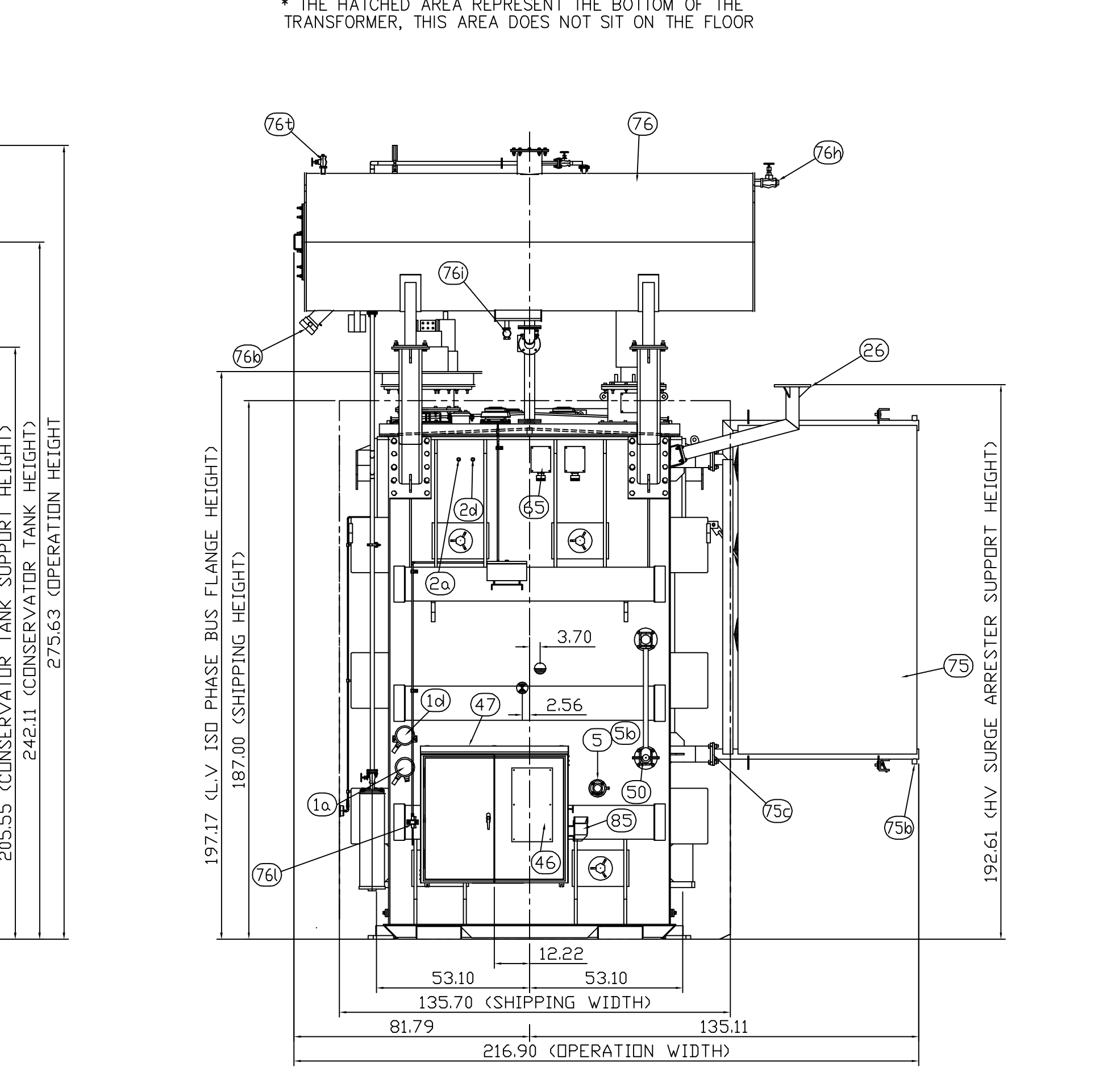
