

NOTES

- UV MODULES PROVIDED BY CITY, INSTALLED BY CONTRACTOR. REFER TO MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- USE HILTI HY150 ADHESIVE TYPE SS ANCHORS TO FIX EQUIPMENT TO CONCRETE IN SUBMERGED LOCATIONS.
- PROVIDE BALL VALVE THAT IS ACCESSIBLE FROM THE PROCESS FLOOR ON EACH DROP LEG TO ISOLATE SPRAY NOZZLES. CONTRACTOR TO FIELD RUN PIPING FROM EXISTING FLUSHING WATER PUMPS.
- 25mm PVC Sch 80 CW TWO SPIRAL NOZZLES (TYP 3 LOCATIONS ON EACH CHANNEL). SEE U1-D401.
- 4 - 13Ø HYDRAULIC HOSES SUPPLIED BY UV MANUFACTURER. TO RUN FROM THE HYDRAULIC SYSTEM CENTRES TO EACH OF THE LAMP BANKS AS PER UV MANUFACTURER'S SHOP DRAWINGS. INSTALLATION TO BE PERFORMED BY QUALIFIED TRADESPEOPLE WITH A MINIMUM OF 5 YEARS OF CONTINUOUSLY PERFORMING SIMILAR INDUSTRIAL HYDRAULIC INSTALLATIONS. COORDINATE WITH OTHER DISCIPLINES AS REQUIRED. SUPPORTS FOR HYDRAULIC HOSES TO BE SPACED AS REQUIRED AND APPROVED BY CONTRACT ADMINISTRATOR PRIOR TO INSTALLATION. REFER TO PROCESS DRAWING U1-D401 FOR DETAILS.
- CONTRACTOR TO RELOCATE MISCELLANEOUS ITEMS AS REQUIRED FOR INSTALLATION OF UV SYSTEM. COORDINATE WITH OTHER DISCIPLINES AND CONTRACT ADMINISTRATOR PRIOR TO RELOCATION.

3 SECTION
P2.02 SCALE 1:50

REVISION 04 CHANGES THE ENGINEER'S DESIGN RESPONSIBILITIES ARE LIMITED TO THE CHANGES INDICATED IN THE CLOUDED WORK			
DESIGNED BY:	IG	CHECKED BY:	PB
DRAWN BY:	ES	APPROVED BY:	NW
DATE:	2025-04-17	RELEASED FOR CONSTR. DATE:	

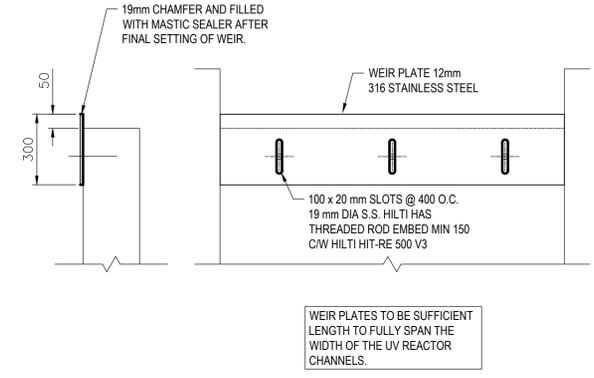


NO.	REVISIONS	DATE	DESIGN	CHECK
04	ISSUED FOR ADDENDUM 5	2025-04-17	IG	PB
03	ISSUED FOR TENDER	2025-02-26	IG	PB
02	AS-CONSTRUCTED DRAWING	08/10/16	CGL	HSH
01	ISSUED FOR CONSTRUCTION	05/06/08	CGL	HSH
00	ISSUED FOR TENDER	05/02/18	CGL	HSH

AECOM

DESIGNED BY:	IG	CHECKED BY:	PB
DRAWN BY:	ES	APPROVED BY:	NW
SCALE:	NONE	RELEASED FOR CONSTRUCTION BY:	T. KJARTANSON
DATE:	2023-07-24	DATE:	2005-02-18
CONSULTANT NO.:	66303D-CP2.04		

1 WEIR PLATE DETAIL
SCALE N.T.S.



THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

NEWPCC - SECONDARY EFFLUENT
UV DISINFECTION FACILITY
PROCESS
UV CHANNEL DETAILS

CITY DRAWING NUMBER	SHEET	REV.	SIZE
1-0101U-P0025-001-02	-	04	A1