



PERSPECTIVE

SCALE:

NTS



SITE DEVELOPMENT PLAN

SCALE:

NTS



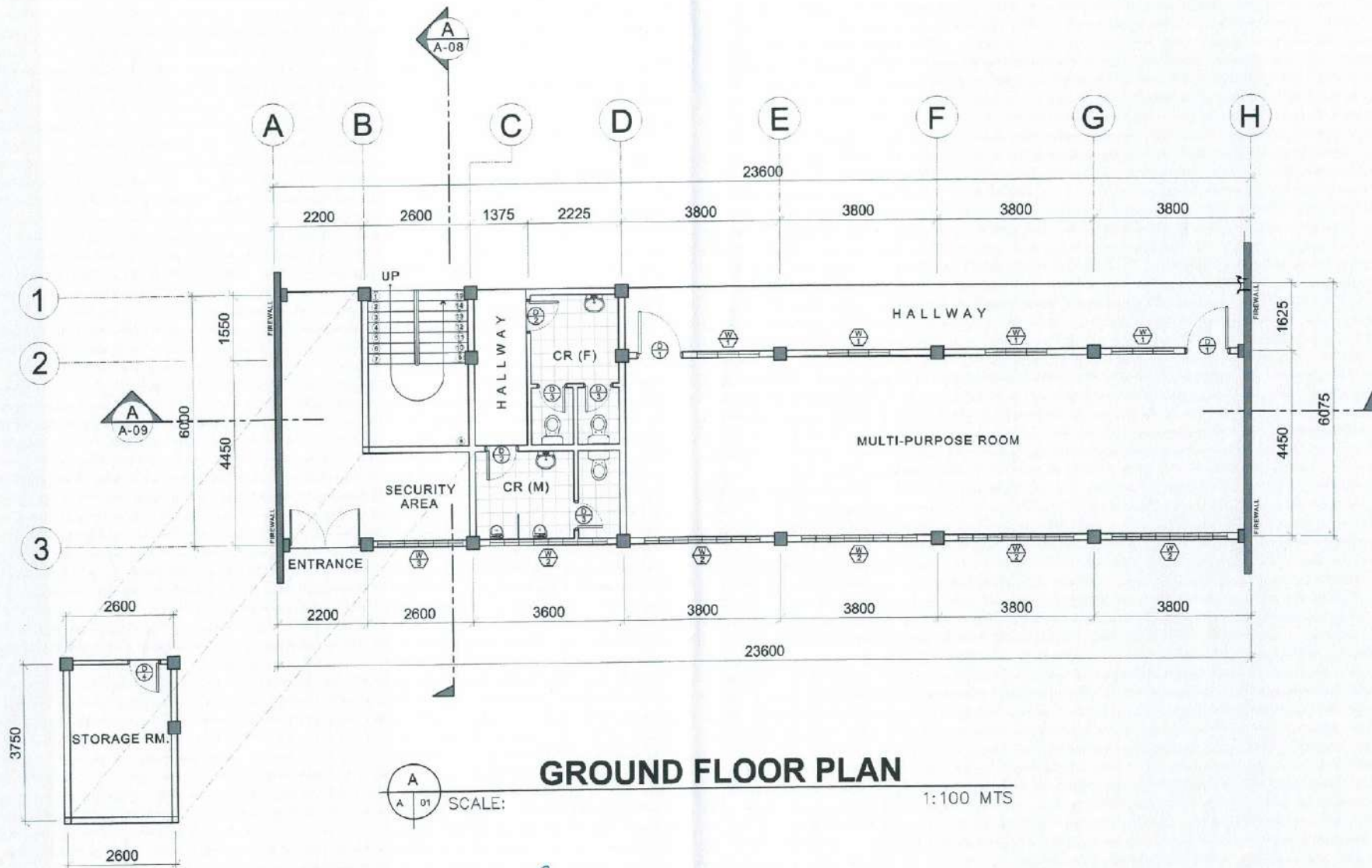
LOCATION MAP


SCALE:

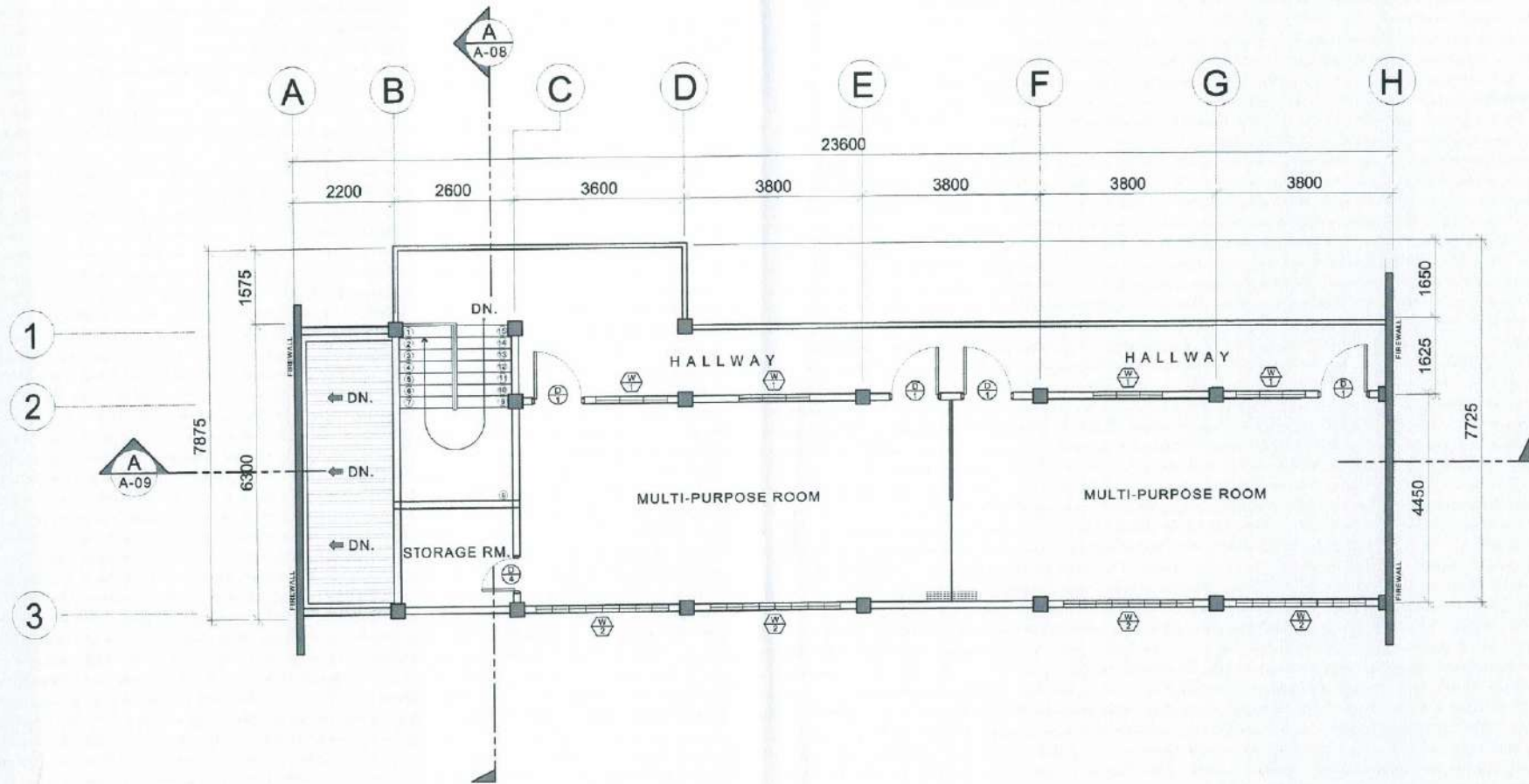
NTS



PREPARED BY: <i>M.N. GATDULA</i> M.N. GATDULA STAFF PPU-PO	END-USER: <i>T.C. LOPEZ</i> T.C. LOPEZ CAMPUS ADMIN. TANZA	REVIEWED BY: <i>E.N. RODEROS JR.</i> E.N. RODEROS JR. UNIT HEAD PPU-PO	ENDORSED BY: <i>Q.B. DELOS REYES</i> Q.B. DELOS REYES DIRECTOR PD	ENDORSED BY: <i>M.J.D. TEPORA</i> M.J.D. TEPORA VP DVPPD	RECOM APPROVAL: VP DVPASS	APPROVED BY: <i>H.D. ROBLES</i> H.D. ROBLES PRES THIS UNIVERSITY	PROJECT TITLE: PROPOSED TWO STOREY MULTI-PURPOSE HALL AT CvSU-TANZA CAMPUS	AGENCY: CvSU	SHEET NO: A-1
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PREPARED BY:	END-USER:	REVIEWED BY:	ENDORSED BY:	RECOM APPROVAL:	APPROVED BY:	PROJECT TITLE:	AGENCY:	SHEET NO.:
 M.N. GARDULA STAFF PPLU-PO	T.C. LOPEZ CAMPUS ADMIN. TANZA	E.N. RODEROS, JR. UNIT HEAD PPLU-PO	C.B. DELOS REYES DIRECTOR PD	M.J.C. TEPORA VP DVPPB	H.D. ROBLES PRES THIS UNIVERSITY	PROPOSED TWO STOREY MULTI-PURPOSE HALL AT CvSU-TANZA CAMPUS	CvSU	A-2

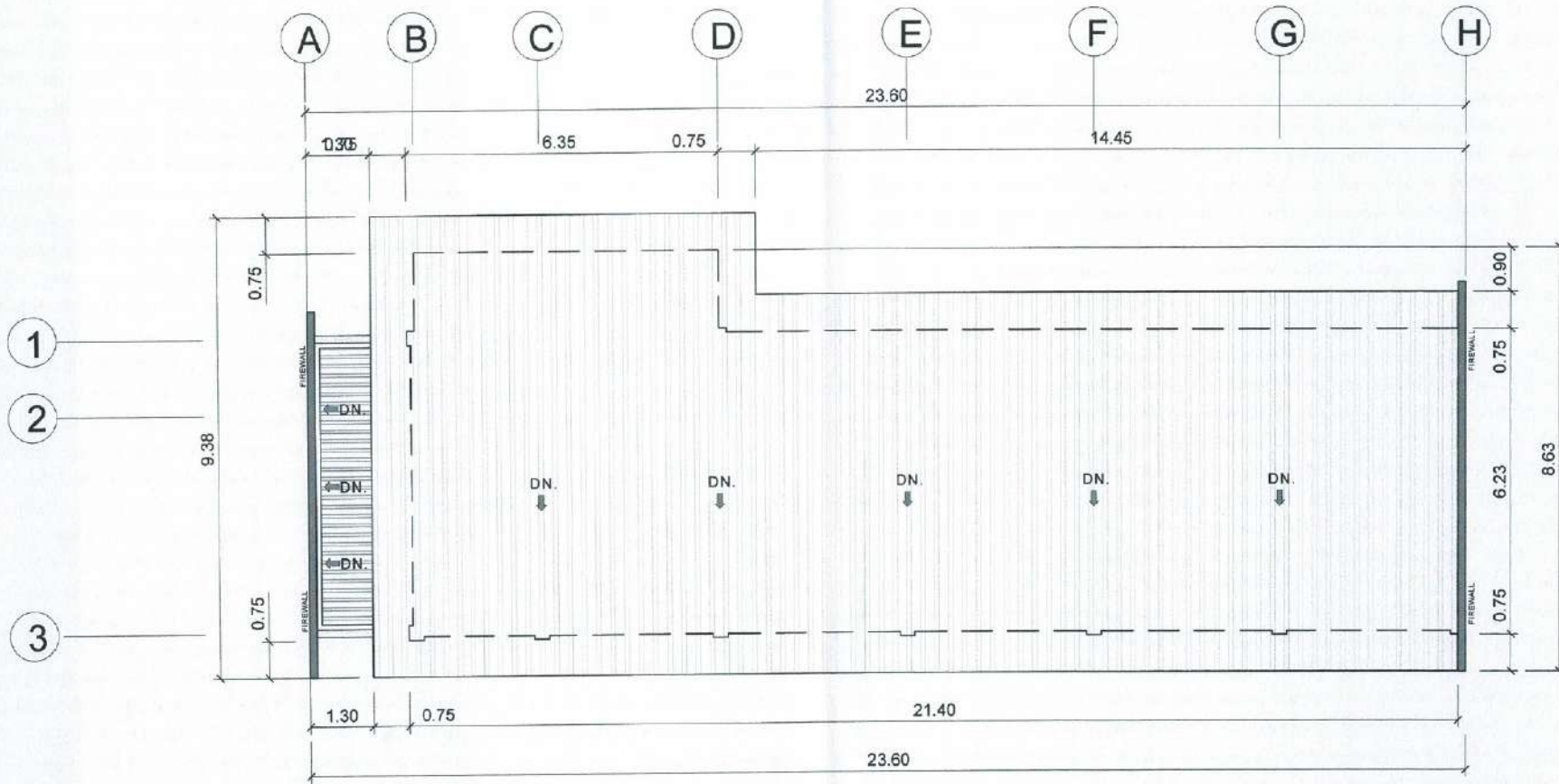


SECOND FLOOR PLAN

SCALE:

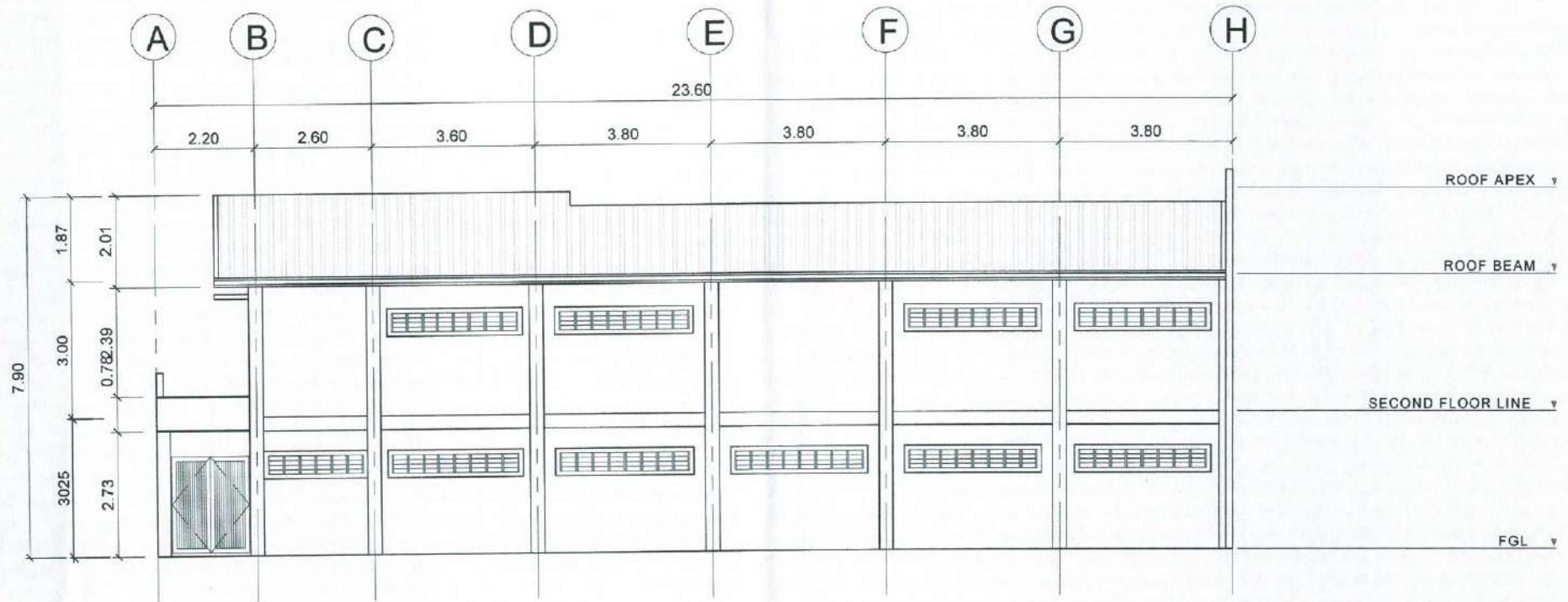
1:100 MTS

PREPARED BY:	END-USER:	REVIEWED BY:	ENDORSED BY:	RECOMAPPROVAL:	APPROVED BY:	PROJECT TITLE:	AGENCY:	SHEET NO:
 M.N. GATDULA STAFF PPU-PD	T.C. LOPEZ CAMPUS ADMIN. TANZA	E.N. RODEROS, JR. UNIT HEAD PPU-PD	O.B. DELOS REYES DIRECTOR PD	M.J.D. TEPORA VP DVPPD VP	H.D. ROBLES PRES THIS UNIVERSITY	PROPOSED TWO STOREY MULTI-PURPOSE HALL AT CvSU-TANZA CAMPUS	CvSU	A-3




