

# טבלאות משקופים



## אישור הנדסה עברו נספה E

טבלאות חיזוקי משקופים בנספה E לשימוש בקנדה אושרו ב-30 לאוקטובר, 2015 על ידי Tacoma Engineers לשימוש במחוذ אונטARIO. טבלאות אלה נבחנו גם על פי התקינות הבאות:

- תקינות בניה אלברטה 2014
- תקינות בניה בריטיש קולומביה 2012
- תקינות בניה מניטובה 2014
- תקינות בניה נובה סקוטיה 2014
- תקינות הבניה הארצית כפי שעודכנה על ידי תקינות סטנדרט Uniform Building and Accessibility (2010)

הדרישות הבאות נדרשות במקום בו  $S_a(0.2) \geq 0.67$





הגבלוֹת תכנוֹן  
וטבלאות למשקופים

# טבלאות משקופים



## הגבלות תכנון

1. טבלאות אלו חלות על בנייה מגורים בלבד העומדים בתקנות קוד הבניה הבינלאומיים או מדרכי התכנון המוכרים על ידי דוחות הערצת מוצרים קנדיים עבור אג'יד NUDURA. יש להניח כי הבניה תעמוד בחוקי הבניה המקומיים המתאימים, אשר עשויים לכלול את:
  - חלק 9 בקוד הבניה הלאומי של קנדה – 2010
  - חלק 9 בקוד הבניה הפרובנצייאליים הישנים, שהונפק על בסיס הדרישה לעיל העראה: אם תכנית הבניה המוצעת אינה עומדת בפרמטרי התכנון או הישום המצוים במסמך זה, יש להעסיק מתכנן מקצועני מקומי על מנת להכין תכנון בהתאם לסטנדרטים הישנים.
2. העומסים המקוריים הבאים אינם כוללים בחישובים, והונחו בתכנון טבלאות הבניה בנוסףזה:
  - א) עומס שלג על גג (ח') = 4.0kPa (84 psf)
  - ב) עומס שימוש בקומה מרכזית (ח') = 1.9 kPa (40 psf)
  - ג) עומס גג ורצפה (מת) = 0.7 kPa (15 psf)
  - ד) צפיפות בטון (מת) = 23.6 קילו ניטון\מ<sup>3</sup> (150 פאונד\רגל<sup>3</sup>)
  - ה) צפיפות לבנה (מת) = 20.0 קילו ניטון\מ<sup>3</sup> (128 פאונד\רגל<sup>3</sup>)
3. העומסים המופיעים באופן אחד המצוינים בטבלאות נוספים זה אינם כוללים בחישוב ושוערו בתכנון משקופים בהתאם לעומסים הלא-מחושבים המצוינים בהערה 2.



4. על העומס המפוזר באופן אחיד להיות מחושב על ידי הכפלת עומס רצפה, ח' (LL) ומת (DL), ברוחב רצפה ו/או גג תומכים, רוחב תומך של רצפה/גג נקבע על ידי הוספת חיזוק בכל מחצית אורך כל קורת גג אופקית או שיפועי על משקוף הבטון. לדוגמה, בעבור משקוף התומך בקורת רצפה ומגיע לאורך 3.05 מ ('0 – '10) בקצה אחד בלבד, ישושב עומס מפוזר באופן אחיד (UDL) בצורה הבאה:

$$\text{חישוב מטרי:} \\ \text{UDL} = \text{TW} (\text{LL} + \text{DL}) = 3.965 = 1.9 \text{ kPa} + 0.7 \text{ kPa} \text{ מ}^2 \text{ קילו ניוטון/מ}$$

$$\text{חישוב אימפריאלי:} \\ \text{UDL} = \text{TW} (\text{LL} + \text{DL}) = 275 = 40 \text{ psf} + 15 \text{ psf} \text{ רגלא}^2 \text{ (40 psf + 15 psf)}$$

5. תכוני משקופים בטבלאות בנוסף זה בעלי הגבלת סטיה של 360/ל.
6. התכון מוגבל לקומה אחת מתחת פני האדמה ומקסימום של שתי קומות מעל פני האדמה.
7. טווח גבולות רצפה מקסימלי = 7.32 מ (24 רגל).
8. טווח גבולות תקרה מקסימלי = 12.2 מ (40 רגל).
9. המשקופים מתכוונים לשאת בפיורי עומס קו כבידה אחיד בלבד. יש להעיסיק מתכן מקצוע מקווי על מנת לתכנן את המשקופים כך שיוכלו לעמוד בעומסים רוחביים או נקודתיים, למשל עומסים מרוכזים כגון קורות תמיכה, עמודים ומוטות, בהתאם לסטנדרטים הישימים.
10. חיזוק משקוף מינימלי יכול את הבאים:
  - מוט עליון 10M הממוקם 38 מ"מ ("1A) מהחלהק העליון של המשקוף ומתמשר לאורך מינימלי של 610 מ"מ ("24) מעבר לפתח הקיר בכל קצה.
  - מוטות תחתונים יהיו יסופקו בכמות ובΚוטר המצוינים בטבלאות המשקופים בנוסף זה, ויתקנו עם כיסוי בטון של 38 מ"מ ("A) ויתמשו לאורך מינימלי של 610 מ"מ ("24) מעבר לפתח הקיר בכל קצה.
  - כאשר ישנה דרישת, יותקנו חישוקים מכופפים 10 סביב המוטות העליונים והתחתונים, בהתאם למידים והריווח המצוינים בטבלאות ובציורים הנמצאים בסוף חלק זה.

## טבלאות משקופים

11. מפרטי ברזל משקוף בהערכה 10 מניחים כי חיזוק קיר אופקי רציף M10, נשמר משני צדי פתח הקיר ב-457 מ"מ ("18).o.c.
12. כשאורך קיר בטון בין שני פתחים קטן מ-305 מ"מ ("12), יש לחזק את המשקוף כך לכוסות את שני הפתחים.
13. כשאורך קיר בטון בין שני פתחים הקטן מ-610 מ"מ ("24), והיכן שכל אחד מהפתחים גדול מ-1.53 מ ("0 – '5) באורךו, יש ל做强 את המשקוף כך לכוסות את שני הפתחים.
14. אין להתקין מחברי בנייה בתוך 610 מ"מ ("24) משני צידי כל פתח קיר.
15. אורך חיפוי מוטות מינימלי יעמוד על:  
א) 457 מ"מ ("18) עבור מוטות M10  
ב) 660 מ"מ ("26) עבור מוטות M15  
ג) 762 מ"מ ("30) עבור מוטות M20
16. כسمות בתוך המשקוף אינם יכולים להגיע לכיסוי צד בטון וריווח שהינו 38 מ"מ ("1A) מינימליים, יש לאגד את המוטות. ההערות הבאות חלות על כל המוטות המאוגדים:  
א) ניתן לקבץ לכל היותר ארבעה מוטות חיזוק מקבילים בмагע אחד עם השני, והנחיה היא שהם יפעלו כיחידה אחת. מוטות מאוגדים יהיו קשורים, מחוויטים או לחילופין מהודקים כדי להבטיח שיישארו במקוםם.



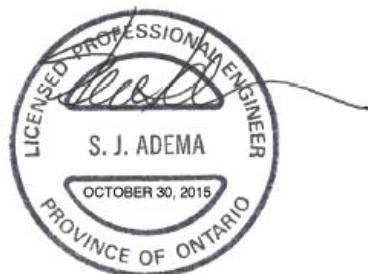
- (ב) מוטות יחידים בתוך אגד נתון של מוטות עשויים להסתיים בטוח אורך משקוף (או מחבר כפיפה), עם זאת, על המוטות להסתיים בנקודות שונות הנמצאות למרחק של לפחות 40 פעמיים קוטר המוט אחד מהשני.
- (ג) בכלל אגד נתון של מוטות העומס מתחת או דחיסה, על אורך החפיפה ואורך התפתחות המוטות בתוך האגד, להיות כמות יחיד I-מוגדל ב-10% עבור אגד 2 מוטות, 20% עבור אגד 3 מוטות, ו-33% עבור אגד 4 מוטות. שוב, כפי שצוין בתת-הערה ב' לעיל, אין לאפשר חפיפה של מוטות בודדים השזורים באגד.

