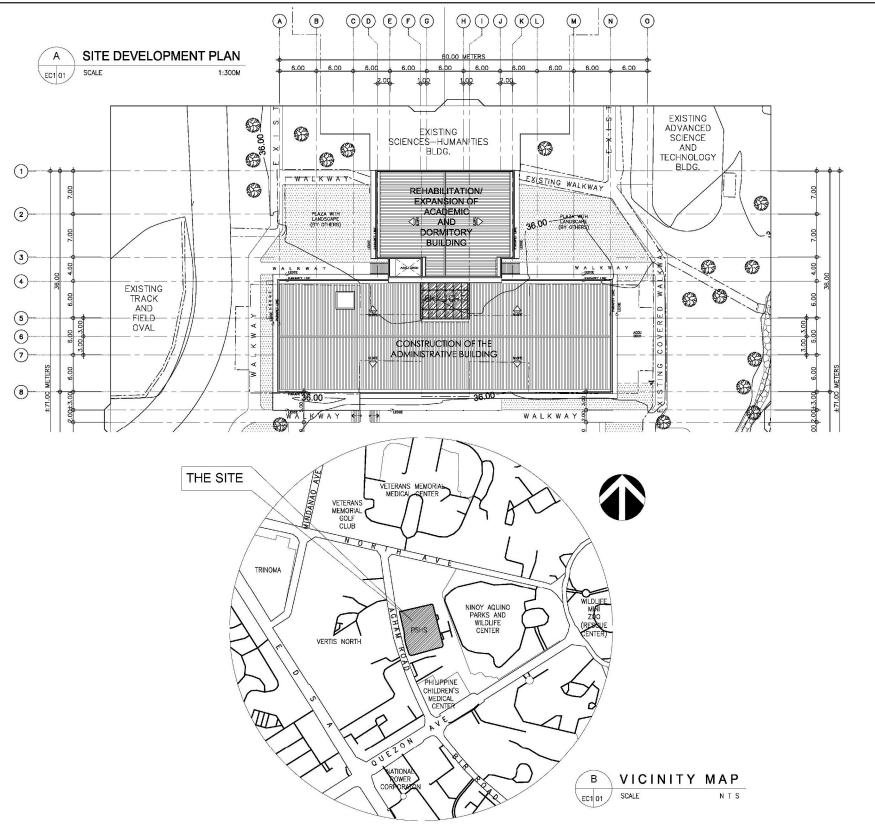
FOR BIDDING

LEGENDS & SYMBOLS GENERAL NOTES 1. WIRING SHALL BE IN CONCEALED CONDUIT/TRUNKING UNLESS OTHERWISE FACP FIRE ALARM CONTROL PANEL 230V, 1ø, UPS, 15MIN BACK-UP (RATING AS INDICATED) 2. THE POSITION OF ALL TELEPHONE OR DATA OUTLETS AS SHOWN IN THE DRAWINGS ARE APPROXIMATE ONLY. THE EXACT POSITIONS SHALL BE DETERMINED ON SITE. (SD) SMOKE DETECTOR HD HEAT DETECTOR THE SPECIALTY CONTRACTOR SHALL BE RESPONSIBLE FOR THE LABELING OF ALL EQUIPMENT THROUGHOUT THE INSTALLATION. (FS) FLOW SWITCH SS SUPERVISORY SWITCH F MANUAL PULL STATION C CONTROL MODULE 5. THE OVERALL RESISTANCE FOR THE EARTHING SYSTEM (ELECTRICAL) SHALL COMPLY WITH THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL AND M MONITOR MODULE S/LK1 FIRE ALARM SOUNDER WITH STROBE LIGHT 6. THE SPECIALTY CONTRACTOR SHALL BE RESPONSIBLE FOR SEALING OF ALL CABLE/CONDUIT PENETRATION OPENINGS BETWEEN FLOOR SLAB AND WALLS PA PUBLIC ADDRESS EQUIPMENT RACK 0 CEILING MOUNTED SPEAKER, 6W ETC. WITH APPROVED FIRE RATING MATERIAL/SEALANT. \triangle WALL MOUNTED SPEAKER, 10W ALL CABLES TO BE LAID IN HD UPVC PIPES SHALL BE ENCASED IN CONCRETE WHEN LAID ACROSS THE DRIVEWAY. MDF MAIN DISTRIBUTION FRAME 8. THE SPECIALTY CONTRACTOR SHALL BE RESPONSIBLE FOR THE EQUIPOTENTIAL GROUNDING/ ALL METAL PARTS COMPLETED BY THE OTHER SUB-CONTRACTORS TO THE NEAREST BONDING TO ELECTRICAL PANEL. IDF INTERMEDIATE DISTRIBUTION FRAME ∇ UNIVERSAL INFORMATION OUTLET, SINGLE PORT (DATA) WALL MOUNTED THE SPECIALTY CONTRACTOR SHALL FURNISH ALL NECESSARY LABOR, MATERIALS AND EQUIPMENT FOR SATISFACTORY COMPLETION OF THE ENTIRE TELECOMMUNICATION INSTALLATION AS GENERALLY DESCRIBED IN THE SPECIFICATION AND/OR SHOWN ON DRAWINGS. UNIVERSAL INFORMATION OUTLET, DUAL PORT (VOICE & DATA) WALL MOUNTED ∇ RACK CCTV EQUIPMENT RACK CEILING MOUNTED IP-CCTV CAMERA (DOME) 10. ALL LOCATIONS OF EQUIPMENT AND CABLE ROUTES SHOWN ON THE DRAWING ARE INDICATIVE ONLY. THE EXACT LOCATIONS MUST BE