

Notes:

1. ALL DIMENSIONS ARE IN METERS AND ALL ELEVATIONS AND COORDINATE VALUES ARE IN METERS UNLESS NOTED OTHERWISE.
2. THIS DRAWING SHALL BE READ WITH APPROVED PROJECT GUIDELINES SETTING OUT PLAN DRAWING.

Legends

Factory:



acted

Drawing Title:
Electrical Single
Line Diagram

SCALE DWG NO. Page NO.

Drawn By: MA
Checked By: Approved By:

Date: 1404-2020

REVISIONS

ZONE	REV	DESCRIPTION	DATE	APPROVED

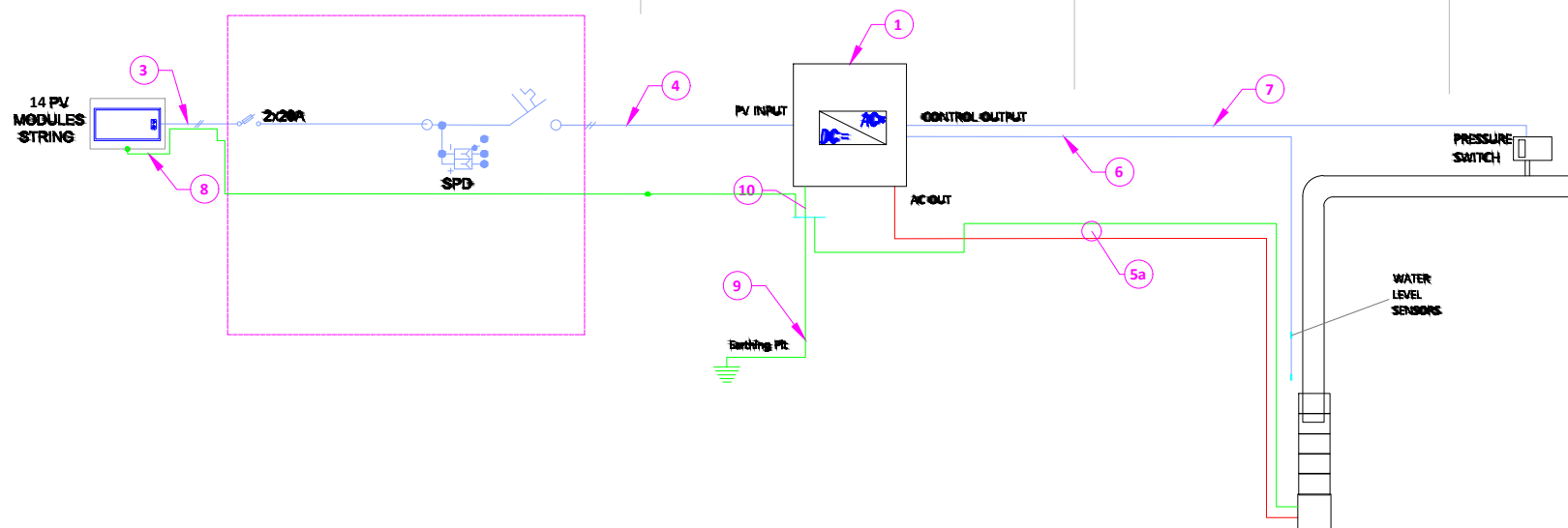
FORM REF.:	SHEET:	REV
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PV MODULES STRINGS

COMBINER BOX

HYBRID PUMP INVERTER

PUMP



TAG	ITEM	SIZE/CAPACITY
1	INVERTER POWER, KW	9.2
2	# OF PV STRINGS	2
3	DC CABLE BETWEEN ARRAYS, MM2	[1X10]
4	DC CABLE BETWEEN COMBINER & INVERTER, MM2	[1X16]
5a	PUMP AC CABLE, MM2	[4X10]
5b	GENERATOR AC CABLE, MM2	NA
6	LEVEL SENSOR CABLE, MM2	2 X 1.5

TAG	ITEM	SIZE/CAPACITY
7	PRESSURE SWITCH CABLE, MM2	2 X 1.5
8	EARTHING CABLE BETWEEN PV MODULES, MM2	1 X 6
9	EARTHING CABLE FROM BUS BAR TO EARTHING PIT, MM2	10
10	EARTHING CABLE FROM INVERTER TO THE BUS BAR, MM2	10
11	COMBINER DC CIRCUIT BREAKER SIZE "10KA", A	20
12	INPUT AC CIRCUIT BREAKER WITH SPD, A	NA