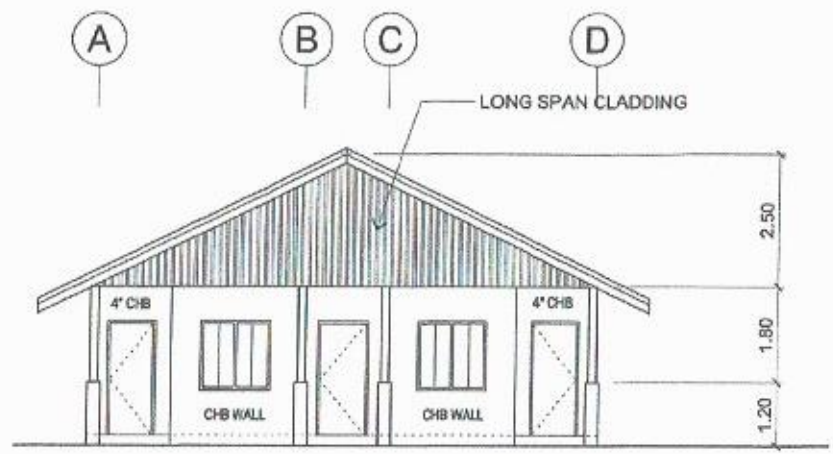
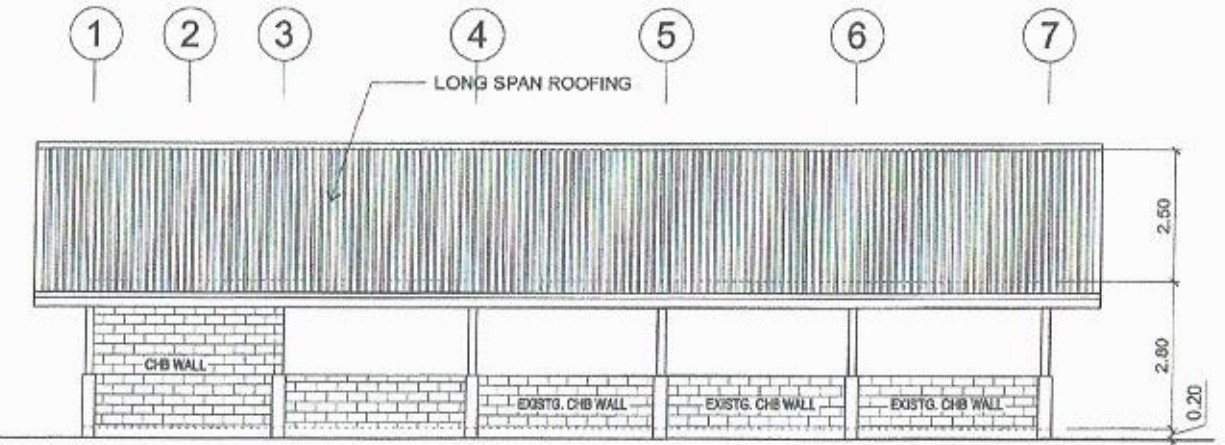


FLOOR PLAN
SCALE 1 : 100 MTS.

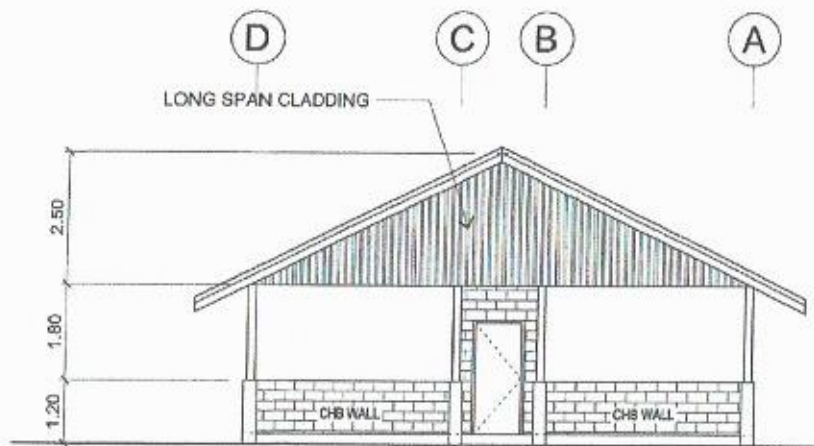


FRONT ELEVATION
SCALE 1 : 100 MTS.

