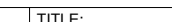
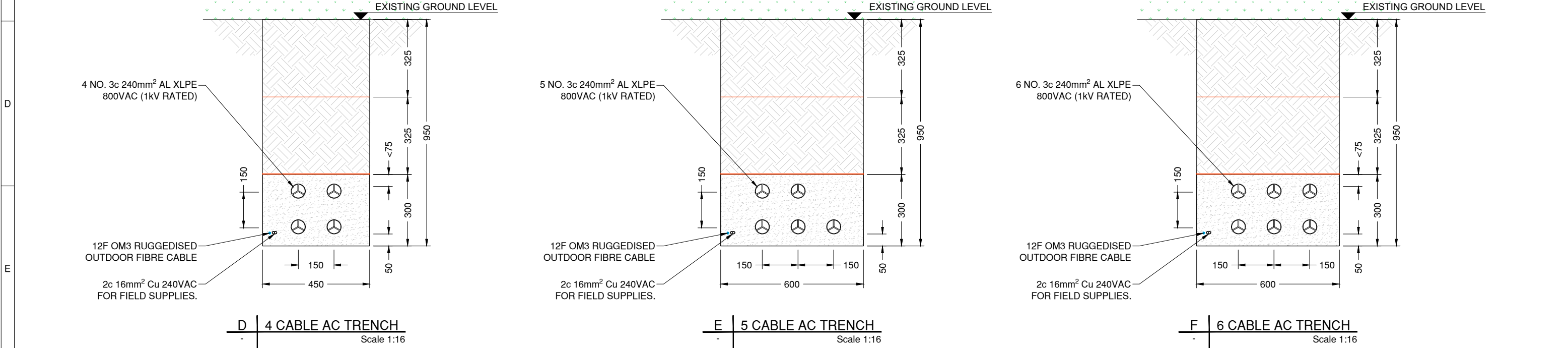
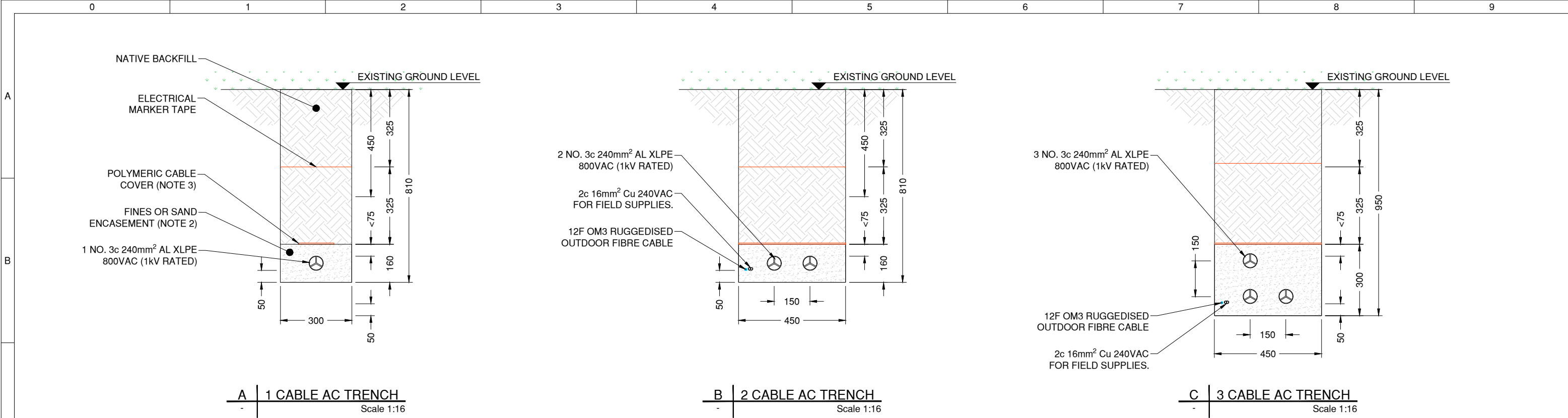


