

- SCHEDULE OF FINISH**
- FLOORS**
- F1 - MARBLE/MULTI FLOOR FINISH
 - F2 - VINYL TILE FLOOR FINISH
 - F3 - POLISHED
 - F4 - CERAMIC TILE FLOOR FINISH
 - F5 - POLISHED GRANITE FLOOR FINISH
 - F6 - CARPET FLOOR FINISH
 - F7 - PLANK FLOOR FINISH
 - F8 - POLISHED FLOOR FINISH
 - F9 - POLISHED FLOOR FINISH
 - F10 - POLISHED FLOOR FINISH WITH CARPET
 - F11 - POLISHED FLOOR FINISH
 - F12 - POLISHED FLOOR FINISH
- WALLS**
- W1 - 100MM THK. CHESTNUT PLANK CLAD W/ 12.5MM PER FORM FINISH
 - W2 - 100MM THK. CHESTNUT PLANK CLAD W/ 12.5MM PER FORM FINISH
 - W3 - 100MM THK. CHESTNUT PLANK CLAD W/ 12.5MM PER FORM FINISH
 - W4 - 100MM THK. CHESTNUT PLANK CLAD W/ 12.5MM PER FORM FINISH
 - W5 - 100MM THK. CHESTNUT PLANK CLAD W/ 12.5MM PER FORM FINISH
 - W6 - 100MM THK. CHESTNUT PLANK CLAD W/ 12.5MM PER FORM FINISH
 - W7 - 100MM THK. CHESTNUT PLANK CLAD W/ 12.5MM PER FORM FINISH
 - W8 - 100MM THK. CHESTNUT PLANK CLAD W/ 12.5MM PER FORM FINISH
 - W9 - 100MM THK. CHESTNUT PLANK CLAD W/ 12.5MM PER FORM FINISH
 - W10 - 100MM THK. CHESTNUT PLANK CLAD W/ 12.5MM PER FORM FINISH
 - W11 - 100MM THK. CHESTNUT PLANK CLAD W/ 12.5MM PER FORM FINISH
 - W12 - 100MM THK. CHESTNUT PLANK CLAD W/ 12.5MM PER FORM FINISH

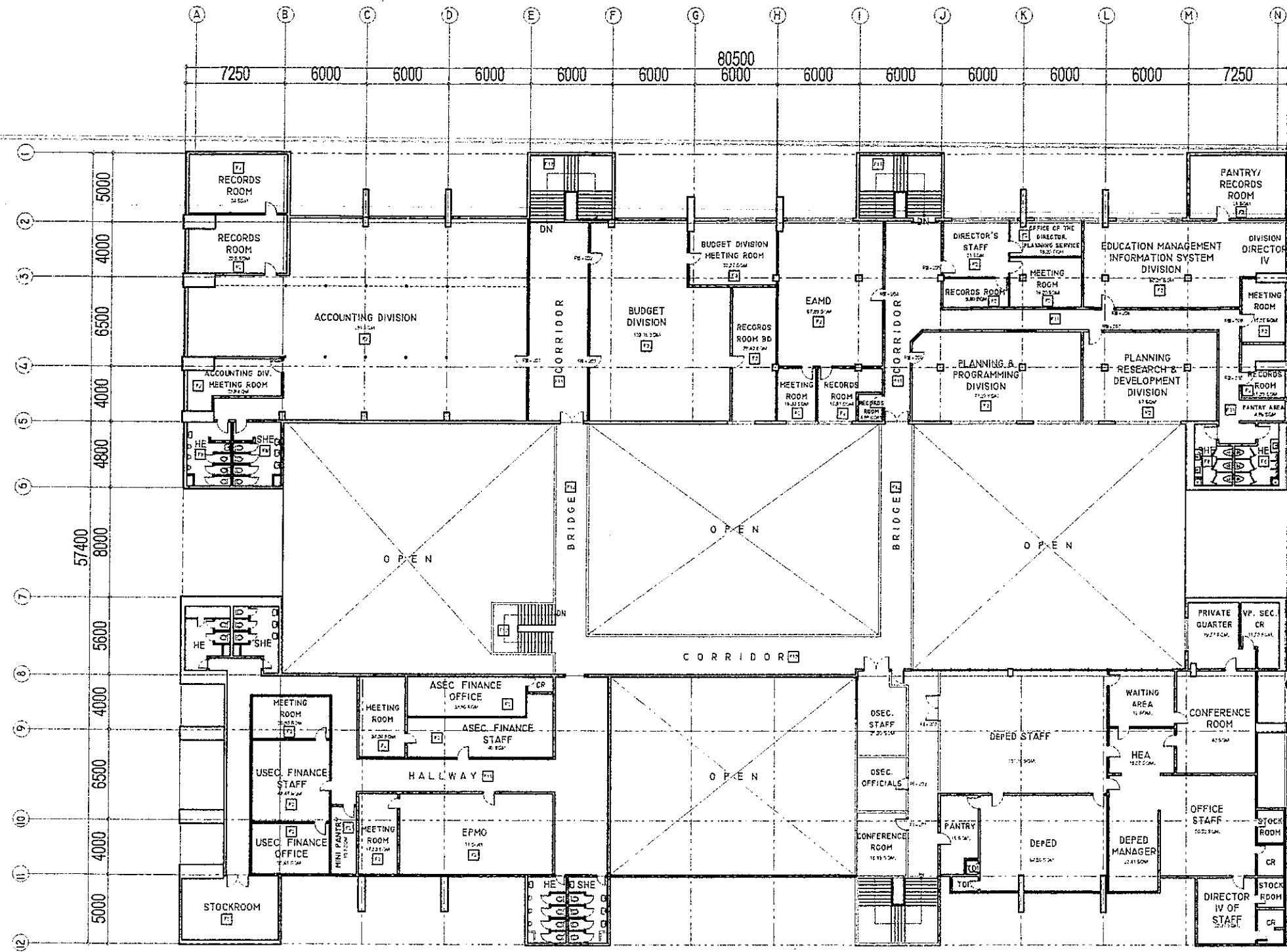
RIZAL & ALONZO BUILDINGS EXISTING GROUND FLOOR PLAN

1
A-1 SCALE

1:100 M

NOTE: THESE DRAWINGS SERVE AS REFERENCE FOR IDENTIFIED AREAS IN THE ALONZO AND RIZAL BUILDINGS OUTSIDE OF OFFICES. FOR INSIDE OF OFFICES, VERIFY ACTUAL LAYOUT AND CONDITIONS OF EXISTING ROOMS.

REPUBLIC OF THE PHILIPPINES DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION	DRAWN BY : CAMILLE ANN C. RAPOSA TECHNICAL ASSISTANT II/ARCHITECT	CHECKED BY : JET R. ALARICO POO I/ARCHITECT	RECOMMENDING APPROVAL : ANNABELLE R. PANGAN CHIEF, OFD	RECOMMENDING APPROVAL : ROBERT M. AGUSTIN INSTRUCTOR II	APPROVED BY : NOLASCO A. MEMPIN	PROJECT TITLE : REPAIR/RENOVATION OF ALONZO & RIZAL BUILDINGS OF DEPED CENTRAL OFFICE	PROJECT CODE : OWNER : DEPARTMENT OF EDUCATION DepED	SHEET NO. : <div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> A-1 </div>
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- SCHEDULE OF FINISH**
- FLOOR
 - 1. POLYURETHANE FLOOR FINISH
 - 2. GRANITE FLOOR FINISH
 - 3. POLYURETHANE FLOOR FINISH
 - 4. POLYURETHANE FLOOR FINISH
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- WALL**
- 13. POLYURETHANE FLOOR FINISH
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 - 96. POLYURETHANE FLOOR FINISH
 - 97. POLYURETHANE FLOOR FINISH
 - 98. POLYURETHANE FLOOR FINISH
 - 99. POLYURETHANE FLOOR FINISH
 - 100. POLYURETHANE FLOOR FINISH

RIZAL & ALONZO BUILDINGS EXISTING SECOND FLOOR PLAN

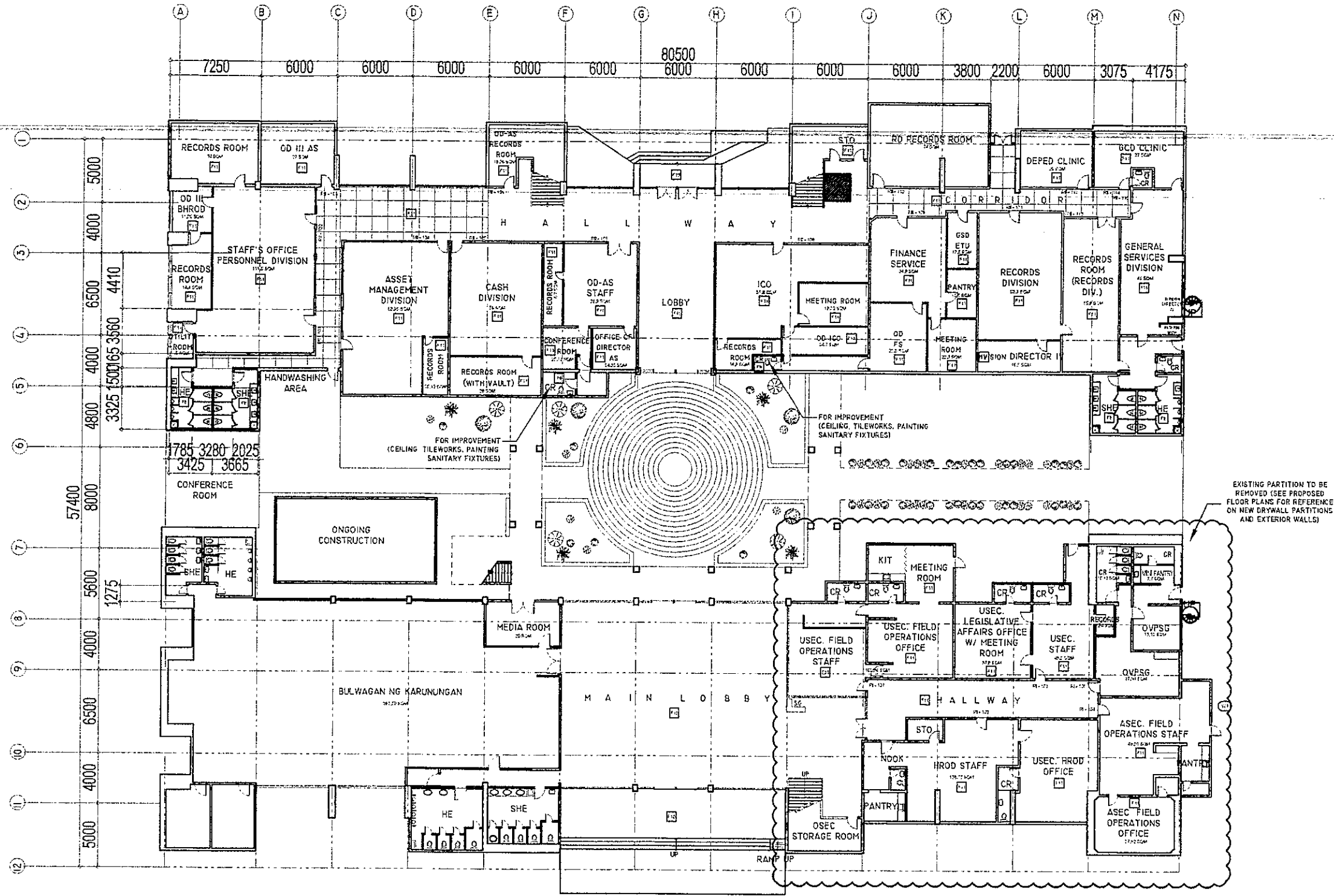
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A-2

SCALE 1:100 M

NOTE: THESE DRAWINGS SERVE AS REFERENCE FOR IDENTIFIED AREAS IN THE ALONZO AND RIZAL BUILDINGS OUTSIDE OF OFFICES, FOR INSIDE OF OFFICES, VERIFY ACTUAL LAYOUT AND CONDITIONS OF EXISTING ROOMS.

REPUBLIC OF THE PHILIPPINES DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION	DRAWN BY: CAMILLE ANN C. CRAPOSA TECHNICAL ASSISTANT II/ARCHITECT	CHECKED BY: JET RAYMOND G. ALARASO PEO I/ARCHITECT	RECOMMENDING APPROVAL: ANNABELLE R. MANGANO CHIEF, EPD	RECOMMENDING APPROVAL: ROBERT M. AGUSTIN DIRECTOR II	APPROVED BY: NOLASCO A. MEMPO UNDERSECRETARY FOR ADMINISTRATION	PROJECT TITLE: REPAIR/RENOVATION OF ALONZO & RIZAL BUILDINGS OF DEPED CENTRAL OFFICE	PROJECT CODE: 	OWNER: DEPARTMENT OF EDUCATION DepED	SHEET NO.: <div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> A-2 29 </div>
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SHEET CONTENTS:
 ASE-BUILT SECOND FLOOR PLAN



EXISTING PARTITION TO BE REMOVED (SEE PROPOSED FLOOR PLANS FOR REFERENCE ON NEW DRYWALL PARTITIONS AND EXTERIOR WALLS)

- SCHEDULE OF WORK**
- FLOORS**
- 1. REMOVE EXISTING PARTITION
 - 2. WALL REPAIRS
 - 3. CEILING
 - 4. CEILING TILEWORKS
 - 5. FLOOR TILEWORKS
 - 6. CARPET REPAIRS
 - 7. FLOOR POLISHING
 - 8. FLOOR PAINTING
 - 9. FLOOR REPAIRS
 - 10. FLOOR REPAIRS
 - 11. FLOOR REPAIRS
 - 12. FLOOR REPAIRS
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 - 49. FLOOR REPAIRS
 - 50. FLOOR REPAIRS
- WALLS**
- 1. REMOVE EXISTING PARTITION
 - 2. WALL REPAIRS
 - 3. WALL REPAIRS
 - 4. WALL REPAIRS
 - 5. WALL REPAIRS
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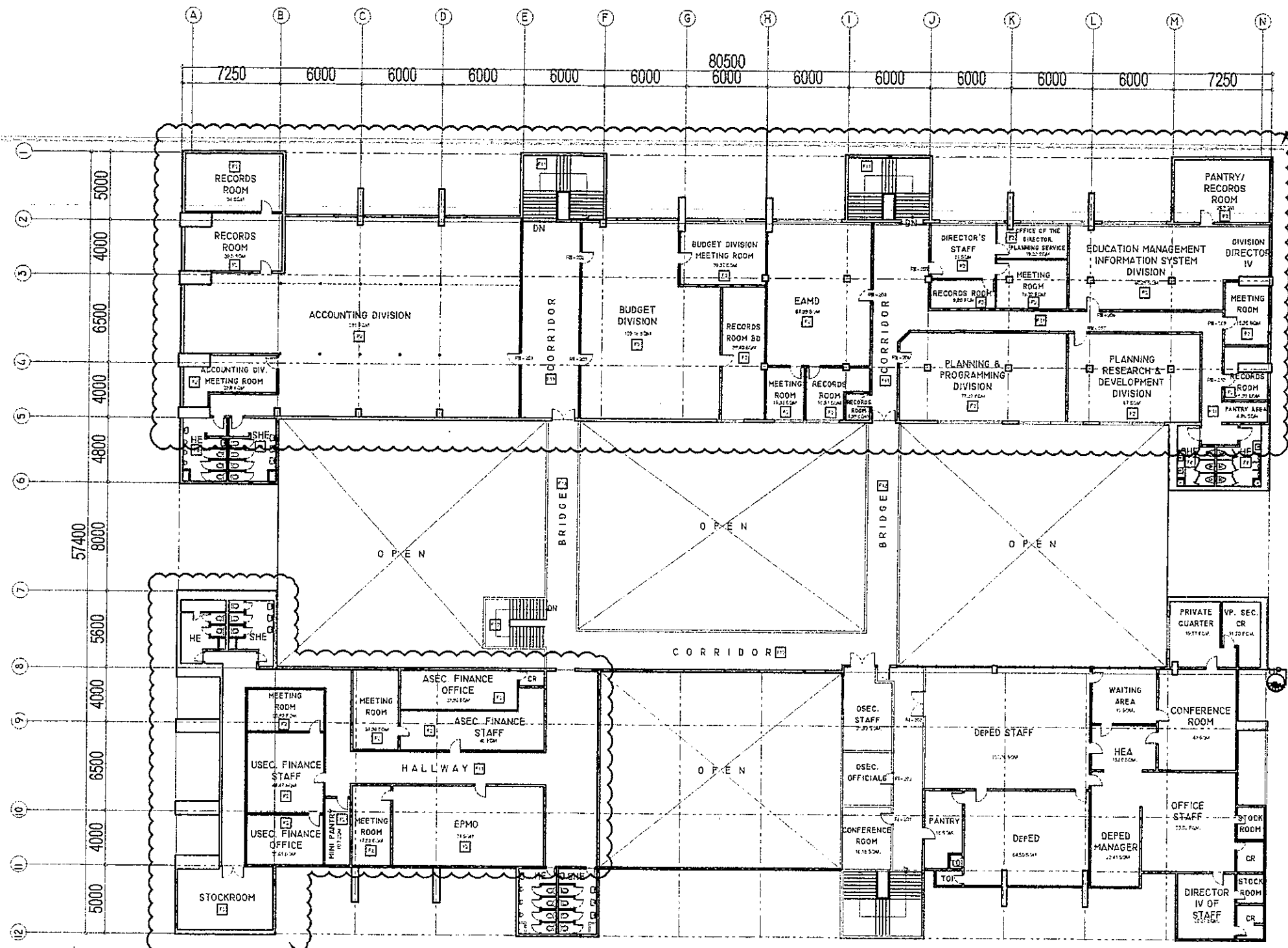
RIZAL & ALONZO BUILDINGS GROUND FLOOR DEMOLITION PLAN

1
A-3

SCALE

1:100 M

<p>REPUBLIC OF THE PHILIPPINES DepEd DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION</p>	<p>DRAWN BY:</p> <p><i>Camilie Any C. Raposa</i> CAMILIE ANY C. RAPOSA TECHNICAL ASSISTANT II/ARCHITECT</p>	<p>CHECKED BY:</p> <p><i>Jet Raymond G. Alabaso</i> JET RAYMOND G. ALABASO POO I/ARCHITECT</p>	<p>RECOMMENDING APPROVAL:</p> <p><i>Annabelle R. Pangan</i> ANNABELLE R. PANGAN CHIEF, EFD</p>	<p>RECOMMENDING APPROVAL:</p> <p><i>Robert M. Agustin</i> ROBERT M. AGUSTIN DIRECTOR II</p>	<p>APPROVED BY:</p> <p><i>Nolabod A. Mempo</i> NOLABOD A. MEMPO SUPERVISORY FOR ADMINISTRATION</p>	<p>PROJECT TITLE:</p> <p>REPAIR/RENOVATION OF ALONZO & RIZAL BUILDINGS OF DEPED CENTRAL OFFICE</p>	<p>PROJECT CODE:</p>	<p>OWNER:</p> <p>DEPARTMENT OF EDUCATION DepED</p>	<p>SHEET NO.:</p> <p>A-3 29</p>
	<p>SHEET CONTENTS:</p> <p>GROUND FLOOR DEMOLITION PLAN</p>								



EXISTING PARTITION TO BE REMOVED (SEE PROPOSED FLOOR PLANS FOR REFERENCE ON NEW PARTITIONS)

EXISTING PARTITION TO BE REMOVED (SEE PROPOSED FLOOR PLANS FOR REFERENCE ON NEW PARTITIONS)

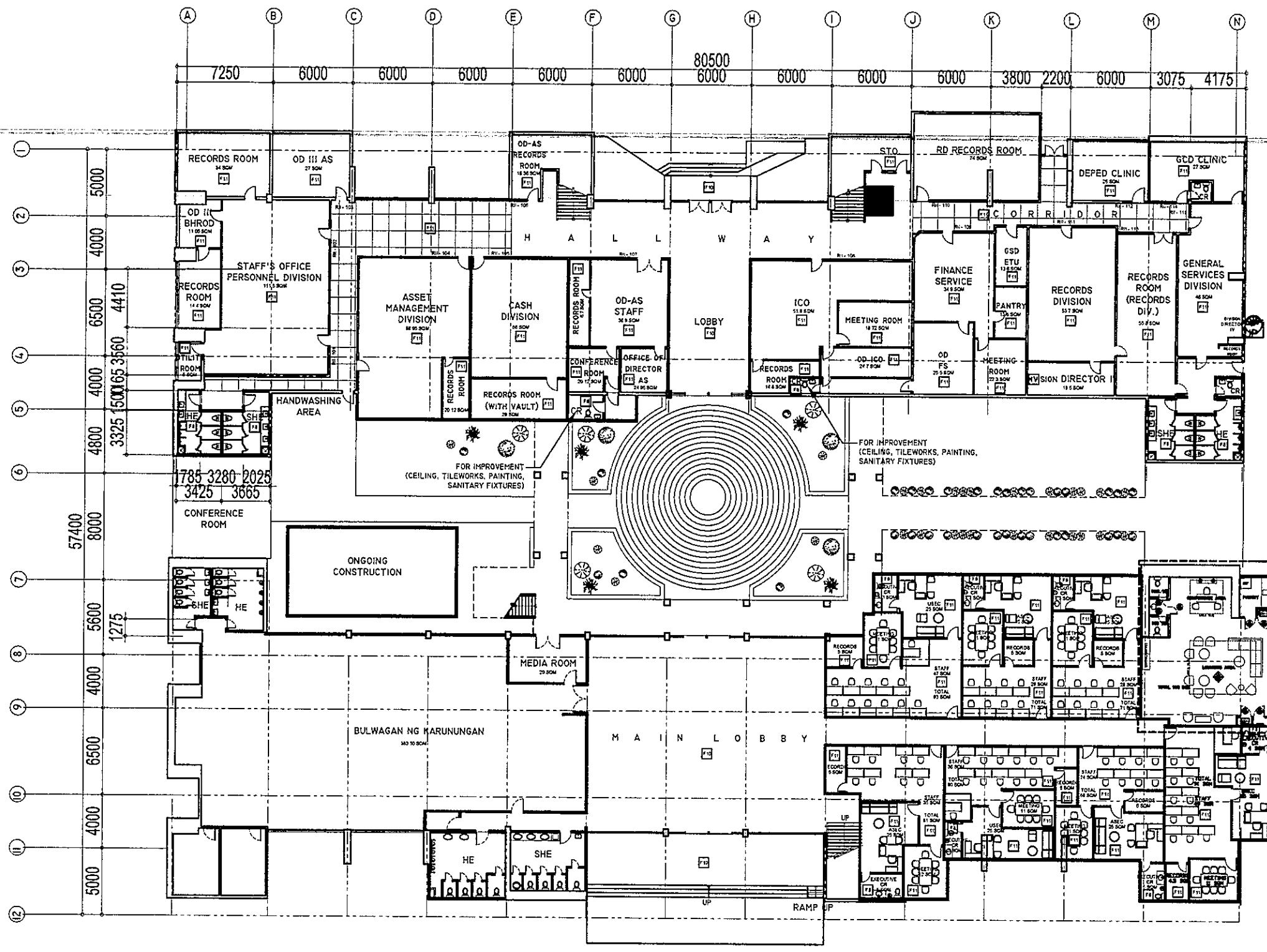
- SCHEDULE OF FINISHES**
- FLOORS**
- 1 - BASE COAT/PRIMER/FLYSPRAY
 - 2 - PAINT/FLYKILLER
 - 3 - POLYURETHANE
 - 4 - CERAMIC TILE/GROUT
 - 5 - FLOORING/GROUT/FLYSPRAY
 - 6 - STAIR TREADS
 - 7 - POLYURETHANE/FLYSPRAY
 - 8 - POLYURETHANE/FLYSPRAY
 - 9 - POLYURETHANE/FLYSPRAY
 - 10 - POLYURETHANE/FLYSPRAY
 - 11 - POLYURETHANE/FLYSPRAY
 - 12 - POLYURETHANE/FLYSPRAY
- WALLS**
- 13 - SCREW THE CHESTNUT CLAY/PLASTER/PAINT
 - 14 - SCREW THE CHESTNUT CLAY/PLASTER/PAINT
 - 15 - SCREW THE CHESTNUT CLAY/PLASTER/PAINT
 - 16 - SCREW THE CHESTNUT CLAY/PLASTER/PAINT
 - 17 - SCREW THE CHESTNUT CLAY/PLASTER/PAINT
 - 18 - SCREW THE CHESTNUT CLAY/PLASTER/PAINT
 - 19 - SCREW THE CHESTNUT CLAY/PLASTER/PAINT
 - 20 - SCREW THE CHESTNUT CLAY/PLASTER/PAINT

RIZAL & ALONZO BUILDINGS SECOND FLOOR DEMOLITION PLAN

1
A-4 SCALE

1:100 M

<p>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION</p>	<p>DRAWN BY:</p> <p>CAMILLE ANN C. RAPOSA TECHNICAL ASSISTANT II/ARCHITECT</p>	<p>CHECKED BY:</p> <p>JET ANTHONY G. ALABASO PROJ. MGR./ARCHITECT</p>	<p>RECOMMENDING APPROVAL:</p> <p>ANNABELLE R. PANGAN CHIEF, ETD</p>	<p>RECOMMENDING APPROVAL:</p> <p>ROBERT M. AGUSTIN DIRECTOR IV</p>	<p>APPROVED BY:</p> <p>NOLASCO A. MEMPIN SECRETARY FOR EDUCATION</p>	<p>PROJECT TITLE:</p> <p>REPAIR/RENOVATION OF ALONZO & RIZAL BUILDINGS OF DEPED CENTRAL OFFICE</p>	<p>PROJECT CODE:</p>	<p>OWNER:</p> <p>DEPARTMENT OF EDUCATION DepED</p>	<p>SHEET NO.:</p> <p>A-4 29</p>
	<p>SHEET CONTENTS:</p>								



- SCHEDULE OF FINISH**
- FLOORS**
- F1 - MAIN RECEPTIONAL FLOOR FINISH
 - F2 - VINTAGE TILE FLOOR FINISH
 - F3 - WOOD FINISH
 - F4 - CERAMIC TILE FLOOR FINISH
 - F5 - PERLE WASH OUT FLOOR FINISH
 - F6 - CARPET FLOOR FINISH
 - F7 - PLAIN CEMENT FLOOR FINISH
 - F8 - 1.8 G FLOOR PANEL FINISH
 - F9 - 200x200mm VITRIFIED FLOOR TILES (POLISHED)
 - F10 - PLAIN CEMENT FINISH WITH GRIDDIES
 - F11 - BRICK TILES (TO BE RESTORED)
 - F12 - 400x400mm GLOSSY HOMOGENEOUS TILES
 - F13 - 600x600mm NON-SLIP HOMOGENEOUS TILES
- WALLS**
- W1 - 125 MM THK. C&G W/ PLASTER, CEMENT PLASTER PAINT FINISH
 - W2 - 100 MM THK. C&G W/ PLASTER, CEMENT PLASTER PAINT FINISH
 - W3 - 8mm THK. CLEAR GLASS WITH ALUMINUM FRAME
 - W4 - 100mm THK. WOODEN PARTITION PAINT FINISH
 - W5 - 155 MM THK. RETAINING WALL - WATERPROOFING COMPOUND PLASTER PAINT FINISH (INTERIOR SIDE)

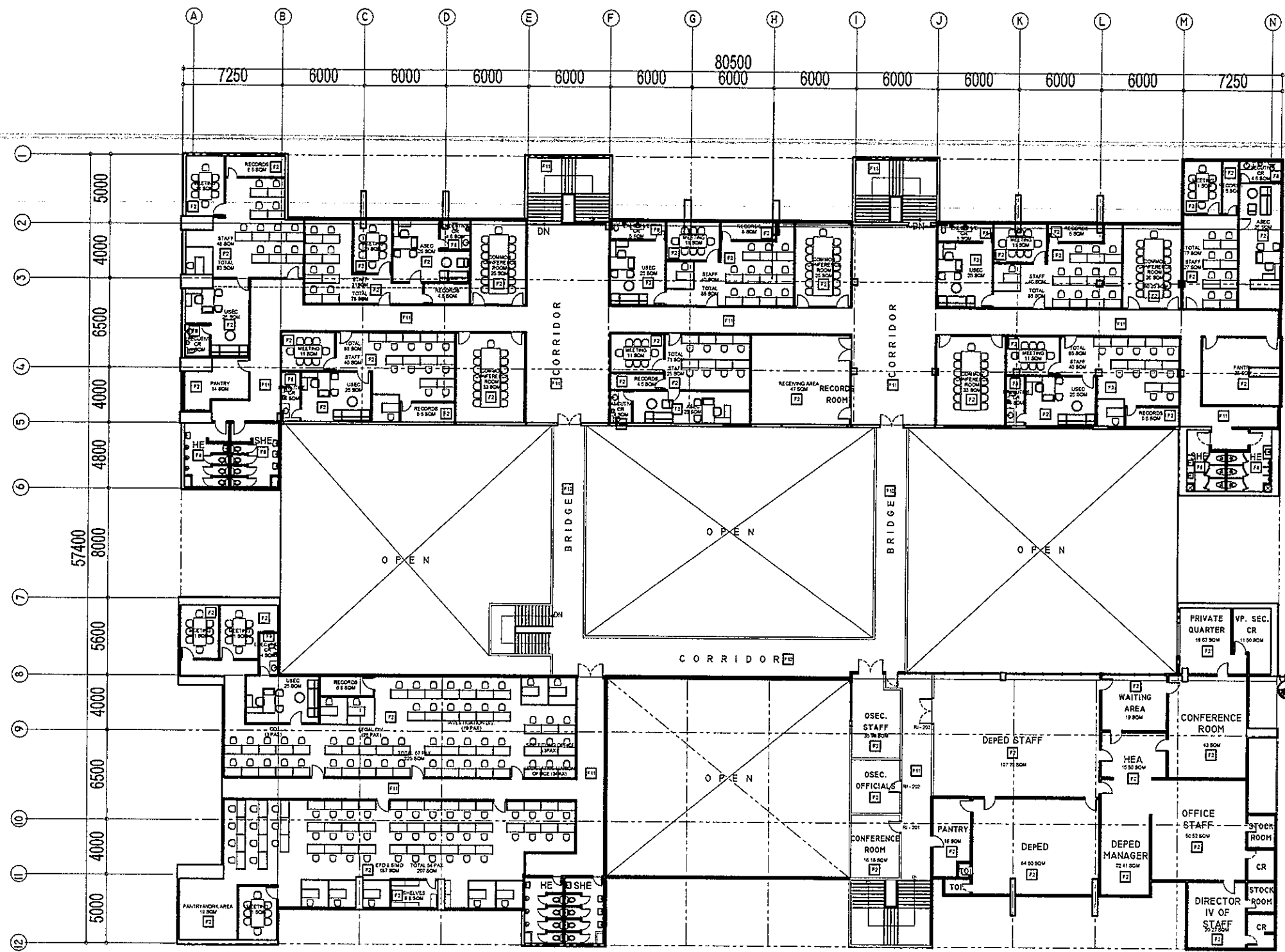
RIZAL & ALONZO BUILDINGS PROPOSED GROUND FLOOR PLAN

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A-5 SCALE

1:100 M



DRAWN BY:	CHECKED BY:	RECOMMENDING APPROVAL:	RECOMMENDING APPROVAL:	APPROVED BY:	PROJECT TITLE:	PROJECT CODE:	OWNER:	SHEET NO.:
					REPAIR/RENOVATION OF ALONZO & RIZAL BUILDINGS OF GENERAL OFFICE		DEPARTMENT OF EDUCATION DepED	A-5



- SCHEDULE OF FINISH**
- FLOORS**
- F1 - MARBLE GRANULITE FLOOR FINISH
 - F2 - VINYL TILE FLOOR FINISH
 - F3 - WOOD FINISH
 - F4 - CERAMIC TILE FLOOR FINISH
 - F5 - PENILE WASH CUT FLOOR FINISH
 - F6 - CARPET FLOOR FINISH
 - F7 - PLAIN CEMENT FLOOR FINISH
 - F8 - T & G FLOOR PANEL FINISH
 - F9 - 200x200mm VITRIFIED FLOOR TILES (REPLACES)
 - F10 - PLAIN CEMENT FINISH WITH GROOVES
 - F11 - BRICK TILES (TO BE RESTORED)
 - F12 - 80x80mm GR GREY HOMOGENEOUS TILES
 - F13 - 600x600mm NON-SLIP HOMOGENEOUS TILES
- WALLS**
- W1 - 150 MM THK CHB IN PLASTER CEMENT PLASTER PAINT FINISH
 - W2 - 100 MM THK CHB IN PLASTER CEMENT PLASTER PAINT FINISH
 - W3 - 80mm THK CLEAR GLASS WITH ALUMINUM FRAME
 - W4 - 200mm THK WOODEN PARTITION PAINT FINISH
 - W5 - 150 MM THK RETAINING WALL WATERPROOFING COMPOUND PLASTER PAINT FRESH INTERIOR SIDE

RIZAL & ALONZO BUILDINGS PROPOSED SECOND FLOOR PLAN

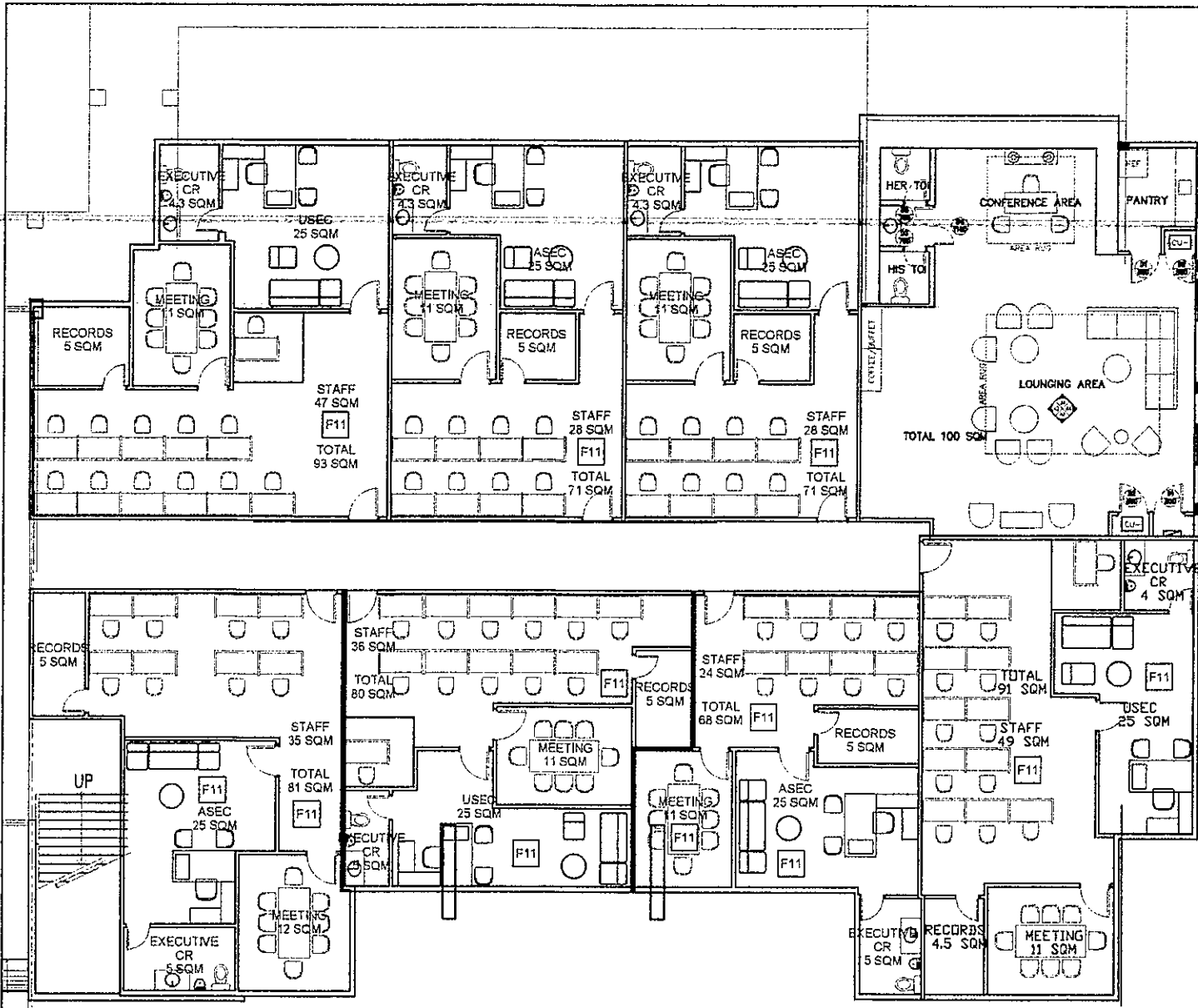
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A-6

SCALE 1:100 M



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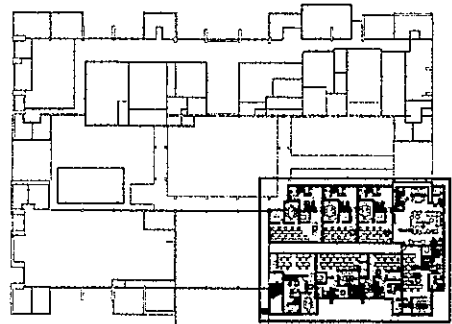
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REPAIR/RENOVATION OF ALONZO & RIZAL BUILDINGS DEPED CENTRAL OFFICE		DEPARTMENT OF EDUCATION DepED	A-6



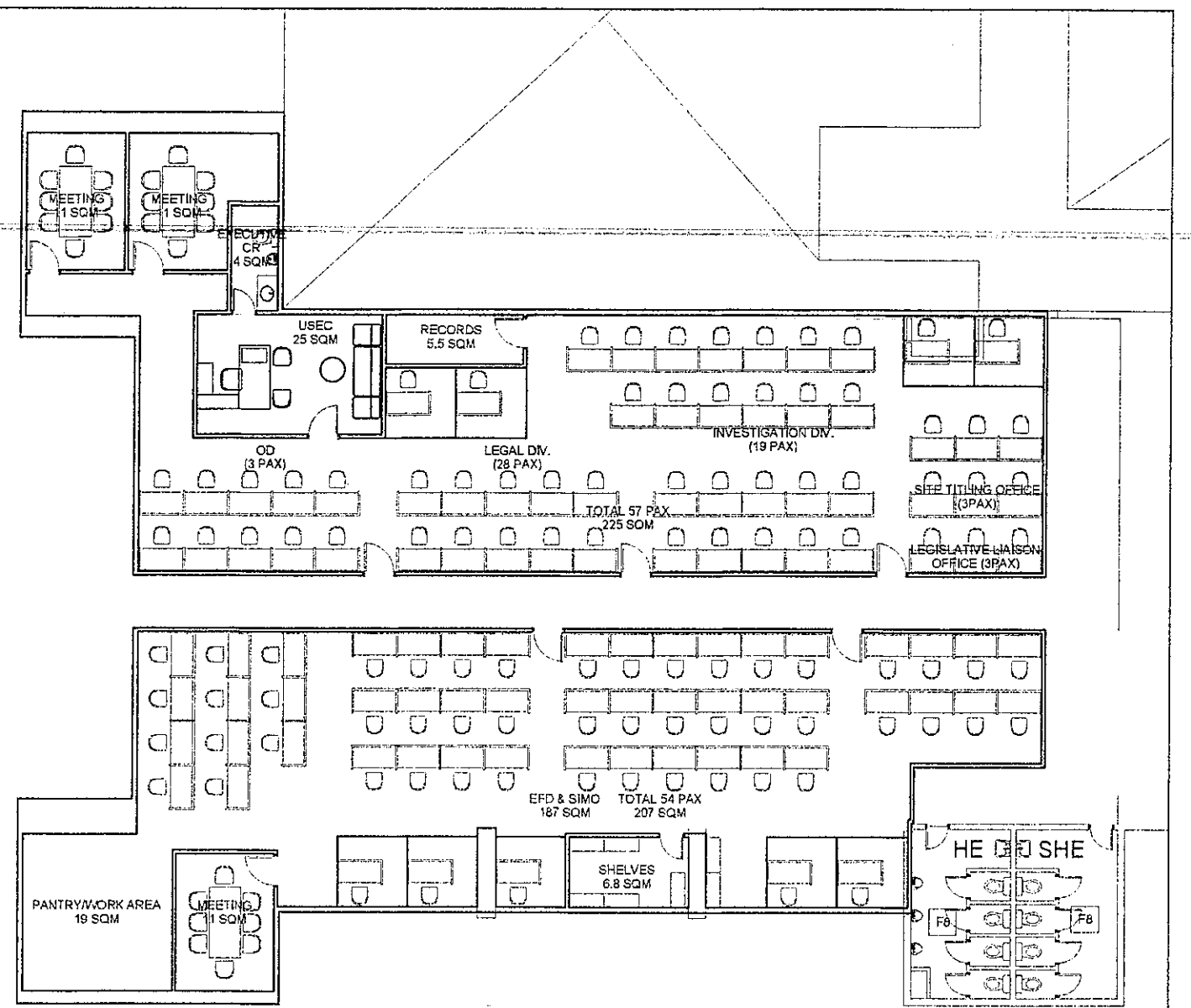
**RIZAL RIGHT WING
GROUND FLOOR BLOW UP PLAN**

1
A-7 SCALE

1:50 M



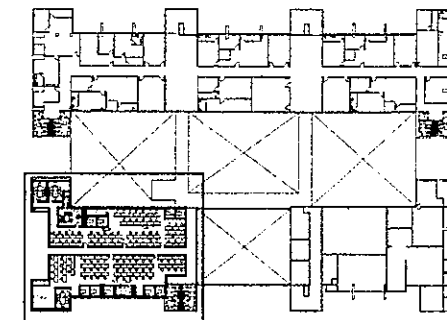
KEY PLAN



**RIZAL LEFT WING
SECOND FLOOR BLOW UP PLAN**

2
A-7 SCALE

1:50 M



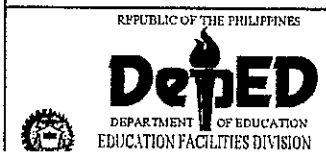
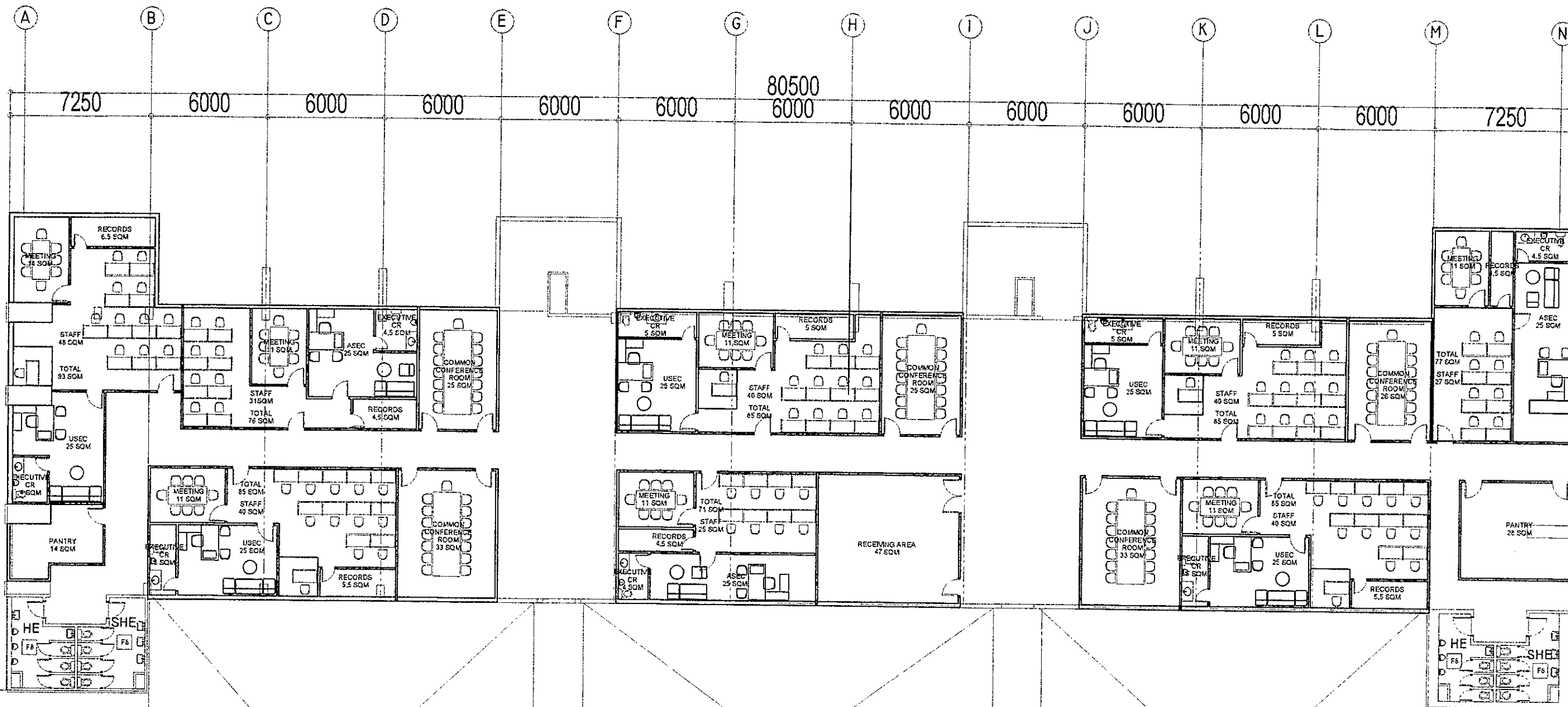
KEY PLAN

REPUBLIC OF THE PHILIPPINES DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION	DRAWN BY: AR. MARIA MARGARITA S. PACELIS <small>TECHNICAL ASSISTANT/ARCHITECT</small>	CHECKED BY: JET RAYMOND C. ABOAS <small>PDO I/ARCHITECT</small>	RECOMMENDING APPROVAL: ANNABELLE E. PANGAN <small>CHIEF, EFD</small>	RECOMMENDING APPROVAL: ROBERT M. AGUSTIN <small>DIRECTOR M</small>	APPROVED BY: NOLASCO A. MAMPIN <small>UNDERSECRETARY FOR ADMINISTRATION</small>	PROJECT TITLE: REPAIR/RENOVATION OF ALONZO & RIZAL BUILDINGS OF DEPED CENTRAL OFFICE	PROJECT CODE: 	OWNER: DEPARTMENT OF EDUCATION DepED	SHEET NO.: A-7 29
	SHEET CONTENTS: RIZAL BUILDING BLOW UP PLANS								

ALONZO BUILDING SECOND FLOOR BLOW UP PLAN

1
A-8 SCALE

NTS



DRAWN BY:
[Signature]
AR. MARIA MARGARITA S. RACELIS
TECHNICAL ASSISTANT/ARCHITECT

CHECKED BY:
[Signature]
JET RAMONDO C. ALABASO
PEO I/ARCHITECT

RECOMMENDING APPROVAL:
[Signature]
ANNABELLE R. PANGAN
CHIEF, ETD

RECOMMENDING APPROVAL:
[Signature]
ROBERT M. AGUSTIN
DIRECTOR IV

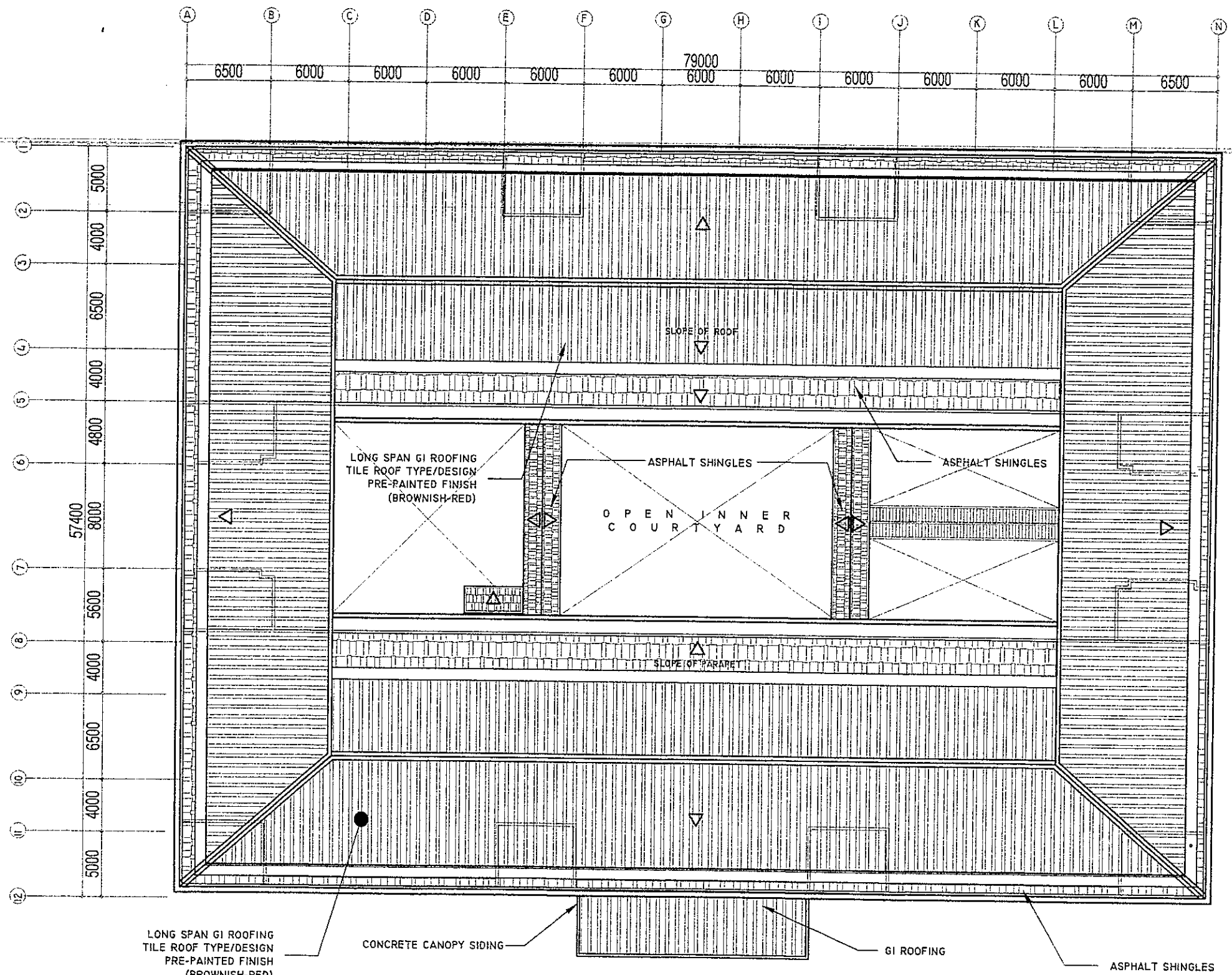
APPROVED BY:
[Signature]
NOLASCO A. MEMPIN

PROJECT TITLE:
REPAIR/RENOVATION OF
ALONZO & RIZAL BUILDINGS
OF DEPED CENTRAL OFFICE

PROJECT CODE:

OWNER:
DEPARTMENT OF EDUCATION
DepED

SHEET NO:
A-8
29



RIZAL & ALONZO BUILDINGS PROPOSED ROOF PLAN

1
A-10

SCALE

1:100 M



DRAWN BY :

 CAMILLE ANN C. RAPOSA
 TECHNICAL ASSISTANT III/ARCHITECT

CHECKED BY :

 JET RAYMOND C. ACABADO
 PEO II/ARCHITECT

RECOMMENDING APPROVAL :

 ANNABELLE M. PANGAN
 CHIEF, ETD

RECOMMENDING APPROVAL :

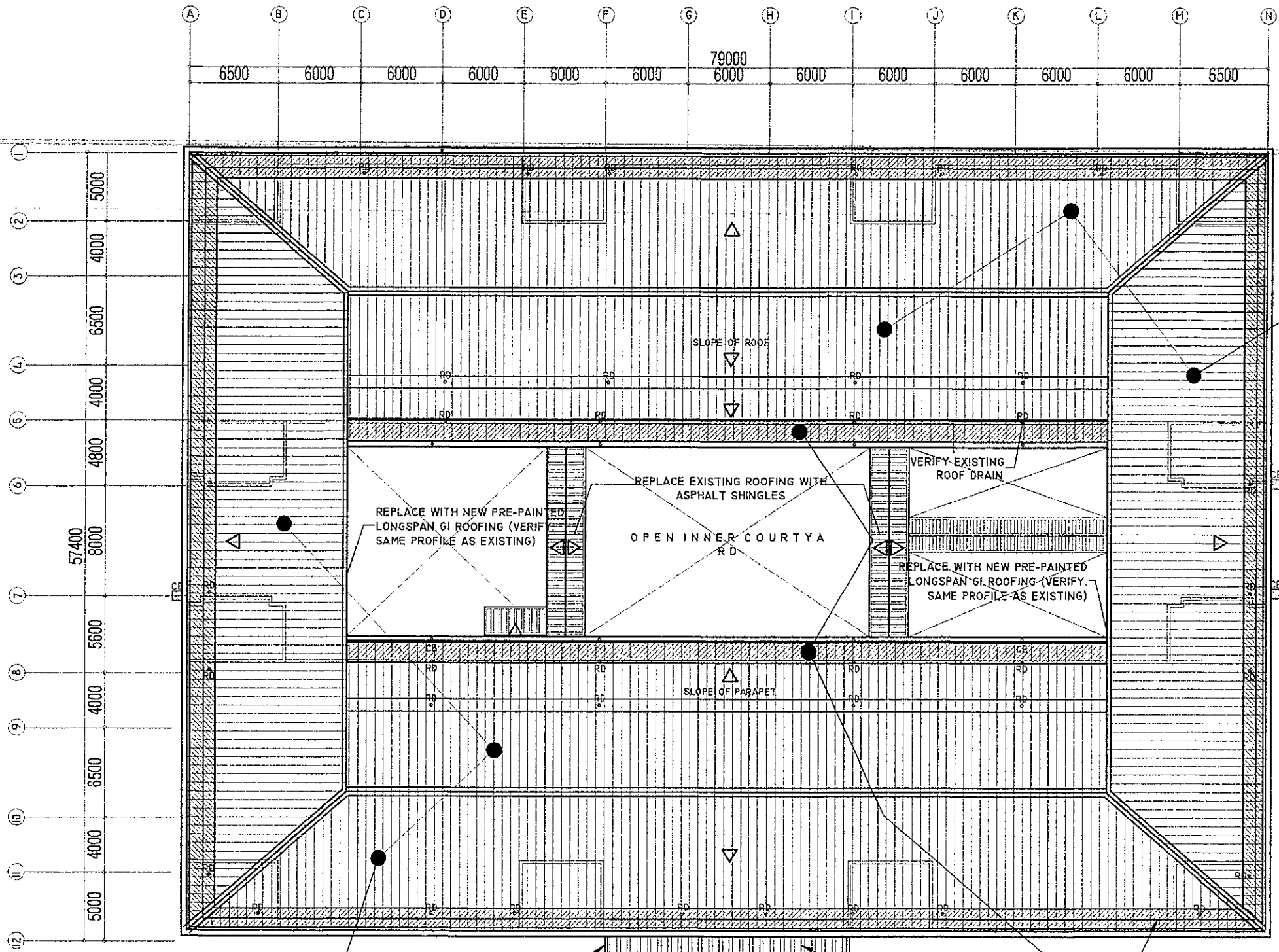
 ROBERT M. AGUSTIN
 DIRECTOR IV

APPROVED BY :

 NOLASCO A. MAMPIN

PROJECT TITLE :
 REPAIR/RENOVATION OF
 ALONZO & RIZAL BUILDINGS
 OF DEPED CENTRAL OFFICE

PROJECT CODE :
 OWNER :
 SHEET :



EXISTING CEMENT ROOF TILES & SUBSTRATES TO BE DEMOLISHED AND WILL BE REPLACED WITH LONG SPAN GI ROOFING

EXISTING CEMENT ROOFTILES & SUBSTRATES TO BE DEMOLISHED AND WILL BE REPLACED WITH LONG SPAN GI ROOFING

CONCRETE CANOPY SIDING

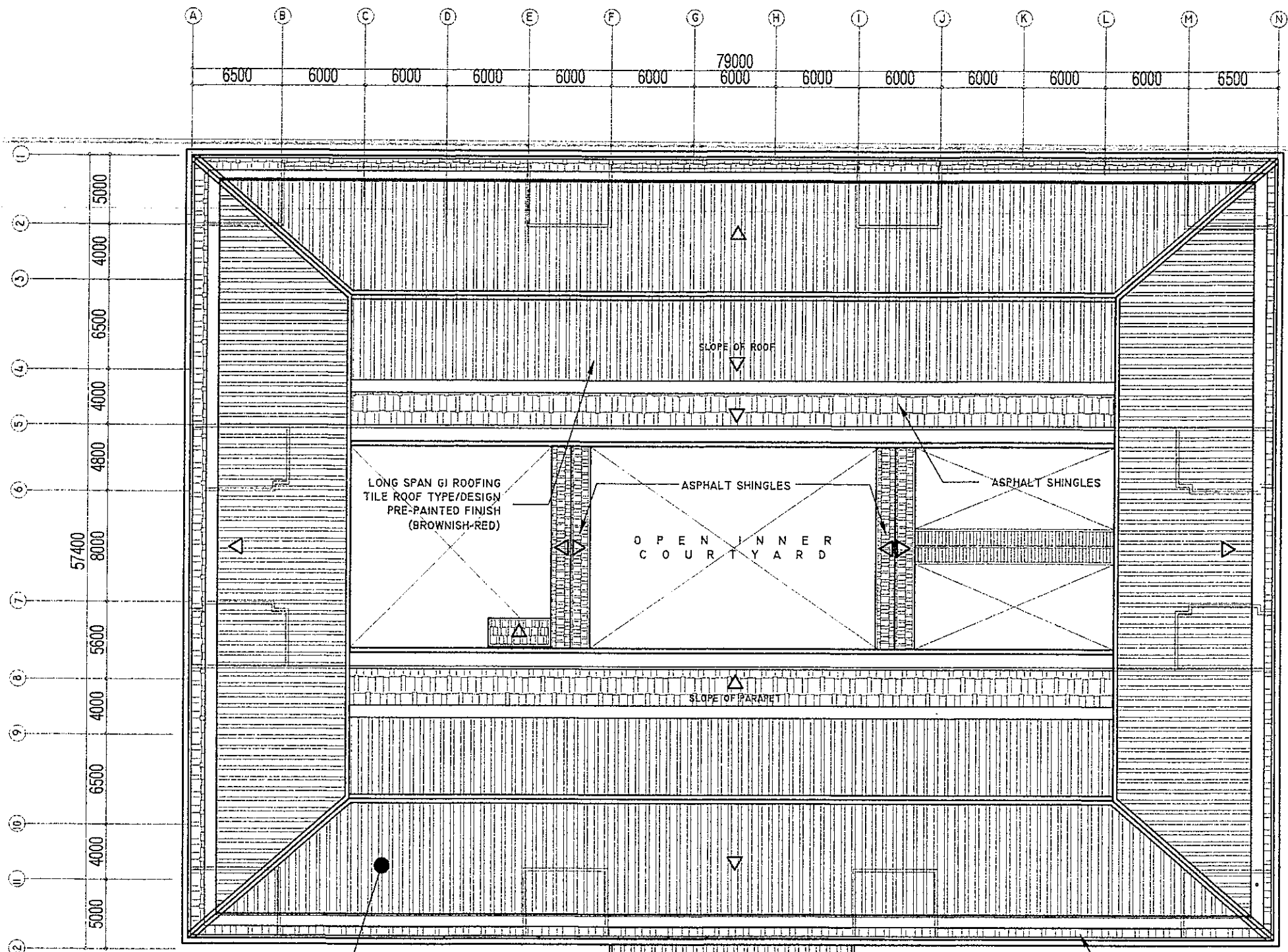
REPLACE EXISTING ROOFING WITH NEW GI ROOFING (SAME MATERIAL AS EXISTING)

EXISTING EXTENSION ROOFING METAL SHEET AND STRUCTURAL SUPPORT TO BE DEMOLISHED AND WILL BE REPLACED WITH ASPHALT SHINGLES

RIZAL & ALONZO BUILDINGS EXISTING ROOF PLAN

1
A-9 SCALE 1:100 M

<p>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF EDUCATION FUNCTIONAL FACILITIES DIVISION</p>	<p>DRAWN BY: CAMILLE ANN C. RAPOSA</p>	<p>CHECKED BY: JETA MARICAR C. ALABASO</p>	<p>RECOMMENDING APPROVAL: ANNABELLE R. PANGAN PLATE 570</p>	<p>RECOMMENDING APPROVAL: ROBERT M. AGUSTIN DIRECTOR IV</p>	<p>APPROVED BY: NOLASCO A. MEMPIN SUPERVISOR AND ADMINISTRATOR</p>	<p>PROJECT TITLE: REPAIR/RENOVATION OF ALONZO & RIZAL BUILDINGS OF DEPED CENTRAL OFFICE</p>	<p>PROJECT CODE:</p>	<p>OWNER: DEPARTMENT OF EDUCATION DepED</p>	<p>SHEET NO.: A-9 29</p>
	<p>SHEET CONTENTS: EXISTING ROOF PLAN</p>								

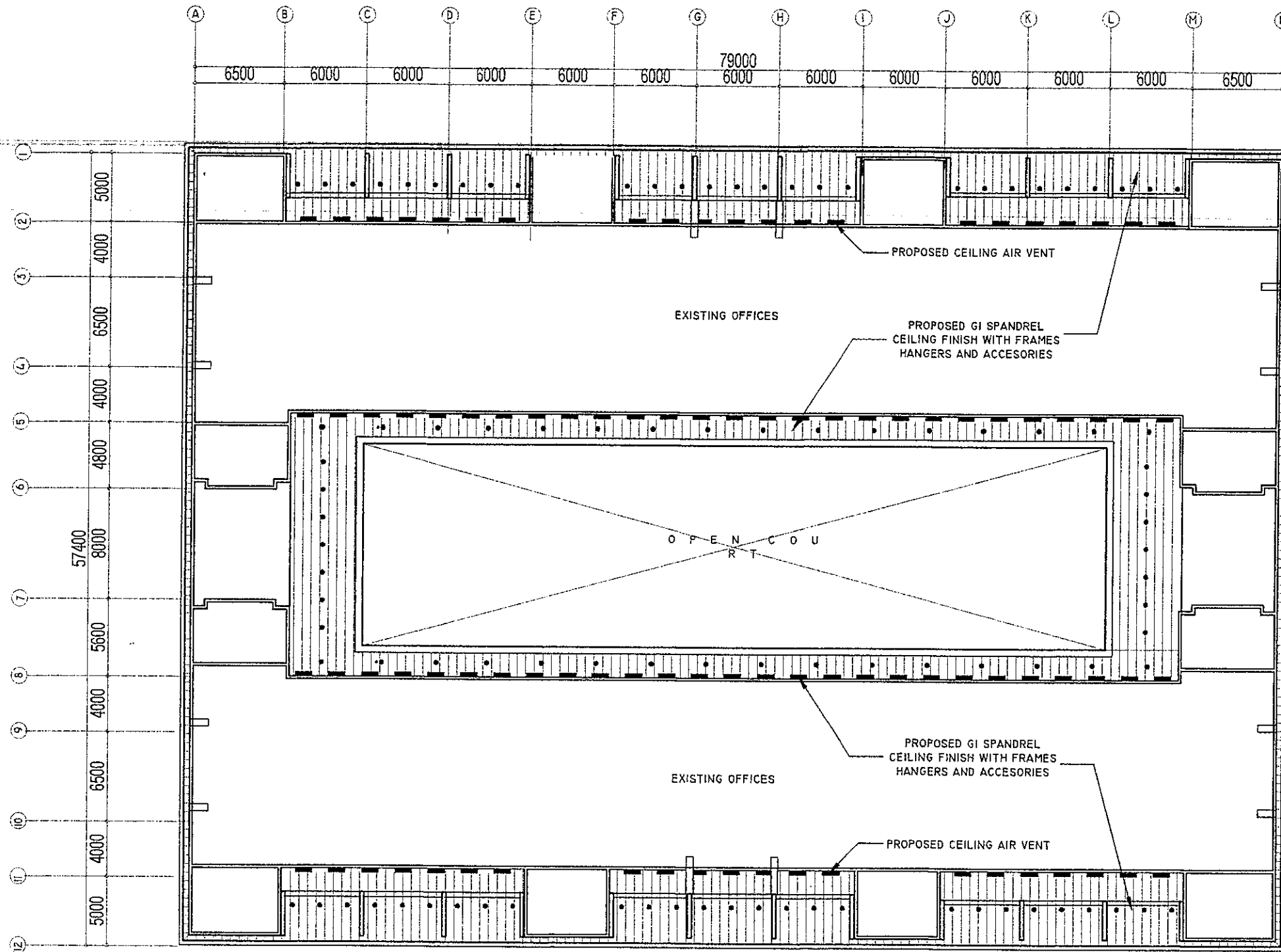


LONG SPAN GI ROOFING TILE ROOF TYPE/DESIGN PRE-PAINTED FINISH (BROWNISH-RED) CONCRETE CANOPY SIDING GI ROOFING ASPHALT SHINGLES

RIZAL & ALONZO BUILDINGS PROPOSED ROOF PLAN

1
A-10 SCALE 1:100 M

REPUBLIC OF THE PHILIPPINES DepED DEPARTMENT OF EDUCATION	DRAWN BY : <i>Camille Ann C. Raosa</i> CAMILLE ANN C. RAOSA	CHECKED BY : <i>Jet Raymond G. Alabaso</i> JET RAYMOND G. ALABASO	RECOMMENDING APPROVAL : <i>Annabelle R. Pangan</i> ANNABELLE R. PANGAN	RECOMMENDING APPROVAL : <i>Robert M. Agustin</i> ROBERT M. AGUSTIN	APPROVED BY : <i>Nolasco A. Mempo</i> NOLASCO A. MEMPO	PROJECT TITLE : REPAIR/RENOVATION OF ALONZO & RIZAL BUILDINGS OF DEPED CENTRAL OFFICE	PROJECT CODE :	OWNER : DEPARTMENT OF EDUCATION DepED	SHEET NO. : A-10 29
	SHEET CONTENTS :								



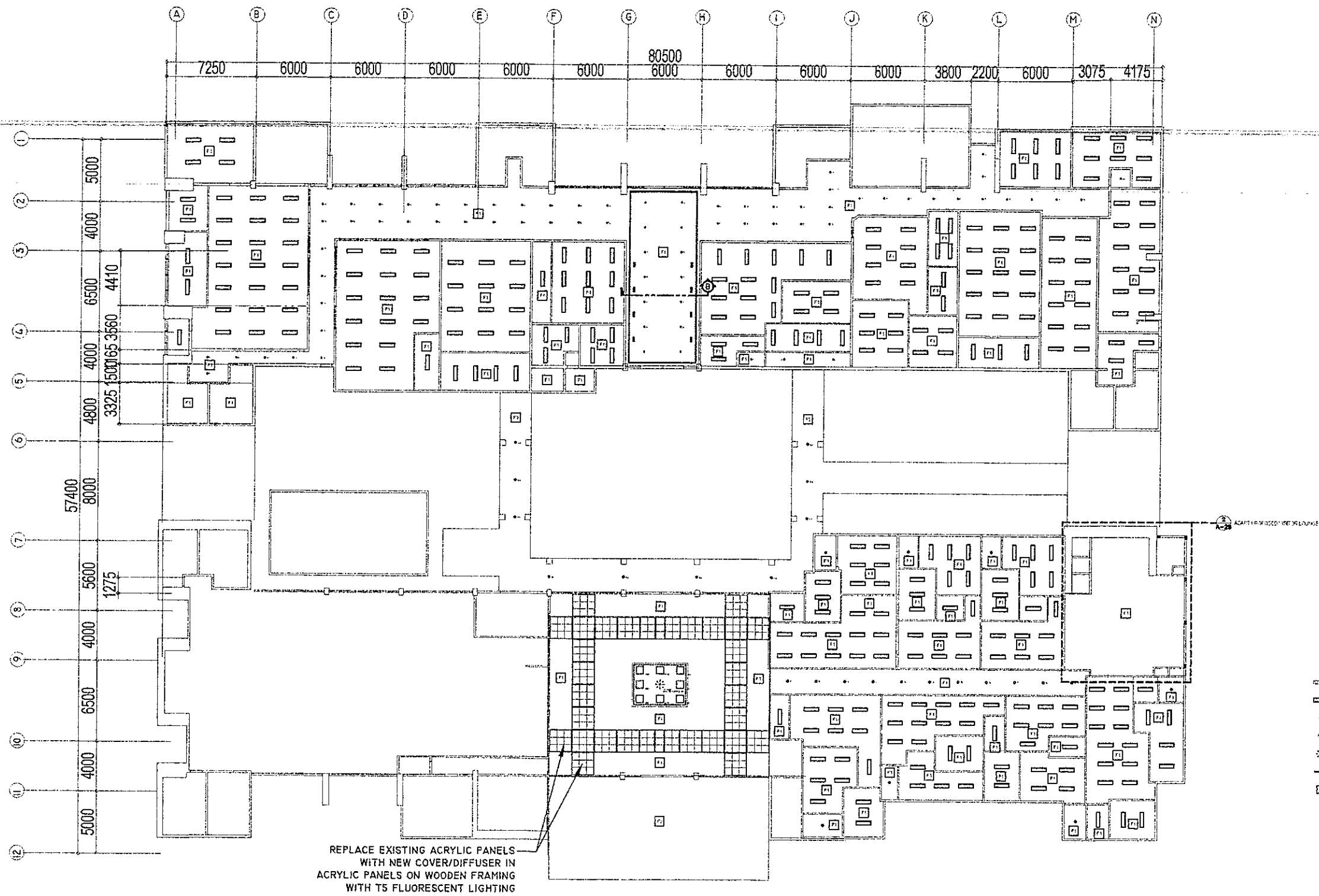
**RIZAL & ALONZO BUILDINGS EAVES
PROPOSED REFLECTED CEILING PLAN**

1
A-11

SCALE

1:100 M

<p>REPUBLIC OF THE PHILIPPINES DepED DEPARTMENT OF EDUCATION EMPOWERING EVERY LEARNER</p>	<p>DRAWN BY: <i>Camille Ann C. Raposa</i> CAMILLE ANN C. RAPOSA</p>	<p>CHECKED BY: <i>Jet Responde G. Ramos</i> JET RESPONDE G. RAMOS</p>	<p>RECOMMENDING APPROVAL: <i>Annabelle R. Bagan</i> ANNABELLE R. BAGAN</p>	<p>RECOMMENDING APPROVAL: <i>Robert M. Agustin</i> ROBERT M. AGUSTIN</p>	<p>APPROVED BY: <i>Nolasco A. Mempin</i> NOLASCO A. MEMPIN</p>	<p>PROJECT TITLE: REPAIR/RENOVATION OF ALONZO & RIZAL BUILDINGS OF DEPED CENTRAL OFFICE</p>	<p>PROJECT CODE: DATE: SHEET:</p>
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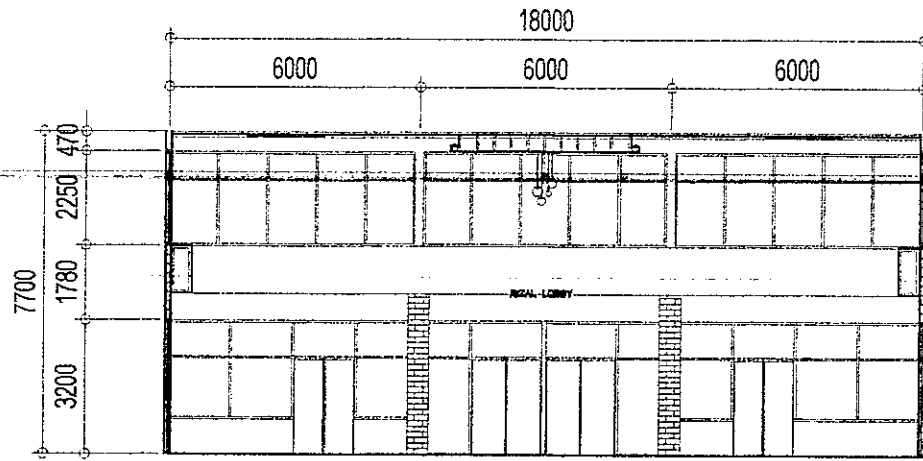


**RIZAL & ALONZO BUILDINGS
PROPOSED GROUND FLOOR REFLECTED CEILING PLAN**

1
A-12 SCALE

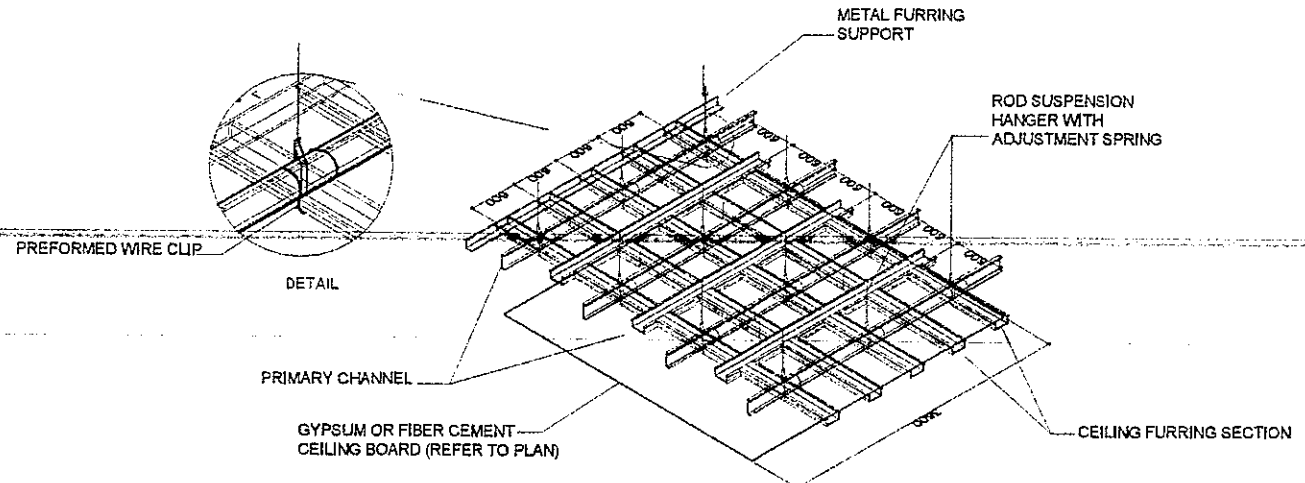
1:100 M

<p>REPUBLIC OF THE PHILIPPINES DepED DEPARTMENT OF EDUCATION DIVISION OFFICE - CALABARZON</p>	DRAWN BY : CAMILLE ANN C. ROSOSA	CHECKED BY : JET B. RAMOS	RECOMMENDING APPROVAL : ANNABELLE P. PAGAN	RECOMMENDING APPROVAL : ROBERT M. AGUSTIN	APPROVED BY : NOLASCO A. MAMPIN	PROJECT TITLE : REPAIR/RENOVATION OF ALONZO & RIZAL BUILDINGS OF DEPED CENTRAL OFFICE	PROJECT CODE :	OWNER : DEPARTMENT OF EDUCATION DepED	SHEET NO. : A-12 29
	SHEET CONTENTS :								



*VERIFY ACTUAL DIMENSIONS WITH EXISTING

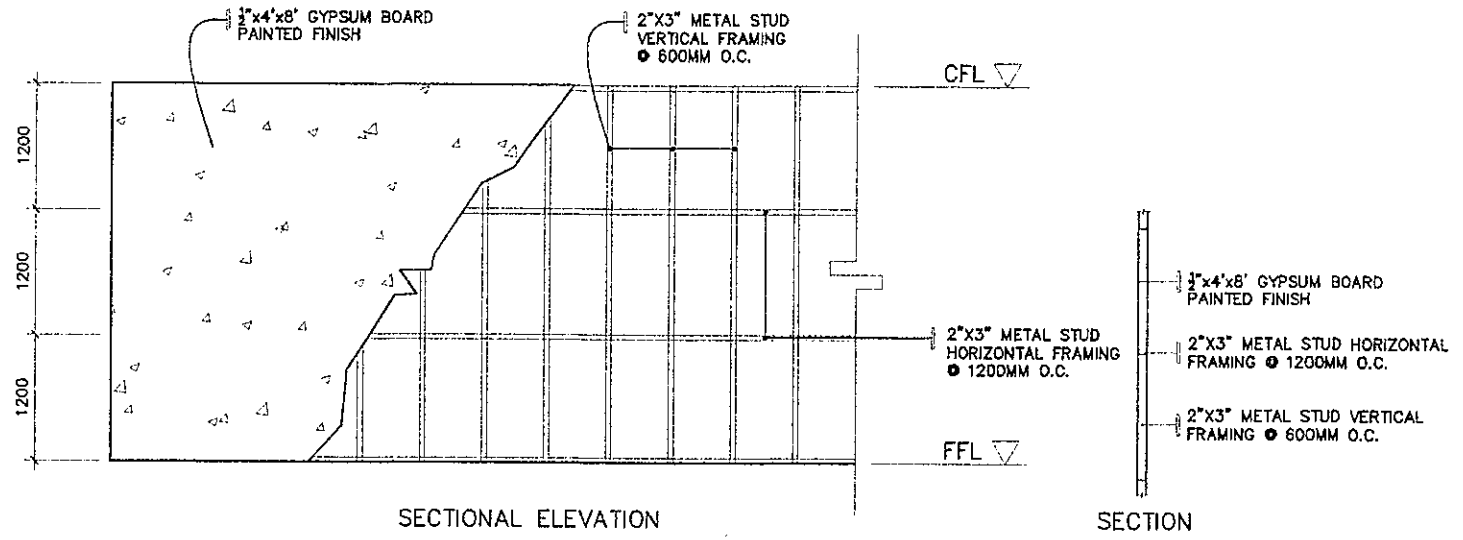
1 SECTION THRU A
A-14 SCALE 1:50 M



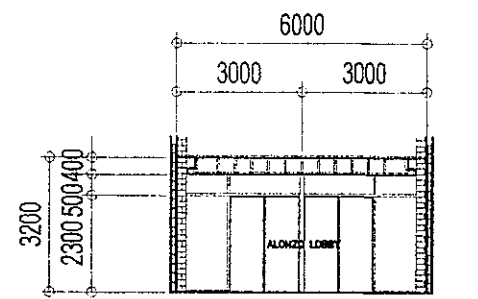
5 METAL FURRING DETAIL
A-14 SCALE NTS

MARK	
DESCRIPTION	ALONZO DOOR SCHEDULE
NO. OF SETS	1 SET
LOCATION	1st FLOOR

6 ALONZO DOOR SCHEDULE
A-14 SCALE 1:50 M

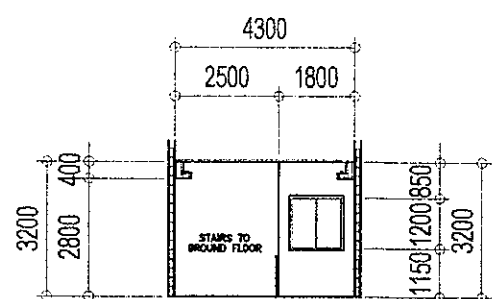


7 NEW DRYWALL DETAILS
A-14 SCALE NTS



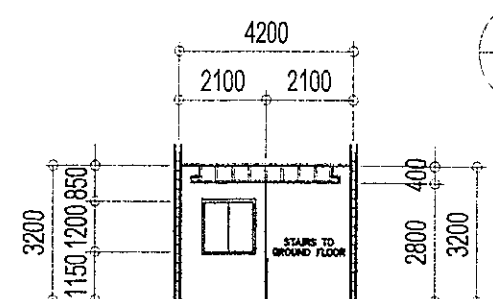
*VERIFY ACTUAL DIMENSIONS WITH EXISTING

2 SECTION THRU B
A-14 SCALE 1:50 M



*VERIFY ACTUAL DIMENSIONS WITH EXISTING

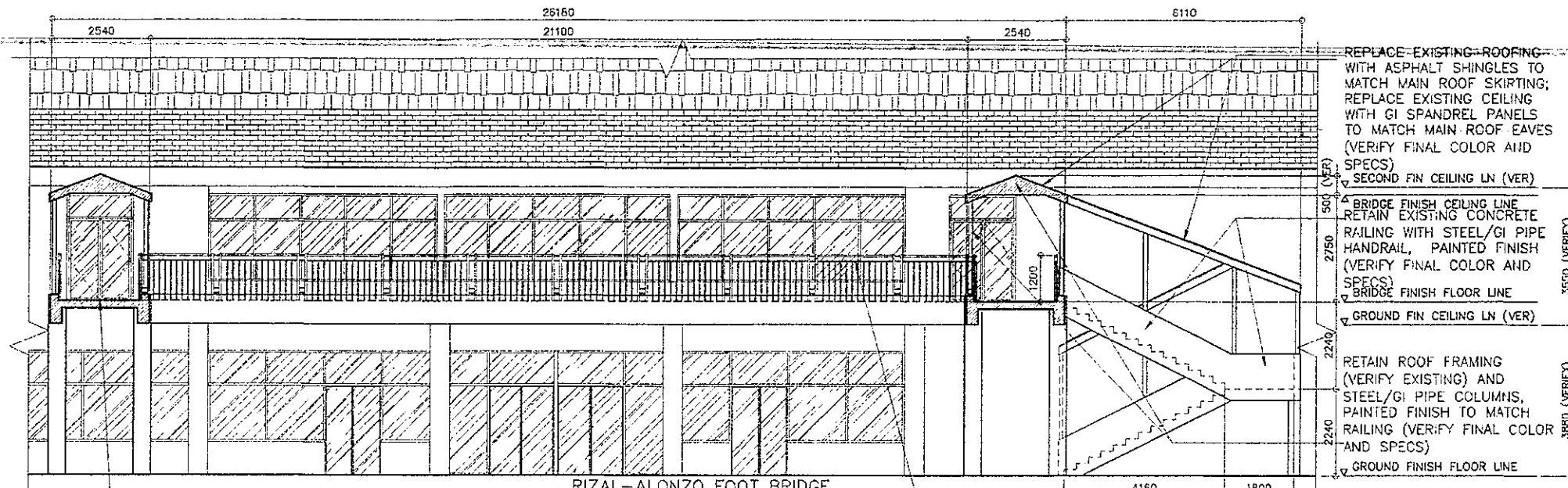
3 SECTION THRU C
A-14 SCALE 1:50 M



*VERIFY ACTUAL DIMENSIONS WITH EXISTING

4 SECTION THRU D
A-14 SCALE 1:50 M

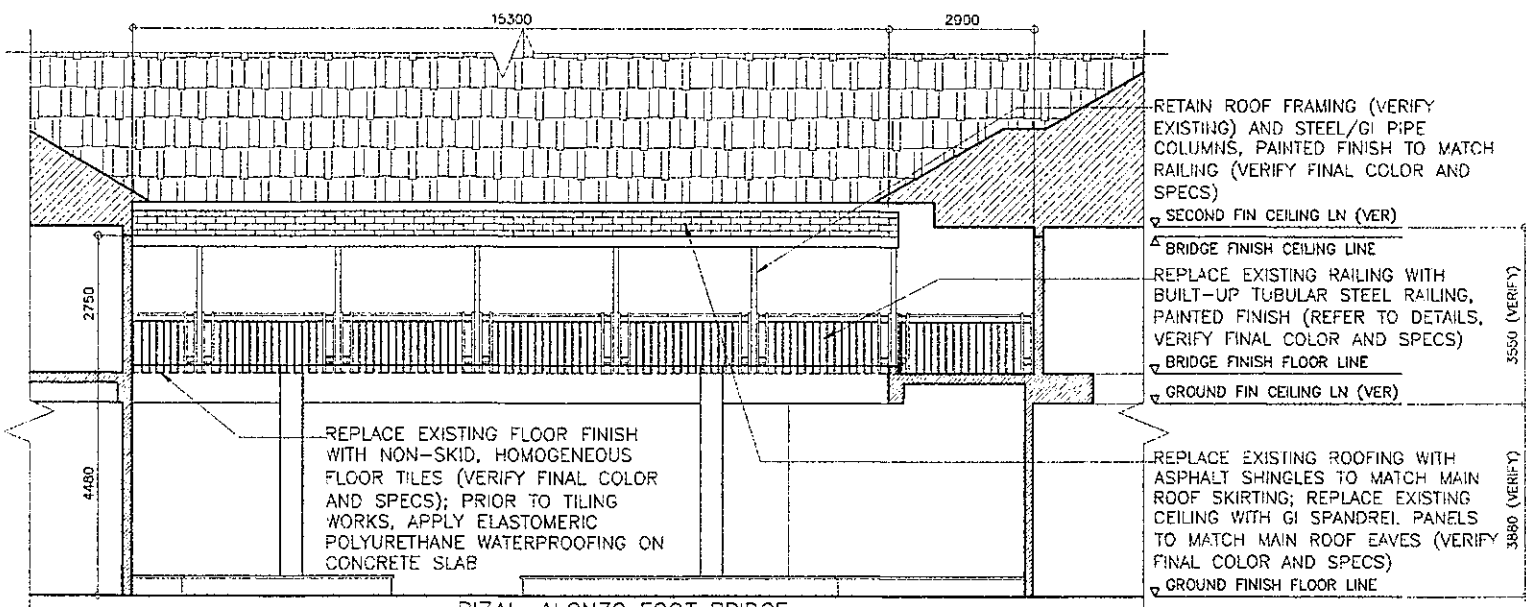
REPUBLIC OF THE PHILIPPINES DepED DEPARTMENT OF EDUCATION DIVISION OFFICE - CEBU	DRAWN BY: CAMILLE ANN C. RAPOSA ARCHITECT	CHECKED BY: JET RAYMOND G. ALONZO ARCHITECT	RECOMMENDING APPROVAL: ANNABELLE R. PANGAN ARCHITECT	RECOMMENDING APPROVAL: ROBERT M. AGUSTIN ARCHITECT	APPROVED BY: NOLASCO A. MEMPO ARCHITECT	PROJECT TITLE: REPAIR/RENOVATION OF ALONZO & RIZAL BUILDINGS OF DEPED CENTRAL OFFICE	PROJECT CODE: OWNER: DEPARTMENT OF EDUCATION DepED	SHEET NO.: A-14 29
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REPLACE EXISTING FLOOR FINISH WITH NON-SKID, HOMOGENEOUS FLOOR TILES (VERIFY FINAL COLOR AND SPECS); PRIOR TO TILING WORKS, APPLY ELASTOMERIC POLYURETHANE WATERPROOFING ON CONCRETE SLAB

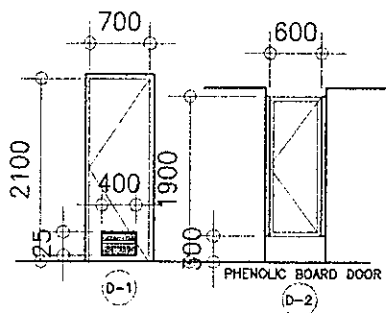
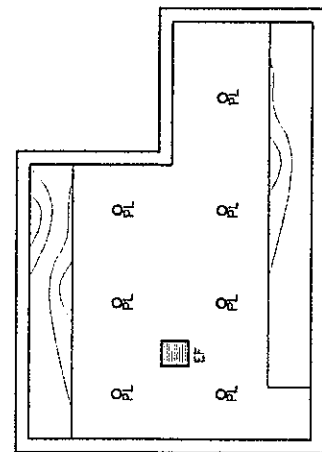
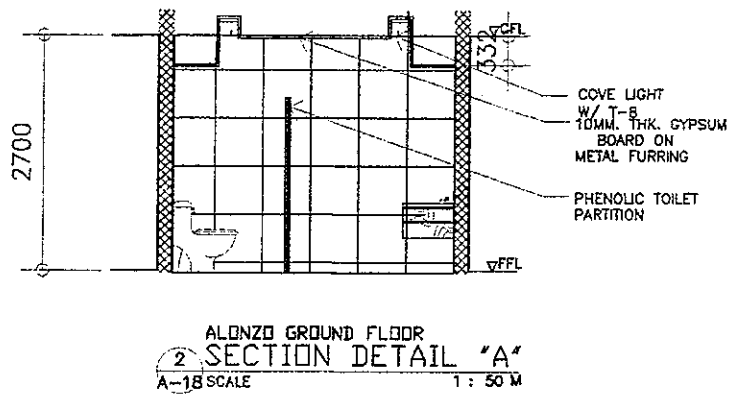
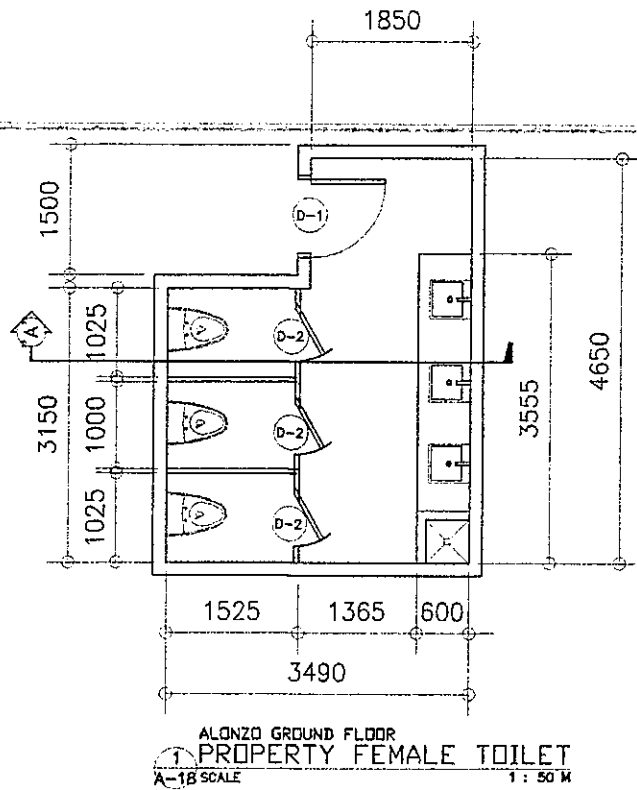
B
A-16
RIZAL-ALONZO FOOT BRIDGE
ELEVATION/SECTION
Scale: 1:150mts.

REPLACE EXISTING RAILING WITH BUILT-UP TUBULAR STEEL RAILING, PAINTED FINISH (REFER TO DETAILS, VERIFY FINAL COLOR AND SPECS)



C
A-16
RIZAL-ALONZO FOOT BRIDGE
ELEVATION/SECTION
Scale: 1:150mts.

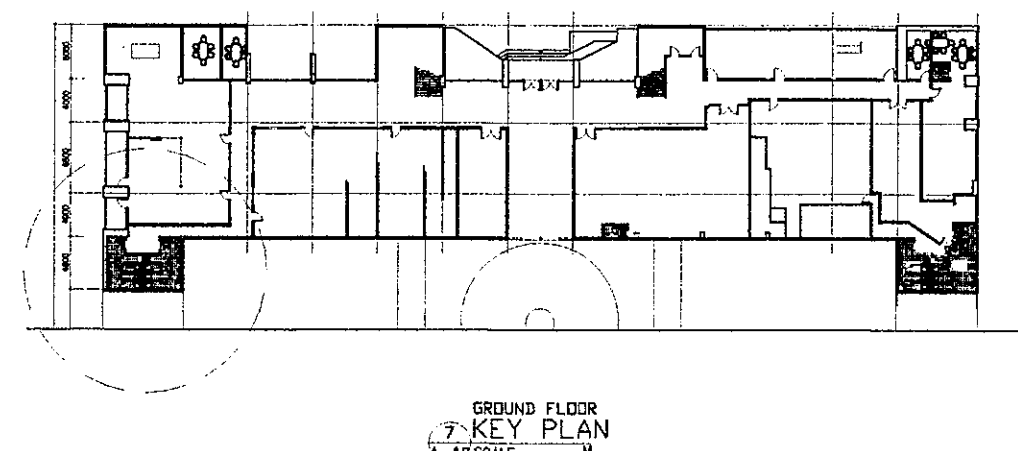
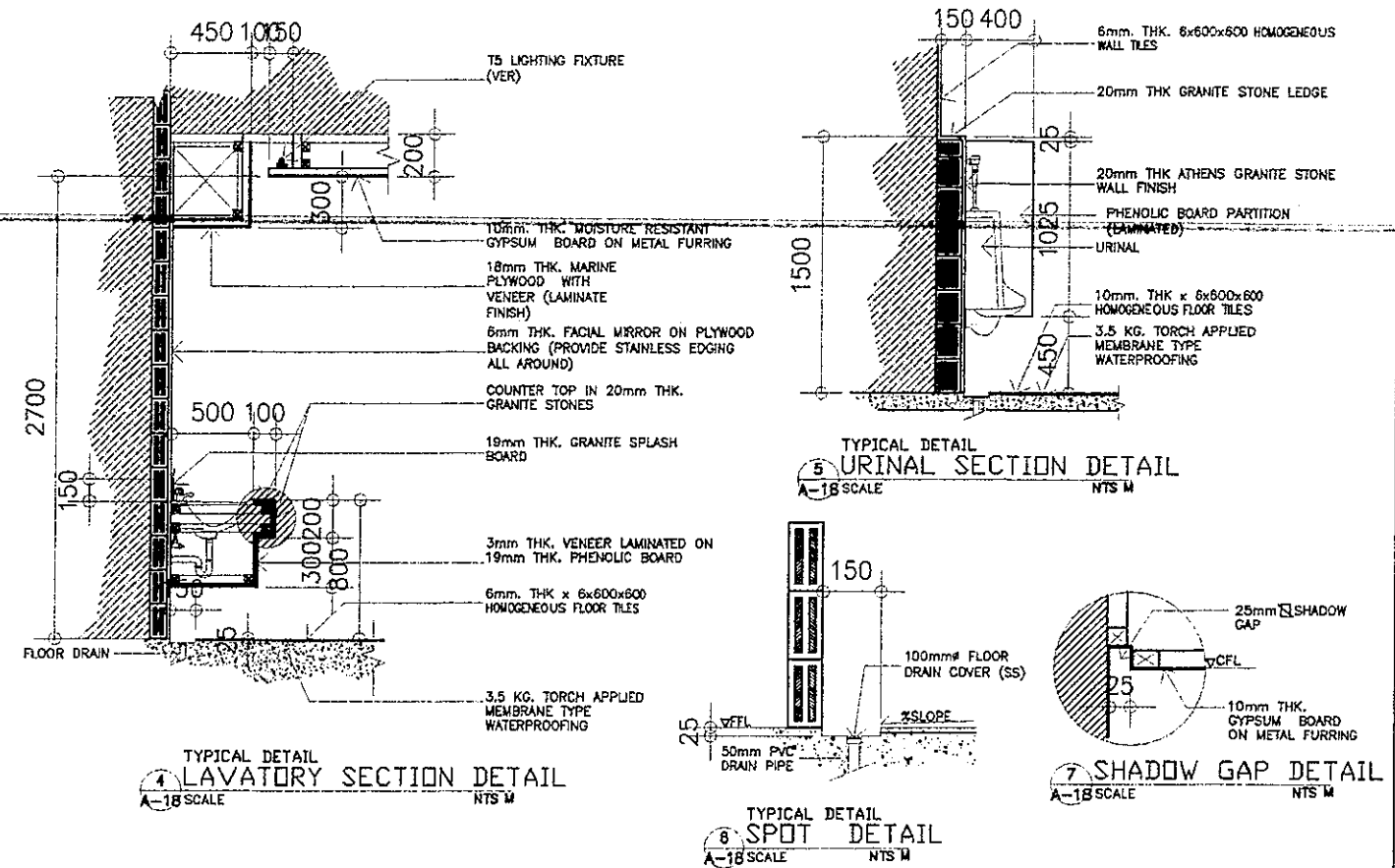
<p>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MERALCO AVENUE PASIG CITY</p>	<p>DESIGNED BY:</p> <p>REICHELLE S. PORMILDA TECHNICAL ASSISTANT III/ARCHITECT EPD-DepED</p>	<p>CHECKED BY:</p> <p>JET RAYMOND G. ALABASO PDO I/ARCHITECT EPD-DepED</p>	<p>RECOMMENDING APPROVAL:</p> <p>ANNABELLE M. PANGAN CHIEF, EPD DepED</p>	<p>RECOMMENDING APPROVAL:</p> <p>ROBERT M. AGUSTIN DIRECTOR III ADMINISTRATIVE SERVICE</p>	<p>APPROVED BY:</p> <p>NOLASCO A. MEMPIN UNDERSECRETARY OF ADMINISTRATION</p>	<p>PROJECT TITLE:</p> <p>REPAIR/RENOVATION OF ALONZO & RIZAL BUILDINGS OF DEPED CENTRAL OFFICE</p>	<p>PROJECT CODE:</p>	<p>OWNER:</p> <p>DEPARTMENT OF EDUCATION DepED</p>	<p>SHEET NO:</p> <p>A-16 29</p>
	<p>LOCATION: MERALCO AVENUE, PASIG CITY</p>						<p>SHEET CONTENTS:</p> <p>RIZAL-ALONZO BRIDGE FLOOR PLAN, ELEVATION/SECTIONS, DETAILS</p>		



- DOOR & HARDWARES**
- 1-HR. FIRE RATING METAL DOOR (LAQUER FINISH)
 - 4-PCS. (SS) DOOR HINGES
 - DOOR CLOSER
 - LEVER TYPE DOORKNOB
 - DOOR STOPPER

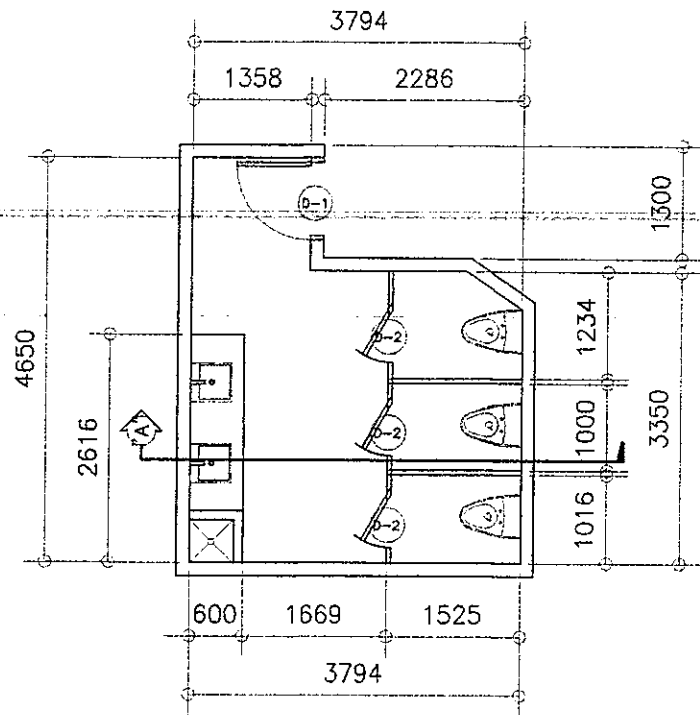
DOOR & HARDWARE SPECS.

- DOORKNOB
 - DOOR LEVER TYPE (DOORKNOB)
 - SATIN STAINLESS STEEL FINISH
 - FITS DOOR THICKNESS OF (1-3/8" - 1-3/4")
 - KEYPED ENTRY LEVER
- STAINLESS STEEL FULL MORTISE BUTT HINGE
 - SIZE (3"-1/2 x 3"x 3")
 - SATIN STAINLESS STEEL FINISH
- SURFACE MOUNTED DOOR CLOSER W/ UL OR EC CERTIFICATE
- DOOR STOPPER
 - (HALF MOON FLOOR DOOR STOP - BRUSHED STAINLESS STEEL FINISH)
 - (STAINLESS STEEL DOOR STOP WALL MOUNT BRUSHED FINISH)

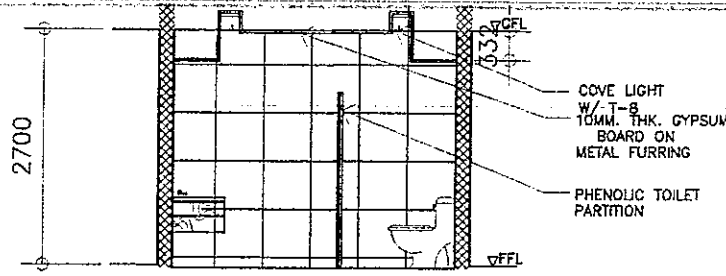


- NOTES:**
1. REMOVE/DEMOLISHED EXISTING CEILING INCLUDING FRAMES & ACCESSORIES.
 2. REMOVE EXISTING TOILET FIXTURES
 3. DEMOLISH EXISTING WALLS & FLOOR TILES
 4. DEMOLISH EXISTING FLOOR TOPPING AND WATER PROOFING (IF ANY)
 5. DEMOLISH CONCRETE LAVATORY COUNTER TOPS
 6. HAUL-OUT CONSTRUCTION DEBRIS
 7. RELAYOUT SANITARY/ PLUMBING LINE IN ACCORDANCE TO THE PROPOSED PIPING LAYOUT
 8. RECALCULATE ELECTRICAL LIGHTING LAYOUT
 9. CONSIDER TESTING & COMMISSIONING OF UTILITIES
 10. VERIFY LOCATION OF CEILING MANHOLE

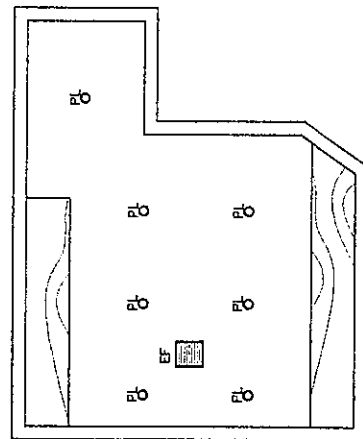
<p>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MERALCO AVENUE, PASIG CITY</p>	DRAWN BY: JUNELSON P. CULLADO CAD OPERATOR EFD-DepED	CHECKED BY: JET RAYMOND G. ALARICO PDD I/ARCHITECT EFD-DepED	RECOMMENDING APPROVAL: ANNABELLE R. PANSAN CHEF, EFD DepED	RECOMMENDING APPROVAL: ROBERT M. AGUSTIN DIRECTOR IV ADMINISTRATIVE SERVICE	APPROVED BY: NOLASCO A. MEMPIN UNDERSECRETARY FOR ADMINISTRATION DepED	PROJECT TITLE: REHABILITATION AND UPGRADING OF ALONZO BUILDING COMFORT ROOMS INCLUDING PLUMBING/ SANITARY LINES & FIXTURES COMFORT ROOMS	PROJECT CODE: 	OWNER: DEPARTMENT OF EDUCATION DepED	SHEET NO: A-18 29
	LOCATION: MERALCO AVE., PASIG CITY						SHEET CONTENTS: -PROPERTY FEMALE TOILET FLOOR PLAN -PROPERTY FEMALE TOILET REFLECTED CEILING PLAN -KEY PLAN & SPOT DETAILS		



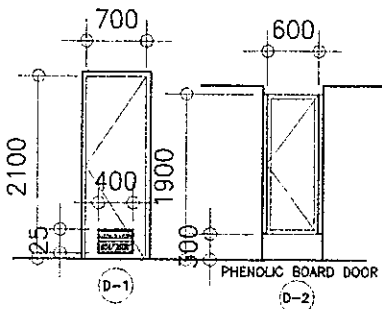
ALONZO GROUND FLOOR
RECORDS/GSD FEMALE TOILET
A-19 SCALE 1: 50 M



ALONZO GROUND FLOOR
SECTION DETAIL 'A'
A-19 SCALE 1: 50 M



ALONZO GROUND FLOOR
REFLECTED CEILING PLAN
A-19 SCALE 1: 50 M

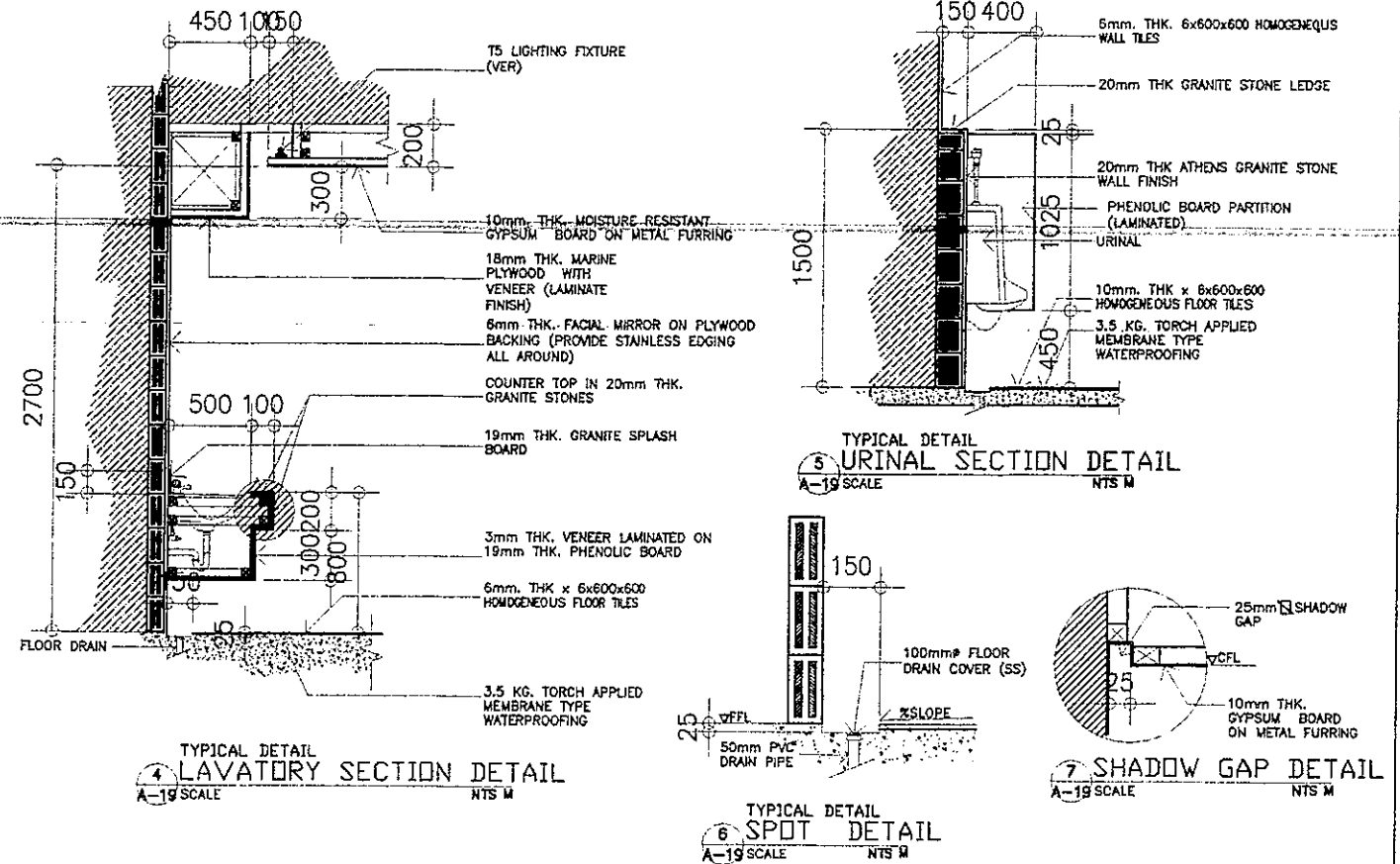


DOOR & HARDWARES

- 1-HR. FIRE RATING METAL DOOR (LAQUER FINISH)
- 4-PCS. (SS) DOOR HINGES
- DOOR CLOSER
- LEVER TYPE DOORKNOB
- DOOR STOPPER

DOOR & HARDWARE SPECS.

- DOORKNOB
 - DOOR LEVER TYPE (DOORKNOB)
 - SATIN STAINLESS STEEL FINISH
 - FITS DOOR THICKNESS OF (1-3/8"~ 1-3/4")
 - KEYED ENTRY LEVER
- STAINLESS STEEL FULL MORTISE BUTT HINGE
 - SIZE (3"-1/2 x 3" x 3/8")
 - SATIN STAINLESS STEEL FINISH
- SURFACE MOUNTED DOOR CLOSER W/ UL OR EC CERTIFICATE
- DOOR STOPPER
 - (HALF MOON FLOOR DOOR STOP-BRUSHED STAINLESS STEEL FINISH)
 - (STAINLESS STEEL DOOR STOP WALL MOUNT BRUSHED FINISH)

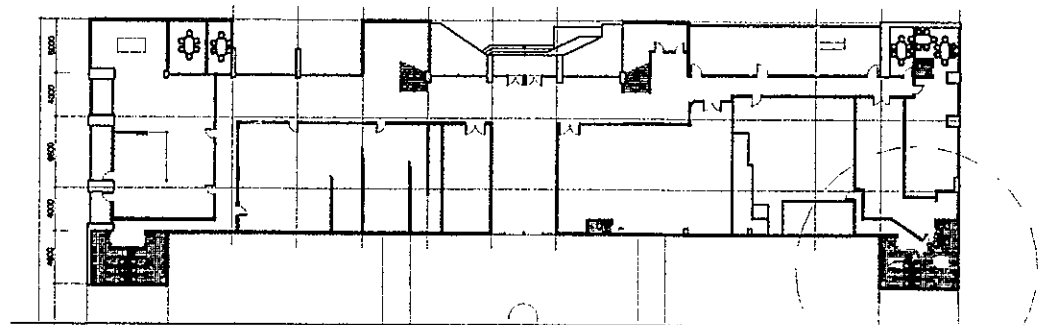


TYPICAL DETAIL
LAVATORY SECTION DETAIL
A-19 SCALE NTS M

TYPICAL DETAIL
URINAL SECTION DETAIL
A-19 SCALE NTS M

TYPICAL DETAIL
SPOT DETAIL
A-19 SCALE NTS M

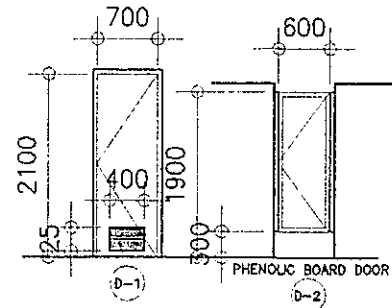
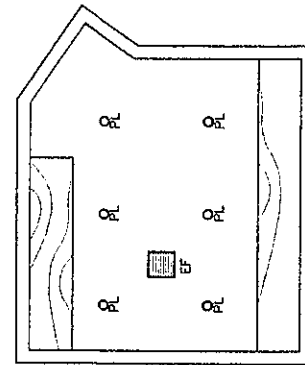
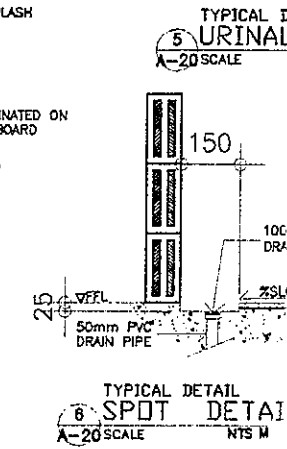
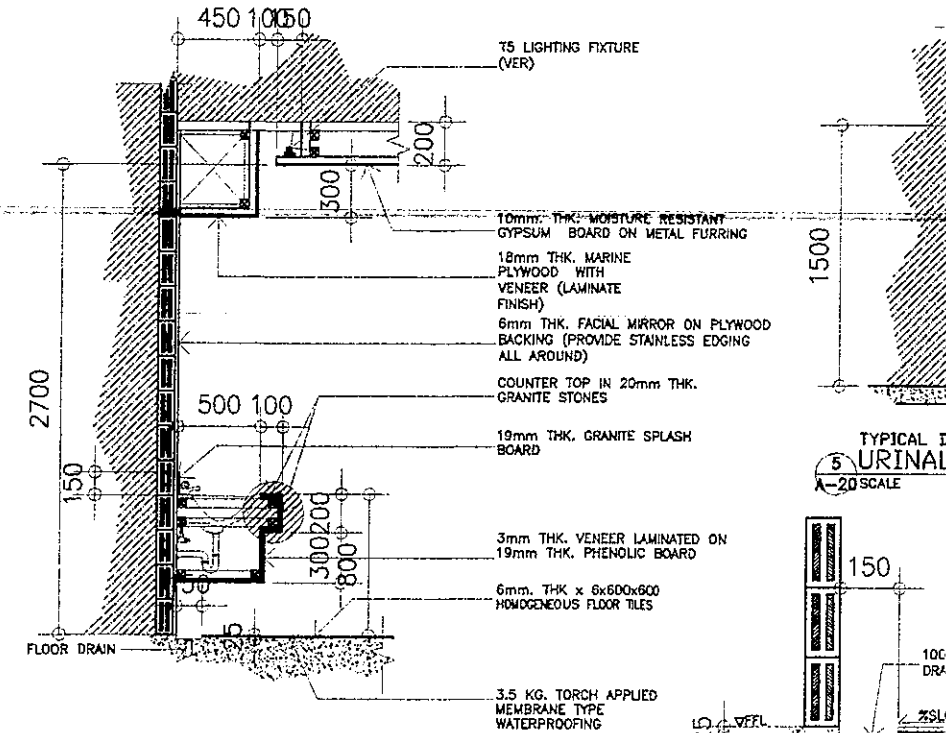
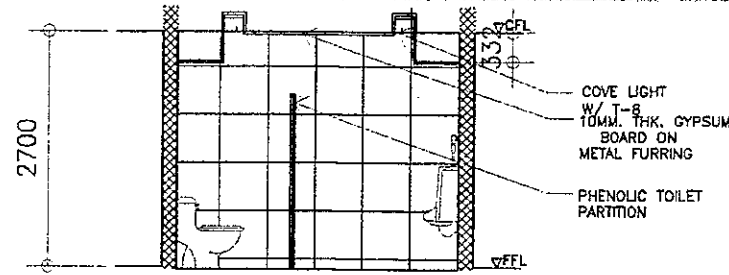
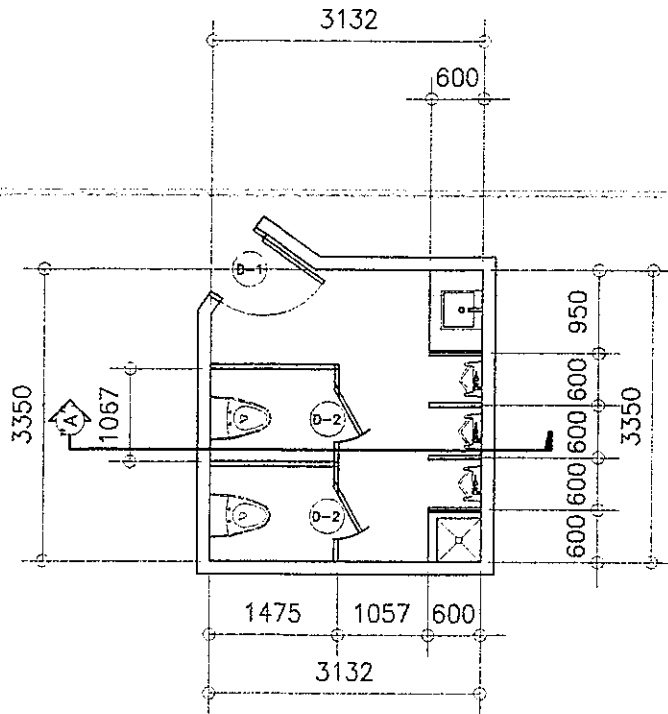
TYPICAL DETAIL
SHADOW GAP DETAIL
A-19 SCALE NTS M



GROUND FLOOR
KEY PLAN
A-19 SCALE M

- NOTES:
1. REMOVE/DEMOLISHED EXISTING CEILING INCLUDING FRAMES & ACCESSORIES.
 2. REMOVE EXISTING TOILET FIXTURES
 3. DEMOLISH EXISTING WALLS & FLOOR TILES
 4. DEMOLISH EXISTING FLOOR TOPPING AND WATER PROOFING (IF ANY)
 5. DEMOLISH CONCRETE LAVATORY COUNTER TOPS
 6. HAUL-OUT CONSTRUCTION DEBRIS
 7. RELAYOUT SANITARY/ PLUMBING LINE IN ACCORDANCE TO THE PROPOSED PIPING LAYOUT
 8. RELAYOUT ELECTRICAL LIGHTNING LAYOUT
 9. CONSIDER TESTING & COMMISSIONING OF UTILITIES
 10. VERIFY LOCATION OF CEILING MANHOLE

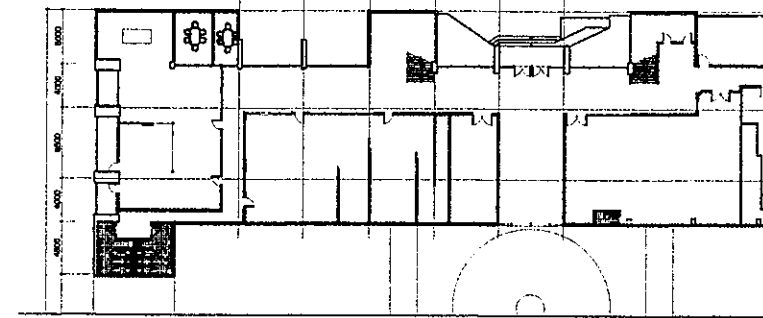
<p>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MERALCO AVENUE, PASIG CITY</p>	DRAWN BY : JUNELISON P. COLLADO CAD OPERATOR EFD-DepED	CHECKED BY : JET RAMON C. ALARICO PGO 1/ARCHITECT EFD-DepED	RECOMMENDING APPROVAL : ANNABELLE R. PANGAN CHIEF, EFD DepED	RECOMMENDING APPROVAL : ROBERT M. AGUSTIN DIRECTOR W ADMINISTRATIVE SERVICE	APPROVED BY : NOLASCO A. MEMPIN UNDERSECRETARY FOR ADMINISTRATION DepED	PROJECT TITLE : REHABILITATION AND UPGRADING OF ALONZO BUILDING COMFORT ROOMS INCLUDING PLUMBING/ SANITARY LINES & FIXTURES COMFORT ROOMS	PROJECT CODE :	OWNER : DEPARTMENT OF EDUCATION DepED	SHEET NO.: A-19 29
	LOCATION : MERALCO AVE., PASIG CITY						SHEET CONTENTS : -RECORDS/GSD FEMALE TOILET FLOOR PLAN -RECORDS/GSD FEMALE TOILET REFLECTED CEILING PLAN -KEY PLAN & SPOT DETAILS		



DOOR & HARDWARE SPECS.

