



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
REGIONAL OFFICE IX
ZAMBOANGA CITY 2ND DISTRICT ENGINEERING OFFICE
DIVISORIA, ZAMBOANGA CITY

F.Y. 2025 PROJECT
BASIC EDUCATION FACILITIES FUND (BEFF)

DETAILED ENGINEERING PLAN FOR

**CONSTRUCTION OF SCHOOL BUILDING, MANICAHAN NATIONAL HIGH
SCHOOL, BARANGAY MANICAHAN, ZAMBOANGA CITY**

DESIGNED BY

ANTONIO E. PERAFLOR, JR.
ATTACHED PROFESSIONAL ENGINEER

DATE: 7/26/25

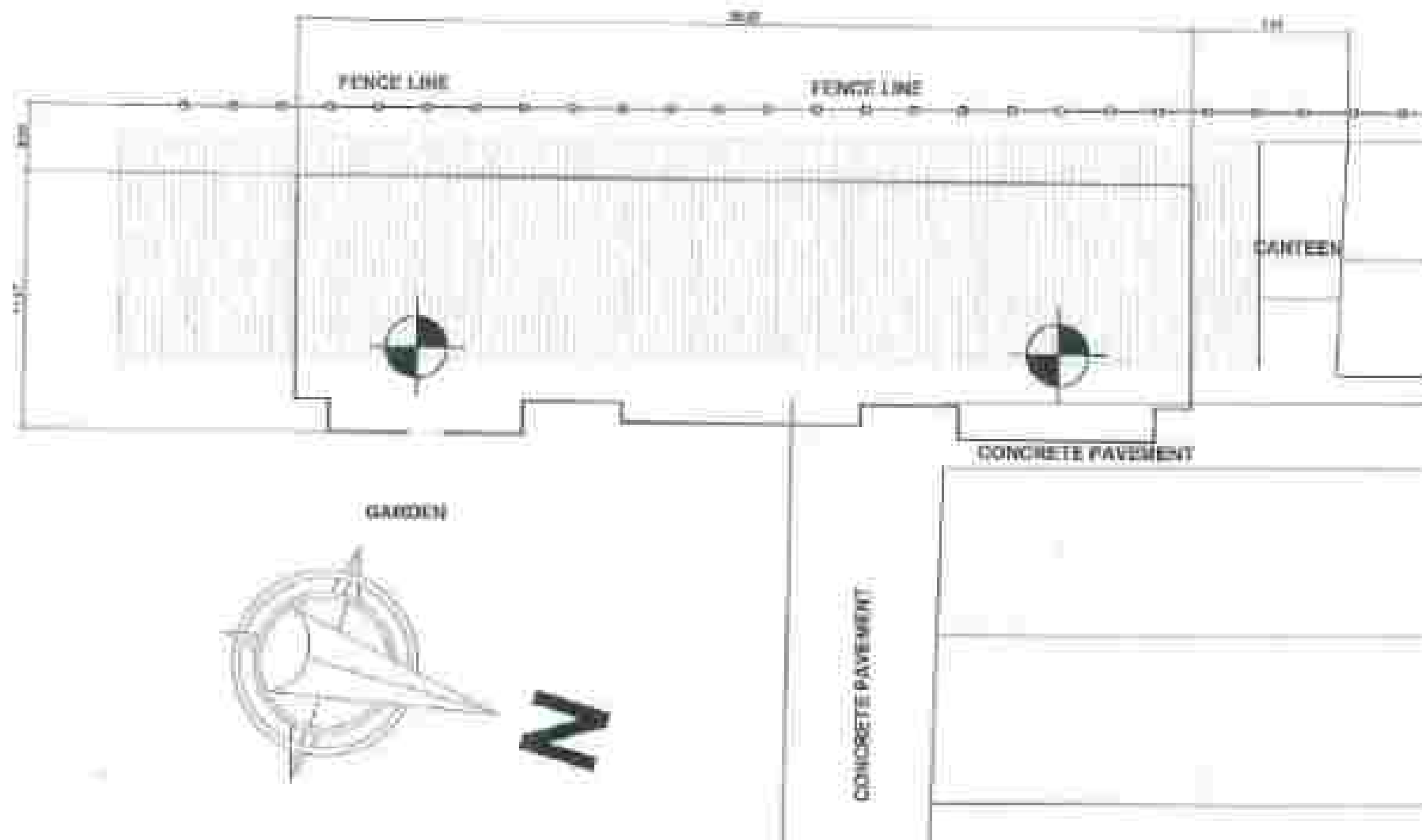
REVIEWED BY

ROBERTO DONDOL STA. ELENA
REGISTERED PROFESSIONAL ENGINEER

DATE: 7/26/25

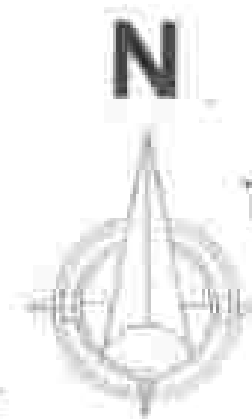
PILAR C. RIVERA
REGISTERED PROFESSIONAL ENGINEER

DATE: 7/26/25



BOREHOLE LOCATION PLAN

1:500



THIS SITE



LOCATION PLAN

PROPOSED CONSTRUCTION OF
SCHOOL BUILDING, MANGALAM
NATIONAL HIGH SCHOOL
BANGKAY BANGKAY
DARAGANG CITY



PROPOSED SITE DEVELOPMENT PLAN

1:500

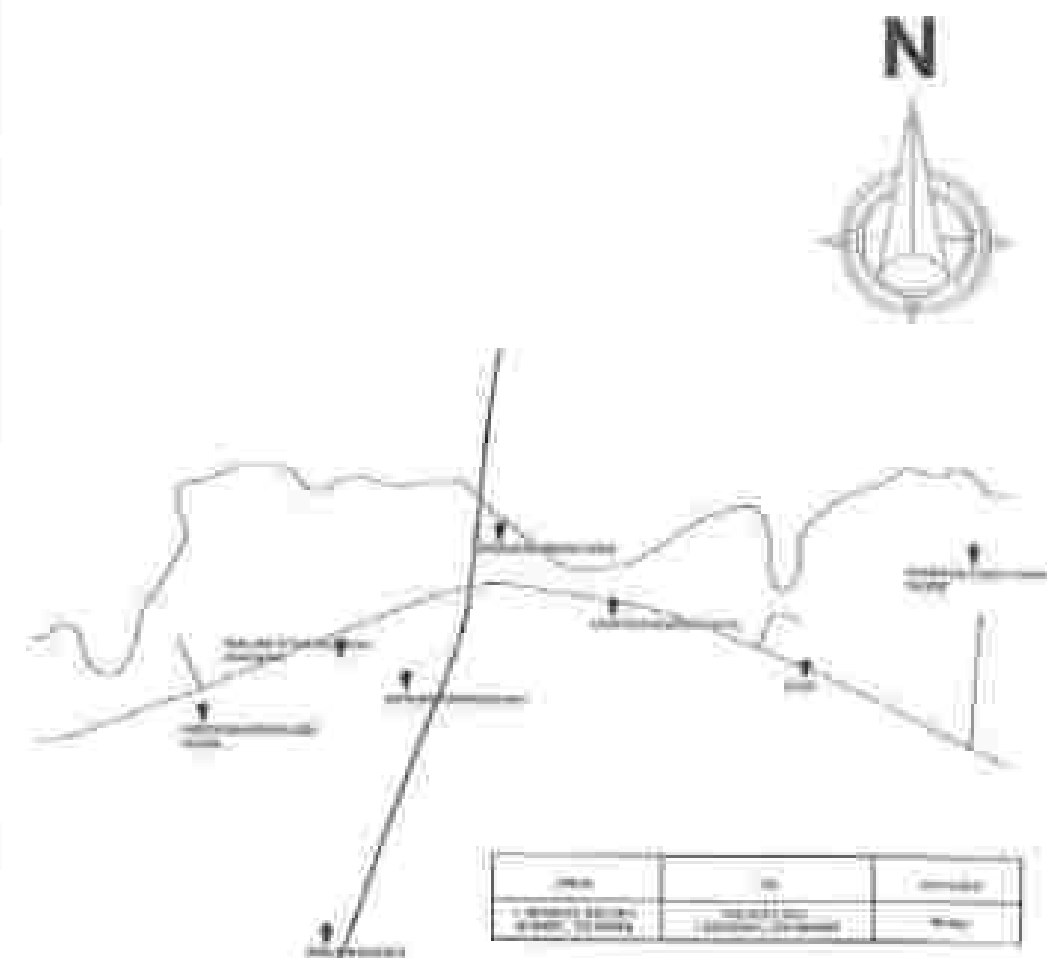
DEPARTMENT OF EDUCATION DIVISION OFFICE - MARIKINA CITY MARIKINA CITY, RIZAL	PROJECT TITLE CONSTRUCTION OF SCHOOL BUILDING, MANGALAM NATIONAL HIGH SCHOOL, BANGKAY BANGKAY, MARICANGA CITY LOCATION: MARICANGA, BANGKAY BANGKAY, MARICANGA CITY	APPROVED BY MARICANGA CITY ENGINEER DATE: _____	DESIGNED BY JEANNE S. BLANCO CHECKED BY ANGIE S. YOUNG	APPROVED BY ALFRED A. SERRANO	APPROVED BY ANGIE S. YOUNG	APPROVED BY ANGIE S. YOUNG	APPROVED BY ANGIE S. YOUNG	DATE: _____ BH 1
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MAP OF THE PHILIPPINES



ZAMBOANGA CITY MAP



LOCATION PLAN

 DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS DIVISION OFFICE - ZAMBOANGA CITY ZAMBOANGA CITY	PROJECT TITLE CONSTRUCTION OF SCHOOL BUILDING, BORGESAN NATIONAL HIGH SCHOOL, BARANGAY MANCAYAN, ZAMBOANGA CITY	SCHOOL DIVISION LOCATION MAP	DESIGNED BY  ANTONIO C. DOMINIGOS JR. 11/14/22	DRAWN BY  ALBERTO C. BAYAN 11/14/22	REVIEWED BY  ANTONIO C. DOMINIGOS JR. 11/14/22	APPROVED BY  RODRIGO COSIMO P. FLORIDA 11/14/22	PROJECT NO.  PLANO C. BAYAN 11/14/22	PROJECT NO. LM 1
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[illegible]

DISPOSAL SITE
FROM THE PROJECT
RUM, 1988

FIGURE 10-11

[illegible]

- NATIONAL ROAD
- BARANGAY ROAD
- EN ROUTE DISPOSAL
- PROJECT SITE

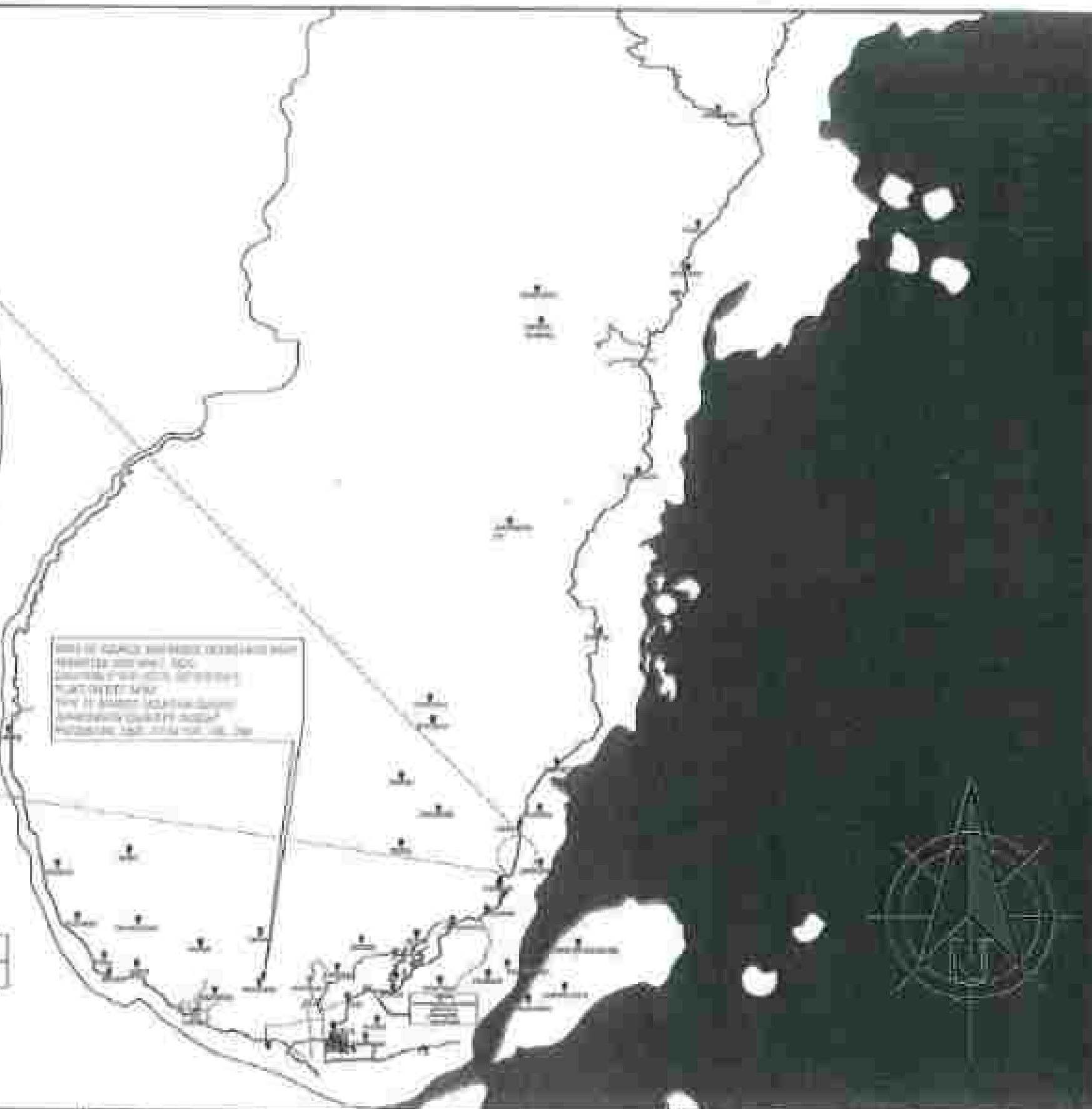
NATIONAL ROAD

BARANGAY ROAD

EN ROUTE DISPONIBLE

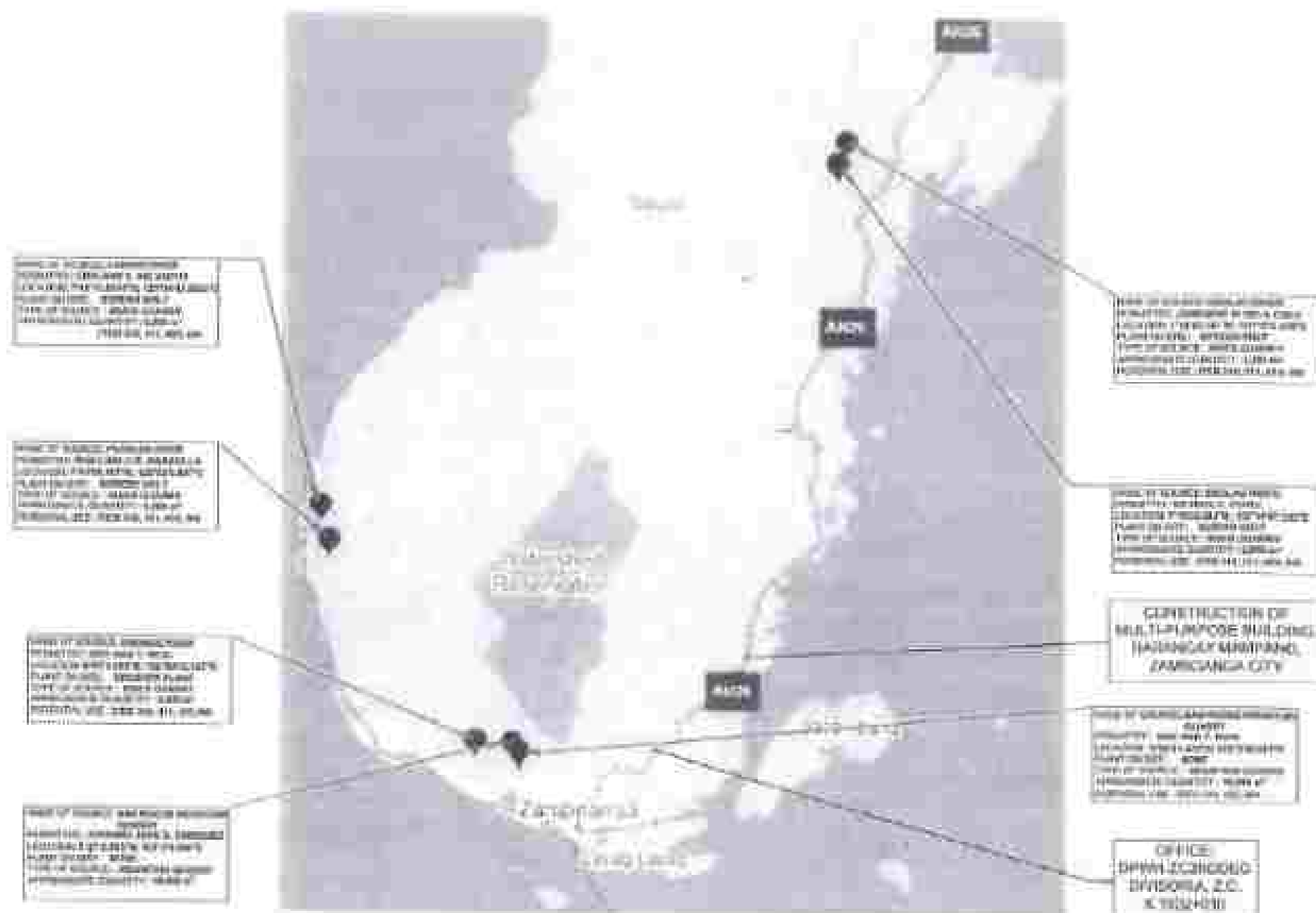
PROJECT SITE

Item	By	Signature
1. Director of the Office of the Attorney General	Director of the Office of the Attorney General	(Signature)



1. Name of the firm: _____ 2. Address of the firm: _____ 3. Nature of the business: _____ 4. Date of incorporation: _____ 5. Name of the promoter: _____ 6. Name of the director: _____ 7. Name of the manager: _____ 8. Name of the secretary: _____ 9. Name of the auditor: _____ 10. Name of the advocate: _____ 11. Name of the accountant: _____ 12. Name of the engineer: _____ 13. Name of the architect: _____ 14. Name of the surveyor: _____ 15. Name of the valuer: _____ 16. Name of the broker: _____ 17. Name of the agent: _____ 18. Name of the trustee: _____ 19. Name of the executor: _____ 20. Name of the administrator: _____ 21. Name of the guardian: _____ 22. Name of the receiver: _____ 23. Name of the liquidator: _____ 24. Name of the assignee: _____ 25. Name of the assignor: _____ 26. Name of the assignee: _____ 27. Name of the assignor: _____ 28. Name of the assignee: _____ 29. Name of the assignor: _____ 30. Name of the assignee: _____	1. Name of the firm: _____ 2. Address of the firm: _____ 3. Nature of the business: _____ 4. Date of incorporation: _____ 5. Name of the promoter: _____ 6. Name of the director: _____ 7. Name of the manager: _____ 8. Name of the secretary: _____ 9. Name of the auditor: _____ 10. Name of the advocate: _____ 11. Name of the accountant: _____ 12. Name of the engineer: _____ 13. Name of the architect: _____ 14. Name of the surveyor: _____ 15. Name of the valuer: _____ 16. Name of the broker: _____ 17. Name of the agent: _____ 18. Name of the trustee: _____ 19. Name of the executor: _____ 20. Name of the administrator: _____ 21. Name of the guardian: _____ 22. Name of the receiver: _____ 23. Name of the liquidator: _____ 24. Name of the assignee: _____ 25. Name of the assignor: _____ 26. Name of the assignee: _____ 27. Name of the assignor: _____ 28. Name of the assignee: _____ 29. Name of the assignor: _____ 30. Name of the assignee: _____	1. Name of the firm: _____ 2. Address of the firm: _____ 3. Nature of the business: _____ 4. Date of incorporation: _____ 5. Name of the promoter: _____ 6. Name of the director: _____ 7. Name of the manager: _____ 8. Name of the secretary: _____ 9. Name of the auditor: _____ 10. Name of the advocate: _____ 11. Name of the accountant: _____ 12. Name of the engineer: _____ 13. Name of the architect: _____ 14. Name of the surveyor: _____ 15. Name of the valuer: _____ 16. Name of the broker: _____ 17. Name of the agent: _____ 18. Name of the trustee: _____ 19. Name of the executor: _____ 20. Name of the administrator: _____ 21. Name of the guardian: _____ 22. Name of the receiver: _____ 23. Name of the liquidator: _____ 24. Name of the assignee: _____ 25. Name of the assignor: _____ 26. Name of the assignee: _____ 27. Name of the assignor: _____ 28. Name of the assignee: _____ 29. Name of the assignor: _____ 30. Name of the assignee: _____
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Project Title	Project Description	Project Status	Project Manager
Project A	Project A Description	Project A Status	Project A Manager
Project B	Project B Description	Project B Status	Project B Manager
Project C	Project C Description	Project C Status	Project C Manager
Project D	Project D Description	Project D Status	Project D Manager
Project E	Project E Description	Project E Status	Project E Manager
Project F	Project F Description	Project F Status	Project F Manager
Project G	Project G Description	Project G Status	Project G Manager
Project H	Project H Description	Project H Status	Project H Manager
Project I	Project I Description	Project I Status	Project I Manager
Project J	Project J Description	Project J Status	Project J Manager



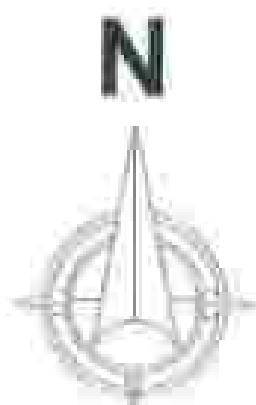
ZAMBOANGA CITY MAP

UPDATED MATERIAL SOURCE MAP
JULY TO DECEMBER 2024 FROM QUALITY ASSURANCE SECTION
ZAMBIANICA CITY 2ND DISTRICT ENGINEERING OFFICE

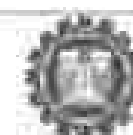
 DEPARTMENT OF EDUCATION DIVISION OFFICE - MARIKINA CITY MARIKINA CITY, ZAMBALAGA CITY ZAMBALAGA CITY	PROJECT TITLE	DESCRIPTION	DESIGNED BY	DESIGNED BY	DESIGNED BY	DESIGNED BY	DESIGNED BY	DESIGNED BY
	CONSTRUCTION OF SCHOOL BUS BAY, MARICANAN NATIONAL HIGH SCHOOL, MARICANAN, ZAMBALAGA CITY	CONSTRUCTION OF SCHOOL BUS BAY, MARICANAN NATIONAL HIGH SCHOOL, MARICANAN, ZAMBALAGA CITY	CHRISTOPHER A. CALABOG	ALFONSO A. ENRIQUE	ANTONIO E. PERALLOS JR.	ANTONIO E. PERALLOS JR.	ANTONIO E. PERALLOS JR.	ANTONIO E. PERALLOS JR.



LOCATION PLAN


PERSPECTIVE
PROPOSED SITE DEVELOPMENT PLAN

EXISTING SITE DEVELOPMENT PLAN

[illegible]

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Journal of Internal Medicine 247: 111–117

LAND USE AND ZONING

LINE AND GRADE

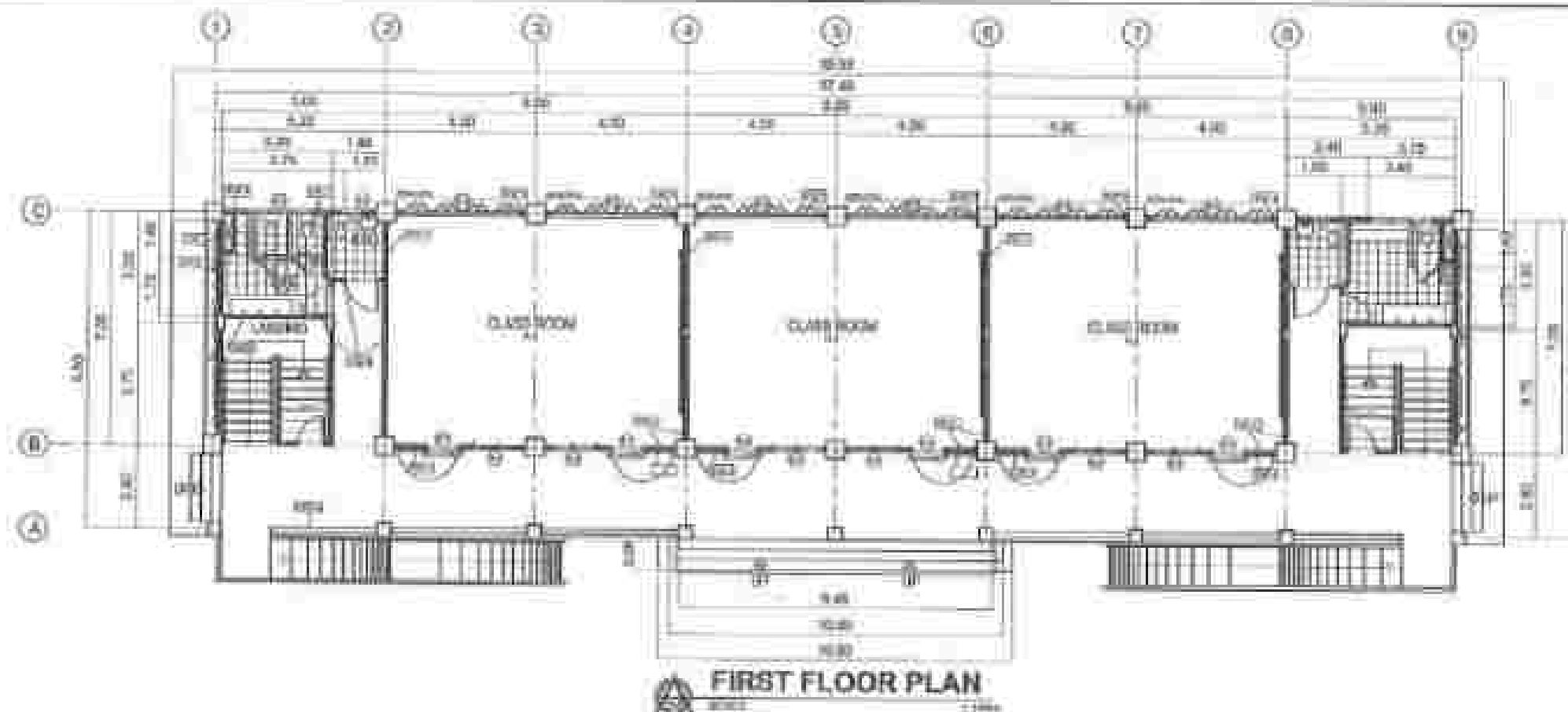
ARCHITECTURAL

STRUCTURAL

REFERENCES

ELECTRONIC

Abstract

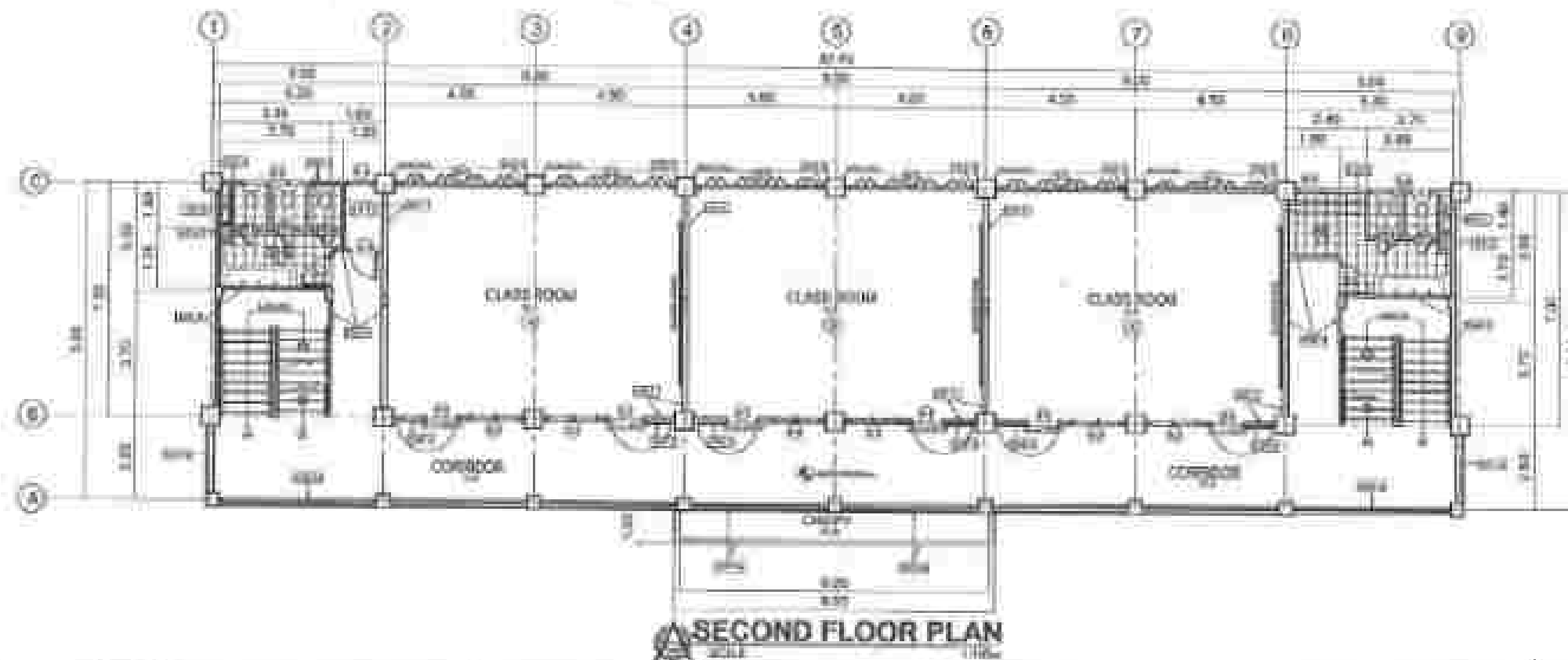


SCHEDULE OF FLOOR FINISHES

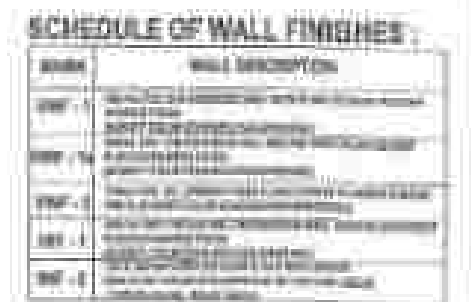
NO.	DESCRIPTION
FF-1	CONCRETE FLOOR FINISH
FF-2	CEMENT SAND FLOOR FINISH
FF-3	CEMENT SAND FLOOR FINISH
FF-4	CEMENT SAND FLOOR FINISH

SCHEDULE OF WALL FINISHES

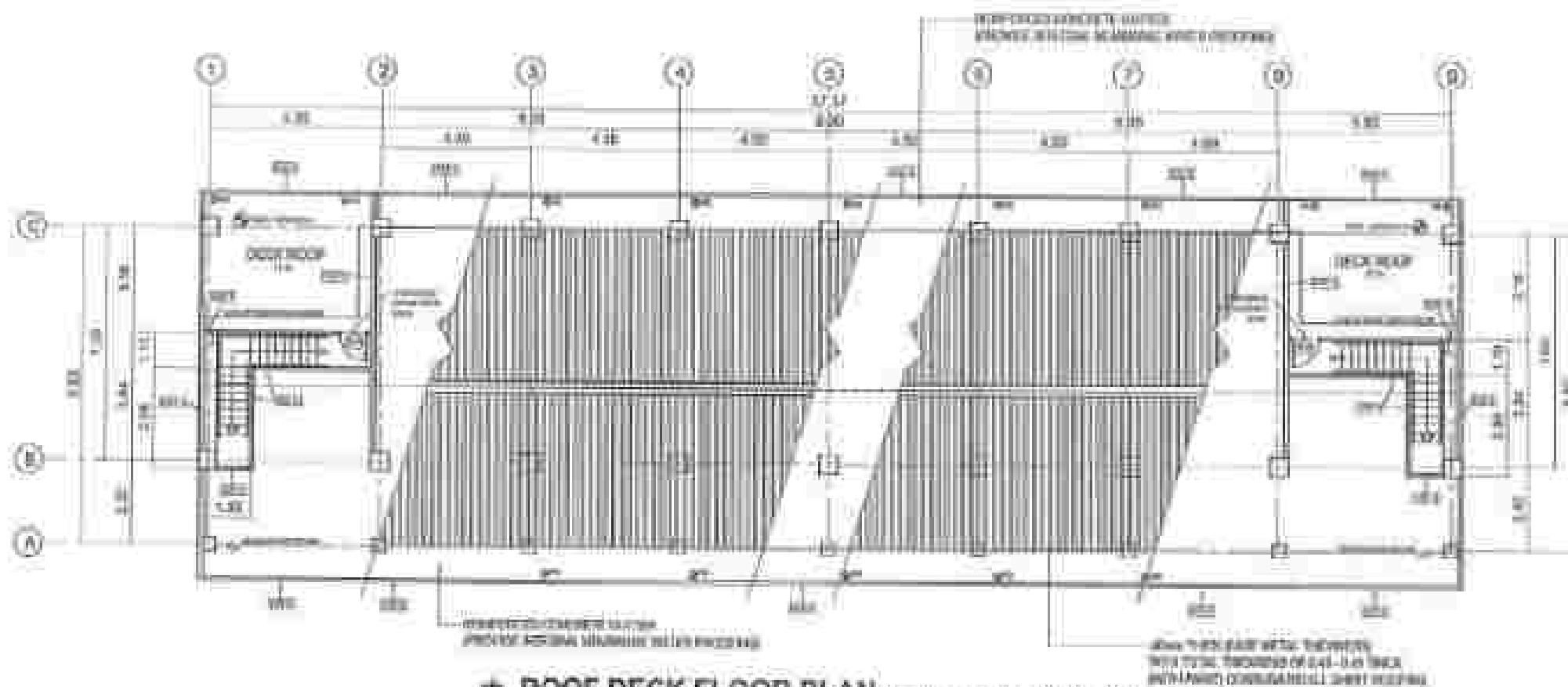
NO.	DESCRIPTION
WF-1	CEMENT SAND FLOOR FINISH
WF-2	CEMENT SAND FLOOR FINISH
WF-3	CEMENT SAND FLOOR FINISH
WF-4	CEMENT SAND FLOOR FINISH
WF-5	CEMENT SAND FLOOR FINISH
WF-6	CEMENT SAND FLOOR FINISH
WF-7	CEMENT SAND FLOOR FINISH
WF-8	CEMENT SAND FLOOR FINISH
WF-9	CEMENT SAND FLOOR FINISH
WF-10	CEMENT SAND FLOOR FINISH
WF-11	CEMENT SAND FLOOR FINISH
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WF-99	CEMENT SAND FLOOR FINISH
WF-100	CEMENT SAND FLOOR FINISH



 DEPARTMENT OF EDUCATION DIVISION OFFICE - ZAMBOANGA CITY SCHOOL DIVISION OFFICE - ZAMBOANGA CITY	PROJECT TITLE: CONSTRUCTION OF SCHOOL BUILDING, MANGAYAN NATIONAL HIGH SCHOOL, BARANGAY MANGAYAN, ZAMBOANGA CITY DESIGNED BY: JUAN MIGUEL GARCIA, JR.	PROJECT NO.: 1001 DATE: 10/10/10	DESIGNED BY: JUAN MIGUEL GARCIA, JR. DATE: 10/10/10	DESIGNED BY: JUAN MIGUEL GARCIA, JR. DATE: 10/10/10	DESIGNED BY: JUAN MIGUEL GARCIA, JR. DATE: 10/10/10	DESIGNED BY: JUAN MIGUEL GARCIA, JR. DATE: 10/10/10	DESIGNED BY: JUAN MIGUEL GARCIA, JR. DATE: 10/10/10	DESIGNED BY: JUAN MIGUEL GARCIA, JR. DATE: 10/10/10
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FOURTH FLOOR PLAN



SCHEDULE OF FLOOR FINISHES :

NO.	DESCRIPTION
FL-1	FLOOR SLAB FINISH WITH COMPACTED SAND FILL FINISH
FL-2	FLOOR SLAB FINISH WITH COMPACTED SAND FILL FINISH WITH 100MM MINIMUM SLAB THICKNESS
FL-3	DOOR ROOF FINISH WITH 100MM MINIMUM SLAB THICKNESS
FL-4	TRUCK ROOF FINISH WITH 100MM MINIMUM SLAB THICKNESS

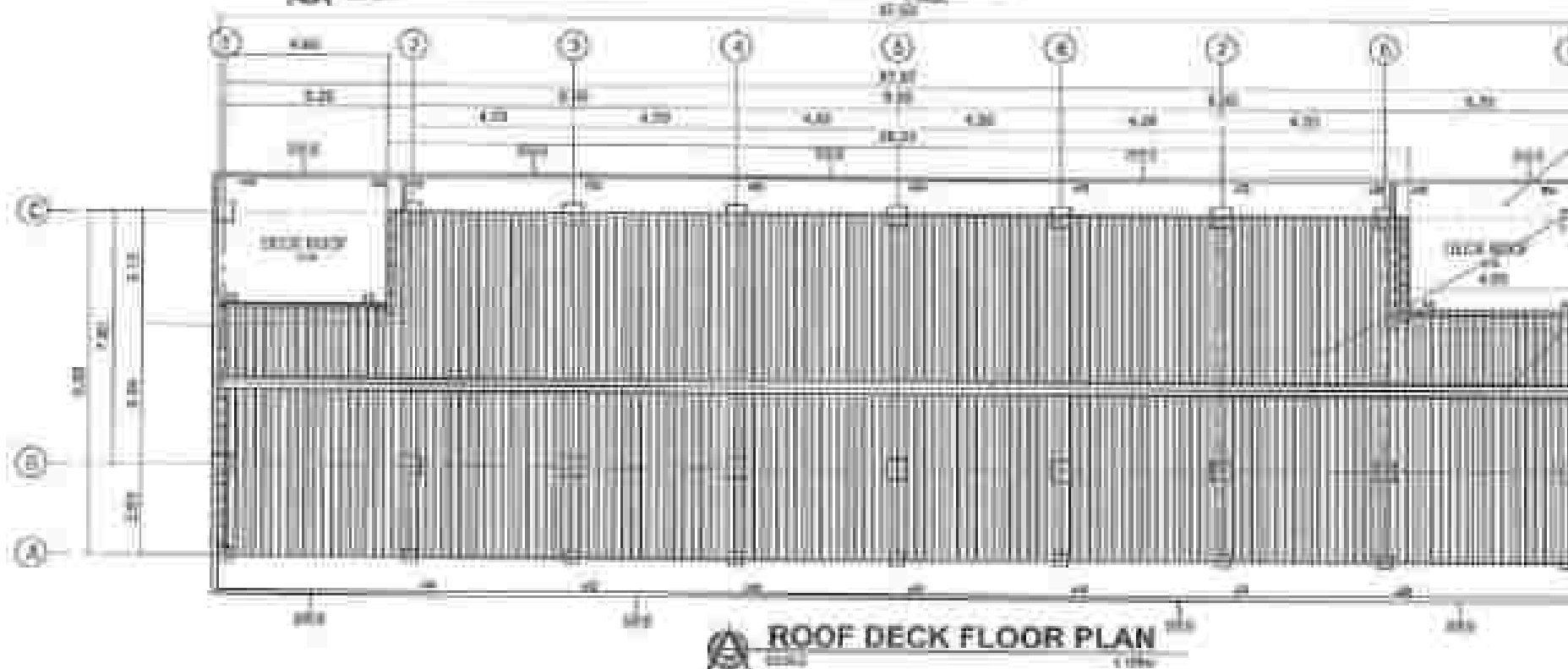
SCHEDULE OF WALL FINISHES :

NO.	DESCRIPTION
WF-1	WALL FINISH WITH 100MM MINIMUM SLAB THICKNESS WITH 100MM MINIMUM SLAB THICKNESS
WF-2	WALL FINISH WITH 100MM MINIMUM SLAB THICKNESS WITH 100MM MINIMUM SLAB THICKNESS
WF-3	WALL FINISH WITH 100MM MINIMUM SLAB THICKNESS WITH 100MM MINIMUM SLAB THICKNESS
WF-4	WALL FINISH WITH 100MM MINIMUM SLAB THICKNESS WITH 100MM MINIMUM SLAB THICKNESS
WF-5	WALL FINISH WITH 100MM MINIMUM SLAB THICKNESS WITH 100MM MINIMUM SLAB THICKNESS

NOTE:

1. ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED.

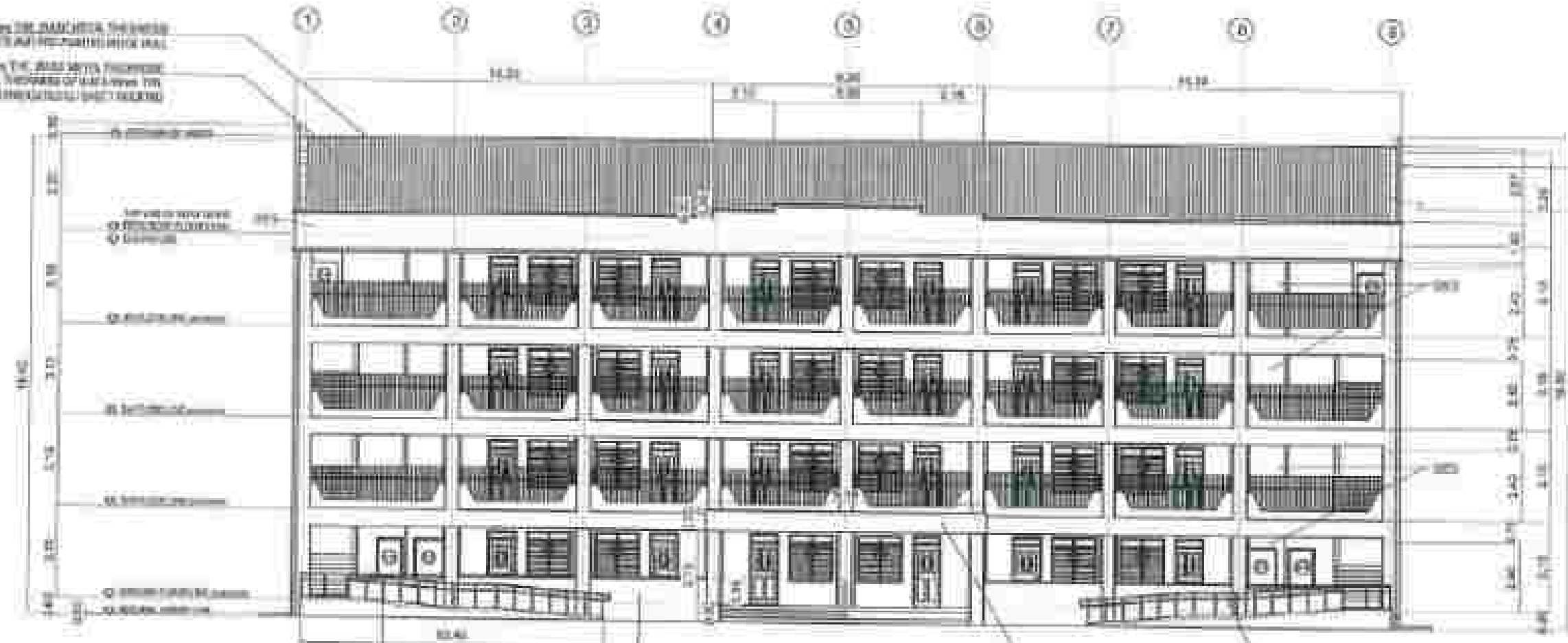
ROOF DECK FLOOR PLAN (EXISTING PARTIAL PLAN OF ROOF)



- REINFORCED CONCRETE SLAB WITH 100MM MINIMUM SLAB THICKNESS
- DOOR THICKNESS WITH TOTAL THICKNESS OF 0.45-0.50 METER WITH FLOOR CONCRETE SLAB THICKNESS
- TRUCK ROOF
- DOOR THICKNESS WITH TOTAL THICKNESS OF 0.45-0.50 METER WITH FLOOR CONCRETE SLAB THICKNESS
- REINFORCED CONCRETE SLAB WITH 100MM MINIMUM SLAB THICKNESS
- DOOR THICKNESS WITH TOTAL THICKNESS OF 0.45-0.50 METER WITH FLOOR CONCRETE SLAB THICKNESS

ROOF DECK FLOOR PLAN

ROOF DE BRANCHES TO BE
RECOVERED WITH 18" WIDE RAIL
ALONG THE ROOF EDGES TO BE
WITH 10% SLOPE OF 1/4" PER FT.
(MINIMUM) TO DRAINAGE (NOT REQUIRED)



ROOF DE BRANCHES TO BE
RECOVERED WITH 18" WIDE RAIL
ALONG THE ROOF EDGES TO BE
WITH 10% SLOPE OF 1/4" PER FT.
(MINIMUM) TO DRAINAGE (NOT REQUIRED)

3" X 6" STAINLESS STEEL PIPE
HORIZONTAL & VERTICAL 1/2" TYPICAL
FOR HIGH RISE PLUMBING
COULDN'T BE USED ON
BRAND STAINLESS STEEL VERTICAL PIPE
BECAUSE THERE IS
NOTHING TO BE USED

ROOF DE BRANCHES TO BE
RECOVERED WITH 18" WIDE RAIL
ALONG THE ROOF EDGES TO BE
WITH 10% SLOPE OF 1/4" PER FT.
(MINIMUM) TO DRAINAGE (NOT REQUIRED)

ROOF DE BRANCHES TO BE
RECOVERED WITH 18" WIDE RAIL
ALONG THE ROOF EDGES TO BE
WITH 10% SLOPE OF 1/4" PER FT.
(MINIMUM) TO DRAINAGE (NOT REQUIRED)

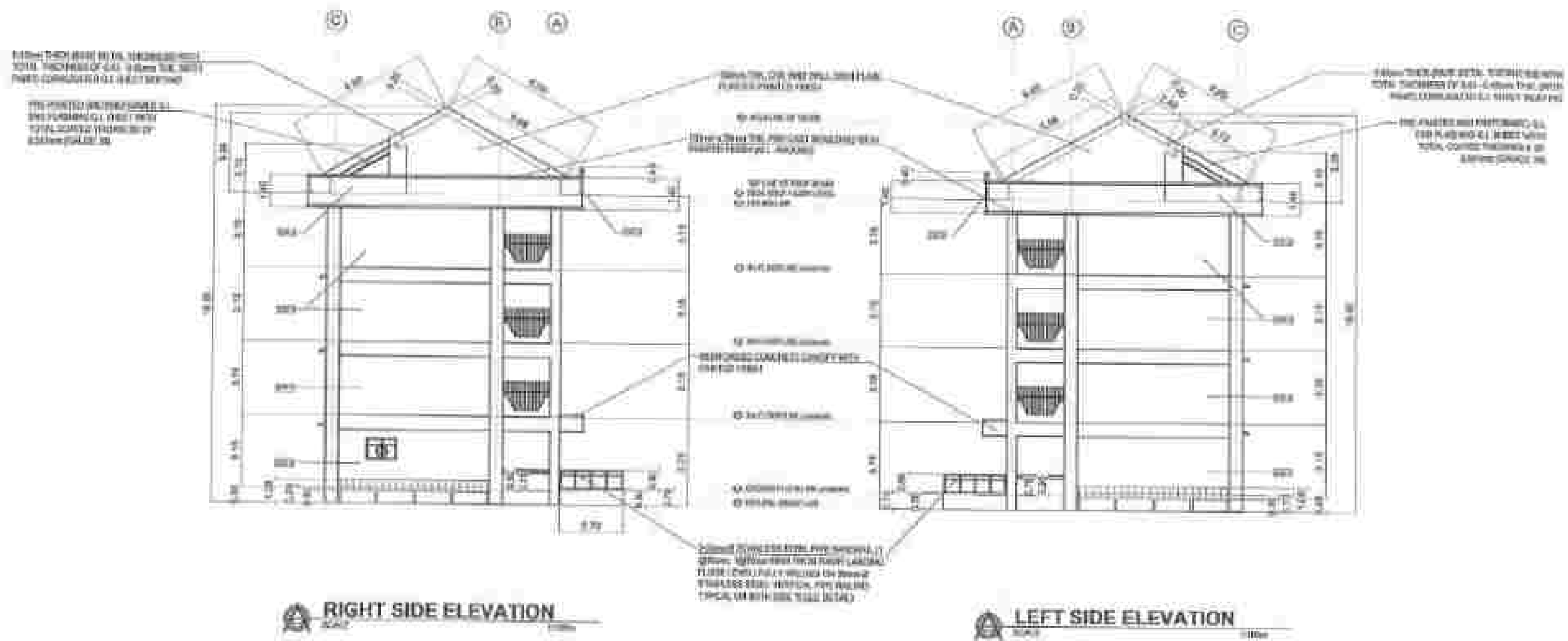
3" X 6" STAINLESS STEEL PIPE
HORIZONTAL & VERTICAL 1/2" TYPICAL
FOR HIGH RISE PLUMBING
COULDN'T BE USED ON
BRAND STAINLESS STEEL VERTICAL PIPE
BECAUSE THERE IS
NOTHING TO BE USED

SCHEDULE OF WALL FINISHES :

NO.	WALL DESCRIPTION
WSP-1	ROOF DE BRANCHES TO BE RECOVERED WITH 18" WIDE RAIL ALONG THE ROOF EDGES TO BE WITH 10% SLOPE OF 1/4" PER FT. (MINIMUM) TO DRAINAGE (NOT REQUIRED)
WSP-1A	ROOF DE BRANCHES TO BE RECOVERED WITH 18" WIDE RAIL ALONG THE ROOF EDGES TO BE WITH 10% SLOPE OF 1/4" PER FT. (MINIMUM) TO DRAINAGE (NOT REQUIRED)
WSP-1B	ROOF DE BRANCHES TO BE RECOVERED WITH 18" WIDE RAIL ALONG THE ROOF EDGES TO BE WITH 10% SLOPE OF 1/4" PER FT. (MINIMUM) TO DRAINAGE (NOT REQUIRED)
WSP-1C	ROOF DE BRANCHES TO BE RECOVERED WITH 18" WIDE RAIL ALONG THE ROOF EDGES TO BE WITH 10% SLOPE OF 1/4" PER FT. (MINIMUM) TO DRAINAGE (NOT REQUIRED)
WSP-1D	ROOF DE BRANCHES TO BE RECOVERED WITH 18" WIDE RAIL ALONG THE ROOF EDGES TO BE WITH 10% SLOPE OF 1/4" PER FT. (MINIMUM) TO DRAINAGE (NOT REQUIRED)
WSP-1E	ROOF DE BRANCHES TO BE RECOVERED WITH 18" WIDE RAIL ALONG THE ROOF EDGES TO BE WITH 10% SLOPE OF 1/4" PER FT. (MINIMUM) TO DRAINAGE (NOT REQUIRED)
WSP-1F	ROOF DE BRANCHES TO BE RECOVERED WITH 18" WIDE RAIL ALONG THE ROOF EDGES TO BE WITH 10% SLOPE OF 1/4" PER FT. (MINIMUM) TO DRAINAGE (NOT REQUIRED)
WSP-1G	ROOF DE BRANCHES TO BE RECOVERED WITH 18" WIDE RAIL ALONG THE ROOF EDGES TO BE WITH 10% SLOPE OF 1/4" PER FT. (MINIMUM) TO DRAINAGE (NOT REQUIRED)
WSP-1H	ROOF DE BRANCHES TO BE RECOVERED WITH 18" WIDE RAIL ALONG THE ROOF EDGES TO BE WITH 10% SLOPE OF 1/4" PER FT. (MINIMUM) TO DRAINAGE (NOT REQUIRED)
WSP-1I	ROOF DE BRANCHES TO BE RECOVERED WITH 18" WIDE RAIL ALONG THE ROOF EDGES TO BE WITH 10% SLOPE OF 1/4" PER FT. (MINIMUM) TO DRAINAGE (NOT REQUIRED)
WSP-1J	ROOF DE BRANCHES TO BE RECOVERED WITH 18" WIDE RAIL ALONG THE ROOF EDGES TO BE WITH 10% SLOPE OF 1/4" PER FT. (MINIMUM) TO DRAINAGE (NOT REQUIRED)
WSP-1K	ROOF DE BRANCHES TO BE RECOVERED WITH 18" WIDE RAIL ALONG THE ROOF EDGES TO BE WITH 10% SLOPE OF 1/4" PER FT. (MINIMUM) TO DRAINAGE (NOT REQUIRED)
WSP-1L	ROOF DE BRANCHES TO BE RECOVERED WITH 18" WIDE RAIL ALONG THE ROOF EDGES TO BE WITH 10% SLOPE OF 1/4" PER FT. (MINIMUM) TO DRAINAGE (NOT REQUIRED)
WSP-1M	ROOF DE BRANCHES TO BE RECOVERED WITH 18" WIDE RAIL ALONG THE ROOF EDGES TO BE WITH 10% SLOPE OF 1/4" PER FT. (MINIMUM) TO DRAINAGE (NOT REQUIRED)
WSP-1N	ROOF DE BRANCHES TO BE RECOVERED WITH 18" WIDE RAIL ALONG THE ROOF EDGES TO BE WITH 10% SLOPE OF 1/4" PER FT. (MINIMUM) TO DRAINAGE (NOT REQUIRED)
WSP-1O	ROOF DE BRANCHES TO BE RECOVERED WITH 18" WIDE RAIL ALONG THE ROOF EDGES TO BE WITH 10% SLOPE OF 1/4" PER FT. (MINIMUM) TO DRAINAGE (NOT REQUIRED)
WSP-1P	ROOF DE BRANCHES TO BE RECOVERED WITH 18" WIDE RAIL ALONG THE ROOF EDGES TO BE WITH 10% SLOPE OF 1/4" PER FT. (MINIMUM) TO DRAINAGE (NOT REQUIRED)
WSP-1Q	ROOF DE BRANCHES TO BE RECOVERED WITH 18" WIDE RAIL ALONG THE ROOF EDGES TO BE WITH 10% SLOPE OF 1/4" PER FT. (MINIMUM) TO DRAINAGE (NOT REQUIRED)
WSP-1R	ROOF DE BRANCHES TO BE RECOVERED WITH 18" WIDE RAIL ALONG THE ROOF EDGES TO BE WITH 10% SLOPE OF 1/4" PER FT. (MINIMUM) TO DRAINAGE (NOT REQUIRED)
WSP-1S	ROOF DE BRANCHES TO BE RECOVERED WITH 18" WIDE RAIL ALONG THE ROOF EDGES TO BE WITH 10% SLOPE OF 1/4" PER FT. (MINIMUM) TO DRAINAGE (NOT REQUIRED)
WSP-1T	ROOF DE BRANCHES TO BE RECOVERED WITH 18" WIDE RAIL ALONG THE ROOF EDGES TO BE WITH 10% SLOPE OF 1/4" PER FT. (MINIMUM) TO DRAINAGE (NOT REQUIRED)
WSP-1U	ROOF DE BRANCHES TO BE RECOVERED WITH 18" WIDE RAIL ALONG THE ROOF EDGES TO BE WITH 10% SLOPE OF 1/4" PER FT. (MINIMUM) TO DRAINAGE (NOT REQUIRED)
WSP-1V	ROOF DE BRANCHES TO BE RECOVERED WITH 18" WIDE RAIL ALONG THE ROOF EDGES TO BE WITH 10% SLOPE OF 1/4" PER FT. (MINIMUM) TO DRAINAGE (NOT REQUIRED)
WSP-1W	ROOF DE BRANCHES TO BE RECOVERED WITH 18" WIDE RAIL ALONG THE ROOF EDGES TO BE WITH 10% SLOPE OF 1/4" PER FT. (MINIMUM) TO DRAINAGE (NOT REQUIRED)
WSP-1X	ROOF DE BRANCHES TO BE RECOVERED WITH 18" WIDE RAIL ALONG THE ROOF EDGES TO BE WITH 10% SLOPE OF 1/4" PER FT. (MINIMUM) TO DRAINAGE (NOT REQUIRED)
WSP-1Y	ROOF DE BRANCHES TO BE RECOVERED WITH 18" WIDE RAIL ALONG THE ROOF EDGES TO BE WITH 10% SLOPE OF 1/4" PER FT. (MINIMUM) TO DRAINAGE (NOT REQUIRED)
WSP-1Z	ROOF DE BRANCHES TO BE RECOVERED WITH 18" WIDE RAIL ALONG THE ROOF EDGES TO BE WITH 10% SLOPE OF 1/4" PER FT. (MINIMUM) TO DRAINAGE (NOT REQUIRED)

