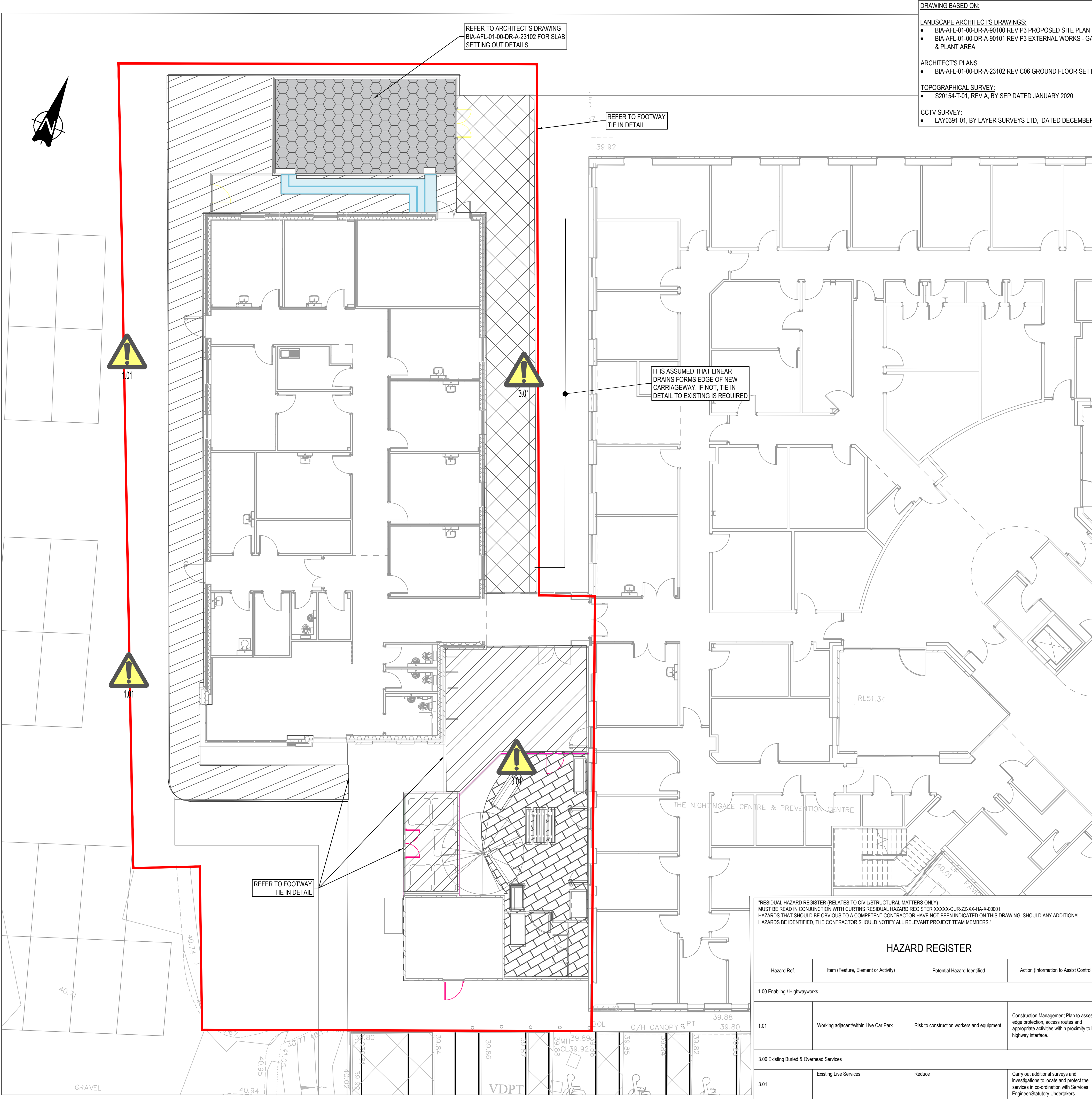




- DRAWING BASED ON:
- LANDSCAPE ARCHITECT'S DRAWINGS:
- BIA-AFL-01-00-DR-A-90100 REV P3 PROPOSED SITE PLAN
 - BIA-AFL-01-00-DR-A-90101 REV P3 EXTERNAL WORKS - GARDEN, BIN STORE & PLANT AREA
- ARCHITECT'S PLANS
- BIA-AFL-01-00-DR-A-23102 REV C06 GROUND FLOOR SETTING OUT
- TOPOGRAPHICAL SURVEY:
- S20154-T-01, REV A, BY SEP DATED JANUARY 2020
- CCTV SURVEY:
- LAY0391-01, BY LAYER SURVEYS LTD, DATED DECEMBER 2019

