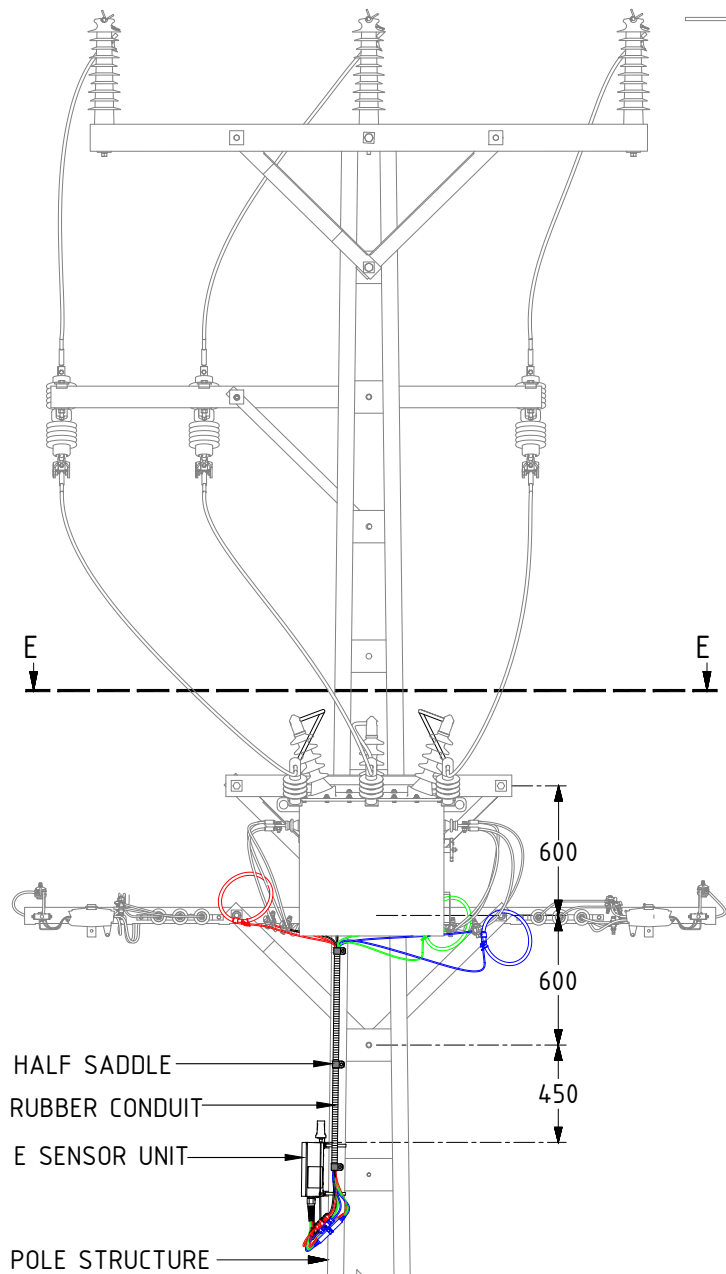
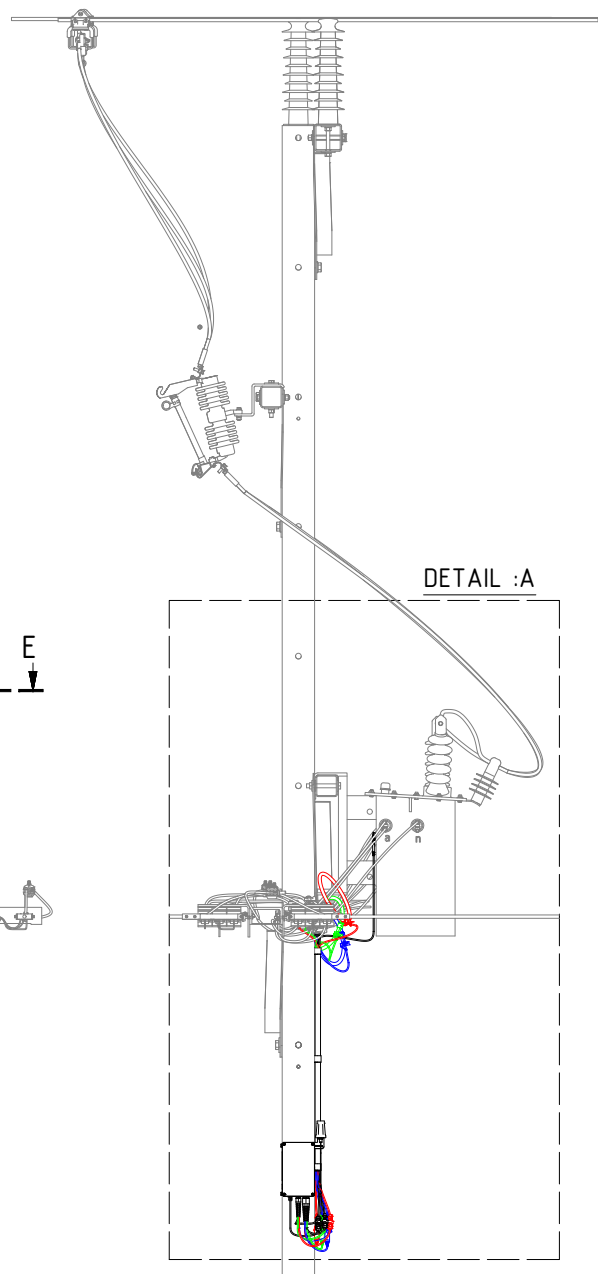


