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Structural & Civil Engineers PO Box 9185, Scoresby 3179 0447 766 979 brendon@efficiencybydesign.com.au ACN 160 197 071

Description	Date
Issued	18/11/19
Grate added	09/02/24
Certified issue	19/02/24
	Issued Grate added

Merri-bek City Council
Parklet Program deck

PLANS & DETAILS - Steel frame option					
Date	Nov 2019				
Designed by	ВС	2017.054B S01			
Drawn by	BC				
Status	FOR CONSTRUCTION	Scale @ A3 As indicated Revision C			

THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH THE CONTRACT DOCUMENTS (INCLUDING ALL ARCHITECTURAL AND OTHER CONSULTANTS)

DRAWINGS AND SPECIFICATIONS) AND WITH SUCH OTHER WRITTEN INSTRUCTIONS AS MAY BE ISSUED DURING THE COURSE OF THE CONTRACT.

62 ANY DISCREPANCY ON THE DRAWINGS OR BETWEEN THE DRAWINGS AND/OR THE SPECIFICATION AND/OR THE SPECIFIED SAA STANDARD SHALL BE G2 ANY DISCREPANCY ON THE DRAWINGS OR BETWEEN THE DRAWINGS AND/OR THE SPECIFICATION AND/OR THE SPECIFIED SAA STANDARD SHALL BE REFERRED TO THE SUPERINTENDENT AND A WRITTEN INSTRUCTION RECEIVED PRIOR TO PROCEEDING WITH THE WORK. DURING TENDERING THE TENDER SHALL ASSUME THE LARGER/GREATER CRITERIA IN TERMS OF COST IN THE ABSENCE OF OTHER INSTRUCTIONS.

ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE. ALL LEVELS ARE IN METRES UNLESS NOTED OTHERWISE. WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE BUILDING CODE OF AUSTRALIA, THE RELEVANT

CURRENT AUSTRALIAN STANDARDS INCLUDING ALL AMENDMENTS, AND THE REQUIREMENTS OF THE LOCAL STATUTORY AUTHORITIES, EXCEPT WHERE VARIED BY THE CONTRACT DOCUMENTS.

ALL DIMENSIONS RELEVANT TO SETTING OUT AND OFF-SITE WORK SHALL BE VERIFIED BY THE CONTRACTOR BEFORE CONSTRUCTION OR FABRICATION G5 ALL DIMENSIONS RELEVANT TO SETTING OUT AND OFF-SITE WORK SHALL BE VERIFIED BY IS COMMENCED. THE ENGINEER'S DRAWINGS SHALL NOT BE SCALED.
G6 BUILD, FABRICATE AND PROCURE ONLY FROM DRAWINGS "ISSUED FOR CONSTRUCTION". STRUCTURAL STEELWORK
G7 STEEL MATERIALS AND FABRICATION SHALL COMPLY WITH AS4100.
G8 OPEN STEEL SECTIONS SHALL BE GRADE 300.
G9 WASHERS SHALL BE PROVIDED UNDER ALL NUTS AND BOLT HEADS.
G10 BOLTS ARE DESIGNATED AS FOLLOWS:

GRADE 4.6 SNUG TIGHT GRADE 8.8 SNUG TIGHT

8.8/TF or TB GRADE 8.8 BOLTS FULLY TENSIONED
WELDING SHALL COMPLY WITH AS1554.1. WELDS SHALL BE 6mm CONTINUOUS FILLET WELDS (cfw) UNO. BUTT WELDS AND FILLET WELDS 8mm OR

MORE SHALL BE CATEGORY SP. ALL OTHER WELDS SHALL BE CATEGORY GP UNO. ELECTRODES SHALL BE E48xx OR EQUIVALENT UNO.

G12 ALL STEELWORK SHALL BE HOT-DIP GALVANISED UNO. SURFACES SHALL BE HOT-DIP GALVANISED IN ACCORDANCE WITH THE REQUIREMENTS OF AS4680. COATING THICKNESS SHALL BE IN ACCORDANCE WITH AS4680

ATING TRICKNESS SHALL BE IN ACCORDANCE WITH AS4000
STRUCTURAL TIMBER AS SHOWN ON THE ENGINEERS DRAWINGS SHALL HAVE A MINIMUM STRESS GRADE OF MGP10
BOLTED CONNECTIONS SHALL BE PROVIDED WITH WASHERS UNDER THE HEAD AND THE NUT. ALL BOLTS AND FITTINGS FOR EXTERNAL USE SHALL BE

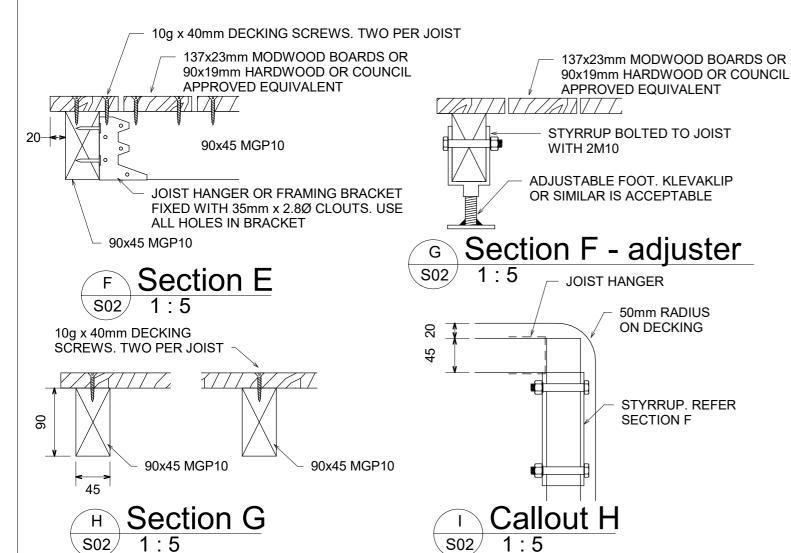
HOT-DIP GALVANISED. NO KNOTS OR DEFECTS SHALL BE ALLOWED WITHIN 150mm OF BOLTS OR CONNECTORS.

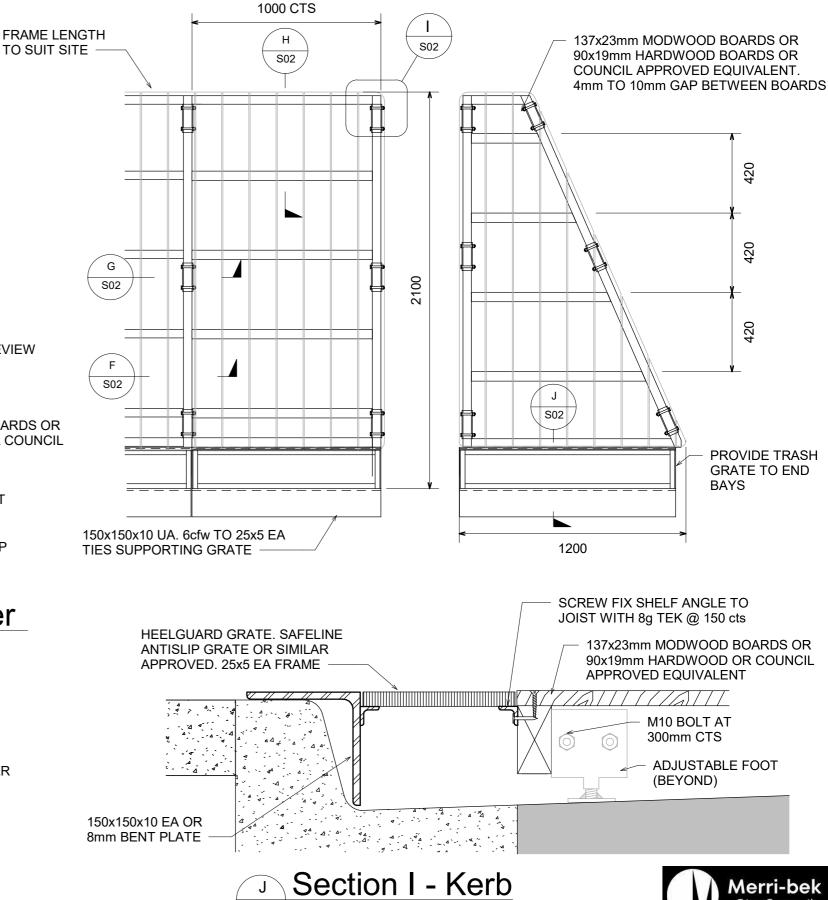
G15 PRESERVATIVE, WHERE APPLIED, SHALL BE MADE GOOD AT CHECKOUTS, HOLES AND END GRAINS WHERE SURFACE PENETRATIONS EXCEED 25mm.
REFER TO THE SPECIFICATIONS FOR APPLIED FINISH TO ALL TIMBER. MODWOOD BOARDS, WHERE USED, SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS. ENSURE THAT FIXINGS INCLUDE

PREDRILLED HOLES SO THAT SCREWS ARE LOOSE FITTING. COUNTERSINK SCREW HEADS. BOARD DIMENSIONS SHOWN ARE MINIMUM SIZES

ALL STEELWORK TO BE GALVANISED

DESIGN LOADS MAXIMUM 500kg/m² AND NOT EXCEEDING 180kg OVER A 150x150mm AREA THIS DESIGN MAY BE MODIFIED SUBJECT TO COUNCIL APPROVAL. SUBMIT SKETCHES TO COUNCIL FOR REVIEW







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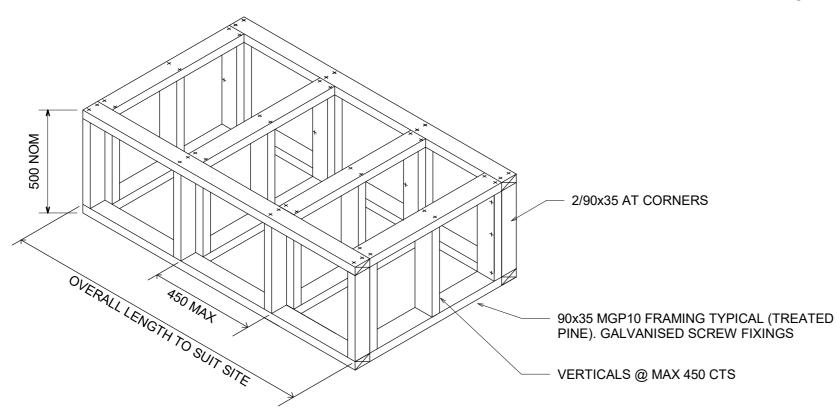
Merri-bek City Council

Parklet Program deck

PLANS & DETAILS - Timber frame					
Date	Nov 2019				
Designed by	ВС	2017.054B S02			
Drawn by	ВС				
Status	FOR CONSTRUCTION	Scale @ A3 As indicated Revision D			

Typical Bench Seat Detail

1:20



Typical Seating Box Frame

1:20





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Merri-bek	City	Council

Parklet Program deck

TYPICAL DETAILS					
Date	Nov 2019				
Designed by	ВС	2017	'.054E	3 S03	
Drawn by	ВС				
Status	FOR CONSTRUCTION	Scale @ A3	1 : 20	Revision C	