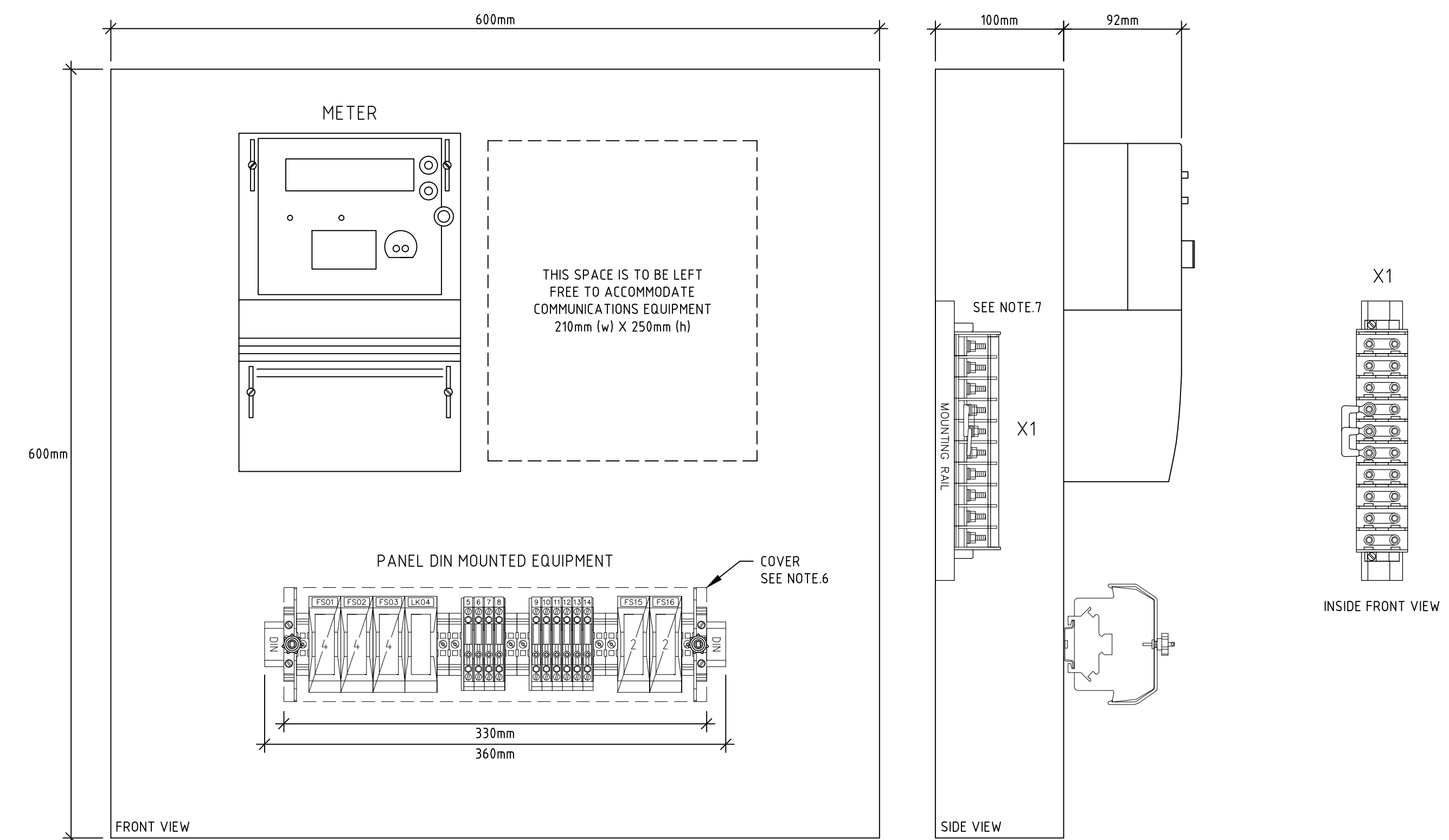


PANEL LAYOUT - SCALE 1:2.6
SEE NOTE 6 & 7



- NOTES:**
1. ALL PANELS, CABLING, AND EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE HIGH VOLTAGE METERING REQUIREMENTS SETOUT IN THE ELECTRICAL SUPPLY STANDARD ES3.
 2. ALL CT RATIOS SHALL BE BROUGHT OUT AND TERMINATED WITHIN THE MARSHALLING BOX.
 3. ALL FUSES AND LINKS CONTAINED WITHIN THE MARSHALLING BOX/S SHALL BE NUMBERED AND LABELLED APPROPRIATELY. A CORRESPONDING LEDGER WITH EACH ITEMS FUNCTION IS TO LAMINATED AND ATTACHED TO THE MARSHALLING BOX DOOR.
 4. THE AC FUSE/TEST LINK/TERMINATIONS FUNCTION TABLE OR EQUIVALENT IS TO BE PRINTED OUT, LAMINATED AND APPROPRIATELY ATTACHED TO THE REAR OF THE PANELS ENCLOSURE ACCESS DOOR OR LID, OR ON THE PANEL ITSELF IF AN ENCLOSURE IS NOT USED.
 5. PART NUMBERS QUOTED IN THIS DOCUMENT REFER TO COMMONLY USED EQUIPMENT AND SHOULD BE USED AS A GUIDE. ALL PARTS CAN BE OF THE SAME TYPE OR EQUIVALENT.
 6. DIN MOUNTED EQUIPMENT COVER - ALL LINKS AND FUSES AT THIS TEST POINT MUST HAVE A SEALABLE COVER THAT WHEN IN POSITION NO CONDUCTOR IS EXPOSED AND HAS THE FACILITY TO BE APPROPRIATELY SEALED BY THE APPROVED METER PROVIDER. WHEN THE METERING IS INSTALLED OUTSIDE IN ENVIRONMENTS WITH HIGH LEVELS OF AIR BOURNE PARTICLES SUCH AS; COAL DUST ETC., THE PANEL ENCLOSURE SHALL BE RATED TO A MINIMUM OF IP55 TO PREVENT THE INGRESS OF SUCH MATER.
 7. THE INCOMING CT AND VT TERMINATIONS (X1) SHALL HAVE A COVER THAT PREVENTS CONTACT WITH LIVE EXPOSED CONDUCTORS AND SEPARATELY SEALED TO PREVENT UNAUTHORISED ACCESS.
 8. THE PRIMARY CIRCUIT OF THE METERING VT MUST BE PROTECTED BY A HIGH SPEED PROTECTION DEVICE. CONSIDERATION SHOULD BE GIVEN TO INSTALLATION OF A PRIMARY PROTECTION DEVICE FOR THE VT EVEN WHEN THE VT IS INSTALLED WITHIN A HIGH SPEED PROTECTION ZONE, THIS MAY PREVENT INTERRUPTION OF CUSTOMER SUPPLY IN THE CASE OF A VT FAILURE.

NOTE 4

