

GENERAL AREA CIRCUITING - TABLE #1

LIGHTING FIXTURE LOCATION CGL. 2

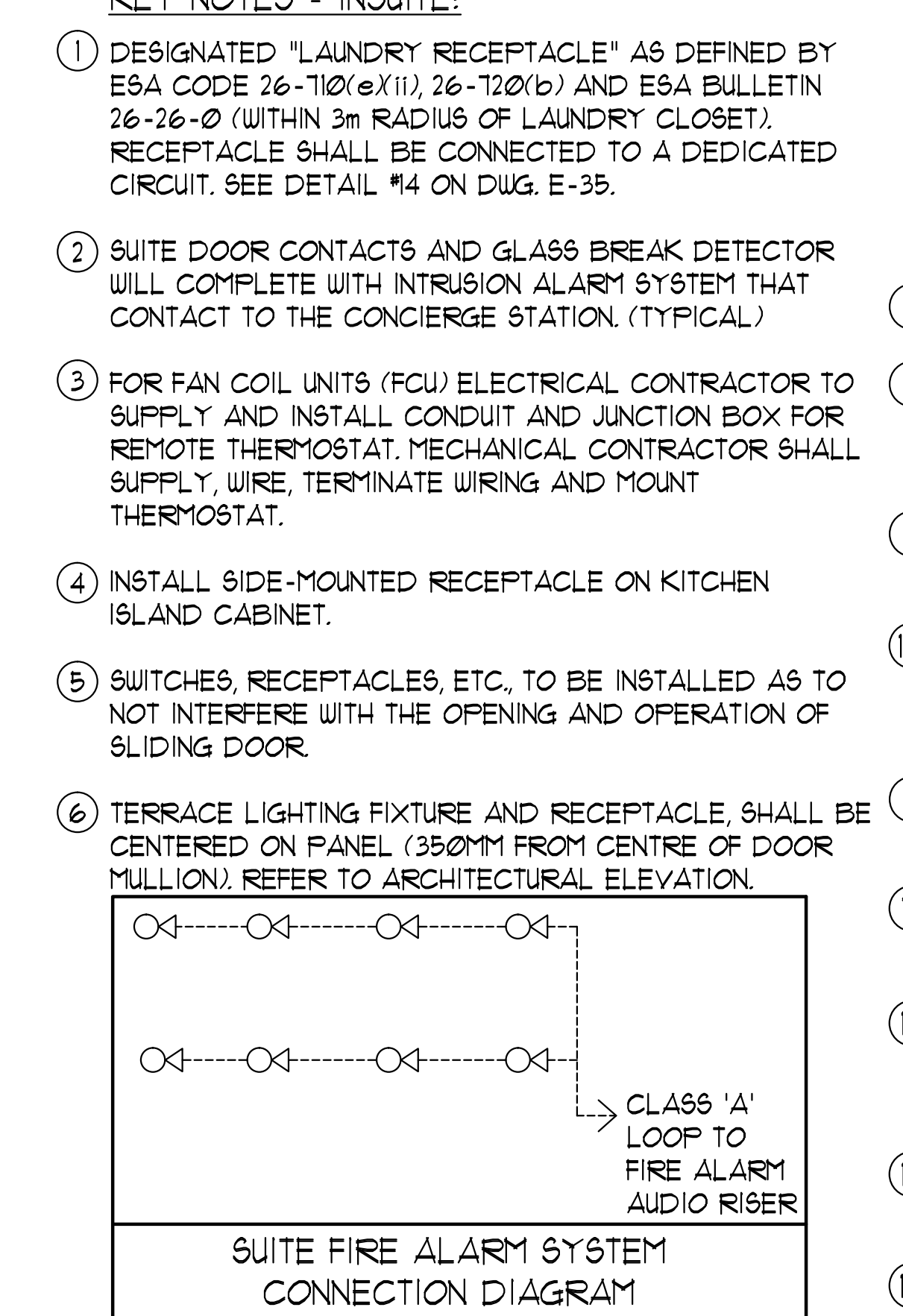
NIGHT LIGHT OR G/F TO MPH - EXIT SIGNS	E-1
MPH - EXIT SIGNS	E-3
STAIR 'A' (F2 TO G/F)	ER-1
STAIR 'B' (F2 TO G/F)	E-5
STAIR 'C' (F2 TO G/F)	E-7
STAIR 'D' (F2 TO G/F)	E-9
STAIR 'E' (F2 TO G/F)	E-11
STAIR 'F' (G/F TO 14/F)	E-13
STAIR 'G' (G/F TO 14/F)	E-15
STAIR 'H' (G/F TO 14/F)	E-17
STAIR 'I' (G/F TO 14/F)	E-19
STAIR 'J' (G/F TO 14/F)	E-21
STAIR 'K' (14/F TO MPH) 4 MPH (G/F)	ER-3ER-5R-11R-13
STAIR 'L' (14/F TO MPH) 4 MPH (G/F)	E-2E-4E-6E-8E-10E-12E-14E-16
STAIR 'M' (14/F TO MPH) 4 MPH (G/F)	B1-B2-4B-6B-8B-10B-12B-14B-16B-18B-20B-22B-24B-26B-28B-30B
CORRIDOR (2/F 4 3/F)	E-24
CORRIDOR (4/F 4 3/F)	E-26
CORRIDOR (6/F 4 3/F)	E-28
CORRIDOR (8/F TO 11/F)	E-30
CORRIDOR (12/F TO 14/F)	E-32
CORRIDOR 4 LOCKER (2/F)	B-46
CORRIDOR (3/F)	B-48
CORRIDOR (4/F)	B-50
CORRIDOR (5/F 4 6/F)	B-52
CORRIDOR (7/F 4 8/F)	B-54
CORRIDOR (9/F TO 11/F)	B-56
CORRIDOR (12/F TO 14/F)	B-58
ELEVATOR CAB	ER-6, ER-8ER-10
EXTERIOR SITE	E1-E11-3E1-5E1-7E1-9E1-6