- 1-HR. FIRE RATING METAL DOOR (LAQUER FINISH)
- 4-PCS. (SS) DOOR HINGES
- DOOR CLOSER
- LEVER TYPE DOORKNOB
- DOOR STOPPER

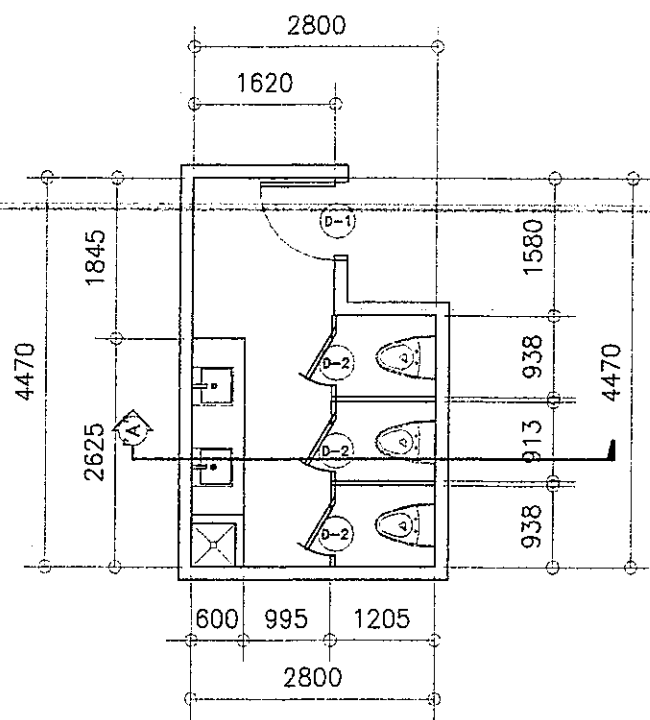
- DOORKNOB
 - DOOR LEVER TYPE (DOORKNOB)
 - SATIN STAINLESS STEEL FINISH
 - FITS DOOR THICKNESS OF (1-3/8"~ 1-3/4")
 - KEYED ENTRY LEVER
- STAINLESS STEEL FULL MORTISE BUTT HINGE
 - SIZE (3"-1/2 x 3" x 3/4")
 - SATIN STAINLESS STEEL FINISH
- SURFACE MOUNTED DOOR CLOSER W/ UL OR EC CERTIFICATE
- DOOR STOPPER
 - (HALF MOON FLOOR DOOR STOP-BRUSHED STAINLESS STEEL FINISH)
 - (STAINLESS STEEL DOOR STOP WALL MOUNT BRUSHED FINISH)



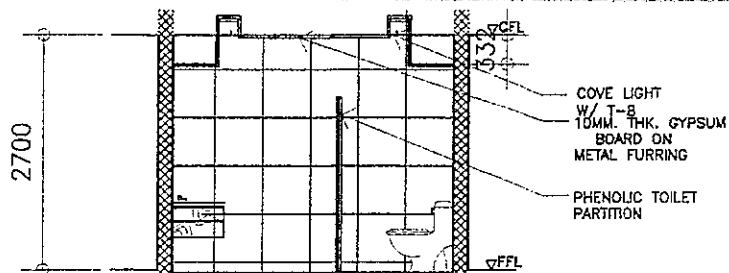
NOTES:

1. REMOVE/DEMOLISHED EXISTING CEILING INCLUDING FRAMES & ACCESSORIES.
2. REMOVE EXISTING TOILET FIXTURES
3. DEMOLISH EXISTING WALLS & FLOOR TILES
4. DEMOLISH EXISTING FLOOR TOPPING AND WATER PROOFING (IF ANY)
5. DEMOLISH CONCRETE LAVATORY COUNTER TOPS
6. HAUL-OUT CONSTRUCTION DEBRIS
7. RELAYOUT SANITARY/ PLUMBING LINE IN ACCORDANCE TO THE PROPOSED PIPING LAYOUT
8. RELAYOUT ELECTRICAL LIGHTNING LAYOUT
9. CONSIDER TESTING & COMMISSIONING OF UTILITIES
10. VERIFY LOCATION OF CEILING MANHOLE

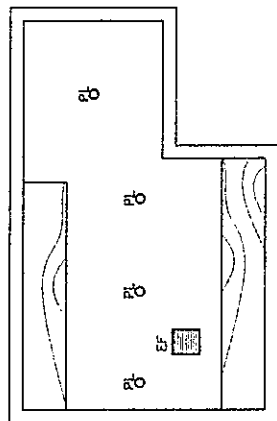
REPUBLIC OF THE PHILIPPINES DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MERALCO AVENUE, PASIG CITY	DRAWN BY: JUNELSON P. CULLADO CAD OPERATOR EFD-DepEd	CHECKED BY: JET RAYMOND G. ALABASO PDD I/ARCHITECT EFD-DepEd	RECOMMENDING APPROVAL: ANNABELLE R. PANAN CHIEF, EFD DepEd	RECOMMENDING APPROVAL: ROBERT M. AGUSTIN DIRECTOR IV ADMINISTRATIVE SERVICE	APPROVED BY: NOLASCO A. MEMPIN UNDERSECRETARY FOR ADMINISTRATION DepEd	PROJECT TITLE: REHABILITATION AND UPGRADING OF ALONZO BUILDING COMFORT ROOMS INCLUDING PLUMBING/ SANITARY LINES & FIXTURES COMFORT ROOMS	PROJECT CODE:
	LOCATION: MERALCO AVE., PASIG CITY						



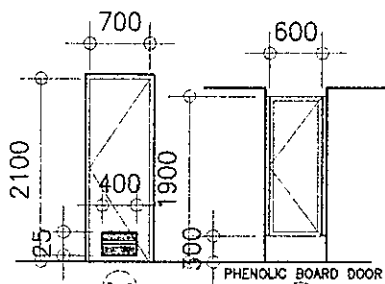
ALONZO SECOND FLOOR
PLANNING FEMALE TOILET
A-21 SCALE 1:50 M



ALONZO SECOND FLOOR
SECTION DETAIL 'A'
A-21 SCALE 1:50 M



ALONZO SECOND FLOOR
REFLECTED CEILING PLAN
A-21 SCALE 1:50 M

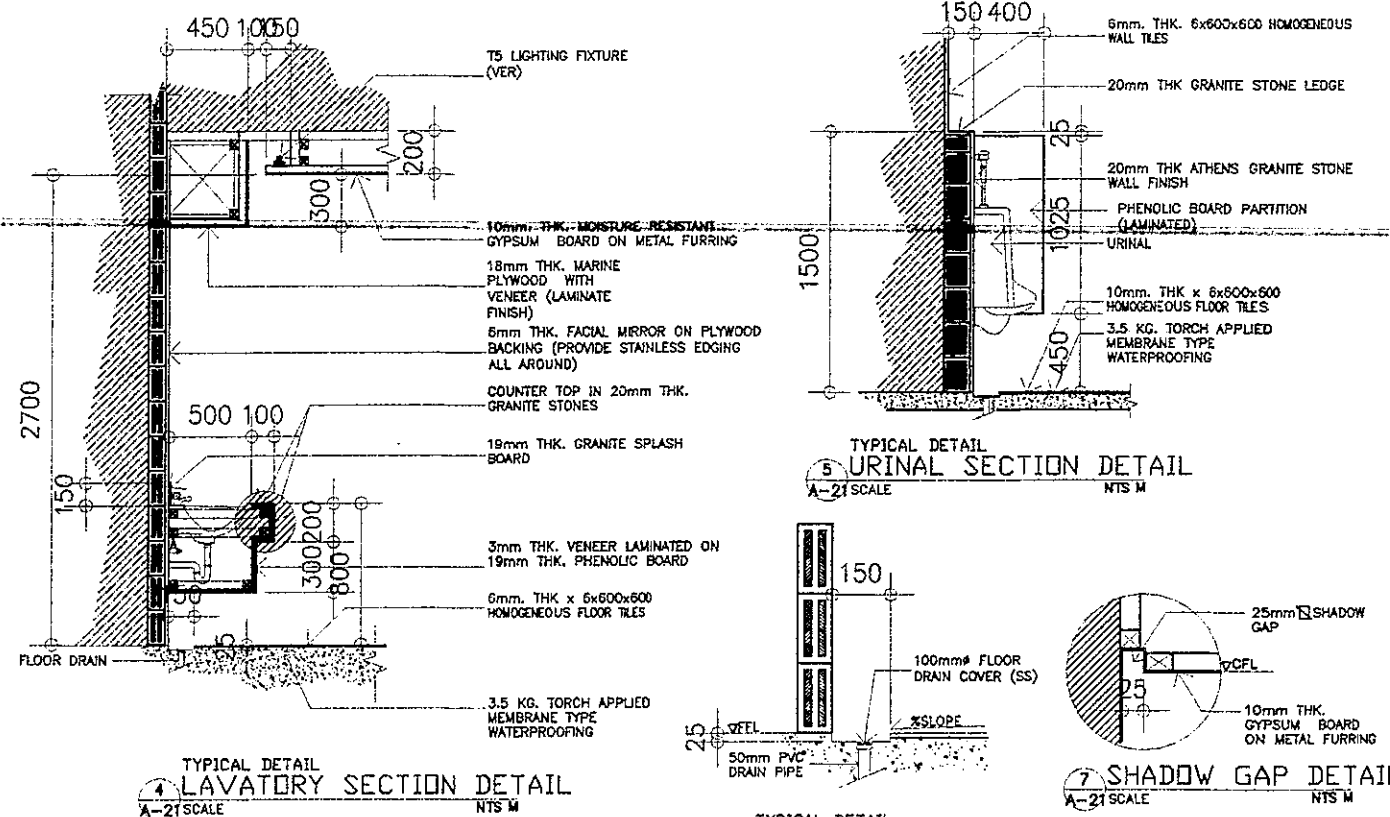


DOOR & HARDWARES

1. 1-HR. FIRE RATING METAL DOOR (LAQUER FINISH)
2. 4-PCS. (SS) DOOR HINGES
3. DOOR CLOSER
4. LEVER TYPE DOORKNOB
5. DOOR STOPPER

DOOR & HARDWARE SPECS.

- DOORKNOB
 - DOOR LEVER TYPE (DOORKNOB)
 - SATIN STAINLESS STEEL FINISH
 - FITS DOOR THICKNESS OF (1-3/8" ~ 1-3/4")
 - KEYED ENTRY LEVER
- STAINLESS STEEL FULL MORTISE BUTT HINGE
 - SIZE (3"-1/2 x 3 x 3)
 - SATIN STAINLESS STEEL FINISH
- SURFACE MOUNTED DOOR CLOSER W/ UL OR EC CERTIFICATE
- DOOR STOPPER
 - (HALF MOON) FLOOR DOOR STOP-BRUSHED (STAINLESS STEEL FINISH)
 - (STAINLESS STEEL DOOR STOP WALL MOUNT BRUSHED FINISH)

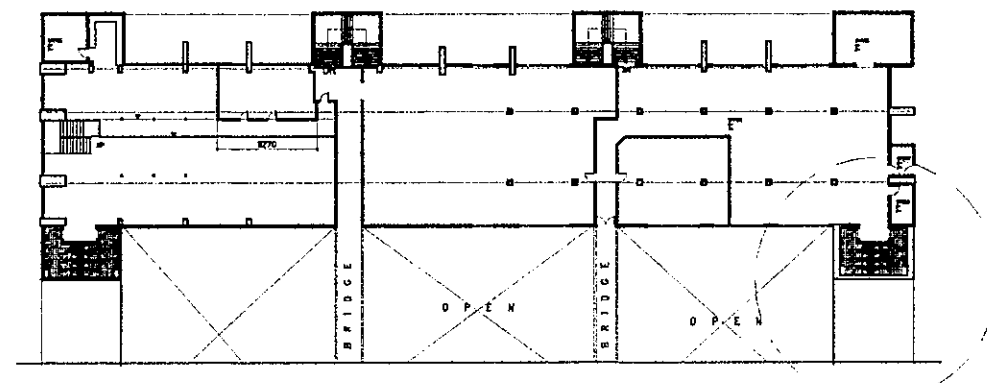


TYPICAL DETAIL
LAVATORY SECTION DETAIL
A-21 SCALE NTS M

TYPICAL DETAIL
URINAL SECTION DETAIL
A-21 SCALE NTS M

TYPICAL DETAIL
SPOT DETAIL
A-21 SCALE NTS M

TYPICAL DETAIL
SHADOW GAP DETAIL
A-21 SCALE NTS M

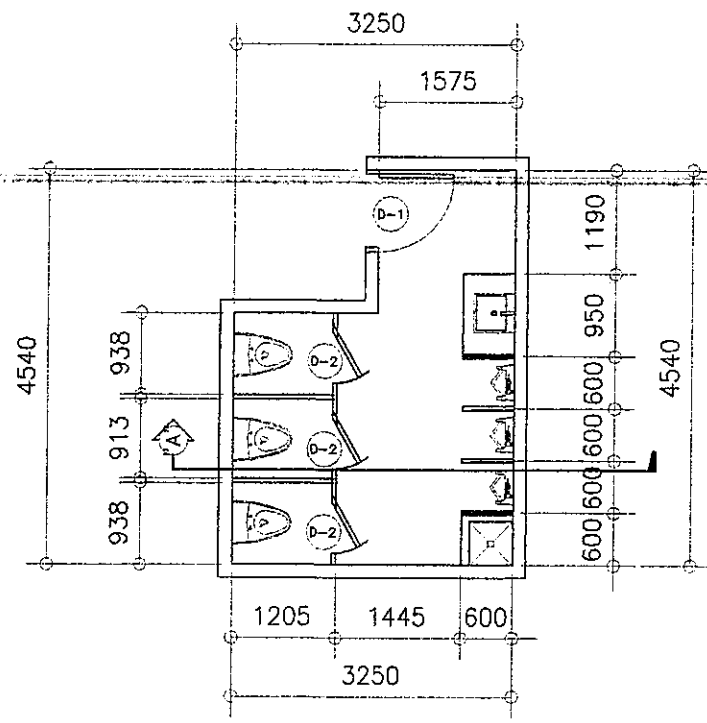


SECOND FLOOR
KEY PLAN
A-21 SCALE M

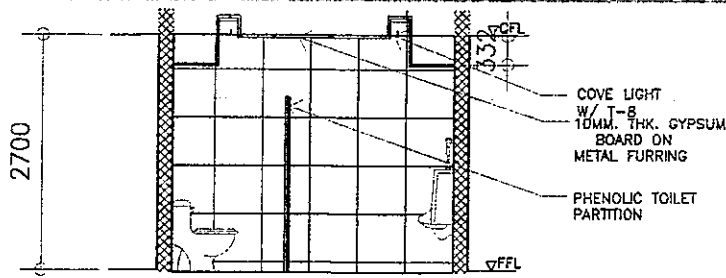
NOTES:

1. REMOVE/DEMOLISHED EXISTING CEILING INCLUDING FRAMES & ACCESSORIES
2. REMOVE EXISTING TOILET FIXTURES
3. DEMOLISH EXISTING WALLS & FLOOR TILES
4. DEMOLISH EXISTING FLOOR TOPPING AND WATER PROOFING (IF ANY)
5. DEMOLISH CONCRETE LAVATORY COUNTER TOPS
6. HAUL-OUT CONSTRUCTION DEBRIS
7. RELAYOUT SANITARY/ PLUMBING LINE IN ACCORDANCE TO THE PROPOSED PIPING LAYOUT
8. RELAYOUT ELECTRICAL LIGHTNING LAYOUT
9. CONSIDER TESTING & COMMISSIONING OF UTILITIES
10. VERIFY LOCATION OF CEILING MANHOLE

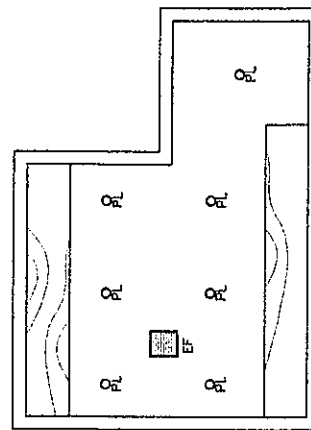
REPUBLIC OF THE PHILIPPINES DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MERALCO AVENUE, PASIG CITY	DRAWN BY: JUNELSON P. BULLADO CAD OPERATOR EFD-DepED	CHECKED BY: JEM RAYMOND G. ALABASO PEO 1/ARCHITECT EFD-DepED	RECOMMENDING APPROVAL: ANNABELLE R. PANAN CHIEF, EFD DepED	RECOMMENDING APPROVAL: ROBERT M. AGUSTIN DIRECTOR M ADMINISTRATIVE SERVICE	APPROVED BY: NOLASCO A. NIEMPIN UNDERSECRETARY FOR ADMINISTRATION DepED	PROJECT TITLE: REHABILITATION AND UPGRADING OF ALONZO BUILDING COMFORT ROOMS INCLUDING PLUMBING/ SANITARY LINES & FIXTURES COMFORT ROOMS	PROJECT CODE: 	OWNER: DEPARTMENT OF EDUCATION DepED	SHEET NO.: A-21 29
	LOCATION: MERALCO AVE., PASIG CITY						SHEET CONTENTS: -PLANNING FEMALE TOILET FLOOR PLAN -PLANNING FEMALE TOILET REFLECTED CEILING PLAN -KEY PLAN & SPOT DETAILS		



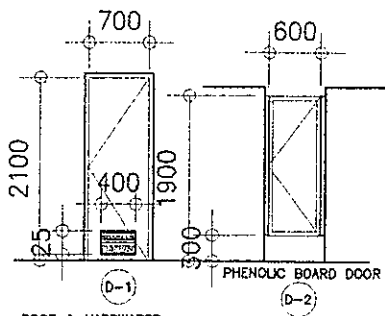
ALONZO SECOND FLOOR
PLANNING MALE TOILET
A-22 SCALE 1: 50 M



ALONZO SECOND FLOOR
SECTION DETAIL "A"
A-22 SCALE 1: 50 M



ALONZO SECOND FLOOR
REFLECTED CEILING PLAN
A-22 SCALE 1: 50 M

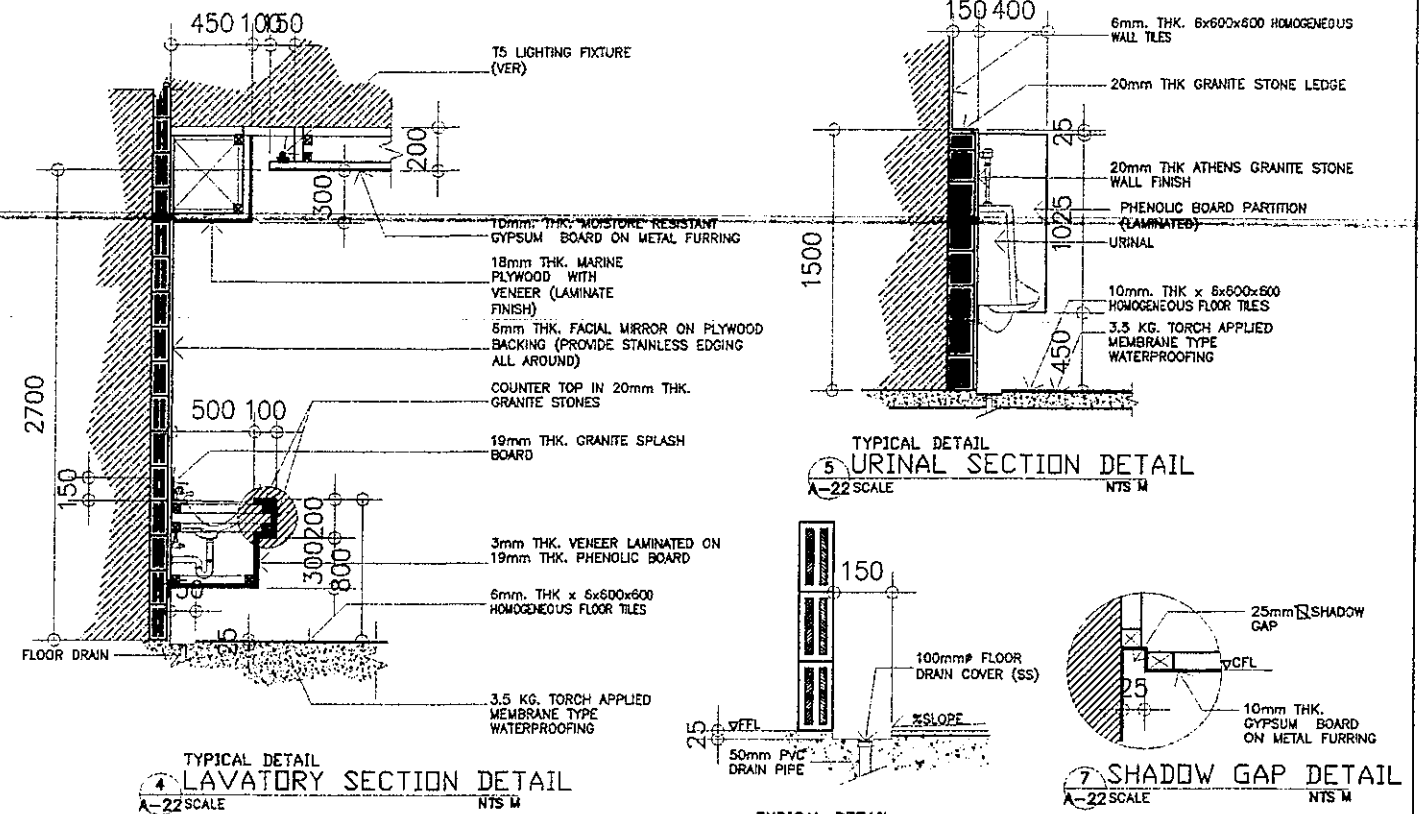


DOOR & HARDWARES

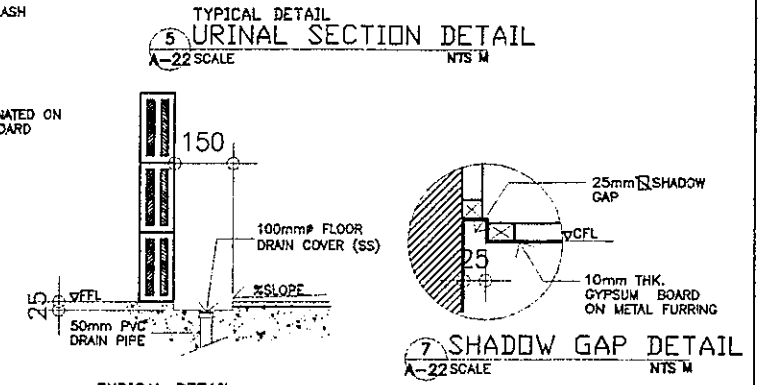
1. 1-HR. FIRE RATING METAL DOOR (LAQUER FINISH)
2. 4-POS. (SS) DOOR HINGES
3. DOOR CLOSER
4. LEVER TYPE DOORKNOB
5. DOOR STOPPER

DOOR & HARDWARE SPECS.

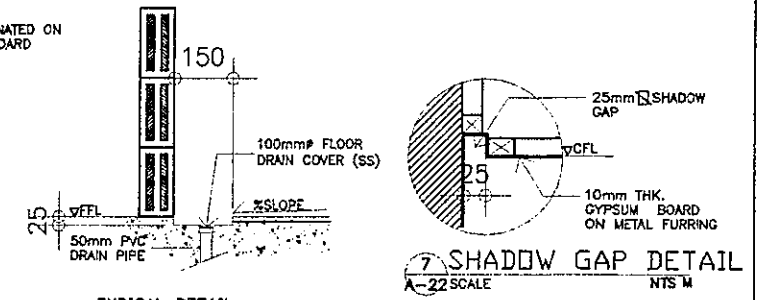
- DOORKNOB
 - DOOR LEVER TYPE (DOORKNOB)
 - SATIN STAINLESS STEEL FINISH
 - FITS DOOR THICKNESS OF (1-3/8"~ 1-3/4")
 - KEYED ENTRY LEVER
- STAINLESS STEEL FULL MORTISE BUTT HINGE
 - SIZE (3"-1/2 x 3"x 1/2)
 - SATIN STAINLESS STEEL FINISH
- SURFACE MOUNTED DOOR CLOSER W/ UL OR EC CERTIFICATE
- DOOR STOPPER
 - (HALF MOON FLOOR DOOR STOP-BRUSHED STAINLESS STEEL FINISH)
 - (STAINLESS STEEL DOOR STOP WALL MOUNT BRUSHED FINISH)



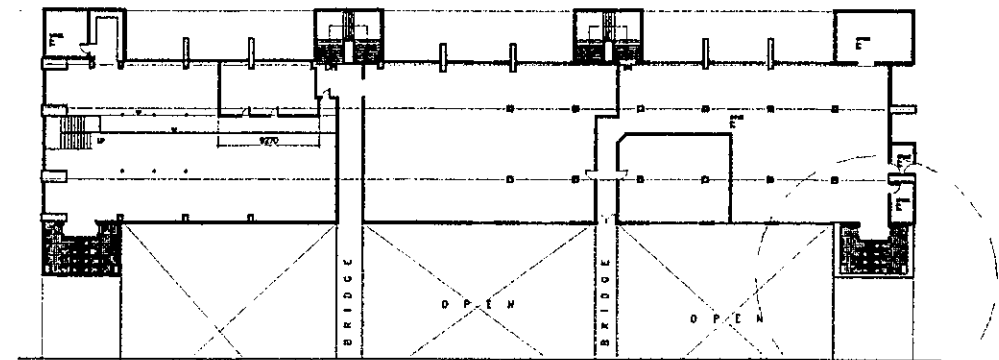
TYPICAL DETAIL
LAVATORY SECTION DETAIL
A-22 SCALE NTS M



TYPICAL DETAIL
URINAL SECTION DETAIL
A-22 SCALE NTS M



TYPICAL DETAIL
SPOT DETAIL
A-22 SCALE NTS M

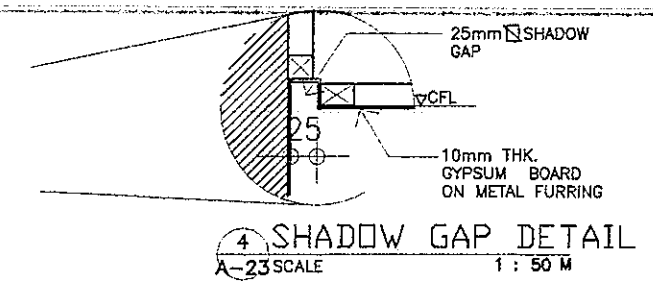
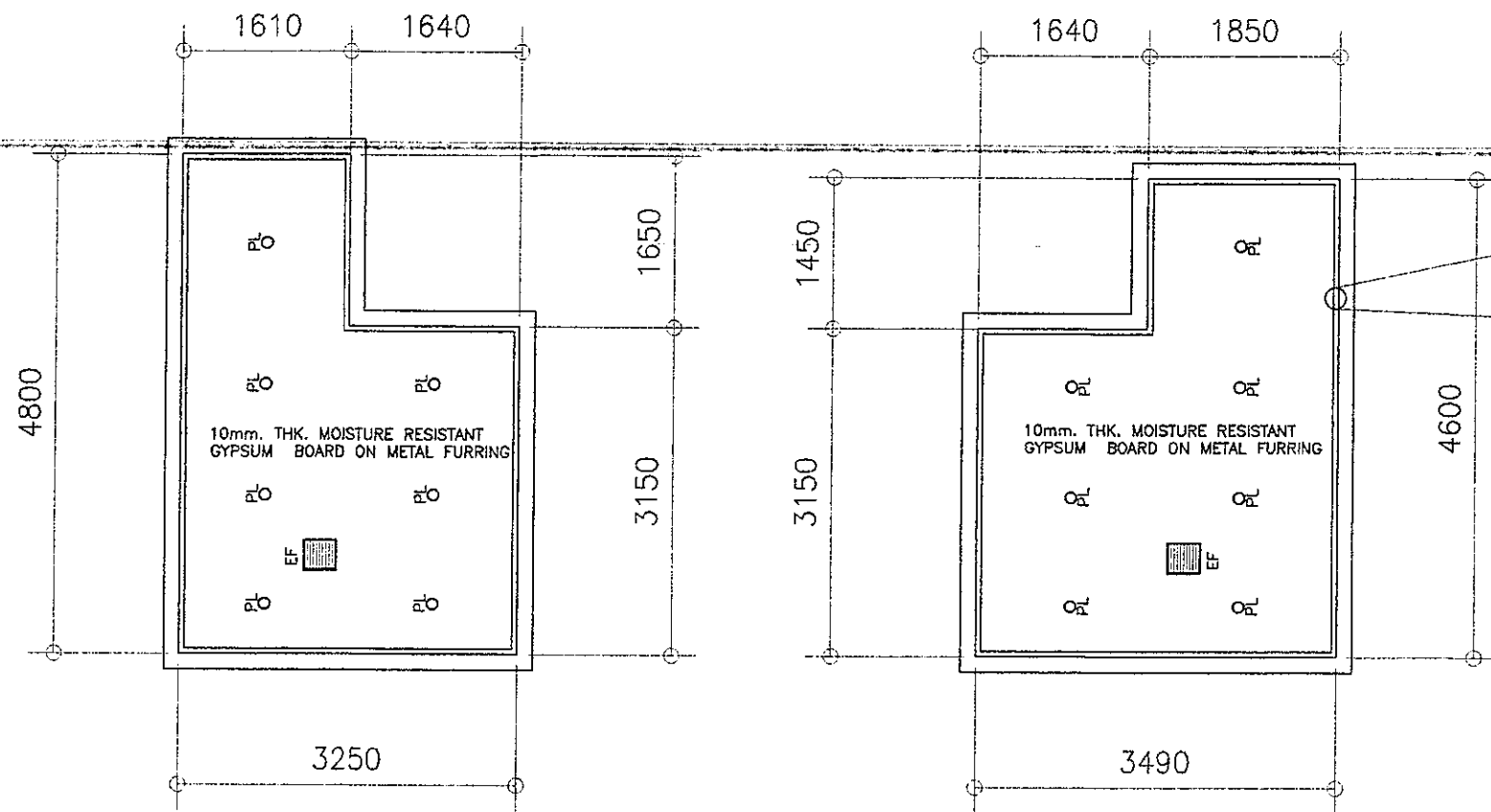


GROUND FLOOR
KEY PLAN
A-22 SCALE M

NOTES:

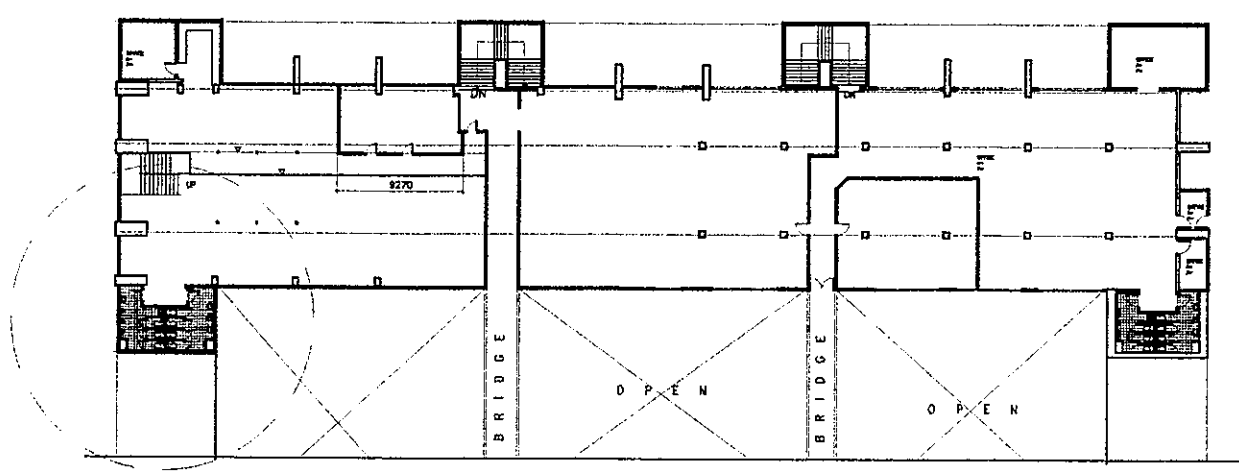
1. REMOVE/DEMOLISHED EXISTING CEILING INCLUDING FRAMES & ACCESSORIES.
2. REMOVE EXISTING TOILET FIXTURES
3. DEMOLISH EXISTING WALLS & FLOOR TILES
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6. HAUL-OUT CONSTRUCTION DEBRIS
7. RELAYOUT SANITARY/ PLUMBING LINE IN ACCORDANCE TO THE PROPOSED PIPING LAYOUT
8. RELAYOUT ELECTRICAL LIGHTNING LAYOUT
9. CONSIDER TESTING & COMMISSIONING OF UTILITIES
10. VERIFY LOCATION OF CEILING MAN-HOLE

REPUBLIC OF THE PHILIPPINES DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MERALCO AVENUE, PASIG CITY	DRAWN BY : JUNELSON P. CULLADO CAD OPERATOR EFD-DepED	CHECKED BY : JET RAYMOND G. ALBASO POO 1/ARCHITECT EFD-DepED	RECOMMENDING APPROVAL : ANNABELLE A. PANGAN CHIEF, EFD DepED	RECOMMENDING APPROVAL : ROBERT M. AGUSTIN DIRECTOR IV ADMINISTRATIVE SERVICE	APPROVED BY : NOLASCO A. MEMPIN UNDERSECRETARY FOR ADMINISTRATION DepED	PROJECT TITLE : REHABILITATION AND UPGRADING OF ALONZO BUILDING COMFORT ROOMS INCLUDING PLUMBING/ SANITARY LINES & FIXTURES COMFORT ROOMS LOCATION : MERALCO AVE., PASIG CITY	PROJECT CODE : OWNER : DEPARTMENT OF EDUCATION DepED	SHEET NO. : A-22 29
	SHEET CONTENTS : -PLANNING MALE TOILET FLOOR PLAN -PLANNING MALE TOILET REFLECTED CEILING PLAN -KEY PLAN & SPOT DETAILS							



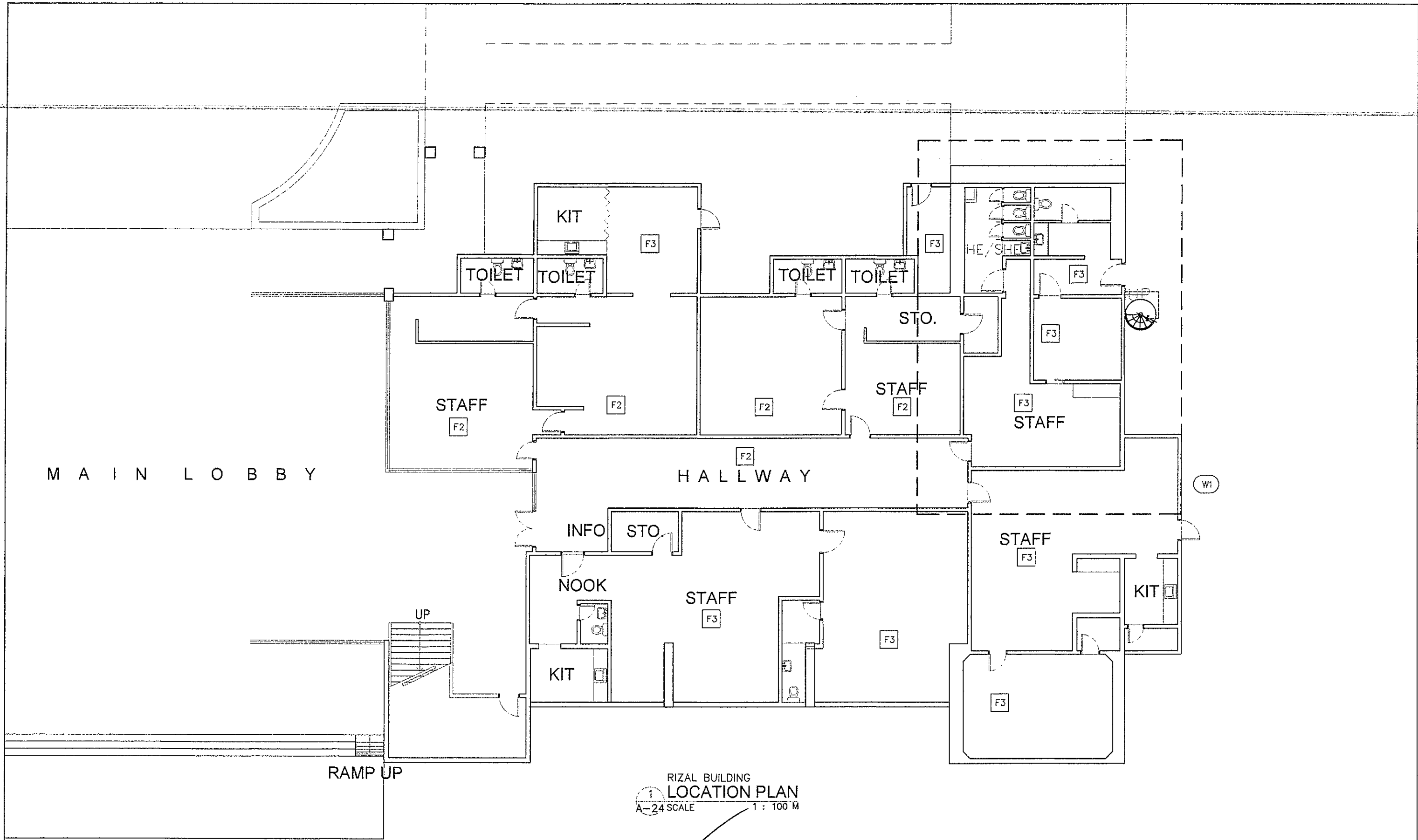
1 ACCOUNTING MALE SECOND FLOOR REFLECTED CEILING PLAN
A-23 SCALE 1 : 50 M

2 ACCOUNTING FEMALE SECOND FLOOR REFLECTED CEILING PLAN
A-23 SCALE 1 : 50 M



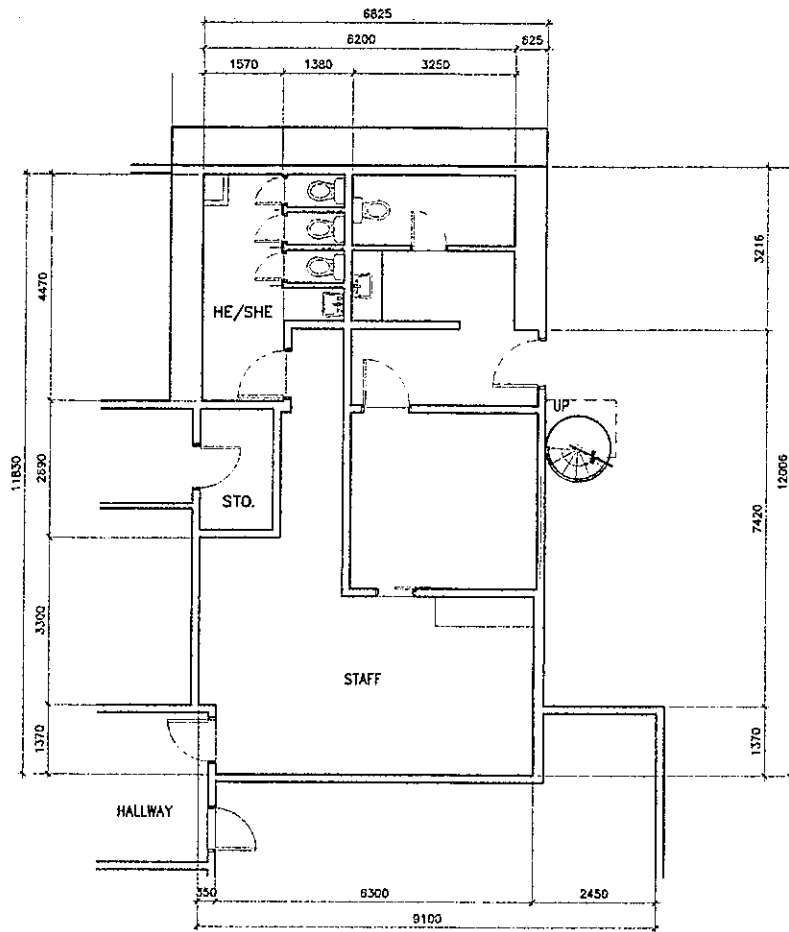
3 SECOND FLOOR KEY PLAN
A-23 SCALE M

REPUBLIC OF THE PHILIPPINES DepED DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MERALCO AVENUE, PASIG CITY	DRAWN BY : JUNELSO P. CULLADO CAD OPERATOR EFD-DepED	CHECKED BY : JEFFREY G. ALARADO PEO / ARCHITECT EFD-DepED	RECOMMENDING APPROVAL : ANNABELLE E. PANGAL CHEF, EFD DepED	RECOMMENDING APPROVAL : ROBERT M. AGUSTIN DIRECTOR IV ADMINISTRATIVE SERVICE	APPROVED BY : NOLASCO A. MEMPIN UNDERSECRETARY FOR ADMINISTRATION DepED	PROJECT TITLE : REHABILITATION AND UPGRADING OF ALONZO BUILDING COMFORT ROOMS INCLUDING PLUMBING/ SANITARY LINES & FIXTURES COMORT ROOMS	PROJECT CODE :	OWNER : DEPARTMENT OF EDUCATION DepED	SHEET NO. : A-23 29
	LOCATION : MERALCO AVE., PASIG CITY						SHEET CONTENTS : -ACCOUNTING MALE TOILET FLOOR PLAN -ACCOUNTING FEMALE FLOOR PLAN -KEY PLAN & SPOT DETAILS		

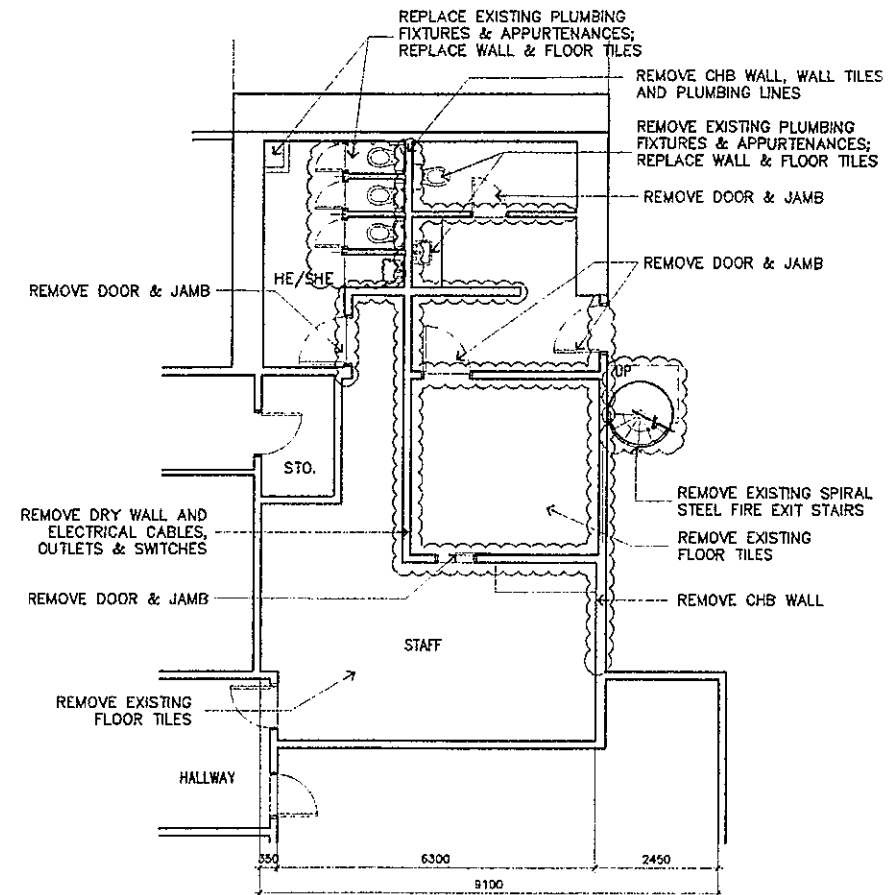


1
RIZAL BUILDING
LOCATION PLAN
A-24 SCALE 1 : 100 M

<p>REPUBLIC OF THE PHILIPPINES DepED DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MERALCO AVENUE, PASIG CITY</p>	<p>DRAWN BY : <i>Camille B. Raposa</i> CAMILLE ANN C. RAPOSA TECHNICAL ASSISTANT II/ARCHITECT EFD-DepED</p>	<p>CHECKED BY : <i>Jet Raymond G. Alarico</i> JET RAYMOND G. ALARICO POO II/ARCHITECT EFD-DepED</p>	<p>RECOMMENDING APPROVAL : <i>Annabelle R. Pangan</i> ANNABELLE R. PANGAN CHIEF, EFD DepED</p>	<p>RECOMMENDING APPROVAL : <i>Robert M. Agustin</i> ROBERT M. AGUSTIN DIRECTOR IV ADMINISTRATIVE SERVICE</p>	<p>APPROVED BY : <i>Nolasco A. Mampin</i> NOLASCO A. MAMPIN UNDERSECRETARY FOR ADMINISTRATION DepED</p>	<p>PROJECT TITLE : A PROPOSED VISITORS' LOUNGE @RIZAL BUILDING LOCATION : G/F RIZAL BUILDING, DEPED COMPLEX, MERALCO AVENUE, PASIG CITY</p>	<p>PROJECT CODE: OWNER :</p>	<p>DEPARTMENT OF EDUCATION DepED SHEET CONTENTS : LOCATION MAP</p>	<p>SHEET NO.: A-24 28</p>
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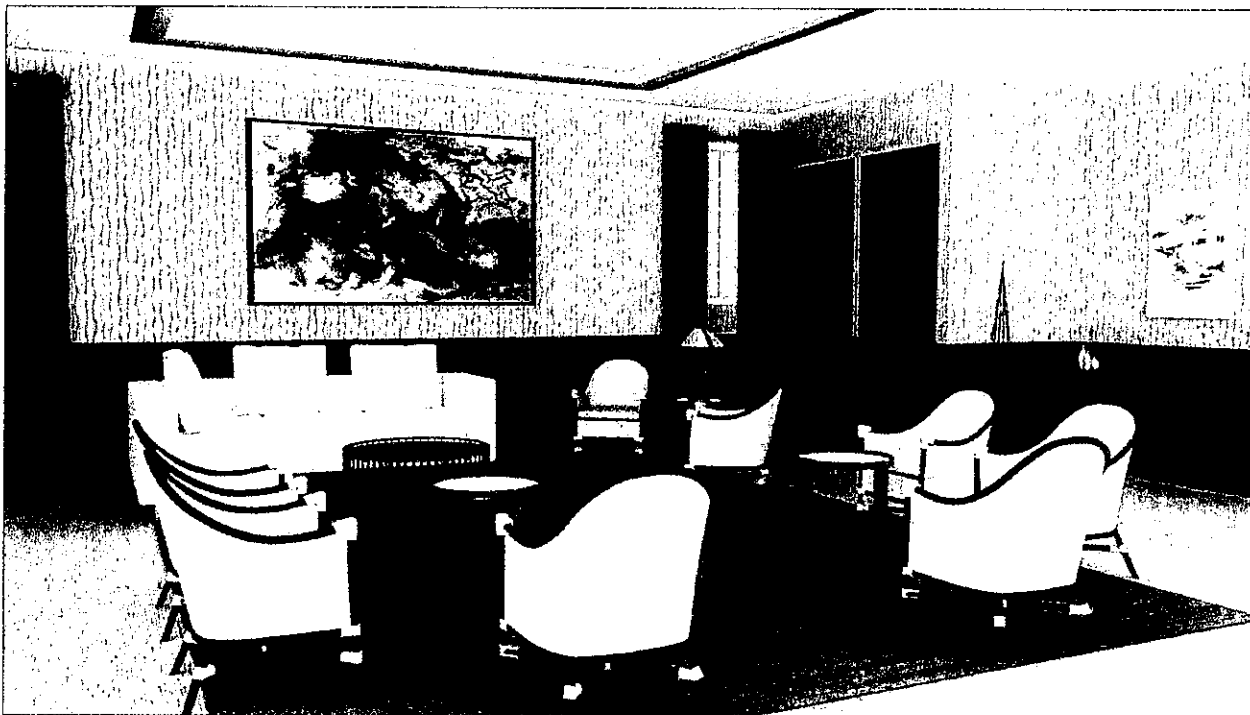
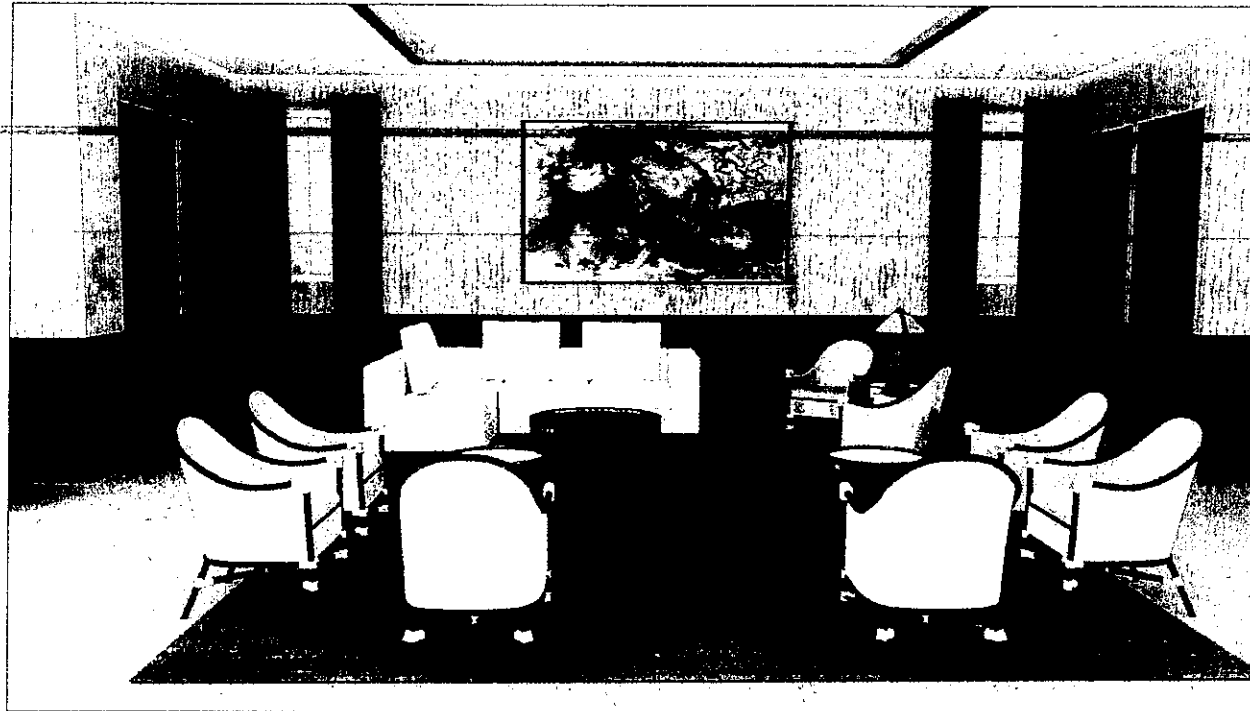


1 RIZAL BUILDING OFFICES
EXISTING LAY OUT
A-25 SCALE 1 : 100 M

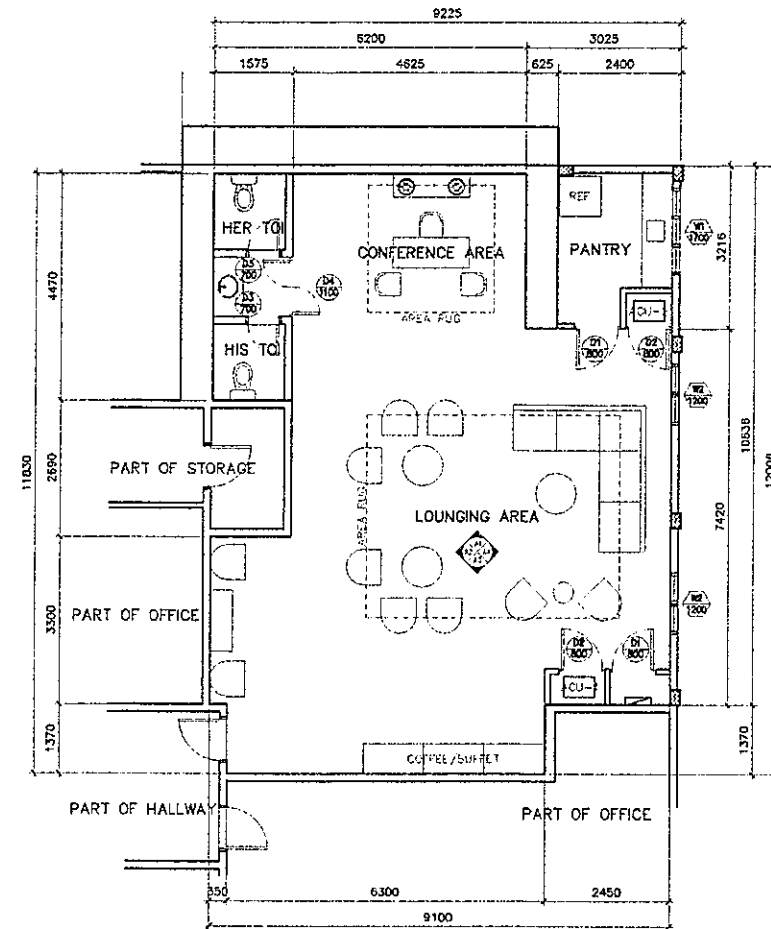


2 RIZAL BUILDING OFFICES
DEMOLITION PLAN
A-25 SCALE 1 : 100 M

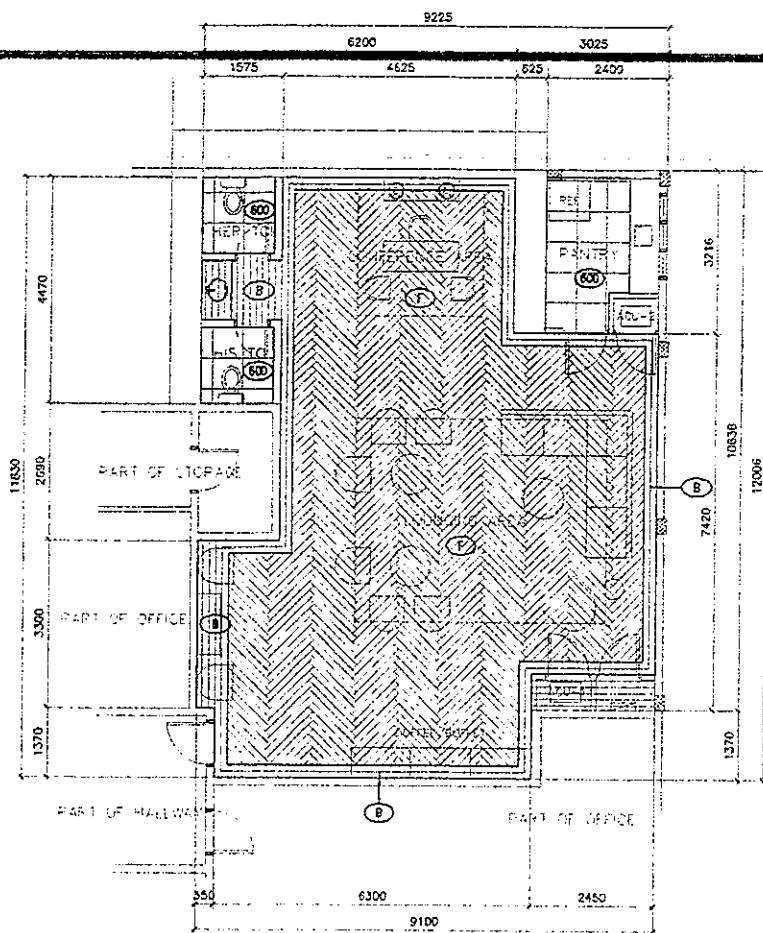
REPUBLIC OF THE PHILIPPINES DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MERALCO AVENUE, PASIG CITY	DRAWN BY : CAMILLE ANN C. BAPOSA TECHNICAL ASSISTANT II/ARCHITECT EFD-DepED	CHECKED BY : JET RAYMOND G. ALBASO PDO II/ARCHITECT EFD-DepED	RECOMMENDING APPROVAL : ANNABELLE B. PANWAN CHIEF, EFD DepED	RECOMMENDING APPROVAL : ROBERT M. AGUSTIN DIRECTOR II ADMINISTRATIVE SERVICE	APPROVED BY : NOLASCO A. MEMPIN UNDERSECRETARY FOR ADMINISTRATION DepED	PROJECT TITLE : A PROPOSED VISITORS' LOUNGE @RIZAL BUILDING	PROJECT CODE:
	LOCATION : G/F RIZAL BUILDING, DEPED COMPLEX, MERALCO AVENUE, PASIG CITY						



1 VISITORS' LOUNGE
 INTERIOR PERSPECTIVES
 A-26 SCALE NTS M

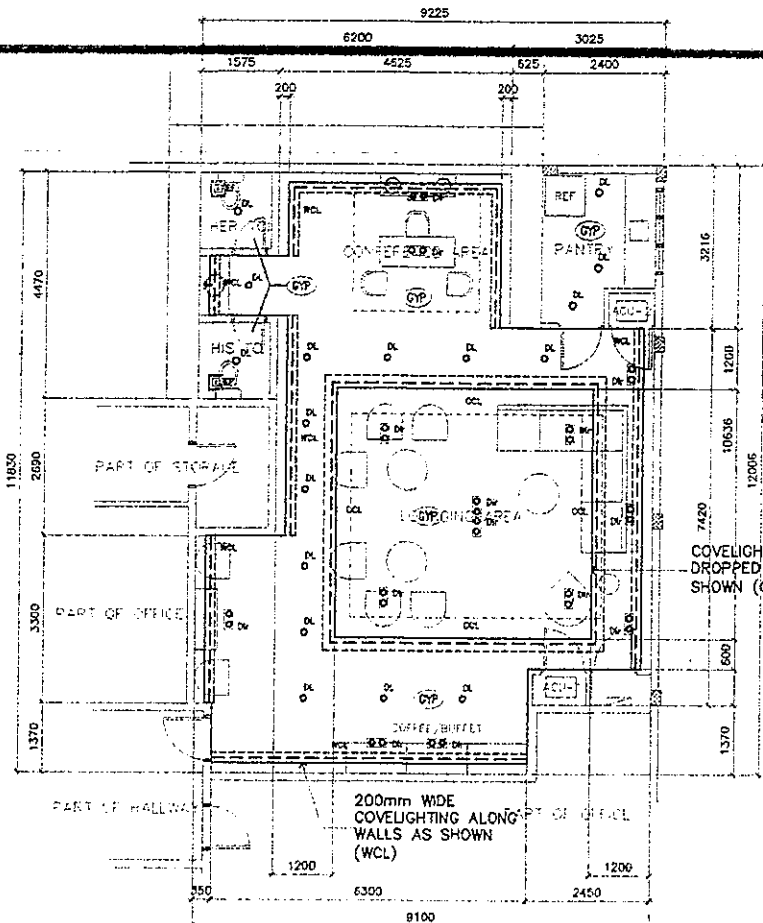


2 VISITORS' LOUNGE
 PROPOSED LAY OUT
 A-26 SCALE 1 : 100 M



1 VISITORS' LOUNGE FLOOR PATTERN LAYOUT
A-28 SCALE 1 : 100 M

LEGENDS/SYMBOLS:	
	BORDER: 200 X 1200mm RECTIFIED WOOD GRAIN FLOOR TILES
	FIELD: 200 X 1200mm RECTIFIED WOOD GRAIN FLOOR TILES
	600 X 600mm RECTIFIED FLOOR TILES

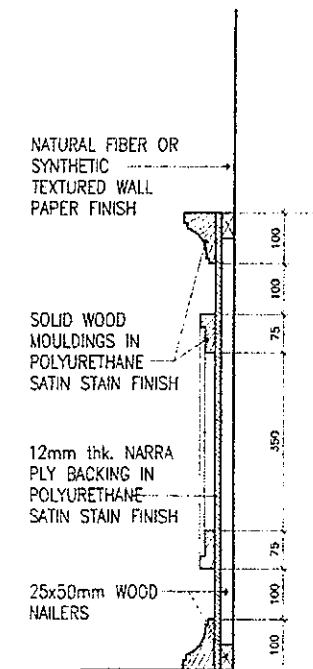


2 VISITORS' LOUNGE REFLECTED CEILING PLAN
A-28 SCALE 1 : 100 M

LEGENDS/SYMBOLS:	
	RECESS MOUNTED LED DOWNLIGHT
	RECESS MOUNTED DIRECTIONAL LED DOWNLIGHT
	T5 LED COVE LIGHTING FIXTURE
	12mm THK GYPSUM CEILING BOARD, PAINTED WHITE FINISH ON STANDARD GI FURRING
	FFL TO DROP CEILING HEIGHT
	FFL TO CEILING HEIGHT
	EXHAUST FAN

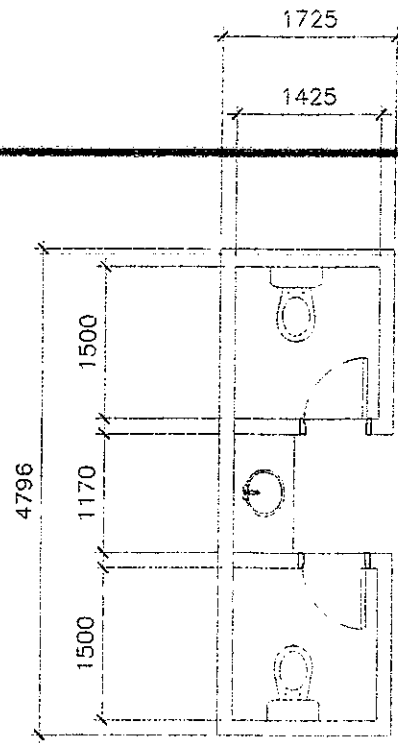
NO.	DESCRIPTION	NO. OF SETS	LOCATION
1	800mm WIDE CLOSED WOOD LAMBERS ON 25mm THK. 1800mm FRAME IN POLYURETHANE FINISH	2 SETS	PANTRY PANEL BOARD ACCESS DOOR
2	800mm WIDE OPEN WOOD LAMBERS ON 25mm THK. 1800mm FRAME IN POLYURETHANE FINISH	2 SETS	MAIN ACCESS DOOR
3	700mm WIDE CLOSED WOOD LAMBERS ON 25mm THK. 1800mm FRAME IN POLYURETHANE FINISH	2 SETS	MS AND TOILET TOILETS
4	800mm WIDE CLOSED WOOD LAMBERS ON 25mm THK. 1800mm FRAME IN POLYURETHANE FINISH	1 SET	TOILET ACCESS DOOR
5	1000mm THK. CLEAR TINTED GLASS WINDOW ON ALUMINUM FRAME	1 SET	PANTRY
6	1000mm THK. CLEAR TINTED GLASS WINDOW ON ALUMINUM FRAME	2 SETS	LOUNGING AREA

3 VISITORS' LOUNGE SCHEDULE OF DOORS & WINDOWS
A-28 SCALE 1 : 100 M

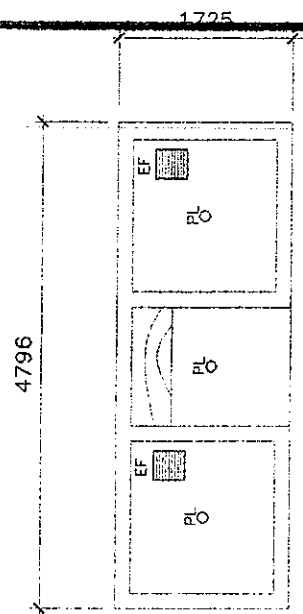


4 WAINSCOTING SPOT DETAIL
A-28 SCALE 1 : 10 M

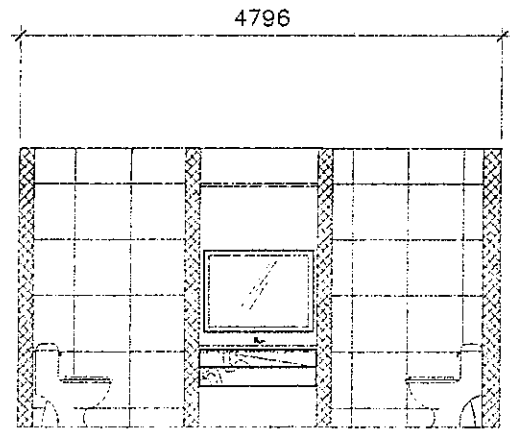
REPUBLIC OF THE PHILIPPINES DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MERALCO AVENUE, PASIG CITY	DRAWN BY : REICHELLE S. PORMILDA TECHNICAL ASSISTANT N/ARCHITECT ETD-DepED	CHECKED BY : JET RAYMOND G. ALABASO PDD N/ARCHITECT ETD-DepED	RECOMMENDING APPROVAL : ANNABELLE R. PINEDA CHIEF, ETD DepED	RECOMMENDING APPROVAL : ROBERT M. AGUSTIN DIRECTOR N/ ADMINISTRATIVE SERVICE	APPROVED BY : NOLASCO A. MEMPIN UNDERSECRETARY FOR ADMINISTRATION DepED	PROJECT TITLE : A PROPOSED VISITORS' LOUNGE @RIZAL BUILDING LOCATION : G/F RIZAL BUILDING, DEPED COMPLEX, MERALCO AVENUE, PASIG CITY	PROJECT CODE :	OWNER : DEPARTMENT OF EDUCATION DepED	SHEET NO. : A-28 29
	SHEET CONTENTS : PROPOSED FLOOR PLAN ELEVATIONS/SECTIONS								



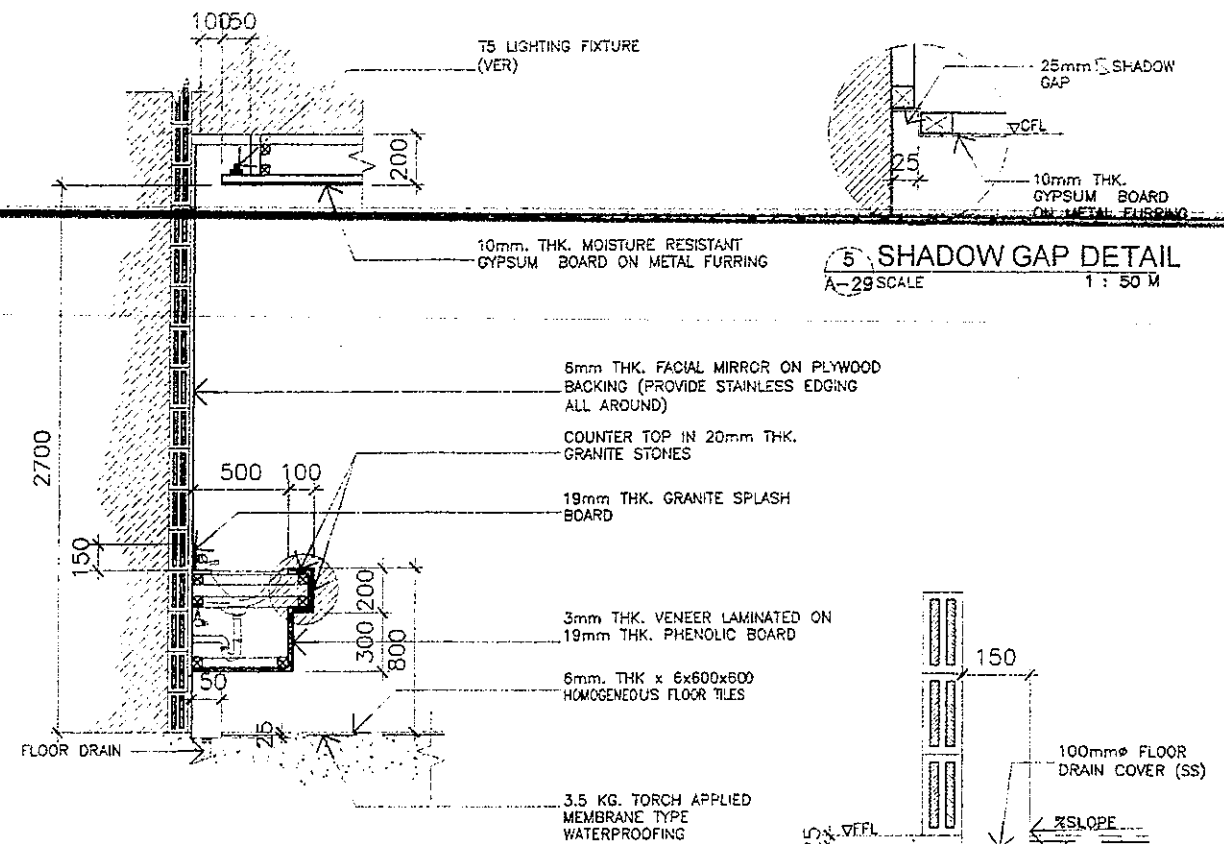
1 VISITORS' LOUNGE TOILET LAYOUT
A-29 SCALE 1 : 100 M



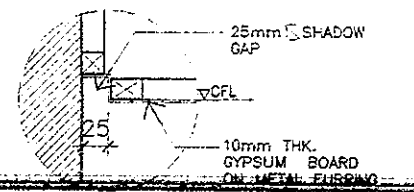
2 VISITORS' LOUNGE TOILET CEILING PLAN
A-29 SCALE 1 : 100 M



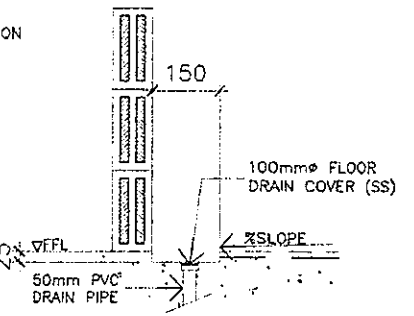
3 VISITORS' LOUNGE CROSS SECTION
A-29 SCALE 1 : 100 M



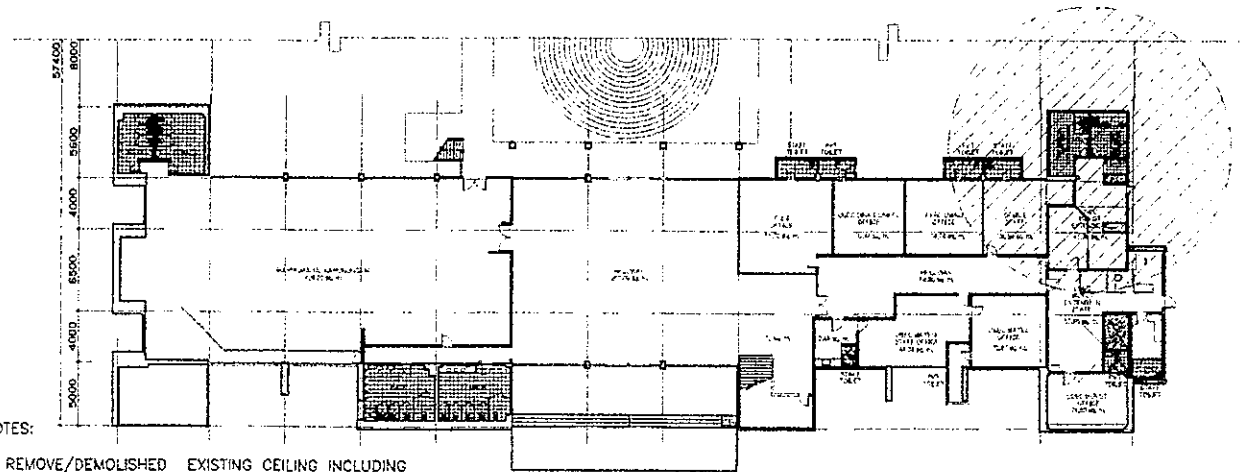
4 TYPICAL DETAIL LAVATORY SECTION DETAIL
A-29 SCALE 1 : 50 M



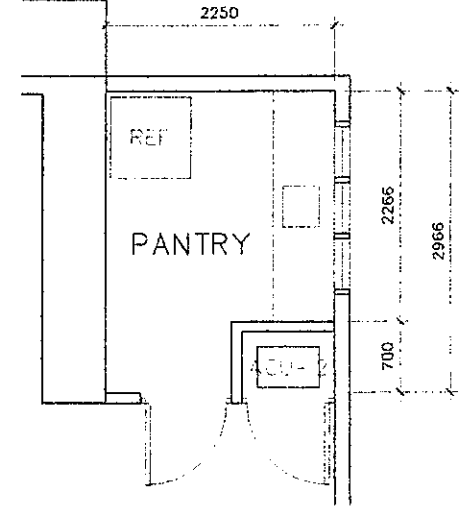
5 SHADOW GAP DETAIL
A-29 SCALE 1 : 50 M



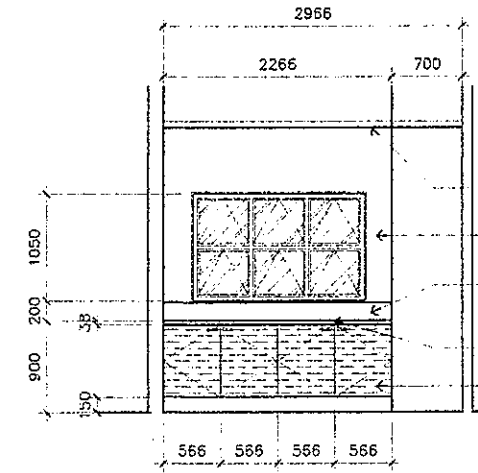
6 TYPICAL DETAIL SPOT DETAIL
A-29 SCALE 1 : 50 M



7 GROUND FLOOR KEY PLAN
A-29 SCALE 1 : 100 M



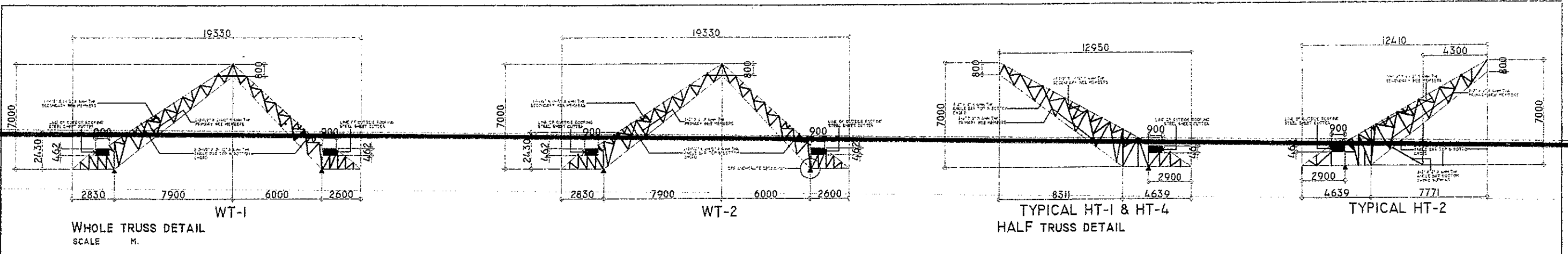
8 PANTRY ENLARGED PLAN
A-29 SCALE 1 : 100 M



9 PANTRY DETAIL SECTION
A-29 SCALE 1 : 50 M

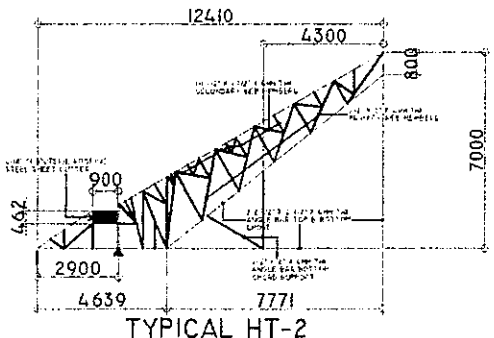
- NOTES:
1. REMOVE/DEMOLISHED EXISTING CEILING INCLUDING FRAMES & ACCESORIES.
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 10. VERIFY LOCATION OF CEILING MANHOLE

REPUBLIC OF THE PHILIPPINES DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MERALCO AVENUE PASIG CITY	DRAWN BY : JUNELSON P. COLLADO CAD OPERATOR EPD-DepED	CHECKED BY : JET RAYMOND G. ALARINO ARCHITECT EPD-DepED	RECOMMENDING APPROVAL : ANNABELLE P. PANGAN CHIEF, EPD DepED	RECOMMENDING APPROVAL : ROBERT M. AGUSTIN DIRECTOR IV ADMINISTRATIVE SERVICE	APPROVED BY : NOLASCO A. MEMPIN UNDERSECRETARY FOR ADMINISTRATION DepED	PROJECT TITLE : A PROPOSED VISITORS' LOUNGE @RIZAL BUILDING LOCATION : G/F RIZAL BUILDING, DEPED COMPLEX, MERALCO AVENUE, PASIG CITY	PROJECT CODE :	OWNER : DEPARTMENT OF EDUCATION DepED	SHEET NO. : A-29 29
	SHEET CONTENTS : TOILET LAYOUT, CEILING PLAN & SECTION KEY PLAN PLUMBING SPOT DETAILS								

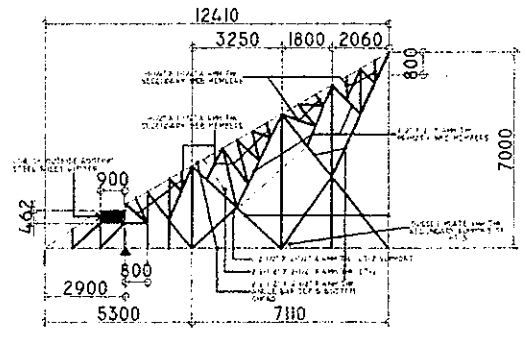


WHOLE TRUSS DETAIL
SCALE M.

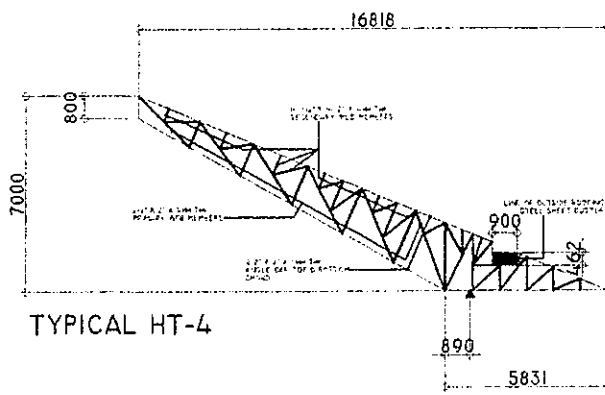
TYPICAL HT-1 & HT-4
HALF TRUSS DETAIL



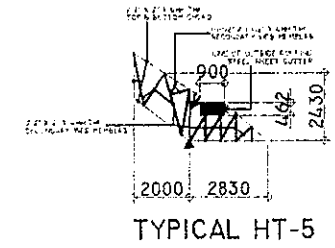
TYPICAL HT-2



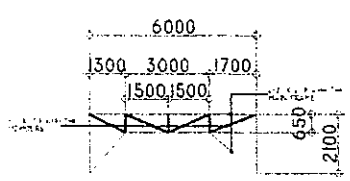
TYPICAL HT-3



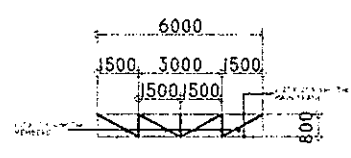
TYPICAL HT-4



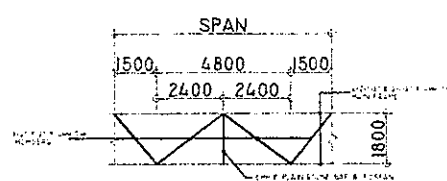
TYPICAL HT-5



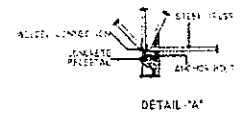
LT-1
LATERAL TRUSS DETAIL



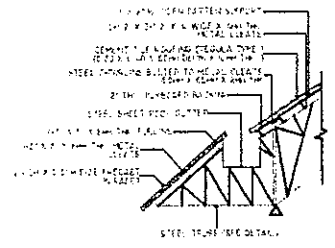
TYPICAL
ROOF GIRT



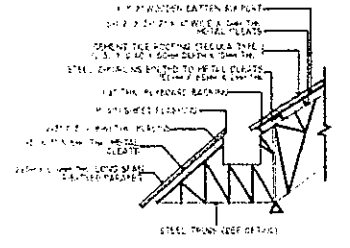
TYPICAL LT-2
LATERAL TRUSS DETAIL



DETAIL 'A'



PRECAST PARAPET AND
ROOF GUTTER SECTION

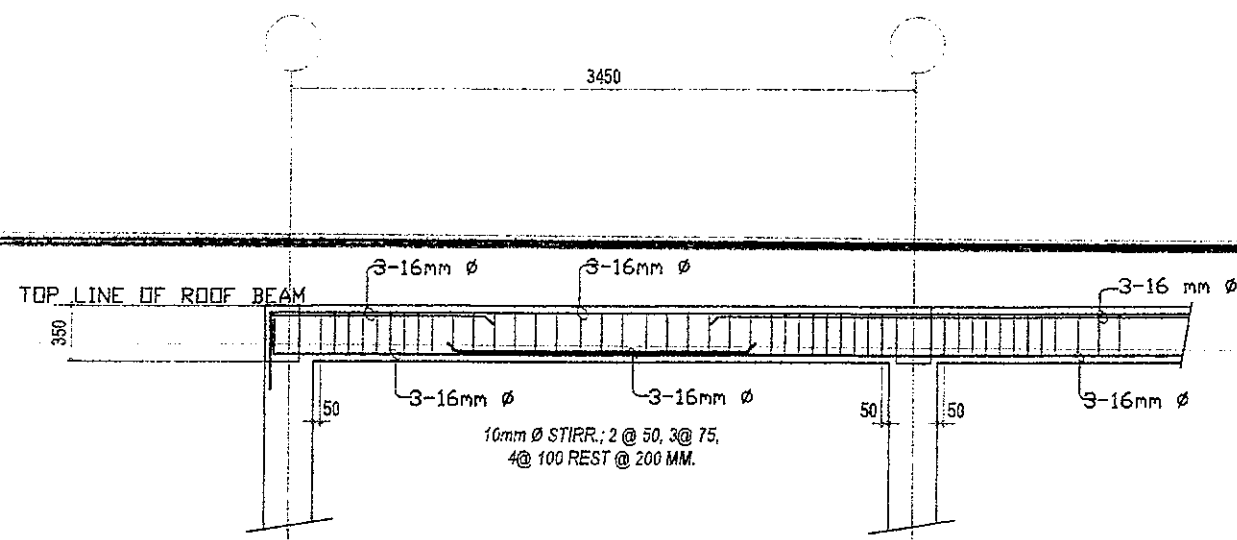


RIB-TYPE PARAPET AND
ROOF GUTTER SECTION

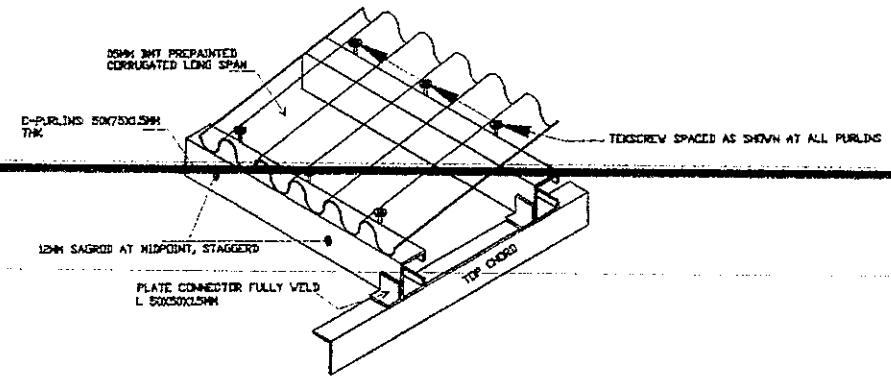
1
S-2 SCALE 1:75 M

STEEL TRUSS DETAIL (AS-BUILT)

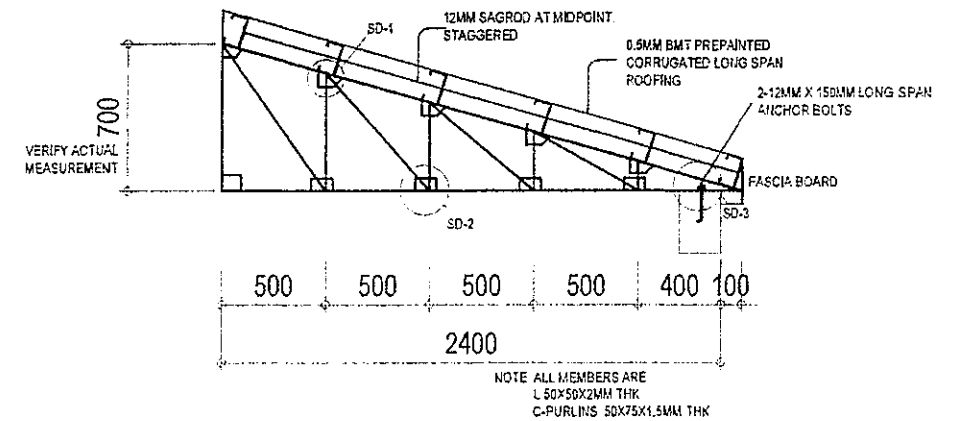
REPUBLIC OF THE PHILIPPINES DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MERALCO AVENUE, PASIG CITY	DRAWN BY : JUNIELSON P. CULLADO CAD OPERATOR ETD-DepED	CHECKED BY : WILFREDO D. ALARCON STRUCTURAL ENGINEER ETD-DepED	RECOMMENDING APPROVAL : ANNABELLE R. PANGANIBAN CHIEF, ETD DepED	RECOMMENDING APPROVAL : ROBERT M. AGUSTIN DIRECTOR OF ADMINISTRATIVE SERVICE	APPROVED BY : NICOLAS A. MAMPIN UNDERSECRETARY FOR ADMINISTRATION DepED	PROJECT TITLE : REPAIR/RENOVATION OF ALONZO & RIZAL BUILDINGS OF DEPED CENTRAL OFFICE LOCATION : MERALCO AVENUE, PASIG CITY	PROJECT CODE : OWNER : DEPARTMENT OF EDUCATION DepED SHEET CONTENTS : AS-BUILT STEEL TRUSS DETAILS	SHEET NO : S-2 9
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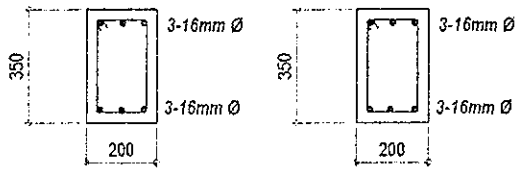
4 DETAILS OF BEAM
S-3 SCALE



5 CONNECTION OF PURLINS TO ROOFING
S-3 SCALE

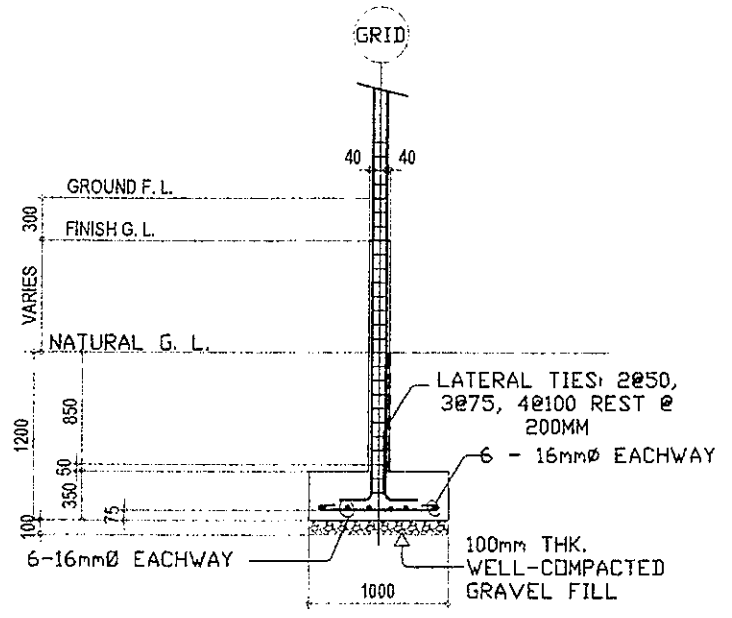


5 DETAILS STEEL TRUSS (T-1)
S-3 SCALE

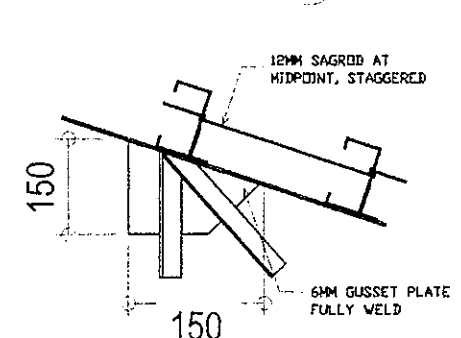


@SUPPORT @MIDSPAN
10mm Ø STIRRUPS 1@50, 10@75, REST @ 150mm O.C.

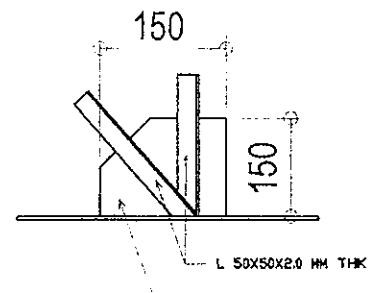
3 DETAILS OF THE BEAM/BEAM
S-3 SCALE



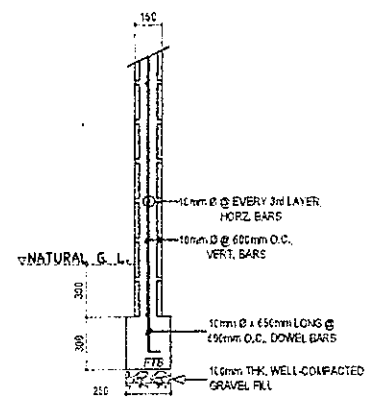
ELEVATION



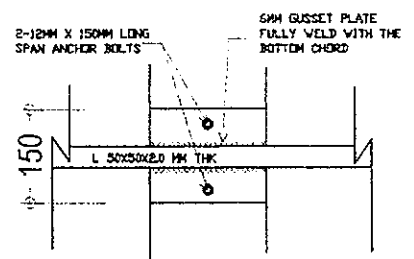
7 DETAILS SD-1
S-3 SCALE



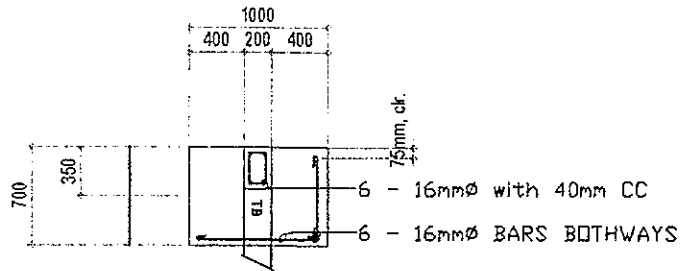
8 DETAILS SD-2
S-3 SCALE



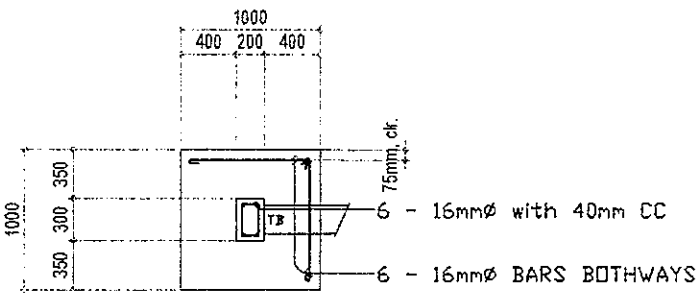
2 DETAILS OF WALL-FOOTINGS
S-3 SCALE



9 DETAILS SD-3
S-3 SCALE



PLAN C1/F1



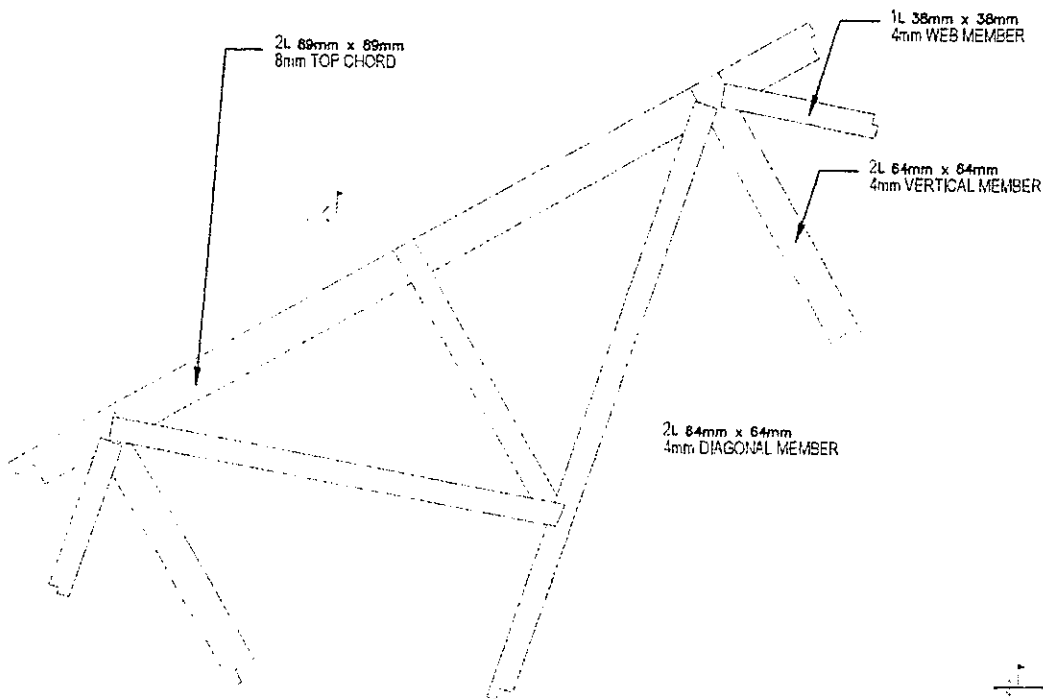
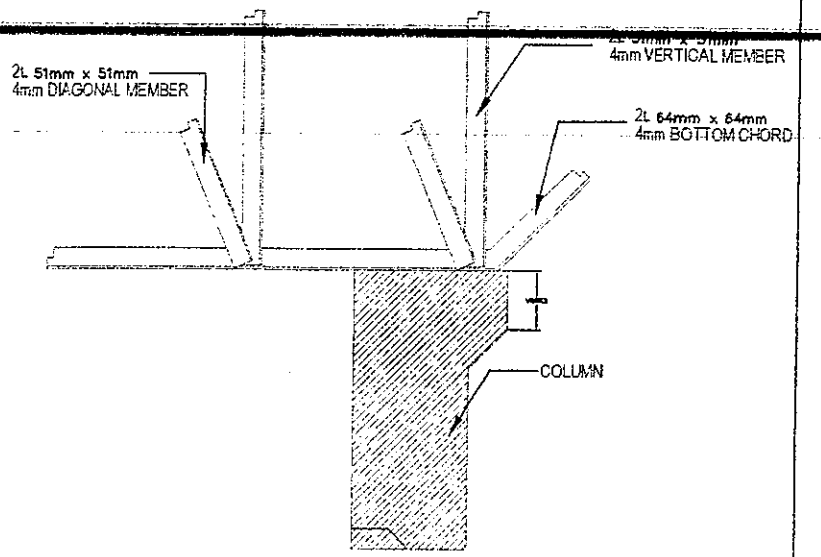
PLAN C1/F2

1 DETAIL OF COLUMNS AND FOOTINGS
S-3 SCALE

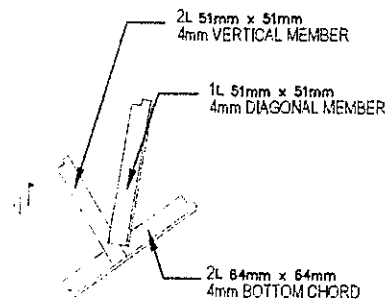
<p>DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MERALCO AVENUE, PASIG CITY</p>	DRAWN BY : JUNELISON P. CULLADO CAD OPERATOR EFD-DepED	CHECKED BY : WILFREDO D. ALARCON STRUCTURAL ENGINEER EFD-DepED	RECOMMENDING APPROVAL : ANNABELLE M. PAGAN CHIEF, EFD DepED	RECOMMENDING APPROVAL : ROBERT M. AGUSTIN DIRECTOR IN ADMINISTRATIVE SERVICE	APPROVED BY : NOLASCO A. MAMPIN UNDERSECRETARY FOR ADMINISTRATION DepED	PROJECT TITLE : REPAIR/RENOVATION OF ALONZO & RIZAL BUILDINGS OF DEPED CENTRAL OFFICE LOCATION : MERALCO AVENUE, PASIG CITY	PROJECT CODE : OWNER : DEPARTMENT OF EDUCATION DepED SHEET CONTAINS : STRUCTURAL DETAILS	SHEET NO. : S-3 9
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SCHEDULE OF COLUMNS

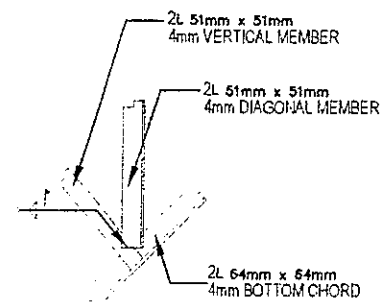
LEVEL	C1	C2	C3	C4
SECOND FLR.				
GROUND FLR.				



A1 TYP. JOINT DETAIL
S-4 SCALE NTS

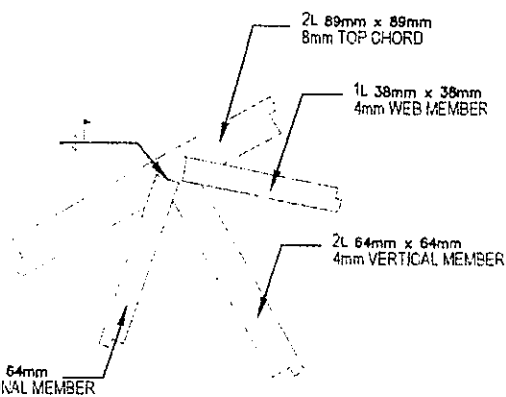


B1 TYP. JOINT DETAIL
S-4 SCALE NTS

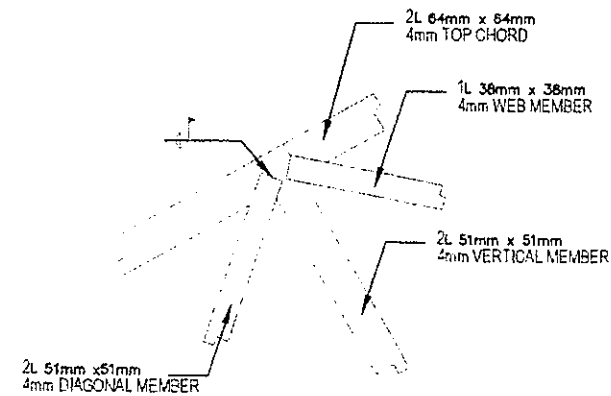


C1 TYP. JOINT DETAIL
S-4 SCALE NTS

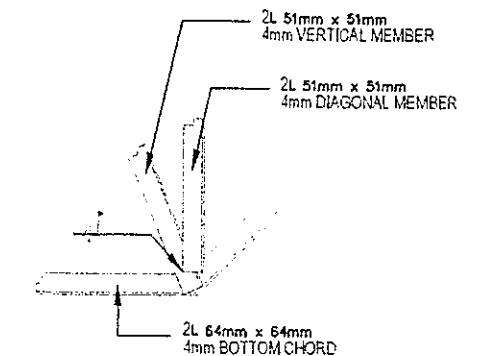
B3 TYP. JOINT DETAIL
S-4 SCALE NTS



A2 TYP. JOINT DETAIL
S-4 SCALE NTS



B2 TYP. JOINT DETAIL
S-4 SCALE NTS

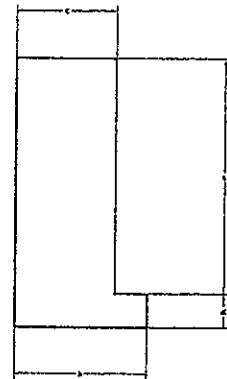


C2 TYP. JOINT DETAIL
S-4 SCALE NTS

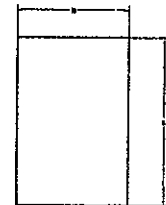
<p>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MERALCO AVENUE, PASIG CITY</p>	DRAWN BY : JUNELSON P. COLLADO CAD OPERATOR EFD-DepED	CHECKED BY : WILFREDO D. ALARCON STRUCTURAL ENGINEER EFD-DepED	RECOMMENDING APPROVAL : ANNABELLE B. PAGAN CHIEF, EFD DepED	RECOMMENDING APPROVAL : ROBERT M. AGUSTIN DIRECTOR IV ADMINISTRATIVE SERVICE	APPROVED BY : NOLASCO A. MEMPIN, JR. UNDERSECRETARY FOR ADMINISTRATION DepED	PROJECT TITLE : REPAIR/RENOVATION OF ALONZO & RIZAL BUILDINGS OF DEPED CENTRAL OFFICE LOCATION : MERALCO AVENUE, PASIG CITY	PROJECT CODE : OWNER : DEPARTMENT OF EDUCATION DepED SHEET CONTENTS : JOINT DETAILS	SHEET NO. : S-4 9
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SCHEDULE OF BEAMS

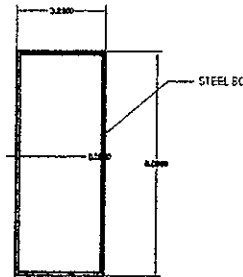
FLOOR	LOCATION	SIZE (mm)				STEEL REQUIREMENTS								REMARKS
		a	b	c	d	LEFT SUPPORT		CENTER SUPPORT		RIGHT SUPPORT		STIRRUPS		
						TOP	BOTTOM	TOP	BOTTOM	TOP	BOTTOM	TYPE A	SPACING	
2ND FLOOR LEVEL	2G-1	450	350	-	-	2-16mm \emptyset	2-16mm \emptyset	2-16mm \emptyset	2-16mm \emptyset	2-16mm \emptyset	2-16mm \emptyset	10mm \emptyset	210mm-300mm O.C.	
	2G-3	1050	600	450	150	7-25mm \emptyset	3-25mm \emptyset	3-25mm \emptyset	6-25mm \emptyset	7-25mm \emptyset	3-25mm \emptyset	10mm \emptyset	210mm-300mm O.C.	
	2G-5	1050	600	450	150	7-25mm \emptyset	3-25mm \emptyset	3-25mm \emptyset	6-25mm \emptyset	7-25mm \emptyset	3-25mm \emptyset	10mm \emptyset	210mm-300mm O.C.	
	2G-7	450	350	-	-	2-16mm \emptyset	2-16mm \emptyset	2-16mm \emptyset	2-16mm \emptyset	2-16mm \emptyset	2-16mm \emptyset	10mm \emptyset	210mm-300mm O.C.	
	2G-9	500	350	-	-	2-16mm \emptyset	2-16mm \emptyset	2-16mm \emptyset	2-16mm \emptyset	2-16mm \emptyset	2-16mm \emptyset	10mm \emptyset	210mm-300mm O.C.	
	2G-2	450	350	-	-	2-16mm \emptyset	2-16mm \emptyset	2-16mm \emptyset	2-16mm \emptyset	2-16mm \emptyset	2-16mm \emptyset	10mm \emptyset	210mm-300mm O.C.	
	2G-4	1050	600	450	150	3-25mm \emptyset	3-25mm \emptyset	3-25mm \emptyset	6-25mm \emptyset	7-25mm \emptyset	3-25mm \emptyset	10mm \emptyset	210mm-300mm O.C.	
	2G-6	1050	600	450	150	7-25mm \emptyset	3-25mm \emptyset	3-25mm \emptyset	6-25mm \emptyset	7-25mm \emptyset	3-25mm \emptyset	10mm \emptyset	210mm-300mm O.C.	
	2G-8	500	350	-	-	2-16mm \emptyset	2-16mm \emptyset	2-16mm \emptyset	2-16mm \emptyset	2-16mm \emptyset	2-16mm \emptyset	10mm \emptyset	210mm-300mm O.C.	
	2G-10	450	350	-	-	2-16mm \emptyset	2-16mm \emptyset	2-16mm \emptyset	2-16mm \emptyset	2-16mm \emptyset	2-16mm \emptyset	10mm \emptyset	210mm-300mm O.C.	



A FOR 2G-3 2G-5 2G-4 2G-6
TYP. BEAM SECTION
SCALE: S-5 NTS



B FOR 2G-1/7 2G-6/10 3G-(1-10)
TYP. BEAM SECTION
SCALE: S-5 NTS



E FOR 2G-12
TYP. BEAM SECTION
SCALE: S-5 NTS

12mm \emptyset x 100mm HIGH STRENGTH BOLT
SPACED @ EVERY 300mm EMBEDDED ON
CONCRETE SLAB

75mm x 6mm THK FLAT BAR
SPACED @ 300mm FULLY WELD
CONNECTED TO ANGLE BAR

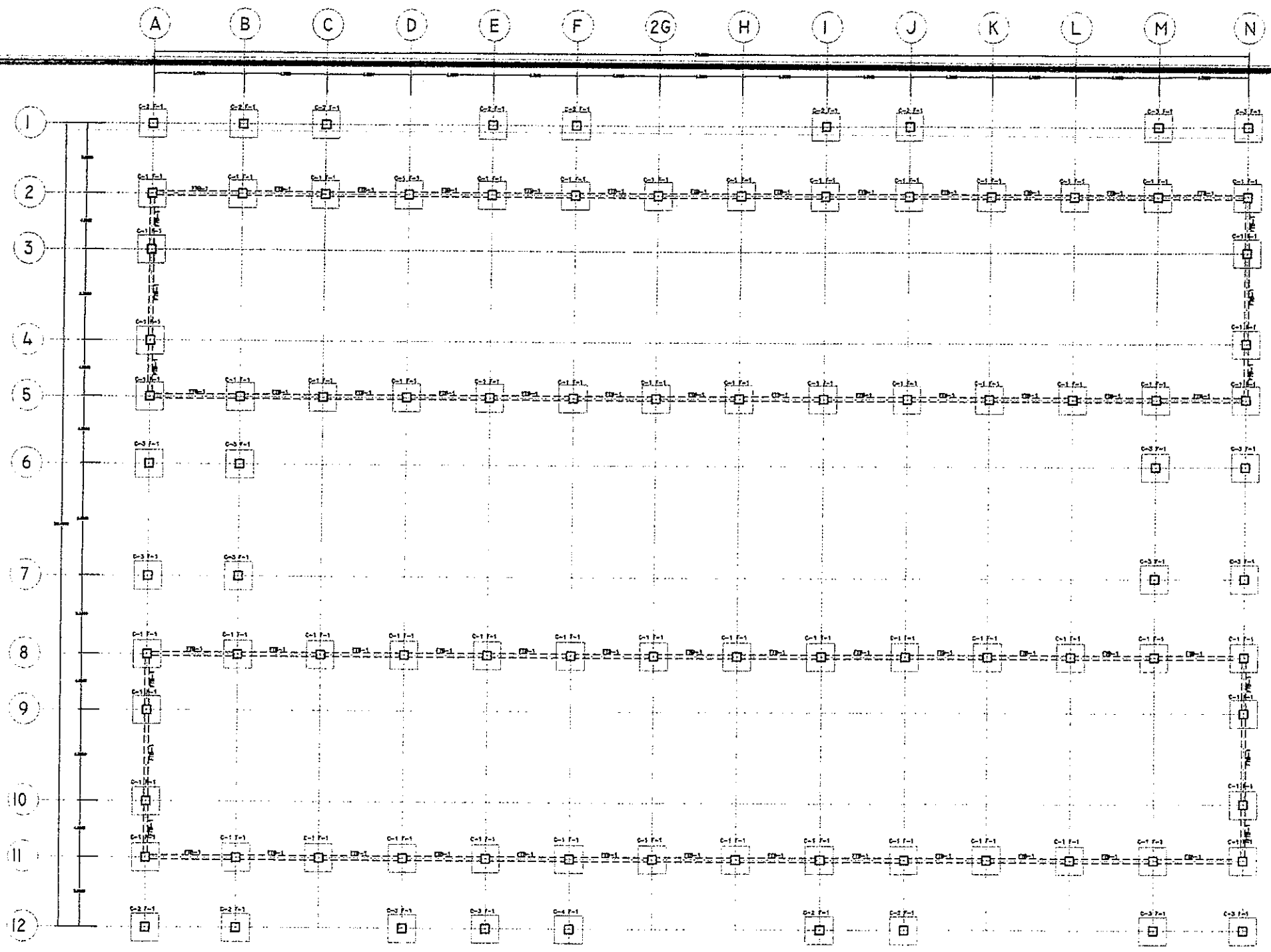
75mm x 6mm THK FLAT BAR
SPACED @ 300mm FULLY WELD
CONNECTED TO ANGLE BAR

75mm x 75mm x 6mm THK
REINFORCED ANGLE BAR

75mm x 75mm x 6mm THK
REINFORCED ANGLE BAR

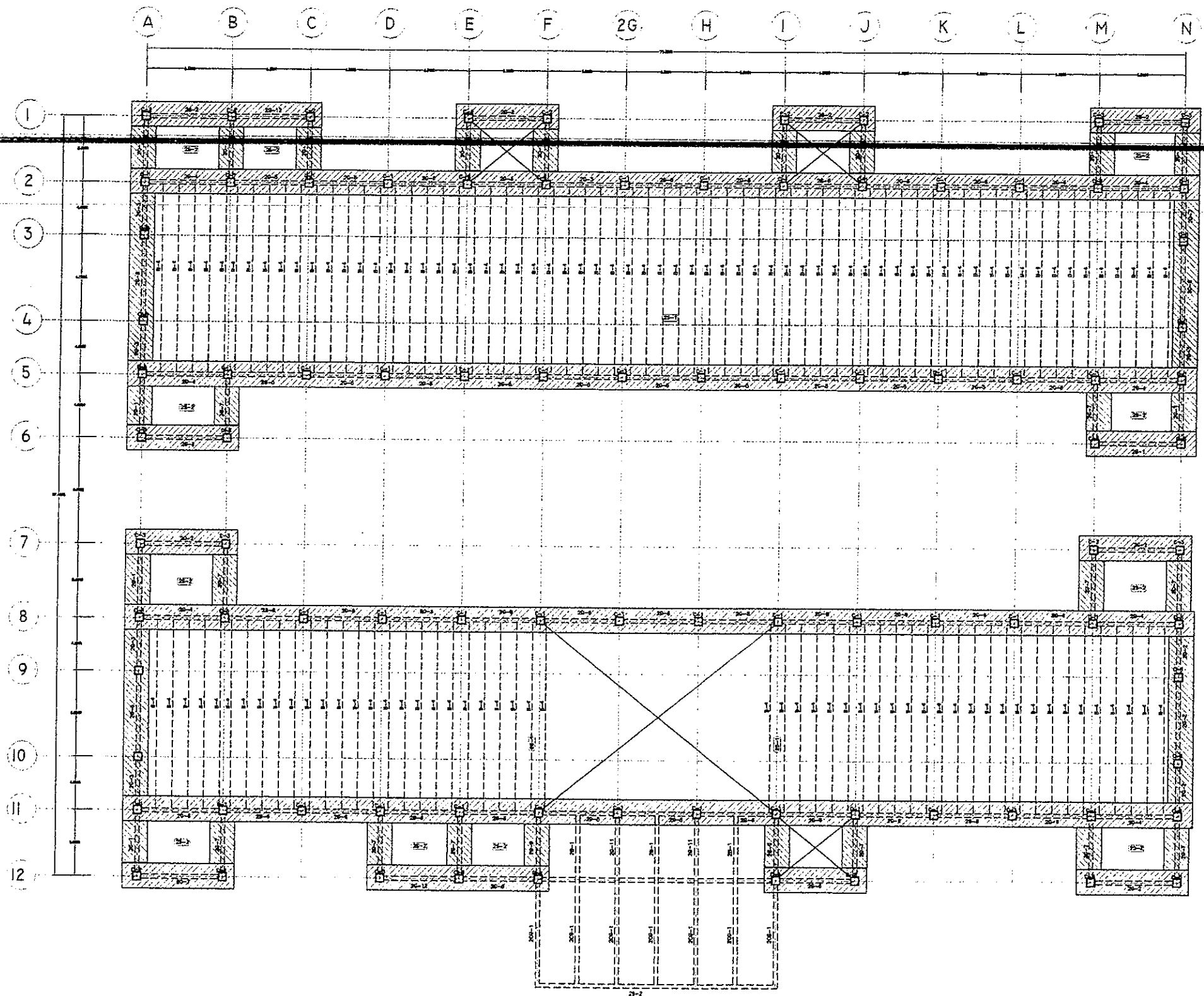
F TYP. BEAM SECTION
SCALE: S-5 NTS

 REPUBLIC OF THE PHILIPPINES DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MERALCO AVENUE, PASIG CITY	DRAWN BY : JUNEYSON P. CALLADO CAD OPERATOR ETD-DepED	CHECKED BY : WILFREDO D. ALARCON STRUCTURAL ENGINEER ETD-DepED	RECOMMENDING APPROVAL : ANNABELLE M. PANGANIBAN CHIEF, ETD DepED	RECOMMENDING APPROVAL : ROBERT M. AGUSTIN DIRECTOR IN ADMINISTRATIVE SERVICE	APPROVED BY : NOLASCO A. MAMPIN UNDERSECRETARY FOR ADMINISTRATION DepED	PROJECT TITLE : REPAIR/RENOVATION OF ALONZO & RIZAL BUILDINGS OF DEPED CENTRAL OFFICE LOCATION : MERALCO AVENUE, PASIG CITY	PROJECT CODE : OWNER : DEPARTMENT OF EDUCATION DepED	SHEET NO. : SCHEDULE OF BEAMS BEAM SECTIONS	SHEET NO. : S-5 9
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1 FOUNDATION PLAN
S-6 SCALE 1:100

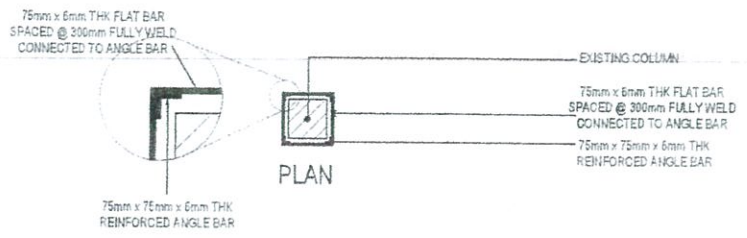
REPUBLIC OF THE PHILIPPINES DepED DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MERALCO AVENUE, PASIG CITY	DRAWN BY : JUNELSON P. CULLADO CAD OPERATOR ETD-DepED	CHECKED BY : WILFREDO D. ALARCON STRUCTURAL ENGINEER ETD-DepED	RECOMMENDING APPROVAL : ANNABELLE R. PANGAN CHIEF, ETD DepED	RECOMMENDING APPROVAL : ROBERT M. AGUSTIN DIRECTOR IV ADMINISTRATIVE SERVICE	APPROVED BY : NOLASCO A. MAMPIN UNDERSECRETARY FOR ADMINISTRATION DepED	PROJECT TITLE : REPAIR/RENOVATION OF ALONZO & RIZAL BUILDINGS OF DEPED CENTRAL OFFICE LOCATION : MERALCO AVENUE, PASIG CITY	PROJECT CODE : OWNER : DEPARTMENT OF EDUCATION DepED SHEET CONTENTS : FOUNDATION PLAN	SHEET NO. S-6 9
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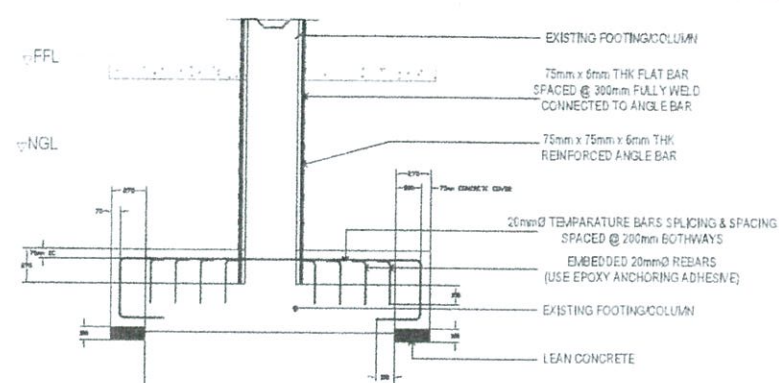
1 SECOND FLOOR FRAMING PLAN
S-7 SCALE: 1/8" = 1'-0"

□ - BEAMS TO BE RETROFITTED

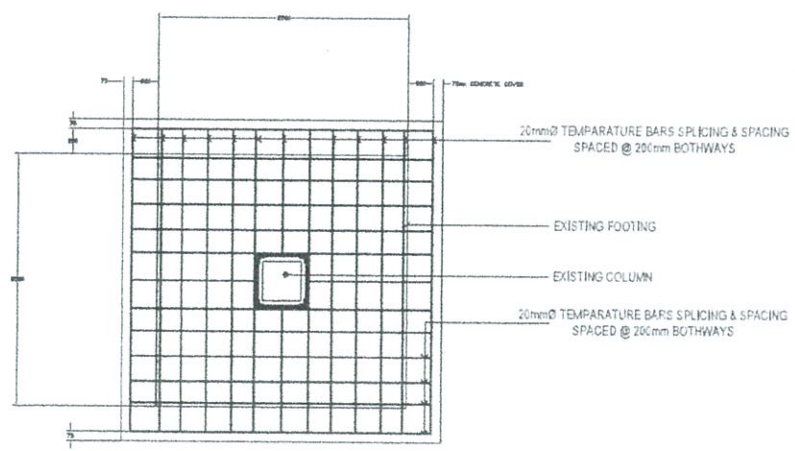
REPUBLIC OF THE PHILIPPINES DepED DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MERALCO AVENUE, PASIG CITY	DRAWN BY : JUNELSON P. CUCLADO CAD OPERATOR ETD-DepED	CHECKED BY : WILFREDO D. ALARCON STRUCTURAL ENGINEER ETD-DepED	RECOMMENDING APPROVAL : ANNABELLE R. PANGAN CHIEF, ETD DepED	RECOMMENDING APPROVAL : ROBERT M. AGUSTIN DIRECTOR IN ADMINISTRATIVE SERVICE	APPROVED BY : NOLASCO A. MEMPIN UNDERSECRETARY FOR ADMINISTRATION DepED	PROJECT TITLE : REPAIR/RENOVATION OF ALONZO & RIZAL BUILDINGS OF DEPED CENTRAL OFFICE LOCATION : MERALCO AVENUE, PASIG CITY	PROJECT CODE : 	OWNER : DEPARTMENT OF EDUCATION DepED SHEET CONTENTS : FOUNDATION PLAN	SHEET NO. S-7 9



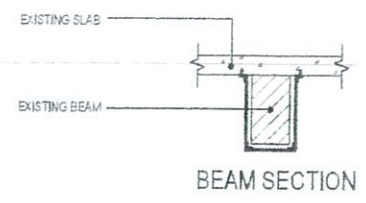
PLAN



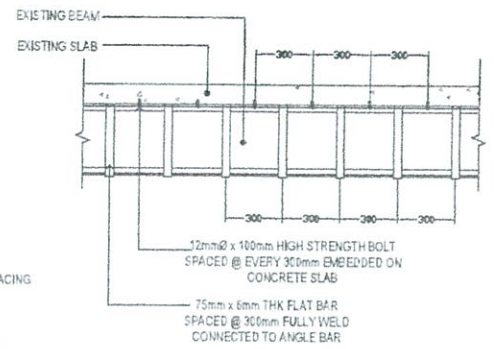
SECTION



1 COLUMN FOOTING DETAILS (F-1)
S-8 SCALE NTS

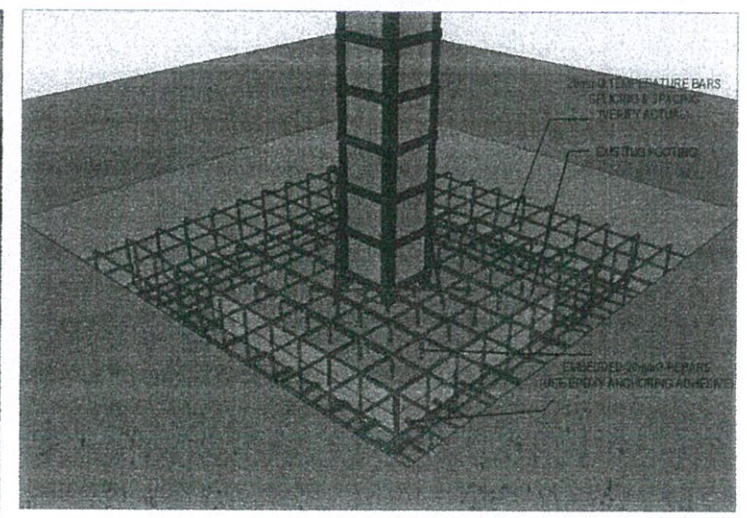
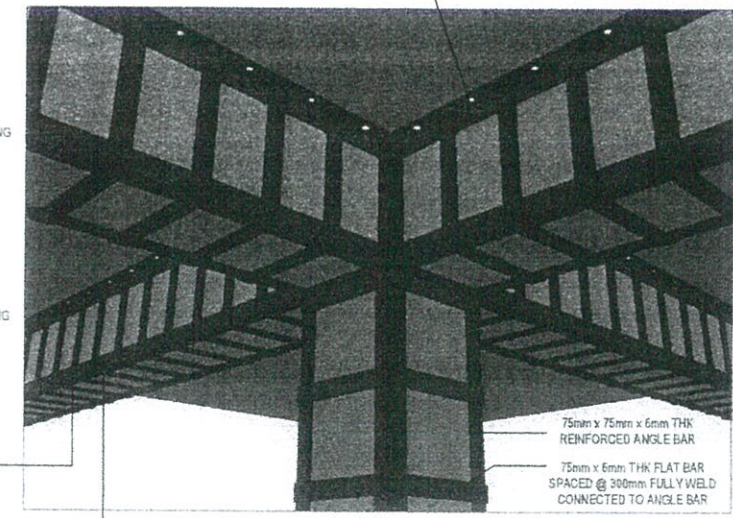
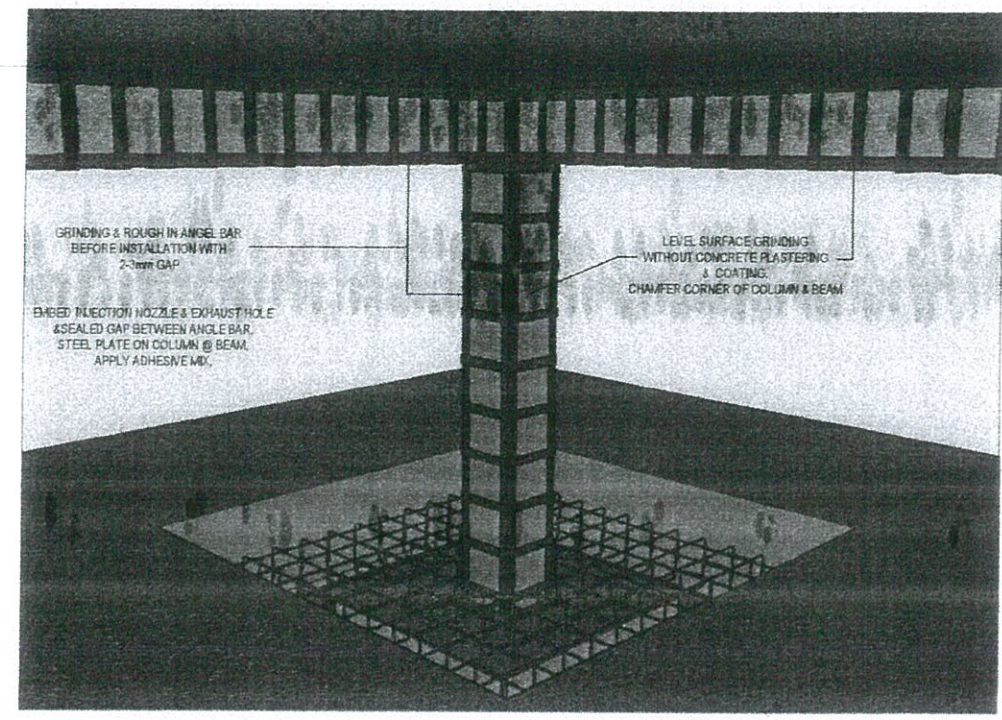


BEAM SECTION

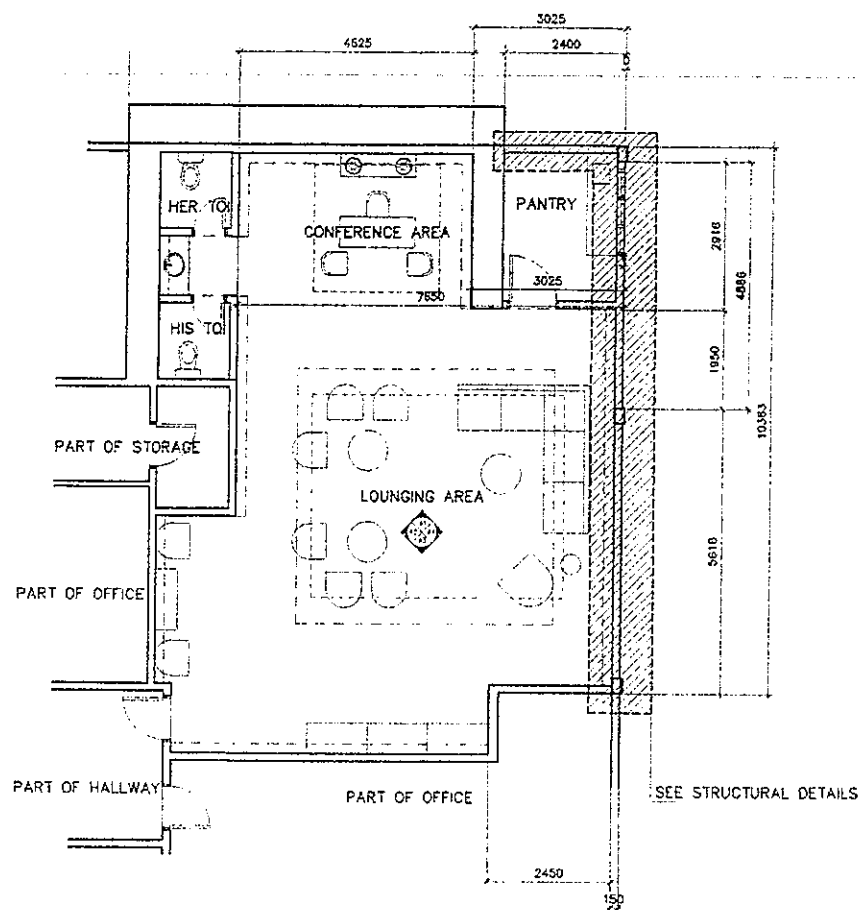


BEAM ELEVATION

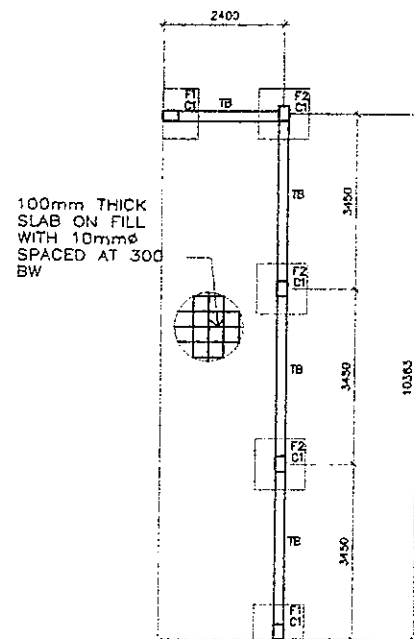
12mmØ x 100mm HIGH STRENGTH BOLT SPACED @ EVERY 300mm EMBEDDED ON CONCRETE SLAB



