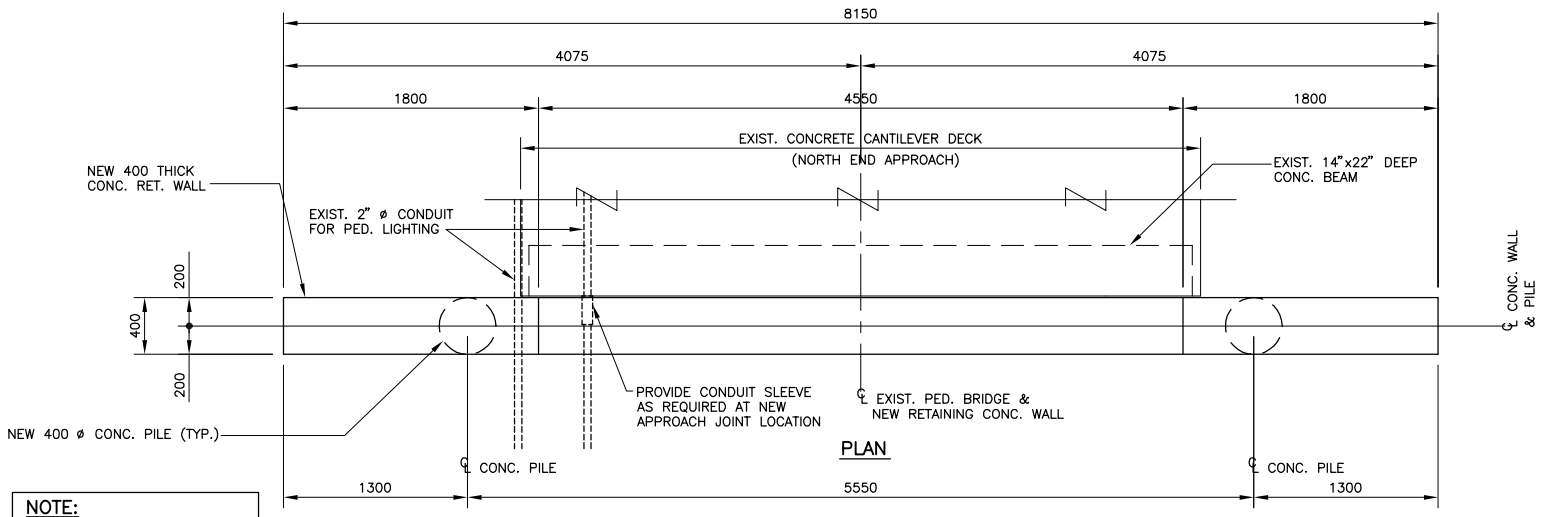
