

ITEM	MARK	TYPE	DRG. N°	N° OFF
132 kV COLS.	C54, C59 TO C62, C67 TO C69, C72 TO C75	132/C	0.54/336	20
	C50 TO C53, C55 TO C58, C63 TO C66, C70 & C71			14
132 kV BEAMS	B42, B43, B45, B46, B50 TO B53, B59	132/50/1	7.18/4049	4
	B44, B47, B49, B55 TO B58, B61	132/50/1	0.54/336	5
	B48, B54, B60 B62 TO B67	132/40/1	0.54/337	8
132 kV E/WIRE SUPPORTS	C50 TO C53, C65 TO C66, C70, C71		7.18/4049	10
	C54, C59 TO C62, C67, C72 TO C75	EW	0.54/336	17
88 kV COLS.	C40 TO C43, C45 TO C48, C51 TO C54, C56 TO C59, C61, C62, C64, C65, C68	88 L	7.18/4046	28
	C47 TO C49, C50 TO C53, C55 TO C58, C63 TO C66, C70 & C71	88 H	7.18/6574	14
	C51, C52, C61, C62, C63, C64, C65, C68	88 H	7.18/7909	7
88 kV BEAMS	B38, B39, B41, B17 TO B19, B31, B32, B39, B39	88/40/1	7.18/6574	10
	B1, B2, B7, B5, B20, B21, B28 TO B30, B41	88/28/1	7.18/7909	10
	B12 TO B16, B33 TO B37, B3 TO B6, B22 TO B27, B40	88/40/1	7.18/4046	11
88 kV E/WIRE SUPPORTS	C40 TO C43, C45, C48, C51, C52, C61, C62, C64, C65, C68, C69, C70, C71, C72, C73, C74, C75	EW B	7.18/6574	16

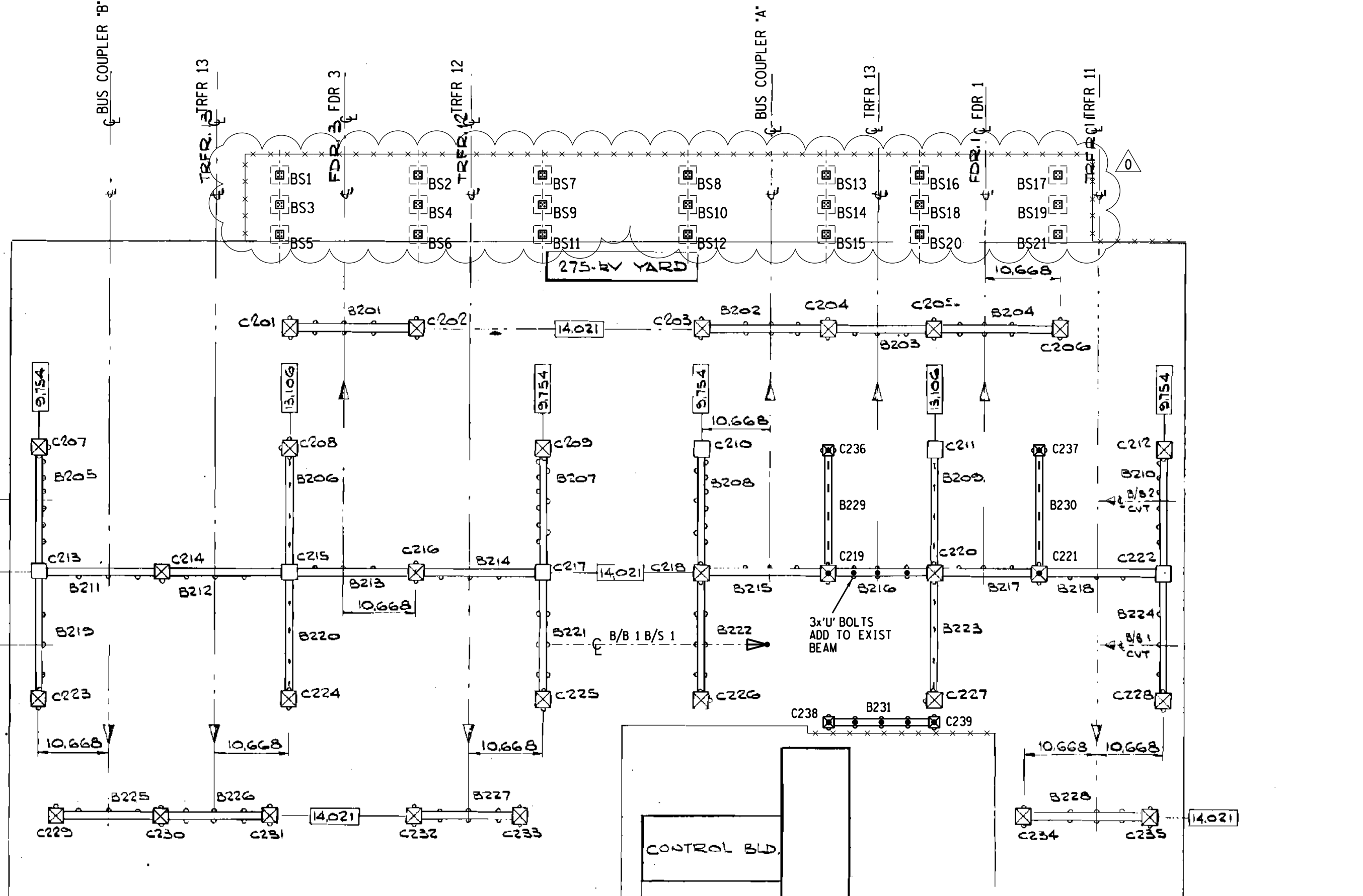
ITEM	MARK	TYPE	DRG. N°	N° OFF
COLUMN	C144 - C146	88/H	0.54/330	3
BEAM	B143 - B144	88/40/1	330	2
EARTH WIRE SUPPORT	B145 - B146	88/34/1	331	2
'U' BOLTS	C144 - C146	EWB	0.54/330	25

