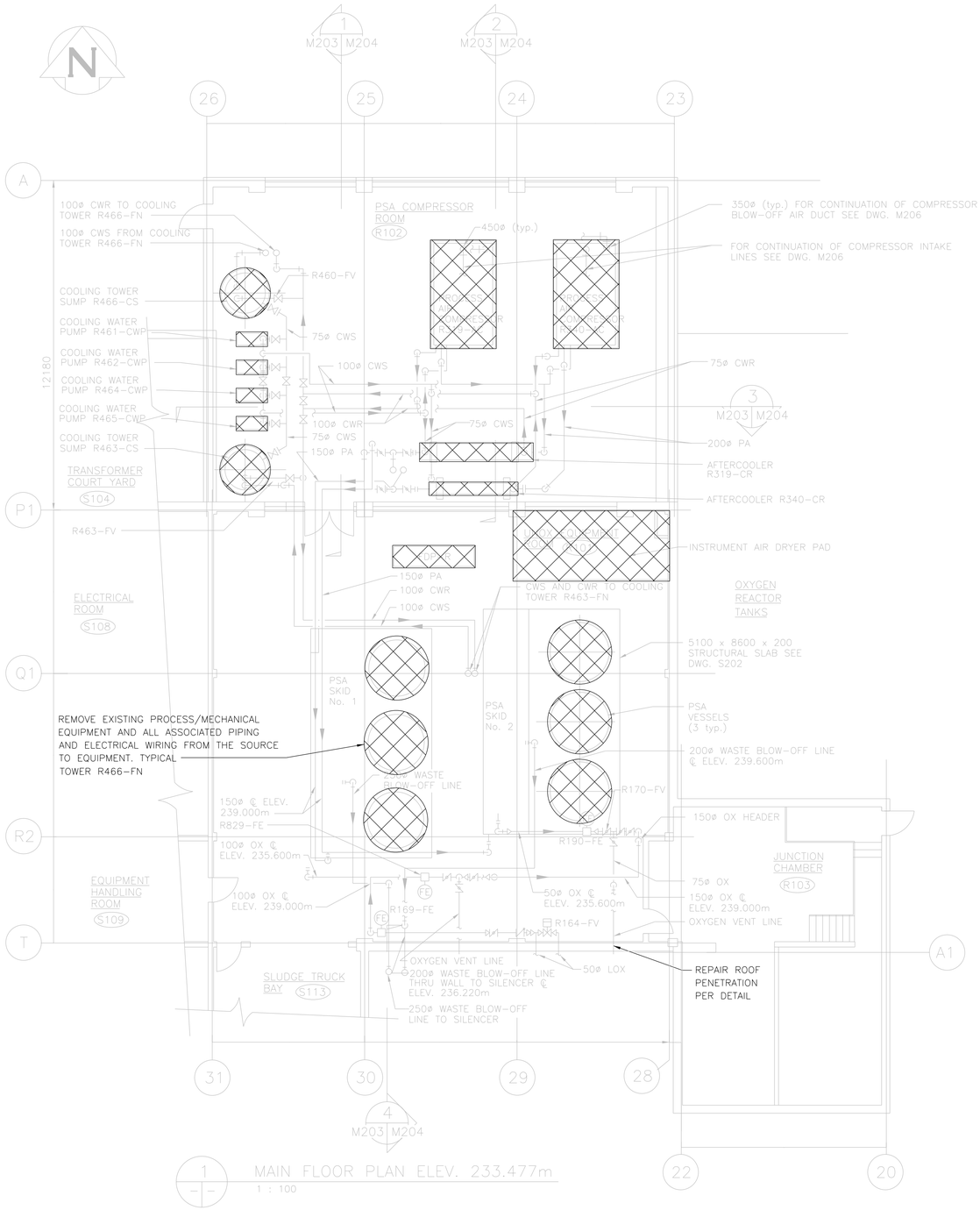
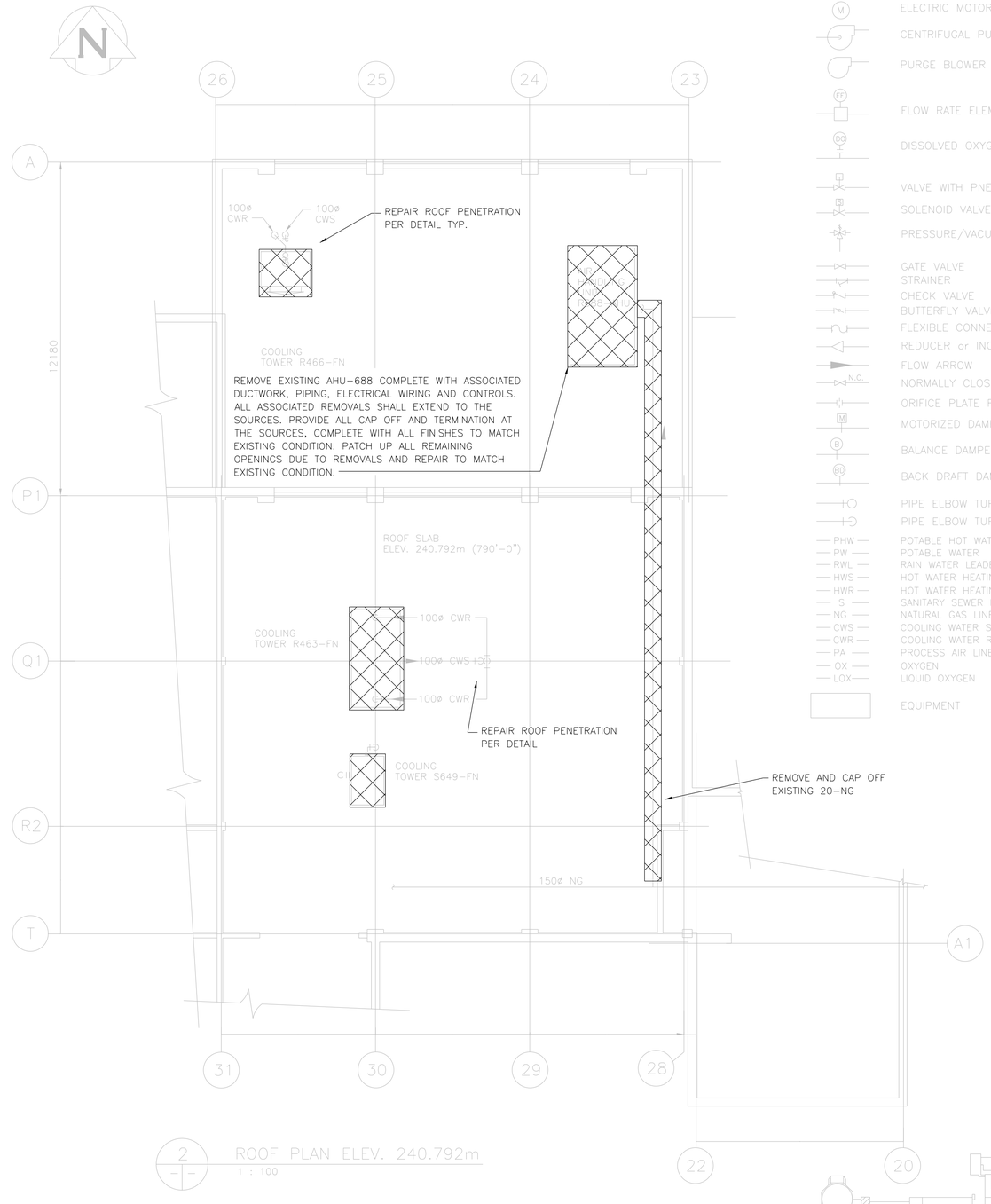