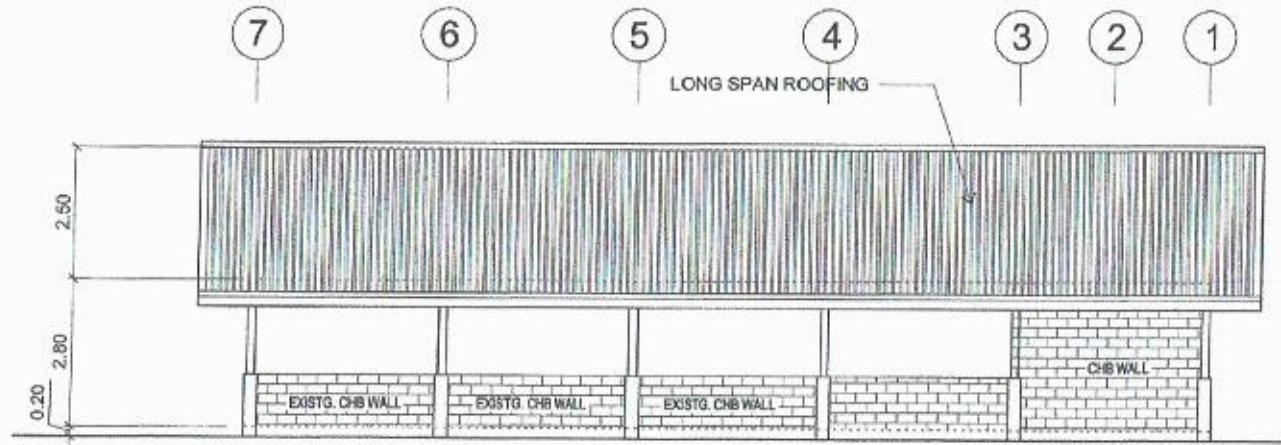


RIGHT SIDE ELEVATION
SCALE 1 : 100 MTS.

CADD BY: <i>[Signature]</i> E. N. RODEROS JR.	END USER: <i>[Signature]</i> M. N. ALACANTARA CHAIRPERSON DEPT. OF AN. SCI.	ENDORSED BY: <i>[Signature]</i> R. B. CUBILLA DIRECTOR PLANNING OFFICE	REC. APPROVAL: <i>[Signature]</i> H. O. GARCIA VPASS CVSU	APPROVED BY: <i>[Signature]</i> H. D. ROBLES PRES CVSU	PROJECT TITLE/LOCATION: REPAIR & IMPVT. OF PIGGERY HOUSE CVSU, MAIN CAMPUS	IMPLEMENTING AGENCY CAVITE STATE UNIVERSITY	SHT NO: A - 1
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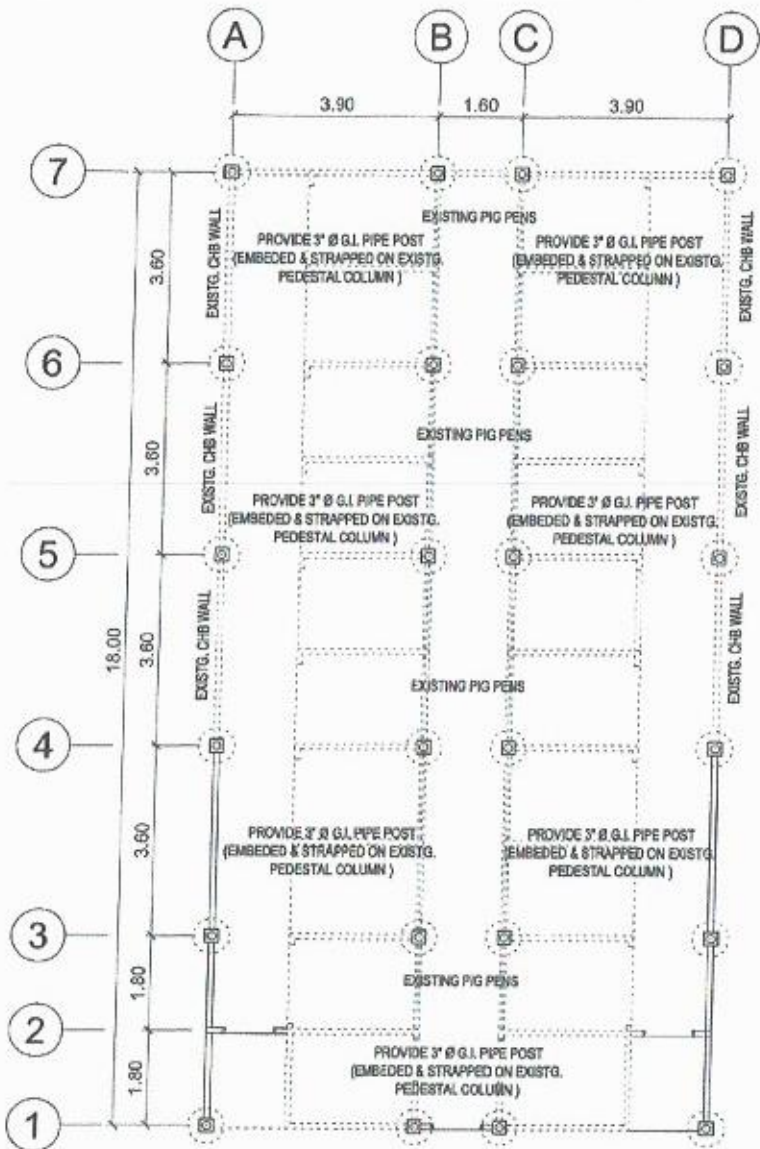