ITEM	DRG. N°	N° OFF	REMARKS
CIRCUIT BREAKER	7.18/14694	2	
ISOLATOR SUPP.	0.54/520	3	
SMALL EQUIPMENT SUPP.	7.18/12443	12	
MEDIUM EQUIPMENT SUPP.	0.54/302	13	
132 kV S.A. SUPPORT	7.18/4130	3	
88 kV S.A. SUPPORT	7.18/12667	3	
CAPS	7.18/16924	3	
	7.18/16934	1	
	0.54/306	12	

ITEM	DRG. N°	N° OFF	REMARKS
CIRCUIT BREAKER	7.18/11938	3	
ISOLATOR SUPP.	7.18/16713	1	
ISOLATOR SUPP.	0.54/523	2	
ISOLATOR SUPP.	0.54/1629	1	
ISOLATOR SUPP.	0.54/2315	1	
ISOLATOR SUPP.	7.18/7913	4	
ISOLATOR SUPP.	7.18/16713	2	
ISOLATOR SUPP.	0.54/482	11	
ISOLATOR SUPP.	7.18/11359	3	
ISOLATOR SUPP.	7.18/12443	3	
ISOLATOR SUPP.	7.18/16500	7	
ISOLATOR SUPP.	0.54/302	13	
ISOLATOR SUPP.	7.18/14693	3	
ISOLATOR SUPP.	7.18/16934	4	
ISOLATOR SUPP.	0.54/306	12	
ISOLATOR SUPP.	0.54/305	1	

ITEM	MARK	TYPE	DRG. N°	N° OFF
COLUMN	C101 - C143	88/H	330/331	43
BEAM	B108, B109, B115, B125	88/40/2	330/331	6
	B110 - B114, B131 - B135	B/S SUPP.	88/40/1	10
	B108 - B107, B118 - B121, B128, B137, B138	88/40/1C	332	16
	B101, B102, B116, B122, B123, B130 - B142	88/28/2	330/331	3
E/W SUPPORT	C101 - C119, C121, C123, C125, C127, C130, C143	ENB	330/331	1
'U' BOLTS			330	226

