

**REPUBLIC  
ARCHITECTURE  
INC**

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WWW.MCW.COM ENG. JOB NO. 10-19-100

revisions	date

project	project

## FISH LAB RENOVATION FACILITY FOR INTELLIGENT MARINE SYSTEMS

B.I.O., DARTMOUTH, NS

drawing	dessin

## GROUND FLOOR - VENTILATION REVISIONS

designed	conçu
T.R.M.	

date	
10/18/21	

drawn	dessiné
K.R.	

date	
10/18/21	

approved	approuvé
T.R.M.	

date	
10/18/21	

Tender	Soumission
IAN SCELES	

PWGSC Project Manager	Administrateur de projets TPSGC

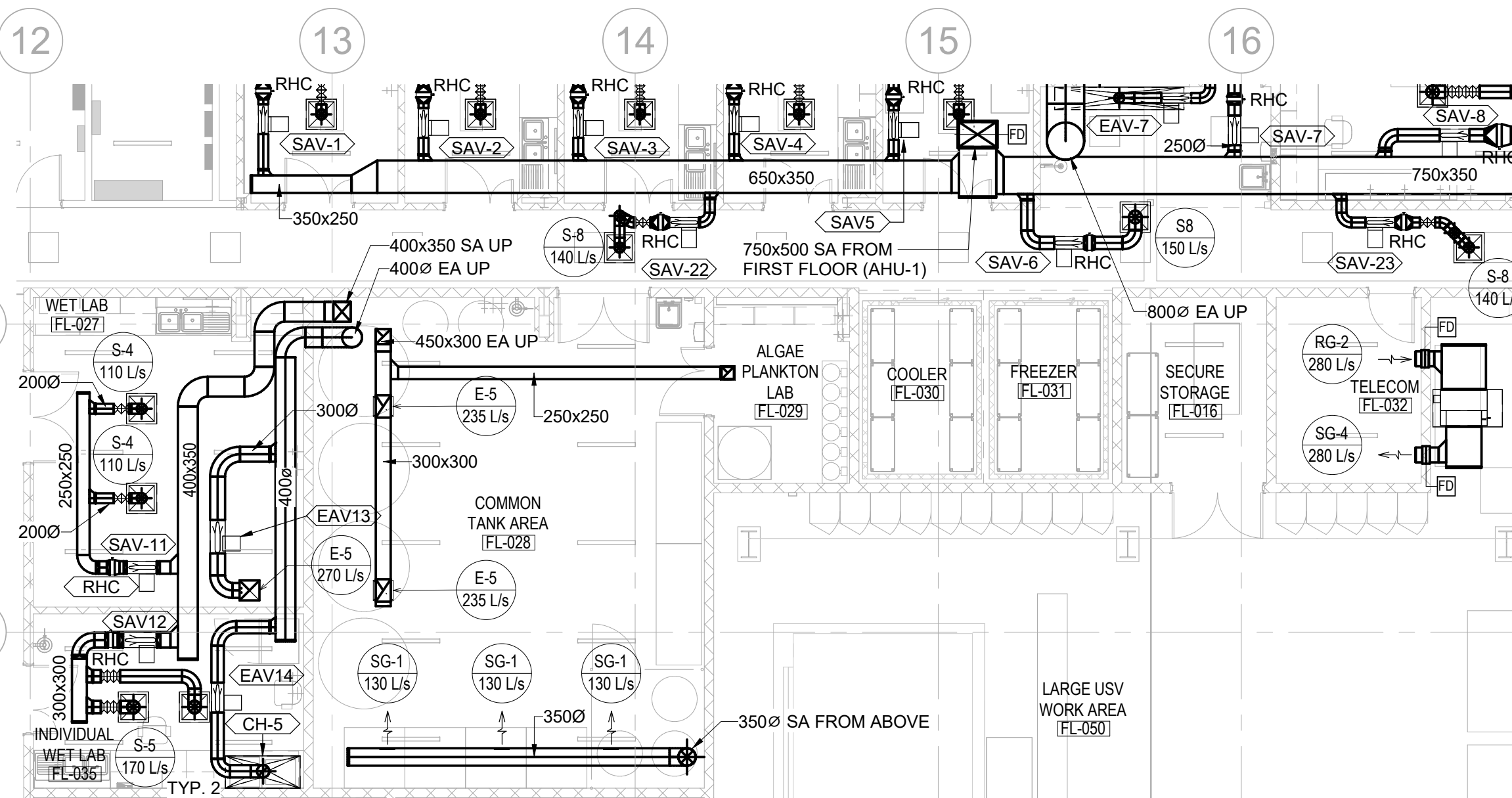
project number	no. du projet

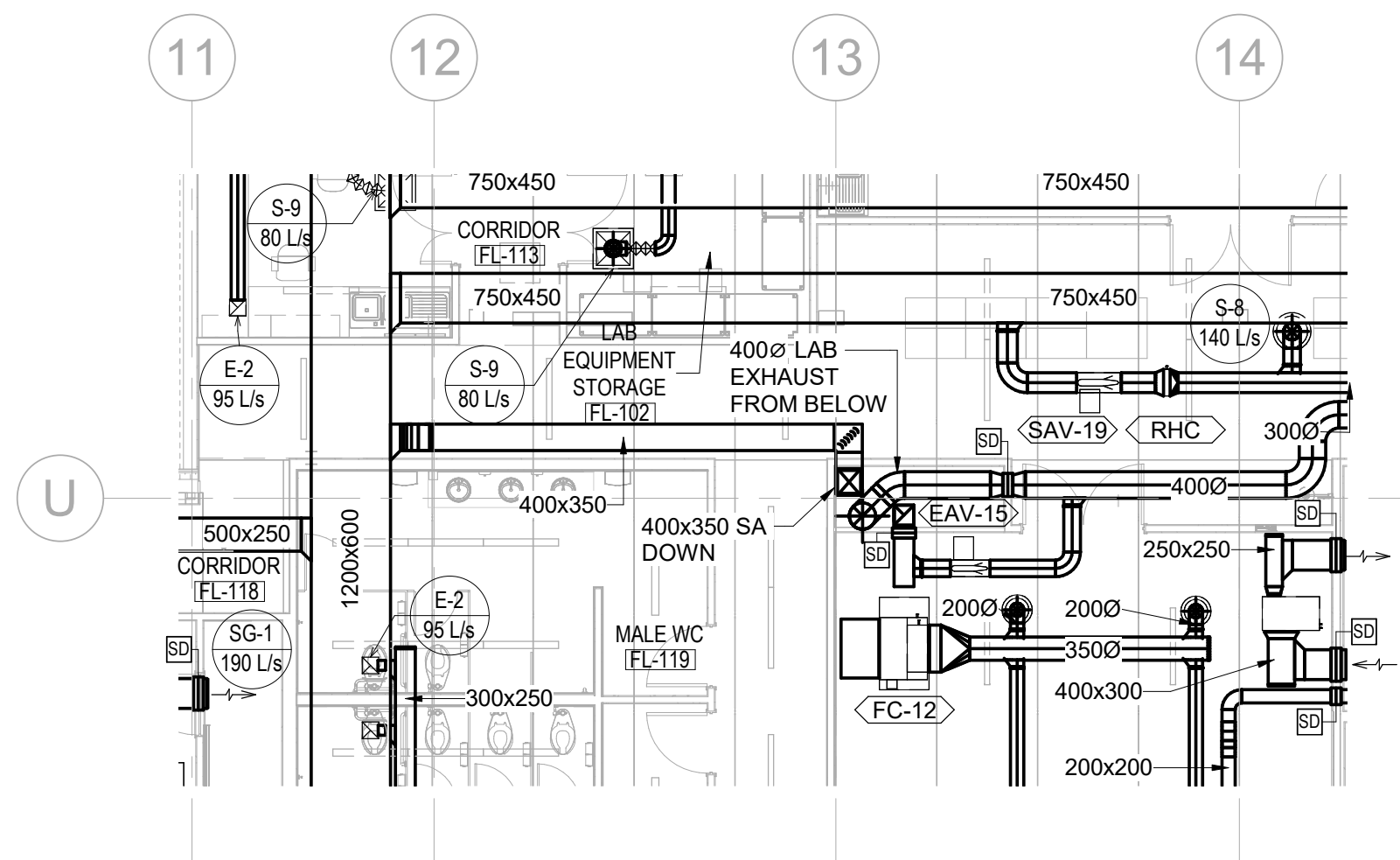
R.089911.001

drawing no.	no. du dessin

SKM-5

E-DRM/GDD-E: 553111





revisions		date

# FISH LAB RENOVATION FACILITY FOR INTELLIGENT MARINE SYSTEMS

B.I.O.. DARTMOUTH. NS

drawing FIRST FLOOR -  
VENTILATION REVISIONS dessin

designed	T.R.M.	conçu
date	10/18/21	
drawn	K.R.	dessiné
date	10/18/21	
approved	T.R.M.	approuvé
date	10/18/21	