COORDINATED ON SITE BEFORE INSTILLATION, FULLY COORDINATED SHOP DRAWINGS MUST BE SUBMITTED TO THE ENGINEER FOR APPROVAL BEFORE COMMENCEMENT OF WORK. MC-IDF MASTER CLOCK-INTERMEDIATE DISTRIBUTION FRAME MC MASTER CLOCK (1) JUNCTION BOX ⊠_{PB} 11. ALL INSTALLATIONS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF PULLBOX (250x250x150)MM PHILIPPINE ELECTRICAL/ELECTRONICS EIA AND BICSI CODE. THEY SHALL BE PAINTED WITH A COAT OF ANTI-RUST PAINT AND TWO COATS OF SEMI-GLOSS TEAK PAINT OF BEST QUALITY TO THE APPROVAL OF THE CONSULTANT. RISER UP / DOWN RISER UP °UP 12. ALL DISTRIBUTION FRAME CONDUITS WHICH ARE EXPOSED SHALL BE PAINTED WITH A COAT OF RUST-RESISTING PRIMER AND TWO COATS OF ELECTRIC ORANGE OR AS SPECIFIED BY THE ARCHITECT. DN RISER DOWN WITH WEATHERPROOF ENCLOSURE EACH CIRCUIT SHALL BE TESTED FOR GROUNDS AND SHORTS BY MEANS OF INSULATION RESISTANCE TESTING INSTRUMENT APPLYING A VOLTAGE OF NOT LESS THAN 500V D.C. ON CIRCUIT UNDER TEST. t DENOTES No. OF CABLE IN IMC CAT CATEGORY 14. CABLES FOR ESSENTIAL CIRCUITS SUCH AS EMERGENCY LIGHTING CIRCUITS & FIRE FIGHTING EQUIPMENT CIRCUITS ETC. SHALL NOT BE DRAWN INTO THE SAME CONDUIT INTENDED FOR NORMAL CIRCUITS AS PER PEC. IMC INTERMEDIATE METALLIC CONDUIT PVC POLYVINYI - CHI ORIDE CONDUIT AWG AMERICAN WIRE GAUGE 15. ALL TELECOMMUNICATION OUTLET, TELCO EQUIPMENT, ETC., LOCATIONS SHOWN ARE INDICATIVE AND APPROXIMATE ONLY AND THE ELECTRICAL CONTRACTOR MUST COORDINATE WITH THE ARCHITECT AND OR THE INTERIOR DESIGNER, AS WELL AS EQUIPMENT SUPPLIERS. THERMOPLASTIC COVERED FIXTURE WIRE UTP UNSHIELDED TWISTED PAIR 16. THE SPECIALTY CONTRACTOR SHALL OBTAIN APPROVAL FROM STRUCTURAL ENGINEERS FOR PENEIRATION THROUGH RC. BEAMS AND FLOOR SLABS PRIOR TO CONSTRUCTION. UPS UNINTERRUPTIBLE POWER SUPPLY 17. ALL CONDUITS LAYOUT AND INSTALLATION METHODS SHALL BE IDENTICAL IN ALL ROOMS AS MUCH AS POSSIBLE. TESTING CERTIFICATES SHALL BE PROVIDED BY THE SPECIALTY CONTRACTOR PRIOR TO FINAL TURNOVER. DRAWING LIST

