

This Addendum is issued to provide for changes in the Work.

Clarifications for questions received via email and general clarifications.

Except as otherwise specified herein, or shown on accompanying drawings, work required by this Addendum shall be in accordance with the Tender Documents dated March 11, 2011.

## 1. GENERAL INSTRUCTIONS/CLARIFICATIONS

- 1.1 Casa Loma: GC will need to coordinate with George Brown College IT department for installation of network connection for the display menu board for each vendor.
- 1.2 No delivery or noise at loading dock before 7am enforced by city by-law.
- 1.3 GC to coordinate, install and connect all equipment at Quiznos.
- 1.4 Stainless Steel spec is noted in the Architectural specification Document 05700 – Fine Metal Fabrications Products point 2.3 for Finishing and point 3 for Execution.

## 2. ARCHITECTURAL DRAWINGS

- 2.1 Equipment P06N on drawing no. A3.0 is NOT required. Disregard.

## 3. ARCHITECTURAL SPECIFICATIONS

- 3.1 In Section 10950 – Miscellaneous Products and Components, replace the sentence 4.4.2 with the following: Existing Security Grill at St. James is by Dynamic Closures; Model: Slim Line Perforated Aluminum. (SL Perf ). [www.dynamicclosures.ca](http://www.dynamicclosures.ca). All new security grilles to match this model type.
- 3.2 Replace Document 01010 – Work Summary 2.1.5 with the sentence to include Quiznos' connections of all kitchen equipment.
- 3.3 Refer to document 01020 – Allowance to include point 2.5 for Light Fixture cash allowance of \$16,600.00 for supply of light fixtures L1, C1 and C2 noted on drawing A2.3 and E1 (installation and connection part of base contract).
- 3.4 Refer to Document 09660 – Resilient Flooring. 2.1.4 - all areas of new flooring to have new rubber base. Johnsonite "Traditional" wall base 100mm (4"), with toe. (Replace 'Tightlock Wall Base' by Johnsonite).

## 4. STRUCTURAL DRAWINGS AND SPECIFICATIONS

Not Applicable.

## 5. MECHANICAL DRAWINGS AND SPECIFICATIONS

- 5.1 M1, M3 re-issued, attached.

## 6. ELECTRICAL DRAWINGS AND SPECIFICATIONS

- 6.1 E1, E2, E3 re-issued, attached.

## 7. ADDENDUMS

- 7.1 Refer to addendum #2, point 1.1: the updated drawings (M1, M3, E1, E2, E3) are attached.

**Please note: questions submitted less than 48 hours before tender close may not be answered.**

**END OF ADDENDUM NO. 3**

### LEGEND

SYMBOL	DESCRIPTION
A-6-1 FB	FLOUORESCENT LUMINAIRE, F2 DENOTES TYPE - SEE LUMINAIRE SCHEDULE - LUMINAIRE SCHEDULE, CONNECT TO PANEL "A" CIRCUIT #6, CONTROLLED BY SWITCH #1 (TYPICAL FOR ALL LUMINAIRES).
SIG	FLOUORESCENT STRIP LIGHT - SEE LUMINAIRE SCHEDULE S - STRIP LIGHT TYPE, S-STANDARD, SM-SIDE MOUNT, SS-STAGGERED, W-WIDE MOUNT, N-NARROW MOUNT
TI	CEILING/PENDANT MOUNTED TRACK LIGHT - SEE LUMINAIRE SCHEDULE. REFER TO PLANS FOR LENGTH OF TRACK AND NUMBER OF HEADS.
CI	CEILING MOUNTED DOWNLIGHT/WALLWASHER FIXTURE
+	FIRST DIGIT - LAMP TYPE, SECOND DIGIT - LUMINAIRE #
C	COMPACT FLUORESCENT
H	HIGH PRESSURE SODIUM
I	INCANDESCENT
L	LOW VOLTAGE INCANDESCENT
M	METAL HALIDE
X	OTHER SPECIAL
HP	WALL MOUNTED FIXTURE - LETTER DENOTES LAMP TYPE AS PER ABOVE.
E1, E2, BP1	WALL/CEILING MOUNTED EXIT LIGHT WITH DIRECTIONAL ARROWS AS REQUIRED, CONNECT TO EMERGENCY AND COMMERCIAL POWER CIRCUITS. (BP - INDICATES BATTERY PACK #1)
EMERGENCY	LUMINAIRE CONNECTED TO EMERGENCY AND COMMERCIAL POWER CIRCUITS.
S	20 AMP, SINGLE POLE TOGGLE SWITCH.
SSS	GANGED SINGLE POLE TOGGLE SWITCHES.
MS3	DUAL TECHNOLOGY CEILING SENSOR, WATTSTOPPER DT-300, C/W 24VDC/VAC POWER PACK, WHITE FINISH.
B-1(DC)	15A, 125V, SINGLE PHASE 'U' GROUND DUPLEX RECEPTACLE CONNECTED TO PANEL 'B', CIRCUIT #1 (TYPICAL FOR ALL RECEPTACLES)
DC	DC OVER COUNTER - SEE ARCHITECT/INT. DESIGNER'S DRAWINGS
SC	SEPARATE CIRCUIT
WP	WEATHERPROOF
IG	ISOLATED GROUND
TL	TWISTLOCK RECEPTACLE (AMPERAGE AS NOTED ON DRAWING)
*	RECEPTACLE MOUNTED ABOVE SERVERY COUNTER
U	15A, 125V, SINGLE PHASE 'U' GROUND DUPLEX RECEPTACLE ON SEPARATE DEDICATED CIRCUIT C/W SEPARATE NEUTRAL AND SEPARATE GROUND WIRE.
U	20A, 125V, SINGLE PHASE 'U' GROUND DUPLEX RECEPTACLE IN SEPARATE DEDICATED CIRCUIT C/W SEPARATE NEUTRAL AND SEPARATE GROUND WIRE.
U	208V, SINGLE PHASE 'U' GROUND DUPLEX RECEPTACLE ON SEPARATE DEDICATED CIRCUIT C/W SEPARATE NEUTRAL AND SEPARATE GROUND WIRE. AMPERAGE AS SHOWN ON DRAWING.
U	FLOOR MOUNTED 'U'-GROUND DUPLEX RECEPTACLE AS SPECIFIED ABOVE. FLUSH MOUNTED IN A WIREMOLD RC7 SERIES POKE THROUGH FLOOR BOX, FIRE RATED, BLACK FINISH.
2	2 INDICATES TWO DATA OUTLETS
B	B INDICATES BLANKED OFF COMMUNICATIONS OUTLET
TV	CABLE TELEVISION OUTLET C/W COVERPLATE. PROVIDE 25MM CONDUIT FROM OUTLET IN SINGLE GANG BOX TO ELEC'L ROOM AS NOTED ON FLOOR PLAN. PROVIDE PULL BOX AFTER EVERY 180 DEGREE CONDUIT TURNS. CABLE AND TERMINATIONS BY OTHERS.
120V	120V, SINGLE PHASE DIRECT CONNECTION TO EQUIPMENT
208V	208V, SINGLE PHASE DIRECT CONNECTION TO EQUIPMENT
208V	208V, THREE PHASE DIRECT CONNECTION TO EQUIPMENT
347V	347V, SINGLE PHASE DIRECT CONNECTION TO EQUIPMENT
600V	600V, SINGLE PHASE DIRECT CONNECTION TO EQUIPMENT
600V	600V, THREE PHASE DIRECT CONNECTION TO EQUIPMENT
F	DISCONNECT SWITCH (F - FUSED, U - UNFUSED, OR B - BREAKER AS NOTED)
H	HORSEPOWER RATED STARTER
JP	ELECTRICAL PANEL (LP-LIGHTING PANEL, RP-RECEPTACLE PANEL)
PB	JUNCTION OR PULL BOX
T	THERMOSTAT
S	FIRE ALARM MANUAL PULL STATION
S	FIRE ALARM BELL/HORN, S INDICATES C/W STROBE LIGHT
C	25MM CONDUIT FROM CAMERA LOCATION TO ELECTRICAL ROOM
WM1	SINGLE RACEWAY TYPE WIREMOLD, V700 SERIES, COMPLETE WITH ASSOCIATED BOXES, FITTINGS, COVERPLATES, ETC. FINISH TO ARCHITECT'S APPROVAL.
WM2	DUAL RACEWAY TYPE WIREMOLD, 4000 SERIES, COMPLETE WITH ASSOCIATED BOXES, FITTINGS, COVERPLATES, ETC. FINISH TO ARCHITECT'S APPROVAL.
E	SUFFIX 'E' EXISTING ITEM TO REMAIN.
EC	SUFFIX 'EC' EXISTING ITEM TO REMAIN, RECIRCUIT, REWIRE, OR RE-SWITCH AS SHOWN.
ER	SUFFIX 'ER' EXISTING ITEM TO BE RELOCATED - MAKE ELECTRICALLY SAFE.
RC	SUFFIX 'RC' EXISTING ITEM IN RELOCATED POSITION, REWIRE & RESWITCH AS NECESSARY.
X	SUFFIX 'X' DISCONNECT & DISPOSE OF EXISTING ITEM, MAKE ELECTRICALLY SAFE.

### LUMINAIRE SCHEDULE

SYMBOL	DESCRIPTION	LAMPS	MANUFACTURER	MODEL NO.	REMARKS *
C1	STEM MOUNTED COMPACT FLUORESCENT DOWNLIGHT FOR SEATING AREA	1 x 26W TTT	CALCULITE	CYLINDER 8021CCDF/CS61263242VG-347V	WHITE FINISH, 900MM STEM CUT TO MOUNT FIXTURE TO 2400MM AFF. SUITABLE FOR DRYWALL, FLAT LENS
C2	RECESSED COMPACT FLUOR. DOWNLIGHT WITH LENS FOR SERVERY	2 x 18W TTT	CALCULITE	VANDAL/WET DOWNLIGHT VAB038VFL/VAB218LG-347V	--
C3	RECESSED COMPACT FLUOR. LUMINAIRE WITH LENS FOR SERVERY AREA	1 x XW	--	--	--
F1	RECESSED FLUORESCENT LUMINAIRE WITH LENS FOR SERVERY	2 x 32W T8 U6	CFI	SPEC PLUS SPS2FG-S-VB-26U-347V	SUITABLE FOR T-BAR
L1	RECESSED LED LUMINAIRE FOR SEATING AREA	1 x 10W 500 LUMEN LED	CALCULITE	4.5" DOWNLIGHT C4L05N1/C4L05DL30KCCDW	COMFORT CLEAR DIFFUSE, WHITE FLANGE MOUNT IN GWB CEILING
E	CLG/WALL MOUNTED EXIT LIGHT, CONNECT TO ESSENTIAL LIGHTING CIRCUIT.	C/W DIRECTIONAL ARROWS AS SHOWN L.E.D. SIGN, MAXIMUM 2.5W	LUMACELL	SINGLE/DOUBLE FACE MODEL LER300, 120V	WHITE FINISH

- NOTES:**
- PROVIDE LAMPS, ELECTRONIC BALLAST UNLESS OTHERWISE NOTED AND ALL CONNECTORS, POWER FEEDS, & MOUNTING DEVICES TO COMPLETE INSTALLATION OF ALL FIXTURES.
  - ALL LAMPS TO BE BY ONE MANUFACTURER: OSRAM-SYLVANIA, PHILLIPS, OR GGE ONLY.
  - REFER TO BOOK SPECIFICATION FOR ADDITIONAL DETAILS.
  - H.I.D. LAMPS TO BE AS RECOMMENDED BY FIXTURE MANUFACTURER C/W COMPATIBLE BALLASTS.

### GENERAL NOTES

- REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION OF LUMINAIRES, SWITCHES, OUTLETS, ETC., ADVISE CONSULTANTS OF ANY DISCREPANCIES BEFORE INSTALLATION.
- CONNECT LUMINAIRES VIA NEW MOTION SENSOR OR SWITCH TO EXISTING 347V LIGHTING CIRCUITS.
- CONNECT LUMINAIRE TO EXISTING ESSENTIAL LIGHTING CIRCUITS.
- CONNECT LUMINAIRES VIA NEW MOTION SENSOR OR SWITCH TO EXISTING 120V CIRCUIT.
- PROVIDE 200AMP BREAKER IN PANEL EMI AND FEED NEW EMERGENCY LIGHTING CIRCUIT IN CAFETERIA AREA WITH 2#12\*GRND-16MM C; APPROXIMATE LENGTH IS 60M, RUN CONDUIT IN SHAFT #7 AND MOUNT AS HIGH AS POSSIBLE.
- CONNECT NEW EXIT SIGN TO EXISTING ESSENTIAL AND COMMERCIAL EXIT LIGHT CIRCUITS.

### OWNER'S LOGO



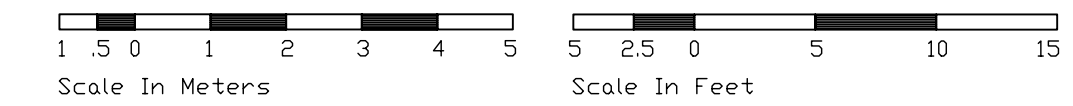
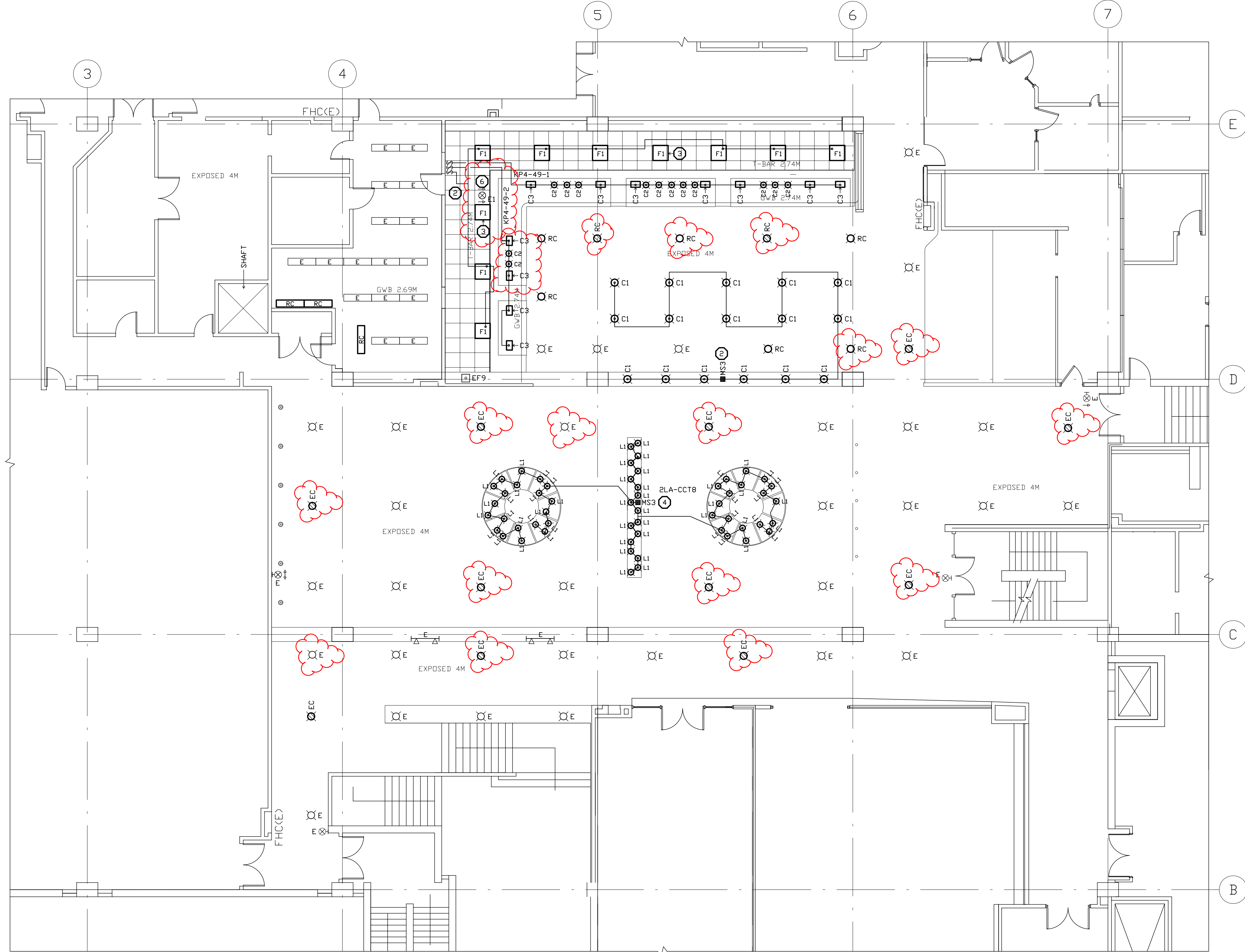
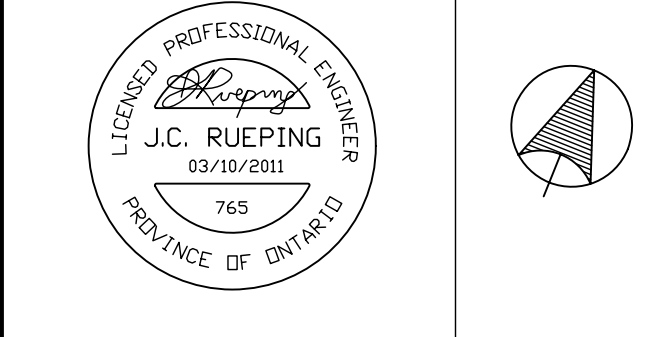
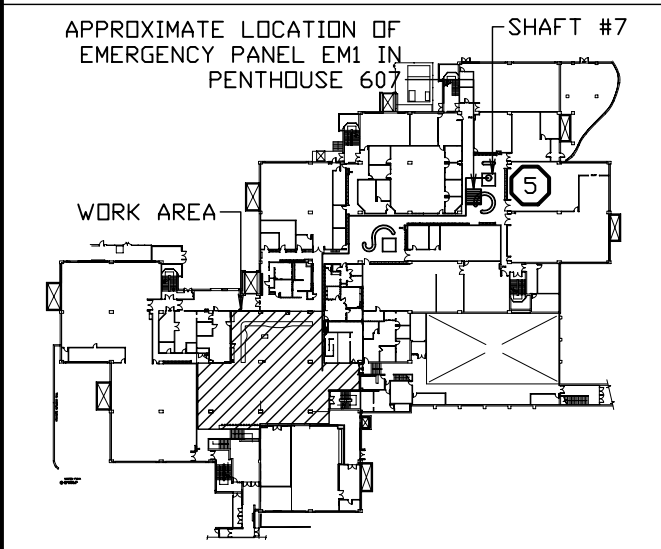
REV. #	DATE	DESCRIPTION
1	03/03/2011	COORDINATION/REVIEW
2	03/10/2011	TENDER/PERMIT

NOT TO BE USED FOR CONSTRUCTION UNLESS SIGNED AND SEALED BY THE CONSULTANT.

THIS DRAWING IS INTENDED FOR THE FOLLOWING PURPOSE.

**ENSO Systems Inc.**  
5700 YONGE STREET, SUITE 200  
TORONTO, ONTARIO M2M 4K2  
TEL/FAX (416) 410-9865

### KEY PLAN



### PROJECT

**KAFE GBC  
CASA LOMA CAMPUS  
LEVEL 2**

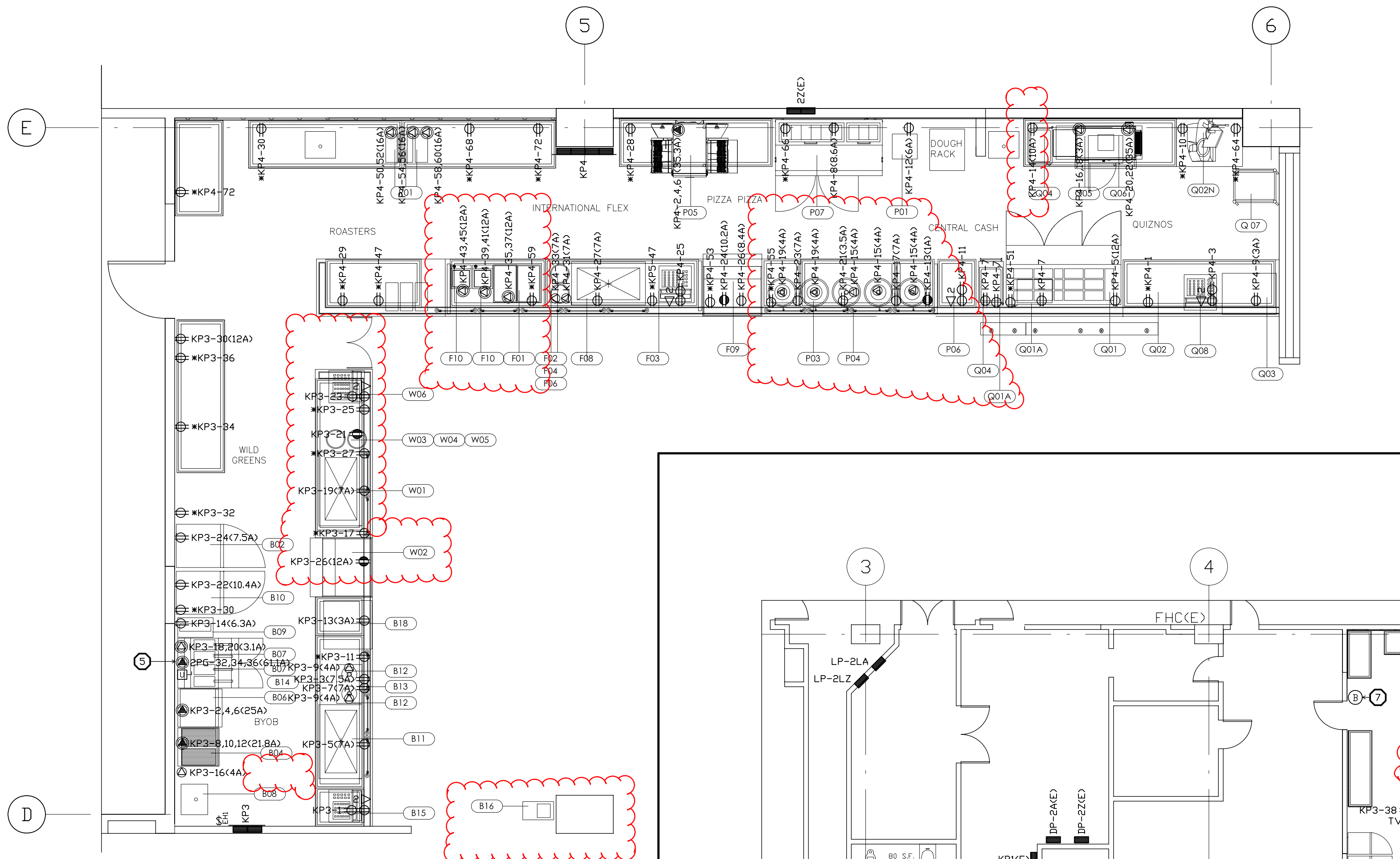
160 KENDAL AVE. - TORONTO, ONTARIO

DATE	DRAWN	CHECKED
JAN 2011	CAD	J.C.R.

TITLE  
**PART LEVEL 2 PLAN  
LIGHTING & LEGEND**

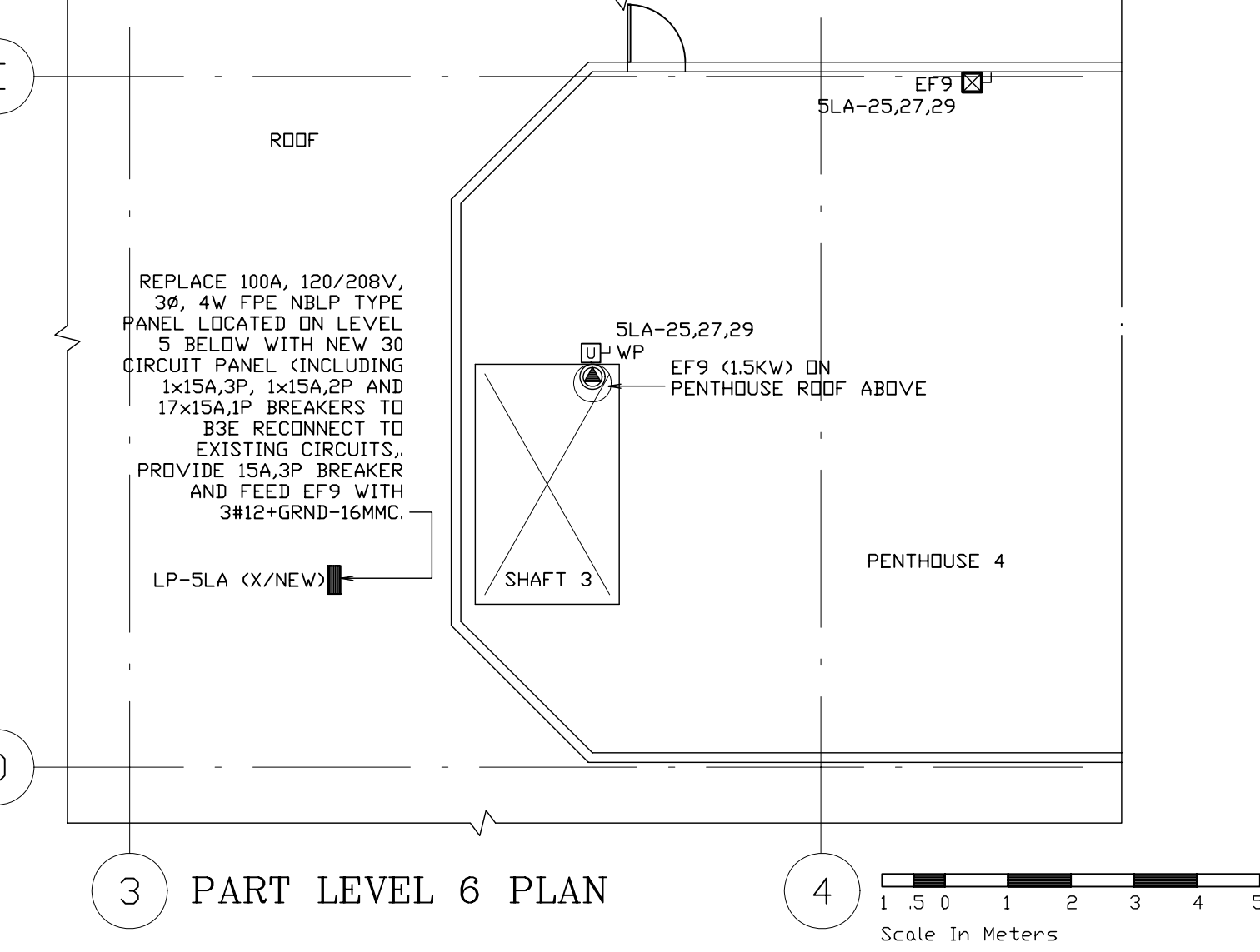
SCALE	REVISION	DRAWING NO.
AS NOTED		

PROJECT  
765



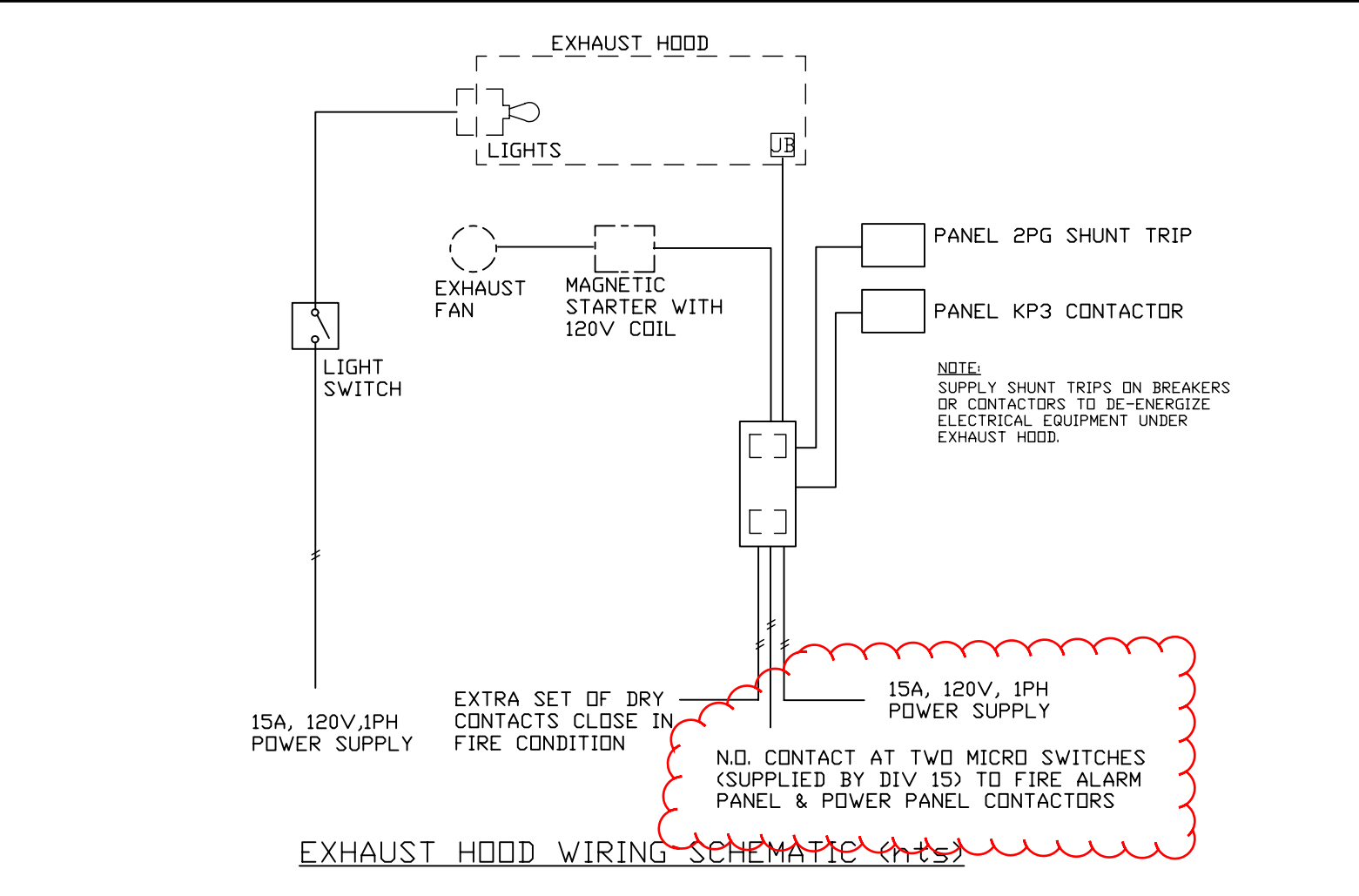
**SERVERY PLAN**  
Scale In Meters

REFER TO ARCHITECTURAL DETAIL PLANS FOR EQUIPMENT LIST AND SERVICE CONNECTION LOCATION INFORMATION. RUN CONDUIT FOR COUNTER MOUNTED EQUIPMENT IN SERVICE PANEL LOCATED ALONG ENTIRE LENGTH.

