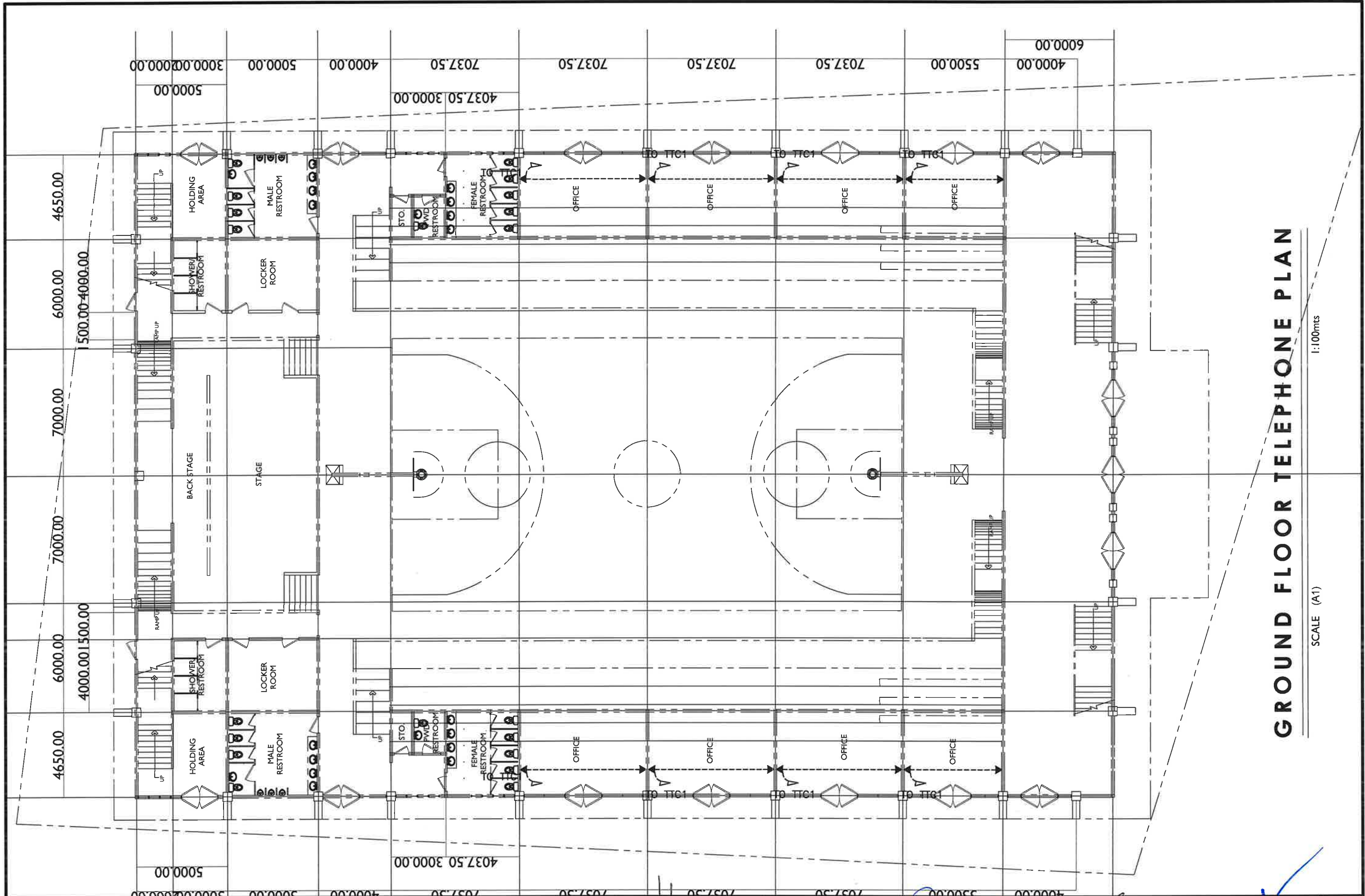




GROUND FLOOR TELEPHONE PLAN

1:100mts

SCALE (A1)



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
BATAAN FIRST
DISTRICT ENGINEERING OFFICE
REGIONAL OFFICE III
ROMAN EXPRESSWAY MULAWIN, GRANI, BATAAN

PROJECT NAME AND LOCATION :
BASIC INFRASTRUCTURE PROGRAM -
MULTI - PURPOSE BUILDINGS/FACILITIES TO
SUPPORT SOCIAL SERVICE - CONSTRUCTION
OF MULTI-PURPOSE BUILDING (GYMNASIUM),
SAMAL, BATAAN

SHEET CONTENT :
AS SHOWN

DRAFTED BY:
REV. ALDO B. ANTONIO
DRAFTSMAN II
PREPARED BY:
ROLANDO P. SOLIMAN
ARCHITECT II

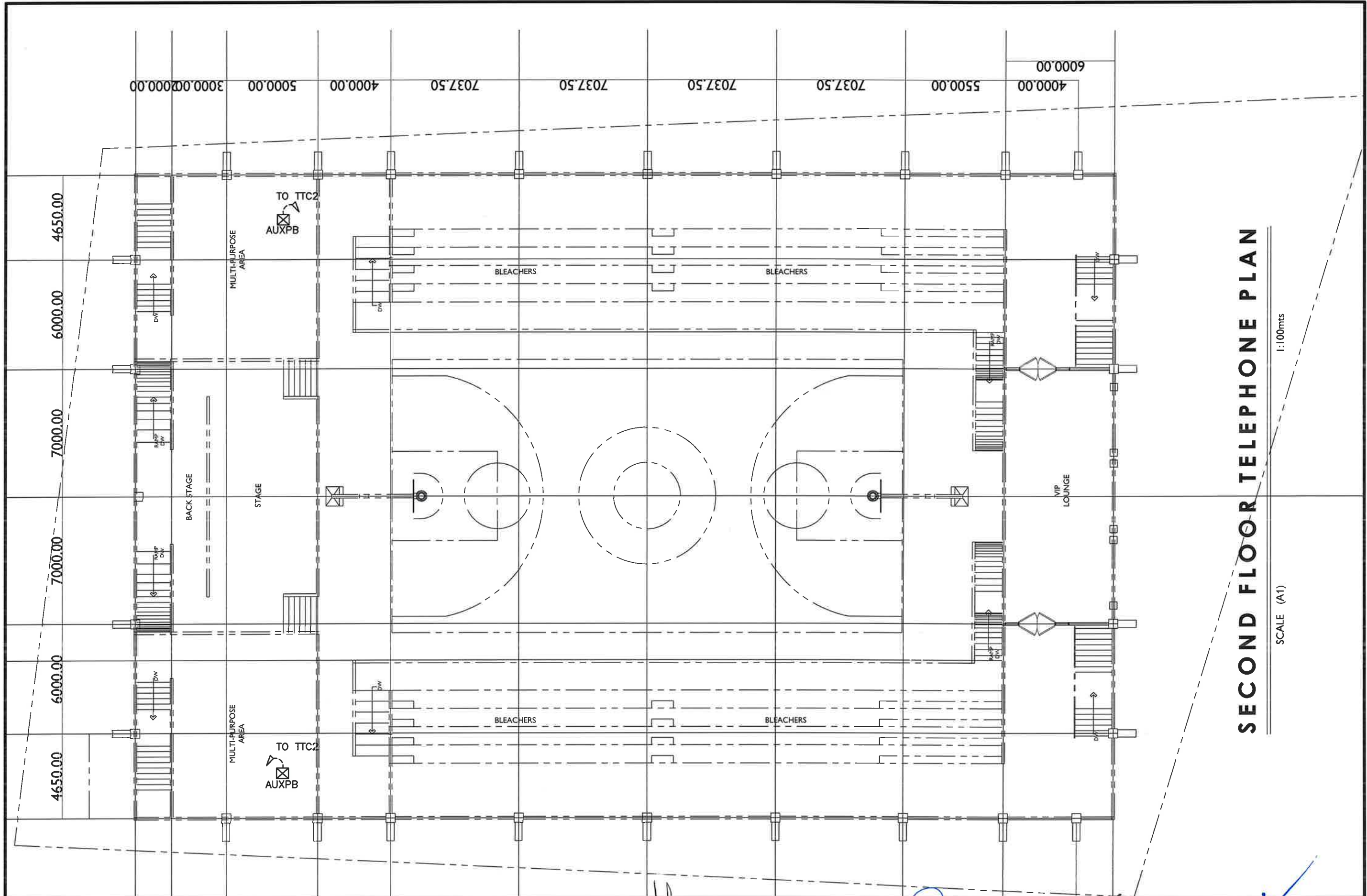
REVIEWED BY:
ELECTRONIC ENGINEER
DATE:

SUBMITTED BY :
CELIA M. RAMOS
CHIEF, PLANNING AND DESIGN SECTION
DATE:

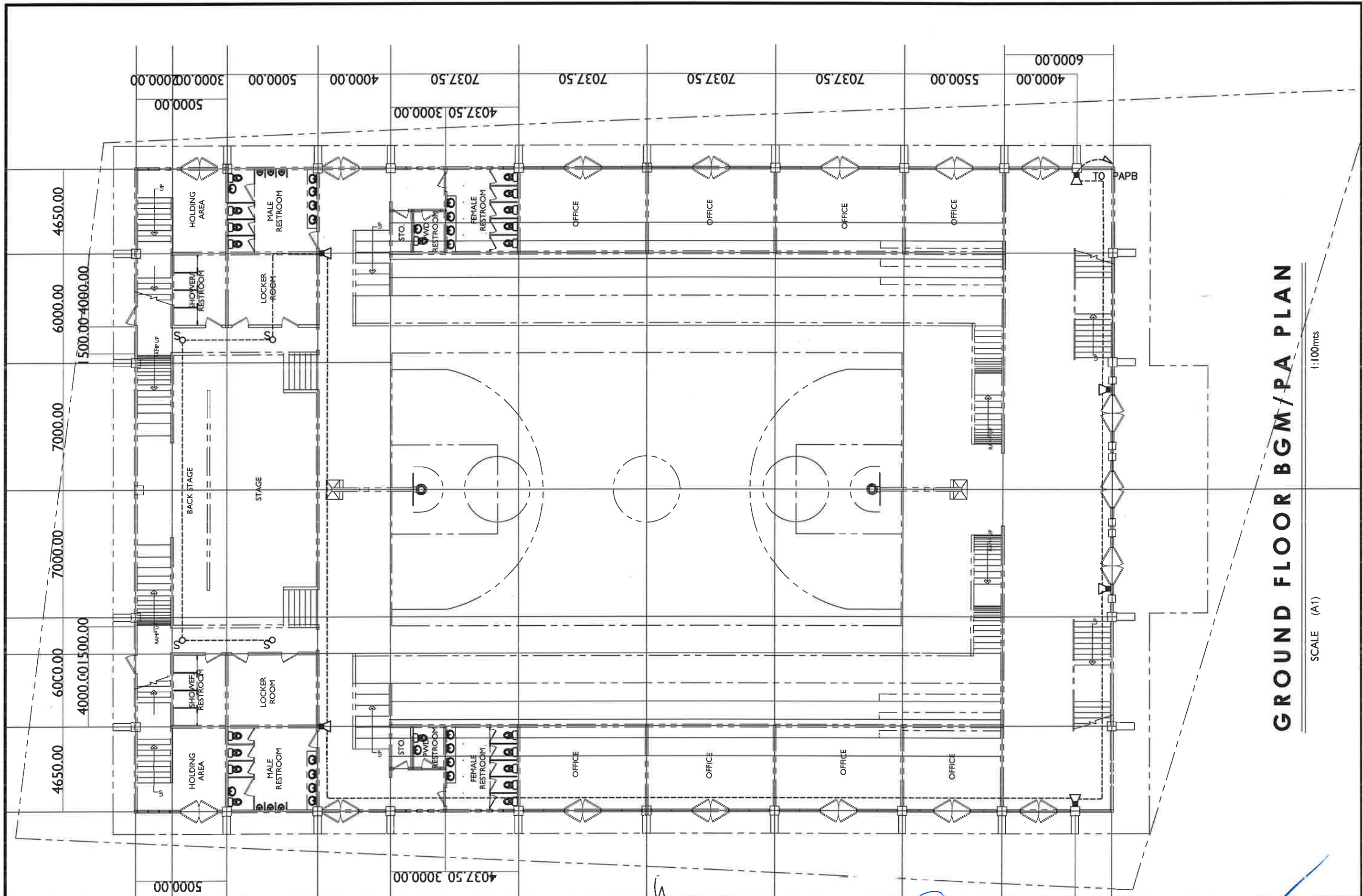
RECOMMENDED :
REGINA H. AGUSTIN
ASSISTANT DISTRICT ENGINEER
DATE:

APPROVED :
JOHN PAOLO S. TAN
OIC-DISTRICT ENGINEER
DATE:

SET NO. SHT. NO.
EC-8 46
67



REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS BATAAN FIRST DISTRICT ENGINEERING OFFICE REGIONAL OFFICE III ROMAN EXPRESSWAY MULAWIN, ORANI, BATAAN	PROJECT NAME AND LOCATION :	SHEET CONTENT :	DRAFTED BY :	REVIEWED BY :	SUBMITTED BY :	RECOMMENDED :	APPROVED :	SET NO.	SHT. NO.
	BASIC INFRASTRUCTURE PROGRAM - MULTI - PURPOSE BUILDINGS/FACILITIES TO SUPPORT SOCIAL SERVICE - CONSTRUCTION OF MULTI-PURPOSE BUILDING (GYMNASIUM), SAMAL, BATAAN	AS SHOWN	REYNALDO BLANTONIO DRAFTSMAN II ROLANDO P. SOLIMAN ARCHITECT II	CELIA W. RAMOS CHIEF, PLANNING AND DESIGN SECTION	REGINA H. AGUSTIN ASSISTANT DISTRICT ENGINEER	JOHN PAOLO S. TAN OIC-DISTRICT ENGINEER	EC-9	47 67	

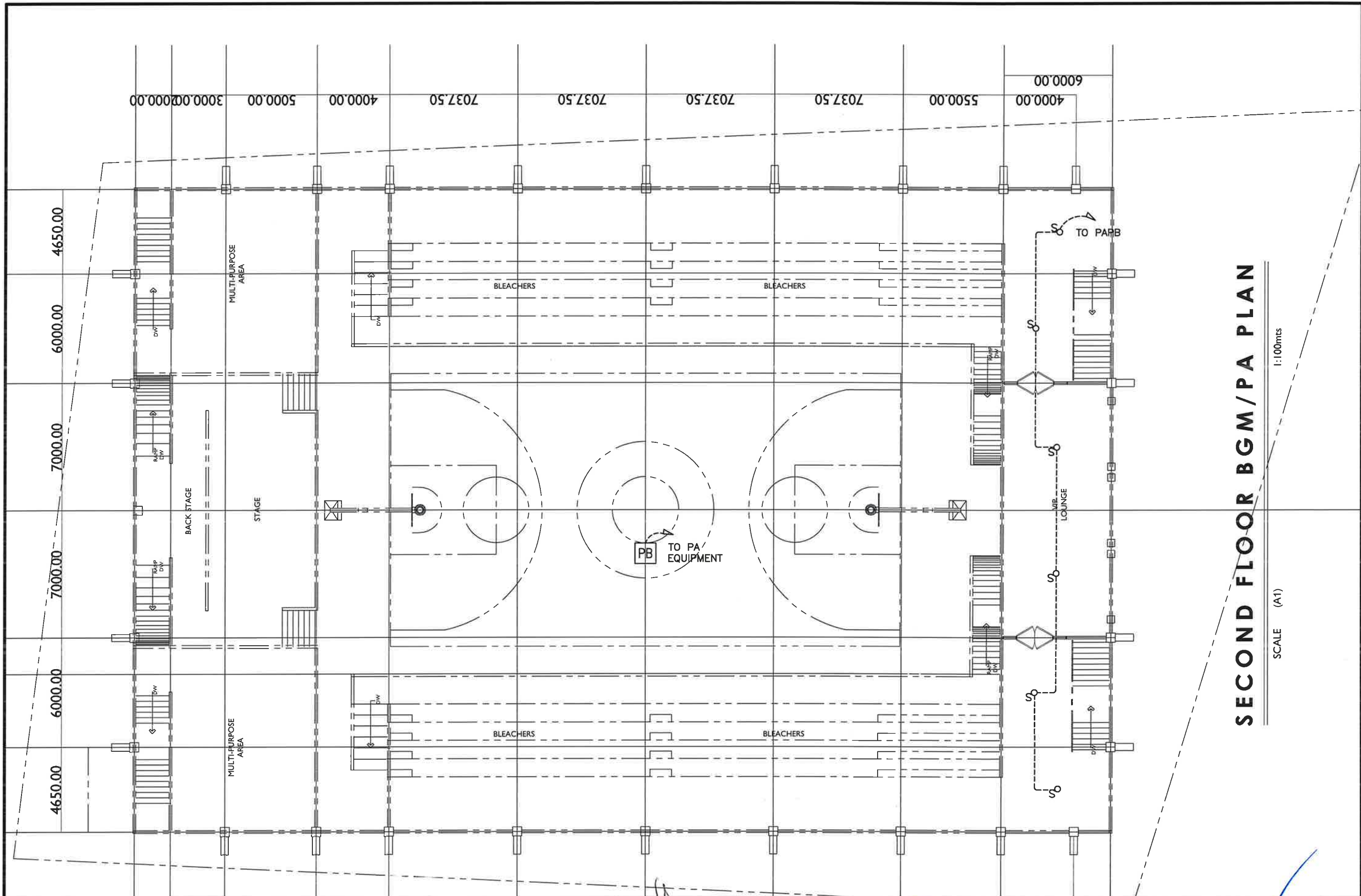


GROUND FLOOR BGM/PA PLAN

1:100mts

SCALE (A1)

REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS BATAAN FIRST DISTRICT ENGINEERING OFFICE REGIONAL OFFICE III ROMAN EXPRESSWAY MULAWIN, ORANI, BATAAN	PROJECT NAME AND LOCATION :	SHEET CONTENT :	DRAFTED BY :	REVIEWED BY :	SUBMITTED BY :	RECOMMENDED :	APPROVED :	SET NO.	SHT. NO.
	BASIC INFRASTRUCTURE PROGRAM - MULTI - PURPOSE BUILDINGS/FACILITIES TO SUPPORT SOCIAL SERVICE - CONSTRUCTION OF MULTI-PURPOSE BUILDING (GYMNASIUM), SAMAL, BATAAN	AS SHOWN	REYNALDO P. ANTONIO GRANTSMAN II		CELIA N. RAMOS CHIEF, PLANNING AND DESIGN SECTION	REGINA H. AGUSTIN ASSISTANT DISTRICT ENGINEER	JOHN PAULO S. TAN OIC-DISTRICT ENGINEER	EC-10	48 67

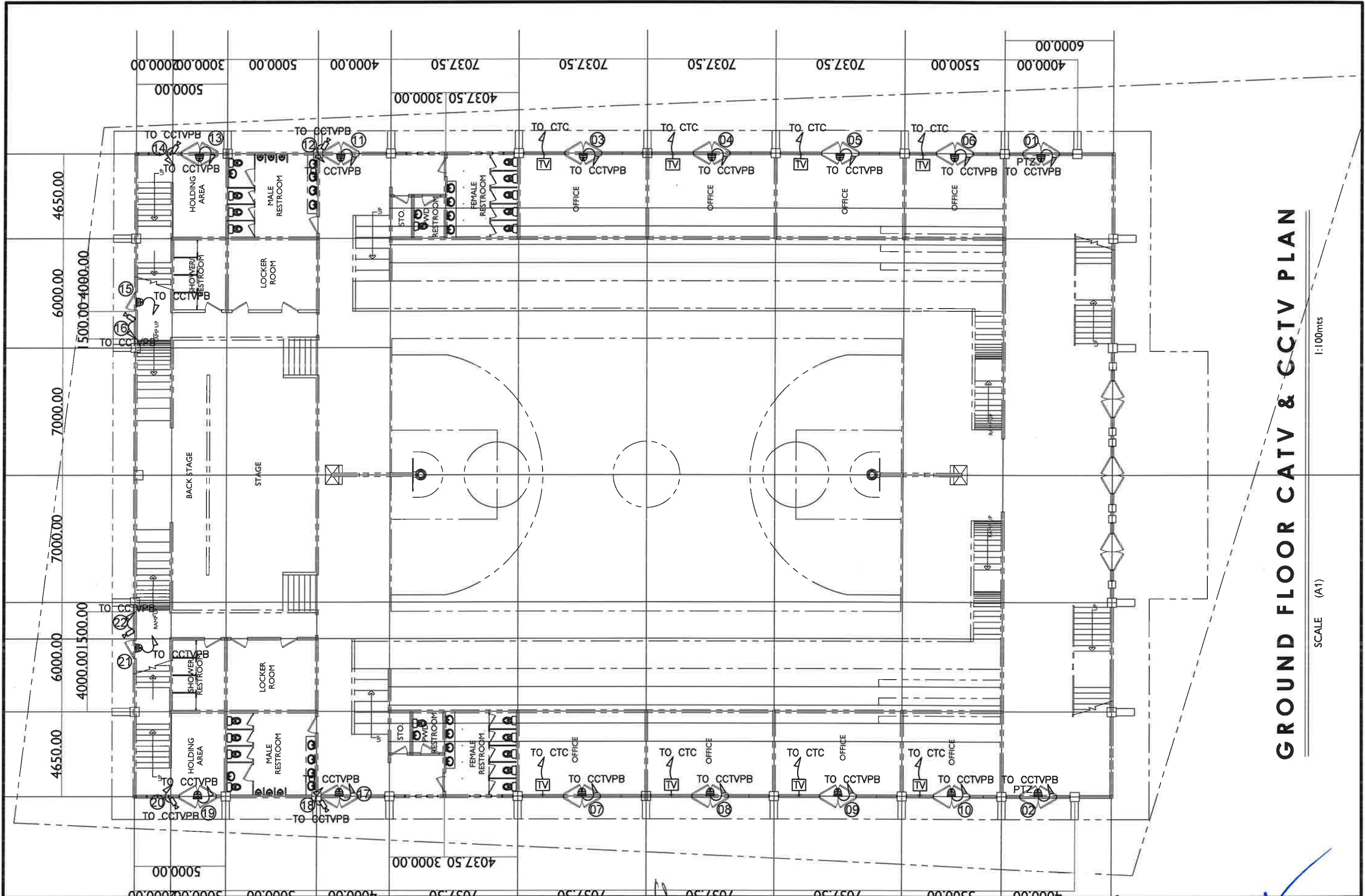


SECOND FLOOR BGM/PA PLAN

1:100mts

SCALE (A1)

REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS BATAAN FIRST DISTRICT ENGINEERING OFFICE REGIONAL OFFICE III ROMAN EXPRESSWAY MULAWIN, ORANI, BATAAN	PROJECT NAME AND LOCATION :	SHEET CONTENT :	DRAFTED BY :	REVIEWED BY :	SUBMITTED BY :	RECOMMENDED :	APPROVED :	SET NO.	SHT. NO.
	BASIC INFRASTRUCTURE PROGRAM - MULTI - PURPOSE BUILDINGS/FACILITIES TO SUPPORT SOCIAL SERVICE - CONSTRUCTION OF MULTI-PURPOSE BUILDING (GYMNASIUM), SAMAL, BATAAN	AS SHOWN	REYNALDO B. ANTONIO DRAFTSMAN II		CELIA M. RAMOS CHIEF, PLANNING AND DESIGN SECTION	REGINA H. AGUSTIN ASSISTANT DISTRICT ENGINEER	JOHN PADLO S. TAN OIC-DISTRICT ENGINEER	EC-11	49 67

