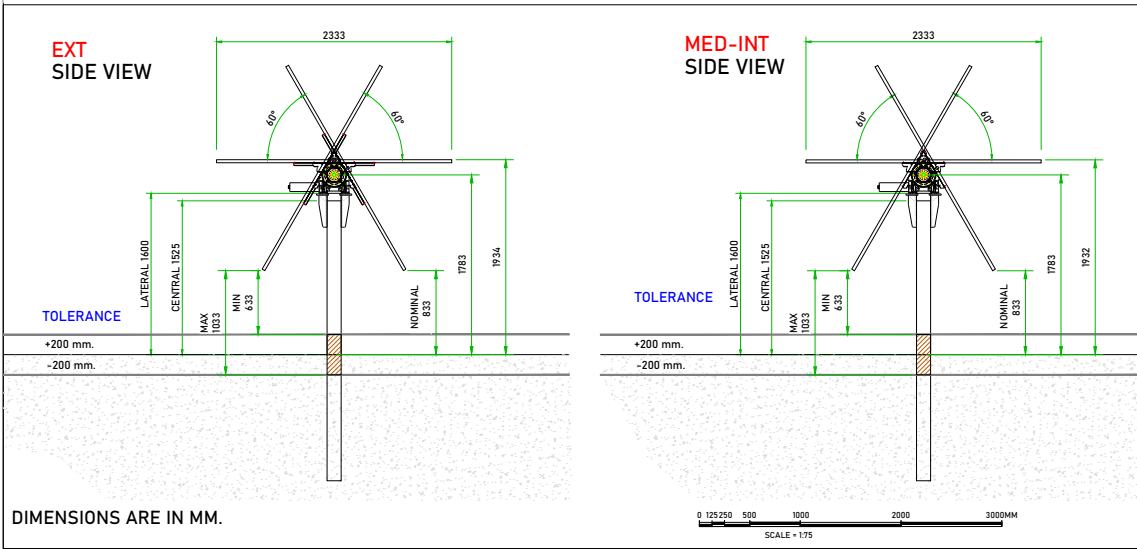
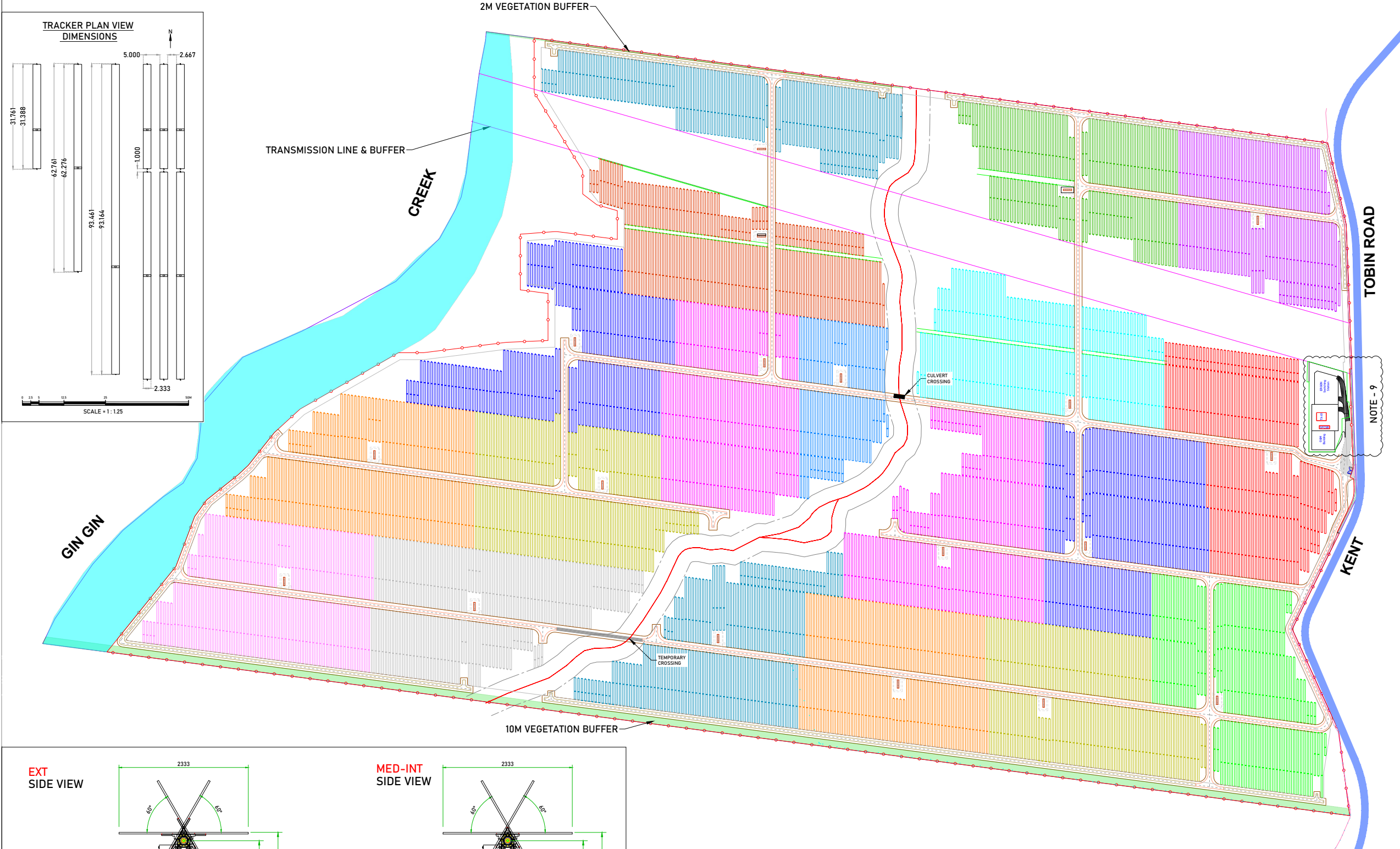
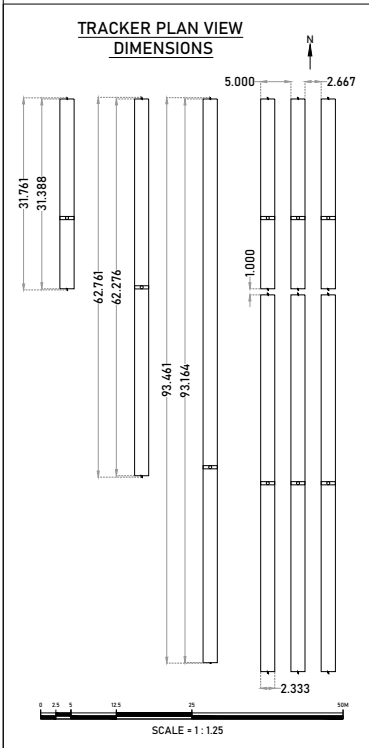
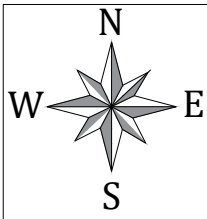


