



- NOTES**
- DO NOT SCALE FROM THIS DRAWING.
 - ALL LEVELS IN METRES UNLESS NOTED OTHERWISE ON DRAWING.
 - ALL DIMENSIONS AND LEVELS TO BE CHECKED ON SITE PRIOR TO UNDERTAKING ANY WORKS, ORDERING MATERIALS OR FABRICATING ANY COMPONENTS.
 - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ENGINEER'S AND ARCHITECT'S DRAWINGS AND RELEVANT SPECIFICATION CLAUSES.

- KEY**
- SRJ DENOTES STRESS RELEASE JOINT IN CONC SLAB (REFER DETAIL)
 - EXJ DENOTES EXPANSION JOINT IN CONC SLAB (REFER DETAILS)
 - IJ DENOTES ISOLATION JOINT AROUND STRUCTURES IN CONC SLAB (REFER DETAILS)
 - [Symbol] DENOTES PROPOSED SURFACE CHANNEL & GULLY.

CONC. TO BE 200MM THICK C32/40 WITH A393 MESH ON THE BOTTOM AND A193 MESH ON THE TOP. TOTAL AREA OF REINFORCEMENT IS 1000mm²/m². MOVEMENT JOINT - 12mm DOWEL @ MAX 250 C/C.

MESH (T) 65mm COVER, TO TERMINATE 65mm FROM JOINT

40mm COVER FOR 200mm SLAB

INDUCED CRACK

CRACK INDUCER

STRESS RELEASE JOINT (SRJ)

1/20

CONC. TO BE 200MM THICK C32/40 WITH A393 MESH ON THE BOTTOM AND A193 MESH ON THE TOP. TOTAL AREA OF REINFORCEMENT IS 1000mm²/m². MOVEMENT JOINT - 12mm DOWEL @ MAX 250 C/C.

EXTERNAL APRON/FOOTWAY SLAB

NO FINES CONC

ISOLATION JOINT AT EXTERNAL PERIMETER WALL (IJ)

1/20

CONC. TO BE 200MM THICK C32/40 WITH A393 MESH ON THE BOTTOM AND A193 MESH ON THE TOP. TOTAL AREA OF REINFORCEMENT IS 1000mm²/m². MOVEMENT JOINT - 12mm DOWEL @ MAX 250 C/C.

MESH (T) 65mm COVER, TO TERMINATE 65mm FROM JOINT

DOWEL CAPS END FILLED WITH COMPRESSIBLE MATERIAL

HALF BAR COATED WITH BOND-BREAKING COMPOUND OR USE SLEEVE

12mm DOWELS 900mm LONG (@ 300mm CTS) CENTRAL IN SLAB

PROVISION MUST BE MADE TO SUPPORT THE DOWELS AND MAINTAIN THEIR ACCURATE ALIGNMENT WHILE THE FIRST CONC POUR HARDENS

EXPANSION JOINT DETAIL (EXJ)

1/20

NOT FOR CONSTRUCTION

SI	NO	DATE	DESCRIPTION	By	CHKD	Appr	Auth
S1	P01	27.07.22	AMENDED LAYOUT				
S1	P01	13.07.22	FIRST ISSUE				

DRAWING TITLE:
HUWS GRAY, BRYN CEGIN INDUSTRIAL ESTATE, LLANDYGAI

PROPOSED EXTERNAL SLAB DESIGN

PROJECT	ORIGINATOR	VOL.	LOC.	TYPE	ROLE
017321	CCE	V1	XX	40:40:01	C
CLASSIFICATION	No.	SUITABILITY	REVISION		
50:30	0010	S1	P02		

ORIGINATOR	DATE	SCALE	ORIGINAL SIZE
B.Thorne	13.07.2022	1:500	A1



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