	GENERAL
EC1-01	GENERAL NOTES, LEGENDS, SYMBOLS, DRAWING LIST, VICINITY MAP AND SITE DEVELOPMENT PLAN
	SCHEMATIC DIAGRAMS
EC2-01	FIRE DETECTION & ALARM SYSTEM AND PUBLIC ADDRESS SYSTEM
EC2-02	STRUCTURED CABLING SYSTEM, CLOSED CIRCUIT TELEVISION SYSTEM AND MASTER CLOCK SYSTEM
	FLOOR PLANS / LAYOUTS
EC3-01a	GROUND FLOOR FIRE DETECTION & ALARM SYSTEM AND PUBLIC ADDRESS SYSTEM
EC3-01b	SECOND FLOOR FIRE DETECTION & ALARM SYSTEM AND PUBLIC ADDRESS SYSTEM
EC3-01c	THIRD FLOOR FIRE DETECTION & ALARM SYSTEM AND PUBLIC ADDRESS SYSTEM
EC3-01d	FOURTH FLOOR FIRE DETECTION & ALARM SYSTEM AND PUBLIC ADDRESS SYSTEM
EC3-02a	GROUND FLOOR STRUCTURED CABLING SYSTEM, CLOSED CIRCUIT TELEVISION AND MASTER CLOCK SYSTEM
EC3-02b	SECOND FLOOR STRUCTURED CABLING SYSTEM, CLOSED CIRCUIT TELEVISION AND MASTER CLOCK SYSTEM
EC3-02c	THIRD FLOOR STRUCTURED CABLING SYSTEM, CLOSED CIRCUIT TELEVISION AND MASTER CLOCK SYSTEM
EC3-02d	FOURTH FLOOR STRUCTURED CABLING SYSTEM, CLOSED CIRCUIT TELEVISION AND MASTER CLOCK SYSTEM
	MISCELLANEOUS DETAILS
EC4-01	MISCELLANEOUS DETAILS



CONSULTANT: ARCE•BAILON•ARCE ARCHITECTS • ENGINEERS • CONSULTANTS 4 SCOUT BORROMEO STREET, SOUTH TRIANGLE, QUEZON CITY

THE SPECIALTY CONTRACTOR IS REQUIRED TO SUBMIT DETAILS OF FINAL ARRANGEMENT AND DIMENSIONAL LAYOUT OF ALL ITEMS EQUIPMENT IN RESPECTIVE. ROOMS TO SUIT STIE CONDITIONS, ETC. FOR REVIEW BY THE CONSULTANT BEFORE COMMENCEMENT INSTALLATION. 21. TELECOMMUNICATION OUTLET SHALL BE CATEGORY 6 OR OTHERWISE STATED.

22. ALL ELECTRICAL/ELECTRONICS EQUIPMENT & ACCESSORIES THAT ARE EXPOSED OR LESS THAN 2.0m AWAY FROM WATER SOURCES SHALL BE OF WEATHERPROOF TYPE. 23. COLOR FOR ALL TELECOMMUNICATION FACE PLATES SHALL BE AS PER

24. THE SPECIALTY CONTRACTOR SHALL NOTE THE POSITIONS OF TELECOM POINTS, AS SHOWN ON DRAWINGS. THE ACTUAL POSITIONS SHALL BE BASED ON THE ARCHITECT'S OR INTERIOR DESIGNER'S DRAWING, THE ELECTRICAL CONTRACTOR IS DEEMED TO HAVE ALLOWED IN HIS TENDER PRICE FOR ALL NECESSARY SITE ADJUSTMENT TO SUIT THE FINAL POSITIONS.

26. SPECIALTY CONTRACTOR SHALL LIAISE WITH INTERIOR DESIGNER/ARCHITECT ON THE EXACT LOCATIONS & MOUNTING HEIGHTS (IF APPLICABLE) OF OUTLETS, MAIN DISTRIBUTION FRAME, INTERMEDIATE DISTRIBUTION FRAME BEFORE LAYING THE CONDUITS.

28. THE ELECTRONICS WORKS SHALL BE UNDER THE IMMEDIATE SUPERVISION OF A DULY LICENSED ELECTRONICS ENGINEER AUTHORIZED AS PFR R.A. 9292.

25. THE SPECIALTY CONTRACTOR SHALL LIAISE WITH OTHER CONTRACTOR TO ENSURE THAT POWER SUPPLIES FOR ALL EQUIPMENT ARE ADEQUATELY PROVIDED TO SUIT THE SYSTEM REQUIREMENTS.

27. REFER TO SPECIFICATION FOR FULL DETAILS OF EQUIPMENT AND SPECIFICATIONS.

ARCHITECT'S/INTERIOR DESIGNER'S SELECTION.

PRINCIPAL ARCHITECT: PROF. ELECTRONICS ENGINEER: MARIANO S. ARCE, JR

CONSTRUCTION OF THE ADMINISTRATIVE BUILDING AND REHABILITATION/EXPANSION OF ACADEMIC AND DORMITORY BUILDING

PROJECT TITLE:

LOCATION:

PHILIPPINE SCIENCE HIGH SCHOOL MAIN CAMPUS

Man VIRGINIA P. ANDRES

APPROVED BY:

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OWNER: