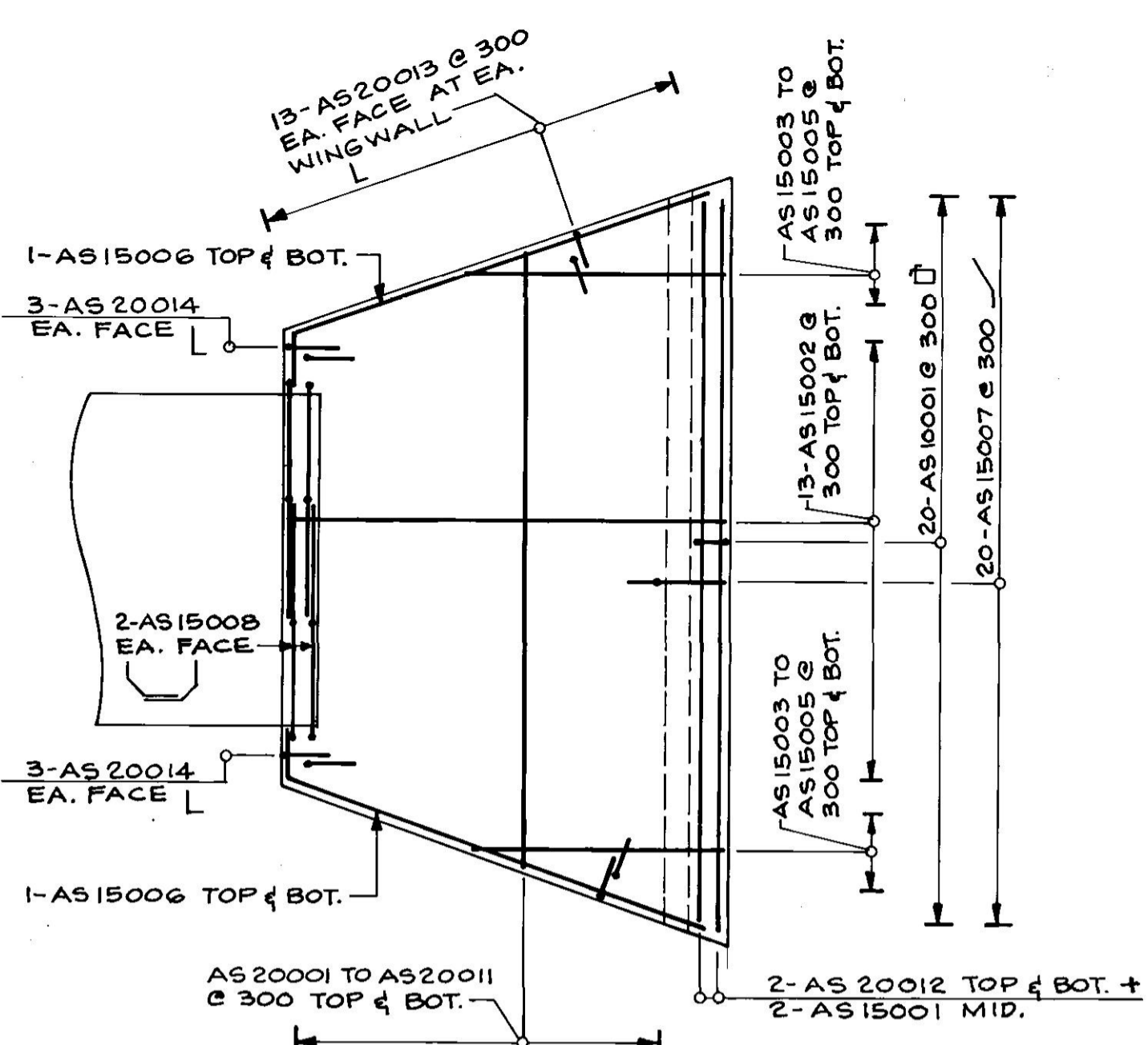
