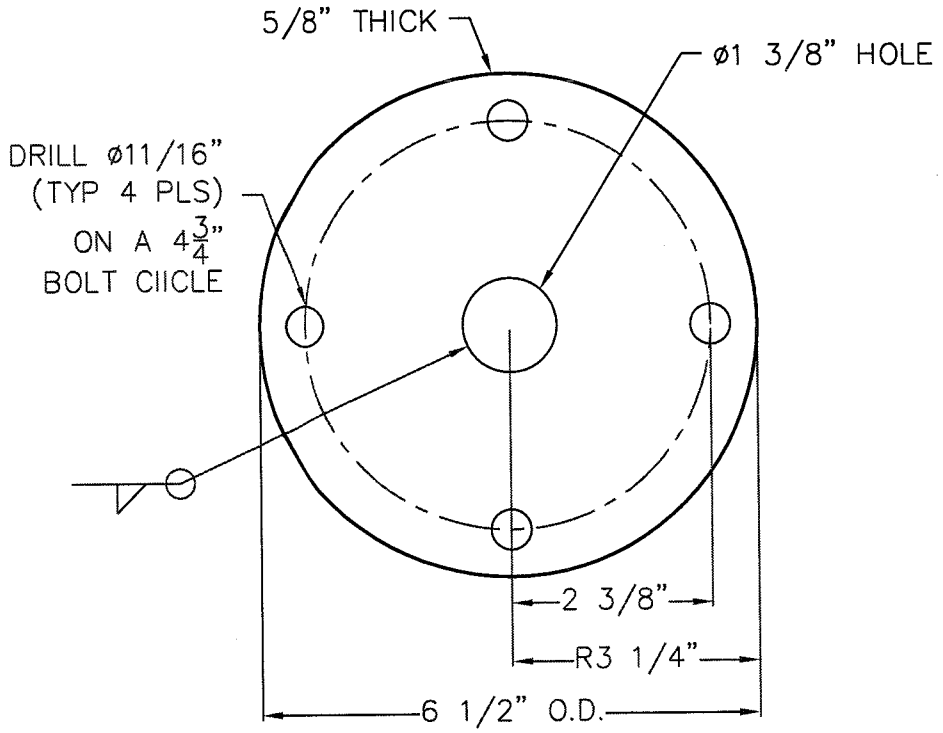
SCALE: NTS	
TOLERANCE BANDS: ALL DIMENSIONS ARE ±1/16" ALL ANGULAR DIM ARE ±1/2° UNLESS OTHERWISE NOTED	
APPROX. WEIGHT: REF. SHIPPING LIST	FILE NAME: GP

PROPRIETARY STATEMENT: THIS DRAWING IS THE PROPERTY OF ALLSTATE TOWER CO. IT IS NOT TO BE REPRODUCED OR COPIED IN ANYWAY WITHOUT PRIOR WRITTEN CONSENT OF ALLSTATE TOWER CO.

CUSTOMER:	WSKV
DESCRIPTION:	300' GUYED TOWER
LOCATION:	POWELL COUNTY, KY
SITE:	STANTON
DRAWN BY:	W.MILLER
DATE:	12/05/2008
REV:	REV. NO.
REV. DATE:	REV. DATE
JOB NO.	AF40888
SHEET	GP



SECTIONS 1–6 & 11–12 FLANGE PLATES
51 REQ'D



SECTIONS 7–10 & 13–15 FLANGE PLATES
39 REQ'D

NOTES:

1. USE WIRE E70LH FOR WELDING.

ALLSTATE TOWER INC.
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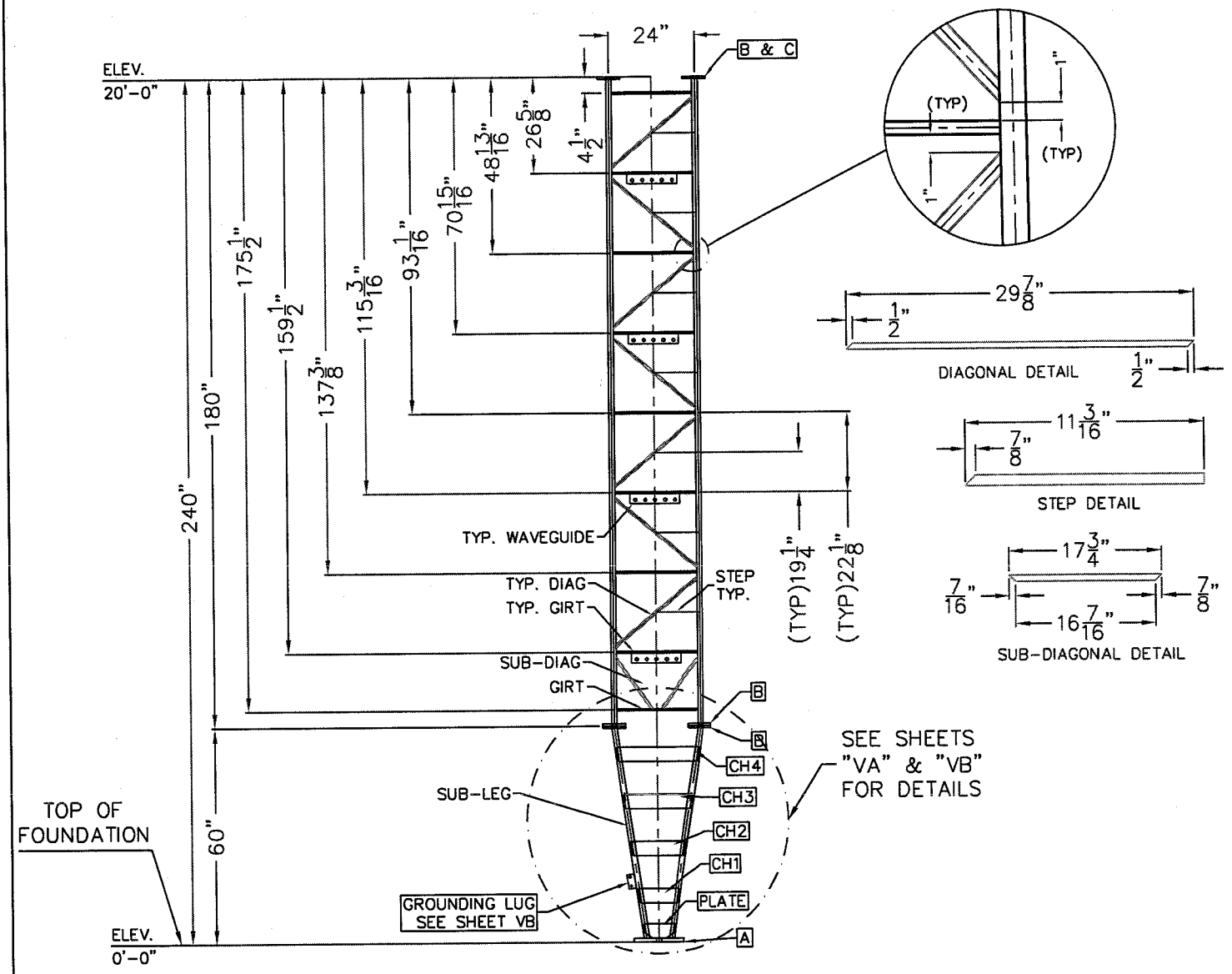
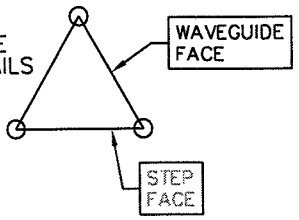
SCALE: NTS	PROPRIETARY STATEMENT: THIS DRAWING IS THE PROPERTY OF ALLSTATE TOWER CO. IT IS NOT TO BE REPRODUCED OR COPIED IN ANYWAY WITHOUT PRIOR WRITTEN CONSENT OF ALLSTATE TOWER CO.		
TOLERANCE BANDS ALL DIMENSIONS ARE ±1/16" ALL ANGULAR DIM ARE ±1/2° UNLESS OTHERWISE NOTED	CUSTOMER: WSKV	DRAWN BY: W.MILLER	
	DESCRIPTION: 300' GUYED TOWER	DATE: 12/05/2008	
	LOCATION: POWELL COUNTY, KY	REV: 1	
	SITE: STANTON	REV. DATE: 12/08/2008	
APPROX. WEIGHT REF. SHIPPING LIST	FILE NAME: FLANGES1	JOB NO. AF40888	SHEET FLG1



SECTION 1 ELEVATION – (8) BAYS

PART	QTY.	GRADE	DESCRIPTION
LEGS1	3	A572-50	S.R. ø1 1/2" X 179 3/8" CUT LGTH.
SUB-LEG	3	A572-50	S.R. ø1 1/2" X 59 1/2" CUT LGTH.
A	1	A36	PL. 12" O.D. X 1" THK.
PLATE	X	A36	SEE SHEET VA. FOR DETAILS
CH1-CH4	X	A36	SEE SHEET CH. FOR CHANNEL DETAILS
GIRTS	18	A36	1/2" DIA. S.R. X 22 1/2" LG.
DIAGONALS	21	A36	5/8" DIA. S.R. X 29 7/8" LGTH.
SUB-DAIG	6	A36	5/8" DIA. S.R. X 17 3/4" LGTH.
STEPS	7	A36	3/4" DIA. S.R. X 11 3/16" LGTH.
WAVEGUIDE	4	A36	PL. 3" X 14" X 1/8" THICK (ONE FACE ONLY)
B	9	A36	PL. 6 1/2" O.D. X 5/8" THK.
C	12	A325	5/8" DIA. X 2 1/2" LG. (BOLT ASSEMBLY)

SEE WAVEGUIDE DWG FOR DETAILS



NOTE:

1. ALL BOLT ASSEMBLIES SHALL CONTAIN ONE LOCK WASHER, ONE FLAT WASHER AND ONE NUT.
2. ALL CONNECTION BOLTS SHALL BE TIGHTENED TO THE SNUG TIGHT CONDITION PER AISC.
3. USE WELD WIRE E70LH.

ALLSTATE TOWER INC.
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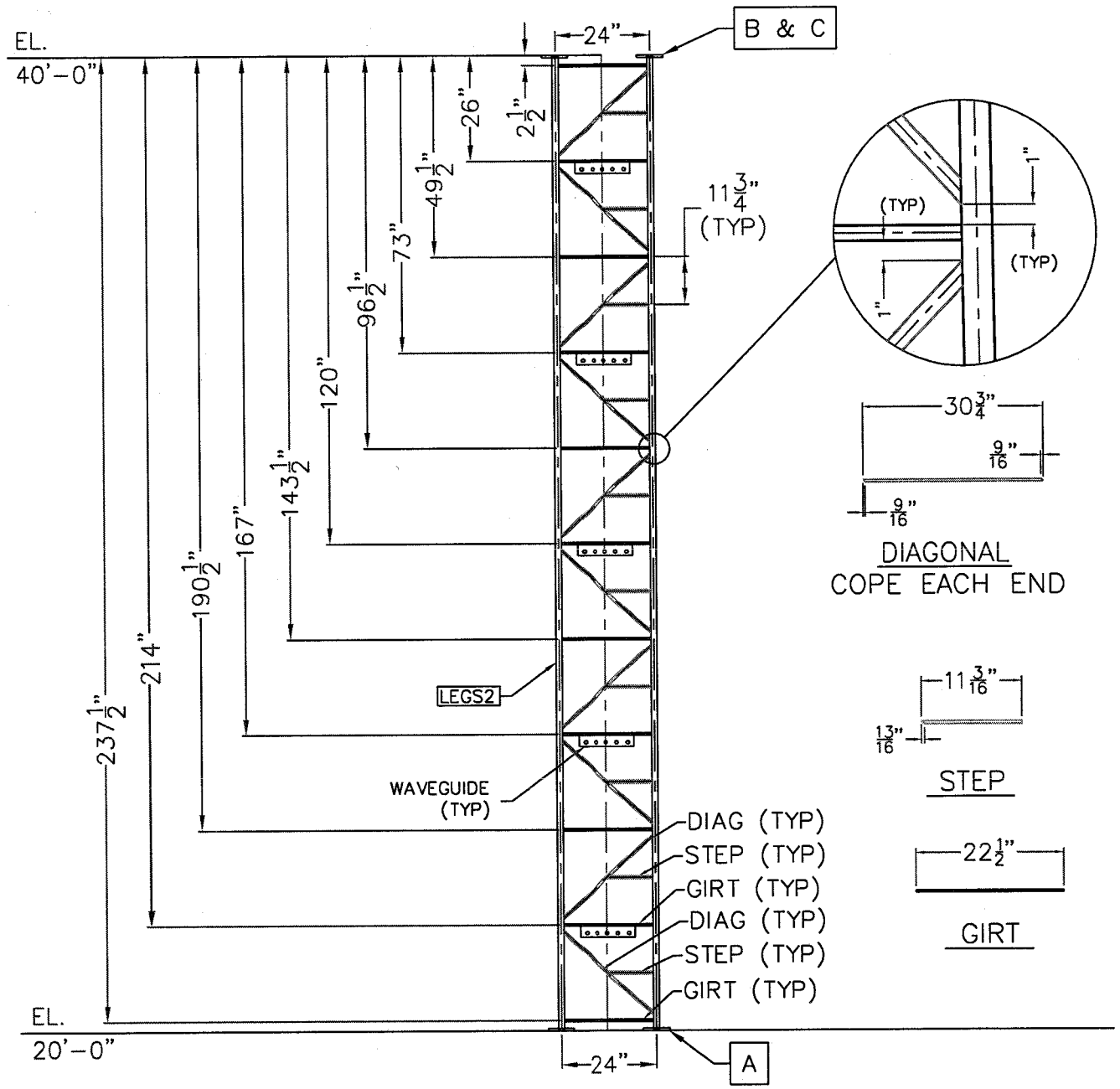
SCALE:	NTS
TOLERANCE BANDS ALL DIMENSIONS ARE ±1/16" ALL ANGULAR DIM ARE ±1/2° UNLESS OTHERWISE NOTED	
APPROX. WEIGHT	REF. SHIPPING LIST
CUSTOMER:	WSKV
DESCRIPTION:	300' GUYED TOWER
LOCATION:	POWELL COUNTY, KY
SITE:	STANTON
FILE NAME:	S1
DRAWN BY:	W.MILLER
DATE:	12/05/2008
REV:	X
REV. DATE:	X
JOB NO.	AF40888
SHEET	S1



SECTION 2 ELEVATION – (10) BAYS

PART	QTY.	GRADE	DESCRIPTION
LEGS2	3	A572-50	S.R. ø1 1/2" x 239 3/8" CUT LGTH.
A	3	A36	PL. 6 1/2" O.D. X 5/8" THK.
GIRT	33	A36	S.R. ø1/2" x 22 1/2" CUT LGTH.
DIAG	30	A36	S.R. ø5/8" x 30 3/4" CUT LGTH.
STEP	10	A36	S.R. ø3/4" x 11 3/16" CUT LGTH.
WG	5	A36	PL. 3" x 14" x 1/8" THICK
B	3	A36	PL.6 1/2" O.D. X 5/8" THK.
C	12	A325	5/8" DIA. X 2 1/2" LG. (BOLT ASSEMBLY)

NOTE:

1. ALL BOLT ASSEMBLIES SHALL CONTAIN ONE LOCK WASHER, ONE FLAT WASHER AND ONE NUT.
2. ALL CONNECTION BOLTS SHALL BE TIGHETENED TO THE SNUG TIGHT CONDITION PER AISC.
3. USE WELD WIRE E70LH.

