

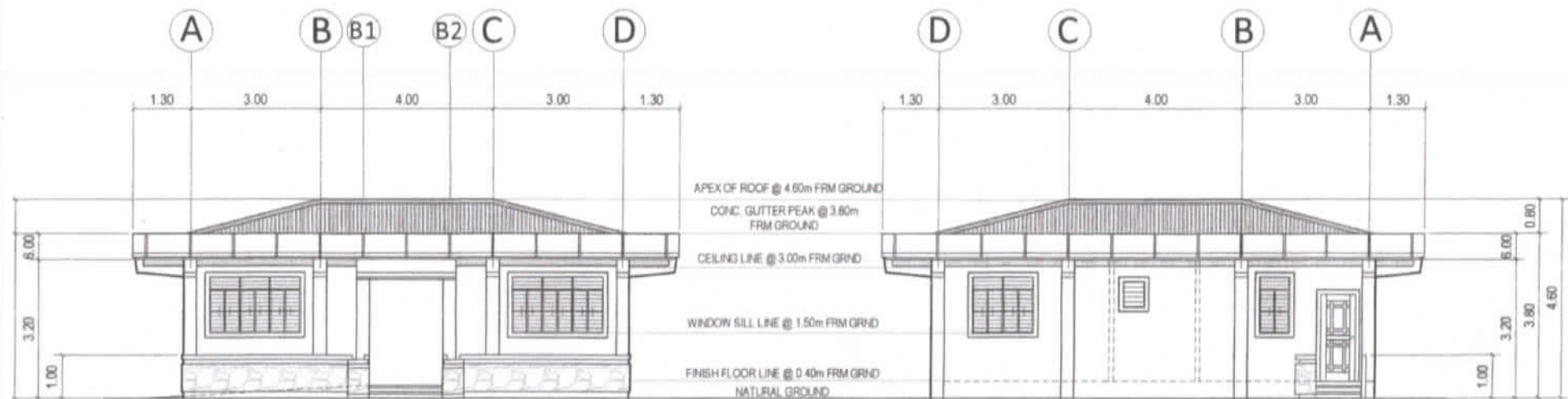


A-01
1 FLOOR PLAN
SCALE: 1:75 MTS



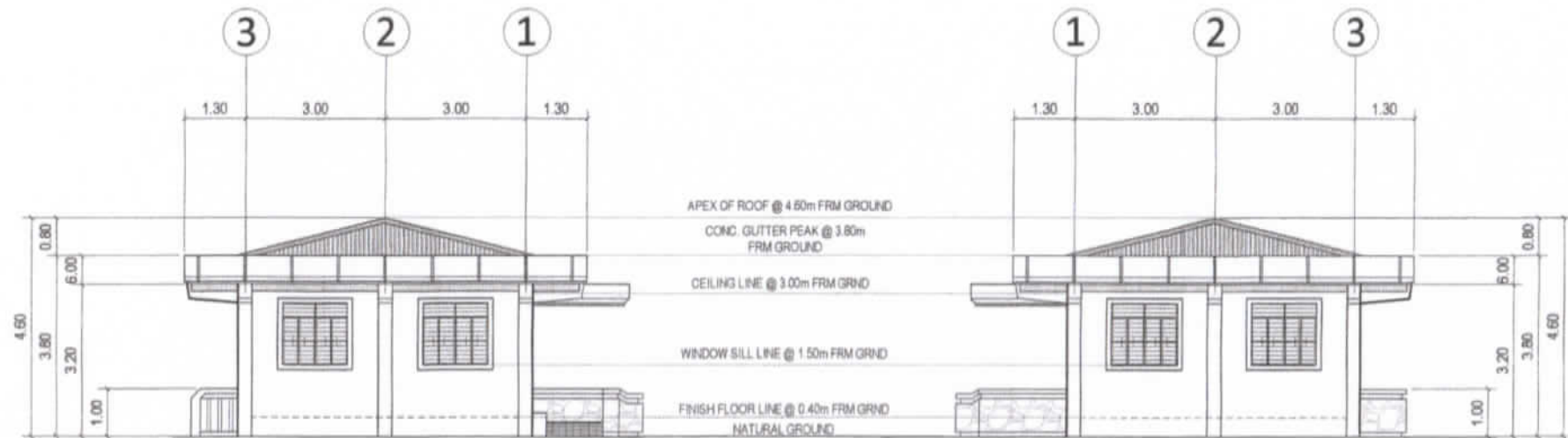
A-01
2 PERSPECTIVE
SCALE: NTS MTS

OWNER	CAD OPERATOR	ENGINEER	PROJECT TITLE	SHEET CONTENT	DESIGN BY: T. PACIA	REVISIONS		SHEET NO.
						DATE		
VICENTE B. MALANO ACTING ADMINISTRATOR	TRISTAN R. PACIA HPT-1, INFRA UNIT, ETSD	ROMEO M. PELAGIO DC, INFRA UNIT, ETSD	CONSTRUCTION OF NEW SYNOPTIC OFFICE BUILDING	FLOOR PLAN PERSPECTIVE	CHECKED:			A/01
					DATE:			ARCHITECTURAL