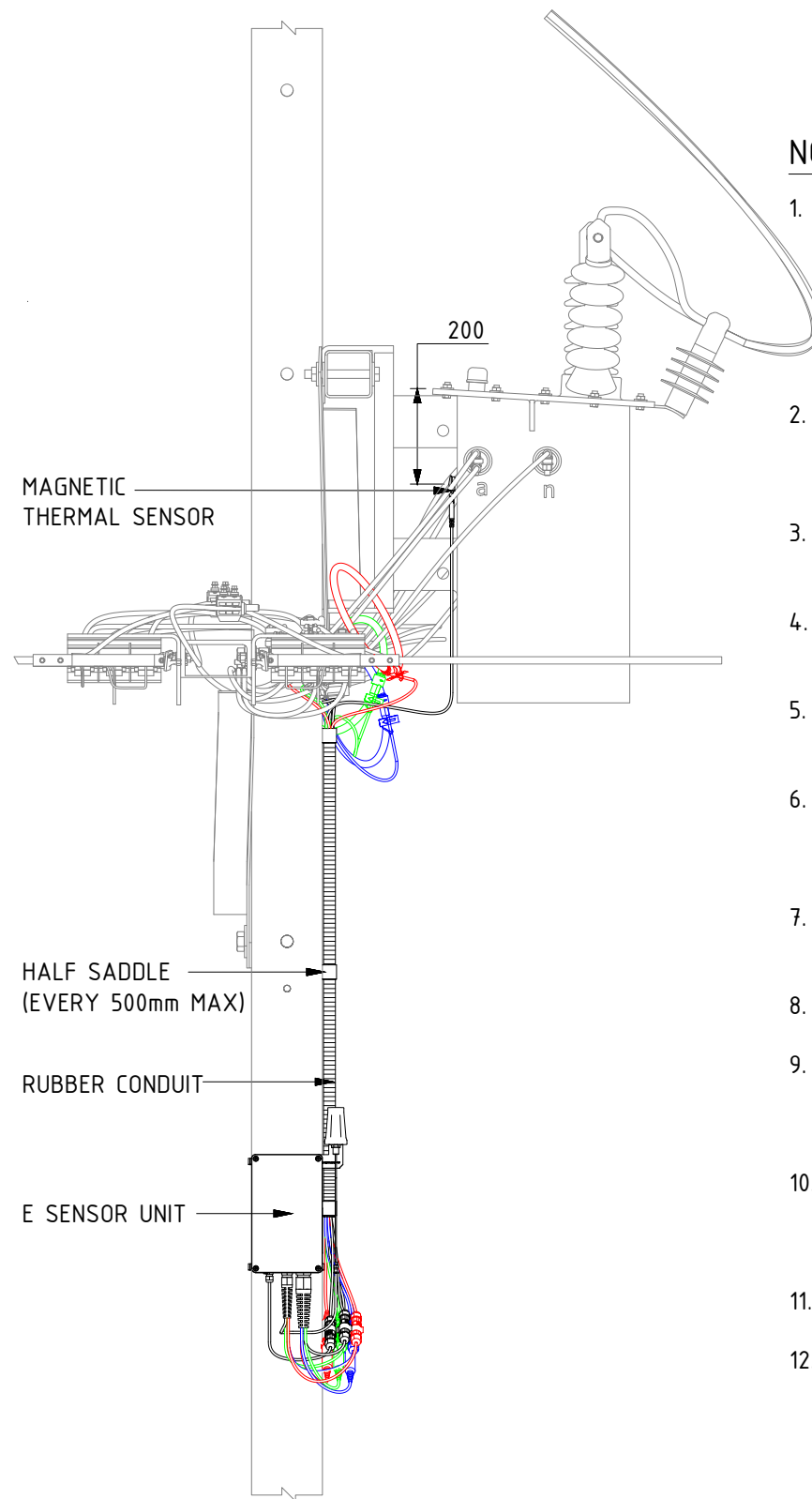
SECTION : E-E  
SCALE- 1 : 35



FRONT ELEVATION  
SCALE - 1:35




SIDE ELEVATION  
SCALE- 1:35



DETAIL : A  
( MAGNETIC THERMAL SENSOR)  
SCALE- 1:15

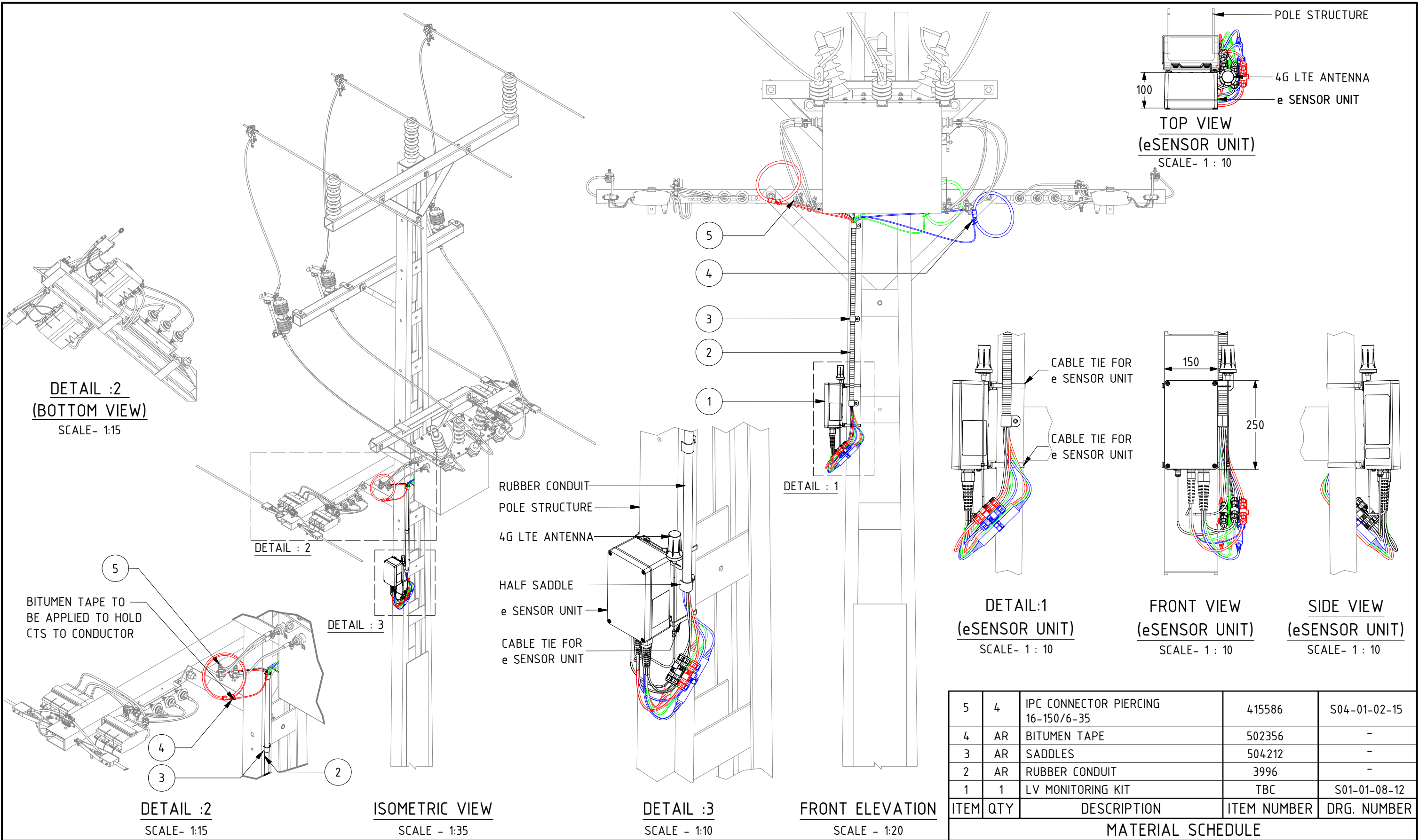
**NOTES:**

1. EXAMPLE INSTALLATION SHOWN IS FOR LATEST TRANSFORMER SUBSTATION ARRANGEMENT. THE INSTALLATION DESIGN SHALL BE ADAPTED AS REQUIRED TO SUIT LEGACY STANDARD INSTALLATION ARRANGEMENTS. REFER TO PWC WORK INSTRUCTION W1025 & MANUFACTURERS INSTALLATION DOCUMENTATION FOR DETAILS.
2. EXAMPLE INSTALLATION IS FOR QUAD CIRCUIT ARRANGEMENT. FOR SINGLE & TWIN CIRCUIT, DESIGN MAYBE SCALED BACK FOR INSTALLATION PURPOSES
