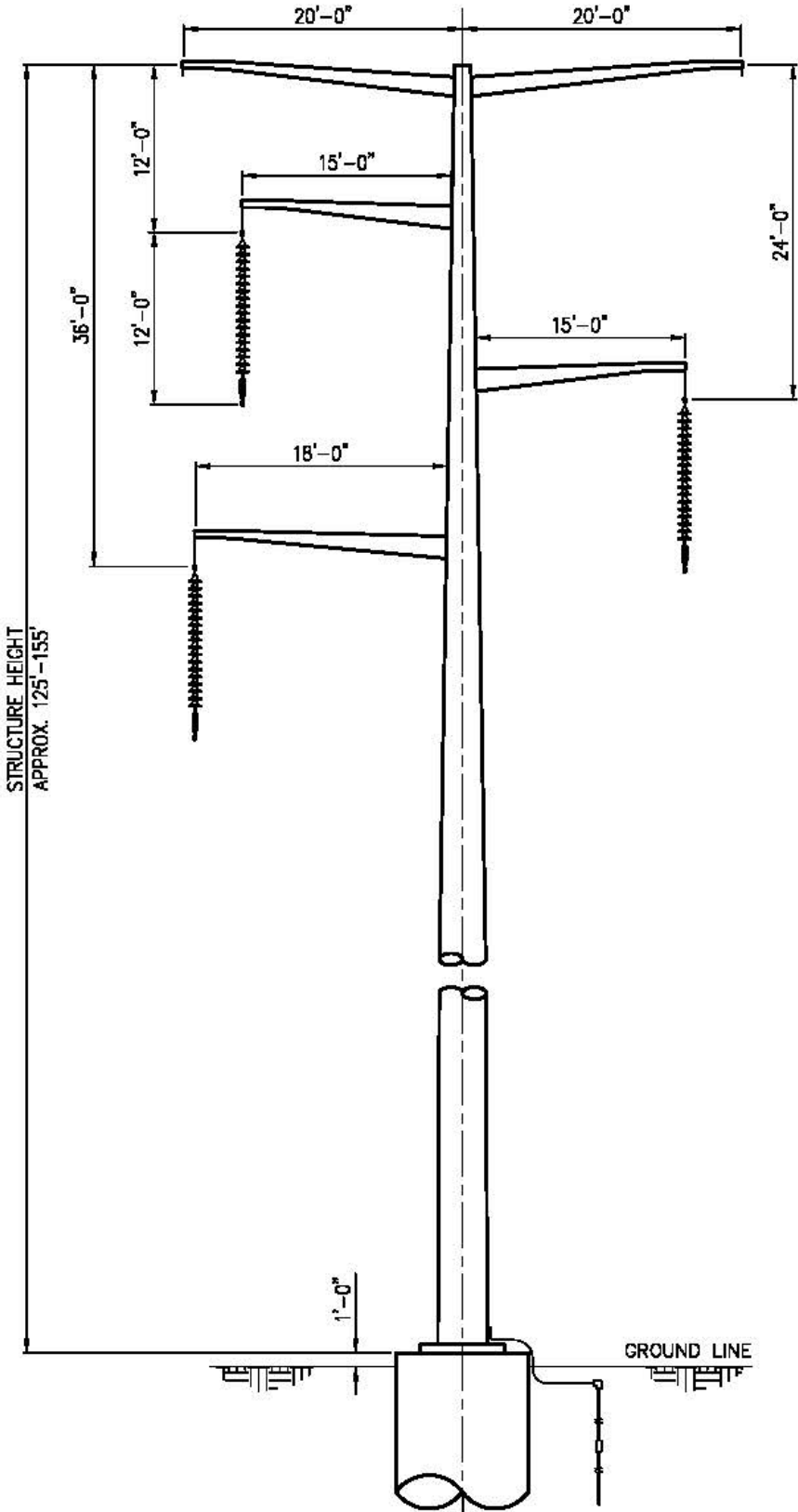


APPENDIX H

PRELIMINARY TRANSMISSION STRUCTURE TYPICAL DRAWINGS

THIS DRAWING WAS PREPARED BY POWER ENGINEERS, INC. FOR A SPECIFIC PROJECT, TAKING INTO CONSIDERATION THE SPECIFIC AND UNIQUE REQUIREMENTS OF THE PROJECT. REUSE OF THIS DRAWING OR ANY INFORMATION CONTAINED IN THIS DRAWING FOR ANY PURPOSE IS PROHIBITED UNLESS WRITTEN PERMISSION FROM BOTH POWER AND POWER'S CLIENT IS GRANTED.

REV	REVISIONS	DATE	DRN	DSCN	CKD	APPD
B	PRELIMINARY DIMS: MINOR REVISIONS	06/02/13	JFH	SMH	DJF	
A	PRELIMINARY APPROXIMATE DIMENSIONS	07/29/13	JFH	SMH	DJF	



STRUCTURE HEIGHT
APPROX. 125' - 155'

R:\projects\17108_BSS\DWG\17108_STR02.dwg 07/29/13 08:01:00 AM JFH
 R:\projects\17108_BSS\DWG\17108_STR02.dwg 07/29/13 08:01:00 AM JFH
 R:\projects\17108_BSS\DWG\17108_STR02.dwg 07/29/13 08:01:00 AM JFH

DSCN	PEI	07/29/13
DRN	PEI	07/29/13
CKD	PEI	07/29/13
SCALE: N.T.S.		
FOR 0.5x11 DWG ONLY		

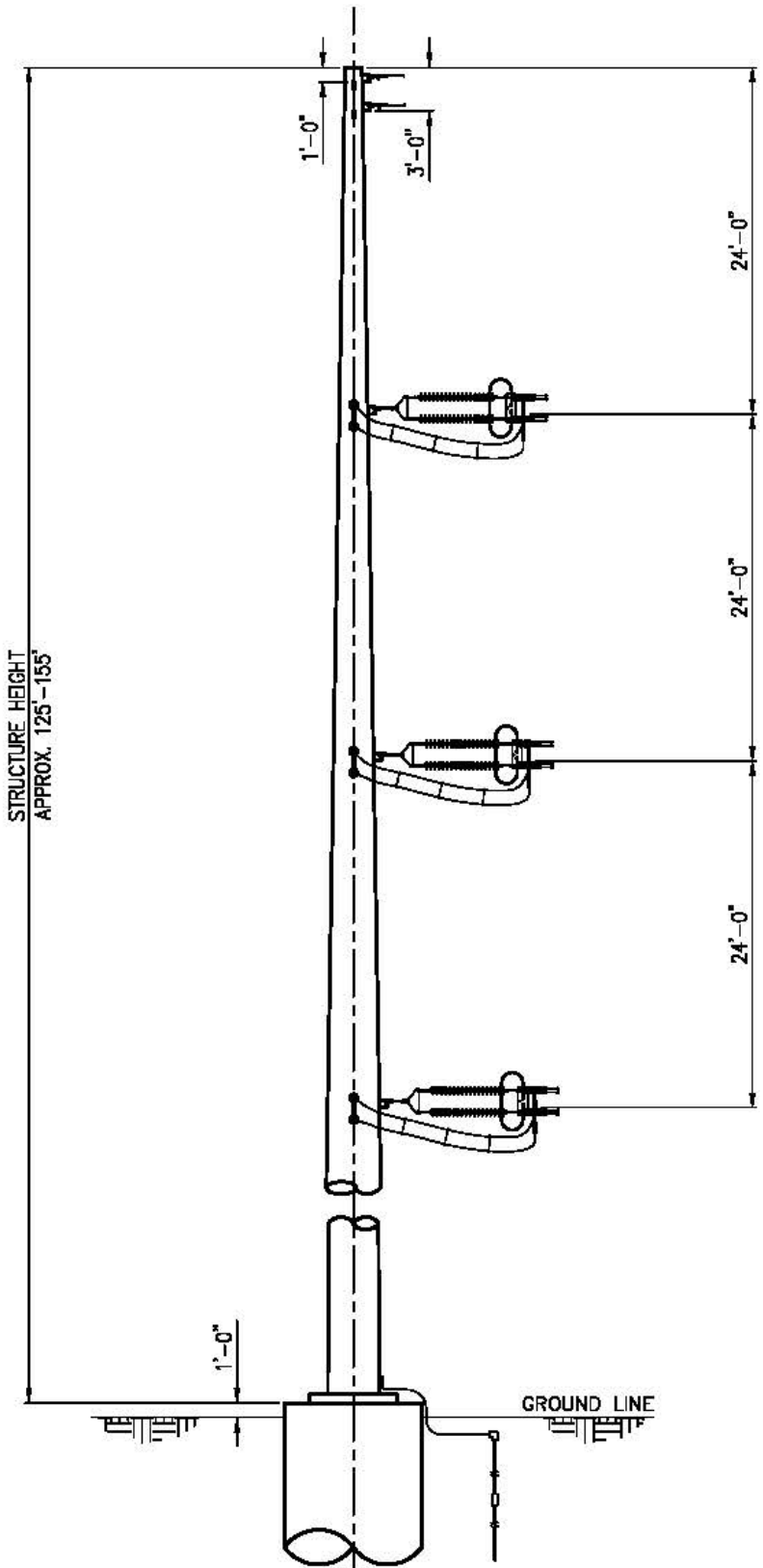


OTTER TAIL POWER CO. & MONTANA-DAKOTA UTIL. CO.
 PRELIMINARY DELTA TANGENT
 345KV TRANSMISSION LINE
 BIG STONE SOUTH TO ELLENDALE

JOB NUMBER	REV
127156	B
DRAWING NUMBER	
APP-STR02	

THIS DRAWING WAS PREPARED BY POWER ENGINEERS, INC. FOR A SPECIFIC PROJECT, TAKING INTO CONSIDERATION THE SPECIFIC AND UNIQUE REQUIREMENTS OF THE PROJECT. REUSE OF THIS DRAWING OR ANY INFORMATION CONTAINED IN THIS DRAWING FOR ANY PURPOSE IS PROHIBITED UNLESS WRITTEN PERMISSION FROM BOTH POWER AND POWER'S CLIENT IS GRANTED.

REV	REVISIONS	DATE	DRN	DSCN	CKD	APPD
B	PRELIMINARY DIMS: MINOR REVISIONS	06/02/13	JFH	SMH	DJF	
A	PRELIMINARY APPROXIMATE DIMENSIONS	07/29/13	JFH	SMH	DJF	



R:\projects\17108 BSS\DWG\STR03.dwg 07/29/13 08:41:58 AM JFH
 PLOT: APP-STR03.dwg 07/29/13 08:41:58 AM JFH
 APP-STR03.dwg 07/29/13 08:41:58 AM JFH

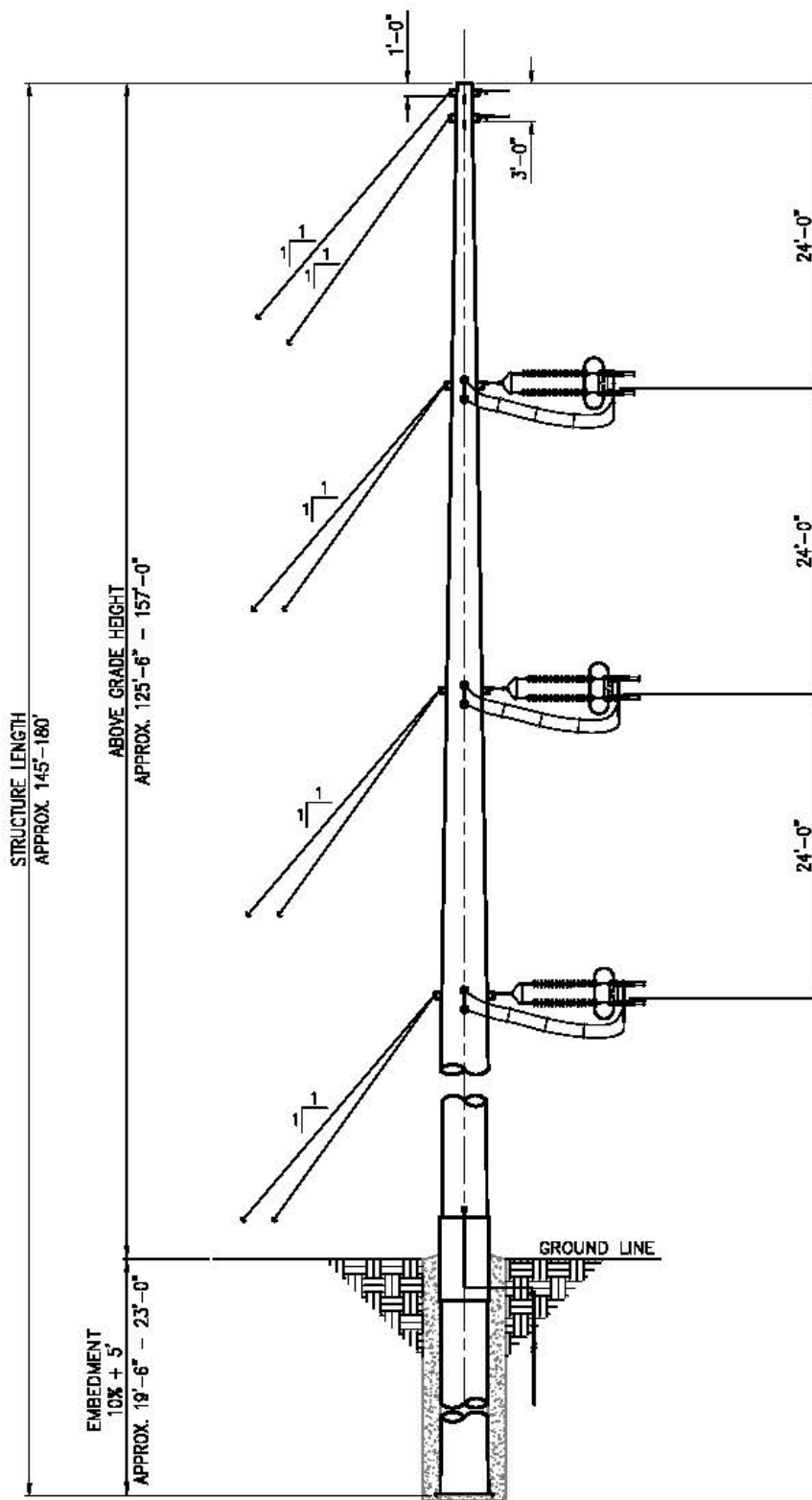
FILE	DSCN	PEI	07/29/13
	DRN	PEI	07/29/13
	CKD	PEI	07/29/13
SCALE: N.T.S.			
FOR 0.5x11 DWG ONLY			

OTTER TAIL POWER CO. & MONTANA-DAKOTA UTIL. CO.
 PRELIMINARY MONOPOLE DEADEND
 345KV TRANSMISSION LINE
 BIG STONE SOUTH TO ELLENDALE

JOB NUMBER	REV
127156	
DRAWING NUMBER	
APP-STR03	

THIS DRAWING WAS PREPARED BY POWER ENGINEERS, INC. FOR A SPECIFIC PROJECT, TAKING INTO CONSIDERATION THE SPECIFIC AND UNIQUE REQUIREMENTS OF THE PROJECT. REUSE OF THIS DRAWING OR ANY INFORMATION CONTAINED IN THIS DRAWING FOR ANY PURPOSE IS PROHIBITED UNLESS WRITTEN PERMISSION FROM BOTH POWER AND POWER'S CLIENT IS GRANTED.

REV	REVISIONS	DATE	DRN	DSCN	CKD	APPD
C	PRELIMINARY DIMS: ADDITIONAL DIMS	08/05/13	JFH	KMW	DJF	
B	PRELIMINARY DIMS: MINOR REVISIONS	06/02/13	JFH	KMW	DJF	
A	PRELIMINARY APPROXIMATE DIMENSIONS	07/29/13	JFH	SMH	DJF	



R:\projects\17108 BSS\un\ch42 345kV 345kV for Agency Info\wdr\Drawings\APP-STR04.dwg App-STR04 Aug 05, 2013 - 11:14am

FILE	DSCN	PEI	07/29/13
	DRN	PEI	07/29/13
	CKD	PEI	07/29/13
	SCALE: N.T.S.		
FOR 0.5x11 DWG ONLY			



OTTER TAIL POWER CO. & MONTANA-DAKOTA UTIL. CO.
 PRELIMINARY GUYED MONOPOLE DEADEND
 345KV TRANSMISSION LINE
 BIG STONE SOUTH TO ELLENDALE

JOB NUMBER	REV
127156	
DRAWING NUMBER	
APP-STR04	