1
A3
ROOF PLAN
 SCALE 1 : 100 MTS.

	PREPARED BY: <i>M. N. Gatdula</i>	END USER: <i>T. C. Lopez</i>	REVIEWED BY: <i>E. N. Rogeros</i>	ENDORSED BY: <i>M. J. L. Tepora</i>	REC. APPROVAL: VPASS	APPROVED BY: <i>H. D. Robles</i>	PROJECT TITLE/ LOCATION: PROPOSED MULTI-PURPOSE BUILDING AT CVSU TANZA CAMPUS CAVITE STATE UNIVERSITY TANZA CAMPUS	IMPLEMENTING AGENCY: CAVITE STATE UNIVERSITY	SHT NO.: A - 3
	M. N. GATDULA PPU OVPD	T. C. LOPEZ DEAN TANZA CAMPUS	E. N. ROGEROS PPU OVPD DIRECTOR	O. B. DELOS REYES PPU DIRECTOR PLANNING OFFICE	M. J. L. TEPORA VPPD CVSU	H. D. ROBLES PRES CVSU			



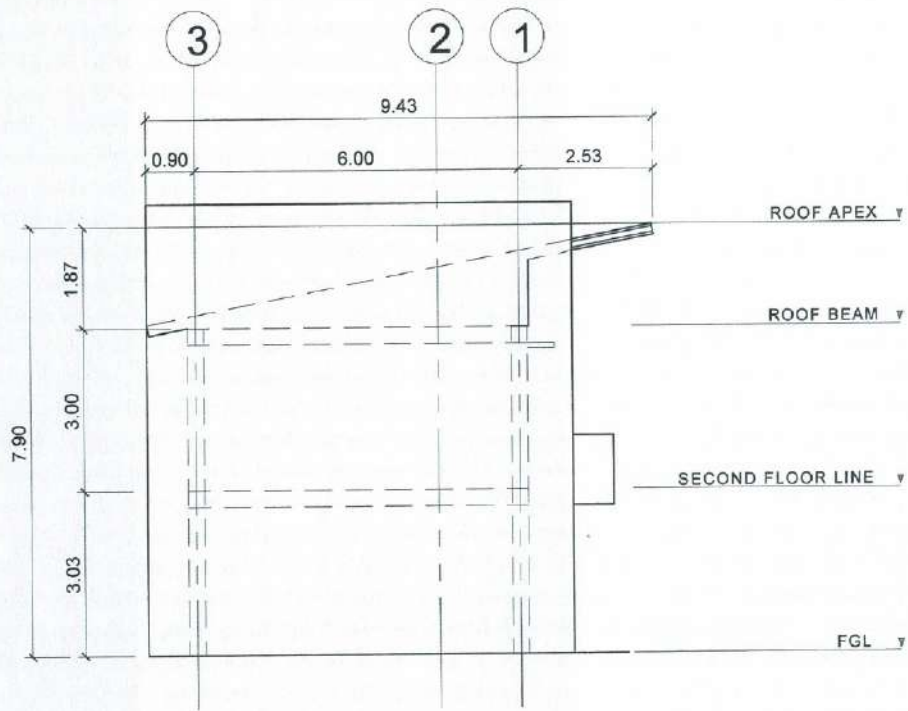
1
A4
 FRONT ELEVATION
 SCALE 1 : 100 MTS.

	PREPARED BY: <i>M. N. Gatdula</i> M. N. GATDULA PPU VPVPD	END USER: <i>T. C. Lopez</i> T. C. LOPEZ DEAN TANZA CAMPUS	REVIEWED BY: <i>E. N. Roberos</i> E. N. ROBEROS PPU VPVPD	ENDORSED BY: <i>O. B. Delos Reyes</i> O. B. DELOS REYES DIRECTOR PLANNING OFFICE	REC. APPROVAL: <i>M. J. D. Tepora</i> M. J. D. TEPORA VPASS CVSU	APPROVED BY: <i>H. D. Robles</i> H. D. ROBLES PRES CVSU	PROJECT TITLE/ LOCATION: PROPOSED MULTI-PURPOSE BUILDING AT CVSU TANZA CAMPUS CAVITE STATE UNIVERSITY TANZA CAMPUS	IMPLEMENTING AGENCY: CAVITE STATE UNIVERSITY	SHT NO: A - 4
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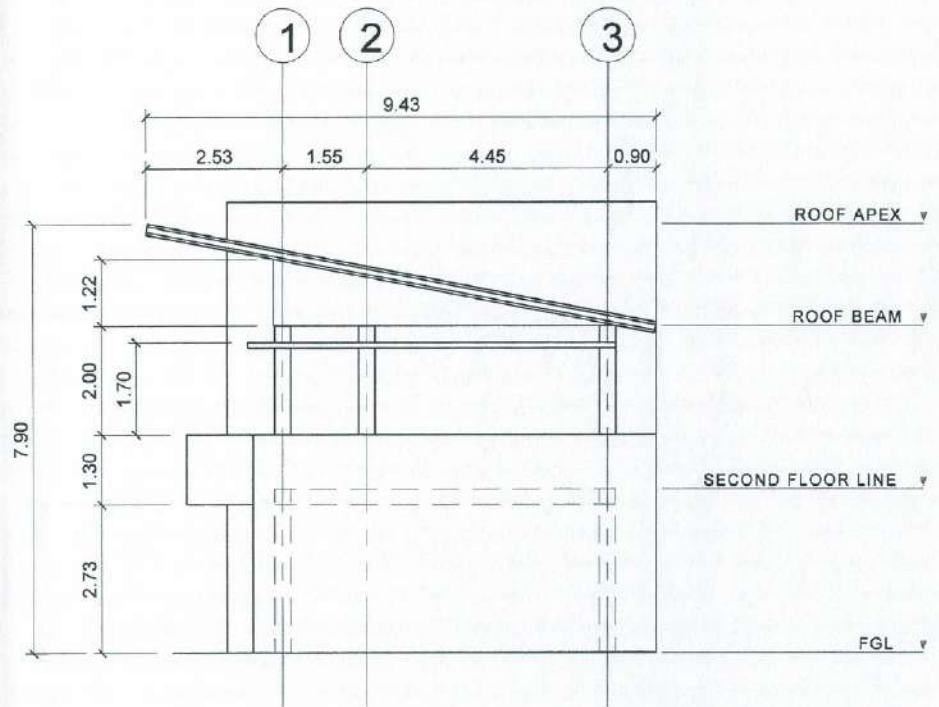


1
A5
 REAR ELEVATION
 SCALE 1 : 100 MTS.


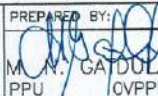
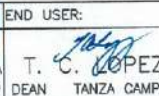
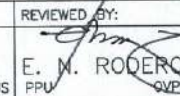

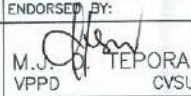
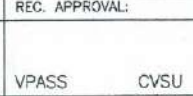
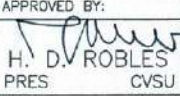
	PREPARED BY: <i>M.A.N. GAMBULA</i> PPU	END USER: <i>T. C. LOPEZ</i> DEAN TANZA CAMPUS	REVIEWED BY: <i>E. N. RODEROS</i> OVPD	ENDORSED BY: <i>O. B. DELOS REYES</i> DIRECTOR PLANNING OFFICE	REC. APPROVAL: VPASS	APPROVED BY: <i>H. D. ROBLES</i> PRES	PROJECT TITLE/ LOCATION: PROPOSED MULTI-PURPOSE BUILDING AT CVSU TANZA CAMPUS CAVITE STATE UNIVERSITY TANZA CAMPUS	IMPLEMENTING AGENCY: CAVITE STATE UNIVERSITY	SHT NO: A - 5
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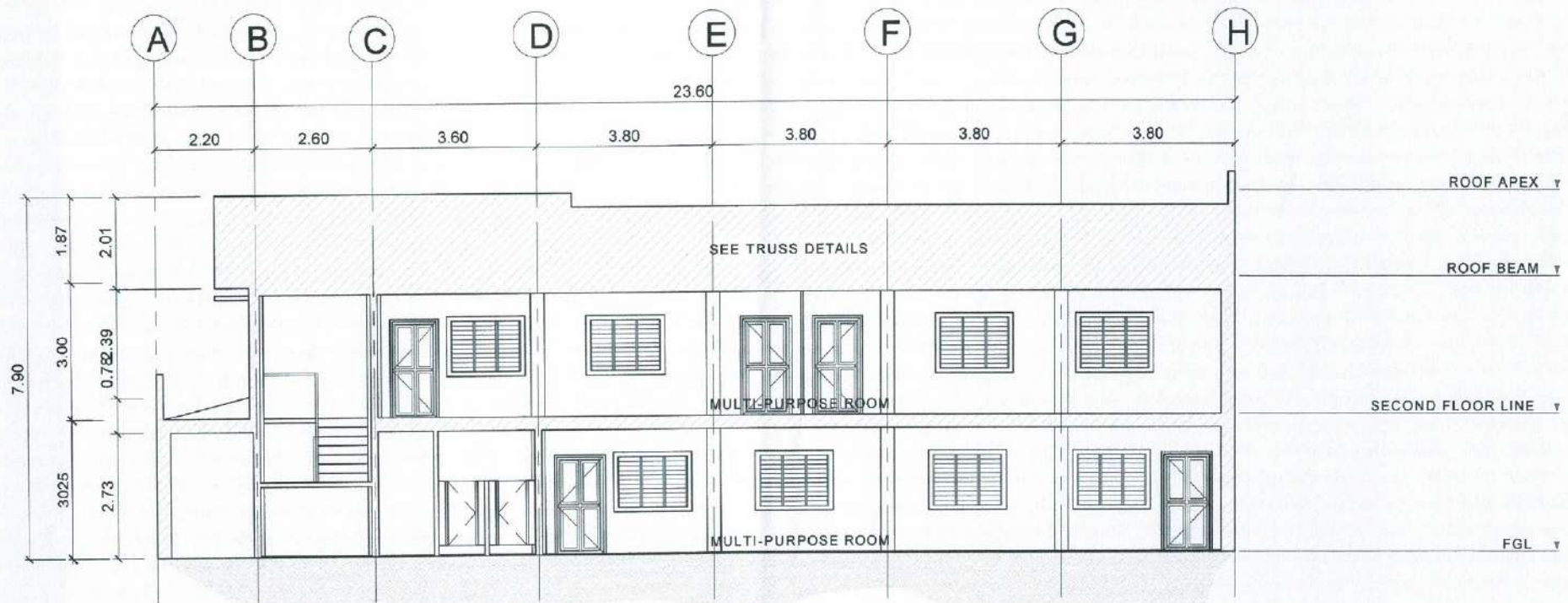


1 LEFT SIDE ELEVATION
A6 SCALE 1 : 100 MTS.



2 RIGHT SIDE ELEVATION
A6 SCALE 1 : 100 MTS.

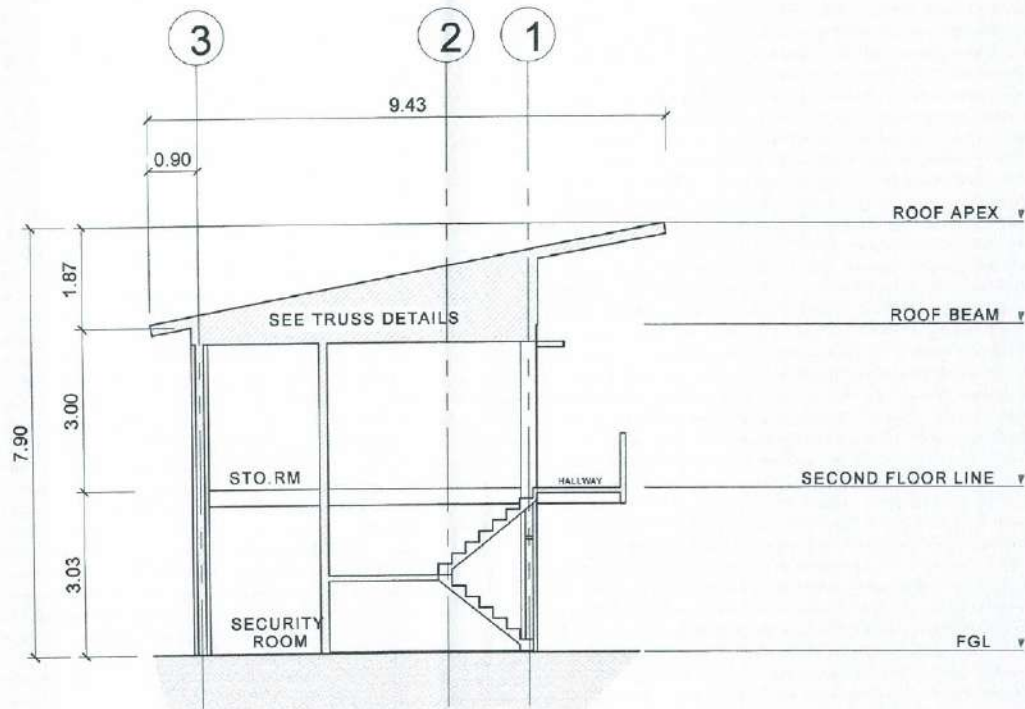
	PREPARED BY:	END USER:	REVIEWED BY:	ENDORSED BY:	REC. APPROVAL:	APPROVED BY:	PROJECT TITLE/ LOCATION:	IMPLEMENTING AGENCY:	SHT NO.:
	 M.N. GARDULA PPU VPPD	 T. C. LOPEZ DEAN TANZA CAMPUS	 E. N. RODEROS PPU VPPD	 O. B. DELOS REYES DIRECTOR PLANNING OFFICE	 M.J. TEPIORA CVSU VPASS	 H. D. ROBLES CVSU PRES	 H. D. ROBLES CVSU PRES	PROPOSED MULTI-PURPOSE BUILDING AT CVSU TANZA CAMPUS CAVITE STATE UNIVERSITY TANZA CAMPUS	CAVITE STATE UNIVERSITY




1
A/7

CROSS SECTION A-A
 SCALE 1 : 100 MTS.

	PREPARED BY: <i>M. N. Gaidula</i> M. N. GAIDULA PPU OVPPD	END USER: <i>T. C. Lopez</i> T. C. LOPEZ DEAN TANZA CAMPUS	REVIEWED BY: <i>E. N. Roderos</i> E. N. RODEROS PPU OVPPD	ENDORSED BY: <i>O. B. Delos Reyes</i> O. B. DELOS REYES DIRECTOR PLANNING OFFICE	REC. APPROVAL: <i>M. J. D. Tepora</i> M. J. D. TEPORA VPPD CVSU	APPROVED BY: <i>H. D. Robles</i> H. D. ROBLES PRES CVSU	PROJECT TITLE/ LOCATION: PROPOSED MULTI-PURPOSE BUILDING AT CVSU TANZA CAMPUS CAVITE STATE UNIVERSITY TANZA CAMPUS	IMPLEMENTING AGENCY: CAVITE STATE UNIVERSITY	SMT NO: A - 7
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1 CROSS SECTION B-B
 A8 SCALE 1 : 100 MTS.