A-02
3 FRONT ELEVATION
SCALE: 1:100 MTS

A-02
4 REAR ELEVATION
SCALE: 1:100 MTS




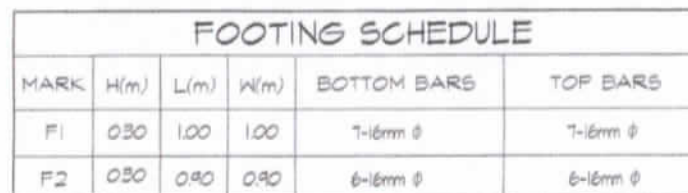
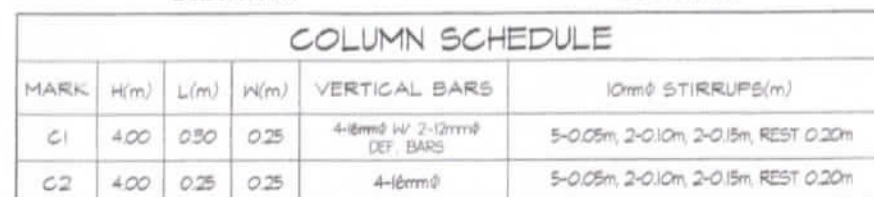
A-02
5 LEFT SIDE ELEVATION
SCALE: 1:100 MTS

A-02
6 RIGHT SIDE ELEVATION
SCALE: 1:100 MTS


OWNER	CAD OPERATOR	ENGINEER	PROJECT TITLE	SHEET CONTENT	DESIGN BY:	REVISIONS		SHEET NO.
					R. DELA CRUZ	DATE:		
VICENTE B. MALANO ACTING ADMINISTRATOR	TRISTAN R. PACIA HFT-1, INFRA UNIT, ETSD	ROMEO M. PELAGIO OIC, INFRA UNIT, ETSD	CONSTRUCTION OF NEW SYNOPTIC OFFICE BUILDING	ELEVATION	CHECKED:			A/02
			LOCATION:		DATE:			ARCHITECTURAL