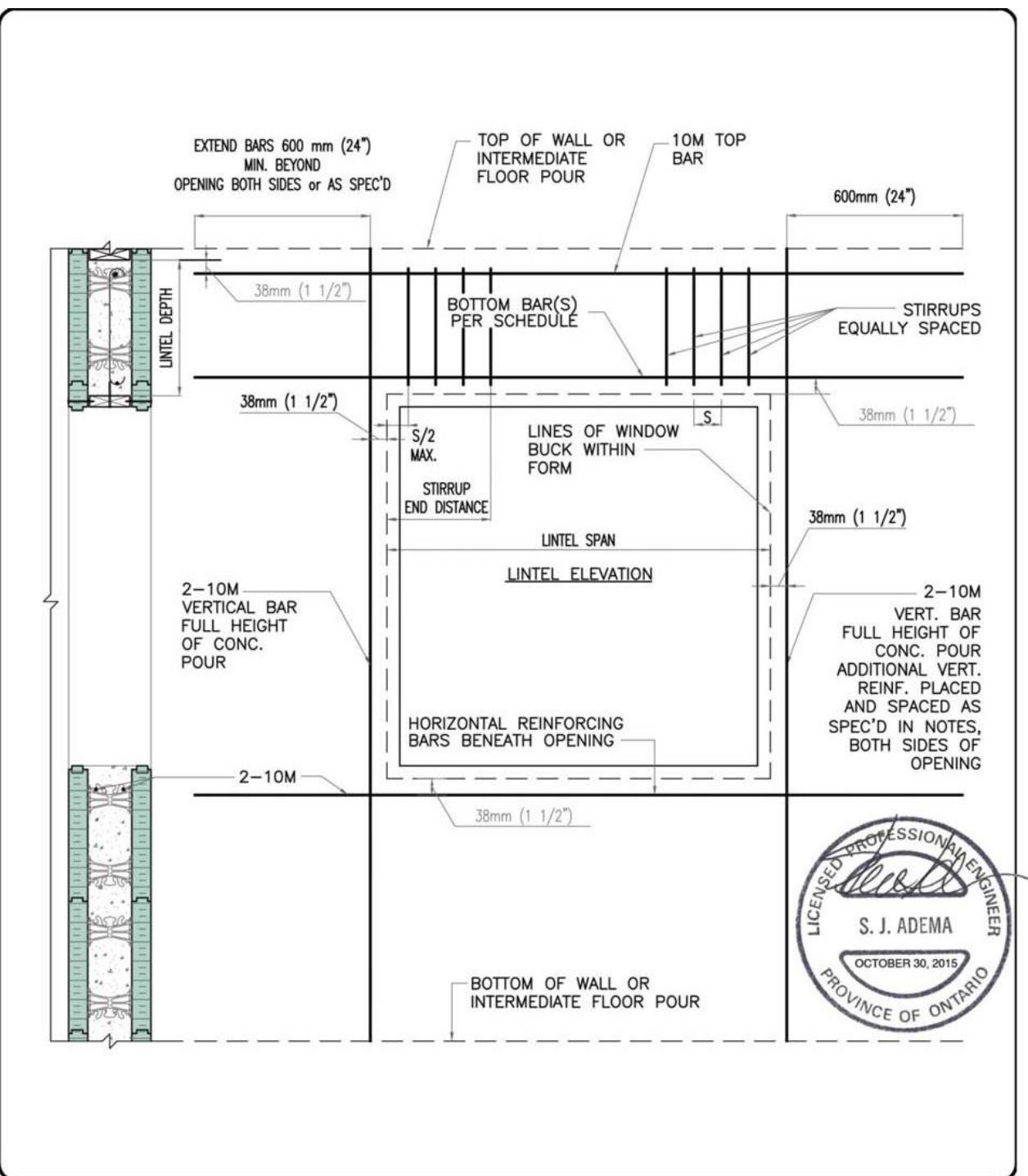
17. על בעובי הבטון להתאים לממדורות האחרונות של התקנים הבאים עבור חומרים ועבודה:  
CAN/CSA—A23.1 /A23.2 /A23.3 •
18. על ברזל החיזוק להיות מעוזן, וימוקם בהתאם לכללי התעשייה ודרישות הסטנדרטים הנהוגות בקנדה ויספקו כמאיץ הדס הבא:  
• קנדה: (400 MPa) Grade 400
19. על התקן להניח שחזקת הדחיסה המינימלי למשך 28 ימים של הבטון שבסימוש בהתקנה יהיה 20 MPa (3,000 psi).
20. על התקן והבנייה של כל העבודה באתר להתאים לממדורות האחרונות של קודי הבניה עבור האזור בו ההתקנה מתבצעת, לרבות תקנות קודים וחוקי עזר מקומיים וכן כל תקנות הבריאות והבטיחות החלות.
21. על הקובלן לדאוג לחלוקת מתאימה של עומס בנייה ולחזוקים זמינים על מנת לשמור על המבנה בצורה אונכית ושרה במהלך כל שלבי הבניה.
22. על החלק העליון של המשקופים להתפרק בצורה רוחבית על ידי מערכות רצפת או גג הבניה, שיתוכנו על ידי אחרים.

## טבלאות משקופים



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23. על הקובלן לבצע רטט בתדר גובה במהלך הנחת כל הבטון.
24. על הקובלן לנקט בצעדים מתאימים על מנת להגן על הבטון מחשיפה לקיפאון ומשקעים במשך שבעה ימים לפחות לאחר מיקום הבטון.
25. אופטימלי' לעשות שימוש בחצץ אפונה בקוטר מקסימלי' של 9.5 מ"מ ("3/8") או בחצץ ארגנט בקוטר מקסימלי' של 9.5 מ"מ ("3/8").
- עבור קירות בטון בעובי 100 מ"מ ("4) ו-150 מ"מ ("6) מותר להשתמש בחצץ ארגנט בקוטר של עד 12.7 מ"מ ("1/2"), ועבור קירות בטון בעובי 200 מ"מ ("8) ו-250 מ"מ ("10) בחצץ ארגנט בקוטר מקסימלי' של 19.1 מ"מ ("3/4").
- תשומת לב מיוחדת יש לתת בביצוע הרטט בעת השמת הבטון לשם הבטחת חלוקת חצץ ארגנט הומוגנית. שימוש בקוטר חצץ ארגנט גדול יותר עשוי לגרום לכיסי אויר וחלים ותערובת בטון גורעה באופן כללי כתוצאה מרטט לקוי.





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INTEGRATED BUILDING TECHNOLOGY

*Building Value.*

LINTEL DIAGRAM

REV. NO. 005 KS	DWG NO. L-1 CAN
REV. DATE: SEPT 2015	
DRAWN BY: T. VAN CLEAF	SCALE: "Not to Scale"

225mm (9") Lintel Depth											
Opening Width	Uniformly Distributed Load										
	7.0 KN/m (480 lb/ft)	10.5 KN/m (715 lb/ft)	14.0 KN/m (955 lb/ft)	17.5 KN/m (1195 lb/ft)	21.0 KN/m (1435 lb/ft)	24.5 KN/m (1675 lb/ft)	28.0 KN/m (1915 lb/ft)	31.5 KN/m (2155 lb/ft)	35.0 KN/m (2395 lb/ft)	Stirrup End Dist. Bottom Reinf. Steel	Stirrup End Dist. Bottom Reinf. Steel
900mm (3'-0")	1-10M 0	1-10M 0	1-10M 0	1-10M 0	1-10M 0	1-10M 0	1-10M 0	1-10M 0	1-10M 0	204 (8")	204 (8")
1200mm (4'-0")	1-10M 0	1-10M 0	1-10M 0	1-10M 0	1-10M 0	1-10M 0	1-10M 0	1-10M 0	1-10M 0	306 (12")	306 (12")
1500mm (5'-0")	1-10M 0	1-10M 0	1-10M 0	1-10M 0	1-10M 0	1-10M 0	1-10M 0	1-10M 0	1-10M 0	408 (16")	408 (16")
1800mm (6'-0")	1-15M 204 (8")	1-15M 204 (8")	1-15M 204 (8")	1-15M 204 (8")	1-15M 204 (8")	1-15M 204 (8")	1-15M 204 (8")	1-15M 204 (8")	1-15M 204 (8")	510 (20")	510 (20")
2400mm (8'-0")	1-20M 510 (20")	1-20M 510 (20")	1-20M 510 (20")	1-20M 510 (20")	1-20M 510 (20")	1-20M 510 (20")	1-20M 510 (20")	1-20M 510 (20")	1-20M 510 (20")		
3000mm (10'-0")											
3600mm (12'-0")											
4200mm (14'-0")											
4800mm (16'-0")											
5400mm (18'-0")											
6000mm (20'-0")											

NOTES:

- This table to be used in conjunction with the general notes and details located at the beginning of this section.
- Stirrup Spacing = 102mm (4")

All Stirrup End Distance measurements above are listed in mm (in)

The following substitutions are permitted:  
 1-10M + 1-15M may be substituted for 1-20M  
 2-10M may be substituted for 1-15M

Table Prepared by:  
**TACOMA**  
 ENGINEERS

Table No. **L 4-9M**

1. This table to be used in conjunction with the general notes and details located at the beginning of this section.  
 2. Stirrup Spacing = 102mm (4")

1. This table to be used in conjunction with the general notes and details located at the beginning of this section.  
 2. Stirrup Spacing = 102mm (4")



300mm (12") Lintel Depth											
Opening Width	Uniformly Distributed Load										
	7.0 KN/m (480 lb/ft)	10.5 KN/m (715 lb/ft)	14.0 KN/m (955 lb/ft)	17.5 KN/m (1195 lb/ft)	21.0 KN/m (1435 lb/ft)	24.5 KN/m (1675 lb/ft)	28.0 KN/m (1915 lb/ft)	31.5 KN/m (2155 lb/ft)	35.0 KN/m (2395 lb/ft)	35.0 KN/m (2395 lb/ft)	
Bottom Rein. Steel	Stirrup End Dist.	Bottom Rein. Steel	Stirrup End Dist.	Bottom Rein. Steel	Stirrup End Dist.	Bottom Rein. Steel	Stirrup End Dist.	Bottom Rein. Steel	Stirrup End Dist.	Bottom Rein. Steel	
900mm (3'-0")	1-10M 0	1-10M 0	1-10M 0	1-10M 304 (12")							
1200mm (4'-0")	1-10M 0	1-10M 0	1-10M 304 (12")	1-10M 456 (18")							
1500mm (5'-0")	1-10M 304 (12")	1-10M 456 (18")	1-10M 608 (24")	1-15M 608 (24")							
1800mm (6'-0")	1-10M 456 (18")	1-10M 608 (24")	1-15M 760 (30")	1-15M 760 (30")	1-15M 760 (30")	1-15M 760 (30")	1-15M 760 (30")	1-15M 760 (30")	1-15M 760 (30")	1-15M 760 (30")	
2400mm (8'-0")	1-15M 760 (30")	1-15M 912 (36")	1-20M 1064 (42")	1-20M 1064 (42")	1-20M 1064 (42")	1-20M 1064 (42")	1-20M 1064 (42")	1-20M 1064 (42")	1-20M 1064 (42")	1-20M 1064 (42")	
3000mm (10'-0")	1-20M 1064 (42")	1-20M 1216 (48")									
3600mm (12'-0")	2-15M 1368 (54")										
4200mm (14'-0")											
4800mm (16'-0")											
5400mm (18'-0")											
6000mm (20'-0")											

NOTES:

- This table to be used in conjunction with the general notes and details located at the beginning of this section.
- Stirrup Spacing = 152mm (6")

All Stirrup End Distance measurements above are listed in mm (in)

The following substitutions are permitted:  
 1. 1-10M + 1-15M may be substituted for 1-20M  
 2. 1-10M may be substituted for 1-15M



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TACOMA  
— ENGINEERS

Table Prepared by:

100mm (4")  
Thick  
300mm (12")  
Deep  
Table No.  
**L 4-12M**

375mm (15") Lintel Depth

NOTES

- JOINTS:** This table to be used in conjunction with the general notes and details located at the beginning of this section.