- GENERAL NOTES :-**
1. ALL DIMENSION ARE IN METERS.
 2. ANY DISCREPANCY IN THE DRAWING SHALL BE BROUGHT TO THE NOTICE OF CONSULTANT.
 3. ROAD RADIUS CONSIDERED FOR TURNING IS 15m.
 4. TURNING HAMMER HEAD RADIUS CONSIDERED IS 5m FOR PERIPHERAL WAY.
 5. INTERNAL ROAD OF 4M WIDTH IS CONSIDERED.
 6. BOUNDARY OFFSETS FOR PV PLANT AREA CONSIDERED IS 10M ON ALL SIDES AND 2M ADDITIONAL VEGETATION BUFFER ON SUBSTATION BOUNDARY AND NORTH-WEST BOUNDARY FROM SITE FENCING AND 20M ON THE SOUTHERN BOUNDARY.
 7. INTERNAL ROAD CREEK CROSSING FOR LIGHT VEHICLES AND CABLES ARE CONSIDERED THROUGH CULVERT CROSSING.
 8. HOLD: THE OVERALL O&M, SFC&B AND 132KV SUBSTATION AREA GENERAL ARRANGEMENT LAYOUT IS NOT FINALIZED.
 9. A TEMPORARY BED LEVEL CROSSING IS PROVIDED FOR CONSTRUCTION PERIOD.

General	
	Site Application Boundary Line
	Construction Line
	Fencing Line
	External Road
	Internal Road
	Peripheral way
	Road Buffer line
	Culvert Crossing
	Access Gate
	Vegetation Buffer
	Waterway Buffer
	Waterway
	Cable Trench Path
	Temporary Crossing
	Telstra Buried cable

PLANT DETAILS	
LOCATION	BUNDABERG, QUEENSLAND, AUSTRALIA LATITUDE - 24°56'25.58"S LONGITUDE - 152° 0'49.27"E
TOTAL AREA	360.398 ACRE
PITCH	5M
NO OF MODULES PER STRING	27
TOTAL NO OF STRING	6022
TOTAL NO OF MODULES	162594
MODULE ORIENTATION	PORTRAIT
NAMEPLATE DC CAPACITY	96.11 MWp
NAMEPLATE AC CAPACITY	101.75MW
MAXIMUM ACTIVE POWER AT POS	78 MW
DC:AC RATIO	0.94
MODULE MAKE / MODEL	JA Solar/JAM72D 40-595/LB JA Solar/JAM72D 40-590/LB
MODULE SIZE	2333 mmx1134 mmx30 mm
MV Power Station	5500KVA @ 35°C
NO OF MVPS 5500	18
MV Power Station	2750KVA @ 35°C
NO OF MVPS 2750	1
INVERTER MODEL	SMA SUNNY CENTRAL 2750-EV

MONFORD

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Perth WA 6000

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Grey Matter to Green Solutions

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411014, India.

Version	Date	Designed By	Reviewed By	Approved By	Description and Notes
A	14-MAY-2024	AC	SR	AF	ISSUE FOR REVIEW
B	27-MAY-2024	AC	SR	AF	RE-ISSUED FOR REVIEW
C	31-MAY-2024	AC	SR	AF	RE-ISSUED FOR REVIEW

Drawing Number: 1100-04-MFG-ENG-GAD-GEN-0001	PRELIMINARY
Drawing Name: General Arrangement PV Site Layout and System Optimisation Summary	Scale: 1:6
Project Name: Bundaberg Solar Farm	Sheet No: 1/1
	Date: 31-MAY-2024

TRACKERS	NO'S	NO OF STRINGS
81 MODULE PER ROW	1670	5010
54 MODULE PER ROW	369	738
27 MODULE PER ROW	274	274
TOTAL STRINGS		6022
590Wp PV MODULE		595Wp PV MODULE
NUMBER OF STRINGS	4751	1271
NUMBER OF MODULES	128277	34317
DC CAPACITY(kWp)	75683.43	20418.615
TOTAL CAPACITY (kWp)	96102.05	