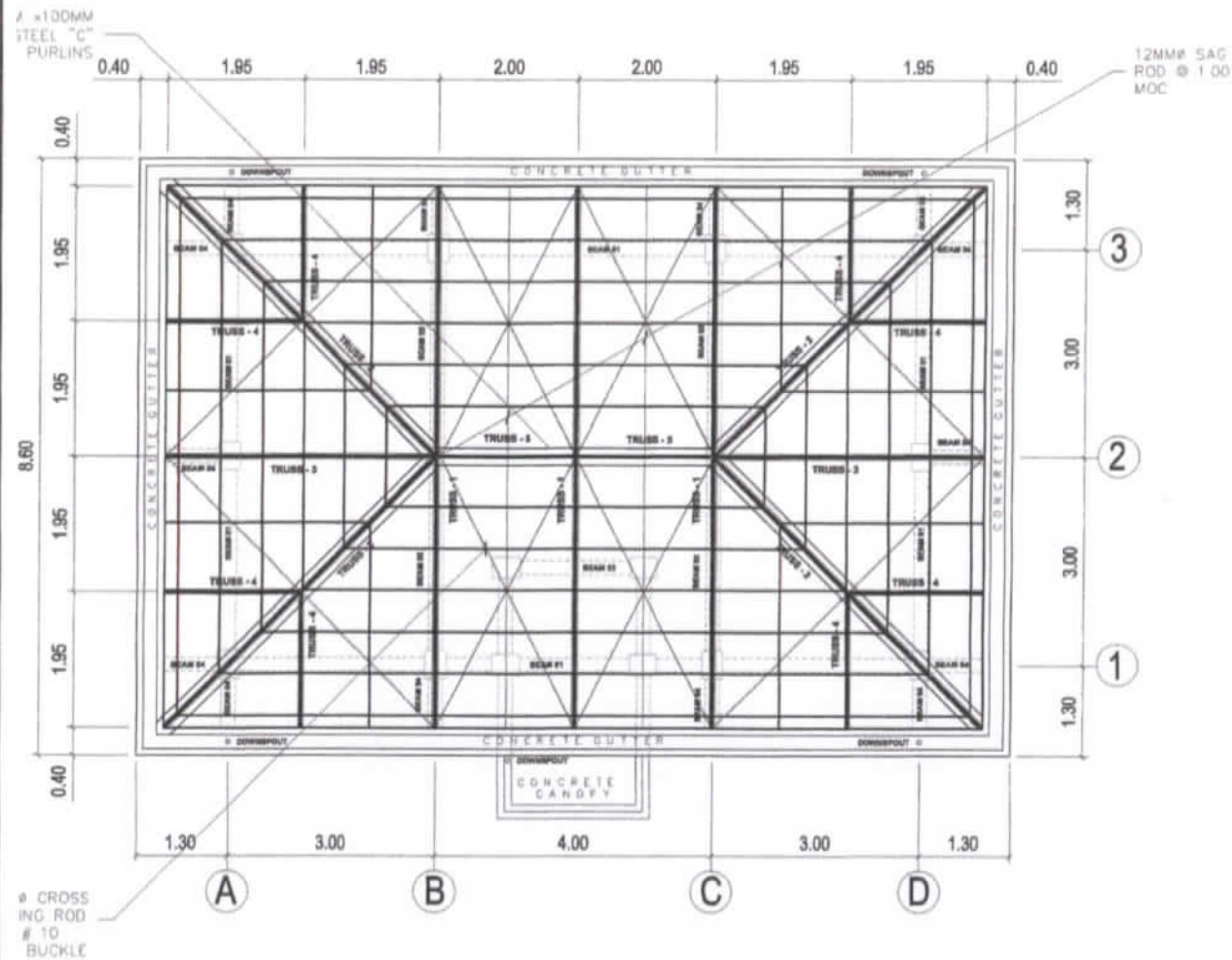


	OWNER	CAD OPERATOR	ENGINEER	PROJECT TITLE	SHEET CONTENT	DESIGN BY:	REVISIONS		SHEET NO.
	VICENTE B. MALANO ACTING ADMINISTRATOR	TRISTAN R. PACIA WFT-I, INFRA UNIT, ETSD	ROMEO M. PELAGIO CIC, INFRA UNIT, ETSD	CONSTRUCTION OF NEW SYNOPTIC OFFICE BUILDING	SECTIONAL VIEW REFLECTED CEILING PLAN CONCRETE GUTTER DETAIL	R. DELA CRUZ	DATE:		A/03
						CHECKED:			
						DATE:			
	LICENSE NO.: P/E NO.:	DATE ISSUED: DATE ISSUED:	LICENSE NO.: P/E NO.:	DATE ISSUED: DATE ISSUED:	LOCATION:				ARCHITECTURAL

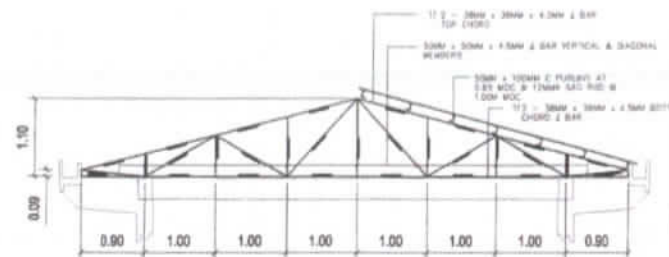


COLUMN & FOOTING DETAILS

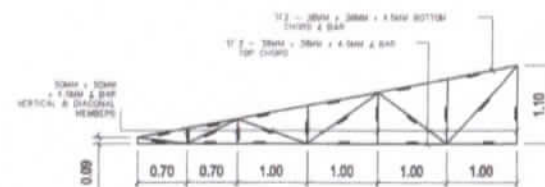
	OWNER	CAD OPERATOR:	ENGINEER	PROJECT TITLE	SHEET CONTENT	DESIGN BY:	REVISIONS		SHEET NO.
	VICENTE B. MALANO ACTING ADMINISTRATOR	TRISTAN R. FACIA WFT-1, INFRA UNIT, ETSD	ROMEO M. DELASIO OIC, INFRA UNIT, ETSD	CONSTRUCTION OF NEW SYNOPTIC OFFICE BUILDING	FOUNDATION PLAN COLUMN & FOOTING DETAILS	R. DELA CRUZ	DATE:		S/01
	CHECKED:								
	DATE:								
LICENSE NO.	DEN. ISSUED	LICENSE NO.	DEN. ISSUED	LOCATION:				STRUCTURAL	
PR. NO.	DEN. ISSUED	PR. NO.	DEN. ISSUED						



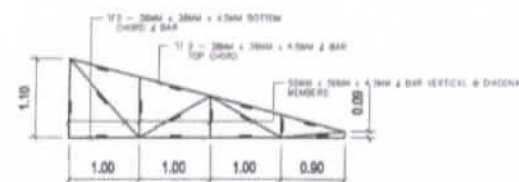
S-02 14 **ROOF FRAMING & BEAM PLAN**
SCALE: 1:75 MTS



