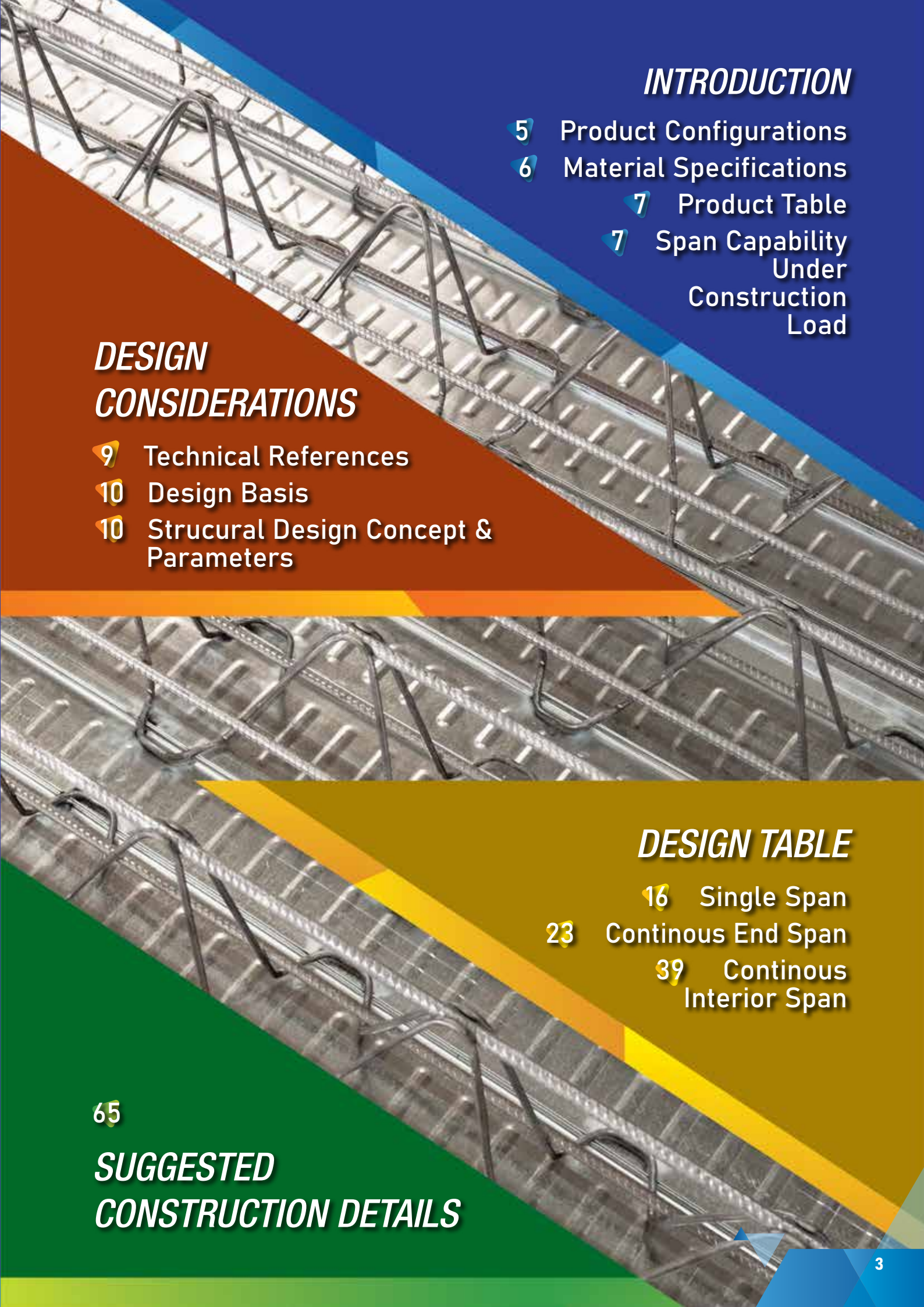
Building Solutions Sdn. Bhd.
200301014320 (616740-X)

CHY TRUSS DECK TECHNICAL GUIDE

AYS VENTURES BERHAD
201001041343 (925171-T)

ALLIANCE • YIELD • SUSTAINABILITY


CHY
Building Solutions Sdn Bhd.
AYS
CHY TRUSS DECK
Product Launching
22 AUGUST 2024
DRIVING THE FUTURE WITH STEEL



INTRODUCTION

DESIGN CONSIDERATIONS

DESIGN TABLE

SUGGESTED CONSTRUCTION DETAILS

EXCELLENT SAVING GAINS

CHY TRUSS DECK presents an innovative product for slab construction. It provides an optimum solution between the traditional propping formwork and the metal decking system normally seen in the current construction environment.

CHY TRUSS DECK removes on-site formwork construction as well as the massive propping requirement. It reduces on site labour requirement and substantial time saving in the slab construction for multi-storey buildings.

CHY TRUSS DECK is an integrated prefabricate slab structure system that supports in-situ slab construction. Steel reinforcement bar needed for the floor slab is configurated and processed into steel lattice trusses and welded to a galvanized profiled deck to form an integrated panel. The panels are tailor made to specific span lengths required and transported to the job site for installation.

CHY TRUSS DECK is lifted into position on site during construction and integrated into the building frame. There is no need for extra propping support underneath the deck as it already has sufficient structural strength to be self-supported and carry the concrete and other extra construction weight of the slab.

FEATURES

Flexibility
Excellent span capability of unpropped construction while maintaining flexibility and efficiency of in-situ slab design.

Health & Safety
Assured health and safety manufacturing environment with predictable productivity to collaborate site construction progress.

Sustainability
Sustainable construction with reduced construction site debris due to avoidance of formwork, propping and other temporary material handling.

Efficiency
CHY TRUSS DECK construction method reduced health and safety concerns on site and thus site work expedition can be better managed.

Quality Assurance
Quality assured with offsite prefabrication under a controlled manufacturing environment using fully automated production equipment.

Documentations
Assured Quality traceability with full documented production records in standardized process manufacturing.

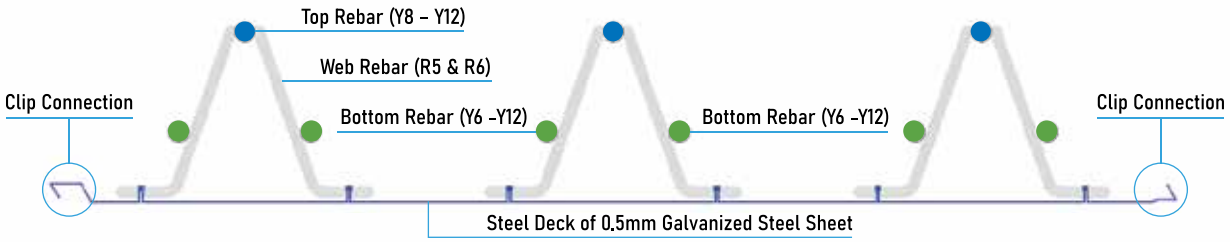
Cost Saving
Gain from saving in labour and benefit of shorter construction duration.

Customisation
Tailor made product to suit specific project requirement.

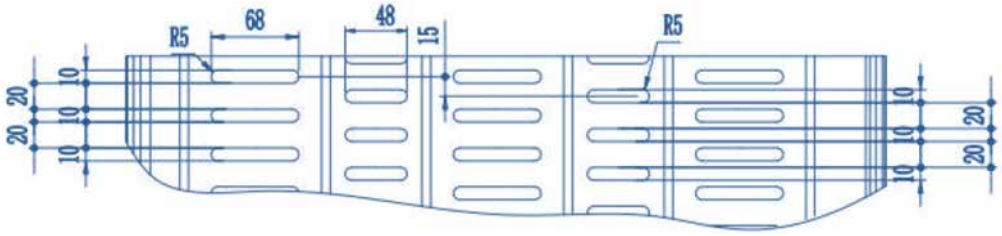
Eco Products
Sustainable ECO product of mass production with minimum wastage and labour input.

Reliability
CHY TRUSS DECK is the most reliable conforming product for Slab Construction.

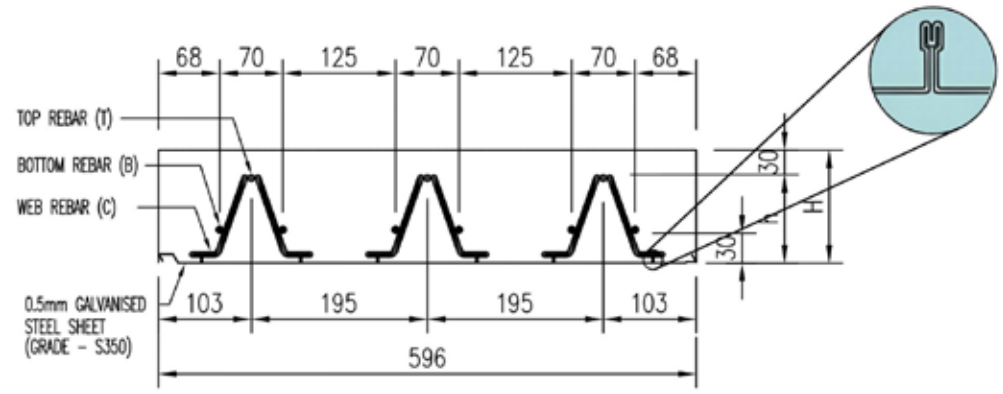
PRODUCT CONFIGURATION



STEEL DECK PROFILE WITH PREFAB. REBAR TRUSS



STEEL DECK PLAN VIEW WITH EMBOSSMENT



CHY TRUSS DECK SECTION

MATERIAL SPECIFICATION

1. Steel Deck

- Rolled-formed from hot dipped, zinc-coated, high tensile steel
- 0.5mm Base Metal Thickness
- Grade = 350N/mm2 to MS 2660:2020
- The coating is minimum Z80 (80g/m2 minimum coating mass) on both sides.
- Embossments on the deck provide better bonding between the steel and concrete.

2. Reinforcement

- Top/Bottom Rebar : Grade B500B to MS 146:2014 (fy = 500N/mm2)
- Web Rebar : Grade B500A to MS 146:2014 (fy = 500N/mm2)

3. Concrete

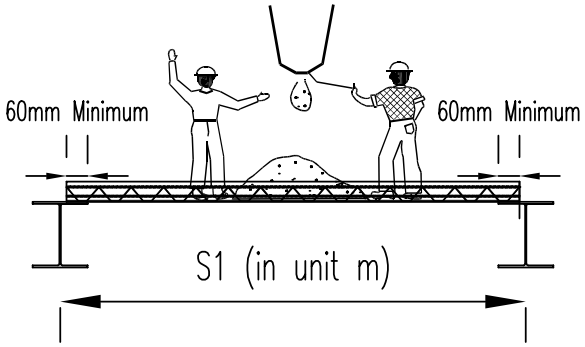
All Design Tables have been developed for the C25/30 (concrete strength class) with normal density of 25 kN/m3 (wet density). For other concrete grades, please consult our team for further structural analysis and design recommendation if needed.

PRODUCT TABLE

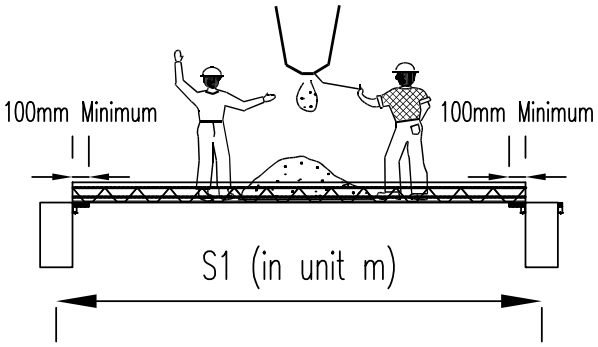
Product Model	Bar Diameter			Slab Thickness	Truss Height
	Top	Web	Bottom		
125-0806	H8	R5	H6	125	95
125-0808	H8	R5	H8	125	95
125-1008	H10	R5	H8	125	95
125-1010	H10	R5	H10	125	95
150-0808	H8	R5	H8	150	120
150-1008	H10	R5	H8	150	120
150-1010	H10	R5	H10	150	120
150-1210	H12	R5	H10	150	120
150-1212	H12	R6	H12	150	120
175-1008	H10	R5	H8	175	145
175-1010	H10	R5	H10	175	145
175-1210	H12	R6	H10	175	145
175-1212	H12	R6	H12	175	145
200-1010	H10	R6	H10	200	170
200-1210	H12	R6	H10	200	170
200-1212	H12	R6	H12	200	170

SPAN CAPABILITY UNDER CONSTRUCTION LOAD

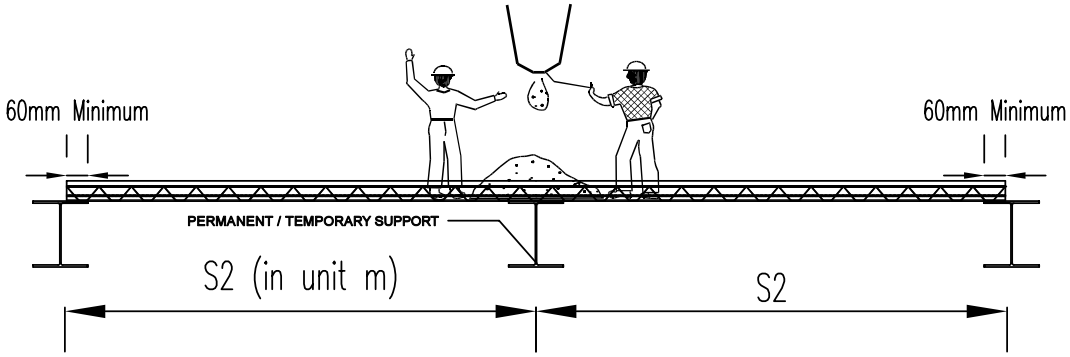
FORMWORK TABLES							
Product Model		0806	0808	1008	1010	1210	1212
A	Overall Slab Thickness = 125mm						
	Unpropped Span, S1(m)	2.2	2.4	2.8	3.0	-	-
	Single Propped Span, S2 (m)	2.6	2.8	3.4	3.6	-	-
B	Overall Slab Thickness = 150mm						
	Unpropped Span, S1(m)	-	2.6	3.0	3.2	3.6	3.8
	Single Propped Span, S2 (m)	-	3.0	3.6	3.8	4.4	4.6
C	Overall Slab Thickness = 175mm						
	Unpropped Span, S1(m)	-	-	3.4	3.4	4.0	4.2
	Single Propped Span, S2 (m)	-	-	3.8	4.0	4.8	5.0
D	Overall Slab Thickness = 200mm						
	Unpropped Span, S1(m)	-	-	-	3.6	4.2	4.4
	Single Propped Span, S2 (m)	-	-	-	4.2	4.8	5.0



UNPROPPED STEEL CONSTRUCTION FOR SINGLE SPAN TRUSS DECK



UNPROPPED RC CONSTRUCTION FOR SINGLE SPAN TRUSS DECK



PROPPED STEEL CONSTRUCTION FOR CONTINUOUS SPAN TRUSS DECK

Notes:
1. S1 DENOTES AS SINGLE SPAN DURING CONSTRUCTION STAGE
2. S2 DENOTES AS CONTINUOUS SPAN DURING CONSTRUCTION STAGE

1. Material Specification References

MS 146: 2014	Steel for the reinforcement of concrete - Weldable reinforcing steel Bar, coil and de-coiled products - Specification (Fourth revision)
MS 145: 2014	Steel fabric for the reinforcement of concrete - Specification (Fourth revision)
MS 144: 2014	Steel wire for the reinforcement of concrete products -Specification (Fourth revision)
MS EN 10080: 2013	Steel for the reinforcement of concrete - Weldable reinforcing steel - General
MS 2660: 2020	Continuous hot-dip zinc-coated and zinc-iron alloy-coated carbon steel sheet and strip

2. Structural Design Code of Practices

MS EN 1990	Eurocode 0: Basis of Structural Design
NA to MS EN 1990-1-1	Malaysia National Annex to Eurocode 0: Basis of Structural Design
MS EN 1991	Eurocode 1: Actions on Structures
NA to MS EN 1991-1-1	Malaysia National Annex to Eurocode 1: Actions on Structures
MS EN 1992	Eurocode 2: Design of Concrete Structures
NA to MS EN 1992-1-1	Malaysia National Annex to Eurocode 2: Design of Concrete Structures
MS EN 1993	Eurocode 3: Design of Steel Structures
NA to MS EN 1992-1-1	Malaysia National Annex to Eurocode 3: Design of Steel Structures
MS EN 1994	Eurocode 4: Design of Composite Steel & Concrete Structures

3. Technical Guides for Structural Design

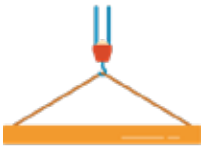
IStructE Manual	Manual for the design of concrete building structures to Eurocode 2
SCI Publication No. 300	Composite Slabs and Beams using Steel Decking: Best Practice for Design and Construction
SCI Publication No. 359	Composite Design of Steel Framed Buildings
Concrete Society TR 58	Deflection in Concrete Slabs and Beams

DESIGN BASIS

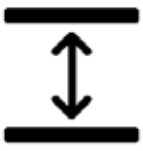
1. Structural analysis is based on principle of Eurocode Practice (EC2, EC3, EC4) with both construction and service stage circumstances considered.
2. Finite element method of analysis is employed for the composite truss-thin plate action.
3. Construction load includes weight of the reinforcement, weight of the wet concrete and construction equipment & workers.
4. Service load includes weight of the structure, superimposed dead load and imposed load as per code of practice.
5. Single span and continuous span are considered in both construction stage and service stage.
6. Serviceability limit state conditions had been checked against the parameter as per EC2 requirements for conventional Reinforced Concrete.
7. For single span application, no extra top bar is required other than the normal surface crack control mesh.
8. For continuous span application, there may be extra top bar at the area over the internal support beams required.
9. A default Superimposed Dead Load (SDL) of 0.5 kN/m2 has been included in the analysis for all the design tables presented. Your imposed load consideration shall be the actual as required.
10. For serviceability limit state, the actual span to effective depth ratio is calculated and checked against the computed allowable L/d ratio in accordance to EC2.
11. Design tables are designated for permanent slab satisfied serviceability design requirements. Tabulation with imposed service load versus the span length presenting the additional reinforcement in mm2 area per meter width of cross-sectional slab area for reference.
12. Transverse reinforcing can be incorporated to the reinforcement of the one-way slab if the 2 ways slab is required. Please consult our team for further structural analysis if needed.
13. All tables presented are for **one way slab** design only.

