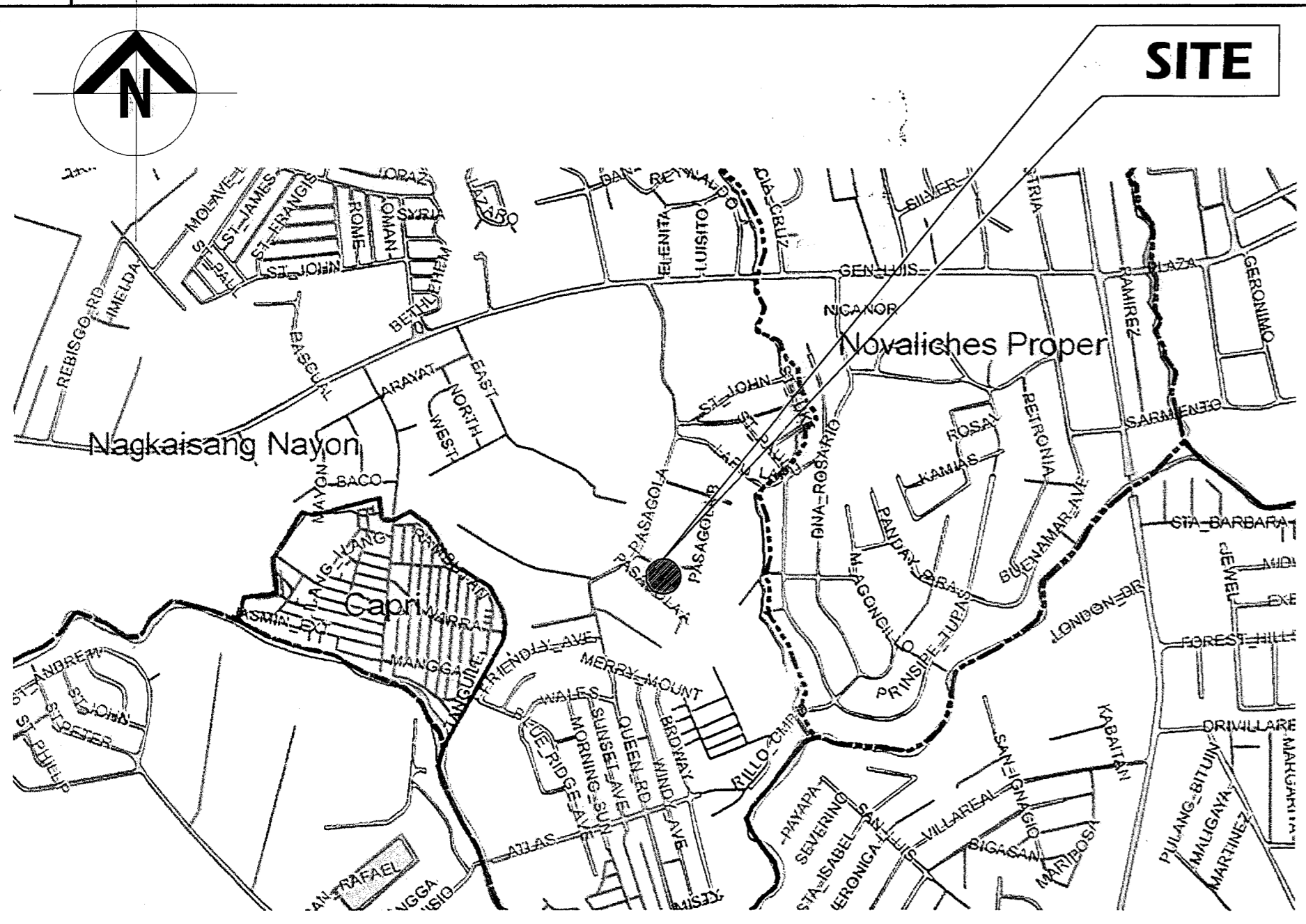




<b>TABLE OF CONTENTS</b>		Republic of the Philippines DEPARTMENT OF PUBLIC WORKS & HIGHWAYS <b>OFFICE OF THE BUILDING OFFICIAL</b> <b>20-00139</b>
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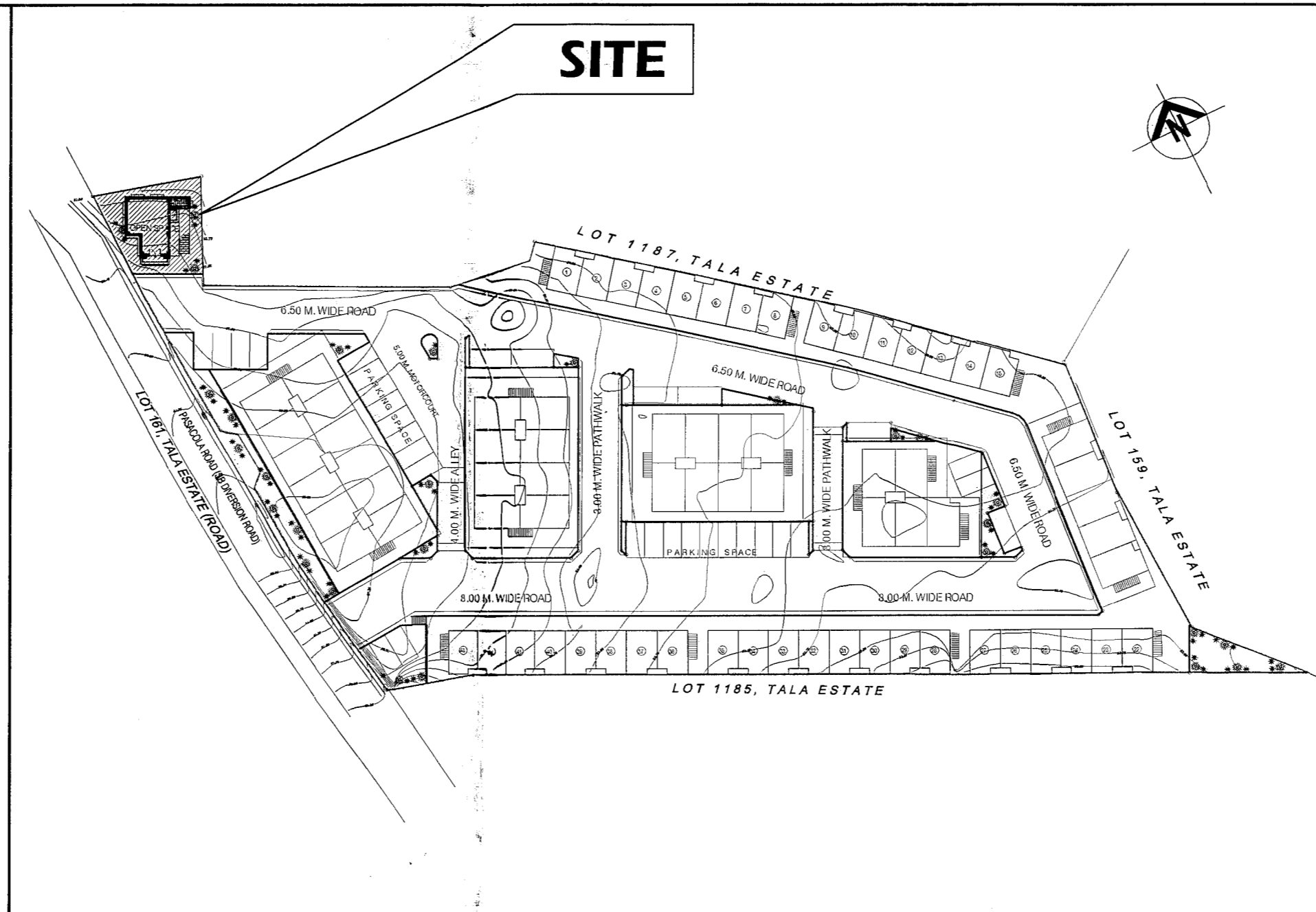
**1 PERSPECTIVE**