ITEM	MARK	TYPE	DRG. N°	N° OFF
COLUMN	C201, C202, C203, C204, C205, C211, C224, C227, C232, C233, C235	LIGHT	343	14
BEAM	C204, C205, C207, C208, C210, C212, C213, C222, C232, C233, C234, C235	HEAVY	342	21
	B205, B207, B208, B210, B219, B221, B222, B224, B206, B209, B220, B223	B/S STRAIN	344	8
	B210, B221, B222, B224, B206, B209, B220, B223	B/S SUPP.	343	4
	B201, B202, B204, B211 - B215, B218, B228	STRANKE	346	10
	B203, B216, B217, B218, B227	STRANKE	347	9
E/W SUPPORT	C201 - C205, C212, C214, C216, C218 - C221, C223 - C235	LONG	342/343	23
'U' BOLTS		SHORT	344	163



ITEM	MARK	TYPE	DRG. N°	N° OFF	REMARKS
BEAM	B 62	88/28/1	7.18/6574	1	ORDERED BY REGION.
'U' BOLTS			7.18/7909	3	

ITEM	DRG. N°	N° OFF	REMARKS
CIRCUIT BREAKER	2500A	2686	2
ISOLATOR SUPP.	2686	1	
EARTH SWITCH SUPP.	2686	3	SEE NOTE 4
MEDIUM EQUIPMENT SUPP.	302	3	25 HIGH
MEDIUM EQUIPMENT SUPP.	302	3	25 HIGH
CAPS	CT	306	27
	SA	306	27
	VT	306	27
ISOLATOR ADAPTOR	3063	6	

ITEM	DRG. N°	N° OFF	REMARKS
CAPS	CT	306	27
	SA	306	27
	VT	306	27

ITEM	DRG. N°	N° OFF	REMARKS
CIRCUIT BREAKER	1542	1	
ISOLATOR SUPP.	482	3	
MED. EQUIP. SUPP.	302	6	ORDERED BY REGION
CAPS:	CT	306	3
	SA	306	3

ITEM	DRG. N°	N° OFF	REMARKS
CIRCUIT BREAKER	2500A	2686	2
ISOLATOR SUPP.	2686	1	
EARTH SWITCH SUPP.	2686	3	SEE NOTE 4
MEDIUM EQUIPMENT SUPP.	302	3	25 HIGH
MEDIUM EQUIPMENT SUPP.	302	3	25 HIGH
CAPS	CT	306	27
	SA	306	27
	VT	306	27
ISOLATOR ADAPTOR	3063	6	
LABEL SUPP.	400	6	
L.M.U. BRACKET	673	3	
AUX TRFR	2686	2	

ITEM	DRG. N°	N° OFF	REMARKS
CIRCUIT BREAKER (S&S)	2825	1	FOR EQUIP. LAYOUT SEE DRG. N° 018/14126 SHEET 5

ITEM	DRG. N°	N° OFF	REMARKS
MEDIUM EQUIPMENT SUPPORT	302	3	FOR EQUIP. LAYOUT SEE DRG. N° 018/14126 SHEET 5
MEDIUM EQUIPMENT SUPPORT CAP	306	3	FOR EQUIP. LAYOUT SEE DRG. N° 018/14126 SHEET 5
ISOLATOR BRACKET	4728	1	

ITEM	DRG. N°	N° OFF	REMARKS
CIRCUIT BREAKER	0.54/2315	1	TO BE ORDERED BY REGION
ISOLATOR SUPP.	0.54/464	2	TO BE ORDERED BY REGION
MEDIUM EQUIPMENT SUPP.	0.54/302	6	TO BE ORDERED BY REGION
CAPS (S.A. H.C.T.)	0.54/306	6	TO BE ORDERED BY REGION

