



EXISTING PANEL 10DA1

VOLTAGE	PHASE	WIRE	RATING AMPS	TRM	INTERRUPTING CAPACITY	SURFACE
120/208V	3	4	125		10	

EXISTING	1	2	15	EXISTING	
EXISTING	15	3	4	15	EXISTING
EXISTING	15	5	6	20	EXISTING
EXISTING	15	7	8	15	EXISTING
EXISTING	15	9	10	20	EXISTING
EXISTING	15	11	12	20	EXISTING
EXISTING	15	13	14	20	EXISTING
EXISTING	15	15	16	15	EXISTING
EXISTING	15	17	18	15	EXISTING
EXISTING	15	19	20	15	EXISTING
EXISTING	15	21	22	15	EXISTING
FAN POWERED BOX	15	23	24	20	KITCHEN COUNTER RECEPTACLES (2)
FAN POWERED BOX	15	25	26	15	KITCHEN MICROWAVE
FAN POWERED BOX	15	27	28	20	KITCHEN COUNTER RECEPTACLES (2)
SPARE	15	29	30	15	KITCHEN MICROWAVE

NEW PANEL 10DA

VOLTAGE	PHASE	WIRE	RATING AMPS	TRM	INTERRUPTING CAPACITY	SURFACE
120/208V	3	4	225		10	

EXISTING	1	2	15	EXISTING	
EXISTING	15	3	4	15	EXISTING
EXISTING	15	5	6	20	EXISTING
EXISTING	15	7	8	15	EXISTING
EXISTING	15	9	10	20	EXISTING
EXISTING	15	11	12	20	EXISTING
EXISTING	15	13	14	20	EXISTING
EXISTING	15	15	16	15	EXISTING
EXISTING	15	17	18	15	EXISTING
EXISTING	15	19	20	15	EXISTING
EXISTING	15	21	22	15	EXISTING
EXISTING	15	23	24	20	EXISTING
EXISTING	15	25	26	15	EXISTING
EXISTING	15	27	28	15	EXISTING
EXISTING	15	29	30	15	EXISTING
EXISTING	15	31	32	15	EXISTING
EXISTING	15	33	34	15	EXISTING
EXISTING	15	35	36	20	EXISTING
EXISTING	15	37	38	15	EXISTING
EXISTING	15	39	40	20	EXISTING
EXISTING	15	41	42	15	EXISTING
OFFICE RECEPTACLES	15	43	44	15	SPARE
OFFICE RECEPTACLES	15	45	46	15	SPARE
OFFICE RECEPTACLES	15	47	48	20	SPARE
OFFICE RECEPTACLES	15	49	50	15	SPARE
OFFICE RECEPTACLES	15	51	52	20	SPARE
OFFICE RECEPTACLES	15	53	54	15	SPARE
OFFICE RECEPTACLES	15	55	56	15	SPARE
OFFICE RECEPTACLES	15	57	58	15	SPARE
SPARE	15	59	60	15	SPARE
SPARE	15	61	62	15	SPARE
SPARE	15	63	64	20	SPARE
SPARE	15	65	66	15	SPARE