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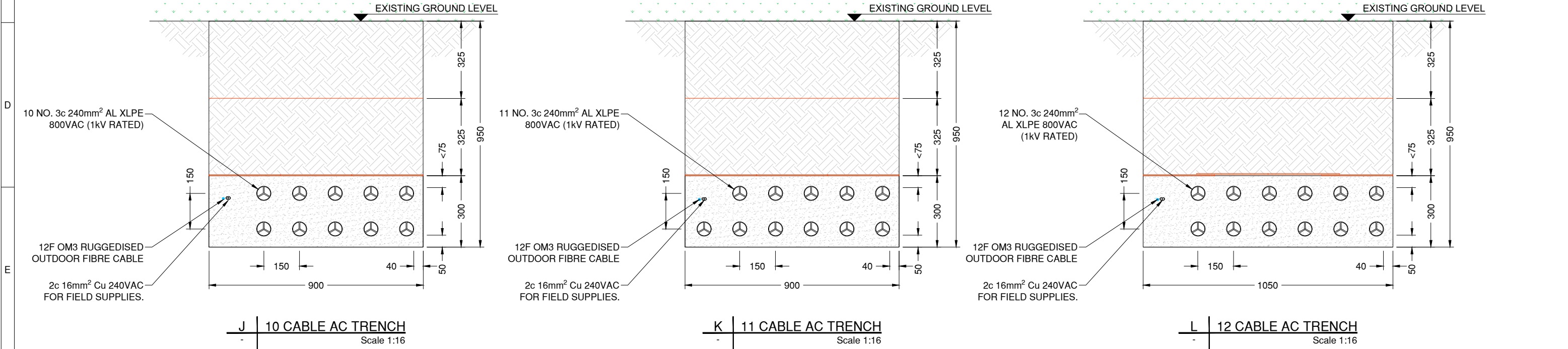
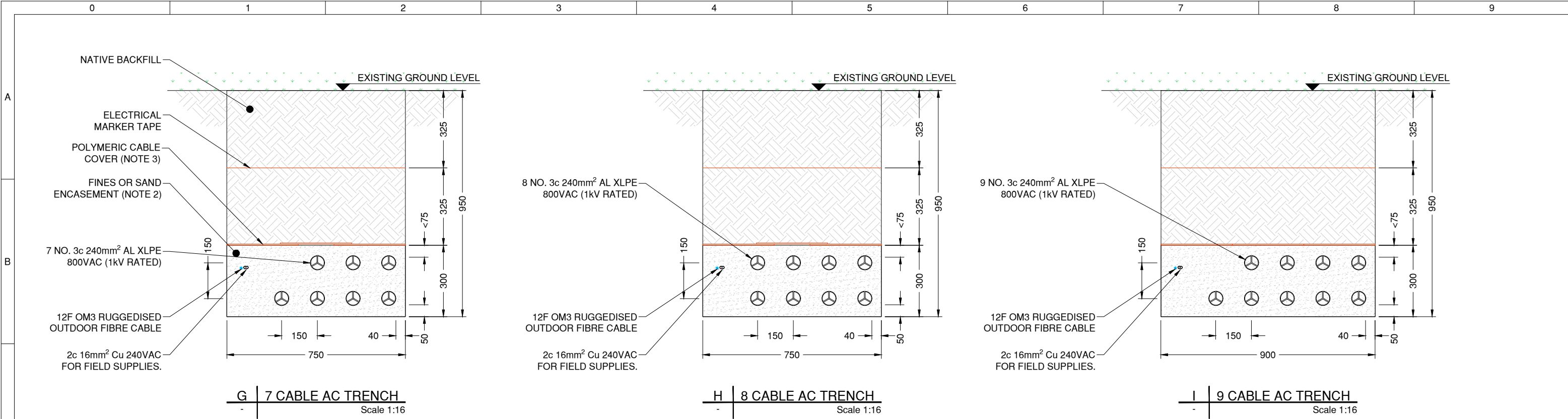
1. ALL DIMENSIONS ARE IN MILLIMETRES UNO.
2. NO MINIMUM TRENCH WIDTH REQUIREMENT. THE CONTRACTOR MAY EXCAVATE TO NEAREST BUCKET WIDTH AVAILABLE, THAT ACCOMODATES THE WIDTH OF DUCTS.
3. DUCTS FOR INVERTER COMMS TO GO VIA ADJACENT INVERTERS (LOOP-IN / LOOP-OUT) TO THE RESPECTIVE FIELD CABINET.
4. WHERE LARGE BOULDERS ARE PRESENT IN THE NATIVE SOIL, COVER DUCTS & CABLES WITH MIN.100mm SAND OR FINES TO PREVENT DAMAGE TO DUCTS DURING BACKFILLING AND COMPACTION.

