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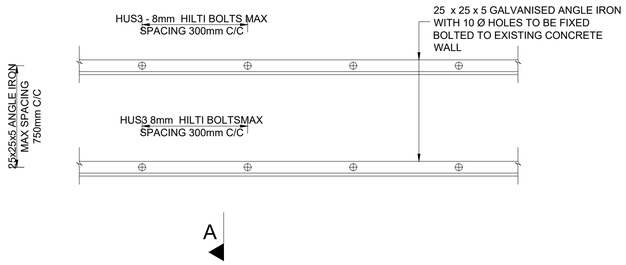
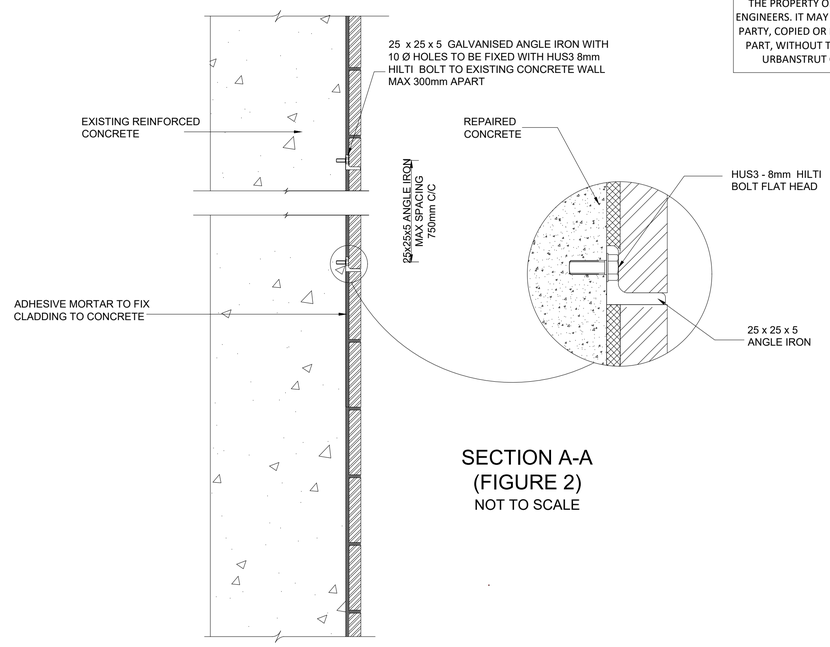
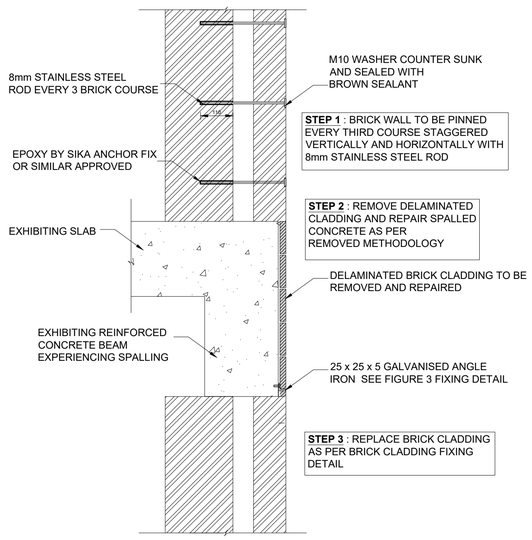


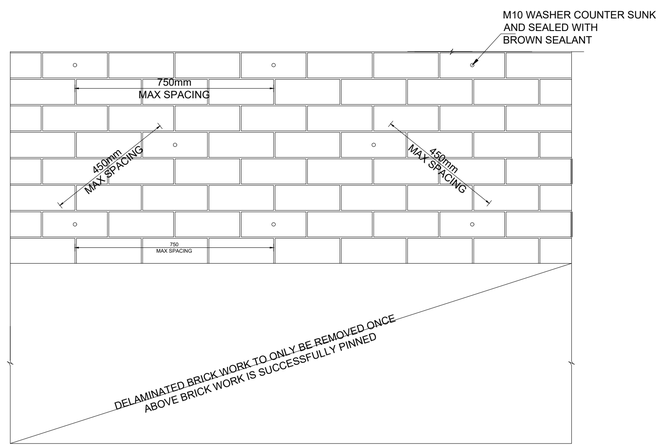
NEW BRICK CLADDING FIXING DETAIL
(FIGURE 1)
NOT TO SCALE



SECTION A-A
(FIGURE 2)
NOT TO SCALE



METHODOLOGY FOR CLADDING REPAIR OVER BEAMS
(FIGURE 3)
NOT TO SCALE



ELEVATION B-B
(FIGURE 4)
NOT TO SCALE

GENERAL NOTES:

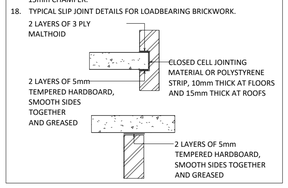
1. THIS DRAWING TO BE READ IN CONJUNCTION WITH ARCHITECTS DRAWINGS.
2. ALL DIMENSIONS ARE IN mm AND ARE TO BE CHECKED ON SITE. ANY DISCREPANCIES TO BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
3. BEAM SIZES ARE GIVEN BREADTH x DEPTH.
4. CONCRETE COVER TO REINFORCING IS TO BE MAINTAINED BY THE USE OF EITHER NYLON SPACERS OR PRECAST CONCRETE BLOCKS WITH GALVANISED BINDING WIRES CAST IN.
5. REINFORCED CONCRETE :
   REQUIRED CHARACTERISTIC CUBE STRENGTH AT 28 DAYS SHALL BE AS FOLLOWS:

FOUNDATIONS	30MPa
COLUMNS	40MPa
BEAMS, SLABS & STAIRS	30MPa
RETAINING WALLS	30MPa

6. FOUNDATIONS ARE DESIGNED FOR A MAXIMUM SAFE BEARING LOAD OF 100 KPa.
7. FLOORS ARE DESIGNED FOR A MAXIMUM CHARACTERISTIC ULS IMPOSED LOAD (LIVE LOAD) OF 1.5 kPa, PLUS AN ALLOWANCE FOR MOVABLE PARTITIONS OF 0 kPa.
8. CONCRETE COVER TO REINFORCING SHALL BE AS FOLLOWS :

FOUNDATIONS	50mm
COLUMNS	30mm
R/C WALLS	50mm
BEAMS	30mm
SLABS (SUSPENDED)	30mm
STAIRS	30mm

9. ALL WORK SHALL COMPLY WITH SANS 1200.
10. DESIGN HAS BEEN CARRIED OUT IN ACCORDANCE WITH SANS 10100, 10160, 10161, 10162, 10163 AND 10164 AS APPLICABLE.
11. THE WORKS WILL BE INSPECTED FROM TIME TO TIME BY THE CONSULTING ENGINEER TO ASCERTAIN THAT THE CONTRACTOR IS CARRYING OUT THE WORK IN GENERAL CONFORMITY WITH THE ENGINEERING DRAWINGS AND DOCUMENTS. SUCH INSPECTIONS ARE NOT CARRIED OUT FOR THE BENEFIT OF THE CONTRACTOR, AND DO NOT RELIEVE HIM OF THE RESPONSIBILITY FOR THE PROPER CONSTRUCTION OF THE WORKS IN ACCORDANCE WITH THE ENGINEERING DRAWINGS, DOCUMENTS AND GOOD BUILDING PRACTICE.
12. ALL WALLS INDICATED ▨ ARE LOAD BEARING AND MUST BE CONSTRUCTED TO FULL HEIGHT BEFORE ANY CONCRETE IS CAST.
13. ALL LOAD BEARING BRICKWORK TO HAVE A CHARACTERISTIC CRUSHING STRENGTH OF 14 MPa. CLASS 1 MORTAR.
14. RETAINING WALLS TO BE BUILT IN ENGLISH BOND WITH BRICKFORCE REINFORCEMENT EVERY THIRD COURSE.
15. ALL FLOOR LEVELS, UNLESS OTHERWISE INDICATED, ARE STRUCTURAL SLAB LEVELS.
16. THE ONUS RESTS WITH THE CONTRACTOR TO NOTIFY THE ENGINEER TO INSPECT THE WORKS BEFORE ANY CONCRETE IS CAST. NO CERTIFICATE OF STABILITY WILL BE ISSUED UNLESS THE ENGINEER HAS PERFORMED SUCH INSPECTIONS.
17. ALL EXPOSED OR UN-PLASTERED CONCRETE EDGES TO RECEIVE 15 x 15mm CHAMFER.
18. TYPICAL SLIP JOINT DETAILS FOR LOADBEARING BRICKWORK.



NO.	DESCRIPTION	DATE
0	ISSUED FOR TENDER	2024-05-30

CLIENT:
THE PLAY HOUSE COMPANY

PROJECT:
REPAIR AND REFURBISHMENT OF THE PLAY HOUSE COMPANY HEAD OFFCIE

urbanstrut CONSULTING ENGINEERS

DRAWING TITLE:
REPAIR DETAILS

SCALE:	As indicated
DATE:	30 MAY 2024
DRAWN BY:	Y. SOOKAI
CHECKED BY:	D GOVENDER
APPROVED BY:	D GOVENDER Pr.Eng.

DRAWING No:	REV:	SIGNED:
1043	0	

PAGE SIZE = A1