1 SECOND FLOOR FIRE DETECTION AND ALARM SYSTEM LAYOUT

SCALE 1:100 METERS (24 x 36)

Republika ng Pilipinas
Lungsod ng Quezon
CITY ARCHITECT DEPARTMENT
5F CIVIC CENTER - D BRO. Bldg., QUEZON CITY HALL COMPOUND,
ELLIPTICAL ROAD, DILIMAN, QUEZON CITY

PROVISO:

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APPROVED BY:

HON. MA. JOSEFINA G. BELMONTE
MAYOR

PROJECT TITLE:

PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING INCLUDING LAND DEVELOPMENT

LOCATION: BRGY. BAGBAG, NOVALICHES, QC

SHEET CONTENTS:

SECOND FLOOR FIRE DETECTION AND ALARM SYSTEM LAYOUT

PROJECT NO.:

DATE	August 2019
DRAWN BY	M.A.F.
DESIGNED BY	Engr. E.R.Sibugao
CHECKED BY	Engr. E.R.Sibugao

SHEET NO.: EL-31

1 THIRD FLOOR FIRE DETECTION AND ALARM SYSTEM LAYOUT

SCALE 1:100 METERS (24 x 36)

Republika ng Pilipinas
Lungsod ng Quezon
CITY ARCHITECT DEPARTMENT
5F CIVIC CENTER - D (BRO. EBJ), QUEZON CITY HALL COMPOUND, ELLIPTICAL ROAD, DILIMAN, QUEZON CITY

PROVISO

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PROJECT TITLE:
PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING INCLUDING LAND DEVELOPMENT

LOCATION: BRGY. BAGBAG, NOVALICHES, QC

SHEET CONTENTS:
THIRD FLOOR FIRE DETECTION AND ALARM SYSTEM LAYOUT

PROJECT NO.:

DATE	August 2019
DRAWN BY	M.A.F.
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SHEET NO.: EL-32

1 FOURTH FLOOR FIRE DETECTION AND ALARM SYSTEM LAYOUT

SCALE 1:100 METERS (24 x 36)

Republika ng Pilipinas
Lungsod ng Quezon
CITY ARCHITECT DEPARTMENT
5F CIVIC CENTER - D (SRO, Bldg), QUEZON CITY HALL COMPOUND,
ELIPTICAL ROAD, DILIMAN, QUEZON CITY

PROVISO:

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HON. MA. JOSEFINA G. BELMONTE
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PROJECT TITLE:

PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING INCLUDING LAND DEVELOPMENT

LOCATION : BRGY. BAGBAG, NOVALICHES, QC

SHEET CONTENTS:

FOURTH FLOOR FIRE DETECTION AND ALARM SYSTEM LAYOUT

PROJECT NO.:

DATE	August 2019
DRAWN BY	M.A.F.
DESIGNED BY	Engr. E.R.Sibucao
CHECKED BY	Engr. E.R.Sibucao

SHEET NO.:

EL-33

1 FIFTH FLOOR FIRE DETECTION AND ALARM SYSTEM LAYOUT (NOT INCLUDED IN THIS PROGRAM)

SCALE 1:100 METERS (24 x 36)

Republika ng Pilipinas
Lungsod ng Quezon
CITY ARCHITECT DEPARTMENT
SF CMO CENTER - D (BRO. Bag), QUEZON CITY HALL COMPOUND,
ELIPTICAL ROAD, DILIMAN, QUEZON CITY

PROVISO:

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APPROVED BY:

HON. MA. JOSEFINA G. BELMONTE
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PROJECT TITLE:

PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING INCLUDING LAND DEVELOPMENT

LOCATION: BRGY. BAGBAG, NOVALICHES, QC

SHEET CONTENTS:

FIFTH FLOOR FIRE DETECTION AND ALARM SYSTEM LAYOUT

PROJECT NO.:

DATE	August 2019
DRAWN BY	M.A.F
DESIGNED BY	Engr. E.R.Sibocao
CHECKED BY	Engr. E.R.Sibocao

SHEET NO.: EL-34

1 SIXTH FLOOR FIRE DETECTION AND ALARM SYSTEM LAYOUT (NOT INCLUDED IN THIS PROGRAM)

SCALE 1:100 METERS (24 x 36)

Republika ng Pilipinas
Lungsod ng Quezon
CITY ARCHITECT DEPARTMENT
SF CIVIC CENTER - D BRIO Bldg. QUEZON CITY HALL COMPOUND, ELLIPTICAL ROAD, DILIMAN, QUEZON CITY

PROVISO.

RECOMMENDING APPROVAL

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APPROVED BY:

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MAYOR
Q.C.

PROJECT TITLE:
PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING INCLUDING LAND DEVELOPMENT

LOCATION: BRGY. BAGBAG, NOVALICHES, QC

SHEET CONTENTS:
SIXTH FLOOR FIRE DETECTION AND ALARM SYSTEM LAYOUT

PROJECT NO.:

DATE	August 2019
DRAWN BY	M.A.E.
DESIGNED BY	Engr. E.R. Sibucao
CHECKED BY	Engr. E.R. Sibucao

SHEET NO.: EL-35

1 SEVENTH FLOOR FIRE DETECTION AND ALARM SYSTEM LAYOUT (NOT INCLUDED IN THIS PROGRAM)

Republika ng Pilipinas
Lungsod ng Quezon
CITY ARCHITECT DEPARTMENT
SFC CIVIC CENTER - D BRO. Bldg, QUEZON CITY HALL COMPOUND, ELLIPTICAL ROAD, DILIMAN, QUEZON CITY

PROVISO:

RECOMMENDING APPROVAL

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APPROVED BY:

HON. MA. JOSEFINA G. BELMONTE
MAYOR

PROJECT TITLE:
PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING INCLUDING LAND DEVELOPMENT
LOCATION: BRGY. BAGBAG, NOVALICHES, QC

SHEET CONTENTS:
SEVENTH FLOOR FIRE DETECTION AND ALARM SYSTEM LAYOUT

SCALE 1:100 METERS (24 x 36)

PROJECT NO.:

SHEET NO.: EL-36

DATE	August 2019
DRAWN BY	M.A.F.
DESIGNED BY	Engr. E.R.Sibucao
CHECKED BY	Engr. E.R.Sibucao

1 EIGHTH FLOOR FIRE DETECTION AND ALARM SYSTEM LAYOUT (NOT INCLUDED IN THIS PROGRAM)

SCALE 1:100 METERS (24 x 36)

Republika ng Pilipinas
Lungsod ng Quezon
CITY ARCHITECT DEPARTMENT
6F CIVIC CENTER - QUIRINO AVE., QUEZON CITY HALL COMPOUND, ELIPTICAL ROAD, DILIMAN, QUEZON CITY

PROVISO:

RECOMMENDING APPROVAL

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ENGR. ISAGANI R. VERZOSA, JR
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APPROVED BY:

HON. MA. JOSEFINA G. BELMONTE
MAYOR

PROJECT TITLE:
PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING INCLUDING LAND DEVELOPMENT

LOCATION: BRGY. BAGBAG, NOVALICHES, QC

SHEET CONTENTS:
EIGHTH FLOOR FIRE DETECTION AND ALARM SYSTEM LAYOUT

DATE	August 2019
DRAWN BY	M.A.F.
DESIGNED BY	Engr. E.R.Sibucao
CHECKED BY	Engr. E.R.Sibucao

PROJECT NO.:

SHEET NO.: EL-37

1 AUDITORIUM FLOOR FIRE DETECTION AND ALARM SYSTEM LAYOUT (NOT INCLUDED IN THIS PROGRAM)

SCALE 1:100 METERS (24 x 36)

Republika ng Pilipinas
Lungsod ng Quezon
CITY ARCHITECT DEPARTMENT
SP CIVIC CENTER - D-BRO. Bldg. QUEZON CITY HALL COMPOUND, ELLIPTICAL ROAD, DILIMAN, 1100 QUEZON CITY

PROVISO:

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PROJECT TITLE:
PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING INCLUDING LAND DEVELOPMENT
LOCATION : BRGY. BAGBAG, NOVALICHES, QC

SHEET CONTENTS:
AUDITORIUM FLOOR FIRE DETECTION AND ALARM SYSTEM LAYOUT

PROJECT NO.:

DATE	August 2019
DRAWN BY	M.A.F.
DESIGNED BY	Engr. E.R. Sibucao
CHECKED BY	Engr. E.R. Sibucao

SHEET NO.: EL-38

1 LOWER DECK FIRE DETECTION AND ALARM SYSTEM LAYOUT (NOT INCLUDED IN THIS PROGRAM)

SCALE 1:100 METERS (24 x 36)

Republika ng Pilipinas
Lungsod ng Quezon
CITY ARCHITECT DEPARTMENT
5F CIVIC CENTER - D (BBD, BBB), QUEZON CITY HALL COMPOUND,
ELIPTICAL ROAD, DILIMAN, QUEZON CITY

PROVISO:

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PROJECT TITLE :
PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING INCLUDING LAND DEVELOPMENT
LOCATION : BRGY. BAGBAG, NOVALICHES, QC

SHEET CONTENTS :
LOWER DECK FIRE DETECTION AND ALARM SYSTEM LAYOUT

PROJECT NO.:	
DATE	August 2019
DRAWN BY	M.A.F.
DESIGNED BY	Engr. E.R.Sibucao
CHECKED BY	Engr. E.R.Sibucao

SHEET NO.: EL-39

1 SITE DEVELOPMENT PLAN CCTV AND TELCO ENTRANCE LINE LAYOUT

SCALE 1:100 METERS (24 x 36)

Republika ng Pilipinas
Lungsod ng Quezon
CITY ARCHITECT DEPARTMENT
SFCOVE CENTER - Brgy. Bagbag, QUEZON CITY HALL COMPOUND
ELLIPTICAL ROAD, DILIMAN, QUEZON CITY

PROVISO:

RECOMMENDING APPROVAL

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PROJECT TITLE:

PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING INCLUDING LAND DEVELOPMENT

LOCATION: BRGY. BAGBAG, NOVALICHES, QC

SHEET CONTENTS:

SITE DEVELOPMENT PLAN CCTV AND TELCO ENTRANCE LINE LAYOUT

DATE	August 2019
DRAWN BY	M.A.F.
DESIGNED BY	Engr. E.R.Sibucao
CHECKED BY	Engr. E.R.Sibucao

PROJECT NO.:

SHEET NO.: EL-40

1 LOWER GROUND FLOOR CCTV, VOICE AND DATA LAYOUT

SCALE 1:100 METERS (24 x 36)

Republika ng Pilipinas
Lungsod ng Quezon
CITY ARCHITECT DEPARTMENT
SF CIVIC CENTER - D (BRO BNG), QUEZON CITY HALL COMPOUND, ELLIPTICAL ROAD, DILIMAN, QUEZON CITY

PROVISO:

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PROJECT TITLE :
PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING INCLUDING LAND DEVELOPMENT
LOCATION : BRGY. BAGBAG, NOVALICHES, QC

SHEET CONTENTS :
LOWER GROUND FLOOR CCTV, VOICE AND DATA LAYOUT

PROJECT NO.:	
DATE	August 2019
DRAWN BY	M.A.F.
DESIGNED BY	Engr. E.R.Sibucao
CHECKED BY	Engr. E.R.Sibucao

SHEET NO.: EL-41

1 GROUND FLOOR CCTV, VOICE AND DATA LAYOUT

SCALE 1:100 METERS (24 x 36)

Republika ng Pilipinas
Lungsod ng Quezon
CITY ARCHITECT DEPARTMENT
SK CIVIC CENTER - D. JERO BRGY. QUEZON CITY HALL COMPOUND, ELLIPTICAL ROAD, DILIMAN, QUEZON CITY

PROVISO:

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PROJECT TITLE:
PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING INCLUDING LAND DEVELOPMENT

LOCATION: BRGY. BAGBAG, NOVALICHES, QC

SHEET CONTENTS:
GROUND FLOOR CCTV, VOICE AND DATA LAYOUT

PROJECT NO.:	
DATE	August 2019
DRAWN BY	M.A.F.
DESIGNED BY	Engr. E.R. Sibucao
CHECKED BY	Engr. E.R. Sibucao

SHEET NO.: **EL-42**

1 SECOND FLOOR CCTV, VOICE AND DATA LAYOUT

SCALE 1:100 METERS (24 x 36)

Republika ng Pilipinas
Lungsod ng Quezon
CITY ARCHITECT DEPARTMENT
SP CIVIC CENTER - D(BRO. Bldg), QUEZON CITY HALL COMPOUND, ELLIPTICAL ROAD, DILIMAN, QUEZON CITY

PROVISO:

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PROJECT TITLE:
PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING INCLUDING LAND DEVELOPMENT
LOCATION: BRGY. BAGBAG, NOVALICHES, QC

SHEET CONTENTS:
SECOND FLOOR CCTV, VOICE AND DATA LAYOUT

PROJECT NO.:

DATE	August 2019
DRAWN BY	M.A.P.
DESIGNED BY	Engr. E.R.Sibucao
CHECKED BY	Engr. E.R.Sibucao

SHEET NO.: EL-43

1 THIRD FLOOR FLOOR CCTV, VOICE AND DATA LAYOUT

SCALE 1:100 METERS (24 x 36)

Republika ng Pilipinas
Lungsod ng Quezon
CITY ARCHITECT DEPARTMENT
5F CIVIC CENTER - DBBRO, Brgy. QUEZON CITY HALL COMPOUND, ELLIPTICAL ROAD, DILIMAN, QUEZON CITY

PROVISO:

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PROJECT TITLE :
PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING INCLUDING LAND DEVELOPMENT
LOCATION . BRGY. BAGBAG, NOVALICHES, QC

SHEET CONTENTS :
THIRD FLOOR CCTV, VOICE AND DATA LAYOUT

PROJECT NO.:

DATE	August 2019
DRAWN BY	M.A.F.
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CHECKED BY	Engr. E.R.Sibucao

SHEET NO.: EL-44

1 FOURTH FLOOR CCTV, VOICE AND DATA LAYOUT

Republika ng Pilipinas
Lungsod ng Quezon
CITY ARCHITECT DEPARTMENT
5F CIVIC CENTER-BISPO BldG. QUEZON CITY HALL COMPOUND,
ELIPTICAL ROAD, DILIMAN, QUEZON CITY

PROVISO:

RECOMMENDING APPROVAL

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PROJECT TITLE :

PROPOSED CONSTRUCTION OF EIGHT(8) STOREY

SHEET CONTENTS :

FOURTH FLOOR CCTV, VOICE AND DATA

SCALE 1:100 METERS (24 x 36)

PROJECT NO :

SHEET NO.:

1 FOURTH FLOOR CCTV, VOICE AND DATA LAYOUT

SCALE 1:100 METERS (24 x 36)

Republika ng Pilipinas
Lungsod ng Quezon
CITY ARCHITECT DEPARTMENT
5F CIVIC CENTER - 3 (BRO. Bisig), QUEZON CITY HALL COMPOUND, ELIPTICAL ROAD, DILIMAN, QUEZON CITY

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PROJECT TITLE:

PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING INCLUDING LAND DEVELOPEMENT

LOCATION : BRGY. BAGBAG, NOVALICHES, Q.C

SHEET CONTENTS:

FOURTH FLOOR CCTV, VOICE AND DATA LAYOUT

PROJECT NO.:

DATE	August 2019
DRAWN BY	M.A.F.
DESIGNED BY	Engr. E.R.Sibucao
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SHEET NO.: EL-45

1 FIFTH FLOOR CCTV, VOICE AND DATA LAYOUT (NOT INCLUDED IN THIS PROGRAM)

SCALE 1:100 METERS (24 x 36)