3. THIS ARRANGEMENT SUITS BOLTED, NON-BOLTED AND I BEAM POLE TYPES.
4. PRIORITY MUST BE GIVEN TO THE MINIMUM CLEARANCE BETWEEN THE TOP OF THE ANTENNA AND LV CROSSARM, MINIMUM 1000mm.
5. ALL EQUIPMENT TO BE INSTALLED ABOVE EXISTING ANTI-CLIMBING PLATE AS SHOWN.
6. ALL ANTENNA AND ASSOCIATED ELECTRICAL EQUIPMENT TO BE MOUNTED TO WITHSTAND CYCLONIC WIND LOADS IN ACCORDANCE WITH AUSTRALIAN STANDARDS.
7. NO WELDED FIXING PERMITTED. FIXINGS AND MOUNTING TO BE ACHIEVED BY THE DESIGN.
8. ALL EQUIPMENT SHALL BE DOUBLE INSULATED.
9. ALL PERSONNEL WORKING ON THESE STRUCTURE SHALL BE AUTHORISED AND ACCREDITED WITH ALL THE APPROPRIATE TRAINING AND PERMITS.
10. CONTRACTOR SHALL MAKE THEMSELVES AWARE OF ALL SITE CONDITIONS AND SAFETY REQUIREMENTS PRIOR TO COMMENCING WORK ON SITE.
11. BITUMEN TAPE TO BE APPLIED TO ATTACH CT'S TO CONDUCTOR.
12. THE INSTALLER IS REQUIRED TO POSITION THE EDGE DEVICE AT LEAST 600mm BELOW THE CROSS ARM. IF THIS IS NOT FEASIBLE DUE TO SITE CONSTRAINTS, THE DEVICE SHOULD BE MOUNTED AS FAR BELOW THE CROSS ARM AS PRACTICALLY POSSIBLE.
13. VOLTAGE AND CURRENT SENSING CABLES SHALL BE INSTALLED WITHIN CONDUIT UNDER THE CROSSARM AND ON THE POLE. THE CONDUIT MAY BE SPLIT TO ALLOW INSTALLATION OF CABLES AS REQUIRED.