Principle of Eurocode Practice

EC2 **EC3** **EC4**

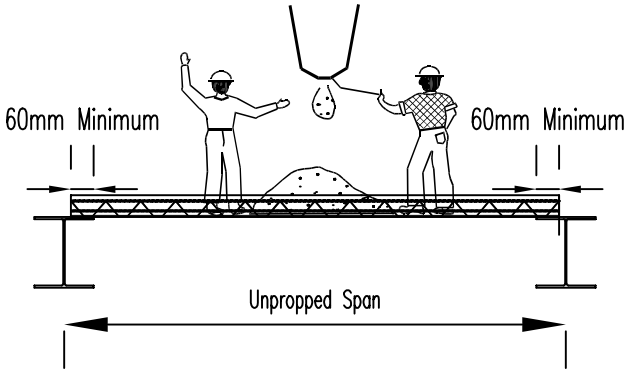


SDL = 0.5 kN/m²

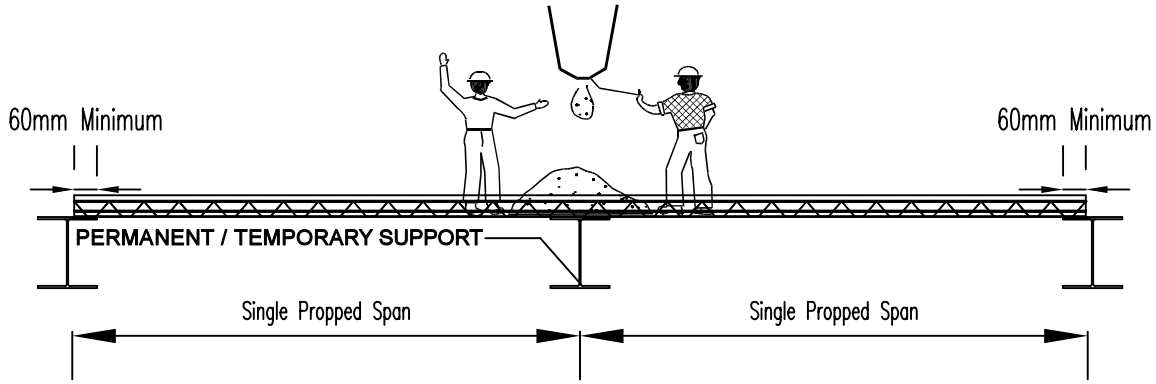


1. Basic Design Boundary considered

i. Single span and continuous span have been considered for the construction stage analysis.



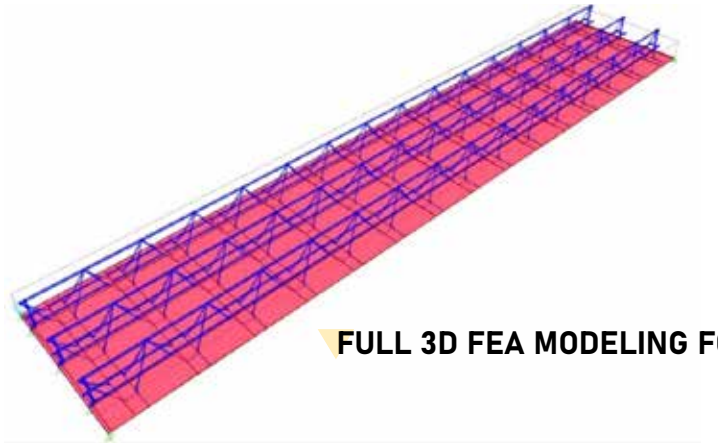
BOUNDARY CONDITION 1: SINGLE SPAN



BOUNDARY CONDITION 2: CONTINUOUS SPAN

ii. Construction loading in accordance to the MS EN 1991-1-6 as following should be considered for single span and continuous as mentioned above.

iii. To determine the unpropped span length as indicated in item (i), Finite Element Analysis (FEA) has been conducted for assessing the composite rebar truss & thin steel plate action against the construction load explained in item (ii).

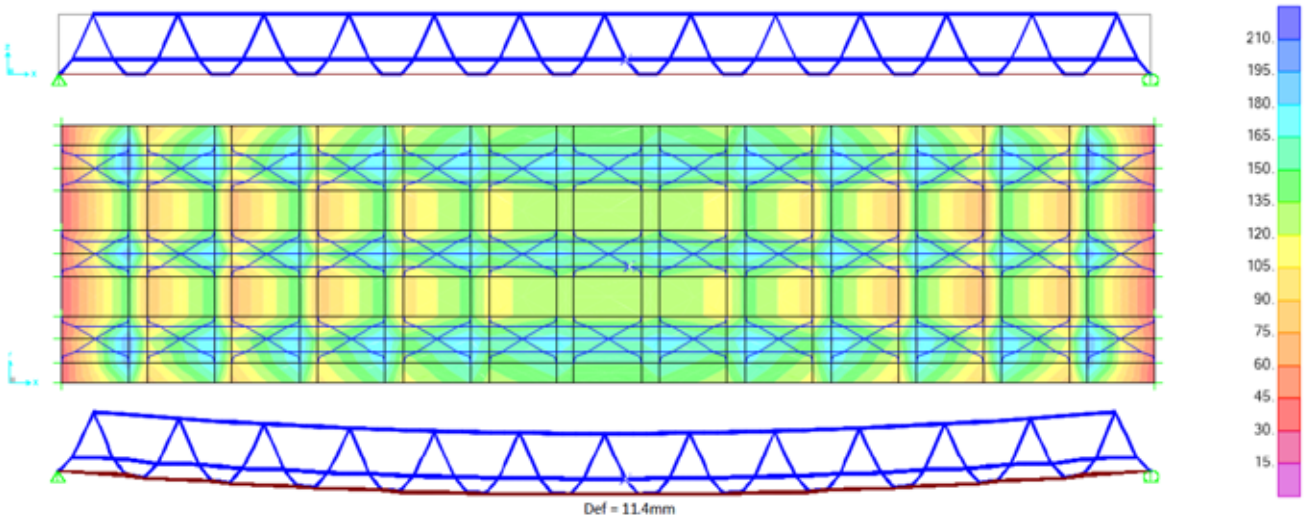


FULL 3D FEA MODELING FOR CONSTRUCTION STAGE ANALYSIS

iv. The following items has been considered for the truss deck assessment during construction stage.

- FEA member forces for the prefabrication rebars acting as chord members and web members in accordance to the member capacity in accordance to EC3.
- FEA plate's stresses for the thin steel sheet/deck have been assessed.
- Deflection limit in accordance to BS EN 1994-1-1 has been used as part of serviceability limit state design check.

v. The residual stress for the main prefab rebar (acting as truss chords) from FEA outputs has being captured in the permanent stage analysis and design.



FEA ANALYSIS FOR EACH TYPE OF TRUSS DECK MODEL DURING CONSTRUCTION STAGE

Action	Loaded Area	Load in kN/m²
(1)	Outside the working area	0.75 covering Q_{ca}
(2)	Inside the working area 3m x 3m (or the span length if less)	10% of the self-weight of the concrete but not less than 0.75 and more than 1.5 Includes Q_{ca} and Q_{cf}
(3)	Actual area	Self-weight of the formwork, load-bearing element (Q_{cc}) and the weight of the fresh concrete for the design thickness (Q_{cf})

Construction load includes dead weight of the rebar truss, any additional reinforcement, weight of the wet concrete and construction equipment & workers.

TABLE 1

2. Design Load Considered

i. Strength load combinations

For strength calculations, design loads for unpropped construction for both single and continuous span shall be based on the load combinations in accordance to the MS EN 1991-1-1:2010 Section 6.2.1 & Table NA 3b of MS EN 1990:2010.

Design value of an action, $F_d = 1.35G_k + 1.5Q_k$, where

Construction Stage Analysis

$G_k = G_{sh} + G_{reinf}$ and

$Q_k = Q_{ca}$ (across full areas) + Qcf (location 2 only as per Table 1) + Qwc (across full areas)

G_{sh}	= self weight of thin steel deck	= 0.05 kN/m^2
G_{reinf}	= self weight of reinforcement	= 1.00 kN/m^3 x proposed conc. slab thickness
Q_{ca}	= general construction loading	= 0.75 kN/m^2
Q_{cf}	= add. load of 10% of the conc. slab s/w (min. of 0.75kN/m^2 & max. of 1.5kN/m^2) + Q_{ca}	
	= 0.75 kN/m^2 + 0.75 kN/m^2	= 1.50 kN/m^2
Q_{wc}	= wet normal conc. slab s/w	= 25.00 kN/m^3 x proposed conc. slab thickness

Service Stage Analysis

$G_k = G_{sh} + G_{reinf} + G_{sdl} + G_c$

Q_k = characteristic value of a single variable action

G_{sh}	= self weight of thin steel deck	= 0.05 kN/m^2
G_{reinf}	= self weight of reinforcement	= 1.00 kN/m^2
G_c	= dry normal conc. slab s/w	= 24.00 kN/m^3 x proposed conc. slab thickness
G_{sdl}	= superimposed dead load (partition, floor finishes, etc.)	

ii. Serviceability load combinations

Design value of an action, Fd = 1.0Gk + 1.0Qk, where

$G_k = G_{sh} + G_{reinf}$ and

$Q_k = Q_{ca}$ (across full areas) + Q_{cf} (location 2 only as per Table 1) + Q_{wc} (across full areas)

3. Deflection, Durability & Serviceability Requirements

3.1 Deflection During Construction

To ensure structural safety and slab performance, the deflection of the steel deck during concreting shall be controlled. **Residual deflection** after concreting and potential **ponding effects** shall be considered where applicable, in accordance with Clause 9.3.2 of Eurocode 4.

3.2 Durability during permanent stage

Minimum **30 mm concrete cover** from slab top to main reinforcement.
Suitable for Exposure Class **XC3** and Structural Class **S4**, per :

- MS EN 1992-1-1:2010 (Malaysia NA)
- BS 8500-1:2002

3.3 Serviceability during permanent stage

Deflection Control

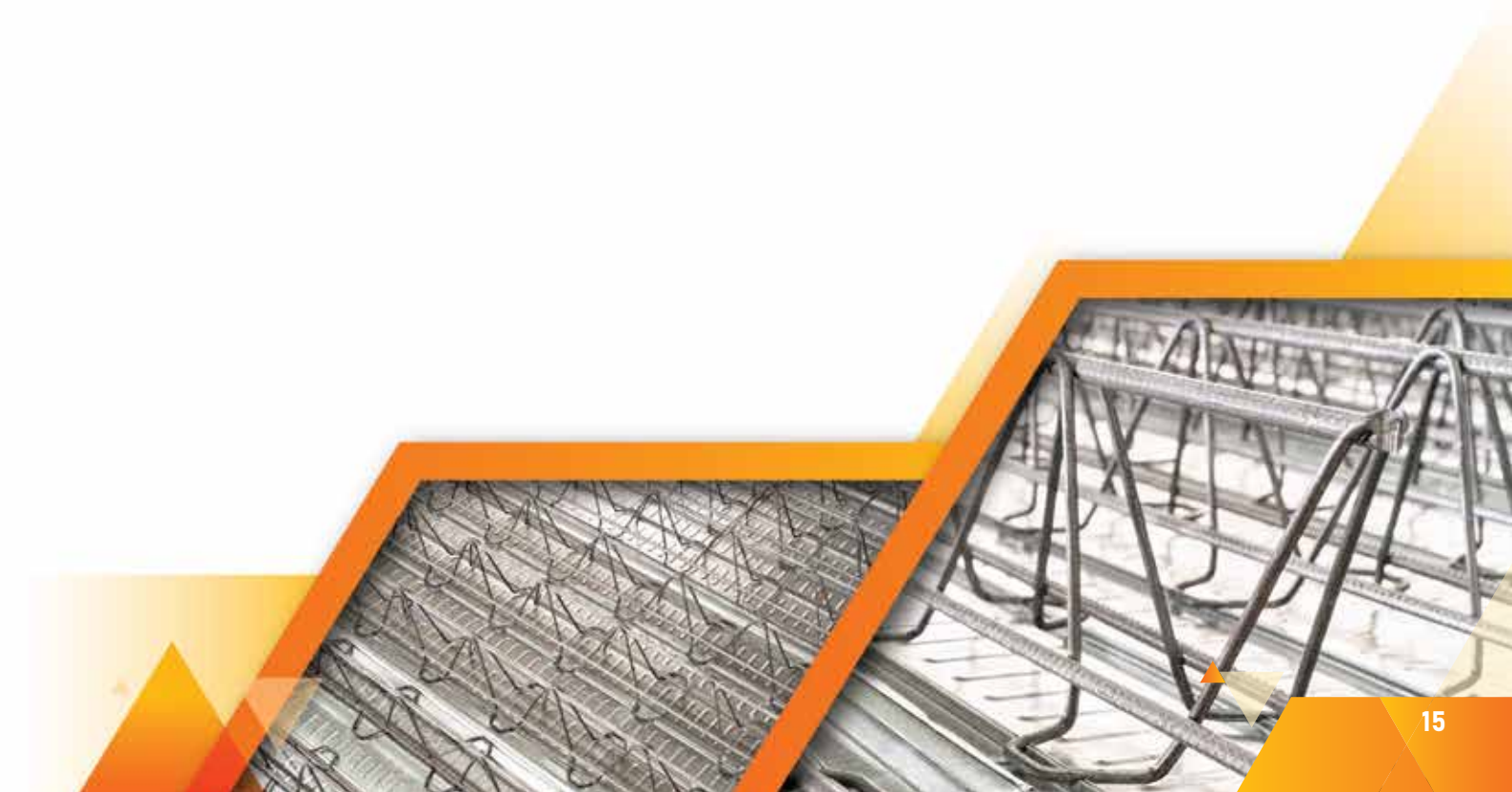
Deflection under service load must be limited to avoid damage to finishes and ensure user comfort.
Design tables in this manual follow Eurocode 2 provisions :

- Span-to-depth ratio limits (Section 7.4.2, MS EN 1992-1-1)
- Adjusted for reinforcement percentage and stress level.

Crack Control

For slabs ≤ 200 mm thick, crack widths are controlled based on :

- **Section 7.3.3** and **9.3** of MS EN 1992-1-1



INTERPRETATION OF DESIGN TABLE FOR ONE WAY SLAB

Single Spans

125-0806								
Span (m)	Characteristic Imposed Load, Qk (kPa)							
	2.0	3.0	4.0	5.0	6.0	7.5	10.0	12.5
1.8	-	-	-	-	-	-	-	-
2.0	-	-	-	-	-	-	-	18
2.2	-	-	-	-	-	-	24	85
2.4	-	-	-	-	-	13	120	298
2.6	-	-	-	-	16	107	331	N/A
2.8	-	-	-	34	135	301	N/A	N/A
3.0	-	-	65	190	N/A	N/A	N/A	N/A
3.2	-	71	222	N/A	N/A	N/A	N/A	N/A

Product Model & Full Concrete Thickness

Additional Bottom Reinforcement, B add (mm^2/m) to be provided.

Design solution with the respective span and design imposed load is not possible.

No additional bottom reinforcement is necessary.

Continuous Spans

175-1210								
Span (m)	Characteristic Imposed Load, Qk (kPa)							
	15.0	20.0	22.5	25.0	27.5	30.0	32.5	35.0
2.2	- -	- -	- -	- -	- -	- -	- -	- -
2.4	- -	- -	- -	- -	- -	- -	13 -	176 -
2.6	- -	- -	- -	- -	11 -	48 -	177 -	306 -
2.8	- -	- -	- -	34 -	78 -	195 -	319 -	483 -
3.0	- -	1 -	50 -	101 -	175 -	326 -	478 -	672 -
3.2	- -	57 -	115 -	173 -	296 -	475 -	677 -	898 27
3.4	- -	119 -	184 -	251 -	444 -	644 14	875 76	1,147 139
3.6	38 -	185 -	260 -	381 -	580 48	820 118	1,112 190	N/A

Product Model & Full Concrete Thickness

Additional Top Reinforcement, T add (mm^2/m) to be provided.

Additional Bottom Reinforcement, B add (mm^2/m) to be provided.

Design solution with the respective span and design imposed load is not possible.

No additional bottom reinforcement is necessary.

121 -	Green cell indicates unpropped span during construction stage.
152 29	Yellow cell indicates single propped span during construction stage.

Notes:

1. Single spans do not require additional top tensile reinforcement, relevant cells are not shown.
2. All spans are centre to centre.
3. Characteristic Imposed Load in the design table shall be considered apart from 0.50kN/m2 of Superimposed Dead Load (which has been captured in the default design parameters).

