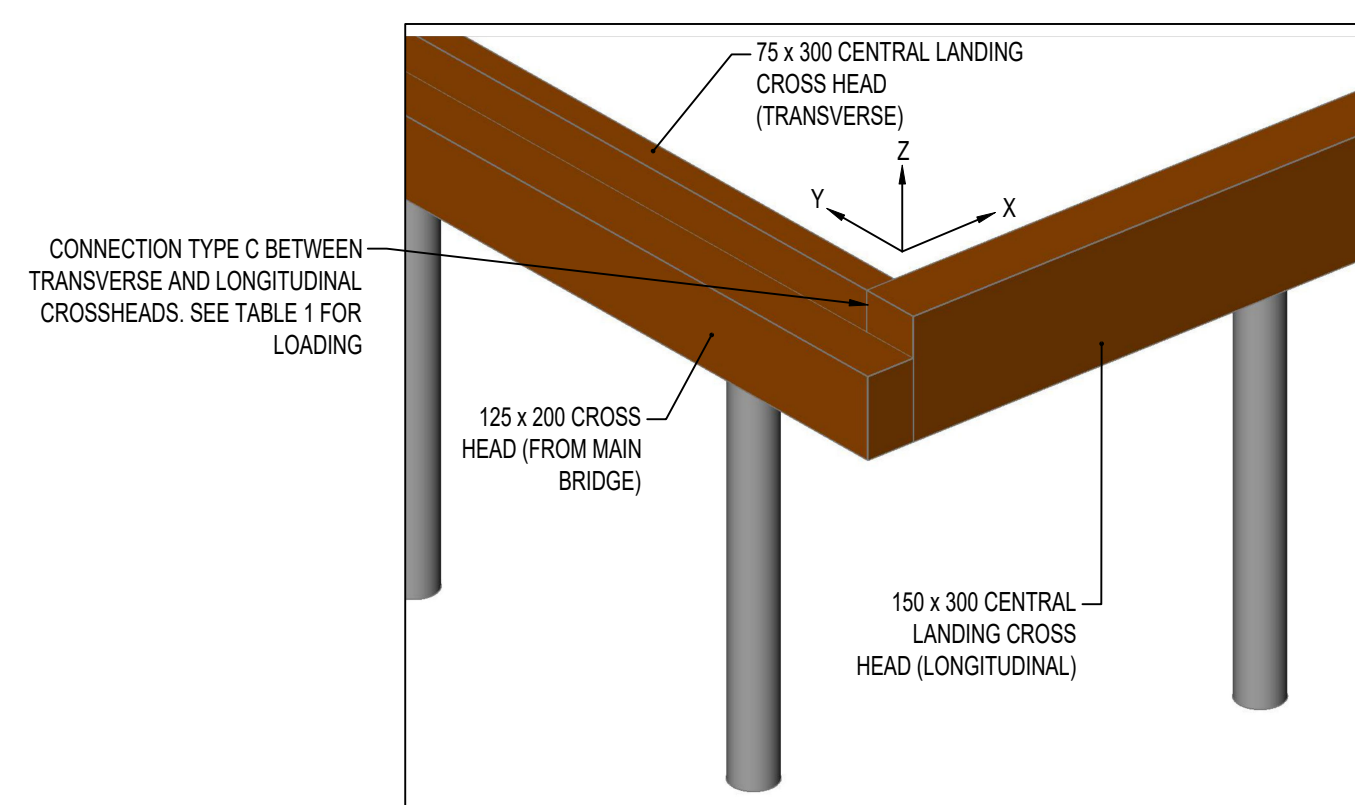
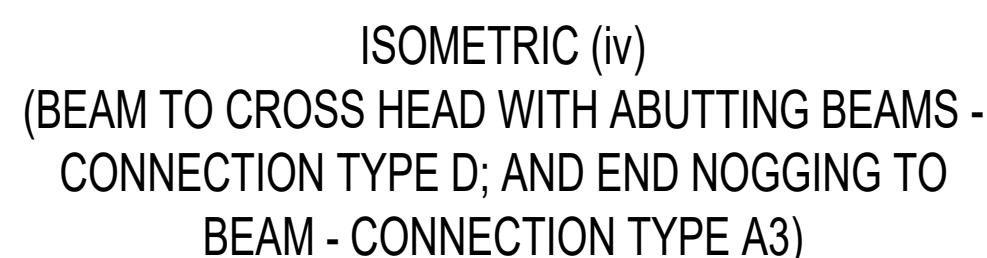