		 NORTHERN TERRITORY			
0	ISSUED FOR CONSTRUCTION	P.G.	FEB'25	B.B.	B.V.
NO	DESCRIPTION	DRN	DATE	CKD	APPD
AMENDMENTS					

DES	R.AHMED	POWER STANDARD DRAWING			
DRN	P.GUNA	ASSEMBLIES, SUB STATION, ABC WIRE LV MONITORING AND TELEMETRY INSTALLATION			
CKD	B.BAYRAM				
APPD	B.VANDERSTELT	SHEET 1 OF 3			
SCALE	AS SHOWN	A3	DRAWING NUMBER	S04-02-01-33_1	
ISSUED	FEB'25				
ALL DIM. IN mm					
DRAFTING STANDARD TO A.S.1100			CAD PRODUCT - DO NOT AMEND MANUALLY		





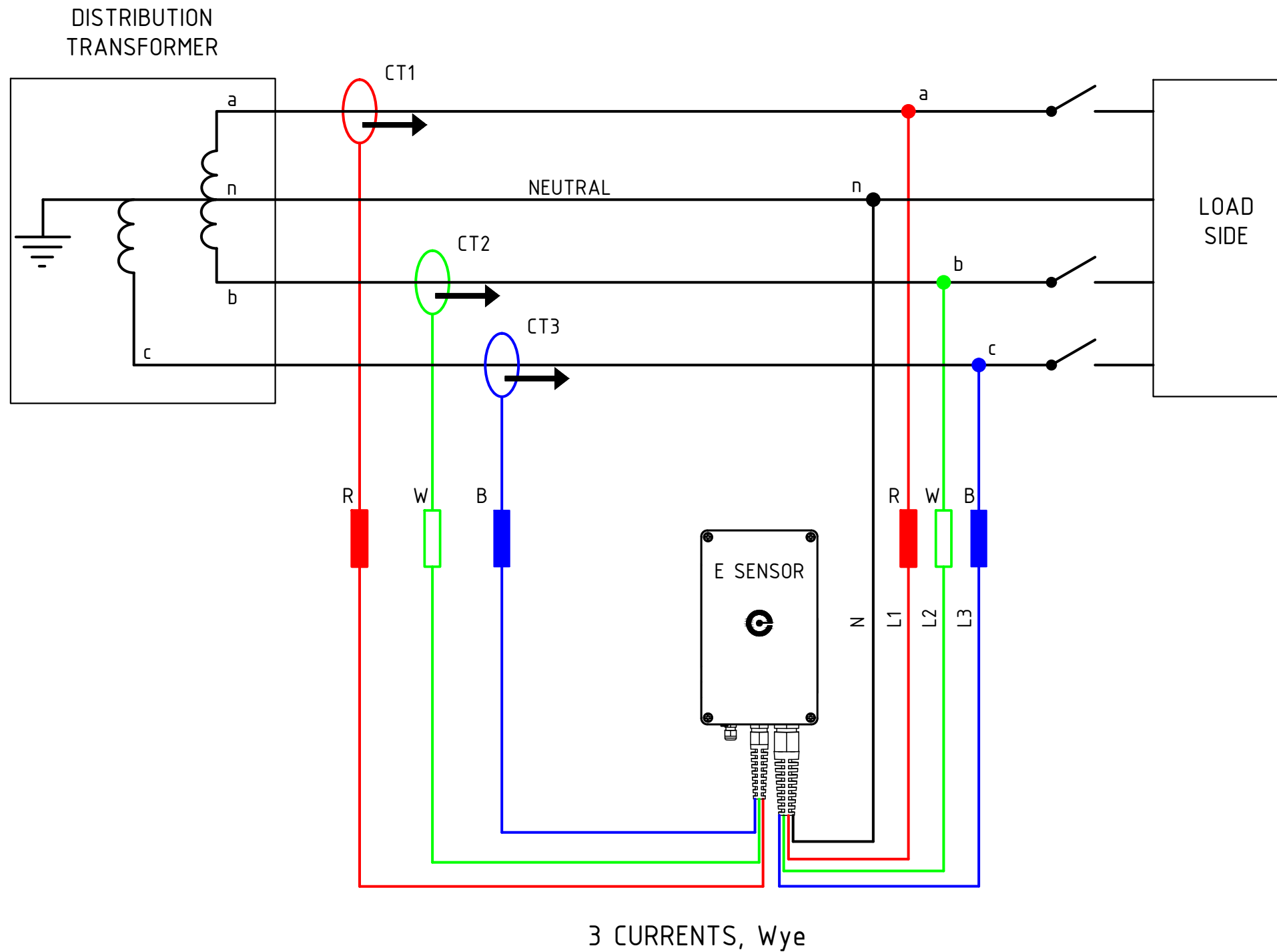
ITEM	QTY	DESCRIPTION	ITEM NUMBER	DRG. NUMBER
5	4	IPC CONNECTOR PIERCING 16-150/6-35	415586	S04-01-02-15
4	AR	BITUMEN TAPE	502356	-
3	AR	SADDLES	504212	-
2	AR	RUBBER CONDUIT	3996	-
1	1	LV MONITORING KIT	TBC	S01-01-08-12