ALLSTATE TOWER INC.
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HENDERSON, KY 42419
PHONE: (270) 830-8512
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SCALE: NTS

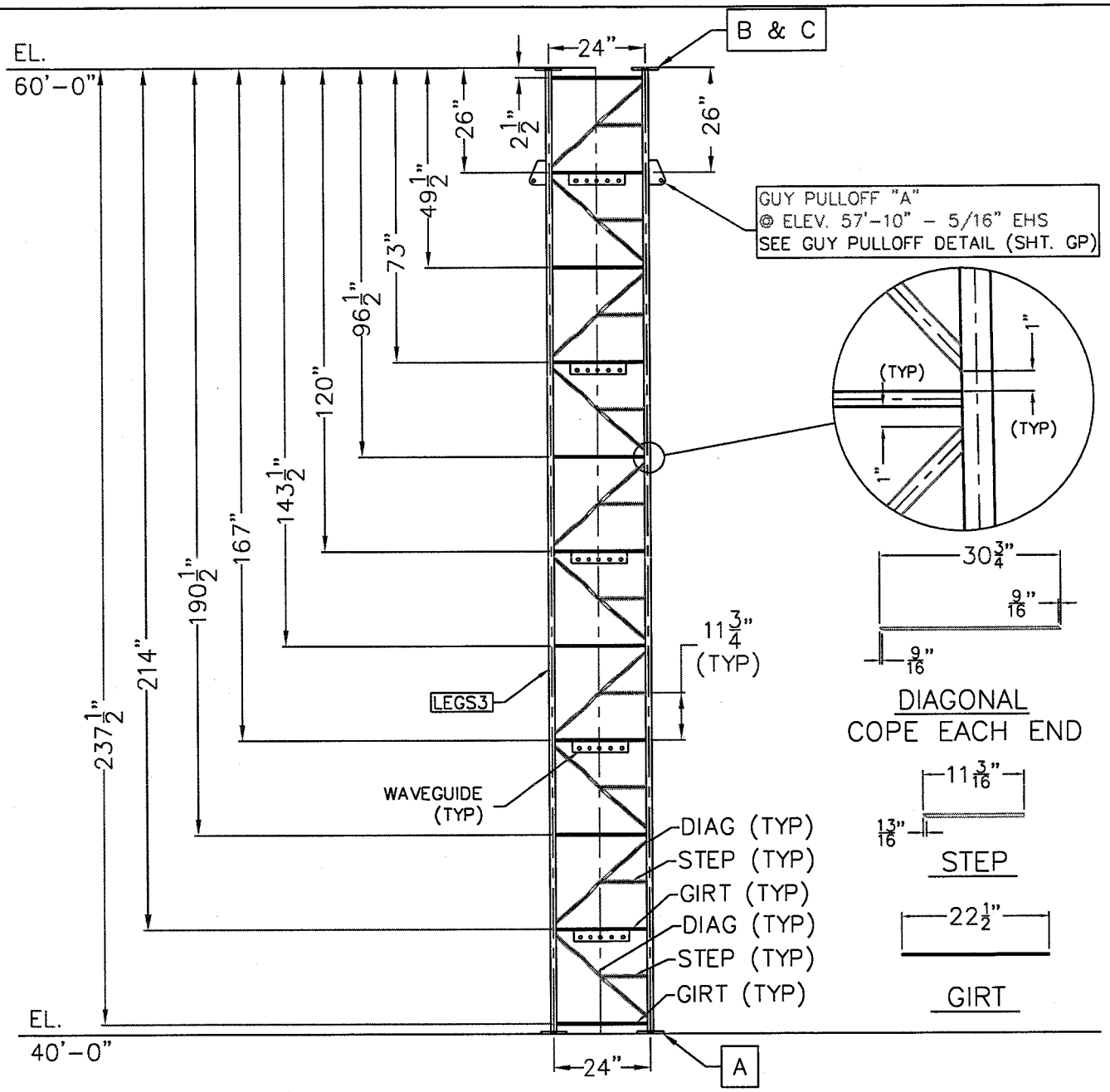
TOLERANCE BANDS
ALL DIMENSIONS ARE ±1/16"
ALL ANGULAR DIM ARE ±1/2° UNLESS OTHERWISE NOTED

APPROX. WEIGHT: REF. SHIPPING LIST

PROPRIETARY STATEMENT: THIS DRAWING IS THE PROPERTY OF ALLSTATE TOWER CO. IT IS NOT TO BE REPRODUCED OR COPIED IN ANYWAY WITHOUT PRIOR WRITTEN CONSENT OF ALLSTATE TOWER CO.

CUSTOMER: WSKV
DESCRIPTION: 300' GUYED TOWER
LOCATION: POWELL COUNTY, KY
SITE: STANTON
FILE NAME: S2

DRAWN BY: W.MILLER
DATE: 12/04/2008
REV: X
REV. DATE: X
JOB NO. AF40888
SHEET s2



SECTION 3 ELEVATION - (10) BAYS

PART	QTY.	GRADE	DESCRIPTION
LEGS3	3	A572-50	S.R. ø1 1/2" x 239 3/8" CUT LGTH.
A	3	A36	PL. 6 1/2" O.D. X 5/8" THK.
GIRT	33	A36	S.R. ø1/2" x 22 1/2" CUT LGTH.
DIAG	30	A36	S.R. ø5/8" x 30 3/4" CUT LGTH.
STEP	10	A36	S.R. ø3/4" x 11 3/16" CUT LGTH.
WG	5	A36	PL. 3" x 14" x 1/8" THICK
B	3	A36	PL.6 1/2" O.D. X 5/8" THK.
C	12	A325	5/8" DIA. X 2 1/2" LG. (BOLT ASSEMBLY)

NOTE:

1. ALL BOLT ASSEMBLIES SHALL CONTAIN ONE LOCK WASHER, ONE FLAT WASHER AND ONE NUT.
2. ALL CONNECTION BOLTS SHALL BE TIGHETENED TO THE SNUG TIGHT CONDITION PER AISC.
3. USE WELD WIRE E70LH.

ALLSTATE TOWER ING.
P.O. BOX 25
HENDERSON, KY 42419
PHONE: (270) 830-8512
FAX: (270) 830-8475

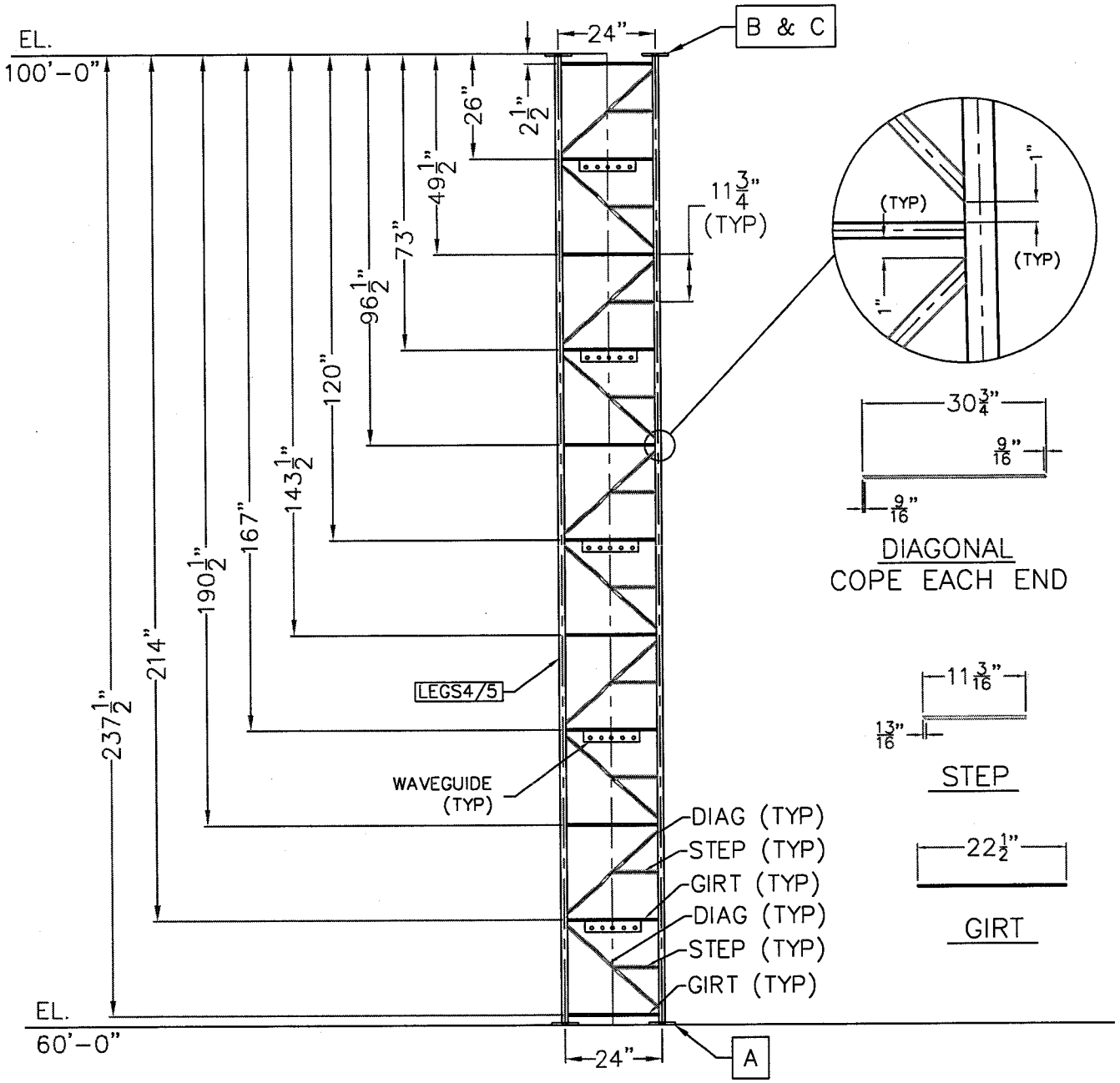
SCALE: NTS

TOLERANCE BANDS
ALL DIMENSIONS ARE ±1/16"
ALL ANGULAR DIM ARE ±1/2° UNLESS OTHERWISE NOTED

APPROX. WEIGHT
REF. SHIPPING LIST

PROPRIETARY STATEMENT: THIS DRAWING IS THE PROPERTY OF ALLSTATE TOWER CO. IT IS NOT TO BE REPRODUCED OR COPIED IN ANYWAY WITHOUT PRIOR WRITTEN CONSENT OF ALLSTATE TOWER CO.

CUSTOMER:	WSKV
DESCRIPTION:	300' GUYED TOWER
LOCATION:	POWELL COUNTY, KY
SITE:	STANTON
FILE NAME:	S3
DRAWN BY:	W.MILLER
DATE:	12/04/2008
REV:	X
REV. DATE:	X
JOB NO.	AF40888
SHEET	S3



SECTION 4 & 5 ELEVATION – (10) BAYS

PART	QTY.	GRADE	DESCRIPTION
LEGS4/5	3	A572-50	S.R. ø1 1/2" x 239 3/8" CUT LGTH.
A	3	A36	PL. 6 1/2" O.D. X 5/8" THK.
GIRT	33	A36	S.R. ø1/2" x 22 1/2" CUT LGTH.
DIAG	30	A36	S.R. ø5/8" x 30 3/4" CUT LGTH.
STEP	10	A36	S.R. ø3/4" x 11 3/16" CUT LGTH.
WG	5	A36	PL. 3" x 14" x 1/8" THICK
B	3	A36	PL.6 1/2" O.D. X 5/8" THK.
C	12	A325	5/8" DIA. X 2 1/2" LG. (BOLT ASSEMBLY)

NOTE:

1. ALL BOLT ASSEMBLIES SHALL CONTAIN ONE LOCK WASHER, ONE FLAT WASHER AND ONE NUT.
2. ALL CONNECTION BOLTS SHALL BE TIGHETENED TO THE SNUG TIGHT CONDITION PER AISC.
3. USE WELD WIRE E70LH.

ALLSTATE TOWER INC.
P.O. BOX 25
HENDERSON, KY 42419
PHONE: (270) 830-8512
FAX: (270) 830-8475

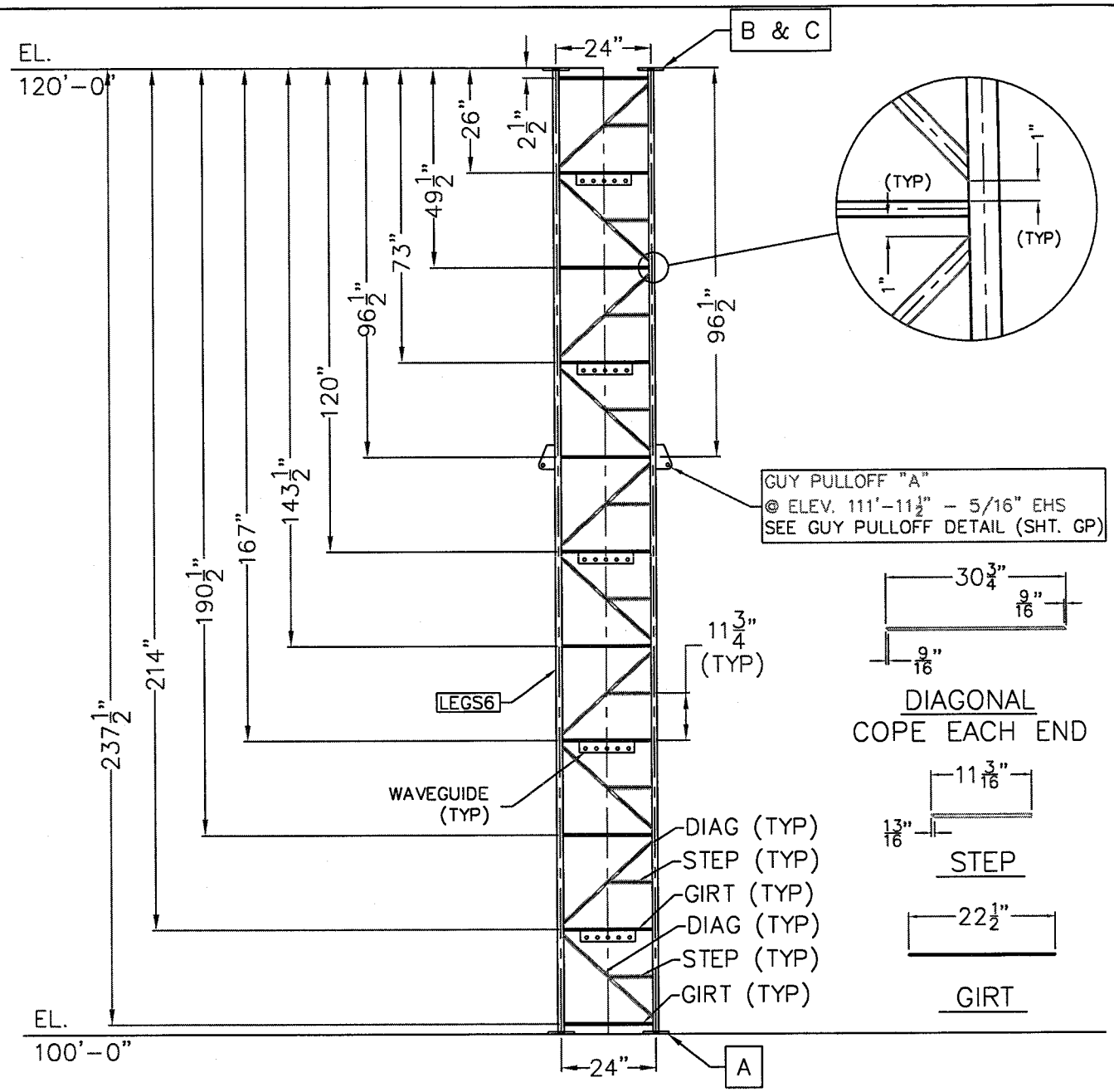
SCALE: NTS

TOLERANCE BANDS: ALL DIMENSIONS ARE ±1/16" ALL ANGULAR DIM ARE ±1/2" UNLESS OTHERWISE NOTED

APPROX. WEIGHT: REF. SHIPPING LIST

PROPRIETARY STATEMENT: THIS DRAWING IS THE PROPERTY OF ALLSTATE TOWER CO. IT IS NOT TO BE REPRODUCED OR COPIED IN ANYWAY WITHOUT PRIOR WRITTEN CONSENT OF ALLSTATE TOWER CO.