REV.	DESCRIPTION	DRAWN	CHECKED	APPROVED	DATE	CLIENT:				ADDITIONAL INFORMATION:			DESIGNED:	DM	TITLE: MATAMATA SOLAR FARM 1500V DC TRENCH PROFILES			
A	FOR CONSENT	DM	GJ	MS	07.10.2024								<div>FOR CONSENT</div>				DRAWN:	DM
																	DATE:	07.10.2024
																	CHECKED:	GJ
										APPROVED:	MS	DRG. NO.:	MASF-212	REVISION	A			



- NOTES:
- ALL DIMENSIONS ARE IN MILLIMETRES UNO.
  - 800V AC CABLING TO BE ENCASED IN SAND OR FINES, MIN. 50mm TOP AND BOTTOM PRIOR TO BACKFILL WITH NATIVE SOIL.
  - AS/NZS 4702 POLYMERIC CABLE COVER OR MAGSLAB. TO EXTEND MINIMUM 40mm HORIZONTALLY BEYOND THE CABLE OR DUCT INSTALLED BELOW.
  - WHERE LARGE BOULDERS ARE PRESENT IN THE NATIVE SOIL, COVER DUCTS & CABLES WITH MIN.100mm SAND OR FINES TO PREVENT DAMAGE TO DUCTS DURING BACKFILLING AND COMPACTION.

REV.	DESCRIPTION	DRAWN	CHECKED	APPROVED	DATE	CLIENT:	ADDITIONAL INFORMATION:	DESIGNED:	DM	TITLE:	DRG. NO.:	REVISION
A	FOR CONSENT	DM	GJ	MS	07.10.2024		FOR CONSENT	DRAWN:	DM	MATAMATA SOLAR FARM		
								DATE:	07.10.2024	800V AC		
								CHECKED:	GJ	TRENCH PROFILES - SHEET 1 of 3		
								APPROVED:	MS	MASF-213		A



NOTES:

- ALL DIMENSIONS ARE IN MILLIMETRES UNO.
- 800V AC CABLING TO BE ENCASED IN SAND OR FINES, MIN. 50mm TOP AND BOTTOM PRIOR TO BACKFILL WITH NATIVE SOIL.
- AS/NZS 4702 POLYMERIC CABLE COVER OR MAGSLAB. TO EXTEND MINIMUM 40mm HORIZONTALLY BEYOND THE CABLE OR DUCT INSTALLED BELOW.
- WHERE LARGE BOULDERS ARE PRESENT IN THE NATIVE SOIL, COVER DUCTS & CABLES WITH MIN.100mm SAND OR FINES TO PREVENT DAMAGE TO DUCTS DURING BACKFILLING AND COMPACTION.

REV.	DESCRIPTION	DRAWN	CHECKED	APPROVED	DATE	CLIENT:	ADDITIONAL INFORMATION:	DESIGNED:	DM	TITLE:	MATAMATA SOLAR FARM 800V AC TRENCH PROFILES - SHEET 2 of 3
A	FOR CONSENT	DM	GJ	MS	07.10.2024		FOR CONSENT	DRAWN:	DM		
								DATE:	07.10.2024		
								CHECKED:	GJ		
								APPROVED:	MS		