	PREPARED BY:	END USER:	REVIEWED BY:	ENDORSED BY:	REC. APPROVAL:	APPROVED BY:	PROJECT TITLE/ LOCATION:	IMPLEMENTING AGENCY:	SHT NO.:
	<i>M. N. Gaidula</i> M. N. GAIDULA PPU OVPPD	<i>T. C. Lopez</i> T. C. LOPEZ DEAN TANZA CAMPUS	<i>E. N. Roderos</i> E. N. RODEROS PPU OVPPD	<i>O. B. Delos Reyes</i> O. B. DELOS REYES DIRECTOR PLANNING OFFICE	<i>M. J. D. Tepora</i> M. J. D. TEPORA VPPD CVSU	VPASS CVSU	<i>H. D. Robles</i> H. D. ROBLES PRES CVSU	PROPOSED MULTI-PURPOSE BUILDING AT CVSU TANZA CAMPUS CAVITE STATE UNIVERSITY TANZA CAMPUS	CAVITE STATE UNIVERSITY

D 1	D 2	D 3	D 4
SPECIFICATION: FLUSH DOOR	SPECIFICATION: PVC DOOR WITH LOUVER	SPECIFICATION: FLUSH DOOR	SPECIFICATION: FLUSH DOOR
QUANTITY: 6 SETS	QUANTITY: 2 SETS	QUANTITY: 3 SETS	QUANTITY: 2 SETS
LOCATION: MULTI-PURPOSE HALL	LOCATION: CR (M & F)	LOCATION: CR (M & F)	LOCATION: STORAGE ROOM
W 1	W 2	W 3	
SPECIFICATION: JALOUSIE WINDOW	SPECIFICATION: FIXED CLERESTORY WINDOW	SPECIFICATION: FIXED CLERESTORY WINDOW	
QUANTITY: 8 SETS	QUANTITY: 9 SETS	QUANTITY: 1 SET	
LOCATION: MULTI-PURPOSE RM.	LOCATION: MULTI-PURPOSE RM.	LOCATION: SECURITY AREA	

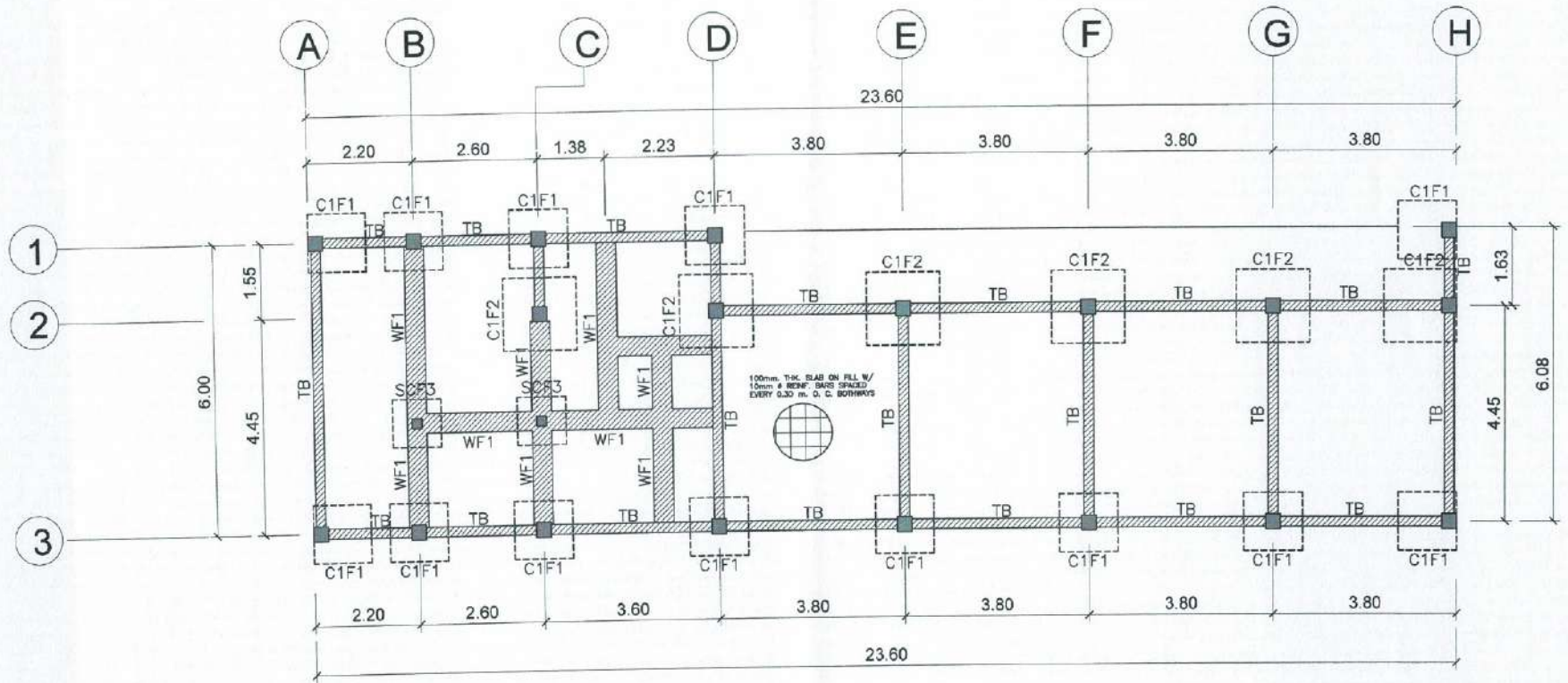
1
A/9

SCHEDULE OF DOORS AND WINDOWS

SCALE

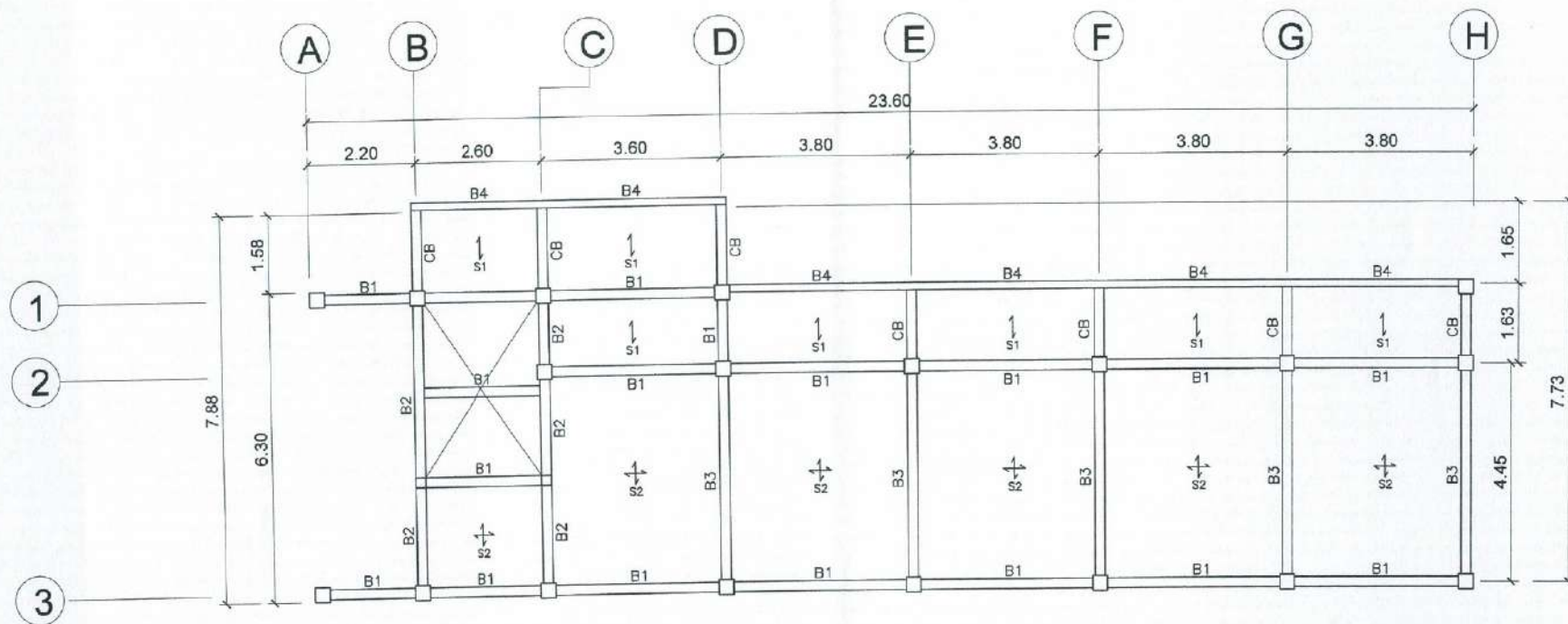
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	PREPARED BY:	END USER:	REVIEWED BY:	ENDORSED BY:	REC. APPROVAL:	APPROVED BY:	PROJECT TITLE/ LOCATION:	IMPLEMENTING AGENCY:	SHT NO.:
	M. N. GABDULA PPU	T. C. LOPEZ DEAN TANZA CAMPUS	E. N. RODRIGOS OVPPD DIRECTOR	O. B. DELOS REYES PLANNING OFFICE	M. J. D. TEPORA CVSU	VPASS CVSU	H. D. ROBLES PRES CVSU	PROPOSED MULTI-PURPOSE BUILDING AT CVSU TANZA CAMPUS CAVITE STATE UNIVERSITY TANZA CAMPUS	CAVITE STATE UNIVERSITY



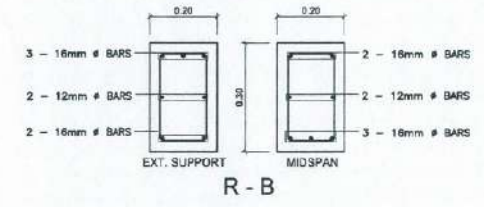
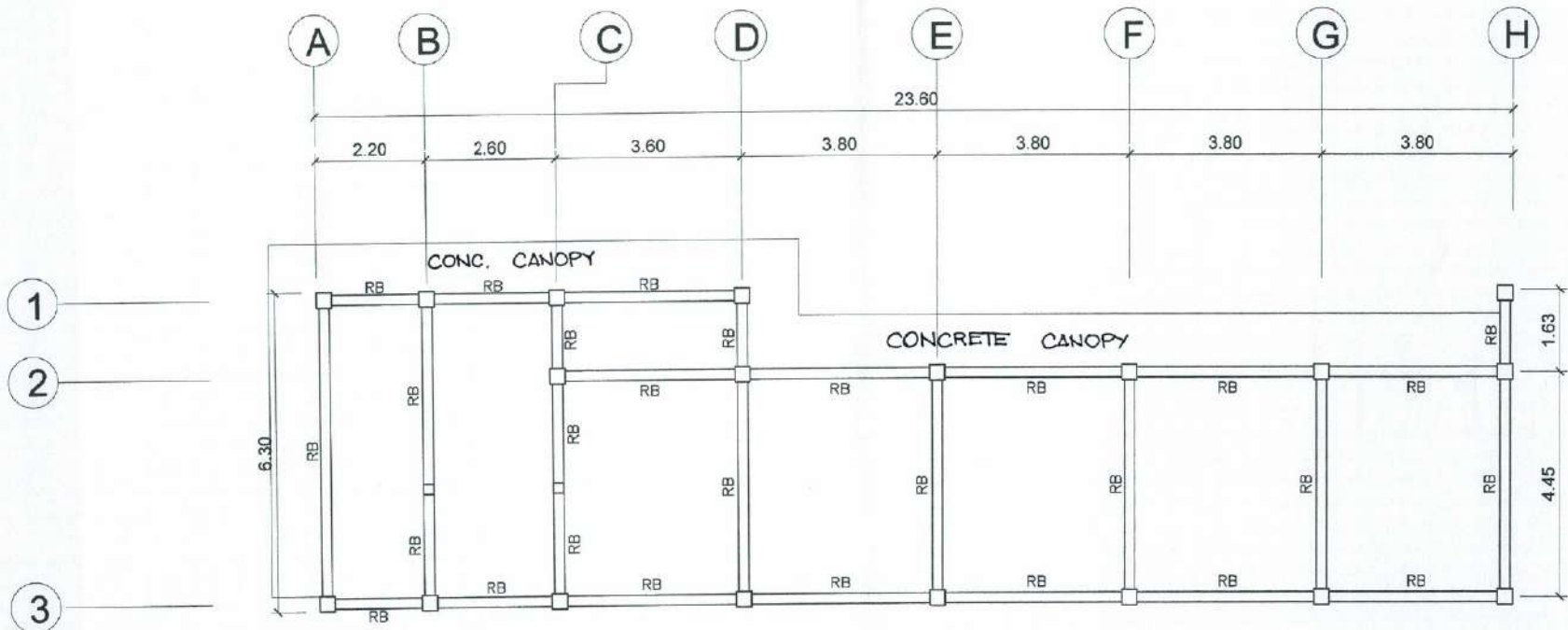
1 FOUNDATION PLAN
S2 SCALE 1 : 100 MTS.

PREPARED BY:	END USER:	CIVIL ENGR:	REVIEWED BY:	ENDORSED BY:	REC. APPROVAL:	APPROVED BY:	PROJECT TITLE/ LOCATION:	IMPLEMENTING AGENCY:	SHT NO.:
J. D. ESCANO PPU	T. C. LOPEZ DEAN TANZA CAMPUS	L. E. ROGELA PPU	O. B. DELOS REYES DIRECTOR PLANNING OFFICE	M. J. TEJERA VPPD CVSU	VPASS CVSU	H. O. ROBLES PRES CVSU	PROPOSED MULTI-PURPOSE BUILDING AT CVSU TANZA CAMPUS CAVITE STATE UNIVERSITY TANZA CAMPUS	CAVITE STATE UNIVERSITY	S - 2



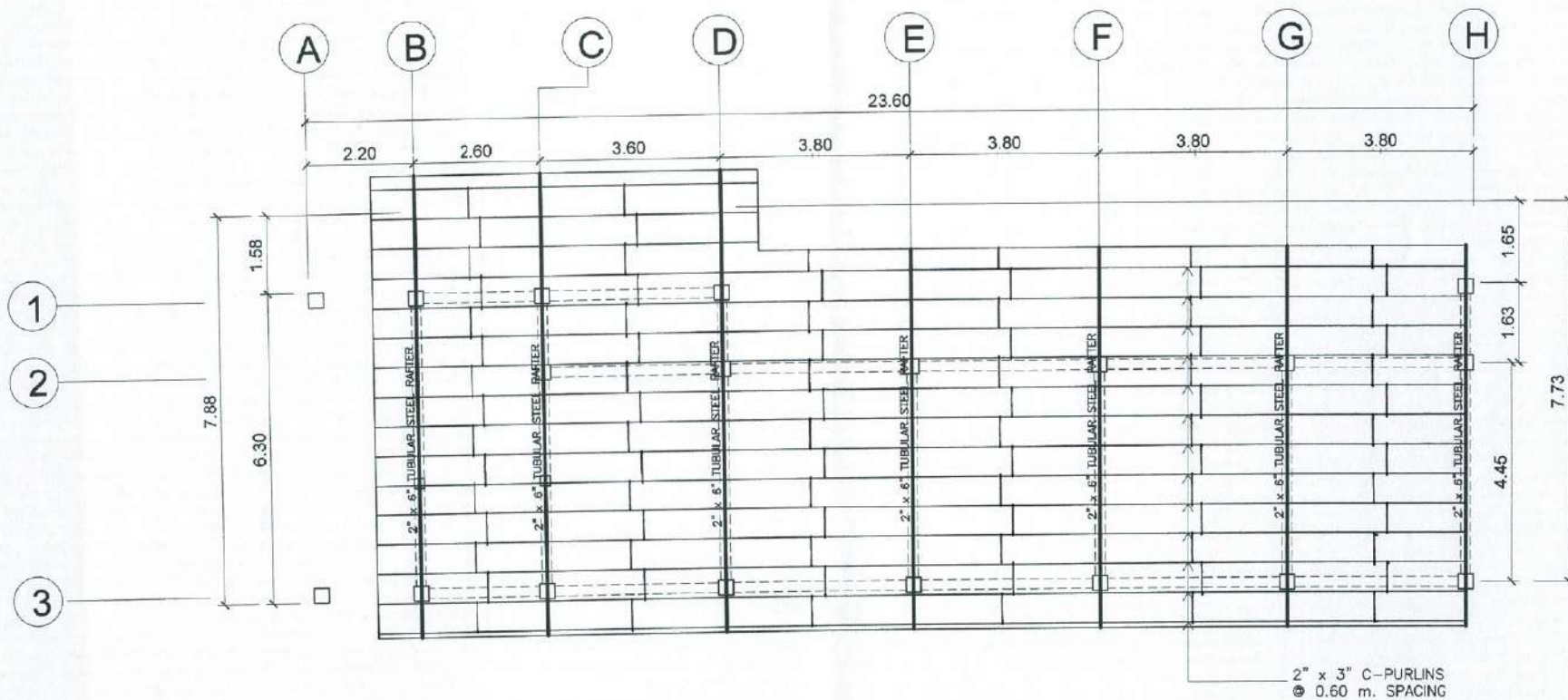
1
S3
SECOND FLOOR BEAM FRAMING PLAN
 SCALE 1 : 100 MTS.

	PREPARED BY: J. D. ESCAÑO PPU	END USER: T. C. LOPEZ DEAN TANZA CAMPUS	CIVIL ENGR: L. E. ROCELA PPU	REVIEWED BY: O. B. DELOS REYES DIRECTOR PLANNING OFFICE	ENDORSED BY: M. J. D. TEPORA VPPD	REC. APPROVAL: VPASS	APPROVED BY: H. V. ROBLES PRES	PROJECT TITLE/ LOCATION: PROPOSED MULTI-PURPOSE BUILDING AT CVSU TANZA CAMPUS CAVITE STATE UNIVERSITY TANZA CAMPUS	IMPLEMENTING AGENCY: CAVITE STATE UNIVERSITY	SHT NO: S - 3
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1
S4 SCALE 1 : 100 MTS.