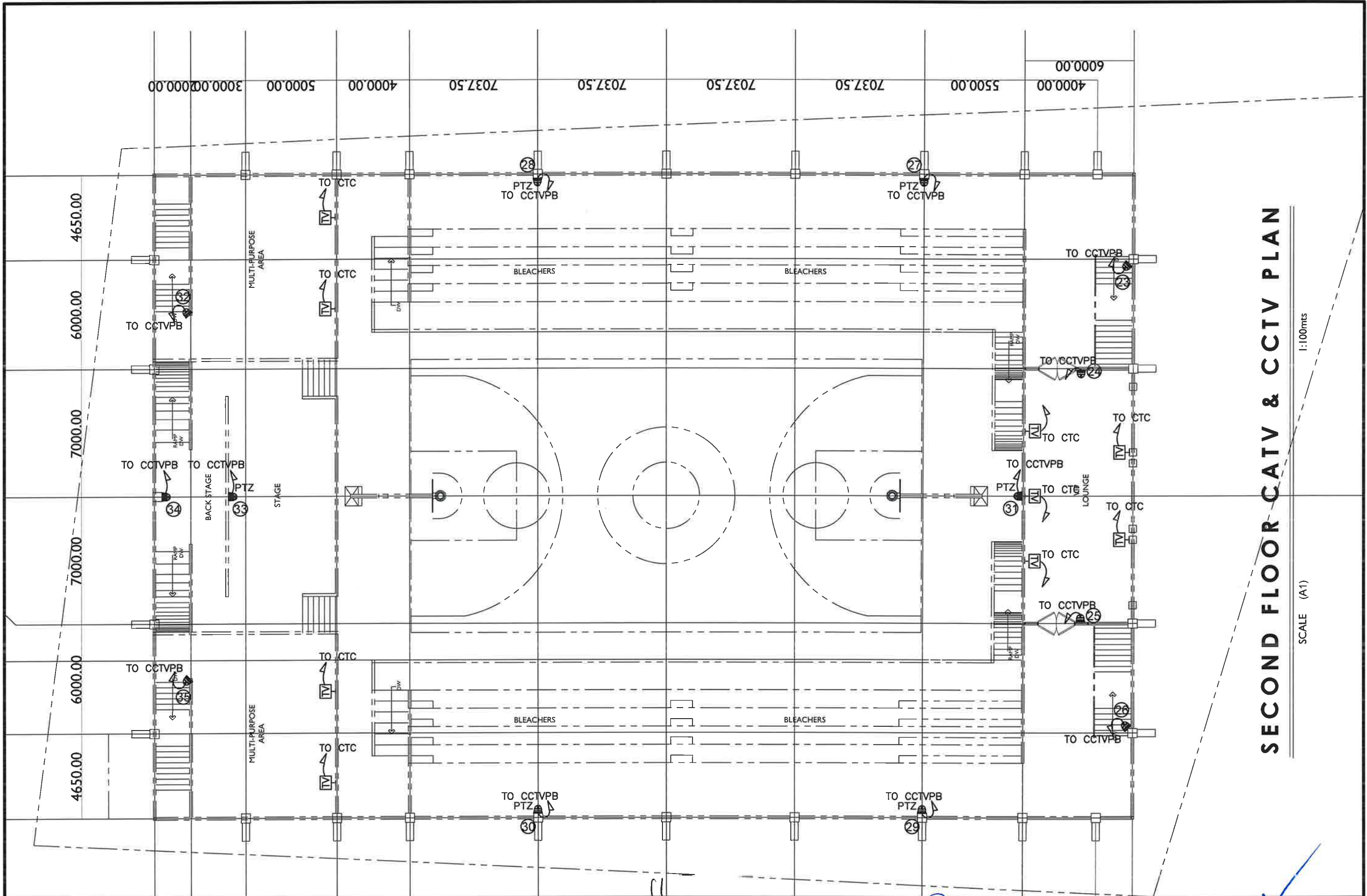


GROUND FLOOR CATV & CCTV PLAN

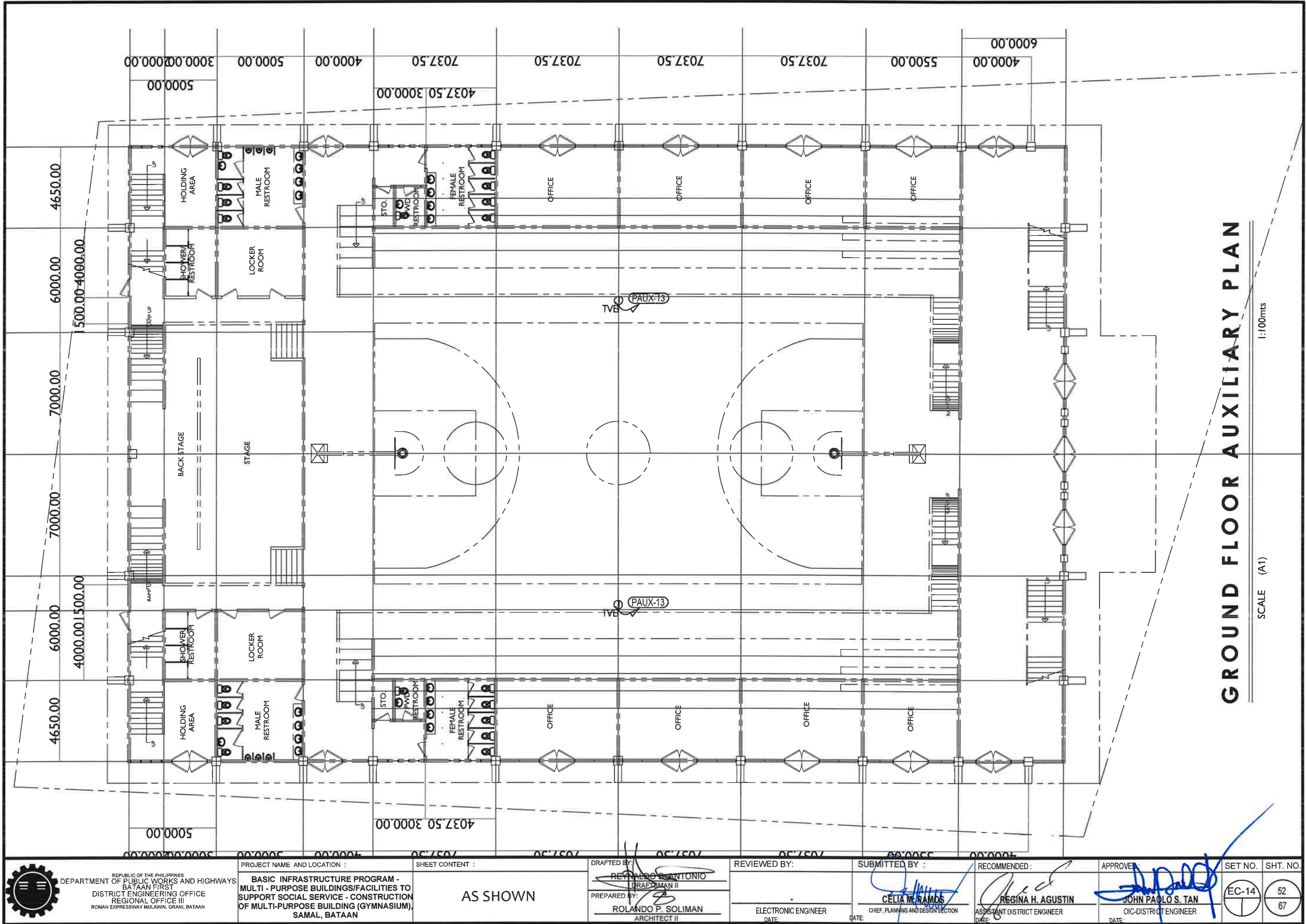
1:100mts

SCALE (A1)

REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS BATAAN FIRST DISTRICT ENGINEERING OFFICE REGIONAL OFFICE III ROMAN EXPRESSWAY MULAWIN, ORANI, BATAAN	PROJECT NAME AND LOCATION : BASIC INFRASTRUCTURE PROGRAM - MULTI - PURPOSE BUILDINGS/FACILITIES TO SUPPORT SOCIAL SERVICE - CONSTRUCTION OF MULTI-PURPOSE BUILDING (GYMNASIUM), SAMAL, BATAAN	SHEET CONTENT : AS SHOWN	DRAFTED BY: REYNALDO B. ANTONIO DRAFTSMAN II PREPARED BY: ROLANDO P. SOLIMAN ARCHITECT II	REVIEWED BY: ELECTRONIC ENGINEER DATE:	SUBMITTED BY : CELIA M. RAMOS CHIEF, PLANNING AND DESIGN SECTION DATE:	RECOMMENDED: REGINA H. AGUSTIN ASSISTANT DISTRICT ENGINEER DATE:	APPROVED: JOHN PADLO S. TAN OIC-DISTRICT ENGINEER DATE:	SET NO. EC-12	SHT. NO. 50 67



 REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS BATAAN FIRST DISTRICT ENGINEERING OFFICE REGIONAL OFFICE III ROMAN EXPRESSWAY MULAWIN, ORANI, BATAAN	PROJECT NAME AND LOCATION : BASIC INFRASTRUCTURE PROGRAM - MULTI - PURPOSE BUILDINGS/FACILITIES TO SUPPORT SOCIAL SERVICE - CONSTRUCTION OF MULTI-PURPOSE BUILDING (GYMNASIUM), SAMAL, BATAAN	SHEET CONTENT : AS SHOWN	DRAFTED BY: REYNALDO B. ANTONIO DRAFTSMAN II PREPARED BY: ROLANDO P. SOLIMAN ARCHITECT II	REVIEWED BY: ELECTRONIC ENGINEER DATE:	SUBMITTED BY : CELIA M. RAMOS CHIEF, PLANNING AND DESIGN SECTION DATE:	RECOMMENDED: REGINA H. AGUSTIN ASSISTANT DISTRICT ENGINEER DATE:	APPROVED: JOHN PAOLO S. TAN OIC-DISTRICT ENGINEER DATE:	SET NO. EC-13 SHT. NO. 51 67
---	---	--	--	--	--	--	---	--



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
BATAAN FIRST
DISTRICT ENGINEERING OFFICE
REGIONAL OFFICE III
ROMAN EXPRESSWAY MULAWIN, ORANI, BATAAN

PROJECT NAME AND LOCATION :
**BASIC INFRASTRUCTURE PROGRAM -
MULTI - PURPOSE BUILDINGS/FACILITIES TO
SUPPORT SOCIAL SERVICE - CONSTRUCTION
OF MULTI-PURPOSE BUILDING (GYMNASIUM),
SAMAL, BATAAN**

SHEET CONTENT :
AS SHOWN

DRAFTED BY:
REYNALDO S. ANTONIO
DRAFTERMAN II
PREPARED BY:
ROLANDO P. SOLIMAN
ARCHITECT II

REVIEWED BY:

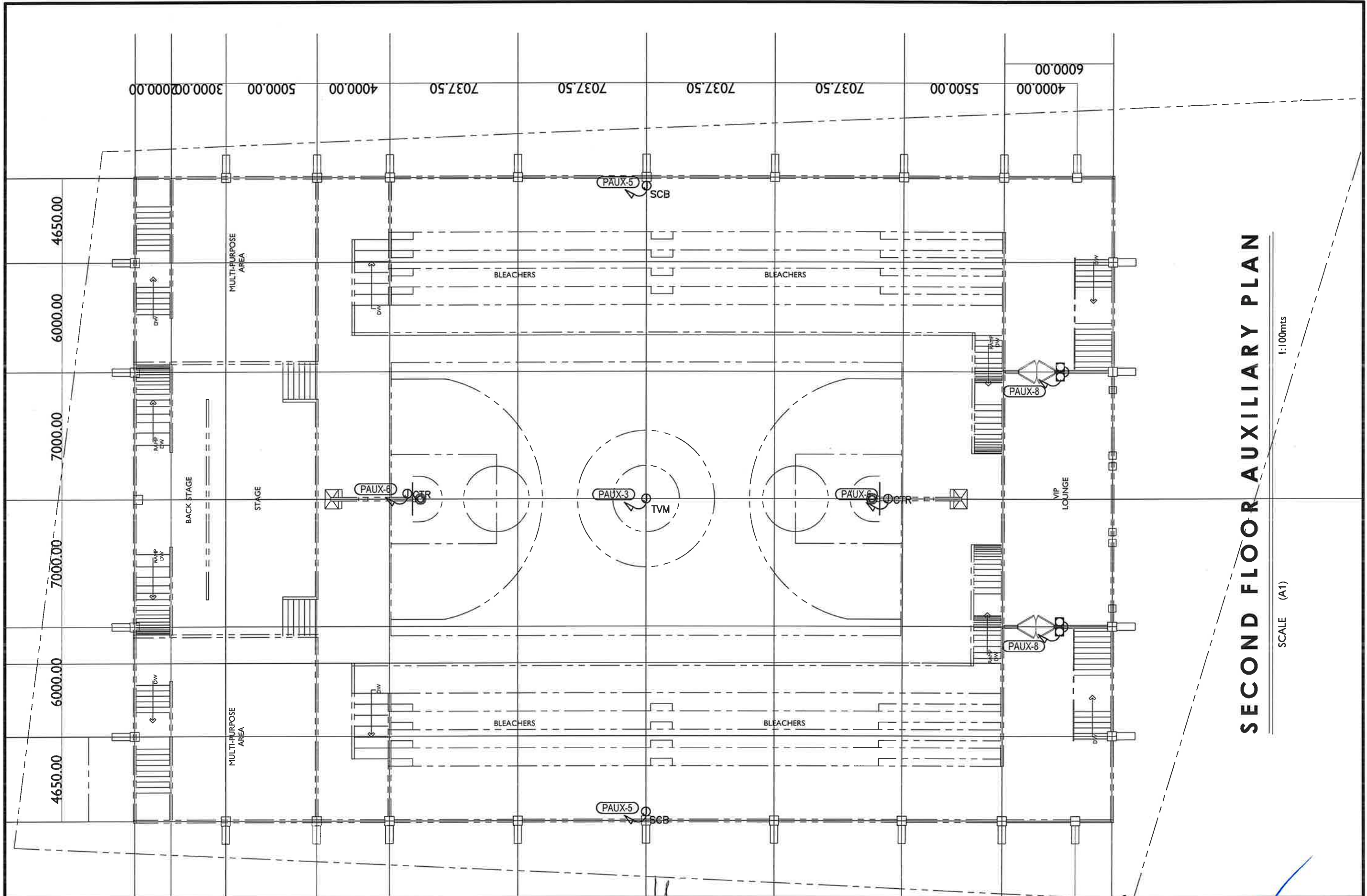
ELECTRONIC ENGINEER
DATE:

SUBMITTED BY :
CELIA M. RAMOS
CHIEF, PLANNING AND DESIGN SECTION
DATE:

RECOMMENDED:
REGINA H. AGUSTIN
ASSISTANT DISTRICT ENGINEER
DATE:

APPROVED:
JOHN PAOLO S. TAN
OIC-DISTRICT ENGINEER
DATE:

SET NO. **EC-14**
SHT. NO. **52**
67



SECOND FLOOR AUXILIARY PLAN

SCALE (A1) 1:100mts



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
BATAAN FIRST
DISTRICT ENGINEERING OFFICE
REGIONAL OFFICE III
ROMAN EXPRESSWAY MULAWIN, ORANI, BATAAN

PROJECT NAME AND LOCATION :
BASIC INFRASTRUCTURE PROGRAM -
MULTI - PURPOSE BUILDINGS/FACILITIES TO
SUPPORT SOCIAL SERVICE - CONSTRUCTION
OF MULTI-PURPOSE BUILDING (GYMNASIUM),
SAMAL, BATAAN

SHEET CONTENT :
AS SHOWN

DRAFTED BY:
REYNALDO B. ANTONIO
DRAFTSMAN II
PREPARED BY:
ROLANDO P. SOLIMAN
ARCHITECT II

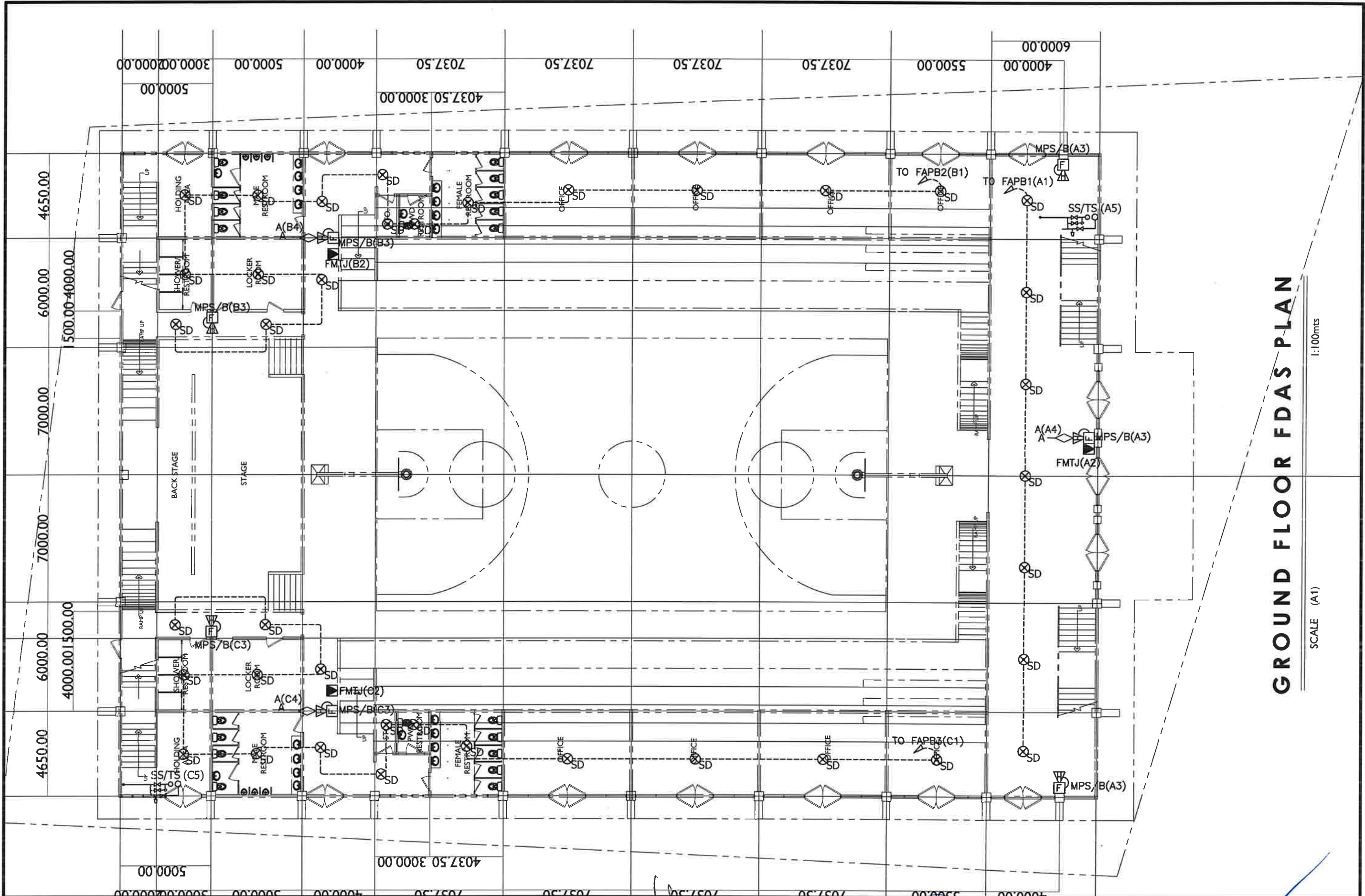
REVIEWED BY:
ELECTRONIC ENGINEER
DATE:

SUBMITTED BY :
CELIA M. RAMOS
CHIEF, PLANNING AND DESIGN SECTION
DATE:

RECOMMENDED :
REGINA H. AGUSTIN
ASSISTANT DISTRICT ENGINEER
DATE:

APPROVED :
JOHN PAOLO S. TAN
OIC-DISTRICT ENGINEER
DATE:

SET NO. EC-15
SHT. NO. 53
67

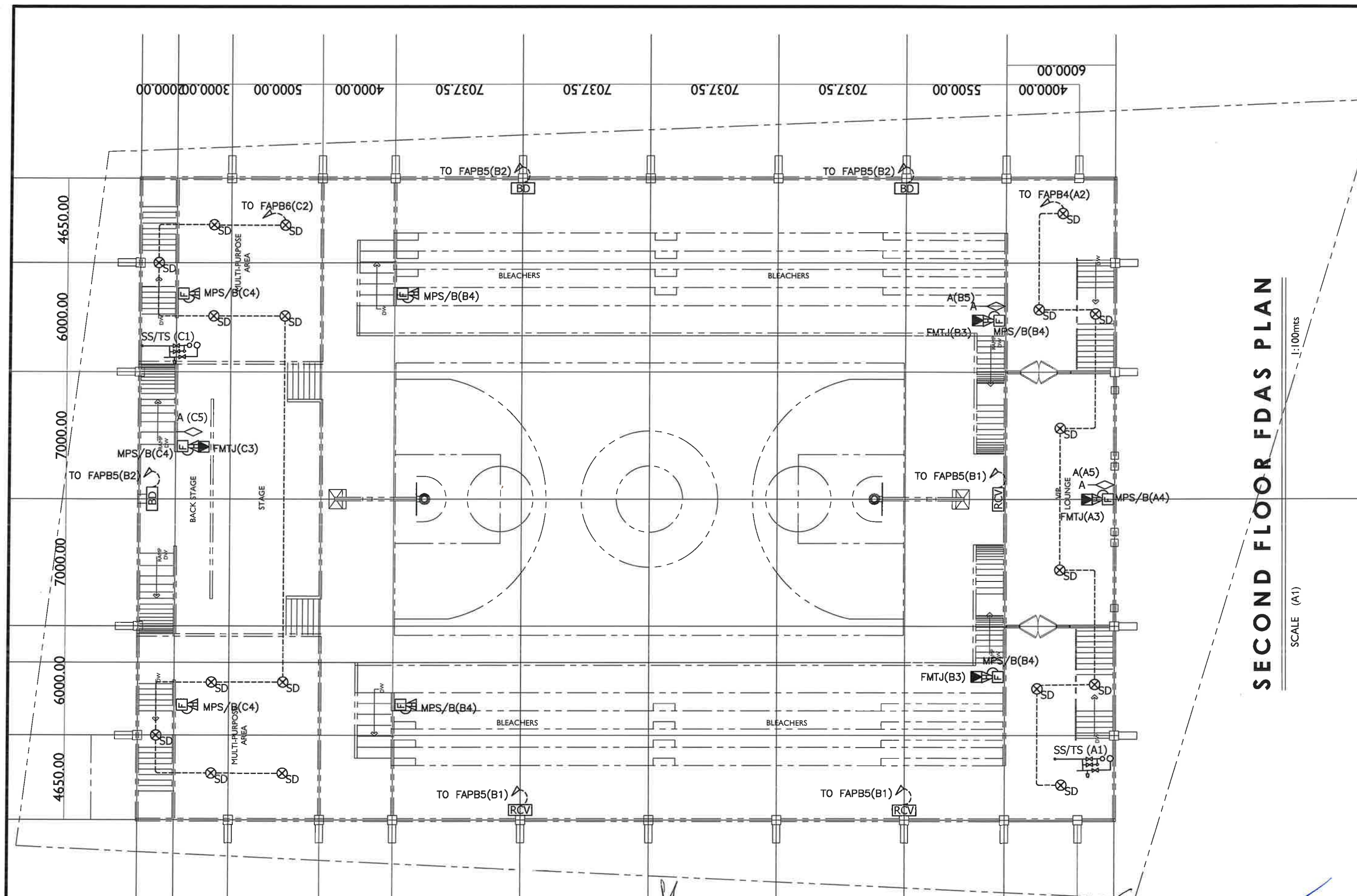


GROUND FLOOR FDAS PLAN

1:100mts

SCALE (A1)

