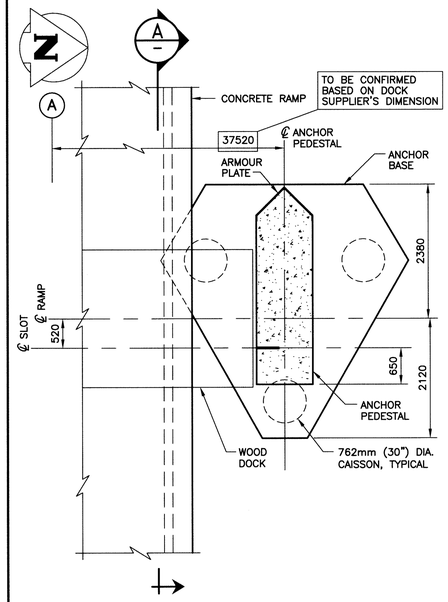
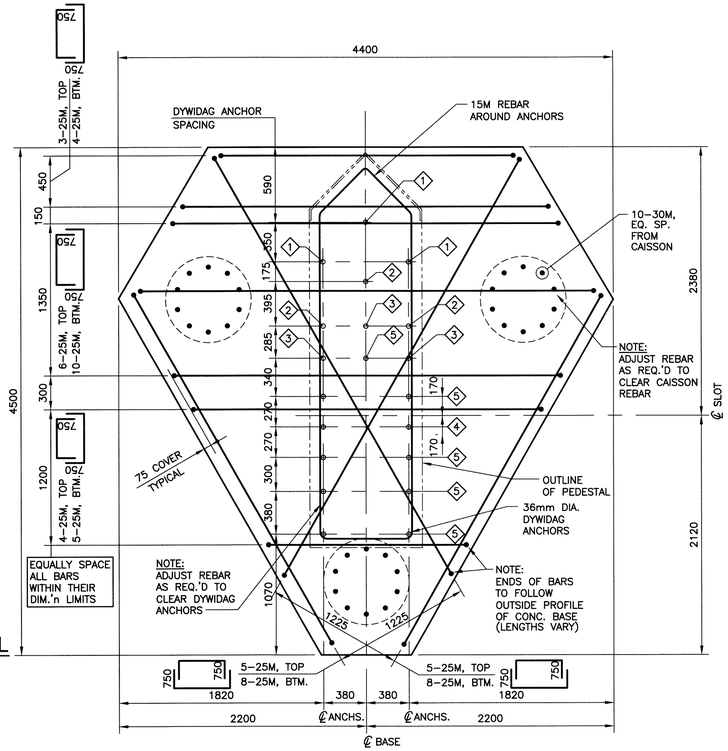


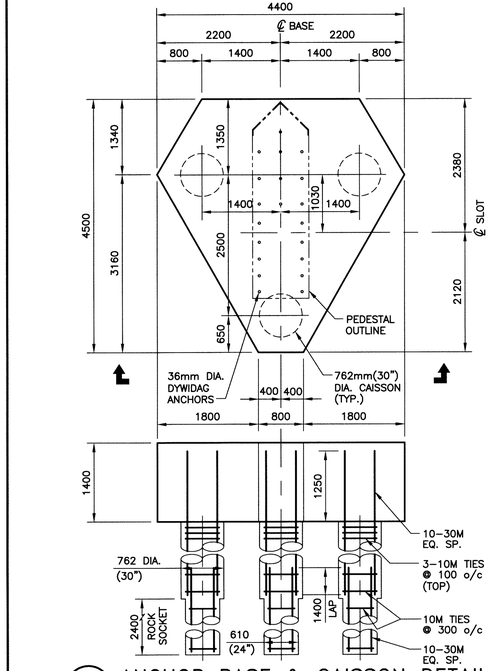
LOCATION PLAN
PERMANENT ANCHOR BASE & PEDESTAL