CUSTOMER:	WSKV
DESCRIPTION:	300' GUYED TOWER
LOCATION:	POWELL COUNTY, KY
SITE:	STANTON
FILE NAME:	S4 & S5
DRAWN BY:	W.MILLER
DATE:	12/04/2008
REV:	X
REV. DATE:	X
JOB NO.	AF40888
SHEET	S4/5



SECTION 6 ELEVATION - (10) BAYS

PART	QTY.	GRADE	DESCRIPTION
LEGS6	3	A572-50	S.R. ø1 1/2" x 239 3/8" CUT LGTH.
A	3	A36	PL. 6 1/2" O.D. X 5/8" THK.
GIRT	33	A36	S.R. ø1/2" x 22 1/2" CUT LGTH.
DIAG	30	A36	S.R. ø5/8" x 30 3/4" CUT LGTH.
STEP	10	A36	S.R. ø3/4" x 11 3/16" CUT LGTH.
WG	5	A36	PL. 3" x 14" x 1/8" THICK
B	3	A36	PL.6 1/2" O.D. X 5/8" THK.
C	12	A325	5/8" DIA. X 2 1/2" LG. (BOLT ASSEMBLY)

NOTE:

1. ALL BOLT ASSEMBLIES SHALL CONTAIN ONE LOCK WASHER, ONE FLAT WASHER AND ONE NUT.
2. ALL CONNECTION BOLTS SHALL BE TIGHETENED TO THE SNUG TIGHT CONDITION PER AISC.
3. USE WELD WIRE E70LH.

ALLSTATE TOWER INC.
P.O. BOX 25
HENDERSON, KY 42419
PHONE: (270) 830-8512
FAX: (270) 830-8475

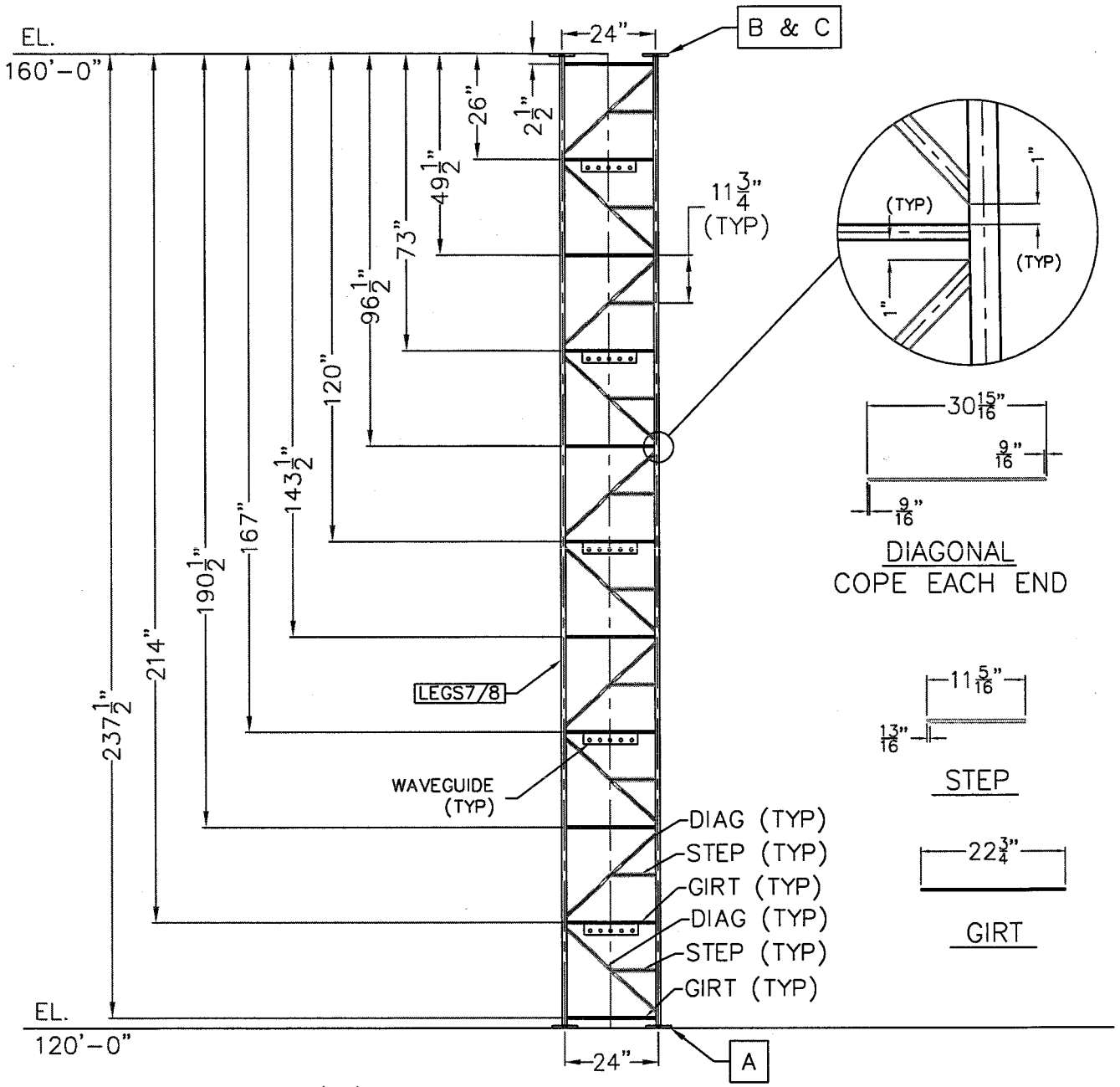
SCALE: NTS

TOLERANCE BANDS
ALL DIMENSIONS ARE ±1/16"
ALL ANGULAR DIM ARE ±1/2' UNLESS OTHERWISE NOTED

APPROX. WEIGHT
REF. SHIPPING LIST

PROPRIETARY STATEMENT: THIS DRAWING IS THE PROPERTY OF ALLSTATE TOWER CO. IT IS NOT TO BE REPRODUCED OR COPIED IN ANYWAY WITHOUT PRIOR WRITTEN CONSENT OF ALLSTATE TOWER CO.

CUSTOMER:	WSKV
DESCRIPTION:	300' GUYED TOWER
LOCATION:	POWELL COUNTY, KY
SITE:	STANTON
FILE NAME:	S6
DRAWN BY:	W.MILLER
DATE:	12/04/2008
REV:	X
REV. DATE:	X
JOB NO.	AF40888
SHEET	S6



SECTION 7 & 8 ELEVATION - (10) BAYS

PART	QTY.	GRADE	DESCRIPTION
LEGS7/8	3	A572-50	S.R. ø1 1/4" x 239 3/8" CUT LGTH.
A	3	A36	PL. 6 1/2" O.D. X 5/8" THK.
GIRT	33	A36	S.R. ø1/2" x 22 3/4" CUT LGTH.
DIAG	30	A36	S.R. ø5/8" x 30 15/16" CUT LGTH.
STEP	10	A36	S.R. ø3/4" x 11 5/16" CUT LGTH.
WG	5	A36	PL. 3" x 14" x 1/8" THICK
B	3	A36	PL.6 1/2" O.D. X 5/8" THK.
C	12	A325	5/8" DIA. X 2 1/2" LG. (BOLT ASSEMBLY)

NOTE:

1. ALL BOLT ASSEMBLIES SHALL CONTAIN ONE LOCK WASHER, ONE FLAT WASHER AND ONE NUT.
2. ALL CONNECTION BOLTS SHALL BE TIGHETENED TO THE SNUG TIGHT CONDITION PER AISC.
3. USE WELD WIRE E70LH.

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HENDERSON, KY 42419
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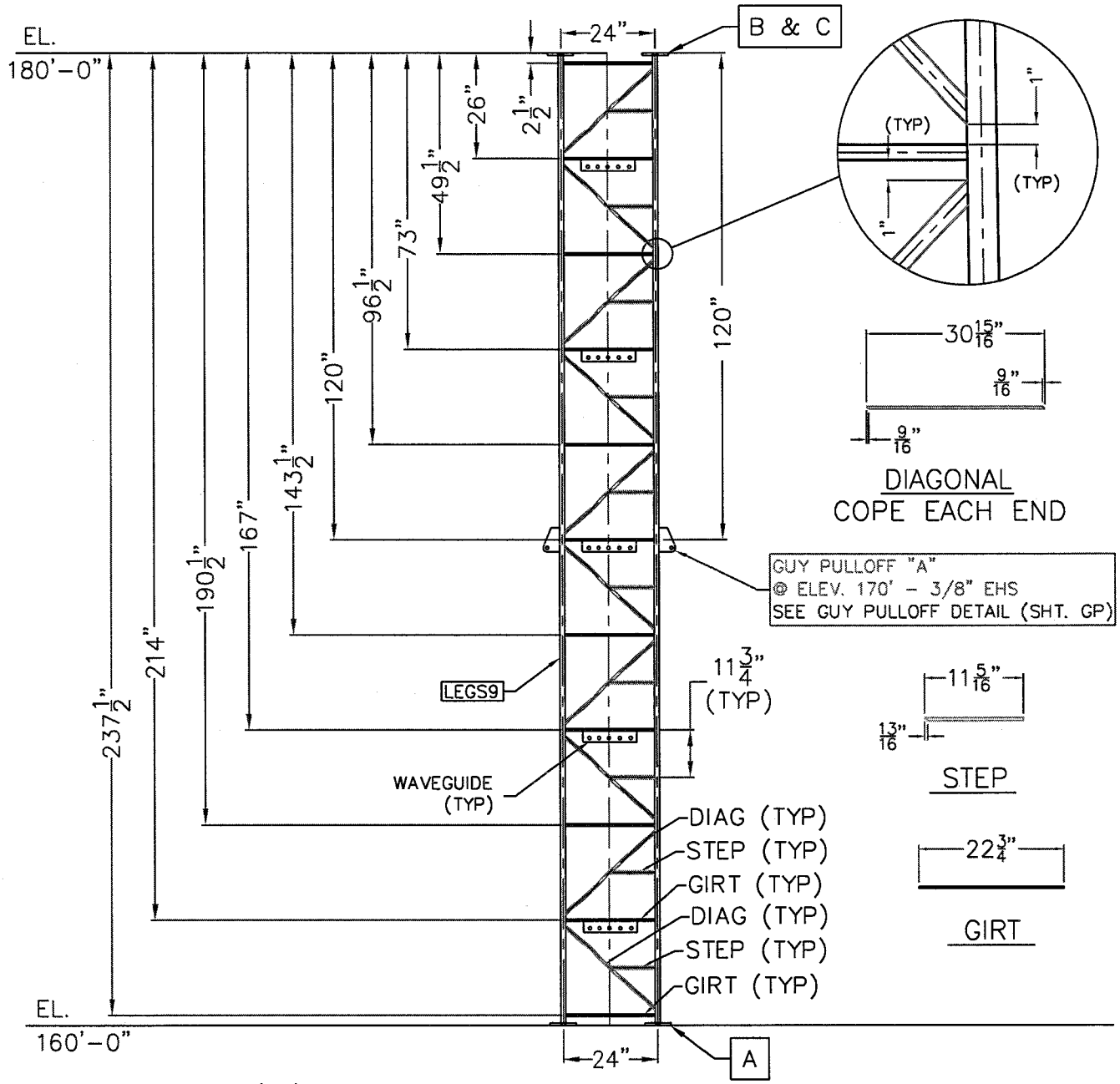
SCALE: NTS

TOLERANCE BANDS
ALL DIMENSIONS ARE ±1/16"
ALL ANGULAR DIM ARE ±1/2' UNLESS OTHERWISE NOTED

APPROX. WEIGHT
REF. SHIPPING LIST

PROPRIETARY STATEMENT: THIS DRAWING IS THE PROPERTY OF ALLSTATE TOWER CO. IT IS NOT TO BE REPRODUCED OR COPIED IN ANYWAY WITHOUT PRIOR WRITTEN CONSENT OF ALLSTATE TOWER CO.

CUSTOMER:	WSKV
DESCRIPTION:	300' GUYED TOWER
LOCATION:	POWELL COUNTY, KY
SITE:	STANTON
FILE NAME:	S7 & S8
DRAWN BY:	W.MILLER
DATE:	12/04/2008
REV:	X
REV. DATE:	X
JOB NO.	AF40888
SHEET	S7/8



SECTION 9 ELEVATION - (10) BAYS

PART	QTY.	GRADE	DESCRIPTION
LEGS9	3	A572-50	S.R. ø1 1/4" x 239 3/8" CUT LGTH.
A	3	A36	PL. 6 1/2" O.D. X 5/8" THK.
GIRT	33	A36	S.R. ø1/2" x 22 3/4" CUT LGTH.
DIAG	30	A36	S.R. ø5/8" x 30 15/16" CUT LGTH.
STEP	10	A36	S.R. ø3/4" x 11 5/16" CUT LGTH.
WG	5	A36	PL. 3" x 14" x 1/8" THICK
B	3	A36	PL.6 1/2" O.D. X 5/8" THK.
C	12	A325	5/8" DIA. X 2 1/2" LG. (BOLT ASSEMBLY)

NOTE:

1. ALL BOLT ASSEMBLIES SHALL CONTAIN ONE LOCK WASHER, ONE FLAT WASHER AND ONE NUT.
2. ALL CONNECTION BOLTS SHALL BE TIGHETENED TO THE SNUG TIGHT CONDITION PER AISC.
3. USE WELD WIRE E70LH.

ALLSTATE TOWER INC.
P.O. BOX 25
HENDERSON, KY 42419
PHONE: (270) 830-8512
FAX: (270) 830-8475

SCALE: NTS

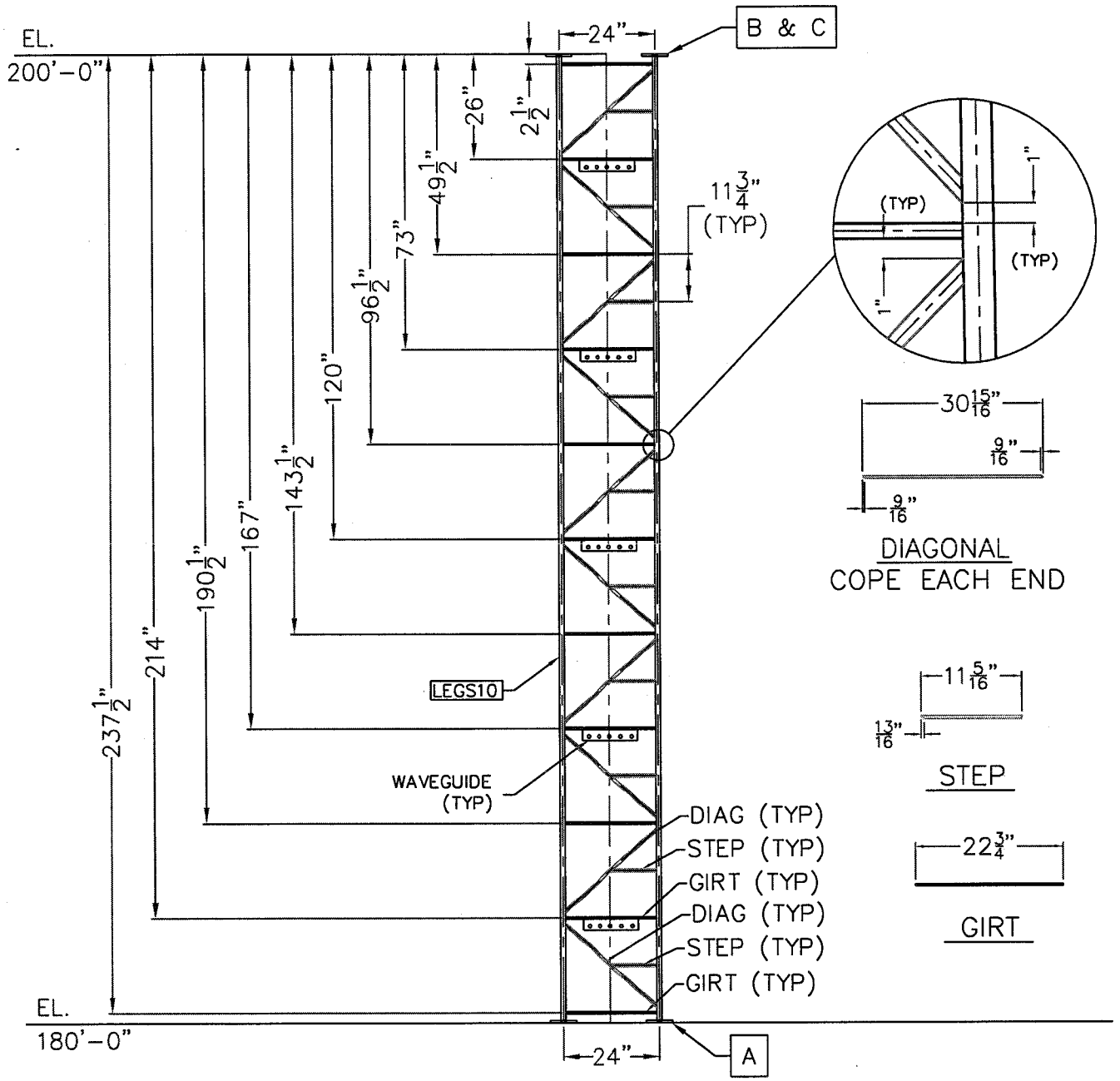
TOLERANCE BANDS
ALL DIMENSIONS ARE ±1/16"
ALL ANGULAR DIM ARE ±1/2° UNLESS OTHERWISE NOTED

APPROX. WEIGHT: REF. SHIPPING LIST

FILE NAME: S9

PROPRIETARY STATEMENT: THIS DRAWING IS THE PROPERTY OF ALLSTATE TOWER CO. IT IS NOT TO BE REPRODUCED OR COPIED IN ANYWAY WITHOUT PRIOR WRITTEN CONSENT OF ALLSTATE TOWER CO.