PREPARED BY:	END USER:	CIVIL ENGR.:	REVIEWED BY:	ENDORSED BY:	REC. APPROVAL:	APPROVED BY:	PROJECT TITLE/ LOCATION:	IMPLEMENTING AGENCY:	SHT NO.:
J. D. ESCANO PPU	T. C. LOPEZ DEAN TANZA CAMPUS	L. E. ROCELA PPU	O. B. DELOS REYES DIRECTOR PLANNING OFFICE	M. J. L. TEPORA VPPD CVSU	VPASS CVSU	H. O. ROBLES PRES CVSU	PROPOSED MULTI-PURPOSE BUILDING AT CVSU TANZA CAMPUS CAVITE STATE UNIVERSITY TANZA CAMPUS	CAVITE STATE UNIVERSITY	S - 4



1
S5

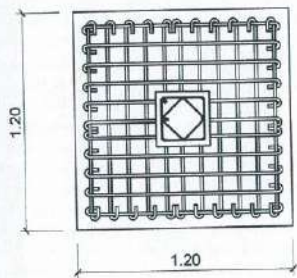
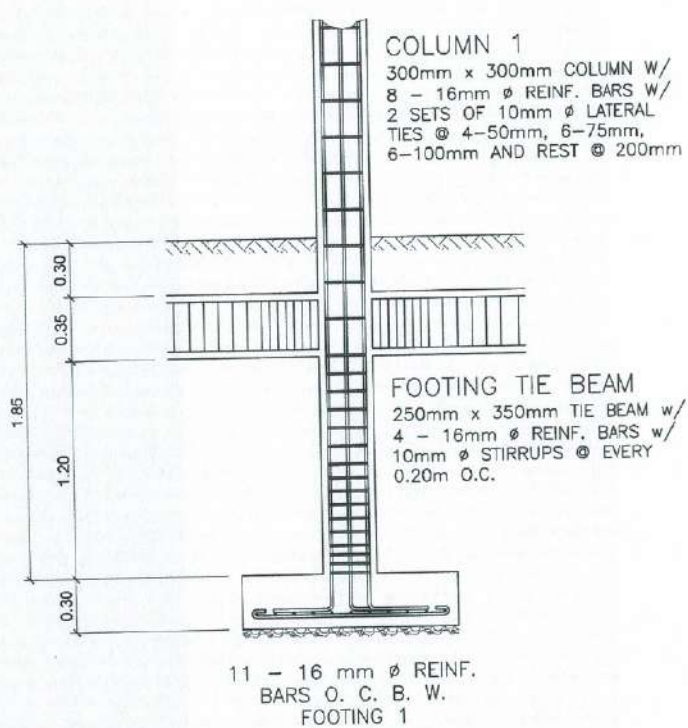
ROOF BEAM FRAMING PLAN

SCALE

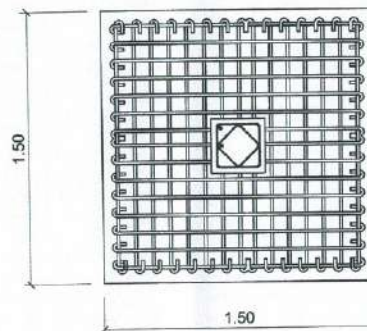
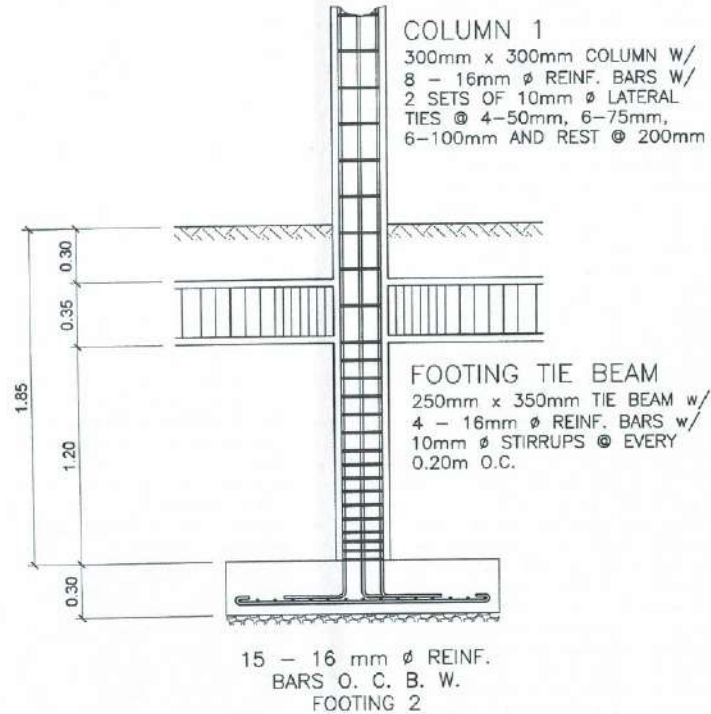
1 : 100 MTS.

PREPARED BY:	END USER:	CIVIL ENGR.:	REVIEWED BY:	ENDORSED BY:	REC. APPROVAL:	APPROVED BY:	PROJECT TITLE/ LOCATION:	IMPLEMENTING AGENCY:	SHT NO.:
J. D. ESCANO PPU	T. C. LOPEZ DEAN TANZA CAMPUS	L. E. ROGELA PPU	O. B. DELOS REYES DIRECTOR PLANNING OFFICE	M.J. D. TEPORA VPPD	VPASS CVSU	H. J. ROBLES PRES CVSU	PROPOSED MULTI-PURPOSE BUILDING AT CVSU TANZA CAMPUS CAVITE STATE UNIVERSITY TANZA CAMPUS	CAVITE STATE UNIVERSITY	S - 5

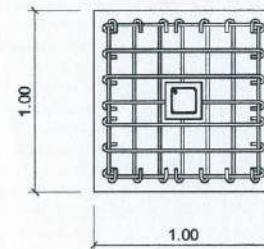
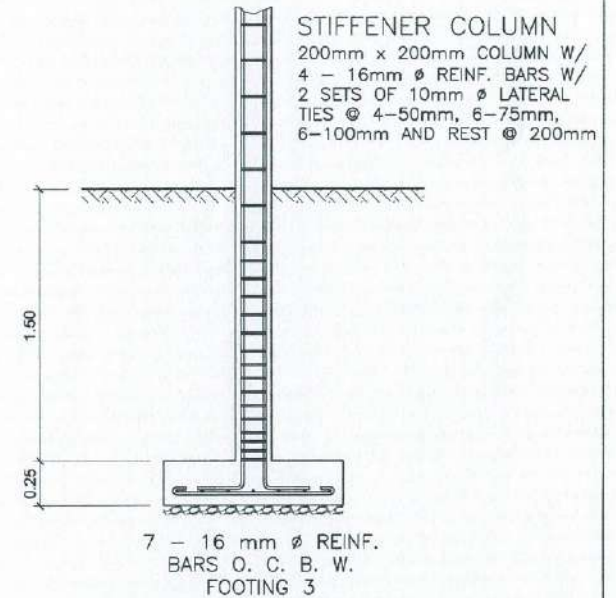
NOTE:
PROVIDE 50mm GRAVEL BEDDING



FOOTING 1



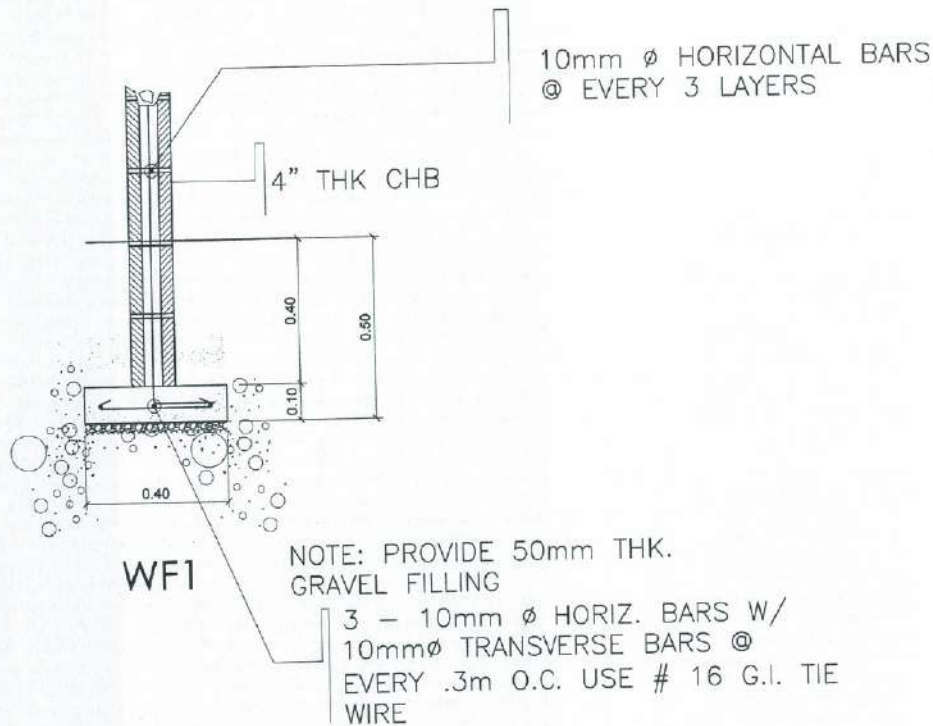
FOOTING 2



FOOTING 3

1
S/6 DETAILS OF COLUMN AND COLUMN FOOTING
SCALE 1 : 30 MTS.

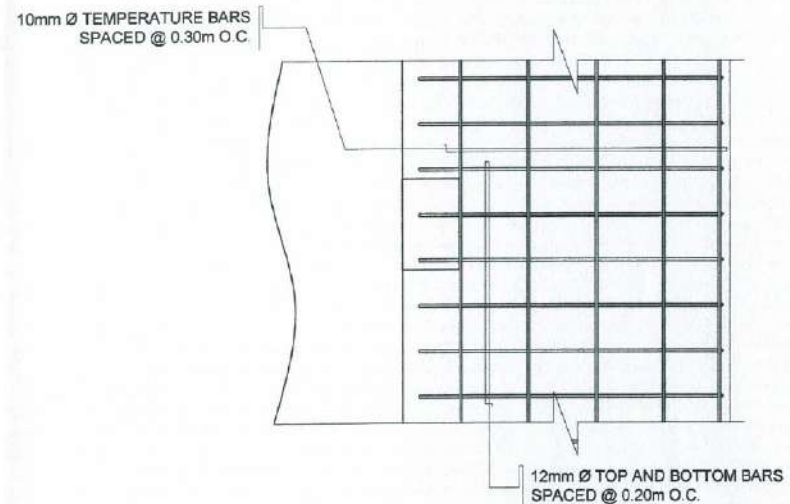
PREPARED BY:	END USER:	CIVIL ENGR.:	REVIEWED BY:	ENDORSED BY:	REC. APPROVAL:	APPROVED BY:	PROJECT TITLE/ LOCATION:	IMPLEMENTING AGENCY:	SHT NO.:
J. D. ESCANO PPU	T. C. LOPEZ DEAN TANZA CAMPUS	L. E. ROCELA PPU	O. B. DELLOS REYES DIRECTOR PLANNING OFFICE	M. J. TEPORA VPPD	VPASS	H. D. ROBLES PRES	PROPOSED MULTI-PURPOSE BUILDING AT CVSU TANZA CAMPUS CAVITE STATE UNIVERSITY TANZA CAMPUS	CAVITE STATE UNIVERSITY	S - 6



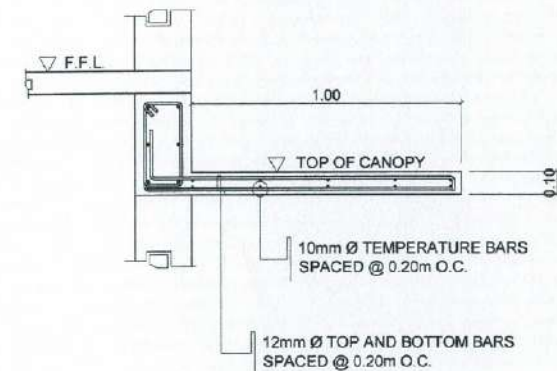
1
S7

DETAILS OF WALL FOOTING

SCALE 1 : 15 MTS.



PLAN



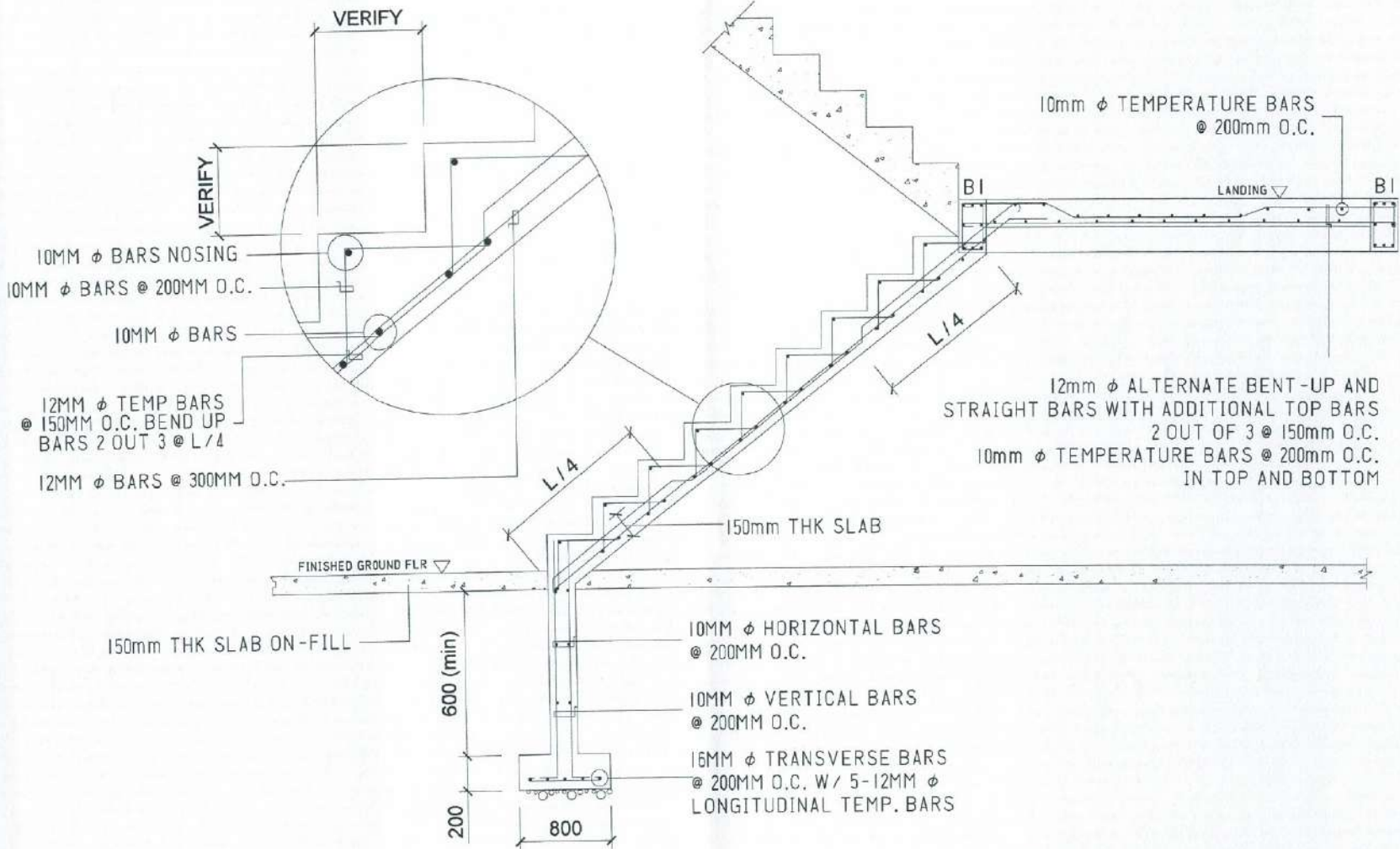
SECTION

2
S7

STRUC. DETAILS OF CANOPY

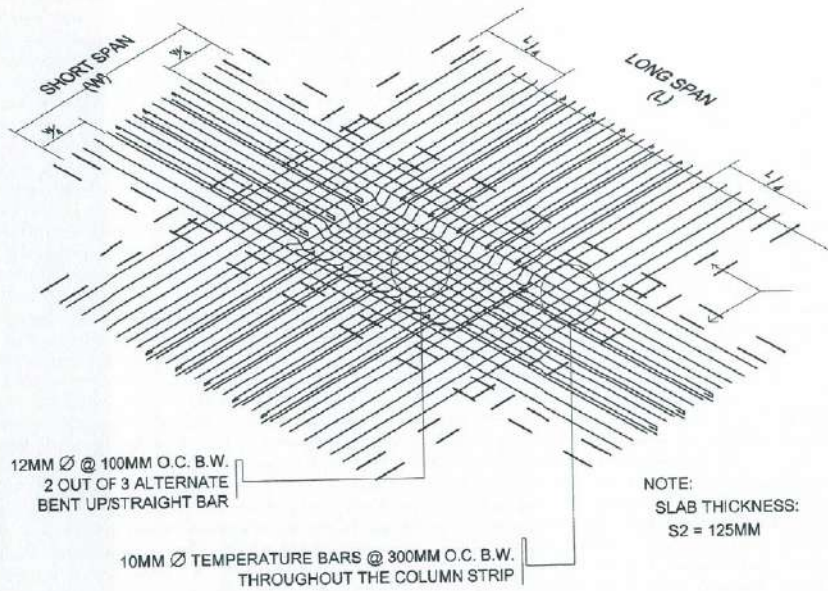
SCALE 1 : 20 MTS.