Republika ng Pilipinas
Lungsod ng Quezon
CITY ARCHITECT DEPARTMENT
SFI CIVIC CENTER - D (BRO. Bldg), QUEZON CITY HALL COMPOUND, ELLIPTICAL ROAD, DILIMAN, QUEZON CITY

PROVISO:

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PROJECT TITLE:
PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING INCLUDING LAND DEVELOPEMENT
LOCATION : BRGY. BAGBAG, NOVALICHES, Q.C

SHEET CONTENTS:
FIFTH FLOOR CCTV, VOICE AND DATA LAYOUT

PROJECT NO.:

DATE	August 2019
DRAWN BY	M.A.F.
DESIGNED BY	Engr. E.R.Sibucao
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SHEET NO.: **EL-46**

1 SIXTH FLOOR CCTV, VOICE AND DATA LAYOUT (NOT INCLUDED IN THIS PROGRAM)

SCALE 1:100 METERS (24 x 36)

Republika ng Pilipinas
Lungsod ng Quezon
CITY ARCHITECT DEPARTMENT
5F CIVIC CENTER - D (BRGY. BAG), QUEZON CITY HALL COMPOUND, ELIPTICAL ROAD, DILIMAN, QUEZON CITY

PROVISO

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PROJECT TITLE:
PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING INCLUDING LAND DEVELOPEMENT

LOCATION: BRGY. BAGBAG, NOVALICHES, Q.C

SHEET CONTENTS:
SIXTH FLOOR CCTV, VOICE AND DATA LAYOUT

PROJECT NO.:	
DATE	August 2019
DRAWN BY	M.A.F.
DESIGNED BY	Engr. E.R.Sibucao
CHECKED BY	Engr. E.R.Sibucao

SHEET NO.: **EL-47**

1 **SEVENTH FLOOR CCTV, VOICE AND DATA LAYOUT (NOT INCLUDED IN THIS PROGRAM)**

SCALE 1:100 METERS (24 x 36)

Republika ng Pilipinas
Lungsod ng Quezon
CITY ARCHITECT DEPARTMENT
5F CIVIC CENTER - D (BRO. BAG), QUEZON CITY HALL COMPOUND,
ELIPTICAL ROAD, DILIMAN, QUEZON CITY

PROVISO:

RECOMMENDING APPROVAL

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PROJECT TITLE :
PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING INCLUDING LAND DEVELOPEMENT
LOCATION : BRGY. BAGBAG, NOVALICHES, Q.C

SHEET CONTENTS :
SEVENTH FLOOR CCTV, VOICE AND DATA LAYOUT

PROJECT NO.:

DATE	August 2019
DRAWN BY	M.A.F.
DESIGNED BY	Engr. E.R.Sibucao
CHECKED BY	Engr. E.R.Sibucao

SHEET NO.: **EL-48**

1 EIGHTH FLOOR CCTV, VOICE AND DATA LAYOUT (NOT INCLUDED IN THIS PROGRAM)

Republika ng Pilipinas
Lungsod ng Quezon
CITY ARCHITECT DEPARTMENT
1ST CIVIC CENTER - D (ERC), BRGY. DISTRICT IV, QUEZON CITY HALL COMPOUND, ELIPTICAL ROAD, DILIMAN, QUEZON CITY

PROVISO:

RECOMMENDING APPROVAL

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ENGR. ISAGANI R. VERZOSA, JR
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MAYOR

PROJECT TITLE:
PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING INCLUDING LAND DEVELOPEMENT

LOCATION : BRGY. BAGBAG, NOVALICHES, Q.C

SHEET CONTENTS:
EIGHTH FLOOR CCTV, VOICE AND DATA LAYOUT

SCALE 1:100 METERS (24 x 36)

PROJECT NO.:

DATE	August 2019
DRAWN BY	M.A.F.
DESIGNED BY	Engr. E.R.Sibucao

SHEET NO.
EL-49

1 AUDITORIUM FLOOR CCTV, VOICE AND DATA LAYOUT (NOT INCLUDED IN THIS PROGRAM)

SCALE 1:100 METERS (24 x 36)

Republika ng Pilipinas
Lungsod ng Quezon
CITY ARCHITECT DEPARTMENT
SF CIVIC CENTER - D (BRO. Bldg), QUEZON CITY HALL COMPOUND, ELLIPTICAL ROAD, DILIMAN, QUEZON CITY

PROVISO:

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MAYOR Q.C.

PROJECT TITLE :
PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING INCLUDING LAND DEVELOPEMENT
LOCATION : BRGY. BAGBAG, NOVALICHES, Q.C

SHEET CONTENTS :
AUDITORIUM FLOOR DECK CCTV, VOICE AND DATA LAYOUT

PROJECT NO.:

DATE	August 2019
DRAWN BY	M.A.F.
DESIGNED BY	Engr. E.R.Silbucao
CHECKED BY	Engr. E.R.Silbucao

SHEET NO.: EL-50

1 LOWER DECK CCTV, VOICE AND DATA LAYOUT (NOT INCLUDED IN THIS PROGRAM)

SCALE 1:100 METERS (24 x 36)

Republika ng Pilipinas
Lungsod ng Quezon
CITY ARCHITECT DEPARTMENT
SF CIVIC CENTER - D-BISIG BAGA, QUEZON CITY HALL COMPOUND, ELIPTICAL ROAD, DILIMAN, QUEZON CITY

PROVISO:

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PROJECT TITLE:
PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING INCLUDING LAND DEVELOPEMENT
LOCATION : BRGY. BAGBAG, NOVALICHES, Q.C

SHEET CONTENTS:
LOWER DECK CCTV, VOICE AND DATA LAYOUT

PROJECT NO.:

DATE	August 2019
DRAWN BY	M.A.F.
DESIGNED BY	Engr. E.R. Sibucao
CHECKED BY	Engr. E.R. Sibucao

SHEET NO.: **EL-51**

1 CCTV RISER DIAGRAM

NTS

2 DATA & LAN RISER DIAGRAM

NTS

PHASE 2

PHASE 1

Republika ng Pilipinas
Lungsod ng Quezon
CITY ARCHITECT DEPARTMENT
5F CIVIC CENTER - D (BRO. BAG), QUEZON CITY HALL COMPOUND, ELLIPTICAL ROAD, DILIMAN, QUEZON CITY

PROVISO:

RECOMMENDING APPROVAL

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CITY ARCHITECT

ENGR. ISAGANI R. VERZOSA, JR
O.C, CITY ENGINEER

APPROVED BY :

HON. MA. JOSEFINA G. BELMONTE
MAYOR Q.C.

PROJECT TITLE :	SHEET CONTENTS :	PROJECT NO.:	SHEET NO.:
PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING INCLUDING LAND DEVELOPEMENT LOCATION : BRGY. BAGBAG, NOVALICHES, Q.C	CCTV RISER DIAGRAM DATA & LAN RISER DIAGRAM	DATE: August 2019 DRAWN BY: M.A.F. DESIGNED BY: Engr. E.R.Sibucao CHECKED BY: Engr. E.R.Sibucao	EL-52

NTS

1 FDAS SINGLE LINE DIAGRAM

Republika ng Pilipinas
Lungsod ng Quezon
CITY ARCHITECT DEPARTMENT
3F GMC CENTER - D (BPO, BMD), QUEZON CITY HALL COMPOUND, ELLIPTICAL ROAD, DILIMAN, QUEZON CITY

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PROJECT TITLE:
PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING INCLUDING LAND DEVELOPEMENT
LOCATION: BRGY. BAGBAG, NOVALICHES, Q.C

SHEET CONTENTS:
FDAS SINGLE LINE DIAGRAM

PROJECT NO:

DATE	August 2019
DRAWN BY	M.A.F.
DESIGNED BY	Engr. E.R.Sibucao
CHECKED BY	Engr. E.R.Sibucao

SHEET NO.:
EL-53

1. ALL MECHANICAL WORKS SHALL BE DONE IN ACCORDANCE WITH THE LATEST REQUIREMEVTS OF THE NATIONAL BUILDING CODE, PSME CODE AND THE RULES AND REGULATIONS OF QUEZON CITY.
2. THE SCOPE OF WORK SHALL INCLUDE ALL WORKS DESCRIBED IN PLANS.
3. THE WORKS SHALL BE EXECUTED IN CLOSE COORDINATION WITH ALL OTHER TRADES.
4. ALL AIRCONDITIONED SPACES SHALL BE MAINTAINED AT 24°C DB AND 50% RH.
5. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS, MANUFACTURER'S CATALOGUE, SPECIFICATIONS, SAMPLES, INCLUDING VIBRATION ISOLATORS BEFORE EXECUTION OF WORK.
6. ALL FLOOR SLAB MOUNTED VIBRATING EQUIPMENT SHALL BE PROVIDED WITH VIBRATION ISOLATORS TO PREVENT VIBRATIONS AND NOISE TRANSMISSION.
7. EXHAUST FAN SHALL BE PROVIDED WITH SUITABLE FLEXIBLE CONNECTIONS TO DISCHARGE DUCT.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TESTING AND COMMISSIONING OF THE WHOLE VENTILATION AND AIRCONDITIONING SYSTEM AND INSTALLATION.
9. ALL POWER WIRING SHALL BE ELECTRICAL AND TERMINATION TO EQUIPMENT SHALL BE MECHANICAL.
10. PROVIDE CONTROL WIRING FOR AIRCOND TIONING EQUIPMENT.
11. PROVIDE THERMOSTAT FOR ALL INDOOR UNITS / FAN COIL UNITS.
12. VERIFY LOCATION OF CONTROLLERS AND SWITCHES ON ELECTRICAL PLANS.
13. ALL PIPE EQUIPMENT CONDENSATE DRAIN SHALL BE CONNECTED TO THE NEAREST FLOOR DRAIN / AD /CB
14. PROVIDE GUIDES, HANGERS, AND SUPPLEMENTAL STEEL SUPPORT FOR ALL PIPING, DUCTING AND EQUIPMENTS.
15. PROVIDE PIPE SLEEVES FOR ALL PIPING PASSING THRU BUILDING STRUCTURE
16. ALL PIPE DIMENSIONS ARE IN MILLIMETER UNLESS OTHERWISE NOTED.

1 GENERAL NOTES

- CAR PARK VENTILATION SYSTEM
- RP — REFRIGERANT PIPING
- CEILING FAN
- EQUIPMENT DESIGNATION
- KITCHEN EXHAUST FAN
- WINDOW TYPE AIRCON
- EXHAUST FAN
- WALL MOUNTED INDOOR UNIT
- Ø - PHASE
- V - VOLTS
- HP - HORSEPOWER
- H - HERTZ
- W - WATTS
- CFm - CUBIC FEET PER MINUTE
- mm - MILLIMETER
- KCal/HR - KILO CALORIE PER HOUR

2 LEGENDS & SYMBOLS

3 ACCU MOUNTING DETAIL

4 REFRIGERANT & CONDENSATE DRAIN PIPE DETAIL

5 WALL MOUNTED TYPE DETAIL

VRF OUTDOOR UNITS (ACCU)

DESIGNATION	LOCATION	QUANTITY	NOMINAL COOLING CAPACITY HP	NOMINAL COOLING CAPACITY KW	COOLING POWER CONSUMPTION KW	EER W/W	COMPRESSOR POWER OUTPUT KW	CONDENSER FAN AIR FLOW CMM	CONDENSER FAN MOTOR OUTPUT KW	REFRIGERANT PIPE mm	ELECTRICAL SUPPLY VOLTS	ELECTRICAL SUPPLY PHASE	ELECTRICAL SUPPLY HERTZ	UNIT WEIGHT KG	DIMENSIONS (W x D x H) mm	REMARKS
ACCU 1	ROOF DECK	1 UNIT	46.0	136.0	41.27	3.29	12.4 + *0.8 x 2	175+175+*75	0.92+0.92+0.92	#1.29 (GAS) *9.05 (LIQUID)	230	3Ø	60.0	237+237+237	1650 x 1220 x 740 1650 x 1220 x 740 1650 x 1220 x 740	

VRF INDOOR UNITS (FCU)

DESIGNATION	LOCATION	QUANTITY	TYPE	NOMINAL COOLING CAPACITY HP	NOMINAL COOLING CAPACITY KW	AIR FLOW CMM	FAN MOTOR OUTPUT WATTS	AIR COOL CONDITION ENTERING AIR °C (WBAR)	AIR COOL CONDITION LEAVING AIR °C (WBAR)	ELECTRICAL SUPPLY VOLTS	ELECTRICAL SUPPLY PHASE	ELECTRICAL SUPPLY HERTZ	DIMENSIONS (W x D x H) mm	REMARKS
MSFCU 1	AUDITORIUM	4 UNITS	CEILING CONCEALED TYPE	10	28.0	98 - 7 - 84	830 - 820	27 / 19.5	14.4 / 13.8	220	1Ø	60.0	1250 x 1120 x 470	
MSFCU 2	AUDITORIUM	2 UNITS	WALL MOUNTED TYPE	1.0	2.8	4.8 - 5.2 - 5.6 - 5.9	40	27 / 19.5	14.4 / 13.8	220	1Ø	60.0	815 x 225 x 295	WALL-MOUNTED TYPE, CONTRACTOR SUPPLY AND INSTALL
MSFCU 3	AUDITORIUM	2 UNITS	WALL MOUNTED TYPE	0.75	2.2	4.5 - 5.2 - 5.6 - 5.9	40	27 / 19.5	14.4 / 13.8	220	1Ø	60.0	815 x 225 x 295	WALL-MOUNTED TYPE, CONTRACTOR SUPPLY AND INSTALL
MSFCU 4	AUDITORIUM	2 UNITS	WALL MOUNTED TYPE	0.5	1.7	4.5 - 5.0 - 5.2 - 5.3	40	27 / 19.5	14.4 / 13.8	220	1Ø	60.0	815 x 225 x 295	WALL-MOUNTED TYPE, CONTRACTOR SUPPLY AND INSTALL

SPLIT - TYPE AIRCONS

DESIGNATION	LOCATION	QUANTITY	TYPE	COOLING CAPACITY KW	POWER CONSUMPTION KW	INDOOR AIR FLOW cu.m / hr	DIMENSIONS (H x W x D) mm	DRAIN PIPE	REFRIGERANT PIPE mm	ELECTRICAL SUPPLY VOLTS	ELECTRICAL SUPPLY PHASE	ELECTRICAL SUPPLY HERTZ	REMARKS
SAC 1	GROUND FLOOR SECOND FLOOR	2 UNITS 1 UNIT	WALL MOUNTED	7.1	2.54	9.4 - 17.2	325 x 1100 x 258 (INDOOR) 850 x 840 x 330 (OUTDOOR)	32Ø	9.52 (LIQUID) 15.88 (GAS)	220.0	1Ø	60.0	UNITS SHALL BE REMOTE CONTROLLED WITH ON / OFF PROGRAMMABLE TIMER
SAC 2	THIRD FLOOR FOURTH FLOOR SIXTH FLOOR SEVENTH FLOOR EIGHTH FLOOR	1 UNIT 1 UNIT 1 UNIT 2 UNITS 1 UNIT	WALL MOUNTED	2.5	0.736	4.1 - 9.6	295 x 798 x 234 (INDOOR) 540 x 634 x 255 (OUTDOOR)	25Ø	6.35 (LIQUID) 9.52 (GAS)	220.0	1Ø	60.0	

CEILING FAN

DESIGNATION	LOCATION	QUANTITY	TYPE	CAPACITY m³/sec	HEAD Pa	POWER INPUT WATTS	ELECTRICAL SUPPLY VOLTS	ELECTRICAL SUPPLY PHASE	ELECTRICAL SUPPLY HERTZ	REMARKS
CF 1	GROUND FLOOR SECOND FLOOR THIRD FLOOR FOURTH FLOOR FIFTH FLOOR SIXTH FLOOR SEVENTH FLOOR EIGHTH FLOOR	14 UNITS 13 UNITS 13 UNITS 13 UNITS 17 UNITS 17 UNITS 16 UNITS 20 UNITS	CEILING MOUNTED	0.50	350.00	130.00	220.0	1Ø	60.0	CONTRACTOR SUPPLY AND INSTALL.