I Stirrup End Distance measurements above are listed in mm (in)

The following substitutions are permitted:  
10M + 1-15M may be substituted for 1-20M  
2-10M may be substituted for 1-15M



1 4-15M  
Table No.  
100mm (4")  
Thick  
375mm (15")  
Deep

Table Prepared by:  
**COMA** — ENGINEERS

Table Prepared by



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450mm (18") Lintel Depth									
Opening Width	Uniformly Distributed Load								
	7.0 KN/m (480 lb/ft)	10.5 KN/m (715 lb/ft)	14.0 KN/m (955 lb/ft)	17.5 KN/m (1195 lb/ft)	21.0 KN/m (1435 lb/ft)	24.5 KN/m (1675 lb/ft)	28.0 KN/m (1915 lb/ft)	31.5 KN/m (2155 lb/ft)	35.0 KN/m (2395 lb/ft)
Bottom Reinf. Steel	Stirrup End Dist.	Bottom Reinf. Steel	Stirrup End Dist.	Bottom Reinf. Steel	Stirrup End Dist.	Bottom Reinf. Steel	Stirrup End Dist.	Bottom Reinf. Steel	Stirrup End Dist.
900mm (3'-0")	1-10M	0	1-10M	0	1-10M	0	1-10M	0	1-10M
1200mm (4'-0")	1-10M	0	1-10M	0	1-10M	0	1-10M	0	1-10M
1500mm (5'-0")	1-10M	0	1-10M	0	1-10M	508 (20")	1-10M	508 (20")	1-10M
1800mm (6'-0")	1-10M	0	1-10M	508 (20")	1-10M	508 (20")	1-10M	508 (20")	1-10M
2400mm (8'-0")	1-10M	508 (20")	1-15M (30")	762 (30")	1-15M (30")	762 (30")	1-15M (30")	762 (30")	1-15M (30")
3000mm (10'-0")	1-15M (30")	1-15M (40")	1016 (40")	1-20M (40")	1016 (40")	1-20M (40")	1016 (40")	1-20M (40")	1016 (40")
3600mm (12'-0")	1-15M (50")	1-20M (50")	1270 (50")	1-20M (50")	1270 (50")	1-20M (50")	1270 (50")	1-20M (50")	1270 (50")
4200mm (14'-0")	1-20M (60")	1-25M (60")	1524 (60")	1-20M (60")	1524 (60")	1-20M (60")	1524 (60")	1-20M (60")	1524 (60")
4800mm (16'-0")	1-25M (70")	1778 (70")	1778 (70")						
5400mm (18'-0")	1-15M (80")	2032 (80")							
6000mm (20'-0")									

NOTES:

- This table to be used in conjunction with the general notes and details located at the beginning of this section.
- Stirrup Spacing = 254mm (10")

All Stirrup End Distance measurements above are listed in mm (in)

The following substitutions are permitted:  
1-10M + 1-15M may be substituted for 1-20M  
2-10M may be substituted for 1-15M

Table Prepared by:  
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Table No.  
**L 4-18M**

525mm (21") Lintel Depth										
Opening Width	Uniformly Distributed Load									
	7.0 kN/m (480 lb/ft)	10.5 kN/m (715 lb/ft)	14.0 kN/m (955 lb/ft)	17.5 kN/m (1195 lb/ft)	21.0 kN/m (1435 lb/ft)	24.5 kN/m (1675 lb/ft)	28.0 kN/m (1915 lb/ft)	31.5 kN/m (2155 lb/ft)	35.0 kN/m (2395 lb/ft)	
Bottom Reinf. Steel	Stirrup End Dist.	Bottom Reinf. Steel	Stirrup End Dist.	Bottom Reinf. Steel	Stirrup End Dist.	Bottom Reinf. Steel	Stirrup End Dist.	Bottom Reinf. Steel	Stirrup End Dist.	Bottom Reinf. Steel
900mm (3'-0")	1-10M	0	1-10M	0	1-10M	0	1-10M	0	1-10M	0
1200mm (4'-0")	1-10M	0	1-10M	0	1-10M	0	1-10M	0	1-10M	0
1500mm (5'-0")	1-10M	0	1-10M	0	1-10M	0	1-10M	0	1-10M	0
1800mm (6'-0")	1-10M	0	1-10M	0	1-10M	0	1-10M	0	1-10M	0
2400mm (8'-0")	1-10M	0	1-10M	0	1-10M	0	1-10M	0	1-10M	0
3000mm (10'-0")	1-15M (26")	660	1-15M (26")	660	1-10M (26")	660	1-10M (26")	660	1-10M (26")	660
3600mm (12'-0")	1-15M (39")	990	1-15M (39")	990	1-15M (39")	990	1-15M (39")	990	1-20M (39")	990
4200mm (14'-0")	1-20M (52")	1320	1-20M (52")	1320	1-20M (52")	1320	1-20M (52")	1320	1-20M (52")	1320
4800mm (16'-0")	1-20M (65")	1320	1-20M (65")	1320	1-20M (65")	1320	1-20M (65")	1320	1-20M (65")	1320
5400mm (18'-0")	2-15M (78")	1880	2-15M (78")	1880	1-15M (78")	1880	1-10M (78")	1980	1-10M (78")	1980
6000mm (20'-0")	1-15M (91")	2310	1-15M (91")	2310	2-20M (91")	2310	2-20M (91")	2310	2-20M (91")	2310
		2840	2840	2840	2840	2840	2840	2840	2840	2840
		2-20M (104")	2-20M (104")	2-20M (104")	2-20M (104")	2-20M (104")	2-20M (104")	2-20M (104")	2-20M (104")	2-20M (104")

NOTES:  
 1. This table to be used in conjunction with the general notes and details located at the beginning of this section.  
 2. Stirrup Spacing = 330mm (13")

The following substitutions are permitted:  
 1-10M + 1-15M may be substituted for 1-20M  
 2-10M may be substituted for 1-15M

100mm (4")  
 Thick  
 525mm (21")  
 Deep  
 Table No.  
**L 4-21M**

Table Prepared by:  
**TACOMA**  
 ENGINEERS

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Opening Width	Uniformly Distributed Load										35.0 KN/m (2395 lb/ft)			
	7.0 KN/m (480 lb/ft)	10.5 KN/m (715 lb/ft)	14.0 KN/m (955 lb/ft)	17.5 KN/m (1195 lb/ft)	21.0 KN/m (1435 lb/ft)	24.5 KN/m (1675 lb/ft)	Bottom Rein. Steel	Stirrup End Dist.	Bottom Rein. Steel	Stirrup End Dist.	Bottom Rein. Steel	Stirrup End Dist.	Bottom Rein. Steel	Stirrup End Dist.
900mm (3'-0")	1-10M	0	1-10M	0	1-10M	0	1-10M	0	1-10M	0	1-10M	0	1-10M	0
1200mm (4'-0")	1-10M	0	1-10M	0	1-10M	0	1-10M	0	1-10M	0	1-10M	0	1-10M	0
1500mm (5'-0")	1-10M	0	1-10M	0	1-10M	0	1-10M	0	1-10M	0	1-10M	0	1-10M	0
1800mm (6'-0")	1-10M	0	1-10M	0	1-10M	0	1-10M	0	1-10M	0	1-10M	0	1-10M	0
2400mm (8'-0")	1-10M	0	1-15M	760	1-15M	760	1-15M	760	1-15M	760	1-15M	760	1-15M	760
3000mm (10'-0")	1-15M	760	1-15M	760	1-15M	1140	1-15M	1140	1-20M	1140	1-20M	1140	1-20M	1140
3600mm (12'-0")	1-15M	1140	1-15M	1140	1-20M	1520	1-20M	1520	2-15M	1520	2-15M	1520	2-15M	1520
4200mm (14'-0")	1-15M	1140	1-15M	1520	1-20M	1520	1-20M	1520	2-15M	1520	2-15M	1520	2-15M	1520
4800mm (16'-0")	1-20M	1520	1-20M	1900	1-15M	1900	1-15M	1900	2-20M	1900	2-20M	1900	2-20M	1900
5400mm (18'-0")	2-15M	1900	1-15M	2280	2-20M	2280	1-15M	2280	2-20M	2280	1-10M	2280	1-10M	2280
6000mm (20'-0")	1-15M	2280	1-20M	2280	1-15M	2660	1-20M	2660	2-20M	2660	2-20M	2660	2-20M	2660

NOTES:

- This table to be used in conjunction with the general notes and details located at the beginning of this section.
- Stirrup Spacing = 380mm (15")

All Stirrup End Distance measurements above are listed in mm (in)

The following substitutions are permitted:  
 1-10M + 1-15M may be substituted for 1-20M  
 2-10M may be substituted for 1-15M

PROVIDED BY: TACOMA ENGINEERS LTD. S. J. ADENA  
OCTOBER 30, 2015

Table Prepared by: TACOMA ENGINEERS LTD. S. J. ADENA  
OCTOBER 30, 2015

100mm (4")  
Thick  
600mm (24")  
Deep  
Table No.  
**L 4-24M**

225mm (9") Lintel Depth									
Opening Width	Uniformly Distributed Load								
	7.0 kN/m (480 lb/ft)	10.5 kN/m (715 lb/ft)	14.0 kN/m (955 lb/ft)	17.5 kN/m (1195 lb/ft)	21.0 kN/m (1435 lb/ft)	24.5 kN/m (1675 lb/ft)	28.0 kN/m (1915 lb/ft)	31.5 kN/m (2155 lb/ft)	35.0 kN/m (2395 lb/ft)
Bottom Rein. Steel	Stirrup End Dist.	Bottom Rein. Steel	Stirrup End Dist.	Bottom Rein. Steel	Stirrup End Dist.	Bottom Rein. Steel	Stirrup End Dist.	Bottom Rein. Steel	Stirrup End Dist.
900mm (3'-0")	1-10M	0	1-10M	0	1-10M	0	1-10M	0	1-10M
1200mm (4'-0")	1-10M	0	1-10M	0	1-10M	0	1-10M	0	1-10M
1500mm (5'-0")	1-10M	0	1-10M	0	1-15M	204 (8")	1-15M	204 (8")	1-15M
1800mm (6'-0")	1-15M	0	1-15M	204 (8")	1-15M	306 (12")	1-15M	408 (16")	306 (12")
2400mm (8'-0")	1-15M	204 (8")	1-20M	510 (20")	1-20M	510 (20")	1-20M	510 (20")	1-20M
3000mm (10'-0")	2-15M	510 (20")							
3600mm (12'-0")									
4200mm (14'-0")									
4800mm (16'-0")									
5400mm (18'-0")									
6000mm (20'-0")									