RECEPTACLE LOCATION CGL. 2

ELEC. S. CLOSET (G/F TO 9/F)	B-2
ELEC. N. CLOSET (2/F TO 9/F)	B-4
ELEC. N. CLOSET (10/F TO 14/F)	B-6
ELEC. N. CLOSET (22/F TO 32/F)	B-8
ELEV. LOBBY (F2 TO 8/F)	B-10
CORRIDOR (2/F TO 8/F)	B-12B-14B-16B-18B-20B-22B-24
CORRIDOR (2/F TO 5/F)	B-26B-28
ELEV. LOBBY (9 TO 14/F)	B-30
CORRIDOR (13/F TO 14/F)	B-32B-34B-36B-38
STAIR 'A' (G/F) 4 J1/F 6/F 3/F	B-40
STAIR 'F' (14/F) 11/F 8/F 5/F 2/F	B-42
STAIR 'H' (14/F) 11/F 8/F 5/F 2/F	B-44
STAIR 'K' 4 MPH	R-2

KEY NOTES - INSUITE:

- DESIGNATED "LAUNDRY RECEPTACLE" AS DEFINED BY ESA CODE 26-110(e)(11), 26-120(d) AND ESA BULLETIN 26-26-0 (WITHIN 3m RADIUS OF LAUNDRY CLOSET). RECEPTACLE SHALL BE CONNECTED TO A DEDICATED CIRCUIT. SEE DETAIL #4 ON DUG. E-35.
- SUITE DOOR CONTACTS AND GLASS BREAK DETECTOR WILL COMPLETE WITH INTRUSION ALARM SYSTEM THAT CONTACT TO THE CONCEALER STATION (TYPICAL).
- FOR FAN COIL UNITS (FCU) ELECTRICAL CONTRACTOR TO SUPPLY AND INSTALL CONDUIT AND JUNCTION BOX FOR REMOTE THERMOSTAT. MECHANICAL CONTRACTOR SHALL SUPPLY WIRE, TERMINATE WIRING AND MOUNT THERMOSTAT.
- INSTALL SIDE-MOUNTED RECEPTACLE ON KITCHEN ISLAND CABINET.
- SWITCHES, RECEPTACLES, ETC. TO BE INSTALLED AS TO NOT INTERFERE WITH THE OPENING AND OPERATION OF SLIDING DOOR.
- TERRACE LIGHTING FIXTURE AND RECEPTACLE SHALL BE CENTERED ON PANEL (350MM FROM CENTRE OF DOOR MILLION). REFER TO ARCHITECTURAL ELEVATION.



MOUNTING HEIGHT SCHEDULE (TO TOP OF BOX)

OUTLET	SUITES	PUBLIC AREA
RECEPTACLE	400 MM AFF.	400 MM AFF.
TV OUTLET	400 MM AFF.	400 MM AFF.
TELEPHONE OUTLET	400 MM AFF.	400 MM AFF.
MULTI-PORT OUTLET	400 MM AFF.	400 MM AFF.
SWITCH	1200 MM AFF.	1200 MM AFF.
SECURITY PANEL	1200 MM AFF.	
SILENCE SWITCHES	1200 MM AFF.	
THERMOSTAT	1200 MM AFF.	1200 MM AFF.
INTERCOM		1200 MM AFF.
V.C. HANDSET		1200 MM AFF.
FULL STATION		1200 MM AFF.