FRONT VIEW ELEVATION

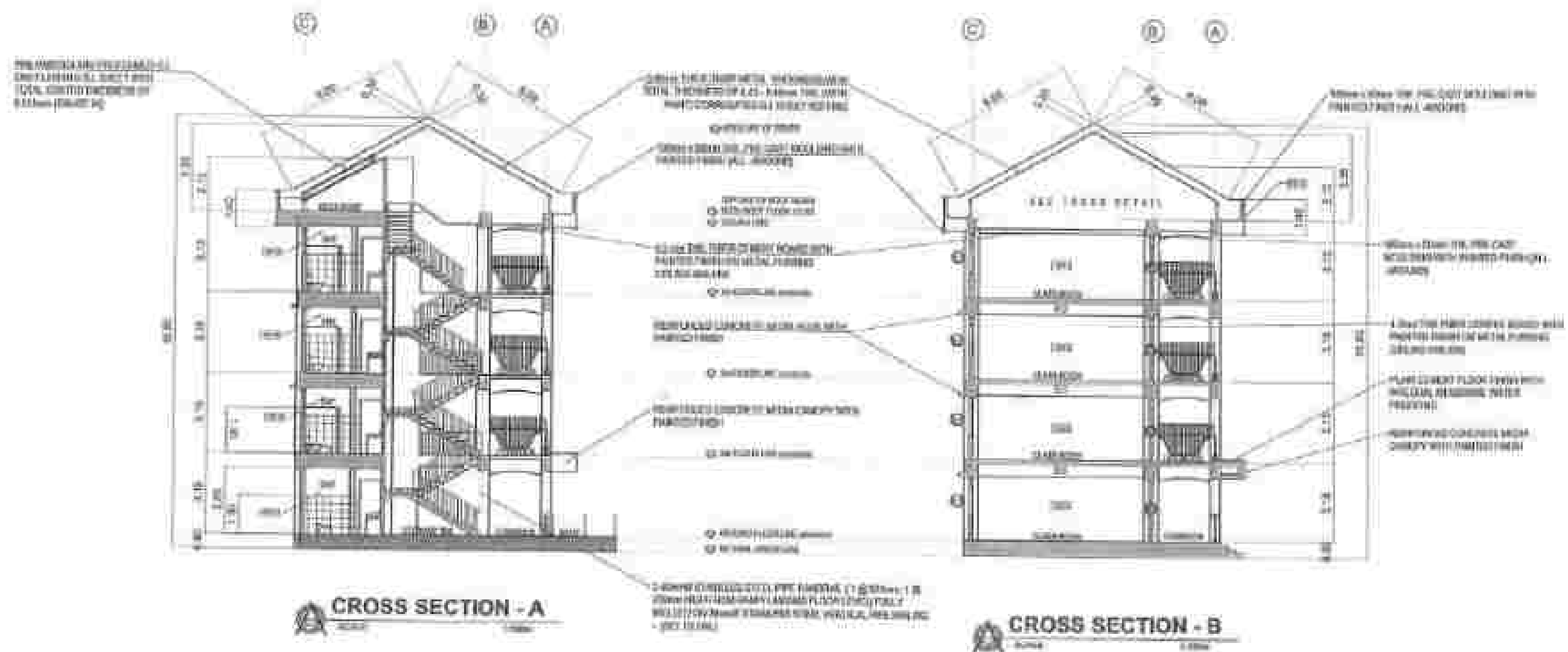
REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS BUREAU OF HIGHWAYS DIVISION OFFICE - CAGAYAN DE ORO	PROJECT TITLE: CONSTRUCTION OF SCHOOL BUILDING, MARICORAN NATIONAL HIGH SCHOOL, MARICORAN, CAGAYAN DE ORO	ARCHITECT: FRONT VIEW ELEVATION	DESIGNED BY: [Signature] ENGR. W. MARCO A. SALCEDO	CHECKED BY: [Signature] AL. MARCO A. SALCEDO	APPROVED BY: [Signature] ANTONIO E. MARCOLO, JR.	REVIEWED BY: [Signature] ROBERTO D. MARCOLO, JR.	DATE: [Signature] [Signature]	SCALE: A 5
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SCHEDULE OF WALL FINISHES

NO.	DESCRIPTION
1	150mm THICK POLYURETHANE INSULATION, TOTAL THICKNESS OF G.I. SHEET WITH INSULATION SHALL BE 150mm.
2	150mm THICK POLYURETHANE INSULATION, TOTAL THICKNESS OF G.I. SHEET WITH INSULATION SHALL BE 150mm.
3	150mm THICK POLYURETHANE INSULATION, TOTAL THICKNESS OF G.I. SHEET WITH INSULATION SHALL BE 150mm.
4	150mm THICK POLYURETHANE INSULATION, TOTAL THICKNESS OF G.I. SHEET WITH INSULATION SHALL BE 150mm.
5	150mm THICK POLYURETHANE INSULATION, TOTAL THICKNESS OF G.I. SHEET WITH INSULATION SHALL BE 150mm.
6	150mm THICK POLYURETHANE INSULATION, TOTAL THICKNESS OF G.I. SHEET WITH INSULATION SHALL BE 150mm.
7	150mm THICK POLYURETHANE INSULATION, TOTAL THICKNESS OF G.I. SHEET WITH INSULATION SHALL BE 150mm.
8	150mm THICK POLYURETHANE INSULATION, TOTAL THICKNESS OF G.I. SHEET WITH INSULATION SHALL BE 150mm.
9	150mm THICK POLYURETHANE INSULATION, TOTAL THICKNESS OF G.I. SHEET WITH INSULATION SHALL BE 150mm.
10	150mm THICK POLYURETHANE INSULATION, TOTAL THICKNESS OF G.I. SHEET WITH INSULATION SHALL BE 150mm.

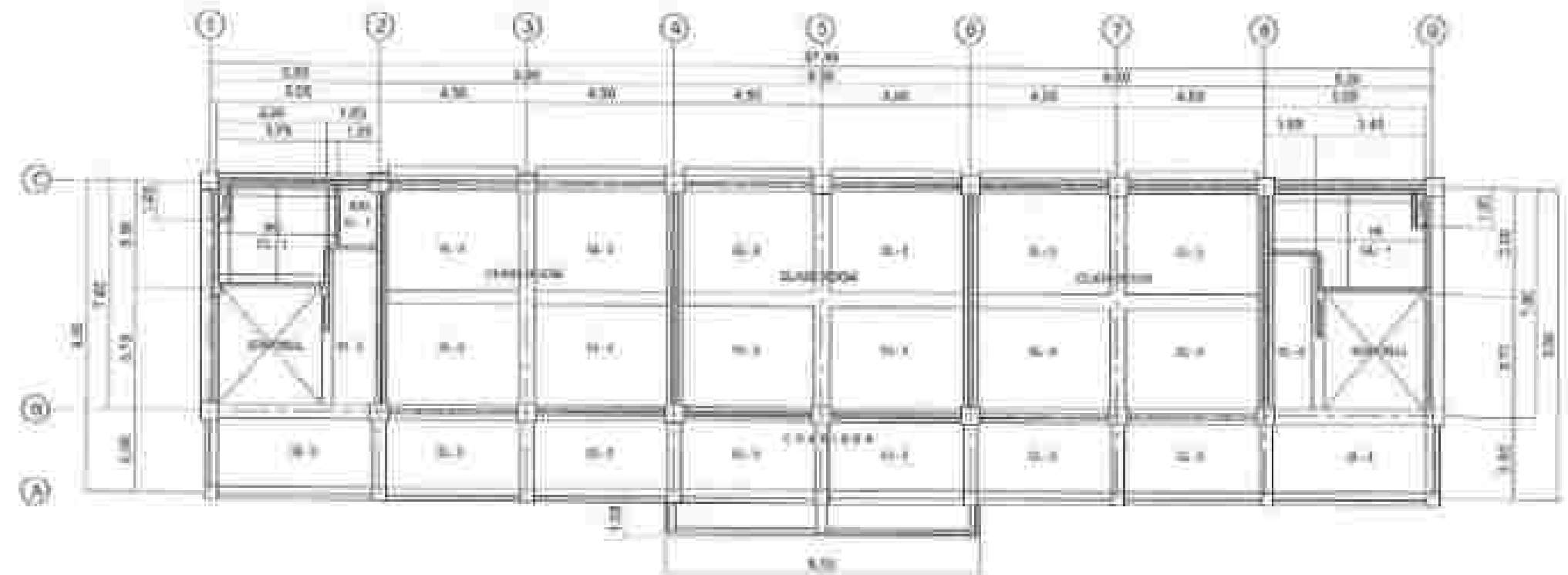
DEPARTMENT OF EDUCATION DIVISION OFFICE - MARIKINA CITY	PROJECT NO. 1 CONSTRUCTION OF SCHOOL BUILDING, MARICANAN NATIONAL HIGH SCHOOL, MARICANAN, ZAMBANGIA CITY DESIGN: (Signature)	NO. OF SHEETS: 1 DATE: 1/12/10	DESIGNED BY: (Signature) ALFRED A. SARAZA	CHECKED BY: (Signature) ALFRED A. SARAZA	APPROVED BY: (Signature) ANTONIO E. FERRER, JR.	REVIEWED BY: (Signature) ROBERTO B. B. B. B.	DATE: 1/12/10	NO. 7
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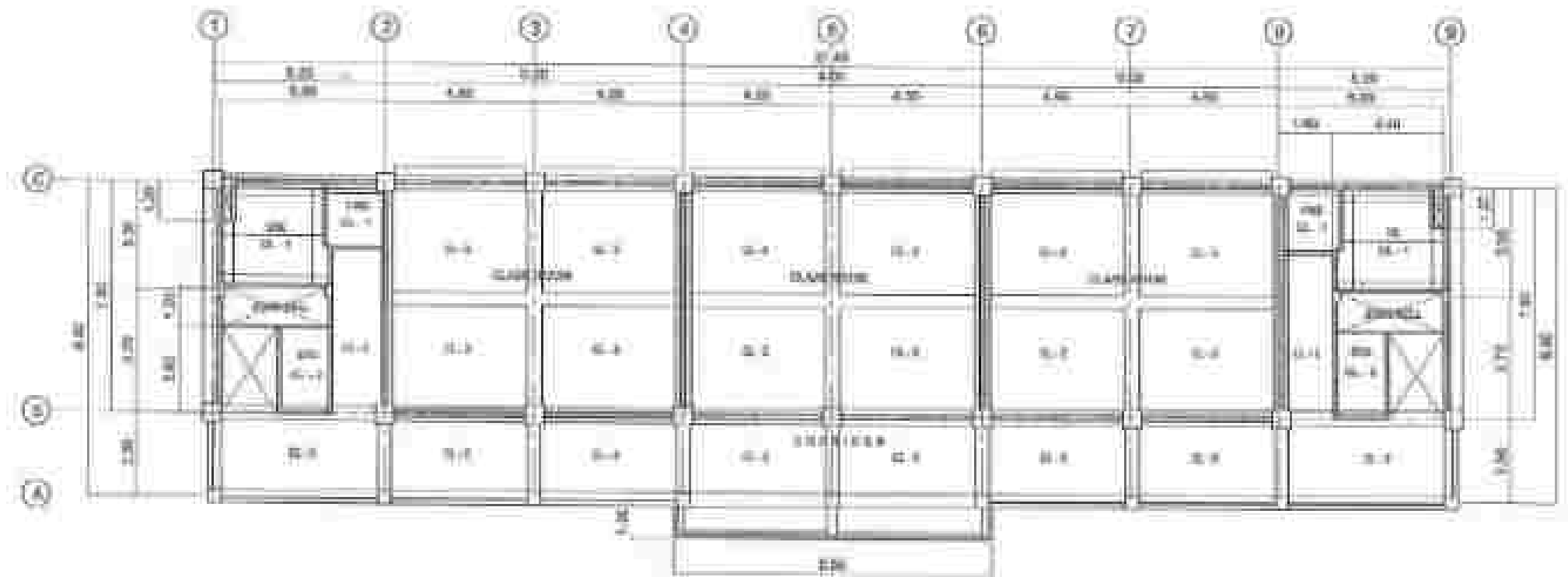
NO.	DESCRIPTION
1	CONCRETE FLOOR WITH 100MM THICK POLYSTYRENE INSULATION
2	CONCRETE WALL WITH 100MM THICK POLYSTYRENE INSULATION
3	CONCRETE SLAB WITH 100MM THICK POLYSTYRENE INSULATION
4	CONCRETE COLUMN WITH 100MM THICK POLYSTYRENE INSULATION
5	CONCRETE BEAM WITH 100MM THICK POLYSTYRENE INSULATION
6	CONCRETE STAIR WITH 100MM THICK POLYSTYRENE INSULATION
7	CONCRETE ROOF WITH 100MM THICK POLYSTYRENE INSULATION
8	CONCRETE CHIMNEY WITH 100MM THICK POLYSTYRENE INSULATION
9	CONCRETE DRAIN WITH 100MM THICK POLYSTYRENE INSULATION
10	CONCRETE VENT WITH 100MM THICK POLYSTYRENE INSULATION

 DEPARTMENT OF EDUCATION DIVISION OFFICE - MARIKINA CITY MARIKINA CITY, PHILIPPINES	PROJECT TITLE: CONSTRUCTION OF SCHOOL BUILDING, MARICORAN NATIONAL HIGH SCHOOL, MARANGAY MARICORAN, ZAMBANGA CITY DESIGNER: ALBERTO S. BAYANON JR.	DATE OF DESIGN: 2018	DESIGNED BY: ALBERTO S. BAYANON JR.	APPROVED BY: ALBERTO S. BAYANON JR.	REVIEWED BY: ALBERTO S. BAYANON JR.	APPROVED BY: ALBERTO S. BAYANON JR.	DATE OF APPROVAL: 2018
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[illegible]



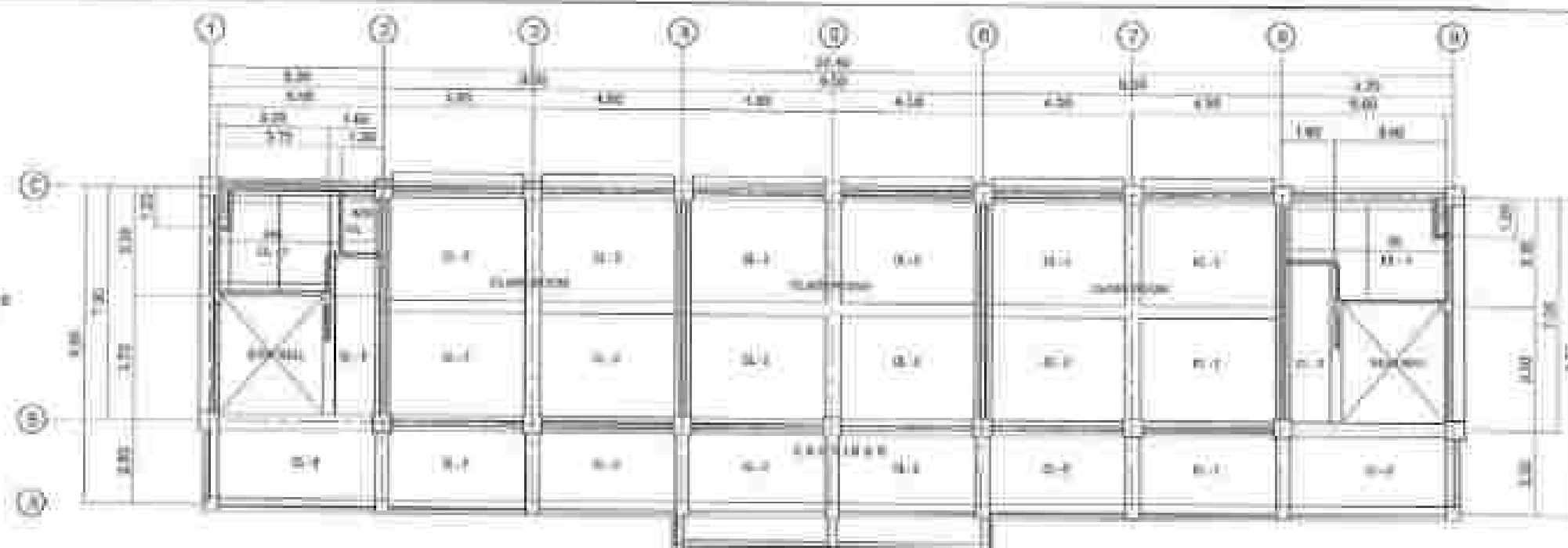
SECOND FLOOR REFLECTED CEILING PLAN



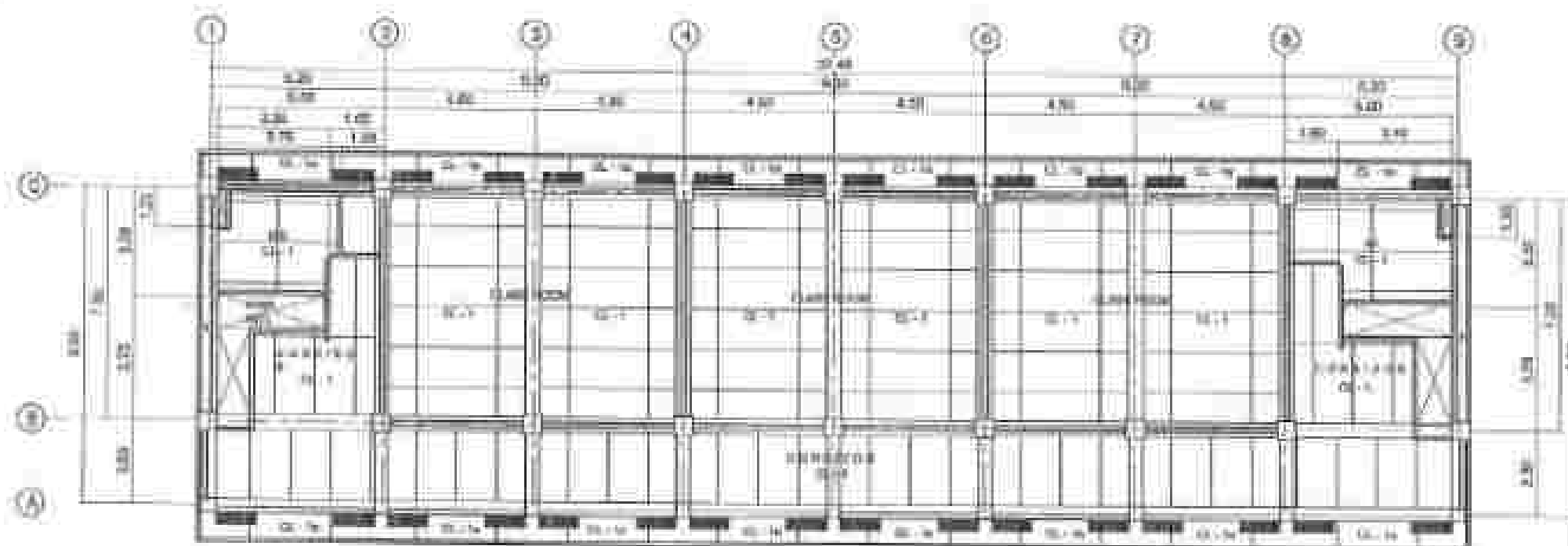
GROUND FLOOR REFLECTED CEILING PLAN

SCHEDULE OF CEILING FINISHES		
NO.	DESCRIPTION	REMARKS
CL-1	45 mm T&G FIBER CONCRETE CEILING BOARD WITH PAINTED FINISH	FINISH CL-1 IS TO BE USED IN ALL ROOMS WITH 45 mm T&G FIBER CONCRETE CEILING BOARD WITH PAINTED FINISH AT 100 mm ON CENTER WITH 15 mm T&G FIBER CONCRETE CEILING BOARD WITH PAINTED FINISH AT 400 mm ON CENTER AND 15 mm T&G FIBER CONCRETE CEILING BOARD WITH PAINTED FINISH AT 100 mm ON CENTER (SEE DETAIL)
CL-2	45 mm T&G FIBER CONCRETE CEILING BOARD WITH PAINTED FINISH AND GYPSUM (PAINTED CEILING AND PARTIAL GYPSUM)	FINISH CL-2 IS TO BE USED IN ALL ROOMS WITH 45 mm T&G FIBER CONCRETE CEILING BOARD WITH PAINTED FINISH AT 100 mm ON CENTER WITH 15 mm T&G FIBER CONCRETE CEILING BOARD WITH PAINTED FINISH AT 400 mm ON CENTER AND 15 mm T&G FIBER CONCRETE CEILING BOARD WITH PAINTED FINISH AT 100 mm ON CENTER (SEE DETAIL)
CL-3	EXPOSED R.C. UNDER SLAB BEAMS WITH PLAIN CEMENT PLASTER PAINTED FINISH	

DEPARTMENT OF EDUCATION DIVISION OFFICE - MARIKINA CITY MARIKINA CITY, RIZAL	PROJECT TITLE	DATE	DESIGNED BY	CHECKED BY	APPROVED BY	REVIEWED BY	REVISION
	CONSTRUCTION OF SCHOOL BUILDING, MARICANAN NATIONAL HIGH SCHOOL, MARICANAN, ZAMBANGIA CITY		SECOND FLOOR REFLECTED CEILING PLAN	CHRISTOPHER N. VALERIO	AL-ABDULMANAN A. SALVINO	ANTONIO A. GAYLOR JR.	ROBERTO BONIFAY, ET AL. ETNA

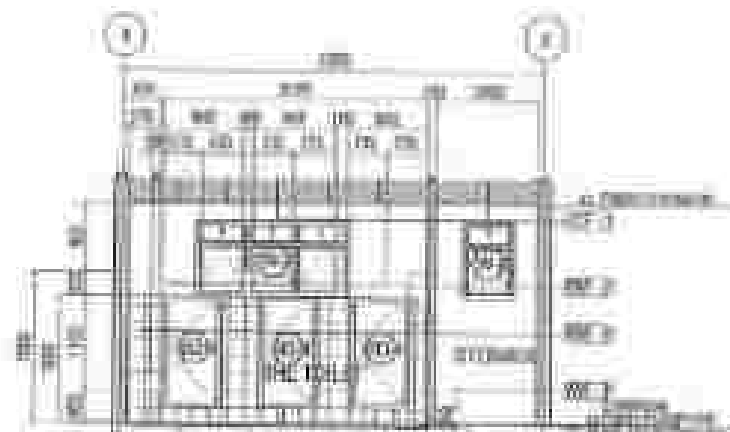


THIRD FLOOR REFLECTED CEILING PLAN

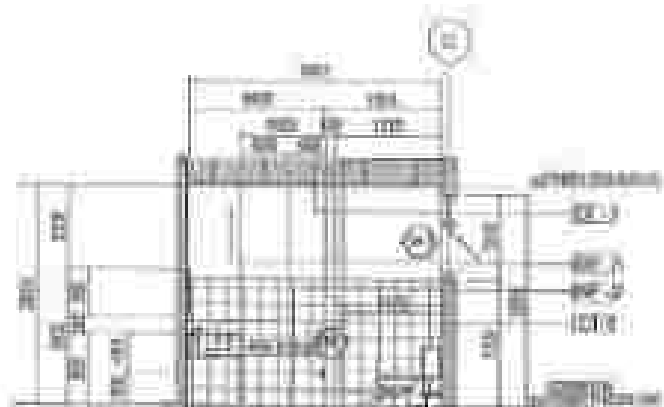


FOURTH FLOOR REFLECTED CEILING PLAN

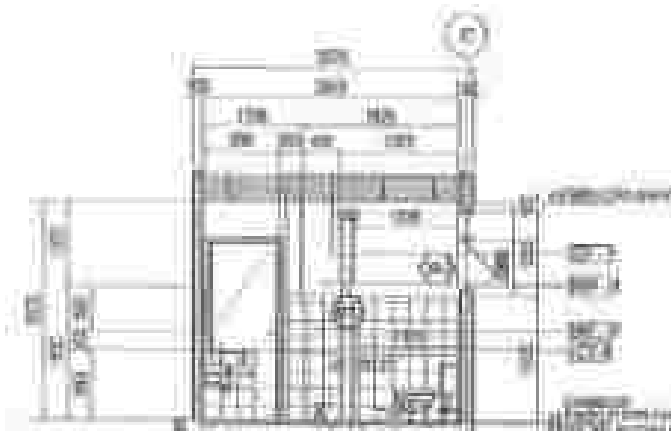
 OFFICE OF THE DIVISION SUPERINTENDENT DEPARTMENT OF EDUCATION - MARIKINA CITY DIVISION OFFICE - MARIKINA CITY MARIKINA CITY, CAVEN	PROJECT TITLE	DATE ISSUED	APPROVED BY	REVISION	REVISION	REVISION	REVISION	REVISION
	CONSTRUCTION OF SCHOOL BUILDING, MARICORAN NATIONAL HIGH SCHOOL, BARANGAY MARICORAN, ZAMBANGIA CITY 1. DIVISION SUPERINTENDENT 2015	FIRST FLOOR RELEVANT DESIGN PLAN FOURTH FLOOR RELEVANT DESIGN PLAN	 ENGR. FRANK A. VALDES 3/24/15	 AL-JOHAR A. SARAWI 7/26/15	 ARNELIO C. PRIMATLIN, JR. 7/26/15	 ROMULO BOUCH P. STA. RINA 7/26/15	 RAMON C. RIVERA 7/26/15	 RAMON C. RIVERA 7/26/15



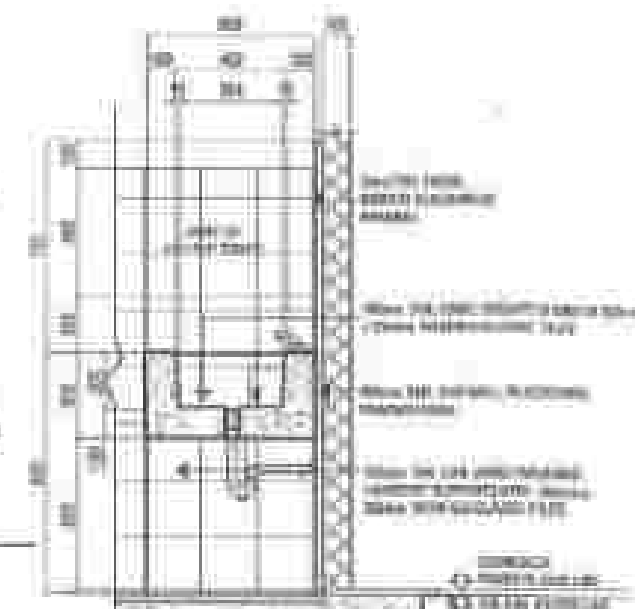
SECTION-1 (STORAGE & FEMALE TOILET)
TYPICAL @ SECOND-FOURTH FLOOR



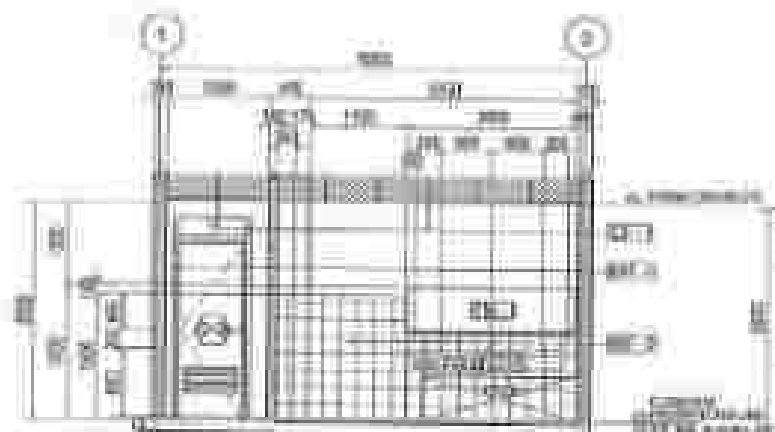
SECTION-4 (FEMALE TOILET)
TYPICAL @ SECOND-FOURTH FLOOR



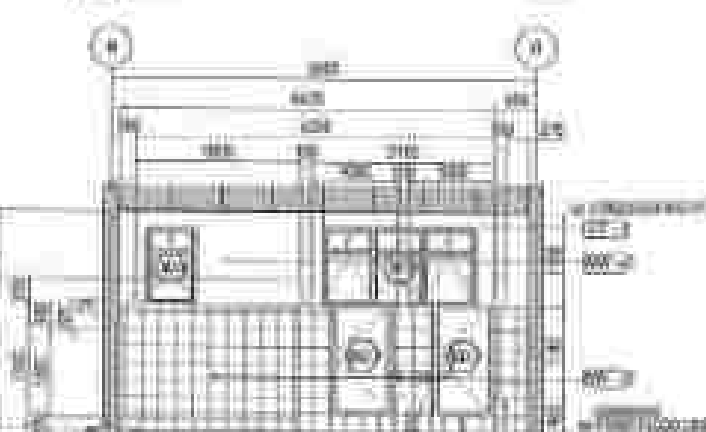
SECTION-7 (MALE TOILET)
TYPICAL @ SECOND-FOURTH FLOOR



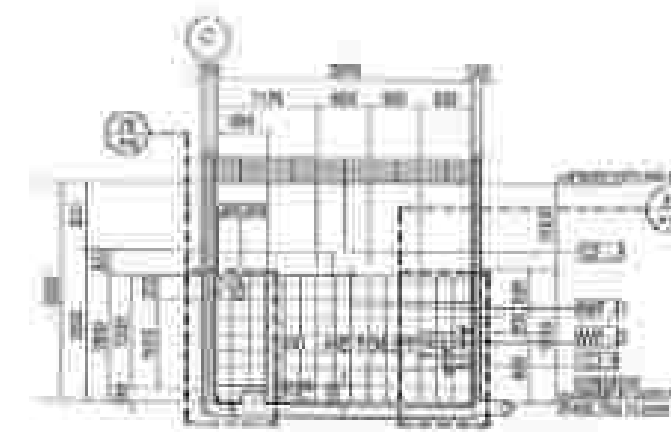
TYP. SPOT DETAIL-1
(HE / SHE TOI, LAVATORY)



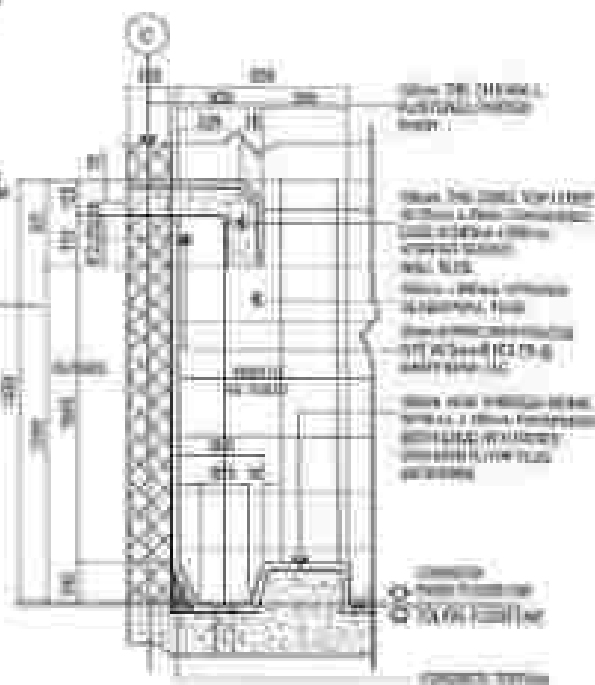
SECTION-2 (STORAGE & FEMALE TOILET)
TYPICAL @ SECOND-FOURTH FLOOR



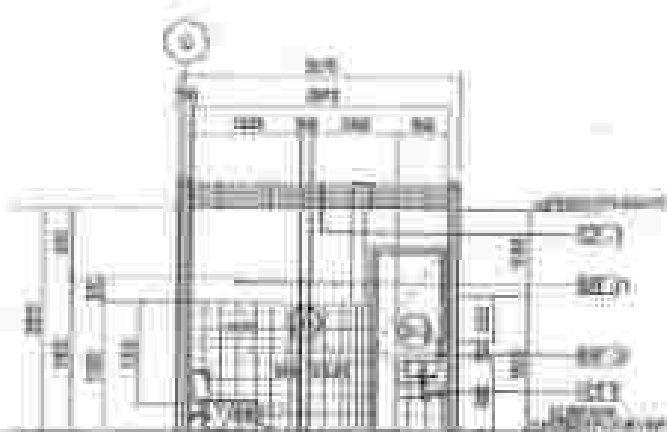
SECTION-5 (MALE TOILET)
TYPICAL @ SECOND-FOURTH FLOOR



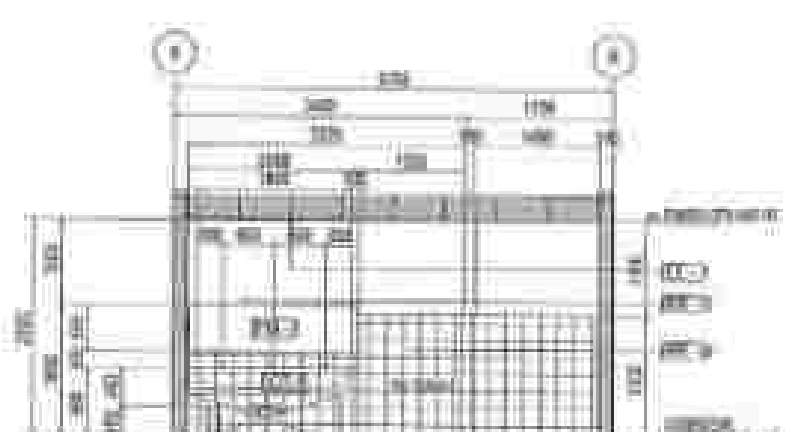
SECTION-8 (MALE TOILET)
TYPICAL @ SECOND-FOURTH FLOOR



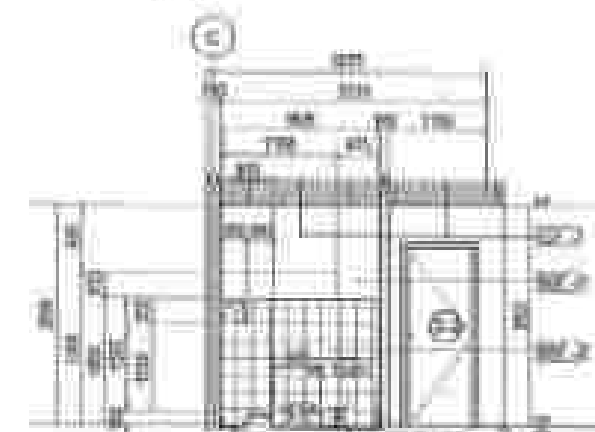
TYP. SPOT DETAIL-1
(TROUGH URINAL)



SECTION-3 (FEMALE TOILET)
TYPICAL @ SECOND-FOURTH FLOOR



SECTION-6 (MALE TOILET)
TYPICAL @ SECOND-FOURTH FLOOR

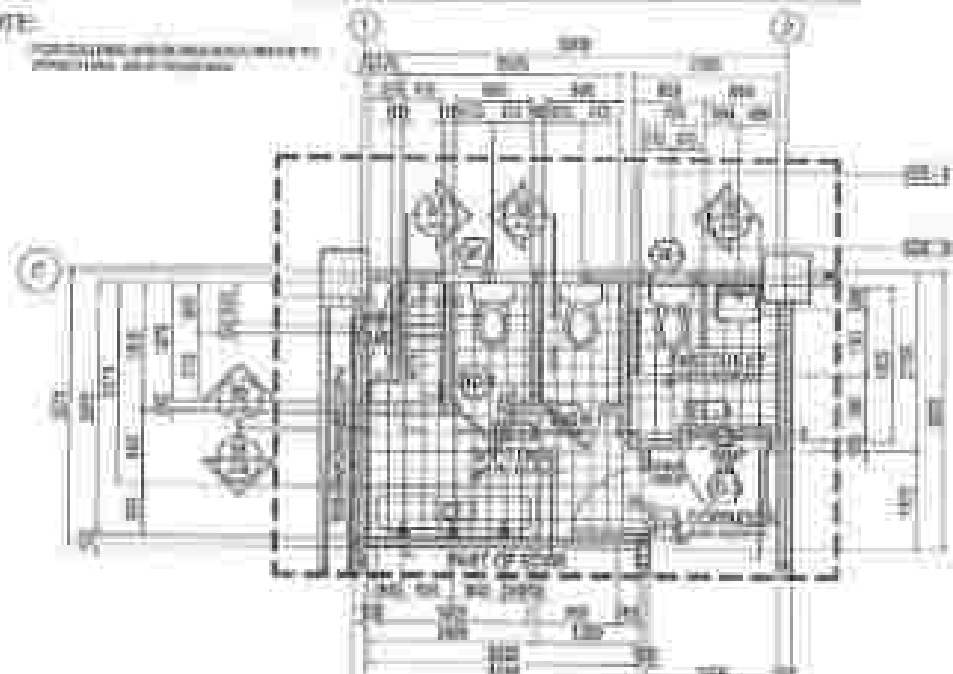


SECTION-9 (MALE TOILET)
TYPICAL @ SECOND-FOURTH FLOOR

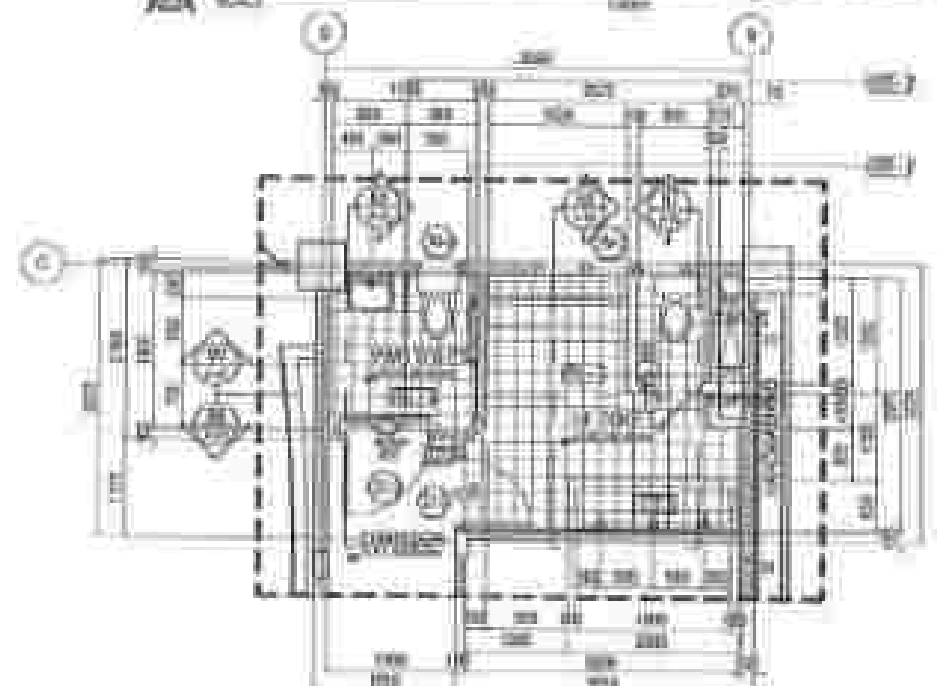
 DEPARTMENT OF EDUCATION DIVISION OFFICE - MARIKINA CITY MARIKINA CITY, ZAMBANGUA DEL SUR	PROJECT FILE CONSTRUCTION OF SCHOOL BUILDING, MARICANAN NATIONAL HIGH SCHOOL, MARICANAN ZAMBANGUA CITY	DESIGNER MARICANAN SECTION	DESIGNED BY MARICANAN SECTION	DESIGNED BY MARICANAN SECTION	DESIGNED BY MARICANAN SECTION	DESIGNED BY MARICANAN SECTION	DESIGNED BY MARICANAN SECTION	SECTION A 13
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NO.	REVISION	DATE	BY	CHKD.	APPD.
01	ISSUED FOR PERMITTING	01/11/2019	AL	AL	AL
02	FOR CONSTRUCTION	01/11/2019	AL	AL	AL
03	FOR CONSTRUCTION	01/11/2019	AL	AL	AL

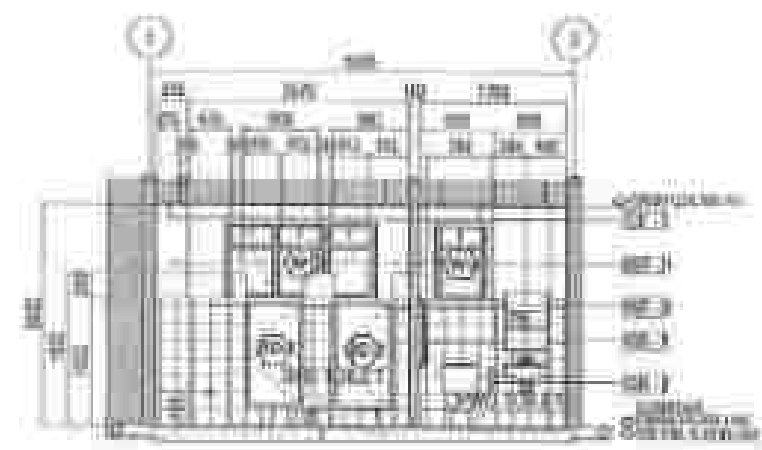
NOTE:
FOR CONSTRUCTION, SEE THE PERMITTING OFFICE FOR THE LATEST REVISIONS.



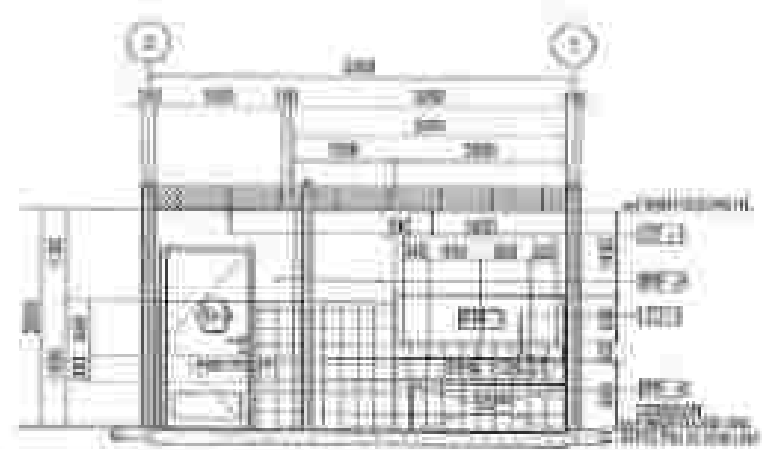
DET. PLAN OF FEMALE & PWD TOILET @ GROUND FLOOR



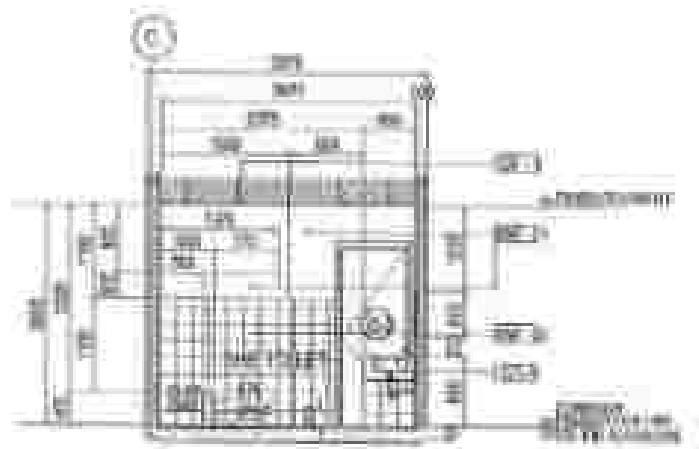
DET. PLAN OF MALE & PWD TOILET @ GROUND FLOOR



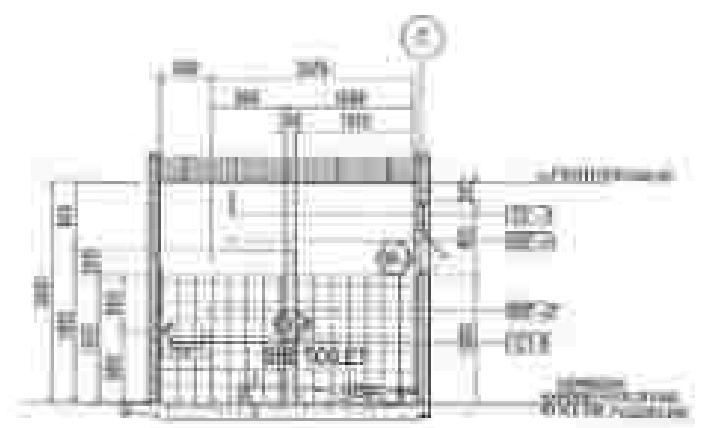
SECTION-1 (PWD & FEMALE TOILET)



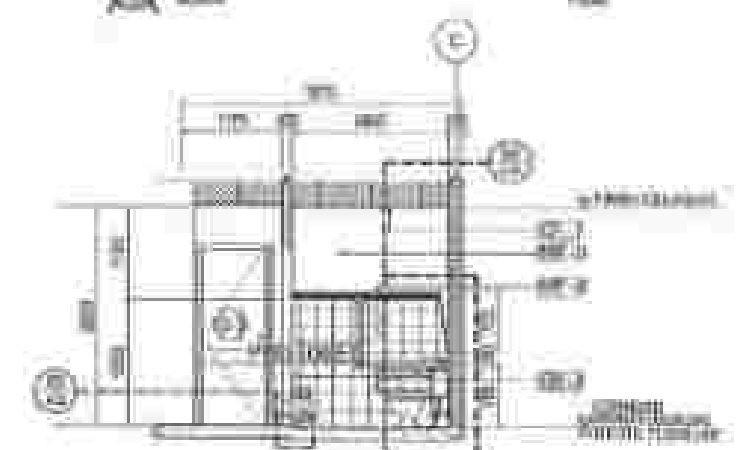
SECTION-2 (PWD & FEMALE TOILET)



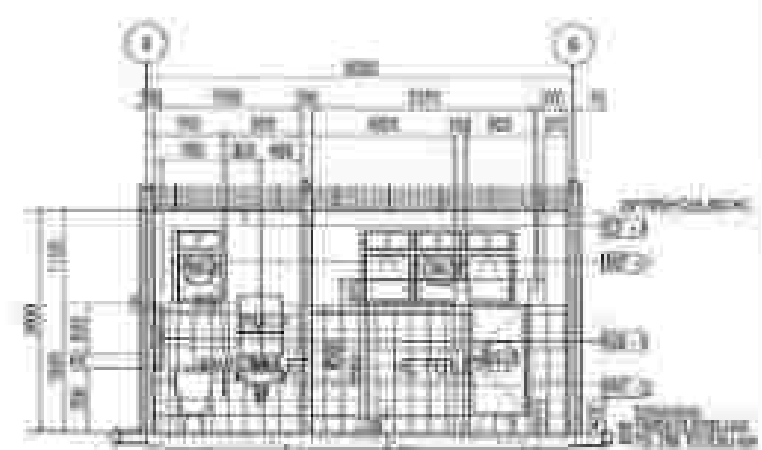
SECTION-3 (FEMALE TOILET)



SECTION-4 (FEMALE TOILET)

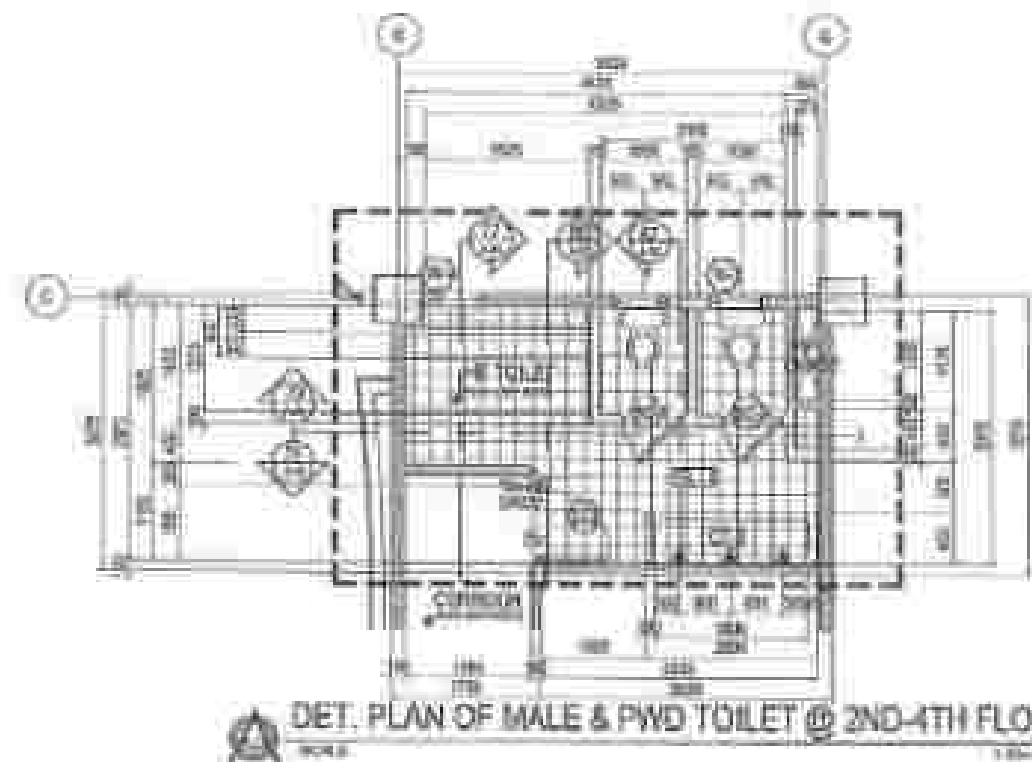
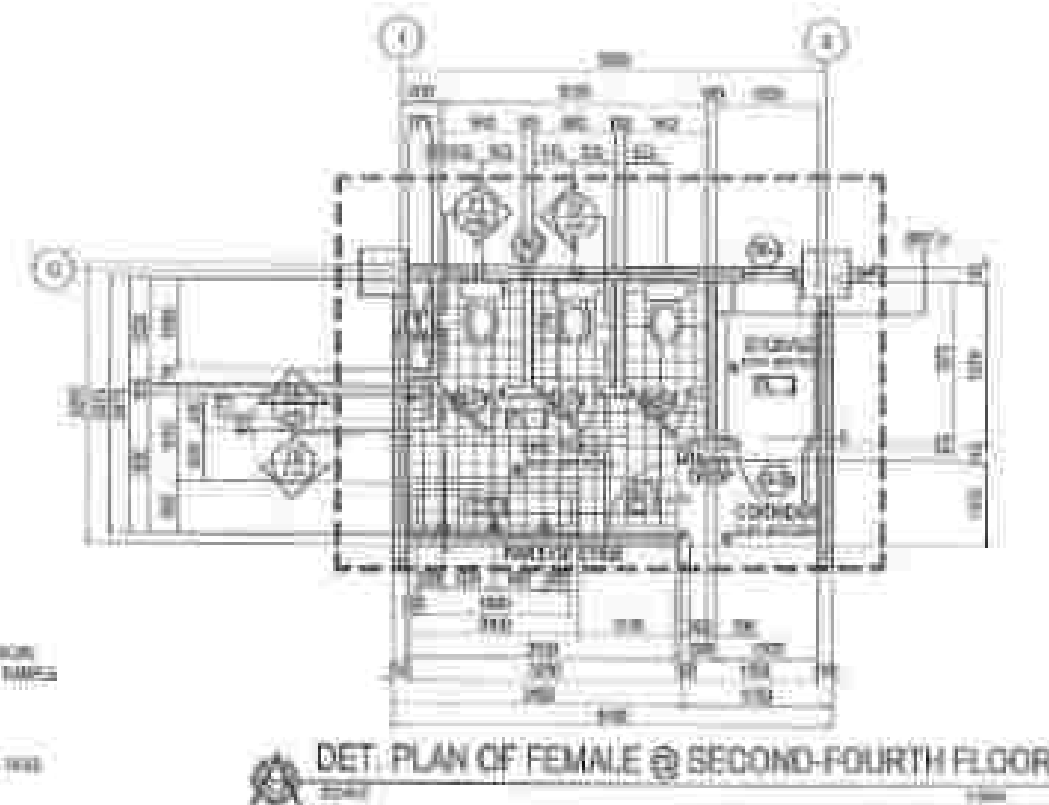


