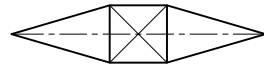


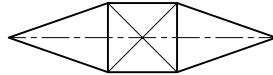
TRANS FACE

**NO BODY EXT. (+0M)
WITH LEG EXTS.**

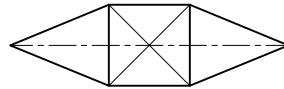
**TYPICAL DRAWINGS FOR
TENDER DOCUMENTS**



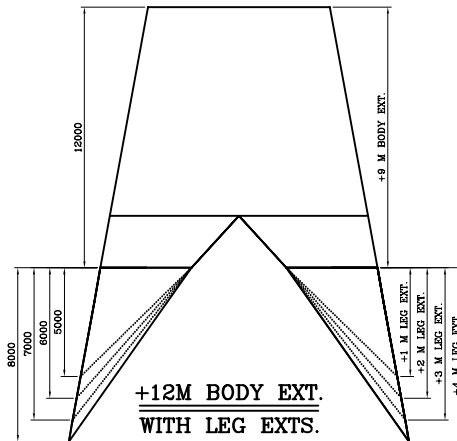
SECTION A-A



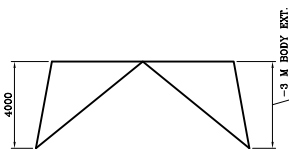
SECTION B-B



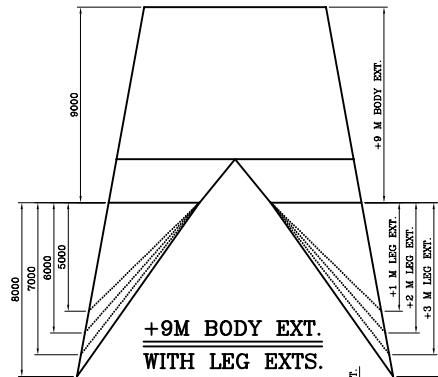
SECTION C-C



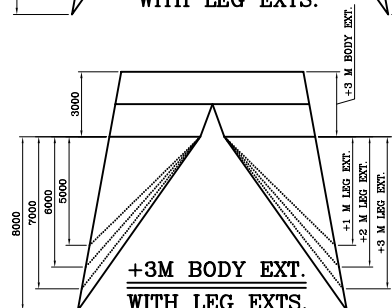
**+12M BODY EXT.
WITH LEG EXTS.**



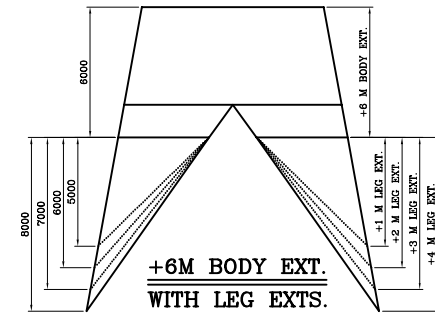
-3M BODY EXT.



**+9M BODY EXT.
WITH LEG EXTS.**



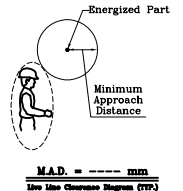
**+3M BODY EXT.
WITH LEG EXTS.**



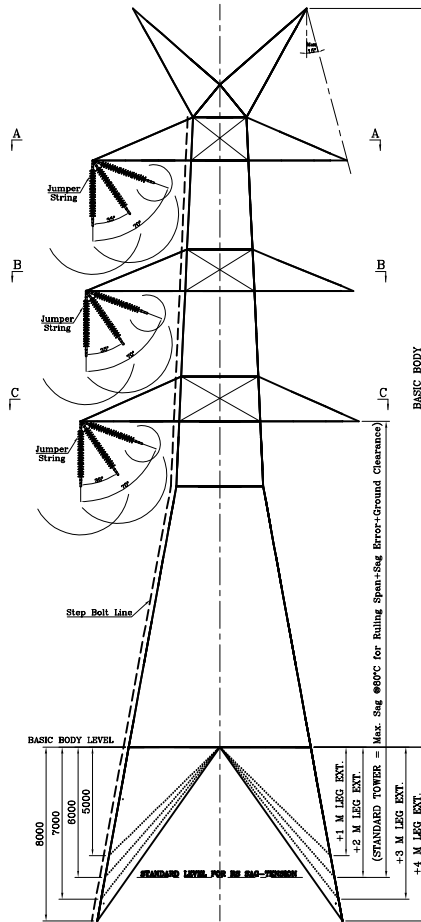
**+6M BODY EXT.
WITH LEG EXTS.**

GENERAL NOTES:

- 1- TOWER MUST BE DESIGNED ACCORDING TO KENYA ELECTRICITY TRANSMISSION COMPANY LTD REQUIREMENTS.
- 2- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
- 3- TOWER STRUCTURE MUST BE DESIGNED FOR ALL CONFIGURATION OF BODY EXTENSIONS AND EQUAL AND UNEQUAL LEG EXTENSIONS.
- 4- USE SQUARE BASE AND SQUARE WAIST FOR TOWER DESIGNING.
- 5- WEB BRACING SHALL BE TENSION-COMPRESSION OR A COMBINATION OF BOTH.
- 6- USE HORIZONTAL DIAPHRAGM (PLAN BRACING SYSTEM) AT THE BOTTOM OF BASIC BODY , BOTTOM OF BODY EXTENSIONS, OR ANYWHERE REQUIRED ON THE TOWER.
- 7- ALL LEG EXTENSIONS (+1,+2,+3,+4 m) COULD BE CONNECTED TO BASIC BODY & BODY EXTENSIONS (+3,+6,+9,+12 m).
- 8- CLEARANCE DIMENSIONS SHOWN ON THIS DRAWING ARE MINIMUM TO BE CONSIDERED BETWEEN THE NEAREST POINT OF CONDUCTOR HARDWARE AND SURFACE OF THE TOWER BODY.
- 9- TOWER STRUCTURE MUST BE DESIGNED ACCORDING TO ASCE 10-97 STANDARD.
- 10- LOCAL BENDING MOMENT MUST BE CONSIDERED ON TOWER DESIGN ACCORDING TO ASCE 10-97 STANDARD.
- 11- TOWER STEEL MATERIAL INCLUDING ANGLE & PLATE MUST BE SELECTED ACCORDING TO EN 10025-2 STANDARD, GRADES: S275JR & S355JO
- 12- TOWER BOLTS MUST BE CHOOSER ACCORDING TO ISO 898-1 STANDARD, GRADE: 5.8
- 13- ALL TOWER MATERIALS MUST BE HOT DIP GALVANIZED ACCORDING TO BS EN ISO 1461.
- 14- SHIELD PEAK ATTACHMENT MUST BE DESIGNED TO CONNECT BOTH SHIELD WIRE AND OPGW.
- 15- ALL ELECTRICAL CLEARANCES SHOWN FOR INSULATORS COVER 150 mm ARCING HORN.