PREPARED BY:	END USER:	CIVIL ENGR:	REVIEWED BY:	ENDORSED BY:	REC. APPROVAL:	APPROVED BY:	PROJECT TITLE/ LOCATION:	IMPLEMENTING AGENCY:	SHT NO.:
J. D. ESCANO PPU	T. C. LOPEZ DEAN TANZA CAMPUS	L. E. ROGELA PPU	O. B. DELOS REYES DIRECTOR PLANNING OFFICE	M. J. D. TEPORA VPPD CVSU	VPASS CVSU	H. D. ROBLES PRES CVSU	PROPOSED MULTI-PURPOSE BUILDING AT CVSU TANZA CAMPUS CAVITE STATE UNIVERSITY TANZA CAMPUS	CAVITE STATE UNIVERSITY	S - 7

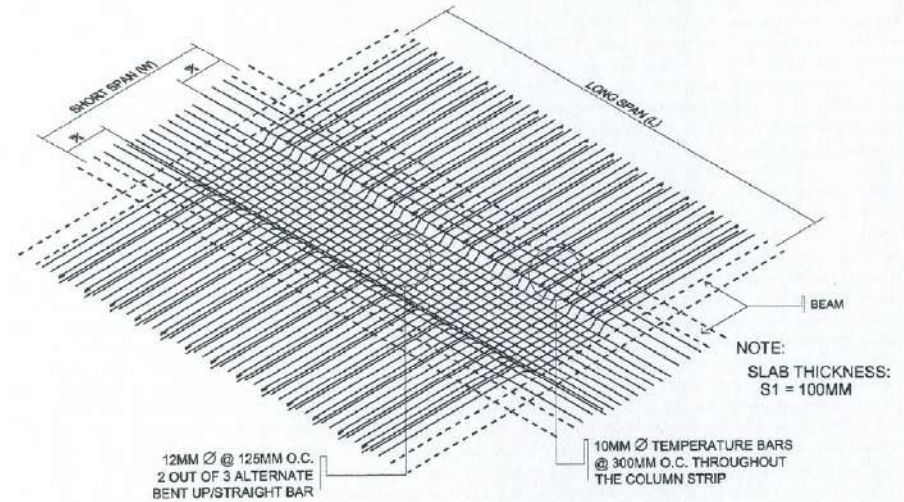


1
S8
 DETAILS OF STAIRCASE
 SCALE N.T.S.

PREPARED BY:	END USER:	CIVIL ENGR:	REVIEWED BY:	ENDORSED BY:	REC. APPROVAL:	APPROVED BY:	PROJECT TITLE/ LOCATION:	IMPLEMENTING AGENCY:	SHT NO.:
 J. D. ESCANO PPU	T. C. LOPEZ DEAN TANZA CAMPUS	L. E. ROGELA PPU	O. B. DELOS REYES DIRECTOR PLANNING OFFICE	M. J. D. TEPORA VPPD CVSU	VPASS CVSU	H. D. ROBLES PRES CVSU	PROPOSED MULTI-PURPOSE BUILDING AT CVSU TANZA CAMPUS CAVITE STATE UNIVERSITY TANZA CAMPUS	CAVITE STATE UNIVERSITY	S - 8



TWO - WAY SLAB




ONE - WAY SLAB

1
S9

DETAILS OF SLAB REINFORCEMENT

SCALE

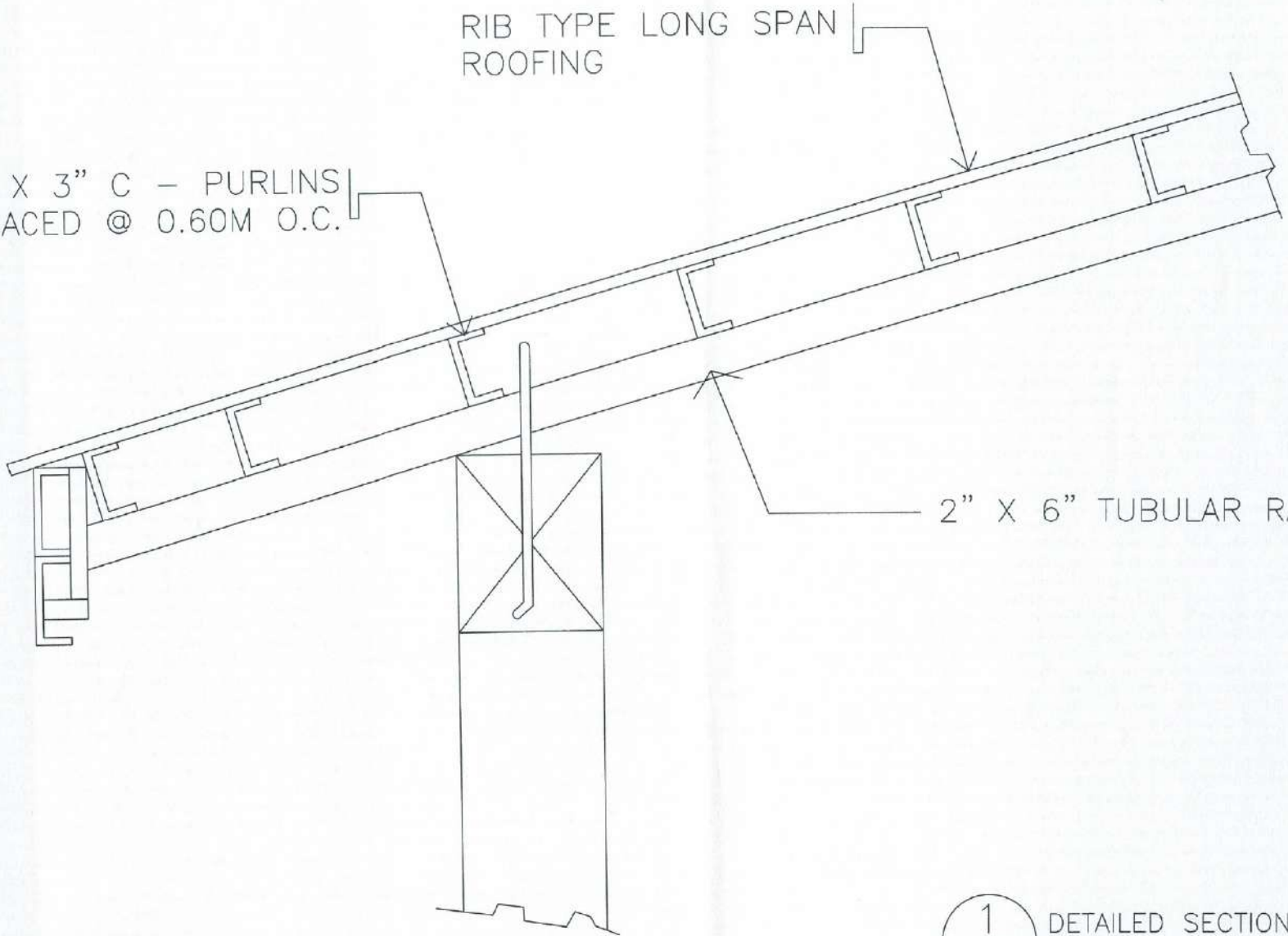
N.T.S.

PPU	PREPARED BY:	END USER:	CIVIL ENGR.	REVIEWED BY:	ENDORSED BY:	REC. APPROVAL:	APPROVED BY:	PROJECT TITLE/ LOCATION:	IMPLEMENTING AGENCY:	SHT NO:
	J. D. ESCAÑO PPU	T. C. LOPEZ DEAN TANZA CAMPUS	L. E. ROCELA PPU	O. B. DELOS REYES DIRECTOR PLANNING OFFICE	M. J. D. TEPORA VPPD CVSU	VPASS CVSU	H. J. ROBLES PRES CVSU	PROPOSED MULTI-PURPOSE BUILDING AT CVSU TANZA CAMPUS CAVITE STATE UNIVERSITY TANZA CAMPUS	CAVITE STATE UNIVERSITY	S - 9


RIB TYPE LONG SPAN ROOFING

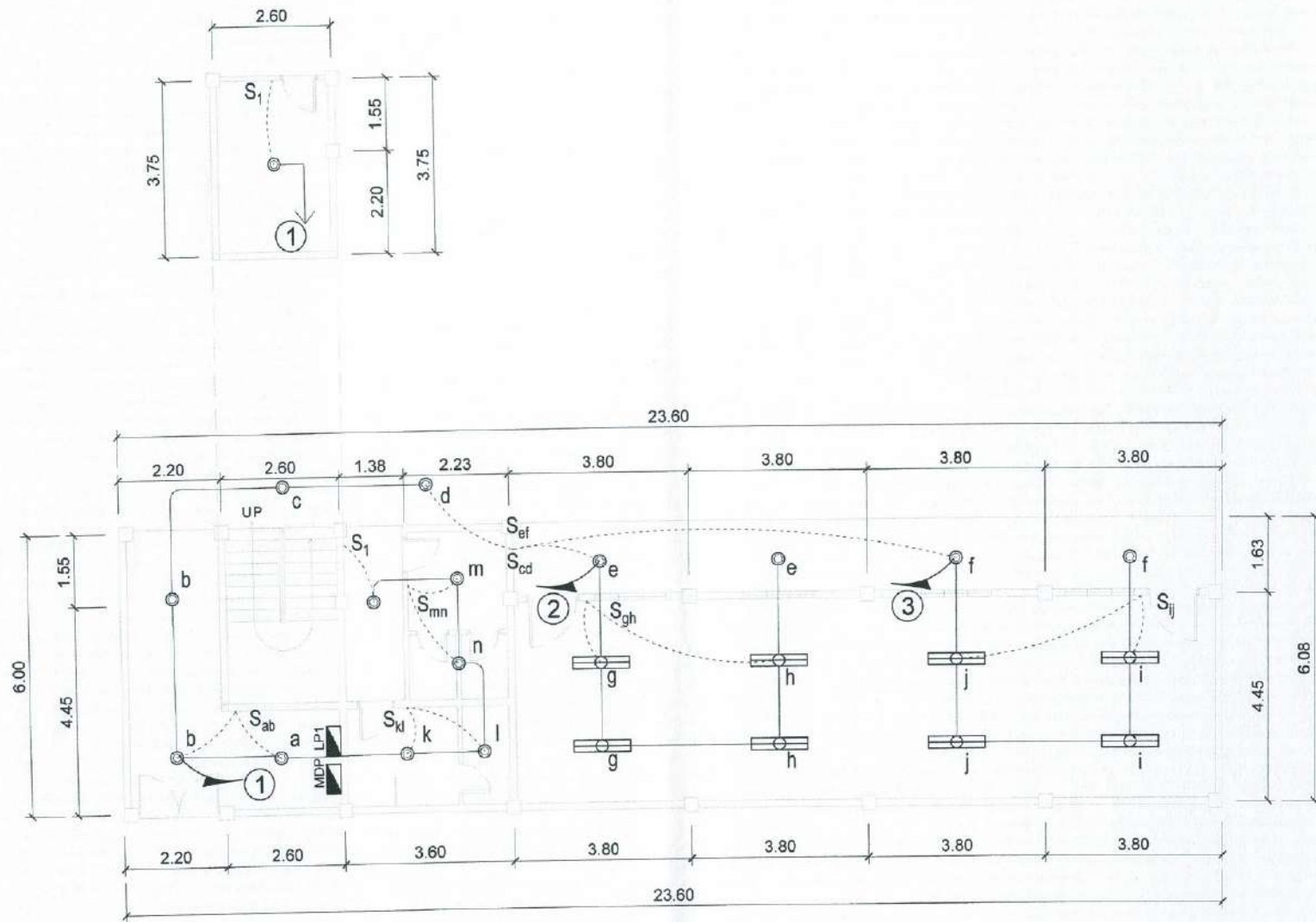
2" X 3" C - PURLINS
SPACED @ 0.60M O.C.

2" X 6" TUBULAR RAFTERS



1 DETAILED SECTION OF RAFTERS
S10 SCALE N.T.S.

	PREPARED BY:	END USER:	CIVIL ENGR:	REVIEWED BY:	ENDORSED BY:	REC. APPROVAL:	APPROVED BY:	PROJECT TITLE/ LOCATION:	IMPLEMENTING AGENCY:	SHT NO.:
	J. D. ESCAÑO PPU OVPPD	T. C. LOPEZ DEAN TANZA CAMPUS	L. E. ROCELA PPU OVPPD	O. B. DELOS REYES DIRECTOR PLANNING OFFICE	M. J. D. TEPORA VPPD CVSU	VPASS CVSU	H. P. ROBLES PRES CVSU	PROPOSED MULTI-PURPOSE BUILDING AT CVSU TANZA CAMPUS CAVITE STATE UNIVERSITY TANZA CAMPUS	CAVITE STATE UNIVERSITY	S - 10



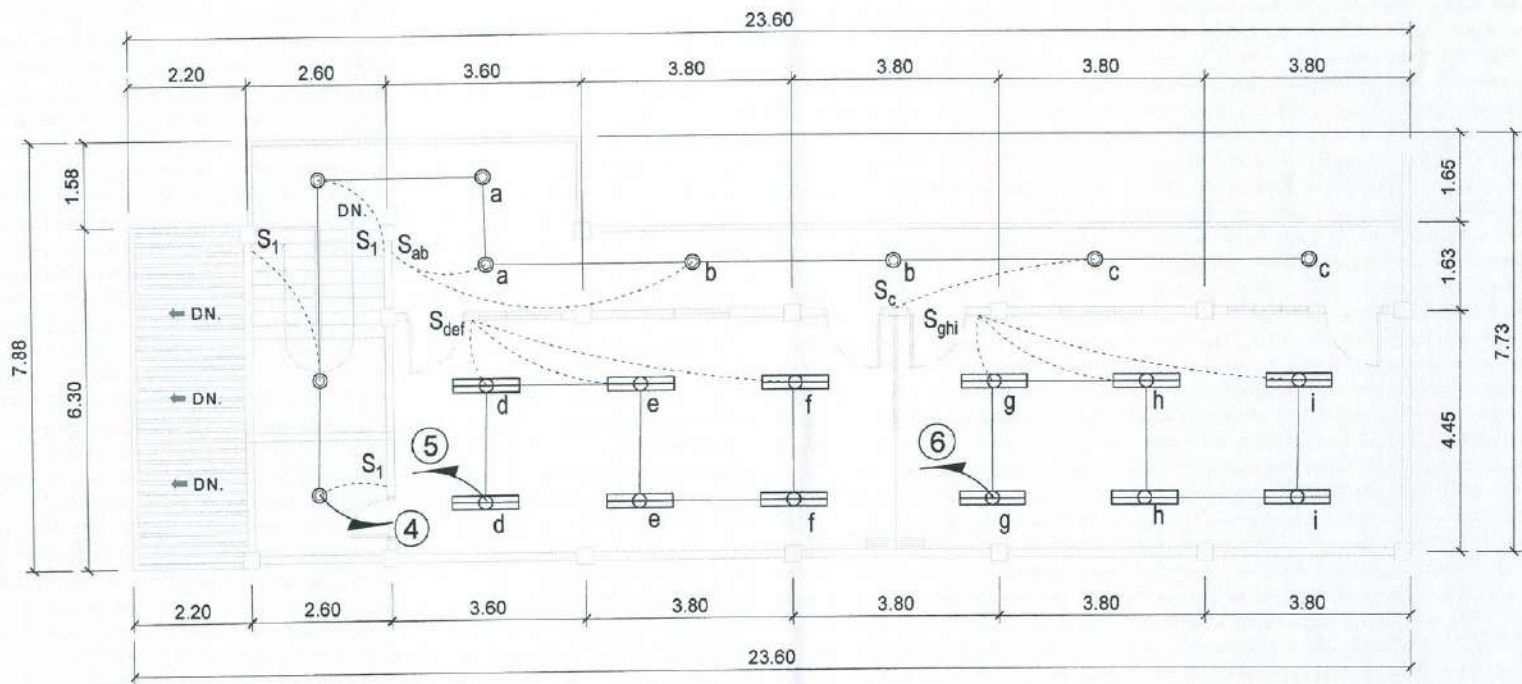
**GROUND FLOOR
LIGHTING LAYOUT**



SCALE:

1:100 MTS

PREPARED BY:	PROF. ELECTRICAL ENGR.	END USER:	REVIEWED BY:	ENDORSED BY:	REC. APPROVAL:	APPROVED BY:	PROJECT TITLE/ LOCATION:	IMPLEMENTING AGENCY:	SHT NO.:
R.J. R. SANCHEZ PPU	R. P. PEÑA OVPPD	T. C. LOPEZ CAMPUS ADMINISTRATOR TANZA CAMPUS	E. N. RODRIGOS PPU	O. B. DELOS REYES DIRECTOR PLANNING OFFICE	M.J. D. TEPORA OIC OVPPD	H. V. D. ROBLES PRES CVSU	PROPOSED MULTI-PURPOSE BUILDING - TANZA CAMPUS CAVITE STATE UNIVERSITY TANZA CAMPUS	CAVITE STATE UNIVERSITY	E - 1