NOTES:

1. This table to be used in conjunction with the general notes and details located at the beginning of this section.
2. Stirrup Spacing = 102mm (4")

All Stirrup End Distance measurements above are listed in mm (in)

The following substitutions are permitted:  
 1-10M + 1-15M may be substituted for 1-20M  
 2-10M may be substituted for 1-15M

Table Prepared by:  
**TACOMA**  
 PROFESSIONAL ENGINEERS  
 S. J. ADDEMA  
 OCTOBER 30, 2015  
 PROVINCE OF ONTARIO  
 CANADA

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(20'-0") OTES:

- U.L.C.**  
This table to be used in conjunction with the general notes and details located at the beginning of this section.  
(Stirrup Spacing = 102mm (4")

**Stirrup End Distance measurements  
above are listed in mm (in)**

The following substitutions are permitted:  
+ 1-15M may be substituted for 1-20M  
2-10M may be substituted for 1-15M

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300mm (12") Lintel Depth											
Opening Width	Uniformly Distributed Load										
	7.0 KN/m (480 lb/ft)	10.5 KN/m (715 lb/ft)	14.0 KN/m (955 lb/ft)	17.5 KN/m (1195 lb/ft)	21.0 KN/m (1435 lb/ft)	24.5 KN/m (1675 lb/ft)	28.0 KN/m (1915 lb/ft)	31.5 KN/m (2155 lb/ft)	35.0 KN/m (2395 lb/ft)		
Bottom Reinf. Steel	Bottom Stirrup End Dist.	Bottom Reinf. Steel	Bottom Stirrup End Dist.	Bottom Reinf. Steel	Bottom Stirrup End Dist.	Bottom Reinf. Steel	Bottom Stirrup End Dist.	Bottom Reinf. Steel	Bottom Stirrup End Dist.	Bottom Reinf. Steel	Bottom Stirrup End Dist.
900mm (3'-0")	1-10M	0	1-10M	0	1-10M	0	1-10M	0	1-10M	0	1-10M
1200mm (4'-0")	1-10M	0	1-10M	0	1-10M	304	1-10M	304	1-10M	304	1-10M
1500mm (5'-0")	1-10M	0	1-10M	304	1-10M	456	1-10M	456	1-10M	456	1-10M
1800mm (6'-0")	1-10M	304	1-10M	456	1-15M	608	1-15M	608	1-15M	608	1-20M
2400mm (8'-0")	1-15M	608	1-15M	760	1-20M	912	1-20M	912	1-20M	1064	1-20M
3000mm (10'-0")	1-20M	912	1-20M	1064	1-25M	1216	2-20M	1216	2-25M	1216	2-25M
3600mm (12'-0")	2-15M	1216	1-15M	1368							
4200mm (14'-0")	1-15M	1520	1-20M	1544							
4800mm (16'-0")											
5400mm (18'-0")											
6000mm (20'-0")											

NOTES:

- This table to be used in conjunction with the general notes and details located at the beginning of this section.
- Stirrup Spacing = 152mm (6")

All Stirrup End Distance measurements above are listed in mm (in)

The following substitutions are permitted:  
1-10M + 1-15M may be substituted for 1-20M  
2-10M may be substituted for 1-15M

Table Prepared by: **TACOMA**  
ENGINERS

150mm (6")  
Thick  
300mm (12")  
Deep  
Table No. **L 6-12M**

# טבלאות משקופים

375mm (15") Lintel Depth											
Opening Width	Uniformly Distributed Load										
	7.0 KN/m (480 lb/ft)	10.5 KN/m (715 lb/ft)	14.0 KN/m (955 lb/ft)	17.5 KN/m (1195 lb/ft)	21.0 KN/m (1435 lb/ft)	24.5 KN/m (1675 lb/ft)	28.0 KN/m (1915 lb/ft)	31.5 KN/m (2155 lb/ft)	35.0 KN/m (2395 lb/ft)	Stirrup End Reinf. Steel	Bottom Reinf. Steel
900mm (3'-0")	1-10M	0	1-10M	0	1-10M	0	1-10M	0	1-10M	0	1-10M
1200mm (4'-0")	1-10M	0	1-10M	0	1-10M	0	1-10M	0	1-10M	0	1-10M
1500mm (5'-0")	1-10M	0	1-10M	0	1-10M	406 (16")	1-15M (16")	406 (16")	1-15M (16")	609 (24")	1-15M (24")
1800mm (6'-0")	1-10M	0	1-15M (16")	406 (16")	1-15M (16")	609 (24")	1-15M (24")	609 (24")	1-15M (24")	812 (32")	1-15M (32")
2400mm (8'-0")	1-15M	406 (16")	1-15M (24")	609 (24")	1-15M (24")	812 (32")	1-20M (32")	1-20M (40")	1-20M (40")	1015 (40")	1-15M (40")
3000mm (10'-0")	1-15M	609 (24")	1-20M (40")	1015 (40")	1-20M (40")	1015 (40")	2-15M (48")	1-15M (48")	1-15M (48")	1218 (48")	1-10M (56")
3600mm (12'-0")	1-20M	1015 (40")	1-25M (48")	1218 (48")	1-15M (48")	1421 (56")	2-20M (56")	1-20M (64")	1-20M (64")	1421 (56")	1-10M (56")
4200mm (14'-0")	2-15M	1218 (48")	1-15M (56")	1624 (56")	1-10M (56")	1421 (56")	2-20M (56")	2-20M (64")	2-20M (64")	1421 (56")	1-10M (56")
4800mm (16'-0")	1-15M	1624 (64")	1-10M (64")	1827 (72")	1-10M (64")	1827 (72")					
5400mm (18'-0")	1-10M (64")	1827 (72")									
6000mm (20'-0")	2-20M (64")										

NOTES:

- This table to be used in conjunction with the general notes and details located at the beginning of this section.
- Stirrup Spacing = 203mm (8")

All Stirrup End Distance measurements above are listed in mm (in)

The following substitutions are permitted:  
1-10M + 1-15M may be substituted for 1-20M  
2-10M may be substituted for 1-15M

Table Prepared by:  
**TACOMA**  
 INTEGRATED BUILDING TECHNOLOGY<sup>®</sup>  
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 ENGINEERS

150mm (6")  
 Thick  
 375mm (15")  
 Deep  
 Table No.  
**L 6-15M**

## NOTES:

- This table to be used in conjunction with the general notes and details located at the beginning of this section.
- Stirrup Spacing = 203mm (8")

All Stirrup End Distance measurements  
 above are listed in mm (in)

The following substitutions are permitted:  
 1-10M + 1-15M may be substituted for 1-20M  
 2-10M may be substituted for 1-15M



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Opening Width	450mm (18") Lintel Depth												
	Uniformly Distributed Load						Uniformly Distributed Load						
	7.0 KN/m (480 lb/ft)	10.5 KN/m (715 lb/ft)	14.0 KN/m (955 lb/ft)	17.5 KN/m (1195 lb/ft)	21.0 KN/m (1435 lb/ft)	24.5 KN/m (1675 lb/ft)	28.0 KN/m (1915 lb/ft)	31.5 KN/m (2155 lb/ft)	35.0 KN/m (2395 lb/ft)	Stirrup End Dist. Reinf. Steel	Bottom Reinf. Steel		
Bottom Reinf. Steel	Stirrup End Dist.	Bottom Reinf. Steel	Stirrup End Dist.	Bottom Reinf. Steel	Stirrup End Dist.	Bottom Reinf. Steel	Stirrup End Dist.	Bottom Reinf. Steel	Stirrup End Dist.	Bottom Reinf. Steel	Stirrup End Dist.		
900mm (3'-0")	1-10M	0	1-10M	0	1-10M	0	1-10M	0	1-10M	0	1-10M	0	
1200mm (4'-0")	1-10M	0	1-10M	0	1-10M	0	1-10M	0	1-10M	0	1-10M	0	
1500mm (5'-0")	1-10M	0	1-10M	0	1-10M	0	1-15M (20")	508	1-15M (20")	508	1-15M (20")	508	
1800mm (6'-0")	1-10M	0	1-10M	0	1-15M	0	1-15M (20")	508	1-15M (20")	508	1-15M (30")	508	
2400mm (8'-0")	1-15M	0	1-15M (20")	508	1-15M (30")	762	1-15M (30")	762	1-15M (40")	1016	1-20M (40")	1016	
3000mm (10'-0")	1-15M (20")	1-15M (30")	762	1-20M (40")	1016	1-20M (40")	1270	1-20M (50")	1270	1-20M (50")	1270	1-20M (60")	1270
3600mm (12'-0")	1-15M (30")	762	1-20M (40")	1016	2-15M (50")	1270	1-20M (60")	1524	1-20M (60")	1524	1-20M (60")	1524	1-20M (60")
4200mm (14'-0")	1-20M (50")	1270	1-20M (50")	1270	1-20M (60")	1524	1-20M (60")	1524	1-20M (70")	1778	1-20M (70")	1778	1-20M (70")
4800mm (16'-0")	1-20M (60")	1270	1-20M (60")	1270	1-20M (70")	1524	1-20M (70")	1524	1-20M (80")	1778	1-20M (80")	1778	1-20M (80")
5400mm (18'-0")	1-20M (70")	1778	1-20M (70")	1778	2-20M (80")	2032	2-20M (90")	2286	2-20M (90")	2286	2-20M (90")	2286	2-20M (90")
6000mm (20'-0")	1-10M	2032	1-10M	2032	1-10M	2286	1-10M	2286	1-10M	2286	1-10M	2286	1-10M

