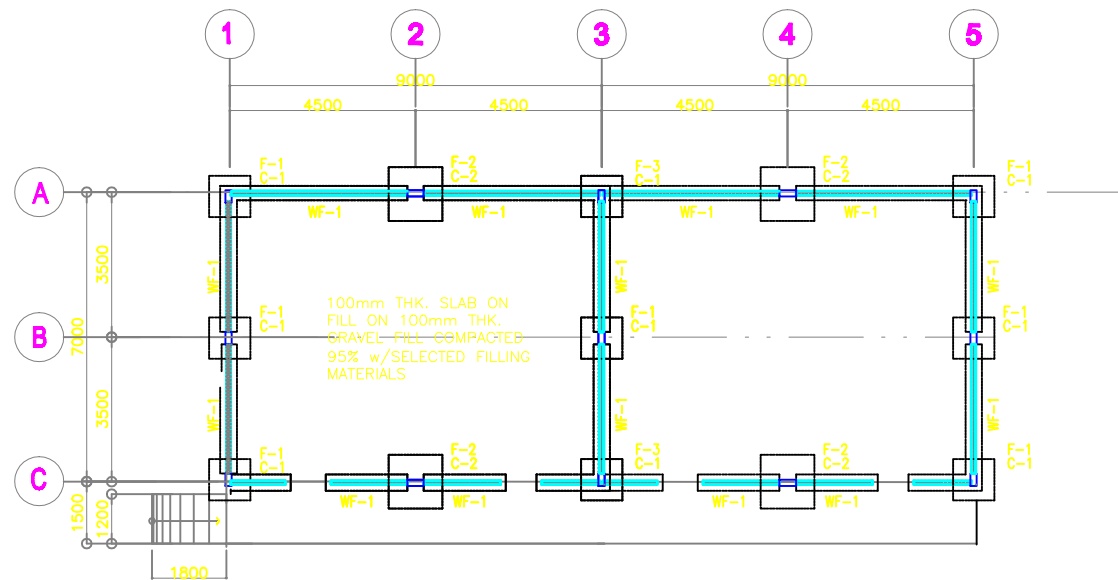
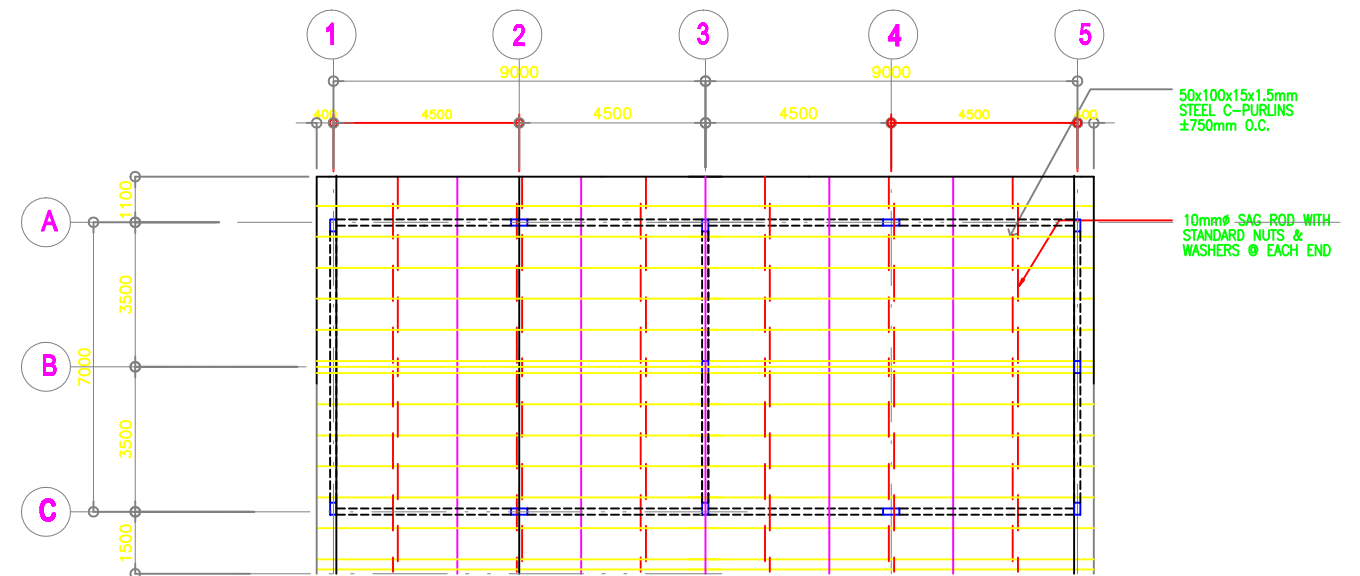
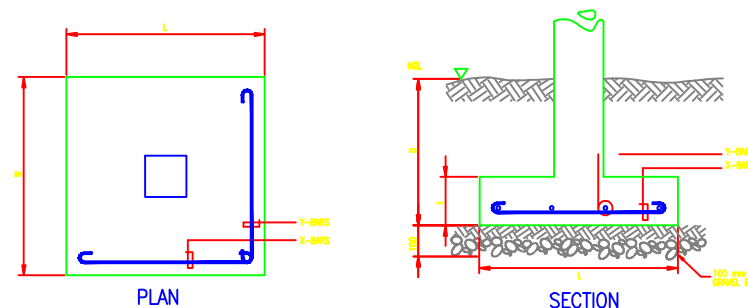




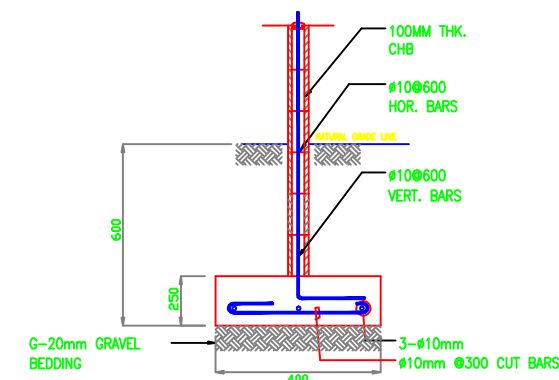
A
S-1 **FOUNDATION PLAN**
SCALE 1:100 M.



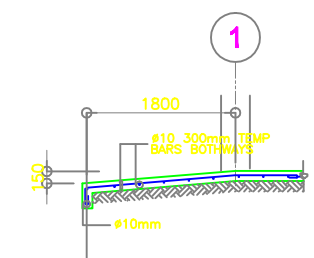
B
S-1 **ROOF FRAMING PLAN**
SCALE 1:100 M.



C
S-1 **TYP. FOOTING DETAIL**
SCALE : NTS



C
S-1 **DETAIL OF WF-1**
SCALE : NTS



E
S-1 **DETAIL OF RAMP**
SCALE 1 : 50M

COLUMN SCHEDULE		
LEVEL	C-1	C-2
FOUNDATION LEVEL TO ROOF LEVEL	MAIN BAR: 4-Ø16mm TIES : Ø10 mm 1Ø50, 8Ø75, REST Ø 150mm TO CENTER	MAIN BAR: 6-Ø16mm TIES : Ø10 mm 1Ø50, 8Ø75, REST Ø 150mm TO CENTER

SCHEDULE OF FOOTINGS							
FOOTING MARK	FOOTING DIMENSIONS (mm)				REINFORCEMENT		REMARKS
	LENGTH (L)	WIDTH (W)	DEPTH (D)	THICKNESS (t)	BAR X	BAR Y	
F-1	800	800	1200	250	4 - 16mmØ	4 - 16mmØ	SQUARE FOOTING
F-2	1000	1000	1200	250	4 - 16mmØ	4 - 16mmØ	SQUARE FOOTING
F-2	900	900	1200	250	4 - 16mmØ	4 - 16mmØ	SQUARE FOOTING

DESIGN CRITERIA :

- A. CONCRETE
 $f_c' = 20.685 \text{ Mpa (3,000 Psi)}$, minimum compressive strength of concrete a 28 days unless otherwise specified.
- B. REBAR
 $f_y = 275.8 \text{ Mpa (40,000 Psi)}$, minimum yield strength of reinforcing bars unless otherwise specified.
- C. STRUCTURAL STEEL
 $F_y = 248 \text{ Mpa (36 Ksi)}$, specified minimum yield strength unless otherwise specified.
- D. FOUNDATION
 $SBP = 95.706 \text{ Kpa (2,000 Psf)}$, was used in the design for all footings. No footing shall rest on fill.

REPUBLIC OF THE PHILIPPINES DepED DEPARTMENT OF EDUCATION PHYSICAL FACILITIES AND SCHOOLS ENGINEERING DIVISION MIRALDO AVENUE, DAVAO CITY	DESIGNED BY :	CHECKED BY :	RECOMMENDING APPROVAL :	APPROVED BY :	PROJECT TITLE :	PROJECT NO. : PROJECT_NO	OWNER :	SHEET NO. :
					ONE STOREY TWO-CLASSROOM SCHOOLBUILDING (MOD.)	DESIGNED BY : DESIGNED_BY	DEPARTMENT OF EDUCATION DepED	
	DESIGNER_1 DESIGNER_2	ENGINEER III PPSED-DepED	HEAD, PLANNING & DESIGN UNIT PPSED-DepED	CHIEF, PPSED-OPS DepED	LOCATION :	ENCODED BY : ENCODED_BY	SHEET CONTENTS : FOUNDATION PLAN, ROOF FRAMING PLAN, FOOTING DETAIL, COLUMN DETAIL, WF-1, RAMP DET.	
						CHECKED BY : CHECKED_BY		
						DATE : DATE		

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