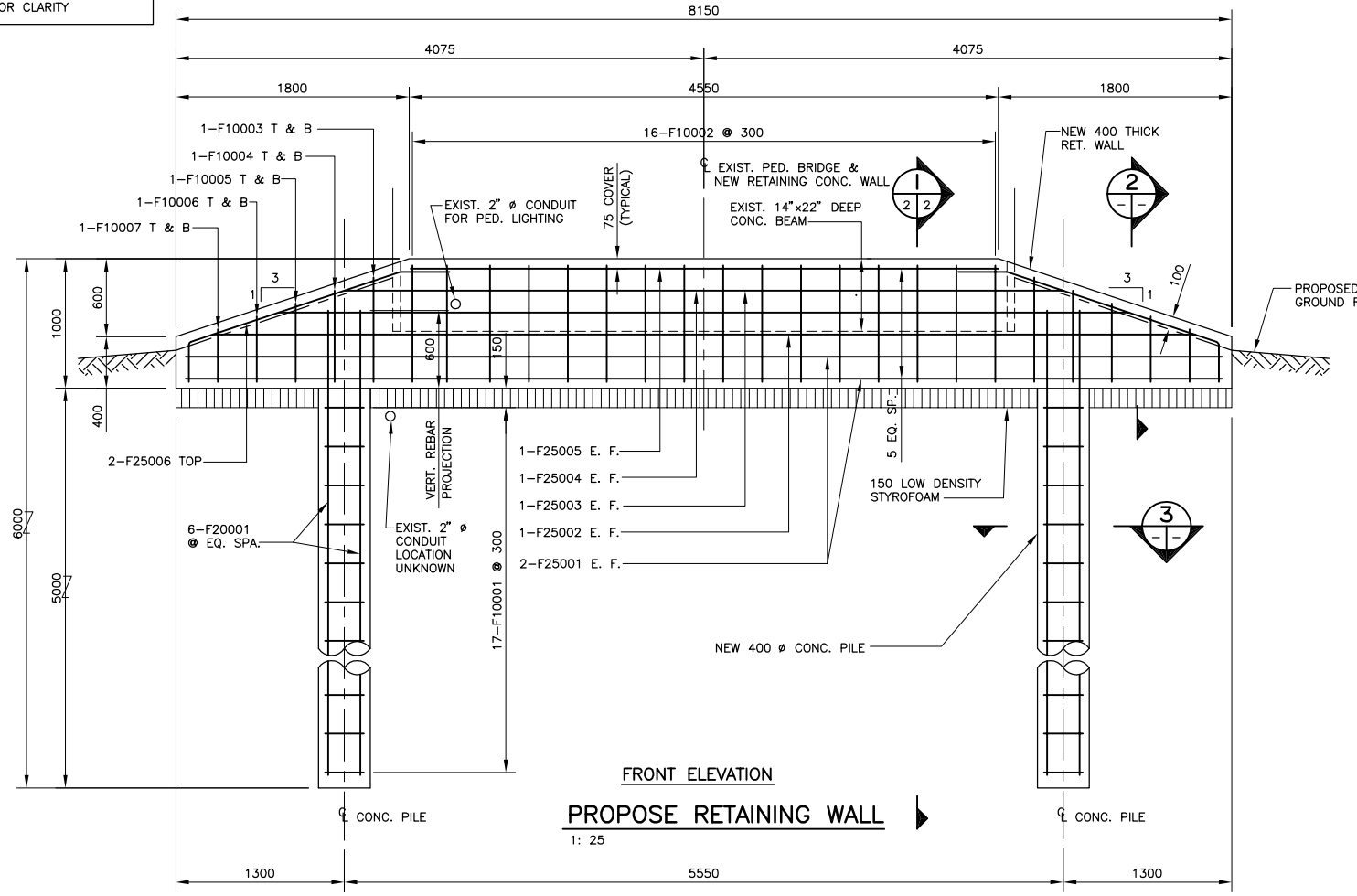