CUSTOMER:	WSKV
DESCRIPTION:	300' GUYED TOWER
LOCATION:	POWELL COUNTY, KY
SITE:	STANTON
DRAWN BY:	W.MILLER
DATE:	12/04/2008
REV:	X
REV. DATE:	X
JOB NO.	AF40888
SHEET	S9



SECTION 10 ELEVATION – (10) BAYS

PART	QTY.	GRADE	DESCRIPTION
LEGS10	3	A572-50	S.R. ø1 1/4" x 239 3/8" CUT LGTH.
A	3	A36	PL. 6 1/2" O.D. X 5/8" THK.
GIRT	33	A36	S.R. ø1/2" x 22 3/4" CUT LGTH.
DIAG	30	A36	S.R. ø5/8" x 30 15/16" CUT LGTH.
STEP	10	A36	S.R. ø3/4" x 11 5/16" CUT LGTH.
WG	5	A36	PL. 3" x 14" x 1/8" THICK
B	3	A36	PL.6 1/2" O.D. X 5/8" THK.
C	12	A325	5/8" DIA. X 2 1/2" LG. (BOLT ASSEMBLY)

NOTE:

1. ALL BOLT ASSEMBLIES SHALL CONTAIN ONE LOCK WASHER, ONE FLAT WASHER AND ONE NUT.
2. ALL CONNECTION BOLTS SHALL BE TIGHETENED TO THE SNUG TIGHT CONDITION PER AISC.
3. USE WELD WIRE E70LH.

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HENDERSON, KY 42419
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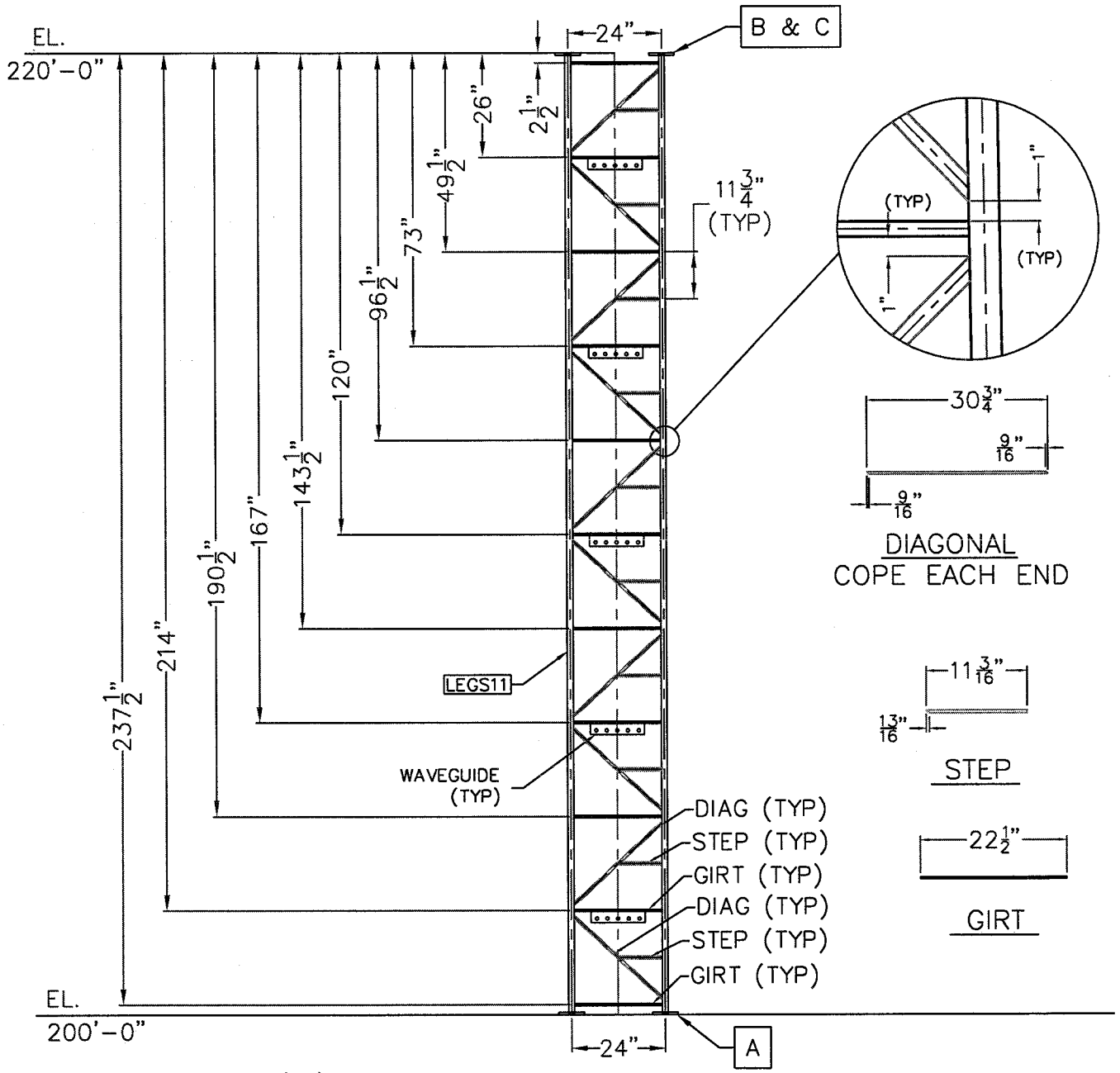
FAX: (270) 830-8475

PROPRIETARY STATEMENT: THIS DRAWING IS THE PROPERTY OF ALLSTATE TOWER CO. IT IS NOT TO BE REPRODUCED OR COPIED IN ANYWAY WITHOUT PRIOR WRITTEN CONSENT OF ALLSTATE TOWER CO.

SCALE:	NTS
TOLERANCE BANDS	ALL DIMENSIONS ARE ±1/16" ALL ANGULAR DIM ARE ±1/2° UNLESS OTHERWISE NOTED
CUSTOMER:	WSKV
DESCRIPTION:	300' GUYED TOWER
LOCATION:	POWELL COUNTY, KY
SITE:	STANTON
APPROX. WEIGHT	REF. SHIPPING LIST
FILE NAME:	S10
DRAWN BY:	W.MILLER
DATE:	12/04/2008
REV:	X
REV. DATE:	X
JOB NO.	AF40888
SHEET	S10



SECTION 11 ELEVATION - (10) BAYS

PART	QTY.	GRADE	DESCRIPTION
LEGS11	3	A572-50	S.R. ø1 1/2" x 239 3/8" CUT LGTH.
A	3	A36	PL. 6 1/2" O.D. X 5/8" THK.
GIRT	33	A36	S.R. ø1/2" x 22 1/2" CUT LGTH.
DIAG	30	A36	S.R. ø5/8" x 30 3/4" CUT LGTH.
STEP	10	A36	S.R. ø3/4" x 11 3/16" CUT LGTH.
WG	5	A36	PL. 3" x 14" x 1/8" THICK
B	3	A36	PL.6 1/2" O.D. X 5/8" THK.
C	12	A325	5/8" DIA. X 2 1/2" LG. (BOLT ASSEMBLY)

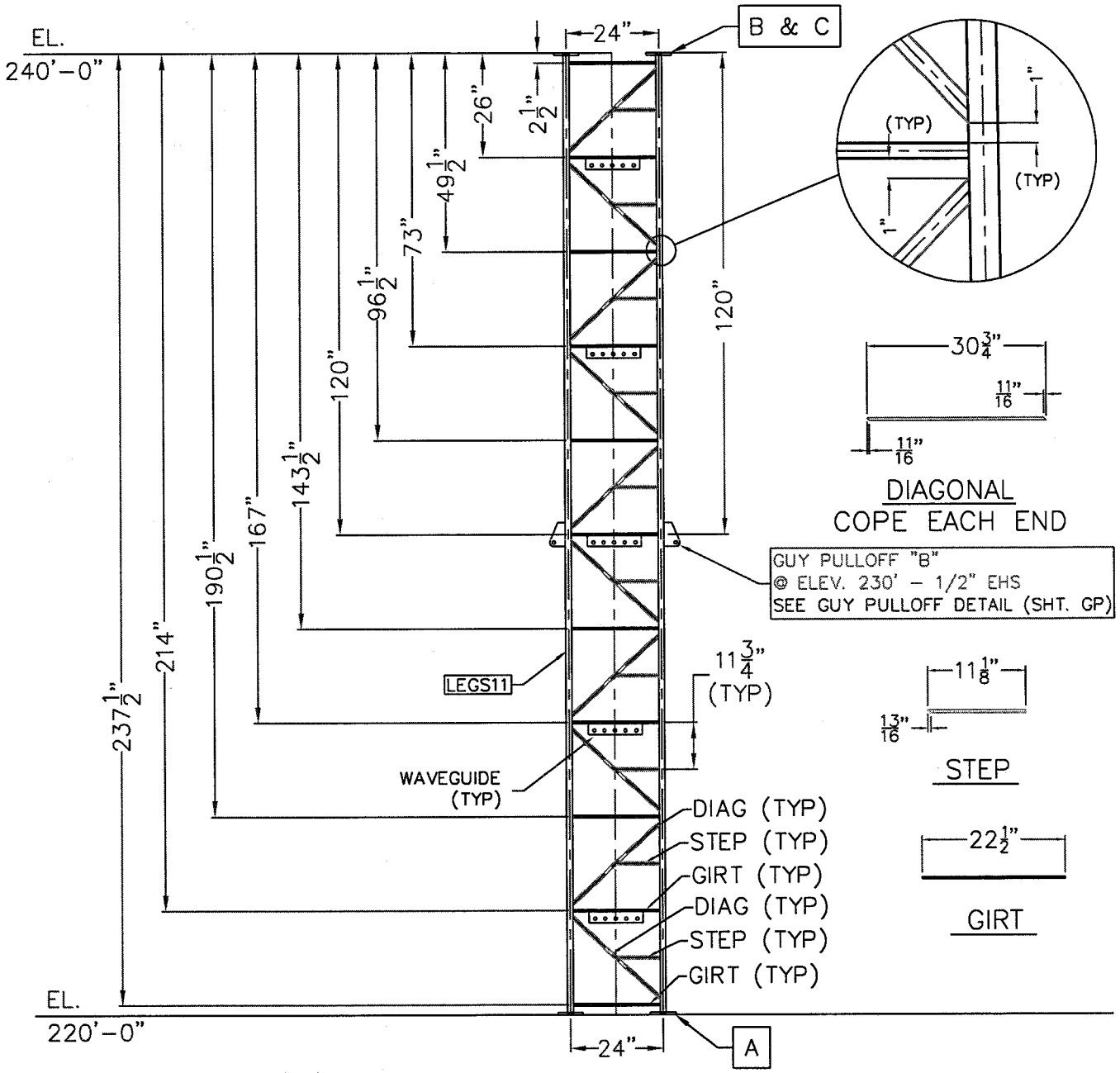
NOTE:

1. ALL BOLT ASSEMBLIES SHALL CONTAIN ONE LOCK WASHER, ONE FLAT WASHER AND ONE NUT.
2. ALL CONNECTION BOLTS SHALL BE TIGHETENED TO THE SNUG TIGHT CONDITION PER AISC.
3. USE WELD WIRE E70LH.

ALLSTATE TOWER INC.
P.O. BOX 25
HENDERSON, KY 42419
PHONE: (270) 830-8512
FAX: (270) 830-8475

PROPRIETARY STATEMENT: THIS DRAWING IS THE PROPERTY OF ALLSTATE TOWER CO. IT IS NOT TO BE REPRODUCED OR COPIED IN ANYWAY WITHOUT PRIOR WRITTEN CONSENT OF ALLSTATE TOWER CO.

SCALE:	NTS
TOLERANCE BANDS	ALL DIMENSIONS ARE ±1/16" ALL ANGULAR DIM ARE ±1/2° UNLESS OTHERWISE NOTED
APPROX. WEIGHT	REF. SHIPPING LIST
CUSTOMER:	WSKV
DESCRIPTION:	300' GUYED TOWER
LOCATION:	POWELL COUNTY, KY
SITE:	STANTON
FILE NAME:	S11
DRAWN BY:	W.MILLER
DATE:	12/04/2008
REV:	X
REV. DATE:	X
JOB NO.	AF40888
SHEET	S11



SECTION 12 ELEVATION - (10) BAYS

PART	QTY.	GRADE	DESCRIPTION
LEGS12	3	A572-50	S.R. ø1 1/2" x 239 3/8" CUT LGTH.
A	3	A36	PL. 6 1/2" O.D. X 5/8" THK.
GIRT	33	A36	S.R. ø1/2" x 22 1/2" CUT LGTH.
DIAG	30	A36	S.R. ø3/4" x 30 3/4" CUT LGTH.
STEP	10	A36	S.R. ø3/4" x 11 1/8" CUT LGTH.
WG	5	A36	PL. 3" x 14" x 1/8" THICK
B	3	A36	PL.6 1/2" O.D. X 5/8" THK.
C	12	A325	5/8" DIA. X 2 1/2" LG. (BOLT ASSEMBLY)

NOTE:

1. ALL BOLT ASSEMBLIES SHALL CONTAIN ONE LOCK WASHER, ONE FLAT WASHER AND ONE NUT.
2. ALL CONNECTION BOLTS SHALL BE TIGHETENED TO THE SNUG TIGHT CONDITION PER AISC.
3. USE WELD WIRE E70LH.

ALLSTATE TOWER INC.
P.O. BOX 25
HENDERSON, KY 42419
PHONE: (270) 830-8512
FAX: (270) 830-8475

SCALE: NTS

TOLERANCE BANDS ALL DIMENSIONS ARE ±1/16" ALL ANGULAR DIM ARE ±1/2" UNLESS OTHERWISE NOTED

APPROX. WEIGHT REF. SHIPPING LIST

FILE NAME: S12

PROPRIETARY STATEMENT: THIS DRAWING IS THE PROPERTY OF ALLSTATE TOWER CO. IT IS NOT TO BE REPRODUCED OR COPIED IN ANYWAY WITHOUT PRIOR WRITTEN CONSENT OF ALLSTATE TOWER CO.