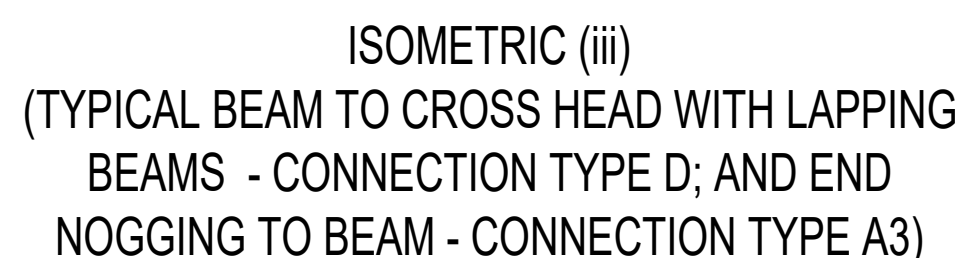
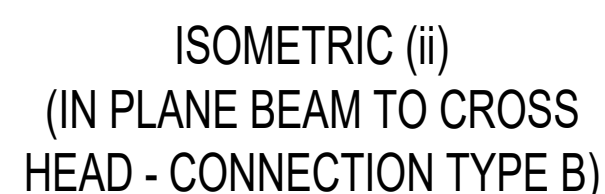
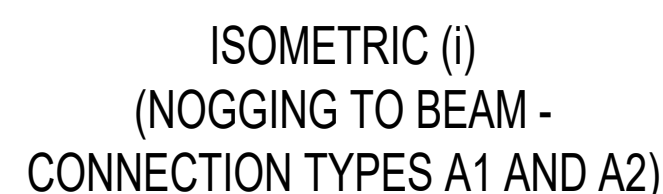
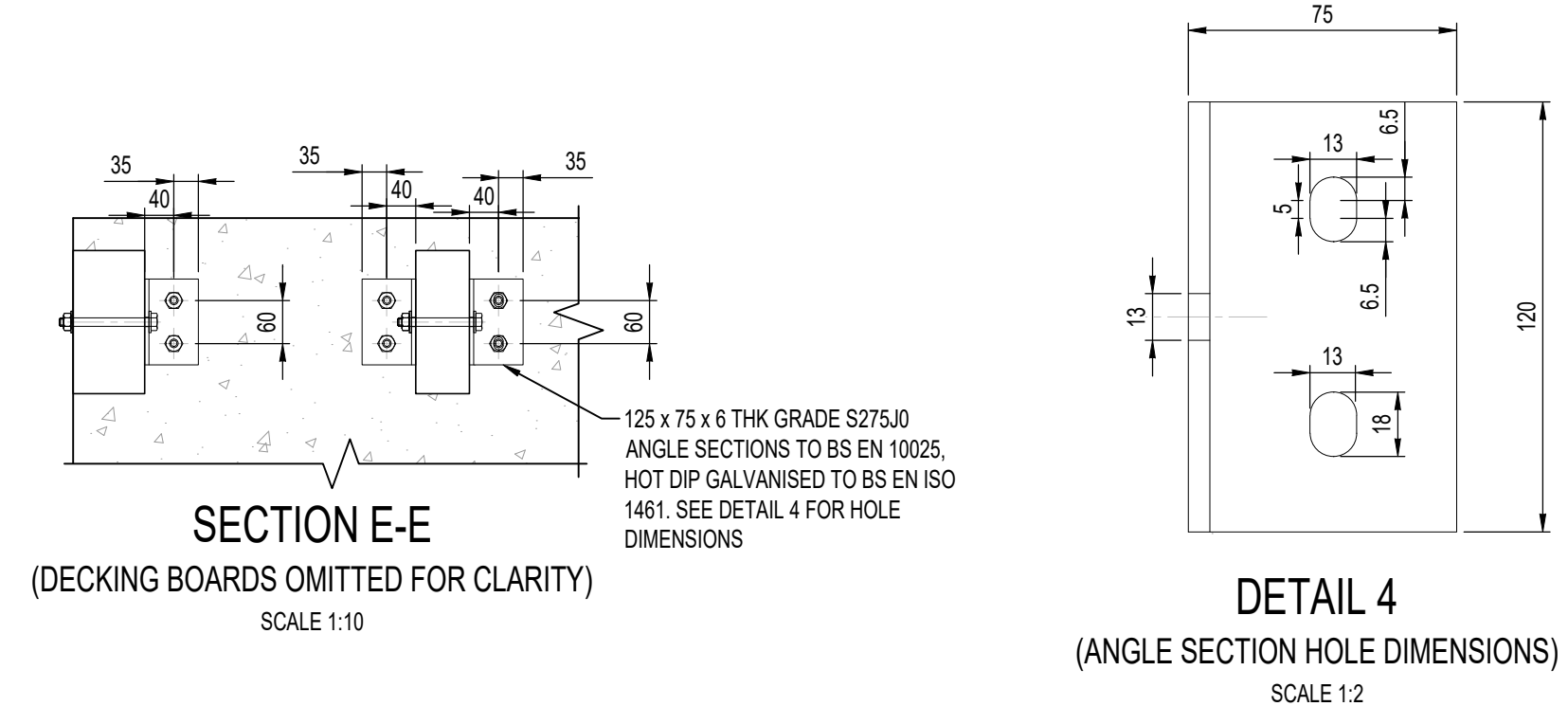
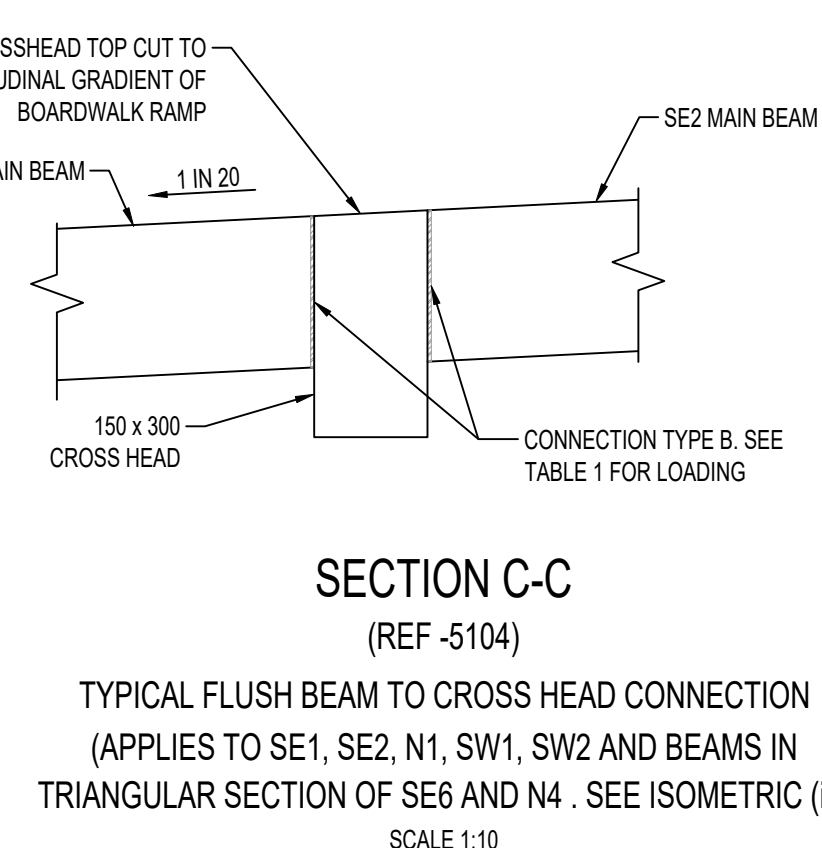
