TABLE B.1

READ IN CONJUNCTION WITH DESIGN NOTES SECTION B. CAST-IN-PLACE CONCRETE

CONTROLLED CONCRETE

CONCRETE LOCATION	MAX. AGG. SIZE	STRENGTH	EXPOSURE CLASS	AIR CONTENT	CEMENT TYPE
SLABS, FOOTINGS	20 mm	35 MPa	C-1	5-8%	GU/GUb

TABLE B.2

READ IN CONJUNCTION WITH DESIGN NOTES SECTION B. CAST-IN-PLACE CONCRETE

CONCRETE COVER TO REINFORCEMENT

TALITATI OTA OLIVILIATI	
FOOTINGS - BOTTOM & SIDES	75 mm
SLABS — BOTTOM	75 mm
SLABS EXPOSED TO DE-ICING SALTS - TOP	60 mm

TABLE B.4

READ IN CONJUNCTION WITH DESIGN NOTES SECTION B. CAST-IN-PLACE CONCRETE

REINFORCEMENT SPLICES

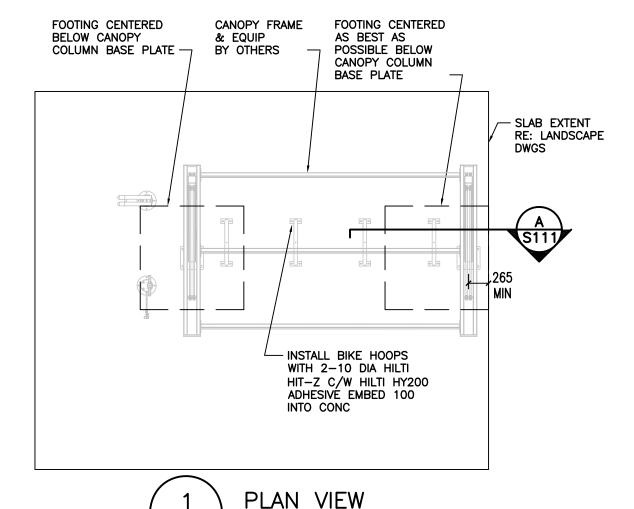
(UNLESS NOTED OTHERWISE)

BAR SIZE	FULL TENSION SPLICE	FULL TENSION SPLICE FOR TOP BARS		
15M	550	750		
20M 700		900		
25M	1100	1400		

NOTE 1: APPLIES TO REINFORCEMENT SPLICES NOT OTHERWISE DETAILED.

NOTE 2: LAP SPLICE SCHEDULE IS FOR CLASS B SPLICE.

NOTE 3: FOR STANDARD EMBEDMENT DEPTH INTO CONCRETE DIVIDE TENSION LAP SPLICE NUMBERS BY 1.3.



1370x1370x400 CONC FOOTING.
CENTER UNDER COLUMNS AS MUCH AS POSSIBLE.
R/W 15M@300o/c EA WAY BOT c/W HOOK EA END. SLAB REINF TO EXTEND THROUGH FOOTING TYPICAL.

A BIKE RA

1:20

PRE-ENGINEERED CONFIRM CANOPY, COLUMNS & ₩38 38₩ 150 CONCRETE SLAB BASE PLATE DESIGNED BY OTHERS 15M @300 O/C EA WAY MID ON 200 MIN 4-19¢ HILTI HAS-E GALV THREADED RODS SILV COMPACTED GRANULAR FILL TO 98% SPD. REFER TO LANDSCAPE DWGS FOR 25 CHAMFER LOCATIONS AND EXTENTS. AT EXPOSED MIN' REFER TO S-001 FOR SAW CUT **EDGES** ADHESIVE EMBED 350 **REQUIREMENTS** INTO CONC 150 300 300 1370x1370x400 CONC FOOTING. CENTER UNDER COLUMNS AS MUCH AS DESIGN LOADS (UNFACTORED) LL = 4.8kPa

SL = 1.72 kPa

DL = SELF WEIGHT

BIKE RACK CANOPY FOUNDATION SECTION

NOTE: REFER TO LANDSCAPE DWGS FOR EXTENT OF CONCRETE

2019-06-13



ORIGINAL SHEET - ISO 11x17 - v17.05

S-111

1:50

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CITY OF WINNIPEG PLANNING, PROPERTY & DEVELOPMENT WINNIPEG PUBLIC LIBRARIES BICYCLE FACILITY RENOVATION Winnipeg, Manitoba

Figure No.

S-111

OSBORNE LIBRARY SCHEDULES, PLAN AND SECTION FOR BIKE RACK

zzok projects († 1341) 1041 (1350 z.C. drawiigs) (1320 z.C. street illes) (1322 z.S. itactatat († 1700 z.S. 101 z.W.g.s. 101 z.W.g.s. 101 z.W.g.s. 101 z.C. street illes) (1358 AM By: Rossnagel, Ian