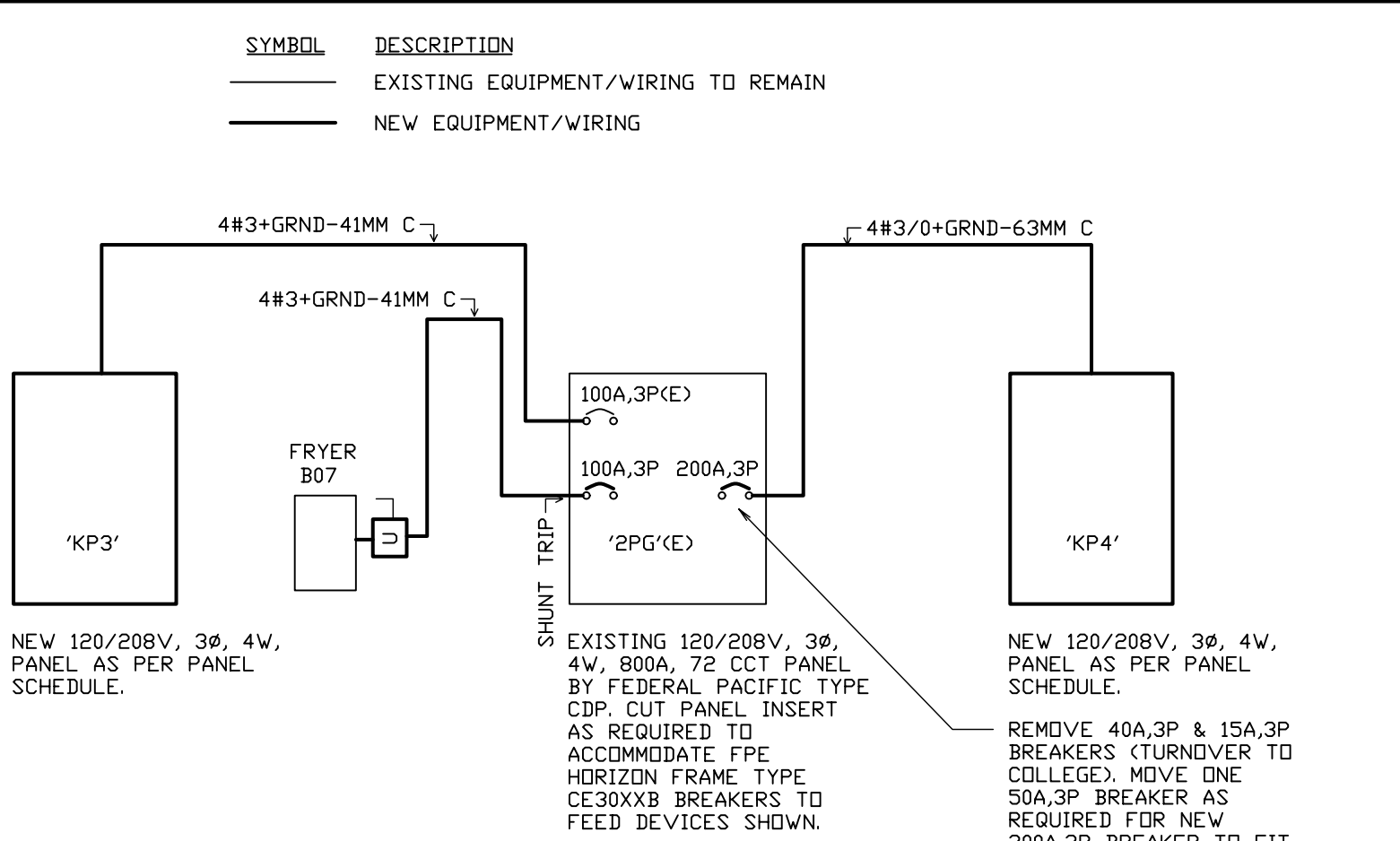


**3 PART LEVEL 6 PLAN**

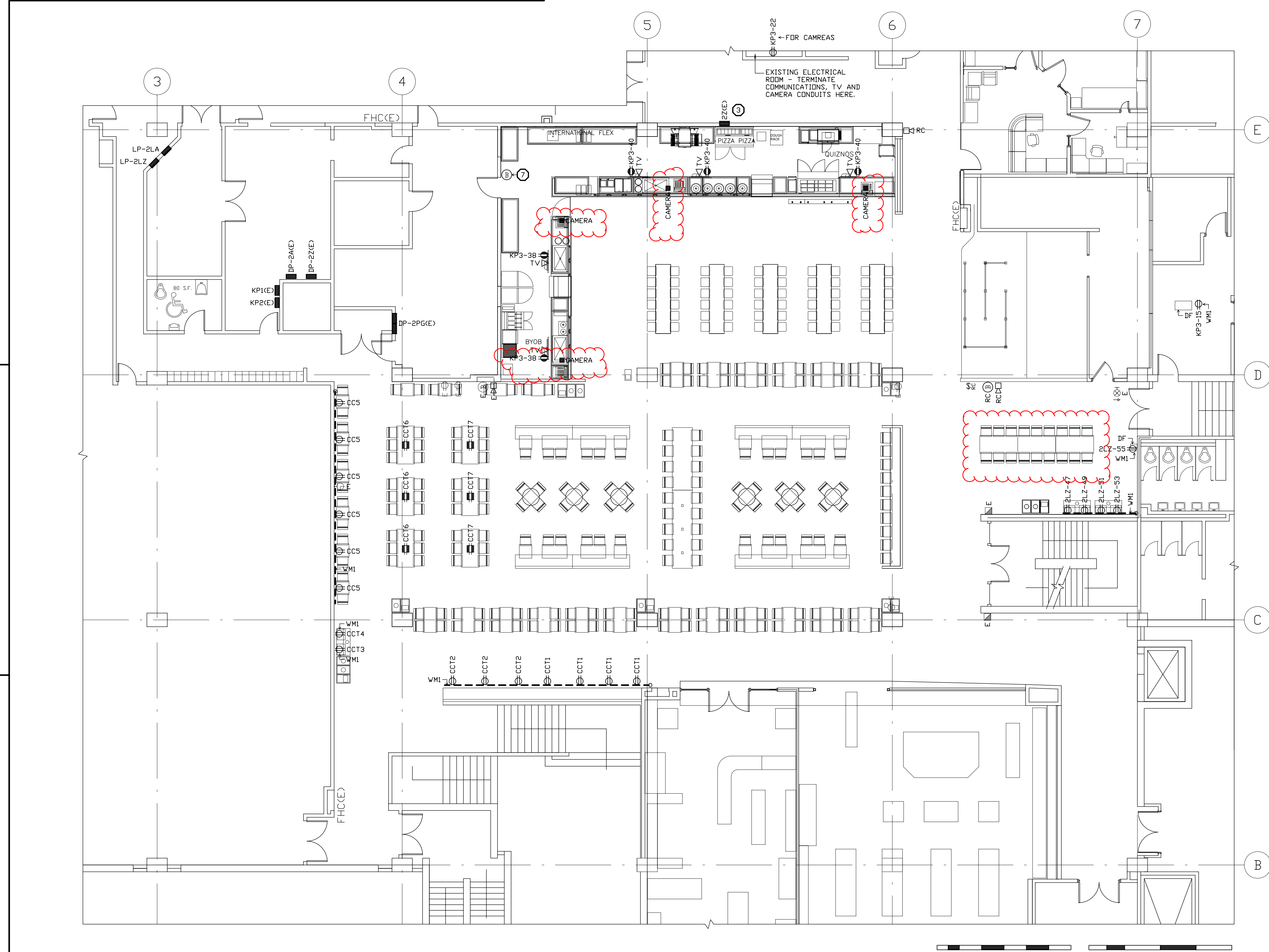
**4** Scale In Meters



**EXHAUST HOOD WIRING SCHEMATIC (nts)**



**PART SINGLE LINE DIAGRAM (nts)**



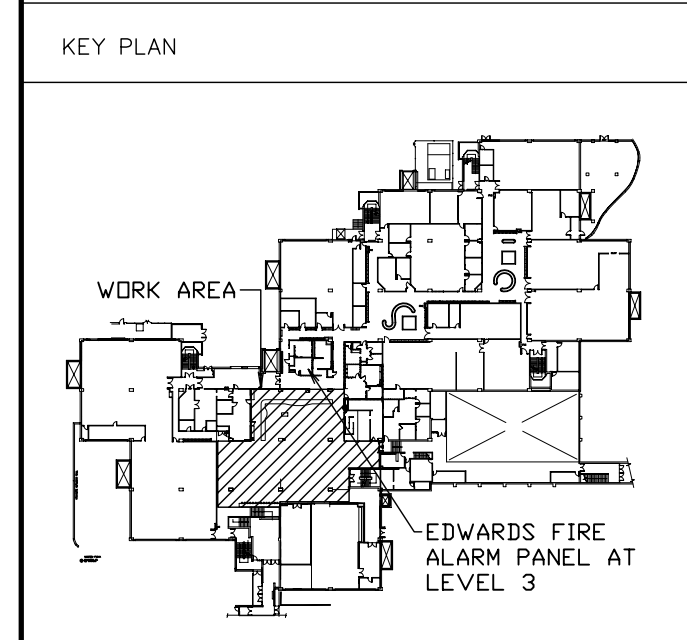
Scale In Meters      Scale In Feet

- GENERAL NOTES
- REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION OF RECEPTACLES, OUTLETS, ETC. ADVISE CONSULTANTS OF ANY DISCREPANCIES BEFORE INSTALLATION.
  - NEW THREE PHASE COMBINATION STARTER FOR EF9; RECONNECT TO EXISTING CONDUIT AND WIRING SERVING LEVEL 2 ON/OFF BUTTON.
  - PROVIDE 2x15A,1P AND 3x20A,1P BREAKERS IN EXISTING 120/208V, 3Ø,4W 100A FPE PANEL, TYPE NBLP-24-4L AND FEED NEW CIRCUITS AS SHOWN.
  - REMOVE 15A,3P BREAKER AND PROVIDE 4x15A,1P BREAKERS IN EXISTING 120/208V, 3Ø,4W 100A FPE PANEL, TYPE NBLP-24-4L AND FEED NEW MICROWAVE CIRCUITS AS SHOWN.
  - PROVIDE SHUNT TRIP TYPE BREAKER AND CONNECT TO MICROSWITCH SUPPLIED BY DIVISION 15 SO THAT EQUIPMENT POWER SUPPLY IS DEENERGIZED IF HOOD FIRE SUPPRESSION SYSTEM ACTIVATES.
  - PROVIDE NEW FIRE ALARM ZONE SERVING KITCHEN EXHAUST HOOD FIRE SUPPRESSION SYSTEM.
  - PROVIDE NEW FIRE ALARM BELL AND CONNECT TO EXISTING LEVEL 2 SIGNAL CIRCUIT.