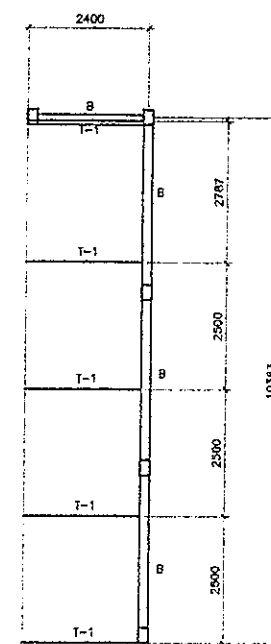
<p>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MERALCO AVENUE, PASIG CITY</p>	<p>DRAWN BY :</p> <p><i>Junelso P. Cullado</i> JUNELSON P. CULLADO CAD OPERATOR EFD-DepED</p>	<p>CHECKED BY :</p> <p><i>Wilfredo D. Alarcon</i> WILFREDO D. ALARCON STRUCTURAL ENGINEER EFD-DepED</p>	<p>RECOMMENDING APPROVAL :</p> <p><i>Annabelle R. Pangan</i> ANNABELLE R. PANGAN CHIEF, EFD DepED</p>	<p>RECOMMENDING APPROVAL :</p> <p><i>Robert M. Agustin</i> ROBERT M. AGUSTIN DIRECTOR IV ADMINISTRATIVE SERVICE</p>	<p>APPROVED BY :</p> <p><i>Nolasco A. Mampin</i> NOLASCO A. MAMPIN UNDERSECRETARY FOR ADMINISTRATION DepED</p>	<p>PROJECT TITLE :</p> <p>REPAIR/RENOVATION OF ALONZO & RIZAL BUILDINGS OF DEPED CENTRAL OFFICE</p> <p>LOCATION : MERALCO AVENUE, PASIG CITY</p>	<p>PROJECT CODE :</p>	<p>OWNER :</p> <p>DEPARTMENT OF EDUCATION DepED</p>	<p>SHEET NO.:</p> <p>S-8 9</p>
	<p>SHEET CONTENTS : FOUNDATION PLAN</p>								



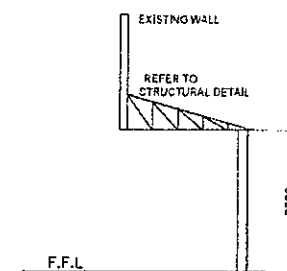
1 VISITORS' LOUNGE
PROPOSED LAY OUT
SCALE 1 : 100 M



2 VISITORS' LOUNGE
FOUNDATION PLAN
SCALE 1 : 100 M

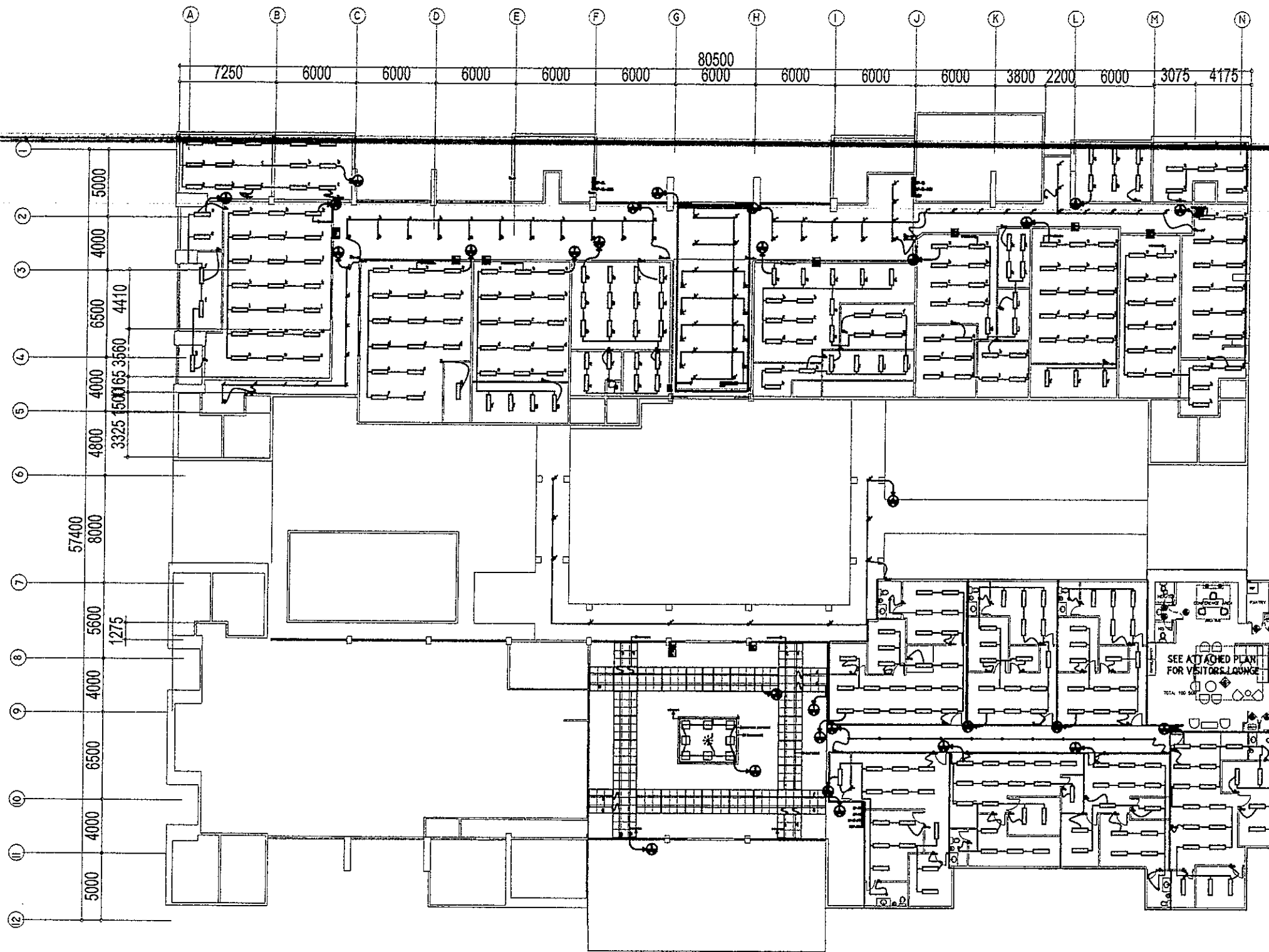


3 VISITORS' LOUNGE
ROOF FRAMING PLAN
SCALE 1 : 100 M



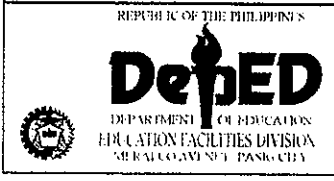
4 VISITORS' LOUNGE
ELEVATION FOR ROOFING
SCALE 1 : 100 M

REPUBLIC OF THE PHILIPPINES DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MERALCO AVENUE, PASIG CITY	DRAWN BY : JUNEZON P. CULLADO CAD OPERATOR ETD-DepED	CHECKED BY : WILFREDO D. ALARCON STRUCTURAL ENGINEER ETD-DepED	RECOMMENDING APPROVAL : ANNABELLE R. PANGAN CHEF, ETD DepED	RECOMMENDING APPROVAL : ROBERT M. AGUSTIN DIRECTOR IV ADMINISTRATIVE SERVICE	APPROVED BY : NOLASCO A. MEMPIN UNDERSECRETARY FOR ADMINISTRATION DepED	PROJECT TITLE : A PROPOSED VISITORS' LOUNGE @RIZAL BUILDING LOCATION : G/7 RIZAL BUILDING, DEPED COMPLEX, MERALCO AVENUE, PASIG CITY	PROJECT CODE :	OWNER : DEPARTMENT OF EDUCATION DepED	SHEET NO. : S-9 9
	SHEET CONTENTS : FOUNDATION PLAN ROOF FRAMING PLAN ELEVATION FOR ROOFING								

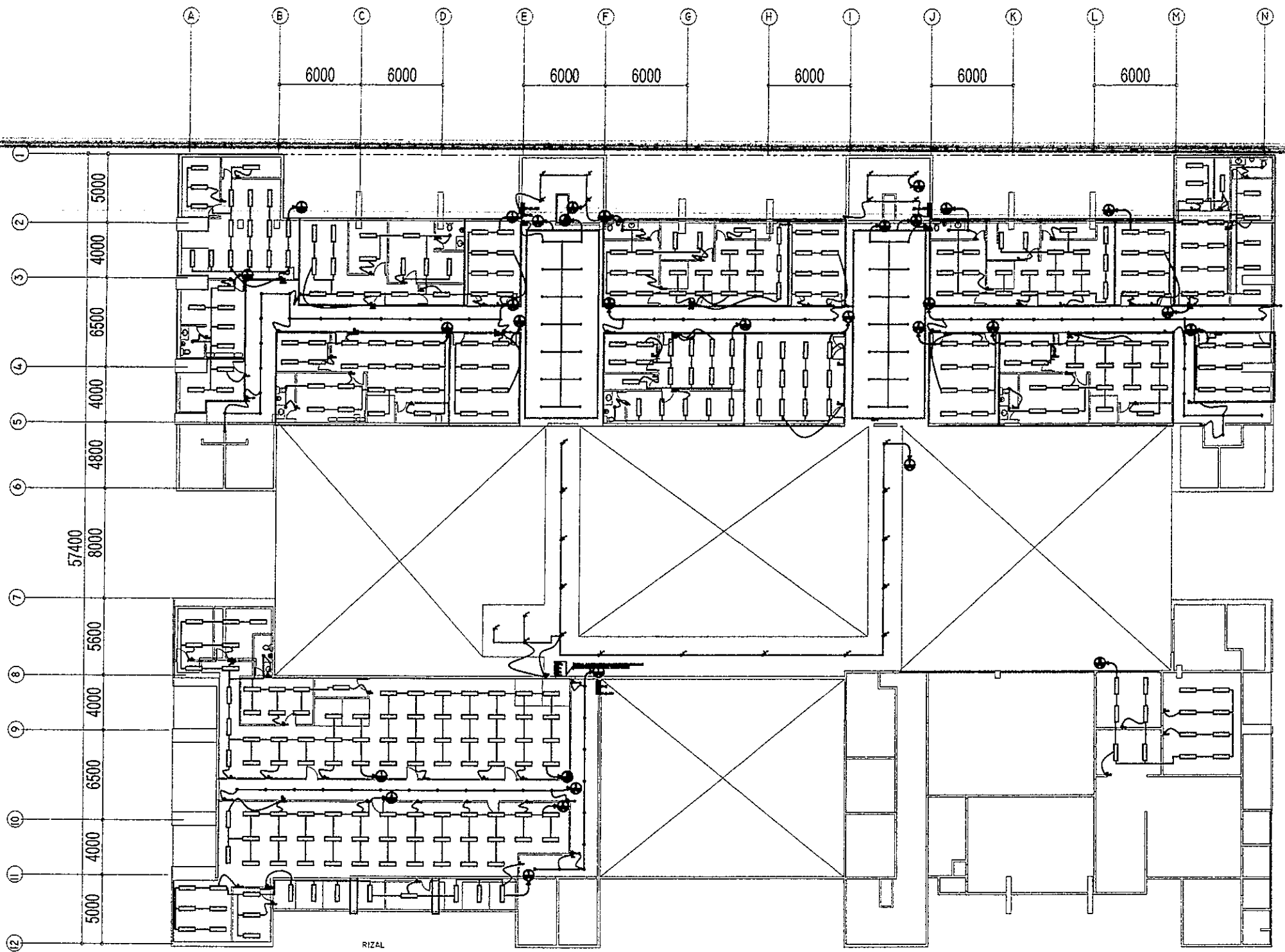


1 RIZAL AND ALONZO BUILDING
 GROUND FLOOR LIGHTING LAYOUT
 E-1 SCALE 1:100 M

LIGHTINGS SPECIFICATION :	
□	-2-40W LED PANEL LIGHTING FIXTURE 1200mm x 300mm (IP40), RECESSED-MOUNTED, COB, 5000K-6000K, DAY LIGHT AC 85V - 265V 50/60 Hz (DIFFUSER TYPE)
○	-24W LED DOWNLIGHT (IP40), RECESSED-MOUNTED, COB, 2700-3500K, WARM LIGHT AC 85V - 265V 50/60 Hz
—	-14W T5 LED TUBE LIGHT (1200mm) with T5 Connector, 2700-3000K, WARM LIGHT AC 85V - 265V 50/60 Hz (VERIFY LOCATION & ARCHITECT RECOMMENDATION)
—	-14W T5 LED TUBE LIGHT (1200mm) with T5 Connector, 5000K, DAY LIGHT AC 85V - 265V 50/60 Hz (VERIFY LOCATION & ARCHITECT RECOMMENDATION)
✱	-60W LED DECORATIVE CHANDELIER (HANGING/SUSPENSION MOUNTING), AC 100 - 240V, 50/60 Hz (VERIFY MOUNTING HEIGHT & LOCATION)
◎	-16W LED DOWNLIGHT (IP40), SURFACE-MOUNTED, COB, 2700-3500K, WARM LIGHT AC 85V - 265V, 50/60 Hz
☐	-2x20W ARCHITECTURAL DIRECTIONAL LIGHT LED, RECESSED MOUNTED (WHITE RIM) 2000K-2500K WARM LIGHT, AC 85V - 265V 50/60 Hz



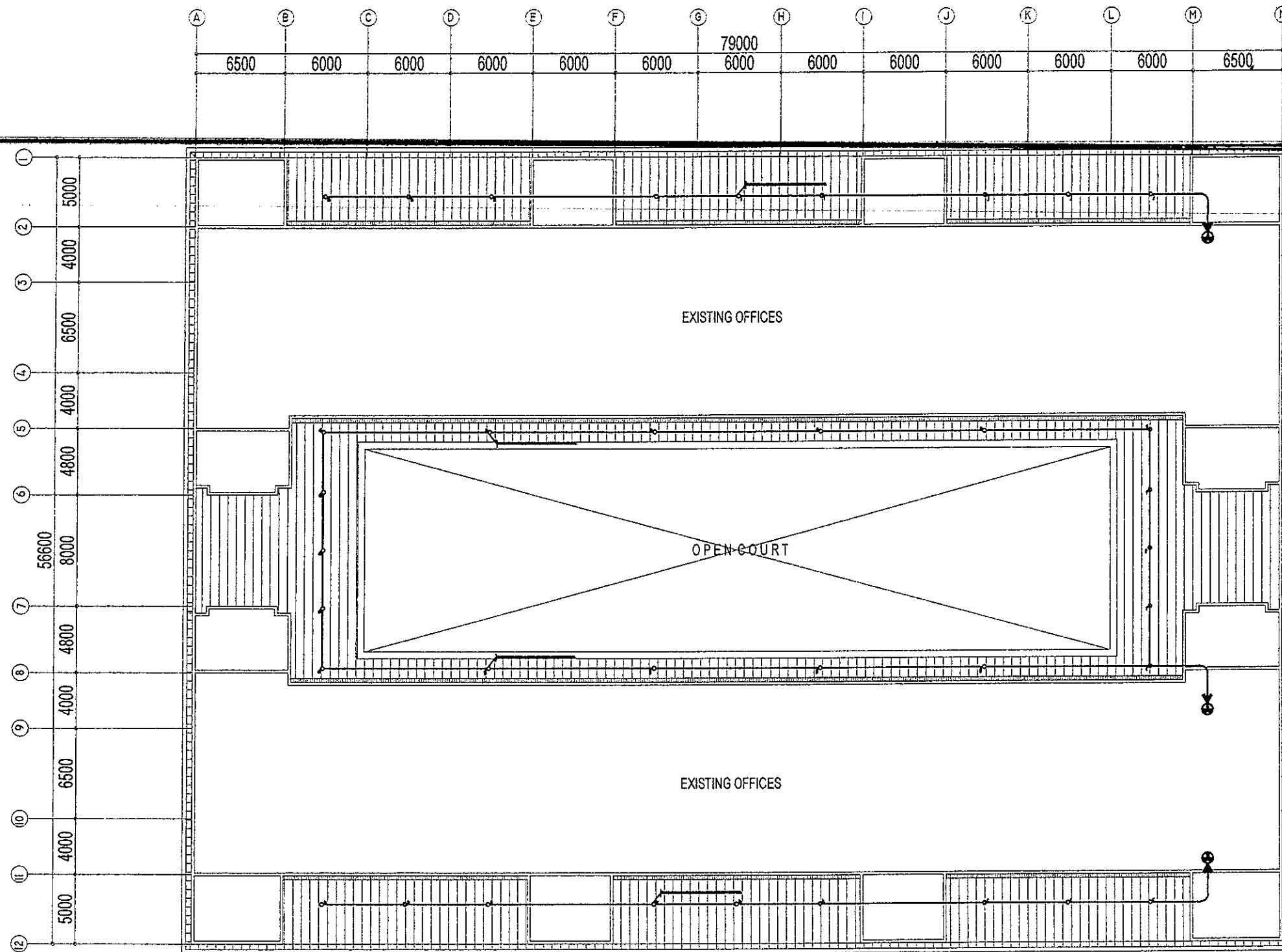
DRAWN BY : JOHN PAUL B. LICARDO TECHNICAL ASSISTANT / ELECTRICAL ENGINEER ETD-DepED	CHECKED BY : SIEGMUND M. SANCHEZ PROFESSIONAL ELECTRICAL ENGINEER ETD-DepED	RECOMMENDING APPROVAL : ANNABELLE R. PANGIAN CHIEF, ETD DepED	RECOMMENDING APPROVAL : ROBERT M. AGUSTIN DIRECTOR IV ADMINISTRATIVE SERVICE DepED	APPROVED BY : NOLASCO A. MEMPO UNDERSECRETARY FOR ADMINISTRATION DepED	PROJECT TITLE : REPAIR/RENOVATION OF ALONZO & RIZAL BUILDINGS OF DEPED CENTRAL OFFICE LOCATION : MERALCO AVENUE, PASIG CITY	PROJECT CODE : OWNER : DEPARTMENT OF EDUCATION DepED SHEET CONTENTS : GROUND FLOOR LIGHTING LAYOUT	SHEET NO. : <div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center;"> E-1 20 </div>
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1
 RIZAL AND ALONZO BUILDING
 SECOND FLOOR LIGHTING LAYOUT
 E-2 SCALE 1:100 M

LIGHTINGS SPECIFICATION :	
□	-2-40W LED PANEL LIGHTING FIXTURE 1200mm x 300mm (IP40), RECESSED-MOUNTED, COB, 5000K-6000K, DAY LIGHT AC 85V - 265V 50/60 Hz (DIFFUSER TYPE)
○	-24W LED DOWNLIGHT (IP40), RECESSED-MOUNTED, COB, 2700-3500K, WARM LIGHT AC 85V - 265V 50/60 Hz
—	-14W T5 LED TUBE LIGHT (1200mm) with T5 Connector, 2700-3000K, WARM LIGHT AC 85V - 265V 50/60 Hz (VERIFY LOCATION & ARCHITECT RECOMMENDATION)
—	-14W T5 LED TUBE LIGHT (1200mm) with T5 Connector, 5000K, DAY LIGHT AC 85V - 265V 50/60 Hz (VERIFY LOCATION & ARCHITECT RECOMMENDATION)
✱	-60W LED DECORATIVE CHANDELIER (HANGING/SUSPENSION MOUNTING), AC 100 - 240V, 50/60 Hz (VERIFY MOUNTING HEIGHT & LOCATION)
◎	-16W LED DOWNLIGHT (IP40), SURFACE-MOUNTED, COB, 2700-3500K, WARM LIGHT AC 85V - 265V, 50/60 Hz
⊗	-2x20W ARCHITECTURAL DIRECTIONAL LIGHT LED, RECESSED MOUNTED (WHITE RIM) 2000K-2500K WARM LIGHT, AC 85V - 265V 50/60 Hz








REPUBLIC OF THE PHILIPPINES DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MERALCO AVENUE, PASIG CITY	DRAWN BY :	CHECKED BY :	RECOMMENDING APPROVAL :	RECOMMENDING APPROVAL :	APPROVED BY :	PROJECT TITLE :	PROJECT CODE :	OWNER :	SHEET NO.:
	 JOHN PAUL B. LICARDO TECHNICAL ASSISTANT / ELECTRICAL ENGINEER DepED	 SIEGMUND M. SANCHEZ PROFESSIONAL ELECTRICAL ENGINEER DepED	 ANNABELLE B. PANSON CHIEF, ETD DepED	 ROBERT M. AGUSTIN DIRECTOR IV ADMINISTRATIVE SERVICE	 NICOLAS A. MEMPIN UNDERSECRETARY FOR ADMINISTRATION DepED	REPAIR/RENOVATION OF ALONZO & RIZAL BUILDINGS OF DEPED CENTRAL OFFICE	LOCATION : MERALCO AVENUE, PASIG CITY	DEPARTMENT OF EDUCATION DepED	SHEET CONTENTS : SECOND FLOOR LIGHTING LAYOUT




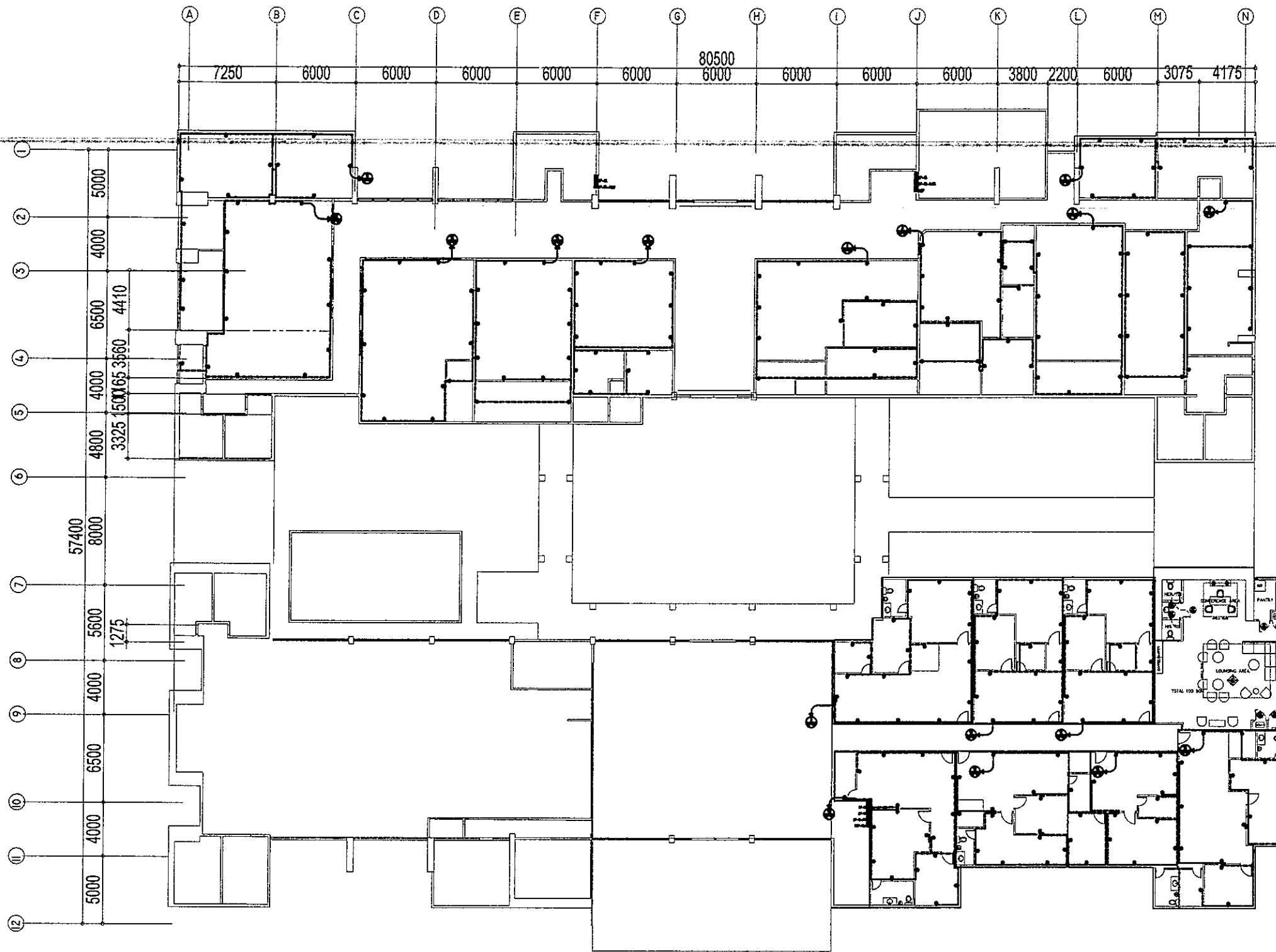
RIZAL AND ALONZO BUILDING ROOF EAVES LIGHTING LAYOUT

1
E-3


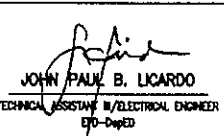
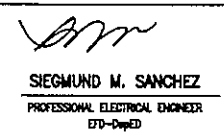
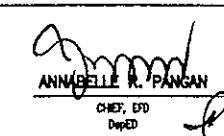
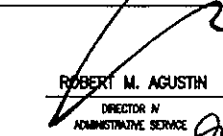
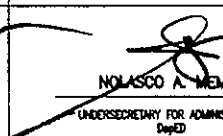
SCALE 1:100 M

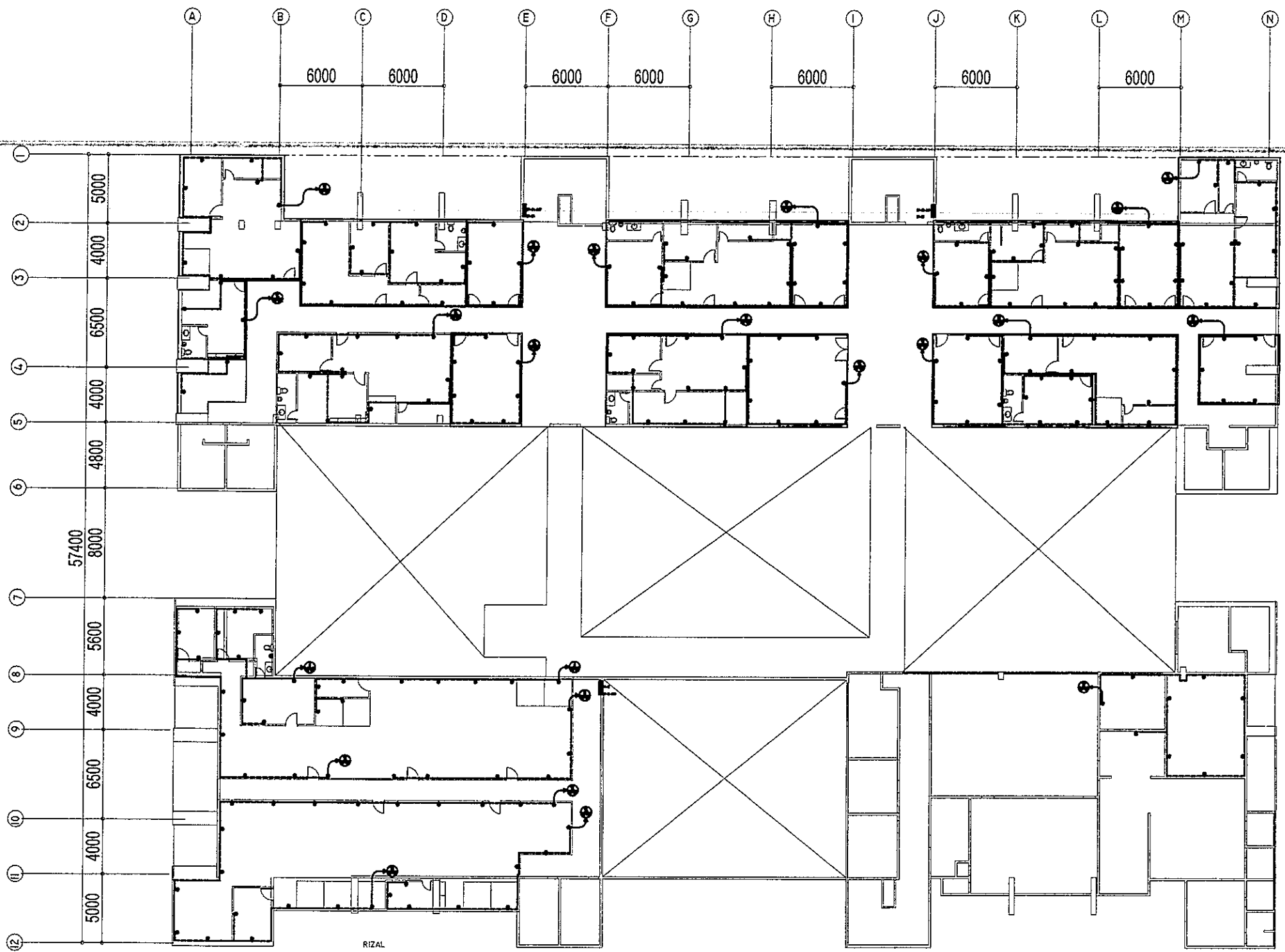
LIGHTINGS SPECIFICATION :	
	-2-40W LED PANEL LIGHTING FIXTURE 1200mm x 300mm (IP40), RECESSED-MOUNTED, COB, 5000K-6000K, DAY LIGHT AC 85V - 265V 50/60 Hz (DIFFUSER TYPE)
	-24W LED DOWNLIGHT (IP40), RECESSED-MOUNTED, COB, 2700-3500K, WARM LIGHT AC 85V - 265V 50/60 Hz
	-14W T5 LED TUBE LIGHT (1200mm) with T5 Connector, 2700-3000K, WARM LIGHT AC 85V - 265V 50/60 Hz (VERIFY LOCATION & ARCHITECT RECOMMENDATION)
	-14W T5 LED TUBE LIGHT (1200mm) with T5 Connector, 5000K, DAY LIGHT AC 85V - 265V 50/60 Hz (VERIFY LOCATION & ARCHITECT RECOMMENDATION)
	-60W LED DECORATIVE CHANDELIER (HANGING/SUSPENSION MOUNTING), AC 100 - 240V, 50/60 Hz (VERIFY MOUNTING HEIGHT & LOCATION)
	-15W LED DOWNLIGHT (IP40), SURFACE-MOUNTED, COB, 2700-3500K, WARM LIGHT AC 85V - 265V, 50/60 Hz
	-2x20W ARCHITECTURAL DIRECTIONAL LIGHT LED, RECESSED MOUNTED (WHITE RIM) 2000K-2500K WARM LIGHT, AC 85V - 265V 50/60 Hz

 <p>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF EDUCATION HQA ATION FACILITIES DIVISION Meralco Avenue, Pasig City</p>	<p>DRAWN BY :</p> <p><i>John Paul B. Licardo</i> JOHN PAUL B. LICARDO TECHNICAL ASSISTANT/ELECTRICAL ENGINEER DepED</p>	<p>CHECKED BY :</p> <p><i>Siegmond M. Sanchez</i> SIEGMUND M. SANCHEZ PROFESSIONAL ELECTRICAL ENGINEER EFD-DepED</p>	<p>RECOMMENDING APPROVAL :</p> <p><i>Annabelle R. Pangan</i> ANNABELLE R. PANGAN CHIEF, EFD DepED</p>	<p>RECOMMENDING APPROVAL :</p> <p><i>Robert M. Agustin</i> ROBERT M. AGUSTIN DIRECTOR IV ADMINISTRATIVE SERVICE DepED</p>	<p>APPROVED BY :</p> <p><i>Nolarco A. Mempin</i> NOLARCO A. MEMPIN UNDERSECRETARY FOR ADMINISTRATION DepED</p>	<p>PROJECT TITLE :</p> <p>REPAIR/RENOVATION OF ALONZO & RIZAL BUILDINGS OF DEPED CENTRAL OFFICE</p> <p>LOCATION : MERALCO AVENUE, PASIG CITY</p>	<p>PROJECT CODE :</p>	<p>OWNER :</p> <p>DEPARTMENT OF EDUCATION DepED</p>	<p>SHEET NO. :</p> <p>E-3 20</p>
	<p>SHEET CONTENTS :</p> <p>ROOF EAVES LIGHTING LAYOUT</p>								



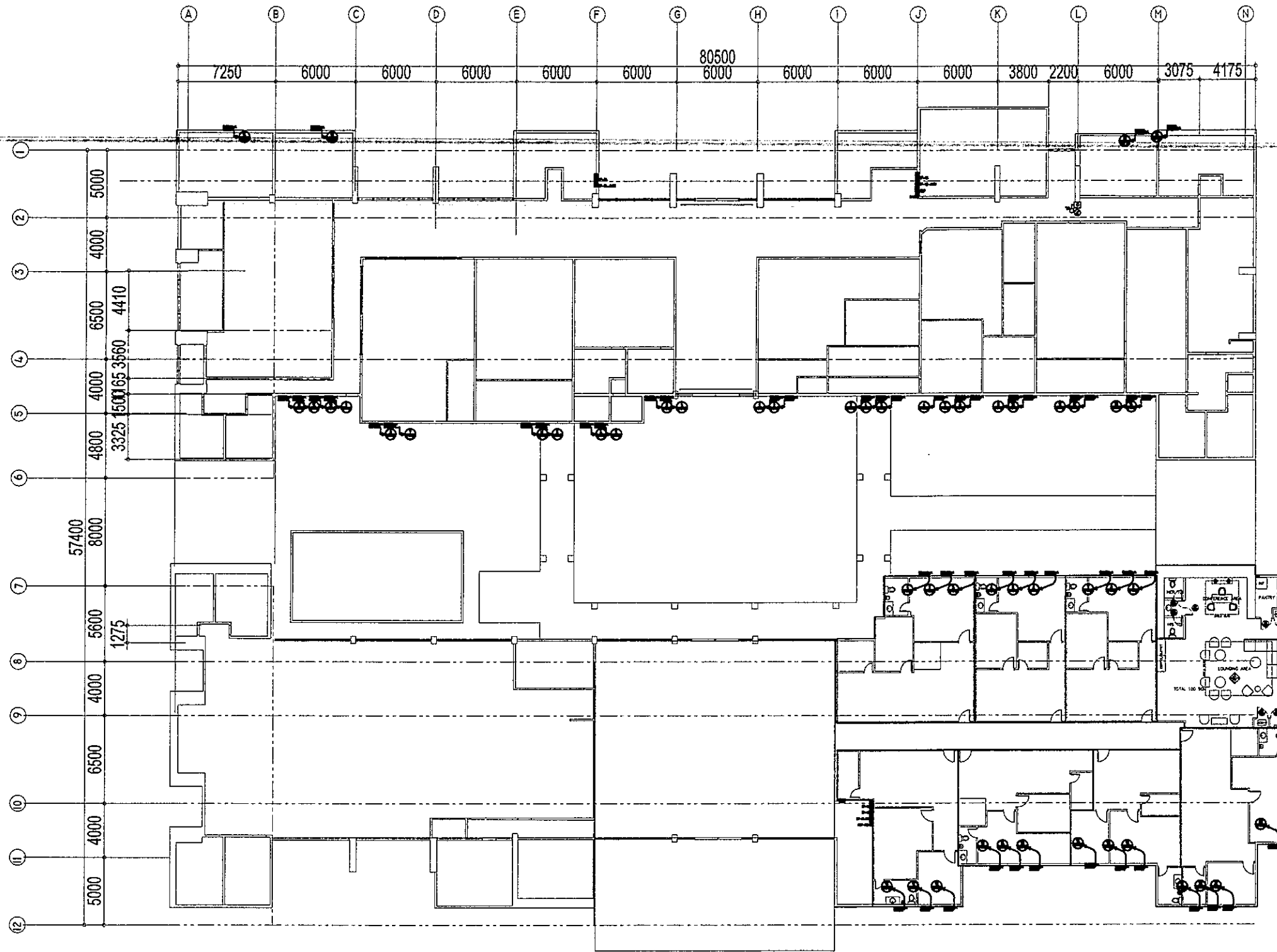
1 RIZAL AND ALONZO BUILDING
 GROUND FLOOR POWER LAYOUT
 E-4 SCALE 1:100 M

 <p>REPUBLIC OF THE PHILIPPINES DepED DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MERALCO AVENUE, PASIG CITY</p>	DRAWN BY :	CHECKED BY :	RECOMMENDING APPROVAL :	RECOMMENDING APPROVAL :	APPROVED BY :	PROJECT TITLE :	PROJECT CODE :	OWNER :	SHEET NO. :
	 JOHN PAUL B. LICARDO TECHNICAL ASSISTANT III/ELECTRICAL ENGINEER ETD-DepED	 SIEGMUND M. SANCHEZ PROFESSIONAL ELECTRICAL ENGINEER ETD-DepED	 ANNABELLE R. PANGAN CHIEF, ETD DepED	 ROBERT M. AGUSTIN DIRECTOR IN ADMINISTRATIVE SERVICE	 NOLASCO A. MAMPIN UNDERSECRETARY FOR ADMINISTRATION DepED	REPAIR/RENOVATION OF ALONZO & RIZAL BUILDINGS OF DEPED CENTRAL OFFICE LOCATION : MERALCO AVENUE, PASIG CITY		DEPARTMENT OF EDUCATION DepED SHEET CONTENTS : GROUND FLOOR POWER LAYOUT	E-4 20



1
 RIZAL AND ALONZO BUILDING
 SECOND FLOOR POWER LAYOUT
 E-5 SCALE 1:100 M

 REPUBLIC OF THE PHILIPPINES DepED DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MERALCO AVENUE, PASIG CITY	DRAWN BY :	CHECKED BY :	RECOMMENDING APPROVAL :	RECOMMENDING APPROVAL :	APPROVED BY :	PROJECT TITLE :	PROJECT CODE :	OWNER :	SHEET NO. :
	 JOHN PAUL B. LICARDO TECHNICAL ASSISTANT II/ELECTRICAL ENGINEER ETD-DepED	 SIEGMUND M. SANCHEZ PROFESSIONAL ELECTRICAL ENGINEER ETD-DepED	 ANNABELLE R. PANGAN CHIEF, ETD DepED	 ROBERT M. AGUSTIN DIRECTOR IV ADMINISTRATIVE SERVICE	 NOLASCO A. MORPIN UNDERSECRETARY FOR ADMINISTRATION DepED	REPAIR/RENOVATION OF ALONZO & RIZAL BUILDINGS OF DEPED CENTRAL OFFICE LOCATION : MERALCO AVENUE, PASIG CITY		DEPARTMENT OF EDUCATION DepED SHEET CONTENTS : SECOND FLOOR POWER LAYOUT	E-5 20

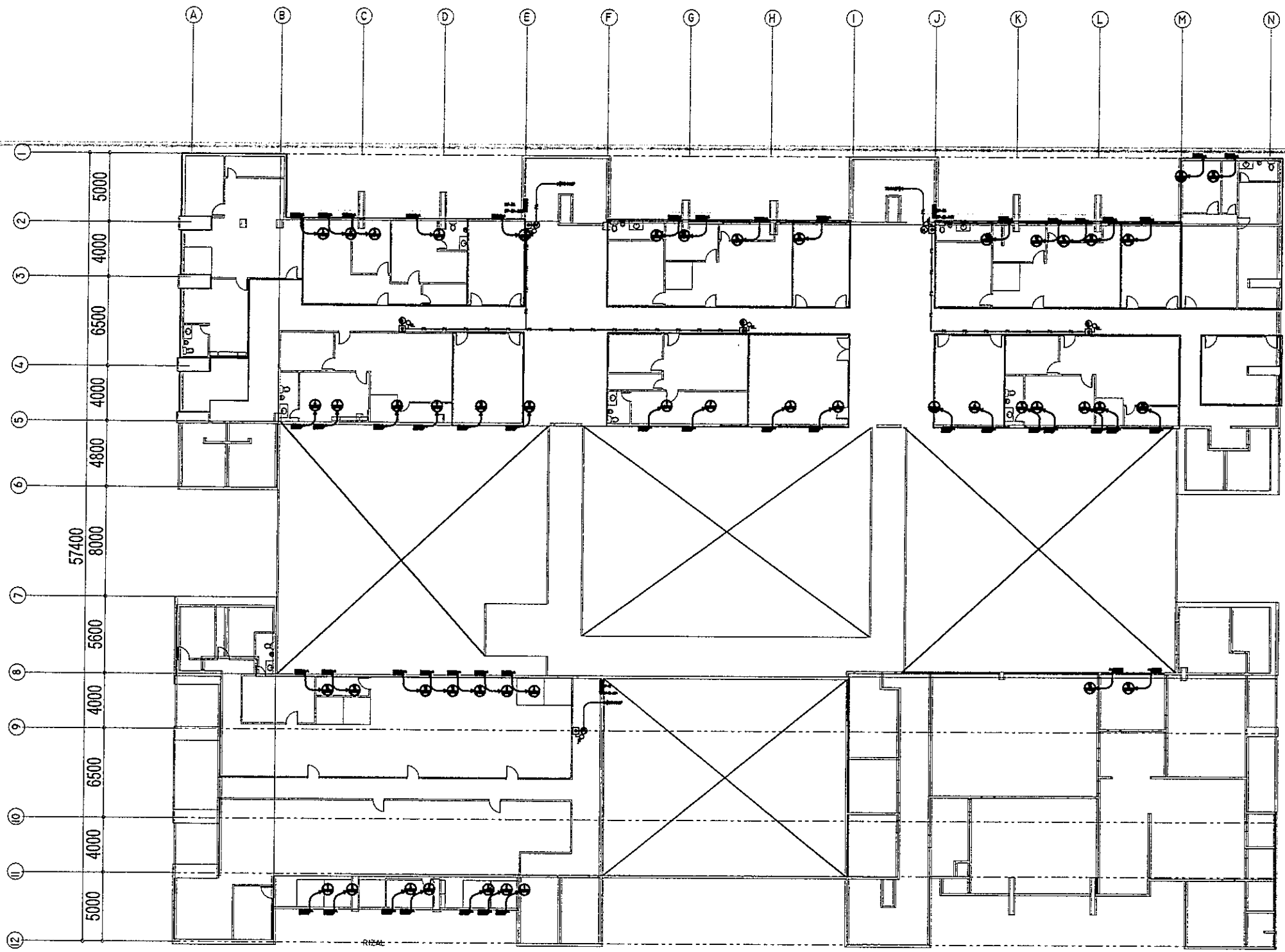


RIZAL AND ALONZO BUILDING
GROUND FLOOR POWER LAYOUT FOR ACCU

1
E-6 SCALE

1:100 M

<p>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MERRILL ROAD AVENUE, PASIG CITY</p>	<p>DRAWN BY :</p> <p><i>John Paul B. Licardo</i> JOHN PAUL B. LICARDO TECHNICAL ASSISTANT II/ELECTRICAL ENGINEER ETD-DepED</p>	<p>CHECKED BY :</p> <p><i>Siegmund M. Sanchez</i> SIEGMUND M. SANCHEZ PROFESSIONAL ELECTRICAL ENGINEER ETD-DepED</p>	<p>RECOMMENDING APPROVAL :</p> <p><i>Annabelle R. Pangasinan</i> ANNABELLE R. PANGASINAN CHIEF, ETD DepED</p>	<p>RECOMMENDING APPROVAL :</p> <p><i>Robert M. Agustin</i> ROBERT M. AGUSTIN DIRECTOR IV ADMINISTRATIVE SERVICE</p>	<p>APPROVED BY :</p> <p><i>Nolasco A. Membrin</i> NOLASCO A. MEMBRIN UNDERSECRETARY FOR ADMINISTRATION DepED</p>	<p>PROJECT TITLE :</p> <p>REPAIR/RENOVATION OF ALONZO & RIZAL BUILDINGS OF DEPED CENTRAL OFFICE</p>	<p>PROJECT CODE :</p>	<p>OWNER :</p> <p>DEPARTMENT OF EDUCATION DepED</p>	<p>SHEET NO.:</p> <p>E-6 20</p>
	<p>LOCATION : MERALCO AVENUE, PASIG CITY</p>						<p>SHEET CONTENTS :</p> <p>GROUND FLOOR POWER LAYOUT FOR ACCU</p>		



RIZAL AND ALONZO BUILDING
 1 SECOND FLOOR POWER LAYOUT FOR ACCU
 E-7 SCALE 1:100 M

NOTE:
 ALL LOCATION OF ECB FOR
 AIRCONDITIONING UNIT (TO
 BE VERIFIED BY THE
 PROJECT-IN-CHARGE)

REPUBLIC OF THE PHILIPPINES DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MERALCO AVENUE, PASIG CITY	DRAWN BY :	CHECKED BY :	RECOMMENDING APPROVAL :	RECOMMENDING APPROVAL :	APPROVED BY :	PROJECT TITLE :	PROJECT CODE :	OWNER :	SHEET NO.:
	 JOHN PAUL B. LICARDO <small>TECHNICAL ASSISTANT/ ELECTRICAL ENGINEER ETD-DepED</small>	 SIEGMUND M. SANCHEZ <small>PROFESSIONAL ELECTRICAL ENGINEER ETD-DepED</small>	 ANNABELLE R. PANGAN <small>CHIEF, EFD DepED</small>	 ROBERT M. AGUSTIN <small>DIRECTOR IV ADMINISTRATIVE SERVICE</small>	 NOLASCO A. MERPIN <small>UNDERSECRETARY FOR ADMINISTRATION DepED</small>	REPAIR/RENOVATION OF ALONZO & RIZAL BUILDINGS OF DEPED CENTRAL OFFICE LOCATION : MERALCO AVENUE, PASIG CITY		DEPARTMENT OF EDUCATION DepED SHEET CONTENTS : SECOND FLOOR POWER LAYOUT FOR ACCU	E-7 20

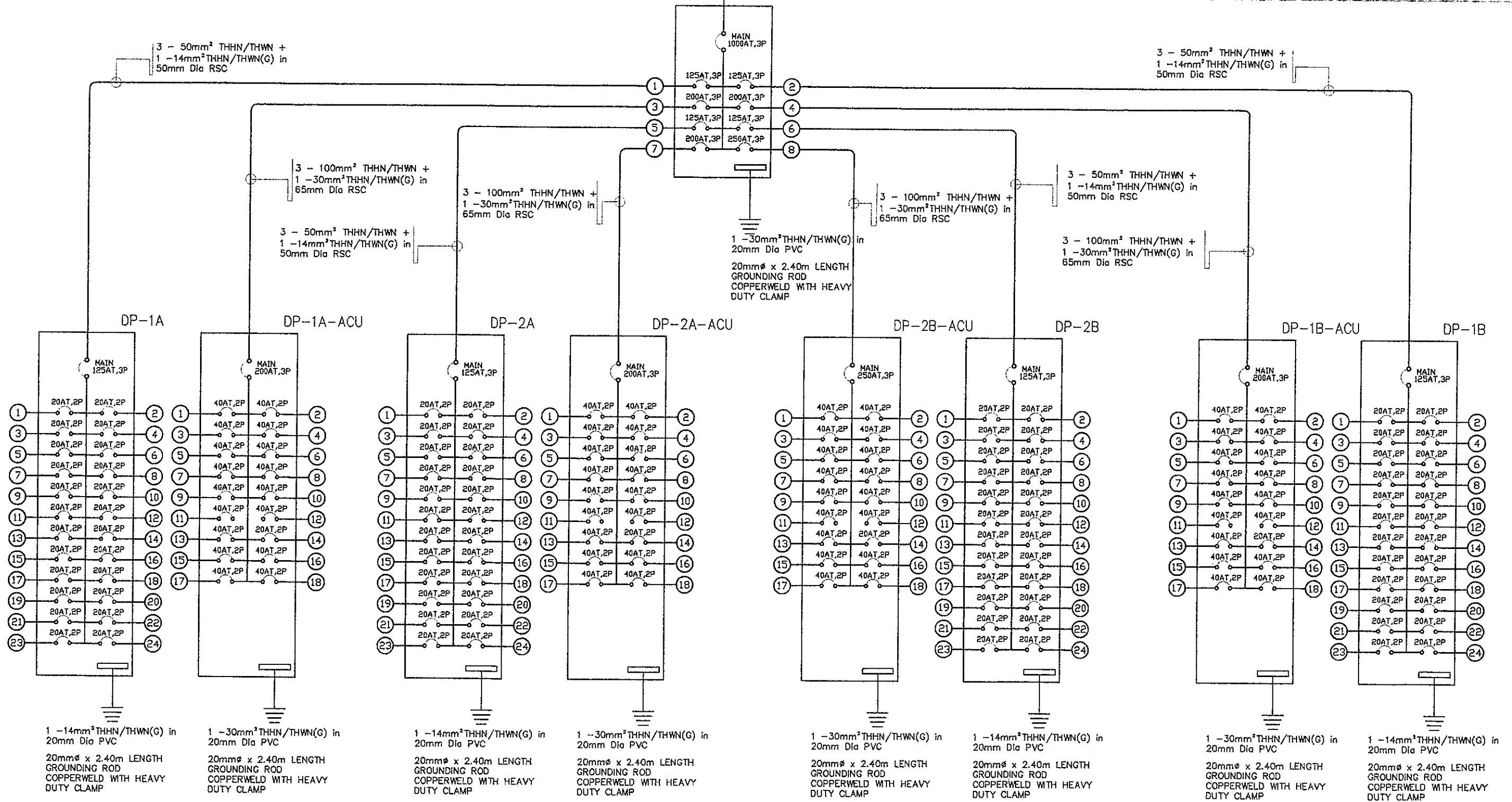
ALONZO BUILDING ELECTRICAL RISER DIAGRAM

1
E-8 SCALE

NTS

CONNECT TO FEEDER LOCATED AT POWER ROOM UNDER THE SUPERVISION OF GENERAL SERVICE DIVISION (GSD)

4 SETS OF 3 - 200mm² THHN/THWN + 1 - 50mm² THHN/THWN(G) in 100mm Dia PVC



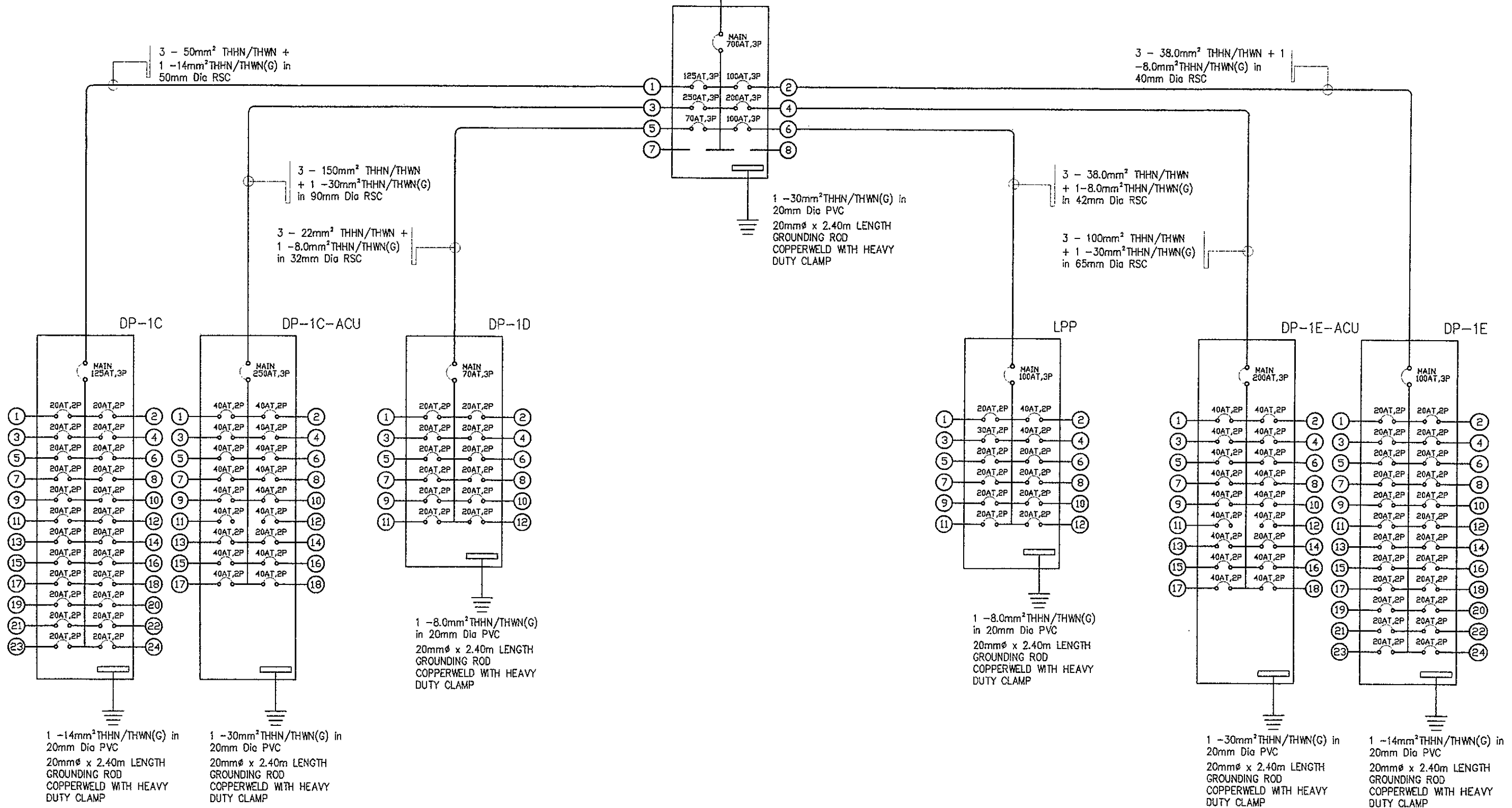
<p>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MERALCO AVENUE, PASIG CITY</p>	<p>DRAWN BY :</p> <p><i>John Paul B. Licardo</i> JOHN PAUL B. LICARDO TECHNICAL ASSISTANT 8/ELECTRICAL ENGINEER EFD-DepED</p>	<p>CHECKED BY :</p> <p><i>Sietchung M. Sanchez</i> SIECHUNG M. SANCHEZ PROFESSIONAL ELECTRICAL ENGINEER EFD-DepED</p>	<p>RECOMMENDING APPROVAL :</p> <p><i>Annaelle R. Pangan</i> ANNAELLE R. PANGAN CHIEF, EFD DepED</p>	<p>RECOMMENDING APPROVAL :</p> <p><i>Robert M. Agustin</i> ROBERT M. AGUSTIN DIRECTOR IV ADMINISTRATIVE SERVICE</p>	<p>APPROVED BY :</p> <p><i>Nolasco A. Merpin</i> NOLASCO A. MERPIN UNDERSECRETARY FOR ADMINISTRATION DepED</p>	<p>PROJECT TITLE :</p> <p>REPAIR/RENOVATION OF ALONZO & RIZAL BUILDINGS OF DEPED CENTRAL OFFICE</p>	<p>PROJECT CODE :</p>	<p>OWNER :</p> <p>DEPARTMENT OF EDUCATION DepED</p>	<p>SHEET NO. :</p> <p>E-8 20</p>
	<p>LOCATION : MERALCO AVENUE, PASIG CITY</p>						<p>SHEET CONTENTS :</p> <p>ELECTRICAL RISER DIAGRAM FOR ALONZO BLDG.</p>		

RIZAL BUILDING ELECTRICAL RISER DIAGRAM

1
E-9 SCALE

CONNECT TO FEEDER LOCATED
AT POWER ROOM
UNDER THE SUPERVISION OF
GENERAL SERVICE DIVISION (GSD)
NTS.

3 SETS OF 3 - 175.0mm² THHN/THWN + 1
-50mm²THHN/THWN(G) in 100mm Dia PVC



REPUBLIC OF THE PHILIPPINES



DRAWN BY :

JOHN PAUL B. LICARDO
TECHNICAL ASSISTANT / ELECTRICAL ENGINEER
DepEd

CHECKED BY :

SEBASTIAN M. SANCHEZ
PROFESSIONAL ELECTRICAL ENGINEER
DepEd

RECOMMENDING APPROVAL :

ANNABELLE R. PANGAN
CHIEF, ETD
DepEd

RECOMMENDING APPROVAL :

ROBERT M. AGUSTIN
DIRECTOR IV
ADMINISTRATIVE SERVICE

APPROVED BY :

NOLASCO A. MEMPIN
UNDERSECRETARY FOR ADMINISTRATION
DepEd

PROJECT TITLE :

REPAIR/RENOVATION OF
ALONZO & RIZAL BUILDINGS
OF DEPED CENTRAL OFFICE

PROJECT CODE :

OWNER :

DEPARTMENT OF EDUCATION
DepEd

LOCATION : MERALCO AVENUE, PASIG CITY

SHEET CONTENTS :

ELECTRICAL RISER DIAGRAM FOR RIZAL BLDG.

SHEET NO. :

E-9
20

ALONZO BUILDING SCHEDULE OF LOADS

1
E-10 SCALE

PANEL LOCATION		GROUND FLOOR LEFT WING (ALONZO BLDG)		SCHEDULE OF LOADS										MAIN FEEDER SIZE			MAIN BREAKER SIZE		
ENCLOSURE TYPE		NEMA 1		DP-1A										X 50 R.Y.BK AT 125 A			G 14 GREEN AF 150 A		
VOLTAGE SYSTEM		230												SETS 1 P 3 P			TYPE THHN/THWN KAIC 22 P		
PHASE SYSTEM		3PH, 40HZ																	
CKT. NO.	DESCRIPTION	V	VA	AMPERES				CB			WIRE SIZE (mm ²)			CONDUIT SIZE (mm ²)					
				AB	BC	CD	3φ	AT	AF	P	X	G							
1	40W LED LIGHTS PANEL	230	1050.00	4.57				20	50	2	2-	3.5	1-	3.5	20	PVC			
2	40W LED LIGHTS PANEL	230	1470.00	6.39				20	50	2	2-	3.5	1-	3.5	20	PVC			
3	40W LED LIGHTS PANEL	230	350.00		1.52			20	50	2	2-	3.5	1-	3.5	20	PVC			
4	24W LED DOWNLIGHT (LEFT CORRIDOR)	230	1540.00		4.70			20	50	2	2-	3.5	1-	3.5	20	PVC			
5	24W LED DOWNLIGHT (LEFT CORRIDOR)	230	700.00			3.04		20	50	2	2-	3.5	1-	3.5	20	PVC			
6	40W LED LIGHTS PANEL	230	1260.00			5.48		20	50	2	2-	3.5	1-	3.5	20	PVC			
7	40W LED LIGHTS PANEL	230	1330.00	5.78				20	50	2	2-	3.5	1-	3.5	20	PVC			
8	40W LED LIGHTS PANEL, 1- 24W LED DOWNLIGHT	230	1930.00	5.78				20	50	2	2-	3.5	1-	3.5	20	PVC			
9	14W LED TS COVE LIGHT (WARM LIGHT) @ CENTER OF ALONZO BLDG	230	2170.00		9.43			20	50	2	2-	3.5	1-	3.5	20	PVC			
10	14- 24W LED DOWNLIGHT, 8- 16W DIRECTIONAL LED LIGHT (WARM LIGHT) @ CENTER OF ALONZO BLDG	230	1540.00		4.70			20	50	2	2-	3.5	1-	3.5	20	PVC			
11	CONVENIENCE OUTLET	230	1980.00			8.41		20	50	2	2-	3.5	1-	3.5	20	PVC			
12	CONVENIENCE OUTLET	230	1980.00			8.41		20	50	2	2-	3.5	1-	3.5	20	PVC			
13	CONVENIENCE OUTLET	230	2160.00	9.39				20	50	2	2-	3.5	1-	3.5	20	PVC			
14	CONVENIENCE OUTLET	230	2160.00	9.39				20	50	2	2-	3.5	1-	3.5	20	PVC			
15	CONVENIENCE OUTLET	230	2520.00		10.94			20	50	2	2-	3.5	1-	3.5	20	PVC			
16	FACP	230	900.00		3.91			20	50	2	2-	3.5	1-	3.5	20	PVC			
17	SPARE	230	1000.00			4.35		20	50	2	2-	3.5	1-	3.5	20	PVC			
18	SPARE	230	1000.00			4.35		20	50	2	2-	3.5	1-	3.5	20	PVC			
19	SPARE	230	1000.00	4.35				20	50	2	2-	3.5	1-	3.5	20	PVC			
20	SPARE	230	1000.00	4.35				20	50	2	2-	3.5	1-	3.5	20	PVC			
21	SPARE	230	1000.00			4.35		20	50	2	2-	3.5	1-	3.5	20	PVC			
22	SPARE	230	1000.00			4.35		20	50	2	2-	3.5	1-	3.5	20	PVC			
23	SPARE	230	1000.00			4.35		20	50	2	2-	3.5	1-	3.5	20	PVC			
24	SPARE	230	1000.00			4.35		20	50	2	2-	3.5	1-	3.5	20	PVC			
TOTAL CONNECTED LOAD			50.00	47.91	43.13	0.00										14%			
FOR FEEDER CURRENT		3PH + 1PH LOAD = 86.61 A		SIZE FOR MAIN FEEDER (mm ²)				FOR MAIN BREAKER SIZE											
25 % OF HIGHEST CONTINUOUS LOAD		= 2.74 A		X 50.0				G 14.0			125 AT			150 AF					
HIGHEST CURRENT LOAD		= 10.94 A		NO. OF SET 1				3			P			P					
DEMAND FACTOR		= 80%		SIZE OF CONDUIT				22			KAIC								
PH	FEEDER	= 71.48 A		50				RSC			MCCB, BOLT-ON								
1.73	MAIN CIRCUIT BREAKER	= 84.63 A																	

PANEL LOCATION		GROUND FLOOR RIGHT WING (ALONZO BLDG)		SCHEDULE OF LOADS										MAIN FEEDER SIZE			MAIN BREAKER SIZE		
ENCLOSURE TYPE		NEMA 1		DP-1B										X 50 R.Y.BK AT 125 A			G 14 GREEN AF 150 A		
VOLTAGE SYSTEM		230												SETS 1 P 3 P			TYPE THHN/THWN KAIC 22 P		
PHASE SYSTEM		3PH, 40HZ																	
CKT. NO.	DESCRIPTION	V	VA	AMPERES				CB			WIRE SIZE (mm ²)			CONDUIT SIZE (mm ²)					
				AB	BC	CD	3φ	AT	AF	P	X	G							
1	24W LED DOWNLIGHT (RIGHT CORRIDOR)	230	1680.00	7.30				20	50	2	2-	3.5	1-	3.5	20	PVC			
2	40W LED LIGHTS PANEL	230	1680.00	7.30				20	50	2	2-	3.5	1-	3.5	20	PVC			
3	40W LED LIGHTS PANEL	230	1750.00		7.61			20	50	2	2-	3.5	1-	3.5	20	PVC			
4	40W LED LIGHTS PANEL	230	1260.00			5.48		20	50	2	2-	3.5	1-	3.5	20	PVC			
5	40W LED LIGHTS PANEL	230	1960.00			8.52		20	50	2	2-	3.5	1-	3.5	20	PVC			
6	40W LED LIGHTS PANEL	230	980.00			4.24		20	50	2	2-	3.5	1-	3.5	20	PVC			
7	CONVENIENCE OUTLET	230	2340.00	10.17				20	50	2	2-	3.5	1-	3.5	20	PVC			
8	CONVENIENCE OUTLET	230	2340.00	10.17				20	50	2	2-	3.5	1-	3.5	20	PVC			
9	CONVENIENCE OUTLET	230	2520.00		10.94			20	50	2	2-	3.5	1-	3.5	20	PVC			
10	CONVENIENCE OUTLET	230	3060.00		13.30			20	50	2	2-	3.5	1-	3.5	20	PVC			
11	CONVENIENCE OUTLET	230	1800.00			7.83		20	50	2	2-	3.5	1-	3.5	20	PVC			
12	SPARE	230	1000.00			4.35		20	50	2	2-	3.5	1-	3.5	20	PVC			
13	SPARE	230	1000.00			4.35		20	50	2	2-	3.5	1-	3.5	20	PVC			
14	SPARE	230	1000.00	4.35				20	50	2	2-	3.5	1-	3.5	20	PVC			
15	SPARE	230	1000.00			4.35		20	50	2	2-	3.5	1-	3.5	20	PVC			
16	SPARE	230	1000.00			4.35		20	50	2	2-	3.5	1-	3.5	20	PVC			
17	SPARE	230	1500.00			6.52		20	50	2	2-	3.5	1-	3.5	20	PVC			
18	SPARE	230	1500.00			6.52		20	50	2	2-	3.5	1-	3.5	20	PVC			
TOTAL CONNECTED LOAD			43.65	46.04	39.00	0.00										17%			
FOR FEEDER CURRENT		3PH + 1PH LOAD = 79.75 A		SIZE FOR MAIN FEEDER (mm ²)				FOR MAIN BREAKER SIZE											
25 % OF HIGHEST CONTINUOUS LOAD		= 3.33 A		X 50.0				G 14.0			125 AT			150 AF					
HIGHEST CURRENT LOAD		= 13.30 A		NO. OF SET 1				3			P			P					
DEMAND FACTOR		= 80%		SIZE OF CONDUIT				22			KAIC								
PH	FEEDER	= 66.46 A		50				RSC			MCCB, BOLT-ON								
1.73	MAIN CIRCUIT BREAKER	= 82.43 A																	

PANEL LOCATION		SECOND FLOOR LEFT WING (ALONZO BLDG)		SCHEDULE OF LOADS										MAIN FEEDER SIZE			MAIN BREAKER SIZE		
ENCLOSURE TYPE		NEMA 1		DP-2A										X 50 R.Y.BK AT 125 A			G 14 GREEN AF 150 A		
VOLTAGE SYSTEM		230												SETS 1 P 3 P			TYPE THHN/THWN KAIC 22 P		
PHASE SYSTEM		3PH, 40HZ																	
CKT. NO.	DESCRIPTION	V	VA	AMPERES				CB			WIRE SIZE (mm ²)			CONDUIT SIZE (mm ²)					
				AB	BC	CD	3φ	AT	AF	P	X	G							
1	40W LED LIGHTS PANEL 1- 24W LED DOWNLIGHT	230	1680.00	7.30				20	50	2	2-	3.5	1-	3.5	20	PVC			
2	40W LED LIGHTS PANEL	230	1190.00	5.17				20	50	2	2-	3.5	1-	3.5	20	PVC			
3	24W LED DOWNLIGHT (LEFT CORRIDOR)	230	1260.00		5.48			20	50	2	2-	3.5	1-	3.5	20	PVC			
4	40W LED LIGHTS PANEL, 1- 24W LED DOWNLIGHT	230	630.00		2.74			20	50	2	2-	3.5	1-	3.5	20	PVC			
5	40W LED LIGHTS PANEL	230	540.00			2.43		20	50	2	2-	3.5	1-	3.5	20	PVC			
6	40W LED LIGHTS PANEL, 2- 24W LED DOWNLIGHT	230	910.00			3.94		20	50	2	2-	3.5	1-	3.5	20	PVC			
7	14W LED TS COVE LIGHT (WARM LIGHT) @ LEFT CORRIDOR OF ALONZO BLDG	230	2170.00	1.43				20	50	2	2-	3.5	1-	3.5	20	PVC			
8	24W LED DOWNLIGHT @ LEFT CORRIDOR OF ALONZO BLDG	230	1470.00	4.39				20	50	2	2-	3.5	1-	3.5	20	PVC			
9	40W LED LIGHTS PANEL, 2- 24W LED DOWNLIGHT	230	2240.00			1.74		20	50	2	2-	3.5	1-	3.5	20	PVC			
10	24W LED DOWNLIGHT (CORRIDOR)	230	540.00			2.43		20	50	2	2-	3.5	1-	3.5	20	PVC			
11	CONVENIENCE OUTLET	230	3040.00			13.30		20	50	2	2-	3.5	1-	3.5	20	PVC			
12	CONVENIENCE OUTLET	230	1420.00			7.04		20	50	2	2-	3.5	1-	3.5	20	PVC			
13	CONVENIENCE OUTLET	230	1900.00	3.91				20	50	2	2-	3.5	1-	3.5	20	PVC			
14	CONVENIENCE OUTLET	230	2160.00	9.39				20	50	2	2-	3.5	1-	3.5	20	PVC			
15	CONVENIENCE OUTLET	230	1260.00			5.48		20	50	2	2-	3.5	1-	3.5	20	PVC			
16	CONVENIENCE OUTLET	230	600.00			2.41		20	50	2	2-	3.5	1-	3.5	20	PVC			
17	CONVENIENCE OUTLET	230	600.00			2.41		20	50	2	2-	3.5	1-	3.5	20	PVC			
18	SPARE	230	1000.00			4.35		20	50	2	2-	3.5	1-	3.5	20	PVC			
19	SPARE	230	1000.00			4.35		20	50	2	2-	3.5	1-	3.5	20	PVC			
20	SPARE	230	1000.00	4.35				20	50	2	2-	3.5	1-	3.5	20	PVC			
21	SPARE	230	1500.00			6.52		20	50	2	2-	3.5	1-	3.5	20	PVC			
22	SPARE	230	1500.00			6.52		20	50	2	2-	3.5	1-	3.5	20	PVC			
23	SPARE	230	1500.00			6.52		20	50	2	2-	3.5	1-	3.5	20	PVC			
24	SPARE	230	1500.00			6.52		20	50	2	2-	3.5	1-	3.5	20	PVC			
TOTAL CONNECTED LOAD			50.30	41.52	46.74	0.00										17%			
FOR FEEDER CURRENT		3PH + 1PH LOAD = 87.13 A		SIZE FOR MAIN FEEDER (mm ²)				FOR MAIN BREAKER SIZE											
25 % OF HIGHEST CONTINUOUS LOAD		= 3.33 A		X 50.0				G 14.0			125 AT			150 AF					
HIGHEST CURRENT LOAD		= 13.30 A		NO. OF SET 1				3			P			P					
DEMAND FACTOR		= 80%		SIZE OF CONDUIT				22			KAIC								
PH	FEEDER	= 72.37 A		50				RSC			MCCB, BOLT-ON								
1.73	MAIN CIRCUIT BREAKER	= 88.33 A																	

PANEL LOCATION		SECOND FLOOR RIGHT WING (ALONZO BLDG)		SCHEDULE OF LOADS										MAIN FEEDER SIZE			MAIN BREAKER SIZE		
ENCLOSURE TYPE		NEMA 1		DP-2B										X 50 R.Y.BK AT 125 A			G 14 GREEN AF 150 A		
VOLTAGE SYSTEM		230												SETS 1 P 3 P			TYPE THHN/THWN KAIC 22 P		
PHASE SYSTEM		3PH, 40HZ																	
CKT. NO.	DESCRIPTION	V	VA	AMPERES				CB											

ALONZO BUILDING SCHEDULE OF LOADS

1
E-11 SCALE

PANEL LOCATION		GROUND FLOOR LEFT WING (ALONZO BLDG)		SCHEDULE OF LOADS										MAIN FEEDER SIZE			MAIN BREAKER SIZE		
ENCLOSURE TYPE		NEMA 1		DP-1A-ACU										X	100	R,Y,BK	AT	200	A
VOLTAGE SYSTEM		230												SETS	1	GREEN	AF	400	A
PHASE SYSTEM		3PH, 60HZ												TYPE	THHN/THWN	KAIC	22	3	P
CKT. NO	DESCRIPTION	V	VA	AMPERES				CB			WIRE SIZE (mm ²)			CONDUIT SIZE (mm)					
1	AIRCONDITIONING UNIT	230	3450.00	15.00				40	50	2	2-	8.0	1-	5.5	25	PVC			
2	AIRCONDITIONING UNIT	230	3450.00	15.00				40	50	2	2-	8.0	1-	5.5	25	PVC			
3	AIRCONDITIONING UNIT	230	3450.00		15.00			40	50	2	2-	8.0	1-	5.5	25	PVC			
4	AIRCONDITIONING UNIT	230	3450.00		15.00			40	50	2	2-	8.0	1-	5.5	25	PVC			
5	AIRCONDITIONING UNIT	230	3450.00			15.00		40	50	2	2-	8.0	1-	5.5	25	PVC			
6	AIRCONDITIONING UNIT	230	3450.00		15.00			40	50	2	2-	8.0	1-	5.5	25	PVC			
7	AIRCONDITIONING UNIT	230	3450.00	15.00				40	50	2	2-	8.0	1-	5.5	25	PVC			
8	AIRCONDITIONING UNIT	230	3450.00	15.00				40	50	2	2-	8.0	1-	5.5	25	PVC			
9	AIRCONDITIONING UNIT	230	3450.00		15.00			40	50	2	2-	8.0	1-	5.5	25	PVC			
10	AIRCONDITIONING UNIT	230	3450.00		15.00			40	50	2	2-	8.0	1-	5.5	25	PVC			
11	AIRCONDITIONING UNIT	230	3450.00		15.00			40	50	2	2-	8.0	1-	5.5	25	PVC			
12	AIRCONDITIONING UNIT	230	3450.00		15.00			40	50	2	2-	8.0	1-	5.5	25	PVC			
13	AIRCONDITIONING UNIT	230	3450.00	15.00				40	50	2	2-	8.0	1-	5.5	25	PVC			
14	AIRCONDITIONING UNIT	230	3450.00	15.00				40	50	2	2-	8.0	1-	5.5	25	PVC			
15	SPARE	230	3450.00		15.00			40	50	2	2-	8.0	1-	5.5	25	PVC			
16	SPARE	230	3450.00		15.00			40	50	2	2-	8.0	1-	5.5	25	PVC			
17	SPARE	230	3450.00		15.00			40	50	2	2-	8.0	1-	5.5	25	PVC			
18	SPARE	230	3450.00		15.00			40	50	2	2-	8.0	1-	5.5	25	PVC			
TOTAL CONNECTED LOAD				90.00	90.00	90.00	0.00											0%	
FOR FEEDER CURRENT				SIZE FOR MAIN FEEDER (mm ²)				FOR MAIN BREAKER SIZE											
3PH + 1PH LOAD = 155.89 A				X	G	200		AT											
25% OF HIGHEST CONTINUOUS LOAD = 3.75 A				3-	100.0	1-	30.0	400		AF									
HIGHEST CURRENT LOAD = 15.00 A				NO. OF SET				1		3		P							
DEMAND FACTOR = 100%				SIZE OF CONDUIT				22		KAIC									
PH	FEEDER	159.64 A																	
1.73	MAIN CIRCUIT BREAKER	182.14 A		65				RSC		MCCB, BOLT-ON									

PANEL LOCATION		GROUND FLOOR RIGHT WING (ALONZO BLDG)		SCHEDULE OF LOADS										MAIN FEEDER SIZE			MAIN BREAKER SIZE		
ENCLOSURE TYPE		NEMA 1		DP-1B-ACU										X	100	R,Y,BK	AT	200	A
VOLTAGE SYSTEM		230												SETS	1	GREEN	AF	400	A
PHASE SYSTEM		3PH, 60HZ												TYPE	THHN/THWN	KAIC	22	3	P
CKT. NO	DESCRIPTION	V	VA	AMPERES				CB			WIRE SIZE (mm ²)			CONDUIT SIZE (mm)					
1	AIRCONDITIONING UNIT	230	3450.00	15.00				40	50	2	2-	8.0	1-	5.5	25	PVC			
2	AIRCONDITIONING UNIT	230	3450.00	15.00				40	50	2	2-	8.0	1-	5.5	25	PVC			
3	AIRCONDITIONING UNIT	230	3450.00		15.00			40	50	2	2-	8.0	1-	5.5	25	PVC			
4	AIRCONDITIONING UNIT	230	3450.00		15.00			40	50	2	2-	8.0	1-	5.5	25	PVC			
5	AIRCONDITIONING UNIT	230	3450.00		15.00			40	50	2	2-	8.0	1-	5.5	25	PVC			
6	AIRCONDITIONING UNIT	230	3450.00		15.00			40	50	2	2-	8.0	1-	5.5	25	PVC			
7	AIRCONDITIONING UNIT	230	3450.00	15.00				40	50	2	2-	8.0	1-	5.5	25	PVC			
8	AIRCONDITIONING UNIT	230	3450.00	15.00				40	50	2	2-	8.0	1-	5.5	25	PVC			
9	AIRCONDITIONING UNIT	230	3450.00		15.00			40	50	2	2-	8.0	1-	5.5	25	PVC			
10	AIRCONDITIONING UNIT	230	3450.00		15.00			40	50	2	2-	8.0	1-	5.5	25	PVC			
11	AIRCONDITIONING UNIT	230	3450.00		15.00			40	50	2	2-	8.0	1-	5.5	25	PVC			
12	AIRCONDITIONING UNIT	230	3450.00		15.00			40	50	2	2-	8.0	1-	5.5	25	PVC			
13	AIRCONDITIONING UNIT	230	3450.00	15.00				40	50	2	2-	8.0	1-	5.5	25	PVC			
14	AIRCONDITIONING UNIT	230	3450.00	15.00				40	50	2	2-	8.0	1-	5.5	25	PVC			
15	AIRCONDITIONING UNIT	230	3450.00		15.00			40	50	2	2-	8.0	1-	5.5	25	PVC			
16	AIRCONDITIONING UNIT	230	3450.00		15.00			40	50	2	2-	8.0	1-	5.5	25	PVC			
17	SPARE	230	3450.00		15.00			40	50	2	2-	8.0	1-	5.5	25	PVC			
18	SPARE	230	3450.00		15.00			40	50	2	2-	8.0	1-	5.5	25	PVC			
TOTAL CONNECTED LOAD				90.00	90.00	90.00	0.00											0%	
FOR FEEDER CURRENT				SIZE FOR MAIN FEEDER (mm ²)				FOR MAIN BREAKER SIZE											
3PH + 1PH LOAD = 155.89 A				X	G	200		AT											
25% OF HIGHEST CONTINUOUS LOAD = 3.75 A				3-	100.0	1-	30.0	400		AF									
HIGHEST CURRENT LOAD = 15.00 A				NO. OF SET				1		3		P							
DEMAND FACTOR = 100%				SIZE OF CONDUIT				22		KAIC									
PH	FEEDER	159.64 A																	
1.73	MAIN CIRCUIT BREAKER	182.14 A		65				RSC		MCCB, BOLT-ON									

PANEL LOCATION		SECOND FLOOR LEFT WING (ALONZO BLDG)		SCHEDULE OF LOADS										MAIN FEEDER SIZE			MAIN BREAKER SIZE		
ENCLOSURE TYPE		NEMA 1		DP-2A-ACU										X	100	R,Y,BK	AT	200	A
VOLTAGE SYSTEM		230												SETS	1	GREEN	AF	400	A
PHASE SYSTEM		3PH, 60HZ												TYPE	THHN/THWN	KAIC	22	3	P
CKT. NO	DESCRIPTION	V	VA	AMPERES				CB			WIRE SIZE (mm ²)			CONDUIT SIZE (mm)					
1	AIRCONDITIONING UNIT	230	3450.00	15.00				40	50	2	2-	8.0	1-	5.5	25	PVC			
2	AIRCONDITIONING UNIT	230	3450.00	15.00				40	50	2	2-	8.0	1-	5.5	25	PVC			
3	AIRCONDITIONING UNIT	230	3450.00		15.00			40	50	2	2-	8.0	1-	5.5	25	PVC			
4	AIRCONDITIONING UNIT	230	3450.00		15.00			40	50	2	2-	8.0	1-	5.5	25	PVC			
5	AIRCONDITIONING UNIT	230	3450.00		15.00			40	50	2	2-	8.0	1-	5.5	25	PVC			
6	AIRCONDITIONING UNIT	230	3450.00		15.00			40	50	2	2-	8.0	1-	5.5	25	PVC			
7	AIRCONDITIONING UNIT	230	3450.00	15.00				40	50	2	2-	8.0	1-	5.5	25	PVC			
8	AIRCONDITIONING UNIT	230	3450.00	15.00				40	50	2	2-	8.0	1-	5.5	25	PVC			
9	AIRCONDITIONING UNIT	230	3450.00		15.00			40	50	2	2-	8.0	1-	5.5	25	PVC			
10	AIRCONDITIONING UNIT	230	3450.00		15.00			40	50	2	2-	8.0	1-	5.5	25	PVC			
11	AIRCONDITIONING UNIT	230	3450.00		15.00			40	50	2	2-	8.0	1-	5.5	25	PVC			
12	AIRCONDITIONING UNIT	230	3450.00		15.00			40	50	2	2-	8.0	1-	5.5	25	PVC			
13	AIRCONDITIONING UNIT	230	3450.00	15.00				40	50	2	2-	8.0	1-	5.5	25	PVC			
14	AIRCONDITIONING UNIT	230	3450.00	15.00				40	50	2	2-	8.0	1-	5.5	25	PVC			
15	AIRCONDITIONING UNIT	230	3450.00		15.00			40	50	2	2-	8.0	1-	5.5	25	PVC			
16	SPARE	230	3450.00		15.00			40	50	2	2-	8.0	1-	5.5	25	PVC			
17	SPARE	230	3450.00		15.00			40	50	2	2-	8.0	1-	5.5	25	PVC			
18	SPARE	230	3450.00		15.00			40	50	2	2-	8.0	1-	5.5	25	PVC			
TOTAL CONNECTED LOAD				90.00	90.00	90.00	0.00											0%	
FOR FEEDER CURRENT				SIZE FOR MAIN FEEDER (mm ²)				FOR MAIN BREAKER SIZE											
3PH + 1PH LOAD = 155.89 A				X	G	200		AT											
25% OF HIGHEST CONTINUOUS LOAD = 3.75 A				3-	100.0	1-	30.0	400		AF									
HIGHEST CURRENT LOAD = 15.00 A				NO. OF SET				1		3		P							
DEMAND FACTOR = 100%				SIZE OF CONDUIT				22		KAIC									
PH	FEEDER	159.64 A																	
1.73	MAIN CIRCUIT BREAKER	182.14 A		65				RSC		MCCB, BOLT-ON									

PANEL LOCATION		SECOND FLOOR RIGHT WING (ALONZO BLDG)		SCHEDULE OF LOADS										MAIN FEEDER SIZE			MAIN BREAKER SIZE		
ENCLOSURE TYPE		NEMA 1		DP-2B-ACU										X	150	R,Y,BK	AT	250	A
VOLTAGE SYSTEM		230												SETS	1	GREEN	AF	400	A
PHASE SYSTEM		3PH, 60HZ												TYPE	THHN/THWN	KAIC	22	3	P
CKT. NO	DESCRIPTION	V	VA	AMPERES				CB			WIRE SIZE (mm ²)			CONDUIT SIZE (mm)					
1	AIRCONDITIONING UNIT	230	3450.00	15.00				40	50	2	2-	8.0	1-	5.5	20	PVC			
2	AIRCONDITIONING UNIT	230	3450.00	15.00				40	50	2	2-	8.0	1-	5.5	20	PVC			
3	AIRCONDITIONING UNIT	230	3450.00		15.00			40	50	2	2-	8.0	1-	5.5	20	PVC			
4	AIRCONDITIONING UNIT	230	3450.00		15.00			40	50	2	2-	8.0	1-	5.5	20	PVC			
5	AIRCONDITIONING UNIT	230	3450.00		15.00			40	50	2	2-	8.0	1-	5.5	20				

RIZAL BUILDING SCHEDULE OF LOADS

1
E-12 SCALE

PANEL LOCATION		SECOND FLOOR LEFT WING (RIZAL BLDG)		SCHEDULE OF LOADS										MAIN FEEDER SIZE		MAIN BREAKER SIZE			
ENCLOSURE TYPE		NEMA 1		DP-1E										X	38	R,Y,BK	AT	100	A
VOLTAGE SYSTEM		230												G	8	GREEN	AF	150	A
PHASE SYSTEM		3PH, 40HZ												SETS	1		P	3	P
														TYPE	THHN/THWN	KAIC	22	P	
CKT. NO.	DESCRIPTION	V	VA	AMPERES				CB			WIRE SIZE (mm ²)			CONDUIT SIZE (mm)					
				AB	BC	CD	3φ	AT	AF	P	X	G	X		G				
1	24W LED DOWNLIGHT (LEFT CORRIDOR)	230	430.00	2.74				20	50	2	2-	3.5	1-	3.5	20	PVC			
2	24W LED DOWNLIGHT (LEFT CORRIDOR)	230	840.00	3.65				20	50	2	2-	3.5	1-	3.5	20	PVC			
3	40W LED LIGHTS PANEL	230	1190.00		5.17			20	50	2	2-	3.5	1-	3.5	20	PVC			
4	40W LED LIGHTS PANEL, 1-24W LED DOWNLIGHT	230	2100.00		9.13			20	50	2	2-	3.5	1-	3.5	20	PVC			
5	40W LED LIGHTS PANEL	230	1330.00		5.78			20	50	2	2-	3.5	1-	3.5	20	PVC			
6	40W LED LIGHTS PANEL	230	1190.00		5.17			20	50	2	2-	3.5	1-	3.5	20	PVC			
7	40W LED LIGHTS PANEL	230	1190.00	5.17				20	50	2	2-	3.5	1-	3.5	20	PVC			
8	CONVENIENCE OUTLET	230	1620.00	7.04				20	50	2	2-	3.5	1-	3.5	20	PVC			
9	CONVENIENCE OUTLET	230	1260.00		5.48			20	50	2	2-	3.5	1-	3.5	20	PVC			
10	CONVENIENCE OUTLET	230	1440.00		6.24			20	50	2	2-	3.5	1-	3.5	20	PVC			
11	CONVENIENCE OUTLET	230	1080.00		4.70			20	50	2	2-	3.5	1-	3.5	20	PVC			
12	CONVENIENCE OUTLET	230	2160.00		9.39			20	50	2	2-	3.5	1-	3.5	20	PVC			
13	CONVENIENCE OUTLET	230	1260.00	5.48				20	50	2	2-	3.5	1-	3.5	20	PVC			
14	CONVENIENCE OUTLET	230	1440.00	6.24				20	50	2	2-	3.5	1-	3.5	20	PVC			
15	40W LED LIGHTS PANEL	230	980.00		4.26			20	50	2									
16	SPARE	230	1500.00		6.52			20	50	2									
17	SPARE	230	1500.00		6.52			20	50	2									
18	SPARE	230	1500.00		6.52			20	50	2									
TOTAL CONNECTED LOAD				30.35	34.83	38.09	0.00							20X					
FOR FEEDER CURRENT				SIZE FOR MAIN FEEDER (mm ²)										FOR MAIN BREAKER SIZE					
3PH + 1PH LOAD = 65.97 A				X			G			100			AT						
25% OF HIGHEST CONTINUOUS LOAD = 2.35 A				3-			38.0			1-			150		AF				
HIGHEST CURRENT LOAD = 9.39 A				NO. OF SET			1			3			P						
DEMAND FACTOR = 80%				SIZE OF CONDUIT										22		KAIC			
PH	FEEDER = 54.66 A																		
173	MAIN CIRCUIT BREAKER = 65.93 A			40										RSC		MCCB, BOLT-ON			

PANEL LOCATION		GROUND FLOOR RIGHT WING (RIZAL BLDG)		SCHEDULE OF LOADS										MAIN FEEDER SIZE		MAIN BREAKER SIZE			
ENCLOSURE TYPE		NEMA 1		DP-1C										X	50	R,Y,BK	AT	125	A
VOLTAGE SYSTEM		230												G	14	GREEN	AF	150	A
PHASE SYSTEM		3PH, 40HZ												SETS	1		P	3	P
														TYPE	THHN/THWN	KAIC	22	P	
CKT. NO.	DESCRIPTION	V	VA	AMPERES				CB			WIRE SIZE (mm ²)			CONDUIT SIZE (mm)					
				AB	BC	CD	3φ	AT	AF	P	X	G	X		G				
1	40W LED LIGHTS PANEL, 1-24W LED DOWNLIGHT	230	1610.00	7.00				20	50	2	2-	3.5	1-	3.5	20	PVC			
2	40W LED LIGHTS PANEL, 1-24W LED DOWNLIGHT	230	1190.00	5.17				20	50	2	2-	3.5	1-	3.5	20	PVC			
3	40W LED LIGHTS PANEL, 1-24W LED DOWNLIGHT	230	1190.00		5.17			20	50	2	2-	3.5	1-	3.5	20	PVC			
4	24W LED DOWNLIGHT (RIGHT CORRIDOR)	230	770.00		3.35			20	50	2	2-	3.5	1-	3.5	20	PVC			
5	40W LED LIGHTS PANEL, 1-24W LED DOWNLIGHT	230	1120.00		4.97			20	50	2	2-	3.5	1-	3.5	20	PVC			
6	40W LED LIGHTS PANEL	230	1330.00		5.78			20	50	2	2-	3.5	1-	3.5	20	PVC			
7	40W LED LIGHTS PANEL, 1-24W LED DOWNLIGHT	230	960.00	4.26				20	50	2	2-	3.5	1-	3.5	20	PVC			
8	40W LED LIGHTS PANEL, 1-24W LED DOWNLIGHT	230	1470.00	6.39				20	50	2	2-	3.5	1-	3.5	20	PVC			
9	CONVENIENCE OUTLET	230	3060.00		13.30			20	50	2	2-	3.5	1-	3.5	20	PVC			
10	CONVENIENCE OUTLET	230	2520.00		10.94			20	50	2	2-	3.5	1-	3.5	20	PVC			
11	CONVENIENCE OUTLET	230	2520.00		10.94			20	50	2	2-	3.5	1-	3.5	20	PVC			
12	CONVENIENCE OUTLET	230	3060.00		13.30			20	50	2	2-	3.5	1-	3.5	20	PVC			
13	CONVENIENCE OUTLET	230	2880.00	12.52				20	50	2	2-	3.5	1-	3.5	20	PVC			
14	CONVENIENCE OUTLET	230	1980.00	8.61				20	50	2	2-	3.5	1-	3.5	20	PVC			
15	CONVENIENCE OUTLET	230	2700.00	11.74				20	50	2	2-	3.5	1-	3.5	20	PVC			
16	FACP	230	910.00	3.91				20	50	2	2-	3.5	1-	3.5	20	PVC			
17	SPARE	230	1000.00		4.35			20	50	2	2-	3.5	1-	3.5	20	PVC			
18	SPARE	230	1000.00		4.35			20	50	2									
19	SPARE	230	1000.00	4.35				20	50	2									
20	SPARE	230	1000.00	4.35				20	50	2									
21	SPARE	230	1000.00		4.35			20	50	2									
22	SPARE	230	1000.00		4.35			20	50	2									
23	SPARE	230	1000.00		4.35			20	50	2									
24	SPARE	230	1000.00		4.35			20	50	2									
TOTAL CONNECTED LOAD				52.45	57.13	52.30	0.00							8X					
FOR FEEDER CURRENT				SIZE FOR MAIN FEEDER (mm ²)										FOR MAIN BREAKER SIZE					
3PH + 1PH LOAD = 98.76 A				X			G			125			AT						
25% OF HIGHEST CONTINUOUS LOAD = 3.33 A				3-			30.0			1-			150		AF				
HIGHEST CURRENT LOAD = 13.30 A				NO. OF SET			1			3			P						
DEMAND FACTOR = 80%				SIZE OF CONDUIT										22		KAIC			
PH	FEEDER = 81.83 A																		
173	MAIN CIRCUIT BREAKER = 97.60 A			50										RSC		MCCB, BOLT-ON			

PANEL LOCATION		VISITOR'S LOUNGE		SCHEDULE OF LOADS										MAIN FEEDER SIZE		MAIN BREAKER SIZE			
ENCLOSURE TYPE		NEMA 1		LPP										X	38	R,Y,BK	AT	100	A
VOLTAGE SYSTEM		230												G	8	GREEN	AF	150	A
PHASE SYSTEM		3PH, 40HZ												SETS	1		P	3	P
														TYPE	THHN/THWN	KAIC	22	P	
CKT. NO.	DESCRIPTION	V	VA	AMPERES				CB			WIRE SIZE (mm ²)			CONDUIT SIZE (mm)					
				AB	BC	CD	3φ	AT	AF	P	X	G	X		G				
1	CONVENIENCE OUTLET	230	1800.00	7.83				20	50	2	2-	3.5	1-	3.5	20	PVC			
2	AIRCONDITIONING UNIT - 3TR	230	3450.00	15.00				40	50	2	2-	6.0	1-	3.5	20	PVC			
3	REFRIGERATOR	230	1840.00		8.00			30	50	2	2-	5.5	1-	3.5	20	PVC			
4	AIRCONDITIONING UNIT - 3TR	230	3450.00		15.00			40	50	2	2-	6.0	1-	3.5	20	PVC			
5	LIGHTING OUTLET	230	910.00		3.91			20	50	2	2-	3.5	1-	3.5	20	PVC			
6	LIGHTING OUTLET	230	980.00		4.26			20	50	2	2-	3.5	1-	3.5	20	PVC			
7	LIGHTING OUTLET (COVE LIGHT)	230	2000.00	12.17				20	50	2	2-	3.5	1-	3.5	20	PVC			
8	LIGHTING OUTLET (COVE LIGHT)	230	1190.00	5.17				20	50	2	2-	3.5	1-	3.5	20	PVC			
9	LIGHTING OUTLET	230	420.00	1.83				20	50	2	2-	3.5	1-	3.5	20	PVC			
10	SPARE	230	1000.00	4.35				20	50	2	2-	3.5	1-	3.5	20	PVC			
11	SPARE	230	2000.00		8.70			20	50	2	2-	3.5	1-	3.5	20	PVC			
12	SPARE	230	1500.00		6.52			20	50	2	2-	3.5	1-	3.5	20	PVC			
TOTAL CONNECTED LOAD				40.17	25.17	23.43	0.00							42X					
FOR FEEDER CURRENT				SIZE FOR MAIN FEEDER (mm ²)										FOR MAIN BREAKER SIZE					
3PH + 1PH LOAD = 69.59 A				X			G			100			AT						
25% OF HIGHEST CONTINUOUS LOAD = 3.75 A				3-			38.0			1-			150		AF				
HIGHEST CURRENT LOAD = 15.00 A				NO. OF SET			1			3			P						
DEMAND FACTOR = 80%				SIZE OF CONDUIT										22		KAIC			
PH	FEEDER = 58.67 A																		
173	MAIN CIRCUIT BREAKER = 76.67 A			42										RSC		MCCB, BOLT-ON			

PANEL LOCATION		GROUND FLOOR CENTER (RIZAL BLDG)		SCHEDULE OF LOADS										MAIN FEEDER SIZE		MAIN BREAKER SIZE			
ENCLOSURE TYPE		NEMA 1		DP-1D										X	22	R,Y,BK	AT	70	A
VOLTAGE SYSTEM		230												G	8	GREEN	AF	150	A
PHASE SYSTEM		3PH, 40HZ												SETS	1		P	3	P
														TYPE	THHN/THWN	KAIC	22	P	
CKT. NO.	DESCRIPTION	V	VA	AMPERES				CB			WIRE SIZE (mm ²)			CONDUIT SIZE (mm)					
				AB	BC	CD	3φ	AT	AF	P	X	G	X		G				
1	14W, LED TS LIGHTING	230	1400.00	4.89				20	50	2	2-	3.5	1-	3.5	20	PVC			
2	14W, LED TS LIGHTING	230	1400.00	4.89				20	50	2	2-	3.5	1-	3.5	20	PVC			
3	14W, LED TS LIGHTING	230	1400.00		6.09			20	50	2	2-	3.5	1-	3.5	20	PVC			
4	14W, LED TS LIGHTING	230	1400.00		6.09			20	50	2	2-	3.5	1-	3.5	20	PVC			
5	14W, LED TS LIGHTING, 1-60W DECORATIVE LED LIGHTING	230	1810.00		7.00			20	50	2	2-	3.5	1-	3.5	20	PVC			
6	24W LED DOWNLIGHT (SURFACE MOUNTED)	230	700.00		3.04			20	50	2	2-	3.5	1-	3.5	20	PVC			
7	24W LED DOWNLIGHT (SURFACE MOUNTED)	230	1190.00	5.17				20	50	2	2-	3.5	1-	3.5	20	PVC			
8	24W LED DOWNLIGHT	230	430.00	2.74				20	50	2	2-	3.5	1-	3.5	20	PVC			
9	24W LED DOWNLIGHT	230	1680.00		7.30			20	50	2	2-	3.5	1-	3.5	20	PVC			
10	24W LED DOWNLIGHT	230	1500.00		6.52			20	50	2	2-	3.5	1-	3.5	20	PVC			
11	SPARE	230	1500.00		6.52														

RIZAL BUILDING SCHEDULE OF LOADS

1
E-13

PANEL LOCATION		SECOND FLOOR LEFT WING (RIZAL BLDG)		SCHEDULE OF LOADS						MAIN FEEDER SIZE			MAIN BREAKER SIZE			
ENCLOSURE TYPE		NEMA 1		DP-1E-ACU						X	100	R,Y,BK	AT	200	A	
VOLTAGE SYSTEM		230								G	30	GREEN	AF	400	A	
PHASE SYSTEM		3PH, 60HZ								SETS	1		P	3	P	
										TYPE	THHN/THWN	KAIC	22	P	P	
CKT. NO	DESCRIPTION	V	VA	AMPERES				CB	WIRE SIZE (mm ²)			CONDUIT SIZE (mm)				
1	AIRCONDITIONING UNIT	230	3450.00	15.00				40	50	2	2-	8.0	1-	5.5	25	PVC
2	AIRCONDITIONING UNIT	230	3450.00	15.00				40	50	2	2-	8.0	1-	5.5	25	PVC
3	AIRCONDITIONING UNIT	230	3450.00		15.00			40	50	2	2-	8.0	1-	5.5	25	PVC
4	AIRCONDITIONING UNIT	230	3450.00		15.00			40	50	2	2-	8.0	1-	5.5	25	PVC
5	AIRCONDITIONING UNIT	230	3450.00			15.00		40	50	2	2-	8.0	1-	5.5	25	PVC
6	AIRCONDITIONING UNIT	230	3450.00			15.00		40	50	2	2-	8.0	1-	5.5	25	PVC
7	AIRCONDITIONING UNIT	230	3450.00	15.00				40	50	2	2-	8.0	1-	5.5	25	PVC
8	AIRCONDITIONING UNIT	230	3450.00	15.00				40	50	2	2-	8.0	1-	5.5	25	PVC
9	AIRCONDITIONING UNIT	230	3450.00		15.00			40	50	2	2-	8.0	1-	5.5	25	PVC
10	AIRCONDITIONING UNIT	230	3450.00		15.00			40	50	2	2-	8.0	1-	5.5	25	PVC
11	AIRCONDITIONING UNIT	230	3450.00			15.00		40	50	2	2-	8.0	1-	5.5	25	PVC
12	AIRCONDITIONING UNIT	230	3450.00			15.00		40	50	2	2-	8.0	1-	5.5	25	PVC
13	AIRCONDITIONING UNIT	230	3450.00	15.00				40	50	2	2-	8.0	1-	5.5	25	PVC
14	AIRCONDITIONING UNIT	230	3450.00	15.00				40	50	2	2-	8.0	1-	5.5	25	PVC
15	AIRCONDITIONING UNIT	230	3450.00		15.00			40	50	2	2-	8.0	1-	5.5	25	PVC
16	AIRCONDITIONING UNIT	230	3450.00		15.00			40	50	2	2-	8.0	1-	5.5	25	PVC
17	SPARE	230	3450.00			15.00		40	50	2	2-	8.0	1-	5.5	25	PVC
18	SPARE	230	3450.00			15.00		40	50	2	2-	#N/A	1-	#N/A	25	PVC
TOTAL CONNECTED LOAD				90.00	90.00	90.00	0.00									OK
FOR FEEDER CURRENT				SIZE FOR MAIN FEEDER (mm ²)				FOR MAIN BREAKER SIZE								
3PH + 1PH LOAD				X				G				200	AT			
25 % OF HIGHEST CONTINUOUS LOAD				3-				1-				400	AF			
HIGHEST CURRENT LOAD				NO. OF SET				1				3	P			
DEMAND FACTOR				SIZE OF CONDUIT				22				KAIC				
PH	FEEDER			159.64 A												
1.73	MAIN CIRCUIT BREAKER			45				RSC				MCCB, BOLT-ON				

PANEL LOCATION		GROUND FLOOR RIGHT WING (RIZAL BLDG)		SCHEDULE OF LOADS						MAIN FEEDER SIZE			MAIN BREAKER SIZE			
ENCLOSURE TYPE		NEMA 1		DP-1C-ACU						X	150	R,Y,BK	AT	250	A	
VOLTAGE SYSTEM		230								G	30	GREEN	AF	400	A	
PHASE SYSTEM		3PH, 60HZ								SETS	1		P	3	P	
										TYPE	THHN/THWN	KAIC	22	P	P	
CKT. NO	DESCRIPTION	V	VA	AMPERES				CB	WIRE SIZE (mm ²)			CONDUIT SIZE (mm)				
1	AIRCONDITIONING UNIT	230	3450.00	15.00				40	50	2	2-	8.0	1-	5.5	25	PVC
2	AIRCONDITIONING UNIT	230	3450.00	15.00				40	50	2	2-	8.0	1-	5.5	25	PVC
3	AIRCONDITIONING UNIT	230	3450.00		15.00			40	50	2	2-	8.0	1-	5.5	25	PVC
4	AIRCONDITIONING UNIT	230	3450.00		15.00			40	50	2	2-	8.0	1-	5.5	25	PVC
5	AIRCONDITIONING UNIT	230	3450.00			15.00		40	50	2	2-	8.0	1-	5.5	25	PVC
6	AIRCONDITIONING UNIT	230	3450.00			15.00		40	50	2	2-	8.0	1-	5.5	25	PVC
7	AIRCONDITIONING UNIT	230	3450.00	15.00				40	50	2	2-	8.0	1-	5.5	25	PVC
8	AIRCONDITIONING UNIT	230	3450.00	15.00				40	50	2	2-	8.0	1-	5.5	25	PVC
9	AIRCONDITIONING UNIT	230	3450.00		15.00			40	50	2	2-	8.0	1-	5.5	25	PVC
10	AIRCONDITIONING UNIT	230	3450.00		15.00			40	50	2	2-	8.0	1-	5.5	25	PVC
11	AIRCONDITIONING UNIT	230	3450.00			15.00		40	50	2	2-	8.0	1-	5.5	25	PVC
12	AIRCONDITIONING UNIT	230	3450.00			15.00		40	50	2	2-	8.0	1-	5.5	25	PVC
13	AIRCONDITIONING UNIT	230	3450.00	15.00				40	50	2	2-	8.0	1-	5.5	25	PVC
14	AIRCONDITIONING UNIT	230	3450.00	15.00				40	50	2	2-	8.0	1-	5.5	25	PVC
15	AIRCONDITIONING UNIT	230	3450.00		15.00			40	50	2	2-	8.0	1-	5.5	25	PVC
16	AIRCONDITIONING UNIT	230	3450.00		15.00			40	50	2	2-	8.0	1-	5.5	25	PVC
17	AIRCONDITIONING UNIT	230	3450.00			15.00		40	50	2	2-	8.0	1-	5.5	25	PVC
18	AIRCONDITIONING UNIT	230	3450.00			15.00		40	50	2	2-	8.0	1-	5.5	25	PVC
19	AIRCONDITIONING UNIT	230	3450.00	15.00				40	50	2	2-	8.0	1-	5.5	25	PVC
20	AIRCONDITIONING UNIT	230	3450.00	15.00				40	50	2	2-	8.0	1-	5.5	25	PVC
21	AIRCONDITIONING UNIT	230	3450.00		15.00			40	50	2	2-	8.0	1-	5.5	25	PVC
22	AIRCONDITIONING UNIT	230	3450.00		15.00			40	50	2	2-	8.0	1-	5.5	25	PVC
23	SPARE	230	3450.00			15.00		40	50	2	2-	8.0	1-	5.5	25	PVC
24	SPARE	230	3450.00			15.00		40	50	2	2-					
TOTAL CONNECTED LOAD				120.00	120.00	120.00	0.00									OK
FOR FEEDER CURRENT				SIZE FOR MAIN FEEDER (mm ²)				FOR MAIN BREAKER SIZE								
3PH + 1PH LOAD				X				G				250	AT			
25 % OF HIGHEST CONTINUOUS LOAD				3-				1-				400	AF			
HIGHEST CURRENT LOAD				NO. OF SET				1				3	P			
DEMAND FACTOR				SIZE OF CONDUIT				22				KAIC				
PH	FEEDER			211.60 A												
1.73	MAIN CIRCUIT BREAKER			80				RSC				MCCB, BOLT-ON				

PROPOSED SCHEDULE OF LOAD FOR MDP : ALONZO BLDG.

2
E-13

PANEL LOCATION		GROUND FLOOR RIGHT WING (ALONZO BLDG)		SCHEDULE OF LOADS						MAIN FEEDER SIZE			MAIN BREAKER SIZE				
ENCLOSURE TYPE		NEMA 1		MDP-ALNZ						X	200	R,Y,BK	AT	1000	A		
VOLTAGE SYSTEM		230								G	50	GREEN	AF	1200	A		
PHASE SYSTEM		3PH, 60HZ								SETS	4		P	3	P		
										TYPE	THHN/THWN	KAIC	45	P	P		
CKT. NO	DESCRIPTION	V	VA	AMPERES				CB	WIRE SIZE (mm ²)			CONDUIT SIZE (mm)					
1	DP-1A	230	50.00	47.91	43.13			125	150	3	3-	50.0	1-	14.0	50	RSC	
2	DP-1B	230	43.65	44.64	38.00			125	150	3	3-	50.0	1-	14.0	50	RSC	
3	DP-1A-ACU	230	90.00	90.00	90.00			200	400	3	3-	100.0	1-	30.0	65	RSC	
4	DP-1B-ACU	230	90.00	90.00	90.00			200	400	3	3-	100.0	1-	30.0	65	RSC	
5	DP-2A	230	50.30	41.52	44.74			125	150	3	3-	50.0	1-	14.0	50	RSC	
6	DP-2B	230	48.17	45.17	49.61			125	150	3	3-	50.0	1-	14.0	50	RSC	
7	DP-2A-ACU	230	90.00	90.00	90.00			200	400	3	3-	100.0	1-	30.0	65	RSC	
8	DP-2B-ACU	230	120.00	120.00	120.00			250	400	3	3-	150.0	1-	30.0	65	RSC	
TOTAL CONNECTED LOAD				582.13	570.65	567.48	0.00										OK
FOR FEEDER CURRENT				SIZE FOR MAIN FEEDER (mm ²)				FOR MAIN BREAKER SIZE									
3PH + 1PH LOAD				X				G				1000	AT				
25 % OF HIGHEST CONTINUOUS LOAD				3-				1-				1200	AF				
HIGHEST CURRENT LOAD				NO. OF SET				4				3	P				
DEMAND FACTOR				SIZE OF CONDUIT				65				KAIC					
PH	FEEDER			807.62 A													
1.73	MAIN CIRCUIT BREAKER			100				PVC				MCCB, BOLT-ON					

PROPOSED SCHEDULE OF LOAD FOR MDP : RIZAL BLDG.

3
E-13

PANEL LOCATION		GROUND FLOOR RIGHT WING (RIZAL BLDG)		SCHEDULE OF LOADS						MAIN FEEDER SIZE			MAIN BREAKER SIZE			
ENCLOSURE TYPE		NEMA 1		MDP-RZL						X	175	R,Y,BK	AT	700	A	
VOLTAGE SYSTEM		230								G	50	GREEN	AF	800	A	
PHASE SYSTEM		3PH, 60HZ								SETS	3		P	3	P	
										TYPE	THHN/THWN	KAIC	35	P	P	
CKT. NO	DESCRIPTION	V	VA	AMPERES				CB	WIRE SIZE (mm ²)			CONDUIT SIZE (mm)				
1	DP-1C	230	52.65	57.13	52.30			125	150	3	3-	50.0	1-	14.0	50	RSC
2	DP-1E	230	30.35	36.83	38.09			100	150	3	3-	38.0	1-	8.0	40	RSC
3	DP-1C-ACU	230	120.00	120.00	120.00			250	400	3	3-	150.0	1-	30.0	80	RSC
4	DP-1E-ACU	230	90.00	90.00	90.00			200	400	3	3-	100.0	1-	30.0	65	RSC
5	DP-1D	230	20.09	26.00	23.09			70	150	3	3-	22.0	1-	8.0	32	RSC
6	LPP (VISITORS LOUNGE)	230	40.17	29.17	23.43			100	1							

GENERAL NOTES

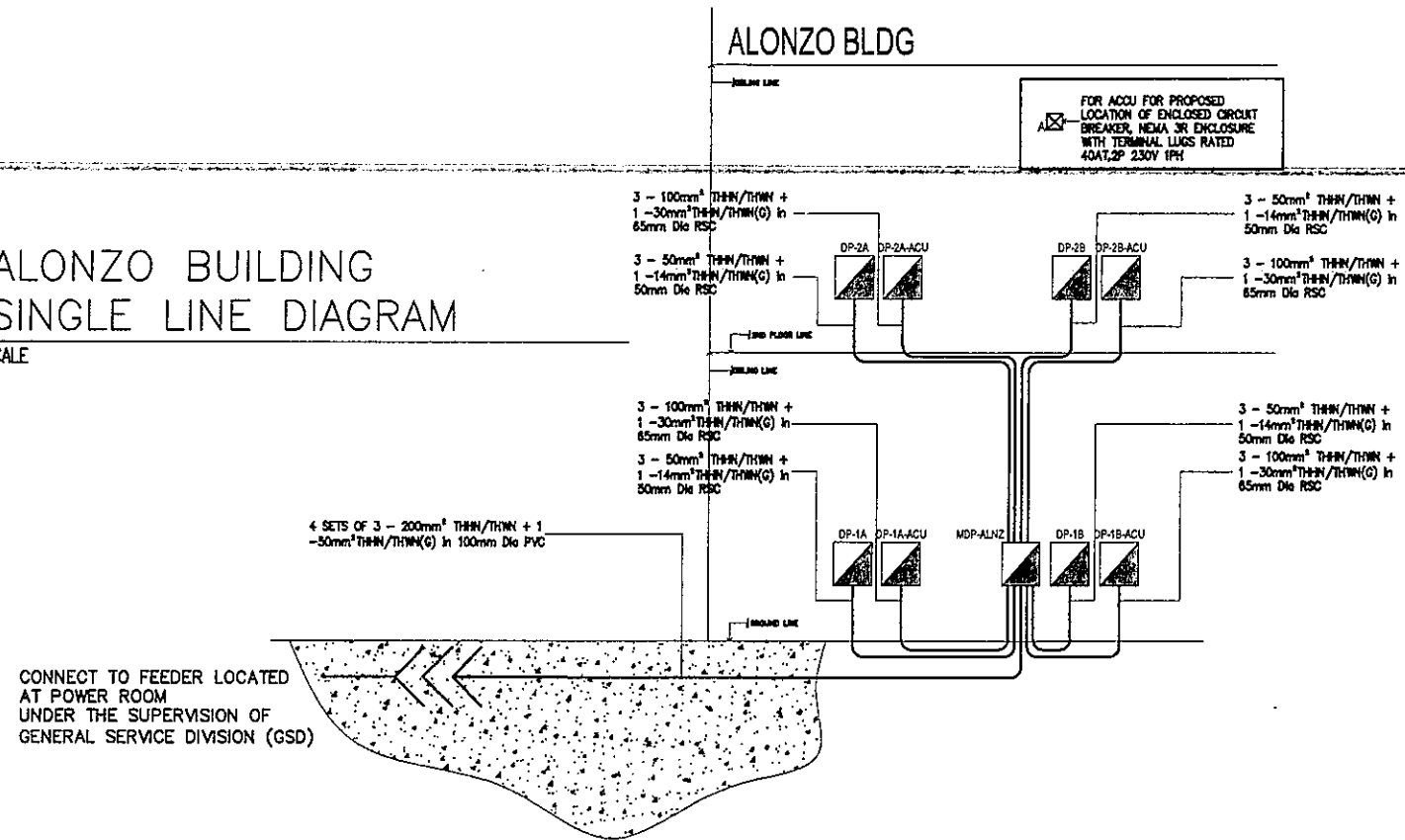
GENERAL NOTES

1. ALL ELECTRICAL WORKS HEREIN SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE (PEC), EXISTING LOCAL ORDINANCES, RULES, AND REGULATIONS OF THE UTILITY COMPANY.
2. THE ELECTRICAL SERVICE POWER IS 3PHASE, 3-WIRE + GROUND 230VAC, 60HZ
3. WIRING METHOD SHALL BE AS FOLLOWS:
 - a. FEEDERS AND RISER - IMC/RSC
 - b. LIGHTING, POWER RECEPTACLE - PVC SCHEDULE 40 BRANCH CKT. & AUXILIARY
4. ALL MATERIALS (EQUIPMENT AND DEVICES) TO BE INSTALLED BY THE CONTRACTOR SHALL BE NEW AND SHALL BEAR THE CERTIFICATION MARK (PHILIPPINE STANDARD QUALITY MARK OR IMPORT COMMODITY CLEARANCE) ISSUED BY THE DEPARTMENT OF TRADE AND INDUSTRY-BUREAU OF PRODUCT STANDARDS (DTI-BPS) FOR SPECIFIC PURPOSES
5. STANDARD TYPES OF ACCESSORIES, SPLICING DEVICES, TERMINATION, AND OTHER APPURTENANCES FOR THE ENTIRE ELECTRICAL INSTALLATION SHALL BE USED.
6. PROVIDE A PULLBOX AS NEEDED TO FACILITATE INSERTION AND WITHDRAWAL OF WIRES WITHOUT ABRASION, CONDUIT BENDS SHALL BE MADE IN SUCH A WAY THAT THE INTERNAL DIAMETER IS NOT REDUCED.
7. ANY DISCREPANCY IN LOCATION AND RATING OF EQUIPMENT AND APARATUS SHALL BE VERIFIED WITH THE ENGINEER/DOWNER OR ANY OF HIS REPRESENTATIVES AND CHANGES SHALL BE MADE ACCORDINGLY.
8. ALL ELECTRICAL WORK SHALL BE DONE UNDER THE DIRECT SUPERVISION OF A DULY LICENSED ELECTRICAL ENGINEER.
9. ALL PANELS, BREAKERS, AND SWITCHES MUST BE APPROPRIATELY TAGGED WITH FEEDERS/PANELS/BREAKERS SUPPLYING THEM.
10. GROUNDING CONNECTION SHOULD BE DONE BY EXOTHERMIC WELDING CONNECTION OR OTHER APPROVED SIMILAR PROCESS, MINIMUM GROUND RESISTANCE SHOULD BE 5 OHMS.
11. NEW BRANCH CIRCUITS SHALL BE LABELED AT THE ORIGINATING PANEL BOARD, ON THE PANEL BOARD LEGEND. THEY SHALL BE ALSO LABELED AT THE LOAD END ON THE RECEPTACLE, LIGHT SWITCH, OR THE PIECE OF EQUIPMENT (E.G. MOTOR STARTER, SAFETY SWITCH).
12. MOUNTING HEIGHT OF WIRING DEVICES SHALL BE AS FOLLOWS:

a. LIGHT SWITCH	- 1.20 M ABOVE FINISH FLOOR
b. CONVENIENCE OUTLET	- 0.30 M ABOVE FINISH FLOOR
c. PANELBOARD	- 1.80 M ABOVE FINISH FLOOR
d. FIRE ALARM STATION OUTLET	- 1.50 M. ABOVE FINISH FLOOR
e. PUSH BUTTON OUTLET	- 1.20 M ABOVE FINISH FLOOR
f. FIRE ALARM & VIBRATING BELL	- 0.30 M BELOW CEILING LINE

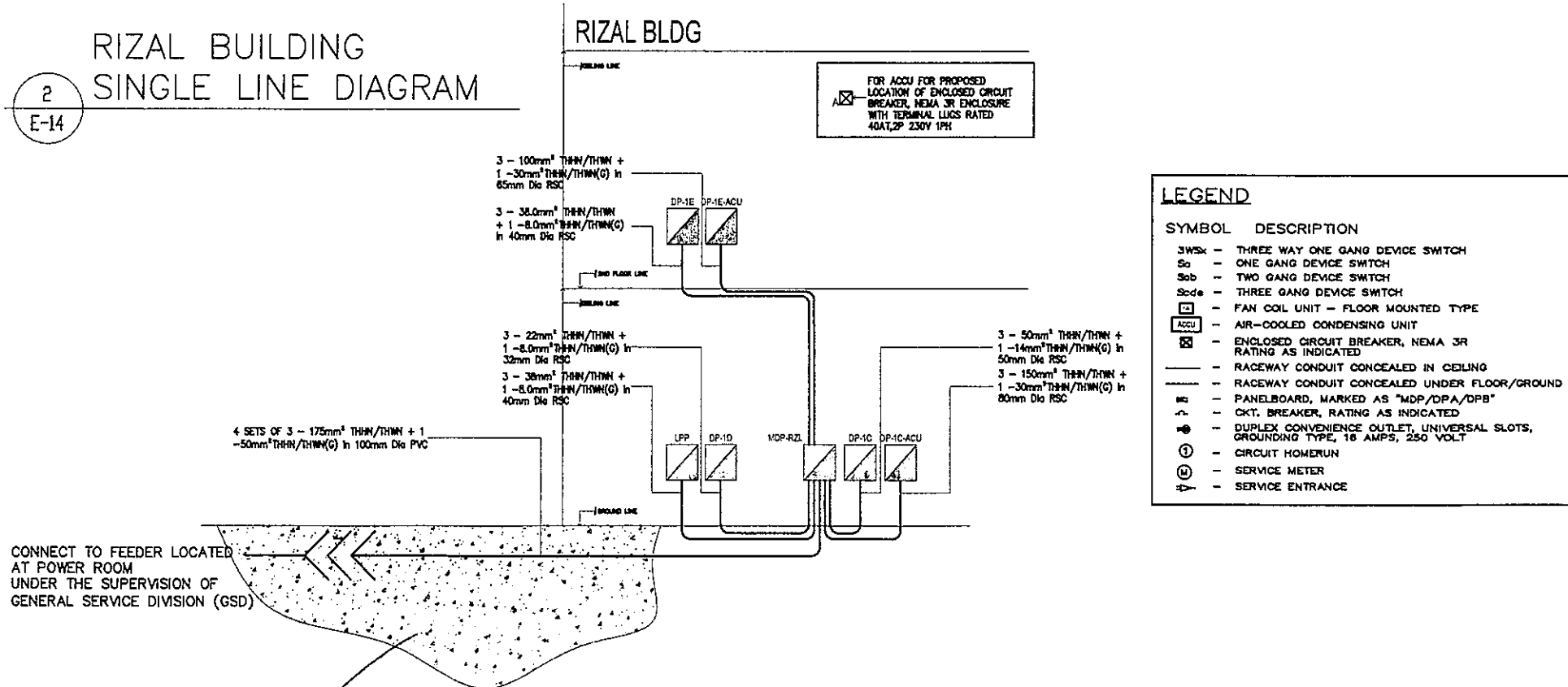
1
E-14 SCALE

ALONZO BUILDING SINGLE LINE DIAGRAM



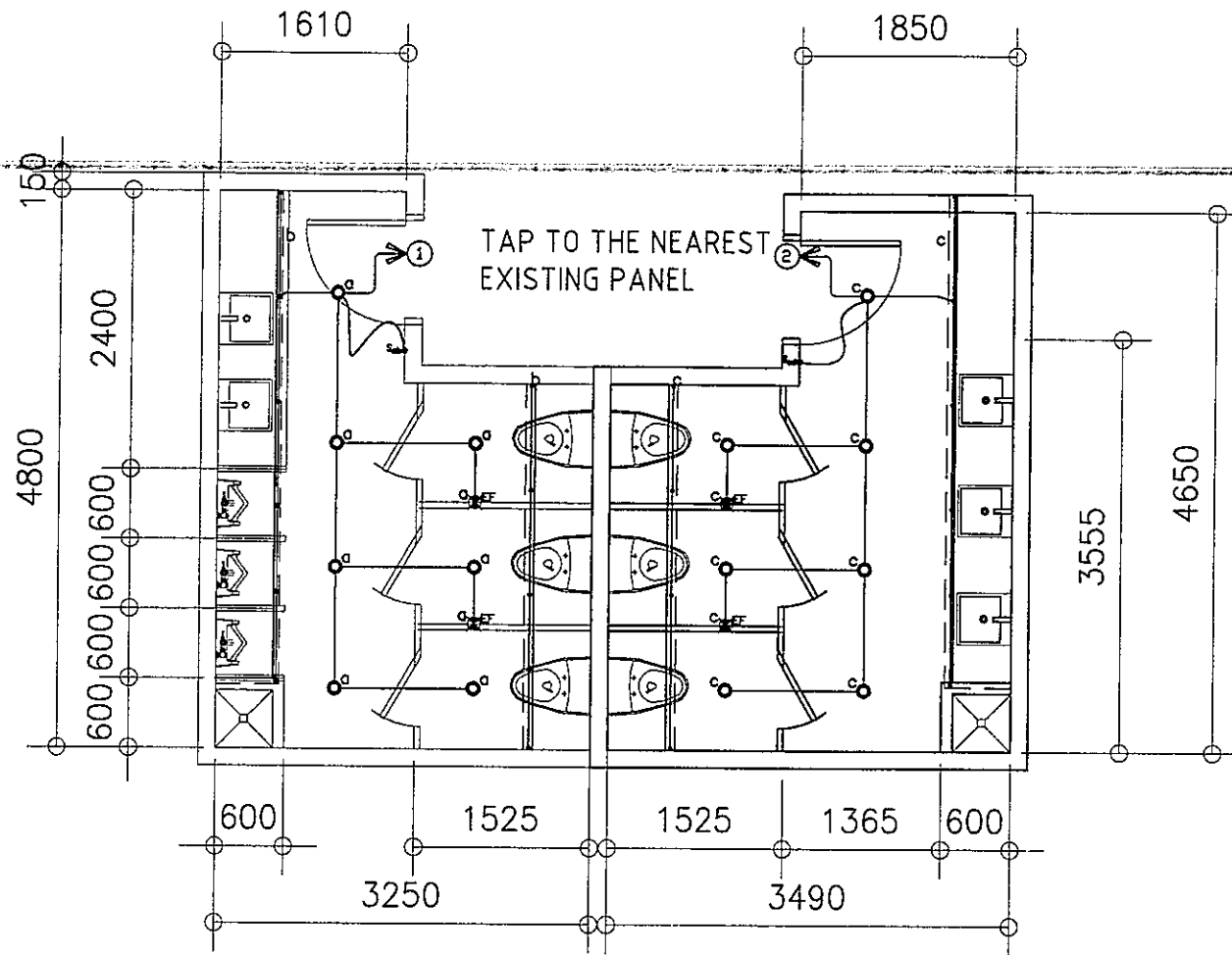
2
E-14

RIZAL BUILDING SINGLE LINE DIAGRAM

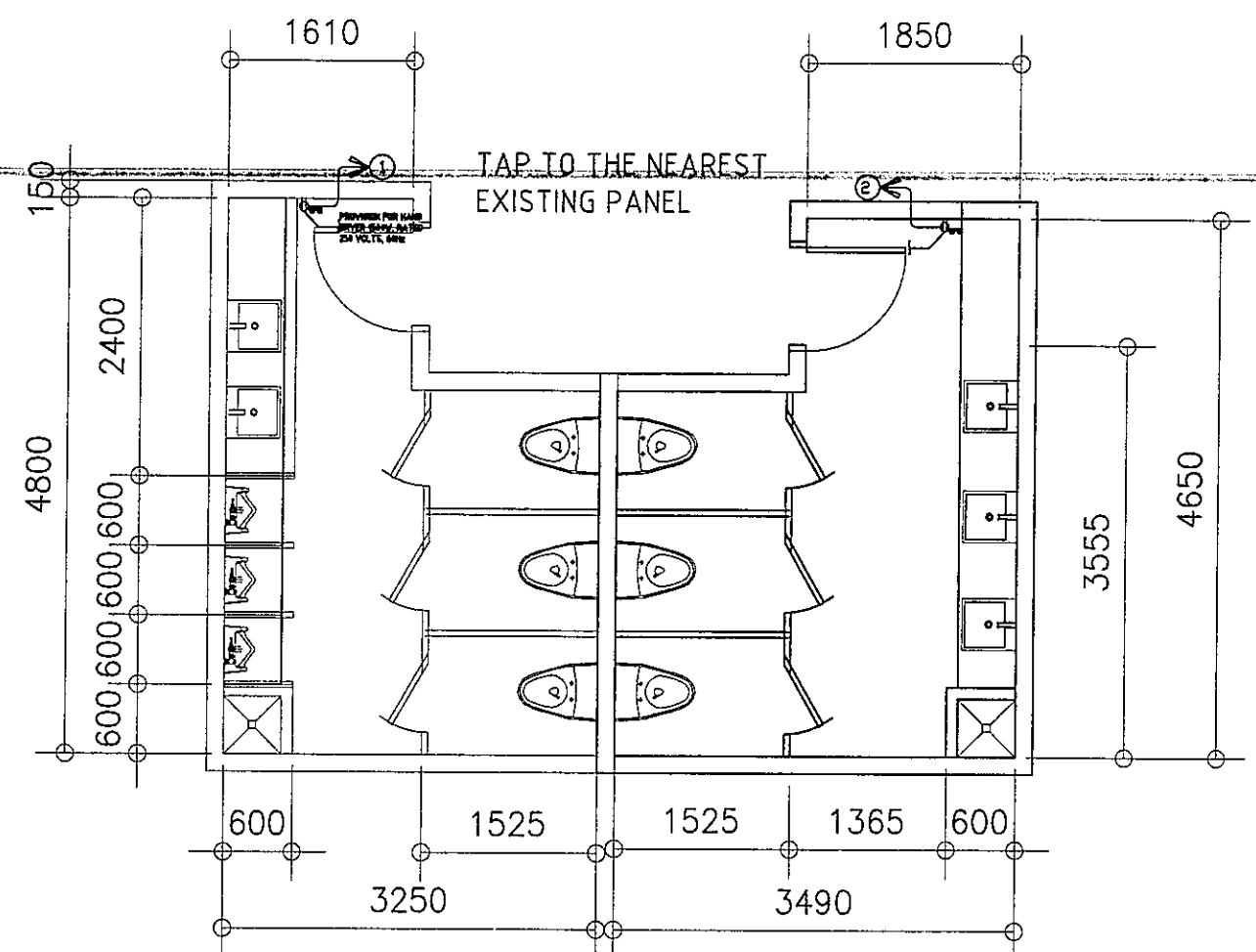


LEGEND	
SYMBOL	DESCRIPTION
3WSx	THREE WAY ONE GANG DEVICE SWITCH
So	ONE GANG DEVICE SWITCH
SoB	TWO GANG DEVICE SWITCH
SoC	THREE GANG DEVICE SWITCH
FCU	FAN COIL UNIT - FLOOR MOUNTED TYPE
ACU	AIR-COOLED CONDENSING UNIT
ECB	ENCLOSED CIRCUIT BREAKER, NEMA 3R RATING AS INDICATED
---	RACEWAY CONDUIT CONCEALED IN CEILING
---	RACEWAY CONDUIT CONCEALED UNDER FLOOR/GROUND
MB	PANELBOARD, MARKED AS "MDP/DPA/DPB"
CB	CKT. BREAKER, RATING AS INDICATED
DO	DUPLEX CONVENIENCE OUTLET, UNIVERSAL SLOTS, GROUNDING TYPE, 15 AMPS, 250 VOLT
Ⓢ	CIRCUIT HOMERUN
Ⓜ	SERVICE METER
Ⓜ	SERVICE ENTRANCE

REPUBLIC OF THE PHILIPPINES DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MERRILL CANTONMENT - PASIG CITY	DRAWN BY : JOHN PAUL B. LICARDO TECHNICAL ASSISTANT III/ELECTRICAL ENGINEER EPD-DepED	CHECKED BY : SIEGMUND M. SANCHEZ PROFESSIONAL ELECTRICAL ENGINEER EPD-DepED	RECOMMENDING APPROVAL : ANNABELLE R. PANGAN CHIEF, EPD DepED	RECOMMENDING APPROVAL : ROBERT M. AGUSTIN DIRECTOR IV ADMINISTRATIVE SERVICES	APPROVED BY : NOLASCO A. MEMPIN UNDERSECRETARY FOR ADMINISTRATION DepED	PROJECT TITLE : REPAIR/RENOVATION OF ALONZO & RIZAL BUILDINGS OF DEPED CENTRAL OFFICE	PROJECT CODE :	OWNER : DEPARTMENT OF EDUCATION DepED	SHEET NO. : E-14 20
	LOCATION : MERALCO AVENUE, PASIG CITY						SHEET CONTENTS : SINGLE LINE DIAGRAM FOR RIZAL AND ALONZO BLDG.		



