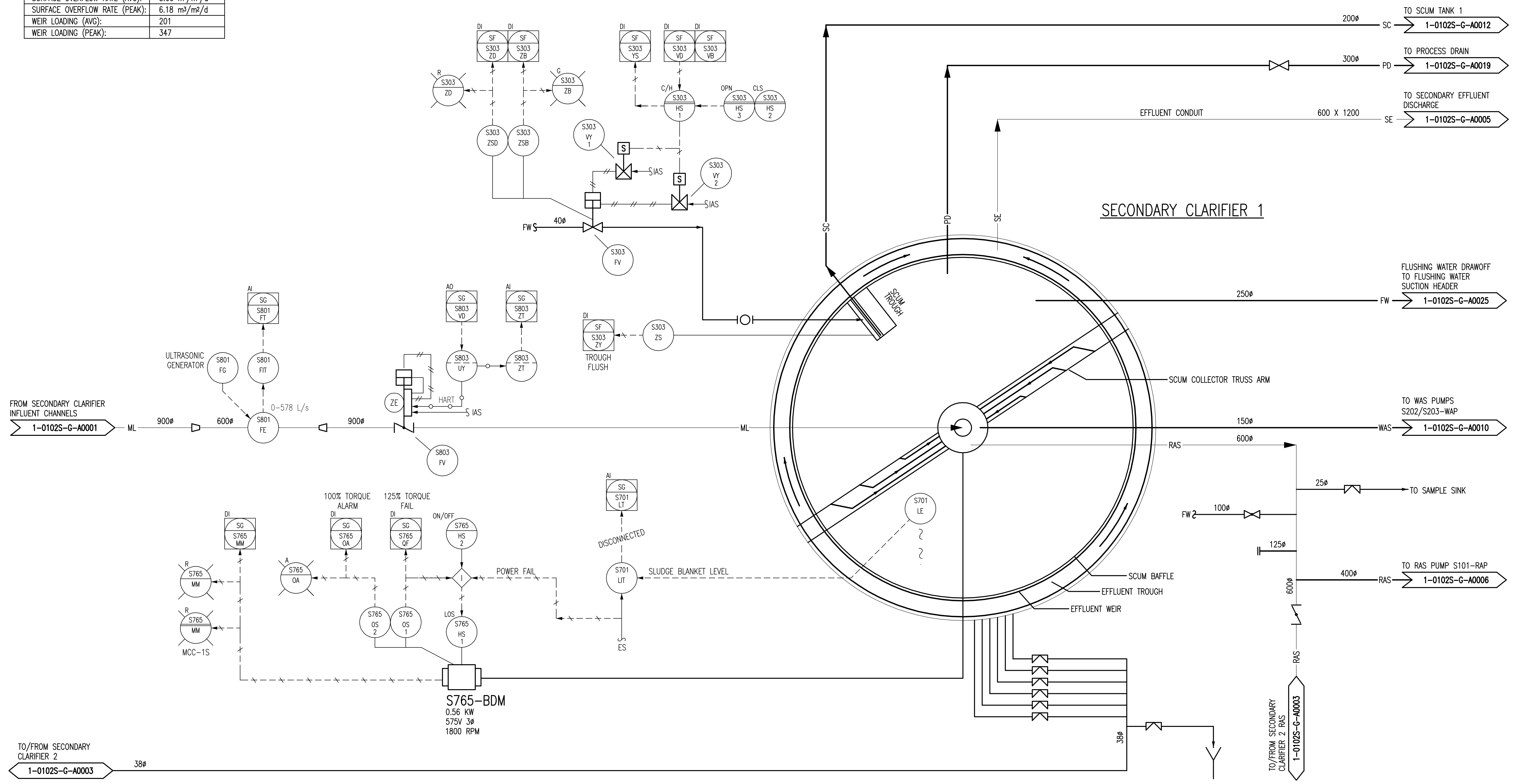


SECONDARY CLARIFIER 1	
DIAMETER:	33.5 m
SIDE WALL DEPTH:	4.6 m
VOLUME:	4048 m ³
SURFACE AREA:	880 m ²
WEIR LENGTH:	105 m
FLOW DISTRIBUTION:	25%
DETENTION TIME (AVG):	6.70 HR
DETENTION TIME (PEAK):	3.89 HR
SURFACE OVERFLOW RATE (AVG):	3.66 m ³ /m ² /d
SURFACE OVERFLOW RATE (PEAK):	6.18 m ³ /m ² /d
WEIR LOADING (AVG):	201
WEIR LOADING (PEAK):	347



- NOTES:**
- THIS DRAWING SUPERSEDES PORTIONS OF DRAWINGS SEP-501 AND SEP-505.
 - ALL INSTRUMENTS SHOWN IN AN AUXILIARY LOCATION ARE IN THE ASSOCIATED PANEL LABELLED "SCUM TROUGH FLUSHING CONTROL S303" LOCATED ON THE MAIN FLOOR WALKWAY BETWEEN THE CLARIFIERS.

B.M. ELEV.	FIELD BOOK #:			ENGINEER'S SEAL	
POSTED TO LBS		DESIGNED BY	EXISTING	CHECKED BY	EFB
		DRAWN BY	EFB	APPROVED BY	CJR
		HOR. SCALE	NTS	RELEASED FOR CONSTRUCTION	
		VERTICAL		DATE	
00	ISSUED FOR CITY USE	2007/02/26	EFB	DATE	2006/03/23
NO.	REVISIONS	DATE	BY	FILENAME:	1-0102S-G-A0002-001-000.DWG

THE CITY OF WINNIPEG
 WATER AND WASTE DEPARTMENT
 SOUTH END WATER POLLUTION CONTROL CENTRE
 SECONDARY CLARIFIERS
 PROCESS & INSTRUMENTATION DIAGRAM
 CLARIFIER 1
 CITY DRAWING NUMBER: 1-0102S-G-A0002
 SHEET: 001
 REV: 00
 SIZE: D

1-0102A-D-A0001	PROCESS & INSTRUMENT DIAGRAMS LEGEND & DETAILS
DRAWING NUMBER	REFERENCE DRAWINGS