Gender	Submission
IAN SCELES	

PWGSC Project Manager	Administrateur de projets TPSGC
project number	no. du projet

R.089911.001

drawing no.	no. du dessin
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SKM-6

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revisions	date

project	project

## FISH LAB RENOVATION FACILITY FOR INTELLIGENT MARINE SYSTEMS

B.I.O., DARTMOUTH, NS

drawing	dessin

### GROUND FLOOR - HEATING REVISIONS

designed	T.R.M.	conçu

date	10/19/21

drawn	K.R.	dessiné

date	10/19/21

approved	T.R.M.	approuvé

date	10/19/21

Tender	IAN SCELES	Soumission

PWGSC Project Manager	Administrateur de projets TPSGC

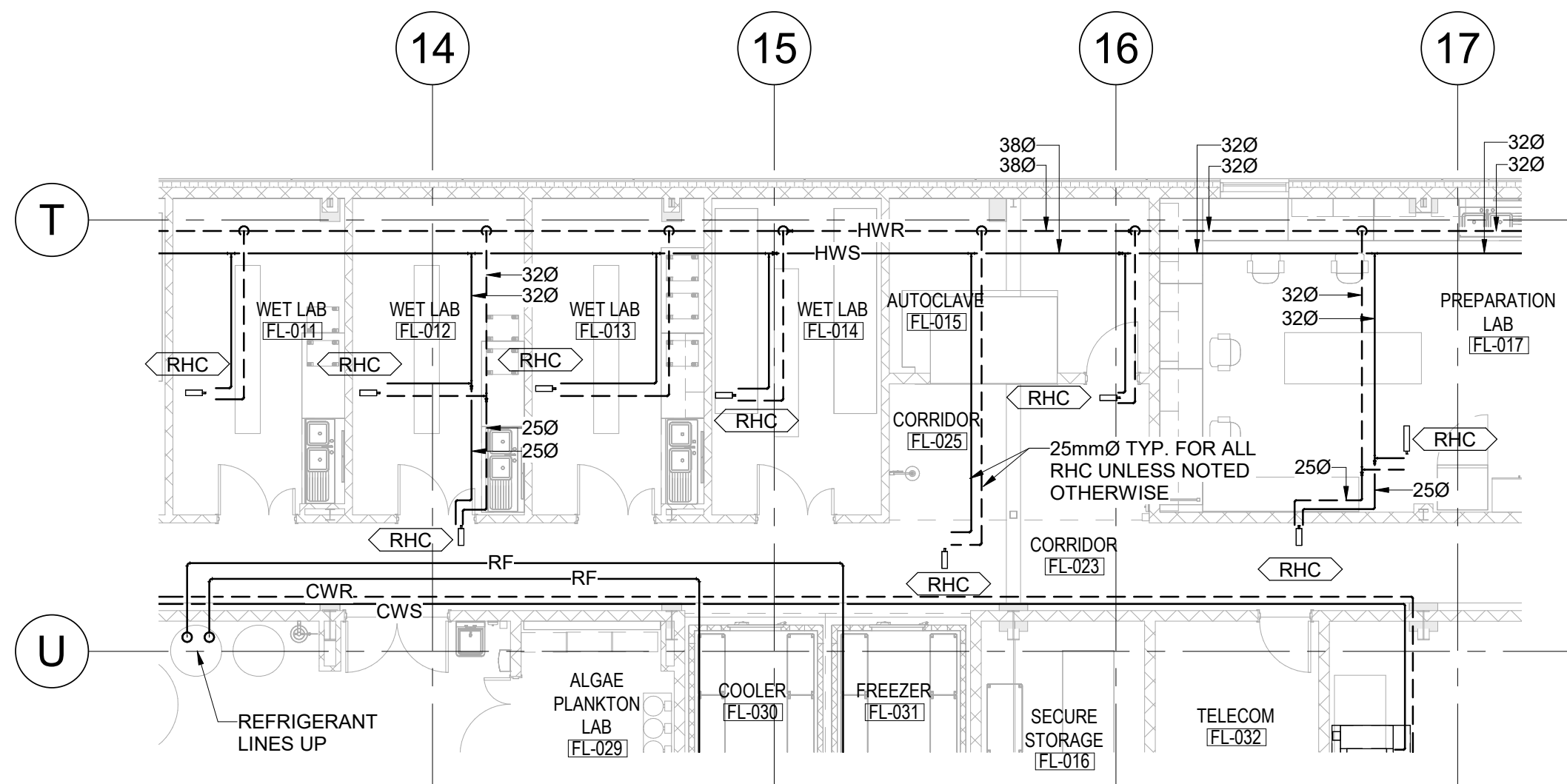
project number	no. du projet

R.089911.001

drawing no.	no. du dessin

SKM-7

E-DRM/GDD-E: 553111



SAV SCHEDULE

TAG	ROOMS SERVED	ROOMS SERVED	SIZE	AIRFLOW (L/S)		HEATING COIL				FLOW (L/S)
				MIN	MAX	EAT C	LAT C	EWI C	Kw	
SAV-1	FL-010	WET LAB	200	45	115	12	28	37	2.6	0.11
SAV-2	FL-011	WET LAB	200	45	115	12	28	37	2.6	0.11
SAV-3	FL-012	WET LAB	200	45	115	12	28	37	2.6	0.11
SAV-4	FL-013	WET LAB	200	45	115	12	28	37	2.6	0.11
SAV-5	FL-014	WET LAB	200	45	115	12	28	37	2.6	0.11
SAV-6	FL-025	CORRIDOR	200	60	150	12	28	37	3.2	0.14
SAV-7	FL-015	AUTOCLAVE	200	55	120	12	28	37	2.6	0.11
SAV-8	FL-017	PREPERATION LAB	300	170	380	12	28	37	7.6	0.34
SAV-9	FL-019	DISECTION	200	115	235	12	28	37	4.8	0.21
SAV-10	FL-018	OVEN ROOM	300	120	480	12	28	37	10.5	0.47
SAV-11	FL-027	WET LAB	250	110	220	12	28	37	4.6	0.20