DESCRIPTION OF WORK: NEW WORK

- TYPICAL CONNECT NEW POWER POLE WITH ONE (1) 15A 1P CIRCUIT FOR EACH TWO (2) WORK STATION. FEED FROM EXISTING CIRCUITS IN CEILING UNLESS OTHERWISE INDICATED. REPLACE EXISTING CIRCUITS AND/OR CONNECTION JUNCTION BOX IN CEILING AS REQUIRED. PROVIDE NEW CIRCUIT IDENTIFICATION. ALL NEW COMMUNICATION SERVICES TO BE BY DEPARTMENT REPRESENTATIVE.
- TYPICAL PROVIDE NEW RECEPTACLE AND COMMUNICATION OUTLET TO ACCOMMODATE ADDITIONAL WORK STATION. FISH AND CONCEAL WIRING IN WALLS AND COORDINATE WITH GENERAL TRADES TO MINIMIZE WALL DAMAGE. FEED NEW OUTLETS FROM REMOVED CIRCUITS UNLESS OTHERWISE INDICATED. ALL NEW COMMUNICATION SERVICES TO BE BY DEPARTMENT REPRESENTATIVE. ROUGH-IN BOXES AND CONDUITS BY THIS CONTRACTOR.
- EXISTING 42 CIRCUIT 120/208V 3 PHASE 4 WIRE BRANCH CIRCUIT PANELS 10DA & 10EB TO BE REPLACED WITH NEW 66 CIRCUIT PANELS. TRACE AND RE-CONNECT EXISTING CIRCUITS. FEED NEW POWER POLES AND DEVICES AS INDICATED. PROVIDE 24 ADDITIONAL BREAKERS AND CIRCUITS TO FEED NEW FAN POWERED BOX AND EQUIPMENT WHERE INDICATED. PROVIDE CONCEAL CONDUITS AND WIRING IN CEILING SPACE. ALL PANEL WORK AND POWER INTERRUPTIONS TO BE COMPLETED AFTER HOURS. TRACE ALL CIRCUITS AND PROVIDE UPDATED PANEL BOARD BREAKER IDENTIFICATION.
- EXISTING 42 CIRCUIT 120/208V 3 PHASE 4 WIRE BRANCH CIRCUIT PANELS TO REMAIN OPERATIONAL. RE-USE EXISTING CIRCUITS TO FEED NEW POWER POLES AND DEVICES AS INDICATED. PROVIDE NEW TANDER BREAKERS AND CIRCUITS TO FEED NEW POWER POLES AND DEVICES WHERE INDICATED. REFER TO NOTE 10. ALL PANEL WORK AND POWER INTERRUPTIONS TO BE COMPLETED AFTER HOURS. TRACE ALL CIRCUITS AND PROVIDE UPDATED PANEL BOARD BREAKER IDENTIFICATION.
- PROVIDE TWO CHANNEL FLAT FLOOR UNDER CARPET RACEWAY SYSTEM COMPLETE WITH RECEPTACLE AND COMM. OUTLET FOR NEW WORK STATION. COORDINATE AND CONNECT ALL FURNITURE SUPPLIED OUTLETS. FEED POWER AND COMMUNICATION DOWN FROM CEILING AND FISH DOWN THROUGH COLUMN.
- PROVIDE 100A 208V 3P CONTACTOR TO CONTROL FLOOR RECEPTACLES WITH TIME CLOCK. TRANSFER CIRCUIT #14 "EXHAUST FAN" TO PANEL 10EB.
- FAN POWERED BOX CONNECTION IN CEILING SPACE. 1/3 HP, 120V, CONTROLS BY MECHANICAL.
- TYPICAL FISH POWER AND COMMUNICATION DOWN PERIMETER WALLS. GENERAL TRADES TO CUT AND REPAIR ACCESS.
- TYPICAL EXISTING POWER, COMMUNICATION POWER POLES AND BASE FEEDS TO BE PROTECTED DURING CONSTRUCTION. REPLACE FINAL FLEX CONNECTION AND WIRING TO ACCOMMODATE NEW LOCATION.
- PROVIDE 100A 208V 3P CONTACTOR TO CONTROL FLOOR RECEPTACLES WITH TIME CLOCK. TRANSFER FIVE (5) CIRCUITS. #1, #3, #5 "CORE REC", #7 "DOOR OPERATOR" AND #41 "TEL. RM. REC" TO PANEL 10DA.
- EXISTING CEILING POWER JUNCTION BOXES TO REMAIN OPERATIONAL. REPLACE CIRCUITS AS REQUIRED TO ACCOMMODATE NEW POWER POLES AND DEVICES.

GENERAL NOTES

- FEED TWO WORK STATIONS MAXIMUM FOR EACH 15A 120V CIRCUIT.

L'ENTREPRENEUR DEVRA VÉRIFIER TOUTES LES DIMENSIONS ET LES CONDITIONS SUR LE CHANTIER ET AVISER SANS DÉLAI LE REPRÉSENTANT DU MINISTÈRE DE TOUTE ANOMALIE.
Contractor to verify all dimensions and conditions on site and immediately notify the departmental representative of all discrepancies.

revisions	description	date
6		
5	ISSUED FOR TENDER	2019/07/12
4	ISSUED FOR TENDER	2019/03/19
3	ISSUED FOR FINAL REVIEW	2019/03/08
2	ISSUED FOR 99% REVIEW	2018/06/29
1	ISSUED FOR DESIGN DEVELOPMENT	2018/05/30

A	A detail no. no. du detail	A
C	B location drawing no. sur dessin no.	B C
	C drawing no. dessin no.	

project **The Re-Fit of L'Esplanade Laurier for Swing Space**

140 O'CONNOR ST., OTTAWA, ONTARIO
drawing **10th FLOOR POWER AND SYSTEMS NEW WORK**

Designed By	M.T.	Conçu par	
Date		(yyyy/mm/dd)	
Drawn By	M.T.	Dessiné par	
Date		(yyyy/mm/dd)	
Reviewed By	A.M.	Examiné par	
Date		(yyyy/mm/dd)	
Approved By	A.M.	Approuvé par	
Date		(yyyy/mm/dd)	
Tender		Soumission	

Project Manager **R.081640.020.** Administrateur de projets
Project no. No. du projet
Drawing no. **E005** No. du dessin