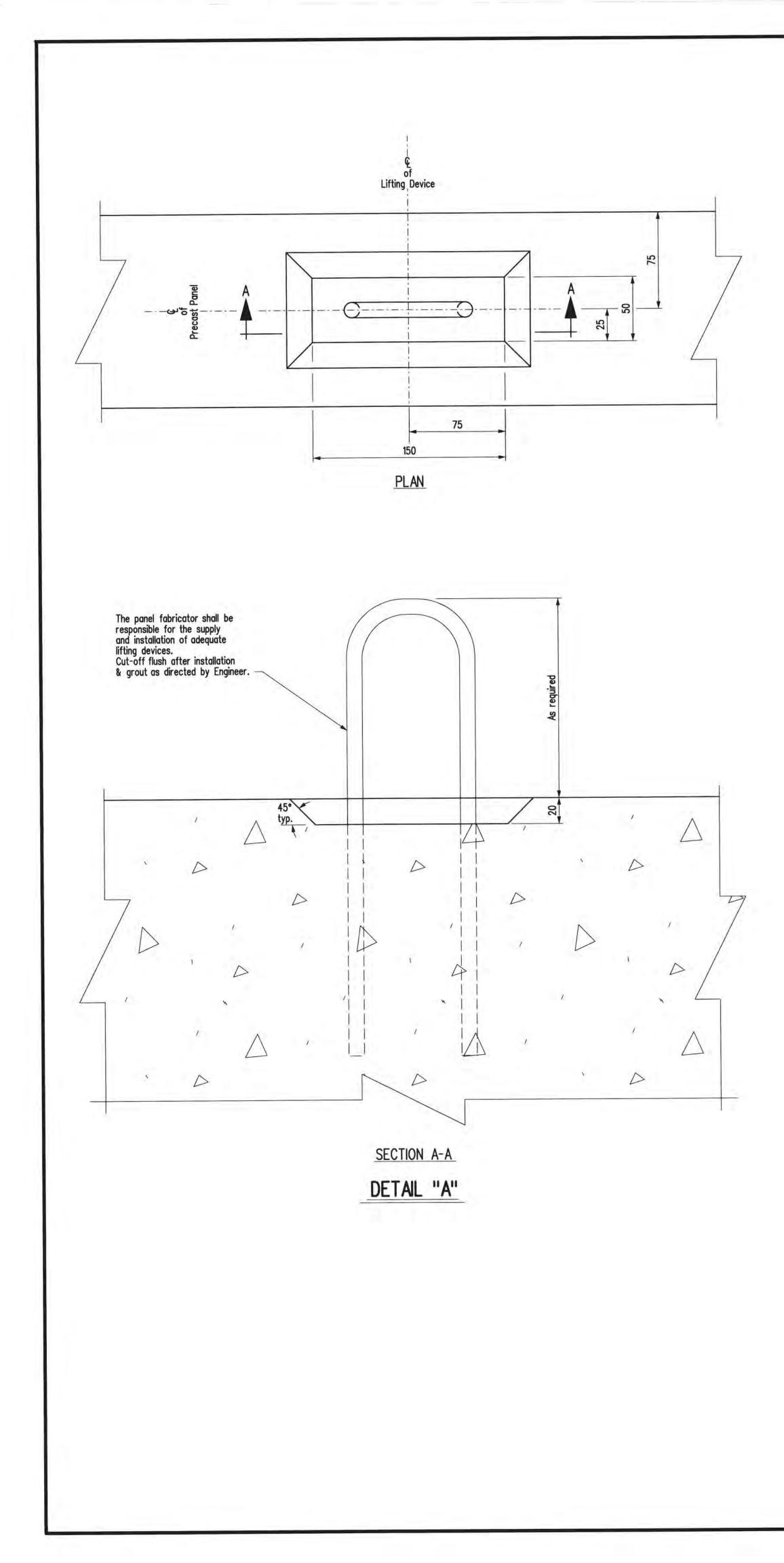


		REVIS	IONS		PRECAST	PANEL DETAILS		
DATE BY DESCRIPTION DESIGN SEAL RECORD SEAL				M	APPROVED BY: Original signed by Micheal Hagos July 28, 2020			
				W	Infrastructure Vater Management and Structures	DIRECTOR OF STRUCTURES		
Original signed and sealed by Andy Pankratz July 9, 2020				DESIGN	ву:А.Н.Р	DATE		
					CHECKED:	SCALE:		
				DETAILS	ву: <u>К.Р./N.J.</u>			
					CHECKED: A.H.P.	or as shown STD No. PPCC_PR_10.8_12m_PD01		