CUSTOMER: WSKV

DESCRIPTION: 300' GUYED TOWER

LOCATION: POWELL COUNTY, KY

SITE: STANTON

DRAWN BY: W.MILLER

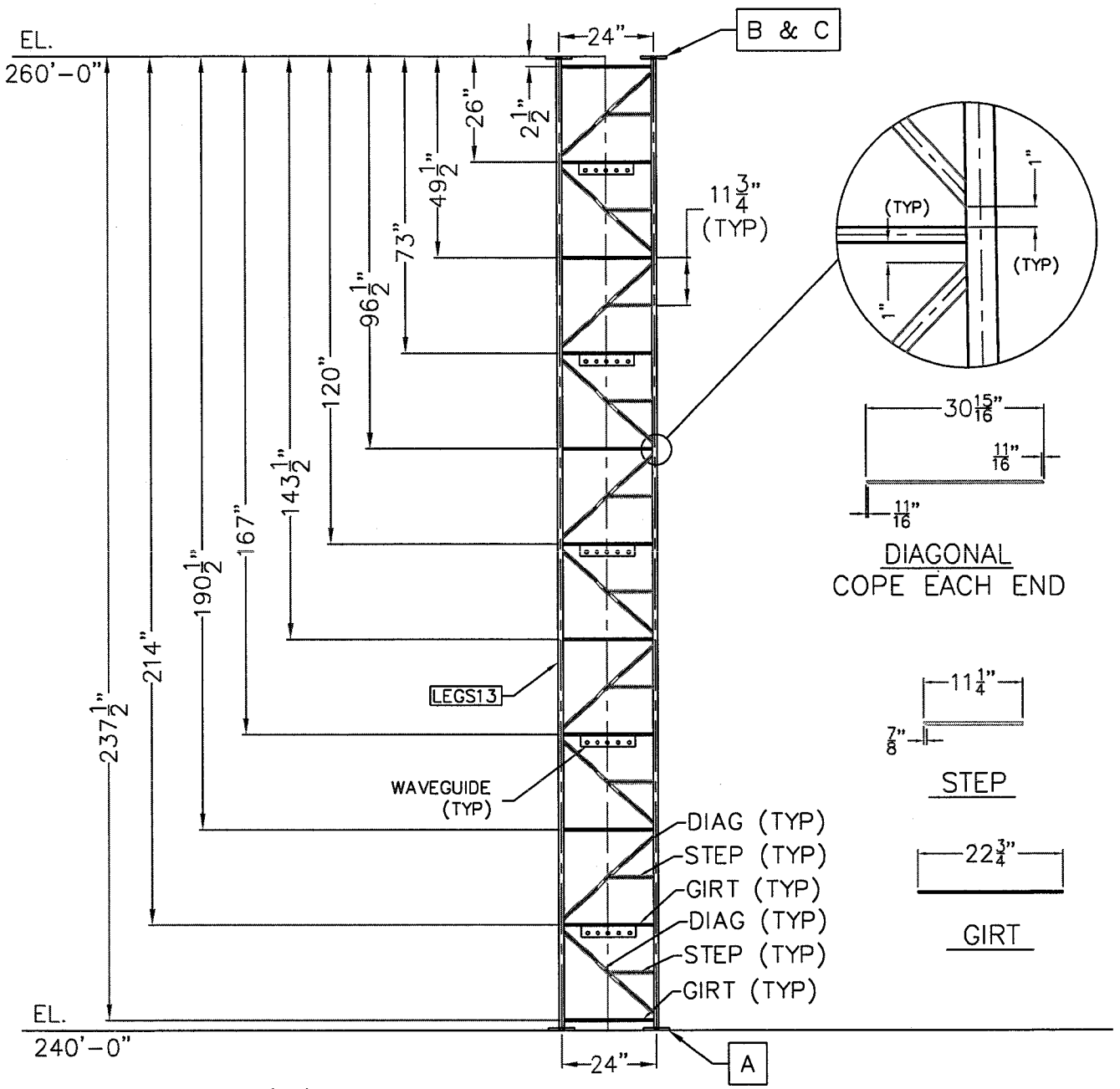
DATE: 12/04/2008

REV: X

REV. DATE: X

JOB NO. AF40888

SHEET S12



SECTION 13 ELEVATION – (10) BAYS

PART	QTY.	GRADE	DESCRIPTION
LEGS13	3	A572-50	S.R. ø1 1/4" x 239 3/8" CUT LGTH.
A	3	A36	PL. 6 1/2" O.D. X 5/8" THK.
GIRT	33	A36	S.R. ø1/2" x 22 3/4" CUT LGTH.
DIAG	30	A36	S.R. ø3/4" x 30 15/16" CUT LGTH.
STEP	10	A36	S.R. ø3/4" x 11 1/4" CUT LGTH.
WG	5	A36	PL. 3" x 14" x 1/8" THICK
B	3	A36	PL.6 1/2" O.D. X 5/8" THK.
C	12	A325	5/8" DIA. X 2 1/2" LG. (BOLT ASSEMBLY)

NOTE:

1. ALL BOLT ASSEMBLIES SHALL CONTAIN ONE LOCK WASHER, ONE FLAT WASHER AND ONE NUT.
2. ALL CONNECTION BOLTS SHALL BE TIGHETENED TO THE SNUG TIGHT CONDITION PER AISC.
3. USE WELD WIRE E70LH.

ALLSTATE TOWER INC.
P.O. BOX 25
HENDERSON, KY 42419
PHONE: (270) 830-8512
FAX: (270) 830-8475

SCALE: NTS

TOLERANCE BANDS
ALL DIMENSIONS ARE ±1/16"
ALL ANGULAR DIM ARE ±1/2' UNLESS OTHERWISE NOTED

APPROX. WEIGHT: REF. SHIPPING LIST

FILE NAME: S13

PROPRIETARY STATEMENT: THIS DRAWING IS THE PROPERTY OF ALLSTATE TOWER CO. IT IS NOT TO BE REPRODUCED OR COPIED IN ANYWAY WITHOUT PRIOR WRITTEN CONSENT OF ALLSTATE TOWER CO.

CUSTOMER: WSKV

DESCRIPTION: 300' GUYED TOWER

LOCATION: POWELL COUNTY, KY

SITE: STANTON

DRAWN BY: W.MILLER

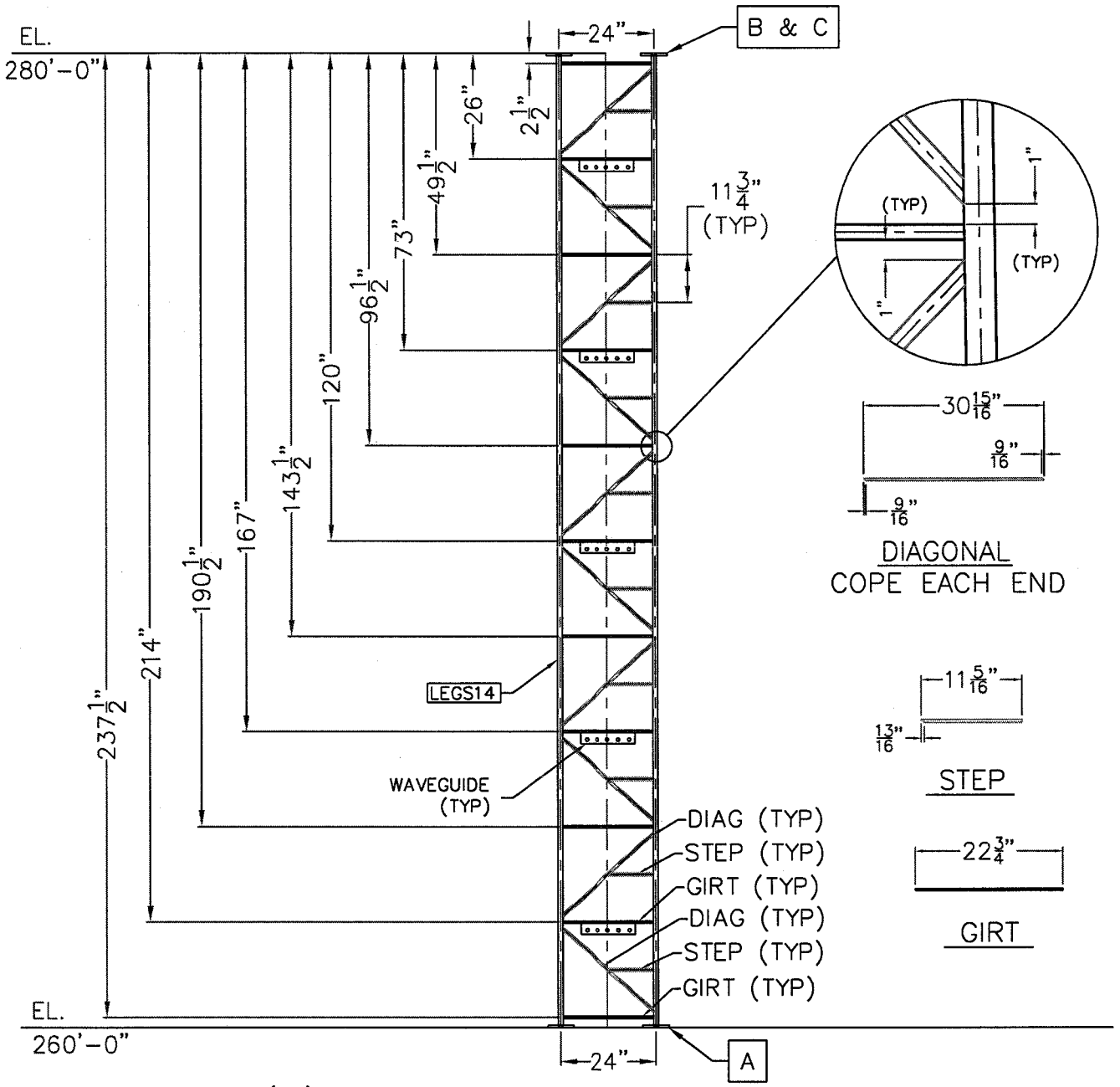
DATE: 12/04/2008

REV: X

REV. DATE: X

JOB NO. AF40888

SHEET S13



SECTION 14 ELEVATION – (10) BAYS

PART	QTY.	GRADE	DESCRIPTION
LEGS14	3	A572-50	S.R. ø1 1/4" x 239 3/8" CUT LGTH.
A	3	A36	PL. 6 1/2" O.D. X 5/8" THK.
GIRT	33	A36	S.R. ø1/2" x 22 3/4" CUT LGTH.
DIAG	30	A36	S.R. ø5/8" x 30 15/16" CUT LGTH.
STEP	10	A36	S.R. ø3/4" x 11 5/16" CUT LGTH.
WG	5	A36	PL. 3" x 14" x 1/8" THICK
B	3	A36	PL.6 1/2" O.D. X 5/8" THK.
C	12	A325	5/8" DIA. X 2 1/2" LG. (BOLT ASSEMBLY)

NOTE:

1. ALL BOLT ASSEMBLIES SHALL CONTAIN ONE LOCK WASHER, ONE FLAT WASHER AND ONE NUT.
2. ALL CONNECTION BOLTS SHALL BE TIGHETENED TO THE SNUG TIGHT CONDITION PER AISC.
3. USE WELD WIRE E70LH.

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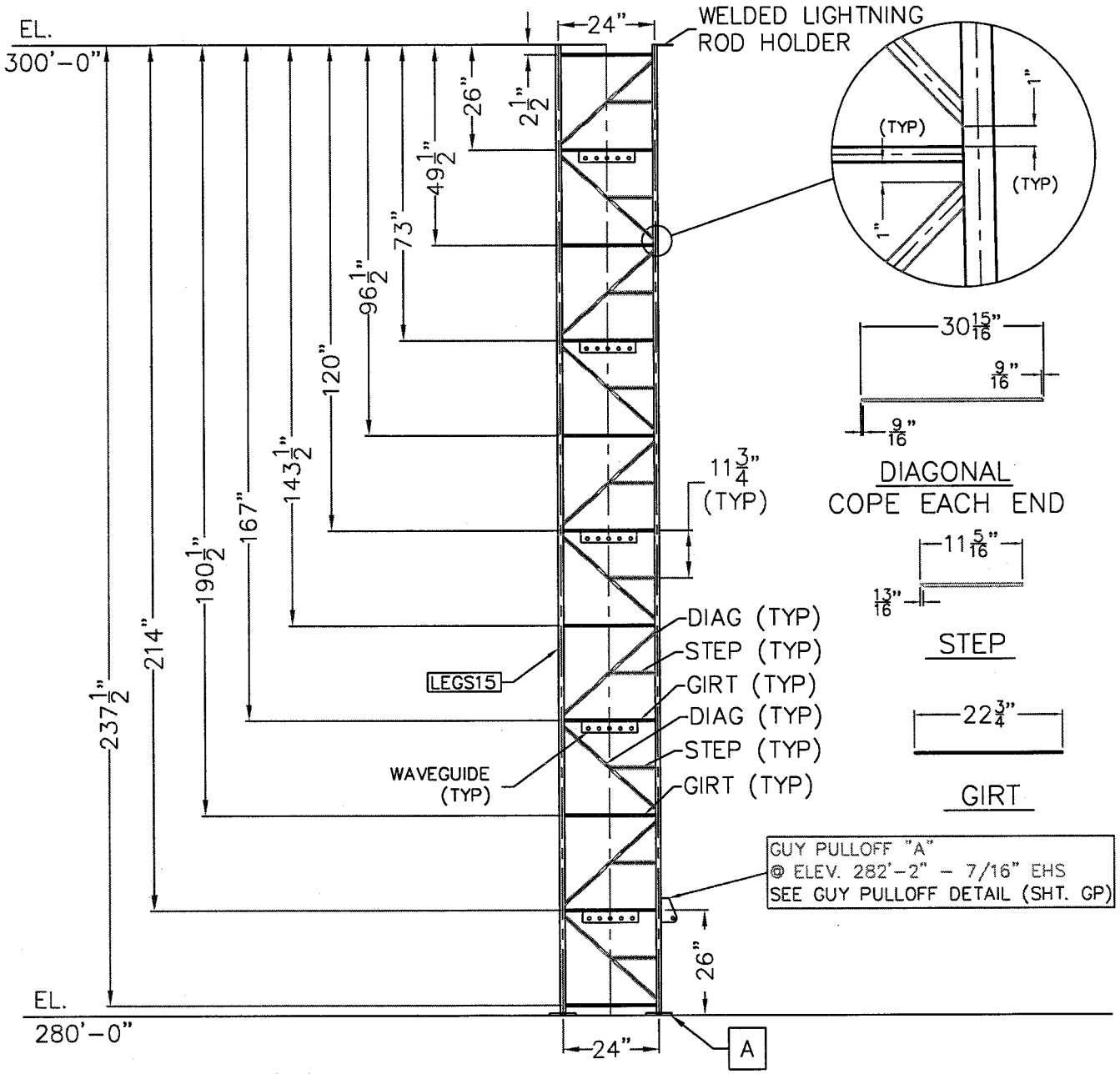
SCALE:	NTS
TOLERANCE BANDS	ALL DIMENSIONS ARE ±1/16" ALL ANGULAR DIM ARE ±1/2' UNLESS OTHERWISE NOTED
CUSTOMER:	WSKV
DESCRIPTION:	300' GUYED TOWER
LOCATION:	POWELL COUNTY, KY
SITE:	STANTON
APPROX. WEIGHT	REF. SHIPPING LIST
FILE NAME:	S14
DRAWN BY:	W.MILLER
DATE:	12/04/2008
REV:	X
REV. DATE:	X
JOB NO.	AF40888
SHEET	S14



SECTION 15 ELEVATION - (10) BAYS

PART	QTY.	GRADE	DESCRIPTION
LEGS15	3	A572-50	S.R. ø1 1/4" x 239 11/16" CUT LGTH.
A	3	A36	PL. 6 1/2" O.D. X 5/8" THK.
GIRT	33	A36	S.R. ø1/2" x 22 3/4" CUT LGTH.
DIAG	30	A36	S.R. ø5/8" x 30 15/16" CUT LGTH.
STEP	10	A36	S.R. ø3/4" x 11 5/16" CUT LGTH.
WG	5	A36	PL. 3" x 14" x 1/8" THICK
X	X	X	X
X	X	X	X

NOTE:

1. ALL BOLT ASSEMBLIES SHALL CONTAIN ONE LOCK WASHER, ONE FLAT WASHER AND ONE NUT.
2. ALL CONNECTION BOLTS SHALL BE TIGHETENED TO THE SNUG TIGHT CONDITION PER AISC.
3. USE WELD WIRE E70LH.