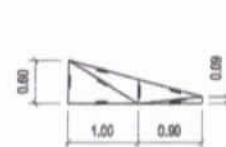
TRUSS -1



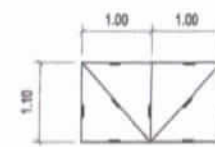
TRUSS -2



TRUSS -3



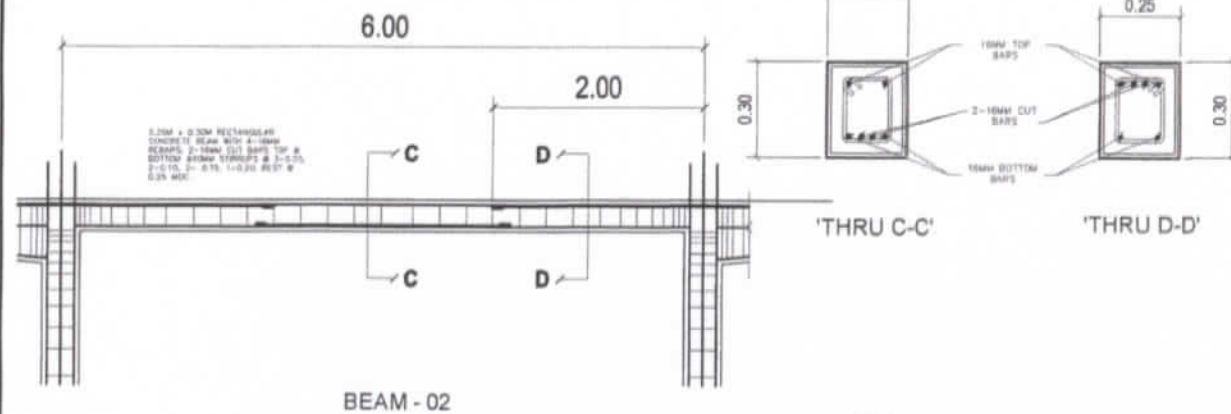
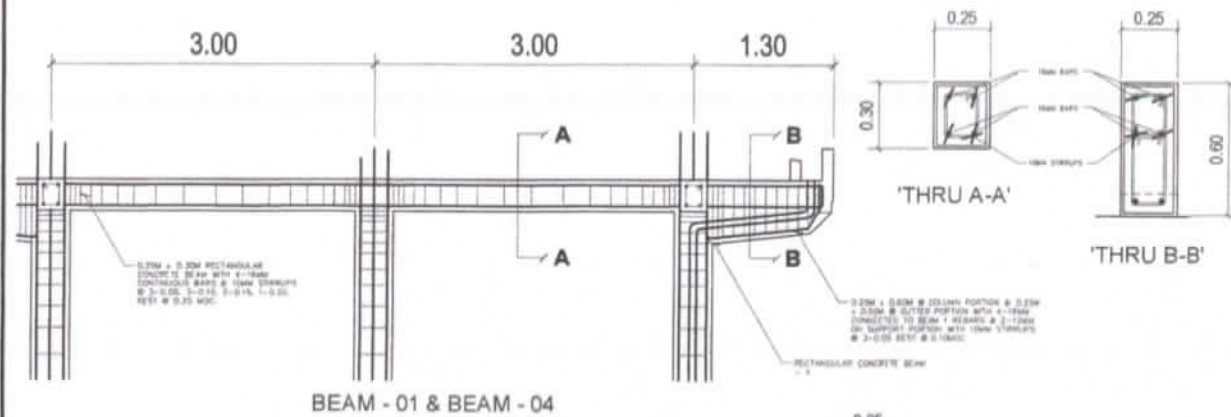
TRUSS -4



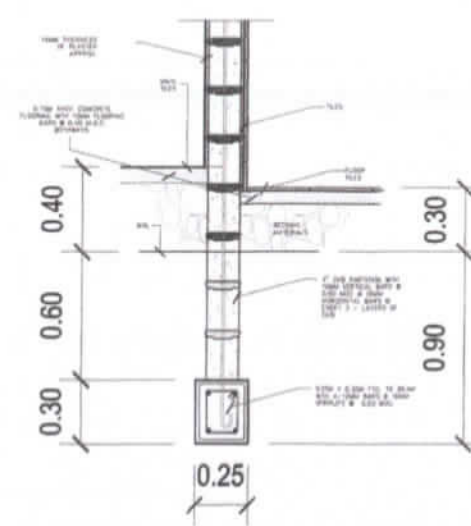
TRUSS -5

S-02 15 **ROOF TRUSS DETAIL**
SCALE: 1:50 MTS

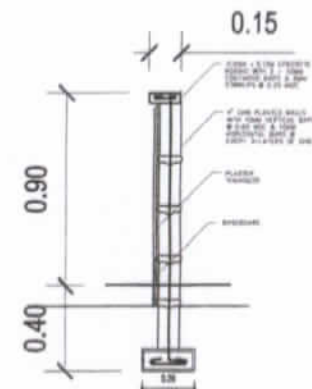
OWNER	CAD OPERATOR	ENGINEER	PROJECT TITLE	SHEET CONTENT	DESIGN BY	REVISIONS		SHEET NO.
						DATE		
VICENTE B. MALANO ACTING ADMINISTRATOR	TRISTAN R. PACIA HFT-1, INFRA UNIT, ETSD	ROMEO M. RELASIO OIC, INFRA UNIT, ETSD	CONSTRUCTION OF NEW SYNOPTIC OFFICE BUILDING	ROOF FRAMING & BEAM DETAILS ROOF TRUSS DETAIL	R. DELA CRUZ			S/02
					CHECKED:			
					DATE:			STRUCTURAL



