

NOTE - THIS DRAWING TO BE READ IN CONJUNCTION WITH:-

- Drg Nos 170717/M/01 - 03 & 170717/E/01 - 04
- M&E Services Schedule of Work

LEGEND

- HWS

HWSR

MWS

CWS

HTGF

HTGR
- HOT WATER SERVICE

HOT WATER SERVICE RETURN

MAINS WATER SERVICE

COLD WATER SERVICE (TANK)

HEATING FLOW

HEATING RETURN

ISOLATING VALVE

LOCK SHIELD VALVE

LOCK SHIELD VALVE (NORMALLY OPEN)

COMMISSIONING VALVE

DOUBLE REGULATING VALVE

CHECK VALVE

DOUBLE CHECK VALVE

SAFETY VALVE / COMBINED PRESS. & TEMP. RELIEF VALVE

PRESSURE REDUCING VALVE

MOTORISED 3 PORT VALVE

MOTORISED 2 PORT VALVE

MANUALLY ADJUSTABLE 3 PORT VALVE / THERMOSTATIC MIXING VALVE

AUTOMATIC AIR VENT

PUMP

BINDER TYPE TEST POINT

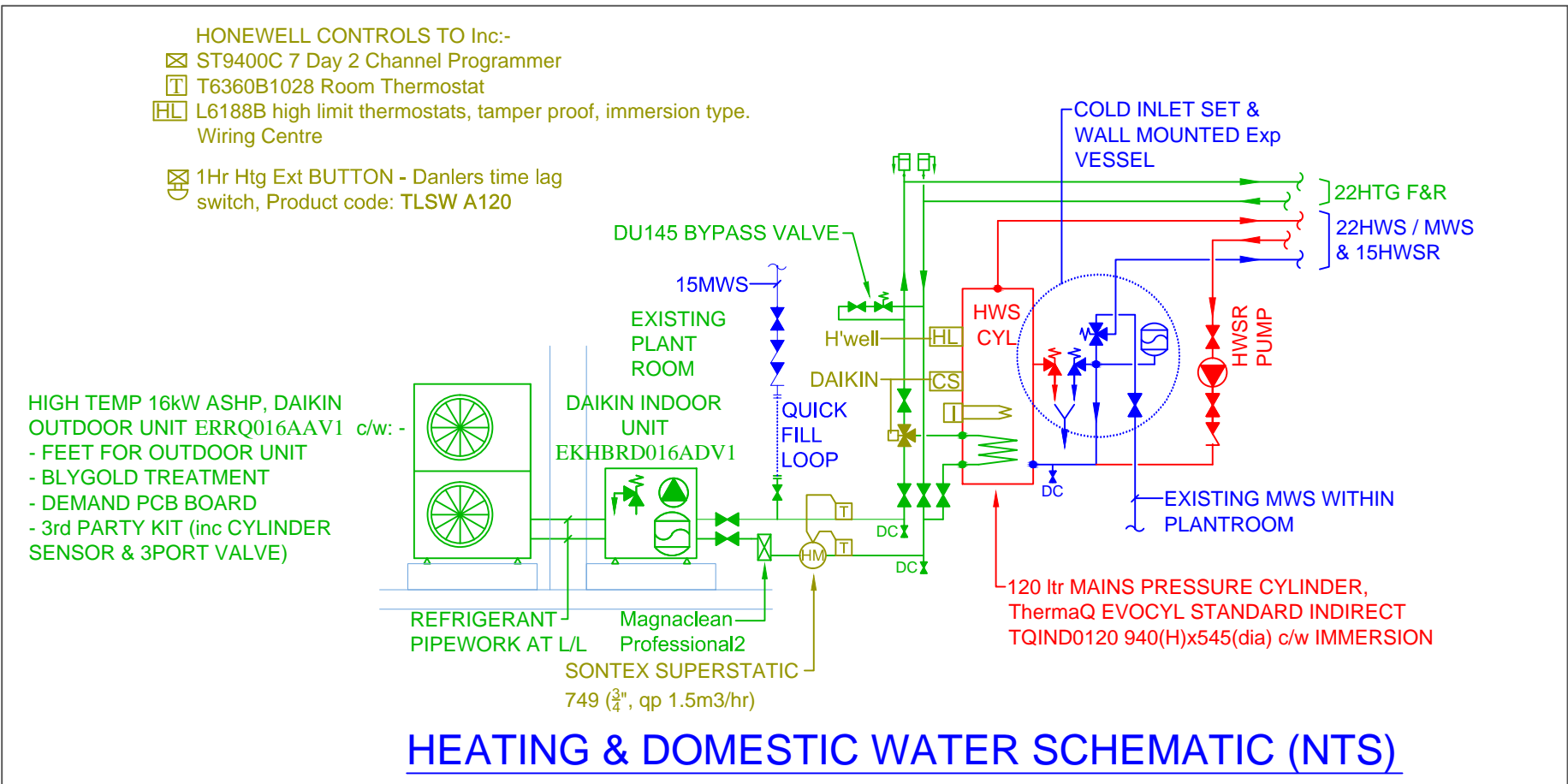
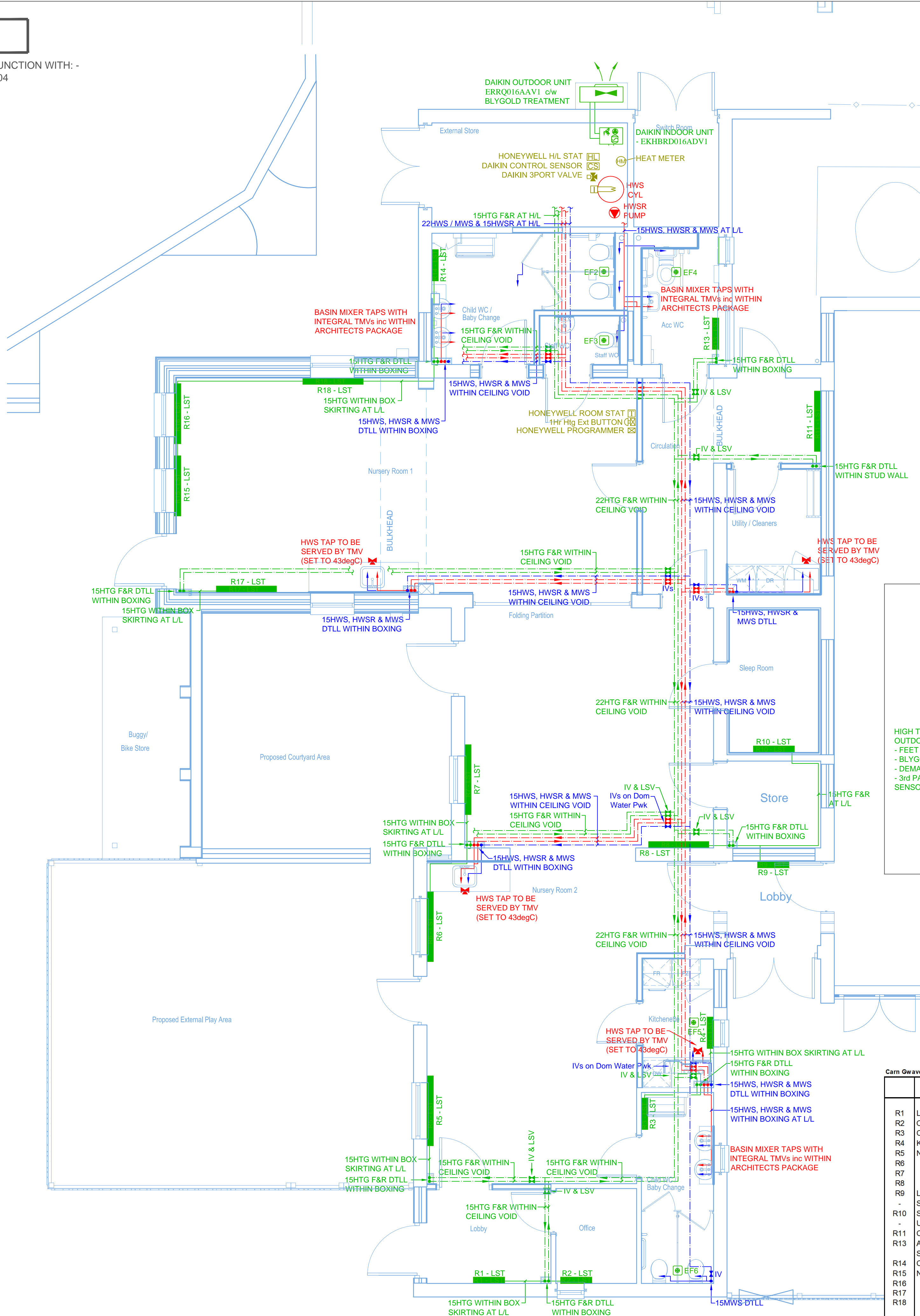
IMMERSION SENSOR
- ---