ITEM	RATING	ITEM FUNCTION	MAKE	TYPE
FS01	4A	METER 110V VT POTENTIAL FUSE - REDØ	ALSTOM	SAFECLIP SC20H BLACK
FS02	4A	METER 110V VT POTENTIAL FUSE - WHITEØ	ALSTOM	SAFECLIP SC20H BLACK
FS03	4A	METER 110V VT POTENTIAL FUSE - BLUEØ	ALSTOM	SAFECLIP SC20H BLACK
LK04	LINK	METER 110V VT POTENTIAL LINK - NEUTRAL	ALSTOM	SAFECLIP SC20HWH WHITE
LK05	-	METER POTENTIAL TEST LINK - REDØ	PHOENIX	URTK/S
LK06	-	METER POTENTIAL TEST LINK - WHITEØ	PHOENIX	URTK/S
LK07	-	METER POTENTIAL TEST LINK - BLUEØ	PHOENIX	URTK/S
LK08	-	METER POTENTIAL TEST LINK - NEUTRAL	PHOENIX	URTK/S
LK09	-	METER CURRENT TEST LINK - REDØ POLARITY	PHOENIX	URTK/S
LK10	-	METER CURRENT TEST LINK - REDØ NON POLARITY	PHOENIX	URTK/S
LK11	-	METER CURRENT TEST LINK - WHITEØ POLARITY	PHOENIX	URTK/S
LK12	-	METER CURRENT TEST LINK - WHITEØ NON POLARITY	PHOENIX	URTK/S
LK13	-	METER CURRENT TEST LINK - BLUEØ POLARITY	PHOENIX	URTK/S
LK14	-	METER CURRENT TEST LINK - BLUEØ NON POLARITY	PHOENIX	URTK/S
FS15	2A	COMMUNICATIONS 110V POTENTIAL FUSE	ALSTOM	SAFECLIP SC20H BLACK
FS16	2A	COMMUNICATIONS 110V POTENTIAL FUSE	ALSTOM	SAFECLIP SC20H BLACK
X1	-	REAR OF PANEL INCOMING CT AND VT TERMINATIONS	UTILUX	H3820

NOTE 5

AC FUSE/TEST LINK/TERMINATIONS FUNCTION TABLE

<p>CAD DRAWING DO NOT MANUALLY AMEND</p> <p>AMENDMENTS</p> <p>1. ADDED NOTE 8 REGARDING VT PRIMARY PROTECTION.</p> <p>MHARRISON 25/06/2015 CHECKED MHARRISON APPROVED MHARRISON</p>	<p>HIGH VOLTAGE METERING LABELLING & EQUIPMENT DETAILS</p> <p>221330 sh.2</p>	<p>BSP METERING 824 OLD ILLAWARRA RD, MENA1 2234 PHONE: (02) 85696710</p>	<p>SCALE AS SHOWN</p>	<p>HIGH VOLTAGE METERING SCHEMATIC DIAGRAM, WIRING DIAGRAM & PANEL LAYOUT</p>
			<p>DESIGNED R.LOWE</p>	
<p>DRAWN M.HARRISON</p>	<p>CHECKED A.BRADSHAW</p>			
<p>APPROVED R.LOWE</p>	<p>DATE 11/11/2013</p>			
<p>PRJTRK No. -</p>	<p>PROJECT NUMBER -</p>			
<p>DRAWING No. 221330</p>	<p>SHEET 1</p>	<p>AMD 01</p>	<p>SIZE A1</p>	

ASSOCIATED DRAWINGS