PLAN

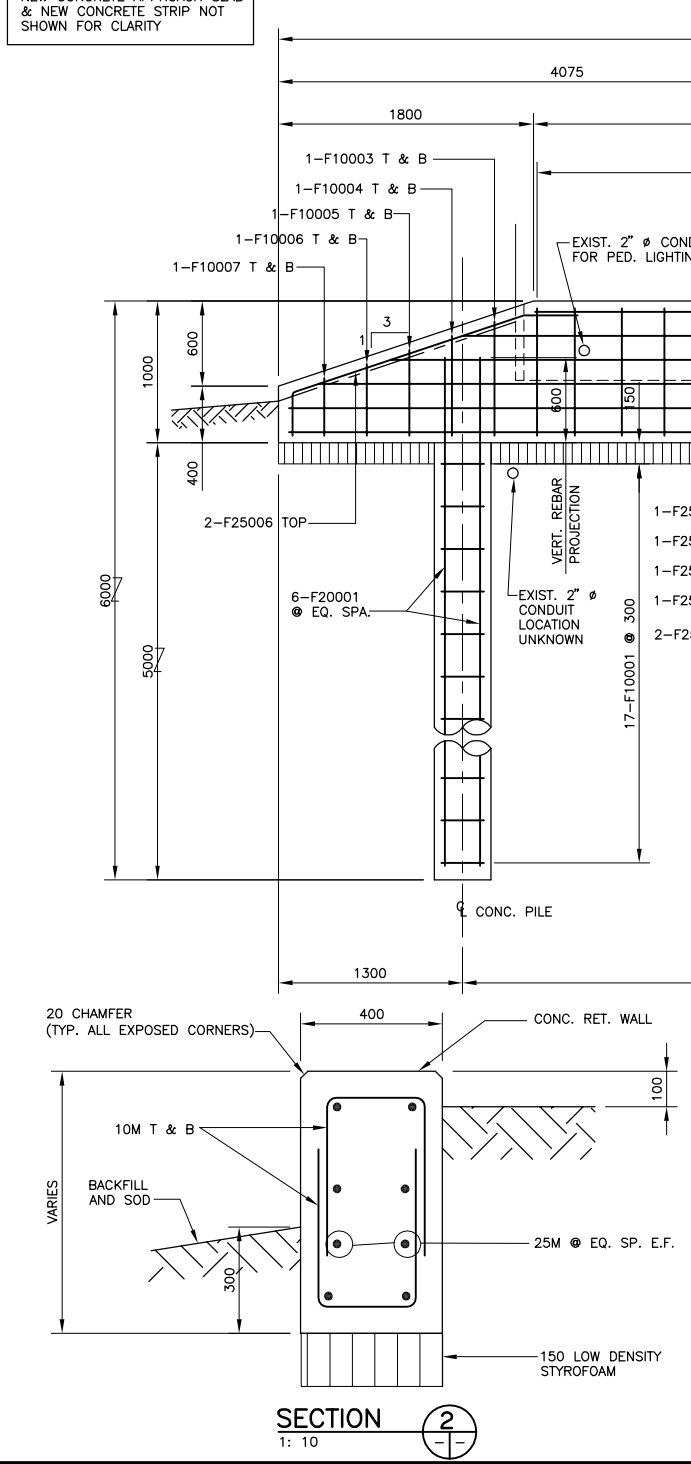
NOTE:
NEW CONCRETE APPROACH SLAB & NEW CONCRETE STRIP NOT SHOWN FOR CLARITY



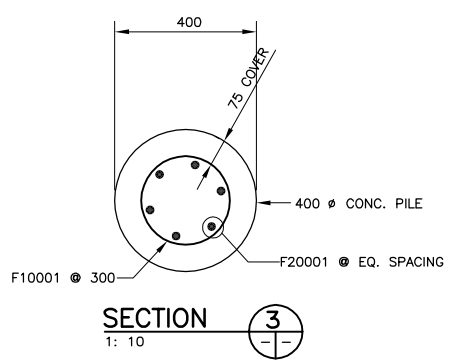
FRONT ELEVATION

PROPOSE RETAINING WALL

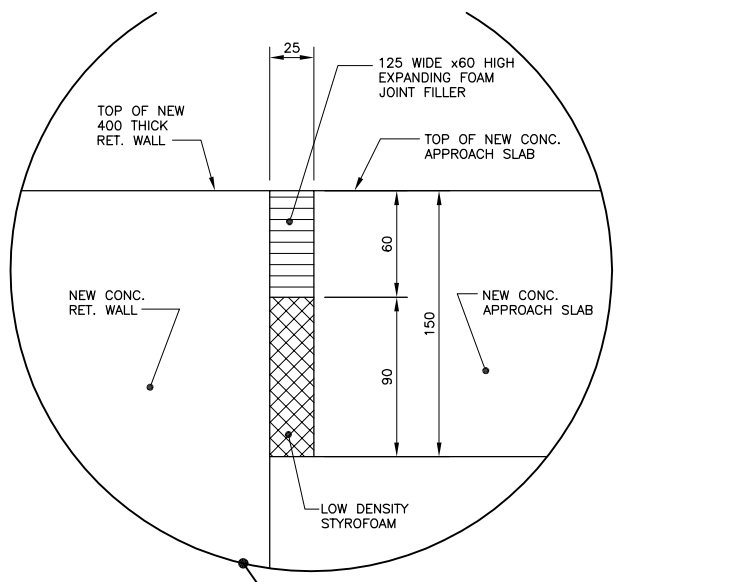
1: 25



SECTION 2
1: 10



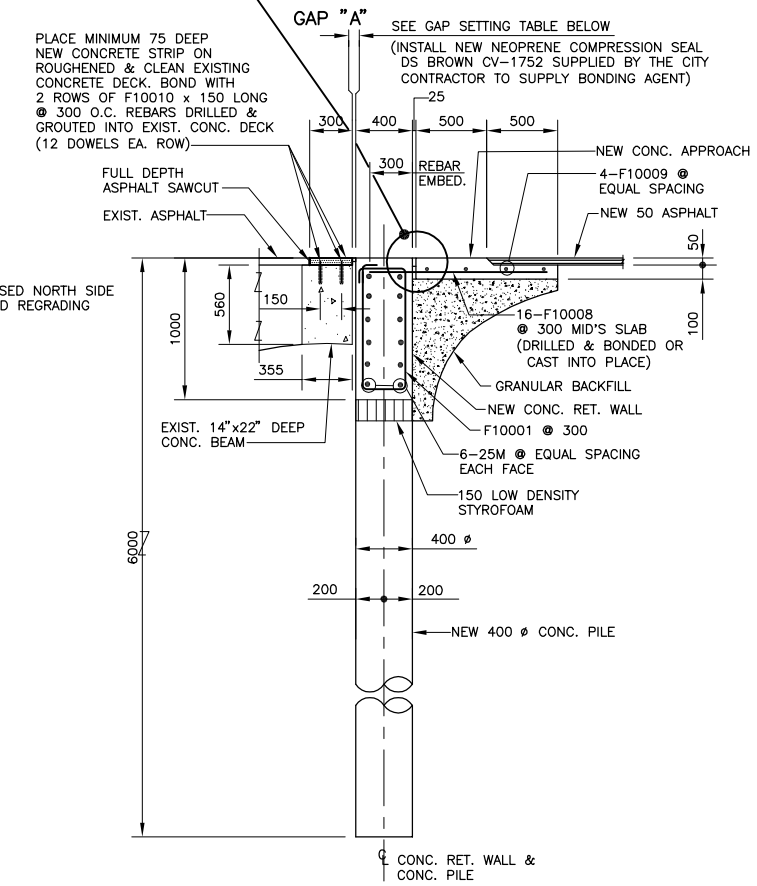
SECTION 3
1: 10



GAP "A"

SEE GAP SETTING TABLE BELOW

(INSTALL NEW NEOPRENE COMPRESSION SEAL DS BROWN CV-1752 SUPPLIED BY THE CITY CONTRACTOR TO SUPPLY BONDING AGENT)



SECTION 1
1: 25
1 & 2

REINFORCING STEEL SCHEDULE

MARK	NO. BARS	SIZE	LENGTH	SHAPE	MASS
F25001	4	25M	8000		125.6
F25002	2	25M	7585		59.5
F25003	2	25M	6565		51.5
F25004	2	25M	5545		43.5
F25005	2	25M	4540		35.6
F25006	4	25M	2400	95, 255, 270, 300, 1830	37.7
F20001	12	20M	5500		155.4
F10001	34	10M	785	1258	21.0
F10002	16	10M	2400	100, 250, 100, 850, 850, 250	30.1
F10003	4	10M	1300	525, 525, 250	4.1
F10004	4	10M	1200	475, 475, 250	3.8
F10005	4	10M	1100	425, 425, 250	3.5
F10006	4	10M	1000	375, 375, 250	3.1
F10007	4	10M	950	350, 350, 250	3.0
F10008	16	10M	1250		15.7
F10009	4	10M	4400		13.8
