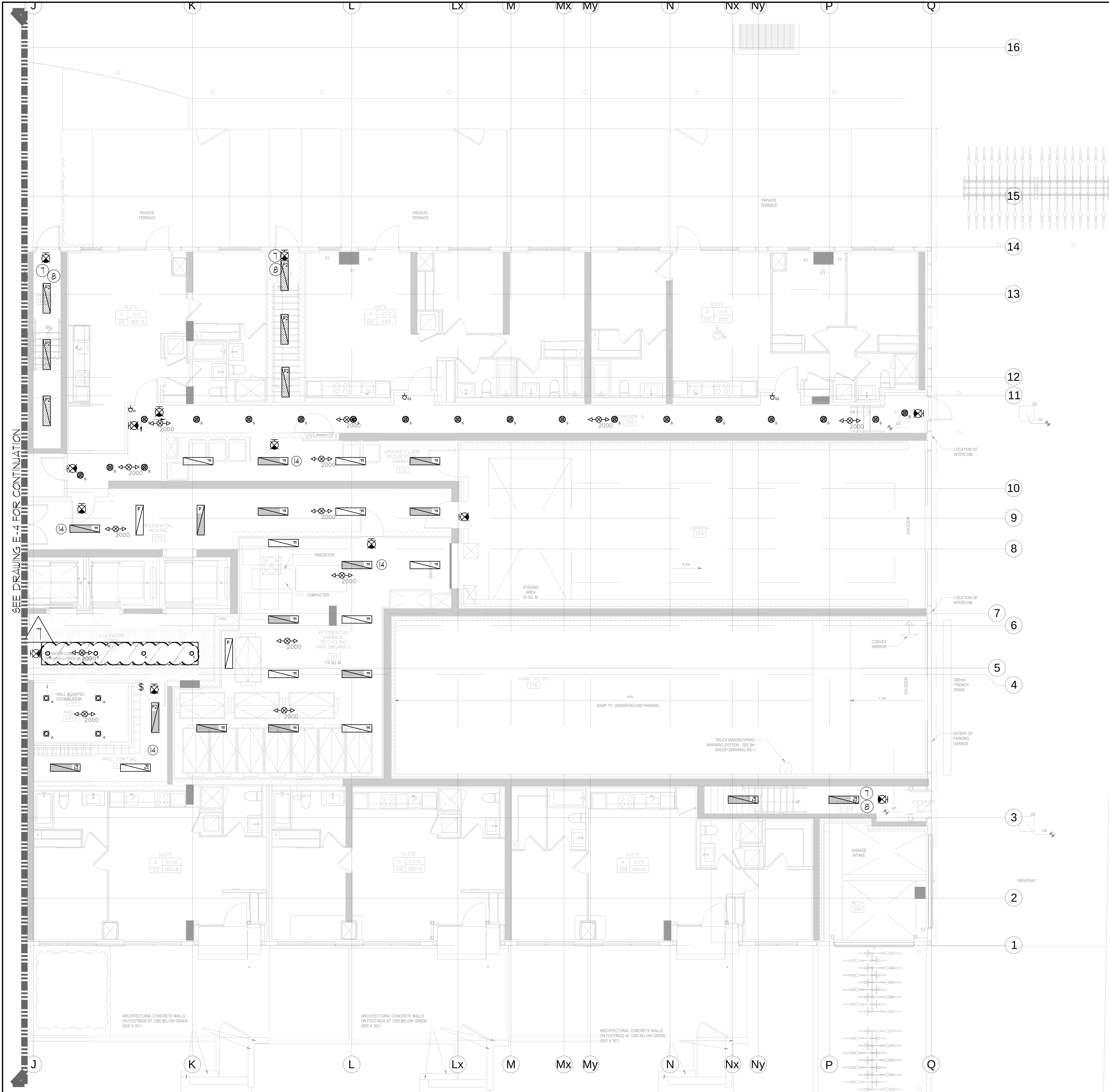




GENERAL AREA CIRCUITING - TABLE #1		
LIGHTING FIXTURE LOCATION		CCT.*
P2 TO P1 - EXIT SIGNS	E-1	
G/F TO P1 - EXIT SIGNS	E-3	
MPH - EXIT SIGNS	ER-1	
STAIR 'A' (P2 TO G/F)	E-5	
STAIR 'B' (P2 TO G/F)	E-7	
STAIR 'C' (G/F TO 4/F)	E-9	
STAIR 'D' (5/F TO 3/F)	E-11	
STAIR 'E' (G/F TO 14/F)	E-13	
STAIR 'F' (G/F TO 14/F)	E-15	
STAIR 'G' (14/F TO MPH) & MPH	ER-3ER-5ER-11R-15	
(G/F)	E-2E-4E-6E-8E-10E-12E-14E-16	
(G/F)	B-1B-3-4B-6B-8B-10B-12B-14B-16	
(G/F)	B-18B-20B-22B-24B-26B-28B-30	
CORRIDOR (2/F 4 3/F)	E-24	
CORRIDOR (4/F 4 5/F)	E-26	
CORRIDOR (6/F 4 1/F)	E-28	
CORRIDOR (8/F TO 11/F)	E-30	
CORRIDOR (12/F TO 14/F)	E-32	
CORRIDOR & LOBBY (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	EI-1EI-3EI-5EI-7EI-9EI-11EI-13	
RECEPTACLE LOCATION		CCT.*
ELEC. S. CLOSET (G/F TO 3/F)	B-2	
ELEC. N. CLOSET (2/F TO 3/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 (P2 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 (9/F TO 14/F)	B-32B-34B-36B-38	
STAIR A (G/F) & J/9/F & 3/F	B-40	
STAIR F (14/F) & 8/F & 5/F & 2/F	B-42	
STAIR H (14/F) & 8/F & 5/F & 2/F	B-44	
STAIR 'K' & 1 MPH	R-2	

KEY NOTES - INSUITE:

① DESIGNATED "LAUNDRY RECEPTACLE" AS DEFINED BY ESA CODE 26-110(e)(1), 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.

② SUITE DOOR CONTACTS AND GLASS BREAK DETECTOR WILL COMPLETE WITH INTRUSION ALARM SYSTEM THAT CONNECTS TO THE CONCIERGE STATION (TYPICAL).

③ 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.

④ INSTALL SIDE-MOUNTED RECEPTACLE ON KITCHEN ISLAND CABINET.

⑤ SWITCHES, RECEPTACLES, ETC., TO BE INSTALLED AS TO NOT INTERFERE WITH THE OPENING AND OPERATION OF SLIDING DOOR.

⑥ TERRACE LIGHTING FIXTURE AND RECEPTACLE, SHALL BE CENTERED ON PANEL (350MM FROM CENTRE OF DOOR MULLION). REFER TO ARCHITECTURAL ELEVATION.

KEY NOTES - RESIDENTIAL - COMMON AREA:

① FOR CIRCUITING, REFER TO TABLE #1.

② PROVIDE ALARM SPEAKER, 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.

③ PROVIDE TELECOMMUNICATION BACKBOARD C/W 15V, 1A, 15A RECEPTACLE AS PER COMMUNICATION RISER DIAGRAM ON DUG. E-31.

④ CONTRACTOR SHALL REFER TO ELECTRICAL SINGLE LINE DIAGRAM ON DUG. E-30 AND SDP RISER ON DUG. E-31 FOR SDP LOCATIONS AND DISTRIBUTION.

⑤ PROVIDE CONDUIT AS PER RISER DETAIL #13 ON DUG. E-35 FOR FIRE DETECTOR SYSTEM.

⑥ REFER TO SUPERVISED VALVE AND FLOW SWITCH SCHEDULE ON DUG. E-33 FOR DETAILS ON TYPICAL FLOORS.