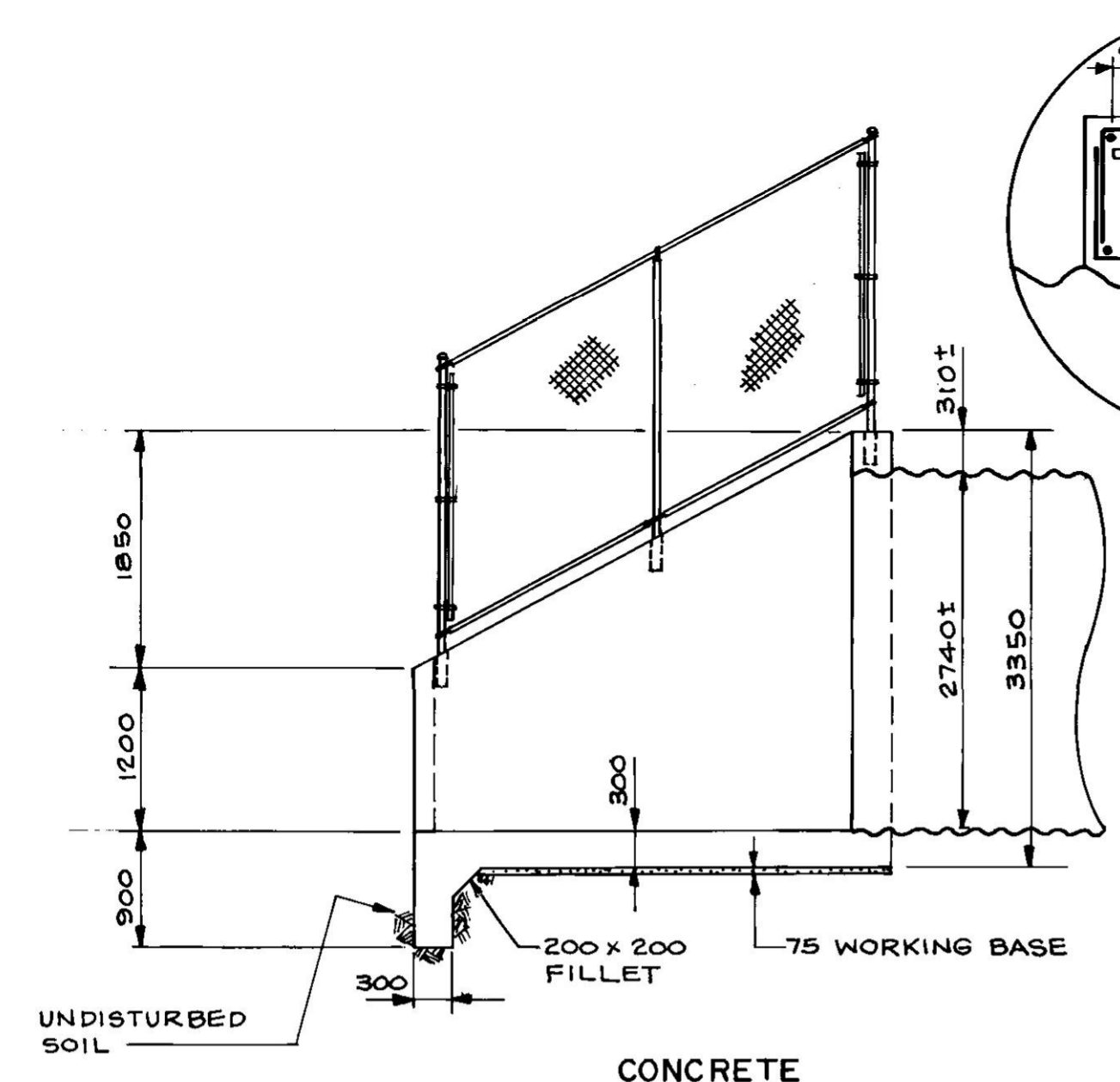


CONCRETE



APRON SLAB REINFORCING



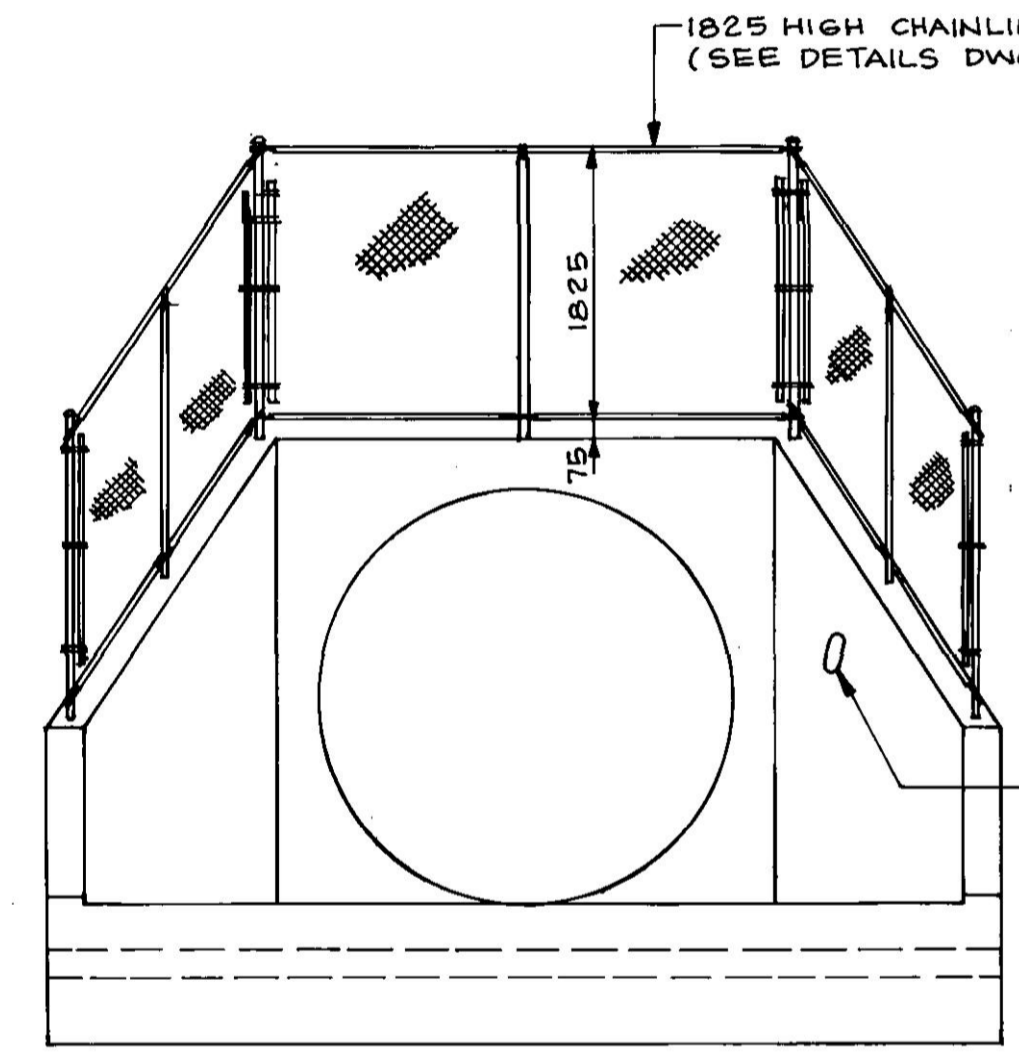
WINGWALL ELEVATIONS