1 LIGHTING LAYOUT
ALONZO GROUND FLOOR
PROPERTY MALE & FEMALE TOILET
E-15 SCALE 1 : 50 M



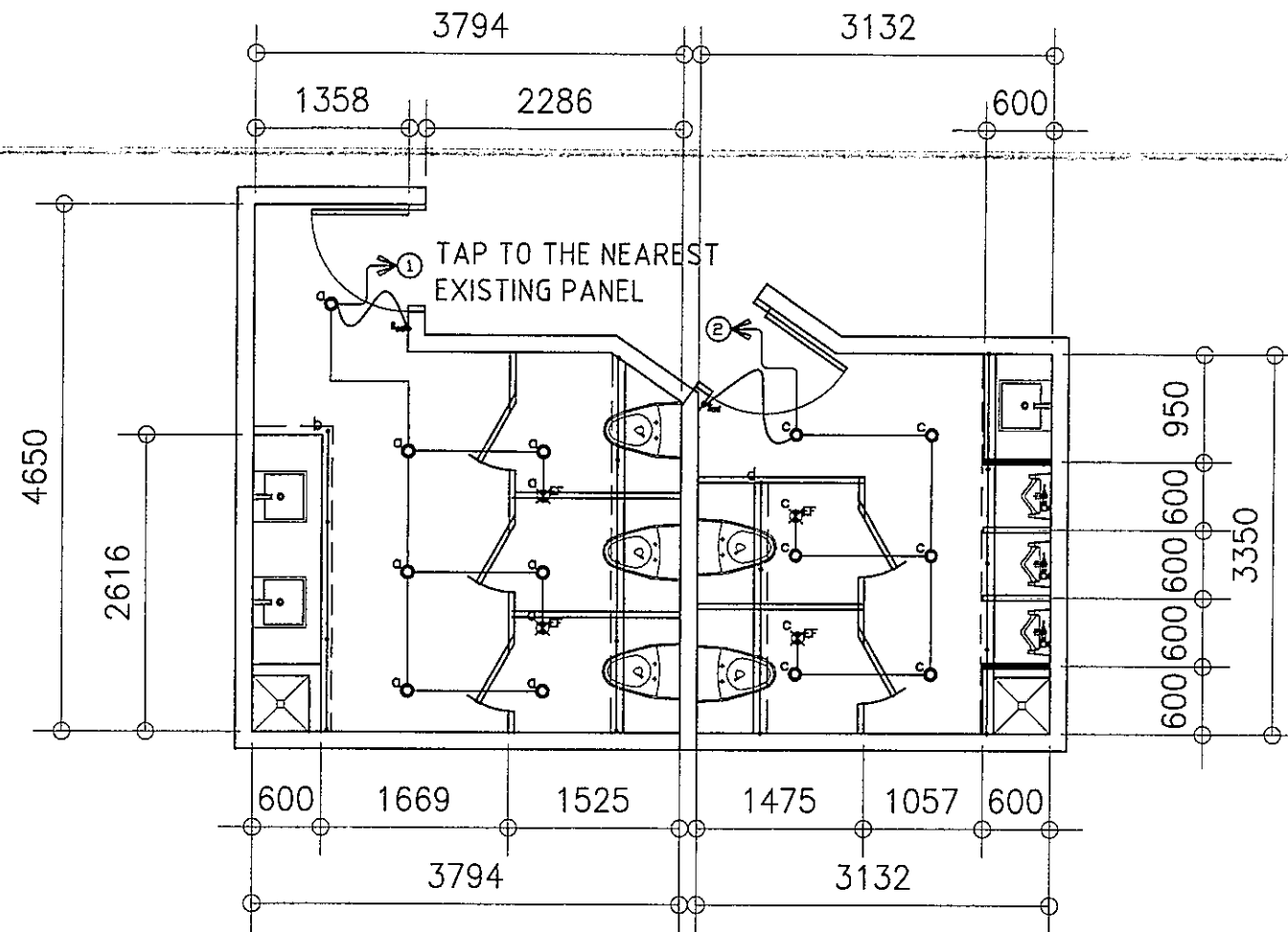
2 POWER LAYOUT
ALONZO GROUND FLOOR
PROPERTY MALE & FEMALE TOILET
E-15 SCALE 1 : 50 M

LOCATION : RECORDS/GSD MALE & FEMALE TOILET

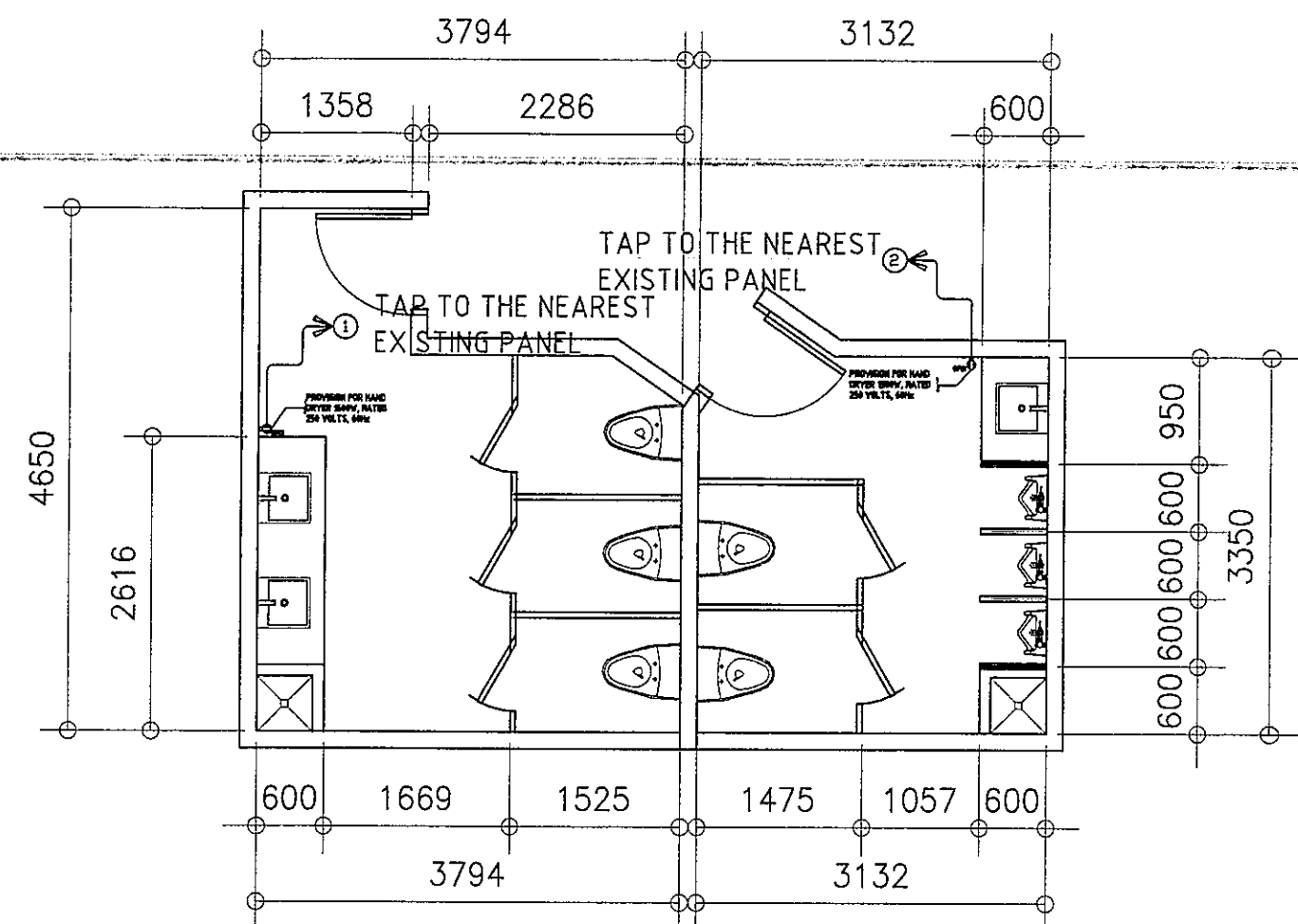
NAME OF PANEL	SCHEDULE OF LOADS				MAIN FEEDER SIZE			MAIN BREAKER SIZE						
	PANEL LOCATION	ENCLOSURE TYPE	SYSTEM		X	R,B	AT	A	A	A				
-	-	NEMA 1	230 V, 1PH, 60HZ	-	-	GREEN	-	-	-	-				
CKT. NO	DESCRIPTION	VOLT- AMPERE	VOLT	AMPERE	AMPERE				CIRCUIT BREAKER			WIRE SIZE (THHN)		CONDUIT SIZE
					AB	BC	CD	3Φ	AT	AF	P	X	G	
1	LIGHTING OUTLET CONVENIENCE OUTLET	1210	230	5.26					20	50	2	2- 3.5 mm ²	1 3.5 mm ²	20 mmØ PVC
2	LIGHTING OUTLET CONVENIENCE OUTLET	1160	230	5.04					20	50	2	2- 3.5 mm ²	1 3.5 mm ²	20 mmØ PVC
TOTAL		1160		10.30										

3 SCHEDULE OF LOAD
E-15 SCALE - M

SYMBOL AND DESCRIPTION :	
	-14W LED DOWNLIGHT ,RECESSED-MOUNTED, COB, 5000K, DAY LIGHT AC 85V - 265V 50/60 Hz
	-8W T5 LED TUBE LIGHT(900mm) with T5 Connector, 2700-3000K, WARM LIGHT AC 85V - 265V 50/60 Hz
	-DUPLEX CONVENIENCE OUTLET, GFCI TYPE , UNIVERSAL SLOT, GROUNDING TYPE, 16AMPS, 250VOLTS, 60Hz
	-EXHAUST FAN



1 LIGHTING LAYOUT
ALONZO GROUND FLOOR
RECORDS/GSD MALE & FEMALE TOILET
E-16 SCALE 1 : 50 M



2 POWER LAYOUT
ALONZO GROUND FLOOR
RECORDS/GSD MALE & FEMALE TOILET
E-16 SCALE 1 : 50 M

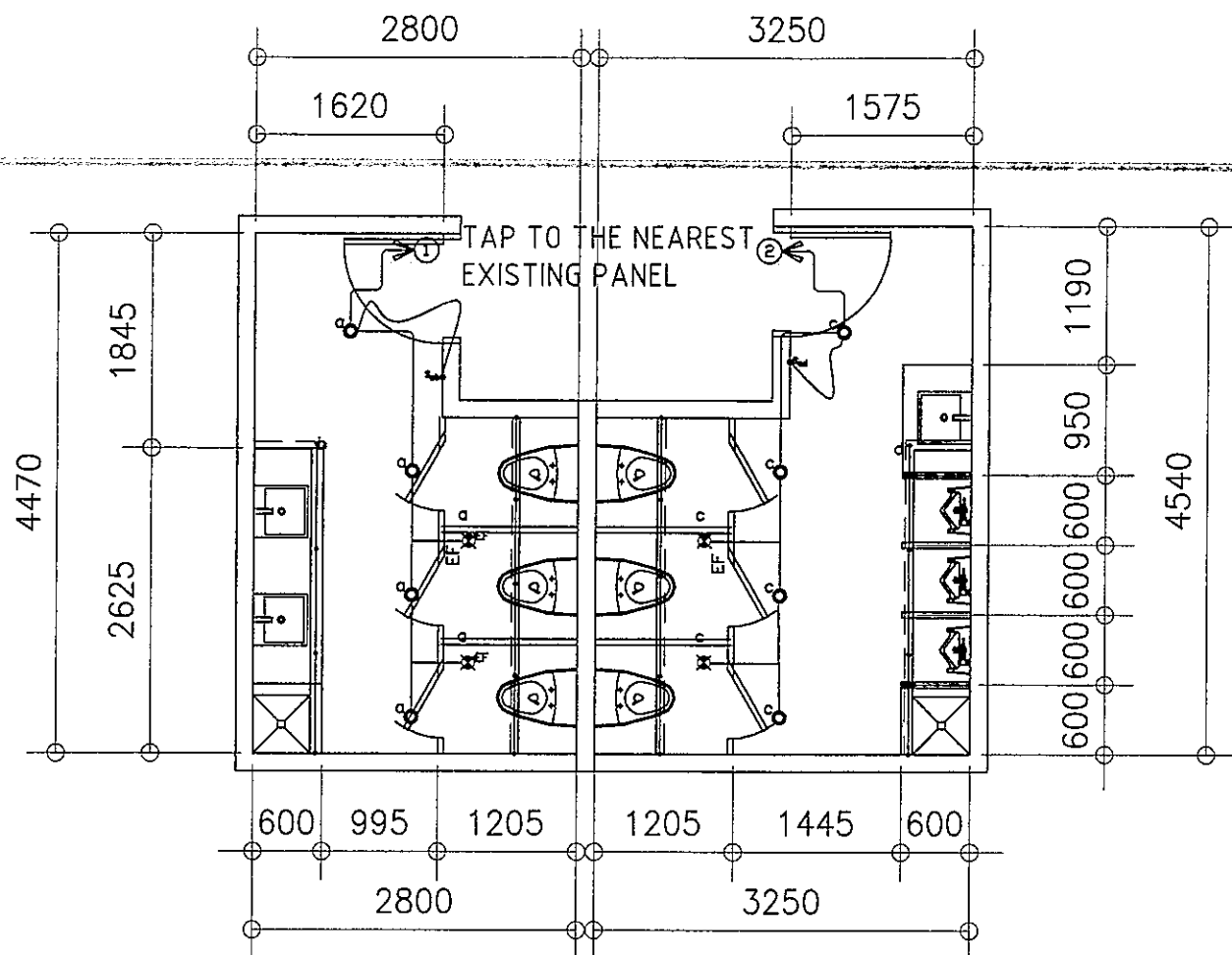
LOCATION : PLANNING MALE & FEMALE TOILET

CKT. NO.	DESCRIPTION	VOLT-AMPERE	VOLT	AMPERE	SCHEDULE OF LOADS				CIRCUIT BREAKER			WIRE SIZE (THHN)		CONDUIT SIZE
					AB	BC	CD	3φ	AT	AF	P	X	G	
1	LIGHTING OUTLET CONVENIENCE OUTLET	1060	230	4.61					20	50	2	2- 3.5 mm ²	1 3.5 mm ²	20 mmØ PVC
2	LIGHTING OUTLET CONVENIENCE OUTLET	1060	230	4.61					20	50	2	2- 3.5 mm ²	1 3.5 mm ²	20 mmØ PVC
TOTAL		1060		9.22										

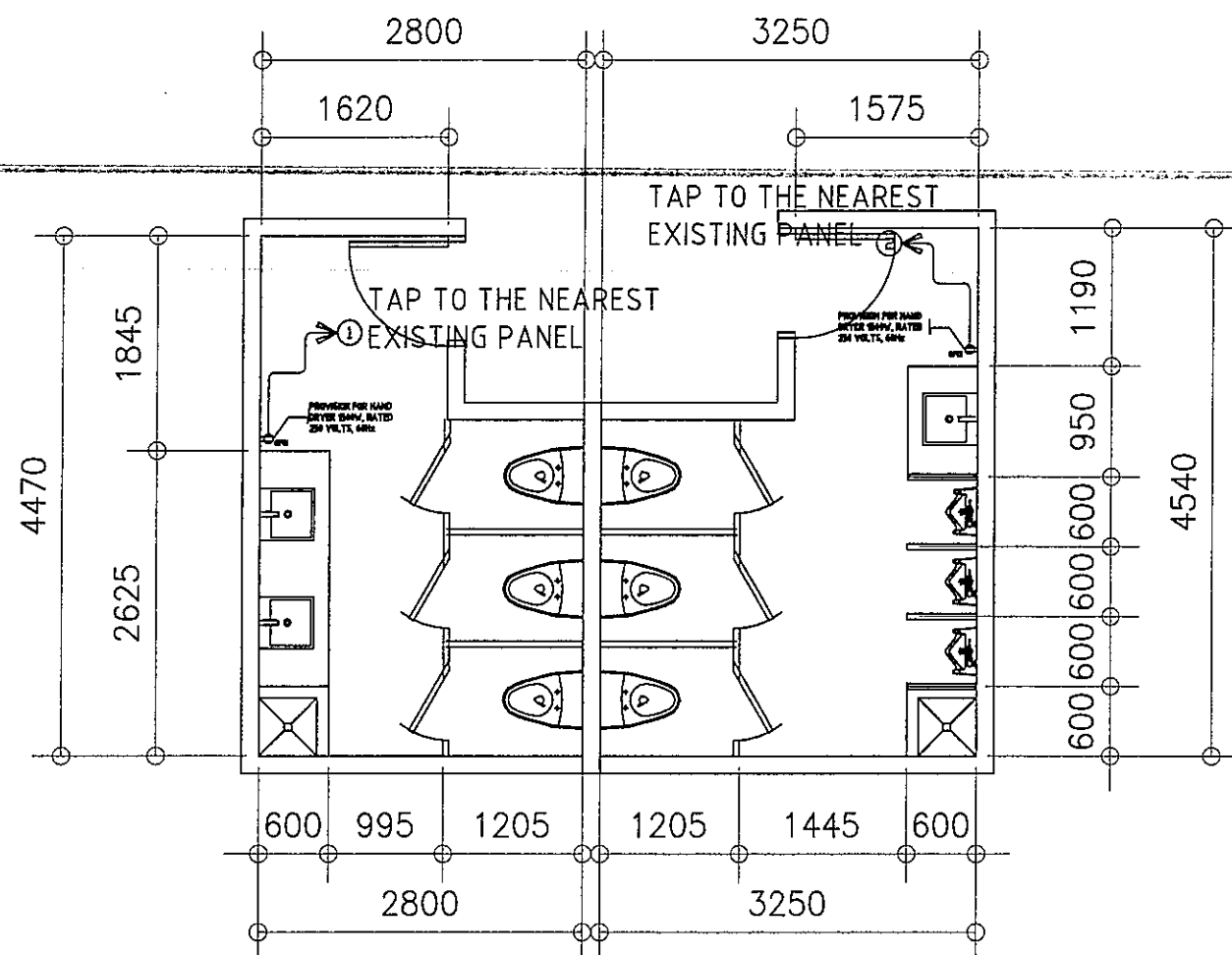
3 SCHEDULE OF LOAD
E-16 SCALE - M

SYMBOL AND DESCRIPTION :	
	-14W LED DOWNLIGHT ,RECESSED-MOUNTED, COB, 5000K, DAY LIGHT AC 85V - 265V 50/60 Hz
	-8W T5 LED TUBE LIGHT(900mm) with T5 Connector, 2700-3000K, WARM LIGHT AC 85V - 265V 50/60 Hz
	-DUPLEX CONVENIENCE OUTLET, GFCI TYPE , UNIVERSAL SLOT, GROUNDING TYPE, 16AMPS, 250VOLTS, 60Hz
	-EXHAUST FAN

<p>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MERALCO AVENUE PASIG CITY</p>	DESIGNED BY :	CHECKED BY :	RECOMMENDING APPROVAL :	RECOMMENDING APPROVAL :	APPROVED BY :	PROJECT TITLE :	PROJECT CODE :	OWNER :	SHEET NO. :
	 JOHN PAUL B. LICARDO TECHNICAL ASSISTANT III/ELECTRICAL ENGINEER EFD-DepED	 SIGMUND M. SANCHEZ PROFESSIONAL ELECTRICAL ENGINEER EFD-DepED	 ANNABELLE R. PANGAN CHIEF, EFD DepED	 ROBERT M. AGUSTIN DIRECTOR IV ADMINISTRATIVE SERVICE	 NOLASCO A. MAMPIN UNDERSECRETARY FOR ADMINISTRATION DepED	REHABILITATION AND UPGRADING OF ALONZO BUILDING COMFORT ROOMS INCLUDING PLUMBING/ SANITARY LINES & FIXTURES COMFORT ROOMS LOCATION : MERALCO AVE., PASIG CITY		DEPARTMENT OF EDUCATION DepED	SHEET CONTENTS : -RECORDS/GSD TOILETS LIGHTING LAYOUT -RECORDS/GSD TOILETS POWER LAYOUT -SCHEDULE OF LOAD



1 LIGHTING LAYOUT
ALONZO SECOND FLOOR
PLANNING MALE & FEMALE TOILET
E-17 SCALE 1: 50 M



2 POWER LAYOUT
ALONZO SECOND FLOOR
PLANNING MALE & FEMALE TOILET
E-17 SCALE 1: 50 M

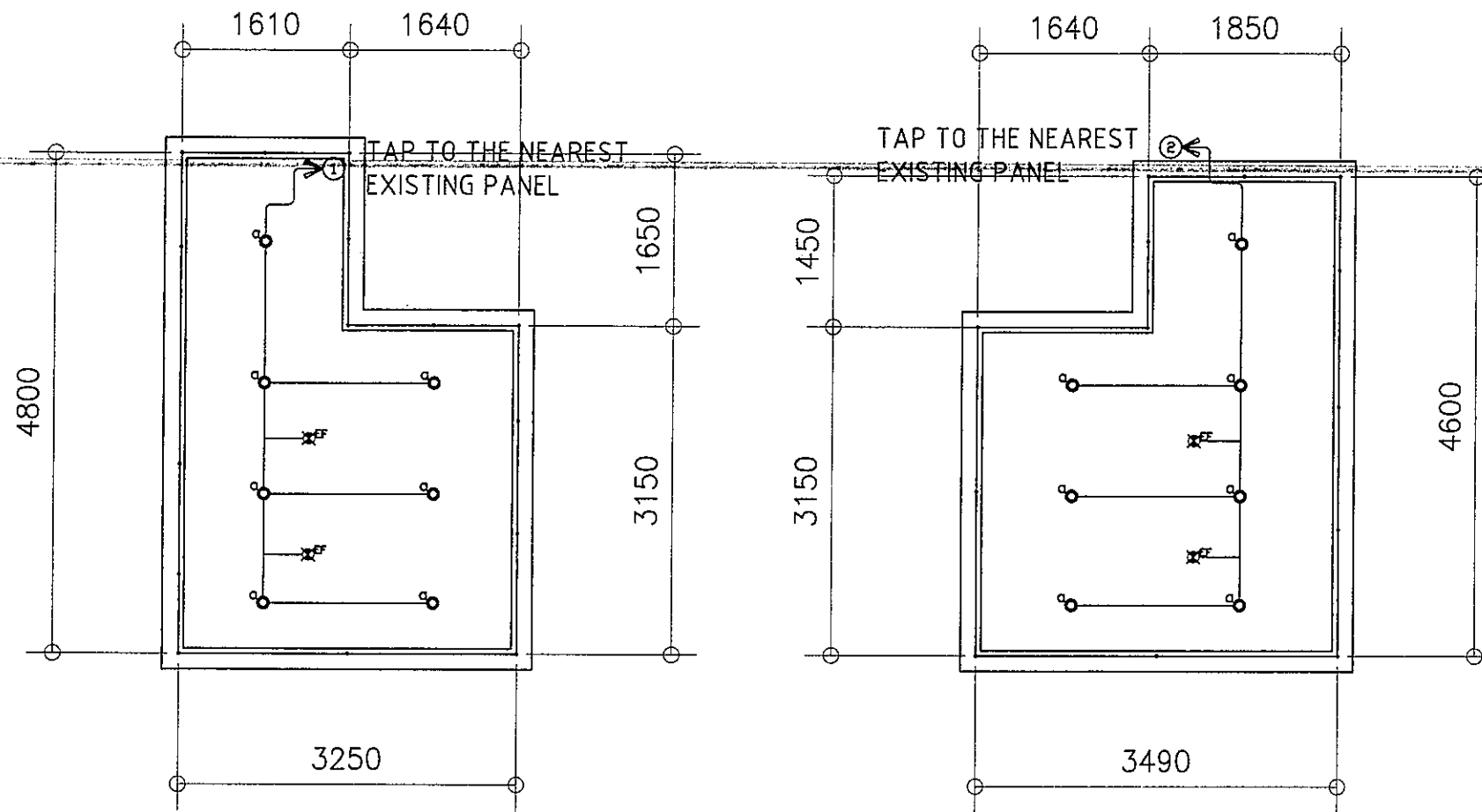
LOCATION : PROPERTY MALE & FEMALE TOILET (ALONZO BLDG.)

NAME OF PANEL	SCHEDULE OF LOADS				MAIN FEEDER SIZE			MAIN BREAKER SIZE							
	AB	BC	CD	3Φ	X	R,B	AT	A	A	A					
PANEL LOCATION															
ENCLOSURE TYPE	NEMA 1														
SYSTEM	230 V, 1PH, 60HZ														
CKT. NO	DESCRIPTION	VOLT-AMPERE	VOLT	AMPERE	CIRCUIT BREAKER				WIRE SIZE (THHN)		CONDUIT SIZE				
					AT	AF	P	X	G						
1	LIGHTING OUTLET CONVENIENCE OUTLET	1210	230	5.26					20	50	2	2- 3.5 mm ²	1 3.5 mm ²	20 mmØ	PVC
2	LIGHTING OUTLET CONVENIENCE OUTLET	1210	230	5.26					20	50	2	2- 3.5 mm ²	1 3.5 mm ²	20 mmØ	PVC
TOTAL		1210		10.52											

3 SCHEDULE OF LOAD
E-17 SCALE - M

SYMBOL AND DESCRIPTION :	
	-14W LED DOWNLIGHT ,RECESSED-MOUNTED, COB, 5000K, DAY LIGHT AC 85V - 265V 50/60 Hz
	-8W T5 LED TUBE LIGHT(900mm) with T5 Connector, 2700-3000K, WARM LIGHT AC 85V - 265V 50/60 Hz
	-DUPLEX CONVENIENCE OUTLET, GFCI TYPE , UNIVERSAL SLOT, GROUNDING TYPE, 16AMPS, 250VOLTS, 60Hz
	-EXHAUST FAN

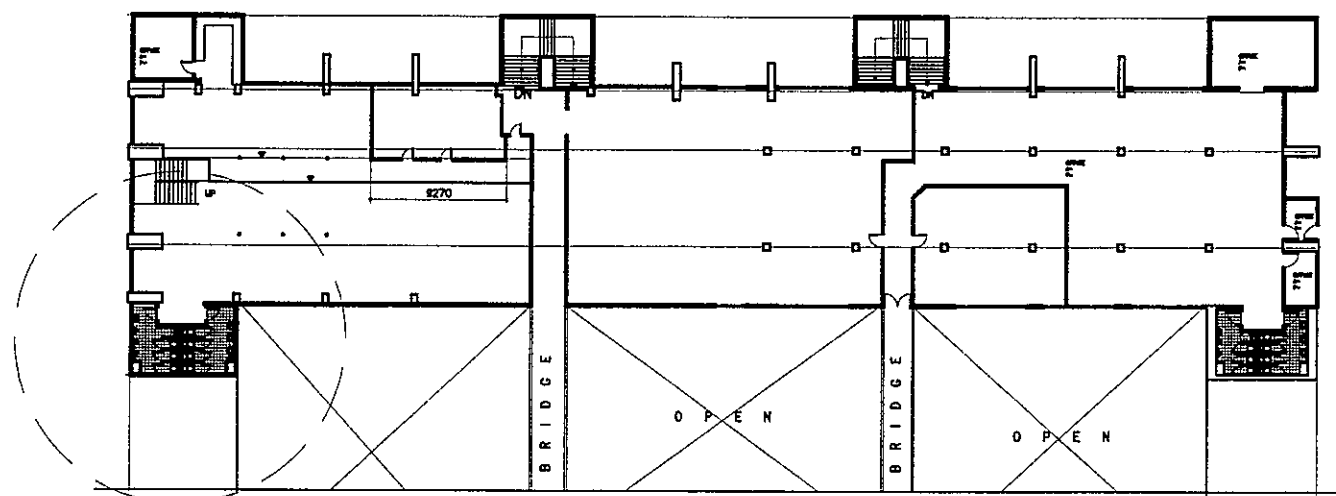
<p>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MERALCO AVENUE, PASIG CITY</p>	DESIGNED BY :	CHECKED BY :	RECOMMENDING APPROVAL :	RECOMMENDING APPROVAL :	APPROVED BY :	PROJECT TITLE :	PROJECT CODE :	OWNER :	SHEET NO. :
	 JOHN PAUL B. LICARDO TECHNICAL ASSISTANT II/ELECTRICAL ENGINEER EFD-DepED	 SIGMUND M. SANCHEZ PROFESSIONAL ELECTRICAL ENGINEER EFD-DepED	 ANNABELLE R. FANGAN CHIEF, EFD DepED	 ROBERT M. AGUSTIN DIRECTOR IN ADMINISTRATIVE SERVICE	 NOLASCO A. MEMPIN UNDERSECRETARY FOR ADMINISTRATION DepED	REHABILITATION AND UPGRADING OF ALONZO BUILDING COMFORT ROOMS INCLUDING PLUMBING/ SANITARY LINES & FIXTURES COMORT ROOMS LOCATION : MERALCO AVE., PASIG CITY		DEPARTMENT OF EDUCATION DepED	



SYMBOL AND DESCRIPTION :	
	-14W LED DOWNLIGHT ,RECESSED-MOUNTED, COB, 5000K, DAY LIGHT AC 85V - 265V 50/60 Hz
	-8W T5 LED TUBE LIGHT(900mm) with T5 Connector, 2700-3000K, WARM LIGHT AC 85V - 265V 50/60 Hz
	-DUPLEX CONVENIENCE OUTLET, GFCI TYPE , UNIVERSAL SLOT, GROUNDING TYPE, 16AMPS, 250VOLTS, 60Hz
	-EXHAUST FAN

1 ACCOUNTING MALE SECOND FLOOR LIGHTING LAYOUT
E-18 SCALE 1 : 50 M

2 ACCOUNTING FEMALE SECOND FLOOR LIGHTING LAYOUT
E-18 SCALE 1 : 50 M



8 SECOND FLOOR KEY PLAN
E-18 SCALE M

3 SCHEDULE OF LOAD
E-15 SCALE - M

LOCATION : ACCOUNTING OFFICE- TOILET													
NAME OF PANEL	PANEL LOCATION	ENCLOSURE TYPE	SYSTEM	SCHEDULE OF LOADS				MAIN FEEDER SIZE			MAIN BREAKER SIZE		
				AB	BC	CD	3φ	X	R.B	AT	A	A	
-	-	NEMA 1	230 V, 1PH, 60HZ					X	-	R.B	AT	-	A
								G	-	GREEN	AF	-	A
											P	-	P

CKT. NO	DESCRIPTION	VOLT- AMPERE	VOLT	AMPERE	AMPERE				CIRCUIT BREAKER			WIRE SIZE (THHN)		CONDUIT SIZE			
					AB	BC	CD	3φ	AT	AF	P	X	G				
1	LIGHTING OUTLET	1280	230	5.57					20	50	2	2-	3.5 mm ²	1	3.5 mm ²	20 mmφ	PVC
2	LIGHTING OUTLET	1280	230	5.57					20	50	2	2-	3.5 mm ²	1	3.5 mm ²	20 mmφ	PVC
TOTAL		1280		11.13													

GENERAL NOTES

ALL ELECTRICAL WORKS HEREIN SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE (PEC), EXISTING LOCAL ORDINANCES, RULES AND REGULATIONS OF THE UTILITY COMPANY

ALL MATERIALS (EQUIPMENT AND DEVICES) TO BE INSTALLED BY THE CONTRACTOR SHALL BE NEW AND SHALL BEAR THE CERTIFICATION MARK (PHILIPPINE STANDARD QUALITY MARK OR IMPORT COMMODITY CLEARANCE) ISSUED BY THE DEPARTMENT OF TRADE AND INDUSTRY-BUREAU OF PRODUCT STANDARDS (DTI-BPS) FOR SPECIFIC PURPOSES

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

ALL NON-CURRENT CARRYING METAL PARTS OF ELECTRICAL EQUIPMENT SHALL BE EFFECTIVELY GROUNDED.

ALL DIMENSIONS SHOWN ON THE PLANS ARE APPROXIMATE AND SHALL BE VERIFIED AS ACTUAL LOCATIONS, DISTANCES AND LEVELS ARE GOVERNED BY ACTUAL FIELD CONDITIONS.

PROVIDE PULLBOX AS NEEDED TO FACILITATE INSERTION AND WITHDRAWAL OF WIRES WITHOUT ABRASION, CONDUIT BENDS SHALL BE MADE IN SUCH A WAY THAT THE INTERNAL DIAMETER IS NOT REDUCED.

WIRE SPLICES SHALL BE MECHANICALLY AND ELECTRICALLY SECURED. TAPS, JOINTS AND SPLICES LARGER THAN 5.5mm² SHALL BE MADE WITH THE USE OF SOLDER-LESS COPPER CONNECTION. THEY SHALL BE COVERED WITH ELECTRICAL TAPE EQUAL TO THE THICKNESS OF THE WIRE INSULATION.

CONDUIT ROUTING SHOWN SHOULD SUIT THE FIELD CONDITIONS AND THE COORDINATION REQUIREMENTS OF UTILITIES AND OTHER TRADES. ANY CHANGES MUST BE COORDINATED WITH THE ENGINEER/OWNER AND HIS/HER REPRESENTATIVE.

ANY DISCREPANCY IN LOCATION AND RATING OF EQUIPMENT AND APARATUS SHALL BE VERIFIED WITH THE ENGINEER/OWNER OR ANY OF HIS REPRESENTATIVES AND CHANGES SHALL BE MADE ACCORDINGLY.

ALL PANELS, BREAKERS AND SWITCHES MUST BE APPROPRIATELY TAGGED WITH FEEDERS/PANELS/BREAKERS SUPPLYING THEM.

ALL ELECTRICAL WORK SHALL BE DONE UNDER DIRECT SUPERVISION OF DULY LICENSED ELECTRICAL ENGINEER.

MINIMUM WIRE SIZE SHALL BE 3.5mm² AND 8.0mm² FOR BRANCH CIRCUITS AND SERVICE FEEDERS RESPECTIVELY, MINIMUM CONDUIT SIZE SHALL BE 20mm DIAMETER..

GROUNDED CONNECTION SHOULD BE DONE BY EXOTHERMIC WELDING CONNECTION OR OTHER APPROVED SIMILAR PROCESS, MINIMUM GROUND RESISTANCE SHOULD BE 5 OHMS.

MOUNTING HEIGHT OF WIRING DEVICES SHALL BE AS FOLLOWS :

- a. LIGHT SWITCH - 1.20 M ABOVE FINISH FLOOR
- b. CONVENIENCE OUTLET - 0.30 M ABOVE FINISH FLOOR
- c. PANEL BOARD - 1.80 M ABOVE FINISH FLOOR

THE JOB SHALL BE EXECUTED IN THE MOST THOROUGH, PROMPT AND WORKMANLIKE MANNER, EMPLOYING STANDARD TOOLS, EQUIPMENTS, AND GOOD ENGINEERING PRACTICES.

NEW BRANCH CIRCUITS SHALL BE LABELED AT THE ORIGINATING PANEL BOARD, ON THE PANEL BOARD LEGEND. THEY SHALL BE ALSO LABELED AT THE LOAD END ON THE RECEPTACLE, LIGHT SWITCH, OR THE PIECE OF EQUIPMENT (E.G. MOTOR STARTER, SAFETY SWITCH) .

NOTES FOR DEMOLITION :

- FOR EXISTING EQUIPMENT, SUCH AS LIGHTING FIXTURES, WIRING DEVICES, CONDUITS, ETC., SHOWN ON PLANS TO BE REMOVED, COMPLETELY CUT/CAP CONDUIT AT THE AREA OF WORK PERIMETER AND REMOVE CONDUIT WITHIN THE WORK AREA, DISCONNECT WIRING AT THE OVERCURRENT PROTECTIVE DEVICE AND REMOVE WIRING COMPLETELY FROM THE ABANDONED CONDUITS.
- DISCONNECT ALL ABANDONED WIRING OF ALL TYPES AT THE OVERCURRENT PROTECTIVE DEVICE. COMPLETELY REMOVED ALL ABANDONED WIRING.

CONDUCTOR IDENTIFICATION : COLOR CODING

- GROUNDED CONDUCTORS - CONTINUOUS WHITE OR GRAY
- EQUIPMENT GROUNDING CONDUCTORS - GREEN
- UNGROUND CONDUCTORS - RED OR BLACK
- MEANS OF IDENTIFICATION SHALL BE PERMITTED TO BE BY SEPARATED COLOR CODING, MARKING TAPE, TAGGING OR OTHER APPROVED MEANS.

- NEW BRANCH CIRCUITS SHALL BE LABELED AT THE ORIGINATING PANEL BOARD, ON THE PANEL BOARD LEGEND. THEY SHALL BE ALSO LABELED AT THE LOAD END ON THE RECEPTACLE, LIGHT SWITCH, OR OTHER PIECE OF EQUIPMENT.

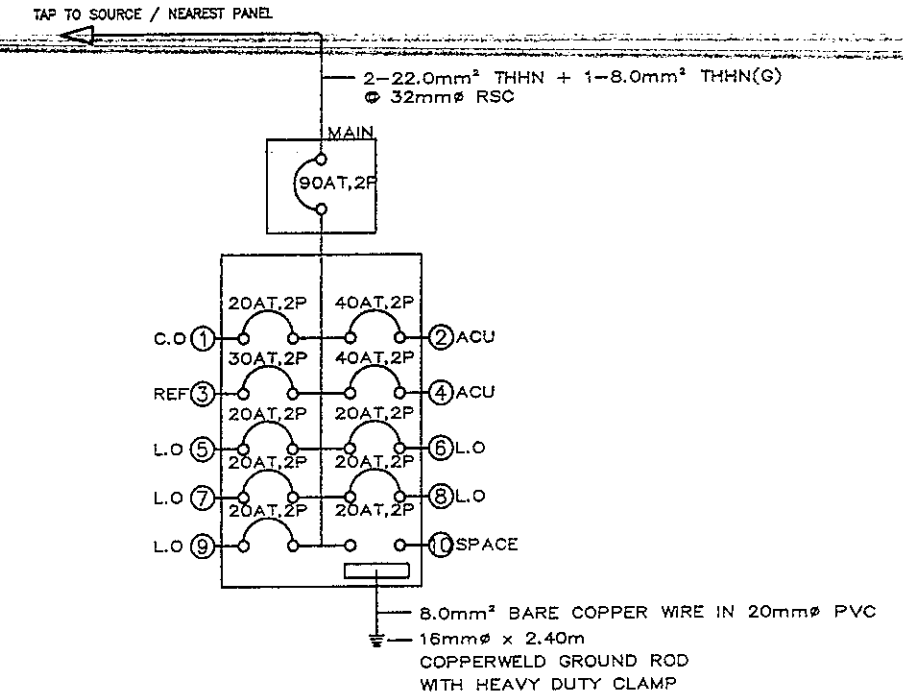
LEGEND

SYMBOL DESCRIPTION

- So' - One Gang Device Switch
- So'b' - Two Gang Device Switch
- So'b'c' - Three Gang Device Switch
- ⊕ - Tampered proof duplex convenience outlet grounding type 16Amps, with modern plate cover.
- ⊕_{GF} - Ground Fault Circuit Interrupter outlet
- ⊕_{SP} - Special Purpose Outlet
- ⊕_{SE} - Service Entrance
- ⊕_{CH} - Circuit Homerun
- ⊕_{CB} - Circuit Breaker (Rating as Indicated)
- ⊕_{EF} - Exhaust Fan Outlet
- ⊕_G - Grounding
- ⊕_{RC} - Raceway Conduit Concealed in Ceiling
- ⊕_{RF} - Raceway Conduit Cocealed Under Floor
- DP-# - PanelBoard marked as "DP"
- ⊕_F - Provision of Fire Alarm System
- ⊕_{EF} - Exhaust Fan, 50CFM

1 ELECTRICAL RISER DIAGRAM

E-19 SCALE NTS. M

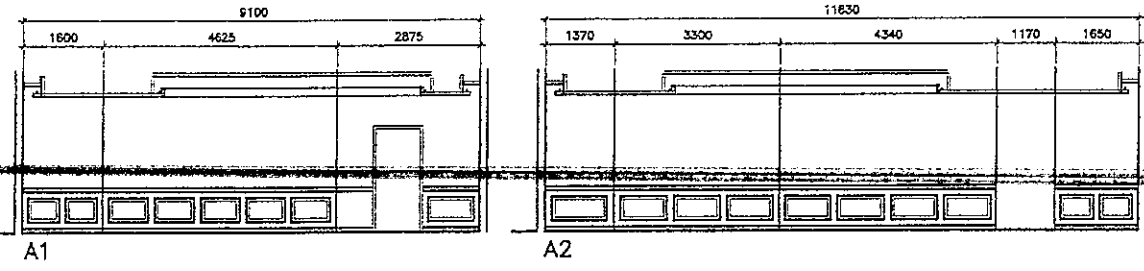


2 SCHEDULE OF LOADS

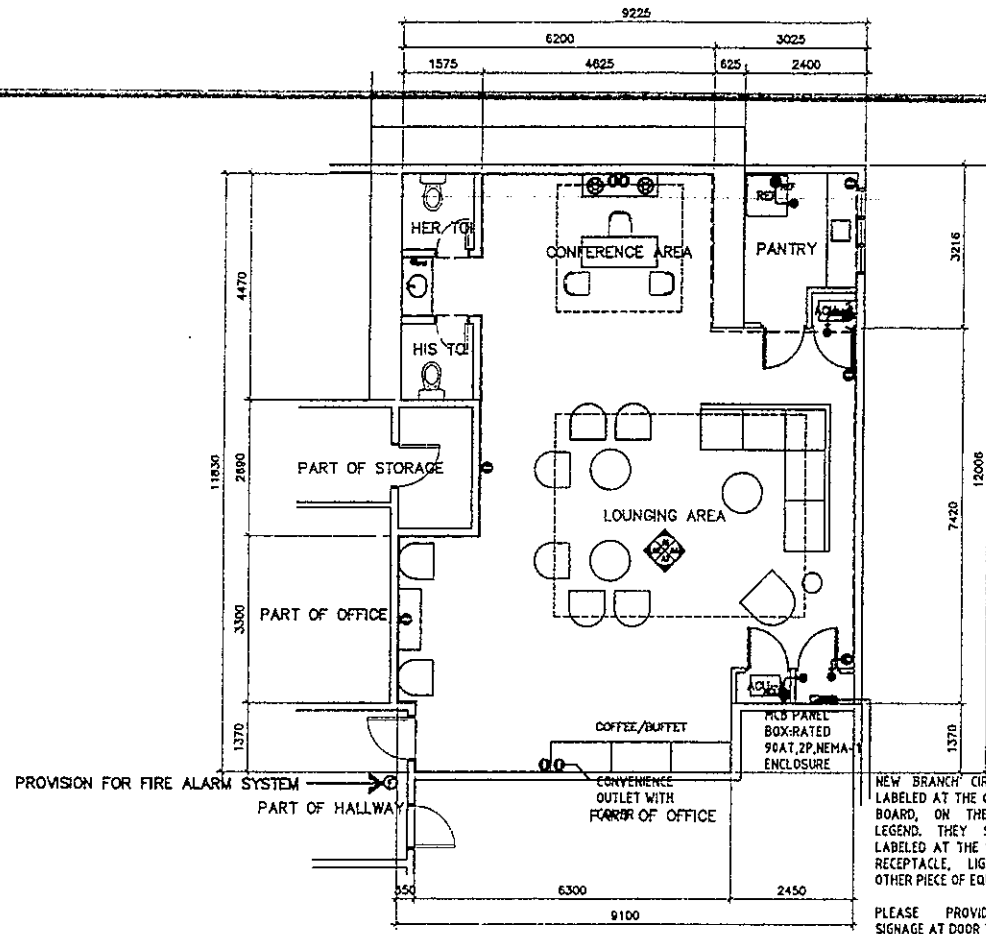
E-19 SCALE NTS. M

PANEL LOCATION	GROUND FLOOR LEFT WING (RIZAL BLDG)	SCHEDULE OF LOADS				MAIN FEEDER SIZE			MAIN BREAKER SIZE							
		X	SS	R,Y,BK	AT	100	A	150	A							
ENCLOSURE TYPE	NEMA 1	LPP				G	8	GREEN	AF	3	P					
VOLTAGE SYSTEM	230	SETS	1	TYPE	THHN/THWN	KAIC	22	P								
PHASE SYSTEM	3PH, 40HZ															
CKT. NO	DESCRIPTION	V	VA	AMPERES						WIRE SIZE (mm²)			CONDUIT SIZE (mm)			
				AB	BC	CD	3ø	AT	AF	P	X	G				
1	CONVENIENCE OUTLET	230	1800.00	7.83				20	50	2	2-	3.5	1-	3.5	20	PVC
2	AIRCONDITIONING UNIT - 3TR	230	3450.00	15.00				40	50	2	2-	8.0	1-	5.5	20	PVC
3	REFRIGERATOR	230	1840.00		8.00			30	50	2	2-	5.5	1-	3.5	20	PVC
4	AIRCONDITIONING UNIT - 3TR	230	3450.00	15.00				40	50	2	2-	8.0	1-	5.5	20	PVC
5	LIGHTING OUTLET	230	910.00			3.96		20	50	2	2-	3.5	1-	3.5	20	PVC
6	LIGHTING OUTLET	230	980.00			4.26		20	50	2	2-	3.5	1-	3.5	20	PVC
7	LIGHTING OUTLET (COVE LIGHT)	230	2800.00	12.17				20	50	2	2-	3.5	1-	3.5	20	PVC
8	LIGHTING OUTLET (COVE LIGHT)	230	1190.00	5.17				20	50	2	2-	3.5	1-	3.5	20	PVC
9	LIGHTING OUTLET	230	420.00		1.83			20	50	2	2-	3.5	1-	3.5	20	PVC
10	SPARE	230	1000.00		4.35			20	50	2						
11	SPARE	230	2000.00			8.70		20	50	2						
12	SPARE	230	1500.00			6.52		20	50	2						
TOTAL CONNECTED LOAD					40.17	23.17	23.43	0.00								42x
FOR FEEDER CURRENT		3PH + 1PH LOAD = 69.59 A		SIZE FOR MAIN FEEDER (mm²)		X		G		FOR MAIN BREAKER SIZE		100		AT		
25% OF HIGHEST CONTINUOUS LOAD = 3.75 A		HIGHEST CURRENT LOAD = 15.00 A		NO. OF SET		3-		35.0		1-		8.0		150		AF
DEMAND FACTOR = 80%		FEEDER = 58.67 A		SIZE OF CONDUIT		NO. OF SET		1		3		P		22		KAIC
PH	FEEDER	= 58.67 A		42		RSC		MCCB, 60LT-ON								
1.73	MAIN CIRCUIT BREAKER	= 76.67 A														

REPUBLIC OF THE PHILIPPINES DepED DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MERRILL AVENUE, PASIG CITY	DRAWN BY: JOHN PAUL B. LICARDO TECHNICAL ASSISTANT ELECTRICAL ENGINEER EFD-DepED	CHECKED BY: SIEGMUND M. SANCHEZ PROFESSIONAL ELECTRICAL ENGINEER EFD-DepED	RECOMMENDING APPROVAL: ANNABELLE R. PANGAN CHIEF, EFD DepED	RECOMMENDING APPROVAL: ROBERT M. AGUSTIN DIRECTOR IV ADMINISTRATIVE SERVICE	APPROVED BY: NOLASCO A. MEMPO UNDERSECRETARY FOR ADMINISTRATION DepED	PROJECT TITLE: A PROPOSED VISITORS' LOUNGE @RIZAL BUILDING LOCATION: G/F RIZAL BUILDING, DEPED COMPLEX, MERRILL AVENUE, PASIG CITY	PROJECT CODE:	OWNER: DEPARTMENT OF EDUCATION DepED SHEET CONTENTS: GENERAL NOTES ELECTRICAL RISER DIAGRAM SCHEDULE OF LOADS	SHEET NO: E-19 20
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2 VISITORS' LOUNGE ELEVATION/SECTIONS
E-20 SCALE 1 : 100 M

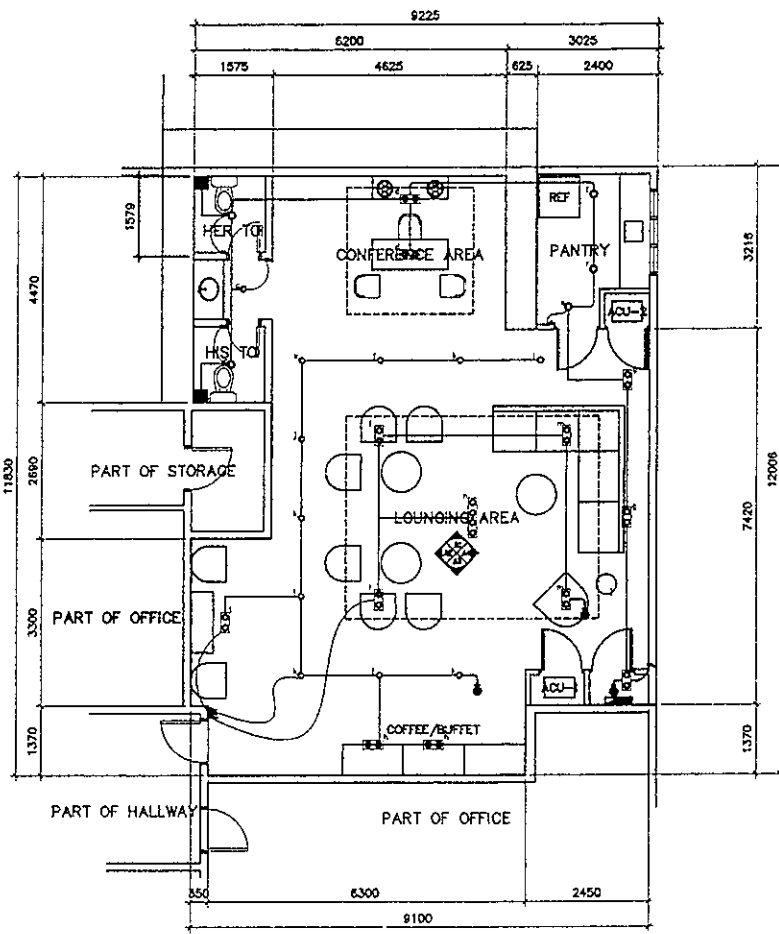


1 VISITORS' LOUNGE PROPOSED POWER LAYOUT
E-20 SCALE 1 : 100 M

NEW BRANCH CIRCUITS SHALL BE LABELED AT THE ORIGINATING PANEL BOARD, ON THE PANEL BOARD LEGEND. THEY SHALL BE ALSO LABELED AT THE LOAD END ON THE RECEPTACLE, LIGHT SWITCH, OR OTHER PIECE OF EQUIPMENT

PLEASE PROVIDE CAUTIONARY SIGNAGE AT DOOR TO INDICATE PANEL BOARD INSIDE.

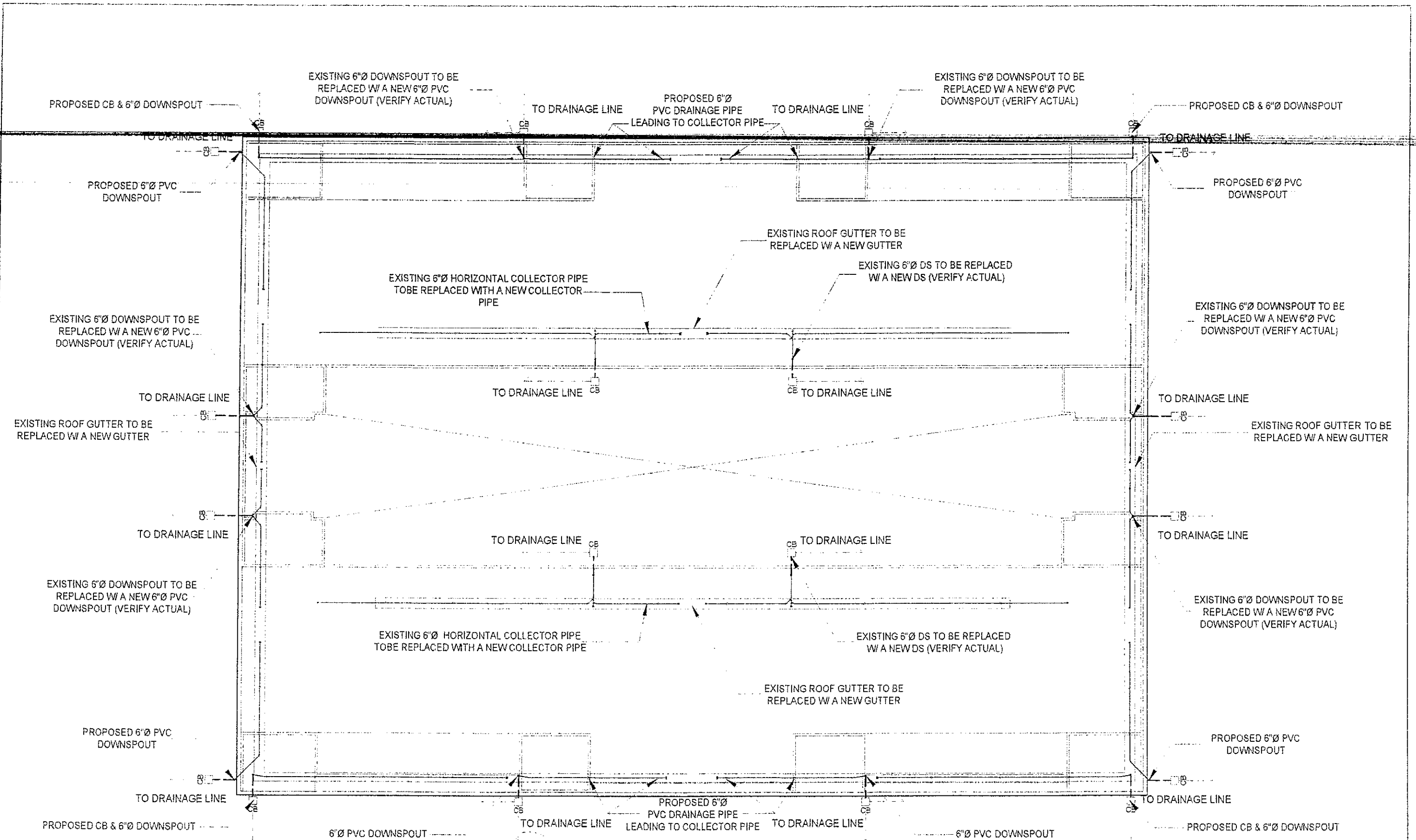
TAP TO EXISTING PANEL (VERIFIED TO RECOMMENDATION)




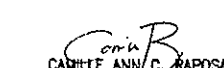




3 VISITORS' LOUNGE PROPOSED LIGHTING LAYOUT
E-20 SCALE 1 : 100 M

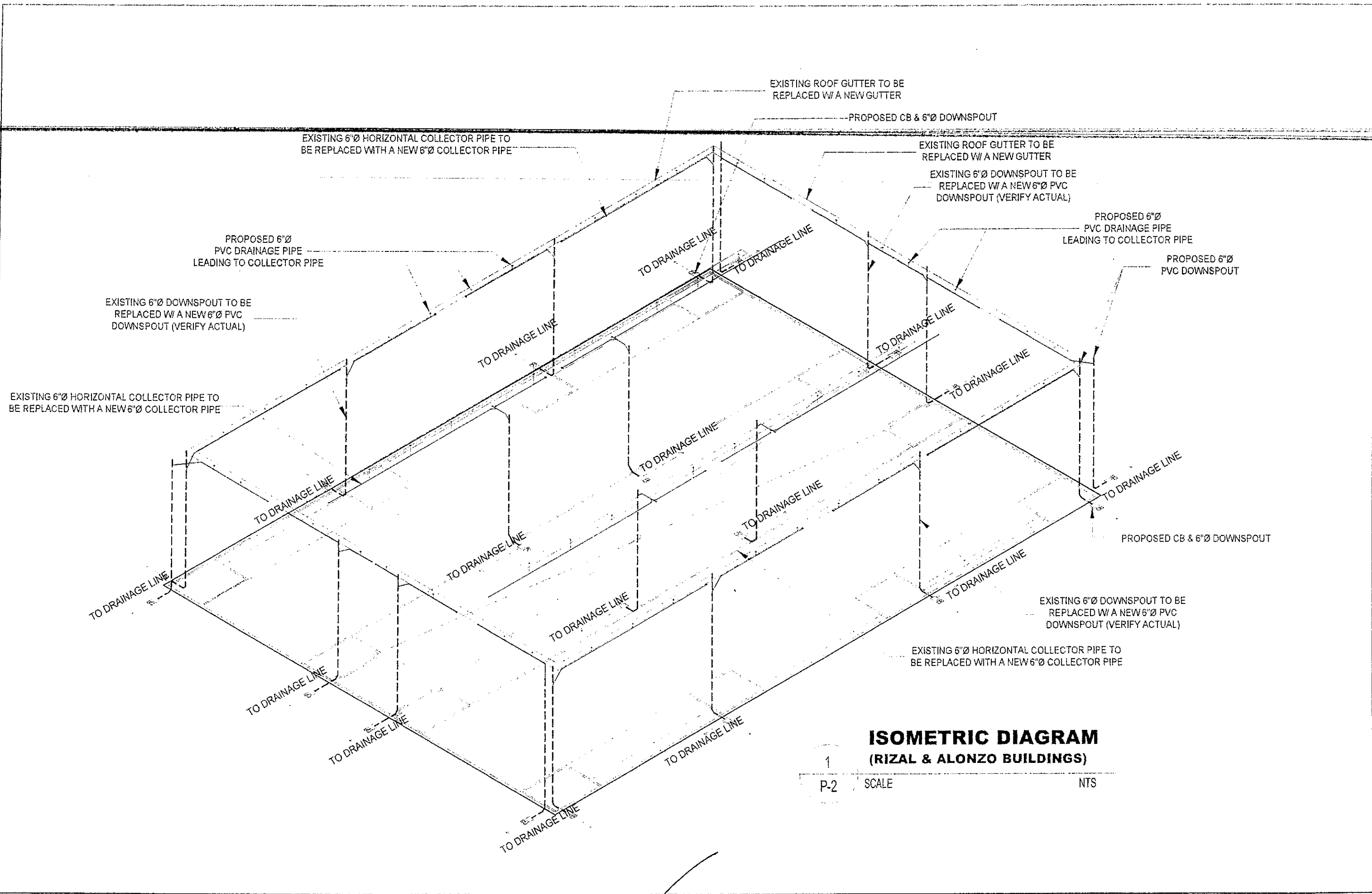
LIGHTINGS SPECIFICATION :	
	-16W LED DOWNLIGHT (IP40), RECESSED-MOUNTED, COB, 2700-3500K, WARM LIGHT AC 85V - 265V 50/60 Hz
	-2x20W ARCHITECTURAL DIRECTIONAL LIGHT LED, RECESSED MOUNTED, COB (WHITE RIM) 2000K-2500K WARM LIGHT, AC 85V - 265V 50/60 Hz
	-14W T5 LED TUBE LIGHT (1200mm) COVE LIGHT with T5 Connector, 2700-3000K, WARM LIGHT AC 85V - 265V 50/60 Hz

<p>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MERRILL ROAD, PASIG CITY</p>	DRAWN BY : JOHN PAUL B. LICARDO TECHNICAL ASSISTANT / ELECTRICAL ENGINEER ETD, DepED	CHECKED BY : SIEGMUND M. SANCHEZ PROFESSIONAL ELECTRICAL ENGINEER ETD, DepED	RECOMMENDING APPROVAL : ANNABELLE R. PARGAN CHIEF, ETD DepED	RECOMMENDING APPROVAL : ROBERT M. AGUSTIN DIRECTOR IN ADMINISTRATIVE SERVICE	APPROVED BY : NOLASCO A. MAMPIN UNDERSECRETARY FOR ADMINISTRATION DepED	PROJECT TITLE : A PROPOSED VISITORS' LOUNGE @ RIZAL BUILDING LOCATION : G/F RIZAL BUILDING, DEPED COMPLEX, MERRILL AVENUE, PASIG CITY	PROJECT CODE : OWNER : DEPARTMENT OF EDUCATION DepED	SHEET NO. : E-20 20
	SHEET CONTENTS : ELEVATIONS/SECTIONS POWER LAYOUT LIGHTING LAYOUT							




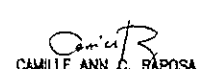




1 **DRAINAGE LINE LAYOUT**
 P-1 SCALE NTS

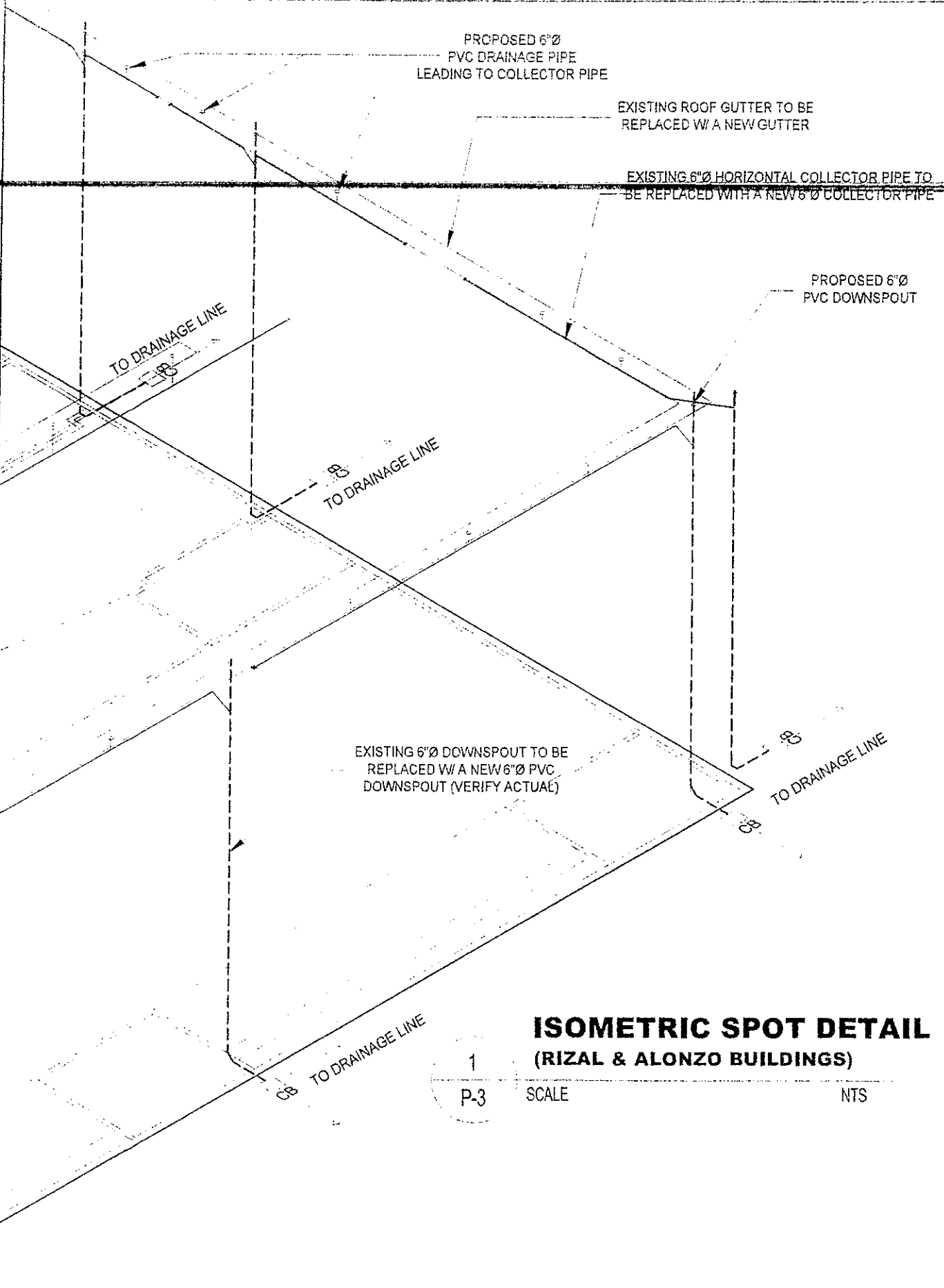
 <p>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MERALCO AVENUE, PASIG CITY</p>	DRAWN BY:  CARMELLE ANN C. RAPOSA MASTER PLUMBER EFD-DepED	CHECKED BY:  ALDRIN C. TAGAO MASTER PLUMBER EFD-DepED	RECOMMENDING APPROVAL:  ANNABELLE R. PANGAN CHIEF, EFD DepED	RECOMMENDING APPROVAL:  ROBERT M. AGUSTIN DIRECTOR IN ADMINISTRATIVE SERVICE	APPROVED BY:  NOLASCO A. MEMPIN UNDERSECRETARY FOR ADMINISTRATION DepED	PROJECT TITLE: REPAIR/RENOVATION OF ALONZO & RIZAL BUILDINGS OF DEPED CENTRAL OFFICE	PROJECT CODE: 	OWNER: DEPARTMENT OF EDUCATION DepED	SHEET NO.: P-1 15
	LOCATION: MERALCO AVENUE, PASIG CITY						SHEET CONTENTS: DRAINAGE LINE LAYOUT		



**ISOMETRIC DIAGRAM
(RIZAL & ALONZO BUILDINGS)**

1
P-2 SCALE NTS

REPUBLIC OF THE PHILIPPINES  DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MERALCO AVENUE, PASIG CITY	DRAWN BY :  CAMILLE ANN C. RAPOSA MASTER PLUMBER ETO-DepED	CHECKED BY :  ALDRIN S. TAGAO MASTER PLUMBER ETO-DepED	RECOMMENDING APPROVAL :  ANNABELLE R. PANGAN CHIEF, ETO DepED	RECOMMENDING APPROVAL :  ROBERT M. ACUSTIN DIRECTOR IN ADMINISTRATIVE SERVICE	APPROVED BY :  NOLASCO A. MAMPIN UNDERSECRETARY FOR ADMINISTRATION DepED	PROJECT TITLE : REPAIR/RENOVATION OF ALONZO & RIZAL BUILDINGS OF DEPED CENTRAL OFFICE LOCATION : MERALCO AVENUE, PASIG CITY	PROJECT CODE : OWNER : DEPARTMENT OF EDUCATION DepED	SHEET NO. : P-2 15
	SHEET CONTENTS : ISOMETRIC DIAGRAM							



GENERAL NOTES:

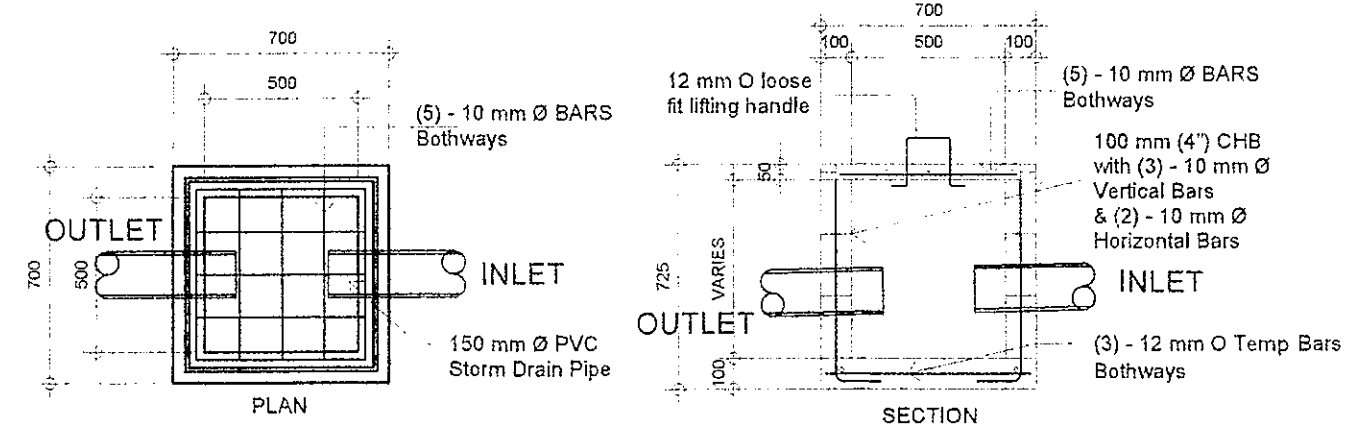
1. ALL PLUMBING WORKS INCLUDED HEREIN SHALL BE EXECUTED ACCORDING TO THE PHILIPPINE PLUMBING CODE, THE NATIONAL BUILDING CODE, AND THE RULES AND REGULATIONS OF THE LOCAL GOVERNMENT AUTHORITIES CONCERNED.
2. COORDINATE THE DRAWING WITH OTHER RELATED DRAWINGS AND SPECIFICATIONS, THE DESIGNER SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCY FOUND HEREIN.
3. ALL PIPES SHALL BE INSTALLED AS INDICATED ON PLANS, ANY RELOCATIONS REQUIRED FOR PROPER EXECUTIONS OF OTHER TRADES SHALL BE WITH PRIOR APPROVAL OF THE ARCHITECT OR ENGINEER.
4. PROPOSED UTILITIES SHALL CONFORM TO THE ACTUAL LOCATION, DEPTH AND INVERT ELEVATION OF ALL EXISTING PIPES AND STRUCTURES AS VERIFIED BY THE CONTRACTOR.
5. ALL SLOPES FOR HORIZONTAL DRAINAGES SHALL MAINTAIN 2% AS MINIMUM UNLESS NOTED OTHERWISE.
6. ALL FIXTURES SHALL BE VENTED, UNLESS OTHERWISE INDICATED.
7. AIR CHAMBER, ALL INDIVIDUAL BRANCHES TO FIXTURES OR GROUP OF FIXTURES AND OR EQUIPMENTS SHALL BE PROVIDED WITH AIR CHAMBER OF CAPPED ERTICAL PIPE EXTENSION OF DIMENSIONS AS SHOWN IN THE DETAILS.
8. ALL SEWER LINES SHALL BE PVC SERIES 1000, "NELTEX", "SANIMOLD EXTRA" OR APPROVED EQUAL.
9. ALL VENT STACK AND VENT SHALL BE PVC PIPE SERIES 1000, "NELTEX", "SANIMOLD" OR APPROVED EQUAL.
10. ALL GALVANIZED IRON PIPES LAID UNDERGROUND AND WITH DIRECT CONTACT WITH THE SOIL SHALL BE PROVIDED WITH THE THREE PROTECTIVE TAR-COVERING THEN WRAP WITH BURLAP.
11. MAIN WATER DISTRIBUTION LINE SHALL BE POLYPROPYLENE PIPE (PPR). ALL OTHER PIPES TO BE USED SHALL BE AS PER PLAN AND SPECIFICATIONS.
12. ALL COLD WATER LINES SHALL BE TESTED 100 PSI FOR A PERIOD OF TWO (2) HOURS BEFORE COVERING.
13. ALL HOT WATER LINES SHALL BE PROPERLY INSULATED.
14. ALL WET AREAS SHALL BE WATERPROOFED THRO-SEAL, HYCARD, OR APPROVED EQUAL AND SHALL BE TESTED FOR TWENTY-FOUR (24) HOURS PRIOR TO FLOOR TAPPING.
15. ALL SEWER/WASTE SHALL BE TESTED AT 1.5M HEAD, TAPPING.
16. WASTE LINES SHALL BE HYDRO-STATIC TESTED AT LEAST 100PSI PRIOR TO
17. ALL SINKS (KITCHEN, PANTRY, ETC.) SHALL BE PROVIDED WITH CAST-IRON "METMA" OR STAINLESS STEEL GREASE TRAP WITH 10GPM MINIMUM CAPACITY, IF NEEDED.
18. ALL SEWER/WASTE LINES, VENT AND WATER LINES SHALL BE PROVIDED WITH ADEQUATE STANDARD PIPE HANGER SUPPORT.
19. PROVIDE PIPE SLEEVES, AS NEEDED IN WALL PENETRATIONS.
20. NO PIPE SHALL PASS THROUGH EXISTING BEAMS AND COLUMNS.

MATERIAL SPECIFICATIONS:

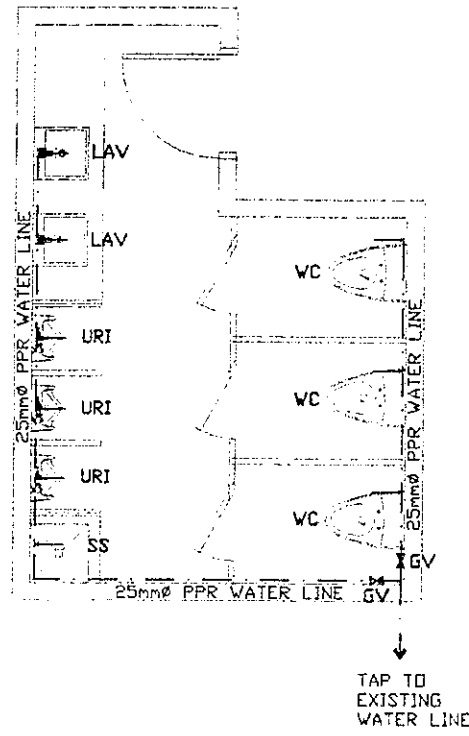
SEWER AND VENT	POLY VINYL CHLORIDE (PVC) PIPES SERIES 1000, "NELTEX", "SANIMOLD EXTRA" OR APPROVED EQUAL.
DRAIN, WASTE & VENT PIPE (DWV)	POLYVINYL CHLORIDE (PVC) PIPES SERIES 1000, AND CLASS 35 SIMILAR TO EMERALD OR ITS APPROVED EQUAL.
COLD WATER LINE	POLYPROPYLENE (PPR) PIPES BY "VESBO" OR APPROVED EQUAL.
HOT WATER LINE	POLYPROPYLENE (PPR) PIPES BY "VESBO" OR APPROVED EQUAL.
VALVES	MANUFACTURED BY "KITZ" BRAND OR APPROVED EQUAL.
FLOOR DRAIN	MANUFACTURED BY "KITZ" BRAND OR APPROVED EQUAL.
H/W INSULATION	25mm FIBERGLASS, 65 Kg/m ² DENSITY, WITH FACTORY APPLIED SERVICE VAPOR BARRIER JACKET.
PCU INSULATION	25mm THK RUBBER INSULATION.
WATER TANK	"BESTANK" 600 GALS STAINLESS CYLINDER TANK.

DESIGN LEGENDS:

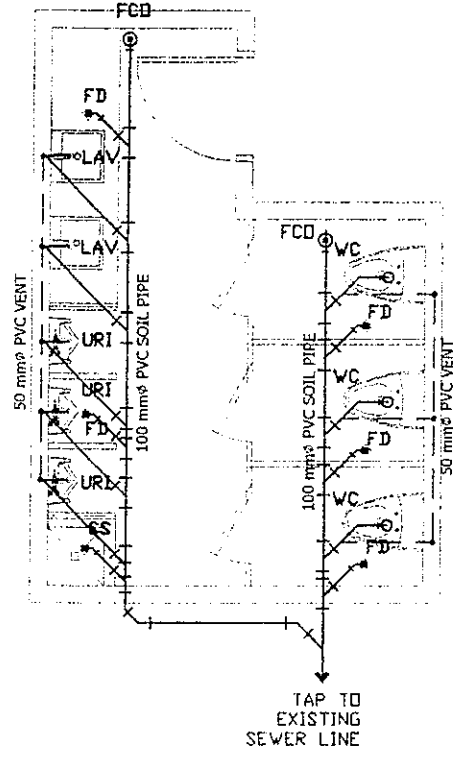
GV	GATE VALVE	VSTR	VENT THRU ROOF
M	WATER METER	TD	TUB DRAIN
CV	CHECK VALVE	FD	FLOOR DRAIN
WC	WATER CLOSET	GD	GUTTER DRAIN
LAV.	LAVATORY	CB	CATCH BASIN
KS	KITCHEN SINK	DS	DOWN SPOUT
GT	GREASE TRAP	SV	SEPTIC VAULT
SHO	SHOWER	WC	WATER CISTERN
HB	HOSE BIBB	SS	SOIL STACK
CO	CLEAN OUT	BT	BATH TUB
FCO	FLOOR-CLEAN OUT	FC	FLEX. CONNECTOR
F	FAUCET	PT	PRESSURE TANK
WP	WATER PUMP	HT	HYDRO-PNEUMATIC
WT	WATER TANK	WP	WATER PUMP
T	TOILET NO.	---	WATER LINE
MH	MANHOLE	---	SEWER LINE
BP	BUSTER PUMP	---	STORM LINE
FLV	FLOAT VALVE	GT	GREASE TRAP
FV	FOOT VALVE	CD	COKE DISPENSER
LD	LAUNDRY DRAIN	CDD	COKE DISP. DRAIN
BS	BIDET SPRAY	WF	WATER FILTER
		CAP	CAP
		THSP	101 HOR. SOIL PIPE



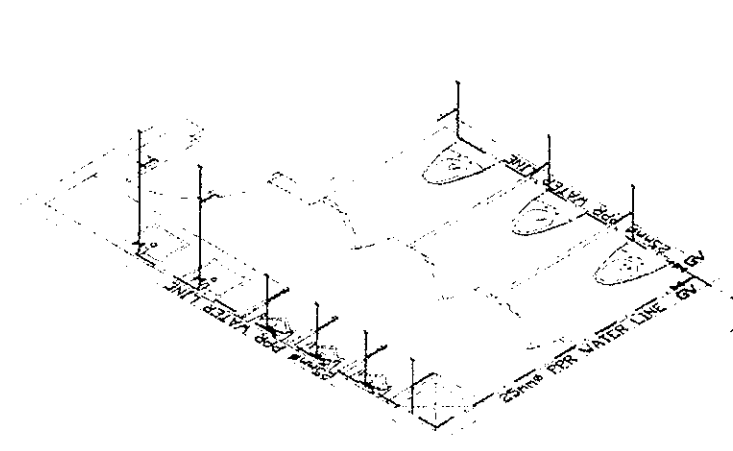
REPUBLIC OF THE PHILIPPINES DepED DEPARTMENT OF EDUCATION FACILITIES DIVISION MERALCO AVENUE, PASIG CITY	DRAWN BY: CAMILLE ANN C. RAPOSA MASTER PLUMBER ETO-DepED	CHECKED BY: ALDRIN C. TAGAO MASTER PLUMBER ETO-DepED	RECOMMENDING APPROVAL: ANNABELLE P. PANGAN CHIEF, ETO DepED	RECOMMENDING APPROVAL: ROBERT M. AGUSTIN DIRECTOR IN ADMINISTRATIVE SERVICE	APPROVED BY: NOLASCO A. MAMPIN, Jr. UNDERSECRETARY FOR ADMINISTRATION DepED	PROJECT TITLE: REPAIR/RENOVATION OF ALONZO & RIZAL BUILDINGS OF DEPED CENTRAL OFFICE	PROJECT CODE: 	OWNER: DEPARTMENT OF EDUCATION DepED	SHEET NO.: P-3 15
	LOCATION: MERALCO AVENUE, PASIG CITY						SHEET CONTENTS: ISOMETRIC DETAIL PLUMBING NOTES CATCH BASIN DETAIL		



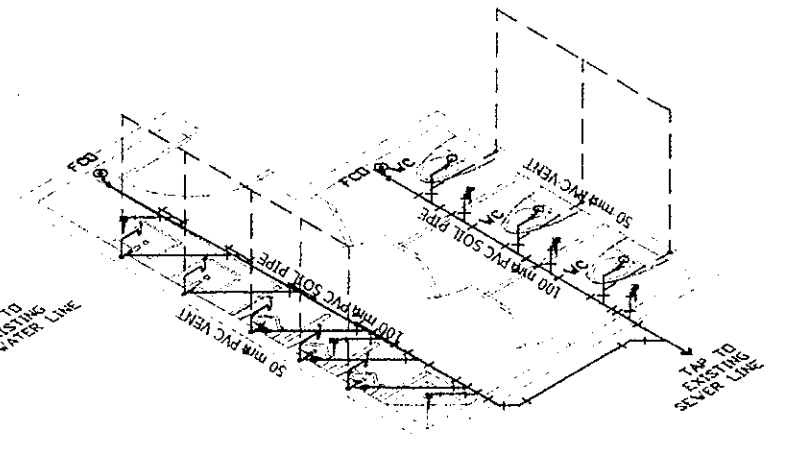
1 PROPERTY MALE TOILET
WATER LINE LAYOUT
P-4 SCALE 1 : 50 M



2 PROPERTY MALE TOILET
SEWER LINE LAYOUT
P-4 SCALE 1 : 50 M

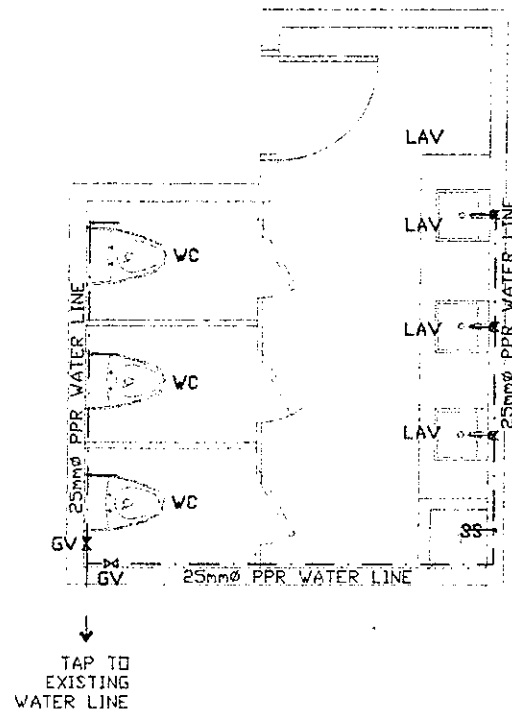


3 PROPERTY MALE TOILET WATER LINE
ISOMETRIC VIEW
P-4 SCALE 1 : 50 M

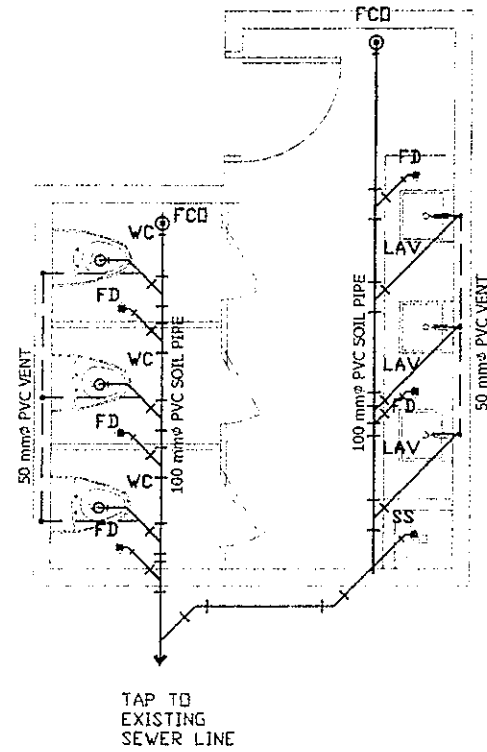


4 PROPERTY MALE TOILET SEWER LINE
ISOMETRIC VIEW
P-4 SCALE 1 : 50 M

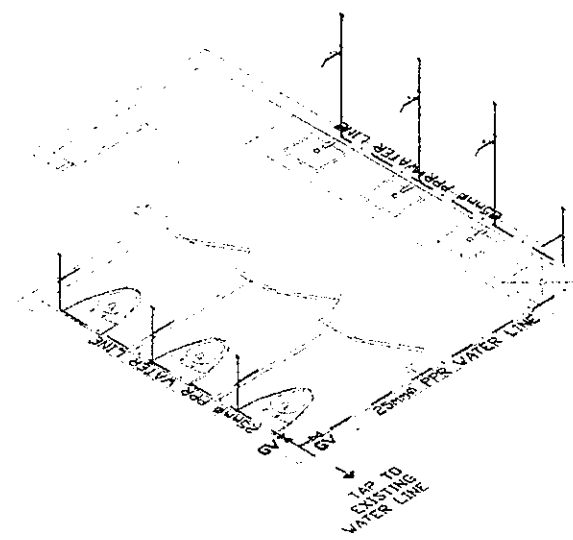
REPUBLIC OF THE PHILIPPINES DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MERALCO AVENUE, PASIG CITY	DRAWN BY : JUNELSON P. CURLADO CAD OPERATOR EFD-DepED	CHECKED BY : ALDRIN C. TAZAAD MASTER PLUMBER EFD-DepED	RECOMMENDING APPROVAL : ANNAABELLE R. PANGAN CHIEF, EFD DepED	RECOMMENDING APPROVAL : ROBERT M. AGUSTIN DIRECTOR IV ADMINISTRATIVE SERVICE	APPROVED BY : NOLASCO A. MEMPIN UNDERSECRETARY FOR ADMINISTRATION DepED	PROJECT TITLE : REHABILITATION AND UPGRADING OF ALONZO BUILDING COMFORT ROOMS INCLUDING PLUMBING/ SANITARY LINES & FIXTURES COMFORT ROOMS	PROJECT CODE :	OWNER : DEPARTMENT OF EDUCATION DepED	SHEET NO.: P-4 15
	LOCATION : MERALCO AVE., PASIG CITY						SHEET CONTENTS : -PROPERTY MALE TOILET WATER LINE LAYOUT -PROPERTY MALE TOILET SEWER LINE LAYOUT -ISOMETRIC VIEW		



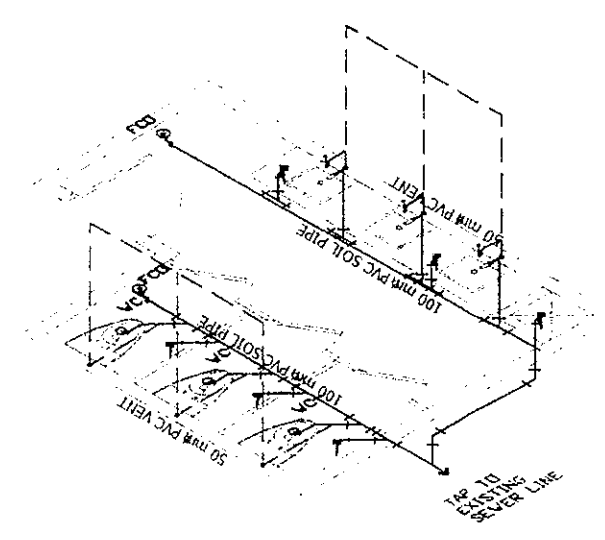
PROPERTY FEMALE TOILET
1 WATER LINE LAYOUT
P-5 SCALE 1 : 50 M








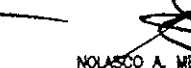
PROPERTY FEMALE TOILET
2 SEWER LINE LAYOUT
P-5 SCALE 1 : 50 M

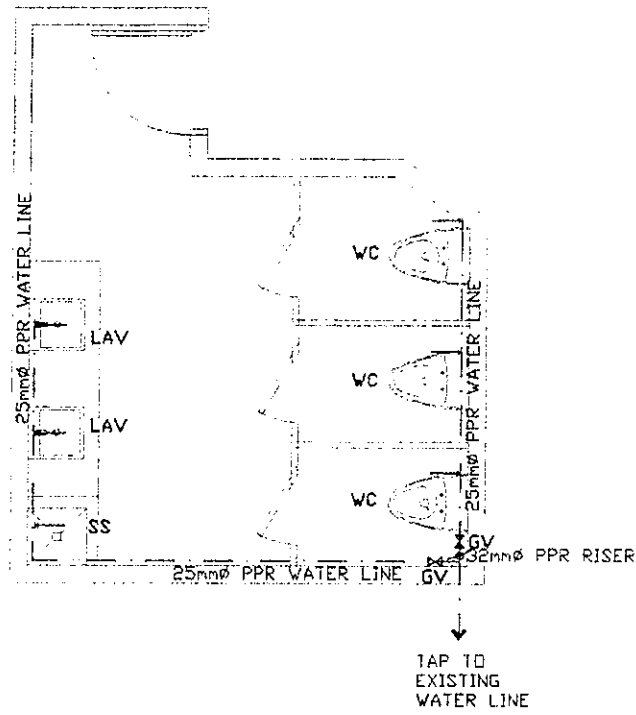


PROPERTY FEMALE TOILET WATER LINE
3 ISOMETRIC VIEW
P-5 SCALE 1 : 50 M

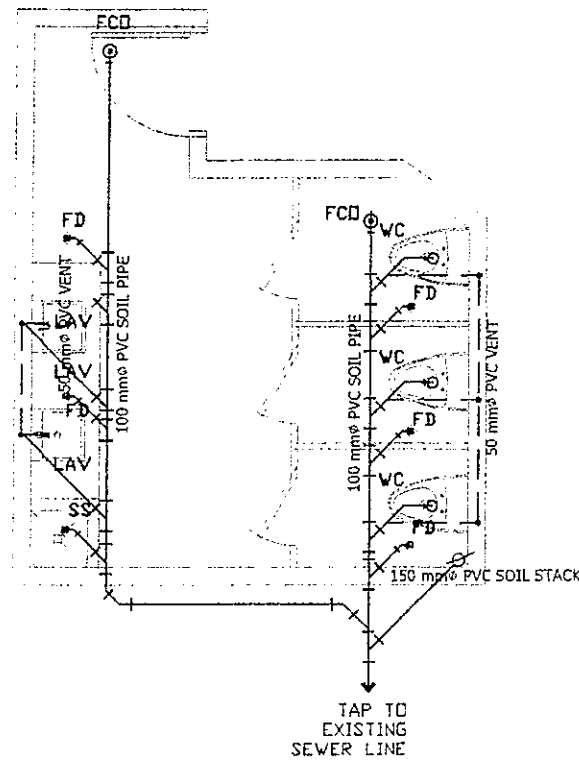


PROPERTY FEMALE TOILET SEWER LINE
4 ISOMETRIC VIEW
P-5 SCALE 1 : 50 M

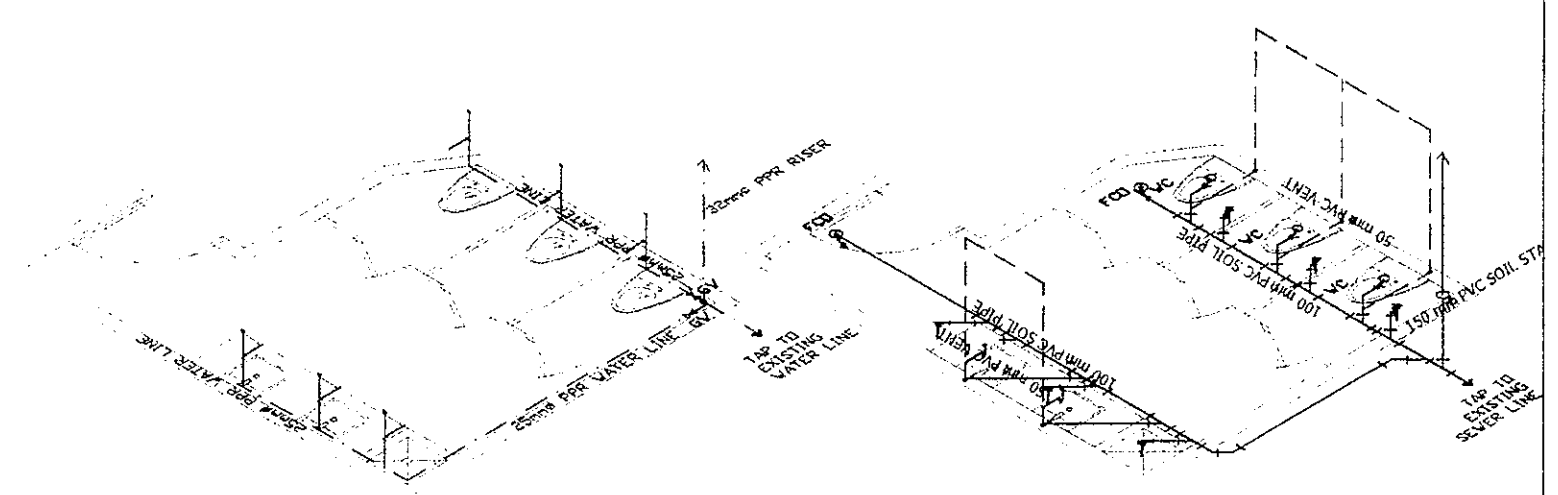
REPUBLIC OF THE PHILIPPINES  DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MERALCO AVENUE, PASIG CITY	DRAWN BY :  JUNELSON P. CULLADO CAD OPERATOR EFD-DepED	CHECKED BY :  ALDRIN C. TACAO MASTER PLUMBER EFD-DepED	RECOMMENDING APPROVAL :  ANNABEL DEUR PANGAN CHIEF, EFD DepED	RECOMMENDING APPROVAL :  ROBERT M. AGUSTIN DIRECTOR IV ADMINISTRATIVE SERVICE	APPROVED BY :  NOLASCO A. MEMPIN UNDERSECRETARY FOR ADMINISTRATION DepED	PROJECT TITLE : REHABILITATION AND UPGRADING OF ALONZO BUILDING COMFORT ROOMS INCLUDING PLUMBING/ SANITARY LINES & FIXTURES COMFORT ROOMS	PROJECT CODE:	OWNER : DEPARTMENT OF EDUCATION DepED	SHEET NO.: P-5 15
	LOCATION : MERALCO AVE., PASIG CITY						SHEET CONTENTS : -PROPERTY FEMALE TOILET WATER LINE LAYOUT -PROPERTY FEMALE TOILET SEWER LINE LAYOUT -ISOMETRIC VIEW		



RECORDS/GSD FEMALE TOILET
1 WATER LINE LAYOUT
 P-6 SCALE 1 : 50 M



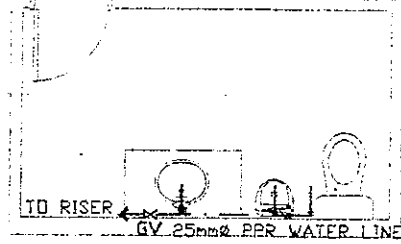
RECORDS/GSD FEMALE TOILET
2 SEWER LINE LAYOUT
 P-6 SCALE 1 : 50 M



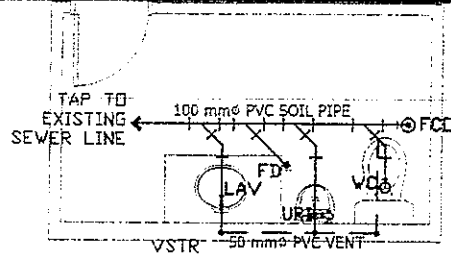
RECORDS/GSD FEMALE TOILET WATER LINE
3 ISOMETRIC VIEW
 P-6 SCALE 1 : 50 M

RECORDS/GSD FEMALE TOILET SEWER LINE
4 ISOMETRIC VIEW
 P-6 SCALE 1 : 50 M

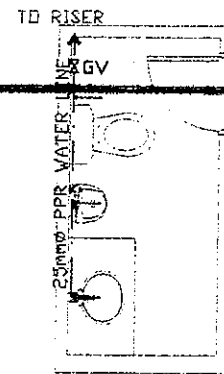
REPUBLIC OF THE PHILIPPINES DepED DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MERALCO AVENUE PASIG CITY	DRAWN BY : JUNELSON P. CULEADO CAD OPERATOR EFD-DepED	CHECKED BY : ALDRIN B. YAGO MASTER PLUMBER EFD-DepED	RECOMMENDING APPROVAL : ANNABELLE R. PANGAN CHIEF, EFD DepED	RECOMMENDING APPROVAL : ROBERT M. AGUSTIN DIRECTOR IV ADMINISTRATIVE SERVICE	APPROVED BY : NICOLAS A. MAMPIN UNDERSECRETARY FOR ADMINISTRATION DepED	PROJECT TITLE : REHABILITATION AND UPGRADING OF ALONZO BUILDING COMFORT ROOMS INCLUDING PLUMBING/ SANITARY LINES & FIXTURES COMFORT ROOMS LOCATION : MERALCO AVE., PASIG CITY	PROJECT CODE : 	OWNER : DEPARTMENT OF EDUCATION DepED SHEET CONTENTS : --RECORDS/GSD FEMALE TOILET WATER LINE LAYOUT --RECORDS/GSD FEMALE TOILET SEWER LINE LAYOUT --ISOMETRIC VIEW	SHEET NO : <div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; flex-direction: column; align-items: center; justify-content: center;"> P-6 15 </div>
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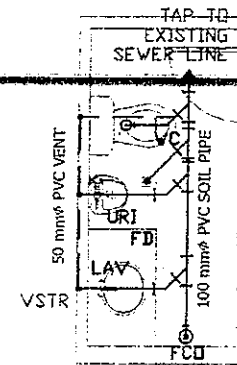
RIZAL BUILDING GF EXECUTIVE CR 1
1 WATER LINE LAYOUT
 P-10 SCALE 1 : 50 M



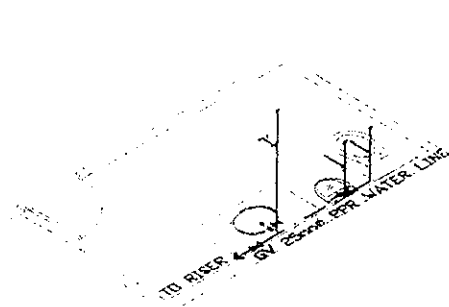
RIZAL BUILDING GF EXECUTIVE CR 1
2 SEWER LINE LAYOUT
 P-10 SCALE 1 : 50 M



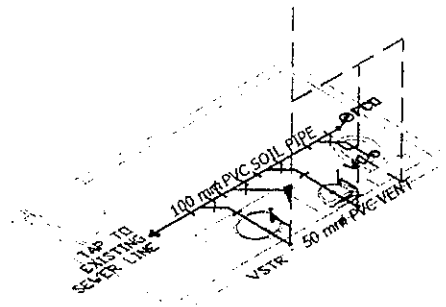
RIZAL BUILDING GF EXECUTIVE CR 2
5 WATER LINE LAYOUT
 P-10 SCALE 1 : 50 M



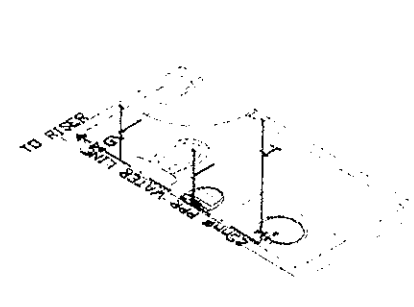
RIZAL BUILDING GF EXECUTIVE CR 2
6 SEWER LINE LAYOUT
 P-10 SCALE 1 : 50 M



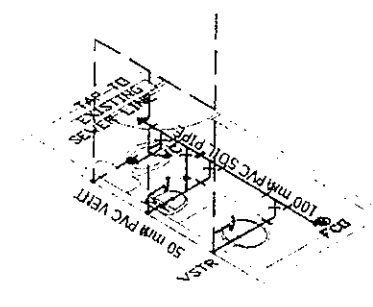
EXECUTIVE CR 1 WATER LINE
3 ISOMETRIC VIEW
 P-10 SCALE 1 : 50 M



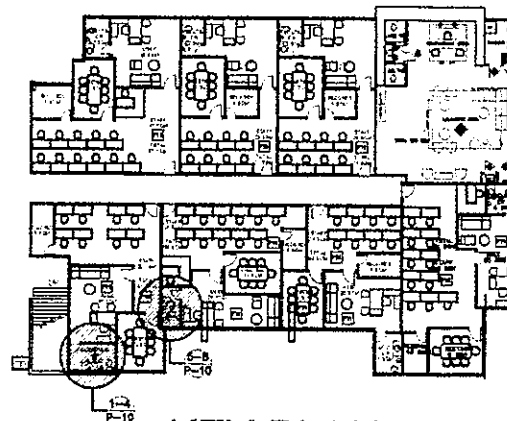
EXECUTIVE CR 1 SEWER LINE
4 ISOMETRIC VIEW
 P-10 SCALE 1 : 50 M



EXECUTIVE CR 2 WATER LINE
7 ISOMETRIC VIEW
 P-10 SCALE 1 : 50 M

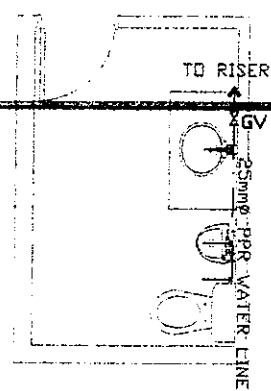


EXECUTIVE CR 2 SEWER LINE
8 ISOMETRIC VIEW
 P-10 SCALE 1 : 50 M

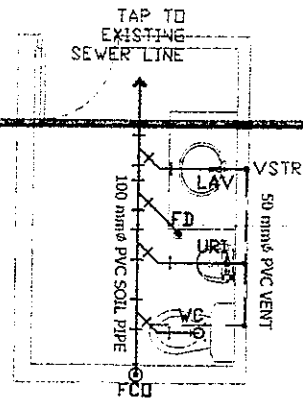


KEY PLAN

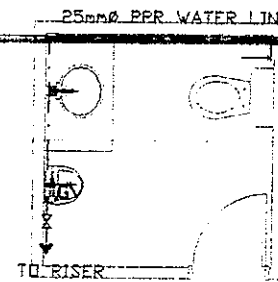
REPUBLIC OF THE PHILIPPINES DepED DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MERALCO AVENUE, PASIG CITY	DRAWN BY : CAMILLE ANN C. CRAPOSA MASTER PLUMBER EFD-DepED	CHECKED BY : ALDRIN C. TADIO MASTER PLUMBER EFD-DepED	RECOMMENDING APPROVAL : ANNABELLE R. PANGAN CHIEF, EFD DepED	RECOMMENDING APPROVAL : ROBERT M. AGUSTIN DIRECTOR IV ADMINISTRATIVE SERVICE	APPROVED BY : NOLASCO A. MAMPIN UNDERSECRETARY FOR ADMINISTRATION DepED	PROJECT TITLE : REHABILITATION AND UPGRADING OF ALONZO BUILDING COMFORT ROOMS INCLUDING PLUMBING/ SANITARY LINES & FIXTURES COMORT ROOMS	PROJECT CODE :	OWNER : DEPARTMENT OF EDUCATION DepED	SHEET NO. : P-10 15
	LOCATION : MERALCO AVE., PASIG CITY						SHEET CONTENTS : -RIZAL BUILDING TOILETS WATER LINE LAYOUT -RIZAL BUILDING TOILETS SEWER LINE LAYOUT -ISOMETRIC VIEW		



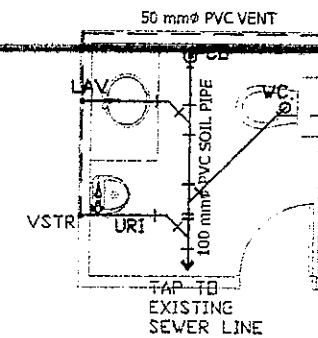
RIZAL BUILDING GF EXECUTIVE CR 3
1. WATER LINE LAYOUT
P-11 SCALE 1 : 50 M



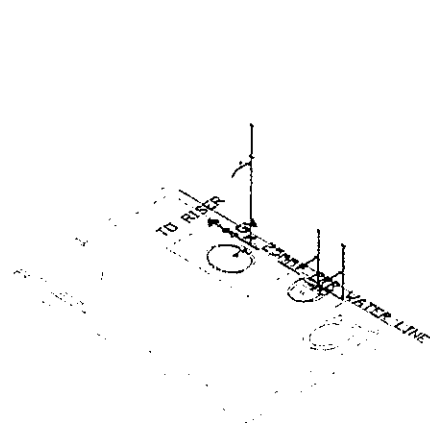
RIZAL BUILDING GF EXECUTIVE CR 3
2. SEWER LINE LAYOUT
P-11 SCALE 1 : 50 M



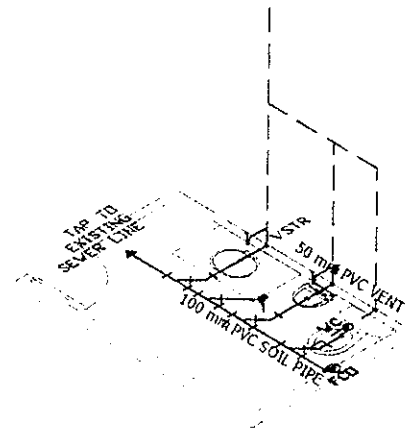
RIZAL BUILDING GF EXECUTIVE CR 2
5. WATER LINE LAYOUT
P-11 SCALE 1 : 50 M



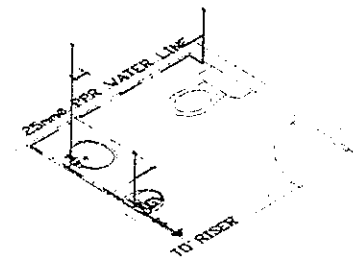
RIZAL BUILDING GF EXECUTIVE CR 2
6. SEWER LINE LAYOUT
P-11 SCALE 1 : 50 M



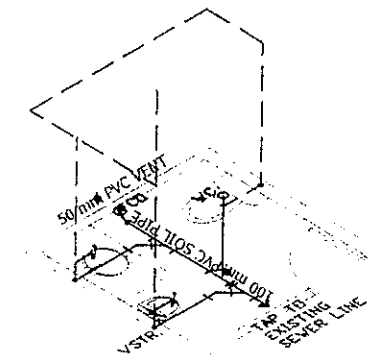
EXECUTIVE CR 3 WATER LINE
3. ISOMETRIC VIEW
P-11 SCALE 1 : 50 M



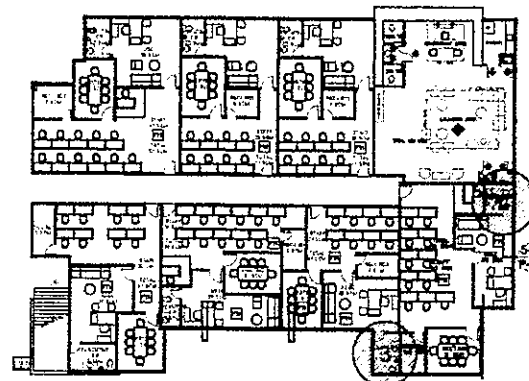
EXECUTIVE CR 3 SEWER LINE
4. ISOMETRIC VIEW
P-11 SCALE 1 : 50 M



EXECUTIVE CR 4 WATER LINE
7. ISOMETRIC VIEW
P-11 SCALE 1 : 50 M

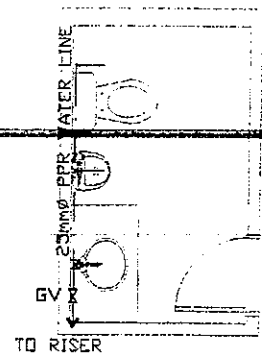


EXECUTIVE CR 3 SEWER LINE
8. ISOMETRIC VIEW
P-11 SCALE 1 : 50 M

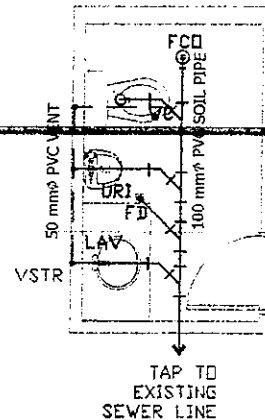


KEY PLAN

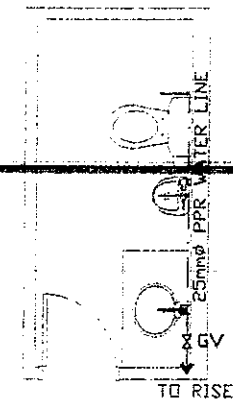
REPUBLIC OF THE PHILIPPINES DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MERALCO AVENUE, PASIG CITY	DRAWN BY : CAMILLE ANN C. RAPOSA MASTER PLUMBER ETD-DepED	CHECKED BY : ALDRIN C. TACAO MASTER PLUMBER ETD-DepED	RECOMMENDING APPROVAL : ANNABELLE A. PANGAN CHIEF, ETD DepED	RECOMMENDING APPROVAL : ROBERT M. AGUSTIN DIRECTOR IN ADMINISTRATIVE SERVICE	APPROVED BY : NICOLAS A. MAMPIN UNDERSECRETARY FOR ADMINISTRATION DepED	PROJECT TITLE : REHABILITATION AND UPGRADING OF ALONZO BUILDING COMFORT ROOMS INCLUDING PLUMBING/ SANITARY LINES & FIXTURES COMFORT ROOMS	PROJECT CODE :	OWNER : DEPARTMENT OF EDUCATION DepED	SHEET NO. : P-11 15
	LOCATION : MERALCO AVE., PASIG CITY						SHEET CONTENTS : -RIZAL BUILDING TOILETS WATER LINE LAYOUT -RIZAL BUILDING TOILETS SEWER LINE LAYOUT -ISOMETRIC VIEW		



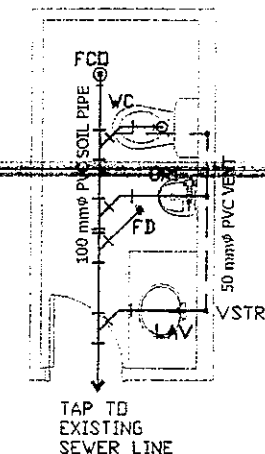
1 RIZAL BUILDING GF EXECUTIVE CR 5-7
TYPICAL WATER LINE LAYOUT
P-12 SCALE 1 : 50 M



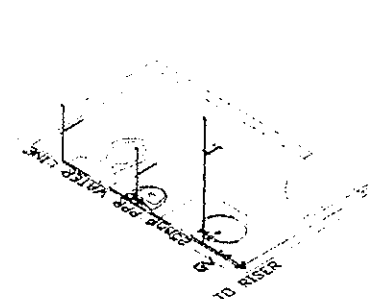
2 RIZAL BUILDING GF EXECUTIVE CR 5-7
TYPICAL SEWER LINE LAYOUT
P-12 SCALE 1 : 50 M



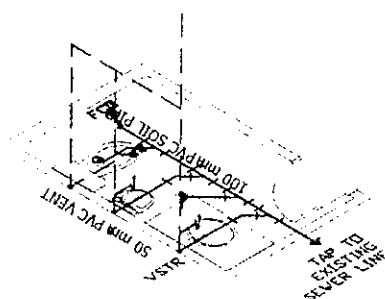
5 RIZAL BUILDING 2F EXECUTIVE CR 8
WATER LINE LAYOUT
P-12 SCALE 1 : 50 M



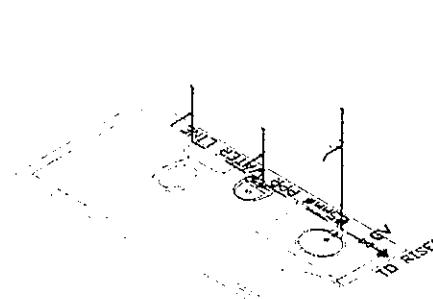
6 RIZAL BUILDING 2F EXECUTIVE CR 8
SEWER LINE LAYOUT
P-12 SCALE 1 : 50 M



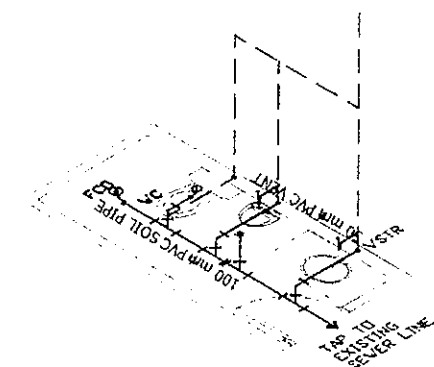
3 EXECUTIVE CR 5-7 WATER LINE
TYPICAL ISOMETRIC VIEW
P-12 SCALE 1 : 50 M



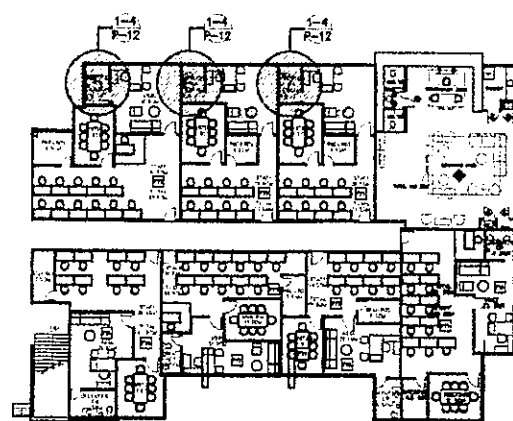
4 EXECUTIVE CR 5-7 SEWER LINE
TYPICAL ISOMETRIC VIEW
P-12 SCALE 1 : 50 M



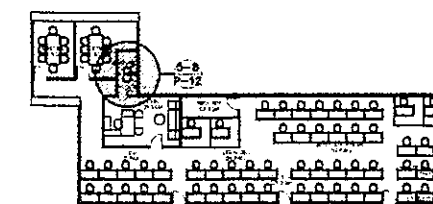
7 EXECUTIVE CR 8 WATER LINE
ISOMETRIC VIEW
P-12 SCALE 1 : 50 M



8 EXECUTIVE CR 8 SEWER LINE
ISOMETRIC VIEW
P-12 SCALE 1 : 50 M

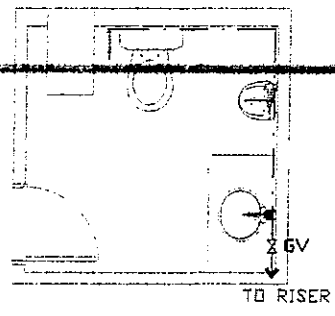


KEY PLAN

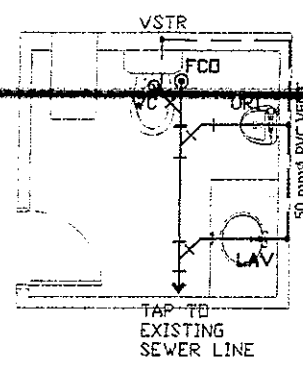


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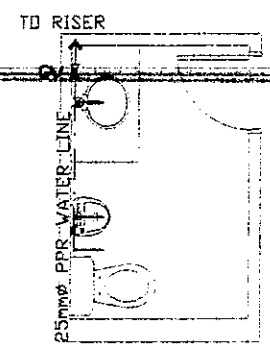
REPUBLIC OF THE PHILIPPINES DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MERALCO AVENUE, PASIG CITY	DRAWN BY : CAMILLE ANN O. ROSOSA MASTER PLUMBER EFD-DepED	CHECKED BY : ALDRIN C. TAGAO MASTER PLUMBER EFD-DepED	RECOMMENDING APPROVAL : ANNABELLE R. PANGAN CHIEF, EFD DepED	RECOMMENDING APPROVAL : ROBERT M. AGUSTIN DIRECTOR IV ADMINISTRATIVE SERVICE	APPROVED BY : NOLASCO A. MEMPIN UNDERSECRETARY FOR ADMINISTRATION DepED	PROJECT TITLE : REHABILITATION AND UPGRADING OF ALONZO BUILDING COMFORT ROOMS INCLUDING PLUMBING/ SANITARY LINES & FIXTURES COMFORT ROOMS	PROJECT CODE :	OWNER : DEPARTMENT OF EDUCATION DepED	SHEET NO. : P-12 15
	LOCATION : MERALCO AVE., PASIG CITY						SHEET CONTENTS : -RIZAL BUILDING TOILETS WATER LINE LAYOUT -RIZAL BUILDING TOILETS SEWER LINE LAYOUT -ISOMETRIC VIEW		



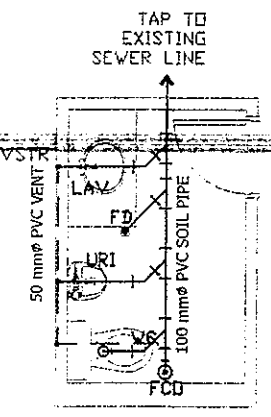
ALONZO BUILDING 2F EXECUTIVE CR 9
1 WATER LINE LAYOUT
 P-13 SCALE 1 : 50 M



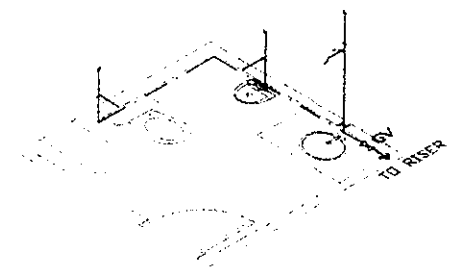
ALONZO BUILDING 2F EXECUTIVE CR 9
2 SEWER LINE LAYOUT
 P-13 SCALE 1 : 50 M



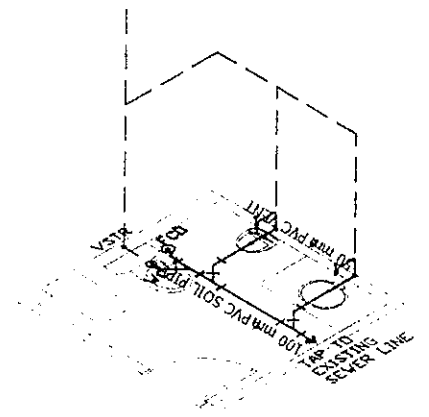
ALONZO BUILDING 2F EXECUTIVE CR 10-11
5 TYPICAL WATER LINE LAYOUT
 P-13 SCALE 1 : 50 M



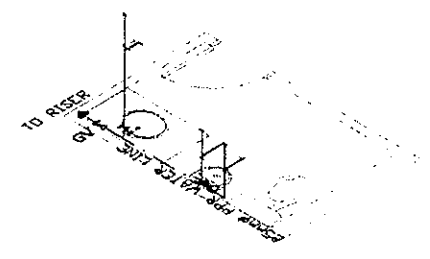
ALONZO BUILDING 2F EXECUTIVE CR 10-11
6 TYPICAL SEWER LINE LAYOUT
 P-13 SCALE 1 : 50 M