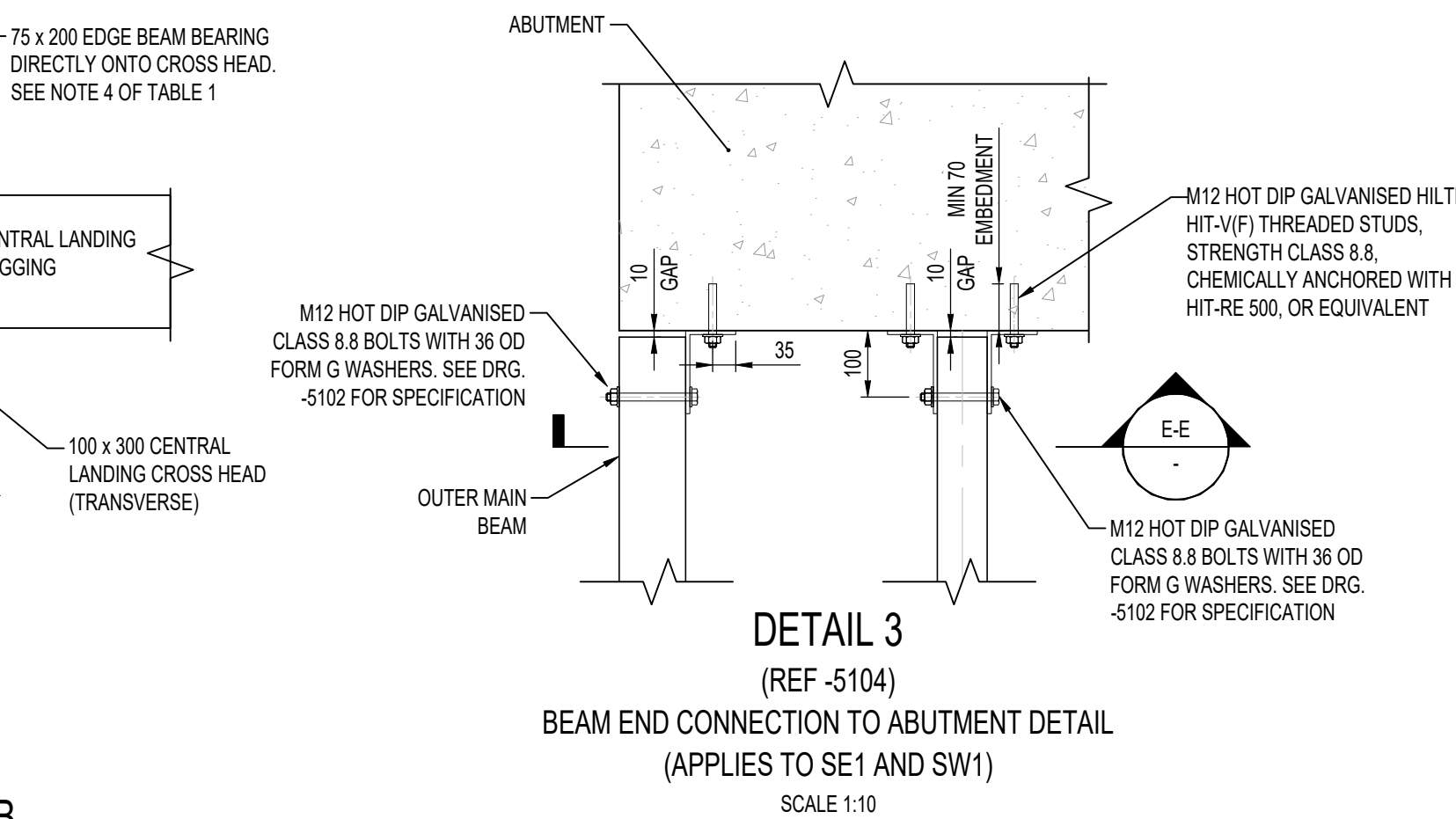
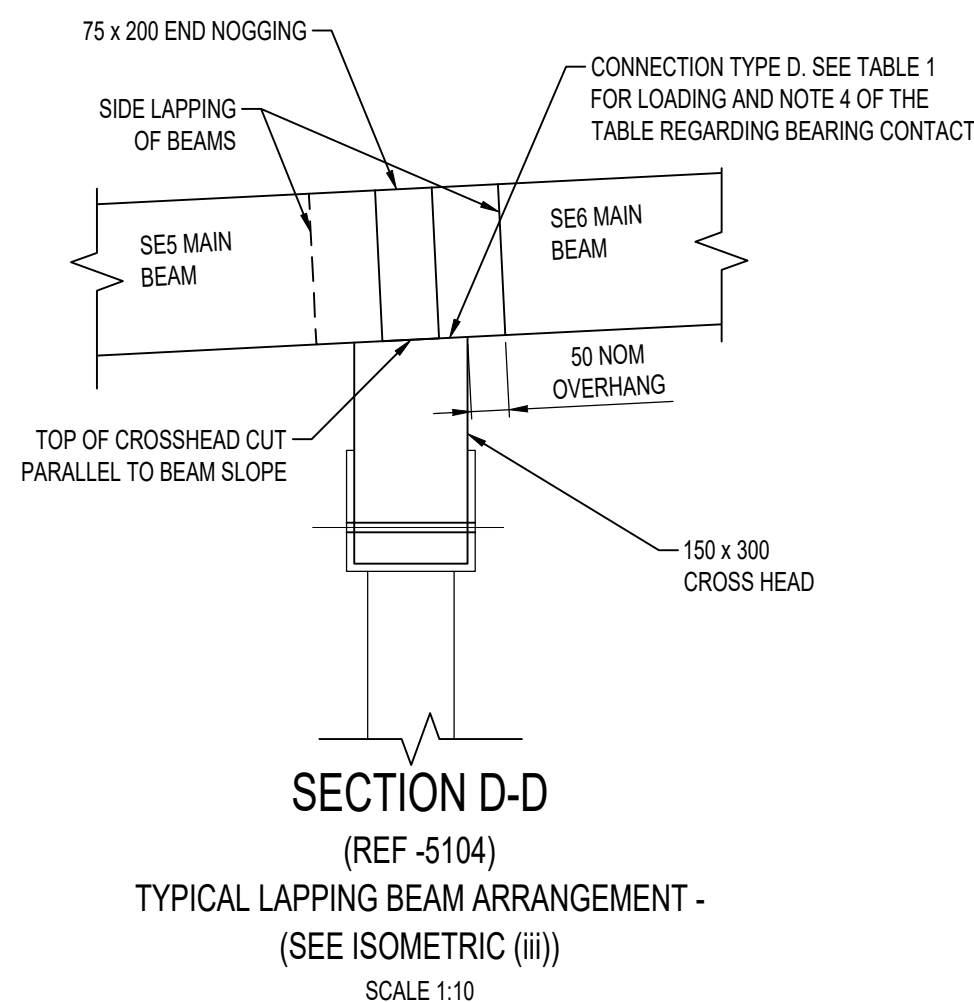