- GENERAL NOTES - RESIDENTIAL:**
- ELECTRICAL DRAWINGS SHALL BE READ IN CONJUNCTION WITH MECHANICAL, STRUCTURAL, ARCHITECTURAL AND LANDSCAPE DRAWINGS.
 - CONTRACTOR SHALL RUN CABLES WITHIN CEILING SLAB OR ENCLOSURES TO RETAIN 2 HOUR FIRE PROTECTION RATING FOR ALL LOADS THAT CONNECT TO EMERGENCY POWER.
 - FIRE ALARM RISERS SHALL BE RUN IN 2 HOUR FIRE RATED ELECTRICAL CLOSET. REFER TO DUG. E-32 FOR RISER DIAGRAM AND DETAILS.
 - STAIRWAY WALL MOUNTED EMERGENCY LIGHT FIXTURES SHALL BE MOUNTED @ 1' AFF. MIN.
 - FOR STORAGE ROOM VENTILATION SYSTEM, DIV. 16 TO PROVIDE CONDUIT, WIRING AND SWITCH (S) TO START/STOP FAN AND DAMPER. FAN AND 110V ACTUATOR TO BE SUPPLIED AND INSTALLED BY DIV. 15.
 - FOR UTILITY ROOM VENTILATION SYSTEM, DIV. 15 WILL PROVIDE LINE WIRING THERMOSTAT (T) TO DIV. 16. DIV. 16 TO PROVIDE CONDUIT AND WIRING TO START/STOP FAN AND DAMPER VIA THERMOSTAT. FAN AND 110V ACTUATOR TO BE SUPPLIED AND INSTALLED BY DIV. 15.
 - FOR UNIT HEATER, DIV. 15 TO PROVIDE LINE VOLTAGE THERMOSTAT (T), DIV. 16 TO PROVIDE CONDUIT AND WIRING TO START/STOP UNIT HEATER.
 - REFER TO SPRINKLER DRAWINGS FOR FIRE PROTECTION DEVICE TO BE CONNECTED TO THE FIRE ALARM SYSTEM. THE DEVICE AND EQUIPMENT SHALL FORM AN INTEGRAL PART OF THE ELECTRICAL CONTRACT.
 - DIV. 16 SHALL SUPPLY AND INSTALL CONDUITS, WIRES AND INTERLOCK FANS TO MOTORIZED DAMPERS AND TO THE THERMOSTAT.
 - DIV. 16 SHALL SUPPLY AND INSTALL CONDUITS, WIRES AND INTERLOCK FANS TO MOTORIZED DAMPERS AND TO THE THERMOSTAT.
 - REFER TO SUITE PANEL SCHEDULES FOR INSUITE CIRCUIT ARRANGEMENT.
 - ALL DUELLING UNIT RECEPTACLES EXCEPT IN KITCHEN SHALL BE TAMPER PROOF.
 - PROVIDE GROUND FAULT PROTECTION FOR SUITE KITCHEN, AMENITY KITCHEN AND WASHROOM RECEPTACLES WITHIN 1500mm OF SINK.
 - PROVIDE TELECOMMUNICATION BOX C/W BUILT-IN RECEPTACLE FOR TELECOMMUNICATION. TELECOMMUNICATION BOX SHALL BE COMPLIANT WITH THE TELECOM SERVICE PROVIDER SPECIFICATION. REFER TO DETAIL #9 ON DUG. E-35 FOR TELECOM JUNCTION BOX INSTALLATION.
 - DRYER SENSOR TO START DRYER VENTILATION FAN AUTOMATICALLY WHEN DRYER IS RUNNING.
 - ALL SMOKE ALARMS WITHIN THE SUITE SHALL BE HARDWIRED TOGETHER AND TO A 15A, 1P CIRCUIT BREAKER AHEAD OF OTHER LOADS.
 - ALL OUTDOOR RECEPTACLES SHALL BE WEATHERPROOF (LEGRADE CAT# 3232TRUR-GRY FOR NON-GFCI AND CAT# 1935TRUR-GRY FOR GFCI) AND SHALL BE EQUIPPED WITH A WHITE IN USE CAST ALUMINUM COVERPLATE (LEGRADE CAT# WUCASTI) COVERPLATE.