NOT TO SCALE



**2 VICINITY MAP**

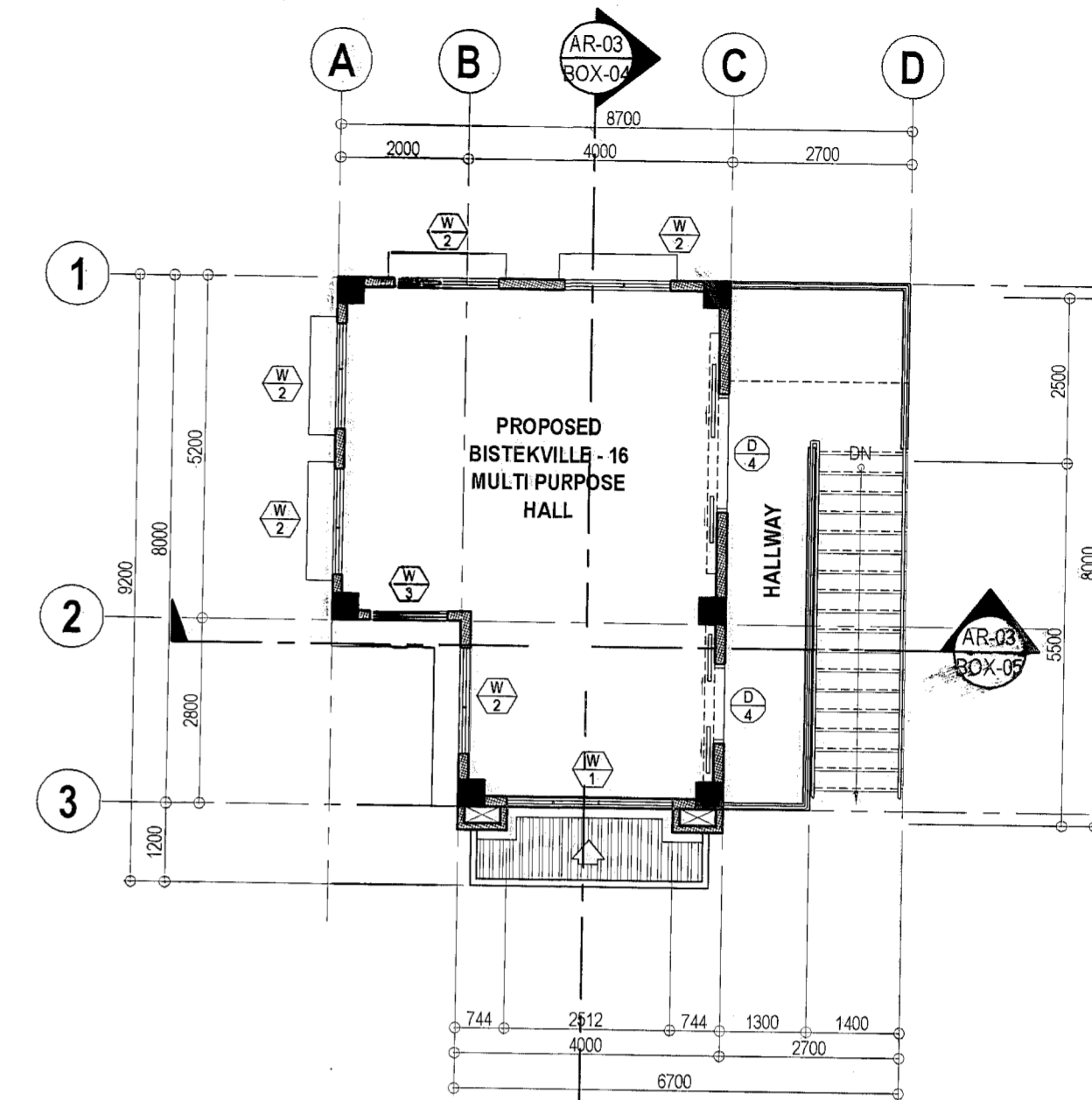
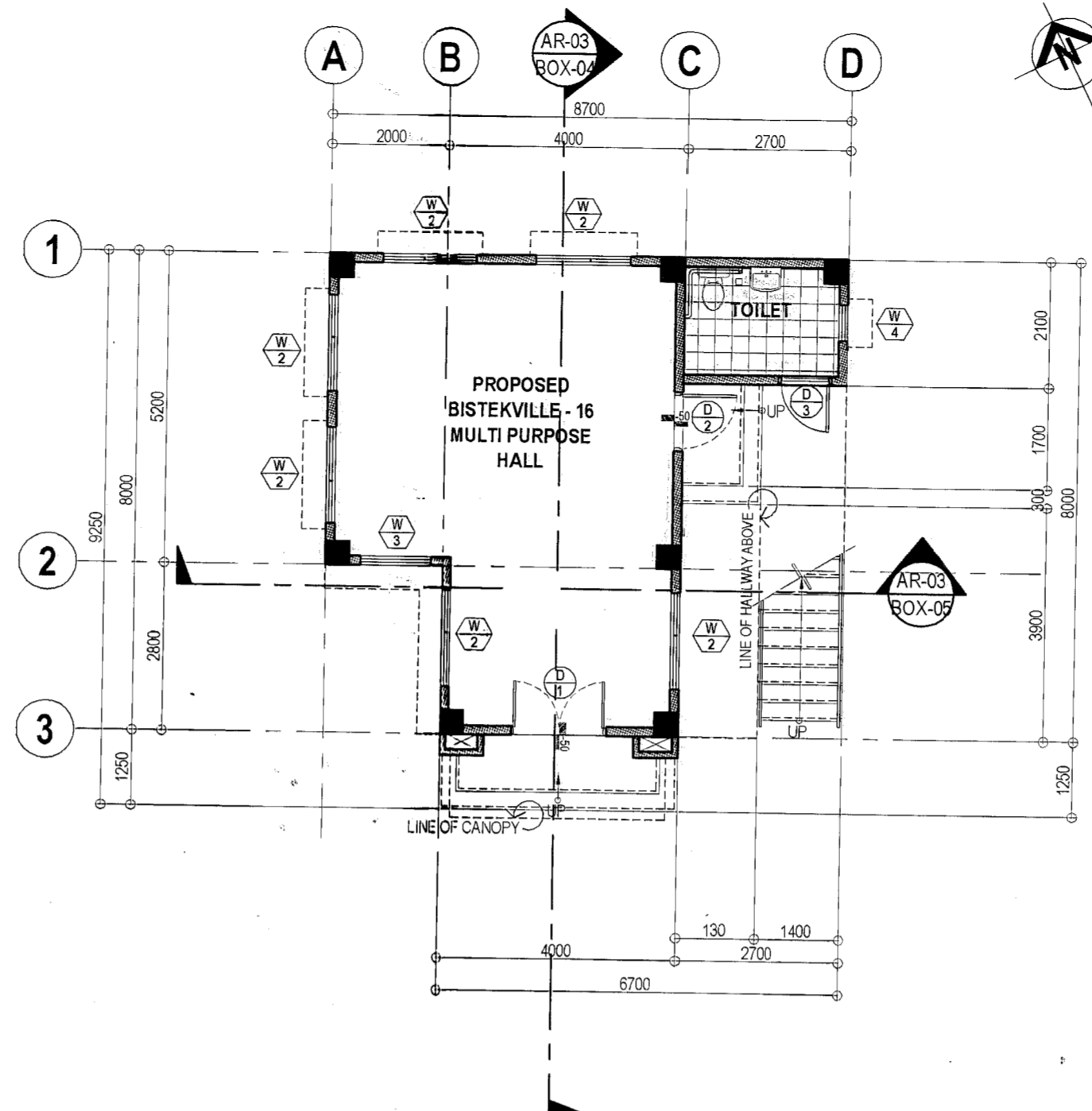
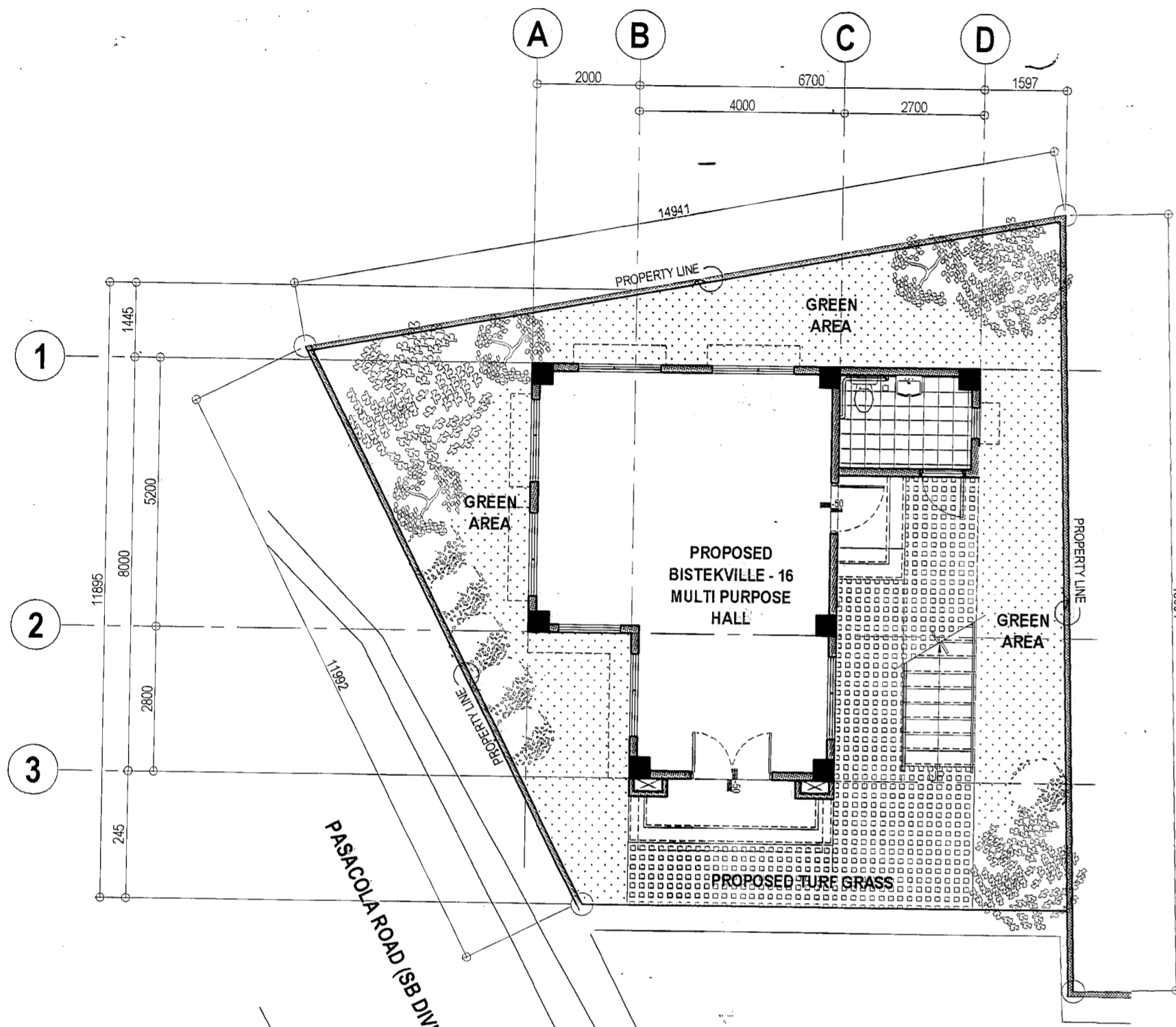
NOT TO SCALE



**3 LOCATION MAP**

NOT TO SCALE

<p>Republika ng Pilipinas Lungsod ng Quezon <b>CITY ARCHITECT DEPARTMENT</b> 61F CIVIC CENTER - D (BRO. Bldg), QUEZON CITY HALL COMPOUND, ELLIPTICAL ROAD, DILIMAN, QUEZON CITY</p>	<p>PROVISO: DRAWINGS AND SPECIFICATIONS ONLY SIGNED, STAMPED OR SEALED AS INSTRUMENTS OF SERVICE ARE THE INTELLECTUAL PROPERTY AND DOCUMENTS OF THE CITY ARCHITECT DEPARTMENT. WHENEVER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE OBLIGATED FOR ANY PERSON, WITHOUT THE CONSENT OF THE AUTHOR OF SAID DOCUMENTS TO PURCHASE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPEITION OF ANY OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTLY OR IN WHOLE.</p>	<p>RECOMMENDING APPROVAL</p> <p><i>[Signature]</i> <b>ARCH. LUCILLE H. CHUA, fuap, piep</b> CITY ARCHITECT</p>	<p>RECOMMENDING APPROVAL</p> <p><i>[Signature]</i> <b>ENGR. ISAGANI R. VERSOZA, JR</b> OIC, CITY ENGINEER</p>	<p>APPROVED BY:</p> <p><i>[Signature]</i> <b>HON. MA. JOSEFINA G. BELMONTE</b> CITY MAYOR</p>	<p>PROJECT TITLE:</p> <p><b>PROPOSED CONSTRUCTION OF MULTI - PURPOSE BUILDING AT BRGY. NAGKAISSANG NAYON</b></p> <p>LOCATION: BGY. NAGKAISSANG NAYON, QUEZON CITY</p>	<p>SHEET CONTENTS:</p> <p>PERSPECTIVE VICINITY MAP LOCATION MAP TABLE OF CONTENTS</p>	<p>PROJECT NO.:</p> <p>DATE: March 2020 DRAWN BY: AR, P.N.B. DESIGNED BY: AR, M.H. BALADJAY CHECKED BY: AR, M.H. BALADJAY</p>	<p>SHEET NO.:</p> <p><b>AR-01</b></p>
	<p>GEODETIC ENGINEER</p>							