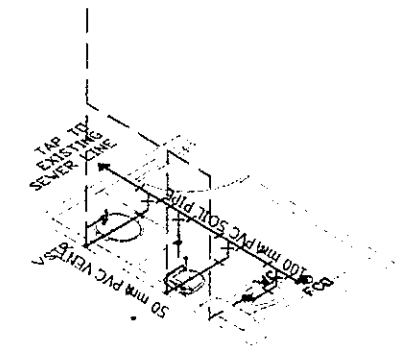
ALONZO BUILDING 2F EXECUTIVE CR 9
3 ISOMETRIC VIEW
 P-13 SCALE 1 : 50 M



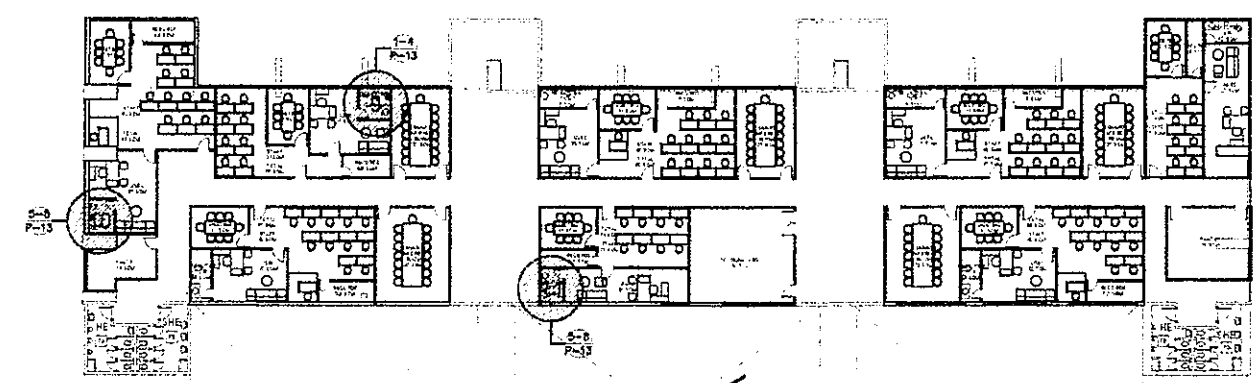
ALONZO BUILDING 2F EXECUTIVE CR 9
4 ISOMETRIC VIEW
 P-13 SCALE 1 : 50 M



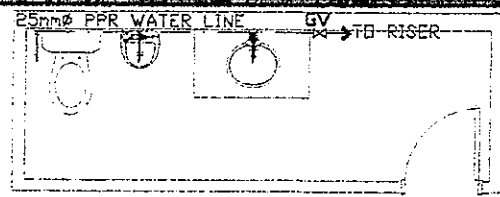
ALONZO BUILDING 2F EXECUTIVE CR 10-11
7 TYPICAL ISOMETRIC VIEW
 P-13 SCALE 1 : 50 M



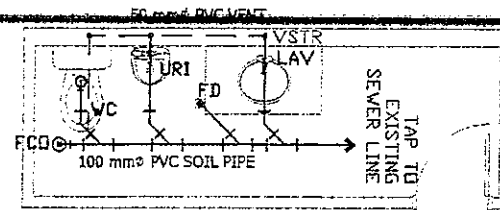
ALONZO BUILDING 2F EXECUTIVE CR 10-11
8 TYPICAL ISOMETRIC VIEW
 P-13 SCALE 1 : 50 M



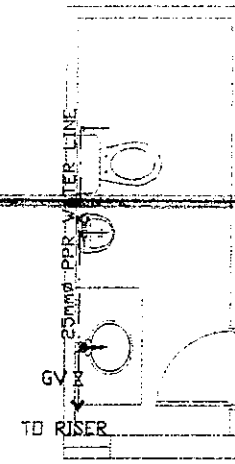
REPUBLIC OF THE PHILIPPINES DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MERALCO AVENUE, PASIG CITY	DRAWN BY : CAMILLE ANN C. RAPOSA MASTER PLUMBER ETD-DepED	CHECKED BY : ALDRIN C. TAGAO MASTER PLUMBER ETD-DepED	RECOMMENDING APPROVAL : ANNABELLE R. PANGAN CHIEF, ETD DepED	RECOMMENDING APPROVAL : ROBERT M. AGUSTIN DIRECTOR IN ADMINISTRATIVE SERVICE	APPROVED BY : NOLASCO A. MEDRIN UNDERSECRETARY FOR ADMINISTRATION DepED	PROJECT TITLE : REHABILITATION AND UPGRADING OF ALONZO BUILDING COMFORT ROOMS INCLUDING PLUMBING/ SANITARY LINES & FIXTURES COMFORT ROOMS	PROJECT CODE :	DIVISION : DEPARTMENT OF EDUCATION DepED	SHEET NO. : P-13 15
	LOCATION : MERALCO AVE., PASIG CITY						SHEET CONTENTS : -RIZAL BUILDING TOILETS WATER LINE LAYOUT -RIZAL BUILDING TOILETS SEWER LINE LAYOUT -ISOMETRIC VIEW		



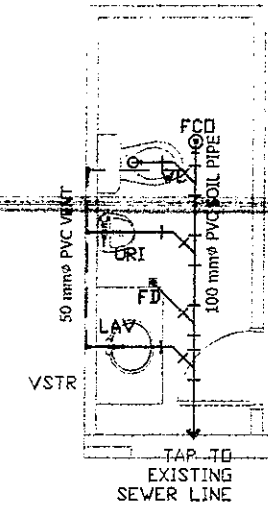
ALONZO BUILDING 2F EXECUTIVE CR 12-13
1 TYPICAL WATER LINE LAYOUT
 P-14 SCALE 1 : 50 M



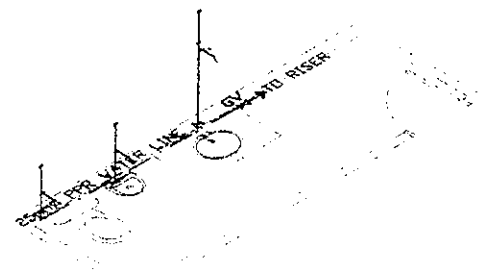
ALONZO BUILDING 2F EXECUTIVE CR 12-13
2 TYPICAL SEWER LINE LAYOUT
 P-14 SCALE 1 : 50 M



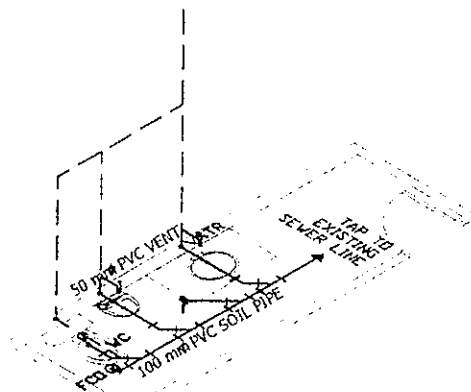
ALONZO BUILDING 2F EXECUTIVE CR 14-16
5 TYPICAL WATER LINE LAYOUT
 P-14 SCALE 1 : 50 M



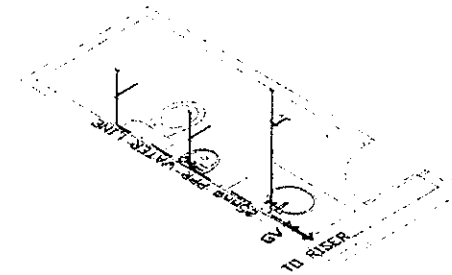
ALONZO BUILDING 2F EXECUTIVE CR 14-16
6 TYPICAL SEWER LINE LAYOUT
 P-14 SCALE 1 : 50 M



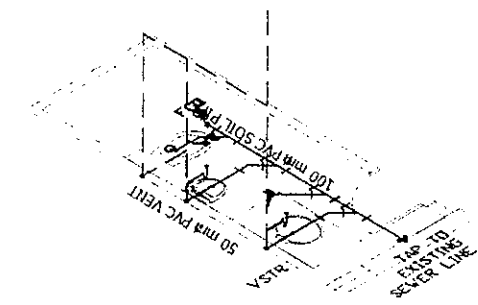
EXECUTIVE CR 12-13 WATER LINE
3 TYPICAL ISOMETRIC VIEW
 P-14 SCALE 1 : 50 M



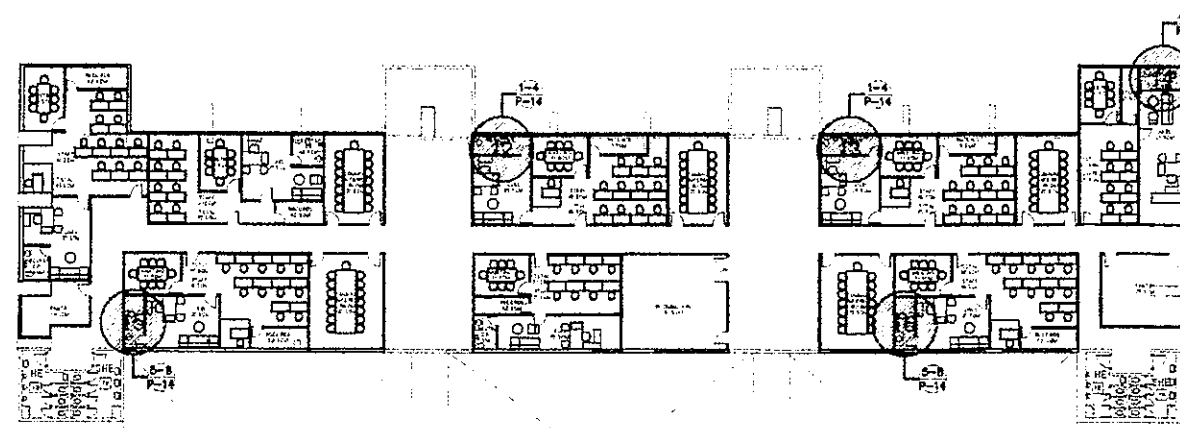
EXECUTIVE CR 12-13 SEWER LINE
4 TYPICAL ISOMETRIC VIEW
 P-14 SCALE 1 : 50 M



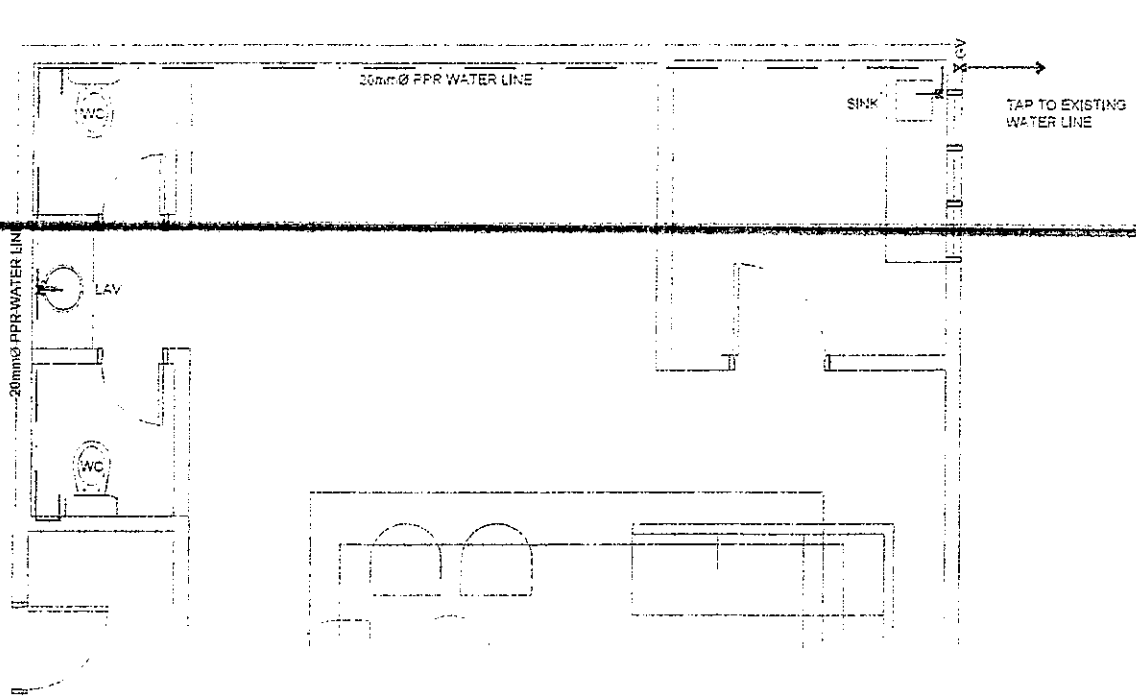
ALONZO BUILDING 2F EXECUTIVE CR 14-16
7 TYPICAL ISOMETRIC VIEW
 P-14 SCALE 1 : 50 M



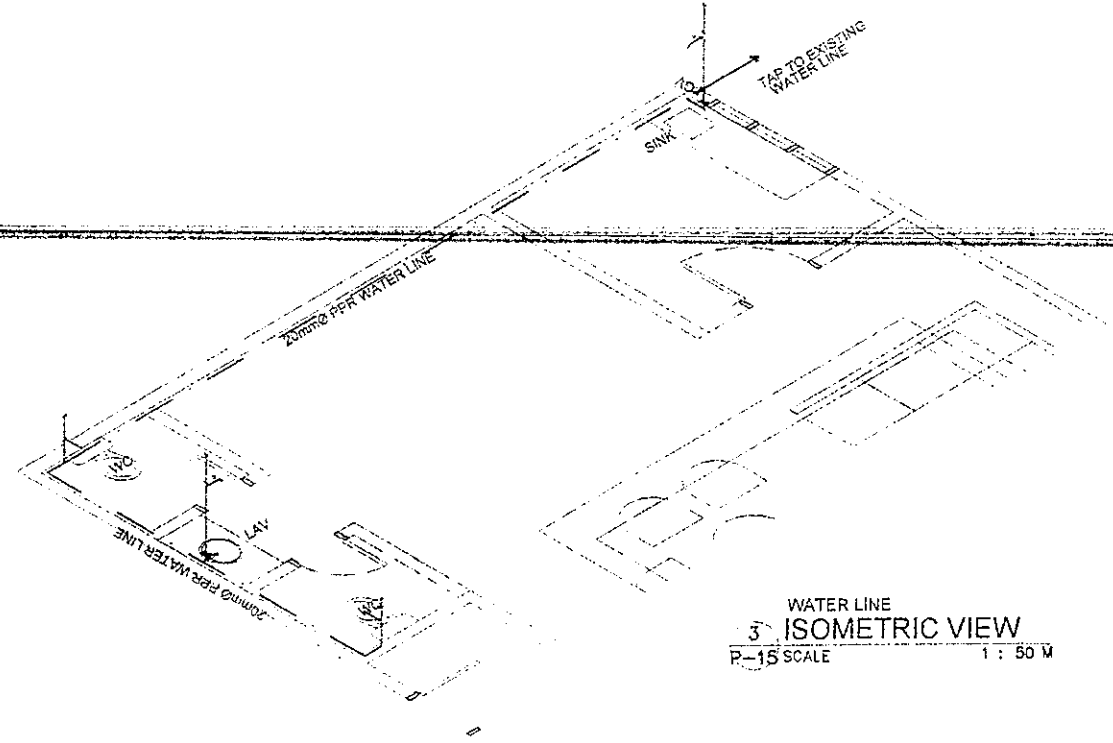
ALONZO BUILDING 2F EXECUTIVE CR 14-16
8 TYPICAL ISOMETRIC VIEW
 P-14 SCALE 1 : 50 M



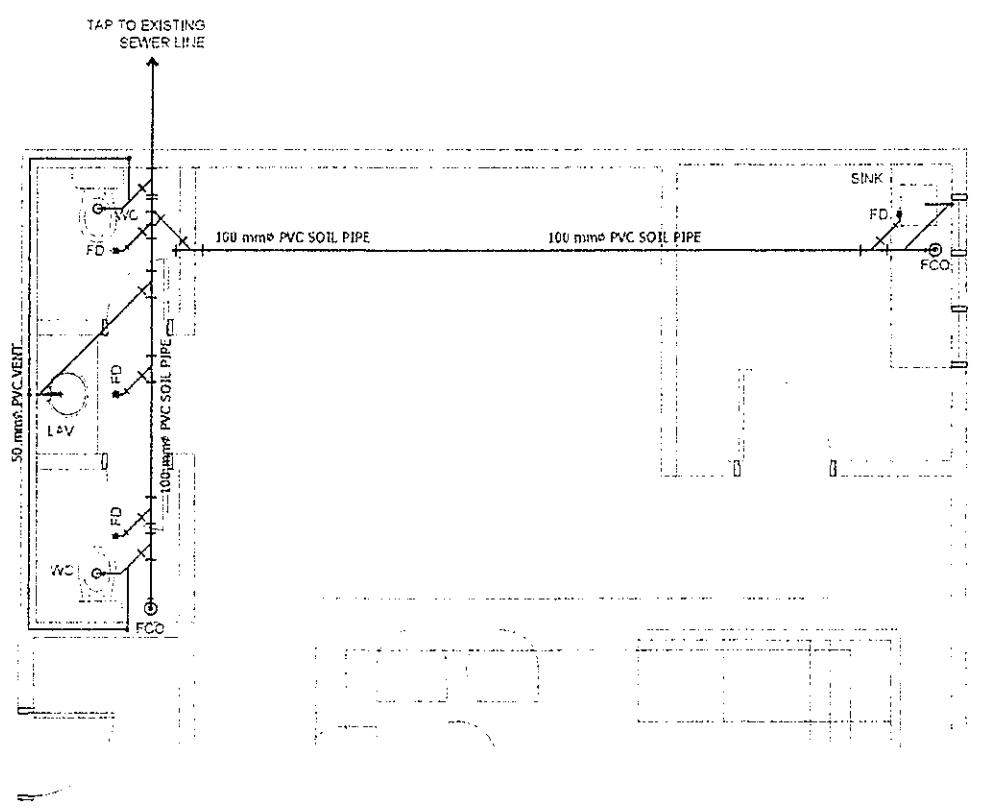
REPUBLIC OF THE PHILIPPINES DepED DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MERALCO AVENUE, PASIG CITY	DRAWN BY : CAMILLE ANN C. RAPOSA MASTER PLUMBER EFD-DepED	CHECKED BY : ALDRIN C. TACIO MASTER PLUMBER EFD-DepED	RECOMMENDING APPROVAL : ANNABELLE R. PANGAN CHIEF, EFD DepED	RECOMMENDING APPROVAL : ROBERT M. AGUSTIN DIRECTOR IV ADMINISTRATIVE SERVICE	APPROVED BY : NOLASCO A. MEMPIN UNDERSECRETARY FOR ADMINISTRATION DepED	PROJECT TITLE : REHABILITATION AND UPGRADING OF ALONZO BUILDING COMFORT ROOMS INCLUDING PLUMBING/ SANITARY LINES & FIXTURES COMORT ROOMS LOCATION : MERALCO AVE., PASIG CITY	PROJECT CODE : OWNER : DEPARTMENT OF EDUCATION DepED	SHEET NO. : P-14 15
	SHEET CONTENTS : -RIZAL BUILDING TOILETS WATER LINE LAYOUT -RIZAL BUILDING TOILETS SEWER LINE LAYOUT -ISOMETRIC VIEW							



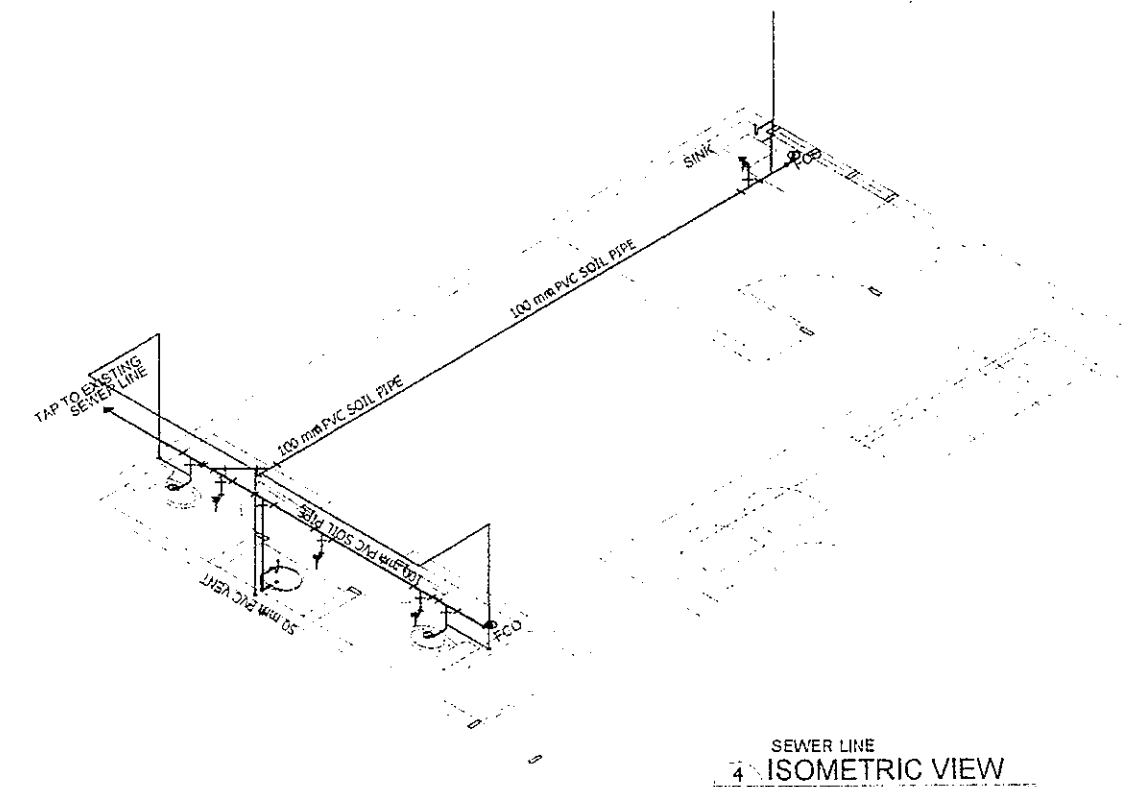
1 WATER LINE LAYOUT
P-15 SCALE 1 : 50 M



3 WATER LINE ISOMETRIC VIEW
P-15 SCALE 1 : 50 M

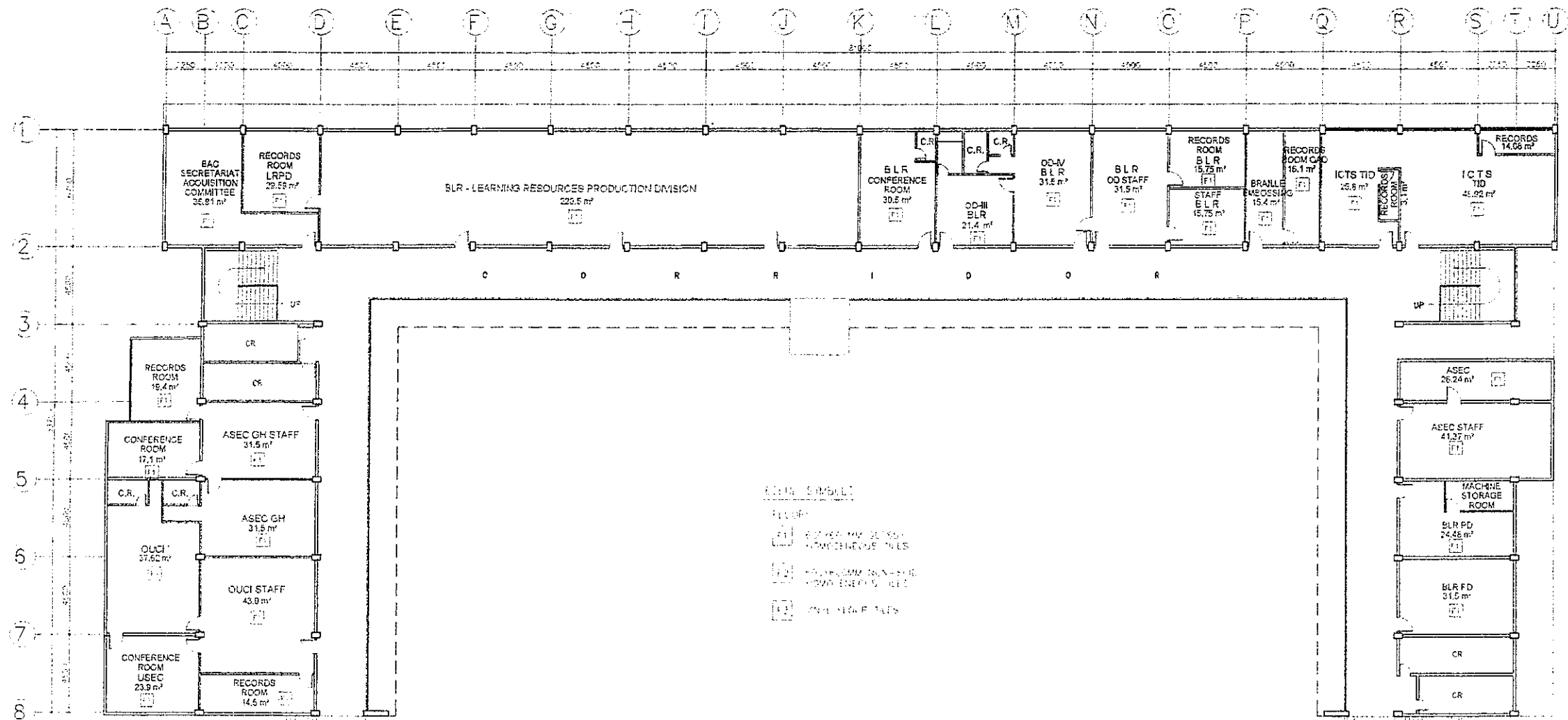


2 SEWER LINE LAYOUT
P-15 SCALE 1 : 50 M

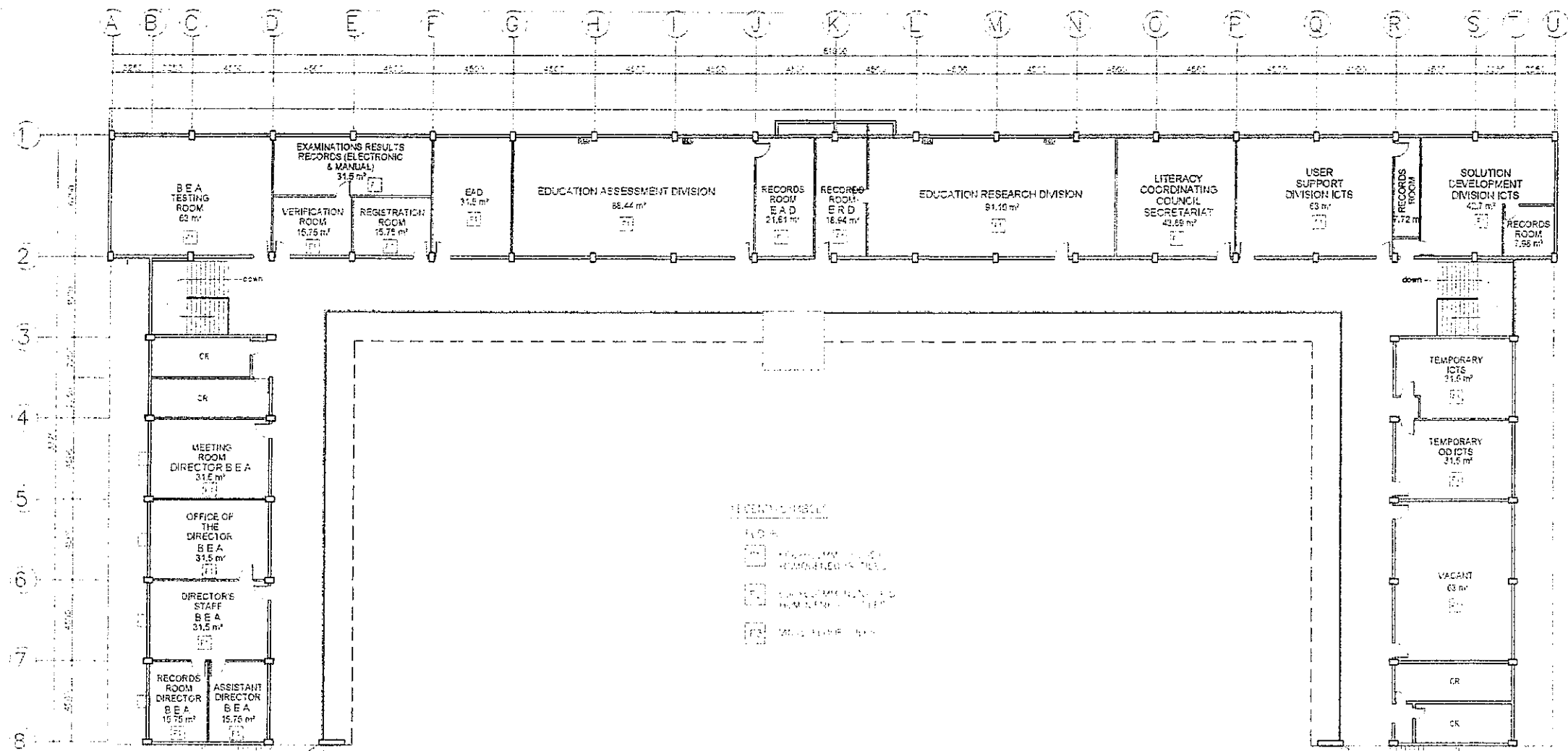


4 SEWER LINE ISOMETRIC VIEW
P-15 SCALE 1 : 50 M

<p>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MERALCO AVENUE, PASIG CITY</p>	DRAWN BY : JUNELSON P. CULLADO CAD OPERATOR EFD-DepED	CHECKED BY : ALDRIN S. TACAO MASTER PLUMBER EFD-DepED	RECOMMENDING APPROVAL : ANNABELLE R. PANGAN CHIEF, EFD DepED	RECOMMENDING APPROVAL : ROBERT M. AGUSTIN DIRECTOR IV ADMINISTRATIVE SERVICE	APPROVED BY : BLASICO A. JEMPIN UNDERSECRETARY FOR ADMINISTRATION DepED	PROJECT TITLE : A PROPOSED VISITORS' LOUNGE @RIZAL BUILDING	PROJECT CODE :	OWNER : DEPARTMENT OF EDUCATION DepED	SHEET NO. : P-15 15
	LOCATION : G/7 RIZAL BUILDING, DEPED COMPLEX, MERALCO AVENUE, PASIG CITY						SHEET CONTENTS : WATER LINE LAYOUT SEWER LINE LAYOUT ISOMETRIC VIEWS		

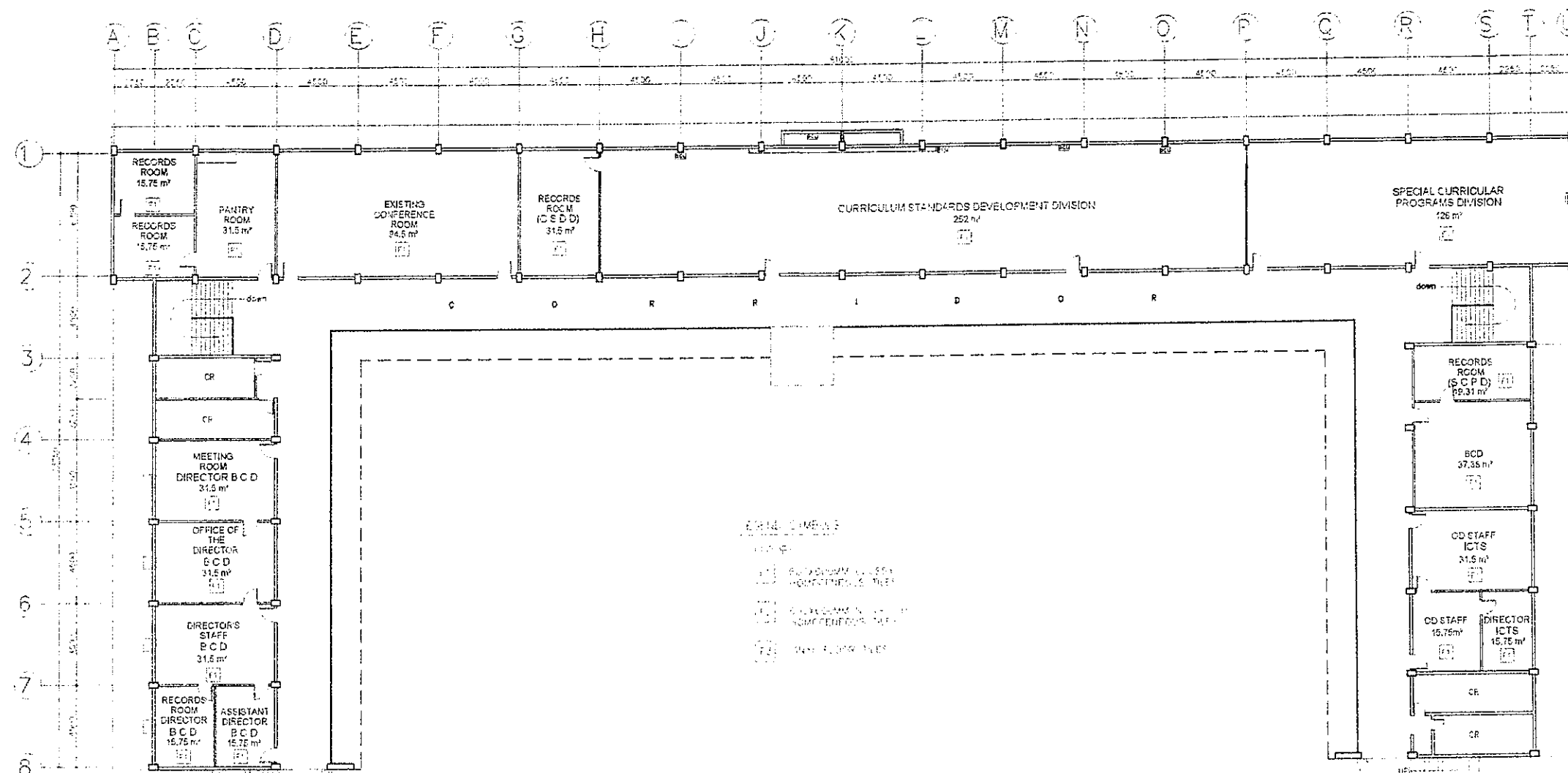


BONIFACIO BUILDING
 1 GROUND FLOOR PLAN
 A-1 SCALE 1 : 300 M

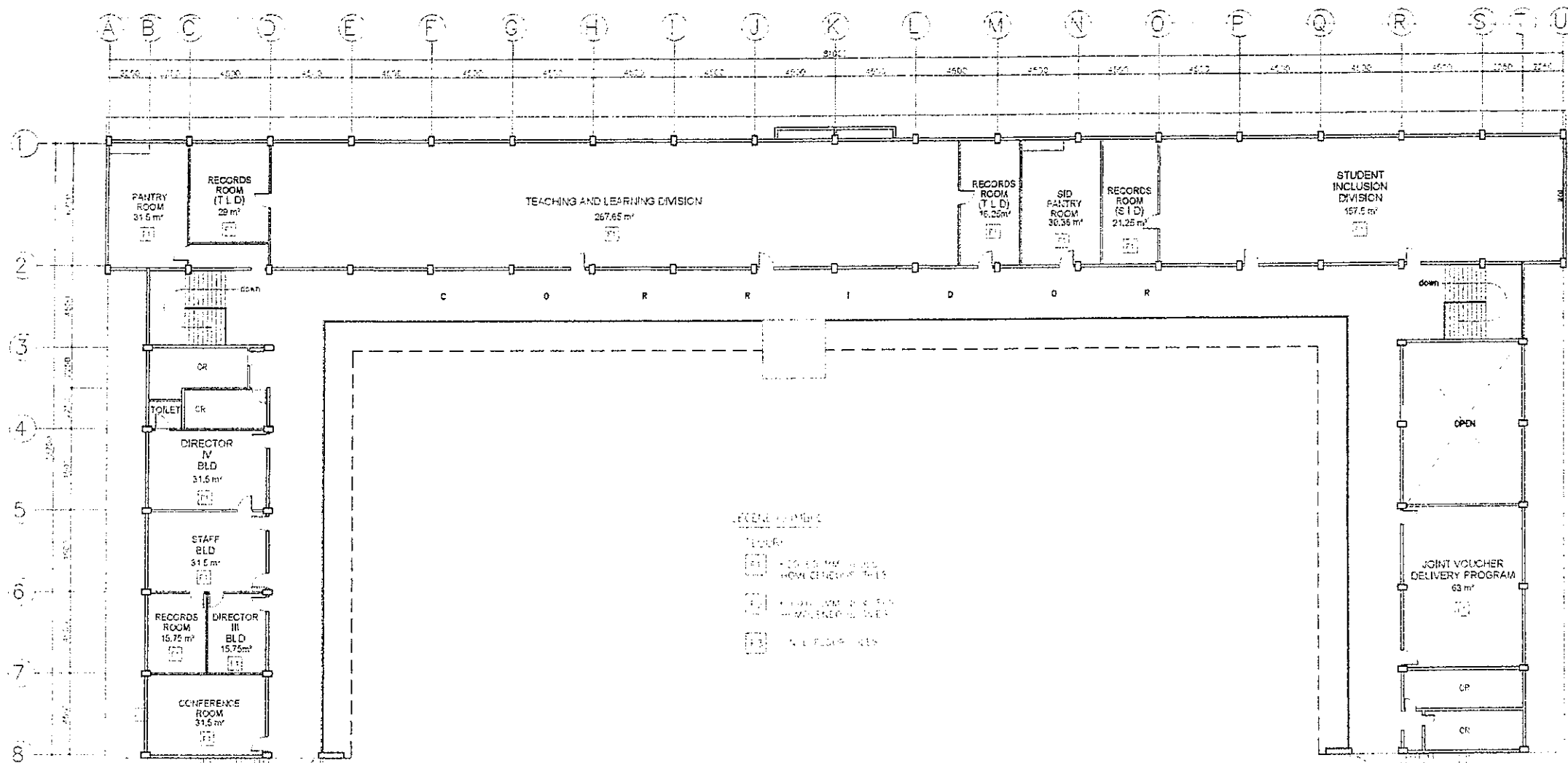


BONIFACIO BUILDING
 SECOND FLOOR PLAN
 A-2 SCALE 1:300 M

 DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MERALCO AVENUE PASIG CITY	DRAWN BY CAMILLE ANN C. RAOSA ARCHITECT EPD-DepED	CHECKED BY JET RAYMOND S. ALABASO POO - ARCHITECT EPD-DepED	REVISIONS APPROVAL ANNABELLE R. PAGAN ASST. EPD DepED	ALTERNATIVE APPROVAL ROBERT M. AGUSTIN DIRECTOR I ADMINISTRATIVE SERVICE DepED	APPROVED BY NOLASCO A. MAMPIN UNDERSECRETARY FOR ADMINISTRATION DepED	PROJECT TITLE REPAIR/REHABILITATION OF VARIOUS DEPED CENTRAL OFFICE BUILDINGS -BONIFACIO BUILDING	PROJECT NO. / AREA DEPARTMENT OF EDUCATION DepED SECOND FLOOR PLAN	SHEET NO. A-2 24
	REPAIR/REHABILITATION OF VARIOUS DEPED CENTRAL OFFICE BUILDINGS -BONIFACIO BUILDING							

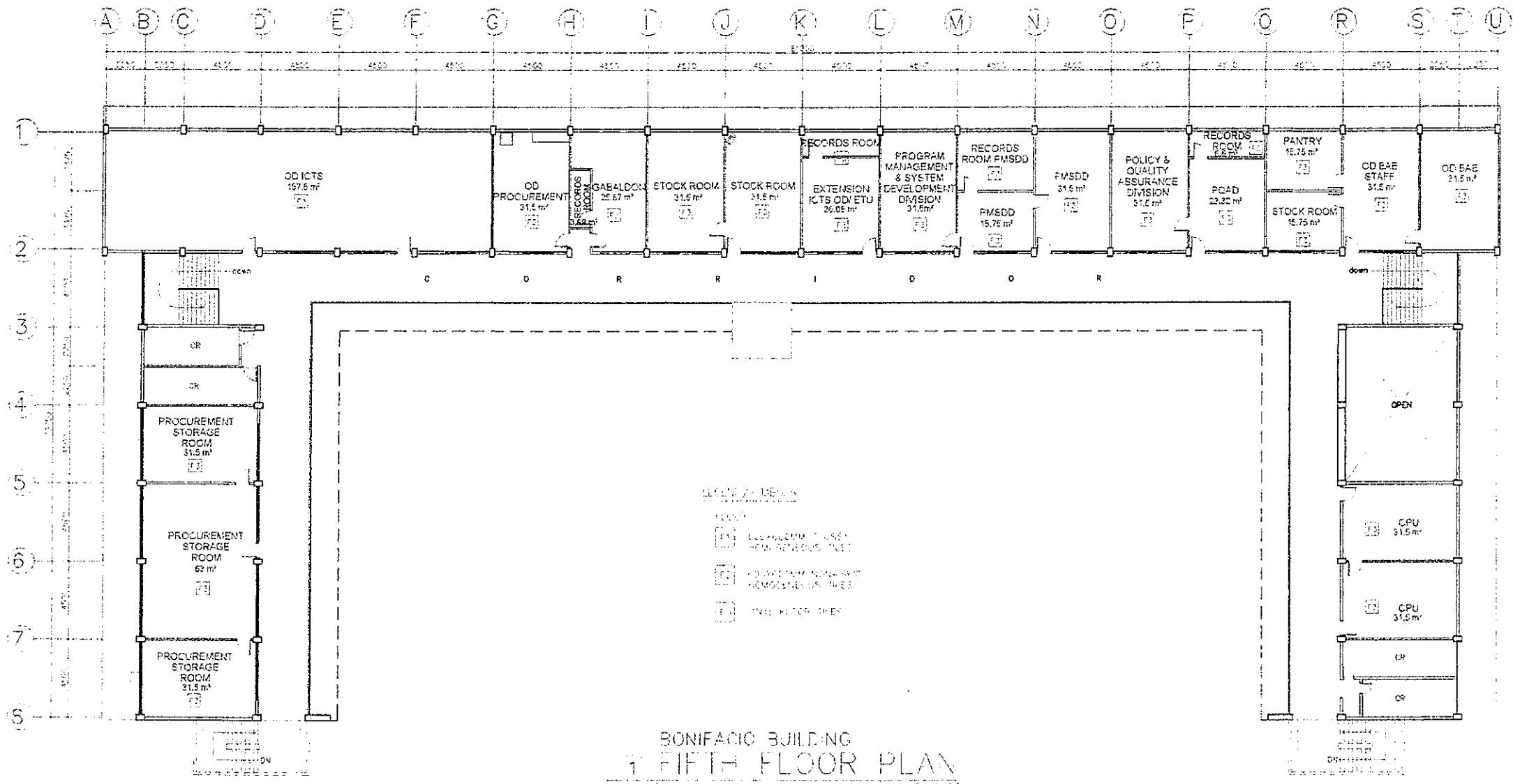


BONIFACIO BUILDING
 3RD FLOOR PLAN
 A-3 1 : 300 M

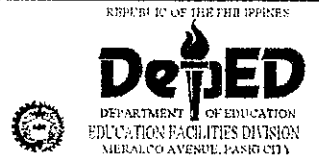


BONIFACIO BUILDING
 4 FOURTH FLOOR PLAN
 A-4 SHEET 1 : 300 M

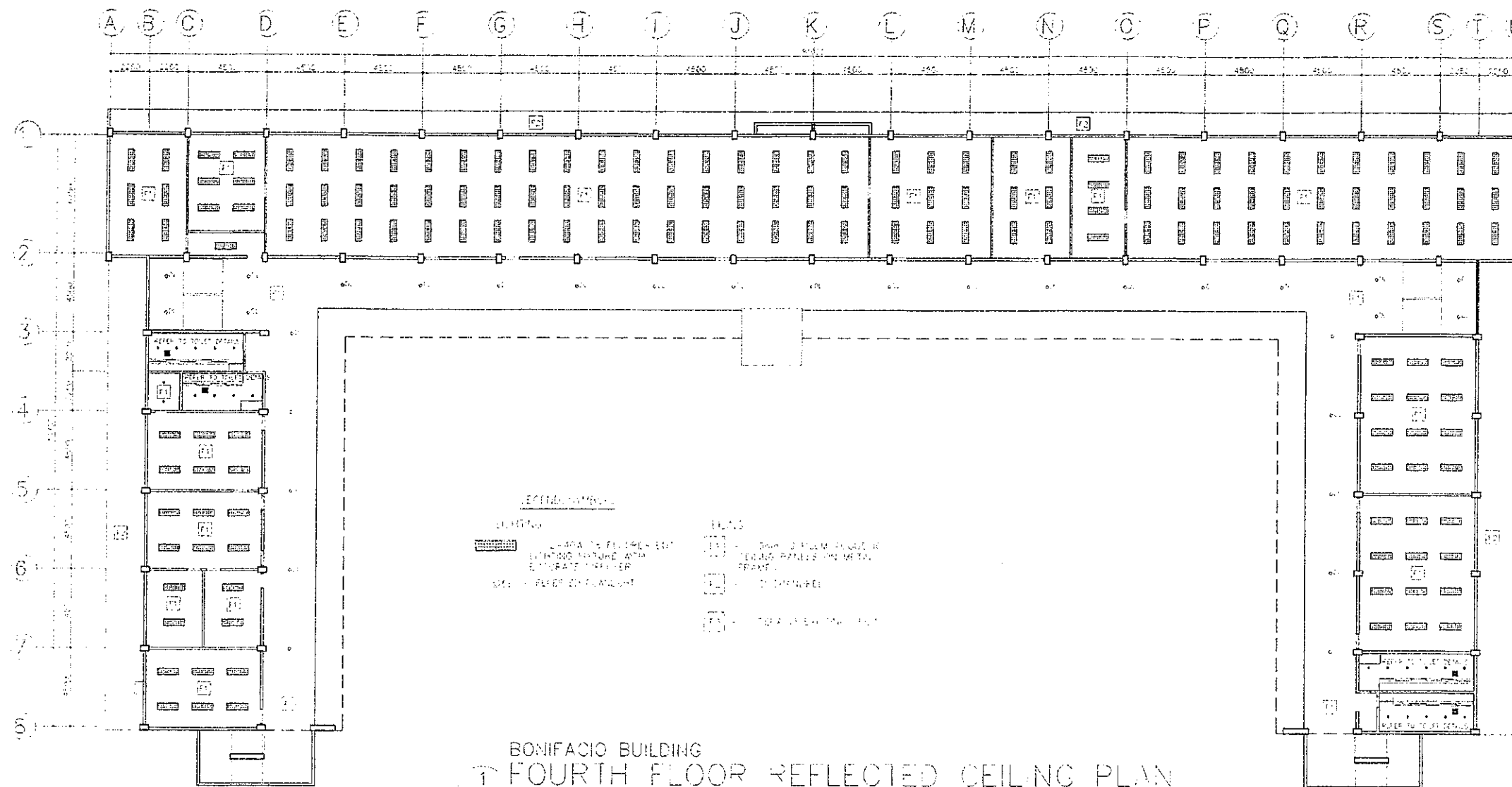
 DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MERRALCO AVENUE PASIG CITY	DESIGNER CAMILLE ANN O. RAPOSA ARCHITECT DepED	CHECKED BY JET RAYMOND G. ALABASO PWD ARCHITECT DepED	REVISIONS APPROVAL ANNABELLE R. PANGAN DIRECTOR, ITP DepED	DESIGNER APPROVAL ROBERT M. AGUSTIN DIRECTOR OF ADMINISTRATIVE SERVICE DepED	APPROVED BY NICOLAS A. MAMPIN UNDERSECRETARY FOR ADMINISTRATION DepED	PROJECT TITLE REPAIR/REHABILITATION OF VARIOUS DEPED CENTRAL OFFICE BUILDINGS -BONIFACIO BUILDING	SHEET NO. DEPARTMENT OF EDUCATION DepED SHEET CONTENT FOURTH FLOOR PLAN	SHEET NO. A-4 24
	DEPARTMENT OF EDUCATION DepED SHEET NO. A-4 24							



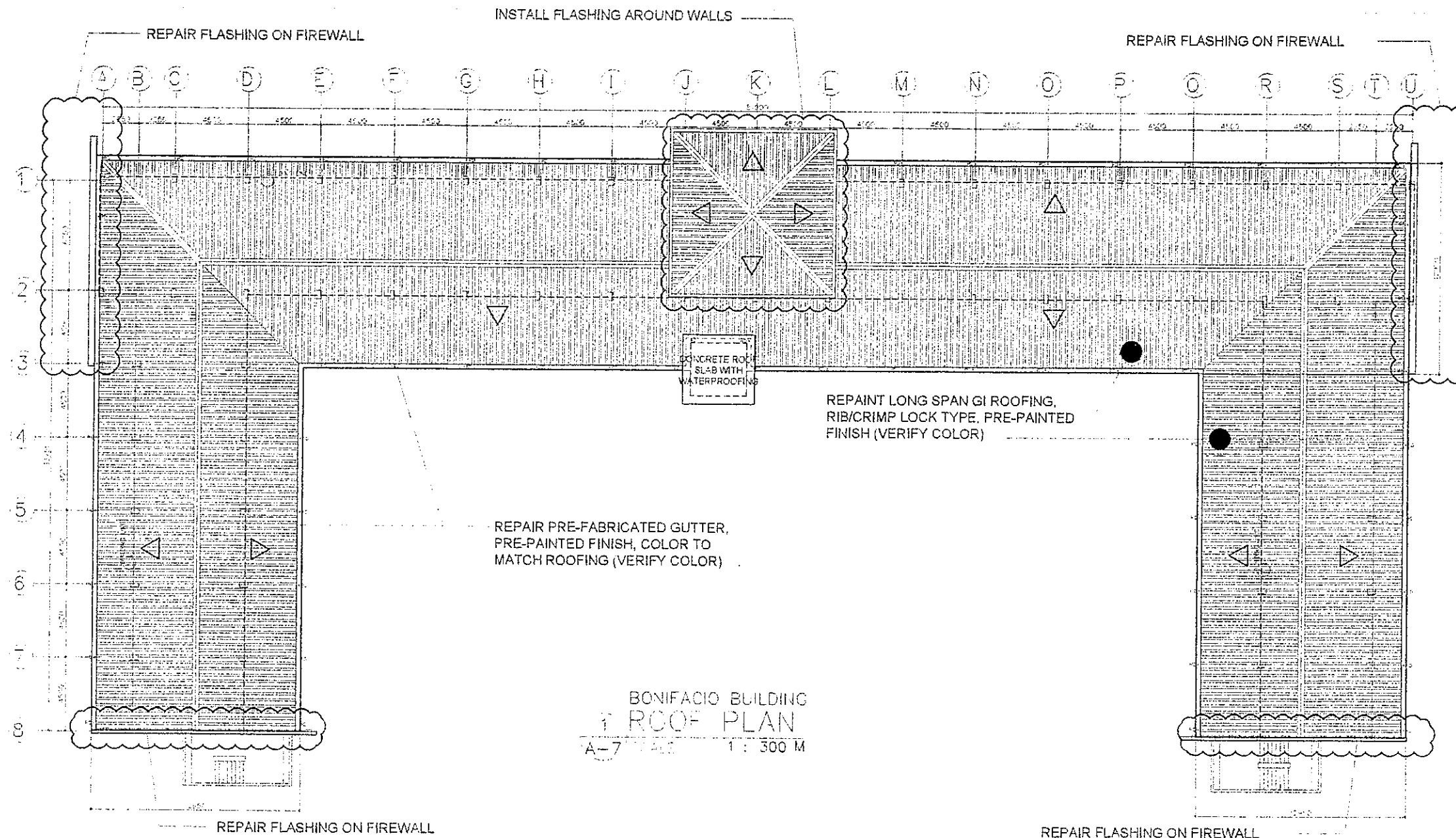
BONIFACIO BUILDING
 FIFTH FLOOR PLAN
 A-5 SCALE 1 : 300 M



DESIGNED BY <i>Camille Ann Co. Raposa</i> CAMILLE ANN CO. RAPOSA ARCHITECT LUP-DepED	DESIGNED BY <i>Jet Raymond G. Alabass</i> JET RAYMOND G. ALABASS PROJ. ARCHITECT LUP-DepED	DESIGNED BY <i>Annabelle R. Pangan</i> ANNABELLE R. PANGAN CRIT. ETB DepED	DESIGNED BY <i>Robert M. Austin</i> ROBERT M. AUSTIN DIRECTOR ADMINISTRATIVE SERVICE	DESIGNED BY <i>Nolasco A. Manpin</i> NOLASCO A. MANPIN SECRETARY FOR ADMINISTRATION DepED	PROJECT TITLE REPAIR/REHABILITATION OF VARIOUS DEPED CENTRAL OFFICE BUILDINGS -BONIFACIO BUILDING	PROJECT NO. 14-0013	DATE 14-04-20	DEPARTMENT OF EDUCATION DepED	PROJECT NO. A-5 24
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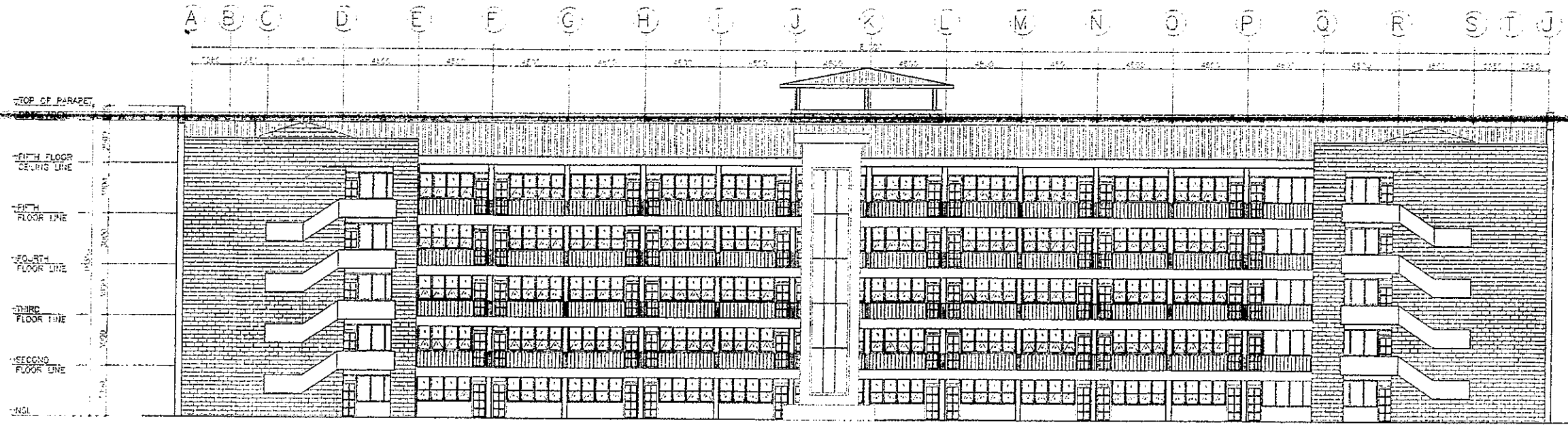


REPUBLIC OF THE PHILIPPINES DepED DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MERALCO AVENUE, PASIG CITY	DATE: _____	SHEET NO: _____	REVISIONS APPROVAL: _____	REVISIONS APPROVAL: _____	REVISIONS APPROVAL: _____	PROJECT TITLE:	SHEET NO:
	ARCHITECT: CAMILLE ANN C. RAPOSA LFD-DepED	PROJECT MANAGER: JET RAYMOND G. ALABASO RGD-DepED	ARCHITECT: ANNABELLE R. VANGAN AVE, LFD DepED	DIRECTOR OF ADMINISTRATIVE SERVICES: ROBERT M. AGUSTIN RMA, LFD DepED	UNDERSECRETARY FOR ADMINISTRATION: NOLASCO A. MEMPIN NMA, LFD DepED	REPAIR/REHABILITATION OF VARIOUS DEPED CENTRAL OFFICE BUILDINGS -BONIFACIO BUILDING	DEPARTMENT OF EDUCATION DepED

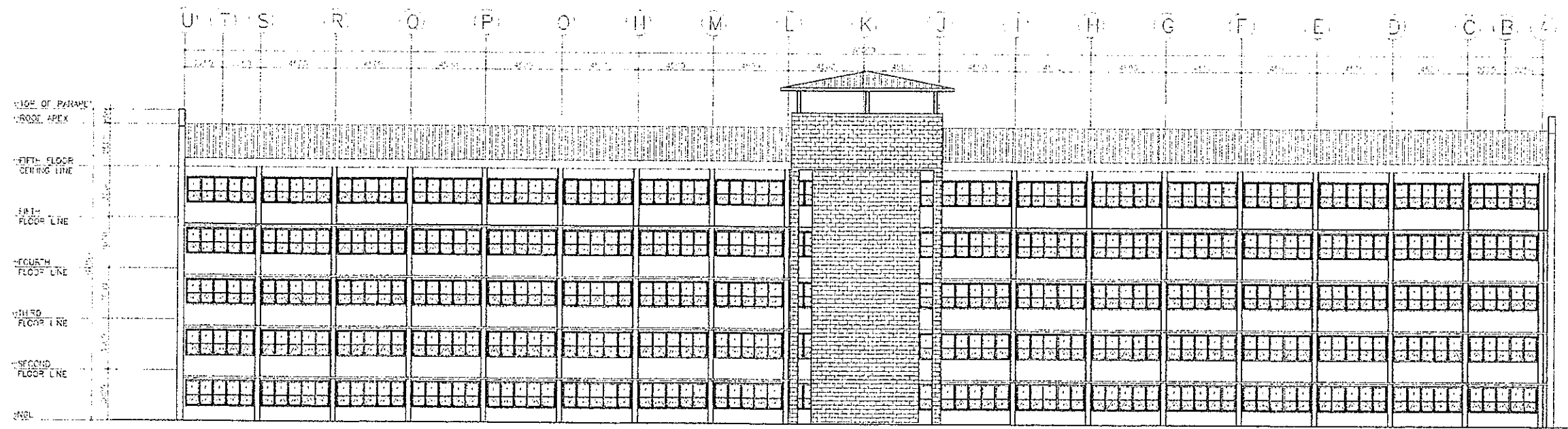


BONIFACIO BUILDING
 ROOF PLAN
 A-7 SCALE 1:300 M


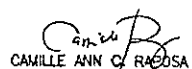


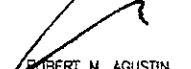

 DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MERALCO AVENUE PASIG CITY	DESIGNED BY CAMILLE ANN C. RAPOSA ARCHITECT UO-DepED	CHECKED BY JEREMYSON G. ALABASO PUPIL ARCHITECT DepED	REVISIONS APPROVAL ANNABELLE R. RANGAN CIVIL, ITE DepED	ESTIMATING APPROVAL ROBERT M. AGUSTIN ENGINEER ADMINISTRATIVE SERVICE DepED	APPROVED BY NOLASCO A. MEMPIN ENCSecretary FOR ADMINISTRATION DepED	PROJECT TITLE REPAIR/REHABILITATION OF VARIOUS DEPED CENTRAL OFFICE BUILDINGS -BONIFACIO BUILDING	DEPARTMENT OF EDUCATION DepED	SHEET NO. A-7 24
	PROJECT NO.						SHEET NO.	SHEET NO.

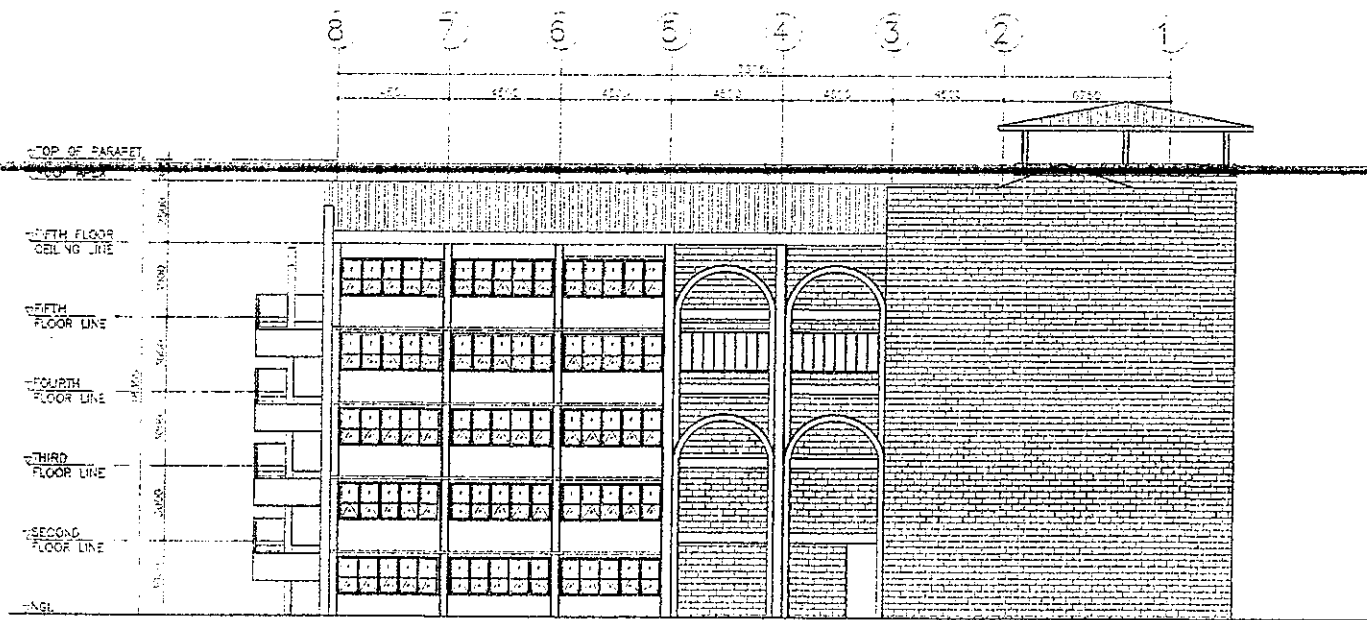


BONIFACIO BUILDING
 1 FRONT ELEVATION
 A-8 SCALE 1: 300 M

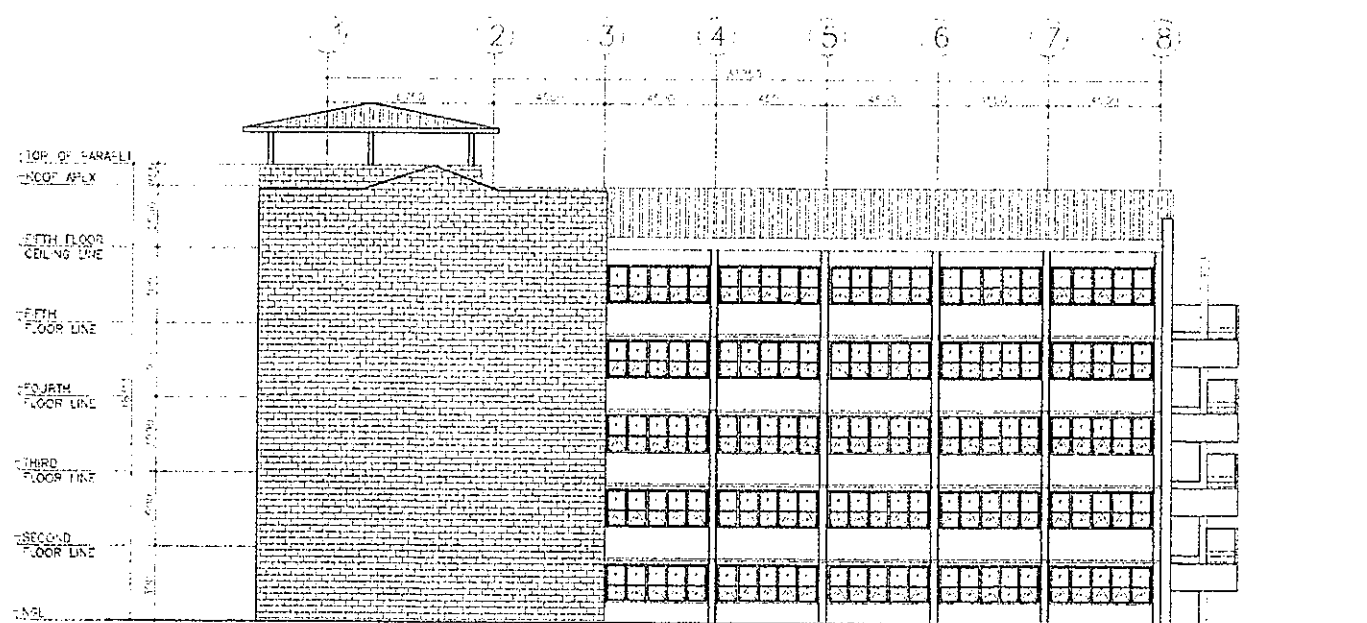


BONIFACIO BUILDING
 2 REAR ELEVATION
 A-8 SCALE 1: 300 M

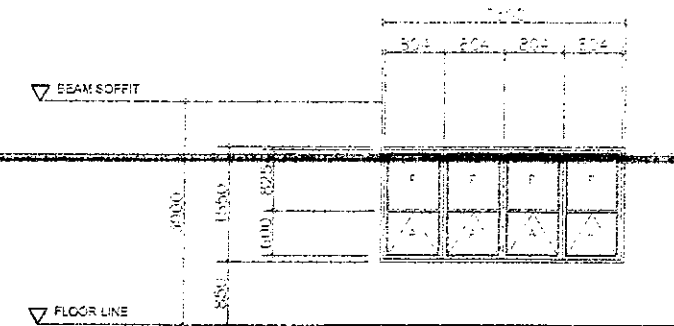
<p>REPUBLIC OF THE PHILIPPINES</p>  <p>DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MERALCO AVENUE, PASIG CITY</p>	<p>DESIGNED BY</p>  <p>CAMILLE ANN C. RACOSA ARCHITECT EFD-DepED</p>	<p>FIELD ENGINEER</p>  <p>JET RAYMOND G. ALABASO PRO. & ARCHITECT EFD-DepED</p>	<p>RECOMMENDING OFFICER</p>  <p>ANNABELLE A. PARGAN ASST. LTD. DepED</p>	<p>RECOMMENDING APPROVAL</p>  <p>ROBERT M. AGUSTIN REGION IV ADMINISTRATIVE SERVICE</p>	<p>APPROVED BY</p>  <p>NOLASCO A. MEMPIN UNDERSECRETARY FOR ADMINISTRATION DepED</p>	<p>PROJECT TITLE</p> <p>REPAIR/REHABILITATION OF VARIOUS DEPED CENTRAL OFFICE BUILDINGS -BONIFACIO BUILDING</p>	<p>PROJECT CODE</p>	<p>OWNER</p> <p>DEPARTMENT OF EDUCATION DepED</p> <p>PROJECT CONTENTS</p> <p>FRONT ELEVATION REAR ELEVATION</p>	<p>SHEET NO.</p> <p>A-8 24</p>
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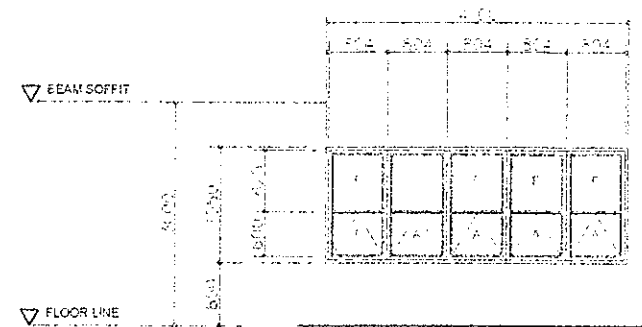
BONIFACIO BUILDING
 1 RIGHT SIDE ELEVATION
 A-9 SCALE 1 : 300 M



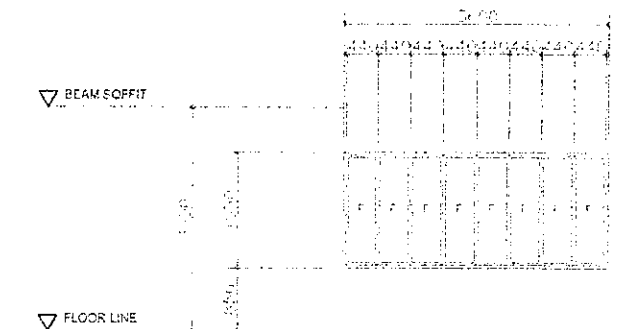
BONIFACIO BUILDING
 2 LEFT SIDE ELEVATION
 A-9 SCALE 1 : 300 M



W1
 LOCATION: FRONT ELEVATION, ALONG CORRIDOR
 DESCRIPTION: 6MM THK ONE-WAY IMPREG. WINDOW WITH RUBBER GASKET IN ANALOG FRAME FINISHED COATED FINISH



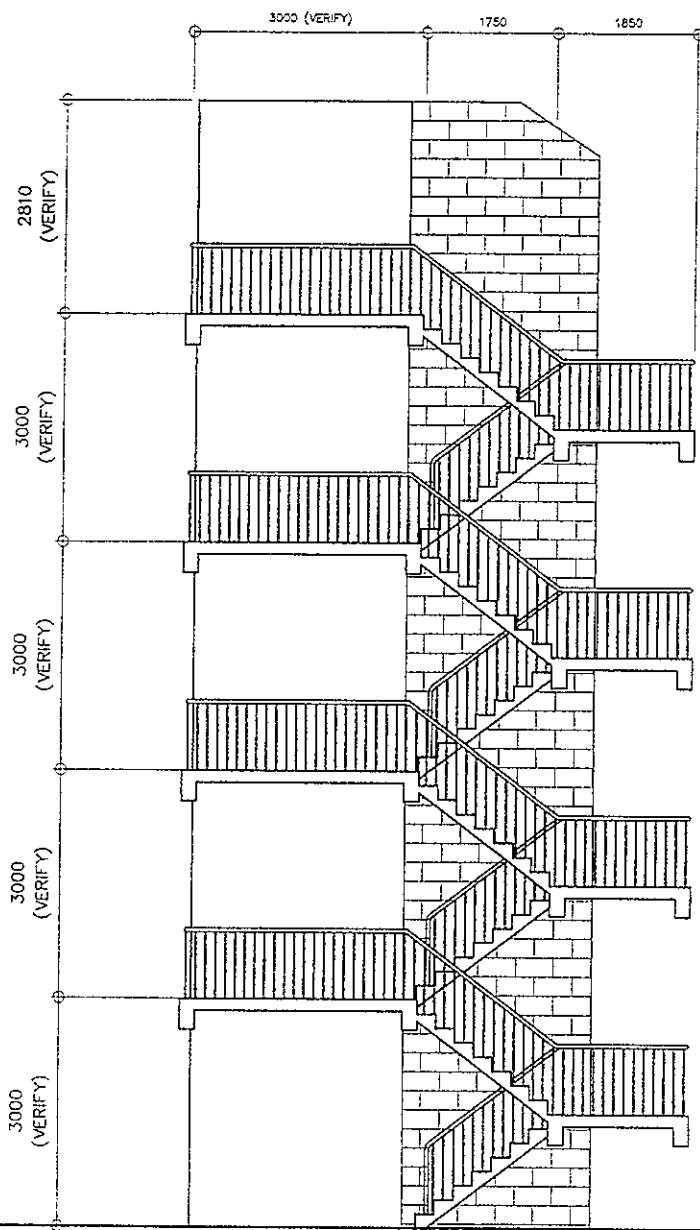
W2
 LOCATION: FRONT ELEVATION, SIDE ELEVATION
 DESCRIPTION: 6MM THK ONE-WAY IMPREG. WINDOW WITH RUBBER GASKET IN ANALOG FRAME FINISHED COATED FINISH



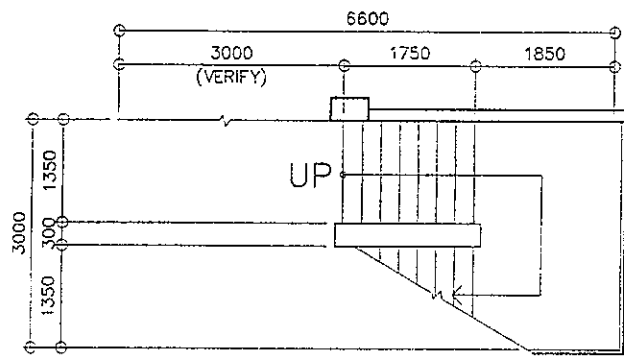
W3
 LOCATION: RIGHT SIDE ELEVATION
 DESCRIPTION: 6MM THK ONE-WAY IMPREG. WINDOW WITH RUBBER GASKET IN ANALOG FRAME FINISHED COATED FINISH

BONIFACIO BUILDING
 3 WINDOW SCHEDULE
 A-9 SCALE 1 : 100 M

 DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MERRILL AVENUE, PASIG CITY	DESIGNED BY CAMILLE ANN C. RAPOSA ARCHITECT LTD-DepED	CHECKED BY JET RAYMOND G. ALABASO POC & ARCHITECT LTD-DepED	REVISED BY ANNABELLE R. PANGAN CHIEF, EFD DepED	RECOMMENDED APPROVAL ROBERT M. AGUSTIN DIRECTOR IV ADMINISTRATIVE SERVICES DepED	APPROVED BY NOLASCO A. MEMPIN UNDERSECRETARY FOR ADMINISTRATION DepED	PROJECT TITLE REPAIR/REHABILITATION OF VARIOUS DEPED CENTRAL OFFICE BUILDINGS -BONIFACIO BUILDING	PROJECT CODE OWNER DEPARTMENT OF EDUCATION DepED	SHEET NO. A-9 24
	LOCATION: FRONT SIDE ELEVATION LEFT SIDE ELEVATION							

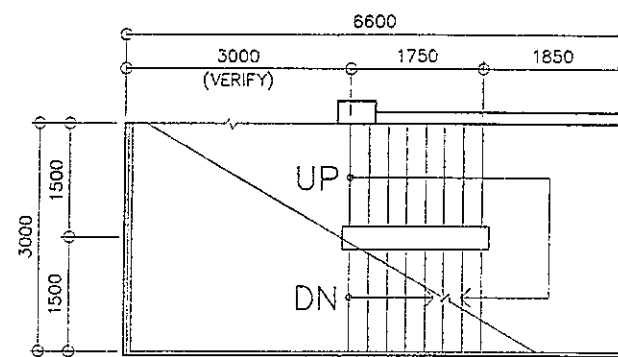


1 BONIFACIO BUILDING
FIRE EXIT ELEVATION
A-9A SCALE 1:100 M



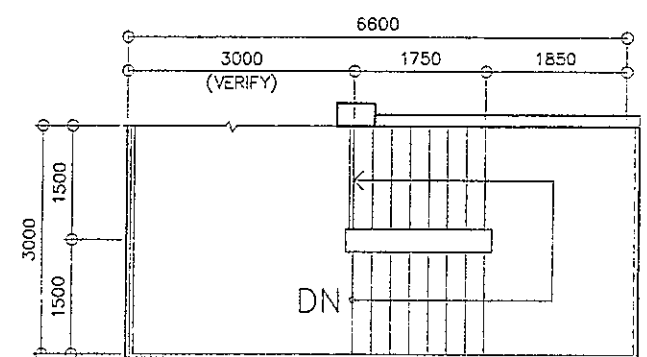
GROUND FLOOR

2 GF FIRE EXIT
STAIR DETAILS
A-9A SCALE 1:100 M



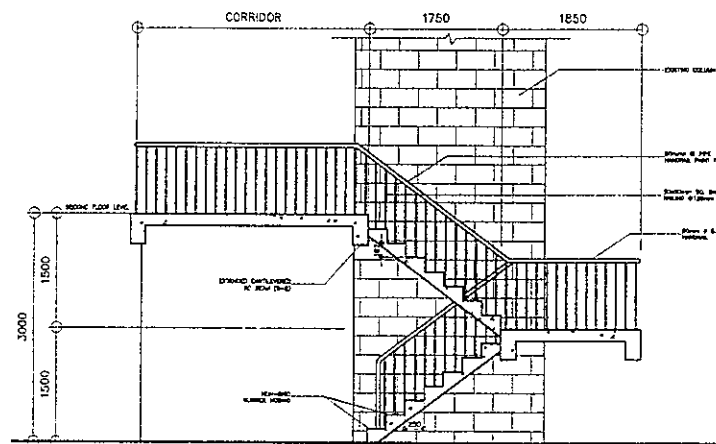
TYPICAL 2ND-4TH FLOOR

3 TYPICAL 2F-4F FIRE EXIT
STAIR DETAILS
A-9A SCALE 1:100 M

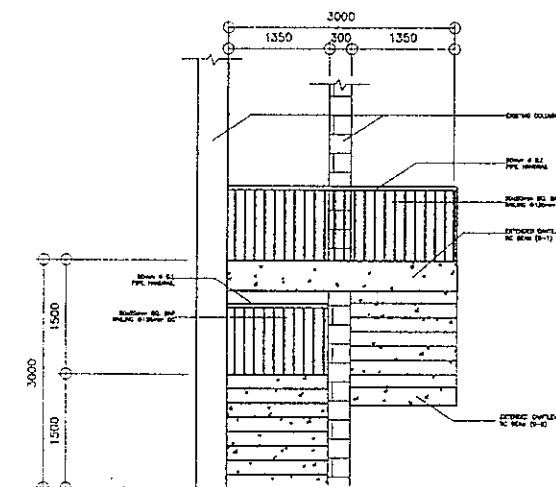


FIFTH FLOOR

4 5F FIRE EXIT
STAIR DETAILS
A-9A SCALE 1:100 M



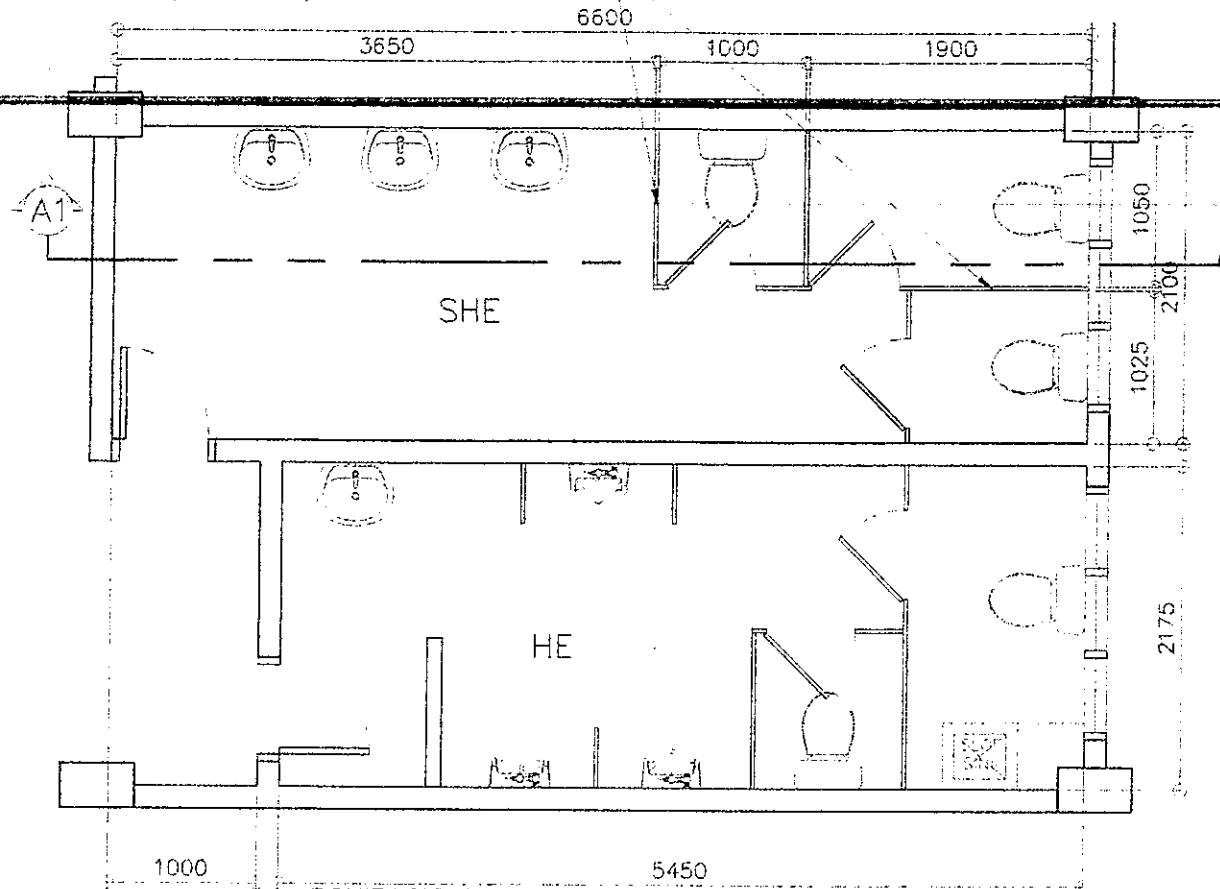
5 SIDE VIEW
FIRE EXIT DETAILS
A-9A SCALE 1:100 M



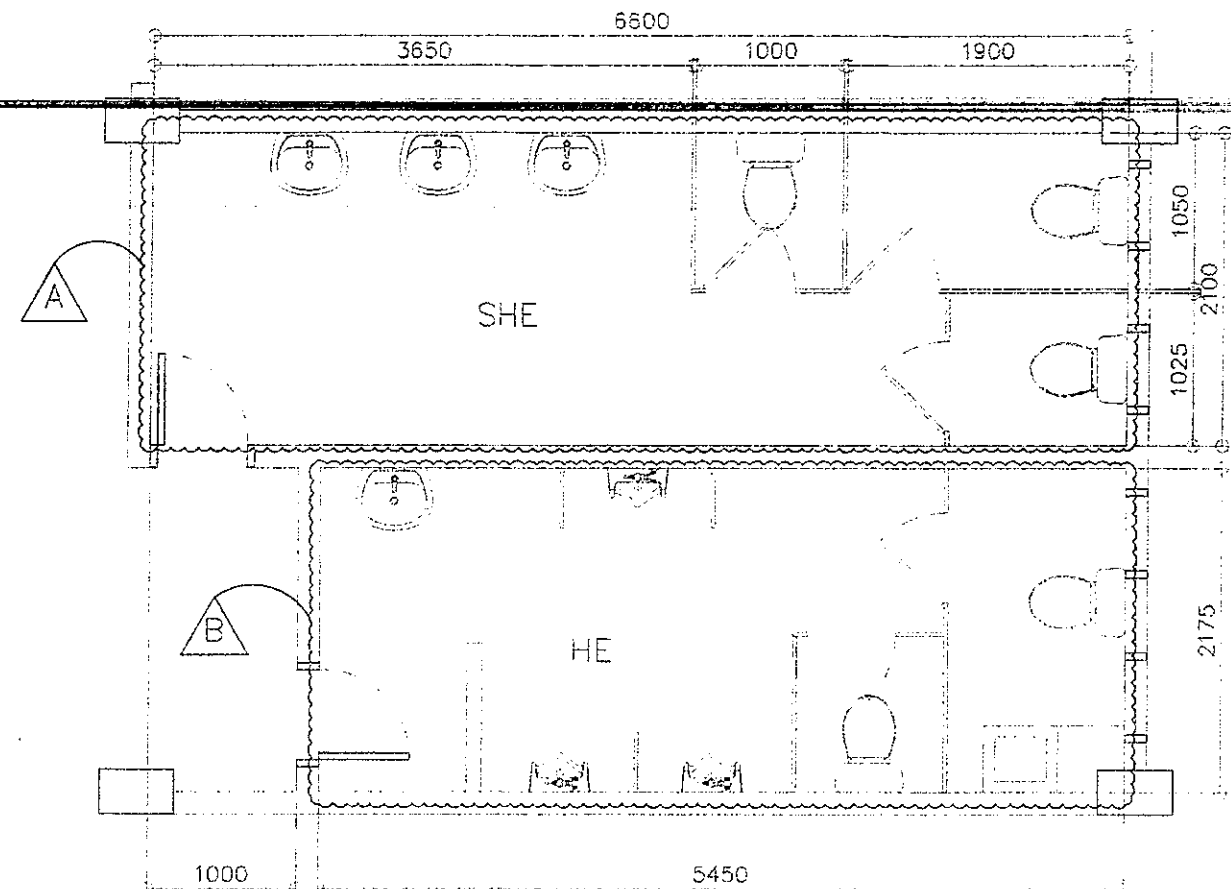
6 FRONT VIEW
FIRE EXIT DETAILS
A-9A SCALE 1:100 M

<p>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION GENERAL INVESTIGATION DIVISION</p>	<p>DRAWN BY:</p> <p><i>Camille Ann C. Raposa</i> CAMILLE ANN C. RAPOSA ARCHITECT EPD-DepED</p>	<p>CHECKED BY:</p> <p><i>Jet Raymond G. Alabaso</i> JET RAYMOND G. ALABASO POO R/ARCHITECT EPD-DepED</p>	<p>RECOMMENDING APPROVAL:</p> <p><i>Annabelle R. Pangan</i> ANNABELLE R. PANGAN ENGR., EPD DepED</p>	<p>RECOMMENDING APPROVAL:</p> <p><i>Robert M. Agustin</i> ROBERT M. AGUSTIN DIRECTOR IV ADMINISTRATIVE SERVICE</p>	<p>APPROVED BY:</p> <p><i>Nolasco A. Mervin</i> NOLASCO A. MERVIN UNDERSECRETARY FOR ADMINISTRATION DepED</p>	<p>PROJECT TITLE:</p> <p>REPAIR/REHABILITATION OF VARIOUS DEPED CENTRAL OFFICE BUILDINGS -BONIFACIO BUILDING</p>	<p>PROJECT CODE:</p>	<p>OWNER:</p> <p>DEPARTMENT OF EDUCATION DepED</p>	<p>SHEET NO.:</p> <p>A-9A 25</p>
	<p>SHEET CONTENTS</p> <p>1. FIRE EXIT DETAILS</p>								

PHENOLIC BOARD PARTITION
(LAMINATED)



BONIFACIO RIGHT WING - GF, 2F, 4F
1 TYP TOILETS - AS BUILT
A-10 SCALE 1 : 50 M



RIGHT WING TYPICAL TOILET - GF, 2F, 4F
3 DEMOLITION PLAN
A-10 SCALE 1 : 50 M

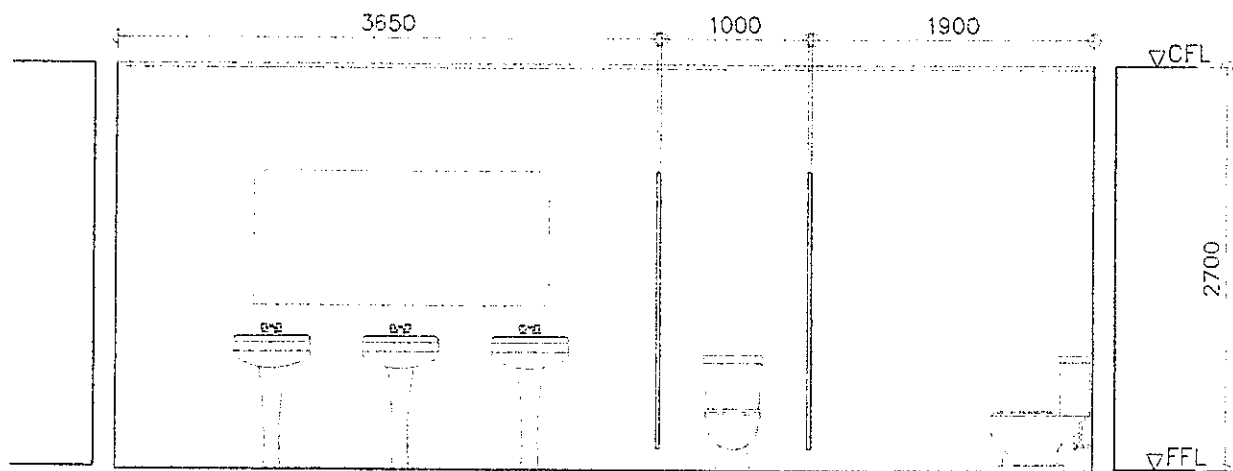
LEGEND:

A SHE: REMOVE/DEMOLISH ALL LAVATORIES, MIRROR, WATER CLOSETS, PHENOLIC BOARD PARTITIONS, DOORS, FLOOR AND WALL TILES, CEILING

B HE: REMOVE/DEMOLISH ALL LAVATORIES, WATER CLOSETS, URINALS, CHB/PHENOLIC BOARD PARTITIONS, DOORS, FLOOR AND WALL TILES, CEILING

NOTES:

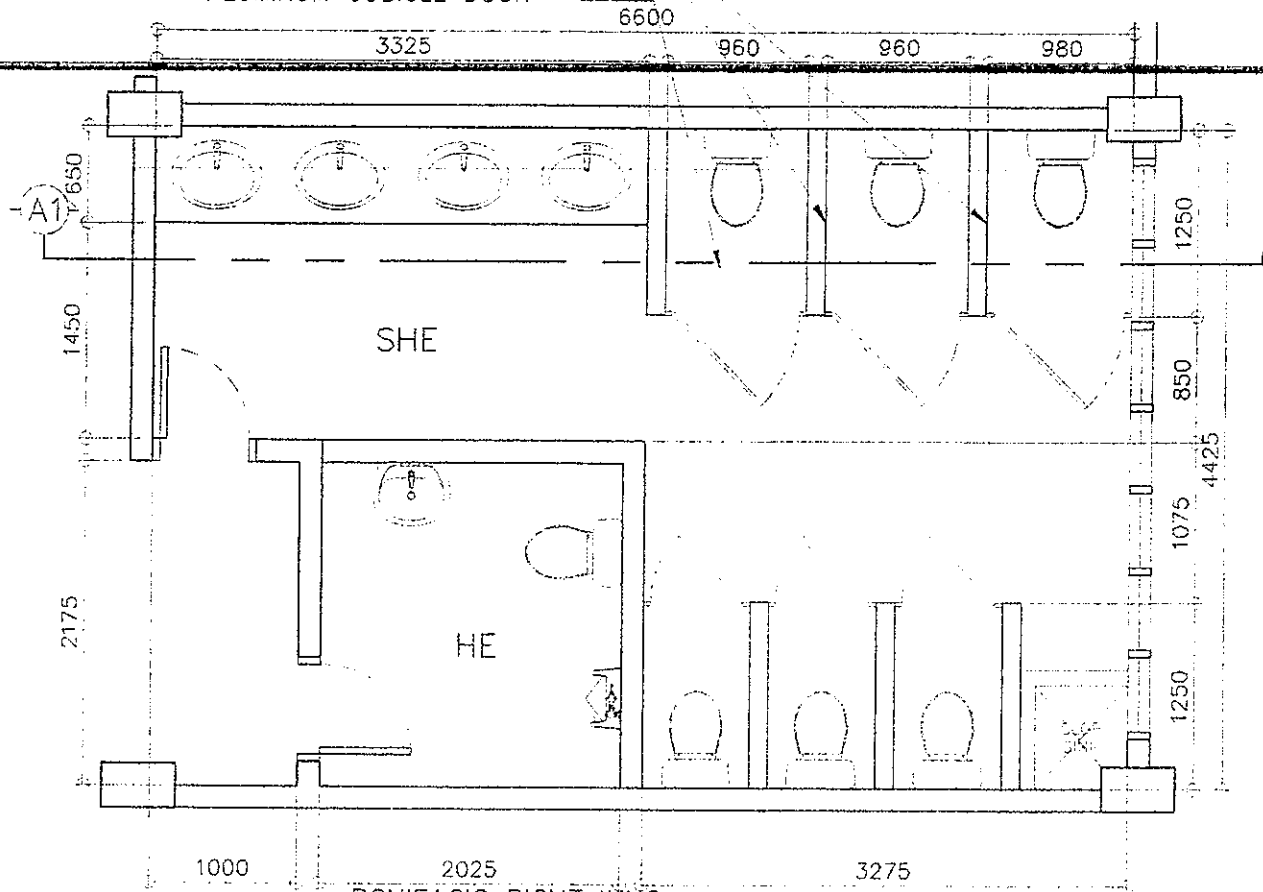
1. INCLUDE FRAMES, ACCESSORIES AND LIGHTING FIXTURES IN DEMOLITION/REMOVAL OF CEILINGS
2. INCLUDE FLOOR TOPPING AND WATER PROOFING (IF ANY) IN DEMOLITION/REMOVAL OF FLOOR AND WALL TILES
3. HAUL-OUT CONSTRUCTION DEBRIS
4. RELAYOUT SANITARY/ PLUMBING LINE IN ACCORDANCE TO THE PROPOSED LAYOUT
5. RELAYOUT ELECTRICAL LIGHTING IN ACCORDANCE TO THE PROPOSED LAYOUT
6. CONSIDER TESTING & COMMISSIONING OF UTILITIES
7. VERIFY LOCATION OF CEILING MANHOLE
8. ENSURE EXHAUST OUTLET THROUGH EXTERIOR WALL



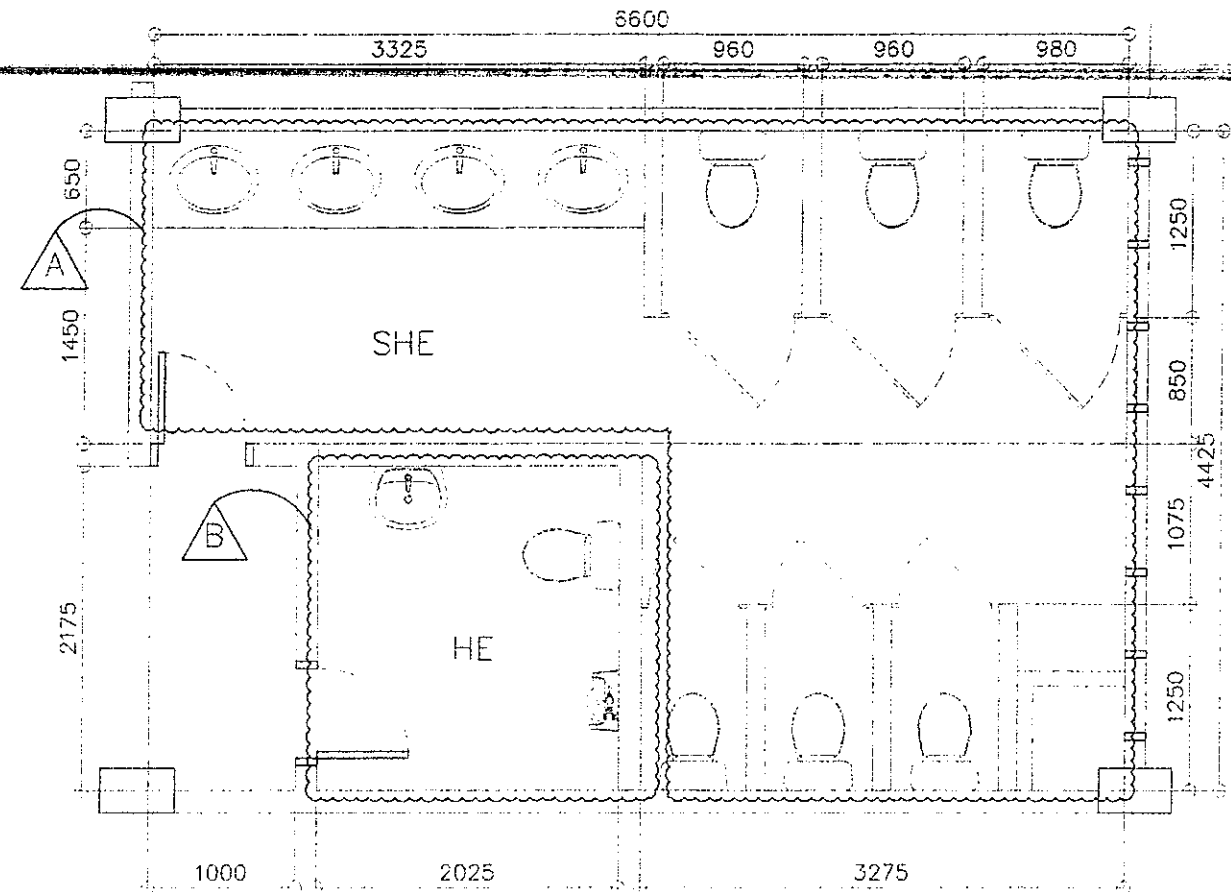
BONIFACIO RIGHT WING - GF, 2F, 4F
2 TYP TOILETS - AS BUILT
A-10 SCALE 1 : 50 M

<p>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MERALCO AVENUE, PASIG CITY</p>	<p>DESIGNED BY:</p> <p>CAMILLE RAPOS / REICHHELLE PORWILDA ARCHITECT EFD-DepED</p>	<p>CHECKED BY:</p> <p>JET BAYANONG C. ALABRADO PRO B/ARCHITECT EFD-DepED</p>	<p>RECOMMENDING APPROVAL:</p> <p>ANNABELLE R. PANGAN CHIEF, EFD DepED</p>	<p>RECOMMENDING APPROVAL:</p> <p>ROBERT M. AGUSTIN DIRECTOR IV ADMINISTRATIVE SERVICE</p>	<p>APPROVED BY:</p> <p>NOLASCO A. MEMIN UNDERSECRETARY FOR ADMINISTRATION DepED</p>	<p>PROJECT TITLE:</p> <p>REPAIR/REHABILITATION OF VARIOUS DEPED CENTRAL OFFICE BUILDINGS -BONIFACIO TOILETS</p>	<p>PROJECT CODE:</p>	<p>OWNER:</p> <p>DEPARTMENT OF EDUCATION DepED</p>	<p>SHEET NO.:</p> <p>A-10 24</p>
	<p>SHEET CONTENTS:</p> <p>RIGHT WING GF, 2F, 4F TOILETS AS-BUILT FLOOR PLAN, ELEVATION/SECTION, DEMOLITION PLAN</p>								

CHB PARTITION IN TILE
FINISH
ALUMINUM CUBICLE DOOR





BONIFACIO RIGHT WING
1 3F TOILETS - AS BUILT
A-11 SCALE 1 : 50 M



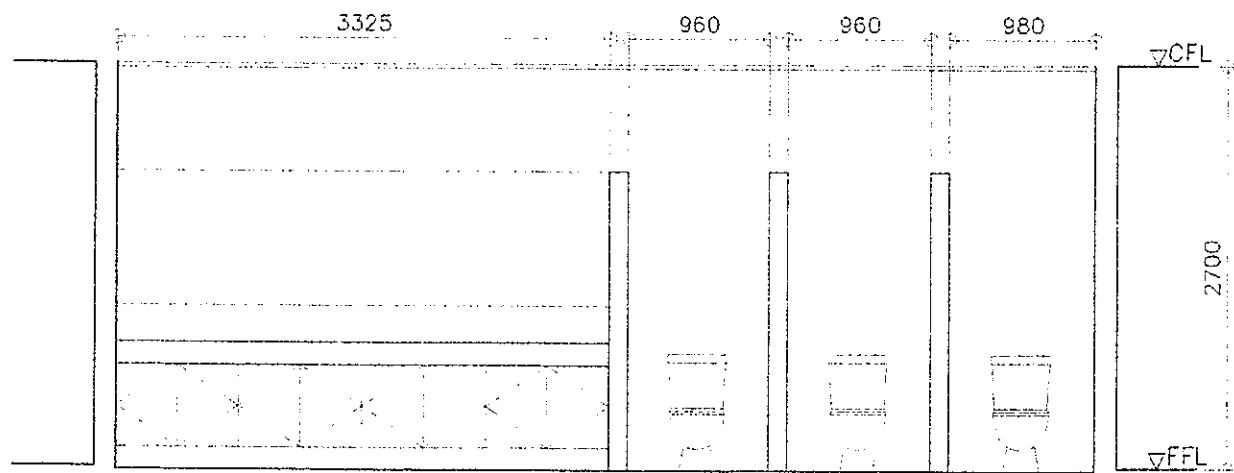
RIGHT WING TOILET - 3F
3 DEMOLITION PLAN
A-11 SCALE 1 : 50 M

LEGEND:

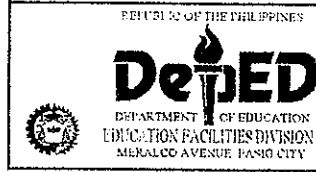
-  SHE: REMOVE/DEMOLISH ALL LAVATORIES, COUNTERTOP/CABINETS, MIRROR, WATER CLOSETS, CHB PARTITIONS, DOORS, FLOOR AND WALL TILES, CEILING
-  HE: DEMOLISH REAR WALL; REMOVE LAVATORY, WATER CLOSET, URINAL, DOOR, FLOOR AND WALL TILES, CEILING

NOTES:

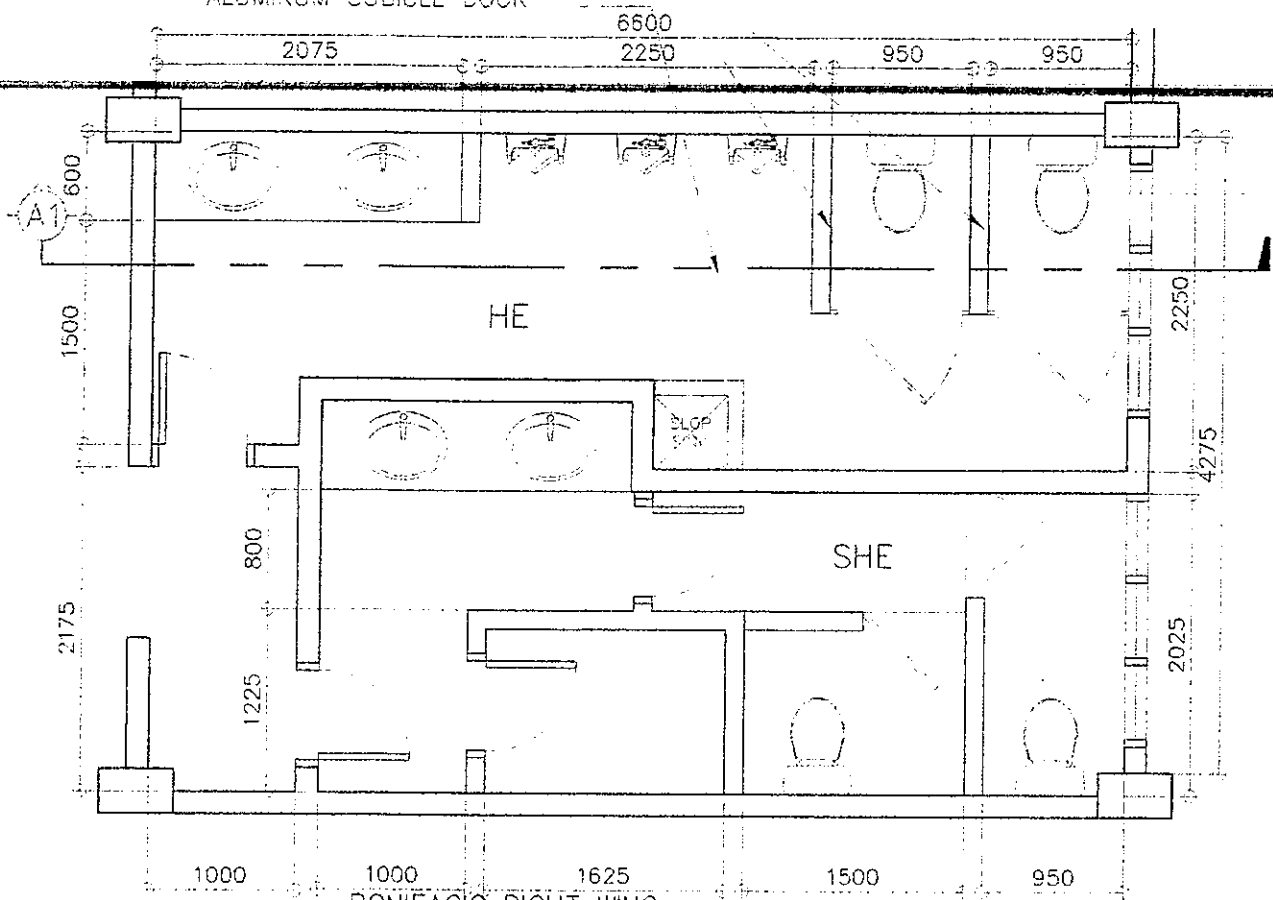
1. INCLUDE FRAMES, ACCESSORIES AND LIGHTING FIXTURES IN DEMOLITION/REMOVAL OF CEILINGS
2. INCLUDE FLOOR TOPPING AND WATER PROOFING (IF ANY) IN DEMOLITION/REMOVAL OF FLOOR AND WALL TILES
3. HAUL-OUT CONSTRUCTION DEBRIS
4. RELAYOUT SANITARY/ PLUMBING LINE IN ACCORDANCE TO THE PROPOSED LAYOUT
5. RELAYOUT ELECTRICAL LIGHTING IN ACCORDANCE TO THE PROPOSED LAYOUT
6. CONSIDER TESTING & COMMISSIONING OF UTILITIES
7. VERIFY LOCATION OF CEILING MANHOLE
8. ENSURE EXHAUST OUTLET THROUGH EXTERIOR WALL



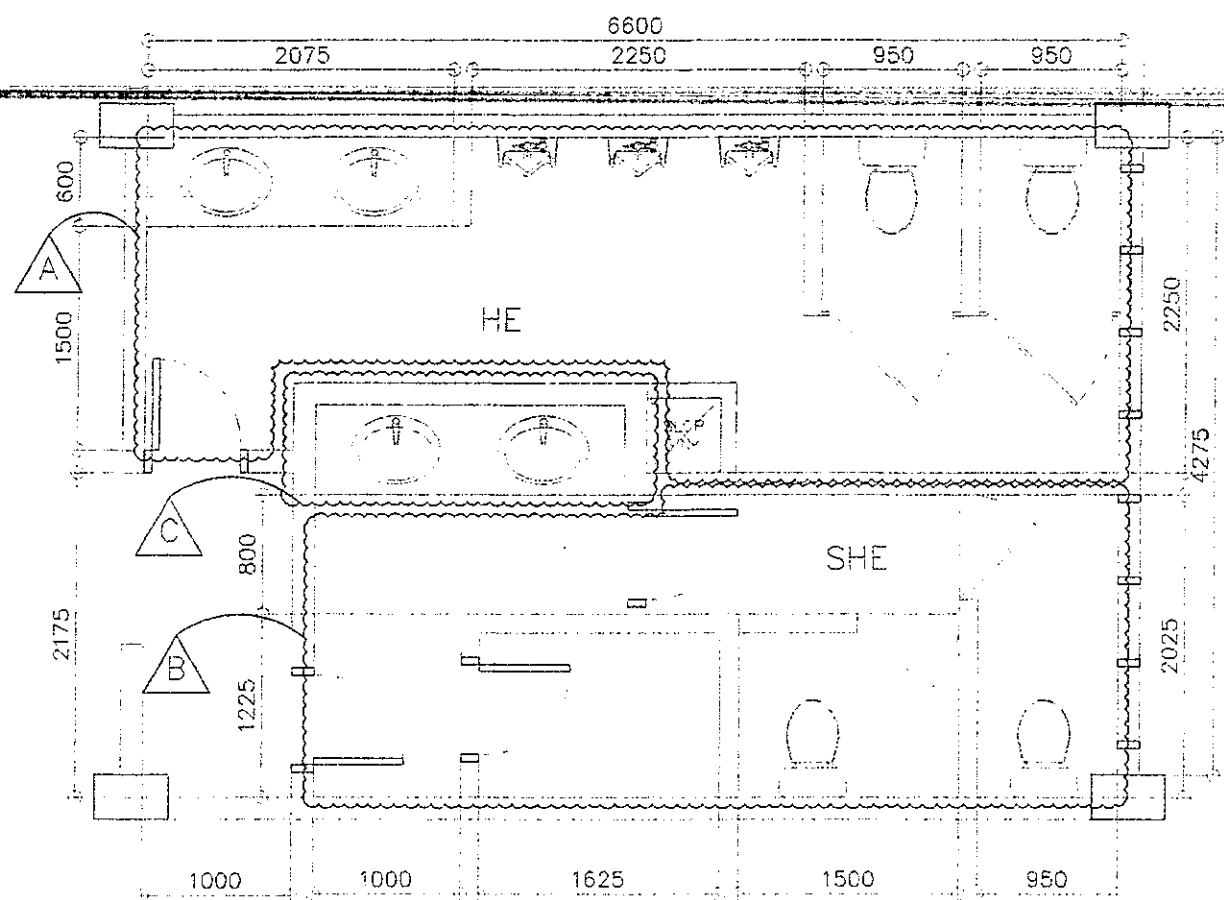
BONIFACIO RIGHT WING
2 3F TOILETS - AS BUILT
A-11 SCALE 1 : 50 M

 <p>DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION Meralco Avenue, Pasig City</p>	<p>DRAWN BY:</p> <p><i>Camilie Raposa</i> CAMILIE RAPOSA / REICHELLE PORWILDA ARCHITECT EPD-DepED</p>	<p>CHECKED BY:</p> <p><i>Jet Raymond G. Alabaso</i> JET RAYMOND G. ALABASO POO IN/ARCHITECT EPD-DepED</p>	<p>RECOMMENDING APPROVAL:</p> <p><i>Annabelle R. Pangan</i> ANNABELLE R. PANGAN CHIEF, EPD DepED</p>	<p>RECOMMENDING APPROVAL:</p> <p><i>Robert M. Agustin</i> ROBERT M. AGUSTIN DIRECTOR IV ADMINISTRATIVE SERVICE</p>	<p>APPROVED BY:</p> <p><i>Nolasco A. Medina</i> NOLASCO A. MEDINA UNDERSECRETARY FOR ADMINISTRATION DepED</p>	<p>PROJECT TITLE:</p> <p>REPAIR/REHABILITATION OF VARIOUS DEPED CENTRAL OFFICE BUILDINGS -BONIFACIO TOILETS</p>	<p>PROJECT CODE:</p>	<p>OWNER:</p> <p>DEPARTMENT OF EDUCATION DepED</p>	<p>SHEET NO.:</p> <p>A-11 24</p>
	<p>SHEET CONTENTS:</p> <p>RIGHT WING 3F TOILETS AS-BUILT FLOOR PLAN, ELEVATION/SECTION, DEMOLITION PLAN</p>								

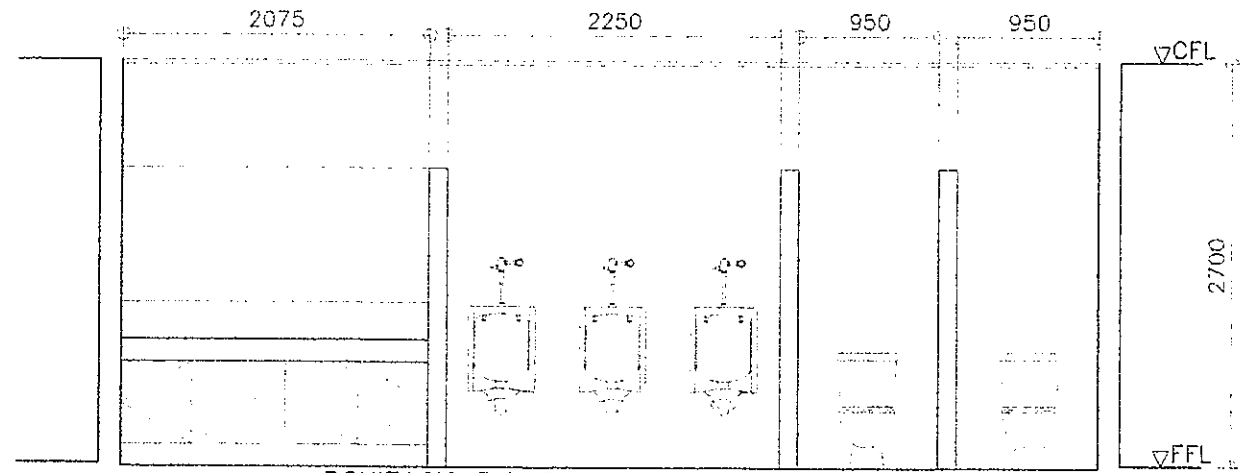
CHB PARTITION IN TILE
FINISH
ALUMINUM CUBICLE DOOR



BONIFACIO RIGHT WING
1 5F TOILETS - AS BUILT
A-12 SCALE 1 : 50 M






RIGHT WING TOILET - 5F
3 DEMOLITION PLAN
A-12 SCALE 1 : 50 M




BONIFACIO RIGHT WING
2 5F TOILETS - AS BUILT
A-12 SCALE 1 : 50 M

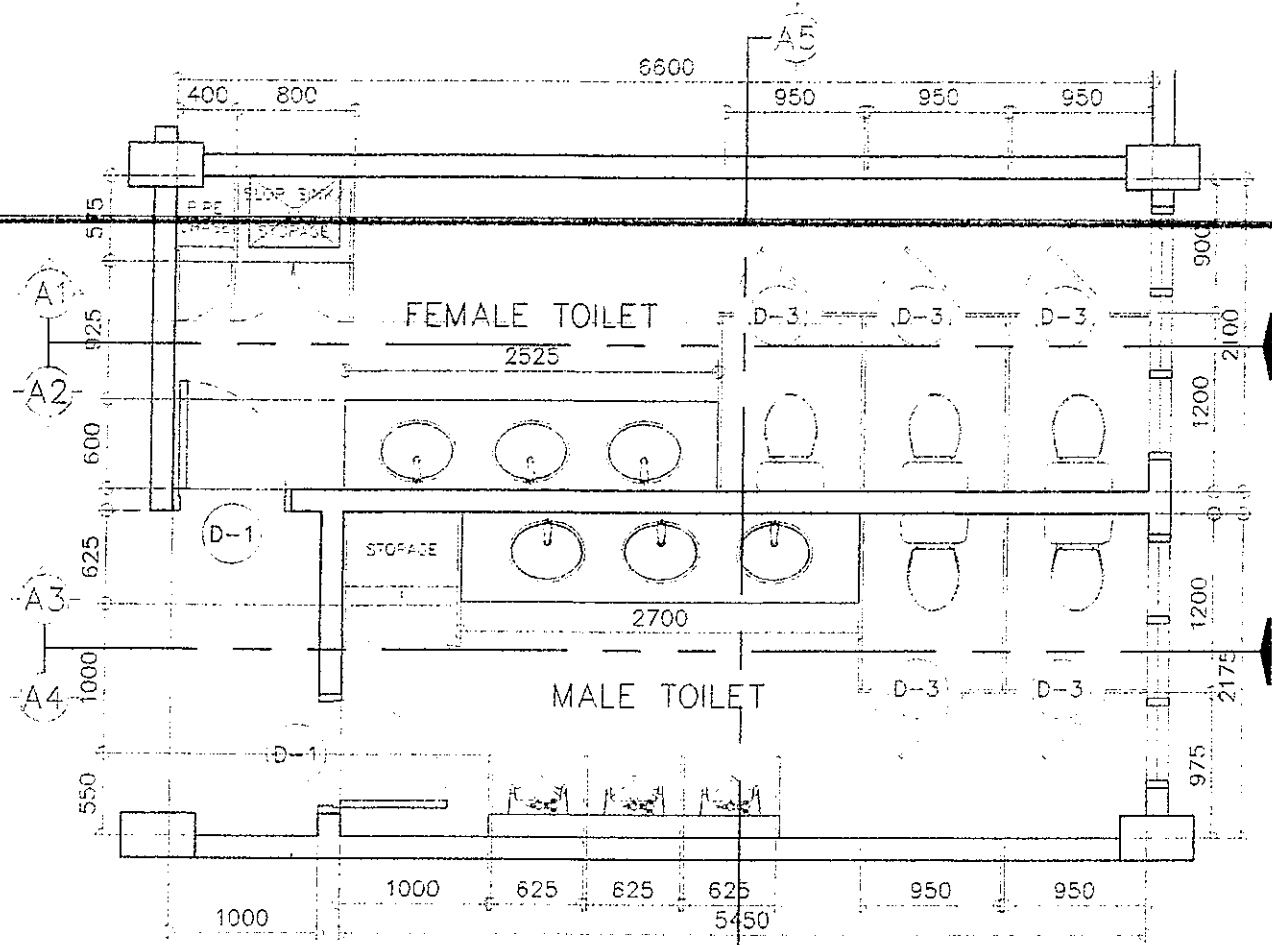
LEGEND:

-  HE: REMOVE/DEMOLISH LAVATORIES, COUNTERTOP/CABINETS, MIRROR, WATER CLOSETS, URINALS, CHB PARTITIONS, DOORS, FLOOR AND WALL TILES, CEILING
-  SHE: REMOVE/DEMOLISH WATER CLOSETS, DRYWALL AND CHB PARTITIONS, DOORS, FLOOR AND WALL TILES, CEILING
-  SHE: REMOVE/DEMOLISH LAVATORIES, COUNTERTOP/CABINETS, MIRROR, CHB WALL

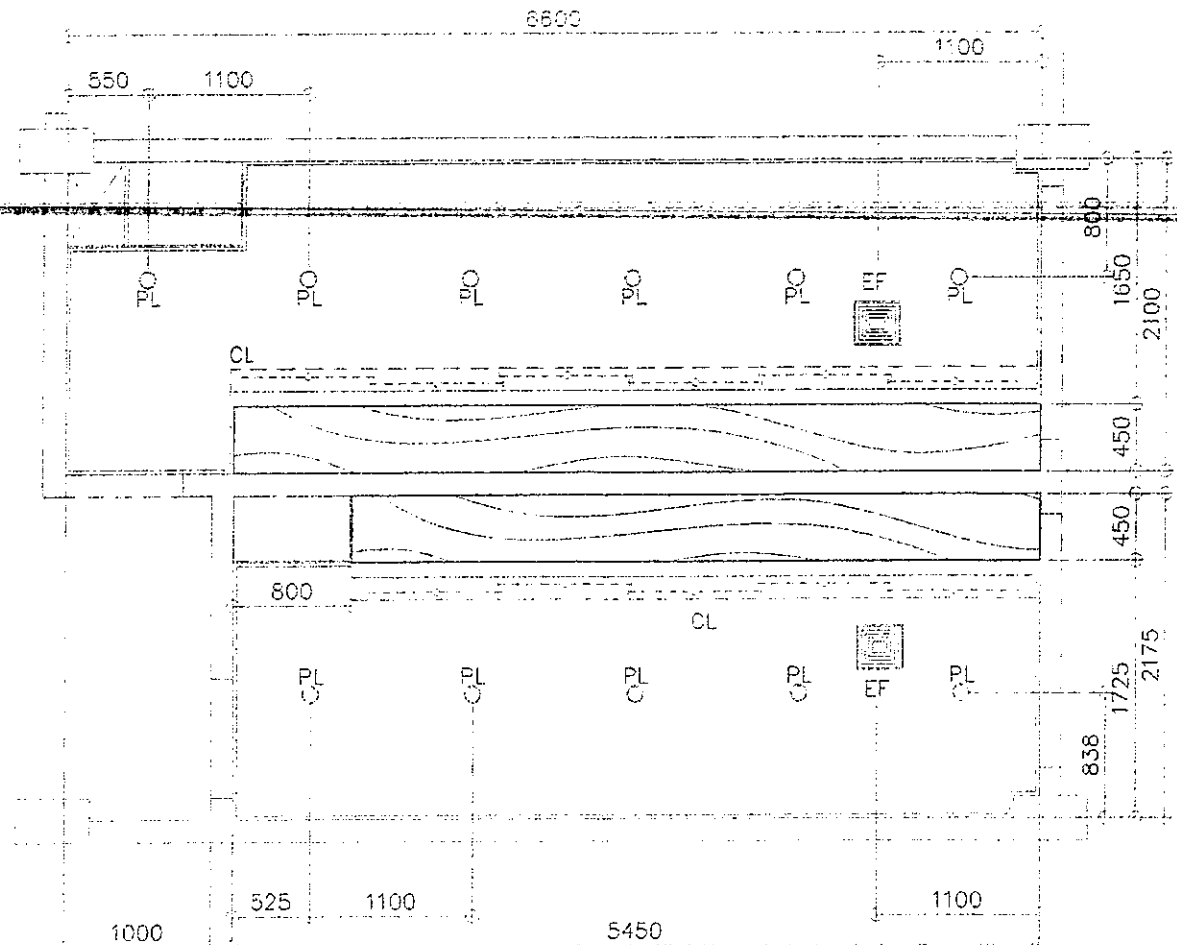
NOTES:

1. INCLUDE FRAMES, ACCESSORIES AND LIGHTING FIXTURES IN DEMOLITION/REMOVAL OF CEILINGS
2. INCLUDE FLOOR TOPPING AND WATER PROOFING (IF ANY) IN DEMOLITION/REMOVAL OF FLOOR AND WALL TILES
3. HAUL-OUT CONSTRUCTION DEBRIS
4. RELAYOUT SANITARY/ PLUMBING LINE IN ACCORDANCE TO THE PROPOSED LAYOUT
5. RELAYOUT ELECTRICAL LIGHTING IN ACCORDANCE TO THE PROPOSED LAYOUT
6. CONSIDER TESTING & COMMISSIONING OF UTILITIES
7. VERIFY LOCATION OF CEILING MANHOLE
8. ENSURE EXHAUST OUTLET THROUGH EXTERIOR WALL

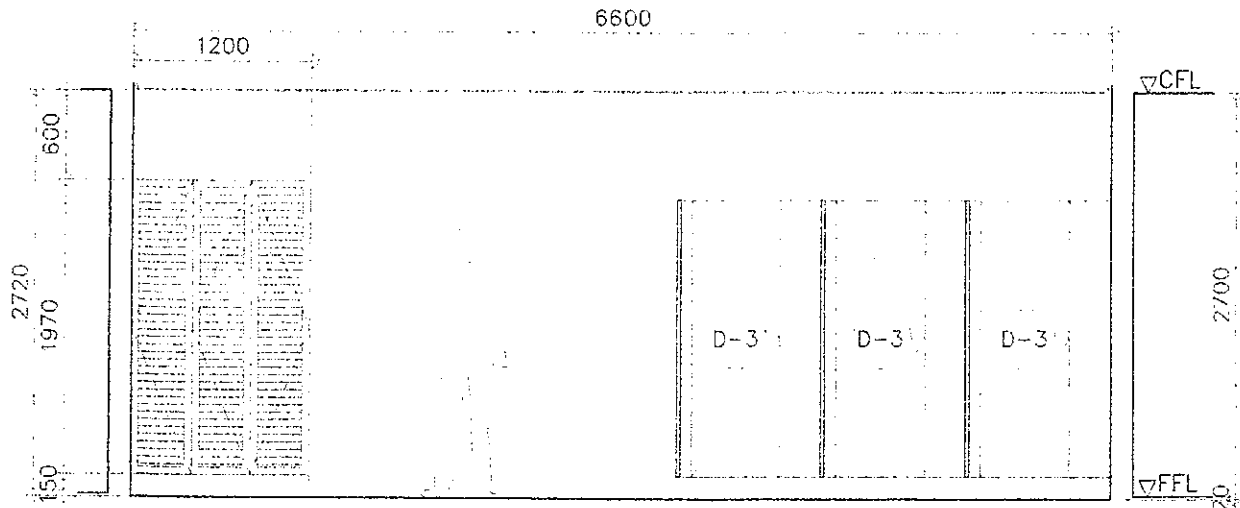
 <p>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MERCADO AVENUE, PASIG CITY</p>	<p>DRAWN BY: CAMILLE R. RAPOSA / REICHELLE FORMILDA ARCHITECT ETD-DepED</p>	<p>CHECKED BY: JET RAYMOND G. ALABASTO PRO. ARCHITECT ETD-DepED</p>	<p>RECOMMENDING APPROVAL: ANNABELLE R. FRANGAN CHIEF, ETD DepED</p>	<p>RECOMMENDING APPROVAL: ROBERT M. AGUSTIN DIRECTOR IV ADMINISTRATIVE SERVICE</p>	<p>APPROVED BY: NOLASCO S. MEMPIN IMPERIAL SECRETARY FOR ADMINISTRATION DepED</p>	<p>PROJECT TITLE: REPAIR/REHABILITATION OF VARIOUS DEPED CENTRAL OFFICE BUILDINGS -BONIFACIO TOILETS</p>	<p>PROJECT CODE:</p>	<p>OWNER: DEPARTMENT OF EDUCATION DepED</p>	<p>SHEET NO.: A-12 24</p>
	<p>SHEET CONTENTS: RIGHT WING 5F TOILETS AS-BUILT FLOOR PLAN, ELEVATION/SECTION, DEMOLITION PLAN</p>								