- KEY NOTES - RESIDENTIAL - COMMON AREA:**
- FOR CIRCUITING, REFER TO TABLE #1.
 - PROVIDE ALARM SMOKE SMOKE DETECTOR AND RECEPTACLE AT EVERY THIRD FLOOR STAIR WELL STARTING FROM TOP FLOOR. AS PER TO DUG. E-32 FOR FIRE ALARM RISER DIAGRAM.
 - PROVIDE TELECOMMUNICATION BACKBOARD C/W 110V, 1A, 15A RECEPTACLE AS PER COMMUNICATION RISER DIAGRAM ON DUG. E-31.
 - CONTRACTOR SHALL REFER TO ELECTRICAL SINGLE LINE DIAGRAM ON DUG. E-30 AND SDP RISER ON DUG. E-31 FOR SDP LOCATIONS AND DISTRIBUTION.
 - PROVIDE CONDUIT AS PER RISER DETAIL #9 ON DUG. E-35 FOR TRISORTER CONTROL SYSTEM.
 - REFER TO SUPERVISED VALVE AND FLOW SWITCH SCHEDULE ON DUG. E-33 FOR DETAILS ON TYPICAL FLOORS.
 - EMERGENCY LIGHT FIXTURES IN LOCKERS, STORAGE, GARBAGE, UTILITY AND SERVICE ROOMS SHALL BE CONNECTED TO BOTH NORMAL AND EMERGENCY POWER AS PER DETAIL #21 ON DUG. E-35.
 - ALLOCATE 2, 120V, 15A, CIRCUITS FROM PANEL "LP-F" FOR MECHANICAL CONTROL, CONTRACTOR COORDINATE WITH DIV. 15 FOR EXACT LOCATION.
 - SWING STAGE WINDOW WASHING TWIST LOCK WITH LOCKOUTS RECEPTACLE 30A, 3P, 208V, 5WIRE (L1B-30R).
 - REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT AND EXACT LOCATION OF EXTERIOR WALL MOUNTED LIGHT FIXTURE.
 - DEDICATED FLOOR MOUNTED RECEPTACLE FOR FITNESS EQUIPMENT. REFER TO FITNESS EQUIPMENT DRAWING FOR EXACT LOCATION.
 - REFER TO INTERIOR DESIGNER/LANDSCAPE/ARCHITECTURAL DRAWINGS FOR EXACT LOCATION FOR FRIDGE, MICROWAVE AND OVER COUNTER RECEPTACLES.
 - 1-APC SMART-UPS 150VA WITH LCD (120V) FOR EACH INTERCOM.
 - DOORS RELEASED TO OPEN ON FIRE ALARM ACTIVATION.
 - ACTIVATION OF FIRE ALARM SYSTEM SHALL ACTIVATE THE SUPPLY FANS. WHEN THE DUCT TYPE SMOKE DETECTOR IS ACTIVATED, THE ASSOCIATED SUPPLY FAN SHALL BE TURNED OFF WHEN THE MOTORIZED DAMPER IS ACTIVATED, THE DOOR SHALL BE RELEASED AND OPENED.
 - PROVIDE "CACF" SIGN-RED LETTERS ON WHITE BACKGROUND WHICH FLASHES WHEN FIRE ALARM SYSTEM IS ACTIVATED.
 - LIGHT FIXTURES TYPE E SHALL BE CONNECTED TO TIMER SWITCH TO BE "LIGHT ON AT NIGHT"

ELECTRICAL LEGEND

LIGHTING

FLUORESCENT LIGHT FIXTURE, TYPE AS INDICATED
LIGHT CONNECTED TO EMERGENCY POWER
CEILING MOUNTED WALL MOUNTED LIGHT FIXTURE, INCREASED LETTER DENOTES TYPE
POLE MOUNTED LIGHT FIXTURE, INCREASED LETTER DENOTES TYPE
CARRIED CEILING LIGHT OUTLET
TRACK LIGHT
STRIP LIGHT
UNDER CABINET FLUORESCENT LIGHT FIXTURE
CEILING MOUNTED WALL MOUNTED EXIT SIGN
INTELLIGENT EMERGENCY LAMP RECYCLE HEAD
EMERGENCY BATTERY PACK
OCCUPANCY SENSOR POWER PACKS
SINGLE/DOUBLE POLE SINGLE/DOUBLE THROW TOGGLE SWITCH RESPECTIVELY
1/4" x 1/4" (3/4" x 3/4") DENOTES 3-WAY/4-WAY FLOOR LIGHT, DIMMER SWITCHED LIGHT RESPECTIVELY
MASTER LIGHTING SHUT-OFF SWITCH
SENSOR WALL SWITCH, SELF POWERED
OCCUPANCY SENSOR, CEILING MOUNTED