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PHONE: (270) 830-8512
FAX: (270) 830-8475

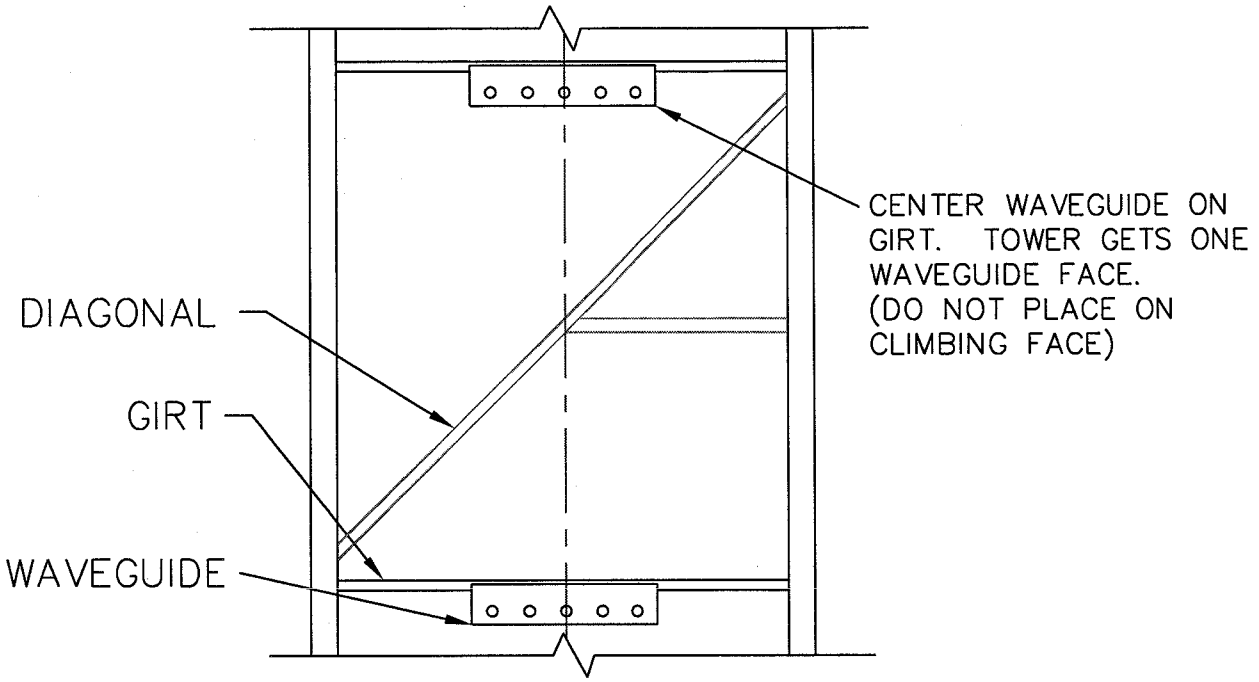
SCALE: NTS

TOLERANCE BANDS
ALL DIMENSIONS ARE ±1/16"
ALL ANGULAR DIM ARE ±1/2' UNLESS OTHERWISE NOTED

APPROX. WEIGHT
REF. SHIPPING LIST

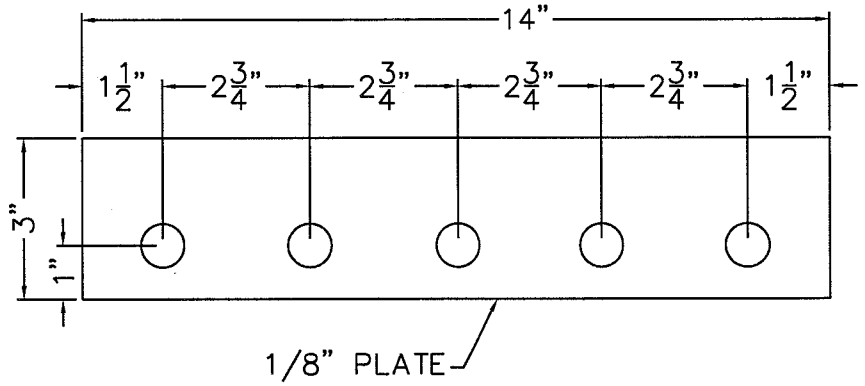
PROPRIETARY STATEMENT: THIS DRAWING IS THE PROPERTY OF ALLSTATE TOWER CO. IT IS NOT TO BE REPRODUCED OR COPIED IN ANYWAY WITHOUT PRIOR WRITTEN CONSENT OF ALLSTATE TOWER CO.

CUSTOMER:	WSKV
DESCRIPTION:	300' GUYED TOWER
LOCATION:	POWELL COUNTY, KY
SITE:	STANTON
FILE NAME:	S15
DRAWN BY:	W.MILLER
DATE:	12/04/2008
REV:	X
REV. DATE:	X
JOB NO.	AF40888
SHEET	S15



WAVEGUIDE PLACEMENT

PLACE 5 HOLE WAVEGUIDE ON CENTER ON EACH GIRT – NOT ON LADDER FACE



5 HOLE WAVEGUIDE

ALL HOLES 13/16" DIA.

(74 REQ'D)

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HENDERSON, KY 42419
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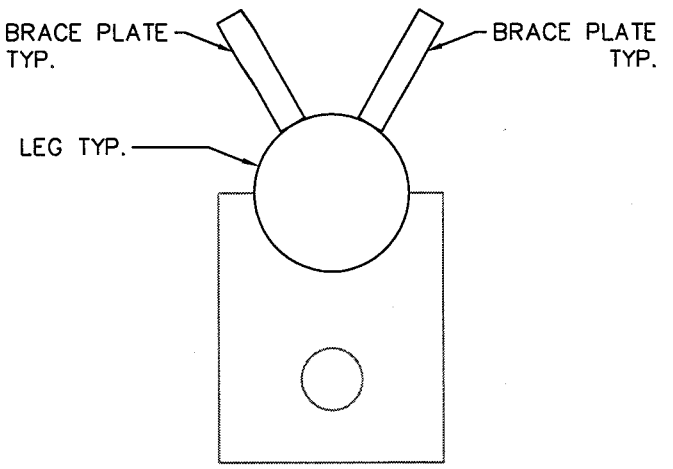
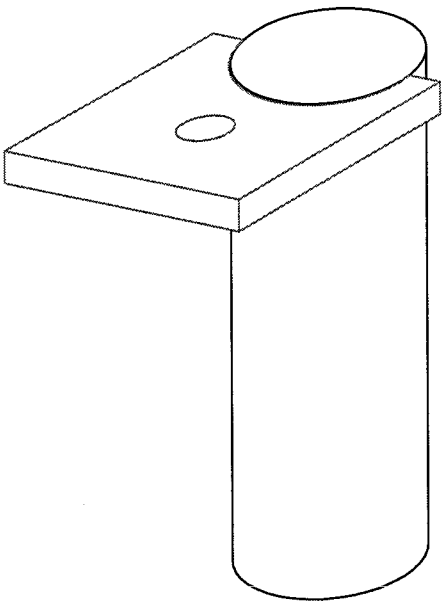
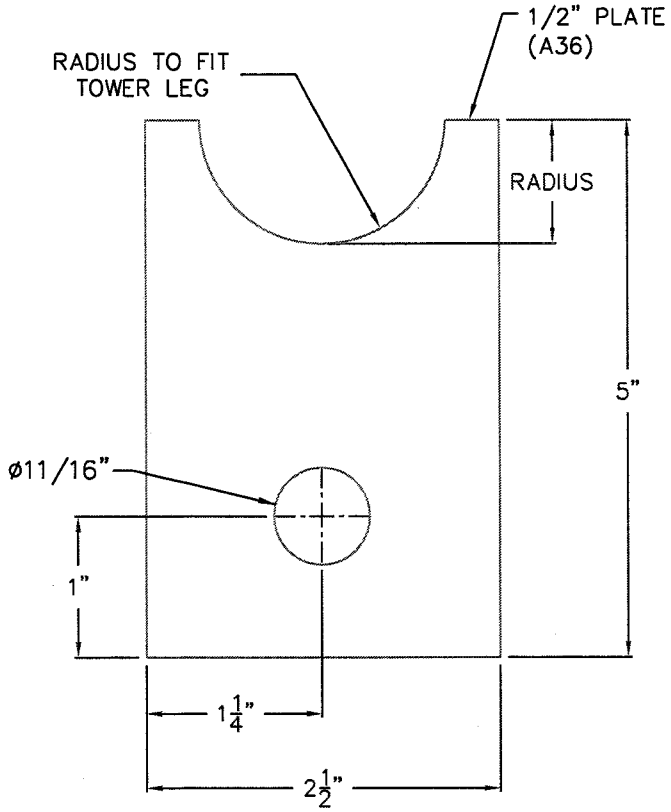
SCALE: NTS	PROPRIETARY STATEMENT: THIS DRAWING IS THE PROPERTY OF ALLSTATE TOWER CO. IT IS NOT TO BE REPRODUCED OR COPIED IN ANYWAY WITHOUT PRIOR WRITTEN CONSENT OF ALLSTATE TOWER CO.		
TOLERANCE BANDS ALL DIMENSIONS ARE ±1/16" ALL ANGULAR DIM ARE ±1/2° UNLESS OTHERWISE NOTED	CUSTOMER: WSKV	DRAWN BY: W.MILLER	
	DESCRIPTION: 300' GUYED TOWER	DATE: 12/05/2008	
	LOCATION: POWELL COUNTY, KY	REV: REV NO.	
	SITE: STANTON	REV. DATE: REV DATE	
APPROX. WEIGHT: REF. SHIPPING LIST	FILE NAME: 5 HOLE WAVEGUIDE	JOB NO.: AF40888	SHEET: WG

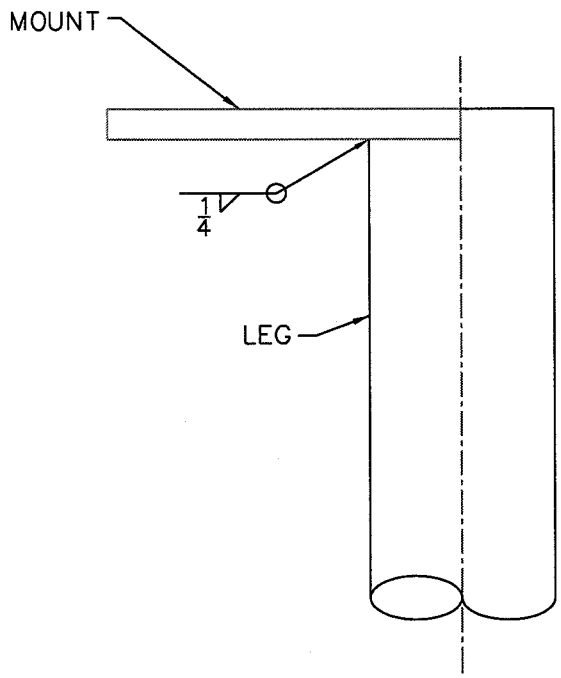


TOP VIEW





LIGHTNING ROD MOUNT



PLAN VIEW

USE WELD WIRE E70LH.

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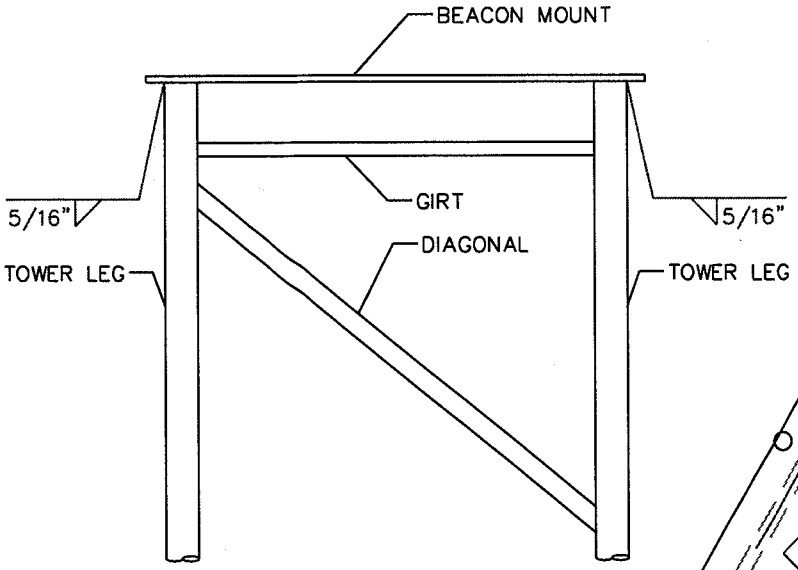
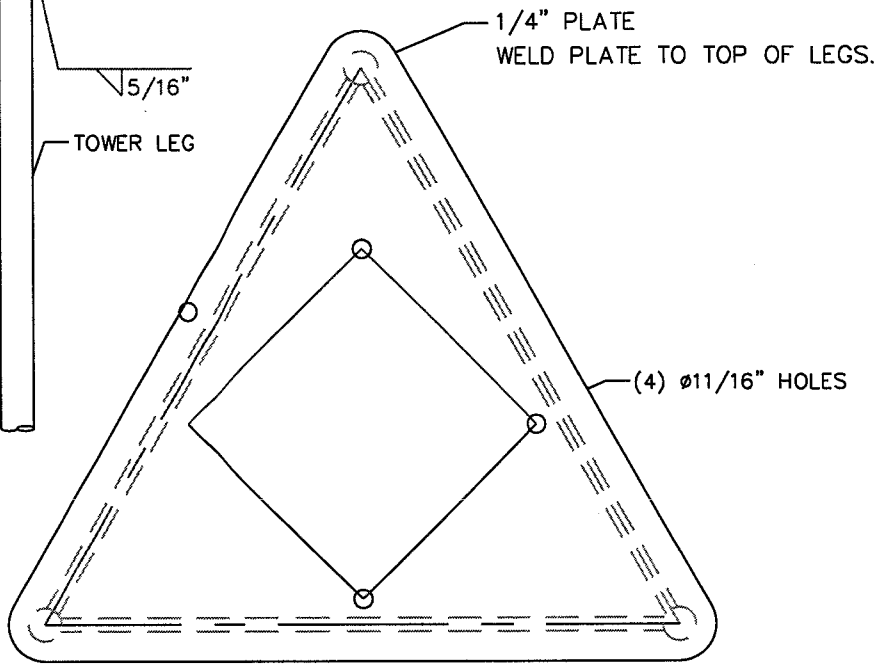
PHONE: (270) 830-8512
FAX: (270) 830-8475

