.... @ @ @ @ TO FACE OF *REFER TO ACTUAL NUMBER OF DEVICES @ @ @ @ *REFER TO ACTUAL NUMBER OF DEVICES MACHINE ROOM @ Na **9** (5) D(S) IISHWESHA Q.... Q.Q.Q.Q. D⊷0 HO 22ND FLOOR \$\text{\$0,00} \text{\$0,00} \text{\$0,000} \text{\$0 (23-W23-CA) OS)-WES)-D <u>6,6,6,6,</u> 23RD FLOOR NOTES: (a) (d) D(3) IISHWESH (Z ITSI-IWESI-IISHWESH ITSI-IWFSI-1. FIRE ALARM SYSTEM SHALL BE ADDRESSABLE & PROGRAMMABLE TYPE WITH CLASS A WIRIN M THE COMPLETE FIRE ALARM SYSTEM SHALL BE FURNISHED/INSTALLED BY FIRE ALARM COMTRACTOR COMPLETE SYSTEM FOR OPERATION INCLUDING WIRING DEVICES, EQUIPMENT & INTERFACING TO OTHER SYSTEM 20TH FLOOR @ M (S) (M) IIS)-WES-17 (IS)-WES-C (IS)-WESI-C VOICE ALARM WILL BE ACTIVATED ON THE FLOOR OF ORIGIN AND FLOOR ABOVE AND BELOW ALARM. DSHWESH D <u>O, O, O, O, O, </u> 21ST FLOOR WIRES AND CONDUITS wittes AND CONDUTS

CAT 6 4pr UTP coble in

CAT 6 4pr UTP coble in THE FIRE ALARM RISER DIAGRAM CAN BE MODIFY BY CONTRACTOR/SUPPLIER TO SUIT WITH THE SUPPLIED EQUIPMENT @ N2 (5) NS (IS)-WESI-((IS)-WESI-C Q.... Q.Q.Q.Q. 5. EACH LOOP RISER SHALL HAVE MAXIMUM OF 100 DEVICES AND 100 MODULE TO HAVE SPARE CAPACITY. D≪0 18TH FLOOR ALL ADDRESSABLE SMOKE DETECTORS INDICATED IN THE BUILDING PLAN SHALL BE RELOCATED AS AFFECTED BY CONSTRUCTION IN THE AREA. \$9 M ITS)-WESI-C CSHWESH DSHWESH C (IS)-WES Q. Q. Q. Q. FDAS SUPPLIER/CONTRACTOR SHALL BE PROPERLY COORDIN DETECTOR LAYOUT AS WELL AS WIRING CONNECTIONS. 19TH FLOOR 9. CONDUIT SIZES 17TH FLOOR HORIZONTAL WIRING CONDUITS
 USE 20mm OR 3/4" DIAMETER IMC CONDUIT.
 VERTICAL OR RISER CONDUITS
 USE 50mm OR 2" DIAMETER IMC CONDUIT. 12t CAT 6 4pr UTP coble in 3ZmmeC
13t CAT 6 4pr UTP coble in 3ZmmeC
14t CAT 6 4pr UTP coble in 40mmeC
15t CAT 6 4pr UTP coble in 40mmeC
16t CAT 6 4pr UTP coble in 40mmeC
17t CAT 6 4pr UTP coble in 40mmeC
18t CAT 6 4pr UTP coble in 40mmeC
18t CAT 6 4pr UTP coble in 40mmeC
19t CAT 6 4pr UTP coble in 40mmeC
20t CAT 6 4pr UTP coble in 40mmeC
20t CAT 6 4pr UTP coble in 40mmeC (IS)-WESI-C @ @ @ @ 18TH FLOOR 16TH FLOOR NOTES FOR WIRE AND CONDUIT: \$\alpha_{\alpha}\\\ \alpha_{\alpha}\\\ \alpha_{\alpha}\\ \alpha_{\alpha\\\ \alpha\\\ \alpha\}\} \\ \alpha\}\} \} \} \end{\alpha\} \end{\alpha\} \} \end{\alpha\} \} \end{\alpha\} \end{\alpha\}\} \end{\alpha\} \end{\alpha\} \end{\alpha\} \} \end{\alpha\} \end{\alp ® **⋈** (SO) D/SI NA D ITSHWESH? ITST-WEST-IISHWESH ITSHWFSH7 WIRES AND CARLE Q.... Q.Q.Q.Q. 17TH FLOOR - NON-VANDAL DOME TYPE CCTV 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. - MINI DOME TYPE CCTV @ @ @ @ <u>@</u> 16TH FLOOR USE IP#16 WEST PENN WP5220 OR EQUIVALENT.