BLOWER

DESIGNATION	LOCATION	QUANTITY	TYPE	RATED POWER KW	AIR FLOW m³ / h	PRESSURE mBar	ELECTRICAL SUPPLY VOLTS	ELECTRICAL SUPPLY PHASE	ELECTRICAL SUPPLY HERTZ	DIMENSION cm
BL 1	GROUND FLOOR PUMP ROOM	2 UNITS	HIGH PRESSURE DUAL STAGE ELECTRIC BLOWER	3.5	230	400	220.0	1Ø	60.0	52.5 x 47 x 53

WINDOW-TYPE AIRCONS

DESIGNATION	LOCATION	QUANTITY	SIZE HP	COOLING CAPACITY KJ/HR	POWER CONSUMPTION WATTS	OPERATING SYSTEM AMPS	AIR CIRCULATION cmm	ELECTRICAL SUPPLY VOLTS	ELECTRICAL SUPPLY PHASE	ELECTRICAL SUPPLY HERTZ	REMARKS
WAC 1	GROUND FLOOR SECOND FLOOR THIRD FLOOR FOURTH FLOOR FIFTH FLOOR SIXTH FLOOR SEVENTH FLOOR EIGHTH FLOOR	7 UNITS 8 UNITS 9 UNITS 9 UNITS 6 UNITS 6 UNITS 6 UNITS 3 UNITS	2.5	24,000	2,608	12.1	553.0	220.0	1Ø	60.0	IT SHALL BE EQUIPPED W/ WASHABLE FILTER, ON/OFF PROG. TIMER AND W/ REMOTE CONTROL
WAC 2	GROUND FLOOR SECOND FLOOR	1 UNIT 1 UNIT	1.5	13,500.0	1,205.0	5.49	273.0	220.0	1Ø	60.0	
WAC 3	THIRD FLOOR FIFTH FLOOR	1 UNIT 1 UNIT	1.0	11,250.0	926.0	4.2	202.0	220.0	1Ø	60.0	

EXHAUST FAN

DESIGNATION	LOCATION	QUANTITY	TYPE	AIR FLOW cu.m /hr	DIMENSIONS (H x W x D) mm	POWER CONSUMPTION WATTS	ELECTRICAL SUPPLY VOLTS	ELECTRICAL SUPPLY PHASE	ELECTRICAL SUPPLY HERTZ	REMARKS
EF 1	GROUND FLOOR SECOND FLOOR THIRD FLOOR FIFTH FLOOR	3 UNITS 3 UNITS 1 UNIT 1 UNIT	DUCTMOUNTED CEILING VENTILATING FAN	93 - 97	202 x 250 x 285	11 - 12	220	1Ø	60.0	UNIT SHALL BE CASSETTE TYPE OPENING. EASY TO CLEAN AND INSTALL. TOP OR SIDE DISCHARGED DUCT CONNECTION W/ REVERSE FLOW PREVENTION SHUTTER.
EF 2	GROUND FLOOR AUDITORIUM	1 UNIT 3 UNITS	DUCTMOUNTED CEILING VENTILATING FAN	200 - 205	202 x 250 x 265	19 - 20	220	1Ø	60.0	UNIT SHALL BE CASSETTE TYPE OPENING. EASY TO CLEAN AND INSTALL. TOP OR SIDE DISCHARGED DUCT CONNECTION W/ REVERSE FLOW PREVENTION SHUTTER.
EF 3	GROUND FLOOR SECOND FLOOR THIRD FLOOR FOURTH FLOOR FIFTH FLOOR SIXTH FLOOR SEVENTH FLOOR EIGHTH FLOOR AUDITORIUM	6 UNITS 6 UNITS 6 UNITS 6 UNITS 6 UNITS 6 UNITS 6 UNITS 6 UNITS 4 UNITS	DUCTMOUNTED CEILING VENTILATING FAN	420 - 430	258 x 380 x 449	51 - 50	220	1Ø	60.0	UNIT SHALL BE CASSETTE TYPE OPENING. EASY TO CLEAN AND INSTALL. TOP OR SIDE DISCHARGED DUCT CONNECTION W/ REVERSE FLOW PREVENTION SHUTTER.
EF 4	GROUND FLOOR	1 UNIT	WALL MOUNTED AXIAL EXHAUST FAN	1260	370 x 370 x 201	46 - 52	220	1Ø	60.0	HIGH STATIC PRESSURE, LOW NOISE OPERATION

KITCHEN EXHAUST FAN

DESIGNATION	LOCATION	QUANTITY	TYPE	AIRFLOW cu.m / hr	POWER CONSUMPTION W	STATIC PRESSURE Pa	DIMENSIONS (H x W x D) mm	ELECTRICAL SUPPLY VOLTS	ELECTRICAL SUPPLY PHASE	ELECTRICAL SUPPLY HERTZ	REMARKS
KEF 1	GROUND FLOOR	2 UNITS	STRAIGHT CENTRIFUGAL FAN	500 - 500	40 - 86	98	270 x 439 x 580	220.0	1Ø	60.0	CONTRACTOR SUPPLY AND INSTALL.

CAR PARK VENTILATION

DESIGNATION	LOCATION	QUANTITY	MAX AIR FLOW cu.m / s	POWER CONSUMPTION kw	DIMENSIONS (H x W x D) mm	ELECTRICAL SUPPLY VOLTS	ELECTRICAL SUPPLY PHASE	ELECTRICAL SUPPLY HERTZ	REMARKS
JDF/P 1	LOWER GROUND	4 UNITS	1.22 / 0.51	0.8 / 0.18	420 x 420 x 1535	220.0	1Ø	60.0	JET FAN COMPLETE WITH CARBON DIOXIDE AND TEMPERATURE SENSOR.

6 EQUIPMENT SCHEDULE

SCALE 1:100 METERS (24 x 36)
SCALE 1:200 METERS(A3)

Republika ng Pilipinas
Lungsod ng Quezon
CITY ARCHITECT DEPARTMENT
SP CIVIC CENTER - D (BRO. Bldg. QUEZON CITY HALL COMPOUND, ELLIPTICAL ROAD, DILIMAN QUEZON CITY

PROVISO:

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PROJECT TITLE :

PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING INCLUDING LAND DEVELOPMENT

LOCATION : BRGY. BAGBAG, NOVALICHES, QC

SHEET CONTENTS :

GENERAL NOTES
LEGENDS & SYMBOLS
ACCU MOUNTING DETAIL
REFRIGERANT & CONDENSATE DRAIN PIPE DETAIL
WALL MOUNTED TYPE DETAIL
EQUIPMENT SCHEDULE

PROJECT NO.:

DATE	August 2019
DRAWN BY	J. S. M.
DESIGNED BY	Engr. E. R. Silvucao
CHECKED BY	Engr. E. R. Silvucao

SHEET NO :

MP-01

1 BASEMENT VENTILATION & AIR - CONDITIONING LAYOUT

SCALE 1:100 METERS (20 x 30)
SCALE 1:200 METERS(A3)

Republika ng Pilipinas
Lungsod ng Quezon
CITY ARCHITECT DEPARTMENT
5F CIVIC CENTER - BLDG Bldg, QUEZON CITY HALL COMPOUND, ELLIPTICAL ROAD, DILIMAN, QUEZON CITY

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PROJECT TITLE :
PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING INCLUDING LAND DEVELOPMENT

LOCATION : BRGY. BAGBAG, NOVALICHES, QC

SHEET CONTENTS :
BASEMENT VENTILATION & AIR - CONDITIONING LAYOUT

PROJECT NO.:

DATE	August 2019
DRAWN BY	J. S. M.
DESIGNED BY	Engr.E.R.Sibucao / Arch
CHECKED BY	Engr.E.R.Sibucao

SHEET NO.:
MP-02

1 GROUND FLOOR VENTILATION & AIR - CONDITIONING LAYOUT

SCALE 1:100 METERS (20 x 30)
SCALE 1:200 METERS(A3)

Republika ng Pilipinas
Lungsod ng Quezon
CITY ARCHITECT DEPARTMENT
5/F CMC CENTER - D (BRO. Bldg), QUEZON CITY HALL COMPOUND,
EL. PT CAL ROAD, DILIMAN, QUEZON CITY

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PROJECT TITLE :

PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING INCLUDING LAND DEVELOPMENT

LOCATION : BRGY. BAGBAG, NOVALICHES, QC

SHEET CONTENTS :

GROUND FLOOR VENTILATION & AIR - CONDITIONING LAYOUT

PROJECT NO.:

DATE	August 2019
DRAWN BY	J. S. M.
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CHECKED BY	Engr. E.R.Sibucao

SHEET NO.:

MP-03

1 SECOND FLOOR VENTILATION & AIR - CONDITIONING LAYOUT

SCALE : 100 METERS (20 x 20)
SCALE 1:200 METERS(A3)

Republika ng Pilipinas
Lungsod ng Quezon
CITY ARCHITECT DEPARTMENT
5F CIVIC CENTER - D (BIO Bldg), QUEZON CITY HALL COMPOUND,
ELLIPTICAL ROAD, DILIMAN QUEZON CITY

PROVISO:

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PROJECT TITLE :
PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING INCLUDING LAND DEVELOPMENT
LOCATION : BRGY. BAGBAG, NOVALICHES, QC

SHEET CONTENTS :
SECOND FLOOR VENTILATION & AIR - CONDITIONING LAYOUT

PROJECT NO.:

DATE	August 2019
DRAWN BY	J. S. M.
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SHEET NO.:
MP-04

1 THIRD FLOOR VENTILATION & AIR - CONDITIONING LAYOUT

Republika ng Pilipinas
Lungsod ng Quezon
CITY ARCHITECT DEPARTMENT
5F CIVIC CENTER - DIBRO, BAGUMBAYAN, QUEZON CITY (MAIN COMPOUND), ELLIPTICAL ROAD, DILIMAN, QUEZON CITY

PROVISO:

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PROJECT TITLE:
PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING INCLUDING LAND DEVELOPMENT

LOCATION: BRGY. BAGBAG, NOVALICHES, QC

SHEET CONTENTS:
THIRD FLOOR VENTILATION & AIR - CONDITIONING LAYOUT

SCALE 1:100 METERS (20 x 30)
SCALE 1:200 METERS(A3)

PROJECT NO.:

DATE	August 2019
DRAWN BY	J. S. M.
DESIGNED BY	Engr.E.R.Sibucao /

SHEET NO.: **MP-05**

1 FOURTH FLOOR VENTILATION & AIR - CONDITIONING LAYOUT

SCALE 1:100 METERS (20 x 30)
SCALE 1:200 METERS(A3)

Republika ng Pilipinas
Lungsod ng Quezon
CITY ARCHITECT DEPARTMENT
5F CAIC CENTER - D (ERO, Bldg), QUEZON CITY HAL, COMPOUND, ELIPTICAL ROAD, DILIMAN, QUEZON CITY

PROVISO:

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PROJECT TITLE:
PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING INCLUDING LAND DEVELOPMENT

LOCATION : BRGY. BAGBAG, NOVALICHES, QC

SHEET CONTENTS :
FOURTH FLOOR VENTILATION & AIR - CONDITIONING LAYOUT

PROJECT NO.:

DATE	August 2019
DRAWN BY	J. S. M.
DESIGNED BY	Engr.E.R.Sibucao
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SHEET NO.:
MP-06

1 FIFTH FLOOR VENTILATION & AIR - CONDITIONING LAYOUT (NOT INCLUDED IN THIS PROGRAM).

SCALE 1:100 METERS (20 x 30)
SCALE 1:200 METERS(A3)

Republika ng Pilipinas
Lungsod ng Quezon
CITY ARCHITECT DEPARTMENT
5F CIVIC CENTER - BAGBAG, QUEZON CITY HALL COMPOUND,
ELLIPTICAL ROAD, DILIMAN QUEZON CITY

PROVISO:

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PROJECT TITLE:
PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING INCLUDING LAND DEVELOPMENT

LOCATION: BRGY. BAGBAG, NOVALICHES, QC

SHEET CONTENTS:
FIFTH FLOOR VENTILATION & AIR - CONDITIONING LAYOUT

PROJECT NO.:

DATE	August 2019
DRAWN BY	J. S. M.
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CHECKED BY	Engr. E.R. Sibucao

SHEET NO.:
MP-07

1 SIXTH FLOOR VENTILATION & AIR - CONDITIONING LAYOUT (NOT INCLUDED IN THIS PROGRAM).

SCALE 1:100 METERS (20 x 30)
SCALE 1:200 METERS(A3)

Republika ng Pilipinas
Lungsod ng Quezon
CITY ARCHITECT DEPARTMENT
SECOND CENTER - D (BRO. INGI, QUEZON CITY HALL COMPOUND, ELIPTICAL ROAD, DILIMAN, QUEZON CITY)

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PROJECT TITLE :
PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING INCLUDING LAND DEVELOPMENT

LOCATION : BRGY. BAGBAG, NOVALICHES, QC

SHEET CONTENTS :
SIXTH FLOOR VENTILATION & AIR - CONDITIONING LAYOUT

PROJECT NO.:

DATE	August 2019
DRAWN BY	J. S. M.
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SHEET NO.:
MP-08

1 SEVENTH FLOOR VENTILATION & AIR - CONDITIONING LAYOUT (NOT INCLUDED IN THIS PROGRAM)

SCALE 1:100 METERS (20 x 30)
SCALE 1:200 METERS(A3)

Republika ng Pilipinas
Lungsod ng Quezon
CITY ARCHITECT DEPARTMENT
3/F CIVIC CENTER - D (BRO. Bldg), DILIMAN CITY HALL COMPOUND,
ELIPTICAL ROAD, DILIMAN, QUEZON CITY

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PROJECT TITLE :

PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING INCLUDING LAND DEVELOPMENT

LOCATION : BRGY. BAGBAG, NOVALICHES, QC

SHEET CONTENTS :

SEVENTH FLOOR VENTILATION & AIR - CONDITIONING LAYOUT

PROJECT NO.:

DATE	August 2019
DRAWN BY	L. S. M.
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SHEET NO.:

MP-09

1 EIGHTH FLOOR VENTILATION & AIR - CONDITIONING LAYOUT (NOT INCLUDED IN THIS PROGRAM)

SCALE 1:100 METERS (20 x 30)
SCALE 1:200 METERS(A3)

Republika ng Pilipinas
Lungsod ng Quezon
CITY ARCHITECT DEPARTMENT
5F CMC CENTER - D (BRO. Bldg), QUEZON CITY HALL COMPOUND,
EL. JOSE CALO ROAD, DILIMAN, QUEZON CITY

PROVISO:

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PROJECT TITLE :

PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING INCLUDING LAND DEVELOPMENT

LOCATION : BRGY. BAGBAG, NOVALICHES, QC

SHEET CONTENTS :

EIGHT FLOOR VENTILATION & AIR - CONDITIONING LAYOUT

PROJECT NO.:

DATE	August 2019
DRAWN BY	J. S. M.
DESIGNED BY	Engr. E.R.Sibucao / AJB
CHECKED BY	Engr. E.R.Sibucao

SHEET NO.:

MP-10

1 **AUDITORIUM / ROOF VENTILATION & AIR - CONDITIONING LAYOUT (NOT INCLUDED IN THIS PROGRAM)**

SCALE 1:100 METERS (20 x 30)
SCALE 1:200 METERS(A3)

Republika ng Pilipinas
Lungsod-ng Quezon
CITY ARCHITECT DEPARTMENT
SFCMC CENTER - D-BAO, BAGA, QUEZON CITY HALL COMPOUND,
E.AURTICHI, ROAD, DILIMAN, QUEZON CITY

PROVISO:

RECOMMENDING APPROVAL

AR. LUCILLE H. CHUA, fuap, piep
CITY ARCHITECT

ENGR. ISAGANI R. VERZOSA, JR
OIC, CITY ENGINEER

APPROVED BY :

HON. MA. JOSEFINA G. BELMONTE
MAYOR Q.C.

PROJECT TITLE :
PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING INCLUDING LAND DEVELOPEMENT
"LOCATION:"BRGY"BAGBAG"NOVALICHES"Q.C"

SHEET CONTENTS :
AUDITORIUM / ROOF VENTILATION & AIR - CONDITIONING LAYOUT

PROJECT NO.:

SHEET NO.: **MP-11**

DATE	August 2019
DRAWN BY	J. S. M.
DESIGNED BY	Engr.E.R.Sibucao / A.J.B.
CHECKED BY	Engr.E.R.Sibucao /

1 UPPER DECK VENTILATION & AIR - CONDITIONING LAYOUT (NOT INCLUDED IN THIS PROGRAM)

SCALE 1:100 METERS (20 x 30)
SCALE 1:200 METERS(A3)

Republika ng Pilipinas
Lungsod ng Quezon
CITY ARCHITECT DEPARTMENT
SFDMC CENTER - D BLDG. Bldg1, QUEZON CITY HALL COMPOUND, ELLIPTICAL ROAD, DILIMAN, QUEZON CITY

PROVISO:

RECOMMENDING APPROVAL

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OIC, CITY ENGINEER

APPROVED BY :

HON. MA. JOSEFINA G. BELMONTE
MAYOR Q.C.

PROJECT TITLE :
PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING INCLUDING LAND DEVELOPMENT
LOCATION : BRGY. BAGBAG, NOVALICHES, QC

SHEET CONTENTS :
UPPER DECK VENTILATION & AIR - CONDITIONING LAYOUT

PROJECT NO.:

DATE	August 2019
DRAWN BY	J. S. M.
DESIGNED BY	Engr.E.R.Sibucao / AJB
CHECKED BY	Engr.E.R.Sibucao

SHEET NO.:
MP-12

1 SHAFT PLAN

SCALE 1:20 METERS (20 x 30)
SCALE 1:40 METERS(A3)

OH	
8F	3200
7F	3200
6F	3200
5F	3200
4F	3200
3F	3200
2F	3200
GF	3200
pit	3350
floor	height mm
BSB	

OH	
8F	3200
7F	3200
6F	3200
5F	3200
4F	3200
3F	3200
2F	3200
GF	3200
pit	3350
floor	height mm
BSB	

SPECIFICATION AND DATA		SPECIFICATION AND DATA	
L1		L2	
ELEV. NO. & QTY.	1 UNIT	ELEV. NO. & QTY.	1 UNIT
EQUIPMENT USE	PASSENGER ELEVATOR	EQUIPMENT USE	PASSENGER ELEVATOR
CAPACITY	1250KG	CAPACITY	1250KG
SPEED	1.0 M/S	SPEED	1.0 M/S
CONTROL	VVVF INVERTER	CONTROL	VVVF INVERTER
OPERATION	SIMPLEX COLLECTIVE SELECTIVE	OPERATION	SIMPLEX COLLECTIVE SELECTIVE
STOPS	B/B/B/4 ~ G, 2, 3, 4, 5, 6, 7, 8	STOPS	B/B/B ~ G, 2, 3, 4, 5, 6, 7, 8
TRAVEL HEIGHT	27.275m	TRAVEL HEIGHT	27.275m
CAR SIZE INTERNAL	2085 (W) x 2100 (D)	CAR SIZE INTERNAL	2085 (W) x 2100 (D)
DOOR OPENING SIZE	1585 (W) x 2100 (H)	DOOR OPENING SIZE	1585 (W) x 2100 (H)
DOOR OPENING TYPE	2 PANELS OFFSET Center OPENING	DOOR OPENING TYPE	2 PANELS OFFSET Center OPENING
TYPE OF MOTOR M/C	GEARLESS TRACTION MACHINE	TYPE OF MOTOR M/C	GEARLESS TRACTION MACHINE
TRACTION RATIO	2:1	TRACTION RATIO	2:1
MAIN ROPE	___mm	MAIN ROPE	___mm
TYPE OF PLATFORM FLOORING		TYPE OF PLATFORM FLOORING	
CAR RAIL	T-TYPE RAILINGS	CAR RAIL	T-TYPE RAILINGS
COUNTERWEIGHT RAIL	T-TYPE RAILINGS	COUNTERWEIGHT RAIL	T-TYPE RAILINGS
TYPE OF CAR BUFFER	HYDRAULIC BUFFER	TYPE OF CAR BUFFER	HYDRAULIC BUFFER
TYPE OF CWT BUFFER	HYDRAULIC BUFFER	TYPE OF CWT BUFFER	HYDRAULIC BUFFER
MOTOR CAPACITY (KW)	6.7 (KW)	MOTOR CAPACITY (KW)	6.7 (KW)
RATED CURRENT (A)	15.6 (A)	RATED CURRENT (A)	15.6 (A)
POWER SUPPLY	MAIN: 230V, 3Ph, 60Hz	POWER SUPPLY	MAIN: 230V, 3Ph, 60Hz
	LIGHT: 230V, 1Ph, 60Hz		LIGHT: 230V, 1Ph, 60Hz

2 LAYOUT MANUAL

NOT TO SCALE

3 DIMENSION OF SIGNAL FIXTURES

5 SECTION OF HOISTWAY

SCALE 1:40 METERS (20 x 30)
SCALE 1:80 METERS(A3)

4 STRUCTURAL OPENING ENTRANCE

NOT TO SCALE

Republika ng Pilipinas
Lungsod ng Quezon
CITY ARCHITECT DEPARTMENT
5F CIVIC CENTER, Q. (BRG. Bahay), QUEZON CITY HALL COMPOUND, ELIPTICAL ROAD, DILIMAN QUEZON CITY

PROVISO:

RECOMMENDING APPROVAL

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HON. MA. JOSEFINA G. BELMONTE
MAYOR

PROJECT TITLE:
PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING INCLUDING LAND DEVELOPMENT
LOCATION: BRGY. BAGBAG, NOVALICHES, QC

SHEET CONTENTS:
SHAFT PLAN
LAYOUT MANUAL
DIMENSION OF SIGNAL FIXTURES
STRUCTURAL OPENING ENTRANCE
SECTION OF HOISTWAY

PROJECT NO.:

DATE	August 2019
DRAWN BY	A.M.P.S
DESIGNED BY	Engr. E. R. Sibucao
CHECKED BY	Engr. E. R. Sibucao

SHEET NO.: MP-13

ALL FIRE PROTECTION WORKS SHALL CONFORM WITH THE LATEST EDITION OF NATIONAL FIRE PROTECTION ASSOCATION (NFPA) CODES NO. 13 & 20.

READ THE DRAWINGS IN CONNECTION WITH OTHER RELATED DRAWINGS & SPECIFICATIONS.
THE ARCHITECT & ENGINEER SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES FOUND THEREIN.
THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF THE SPRINKLER HEADS IN COORDINATION WITH THE ARCHITECTURAL CEILING LAYOUT. ANY RELOCATION SHALL BE SUBJECT TO ARCHITECT'S & ENGINEER'S APPROVAL.
ALL DRAIN PIPES FOR INSPECTORS TEST CONNECTION DRAIN VALVES SHALL BE PIPED TO THE NEAREST AREA DRAIN PROVIDED BY THE PLUMBING CONTRACTOR.
P PE SLEEVES SHALL BE PROVIDED FOR ALL PIPES PASSING THRU SLABS, WALLS, GIRDERS & BEAMS.
MINIMUM PIPE SIZE FOR ALL SPRINKLER HEADS SHALL BE 25mm Ø UNLESS OTHERWISE NOTED.
ALL PIPES ARE IN MILLIMETER UNLESS OTHERWISE NOTED.
WORKMANSHIP: THE WORK THROUGHOUT SHALL BE EXECUTED IN THE BEST & MOST THOROUGH MANNER KNOWN TO TRADE & TO THE SATISFACTION OF THE ARCHITECT & THE ENGINEER.
THE CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING ALL GOVERNMENT / LOCAL CONSTRUCTION & OPERATION PERMITS & PAY ALL THE REQUIRED FEES.
REFER TO TECHNICAL SPECIFICATIONS FOR PUMPS & MATERIALS SPECIFICATIONS
MAINTAIN MINIMUM DISTANCE OF 300mm BETWEEN SPRINKLER HEAD & LIGHTING FIXTURE.

NOTES

SENSORS (FLOW SWITCHES, LOW WATER LEVEL SENSOR, SUPERVISORY SWITCHES, FOR ZONE ACTIVATION SHALL BE INCLUDED IN THE CONTRACT. WIRING FROM THESE DEVICES TO THE SPRINKLER ANNUNCIATOR PANEL SHALL BE DONE BY ELECTRICAL CONTRACTOR. COORDINATE INSTALLATION WITH THE AFFECTIVE TRADE CONTRACTOR.
OPENING OF THE SPRINKLER HEAD OR INSPECTOR'S TEST VALVE SHALL CAUSE THE OPERATION OF THE FLOW SWITCH, WHICH SHALL ACTIVATE THE ANNUNCIATOR LIGHT FOR THE SPRINKLER ZONE INVOLVE AND SHALL CAUSE THE OPERATION OF THE BUILDING FIRE ALARM. (FIRE ALARM CONDITION)
CLOSING OF THE NORMALLY OPEN SUPERVISED VALVE OF THE SPRINKLER SYSTEM SHAL CAUSE THE SUPERVISORY SWITCH TO OPERATE A TROUBLE ALARM IN THE BUILDING FIRE ALARM SYSTEM (TROUBLE ALARM CONDITION)
FIRE PUMP RUNNING CONDITION OF THE FIRE PUMP CONTROL PANEL SHALL CAUSE THE OPERATION OF THE BUILDING FIRE ALARM SYSTEM (FIRE ALARM CONDITION)
ACTIVATION OF THE LOW WATER LEVEL SWITCH IN THE STORAGE TANK SHALL CAUSE A TROUBLE ALARM CONDITION IN THE FIRE ALARM SYSTEM.
INSTALLATION OF THE SPRINKLER SYSTEM SHALL BE IN ACCORDANCE WITH THE NFPA 13 STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEM.
NON COMBUSTIBLE CEILINGS SHALL BE USED THIS CEILINGS WILL BE USED IN THIS PROJECT NOTIFY THE CONSULTANT IF SOME TENANTS WILL USE COMBUSTIBLE CEILINGS. COMBUSTIBLE CEILINGS WILL BE ALLOWED.

NOTES

1. FLOOR CONTROL VALVE AT EACH FLOOR SHALL BE PROVIDED WITH A TAMPER SWITCH.

2. ALL CONTROL, DRAIN AND TEST CONNECTION VALVES BE PROVIDED WITH PERMANENTLY MARKED WEATHER PROOF METALIC OR RIGID PLASTIC IDENTIFICATION SIGNS. THE SIGNS SHALL BE SECURED WITH CORROSION-RESISTANT WIRE CHAIN OR OTHER APPROVED MEANS.

1 GENERAL NOTES

N.T.S.

MATERIALS SPECIFICATION

1. **PIPING SYSTEM**
   PIPE SHALL BE STEEL, SCHEDULE 40, BLACK AND IN ACCORDANCE WITH THE SPECIFICATIONS ASTM A - 120 ORA53.
2. **FITTING SCREWED**
   ALL SHALL BE MALLEABLE IRON, 300 Lds. CLASS BLACK IN ACCORDANCE WITH ANSI B16.3.
   FLANGED
   SHALL BE STEEL, SHORT BODY, 150 LBS. CLASS BLACK IN ACCORDANCE B16.1
   WELD
   SHALL BE STEEL, STANDARD WEIGHT, BLACK AND IN ACCORDANCE WITH ANSI B.16.9 ASTM A 234 AND ANSI B16.5 / B16.11.
3. **VALVES**
   3.1 BUTTERFLY VALVE
   SHALL BE FLANGED, IRON BODY, 175 PSI WORKING PRESSURE, VALVES SHALL BE UL LISTED AND FM APPROVED.
   APPROVED MANUFACTURER - GEM, CENTRAL, KENNEDY & CRANE.
   3.2 CHECK VALVE
   SHALL BE FLANGED, SWING TYPE, IRON BODY, BRONZES EAT AND DISC RING, 175PSI WORKING PRESSURE, UL LISTED FM APPROVED.
   3.3 GATE VALVE
   GLOBE TYPE, BRONZE BODY, SCRRWED, 175 PSI PRESSURE APPROVED MANUFACTURER - CRANE, CENTRAL, GEM.
4. **FIRE HOSE CABINET**
   WALL MOUNTED, 16 GAUGE STEEL BODY ALUMINUM DOOR TRIM WITH LOCK AND KEY, STANDARD SIZE 32" x 27" x 7" AND INIT THE FOLLOWING ACCESSORIES.
   5.1 40Ø ADJUSTABLE FOG NOZZLE UL LISTED & FM APPROVED POWHATTAN, GEM, CENTRAL.
   5.2 40Ø HOSE VALVE UL LISTED & FM APPROVED POWHATTAN, GEM, CENTRAL
   5.3 HOSE RACK FOR 100 FT. FIRE HOSE AND RACK NIPPLE LOCAL MANUFACTURED.
   5.4 FIRE HOSE, 1 1/2" x 100 FT. SINGLE JACKET, RUBBER LINED HOSE WITH WAX AND GUM TREATMENT UL LISTED & FM APPROVED GEM, CENTRAL
   5.5 FIRE EXTINGUISHER, ABC DRY POWDER CHEMICAL, 10 LBS. HOSE WITH WAX & GUM TREATMENT UL LISTED & FM APPROVED GEM, CENTRAL.
6. SPRINKLER HEADS
   SHALL BE PENDENT TYPE, UPRIGHT & SIDEWALL POLISH BRASS X WALE NST THREADS CHROMIUM PLATED AND UL LISTED & FM APPROVED. APPROVED MANUFACTURER - GEM, CENTRAL
7. ALARM CHECK VALVE
   SHALL BE BUTTERFLY WAFER STYLE, IRON BODY, RUBBER SEAL AND 175 PSI PRESSURE RATING. VALVES SHALL BE TESTED AND LISTED BY UL & FM APPROVED MANUFACTURER - GEM, CENTRAL, KENNEDY.

2 MATERIAL SPECIFICATION

N.T.S.

NOMINAL PIPE SIZE	S		NØ		MAX. LOAD Recom'd LBS
INCHES	mm	mm	mm	mm	LBS.
1/2	0.80	27.00	64.00	9.50	300
3/4	0.80	31.00	68.00	9.50	300
1	0.80	37.00	68.00	9.50	300
1 1/4	0.80	45.00	76.00	9.50	300
1 1/2	0.80	48.50	84.00	9.50	300
2	1.00	63.00	97.50	9.50	300
4	2.00	116.50	161.00	9.50	650
6	3.00	169.00	234.00	12.70	1250
8	3.00	226.00	305.00	12.70	1250

3 DETAIL OF GALVANIZED LOOP HANGER

N.T.S.

- EQUIPMENT DESIGNATION
- FIRE LINE
- PIPE HANGER
- FIRE HOSE CABINET
- FIRE DEPARTMENT CONNECTION
- UPRIGHT SPRINKLER HEAD
- PENDENT SPRINKLER HEAD
- SIDEWALL SPRINKLER HEAD
- FIRE EXTINGUISHER
- FIRE HOSE VALVE
- BUTTERFLY VALVE W/ TAMPER SWITCH
- GATE VALVE / GLOBE VALVE
- CHECK VALVE
- DS & Y GATE VALVE
- INSPECTOR TEST CONNECTION
- WET-STANDPIPE RISER
- DRY-STANDPIPE RISER
- REDUCER
- FLEXIBLE CONNECTOR
- ALARM GONG
- FLOAT VALVE
- PRESSURE RELIEF VALVE
- ALARM CHECK VALVE
- FIRE LINE
- ROOF MANIFOLD
- RISER NIPPLE
- INSPECTOR TEST CONNECTION
- BLACK IRON PIPE
- CUBIC METER PER HOUR

- TOTAL DYNAMIC HEAD
- DIAMETER
- METER
- MILLIMETER
- KILOWATT
- SIGHT GLASS
- FLOW METER
- PRESSURE GAUGE
- WATER FLOW SWITCH
- BASKET STRAINER
- TWO-WAY BRACE
- FOUR-WAY BRACE
- BLIND FLANGE
- DIRECTION OF FLOW
- UNION PATENT
- ROOF MANIFOLD
- FLOOR CONTROL VALVE ASSEMBLY
- HFC227ea AGENT CYLINDER
- SMOKE DETECTOR
- DISCHARGE NOZZLE
- ABORT SWITCH
- CONTROL PANEL
- MANUAL RELEASE
- ALARM BELL
- STROBE / HORN
- GATE VALVE
- FIRE ALARM CONTROL PANEL
- BLACK IRON PIPE

4 LEGENDS & SYMBOLS

N.T.S.

DESIGNATION	LOCATION	QUANTITY	TYPE	CAPACITY CMH	TDH M	MOTOR INPUT KW	ELECTRICAL CHARACTERISTICS VOLTS	PHASE	HERTZ	REMARKS
FP 1	BASEMENT	1	VERTICAL TURBINE	145.0	82.0	55.45	220	3Ø	60	PUMP SHALL BE NON UL - FM DRIVEN BY A FRANKLIN MOTOR WITH AUTOMATIC & MANUAL MOTOR CONTROLS & OTHER ACCESSORIES TO COMPLETE THE SYSTEM. PUMP SHALL BE WATER LUBRICATED. INSTALLATION SHALL CONFORM TO NFPA STANDARD. CONTRACTOR INSTALL AND SUPPLY NOT INCLUDED IN PHASE 2.
JP 1	BASEMENT	1	VERTICAL TURBINE	5.67	82.0	3.73	220	3Ø	60	PUMP SHALL BE NON UL- FM DRIVEN BY A FRANKLIN MOTOR WITH AUTOMATIC & MANUAL MOTOR CONTROLS & OTHER ACCESSORIES TO COMPLETE THE SYSTEM INSTALLATION SHALL CONFORM TO NFPA STANDARD. CONTRACTOR INSTALL AND SUPPLY NOT INCLUDED IN PHASE 2.

FLOOR DESTINATION	SPRINKLER HEAD: PENDENT TYPE ORDINARY 57°C to 77°C	PENDENT TYPE INTERMIDIATE 79°C to 107°C	UPRIGHT TYPE ORDINARY 57°C to 77°C	UPRIGHT TYPE INTERMIDIATE 79°C to 107°C	SIDE WALL TYPE ORDINARY 57°C to 77°C	SIDE WALL TYPE INTERMIDIATE 79°C to 107°C	FIRE HOSE CABINET (SET)	FIRE HOSE VALVE (65mm Ø)	FIRE DEPARTMENT CONNECTION 100mm Ø x 65mm Ø x 65mm Ø	ROOF MANIFOLD (65mm Ø)	FIRE EXTINGUISHER 10 LBS CO2	FIRE EXTINGUISHER 10 LBS ABC	REMARKS
BASEMENT	-	-	-	130	7	-	2	2	-	-	1	-	A SUPPLY OF SPARE SPRINKLERS OF NOT LESS THAN 6 PCS. SHALL BE MAINTAINED ON THE PREMISES SO THAT ANY SPRINKLER THAT HAVE OPERATED OR DAMAGED IN ANY WAY CAN BE REPLACED. PENDENT TYPE SPRINKLER HEAD SHALL BE ACCOMPANIED WITH ESCUTCHEON PLATES. SPRINKLER HEADS SHALL HAVE A 15" Ø NPT TYPE OF THREAD, SEE SPECS FOR TYPE OF FE.
GROUND FLOOR	65	-	-	78	11	-	3	3	1	-	2	1	
SECOND FLOOR	57	-	-	90	11	-	3	3	1	-	-	-	
THIRD FLOOR	43	-	-	105	10	-	3	3	1	-	-	-	
FOURTH FLOOR	42	-	-	105	10	-	3	3	-	-	-	-	
FIFTH FLOOR	33	-	-	115	10	-	3	3	-	-	-	1	
SIXTH FLOOR	32	-	-	116	10	-	3	3	-	-	-	1	
SEVENTH FLOOR	32	-	-	115	10	-	3	3	-	-	-	1	
EIGHTH FLOOR	108	-	-	39	10	-	3	3	-	-	-	1	
AUDTORIUM FLOOR	71	-	-	6	2	-	1	1	-	-	-	1	
LOWER DECK FLOOR	-	-	-	3	-	-	-	-	-	-	-	1	
TOTAL	483	-	-	787	91	-	27	27	4	1	-	11	

5 EQUIPMENT SCHEDULE

N.T.S.

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Lungsod ng Quezon
CITY ARCHITECT DEPARTMENT
SFDVD CENTER - 3 (BRGY. Bagbag) QUEZON CITY HALL COMPOUND, ELIPTICAL ROAD, DILIMAN, QUEZON CITY

PROVISO:

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ENGR. ISAGANI R. VERSOZA, JR
OIC, CITY ENGINEER

APPROVED BY :

HON. MA. JOSEFINA G. BELMONTE
MAYOR
Q.C.

PROJECT TITLE :
PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING INCLUDING LAND DEVELOPMENT
LOCATION : BRGY. BAGBAG, NOVALICHES, Q.C.

SHEET CONTENTS :
GENERAL NOTES
MATERIAL SPECIFICATION
LEGENDS & SYMBOLS
EQUIPMENT SCHEDULE

PROJECT NO.:

DATE	August 2019
DRAWN BY	L.B.R.
DESIGNED BY	Engr. E. R. Siducao
CHECKED BY	Engr. E. R. Siducao

SHEET NO.: **FP-01**

NOMINAL PIPE SIZE	H"	H1	H2	HØ	RØ	WT	S	MAX. LOAD Recom'd LBS
INCHES	mm	mm	mm	mm	mm	mm	mm	LBS.
2	117.00	70.50	37.30	10.00	5.30	2.10	65.00	810
2 1/2	137.20	80.00	43.00	13.50	8.30	3.00	80.00	1130
3	155.00	96.60	45.50	13.50	8.30	3.00	94.00	1130
4	197.00	125.00	49.00	16.00	8.30	3.00	116.30	1400
6	247.00	162.00	55.50	19.50	11.00	4.00	167.60	1940
8	323.00	235.00	76.00	23.50	14.00	4.20	226.00	2030
10	374.00	291.00	108.00	24.00	17.00	5.50	264.00	3600
12	425.00	343.00	112.50	24.00	17.00	6.00	245.30	3830

1 DETAIL OF GALVANIZED CLEVIS HANGER

NOT TO SCALE

2 PENDENT TYPE SPRINKLER HEAD

NOT TO SCALE

3 DETAIL OF FIRE HOSE VALVE

NOT TO SCALE

4 CONTROL VALVE DETAIL

NOT TO SCALE

5 SIDE WALL TYPE SPRINKLER HEAD

6 DETAIL OF FLUSHING CONNECTION

7 DETAIL OF FIRE HOSE CABINET

8 DETAIL OF PIPE SLEEVE THRU WALL

9 DETAIL OF SIAMESE CONNECTION

10 DETAIL OF INSPECTOR'S TEST PIPE

11 DETAIL OF ROOF MANIFOLD

12 SET-UP VALVE ALARM DETAIL

13 DETAIL OF PIPE SLEEVE THRU FLOOR

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CITY ARCHITECT DEPARTMENT
SF CIVIC CENTER - D (ERO. BLDG.), QUEZON CITY HALL COMPOUND, ELIPTICAL ROAD, DILIMAN, QUEZON CITY

PROVISO:

RECOMMENDING APPROVAL

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OIC/CITY ENGINEER

APPROVED BY:

HON. MA. JOSEFINA G. BELMONTE
MAYOR

PROJECT TITLE:
PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING INCLUDING LAND DEVELOPMENT
LOCATION : BRGY. BAGBAG, NOVALICHES, QC.

SHEET CONTENTS:
DETAIL OF GALVANIZED CLEVIS HANGER, PENDENT TYPE SPRINKLER HEAD, DETAIL OF FIRE HOUSE VALVE CONTROL VALVE DETAIL, SIDE WALL TYPE SPRINKLER HEAD, DETAIL OF FLUSHING CONNECTION, DETAIL OF FIRE HOSE CABINET, DETAIL OF PIPE SLEEVE THRU WALL, DETAIL OF SIAMESE CONNECTION, DETAIL OF INSPECTOR'S TEST PIPE, DETAIL OF ROOF MANIFOLD, SET-UP VALVE ALARM DETAIL, DETAIL OF PIPE SLEEVE THRU FLOOR

PROJECT NO.:

DATE	August 2019
DRAWN BY	L.B.R.
DESIGNED BY	Engr. E. R. Sibucao
CHECKED BY	Engr. E. R. Sibucao

SHEET NO.: **FP-02**

1 LOWER GROUND FLOOR / PARKING AREA FIRE PROTECTION LAYOUT

SCALE 1:100 METERS (24 x 36)
SCALE 1:200 METERS(A3)

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CITY ARCHITECT DEPARTMENT
5F CIVIC CENTER - D (BRO Bldg), QUEZON CITY HALL COMPOUND,
ELLIPTICAL ROAD, DILIMAN, QUEZON CITY

PROVISO:

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OIC, CITY ENGINEER

APPROVED BY :

HON. MA. JOSEFINA G. BELMONTE
MAYOR

PROJECT TITLE :
PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING INCLUDING LAND DEVELOPMENT
LOCATION : BRGY. BAGBAG, NOVALICHES, QC.

SHEET CONTENTS :
LOWER GROUND FLOOR / PARKING AREA
FIRE PROTECTION LAYOUT

PROJECT NO.:

DATE	August 2019
DRAWN BY	L.B.R.
DESIGNED BY	Engr. E. R. Sibucao
CHECKED BY	Engr. E. R. Sibucao

SHEET NO :
FP-03

1 GROUND FLOOR FIRE PROTECTION LAYOUT

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CITY ARCHITECT DEPARTMENT
5F CMC CENTER - 3 (BRO. Bag), QUEZON CITY HALL COMPOUND,
ELI PTCH, ROAD, DILIMAN, QUEZON CITY

PROVISO:

RECOMMENDING APPROVAL

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CITY ARCHITECT

ENGR. ISAGANI R. VERSOZA, JR
OIC, CITY ENGINEER

APPROVED BY :

HON. MA. JOSEFINA G. BELMONTE
MAYOR

PROJECT TITLE :
PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING INCLUDING LAND DEVELOPMENT

LOCATION : BRGY. BAGBAG, NOVALICHES, QC.

SHEET CONTENTS :
GROUND FLOOR FIRE PROTECTION LAYOUT

SCALE 1:100 METERS (24 x 36)
SCALE 1:200 METERS(A3)

PROJECT NO.:	
DATE	August 2019
DRAWN BY	L.B.R.
DESIGNED BY	Engr. E. R. Sibucao
CHECKED BY	Engr. E. R. Sibucao

SHEET NO.: FP-04

1 SECOND FLOOR FIRE PROTECTION LAYOUT

SCALE 1:100 METERS (24 x 36)
SCALE 1:200 METERS(A3)

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CITY ARCHITECT DEPARTMENT
5F CIVIC CENTER - D (BRO. Bag), QUEZON CITY HALL COMPOUND,
ELLIPTICAL ROAD, DILIMAN, QUEZON CITY

PROVISO:

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PROJECT TITLE :
PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING INCLUDING LAND DEVELOPMENT
LOCATION : BRGY. BAGBAG, NOVALICHES, QC

SHEET CONTENTS :
SECOND FLOOR FIRE PROTECTION LAYOUT

DATE	August 2019
DRAWN BY	L.B.R.
DESIGNED BY	Engr. E. R. Sibucao
CHECKED BY	Engr. E. R. Sibucao

PROJECT NO.:

SHEET NO.:
FP-05

1 THIRD FLOOR FIRE PROTECTION LAYOUT

Republika ng Pilipinas
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CITY ARCHITECT DEPARTMENT
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PROJECT TITLE:
PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING INCLUDING LAND DEVELOPMENT

LOCATION : BRGY. BAGBAG, NOVALICHES, QC.

SHEET CONTENTS:
THIRD FLOOR FIRE PROTECTION LAYOUT

SCALE 1:100 METERS (24 x 36)
SCALE 1:200 METERS(A3)

DATE	August 2019
DRAWN BY	L.B.R.
DESIGNED BY	Engr. E. R. Sibucao
CHECKED BY	Engr. E. R. Sibucao

PROJECT NO.:

SHEET NO.: **FP-06**

1 FOURTH FLOOR FIRE PROTECTION LAYOUT

SCALE 1:100 METERS (24 x 36)
SCALE 1:200 METERS(A3)

Republika ng Pilipinas
Lungsod ng Quezon
CITY ARCHITECT DEPARTMENT
5F CIVIC CENTER - D (ERO. Bldg), QUEZON CITY HALL COMPOUND, ELIPTICAL ROAD, DILIMAN, QUEZON CITY

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PROJECT TITLE :

PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING INCLUDING LAND DEVELOPMENT

LOCATION : BRGY. BAGBAG, NOVALICHES, QC.

SHEET CONTENTS :

FOURTH FLOOR FIRE PROTECTION LAYOUT

PROJECT NO.:

DATE	August 2019
DRAWN BY	L.B.R.
DESIGNED BY	Engr. E. R. Sibucao
CHECKED BY	Engr. E. R. Sibucao

SHEET NO.:

FP-07

1 FOURTH FLOOR FIRE PROTECTION LAYOUT

SCALE 1:100 METERS (24 x 36)
SCALE 1:200 METERS(A3)

Republika ng Pilipinas
Lungsod ng Quezon
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PROJECT TITLE :
PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING INCLUDING LAND DEVELOPMENT

LOCATION : BRGY. BAGBAG, NOVALICHES, QC.

SHEET CONTENTS :
FOURTH FLOOR FIRE PROTECTION LAYOUT

DATE	August 2019
DRAWN BY	L.B.R.
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PROJECT NO.:

SHEET NO.: **FP-07**

1 FIFTH FLOOR FIRE PROTECTION LAYOUT (NOT INCLUDED IN THIS PROGRAM)

SCALE 1:100 METERS (24 x 36)
SCALE 1:200 METERS(A3)

Republika ng Pilipinas
Lungsod ng Quezon
CITY ARCHITECT DEPARTMENT
5F CIVIC CENTER - DIBRO Bldg. QUEZON CITY HALL COMPOUND,
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PROJECT TITLE :
PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING INCLUDING LAND DEVELOPMENT
LOCATION : BRGY. BAGBAG, NOVALICHES, QC.