S-03 16 BEAM DETAILS
SCALE: 1:50 MTS

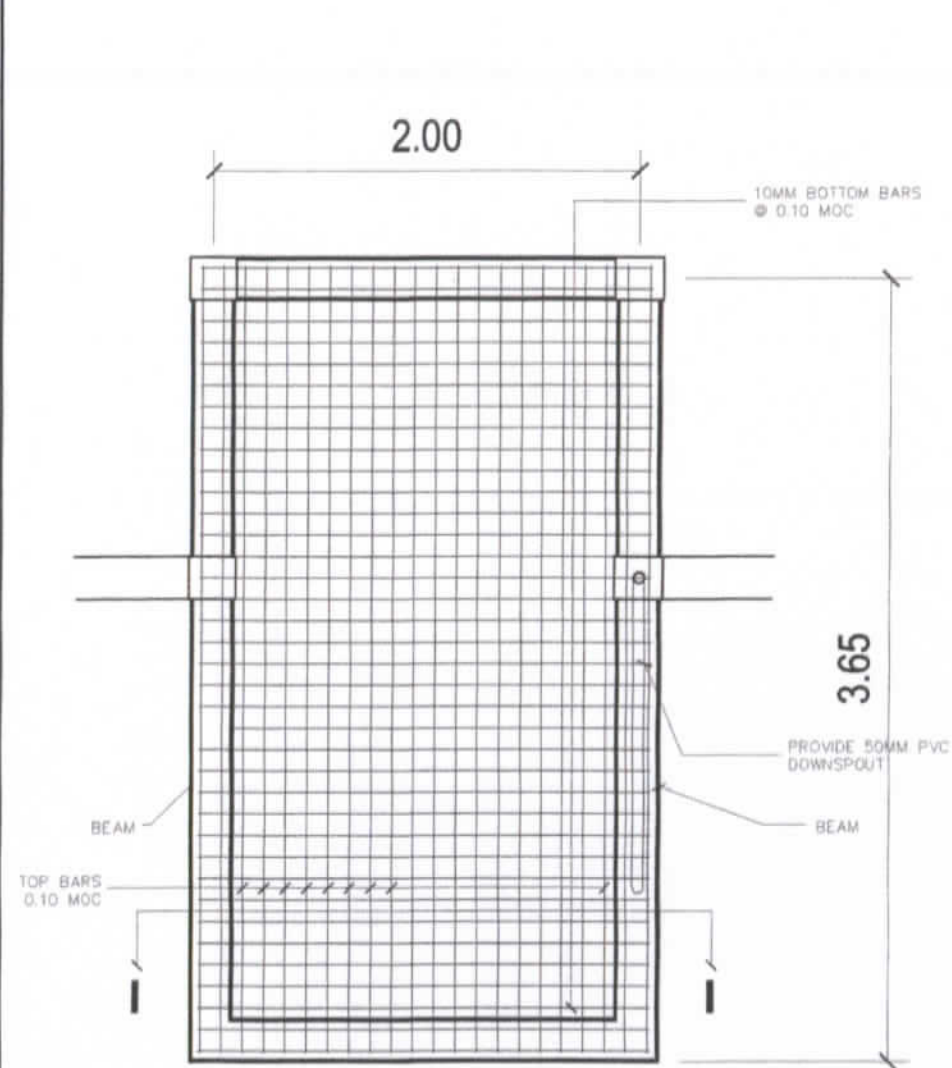


S-03 17 SCALE: 1:25 MTS

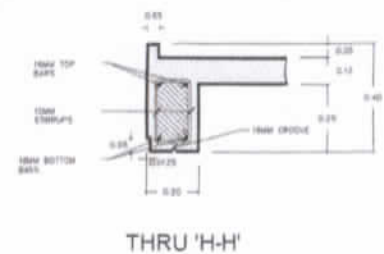
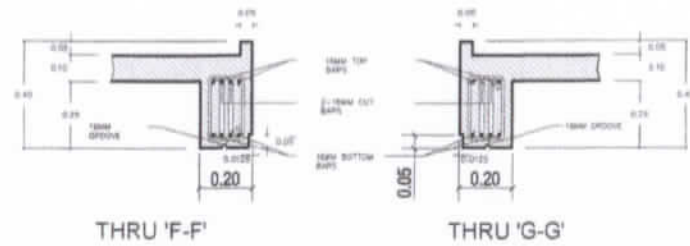
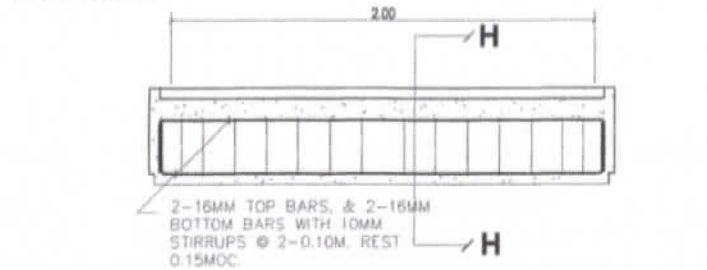
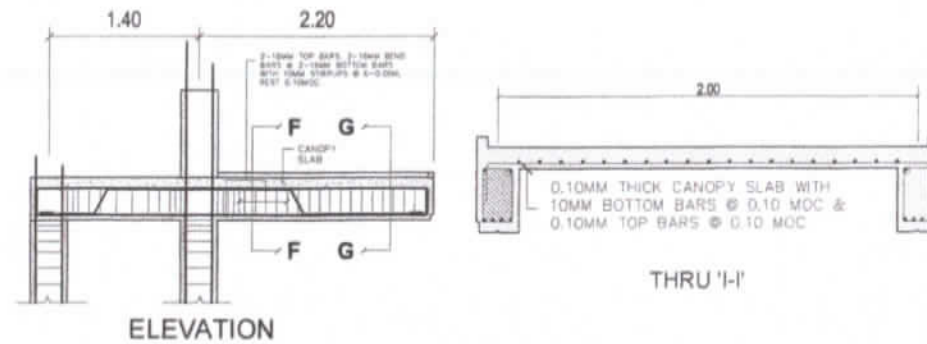