SAV-12	FL-035	INDIVIDUAL WET LAB	300	65	335	12	28	37	5.3	0.24
SAV-13	FL-028	COMMON TANK	300	255	390	12	28	37	5.3	0.24
SAV-14	FL-101	DRY LAB	150	40	80	12	28	37	0.9	0.03
SAV-15	FL-103	DRY LAB	150	40	80	12	28	37	0.9	0.03
SAV-16	FL-104	DRY LAB	250	40	225	12	28	37	4.86	0.22
SAV-17	FL-102	STORAGE	150	60	60	12	28	37	0.9	0.03
SAV-18	FL-114	CORRIDOR	250	280	280	12	28	37	5.86	0.26
SAV-19	FL-105	COMMON DRY LAB	250	150	240	12	28	37	4.95	0.22
SAV-20	FL-106	EXPERIMENTAL DRY LAB	250	100	240	12	28	37	4.95	0.22
SAV-21	FL-001	QUARANTINE	200	130	130	-	-	-	-	-
SAV-22	FL-023	CORRIDOR	200	140	140	12	28	37	2.7	0.12
SAV-23	FL-023	CORRIDOR	200	140	140	12	28	37	2.7	0.12

NOTES:  
ALL VALVES TO BE VENTURI AIR VALVES C/W MECHANICALLY PRESSURE INDEPENDENT SPRING.

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revisions		date
project		projet

FISH LAB RENOVATION  
FACILTY FOR INTELLIGENT  
MARINE SYSTEMS  
  
B.I.O., DARTMOUTH, NS

drawingdessin

SAV SCHEDULE  
REVISIONS

designed	T.R.M.	conçu
date	10/19/21	
drawn	K.R.	dessiné
date	10/19/21	
approved	T.R.M.	approuvé
date	10/19/21	

TenderSoumission  
IAN SCELES  
PWGSC Project ManagerAdministrateur de projets TPSGC

project numberno. du projet  
R.089911.001

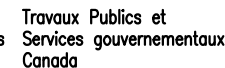
drawing no.no. du dessin

SKM-8

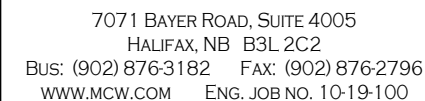
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ALL VALVES TO BE VENTURI AIR VALVES C/W MECHANICALLY PRESSURE INDEPENDENT SPRING.