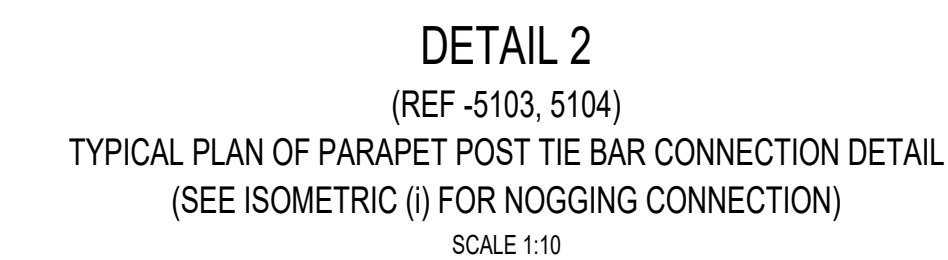
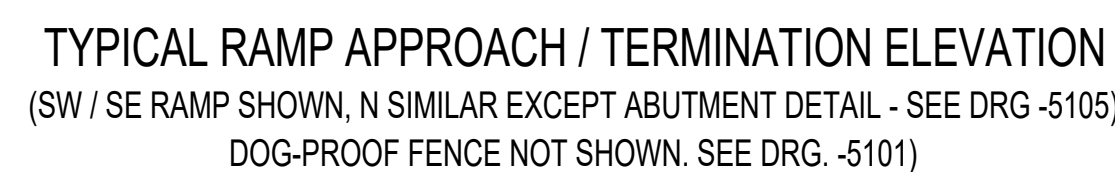