ONE WAY SLAB SINGLE SPAN

125-0806								
Span (m)	Characteristic Imposed Load, Qk (kPa)							
	2.0	3.0	4.0	5.0	6.0	7.5	10.0	12.5
1.8	-	-	-	-	-	-	-	-
2.0	-	-	-	-	-	-	-	18
2.2	-	-	-	-	-	-	24	85
2.4	-	-	-	-	-	13	120	298
2.6	-	-	-	-	16	107	331	N/A
2.8	-	-	-	34	135	301	N/A	N/A
3.0	-	-	65	190	N/A	N/A	N/A	N/A
3.2	-	71	222	N/A	N/A	N/A	N/A	N/A

125-0808								
Span (m)	Characteristic Imposed Load, Qk (kPa)							
	2.0	3.0	4.0	5.0	6.0	7.5	10.0	12.5
2.0	-	-	-	-	-	-	-	-
2.2	-	-	-	-	-	-	-	-
2.4	-	-	-	-	-	-	-	82
2.6	-	-	-	-	-	-	115	N/A
2.8	-	-	-	-	-	86	N/A	N/A
3.0	-	-	-	-	N/A	N/A	N/A	N/A
3.2	-	-	6	N/A	N/A	N/A	N/A	N/A
3.4	-	5	N/A	N/A	N/A	N/A	N/A	N/A
3.6	-	N/A	N/A	N/A	N/A	N/A	N/A	N/A

125-1008								
Span (m)	Characteristic Imposed Load, Qk (kPa)							
	2.0	3.0	4.0	5.0	6.0	7.5	10.0	12.5
2.2	-	-	-	-	-	-	-	-
2.4	-	-	-	-	-	-	-	101
2.6	-	-	-	-	-	-	134	N/A
2.8	-	-	-	-	-	104	N/A	N/A
3.0	-	-	-	-	N/A	N/A	N/A	N/A
3.2	-	-	25	N/A	N/A	N/A	N/A	N/A
3.4	-	24	N/A	N/A	N/A	N/A	N/A	N/A
3.6	-	N/A	N/A	N/A	N/A	N/A	N/A	N/A

* This Design Table should read in conjunction with page 16 (Interpretation of Design Table)

ONE WAY SLAB SINGLE SPAN

125-1010								
Span (m)	Characteristic Imposed Load, Qk (kPa)							
	2.0	3.0	4.0	5.0	6.0	7.5	10.0	12.5
2.4	-	-	-	-	-	-	-	-
2.6	-	-	-	-	-	-	-	N/A
2.8	-	-	-	-	-	-	N/A	N/A
3.0	-	-	-	-	N/A	N/A	N/A	N/A
3.2	-	-	-	N/A	N/A	N/A	N/A	N/A
3.4	-	-	N/A	N/A	N/A	N/A	N/A	N/A
3.6	-	N/A	N/A	N/A	N/A	N/A	N/A	N/A

150-0808								
Span (m)	Characteristic Imposed Load, Qk (kPa)							
	2.0	3.0	4.0	5.0	6.0	7.5	10.0	12.5
2.2	-	-	-	-	-	-	-	-
2.4	-	-	-	-	-	-	-	-
2.6	-	-	-	-	-	-	-	-
2.8	-	-	-	-	-	-	-	21
3.0	-	-	-	-	-	-	24	242
3.2	-	-	-	-	-	-	237	476
3.4	-	-	-	-	-	165	N/A	N/A
3.6	-	-	-	18	163	N/A	N/A	N/A
3.8	-	-	31	201	N/A	N/A	N/A	N/A
4.0	-	15	210	N/A	N/A	N/A	N/A	N/A
4.2	-	182	N/A	N/A	N/A	N/A	N/A	N/A
4.4	113	N/A	N/A	N/A	N/A	N/A	N/A	N/A

150-1008								
Span (m)	Characteristic Imposed Load, Qk (kPa)							
	2.0	3.0	4.0	5.0	6.0	7.5	10.0	12.5
2.2	-	-	-	-	-	-	-	-
2.4	-	-	-	-	-	-	-	-
2.6	-	-	-	-	-	-	-	-
2.8	-	-	-	-	-	-	-	37
3.0	-	-	-	-	-	-	40	258
3.2	-	-	-	-	-	-	253	492
3.4	-	-	-	-	-	181	N/A	N/A
3.6	-	-	-	34	179	N/A	N/A	N/A
3.8	-	-	47	217	N/A	N/A	N/A	N/A
4.0	-	31	226	N/A	N/A	N/A	N/A	N/A
4.2	-	198	N/A	N/A	N/A	N/A	N/A	N/A
4.4	129	N/A	N/A	N/A	N/A	N/A	N/A	N/A

* This Design Table should read in conjunction with page 16 (Interpretation of Design Table)

ONE WAY SLAB SINGLE SPAN

150-1010								
Span (m)	Characteristic Imposed Load, Qk (kPa)							
	2.0	3.0	4.0	5.0	6.0	7.5	10.0	12.5
2.6	-	-	-	-	-	-	-	-
2.8	-	-	-	-	-	-	-	-
3.0	-	-	-	-	-	-	-	13
3.2	-	-	-	-	-	-	7	246
3.4	-	-	-	-	-	-	N/A	N/A
3.6	-	-	-	-	-	N/A	N/A	N/A
3.8	-	-	-	-	N/A	N/A	N/A	N/A
4.0	-	-	-	N/A	N/A	N/A	N/A	N/A
4.2	-	-	N/A	N/A	N/A	N/A	N/A	N/A
4.4	-	N/A	N/A	N/A	N/A	N/A	N/A	N/A

150-1210								
Span (m)	Characteristic Imposed Load, Qk (kPa)							
	2.0	3.0	4.0	5.0	6.0	7.5	10.0	12.5
2.6	-	-	-	-	-	-	-	-
2.8	-	-	-	-	-	-	-	-
3.0	-	-	-	-	-	-	-	54
3.2	-	-	-	-	-	-	49	287
3.4	-	-	-	-	-	-	N/A	N/A
3.6	-	-	-	-	-	N/A	N/A	N/A
3.8	-	-	-	13	N/A	N/A	N/A	N/A
4.0	-	-	21	N/A	N/A	N/A	N/A	N/A
4.2	-	-	N/A	N/A	N/A	N/A	N/A	N/A
4.4	-	N/A	N/A	N/A	N/A	N/A	N/A	N/A

* This Design Table should read in conjunction with page 16 (Interpretation of Design Table)

ONE WAY SLAB SINGLE SPAN

150-1212								
Span (m)	Characteristic Imposed Load, Qk (kPa)							
	2.0	3.0	4.0	5.0	6.0	7.5	10.0	12.5
2.8	-	-	-	-	-	-	-	-
3.0	-	-	-	-	-	-	-	-
3.2	-	-	-	-	-	-	-	-
3.4	-	-	-	-	-	-	N/A	N/A
3.6	-	-	-	-	-	N/A	N/A	N/A
3.8	-	-	-	-	N/A	N/A	N/A	N/A
4.0	-	-	-	N/A	N/A	N/A	N/A	N/A
4.2	-	-	N/A	N/A	N/A	N/A	N/A	N/A
4.4	-	N/A	N/A	N/A	N/A	N/A	N/A	N/A

175-1008								
Span (m)	Characteristic Imposed Load, Qk (kPa)							
	2.0	3.0	4.0	5.0	6.0	7.5	10.0	12.5
2.4	-	-	-	-	-	-	-	-
2.6	-	-	-	-	-	-	-	-
2.8	-	-	-	-	-	-	-	-
3.0	-	-	-	-	-	-	-	-
3.2	-	-	-	-	-	-	-	43
3.4	-	-	-	-	-	-	21	196
3.6	-	-	-	-	-	-	167	424
3.8	-	-	-	-	-	84	385	658
4.0	-	-	-	-	70	275	N/A	N/A
4.2	-	-	-	93	249	496	N/A	N/A
4.4	-	-	92	271	459	N/A	N/A	N/A
4.6	-	65	263	N/A	N/A	N/A	N/A	N/A
4.8	9	223	N/A	N/A	N/A	N/A	N/A	N/A
5.0	147	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5.2	311	N/A	N/A	N/A	N/A	N/A	N/A	N/A

* This Design Table should read in conjunction with page 16 (Interpretation of Design Table)

ONE WAY SLAB SINGLE SPAN

175-1010								
Span (m)	Characteristic Imposed Load, Qk (kPa)							
	2.0	3.0	4.0	5.0	6.0	7.5	10.0	12.5
2.8	-	-	-	-	-	-	-	-
3.0	-	-	-	-	-	-	-	-
3.2	-	-	-	-	-	-	-	-
3.4	-	-	-	-	-	-	-	-
3.6	-	-	-	-	-	-	-	197
3.8	-	-	-	-	-	-	157	430
4.0	-	-	-	-	-	47	N/A	N/A
4.2	-	-	-	-	22	268	N/A	N/A
4.4	-	-	-	44	232	N/A	N/A	N/A
4.6	-	-	36	N/A	N/A	N/A	N/A	N/A
4.8	-	-	N/A	N/A	N/A	N/A	N/A	N/A
5.0	-	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5.2	83	N/A	N/A	N/A	N/A	N/A	N/A	N/A

175-1210								
Span (m)	Characteristic Imposed Load, Qk (kPa)							
	2.0	3.0	4.0	5.0	6.0	7.5	10.0	12.5
2.8	-	-	-	-	-	-	-	-
3.0	-	-	-	-	-	-	-	-
3.2	-	-	-	-	-	-	-	-
3.4	-	-	-	-	-	-	-	3
3.6	-	-	-	-	-	-	-	231
3.8	-	-	-	-	-	-	192	465
4.0	-	-	-	-	-	82	N/A	N/A
4.2	-	-	-	-	56	303	N/A	N/A
4.4	-	-	-	78	266	N/A	N/A	N/A
4.6	-	-	70	N/A	N/A	N/A	N/A	N/A
4.8	-	30	N/A	N/A	N/A	N/A	N/A	N/A
5.0	-	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5.2	118	N/A	N/A	N/A	N/A	N/A	N/A	N/A

* This Design Table should read in conjunction with page 16 (Interpretation of Design Table)

ONE WAY SLAB SINGLE SPAN

175-1212								
Span (m)	Characteristic Imposed Load, Qk (kPa)							
	2.0	3.0	4.0	5.0	6.0	7.5	10.0	12.5
3.2	-	-	-	-	-	-	-	-
3.4	-	-	-	-	-	-	-	-
3.6	-	-	-	-	-	-	-	-
3.8	-	-	-	-	-	-	-	172
4.0	-	-	-	-	-	-	N/A	N/A
4.2	-	-	-	-	-	10	N/A	N/A
4.4	-	-	-	-	-	N/A	N/A	N/A
4.6	-	-	-	N/A	N/A	N/A	N/A	N/A
4.8	-	-	N/A	N/A	N/A	N/A	N/A	N/A
5.0	-	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5.2	-	N/A	N/A	N/A	N/A	N/A	N/A	N/A

200-1010								
Span (m)	Characteristic Imposed Load, Qk (kPa)							
	2.0	3.0	4.0	5.0	6.0	7.5	10.0	12.5
3.2	-	-	-	-	-	-	-	-
3.4	-	-	-	-	-	-	-	-
3.6	-	-	-	-	-	-	-	-
3.8	-	-	-	-	-	-	-	-
4.0	-	-	-	-	-	-	-	149
4.2	-	-	-	-	-	-	88	381
4.4	-	-	-	-	-	-	311	615
4.6	-	-	-	-	-	165	542	N/A
4.8	-	-	-	-	119	387	N/A	N/A
5.0	-	-	-	127	327	N/A	N/A	N/A
5.2	-	-	107	331	N/A	N/A	N/A	N/A
5.4	-	55	301	N/A	N/A	N/A	N/A	N/A
5.6	-	236	N/A	N/A	N/A	N/A	N/A	N/A
5.8	131	N/A	N/A	N/A	N/A	N/A	N/A	N/A

* This Design Table should read in conjunction with page 16 (Interpretation of Design Table)

ONE WAY SLAB SINGLE SPAN

200-1210								
Span (m)	Characteristic Imposed Load, Qk (kPa)							
	2.0	3.0	4.0	5.0	6.0	7.5	10.0	12.5
3.6	-	-	-	-	-	-	-	-
3.8	-	-	-	-	-	-	-	-
4.0	-	-	-	-	-	-	-	200
4.2	-	-	-	-	-	-	139	432
4.4	-	-	-	-	-	19	361	666
4.6	-	-	-	-	-	215	592	N/A
4.8	-	-	-	-	169	437	N/A	N/A
5.0	-	-	-	177	378	N/A	N/A	N/A
5.2	-	-	157	382	N/A	N/A	N/A	N/A
5.4	-	106	352	N/A	N/A	N/A	N/A	N/A
5.6	22	286	N/A	N/A	N/A	N/A	N/A	N/A
5.8	182	N/A	N/A	N/A	N/A	N/A	N/A	N/A

200-1212								
Span (m)	Characteristic Imposed Load, Qk (kPa)							
	2.0	3.0	4.0	5.0	6.0	7.5	10.0	12.5
3.8	-	-	-	-	-	-	-	-
4.0	-	-	-	-	-	-	-	-
4.2	-	-	-	-	-	-	-	146
4.4	-	-	-	-	-	-	76	380
4.6	-	-	-	-	-	-	306	N/A
4.8	-	-	-	-	-	152	N/A	N/A
5.0	-	-	-	-	92	N/A	N/A	N/A
5.2	-	-	-	96	N/A	N/A	N/A	N/A
5.4	-	-	66	N/A	N/A	N/A	N/A	N/A
5.6	-	1	N/A	N/A	N/A	N/A	N/A	N/A
5.8	-	N/A	N/A	N/A	N/A	N/A	N/A	N/A

* This Design Table should read in conjunction with page 16 (Interpretation of Design Table)

ONE WAY SLAB CONTINUOUS END SPAN

125-0806								
Span (m)	Characteristic Imposed Load, Qk (kPa)							
	2.0	3.0	4.0	5.0	6.0	7.5	10.0	12.5
1.8	- -	- -	- -	- -	- -	- -	4 -	40 -
2.0	- -	- -	- -	- -	- -	- -	39 -	83 -
2.2	- -	- -	- -	- -	- -	24 -	77 -	133 -
2.4	- -	- -	- -	- -	19 -	56 -	122 -	189 48
2.6	- -	- -	- -	17 -	47 -	92 -	171 44	253 110
2.8	- -	- -	9 -	43 -	78 -	133 24	227 107	324 272
3.0	- -	- -	31 -	72 -	114 20	177 73	288 274	403 455
3.2	- -	11 -	57 -	104 8	152 78	226 223	355 453	N/A N/A
3.4	- -	31 -	84 6	139 60	194 222	280 399	N/A N/A	N/A N/A
3.6	- -	54 -	114 67	176 191	N/A N/A	N/A N/A	N/A N/A	N/A N/A
3.8	12 -	78 52	147 194	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
4.0	30 15	105 169	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
4.2	49 112	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
4.4	70 234	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A

* This Design Table should read in conjunction with page 16 (Interpretation of Design Table)

ONE WAY SLAB CONTINUOUS END SPAN

125-0808								
Span (m)	Characteristic Imposed Load, Qk (kPa)							
	2.0	3.0	4.0	5.0	6.0	7.5	10.0	12.5
2.0	19 -	19 -	19 -	19 -	19 -	38 -	82 -	125 -
2.2	19 -	19 -	19 -	19 -	35 -	67 -	120 -	175 -
2.4	19 -	19 -	19 -	36 -	61 -	99 -	164 -	232 -
2.6	19 -	19 -	30 -	60 -	89 -	135 -	214 -	295 -
2.8	19 -	19 -	51 -	86 -	121 -	175 -	269 -	366 59
3.0	19 -	34 -	74 -	115 -	156 -	220 -	330 61	445 242
3.2	19 -	53 -	99 -	146 -	195 -	269 10	398 240	N/A N/A
3.4	22 -	74 -	127 -	181 -	237 9	322 185	N/A N/A	N/A N/A
3.6	37 -	97 -	157 -	219 -	N/A N/A	N/A N/A	N/A N/A	N/A N/A
3.8	54 -	121 -	189 -	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
4.0	73 -	147 -	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
4.2	92 -	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
4.4	112 21	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A

* This Design Table should read in conjunction with page 16 (Interpretation of Design Table)

ONE WAY SLAB CONTINUOUS END SPAN

125-1008								
Span (m)	Characteristic Imposed Load, Qk (kPa)							
	2.0	3.0	4.0	5.0	6.0	7.5	10.0	12.5
2.0	- -	- -	- -	- -	- -	- -	- -	17 -
2.2	- -	- -	- -	- -	- -	- -	13 -	57 -
2.4	- -	- -	- -	- -	- -	- -	48 -	102 -
2.6	- -	- -	- -	- -	- -	24 -	87 -	153 -
2.8	- -	- -	- -	- -	13 -	56 -	131 -	209 70
3.0	- -	- -	- -	7 -	40 -	92 -	180 73	272 253
3.2	- -	- -	- -	32 -	71 -	131 21	234 252	N/A N/A
3.4	- -	- -	16 -	60 -	105 20	173 197	N/A N/A	N/A N/A
3.6	- -	- -	40 -	90 -	N/A N/A	N/A N/A	N/A N/A	N/A N/A
3.8	- -	11 -	66 -	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
4.0	- -	32 -	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
4.2	- -	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
4.4	4 32	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A

* This Design Table should read in conjunction with page 16 (Interpretation of Design Table)

ONE WAY SLAB CONTINUOUS END SPAN

125-1010								
Span (m)	Characteristic Imposed Load, Qk (kPa)							
	2.0	3.0	4.0	5.0	6.0	7.5	10.0	12.5
2.0	4 -	4 -	4 -	4 -	4 -	4 -	36 -	72 -
2.2	4 -	4 -	4 -	4 -	4 -	24 -	68 -	112 -
2.4	4 -	4 -	4 -	4 -	19 -	51 -	103 -	157 -
2.6	4 -	4 -	4 -	18 -	43 -	79 -	142 -	208 -
2.8	4 -	4 -	11 -	39 -	68 -	111 -	187 -	264 -
3.0	4 -	4 -	30 -	62 -	95 -	147 -	235 -	327 -
3.2	4 -	13 -	50 -	87 -	126 -	186 -	289 -	N/A N/A
3.4	4 -	29 -	71 -	115 -	160 -	229 -	N/A N/A	N/A N/A
3.6	4 -	47 -	96 -	146 -	N/A N/A	N/A N/A	N/A N/A	N/A N/A
3.8	13 -	66 -	122 -	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
4.0	27 -	87 -	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
4.2	43 -	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
4.4	59 -	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A

* This Design Table should read in conjunction with page 16 (Interpretation of Design Table)