SHEET CONTENTS :
FIFTH FLOOR FIRE PROTECTION LAYOUT

PROJECT NO.:	
DATE	August 2019
DRAWN BY	L.B.R.
DESIGNED BY	Engr. E. R. Sibucao
CHECKED BY	Engr. E. R. Sibucao

SHEET NO.: **FP-08**

SCALE 1:100 METERS (24 x 36)
SCALE 1:200 METERS(A3)

1 SIXTH FLOOR FIRE PROTECTION LAYOUT (NOT INCLUDED IN THIS PROGRAM)

Republika ng Pilipinas
Lungsod ng Quezon
CITY ARCHITECT DEPARTMENT
5F CIVIC CENTER - G-BRGY. BAGUL QUEZON CITY HALL COMPOUND, ELLIPTICAL ROAD, DILIMAN, QUEZON CITY

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PROJECT TITLE :
PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING INCLUDING LAND DEVELOPMENT

LOCATION : BRGY. BAGBAG, NOVALICHES, QC

SHEET CONTENTS :
SIXTH FLOOR FIRE PROTECTION LAYOUT

PROJECT NO.:

DATE	August 2019
DRAWN BY	L.B.R.
DESIGNED BY	Engr. E. R. Sibucao
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SHEET NO.:
FP-09

1 SEVENTH FLOOR FIRE PROTECTION LAYOUT (NOT INCLUDED IN THIS PROGRAM)

SCALE 1:100 METERS (24 x 36)
SCALE 1:200 METERS(A3)

Republika ng Pilipinas
Lungsod ng Quezon
CITY ARCHITECT DEPARTMENT
5F CIVIC CENTER - D (SRO Bldg), QUEZON CITY HALL COMPOUND, ELLIPTICAL ROAD, DILIMAN, QUEZON CITY

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PROJECT TITLE:
PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING,INCLUDING LAND DEVELOPMENT
LOCATION: BRGY. BAGBAG, NOVALICHES, QC.

SHEET CONTENTS:
SEVENTH FLOOR FIRE PROTECTION LAYOUT

PROJECT NO.:

DATE	August 2019
DRAWN BY	L.B.R.
DESIGNED BY	Engr. E. R. Sibucao
CHECKED BY	Engr. E. R. Sibucao

SHEET NO.: **FP-10**

1 EIGHTH FLOOR FIRE PROTECTION LAYOUT (NOT INCLUDED IN THIS PROGRAM)

SCALE 1:100 METERS (24 x 36)
SCALE 1:200 METERS(A3)

Republika ng Pilipinas
Lungsod ng Quezon
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PROJECT TITLE:

PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING INCLUDING LAND DEVELOPMENT

LOCATION : BRGY. BAGBAG, NOVALICHES, QC.

SHEET CONTENTS:

EIGHTH FLOOR FIRE PROTECTION LAYOUT

PROJECT NO.:	
DATE	August 2019
DRAWN BY	L.B.R.
DESIGNED BY	Engr. E. R. Silucao
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SHEET NO.: **FP-11**

1 AUDITORIUM / ROOF FIRE PROTECTION LAYOUT (NOT INCLUDED IN THIS PROGRAM)

SCALE 1:100 METERS (24 x 36)
SCALE 1:200 METERS(A3)

Republika ng Pilipinas
Lungsod ng Quezon
CITY ARCHITECT DEPARTMENT
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PROJECT TITLE :
PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY BUILDING WITH LAND DEVELOPMENT OF BAGBAG INTEGRATED HIGH SCHOOL
LOCATION : BRGY. BAGBAG, NOVALICHES, QUEZON CITY

SHEET CONTENTS :
AUDITORIUM / ROOF FLOOR FIRE PROTECTION LAYOUT
DECK FLOOR FIRE PROTECTION LAYOUT

PROJECT NO.:

DATE	August 2019
DRAWN BY	L.B.R.
DESIGNED BY	Engr. E. R. Sibucao
CHECKED BY	Engr. E. R. Sibucao

SHEET NO.: **FP-12**

1 DECK FLOOR FIRE PROTECTION LAYOUT (NOT INCLUDED IN THIS PROGRAM)

SCALE 1:100 METERS (24 x 36)
SCALE 1:200 METERS(A3)

Republika ng Pilipinas
Lungsod ng Quezon
CITY ARCHITECT DEPARTMENT
SF ON Q CENTER - D BLDG. 3RD FL, DILIMAN, QUEZON CITY 4ALL COMPOUND, ELLIPTICAL ROAD, DILIMAN, QUEZON CITY

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PROJECT TITLE :

PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING INCLUDING LAND DEVELOPMENT

LOCATION : BRGY. BAGBAG, NOVALICHES, QC

SHEET CONTENTS :

DECK FLOOR FIRE PROTECTION LAYOUT

PROJECT NO.:

DATE	August 2019
DRAWN BY	L.B.R.
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CHECKED BY	Engr. E. R. Sibucao

SHEET NO.:

FP-13

PLUMBING NOTES

1. ALL PLUMBING WORKS SHALL BE EXECUTED IN ACCORDANCE WITH THE LATEST PROVISION OF PHILIPPINE PLUMBING CODE, THE UNIFORM PLUMBING CODE, THE NATIONAL BUILDING CODE, AND THE RULES AND REGULATION OF THE QUEZON CITY.
2. COORDINATE THE DRAWINGS WITH OTHER RELATED DRAWINGS AND SPECIFICATIONS. THE ARCHITECT / ENGINEER SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCY FOUND THEREIN.
3. ALL PIPES SHALL BE INSTALLED AS INDICATED ON PLANS. ANY RELOCATIONS REQUIRED FOR PROPER EXECUTION OF OTHER TRADES SHALL BE WITH PRIOR APPROVAL OF ARCHITECT / ENGINEER.
4. ALL SLOPES FOR SANITARY AND STORM DRAINAGE LINES SHALL MAINTAIN A ONE PERCENT (0.01) AND ONE-HALF (0.005) MIN RESPECTIVELY UNLESS OTHERWISE SPECIFIED.
5. PROPOSED SANITARY UTILITIES SHALL CONFORM TO ACTUAL LOCATION, DEPTH AND INVERT ELEVATION OF ALL EXISTING PIPES AND STRUCTURES.
6. ALL WATER SUPPLY PIPES & DRAIN SIZES OF FIXTURES SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATION.
7. TESTING OF SANITARY AND WATERLINES SHALL CONFORM TO THE LATEST REQUIREMENTS OF PHILIPPINE PLUMBING CODE AND UNIFORM PLUMBING CODE.
8. ALL PIPES SIZES AND DIMENSIONS ARE IN MILLIMETER UNLESS OTHERWISE SPECIFIED.
9. WATER LINE SHALL BE PPR TYPE OR FUSION WELD TYPE.
10. SOIL PIPE, WASTE & VENT SHALL BE PVC SANIMOLD EXTRA OR APPROVAL EQUAL.
11. STORM DRAINAGE LINE 230mmØ AND BELOW SHALL BE POLYVINYL CHLORIDE. 250mmØ AND ABOVE SHALL BE REINFORCED CONCRETE PIPE.
12. GATE VALVE SHALL BE PPR TYPE.
13. WATER METER SHALL BE ANY ANY BRAND APPROVE BY MWSS.
14. ROOF DRAIN SHALL BE ASA 10-12, PIPE SIZE 4" Ø BY ASA METAL OR APPROVAL EQUAL.
15. WATER CLOSET SHALL BE VITREOUS CHINA, FREE STANDING TOILET COMBINATION.
16. ROUND FRONT BOTTOM OUTLET SIPHON VORTEX OR WASH-DOWN BOWL WITH EXTENDED REAR SELF AND CLOSED COUPLED TANK WITH COVER COMPLETE WITH FITTING AND MOUNTING ACCESSORIES.
17. LAVATORY SHALL BE VITREOUS CHINA, WALL HUNG WITH REAR OVERFLOW AND CAST IN SOAP DISHES, POCKET HANGER WITH INTEGRAL CHINA BRACKET, COMPLETE WITH TWIN FAUCETS, SUPPLY PIPES, P-TRAP AND MOUNTING ACCESSORIES.
18. WHERE INDICATED ON PLANS, THE COUNTER TOP MODEL MAKE AND COLOR SHALL BE APPROVED BY THE DESIGNING ARCHITECT.
19. GRAB BARS SHALL BE MADE OF TUBULAR STAINLESS STEEL PIPE PROVIDED WITH SAFETY GRIP AND MOUNTING FLANGE.
20. FLOOR DRAINS SHALL BE MADE OF STAINLESS STEEL BEEHIVE TYPE, MEASURING 10cm X 10cm AND PROVIDED WITH DETACHABLE STAINLESS STRAINER, EXPANDED METAL LATH TYPE.
21. SOAP HOLDER SHALL BE VITREOUS CHINA WALL MOUNTED. COLOR SHALL RECONCILE WITH THE ADJACENT TILE WORKS.
22. TOILET PAPER HOLDER SHALL BE VITREOUS CHINA WALL MOUNTED. COLOR SHALL RECONCILE WITH THE ADJACENT FIXTURE AND FACING TILES.
23. FAUCETS SHALL BE MADE OF STAINLESS STEEL FOR INTERIOR USE.
24. HOSE BIBB SHALL BE MADE OF BRONZE CAST FINISH.

1 GENERAL NOTES

DESIGNATION	LOCATION	QUANTITY	DESCRIPTION	REMARKS
OHT 1	UPPER DECK	2 UNITS	**OVERHEAD WATER TANK**, STAINLESS STEEL CONSTRUCTION, 1/4" THICK WITH A CAPACITY OF 3,320 GALLONS, COMPLETE W/ MANHOLE LADDER RUNG, SADDLE, STRAP, INLET PORT, OUTLET PORT, VENT, DRAIN PORT & MANHOLE COVER. DIMENSION SHALL BE 2000.0mm DIAMETER WITH A LENGTH OF 4000.0mm VERTICALLY INSTALLED.	CONTRACTOR SUPPLY & INSTALL. REFER TO STRUCTURAL PLANS FOR DETAILS AND MOUNTING.
BP 1	UPPER DECK	2 UNITS	**BOOSTER PUMP**, CENTRIFUGALLY END - SUCTION, CAST-IRON CONSTRUCTION, HARD PLASTIC IMPELLER, DOUBLE MECHANICAL SEAL, WITH A CAPACITY OF 123 GPM AGAINST 100 FT TOTAL DYNAMIC HEAD, CLOSE COUPLED TO A 5.0 HP, 220V, 1Ø, 60 HZ HIGH EFFICIENT MOTOR. COMPLETE WITH MAGNETIC STARTER AND OTHERS ACCESSORIES NEEDED FOR AND OR ALTERNATE OPERATION.	MOTOR SHALL BE US MADE OR APPROVED EQUAL.
TP 1	BASEMENT	2 UNITS	**TRANSFER PUMP**, CENTRIFUGALLY END-SUCTION, CAST-IRON CASING, STAINLESS STEEL SHAFT, MECHANICAL SEAL, HARD PLASTIC IMPELLER, W/ A CAPACITY OF 150 GALLONS PER MINUTE AGAINST 140 FT. TOTAL DYNAMIC HEAD, CLOSE-COUPLED TO A 10.0 HP, 220, 3Ø, 60HZ HIGH EFFICIENT MOTOR COMPLETE W/ ELECTRODES FOR CISTERN & OVERHEAD TANK, ALTERNATOR AND OTHER ACCESSORIES NEEDED FOR AUTOMATIC OPERATION.	CONTRACTOR SUPPLY & INSTALL. MOTOR SHALL BE US MADE OR APPROVED EQUAL.
PT 1	UPPER DECK	1 UNIT	**PRESSURE TANK**, STAINLESS STEEL, GA# 14, 200.0 GALS CAPACITY COMPLETE WITH INLET PORT, DRAIN PORT, PRESSURE GAUGE AND PRESSURE SWITCH SET AT 35/50 PSI CUT-IN/ CUT-OFF PRESSURE.	LOCALLY FABRICATED AND FACTORY TESTED AT 100 PSI WORKING PRESSURE
SP 1	BASEMENT	2 UNITS	**SUMP PUMP**, SUBMERSIBLE TYPE, NON-CLOG, DESIGNED TO PUMP WASTE WATER. PUMP SHALL HAVE A CAPACITY OF 150 GALS PER MINUTE AGAINST A TOTAL DYNAMIC HEAD OF 40 FT. AND DRIVEN BY 3HP, 220 V, 3Ø, 60 HZ SUBMERSIBLE MOTOR. COMPLETE W/ FLOAT SWITCHES FOR AUTOMATIC ALTERNATING & PARALLEL OPERATION.	CAPACITY AND HP RATINGS OF SUMP PUMPS MAY CHANGE DEPENDING UPON THE ACTUAL SEEPAGE AT JOBSITE ENCOUNTERED DURING CONSTRUCTION. PUMP WILL AUTOMATICALLY BEGIN PARALLEL OPERATION W/ ABNORMAL INCREASE IN WATER VOLUME TO PREVENT FLOODING.
SP 2	BASEMENT	4 UNITS	**SUMP PUMP**, SUBMERSIBLE TYPE, NON-CLOG, DESIGNED TO PUMP WASTE WATER. PUMP SHALL HAVE A CAPACITY OF 50 GALS PER MINUTE AGAINST A TOTAL DYNAMIC HEAD OF 40 FT. AND DRIVEN BY 1.0HP, 220 V, 1Ø, 60 HZ SUBMERSIBLE MOTOR. COMPLETE W/ FLOAT SWITCHES FOR AUTOMATIC ALTERNATING & PARALLEL OPERATION.	CAPACITY AND HP RATINGS OF SUMP PUMPS MAY CHANGE DEPENDING UPON THE ACTUAL SEEPAGE AT JOBSITE ENCOUNTERED DURING CONSTRUCTION. PUMP WILL AUTOMATICALLY BEGIN PARALLEL OPERATION W/ ABNORMAL INCREASE IN WATER VOLUME TO PREVENT FLOODING.
RWC 1	LOWER DECK	16 UNITS	**RAINWATER COLLECTOR**, 3,200 LITERS CAPACITY COMPLETE WITH INLET PORT, OUTLET PORT, OVERFLOW PORT, VENT & MANHOLE. TANK SHALL BE MADE FROM HIGH PREMIUM POLYETHYLENE. INLET OF TANK SHALL BE EQUIPPED W/ 50 LITERS FLUSH DIVERTER.	CONTRACTOR SUPPLY & INSTALL. REFER TO STRUCTURAL PLANS FOR DETAILS AND MOUNTING.