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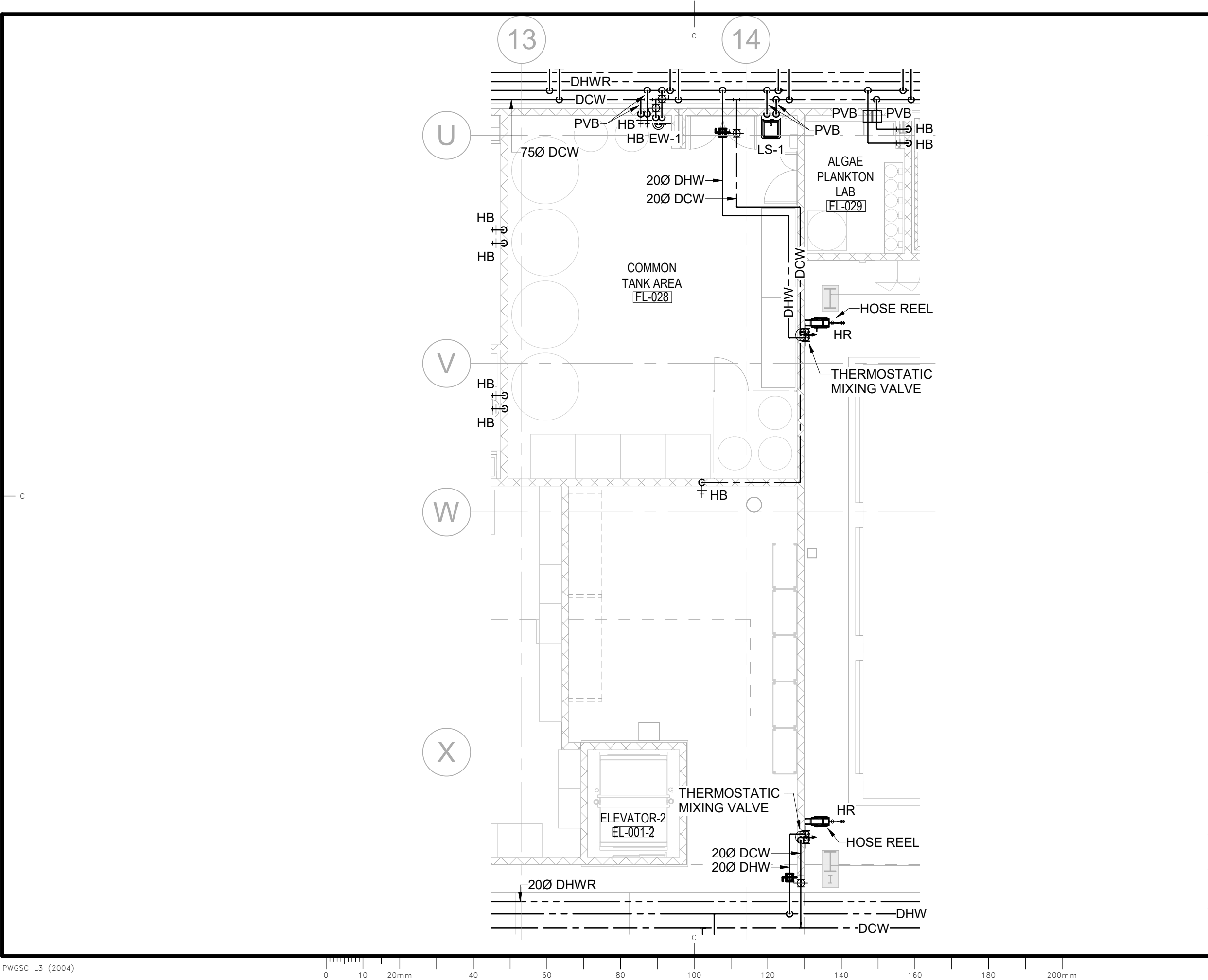
project	project
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**B.I.O., DARTMOUTH, NS**

## EAV SCHEDULE REVISIONS

**R.089911.001**

# SKM-9



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revisions	date

**FISH LAB RENOVATION  
FACILITY FOR  
INTELLIGENT MARINE  
SYSTEMS**

**B.I.O., DARTMOUTH, NS**

**GROUND FLOOR -  
DOMESTIC SERVICES  
REVISIONS TO HOSE  
REEL PIPING**

designed	T.R.M.	conçu
date	10/19/21	
drawn	K.R.	dessiné
date	10/19/21	
approved	T.R.M.	approuvé
date	10/19/21	

Tender  
**IAN SCELES**  
PWGSC Project Manager  
Administrateur de projets TPSGC

project number  
**R.089911.001**  
no. du projet

drawing no.  
**SKM-10**  
no. du dessin

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**FISH LAB RENOVATION  
FACILITY FOR  
INTELLIGENT MARINE  
SYSTEMS**