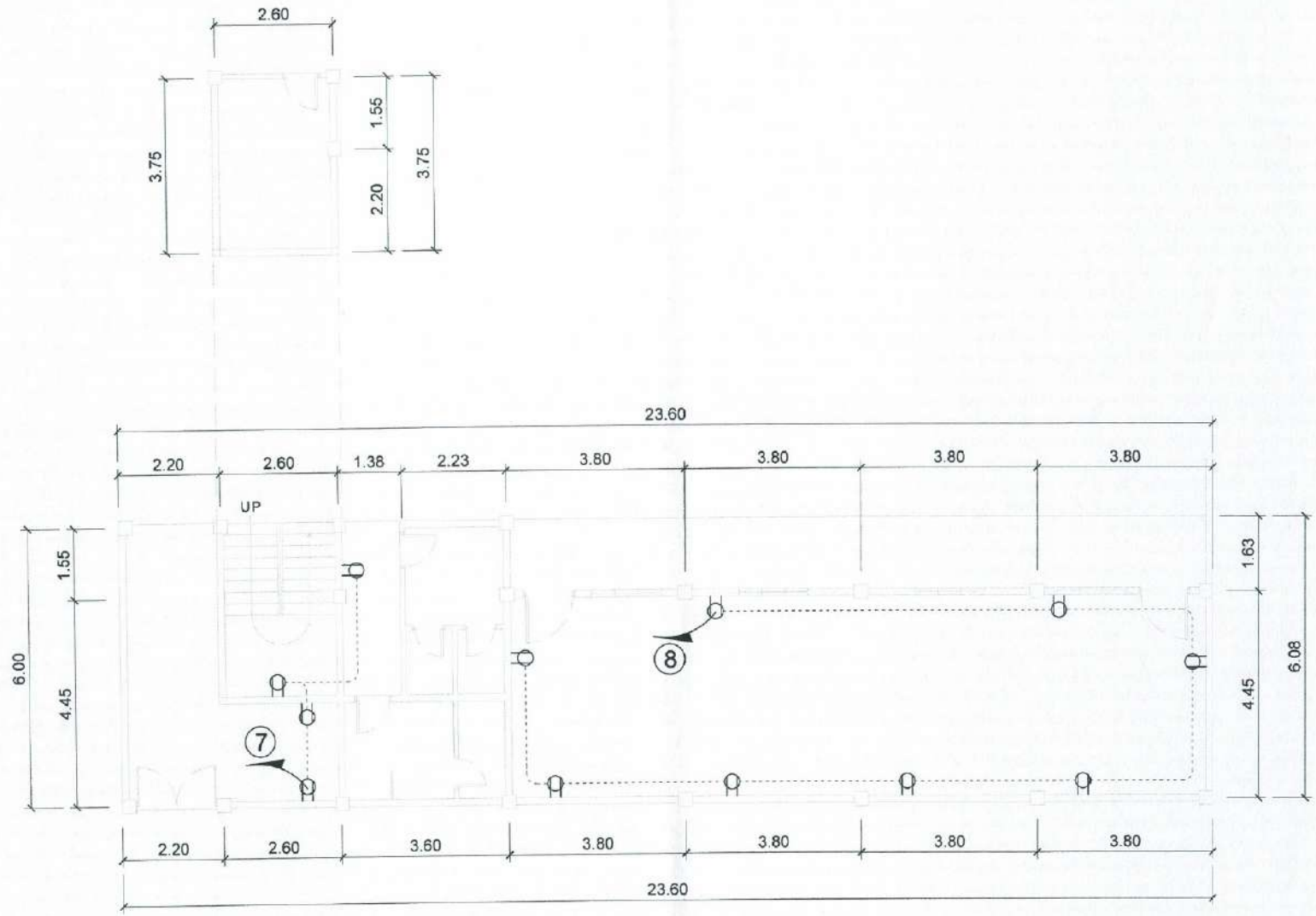
**SECOND FLOOR
LIGHTING LAYOUT**



SCALE:

1:100 MTS

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R.J. R. SANCHEZ PPU	R. P. AYNA OVPPD	T. E. LOPEZ CAMPUS ADMINISTRATOR TANZA CAMPUS	E. N. RODEROS PPU	O. B. DELOS REYES DIRECTOR PLANNING OFFICE	M.J. D. ITEPORA OIC OVPPD	VPASS CVSU	H. D. ROBLES PRES CVSU	PROPOSED MULTI-PURPOSE BUILDING - TANZA CAMPUS CAVITE STATE UNIVERSITY TANZA CAMPUS	CAVITE STATE UNIVERSITY	E - 2



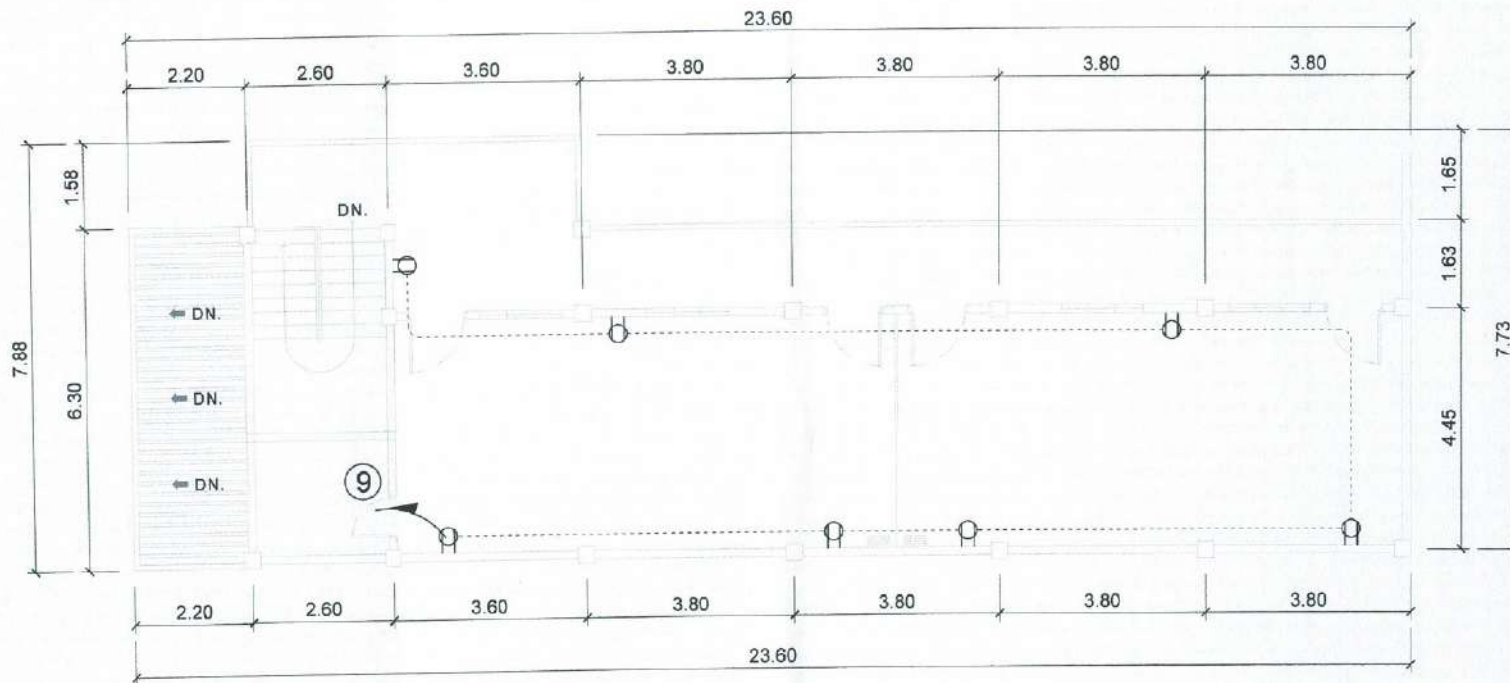
**GROUND FLOOR
POWER LAYOUT**

1
E 3

SCALE:

1:100 MTS

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R.J. R. SANCHEZ PPU	R. P. ARENA OVPPD	T. C. LOPEZ CAMPUS ADMINISTRATOR TANZA CAMPUS	E. N. RODRIGOS PPU	O. B. DELOS REYES DIRECTOR PLANNING OFFICE	M.J. D. NEPORA OIC OVPPD	H. D. ROBLES PRES CVSU	PROPOSED MULTI-PURPOSE BUILDING - TANZA CAMPUS CAVITE STATE UNIVERSITY TANZA CAMPUS	CAVITE STATE UNIVERSITY	E - 3



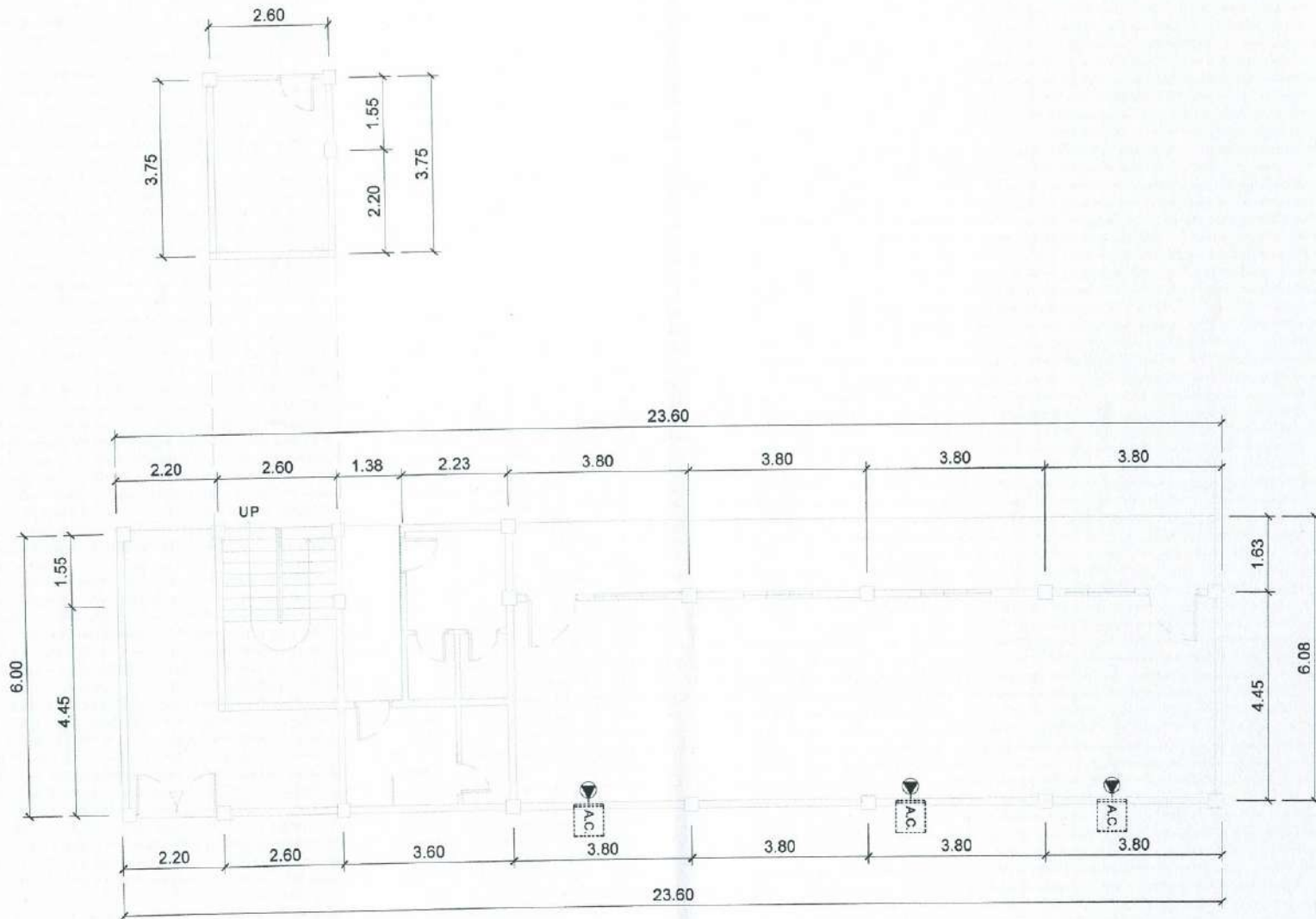
**SECOND FLOOR
POWER LAYOUT**



SCALE:

1:100 MTS

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R.J. R. SANCHEZ PPU	R. P. MENA OVPPD	T. C. LOPEZ CAMPUS ADMINISTRATOR TANZA CAMPUS	E. N. RODEROS OVPPD	O. B. DELOS REYES DIRECTOR PLANNING OFFICE	M.J. D. WEPORA OIC OVPPD	VPASS CVSU PRES	H.V.D. ROBLES CVSU	PROPOSED MULTI-PURPOSE BUILDING - TANZA CAMPUS CAVITE STATE UNIVERSITY TANZA CAMPUS	CAVITE STATE UNIVERSITY	E - 4




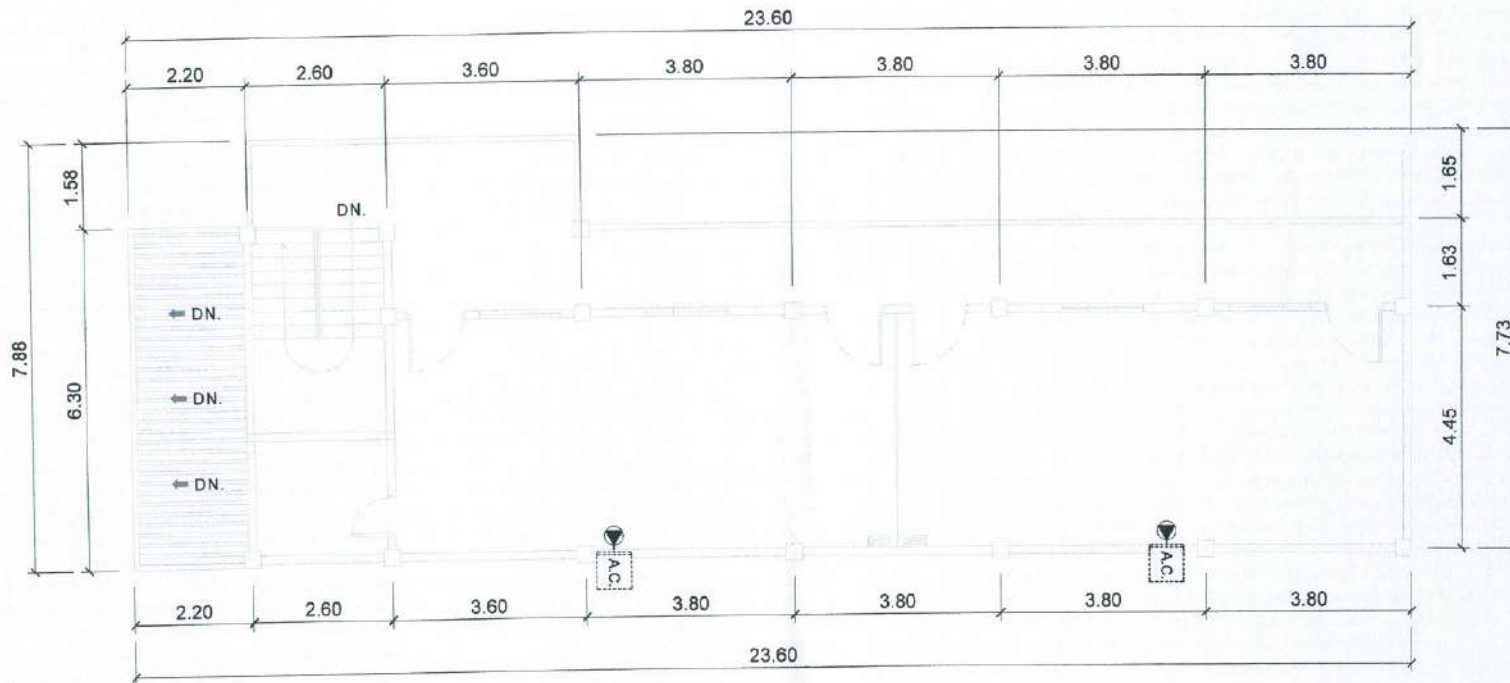
**GROUND FLOOR
ACU LAYOUT**



SCALE:

1:100 MTS

	PREPARED BY:	PROF. ELECTRICAL ENGR.	END USER:	REVIEWED BY:	ENDORSED BY:	REC. APPROVAL:	APPROVED BY:	PROJECT TITLE/ LOCATION:	IMPLEMENTING AGENCY:	SHT NO.:
	R.J. R. SANCHEZ PPU OVPDP	<i>[Signature]</i> P. PEÑA OVPPD	T. C. LOPEZ CAMPUS ADMINISTRATOR TANZA CAMPUS	<i>[Signature]</i> E. N. RODEROS PPU	<i>[Signature]</i> O. B. DELOS REYES DIRECTOR PLANNING OFFICE	M.J. D. TEPORA OIC OVPPD	VPASS CVSU	<i>[Signature]</i> H. D. ROBLES PRES CVSU	PROPOSED MULTI-PURPOSE BUILDING - TANZA CAMPUS CAVITE STATE UNIVERSITY TANZA CAMPUS	CAVITE STATE UNIVERSITY



**SECOND FLOOR
ACU LAYOUT**



SCALE:

1:100 MTS

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SCHEDULE OF LOADS & COMPUTATIONS									
NAME OF PANEL BOARD :		LIGHTING AND POWER PANEL 1 (LP1)				PHASE: SINGLE PHASE			
LOCATION :		GROUND FLOOR, SECURITY AREA				VOLTAGE: 230V			
CIRCUIT NO.	DESCRIPTION	NO. OF OUTLET	VA RATING	V	AB AMPS	CB BOLT-ON	SIZE OF WIRE THHN-CU/ THW-CU (G)	SIZE OF CONDUIT	COLOR CODE
1	LIGHTING OUTLET	10	1000	230	4.35	15AT	2-2.0 mm ²	20 mm. Ø PVC	1R,1B
2	LIGHTING OUTLET	06	600	230	2.61	15AT	2-2.0 mm ²	20 mm. Ø PVC	1R,1B
3	LIGHTING OUTLET	06	600	230	2.61	15AT	2-2.0 mm ²	20 mm. Ø PVC	1R,1B
4	LIGHTING OUTLET	09	900	230	3.91	15AT	2-2.0 mm ²	20 mm. Ø PVC	1R,1B
5	LIGHTING OUTLET	06	600	230	2.61	15AT	2-2.0 mm ²	20 mm. Ø PVC	1R,1B
6	LIGHTING OUTLET	06	600	230	2.61	15AT	2-2.0 mm ²	20 mm. Ø PVC	1R,1B
7	CONVENIENCE OUTLET	04	720	230	3.13	20AT	2-3.5mm ² ,(1-2.0 mm ²) G	20 mm. Ø PVC	1R,1B,1G
8	CONVENIENCE OUTLET	07	1260	230	5.48	20AT	2-3.5mm ² ,(1-2.0 mm ²) G	20 mm. Ø PVC	1R,1B,1G
9	CONVENIENCE OUTLET	07	1260	230	5.48	20AT	2-3.5mm ² ,(1-2.0 mm ²) G	20 mm. Ø PVC	1R,1B,1G
10	ACU OUTLET	01	1492	230	12	30AT	2-5.5mm ² ,(1-2.0 mm ²) G	20 mm. Ø PVC	1R,1B,1G
11	ACU OUTLET	01	1492	230	12	30AT	2-5.5mm ² ,(1-2.0 mm ²) G	20 mm. Ø PVC	1R,1B,1G
12	ACU OUTLET	01	1492	230	12	30AT	2-5.5mm ² ,(1-2.0 mm ²) G	20 mm. Ø PVC	1R,1B,1G
13	ACU OUTLET	01	1492	230	12	30AT	2-5.5mm ² ,(1-2.0 mm ²) G	20 mm. Ø PVC	1R,1B,1G
14	ACU OUTLET	01	1492	230	12	30AT	2-5.5mm ² ,(1-2.0 mm ²) G	20 mm. Ø PVC	1R,1B,1G
TOTAL			15000	230	92.78	200AT	2-80.0mm ² ,(1-22.0 mm ²) G	40 mm. Ø PVC	1R,1B,1G

MAIN FEEDER AND CURRENT PROTECTION COMPUTATION:

80% DEMAND FACTOR
 $I_n = [82.79 + (25\% \times 1m)] DF = 76.63$ AMPERES

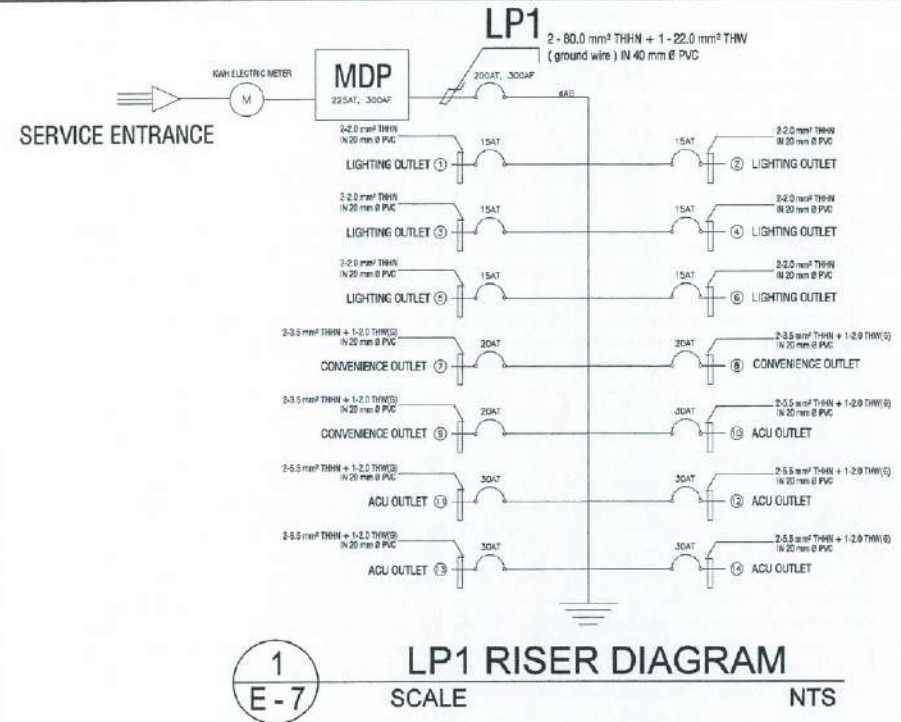
100% DEMAND FACTOR
 $I_m = [92.79 + (250\% \times 1m)] DF = 98.23$ AMPERES

NOTE: This Electrical Design is good only for the above connected loads. Any additional electrical load connection in the future is prohibited, except redesign of electrical load system will be done.

1G-GROUND
 1R-COLOR RED
 1B-COLOR BLACK

USE: 2-80.0mm² THHN WIRE + 1-22.0mm² THW WIRE (G)
 IN 40 mm. Ø PVC

MAIN: 200AT, 300AF, 2P, 230V, MCCB



SCHEDULE OF LOADS & COMPUTATIONS									
NAME OF PANEL BOARD :		MAIN DISTRIBUTION TRANSFORMER				PHASE: SINGLE PHASE			
LOCATION :		GROUND FLOOR				VOLTAGE: 230V			
CIRCUIT NO.	DESCRIPTION	PANEL CODE	VA RATING	V	AB AMPS	CB BOLT-ON	SIZE OF WIRE THHN-CU/ THW-CU (G)	SIZE OF CONDUIT	COLOR CODE
1	LIGHTING AND POWER PANEL 1	LP1	15000	230	92.79	200AT	2-80.0mm ² ,(1-22.0 mm ²) G	40 mm. Ø PVC	1R,1B,1G
2	FIRE ALARM SYSTEM PANEL	FACP	500	230	2.17	2.17	2-2.0 mm ²	20 mm. Ø PVC	1R,1B
TOTAL			15500	230	94.96	225AT	2-100.0mm ² ,(1-30.0 mm ²) G	40 mm. Ø RSC	1R,1B,1G

MAIN FEEDER AND CURRENT PROTECTION COMPUTATION:

80% DEMAND FACTOR
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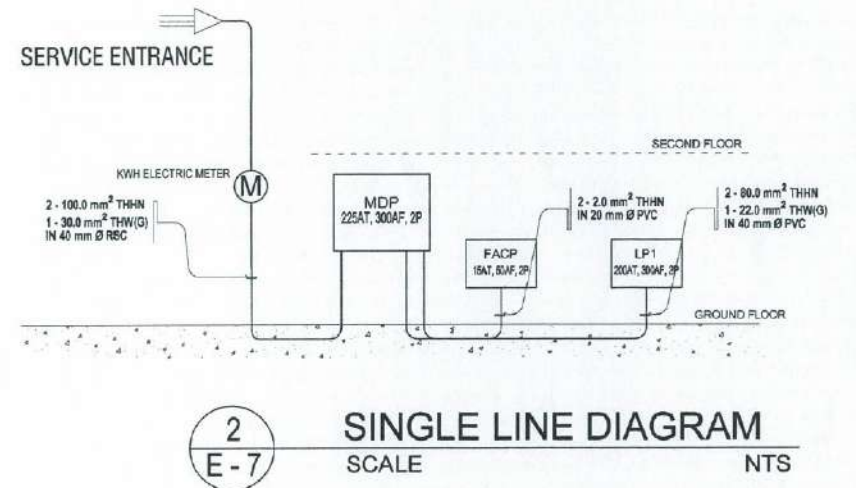
100% DEMAND FACTOR
 $I_m = [94.96 + (250\% \times 1m)] DF = 99.97$ AMPERES

NOTE: This Electrical Design is good only for the above connected loads. Any additional electrical load connection in the future is prohibited, except redesign of electrical load system will be done.

1G-GROUND
 1R-COLOR RED
 1B-COLOR BLACK

USE: 2-100.0mm² THHN WIRE + 1-30.0mm² THW WIRE (G)
 IN 40 mm. Ø RSC

MAIN: 225AT, 300AF, 2P, 230V, MCCB



VERIFY HEIGHTS

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




























GENERAL NOTES AND SPECIFICATIONS :

1. ALL WORK HEREIN SHALL BE DONE IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS.
2. ELECTRICAL WORKS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE, MUNICIPAL/CITY LAWS AND ORDINANCES AND THE REGULATIONS OF THE LOCAL POWER AND TELEPHONE COMPANY.
3. THE JOB SHALL BE EXECUTED IN THE MOST THOROUGH PROMPT AND WORKMANLIKE MANNER EMPLOYING STANDARD TOOLS, EQUIPMENT, METHODS AND GOOD ENGINEERING PRACTICE. THE JOB SHALL BE DONE IN ALL ASPECTS AS REQUIRED PER PLANS AND SPECIFICATIONS AND READY FOR OPERATION.
4. THERE SHALL BE ONLY ONE SERVICE DROP IN A BUILDING WITH 230 VOLTS, 2 WIRE (LINE) PLUS 1 WIRE (GROUND), SINGLE PHASE, 60 CYCLE.
5. THE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO PERSENT A GENERAL LAYOUT AND BROAD OUTLINE/DESCRIPTION OF THE PROJECT, BUT DO NOT NECESSARILY INDICATE OR DESCRIBE ACTUAL LOCATIONS, LEVELS AND DISTANCES OF THE EQUIPMENT. THE CONTRACTOR IS HEREBY REQUIRED TO MAKE SUCH ADJUSTMENTS AT THE JOBSITE THAT ARE GOVERNED BY ACTUAL FIELD CONDITION.
6. SERVICE VOLTAGE TO THE BUILDING FROM THE POWER SOURCE SHALL BE 230V.
7. SERVICE ENTRANCE WIRING SHALL BE RIGID STEEL CONDUIT (RSC).
8. FEEDER WIRING SHALL BE ELECTRICAL METALLIC TUBING (EMT).
9. BRANCH CIRCUIT WIRING ELECTRICAL METALLIC TUBING (EMT).
10. BRANCH CIRCUIT WIRING EMBEDDED IN CONCRETE SHALL BE IN PVC PIPE WITH ADEQUATE GROUND WIRE FOR EQUIPMENT GROUNDING.
11. LIGHT SWITCHES SHALL BE 15A, 230VAC.
12. ALL MATERIALS SHALL BE BRAND NEW AND OF APPROVED TYPE FOR LOCATION AND PURPOSE INTENDED.
13. DEVICES, FIXTURES LOCATED OUTDOOR SHALL BE WEATHERPROOF TYPE.
14. MOUNTING HEIGHTS ARE:

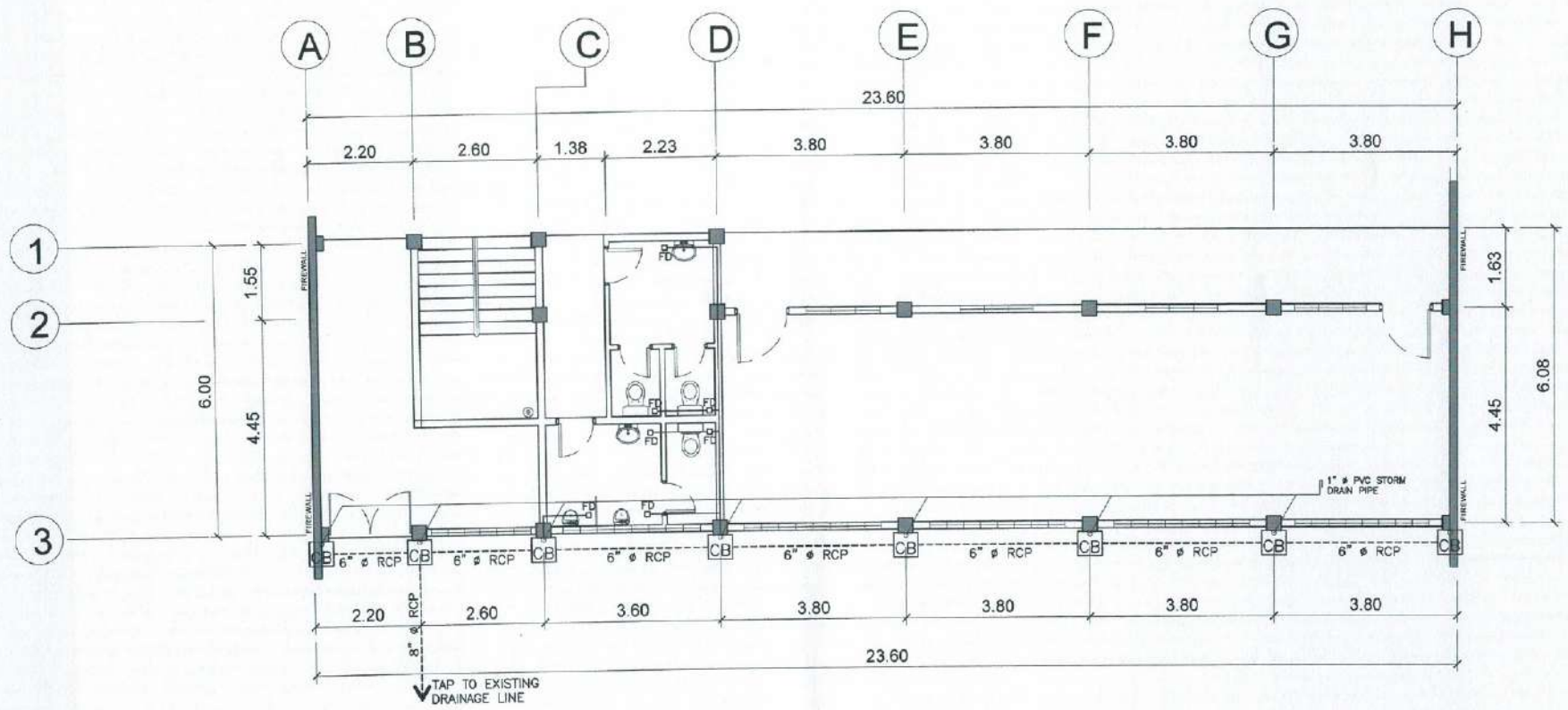
A. LIGHT SWITCHES	1.40M ABOVE FLOOR FINISH
B. CONVENIENCE OUTLETS	0.30M ABOVE FLOOR FINISH
C. C.O. COUNTER TOP	0.30M ABOVE THE COUNTER
D. TELEPHONE OUTLETS	0.30M ABOVE FLOOR FINISH
E. PANEL BOARD	1.50M ABOVE FLOOR FINISH
F. EMERGENCY LIGHT	0.30M BELOW CEILING LINE

15. ANY DESCRIPANCY BETWEEN THE PLANS AND SPAECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER FOR CLARIFICATION OR DECISION.
16. THE ENTIRE WORK SHALL BE DONE UNDER THE DIRECT SUPERVISION OF DULY REGISTERED ELECTRICAL ENGINEER.
17. REFER TO SHEETS E-1 TO E-6 FOR EXACT NUMBER AND LOCATION OF DEVICES/EQUIPMENT FOR ELECTRICAL SYSTEM. ANY CONFLICT ON QUANTITY AND/OR LAYOUT MUST BE VERIFIED AND CONFIRMED TO DESIGNER/CONSULTANT.
18. REFER TO LOAD SCHEDULE FOR THE RATING OF INDIVIDUAL ENCL, ACB'S IN NEMA-3R.
19. ALL ELECTRICAL CONDUITS AND TELEPHONE SERVICE ENTRANCE THAT INSTALLED BELOW THE GROUND SHALL BE IN CONCRETE ENCASEMENT.
20. ANY DEVICES OR EQUIPMENT NOT REFLECTED OR SHOWN ON PLANS BUT REQUIRED TO COMPLETE THE SYSTEM MUST BE INCLUDED ON SCOPE OF WORK.
21. REQUEST FOR TEMPORARY POWER INTERRUPTION SHOULD BE COORDINATED TO OWNER'S REPRESENTATIVE OR DESIGNER.

