

GENERAL NOTES:

- A. ROUTE ALL CABLING IN CONDUIT. PROVIDE RIGID GALVANIZED STEEL CONDUITS IN EXPOSED LOCATIONS. ROUTE CONDUITS HORIZONTALLY THROUGH THE OPENINGS IN THE LIGHT WALLS AND THROUGH THE LIFTING POCKETS IN THE PRECAST DOUBLE TEES.
- B. FOR SURVEILLANCE CAMERAS WITHIN A 295 FOOT CABLE LENGTH FROM THE TELECOM ROOM, PROVIDE AN OUTSIDE PLANT RATED CATEGORY 6 CABLE FOR THE VIDEO AND POE POWER. INSTALL MID SPAN POWER INJECTOR FOR PAN/TILT/ZOOM CAMERAS IN THE TELECOM ROOM.
- C. FOR SURVEILLANCE CAMERAS WITH CABLE LENGTHS IN EXCESS OF 295 FEET FROM THE TELECOM ROOM, PROVIDE A FOUR STRAND, 62.5/125 MICRON, INDOOR/OUTDOOR RATED OPTICAL FIBER CABLE. PROVIDE A NEMA 4 ENCLOSURE WITH A SCREW COVER WITH CAPTIVE TAMPER PROOF SCREWS. INSTALL THE MID SPAN POWER INJECTOR AND OPTICAL FIBER TO COPPER TRANSCEIVER IN THE ENCLOSURE. INSTALL THE ENCLOSURE ADJACENT TO THE CAMERA IN THE WEB SPACE BETWEEN THE PRECAST TEES.
- D. PROVIDE GAMEWELL FIRE ALARM DEVICES IN ELEVATOR LOBBIES ON ALL FLOORS TO HAVE AN ADDRESSABLE SMOKE DETECTOR AND BASE, #ASD-PL2F. PROVIDE AN RELAY MODULE TO INTERFACE WITH ELEVATOR EQUIPMENT, #ADM-2RF. WIRE AND CONNECT RELAY MODULES AND SMOKE DETECTORS TO NODE #34 IN HOSPITAL ROOM 1T-108, PER MANUFACTURERS RECOMMENDATIONS.

KEY NOTES:

- 1 PROVIDE AN EMERGENCY CALL STATION. PROVIDE A CATEGORY 6 CABLE FOR THE VOICE CIRCUIT IN A CONDUIT SEPARATE FROM THE CALL STATION POWER CIRCUIT. PROVIDE A CONDUIT FOR THE 24 VOLT AC WIRING AND WIRING FROM AN AUXILIARY CONTACT FROM CALL STATION TO THE TELECOM ROOM. WHEN CALL IS ACTIVATED, PROVIDE A SIGNAL TO THE DESIGNATED CAMERA TO PAN AND ZOOM TO VIEW THE PERSON MAKING THE CALL.
- 2 DESIGNATED CAMERA TO VIEW EMERGENCY CALL STATION AT STAIR A. PROGRAM CAMERA WITH A PRESET LOCATION AND VIEW OF THE CALL STATION.
- 3 DESIGNATED CAMERA TO VIEW EMERGENCY CALL STATION AT STAIR B. PROGRAM CAMERA WITH A PRESET LOCATION AND VIEW OF THE CALL STATION.
- 4 PROVIDE TWO CATEGORY 6 VOICE CABLES FOR ELEVATOR TELEPHONES. PROVIDE TWO CATEGORY 6 DATA CABLES FOR ELEVATOR CAMERAS. TERMINATE THE VOICE CABLES ON A WALL MOUNTED CATEGORY 6 STATION BLOCK. TERMINATE THE DATA CABLES ON A RACK MOUNTED CATEGORY 6 PATCH PANEL IN THE TELECOM ROOM. COORDINATE CONNECTION TO ELEVATORS WITH ELEVATOR INSTALLER.
- 5 PROVIDE TWO 4", SCHEDULE 40 PVC TELECOMMUNICATIONS SERVICE ENTRANCE DUCTS IN DUCT BANK. PROVIDE TWO 3 CELL, 3" FLEXIBLE FABRIC INNERDUCTS IN ONE DUCT. THE OTHER DUCT IS SPARE. SEE SHEET ES-100 FOR CONTINUATION.
- 6 PROVIDE PLYWOOD BACKBOARD, 3/4 INCH THICK, 8 FEET HIGH, LENGTH AS INDICATED. PAINT BACKBOARD WITH TWO COATS OF WHITE FIRE RESISTANT PAINT.

KEY NOTES CONTINUE:

- 7 PROVIDE A 12 INCH WIDE, UL LISTED CABLE RUNWAY AND INSTALL AT 7'-4" ABOVE FINISHED FLOOR. SUPPORT RUNWAY WITH WALL BRACKETS AND FROM RACK USING A RACK ELEVATION KIT. PROVIDE RADIUS CABLE DROP OUTS IN LOCATIONS WHERE CABLE LEAVE RUNWAY TO ACCESS THE BACKBOARD OR RACK.
- 8 PROVIDE A CALL FOR ASSISTANCE STATION. PROVIDE A CATEGORY 6 CABLE FOR THE VOICE CIRCUIT IN A CONDUIT SEPARATE FROM THE CALL STATION POWER CIRCUIT. PROVIDE A CONDUIT FOR THE 24 VOLT AC WIRING AND WIRING FROM AN AUXILIARY CONTACT FROM CALL STATION TO THE TELECOM ROOM. PROGRAM STATION TO DIAL THE SECURITY SUBSTATION AT NUMBER 3589.
- 9 PROVIDE A VOICE/DATA OUTLET WITH TWO VOICE AND TWO DATA JACKS. PROVIDE A 1" CONDUIT FROM THE OUTLET BOX ROUTE TO THE TELECOM ROOM.
- 10 PROVIDE CAMERA INCLUDING RACEWAYS, CABLING, POWER INJECTORS, MEDIA CONVERTERS, MOUNTING BRACKETS AND ACCESSORIES AS PART OF BID OPTION NUMBER 2.
- 11 THE DOOR FRAME IS PREPPED WITH A BOX AND CONDUIT ON THE HINGE SIDE FOR WIRING TO THE ELECTRIFIED LOCK AND A BOX IN THE TOP FOR A CONCEALED DOOR POSITION SWITCH. EXTEND THESE CONDUITS TO A PULL BOX. PROVIDE A RECESSED BOX FOR THE CARD READER AND REQUEST TO EXIT DEVICE AND EXTEND CONDUITS TO THE PULL BOX. PROVIDE AN HID # 6136CKN000709G30L CARD READER, A SENTROL #1078 DOOR POSITION SWITCH AND A BOSCH DS160 REQUEST TO EXIT DETECTOR. MAKE WIRING CONNECTIONS TO THE LENSEL PANEL, SEE DETAIL 1/EY601.
- 12 PROVIDE CAMERA INCLUDING RACEWAYS, CABLING, POWER INJECTORS, MEDIA CONVERTERS, MOUNTING BRACKETS AND ACCESSORIES AS PART OF BID OPTION NUMBER 2.