REV. #	DATE	DESCRIPTION
2	03/10/2011	TENDER/PERMIT
1	03/03/2011	COORDINATION/REVIEW

**ENSO Systems Inc.**  
5700 YONGE STREET, SUITE 200  
TORONTO, ONTARIO M2M 4K2  
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PROJECT  
**KAFE GBC  
CASA LOMA CAMPUS  
LEVEL 2**

160 KENDAL AVE. - TORONTO, ONTARIO

DATE	DRAWN	CHECKED
JAN 2011	CAD	J.C.R.

TITLE  
**PART LEVEL 2 PLAN  
POWER & SYSTEMS, DETAILS &  
PART SINGLE LINE DIAGRAM**

SCALE	REVISION	DRAWING NO.
AS NOTED		E2 OF 3

PROJECT 765

PROJECT		NO: KP3		DATE:		MAINS: 100 AMPS		120 /208 VOLTS		3PH 4W			
LOAD DESCRIPTION	NO	MISC	MOTOR	ELECT HEAT	RECEPT	LIGHTS	BRK SIZE	CONDUIT NUMBER	BRK SIZE	LIGHTS	RECEPT	LOAD DESCRIPTION	
B15				.3			15 1 2 30					B06	
B14				.8			15 3 4						
B11				.4			15 5 6 2P					B04	
B13				.4			15 7 8 30			6.6			
B12				1.5			15 9 10						
COUNTER RECEP				.3			15 11 12 2P					B09	
B10				.4			15 13 14 15			.8		B17	
DRINKING FTN				1.5			15 15 16 15			1.5		B07	
COUNTER RECEP				.3			15 17 18 15			.6			
W01				.9			15 19 20 2P					B10	
W03				.5			20 21 22 15			1.3		B02	
W06				.3			15 23 24 20			.8		B02	
COUNTER RECEP				.3			15 25 26 15			1.2		B02	
"				.3			15 27 28 15			1.0		SPARE	
SPARE							15 29 30 15			.3		COUNTER RECEP	
"							20 31 32 15			.3		"	
"							15 33 34 15			.3		"	
"							15 35 36 15			.3		"	
SPACE							37 38 20			1.2		LCD TVS	
"							39 40 20			.8		"	
"							41 42 20			.5		CAMERAS	
"							43 44 15					"	
"							45 46 15					"	
"							47 48 15					"	
"							49 50 20					"	
"							51 52					SPACE	
"							53 54					"	
"							55 56					"	
"							57 58					"	
"							59 60					"	
SUB-TOTAL KW				1.9	4.4	2.3				3.7	13.3	6.6	SUB-TOTAL KW

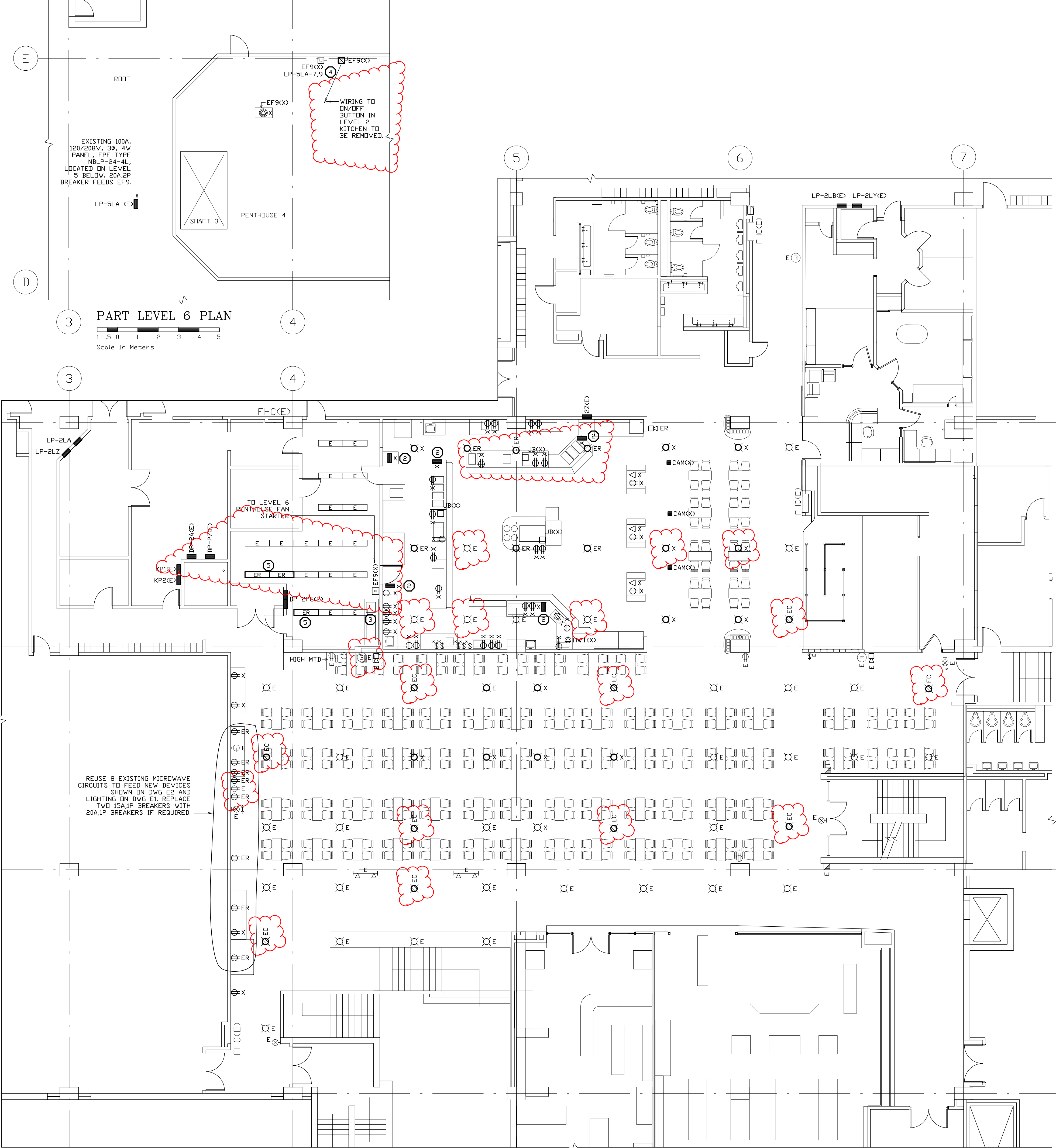
SPECIAL FEATURES:		LOAD SUMMARY			BREAKER SUMMARY							REVISIONS		
LOADS	CONNECT	D.F.	DEMAND	15A	20A	30A	40A	50A	60A	70A	NO.	DATE	BY	
LIGHTS														
RECEPT				6.0										
ELEC HTG				17.7										
MOTORS				8.5										
MISC														
TOTAL				32.2										
													24.0	

NOTES:  
 1. PROVIDE BREAKERS AS OUTLINED IN PANEL SCHEDULE INCLUDING SHUNT TRIP FOR EQUIPMENT UNDER HOODS.  
 2. COORDINATE BREAKER SIZES WITH EQUIPMENT MANUFACTURER.  
 3. COORDINATE EQUIPMENT CONNECTIONS WITH EQUIPMENT SUPPLIER.  
 4. SHUNT TRIP BREAKER TO CONTACTOR BY DIVISION 16 TO SHUTDOWN UPON ACTIVATION OF HOOD FIRE SUPPRESSION.

PROJECT		NO: KP4		DATE:		MAINS: 200 AMPS		120 /208 VOLTS		3PH 4W			
LOAD DESCRIPTION	NO	MISC	MOTOR	ELECT HEAT	RECEPT	LIGHTS	BRK SIZE	CONDUIT NUMBER	BRK SIZE	LIGHTS	RECEPT	LOAD DESCRIPTION	
COUNTER RECEP				.5			15 1 2 50					P05	
Q08				1.5			15 3 4						
Q01				.5			15 5 6 3P					P07	
Q01A				.4			15 7 8 15			1.0		COUNTER RECEP	
Q03				.4			15 9 10 15			.5		P01	
P05				.3			15 11 12 15			.8		Q02	
P04				.7			20 13 14 15			.7		Q05	
P03 X 2				.7			15 15 16 15			.4		Q06	
P04				.8			15 17 18 2P						
P03				1.0			15 19 20 50			7.2		F09	
P04				1.1			20 21 22 2P					F09	
P03 X 2				.7			15 23 24 20			1.0		COUNTER RECEP	
F03				.3			15 25 26 15			1.2		COUNTER RECEP	
F08				.8			15 27 28 15			.5		SPACE	
COUNTER RECEP				.5			15 29 30 15			.5		SPACE	
F02				.8			15 31 32 20						
F01				.8			15 33 34 15						
F02				2.5			20 35 36 15						
F10				2.5			30 37 38 15						
F10				2.5			30 39 40 15						
F10				2.5			30 41 42 15						
F10				2.5			30 43 44 15						
F10				2.5			30 45 46 15						
COUNTER RECEP				.5			15 47 48					R01	
COUNTER LIGHTS				1.0			20 49 50 20			3.5		R01	
COUNTER RECEP				.3			15 51 52 2P			3.5		R01	
"				.3			15 53 54 20						
"				.3			15 55 56 2P						
"				.3			15 57 58 2P						
"				.3			15 59 60 2P						
SPACE							15 41 42 15					COUNTER RECEP	
"							15 63 64 15			.3		"	
"							20 65 66 15			.3		"	
"							15 67 68 15			.3		"	
SPACE							69 70 15			.3		"	
"							71 72 15			.3		"	
"							73 74					"	
"							75 76					"	
"							77 78					"	
"							79 80					"	
"							81 82					"	
"							83 84					"	
SUB-TOTAL KW				3.2	13.4	4.3	1.0			3.0	41.2	4.1	SUB-TOTAL KW

SPECIAL FEATURES:		LOAD SUMMARY			BREAKER SUMMARY							REVISIONS		
LOADS	CONNECT	D.F.	DEMAND	15A	20A	30A	40A	50A	60A	70A	NO.	DATE	BY	
LIGHTS				1.0										
RECEPT				7.0										
ELEC HTG				54.6										
MOTORS				7.3										
MISC														
TOTAL				69.9									54.0	

NOTES:  
 1. PROVIDE BREAKERS AS OUTLINED IN PANEL SCHEDULE.  
 2. COORDINATE BREAKER SIZES WITH EQUIPMENT MANUFACTURER.  
 3. COORDINATE EQUIPMENT CONNECTIONS WITH EQUIPMENT SUPPLIER.