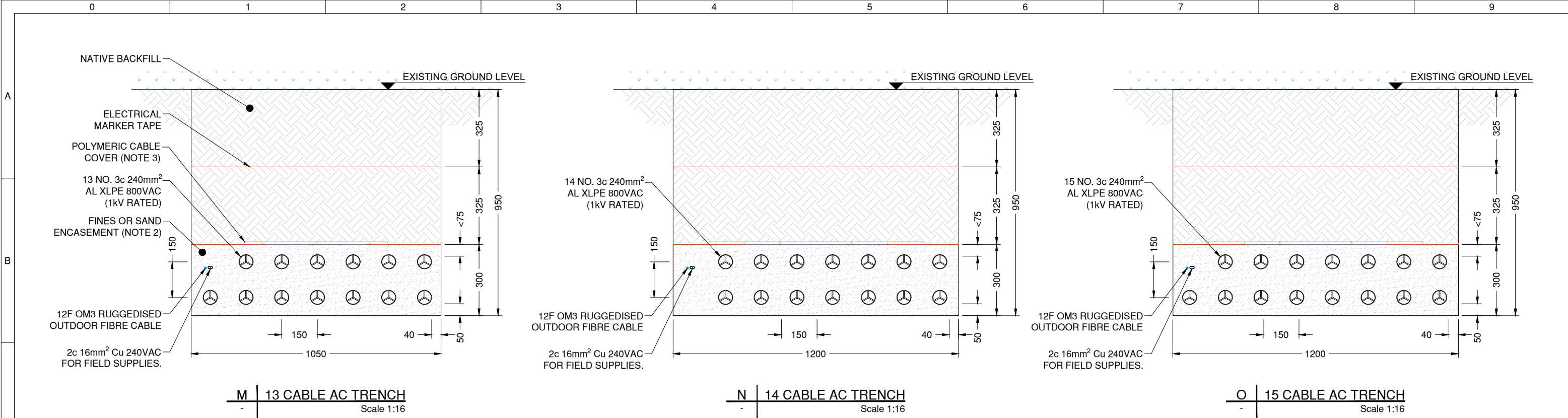
UNITS:mm SHEET SIZE:A3 SCALE: 1:16 (U.N.O.) PROJECTION:

THE DESIGN AND DRAWINGS SHOWN ARE THE PROPERTY OF LIGHTYEARS SOLAR AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN AUTHORITY

AUCKLAND, NEW ZEALAND  
www.lightyearssolar.co.nz

DRG. NO.: MASF-214

REVISION  
A



- NOTES:
- ALL DIMENSIONS ARE IN MILLIMETRES UNO.
  - 800V AC CABLING TO BE ENCASED IN SAND OR FINES, MIN. 50mm TOP AND BOTTOM PRIOR TO BACKFILL WITH NATIVE SOIL.
  - AS/NZS 4702 POLYMERIC CABLE COVER OR MAGSLAB. TO EXTEND MINIMUM 40mm HORIZONTALLY BEYOND THE CABLE OR DUCT INSTALLED BELOW.
  - WHERE LARGE BOULDERS ARE PRESENT IN THE NATIVE SOIL, COVER DUCTS & CABLES WITH MIN.100mm SAND OR FINES TO PREVENT DAMAGE TO DUCTS DURING BACKFILLING AND COMPACTION.

REV.	DESCRIPTION	DRAWN	CHECKED	APPROVED	DATE	CLIENT:	ADDITIONAL INFORMATION:	DESIGNED:	DM	TITLE:	DRG. NO.:	REVISION
A	FOR CONSENT	DM	GJ	MS	07.10.2024		FOR CONSENT	DRAWN:	DM	MATAMATA SOLAR FARM		
								DATE:	07.10.2024	800V AC		
								CHECKED:	GJ	TRENCH PROFILES - SHEET 3 of 3		
						UNITS:mm SHEET SIZE: A3 SCALE: 1:16 (U.N.O.) PROJECTION:		APPROVED:	MS	MASF-215		A