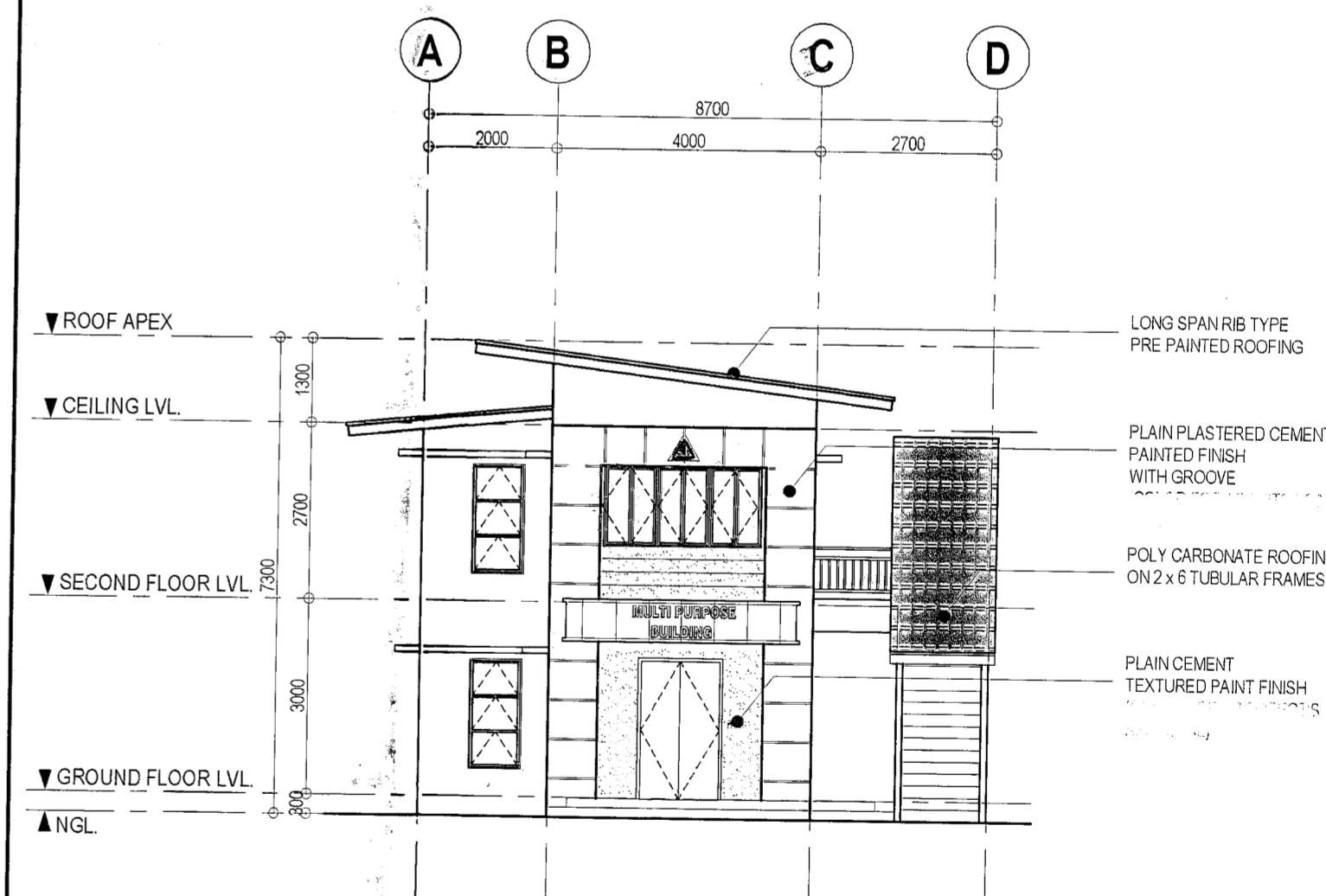
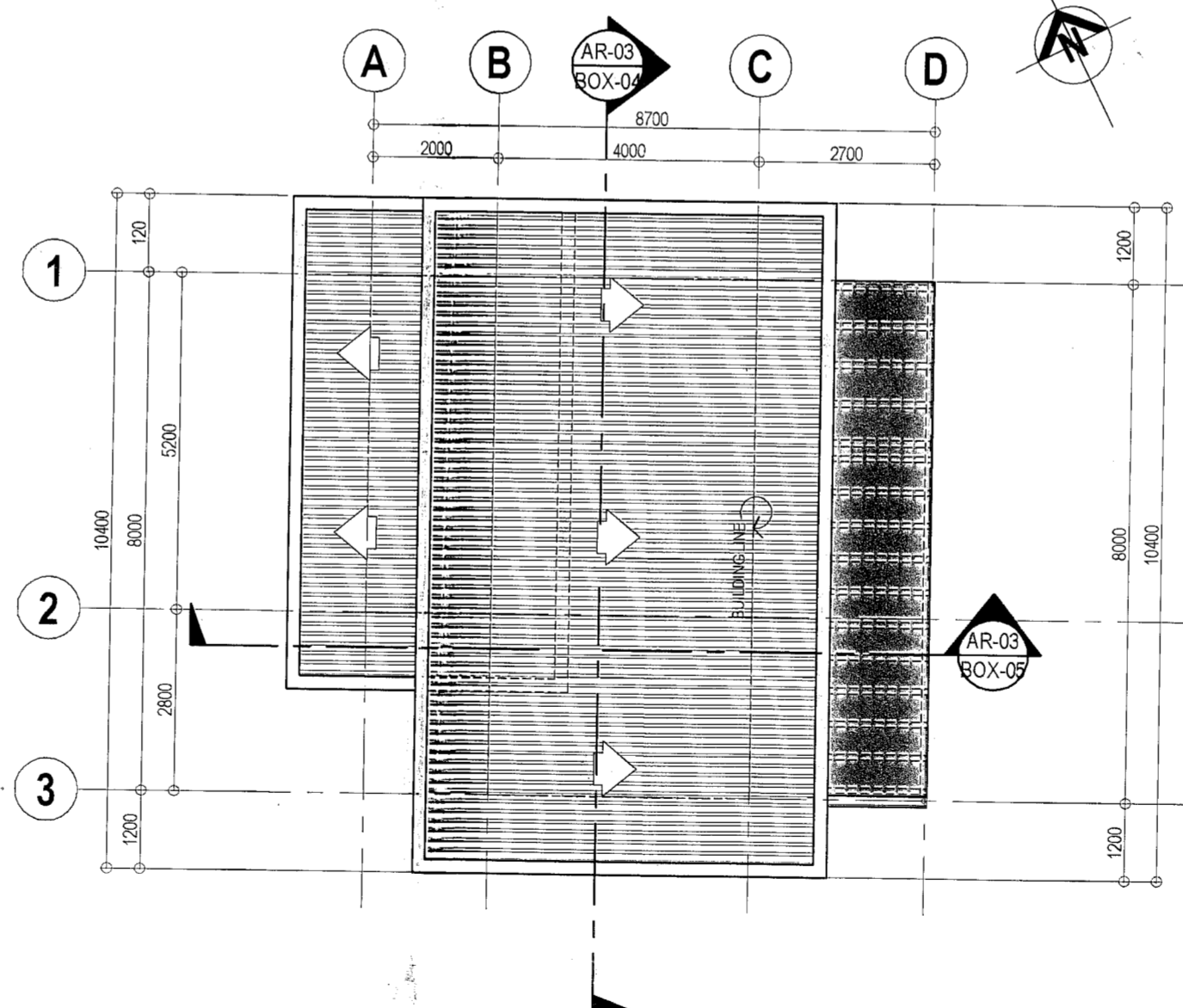


**2 GROUND FLOOR PLAN**

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

**3 SECOND FLOOR PLAN**

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



**4 ROOF PLAN**

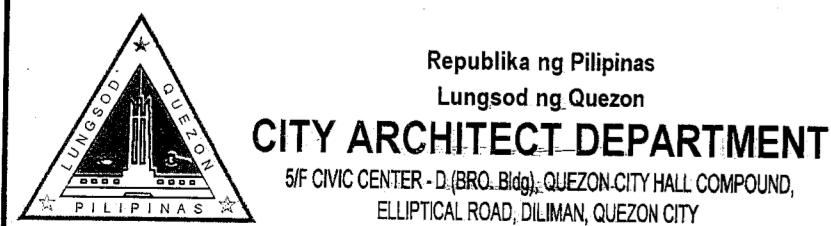
SCALE 1:100 METERS (20 x 30)  
SCALE 1:200 METERS(A3)

**5 FRONT ELEVATION**

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

**1 PLAN ON SITE**

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



**PROVISO:**

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**RECOMMENDING APPROVAL**

*[Signature]*  
**ARCH. LUCILLE H. CHUA, fuap, piep**  
CITY ARCHITECT

*[Signature]*  
**ENGR. ISAGANI R. VERSOZA, JR**  
C.E., CITY ENGINEER

**APPROVED BY:**

*[Signature]*  
**HON. MA. JOSEFINA G. BELMONTE**  
CITY MAYOR

**PROJECT TITLE:**

**PROPOSED CONSTRUCTION OF MULTI - PURPOSE BUILDING AT BRGY. NAGKAISSANG NAYON**

LOCATION : BGY. NAGKAISSANG NAYON, QUEZON CITY

**SHEET CONTENTS:**

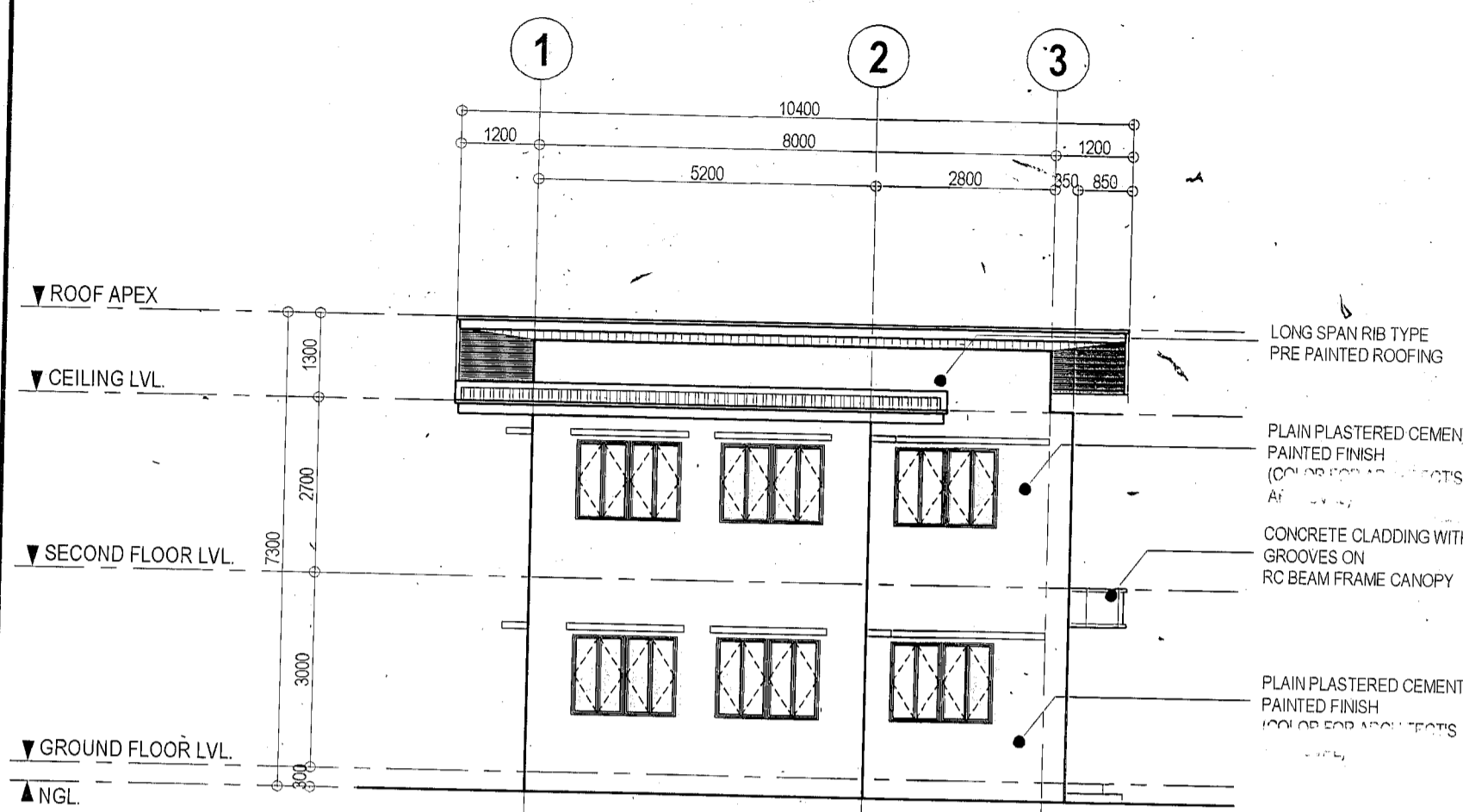
BLOW UP SITE DEVELOPMENT PLAN  
GROUND FLOOR PLAN  
SECOND FLOOR PLAN  
ROOF PLAN  
FRONT ELEVATION

**PROJECT NO.:**

DATE: March 2020  
DRAWN BY: AR. P.N.B.  
DESIGNED BY: AR. M.H. BALADJAY  
CHECKED BY: AR. M.H. BALADJAY

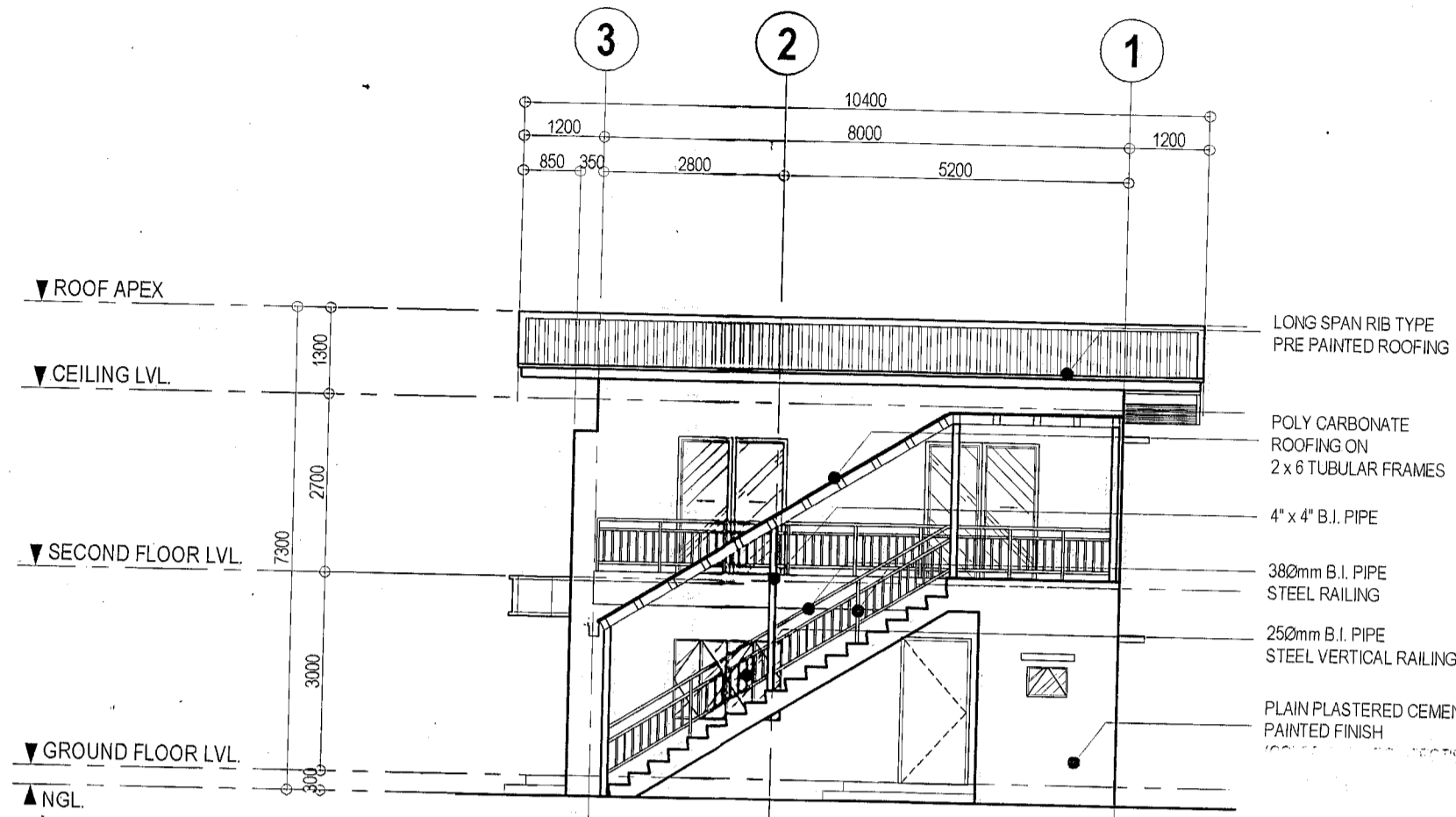
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**AR-02**



