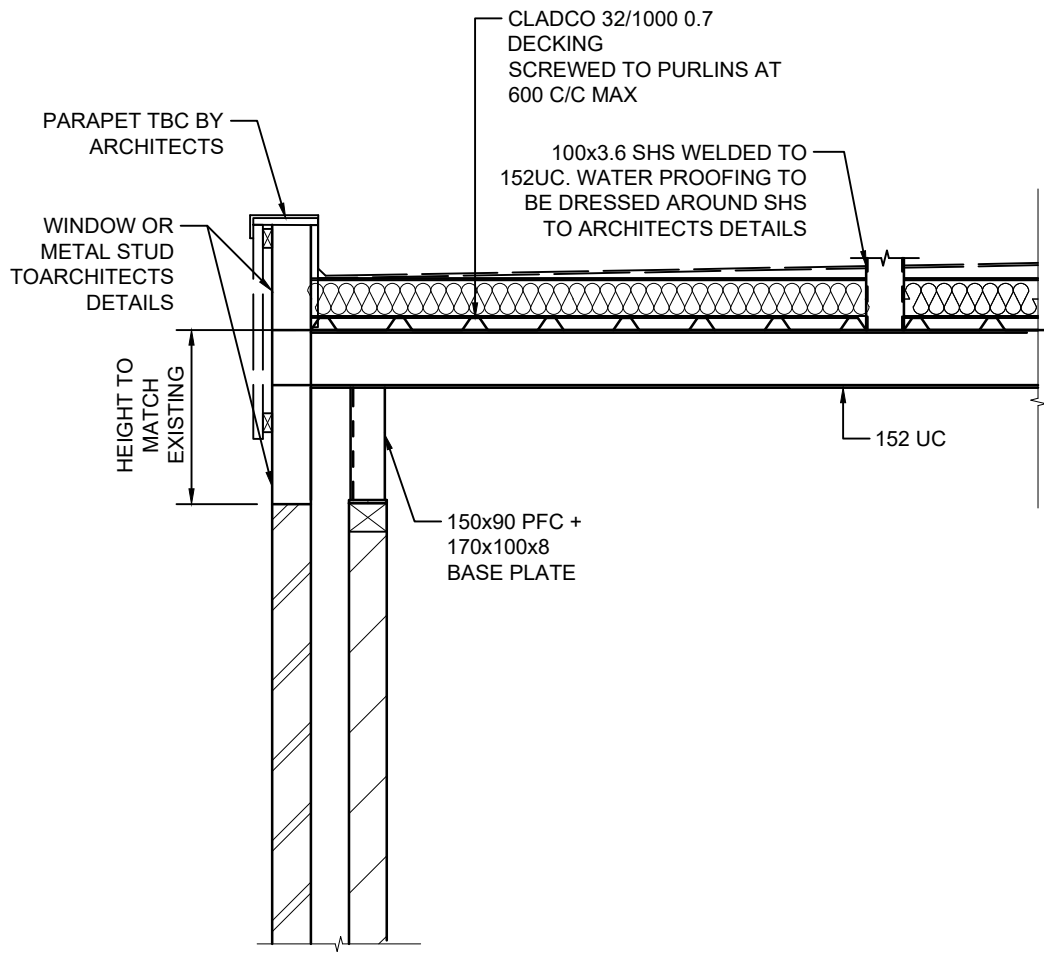


SECTION 1 - 1



SECTION 2 - 2

KEY:

SPAN DIRECTION OF METSEC 342 - Z - 23 @1800c/c

EXISTING ROOF JOISTS APPROX. 500mm DEEP AT 1800mm c/c (TAKEN FROM SURVEY DRAWING BY OTHERS)