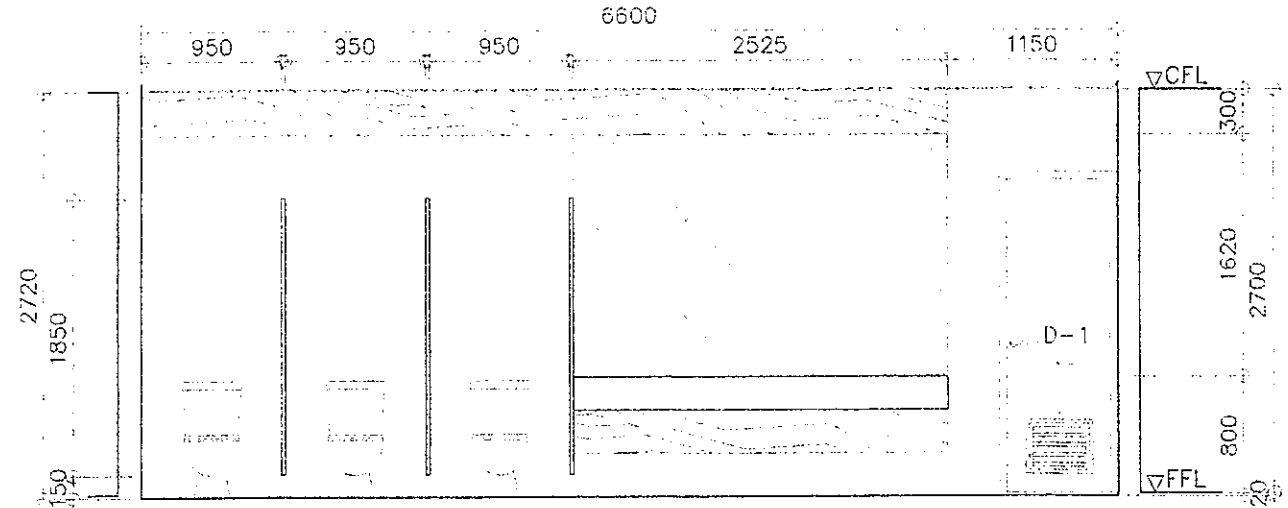
RIGHT WING GF TO 5F TOILETS
 1 TYPICAL FLOOR PLAN
 A-13 SCALE 1 : 50 M



RIGHT WING GF TO 5F TOILETS
 2 TYP REFLECTED CEILING PLAN
 A-13 SCALE 1 : 50 M

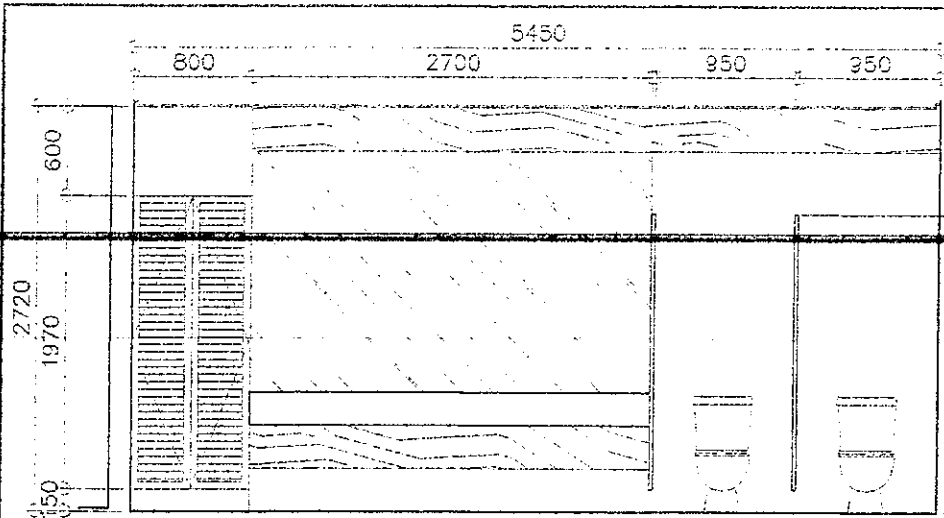


RIGHT WING GF TO 5F TOILETS
 3 TYP ELEVATION SECTION
 A-13 SCALE 1 : 50 M

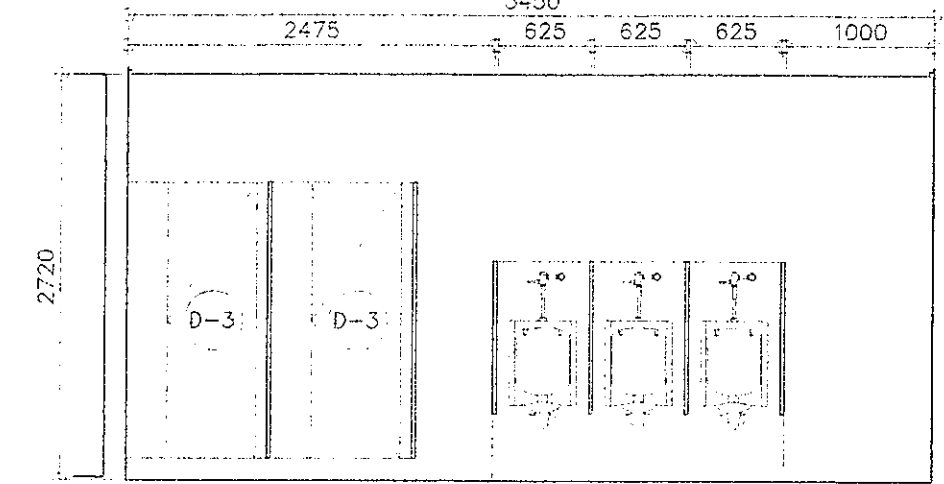


RIGHT WING GF TO 5F TOILETS
 4 TYP ELEVATION SECTION
 A-13 SCALE 1 : 50 M

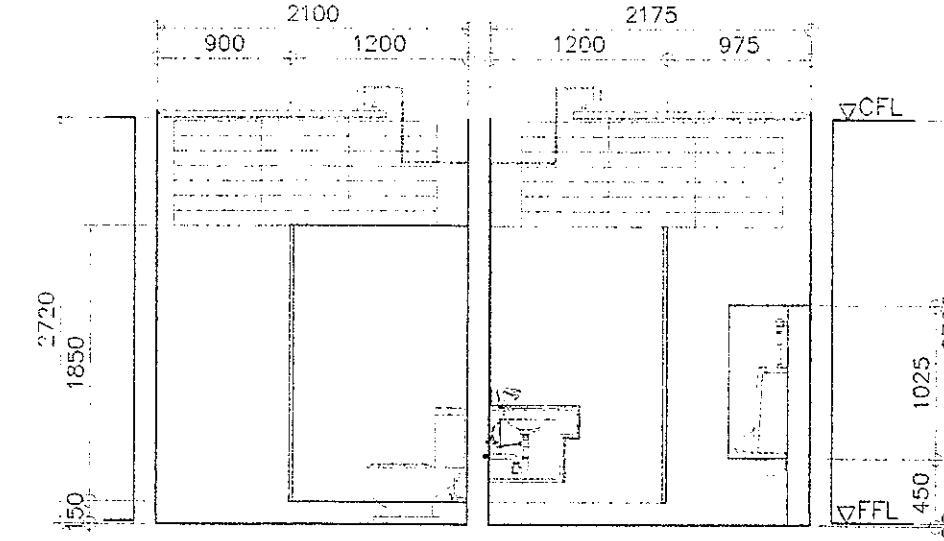
DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION SIBALDO AVENUE, PASIG CITY	DRAWN BY: CAMILLE RAPOSO REICHELLE PORMILDA ARCHITECT EFD-DepED	CHECKED BY: JET RAYMOND G. ALARASO POO #/ARCHITECT EFD-DepED	RECOMMENDING APPROVAL: ANNABELLE PANGANI CHIEF, EFD DepED	RECOMMENDING APPROVAL: ROBERT M. AGUSTIN DIRECTOR IV ADMINISTRATIVE SERVICE	APPROVED BY: NOLASCO A. MAMPIN UNDERSECRETARY FOR ADMINISTRATION DepED	PROJECT TITLE: REPAIR/REHABILITATION OF VARIOUS DEPED CENTRAL OFFICE BUILDINGS -BONIFACIO TOILETS	PROJECT CODE: 	OWNER: DEPARTMENT OF EDUCATION DepED	SHEET NO.: A-13 24
	SHEET CONTENTS: RIGHT WING GF TO 5F TOILETS TYPICAL FLOOR PLAN, REFLECTED CEILING PLAN, ELEVATION/SECTIONS								



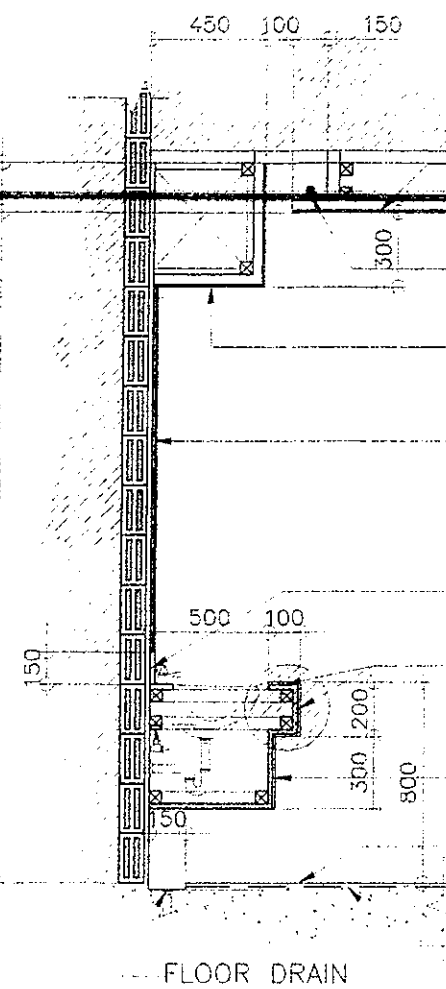
RIGHT WING GF TO 5F TOILETS
1 TYP ELEVATION SECTION
 A-14 SCALE 1 : 50 M



RIGHT WING GF TO 5F TOILETS
2 TYP ELEVATION SECTION
 A-14 SCALE 1 : 50 M

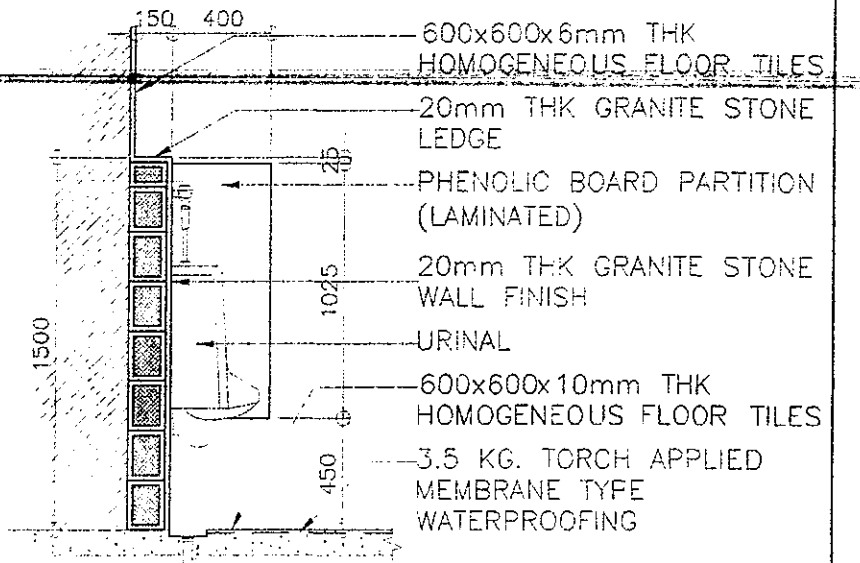


RIGHT WING GF TO 5F TOILETS
3 TYP ELEVATION SECTION
 A-14 SCALE 1 : 50 M



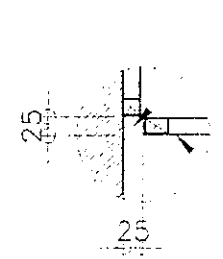
LAVATORY
4 TYPICAL SECTION DETAIL
 A-14 SCALE 1 : 30 M

- 10mm. THK. MOISTURE RESISTANT GYPSUM BOARD ON METAL FURRING
- T5 LIGHTING FIXTURE (VER)
- 19mm THK. MARINE PLYWOOD WITH VENEER (LAMINATE FINISH)
- 6mm THK. FACIAL MIRROR ON PLYWOOD BACKING (PROVIDE STAINLESS EDGING ALL AROUND)
- 19mm THK. GRANITE SPLASH BOARD
- COUNTER TOP IN 20mm THK. GRANITE STONE
- 3mm THK. VENEER LAMINATED ON 19mm THK. PHENOLIC BOARD
- 600x600x10mm THK HOMOGENEOUS FLOOR TILES
- 3.5 KG. TORCH APPLIED MEMBRANE TYPE WATERPROOFING
- FLOOR DRAIN



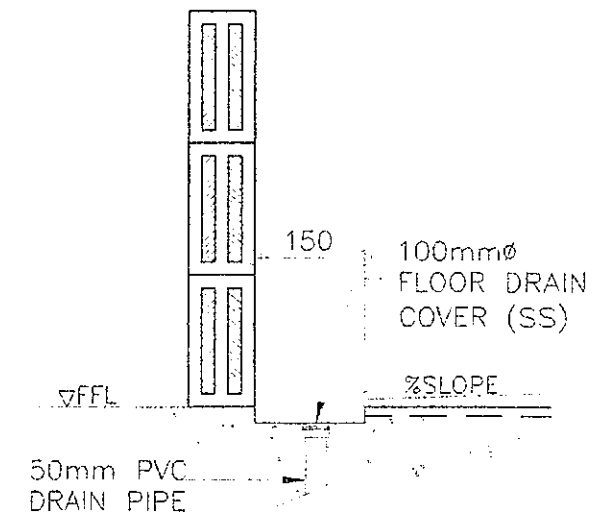
URINAL
5 TYPICAL SECTION DETAIL
 A-14 SCALE 1 : 30 M

- 600x600x6mm THK HOMOGENEOUS FLOOR TILES
- 20mm THK GRANITE STONE LEDGE
- PHENOLIC BOARD PARTITION (LAMINATED)
- 20mm THK GRANITE STONE WALL FINISH
- URINAL
- 600x600x10mm THK HOMOGENEOUS FLOOR TILES
- 3.5 KG. TORCH APPLIED MEMBRANE TYPE WATERPROOFING



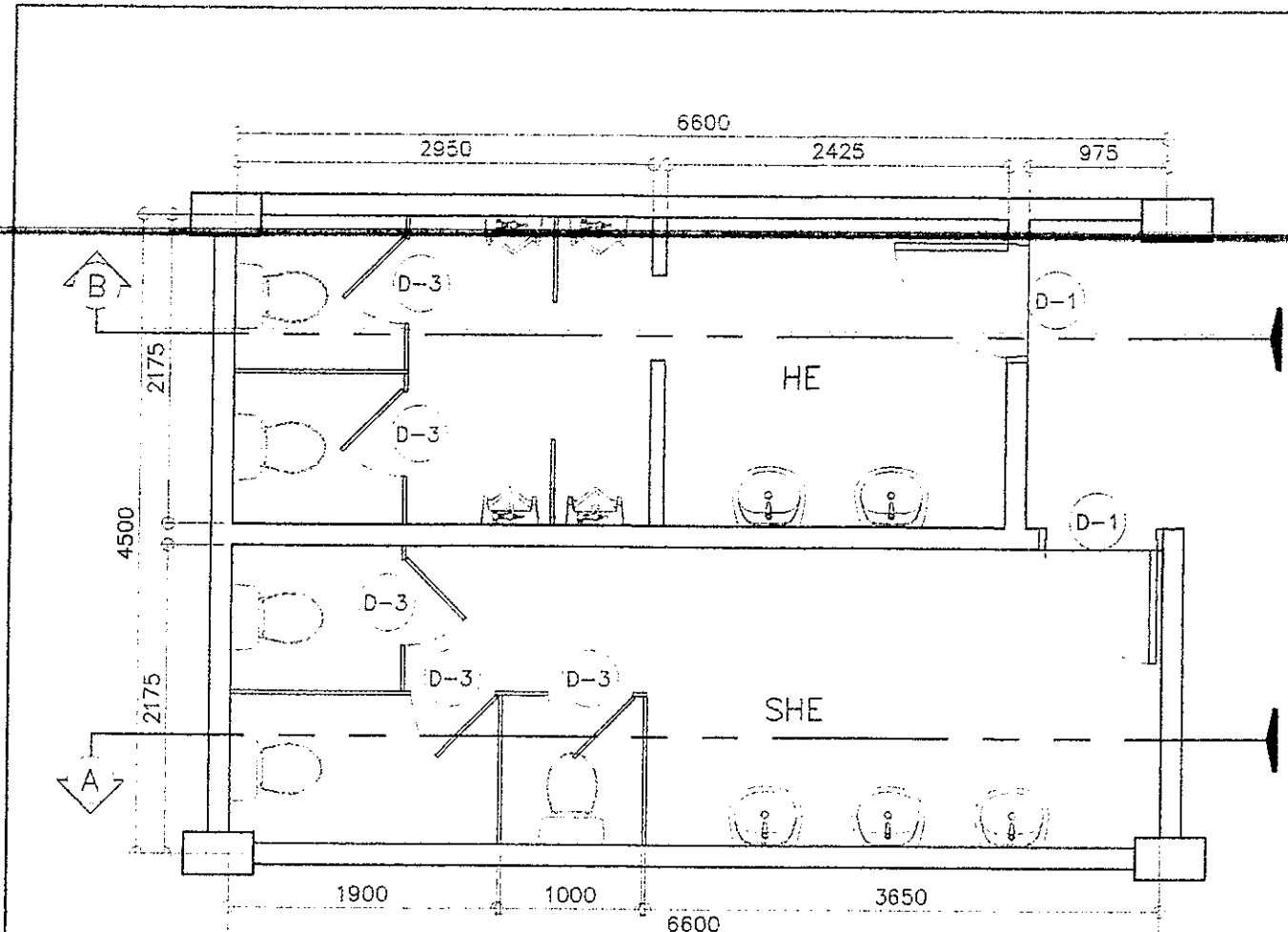
SHADOW GAP
6 SPOT DETAIL
 A-14 SCALE 1 : 10 M

- 25X25mm SHADOW GAP
- 10mm THK. GYPSUM BOARD ON METAL FURRING

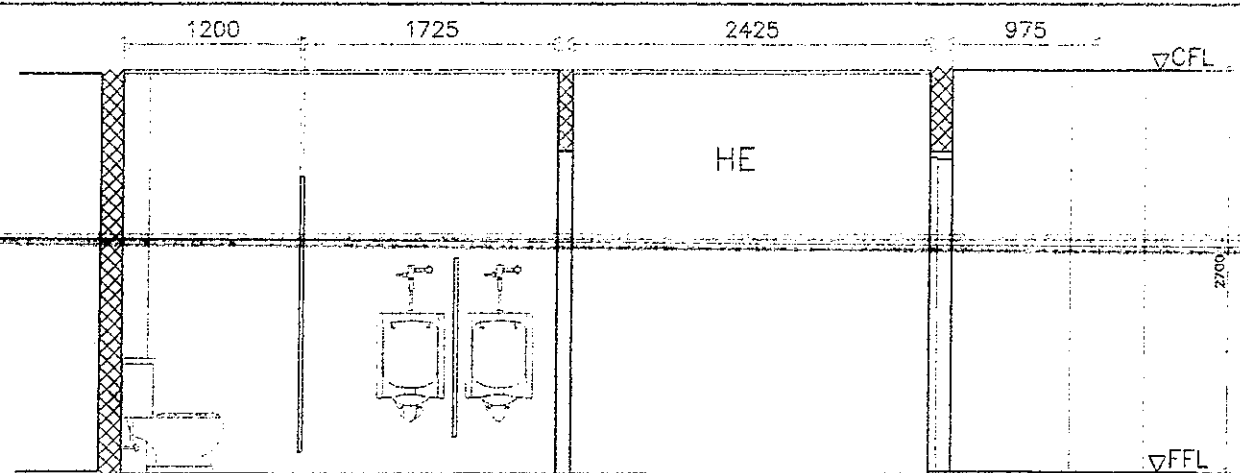


FLOOR DRAIN
7 SPOT DETAIL
 A-14 SCALE 1 : 10 M

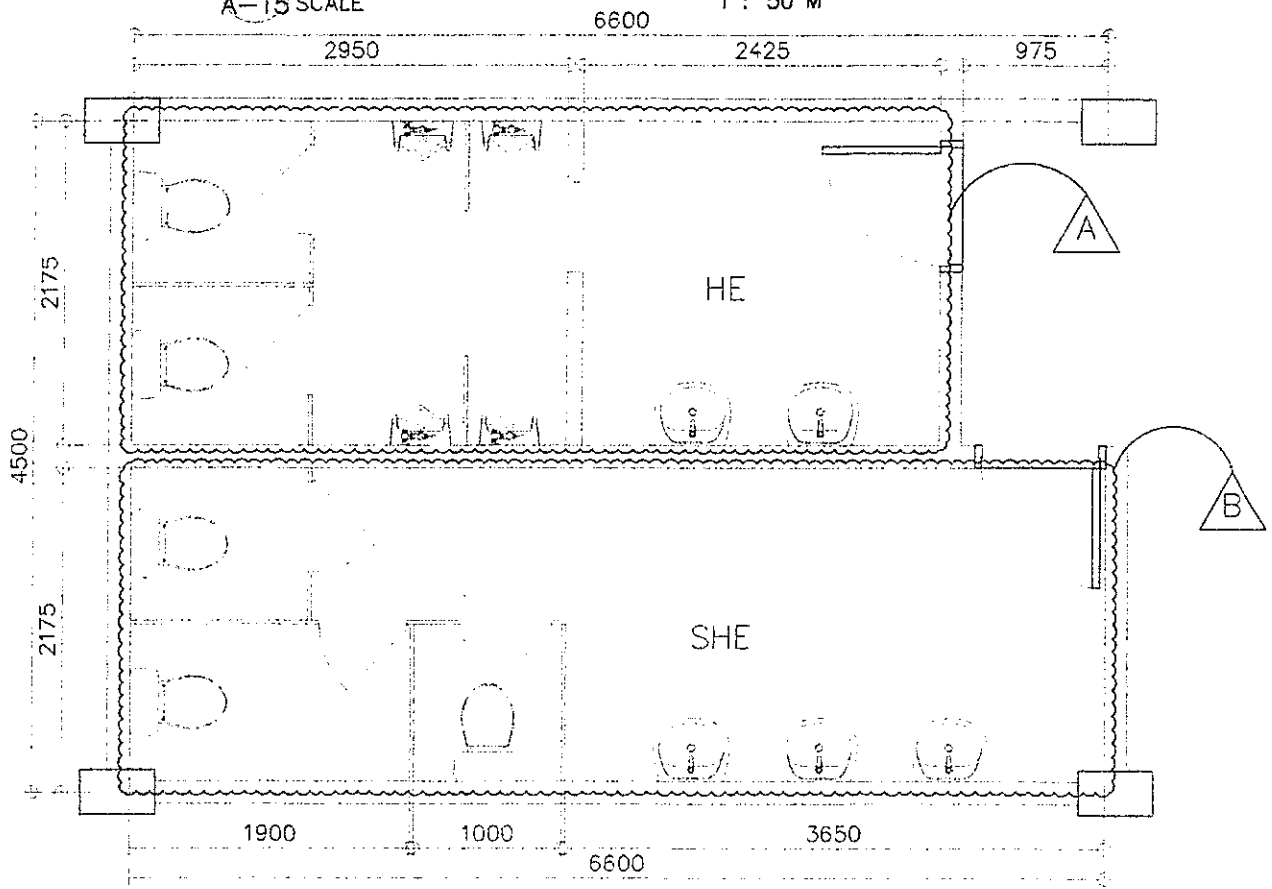
REPUBLIC OF THE PHILIPPINES DepED DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MERRALDO AVENUE, TAGUIG CITY	DRAWN BY : CAMILLE RAPOSA / REICHELLE FORMILDA ARCHITECT DepED	CHECKED BY : JET ARYMOND G. ALABASO PEO / ARCHITECT DepED	RECOMMENDING APPROVAL : ANNABELLE R. PANGARAN CHIEF, EFD DepED	RECOMMENDING APPROVAL : ROBERT M. AGUSTIN DIRECTOR / ADMINISTRATIVE SERVICE DepED	APPROVED BY : NOLASCO A. JEMPIN UNDERSECRETARY FOR ADMINISTRATION DepED	PROJECT TITLE : REPAIR/REHABILITATION OF VARIOUS DEPED CENTRAL OFFICE BUILDINGS - BONIFACIO TOILETS	PROJECT CODE :	OWNER : DEPARTMENT OF EDUCATION DepED	SHEET NO. : A-14 24
	SHEET CONTENTS : RIGHT WING GF TO 5F TOILETS TYPICAL ELEVATION/SECTIONS, RIGHT AND LEFT WING TOILET DETAILS								



BONIFACIO LEFT WING - GF, 3F
1 TYP TOILETS - AS BUILT
A-15 SCALE 1 : 50 M



BONIFACIO LEFT WING - GF, 3F
3 HE TOILETS - AS BUILT
A-15 SCALE 1 : 50 M

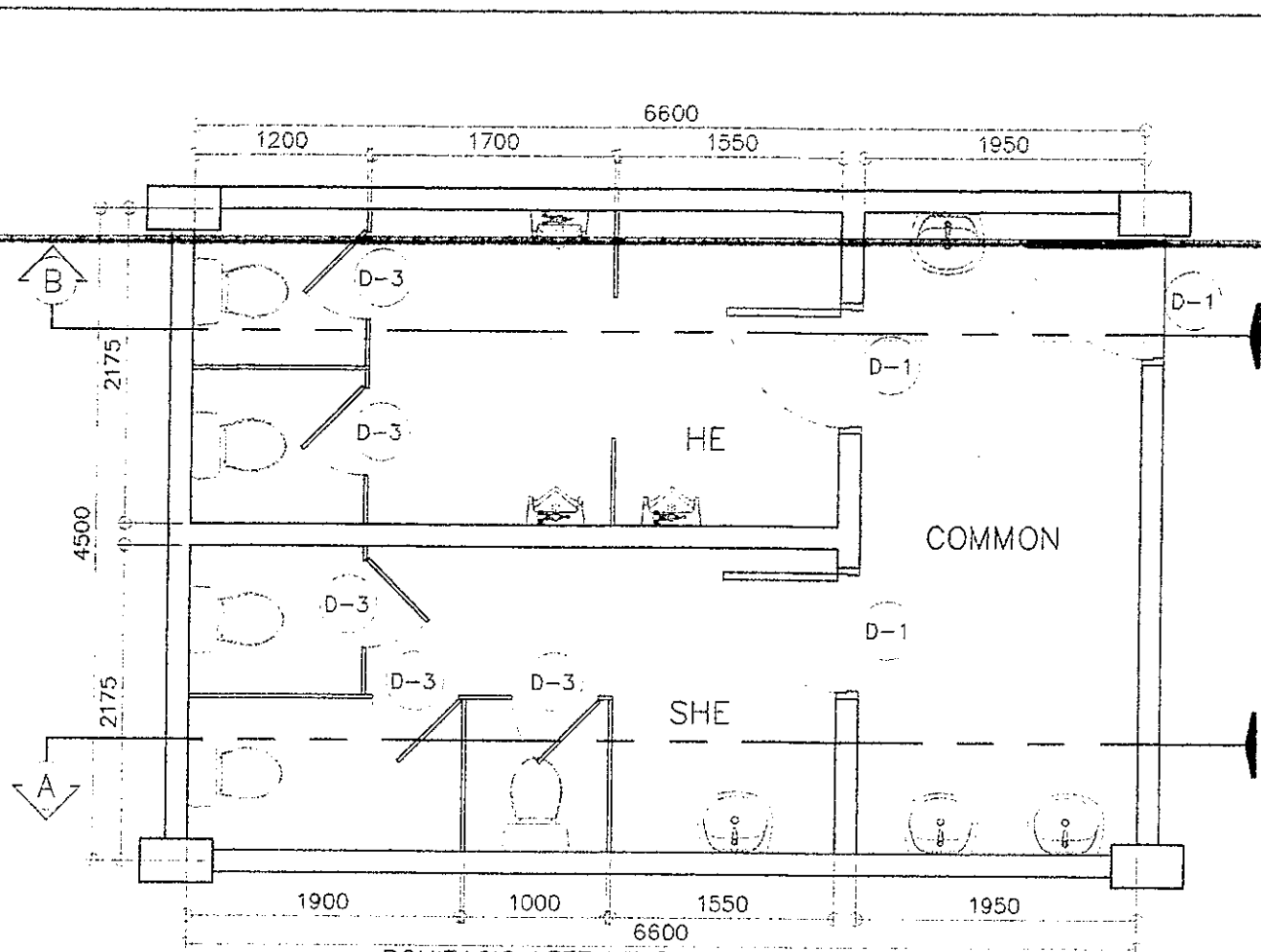


LEFT WING - GF, 3F
4 DEMOLITION PLAN
A-15 SCALE 1 : 50 M

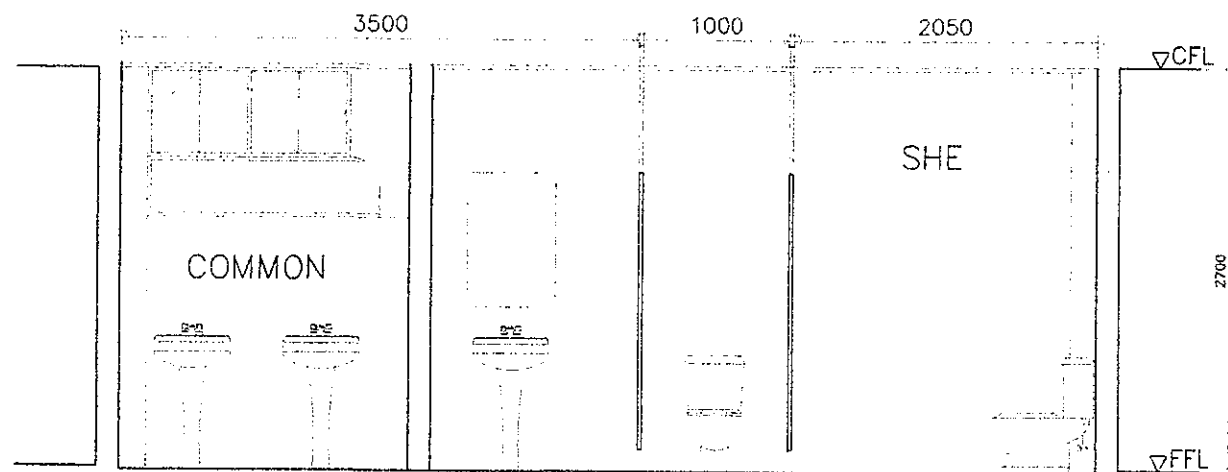
- LEGEND:
- HE: REMOVE/DEMOLISH ALL LAVATORIES, MIRROR, WATER CLOSETS, URINALS, CHB/PHENOLIC BOARD PARTITIONS, DOORS, FLOOR AND WALL TILES, CEILING
 - SHE: REMOVE/DEMOLISH ALL LAVATORIES, MIRROR, WATER CLOSETS, PHENOLIC BOARD PARTITIONS, DOORS, FLOOR AND WALL TILES, CEILING

NOTE:
FOR TOILET DEMOLITION NOTES, REFER TO SHEET NO. A-10

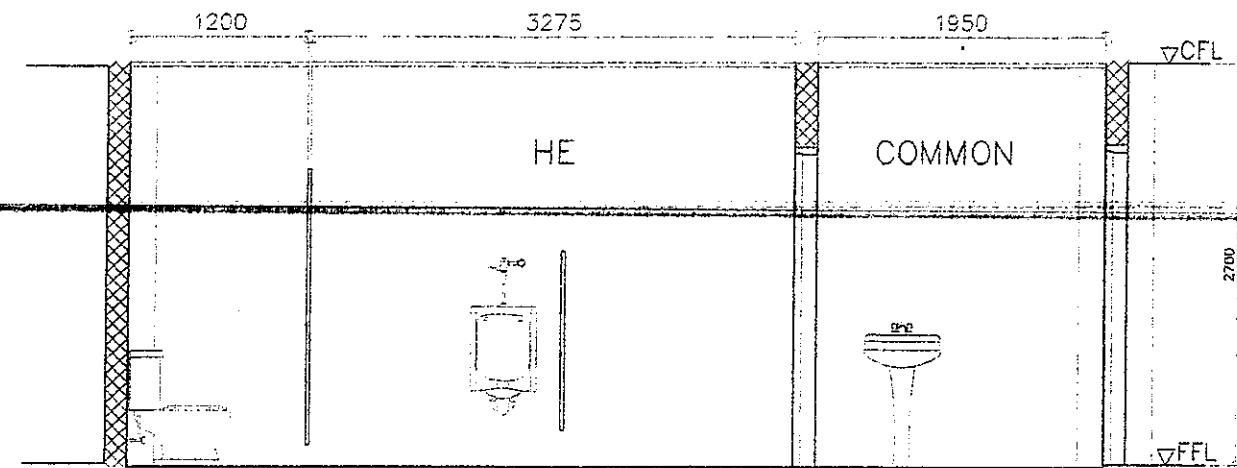
<p>DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MERRILL AVENUE, PASIG CITY</p>	DRAWN BY: CAMILLE RAPOSA/RECHELE PORMILDA ARCHITECT ETD-DepED	CHECKED BY: JET RAYMOND G. ALABARA POO I/ARCHITECT ETD-DepED	RECOMMENDING APPROVAL: ANNABELLE R. PANGAN CHIEF, ETD DepED	RECOMMENDING APPROVAL: ROBERT M. AGUSTIN DIRECTOR IV ADMINISTRATIVE SERVICE	APPROVED BY: NOLASCO A. MAMPIN UNDERSECRETARY FOR ADMINISTRATION DepED	PROJECT TITLE: REPAIR/REHABILITATION OF VARIOUS DEPED CENTRAL OFFICE BUILDINGS -BONIFACIO TOILETS	PROJECT CODE: 	OWNER: DEPARTMENT OF EDUCATION DepED	SHEET NO.: A-15 24
	LOCATION: 						SHEET CONTENTS: LEFT WING GF, 3F TOILETS AS-BUILT FLOOR PLAN, ELEVATION/SECTIONS, DEMOLITION PLAN		



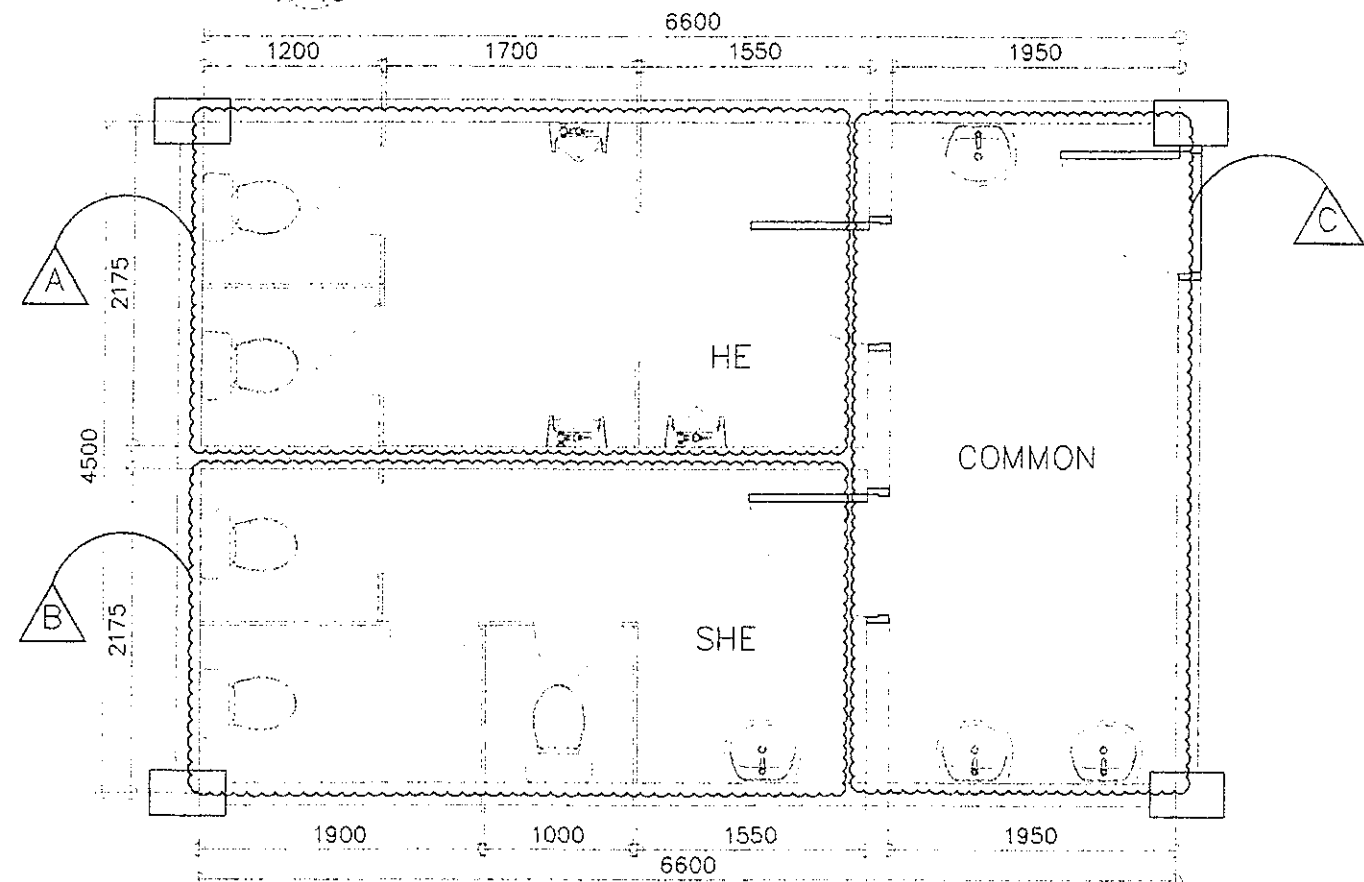
BONIFACIO LEFT WING - 5F
1 5F TOILETS - AS BUILT
A-16 SCALE 1 : 50 M



BONIFACIO LEFT WING - 5F
2 SHE TOILET - AS BUILT
A-16 SCALE 1 : 50 M



BONIFACIO LEFT WING - 5F
3 HE TOILET - AS BUILT
A-16 SCALE 1 : 50 M



LEFT WING TYPICAL TOILET - 5F
4 DEMOLITION PLAN
A-16 SCALE 1 : 50 M

LEGEND:



HE: REMOVE/DEMOLISH ALL WATER CLOSETS, URINALS, PHENOLIC BOARD PARTITIONS, DOORS, FLOOR AND WALL TILES, CEILING



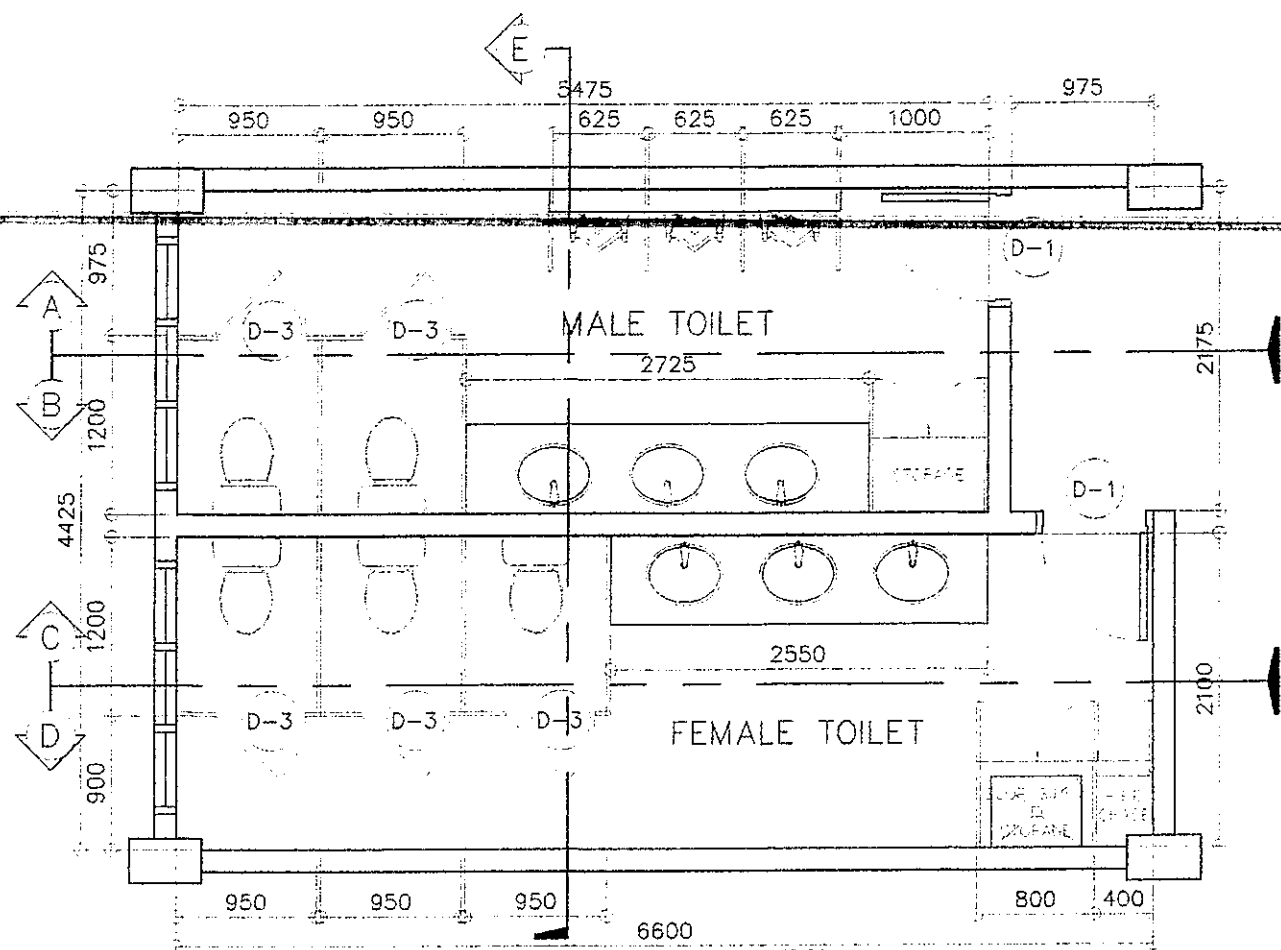
SHE: REMOVE/DEMOLISH LAVATORY, WATER CLOSETS, PHENOLIC BOARD PARTITIONS, DOORS, FLOOR AND WALL TILES, CEILING



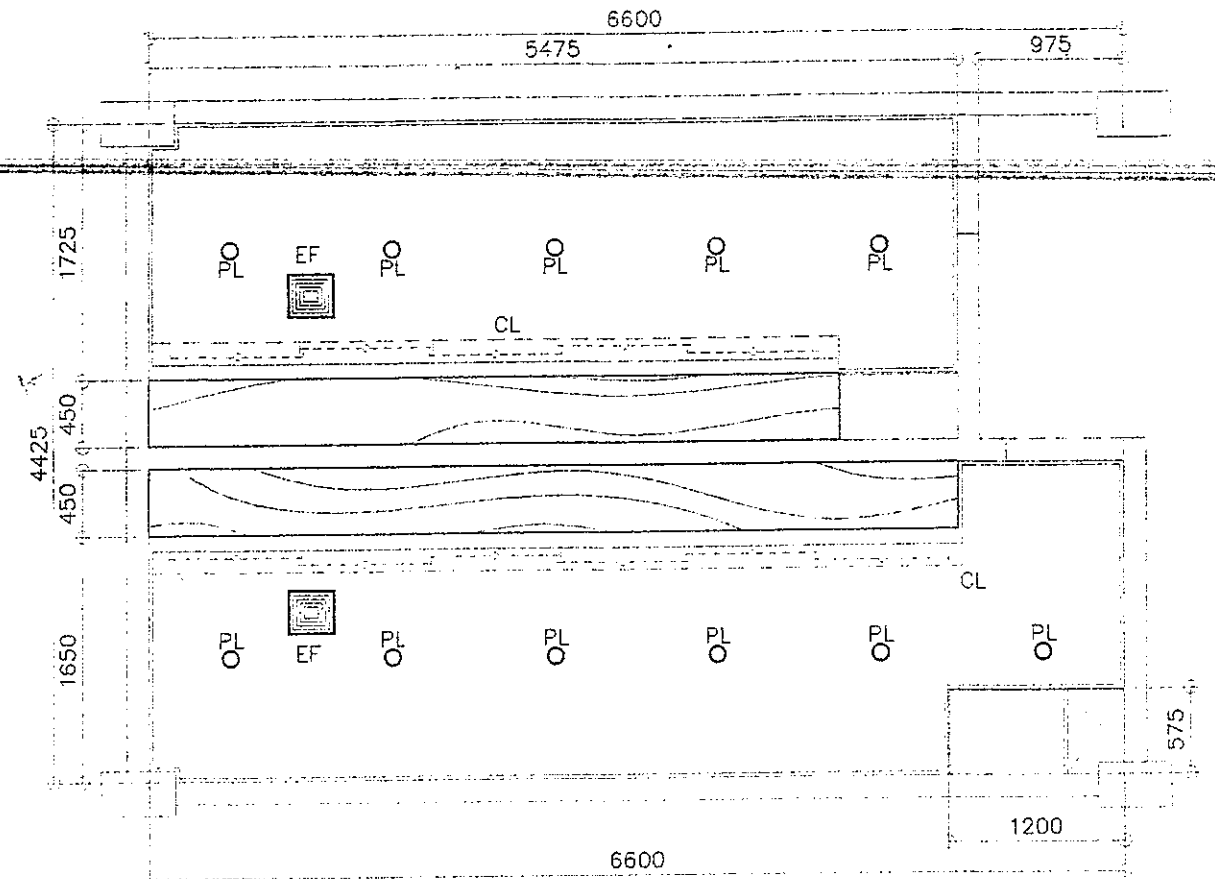
COMMON: DEMOLISH REAR WALL AS SHOWN; REMOVE LAVATORIES DOOR, FLOOR AND WALL TILES, CEILING

NOTE:
FOR TOILET DEMOLITION NOTES, REFER TO SHEET NO. A-10

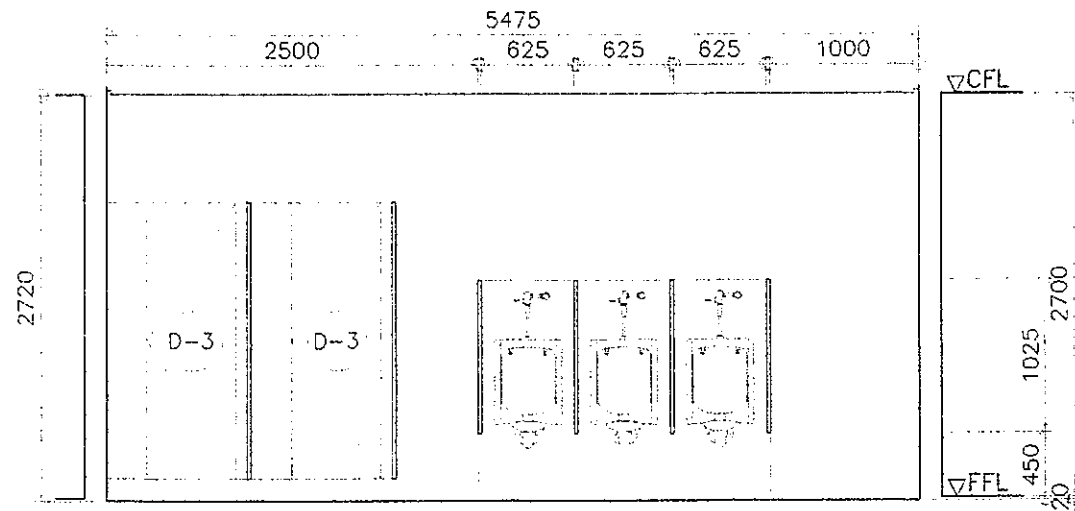
<p>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MEKALYO AVENUE PANGSIC CITY</p>	<p>DRAWN BY: CAMILLE RAPOS / REICHELLE FORMILDA ARCHITECT EPD-DepED</p>	<p>CHECKED BY: JET RAYMOND G. ALABADO POD / ARCHITECT EPD-DepED</p>	<p>RECOMMENDING APPROVAL: ANNABELLE R. PANGAN CHIEF, ETD DepED</p>	<p>RECOMMENDING APPROVAL: ROBERT M. AGUSTIN DIRECTOR IV ADMINISTRATIVE SERVICE A</p>	<p>APPROVED BY: NOLARCO A. MEMPIN SECRETARY FOR ADMINISTRATION DepED</p>	<p>PROJECT TITLE: REPAIR/REHABILITATION OF VARIOUS DEPED CENTRAL OFFICE BUILDINGS -BONIFACIO TOILETS</p>	<p>PROJECT CODE:</p>	<p>OWNER: DEPARTMENT OF EDUCATION DepED</p>	<p>SHEET NO: A-16 24</p>
	<p>SHEET CONTENTS: LEFT WING 5F TOILETS AS-BUILT FLOOR PLAN, ELEVATION/SECTIONS, DEMOLITION PLAN</p>								



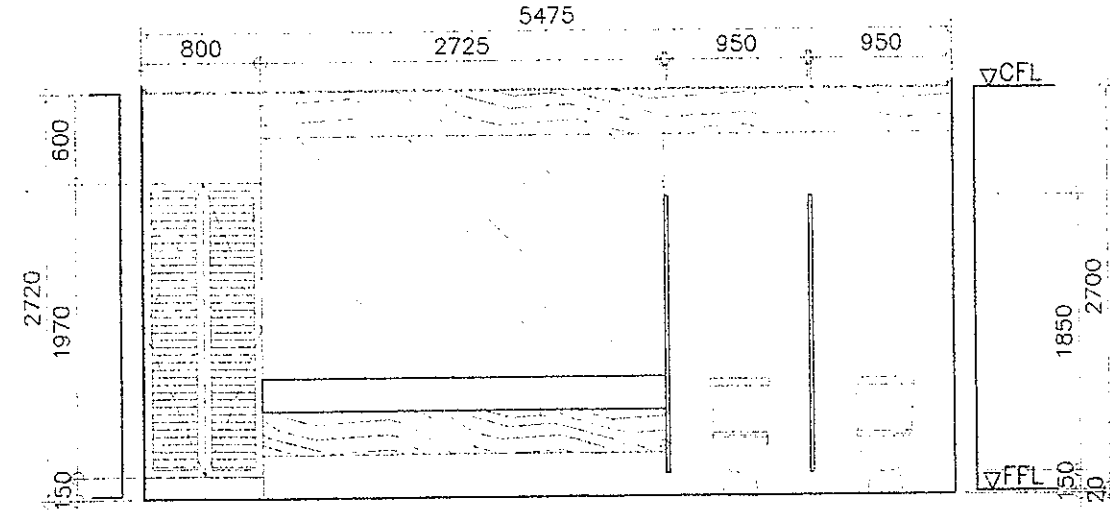
1 TYPICAL FLOOR PLAN
A-17 SCALE 1 : 50 M



2 TYPICAL REFLECTED CEILING PLAN
A-17 SCALE 1 : 50 M

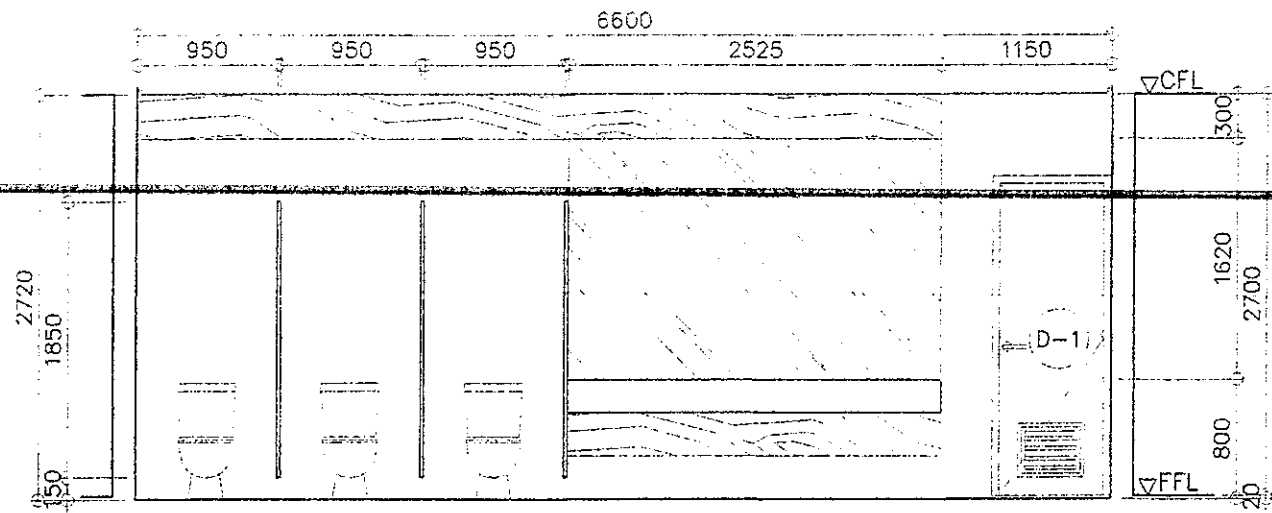


3 TYP ELEVATION SECTION
A-17 SCALE 1 : 50 M

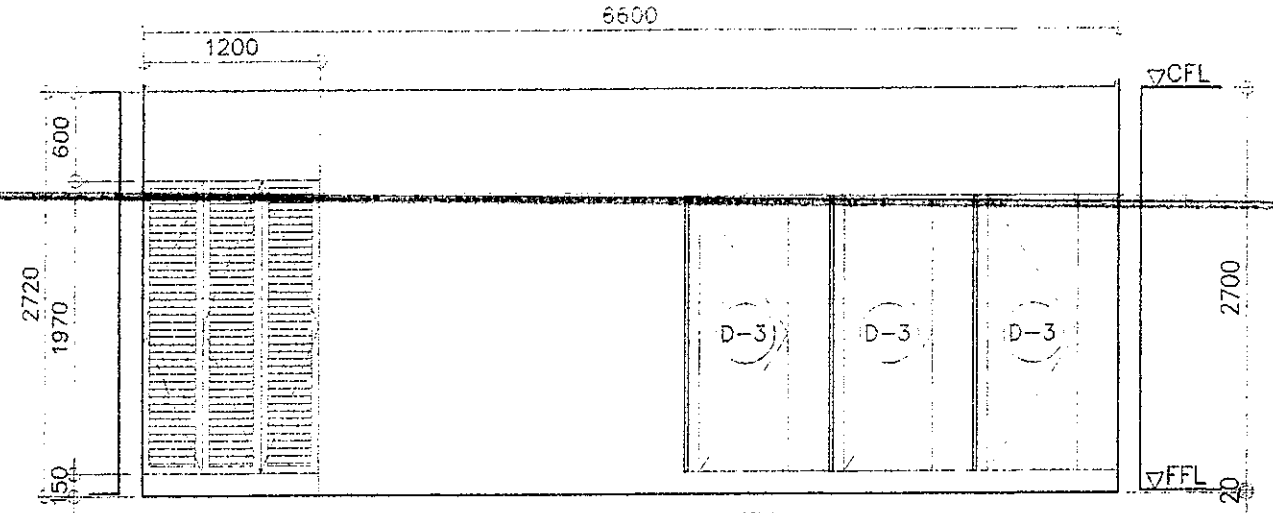


4 TYP ELEVATION SECTION
A-17 SCALE 1 : 50 M

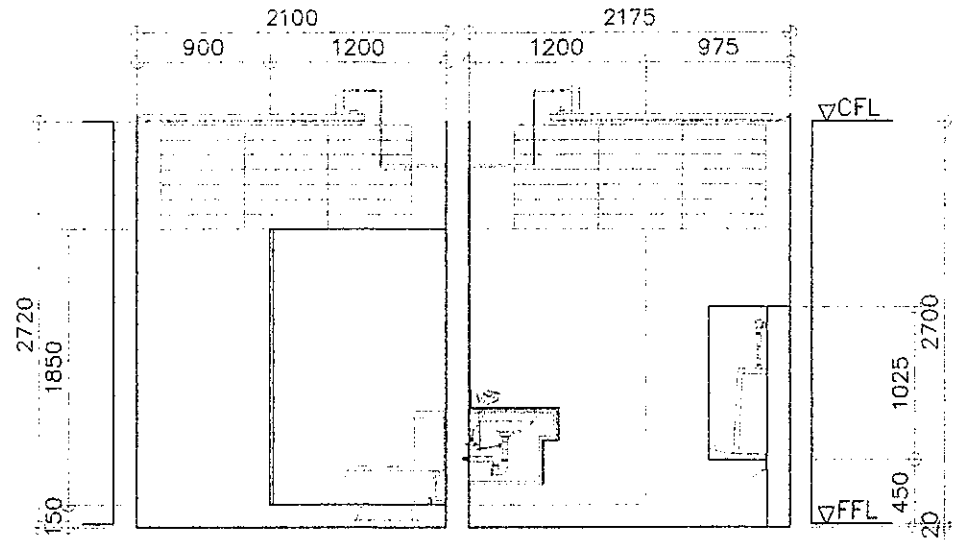
REPUBLIC OF THE PHILIPPINES DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MERALCO AVENUE LASID CITY	DRAWN BY : CAMILLE RAPOSA/RECHELLE PORNILDA ARCHITECT EFD-DepED	CHECKED BY : JET DIAMOND G. ALABASO POO I/ARCHITECT EFD-DepED	RECOMMENDING APPROVAL : ANNABELLE R. PANGAN CHIEF, EFD DepED	RECOMMENDING APPROVAL : ROBERT M. AGUSTIN DIRECTOR IV ADMINISTRATIVE SERVICE	APPROVED BY : NORASCO A. MEMPO UNDERSECRETARY FOR ADMINISTRATION DepED	PROJECT TITLE : REPAIR/REHABILITATION OF VARIOUS DEPED CENTRAL OFFICE BUILDINGS -BONIFACIO TOILETS	PROJECT CODE :	OWNER : DEPARTMENT OF EDUCATION DepED	SHEET NO : A-17 24
	SHEET CONTENTS : LEFT WING GF, 3F, 5F TOILETS FLOOR PLAN, REFLECTED CEILING PLAN, ELEVATION/SECTIONS						LOCATION :		



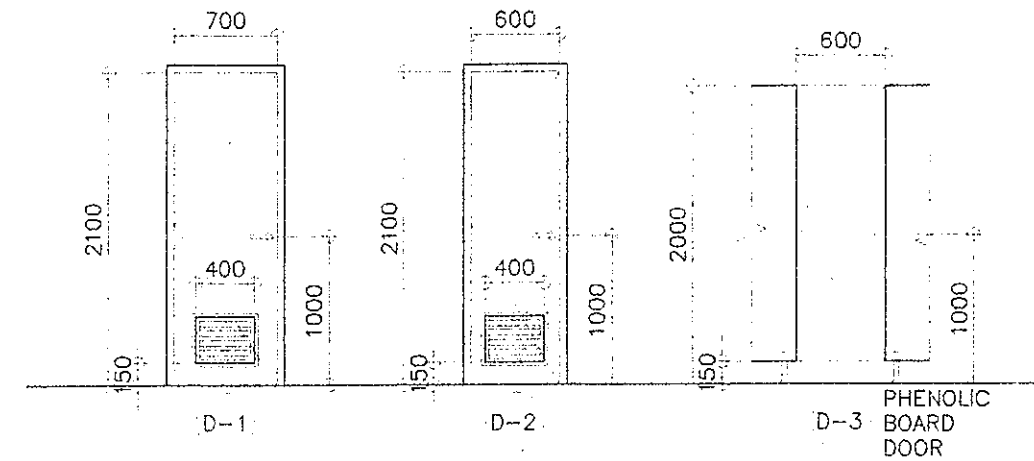
LEFT WING GF, 3F, 5F TOILETS
 1 TYP ELEVATION SECTION
 A-18 SCALE 1 : 50 M



LEFT WING GF, 3F, 5F TOILETS
 2 TYP ELEVATION SECTION
 A-18 SCALE 1 : 50 M



LEFT WING GF, 3F, 5F TOILETS
 3 TYP ELEVATION SECTION
 A-18 SCALE 1 : 50 M



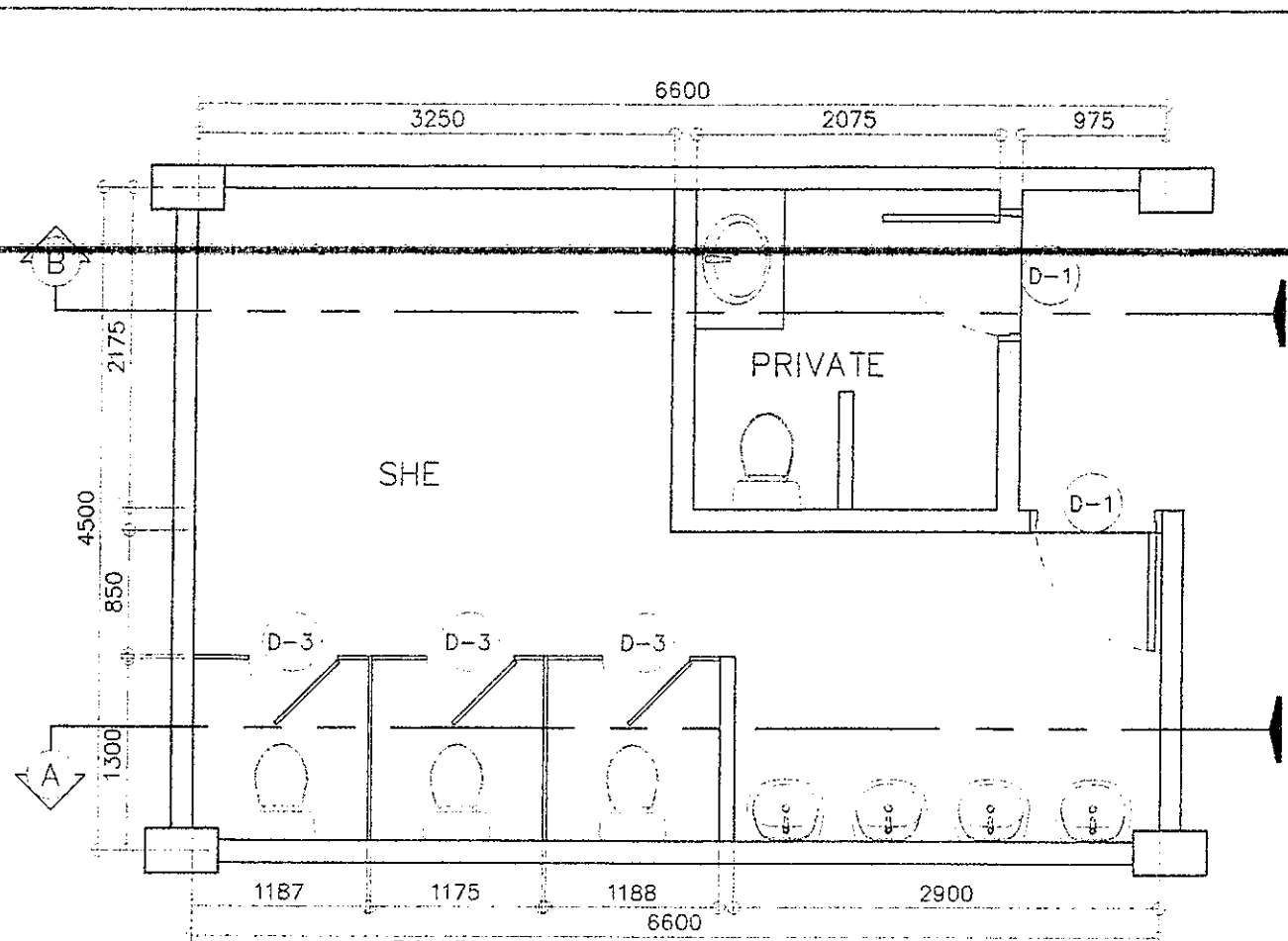
DOOR & HARDWARES

1. 1-HR. FIRE RATING METAL DOOR (LAQUER FINISH)
2. 4-PCS. (SS) DOOR HINGES
3. DOOR CLOSER
4. LEVER TYPE LOCKSET
5. DOOR STOPPER

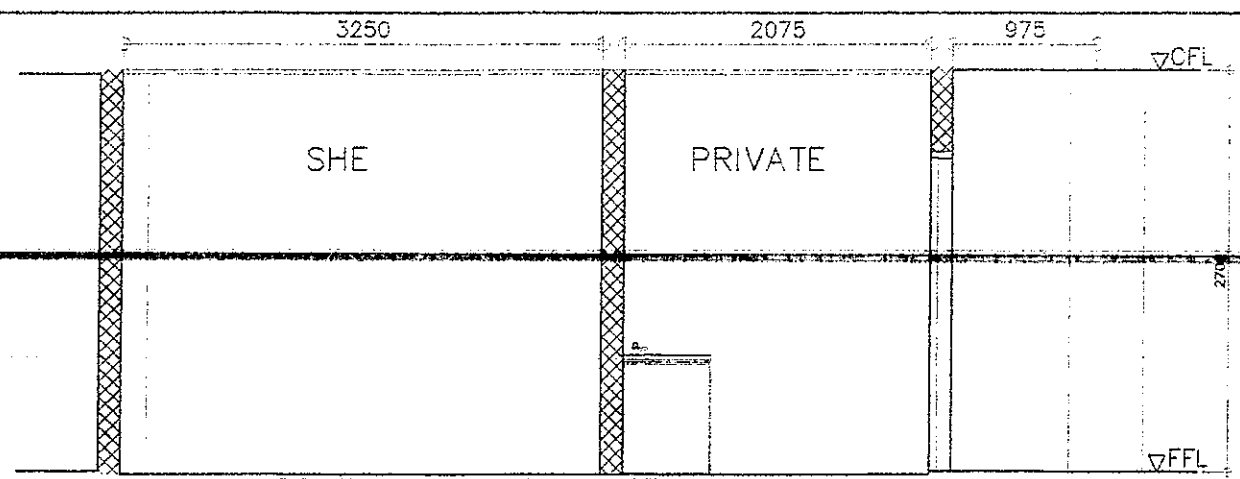
DOOR & HARDWARE SPECS.

- ◎ DOOR LOCKSET
 - LEVER TYPE
 - SATIN STAINLESS STEEL FINISH
 - FITS DOOR THICKNESS OF (1-3/8"~ 1-3/4")
 - KEYED ENTRY
- ◎ STAINLESS STEEL FULL MORTISE BUTT HINGE
 - SIZE (3"-1/2 x 3"x 1/2)
 - SATIN STAINLESS STEEL FINISH
- ◎ SURFACE MOUNTED DOOR CLOSER W/ UL OR EC CERTIFICATE
- ◎ DOOR STOPPER
 - (HALF MOON FLOOR-MOUNT DOOR STOP-BRUSHED STAINLESS STEEL FINISH)
 - (STAINLESS STEEL DOOR STOP WALL MOUNT BRUSHED FINISH)

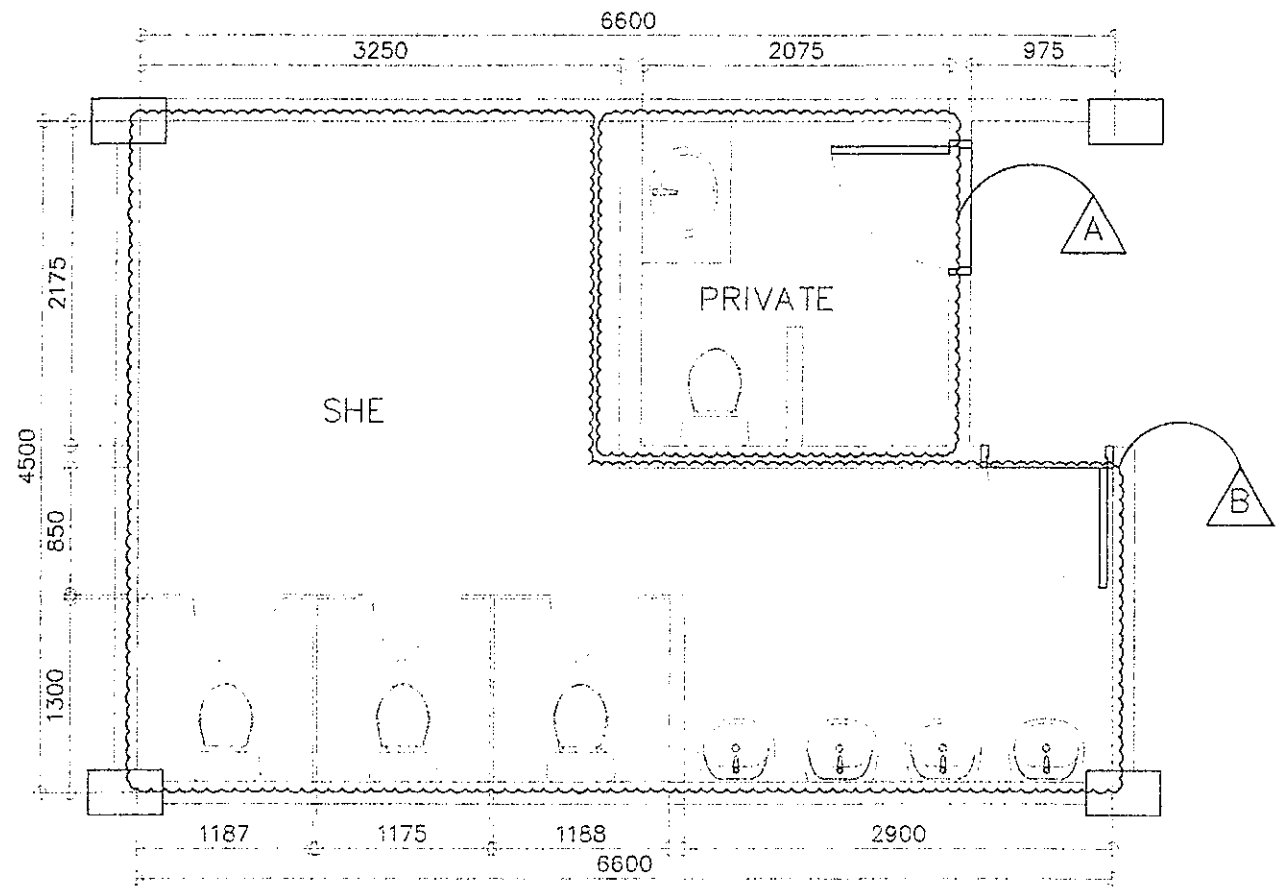
<p>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MERALCO AVENUE PASIG CITY</p>	DRAWN BY: CAMILLE RAPOSA/REICHELLE PORMILDA ARCHITECT EFD-DepED	CHECKED BY: JET RAYMOND G. ALABASO PDD I/ARCHITECT EFD-DepED	RECOMMENDING APPROVAL: ANNABELLE R. PANGAN CHIEF, EFD DepED	RECOMMENDING APPROVAL: ROBERT M. AGUSTIN DIRECTOR IV ADMINISTRATIVE SERVICE	APPROVED BY: NOLASCO A. NEMPIN UNDERSECRETARY FOR ADMINISTRATION DepED	PROJECT TITLE: REPAIR/REHABILITATION OF VARIOUS DEPED CENTRAL OFFICE BUILDINGS -BONIFACIO TOILETS	PROJECT CODE: 	OWNER: DEPARTMENT OF EDUCATION DepED	SHEET NO.: A-18 24
	LOCATION: LEFT WING GF, 3F, 5F TOILETS ELEVATION/SECTIONS, DOOR SCHEDULE								



BONIFACIO LEFT WING
1 2F TOILETS - AS BUILT
A-19 SCALE 1 : 50 M





BONIFACIO LEFT WING - 2F
3 PRIVATE AND SHE TOILET - AS BUILT
A-19 SCALE 1 : 50 M


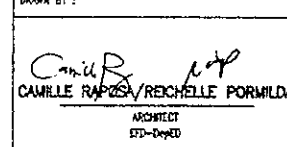
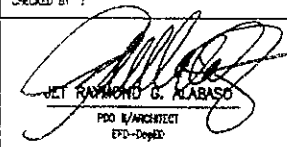
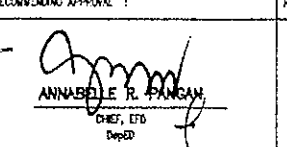
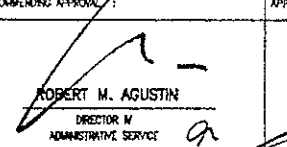
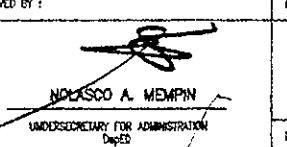


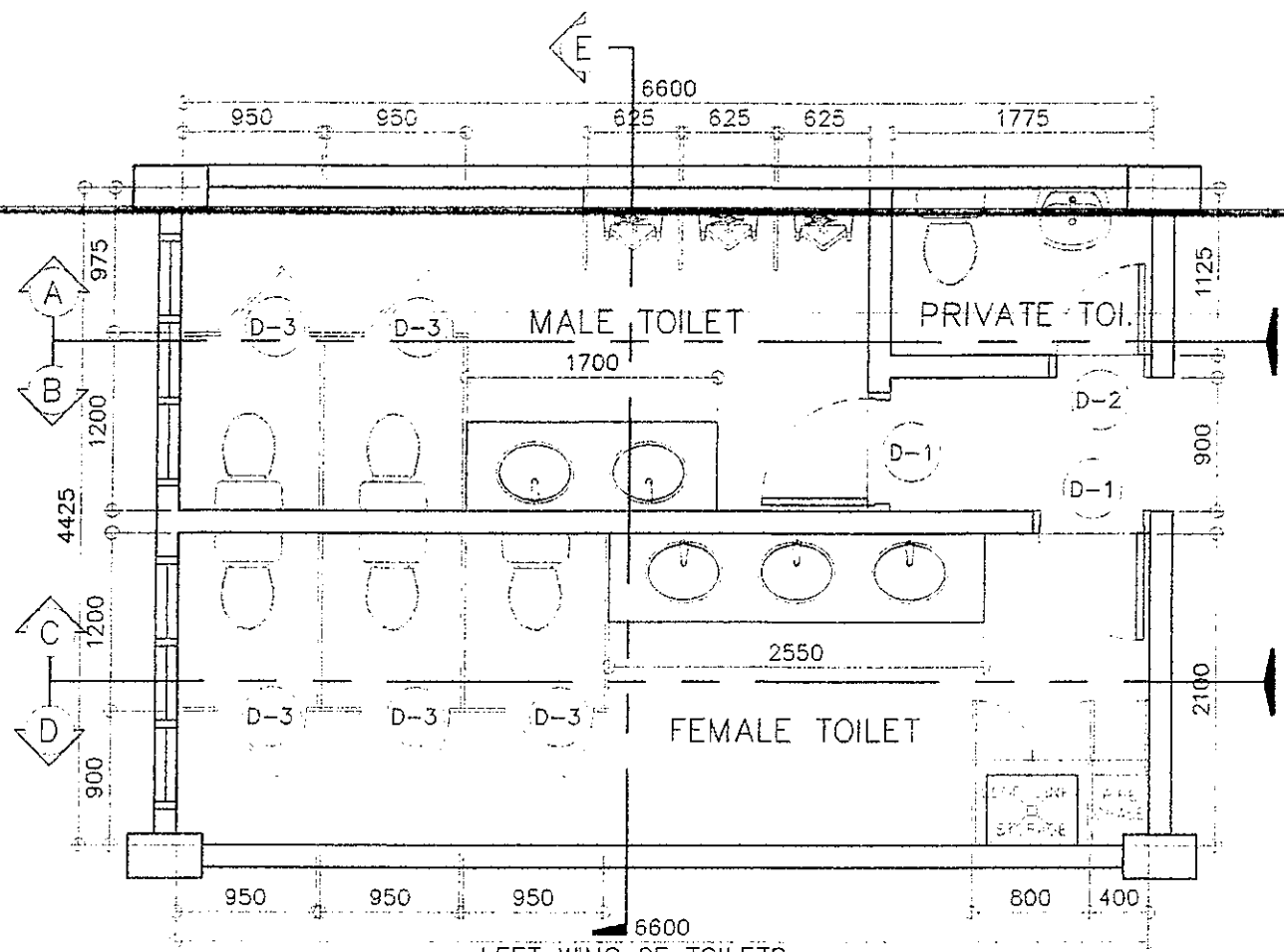
LEFT WING TYPICAL TOILET - 2F
4 DEMOLITION PLAN
A-19 SCALE 1 : 50 M

LEGEND:

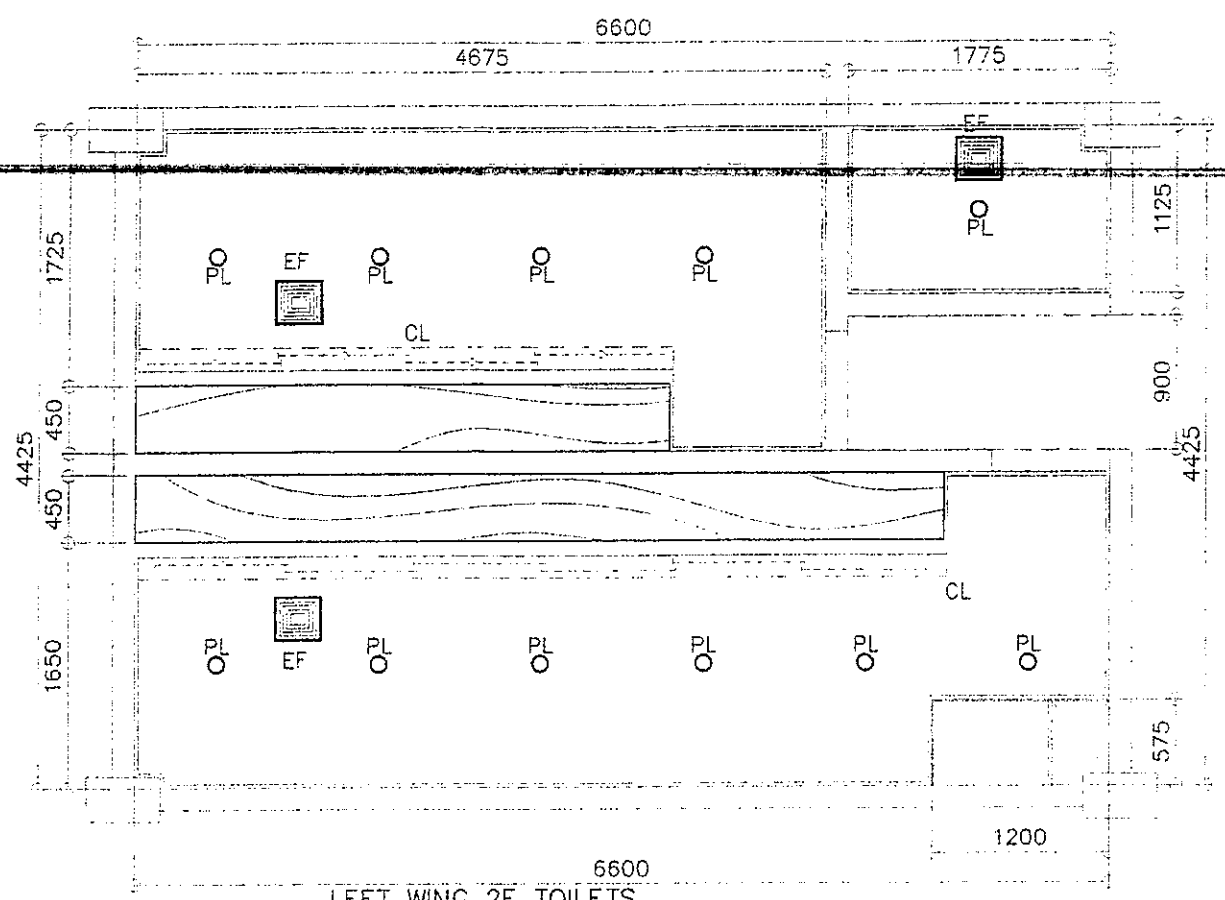
-  PRIVATE: DEMOLISH REAR WALL; REMOVE LAVATORY, COUNTER/CABINET, MIRROR, WATER CLOSET, DOOR, FLOOR AND WALL TILES, CEILING
-  SHE: REMOVE/DEMOLISH ALL LAVATORIES, MIRROR, WATER CLOSETS, CUBICLE PARTITIONS, DOORS, FLOOR AND WALL TILES, CEILING

NOTE:
FOR TOILET DEMOLITION NOTES, REFER TO SHEET NO. A-10

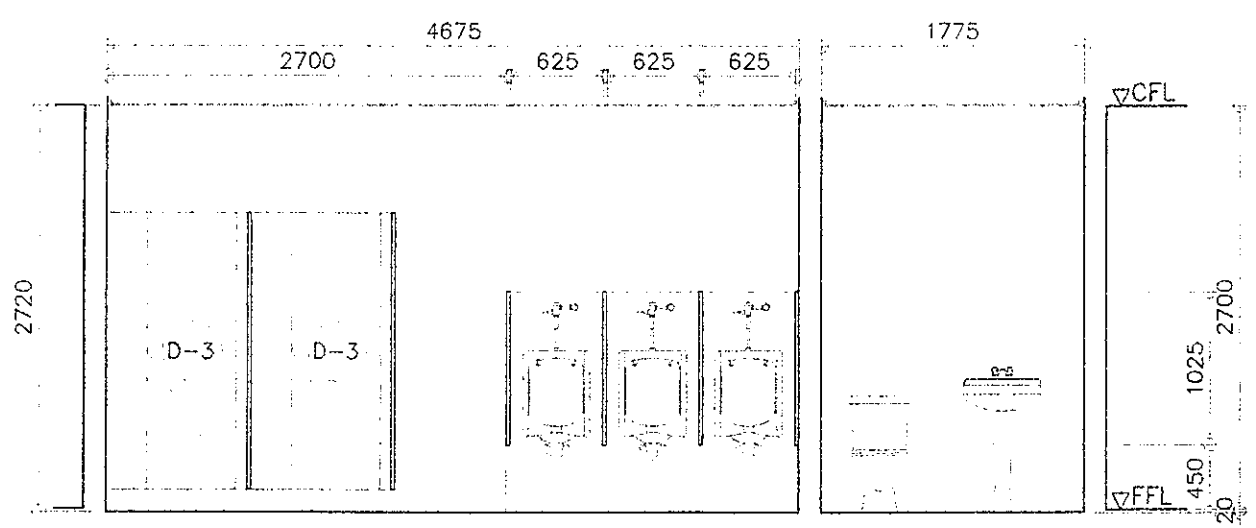
 <p>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MERALCO AVENUE PASIG CITY</p>	DRAWN BY:  CAMILLE RAPOSA / RECHELLE PORWILDA ARCHITECT EPD-DepED	CHECKED BY:  JET RAYMOND G. ALABASO PDD I/ARCHITECT EPD-DepED	RECOMMENDING APPROVAL:  ANNABELLE R. PANGAN CHIEF, EPD DepED	RECOMMENDING APPROVAL:  ROBERT M. AGUSTIN DIRECTOR IV ADMINISTRATIVE SERVICE DepED	APPROVED BY:  NOLASCO A. MEMPIN UNDERSECRETARY FOR ADMINISTRATION DepED	PROJECT TITLE: REPAIR/REHABILITATION OF VARIOUS DEPED CENTRAL OFFICE BUILDINGS -BONIFACIO TOILETS LOCATION:	PROJECT CODE: OWNER: DEPARTMENT OF EDUCATION DepED	SHEET NO.: A-19 SHEET CONTENTS: LEFT WING 2F TOILETS AS-BUILT FLOOR PLAN, ELEVATION/SECTIONS, DEMOLITION PLAN
	24							



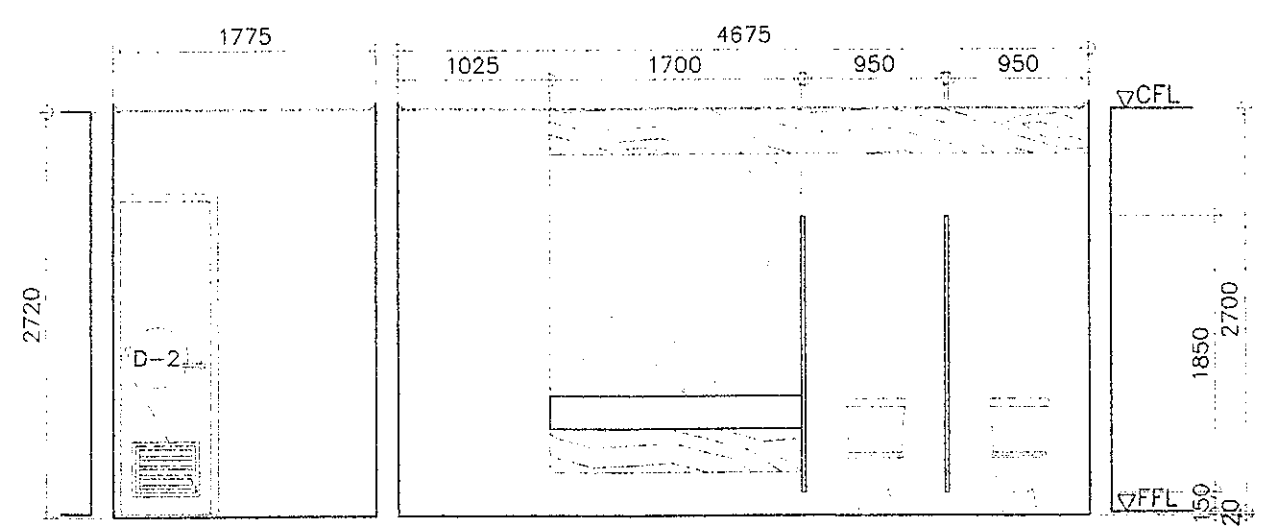
LEFT WING 2F TOILETS
1 FLOOR PLAN
A-20 SCALE 1 : 50 M





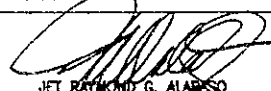



LEFT WING 2F TOILETS
2 REFLECTED CEILING PLAN
A-20 SCALE 1 : 50 M

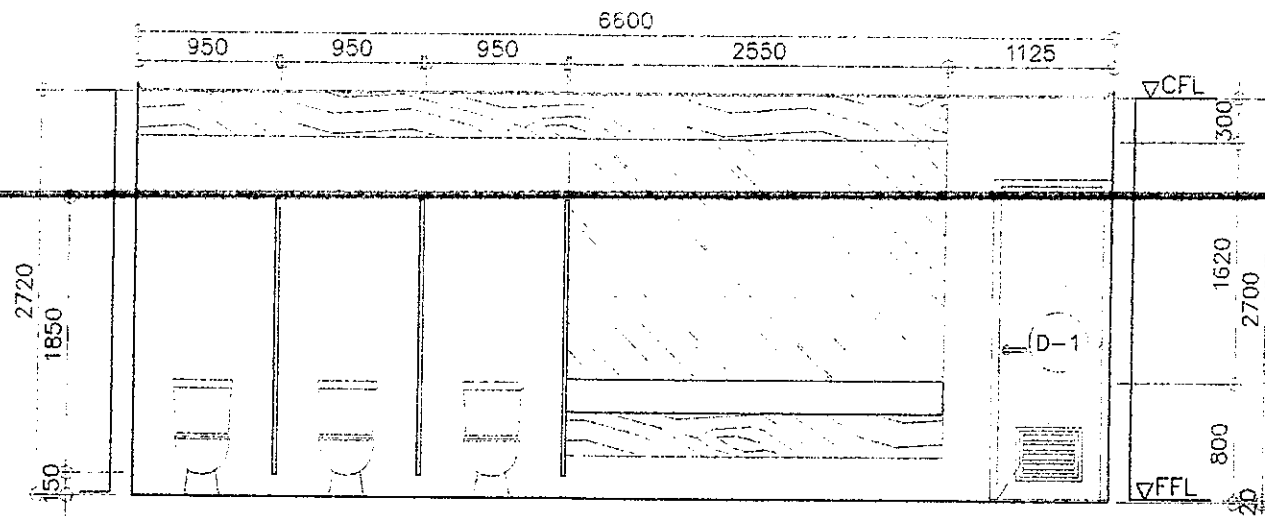


LEFT WING 2F TOILETS
3 TYP ELEVATION SECTION
A-20 SCALE 1 : 50 M

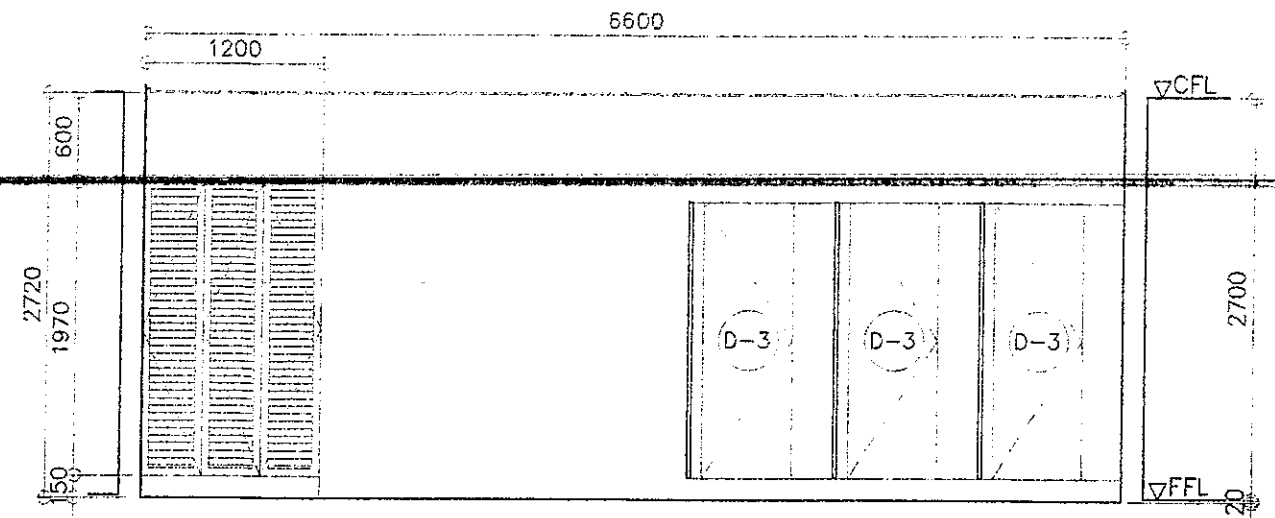


LEFT WING 2F TOILETS
4 TYP ELEVATION SECTION
A-20 SCALE 1 : 50 M

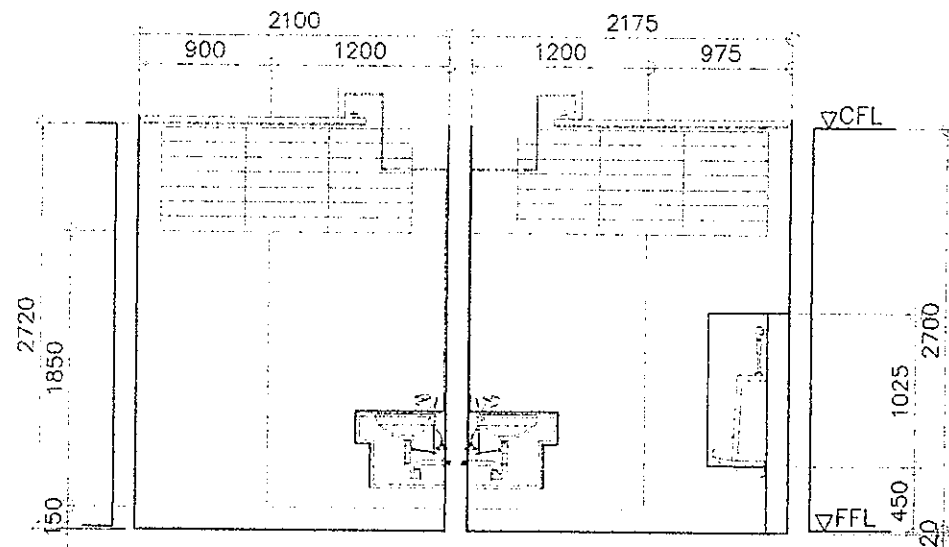
 DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MERALCO AVENUE PASIG CITY	DRAWN BY:  CAMILLE RAPOSA/RECHELLE FORMILDA ARCHITECT DT-DepED	CHECKED BY:  JET RAYMOND G. ALARICO POO I/ARCHITECT ETD-DepED	RECOMMENDING APPROVAL:  ANNABELLE R. FANGAN CHIEF, ETD DepED	RECOMMENDING APPROVAL:  ROBERT M. AGUSTIN DIRECTOR IN ADMINISTRATIVE SERVICE	APPROVED BY:  NICOLAS A. MEMPIN UNDERSECRETARY FOR ADMINISTRATION DepED	PROJECT TITLE: REPAIR/REHABILITATION OF VARIOUS DEPED CENTRAL OFFICE BUILDINGS -BONIFACIO TOILETS LOCATION:	PROJECT CODE: OWNER:	DEPARTMENT OF EDUCATION DepED SHEET CONTENTS: LEFT WING 2F TOILETS FLOOR PLAN, REFLECTED CEILING PLAN, ELEVATION/SECTIONS	SHEET NO: A-20 24



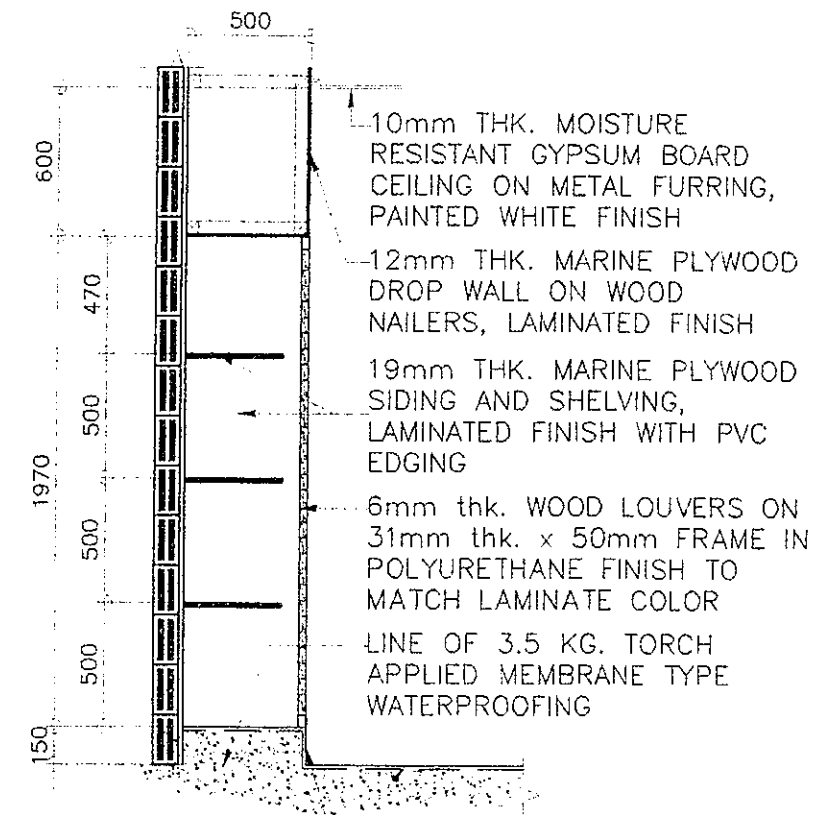
LEFT WING 2F TOILETS
1 TYP ELEVATION SECTION
A-21 SCALE 1 : 50 M



LEFT WING 2F TOILETS
2 TYP ELEVATION SECTION
A-21 SCALE 1 : 50 M



LEFT WING 2F TOILETS
3 TYP ELEVATION SECTION
A-21 SCALE 1 : 50 M

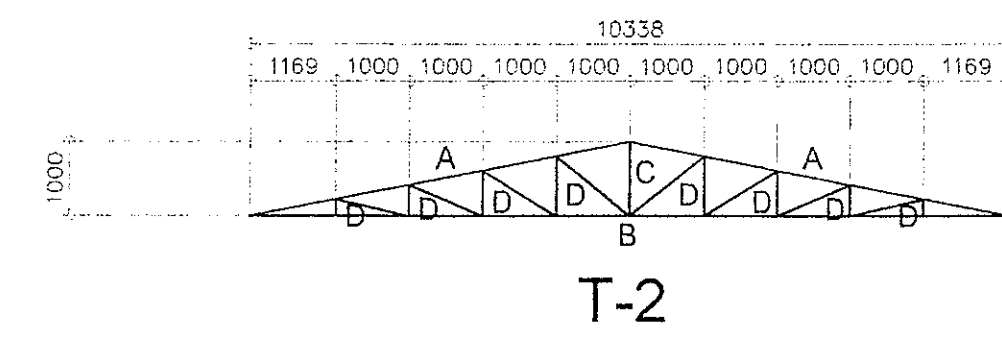
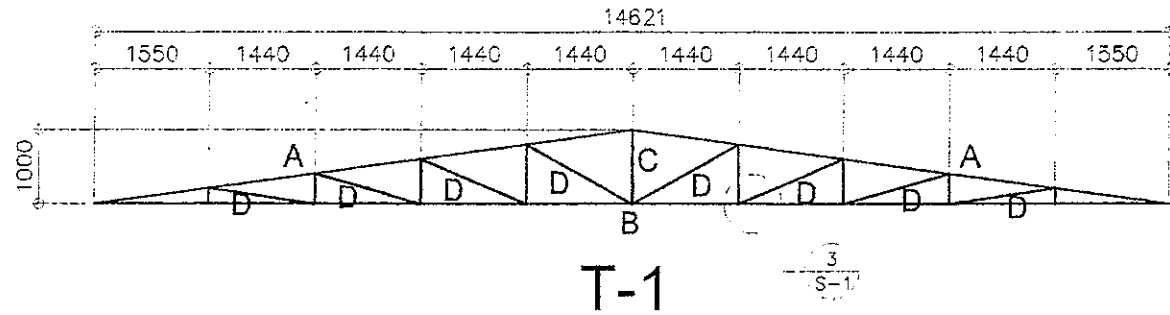


STORAGE CABINET
4 TYPICAL SECTION DETAIL
A-21 SCALE 1 : 30 M
600x600x10mm THK HOMOGENEOUS FLOOR TILES

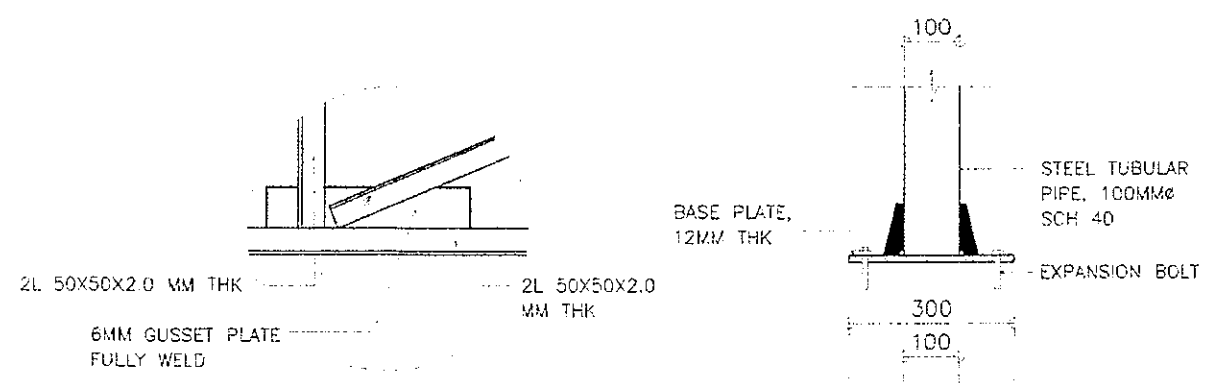
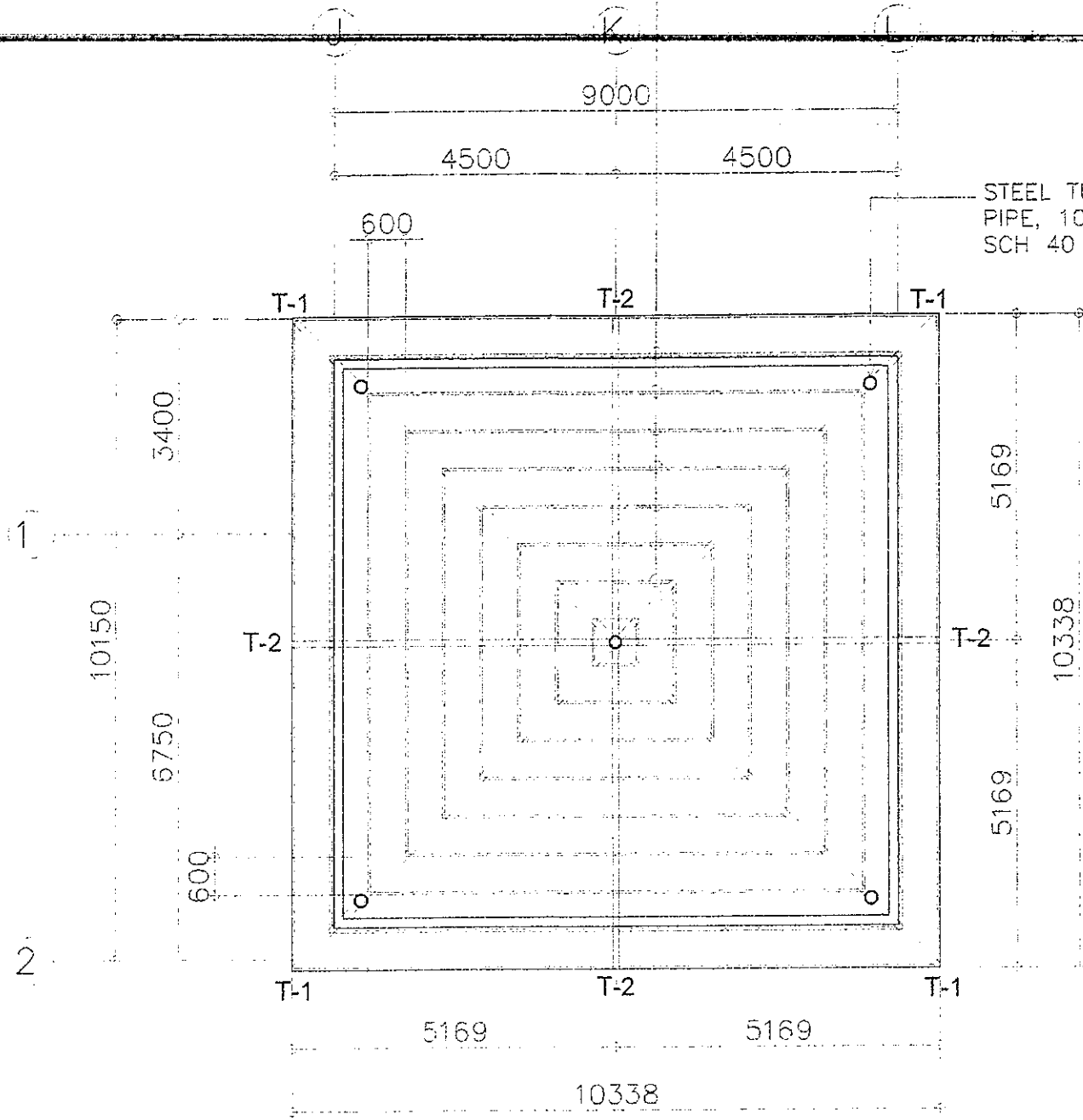
REPUBLIC OF THE PHILIPPINES DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MERALCO AVENUE, LAGUNA CITY	DRAWN BY : CAMILLE RAPOSA / RECHELLE FORMILDA ARCHITECT EFD-DepED	CHECKED BY : JET NAVARRO G. ALABASO PEO / ARCHITECT EFD-DepED	RECOMMENDING APPROVAL : ANNABELLE M. PANGANI CHIEF, EFD DepED	RECOMMENDING APPROVAL : ROBERT M. AGUSTIN DIRECTOR IV ADMINISTRATIVE SERVICE	APPROVED BY : NOLASCO A. MEMPO UNDERSECRETARY FOR ADMINISTRATION DepED	PROJECT TITLE : REPAIR/REHABILITATION OF VARIOUS DEPED CENTRAL OFFICE BUILDINGS -BONIFACIO TOILETS	PROJECT CODES : 	OWNER : DEPARTMENT OF EDUCATION DepED	SHEET NO. : A-21 24
	LOCATION :						SHEET CONTENTS : LEFT WING 2F TOILETS ELEVATION/SECTIONS		

SCHEDULE OF MEMBERS & WELDS					
Mark	Members Size	Thickness mm	Welds		Remarks
			Length mm	L1, L2, L3	
A	2-L50x50x2	2	Full Weld		Top Chord
B	2-L50x50x2	2	Full Weld		Bottom Chord
C	2-L50x50x2	2	Full Weld		King Post
D	2-L50x50x2	2	Full Weld		Diagonal Member

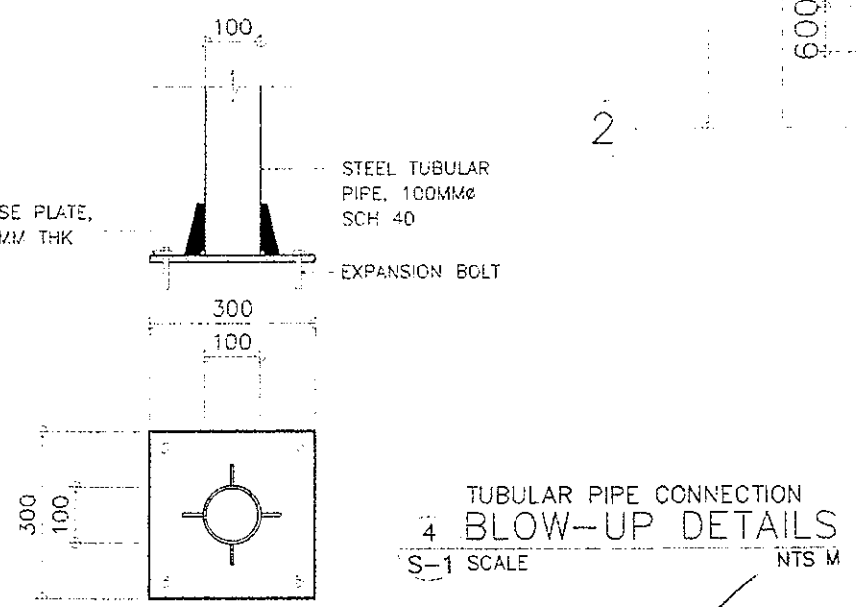
LC 75X38X15X2 MM
SPACED @500MM O.C.



