

DEVICES LEGEND:

OUTLETS:

- ⊕ DUPLEX RECEPTACLE, 15 A, 120 V MOUNTED LOW ON WALL
- ⊕ DUPLEX RECEPTACLE, 15 A, 120 V MOUNTED AT COUNTER HEIGHT OR UP NEAR CEILING WHEN USED FOR EMERGENCY LIGHT.
- ⊕ GFCI DUPLEX RECEPTACLE, 15 A, 120 V AT COUNTER HEIGHT.
- ⊕ GFCI DUPLEX RECEPTACLE, 20 A, 120 V AT COUNTER HEIGHT.
- ⊕ DUPLEX RECEPTACLE, 20 A, 120 V AT COUNTER HEIGHT.
- ⊕ 30A, 208V, 2P BREAKER FOR DRYER.
- ⊕ CONNECTION TO MECHANICAL CONTROLLERS.

SECURITY:

- NEW MOTION SENSOR.
- SUBSCRIPTS:
 - S - SAR SENSOR
 - E - E&I SENSOR
 - SE - BOTH SAR AND E&I SENSOR
- NEW KEYPAD
- CARD READER
- DOOR CONTACT
- ELECTRIC STRIKE
- REQUEST TO EXIT SENSOR
- DOOR BUZZER

COMMUNICATION:

- EXISTING PA SPEAKER
- 1 x DATA DROP
- 1 x TELEPHONE DROP
- 1 x DATA DROP
- 1 x TELEPHONE DROP
- 1 x TV DROP

CONTROLS:

- NON FUSED DISCONNECT SWITCH. 30 INDICATES SIZE OF DISCONNECT SWITCH.
- CONTROL TRANSFORMER SUPPLIED BY MECHANICAL. ELECTRICAL TO POWER AND CONNECT.

FIRE ALARM:

- NEW FIRE ALARM STROBE
- NEW FIRE ALARM BELL
- NEW SMOKE DETECTOR

DRAWING NOTES:

- NEW PANEL 'G'
- NEW STOVE TOP TO REPLACE EXISTING. CONTRACTOR TO DISCONNECT EXISTING AND CONNECT NEW USING EXISTING WIRE.
- NEW WALL OVEN TO REPLACE EXISTING. CONTRACTOR TO DISCONNECT EXISTING AND CONNECT NEW USING EXISTING WIRE.
- JUNCTION BOX FOR NEW DISHWASHER. SEE PANEL SCHEDULE C FOR WIRE SIZE.
- RECEPTACLE FOR DRYER. SEE PANEL SCHEDULE C FOR WIRE SIZE.
- RECEPTACLE FOR WASHER. SEE PANEL SCHEDULE C FOR WIRE SIZE.
- NEW PANEL 'H'
- RECEPTACLE FOR DRYER BOOSTER FAN. COORDINATE WITH MECHANICAL FOR EXACT LOCATION.
- CONNECTION TO MECHANICAL CONTROLLERS. SEE PANEL SCHEDULE FOR WIRE SIZE AND COORDINATE WITH MECHANICAL FOR EXACT LOCATION.
- CIRCUIT FOR MECHANICAL TRANSFORMER. COORDINATE WITH MECHANICAL FOR EXACT LOCATION.
- MAIN INTRUSION ALARM CONTROL PANEL.
- NEW RANGE EXHAUST TO REPLACE EXISTING. CONTRACTOR TO DISCONNECT EXISTING AND CONNECT NEW USING EXISTING WIRE.
- NEW LOCATION OF EXISTING DEVICES.
- NEW DOOR BUZZER DEVICES. SEE NOTE 8.
- NEW PUMPS TO REPLACE EXISTING. REUSE EXISTING WIRING AND STARTERS.
- ELECTRICAL CONNECTION TO 15KW DUCT HEATER. DISCONNECT SUPPLIED WITH EQUIPMENT.
- NEW LOCATION OF EXISTING FAN FORCED HEATER.