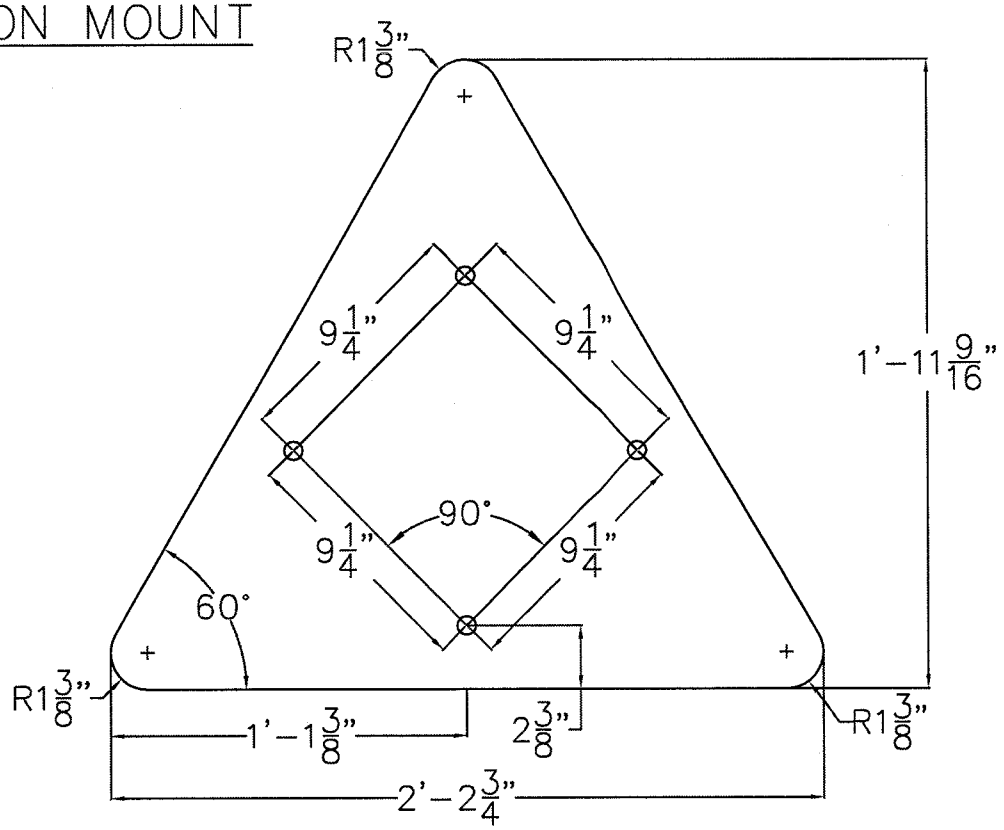
SCALE:	NTS
TOLERANCE BANDS	ALL DIMENSIONS ARE ±1/16" ALL ANGULAR DIM ARE ±1/2° UNLESS OTHERWISE NOTED
APPROX. WEIGHT	REF. SHIPPING LIST
CUSTOMER:	WSKV
DESCRIPTION:	300' GUYED TOWER
LOCATION:	POWELL COUNTY, KY
SITE:	STANTON
FILE NAME:	LRD
DRAWN BY:	W.MILLER
DATE:	12/05/2008
REV:	REV. NO.
REV. DATE:	REV. DATE
JOB NO.	AF40888
SHEET	LRD

PROPRIETARY STATEMENT: THIS DRAWING IS THE PROPERTY OF ALLSTATE TOWER CO. IT IS NOT TO BE REPRODUCED OR COPIED IN ANYWAY WITHOUT PRIOR WRITTEN CONSENT OF ALLSTATE TOWER CO.





GUYED TOWER BEACON MOUNT



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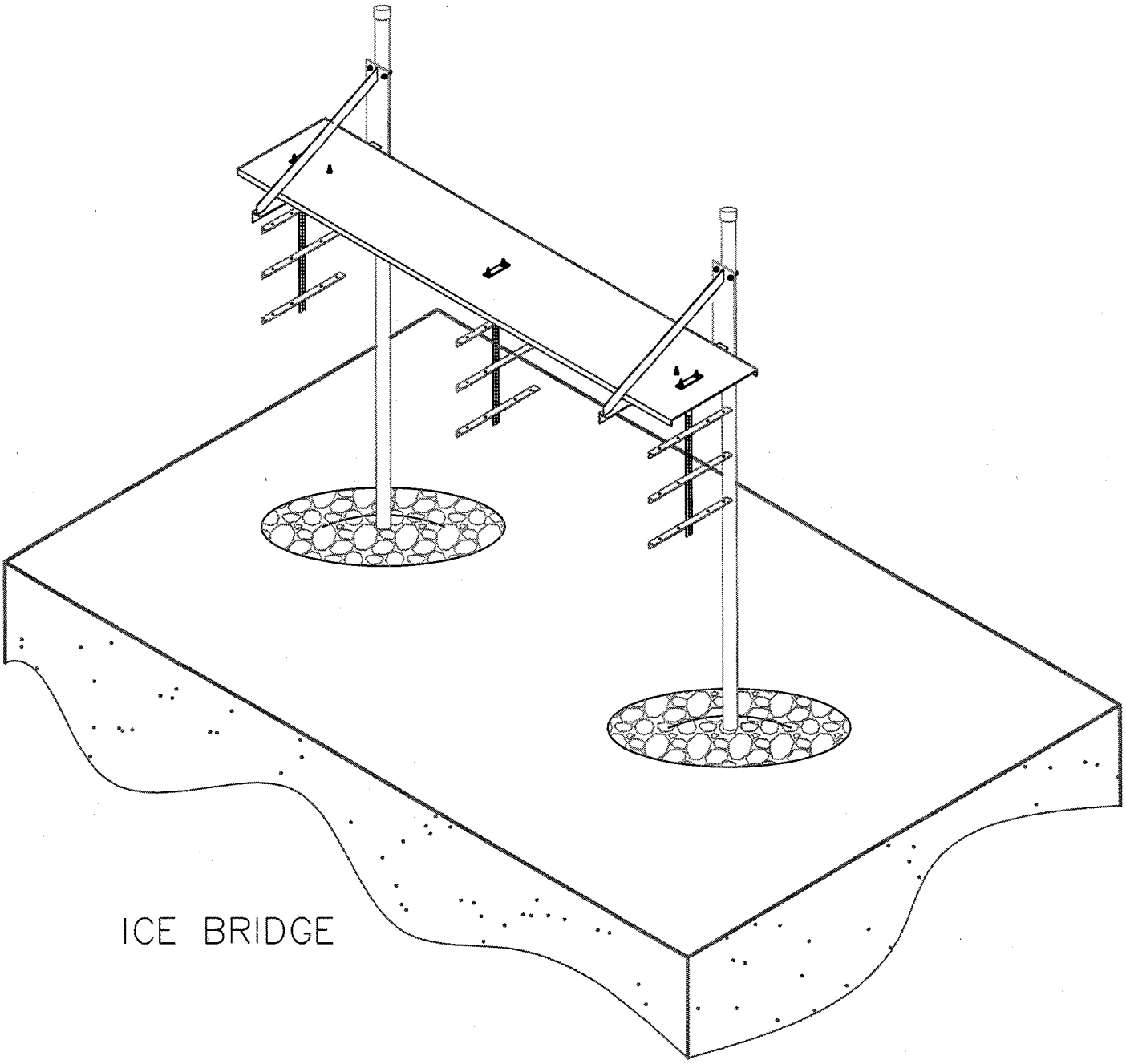
PHONE: (270) 830-8512
FAX: (270) 830-8475

SCALE:	NTS
TOLERANCE BANDS	ALL DIMENSIONS ARE ±1/16" ALL ANGULAR DIM ARE ±1/2° UNLESS OTHERWISE NOTED
APPROX. WEIGHT	REF. SHIPPING LIST
FILE NAME:	GBMT
CUSTOMER:	WSKV
DESCRIPTION:	300' GUYED TOWER
LOCATION:	POWELL COUNTY, KY
SITE:	STANTON
DRAWN BY:	W.MILLER
DATE:	10/05/2008
REV:	REV. NO.
REV. DATE:	REV. DATE
JOB NO.	AF40888
SHEET	BMT

PROPRIETARY STATEMENT: THIS DRAWING IS THE PROPERTY OF ALLSTATE TOWER CO. IT IS NOT TO BE REPRODUCED OR COPIED IN ANYWAY WITHOUT PRIOR WRITTEN CONSENT OF ALLSTATE TOWER CO.



ICE BRIDGE

ALLSTATE TOWER INC.

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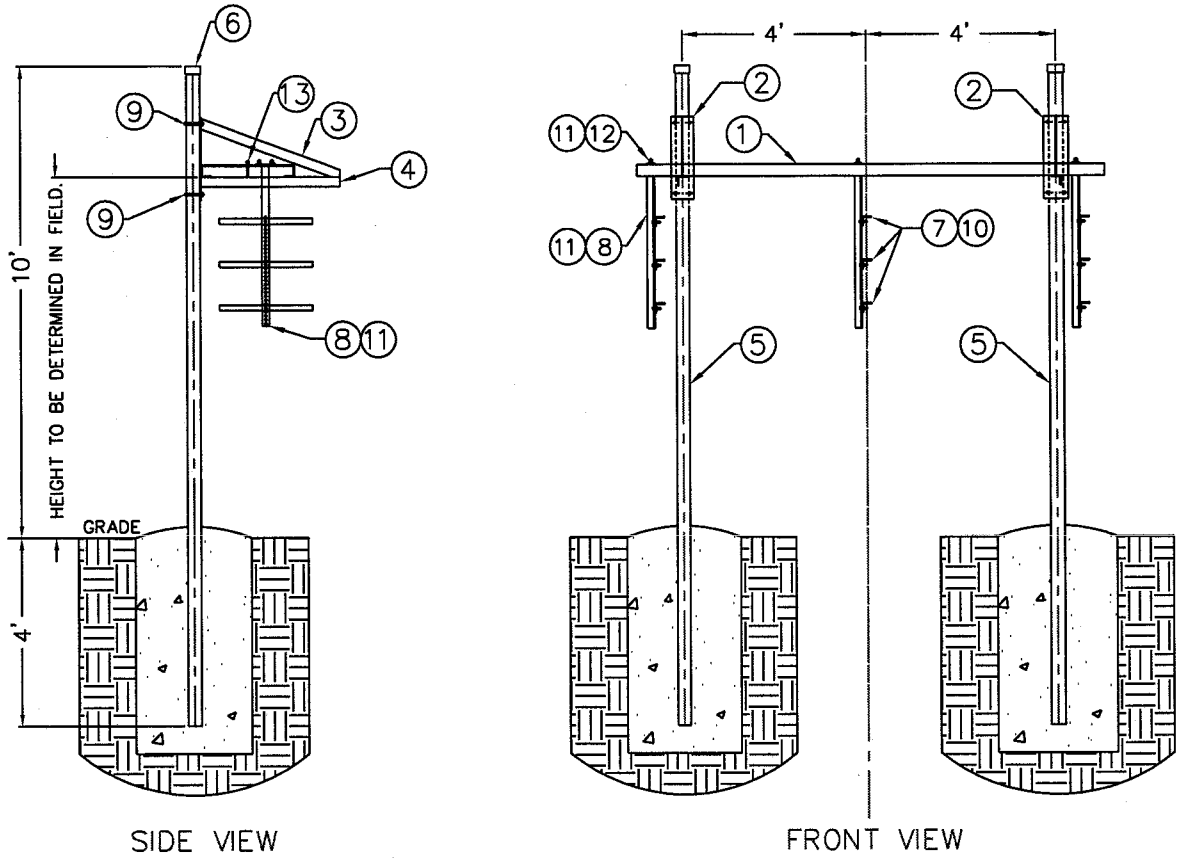
FAX: (270) 830-8475

SCALE: SCALE	PROPRIETARY STATEMENT: THIS DRAWING IS THE PROPERTY OF ALLSTATE TOWER CO. IT IS NOT TO BE REPRODUCED OR COPIED IN ANYWAY WITHOUT PRIOR WRITTEN CONSENT OF ALLSTATE TOWER CO.		
TOLERANCE BANDS ALL DIMENSIONS ARE ±1/16" ALL ANGULAR DIM ARE ±1/2° UNLESS OTHERWISE NOTED	CUSTOMER: WSKV	DRAWN BY: W.MILLER	
	DESCRIPTION: 2-POST 2'x10' ICE BRIDGE KIT	DATE: 12/05/2008	
	LOCATION: POWELL COUNTY, KY	REV: REV. NO.	
	SITE: STANTON	REV. DATE: REV. DATE	
APPROX. WEIGHT 445 lbs.	FILE NAME: 2 POST ISO	JOB NO. AF40888	SHEET IB



WAVEGUIDE BRIDGE

BILL OF MATERIAL FOR ONE BRIDGE

ITEM #	QTY.	MATERIAL	LENGTH
1	1	24" GRIP STRUT 14 GA. x 3" CH. DEPTH	10 FT.
2	2	PL. 6" X 3/8" THK (A36)	21" LG.
3	2	2 1/2" X 1/4" THICK FLAT BAR	38 11/16" LG.
4	2	∠ 2 1/2" X 2 1/2" X 3/16" (A36)	35 3/4" LG.
5	2	3" SCH 40 PIPE	14 FT.
6	2	PLASTIC PIPE CAP (3 1/2" OD)	
7	9	∠ 2" X 2" X 1/8" (A36)	19 3/4" LG.
8	3	∠ 2" X 2" X 1/8" (A36)	36" LG.
9	4	ø1/2" X 4-1/4" C-C X 5-1/2" I.S.L. U-BOLT W/ASSY	
10	18	ø3/8" x 1 1/4" BOLT ASSY (A325) FOR TRAPEZE	
11	6	2 1/2" x 7" x 1/4" THICK PLATE (A36)	
12	6	ø1/2" x 2 1/4" BOLT ASSEMBLY (A325)	
13	2	ø3/8" x 3 3/4" BOLT ASSEMBLY (A325)	

NOTES:

1. ALL PARTS TO BE HOT-DIPPED GALVANIZED.
2. POSITION TRAPEZE ON 36" CENTERS HORIZONTALLY. VERTICAL SPACING TO BE PER CUSTOMER REQUIREMENTS.
3. SLOPE TOP OF CONCRETE TO ALLOW WATER TO DRAIN AWAY FROM PIPE.
4. ALL BOLT ASSEMBLIES SHALL CONTAIN ONE LOCK WASHER, ONE FLAT WASHER AND ONE NUT.

ALLSTATE TOWER INC.
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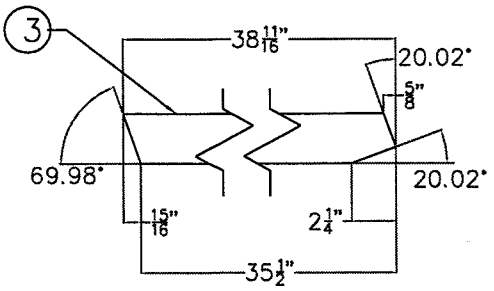
SCALE: NTS

TOLERANCE BANDS
ALL DIMENSIONS ARE ±1/16"
ALL ANGULAR DIM ARE ±1/2° UNLESS OTHERWISE NOTED

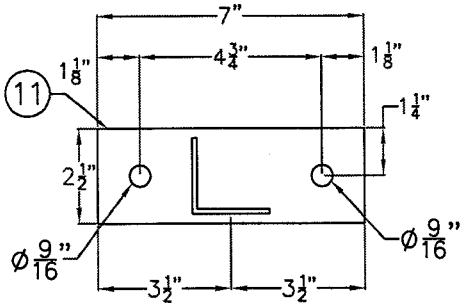
APPROX. WEIGHT: 445 lbs.

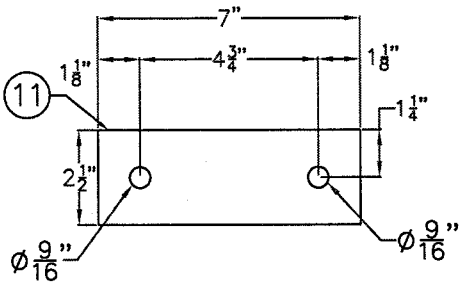
PROPRIETARY STATEMENT: THIS DRAWING IS THE PROPERTY OF ALLSTATE TOWER CO. IT IS NOT TO BE REPRODUCED OR COPIED IN ANYWAY WITHOUT PRIOR WRITTEN CONSENT OF ALLSTATE TOWER CO.

