AERATION TANK N° 1

GALLERY & CONDUIT

GALLERY

GALLERY ACCESS 1'-0" SLAB EL. 21.75'.

¼" ALUM. CHECK'D ℄ COVERS, SCREWED DOWN, 2'-6" SQ. (TYP. FOR COVERS BETWEEN GRID LINES 1 & 3.).

3'-10" x 9'-0" CLEAR OPENING.

ALUM. HANDRAILING FOR LOCATION SEE MECHANICAL DWGS & DWG. S111 (TYP).

F.S.T. N° 1

PRIMARY CLARIFIER N° 5
(REFER ALSO TO DWG. S106)

3'-0" SQ. (TYP.)

¼" ALUM. CHECK'D ℄ COVERS, HINGED, 2'-6" SQ. (TYP. FOR COVERS ALONG GALLERY (EXCEPT WHERE SHOWN).

2-¼" ALUM. CHECK'D ℄ COVERS, HINGED 3'-6" x 3'-0" TOTAL.

SLUICE GATE.

¼" ALUM CHECK'D ℄ COVERS, SCREWED DOWN. (TYP).

METER CHAMBER

INFLUENT CONDUIT REFER TO DWG. S107

GALLERY & CONDUITS

ALUM. HANDRAILING FOR LOCATION SEE MECHANICAL DWGS. & DWG. S111. (TYP. AROUND PERIMETER)

℄ MONORAIL ABOVE TROUGHS

EFFLUENT TROUGHS (19 EACH TANK TYP.) (SEE DETAILS DWG. S108).

EFFLUENT CHANNEL

F.S.T. N° 2

PRIMARY CLARIFIER N° 4
(REFER ALSO TO DWG. S106).

SLUICE GATE.

CLARIFIER CONTROL BUILDING.

OPENINGS FOR ROOF DRAINS (TYP).

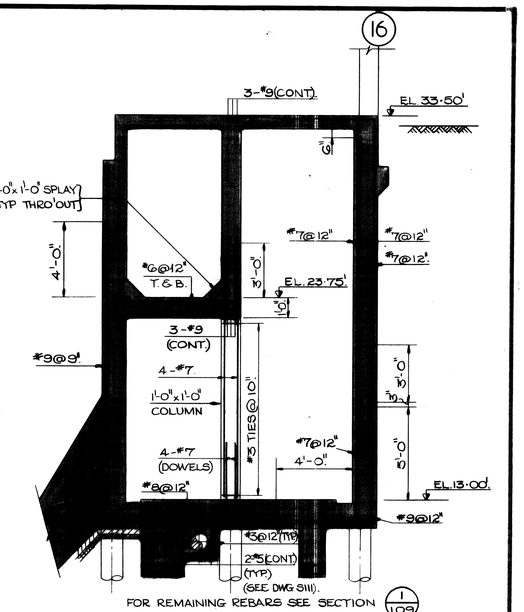
1'-0" SLAB EL. 27.00"

2" SLOPE ON ROOF WATERPROOFING ON TOP.

REINF. CONCRETE SLAB REPLACED EXISTING GRATING AT EL. 34.00'. - FOR DETAILS SEE DWG. S110.

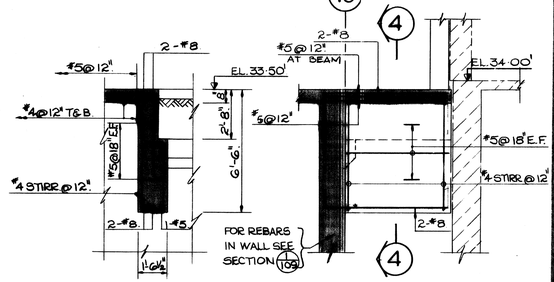
218'-0"

PLAN ABOVE EL. 33.50'
SCALE 1/16" = 1'-0"



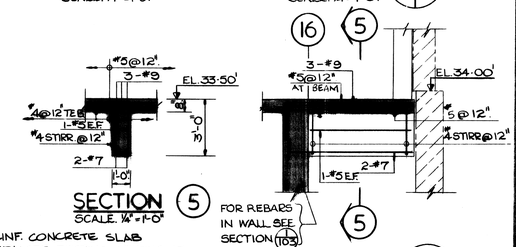
FOR REMAINING REBARS SEE SECTION (1/109)

SECTION (1/101|108)
SCALE. ¼" = 1'-0"



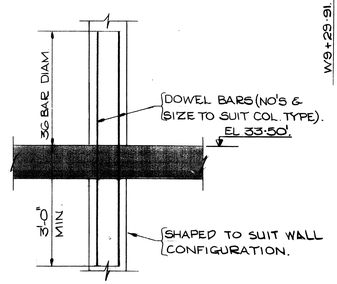
SECTION (4)
SCALE. ¼" = 1'-0"

SECTION (2/103|103)
SCALE. ¼" = 1'-0"



SECTION (5)
SCALE. ¼" = 1'-0"

SECTION (3/103|103)
SCALE. ¼" = 1'-0"



TYPICAL COLUMN DOWEL DETAIL
N.T.S.

FOR COLUMN TYPE SEE DWG. S112.
FOR COLUMN SCHEDULE SEE DWG. S115.
COLUMN DOWELS TO BE PROVIDED TO MATCH COLUMN REINFORCEMENT.
SPLICE LENGTHS TO BE 36 BAR DIAMETERS MINIMUM AND AS SHOWN ON SECTION DRAWINGS.

MICROFILMED MAR 31 1980

PROVINCE OF MANITOBA — G. REMPEL — REGISTERED ENGINEER

REV.	DESCRIPTION	BY	DATE
	AS BUILT C/A ISSUED FOR TENDER		SEPT. 75 15-5-78

CENTRAL FILE | ENGINEERING FILE | DRAWING FILE NUMBER | GRID CO-ORDINATES | MICROFILMED | WORKS & OPERATIONS DEPT. | DATE FILED

W. L. WARDROP & ASSOCIATES LTD.
JAMES F. MacLAREN LIMITED
ENGINEERING CONSULTANTS

DRAWN BY: W.D. | DESIGNED BY: A.L. | CHECKED BY: C.V.W. | APPROVED BY: | DATE:

THE CITY OF WINNIPEG
WORKS & OPERATIONS DEPARTMENT
WATERWORKS, WASTE & DISPOSAL DIVISION

NORTH END WATER POLLUTION CONTROL CENTRE
PRIMARY CLARIFIER ADDITION
STRUCTURAL
PLAN ABOVE EL. 33.50'

SCALE: AS SHOWN
DATE: MAY 1978
CONSULTANT DRAWING NO. 76012-06-S103
CITY DRAWING NO. NEP-234

FILE 10073-10-10293 NR 11110