GENERAL NOTES:

- DATA AND PHONE CONNECTION TO BE INSTALLED AT 450mm. TV CABLE OUTLET AND RECEPTACLE TO BE INSTALLED AT 1800mm A.F.F. FINAL LOCATION TO BE DETERMINED ON SITE BY OWNER.
- ALL DISCONNECTS FOR EVAPORATORS TO BE MOUNTED IN CEILING SPACE IF T-BAR CEILING. IF GYPSUM BOARD CEILING INSTALL NEXT TO UNIT.
- ALL FIRE ALARM DEVICES TO BE COMPATIBLE WITH EXISTING MIRECOM FIRE ALARM SYSTEM.
- INTRUSION ALARM SYSTEM MAIN CONTROL PANEL TO HAVE PARTITION. SYSTEM TO GRANT OR RESTRICT ACCESS OF PERSONAL TO EITHER SAR, E&I OR COMMON AREAS. MANUFACTURER TO COORDINATE WITH DEPARTMENT REPRESENTATIVE.
- PROVIDE CONDUIT AND WIRING FROM INTRUSION ALARM PANEL/POWER SUPPLY TO ALL DEVICES AS PER MANUFACTURERS RECOMMENDATIONS.
- PROVIDE POWER SUPPLY FOR DEVICES (ELECTRIC STRIKE, CARD READERS, ETC.) NEXT TO INTRUSION ALARM PANEL OR PROVIDE POWER SUPPLY IN THE CEILING SPACE ABOVE DEVICES.
- REFER TO ARCHITECTURAL DOOR HARDWARE SPECS FOR ELECTRIC STRIKE AND DOOR CONTACT DETAILS.
- CONTRACTOR TO LABEL DOOR BUZZERS 'SAR' AND 'E & I'. CONTRACTOR TO RUN CABLING FOR SAR'S LOCATION RUN TO CGSAR OPERATIONS 137 AND LEAVE 10m OF CABLE COILED IN CEILING SPACE. CONTRACTOR TO RUN CABLING FOR E&I LOCATION TO CLEAN WORKSHOP SPACE 119 AND LEAVE 15m OF CABLE COILED IN CEILING SPACE.
- CONTRACTOR TO PROVIDE 2 X LOW VOLTAGE TRANSFORMERS FOR DOOR BUZZERS. INSTALLED IN UPS ROOM NEXT TO PANEL 'H'. RUN LOW VOLTAGE WIRING FROM TRANSFORMERS TO EXTERIOR DOOR BUZZER. RUN LOW VOLTAGE WIRING FROM TRANSFORMERS TO CGSAR OPERATIONS 137 AND LEAVE 10m OF CABLE COILED IN CEILING LOCATION AND WORKSHOP SPACE 119 AND LEAVE 15m OF CABLE COILED IN CEILING SPACE. RUN LOW VOLTAGE WIRING FROM EXTERIOR BUZZERS TO CGSAR OPERATIONS 137 AND LEAVE 10m OF CABLE COILED IN CEILING LOCATION AND WORKSHOP SPACE 119 AND LEAVE 15m OF CABLE COILED IN CEILING SPACE.
- CONTRACTOR TO PROVIDE 2 X INTERIOR DOOR BELLS AND TURN OVER TO CLIENT FOR FUTURE USE.
- CONTRACTOR TO PROVIDE 2 X DOOR RELEASE DEVICES AND PROVIDE A WIRE CONNECTION FROM THE DOOR RELEASE CONTACT TO CGSAR OPERATIONS 137 AND LEAVE 10m OF CABLE COILED IN CEILING LOCATION AND WORKSHOP SPACE 119 AND LEAVE 15m OF CABLE COILED IN CEILING SPACE. TURN DEVICES OVER TO CLIENT FOR FUTURE USE.
- CONTRACTOR TO TRANSITION TO TECK 90 CABLE FROM DISCONNECT ON PERIMETER OF THE BUILDING TO CONDENSING UNITS. CONTRACTOR TO ENSURE ALL BUILDING PENETRATIONS ARE WATER TIGHT AND THAT ALL WIRES ARE PROPERLY SUPPORTED.
- CONTRACTOR TO SUPPLY AND CONNECT FLEXIBLE CONNECTION FROM DISCONNECTS TO MECHANICAL EQUIPMENT.
- HRV TO BE CONNECTED TO THE FIRE ALARM SYSTEM. HRV TO SHUT DOWN UPON FIRE ALARM ACTIVATION.