2 EQUIPMENT SCHEDULE

PLAN

SECTION

NOTE : ROUGHING - INS ONLY
(EQUIPMENT AND FIXTURES NOT INCLUDED)

6 DETAIL OF AREA DRAIN / CATCH BASIN

NOTE : ROUGHING - INS ONLY
(EQUIPMENT AND FIXTURES NOT INCLUDED)

7 PERIMETER TRENCH DETAIL

8 TRENCH DRAIN DETAIL

VERTICAL PERFORATED PIPE DETAIL

9 PERFORATED PIPE DETAIL

ELEVATION PLAN

MODEL	PS-3	PS40C1
EFFECTIVE VOLUME (liters)	2800	5500
INLET/OUTLET DIAMETER (mm)	100	100
DETENTION TIME (hours)	≥ 24	≥ 24
DIMENSIONS		
A. DIAMETER (mm)	1400	2250
B. HEIGHT (mm)	1690	2050
C. TOP OF TANK TO BOTTOM OF INLET (mm)	250	250
D. TOP OF TANK TO BOTTOM OF OUTLET (mm)	400	350
E. INSPECTION ACCESS (mm)	410	400x520
F. DESLUDGING ACCESS (mm)	210	210

3 DETAIL OF SEWAGE TREATMENT TANK

	UNION PATZINT	DD	DECK DRAIN
	CHECK VALVE	UR	URINAL
SSK	SLOPE SINK	GV	GATE VALVE
BS	BUILDING SEWER	mm	MILL METER
BD	BUILDING DRAIN	PVC	POLYVINYL CHLORIDE
PT	WASTE TANK	WC	WATER CLOSET
AD/CB	AREA DRAIN / CATCH BASIN	LAV	LAVATORY
	WASTE LINE	SP	SOIL PIPE
	WATER LINE	MH	MANHOLE
	RAIN WATER LINE	GCO	GROUND CLEANOUT
	GATE VALVE	FCO	FLOOR CLEANOUT
	PIPE DOWN	FD	FLOOR DRAIN
	PIPE UP	Ø	DIAMETER
	END CAP	TP	TRANSFER PUMP
	DIRECTION OF FLOW / SLOPE	SS	SOIL STACK
	VENT LINE	VS	VENT STACK
	STORM DRAIN LINE	VTR	VENT THRU ROOF
HB	HOSE BIBB	CWR	COLD WATER RISER
DS	DOWNSPOUT	TDH	TOTAL DYNAMIC HEAD
RD	ROOF DRAIN	PVCP	POLYVINYL CHLORIDE PIPE

4 LEGENDS & SYMBOLS

5 CLEAN OUT THRU FLOOR DETAIL

PLAN

SECTION

10 SUMP PIT DETAIL

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CITY ARCHITECT DEPARTMENT
SFC CIVIC CENTER - DIBRO Bldg. QUEZON CITY HALL COMPOUND, ELIPTICAL ROAD, DILIMAN QUEZON CITY

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PROJECT TITLE :

PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING INCLUDING LAND DEVELOPEMENT

LOCATION : BRGY. BAGBAG, NOVALICHES, Q.C

SHEET CONTENTS :

GENERAL NOTES, EQUIPMENT SCHEDULE, LEGEND & SYMBOLS, CLEAN OUT THRU, FLOOR DETAIL, DETAIL OF AREA DRAIN / CATCH BASIN, PERIMETER TRENCH DETAIL, TRENCH DRAIN DETAIL, PERFORATED PIPE DETAIL, SUMP PIT DETAIL

PROJECT NO.:

DATE	November 2019
DRAWN BY	F.G.C.
DESIGNED BY	Engr. E. R. Sibucao
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SHEET NO.: **PL-01**

1 BASEMENT SANITARY AND STORM DRAINAGE LAYOUT

SCALE 1:100 METERS (20 x 30)
SCALE 1:200 METERS(A3)

Republika ng Pilipinas
Lungsod ng Quezon
CITY ARCHITECT DEPARTMENT
5F CIVIC CENTER - D. JOSE BRAZIL QUEZON CITY HALL COMPOUND,
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PROJECT TITLE :
PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING INCLUDING LAND DEVELOPEMENT
LOCATION : BRGY. BAGBAG, NOVALICHES, Q.C

SHEET CONTENTS :
BASEMENT SANITARY AND STORM DRAINAGE LAYOUT

PROJECT NO.:

DATE :	November 2019
DRAWN BY	F.G.C.
DESIGNED BY	Engr. E. R. Sibucao
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SHEET NO.:
PL-02

1 GROUND FLOOR SANITARY AND STORM DRAINAGE LAYOUT

SCALE 1:100 METERS (20 x 30)
SCALE 1:200 METERS(A3)

Republika ng Pilipinas
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CITY ARCHITECT DEPARTMENT
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PROJECT TITLE:
PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING INCLUDING LAND DEVELOPEMENT

LOCATION: BMGY. BAGBAG, NOVALICHES, Q.C

SHEET CONTENTS:
GROUND FLOOR SANITARY AND STORM DRAINAGE LAYOUT

PROJECT NO.:	
DATE	November 2019
DRAWN BY	F.G.C.
DESIGNED BY	Engr. E. R. Silvacao
CHECKED BY	Engr. E. R. Silvacao

SHEET NO.: **PL-03**

1 SECOND FLOOR SANITARY AND STORM DRAINAGE LAYOUT

SCALE 1:100 METERS (20 x 30)
SCALE 1:200 METERS(A3)

Republika ng Pilipinas
Lungsod ng Quezon
CITY ARCHITECT DEPARTMENT
SFCMC CENTER - D (SRO Bldg), QUEZON CITY HALL COMPOUND,
ELLIPTICAL ROAD, DILIMAN, QUEZON CITY

PROVISO:

RECOMMENDING APPROVAL

AR. LUCILLE H. CHUA, fuap, piep
CITY ARCHITECT

ENGR. ISAGANI R. VERZOSA, JR
OIC CITY ENGINEER

APPROVED BY :

HON. MA. JOSEFINA G. BELMONTE
MAYOR Q.C.

PROJECT TITLE :
PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING INCLUDING LAND DEVELOPEMENT
LOCATION : BRGY. BAGBAG, NOVALICHES, Q.C

SHEET CONTENTS :
SECOND FLOOR SANITARY AND STORM DRAINAGE LAYOUT

PROJECT NO.:

DATE	November 2019
DRAWN BY	F.G.C.
DESIGNED BY	Engr. E. R. Sibucao
CHECKED BY	Engr. E. R. Sibucao

SHEET NO.: PL-04

1 THIRD FLOOR SANITARY AND STORM DRAINAGE LAYOUT

SCALE 1:100 METERS (20 x 30)
SCALE 1:200 METERS(A3)

Republika ng Pilipinas
Lungsod ng Quezon
CITY ARCHITECT DEPARTMENT
5/F CMC CENTER - D (BRO. Bing), QUEZON CITY HALL COMPOUND,
ELIPTICAL ROAD, DILIMAN, QUEZON CITY

PROVISO:

RECOMMENDING APPROVAL

AR. LUCILLE H. CHUA,fuap, piep
CITY ARCHITECT

ENGR. ISAGANI R. VERZOSA, JR
OIC-CITY ENGINEER

APPROVED BY :

HON. MA. JOSEFINA G. BELMONTE
MAYOR

PROJECT TITLE :

PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING INCLUDING LAND DEVELOPEMENT

LOCATION : BRGY. BAGBAG, NOVALICHES, Q.C

SHEET CONTENTS :

THIRD FLOOR SANITARY AND STORM DRAINAGE LAYOUT

PROJECT NO.:

DATE	November 2019
DRAWN BY	F.G.C.
DESIGNED BY	Engr. E. R. Sibucao
CHECKED BY	Engr. E. R. Sibucao

SHEET NO.:

PL-05

1 FOURTH FLOOR SANITARY AND STORM DRAINAGE LAYOUT

SCALE 1:100 METERS (20 x 30)
SCALE 1:200 METERS(A3)

Republika ng Pilipinas
Lungsod ng Quezon
CITY ARCHITECT DEPARTMENT
5F CIVIC CENTER - 3 (BRO. Brgy. QUEZON CITY HALL COMPOUND,
ELLIPTICAL ROAD, D LUNAR, QUEZON CITY

PROVISO:

RECOMMENDING APPROVAL

AR. LUCILLE H. CHUA fuap, piep
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ENGR. ISAGANI R. VERZOSA, JR
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APPROVED BY :

HON. MA. JOSEFINA G. BELMONTE
MAYOR Q.C.

PROJECT TITLE :
PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING INCLUDING LAND DEVELOPEMENT

LOCATION : BRGY. BAGBAG, NOVALICHES, Q.C

SHEET CONTENTS :
FOURTH FLOOR SANITARY AND STORM DRAINAGE LAYOUT

PROJECT NO.:

DATE	November 2019
DRAWN BY	F.G.C.
DESIGNED BY	Engr. E. R. Sibucao
CHECKED BY	Engr. E. R. Sibucao

SHEET NO.:
PL-06

1 FIFTH FLOOR SANITARY AND STORM DRAINAGE LAYOUT (NOT INCLUDED IN THIS PROGRAM)

SCALE 1:100 METERS (20 x 30)
SCALE 1:200 METERS(A3)

Republika ng Pilipinas
Lungsod ng Quezon
CITY ARCHITECT DEPARTMENT
5F CIVIC CENTER - D (BRO. BIG), QUEZON CITY HALL COMPOUND,
ELLIPTICAL ROAD, DILIMAN, QUEZON CITY

PROVISO:

RECOMMENDING APPROVAL

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APPROVED BY :

HON. MA. JOSEFINA G. BELMONTE
MAYOR Q.C.

PROJECT TITLE:
PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING INCLUDING LAND DEVELOPEMENT

LOCATION : BRGY. BAGBAG, NOVALICHES, Q.C

SHEET CONTENTS :
FIFTH FLOOR SANITARY AND STORM DRAINAGE LAYOUT

PROJECT NO.:

DATE	November 2019
DRAWN BY	F.G.C.
DESIGNED BY	Engr. E. R. Sibucao
CHECKED BY	Engr. E. R. Sibucao

SHEET NO.: PL-07

1 **SIXTH FLOOR SANITARY AND STORM DRAINAGE LAYOUT (NOT INCLUDED IN THIS PROGRAM).**

Republika ng Pilipinas
Lungsod ng Quezon
CITY ARCHITECT DEPARTMENT
SFC CIVIC CENTER - 3 (BRGY. BAGBAG) QUEZON CITY HALL COMPOUND, ELLIPTICAL ROAD, DILIMAN, QUEZON CITY

PROVISO:

RECOMMENDING APPROVAL

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OIC, CITY ENGINEER

APPROVED BY :

HON. MA. JOSEFINA G. BELMONTE
MAYOR
Q.C.

PROJECT TITLE :
PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING INCLUDING LAND DEVELOPEMENT
LOCATION : BRGY. BAGBAG, NOVALICHES, Q.C

SHEET CONTENTS :
SIXTH FLOOR SANITARY AND STORM DRAINAGE LAYOUT

SCALE 1:100 METERS (20 x 30)
SCALE 1:200 METERS(A3)

PROJECT NO.:

SHEET NO.:
PL-08

DATE	November 2019
DRAWN BY	F.G.C.
DESIGNED BY	Engr. E. R. Sibucao
CHECKED BY	Engr. E. R. Sibucao

1 SEVENTH FLOOR SANITARY AND STORM DRAINAGE LAYOUT (NOT INCLUDED IN THIS PROGRAM)

SCALE 1:100 METERS (20 x 30)
SCALE 1:200 METERS(A3)

Republika ng Pilipinas
Lungsod ng Quezon
CITY ARCHITECT DEPARTMENT
SF CIVIC CENTER - D (BRG. BAG), QUEZON CITY HALL COMPOUND, ELIPTICAL ROAD, DILIMAN, QUEZON CITY

PROVISO:

RECOMMENDING APPROVAL

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APPROVED BY:

HON. MA. JOSEFINA G. BELMONTE
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PROJECT TITLE:
PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING INCLUDING LAND DEVELOPEMENT
LOCATION : BRGY. BAGBAG, NOVALICHES, Q.C

SHEET CONTENTS:
SEVENTH FLOOR SANITARY AND STORM DRAINAGE LAYOUT

PROJECT NO.:

DATE	November 2019
DRAWN BY	F.G.C.
DESIGNED BY	Engr. E. R. Sibucao
CHECKED BY	Engr. E. R. Sibucao

SHEET NO.: PL-09

1 EIGHTH FLOOR SANITARY AND STORM DRAINAGE LAYOUT (NOT INCLUDED IN THIS PROGRAM)

SCALE 1:100 METERS (20 x 30)
SCALE 1:200 METERS(A3)

Republika ng Pilipinas
Lungsod ng Quezon
CITY ARCHITECT DEPARTMENT
SF CIVIC CENTER - D (BRO.BAG), QUEZON CITY 4ALL COMPOUND,
ELIPTICAL ROAD, DILIMAN, QUEZON CITY

PROVISO:

RECOMMENDING APPROVAL

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ENGR. ISAGANI R. VERZOSA, JR
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APPROVED BY :

HON. MA. JOSEFINA G. BELMONTE
MAYOR Q.C

PROJECT TITLE:
PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING INCLUDING LAND DEVELOPEMENT
LOCATION BRGY. BAGBAG, NOVALICHES, Q.C

SHEET CONTENTS :
EIGHTH FLOOR SANITARY AND STORM DRAINAGE LAYOUT

PROJECT NO.:	
DATE	November 2019
DRAWN BY	F.G.C
DESIGNED BY	Engr. E. R. Silbucao
CHECKED BY	Engr. E. R. Silbucao

SHEET NO.: PL-10

1 AUDITORIUM / ROOF DECK SANITARY AND STORM DRAINAGE LAYOUT (NOT INCLUDED IN THIS PROGRAM).

SCALE 1:100 METERS (20 x 30)
SCALE 1:200 METERS(A3)

Republika ng Pilipinas
Lungsod ng Quezon
CITY ARCHITECT DEPARTMENT
5F CIVIC CENTER - D (BRO. BAG), QUEZON CITY HALL COMPOUND,
EL. PT CALROAD, DILIMAN, QUEZON CITY

PROVISO:

RECOMMENDING APPROVAL

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HON. MA. JOSEFINA G. BELMONTE
MAYOR

PROJECT TITLE:
PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING INCLUDING LAND DEVELOPEMENT

LOCATION: BRGY. BAGBAG, NOVALICHES, Q.C

SHEET CONTENTS:
AUDITORIUM / ROOF SANITARY AND STORM DRAINAGE LAYOUT

PROJECT NO.:

DATE	November 2019
DRAWN BY	F.G.C.
DESIGNED BY	Engr. E. R. Sibucao
CHECKED BY	Engr. E. R. Sibucao

SHEET NO.: PL-11

UPPER DECK SANITARY AND STORM DRAINAGE LAYOUT

SCALE 1:100 METERS (20 x 30)
SCALE 1:200 METERS(A3)

1 DECK SANITARY AND STORM DRAINAGE LAYOUT (NOT INCLUDED IN THIS PROGRAM)

SCALE 1:100 METERS (20 x 30)
SCALE 1:200 METERS(A3)

Republika ng Pilipinas
Lungsod ng Quezon
CITY ARCHITECT DEPARTMENT
5/F CIVIC CENTER - D (BRO. BIÑO), QUEZON CITY HALL COMPOUND, ELIPTICAL ROAD, DILIMAN, QUEZON CITY

PROVISO:

RECOMMENDING APPROVAL

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OIC, CITY ENGINEER

APPROVED BY :

HON. MA. JOSEFINA G. BELMONTE
MAYOR

PROJECT TITLE :
PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING INCLUDING LAND DEVELOPEMENT
LOCATION : BRGY. BAGBAG, NOVALICHES, Q.C

SHEET CONTENTS :
DECK SANITARY AND STORM DRAINAGE LAYOUT
UPPER DECK SANITARY AND STORM DRAINAGE LAYOUT

PROJECT NO.:	
DATE	November 2019
DRAWN BY	F.G.C.
DESIGNED BY	Engr. E. R. Sibucao
CHECKED BY	Engr. E. R. Sibucao

SHEET NO.: PL-12

SCALE 1:100 METERS (20 x 30)
SCALE 1:200 METERS(A3)

1 BASEMENT WATERLINE LAYOUT

Republika ng Pilipinas
Lungsod ng Quezon
CITY ARCHITECT DEPARTMENT
5F CIVIC CENTER - D (BRO. Bngi), QUEZON CITY HALL COMPOUND,
ELLIPTICAL ROAD, DILIMAN, QUEZON CITY

PROVISO:

RECOMMENDING APPROVAL

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HON. MA. JOSEFINA G. BELMONTE
MAYOR Q.C.