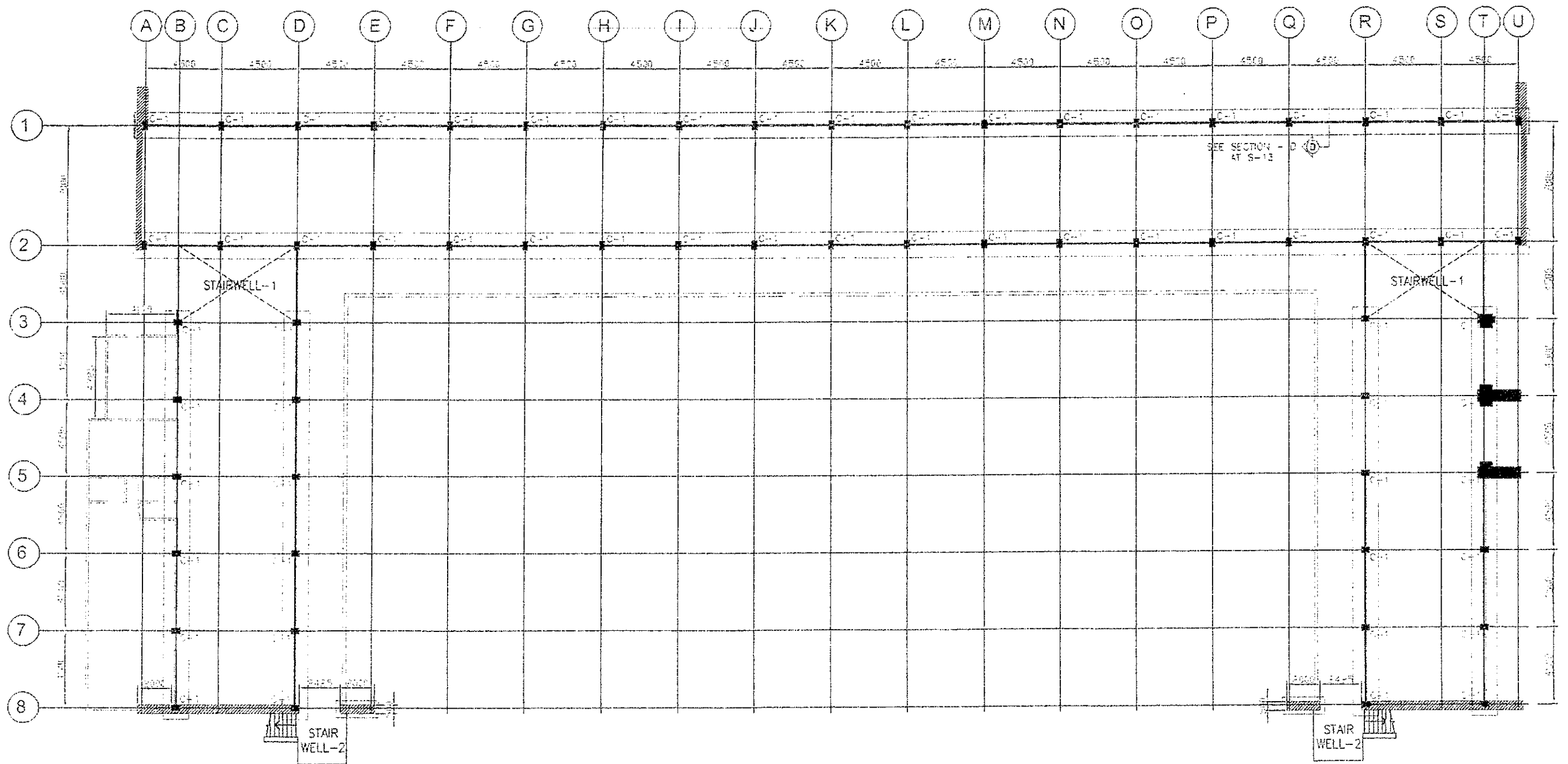
BONIFACIO BUILDING ROOFTOP
1 TRUSS DETAILS
S-1 SCALE 1 : 100 M



3 TRUSS CONNECTION
BLOW-UP DETAILS
S-1 SCALE NTS M



<p>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MIRALDO AVENUE PASIG CITY</p>	DRAWN BY : CAMILLE ANN RAPOSA ARCHITECT EPD-DepED	CHECKED BY : WILFREDO D. ALARCON STRUCTURAL DESIGNER EPD-DepED	RECOMMENDING APPROVAL : ANNABELLE R. PANGAN CHIEF, EPD DepED	RECOMMENDING APPROVAL : ROBERT M. AGUSTIN DIRECTOR OF ADMINISTRATIVE SERVICE	APPROVED BY : NOLASCO A. REMPIN UNDERSECRETARY FOR ADMINISTRATION DepED	PROJECT TITLE : REPAIR/REHABILITATION OF VARIOUS DEPED CENTRAL OFFICE BUILDINGS -BONIFACIO BUILDING LOCATION :	PROJECT CODE :	OWNER : DEPARTMENT OF EDUCATION DepED SHEET CONTENTS : ROOF FRAMING PLAN TRUSS DETAILS BLOW-UP DETAILS	SHEET NO. : S-1 1
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FOUNDATION PLAN

SCALE: 1/8" = 1'-0"

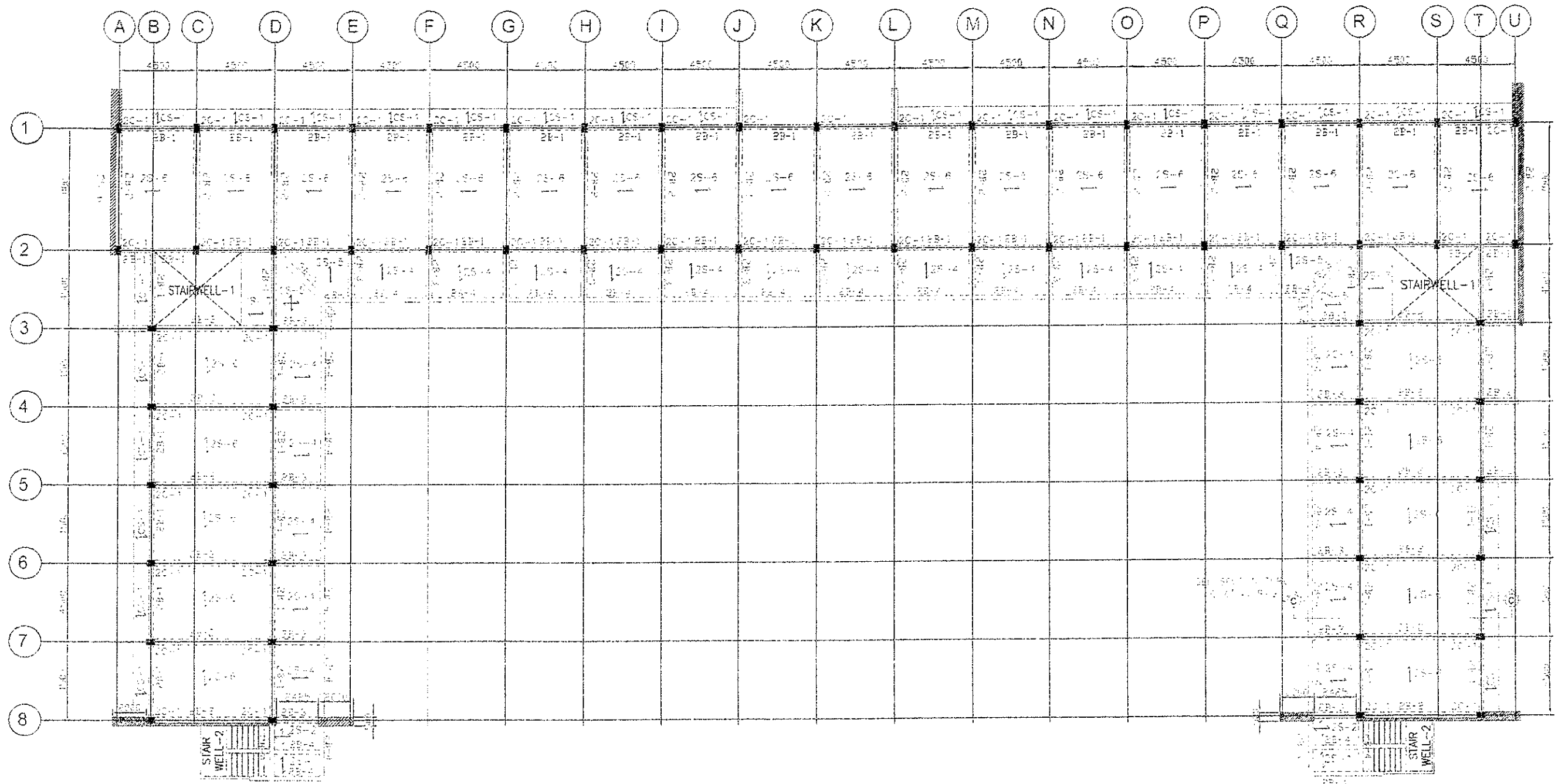


GIBMA Engineering Services
 11000 West 10th Avenue, Suite 100, Denver, CO 80202
 Phone: (303) 751-1100 Fax: (303) 751-1101
 Email: info@gibma.com Website: www.gibma.com

DATE	BY	DESCRIPTION	DESIGNED BY	CHECKED BY	PROJECT TYPE	OWNER
04/11/20	SR/EDB	FOUNDATION PLAN	SR/EDB	SR/EDB	SCHEMATIC/EXHIBIT	DEPARTMENT OF EDUCATION
04/11/20	SR/EDB	FOUNDATION PLAN	SR/EDB	SR/EDB	AS-BUILT	DEPARTMENT OF EDUCATION
04/11/20	SR/EDB	FOUNDATION PLAN	SR/EDB	SR/EDB	FOUNDATION PLAN	DEPARTMENT OF EDUCATION

S - 10

- / -



SECOND FLOOR FRAMING PLAN

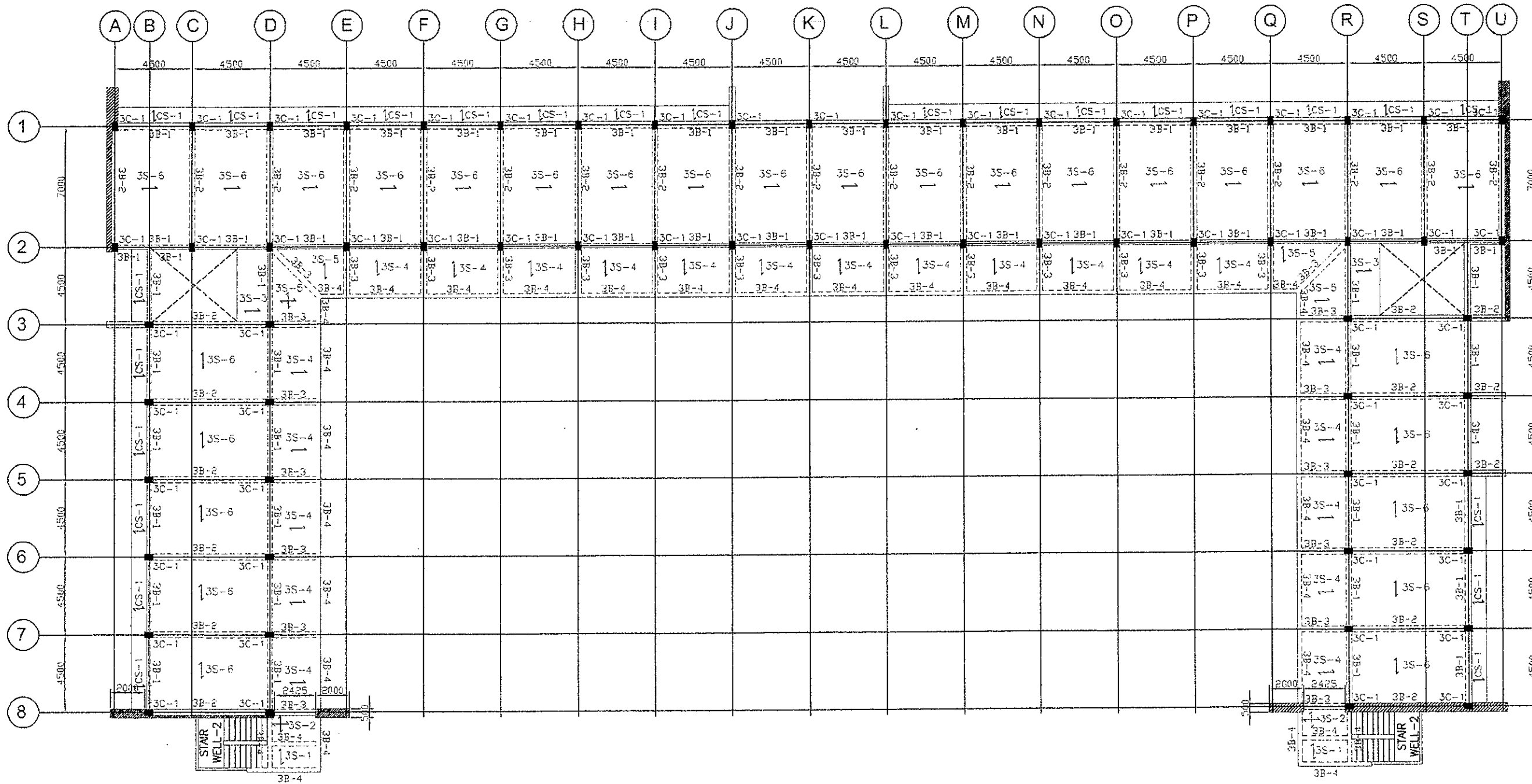
SCALE: 1"=10'



GIBMA Engineering Services

5000 Peachtree Industrial Blvd., Suite 200, Atlanta, GA 30328
 Tel: 404.525.1100 Fax: 404.525.1101
 URL: www.gibma.com

ENGINEER SIGNED (Signature)		PROJECT NO. STRUCTURAL INVESTIGATION & DETAILED ENGINEERING FOR THE REHABILITATION OF BUILDINGS FOR DEPED		CLIENT DEPARTMENT OF EDUCATION		DATE 11/20/11		SHEET NO. 1 OF 1		SHEET TITLE SECOND FLOOR FRAMING PLAN		DRAWING NO. S - 11	
SEC. NO. 101	TITLE 101	REV. NO. 001	REV. DATE 11/20/11	PROJECT NO. 11111	CLIENT DEPARTMENT OF EDUCATION	DATE 11/20/11	SHEET NO. 1 OF 1	SHEET TITLE SECOND FLOOR FRAMING PLAN	DRAWING NO. S - 11	- 1 -			

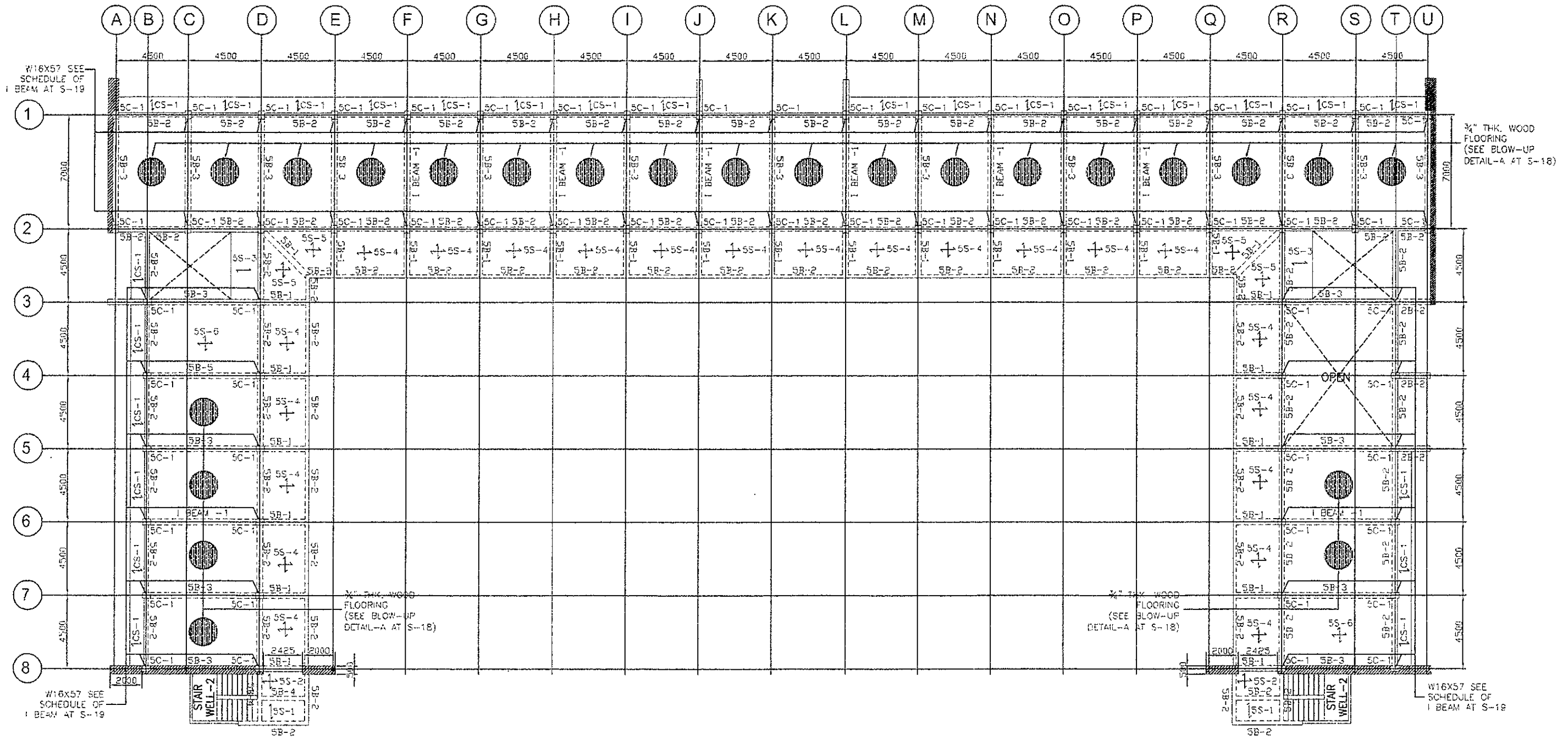


THIRD FLOOR FRAMING PLAN
 S 12 SCALE: 1:150M

GIBMA Engineering Services
 Design Construction Project Management Survey

V3 Kalkasan Street Kuantan Village Phase 2A, Delta Park, Pasig City 1611
 Tel. No.: 622 71 4 Fax. No.: 622 9467 Cellphone No.: 0920 9228441
 URL: www.gibma.com E-mail: gibma2003@yahoo.com

DRAWN / STRUCTURAL ENGINEER	PROJECT TITLE	OWNER	DATE	REVISION	DESCRIPTION	DESIGNED BY	JWC	SHEET CONTENTS	DRAWING NO.
SIGNED <small>GIBRERT B. MACAGUTAN, R. ASBP</small>	STRUCTURAL INVESTIGATION & DETAILED ENGINEERING FOR THE REHABILITATION OF BUILDINGS FOR DEPED	DEPARTMENT OF EDUCATION						EGNIFACIO BUILDINGS (AS-BUILT) THIRD FLOOR FRAMING PLAN	S - 12 SHEET NO. - / -
<small>REG. NO. 05051 PTP NO. 300921</small>	<small>DATE: AUG. 1, 1989 ISSUED ON: JAN. 3, 2010 LOCATION: DEPED COMPLEX MERRAL CO AVENUE PASIG CITY</small>	<small>ADDRESS: DEPED COMPLEX MERRAL CO AVENUE PASIG CITY</small>				<small>DESIGNED BY: JWC</small>	<small>JWC</small>		
<small>TIN: 139-418411 ISSUED AT: PASIG CITY</small>						<small>CHECKED BY: GJM</small>	<small>GJM</small>		
						<small>APPROVED BY:</small>			
						<small>DATE:</small>			



FIFTH FLOOR FRAMING PLAN



SCALE:

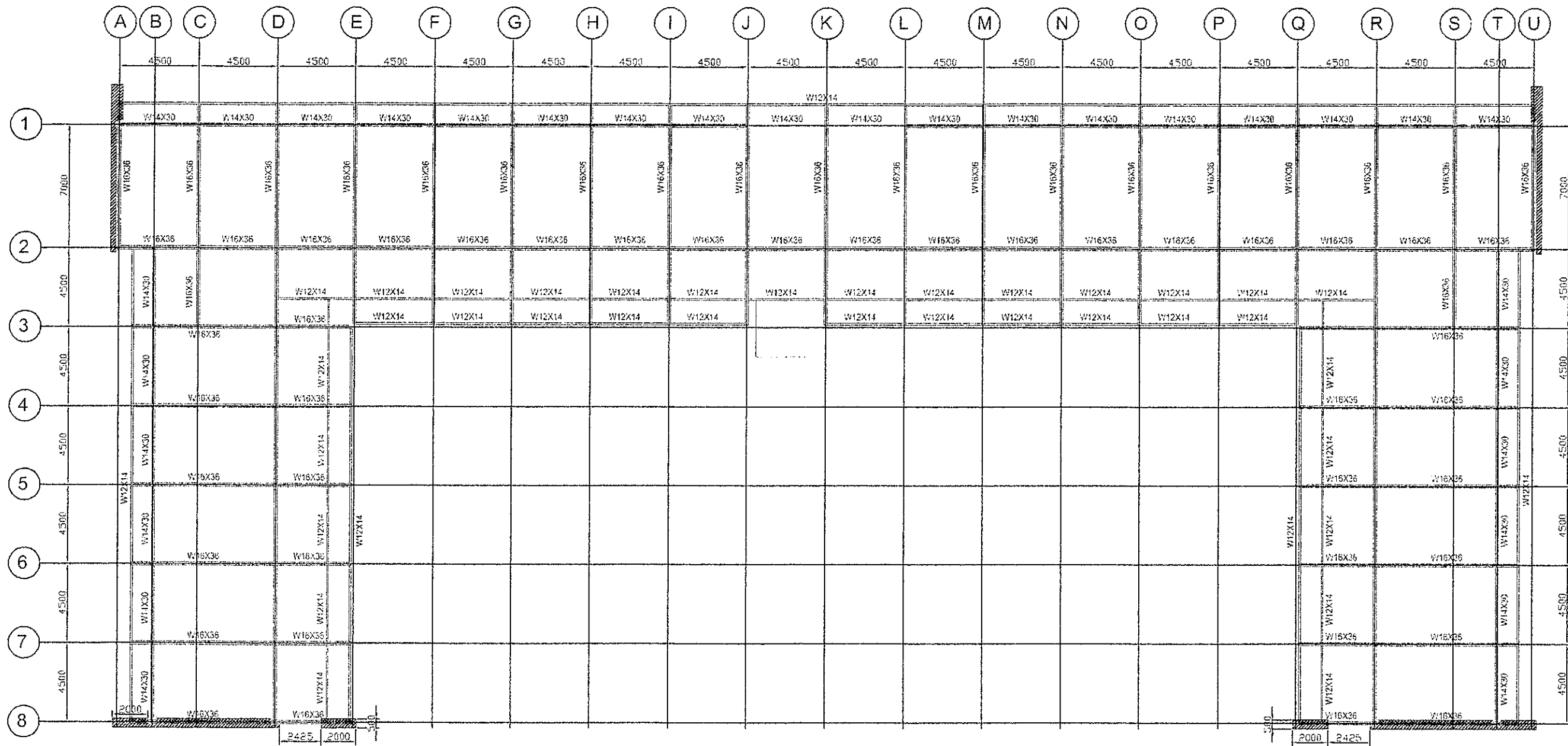
1/4" = 1'-0"



GIBMA Engineering Services

Design Construction Project Management Services
 63 Kalkorom Street Karangany Village Phase 3A, Duta Pals Pasig City 1611
 Tel. No.: 632 71 14 Fax. No.: 632 6167 Cellphone No.: 0920 922844
 URL: www.gibma.com E-mail: gibma200@yahoo.com

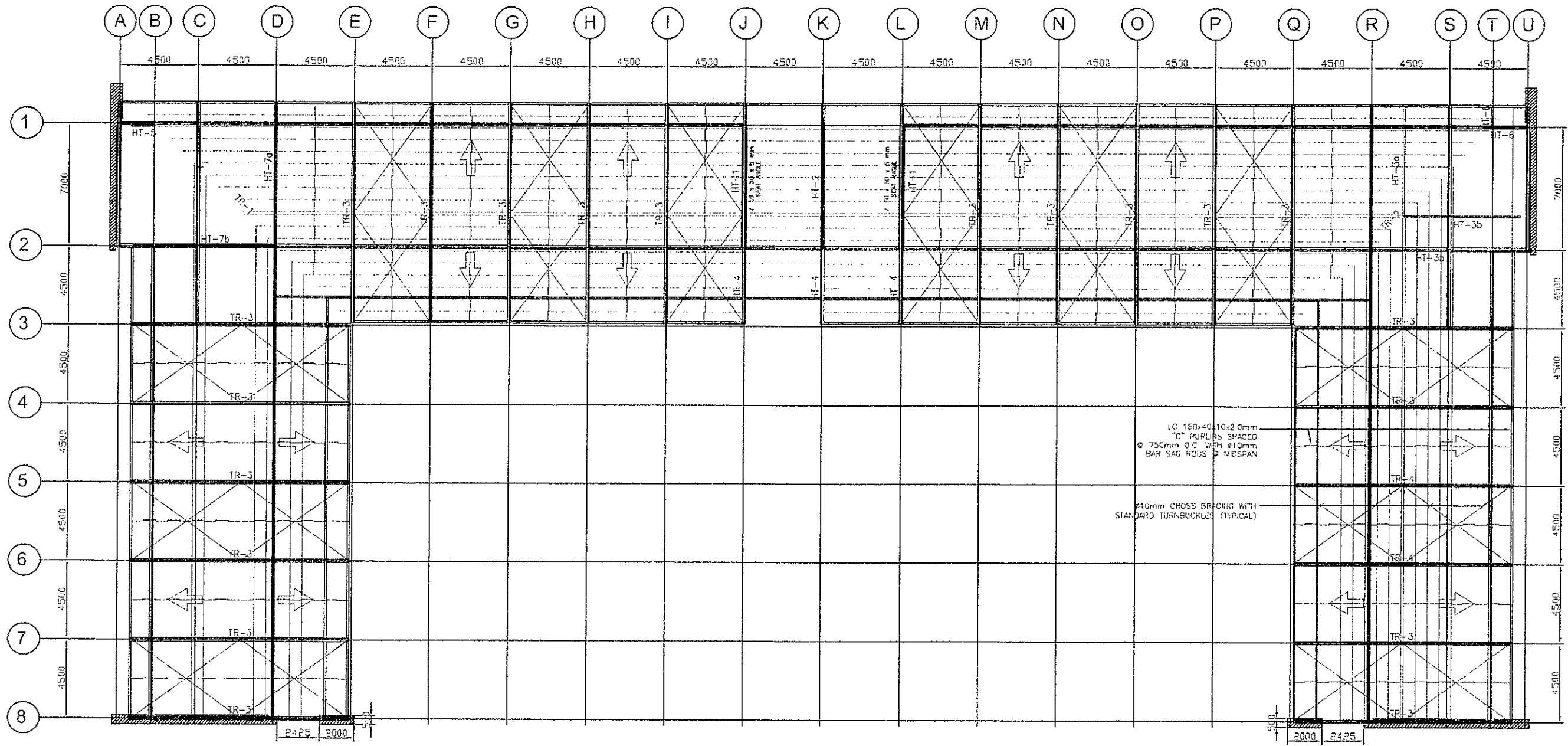
CIVIL/STRUCTURAL ENGINEER		PROJECT TITLE	OWNER	DATE	REVISION	DESCRIPTION	DESIGNED BY	JVC	SHEET CONTENTS	DRAWING NO.
SIGNED		STRUCTURAL INVESTIGATION & DETAILED ENGINEERING FOR THE REHABILITATION OF BUILDINGS FOR DEPED	DEPARTMENT OF EDUCATION						BCNFACIO BUILDINGS (AS-BUILT) FIFTH FLOOR FRAMING PLAN	S - 14
GILBERT R. TRIGUITAY F. ASEP										
REG. NO.	055551	PT. EX. 1	2635423	DATE:	AUG. 1 1999	ISSUED ON:	JAN. 5 2019	LOCATION:	DEPED COMPLEX (MFRAL) CALANAN, PASIG CITY	
TITLE:	105446-011	ISSUED AT:	PASIG CITY	ADDRESS:					DEPED COMPLEX (MFRAL) CALANAN, PASIG CITY	



ROOF BEAM FRAMING PLAN
 SCALE: 1:150M

GIBMA Engineering Services
 Design • Construction • Project Management • Services
 63 Kibitnasan Street Karangtuban Village Phase 2A, Delta Ponds, Pasig City 1611
 Tel. No.: 622 71 14 Fax. No.: 632 3167 Outphone No.: 0920 9228444
 URL: www.gibma.com E-mail: gibma2009@gibma.com

CIVIL STRUCTURAL ENGINEER SIGNED GILBERT B. MACRUTAY, E.ASEP REG. NO. 08251 PTR. NO. 009429 DATE: AUG. 1, 1999 ISSUED ON: JAN. 5, 2019 TIN: 135-486-911 ISSUED AT: PASIG CITY	PROJECT TITLE STRUCTURAL INVESTIGATION & DETAILED ENGINEERING FOR THE REHABILITATION OF BUILDINGS FOR DEPED LOCATION: DEPED COMPLEX MERALCO AVENUE PASIG CITY	OWNER: DEPARTMENT OF EDUCATION ADDRESS: DEPED COMPLEX MERALCO AVENUE PASIG CITY	DATE: REVISION: DESCRIPTION: DESIGNED BY: JJC CHECKED BY: GJM APPROVED BY: DATE:	SHEET CONTENTS BCNIFACIO BUILDINGS (AS-BUILT) ROOF BEAM FRAMING PLAN	DRAWING NO.: S - 15 SHEET NO.: - / -
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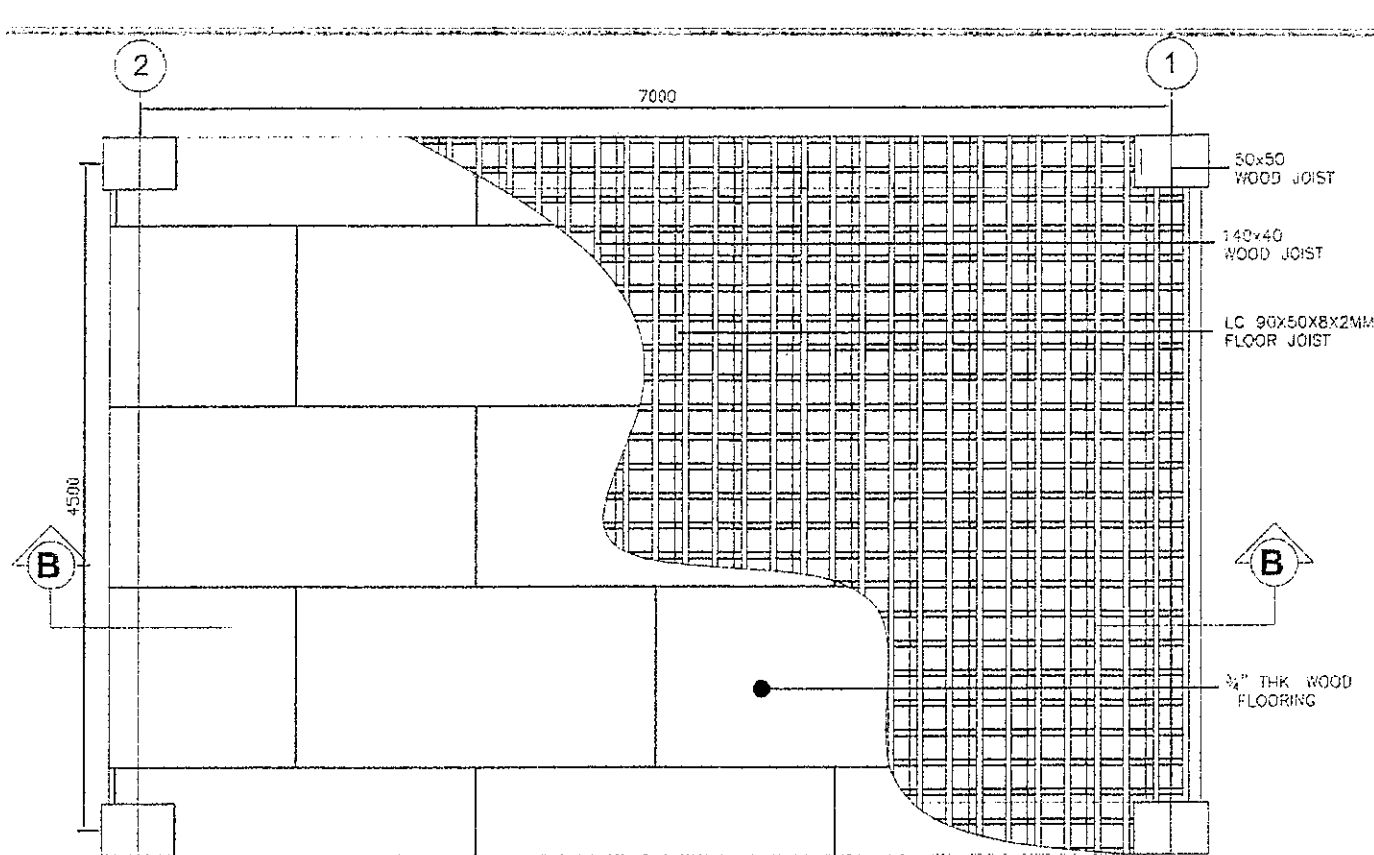


ROOF FRAMING PLAN
 SCALE: 1:150M.



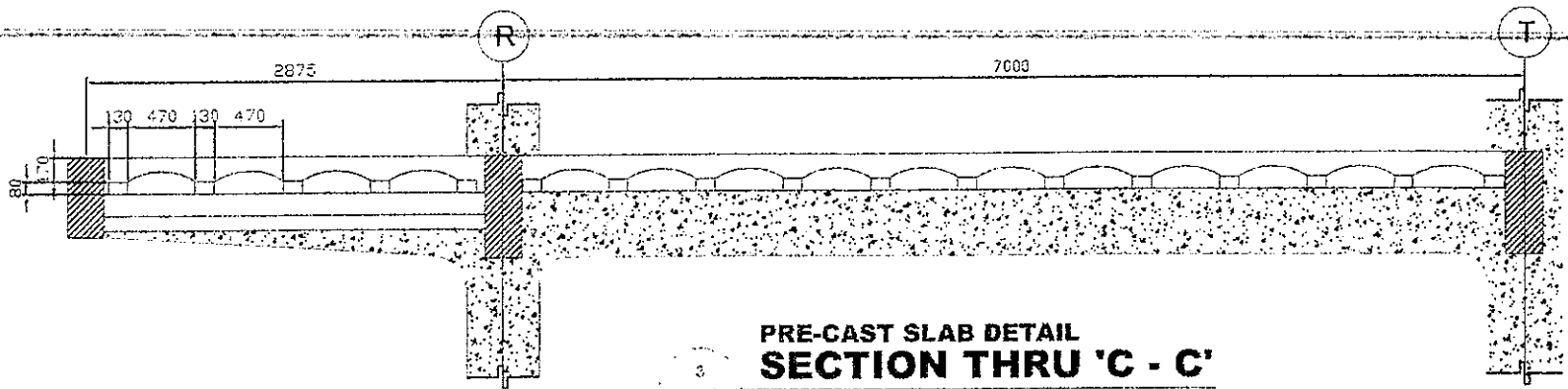
GIBMA Engineering Services
 Design Co-ordinator Project Management Supervisors
 93 Jalan Khasan Street (Cangshan Village Phase 2A) Data Pod, Pasig City 1611
 Tel. No.: 682 71 11 Fax. No.: 682 3167 Cellphone No.: 9920 8226441
 URL: www.gibma.com Email: gibma2606@yahoo.com

DRAWN: STRUCTURAL ENGINEER		PROJECT TITLE	OWNER	DATE	REVISION	DESCRIPTION	DESIGNED BY	JMC	SHEET CONTENTS	DRAWING NO.
SIGNED GABRIEL B. MACBUTAY, E. ASPP		STRUCTURAL INVESTIGATION & DETAILED ENGINEERING FOR THE REHABILITATION OF BUILDINGS FOR DEPED	DEPARTMENT OF EDUCATION				CHKD BY:	BMD	(AS-BUILT) ROOF FRAMING PLAN	S - 16
REG. NO. 05251	PR. NO. 200423						DR. BY:	GDM		SHEET NO.
DATE: AUG. 1, 2019	ISSUED ON: JUN. 3, 2019	LOCATION:	ADDRESS:			APPROVED BY:				- / -
TIN: 136410911	ISSUED AT: PASIG CITY	DEPED COMPLEX MARALCO AVENUE PASIG CITY	67RE 3 COMPLEX MARALCO AVENUE PASIG CITY			DATE:				



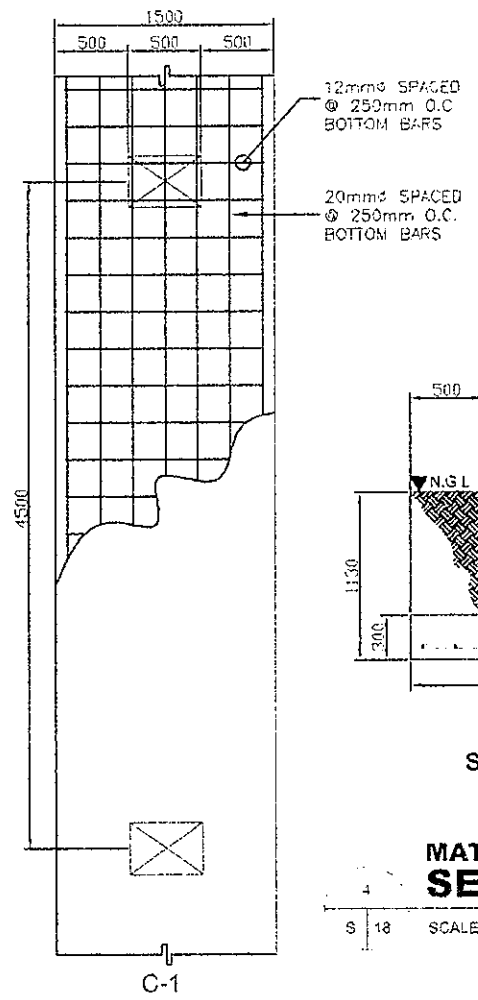
BLOW-UP DETAIL - A

SCALE: 1:30M



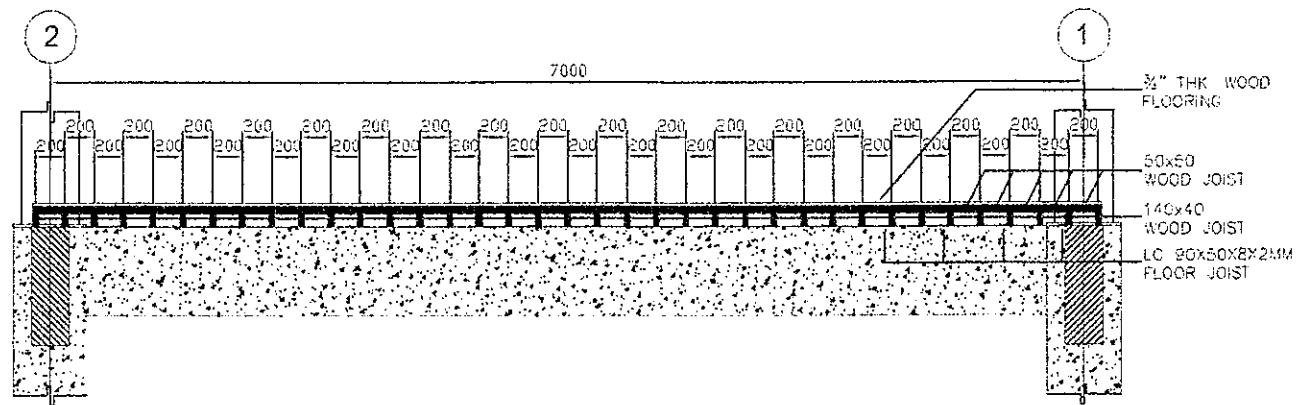
PRE-CAST SLAB DETAIL SECTION THRU 'C - C'

SCALE: 1:30M



MAT FOOTING DETAILS SECTION - D

SCALE: 1:30M



SECTION THRU 'B - B'

SCALE: 1:30M

GIBMA Engineering Services
 Design Construction Project Management Surveying
 93 Kalandakan Street Karangalan Village Phase 2A, Dela Paz, Pasig City 1911
 Tel. No.: 632 7114 Fax. No.: 632 8407 Cellphone No.: 0920 5225444
 URL: www.gibma.com E-mail: gibma@comcast.net

CIVIL STRUCTURAL ENGINEER		PROJECT TITLE	OWNER	DATE	REVISION	DESCRIPTION	DESIGNED BY	JWC	SHEET CONTENTS	DRAWING NO.
SIGNED GERBERT B. MAGNUTAV, R. SEEP		STRUCTURAL INVESTIGATION & DETAILED ENGINEERING FOR THE REHABILITATION OF BUILDINGS FOR DEPED	DEPARTMENT OF EDUCATION				GAPO BY	BJRC	BONIFACIO BUILDING (AS-BUILT)	S - 18
REG. NO.	PTP NO.						CHECKED BY:	GJM		
DATE	AUG. 1, 1995	ISSUED FOR:	JAN. 3, 2019	LOCATION:	ADDRESS	APPROVED BY:				
TIN	135-450-911	ISSUED AT:	PASIG CITY	DEPED COMPLEX PALERMO AVE PASIG CITY	DEPED COMPLEX PALERMO AVE PASIG CITY	DATE:				- / -

SCHEDULE OF SLABS

LOCATION	DESIGNATION	TYPE	THICKNESS (mm)	SPACING OF TOP REBARS (Ø 10)				SPACING OF BOTTOM REBARS (Ø 10)	
				NORTH	SOUTH	EAST	WEST	NORTH-SOUTH	EAST-WEST
SECOND FLOOR SLAB	2S-1	1-WAY	150	150	150	150	150	150	150
	2S-2	2-WAY	150	150	150	150	150	150	150
	2S-3	1-WAY	150	150	150	150	150	150	150
	2S-4	1-WAY	100	300	300	300	300	300	300
	2S-5	1-WAY	100	300	300	300	300	300	300
	2S-6	1-WAY	100	300	300	300	300	300	300
THIRD FLOOR SLAB	3S-1	1-WAY	150	150	150	150	150	150	150
	3S-2	2-WAY	150	150	150	150	150	150	150
	3S-3	1-WAY	150	150	150	150	150	150	150
	3S-4	1-WAY	100	300	300	300	300	300	300
	3S-5	1-WAY	100	300	300	300	300	300	300
	3S-6	1-WAY	100	300	300	300	300	300	300
FOURTH FLOOR SLAB	4S-1	1-WAY	150	150	150	150	150	150	150
	4S-2	2-WAY	150	150	150	150	150	150	150
	4S-3	1-WAY	150	150	150	150	150	150	150
	4S-4	1-WAY	100	300	300	300	300	300	300
	4S-5	1-WAY	100	300	300	300	300	300	300
	4S-6	1-WAY	100	300	300	300	300	300	300
FIFTH FLOOR SLAB	5S-1	1-WAY	150	150	150	150	150	150	150
	5S-2	2-WAY	150	150	150	150	150	150	150
	5S-3	1-WAY	150	150	150	150	150	150	150
	5S-4	2-WAY	150	200	200	200	200	200	200
	5S-5	2-WAY	150	200	200	200	200	200	200
CANOPY SLAB	CS-1	1-WAY	100	150	150	150	150	150	150

SCHEDULE OF FOOTING

FOOTING DESIGNATION	FOOTING SIZE			ALONG X-DIRECTION		ALONG Y-DIRECTION		DEPTH OF FOOTING (D) (mm)
	X (mm)	Y (mm)	THICKNESS (T) (mm)	TOP	BOTTOM	TOP	BOTTOM	
MF-1	22350	1500	300	-	6-Ø20	-	329-Ø12	1130
MF-2	1500	23850	300	-	95-Ø12	-	6-Ø20	1130

SCHEDULE OF COLUMNS

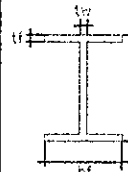
COLUMN MARKING	LEVEL	SECTION (B X H)	VERT. REBARS	D LATERALS
C-1	FOOTING-SECOND FLOOR	350 X 500	16 - Ø25	3SETS-1 @ 50, 3 @ 100, REST @ 150 O.C.
2C-1	SECOND-THIRD FLOOR	350 X 500	16 - Ø25	3SETS-1 @ 50, 3 @ 100, REST @ 150 O.C.
3C-1	THIRD-FOURTH FLOOR	350 X 500	16 - Ø25	3SETS-1 @ 50, 3 @ 100, REST @ 150 O.C.
4C-1	FOURTH-FIFTH FLOOR	350 X 400	10 - Ø25	2SETS-1 @ 50, 3 @ 100, REST @ 150 O.C.
I BEAM-1	FIFTH FLOOR-ROOF I-BEAM SEE I BEAM SCHEDULE			

SCHEDULE OF BEAMS

BEAM MARKING	SECTION (B x H)	BEAM TYPE	LEFT END REBARS		MIDSPAN REBARS		RIGHT END REBARS		SIDE BARS	SPACING OF Ø19 STIRRUPS TO CENTER
			TOP	BOTTOM	TOP	BOTTOM	TOP	BOTTOM		
2B-1	250 X 700	CONTINUOUS	2-Ø25	2-Ø25	2-Ø25	2-Ø25	2-Ø25	2-Ø25	5-Ø25	1 @ 50, 3 @ 100, REST @ 150 O.C.
2B-2	350 X 450	CONTINUOUS	3-Ø25	3-Ø25	3-Ø25	3-Ø25	3-Ø25	3-Ø25	2-Ø25	1 @ 50, 3 @ 100, REST @ 150 O.C.
2B-3	350 X 300	CONTINUOUS	3-Ø25	3-Ø25	3-Ø25	3-Ø25	3-Ø25	3-Ø25	1-Ø25	1 @ 50, 3 @ 100, REST @ 150 O.C.
2B-4	250 X 550	CONTINUOUS	2-Ø25	2-Ø25	2-Ø25	2-Ø25	2-Ø25	2-Ø25	3-Ø25	1 @ 50, 3 @ 100, REST @ 150 O.C.
3B-1	250 X 700	CONTINUOUS	2-Ø25	2-Ø25	2-Ø25	2-Ø25	2-Ø25	2-Ø25	5-Ø25	1 @ 50, 3 @ 100, REST @ 150 O.C.
3B-2	350 X 450	CONTINUOUS	3-Ø25	3-Ø25	3-Ø25	3-Ø25	3-Ø25	3-Ø25	2-Ø25	1 @ 50, 3 @ 100, REST @ 150 O.C.
3B-3	350 X 300	CONTINUOUS	3-Ø25	3-Ø25	3-Ø25	3-Ø25	3-Ø25	3-Ø25	1-Ø25	1 @ 50, 3 @ 100, REST @ 150 O.C.
3B-4	250 X 550	CONTINUOUS	2-Ø25	2-Ø25	2-Ø25	2-Ø25	2-Ø25	2-Ø25	3-Ø25	1 @ 50, 3 @ 100, REST @ 150 O.C.
4B-1	250 X 700	CONTINUOUS	2-Ø25	2-Ø25	2-Ø25	2-Ø25	2-Ø25	2-Ø25	5-Ø25	1 @ 50, 3 @ 100, REST @ 150 O.C.
4B-2	350 X 450	CONTINUOUS	3-Ø25	3-Ø25	3-Ø25	3-Ø25	3-Ø25	3-Ø25	2-Ø25	1 @ 50, 3 @ 100, REST @ 150 O.C.
4B-3	350 X 300	CONTINUOUS	3-Ø25	3-Ø25	3-Ø25	3-Ø25	3-Ø25	3-Ø25	1-Ø25	1 @ 50, 3 @ 100, REST @ 150 O.C.
4B-4	250 X 550	CONTINUOUS	2-Ø25	2-Ø25	2-Ø25	2-Ø25	2-Ø25	2-Ø25	3-Ø25	1 @ 50, 3 @ 100, REST @ 150 O.C.
5B-1	300 X 800	CONTINUOUS	3-Ø25	3-Ø25	3-Ø25	3-Ø25	3-Ø25	3-Ø25	5-Ø25	1 @ 50, 3 @ 100, REST @ 150 O.C.
5B-2	250 X 800	CONTINUOUS	2-Ø25	2-Ø25	2-Ø25	2-Ø25	2-Ø25	2-Ø25	5-Ø25	1 @ 50, 3 @ 100, REST @ 150 O.C.
5B-3	350 X 600	CONTINUOUS	3-Ø25	3-Ø25	3-Ø25	3-Ø25	3-Ø25	3-Ø25	4-Ø25	1 @ 50, 3 @ 100, REST @ 150 O.C.
5B-4	200 X 400	CONTINUOUS	2-Ø25	2-Ø25	2-Ø25	2-Ø25	2-Ø25	2-Ø25	1-Ø25	1 @ 50, 3 @ 100, REST @ 150 O.C.
I-BEAM	180 X 430	CONTINUOUS								

STRUCTURAL STEEL SECTION PROPERTIES

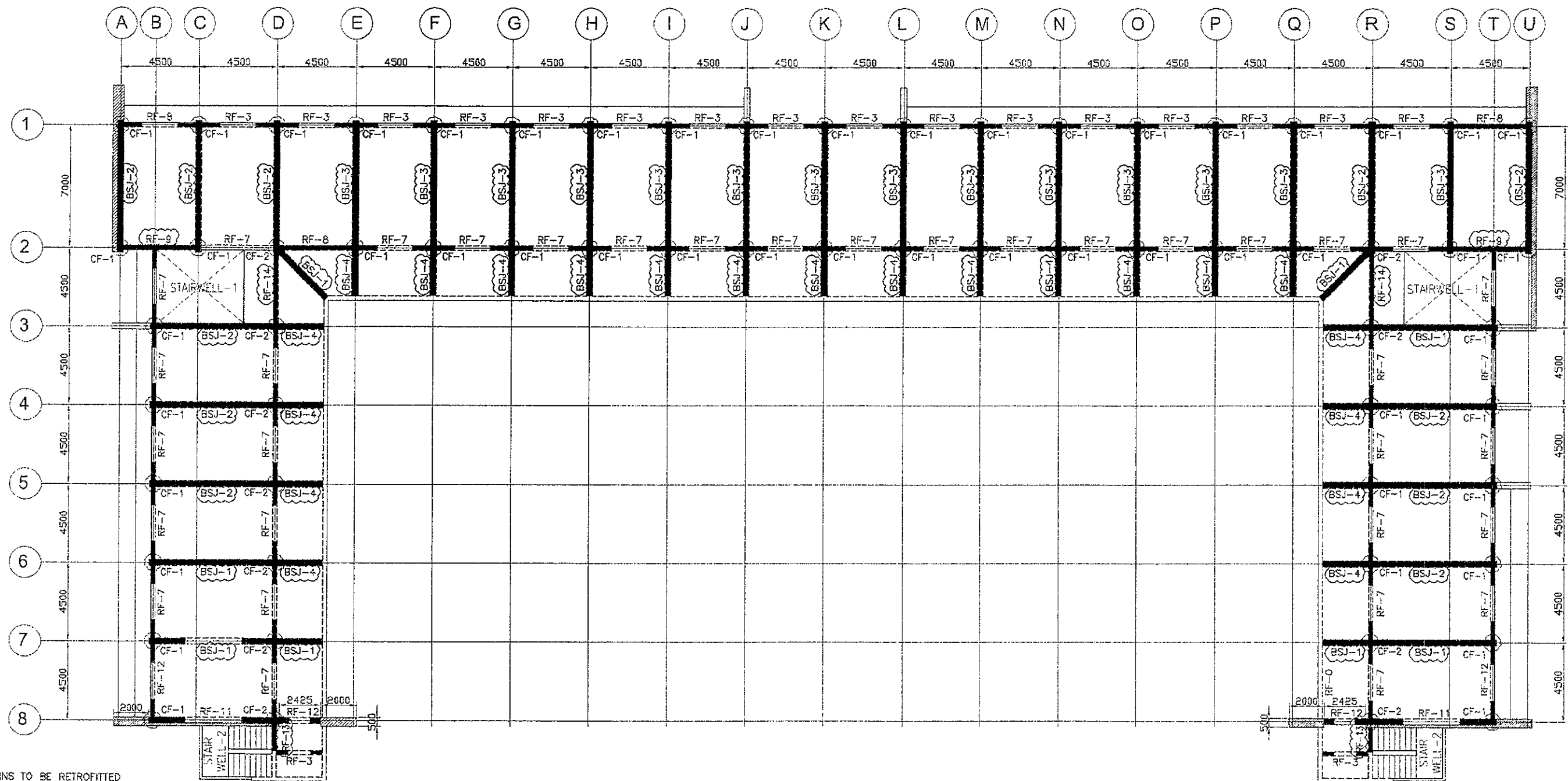
DESIGNATION	DIMENSION		THICKNESS	
	bf (mm)	d (mm)	tw (mm)	tf (mm)
W16x36	177.42	402.84	7.49	10.92
W14x30	170.94	351.54	6.86	9.78
W12x14	103.84	302.51	5.05	5.72
I BEAM-1	180.00	430.00	10.00	12.00




GIBMA Engineering Services

63 Kikasan Street Karangnong Village Phase 2A, Dala Paz, Pasig City 1611
Tel. No. 632 71 1 4 Fax. No. 632 54 97 Cellphone No. 0920 922844
URL: www.gibma.com Email: gibma2016@yahoo.com

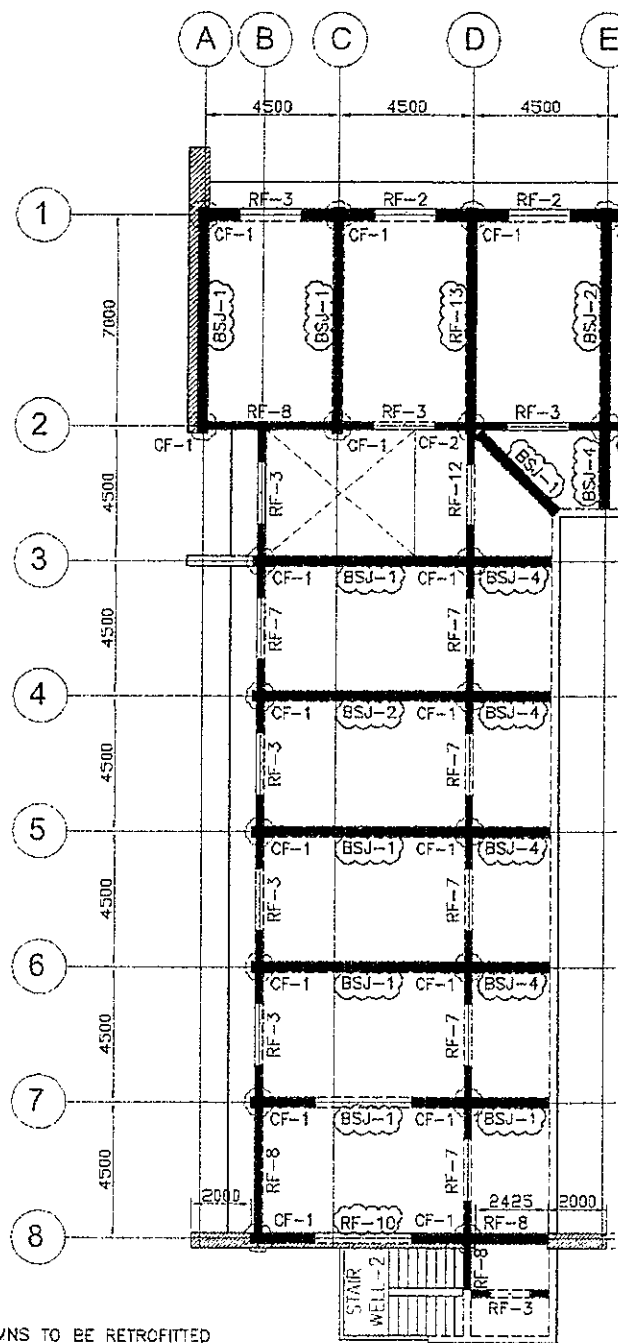
GIBMA ENGINEERING SERVICES		PROJECT TITLE	OWNER	DATE	REVISION	DESCRIPTION	DESIGNED BY	JVC	SHEET CONTENTS	DRAWING NO.
SIGNED GILBERT MACGUTAY, P. E. S.E.P.		STRUCTURAL INVESTIGATION & DETAILED ENGINEERING FOR THE REHABILITATION OF BUILDINGS FOR DEPED	DEPARTMENT OF EDUCATION						BONIFACIO BUILDING	S - 19
REG. NO. 050251	PTR NO. 263428								(AS-BUILT)	SHEET NO.
DATE: AUG. 1, 1989	ISSUED ON: JAN. 5, 2019	LOCATION:	ADDRESS:						SCHEDULE OF SLABS, SCHEDULE OF BEAMS, SCHEDULE OF FOOTING, SCHEDULE OF COLUMNS, STRUCTURAL STEEL SECTION PROPERTIES	- / -
TRN: 135450411	ISSUED AT: PASIG CITY	DEPED COMPLEX (BONIFACIO AVENUE) PASIG, CITY	677F 3 COMPLEX (MERALCO AVENUE) PASIG, CITY							



- LEGEND
- COLUMNS TO BE RETROFITTED
 - BEAMS TO BE RETROFITTED
 - FROM RF-13 TO RF-9
FROM RF-17 TO RF-13
FROM RF-18 TO RF-14
 - BEAMS REVISED
- NOTE: SEE DETAIL RETROFITTING BEAM SHEET NO. 62, 63 & 64

SECOND FLOOR FRAMING PLAN
 SCALE: 1:150M

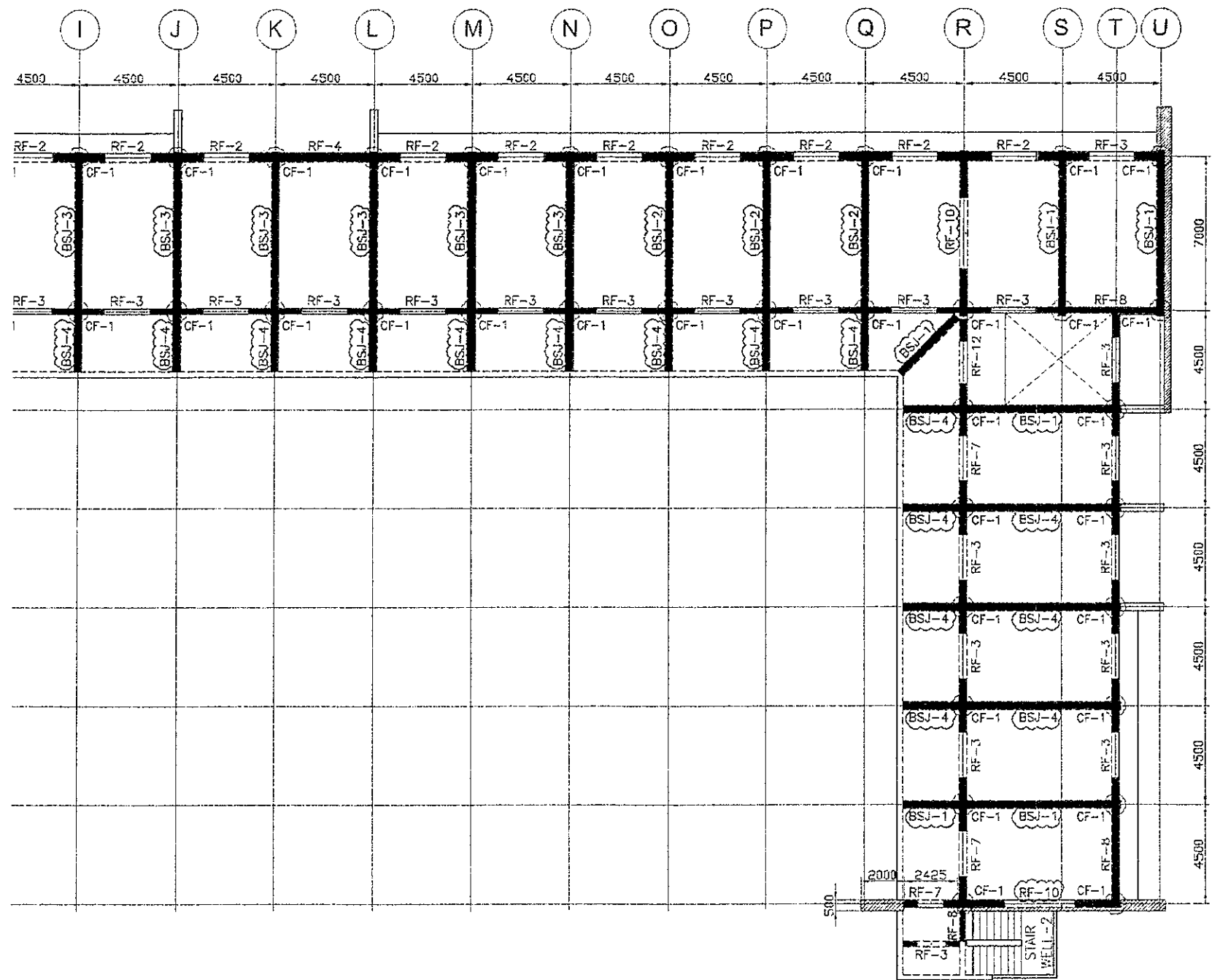
 GIBMA Engineering Services <small>Design • Construction • Project Management • Survey</small> <small>63 Kalitrasan Street Karangalan Village Phase 2A, Dala Paz, Pasig City 1611 Tel. No. 8527114 Fax. No. 8529857 Cellphone No. 0920 028441 URL www.gibma.com E-mail gibma@092035@yahoo.com</small>	CIVIL / STRUCTURAL ENGINEER GILBERT B. MASBUTAY, RASEP	PROJECT TITLE: STRUCTURAL INVESTIGATION & DETAILED ENGINEERING FOR THE REHABILITATION OF BUILDINGS FOR DEPED	OWNER: DEPARTMENT OF EDUCATION	DATE 07-05-21	REVISION 1	DESCRIPTION RETROFITTING UPDATED	DESIGNED BY CADBY	JVC VDLG	SHEET CONTENTS: BONIFACIO BUILDING (RETROFITTINGS) SECOND FLOOR FRAMING PLAN	DRAWING NO. S - 41 SHEET NO. 41 / 64	
	REG. NO. 055251 P.R. NO. 8994416	LOCATION: DEPED COMPLEX MERRAL CO AVENUE PASIG CITY	ADDRESS: DEPED COMPLEX MERRAL CO AVENUE PASIG CITY	CHECKED BY GEM	APPROVED BY DATE	DATE	DATE	DATE	DATE	DATE	DATE
	DATE AUG. 1, 1988	ISSUED ON JAN. 4, 2023	LOCATION: DEPED COMPLEX MERRAL CO AVENUE PASIG CITY	ADDRESS: DEPED COMPLEX MERRAL CO AVENUE PASIG CITY	CHECKED BY GEM	APPROVED BY DATE	DATE	DATE	DATE	DATE	DATE
	TEL 106-458-911	ISSUED AT PASIG CITY	LOCATION: DEPED COMPLEX MERRAL CO AVENUE PASIG CITY	ADDRESS: DEPED COMPLEX MERRAL CO AVENUE PASIG CITY	CHECKED BY GEM	APPROVED BY DATE	DATE	DATE	DATE	DATE	DATE
	DATE AUG. 1, 1988	ISSUED ON JAN. 4, 2023	LOCATION: DEPED COMPLEX MERRAL CO AVENUE PASIG CITY	ADDRESS: DEPED COMPLEX MERRAL CO AVENUE PASIG CITY	CHECKED BY GEM	APPROVED BY DATE	DATE	DATE	DATE	DATE	DATE



LEGEND

- COLUMNS TO BE RETROFITTED
- BEAMS TO BE RETROFITTED
- FROM RF-16 TO RF-10
FROM RF-17 TO RF-13
- BEAMS REVISED

NOTE: SEE DETAIL RETROFITTING BEAM SHEET NO. 63 & 64



THIRD FLOOR FRAMING PLAN



SCALE:

1:150M.



GIBMA Engineering Services

Design • Construction • Project Management • Surveys

03 Kalkasan Street, Kivangalan Village, Plaza C&A, Davao Pinar, Pasig City 1611
Tel. No. 8927114 Fax No. 5823467 Callphone No. 0520 322844
URL: www.gibma.com E-mail: gibma2008@gibma.com

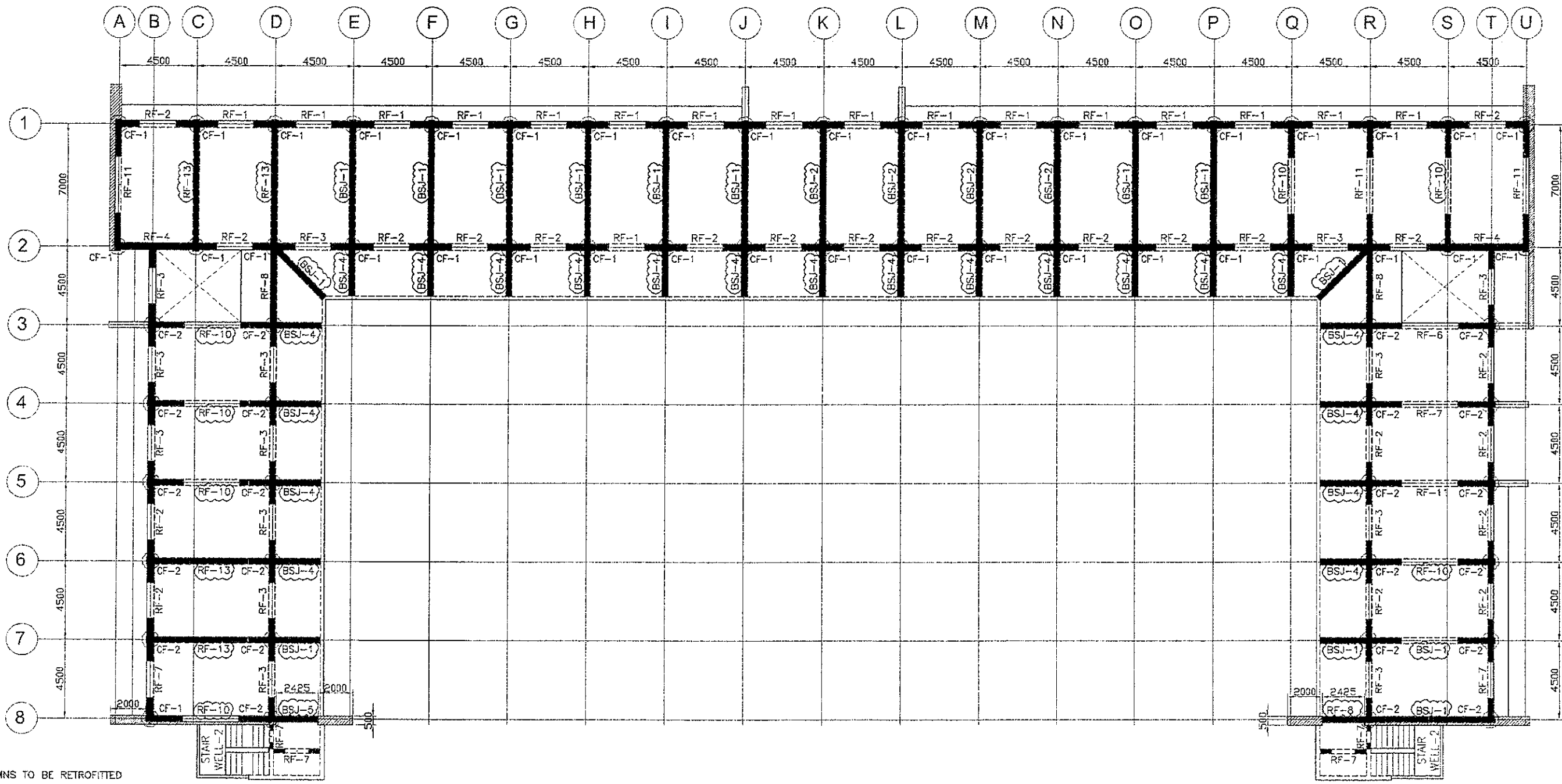
CIVIL STRUCTURE

REQ. NO. 0

DATE

TIN

OWNER:	DATE:	REVISION:	DESCRIPTION:	DESIGNED BY:	JVC:	SHEET CONTENTS:	DRAWING NO.
DEPARTMENT OF EDUCATION	07-05-21	1	RETROFITTING UPDATED	DATE:	YOLB	BONIFACIO BUILDING	S - 42
ADDRESS:				CHECKED BY:	GBM	(RETROFITTING)	SHEET NO.
				APPROVED BY:		THIRD FLOOR FRAMING PLAN	42 / 64
X: MERRALCO AVENUE PASIG CITY				DATE:			



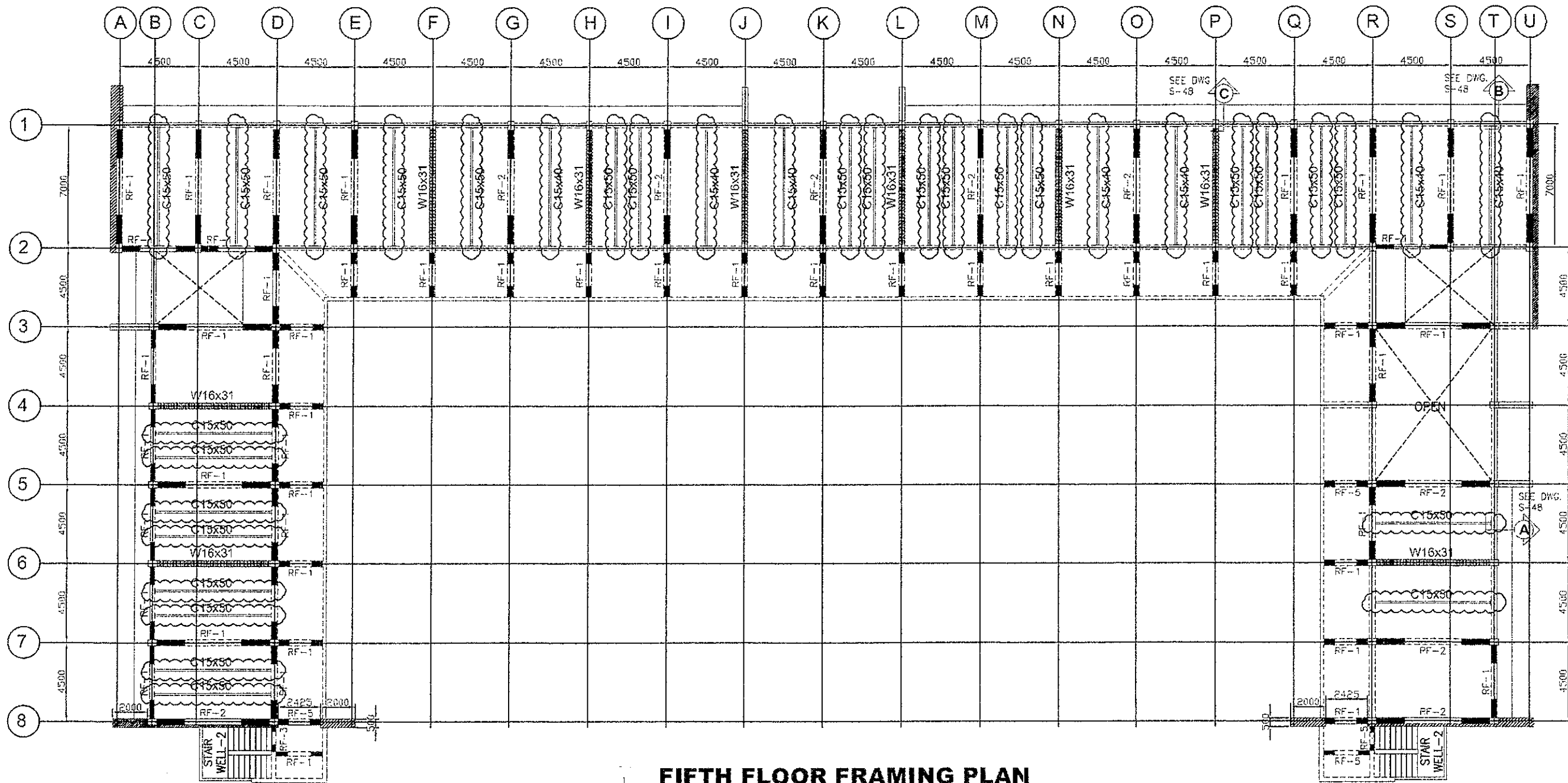
LEGEND

- COLUMNS TO BE RETROFITTED
- BEAMS TO BE RETROFITTED
- FROM RF-16 TO RF-10
FROM RF-17 TO RF-13
- BEAMS REVISED

NOTE: SEE DETAIL RETROFITTING BEAM SHEET NO. 63 & 64

FOURTH FLOOR FRAMING PLAN
 SCALE: 1:150M

 GIBMA Engineering Services <small>Design - Construction - Project Management - Survey</small> <small>83 Kalsasan Street Karanganyan Village Phase 2A, Dahi Paz, Pasig City 1611 Tel. No. 882-7114 Fax. No. 882-4487 Cellphone No. 920-9204441 URL www.gibma.com E-mail gibma2003@gibma.com</small>	CIVIL STRUCTURAL ENGINEER GILBERT B. MARGUTAY, F.ASEP	PROJECT TITLE: STRUCTURAL INVESTIGATION & DETAILED ENGINEERING FOR THE REHABILITATION OF BUILDINGS FOR DEPED	OWNER: DEPARTMENT OF EDUCATION	DATE 07-05-23	REVISION 1	DESCRIPTION RETROFITTINGS UPDATED	DESIGNED BY GADD BY	J.V.C VOLS	SHEET CONTENTS BONIFACIO BILALONG (RETROFITTING) FOURTH FLOOR FRAMING PLAN	DRAWING NO. S - 43 SHEET NO. 43 / 64	
	REG. NO. 039261 PTR. NO. 66744 6	LOCATION DEPED COMPLEX MERRALLO AVENUE PASIG CITY	ADDRESS DEPED COMPLEX MERRALLO AVENUE PASIG CITY	CHECKED BY GEM	APPROVED BY	DATE	DATE	DATE	DATE	DATE	DATE
	DATE AUG. 1, 1989	ISSUED ON JAN. 4, 2022	LOCATION DEPED COMPLEX MERRALLO AVENUE PASIG CITY	ADDRESS DEPED COMPLEX MERRALLO AVENUE PASIG CITY	CHECKED BY GEM	APPROVED BY	DATE	DATE	DATE	DATE	DATE
	TIN 106-459-911	ISSUED AT: PASIG CITY	LOCATION DEPED COMPLEX MERRALLO AVENUE PASIG CITY	ADDRESS DEPED COMPLEX MERRALLO AVENUE PASIG CITY	CHECKED BY GEM	APPROVED BY	DATE	DATE	DATE	DATE	DATE
	CIVIL STRUCTURAL ENGINEER GILBERT B. MARGUTAY, F.ASEP	PROJECT TITLE: STRUCTURAL INVESTIGATION & DETAILED ENGINEERING FOR THE REHABILITATION OF BUILDINGS FOR DEPED	OWNER: DEPARTMENT OF EDUCATION	DATE 07-05-23	REVISION 1	DESCRIPTION RETROFITTINGS UPDATED	DESIGNED BY GADD BY	J.V.C VOLS	SHEET CONTENTS BONIFACIO BILALONG (RETROFITTING) FOURTH FLOOR FRAMING PLAN	DRAWING NO. S - 43 SHEET NO. 43 / 64	



LEGEND:

- COLUMNS TO BE RETROFITTED
- BEAMS TO BE RETROFITTED
- ADDITIONAL BEAM
- BEAM'S TO BE RETROFITTED

FIFTH FLOOR FRAMING PLAN

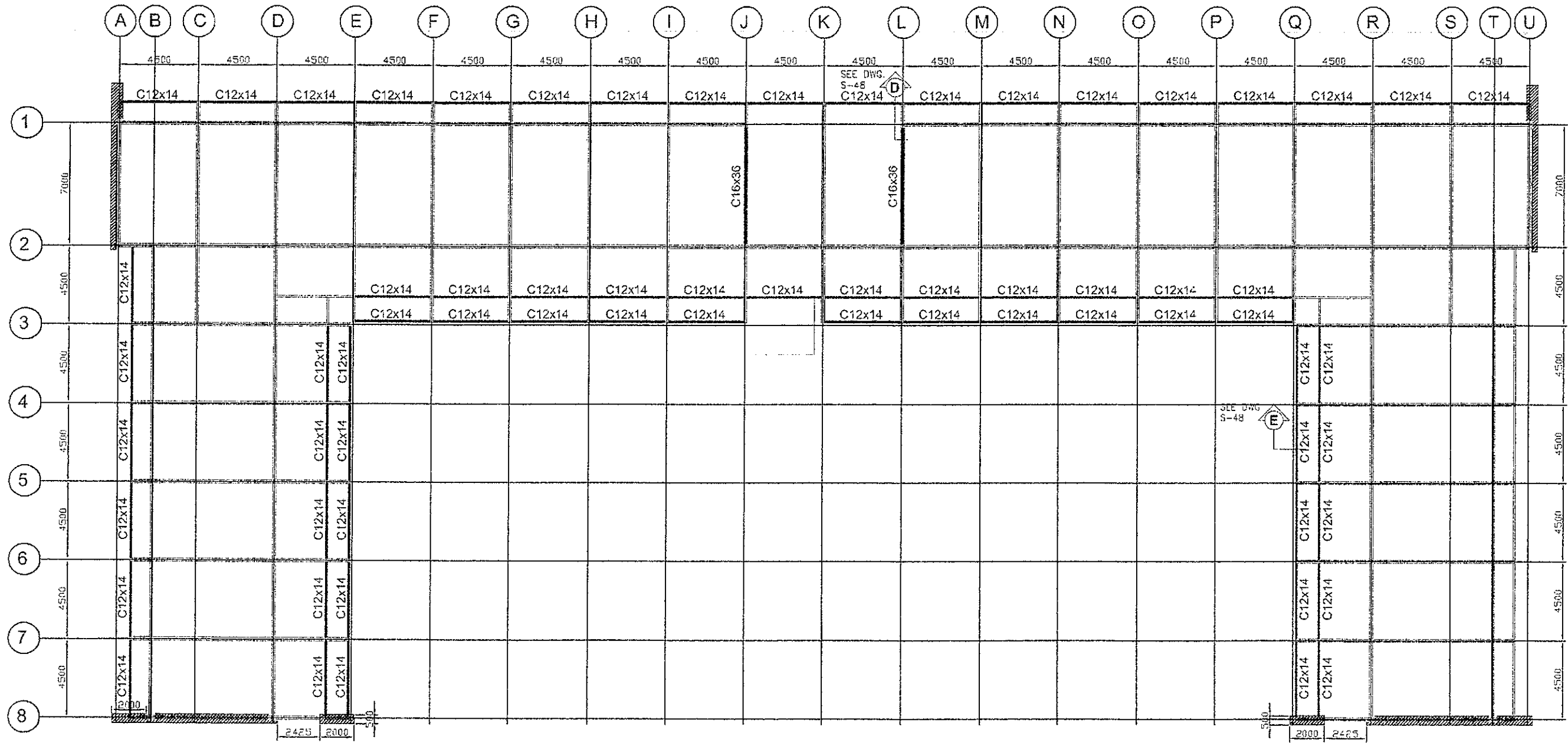
SCALE: 1/150M



GIBMA Engineering Services

Design Construction Project Management Services
 93 Kalayaan Street Koronadal Village Phase 2A, Davao P.O., Pasig City 1611
 Tel. No.: 632 71 4 Fax. No.: 632 6167 Telephone No.: 0920 9228141
 URL: www.gibma.com E-mail: gibma700@yahoo.com

CIVIL / STRUCTURAL ENGINEER		PROJECT TITLE	OWNER	DATE	REVISION	DESCRIPTION	DESIGNED BY	JVC	SHEET CONTENTS	DRAWING NO.
SIGNED CP. BERT B. MAGBUTAY, E. ASBP		STRUCTURAL INVESTIGATION & DETAILED ENGINEERING FOR THE REHABILITATION OF BUILDINGS FOR DEPED	DEPARTMENT OF EDUCATION				DAVEY	BUMC	BONIFACIO BUILDINGS	S - 44
REG. NO. 058251	PTR. NO. 008423						CHECKED BY:	GSM	(RETROFITTING)	SHEET NO.
DATE AUG. 1, 1999	ISSUED ON: JUNE 2, 2019	LOCATION:	ADDRESS:		APPROVED BY:			FIFTH FLOOR FRAMING PLAN END PLATE DETAILS STEEL BEAM (RETROFITTING)	- / -	
TIN 135-456-914	ISSUE AT: PASIG CITY	DEPED COMPLEX MERALCO AVENUE PASIG CITY	DEPED COMPLEX MERALCO AVENUE PASIG CITY		DATE:					



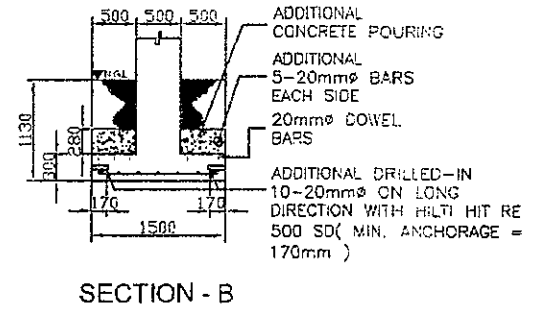
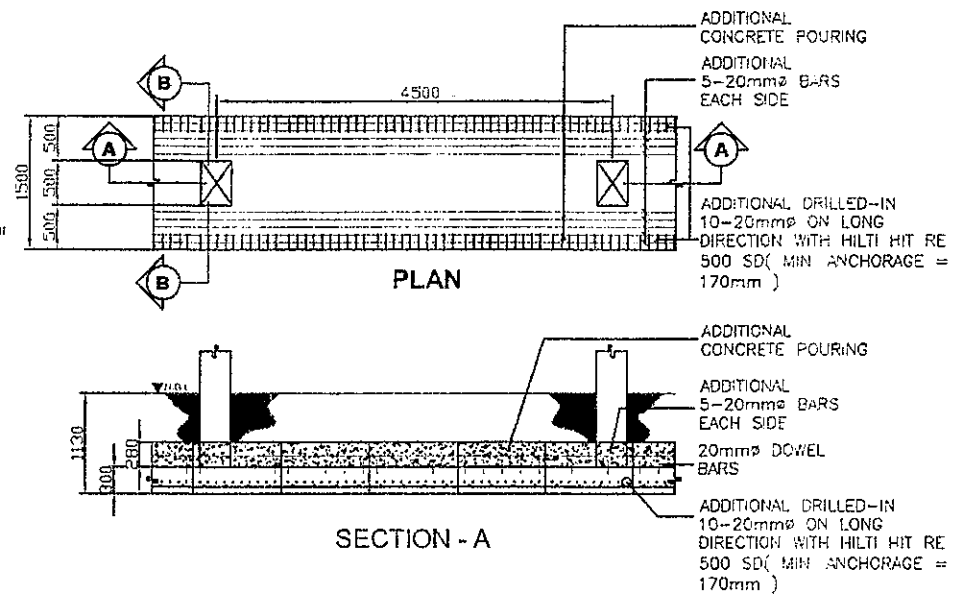
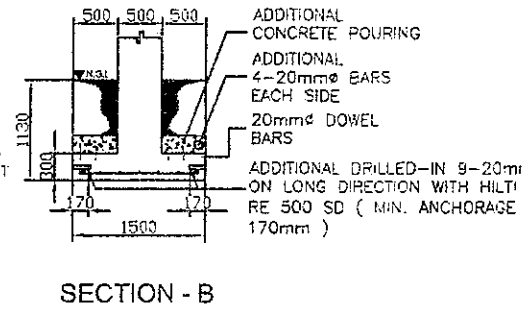
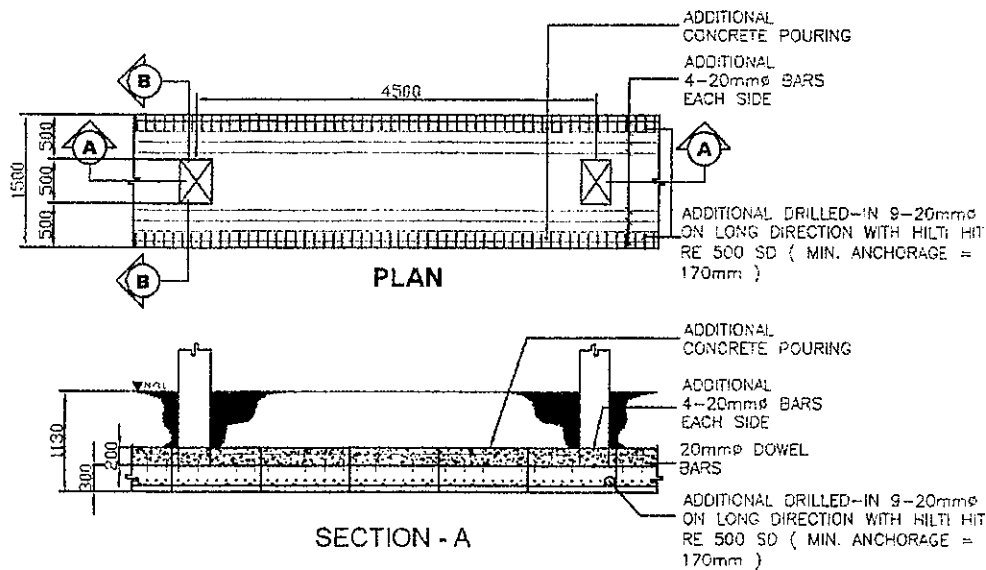
LEGEND:

- BEAM'S TO BE RETROFITTED

1
ROOF BEAM FRAMING PLAN
 S 45 SCALE 1:150M

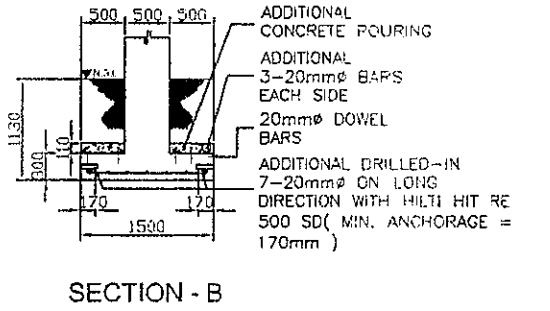
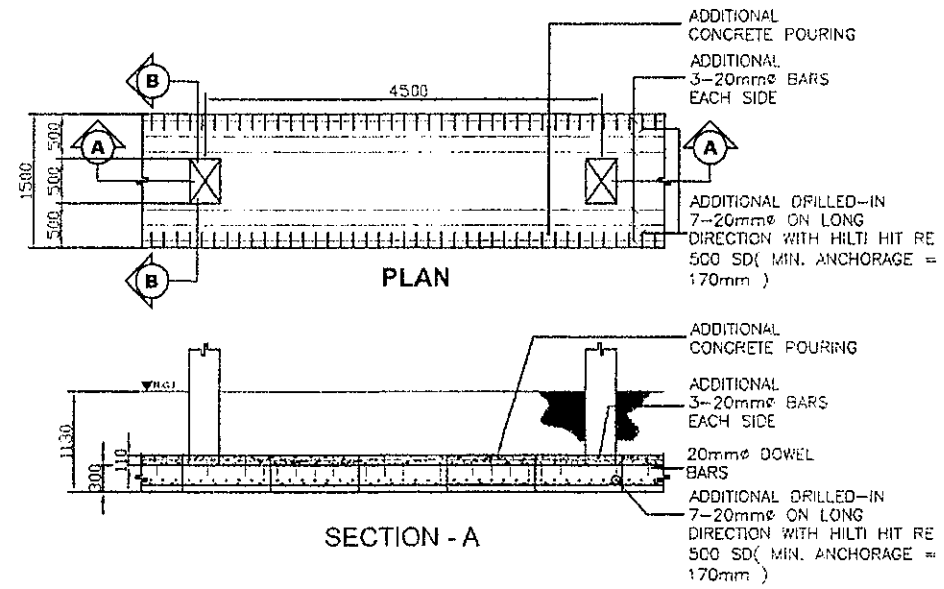
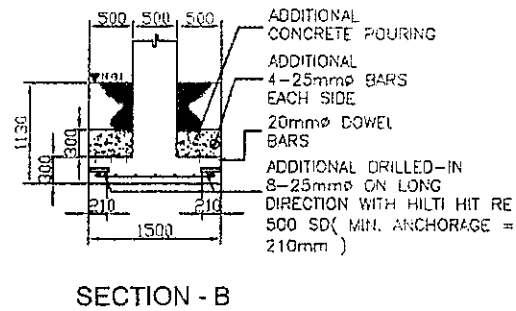
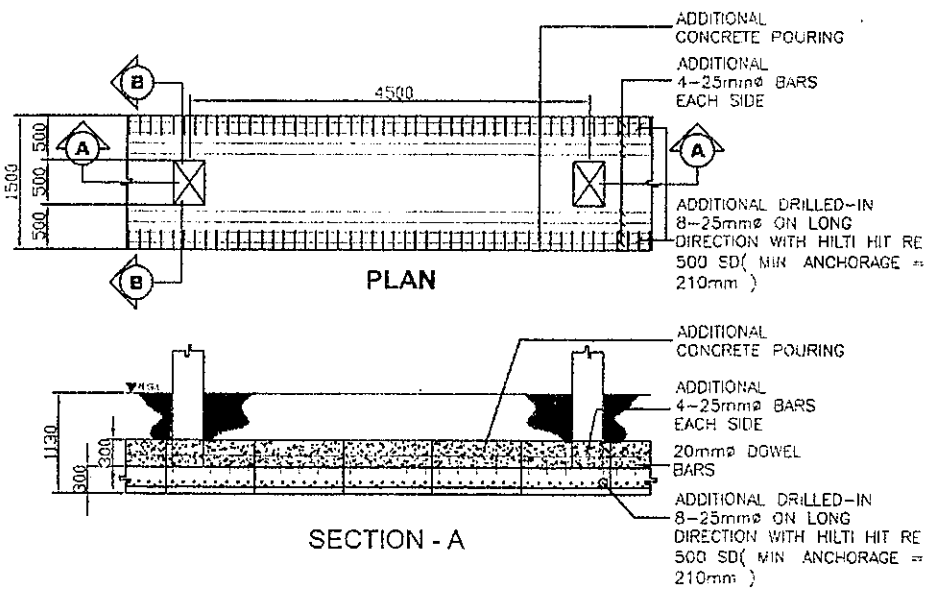
GIBMA Engineering Services
 Design Construction Project Management Services
 93 Kalaasin Street Karangalan Village Phase 2A, Davao Paz, Pasig City 1411
 Tel. No. 822 71 11 Fax. No. 822 8487 Cellphone No. 920 8228141
 URL: www.gibma.com Email: gibma2007@gibma.com

CIVIL / STRUCTURAL ENGINEER: SIGNED GILBERT B. MAGSAYAT, F. ASE REG. NO.: 958251 PIR: 101 305421 DATE: AUG 1, 1989 ISSUED ON: JAN 5, 2019 TIN: 132410411 ISSUED AT: PASIG CITY	PROJECT TITLE: STRUCTURAL INVESTIGATION & DETAILED ENGINEERING FOR THE REHABILITATION OF BUILDINGS FOR DEPED LOCATION: DEPED COMPLEX MERALCO AVENUE PASIG CITY	OWNER: DEPARTMENT OF EDUCATION ADDRESS: DEPED COMPLEX MERALCO AVENUE PASIG CITY	DATE: REVISION: DESCRIPTION:	DESIGNED BY: GADDY CHECKED BY: G311 APPROVED BY: DATE:	SHEET CONTENTS: BONIFACIO BUILDING (RETROFITTING) ROOF BEAM FRAMING PLAN STEEL BEAM (RETROFITTING)	DRAWING NO.: S - 45 SHEET NO.: - / -
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FOOTING RETROFITTING DETAILS (F1-A)
SCALE: 1:50M.

FOOTING RETROFITTING DETAILS (F1-B)
SCALE: 1:50M.



FOOTING RETROFITTING DETAILS (F1-C)
SCALE: 1:50M.

FOOTING RETROFITTING DETAILS (F1-D)
SCALE: 1:50M.

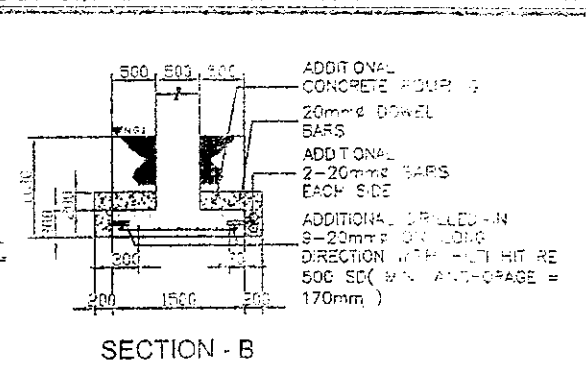
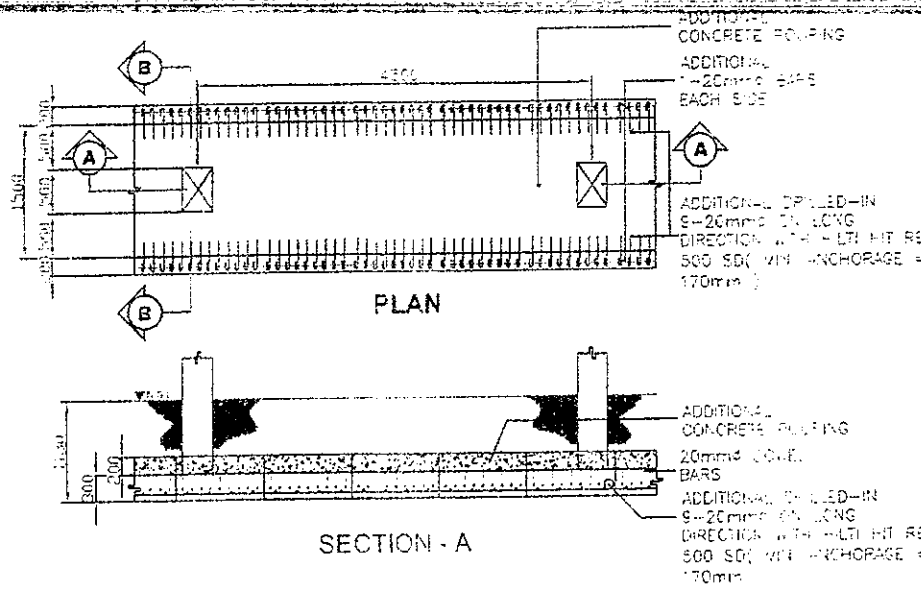
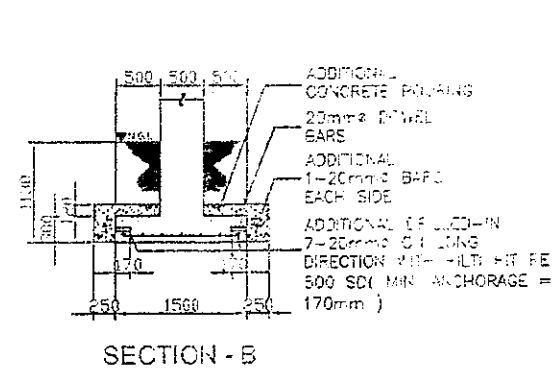
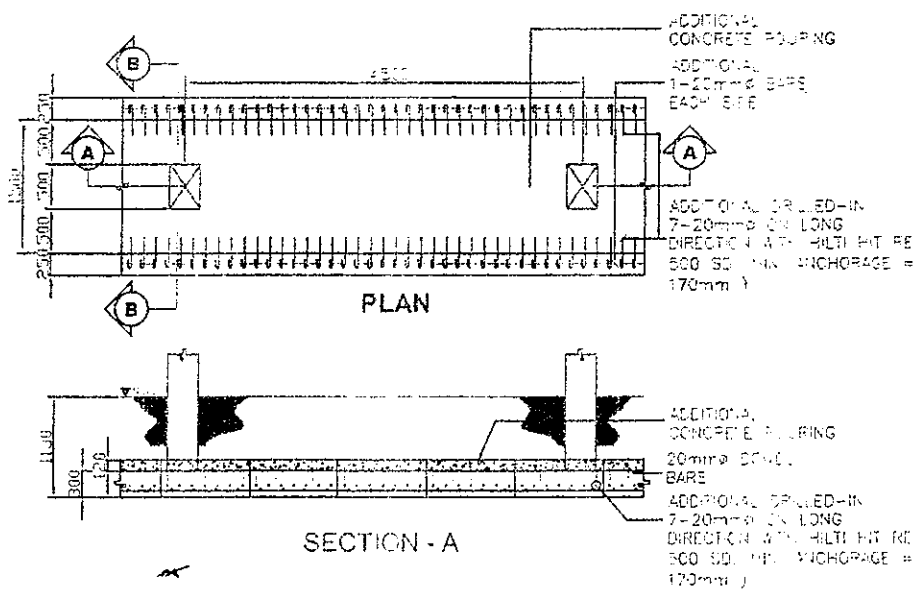


GIBMA Engineering Services

Design Construction Project Management Services

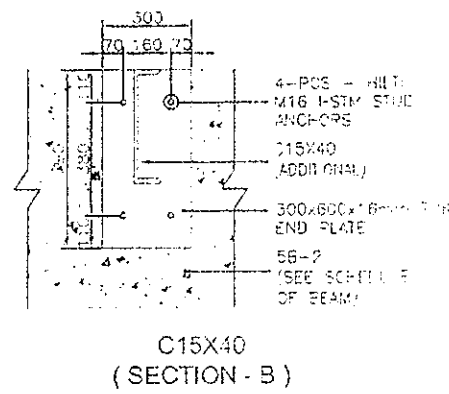
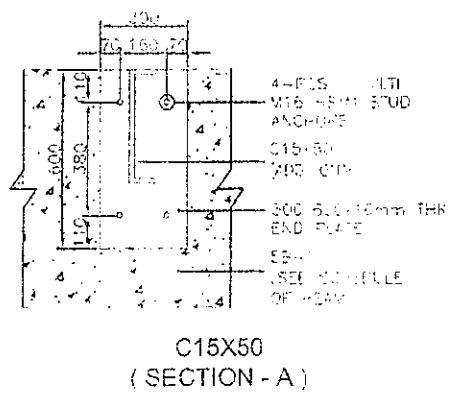
03 Kalikasan Street Korangalan Village Phase 2A, Dela Paz, Pasig City 1611
Tel. No.: 682 7114 Fax. No.: 652 8467 Cellphone No.: 0920 922441
URL: www.gibma.com E-mail: gibma2005@yahoo.com

CIVIL / STRUCTURAL ENGINEER:		PROJECT TITLE	OWNER:	DATE:	REVISION:	DESCRIPTION:	DESIGNED BY:	JVC	SHEET CONTENTS	DRAWING NO.
SIGNED GILBERT S. MAGBUTAY, R. 45EP		STRUCTURAL INVESTIGATION & DETAILED ENGINEERING FOR THE REHABILITATION OF BUILDINGS FOR DEPED	DEPARTMENT OF EDUCATION				ADD BY	BJMG	BONIFACIO BUILDINGS	S - 46
REG. NO.	000251	PTR. NO.	500423				DATE:		(RETROFITTING)	SHEET NO.:
DATE:	AUG. 1, 1999	ISSUED ON	JUN. 3, 2019				CHECKED BY:	GJM	FOOTING RETROFITTING DETAILS (F1-A, F1-B, F1-C, F1-D)	- / -
TIN:	135-459-011	ISSUED AT:	PASIG CITY				APPROVED BY:			
			DEPED COMPLEX MERALCO AVENUE PASIG CITY				DATE:			

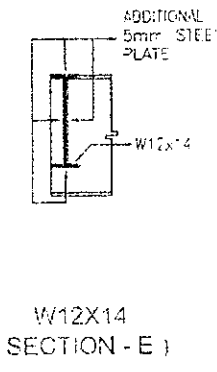
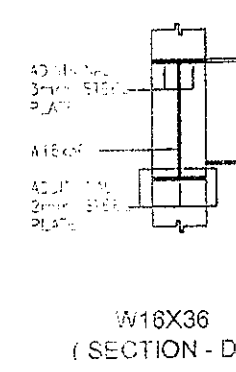
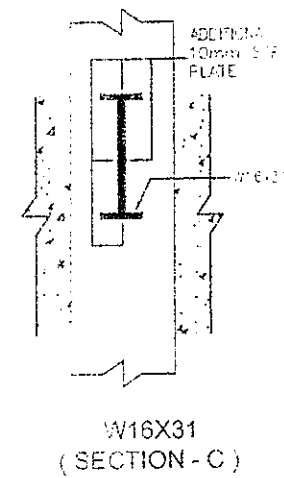


FOOTING RETROFITTING DETAILS (F2-A)

FOOTING RETROFITTING DETAILS (F2-B)



END PLATE DETAILS



STEEL BEAM (RETROFITTING)



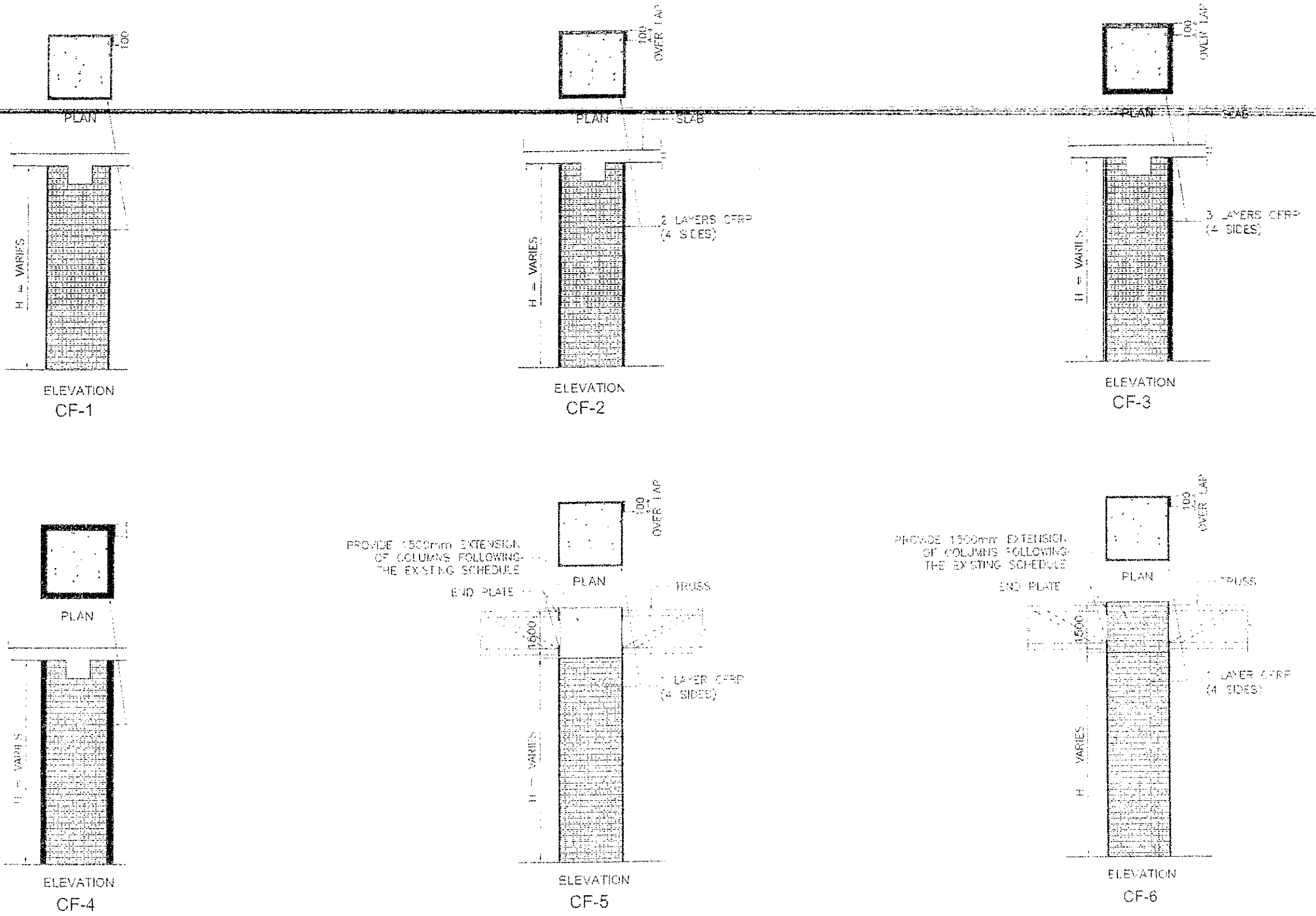
GIBMA Engineering Services

6th Floor, 15th Street, Phase 2A, Delta Plaza, Pasig City, Philippines
 Tel No: 632 7114 Fax No: 632 71157 Cellphone No: 920 52 5441
 E-mail: gibma2005@yahoo.com

DATE	REVISION	DESCRIPTION	DESIGNER	CHK	SHEET CONTENTS	DRAWING NO.
					EDIFICIO BUILDING	S - 47
					(RETROFITTING)	
					FOOTING RETROFITTING DETAILS (F2-A) - END PLATE DETAILS	
					STEEL BEAM (RETROFITTING)	- / -

NOTES:

- 1. CARBON FIBER PROPERTIES (MANUFACTURER):
- 2. AREAL WEIGHT = 800 g/m²
- 3. THICKNESS = 0.333 mm
- 4. TENSILE STRENGTH = 4800 MPa
- 5. TENSILE E-MODULUS = 230 GPa

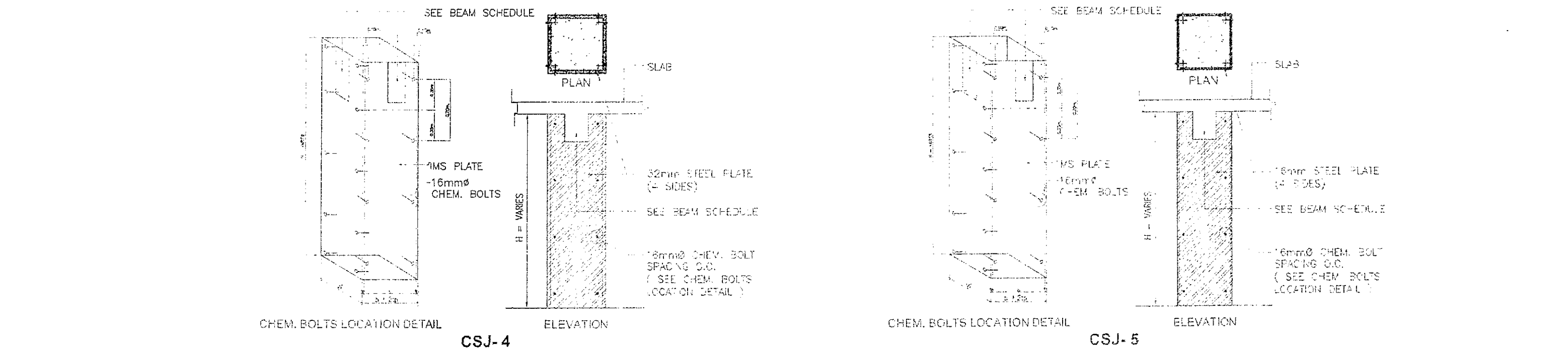
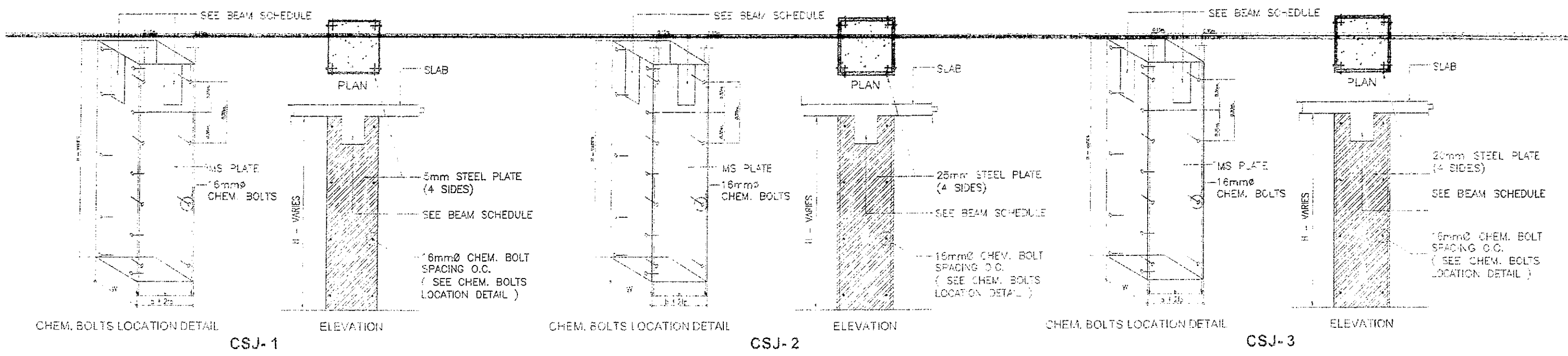


COLUMN CARBON FIBER REINFORCE POLYMER DETAILS
 S - 60
 NTS

GIBMA Engineering Services
 1100 West 10th Street, Suite 100, Vancouver, BC V6H 2G6
 Tel: 604-278-8888 Fax: 604-278-8889 Email: gibma@telus.net

DATE: 01/11/11
 DRAWN BY: [Signature]
 CHECKED BY: [Signature]
 APPROVED BY: [Signature]

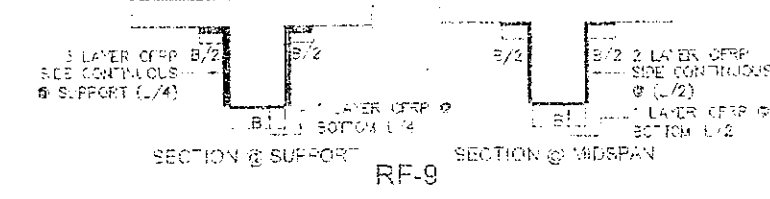
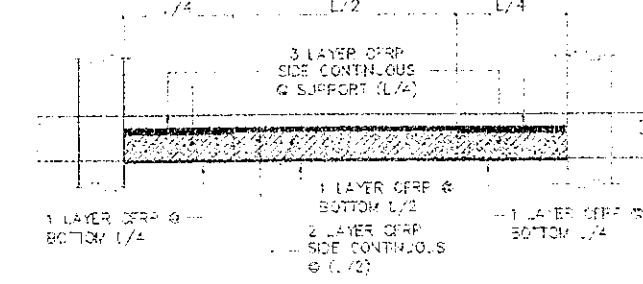
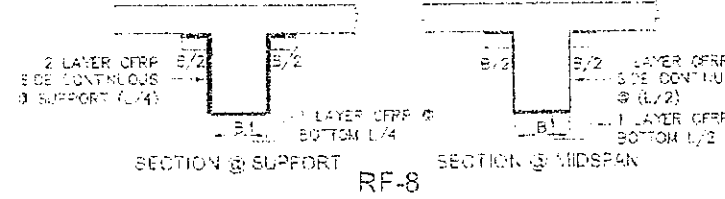
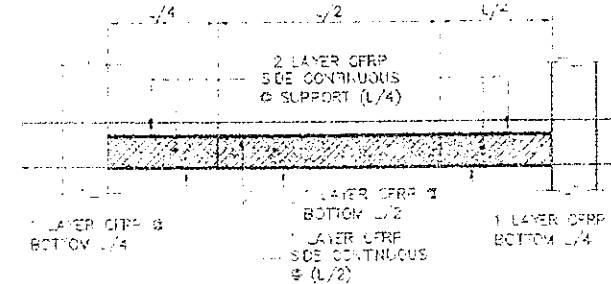
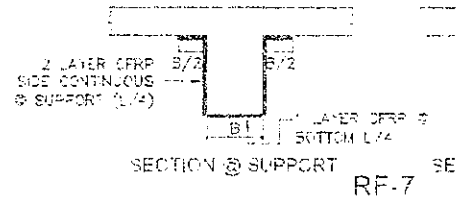
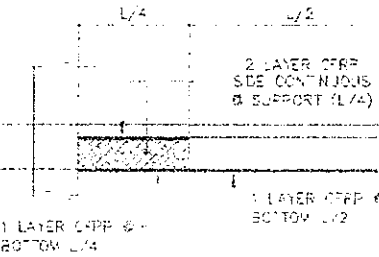
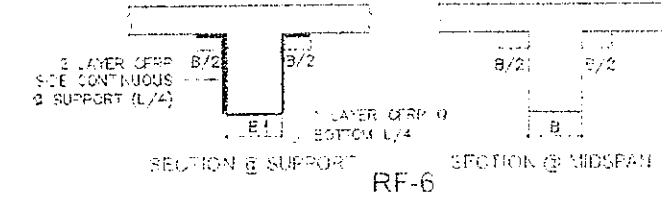
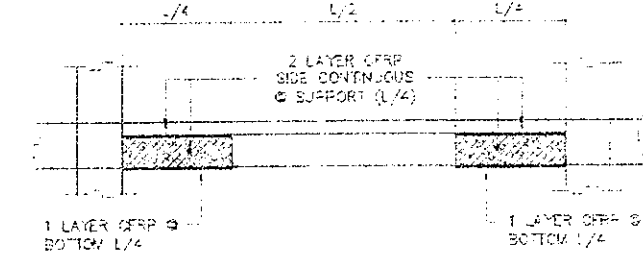
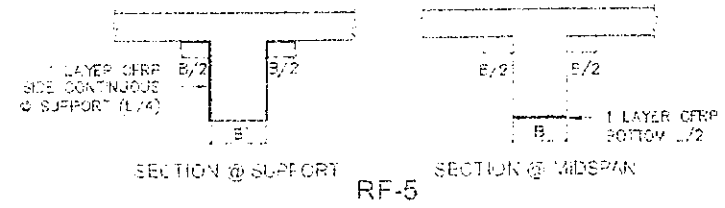
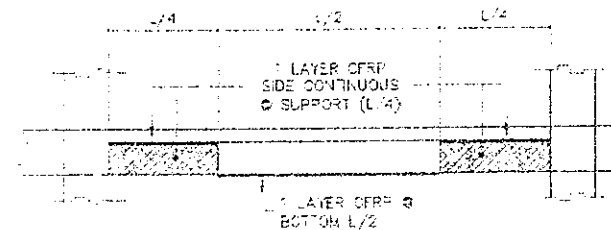
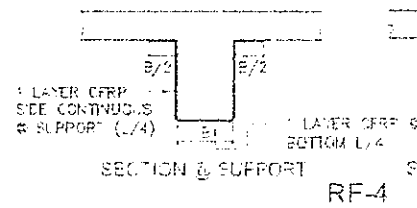
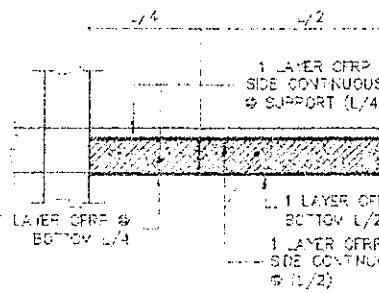
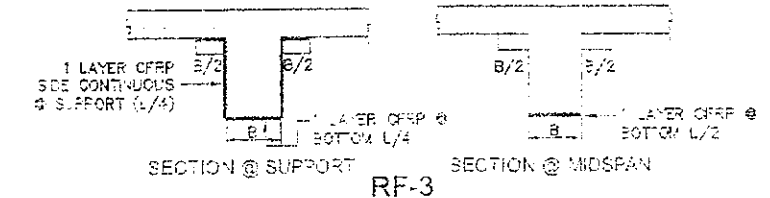
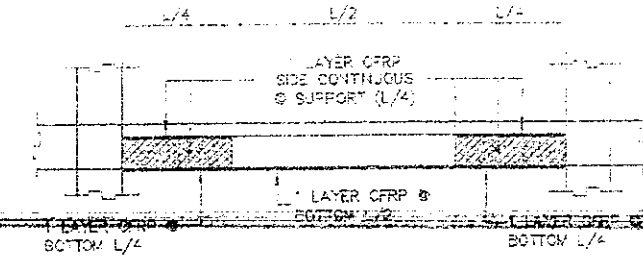
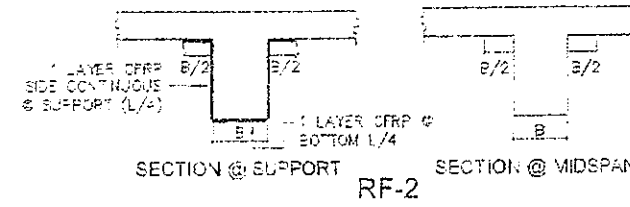
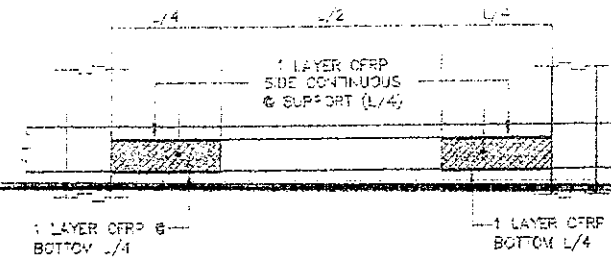
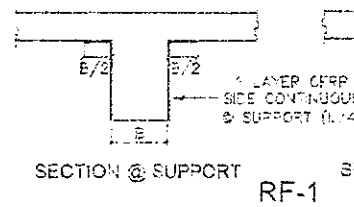
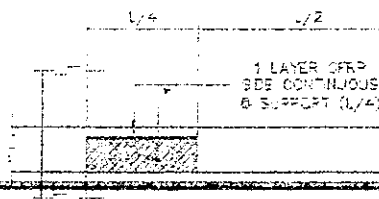
PROJECT	CLIENT	DATE	PROJECT	DESIGNED BY	OWN	PROJECT EXTENT	DRAWING NO.
STRUCTURAL INVESTIGATION & DETAILED ENGINEERING FOR THE REHABILITATION OF BUILDINGS FOR DEPED	DEPARTMENT OF EDUCATION	01/11/11	REPAIRS TO BE DONE	DAVID B. [Signature]	BC	REHABILITATION OF COLUMN CARBON FIBER REINFORCE POLYMER DETAILS	S - 60
DEPED COMPLEX IN VICTORIA, BRITISH COLUMBIA	DEPED COMPLEX IN VICTORIA, BRITISH COLUMBIA						60 / 64



COLUMN STEEL JACKETING DETAILS

<p>GIBMA Engineering Services 112-113, Jalan Ampang, Kuala Lumpur, Malaysia Tel: +603-2619 1111, Fax: +603-2619 1112, Email: gibma@comnet.com.my</p>	CIVIL STRUCTURAL ENGINEER GILBERT B. MAGDALAN (ASIP)	PROJECT TITLE STRUCTURAL INVESTIGATION & DETAILED ENGINEERING FOR THE REHABILITATION OF BUILDINGS FOR DEFED	CLIENT DEPARTMENT OF EDUCATION	DATE 1 AUG 2001	REVISIONS 1 2 3 4 5	APPROVALS SUPERVISOR CHECKED DRAWN DATE	REVISED BY CHECKED BY DATE	PROJECT NO. 136-458-B11	PROJECT NAME REHABILITATION OF BUILDINGS FOR DEFED COLUMN STEEL JACKETING DETAILS	DRAWING NO. S - 61 61 / 64
	REG. NO. 135281 MTR NO. 8504476	ISSUED ON AUG 1, 2001	ISSUED AT PASIG CITY	DRAWN BY GIBMA	CHECKED BY GIBMA	DATE 1 AUG 2001	DATE 1 AUG 2001	DATE 1 AUG 2001	DATE 1 AUG 2001	DATE 1 AUG 2001
	PROJECT NO. 136-458-B11	PROJECT NAME REHABILITATION OF BUILDINGS FOR DEFED	PROJECT LOCATION PASIG CITY	PROJECT CLIENT DEPARTMENT OF EDUCATION	PROJECT NO. 136-458-B11	PROJECT NAME REHABILITATION OF BUILDINGS FOR DEFED	PROJECT LOCATION PASIG CITY	PROJECT CLIENT DEPARTMENT OF EDUCATION	PROJECT NO. 136-458-B11	PROJECT NAME REHABILITATION OF BUILDINGS FOR DEFED
	PROJECT NO. 136-458-B11	PROJECT NAME REHABILITATION OF BUILDINGS FOR DEFED	PROJECT LOCATION PASIG CITY	PROJECT CLIENT DEPARTMENT OF EDUCATION	PROJECT NO. 136-458-B11	PROJECT NAME REHABILITATION OF BUILDINGS FOR DEFED	PROJECT LOCATION PASIG CITY	PROJECT CLIENT DEPARTMENT OF EDUCATION	PROJECT NO. 136-458-B11	PROJECT NAME REHABILITATION OF BUILDINGS FOR DEFED
	PROJECT NO. 136-458-B11	PROJECT NAME REHABILITATION OF BUILDINGS FOR DEFED	PROJECT LOCATION PASIG CITY	PROJECT CLIENT DEPARTMENT OF EDUCATION	PROJECT NO. 136-458-B11	PROJECT NAME REHABILITATION OF BUILDINGS FOR DEFED	PROJECT LOCATION PASIG CITY	PROJECT CLIENT DEPARTMENT OF EDUCATION	PROJECT NO. 136-458-B11	PROJECT NAME REHABILITATION OF BUILDINGS FOR DEFED

- NOTES:
 CARBON FIBER PROPERTIES (MM/MV)
 1. AREA WEIGHT = 600 g/m²
 2. THICKNESS = 0.303 mm
 3. TENSILE STRENGTH = 4900 MPa
 4. TENSILE ELONGATION = 230 %



CFRP THICKNESS
 0.303 mm

RF-9



BEAM CARBON FIBER REINFORCE POLYMER DETAILS

PROJECT NO.	OWNER	DATE	SCALE	DESIGNER	CHECKED BY	DATE	APPROVED BY	REVISIONS	SYMBOL
STRUCTURAL INVESTIGATION & DETAIL ENGINEERING FOR THE REHABILITATION OF BUILDINGS FOR DEPED	DEPARTMENT OF EDUCATION								S-62
									62 / 64

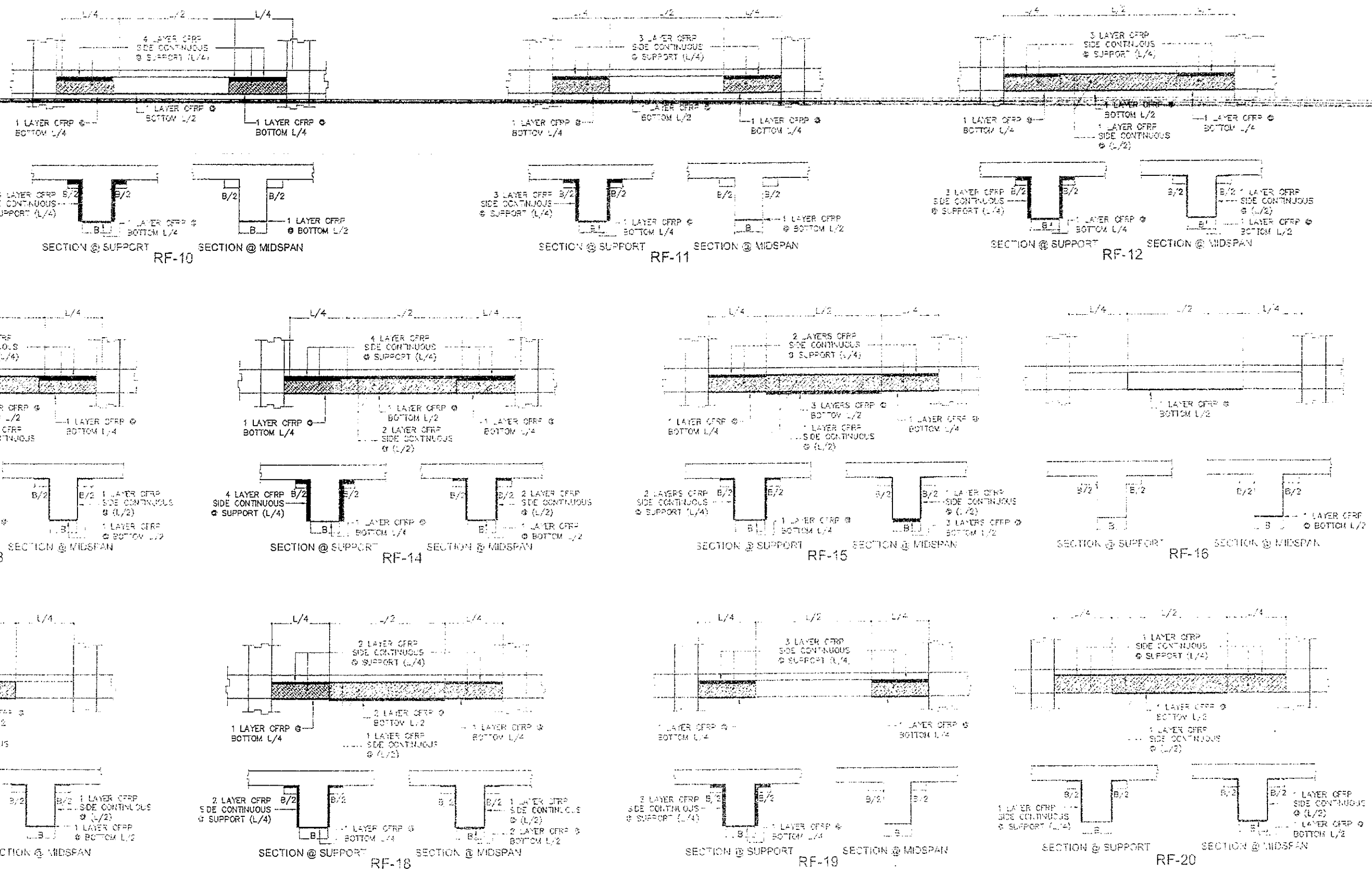
GIBMA Engineering Services



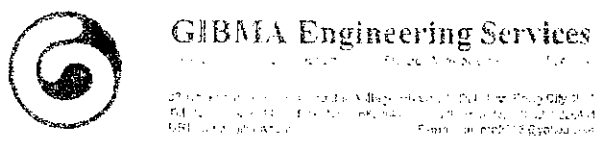
1101 N. ...
 ...
 ...

DATE	
BY	
FOR	

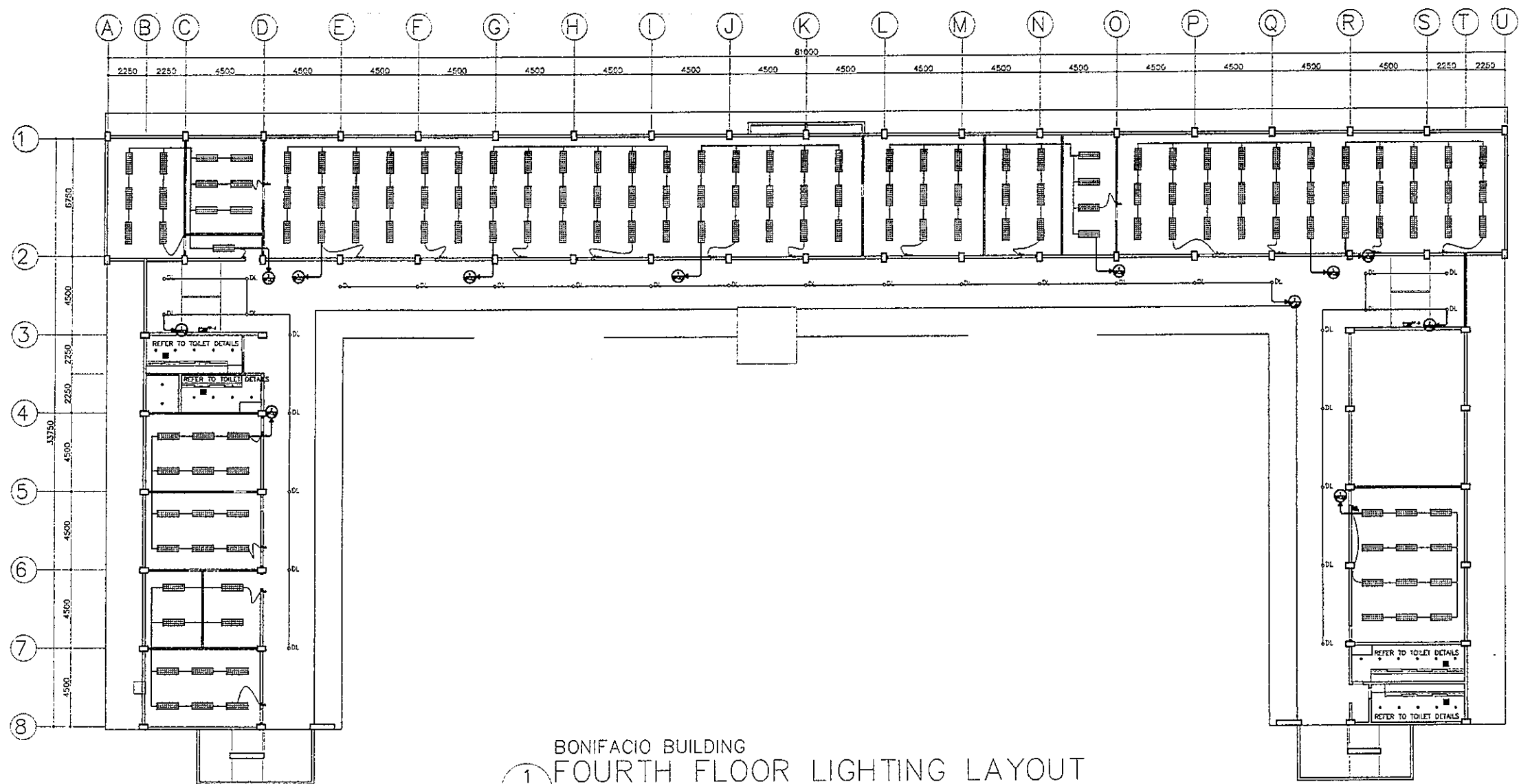
- NOTES:
 CARBON FIBER PROPERTIES (MINIMUM):
 1. AREAL WEIGHT = 600 g/m²
 2. THICKNESS = 0.333 mm
 3. TENSILE STRENGTH = 4900 MPa
 4. TENSILE E-MODULUS = 230 GPa



BEAM CARBON FIBER REINFORCE POLYMER DETAILS



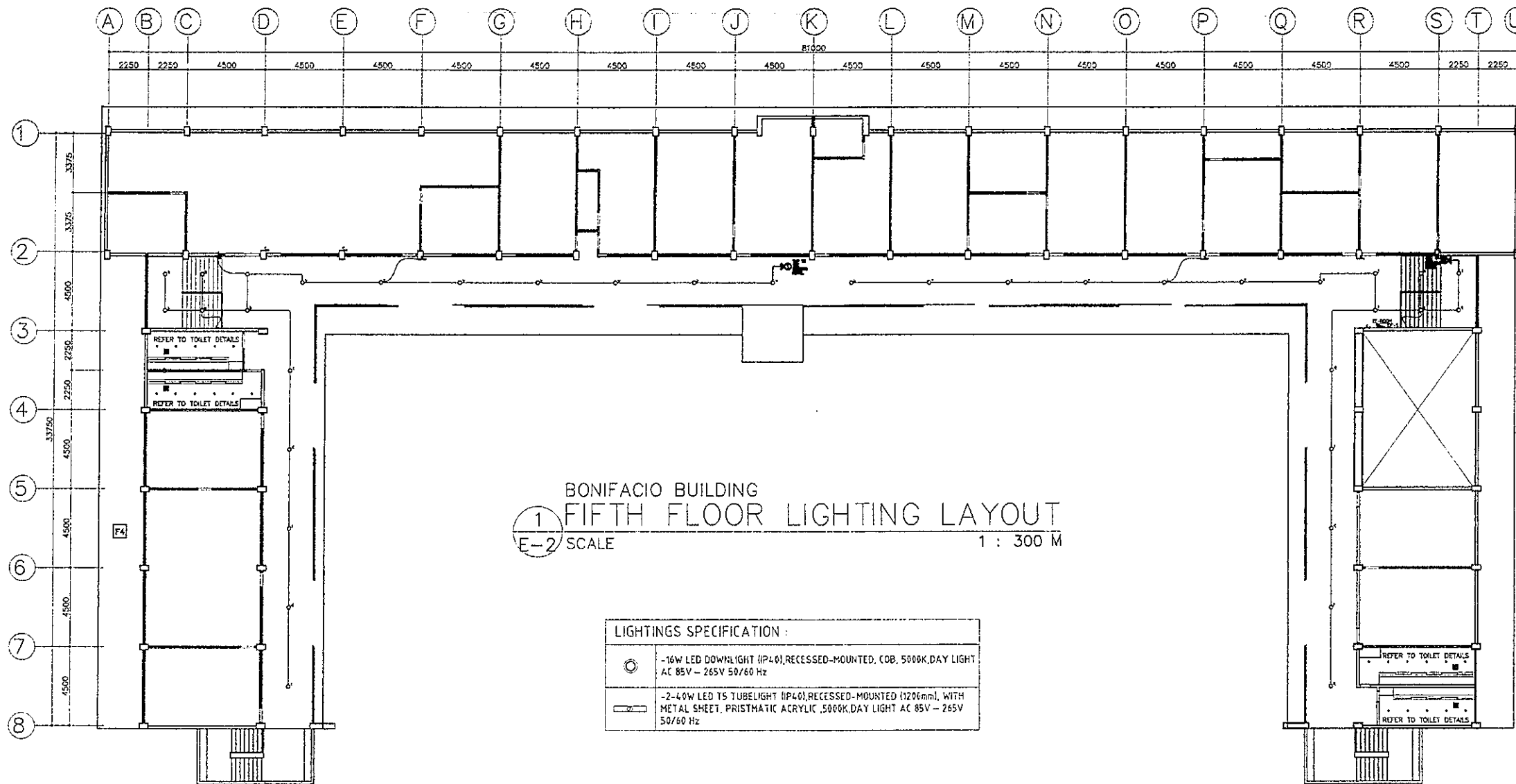
PROJECT NO. 0954416 DATE AUG. 1, 1999 ISSUED AT PASIG CITY	PROJECT TITLE STRUCTURAL INVESTIGATION & DETAILED ENGINEERING FOR THE REHABILITATION OF BUILDINGS FOR DEPED	CLIENT DEPARTMENT OF EDUCATION	DATE 2009	REVISIONS NO. 1 DATE 2009	DRAWING NO. S - 63	SHEET NO. 63 / 64
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1
E-1 SCALE

BONIFACIO BUILDING
FOURTH FLOOR LIGHTING LAYOUT
1 : 300 M

REPUBLIC OF THE PHILIPPINES DepED DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION AREA OFFICE - PANAMA CITY	DRAWN BY: JOHN PAUL B. LICARDO TECHNICAL ASSISTANT III/ELECTRICAL ENGINEER EFD-DepED	CHECKED BY: SIEGMUND M. SANCHEZ PROFESSIONAL ELECTRICAL ENGINEER EFD-DepED	RECOMMENDING APPROVAL: ANNABELLE A. PANGAN CHIEF, EFD DepED	RECOMMENDING APPROVAL: ROBERT M. AGUSTIN DIRECTOR IV ADMINISTRATIVE SERVICE	APPROVED BY: NOLASCO A. MEMPIN DEPUTY SECRETARY FOR ADMINISTRATION DepED	PROJECT TITLE: REPAIR/REHABILITATION OF VARIOUS DEPED CENTRAL OFFICE BUILDINGS -BONIFACIO BUILDING	PROJECT CODE: 	OWNER: DEPARTMENT OF EDUCATION DepED	SHEET NO: E-1 7
	SHEET CONTENTS: BONIFACIO BUILDING 4TH FLOOR LIGHTING LAYOUT								



 DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION 5000 C. M. RUSSO BLVD., PASIG CITY	DRAWN BY: JOHN PAUL B. LICARDO <small>TECHNICAL ASSISTANT II/ELECTRICAL ENGINEER OFD-DepED</small>	CHECKED BY: SIEGMUND M. SANCHEZ <small>PROFESSIONAL ELECTRICAL ENGINEER OFD-DepED</small>	RECOMMENDING APPROVAL: ANNABELLE P. PANGAN <small>CHIEF, OFD DepED</small>	RECOMMENDING APPROVAL: ROBERT M. AGUSTIN <small>DIRECTOR IV ADMINISTRATIVE SERVICE DepED</small>	APPROVED BY: NOLASCO A. MEMPIN <small>UNDERSECRETARY FOR ADMINISTRATION DepED</small>	PROJECT TITLE: REPAIR/REHABILITATION OF VARIOUS DEPED CENTRAL OFFICE BUILDINGS -BONIFACIO BUILDING	PROJECT CODE: 	OWNER: DEPARTMENT OF EDUCATION DepED	SHEET NO: <div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> E-2 7 </div>
	SHEET CONTENTS BONIFACIO BUILDING FIFTH FLOOR LIGHTING LAYOUT								

GENERAL NOTES

- ALL ELECTRICAL WORKS SHALL COMPLY IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS. THE APPLICABLE PROVISIONS OF THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE (PEC), THE RULES AND REGULATIONS OF THE LOCAL ENFORCING AUTHORITY AND THE REQUIREMENTS OF THE LOCAL POWER COMPANY. THE ELECTRICAL WORKS SHALL BE UNDER THE IMMEDIATE SUPERVISION OF A DULY REGISTERED ELECTRICAL ENGINEER.
- THE ELECTRICAL SERVICE POWER IS 1-PHASE, 2-WIRE + GROUND 230 V AC, 60 Hz.
- WIRING METHOD SHALL BE AS FOLLOWS :
 - FEEDERS AND RISERS - RIGID STEEL CONDUIT
 - LIGHTING, POWER RECEPTACLE - POLYVINYL CHLORIDE CONDUIT BRANCH CKT., & AUXILIARY THICK WALL
- ALL WIRES SHALL BE COPPER AND THERMOPLASTIC INSULATED TYPE "THHN" UNLESS OTHERWISE INDICATED IN THE PLAN. THE MINIMUM SIZE OF WIRE FOR POWER AND LIGHTING CIRCUIT HOMERUN SHALL BE 3.5mm² AND INSULATED FOR 600 VOLTS. SMALLEST RACEWAY SHALL BE 20mm Ø TRADE/NOMINAL SIZE.
- ALL OUTLET BOXES SHALL BE POLYVINYL CHLORIDE (PVC) TYPE WITH FACTORY KNOCKOUTS.
- ALL MATERIALS TO BE USED SHALL BE BRAND NEW AND APPROVED TYPE FOR THE PARTICULAR LOCATION AND PURPOSE OF USAGE.
- EQUIPMENT GROUNDING SYSTEM SHALL BE PROVIDED TO THE ELECTRICAL SYSTEM AS PER PHILIPPINE ELECTRICAL CODE REQUIREMENT.
- MOUNTING HEIGHT OF WIRING DEVICES SHALL BE AS FOLLOWS :
 - LIGHT SWITCH - 1.20 M ABOVE FINISH FLOOR
 - CONVENIENCE OUTLET - 0.30 M ABOVE FINISH FLOOR.
 - PANELBOARD - 1.80 M ABOVE FINISH FLOOR
 - FIRE ALARM STATION OUTLET - 1.50 M. ABOVE FINISH FLOOR
 - PUSH BUTTON OUTLET - 1.20 M ABOVE FINISH FLOOR
 - FIRE ALARM & VIBRATING BELL - 0.30 M BELOW CEILING LINE

LEGEND

SYMBOL	DESCRIPTION
S ₀	ONE GANG DEVICE SWITCH
S _{ab}	TWO GANG DEVICE SWITCH
S _{cd}	THREE GANG DEVICE SWITCH
3WS _x	THREE WAY ONE GANG DEVICE SWITCH
---	RACEWAY CONDUIT CONCEALED IN CEILING
---	RACEWAY CONDUIT CONCEALED UNDER FLOOR/GROUND
⌈	PANELBOARD, MARKED AS "MDP/DPA/DPB"
⌋	CKT. BREAKER, RATING AS INDICATED
⊕	GFCI GFCI DUPLEX CONVENIENCE OUTLET, UNIVERSAL SLOTS, GROUNDING TYPE, 16 AMPS, 250 VOLT
⊖	CIRCUIT HOMERUN
⊙	SERVICE METER
⊕	SERVICE ENTRANCE

NOTES FOR DEMOLITION :

- FOR EXISTING EQUIPMENT, SUCH AS LIGHTING FIXTURES, WIRING DEVICES, CONDUITS, ETC., SHOWN ON PLANS TO BE REMOVED, COMPLETELY CUT/CAP CONDUIT AT THE AREA OF WORK PERIMETER AND REMOVE CONDUIT WITHIN THE WORK AREA, DISCONNECT WIRING AT THE OVERCURRENT PROTECTIVE DEVICE AND REMOVE WIRING COMPLETELY FROM THE ABANDONED CONDUITS.
- DISCONNECT ALL ABANDONED WIRING OF ALL TYPES AT THE OVERCURRENT PROTECTIVE DEVICE. COMPLETELY REMOVED ALL ABANDONED WIRING.