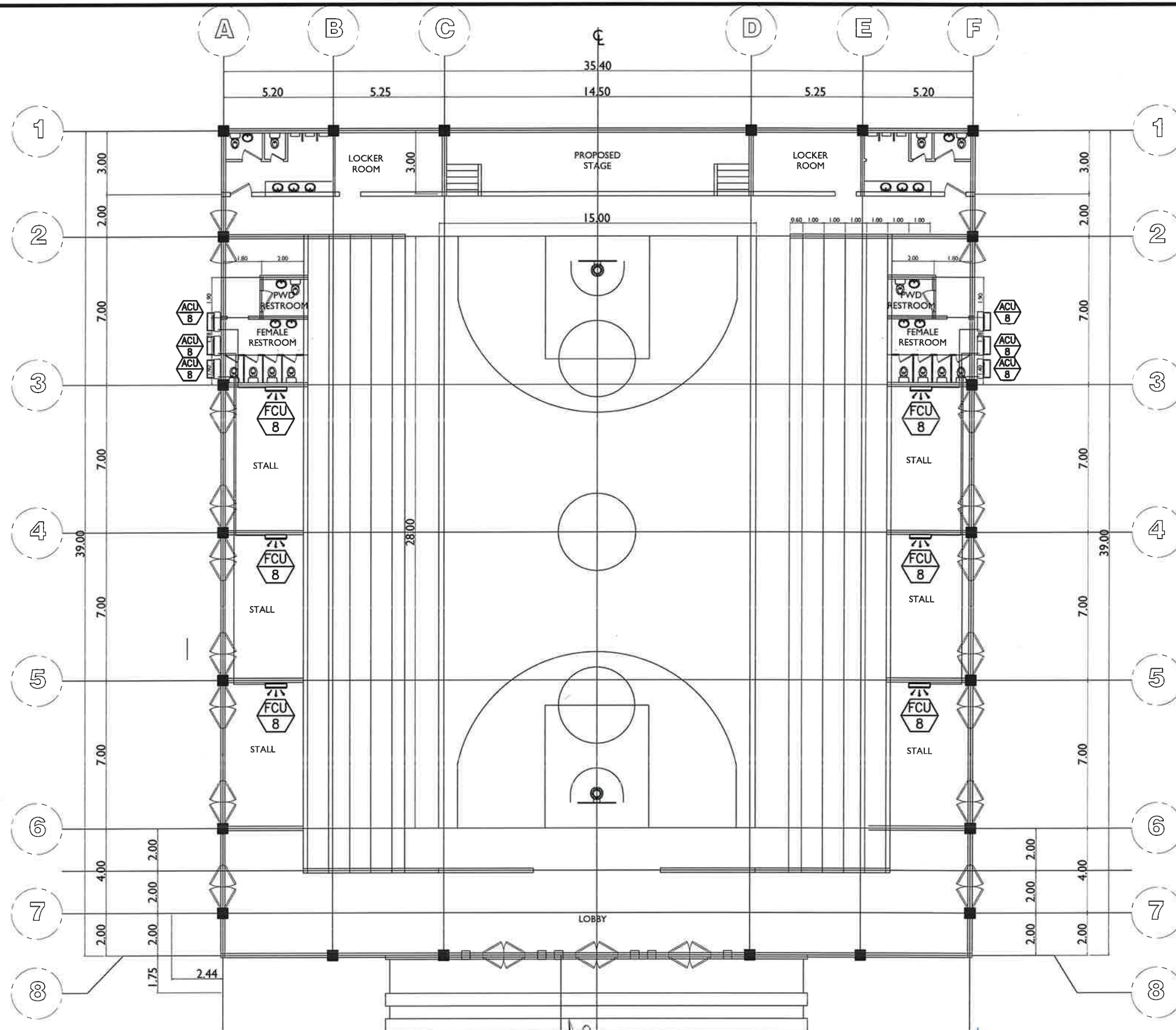
REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS DISTRICT ENGINEERING OFFICE REGIONAL OFFICE III ROMAN EXPRESSWAY MULAWIN, ORANI, BATAAN	PROJECT NAME AND LOCATION : BASIC INFRASTRUCTURE PROGRAM - MULTI - PURPOSE BUILDINGS/FACILITIES TO SUPPORT SOCIAL SERVICE - CONSTRUCTION OF MULTI-PURPOSE BUILDING (GYMNASIUM), SAMAL, BATAAN	SHEET CONTENT : AS SHOWN	DRAFTED BY : REYNALDO B. ANTONIO PREPARED BY : ROLANDO P. SOLIMAN	REVIEWED BY : ENGINEER II DATE :	SUBMITTED BY : CELIA M. RAMOS CHIEF, PLANNING AND DESIGN SECTION DATE :	RECOMMENDED : REGINA H. AGUSTIN ASSISTANT DISTRICT ENGINEER DATE :	APPROVED : JOHN PASCAL S. TAL OIC-DISTRICT ENGINEER DATE :	SET NO. EC-16	SHT. NO. 54 67



SECOND FLOOR FAS PLAN

SCALE (A1) 1:100mts

 REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS BATAAN FIRST DISTRICT ENGINEERING OFFICE REGIONAL OFFICE III ROMAN EXPRESSWAY MULAWIN, ORANI, BATAAN	PROJECT NAME AND LOCATION : BASIC INFRASTRUCTURE PROGRAM - MULTI - PURPOSE BUILDINGS/FACILITIES TO SUPPORT SOCIAL SERVICE - CONSTRUCTION OF MULTI-PURPOSE BUILDING (GYMNASIUM), SAMAL, BATAAN	SHEET CONTENT : AS SHOWN	DRAFTED BY: REYNALDO B. ANTONIO DRAFTSMAN II PREPARED BY: ROLANDO P. SOLIMAN ARCHITECT II	REVIEWED BY: ENGINEER II DATE:	SUBMITTED BY : CELIA M. RAMOS CHIEF, PLANNING AND DESIGN SECTION DATE:	RECOMMENDED: REGINA H. AGUSTIN ASSISTANT DISTRICT ENGINEER DATE:	APPROVED : JOHN PAOLO S. CAN OIC-DISTRICT ENGINEER DATE:	SET NO. SHT. NO. EC-17 55 67
---	---	---	--	--	--	--	--	---



STALL FLOOR AIRCONDITIONING SYSTEM

SCALE 1:100mts



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
BATAAN FIRST
DISTRICT ENGINEERING OFFICE
REGIONAL OFFICE III
ROMAN EXPRESSWAY MULAWIN, ORANI, BATAAN

PROJECT NAME AND LOCATION :
BASIC INFRASTRUCTURE PROGRAM -
MULTI - PURPOSE BUILDINGS/FACILITIES TO
SUPPORT SOCIAL SERVICE - CONSTRUCTION
OF MULTI-PURPOSE BUILDING (GYMNASIUM),
SAMAL, BATAAN

SHEET CONTENT :
AS SHOWN

DRAFTED BY:
REYNALDO B. ANTONIO
DRAFTSMAN II
PREPARED BY:
ROLANDO P. SOLIMAN
ARCHITECT II

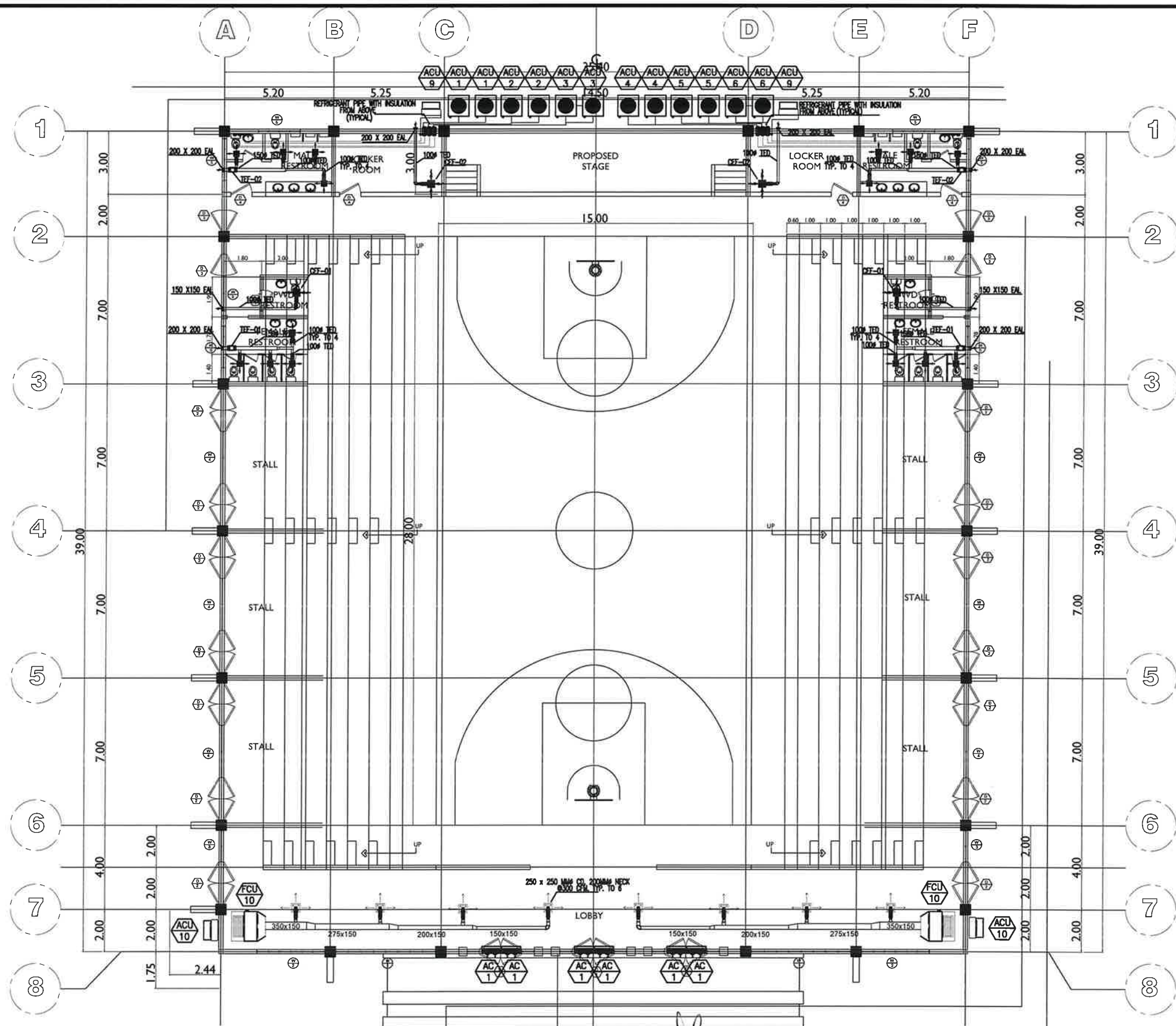
REVIEWED BY:
ADRIAN M. DE GUZMAN
ENGINEER II
DATE:

SUBMITTED BY :
CELIA M. RANOS
CHIEF, PLANNING AND DESIGN SECTION
DATE:

RECOMMENDED :
REGINA H. AGUSTIN
ASSISTANT DISTRICT ENGINEER
DATE:

APPROVED :
JOHN PAOLO S. TAN
OIC-DISTRICT ENGINEER
DATE:

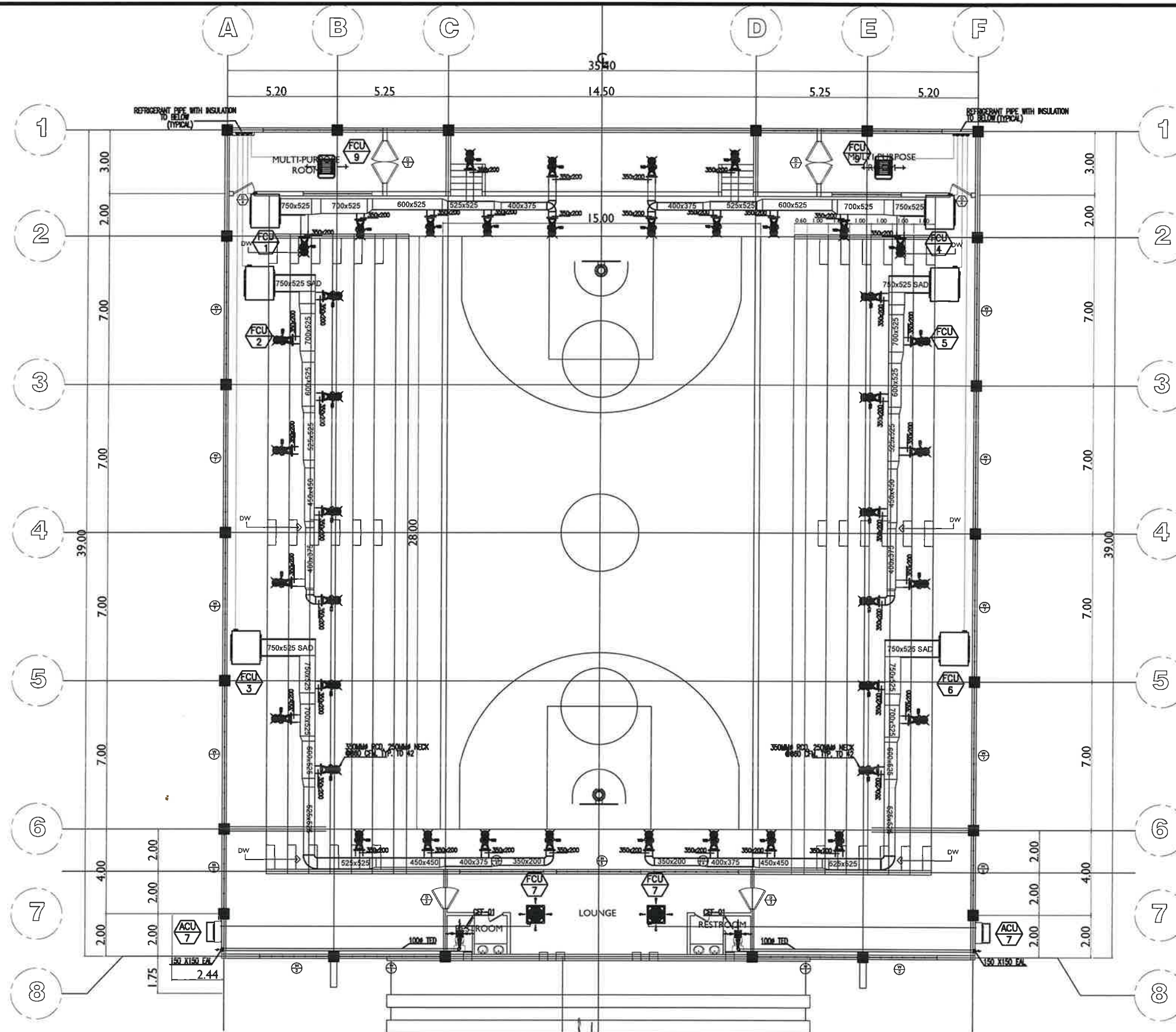
SET NO. SHT. NO.
M-1 56
65



GROUND FLOOR AIRCONDITIONING AND EXHAUST SYSTEM

SCALE 1:100mts

REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS BATAAN FIRST DISTRICT ENGINEERING OFFICE REGIONAL OFFICE III ROMAN EXPRESSWAY MULAWIN, ORANI, BATAAN	PROJECT NAME AND LOCATION :	SHEET CONTENT :	DRAFTED BY :	REVIEWED BY :	SUBMITTED BY :	RECOMMENDED :	APPROVED :	SET NO.	SHT. NO.
	BASIC INFRASTRUCTURE PROGRAM - MULTI - PURPOSE BUILDINGS/FACILITIES TO SUPPORT SOCIAL SERVICE - CONSTRUCTION OF MULTI-PURPOSE BUILDING (GYMNASIUM), SAMAL, BATAAN	AS SHOWN	REYNALDO B. ANTONIO DRAFTSMAN II	ADRIAN M. DE GUZMAN ENGINEER II	CELIA M. RAMOS CHIEF, PLANNING AND DESIGN SECTION	REGINA H. AGUSTIN ASSISTANT DISTRICT ENGINEER	JOHN PAOLO S. TAN OIC-DISTRICT ENGINEER	M-2	57 65
			ROLANDO P. SOLIMAN ARCHITECT II	DATE:	DATE:	DATE:	DATE:		



SECOND FLOOR AIRCONDITIONING AND EXHAUST SYSTEM

1:100mts

SCALE



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
BATAAN FIRST
DISTRICT ENGINEERING OFFICE
REGIONAL OFFICE III
ROMAN EXPRESSWAY MULAWIN, ORANI, BATAAN

PROJECT NAME AND LOCATION :
BASIC INFRASTRUCTURE PROGRAM -
MULTI - PURPOSE BUILDINGS/FACILITIES TO
SUPPORT SOCIAL SERVICE - CONSTRUCTION
OF MULTI-PURPOSE BUILDING (GYMNASIUM),
SAMAL, BATAAN

SHEET CONTENT :

AS SHOWN

DRAFTED BY:
REYNALDO B. ANTONIO
DRAFTSMAN II
PREPARED BY:
ROLANDO P. SOLIMAN
ARCHITECT II

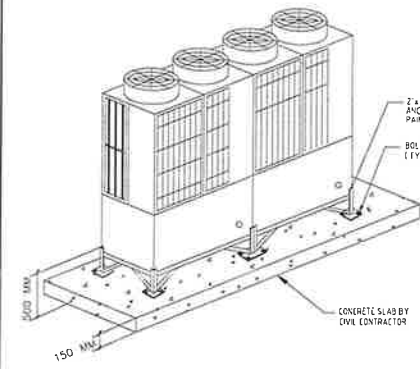
REVIEWED BY:
ADRIAN M. DE GUZMAN
ENGINEER II
DATE:

SUBMITTED BY :
CELIA M. RAMOS
CHIEF, PLANNING AND DESIGN SECTION
DATE:

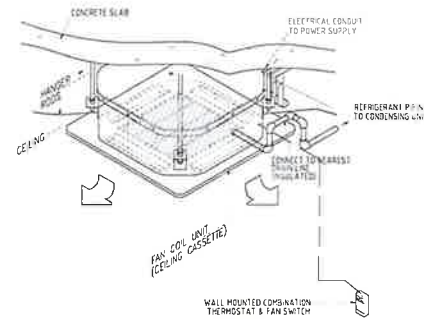
RECOMMENDED :
REGINA H. AGUSTIN
ASSISTANT DISTRICT ENGINEER
DATE:

APPROVED :
JOHN PAOLO S. TAN
OIC-DISTRICT ENGINEER
DATE:

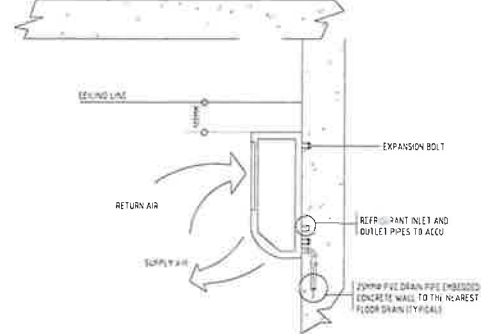
SHEET NO. SHT. NO.
M-3 58
65



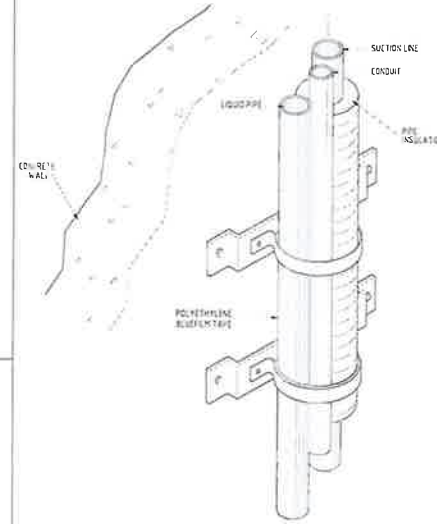
1 VRF MOUNTING DETAIL
M-08 SCALE NTS



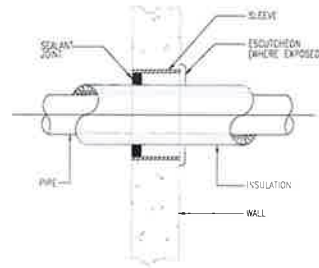
2 CEILING CASSETTE ACU MOUNTING DETAIL
M-08 SCALE NTS



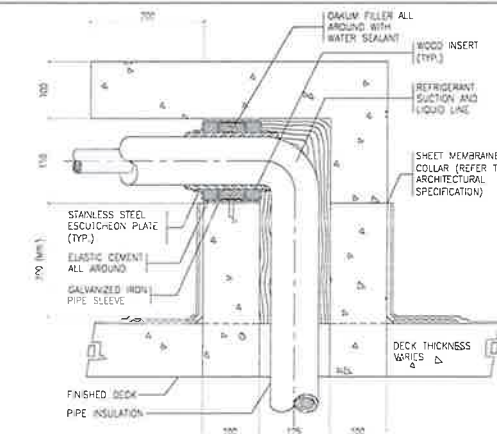
3 WALL MOUNTED ACU MOUNTING DETAIL
M-08 SCALE NTS