1:50

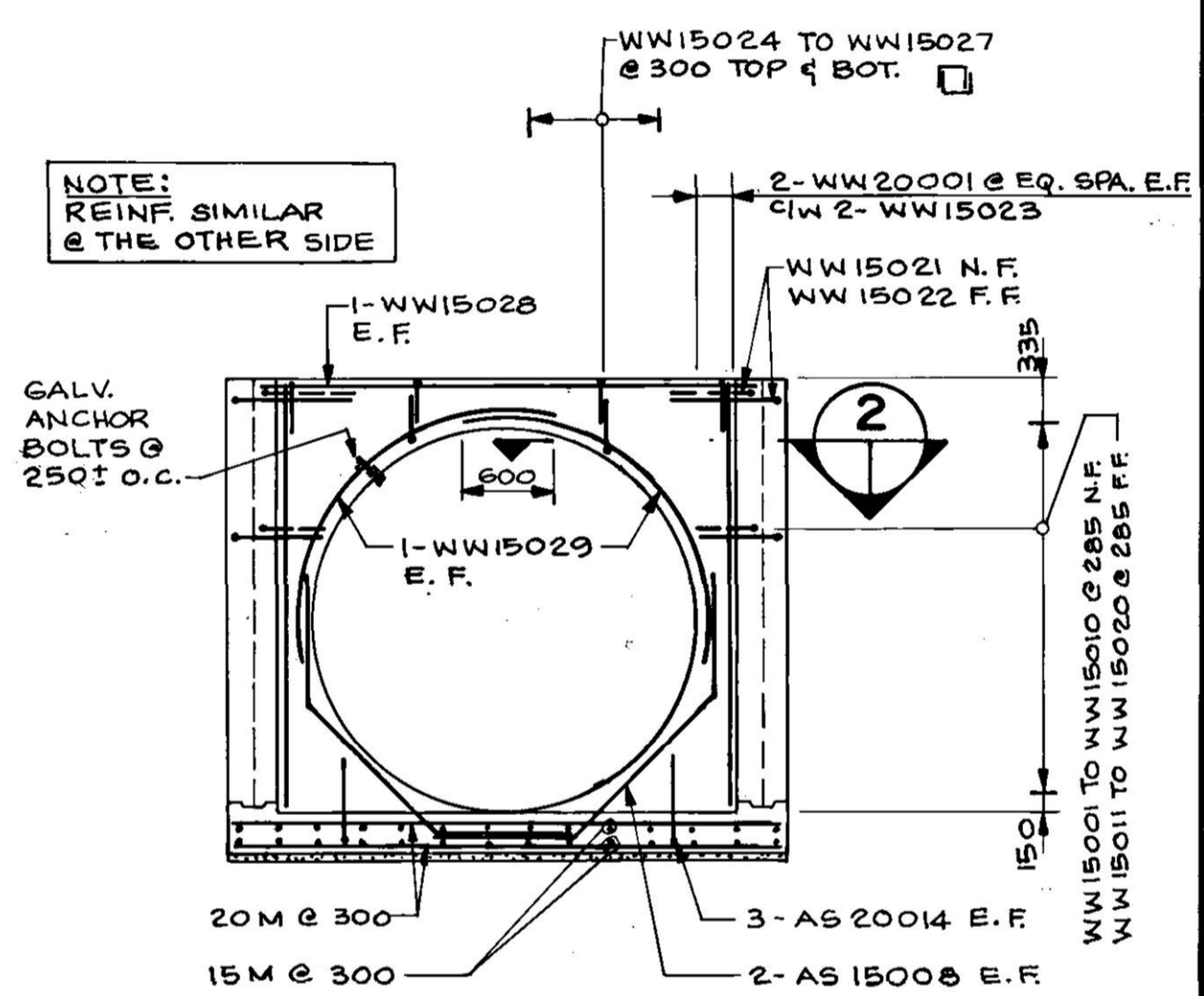
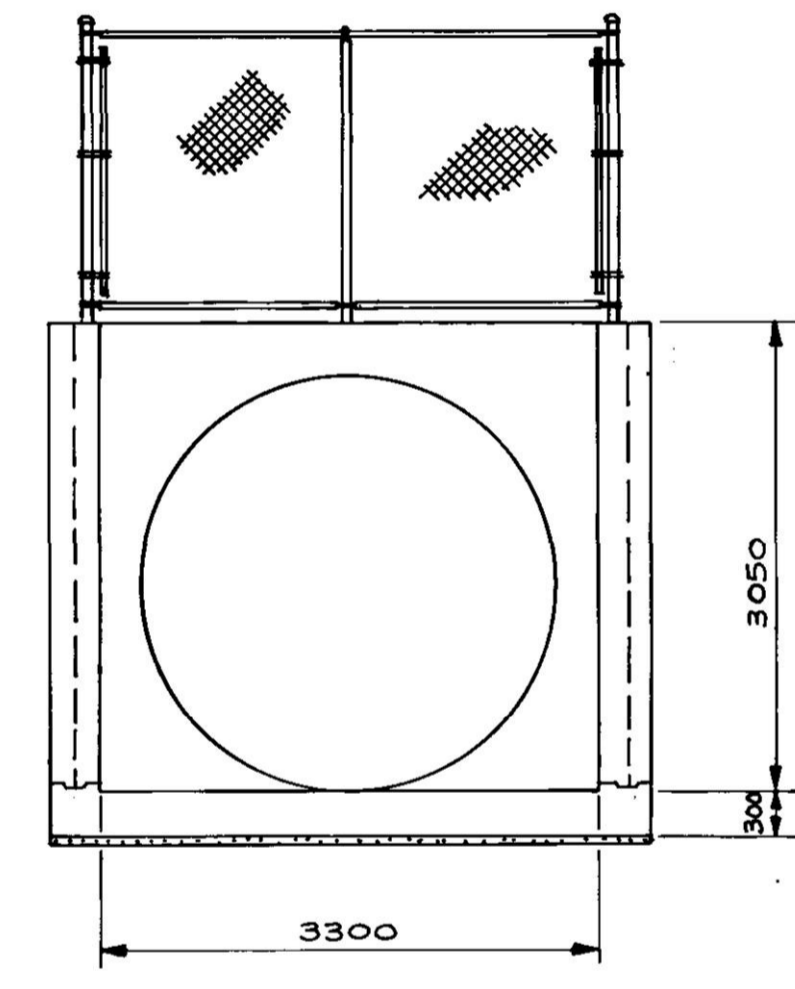
PLAN  
1:50

