

LEGEND:



PV PANEL

NOTES

PANEL: 40 X SOLAR WORLD 265W MONO
 INVERTER: SMA TRI-POWER 8000TL-20
 DIMENSIONS: 665W X 690H X 265D

THE INVERTER WILL BE LOCATED AT THE TOP OF THE RISER. THE RISER SHALL BE THE ONE THAT HOUSES THE 3-PHASE LANDLORDS METER AND DISTRIBUTION BOARD

TP/N ISOLATION SWITCH AND 3 X DC ISOLATION SWITCHES TO BE LOCATED ADJACENT TO INVERTER

GENERATION METER: ELSTER A1100 (3PHASE)
 THE GENERATION METER WILL BE LOCATED NEXT TO THE DISTRIBUTION BOARD IN RISER

A TP/N 6MM SWA WILL BE RUN ON CABLE TRAY UP TO THE INVERTER POSITION ON THE TOP FLOOR

TP/N ISOLATION SWITCH TO BE LOCATED NEXT TO THE GENERATION METER

SOLAR PV 6MM DC CABLES TO RUN THROUGH RISER TO ROOF VIA DUCTING

DC CABLES TO BE HOUSED ON CABLE TRAY IN RISER AND ON ROOF

2 X STRINGS TO BE WIRED TO THE INVERTER

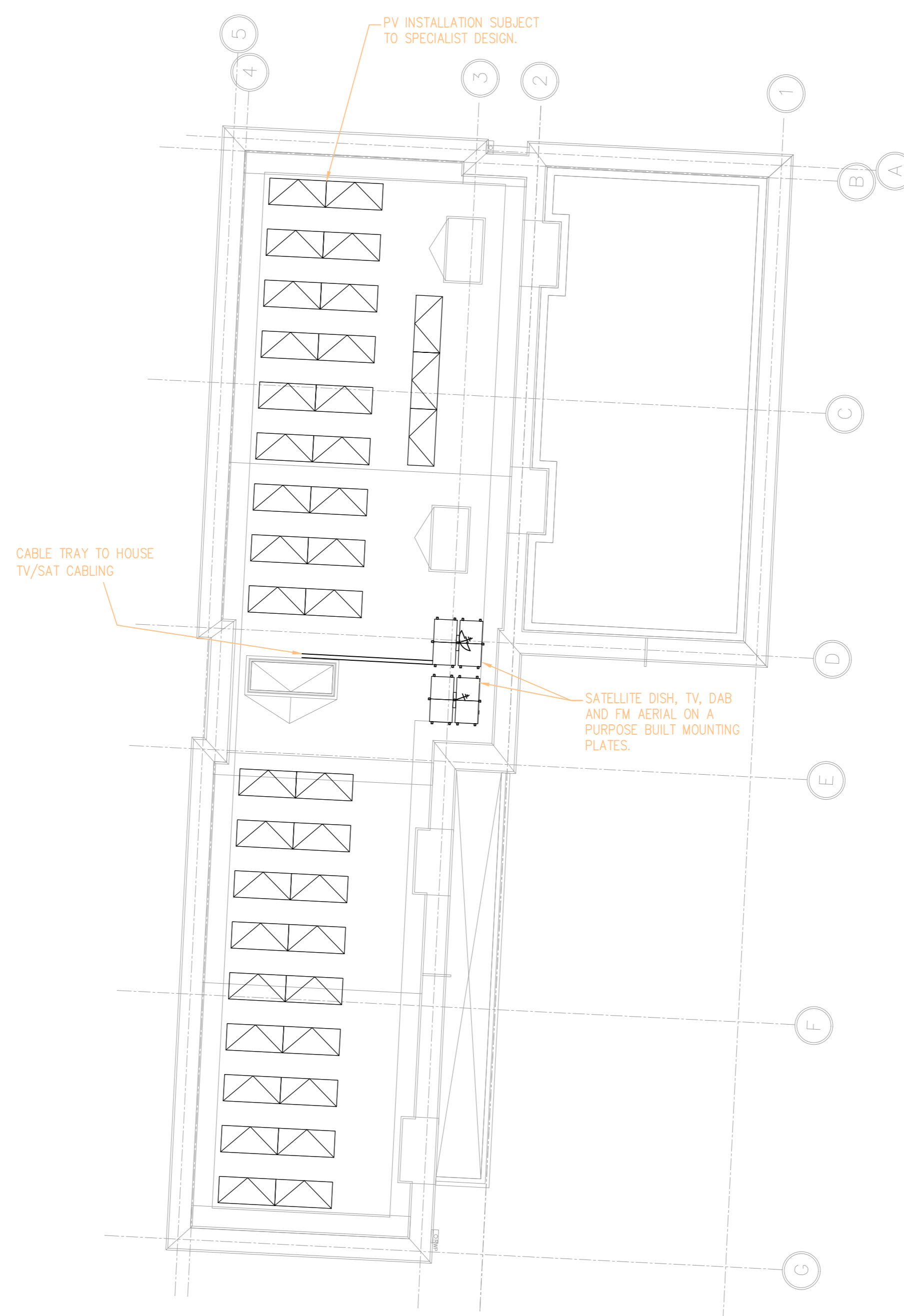
SIZE OF SYSTEM: 10.6kW

ORIENTATION OF PV SYSTEM: SOUTH

ESTIMATED OUTPUT ANNUALLY: 8,776.80kW HOURS

CO2 REDUCTIONS PER ANNUM: 4,985.22kg

THE ANGLE OF THE ARRAY WOULD BE 0 DEGREES



REV A – 18.04.2016
 ISSUED FOR CONSTRUCTION

REV B – 05.07.2016
 INCREASED NUMBER OF PV PANELS

REV C – 12.07.2016
 ADDITIONAL PV PANELS RELOCATED

REV D – 21.07.2016
 ADDITIONAL PV PANELS RELOCATED
 BY HTA AS INSTRUCTED BY PRIMUS

Job Title
 WILLINGHAM
 TERRACE APARTMENTS

Drawing Title
 ELECTRICAL SERVICES
 PV ROOF LAYOUT

Scale 1:100

Drawn GP

Date JANUARY 2016

Checked

LTS-1325-E14

**CONSTRUCTION
 ISSUE**

LUNA TECHNICAL SERVICES LTD
 Unit 2, The Old Estate Yard, Badger,
 Wolverhampton, WV6 7JX
 T: 01746 783 862