ANCON WP2 WINDPOST - 170x70x6 L

BUTTRESS WALL LOCATION 7N BLOCKWORK

RESTRAINT STRAPS - SEE NOTES

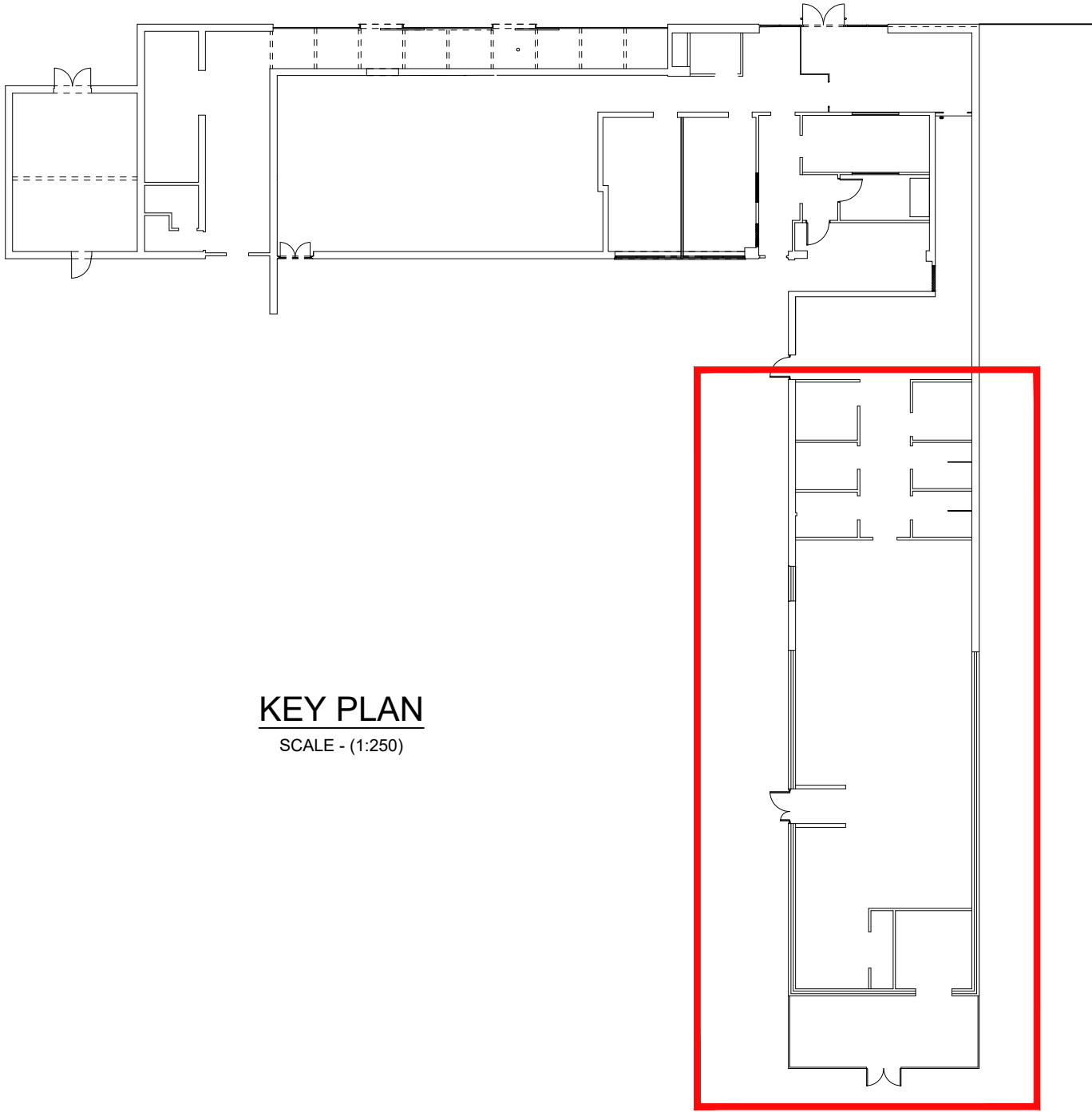
LINTEL SCHEDULE									
REF No.	CLEAR SPAN	WALLING		LINTEL					
		TYPE	THICK	QTY	LENGTH (mm)	REFERENCE	MANUFACTURER		
GD1	990	BLOCK	100	1	1190	XFR 6	NAVLOK		
GD2	990	BLOCK	100	1	1190	XFR 6	NAVLOK		
GD3	990	BLOCK	100	1	1190	XFR 6	NAVLOK		
GD4	990	BLOCK	100	1	1190	XFR 6	NAVLOK		
GD5	990	BLOCK	100	1	1190	XFR 6	NAVLOK		
GD6	990	BLOCK	100	1	1190	XFR 6	NAVLOK		
GD7	990	BLOCK	100	1	1190	XFR 6	NAVLOK		
GD8	1440	CAVITY	302.5	1	1740	L1/S110(125)	IG		
GD9	1440	BLOCK	140	1	1720	ULTRA 140-6	NAVLOK		
GD10	1500	BLOCK	100	1	1800	XFR 6	NAVLOK		
GD11	1500	CAVITY	302.5	1	1800	L1/S110(125)	IG		