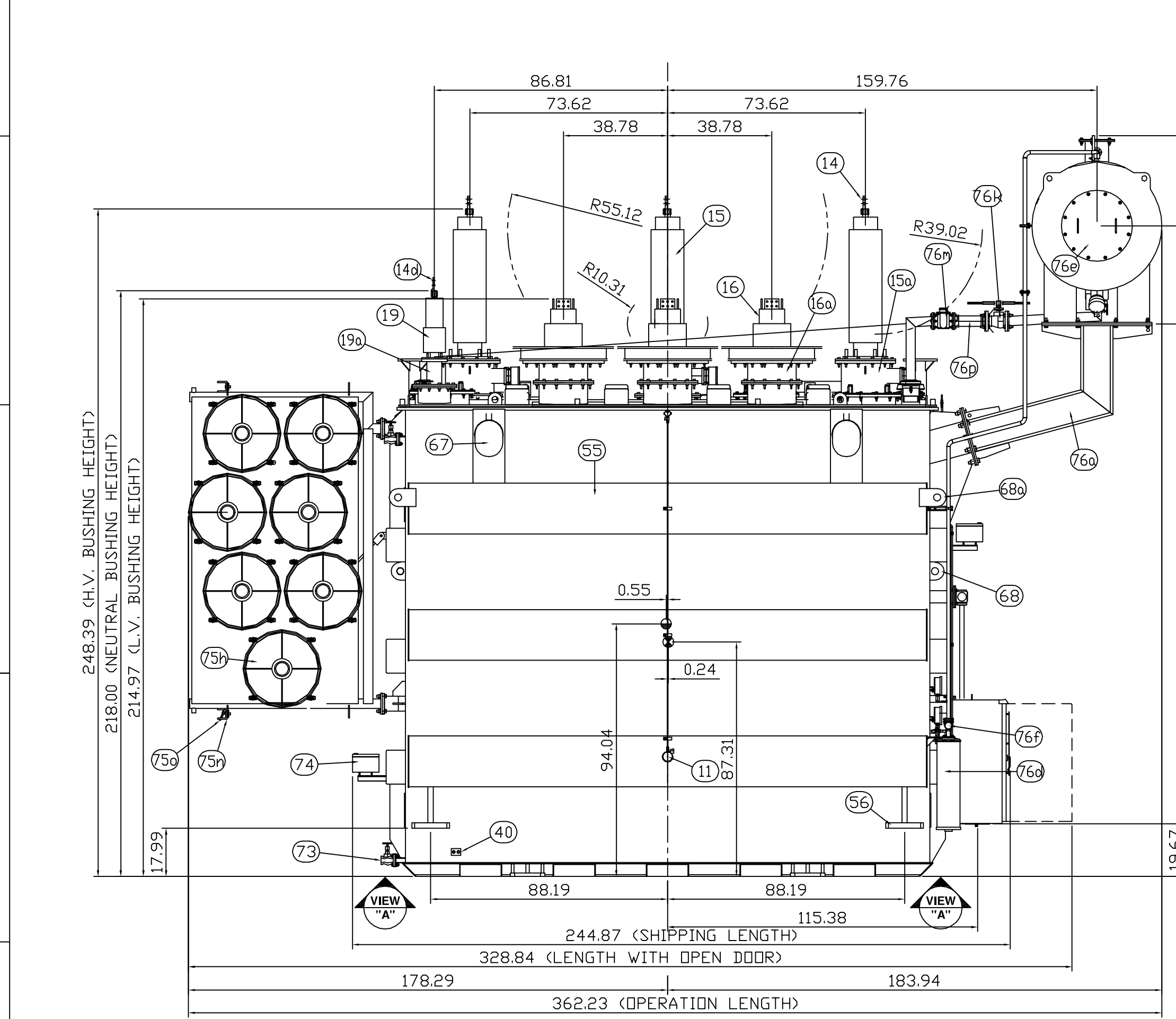