SECTION-5 (PWD TOILET)

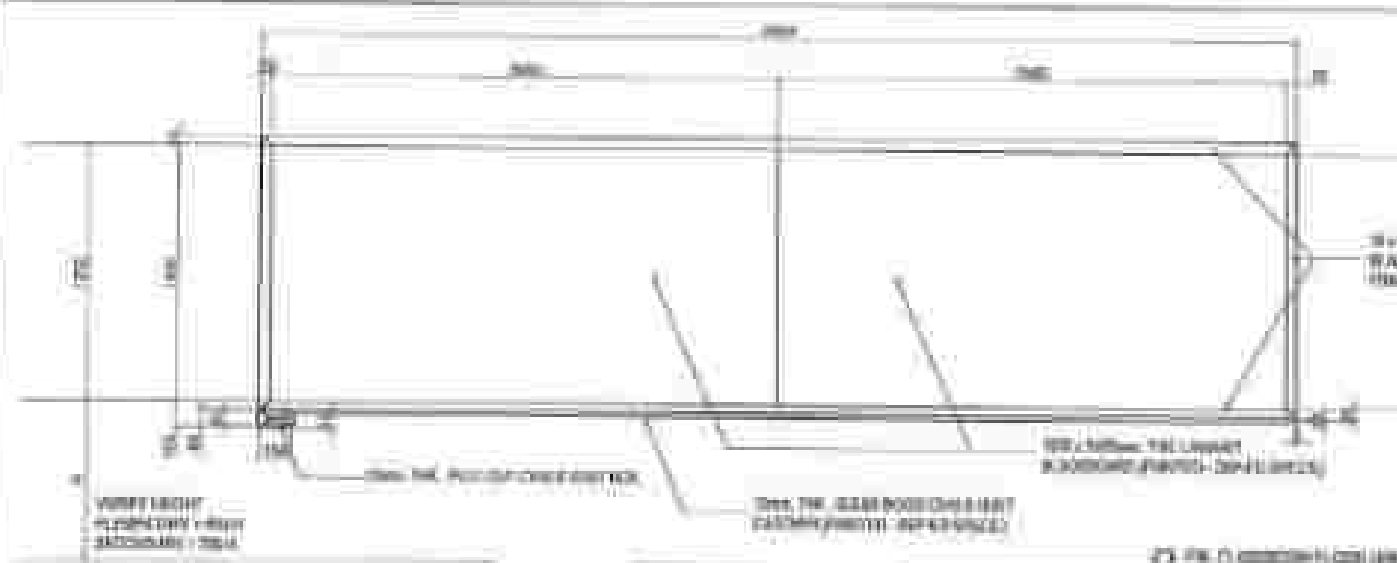


SECTION-6 (PWD & MALE TOILET)

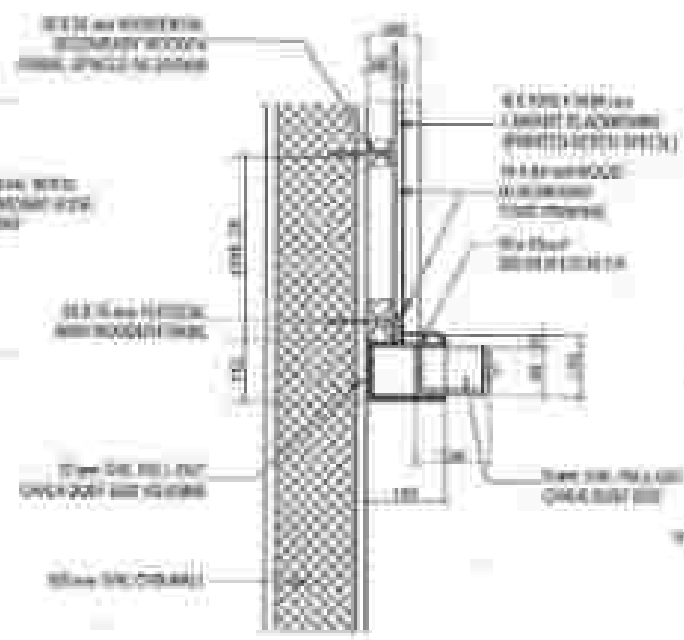
 DEPARTMENT OF EDUCATION DIVISION OFFICE - MARIKINA CITY MARIKINA CITY, RIZAL	PROJECT TITLE CONSTRUCTION OF SCHOOL BUILDING, MARICANAN NATIONAL HIGH SCHOOL, MARICANAN, MARICANAN CITY	DESIGNER MARICANAN NATIONAL HIGH SCHOOL	DESIGNED BY CHARLES MARICANAN	DESIGNED BY AL MARICANAN	DESIGNED BY ANTONIO S. PERALTA, JR.	DESIGNED BY ROBERTO S. S. S. S.	DESIGNED BY AL MARICANAN	SCALE A 14
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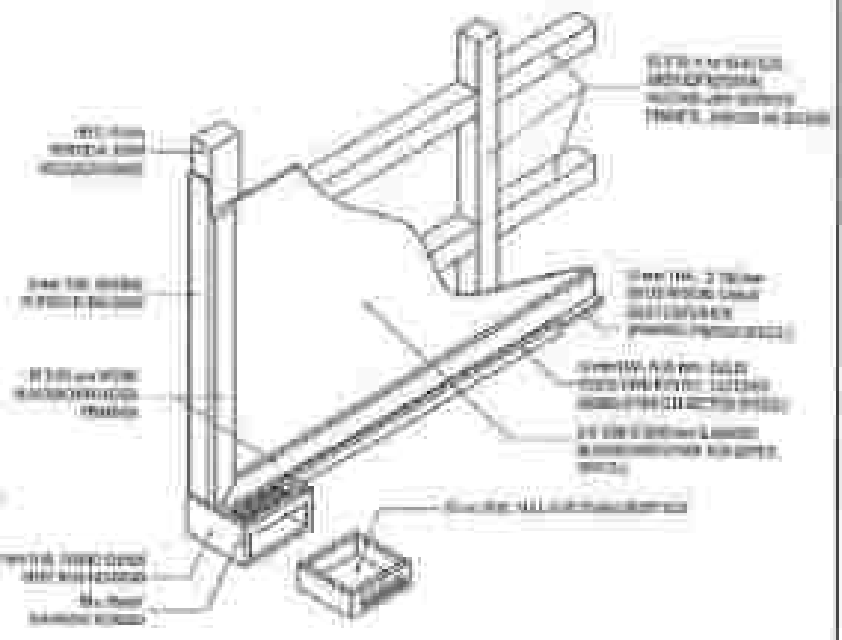
 DEPARTMENT OF EDUCATION DIVISION OFFICE - MARIKINA CITY MARIKINA CITY, PHILIPPINES	PROJECT TITLE CONSTRUCTION OF SCHOOL BUILDING, MARICANAN NATIONAL HIGH SCHOOL, BAYANGDAY BANGAYAN, DUMAGUETA CITY	DATE OF ISSUE MAY 2024	DESIGNED BY ALBERTO C. SANTIAGO, JR.	CHECKED BY ALBERTO C. SANTIAGO, JR.	APPROVED BY ALBERTO C. SANTIAGO, JR.	REVIEWED BY ALBERTO C. SANTIAGO, JR.	DATE MAY 2024	SCALE A 15
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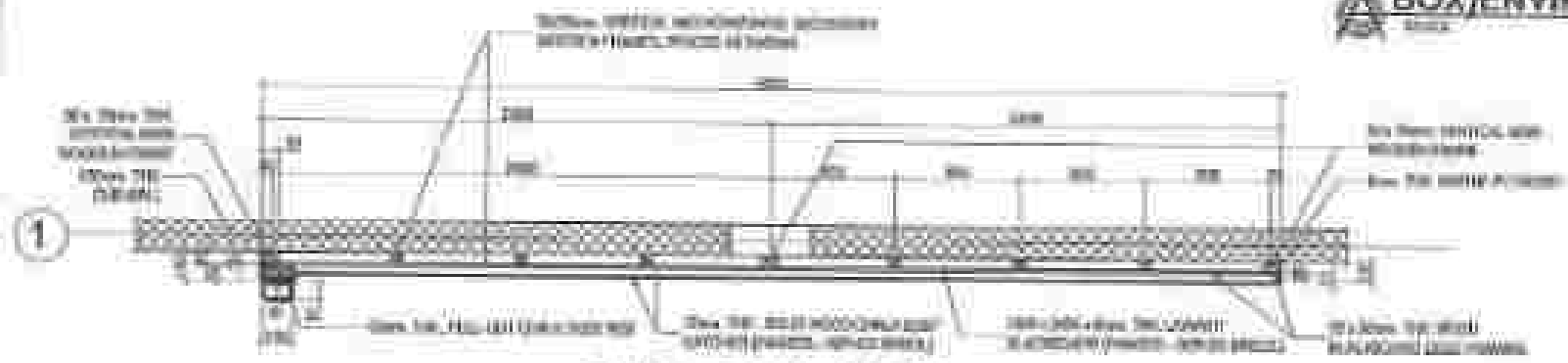
**ELEVATION (FRONT VIEW)
DETAIL OF BLACKBOARD**



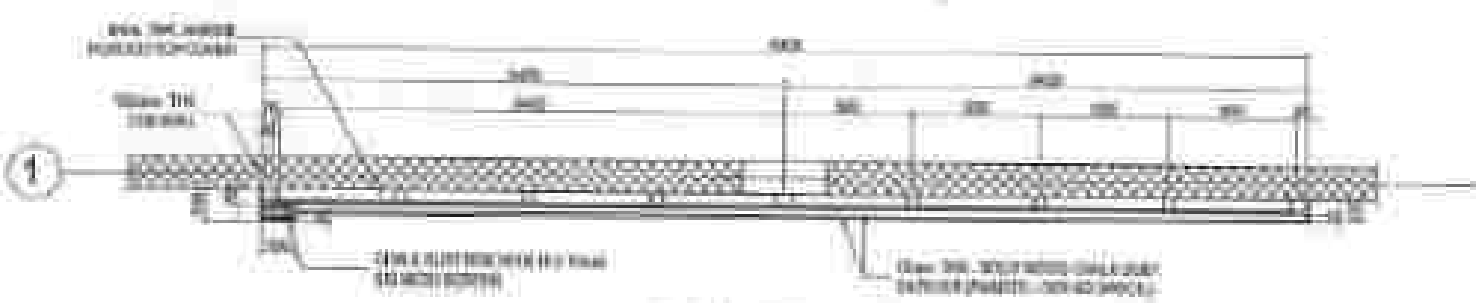
DETAIL SECTION OF (CHALK DUST BOX) ENVIRONMENT



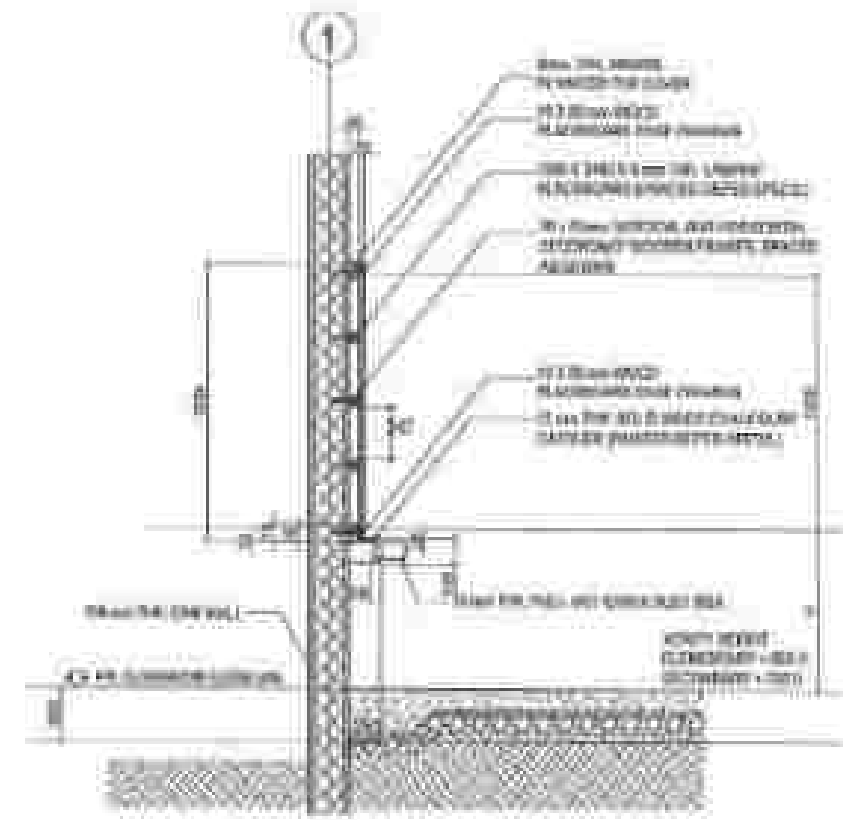
CHALK DUST BOX DETAIL



**PLAN (SECTIONAL VIEW)
DETAIL OF BLACKBOARD**

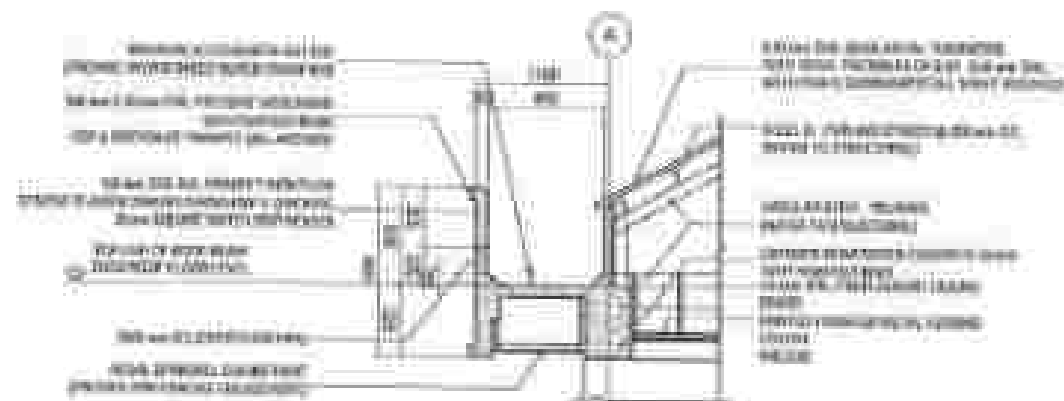


**PLAN (TOP VIEW)
DETAIL OF BLACKBOARD**

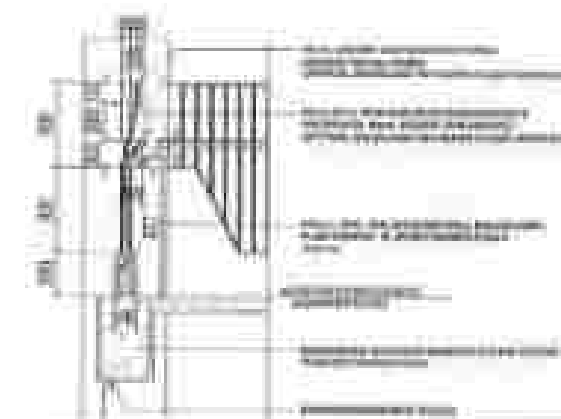


SECTION (SIDE VIEW)

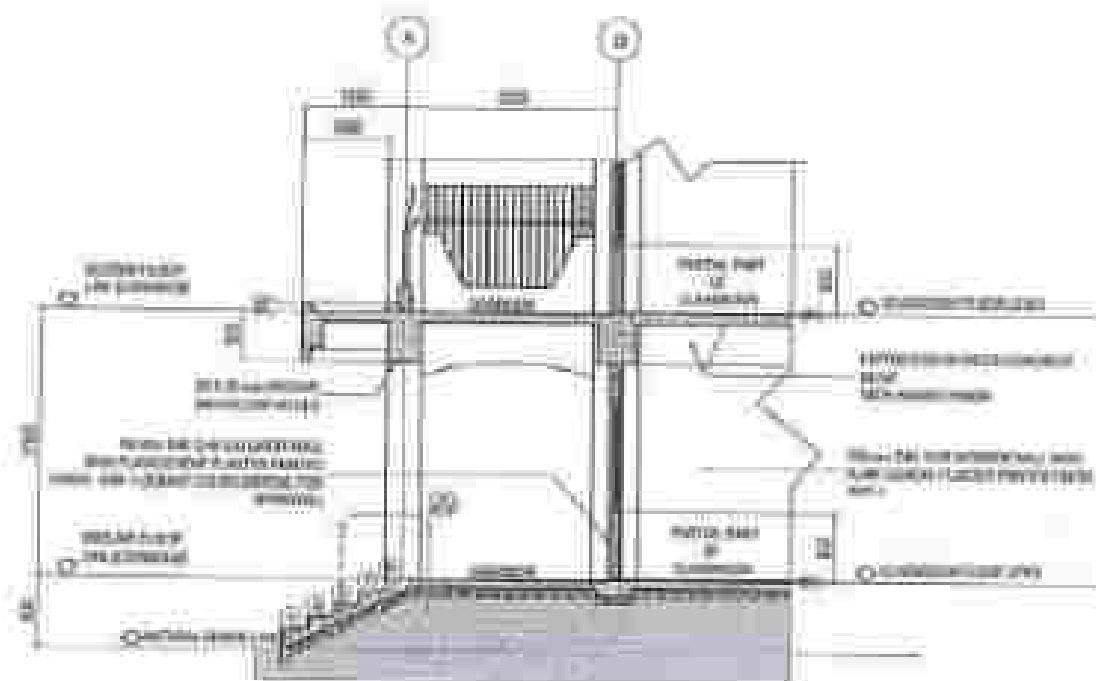
	PROJECT TITLE CONSTRUCTION OF SCHOOL BUILDING, SANICARAN NATIONAL HIGH SCHOOL, SANICARAN BANGALAN, CAGAYAN CITY	PROJECT NUMBER 0000000000	DESIGNER ALFRED A. SANCHEZ	CHECKER ANTONIO A. VERAVAL, JR.	APPROVER ANTONIO A. VERAVAL, JR.	DATE 05/25/2020	SCALE 1/8" = 1'-0"	Sheet No. A 16
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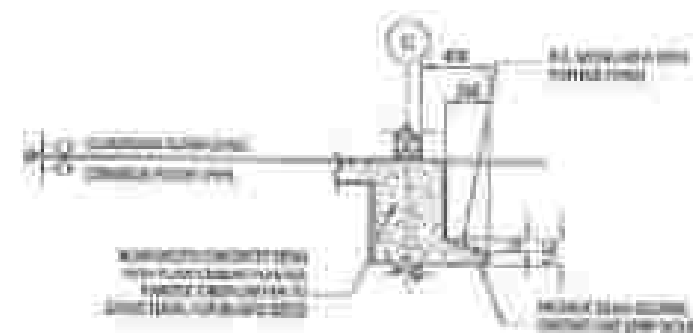
DETAIL SECTION (R.C. GUTTER)
SCALE: 1/20



TYP. DETAIL OF CORRIDOR RAILING
SCALE: 1/20



DETAIL SECTION OF MAIN ENTRANCE
SCALE: 1/20

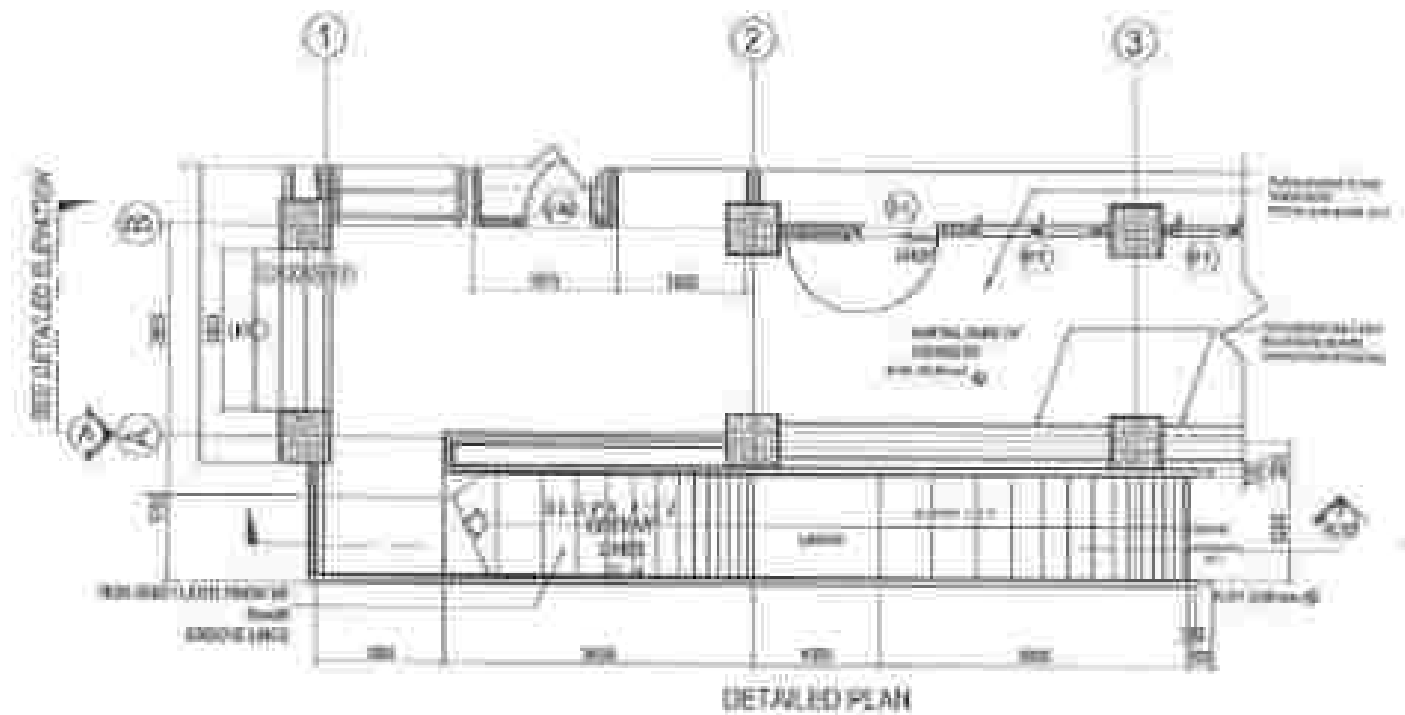
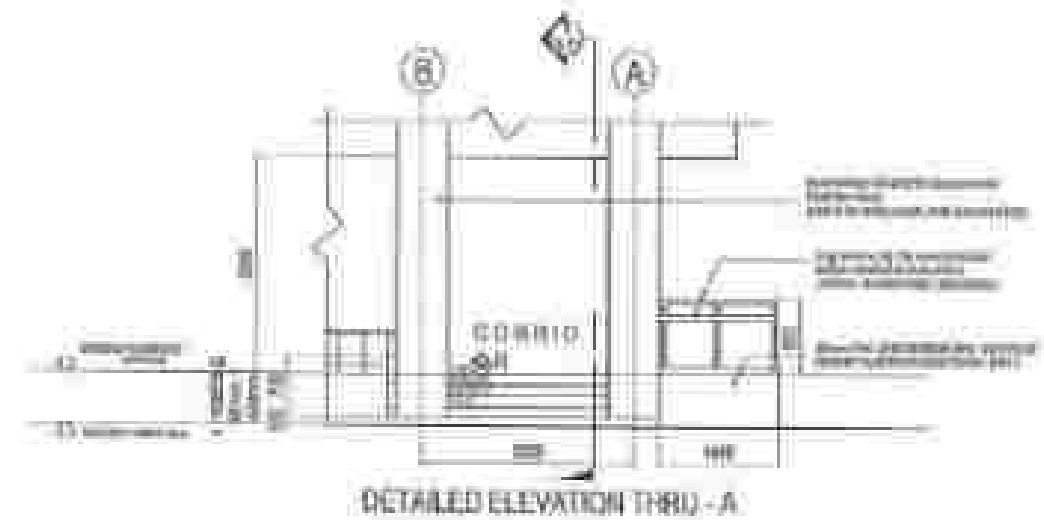
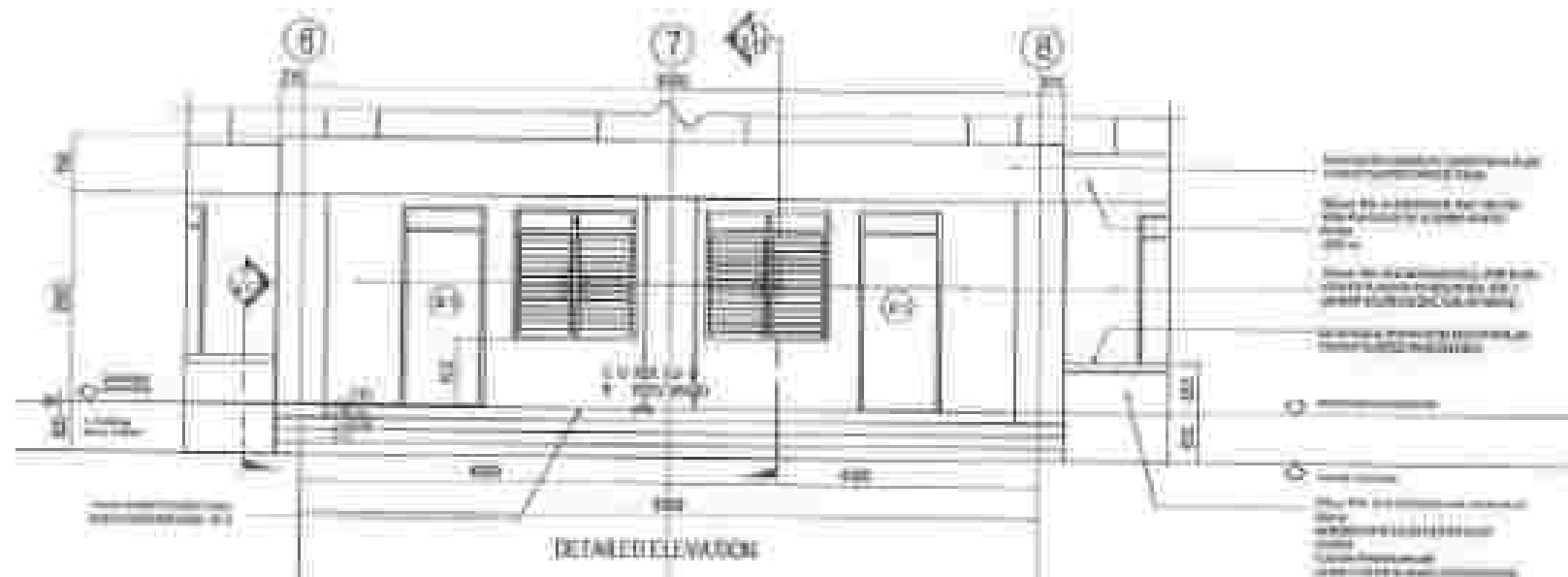


SPOT DETAIL (MEDIA AGUA)
SCALE: 1/20



TYP. SPOT DETAIL SECTION OF STAIR STEP (WITH NON-SLIP RECESSED STRIP)
SCALE: 1/20

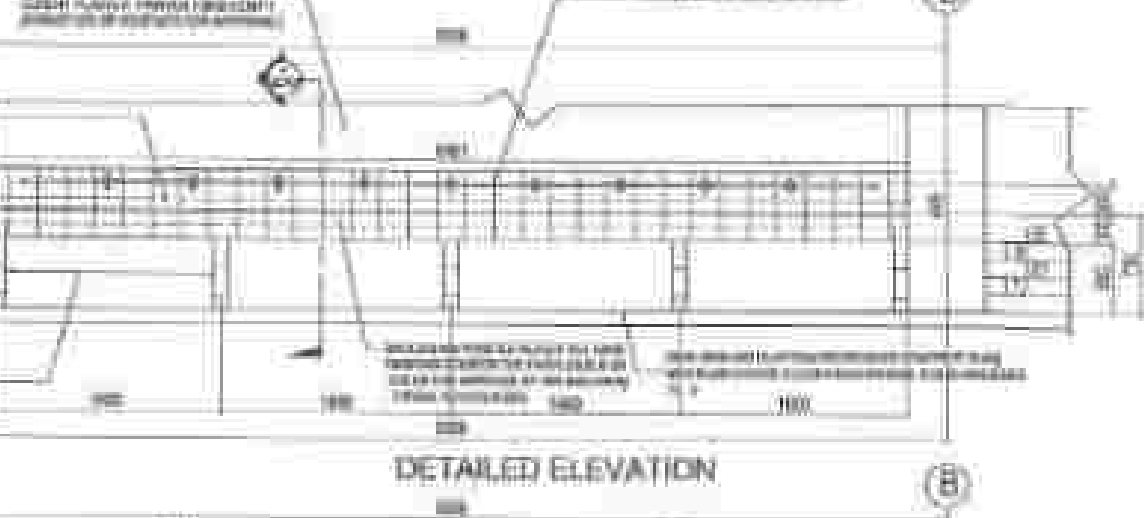
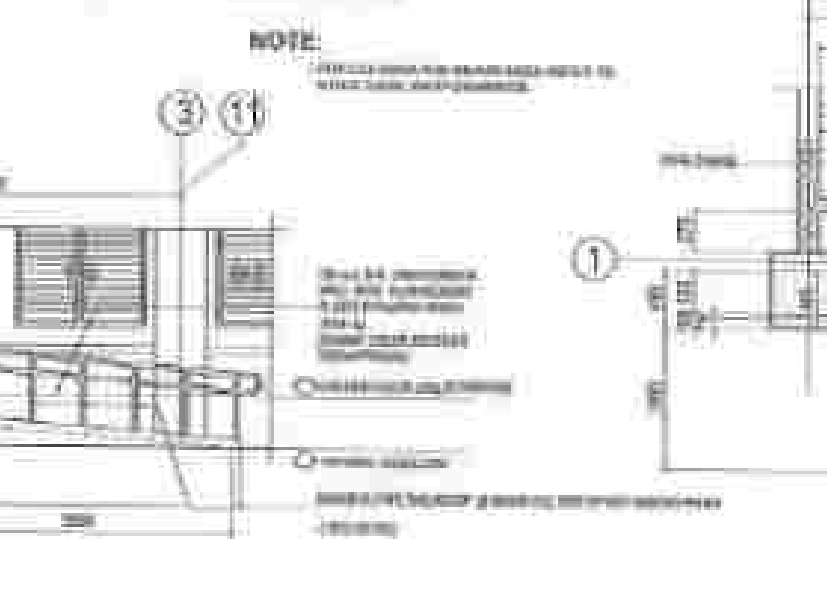
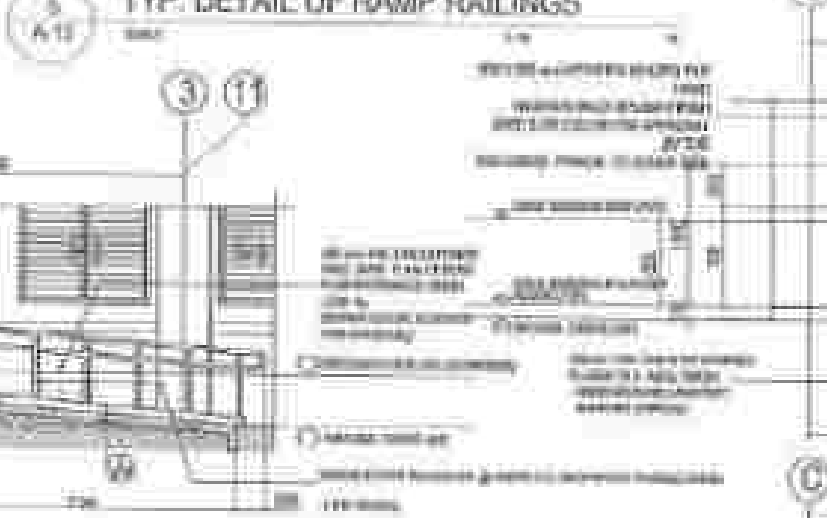
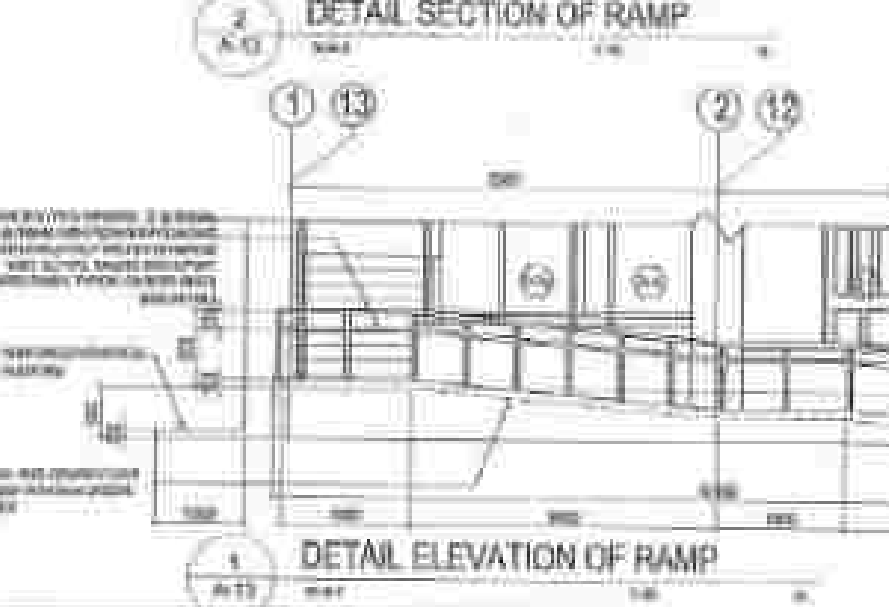
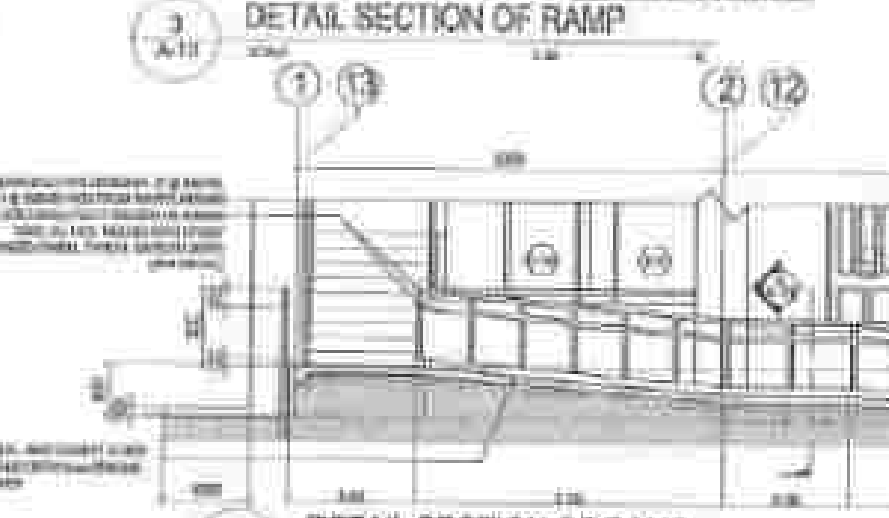
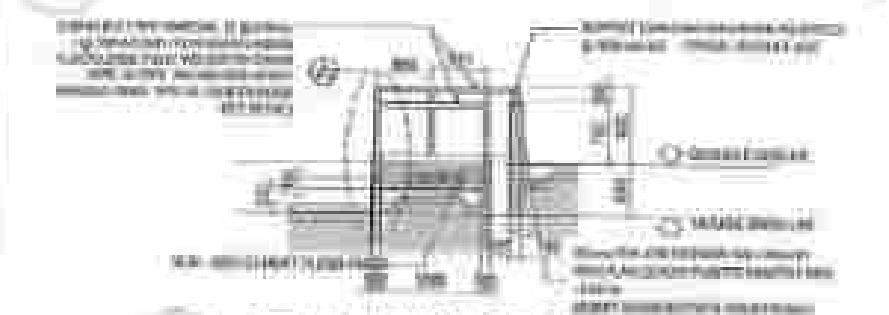
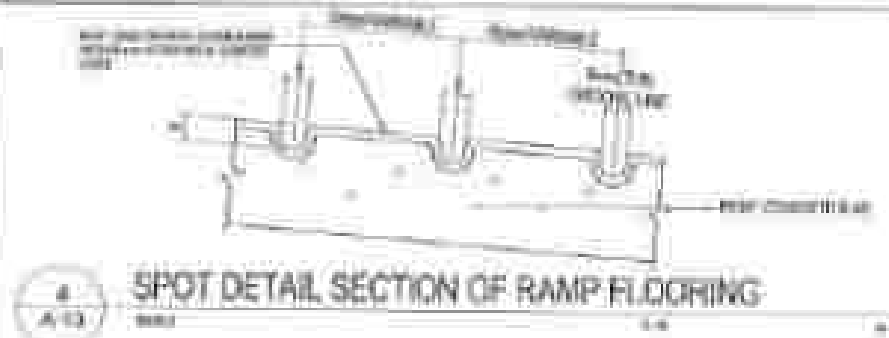
 DEPARTMENT OF EDUCATION DIVISION OFFICE - MARIKINA CITY SARANGAY BANGKAYAN ZANGANGA 100Y	PROJECT TITLE CONSTRUCTION OF SCHOOL BUILDING, BANGKAYAN NATIONAL HIGH SCHOOL, SARANGAY BANGKAYAN ZANGANGA 100Y	DATE: 11/21/2023 THIS SECTION OF THE DRAWING TYP. DETAIL SECTION OF STAIR STEP TYP. DETAIL OF CORRIDOR RAILING TYP. DETAIL OF GUTTER	DESIGNED BY ALVIN S. SERRA CHECKED BY ALVIN S. SERRA	DESIGNED BY ALVIN S. SERRA CHECKED BY ALVIN S. SERRA	DESIGNED BY ALVIN S. SERRA CHECKED BY ALVIN S. SERRA	DESIGNED BY ALVIN S. SERRA CHECKED BY ALVIN S. SERRA	DESIGNED BY ALVIN S. SERRA CHECKED BY ALVIN S. SERRA	SCALE: A 17
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DETAILED PLAN
DETAIL OF MAIN ENTRANCE (@ FRONT, ALONG GRID - A)

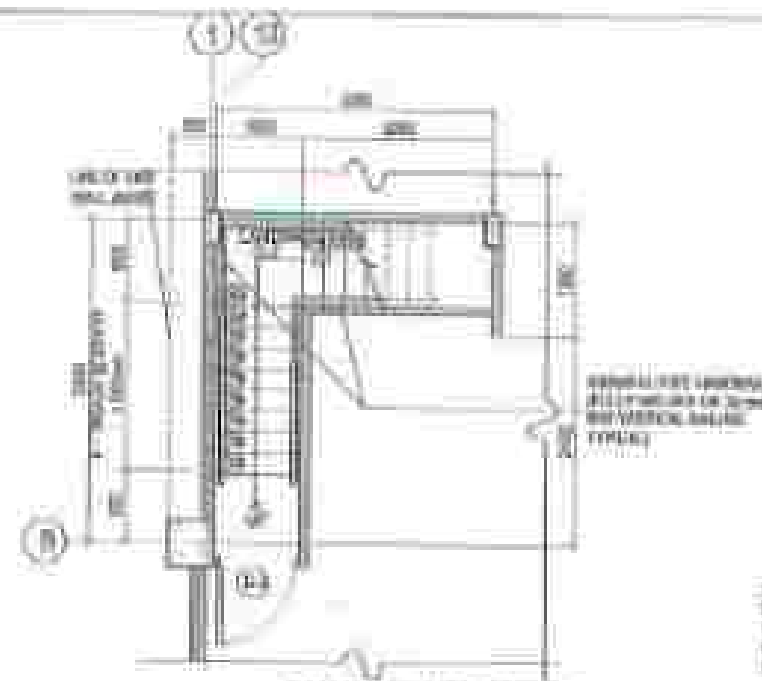
TYP. DETAIL OF SERVICE ENTRANCE
SEE ALSO ALIGNED 1 & 2, GROUND FLOOR

 DEPARTMENT OF EDUCATION DIVISION OFFICE - MARIKINA CITY MARIKINA CITY, RIZAL	PROJECT TITLE CONSTRUCTION OF SCHOOL BUILDING, MARICAN NATIONAL HIGH SCHOOL, BAYANG BAYANG, MARICAN CITY, RIZAL	DATE OF SUBMITTAL TYP. DETAIL OF SERVICE ENTRANCE	DESIGNED BY ALBERTO A. SARAY	CHECKED BY ALBERTO A. SARAY	APPROVED BY ALBERTO A. SARAY	REVIEWED BY ALBERTO A. SARAY	DATE 1/1/2020	SHEET NO. A 18
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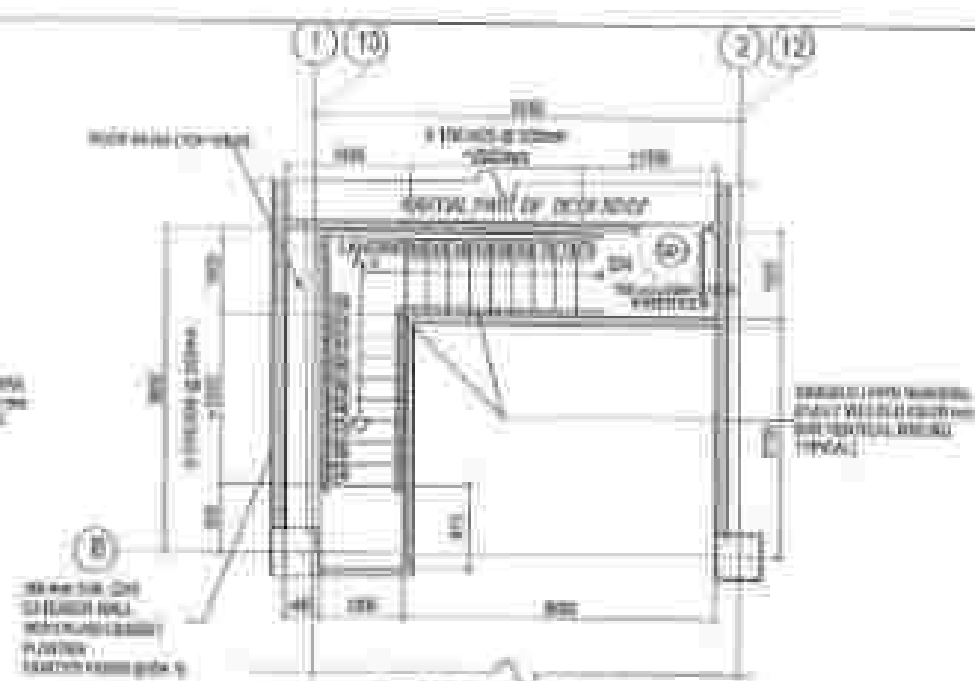


NOTE:
 DETAILS AND FINISHES ARE TO BE AS SHOWN AND APPROVED BY THE ARCHITECT.

DEPARTMENT OF EDUCATION DIVISION OFFICE - MARIKINA CITY MARIKINA CITY	PROJECT NO. NATIONAL HIGH SCHOOL, MARIKINA CITY MARIKINA CITY	DESIGNED BY TYP. DETAIL OF RAMP RAILINGS	DESIGNED BY TYP. DETAIL OF RAMP RAILINGS	DESIGNED BY TYP. DETAIL OF RAMP RAILINGS	DESIGNED BY TYP. DETAIL OF RAMP RAILINGS	DESIGNED BY TYP. DETAIL OF RAMP RAILINGS	DESIGNED BY TYP. DETAIL OF RAMP RAILINGS	DESIGNED BY TYP. DETAIL OF RAMP RAILINGS
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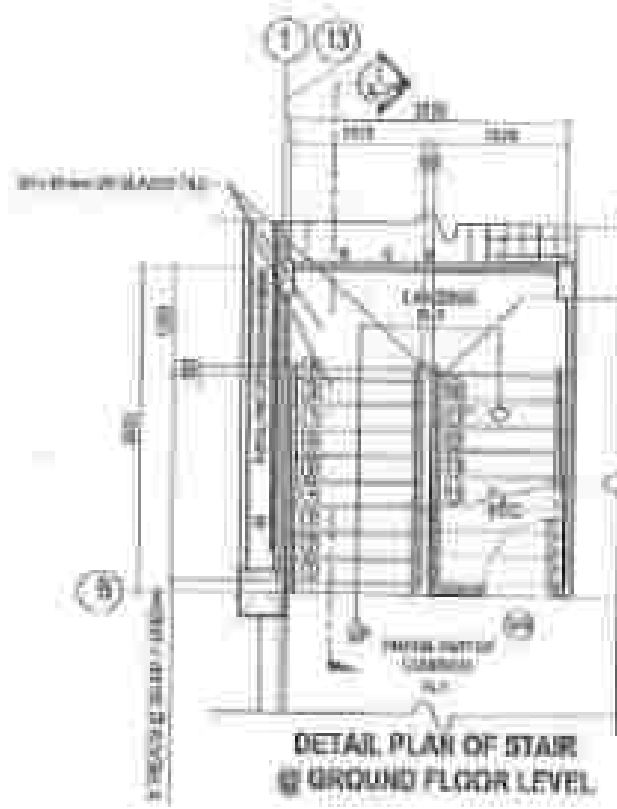
DETAIL PLAN OF STAIR
@ FOURTH FLOOR LEVEL



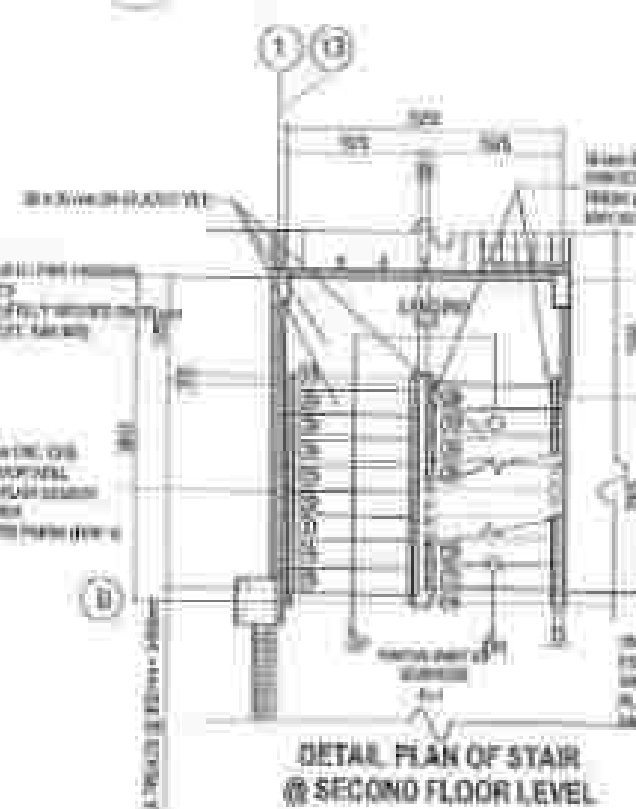
DETAIL PLAN OF STAIR
@ ROOF DECK FLOOR LEVEL

2
A-14
TYPICAL DETAIL OF STAIR (FROM FOURTH FLOOR TO DECK ROOF FLOOR LEVEL)

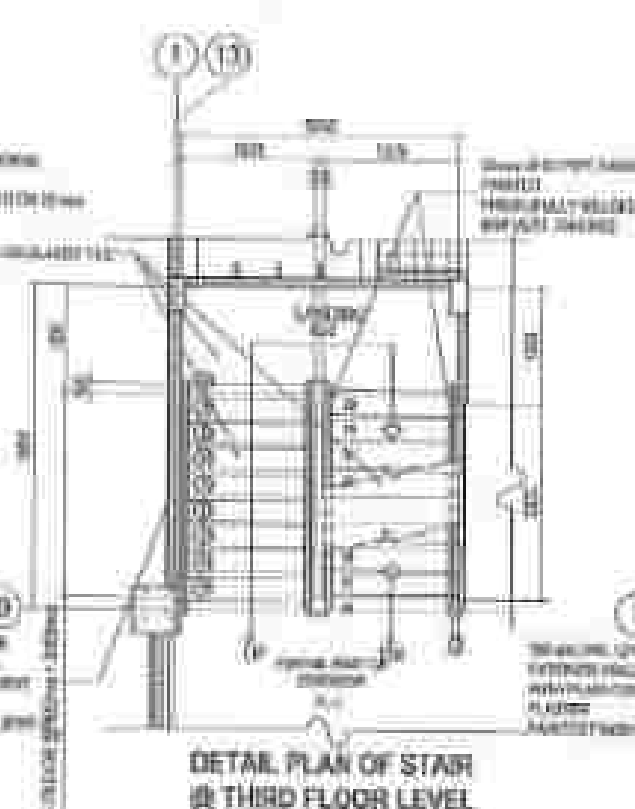
NOTE:
THE COLUMN AND BEAM INTERSECTION SHALL BE REINFORCED AS SHOWN.