ONE WAY SLAB CONTINUOUS END SPAN

150-0808								
Span (m)	Characteristic Imposed Load, Qk (kPa)							
	2.0	3.0	4.0	5.0	6.0	7.5	10.0	12.5
2.0	39 -	39 -	39 -	39 -	39 -	39 -	39 -	63 -
2.2	39 -	39 -	39 -	39 -	39 -	39 -	58 -	100 -
2.4	39 -	39 -	39 -	39 -	39 -	42 -	91 -	141 -
2.6	39 -	39 -	39 -	39 -	39 -	69 -	127 -	186 -
2.8	39 -	39 -	39 -	39 -	58 -	99 -	166 -	237 -
3.0	39 -	39 -	39 -	53 -	84 -	131 -	210 -	293 -
3.2	39 -	39 -	41 -	76 -	112 -	165 -	259 -	355 -
3.4	39 -	39 -	61 -	101 -	141 -	204 -	311 -	422 118
3.6	39 -	39 -	83 -	128 -	175 -	246 -	368 89	495 296
3.8	39 -	56 -	106 -	158 -	210 -	291 10	430 267	575 491
4.0	39 -	74 -	131 -	189 -	248 -	339 170	497 446	N/A N/A
4.2	39 -	95 -	158 -	223 -	289 141	391 348	N/A N/A	N/A N/A
4.4	48 -	117 -	187 -	259 77	333 312	N/A N/A	N/A N/A	N/A N/A
4.6	64 -	140 -	218 61	298 233	N/A N/A	N/A N/A	N/A N/A	N/A N/A
4.8	81 -	165 19	251 209	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
5.0	99 -	191 154	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
5.2	118 64	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A

* This Design Table should read in conjunction with page 16 (Interpretation of Design Table)

ONE WAY SLAB CONTINUOUS END SPAN

150-1008								
Span (m)	Characteristic Imposed Load, Qk (kPa)							
	2.0	3.0	4.0	5.0	6.0	7.5	10.0	12.5
2.2	- -	- -	- -	- -	- -	- -	- -	- -
2.4	- -	- -	- -	- -	- -	- -	- -	16 -
2.6	- -	- -	- -	- -	- -	- -	5 -	53 -
2.8	- -	- -	- -	- -	- -	- -	37 -	92 -
3.0	- -	- -	- -	- -	- -	7 -	71 -	137 -
3.2	- -	- -	- -	- -	- -	35 -	109 -	186 -
3.4	- -	- -	- -	- -	16 -	65 -	151 -	240 132
3.6	- -	- -	- -	4 -	41 -	98 -	197 103	298 309
3.8	- -	- -	- -	27 -	70 -	134 24	246 280	361 505
4.0	- -	- -	6 -	53 -	100 4	173 184	298 460	N/A N/A
4.2	- -	- -	27 -	80 -	133 155	214 362	N/A N/A	N/A N/A
4.4	- -	- -	51 -	109 90	168 326	N/A N/A	N/A N/A	N/A N/A
4.6	- -	12 -	75 75	139 247	N/A N/A	N/A N/A	N/A N/A	N/A N/A
4.8	- -	32 32	101 223	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
5.0	- -	53 167	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
5.2	- 78	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A

* This Design Table should read in conjunction with page 16 (Interpretation of Design Table)

ONE WAY SLAB CONTINUOUS END SPAN

150-1010								
Span (m)	Characteristic Imposed Load, Qk (kPa)							
	2.0	3.0	4.0	5.0	6.0	7.5	10.0	12.5
2.2	15 -	15 -	15 -	15 -	15 -	15 -	15 -	39 -
2.4	15 -	15 -	15 -	15 -	15 -	15 -	32 -	73 -
2.6	15 -	15 -	15 -	15 -	15 -	15 -	62 -	110 -
2.8	15 -	15 -	15 -	15 -	15 -	38 -	94 -	150 -
3.0	15 -	15 -	15 -	15 -	26 -	65 -	128 -	195 -
3.2	15 -	15 -	15 -	20 -	49 -	93 -	167 -	244 -
3.4	15 -	15 -	15 -	40 -	73 -	122 -	209 -	297 -
3.6	15 -	15 -	25 -	62 -	99 -	156 -	254 -	355 56
3.8	15 -	15 -	44 -	85 -	127 -	192 -	303 27	418 252
4.0	15 -	18 -	64 -	110 -	158 -	230 -	356 207	N/A N/A
4.2	15 -	34 -	85 -	137 -	190 -	272 109	N/A N/A	N/A N/A
4.4	15 -	51 -	108 -	166 -	225 73	N/A N/A	N/A N/A	N/A N/A
4.6	15 -	70 -	133 -	197 -	N/A N/A	N/A N/A	N/A N/A	N/A N/A
4.8	22 -	90 -	159 -	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
5.0	36 -	110 -	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
5.2	52 -	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A

* This Design Table should read in conjunction with page 16 (Interpretation of Design Table)

ONE WAY SLAB CONTINUOUS END SPAN

150-1210								
Span (m)	Characteristic Imposed Load, Qk (kPa)							
	2.0	3.0	4.0	5.0	6.0	7.5	10.0	12.5
2.4	- -	- -	- -	- -	- -	- -	- -	26 -
2.6	- -	- -	- -	- -	- -	- -	15 -	64 -
2.8	- -	- -	- -	- -	- -	- -	47 -	104 -
3.0	- -	- -	- -	- -	- -	18 -	82 -	149 -
3.2	- -	- -	- -	- -	2 -	46 -	121 -	199 -
3.4	- -	- -	- -	- -	26 -	76 -	163 -	253 -
3.6	- -	- -	- -	15 -	52 -	110 -	209 -	312 91
3.8	- -	- -	- -	38 -	81 -	147 -	259 62	375 286
4.0	- -	- -	17 -	64 -	112 -	186 -	312 242	N/A N/A
4.2	- -	- -	38 -	91 -	145 -	227 144	N/A N/A	N/A N/A
4.4	- -	4 -	62 -	121 -	180 108	N/A N/A	N/A N/A	N/A N/A
4.6	- -	23 -	87 -	152 29	N/A N/A	N/A N/A	N/A N/A	N/A N/A
4.8	- -	43 -	113 5	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
5.0	- -	64 -	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
5.2	5 -	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A

* This Design Table should read in conjunction with page 16 (Interpretation of Design Table)

ONE WAY SLAB CONTINUOUS END SPAN

150-1212								
Span (m)	Characteristic Imposed Load, Qk (kPa)							
	2.0	3.0	4.0	5.0	6.0	7.5	10.0	12.5
2.4	33 -	33 -	33 -	33 -	33 -	33 -	53 -	94 -
2.6	33 -	33 -	33 -	33 -	33 -	34 -	83 -	131 -
2.8	33 -	33 -	33 -	33 -	33 -	59 -	115 -	171 -
3.0	33 -	33 -	33 -	33 -	47 -	86 -	150 -	217 -
3.2	33 -	33 -	33 -	40 -	70 -	114 -	189 -	267 -
3.4	33 -	33 -	33 -	61 -	94 -	144 -	231 -	321 -
3.6	33 -	33 -	46 -	83 -	120 -	178 -	277 -	380 -
3.8	33 -	33 -	65 -	106 -	149 -	214 -	327 -	443 -
4.0	33 -	39 -	85 -	132 -	180 -	253 -	380 -	N/A N/A
4.2	33 -	55 -	106 -	159 -	213 -	295 -	N/A N/A	N/A N/A
4.4	33 -	72 -	130 -	188 -	248 -	N/A N/A	N/A N/A	N/A N/A
4.6	33 -	91 -	155 -	219 -	N/A N/A	N/A N/A	N/A N/A	N/A N/A
4.8	43 -	111 -	181 -	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
5.0	57	132 -	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
5.2	73 -	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A

* This Design Table should read in conjunction with page 16 (Interpretation of Design Table)

ONE WAY SLAB CONTINUOUS END SPAN

175-1008								
Span (m)	Characteristic Imposed Load, Qk (kPa)							
	2.0	3.0	4.0	5.0	6.0	7.5	10.0	12.5
2.6	- -	- -	- -	- -	- -	- -	- -	- -
2.8	- -	- -	- -	- -	- -	- -	- -	27 -
3.0	- -	- -	- -	- -	- -	- -	10 -	62 -
3.2	- -	- -	- -	- -	- -	- -	40 -	99 -
3.4	- -	- -	- -	- -	- -	5 -	72 -	139 -
3.6	- -	- -	- -	- -	- -	30 -	106 -	184 21
3.8	- -	- -	- -	- -	7 -	58 -	143 -	233 85
4.0	- -	- -	- -	- -	31 -	87 -	184 50	284 199
4.2	- -	- -	- -	14 -	56 -	119 -	228 145	340 378
4.4	- -	- -	- -	36 -	82 -	153 50	274 317	399 561
4.6	- -	- -	10 -	59 -	111 23	189 193	323 494	462 770
4.8	- -	- -	29 -	85 -	141 147	227 363	375 682	N/A N/A
5.0	- -	- -	51 -	112 69	173 306	268 542	N/A N/A	N/A N/A
5.2	- -	8 -	73 46	140 209	207 482	N/A N/A	N/A N/A	N/A N/A
5.4	- -	26 0	97 177	170 368	N/A N/A	N/A N/A	N/A N/A	N/A N/A
5.6	- -	45 118	122 327	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
5.8	- 34	65 254	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
6.0	- 151	86 407	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A

* This Design Table should read in conjunction with page 16 (Interpretation of Design Table)

ONE WAY SLAB CONTINUOUS END SPAN

175-1010								
Span (m)	Characteristic Imposed Load, Qk (kPa)							
	2.0	3.0	4.0	5.0	6.0	7.5	10.0	12.5
2.6	37 -	37 -	37 -	37 -	37 -	37 -	37 -	54 -
2.8	37 -	37 -	37 -	37 -	37 -	37 -	41 -	87 -
3.0	37 -	37 -	37 -	37 -	37 -	37 -	69 -	122 -
3.2	37 -	37 -	37 -	37 -	37 -	40 -	100 -	159 -
3.4	37 -	37 -	37 -	37 -	37 -	64 -	132 -	199 -
3.6	37 -	37 -	37 -	37 -	45 -	90 -	166 -	244 -
3.8	37 -	37 -	37 -	37 -	67 -	118 -	203 -	292 -
4.0	37 -	37 -	37 -	53 -	91 -	147 -	244 -	344 -
4.2	37 -	37 -	37 -	74 -	115 -	178 -	287 -	399 139
4.4	37 -	37 -	51 -	96 -	142 -	213 -	334 78	459 322
4.6	37 -	37 -	70 -	119 -	171 -	249 -	383 255	522 531
4.8	37 -	37 -	89 -	145 -	201 -	287 124	435 443	N/A N/A
5.0	37 -	51 -	110 -	171 -	233 67	328 303	N/A N/A	N/A N/A
5.2	37 -	68 -	133 -	200 -	267 243	N/A N/A	N/A N/A	N/A N/A
5.4	37 -	86 -	157 -	229 129	N/A N/A	N/A N/A	N/A N/A	N/A N/A
5.6	37 -	105 -	182 88	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
5.8	43 -	125 15	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
6.0	58 -	146 168	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A

* This Design Table should read in conjunction with page 16 (Interpretation of Design Table)

ONE WAY SLAB CONTINUOUS END SPAN

175-1210								
Span (m)	Characteristic Imposed Load, Qk (kPa)							
	2.0	3.0	4.0	5.0	6.0	7.5	10.0	12.5
2.6	- -	- -	- -	- -	- -	- -	- -	- -
2.8	- -	- -	- -	- -	- -	- -	- -	15 -
3.0	- -	- -	- -	- -	- -	- -	- -	50 -
3.2	- -	- -	- -	- -	- -	- -	27 -	88 -
3.4	- -	- -	- -	- -	- -	- -	60 -	128 -
3.6	- -	- -	- -	- -	- -	18 -	94 -	173 -
3.8	- -	- -	- -	- -	- -	46 -	132 -	222 -
4.0	- -	- -	- -	- -	18 -	75 -	173 -	274 -
4.2	- -	- -	- -	2 -	43 -	107 -	217 -	330 155
4.4	- -	- -	- -	24 -	70 -	142 -	264 94	390 338
4.6	- -	- -	- -	47 -	99 -	178 -	314 271	454 547
4.8	- -	- -	17 -	73 -	130 -	217 140	366 459	N/A N/A
5.0	- -	- -	39 -	100 -	162 83	258 319	N/A N/A	N/A N/A
5.2	- -	- -	62 -	129 -	197 259	N/A N/A	N/A N/A	N/A N/A
5.4	- -	14 -	86 -	159 145	N/A N/A	N/A N/A	N/A N/A	N/A N/A
5.6	- -	33 -	111 104	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
5.8	- -	53 31	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
6.0	- -	74 185	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A

* This Design Table should read in conjunction with page 16 (Interpretation of Design Table)

ONE WAY SLAB CONTINUOUS END SPAN

175-1212								
Span (m)	Characteristic Imposed Load, Qk (kPa)							
	2.0	3.0	4.0	5.0	6.0	7.5	10.0	12.5
2.6	65 -	65 -	65 -	65 -	65 -	65 -	65 -	85 -
2.8	65 -	65 -	65 -	65 -	65 -	65 -	72 -	118 -
3.0	65 -	65 -	65 -	65 -	65 -	65 -	100 -	153 -
3.2	65 -	65 -	65 -	65 -	65 -	71 -	131 -	191 -
3.4	65 -	65 -	65 -	65 -	65 -	95 -	163 -	231 -
3.6	65 -	65 -	65 -	65 -	76 -	121 -	198 -	277 -
3.8	65 -	65 -	65 -	65 -	98 -	149 -	236 -	326 -
4.0	65 -	65 -	65 -	84 -	122 -	178 -	277 -	378 -
4.2	65 -	65 -	65 -	105 -	147 -	211 -	320 -	434 -
4.4	65 -	65 -	82 -	127 -	174 -	245 -	367 -	493 38
4.6	65 -	65 -	101 -	151 -	203 -	282 -	417 -	557 248
4.8	65 -	66 -	120 -	176 -	233 -	320 -	470 160	N/A N/A
5.0	65 -	82 -	142 -	204 -	266 -	361 19	N/A N/A	N/A N/A
5.2	65 -	99 -	165 -	232 -	300 -	N/A N/A	N/A N/A	N/A N/A
5.4	65 -	117 -	189 -	262 -	N/A N/A	N/A N/A	N/A N/A	N/A N/A
5.6	65 -	137 -	214 -	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
5.8	74 -	157 -	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
6.0	89 -	178 -	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A

* This Design Table should read in conjunction with page 16 (Interpretation of Design Table)

ONE WAY SLAB CONTINUOUS END SPAN

200-1010								
Span (m)	Characteristic Imposed Load, Qk (kPa)							
	2.0	3.0	4.0	5.0	6.0	7.5	10.0	12.5
2.8	61 -	61 -	61 -	61 -	61 -	61 -	61 -	61 -
3.0	61 -	61 -	61 -	61 -	61 -	61 -	61 -	71 -
3.2	61 -	61 -	61 -	61 -	61 -	61 -	61 -	103 -
3.4	61 -	61 -	61 -	61 -	61 -	61 -	80 -	137 -
3.6	61 -	61 -	61 -	61 -	61 -	61 -	109 -	173 -
3.8	61 -	61 -	61 -	61 -	61 -	68 -	139 -	211 -
4.0	61 -	61 -	61 -	61 -	61 -	92 -	172 -	252 -
4.2	61 -	61 -	61 -	61 -	66 -	118 -	206 -	296 -
4.4	61 -	61 -	61 -	61 -	88 -	145 -	243 -	344 -
4.6	61 -	61 -	61 -	69 -	111 -	174 -	283 -	394 40
4.8	61 -	61 -	61 -	89 -	135 -	204 -	325 -	448 219
5.0	61 -	61 -	61 -	110 -	160 -	237 -	369 131	505 397
5.2	61 -	61 -	79 -	132 -	188 -	272 -	416 310	565 595
5.4	61 -	61 -	98 -	156 -	217 -	309 147	466 489	629 818
5.6	61 -	61 -	117 -	182 -	247 76	347 324	518 686	N/A N/A
5.8	61 -	70 -	139 -	208 -	279 243	387 502	N/A N/A	N/A N/A
6.0	61 -	87 -	161 -	236 113	313 422	N/A N/A	N/A N/A	N/A N/A

* This Design Table should read in conjunction with page 16 (Interpretation of Design Table)

ONE WAY SLAB CONTINUOUS END SPAN

200-1210								
Span (m)	Characteristic Imposed Load, Qk (kPa)							
	2.0	3.0	4.0	5.0	6.0	7.5	10.0	12.5
2.8	- -	- -	- -	- -	- -	- -	- -	- -
3.0	- -	- -	- -	- -	- -	- -	- -	- -
3.2	- -	- -	- -	- -	- -	- -	- -	31 -
3.4	- -	- -	- -	- -	- -	- -	7 -	65 -
3.6	- -	- -	- -	- -	- -	- -	36 -	101 -
3.8	- -	- -	- -	- -	- -	- -	67 -	139 -
4.0	- -	- -	- -	- -	- -	20 -	100 -	180 -
4.2	- -	- -	- -	- -	- -	46 -	134 -	226 -
4.4	- -	- -	- -	- -	15 -	73 -	171 -	274 -
4.6	- -	- -	- -	- -	39 -	102 -	212 -	324 75
4.8	- -	- -	- -	17 -	63 -	133 -	254 -	379 254
5.0	- -	- -	- -	38 -	88 -	166 -	299 166	436 431
5.2	- -	- -	6 -	60 -	116 -	201 18	346 345	496 630
5.4	- -	- -	25 -	85 -	145 -	238 182	396 523	561 852
5.6	- -	- -	45 -	110 -	176 111	277 359	449 720	N/A N/A
5.8	- -	- -	67 -	137 -	208 278	317 536	N/A N/A	N/A N/A
6.0	- -	15 -	89 -	165 148	242 456	N/A N/A	N/A N/A	N/A N/A

* This Design Table should read in conjunction with page 16 (Interpretation of Design Table)