- ESTIMATED SITE BOUNDARY BASED ON ARCHITECTS DRAWING BIA-AFL-01-00-DR-A-90101-P13
- PAVING TYPE P1:
TARMAC FOOTPATH
LIGHT VEHICLE LOADING
- PAVING TYPE P2:
TARMAC FOOTPATH
HEAVY VEHICLE LOADING
- PAVING TYPE P3:
IN-SITU CONCRETE SLAB - BRUSHED FINISH
HEAVY VEHICLE LOADING
- PAVING TYPE P4:
EXISTING PAVING TO BE REPLACED
PAVERS ONLY - PEDESTRIAN LOADING ONLY
- PROPOSED SERVICE TRENCH EXTENTS (BY OTHERS)

DESIGN BASED ON TABLE 3.18c OF CD239 (HEAVY VEHICLE LOADING) EXACT LOADING REQUIREMENTS TBC BY ARCHITECT

- 20mm OF AC6 DENSE SURF 100/150 TO CLAUSE 909 OF SHW & BS EN 13108-1.
- 50mm AC20 DENSE BIN 40/60 TO CLAUSE 906 SHW & BS EN 13108-1.
- 225mm SUB BASE- TYPE 1 GRANULAR MATERIAL TO CLAUSE 803 OF SHW.
- 155mm CAPPING BASE TO COMPLY WITH BS EN 7533-12. (TO PROVIDE MIN 450mm)*

PAVING TYPE P01 - TARMAC FOOTPATH
LIGHT VEHICLE LOADING
(IN ACCORDANCE WITH CD239)

*FORMATION CONSIDERED FROST SUSCEPTIBLE. ADDITIONAL CAPPING MATERIAL IS PROPOSED TO GIVE A MINIMUM DEPTH OF 450mm OVERALL CONSTRUCTION THICKNESS.

DESIGN BASED ON TABLE 3.18c OF CD239 (HEAVY VEHICLE LOADING) EXACT LOADING REQUIREMENTS TBC BY ARCHITECT

- 25mm OF AC6 DENSE SURF 100/150 TO CLAUSE 909 OF SHW & BS EN 13108-1.
- 90mm AC20 DENSE BIN 40/60 TO CLAUSE 906 SHW & BS EN 13108-1.
- 335mm SUB BASE- TYPE 1 GRANULAR MATERIAL TO CLAUSE 803 OF SHW. (INCREASED TO PROVIDE MIN 450mm)

PAVING TYPE P02 - TARMAC FOOTPATH
HEAVY VEHICLE LOADING
(IN ACCORDANCE WITH CD239)

*FORMATION CONSIDERED FROST SUSCEPTIBLE. ADDITIONAL CAPPING MATERIAL IS PROPOSED TO GIVE A MINIMUM DEPTH OF 450mm OVERALL CONSTRUCTION THICKNESS.

DESIGN BASED ON TABLE 8 OF TR66 (HEAVY VEHICLE LOADING - 1msa) EXACT LOADING REQUIREMENTS TBC BY ARCHITECT

- 200mm C40/50 CONCRETE SLAB BRUSHED FINISH
- A393 MESH IN TOP OF SLAB
- 250mm SUB BASE- TYPE 1 GRANULAR MATERIAL TO CLAUSE 803 OF SHW. (INCREASED TO PROVIDE MIN 450mm)*

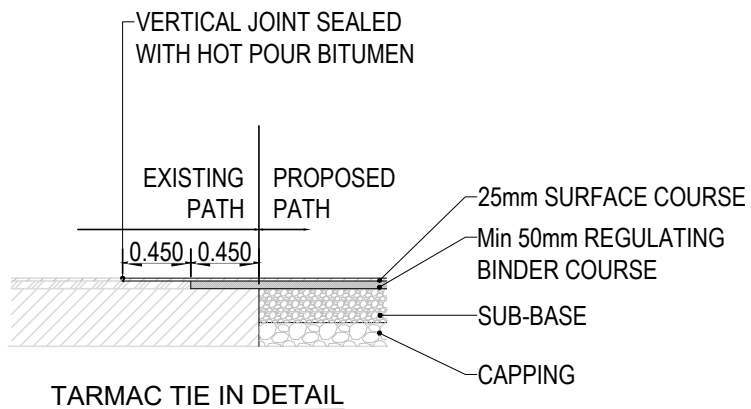
PAVING TYPE P03 - CONCRETE SLAB
HEAVY VEHICLE LOADING
(IN ACCORDANCE WITH TR66)

*FORMATION CONSIDERED FROST SUSCEPTIBLE. ADDITIONAL CAPPING MATERIAL IS PROPOSED TO GIVE A MINIMUM DEPTH OF 450mm OVERALL CONSTRUCTION THICKNESS.