REAR ELEVATION
SCALE 1 : 100 MTS.

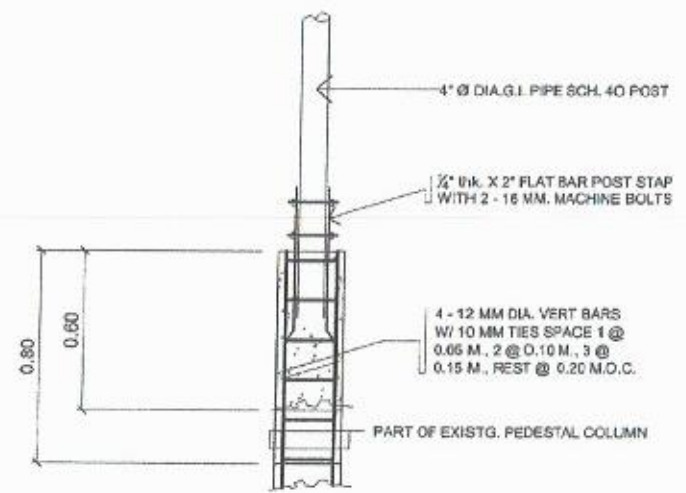


LEFT SIDE ELEVATION
SCALE 1 : 100 MTS.

CADD BY: <i>[Signature]</i> E. N. RODEROS JR.	END USER: <i>[Signature]</i> M. N. ALACANTARA CHAIRPERSON DEPT. OF AN. SCI.	ENDORSED BY: <i>[Signature]</i> R. B. CUBILLA DIRECTOR PLANNING OFFICE	REC. APPROVAL: <i>[Signature]</i> H. O. GARCIA VPASS CVSU	APPROVED BY: <i>[Signature]</i> H. D. ROBLES PRES CVSU	PROJECT TITLE/LOCATION: REPAIR & IMPVT. OF PIGGERY HOUSE CVSU, MAIN CAMPUS	IMPLEMENTING AGENCY CAVITE STATE UNIVERSITY	SHT NO. A - 2
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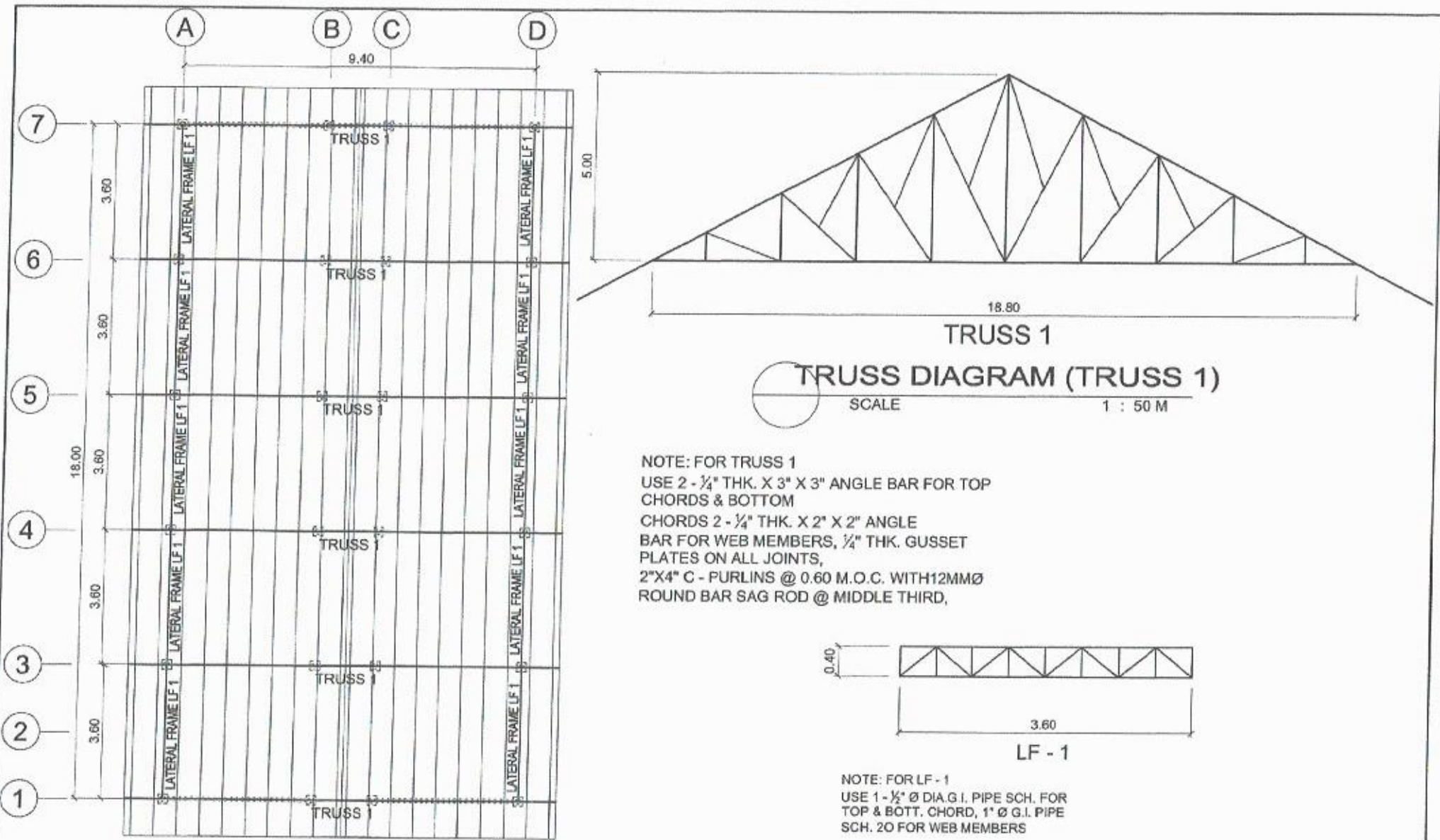



PLAN FOR STEEL POST
 SCALE 1 : 100 MTS.



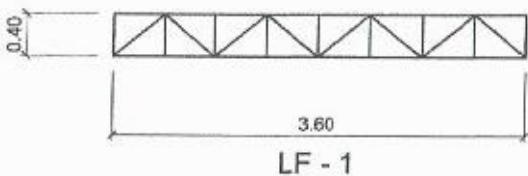

DET. CONN. OF STEEL POST
 SCALE 1 : 20 MTS.

