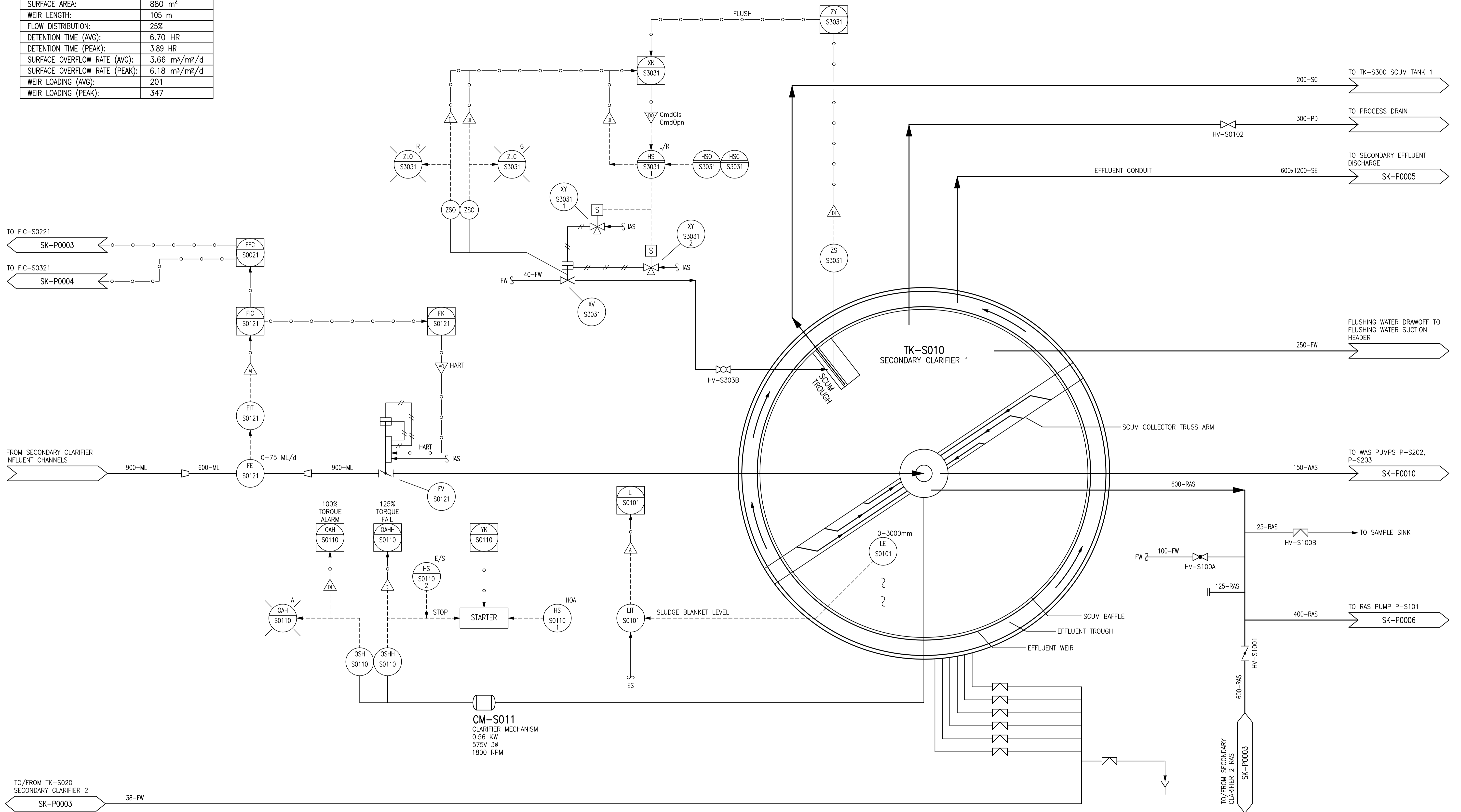


TK-S010 SECONDARY CLARIFIER 1	
DIAMETER:	33.5 m
SIDE WALL DEPTH:	4.6 m
VOLUME:	4048 m ³
SURFACE AREA:	880 m ²
WEIR LENGTH:	105 m
FLOW DISTRIBUTION:	25%
DETENTION TIME (AVG):	6.70 HR
DETENTION TIME (PEAK):	3.89 HR
SURFACE OVERFLOW RATE (AVG):	3.66 m ³ /m ² /d
SURFACE OVERFLOW RATE (PEAK):	6.18 m ³ /m ² /d
WEIR LOADING (AVG):	201
WEIR LOADING (PEAK):	347



SK-P0001	PROCESS & INSTRUMENTATION DIAGRAM LEGEND & DETAILS
DRAWING NUMBER	REFERENCE DRAWINGS

NOTES:
1. THIS DRAWING REPRESENTS A CONCEPTUAL INSTALLATION ONLY FOR THE PURPOSE OF CONTROL SYSTEM SELECTION.



NO.	REVISIONS	DATE	DESIGN	CHECK
00	ISSUED FOR TENDER	2013/10/30	CJR	BJC

DESIGNED BY:	C. REIMER
CHECKED BY:	B. CLEVEN
DRAWN BY:	M.J. PERSSON
APPROVED BY:	C. REIMER
SCALE:	NTS
DATE:	2013/08/07
CONSULTANT NO.:	

ENGINEER'S SEAL
PRELIMINARY
NOT TO BE
USED FOR
CONSTRUCTION

DEMONSTRATION SYSTEM SECONDARY CLARIFIERS PROCESS & INSTRUMENTATION DIAGRAM CLARIFIER 1	
CITY DRAWING NUMBER	SK-P0002
SHEET	001
REV.	00
SIZE	A1