ONE WAY SLAB CONTINUOUS END SPAN

200-1212								
Span (m)	Characteristic Imposed Load, Qk (kPa)							
	2.0	3.0	4.0	5.0	6.0	7.5	10.0	12.5
2.8	23 -	23 -	23 -	23 -	23 -	23 -	23 -	23 -
3.0	23 -	23 -	23 -	23 -	23 -	23 -	23 -	37 -
3.2	23 -	23 -	23 -	23 -	23 -	23 -	23 -	69 -
3.4	23 -	23 -	23 -	23 -	23 -	23 -	45 -	103 -
3.6	23 -	23 -	23 -	23 -	23 -	23 -	74 -	139 -
3.8	23 -	23 -	23 -	23 -	23 -	33 -	105 -	177 -
4.0	23 -	23 -	23 -	23 -	23 -	58 -	138 -	218 -
4.2	23 -	23 -	23 -	23 -	31 -	84 -	172 -	263 -
4.4	23 -	23 -	23 -	23 -	53 -	111 -	209 -	311 -
4.6	23 -	23 -	23 -	34 -	76 -	140 -	250 -	362 -
4.8	23 -	23 -	23 -	55 -	101 -	171 -	292 -	416 -
5.0	23 -	23 -	26 -	76 -	126 -	204 -	337 -	474 120
5.2	23 -	23 -	44 -	98 -	154 -	239 -	384 34	534 319
5.4	23 -	23 -	63 -	123 -	183 -	276 -	434 212	599 541
5.6	23 -	23 -	83 -	148 -	214 -	315 48	487 409	N/A N/A
5.8	23 -	36 -	105 -	175 -	246 -	355 225	N/A N/A	N/A N/A
6.0	23 -	53 -	127 -	203 -	280 145	N/A N/A	N/A N/A	N/A N/A

* This Design Table should read in conjunction with page 16 (Interpretation of Design Table)

ONE WAY SLAB CONTINUOUS INTERIOR SPAN

125-0806								
Span (m)	Characteristic Imposed Load, Qk (kPa)							
	2.0	3.0	4.0	5.0	6.0	7.5	10.0	12.5
1.8	- -	- -	- -	- -	- -	- -	- -	15 -
2.0	- -	- -	- -	- -	- -	- -	14 -	52 -
2.2	- -	- -	- -	- -	- -	1 -	47 -	93 -
2.4	- -	- -	- -	- -	- -	29 -	84 -	141 -
2.6	- -	- -	- -	- -	21 -	59 -	125 -	194 23
2.8	- -	- -	- -	17 -	47 -	93 -	172 15	254 74
3.0	- -	- -	7 -	41 -	76 -	130 -	223 61	319 142
3.2	- -	- -	28 -	68 -	109 -	171 33	279 130	392 296
3.4	- -	7 -	51 -	97 -	144 24	216 78	341 279	473 457
3.6	- -	25 -	77 -	129 4	182 68	265 209	409 434	N/A N/A
3.8	- -	46 -	104 -	163 37	224 192	318 361	N/A N/A	N/A N/A
4.0	5 -	68 -	133 28	200 133	268 336	N/A N/A	N/A N/A	N/A N/A
4.2	21 -	92 13	164 123	239 261	N/A N/A	N/A N/A	N/A N/A	N/A N/A
4.4	38 -	117 90	198 244	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
4.6	57 35	144 198	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
4.8	76 124	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
5.0	97 231	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A

* This Design Table should read in conjunction with page 16 (Interpretation of Design Table)

ONE WAY SLAB CONTINUOUS INTERIOR SPAN

125-0808								
Span (m)	Characteristic Imposed Load, Qk (kPa)							
	2.0	3.0	4.0	5.0	6.0	7.5	10.0	12.5
2.0	19 -	19 -	19 -	19 -	19 -	19 -	56 -	94 -
2.2	19 -	19 -	19 -	19 -	19 -	44 -	90 -	136 -
2.4	19 -	19 -	19 -	19 -	39 -	72 -	126 -	183 -
2.6	19 -	19 -	19 -	38 -	63 -	102 -	168 -	237 -
2.8	19 -	19 -	30 -	60 -	90 -	135 -	214 -	296 -
3.0	19 -	19 -	50 -	84 -	119 -	173 -	266 -	362 -
3.2	19 -	32 -	71 -	111 -	151 -	214 -	322 -	435 83
3.4	19 -	49 -	94 -	140 -	187 -	259 -	383 66	515 244
3.6	19 -	68 -	119 -	171 -	225 -	307 -	451 221	N/A N/A
3.8	32 -	89 -	146 -	206 -	266 -	360 148	N/A N/A	N/A N/A
4.0	47 -	111 -	176 -	242 -	311 123	N/A N/A	N/A N/A	N/A N/A
4.2	64 -	134 -	207 -	282 48	N/A N/A	N/A N/A	N/A N/A	N/A N/A
4.4	81 -	159 -	240 31	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
4.6	99 -	186 -	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
4.8	119 -	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
5.0	140 18	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A

* This Design Table should read in conjunction with page 16 (Interpretation of Design Table)

ONE WAY SLAB CONTINUOUS INTERIOR SPAN

125-1008								
Span (m)	Characteristic Imposed Load, Qk (kPa)							
	2.0	3.0	4.0	5.0	6.0	7.5	10.0	12.5
2.0	- -	- -	- -	- -	- -	- -	- -	- -
2.2	- -	- -	- -	- -	- -	- -	- -	31 -
2.4	- -	- -	- -	- -	- -	- -	23 -	70 -
2.6	- -	- -	- -	- -	- -	3 -	57 -	114 -
2.8	- -	- -	- -	- -	- -	30 -	96 -	164 -
3.0	- -	- -	- -	- -	16 -	61 -	138 -	218 -
3.2	- -	- -	- -	- -	43 -	95 -	184 -	277 94
3.4	- -	- -	- -	33 -	72 -	132 -	235 77	343 255
3.6	- -	- -	16 -	59 -	104 -	172 8	290 232	N/A N/A
3.8	- -	- -	38 -	88 -	138 -	215 159	N/A N/A	N/A N/A
4.0	- -	8 -	63 -	118 -	175 135	N/A N/A	N/A N/A	N/A N/A
4.2	- -	28 -	88 -	151 60	N/A N/A	N/A N/A	N/A N/A	N/A N/A
4.4	- -	49 -	116 42	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
4.6	- -	71 -	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
4.8	15 -	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
5.0	32 30	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A

* This Design Table should read in conjunction with page 16 (Interpretation of Design Table)

ONE WAY SLAB CONTINUOUS INTERIOR SPAN

125-1010								
Span (m)	Characteristic Imposed Load, Qk (kPa)							
	2.0	3.0	4.0	5.0	6.0	7.5	10.0	12.5
2.0	4 -	4 -	4 -	4 -	4 -	4 -	19 -	51 -
2.2	4 -	4 -	4 -	4 -	4 -	8 -	48 -	87 -
2.4	4 -	4 -	4 -	4 -	4 -	32 -	79 -	125 -
2.6	4 -	4 -	4 -	4 -	25 -	58 -	112 -	170 -
2.8	4 -	4 -	4 -	22 -	47 -	85 -	151 -	219 -
3.0	4 -	4 -	14 -	43 -	72 -	116 -	193 -	273 -
3.2	4 -	4 -	31 -	64 -	98 -	150 -	240 -	332 -
3.4	4 -	13 -	50 -	88 -	127 -	187 -	290 -	398 -
3.6	4 -	29 -	71 -	115 -	159 -	227 -	345 -	N/A N/A
3.8	4 -	45 -	93 -	143 -	193 -	271 -	N/A N/A	N/A N/A
4.0	11 -	63 -	118 -	173 -	230 -	N/A N/A	N/A N/A	N/A N/A
4.2	24 -	83 -	144 -	206 -	N/A N/A	N/A N/A	N/A N/A	N/A N/A
4.4	38 -	104 -	171 -	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
4.6	54 -	126 -	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
4.8	70 -	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
5.0	87 -	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A

* This Design Table should read in conjunction with page 16 (Interpretation of Design Table)

ONE WAY SLAB CONTINUOUS INTERIOR SPAN

150-0808								
Span (m)	Characteristic Imposed Load, Qk (kPa)							
	2.0	3.0	4.0	5.0	6.0	7.5	10.0	12.5
2.0	39 –	39 –	39 –	39 –	39 –	39 –	39 –	39 –
2.2	39 –	39 –	39 –	39 –	39 –	39 –	39 –	71 –
2.4	39 –	39 –	39 –	39 –	39 –	39 –	63 –	106 –
2.6	39 –	39 –	39 –	39 –	39 –	44 –	94 –	145 –
2.8	39 –	39 –	39 –	39 –	39 –	70 –	128 –	186 –
3.0	39 –	39 –	39 –	39 –	57 –	97 –	164 –	234 –
3.2	39 –	39 –	39 –	50 –	81 –	126 –	204 –	286 –
3.4	39 –	39 –	39 –	72 –	106 –	158 –	249 –	342 –
3.6	39 –	39 –	56 –	94 –	133 –	193 –	296 –	403 –
3.8	39 –	39 –	75 –	118 –	163 –	231 –	348 –	469 82
4.0	39 –	48 –	96 –	145 –	195 –	272 –	404 37	541 236
4.2	39 –	65 –	119 –	174 –	230 –	315 –	464 188	620 398
4.4	39 –	83 –	143 –	204 –	266 –	362 80	528 341	704 584
4.6	39 –	103 –	169 –	237 –	305 39	412 228	598 507	N/A N/A
4.8	53 –	124 –	197 –	271 –	347 177	465 382	N/A N/A	N/A N/A
5.0	68 –	146 –	226 –	307 74	392 330	N/A N/A	N/A N/A	N/A N/A
5.2	84 –	169 –	256 42	346 209	N/A N/A	N/A N/A	N/A N/A	N/A N/A
5.4	101 –	193 –	289 168	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
5.6	119 –	219 100	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
5.8	137 4	246 228	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
6.0	157 113	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A

* This Design Table should read in conjunction with page 16 (Interpretation of Design Table)

ONE WAY SLAB CONTINUOUS INTERIOR SPAN

150-1008								
Span (m)	Characteristic Imposed Load, Qk (kPa)							
	2.0	3.0	4.0	5.0	6.0	7.5	10.0	12.5
2.2	- -	- -	- -	- -	- -	- -	- -	- -
2.4	- -	- -	- -	- -	- -	- -	- -	- -
2.6	- -	- -	- -	- -	- -	- -	- -	25 -
2.8	- -	- -	- -	- -	- -	- -	11 -	60 -
3.0	- -	- -	- -	- -	- -	- -	41 -	98 -
3.2	- -	- -	- -	- -	- -	9 -	74 -	141 -
3.4	- -	- -	- -	- -	- -	36 -	110 -	188 -
3.6	- -	- -	- -	- -	15 -	64 -	150 -	238 -
3.8	- -	- -	- -	3 -	39 -	95 -	192 -	293 96
4.0	- -	- -	- -	24 -	65 -	129 -	238 51	351 250
4.2	- -	- -	2 -	47 -	94 -	165 -	287 201	415 412
4.4	- -	- -	22 -	73 -	124 -	203 94	340 355	483 597
4.6	- -	- -	43 -	99 -	157 53	244 242	396 521	N/A N/A
4.8	- -	5 -	66 -	128 -	191 191	288 396	N/A N/A	N/A N/A
5.0	- -	23 -	90 -	158 87	227 344	N/A N/A	N/A N/A	N/A N/A
5.2	- -	43 -	115 56	189 223	N/A N/A	N/A N/A	N/A N/A	N/A N/A
5.4	- -	63 -	142 182	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
5.6	- -	84 113	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
5.8	16 18	106 242	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
6.0	32 126	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A

* This Design Table should read in conjunction with page 16 (Interpretation of Design Table)

ONE WAY SLAB CONTINUOUS INTERIOR SPAN

150-1010								
Span (m)	Characteristic Imposed Load, Qk (kPa)							
	2.0	3.0	4.0	5.0	6.0	7.5	10.0	12.5
2.2	15 –	15 –	15 –	15 –	15 –	15 –	15 –	20 –
2.4	15 –	15 –	15 –	15 –	15 –	15 –	15 –	50 –
2.6	15 –	15 –	15 –	15 –	15 –	15 –	40 –	82 –
2.8	15 –	15 –	15 –	15 –	15 –	19 –	68 –	118 –
3.0	15 –	15 –	15 –	15 –	15 –	42 –	99 –	156 –
3.2	15 –	15 –	15 –	15 –	28 –	67 –	132 –	199 –
3.4	15 –	15 –	15 –	20 –	50 –	93 –	168 –	245 –
3.6	15 –	15 –	15 –	40 –	72 –	121 –	207 –	296 –
3.8	15 –	15 –	24 –	60 –	97 –	153 –	250 –	350 –
4.0	15 –	15 –	41 –	82 –	123 –	187 –	296 –	409 –
4.2	15 –	15 –	60 –	105 –	151 –	223 –	345 –	472 159
4.4	15 –	30 –	79 –	130 –	182 –	261 –	397 102	540 345
4.6	15 –	46 –	101 –	157 –	214 –	302 –	454 268	N/A N/A
4.8	15 –	63 –	123 –	185 –	248 –	345 143	N/A N/A	N/A N/A
5.0	16 –	81 –	147 –	215 –	285 91	N/A N/A	N/A N/A	N/A N/A
5.2	29 –	100 –	173 –	247 –	N/A N/A	N/A N/A	N/A N/A	N/A N/A
5.4	43 –	120 –	199 –	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
5.6	58 –	142 –	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
5.8	73 –	164 –	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
6.0	89 –	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A

* This Design Table should read in conjunction with page 16 (Interpretation of Design Table)

ONE WAY SLAB CONTINUOUS INTERIOR SPAN

150-1210								
Span (m)	Characteristic Imposed Load, Qk (kPa)							
	2.0	3.0	4.0	5.0	6.0	7.5	10.0	12.5
2.4	- -	- -	- -	- -	- -	- -	- -	3 -
2.6	- -	- -	- -	- -	- -	- -	- -	36 -
2.8	- -	- -	- -	- -	- -	- -	21 -	71 -
3.0	- -	- -	- -	- -	- -	- -	52 -	110 -
3.2	- -	- -	- -	- -	- -	20 -	85 -	153 -
3.4	- -	- -	- -	- -	3 -	47 -	122 -	200 -
3.6	- -	- -	- -	- -	26 -	75 -	162 -	251 -
3.8	- -	- -	- -	13 -	50 -	107 -	205 -	307 -
4.0	- -	- -	- -	35 -	77 -	141 -	252 -	366 32
4.2	- -	- -	13 -	58 -	106 -	178 -	301 -	430 193
4.4	- -	- -	33 -	84 -	136 -	216 -	355 136	499 379
4.6	- -	- -	54 -	111 -	169 -	258 23	412 303	N/A N/A
4.8	- -	16 -	77 -	140 -	204 -	302 178	N/A N/A	N/A N/A
5.0	- -	34 -	102 -	170 -	240 125	N/A N/A	N/A N/A	N/A N/A
5.2	- -	54 -	127 -	202 4	N/A N/A	N/A N/A	N/A N/A	N/A N/A
5.4	- -	74 -	154 -	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
5.6	11 -	96 -	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
5.8	27 -	118 23	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
6.0	43 -	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A

* This Design Table should read in conjunction with page 16 (Interpretation of Design Table)

ONE WAY SLAB CONTINUOUS INTERIOR SPAN

150-1212								
Span (m)	Characteristic Imposed Load, Qk (kPa)							
	2.0	3.0	4.0	5.0	6.0	7.5	10.0	12.5
2.4	33 -	33 -	33 -	33 -	33 -	33 -	34 -	70 -
2.6	33 -	33 -	33 -	33 -	33 -	33 -	60 -	103 -
2.8	33 -	33 -	33 -	33 -	33 -	39 -	89 -	139 -
3.0	33 -	33 -	33 -	33 -	33 -	63 -	120 -	177 -
3.2	33 -	33 -	33 -	33 -	49 -	88 -	153 -	221 -
3.4	33 -	33 -	33 -	41 -	70 -	115 -	190 -	268 -
3.6	33 -	33 -	33 -	60 -	93 -	143 -	230 -	319 -
3.8	33 -	33 -	44 -	81 -	118 -	175 -	273 -	374 -
4.0	33 -	33 -	62 -	103 -	145 -	209 -	319 -	434 -
4.2	33 -	36 -	80 -	126 -	173 -	245 -	369 -	498 -
4.4	33 -	51 -	100 -	152 -	204 -	284 -	422 -	567 70
4.6	33 -	66 -	122 -	179 -	237 -	326 -	479 -	N/A N/A
4.8	33 -	84 -	145 -	208 -	271 -	370 -	N/A N/A	N/A N/A
5.0	37 -	102 -	169 -	238 -	308 -	N/A N/A	N/A N/A	N/A N/A
5.2	50 -	122 -	195 -	270 -	N/A N/A	N/A N/A	N/A N/A	N/A N/A
5.4	64 -	142 -	222 -	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
5.6	79 -	164 -	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
5.8	95 -	186 -	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
6.0	111 -	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A

* This Design Table should read in conjunction with page 16 (Interpretation of Design Table)

ONE WAY SLAB CONTINUOUS INTERIOR SPAN

175-1008								
Span (m)	Characteristic Imposed Load, Qk (kPa)							
	2.0	3.0	4.0	5.0	6.0	7.5	10.0	12.5
2.6	- -	- -	- -	- -	- -	- -	- -	- -
2.8	- -	- -	- -	- -	- -	- -	- -	1 -
3.0	- -	- -	- -	- -	- -	- -	- -	32 -
3.2	- -	- -	- -	- -	- -	- -	12 -	65 -
3.4	- -	- -	- -	- -	- -	- -	41 -	101 -
3.6	- -	- -	- -	- -	- -	4 -	71 -	138 -
3.8	- -	- -	- -	- -	- -	28 -	103 -	180 -
4.0	- -	- -	- -	- -	4 -	54 -	138 -	225 7
4.2	- -	- -	- -	- -	26 -	81 -	176 -	274 62
4.4	- -	- -	- -	9 -	49 -	110 -	216 23	325 122
4.6	- -	- -	- -	29 -	73 -	142 -	259 76	380 258
4.8	- -	- -	3 -	51 -	100 -	175 14	304 181	438 411
5.0	- -	- -	21 -	74 -	128 -	211 61	353 334	500 576
5.2	- -	- -	40 -	98 -	158 28	248 192	404 487	566 761
5.4	- -	- -	61 -	124 -	189 130	287 340	458 651	N/A N/A
5.6	- -	15 -	83 -	151 21	221 267	329 496	N/A N/A	N/A N/A
5.8	- -	33 -	106 -	180 137	256 416	373 649	N/A N/A	N/A N/A
6.0	- -	51 -	130 93	210 266	292 573	N/A N/A	N/A N/A	N/A N/A