## NOTES:

- This table to be used in conjunction with the general notes and details located at the beginning of this section.
- Stirrup Spacing = 254mm (10")

All Stirrup End Distance measurements  
above are listed in mm (in)

The following substitutions are permitted:  
1-10M + 1-15M may be substituted for 1-20M  
2-10M may be substituted for 1-15M



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Table Prepared by:  
**TACOMA**  
— ENGINEERS —

150mm (6")  
Thick  
450mm (18")  
Deep  
Table No.  
**L 6-18M**

LICENSED PROFESSIONAL ENGINEER  
S. J. ADEMA  
OCTOBER 30, 2015  
PROVINCE OF BRITISH COLUMBIA

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# טבלאות משקופים

525mm (21") Lintel Depth											
Opening Width	Uniformly Distributed Load										
	7.0 KN/m (480 lb/ft)	10.5 KN/m (715 lb/ft)	14.0 KN/m (955 lb/ft)	17.5 KN/m (1195 lb/ft)	21.0 KN/m (1435 lb/ft)	24.5 KN/m (1675 lb/ft)	28.0 KN/m (1915 lb/ft)	31.5 KN/m (2155 lb/ft)	35.0 KN/m (2395 lb/ft)	Stirrup End Dist.	Bottom Rein. Steel
Bottom Rein. Steel	Bottom Stirrup End Dist.	Reinf. Steel	Bottom Stirrup End Dist.	Reinf. Steel	Bottom Stirrup End Dist.	Reinf. Steel	Bottom Stirrup End Dist.	Reinf. Steel	Bottom Stirrup End Dist.	Reinf. Steel	Bottom Rein. Steel
900mm (3'-0")	0	1-10M	0	1-10M	0	1-10M	0	1-10M	0	1-10M	0
1200mm (4'-0")	0	1-10M	0	1-10M	0	1-10M	0	1-10M	0	1-10M	0
1500mm (5'-0")	0	1-10M	0	1-10M	0	1-10M	0	1-10M	0	1-10M	0
1800mm (6'-0")	0	1-10M	0	1-10M	0	1-15M	0	1-15M	0	1-15M	0
2400mm (8'-0")	0	1-15M	0	1-15M	660	1-15M	660	1-15M	660	1-15M	660
3000mm (10'-0")	0	1-15M	660	1-15M	990	1-20M	990	1-20M	990	1-20M	990
3600mm (12'-0")	660	1-20M	990	1-20M	1320	2-15M	1320	1-15M	1650	2-20M	1650
4200mm (14'-0")	990	1-25M	1320	2-15M	1650	2-20M	1650	1-10M	1980	3-20M	1980
4800mm (16'-0")	1320	1-15M	1650	2-20M	1980	1-10M	1980	1-10M	1980	1-10M	1980
5400mm (18'-0")	1650	2-20M	1980	2-20M	2310	2-20M	2310	2-20M	2310	2-20M	2310
6000mm (20'-0")	1980	1-10M	2310	1-10M	2310	3-20M	2310	3-20M	2310	3-20M	2310

NOTES:

- This table to be used in conjunction with the general notes and details located at the beginning of this section.
- Stirrup Spacing = 330mm (13")

All Stirrup End Distance measurements above are listed in mm (in)

The following substitutions are permitted:  
1-10M + 1-15M may be substituted for 2-20M  
2-10M may be substituted for 3-20M

LICENSING PROFESSIONAL ENGINEER  
S. J. ADEMA

Table Prepared by:  
**TACOMA**  
E N G I N E E R S

150mm (6")  
Thick  
525mm (21")  
Deep  
Table No.  
**L 6-21M**

600mm (24") Lintel Depth											
Opening Width	Uniformly Distributed Load										
	7.0 KN/m (480 lb/ft)	10.5 KN/m (715 lb/ft)	14.0 KN/m (955 lb/ft)	17.5 KN/m (1195 lb/ft)	21.0 KN/m (1435 lb/ft)	24.5 KN/m (1675 lb/ft)	28.0 KN/m (1915 lb/ft)	31.5 KN/m (2155 lb/ft)	35.0 KN/m (2395 lb/ft)	Bottom Rein. Steel	Stirrup End Dist.
900mm (3'-0")	1-10M 0	1-10M 0	1-10M 0	1-10M 0	1-10M 0	1-10M 0	1-10M 0	1-10M 0	1-10M 0	Bottom Rein. Steel	Stirrup End Dist.
1200mm (4'-0")	1-10M 0	1-10M 0	1-10M 0	1-10M 0	1-10M 0	1-10M 0	1-10M 0	1-10M 0	1-10M 0	Bottom Rein. Steel	Stirrup End Dist.
1500mm (5'-0")	1-10M 0	1-10M 0	1-10M 0	1-10M 0	1-10M 0	1-10M 0	1-10M 0	1-10M 0	1-10M 0	Bottom Rein. Steel	Stirrup End Dist.
1800mm (6'-0")	1-10M 0	1-10M 0	1-10M 0	1-10M 0	1-10M 0	1-10M 0	1-10M 0	1-10M 0	1-10M 0	Bottom Rein. Steel	Stirrup End Dist.
2400mm (8'-0")	1-10M 0	1-15M 0	1-15M 0	1-15M 0	1-15M 0	1-15M 0	1-15M 0	1-15M 0	1-15M 0	Bottom Rein. Steel	Stirrup End Dist.
3000mm (10'-0")	1-15M 0	1-15M (30")	1-15M (30")	1-15M (30")	1-15M (30")	1-15M (30")	1-15M (30")	1-15M (30")	1-15M (30")	Bottom Rein. Steel	Stirrup End Dist.
3600mm (12'-0")	1-15M 0	1-15M (30")	1-15M (30")	1-20M (45")	1-20M (45")	1-20M (45")	1-20M (45")	1-20M (45")	1-20M (45")	Bottom Rein. Steel	Stirrup End Dist.
4200mm (14'-0")	1-15M 0	1-20M (30")	1-20M (45")	1-20M (45")	1-20M (45")	1-20M (45")	1-20M (45")	1-20M (45")	1-20M (45")	Bottom Rein. Steel	Stirrup End Dist.
4800mm (16'-0")	1-20M (45")	2-15M (60")	2-15M (60")	2-15M (60")	2-15M (60")	2-15M (60")	2-15M (60")	2-15M (60")	2-15M (60")	Bottom Rein. Steel	Stirrup End Dist.
5400mm (18'-0")	1-20M (60")	1-15M (60")	1-15M (60")	1-20M (75")	1-20M (75")	1-20M (75")	1-20M (75")	1-20M (75")	1-20M (75")	Bottom Rein. Steel	Stirrup End Dist.
6000mm (20'-0")	1-15M 0	1-20M (75")	1-22M (90")	1-15M (90")	1-22M (90")	1-15M (90")	1-22M (90")	1-15M (90")	1-22M (90")	Bottom Rein. Steel	Stirrup End Dist.

## NOTES:

- This table to be used in conjunction with the general notes and details located at the beginning of this section.
- Stirrup Spacing = 380mm (15")

All Stirrup End Distance measurements  
above are listed in mm (in)

The following substitutions are permitted:  
1-10M + 1-15M may be substituted for 2-10M  
2-10M may be substituted for 1-15M



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Table Prepared by:

TACOMA  
E N G I N E E R S

150mm (6")  
Thick  
600mm (24")  
Deep  
Table No.  
**L 6-24M**

225mm (9") Lintel Depth											
Opening Width	Uniformly Distributed Load										
	7.0 KN/m (480 lb/ft)	10.5 KN/m (715 lb/ft)	14.0 KN/m (955 lb/ft)	17.5 KN/m (1195 lb/ft)	21.0 KN/m (1435 lb/ft)	24.5 KN/m (1675 lb/ft)	28.0 KN/m (1915 lb/ft)	31.5 KN/m (2155 lb/ft)	35.0 KN/m (2395 lb/ft)	Stirrup End Dist.	Bottom Reinf. Steel
Bottom Reinf. Steel	Stirrup End Dist.	Bottom Reinf. Steel	Stirrup End Dist.	Bottom Reinf. Steel	Stirrup End Dist.	Bottom Reinf. Steel	Stirrup End Dist.	Bottom Reinf. Steel	Stirrup End Dist.	Bottom Reinf. Steel	Bottom Reinf. Steel
900mm (3'-0")	1-10M	0	1-10M	0	1-10M	0	1-10M	0	1-15M	0	1-15M
1200mm (4'-0")	1-10M	0	1-10M	0	1-10M	0	1-15M	0	1-15M	0	1-15M
1500mm (5'-0")	1-10M	0	1-15M	0	1-15M	0	1-15M	0	1-15M	0	1-15M
1800mm (6'-0")	1-15M	0	1-15M	0	1-15M	0	204 (8")	204 (8")	204 (8")	204 (8")	204 (8")
2400mm (8'-0")	1-15M	0	1-20M	306 (12")	1-20M	306 (12")	1-20M	408 (16")	306 (12")	1-20M	408 (16")
3000mm (10'-0")	2-15M	204 (8")	1-15M	510 (20")	1-20M	408 (16")	2-15M	510 (20")	2-15M	510 (20")	1-20M
3600mm (12'-0")	2-15M	510 (20")									
4200mm (14'-0")											
4800mm (16'-0")											
5400mm (18'-0")											
6000mm (20'-0")											

NOTES:

- This table to be used in conjunction with the general notes and details located at the beginning of this section.
- Stirrup Spacing = 102mm (4")

All Stirrup End Distance measurements above are listed in mm (in)

The following substitutions are permitted:  
1-10M + 1-15M may be substituted for 1-20M  
2-10M may be substituted for 1-15M



NUDURA®  
INTEGRATED BUILDING TECHNOLOGY™  
*Building Value.*

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Table Prepared by:

200mm (8")  
Thick  
225mm (9")  
Deep  
Table No.  
L 8-9M

300mm (12") Lintel Depth									
Opening Width	Uniformly Distributed Load								
	7.0 kN/m (480 lb/ft)	10.5 kN/m (715 lb/ft)	14.0 kN/m (955 lb/ft)	17.5 kN/m (1195 lb/ft)	21.0 kN/m (1435 lb/ft)	24.5 kN/m (1675 lb/ft)	28.0 kN/m (1915 lb/ft)	31.5 kN/m (2155 lb/ft)	35.0 kN/m (2395 lb/ft)
Bottom Reinf. Steel	Stirrup End Dist.	Bottom Reinf. Steel	Stirrup End Dist.	Bottom Reinf. Steel	Stirrup End Dist.	Bottom Reinf. Steel	Stirrup End Dist.	Bottom Reinf. Steel	Stirrup End Dist.
900mm (3'-0")	1-10M	0	1-10M	0	1-10M	0	1-10M	0	1-10M
1200mm (4'-0")	1-10M	0	1-10M	0	1-10M	0	1-15M	304 (12")	1-15M (12")
1500mm (5'-0")	1-10M	0	1-10M	0	1-15M (12")	304 (12")	1-15M (18")	456 (18")	1-15M (18")
1800mm (6'-0")	1-10M	0	1-15M (12")	304 (18")	1-15M (18")	456 (18")	1-15M (24")	608 (24")	1-15M (24")
2400mm (8'-0")	1-15M (12")	304 (15M)	1-15M (24")	456 (18")	1-15M (18")	608 (24")	1-20M (24")	760 (30")	1-20M (30")
3000mm (10'-0")	1-20M (24")	608 (15M)	1-20M (30")	760 (20M)	1-20M (30")	912 (21M)	1-15M (36")	912 (36")	1-20M (42")
3600mm (12'-0")	2-15M (36")	912 (20M)	912 (36")	1064 (21M)	1-15M (42")	1064 (22M)	1-10M (42")	1216 (48")	1-10M (48")
4200mm (14'-0")	2-15M (48")	1216 (20M)	1216 (48")	1368 (22M)	1-15M (54")	1368 (54")	1-15M (54")	1368 (54")	1-15M (54")
4800mm (16'-0")	2-20M (60")	1520 (20M)	1520 (60")	1520 (20M)	1520 (60")	1520 (20M)	1520 (60")	1520 (60")	1520 (60")
5400mm (18'-0")	2-20M (60")	1520 (20M)	1520 (60")	1520 (20M)	1520 (60")	1520 (20M)	1520 (60")	1520 (60")	1520 (60")
6000mm (20'-0")									

NOTES:

- This table to be used in conjunction with the general notes and details located at the beginning of this section.
- Stirrup Spacing = 152mm (6")

All Stirrup End Distance measurements above are listed in mm (in)

The following substitutions are permitted:  
1-10M + 1-15M may be substituted for 1-20M  
2-10M may be substituted for 1-15M

Table Prepared by:  
**TACOMA**  
ENGINEERS  
PROVINCE OF  
ONTARIO  
S. J. ADEMA  
OCTOBER 30, 2015

Table No.  
**L 8-12M**



450mm (18") Lintel Depth											
Opening Width	Uniformly Distributed Load										
	7.0 kN/m (480 lb/ft)	10.5 kN/m (715 lb/ft)	14.0 kN/m (955 lb/ft)	17.5 kN/m (1195 lb/ft)	21.0 kN/m (1435 lb/ft)	24.5 kN/m (1675 lb/ft)	28.0 kN/m (1915 lb/ft)	31.5 kN/m (2155 lb/ft)	35.0 kN/m (2395 lb/ft)	Bottom Reinf. Steel	Stirrup End Dist.
900mm (3'-0")	1-10M	0	1-10M	0	1-10M	0	1-10M	0	1-10M	0	1-10M
1200mm (4'-0")	1-10M	0	1-10M	0	1-10M	0	1-10M	0	1-10M	0	1-10M
1500mm (5'-0")	1-10M	0	1-10M	0	1-10M	0	1-15M	0	1-15M	0	1-15M
1800mm (6'-0")	1-10M	0	1-10M	0	1-15M	0	1-15M	0	1-15M	0	1-15M
2400mm (8'-0")	1-15M	0	1-15M	0	1-15M	508	1-15M	508	1-15M	508	1-15M
3000mm (10'-0")	1-15M	0	1-15M	508	1-20M	762	1-20M	762	1-20M	762	1-20M
3600mm (12'-0")	1-15M	508	1-20M	762	1-20M	1016	2-15M	1016	1-15M	1270	1-15M
4200mm (14'-0")	1-20M	762	2-15M	1270	1-20M	1270	1-20M	1270	1-20M	1270	1-20M
4800mm (16'-0")	2-15M	1270	1-15M	1524	1-20M	1524	1-20M	1524	1-20M	1524	1-20M
5400mm (18'-0")	1-15M	1524	1-10M	1778	1-15M	1778	1-10M	2032	1-10M	1778	1-10M
6000mm (20'-0")	1-10M	1778	3-20M	2032	2-20M	2032	3-20M	2032	3-20M	2032	3-20M

NOTES:

- This table to be used in conjunction with the general notes and details located at the beginning of this section.
- Stirrup Spacing = 254mm (10")

All Stirrup End Distance measurements above are listed in mm (in)

The following substitutions are permitted:  
1-10M + 1-15M may be substituted for 1-20M  
2-10M may be substituted for 1-15M

Table Prepared by: **TACOMA**  
INTEGRATED BUILDING TECHNOLOGY™  
*Building Value.*

Table No. **L 8-18M**

525mm (21") Lintel Depth											
Opening Width	Uniformly Distributed Load										
	7.0 KN/m (480 lb/ft)	10.5 KN/m (715 lb/ft)	14.0 KN/m (955 lb/ft)	17.5 KN/m (1195 lb/ft)	21.0 KN/m (1435 lb/ft)	24.5 KN/m (1675 lb/ft)	28.0 KN/m (1915 lb/ft)	31.5 KN/m (2155 lb/ft)	35.0 KN/m (2395 lb/ft)	Bottom Reinf. Steel	Stirrup End Dist.
900mm (3'-0")	0	1-10M	0	1-10M	0	1-10M	0	1-10M	0	1-10M	0
1200mm (4'-0")	0	1-10M	0	1-10M	0	1-10M	0	1-10M	0	1-10M	0
1500mm (5'-0")	0	1-10M	0	1-10M	0	1-10M	0	1-10M	0	1-10M	0
1800mm (6'-0")	0	1-10M	0	1-10M	0	1-15M	0	1-15M	0	1-15M	0
2400mm (8'-0")	0	1-15M	0	1-15M	0	1-15M	0	1-15M	0	1-15M	0
3000mm (10'-0")	0	1-15M	0	1-20M	660 (26")	1-20M	660 (26")	1-20M	660 (26")	1-20M	660 (26")
3600mm (12'-0")	0	1-20M	660 (26")	1-20M	990 (39")	1-20M	990 (39")	1-20M	990 (39")	1-20M	990 (39")
4200mm (14'-0")	660 (26")	2-15M (39")	2-15M (52")	1-15M (52")	1320 (65")	1-15M (52")	1320 (65")	1-15M (52")	1320 (65")	1-15M (52")	1320 (65")
4800mm (16'-0")	990 (39")	1-15M (52")	1-20M (65")	1-10M (65")	1650 (78")	1-15M (52")	1650 (78")	1-15M (52")	1650 (78")	1-15M (52")	1650 (78")
5400mm (18'-0")	1320 (52")	2-20M (65")	1-10M (65")	1-10M (65")	1980 (78")	3-20M (78")	1980 (78")	3-20M (78")	1980 (78")	3-20M (78")	1980 (78")
6000mm (20'-0")	1650 (65")	1-10M (65")	1-10M (65")	2-20M (78")	2310 (91")	3-20M (78")	2310 (91")	3-20M (78")	2310 (91")	S. J. ADEMA	

NOTES:  
 1. This table to be used in conjunction with the general notes and details located at the beginning of this section.  
 2. Stirrup Spacing = 330mm (13")

The following substitutions are permitted:  
 1. 1-10M may be substituted for 1-15M  
 2-10M may be substituted for 1-15M

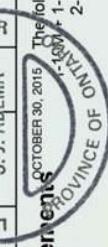


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Table Prepared by:  
**TACOMA**  
E N G I N E E R S  
200mm (8")  
Thick  
525mm (21")  
Deep  
Table No.  
**L 8-21M**

Table Prepared by:

**TACOMA**  
E N G I N E E R S



All Stirrup End Distance measurements above are listed in mm (in)  
 OCTOBER 30, 2015  
 PROFESSIONAL ENGINEERS  
 LICENSE BOARD  
 PROVINCE OF ONTARIO

Opening Width	600mm (24") Lintel Depth									
	Uniformly Distributed Load					Stirrup End Dist.				
7.0 KN/m (480 lb/ft)	10.5 KN/m (715 lb/ft)	14.0 KN/m (955 lb/ft)	17.5 KN/m (1195 lb/ft)	21.0 KN/m (1435 lb/ft)	24.5 KN/m (1675 lb/ft)	28.0 KN/m (1915 lb/ft)	31.5 KN/m (2155 lb/ft)	35.0 KN/m (2395 lb/ft)	35.0 KN/m (2395 lb/ft)	35.0 KN/m (2395 lb/ft)
Bottom Reinf. Steel	Stirrup End Dist.	Bottom Reinf. Steel	Stirrup End Dist.	Bottom Reinf. Steel	Stirrup End Dist.	Bottom Reinf. Steel	Stirrup End Dist.	Bottom Reinf. Steel	Stirrup End Dist.	Bottom Reinf. Steel
900mm (3'-0")	1-10M	0	1-10M	0	1-10M	0	1-10M	0	1-10M	0
1200mm (4'-0")	1-10M	0	1-10M	0	1-10M	0	1-10M	0	1-10M	0
1500mm (5'-0")	1-10M	0	1-10M	0	1-10M	0	1-10M	0	1-10M	0
1800mm (6'-0")	1-10M	0	1-10M	0	1-10M	0	1-15M	0	1-15M	0
2400mm (8'-0")	1-10M	0	1-15M	0	1-15M	0	1-15M	0	1-15M	0
3000mm (10'-0")	1-15M	0	1-15M	0	1-20M	0	1-20M	760 (30")	1-20M	760 (30")
3600mm (12'-0")	1-20M	0	1-20M	760 (30")						
4200mm (14'-0")	1-20M	0	1-20M	1140 (45")	1-20M	1140 (45")	2-15M	1140 (45")	2-15M	1140 (45")
4800mm (16'-0")	1-20M	760 (30")	2-15M (45")	1-20M (45")						
5400mm (18'-0")	1140 (45")	1-15M (60")	1520 (60")	1-15M (60")	1520 (60")	1-10M (60")	1900 (75")	1-15M (60")	1900 (75")	1-15M (60")
6000mm (20'-0")	1-15M (60")	1520 (60")	2-20M (75")	2-20M (75")	1900 (75")	1-10M (90")	2280 (90")	1-10M (90")	2280 (90")	1-10M (90")