DETAIL 1 - ISOMETRIC (v)
(REF -5103)
LONGITUDINAL TO TRANSVERSE CROSS HEAD CONNECTION TYPE (C)
(MAIN BEAMS OMITTED FOR CLARITY)



		CONNECTION TYPE											
(A1) NOGGING TO BEAM CONNECTION FOR TRIANGULAR SECTION OF MODULES S6B AND N4 (SEE DETAIL 2 AND ISOMETRIC (i))			(A2) NOGGING TO BEAM CONNECTION FOR ALL OTHER LOCATIONS (SEE DETAIL 2 AND ISOMETRIC (i))		(A3) END NOGGING TO BEAM CONNECTION FOR ALL LOCATIONS (SEE ISOMETRIC (iii) AND (iv))		(B) IN-PLANE BEAM TO CROSS BEAM CONNECTION (SEE SECTION C-6 AND ISOMETRIC (vj))		(C) LONGITUDINAL TO TRANSVERSE CROSS HEAD CONNECTION (SEE DETAIL 1 - ISOMETRIC (vi))		(D) BEAM TO CROSS HEAD TIE (SEE SECTIONS AA, B-B, D-D AND ISOMETRIC (iii) AND (iv))		
AXIS	FORCE	MOMENT	FORCE	MOMENT	FORCE	MOMENT	FORCE	MOMENT	FORCE	MOMENT	FORCE	MOMENT	
X	+/- 5.5 kN	PINNED	+/- 6.3 kN	PINNED	0 kN	+/-4.1 kNm	+/-12.8 kN	PINNED	+/-6.6 kN	PINNED	+/-11.8 kN	PINNED	
Y	0 kN	+/-5.8 kNm	+/-4.8 kNm	PINNED	+/- 6.3 kN	PINNED	+/-2.1 kNm	PINNED	+/-6.6 kN	PINNED	+/-5.7 kN	PINNED	
Z	+/-9.5 kN	PINNED	+/-10.5 kN	PINNED	0 kN**	PINNED	+/-13 kN	PINNED	-19 kN	PINNED	1 kN**	PINNED	