CUSTOMER:	WSKV
DESCRIPTION:	2-POST 2' x 10' ICE BRIDGE KIT
LOCATION:	POWELL COUNTY, KY
SITE:	STANTON
FILE NAME:	2 POST B1
DRAWN BY:	W.MILLER
DATE:	12/05/2008
REV:	REV. NO.
REV. DATE:	REV. DATE
JOB NO.	AF40888
SHEET	IB1

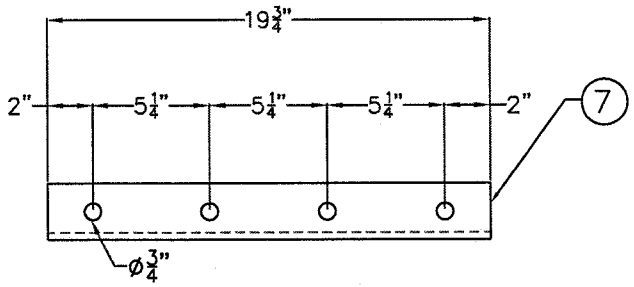


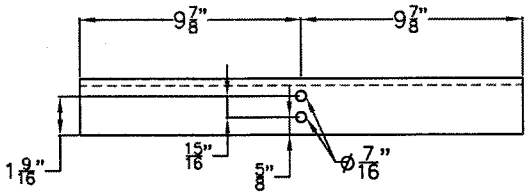
FLAT BAR BRACE



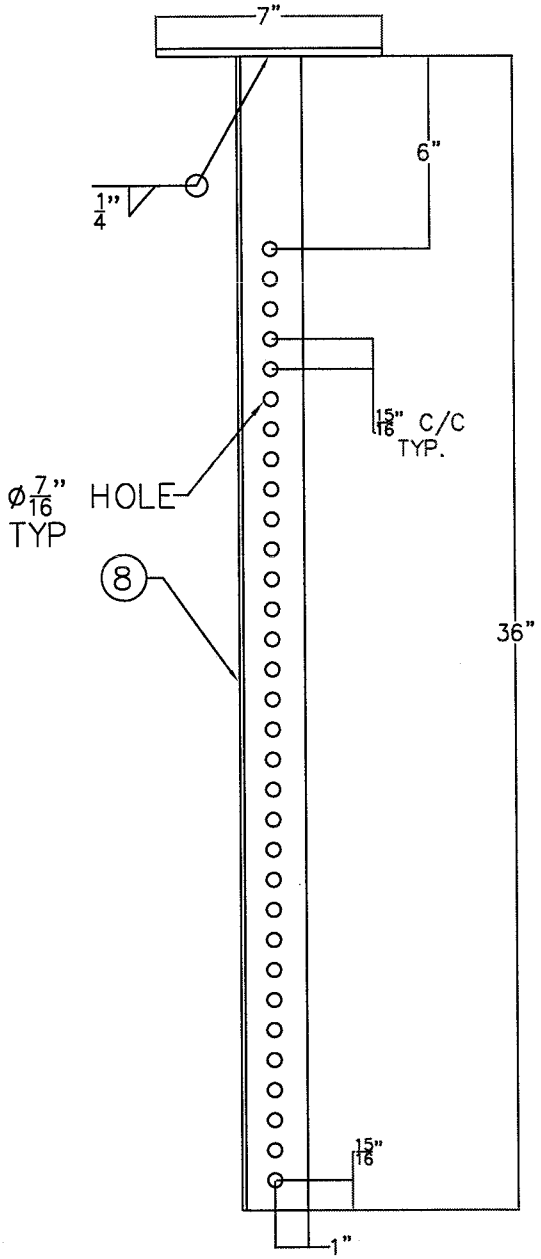


BACKING PLATE





WAVEGUIDE HANGER



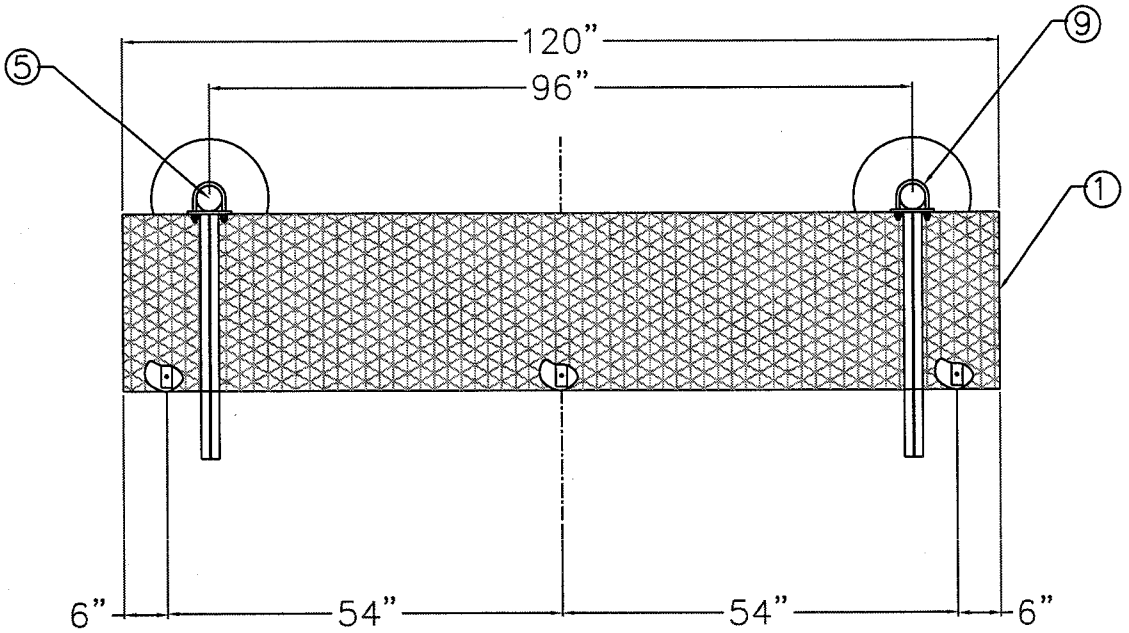
VERTICAL SUPPORT ARM

ALLSTATE TOWER INC.
P.O. BOX 25
HENDERSON, KY 42419
PHONE: (270) 830-8512
FAX: (270) 830-8475

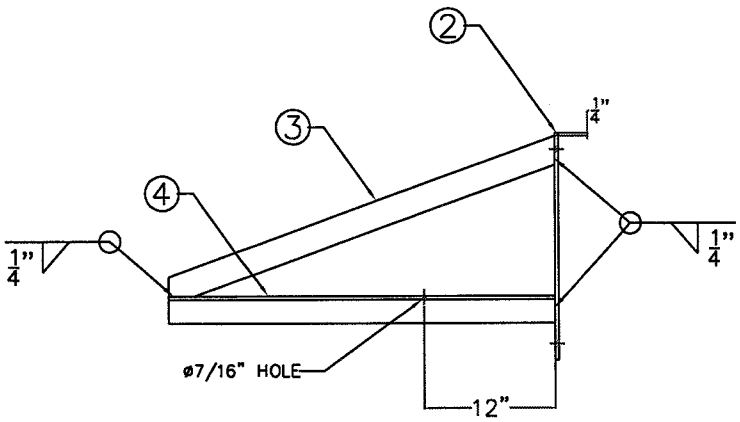
SCALE:	NTS
TOLERANCE BANDS	ALL DIMENSIONS ARE ±1/16" ALL ANGULAR DIM ARE ±1/2° UNLESS OTHERWISE NOTED
APPROX. WEIGHT	REF. SHIPPING LIST

PROPRIETARY STATEMENT: THIS DRAWING IS THE PROPERTY OF ALLSTATE TOWER CO. IT IS NOT TO BE REPRODUCED OR COPIED IN ANYWAY WITHOUT PRIOR WRITTEN CONSENT OF ALLSTATE TOWER CO.

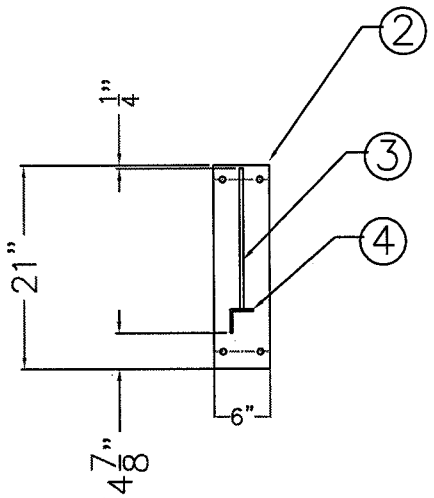
CUSTOMER:	WSKV
DESCRIPTION:	2-POST 2'x10' ICE BRIDGE KIT
LOCATION:	POWELL COUNTY, KY
SITE:	STANTON
FILE NAME:	2 POST B3
DRAWN BY:	W.MILLER
DATE:	12/05/2008
REV:	REV. NO.
REV. DATE:	REV. DATE
JOB NO.	AF40888
SHEET	IB3



WAVE GUIDE BRIDGE
PLAN VIEW



HORSEHEAD ASSEMBLY
SIDE VIEW



HORSEHEAD ASSEMBLY
FRONT VIEW

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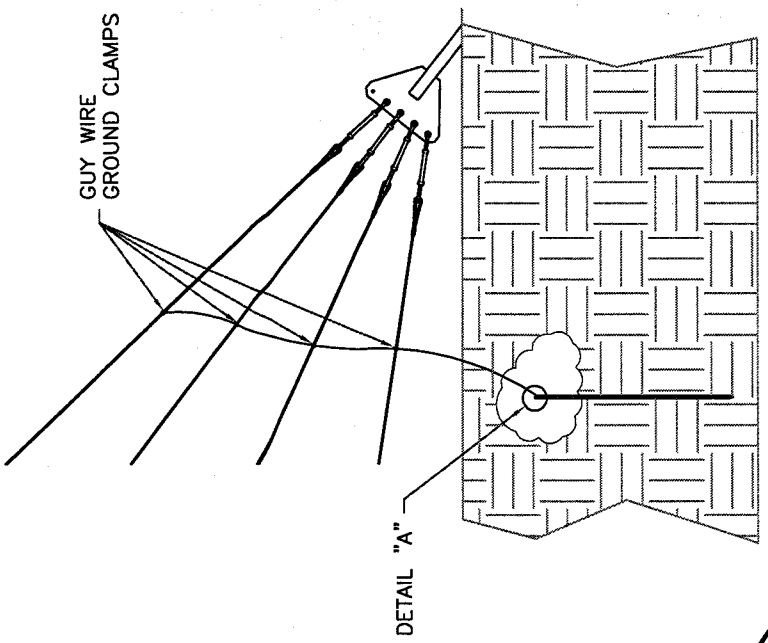
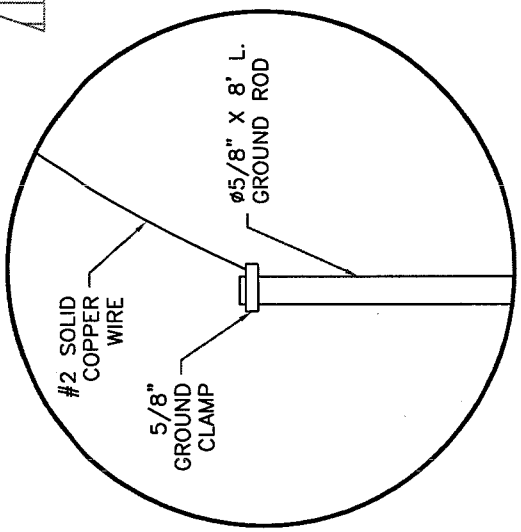
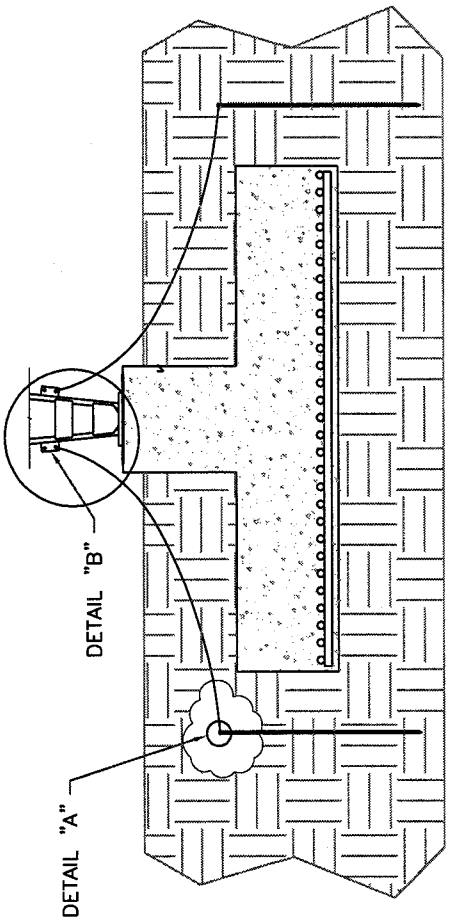
SCALE: NTS	PROPRIETARY STATEMENT: THIS DRAWING IS THE PROPERTY OF ALLSTATE TOWER CO. IT IS NOT TO BE REPRODUCED OR COPIED IN ANYWAY WITHOUT PRIOR WRITTEN CONSENT OF ALLSTATE TOWER CO.
TOLERANCE BANDS ALL DIMENSIONS ARE ±1/16" ALL ANGULAR DIM ARE ±1/2' UNLESS OTHERWISE NOTED	CUSTOMER: WSKV
	DESCRIPTION: 2-POST 2'x10" ICE BRIDGE KIT
	LOCATION: POWELL COUNTY, KY
	SITE: STANTON
APPROX. WEIGHT: REF. SHIPPING LIST	FILE NAME: 2 POST B2

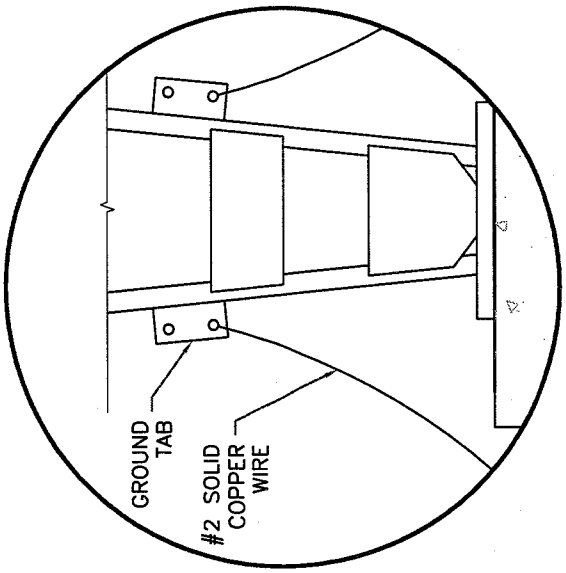
DRAWN BY:	W.MILLER
DATE:	12/05/2008
REV:	REV. NO.
REV. DATE:	REV. DATE
JOB NO.	AF40888
SHEET	IB2





DETAIL "A"





DETAIL "B"

NOTES:
1. STANDARD GROUNDING KIT INCLUDES (1) 4' ALUMINUM LIGHTNING ROD FOR TOP OF TOWER.

ALLSTATE TOWER INC.
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SCALE: N.T.S.	
TOLERANCE BANDS: ALL DIMENSIONS ARE ±1/16" ALL ANGULAR DIM ARE ±1/2" UNLESS OTHERWISE NOTED	
APPROX. WEIGHT: N/A	
CUSTOMER: WSKV	
DESCRIPTION: STANDARD EIA GROUNDING LAYOUT	
LOCATION: POWELL COUNTY, KY	
SITE: STANTON	
FILE NAME: STANDARD (EIA) GROUNDING	
DRAWN BY: W.MILLER	
DATE: 12/05/2008	
REV: X	
REV. DATE: X	
JOB NO. AF40888	SHEET A

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