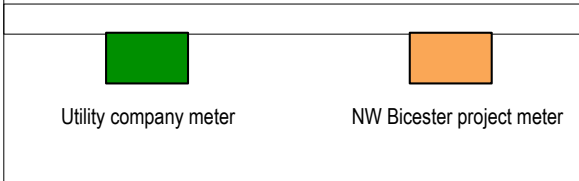



CABLE SCHEDULE

Ref	Description	Protocol
Data cables – Belden shielded		
1	PV generation meter to MCU	Modbus / MBus / pulse
2	Import / Export Check meter to MCU	"
3	Heat meter to MCU	"
4	Main water meter to MCU	"
5	Rainwater meter to MCU	"
Low voltage power (5 - 24V)		
6	LV cable to Shimmy Screen (hidden)	n/a
7	PSU power cable to MCU	n/a
8	PSU power cable to Network	n/a
Networking		
9	Network cable to Network Router	



NOTES

- 1 Assumes physical network connection to house. Could be site-wide overlay wifi network.
- 2 Assumes reading taken from main water meter. Could use an internal check water meter with data cable to MCU
- 3 Heat meter to be battery, or mains / LV powered?
- 4 All connected meters to have maximum available granularity of readings (e.g. elec meters to 0.001 kWh if possible).

		<h2>Shimmy / Metering Schematic</h2>	
		Project: NW Bicester	Drw No: NWB/001/E
		Date: 2nd April 2013	Status: For comment