MARK	NO. BARS	SIZE	LENGTH	SHAPE	MASS
<b>APRON SLAB</b>					
AS20001	2	20	3650		17.2
AS20002	2	20	3870		18.2
AS20003	2	20	4090		19.3
AS20004	2	20	4310		20.3
AS20005	2	20	4530		21.3
AS20006	2	20	4750		22.4
AS20007	2	20	4970		23.4
AS20008	2	20	5190		24.4
AS20009	2	20	5410		25.5
AS20010	2	20	5630		26.5
AS20011	2	20	5850		27.6
AS20012	4	20	6170		58.1
AS20013	52	20	1100		134.7
AS20014	12	20	900		25.4
AS15001	2	15	6170		19.4
AS15002	26	15	3280		133.9
AS15003	4	15	2890		18.1
AS15004	4	15	2040		12.8
AS15005	4	15	1180		7.4
AS15006	4	15	4000		25.1
AS15007	20	15	1150		36.1
AS15008	4	15	3245		20.4
AS10001	20	10	2110		33.1

MARK	NO. BARS	SIZE	LENGTH	SHAPE	MASS
WW20010	4	20	1555		14.6
WW20011	4	20	1400		13.2
WW20012	4	20	1245		11.7
WW20013	4	20	1090		10.3
WW15001	2	15	4600		14.4
WW15002	2	15	4250		13.3
WW15003	2	15	4050		12.7
WW15004	2	15	3900		12.2
WW15005	2	15	3685		11.6
WW15006	2	15	3160		9.9
WW15007	2	15	2655		8.3
WW15008	2	15	2250		7.1
WW15009	2	15	1895		6.0
WW15010	2	15	1840		5.8
WW15011	2	15	4800		15.1
WW15012	2	15	4450		14.0
WW15013	2	15	4250		13.3
WW15014	2	15	4100		12.9
WW15015	2	15	3885		12.2
WW15016	2	15	3360		10.6
WW15017	2	15	2855		9.0
WW15018	2	15	2450		7.7
WW15019	2	15	2095		6.6
WW15020	2	15	2040		6.4
WW15021	2	15	4500		14.1
WW15022	2	15	4700		14.8
WW15023	30	15	800		37.7
WW15024	4	15	600		3.8
WW15025	4	15	900		5.7
WW15026	4	15	1000		6.3
WW15027	4	15	1600		10.0
WW15028	2	15	3300		10.4
WW15029	4	15	2800		17.6
TOTAL MASS FOR INLET STRUCTURE = 1403 Kg.					
TOTAL MASS FOR OUTLET STRUCTURE = 1403 Kg.					
TOTAL MASS FOR BOTH STRUCTURES = 2806 Kg.					