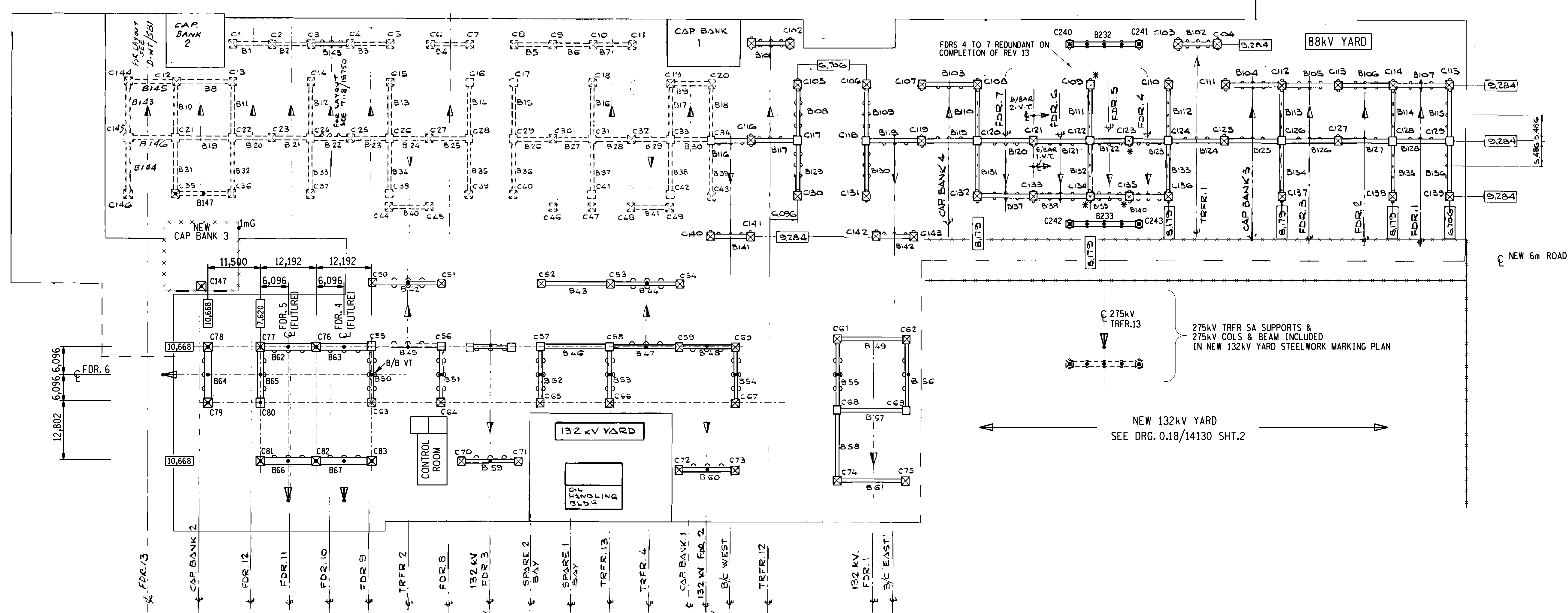
ITEM	DRG. N°	N° OFF	REMARKS
CIRCUIT BREAKER	0.54/3070	1	TO BE ORDERED BY REGION
ISOLATOR SUPP.	0.54/482	3	TO BE ORDERED BY REGION
MEDIUM EQUIPMENT SUPP.	0.54/302	6	TO BE ORDERED BY REGION
CAPS (S.A. H.C.T.)	0.54/306	6	TO BE ORDERED BY REGION

- NOTES
- INDICATES EARTH WIRE SUPPORT
 - INDICATES 'U' BOLT POSITION
 - INDICATES HEIGHT OF BEAM & ABOVE FOUND LEVEL
 - EQUIPMENT SUPPORTS INDICATED AS BEING GROUPED SHALL BE ALIGNED PLUMBED SQUARED AND LEVELLED TO AN ACCURACY OF 1mm (CLASS 'A' TOLERANCE)
 - SUPPORTS NOT GROUPED SHALL BE ALIGNED PLUMBED SQUARED AND LEVELLED TO AN ACCURACY OF 10mm (CLASS 'B' TOLERANCE)
 - ARROW ON BAY & THIS INDICATES ORIENTATION OF EQUIPMENT WHEN LINED UP WITH SIMILAR ARROW IN BAY LAYOUT SCHEDULE
 - 88 kV YARD EARTH WIRE SUPPORTS C109, C123, C134 & C135 TO BE REMOVED TO ENSURE ELECTRICAL CLEARANCE TO NEW TRFR 13 OVERHEAD STRINGERS.