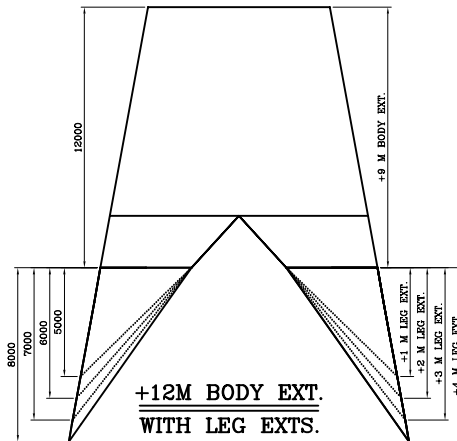
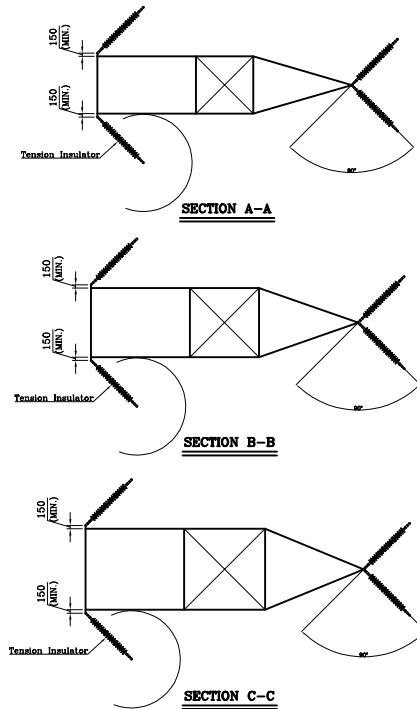
		ORDERED BY: KETRACO KENYA ELECTRICITY TRANSMISSION COMPANY LTD	
PROJECT TITLE KIMUKA 400 kV OHL		ORDERING TITLE SUSPENSION TOWER	
OUTLINE & ELECTRICAL CLEARANCES		REV. 1	
DESIGNED BY: MRP		CHECKED BY: MRP	
DATE: 01/01/2020		DATE: 01/01/2020	
PROJECT NO. 001		FILE NO.: 001	



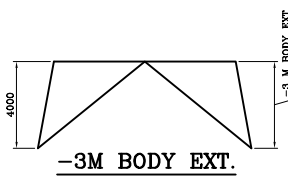
TRANS FACE

**NO BODY EXT. (+0M)
WITH LEG EXTS.**

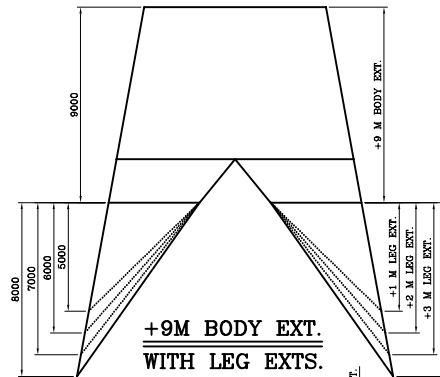
**TYPICAL DRAWINGS FOR
TENDER DOCUMENTS**



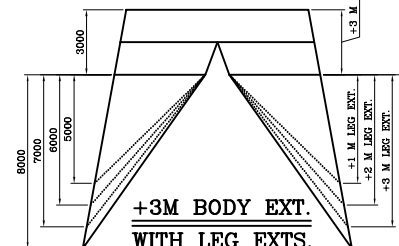
**+12M BODY EXT.
WITH LEG EXTS.**



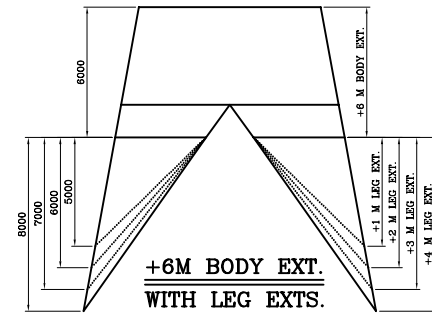
-3M BODY EXT.



**+9M BODY EXT.
WITH LEG EXTS.**



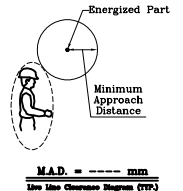
**+3M BODY EXT.
WITH LEG EXTS.**




**+6M BODY EXT.
WITH LEG EXTS.**

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M.A.D. = ---- mm
See also Clearance Diagram (TTP)

		ORDERED BY: KETRACO KENYA ELECTRICITY TRANSMISSION COMPANY LTD	
PROJECT TITLE KIMUKA 400 kV OHL		DESIGNED BY: DESIGNED BY:	
CHECKED BY: CHECKED BY:		DATE: DATE:	
PROJECT NO.: PROJECT NO.:		FILE NO.: FILE NO.:	
TRACER/REVISION LINE		REV.: REV.:	