

GENERAL NOTES - RESIDENTIAL:

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

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

3. STAIRWAY WALL MOUNTED EMERGENCY LIGHT FIXTURES SHALL BE MOUNTED @ 1' AFF.

4. EMERGENCY LIGHT FIXTURES IN LOCKERS, STORAGE, GARBAGE, UTILITY AND SERVICE ROOMS SHALL BE CONNECTED TO BOTH NORMAL AND EMERGENCY POWER AS PER DETAIL #1 OF DUG. E-35.

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. 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.

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

9. ALL DWELLING UNIT RECEPTACLES EXCEPT IN KITCHEN SHALL BE TAMPER PROOF.

10. PROVIDE GROUND FAULT PROTECTION FOR SUITE KITCHEN AND WASHROOM RECEPTACLES WITHIN 150mm Ø OF SINK.

11. PROVIDE TELECOMMUNICATION BOX C/W BUILT-IN RECEPTACLE FOR TELECOMMUNICATION. TELECOMMUNICATION BOX SHALL BE COMPLIANT WITH THE TELECOM SERVICE PROVIDER SPECIFICATION. REFER TO DETAIL #3 ON DUG. E-35 ON COMMUNICATION JUNCTION BOX INSTALLATION.

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

13. ALL SMOKE ALARMS WITHIN THE SUITE SHALL BE HARDWIRED TOGETHER AND TO A ISA, IF CIRCUIT BREAKER AHEAD OF OTHER LOADS.

14. ALL DWELLING UNIT RECEPTACLES, INCLUDING KITCHEN CHOUNTER RECEPTACLES, OF CSA CONFIGURATION 5-15R AND 5-20R SHALL BE TAMPER RESISTANT RECEPTACLES WITH EXCEPTION OF RECEPTACLES DESIGNATED FOR STATIONARY APPLICATIONS SUCH THAT THE RECEPTACLE IS RENDERED UNACCESSIBLE, OR THOSE LOCATED ABOVE 2m FROM THE FLOOR OR FINISHED GRADE, RULE 26-112(g), 26-112(h). BULLETIN 26-25-11.

15. ALL BEDROOM RECEPTACLES SHALL BE CONNECTED TO ARC-FAULT CIRCUIT BREAKERS (AFGI).

16. RECEPTACLES INSTALLED IN A DINING AREA FORMING PART OF A KITCHEN OF A DWELLING UNIT SHALL BE SUPPLIED BY A BRANCH CIRCUIT THAT DOES NOT SUPPLY ANY OTHER OUTLETS. RULE 26-122(a).

KEY NOTES - RESIDENTIAL:

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-35 FOR FIRE ALARM RISER DIAGRAM.

3. REFER TO SUPERVISORY VALVE AND FLOW SWITCH SCHEDULE ON DUG. E-35X FOR DETAILS ON TYPICAL FLOORS.

4. PROVIDE TELECOMMUNICATION BACKBOARD C/W 115V, 1A, 15A RECEPTACLE AS PER COMMUNICATION RISER DIAGRAM ON DUG. E-31.

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

6. PROVIDE CONDUIIT AS PER RISER DETAIL #3 ON DUG. E-35 FOR BISORTER/TRISORTER CONTROL SYSTEM.

7. ALL SUITE DOOR CONTACTS WILL COMPLETE WITH INTRUSION ALARM SYSTEM THAT CONTACT TO THE CONCERGE STATION.

8. DESIGNATED "LAUNDRY RECEPTACLE" AS DEFINED BY ESA CODE 26-112(e)(ii), 26-112(i)(v) AND ESA BULLETIN 26-26-0 (WITHIN 2m RADIUS OF LAUNDRY CLOSET); RECEPTACLE SHALL BE CONNECTED TO A DEDICATED CIRCUIT. SEE DETAIL #4 ON DUG. E-35.

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

10. FOR FAN COIL UNITS (FCU-X) ELECTRICAL CONTRACTOR TO SUPPLY AND INSTALL CONDUIIT, AND JUNCTION BOX FOR REMOTE THERMOSTAT. MECHANICAL CONTRACTOR SUPPLY AND WIRE THERMOSTATS, MOUNT THERMOSTAT AND TERMINATE WIRING.

ELECTRICAL LEGEND

LIGHTING

FLOURESCIENT LIGHT FIXTURE TYPE AS INDICATED

NIGHT LIGHT OR LIGHT CONNECTED TO EMERGENCY POWER

CYLINDRICAL MOUNTED MOUNTED LIGHT FIXTURE, INCROBLED LETTER DEOTES TYPE

INCROBLED LETTER DEVOTES TYPE

CAFFED CEILING LIGHT OUTLET

TRACK LIGHT

SPOT LIGHT

UNDER CABINET FLOURESCENT LIGHT FIXTURE

GELING MOUNTED MOUNTED LIGHT FIXTURE, INCROBLED LETTER DEVOTES TYPE

SINGLEGLUED EMERGENCY LAMP REMOVE HEAD

EMERGENCY BATTERY PACK

OCCUPANCY SENSOR POWER PAKCS

ANGLE/ROTATION POSE ANGLE/ROTATION/TWEE THROUGH TUBULE BUTH RESPECTIVELY

TO DEVICES SHUT-HAD PILOT LIGHT, OTHER ILLUMINATED LIGHT RESPECTIVELY

MASTER LIGHTING SHUT-OFF SWITCH

SENSOR WALL SWITCH FIR SELF POWERED

OCCUPANCY SENSOR CELING MOUNTED

POWER

REGULAR DUPLEX RECEPTACLE

DUPLEX RECEPTACLE, GROND FAULT INTERRUPT

5-20R 15-AO DUPLEX RECEPTACLE

SINGLE RECEPTACLE, TYPE AND CONFIGURATION AS SPECIFIED FOR OWNER

CONNECTION FOR OVERCLOCKTOP

Above CENTER DEVICE

MOUNTED DEVICES

FLOOR MOUNTED DEVICES

DISCONNECT SWITCH PHASED

DISCONNECT SWITCH UNPHASED

COINATION 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

TV/CABLE OUTLET

TELEPHONE OUTLET

DATA OUTLET (MULTI-PORT OUTLET)

DATE/TELEPHONE OUTLET

IN SITE TELECOM BOX C/W RECEPTACLE

URL LOCATION

"MUSIC SPEAKER" / VOUME CONTROL

RADIO RECEIVER

SECURITY

INTERCOM / ENTERPHONE

INTERCOM WITH CAMERA

PUBLIC PHONE / PANIC INTERCOM STATION

CARD READER

AUTOMATIC RELEASE CARD ACCESS/RADIO RECEIVER

ELECTRIC STRIKE

HOLLOCK

DOOR CONTACT / WINDOW CONTACT

AUTOMATIC DOOR OPERATOR

MOTION DETECTOR

PUSH BUTTON

SECURITY CAMERA

LIFE SAFETY

FIRE ALARM SMOKE DETECTOR

SPOKE ALARM

FIRE ALARM DUCT TYPE SMOKE DETECTOR

FIRE ALARM HEAT DETECTOR

FIXED TEMP. 68 °C DEGREE HEAT DETECTOR

SMOKE PROOF HEAT DETECTOR

CO ALARM

COINATION SPOKE + CO ALARM

NO SENSOR

FIRE ALARM MANUAL CALL STATION

FIREFIGHTER'S HANDSET

FIRE ALARM STROBE/LORN, WALL LTD.

FIRE ALARM PIN/HORN, WALL LTD.

FIRE ALARM SPEAKER/SPEAKER CEILING LTD.

FIRE ALARM SPEAKER, GELING LTD.

FIRE ALARM ANNOCIATOR PANEL

FIRE ALARM CONTROL PANEL

REVIEWS

CONTRACTOR MUST CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS ON THE JOB AND REPORT DISCREPANCIES TO THE ENGINEER BEFORE PROCEEDING WITH THE WORK. THIS DRAWING IS THE PROPERTY OF THE ENGINEER AND NOT BE LOANED OR COPIED WITHOUT PERMISSION OF THE ENGINEER.

DRAWINGS ARE NOT TO BE SCALED

NOVA

TREND

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FOURTH FLOOR

3/F SOUTH FLOOR PLAN

ELECTRICAL LAYOUT

PROJECT TITLE:

ALEXANDRA PARK

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