## NOTES:

- This table to be used in conjunction with the general notes and details located at the beginning of this section.
- Stirrup Spacing = 380mm (15")

All Stirrup End Distance measurements  
above are listed in mm (in)

The following substitutions are permitted:  
1-10M + 1-15M may be substituted for 1-20M  
2-10M may be substituted for 1-15M  
PROFESSIONAL ENGINEERS  
LICENSED IN THE STATE OF CALIFORNIA  
S.J. ADEMA



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TACOMA  
E N G I N E E R S

200mm (8")  
Thick  
600mm (24")  
Deep  
Table No.  
L 8-24M

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225mm (9") Lintel Depth											
Opening Width	Uniformly Distributed Load										
	7.0 KN/m (480 lb/ft)	10.5 KN/m (715 lb/ft)	14.0 KN/m (955 lb/ft)	17.5 KN/m (1195 lb/ft)	21.0 KN/m (1435 lb/ft)	24.5 KN/m (1675 lb/ft)	28.0 KN/m (1915 lb/ft)	31.5 KN/m (2155 lb/ft)	35.0 KN/m (2395 lb/ft)	Stirrup End Dist.	Bottom Reinf. Steel
900mm (3'-0")	1-10M 0	1-10M 0	1-10M 0	1-10M 0	1-10M 0	1-10M 0	1-10M 0	1-10M 0	1-10M 0	1-15M 0	1-15M 0
1200mm (4'-0")	1-10M 0	1-10M 0	1-15M 0	1-15M 0	1-15M 0	1-15M 0	1-15M 0	1-15M 0	1-15M 0	1-15M 0	1-15M 0
1500mm (5'-0")	1-10M 0	1-15M 0	1-15M 0	1-15M 0	1-15M 0	1-15M 0	1-20M 0	204 1-20M	204 1-20M	306 1-20M	306 1-20M
1800mm (6'-0")	1-15M 0	1-15M 0	1-15M 0	1-20M 0	1-20M 0	1-20M 0	1-20M 0	306 1-20M	306 1-20M	408 1-20M	408 1-20M
2400mm (8'-0")	1-15M 0	1-20M 0	2-15M 0	306 1-15M (12")	306 1-15M (12")	408 1-20M (16")	2-20M (12")	2-15M (12")	2-15M (12")	510 1-20M	510 1-20M
3000mm (10'-0")	2-15M 0	1-15M 0	306 1-20M (12")	1-10M 2-20M (24")	612 1-20M (12")	408 1-20M (16")	2-20M (24")	612 2-20M (24")	612 2-20M (24")	612 2-20M (24")	612 2-20M (24")
3600mm (12'-0")	1-15M 1-20M (8")	204 (12")									
4200mm (14'-0")											
4800mm (16'-0")											
5400mm (18'-0")											
6000mm (20'-0")											

NOTES:

- This table to be used in conjunction with the general notes and details located at the beginning of this section.
- Stirrup Spacing = 102mm (4")

All Stirrup End Distance measurements above are listed in mm (in)

The following substitutions are permitted:  
 1-10M + 1-15M may be substituted for 1-20M  
 2-10M may be substituted for 1-15M

Table Prepared by:  
**TACOMA**  
 ENGINEERS

250mm (10")  
 Thick  
 225mm (9")  
 Deep  
 Table No.  
**L 10-9M**

1. This table to be used in conjunction with the general notes and details located at the beginning of this section.  
 2. Stirrup Spacing = 102mm (4")

LICENSING PROFESSIONAL ENGINEER  
 S.J. ABEMA  
 OCTOBER 30, 2014  
 PROVINCE OF ONTARIO  
 CANADA

1. This table to be used in conjunction with the general notes and details located at the beginning of this section.  
 2. Stirrup Spacing = 102mm (4")

1. This table to be used in conjunction with the general notes and details located at the beginning of this section.  
 2. Stirrup Spacing = 102mm (4")



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**300mm (12") Lintel Depth**

Opening Width	Uniformly Distributed Load											
	7.0 KN/m (480 lb/ft)	10.5 KN/m (715 lb/ft)	14.0 KN/m (955 lb/ft)	17.5 KN/m (1195 lb/ft)	21.0 KN/m (1435 lb/ft)	24.5 KN/m (1675 lb/ft)	28.0 KN/m (1915 lb/ft)	31.5 KN/m (2155 lb/ft)	35.0 KN/m (2395 lb/ft)	Stirrup End Dist.	Bottom Reinf. Steel	
Bottom Reinf. Steel	Bottom Reinf. Steel	Bottom Reinf. Steel	Bottom Reinf. Steel	Bottom Reinf. Steel	Bottom Reinf. Steel	Bottom Reinf. Steel	Bottom Reinf. Steel	Bottom Reinf. Steel	Bottom Reinf. Steel	Bottom Reinf. Steel	Bottom Reinf. Steel	
Reinf. Steel Dist.	Reinf. Steel Dist.	Reinf. Steel Dist.	Reinf. Steel Dist.	Reinf. Steel Dist.	Reinf. Steel Dist.	Reinf. Steel Dist.	Reinf. Steel Dist.	Reinf. Steel Dist.	Reinf. Steel Dist.	Reinf. Steel Dist.	Reinf. Steel Dist.	
900mm (3'-0")	1-10M 0	1-10M 0	1-10M 0	1-10M 0	1-10M 0	1-10M 0	1-10M 0	1-10M 0	1-10M 0	1-10M 0	1-10M 0	
1200mm (4'-0")	1-10M 0	1-10M 0	1-10M 0	1-10M 0	1-10M 0	1-10M 0	1-10M 0	1-10M 0	1-10M 0	1-10M 0	1-10M 0	
1500mm (5'-0")	1-10M 0	1-10M 0	1-15M 0	1-15M 0	304 (12")	304 (12")	304 (12")	304 (12")	304 (12")	304 (12")	304 (12")	
1800mm (6'-0")	1-15M 0	1-15M 0	1-15M 0	1-15M 0	304 (12")	456 (18")	456 (18")	456 (18")	456 (18")	456 (18")	456 (18")	
2400mm (8'-0")	1-15M 0	1-15M 0	456 (18")	1-20M (24")	608 (30")	760 (30")	760 (30")	760 (30")	760 (30")	912 (36")	912 (36")	
3000mm (10'-0")	1-20M 0	456 (18")	1-20M (30")	760 (30")	912 (36")	1064 (42")	1064 (42")	1064 (42")	1064 (42")	1216 (48")	1216 (48")	
3600mm (12'-0")	2-15M 0	760 (30")	1-15M 0	1-20M (42")	1216 (48")	1216 (48")	1216 (48")	1216 (48")	1216 (48")	1216 (48")	1216 (48")	
4200mm (14'-0")	1-15M 0	1064 (42")	1-10M 0	1-20M (42")	1368 (54")	1368 (54")	1368 (54")	1368 (54")	1368 (54")	1368 (54")	1368 (54")	
4800mm (16'-0")	1-10M 0	1368 (54")	1-10M 0	2-20M (54")	1520 (60")	1520 (60")	1520 (60")	1520 (60")	1520 (60")	1520 (60")	1520 (60")	
5400mm (18'-0")												
6000mm (20'-0")												

## NOTES:

- This table to be used in conjunction with the general notes and details located at the beginning of this section.
- Stirrup Spacing = 152mm (6")

All Stirrup End Distance measurements  
above are listed in mm (in)

The following substitutions are permitted:  
1-10M + 1-15M may be substituted for 1-20M  
2-10M may be substituted for 1-15M



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250mm (10")  
Thick  
300mm (12")  
Deep  
Table No.  
**L 10-12M**