SCALE: 1:50



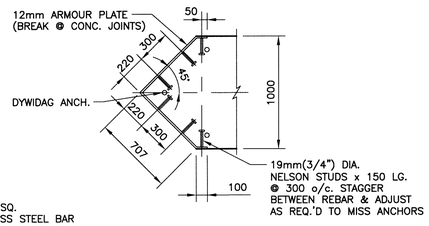
B ANCHOR BASE–REINF. & DYWIDAG ANCHOR PLAN

SCALE: 1:25



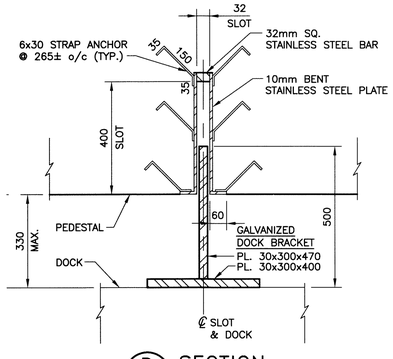
A ANCHOR BASE & CAISSON DETAIL

SCALE: 1:50



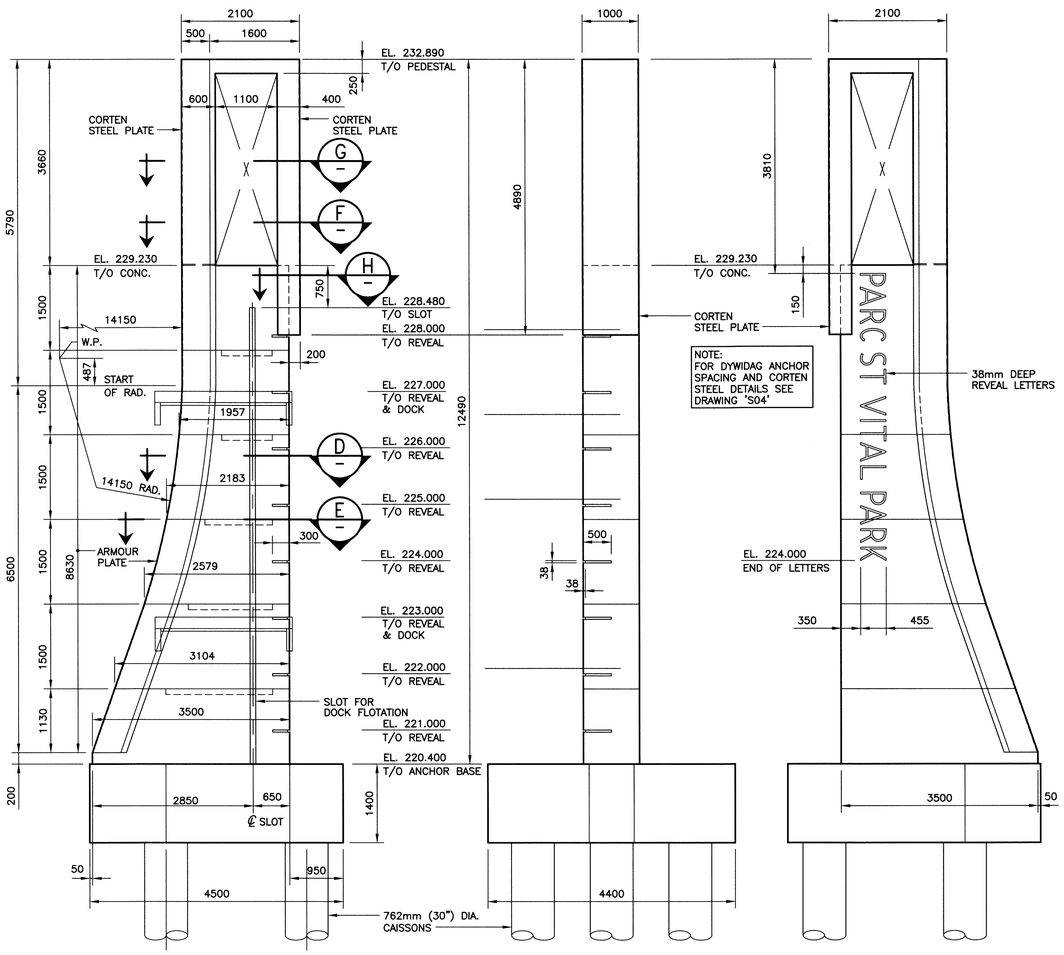
ARMOUR PLATE DETAIL

SCALE: 1:25



D SECTION

SCALE: 1:10



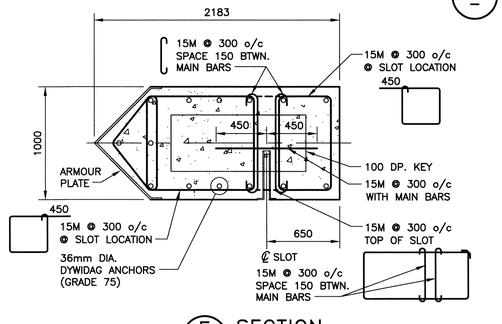
SOUTH ELEVATION

EAST ELEVATION

NORTH ELEVATION

C ELEVATIONS

SCALE: 1:50



E SECTION

SCALE: 1:25

1000 0 1000 2000 3000 4000
SCALE: 1:50 METRIC A1
1:100 METRIC A3

500 0 500 1000 1500 2000
SCALE: 1:25 METRIC A1
1:50 METRIC A3

200 0 200 400 800 1000
SCALE: 1:10 METRIC A1
1:20 METRIC A3

PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

APEGM Certificate of Authorization
KGS Group
No. 245

EXISTING	LEGEND–PLAN	PROPOSED	EXISTING	LEGEND–PLAN	PROPOSED	EXISTING	LEGEND–PROFILE	PROPOSED
150 WM	WATERMAIN	150 WM		HYDRO		150 WM	WATERMAIN	150 WM
⊹	HYDRANT	✚		M.T.S.		±, ⊤	HYDRANT, VALVE	+, ⊤
⊗	VALVE	⊗		CONCRETE		300 LDS	LAND DRAINAGE SEWER	300 LDS
300 LDS	LAND DRAINAGE SEWER	300 LDS		ASPHALT		250 WWS	WASTE WATER SEWER	250 WWS
250 WWS	WASTE WATER SEWER	250 WWS		SIDEWALK		×	℄ PROFILE	
○	MANHOLE	●	⊕	KGS TEST HOLE		□	NORTH/WEST GUTTER	