POWER

REGULAR DUPLEX RECEPTACLE
DUPLEX RECEPTACLE, GROUND FAULT INTERRUPT
3-PHASE 4-WIRE DUPLEX RECEPTACLE
ANGLE RECEPTACLE TYPE AND CONFIGURATION AS SPECIFIED FOR DRIVER
CONNECTION FOR OVERCOUNTER
ANGLE RECEPTACLE TYPE AND CONFIGURATION AS SPECIFIED FOR DRIVER
CEILING MOUNTED DEVICES
FLOOR MOUNTED DEVICES
DISCONNECT SWITCH, NON-FUSED
DISCONNECT SWITCH, FUSED
OPERATION STARTER
FRACTIONAL MOTOR, DIRECT CONNECTION
DIRECT CONNECTION, SINGLE PHASE
DIRECT CONNECTION, THREE PHASE
THERMOSTAT
DRYER SENSOR
HEAT TRACE
ELECTRICAL HEATER
ELECTRICAL PANEL / SECURITY PANEL

TELECOMMUNICATION

TV CABLE OUTLET
TELEPHONE OUTLET
TELEPHONE / CABLE (MULTI-PORT) OUTLET
DATA OUTLET
DATA/TELEPHONE OUTLET
SUITE TELECOM BOX C/W RECEPTACLE
WIFI LOCATION
VIDEO INTERCOM
RADIO RECEIVER

SECURITY

INTERCOM / ENTERPHONE
INTERCOM WITH CAMERA
PANIC BUTTON / PANIC INTERCOM STATION
CARD READER
AUTOMATIC RELEASE CARD ACCESS/RADIO RECEIVER
ELECTRIC STRIKE
MAGLOCK
DOOR CONTACT / WINDOW CONTACT
GLASS BREAK DETECTOR
AUTOMATIC DOOR OPERATOR
MOTION DETECTOR
PUSH BUTTON
SECURITY CAMERA

LIFE SAFETY

FIRE ALARM SMOKE DETECTOR
SMOKE ALARM
FIRE ALARM DUCT TYPE SMOKE DETECTOR
FIRE ALARM HEAT DETECTOR
FIXED TEMP. 68 °C DEGREE HEAT DETECTOR
MOISTURE PROOF HEAT DETECTOR
CO ALARM
CO ALARM SMOKE 1 CO ALARM
CO SENSOR / NO SENSOR
FIRE ALARM MANUAL PULL STATION
FIRE ALARM SPOKE/WALL MTD.
FIRE ALARM SPOKE/WALL MTD.
FIRE ALARM SPOKE/RODRE CEILING MTD.
FIRE ALARM SPOKE/RODRE CEILING MTD.
FIRE ALARM ANNUNCIATOR PANEL
FIRE ALARM ANNUNCIATOR PANEL

REVISIONS

NO.	DATE	DESCRIPTION
01		ISSUED FOR R.I. #1
02		ISSUED FOR R.I. #2
03		ISSUED FOR R.I. #3
04		ISSUED FOR R.I. #4
05		ISSUED FOR R.I. #5
06		ISSUED FOR R.I. #6
07		ISSUED FOR R.I. #7
08		ISSUED FOR R.I. #8
09		ISSUED FOR R.I. #9
10		ISSUED FOR R.I. #10
11		ISSUED FOR R.I. #11
12		ISSUED FOR R.I. #12
13		ISSUED FOR R.I. #13
14		ISSUED FOR R.I. #14
15		ISSUED FOR R.I. #15
16		ISSUED FOR R.I. #16
17		ISSUED FOR R.I. #17
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27		ISSUED FOR R.I. #27
28		ISSUED FOR R.I. #28
29		ISSUED FOR R.I. #29
30		ISSUED FOR R.I. #30

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DRAWING TITLE
G/F SOUTH FLOOR PLAN LIGHTING LAYOUT

PROJECT FILE
ALEXANDRA PARK

38 CAMERON STREET, BLOCK II TORONTO ONTARIO

DRAWN BY: S.O. **CHECKED BY:** S.T. **SCALE:** 1:50

DATE: FEB, 13 **PROJECT NUMBER:** 1313 **DRAWING NUMBER:** E-6