CADD BY:	END USER:	ENDORSED BY:	REG. APPROVAL:	APPROVED BY:	PROJECT TITLE/LOCATION:	IMPLEMENTING AGENCY:	SHT NO.:
E. N. RODEROS, JR.	M. N. ALACANTARA CHAIRPERSON DEPT. OF AN. SCI.	R. B. CUBILLA DIRECTOR PLANNING OFFICE	H. O. GARCIA VPASS CVSU	H. D. ROBLES PRES CVSU	REPAIR & IMPVT. OF PIGGERY HOUSE CVSU, MAIN CAMPUS	CAVITE STATE UNIVERSITY	S - 1



TRUSS DIAGRAM (TRUSS 1)
SCALE 1 : 50 M

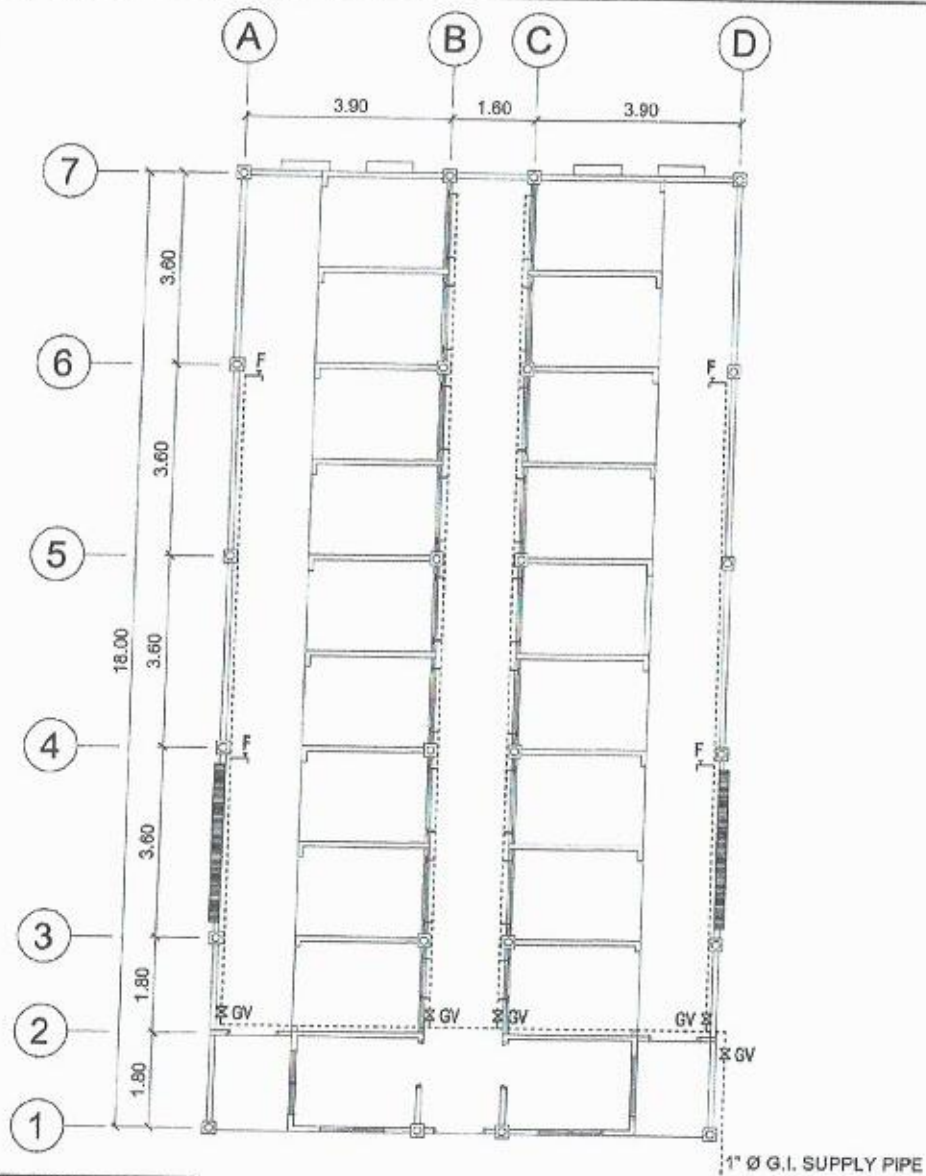
NOTE: FOR TRUSS 1
 USE 2 - 1/4" THK. X 3" X 3" ANGLE BAR FOR TOP
 CHORDS & BOTTOM
 CHORDS 2 - 1/4" THK. X 2" X 2" ANGLE
 BAR FOR WEB MEMBERS, 1/4" THK. GUSSET
 PLATES ON ALL JOINTS,
 2"X4" C - PURLINS @ 0.60 M.O.C. WITH 12MMØ
 ROUND BAR SAG ROD @ MIDDLE THIRD,



NOTE: FOR LF - 1
 USE 1 - 1/2" Ø DIA. G.I. PIPE SCH. FOR
 TOP & BOTT. CHORD, 1" Ø G.I. PIPE
 SCH. 20 FOR WEB MEMBERS

ROOF FRAMING PLAN
SCALE 1 : 100 MTS.

CADD BY:	END USER:	ENDORSED BY:	REC. APPROVAL:	APPROVED BY:	PROJECT TITLE/LOCATION:	IMPLEMENTING AGENCY:	SHT NO.:
E. N. RODEROS JR.	M. N. ALACANTARA CHAIRPERSON DEPT. OF AN. SCI.	R. B. CUBILLA DIRECTOR PLANNING OFFICE	H. O. GARCIA VPASS CVSU	A. D. ROBLES PRES CVSU	REPAIR & IMPVT. OF PIGGERY HOUSE CVSU, MAIN CAMPUS	CAVITE STATE UNIVERSITY	S - 2



1" Ø G.I. SUPPLY PIPE

REGISTERED MASTER PLUMBER:

S. B. BAYOT JR.



WATER LINE LAYOUT

SCALE 1 : 100 MTS.

CADD BY:	END USER:	ENDORSED BY:	REC. APPROVAL:	APPROVED BY:	PROJECT TITLE/ LOCATION:	IMPLEMENTING AGENCY:	SHT NO.:
E. N. RODEROS JR.	M. N. ALACANTARA CHAIRPERSON DEPT. OF AN. SCI.	R. B. OUBILLA DIRECTOR PLANNING OFFICE	H. O. GARCIA VPASS CVSU	M. D. ROBLES PRES CVSU	REPAIR & IMPVT. OF PIGGERY HOUSE CVSU, MAIN CAMPUS	CAVITE STATE UNIVERSITY	P - 1

SCHEDULE OF LOADS

PANEL : Lighting and Power Panel 1		CABLE: 2 - 8.0 SQ. MM THHN + G 5.5 SQ MM THHN		MAIN: 50 AT, 100AF, 2P, 230V, 10 KAIC, CB					
PHASE: 1		CONDUIT: RSC, 25 MM DIA.		ENCLOSURE: NEMA 1					
VOLTS: 230		BUILDING: PIGGERY HOUSE		MOUNTING: SURFACE					
CIR. NO.	CIRCUIT DESCRIPTION	LOAD IN			Circuit Protection	Size of Conductor		Size of Conduit in	Color Code
		WATTS	VOLT	AMPERES	Circuit Breaker Rating	SQ. MM THHN	SQ. MM TIEBNG	MM ø	
1	10 LIGHTING OUTLETS	1000	230	4.35	20AT, 2P, 230V, 10 KAIC	2 - 3.5	+ G 3.5	RSC, 15	1BLK, 1R, G
2	10 LIGHTING OUTLETS	1000	230	4.35	20AT, 2P, 230V, 10 KAIC	2 - 3.5	+ G 3.5	RSC, 15	1BLK, 1R, G
3	10 LIGHTING OUTLETS	1000	230	4.35	20AT, 2P, 230V, 10 KAIC	2 - 3.5	+ G 3.5	RSC, 15	1BLK, 1R, G
4	10 CONVENIENCE OUTLETS	1800	230	7.83	20AT, 2P, 230V, 10 KAIC	2 - 3.5	+ G 3.5	RSC, 15	1BLK, 1R, G
5	SPARE								
6	SPARE								
TOTAL		4600	230	20.87	50AT, 2P, 230V, 10 KAIC	2 - 8.0	+ G 5.5	RSC, 25	1BLK, 1R, G

MAIN FEEDER and CURRENT PROTECTION COMPUTATION:

$I_{TL} = \dots \dots \dots 22.87 \text{ Amperes}$

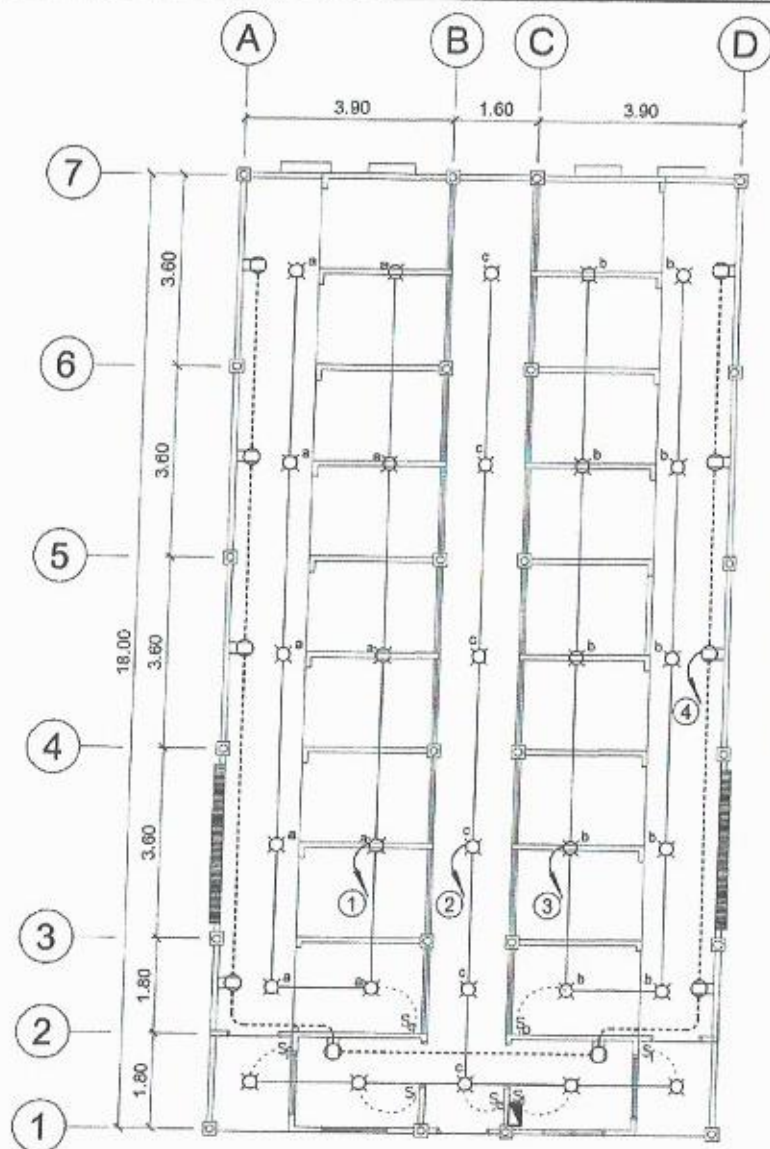
use: 2 - 8.0 SQMM THHN (24A/55A) + 1 - 5.5 SQMM THHN IN 40 MM DIA. RSC

$I_{cb} = \dots \dots \dots 32.70 \text{ Amperes}$

use: 50AT, 100AF, 2P, 230V, 10KAIC, CB

NOTE: G - Means Ground Wire
 1BLK - Color BLACK
 1R - Color RED
 1G - Color GREEN (Equipment Grounding)

*This Electrical Design is good only for the above connected loads.
 Any additional electrical load connection in the future is not allowed,
 Except redesign of electrical load system will be done.*



ELECTRICAL LAYOUT

SCALE 1 : 100 MTS.

PROF. ELECTR. ENGR.:

R. P. PERA

CADD BY:

E. N. RODRIGOS JR.

END USER:

M. N. ALACANTARA
 CHAIRPERSON DEPT. OF AN. SCI.

ENDORSED BY:

R. B. CUBILLA
 DIRECTOR PLANNING OFFICE

REC. APPROVAL:

H. O. GARCIA
 VPASS CVSU

APPROVED BY:

H. D. ROBLES
 PRES CVSU

PROJECT TITLE/LOCATION:

REPAIR & IMPVT. OF PIGGERY HOUSE
 CVSU, MAIN CAMPUS

IMPLEMENTING AGENCY:

CAVITE STATE UNIVERSITY

SHT NO.:

E - 1