* This Design Table should read in conjunction with page 16 (Interpretation of Design Table)

ONE WAY SLAB CONTINUOUS INTERIOR SPAN

175-1010								
Span (m)	Characteristic Imposed Load, Qk (kPa)							
	2.0	3.0	4.0	5.0	6.0	7.5	10.0	12.5
2.6	37 -	37 -	37 -	37 -	37 -	37 -	37 -	37 -
2.8	37 -	37 -	37 -	37 -	37 -	37 -	37 -	60 -
3.0	37 -	37 -	37 -	37 -	37 -	37 -	45 -	92 -
3.2	37 -	37 -	37 -	37 -	37 -	37 -	72 -	125 -
3.4	37 -	37 -	37 -	37 -	37 -	40 -	100 -	160 -
3.6	37 -	37 -	37 -	37 -	37 -	64 -	131 -	198 -
3.8	37 -	37 -	37 -	37 -	43 -	88 -	163 -	240 -
4.0	37 -	37 -	37 -	37 -	64 -	114 -	198 -	285 -
4.2	37 -	37 -	37 -	49 -	86 -	141 -	236 -	333 -
4.4	37 -	37 -	37 -	69 -	109 -	170 -	276 -	385 -
4.6	37 -	37 -	45 -	89 -	133 -	202 -	319 -	439 19
4.8	37 -	37 -	62 -	110 -	160 -	235 -	364 -	498 172
5.0	37 -	37 -	81 -	133 -	188 -	270 -	412 95	560 337
5.2	37 -	43 -	100 -	158 -	217 -	308 -	463 248	626 522
5.4	37 -	58 -	121 -	184 -	248 -	347 101	518 412	N/A N/A
5.6	37 -	75 -	143 -	211 -	281 28	389 257	N/A N/A	N/A N/A
5.8	37 -	92 -	165 -	240 -	316 177	432 410	N/A N/A	N/A N/A
6.0	37 -	111 -	189 -	270 27	352 334	N/A N/A	N/A N/A	N/A N/A

* This Design Table should read in conjunction with page 16 (Interpretation of Design Table)

ONE WAY SLAB CONTINUOUS INTERIOR SPAN

175-1210								
Span (m)	Characteristic Imposed Load, Qk (kPa)							
	2.0	3.0	4.0	5.0	6.0	7.5	10.0	12.5
2.6	- -	- -	- -	- -	- -	- -	- -	- -
2.8	- -	- -	- -	- -	- -	- -	- -	- -
3.0	- -	- -	- -	- -	- -	- -	- -	19 -
3.2	- -	- -	- -	- -	- -	- -	- -	53 -
3.4	- -	- -	- -	- -	- -	- -	28 -	89 -
3.6	- -	- -	- -	- -	- -	- -	59 -	127 -
3.8	- -	- -	- -	- -	- -	16 -	91 -	169 -
4.0	- -	- -	- -	- -	- -	42 -	126 -	215 -
4.2	- -	- -	- -	- -	14 -	69 -	165 -	263 -
4.4	- -	- -	- -	- -	37 -	99 -	205 -	315 -
4.6	- -	- -	- -	17 -	61 -	131 -	249 -	371 35
4.8	- -	- -	- -	38 -	88 -	164 -	295 -	430 188
5.0	- -	- -	8 -	62 -	117 -	200 -	343 111	492 353
5.2	- -	- -	28 -	87 -	146 -	238 -	395 264	559 538
5.4	- -	- -	49 -	113 -	178 -	278 117	450 428	N/A N/A
5.6	- -	3 -	71 -	140 -	211 44	319 273	N/A N/A	N/A N/A
5.8	- -	20 -	94 -	169 -	246 193	364 426	N/A N/A	N/A N/A
6.0	- -	39 -	118 -	199 43	282 350	N/A N/A	N/A N/A	N/A N/A

* This Design Table should read in conjunction with page 16 (Interpretation of Design Table)

ONE WAY SLAB CONTINUOUS INTERIOR SPAN

175-1212								
Span (m)	Characteristic Imposed Load, Qk (kPa)							
	2.0	3.0	4.0	5.0	6.0	7.5	10.0	12.5
2.6	65 –	65 –	65 –	65 –	65 –	65 –	65 –	65 –
2.8	65 –	65 –	65 –	65 –	65 –	65 –	65 –	91 –
3.0	65 –	65 –	65 –	65 –	65 –	65 –	76 –	123 –
3.2	65 –	65 –	65 –	65 –	65 –	65 –	103 –	156 –
3.4	65 –	65 –	65 –	65 –	65 –	71 –	132 –	192 –
3.6	65 –	65 –	65 –	65 –	65 –	95 –	162 –	230 –
3.8	65 –	65 –	65 –	65 –	74 –	119 –	195 –	273 –
4.0	65 –	65 –	65 –	65 –	95 –	145 –	230 –	318 –
4.2	65 –	65 –	65 –	80 –	117 –	172 –	268 –	367 –
4.4	65 –	65 –	65 –	100 –	140 –	202 –	309 –	419 –
4.6	65 –	65 –	76 –	120 –	165 –	234 –	352 –	474 –
4.8	65 –	65 –	94 –	142 –	192 –	268 –	398 –	533 –
5.0	65 –	65 –	112 –	165 –	220 –	303 –	447 –	596 53
5.2	65 –	74 –	131 –	190 –	250 –	341 –	498 –	663 239
5.4	65 –	90 –	152 –	216 –	281 –	381 –	553 128	N/A N/A
5.6	65 –	106 –	174 –	244 –	314 –	423 –	N/A N/A	N/A N/A
5.8	65 –	124 –	197 –	273 –	349 –	467 127	N/A N/A	N/A N/A
6.0	65 –	142 –	222 –	303 –	386 50	N/A N/A	N/A N/A	N/A N/A

* This Design Table should read in conjunction with page 16 (Interpretation of Design Table)

ONE WAY SLAB CONTINUOUS INTERIOR SPAN

200-1010								
Span (m)	Characteristic Imposed Load, Qk (kPa)							
	2.0	3.0	4.0	5.0	6.0	7.5	10.0	12.5
2.8	61 -	61 -	61 -	61 -	61 -	61 -	61 -	61 -
3.0	61 -	61 -	61 -	61 -	61 -	61 -	61 -	61 -
3.2	61 -	61 -	61 -	61 -	61 -	61 -	61 -	74 -
3.4	61 -	61 -	61 -	61 -	61 -	61 -	61 -	104 -
3.6	61 -	61 -	61 -	61 -	61 -	61 -	79 -	136 -
3.8	61 -	61 -	61 -	61 -	61 -	61 -	106 -	170 -
4.0	61 -	61 -	61 -	61 -	61 -	64 -	135 -	205 -
4.2	61 -	61 -	61 -	61 -	61 -	87 -	165 -	243 -
4.4	61 -	61 -	61 -	61 -	61 -	112 -	197 -	284 -
4.6	61 -	61 -	61 -	61 -	81 -	137 -	231 -	329 -
4.8	61 -	61 -	61 -	62 -	102 -	163 -	267 -	375 -
5.0	61 -	61 -	61 -	80 -	124 -	191 -	306 -	425 -
5.2	61 -	61 -	61 -	100 -	148 -	221 -	347 -	477 38
5.4	61 -	61 -	69 -	120 -	172 -	253 -	390 -	532 193
5.6	61 -	61 -	86 -	142 -	199 -	286 -	436 88	590 347
5.8	61 -	61 -	104 -	165 -	227 -	321 -	483 243	651 516
6.0	61 -	61 -	123 -	189 -	256 -	358 68	533 396	716 702

* This Design Table should read in conjunction with page 16 (Interpretation of Design Table)

ONE WAY SLAB CONTINUOUS INTERIOR SPAN

200-1210								
Span (m)	Characteristic Imposed Load, Qk (kPa)							
	2.0	3.0	4.0	5.0	6.0	7.5	10.0	12.5
2.8	– –	– –	– –	– –	– –	– –	– –	– –
3.0	– –	– –	– –	– –	– –	– –	– –	– –
3.2	– –	– –	– –	– –	– –	– –	– –	1 –
3.4	– –	– –	– –	– –	– –	– –	– –	32 –
3.6	– –	– –	– –	– –	– –	– –	6 –	64 –
3.8	– –	– –	– –	– –	– –	– –	34 –	98 –
4.0	– –	– –	– –	– –	– –	– –	63 –	134 –
4.2	– –	– –	– –	– –	– –	15 –	93 –	172 –
4.4	– –	– –	– –	– –	– –	39 –	125 –	214 –
4.6	– –	– –	– –	– –	8 –	65 –	159 –	258 –
4.8	– –	– –	– –	– –	30 –	91 –	196 –	305 –
5.0	– –	– –	– –	8 –	52 –	119 –	236 –	355 –
5.2	– –	– –	– –	28 –	76 –	150 –	277 –	407 72
5.4	– –	– –	– –	48 –	101 –	182 –	320 –	463 228
5.6	– –	– –	14 –	70 –	128 –	216 –	366 123	522 381
5.8	– –	– –	32 –	93 –	156 –	251 –	414 278	584 550
6.0	– –	– –	51 –	118 –	185 –	288 103	465 431	649 737

* This Design Table should read in conjunction with page 16 (Interpretation of Design Table)

ONE WAY SLAB CONTINUOUS INTERIOR SPAN

200-1212								
Span (m)	Characteristic Imposed Load, Qk (kPa)							
	2.0	3.0	4.0	5.0	6.0	7.5	10.0	12.5
2.8	23 –	23 –	23 –	23 –	23 –	23 –	23 –	23 –
3.0	23 –	23 –	23 –	23 –	23 –	23 –	23 –	23 –
3.2	23 –	23 –	23 –	23 –	23 –	23 –	23 –	39 –
3.4	23 –	23 –	23 –	23 –	23 –	23 –	23 –	70 –
3.6	23 –	23 –	23 –	23 –	23 –	23 –	44 –	102 –
3.8	23 –	23 –	23 –	23 –	23 –	23 –	72 –	136 –
4.0	23 –	23 –	23 –	23 –	23 –	30 –	101 –	172 –
4.2	23 –	23 –	23 –	23 –	23 –	53 –	131 –	210 –
4.4	23 –	23 –	23 –	23 –	26 –	77 –	163 –	252 –
4.6	23 –	23 –	23 –	23 –	46 –	102 –	197 –	296 –
4.8	23 –	23 –	23 –	27 –	68 –	129 –	234 –	343 –
5.0	23 –	23 –	23 –	46 –	90 –	157 –	273 –	393 –
5.2	23 –	23 –	23 –	66 –	113 –	188 –	315 –	445 –
5.4	23 –	23 –	34 –	86 –	139 –	220 –	358 –	501 –
5.6	23 –	23 –	52 –	108 –	166 –	254 –	404 –	560 70
5.8	23 –	23 –	70 –	131 –	194 –	289 –	452 –	622 239
6.0	23 –	25 –	89 –	156 –	223 –	326 –	503 119	687 426

* This Design Table should read in conjunction with page 16 (Interpretation of Design Table)

HEAVY DUTY ONE WAY SLAB SINGLE SPAN

175-1210								
Span (m)	Characteristic Imposed Load, Qk (kPa)							
	15.0	20.0	22.5	25.0	27.5	30.0	32.5	35.0
2.20	-	-	-	-	-	-	-	-
2.40	-	-	-	-	-	-	-	8
2.60	-	-	-	-	-	27	98	184
2.80	-	-	-	61	165	272	384	500
3.00	-	54	182	314	450	592	738	890
3.20	-	290	452	620	797	980	N/A	N/A
3.40	189	570	775	991	N/A	N/A	N/A	N/A
3.60	427	N/A	N/A	N/A	N/A	N/A	N/A	N/A

175-1212								
Span (m)	Characteristic Imposed Load, Qk (kPa)							
	15.0	20.0	22.5	25.0	27.5	30.0	32.5	35.0
2.40	-	-	-	-	-	-	-	-
2.60	-	-	-	-	-	-	-	-
2.80	-	-	-	-	-	-	71	186
3.00	-	-	-	-	136	278	424	576
3.20	-	-	138	307	483	667	858	N/A
3.40	-	257	462	678	N/A	N/A	N/A	N/A
3.60	114	N/A	N/A	N/A	N/A	N/A	N/A	N/A

* This Design Table should read in conjunction with page 16 (Interpretation of Design Table)

HEAVY DUTY ONE WAY SLAB SINGLE SPAN

200-1210								
Span (m)	Characteristic Imposed Load, Qk (kPa)							
	15.0	20.0	22.5	25.0	27.5	30.0	32.5	35.0
2.60	-	-	-	-	-	-	-	10
2.80	-	-	-	-	-	21	79	138
3.00	-	-	-	8	75	142	210	296
3.20	-	-	42	129	241	357	475	598
3.40	-	86	231	368	508	655	806	963
3.60	-	317	480	650	827	N/A	N/A	N/A
3.80	179	572	773	983	N/A	N/A	N/A	N/A
4.00	411	869	N/A	N/A	N/A	N/A	N/A	N/A
4.20	658	N/A	N/A	N/A	N/A	N/A	N/A	N/A

200-1212								
Span (m)	Characteristic Imposed Load, Qk (kPa)							
	15.0	20.0	22.5	25.0	27.5	30.0	32.5	35.0
2.80	-	-	-	-	-	-	-	-
3.00	-	-	-	-	-	-	-	3
3.20	-	-	-	-	-	64	183	306
3.40	-	-	-	75	215	363	513	670
3.60	-	24	188	357	534	717	909	N/A
3.80	-	279	481	691	910	N/A	N/A	N/A
4.00	118	576	823	N/A	N/A	N/A	N/A	N/A
4.20	365	N/A	N/A	N/A	N/A	N/A	N/A	N/A

* This Design Table should read in conjunction with page 16 (Interpretation of Design Table)

HEAVY DUTY ONE WAY SLAB CONTINUOUS END SPAN

175-1210								
Span (m)	Characteristic Imposed Load, Qk (kPa)							
	15.0	20.0	22.5	25.0	27.5	30.0	32.5	35.0
2.0	- -	- -	- -	- -	- -	- -	- -	180 -
2.2	- -	- -	- -	- -	- -	- -	222 -	371 -
2.4	- -	- -	- -	- -	146 -	261 -	397 -	601 -
2.6	- -	- -	- -	113 -	265 -	408 -	606 -	792 -
2.8	- -	- -	41 -	243 -	443 -	613 -	825 -	N/A N/A
3.0	- -	52 -	193 -	380 -	578 -	837 3	N/A N/A	N/A N/A
3.2	- -	140 -	336 -	550 -	821 49	N/A N/A	N/A N/A	N/A N/A
3.4	40 -	261 -	468 6	725 113	N/A N/A	N/A N/A	N/A N/A	N/A N/A
3.6	95 -	368 69	635 201	925 339	N/A N/A	N/A N/A	N/A N/A	N/A N/A
3.8	154 -	501 271	800 434	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
4.0	218 135	641 507	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
4.2	287 330	820 780	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
4.4	361 553	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A

* This Design Table should read in conjunction with page 16 (Interpretation of Design Table)

HEAVY DUTY ONE WAY SLAB CONTINUOUS END SPAN

175-1212								
Span (m)	Characteristic Imposed Load, Qk (kPa)							
	15.0	20.0	22.5	25.0	27.5	30.0	32.5	35.0
2.0	- -	- -	- -	- -	- -	- -	- -	248 -
2.2	- -	- -	- -	- -	- -	10 -	290 -	420 -
2.4	- -	- -	- -	8 -	195 -	298 -	464 -	600 -
2.6	- -	- -	28 -	160 -	313 -	455 -	650 -	842 -
2.8	- -	40 -	88 -	280 -	460 -	690 -	891 -	N/A N/A
3.0	- -	99 -	239 -	417 -	625 -	884 -	N/A N/A	N/A N/A
3.2	36 -	198 -	374 -	600 -	868 -	N/A N/A	N/A N/A	N/A N/A
3.4	87 -	299 -	515 -	792 -	N/A N/A	N/A N/A	N/A N/A	N/A N/A
3.6	142 -	416 -	670 -	972 21	N/A N/A	N/A N/A	N/A N/A	N/A N/A
3.8	201 -	528 -	848 116	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
4.0	265 -	688 189	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
4.2	334 12	866 462	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
4.4	408 235	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A

* This Design Table should read in conjunction with page 16 (Interpretation of Design Table)

HEAVY DUTY ONE WAY SLAB CONTINUOUS END SPAN

200-1210								
Span (m)	Characteristic Imposed Load, Qk (kPa)							
	15.0	20.0	22.5	25.0	27.5	30.0	32.5	35.0
2.2	- -	- -	- -	- -	- -	- -	- -	- -
2.4	- -	- -	- -	- -	- -	- -	- -	320 -
2.6	- -	- -	- -	- -	- -	214 -	348 -	522 -
2.8	- -	- -	- -	9 -	210 -	350 -	522 -	713 -
3.0	- -	- -	23 -	68 -	348 -	566 -	735 -	992 -
3.2	- -	29 -	81 -	339 -	503 -	748 -	984 38	N/A N/A
3.4	- -	84 -	270 -	472 -	675 20	938 85	N/A N/A	N/A N/A
3.6	10 -	146 -	400 -	611 49	893 123	N/A N/A	N/A N/A	N/A N/A
3.8	58 -	297 -	516 67	796 150	N/A N/A	N/A N/A	N/A N/A	N/A N/A
4.0	109 -	408 74	657 176	968 309	N/A N/A	N/A N/A	N/A N/A	N/A N/A
4.2	164 -	525 226	825 380	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
4.4	223 76	676 429	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
4.6	285 253	834 661	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
4.8	351 443	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
5.0	422 658	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
5.2	497 899	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A

* This Design Table should read in conjunction with page 16 (Interpretation of Design Table)