⑦ EMERGENCY LIGHT FIXTURES IN LOCKERS, STORAGE, GARBAGE, UTILITY AND SERVICE ROOMS SHALL BE CONNECTED TO BOTH NORMAL AND EMERGENCY POWER AS PER DETAIL #71 OF DUG. E-35.

⑧ ALLOCATE 2, 120V, 15A, CIRCUITS FROM PANEL 'LFP-P' FOR MECHANICAL CONTROL, CONTRACTOR COORDINATE WITH DIV. 15 FOR EXACT LOCATION.

⑨ SWING STAGE WINDOW WASHING TUB LOCK WITH LOCKOUTS RECEPTACLE 30A, 3P, 208V, WIRE (L1B-30R).

⑩ REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT AND EXACT LOCATION OF EXTERIOR WALL MOUNTED LIGHT FIXTURE.

⑪ DEDICATED FLOOR MOUNTED RECEPTACLE FOR FITNESS EQUIPMENT. EXACT LOCATION TO BE VERIFIED ON SITE.

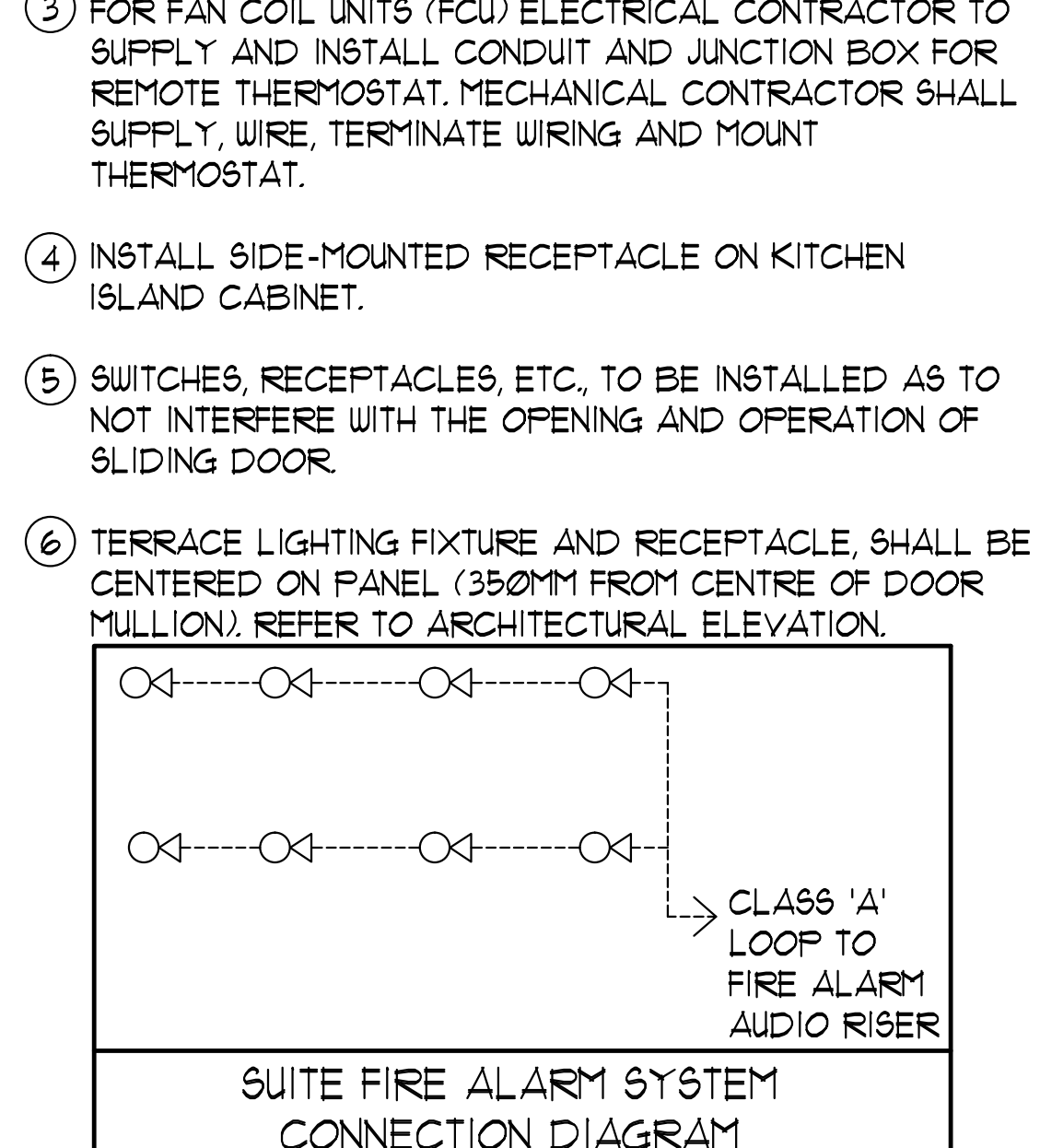
⑫ REFER TO INTERIOR DESIGNER/LANDSCAPE/ARCHITECTURAL DRAWINGS FOR EXACT LOCATION FOR FRIDGE, MICROWAVE AND OVER COUNTER RECEPTACLES.

⑬ 1-APC SMART-UPS 150VA WITH LCD (120V) FOR EACH INTERCOM.

⑭ DOORS RELEASED TO OPEN ON FIRE ALARM ACTIVATION.

⑮ 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 RELEASE AND OPENED.

⑯ PROVIDE "CAUTION" SIGN-RED LETTERS ON WHITE BACKGROUND WHICH FLASHES WHEN FIRE ALARM SYSTEM IS ACTIVATED.



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.
PULL STATION		1200 MM AFF.

GENERAL NOTES - RESIDENTIAL:

1. ELECTRICAL DRAWINGS SHALL BE READ IN CONJUNCTION WITH MECHANICAL, STRUCTURAL, ARCHITECTURAL AND LANDSCAPE DRAWINGS.

2. CONTRACTOR SHALL RUN CABLES WITHIN CEILING SLAB OR ENCLOSURES TO RETAIN 2 HOUR FIRE PROTECTION RATING FOR ALL LOADS THAT CONNECT TO EMERGENCY POWER.

3. FIRE ALARM RISERS SHALL BE RUN IN 2 HOUR FIRE RATED ELECTRICAL CLOSET. REFER TO DUG. E-32 FOR RISER DIAGRAM AND DETAILS.

4. STAIRWAY WALL MOUNTED EMERGENCY LIGHT FIXTURES SHALL BE MOUNTED @ 1 AFF. MIN.

5. 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.

6. FOR UTILITY ROOM VENTILATION SYSTEM, DIV. 15 WILL PROVIDE LINE VOLTAGE 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.

7. FOR UNIT HEATER, DIV. 15 TO PROVIDE LINE VOLTAGE THERMOSTAT (T), DIV. 16 TO PROVIDE CONDUIT AND WIRING TO START/STOP UNIT HEATER.

8. 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.

9. DIV. 16 SHALL SUPPLY AND INSTALL CONDUITS, WIRES AND INTERLOCK FANS TO MOTORIZED DAMPERS AND TO THE THERMOSTAT.

10. DIV. 16 SHALL SUPPLY AND INSTALL CONDUITS, WIRES AND INTERLOCK FANS TO MOTORIZED DAMPERS AND TO THE THERMOSTAT.

11. REFER TO SUITE PANEL SCHEDULES FOR INSUITE CIRCUIT ARRANGEMENT.

12. ALL DUELLING UNIT RECEPTACLES EXCEPT IN KITCHEN SHALL BE TAMPER PROOF.

13. PROVIDE GROUND FAULT PROTECTION FOR SUITE KITCHEN, AMENITY KITCHEN AND WASHROOM RECEPTACLES WITHIN 1500mm OF SINK.

14. 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.