F10010	24	10M	150		2.8

TOTAL MASS = 609.7 kg.

CONCRETE NOTES:

- ALL CONCRETE:
  f'c = 35 MPa
  TYPE 50 CEMENT
- CLEAR COVER TO
  REINFORCING STEEL = 75 mm
- REINFORCING STEEL:
  CSA G30.18 GRADE 400W
  BILLET STEEL BARS

GAP SETTING TABLE

TEMP. °C	-30	-20	-10	0	10	20	30
GAP "A"	38	35	32	29	26	23	20

THIS PROJECT DESIGNED 100% IN NOV. /03 READY FOR TENDERING WHENEVER REQUIRED IN THE FUTURE.

NO.	REVISIONS	DATE	BY
1	ISSUED FOR TENDER	03/12/04	R.A.W.
1	ISSUED FOR REVIEW	03/09/04	R.A.W.

B.M. ELEV.

DESIGNED BY: R.A.W.
DRAWN BY: N.B.G.
CHECKED BY: R.A.W.
APPROVED BY:
SCALE: HORZ. AS SHOWN VERT.
DATE: MARCH 2004
AUTHORIZED BY:
DATE:
CITY BRIDGE ENGINEER

DILLON CONSULTING

ENGINEER'S SEAL
PROVINCE OF MANITOBA
R.A. WIEBE
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT PROJECT NO.
04-2937-1000

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
Winnipeg

2004 BRIDGE MAINTENANCE
ASSINIBOINE PARK PEDESTRIAN BRIDGE
OVER THE ASSINIBOINE RIVER

NORTH APPROACH REMEDIAL WORKS

PROPOSED RETAINING WALL DETAILS

CITY DRAWING NUMBER
B129-04-02
SHEET 2 OF 2