6. FIREMAN'S TELEPHONE AND NETWORK CABLE
USE IP#18 SHIELDED WEST PENN D975 OR EQUIVALENT. - VANDAL PROOF BULLET TYPE CCTV @ Na \$9 DS IISHWESHA IISHWESH7 IISHWESHA IISHWFSH7 - TELEPHONE OUTLET Q..... Q.Q.Q.Q. 15TH FLOOR J - JUNCTION BOX $\hfill \sum_{\mathsf{FAPB}} \mathsf{PULL}$ BOX WITH COVER & TERMINAL BLOCK FOR CABLE TERMINATION 12TH FLOOR SMOKE DETECTOR "H" DENOTES LOCATED AT HARSH LOCATION. MAXIMUM DISTANCE OF ANY CCTV CAMERA FROM NEAREST NETWORK SWITCH SHALL NOT EXCEED 90 METERS ® **⊳**® \$9 D3 IIS-WFS IS WES MANUAL PULL STATION <u>6,6,6,6,</u> MONITOR/CONTROL MODULE FOR PUMPS, WATER FLOW SWITCH 14TH FLOOR DENOTES 1 RUN OF 1.6TF TWISTED PAIR WIRE IN 15mmø IMC CONDUIT (HOMERUN TO PULLBOX LOCATED @ ELECTRICAL ROOM) @ Na \$9 Mg DSI FI IISHWFSHA IISHWESH7 (IS)-WESI-C OS-WES-C Q.... Q.Q.Q.Q. FIRE ALARM SPEAKER WITH STROBE LIGHT. FIRE ALARM SPEAKER 10TH FLOOR FIREMAN'S TELEPHONE JACK (S) 1/3 (IS)-WESI-(IISH WESH (IISHWESH [2]-WESI-D Q.... Q.Q.Q.Q. 11TH FLOOR (5) NS (IS)-WES Q.... QQQQ 10TH FLOOR 8TH FLOOR @ M (g) 1/3 IIS) WES LA CSHWESH (TS)+WESH (IS)-WES [bd] 9TH FLOOR 7TH FLOOR @. @. @. @. @. 8TH FLOOR Q.... Q.Q.Q.Q. \$\text{\$6}\t (IS)-WFS IS-WES-→ □ SERVER ROOM RECEPTION/LOUNGE *6,6,6,6* FAPB \$0 (a) IISHWESHA ILZI-HMEZI-L IISHWESH (IS)-WESI-D 6TH FLOOR DSI E POE NETWORK SWITCH <u>98,98,98,99</u> (IS)-WESI-C ISHWESH Z DSI-WESI-D DSI-WESI-D FAPB SD <u>98,98,98,99</u> (A) (IS)-WESI-C <u>6,6,6,6,</u> 4TH FLOOR NOTE: PURSIANT TO SECTION 4 OF ANNEX "A"OF THE REVISED IMPERMENTING RULES AND REGULATION FOR A 1984, APPOWAL BY THE AUTHORIZED DPWH OFFICIALS OF DETAILED ENGINEERING SURVEYS AND DESIGN LINDERTHER BY CONSULTAINS INDIFFIED DIMMSHES THE RESPONSIBILITY OF THE LATTIEF FOR THE TECHNICAL RECRITY OF THE LECTHORIZE AND PROPERTY OF THE TECHNICAL RECRITY OF THE AUTHORIZE AND PROPERTY OF THE TECHNICAL RECRITY OF THE AUTHORIZE AND PROPERTY OF THE TECHNICAL RECRITY OF THE AUTHORIZE AND OFFICIALS. **P** ITS)-INESI-IA ITS)-IWESI-IZ (IS)-WESH (IS)-WESI-CA | CONSTRUCTION | CONS Q Q Q Q Q <u>98,98,98,99</u> SD S OS)-WES)-CA IISHWESHZ (IS)-WESI-C DSI-WESI-C AUX ROOM EE ROOM 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. TO FAPB ◆ FACP EVAC SD FACP EVAC SECURITY ROOM ISHWESH (A) FACP ISHWESHAD TO, FACP IZJ-MEZJ-CIJ ISHWESHAD TO FACE TO FAPB @_@_@_@___ FAPB (SS) IS-WES-IA (IS)-WES-(A) ÆCE-32 FIRE DETECTION ALARM SYSTEM RISER DIAGRAM ECE-32 CCTV SYSTEM RISER DIAGRAM (1) TOKWING CONSTRUCTION CORPORATION ENRIQUE O. OLONAN & ASSOCIATES
ARCHITECTS ENGINEERS CONSULTANTS CONSTRUCTION OF FIT-OUT AND LANDSCAPE WORKS FOR THE TWENTY-THREE (23) STOREY PHILIPPINE STATISTICS AUTHORITY (PSA) OFFICE BUILDING WITH COVERED ROOF DECK JOSE MANUEL AGUINALDO
PROJECT MANAGER II.
BUILDING & SPECIAL PROJECTS MANAGEMENT CLUSTER
UNIFIED PROJECT MANAGEMENT OFFICE, DPWH ATTY, JOHNSON V. DOMINGO
PROJECT DIRECTOR
BUILDING & SPECIAL PROJECTS MANAGEMENT CLUSTER
UMPED PROJECT MANAGEMENT OFFICE, DPMH ECE-32 SOCRATES L. RA
DIRECTOR IV
ASSITANT NATIONAL S
FINANCE AND ADMINISTR. PLANNING AND MANAGEMENT SERVICE CO-HEAD, PSA-BCOM AS SHOWN STATISTICIAN RATIVE SERVICE PSA COMPLEX, EAST AVENUE, DILIMAN, QUEZON CITY