□	CATCH BASIN	■		PROPERTY LINE		○	SOUTH/EAST GUTTER	
▽	CURB INLET	▼	⊕	SURVEY BAR	✱	◇, ○	N/W, S/E ℄'S	
	JUNCTIONS		▷	DITCH	→	⊡, ⊙	N/W, S/E TOP/CURB	
	CULVERT		231.334	ELEVATION	(32.231)	△	NORTH/WEST DITCH	
	GAS					▽	SOUTH/EAST DITCH	

LOCATION APPROVED
UNDERGROUND STRUCTURES

SUPV. U/G STRUCTURES COMMITTEE — DATE

NOTE:
LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

NO.	REVISIONS	DATE	BY
1	ISSUED FOR TENDER	13/01/04	RJL
0	ISSUED FOR TENDER	12/20/12	RJL

KGS GROUP CONSULTING ENGINEERS
SCATLIFF + MILLER + MURRAY Inc.
TEL 204 925 0444 FAX 204 925 0445
8 - 130 MARKET AVENUE WINNIPEG, MB, CANADA

DESIGNED BY RJL	CHECKED BY
DRAWN BY JF	APPROVED BY
SCALE: AS NOTED	RELEASED FOR CONSTRUCTION:
DATE 12/12/04	DATE

ENGINEER'S SEAL
PROVINCE OF MANITOBA — R.J. LONG — REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO.
12–0109–009–S03

Winnipeg
THE CITY OF WINNIPEG
PLANNING, PROPERTY & DEVELOPMENT DEPARTMENT

PROJECT TITLE
ST. VITAL PARK BOAT LAUNCH
PERMANENT ANCHOR PEDESTAL
PLANS, ELEVATIONS, SECTIONS & DETAILS

SHEET OF
COMPUTER FILE NAME 12–0109–009
CITY DRAWING NUMBER

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