SECTION A - A
* THE HATCHED AREA REPRESENT THE BOTTOM OF THE TRANSFORMER, THIS AREA DOES NOT SIT ON THE FLOOR



GUIDE	QTY.	ITEM	DESCRIPTION	CAT./MOD.
5.1	1	1a	L.V. WINDING TEMPERATURE INDICATOR (49T-1)	MESSKO, MT-ST160WRM/4C/4m
5.1	1	1d	LIQUID TEMPERATURE INDICATOR (26Q-1)	MESSKO, MT-ST160RM/2C/4M
	1	2a	L.V. THERMO-WELL FOR WINDING TEMPERATURE INDICATOR	
5.4	* 2	4	PRESSURE RELIEF DEVICE WITH SEMAPHORE (63PR-1/2)	QUALITROL, LPR00-00008306
5.6	* 1	5	RAPID PRESSURE RELAY (OIL) (63FP-1)	QUALITROL, 900-014-05
	1	5b	RAPID PRESSURE RELAY VALVE (2.00 ø) BALL-TYPE	
	1	11	PRESSURE-VACUUM GAUGE FOR SHIPPING	
5.15	* 3	14	H.V. BUSHING CONNECTOR	DELTA, PM60C12-1-M3-E
5.15	* 1	14d	NEUTRAL BUSHING HO CONNECTOR	DELTA, PM59C12-1-4N4-E
3.2	* 1	15	H.V. BUSHING	ABB, 158W1620AC
3.1/3.3	* 3	15a	H.V. REMOVABLE BUSHING TURRET	
	3	16	L.V. BUSHING	ABB, 025V0750WC
3.1	* 3	16a	L.V. REMOVABLE BUSHING TURRET	
3.2	* 1	19	NEUTRAL BUSHING HO	TRENCH 150-H015-21-AG2-01AXT
3.1	* 1	19a	NEUTRAL REMOVABLE BUSHING HO TURRET	
4.1	* 28	28	H.V. SURGE-ARRESTER SUPPORT	
	40	40	GROUND PAD	
	42	42	CORE GROUND BUSHING TERMINAL BOX (MAIN UNIT)	
	1	43	FRAME GROUND BUSHING BOX	
	1	46	NAMEPLATE	
5.3	1	47	CONTROL CABINET	ABB DTWC 2 DECKS
	1	50	DE-ENERGIZED TAP-CHANGER	
	1	51	REINFORCED BASE WELDED TO TANK	
	4	53	TRANSFORMER ANCHOR PADS	
	12	55	TANK BRACES	
	4	55a	COVER BRACES	
	4	56	JACKING PADS AND PULLING EYES	
	1	57	MAIN COVER	
	3	58	INSPECTION MANHOLE (COVER)	
	5	65	CT TERMINAL BOX	
	4	66	LIFTING EYE COVER ONLY	
	4	67	LIFTING HOOK FOR LIFTING COMPLETE UNIT	
	4	68	SHIPPING LUGS FOR SECURING THE UNIT LONGITUDINALLY (SHORT LUGS)	
	4	68a	SHIPPING LUGS FOR SECURING THE UNIT LONGITUDINALLY (LONG LUGS)	
	1	72c	TOP FILTER PRESS VALVE (2.00 ø) GLOBE-TYPE	
	1	75	MAIN TANK DRAIN VALVE (2.00 ø) GLOBE-TYPE WITH SAMPLING DEVICE (0.38 ø) AND PLUG	
	1	74	IMPACT RECORDER FOR SHIPPING	
1.3	* 8	75	COOLING RADIATORS	
	16	75b	RADIATOR VENT AND DRAIN PLUG (1.00 ø)	
1.1	16	75c	RADIATOR VALVE FLAPPER-TYPE (5.00 ø)	KRENZ, F260-A9714
	19	75h	COOLING FAN	
1.4	* 6	75n	TOP/BOTTOM RADIATOR SUPPORTS	
	1.2	5	RADIATOR BRACE	
2.3	* 1	76	CONSERVATOR TANK WITH INTERNAL BLADDER	
2.1	* 2	76a	CONSERVATOR TANK SUPPORT	
2.2	* 1	76b	CONSERVATOR MAGNETIC LIQUID LEVEL GAUGE (71Q-1)	ORTO 0166-1R/5 Ø1200
	1	76c	HANDLE TO INSTALL BLADDER	
5.8	* 1	76d	SILICA-GEL BREATHER WITH PIPE	PROLEC, RM7
	1	76e	CONSERVATOR MANHOLE	
5.8	* 1	76f	SILICA-GEL SHUT OFF VALVE (1.00 ø) GLOBE-TYPE	
	1	76g	CONSERVATOR PRESSURE EQUALIZATION VALVE (1.00 ø) GLOBE-TYPE	
	1	76h	CONSERVATOR FILL VALVE (2.00 ø) GLOBE-TYPE	
	1	76i	CONSERVATOR DRAIN VALVE (1.00 ø) GLOBE-TYPE	
2.4	* 1	76k	CONSERVATOR TANK TO MAIN TANK VALVE (3.00 ø) BALL-TYPE	
2.5	* 1	76l	GAS SAMPLING DEVICE	
2.4	* 1	76m	PROTECTIVE RELAY BUCHHOLZ (63BH-1)	EMB 53-28-44-0311
2.4	* 1	76p	EXPANSION JOINT FOR BUCHHOLZ PIPING	
	1	76t	VENT VALVE (1.00 ø) GLOBE-TYPE	
	3	82a	L.V. ISO-PHASE BUS FLANGE	
	1	85	CONTROL TRANSFORMER	

