



No	Description	Length	Cable type	Cable size	Cable type	Cable size
1	SBI	1.8m	XLSHVM 3	8 x 1 core x 60"	Armour + sheath	1.8 x 60"
2	MCPI	1.8m	XLSHVM 3	1 x 4 core x 25"	Armour + sheath	1.8 x 25"
3	OF1	1.8m	XLSHVM 3	1 x 4 core x 25"	Armour + sheath	1.8 x 25"
4	OF2	1.8m	XLSHVM 3	1 x 4 core x 25"	Armour + sheath	1.8 x 25"
5	OF3	1.8m	XLSHVM 3	1 x 4 core x 25"	Armour + sheath	1.8 x 25"
6	OF4	1.8m	XLSHVM 3	1 x 4 core x 25"	Armour + sheath	1.8 x 25"
7	OF5	1.8m	XLSHVM 3	1 x 4 core x 25"	Armour + sheath	1.8 x 25"
8	OF6	1.8m	XLSHVM 3	1 x 4 core x 25"	Armour + sheath	1.8 x 25"
9	OF7	1.8m	XLSHVM 3	1 x 4 core x 25"	Armour + sheath	1.8 x 25"
10	OF8	1.8m	XLSHVM 3	1 x 4 core x 25"	Armour + sheath	1.8 x 25"
11	OF9	1.8m	XLSHVM 3	1 x 4 core x 25"	Armour + sheath	1.8 x 25"
12	OF10	1.8m	XLSHVM 3	1 x 4 core x 25"	Armour + sheath	1.8 x 25"
13	OF11	1.8m	XLSHVM 3	1 x 4 core x 25"	Armour + sheath	1.8 x 25"
14	OF12	1.8m	XLSHVM 3	1 x 4 core x 25"	Armour + sheath	1.8 x 25"
15	OF13	1.8m	XLSHVM 3	1 x 4 core x 25"	Armour + sheath	1.8 x 25"
16	OF14	1.8m	XLSHVM 3	1 x 4 core x 25"	Armour + sheath	1.8 x 25"
17	OF15	1.8m	XLSHVM 3	1 x 4 core x 25"	Armour + sheath	1.8 x 25"
18	OF16	1.8m	XLSHVM 3	1 x 4 core x 25"	Armour + sheath	1.8 x 25"
19	OF17	1.8m	XLSHVM 3	1 x 4 core x 25"	Armour + sheath	1.8 x 25"
20	OF18	1.8m	XLSHVM 3	1 x 4 core x 25"	Armour + sheath	1.8 x 25"
21	OF19	1.8m	XLSHVM 3	1 x 4 core x 25"	Armour + sheath	1.8 x 25"
22	OF20	1.8m	XLSHVM 3	1 x 4 core x 25"	Armour + sheath	1.8 x 25"
23	OF21	1.8m	XLSHVM 3	1 x 4 core x 25"	Armour + sheath	1.8 x 25"
24	OF22	1.8m	XLSHVM 3	1 x 4 core x 25"	Armour + sheath	1.8 x 25"
25	OF23	1.8m	XLSHVM 3	1 x 4 core x 25"	Armour + sheath	1.8 x 25"
26	OF24	1.8m	XLSHVM 3	1 x 4 core x 25"	Armour + sheath	1.8 x 25"
27	OF25	1.8m	XLSHVM 3	1 x 4 core x 25"	Armour + sheath	1.8 x 25"
28	OF26	1.8m	XLSHVM 3	1 x 4 core x 25"	Armour + sheath	1.8 x 25"
29	OF27	1.8m	XLSHVM 3	1 x 4 core x 25"	Armour + sheath	1.8 x 25"
30	OF28	1.8m	XLSHVM 3	1 x 4 core x 25"	Armour + sheath	1.8 x 25"
31	OF29	1.8m	XLSHVM 3	1 x 4 core x 25"	Armour + sheath	1.8 x 25"
32	OF30	1.8m	XLSHVM 3	1 x 4 core x 25"	Armour + sheath	1.8 x 25"
33	OF31	1.8m	XLSHVM 3	1 x 4 core x 25"	Armour + sheath	1.8 x 25"
34	OF32	1.8m	XLSHVM 3	1 x 4 core x 25"	Armour + sheath	1.8 x 25"
35	OF33	1.8m	XLSHVM 3	1 x 4 core x 25"	Armour + sheath	1.8 x 25"
36	OF34	1.8m	XLSHVM 3	1 x 4 core x 25"	Armour + sheath	1.8 x 25"
37	OF35	1.8m	XLSHVM 3	1 x 4 core x 25"	Armour + sheath	1.8 x 25"
38	OF36	1.8m	XLSHVM 3	1 x 4 core x 25"	Armour + sheath	1.8 x 25"
39	OF37	1.8m	XLSHVM 3	1 x 4 core x 25"	Armour + sheath	1.8 x 25"
40	OF38	1.8m	XLSHVM 3	1 x 4 core x 25"	Armour + sheath	1.8 x 25"
41	OF39	1.8m	XLSHVM 3	1 x 4 core x 25"	Armour + sheath	1.8 x 25"
42	OF40	1.8m	XLSHVM 3	1 x 4 core x 25"	Armour + sheath	1.8 x 25"
43	OF41	1.8m	XLSHVM 3	1 x 4 core x 25"	Armour + sheath	1.8 x 25"
44	OF42	1.8m	XLSHVM 3	1 x 4 core x 25"	Armour + sheath	1.8 x 25"
45	OF43	1.8m	XLSHVM 3	1 x 4 core x 25"	Armour + sheath	1.8 x 25"

DO NOT SCALE OFF THIS DRAWING
BUILDING OUTLINE DRAWINGS

ARCHITECT CONSULTANT DRAWING NO. REV

NOTES:
 1. ALL METERS TO BE REMOTELY MONITORED BY BMS WITH MODBUS-RTU/RS-485.
 2. PIPES SUPPORTING EQUIPMENT TO BE SUPPORTED TO BE SUBJECT TO DESIGN DEVELOPMENT & COORDINATION.
 3. THIS DRAWING ILLUSTRATES QUANTIFICATION INTENT ONLY. IT IS SUBJECT TO DESIGN DEVELOPMENT & COORDINATION.
 4. 20% SPARE CABLES AND CONDUITS TO BE PROVIDED OVERALL.
 5. SBI TO INCORPORATE MARSHALLING CONNECTION POINTS FOR BUS CONNECTIONS TO METERS AND PROTECTIVE DEVICE STARTS SIGNALS.
 6. CABLE SIZES/DEVICE SIZES/NUMBER OF WAYS ARE SUBJECT TO DESIGN DEVELOPMENT.
 7. FINAL CONNECTION DETAILS FOR PV TO BE AGREED WITH SPECIALIST SUB-CONTRACTOR.

LEGEND:
 ⊕ TRANSFORMER
 X ACB/MCDB
 ⊖ MULTIFUNCTION METER
 □ DISTRIBUTION BOARD
 ⊞ SURE PROTECTION UNIT, TYPE AS NOTED.
 ⊠ CONTROL CONTACTORS
 ⊞ EMERGENCY POWER OFF BUTTON
 ⊞ SURGE PROTECTION DEVICES

DESCRIPTION:
 LV DISTRIBUTION AND EARTHING SCHEMATIC

Project: MARIA FIDELIS SCHOOL
 Client: KIER LONDON

Scale: NTS
 Date: AUGUST 2016
 Drawn By: CP
 Checked: KF
 Drawing No.: 5112/E/P/001
 Rev: H

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