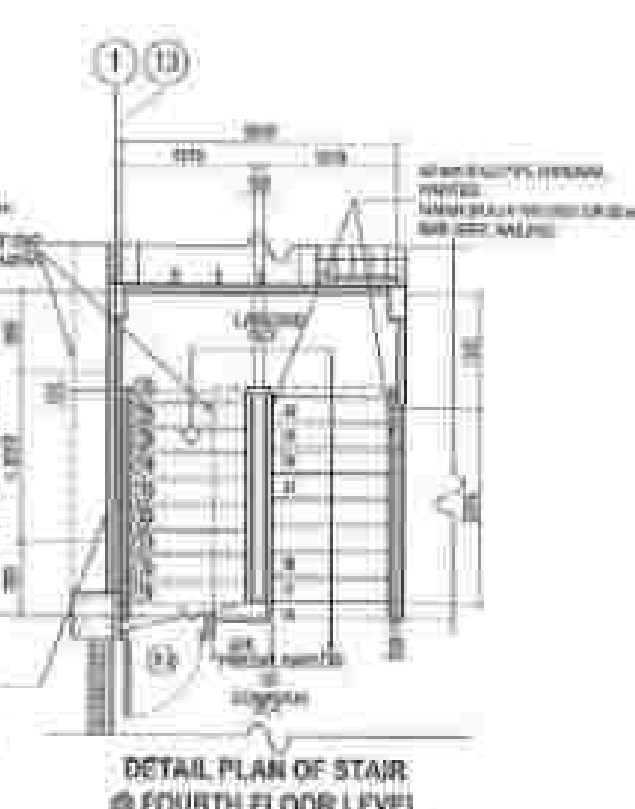
DETAIL PLAN OF STAIR
@ GROUND FLOOR LEVEL



DETAIL PLAN OF STAIR
@ SECOND FLOOR LEVEL



DETAIL PLAN OF STAIR
@ THIRD FLOOR LEVEL



DETAIL PLAN OF STAIR
@ FOURTH FLOOR LEVEL

3
A-14
TYPICAL DETAIL OF STAIR

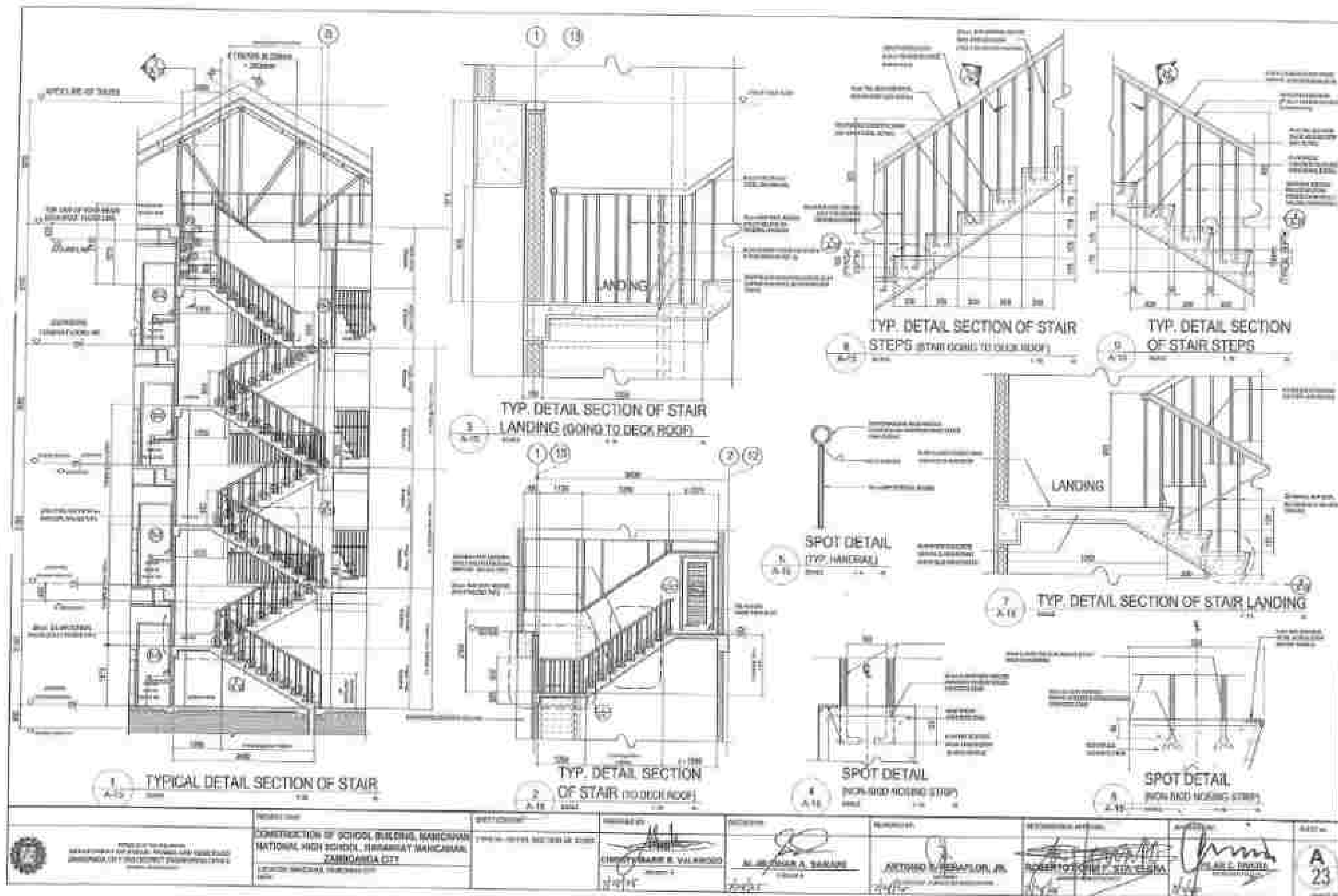
 DEPARTMENT OF EDUCATION DIVISION OFFICE - MARIKINA CITY MARIKINA CITY, PHILIPPINES	PROJECT: CONSTRUCTION OF SCHOOL BUILDING, MARICANAN NATIONAL HIGH SCHOOL, BARANGAY MARICANAN, CABINGDA CUY DESIGNER: JOSEPH MARICANAN, JR.	DATE: TYPICAL DETAIL OF STAIR	DESIGNED BY: JOSEPH MARICANAN, JR.	CHECKED BY: ALBERTO A. SAGUN	APPROVED BY: ANTONIO J. PENAFLOR, JR.	REVISIONS: REVISION NO. 1 - STA. 1.000	DATE: 2020	SCALE: A 20
--	--	--	---	---	--	---	-----------------------	----------------------------

	NO. 01 DESCRIPTION WOOD FRAME DOOR WITH GLASS PANEL (1000mm x 1000mm) (100mm thick) LOCATION CLASSROOM		NO. 02 DESCRIPTION WOOD FRAME DOOR WITH GLASS PANEL (1000mm x 1000mm) (100mm thick) LOCATION CLASSROOM		NO. 03 DESCRIPTION WOOD FRAME DOOR WITH GLASS PANEL (1000mm x 1000mm) (100mm thick) LOCATION CLASSROOM		NO. 04 DESCRIPTION WOOD FRAME DOOR WITH GLASS PANEL (1000mm x 1000mm) (100mm thick) LOCATION CLASSROOM
	NO. 05 DESCRIPTION WOOD FRAME DOOR WITH GLASS PANEL (1000mm x 1000mm) (100mm thick) LOCATION CLASSROOM		NO. 06 DESCRIPTION WOOD FRAME DOOR WITH GLASS PANEL (1000mm x 1000mm) (100mm thick) LOCATION CLASSROOM		NO. 07 DESCRIPTION WOOD FRAME DOOR WITH GLASS PANEL (1000mm x 1000mm) (100mm thick) LOCATION CLASSROOM		NO. 08 DESCRIPTION WOOD FRAME DOOR WITH GLASS PANEL (1000mm x 1000mm) (100mm thick) LOCATION CLASSROOM
	NO. 09 DESCRIPTION WOOD FRAME DOOR WITH GLASS PANEL (1000mm x 1000mm) (100mm thick) LOCATION CLASSROOM		NO. 10 DESCRIPTION WOOD FRAME DOOR WITH GLASS PANEL (1000mm x 1000mm) (100mm thick) LOCATION CLASSROOM		NO. 11 DESCRIPTION WOOD FRAME DOOR WITH GLASS PANEL (1000mm x 1000mm) (100mm thick) LOCATION CLASSROOM		NO. 12 DESCRIPTION WOOD FRAME DOOR WITH GLASS PANEL (1000mm x 1000mm) (100mm thick) LOCATION CLASSROOM
	NO. 13 DESCRIPTION WOOD FRAME DOOR WITH GLASS PANEL (1000mm x 1000mm) (100mm thick) LOCATION CLASSROOM		NO. 14 DESCRIPTION WOOD FRAME DOOR WITH GLASS PANEL (1000mm x 1000mm) (100mm thick) LOCATION CLASSROOM		NO. 15 DESCRIPTION WOOD FRAME DOOR WITH GLASS PANEL (1000mm x 1000mm) (100mm thick) LOCATION CLASSROOM		NO. 16 DESCRIPTION WOOD FRAME DOOR WITH GLASS PANEL (1000mm x 1000mm) (100mm thick) LOCATION CLASSROOM

DOORS AND WINDOWS SCHEDULE

	PROJECT TITLE CONSTRUCTION OF SCHOOL BUILDING, MARICINA NATIONAL HIGH SCHOOL, MARICINA, MARICINA CITY	DATE 2024	DESIGNED BY ALBERTO A. BRAM	CHECKED BY ALBERTO A. BRAM	APPROVED BY ALBERTO A. BRAM	DATE 2024	PROJECT NO. A-21
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 DEPARTMENT OF EDUCATION NATIONAL HIGH SCHOOL MARIKINA CITY	PROJECT NAME CONSTRUCTION OF SCHOOL BUILDING, MARIKINAN NATIONAL HIGH SCHOOL, MARIKINAN CITY LOCATION: MARIKINAN, CAVENAR CITY	DESIGNED BY CHRISTOPHER E. VALARDO	APPROVED BY ALBERTO A. SARANG	DESIGNED BY ANTONIO M. SERRANO, JR.	APPROVED BY ROBERTO M. SERRANO	DESIGNED BY ROBERTO M. SERRANO	APPROVED BY ALBERTO A. SARANG	DATE A 23
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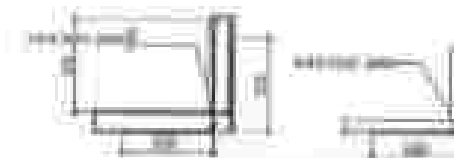
REINFORCING CONCRETE LINTEL BEAMS IN CONCRETE BLOCK WALLS

Run no.	Crystal growth ($\mu\text{m}^2/\text{h}$)	Crystal growth ($\mu\text{m}^2/\text{h}$)	Crystallinity (%)	Crystallinity (%)
1	1.0	1.0	100	100
2	1.0	1.0	100	100
3	1.0	1.0	100	100
4	1.0	1.0	100	100
5	1.0	1.0	100	100
6	1.0	1.0	100	100
7	1.0	1.0	100	100
8	1.0	1.0	100	100
9	1.0	1.0	100	100
10	1.0	1.0	100	100
11	1.0	1.0	100	100
12	1.0	1.0	100	100
13	1.0	1.0	100	100
14	1.0	1.0	100	100
15	1.0	1.0	100	100
16	1.0	1.0	100	100
17	1.0	1.0	100	100
18	1.0	1.0	100	100
19	1.0	1.0	100	100
20	1.0	1.0	100	100
21	1.0	1.0	100	100
22	1.0	1.0	100	100
23	1.0	1.0	100	100
24	1.0	1.0	100	100
25	1.0	1.0	100	100
26	1.0	1.0	100	100
27	1.0	1.0	100	100
28	1.0	1.0	100	100
29	1.0	1.0	100	100
30	1.0	1.0	100	100
31	1.0	1.0	100	100
32	1.0	1.0	100	100
33	1.0	1.0	100	100
34	1.0	1.0	100	100
35	1.0	1.0	100	100
36	1.0	1.0	100	100
37	1.0	1.0	100	100
38	1.0	1.0	100	100
39	1.0	1.0	100	100
40	1.0	1.0	100	100
41	1.0	1.0	100	100
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46	1.0	1.0	100	100
47	1.0	1.0	100	100
48	1.0	1.0	100	100
49	1.0	1.0	100	100
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65	1.0	1.0	100	100
66	1.0	1.0	100	100
67	1.0	1.0	100	100
68	1.0	1.0	100	100
69	1.0	1.0	100	100
70	1.0	1.0	100	100
71	1.0	1.0	100	100
72	1.0	1.0	100	100
73	1.0	1.0	100	100
74	1.0	1.0	100	100
75	1.0	1.0	100	100
76	1.0	1.0	100	100

TABLE 1. Summary of the data used in the study									
Study	Year	No. of patients	No. of deaths	Survival (%)	Cause of death				
					Cardiac	Non-cardiac	Unknown	Total	
1	1990-1991	100	10	90	5	5	0	10	
2	1992-1993	120	12	88	6	6	0	12	
3	1994-1995	150	15	87	7	8	0	15	
4	1996-1997	180	18	85	8	10	0	18	
5	1998-1999	200	20	80	10	10	0	20	
6	2000-2001	220	22	77	11	11	0	22	
7	2002-2003	240	24	75	12	12	0	24	
8	2004-2005	260	26	73	13	13	0	26	
9	2006-2007	280	28	70	14	14	0	28	
10	2008-2009	300	30	67	15	15	0	30	
11	2010-2011	320	32	65	16	16	0	32	
12	2012-2013	340	34	62	17	17	0	34	
13	2014-2015	360	36	60	18	18	0	36	
14	2016-2017	380	38	58	19	19	0	38	
15	2018-2019	400	40	55	20	20	0	40	
16	2020-2021	420	42	53	21	21	0	42	
17	2022-2023	440	44	50	22	22	0	44	
18	2024-2025	460	46	48	23	23	0	46	
19	2026-2027	480	48	46	24	24	0	48	
20	2028-2029	500	50	44	25	25	0	50	
21	2030-2031	520	52	42	26	26	0	52	
22	2032-2033	540	54	40	27	27	0	54	
23	2034-2035	560	56	38	28	28	0	56	
24	2036-2037	580	58	36	29	29	0	58	
25	2038-2039	600	60	34	30	30	0	60	
26	2040-2041	620	62	32	31	31	0	62	
27	2042-2043	640	64	30	32	32	0	64	
28	2044-2045	660	66	28	33	33	0	66	
29	2046-2047	680	68	26	34	34	0	68	
30	2048-2049	700	70	24	35	35	0	70	
31	2050-2051	720	72	22	36	36	0	72	
32	2052-2053	740	74	20	37	37	0	74	
33	2054-2055	760	76	18	38	38	0	76	
34	2056-2057	780	78	16	39	39	0	78	
35	2058-2059	800	80	14	40	40	0	80	
36	2060-2061	820	82	12	41	41	0	82	
37	2062-2063	840	84	10	42	42	0	84	
38	2064-2065	860	86	8	43	43	0	86	
39	2066-2067	880	88	6	44	44	0	88	
40	2068-2069	900	90	4	45	45	0	90	
41	2070-2071	920	92	2	46	46	0	92	
42	2072-2073	940	94	0	47	47	0	94	
43	2074-2075	960	96	0	48	48	0	96	
44	2076-2077	980	98	0	49	49	0	98	
45	2078-2079	1000	100	0	50	50	0	100	

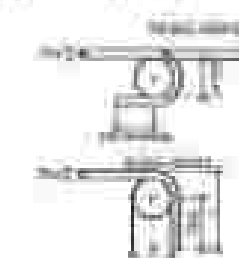


TYPICAL CONNECTION DETAIL
OF R.C. WALL AT CORNERS



ACCEPTED FOR PUBLICATION

- © 2000 Blackwell Science Ltd
Journal of Internal Medicine 247: 395–402



NOTES ON WRITING

- F. STRECHER, *Wissenschaftliche Grundlagen der Betriebswirtschaftslehre*, 1997, 1. Aufl., 120 S., 19,80 €.

NOTES ON STRUCTURAL STEEL

1. **MEMBERSHIP:** 100% of all members apply for and receive a membership card and are required to wear it during meetings. Informational sessions to help understand the needs, challenges and opportunities of the area are scheduled for the next 3-4 months and are open to all.
2. **GOVERNANCE:** The board of directors is responsible for setting the vision and mission of the organization and for overseeing the work of the executive director.
3. **FINANCIAL:** The organization is a 501(c)(3) nonprofit organization and is subject to the same financial reporting requirements as any other nonprofit organization.
4. **PROGRAMS:** The organization is currently operating a number of programs, including a youth center, a senior center, and a community center. These programs are designed to provide a wide range of services to the community.
5. **CONCLUSION:** The organization is a valuable asset to the community and is committed to providing high-quality services to all who need them. We hope that this information will help you to better understand the organization and its work.

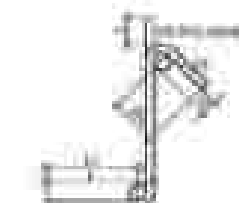
Variable	1990		1991		1992
	1990	1991	1990	1991	
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1992	10	10	10	10	10
1993	10	10	10	10	10
1994	10	10	10	10	10
1995	10	10	10	10	10
1996	10	10	10	10	10

INTERNATIONAL FINANCIAL MARKET

1. A. *Streptococcus pneumoniae* is the most common cause of pneumonia in children. *Staphylococcus aureus* is the most common cause of pneumonia in adults. *Haemophilus influenzae* is the most common cause of pneumonia in children. *Legionella pneumophila* is the most common cause of pneumonia in adults.

NOTES ON CONSTRUCTION JOINTS IN CONCRETE

1. *Writing a counterexample* (a) $\frac{1}{2} \leq \frac{1}{3}$ is false. This sentence is false because $\frac{1}{2}$ is not less than or equal to $\frac{1}{3}$. (b) $\frac{1}{2} \leq \frac{1}{3}$ is true. This sentence is true because $\frac{1}{2}$ is less than or equal to $\frac{1}{3}$.



COMPARISON OF TESTED AND UNTESTED				
TESTED	UNTESTED	TESTED	UNTESTED	TESTED
100	100	100	100	100
100	100	100	100	100
100	100	100	100	100
100	100	100	100	100
100	100	100	100	100

TYPICAL GLASS & BEAM
CONSTRUCTION JOINT DET.



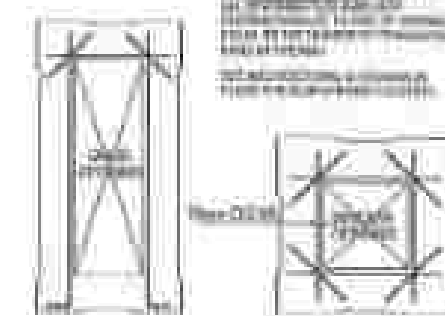
NOTES ON CONCRETE WALLS

- © 2000 Blackwell Science Ltd *Journal of Internal Medicine* 247: 399–406

Year	Population	Area	Population Density	Notes
1990	1,000,000	100,000	10	
2000	1,500,000	150,000	10	
2010	2,000,000	200,000	10	

1. **RESEARCH DESIGN**—A quasi-experimental design was used to evaluate the effectiveness of the intervention. The study was conducted in two phases: a pre-test phase and a post-test phase. The pre-test phase was conducted in 2010 and the post-test phase was conducted in 2011. The study was conducted in two schools: School A and School B. School A was the intervention school and School B was the control school. The study was conducted in two classes: Class A and Class B. Class A was the intervention class and Class B was the control class. The study was conducted in two groups: Group A and Group B. Group A was the intervention group and Group B was the control group. The study was conducted in two groups: Group A and Group B. Group A was the intervention group and Group B was the control group.

TYP. EXTERIOR VIEW, 8 DOOR OPENING



NOTE:
General: Your instructor will provide you with the following information:
1. The name of the company.
2. The name of the instructor.
3. The name of the student.

OF CHINESE AND FOREIGN LITERATURE

TYPICAL CHB FOOTING DETAILS
(WHERE APPLICABLE)

INTERSECTION WALL INTERSECTING R.C. COLUMN CH WALL
TYPICAL CONNECTION DETAIL OF MISCELLANEOUS WALL

TYPICAL DETAIL FOR REIN-
OR SLAB CHANGE TO IT

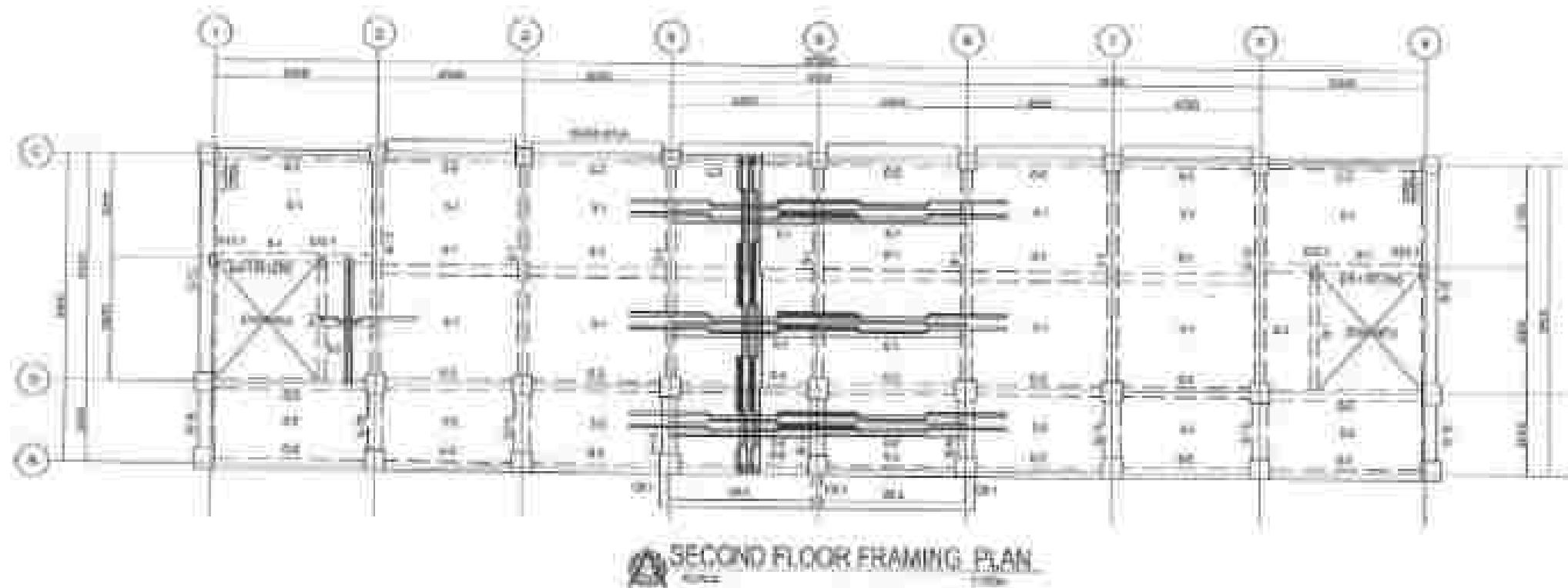
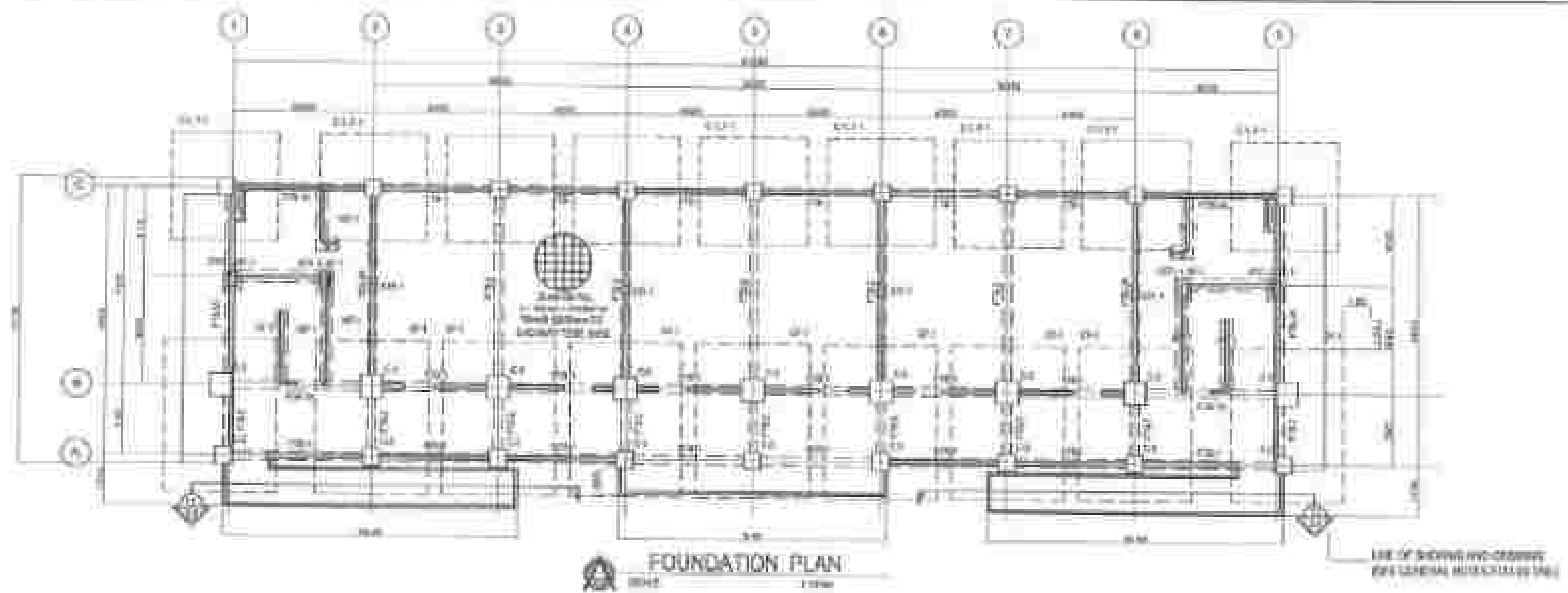
ELEVATION SECTION
TYP. DET. OF LINTEL BEAM AT CHD WALL OPENING

TYPE SECTION OF MASONRY
PARTITION REINFORCEMENT

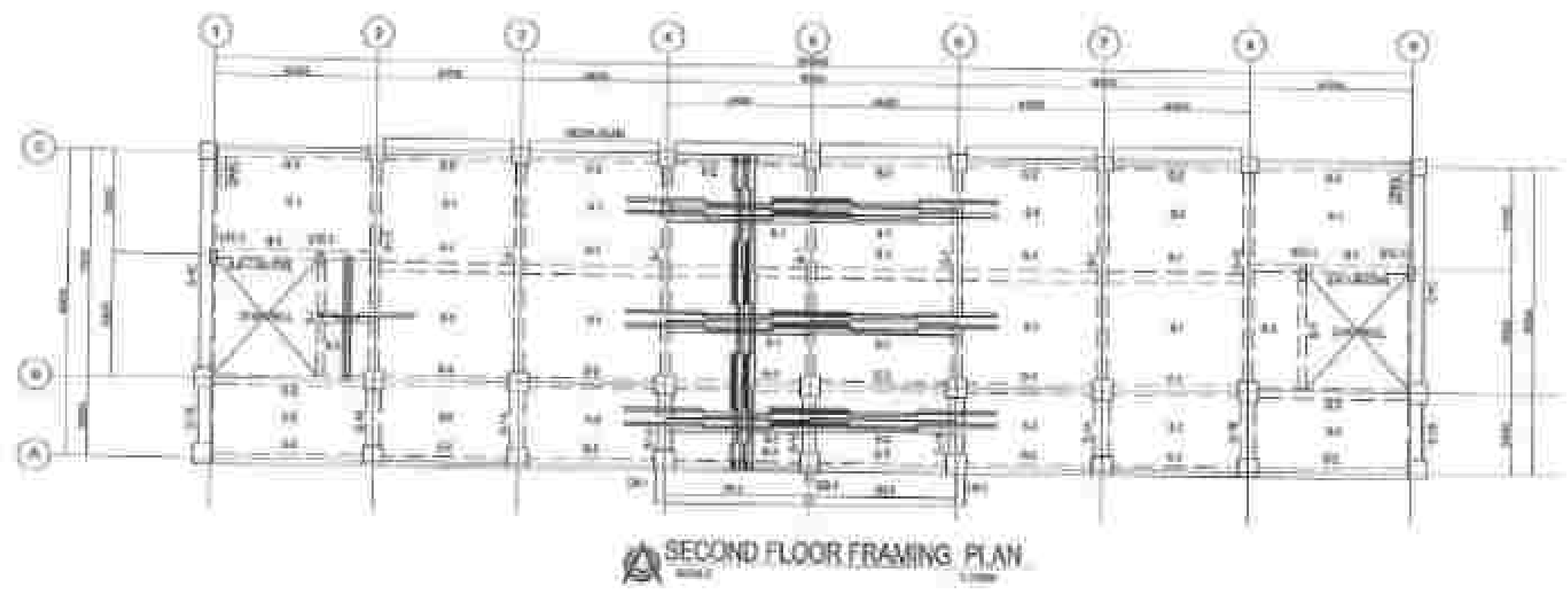
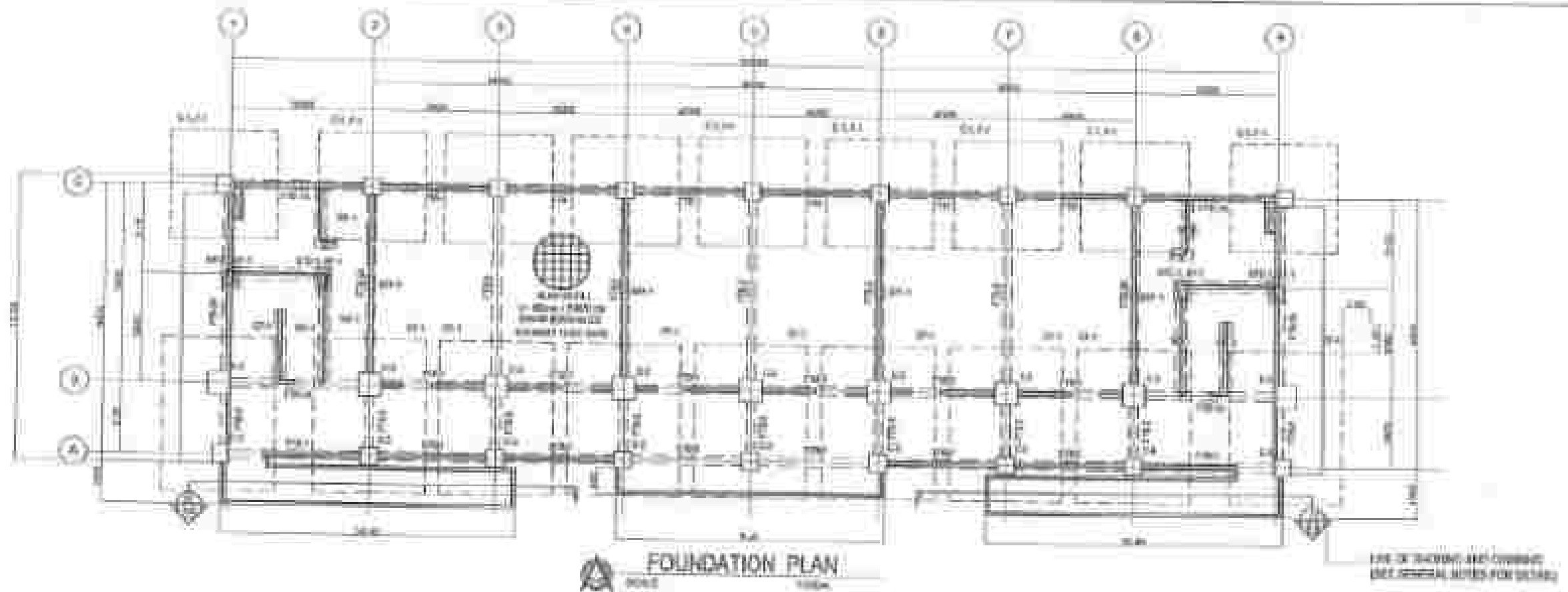
SHOWING AND CHIEFING DATA

NOTES ON CONCRETE FLOOR WORKS SHALL BE IN ACCORDANCE			
ITEM NUMBER	DESCRIPTION		UNIT
	ITEM NAME	UNITED	
0100	CONCRETE FLOOR	1:2:4	1.00
0200	CONCRETE FLOOR	1:2:4	1.00
0300	CONCRETE FLOOR	1:2:4	1.00
0400	CONCRETE FLOOR	1:2:4	1.00
0500	CONCRETE FLOOR	1:2:4	1.00

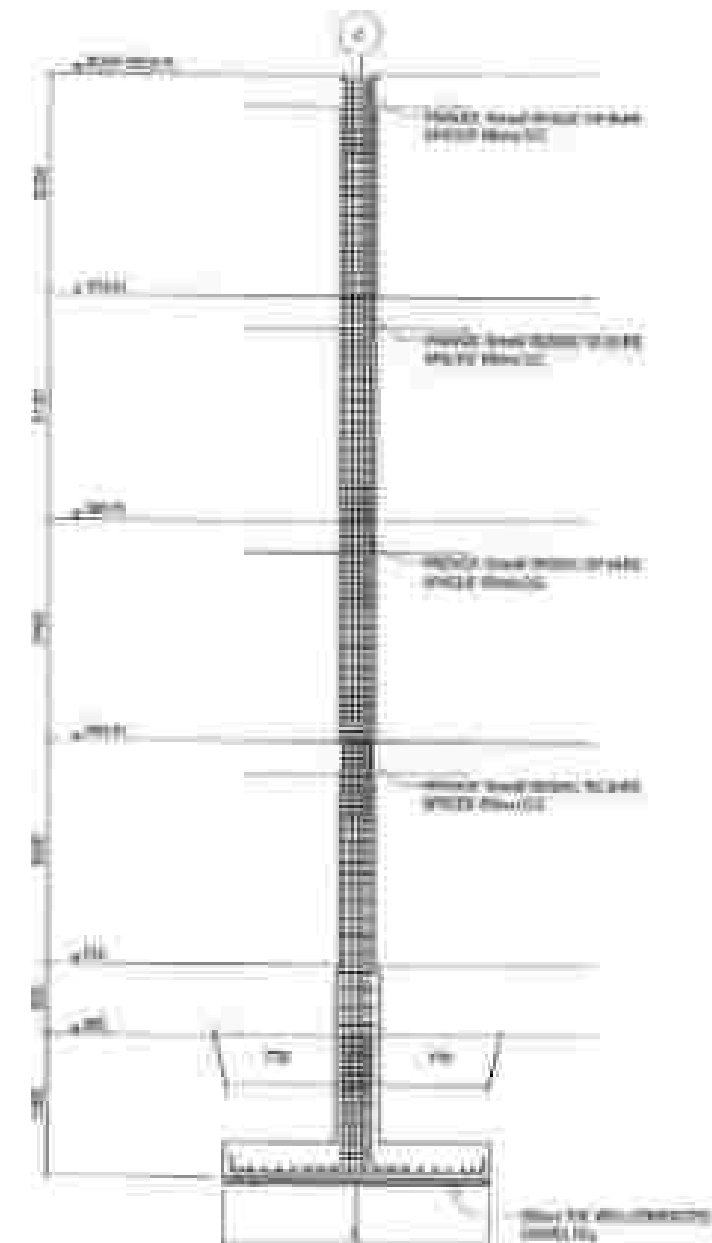
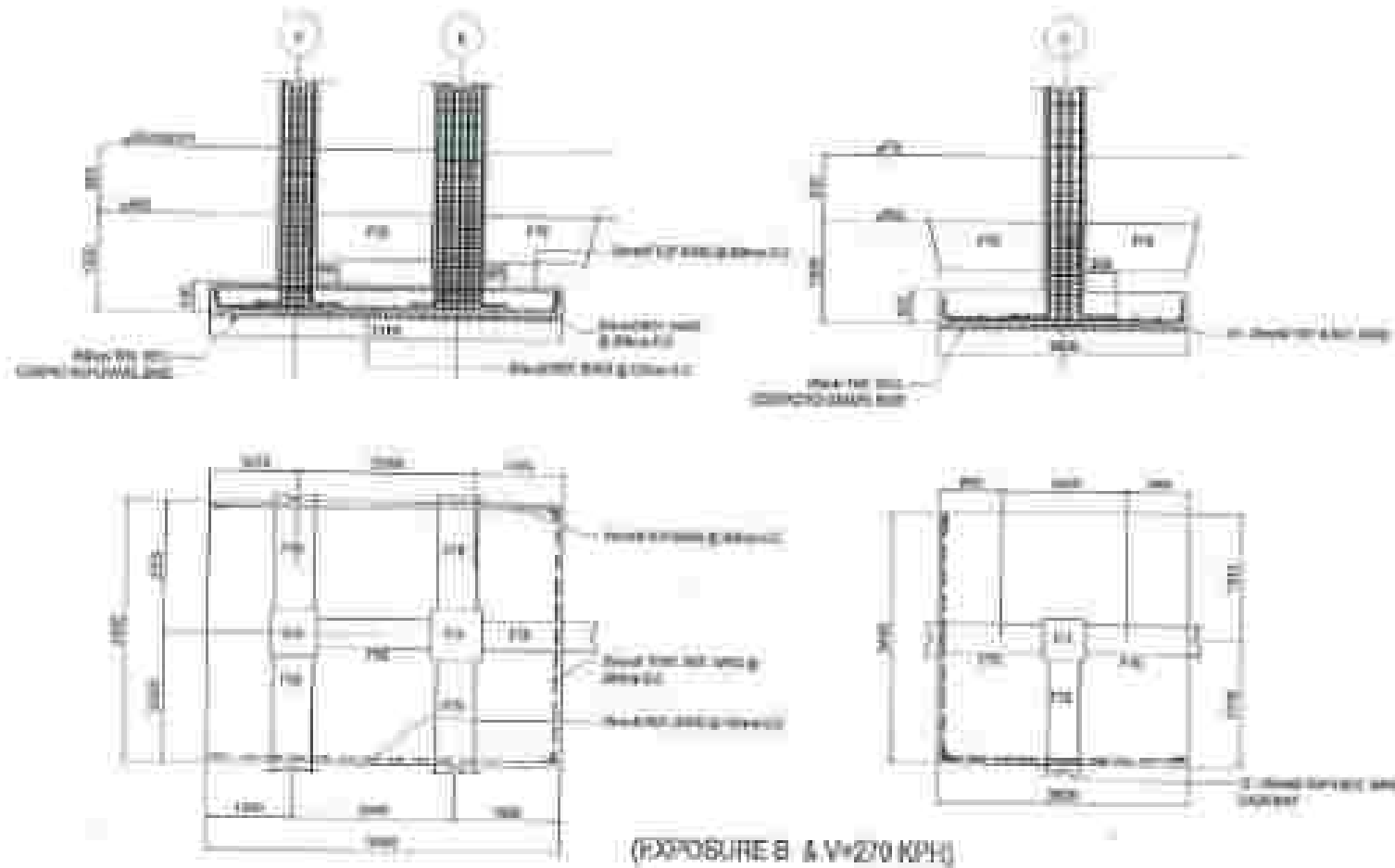




 DEPARTMENT OF EDUCATION DIVISION OFFICE - MARIKINA CITY MARIKINA CITY, PANGASINAN	PROJECT NAME: CONSTRUCTION OF SCHOOL BUILDING, SINCANAN NATIONAL HIGH SCHOOL, MARANGAY MARGUAS, ZANGBANDU CITY LOCATION: SINCANAN, ZANGBANDU CITY	DATE: 08/08/2024 PROJECT NO.: 001	DESIGNED BY: ALBERTO A. SARAWI CHECKED BY: JOSEPH S. VALERIO	DATE: 08/08/2024 PROJECT NO.: 001	APPROVED BY: ARTURO A. SARAWI, JR.	APPROVED BY: ROBERTO S. SANTIAGO	APPROVED BY: JOSEPH S. VALERIO	SCALE: S 3
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 DEPARTMENT OF EDUCATION DIVISION OFFICE - MARIKINA CITY MARIKINA CITY, RIZAL	PROJECT TITLE: CONSTRUCTION OF SCHOOL BUILDING, MANAYAN NATIONAL HIGH SCHOOL, BARANGAY MANAYAN, MARIKINA CITY DESIGNED BY: JESSE M. MANAYAN, CIVIL ENGINEER P.E.	DATE DESIGNED: OCTOBER 10, 2018 PROJECT FLOOR: SECOND FLOOR FRAMING PLAN	APPROVED BY: ALBERTO S. MANAYAN CIVIL ENGINEER P.E. DATE APPROVED: OCTOBER 10, 2018	PROJECT NO.: PROJECT NAME:	DESIGNED BY: JESSE M. MANAYAN, CIVIL ENGINEER P.E.	CHECKED BY: ALBERTO S. MANAYAN, CIVIL ENGINEER P.E.	APPROVED BY: ALBERTO S. MANAYAN, CIVIL ENGINEER P.E.	SCALE: S 3
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SCHEDULE OF FOOTING TIE BEAMS (FTB) (EXPOSURE B AND V=270KPH)

FLOOR TYPE	NO.	SECTION		REINFORCEMENT BARS				NO. BARS REQUIRED			REMARKS AND NOTES	STATUS
		LENGTH	WIDTH	BAR SIZE		BAR TYPE		TOP	BOT	ALL SIDE		
				mm	mm	mm	mm					
GROUND FLOOR (G)	FTB-1	40	40	12mm	12mm	12mm	12mm				FOOTING TIE BEAM 1 40x40x12	PROPOSED
	FTB-2	40	40	12mm	12mm	12mm	12mm				FOOTING TIE BEAM 2 40x40x12	PROPOSED
	FTB-3	40	40	12mm	12mm	12mm	12mm				FOOTING TIE BEAM 3 40x40x12	PROPOSED
	FTB-4	40	40	12mm	12mm	12mm	12mm				FOOTING TIE BEAM 4 40x40x12	PROPOSED



DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
BUREAU OF ENGINEERING
DIVISION OFFICE - MARIKINA CITY

PROJECT TITLE:
CONSTRUCTION OF SCHOOL BUILDING, MARICANAN
NATIONAL HIGH SCHOOL, MARICANAN
BAGUIO CITY

PROJECT NUMBER:
MARICANAN 12/23/18
REVISIONS:
REVISION 1: 12/23/18
REVISION 2: 12/23/18

DESIGNED BY:
ALBERTO A. SARANGI
CHECKED BY:
JOSEPH M. VALERIO

APPROVED BY:
JOSEPH M. VALERIO

APPROVED BY:
ANTONIO E. PANGLOS, JR.

APPROVED BY:
ROBERTO ROMULO, STA. RENA

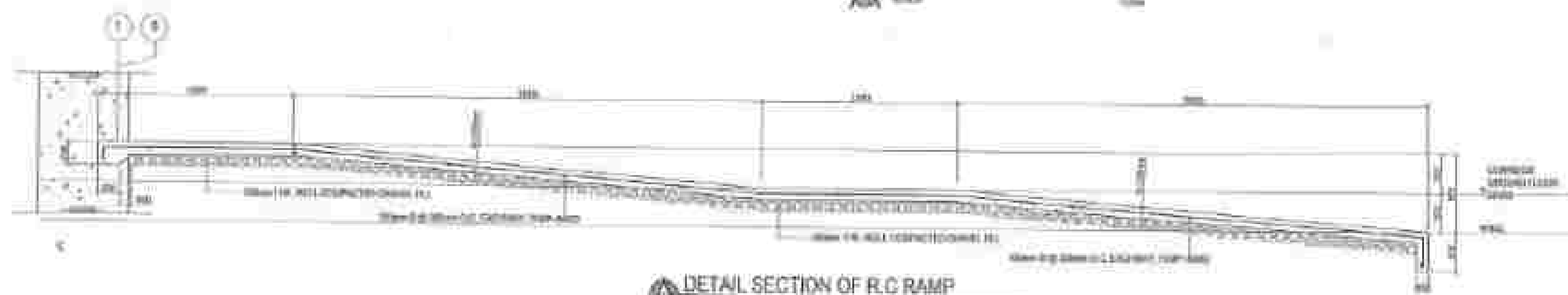
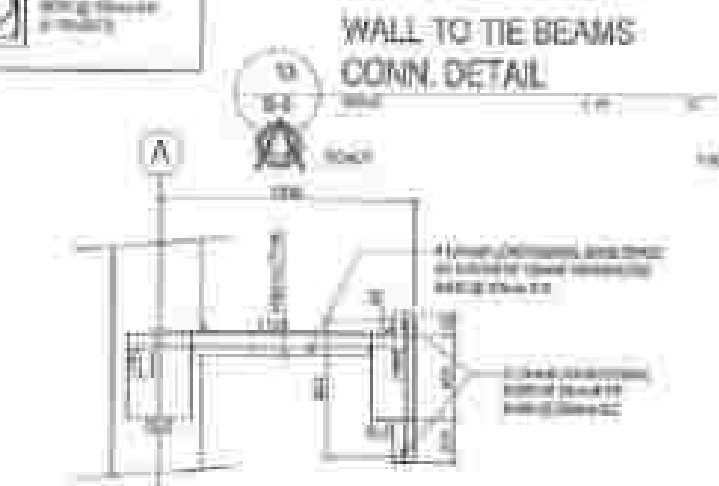
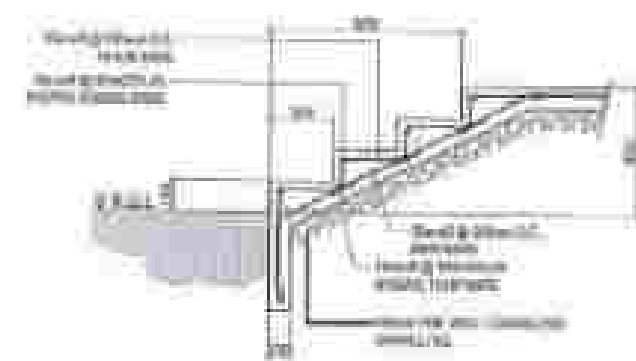
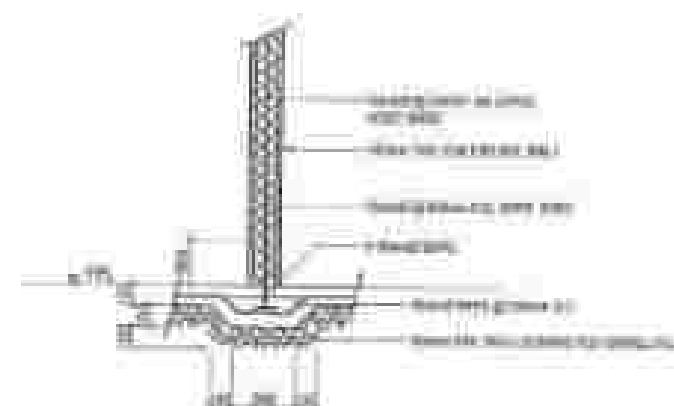
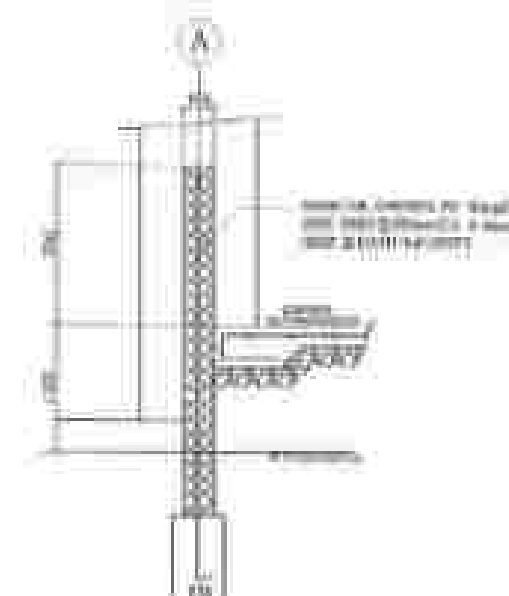
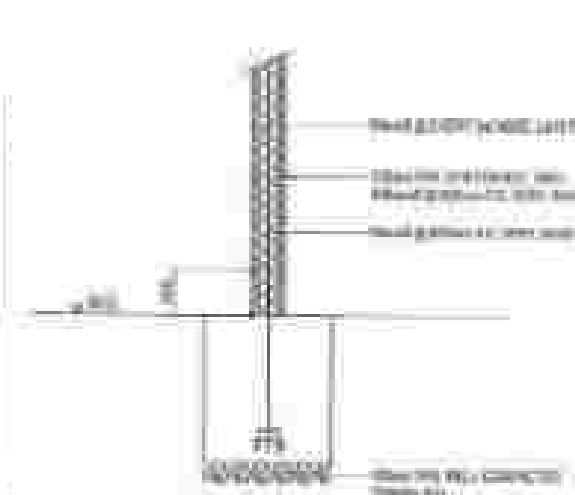
APPROVED BY:
JOSEPH M. VALERIO

DATE:
12/23/18

S
5

SCHEDULE OF COLUMNS (EXPOSURE B & V= 270 KPH)

NO.	SECTION THROUGH COLUMN	SECTION THROUGH COLUMN	SECTION THROUGH COLUMN	SECTION THROUGH COLUMN	SECTION THROUGH COLUMN
C-1					
C-2					
C-3					



DEPARTMENT OF EDUCATION DIVISION OFFICE - MARIKINA CITY MARIKINA CITY	PROJECT NAME	SCHOOL NAME	DESIGNED BY	CHECKED BY	DATE	APPROVED BY	DATE	REVISION
	CONSTRUCTION OF SCHOOL FOR ORPHAN CHILDREN NATIONAL HIGH SCHOOL, BANGAY MARICANAN, MARICANAN CITY	SCHOOL OF THE FUTURE NATIONAL HIGH SCHOOL, BANGAY MARICANAN, MARICANAN CITY	ALBERTO K. SARANGI	JOSE A. PANGA				
	PROJECT LOCATION	PROJECT NO.	PROJECT NO.	PROJECT NO.	PROJECT NO.	PROJECT NO.	PROJECT NO.	PROJECT NO.

SCHEDULE OF BEAMS AND GIRDERS (EXPOSURE B AND V=270KPH)

FLOOR LEVEL	TYPE	SPACING		REINFORCEMENT				DETAILS			REMARKS	
		E	C	SUPPORT		SPAN		TOP	SIDE	END		
				TOP	BOTTOM	TOP	BOTTOM					
SECOND FLOOR (170)	C-1	45	45	15000	15000	15000	15000				STEEL I-BEAM 300x100 @ 15000x15000	STEEL I-BEAM 300x100
	C-2	45	45	15000	15000	15000	15000				STEEL I-BEAM 300x100 @ 15000x15000	STEEL I-BEAM 300x100
	C-3	45	45	15000	15000	15000	15000				STEEL I-BEAM 300x100 @ 15000x15000	STEEL I-BEAM 300x100
	C-4	45	45	15000	15000	15000	15000				STEEL I-BEAM 300x100 @ 15000x15000	STEEL I-BEAM 300x100
	C-5	45	45	15000	15000	15000	15000				STEEL I-BEAM 300x100 @ 15000x15000	STEEL I-BEAM 300x100
	C-6	45	45	15000	15000	15000	15000				STEEL I-BEAM 300x100 @ 15000x15000	STEEL I-BEAM 300x100
	C-7	45	45	15000	15000	15000	15000				STEEL I-BEAM 300x100 @ 15000x15000	STEEL I-BEAM 300x100
	C-8	45	45	15000	15000	15000	15000				STEEL I-BEAM 300x100 @ 15000x15000	STEEL I-BEAM 300x100
	C-9	45	45	15000	15000	15000	15000				STEEL I-BEAM 300x100 @ 15000x15000	STEEL I-BEAM 300x100
	C-10	45	45	15000	15000	15000	15000				STEEL I-BEAM 300x100 @ 15000x15000	STEEL I-BEAM 300x100
THIRD FLOOR (175)	C-11	45	45	15000	15000	15000	15000				STEEL I-BEAM 300x100 @ 15000x15000	STEEL I-BEAM 300x100
	C-12	45	45	15000	15000	15000	15000				STEEL I-BEAM 300x100 @ 15000x15000	STEEL I-BEAM 300x100
	C-13	45	45	15000	15000	15000	15000				STEEL I-BEAM 300x100 @ 15000x15000	STEEL I-BEAM 300x100
	C-14	45	45	15000	15000	15000	15000				STEEL I-BEAM 300x100 @ 15000x15000	STEEL I-BEAM 300x100
	C-15	45	45	15000	15000	15000	15000				STEEL I-BEAM 300x100 @ 15000x15000	STEEL I-BEAM 300x100
	C-16	45	45	15000	15000	15000	15000				STEEL I-BEAM 300x100 @ 15000x15000	STEEL I-BEAM 300x100
	C-17	45	45	15000	15000	15000	15000				STEEL I-BEAM 300x100 @ 15000x15000	STEEL I-BEAM 300x100
	C-18	45	45	15000	15000	15000	15000				STEEL I-BEAM 300x100 @ 15000x15000	STEEL I-BEAM 300x100
	C-19	45	45	15000	15000	15000	15000				STEEL I-BEAM 300x100 @ 15000x15000	STEEL I-BEAM 300x100
	C-20	45	45	15000	15000	15000	15000				STEEL I-BEAM 300x100 @ 15000x15000	STEEL I-BEAM 300x100
FOURTH FLOOR (180)	C-21	45	45	15000	15000	15000	15000				STEEL I-BEAM 300x100 @ 15000x15000	STEEL I-BEAM 300x100
	C-22	45	45	15000	15000	15000	15000				STEEL I-BEAM 300x100 @ 15000x15000	STEEL I-BEAM 300x100
	C-23	45	45	15000	15000	15000	15000				STEEL I-BEAM 300x100 @ 15000x15000	STEEL I-BEAM 300x100
	C-24	45	45	15000	15000	15000	15000				STEEL I-BEAM 300x100 @ 15000x15000	STEEL I-BEAM 300x100
	C-25	45	45	15000	15000	15000	15000				STEEL I-BEAM 300x100 @ 15000x15000	STEEL I-BEAM 300x100
	C-26	45	45	15000	15000	15000	15000				STEEL I-BEAM 300x100 @ 15000x15000	STEEL I-BEAM 300x100
	C-27	45	45	15000	15000	15000	15000				STEEL I-BEAM 300x100 @ 15000x15000	STEEL I-BEAM 300x100
	C-28	45	45	15000	15000	15000	15000				STEEL I-BEAM 300x100 @ 15000x15000	STEEL I-BEAM 300x100
	C-29	45	45	15000	15000	15000	15000				STEEL I-BEAM 300x100 @ 15000x15000	STEEL I-BEAM 300x100
	C-30	45	45	15000	15000	15000	15000				STEEL I-BEAM 300x100 @ 15000x15000	STEEL I-BEAM 300x100

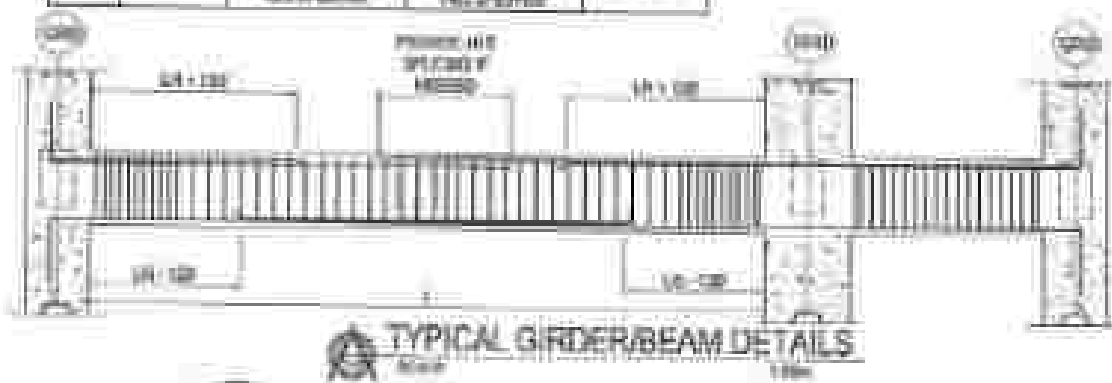
FLOOR LEVEL	TYPE	E	C	TOP	BOTTOM	TOP	BOTTOM	TOP	SIDE	END	REMARKS
SECOND FLOOR (170)	C-1	45	45	15000	15000	15000	15000				STEEL I-BEAM 300x100
	C-2	45	45	15000	15000	15000	15000				STEEL I-BEAM 300x100
	C-3	45	45	15000	15000	15000	15000				STEEL I-BEAM 300x100
	C-4	45	45	15000	15000	15000	15000				STEEL I-BEAM 300x100
	C-5	45	45	15000	15000	15000	15000				STEEL I-BEAM 300x100
	C-6	45	45	15000	15000	15000	15000				STEEL I-BEAM 300x100
	C-7	45	45	15000	15000	15000	15000				STEEL I-BEAM 300x100
	C-8	45	45	15000	15000	15000	15000				STEEL I-BEAM 300x100
	C-9	45	45	15000	15000	15000	15000				STEEL I-BEAM 300x100
	C-10	45	45	15000	15000	15000	15000				STEEL I-BEAM 300x100
THIRD FLOOR (175)	C-11	45	45	15000	15000	15000	15000				STEEL I-BEAM 300x100
	C-12	45	45	15000	15000	15000	15000				STEEL I-BEAM 300x100
	C-13	45	45	15000	15000	15000	15000				STEEL I-BEAM 300x100
	C-14	45	45	15000	15000	15000	15000				STEEL I-BEAM 300x100
	C-15	45	45	15000	15000	15000	15000				STEEL I-BEAM 300x100
	C-16	45	45	15000	15000	15000	15000				STEEL I-BEAM 300x100
	C-17	45	45	15000	15000	15000	15000				STEEL I-BEAM 300x100
	C-18	45	45	15000	15000	15000	15000				STEEL I-BEAM 300x100
	C-19	45	45	15000	15000	15000	15000				STEEL I-BEAM 300x100
	C-20	45	45	15000	15000	15000	15000				STEEL I-BEAM 300x100
FOURTH FLOOR (180)	C-21	45	45	15000	15000	15000	15000				STEEL I-BEAM 300x100
	C-22	45	45	15000	15000	15000	15000				STEEL I-BEAM 300x100
	C-23	45	45	15000	15000	15000	15000				STEEL I-BEAM 300x100
	C-24	45	45	15000	15000	15000	15000				STEEL I-BEAM 300x100
	C-25	45	45	15000	15000	15000	15000				STEEL I-BEAM 300x100
	C-26	45	45	15000	15000	15000	15000				STEEL I-BEAM 300x100
	C-27	45	45	15000	15000	15000	15000				STEEL I-BEAM 300x100
	C-28	45	45	15000	15000	15000	15000				STEEL I-BEAM 300x100
	C-29	45	45	15000	15000	15000	15000				STEEL I-BEAM 300x100
	C-30	45	45	15000	15000	15000	15000				STEEL I-BEAM 300x100

GRADE 40	
10mm	275 MPa
12mm	355 MPa
16mm	485 MPa

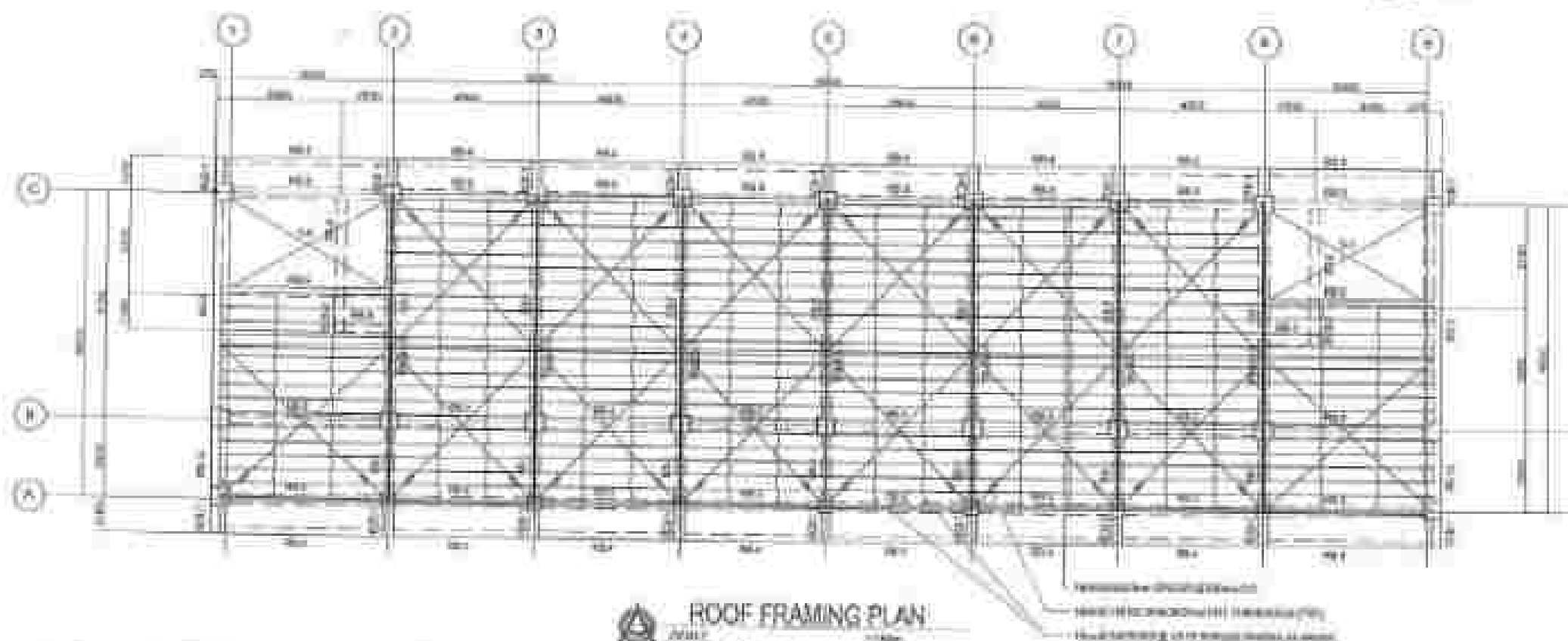
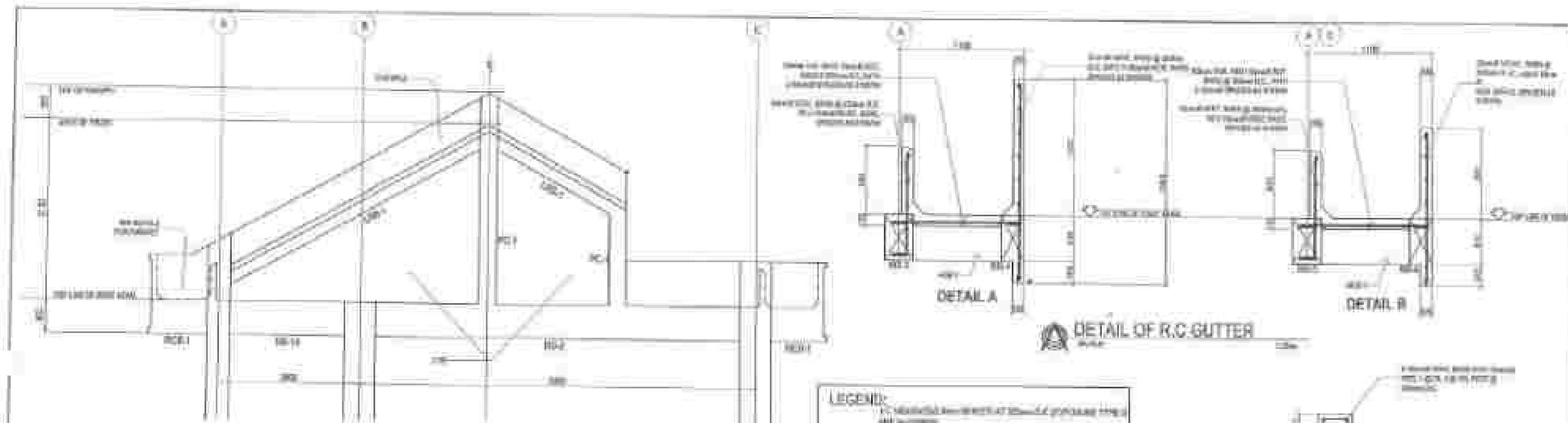
GRADE 60	
10mm	355 MPa
12mm	485 MPa
16mm	635 MPa
635 MPa	

SCHEDULE OF SLABS

SPAN	THICKNESS	REINFORCEMENT		REMARKS
		PERPENDICULAR TO LONG SPAN	PARALLEL TO SHORT SPAN	
2.1	150mm	10mm @ 150mm	10mm @ 150mm	10mm @ 150mm
2.2	150mm	10mm @ 150mm	10mm @ 150mm	10mm @ 150mm
2.3	150mm	10mm @ 150mm	10mm @ 150mm	10mm @ 150mm
2.4	150mm	10mm @ 150mm	10mm @ 150mm	10mm @ 150mm



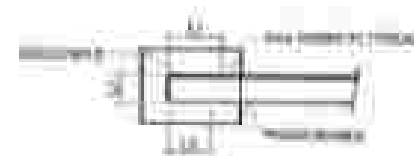
TYPICAL GIRDER/BEAM DETAILS



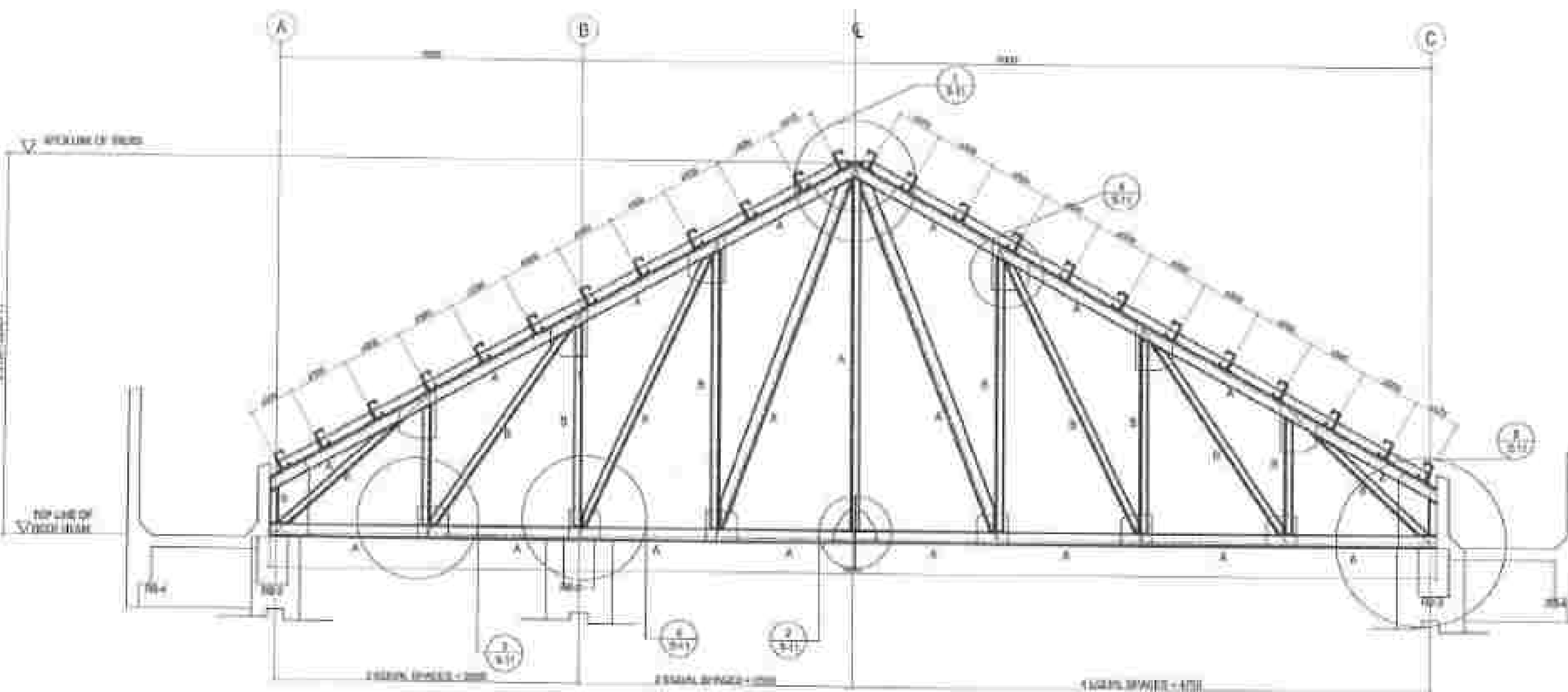
 DEPARTMENT OF EDUCATION DIVISION OFFICE - MARIKINA CITY SCHOOL DIVISION OFFICE - MARIKINA CITY	PROJECT NAME CONSTRUCTION OF SCHOOL BUILDING, MARICANAN NATIONAL HIGH SCHOOL, MARICANAN CABANANAN CITY DESIGNER MARICANAN, MARICANAN CITY	DESIGNER MARICANAN, MARICANAN CITY DESIGNER MARICANAN, MARICANAN CITY	DESIGNER MARICANAN, MARICANAN CITY DESIGNER MARICANAN, MARICANAN CITY	DESIGNER MARICANAN, MARICANAN CITY DESIGNER MARICANAN, MARICANAN CITY	DESIGNER MARICANAN, MARICANAN CITY DESIGNER MARICANAN, MARICANAN CITY	DESIGNER MARICANAN, MARICANAN CITY DESIGNER MARICANAN, MARICANAN CITY	DESIGNER MARICANAN, MARICANAN CITY DESIGNER MARICANAN, MARICANAN CITY	DESIGNER MARICANAN, MARICANAN CITY DESIGNER MARICANAN, MARICANAN CITY
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REQUIREMENT OF MEMBERSHIP AND WAY IN				
IMPROVE TYPE 3 AND 4 (10/10/1999)				
NAME	TRAINING CENTER	SIZE OF HILL		WITNESSES
		WIDTH	LENGTH	
		1	2	
1	SEA-THA-THA-THA	100	100	
2	SEA-THA-THA-THA	100	100	



 REFERENCE WELD DETAIL



DETAIL ELEVATION TRUSS 1



RESEARCHER'S NOTE: The author has no financial interest in any of the products or companies mentioned in this article.

CONSTRUCTION OF SCHOOL BUILDING, MANILA
NATIONAL HIGH SCHOOL, BARANGAY MANILA,
ZARAGUZA CITY

© 2000 Blackwell Science Ltd
Journal of Internal Medicine 247: 395–401

Signature of _____
AL-MUSTAFA SANANI
President of the Board of Directors
Sydney & Naomi L. Valantines

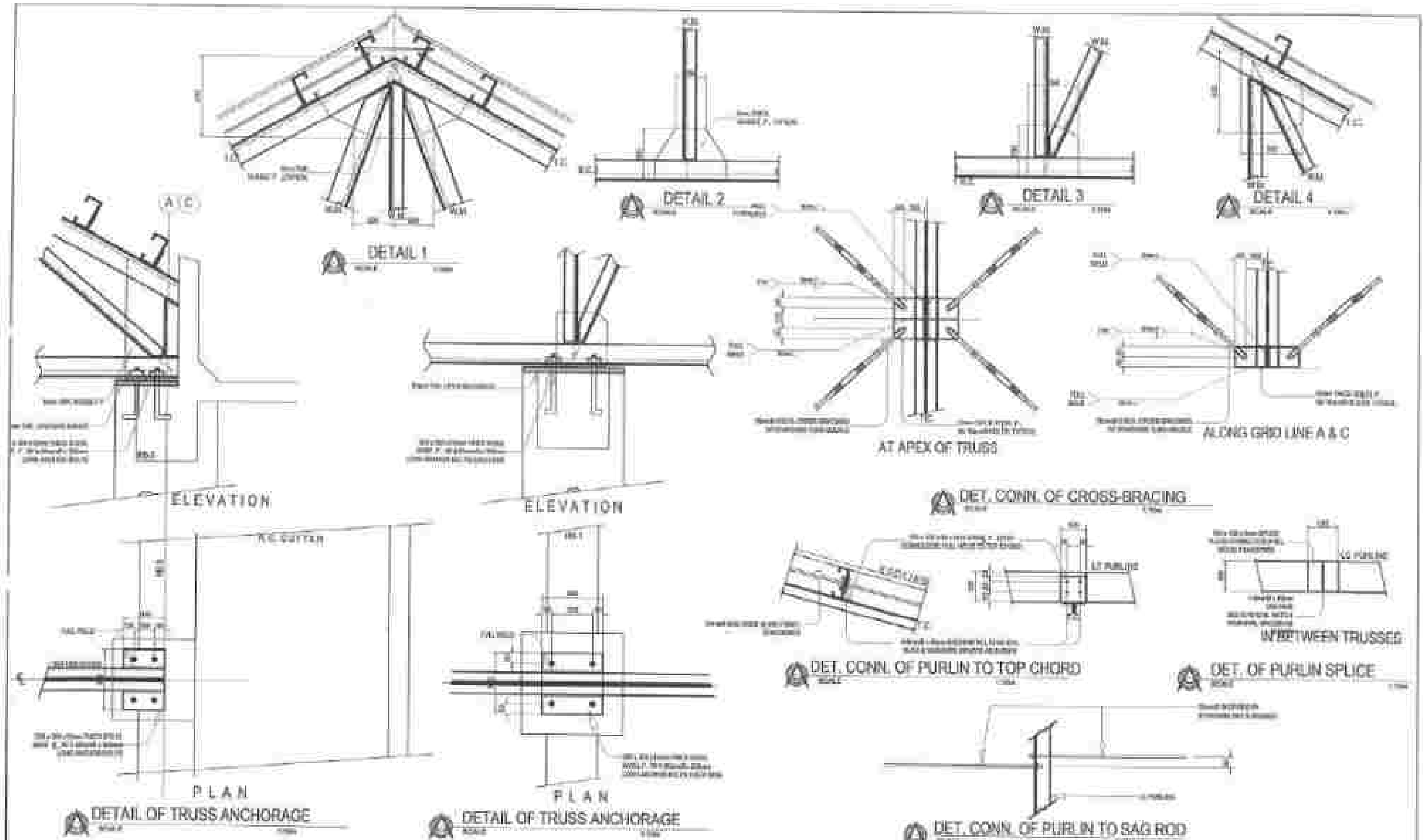
Year	Number of people (millions)
1980	18
1985	20
1990	22
1995	24
2000	26
2005	28
2010	30
2015	33
2020	38

ANTONIO C. PERALON, JR.


 HONORABLE PRESIDENT

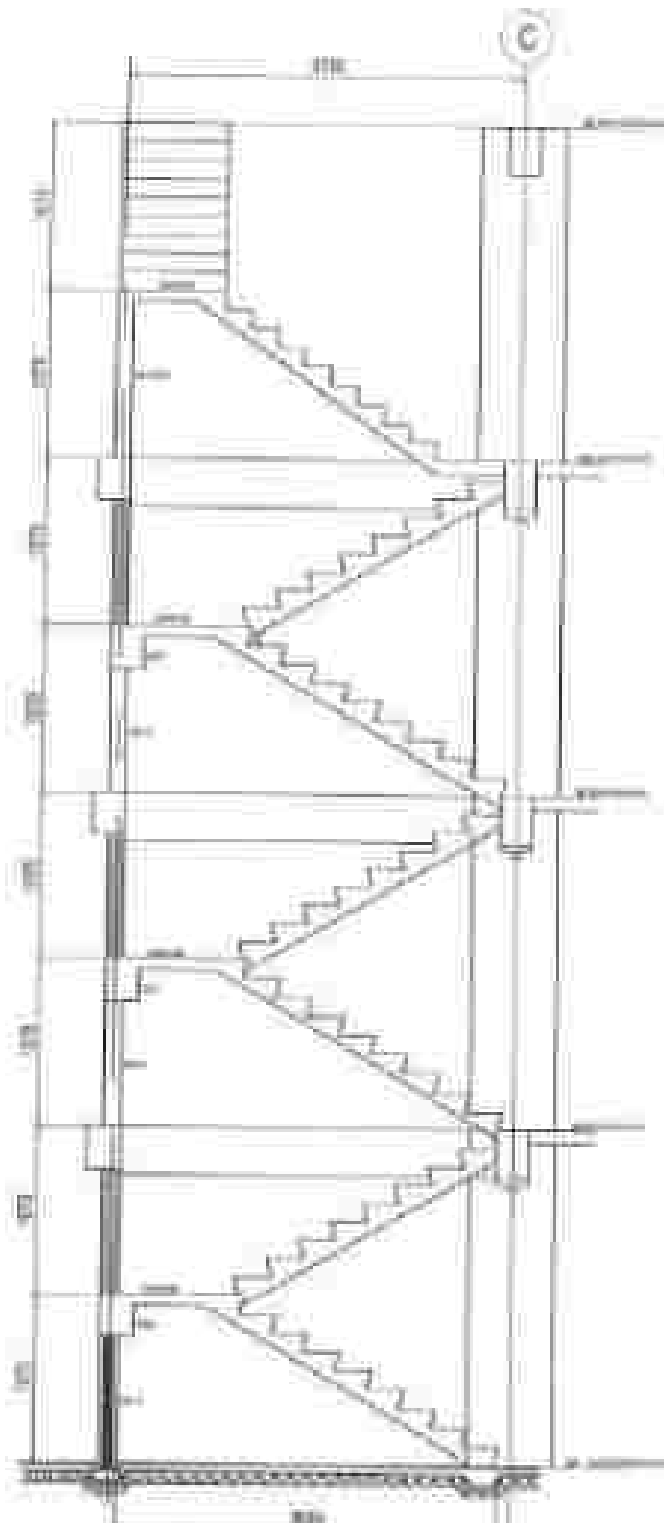
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 DEPARTMENT OF EDUCATION DIVISION OFFICE - MARIKINA CITY MARIKINA CITY, PHILIPPINES	PROJECT TITLE CONSTRUCTION OF SCHOOL BUILDING, MARICORAN NATIONAL HIGH SCHOOL, MARICORAN, MARICORAN CITY LOCATION MARICORAN, MARICORAN CITY	ARCHITECT ALBERTO A. SANCHEZ ENGINEER ALBERTO A. SANCHEZ	DESIGNER ALBERTO A. SANCHEZ CHECKER ALBERTO A. SANCHEZ	APPROVED ALBERTO A. SANCHEZ	APPROVED ALBERTO A. SANCHEZ	APPROVED ALBERTO A. SANCHEZ	APPROVED ALBERTO A. SANCHEZ	SCALE S 10
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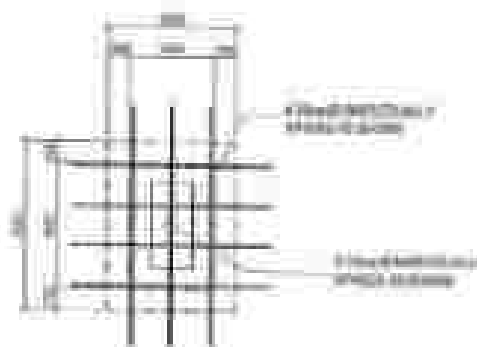
DETAIL ELEVATION OF STAIR
SCALE: 1/8" = 1'-0"



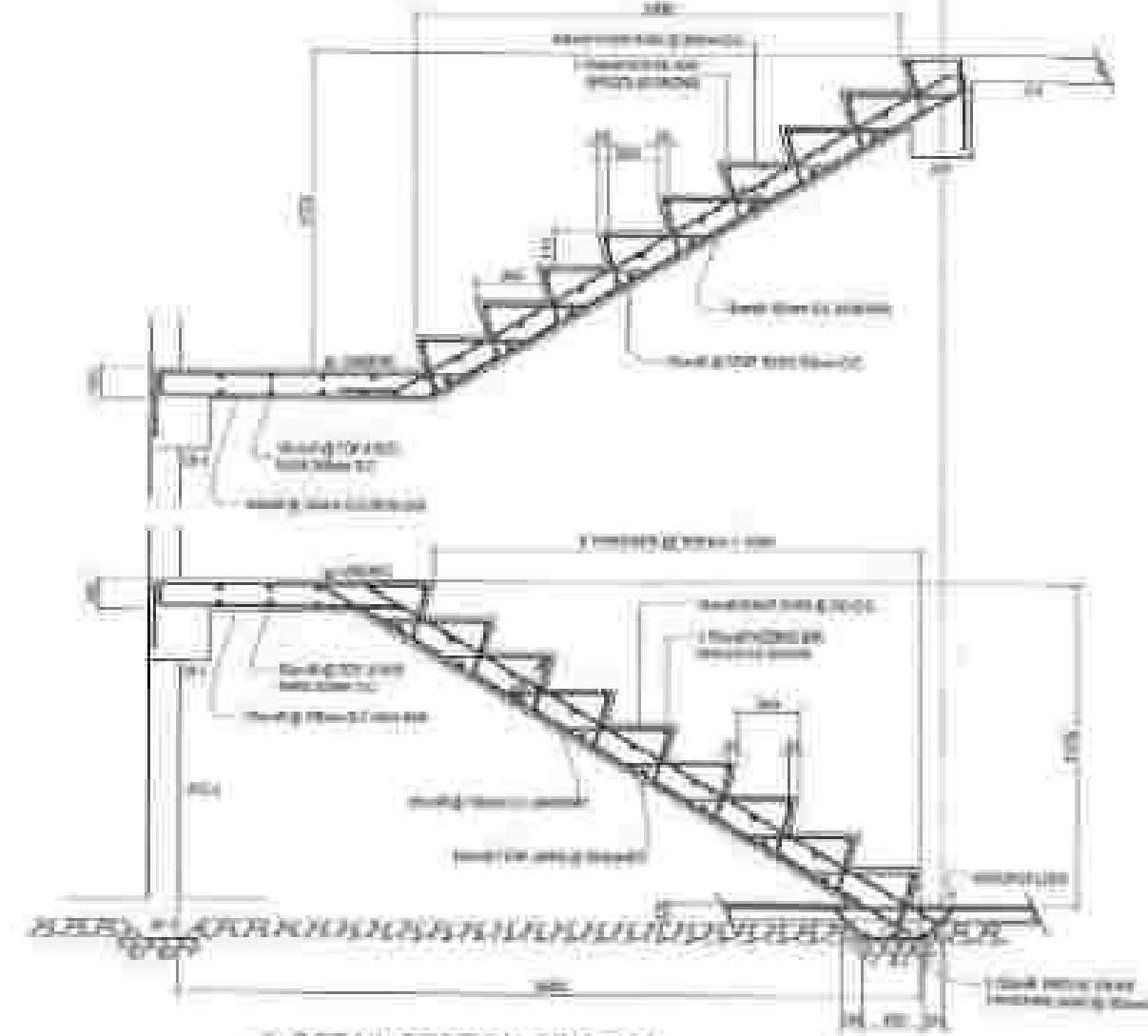
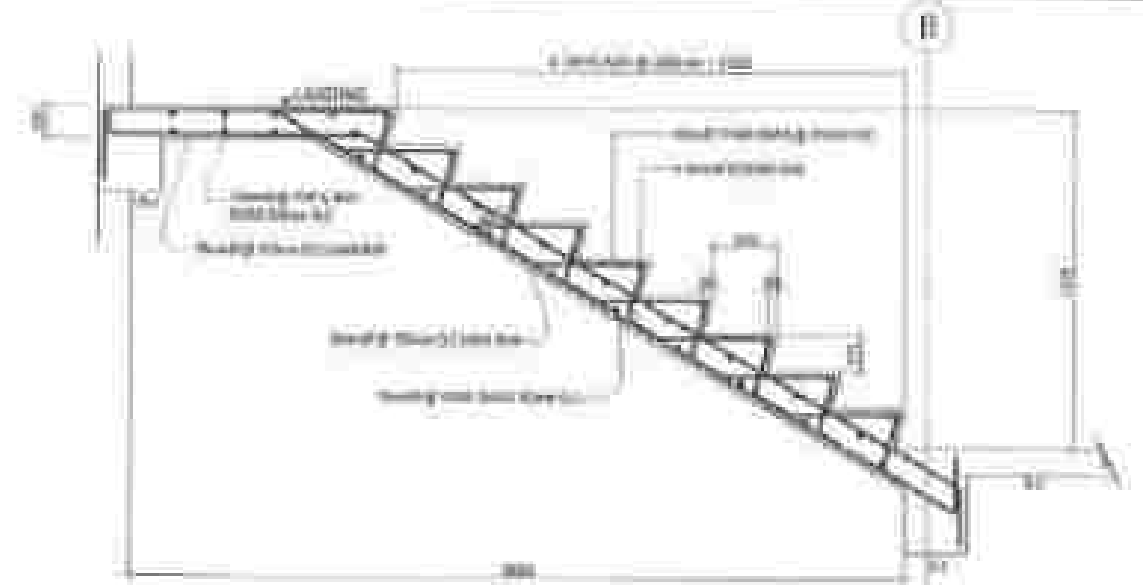
DETAIL OF STAIRWAY COLUMN (STC-1)
SCALE: 1/8" = 1'-0"



DETAIL OF LANDING BEAM (LB-1)
SCALE: 1/8" = 1'-0"



STAIRWAY FOOTING (SF-1) DETAIL
SCALE: 1/8" = 1'-0"



DETAIL SECTION OF STAIR
SCALE: 1/8" = 1'-0"



DEPARTMENT OF PUBLIC WORKS AND ENGINEERING
CITY OF MANILA

PROJECT TITLE
CONSTRUCTION OF SCHOOL BUILDING, MANICANAN
NATIONAL HIGH SCHOOL, HARRISAY MANICANAN,
ZAMBANGA CITY

DESIGN
DESIGN OF STAIR
DESIGN OF STAIR
DESIGN OF STAIR

DESIGNER
AL. MURILLO & SARAWI
DESIGNER
AL. MURILLO & SARAWI

DESIGNER
AL. MURILLO & SARAWI
DESIGNER
AL. MURILLO & SARAWI

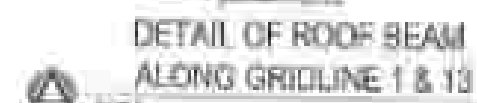
DESIGNER
AL. MURILLO & SARAWI
DESIGNER
AL. MURILLO & SARAWI

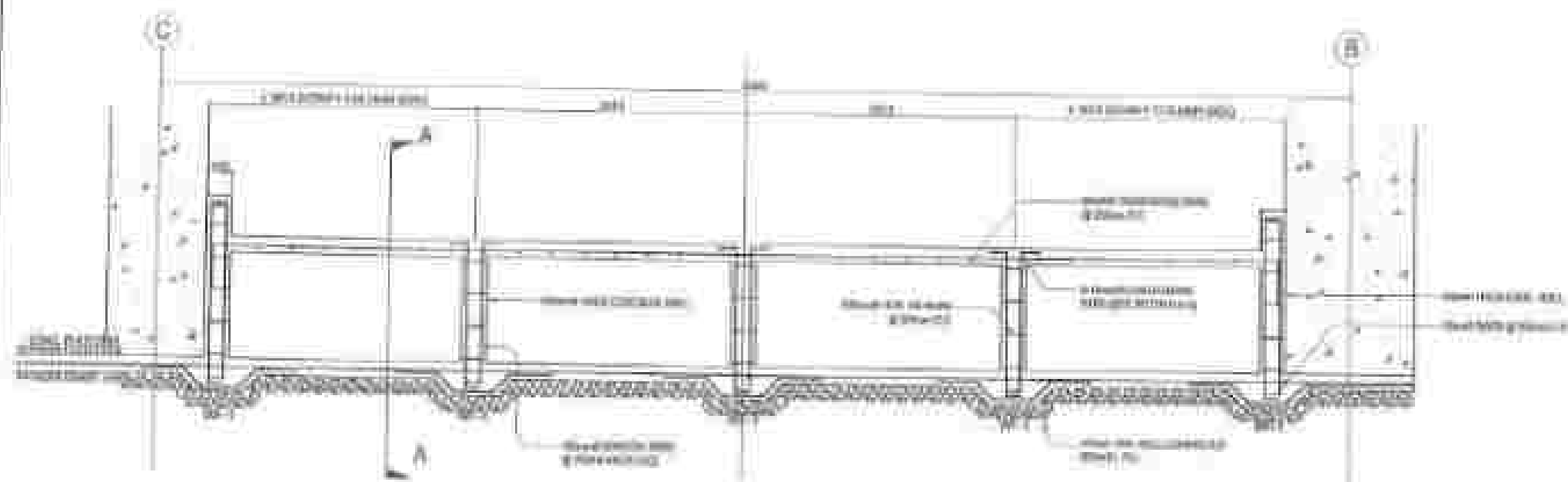
DESIGNER
AL. MURILLO & SARAWI
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AL. MURILLO & SARAWI
DESIGNER
AL. MURILLO & SARAWI

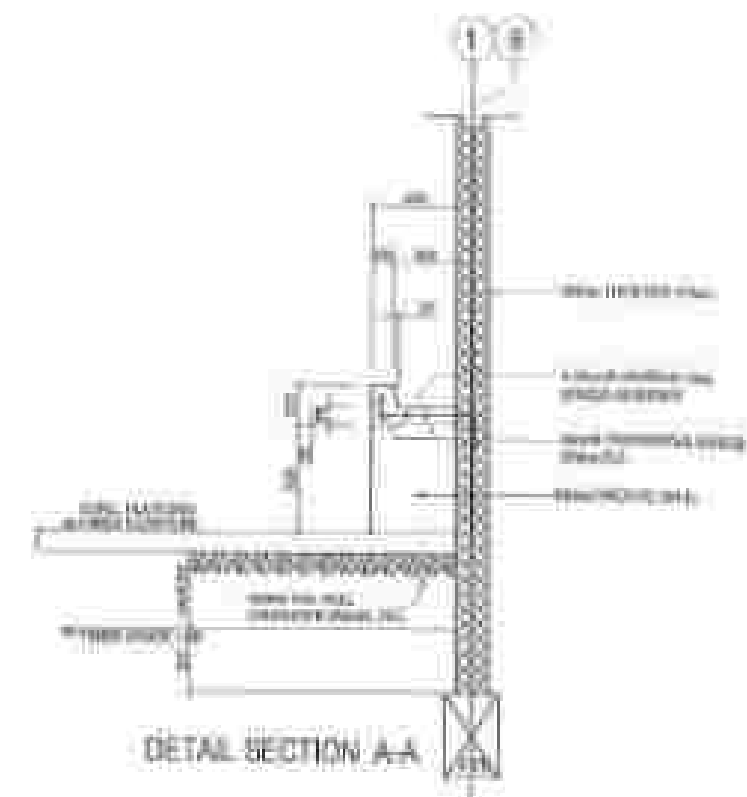
DESIGNER
AL. MURILLO & SARAWI
DESIGNER
AL. MURILLO & SARAWI

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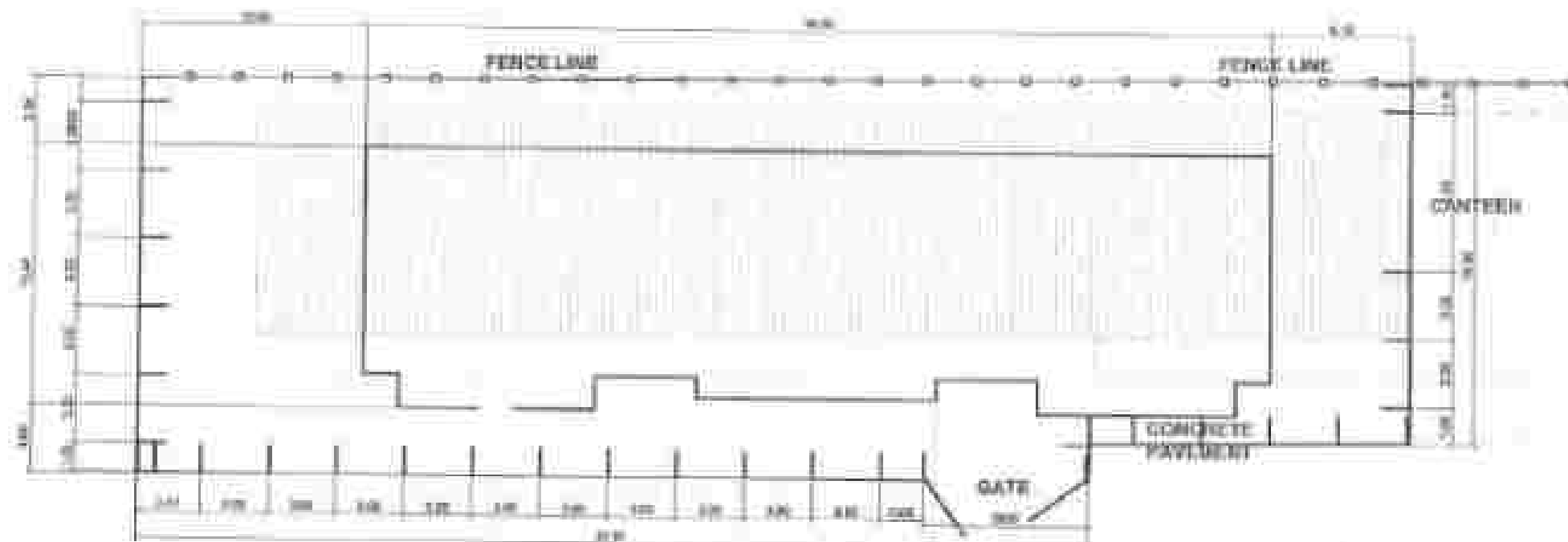


DETAILS OF HAND WASH
SCALE: 1/8" = 1'-0"

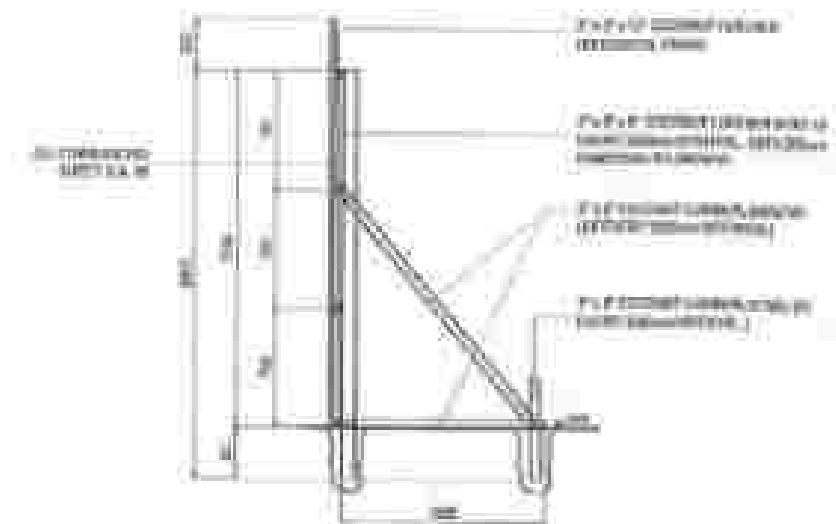


DETAILS OF LAVATORY (HANDWASH)
SCALE: 1/8" = 1'-0"

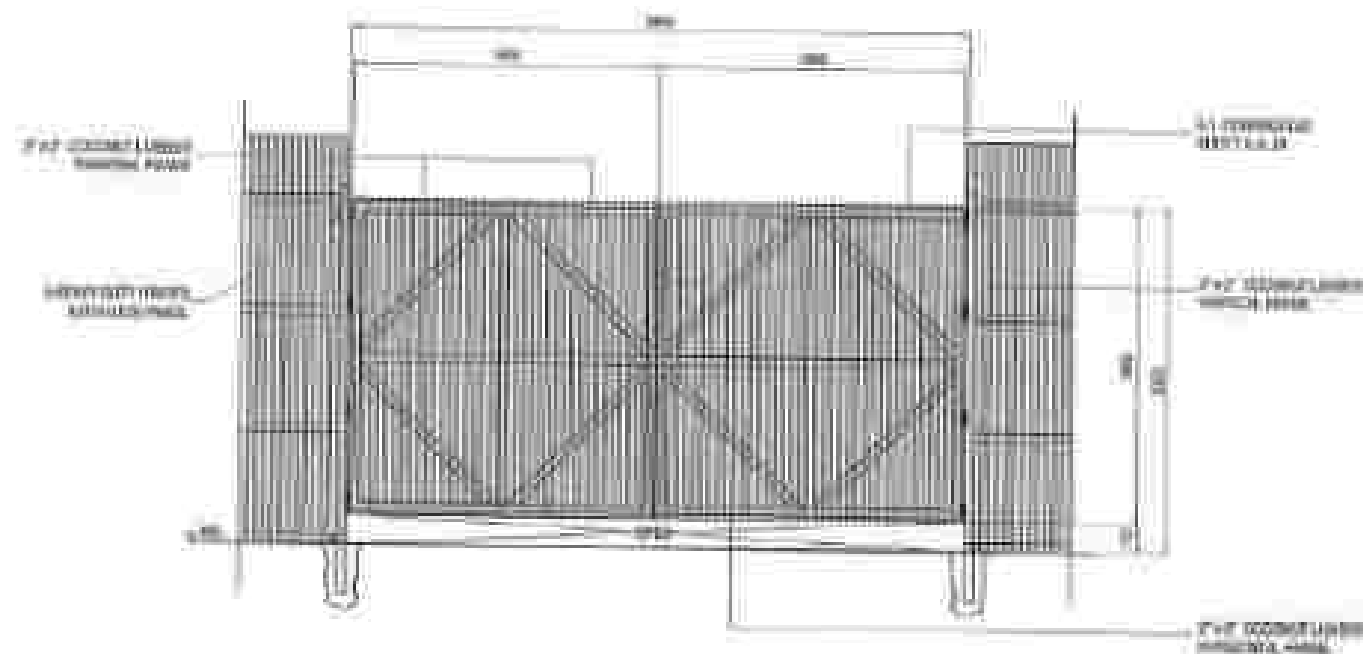
 DEPARTMENT OF EDUCATION DIVISION OFFICE - MARIKINA CITY SCHOOL DIVISION OFFICE - MARICANAN	PROJECT TITLE CONSTRUCTION OF SCHOOL BUILDING, MARICANAN NATIONAL HIGH SCHOOL, MARICANAN, ZAMBANGIA CITY	DATE OF ISSUE 10/10/2023	DESIGNED BY ALAN M. L. L. L. L.	CHECKED BY JOSE P. L. L. L.	APPROVED BY ANTONIO P. L. L. L.	REVIEWED BY ROBERTO P. L. L. L.	DATE 10/10/2023	PROJECT NO. S 14
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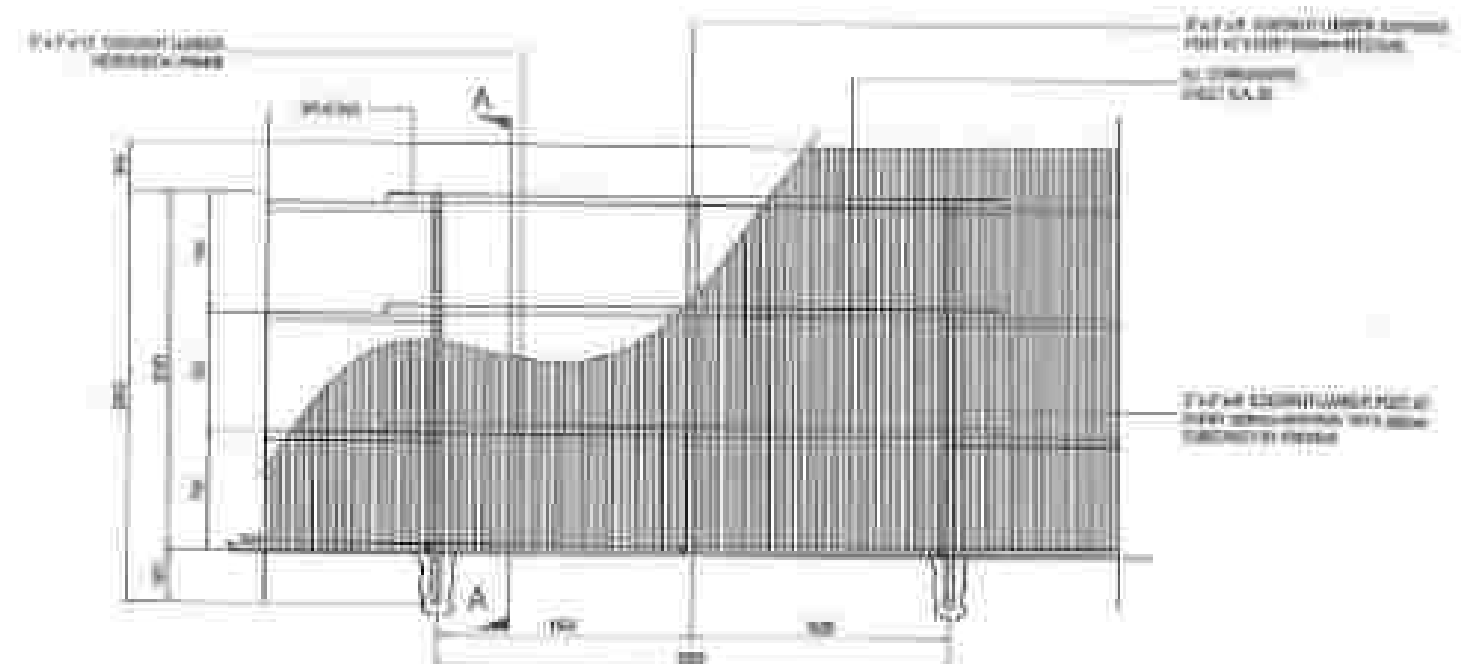
TEMPORARY PERIMETER FENCE PLAN
SCALE: 1/8" = 1'-0"



TYP. PERIMETER FENCE SIDE ELEVATION DETAIL
SCALE: 1/4" = 1'-0"

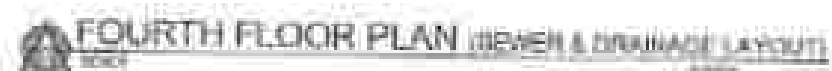


GATE DETAIL
SCALE: 1/4" = 1'-0"



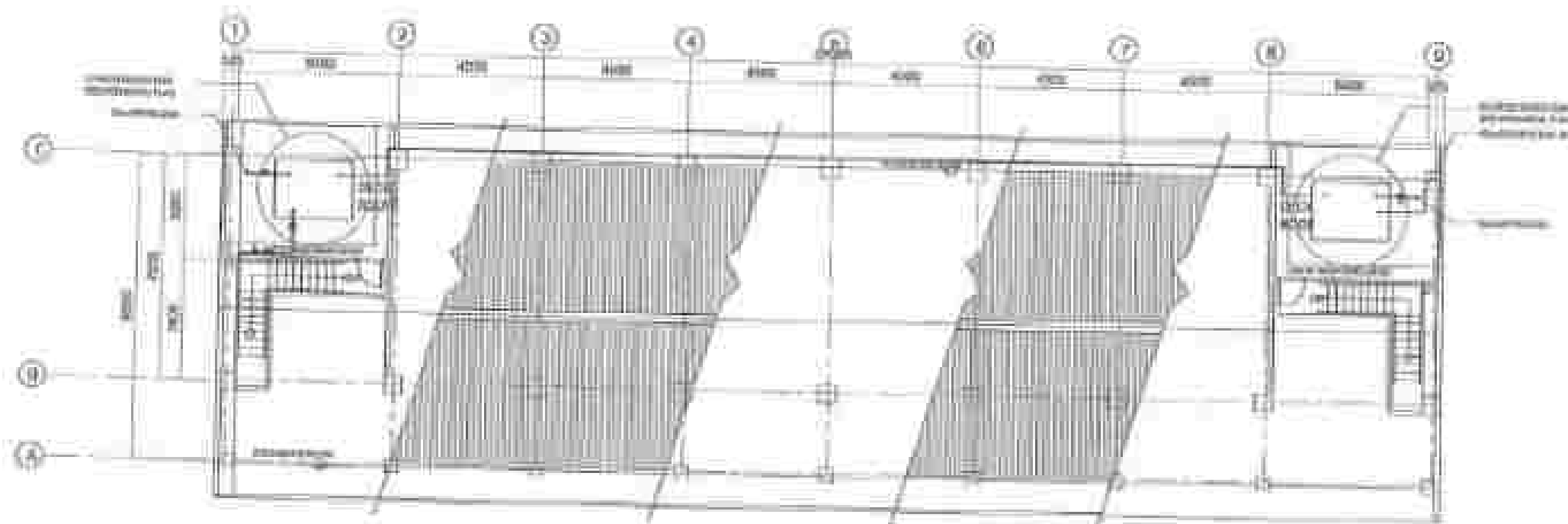
TYP. PERIMETER FENCE DETAIL
SCALE: 1/4" = 1'-0"

 DEPARTMENT OF PUBLIC WORKS AND ENGINEERING CITY OF SAN FRANCISCO	PROJECT: CONSTRUCTION OF BORIS BECKER JAVITSKY NATIONAL HIGH SCHOOL, SAN FRANCISCO, CALIFORNIA LOCATION: SAN FRANCISCO, CALIFORNIA	DESIGN: CIVIL ENGINEER DATE: 10/10/2014	DESIGNED BY: AL-MUSTAFA A. SARAME CHECKED BY: SHIRLEY W. K. LEE	APPROVED BY: J. A. J. J.	REVIEWED BY: ANTONIO A. FERNANDEZ, JR.	APPROVED BY: J. A. J. J.	APPROVED BY: J. A. J. J.	SCALE: S 15
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482	FLYCHORDS
483	FLYING
484	FLYING, 70000
485	FLYING, 70000
486	FLYING, 70000
487	FLYING, 70000

[illegible]



ROOF DECK FLOOR PLAN (WATER & FIRE LINE LAYOUT)

PLUMBING LEGEND

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100.

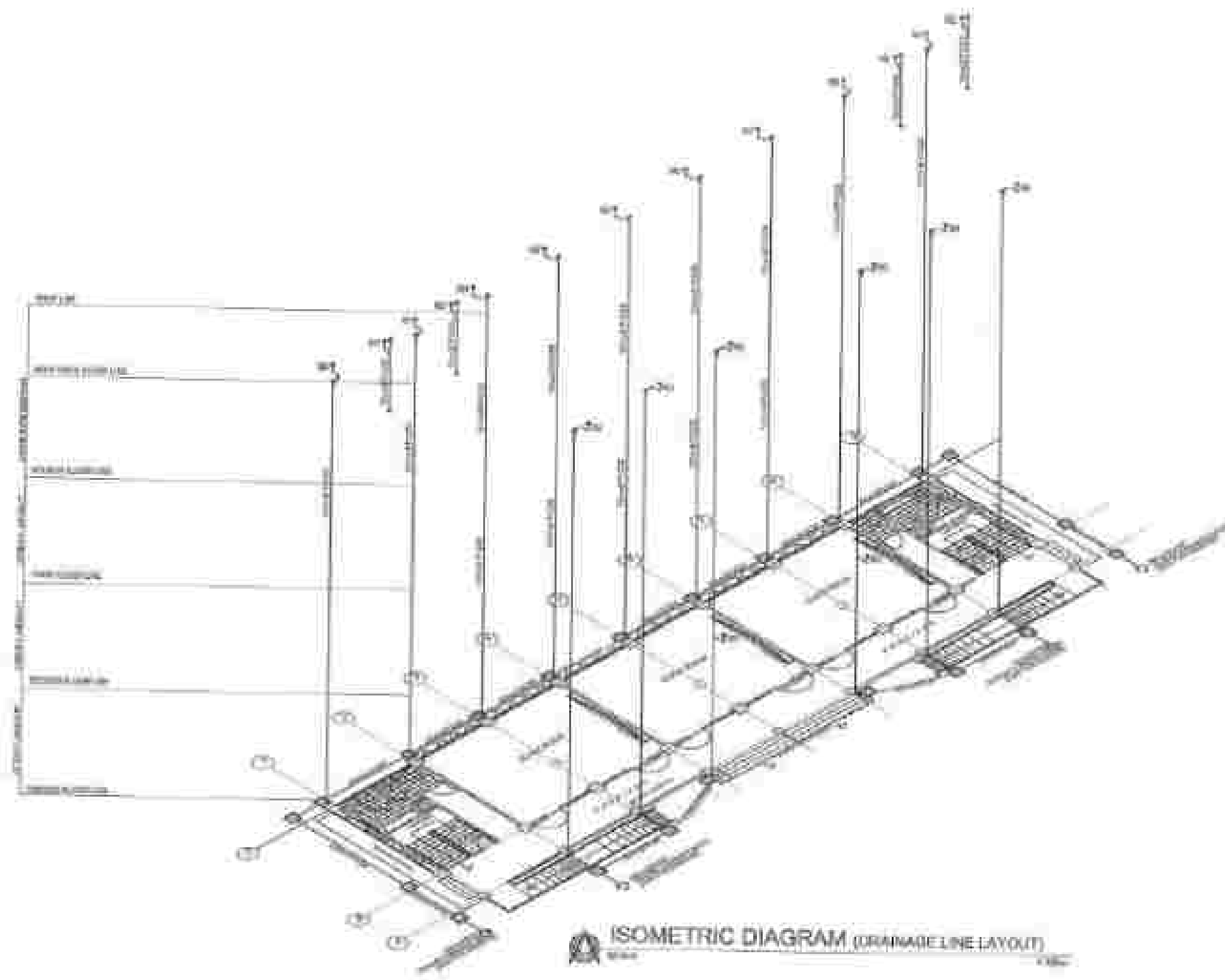
1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100.

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100.

PLUMBING NOTES :

- GRADE OF HORIZONTAL PIPES:
FOR ALL HORIZONTAL PIPES IN PERFECT ALIGNMENT AND AT A UNIFORM GRADE OF NOT LESS THAN 1/8" PER FOOT.
- GRADE IN DIRECTION:
ALL CHANGES IN DIRECTION SHALL BE MADE BY AN APPROPRIATE FITTING AND THE GRADE SHALL BE MAINTAINED THROUGHOUT THE ENTIRE LENGTH OF THE PIPE. NO CHANGES IN GRADE SHALL BE MADE IN THE MIDDLE OF A RUN OF PIPE.
- PROHIBITED FITTINGS:
NO CORNER OR 90° FITTINGS SHALL BE USED ON HORIZONTAL PIPES. ONLY 45° AND 135° FITTINGS SHALL BE USED ON HORIZONTAL PIPES. NO 180° FITTINGS SHALL BE USED ON HORIZONTAL PIPES.
- PIPE CLAMPING:
CLAMPING SHALL BE PROVIDED UNDER THE FOLLOWING CONDITIONS:
A. EVERY CHANGE IN HORIZONTAL DIRECTION EXCEPT THE 90° AND 180° FITTINGS.
B. THE END OF EACH RUN OF PIPE AT THE PROPERTY LINE OR AT THE HOUSE CORNER OR AT THE END OF A RUN OF PIPE.
C. AT EACH END OF ANY HORIZONTAL RUN OF PIPE.
- THE GRADE OF THE TOP OF THE PIPE SHALL BE MAINTAINED.
- NO LESS THAN 3" CLEARANCE SHALL BE LEFT BETWEEN THE TOP OF THE PIPE AND THE UNDER SIDE OF THE VAULT ROOF SLAB.
- ALL PLUMBING WORK SHALL BE DONE BY A LICENSED PLUMBER AND A LICENSED PLUMBING CONTRACTOR.

| | | | | | | | | |
|-------------|---|---|-------------|------------|-------------|-------------|-------------|-------------|
| | PROJECT TITLE | DESIGNER | DESIGNED BY | CHECKED BY | APPROVED BY | APPROVED BY | APPROVED BY | APPROVED BY |
| | CONSTRUCTION OF SCHOOL BUILDING, BRANCAJO
NATIONAL HIGH SCHOOL, BRANCAJO, CANTABLANA CITY
LOCATION: CANTABLANA, CANTABLANA CITY | DESIGNER'S NAME AND ADDRESS
PLUMBING CONTRACTOR, CANTABLANA CITY | | | | | | |
| DATE: _____ | | | | | | | | |

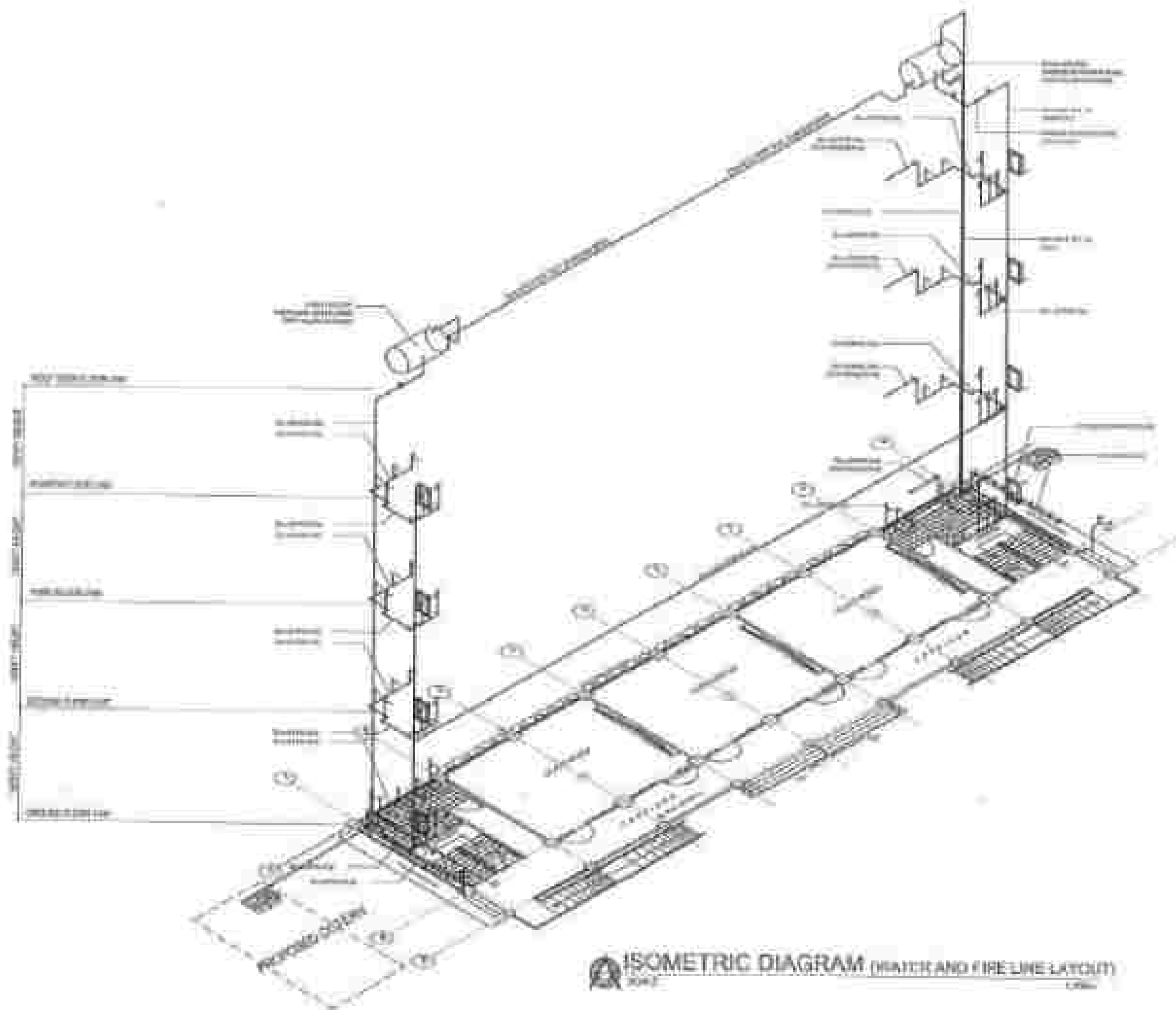


PLUMBING LEGEND:

| | |
|-----|-------------|
| 1 | CEILING FAN |
| 2 | CEILING FAN |
| 3 | CEILING FAN |
| 4 | CEILING FAN |
| 5 | CEILING FAN |
| 6 | CEILING FAN |
| 7 | CEILING FAN |
| 8 | CEILING FAN |
| 9 | CEILING FAN |
| 10 | CEILING FAN |
| 11 | CEILING FAN |
| 12 | CEILING FAN |
| 13 | CEILING FAN |
| 14 | CEILING FAN |
| 15 | CEILING FAN |
| 16 | CEILING FAN |
| 17 | CEILING FAN |
| 18 | CEILING FAN |
| 19 | CEILING FAN |
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ISOMETRIC DIAGRAM (DRAINAGE LINE LAYOUT)

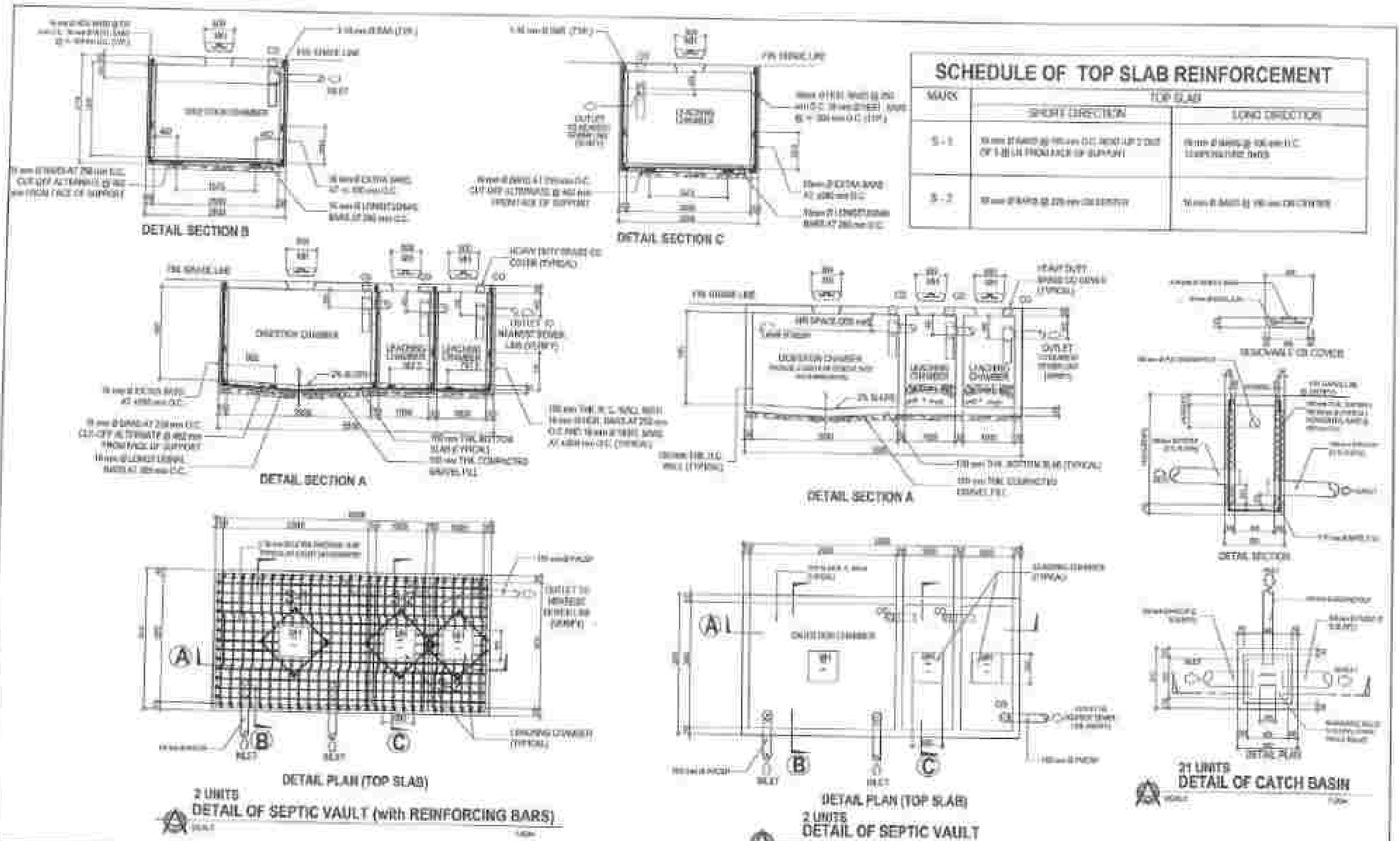
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| <p>DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
NATIONAL CAPITAL REGION OFFICE
MANILA</p> | <p>PROJECT NAME:
CONSTRUCTION OF SCHOOL BUILDING, MARICANAN NATIONAL HIGH SCHOOL, MARICANAN, ZAMBANGIA CITY</p> <p>DESIGNED BY:
JOSEPH M. MARICANAN</p> | <p>DATE:
10/10/2018</p> | <p>PROJECT NO.:</p> | <p>SCALE:</p> | <p>PROJECT LOCATION:</p> | <p>PROJECT STATUS:</p> | <p>PROJECT OWNER:</p> | <p>PROJECT MANAGER:</p> | <p>PROJECT ENGINEER:</p> |
| | <p>PROJECT NO.:</p> | <p>PROJECT STATUS:</p> | <p>PROJECT OWNER:</p> | <p>PROJECT MANAGER:</p> | <p>PROJECT ENGINEER:</p> | <p>PROJECT ARCHITECT:</p> | <p>PROJECT CONSULTANT:</p> | <p>PROJECT REVIEWER:</p> | <p>PROJECT APPROVER:</p> |



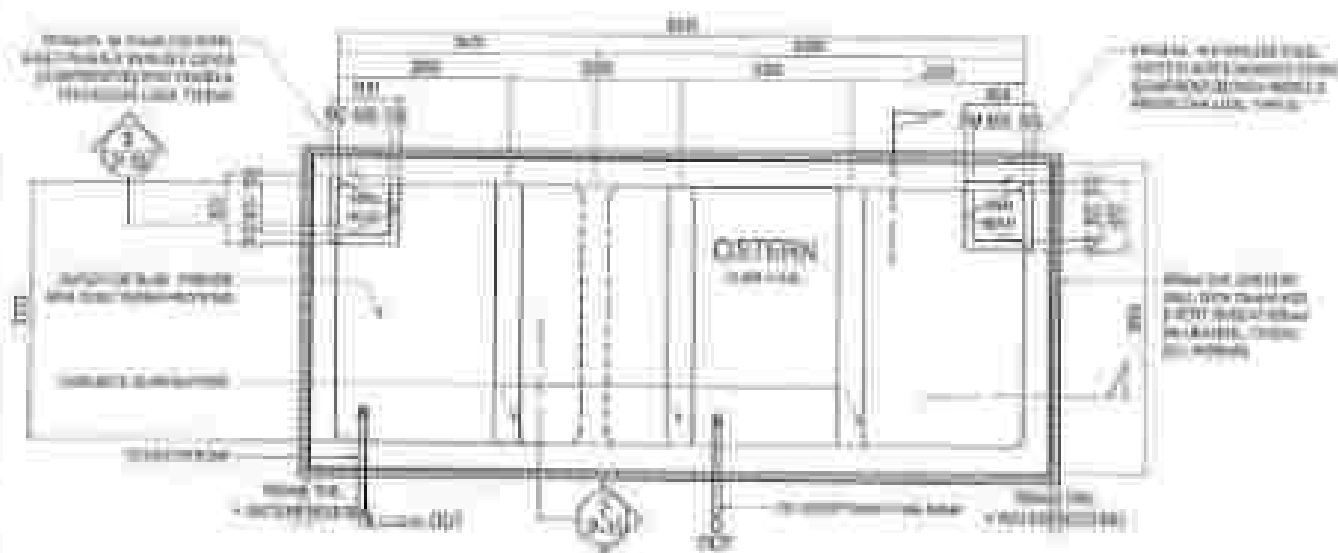
PLUMBING LEGEND:

| | |
|-----|-------------------------|
| 10 | CORNER BRASS |
| 11 | CLEARANCE |
| 12 | CORNER VALVE |
| 13 | SCOURING |
| 14 | FLAT BRASS/FLAT TRANSOM |
| 15 | PREVIEW CORNER |
| 16 | FLAT VALVE |
| 17 | DR. WASTE PIPE |
| 18 | STEAM TRAP |
| 19 | WATER VALVE |
| 20 | WATER VALVE |
| 21 | WATER VALVE |
| 22 | WATER VALVE |
| 23 | WATER VALVE |
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| 99 | WATER VALVE |
| 100 | WATER VALVE |

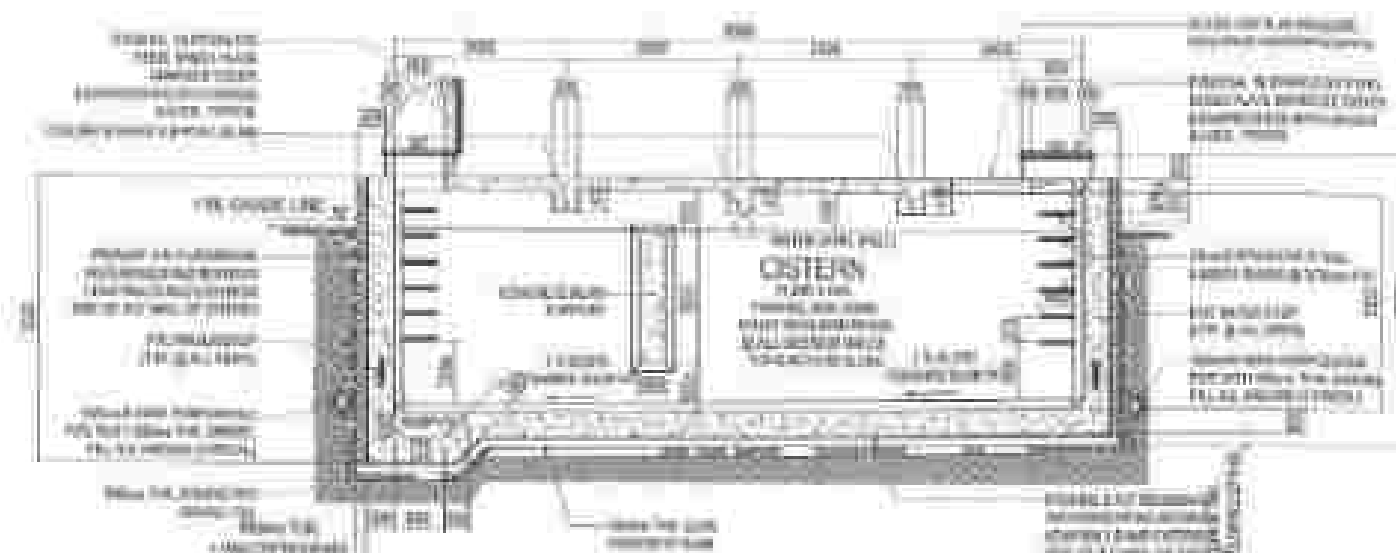
ISOMETRIC DIAGRAM (WATER AND FIRE LINE LAYOUT)



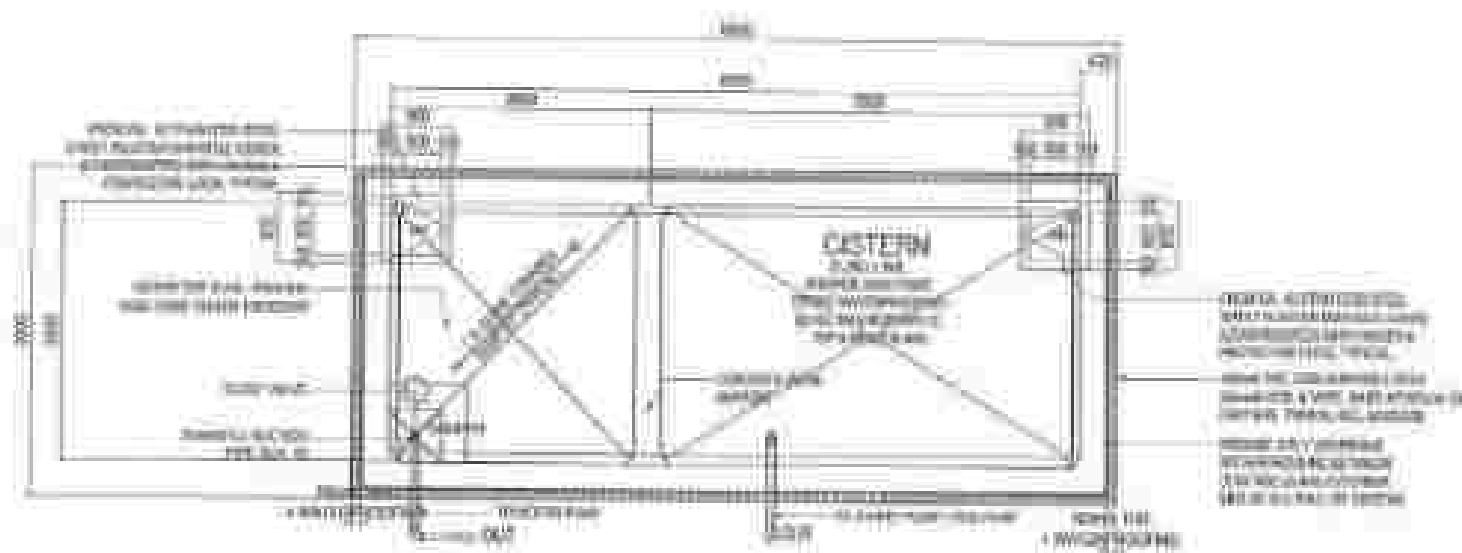
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| | <p>PROJECT: CONSTRUCTION OF SCHOOL BUILDING, BANGKAYAN NATIONAL HIGH SCHOOL, BANGKAYAN, CAVENAG CITY</p> | <p>DESIGNER: JUAN P. SALCEDO</p> | <p>DATE: 10/10/2018</p> | <p>REVISION: 1</p> | <p>APPROVED BY: JUAN P. SALCEDO</p> | <p>APPROVED BY: JUAN P. SALCEDO</p> | <p>APPROVED BY: JUAN P. SALCEDO</p> | <p>P 10</p> |
|--|--|----------------------------------|-------------------------|--------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------|



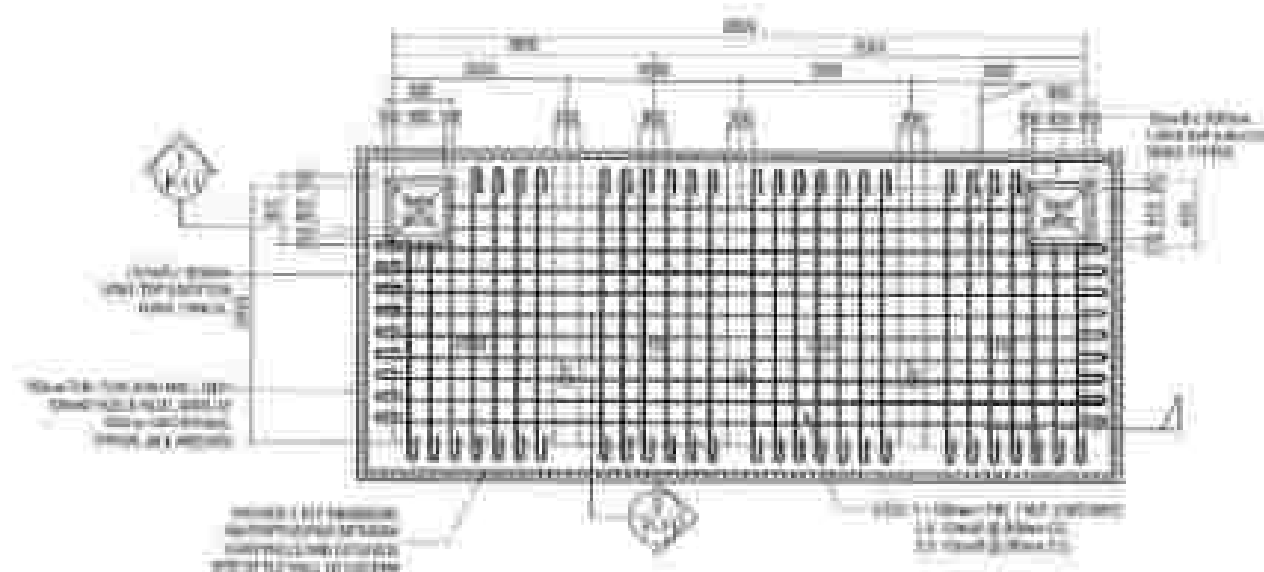
PLAN (TOP VIEW) CISTERN TANK



LONGITUDINAL SECTION OF CISTERN



PLAN (BOTTOM VIEW) CISTERN TANK



PLAN (TOP VIEW) CISTERN TANK

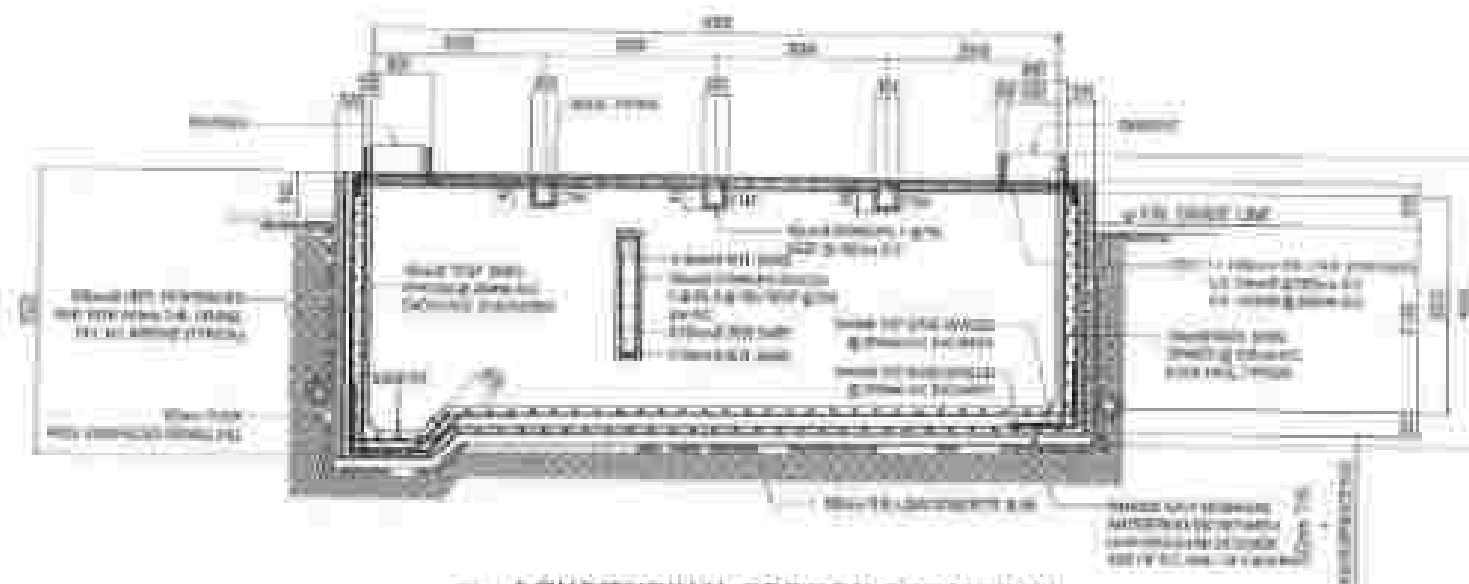
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| | <p>PROJECT TITLE
CONSTRUCTION OF SCHOOL BUILDING, BAGUIO CITY
NATIONAL HIGH SCHOOL, BAGUIO CITY</p> | <p>DESIGNER
JOSE L. DELA CRUZ</p> | <p>DESIGNER

JOSE L. DELA CRUZ</p> | <p>DESIGNED BY

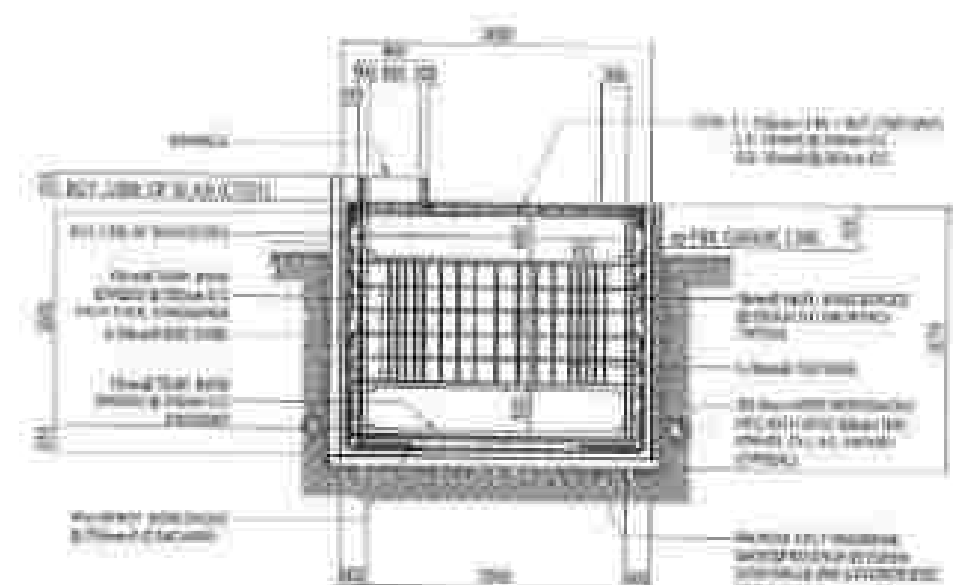
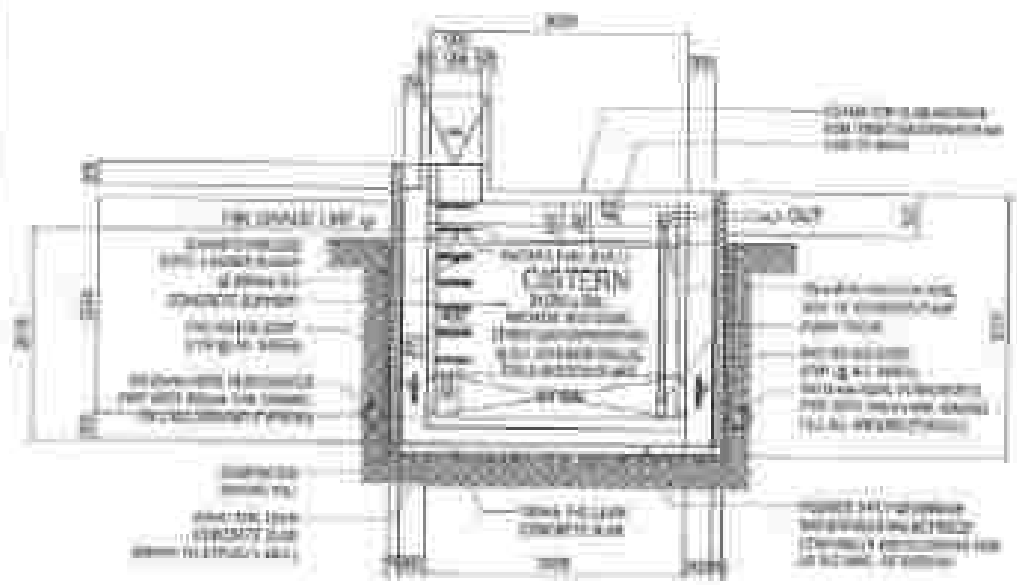
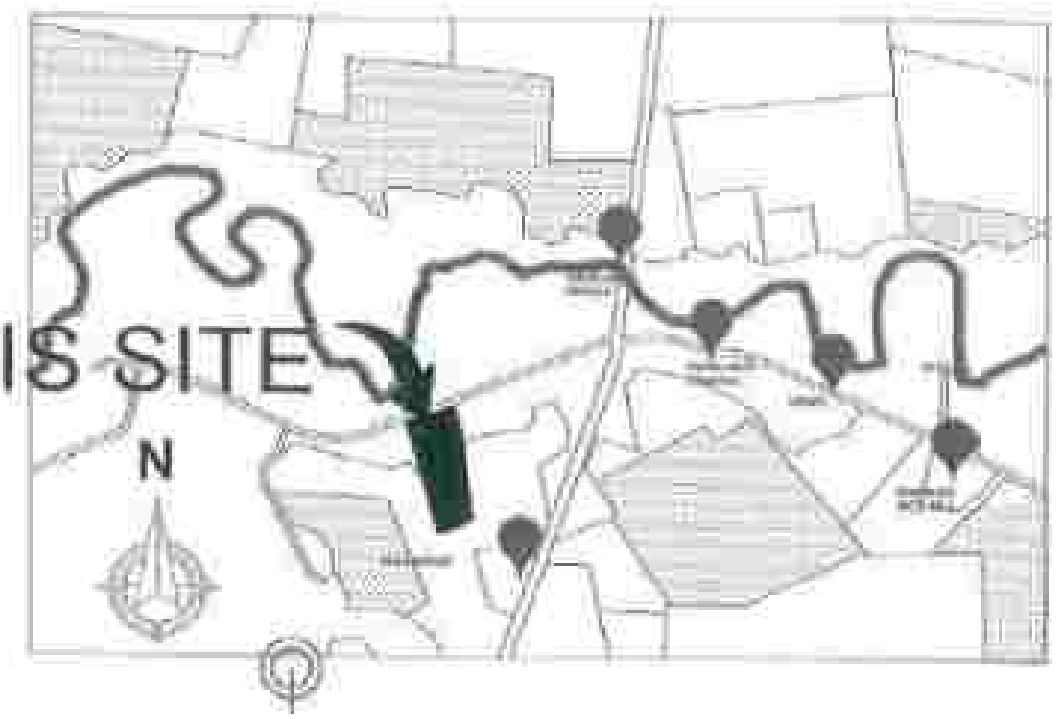
ANTONIO A. DELA CRUZ, JR.</p> | <p>REVIEWED BY

ANTONIO A. DELA CRUZ, JR.</p> | <p>APPROVED BY

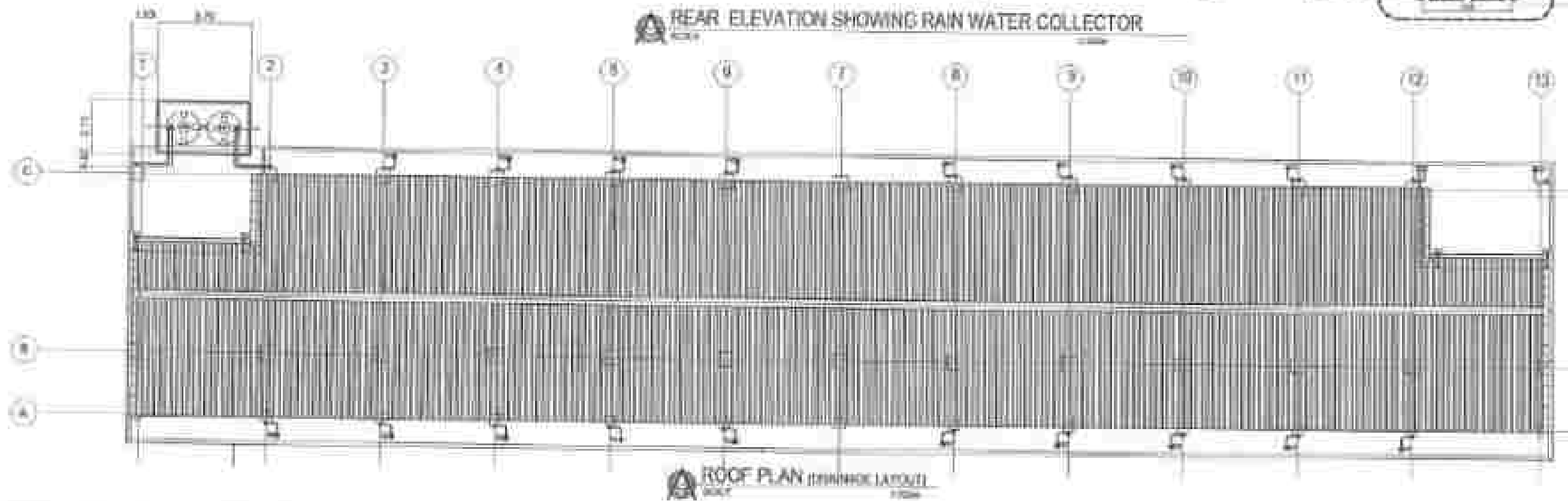
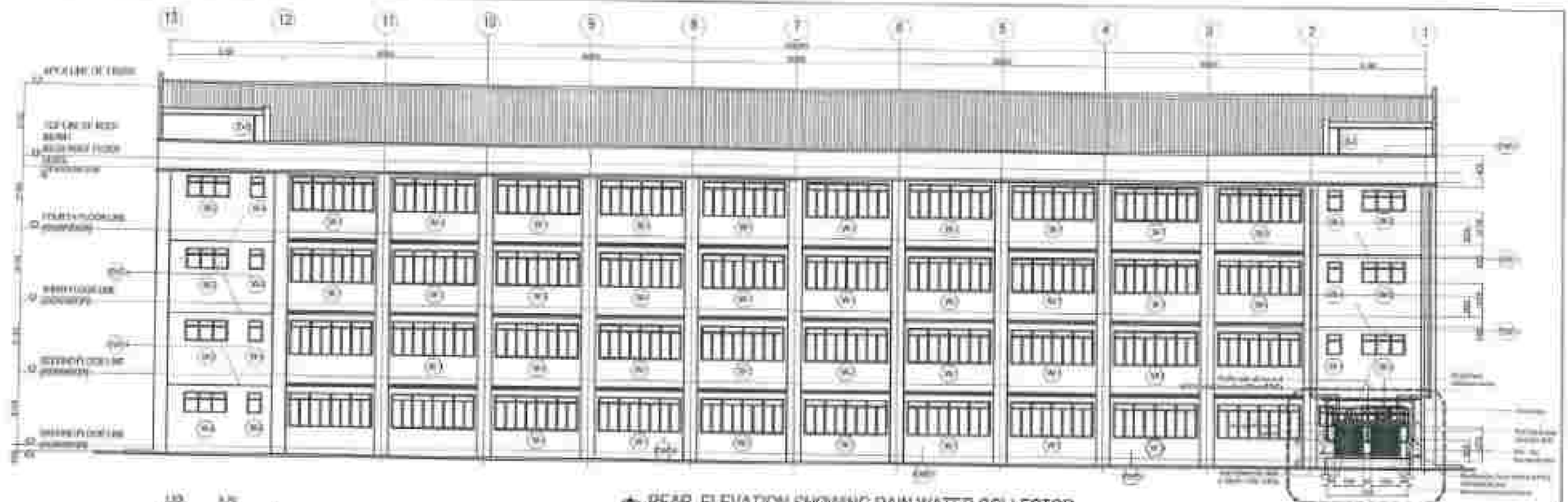
ANTONIO A. DELA CRUZ, JR.</p> | <p>DATE
JANUARY 1, 2011</p> | <p>DETAIL
P
11</p> |
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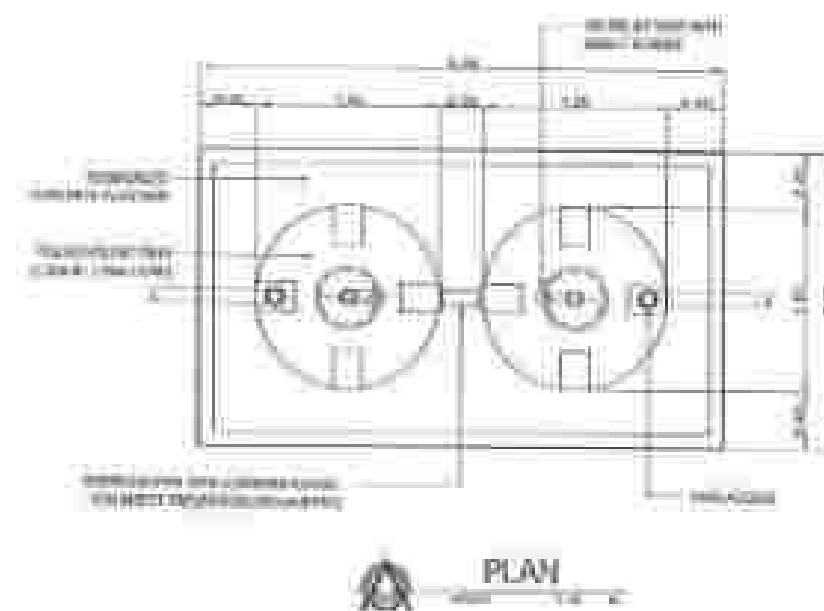
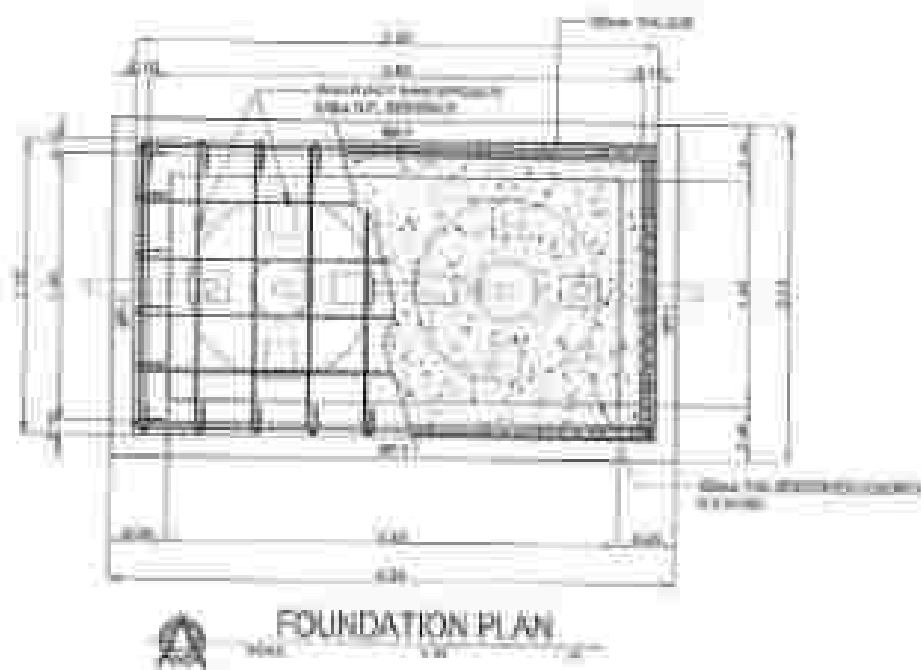
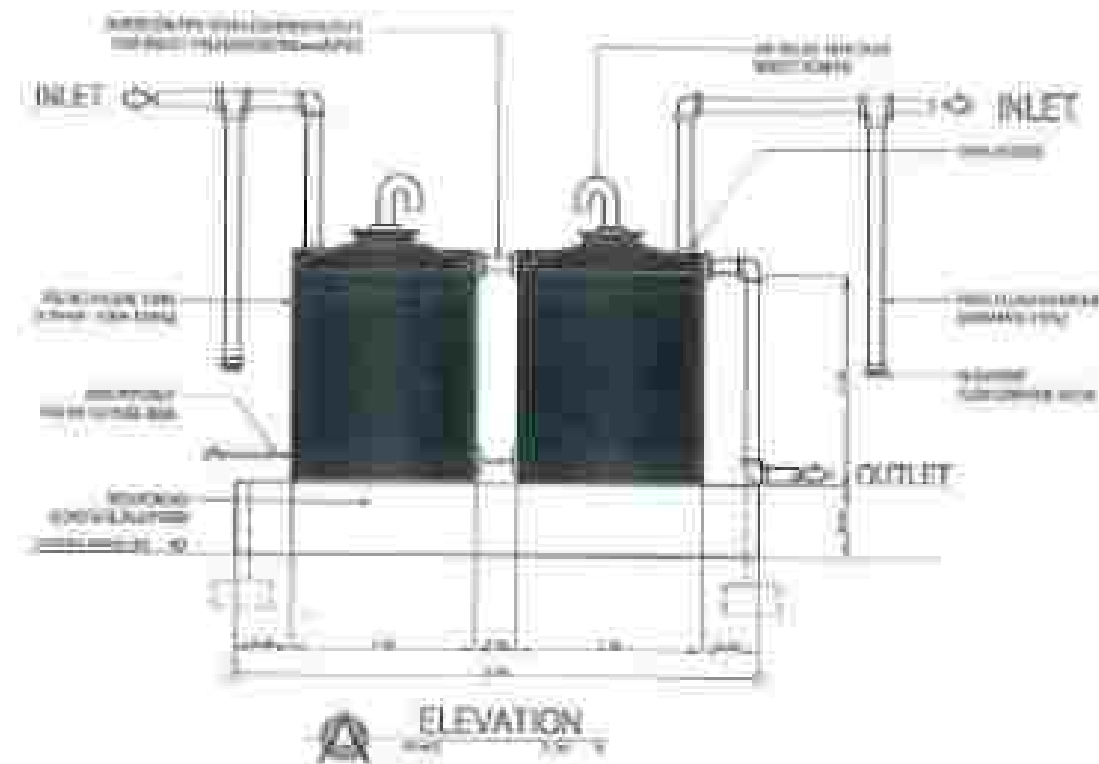
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|--|---|---|--|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|-----------------|
| | <p>DEPARTMENT OF EDUCATION
DIVISION OFFICE - MARIKINA CITY
MARIKINA CITY, CAVENTE</p> | <p>CONSTRUCTION OF SCHOOL WASHING MACHINERY
NATIONAL HIGH SCHOOL, BAYANGAY MARIKINA
CITY, CAVENTE</p> | <p>DESIGNED BY
ENGR. MARIE S. VALENZUELA</p> | <p>APPROVED BY
[Signature]</p> | <p>REVIEWED BY
[Signature]</p> | <p>APPROVED BY
[Signature]</p> | <p>APPROVED BY
[Signature]</p> | <p>APPROVED BY
[Signature]</p> | <p>P
12</p> |
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|---|--|---|---|---|---|---|---|-------------------------|
|  <p>DEPARTMENT OF EDUCATION
DIVISION OFFICE - MARIKINA CITY
MARIKINA CITY, PANGasinan, ILOCOS SUR
MARICAPAS</p> | <p>PROJECT TITLE:
CONSTRUCTION OF SCHOOL BUILDING MARICAPAS
NATIONAL HIGH SCHOOL, MARICAPAS, PANGASINAN CITY</p> | <p>PROJECT ENGINEER:
MARIA ELENA ROSARIO
MARICAPAS CITY</p> | <p>DESIGNER:
MARIA ELENA ROSARIO
MARICAPAS CITY</p> | <p>DESIGNER:
MARIA ELENA ROSARIO
MARICAPAS CITY</p> | <p>DESIGNER:
MARIA ELENA ROSARIO
MARICAPAS CITY</p> | <p>DESIGNER:
MARIA ELENA ROSARIO
MARICAPAS CITY</p> | <p>DESIGNER:
MARIA ELENA ROSARIO
MARICAPAS CITY</p> | <p>REVISIONS:
1</p> |
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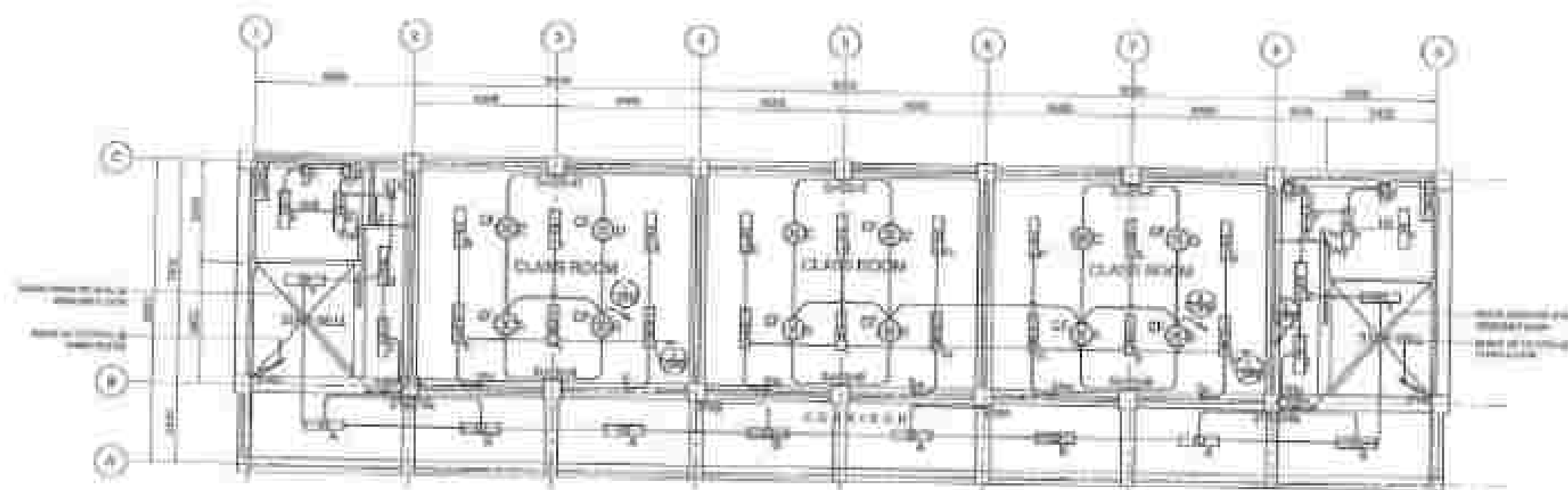
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|  <p>DEPARTMENT OF EDUCATION
DIVISION OFFICE - MARIKINA CITY
MARIKINA CITY, RIZAL</p> | <p>PROJECT TITLE:
CONSTRUCTION OF SCHOOL BUILDING, MARICAN
NATIONAL HIGH SCHOOL, BARANGAY MARICAN,
MARICAN CITY</p> | <p>DATE SUBMITTED:
MARCH 20, 2024</p> | <p>DESIGNED BY:

CHRISTINE A. VILLARDO</p> | <p>CHECKED BY:

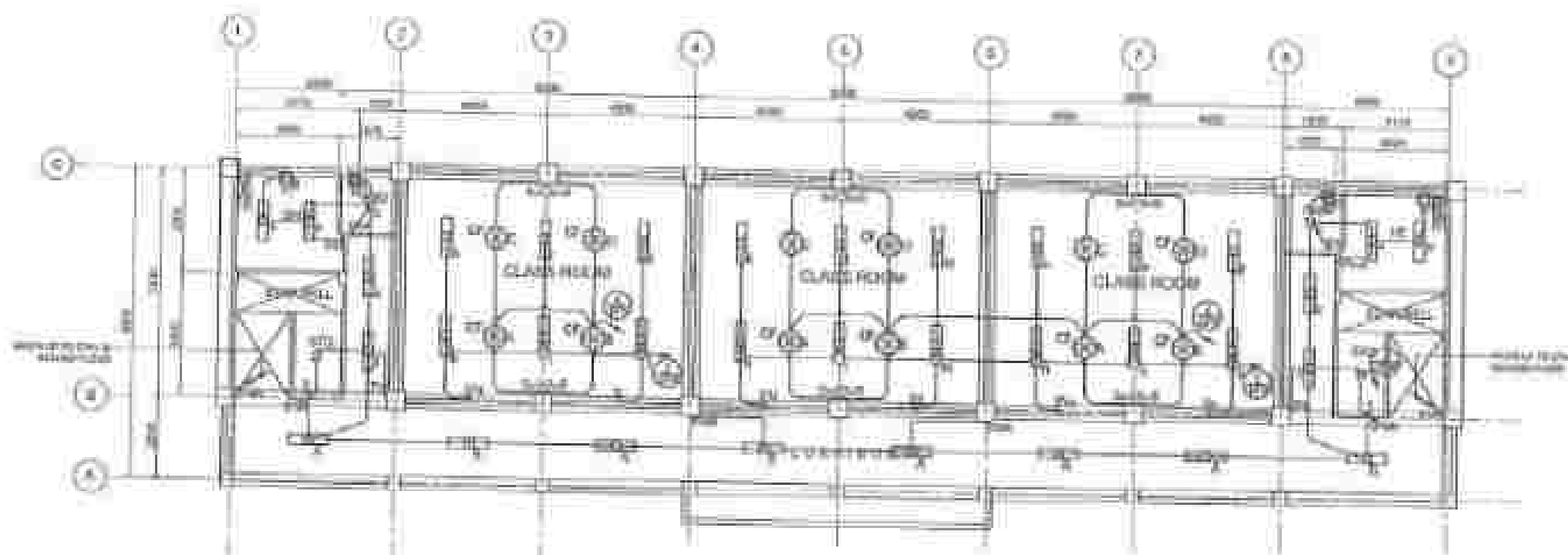
ELIZABETH A. GARCIA</p> | <p>APPROVED BY:

ANTONIO A. DELA CRUZ JR.</p> | <p>REVIEWED BY:

ROBERTO A. DELA CRUZ JR.</p> | <p>DATE:
MARCH 20, 2024</p> | <p>SCALE:
RWCS
2</p> |
|--|--|--|--|---|---|---|--|-------------------------------------|



SECOND FLOOR LIGHTING LAYOUT



GROUND FLOOR LIGHTING LAYOUT

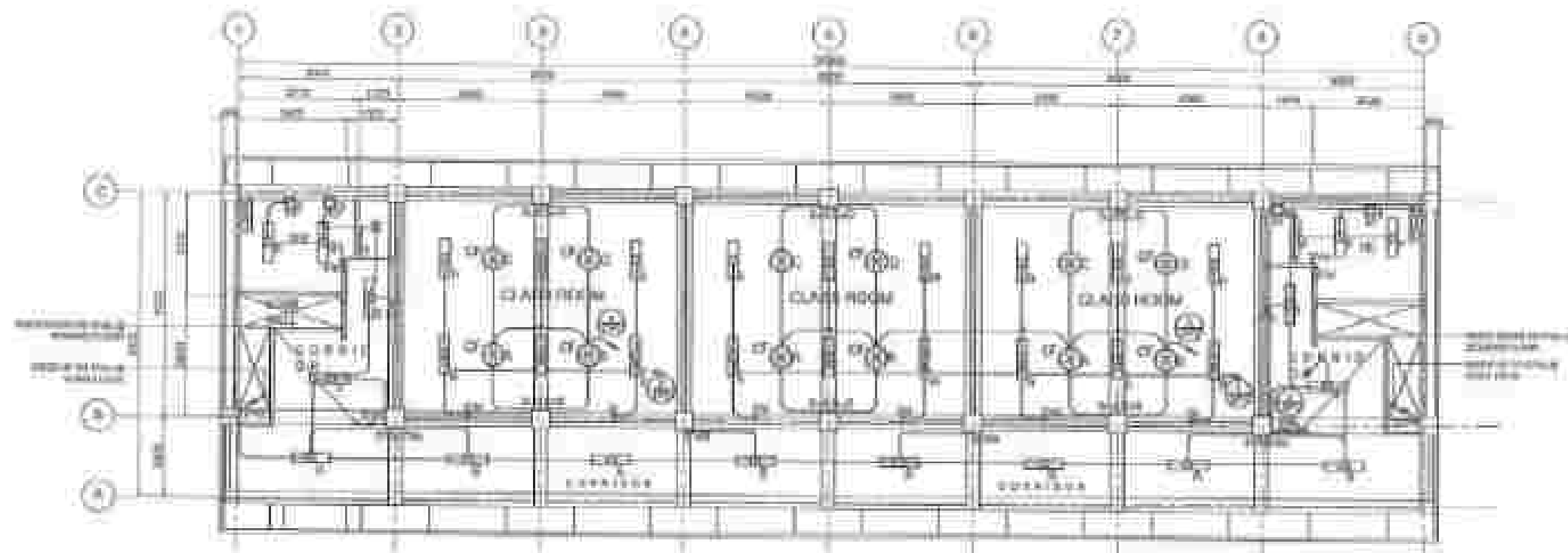
SCHEDULE OF LIGHTING FIXTURES AND LAMPS

| NO. | DESCRIPTION | QTY |
|-----|--------------------------------|-----|
| 1 | Recessed ceiling light fixture | 10 |
| 2 | Recessed ceiling light fixture | 10 |
| 3 | Recessed ceiling light fixture | 10 |
| 4 | Recessed ceiling light fixture | 10 |
| 5 | Recessed ceiling light fixture | 10 |
| 6 | Recessed ceiling light fixture | 10 |
| 7 | Recessed ceiling light fixture | 10 |
| 8 | Recessed ceiling light fixture | 10 |
| 9 | Recessed ceiling light fixture | 10 |
| 10 | Recessed ceiling light fixture | 10 |

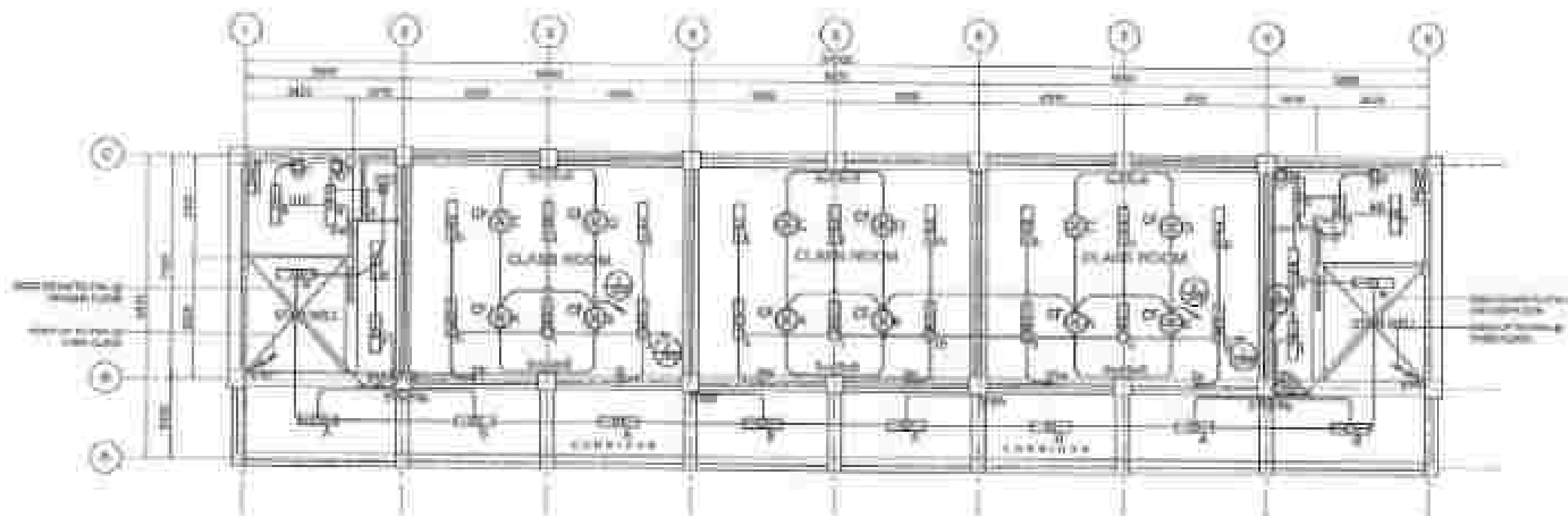
ELECTRICAL SYMBOLS

| | |
|----|--------------------------------|
| 1 | Recessed ceiling light fixture |
| 2 | Recessed ceiling light fixture |
| 3 | Recessed ceiling light fixture |
| 4 | Recessed ceiling light fixture |
| 5 | Recessed ceiling light fixture |
| 6 | Recessed ceiling light fixture |
| 7 | Recessed ceiling light fixture |
| 8 | Recessed ceiling light fixture |
| 9 | Recessed ceiling light fixture |
| 10 | Recessed ceiling light fixture |
| 11 | Recessed ceiling light fixture |
| 12 | Recessed ceiling light fixture |
| 13 | Recessed ceiling light fixture |
| 14 | Recessed ceiling light fixture |
| 15 | Recessed ceiling light fixture |
| 16 | Recessed ceiling light fixture |
| 17 | Recessed ceiling light fixture |
| 18 | Recessed ceiling light fixture |
| 19 | Recessed ceiling light fixture |
| 20 | Recessed ceiling light fixture |

| | | | | | | | | | | | |
|--|---|--------------------------|--|---|---------------------------|--|---------------------------|----------------------|---------------------------|----------------------|---------------------------|
| | PROJECT NAME
CONSTRUCTION OF SCHOOL BUILDING, MARICANAN
NATIONAL HIGH SCHOOL, BARANGAY MARICANAN
MARICANAN CITY | PROJECT NO.
10 | DESIGNED BY
ALBERTO A. VELASCO | CHECKED BY
ANTONIO A. VELASCO | DATE
10/10/2018 | APPROVED BY
ANTONIO A. VELASCO | DATE
10/10/2018 | REVISION
1 | DATE
10/10/2018 | REVISION
1 | DATE
10/10/2018 |
| | LOCATION
MARICANAN, MARICANAN CITY | PROJECT NO.
10 | DESIGNED BY
ALBERTO A. VELASCO | CHECKED BY
ANTONIO A. VELASCO | DATE
10/10/2018 | APPROVED BY
ANTONIO A. VELASCO | DATE
10/10/2018 | REVISION
1 | DATE
10/10/2018 | REVISION
1 | DATE
10/10/2018 |



FOURTH FLOOR LIGHTING LAYOUT



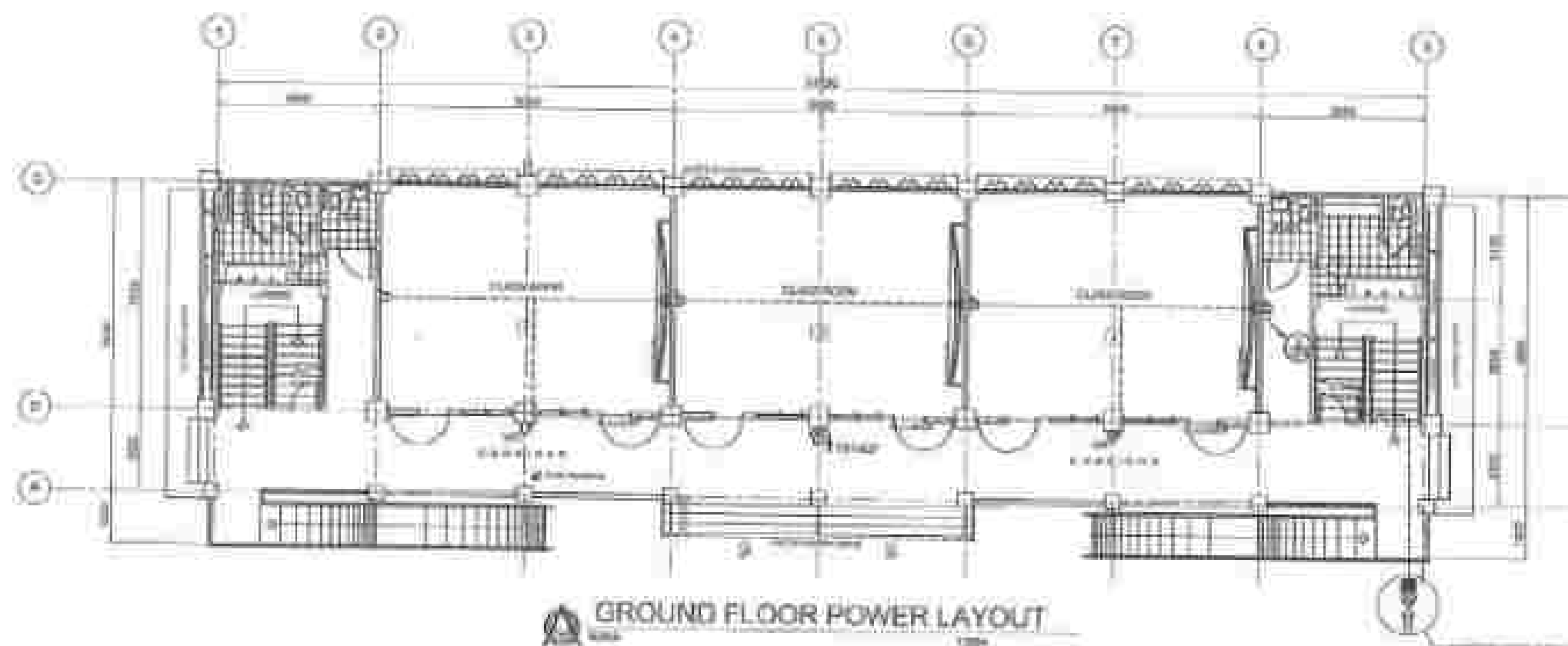
THIRD FLOOR LIGHTING LAYOUT

SCHEDULE OF LIGHTING FIXTURES AND LAMPS

| NO. | DESCRIPTION | QUANTITY | REMARKS |
|-----|---------------------------|----------|---------|
| 1 | FLUORESCENT LIGHT FIXTURE | 100 | |
| 2 | FLUORESCENT LAMP | 100 | |
| 3 | FLUORESCENT BALLAST | 100 | |
| 4 | FLUORESCENT WIRE | 100 | |
| 5 | FLUORESCENT WIRE | 100 | |
| 6 | FLUORESCENT WIRE | 100 | |
| 7 | FLUORESCENT WIRE | 100 | |
| 8 | FLUORESCENT WIRE | 100 | |
| 9 | FLUORESCENT WIRE | 100 | |
| 10 | FLUORESCENT WIRE | 100 | |

ELECTRICAL SYMBOLS

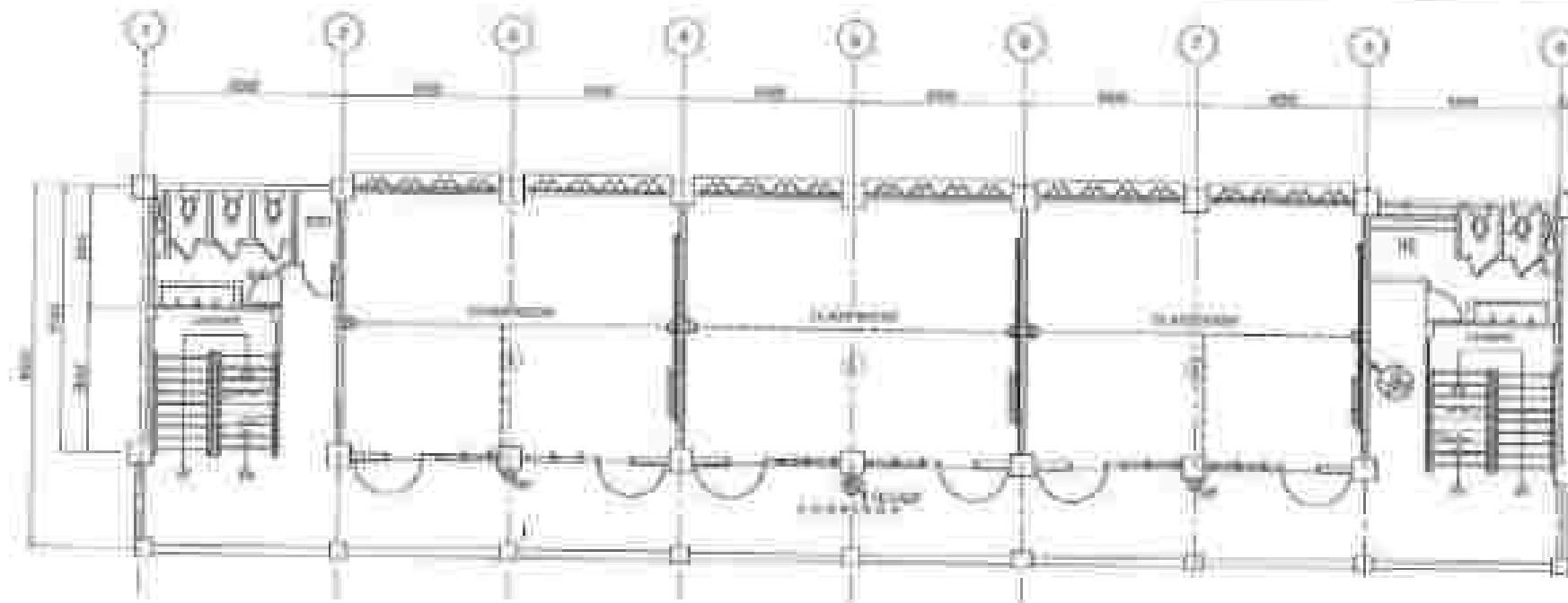
| | | | |
|---------------------------|------------------|---------------------|------------------|
| FLUORESCENT LIGHT FIXTURE | FLUORESCENT LAMP | FLUORESCENT BALLAST | FLUORESCENT WIRE |
| FLUORESCENT LIGHT FIXTURE | FLUORESCENT LAMP | FLUORESCENT BALLAST | FLUORESCENT WIRE |
| FLUORESCENT LIGHT FIXTURE | FLUORESCENT LAMP | FLUORESCENT BALLAST | FLUORESCENT WIRE |
| FLUORESCENT LIGHT FIXTURE | FLUORESCENT LAMP | FLUORESCENT BALLAST | FLUORESCENT WIRE |
| FLUORESCENT LIGHT FIXTURE | FLUORESCENT LAMP | FLUORESCENT BALLAST | FLUORESCENT WIRE |
| FLUORESCENT LIGHT FIXTURE | FLUORESCENT LAMP | FLUORESCENT BALLAST | FLUORESCENT WIRE |
| FLUORESCENT LIGHT FIXTURE | FLUORESCENT LAMP | FLUORESCENT BALLAST | FLUORESCENT WIRE |
| FLUORESCENT LIGHT FIXTURE | FLUORESCENT LAMP | FLUORESCENT BALLAST | FLUORESCENT WIRE |
| FLUORESCENT LIGHT FIXTURE | FLUORESCENT LAMP | FLUORESCENT BALLAST | FLUORESCENT WIRE |
| FLUORESCENT LIGHT FIXTURE | FLUORESCENT LAMP | FLUORESCENT BALLAST | FLUORESCENT WIRE |



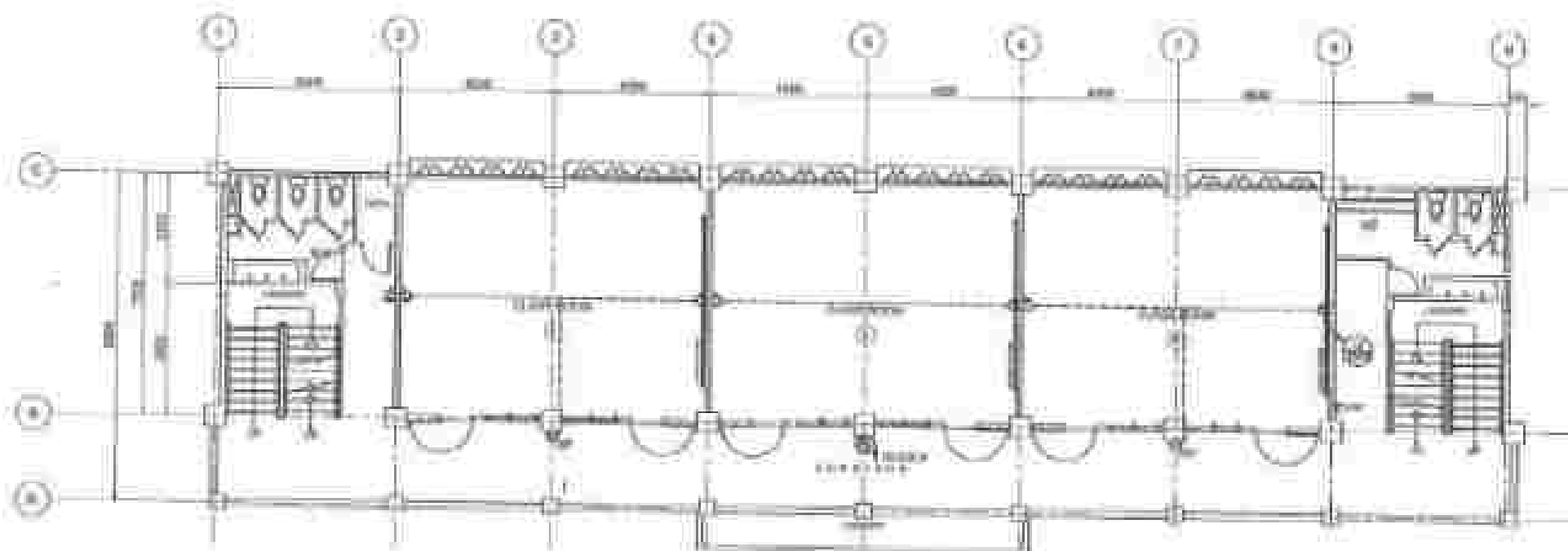
| NO. | DESCRIPTION | WATTAGE | TYPE |
|-----|------------------------|---------|------|
| 1 | General illumination | | |
| 2 | Task illumination | | |
| 3 | Accent illumination | | |
| 4 | Emergency illumination | | |
| 5 | Exit illumination | | |
| 6 | Security illumination | | |
| 7 | Other | | |

ELECTRICAL SYMBOLS

[illegible]



THIRD FLOOR POWER LAYOUT



SECOND FLOOR POWER LAYOUT

SCHEDULE OF LIGHTING FIXTURES AND LAMPS

| NO. | DESCRIPTION | QTY |
|-----|--|-----|
| 1 | 4' x 4' RECESSED FLUORESCENT LIGHT FIXTURE | 10 |
| 2 | 4' x 4' RECESSED FLUORESCENT LIGHT FIXTURE | 10 |
| 3 | 4' x 4' RECESSED FLUORESCENT LIGHT FIXTURE | 10 |
| 4 | 4' x 4' RECESSED FLUORESCENT LIGHT FIXTURE | 10 |
| 5 | 4' x 4' RECESSED FLUORESCENT LIGHT FIXTURE | 10 |
| 6 | 4' x 4' RECESSED FLUORESCENT LIGHT FIXTURE | 10 |
| 7 | 4' x 4' RECESSED FLUORESCENT LIGHT FIXTURE | 10 |
| 8 | 4' x 4' RECESSED FLUORESCENT LIGHT FIXTURE | 10 |
| 9 | 4' x 4' RECESSED FLUORESCENT LIGHT FIXTURE | 10 |
| 10 | 4' x 4' RECESSED FLUORESCENT LIGHT FIXTURE | 10 |

ELECTRICAL SYMBOLS

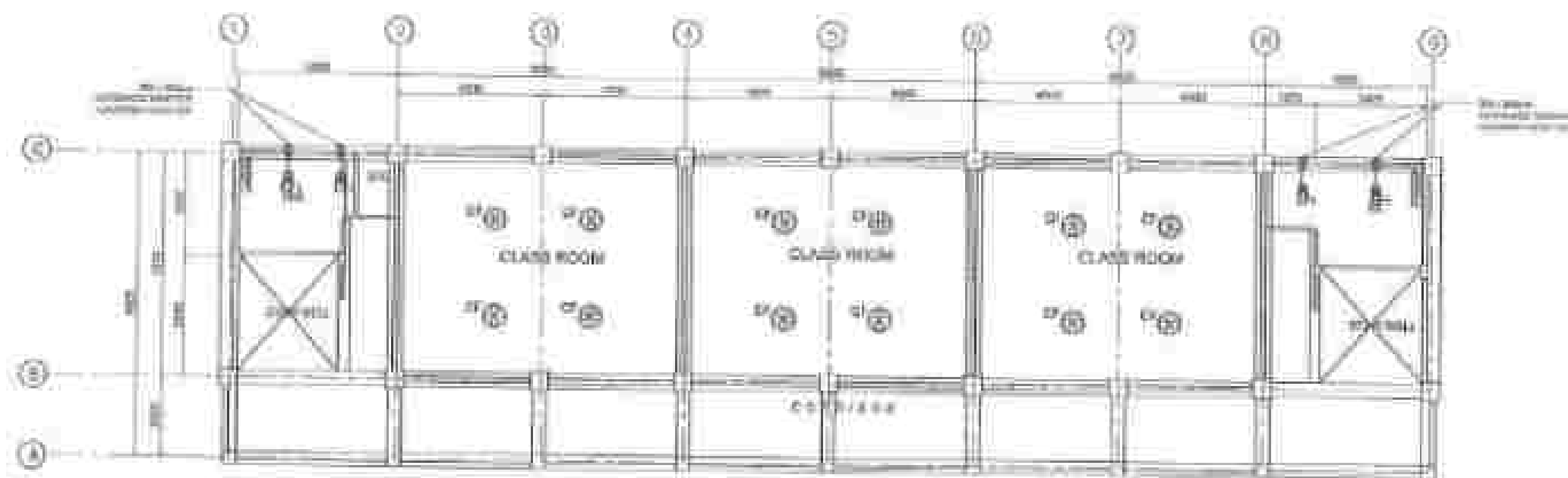
| | |
|----|--|
| 1 | 4' x 4' RECESSED FLUORESCENT LIGHT FIXTURE |
| 2 | 4' x 4' RECESSED FLUORESCENT LIGHT FIXTURE |
| 3 | 4' x 4' RECESSED FLUORESCENT LIGHT FIXTURE |
| 4 | 4' x 4' RECESSED FLUORESCENT LIGHT FIXTURE |
| 5 | 4' x 4' RECESSED FLUORESCENT LIGHT FIXTURE |
| 6 | 4' x 4' RECESSED FLUORESCENT LIGHT FIXTURE |
| 7 | 4' x 4' RECESSED FLUORESCENT LIGHT FIXTURE |
| 8 | 4' x 4' RECESSED FLUORESCENT LIGHT FIXTURE |
| 9 | 4' x 4' RECESSED FLUORESCENT LIGHT FIXTURE |
| 10 | 4' x 4' RECESSED FLUORESCENT LIGHT FIXTURE |
| 11 | 4' x 4' RECESSED FLUORESCENT LIGHT FIXTURE |
| 12 | 4' x 4' RECESSED FLUORESCENT LIGHT FIXTURE |
| 13 | 4' x 4' RECESSED FLUORESCENT LIGHT FIXTURE |
| 14 | 4' x 4' RECESSED FLUORESCENT LIGHT FIXTURE |
| 15 | 4' x 4' RECESSED FLUORESCENT LIGHT FIXTURE |
| 16 | 4' x 4' RECESSED FLUORESCENT LIGHT FIXTURE |
| 17 | 4' x 4' RECESSED FLUORESCENT LIGHT FIXTURE |
| 18 | 4' x 4' RECESSED FLUORESCENT LIGHT FIXTURE |
| 19 | 4' x 4' RECESSED FLUORESCENT LIGHT FIXTURE |
| 20 | 4' x 4' RECESSED FLUORESCENT LIGHT FIXTURE |

| | | | | | | | | | |
|--|--|--|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| | PROJECT TITLE
CONSTRUCTION OF SCHOOL BUILDING MARICORAN NATIONAL HIGH SCHOOL, MARICORAN MARICORAN CITY | PROJECT LOCATION
MARICORAN MARICORAN CITY | PROJECT NO.
10 | PROJECT NO.
10 | PROJECT NO.
10 | PROJECT NO.
10 | PROJECT NO.
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10 | PROJECT NO.
10 |

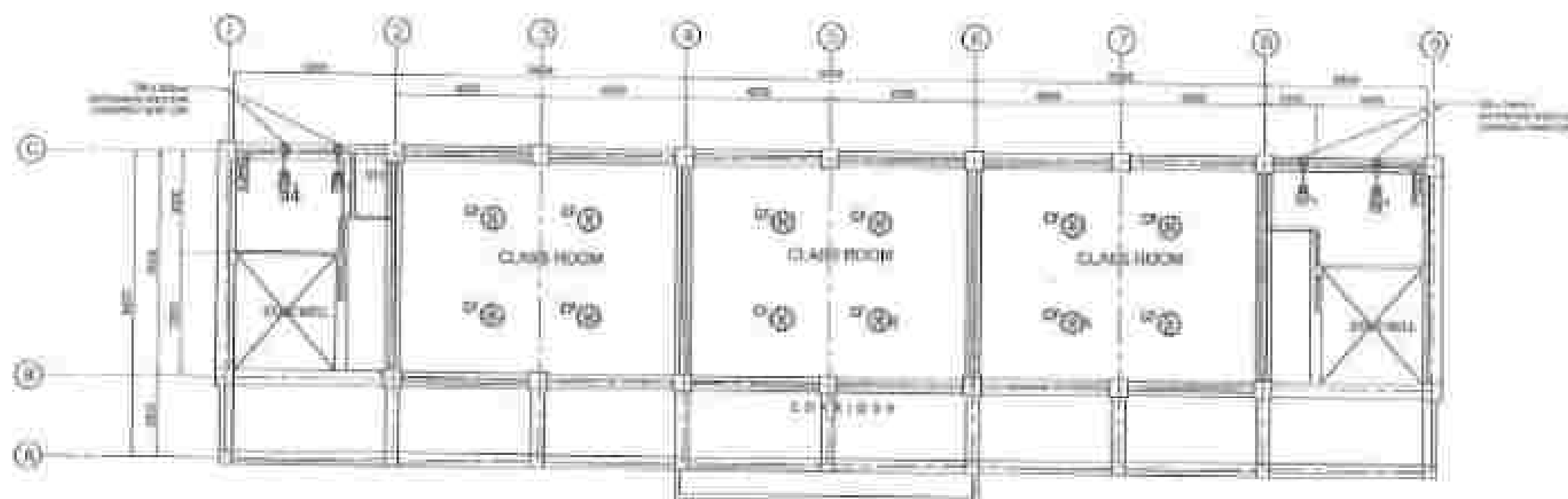


ELECTRICAL SYMBOLS

| | |
|--|---------------------|
| | RESISTOR |
| | VARIABLE RESISTOR |
| | CAPACITOR |
| | POLARIZED CAPACITOR |
| | INDUCTOR |
| | VARIABLE INDUCTOR |
| | TRANSFORMER |
| | AUTOTRANSFORMER |
| | DIODE |
| | ZENER DIODE |
| | TRIODE |
| | VACUUM TUBE |
| | LIGHT BULB |
| | MOTOR |
| | SPEAKER |
| | ANTENNA |
| | GROUND |
| | POWER SUPPLY |
| | BATTERY |
| | FUSES |
| | SWITCH |
| | RELAY |
| | CIRCUIT BOARD |
| | WIRING HARNESS |
| | TERMINAL BLOCK |
| | JUNCTION BOX |
| | CONTROL PANEL |
| | POWER SWITCH |
| | LIGHT SWITCH |
| | DOORBELL |
| | ALARM |
| | SIREN |
| | HORN |
| | SPEAKER |
| | ANTENNA |
| | GROUND |
| | POWER SUPPLY |
| | BATTERY |
| | FUSES |
| | SWITCH |
| | RELAY |
| | CIRCUIT BOARD |
| | WIRING HARNESS |
| | TERMINAL BLOCK |
| | JUNCTION BOX |
| | CONTROL PANEL |
| | POWER SWITCH |
| | LIGHT SWITCH |
| | DOORBELL |
| | ALARM |
| | SIREN |
| | HORN |
| | SPEAKER |
| | ANTENNA |
| | GROUND |
| | POWER SUPPLY |
| | BATTERY |
| | FUSES |
| | SWITCH |
| | RELAY |
| | CIRCUIT BOARD |
| | WIRING HARNESS |
| | TERMINAL BLOCK |
| | JUNCTION BOX |
| | CONTROL PANEL |
| | POWER SWITCH |
| | LIGHT SWITCH |
| | DOORBELL |
| | ALARM |
| | SIREN |
| | HORN |
| | SPEAKER |
| | ANTENNA |
| | GROUND |
| | POWER SUPPLY |
| | BATTERY |
| | FUSES |
| | SWITCH |
| | RELAY |
| | CIRCUIT BOARD |
| | WIRING HARNESS |
| | TERMINAL BLOCK |
| | JUNCTION BOX |
| | CONTROL PANEL |
| | POWER SWITCH |
| | LIGHT SWITCH |
| | DOORBELL |
| | ALARM |
| | SIREN |
| | HORN |
| | SPEAKER |
| | ANTENNA |
| | GROUND |
| | POWER SUPPLY |
| | BATTERY |
| | FUSES |
| | SWITCH |
| | RELAY |
| | CIRCUIT BOARD |
| | WIRING HARNESS |
| | TERMINAL BLOCK |
| | JUNCTION BOX |
| | CONTROL PANEL |
| | POWER SWITCH |
| | LIGHT SWITCH |
| | DOORBELL |
| | ALARM |
| | SIREN |
| | HORN |
| | SPEAKER |
| | ANTENNA |
| | GROUND |

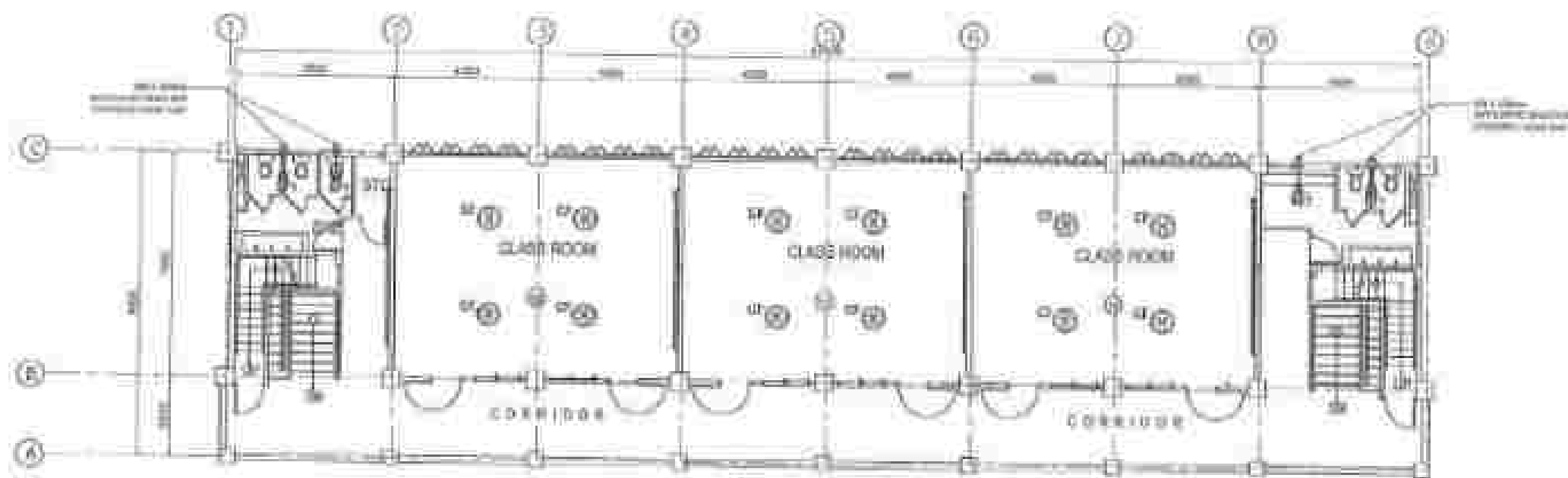


SECOND FLOOR PLAN VENTILATION & CEILING FAN LAYOUT

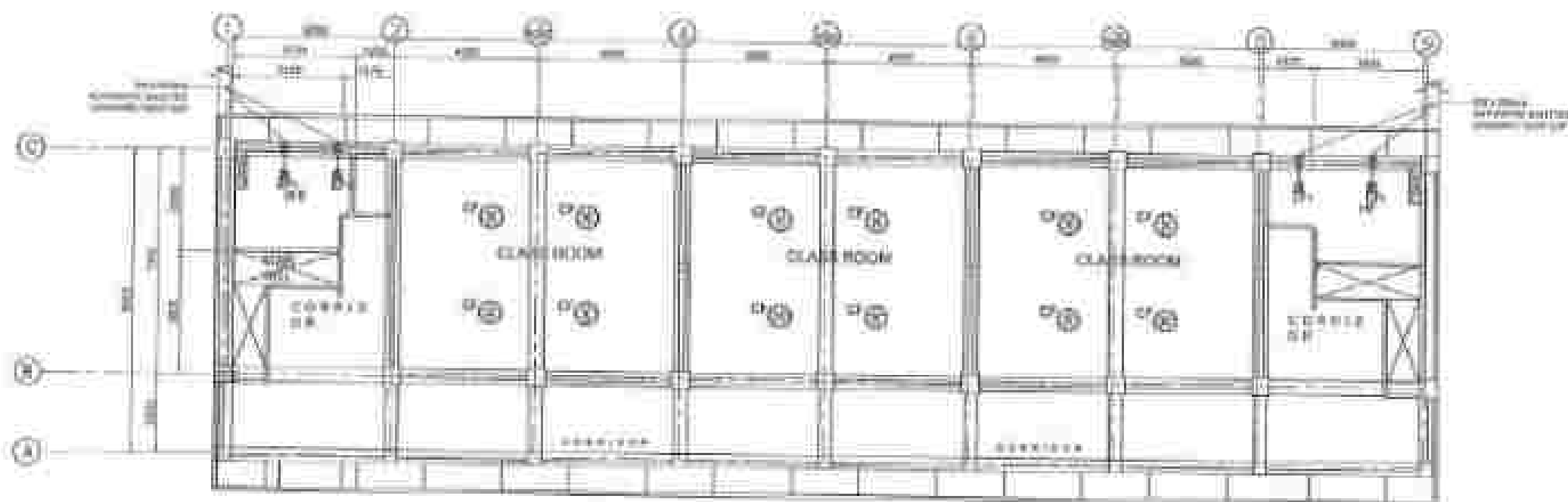


GROUND FLOOR PLAN VENTILATION & CEILING FAN LAYOUT

| | | | | | | | | |
|--|---|--|--|---|---|--|------------------------------------|---------------------------------|
|  <p>DEPARTMENT OF EDUCATION
DIVISION OFFICE - MARIKINA CITY
MARIKINA CITY, RIZAL</p> | <p>PROJECT TITLE:
CONSTRUCTION OF SCHOOL BUILDING, MARICANUM NATIONAL HIGH SCHOOL, BANGGAY MARICANUM, MARICANUM CITY</p> | <p>SPECIAL DRAWING:
PLAN AND ELEVATION LAYOUT</p> | <p>DESIGNED BY:
AL-AMRAN A. SARAG</p> | <p>CHECKED BY:
AL-AMRAN A. SARAG</p> | <p>APPROVED BY:
ANTONIO C. SANCHEZ JR.</p> | <p>REVIEWED BY:
AL-AMRAN A. SARAG</p> | <p>DATE:
2023-08-01</p> | <p>SHEET NO.
M 1</p> |
|--|---|--|--|---|---|--|------------------------------------|---------------------------------|



THIRD FLOOR PLAN VENTILATION & COOLING FAN LAYOUT



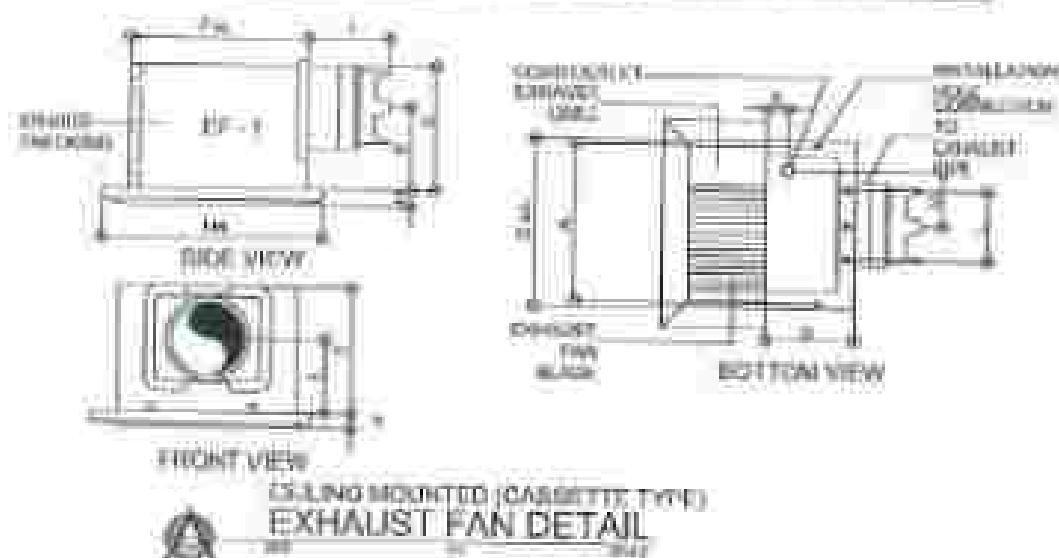
FOURTH FLOOR PLAN VENTILATION & COOLING FAN LAYOUT

| | | | | | | | | |
|---|--|--|--|---|---|---|---|---------------------------|
|  <p>DEPARTMENT OF EDUCATION
DIVISION OFFICE - MARIKINA CITY
MARIKINA CITY, CAVENTE
MARIKINA CITY, CAVENTE</p> | <p>PROJECT TITLE:
CONSTRUCTION OF SCHOOL BUILDING W/ AIR-CONDITIONED CLASSROOMS
NATIONAL HIGH SCHOOL, MARANGAY MARANGAY,
MARANGAY CITY</p> | <p>PROJECT LOCATION:
MARANGAY CITY, CAVENTE
MARANGAY CITY, CAVENTE</p> | <p>DESIGNED BY:
ALVIN R. LEE
CHECKED BY:
ALVIN R. LEE
DATE: 10/10/2019</p> | <p>APPROVED BY:
ALVIN R. LEE
DATE: 10/10/2019</p> | <p>REVIEWED BY:
ALVIN R. LEE
DATE: 10/10/2019</p> | <p>RECOMMENDING OFFICIAL:
ALVIN R. LEE
DATE: 10/10/2019</p> | <p>APPROVED BY:
ALVIN R. LEE
DATE: 10/10/2019</p> | <p>SCALE:
M
2</p> |
|---|--|--|--|---|---|---|---|---------------------------|

GENERAL NOTES:

1. CONTRACTOR IS ADVISED TO VISIT AND SURVEY THE PLACE OF INSTALLATION.
2. ALL AIR CONDITIONING UNITS AND VENTILATING UNITS TO BE SUPPLIED SHALL BE NEW AND APPROVED PRODUCTS OF REPUTABLE MANUFACTURERS.
3. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE CLOSELY HIS WORK WITH THE OTHER TRADES CONCERNED.
4. ALL NECESSARY GOVERNMENT PERMIT SHALL BE SECURED AND FOR ACCOUNT OF THE CONTRACTOR.
5. AS-BUILT PLANS SHALL BE PROVIDED BY THIS CONTRACTOR AFTER COMPLETION OF WORKS.
6. ALL INSTALLATION WORKS SHALL BE DONE IN A NEAT AND WORK-MAN-LIKE MANNER.

| DESIGNATION | ON | B | C | D | E | F | G | H | I | J | K | L | M |
|-------------|-----|-----|-----|-----|-----|-----|-----|----|-----|-----|----|-----|----|
| EF1 | 354 | 126 | 140 | 200 | 135 | 230 | 268 | 13 | 300 | 108 | 13 | 108 | 13 |



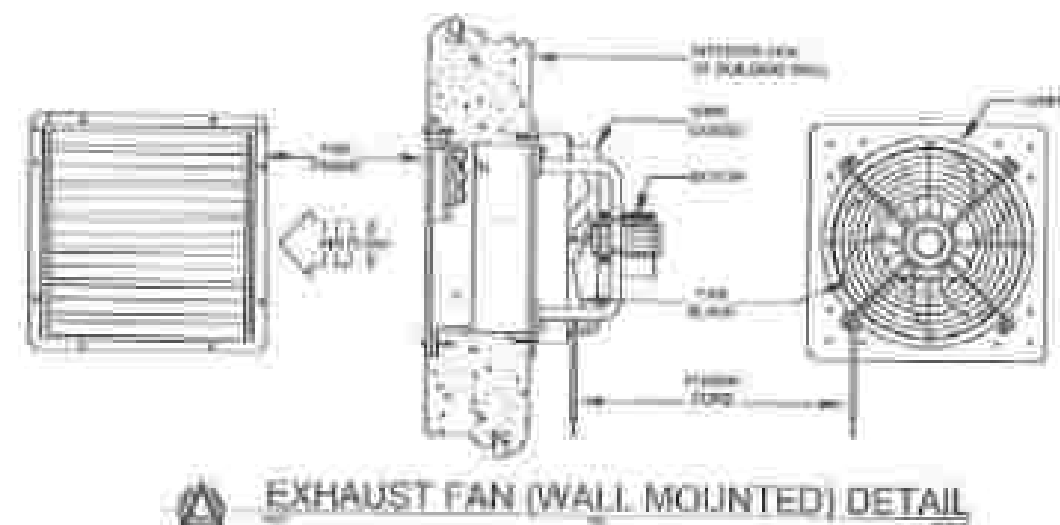
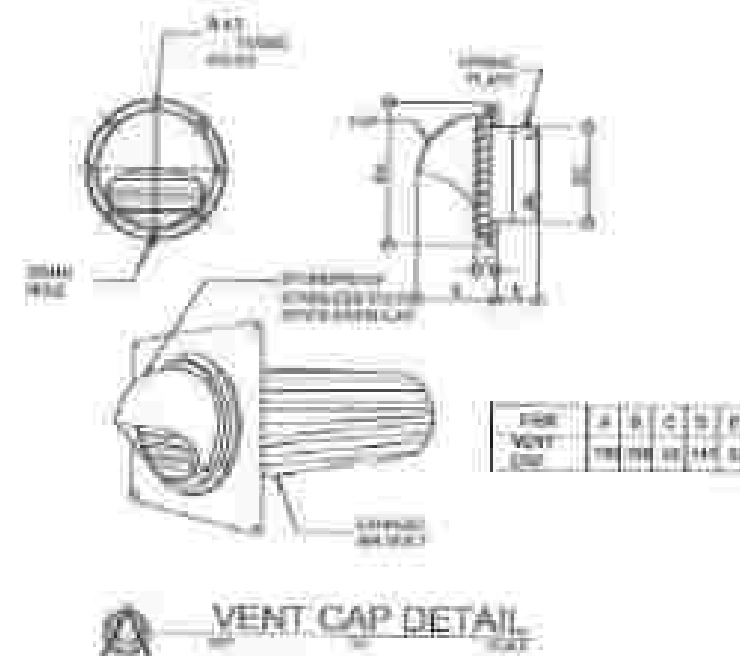
SCHEDULE OF EQUIPMENT

EXHAUST FAN

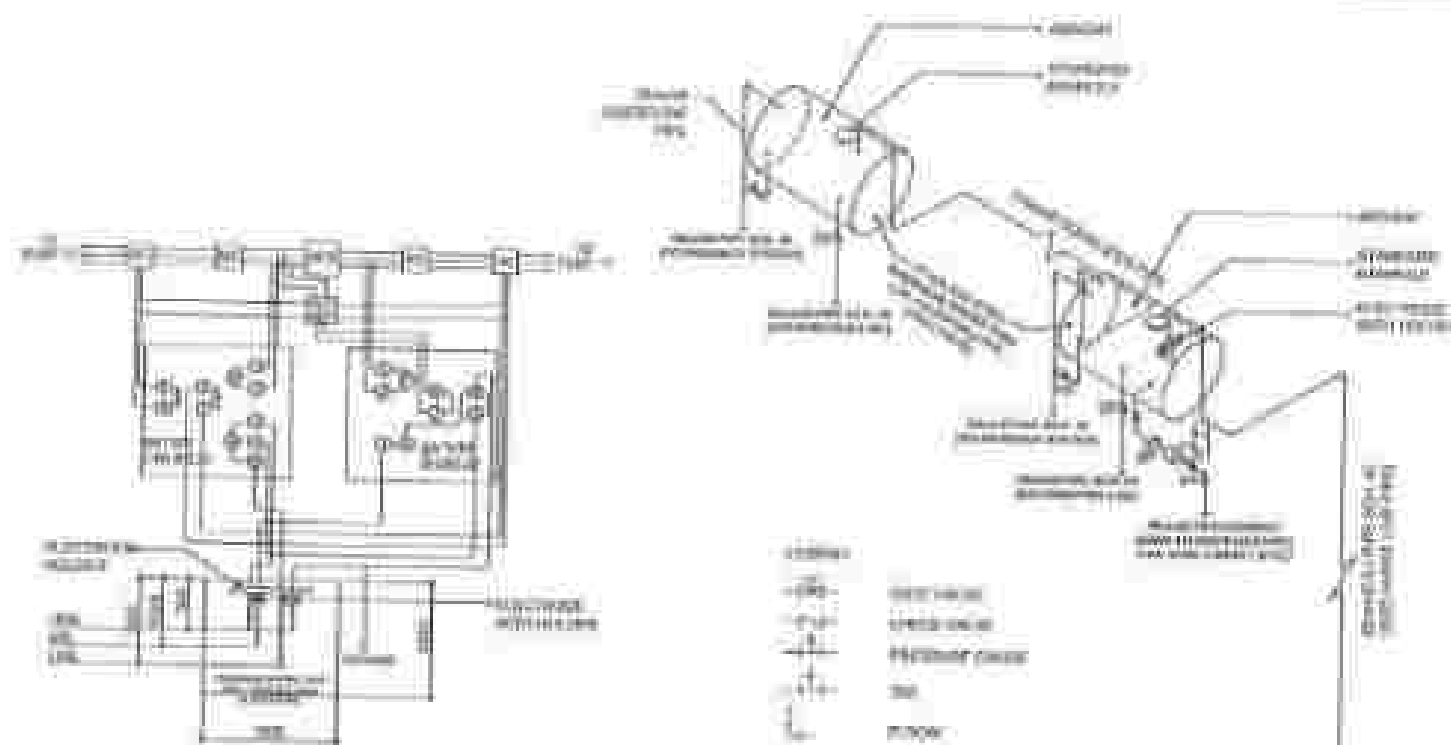
| DESCRIPTION | QUANTITY | UNIT | REMARKS | DATE | BY | REMARKS | DATE | BY |
|-----------------------------|----------|------|---------|------|----|---------|------|----|
| CEILING FAN (CASSETTE TYPE) | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |

CEILING FAN (CASSETTE TYPE)

| DESCRIPTION | QUANTITY | UNIT | REMARKS | DATE | BY | REMARKS | DATE | BY |
|-----------------------------|----------|------|---------|------|----|---------|------|----|
| CEILING FAN (CASSETTE TYPE) | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |



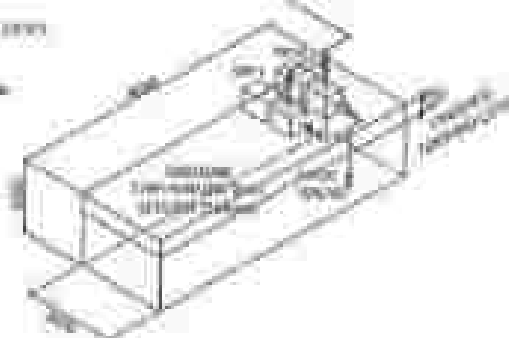
| | | | | | |
|--|---|--|--|---|------------------|
| | PROJECT TITLE:
CONSTRUCTION OF BONDY BUILDING, MARICANAN NATIONAL HIGH SCHOOL, BANGHAY MARICANAN, ZARAGOZA CITY | CLIENT:
MARICANAN NATIONAL HIGH SCHOOL | DESIGNER:
ALBUQUERQUE & ASSOCIATES | APPROVED BY:
ALBUQUERQUE & ASSOCIATES | DATE:
 |
| | PROJECT TITLE:
CONSTRUCTION OF BONDY BUILDING, MARICANAN NATIONAL HIGH SCHOOL, BANGHAY MARICANAN, ZARAGOZA CITY | CLIENT:
MARICANAN NATIONAL HIGH SCHOOL | DESIGNER:
ALBUQUERQUE & ASSOCIATES | APPROVED BY:
ALBUQUERQUE & ASSOCIATES | DATE:
 |



- NOTES:**
1. WATER LEVEL CONTROL SYSTEM SHALL BE AUTOMATICALLY OPERATED BY FLOAT VALVE AND PUMP.
 2. WATER LEVEL SHALL BE MAINTAINED AT ALL TIMES BY AUTOMATICALLY OPERATED BY FLOAT VALVE AND PUMP.
 3. WATER LEVEL SHALL BE MAINTAINED AT ALL TIMES BY AUTOMATICALLY OPERATED BY FLOAT VALVE AND PUMP.