LEGEND AND SYMBOLS :

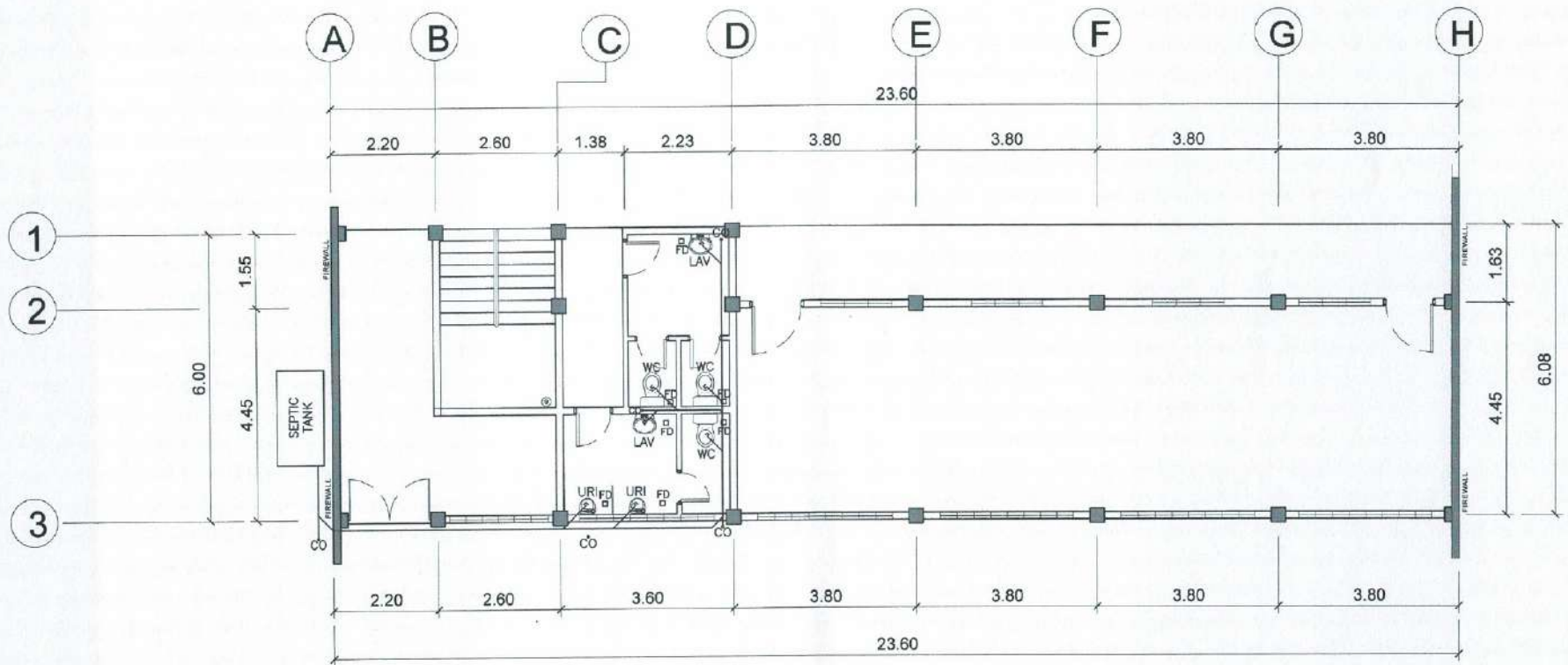
	LED LIGHT BULB, 9W w/ 8" SURFACE TYPE, VERTICAL ROUND FIXTURE (FL)		ACU CONDENSER OUT DOOR UNIT WITH NEMA 3R CIRCUIT BREAKER
	LED SPOT LIGHT, 100W, IP65 (SL)		ACU WALL/FLOOR MOUNTED, SPLIT TYPE, INDOOR UNIT
	1-1/2W LIGHT TUBE, T5 w/ FIXTURES 2 FT. LENGTH (FL)		2.0 mm THHN
	2-1/2W LIGHT TUBE, T5 w/ FIXTURES 2 FT. LENGTH (FL)		3.5 mm THHN
	1-1/2W LIGHT TUBE, T8 w/ FIXTURES 4 FT. LENGTH (FL)		CIRCUIT HOMERUN
	2-1/2W LIGHT TUBE, T8 w/ FIXTURES 4 FT. LENGTH (FL)		CIRCUIT NUMBER
	EMERGENCY LIGHT (EL)		PANEL BOARD
	CEILING FAN SWITCH		SERVICE ENTRANCE
	ONE GANG SWITCH		KILOWATT HOUR METER
	TWO GANG SWITCH		CONCRETE ENCASEMENT
	THREE GANG SWITCH		CABLE CHAMBER
	THREE WAY SWITCH		DISTRIBUTION TRANSFORMER
	CEILING FAN OUTLET		PRIMARY CONCRETE POLE
	TWO GANG CONVENIENCE OUTLET		SERVICE ENTRANCE PEDESTAL WITH DISCONNECTING SWITCH
	THREE PIN ACU OUTLET		TRUSS/DOWN GUY SUPPORT
	ACU WINDOW TYPE		PRIMARY LINE

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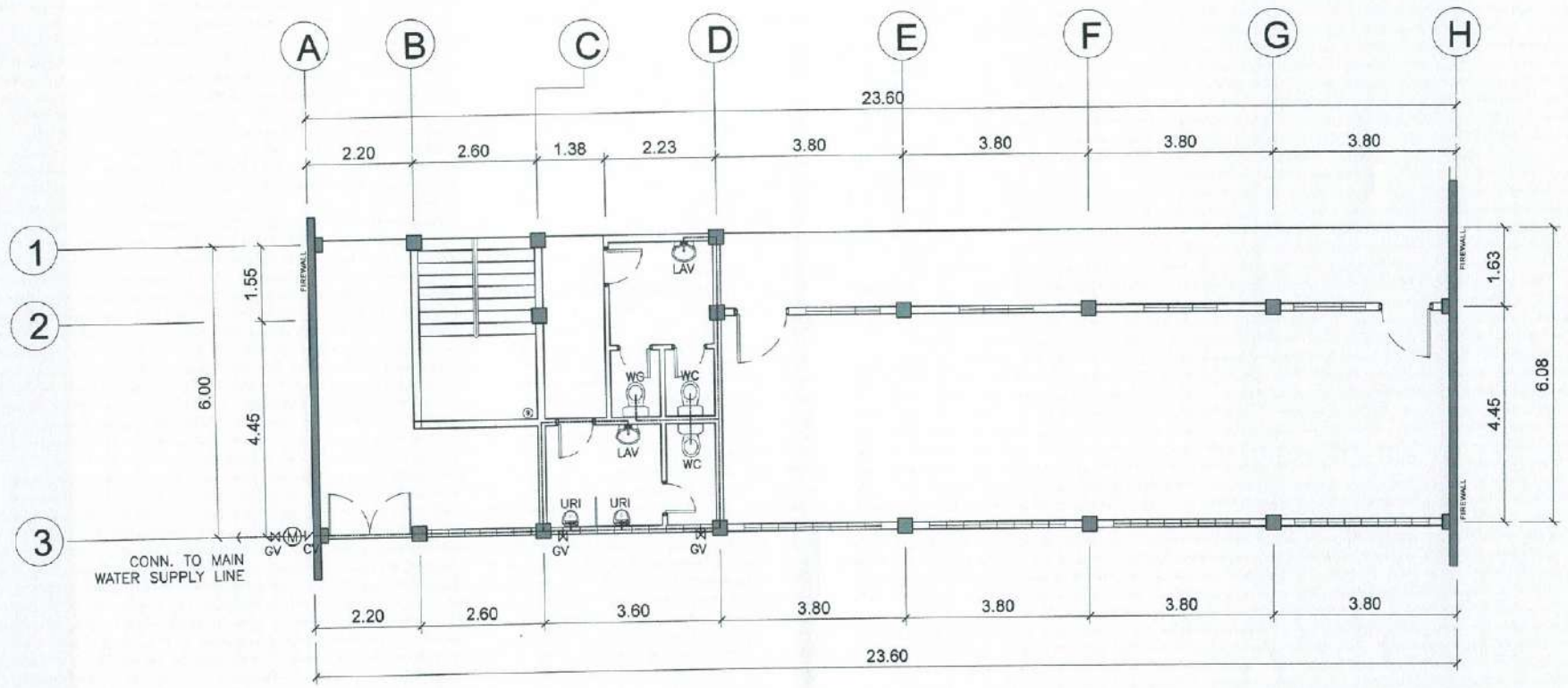
1
P/1
STORM DRAINAGE LAYOUT
 SCALE 1 : 100 MTS.

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J. D. ESCANO PPU	T. C. LOPEZ DEAN TANZA CAMPUS	S. B. BAYOT JR. PPU	O. B. DELOS REYES DIRECTOR PLANNING OFFICE	M. J. D. TEPORA VPPD CVSU	VPASS CVSU	H. D. ROBLES PRES CVSU	PROPOSED MULTI-PURPOSE BUILDING AT CVSU TANZA CAMPUS CAVITE STATE UNIVERSITY TANZA CAMPUS	CAVITE STATE UNIVERSITY	P - 1



1
P2 SEWER LINE LAYOUT
SCALE 1 : 100 MTS.

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1
P3
COLD WATER SUPPLY LINE LAYOUT
SCALE 1 : 100 MTS.

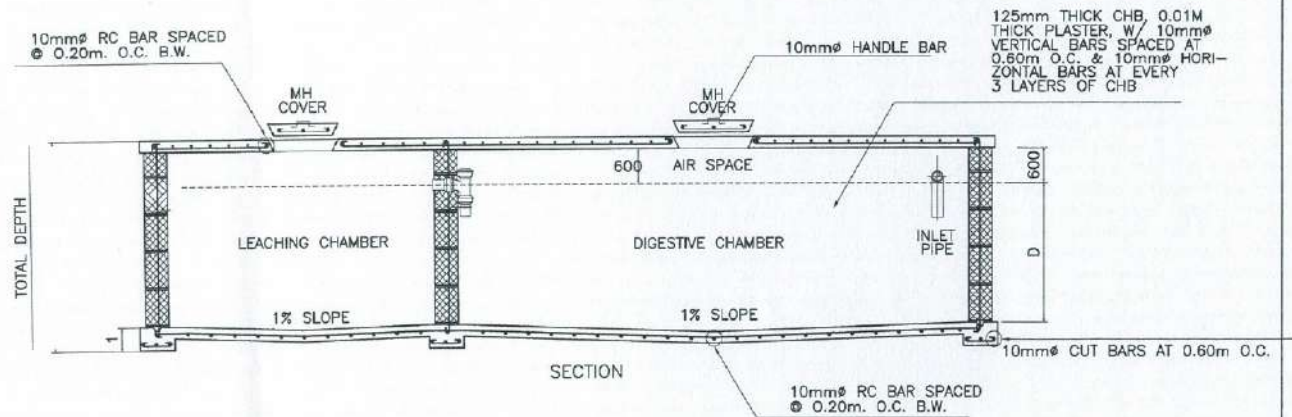
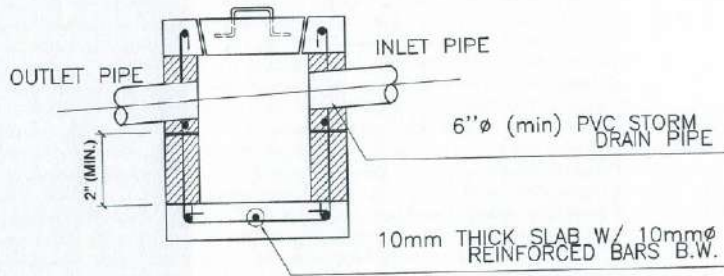
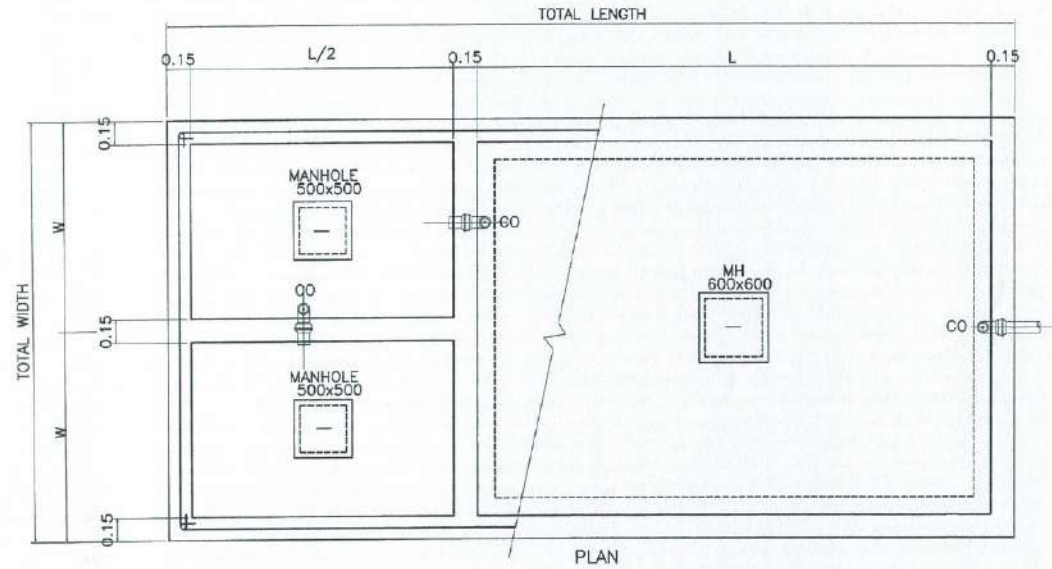
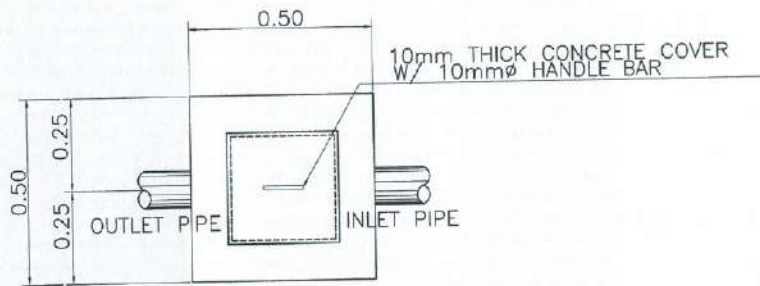
	PREPARED BY:	END USER:	REGISTERED MASTER PLUMBER:	REVIEWED BY:	ENDORSED BY:	REC. APPROVAL:	APPROVED BY:	PROJECT TITLE/ LOCATION:	IMPLEMENTING AGENCY:	SHT NO.:
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- 4" ϕ PVC PIPE WASTE LINE
- 2" ϕ PVC PIPE DRAINAGE LINE
- - - - - 1/2" ϕ PVC PIPE COLD WATER LINE
- 6" ϕ CONCRETE PIPE DRAINAGE LINE

- WC WATER CLOSET
- LAV LAVATORY
- URI URINAL
- CB CATCH BASIN
- CO CLEAN OUT
- FD FLOOR DRAIN
- GV GATE VALVE
- CV CHECK VALVE
- M WATER METER

1. ALL PLUMBING WORKS INCLUDED HEREIN SHALL BE EXECUTED IN ACCORDANCE TO THE PROVISION OF THE PHILIPPINE PLUMBING CODE, THE NATIONAL BUILDING CODE AND THE RULES AND REGULATIONS OF THE LOCAL MUNICIPALITY.
2. COORDINATE THE DRAWINGS WITH OTHER RELATED DRAWINGS AND SPECIFICATIONS. THE ENGINEER AND/OR THE ARCHITECT SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCY FOUND HEREIN.
3. ALL PIPES SHALL BE INSTALLED AS INDICATED, ANY RELOCATION REQUIRED FOR PROPER EXECUTION OF THE PLUMBING WORK SHALL BE WITH PRIOR APPROVAL OF THE ENGINEER AND/OR THE ARCHITECT.
4. PROPOSED SANITARY UTILITIES SHALL CONFORM TO THE ACTUAL LOCATION, DEPTH AND INVERT ELEVATIONS OF ALL EXISTING PIPES AND STRUCTURES AS VERIFIED BY THE CONTRACTOR.
5. ALL SLOPES FOR HORIZONTAL DRAINAGE SHALL MAINTAIN ONE PERCENT (0.01) AND ONE-HALF PERCENT (0.005) MINIMUM UNLESS OTHERWISE SPECIFIED.
6. WATER SUPPLY PIPE TO FIXTURE SHALL BE SIZED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
7. ALL BRANCHES OF FIXTURE OR GROUP OF FIXTURES SHALL BE PROVIDED WITH AIR CHAMBER MADE OF CAPPED VERTICAL EXTENSION PIPE.
8. ALL WATER LINES SHALL BE HYDROSTATICALLY TESTED @ 100 PSI FOR A PERIOD OF TWO(2) HOURS BEFORE BURIED OR COVERED. POLYPROPYLENE PIPE (P.P.R.)
9. THE CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES @ SITE AND COORDINATE THE WORK WITH THE SEWER AND STORM DRAINAGE LINE EFFLUENT DISPOSAL POINT AND WATERLINE SERVICE CONNECTING/TAPPING POINT.
10. ALL PIPE SIZES AND OTHER DIMENSIONS ARE IN MILLIMETER (MM) UNLESS OTHERWISE SPECIFIED AND ARE INDICATIVE OF INSIDE DIAMETER.

	PREPARED BY:	END USER:	REGISTERED MASTER PLUMBER:	REVIEWED BY:	ENDORSED BY:	REC. APPROVAL:	APPROVED BY:	PROJECT TITLE/ LOCATION:	IMPLEMENTING AGENCY:	SHT NO.:
	J. D. ESCANO PPU OVPPD	T. C. LOPEZ DEAN TANZA CAMPUS	S. B. BAYOT JR. PPU OVPPD	O. B. DELOS REYES DIRECTOR PLANNING OFFICE	M. J. D. TEPORA VPPD CVSU	VPASS CVSU	H. D. ROBLES PRES CVSU	PROPOSED MULTI-PURPOSE BUILDING AT CVSU TANZA CAMPUS CAVITE STATE UNIVERSITY TANZA CAMPUS	CAVITE STATE UNIVERSITY	P - 4



SEPTIC TANK DIMENSION					
LENGTH (L)	L/2	TOTAL LENGTH	WIDTH (W)	TOTAL WIDTH	DEPTH (D)
2000 MM	1000 MM	3000 MM	1000 MM	2000 MM	1500 MM



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J. D. ESCANO PPU	T. C. LOPEZ DEAN TANZA CAMPUS	S. B. BAYOT JR. PPU	O. B. BELOS REYES DIRECTOR PLANNING OFFICE	M. J. D. NEPORA VPPD CVSU	VPASS CVSU	H. D. ROBLES PRES CVSU	PROPOSED MULTI-PURPOSE BUILDING AT CVSU TANZA CAMPUS CAVITE STATE UNIVERSITY TANZA CAMPUS	CAVITE STATE UNIVERSITY	P - 5