ITEM	DRG. N°	No OFF	REMARKS
CB SUPPORT	309	3	
CB SUPPORT CAP	311	3	
ISOLATOR SUPPORT	302	18	
ISOLATOR SUPPORT	306	18	
CROSS BEAM	306	12	
ISOLATOR PG SUPPORT	301	6	
ISOLATOR PG SUPPORT CAP	306	6	
MED EQUIP SUPP.	302	9	
MED EQUIP SUPP CAP	307	6	
LABEL SUPPORT	400	1	
LABEL SUPPORT	6603	3	
LABEL SUPPORT	673	3	
MED EQUIP SUPP CAP	311	3	
FIRE BARRIER	4160	3	
FIRE BARRIER (MOD)	5866	2	
FIRE BARRIER (MOD)		2	

ITEM	DRG. N°	No OFF	REMARKS
CB SUPPORT	301	9	
CB SUPPORT CAP	307	9	
ISOLATOR SUPPORT	302	62	
ISOLATOR SUPPORT CAP	10102	31	
MED EQUIP SUPP.	302	6	
MED EQUIP SUPP CAP	306	6	

ITEM	DRG. N°	No OFF	REMARKS
CB SUPPORT	301	3	
CB SUPPORT CAP	307	3	
PG ISOLATOR SUPPORT	302	2	
PG ISOLATOR SUPPORT CAP	306	2	
MED EQUIP SUPP.	309	3	
MED EQUIP SUPP CAP	306	3	
MED EQUIP SUPP CAP	303	6	
MED EQUIP SUPP CAP	3512 SHT 1	6	



ITEM	DRG. N°	No OFF	REMARKS
CIRCUIT BREAKER	8033	3	
ISOLATOR	8411	5	
PG ISOLATOR	7665	3	
EARTH SWITCH	7667	1	
MED EQUIP SUPP (2500mm HIGH)	302	27	
	CT	307	9
	SA	306	3
	PI	779	15
	CVT	307	3
LABEL SUPPORT	400	6	
'J' LABEL BRACKET	1794	36	
'J' LABEL BRACKET	403	35	
LABEL FRAME	1790	4	
LMU BRACKET	673	3	
SA EARTH STRAP BRACKET	6603	3	
SA CAP	6326	3	
SA SUPPORT	4707	3	

ITEM	MARK	DRG. N°	N° OFF	REMARKS
BUSBAR SUPPORT	B51 - B521	21	4160	FOR LAYOUT REFER TO DRG. WAT16P02-SE-13

ITEM	DRG. N°	No OFF	REMARKS
CIRCUIT BREAKER	6934	1	
ISOLATOR	7682	2	
EARTH SWITCH	8400	1	
MED EQUIP SUPP (2500mm HIGH)	302	3	
MED EQUIP SUPP CAP	CT	306	3
LABEL SUPPORT	400	1	
'J' LABEL BRACKET	1794	9	
'J' LABEL BRACKET	403	5	

ITEM	MARK	TYPE	DRG. N°	No OFF	REMARKS
COLUMN	C236 TO C243	HCI (HEAVY)	342	8	
E/WIRE SUPP.	C238 TO C243		342	6	
	B229 & B230	B/S SUSP.	345	2	
BEAM	B231 TO B233	15240 STR STRAIN - 18N	348	3	C236 TO C239 & B229 TO B231 LOCATED IN EXIST 275 kV YARD
	STRAIN BM'S & E/W SUPPTS	SHORT	342	27	C240 TO C243 & B232 TO B233 LOCATED IN EXIST 88 kV YARD
'U' BOLTS	UNDERSIDE (SUSP) B229 TO B233	LONG	345	6	

ITEM	DRG. N°	No OFF	REMARKS
CIRCUIT BREAKER	3897	1	
ISOLATOR	464	2	
MEDIUM EQUIP. SUPPORT (SA & CT)	302	6	
MED. EQUIP. SUPPORT CAPS (SA & CT)	306	6	

DETAIL DESIGN
NOT FOR CONSTRUCTION
ORIGINAL DWG #: 0.18/14130 REV 13
CONCEPT DWG #: N/A

0	88 kV, 132 kV & 275 kV YARD EQUIPMENT STEELWORK SCHEDULE ADDED.	016	BAY SCHEDULE
REV	REVISION DESCRIPTION	07	KEY PLAN
APPROVED BY		DATE	30/06/2023
CHECKED BY		DATE	
DRAWN BY		DATE	
SCALE	1:500	SHEET NUMBER	0
		REVISION	0

WATERSHED
STEELWORK MARKING PLAN
Eskom Holdings SOC Ltd
REG No 2002/015527/30