

PART PLAN ON ROOF SHOWING CHILLER LOCATION

EXISTING TWO STOREY MODULAR ACCOMMODATION ON EXISTING STEEL FRAME.

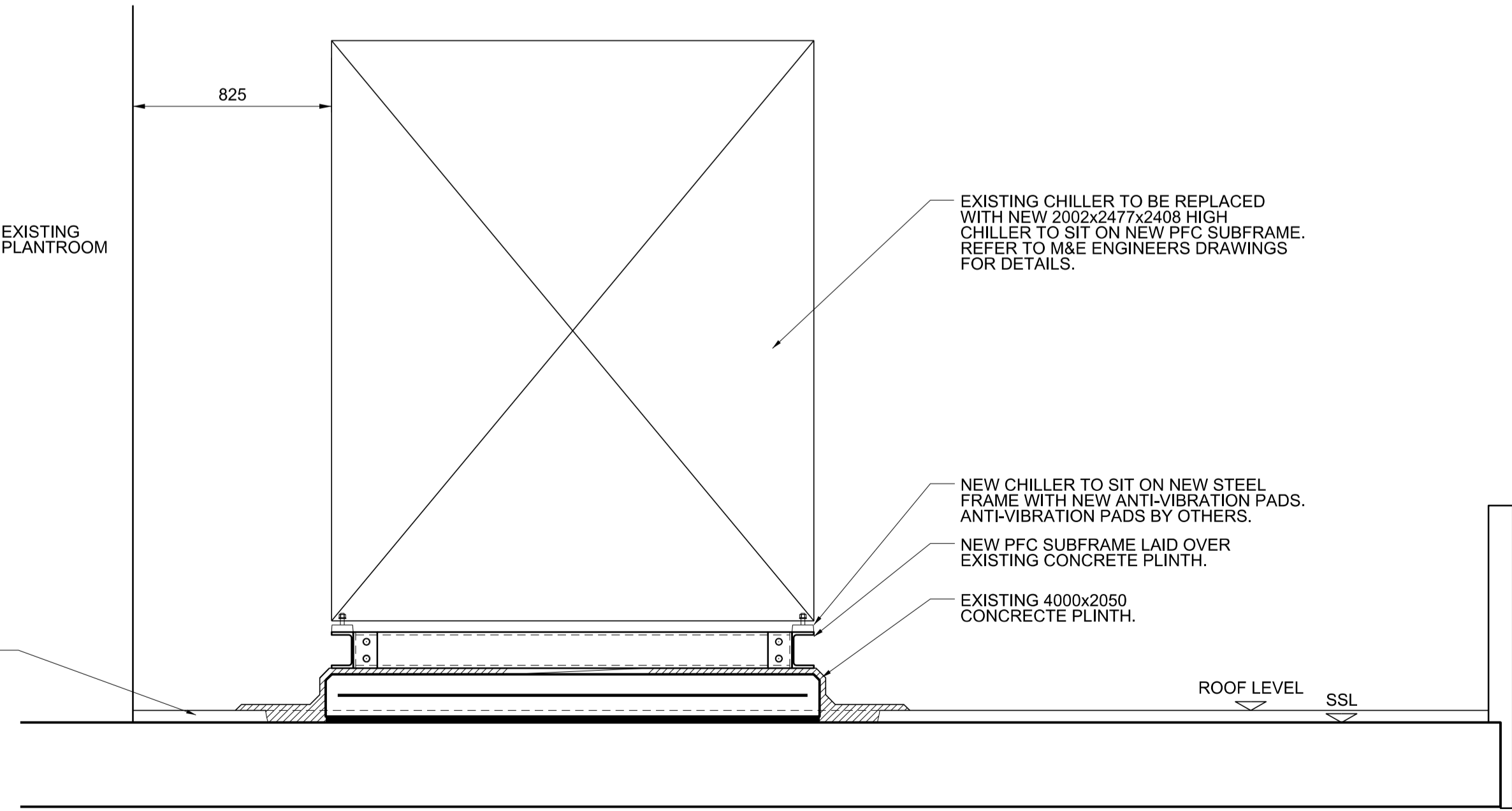
EXISTING CHILLER TO BE REPLACED WITH NEW 2002x2477x2408 HIGH CHILLER TO SIT ON NEW PFC SUBFRAME. REFER TO M&E ENGINEERS DRAWINGS FOR DETAILS.

EXISTING 4000x2050 CONCRETE PLINTH.

ALL NEW STEELWORK IS TO BE GALVANIZED POST FABRICATION.

IMPRESSIONS IN EXISTING ASPHALT COVER MADE BY 8 No. EXISTING ANTI-VIBRATION PADS TO BE FILLED IN AND REPAIRED WITH ASPHALT.