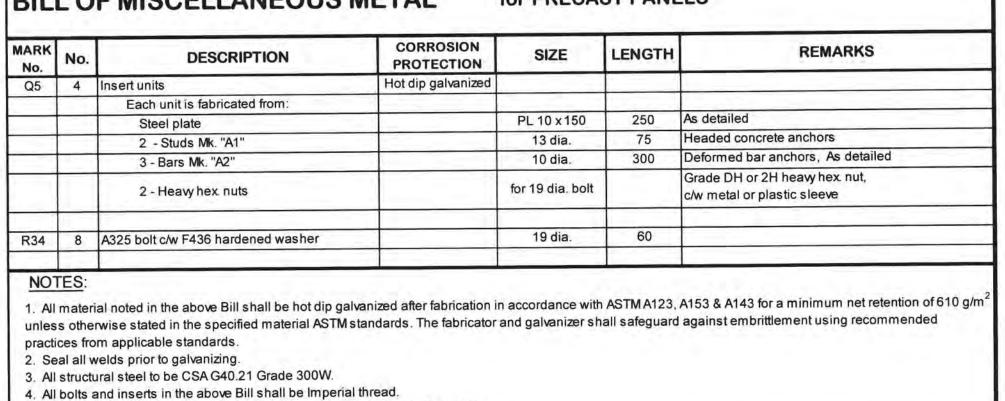
MARK	TYPE	PIN DIAMETER	LENGTH	PANEL TYPE	No. of PANELS	No. of BARS PER PANEL	TOTAL No. of BARS PER PANEL TYPE		BENDING DIAGRAM	
1501_N1	STR		6 300	N1	2	6	12			
1502_N1	STR		600	N1	2	22	44			
501_N1a	STR		6 300	N1a	2	6	12			
502_N1a	STR		600	N1a	2	22	44			
1501_N2	STR		7 450	N2	2	10	20			
1502_ N 2	STR		1 200	N2	2	26	52			
1501_N3	STR		5 150	N3	2	10	20			
1502 _N 3	STR		1 200	N3	2	18	36			
1501_ N 4	STR		4 900	N4	2	16	32			
1502_N4	STR		1 900	N4	2	17	34			
501_N4a	STR		4 900	N4a	2	16	32			
1502_N4a	STR		1 900	N4a	2	17	34			
Total ma	ss of r	einforcing	steel			_			1	576.91 kg
Panel Type N1				100.0	N1a	1	N2	N3	N4	N4a
Area m²/panel		4.50	4.50		9.80		6.80	10.00	10.00	
NOTES:		recast Pane							1750 0. 1000 L	91.20 m²
									, 135° & 180° ha ° hooks reference and hooks shall co L.	ed from the onform to
							herwise in the t Steel Bars fo		nforcement" Grade	400W,

5. All bars shall be bent in accordance with the following detail:

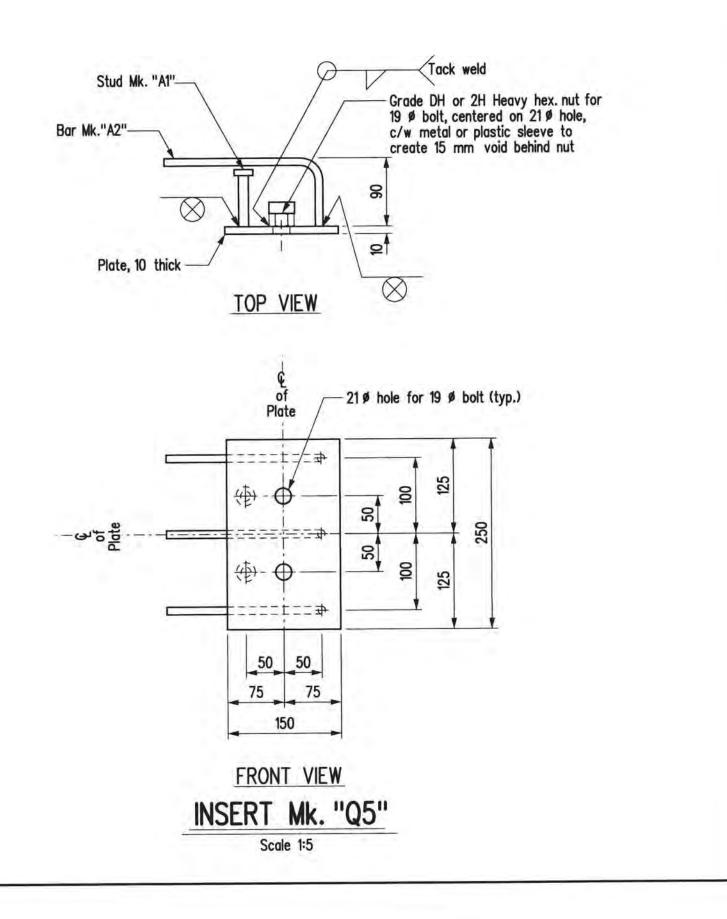
K D

BILL OF MISCELLANEOUS METAL

for PRECAST PANELS



Contractor shall refer to Manitoba Infrastructure's Approved Products listing.



NOTES:

1. For location of DETAIL "A" see STD PPCC_PR_10.8_12m_PD01 1 of 2.

2. Precast panel concrete strength: f'c = 35 MPa.

REVISIONS				PRECAST PANEL DETAILS				
DATE				M	anitoba 🐆	APPROVED BY: Original signed by Micheal		
DESIGN SEAL RECORD SEAL			RECORD SEAL		Infrastructure	Hagos July 28, 2020		
				w	ater Management and Structures	DIRECTOR OF STRUCTURES		
Original signed and sealed by Andy Pankratz July 28, 2020				DESIGN	ву: <u>А.Н.Р.</u>	DATE		
					CHECKED:	SCALE:	SHEET No 2 of 2	
					ву: <u>К.Р./N.J.</u>			
				DETAILS	CHECKED:	or as shown	STD No. PPCC_PR_10.8_12m_PD01	