**B.I.O., DARTMOUTH, NS**

**GROUND AND FIRST  
FLOOR - DOM. SERVICES  
PIPE SIZE REVISIONS**

designed T.R.M. conçu  
date 10/19/21

drawn K.R. dessiné  
date 10/19/21

approved T.R.M. approuvé  
date 10/19/21

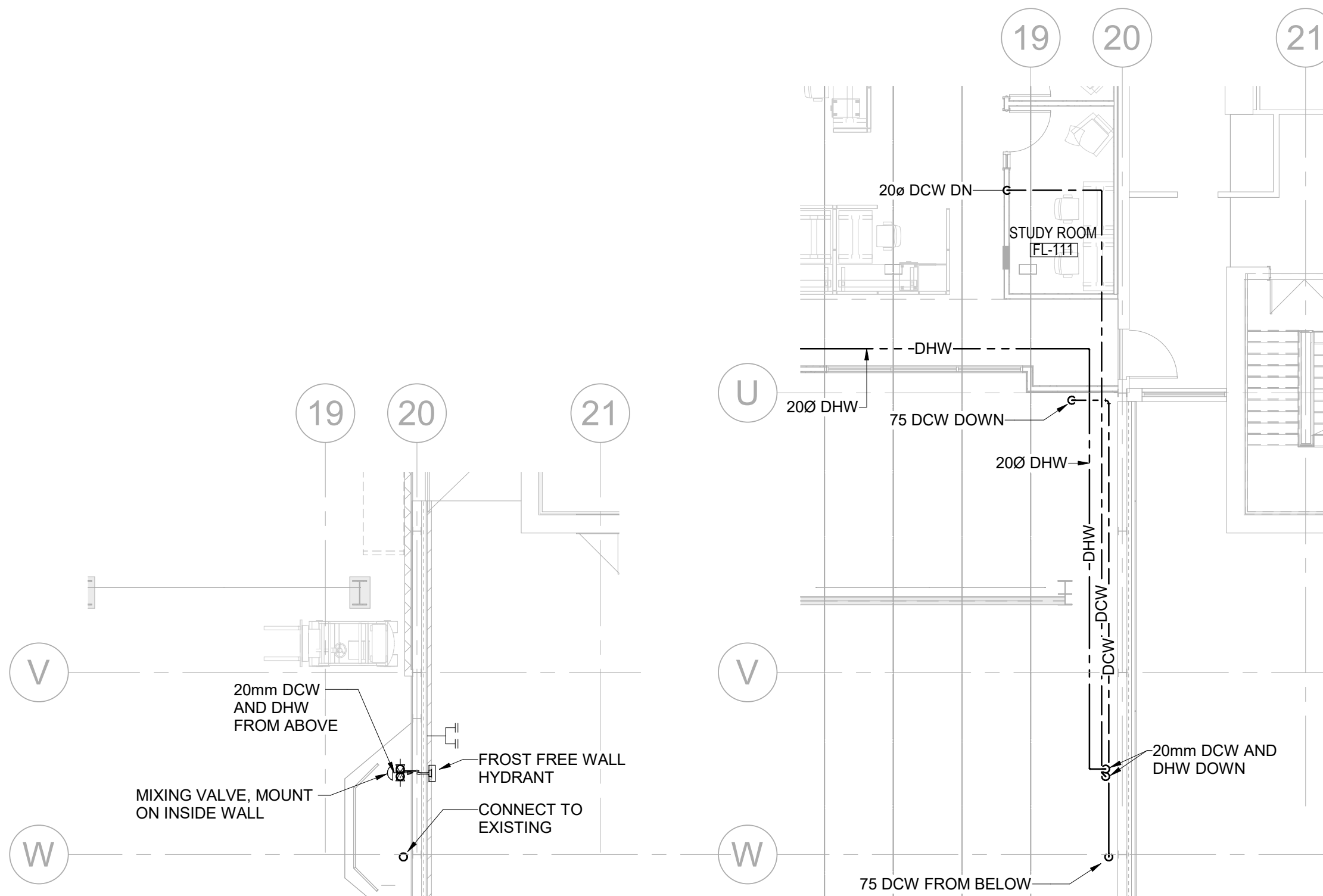
Tender IAN SCELES Soumission  
PWGSC Project Manager Administrateur de projets TPSGC

project number no. du projet  
**R.089911.001**

drawing no. no. du dessin

**SKM-11**

E-DRM/GDD-E: 553111



**GROUND FLOOR PART PLAN**

**FIRST FLOOR PART PLAN**