MATERIAL SCHEDULE				
DES	R.AHMED	POWER STANDARD DRAWING		
DRN	P.GUNA	ASSEMBLIES, SUB STATION,		
CKD	B.BAYRAM	ABC WIRE LV MONITORING AND		
APPD	B.VANDERSTELT	TELEMETRY INSTALLATION		
SCALE	AS SHOWN	SHEET 2 OF 3		
ISSUED	FEB'25	A3	DRAWING NUMBER	S04-02-01-33_2
ALL DIM.	IN mm			
DRAFTING STANDARD TO A.S.1100		CAD PRODUCT - DO NOT AMEND MANUALLY		AMDT

NO	DESCRIPTION	P.G.	DATE	B.B.	APPD
0	ISSUED FOR CONSTRUCTION	P.G.	FEB'25	B.B.	B.V.
	AMENDMENTS	DRN	DATE	CKD	APPD



# 3PH, 4WIRE, CONFIGURATION



## NOTES :

1. SCHEMATIC SHOWS ARRANGEMENTS FOR SINGLE ABC CIRCUIT

## THE CT SPECIAL INSTALLATION INSTRUCTIONS ARE AS FOLLOWS :

1. PRESS THE LOCKING CLIP AND PULL THE CT PLASTIC END CAP OUT OF THE SOCKET AND WRAP THE CT AROUND THE TRANSFORMER LOW VOLTAGE CONDUCTOR. (FIGURE 10)
2. WHILE PRESSING DOWN THE LOCKING CLIP, FULLY INSERT THE CT PLASTIC END CAP BACK TO THE SOCKET AND RELEASE THE LOCKING CLIP.
3. SECURE THE CT CABLE TO THE LOW VOLTAGE CONDUCTOR WITH THE SUPPLIED STAINLESS STEEL CABLE TIE.
4. ENSURE THAT BOTH THE CT LOCKING CLIPS ARE ENGAGED AROUND THE RIM OF THE CT END CAP.

0	ISSUED FOR CONSTRUCTION	P.G.	FEB'25	B.B.	B.V.
NO	DESCRIPTION	DRN	DATE	CKD	APPD
AMENDMENTS					



DES	R.AHMED	POWER STANDARD DRAWING			
DRN	P.GUNA	ASSEMBLIES, SUB STATION,			
CKD	B.BAYRAM	ABC WIRE LV MONITORING AND			
APPD	B.VANDERSTELT	TELEMETRY INSTALLATION			
SCALE	NTS	SHEET 3 OF 3			
ISSUED	FEB'25	A3	DRAWING NUMBER	S04-02-01-33_3	0
ALL DIM.	IN mm				
DRAFTING STANDARD TO A.S.1100			CAD PRODUCT - DO NOT AMEND MANUALLY		AMDT