- PIPEWORK BELOW GROUND (CONCEALED)

PIPEWORK AT LOW LEVEL

PIPEWORK AT HIGH LEVEL

PIPEWORK AT HIGH LEVEL (CONCEALED) / ROOF VOID



REVISIONS		
(A)	20/10/17	TENDER
(B)	31/10/17	ARCHITECTS COMMENTS INC.
(C)	28/01/18	MARKED FOR CONSTRUCTION
(D)	05/06/18	AMENDED / RETENDER
(E)	08/06/18	TENDER - INC ARCHITECTS COMMENTS

TENDER

PROJECT :-

REFURBISHMENT OF CARN GWAVEL PRIMARY SCHOOL ISLES OF SCILLY

CLIENT :-

COUNCIL for THE ISLES of SCILLY

DRAWING TITLE :-

Mechanical & Electrical Services Heating & Domestic Water Layout

SJH Design Services Ltd

Pentidna Barn, Prosper Hill Gwithian, Hayle, TR27 5EB

Tel: 01736 757624 / Email: Stephen@sjhdesign.biz

Date 17/07/17

Designed by SJH

Scale 1:50 / AS SHOWN

Approved by SJH

Drawing No. : 170717/M/01

Rev E

Carn Gwavel - Heat Loss								
30/05/18								
		Load W	Manufacturer	Height	Length	Type	Watts	C.F.
R1	Lobby	356	Stelrad LST	650	650	K2	478	0.748
R2	Office	232	Stelrad LST	650	650	K2	478	0.748
R3	Child WC	417	Stelrad LST	650	650	K2	478	0.748
R4	Kitchenette	277	Stelrad LST	650	650	K3	478	0.748
R5	Nursury Rm 2	4270	Stelrad LST	650	1450	K2	1434	0.748
R6	-	-	Stelrad LST	650	1450	K2	1434	0.748
R7	-	-	Stelrad LST	650	1450	K3	1434	0.748
R8	-	-	Stelrad LST	650	1250	K2	1195	0.748
R9	Lobby Store	238	Stelrad LST	650	650	K2	478	0.748
R10	Sleep Room	445	Stelrad LST	650	850	K2	717	0.748
R11	Utility / Cleaners	742	Stelrad LST	650	1250	K2	1195	0.748
R13	Acc WC	273	Stelrad LST	650	650	K2	478	0.748
R14	Child WC	623	Stelrad LST	650	650	K2	478	0.748
R15	Nursury Rm 1	3084	Stelrad LST	650	1250	K2	1195	0.748
R16	-	-	Stelrad LST	650	1250	K2	1195	0.748
R17	-	-	Stelrad LST	650	1250	K2	1195	0.748
R18	-	-	Stelrad LST	650	1250	K2	1195	0.748
10957							11620.18	

- NOTES
- ALL STELRAD RADIATORS TO BE LST I Plus RADIATORS C/W FACTORY FITTED TOP GRILLES AND END PANELS.
 - ALL RADIATORS TO BE C/W TRVs (FLOW) AND LSVs (RETURN).