S-03 18 SCALE: 1:25 MTS

OWNER	CAD OPERATOR	ENGINEER	PROJECT TITLE	SHEET CONTENT	DESIGN BY	REVISIONS	SHEET NO.
VICENTE B. MALANO ACTING ADMINISTRATOR	TRISTAN R. FACIA WFT-1, INFRA UNIT, ETSD	ROMEO M. DELAGIO OIC, INFRA UNIT, ETSD	CONSTRUCTION OF NEW SYNOPSIS OFFICE BUILDING	BEAM DETAILS FOOTING 2 & PARTITION DETAIL WALL FOOTING DETAILS	R. DELA CRUZ	DATE:	S/03
LICENSE NO.	DATE ISSUED	LICENSE NO.	DATE ISSUED	LOCATION:	CHECKED:		
PRG. NO.	DATE ISSUED	PRG. NO.	DATE ISSUED		DATE:		STRUCTURAL

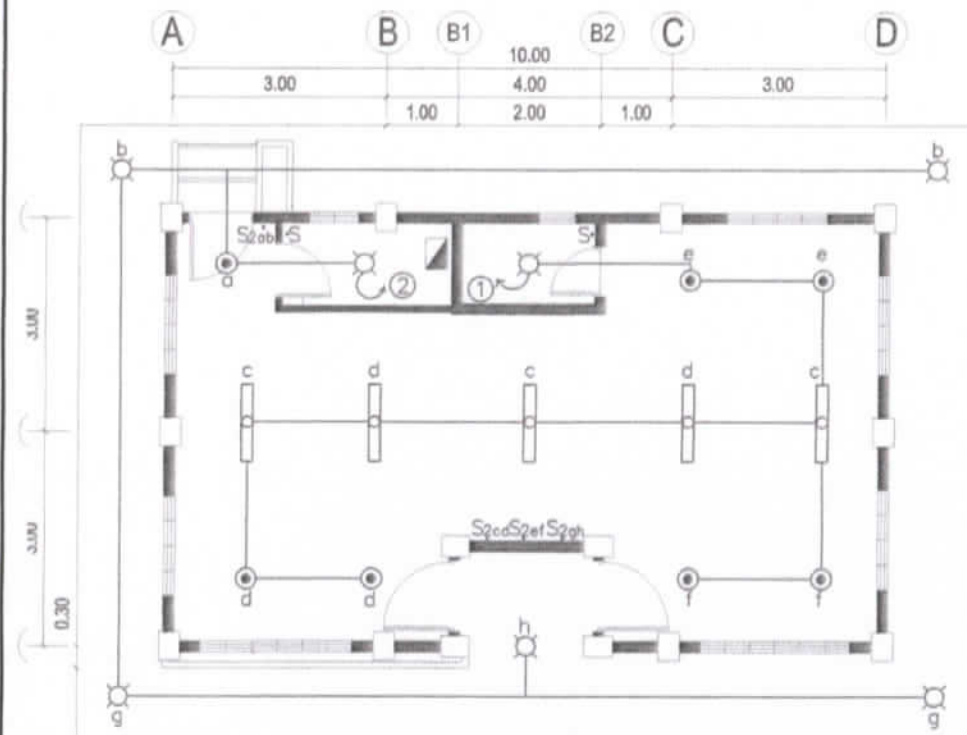


CANOPY SLAB PLAN

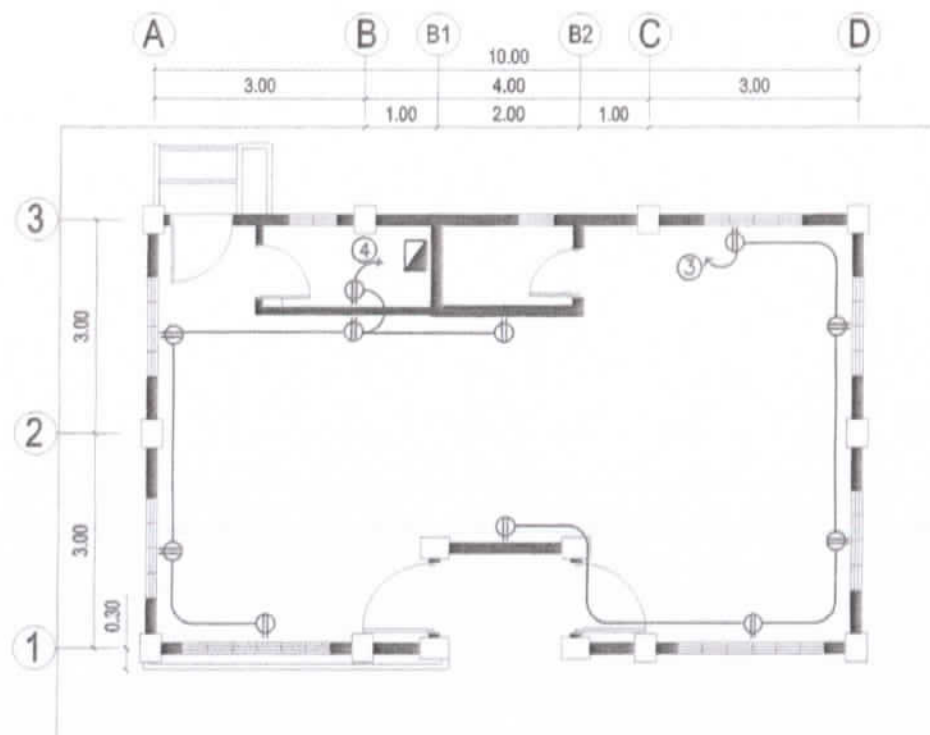


S-04 19 CANOPY SLAB DETAILS SCALE: 1:25 MTS

OWNER	CAD OPERATOR	ENGINEER	PROJECT TITLE	SHEET CONTENT	DESIGN BY:	REVISIONS		SHEET NO.
					R. DELA CRUZ	DATE:		
VICENTE B. MALANO ACTING ADMINISTRATOR	TRISTAN R. FACIA HFT-1, INFRA UNIT, ETSD	ROMEO M. PELASIO OIC, INFRA UNIT, ETSD	CONSTRUCTION OF NEW SYNOPTIC OFFICE BUILDING	BEAM DETAILS FOOTING 2 & PARTITION DETAIL HALL FOOTING DETAILS	CHECKED:			S/04
					DATE:			STRUCTURAL



LIGHTING PLAN



CONVENIENCE OUTLET PLAN

E-01 ELECTRICAL PLAN
SCALE: 1:75 MTS

OWNER	CAD OPERATOR	ENGINEER	PROJECT TITLE	SHEET CONTENT	DESIGN BY:	REVISIONS		SHEET NO.
					R. DELA CRUZ	DATE:		
