

NOTES:

- FIRE ALARM SYSTEM SHALL BE ADDRESSABLE & PROGRAMMABLE TYPE WITH CLASS A WIRING
- THE COMPLETE FIRE ALARM SYSTEM SHALL BE FURNISHED/INSTALLED BY FIRE ALARM CONTRACTOR COMPLETE SYSTEM FOR OPERATION INCLUDING WIRING DEVICES, EQUIPMENT & INTERFACING TO OTHER SYSTEM
- VOICE ALARM WILL BE ACTIVATED ON THE FLOOR OF ORIGIN AND FLOOR ABOVE AND BELOW ALARM:
 - SPRINKLER WATER FLOW ALARM
 - SMOKE DETECTION (RECONFIRMATION)
 - MANUAL PULL STATION
- THE FIRE ALARM RISER DIAGRAM CAN BE MODIFY BY CONTRACTOR/SUPPLIER TO SUIT WITH THE SUPPLIED EQUIPMENT
- EACH FLOOR RISER SHALL HAVE MAXIMUM OF 100 DEVICES AND 100 MODULE TO HAVE SPARE CAPACITY.
- ADDITIONAL SMOKE DETECTOR SHALL BE PROVIDED BY TENANT WHICH WILL INCLUDE WIRING AND CONDUIT FOR ADDITIONAL ADDRESSABLE CONTROL DEVICES IN THE FMS CONTROL PANEL.
- ALL ADDRESSABLE SMOKE DETECTORS INDICATED IN THE BUILDING PLAN SHALL BE RELOCATED AS DIRECTED BY CONSTRUCTION IN THE AREA.
- FMS SUPPLIER/CONTRACTOR SHALL BE PROPERLY COORDINATED IN ANY CHANGES IN THE SMOKE DETECTOR LAYOUT AS WELL AS WIRING CONNECTIONS.
- CONDUIT SIZES:
 - HORIZONTAL WIRING CONDUITS
USE 20mm OR 3/4" DIAMETER IMC CONDUIT.
 - VERTICAL OR RISER CONDUITS
USE 50mm OR 2" DIAMETER IMC CONDUIT.

NOTES FOR WIRE AND CONDUIT:

- WIRES AND CABLE:
 - FIRE ALARM ADDRESSABLE LINES/SIGNAL LINE CIRCUITS(SLC)
USE IP#18 AWG WEST PENN D980 OR EQUIVALENT.
 - FIRE ALARM SPEAKER
USE IP#16 AWG WEST PENN 5220 OR EQUIVALENT.
 - NOTIFICATION APPLIANCE(STROBE)
USE IP#14 WEST PENN WP5120 OR EQUIVALENT.
 - CONTROL AND MONITOR TO ELEVATORS AND PRESSURIZATION FANS.
USE IP#16 WEST PENN WP5220 OR EQUIVALENT.
 - FIREMAN'S TELEPHONE AND NETWORK CABLE
USE IP#18 SHIELDED WEST PENN D975 OR EQUIVALENT.

LEGEND:

- PULL BOX WITH COVER & TERMINAL BLOCK FOR CABLE TERMINATION
- SMOKE DETECTOR "H" DENOTES LOCATED AT HARSH LOCATION.
- MANUAL PULL STATION
- MONITOR/CONTROL MODULE FOR PUMPS, WATER FLOW SWITCH
- DENOTES 1 RUN OF 1.8FT TWISTED PAIR WIRE IN 15mm# IMC CONDUIT (HOMERUN TO PULLBOX LOCATED @ ELECTRICAL ROOM)
- FIRE ALARM SPEAKER WITH STROBE LIGHT.
- FIRE ALARM SPEAKER
- FIREMAN'S TELEPHONE JACK

NOTE:

PURSUANT TO SECTION 4 OF ANNEX "A" OF THE REVISED IMPLEMENTING RULES AND REGULATION OF R.A. 9154, APPROVAL BY THE AUTHORIZED DPWH OFFICIALS OF DETAILED ENGINEERING SURVEYS AND DESIGN UNDERTAKEN BY CONSULTANTS NEITHER DIMINISHES THE RESPONSIBILITY OF THE LATTER FOR THE TECHNICAL INTEGRITY OF THE SURVEYS AND DESIGN NOR TRANSFER ANY PART OF THAT RESPONSIBILITY TO THE APPROVING OFFICIALS.

THE DESIGN CONSULTANT SHALL BE HELD RESPONSIBLE FOR THE FAILURE OF THE FACILITY/IES / STRUCTURES DUE TO FAULTY DESIGN EXCEPT FOR THE CHANGES MADE WITHOUT THE CONFORMITY OF THE CONSULTANTS.

DRAWINGS AND SPECIFICATIONS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE PROPERTY AND DOCUMENTS OF THE ARCHITECT, WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. IT SHALL BE UNLAWFUL FOR ANY PERSON, WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT OR AUTHORITY OF SAID DOCUMENTS, TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPLICATION OF AND FOR OTHER PROJECTS OF BUILDINGS, WHETHER EXECUTED PARTLY OR IN WHOLE.