THICKNESS AND DETAILS OF EXISTING ROOF FINISHES UNKNOWN.



SECTION A-A  
SCALE 1:20

GENERAL NOTES

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL THE RELEVANT CIVIL, STRUCTURAL, ARCHITECTURAL AND M&E DRAWINGS AND SPECIFICATIONS.
2. DO NOT SCALE THIS DRAWING. USE WRITTEN DIMENSIONS ONLY. ANY DISCREPANCIES SHALL BE REPORTED TO W&A FOR CLARIFICATION.
3. ANY GRID LINES, BUILDING LINES, ETC., ARE TO BE SET-OUT IN ACCORDANCE WITH THE RELEVANT ARCHITECT'S DRAWINGS.
4. DIMENSIONS NOTED THUS: \* ARE TO BE CONFIRMED ON SITE.
5. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
6. ALL LEVELS ARE IN METRES UNLESS NOTED OTHERWISE.
7. ALL DIMENSIONS ARE TO BE CONFIRMED ON SITE BY CONTRACTOR BEFORE COMMENCEMENT OF WORKS. ANY DEVIATIONS FOUND ARE TO BE REPORTED TO THE ENGINEER.
8. ALL DIMENSIONS TAKEN FROM EXISTING STRUCTURE ARE TO BE CHECKED PRIOR TO WORK COMMENCING.

STEELWORK NOTES

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL THE RELEVANT CIVIL, STRUCTURAL, ARCHITECTURAL AND M&E DRAWINGS AND SPECIFICATION.
2. ALL STRUCTURAL STEELWORK AND WORKMANSHIP TO BE \*IN ACCORDANCE WITH BS 5950.
3. ALL STRUCTURAL STEELWORK TO BE GRADE S275 JO TO \*BS EN 10 025 UNLESS NOTED OTHERWISE.
4. ALL BOLTS TO BE GRADE 8.8 TO BS 4190 UNLESS NOTED OTHERWISE.
5. ALL HOLE DIAMETERS FOR ORDINARY BOLTS SHALL BE 2mm GREATER THAN THE BOLT DIAMETER.
6. ALL CONNECTIONS TO BE DESIGNED BASED ON PROVIDED DESIGN FORCES BUT NOT LESS THAN 4 No. M16 GRADE 8.8 BOLTS U.N.O.
7. MINIMUM PLATE THICKNESS TO BE 10mm UNLESS NOTED OTHERWISE.
8. ALL STEELWORK CONNECTIONS SHALL BE CONTRACTOR DESIGNED.
9. ALL WELDS TO BE A MINIMUM OF 6mm FILLET WELDS ALL ROUND UNLESS NOTED OTHERWISE.
10. ALL WELDING TO BE IN ACCORDANCE WITH BS-EN 1101-1. ALL RELEVANT INSPECTIONS TO BE CARRIED OUT AT CONTRACTORS COST.
11. ALL EXPOSED STEELWORK TO BE HOT DIP GALVANISED POST FABRICATION.
12. ALL STRUCTURAL STEELWORK TO COMPLY WITH THE NATIONAL STRUCTURAL STEELWORK SPECIFICATION. ALL EXPOSED INTERNAL STEELWORK SHALL BE SITE PAINTED WITH FINISHING COATS BY MAIN CONTRACTOR IN ACCORDANCE WITH THE ARCHITECTS SPECIFICATIONS. WHERE AN INTUMESCENT PAINT IS REQUIRED, COMPATIBILITY OF THE PRIMER BY THE FABRICATOR SHALL BE AGREED BETWEEN THE ARCHITECT AND THE FABRICATOR.
13. THE STEELWORK CONTRACTOR SHALL BE RESPONSIBLE FOR STABILITY OF THE STRUCTURE DURING ALL STAGES OF ERECTION.
14. ANY FIRE PROTECTION TO STEELWORK TO BE TO ARCHITECT'S SPECIFICATION.

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|------|------------|------------------------------|-----------|
| B    | 14/04/2023 | ANTI-VIBRATION PADS REVISED. | SG        |
| A    | 24/03/2023 | CONSTRUCTION ISSUE.          | SG        |
| Rev: | Date:      | Description:                 | Initials: |

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Client: **ROYAL FREE LONDON NHS FOUNDATION TRUST**

Project: **ITU CHILLERS UPGRADE**

Drawing Title: **CHILLER REPLACEMENT ON EAST WING**

Scale: 1:50 @ A1 UOS

|                 |                |         |              |
|-----------------|----------------|---------|--------------|
| Originated:     | SG             | Date:   | MAR 2023     |
| Checked:        | ---            | Date:   | MAR 2023     |
| Drawing Number: | 22-2353-ST-001 |         |              |
| Revisions:      | B              | Status: | CONSTRUCTION |