**BONIFACIO WEST WING - GF, 3F, 5F
SCHEDULE OF LOADS**

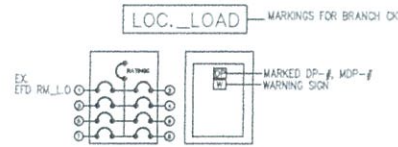
PANEL LOCATION	VERIFY LOCATION	SCHEDULE OF LOADS		MAIN FEEDER SIZE		MAIN BREAKER SIZE								
		TYPE	THHN	X	G	R,B	AT							
SYSTEM	NEMA 1	230 V, 1PH, 60HZ												
CT. NO.	DESCRIPTION	VOLT-AMPERE	VOLT	AMPERE	AB	BC	CD	3Ø	AT	AF	P	X	G	CONDUIT SIZE
2	2 - EXHAUST FAN 11 - LED DOWN LIGHT (RECESSED MOUNTED) 12 - LED TS TUBE LIGHT 2 - GFCI CONVENIENCE OUTLET	1750	230	7.61					20	50	2	2- 3.5 mm ²	2- 3.5 mm ²	20 mm Ø PVC
TOTAL		1750.00		7.61										

CONDUCTOR IDENTIFICATION : COLOR CODING

- GROUNDING CONDUCTORS - CONTINUOUS WHITE OR GRAY
- EQUIPMENT GROUNDING CONDUCTORS - GREEN
- UNGROUNDING CONDUCTORS - RED OR BLACK
- MEANS OF IDENTIFICATION SHALL BE PERMITTED TO BE BY SEPARATED COLOR CODING, MARKING TAPE, TAGGING OR OTHER APPROVED MEANS.

ELECTRICAL IDENTIFICATION : PANEL BOARD

- NEW BRANCH CIRCUITS SHALL BE LABELED AT THE ORIGINATING PANELBOARD, ON THE PANELBOARD LEGEND. THEY SHALL BE ALSO LABELED AT THE LOAD END ON THE RECEPTACLE, LIGHT SWITCH, OR THE PIECE OF EQUIPMENT.



**BONIFACIO WEST WING - 4F
SCHEDULE OF LOADS**

PANEL LOCATION	VERIFY LOCATION	SCHEDULE OF LOADS		MAIN FEEDER SIZE		MAIN BREAKER SIZE								
		TYPE	THHN/THWN	X	G	R,Y,B,K	AT							
SYSTEM	NEMA 1	230 V, 1PH, 60HZ												
CT. NO.	DESCRIPTION	V	VA	AMPERES	AB	BC	CD	3Ø	AT	AF	P	X	G	CONDUIT SIZE (mmØ)
1	3-24W LED DOWNLIGHT	230	630.00	2.74					20	50	2	2- 3.5	1- 3.5	20 PVC
2	40W LED LIGHTS PANEL	230	1540.00	6.70					20	50	2	2- 3.5	1- 3.5	20 PVC
3	40W LED LIGHTS PANEL	230	910.00	3.94					20	50	2	2- 3.5	1- 3.5	20 PVC
4	40W LED LIGHTS PANEL	230	1260.00	5.48					20	50	2	2- 3.5	1- 3.5	20 PVC
5	40W LED LIGHTS PANEL	230	1260.00	5.48					20	50	2	2- 3.5	1- 3.5	20 PVC
6	40W LED LIGHTS PANEL	230	1050.00	4.57					20	50	2	2- 3.5	1- 3.5	20 PVC

**BONIFACIO EAST WING - 4F
SCHEDULE OF LOADS**

PANEL LOCATION	VERIFY LOCATION	SCHEDULE OF LOADS		MAIN FEEDER SIZE		MAIN BREAKER SIZE								
		TYPE	THHN/THWN	X	G	R,Y,B,K	AT							
SYSTEM	NEMA 1	230 V, 1PH, 60HZ												
CT. NO.	DESCRIPTION	V	VA	AMPERES	AB	BC	CD	3Ø	AT	AF	P	X	G	CONDUIT SIZE (mmØ)
1	3-24W LED DOWNLIGHT	230	630.00	2.74					20	50	2	2- 3.5	1- 3.5	20 PVC
2	1-24W LED DOWNLIGHT	230	630.00	2.74					20	50	2	2- 3.5	1- 3.5	20 PVC
3	1-24W LED DOWNLIGHT	230	910.00	3.94					20	50	2	2- 3.5	1- 3.5	20 PVC
4	40W LED LIGHTS PANEL	230	1050.00	4.57					20	50	2	2- 3.5	1- 3.5	20 PVC
5	40W LED LIGHTS PANEL	230	1260.00	5.48					20	50	2	2- 3.5	1- 3.5	20 PVC
6	40W LED LIGHTS PANEL	230	1320.00	5.78					20	50	2	2- 3.5	1- 3.5	20 PVC

**BONIFACIO BUILDING - 5TH FLOOR
SCHEDULE OF LOADS**

PANEL LOCATION	VERIFY LOCATION	SCHEDULE OF LOADS		MAIN FEEDER SIZE		MAIN BREAKER SIZE								
		TYPE	THHN	X	G	R,B	AT							
SYSTEM	NEMA 1	230 V, 1PH, 60HZ												
CT. NO.	DESCRIPTION	VOLT-AMPERE	VOLT	AMPERE	AB	BC	CD	3Ø	AT	AF	P	X	G	CONDUIT SIZE
1	11 - LED DOWN LIGHT	1790	230	7.78					20	50	2	2- 3.5 mm ²		20 mm Ø PVC
2	11 - LED DOWN LIGHT	1790	230	7.78					20	50	2	2- 3.5 mm ²		20 mm Ø PVC
TOTAL		3580.00		15.57										

**BONIFACIO WEST WING - 4F
SCHEDULE OF LOADS**

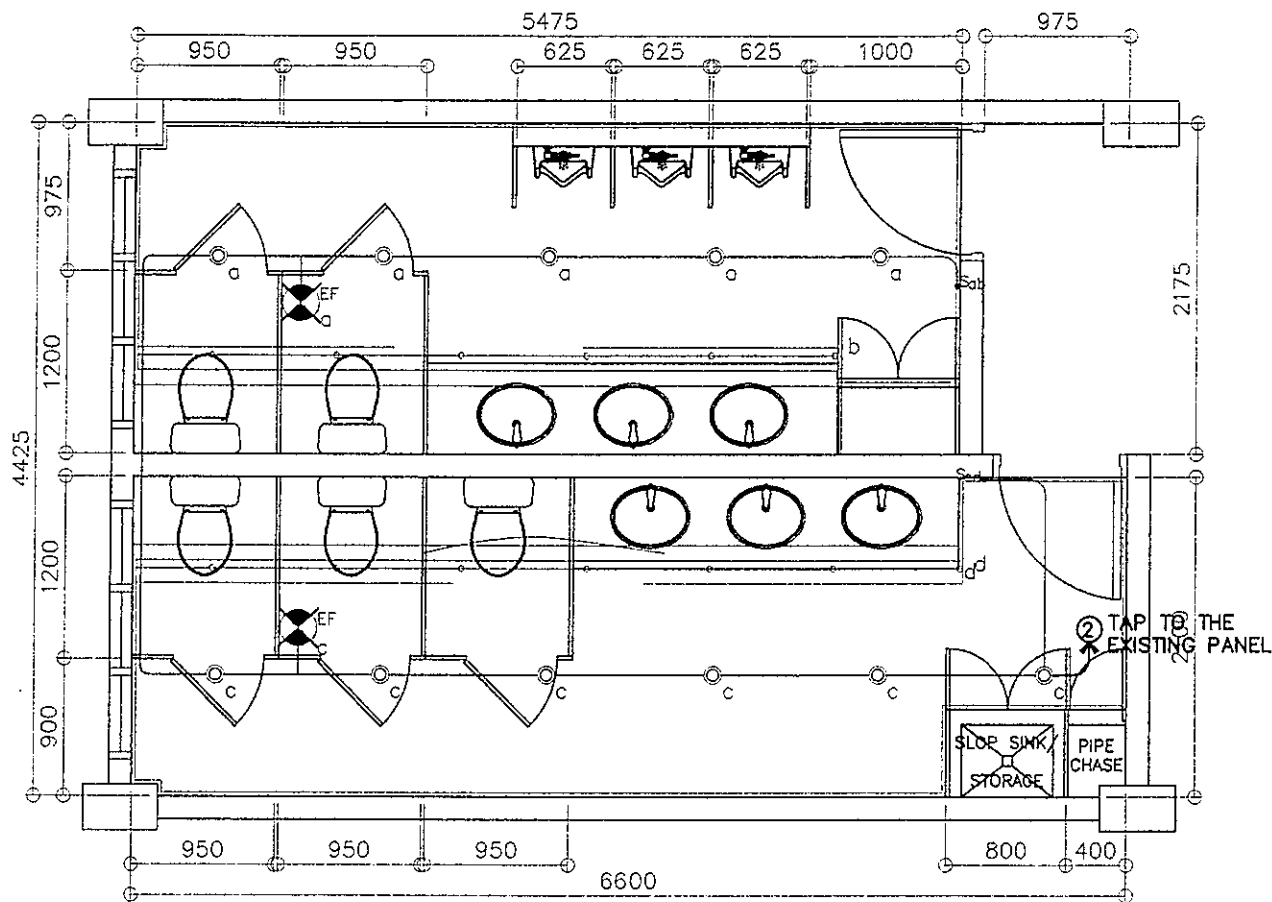
PANEL LOCATION	VERIFY LOCATION	SCHEDULE OF LOADS		MAIN FEEDER SIZE		MAIN BREAKER SIZE								
		TYPE	THHN	X	G	R,B	AT							
SYSTEM	NEMA 1	230 V, 1PH, 60HZ												
CT. NO.	DESCRIPTION	VOLT-AMPERE	VOLT	AMPERE	AB	BC	CD	3Ø	AT	AF	P	X	G	CONDUIT SIZE
1	3 - EXHAUST FAN 11 - LED DOWN LIGHT (RECESSED MOUNTED) 12 - LED TS TUBE LIGHT 2 - GFCI CONVENIENCE OUTLET	1930	230	8.39					20	50	2	2- 3.5 mm ²	2- 3.5 mm ²	20 mm Ø PVC
TOTAL		1930.00		8.39										

**BONIFACIO EAST WING - GF TO 5F
SCHEDULE OF LOADS**

PANEL LOCATION	VERIFY LOCATION	SCHEDULE OF LOADS		MAIN FEEDER SIZE		MAIN BREAKER SIZE								
		TYPE	THHN	X	G	R,B	AT							
SYSTEM	NEMA 1	230 V, 1PH, 60HZ												
CT. NO.	DESCRIPTION	VOLT-AMPERE	VOLT	AMPERE	AB	BC	CD	3Ø	AT	AF	P	X	G	CONDUIT SIZE
1	2 - EXHAUST FAN 11 - LED DOWN LIGHT (RECESSED MOUNTED) 13 - LED TS TUBE LIGHT 2 - GFCI CONVENIENCE OUTLET	1790	230	7.78					20	50	2	2- 3.5 mm ²	2- 3.5 mm ²	20 mm Ø PVC
TOTAL		1790.00		7.78										

**BONIFACIO WEST WING - 2F
SCHEDULE OF LOADS**

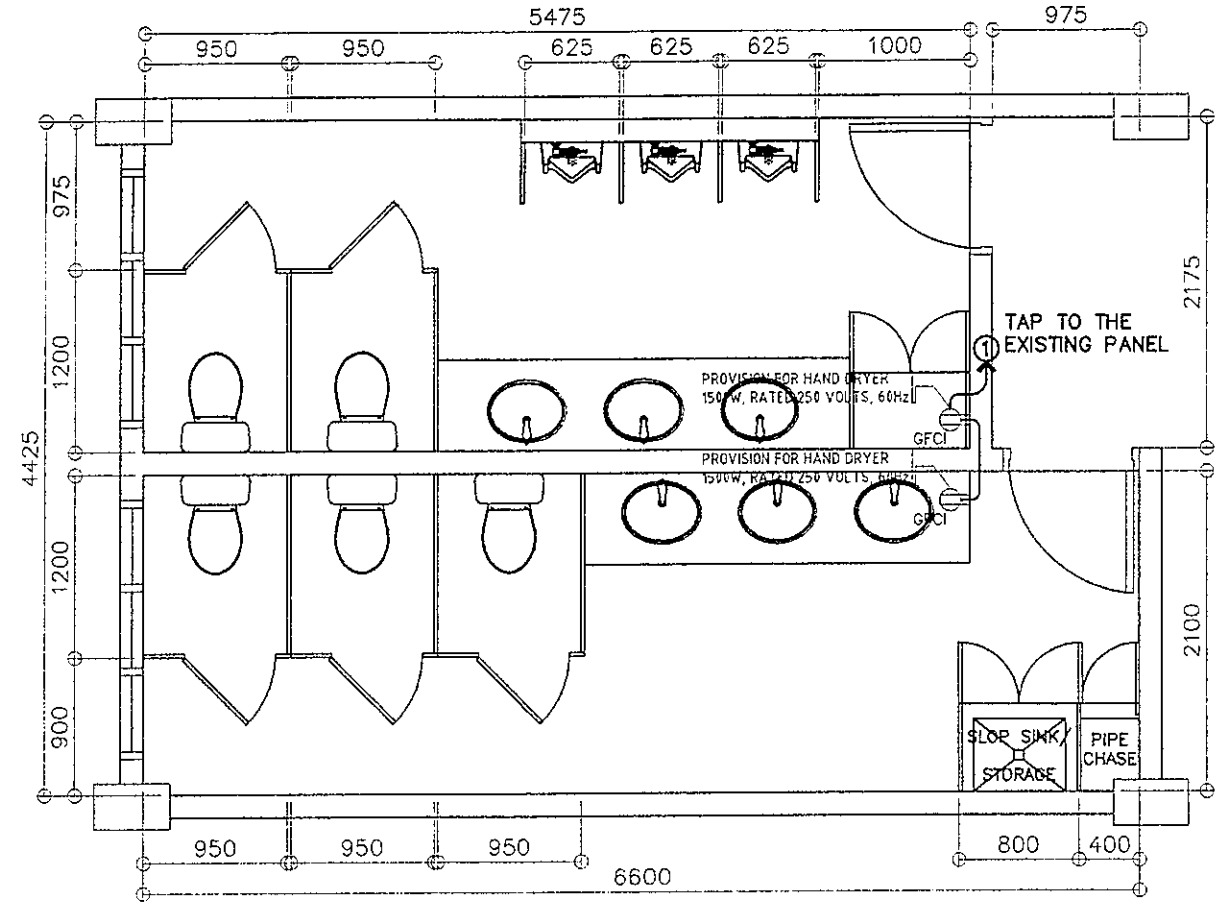
PANEL LOCATION	VERIFY LOCATION	SCHEDULE OF LOADS		MAIN FEEDER SIZE		MAIN BREAKER SIZE								
		TYPE	THHN	X	G	R,B	AT							
SYSTEM	NEMA 1	230 V, 1PH, 60HZ												
CT. NO.	DESCRIPTION	VOLT-AMPERE	VOLT	AMPERE	AB	BC	CD	3Ø	AT	AF	P	X	G	CONDUIT SIZE
1	3 - EXHAUST FAN 11 - LED DOWN LIGHT (RECESSED MOUNTED) 12 - LED TS TUBE LIGHT 2 - GFCI CONVENIENCE OUTLET	1930	230	8.39					20	50	2	2- 3.5 mm ²	2- 3.5 mm ²	20 mm Ø PVC
TOTAL		1930.00		8.39										



1
E-4 SCALE

BONIFACIO LEFT WING - GF, 3F, 5F
TYP TOILETS - LIGHTING LAYOUT

1 : 50 M



2
E-4 SCALE

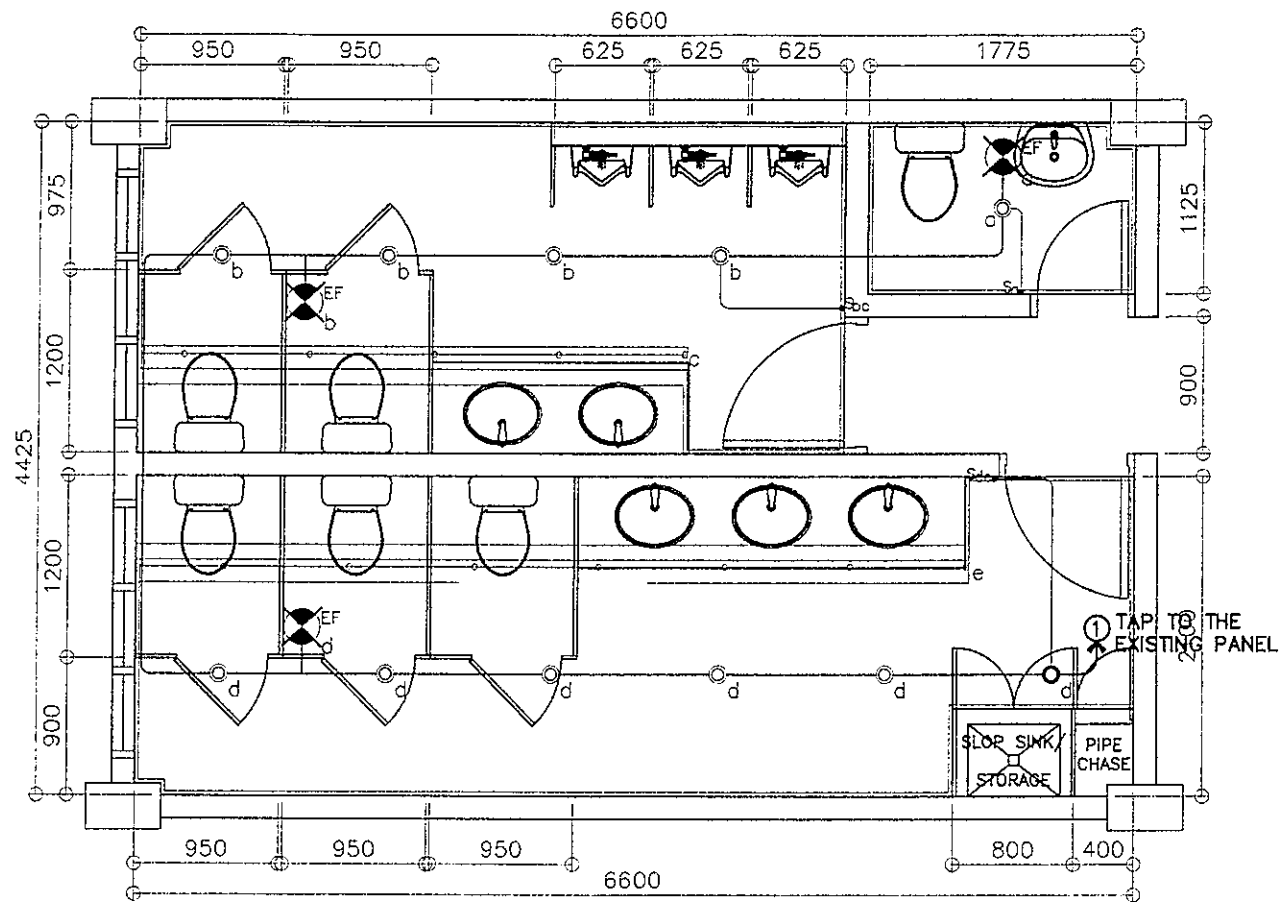
BONIFACIO LEFT WING - GF, 3F, 5F
TYP TOILETS - POWER LAYOUT

1 : 50 M

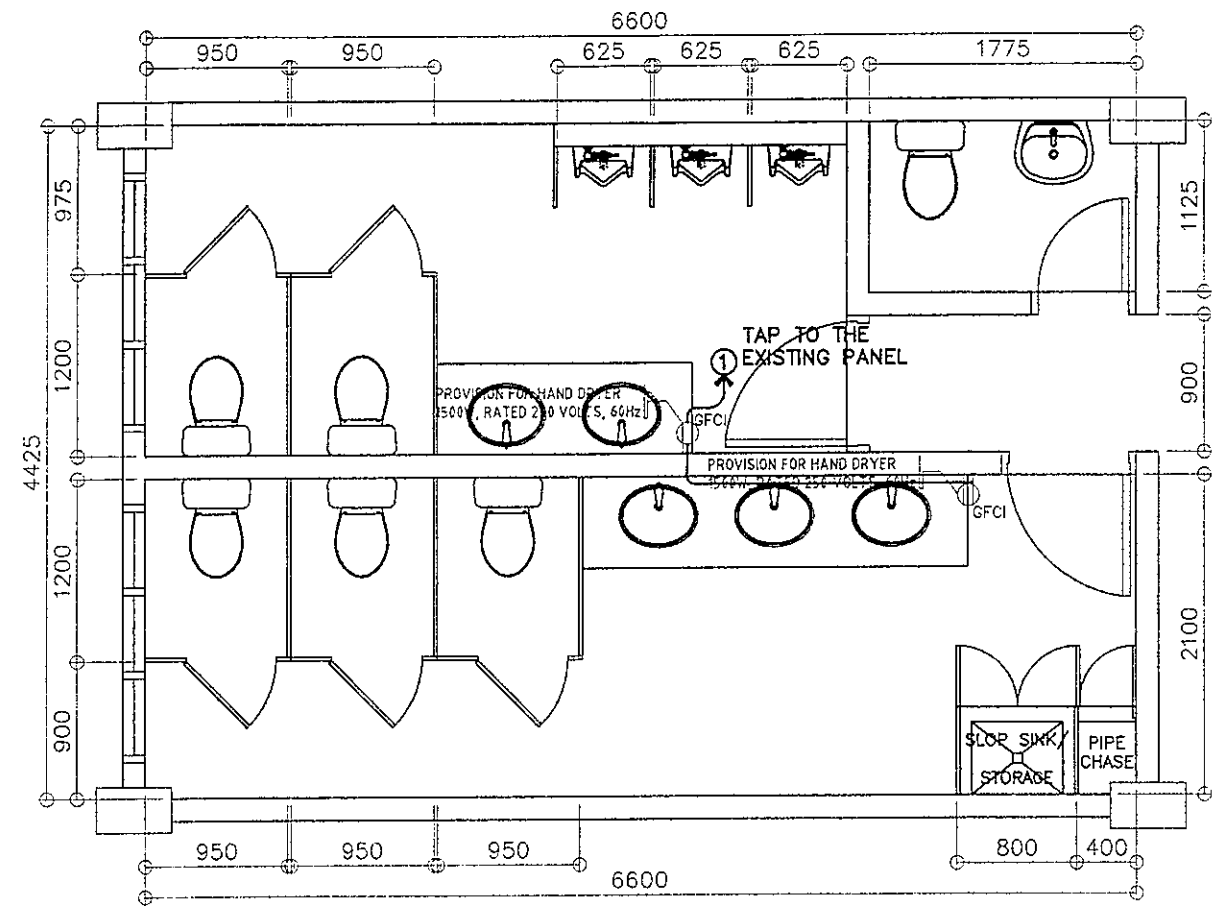
LIGHTING SPECIFICATION :

- - 14W LED DOWN LIGHT (IP40), RECESSED MOUNTED, 2700-3000K, WARM LIGHT AC 85V - 265V, 60Hz
- 16W T5 LED TUBE LIGHT (900mm), COVE LIGHT, WITH T5 CONNECTOR 2700-3000K, WARM LIGHT AC 85V - 265V, 60Hz

<p>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF EDUCATION EDUCATIONAL AFFAIRS DIVISION MERCED AVENUE, PASIG CITY</p>	<p>DRAWN BY:</p> <p><i>John Paul B. Licardo</i> JOHN PAUL B. LICARDO TECHNICAL ASSISTANT / ELECTRICAL ENGINEER DepED</p>	<p>CHECKED BY:</p> <p><i>Siegund M. Sanchez</i> SIEGMUND M. SANCHEZ PROFESSIONAL ELECTRICAL ENGINEER DepED</p>	<p>RECOMMENDING APPROVAL:</p> <p><i>Annabelle K. Pangan</i> ANNABELLE K. PANGAN REF. ETC. DepED</p>	<p>RECOMMENDING APPROVAL:</p> <p><i>Robert M. Agustin</i> ROBERT M. AGUSTIN DIRECTOR IV ADMINISTRATIVE SERVICE DepED</p>	<p>APPROVED BY:</p> <p><i>Nolasco A. Mempin</i> NOLASCO A. MEMPIN UNDERSECRETARY FOR ADMINISTRATION DepED</p>	<p>PROJECT TITLE:</p> <p>REPAIR/REHABILITATION OF VARIOUS DEPED CENTRAL OFFICE BUILDINGS - BONIFACIO BUILDING</p>	<p>PROJECT CODE:</p>	<p>OWNER:</p> <p>DEPARTMENT OF EDUCATION DepED</p>	<p>SHEET NO.</p> <p>E-4 7</p>
	<p>LOCATION:</p>						<p>SHEET CONTENTS:</p> <p>GF, 3F, 5F LEFT WING LIGHTING LAYOUT GF, 3F, 5F LEFT WING POWER LAYOUT</p>		



1 BONIFACIO LEFT WING
2F TOILETS – LIGHTING LAYOUT
E-5 SCALE 1 : 50 M

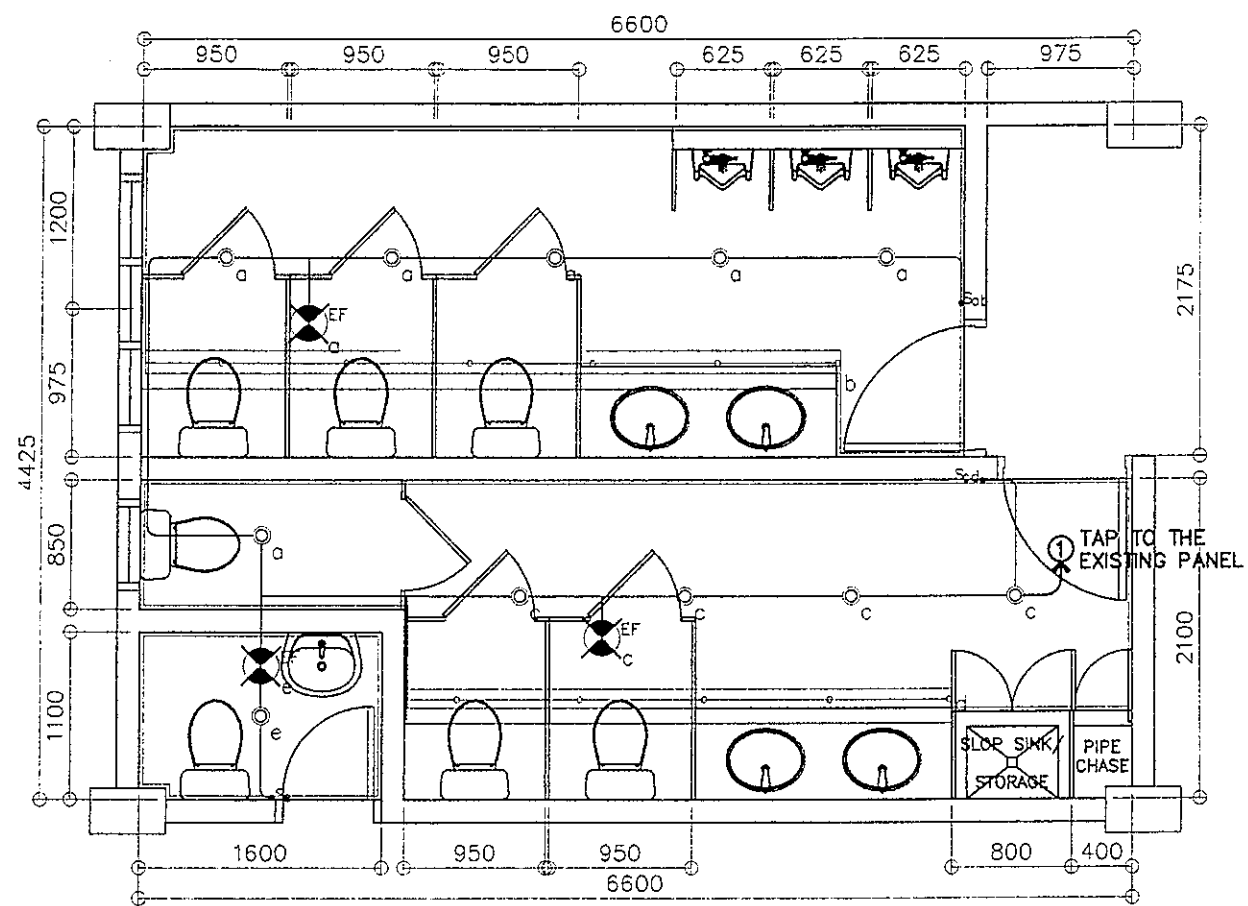


2 BONIFACIO LEFT WING
2F TOILETS – POWER LAYOUT
E-5 SCALE 1 : 50 M

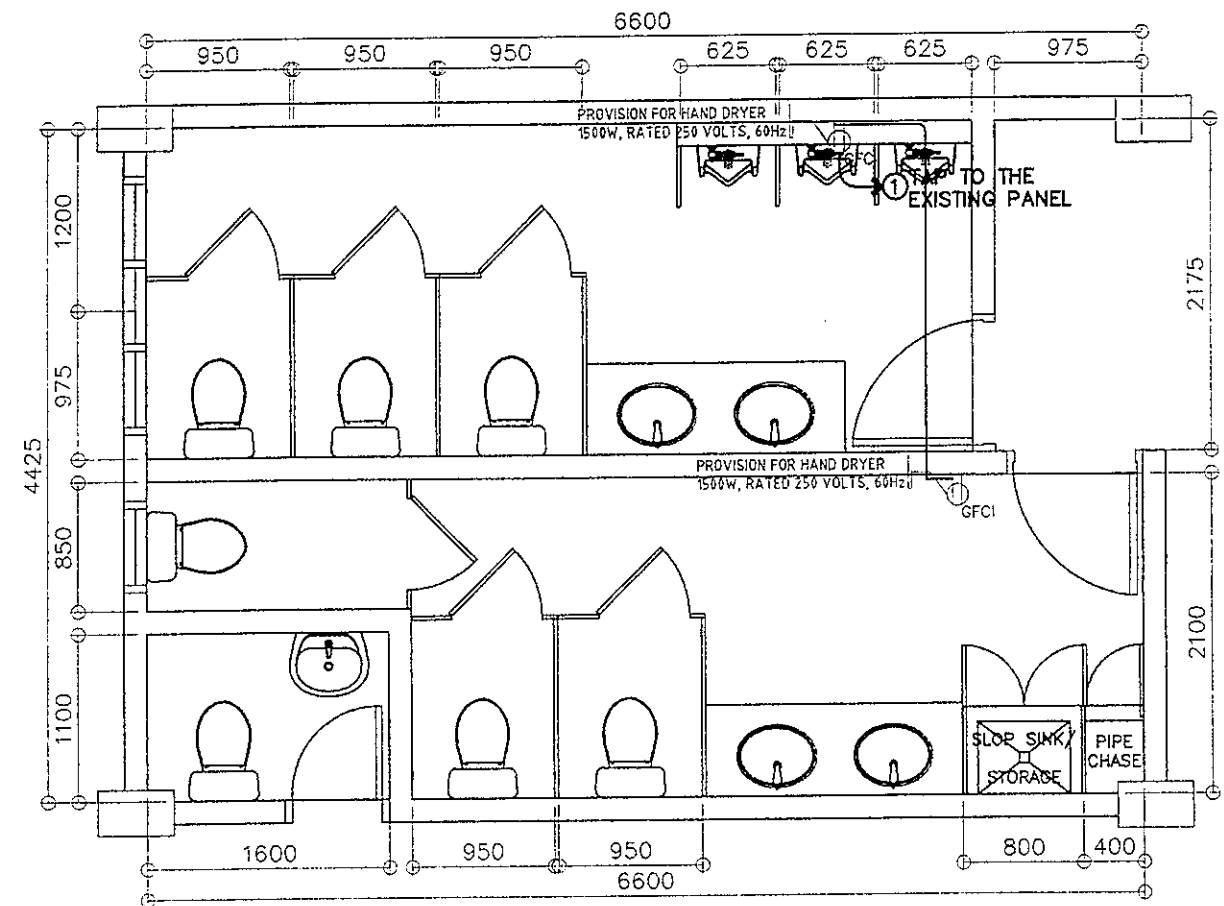
LIGHTING SPECIFICATION :

- ⊙ - 14W LED DOWN LIGHT (IP40), RECESSED MOUNTED, 2700-3000K, WARM LIGHT AC 85V - 265V, 60Hz
- 16W T5 LED TUBE LIGHT (900mm), COVE LIGHT, WITH T5 CONNECTOR 2700-3000K, WARM LIGHT AC 85V - 265V, 60Hz

<p>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MERRILL ROAD, PASIG CITY</p>	DRAWN BY : JOHN PAUL B. LICARDO <small>TECHNICAL ASSISTANT (ELECTRICAL ENGINEER) EFD-DepED</small>	CHECKED BY : SIEGMUND M. SANCHEZ <small>PROFESSIONAL ELECTRICAL ENGINEER EFD-DepED</small>	RECOMMENDING APPROVAL : ANNABELLE R. PANGAN <small>CHEF, EFD DepED</small>	RECOMMENDING APPROVAL : ROBERT M. AGUSTIN <small>DIRECTOR IV ADMINISTRATIVE SERVICE</small>	APPROVED BY : DOLASCO A. MEMPIN <small>UNDERSECRETARY FOR ADMINISTRATION DepED</small>	PROJECT TITLE : REPAIR/REHABILITATION OF VARIOUS DEPED CENTRAL OFFICE BUILDINGS -BONIFACIO BUILDING LOCATION :	PROJECT CODE :	OWNER : DEPARTMENT OF EDUCATION DepED SHEET NO. : DE LEFT WING LIGHTING LAYOUT 2F LEFT WING POWER LAYOUT	SHEET NO. : E-5 7
	LIGHTING SPECIFICATION :								



1 BONIFACIO LEFT WING
4F TOILETS- LIGHTING LAYOUT
E-6 SCALE 1 : 50 M

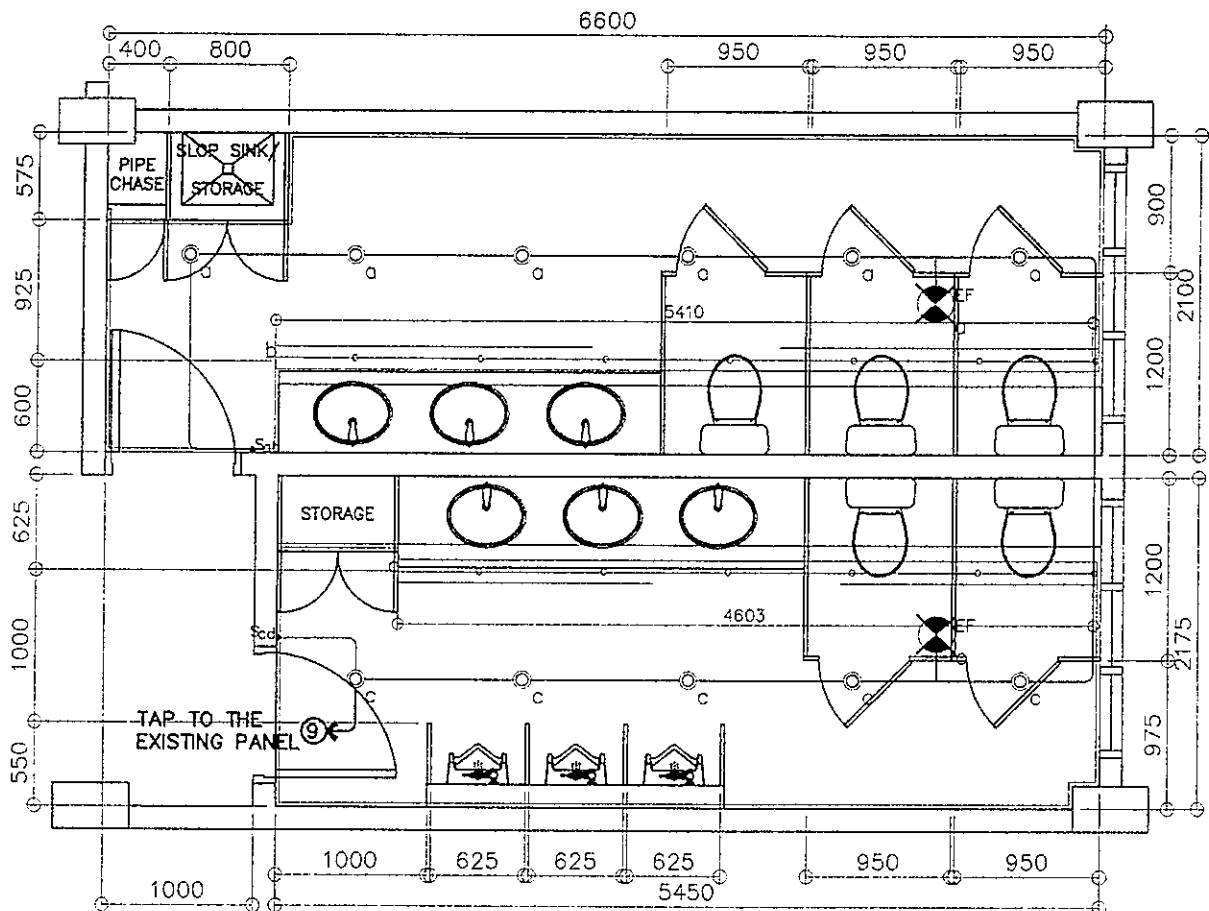


2 BONIFACIO LEFT WING
4F TOILETS- POWER LAYOUT
E-6 SCALE 1 : 50 M

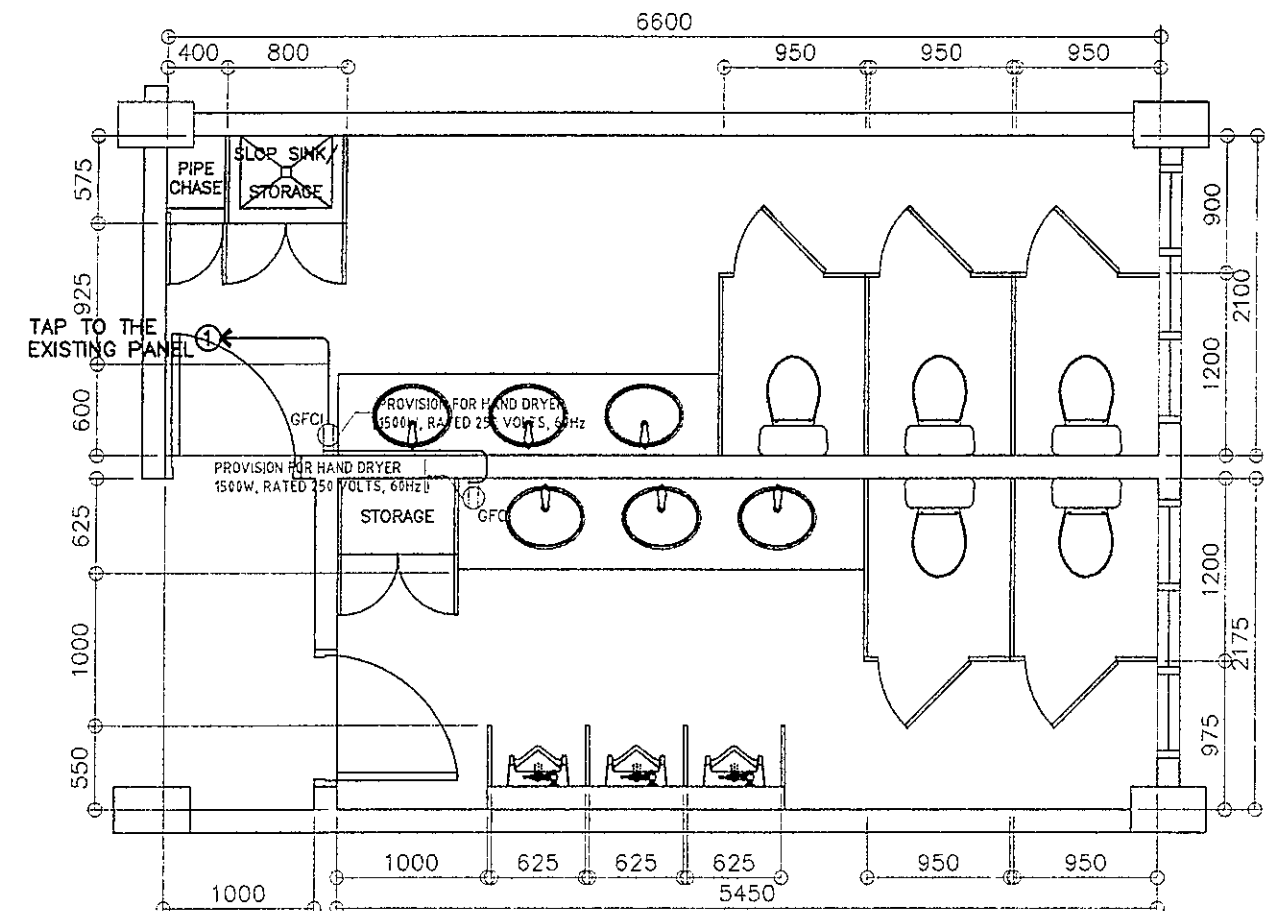
LIGHTING SPECIFICATION :

- - 14W LED DOWN LIGHT (IP40), RECESSED MOUNTED, 2700-3000K, WARM LIGHT AC 85V - 265V, 60Hz
- 16W T5 LED TUBE LIGHT (900mm), COVE LIGHT, WITH T5 CONNECTOR, 2700-3000K, WARM LIGHT AC 85V - 265V, 60Hz

<p>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MERRILL CORRALAN, PASIG CITY</p>	<p>DRAWN BY :</p> <p><i>John Paul B. Licardo</i> JOHN PAUL B. LICARDO TECHNICAL ASSISTANT II, ELECTRICAL ENGINEER DepED</p>	<p>CHECKED BY :</p> <p><i>Siegmond M. Sanchez</i> SIEGMUND M. SANCHEZ PROFESSIONAL ELECTRICAL ENGINEER DepED</p>	<p>RECOMMENDING APPROVAL :</p> <p><i>Annabelle R. Pangan</i> ANNABELLE R. PANGAN CHIEF, OFD DepED</p>	<p>RECOMMENDING APPROVAL :</p> <p><i>Robert M. Agustin</i> ROBERT M. AGUSTIN DIRECTOR IV ADMINISTRATIVE SERVICE DepED</p>	<p>APPROVED BY :</p> <p><i>Nolasco A. Mempin</i> NOLASCO A. MEMPIN UNDERSECRETARY FOR ADMINISTRATION DepED</p>	<p>PROJECT TITLE :</p> <p>REPAIR/REHABILITATION OF VARIOUS DEPED CENTRAL OFFICE BUILDINGS -BONIFACIO BUILDING</p>	<p>PROJECT CODE:</p>	<p>OWNER :</p> <p>DEPARTMENT OF EDUCATION DepED</p>	<p>SHEET NO.:</p> <p>E-6 7</p>
	<p>SHEET CONTENTS :</p> <p>4F LEFT WING LIGHTING LAYOUT 4F LEFT WING POWER LAYOUT</p>								



1
 BONIFACIO RIGHT WING - GF TO 5F TOILETS
 TYP TOILETS - LIGHTING LAYOUT
 E-7 SCALE 1 : 50 M

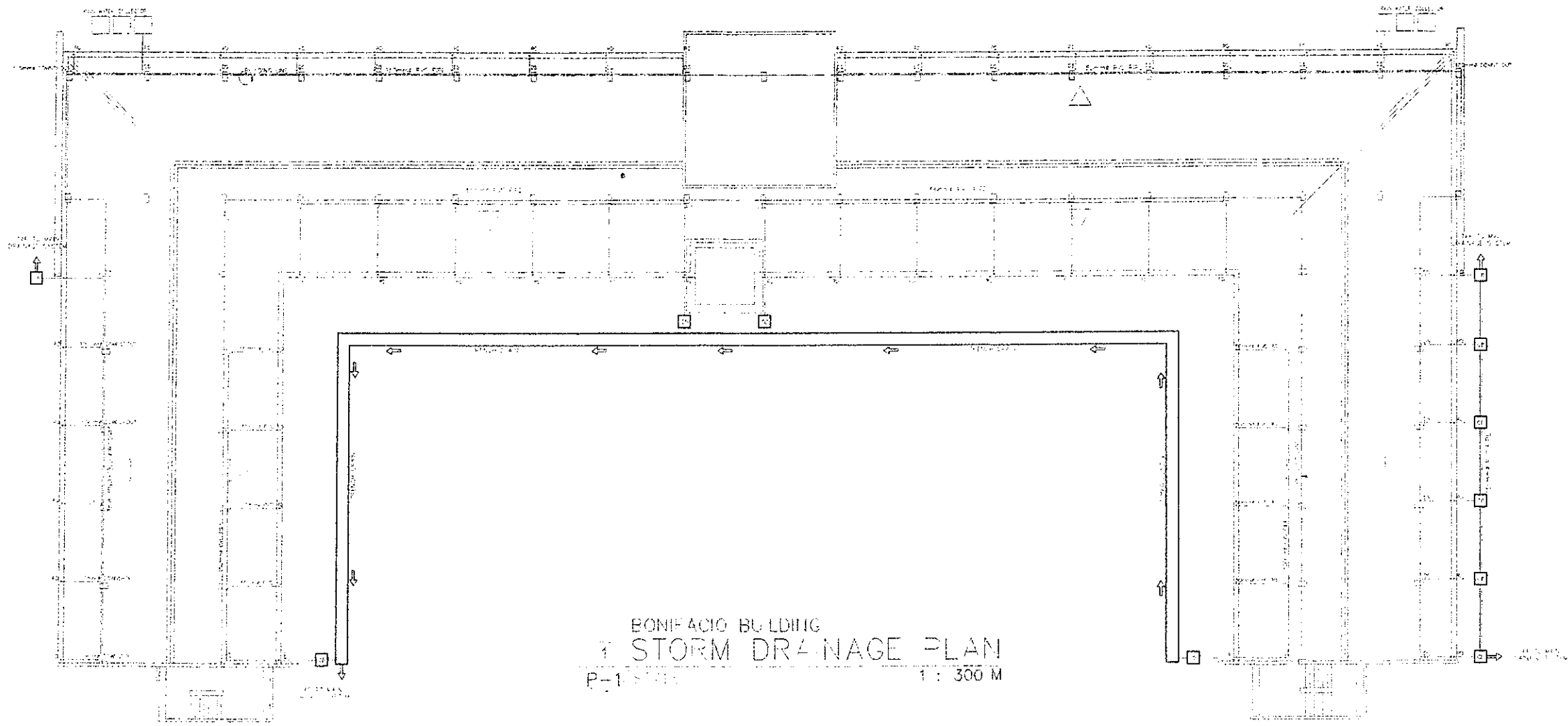


2
 BONIFACIO RIGHT WING - GF TO 5F TOILETS
 TYP TOILETS - POWER LAYOUT
 E-7 SCALE 1 : 50 M

LIGHTING SPECIFICATION :

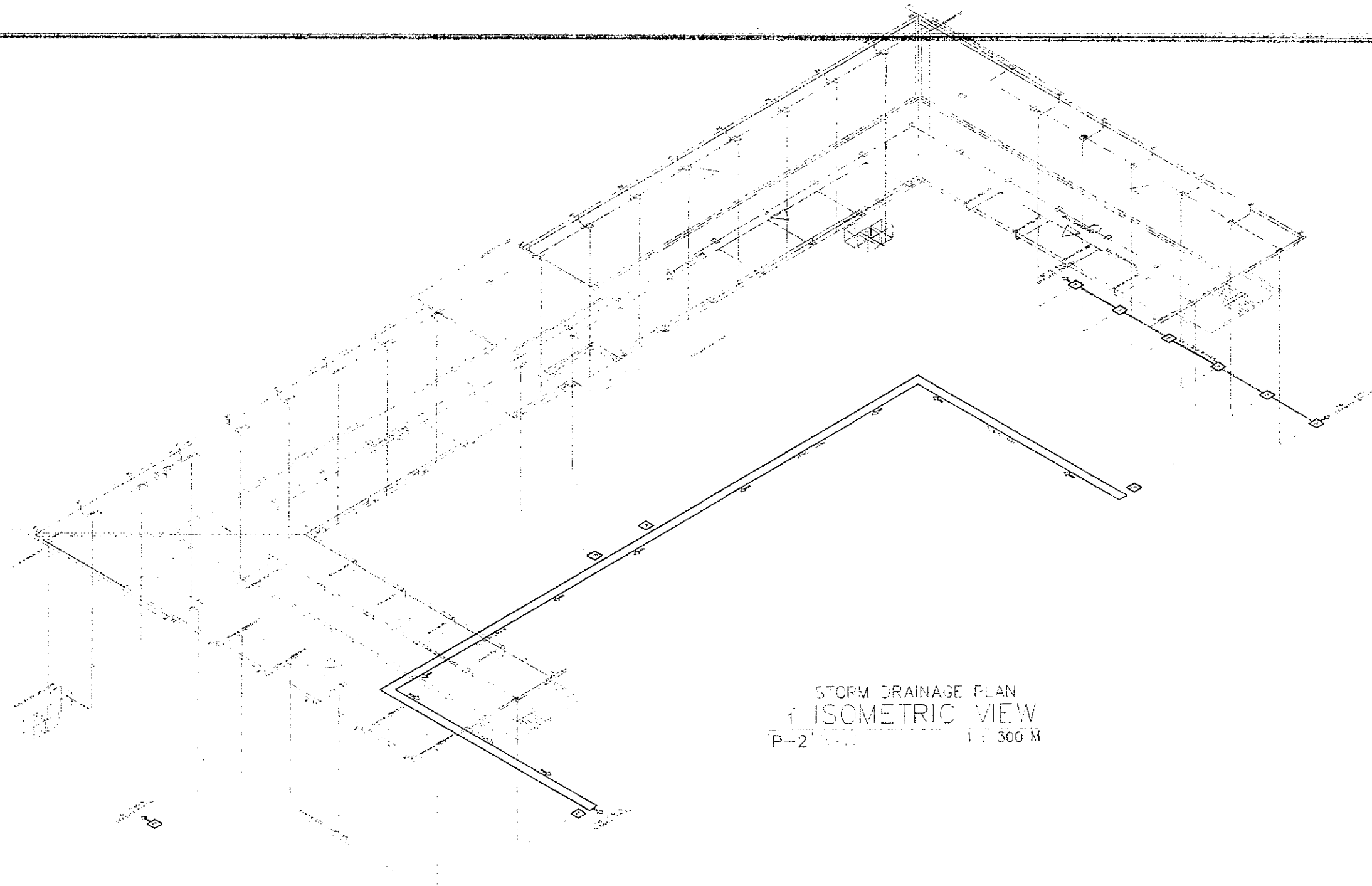
- ⊙ - 14W LED DOWN LIGHT (IP40), RECESSED MOUNTED, 2700-3000K, WARM LIGHT AC 85V - 265V, 60Hz
- 16W T5 LED TUBE LIGHT (900mm), COVE LIGHT, WITH T5 CONNECTOR 2700-3000K, WARM LIGHT AC 85V - 265V, 60Hz

<p>DEPARTMENT OF EDUCATION DIVISION OFFICE - BACOLOD</p>	DRAWN BY JOHN PAUL B. LICARDO REGISTERED ELECTRICAL ENGINEER ETC - DepED	CHECKED BY SIEGMUND M. SANCHEZ PROFESSIONAL ELECTRICAL ENGINEER ETC - DepED	RECOMMENDING APPROVAL ANNABELLE R. PANGAN CHIEF, ETC DepED	RECOMMENDING APPROVAL ROBERT M. AGUSTIN DIRECTOR IV ADMINISTRATIVE SERVICE	APPROVED BY NOLASCO A. MAMPIN UNDERSECRETARY FOR ADMINISTRATION DepED	PROJECT TITLE REPAIR/REHABILITATION OF VARIOUS DEPED CENTRAL OFFICE BUILDINGS - BONIFACIO BUILDING	PROJECT CODE 	OWNER DEPARTMENT OF EDUCATION DepED	SHEET NO. E-7 7
	SHEET CONTENTS TYPICAL RIGHT WING LIGHTING LAYOUT TYPICAL RIGHT WING POWER LAYOUT								


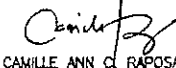


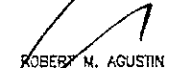


BONIFACIO BUILDING
STORM DRAINAGE PLAN
P-1 11/11 1 : 300 M

REPUBLIC OF THE PHILIPPINES DepED DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MERALCO AVENUE PASIG CITY	DESIGNED BY CAMILLE ANN C. RAMOS MASTER PLUMBER DepED	CHECKED BY ALDRIN C. TASA MASTER PLUMBER DepED	CONSULTING ENGINEER ANNABELLE R. PANGAN CPEP, EPD DepED	REVIEWING ENGINEER ROBERT M. AGUSTIN DIRECTOR IV ADMINISTRATIVE SERVICE	DRAWN BY NOLASCO A. MEMPIN UNDERSECRETARY FOR ADMINISTRATION DepED	PROJECT TITLE REPAIR/REHABILITATION OF VARIOUS DEPED CENTRAL OFFICE BUILDINGS -BONIFACIO BUILDING	PROJECT NO. 	OWNER DEPARTMENT OF EDUCATION DepED	SHEET NO. P-1 11
							SHEET TITLE STORM DRAINAGE PLAN		



STORM DRAINAGE PLAN
 1 ISOMETRIC VIEW
 P-2 1:300 M

REPUBLIC OF THE PHILIPPINES  DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MERALCO AVENUE, PASIG CITY	DESIGNED BY  CAMILLE ANN C. RAPOSA MASTER PLUMBER EFD-DepED	CHECKED BY  ALDRIN C. TALAMO MASTER PLUMBER EFD-DepED	ESTIMATED BY  ANNABELLE R. PANGAN CREDIT, EFD DepED	APPROVED BY  ROBERT M. AGUSTIN DIRECTOR IV ADMINISTRATIVE SERVICES DepED	PROJECT TITLE REPAIR/REHABILITATION OF VARIOUS DEPED CENTRAL OFFICE BUILDINGS -BONIFACIO BUILDING	PROJECT CODE LOCATION	DEPARTMENT OF EDUCATION DepED PROJECT CONTENTS STORM DRAINAGE PLAN ISOMETRIC	SHEET NO. P-2 11
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GENERAL NOTES:

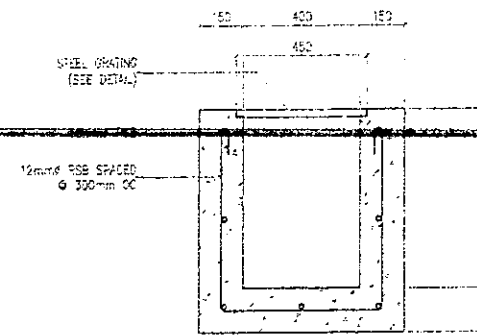
- ALL PLUMBING WORKS INCLUDED HEREIN SHALL BE EXECUTED ACCORDING TO THE PHILIPPINE PLUMBING CODE, THE NATIONAL BUILDING CODE, AND THE RULES AND REGULATIONS OF THE LOCAL GOVERNMENT AUTHORITIES CONCERNED.
- COORDINATE THE DRAWING WITH OTHER RELATED DRAWINGS AND SPECIFICATIONS. THE DESIGNER SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCY FOUND HEREIN.
- ALL PIPES SHALL BE INSTALLED AS INDICATED ON PLANS. ANY RELOCATIONS REQUIRED FOR PROPER EXECUTIONS OF OTHER TRADES SHALL BE WITH PRIOR APPROVAL OF THE ARCHITECT OR ENGINEER.
- PROPOSED UTILITIES SHALL CONFORM TO THE ACTUAL LOCATION, DEPTH AND INVERT ELEVATION OF ALL EXISTING PIPES AND STRUCTURES AS VERIFIED BY THE CONTRACTOR.
- ALL SLOPES FOR HORIZONTAL DRAINAGES SHALL MAINTAIN 2% AS MINIMUM UNLESS NOTED OTHERWISE.
- ALL FIXTURES SHALL BE VENTED, UNLESS OTHERWISE INDICATED.
- AIR CHAMBER, ALL INDIVIDUAL BRANCHES TO FIXTURES OR GROUP OF FIXTURES AND OR EQUIPMENTS SHALL BE PROVIDED WITH AIR CHAMBER OF CAPTED VERTICAL PIPE EXTENSION OF DIMENSIONS AS SHOWN IN THE DETAILS.
- ALL SEWER LINES SHALL BE PVC SERIES 1020, "HELTEX", "SANIMOLD EXTRA" OR APPROVED EQUAL.
- ALL VENT STACK AND VENT SHALL BE P/C PIPE SERIES 1020, "HELTEX", "SANIMOLD" OR APPROVED EQUAL.
- ALL GALVANIZED IRON PIPES LATE UNDERGROUND AND WITH DIRECT CONTACT WITH THE SOIL SHALL BE PROVIDED WITH THE THREE PROTECTIVE TAP-COVERING THEN WRAP WITH BURLAP.
- MAIN WATER DISTRIBUTION LINE SHALL BE POLYPROPYLENE PIPE (PPR). ALL OTHER PIPES TO BE USED SHALL BE AS PER PLAN AND SPECIFICATIONS.
- ALL COLD WATER LINES SHALL BE TESTED 100 PSI FOR A PERIOD OF TWO (2) HOURS BEFORE COVERING.
- ALL HOT WATER LINES SHALL BE PROPERLY INSULATED.
- ALL WET AREAS SHALL BE WATERPROOFED THRO-SEAL, HYGARD, OR APPROVED EQUAL AND SHALL BE TESTED FOR TWENTY-FOUR (24) HOURS PRIOR TO FLOOR TAPPING.
- ALL SEWER/WASTE SHALL BE TESTED AT 1.5M HEAD.
- WASTE LINES SHALL BE HYDRO-STATIC TESTED AT LEAST 10PSI PRIOR TO TAPPING.
- ALL SINKS (KITCHEN, PANTRY, ETC.) SHALL BE PROVIDED WITH CAST-IRON "METMA" OR STAINLESS STEEL GREASE TRAP WITH 10GPM MINIMUM CAPACITY, IF NEEDED.
- ALL SEWER/WASTE LINES, VENT AND WATER LINES SHALL BE PROVIDED WITH ADEQUATE STANDARD PIPE HANGER SUPPORT.
- PROVIDE PIPE SLEEVES, AS NEEDED IN WALL PENETRATIONS.
- NO PIPE SHALL PASS THROUGH EXISTING BEAMS AND COLUMNS.

DESIGN LEGENDS:

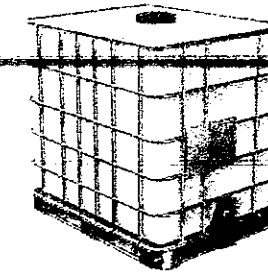
- | | | | |
|------|-----------------|------|----------------------|
| GV | GATE VALVE | — | WATER LINE |
| M | WATER METER | — | SEWER LINE |
| CV | CHECK VALVE | — | STORM LINE |
| WC | WATER CLOSET | GT | GREASE TRAP |
| LAV | LAVATORY | CD | COKE DISPENSE |
| KS | KITCHEN SINK | CDD | COKE DISP DRAIN |
| GT | GREASE TRAP | WF | WATER FILTER |
| SHO | SHOWER | CAP | CAP |
| HB | HOSE BIBB | THSP | TOIL. HOR. SOIL PIPE |
| CO | CLEAN OUT | | |
| FCO | FLOOR-CLEAN OUT | | |
| F | FALUCET | | |
| WP | WATER PUMP | | |
| WT | WATER TANK | | |
| ① | TOILET NO. | | |
| MH | MANHOLE | | |
| BP | BUSTER PUMP | | |
| FLV | FLOAT VALVE | | |
| FV | FOOT VALVE | | |
| LD | LAUNDRY DRAIN | | |
| BS | BIDET SPRAY | | |
| VSTR | VENT THRU ROOF | | |
| TD | TUB DRAIN | | |
| FD | FLOOR DRAIN | | |
| GD | GUTTER DRAIN | | |
| CB | CATCH BASIN | | |
| DS | DOWN SFOUT | | |
| SV | SEPTIC VAULT | | |
| WC | WATER CISTERN | | |
| SS | SOIL STACK | | |
| BT | BATH TUB | | |
| FC | FLEX CONNECTOR | | |
| PT | PRESSURE TANK | | |
| HT | HYDROPNEUMATIC | | |
| WP | WATER PUMP | | |



1 STEEL GRATING DETAIL
P-3 SCALE 1:25 M

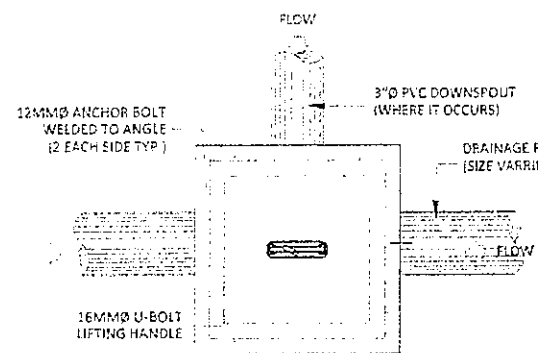


2 TRENCH DETAIL
P-3 SCALE 1:25 M

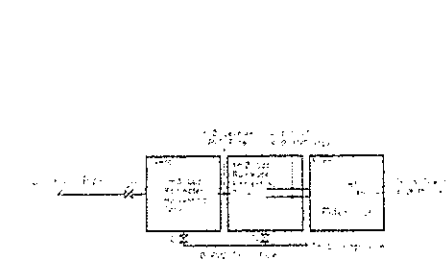


5 RAINWATER HARVESTING TANK
P-3 SCALE NTS M

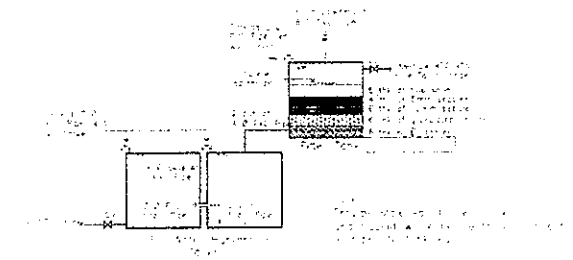
INTERMEDIATE 200 L CONTAINER (50 L)
ELEVATIONS
CAPACITY: 1000 L
SIZE: 1000mm x 1000mm x 1000mm
WITH TUBES, HOLES, AND OTHER DETAILS AS SHOWN IN THE PLAN.



3 CATCH BASIN PLAN
P-3 SCALE NTS M



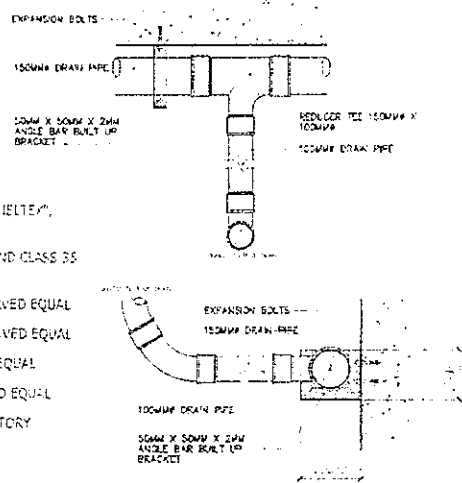
6 RWHT TOP VIEW
P-3 SCALE NTS M



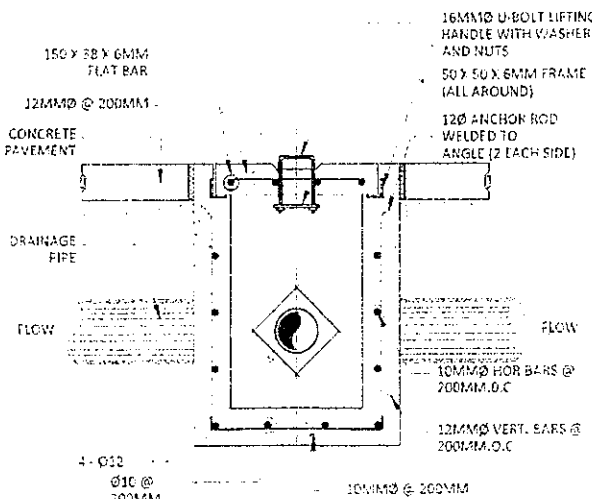
7 RWHT TOP ELEVATION
P-3 SCALE NTS M

MATERIAL SPECIFICATIONS:

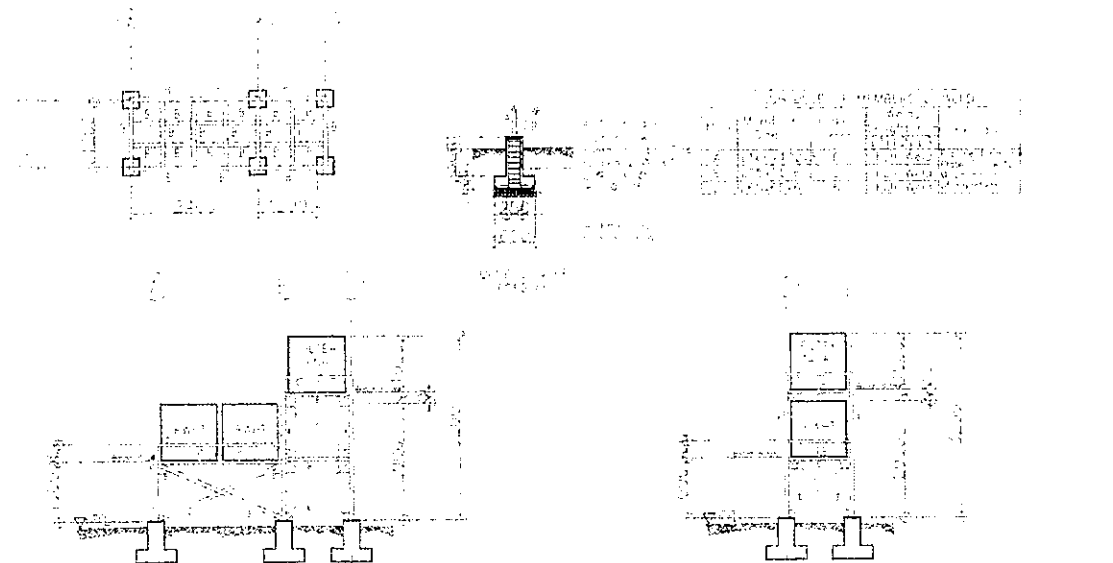
- | | |
|--------------------------------|--|
| SEWER AND VENT | POLY VINYL CHLORIDE (PVC) PIPES SERIES 1000, "HELTEX", "SANIMOLD EXTRA" OR APPROVED EQUAL. |
| DRAIN, WASTE & VENT PIPE (DWV) | POLYVINYL CHLORIDE (PVC) PIPES SERIES 1000, AND CLASS 35 SIMILAR TO EMERALD OR ITS APPROVED EQUAL. |
| COLD WATER LINE | POLYPROPYLENE (PPR) PIPES BY "VESBO" OR APPROVED EQUAL. |
| HOT WATER LINE | POLYPROPYLENE (PPR) PIPES BY "VESBO" OR APPROVED EQUAL. |
| VALVES | MANUFACTURED BY "KITZ" BRAND OR APPROVED EQUAL. |
| FLOOR DRAINS | MANUFACTURED BY "METMA" BRAND OR APPROVED EQUAL. |
| RWL INSULATION | 25mm FIBERGLASS, 65 kg/m ³ DENSITY, WITH FACTORY APPLIED SERVICE VAPOR BARRIER JACKET. |
| FCO INSULATION | 25mm THK RUBBER INSULATION. |
| WATER TANK | BESTANK® 600 GALS STAINLESS CYLINDER TANK. |



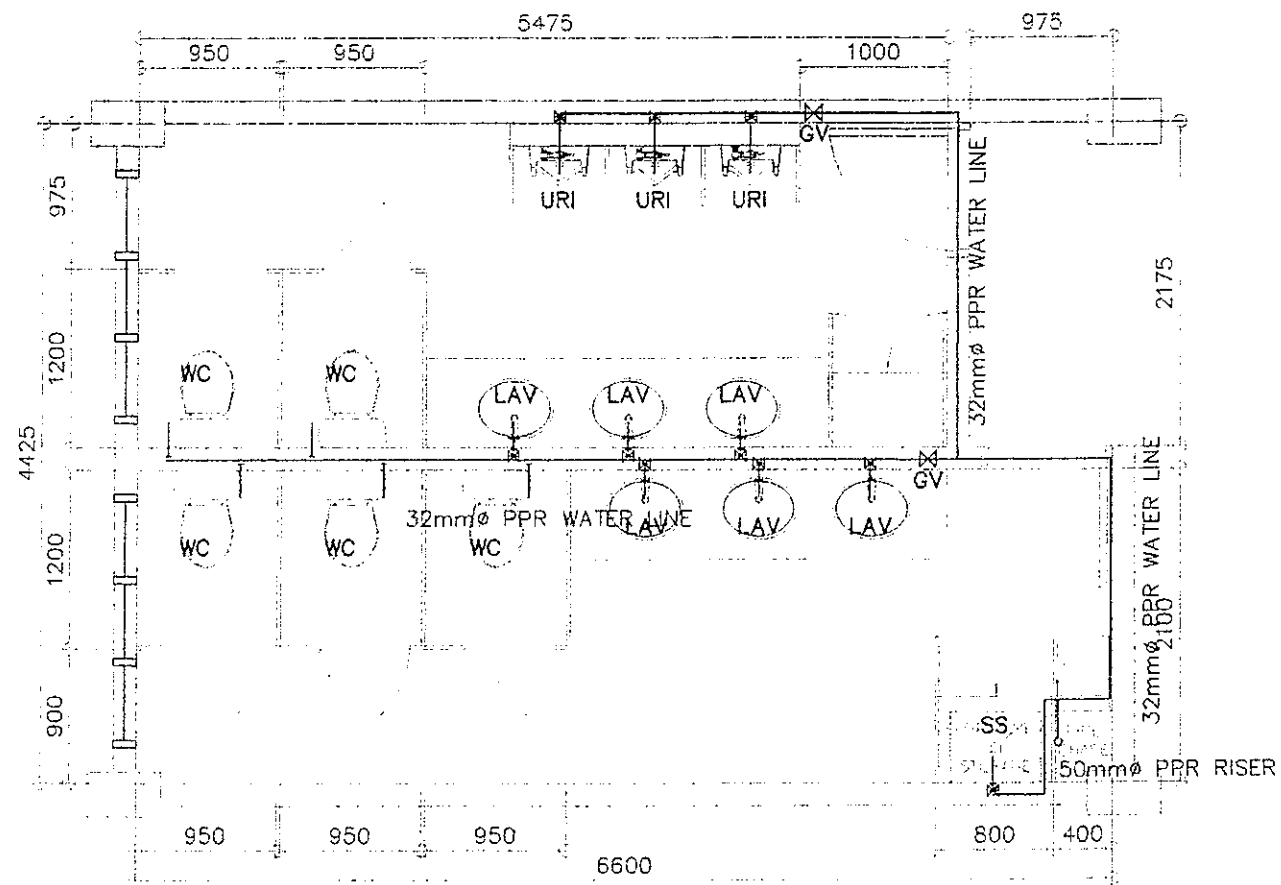
9 DRAIN PIPE DETAIL
P-3 SCALE NTS M



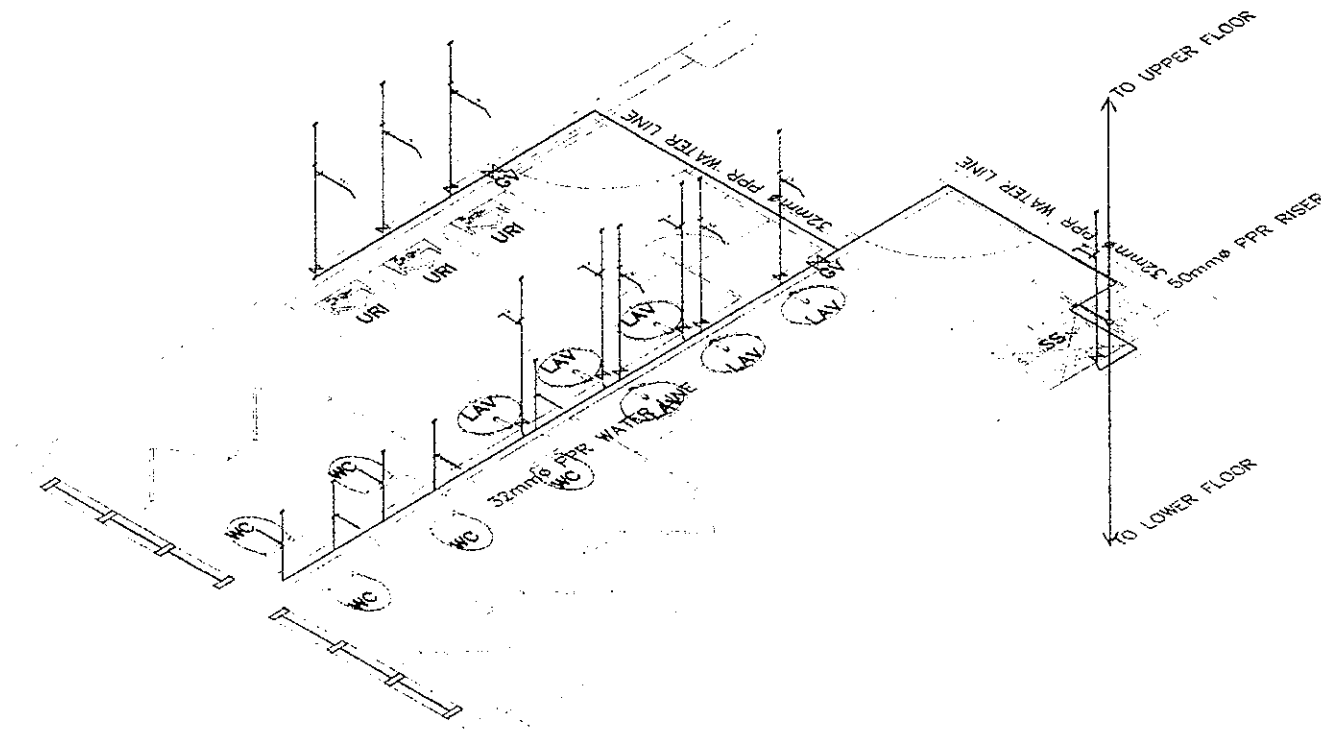
4 CATCH BASIN SECTION
P-3 SCALE NTS M



8 RWHT SUPPORT
P-3 SCALE NTS M

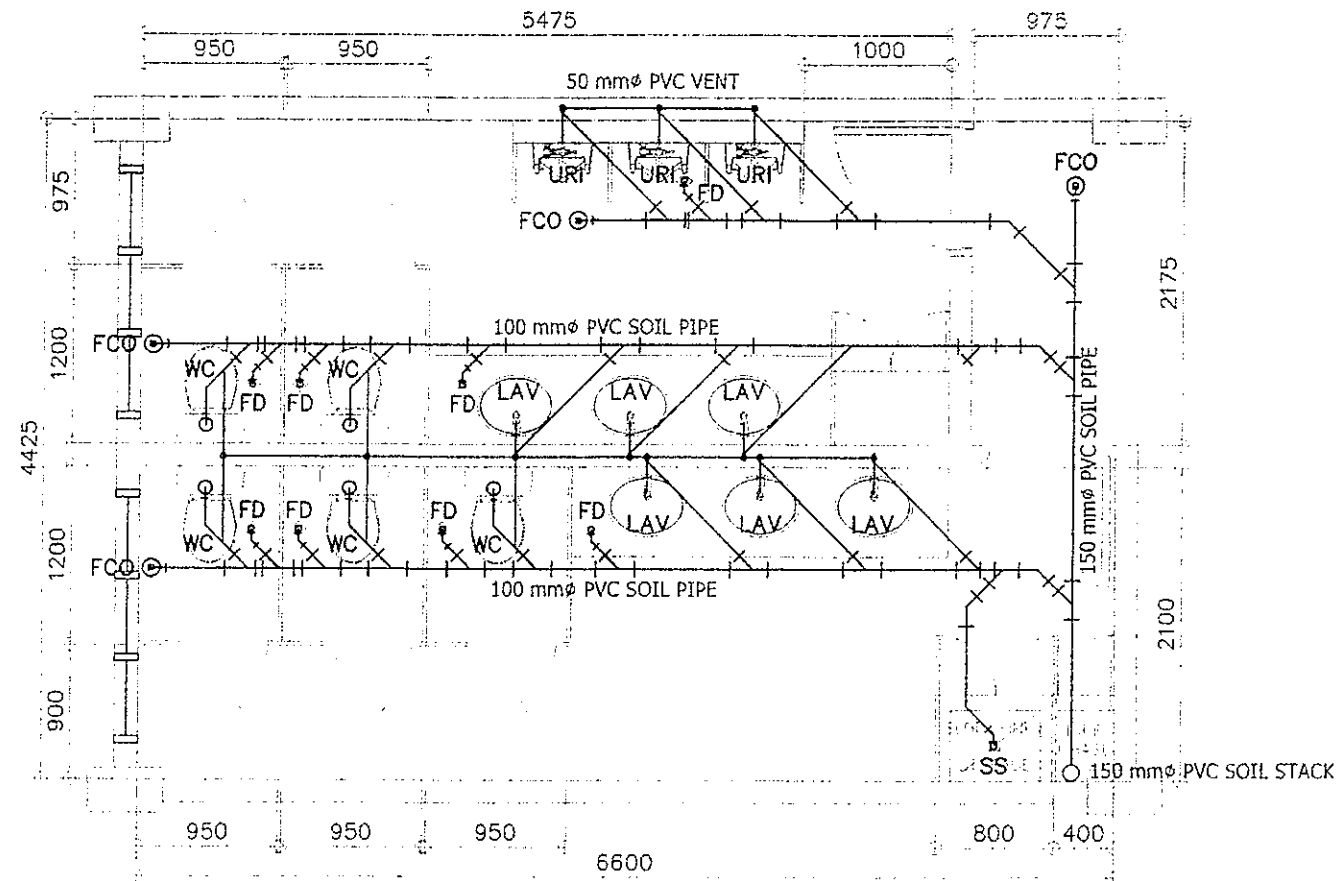


BONIFACIO LEFT WING - TYP GF, 3F, 5F
 1 WATER LINE LAYOUT
 P-4 SCALE 1 : 50 M

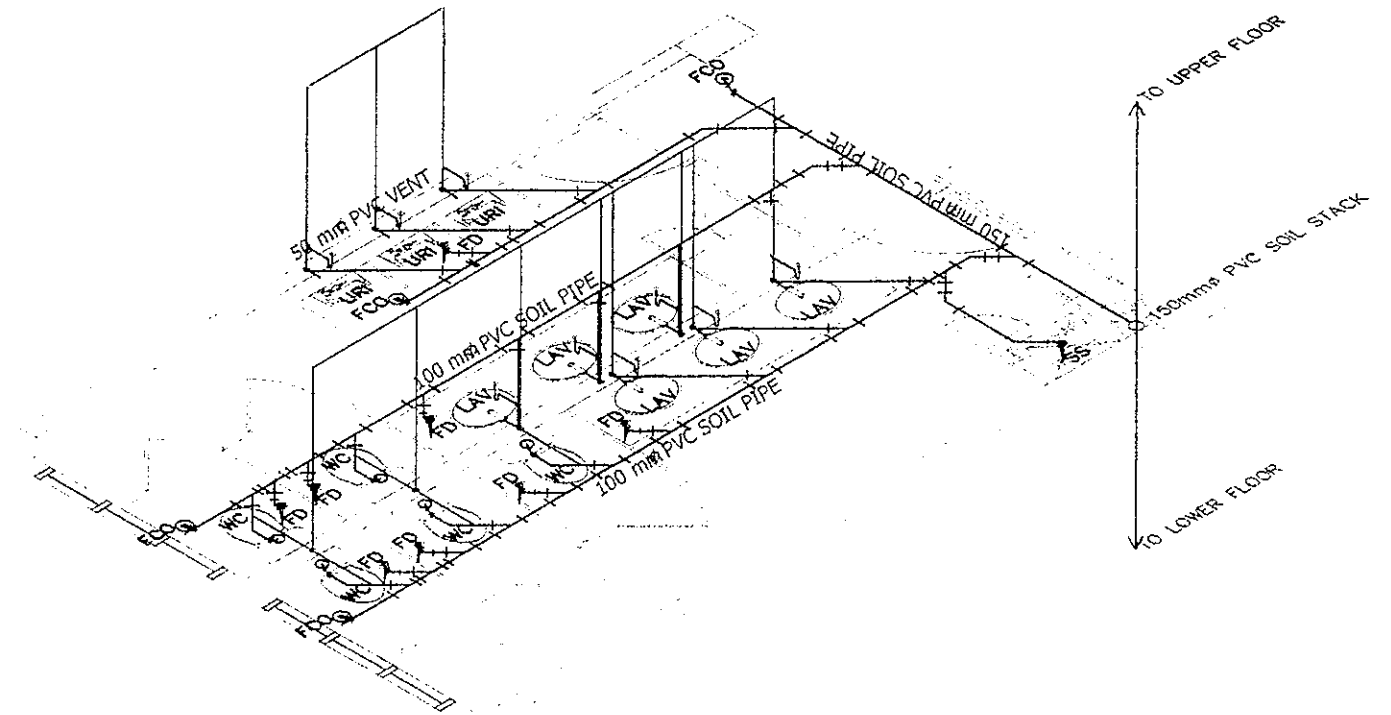


BONIFACIO LEFT WING - TYP GF, 3F, 5F
 2 WATER LINE ISOMETRIC
 P-4 SCALE 1 : 50 M

REPUBLIC OF THE PHILIPPINES DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MERALCO AVENUE, PASIG CITY	DRAWN BY : JUNIELSON P. COLLADO CAD OPERATOR EFD-DepED	CHECKED BY : ALDRIN P. TAGAO MASTER PLUMBER EFD-DepED	RECOMMENDING APPROVAL : ANNABELLE R. PANGAN CHIEF, EFD DepED	RECOMMENDING APPROVAL : ROBERT M. AGUSTIN DIRECTOR IV ADMINISTRATIVE SERVICE	APPROVED BY : NOLASCO A. ROMPIN UNDERSECRETARY FOR ADMINISTRATION DepED	PROJECT TITLE : REPAIR/REHABILITATION OF VARIOUS DEPED CENTRAL OFFICE BUILDINGS -BONIFACIO BUILDING	PROJECT CODE :	OWNER : DEPARTMENT OF EDUCATION DepED	SHEET NO. : P-4 11
	SHEET CONTENTS : GF 3F 5F LEFT WING WATER LINE LAYOUT ISOMETRIC WATER LINE LAYOUT								

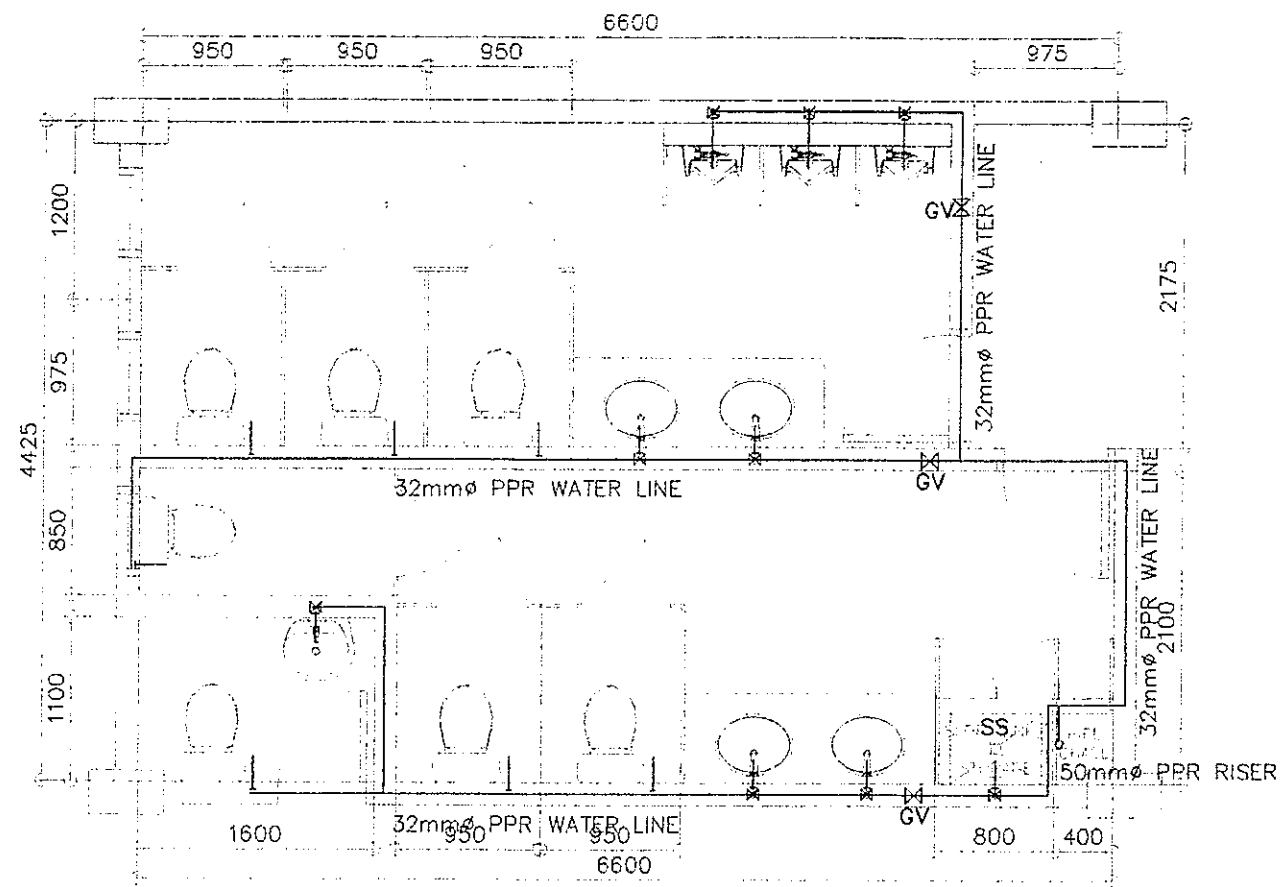


BONIFACIO LEFT WING - TYP GF, 3F, 5F
 1 SEWER LINE LAYOUT
 P-5 SCALE 1 : 50 M

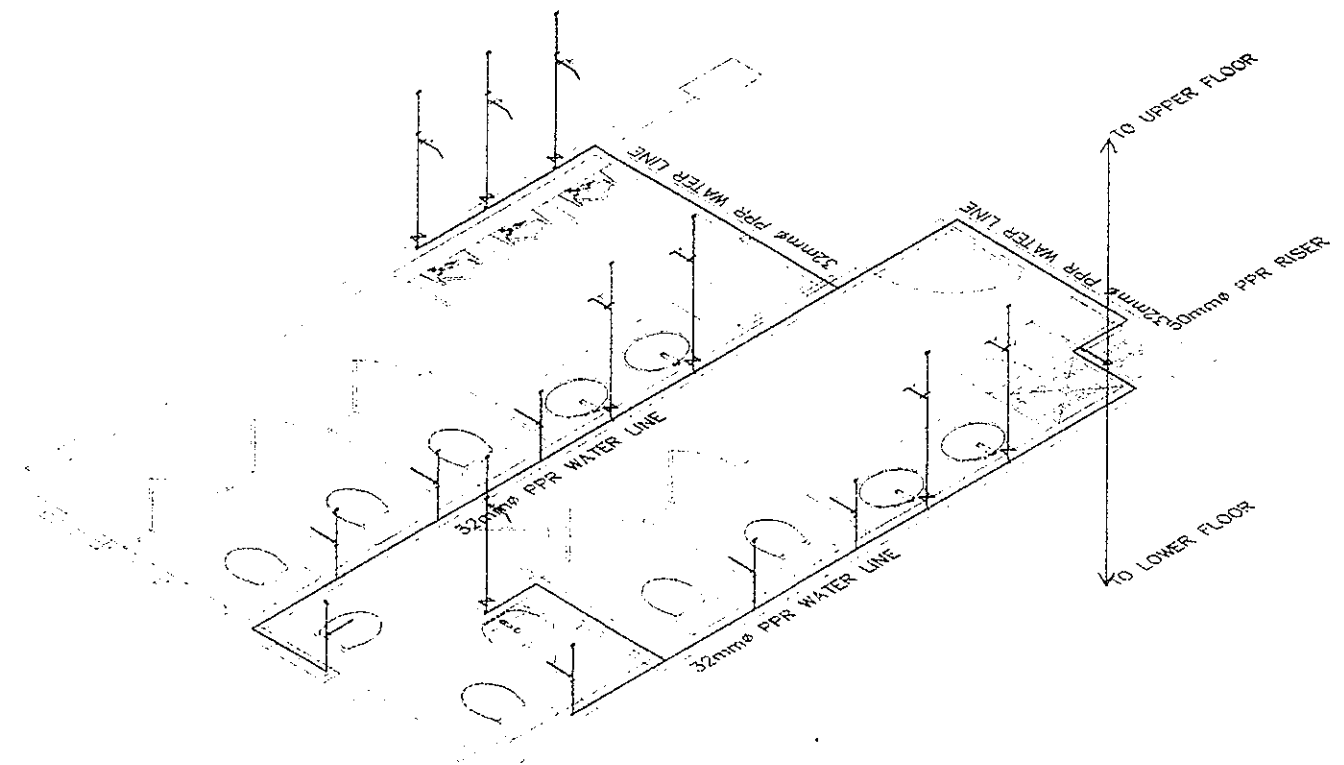


BONIFACIO LEFT WING - TYP GF, 3F, 5F
 2 SEWER LINE ISOMETRIC
 P-5 SCALE 1 : 50 M

REPUBLIC OF THE PHILIPPINES DepED DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MERRILL AVENUE, PASIG CITY	DRAWN BY : JUNELSON P. CULLADO CAD OPERATOR EFD-DepED	CHECKED BY : ALDRIN C. TANO MASTER PLUMBER EFD-DepED	RECOMMENDING APPROVAL : ANNABELLE R. PANGAN CIVIL ETD DepED	RECOMMENDING APPROVAL : ROBERT M. AGUSTIN DIRECTOR III ADMINISTRATIVE SERVICE	APPROVED BY : NOLASCO A. NEMPIN UNDERSECRETARY FOR ADMINISTRATION DepED	PROJECT TITLE : REPAIR/REHABILITATION OF VARIOUS DEPED CENTRAL OFFICE BUILDINGS -BONIFACIO BUILDING LOCATION :	PROJECT CODE :	OWNER : DEPARTMENT OF EDUCATION DepED SHEET CONTENTS : GF, 3F, 5F LEFT WING SEWER LINE LAYOUT ISOMETRIC SEWER LINE LAYOUT	SHEET NO : P-5 11
	(Empty row for additional information or notes)								

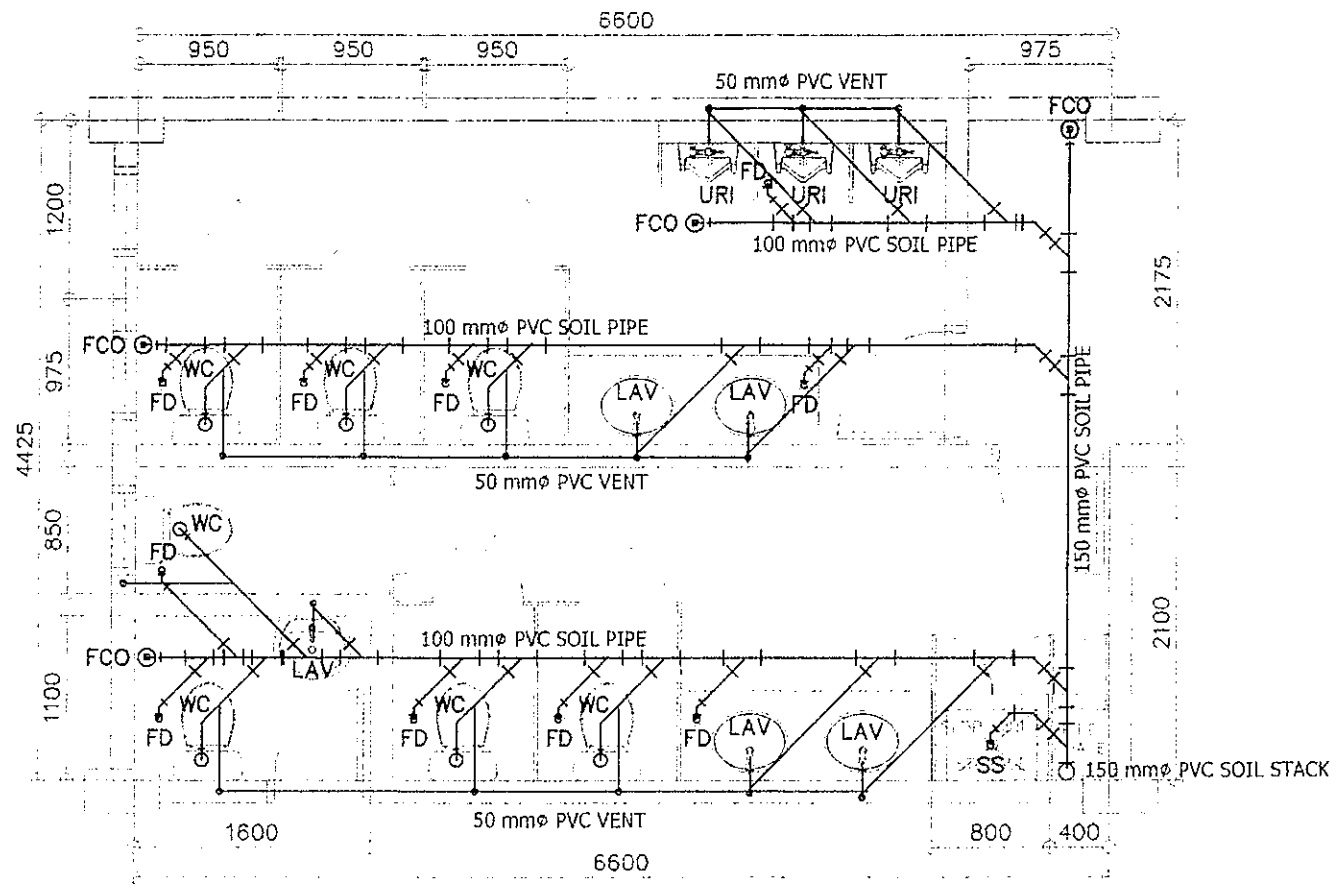


BONIFACIO LEFT WING - 4F TOILETS
 1 WATER LINE LAYOUT
 P-8 SCALE 1 : 50 M

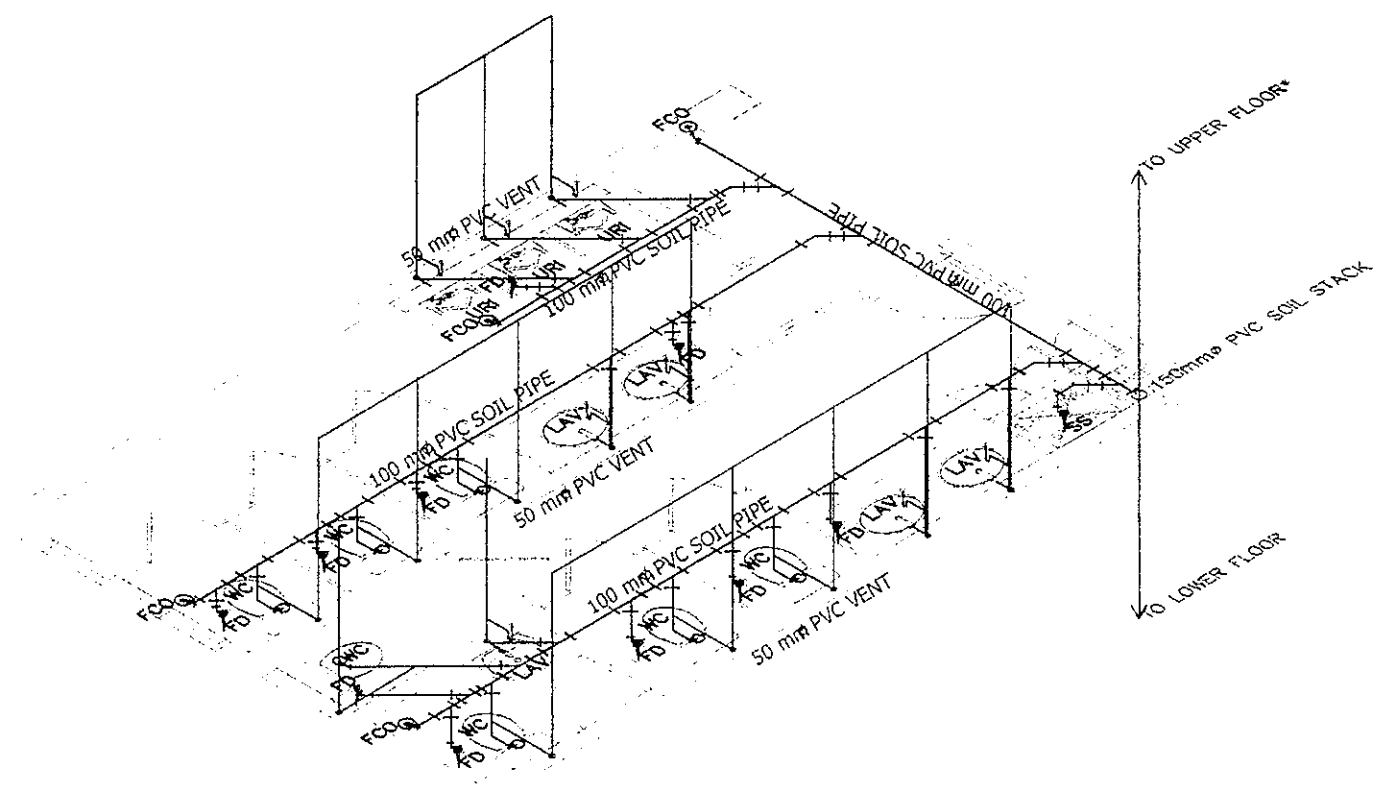


BONIFACIO LEFT WING - 4F TOILETS
 2 WATER LINE ISOMETRIC
 P-8 SCALE 1 : 50 M


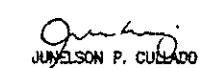

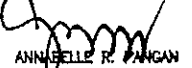
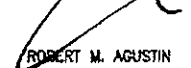

REPUBLIC OF THE PHILIPPINES DepED DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MERRILL AVENUE, PASIG CITY	DRAWN BY : JUNELSON P. COLLADO CAD OPERATOR EFD-DepED	CHECKED BY : ALDRIN C. TICAQ MASTER PLUMBER EFD-DepED	RECOMMENDING APPROVAL : ANNABELLE R. MANGON CHIEF, EFD DepED	RECOMMENDING APPROVAL : ROBERT M. AGUSTIN DIRECTOR IV ADMINISTRATIVE SERVICE DepED	APPROVED BY : NOLASCO A. MAMPIN UNDERSECRETARY FOR ADMINISTRATION DepED	PROJECT TITLE : REPAIR/REHABILITATION OF VARIOUS DEPED CENTRAL OFFICE BUILDINGS -BONIFACIO BUILDING LOCATION :	PROJECT CODE :	OWNER : DEPARTMENT OF EDUCATION DepED SHEET CONTENTS : 4F LEFT WING WATER LINE LAYOUT ISOMETRIC WATER LINE LAYOUT	SHEET NO. : P-8 11

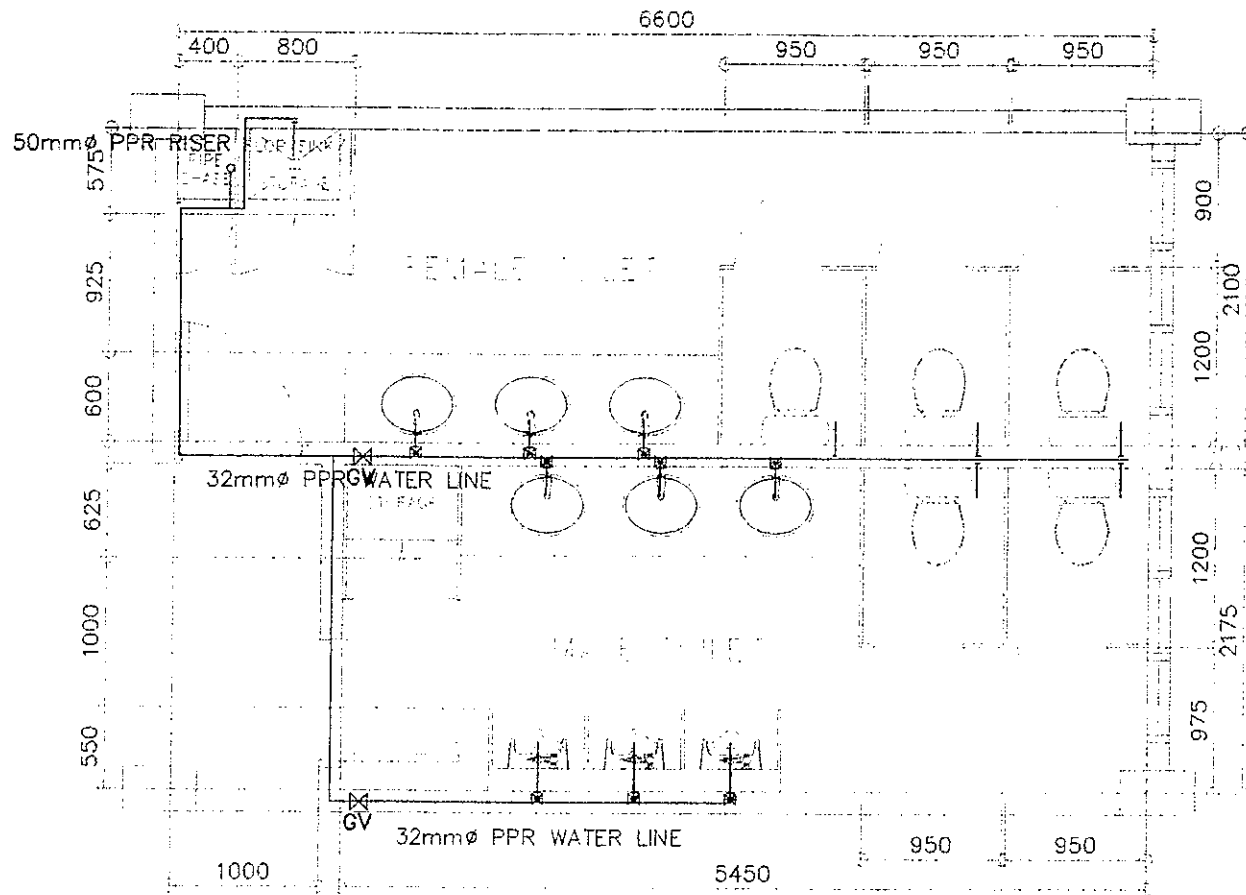


BONIFACIO LEFT WING - 4F TOILETS
 1 SEWER LINE LAYOUT
 P-9 SCALE 1 : 50 M

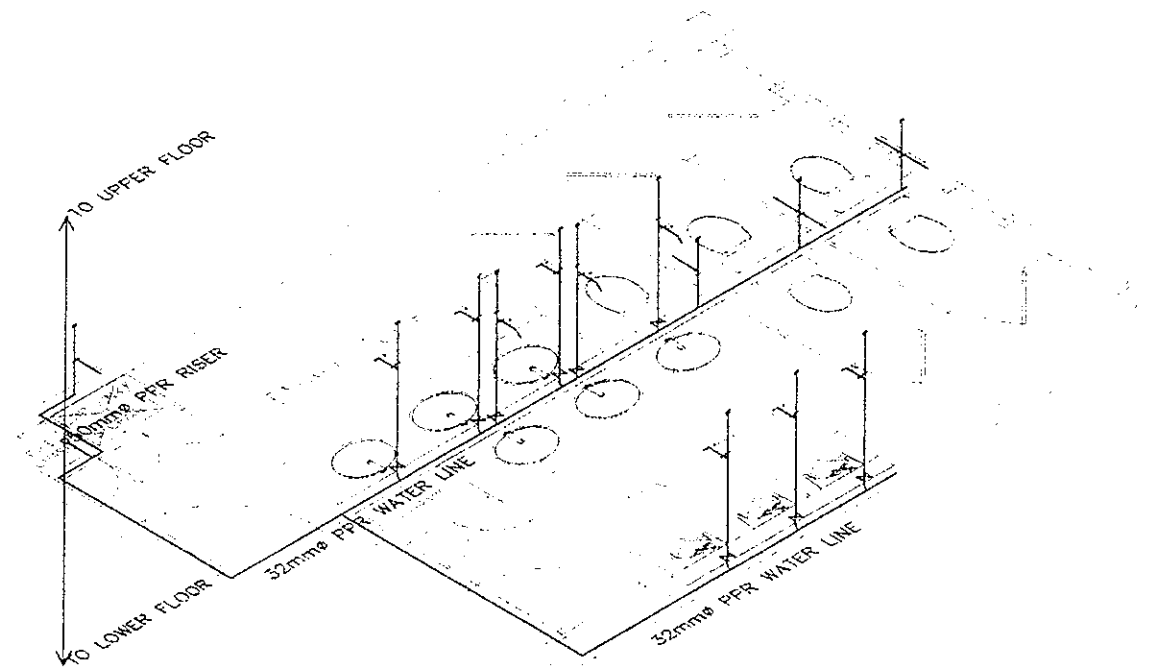


BONIFACIO LEFT WING - 4F TOILETS
 2 SEWER LINE ISOMETRIC
 P-9 SCALE 1 : 50 M

 DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MERALCO AVENUE, PASIG CITY	DRAWN BY :  JUNELSON P. CUSLADO CAD OPERATOR DepED	CHECKED BY :  ALDRIN C. TAGNO MASTER PLUMBER DepED	RECOMMENDING APPROVAL :  ANNABELLE R. PANGAN CHIEF, EFD DepED	RECOMMENDING APPROVAL :  ROBERT M. AGUSTIN DIRECTOR IN ADMINISTRATIVE SERVICE	APPROVED BY :  NOLASCO A. BEMPIN UNDERSECRETARY FOR ADMINISTRATION DepED	PROJECT TITLE : REPAIR/REHABILITATION OF VARIOUS DEPED CENTRAL OFFICE BUILDINGS -BONIFACIO BUILDING	PROJECT CODE :	OWNER : DEPARTMENT OF EDUCATION DepED	SHEET NO. : P-9 11
	LOCATION :						SHEET CONTENTS : 4F LEFT WING SEWER LINE LAYOUT ISOMETRIC SEWER LINE LAYOUT		

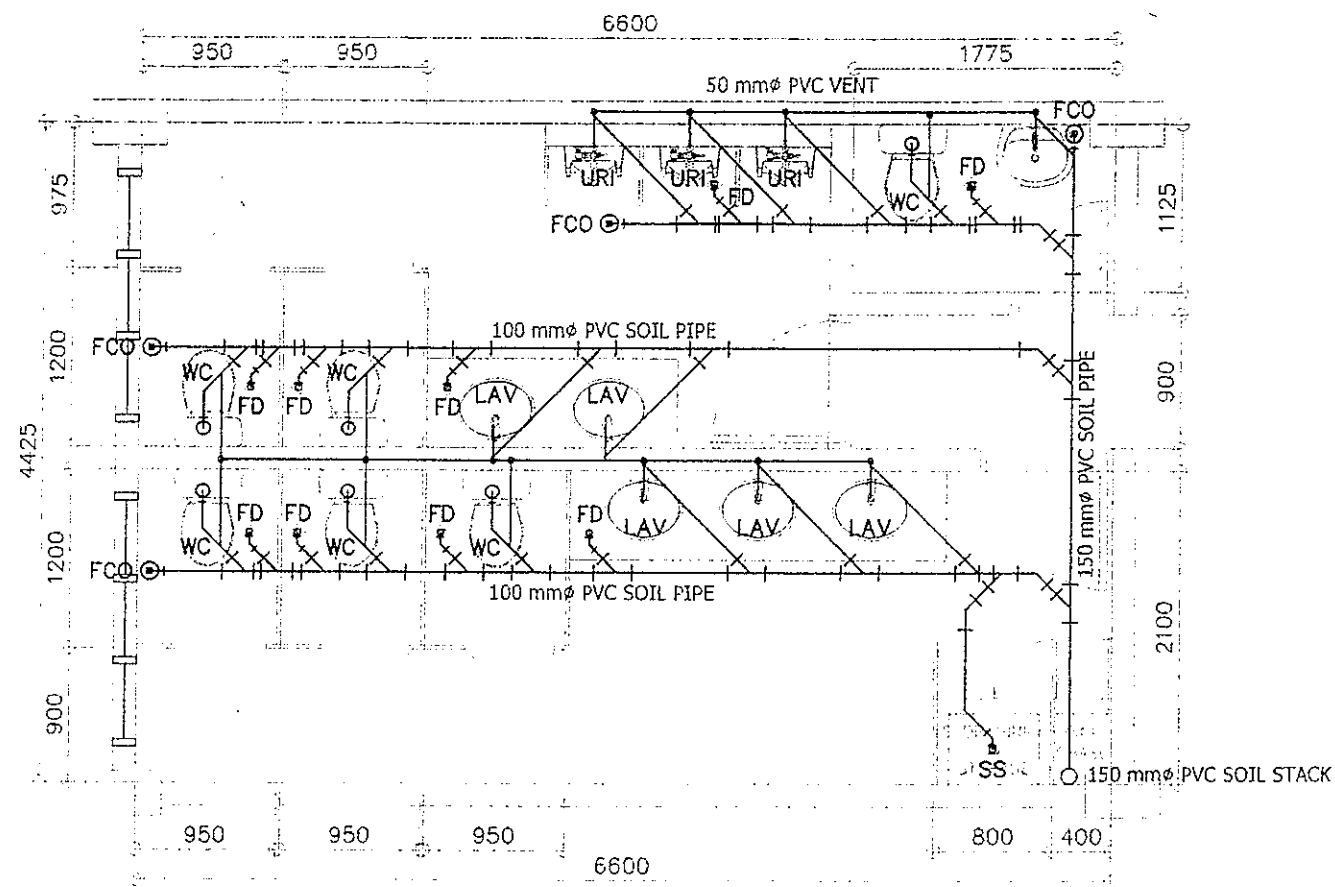


BONIFACIO RIGHT WING - GF TO 5F TOILETS
 1 TYPICAL WATER LINE LAYOUT
 P-10 SCALE 1 : 50 M

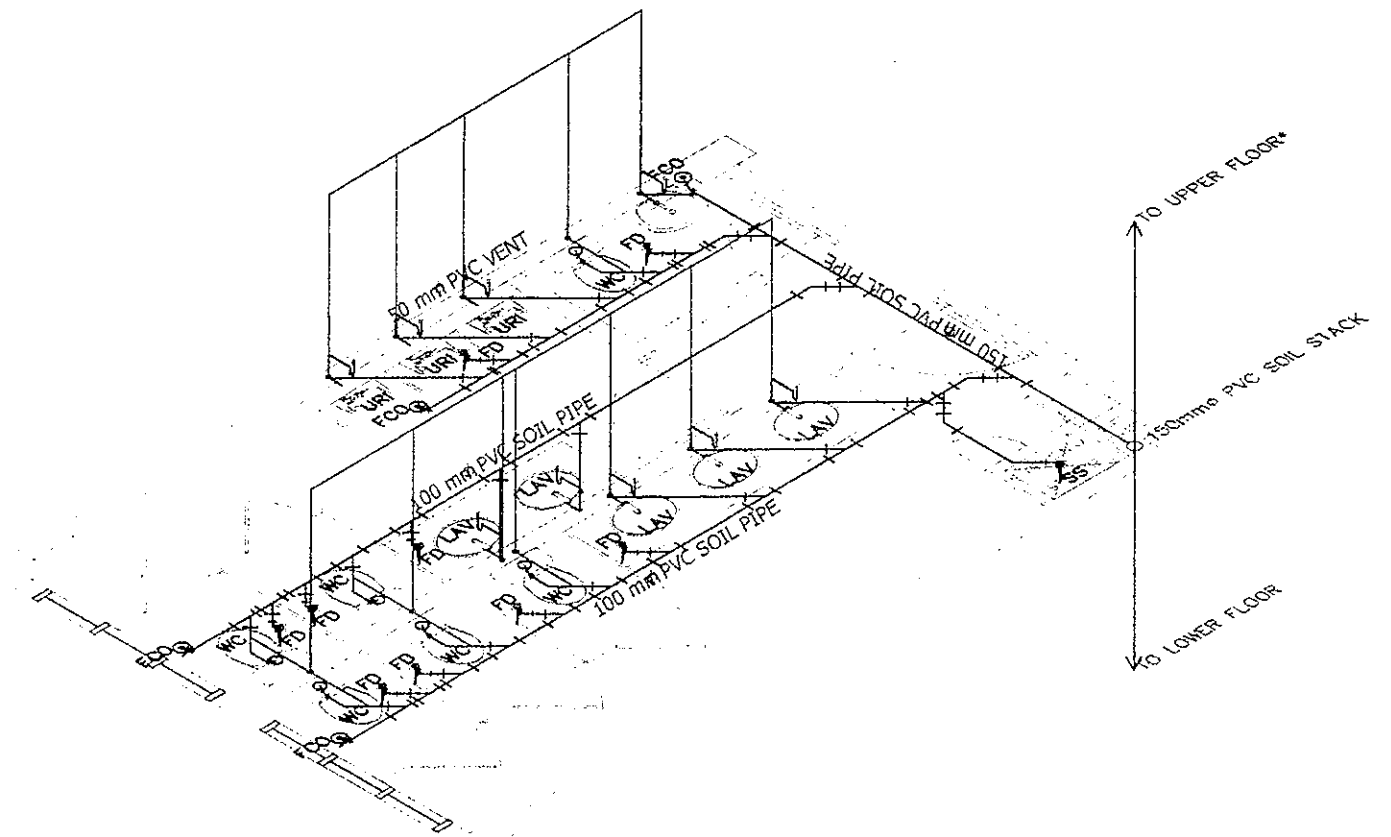


BONIFACIO RIGHT WING - GF TO 5F TOILETS
 2 TYPICAL WATER LINE ISOMETRIC
 P-10 SCALE 1 : 50 M


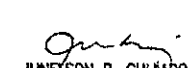
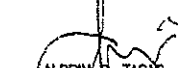

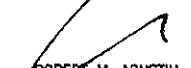
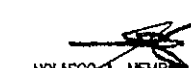
REPUBLIC OF THE PHILIPPINES DepED DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MERALCO AVENUE, PASIG CITY	DRAWN BY : JUNELSON P. CULLADO CAD OPERATOR EFD-DepED	CHECKED BY : ALDRIN C. TAGAO WATER PLUMBER EFD-DepED	RECOMMENDING APPROVAL : ANNABELLE R. PANGAN CHIEF, EFD DepED	RECOMMENDING APPROVAL : ROBERT M. AGUSTIN DIRECTOR IN ADMINISTRATIVE SERVICE	APPROVED BY : HOLASCO A. MEMPO UNDERSECRETARY FOR ADMINISTRATION DepED	PROJECT TITLE : REPAIR/REHABILITATION OF VARIOUS DEPED CENTRAL OFFICE BUILDINGS -BONIFACIO BUILDING	PROJECT CODE :	OWNER : DEPARTMENT OF EDUCATION DepED	SHEET NO. : P-10 11
	LOCATION :						SHEET CONTENTS : TYPICAL RIGHT WING WATER LINE LAYOUT ISOMETRIC WATER LINE LAYOUT		



BONIFACIO LEFT WING - 2F TOILETS
 1 SEWER LINE LAYOUT
 P-7 SCALE 1 : 50 M



BONIFACIO LEFT WING - 2F TOILETS
 2 SEWER LINE ISOMETRIC
 P-7 SCALE 1 : 50 M

 DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MERALCO AVENUE PASIG CITY	DRAWN BY :  JUNEDSON P. CULLADO CAD OPERATOR EFD-DepED	CHECKED BY :  ALDRIN P. TAGAS MASTER PLANNER EFD-DepED	RECOMMENDING APPROVAL :  ANNABELLE N. PANGAN CHIEF, EFD DepED	RECOMMENDING APPROVAL :  ROBERT M. AGUSTIN DIRECTOR IV ADMINISTRATIVE SERVICE	APPROVED BY :  NOLASCO A. MEMPO UNDERSECRETARY FOR ADMINISTRATION DepED	PROJECT TITLE : REPAIR/REHABILITATION OF VARIOUS DEPED CENTRAL OFFICE BUILDINGS -BONIFACIO BUILDING	PROJECT CODE :	OWNER : DEPARTMENT OF EDUCATION DepED	SHEET NO. : P-7 11
	SHEET CONTENTS : 2F LEFT WING SEWER LINE LAYOUT ISOMETRIC SEWER LINE LAYOUT								LOCATION :

DRAWN BY : *JUNILSON P. CILLADO*
 CHECKED BY :
 RECOMMENDATION APPROVAL :
 APPROVED BY :

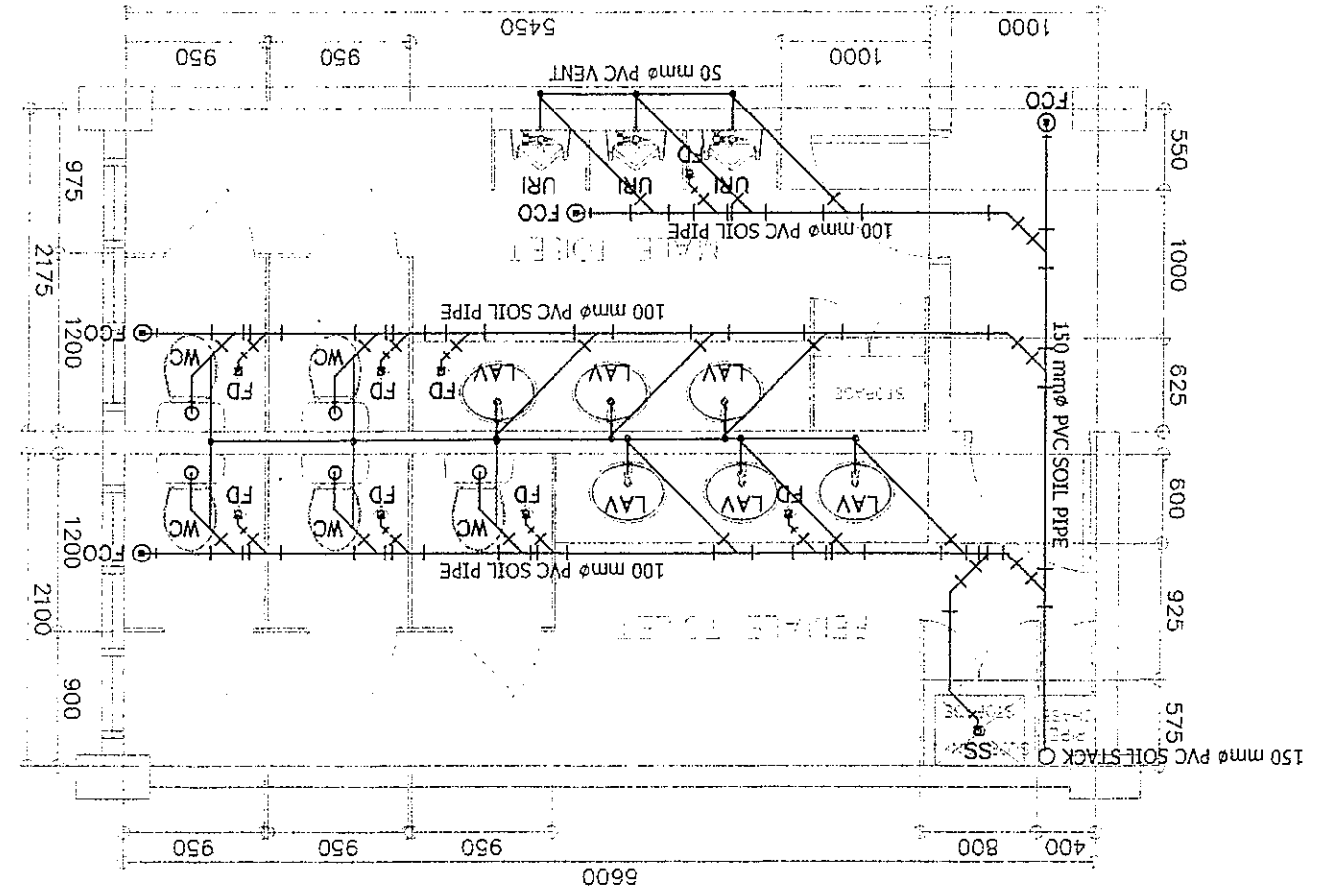
PROJECT TITLE :
 PROJECT CODE :
 OWNER :

LOCATION :
 VARIOUS DE
 REHABILITATION OF
 CENTRAL OFFICE BUILDINGS
 R. BONIFACIO BUILDING

SHEET CONTENTS :
 DEPARTMENT OF EDUCATION
 DepEd
 TYPICAL RIGHT WING SEWER LINE LAYOUT
 ISOMETRIC SEWER LINE LAYOUT

SHEET NO. : 11
 P-11

1. TYPICAL SEWER LINE LAYOUT
 BONIFACIO RIGHT WING - GF TO 5F TOILETS
 P-11 SCALE 1 : 50 M



2. TYPICAL SEWER LINE ISOMETRIC
 BONIFACIO RIGHT WING - GF TO 5F TOILETS
 P-11 SCALE 1 : 50 M