VICENTE B. MALANO ACTING ADMINISTRATOR	TRISTAN R. PACIA WPT-1, INFRA UNIT, ETSD	DIOSDADO S. ORNUM WPS-2, METTS, ETSD	CONSTRUCTION OF NEW SYNOPTIC OFFICE BUILDING	ELECTRICAL PLAN	CHECKED:			E/01
					DATE:			ELECTRICAL



	OWNER	CAD OPERATOR:	ENGINEER	PROJECT TITLE	SHEET CONTENT	DESIGN BY: R. DELA CRUZ	REVISIONS		SHEET NO.
	VICENTE B. MALANO ACTING ADMINISTRATOR	TRISTAN R. PACIA NFT-1, INFRA UNIT, ETSD	DIONISIO S. ORNUM FPS-2, METTS, ETSD	CONSTRUCTION OF NEW SYNOPTIC OFFICE BUILDING	ELECTRICAL PLAN	CHECKED:	DATE:		E/02
LICENSE NO.: PIN NO.:	DATE ISSUED: DATE ISSUED:	LICENSE NO.: PIN NO.:	DATE ISSUED: DATE ISSUED:	LOCATION:				ELECTRICAL	

E-03

LOAD SCHEDULE











CKT. NO.	L.O.	C.O.	OTHER LOADS	SWITCHES			VA	V	A	SIZE OF WIRES		CONDUITS	CB RATING		
				S	S2	S3				THHN	TW		A1	AF	P
1	12			1	2		1200	230	5.22	2-2.0mm ²	1-2.0mm ²	15mm ^ø PVC	20	60	2
2	7			1	2		700	230	3.04	2-2.0mm ²	1-2.0mm ²	15mm ^ø PVC	20	60	2
3		5					900	230	3.91	2-3.5mm ²	1-2.0mm ²	15mm ^ø PVC	20	60	2
4		6					1080	230	4.70	2-3.5mm ²	1-2.0mm ²	15mm ^ø PVC	20	60	2
5			SPARE: 2HP ACU				2760	230	12			20mm ^ø PVC	30	60	2
6			SPARE: 2HP ACU				2760	230	12			20mm ^ø PVC	30	60	2
TOTAL							9400	230	40.87						