SCHEMATIC DIAGRAM OF WATER LEVEL CONTROL

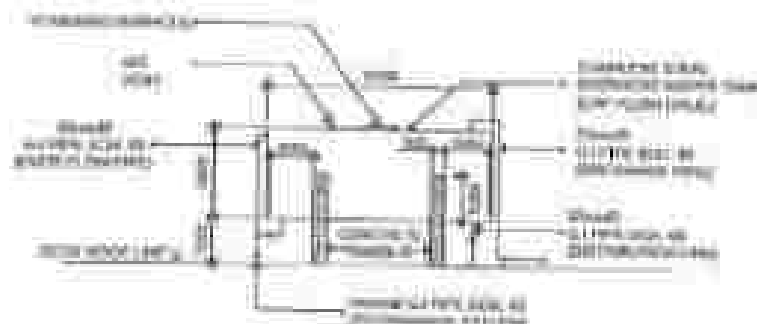
| LEVEL | DESCRIPTION |
|-------|--------------|
| 1.00 | GROUND LEVEL |
| 1.50 | WATER LEVEL |
| 2.00 | WATER LEVEL |
| 2.50 | WATER LEVEL |
| 3.00 | WATER LEVEL |
| 3.50 | WATER LEVEL |
| 4.00 | WATER LEVEL |
| 4.50 | WATER LEVEL |
| 5.00 | WATER LEVEL |
| 5.50 | WATER LEVEL |
| 6.00 | WATER LEVEL |
| 6.50 | WATER LEVEL |
| 7.00 | WATER LEVEL |
| 7.50 | WATER LEVEL |
| 8.00 | WATER LEVEL |
| 8.50 | WATER LEVEL |
| 9.00 | WATER LEVEL |
| 9.50 | WATER LEVEL |
| 10.00 | WATER LEVEL |



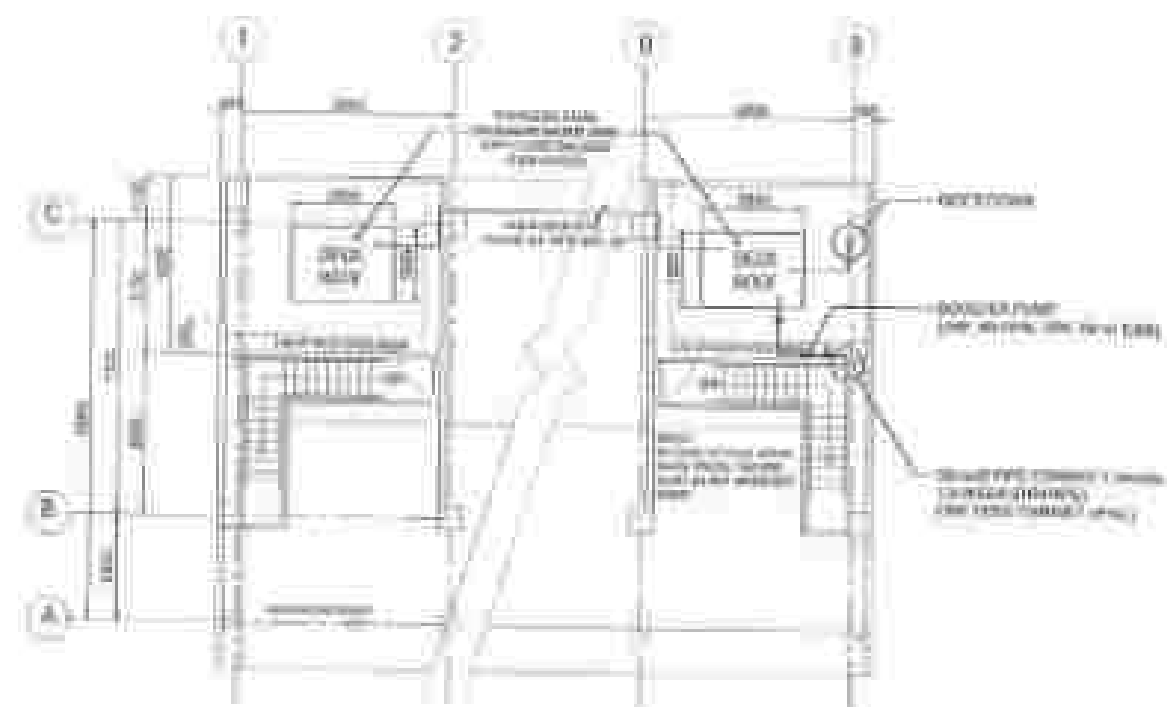
ISOMETRIC DIAGRAM OF WATER PUMPING SYSTEM

SCHEDULE OF EQUIPMENT

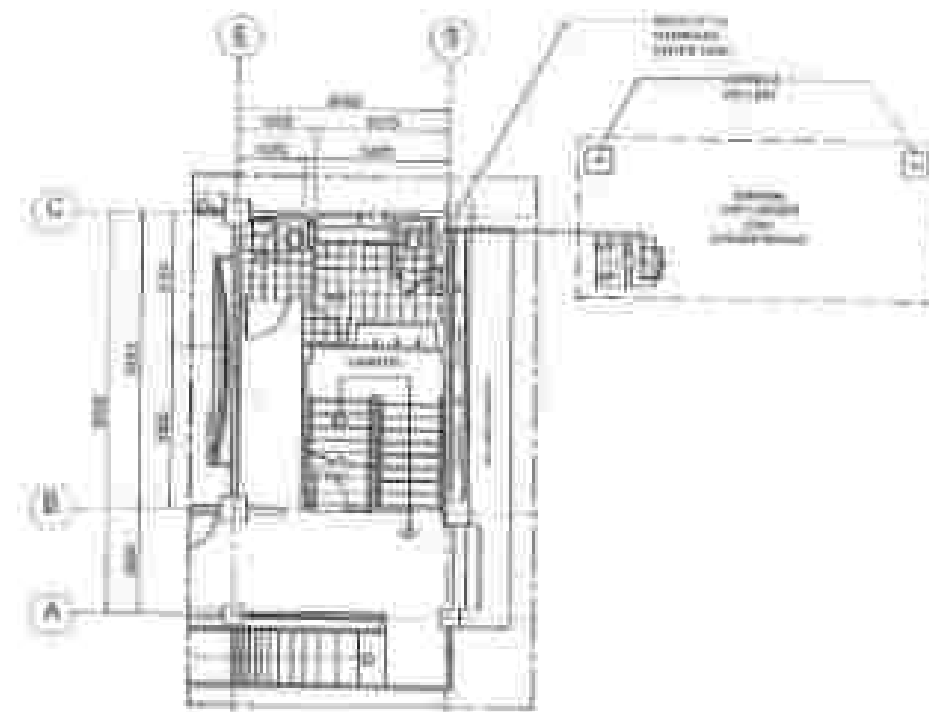
| ITEM NO. | QTY | DESCRIPTION | UNIT | PRICE | TOTAL | REMARKS |
|----------|-----|-------------|------|--------|--------|---------|
| 1 | 1 | WATER PUMP | PCU | 100000 | 100000 | |
| 2 | 1 | WATER TANK | PCU | 50000 | 50000 | |
| 3 | 1 | WATER PUMP | PCU | 100000 | 100000 | |
| 4 | 1 | WATER TANK | PCU | 50000 | 50000 | |
| 5 | 1 | WATER PUMP | PCU | 100000 | 100000 | |
| 6 | 1 | WATER TANK | PCU | 50000 | 50000 | |
| 7 | 1 | WATER PUMP | PCU | 100000 | 100000 | |
| 8 | 1 | WATER TANK | PCU | 50000 | 50000 | |
| 9 | 1 | WATER PUMP | PCU | 100000 | 100000 | |
| 10 | 1 | WATER TANK | PCU | 50000 | 50000 | |



ELEV. OF OVERHEAD WATER TANK

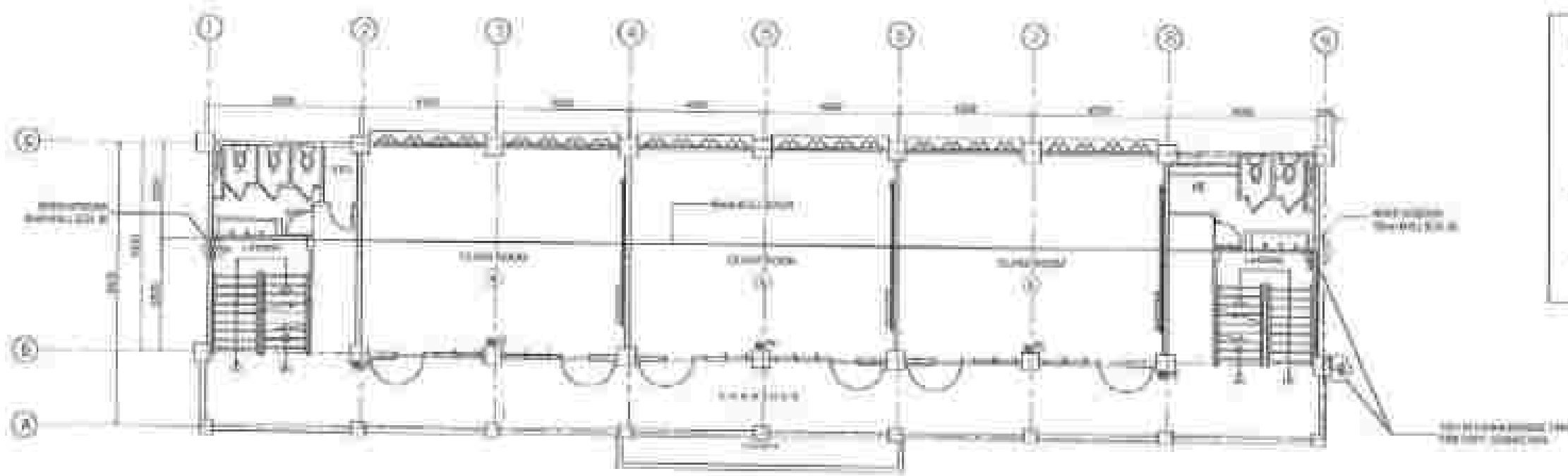


SHOWING OVERHEAD WATER TANK PARTIAL ROOF DECK PLAN

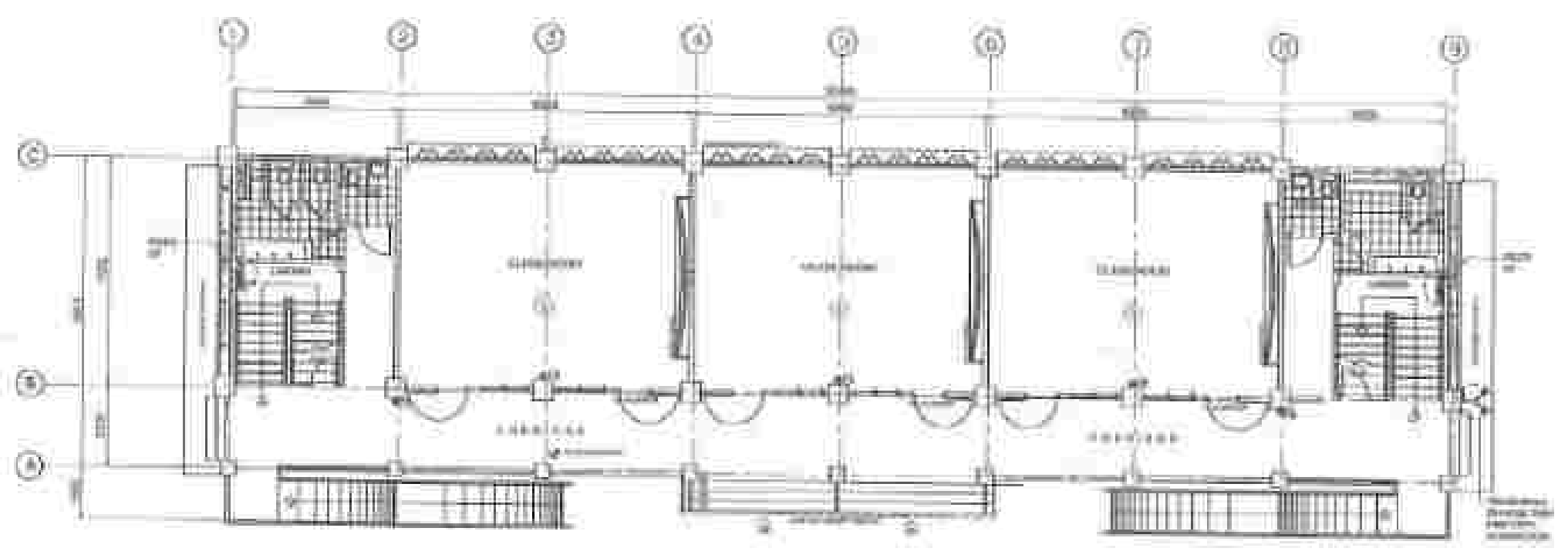


(SHOWING LOCATION OF CISTERN) PARTIAL GROUND FLOOR PLAN

| | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|
| | PROJECT DATA
CONTRIBUTION OF SCHOOL BUILDING, MARICANAS NATIONAL HIGH SCHOOL, MARICANAS CITY, MARICANAS CITY
LOCATION: MARICANAS CITY, MARICANAS CITY | PROJECT DATA
PROJECT NO.: 123456789
PROJECT NAME: CONTRIBUTION OF SCHOOL BUILDING, MARICANAS NATIONAL HIGH SCHOOL, MARICANAS CITY, MARICANAS CITY
PROJECT LOCATION: MARICANAS CITY, MARICANAS CITY | PROJECT DATA
PROJECT NO.: 123456789
PROJECT NAME: CONTRIBUTION OF SCHOOL BUILDING, MARICANAS NATIONAL HIGH SCHOOL, MARICANAS CITY, MARICANAS CITY
PROJECT LOCATION: MARICANAS CITY, MARICANAS CITY | PROJECT DATA
PROJECT NO.: 123456789
PROJECT NAME: CONTRIBUTION OF SCHOOL BUILDING, MARICANAS NATIONAL HIGH SCHOOL, MARICANAS CITY, MARICANAS CITY
PROJECT LOCATION: MARICANAS CITY, MARICANAS CITY | PROJECT DATA
PROJECT NO.: 123456789
PROJECT NAME: CONTRIBUTION OF SCHOOL BUILDING, MARICANAS NATIONAL HIGH SCHOOL, MARICANAS CITY, MARICANAS CITY
PROJECT LOCATION: MARICANAS CITY, MARICANAS CITY | PROJECT DATA
PROJECT NO.: 123456789
PROJECT NAME: CONTRIBUTION OF SCHOOL BUILDING, MARICANAS NATIONAL HIGH SCHOOL, MARICANAS CITY, MARICANAS CITY
PROJECT LOCATION: MARICANAS CITY, MARICANAS CITY | PROJECT DATA
PROJECT NO.: 123456789
PROJECT NAME: CONTRIBUTION OF SCHOOL BUILDING, MARICANAS NATIONAL HIGH SCHOOL, MARICANAS CITY, MARICANAS CITY
PROJECT LOCATION: MARICANAS CITY, MARICANAS CITY | PROJECT DATA
PROJECT NO.: 123456789
PROJECT NAME: CONTRIBUTION OF SCHOOL BUILDING, MARICANAS NATIONAL HIGH SCHOOL, MARICANAS CITY, MARICANAS CITY
PROJECT LOCATION: MARICANAS CITY, MARICANAS CITY | PROJECT DATA
PROJECT NO.: 123456789
PROJECT NAME: CONTRIBUTION OF SCHOOL BUILDING, MARICANAS NATIONAL HIGH SCHOOL, MARICANAS CITY, MARICANAS CITY
PROJECT LOCATION: MARICANAS CITY, MARICANAS CITY | PROJECT DATA
PROJECT NO.: 123456789
PROJECT NAME: CONTRIBUTION OF SCHOOL BUILDING, MARICANAS NATIONAL HIGH SCHOOL, MARICANAS CITY, MARICANAS CITY
PROJECT LOCATION: MARICANAS CITY, MARICANAS CITY |
|--|--|--|--|--|--|--|--|--|--|--|

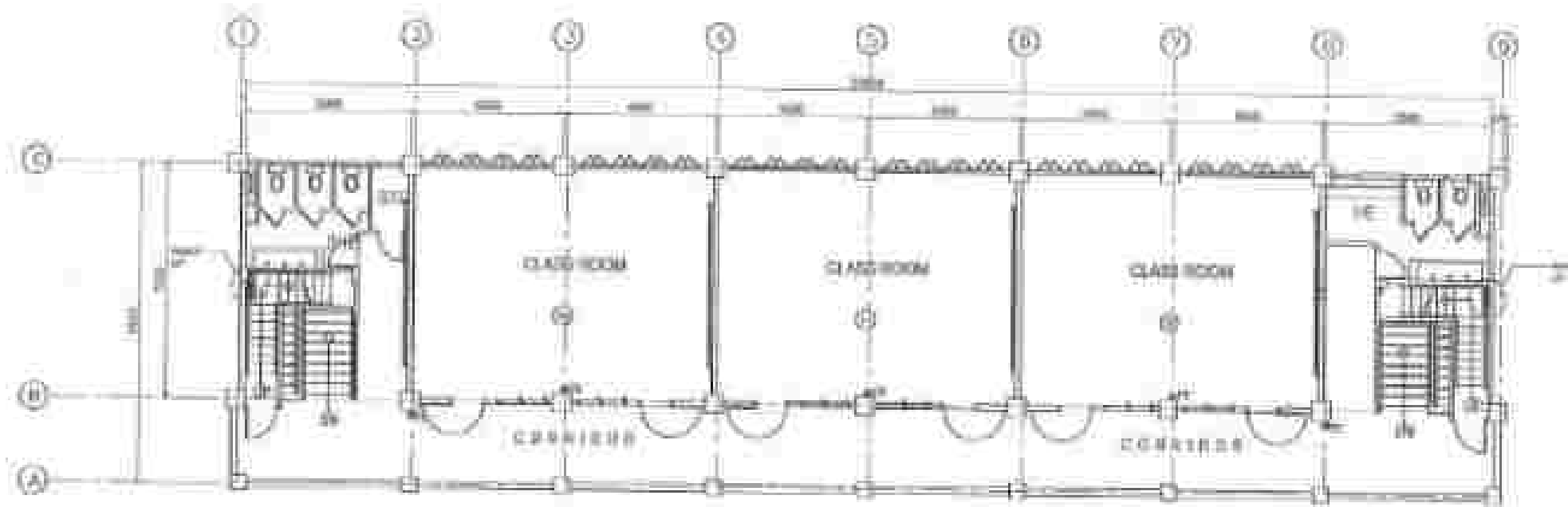


SECOND FLOOR PLAN (WATER & FIRE LINE LAYOUT)



GROUND FLOOR PLAN (WATER & FIRE LINE LAYOUT)

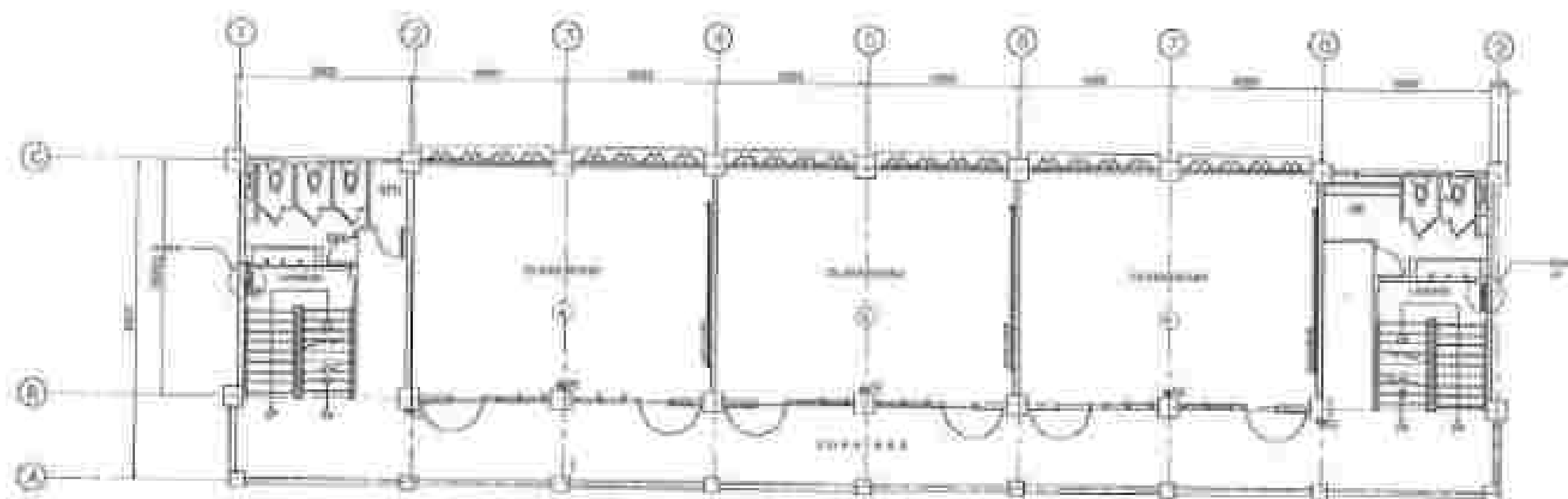
| | | | | | | | |
|--|---|--|--|---|---|---|---|
| <p>DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
OFFICE OF THE CITY ENGINEER
MARIKINA CITY</p> | <p>PROJECT TITLE:
CONSTRUCTION OF SCHOOL BUILDING, MARICOPA
NATIONAL HIGH SCHOOL, MARICOPA BARANGAY,
MARICOPA CITY</p> | <p>DESIGNER:
WATER & FIRE LINE LAYOUT
GROUND FLOOR PLAN
SECOND FLOOR PLAN</p> | <p>DESIGNED BY:
ALL DESIGN IS DONE
BY THE DESIGNER
CHECKED BY: [Signature]
DATE: [Date]</p> | <p>DESIGNED BY:
[Signature]
[Name]</p> | <p>DESIGNED BY:
[Signature]
[Name]</p> | <p>DESIGNED BY:
[Signature]
[Name]</p> | <p>DESIGNED BY:
[Signature]
[Name]</p> |
|--|---|--|--|---|---|---|---|



LEGEND:

- FIRE HOSE CABINET WITH RISER
- SIAMSE TWIN / FIRE DEPARTMENT CONNECTION
- EQUALIZER PIPE

FOURTH FLOOR PLAN (WATER & FIRE LINE LAYOUT)



THIRD FLOOR PLAN (WATER & FIRE LINE LAYOUT)

| | | | | | | | | |
|--|---|---|--|--|--|--|--|--|
| | <p>PROJECT TITLE:</p> <p>CONSTRUCTION OF SCHOOL BUILDING, MANCANA NATIONAL HIGH SCHOOL, BARANGAY MANCANA, CAGSANGA CITY</p> <p>DESIGNER: ENGINEER, PROFESSIONAL</p> | <p>DATE: 10/10/2018</p> <p>PROJECT & FIRE LINE LAYOUT</p> | <p>DESIGNED BY: ALBERT H. LEE</p> <p>CHECKED BY: [Signature]</p> <p>APPROVED BY: [Signature]</p> | <p>DATE: 10/10/2018</p> <p>ALBERT H. LEE</p> | <p>DATE: 10/10/2018</p> <p>ALBERT H. LEE</p> | <p>DATE: 10/10/2018</p> <p>ALBERT H. LEE</p> | <p>DATE: 10/10/2018</p> <p>ALBERT H. LEE</p> | <p>DATE: 10/10/2018</p> <p>ALBERT H. LEE</p> |
|--|---|---|--|--|--|--|--|--|

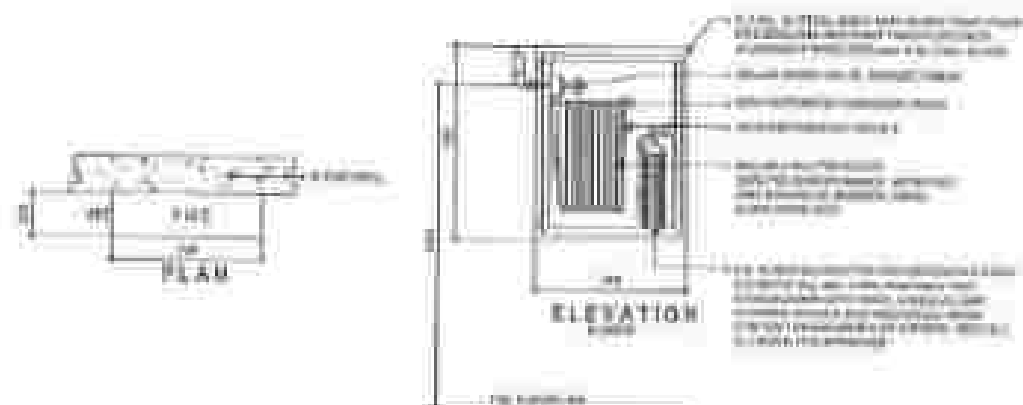
FP 2

SCHEDULE OF EQUIPMENT

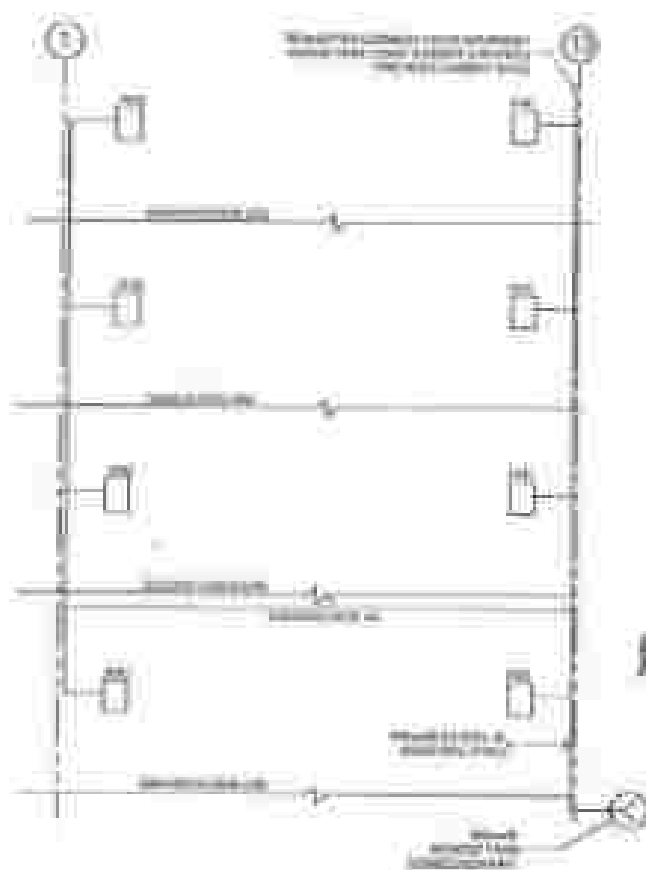
| Klasifikasi | Kategori | Tipe | | Kategori | Kategori | Kategori | Kategori | Kategori | Kategori |
|-------------|----------|------|---|----------|----------|----------|----------|----------|----------|
| | | 1 | 2 | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |

GENERAL NOTES:

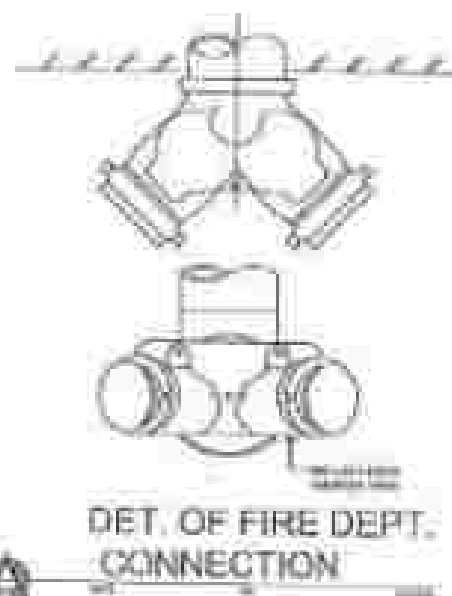
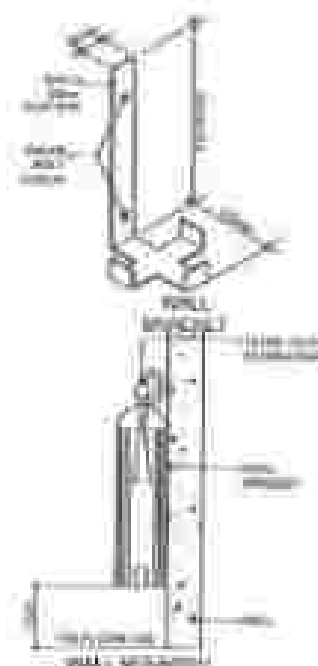
1. ALL WORKS SHOULD BE DONE IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) CLASSES NO. 13 & 20, NATIONAL FIRE BUILDING CODE OF THE PHILIPPINES.
2. ALL WORKS SHALL BE EXECUTED IN CLOSE COORDINATION WITH ALL OTHER TRADES. THE ARCHITECT AND THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY OF ANY CONFLICT.
3. THE CONTRACTOR SHALL SUBMIT CATALOGUE / BROCHURES SUBJECT FOR FURTHER TECHNICAL EVALUATION BY THE CONCERN AUTHORITY (BOD) PRIOR TO PROCUREMENT / INSTALLATION OF THE EQUIPMENT / UNIT.
4. ALL PIPE SIZES ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
5. PIPE SLEEVES SHALL BE PROVIDED FOR ALL PIPES PASSING THRU SLABS, WALLS & BEAMS.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TESTING AND COMMISSIONING FOR ALL EQUIPMENT INSTALLED.



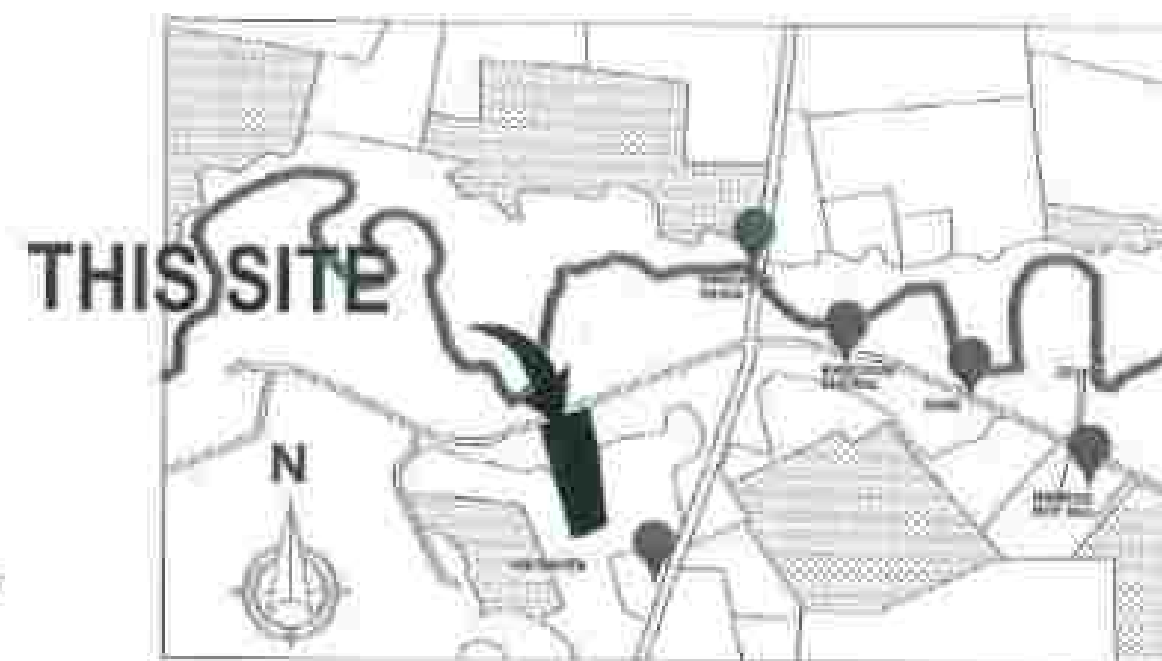
FIRE HOSE CABINET DETAIL



DRY STAND PIPE RISER DIAGRAM CONNECTION

DET. OF FIRE DEPT.
CONNECTION

EXTINGUISHER DETAIL



LOCATION PLAN

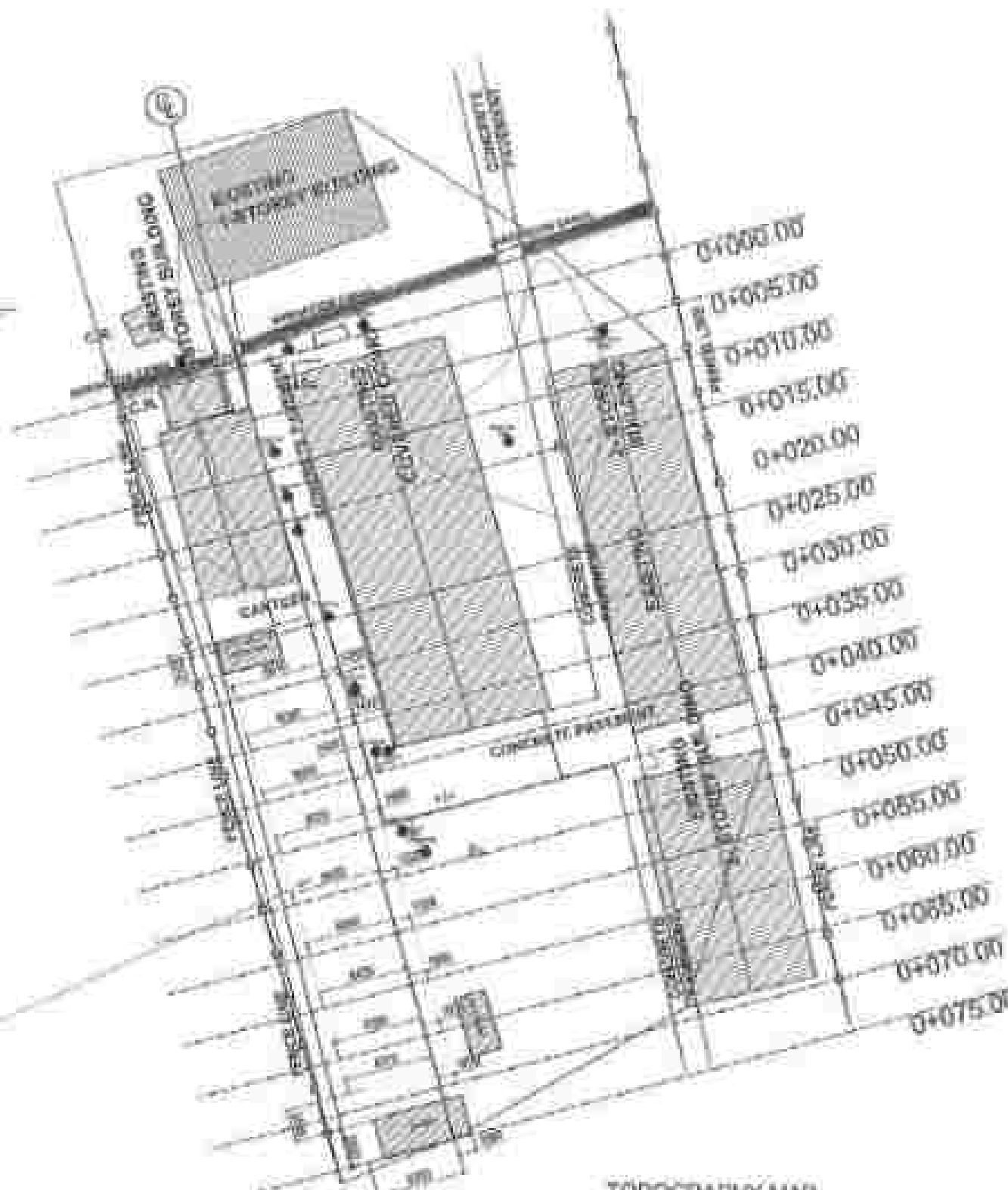
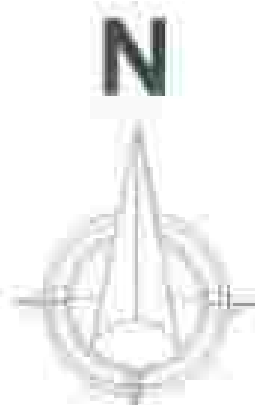
Amount: 40M
 INSTRUMENT USED: JOL (QUANDON 2)
 REFERENCE POINT

T-1
 RP1= NAILED ON A
 PALMERA TREE
 DIST= 4.37M
 RP2= NAILED ON A
 PALMERA TREE
 DIST= 7.22M

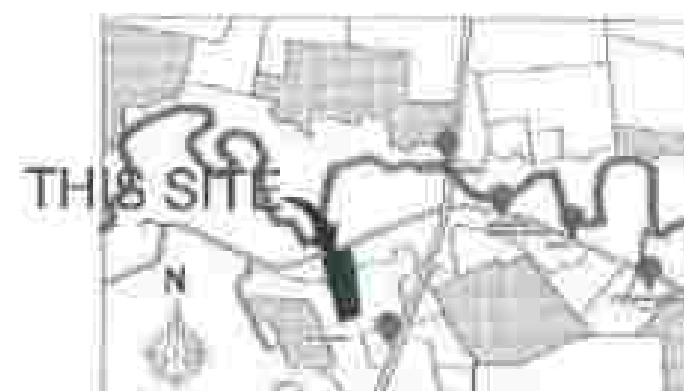
B.M.
 B.M.-1= NAILED ON A
 ANTIPOLO TREE
 STA. 0+002.00
 ELEV. = 12.50M

B.M.-2= NAILED ON A
 NARRA TREE
 STA. 0+013.94
 ELEV. = 12.11M

B.M.-3= NAILED ON A
 COCONUT TREE
 STA. 0+046.50
 ELEV. = 12.17M



TOPOGRAPHY MAP



LOCATION PLAN

PROPOSED CONSTRUCTION OF
 SCHOOL BUILDING, MANICAHAN
 NATIONAL HIGH SCHOOL,
 BARANGAY MANICAHAN,
 ZAMBOANGA CITY

| QUANTITY CALCULATION SHEET | | | | |
|---|----------------------|----------------------------------|------------------------|------------------|
| Part No./Description: | | EMBANKMENT FROM EXCAVATION (104) | | |
| Line of Manicahan: | | 104-10 | | |
| Quantity: | | | | |
| CONSTRUCTION OF SCHOOL BUILDING, MANICAHAN NATIONAL HIGH SCHOOL
BARANGAY MANICAHAN, ZAMBOANGA CITY | | | | |
| STATION | AREA, m ² | LENGTH, m | VOLUME, m ³ | REMARKS |
| | | | | |
| ALONG (100' W) | 7.140 | 1.18 | 8.42 | LOWEST ELEVATION |
| ALONG CENTER LINE | 0.950 | 6.61 | 6.27 | |
| ALONG (100' E) | 0.950 | | | |
| | | | | |
| | | SUB TOTAL | 21.33 | |

| | | | | | | | |
|--|---|------------|---------------|---------------|---------------|---------------|------------|
| | PROJECT TITLE | DATE | DESIGNED BY | CHECKED BY | APPROVED BY | REVIEWED BY | DATE |
| | CONSTRUCTION OF SCHOOL BUILDING, MANICAHAN NATIONAL HIGH SCHOOL, BARANGAY MANICAHAN, ZAMBOANGA CITY | 10/10/2023 | JOHN A. BAYAL | JOHN A. BAYAL | JOHN A. BAYAL | JOHN A. BAYAL | 10/10/2023 |
| | PROJECT TITLE | DATE | DESIGNED BY | CHECKED BY | APPROVED BY | REVIEWED BY | DATE |
| | CONSTRUCTION OF SCHOOL BUILDING, MANICAHAN NATIONAL HIGH SCHOOL, BARANGAY MANICAHAN, ZAMBOANGA CITY | 10/10/2023 | JOHN A. BAYAL | JOHN A. BAYAL | JOHN A. BAYAL | JOHN A. BAYAL | 10/10/2023 |

TP

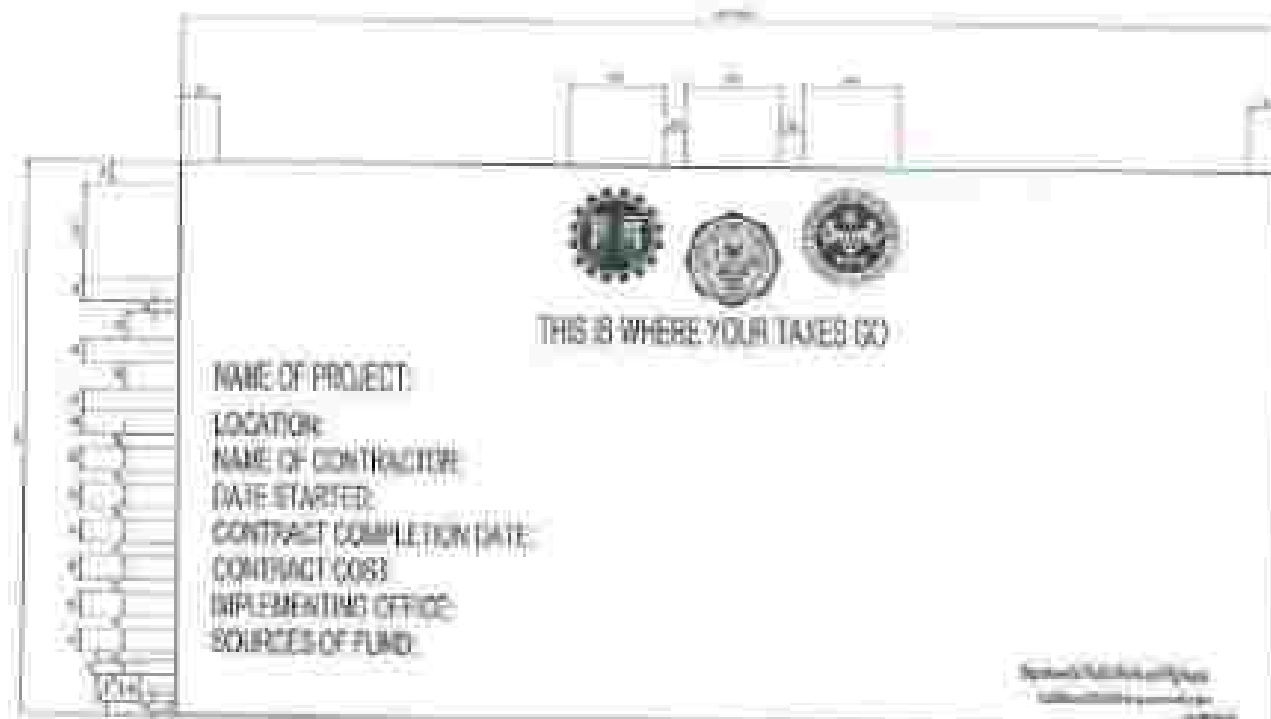
Architectural floor plan of a building. The plan shows a large central hall with a grid of columns and rows. A smaller room is located at the bottom left, and a larger room is at the bottom right. The grid is labeled with letters A through I along the top and numbers 1 through 10 along the bottom. A scale bar is located at the bottom right, indicating a distance of 1.70 meters.



ALONG GRID "C" OF BUILDING - SHEET 1166



| | | | | | | | | |
|---|--|---|---|--|--|---|--|--------------------------|
|  <p>OFFICE OF THE CITY ENGINEER
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
ZAMBOANGA CITY - REGIONAL ENGINEERING OFFICE
ZAMBOANGA CITY</p> | <p>PROJECT NO. 1
CONSTRUCTION OF SCHOOL BUILDING, BARICAHAN
NATIONAL HIGH SCHOOL, BARAHAY MAMAHAN,
ZAMBOANGA CITY
LOCAL GOVERNMENT - ZAMBOANGA CITY
2018</p> | <p>SECTION NO. 1
ALONG GRID "C" OF THE BUILDING</p> | <p>DESIGNED BY
JOSEPH B. MORA
CHECKED BY
CHRISTINE A. VALERIO</p> | <p>APPROVED BY
ALBERTO A. SARAWI
ARCHITECT</p> | <p>APPROVED BY
ANTONIO S. MORALES, JR.
ARCHITECT</p> | <p>APPROVED BY
ROBERTO S. SANTIAGO, Sr.
ARCHITECT</p> | <p>APPROVED BY
PAUL S. EDGAR
ARCHITECT</p> | <p>DATE
TP
3</p> |
|---|--|---|---|--|--|---|--|--------------------------|







THIS IS WHERE YOUR TAXES GO

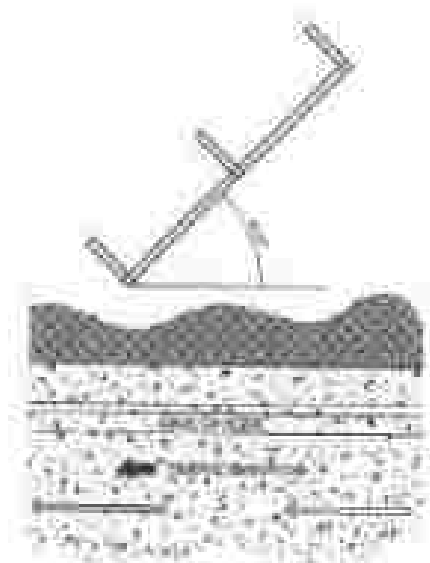
NAME OF PROJECT:
 LOCATION:
 NAME OF CONTRACTOR:
 DATE STARTED:
 CONTRACT COMPLETION DATE:
 CONTRACT COST:
 IMPLEMENTING OFFICE:
 SOURCES OF FUND:

Approved: 
 Date: _____

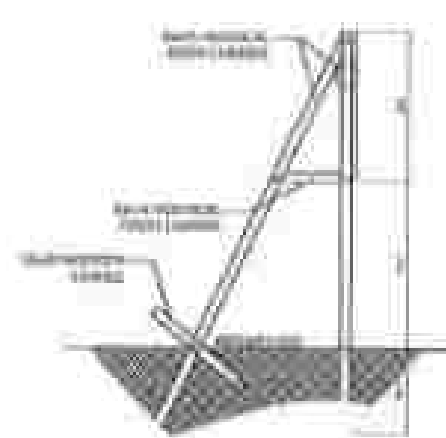
NOTE:

1. THE BILLBOARD SHALL BE A PERMANENT ONE.
2. THE BILLBOARD SHALL BE A PERMANENT ONE.
3. THE BILLBOARD SHALL BE A PERMANENT ONE.
4. THE BILLBOARD SHALL BE A PERMANENT ONE.
5. THE BILLBOARD SHALL BE A PERMANENT ONE.
6. THE BILLBOARD SHALL BE A PERMANENT ONE.
7. THE BILLBOARD SHALL BE A PERMANENT ONE.
8. THE BILLBOARD SHALL BE A PERMANENT ONE.
9. THE BILLBOARD SHALL BE A PERMANENT ONE.
10. THE BILLBOARD SHALL BE A PERMANENT ONE.

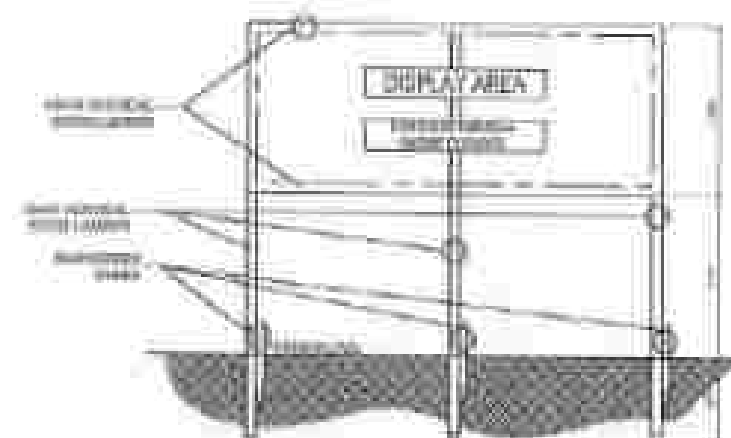
DPWH STANDARD PROJECT BILLBOARD



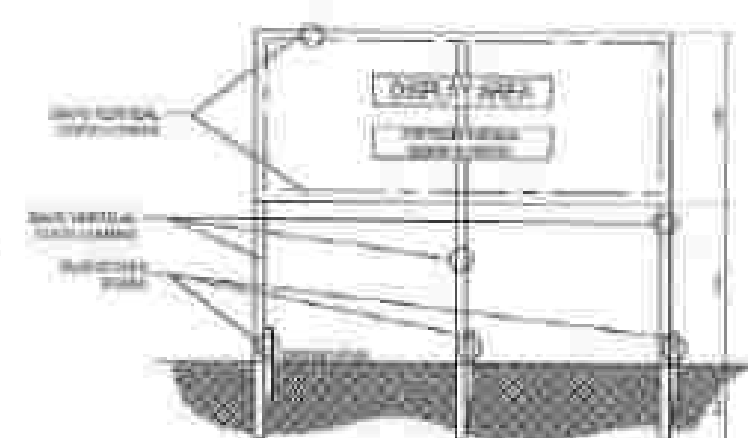
CONSTRUCTION



TYPICAL FRAME BILLBOARD



ELEVATION OPTION 1



ELEVATION OPTION 2

| | | | | | | | |
|---|---|---|---|--|---|---|--|
|  <p>DEPARTMENT OF PUBLIC WORKS
NATIONAL HIGHWAYS DIVISION
REGIONAL OFFICE - CAGAYAN</p> | <p>PROJECT TITLE:
CONSTRUCTION OF SCHOOL BUS LANE, MANCANAAN NATIONAL HIGH SCHOOL, SANANGAT MANCANAAN, CAGAYAN CITY</p> <p>LOCATION: MANCANAAN, CAGAYAN CITY</p> | <p>APPROVED BY:
</p> | <p>DESIGNED BY:
</p> | <p>CHECKED BY:
</p> | <p>APPROVED BY:
</p> | <p>DESIGNED BY:
</p> | <p>DATE: 10/10/2018</p> <p style="text-align: center;"> BB
 1 </p> |
|---|---|---|---|--|---|---|--|

P R O J E C T B I L L B O A R D D E T A I L S

COMMISSION ON AUDIT
(PROPOSED BILLBOARD)

Name of Project:

Location:

Cost:

Fund Source:

Implementing Agency:

Contractor/Supplier:

Real Time/Status of the Project:

24.30 m
 24.30 m

Project Details:

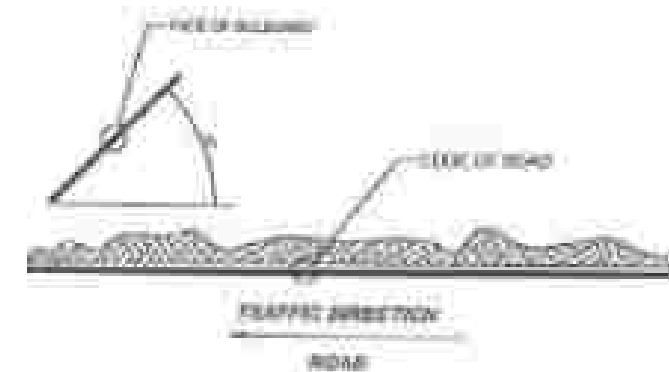
| Area | Area | Height | Volume | Weight | Material | Remarks |
|------|------|--------|--------|--------|----------|---------|
| | | | | | | |
| | | | | | | |
| | | | | | | |

To be filled in by the contractor/supplier, and shall be submitted to the Commission on Audit for review.

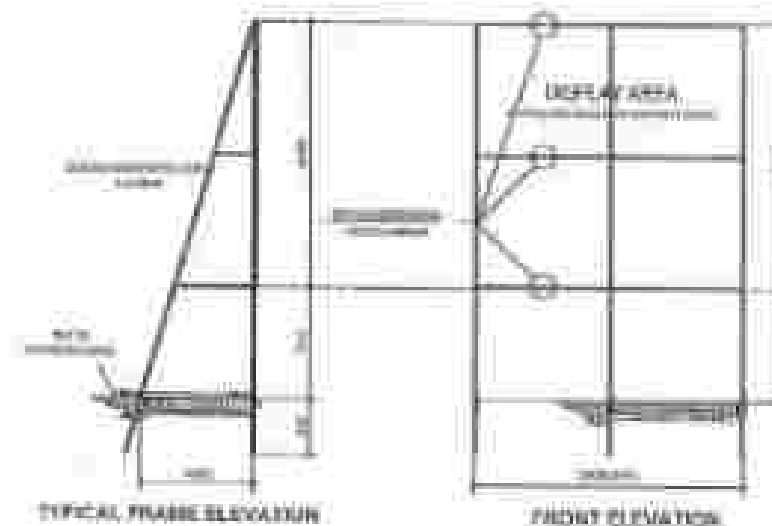
Signature of Contractor/Supplier:

Date:

Approved by:



ORIENTATION

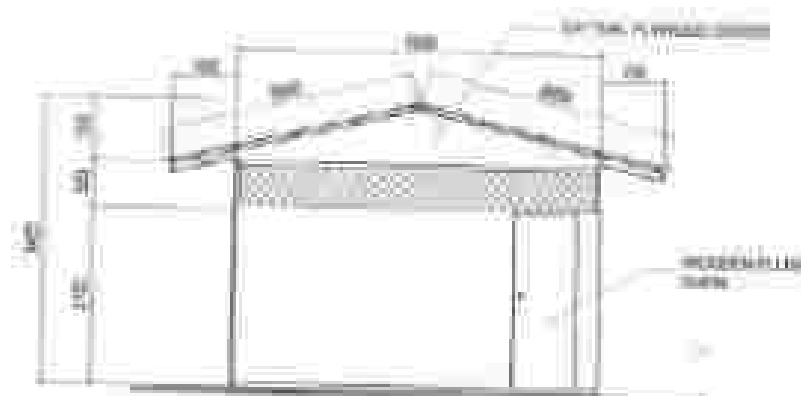


STANDARD PROJECT BILLBOARD (COA)

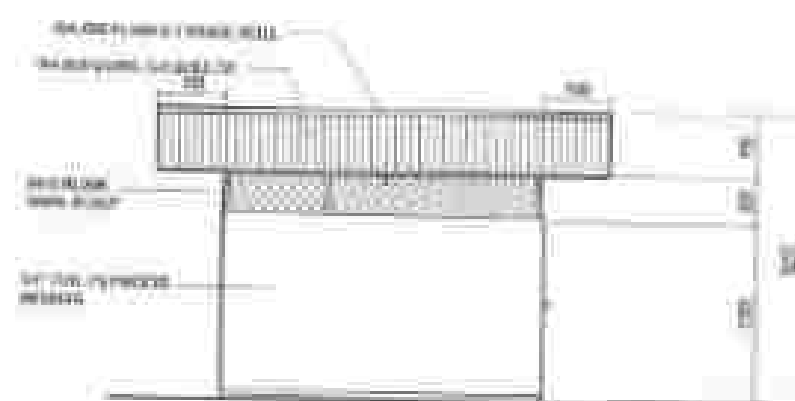
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|--|---|--|---|--|---|--|---|-------------------------------|
|  <p>DEPARTMENT OF EDUCATION
DIVISION OFFICE - MARIKINA CITY
MARIKINA CITY, RIZAL</p> | <p>PROJECT TITLE:
CONSTRUCTION OF SCHOOL BUILDING, MARICANAN NATIONAL HIGH SCHOOL, BARANGAY MARICANAN, MARICANAN CITY</p> <p>PROJECT NO.:</p> | <p>DESIGNER:
MARICANAN CITY ENGINEERING</p> | <p>APPROVED BY:
MARICANAN CITY ENGINEERING</p> | <p>DESIGNER:
MARICANAN CITY ENGINEERING</p> | <p>APPROVED BY:
MARICANAN CITY ENGINEERING</p> | <p>DESIGNER:
MARICANAN CITY ENGINEERING</p> | <p>APPROVED BY:
MARICANAN CITY ENGINEERING</p> | <p>BB
2</p> |
|--|---|--|---|--|---|--|---|-------------------------------|



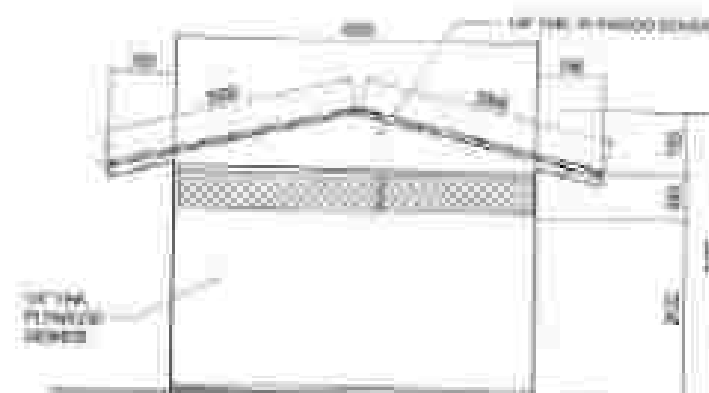
PERSPECTIVE VIEW



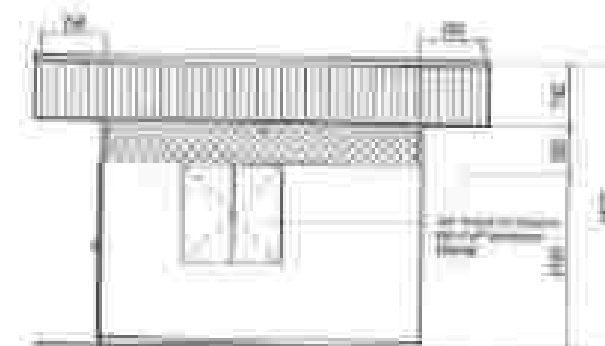
FRONT ELEVATION



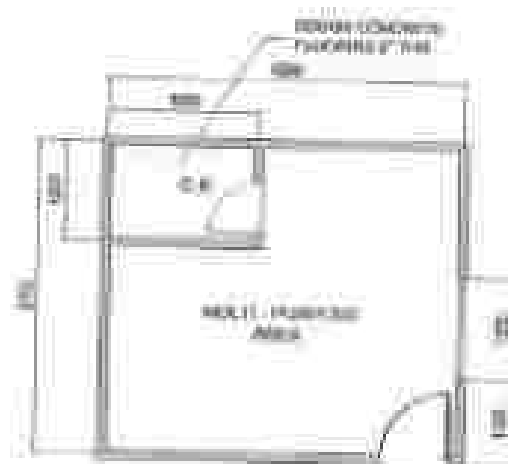
LEFT SIDE ELEVATION



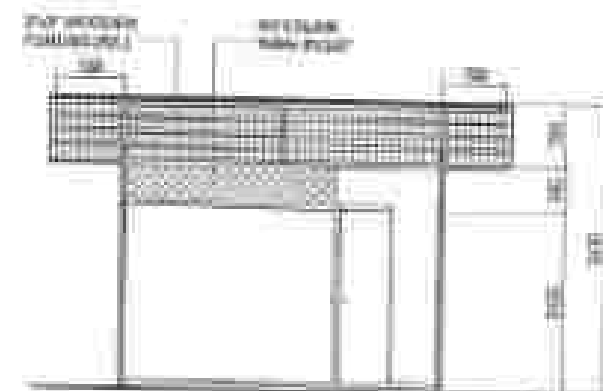
REAR ELEVATION



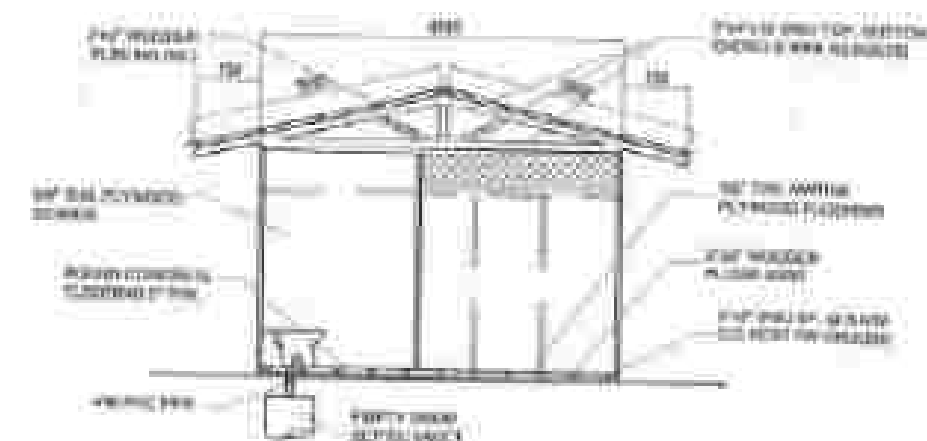
RIGHT SIDE ELEVATION



FLOOR PLAN



CROSS SECTION



LONGITUDINAL SECTION

| | | | | | | | | |
|--|---|---|--|--|--|--|--|--------------------------|
|  <p>DEPARTMENT OF EDUCATION
DIVISION OFFICE - MARIKINA CITY
MARIKINA CITY, PHILIPPINES</p> | <p>PROJECT TITLE
CONSTRUCTION OF SCHOOL BUILDING, MARICAYAN
NATIONAL HIGH SCHOOL, BARANGAY BANGCAYAN,
ZAMBANGA CITY</p> <p>LOCATION: MARICAYAN, ZAMBANGA CITY</p> | <p>ARCHITECT
MARICAYAN ARCHITECTS</p> | <p>DESIGNER

MARICAYAN ARCHITECTS</p> | <p>ENGINEER

MARICAYAN ARCHITECTS</p> | <p>CONTRACTOR

MARICAYAN ARCHITECTS</p> | <p>REVIEWER

MARICAYAN ARCHITECTS</p> | <p>APPROVER

MARICAYAN ARCHITECTS</p> | <p>DATE
BH
1</p> |
|--|---|---|--|--|--|--|--|--------------------------|