FRONT END ELEVATION  
1:50



HEADWALL ELEVATIONS  
1:50

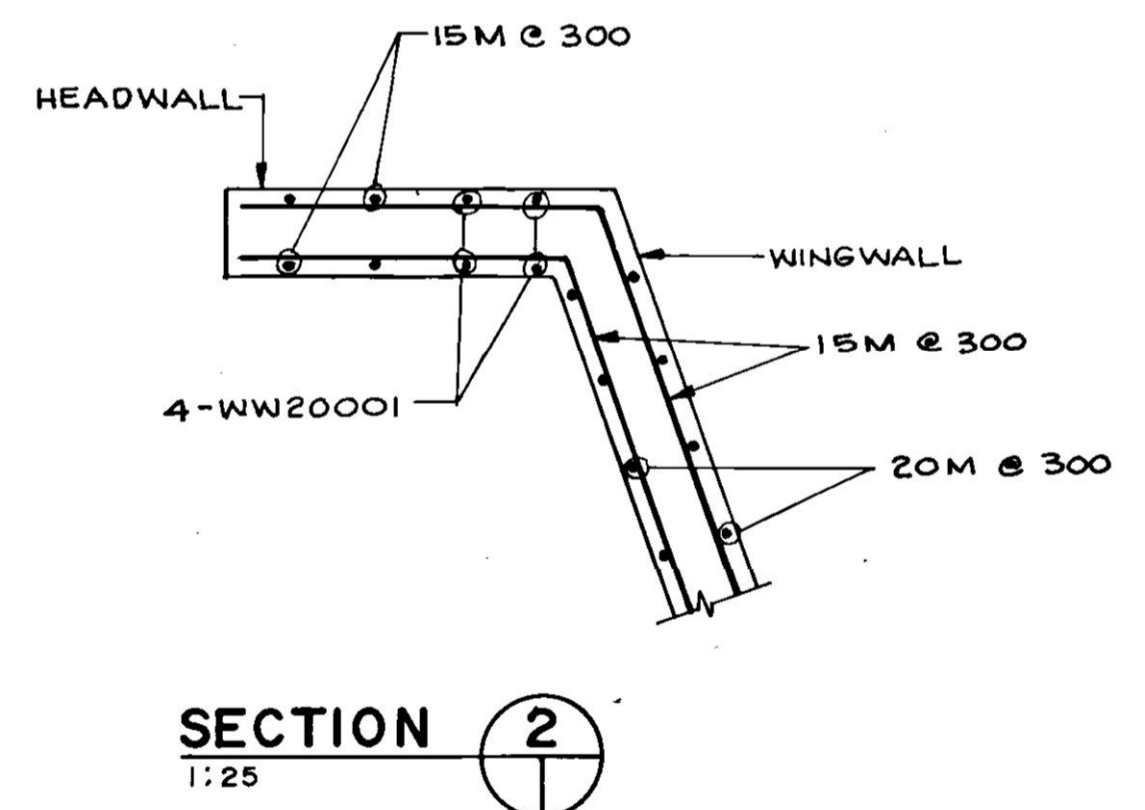
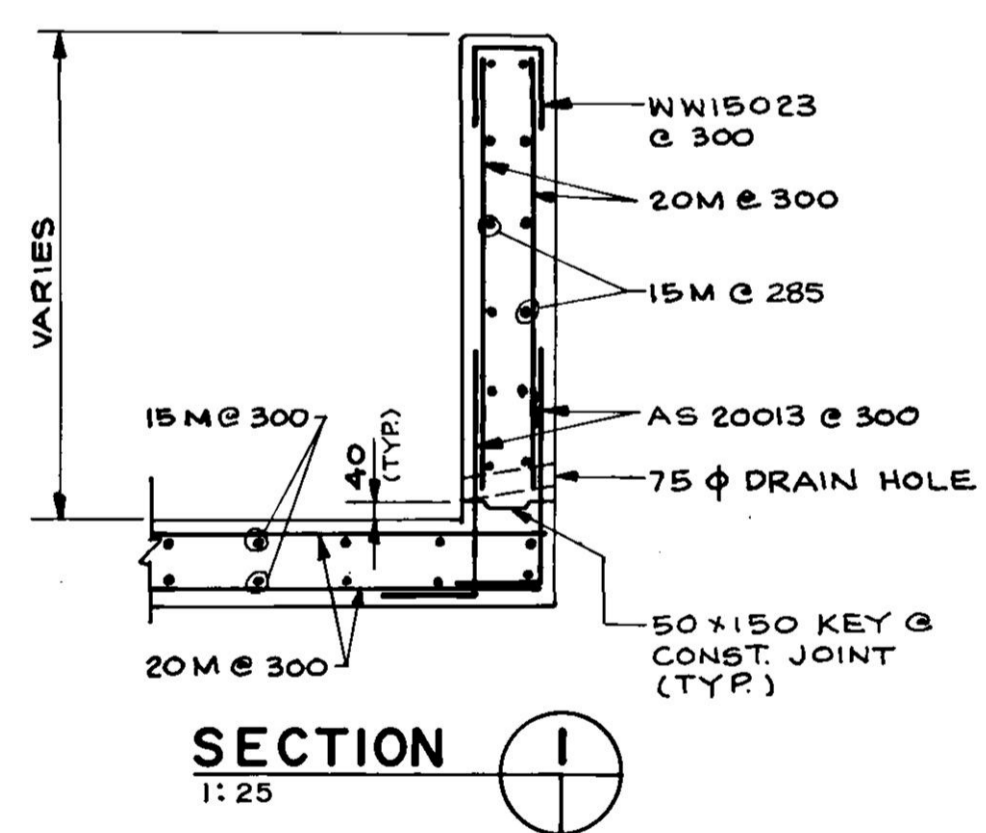
**RECORD DRAWING**