PART LEVEL 6 PLAN

Scale In Meters

Scale In Meters: 1 1.5 2 3 4 5  
 Scale In Feet: 5 2.5 0 5 10 15

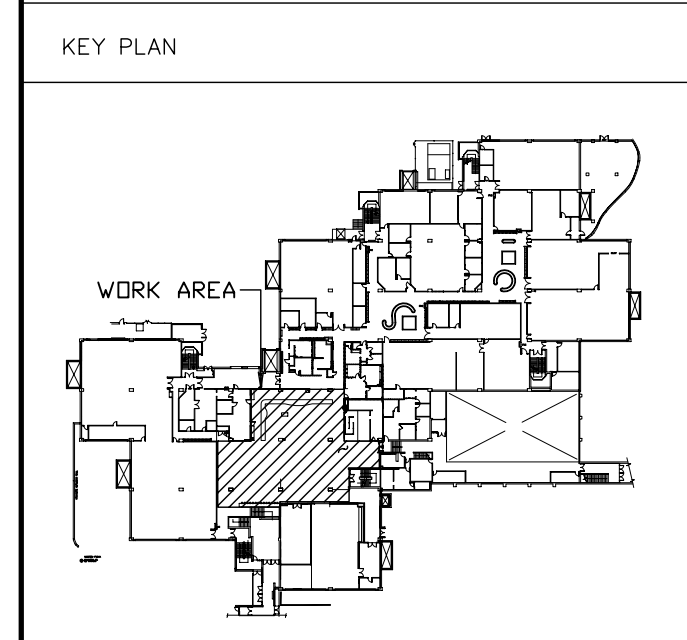
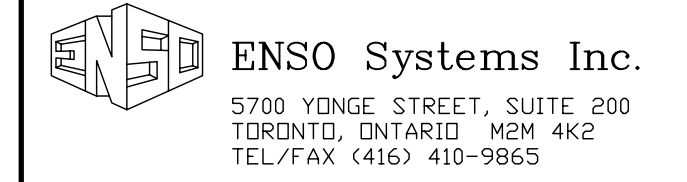
- GENERAL NOTES
- DEMOLITION DRAWINGS ARE INTENDED TO ASSIST IN CONVEYING SCOPE OF WORK. VISIT SITE TO REVIEW ALL CONDITIONS AFFECTING THE WORK.
  - REMOVE EXISTING PANEL MOUNTED BELOW/IN MILLWORK INCLUDING FEEDER IN CEILING OF FLOOR BELOW. VISIT SITE TO REVIEW SCOPE OF WORK. SOME PANELS ARE FED FROM PANEL DP-2FG.
  - REMOVE POWER SUPPLY TO EXISTING FRYER AND GRIDDLE BELOW HOOD BACK TO PANEL. INCLUDE REMOVAL OF EXISTING SHUNT TRIP CONNECTIONS AND ASSOCIATED CONTRACTS.
  - REMOVE STARTER AND DISCONNECT FOR EF9 INCLUDING 20A, 2P BREAKER IN PANEL. PROVIDE NEW STARTER AS PER DRAWING E2.
  - RELOCATE EXISTING SURFACE MOUNTED LUMINAIRE TO ACCOMMODATE NEW EXHAUST DUCTWORK INSTALLATION.



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2	03/10/2011	TENDER/PERMIT
1	03/03/2011	COORDINATION/REVIEW

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THIS DRAWING IS INTENDED FOR THE FOLLOWING PURPOSE:



PROJECT  
 KAFE GBC  
 CASA LOMA CAMPUS  
 LEVEL 2

160 KENDAL AVE. - TORONTO, ONTARIO

DATE	DRAWN	CHECKED
JAN 2011	CAD	J.C.R.

TITLE  
 PART LEVEL 2 PLAN  
 DEMOLITION - ELECTRICAL AND  
 PANEL SCHEDULES

SCALE	REVISION	DRAWING NO.
AS NOTED		E3 OF 3

PROJECT  
 765

**LEGEND**

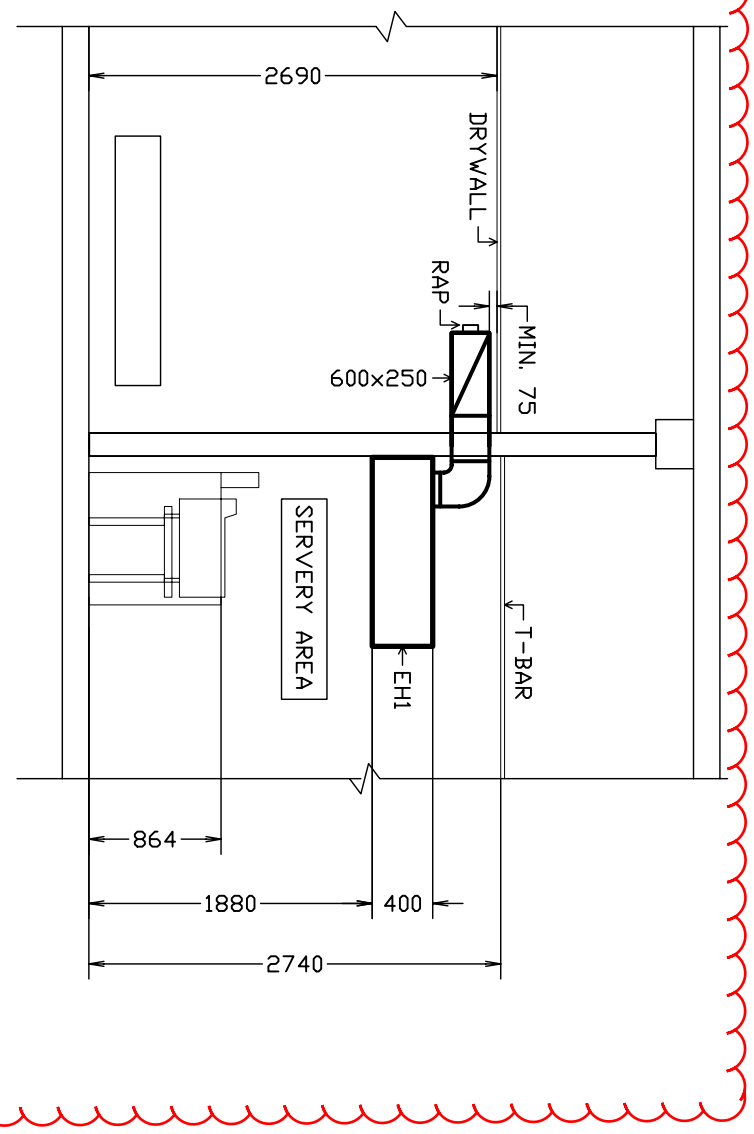
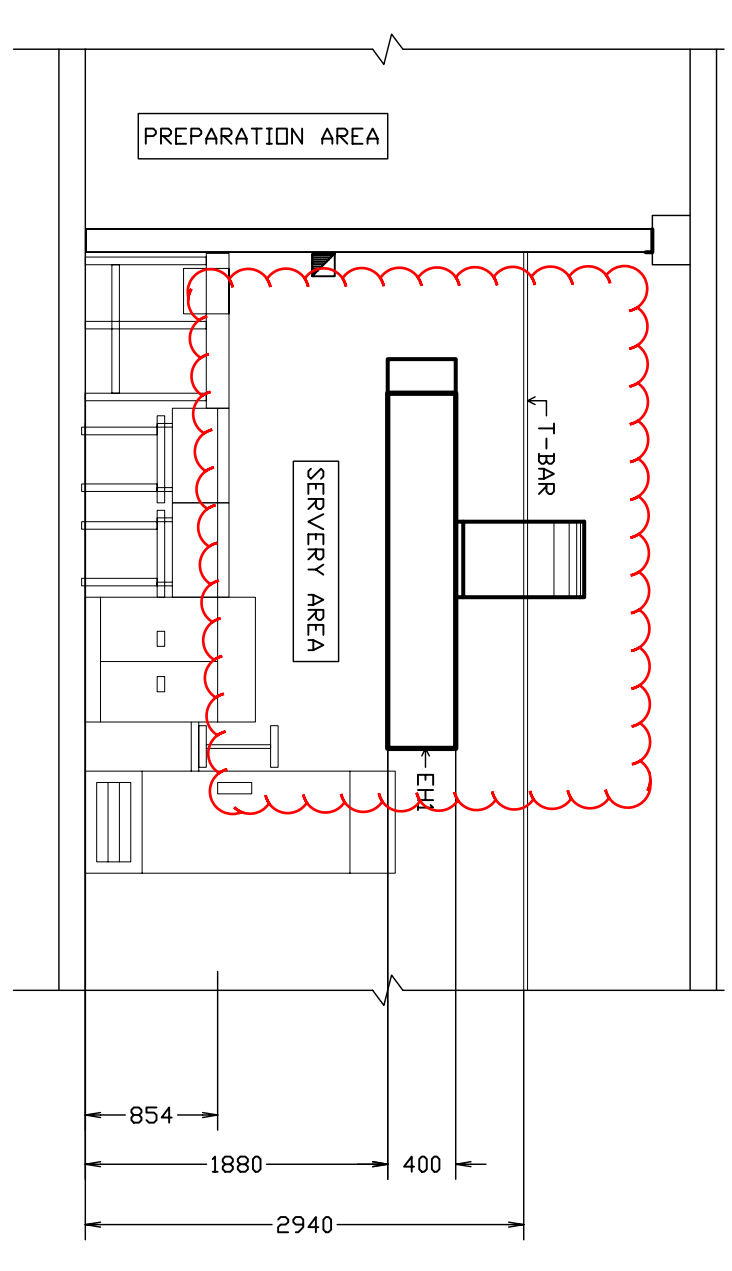
SYMBOL	DESCRIPTION
MB BD SD FJ	MOTORIZED BACKDRAFT, SPLITTER & FIRE DAMPER
— or VD	VOLUME DAMPER
— or VD	SUPPLY AIR DIFFUSER/GRILLE
— or VD	RETURN/EXHAUST AIR GRILLE
— or VD	RIGID DUCT - DOUBLE LINE - (NEW)
— or VD	NEW RANGE HOOD EXHAUST DUCT (DOUBLE LINE & SINGLE LINE) WRAPPED WITH 3M FIRE BARRIER DUCT WRAP (SA (TWO HOODS) AND VERTICAL ASSOCIATED DUCTS) BARRIER WRAP TO BE INSTALLED AS PER MANUFACTURER'S INSTALLATION DETAILS. SUBMIT SHOP DRAWINGS FOR REVIEW.
— or VD	RIGID DUCT - SINGLE LINE - (NEW)
— or VD	RIGID DUCT - DOUBLE LINE - (EXISTING TO REMAIN)
— or VD	RIGID DUCT - SINGLE LINE - (EXISTING TO REMAIN)