15. DRYER SENSOR TO START DRYER VENTILATION FAN AUTOMATICALLY WHEN DRYER IS RUNNING.

16. ALL SMOKE ALARMS WITHIN THE SUITE SHALL BE HARDWIRED TOGETHER AND TO A 15A, 1P CIRCUIT BREAKER AHEAD OF OTHER LOADS.

17. ALL OUTDOOR RECEPTACLES SHALL BE WEATHERPROOF (LEGRADE CAT* 3232TRUR-GRY FOR NON-GFCI AND CAT* 1532TRUR-GRY FOR GFCI) AND SHALL BE EQUIPPED WITH A WHILE IN USE CAST ALUMINUM COVERPLATE (LEGRADE CAT* WUCASTU) COVERPLATE.

KEY NOTES - RESIDENTIAL - COMMON AREA:

① FOR CIRCUITING, REFER TO TABLE #1.

② PROVIDE ALARM SPEAKER, 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.

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④ CONTRACTOR SHALL REFER TO ELECTRICAL SINGLE LINE DIAGRAM ON DUG. E-30 AND SDP RISER ON DUG. E-31 FOR SDP LOCATIONS AND DISTRIBUTION.

⑤ PROVIDE CONDUIT AS PER RISER DETAIL #13 ON DUG. E-35 FOR FIRE DETECTOR SYSTEM.

⑥ REFER TO SUPERVISED VALVE AND FLOW SWITCH SCHEDULE ON DUG. E-33 FOR DETAILS ON TYPICAL FLOORS.

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⑩ REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT AND EXACT LOCATION OF EXTERIOR WALL MOUNTED LIGHT FIXTURE.

⑪ DEDICATED FLOOR MOUNTED RECEPTACLE FOR FITNESS EQUIPMENT. EXACT LOCATION TO BE VERIFIED ON SITE.

⑫ REFER TO INTERIOR DESIGNER/LANDSCAPE/ARCHITECTURAL DRAWINGS FOR EXACT LOCATION FOR FRIDGE, MICROWAVE AND OVER COUNTER RECEPTACLES.

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⑯ PROVIDE "CAUTION" SIGN-RED LETTERS ON WHITE BACKGROUND WHICH FLASHES WHEN FIRE ALARM SYSTEM IS ACTIVATED.

ELECTRICAL LEGEND		
LIGHTING		
	FLUORESCENT LIGHT FIXTURE, TYPE AS INDICATED	
	LIGHT CONNECTED TO EMERGENCY POWER	
	CEILING MOUNTED LIGHT FIXTURE, TYPE AS INDICATED	
	POLE MOUNTED LIGHT FIXTURE, TYPE AS INDICATED	
	CARRIED CEILING LIGHT OUTLET	
	TRACK LIGHT	
	STRIP LIGHT	
	UNDER CABINET FLUORESCENT LIGHT FIXTURE	
	CEILING MOUNTED WALL MOUNTED EXIT SIGN	
	SINGLEHEAD EMERGENCY LAMP REMOTE HEAD	
	EMERGENCY BATTERY PACK	
	OCCUPANCY SENSOR POWER PACK	
	SINGLE/TWO/THREE POLE SINGLE/TWO/THREE THROW TOGGLE SWITCH RESPECTIVELY	
	13/14/15/16/17/18/19/20/21/22/23/24/25/26/27/28/29/30/31/32/33/34/35/36/37/38/39/40/41/42/43/44/45/46/47/48/49/50/51/52/53/54/55/56/57/58/59/60/61/62/63/64/65/66/67/68/69/70/71/72/73/74/75/76/77/78/79/80/81/82/83/84/85/86/87/88/89/90/91/92/93/94/95/96/97/98/99/100	
	MASTER LIGHTING SHUT-OFF SWITCH	
	SENSOR WALL SWITCH PIR SELF POWERED	
	OCCUPANCY SENSOR CEILING MOUNTED	
POWER		
	REGULAR DUPLEX RECEPTACLE	
	DUPLEX RECEPTACLE GROUND FAULT INTERRUPT	
	5-60A 1-Pole DUPLEX RECEPTACLE	
	SINGLE RECEPTACLE TYPE AND CONFIGURATION AS SPECIFIED FOR DRYER	
	CONNECTION FOR OVEN/COOKTOP	
	ABOVE COUNTER DEVICE	
	CEILING MOUNTED DEVICES	
	FLOOR MOUNTED DEVICES	
	DISCONNECT SWITCH NON-FUSED	
	DISCONNECT SWITCH FUSED	
	COMBINATION STARTER	
	FRACTIONAL MOTOR/FAN DIRECT CONNECTION	
	DIRECT CONNECTION SINGLE PHASE	
	DIRECT CONNECTION THREE PHASE	
	THERMOSTAT	
	DRYER SENSOR	
	HEAT TRACE	
	ELECTRICAL HEATER	
	ELECTRICAL PANEL - SECURITY PANEL	
TELECOMMUNICATION		
	TYCABLE OUTLET	
	TELEPHONE OUTLET	
	TELEPHONE CABLE MULTI-PORT OUTLET	
	DATA OUTLET	
	DATA/TELEPHONE OUTLET	
	SUITE TELECOM BOX C/W RECEPTACLE	
	UPI LOCATION	
	VIDEO INTERCOM	
	RADIO RECEIVER	
SECURITY		
	INTERCOM - INTERPHONE	
	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	
	COMBINATION SMOKE & CO ALARM	
	CO SENSOR / NO SENSOR	
	FIRE ALARM MANUAL PULL STATION	
	FIREFIGHTER'S HANDSET	
	FIRE ALARM SPEAKER/STROBE WALL MTD.	
	FIRE ALARM SPEAKER WALL MTD.	
	FIRE ALARM SPEAKER/STROBE CEILING MTD.	
	FIRE ALARM SPEAKER CEILING MTD.	
	FIRE ALARM ANNUNCIATOR PANEL	
	FIRE ALARM CONTROL PANEL	
REVISIONS		
NOVA	DATE	DESCRIPTION
1	2013-01-15	ISSUED FOR B.I. 1-5
2	2013-01-15	ISSUED FOR SECURITY DESIGN
3	2013-01-15	ISSUED FOR B.I. 6-10
4	2013-01-15	ISSUED FOR DESIGN
5	2013-01-15	ISSUED FOR DESIGN
6	2013-01-15	ISSUED FOR DESIGN
7	2013-01-15	ISSUED FOR DESIGN
8	2013-01-15	ISSUED FOR DESIGN
9	2013-01-15	ISSUED FOR DESIGN
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13	2013-01-15	ISSUED FOR DESIGN
14	2013-01-15	ISSUED FOR DESIGN
15	2013-01-15	ISSUED FOR DESIGN
16	2013-01-15	ISSUED FOR DESIGN
17	2013-01-15	ISSUED FOR DESIGN
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29	2013-01-15	ISSUED FOR DESIGN
30	2013-01-15	ISSUED FOR DESIGN
31	2013-01-15	ISSUED FOR DESIGN
32	2013-01-15	ISSUED FOR DESIGN
33	2013-01-15	ISSUED FOR DESIGN
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35	2013-01-15	ISSUED FOR DESIGN
36	2013-01-15	ISSUED FOR DESIGN
37	2013-01-15	ISSUED FOR DESIGN
38	2013-01-15	ISSUED FOR DESIGN
39	2013-01-15	ISSUED FOR DESIGN
40	2013-01-15	ISSUED FOR DESIGN
41	2013-01-15	ISSUED FOR DESIGN
42	2013-01-15	ISSUED FOR DESIGN
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73	2013-01-15	ISSUED FOR DESIGN
74	2013-01-15	ISSUED FOR DESIGN
75	2013-01-15	ISSUED FOR DESIGN