APPROVED BY: *[Signature]* DATE: 23/1/22

*[Signature]* DATE: 25/01/26

**NOTES:**

- 1) CONCRETE:  $f_c = 32 \text{ MPa}$  TYPE 50 CEMENT
- 2) REINFORCING STEEL - CSA G30.12 - M77, GRADE 400.
- 3) CLEAR COVER TO REINFORCEMENT - 50 EXCEPT AS NOTED.
- 4) 20 CHAMFER ON ALL EXPOSED CONCRETE EDGES.
- 5) FORMLINER FOR ALL EXPOSED FORMED SURFACES SHALL BE PLAIN BUFFALO BOARD AS SPECIFIED.



LOCATION APPROVED UNDERGROUND STRUCTURES

N/A

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 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

B.M. ELEV.	NO.	REVISIONS	DATE	BY

**DILLON**  
Consulting Engineers • Planners  
Environmental Scientists

DESIGNED BY: BAN. CHECKED BY: B.A.N.

DRAWN BY: N.B.G. APPROVED BY: *[Signature]*

HOR. SCALE: AS SHOWN

VERTICAL: AS SHOWN

DATE: MAY 1993

ENGINE OF MANITOBA  
23-04-15  
B.A.J. NEIRINCK  
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO.

**THE CITY OF WINNIPEG**  
WORKS AND OPERATIONS DIVISION  
STREETS AND TRANSPORTATION DEPARTMENT

1993 BRIDGE MAINTENANCE  
MISCELLANEOUS CONCRETE  
REHABILITATION WORKS - PHASE II

PORTAGE AVE. AT TRURO CREEK  
INLET AND OUTLET STRUCTURES  
PLAN, ELEVATIONS & SECTIONS

CITY DRAWING NUMBER  
C307-93-02  
SHEET 2 OF 3

B-5928-2