**LEGEND**

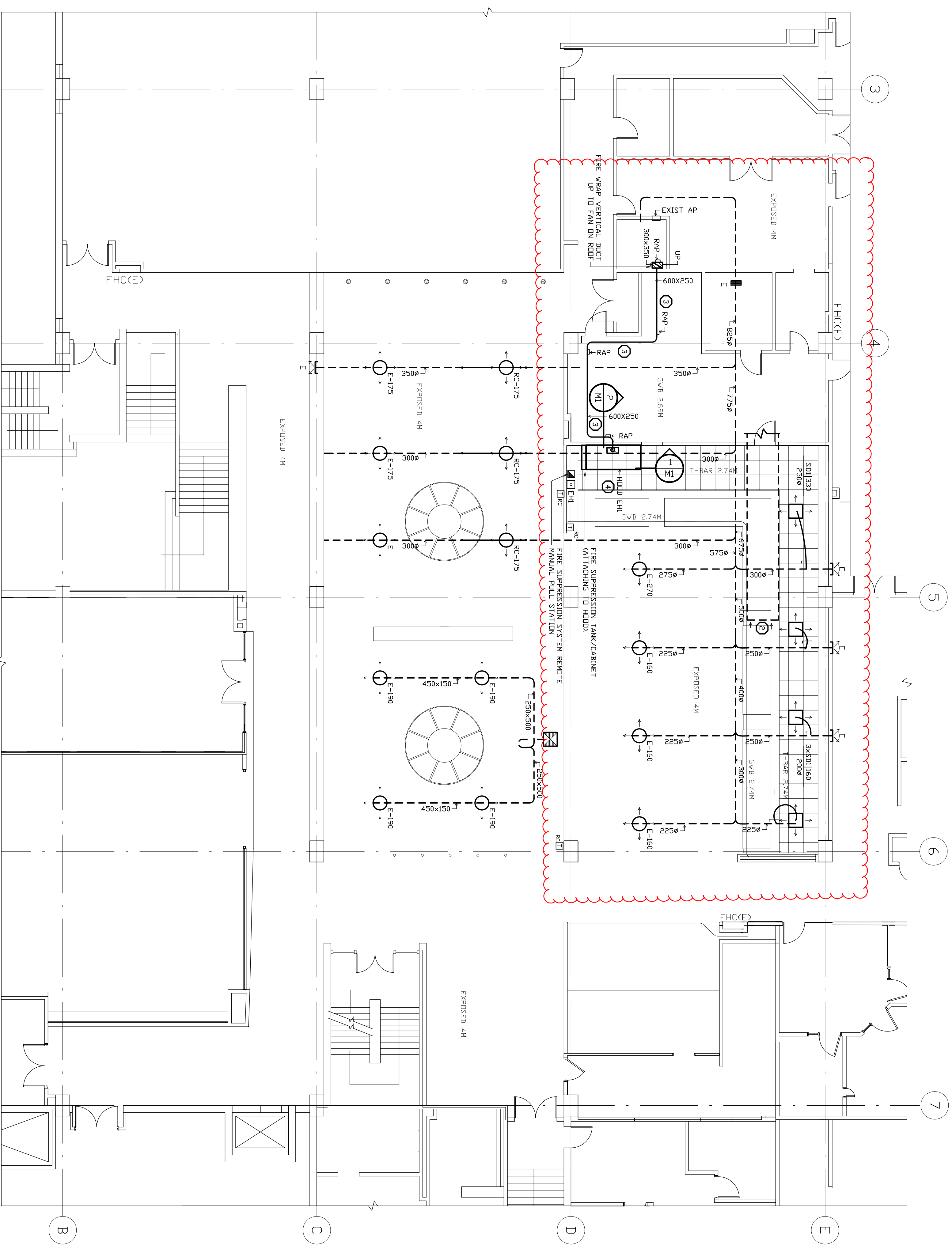
SYMBOL	DESCRIPTION
○—○	DUCT/PIPE DOWN, DUCT/PIPE UP
□	FAN STAGING PUSH BUTTON BY 1590
RAP	300X300 RANGE HOOD EXHAUST DUCT ACCESS DOOR
AP	600X600 ACCESS DOOR ON Gypsum BOARD CEILING
ENC-150	BALANCE EXISTING (RELOCATED) DIFFUSER/GRILLES AS NOTED (L/S)
NEW EQUIPMENT	NEW EQUIPMENT
EXISTING EQUIPMENT TO REMAIN	EXISTING EQUIPMENT TO REMAIN
REMOVED EXISTING ITEM REFERRED TO	REMOVED EXISTING ITEM REFERRED TO
SUFFIX 'X'	REMOVED EXISTING ITEM REFERRED TO
SUFFIX 'E'	REMOVED EXISTING ITEM REFERRED TO
SUFFIX 'ER'	REMOVED EXISTING ITEM REFERRED TO
SUFFIX 'RC'	REMOVED EXISTING ITEM REFERRED TO

**LEGEND**

SYMBOL	DESCRIPTION
—	DOMESTIC COLD WATER
—	DOMESTIC HOT WATER
—	DOMESTIC HOT WATER CIRCULATION
—	SANITARY DRAIN ABOVE FINISHED FLOOR OR GRADE
—	BURRED SANITARY DRAIN
—	SANITARY VENT PIPING
—	FLOOR DRAIN/DUNNET FLOOR DRAIN/HUB DRAIN
—	CLEAN DUT
—	PLUMBING FIXTURE BY OTHER DIVISION
—	FIRE HOSE CABINET-TYPE
—	PERMIABLE FIRE EXTINGUISHER
—	EXISTING PIPING OR PLUMBING FIXTURE TO REMAIN
—	LIGHT LINES



NOTE: REFER TO ARCHITECTURAL EQUIPMENT LIST AND CUTSHEET FOR COOKING EQUIPMENT DETAILS



- GENERAL NOTES**
- REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION OF DIFFUSERS, GRILLES, ETC. ADVISE CONSULTANT OF ANY DISCREPANCIES BEFORE INSTALLATION.
  - CLEAN EXISTING RETURN AIR GRILLE (300X300MM).
  - REMOVE RANGE HOOD EXHAUST DUCT (STAINLESS STEEL) IMMEDIATELY BELOW EXISTING BR/VAL.
  - HOOD ENH TO REPLACE EXISTING HOOD ORIGINAL LOCATED IN KITCHEN AREA WITH SAME RANGE OF EXHAUST RATE.

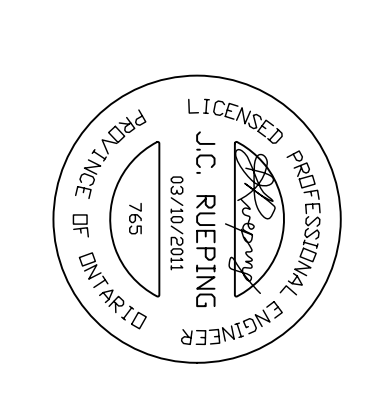
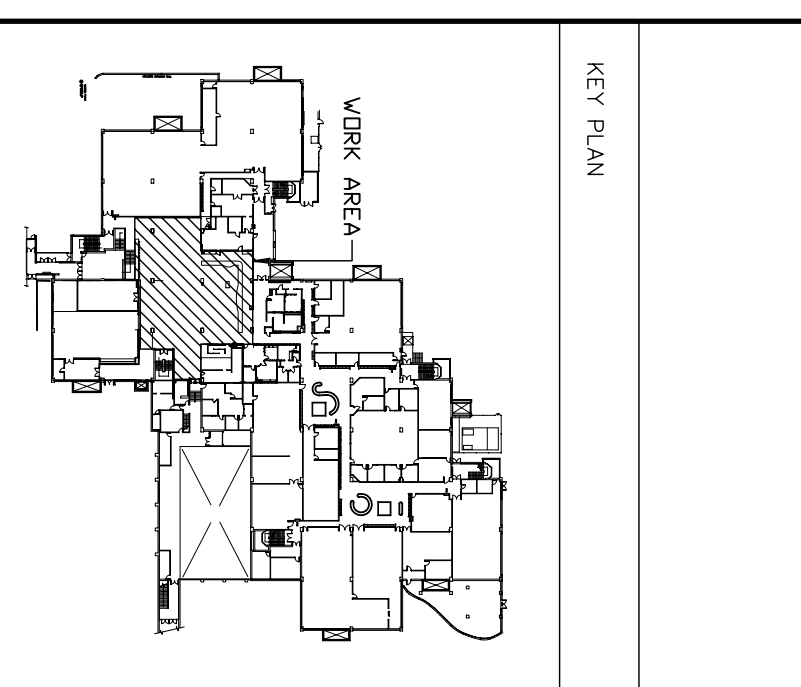


REV. #	DATE	DESCRIPTION
1	03/10/2011	TENDER/PERMIT
2	03/03/2011	COORDINATION/REVIEW

NOT TO BE USED FOR CONSTRUCTION UNLESS SIGNED AND SEALED BY THE CONSULTANT.

THIS DRAWING IS INTENDED FOR THE FOLLOWING PURPOSE:

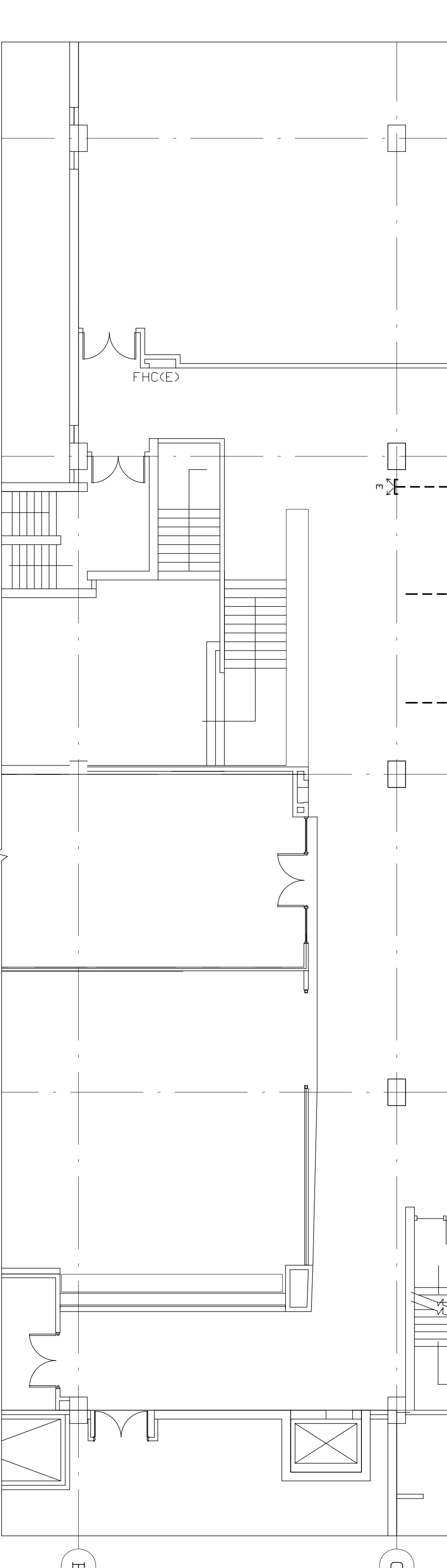
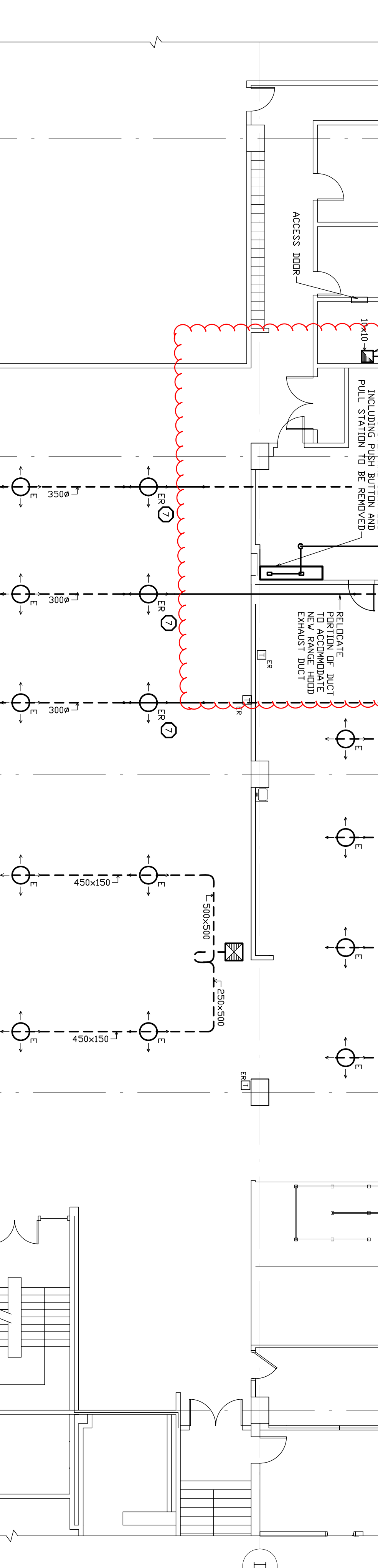
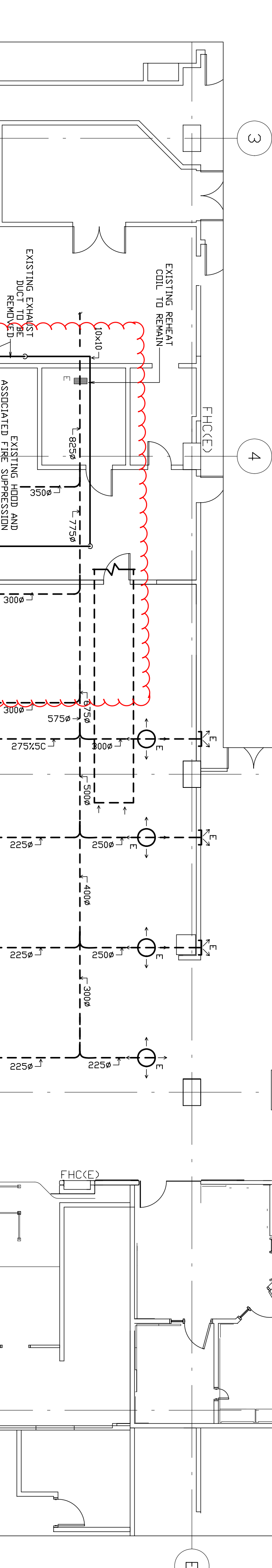
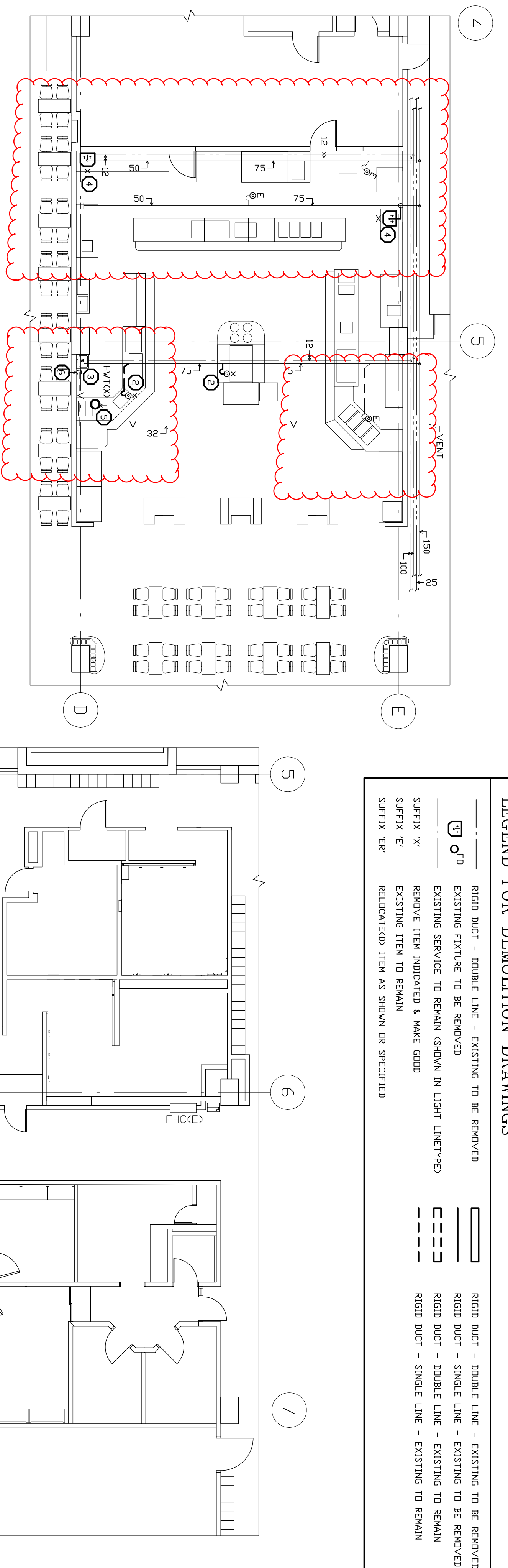
**ENSO Systems Inc.**  
 5700 YONGE STREET, SUITE 200  
 TORONTO, ONTARIO M2N 4K2  
 TEL/FAX (416) 410-9855



<b>PROJECT</b>	
KAFE GBC	
CASA LOMA CAMPUS	
LEVEL 2	
160 KENDAL AVE. - TORONTO, ONTARIO	
<b>DATE</b>	<b>CHECKED</b>
JAN 2011	J.C.R.
<b>TITLE</b>	<b>DRAWING NO.</b>
PART LEVEL 2 PLAN	M1 OF 3
<b>SCALE</b>	
AS NOTED	REVISION
PROJECT	DRAWING NO.
765	M1 OF 3

**LEGEND FOR DEMOLITION DRAWINGS**

- GENERAL NOTES**
- 1 DEMOLITION DRAWINGS ARE INTENDED TO ASSIST IN CONVEYING SCOPE OF WORK. VISIT SITE TO REVIEW ALL CONDITIONS AFFECTING THE WORK.
  - 2 REMOVE EXISTING FLOOR DRAIN INCLUDING TRAP.
  - 3 REMOVE SINK AND GAB DICK, DRY, DRAIN AND VENT SERVICES IN CEILING OF FLOOR BELOW.
  - 4 CEILING ABOVE DR IN WALL AS APPLICABLE. NEW MILLWORK, CUT AND MAKE SERVICES READY FOR NEW SINK AS PER DRAWING M&E INCLUDING NEW SHUT-OFF VALVES ON DCM & IN.
  - 5 REMOVE EXISTING HOT WATER TANK AND ASSOCIATED PIPING. TURN OVER TANK TO CHALLENGE.
  - 6 REMOVE EXISTING VERTICAL PIPE TO ACCOMMODATE NEW LAYOUT AS PER M&E.
  - 7 REPLACE EXISTING FLOOR DRAIN STRAINER WITH NEW FFI STRAINER SUITABLE FOR EXISTING DRAIN.
  - 8 RELOCATE EXISTING DIFFUSER SECTION TO NEW LOCATION. REMOVE EXISTING DIFFUSERS. TRADES TO PAINT TO MATCH EXISTING.
  - 9 OBTAIN EXISTING AIR FLOW READINGS FOR ALL DIFFUSERS/REGISTERS SHOWN BEFORE COMMENCING WORK AND SUBMIT REPORT.

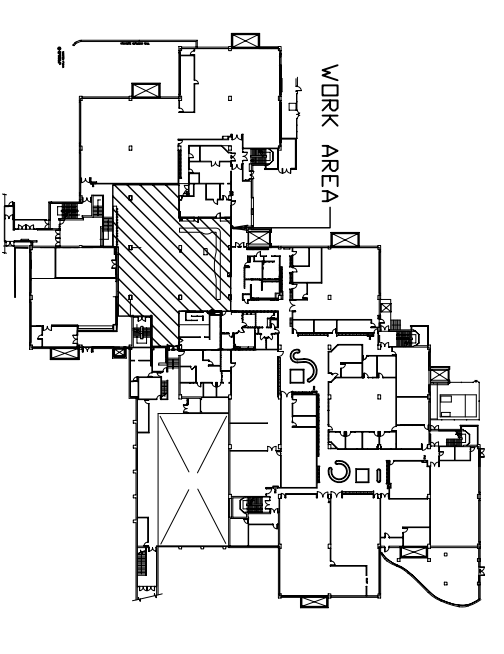


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**ENSO Systems Inc.**  
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**PROJECT**  
 KAFE GBC  
 CASA LOMA CAMPUS  
 LEVEL 2

180 KENDAL AVE. - TORONTO, ONTARIO

**DATE** JAN 2011  
**DRAWN** CAD  
**CHECKED** J.C.R.

**TITLE**  
 PART LEVEL 2 PLAN  
 DEMOLITION - MECHANICAL

**SCALE** AS NOTED  
**REVISION** DRAWING NO. M3 OF 3

**PROFESSIONAL ENGINEER**  
 J.C. RIEPING  
 LICENSÉ EN INGÉNIEUR  
 785  
 PROVINCE DE L'ONTARIO