1 MAIN FLOOR PLAN ELEV. 233.477m
1 : 100



2 ROOF PLAN ELEV. 240.792m
1 : 100

LEGEND

- ELECTRIC MOTOR
- CENTRIFUGAL PUMP
- PURGE BLOWER
- FE — FLOW RATE ELEMENT
- DO — DISSOLVED OXYGEN PROBE
- VALVE WITH PNEUMATIC OPERATOR
- SOLENOID VALVE
- PRESSURE/VACUUM RELIEF VALVE
- GATE VALVE
- STRAINER
- CHECK VALVE
- BUTTERFLY VALVE
- FLEXIBLE CONNECTOR
- REDUCER or INCREASER
- FLOW ARROW
- N.C. — NORMALLY CLOSED VALVE
- ORIFICE PLATE FLOW ELEMENT
- M — MOTORIZED DAMPER
- B — BALANCE DAMPER
- BD — BACK DRAFT DAMPER
- PIPE ELBOW TURNED UP
- PIPE ELBOW TURNED DOWN
- PHW — POTABLE HOT WATER
- PW — POTABLE WATER
- RWL — RAIN WATER LEADER
- HWS — HOT WATER HEATING SUPPLY
- HWR — HOT WATER HEATING RETURN
- S — SANITARY SEWER BELOW FLOOR
- NG — NATURAL GAS LINE
- CWS — COOLING WATER SUPPLY
- CWR — COOLING WATER RETURN
- PA — PROCESS AIR LINE
- OX — OXYGEN
- LOX — LIQUID OXYGEN
- EQUIPMENT

KEY PLAN
N.T.S.

NOTES:

1. FOR NEW CONSTRUCTION SEE PROCESS/MECHANICAL PRIMARY SLUDGE FERMENTERS/THICKENERS DRAWINGS.
2. REFER TO GENERAL DEMOLITION NOTES DRAWING 1-0102-DAAA-AD01.
3. ABESTOS CONTAINING MATERIALS MIGHT BE PRESENT IN EXISTING EQUIPMENT AND INSULATION. REFER TO SPECIFICATION SECTIONS 01 35 29, 02 82 11, 02 82 11 12, AND 02 82 13 FOR DETAILS.

AS CONSTRUCTED
DATE SEPTEMBER 1993 BY P.R.B.
APPROVED BY

NO.	REVISIONS	DATE	BY
00	ISSUED FOR CONSTRUCTION - 976-2016	04/05/2017	K.F.

B.M.
ELEV.

MacLAREN ENGINEERS INC.
WARDROP ENGINEERING INC.
ENGINEERING CONSULTANTS

DESIGNED BY S.Q. | CHECKED BY
DRAWN BY V.J.H. | APPROVED BY
HOR. SCALE: 1:100 VERTICAL: | RELEASED FOR CONSTRUCTION:
DATE JANUARY 1990 | DATE

ORIGINALLY DESIGNED BY
PROVINCE OF MANITOBA — T.T. TRAN — Member 40578 — REGISTERED PROFESSIONAL ENGINEER — April 13/17
CONSULTANT DRAWING NO. 870012-01-22-R-M203

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

SOUTH END WATER POLLUTION CONTROL CENTRE
PSA EXPANSION – MECHANICAL
COMPRESSOR AND UNOX ROOM MECHANICAL LEGEND, FLOOR AND ROOF PLANS – PROCESS PIPING

CITY DRAWING NUMBER
SHEET OF
SEP-373