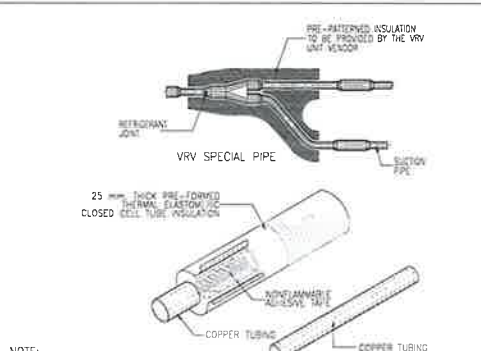
4 PROPELLER WALL MOUNTED FAN DETAIL
M-08 SCALE NTS



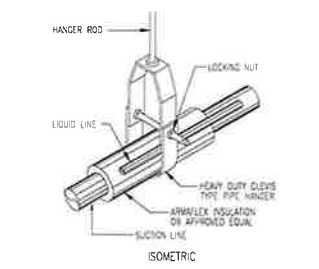
5 PIPE SLEEVE DETAIL
M-08 SCALE NTS



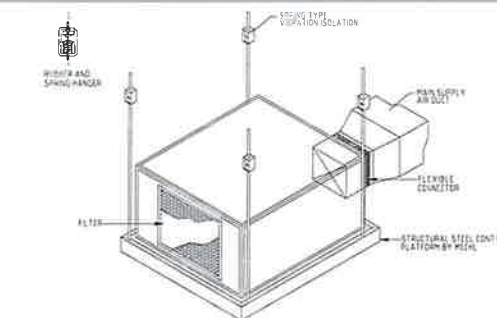
6 PIPE PENETRATION THRU ROOF DETAIL
M-08 SCALE NTS



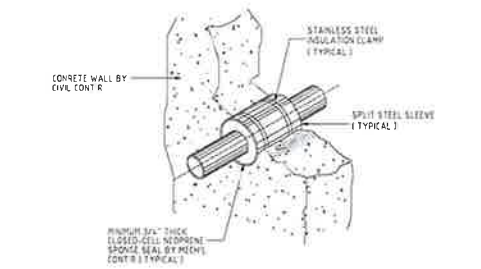
7 REFRIGERANT PIPE INSULATION DETAIL
M-08 SCALE NTS



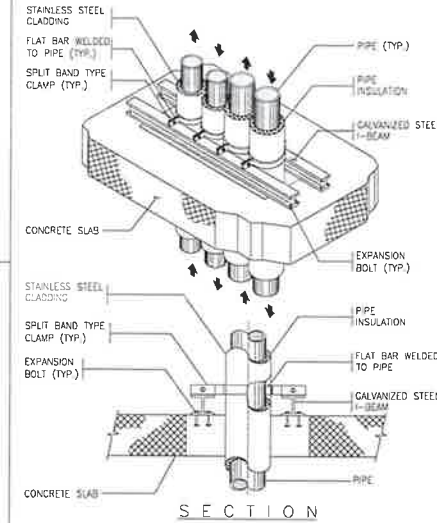
8 PIPE SUPPORT DETAIL
M-08 SCALE NTS



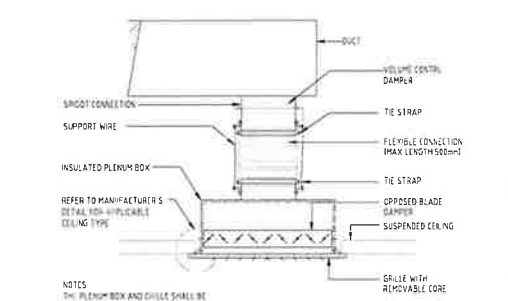
9 CEILING CONCEALED ACU MOUNTING DETAIL
M-08 SCALE NTS



10 PIPE PENETRATION THRU WALL DETAIL
M-08 SCALE NTS



11 PIPE RISER SUPPORT DETAIL
M-08 SCALE NTS

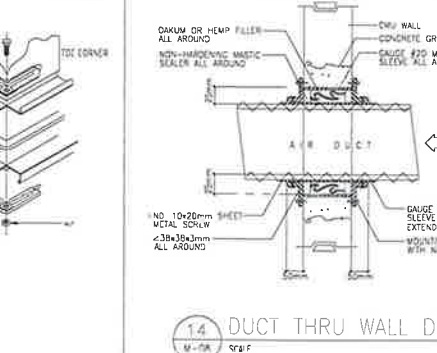
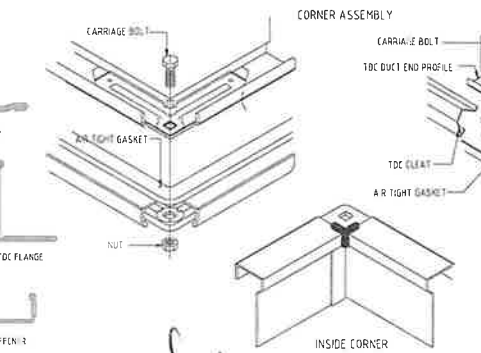
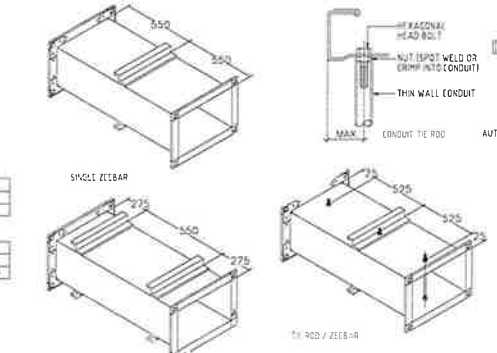


12 AIR DIFFUSER TYP. CONNECTION DETAIL
M-08 SCALE NTS

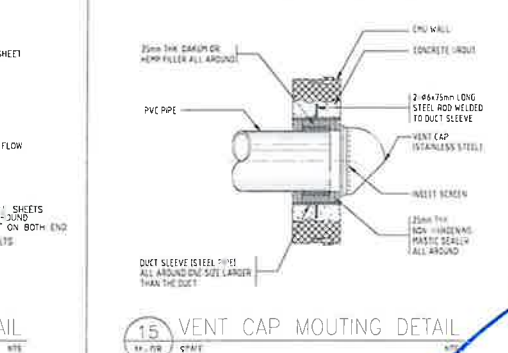
SCHEDULE OF GALVANIZED STEEL GAUGES FOR RECTANGULAR DUCT (EXPOSED TO WEATHER)				
STATIC PRESSURE RANGE (Pa)	PRESSURE CLASS	#18	#16	#14
UP TO 100 Pa	LOW	1.50	1.50	1.50
100 TO 300 Pa	MED	1.50	1.50	1.50
300 TO 500 Pa	HIGH	1.50	1.50	1.50

SCHEDULE OF GALVANIZED STEEL GAUGES FOR RECTANGULAR DUCT (INDOOR)				
STATIC PRESSURE RANGE (Pa)	PRESSURE CLASS	#18	#16	#14
UP TO 100 Pa	LOW	1.50	1.50	1.50
100 TO 300 Pa	MED	1.50	1.50	1.50
300 TO 500 Pa	HIGH	1.50	1.50	1.50

13 DUCT CONSTRUCTION DETAIL
M-08 SCALE NTS



14 DUCT THRU WALL DETAIL
M-08 SCALE NTS



15 VENT CAP MOUNTING DETAIL
M-08 SCALE NTS



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
BATAAN FIRST
DISTRICT ENGINEERING OFFICE
REGIONAL OFFICE II
ROMAN EXPRESSWAY MULAMIN, ORANI, BATAAN

PROJECT NAME AND LOCATION :
**BASIC INFRASTRUCTURE PROGRAM -
MULTI - PURPOSE BUILDINGS/FACILITIES TO
SUPPORT SOCIAL SERVICE - CONSTRUCTION
OF MULTI-PURPOSE BUILDING (GYMNASIUM),
SAMAL, BATAAN**

SHEET CONTENT :
AS SHOWN

DRAFTED BY :
REYNALDO B. ANTONIO
DRAFTSMAN II
PREPARED BY :
ROLANDO P. SOLIMAN
ARCHITECT II

REVIEWED BY :
ADRIAN M. DE GUZMAN
ENGINEER II
DATE :

SUBMITTED BY :
CELIA M. MANOS
CHIEF, PLANNING AND DESIGN SECTION
DATE :

RECOMMENDED :
REGINA H. AGUSTIN
ASSISTANT DISTRICT ENGINEER
DATE :

APPROVED :
JOHN PAULO S. TAN
DIC-DISTRICT ENGINEER
DATE :

SET NO. :
M-4
SHT. NO. :
59
65