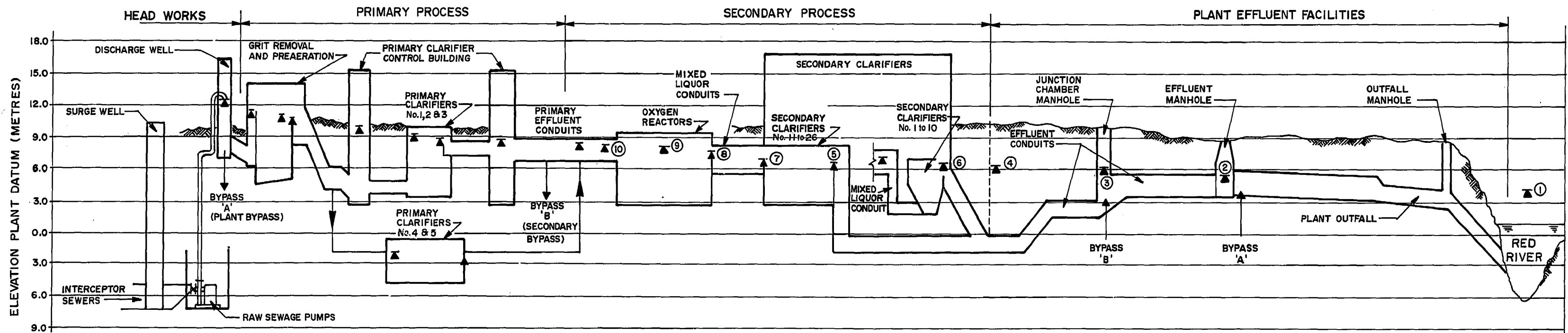


**SITE PLAN**  
SCALE 1:1250

**BENCH MARKS - PLANT DATUM**  
 BM<sub>1</sub> ELEV 10.546m  
 S.E. CORNER OF MAIN BUILDING  
 BM<sub>2</sub> ELEV 9.784m  
 BOLT ON RIM OF PRIMARY CLARIFIER TANK NO. 3



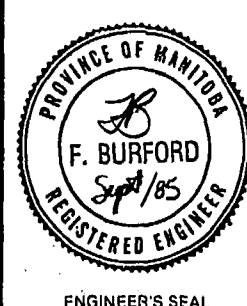
**HYDRAULIC PROFILE**  
N.T.S.

- LEGEND**
- 1 - RED RIVER FLOOD LEVEL 4.33
  - 2 - EFFLUENT MANHOLE 5.67
  - 3 - JUNCTION CHAMBER MANHOLE 6.06
  - 4 - EFFLUENT CONDUIT AT EFFLUENT STRUCTURE 6.14
  - 5 - EFFLUENT CONDUIT JUST DOWNSTREAM OF SECONDARY CLARIFIERS 11 TO 26 WEIRS 6.51
  - 6 - EFFLUENT CONDUIT JUST DOWNSTREAM OF SECONDARY CLARIFIERS 1 TO 10 WEIRS 6.30
  - 7 - MIXED LIQUOR CONDUIT AT SECONDARY CLARIFIER No. 26 INLET 7.35
  - 8 - MIXED LIQUOR CONDUIT JUST DOWNSTREAM OF REACTOR TANK OVERFLOW WEIRS 7.798
  - 9 - OXYGEN REACTOR TANKS 8.039
  - 10 - PRIMARY EFFLUENT CONDUIT AT REACTOR No. 3 INLET 8.349

**NOTE**  
 H.G.L. BASED ON 1994 PEAK FLOW CONDITIONS (827 ML/D THROUGH PRIMARY PROCESS AND 600 ML/D THROUGH SECONDARY PROCESS) AND A RED RIVER FLOOD LEVEL OF 4.33

AS - BUILT		
DATE	FB NO.	PAGE
APR. 88		

NO.	REVISIONS	DATE	APP.
2	AS CONSTRUCTED	APR. 88	[Signature]
1	ISSUED FOR TENDER	SEPT/85	[Signature]
0	ISSUE FOR CLIENT REVIEW	FEB/85	[Signature]



**W.L. WARDROP & ASSOCIATES LTD.**  
**MacLAREN ENGINEERS INC.**

DESIGNED BY: FB  
 DRAWN BY: CVC  
 CHECKED BY: VM  
 DATE: SEPT 1985

APPROVED BY: [Signature]  
 DATE: Sept/85

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

**NORTH END WATER POLLUTION CONTROL CENTRE**  
**SECONDARY TREATMENT EXPANSION**  
**SECONDARY CLARIFIERS - GENERAL**  
**SITE PLAN AND HYDRAULIC PROFILE**

RELEASED FOR CONSTRUCTION: [Signature] DATE: 1985 09 12  
 SCALE: AS SHOWN DRAWING NO: NEP 1368

**METRIC**  
 WHOLE NUMBERS INDICATE MILLIMETRES  
 DECIMALIZED NUMBERS INDICATE METRES