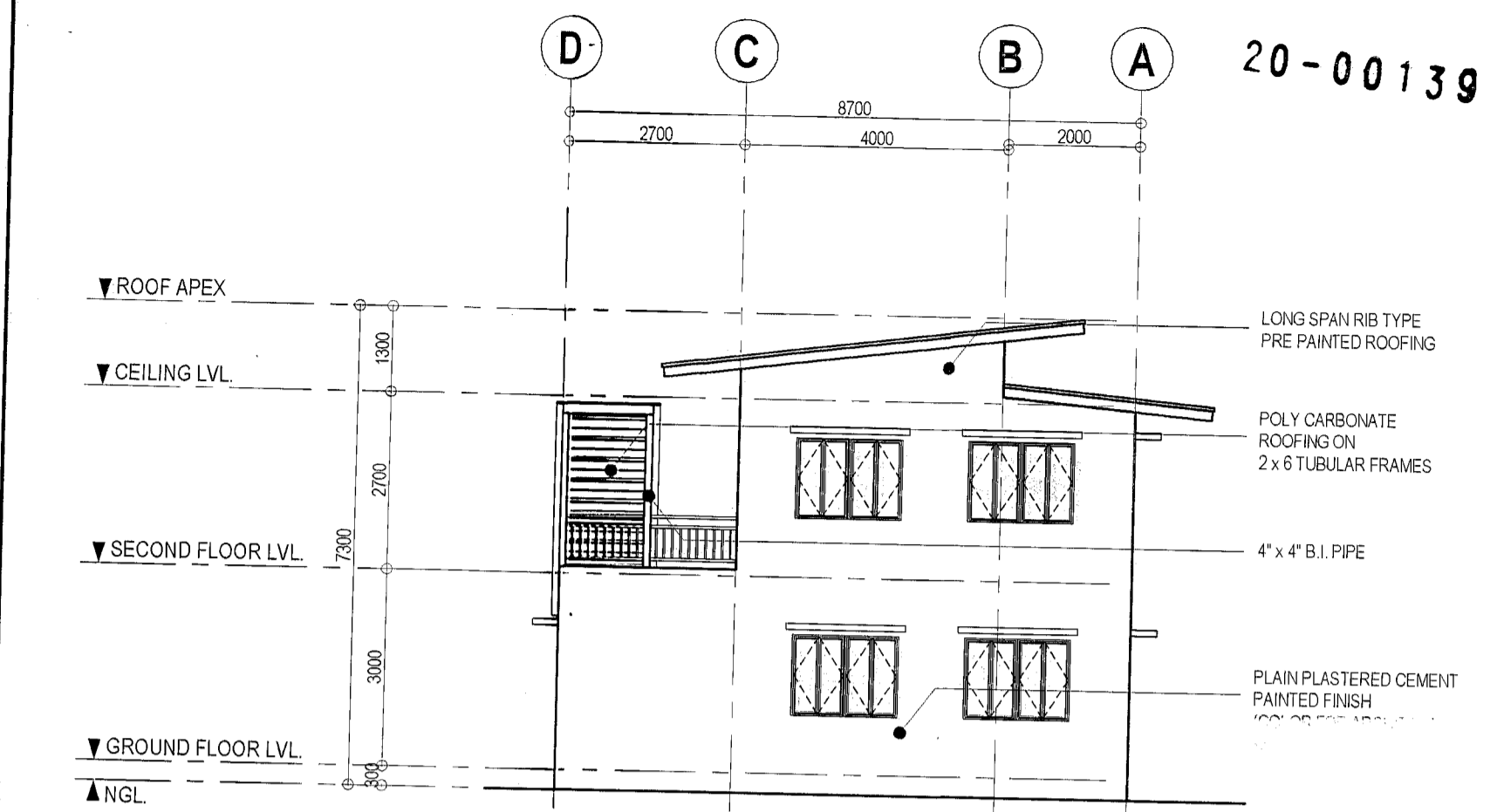
**1 LEFT SIDE ELEVATION**

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



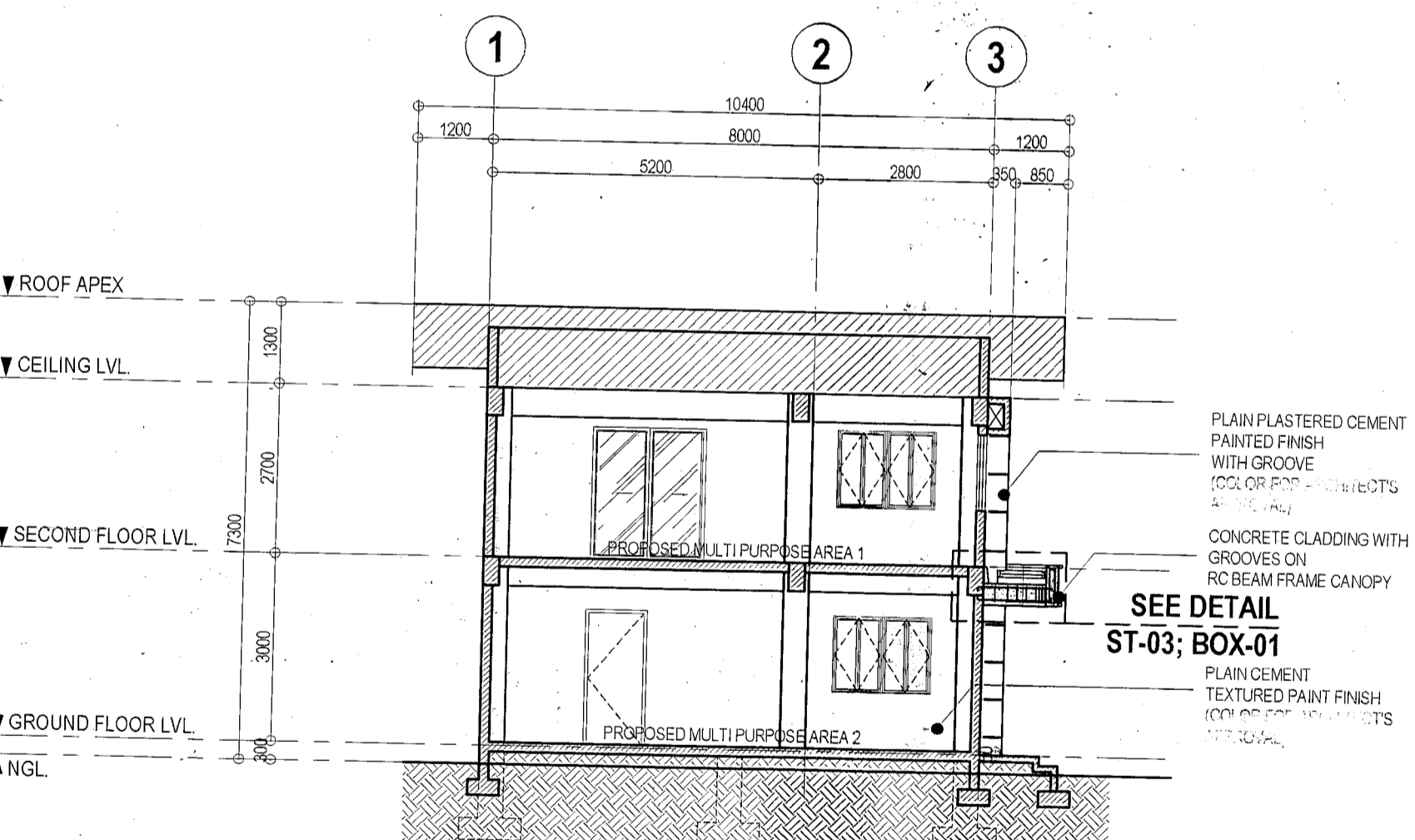
**2 RIGHT SIDE ELEVATION**

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



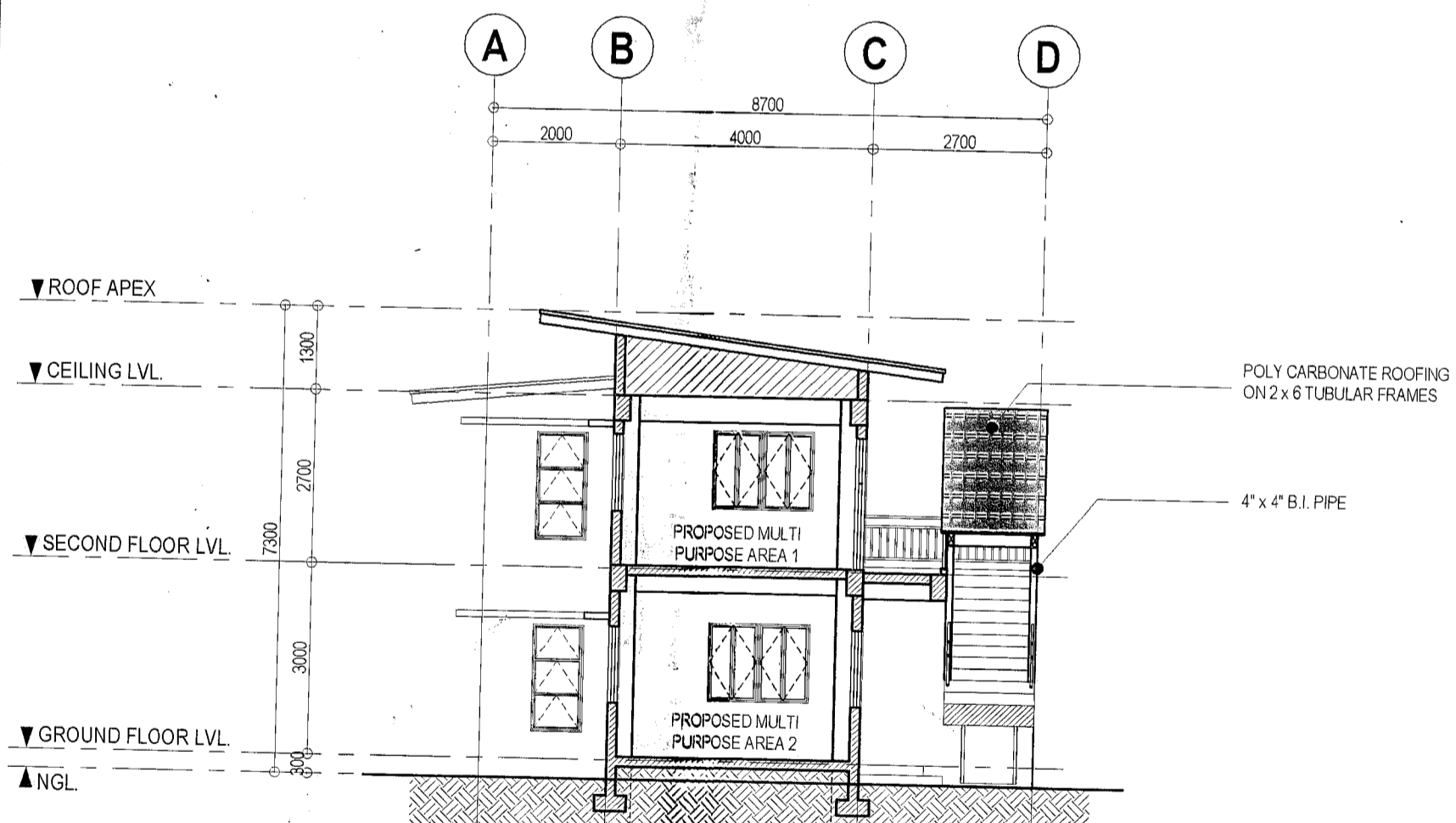
**3 REAR ELEVATION**

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



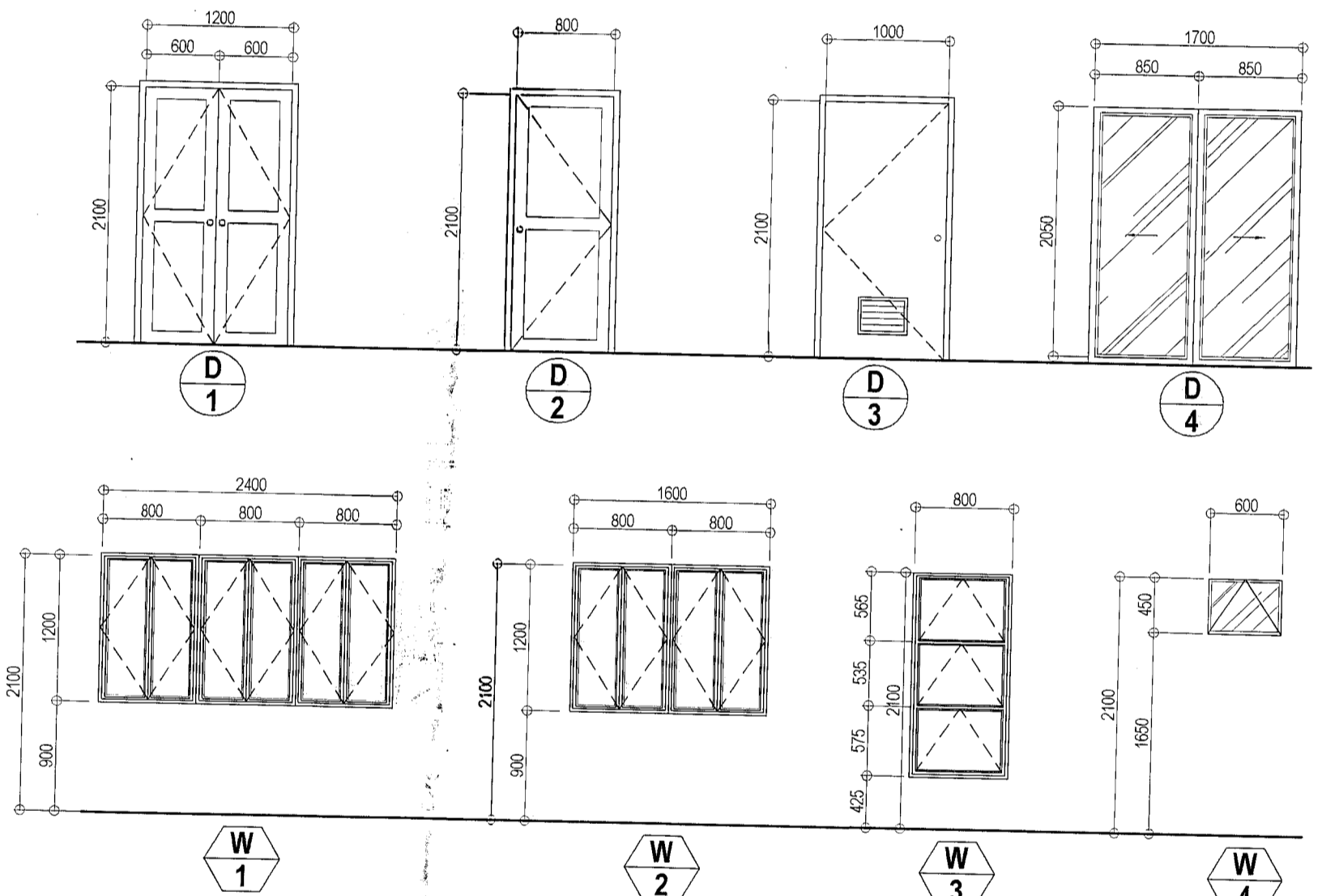
**4 LONGITUDINAL SECTION**

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



**5 CROSS SECTION**

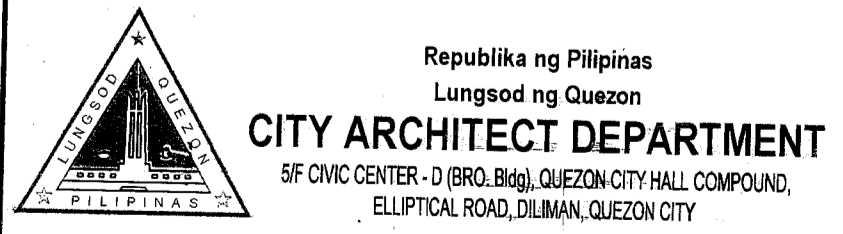
SCALE 1:100 METERS (20 x 30)  
SCALE 1:200 METERS(A3)