TABLE 1. LOAD SUMMARY TABLE

** SEE NOTE 4 BELOW

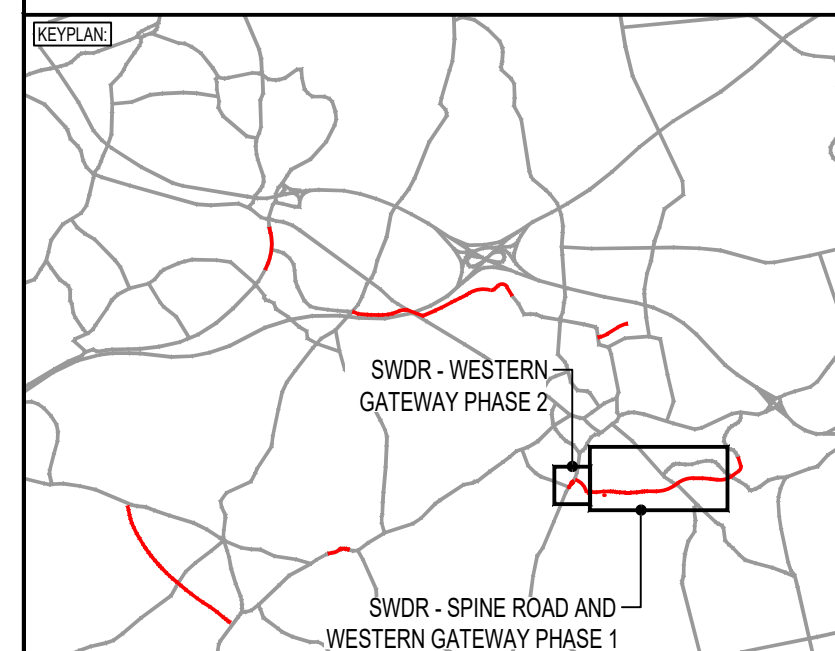
TABLE 1 - LOAD SUMMARY TABLE

- NOTES**
1. ALL LOADS ARE UNFACTORED AND APPLY TO EACH END OF THE NOGGING OR MAIN BEAM MEMBER
 2. FOR ULS LOADS TO TABLE NA A2.4 (B) (SET B) OF UK NA TO BS EN 1990, MULTIPLY THE ABOVE VALUES BY 1.35
 3. FOR AXIS ORIENTATION / DEFINITION SEE ISOMETRICS. EACH AXIS RELATES TO THE BEAM MEMBER FOR CONNECTION TYPES (B) AND (D). THE CROSS HEAD MEMBER FOR TYPE (C), AND THE NOGGING FOR TYPE (A1) AND (A2). FOR TYPE (A3), THE SAME COMMON SET OF AXES SHOWN FOR THE BEAMS [CONNECTION TYPE (D)] ALSO APPLIES FOR THE NOGGING.
 4. BEAMS AND NOGGINGS SHALL BE IN BEARING CONTACT WITH THE SUPPORTING CROSS HEADS TO ENSURE CONNECTIONS DO NOT NEED TO TRANSFER VERTICAL (Z-DIRECTION) LOADS.

DO NOT SCALE

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. ALL LEVELS ARE IN METRES AOD UNLESS NOTED OTHERWISE.
3. THIS Dwg. IS TO BE READ IN CONJUNCTION WITH DRGS.
WHP-TG-SRWG1-DR-S5E-5101 TO -5102 AND -5104 TO -5107.
FOR GENERAL TIMBER AND FASTENER NOTES AND PARAPET POST
CENTRES REFER TO DRG. -5102. ALL PARAPET POSTS TO BE TRULY
VERTICAL.
4. FOR SCREW PILE, EXTENDING COLUMN AND TERMINATION HEAD
DETAILS / SPECIFICATION SEE DRG. -5107. TERMINATION HEADS SHALL
PERMIT 25mm TOLERANCE OF ADJUSTMENT IN CROSS HEAD BEAM
POSITION.



P04	07/10/2021	BPH	STRUCTURE NAME UPDATED IN DRG TITLE	KL	CMF
P03	25/08/2021	BPH	FURTHER CAT2 CHECK COMMENTS ADDRESSED	KL	CMF
P02	13/08/2021	BPH	CAT2 CHECK AND TAA COMMENTS ADDRESSED	KL	CMF
REV	DATE	BY	DESCRIPTION	CHK	APP

DRAWING STATUS:	

SUITABLE FOR REVIEW & COMMENT

S3

DESIGNER



Tony Gee

Consulting Civil, Structural and Geotechnical Engineers

CONTRACTOR



WOKINGHAM
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PROJECT:

WOKINGHAM MAJOR HIGHWAYS PROGRAMME
SPINE ROAD AND WESTERN GATEWAY PHASE 1

	TITLE
--	-------

NEW GYPSY LANE FOOTBRIDGE / BOARDWALK
STRUCTURE REFERENCE: 3094
SECTIONS AND DETAILS

SHEET 1 OF 2

SCALE @ A1:

NA

APPROVED.

CMF

PROJECT NO:

EPM

Table 1

March 21

DRAWING No:

WMHP-TG-SRWG1-DR-SF-5106

P04