- GENERAL NOTES:**
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT DOCUMENTS AND SPECIFICATIONS.
 - THE WORKS INDICATED ON THIS DRAWING HAVE, AS FAR AS IS REASONABLY PRACTICABLE, BEEN DESIGNED TO MEET THE REQUIREMENTS OF THE CONSTRUCTION DESIGN AND MANAGEMENT REGULATIONS. THOSE RESPONSIBLE FOR CONSTRUCTING THE WORKS MUST ALSO ENSURE THAT THE REQUIREMENTS OF THESE REGULATIONS ARE MET BEFORE PUTTING THE NECESSARY WORKS IN HAND.
 - THE CONTRACTOR IS ENTIRELY RESPONSIBLE FOR THE STABILITY OF THE WORKS AND ALL ADJACENT STRUCTURES AFFECTED BY THE WORKS AND SHALL DESIGN, INSTALL AND MAINTAIN ALL NECESSARY TEMPORARY WORKS TO COMPLY WITH THIS.
 - THESE WORKS ARE COVERED BY THE CDM REGULATIONS. ALL NECESSARY METHOD STATEMENTS ETC ARE TO BE PROVIDED TO THE PRINCIPLE DESIGNER PRIOR TO THE COMMENCEMENT OF WORKS.
 - ALL DIMENSIONS AND DETAILS RELATING TO THE EXISTING BUILDING AND SITE TOPOGRAPHY ARE TAKEN FROM A SURVEY CONDUCTED BY OTHERS. NO RESPONSIBILITY CAN BE TAKEN FOR INACCURACIES IN THIS ORIGINAL SURVEY. THE CONTRACTOR IS TO CHECK ALL DIMENSIONS RELATING TO THE EXISTING FEATURES PRIOR TO CONSTRUCTION.
 - INFORMATION AND SETTING OUT ON THIS DRAWING IS BASED LARGELY ON INFORMATION TAKEN FROM CAD DRAWINGS PREPARED BY OTHERS AND GIVEN IN GOOD FAITH. NO RESPONSIBILITY CAN BE ACCEPTED FOR ERRORS RESULTING FROM INACCURACIES IN THESE ORIGINAL DRAWINGS.
 - ROOF TO BE DESIGNED TO SUPPORT THE FOLLOWING LOADS IN ADDITION TO SELF WEIGHT:

PERMANENT LOAD :	0.75 kN/m ² (INCLUDES 0.25 kN/m ² SERVICES)
VARIABLE LOAD:	0.6 kN/m ²

- MASONRY ABOVE GROUND:**
- UNLESS NOTED OTHERWISE, ALL LOADBEARING BLOCKWORK TO HAVE A MINIMUM COMPRESSIVE STRENGTH OF 7N/mm²
 - ALL MORTAR ABOVE DPC TO COMPLY WITH BS 5628, DESIGNATION (iii), UNLESS NOTED OTHERWISE.
 - MORTAR DESIGNATION (ii) TO BE USED FOR 7N, 10N AND 20N LOAD BEARING BLOCKWORK.
 - REFER TO ARCHITECTS DRAWINGS FOR DETAILS OF DAMP PROOF COURSES, CAVITY TRAYS, INSULATION AND OTHER ANCILLARY ITEMS.
 - ALL CAVITIES TO BE TIED WITH STAINLESS STEEL TIES COMPLYING WITH BS 5628-1: 200mm LONG TYPE 2 FOR 50-75 CAVITY WIDTH, 225mm LONG TYPE 2 FOR 76-100 CAVITY WIDTH AND 250mm LONG TYPE 1 FOR 101-125 CAVITY. INSTALLED AT 900 (H) x 450 (V) STAGGERED CENTRES GENERALLY AND AT 225mm VERTICAL CENTRES TO REVEALS. ENSURE TYPE OF TIE IS COMPATIBLE WITH FORM OF INSULATION PROPOSED.
 - ALL PADSTONES TO MINIMUM CONCRETE GRADE OF 40N/mm² WITH 20 AGGREGATE.

- TIMBER:**
- TIMBER JOIST LAYOUT TO BE DESIGNED BY SPECIALIST CONTRACTOR.
 - ALL WALLPLATES ON MASONRY WALLS TO BE STRAPPED DOWN USING 30x2.5 GALVANIZED STRAPS, MINIMUM 1000 LONG AT MAXIMUM 2000 CENTRES.
 - WHERE NOTED ON PLAN, PROVIDE 30x5 GALVANIZED RESTRAINT STRAPS FIXED ACROSS A MINIMUM OF 3 JOISTS OR RAFTERS AT MAXIMUM 2000 CENTRES. PROVIDE NOGGINS BETWEEN TIMBER MEMBERS AND PACKING TO WALL.
 - ALL FIXING OF RESTRAINT STRAPS AND HOLDING DOWN STRAPS TO BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
 - ALL TRIMMERS TO HOLES OR OPENINGS IN TIMBER FLOORS OR ROOFS TO BE FIXED USING PROPRIETARY JOIST HANGERS. SKEW NAILING IS NOT ACCEPTABLE.
 - UNLESS NOTED ALL JOIST HANGERS TO BE SAFETY FAST MASONRY RESTRAINT HANGERS BY SIMPSON STRONG-TIE BUILDING PRODUCTS OR SIMILAR APPROVED. TYPE TO SUIT JOIST DEPTH AND CONFIGURATION.



KEY PLAN
SCALE - (1:250)

TENDER

T1
P3
P2
P1

TENDER ISSUE
UPDATED TO LATEST DETAILS
LINTELS ADDED, ROOF TYPE UPDATED.
INITIAL ISSUE

JM
JM
JM
KD

IP
IP
IP
CW

14.10.24
11.10.24
04.10.24
08.09.24

Rev.

Revisions

By

Chk

Date

RHA

CHARTERED CIVIL AND
STRUCTURAL ENGINEERS

Unit 14 Weston Barns, Hitchin Road, Weston, Herts SG4 7AX
Telephone: 01438 350933 • www.richardhatton.co.uk

Project:

WARE PRIORY LIDO

Drawing Title:

PROPOSED EXTENSION
SUPERSTRUCTURE

Date:

SEPT 24

Scale:

1:50

Drawn:

KD

Chkd:

CW

Original Size

A1

Job No:

5361

Dwg No:

15

Rev.

T1

Contractor to check all dimensions on site. Do not scale.
Report any discrepancies to Engineer immediately. Read
in conjunction with all other relevant drawings and
specifications. © This drawing is copyright. Do not
reproduce in whole or part without written consent.