EPS Inventory # T1022

APPROXIMATE WEIGHTS (POUNDS)	
CORE AND COILS	201170
TANK AND FITTINGS	73440
MAIN TANK LIQUID (10143 GALS)	76175
COOLING EQUIPMENT LIQUID (730 GALS)	5485
CONSERVATOR TANK LIQUID (406 GALS)	3050
TOTAL WEIGHT	359320
UNTANKING WEIGHT (HEAVIEST PIECE)	201170
SHIPPING WEIGHT (WITHOUT OIL)	245095

ENERGY PARTS SOLUTIONS
 PO # : P1016-692
 GE Req # : 420-JB003
 Prolec GE Serial : G2547 03

PROLEC
 ENGINEERING DEPARTMENT

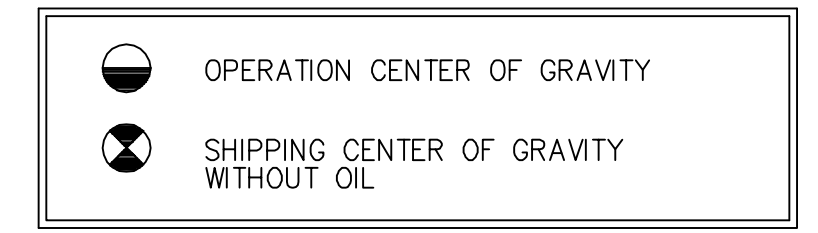
TRANSFORMER
 ONAN/ONAF/ONAF, 132/176/220 MVA
 60 HZ THREE PHASE, 65°C, 3300 FASL
 115/66.39 KV Δ - 18 KV Δ

NOTES:

a) ITEMS REMOVED FOR SHIPMENT ARE MARKED WITH (*).

b) NUMBERING IS ACCORDING WITH G.E. PROLEC STD. LIST.

c) THE NUMBER IN COLUMN "GUIDE" CORRESPONDS TO THE "IN-FIELD ASSEMBLY GUIDE"



TOLERANCES	
Centerline distance of not inclined bushings	±.25
Centerline distance of inclined bushings	+1.00
Bushings height (distance to floor)	±.50
Outlet of control cabinet distance	+1.25
Hv & Lv bushings center line	±.25
Bushings & surge arrester center line	±.25
Surge arrester height (distance to floor)	±.50
Center tank distance to short side	±.50
Center tank distance to large side	±.50
Conservator height	±.50
Anchoring center line	±.12
Bracing base center line	±.12
Pattern distance	+1.00
	-1.18
Outline	0-118.00
Dimensions	118.00-197.00
	197.00 & Above
	±2.00

PROLEC THIS DRAWING CONTAINS PROPRIETARY INFORMATION WHICH CAN NOT BE REPRODUCED WITHOUT PERMISSION OF PROLEC GE.

PROLEC GE ENGINEERING POWER DIVISION
<http://www.prolecge.com>

TITLE: **TRANSFORMER'S OUTLINE**

PROJECTION:

SCALE: 1:
 DIMENSIONS: IN
 REVISION: INDICATED

DFTM: JFTF
 04/01/14
 CHKD: ROM
 04/01/14

DRAWING NO.: **G254703D801**
 sheet: 1 of 1