A

B

C

D

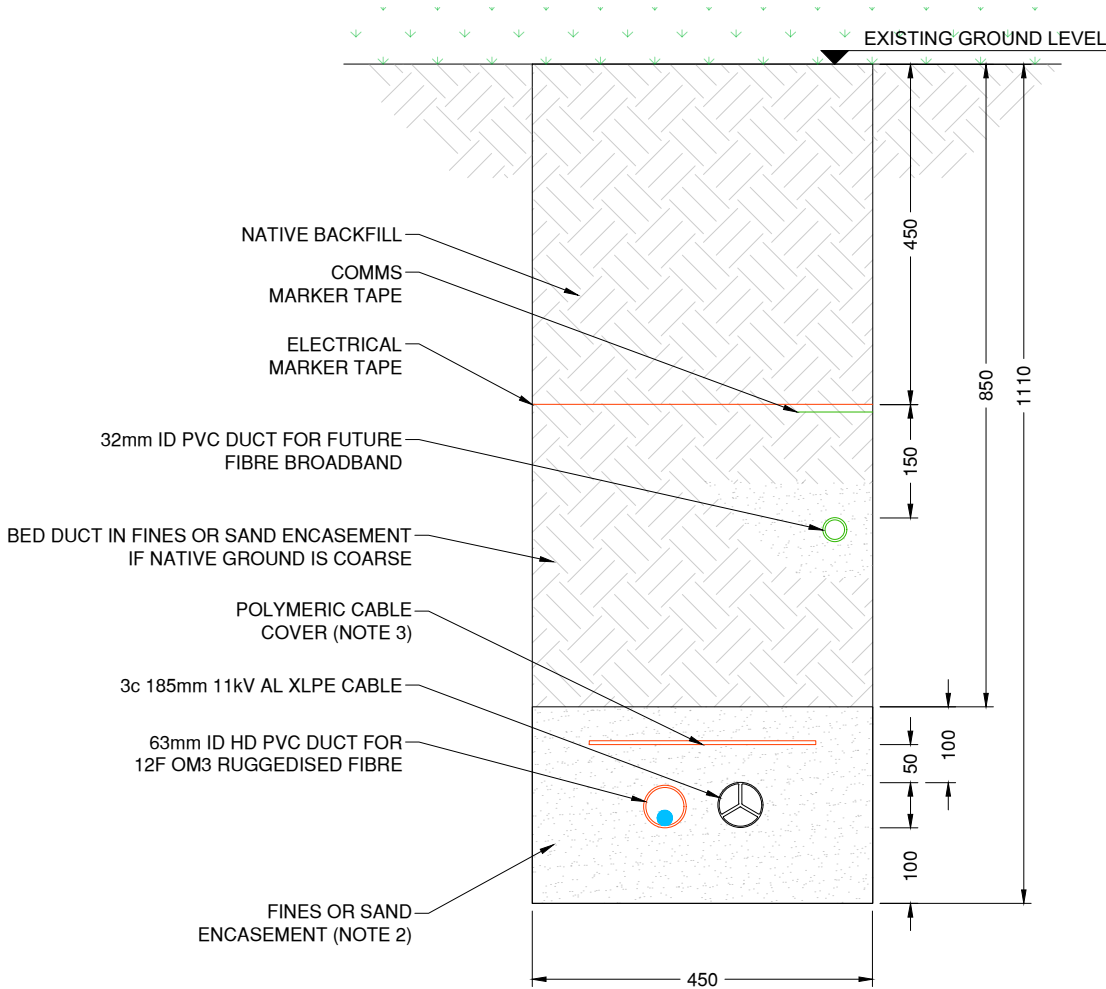
E

F

PLOTTED: 8/10/2024 8:34 am

MASF-225.dwg

- NOTES:
- ALL DIMENSIONS ARE IN MILLIMETRES UNO.
  - DIRECT BURIED 11kV AND 800V AC CABLING TO BE ENCASED IN SAND OR FINES, MIN. 50mm TOP AND BOTTOM PRIOR TO BACKFILL WITH NATIVE SOIL.
  - AS/NZS 4702 POLYMERIC CABLE COVER OR MAGSLAB. TO EXTEND MINIMUM 40mm HORIZONTALLY BEYOND THE CABLE OR DUCT INSTALLED BELOW.
  - WHERE LARGE BOULDERS ARE PRESENT IN THE NATIVE SOIL, COVER DUCTS & CABLES WITH MIN.100mm SAND OR FINES TO PREVENT DAMAGE TO DUCTS DURING BACKFILLING AND COMPACTION.



A | 11kV TRENCH  
203 | Scale 1:10

REV.	DESCRIPTION	DRAWN	CHECKED	APPROVED	DATE	CLIENT:			ADDITIONAL INFORMATION:		DESIGNED:	DM	TITLE: MATAMATA SOLAR FARM MV CONNECTION TRENCH PROFILE		
A	FOR CONSENT	DM	GJ	MS	07.10.2024	<div>FOR CONSENT</div>			<div>AUCKLAND, NEW ZEALAND www.lightyearssolar.co.nz</div>		DRAWN:	DM			
											DATE:	07.10.2024			
											CHECKED:	GJ			
											APPROVED:	MS			
						UNITS: mm	SHEET SIZE: A3	SCALE: 1:10 (U.N.Q.)	PROJECTION:	THE DESIGN AND DRAWINGS SHOWN ARE THE PROPERTY OF LIGHTYEARS SOLAR AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN AUTHORITY			DRG. NO.:	MASF-225	REVISION A