$$IT = 40.87 \times 90\% \text{ DF} = 36.78 \text{ A}$$

MCB - USE : 60AT, 60AF, 250V, 2P,
CIRCUIT BREAKER, BOLT-ON

FEEDER - USE : 2 -14mm²THHN +
1 - 8.0mm²TW (G)
IN 25mm^ø RSC

E-03 LEGEND

	—	BULB		—	DUPLEX SWITCH
	—	PIN LIGHT		—	CIRCUIT BREAKER
	—	FLUORESCENT LAMP		—	GROUNDING
	—	DUPLEX CONVENIENCE OUTLET		—	PANEL BOARD
	—	SINGLE SWITCH		—	CIRCUIT HOMERUN

E-03

GENERAL NOTES

ALL ELECTRICAL WORKS SHALL BE DONE IN ACCORDANCE WITH THE PROVISIONS OF THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE (PEC), EXISTING APPLICABLE LAWS, ORDINANCES, REQUIREMENTS, RULES AND REGULATION OF THE LOCAL GOVERNMENT AND LOCAL POWER COMPANY.

THE TYPE OF SERVICE POWER SHALL BE SINGLE PHASE, 2 WIRE, 230VOLTS, 60HZ, AC.

ALL LIGHTING CIRCUIT HOMERUNS AND CONVENIENCE OUTLETS SHALL BE WIRED WITH NOT LESS THAN 2.0mm², THHN/TW IN SIZE. ALL 20 AMPERE CIRCUIT HOMERUNS WITH MORE THAN 30 METERS IN LENGTH SHALL BE WIRED WITH 5.5mm² THHN/TW. LIKEWISE, ALL ELECTRICAL WIRES SHALL BE COLOR-CODED.

THE MINIMUM SIZE OF WIRE AND CONDUIT TO BE USED SHALL BE 2.0mm² THHN / TW AND 15mm NOMINAL DIAMETER, RESPECTIVELY.

WHEREVER REQUIRED AND NECESSARY, JUNCTION BOXES OR PULL BOXES SHALL BE INSTALLED AT INCONSPICUOUS LOCATIONS ALTHOUGH SUCH BOXES ARE NOT SHOWN ON THE PLANS NOR MENTIONED IN THE SPECIFICATIONS.

ALL NON-CURRENT CARRYING METAL PARTS/ENCLOSURES OF ELECTRICAL EQUIPMENT SHALL BE PROPERLY GROUNDING IN ACCORDANCE WITH ARTICLE 250 OF THE PHILIPPINE ELECTRICAL CODE PART 1, 2009 EDITION.

THE ELECTRICAL SYSTEM SHALL HAVE A GROUND RESISTANCE NOT EXCEEDING 5 OHMS.

STANDARD TYPE OF ACCESSORIES, SPLICING DEVICES, TERMINATION AND OTHER APPURTENANCES FOR THE ENTIRE ELECTRICAL INSTALLATION SHALL BE USED.

ALL MATERIALS TO BE USED AND INSTALLED SHALL BE BRAND NEW AND OF APPROVED TYPE FOR THE LOCATION AND PURPOSE.

UNDERGROUND CONDUIT SHALL BE BURIED A MINIMUM OF 600mm BELOW FINISHED GRADE LINE AND SHALL BE ENCASED IN 20.69MPa CONCRETE AT A MINIMUM 76mm THICKNESS ALL AROUND.

ALL WALL OUTLETS SHALL BE INSTALLED AT THE FOLLOWING HEIGHT ABOVE FINISHED FLOOR LEVEL, UNLESS NOTED ON THE PLANS:

- a. WALL SWITCHES : 1200mm
- b. CONVENIENCE OUTLET : 300mm/150mm ABOVE WORKPLACE
- c. AIR CONDITIONING OUTLET : AT CONVENIENCE HEIGHT NEAR EQUIPMENT
- d. OTHER : AT CONVENIENCE HEIGHT NEAR EQUIPMENT

ALL ELECTRICAL WORKS SHALL BE DONE UNDER THE DIRECT AND IMMEDIATE SUPERVISOR OF A DULY REGISTERED PROFESSIONAL ELECTRICAL ENGINEER.

OWNER	CAD OPERATOR	ENGINEER	PROJECT TITLE	SHEET CONTENT	DESIGN BY:	REVISIONS		SHEET NO.
					R. DELA CRUZ	DATE:		
VICENTE B. MALANO ACTING ADMINISTRATOR	TRISTAN R. PACIA NFT-1, INFRA BMT, ETSD	DIOBADO S. ORNUM NFS-2, NETTS, ETSD	CONSTRUCTION OF NEW SYNOPTIC OFFICE BUILDING	LOAD SCHEDULE LOAD COMPUTATION LEGEND GENERAL NOTES	CHECKED:			E/03
					DATE:			ELECTRICAL