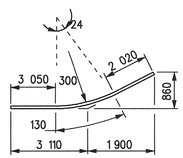
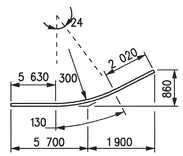
BILL OF REINFORCING STEEL (MMFX - 2) FOR STAGE 1 DECK AND SIDEWALK

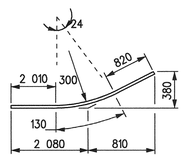
Site No. 2924-00

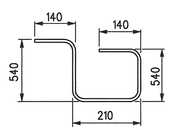
MARK	TYPE	PIN DIAMETER	LENGTH	No.	MASS
D1601	STR		8 720	233	3153.29
D1602	STR		5 390	9	75.29
D1603	STR		6 140	231	2201.26
D1604	STR		7 970	8	98.96
D1605	BENT		5 210	224	1811.25
D1606	BENT		7 790	223	2696.09
D1607	BENT		2 960	12	55.13
D1608	STR		12 000	347	6462.53
D1609	STR		9 730	38	573.84
D1610	BENT	65	1 570	661	1610.62
D1611	BENT	90	850	559	737.43

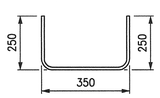
BENDING DIAGRAM









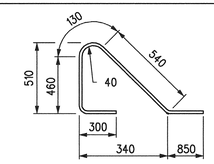


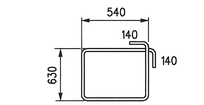
BILL OF REINFORCING STEEL (MMFX - 2) FOR STAGE 1 DECK AND SIDEWALK

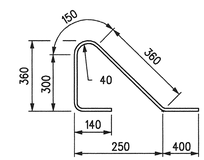
Site No. 2924-00

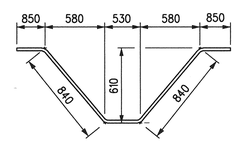
MARK	TYPE	PIN DIAMETER	LENGTH	No.	MASS
D1612	BENT	90	2 280	559	1978.06
D1613	BENT	65	2 620	30	121.99
D1614	BENT	90	1 350	30	62.86
D1615	BENT	90	3 900	15	90.79
D1616	BENT	90	1 900	10	29.49
D1617	BENT	90	2 340	10	36.32

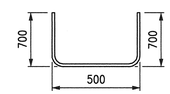
BENDING DIAGRAM

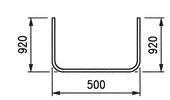










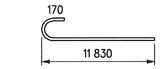


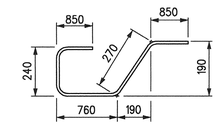
BILL OF REINFORCING STEEL (MMFX - 2) FOR STAGE 1 DECK AND SIDEWALK

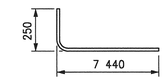
Site No. 2924-00

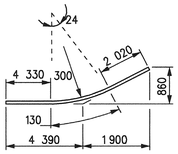
MARK	TYPE	PIN DIAMETER	LENGTH	No.	MASS
D1618	BENT	90	12 000	92	1713.41
D1619	STR		8 700	30	405.30
D1620	BENT	90	2 970	188	866.57
D1621	BENT	90	7 690	173	2064.73
D1622	STR		6 670	6	62.11
D1623	BENT		6 480	167	1679.51
D1624	BENT	90	5 110	173	1372.01
D1625	STR		9 250	8	114.85
D1626	BENT		9 070	166	2336.72

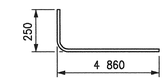
BENDING DIAGRAM

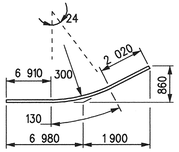










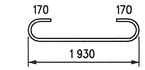


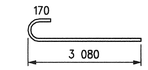
BILL OF REINFORCING STEEL (MMFX - 2) FOR STAGE 1 DECK AND SIDEWALK

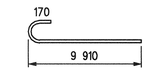
Site No. 2924-00

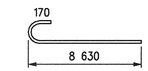
MARK	TYPE	PIN DIAMETER	LENGTH	No.	MASS
D1627	BENT	90	2 270	30	105.69
D1628	STR		850	30	39.58
D1629	STR		2 460	12	45.82
D1630	STR		2 170	4	13.47
D1631	STR		2 100	4	13.04
D1632	STR		2 900	38	171.03
D1633	BENT	90	3 250	30	151.32
D1634	STR		18 000	78	2179.01
D1635	STR		10 480	38	619.54
D1636	STR		6 480	38	383.64
D1637	STR		9 430	38	556.14
D1640	STR		13 500	60	1257.12
D1641	STR		7 280	30	338.96
D1642	BENT	90	10 080	31	484.97
D1643	BENT	90	8 800	30	409.73
D1644	STR		11 000	84	1434.05
D1645	STR		13 000	44	887.74
D1659	STR		4 080	14	88.65
D1660	STR		3 780	104	610.12
D1661	STR		4 980	6	46.37
D1662	STR		4 360	6	40.60
D1663	STR		3 880	72	433.57
D1664	STR		3 730	16	92.62
D1665	STR		2 920	14	63.45
D1666	STR		4 350	8	54.01
D1667	STR		5 250	8	65.18
D1668	STR		4 680	8	58.11
D1669	STR		2 260	6	21.05
D1670	STR		3 320	6	30.92
D1671	STR		1 830	495	1405.88
D1672	STR		3 870	2	12.01
D1673	STR		4 760	2	14.78
D1674	STR		4 150	2	12.88
D1675	STR		2 720	2	8.44
D1676	STR		2 060	2	6.39
D1677	STR		3 100	2	9.62

BENDING DIAGRAM









NOTE:

For remainder of "BILL OF REINFORCING STEEL (MMFX - 2) FOR STAGE 1 DECK AND SIDEWALK" see Sheet No.79

REVISIONS		
DATE	BY	DESCRIPTION

PROVINCE OF MANITOBA
Mar 15/10
S.S
RIHAL
REGISTERED PROFESSIONAL ENGINEER

DECK REPLACEMENT - STAGE 1
REINFORCING DETAILS

RECONSTRUCTION AND STRENGTHENING OF EXISTING BRIDGE
OVER ASSINIBOINE RIVER - CONTRACT THREE
ON P.T.H. No. 100 IN R.L.'S 72, 73 & 94
PARISH OF ST. CHARLES

CITY OF WINNIPEG

Manitoba
Infrastructure and Transportation
Water Control & Structures

RELEASED FOR CONSTRUCTION BY:
DIRECTOR — DATE
STRUCTURES DESIGN AND CONSTRUCTION BRANCH

DESIGN	BY: M.B.C.	
	CHECKED: S.S.R.	
DETAILS	BY: D.P.W.	
	CHECKED: S.S.R./J.J.	

SCALE: Not to Scale
SHEET No. 78
SITE No. 2924-00

...\292400_Deck Reinforcing_Contract 3.dgn 2010-03-10 9:56:07 AM