Table Prepared by:  
**TACOMA**  
ENGINEERS

PROFESSIONAL ENGINEER  
S. J. ADEMA  
OCTOBER 30, 2015  
PROVINCE OF ONTARIO

Opening Width	Uniformly Distributed Load												31.5 KN/m (2155 lb/ft)		35.0 KN/m (2395 lb/ft)	
	7.0 KN/m (480 lb/ft)	10.5 KN/m (715 lb/ft)	14.0 KN/m (955 lb/ft)	17.5 KN/m (1195 lb/ft)	21.0 KN/m (1435 lb/ft)	24.5 KN/m (1675 lb/ft)	28.0 KN/m (1915 lb/ft)	Stirrup End Dist.	Bottom Reinf. Steel	Stirrup End Dist.	Bottom Reinf. Steel	Stirrup End Dist.	Bottom Reinf. Steel	Stirrup End Dist.	Bottom Reinf. Steel	
900mm (3'-0")	1-10M	0	1-10M	0	1-10M	0	1-10M	0	1-10M	0	1-10M	0	1-10M	0	1-10M	0
1200mm (4'-0")	1-10M	0	1-10M	0	1-10M	0	1-10M	0	1-10M	0	1-10M	0	1-10M	0	1-10M	0
1500mm (5'-0")	1-10M	0	1-10M	0	1-10M	0	1-15M	0	1-15M	0	1-15M	0	1-15M	0	1-15M	0
1800mm (6'-0")	1-10M	0	1-15M	0	1-15M	0	1-15M	0	1-15M	0	1-15M	0	1-15M	0	1-15M	0
2400mm (8'-0")	1-15M	0	1-15M	0	1-15M	0	406	406	406	406	406	406	406	406	406	406
3000mm (10'-0")	1-15M	0	1-20M	609 (24")	1-20M	812 (32")	2-15M	812 (32")	1-20M	609 (24")	1-20M	609 (24")	2-15M	812 (32")	2-15M	812 (32")
3600mm (12'-0")	1-20M	406 (16")	2-15M	812 (32")	1-15M	1015	2-20M	812 (32")	1-20M	1015	1-15M	1015	2-20M	1218 (48")	2-20M	1218 (48")
4200mm (14'-0")	2-15M	812 (32")	1-15M	1218 (48")	2-20M	1421	1-15M	1421	2-20M	1218 (48")	1-15M	1421	2-20M	1218 (48")	2-20M	1218 (48")
4800mm (16'-0")	1-15M	1015 (40")	1-10M	1421	3-20M	1624	3-20M	1624	3-20M	1624 (64")	3-20M	1624 (64")	3-20M	1624 (64")	3-20M	1624 (64")
5400mm (18'-0")	1-10M	1421	2-20M	1827 (56")	3-20M	1827 (72")										
6000mm (20'-0")																

NOTES:

- This table to be used in conjunction with the general notes and details located at the beginning of this section.
- Stirrup Spacing = 203mm (8")

All Stirrup End Distance measurements  
above are listed in mm (in)

The following substitutions are permitted:  
1-10M + 1-15M may be substituted for 1-20M  
2-10M may be substituted for 1-15M



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E N G I N E E R S

Table No.  
L 10-15M

Opening Width	Uniformly Distributed Load											
	7.0 KN/m (480 lb/ft)	10.5 KN/m (715 lb/ft)	14.0 KN/m (955 lb/ft)	17.5 KN/m (1195 lb/ft)	21.0 KN/m (1435 lb/ft)	24.5 KN/m (1675 lb/ft)	28.0 KN/m (1915 lb/ft)	31.5 KN/m (2155 lb/ft)	35.0 KN/m (2395 lb/ft)	35.0 KN/m (2395 lb/ft)	35.0 KN/m (2395 lb/ft)	35.0 KN/m (2395 lb/ft)
Bottom Reinf. Steel	Stirrup End Dist.	Bottom Reinf. Steel	Stirrup End Dist.	Bottom Reinf. Steel	Stirrup End Dist.	Bottom Reinf. Steel	Stirrup End Dist.	Bottom Reinf. Steel	Stirrup End Dist.	Bottom Reinf. Steel	Stirrup End Dist.	Bottom Reinf. Steel
900mm (3'-0")	1-10M	0	1-10M	0	1-10M	0	1-10M	0	1-10M	0	1-10M	0
1200mm (4'-0")	1-10M	0	1-10M	0	1-10M	0	1-10M	0	1-10M	0	1-10M	0
1500mm (5'-0")	1-10M	0	1-10M	0	1-10M	0	1-15M	0	1-15M	0	1-15M	0
1800mm (6'-0")	1-10M	0	1-10M	0	1-15M	0	1-15M	0	1-15M	0	1-15M	0
2400mm (8'-0")	1-15M	0	1-15M	0	1-15M	0	1-15M	(20")	1-20M	508	1-20M	762
3000mm (10'-0")	1-15M	0	1-20M	0	1-20M	(20")	1-20M	(20")	1-20M	(30")	1-20M	(30")
3600mm (12'-0")	1-20M	0	1-20M	(30")	762	2-15M	762	2-15M	1016	1-15M	1016	1-15M
4200mm (14'-0")	1-20M	508	1-20M	(20")	1016	1-15M	1016	1-15M	1270	1-10M	1270	1-10M
4800mm (16'-0")	2-15M	762	1-15M	1270	1-10M	1524	1-15M	1524	1-20M	1-20M	1-20M	1-20M
5400mm (18'-0")	1-15M	1270	1-10M	1524	1-15M	1778	1-10M	1778	1-20M	1-20M	1-20M	1-20M
6000mm (20'-0")	1-10M	1524	3-20M	1778	3-20M	(70")	3-20M	(70")	3-20M	(70")	3-20M	(70")

**NOTES:**

1. This table to be used in conjunction with the general notes and details located at the beginning of this section.
2. Stirrup Spacing = 254mm (10")

**All Stirrup End Distance measurements above are listed in mm (in)**

The following substitutions are permitted:  
 1-10M + 1-15M may be substituted for 1-20M  
 2-10M may be substituted for 1-15M

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LICENSING NO. 1524  
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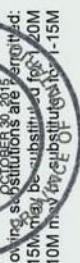
Table Prepared by:  
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Table No. **L 10-18M**

525mm (21") Lintel Depth											
Opening Width	Uniformly Distributed Load										
	7.0 kN/m (480 lb/ft)	10.5 kN/m (715 lb/ft)	14.0 kN/m (955 lb/ft)	17.5 kN/m (1195 lb/ft)	21.0 kN/m (1435 lb/ft)	24.5 kN/m (1675 lb/ft)	28.0 kN/m (1915 lb/ft)	31.5 kN/m (2155 lb/ft)	35.0 kN/m (2395 lb/ft)	Stirrup End Dist.	Bottom Reinf. Steel
900mm (3'-0")	1-10M	0	1-10M	0	1-10M	0	1-10M	0	1-10M	0	1-10M
1200mm (4'-0")	1-10M	0	1-10M	0	1-10M	0	1-10M	0	1-10M	0	1-10M
1500mm (5'-0")	1-10M	0	1-10M	0	1-10M	0	1-10M	0	1-10M	0	1-10M
1800mm (6'-0")	1-10M	0	1-10M	0	1-10M	0	1-15M	0	1-15M	0	1-15M
2400mm (8'-0")	1-15M	0	1-15M	0	1-15M	0	1-20M	0	1-20M	0	1-20M
3000mm (10'-0")	1-15M	0	1-20M	0	1-20M	0	1-20M	0	1-20M	0	1-20M
3600mm (12'-0")	1-20M	0	1-20M	0	1-20M	660	1-20M	660	1-20M	990	1-20M
4200mm (14'-0")	1-20M	0	2-15M	660	2-15M	990	2-15M	990	2-15M	990	2-15M
4800mm (16'-0")	2-15M	660	1-15M	990	1-15M	1320	1-15M	1320	1-15M	1320	1-15M
5400mm (18'-0")	1-15M	990	2-20M	990	1-20M	1320	1-20M	1320	1-20M	1650	1-20M
6000mm (20'-0")	2-20M	990	2-20M	1320	1-10M	1650	1-15M	1650	1-10M	1650	1-10M

- NOTES:
- This table to be used in conjunction with the general notes and details located at the beginning of this section.
  - Stirrup Spacing = 330mm (13")

All Stirrup End Distance measurements  
above are listed in mm (in)



The following substitutions are permitted:  
1-10M + 1-15M may be substituted for 2-10M  
2-10M may be substituted for 1-15M

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Table Prepared by:

250mm (10")  
Thick  
525mm (21")  
Deep  
Table No.  
**L 10-21M**

600mm (24") Lintel Depth											
Opening Width	Uniformly Distributed Load										
	7.0 KN/m (480 lb/ft)	10.5 KN/m (715 lb/ft)	14.0 KN/m (955 lb/ft)	17.5 KN/m (1195 lb/ft)	21.0 KN/m (1435 lb/ft)	24.5 KN/m (1675 lb/ft)	28.0 KN/m (1915 lb/ft)	31.5 KN/m (2155 lb/ft)	35.0 KN/m (2395 lb/ft)	Bottom Reinf. Steel	Reinfr. End Dist.
900mm (3'-0")	0-10M	0-10M	0-10M	0-10M	0-10M	0-10M	0-10M	0-10M	0-10M	0-10M	0-10M
1200mm (4'-0")	0-10M	0-10M	0-10M	0-10M	0-10M	0-10M	0-10M	0-10M	0-10M	0-10M	0-10M
1500mm (5'-0")	0-10M	0-10M	0-10M	0-10M	0-10M	0-10M	0-10M	0-10M	0-10M	0-10M	0-10M
1800mm (6'-0")	0-10M	0-10M	0-10M	0-10M	0-10M	0-10M	0-10M	0-10M	0-10M	0-10M	0-10M
2400mm (8'-0")	0-10M	0-15M	0-15M	0-15M	0-15M	0-15M	0-15M	0-15M	0-15M	0-15M	0-15M
3000mm (10'-0")	0-15M	0-15M	0-15M	0-15M	0-15M	0-15M	0-15M	0-15M	0-15M	0-15M	0-15M
3600mm (12'-0")	0-20M	0-20M	0-20M	0-20M	0-20M	0-20M	0-20M	0-20M	0-20M	0-20M	0-20M
4200mm (14'-0")	0-20M	0-20M	0-20M	0-20M	0-20M	0-20M	0-20M	0-20M	0-20M	0-20M	0-20M
4800mm (16'-0")	0-20M	0-20M	0-20M	0-20M	0-20M	0-20M	0-20M	0-20M	0-20M	0-20M	0-20M
5400mm (18'-0")	0-20M	0-20M	0-20M	0-20M	0-20M	0-20M	0-20M	0-20M	0-20M	0-20M	0-20M
6000mm (20'-0")	0-20M	0-20M	0-20M	0-20M	0-20M	0-20M	0-20M	0-20M	0-20M	0-20M	0-20M

NOTES:

- This table to be used in conjunction with the general notes and details located at the beginning of this section.
- Stirrup Spacing = 380mm (15")

All Stirrup End Distance measurements above are listed in mm (in)

The following substitutions are permitted:  
1-10M + 1-1M may substitute 1-10M + 1-2M  
2-10M may substitute 2-10M + 1-1M

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L10-24M



Table Prepared by:

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L 10-24M

250mm (10")  
600mm (24")  
Deep

Table No.