HEAVY DUTY ONE WAY SLAB CONTINUOUS END SPAN

200-1212								
Span (m)	Characteristic Imposed Load, Qk (kPa)							
	15.0	20.0	22.5	25.0	27.5	30.0	32.5	35.0
2.2	- -	- -	- -	- -	- -	- -	- -	2 -
2.4	- -	- -	- -	- -	- -	9 -	38 -	368 -
2.6	- -	- -	- -	2 -	36 -	272 -	406 -	560 -
2.8	- -	- -	18 -	57 -	279 -	399 -	580 -	772 -
3.0	- -	26 -	71 -	116 -	387 -	575 -	783 -	N/A N/A
3.2	- -	77 -	129 -	360 -	571 -	776 -	N/A N/A	N/A N/A
3.4	16 -	133 -	303 -	510 -	723 -	986 -	N/A N/A	N/A N/A
3.6	59 -	194 -	433 -	658 -	960 -	N/A N/A	N/A N/A	N/A N/A
3.8	106 -	335 -	560 -	824 -	N/A N/A	N/A N/A	N/A N/A	N/A N/A
4.0	158 -	456 -	706 -	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
4.2	212 -	573 -	893 66	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
4.4	271 -	715 116	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
4.6	333 -	862 348	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
4.8	400 130	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
5.0	470 345	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
5.2	545 586	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A

* This Design Table should read in conjunction with page 16 (Interpretation of Design Table)

HEAVY DUTY ONE WAY SLAB CONTINUOUS INTERIOR SPAN

175-1210								
Span (m)	Characteristic Imposed Load, Qk (kPa)							
	15.0	20.0	22.5	25.0	27.5	30.0	32.5	35.0
2.2	- -	- -	- -	- -	- -	- -	- -	- -
2.4	- -	- -	- -	- -	- -	- -	13 -	176 -
2.6	- -	- -	- -	- -	11 -	48 -	177 -	306 -
2.8	- -	- -	- -	34 -	78 -	195 -	319 -	483 -
3.0	- -	1 -	50 -	101 -	175 -	326 -	478 -	672 -
3.2	- -	57 -	115 -	173 -	296 -	475 -	677 -	898 27
3.4	- -	119 -	184 -	251 -	444 -	644 14	875 76	N/A N/A
3.6	38 -	185 -	260 -	381 -	580 48	820 118	N/A N/A	N/A N/A
3.8	90 -	256 -	342 -	515 72	785 177	N/A N/A	N/A N/A	N/A N/A
4.0	146 -	333 8	431 130	655 258	940 392	N/A N/A	N/A N/A	N/A N/A
4.2	205 -	416 175	527 323	818 478	N/A N/A	N/A N/A	N/A N/A	N/A N/A
4.4	269 35	506 366	679 546	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
4.6	337 192	603 587	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
4.8	410 370	708 838	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
5.0	488 571	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
5.2	572 798	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A

* This Design Table should read in conjunction with page 16 (Interpretation of Design Table)

HEAVY DUTY ONE WAY SLAB CONTINUOUS INTERIOR SPAN

175-1212								
Span (m)	Characteristic Imposed Load, Qk (kPa)							
	15.0	20.0	22.5	25.0	27.5	30.0	32.5	35.0
2.2	- -	- -	- -	- -	- -	- -	- -	22 -
2.4	- -	- -	- -	- -	- -	30 -	60 -	213 -
2.6	- -	- -	- -	23 -	58 -	95 -	235 -	363 -
2.8	- -	- -	39 -	82 -	125 -	250 -	365 -	540 -
3.0	- -	48 -	98 -	148 -	221 -	363 -	535 -	718 -
3.2	- -	104 -	162 -	220 -	361 -	513 -	721 -	956 -
3.4	37 -	166 -	232 -	299 -	481 -	681 -	932 -	N/A N/A
3.6	85 -	232 -	307 -	429 -	648 -	868 -	N/A N/A	N/A N/A
3.8	137 -	303 -	389 -	563 -	793 -	N/A N/A	N/A N/A	N/A N/A
4.0	193 -	380 -	478 -	704 -	988 74	N/A N/A	N/A N/A	N/A N/A
4.2	252 -	463 -	574 5	875 160	N/A N/A	N/A N/A	N/A N/A	N/A N/A
4.4	316 -	553 48	716 228	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
4.6	384 -	650 269	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
4.8	457 52	755 520	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
5.0	535 253	869 804	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
5.2	619 480	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A

* This Design Table should read in conjunction with page 16 (Interpretation of Design Table)

HEAVY DUTY ONE WAY SLAB CONTINUOUS INTERIOR SPAN

200-1210								
Span (m)	Characteristic Imposed Load, Qk (kPa)							
	15.0	20.0	22.5	25.0	27.5	30.0	32.5	35.0
2.4	- -	- -	- -	- -	- -	- -	- -	- -
2.6	- -	- -	- -	- -	- -	- -	6 -	36 -
2.8	- -	- -	- -	- -	- -	34 -	69 -	257 -
3.0	- -	- -	- -	17 -	57 -	98 -	273 -	406 -
3.2	- -	- -	28 -	73 -	121 -	253 -	402 -	570 -
3.4	- -	30 -	83 -	137 -	226 -	401 -	557 -	764 -
3.6	- -	83 -	143 -	205 -	342 -	535 -	730 38	985 96
3.8	7 -	140 -	209 -	304 -	485 8	687 72	930 137	N/A N/A
4.0	51 -	202 -	279 -	404 27	614 98	866 171	N/A N/A	N/A N/A
4.2	99 -	567 -	354 36	529 115	790 195	N/A N/A	N/A N/A	N/A N/A
4.4	150 -	338 34	435 120	661 209	943 312	N/A N/A	N/A N/A	N/A N/A
4.6	204 -	413 114	538 236	820 376	N/A N/A	N/A N/A	N/A N/A	N/A N/A
4.8	261 -	493 263	672 422	986 588	N/A N/A	N/A N/A	N/A N/A	N/A N/A
5.0	322 93	578 455	801 633	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
5.2	387 246	669 651	950 869	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
5.4	455 412	767 882	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
5.6	528 597	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
5.8	605 801	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
6.0	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A

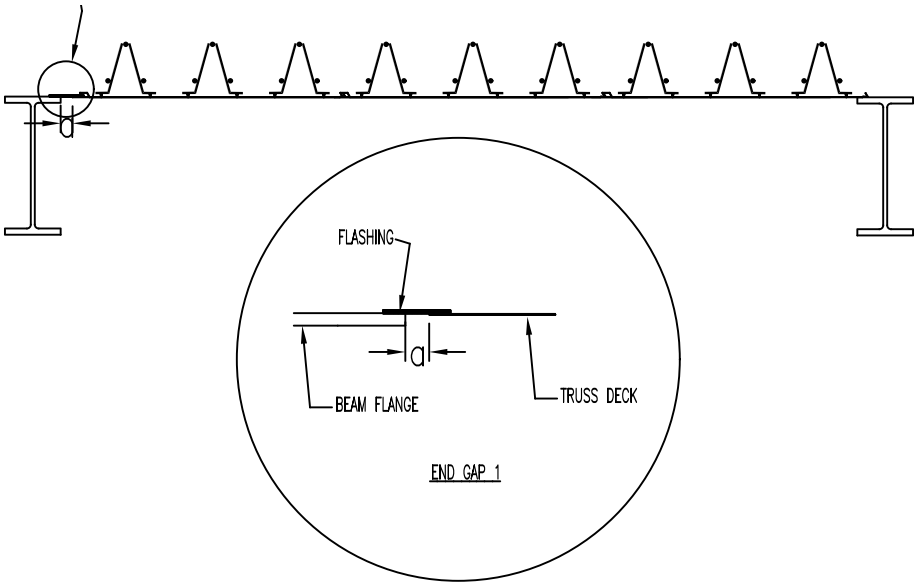
* This Design Table should read in conjunction with page 16 (Interpretation of Design Table)

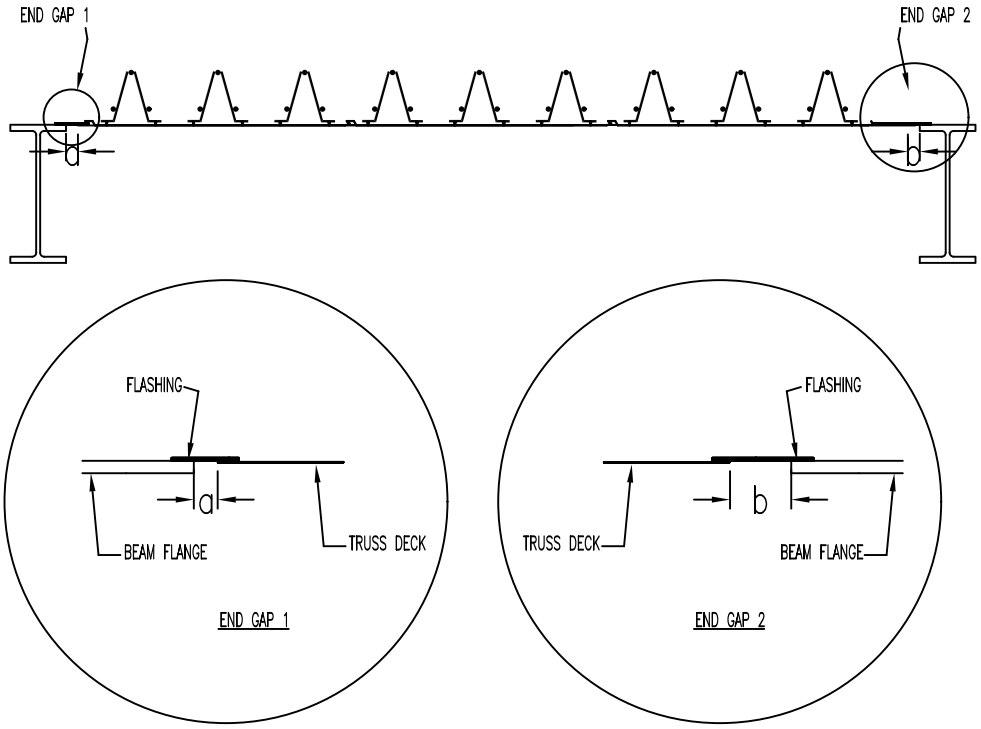
HEAVY DUTY ONE WAY SLAB CONTINUOUS INTERIOR SPAN

200-1212								
Span (m)	Characteristic Imposed Load, Qk (kPa)							
	15.0	20.0	22.5	25.0	27.5	30.0	32.5	35.0
2.4	- -	- -	- -	- -	- -	- -	- -	21 -
2.6	- -	- -	- -	- -	- -	24 -	54 -	84 -
2.8	- -	- -	- -	13 -	48 -	82 -	117 -	306 -
3.0	- -	- -	26 -	65 -	105 -	146 -	312 -	444 -
3.2	- -	31 -	76 -	122 -	169 -	301 -	450 -	620 -
3.4	- -	78 -	131 -	185 -	274 -	440 -	636 -	812 -
3.6	15 -	131 -	192 -	253 -	400 -	584 -	777 -	N/A N/A
3.8	55 -	188 -	257 -	342 -	533 -	755 -	978 -	N/A N/A
4.0	99 -	250 -	327 -	462 -	662 -	924 -	N/A N/A	N/A N/A
4.2	147 -	316 -	403 -	577 -	828 -	N/A N/A	N/A N/A	N/A N/A
4.4	198 -	386 -	483 -	709 -	990 -	N/A N/A	N/A N/A	N/A N/A
4.6	252 -	461 -	586 -	868 63	N/A N/A	N/A N/A	N/A N/A	N/A N/A
4.8	310 -	541 -	720 108	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
5.0	371 -	626 132	850 320	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
5.2	435 -	718 338	986 556	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
5.4	504 99	815 569	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
5.6	576 283	920 826	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
5.8	653 488	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
6.0	735 716	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A

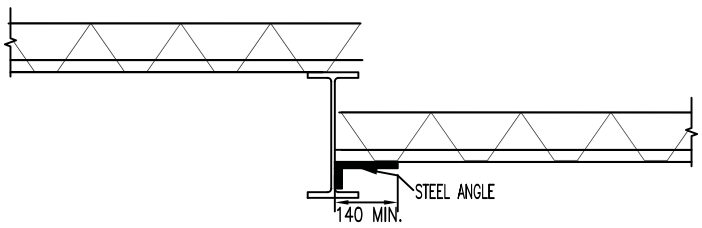
* This Design Table should read in conjunction with page 16 (Interpretation of Design Table)