CONSTRUCTION BUILD-UPS BASED ON CBR >2.5%. FINAL CBR AT FORMATION TBC ON SITE

VEHICULAR LOADING BASED ON ASSUMED MAINTENANCE VEHICLES. FINAL VEHICLE TYPES TBC BY ARCHITECT, AND MAY REQUIRE AMENDMENT OF EXTERNAL CONSTRUCTION.

ALL MEWPS TO BE OPERATED WITH SPREADER PATES TO PROTECT SURFACE COURSE.



GENERAL NOTES:

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.
- DO NOT SCALE THIS DRAWING. ANY AMBIGUITIES, OMISSIONS AND ERRORS ON DRAWINGS SHALL BE BROUGHT TO THE ENGINEERS ATTENTION IMMEDIATELY. ALL DIMENSIONS MUST BE CHECKED / VERIFIED ON SITE.
- ALL WORKS AND MATERIALS TO BE IN ACCORDANCE WITH CURRENT BRITISH STANDARDS AND BUILDING REGULATIONS.
- THE LANDSCAPE ARCHITECT'S DRAWING HAS BEEN USED AS A BASE FOR THIS PLAN. PLEASE REFER TO THE LATEST LANDSCAPING LAYOUT.
- REFER TO LANDSCAPE ARCHITECTS SPECIFICATION FOR SURFACE FINISHES.
- ALL SUB-BASES AND CAPPING LAYERS TO BE GRADED AND COMPACTED IN ACCORDANCE WITH THE SPECIFICATION FOR HIGHWAY WORKS (SFHW).
- ALL PAVEMENT CONSTRUCTIONS ARE BASED ON AN ASSUMED CBR VALUE OF 5%. TO BE CONFIRMED BY INSITU TESTING AT FORMATION.
- IT IS RECOMMENDED THAT CBR TESTS ARE CARRIED OUT TO CONFIRM AND SUB-BASE ADJUSTED IN ACCORDANCE WITH THE CAPPING AND SUB-BASE THICKNESS TABLE.
- CBR TEST PROCEDURE IS DETAILED WITHIN DMRB IAN73/06 AND BS 1377-4.
- MEASURED CBR VALUE TO BE AT FORMATION LEVEL AND TO BE A 'SOAKED' CONDITION.
- ANY VARIATIONS IN GROUND CONDITIONS SHOULD BE NOTIFIED TO THE ENGINEER PRIOR TO CONSTRUCTION.
- THE CONSTRUCTION DEPTHS GIVEN ARE THE MINIMUM REQUIRED (COMPACTED).
- THE CONSTRUCTION DEPTHS GIVEN ASSUME FORMATION IS NON-FROST SUSCEPTIBLE.
- WHERE FORMATION IS FROST SUSCEPTIBLE PROVIDE CAPPING MATERIAL TO GIVE A MINIMUM 450mm OVERALL CONSTRUCTION THICKNESS.
- THE CONSTRUCTIONS GIVEN ARE FOR PRIVATE AREAS ONLY AND NOT FOR ADOPTABLE AREAS.
- IN AREAS WHERE LEVELS ARE TO BE RAISED, ACCEPTABLE FILL MATERIAL IS TO BE USED TO THE UNDERSIDE OF THE PROPOSED CONSTRUCTION MAKE UP.
- NO REGULATING OR FILL MATERIAL HAS BEEN INCLUDED IN CONSTRUCTION BUILD UP. CONTRACTOR TO INCLUDE FOR REGULATING/FILL MATERIAL IN THEIR RATES.
- IN AREAS WHERE LEVELS ARE TO BE LOWERED, EXISTING CONSTRUCTION IS TO BE REMOVED (FULL DEPTH).
- TYPE 1 SUB-BASE IN ACCORDANCE WITH SFHW.
- CAPPING MATERIAL TO BE 6F1, 6F2 OR 6F5 MATERIAL IN ACCORDANCE WITH SFHW 600 SERIES.
- KERB TYPES TO ARCHITECTS DETAILS -TBC

C01	CONSTRUCTION ISSUE	20/02/25	ATL	MW
P03	CONCRETE PLINTHS REMOVED	29/08/23	ATL	ATL
P02	PAVING TYPE 3 ADDED	28/07/23	ATL	MW
P01	STAGE 3 ISSUE	19/05/23	ATL	MW
Rev:	Description:	Date:	By:	Chkd:

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Status: CONSTRUCTION S4

Project: NATIONAL BREAST IMAGING ACADEMY WYTHENSHAW HOSPITAL

Orig Title: PROPOSED EXTERNAL WORKS

Size:	Date:	Drawn By:	Designed By:	Checked By:
A1	10/01/20	ATL	ATL	MW
Scale: 1:100				
Project No:	Originator:	Volume:	Level:	Type:
072094 - CUR - 01 - XX - DR - C -				
94000 - C01				