PROJECT TITLE:
PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING INCLUDING LAND DEVELOPEMENT

LOCATION: BRGY. BAGBAG, NOVALICHES, Q.C

SHEET CONTENTS:
BASEMENT WATERLINE LAYOUT

PROJECT NO.:

DATE	November 2019
DRAWN BY	F.G.C
DESIGNED BY	Engr. E. R. Sibucao
CHECKED BY	Engr. E. R. Sibucao

SHEET NO.:
PL-13

1 GROUND FLOOR WATERLINE LAYOUT

SCALE 1:100 METERS (20 x 30)
SCALE 1:200 METERS(A3)

Republika ng Pilipinas
Lungsod ng Quezon
CITY ARCHITECT DEPARTMENT
5F CIVIC CENTER - D-BPO, Brgy. Q.C. CITY HALL COMPOUND, ELLIPTICAL ROAD, DILIMAN, QUEZON CITY

PROVISO:

RECOMMENDING APPROVAL

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MAYOR Q.C.

PROJECT TITLE :

PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING INCLUDING LAND DEVELOPEMENT

LOCATION : BRGY. BAGBAG, NOVALICHES, Q.C

SHEET CONTENTS :

GROUND FLOOR WATERLINE LAYOUT

PROJECT NO.:

DATE	November 2019
DRAWN BY	F.G.C.
DESIGNED BY	Engr. E. R. Situacao
CHECKED BY	Engr. E. R. Situacao

SHEET NO.: PL-14

1 SECOND FLOOR WATERLINE LAYOUT

SCALE 1:100 METERS (20 x 30)
SCALE 1:200 METERS(A3)

Republika ng Pilipinas
Lungsod ng Quezon
CITY ARCHITECT DEPARTMENT
5F CIVIC CENTER - D (BRO. ERIG), QUEZON CITY HALL COMPOUND,
ELLIPTICAL ROAD, DILIMAN, QUEZON CITY

PROVISO:

RECOMMENDING APPROVAL

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OIC, CITY ENGINEER

APPROVED BY :

HON. MA. JOSEFINA G. BELMONTE
MAYOR Q.C.

PROJECT TITLE :
PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING INCLUDING LAND DEVELOPEMENT

LOCATION : BRGY. BAGBAG, NOVALICHES, Q.C

SHEET CONTENTS :
SECOND FLOOR WATERLINE LAYOUT

PROJECT NO.

DATE	November 2019
DRAWN BY	F.G.C.
DESIGNED BY	Engr. E. R. Sibucao
CHECKED BY	Engr. E. R. Sibucao

SHEET NO.: PL-15

1 THIRD FLOOR WATERLINE LAYOUT

Republika ng Pilipinas
Lungsod ng Quezon
CITY ARCHITECT DEPARTMENT
SP CIVIC CENTER - 3 (BRO. Bldg, QUEZON CITY HALL COMPOUND),
ELLIPTICAL ROAD, DILIMAN, QUEZON CITY

PROVISO:

RECOMMENDING APPROVAL

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CITY ENGINEER

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HON. MA. JOSEFINA G. BELMONTE
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PROJECT TITLE :
PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING INCLUDING LAND DEVELOPEMENT
LOCATION : BRGY. BAGBAG, NOVALICHES, Q.C

SHEET CONTENTS :
THIRD FLOOR WATERLINE LAYOUT

SCALE 1:100 METERS (20 x 30)
SCALE 1:200 METERS(A3)

PROJECT NO.:	
DATE	November 2019
DRAWN BY	F.G.C.
DESIGNED BY	Engr. E. R. Sibucao
CHECKED BY	Engr. E. R. Sibucao

SHEET NO.: PL-16

1 FOURTH FLOOR SANITARY AND STORM DRAINAGE LAYOUT

Republika ng Pilipinas
Lungsod ng Quezon
CITY ARCHITECT DEPARTMENT
SP CIVIC CENTER - D (BRO. DRG) QUEZON CITY HALL COMPOUND, ELLIPTICAL ROAD, DILIMAN, QUEZON CITY

PROVISO:

RECOMMENDING APPROVAL

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PROJECT TITLE:
PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING INCLUDING LAND DEVELOPEMENT

LOCATION: BRGY. BAGBAG, NOVALICHES, Q.C

SHEET CONTENTS:
FOURTH FLOOR WATERLINE LAYOUT

SCALE 1:100 METERS (20 x 30)
SCALE 1:200 METERS(A3)

PROJECT NO.:	
DATE	November 2019
DRAWN BY	F.G.C.
DESIGNED BY	Engr. E. R. Sibucao
CHECKED BY	Engr. E. R. Sibucao

SHEET NO.: PL-17

1 FIFTH FLOOR WATERLINE LAYOUT (NOT INCLUDED IN THIS PROGRAM)

SCALE 1:100 METERS (24 x 36)
SCALE 1:200 METERS(A3)

Republika ng Pilipinas
Lungsod ng Quezon
CITY ARCHITECT DEPARTMENT
SE CIVIC CENTER - D (BRO.BAG), QUEZON CITY HALL COMPOUND,
ELLIPTICAL ROAD, DILIMAN QUEZON CITY

PROVISO:

RECOMMENDING APPROVAL

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APPROVED BY :

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PROJECT TITLE :

PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING INCLUDING LAND DEVELOPEMENT

LOCATION : BRGY. BAGBAG, NOVALICHES, Q.C

SHEET CONTENTS :

FIFTH FLOOR WATERLINE LAYOUT

PROJECT NO.:

DATE	November 2019
DRAWN BY	F.G.C.
DESIGNED BY	Engr. E. R. Sibucao
CHECKED BY	Engr. E. R. Sibucao

SHEET NO.:

PL-18

1 SIXTH FLOOR WATERLINE LAYOUT (NOT INCLUDED IN THIS PROGRAM)

SCALE 1:100 METERS (20 x 30)
SCALE 1:200 METERS(A3)

Republika ng Pilipinas
Lungsod ng Quezon
CITY ARCHITECT DEPARTMENT
6F CIVIC CENTER - D (BRO. BIG), QUEZON CITY HALL COMPOUND, ELIPTICAL ROAD, DILIMAN QUEZON CITY

PROVISO:

RECOMMENDING APPROVAL

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ENGR. ISAGANI R. VERZOSA, JR
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HON. MA. JOSEFINA G. BELMONTE
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PROJECT TITLE :
PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING INCLUDING LAND DEVELOPEMENT

LOCATION : BRGY. BAGBAG, NOVALICHES, Q.C

SHEET CONTENTS :
SIXTH FLOOR WATERLINE LAYOUT

PROJECT NO.:

DATE	November 2019
DRAWN BY	F.G.C
DESIGNED BY	Engr. E. R. Sibucao
CHECKED BY	Engr. E. R. Sibucao

SHEET NO.:
PL-19

1 SEVENTH FLOOR WATERLINE LAYOUT (NOT INCLUDED IN THIS PROGRAM)

SCALE 1:100 METERS (20 x 30)
SCALE 1:200 METERS(A3)

Republika ng Pilipinas
Lungsod ng Quezon
CITY ARCHITECT DEPARTMENT
5F CIVIC CENTER - D (BRO. Bag), QUEZON CITY HALL COMPOUND,
ELIPTICAL ROAD, DILIMAN, QUEZON CITY

PROVISO:

RECOMMENDING APPROVAL:

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PROJECT TITLE :
PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING INCLUDING LAND DEVELOPEMENT
LOCATION : BRGY. BAGBAG, NOVALICHES, Q.C

SHEET CONTENTS :
SEVENTH FLOOR WATERLINE LAYOUT

PROJECT NO.:

DATE	November 2019
DRAWN BY	F.G.C.
DESIGNED BY	Engr. E. R. Sibucao
CHECKED BY	Engr. E. R. Sibucao

SHEET NO :
PL-20

1 EIGHTH FLOOR WATERLINE LAYOUT (NOT INCLUDED IN THIS PROGRAM)

SCALE 1:100 METERS (20 x 30)
SCALE 1:200 METERS(A3)

Republika ng Pilipinas
Lungsod ng Quezon
CITY ARCHITECT DEPARTMENT
SK CIVIC CENTER - DIBORO, BRGY. DILIMAN, QUEZON CITY HALL COMPOUND, ELLIPTICAL ROAD, DILIMAN, QUEZON CITY

PROVISO:

RECOMMENDING APPROVAL

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ENGR. ISAGANI R. VERZOSA, JR
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APPROVED BY :

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MAYOR

PROJECT TITLE :
PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING INCLUDING LAND DEVELOPEMENT

LOCATION : BRGY. BAGBAG, NOVALICHES, Q.C

SHEET CONTENTS :
EIGHTH FLOOR WATERLINE LAYOUT

PROJECT NO.:

DATE	November 2019
DRAWN BY	F.G.C.
DESIGNED BY	Engr. E. R. Sibucao
CHECKED BY	Engr. E. R. Sibucao

SHEET NO.:
PL-21

1 AUDITORIUM WATERLINE LAYOUT (NOT INCLUDED IN THIS PROGRAM)

SCALE 1:100 METERS (20 x 30)
SCALE 1:200 METERS(A3)

Republika ng Pilipinas
Lungsod ng Quezon
CITY ARCHITECT DEPARTMENT
3F CMC CENTER - D.JRO. Bldg, QUEZON CITY HALL COMPOUND,
ELLIPTICAL ROAD, DILIMAN, QUEZON CITY

PROVISO:

RECOMMENDING APPROVAL

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PROJECT TITLE :

PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING INCLUDING LAND DEVELOPEMENT

LOCATION : BRGY. BAGBAG, NOVALICHES, Q.C

SHEET CONTENTS :

AUDITORIUM / ROOF WATERLINE LAYOUT

PROJECT NO.:

DATE	November 2019
DRAWN BY	F.G.C.
DESIGNED BY	Engr. E. R. Sibucao
CHECKED BY	Engr. E. R. Sibucao

SHEET NO.:

PL-22

1 DECK FLOOR WATERLINE LAYOUT (NOT INCLUDED IN THIS PROGRAM)

SCALE 1:100 METERS (20 x 30)
SCALE 1:200 METERS(A3)

Republika ng Pilipinas
Lungsod ng Quezon
CITY ARCHITECT DEPARTMENT
5F CIVIC CENTER - D (BRO. BAG), QUEZON CITY HALL COMPOUND,
ELIPTICAL ROAD, DILIMAN, QUEZON CITY

PROVISO:

RECOMMENDING APPROVAL

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APPROVED BY :

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PROJECT TITLE :

PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING INCLUDING LAND DEVELOPEMENT

LOCATION : BRGY. BAGBAG, NOVALICHES, Q.C

SHEET CONTENTS :

DECK FLOOR WATERLINE LAYOUT

PROJECT NO.:

DATE	November 2019
DRAWN BY	F.G.C.
DESIGNED BY	Engr. E. R. Sibucao
CHECKED BY	Engr. E. R. Sibucao

SHEET NO.:

PL-23

1 SANITARY AND STORM DRAINAGE ISOMETRIC LAYOUT

NOT TO SCALE

Republika ng Pilipinas
Lungsod ng Quezon
CITY ARCHITECT DEPARTMENT
5F CIVIC CENTER - D (BRO. Bing), QUEZON CITY HALL COMPOUND,
ELIPTICAL ROAD, DILIMAN, QUEZON CITY

PROVISO:

RECOMMENDING APPROVAL

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APPROVED BY:

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PROJECT TITLE:
PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING INCLUDING LAND DEVELOPEMENT

LOCATION : BRGY. BAGBAG, NOVALICHES, Q.C

SHEET CONTENTS:
SANITARY AND STORM DRAINAGE ISOMETRIC LAYOUT

PROJECT NO.:

DATE	November 2019
DRAWN BY	F.G.C.
DESIGNED BY	Engr. E. R. Sibucao
CHECKED BY	Engr. E. R. Sibucao

SHEET NO.: **PL-24**

1 WATERLINE ISOMETRIC LAYOUT

Republika ng Pilipinas
Lungsod ng Quezon
CITY ARCHITECT DEPARTMENT
SF CIVIC CENTER - D.BRC, Brgy. Kalusugan, QUEZON CITY HALL COMPOUND, ELIPTICA ROAD, DILIMAN, QUEZON CITY

PROVISO:

RECOMMENDING APPROVAL

AR. LUCILLE H. CHUA, luap, piep
CITY ARCHITECT

ENGR. ISAGANI R. VERZOSA, JR
OIC, CITY ENGINEER

APPROVED BY:

HON. MA. JOSEFINA G. BELMONTE
MAYOR
Q.C.

PROJECT TITLE:
PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING INCLUDING LAND DEVELOPEMENT
LOCATION: BRGY. BAGBAG, NOVALICHES, Q.C

SHEET CONTENTS:
WATERLINE ISOMETRIC LAYOUT

SCALE 1:100 METERS (20 x 30)
SCALE 1:200 METERS(A3)

PROJECT NO.:

DATE	November 2019
DRAWN BY	F.G.C.
DESIGNED BY	Engr. E. R. Sibucao
CHECKED BY	Engr. E. R. Sibucao

SHEET NO.: PL-25

SCALE 1:100 METERS (20 x 30)
SCALE 1:200 METERS(A3)

1 WATERLINE ISOMETRIC LAYOUT

Republika ng Pilipinas
Lungsod ng Quezon
CITY ARCHITECT DEPARTMENT
5F CIVIC CENTER - D BRO. BldG, QUEZON CITY HALL COMPOUND, ELIPTICAL ROAD, DILIMAN, QUEZON CITY

PROVISO:

RECOMMENDING APPROVAL

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CITY ARCHITECT

ENGR. ISAGANI R. VERZOSA, JR
OIC, CITY ENGINEER

APPROVED BY:

HON. MA. JOSEFINA G. BELMONTE
MAYOR

PROJECT TITLE:
PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING INCLUDING LAND DEVELOPEMENT

LOCATION: BRGY. BAGBAC, NOVALICHES, Q.C

SHEET CONTENTS:
WATERLINE ISOMETRIC LAYOUT

PROJECT NO.:

DATE	November 2019
DRAWN BY	F.G.C.
DESIGNED BY	Engr. E. R. Sibucao
CHECKED BY	Engr. E. R. Sibucao

SHEET NO.: PL-25

1 WATERLINE AND RAINWATER COLLECTOR RISER DIAGRAM

Republika ng Pilipinas
Lungsod ng Quezon
CITY ARCHITECT DEPARTMENT
5F CMC CENTER - D (BRG. Ang. QUEZON CITY HALL COMPOUND
ELLIPTICAL ROAD, DILIMAN, QUEZON CITY)

PROVISO:

RECOMMENDING APPROVAL

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HON. MA. JOSEFINA G. BELMONTE
MAYOR, Q.C.

PROJECT TITLE:
PROPOSED CONSTRUCTION OF EIGHT(8)-STOREY WITH BASEMENT BAGBAG INTEGRATED HIGH SCHOOL BUILDING INCLUDING LAND DEVELOPEMENT

LOCATION: BRGY. BAGBAG, NOVALICHES, Q.C

SHEET CONTENTS:
WATERLINE AND RAINWATER COLLECTOR RISER DIAGRAM

SCALE 1:100 METERS (20 x 30)
SCALE 1:200 METERS(A3)

PROJECT NO.:

DATE	November 2019
DRAWN BY	F.G.C.
DESIGNED BY	Engr. E. R. Sibucao
CHECKED BY	Engr. E. R. Sibucao

SHEET NO.: **PL-26**