TRUSS DECK END GAPS DETAILS - STEEL STRUCTURE DETAILS

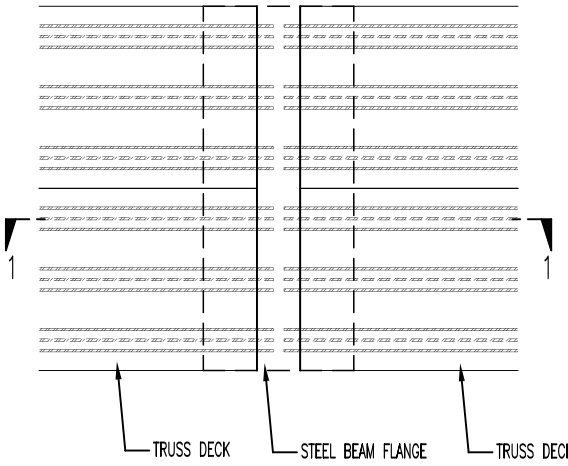




FLOOR DROP DETAILS - STEEL STRUCTURE DETAILS

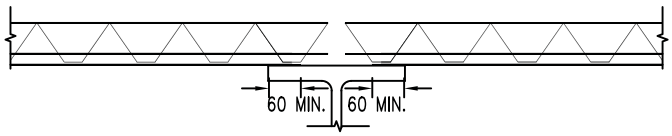


TRUSS DECK SUPPORT DETAILS - STEEL STRUCTURE DETAILS



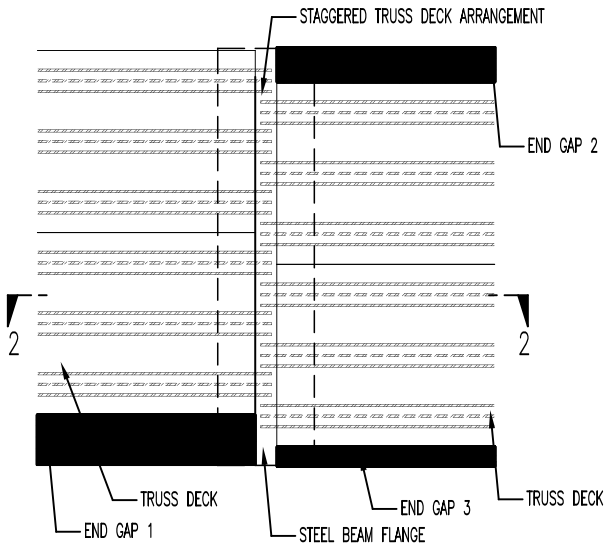
STEEL BEAM FLANGE WIDTH > 280

TRUSS DECK ARRANGEMENT FOR STEEL BEAM



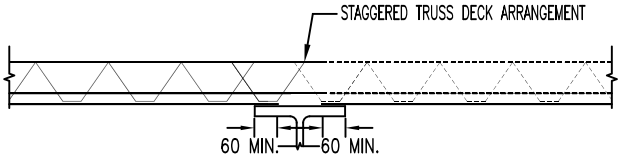
STEEL BEAM FLANGE WIDTH > 280

SECTION 1-1



STEEL BEAM FLANGE WIDTH < 280

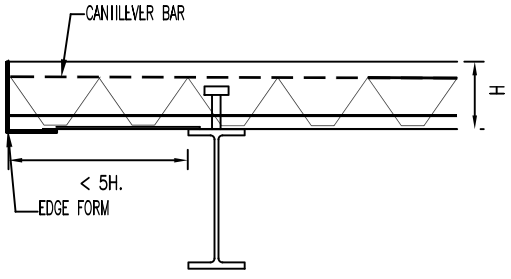
TRUSS DECK ARRANGEMENT FOR STEEL BEAM



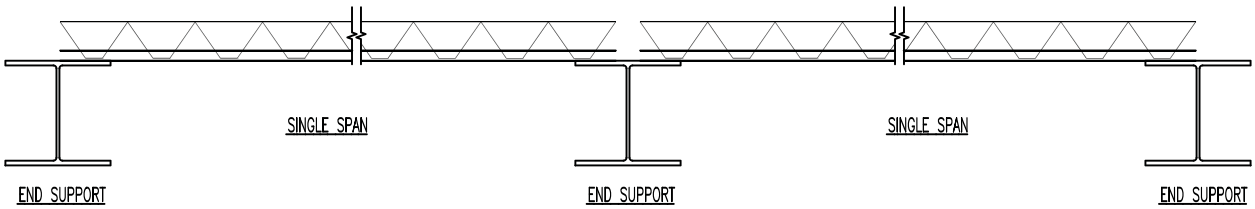
STEEL BEAM FLANGE WIDTH < 280

SECTION 2-2

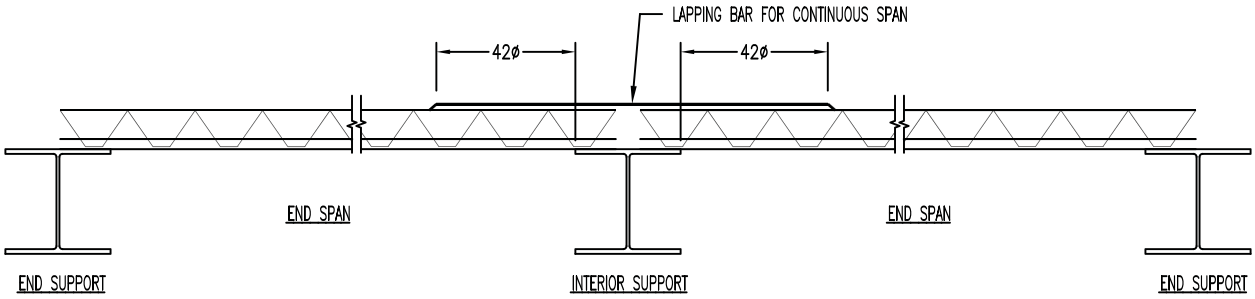
CANTILEVER DETAILS - STEEL STRUCTURE DETAILS



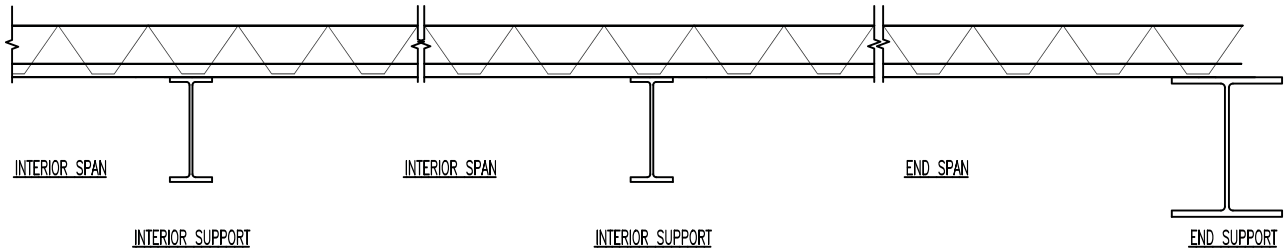
SPAN DETAILS - STEEL STRUCTURE DETAILS



SINGLE SPAN DETAILS

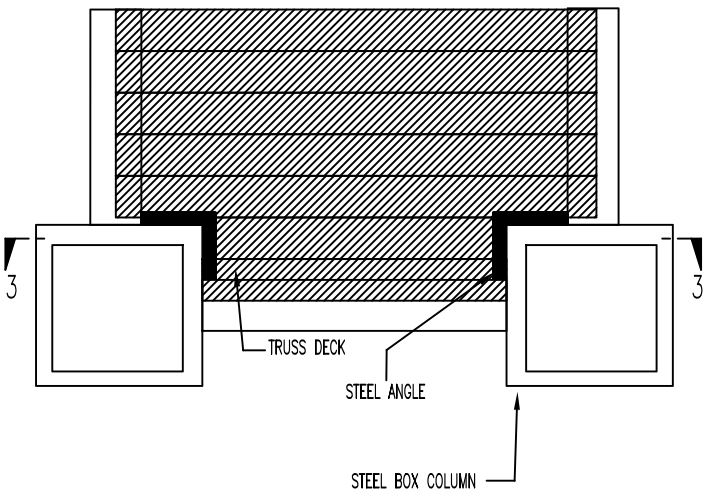


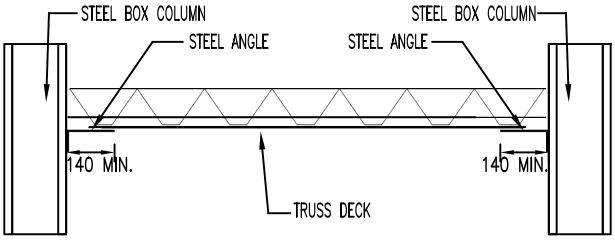
CONTINUOUS SPAN DETAILS 1



CONTINUOUS SPAN DETAILS 2

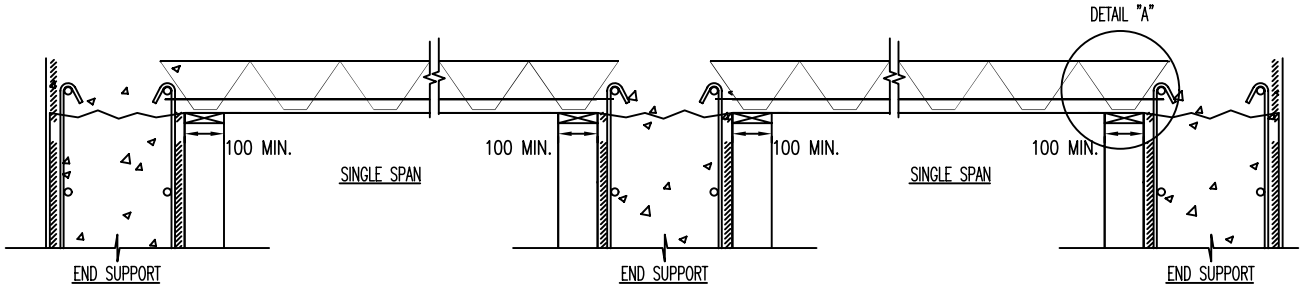
TRUSS DECK CONNECTION TO STEEL BOX COLUMN - STEEL STRUCTURE DETAILS



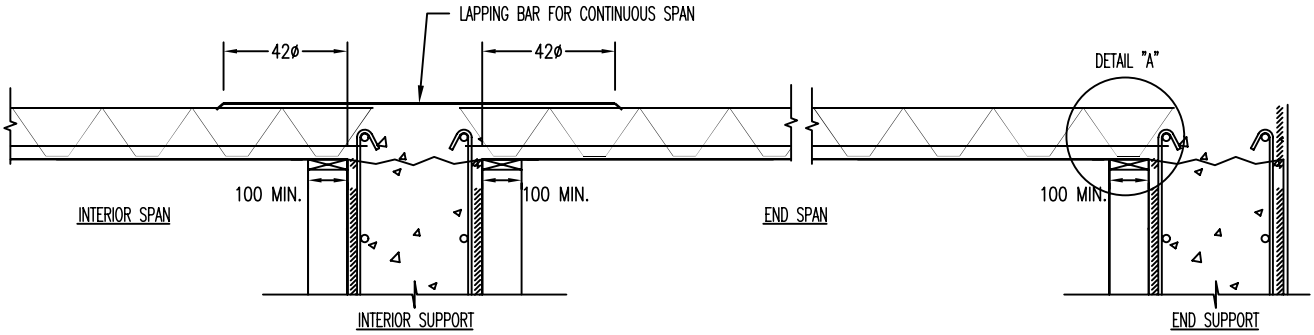


SECTION 3-3

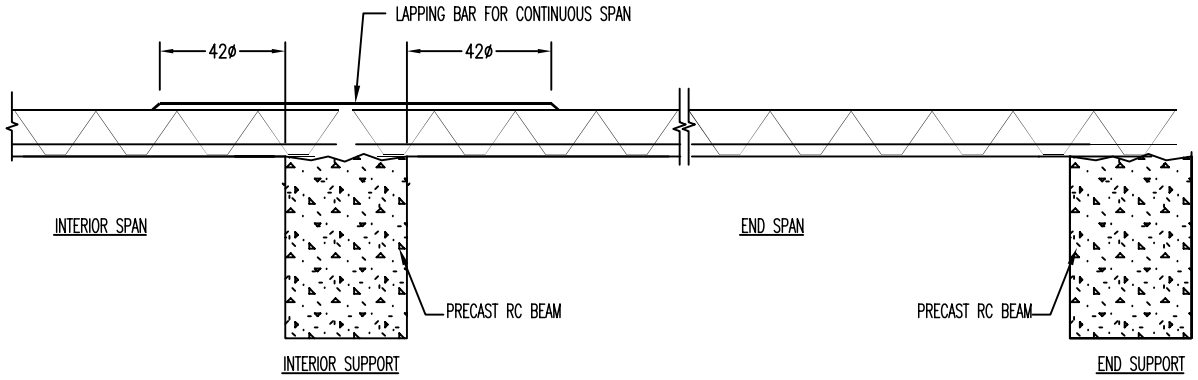
SPAN DETAILS - RC STRUCTURE DETAILS



SINGLE SPAN DETAILS

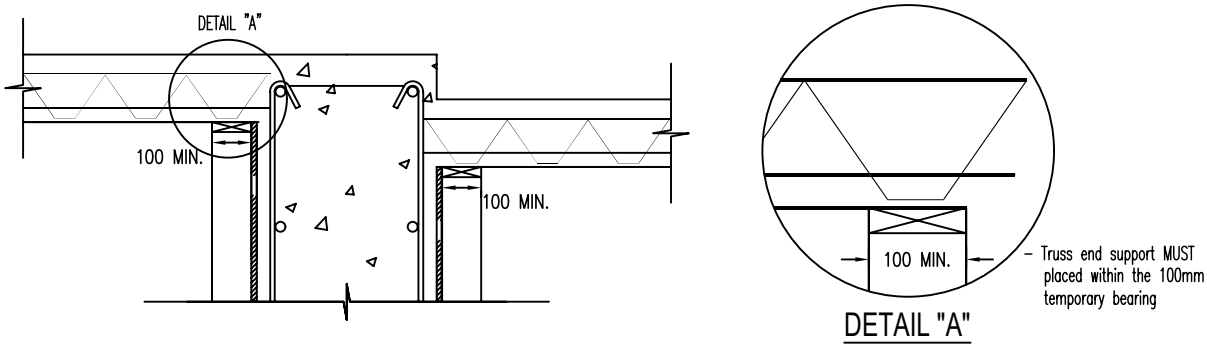


CONTINUOUS SPAN DETAILS 1

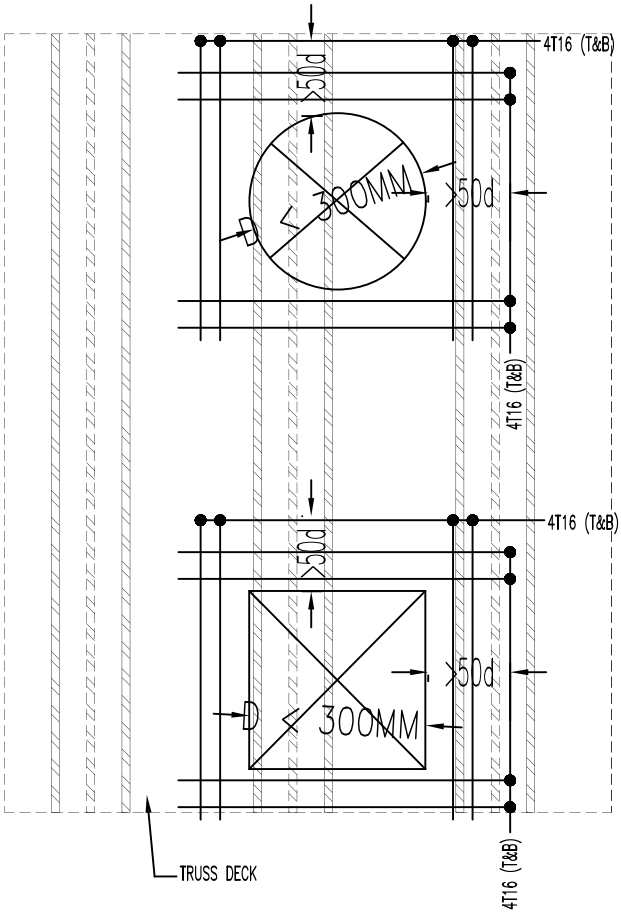


CONTINUOUS SPAN DETAILS 2

FLOOR DROP DETAILS - RC STRUCTURE DETAILS

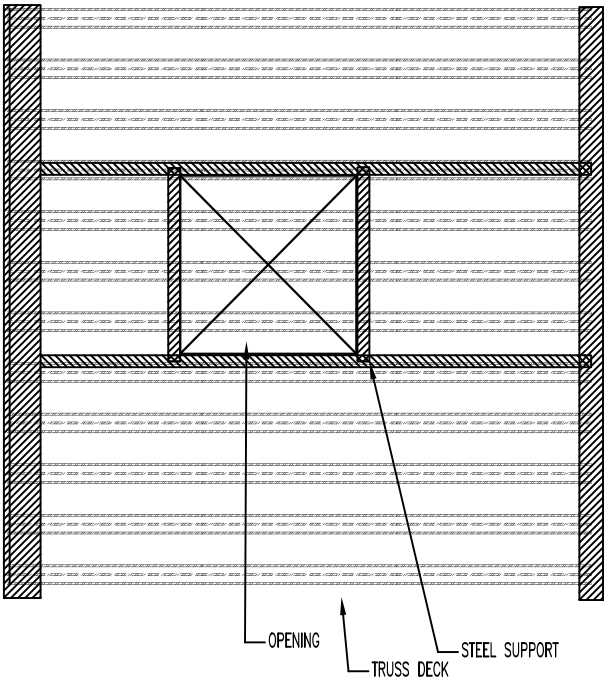


OPENING DETAILS



- Location of openings must be advised and designed by consulting engineer with trimmer bars, boxing out prior to concreting works and cutting out the truss deck after concrete has cured.

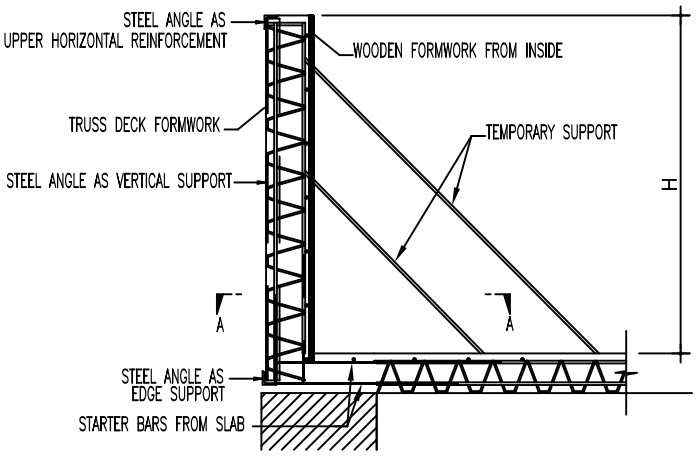
RECOMMENDATION ON UNSUPPORTED OPENING D<300mm



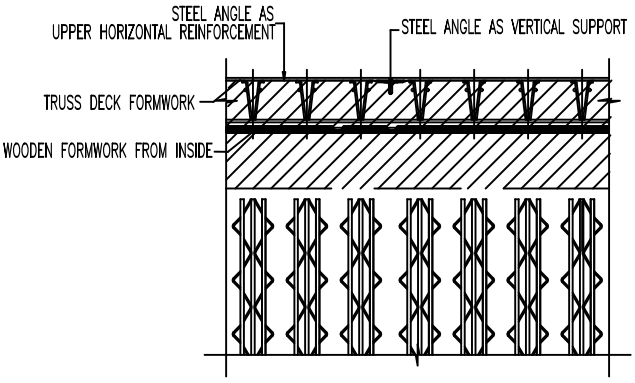
- Area of openings can be boxing out by dense polystyrene block.

RECOMMENDATION ON OPENING SUPPORT

USE TRUSS DECK AS PARAPET FORMWORK

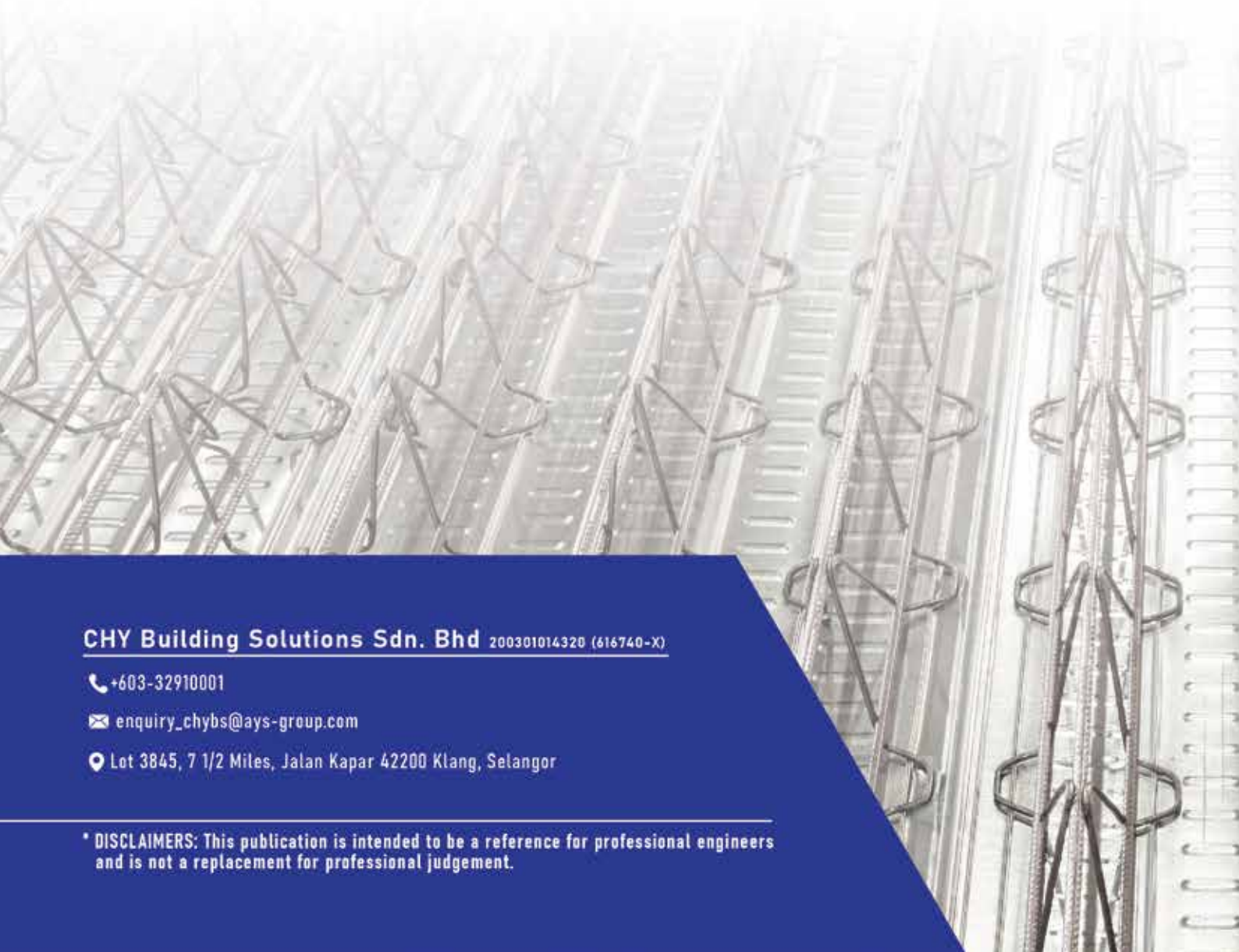


TRUSS DECK AS PARAPET FORMWORK



SECTION A-A

Building Solutions Sdn. Bhd.
200301014320 (616740-X)



CHY Building Solutions Sdn. Bhd 200301014320 (616740-X)

+603-32910001

enquiry_chybs@ays-group.com

Lot 3845, 7 1/2 Miles, Jalan Kapar 42200 Klang, Selangor