MARK	NO. OF UNITS	DESCRIPTION	LOCATION	REMARKS
(D1)	1 SET	SWING TYPE 2 LEAF 10mm THK. CLEAR GLASS DOOR ON POWDER COATED ALUMINUM FRAME W/ COMPLETE ACCESSORIES	MAIN ENTRY	
(D2)	1 SET	SWING TYPE FLUSH HOLLOW CORE DOOR, PAINTED FINISH	MULTI PURPOSE AREA	
(D3)	1 SET	FIBER CEMENT HOLLOW CORE DOOR WITH LOUVERS	TOILET	
(D4)	2 SETS	SLIDING TYPE 2 LEAF 10mm THK. CLEAR GLASS DOOR ON POWDER COATED ALUMINUM FRAME W/ COMPLETE ACCESSORIES	MULTI PURPOSE AREA	
(W1)	1 SET	POWDER COATED ALUMINUM CASEMENT WINDOW 6mm THK. CLEAR GLASS	MULTI PURPOSE AREA	
(W2)	11 SETS	POWDER COATED ALUMINUM CASEMENT WINDOW 6mm THK. CLEAR GLASS	MULTI PURPOSE AREA	
(W3)	2 SETS	POWDER COATED ALUMINUM AWNING TYPE WINDOW 6mm THK. CLEAR GLASS	MULTI PURPOSE AREA	
(W4)	1 SET	POWDER COATED ALUMINUM AWNING TYPE WINDOW 6mm THK. CLEAR GLASS	TOILET	

**6 DOORS & WINDOWS SCHEDULE**

SCALE 1:50 METERS (20 x 30)  
SCALE 1:100 METERS(A3)



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RECOMMENDING APPROVAL  
**ARCH. LUCILLE H. CHUA, fuap, piep**  
CITY ARCHITECT

APPROVED BY:  
**ENGR. ISAGANI R. VERSOZA, JR**  
CITY ENGINEER

APPROVED BY:  
**RON MA. JOSEFINA G. BELMONTE**  
CITY MAYOR

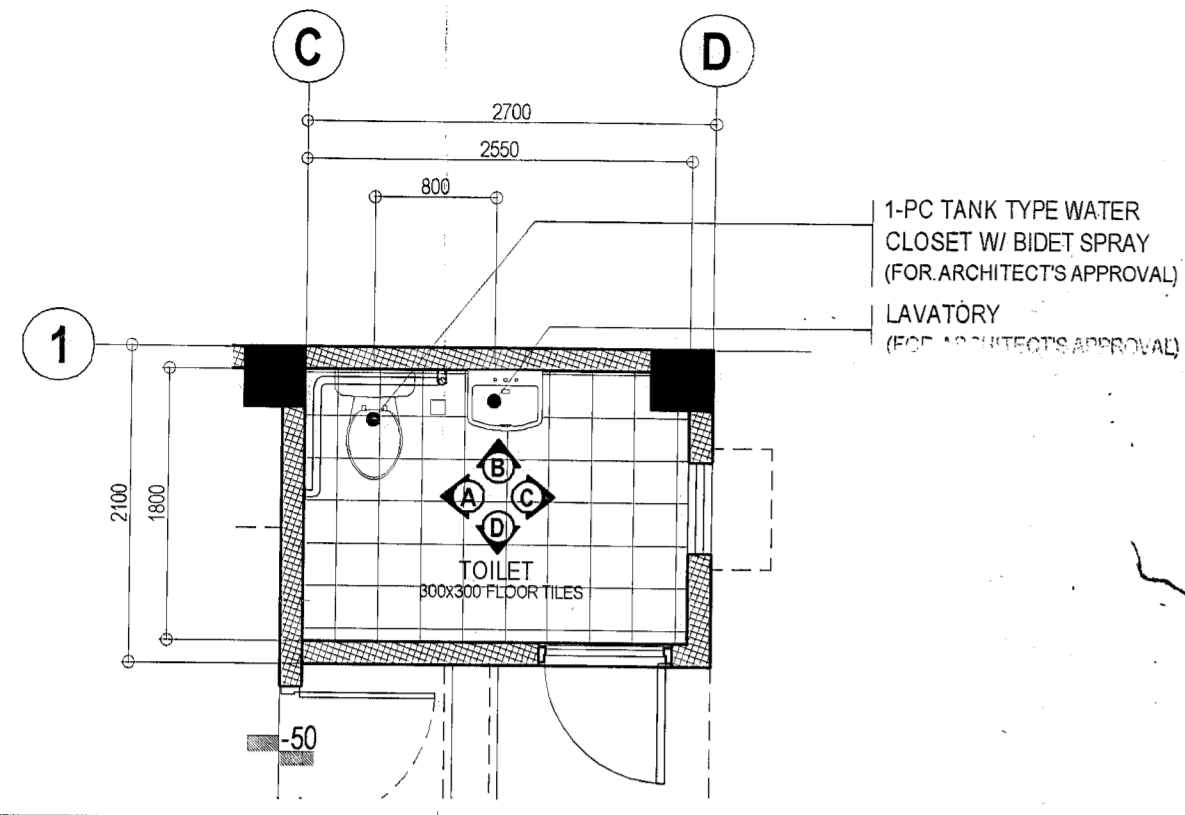
PROJECT TITLE:  
**PROPOSED CONSTRUCTION OF MULTI - PURPOSE BUILDING AT BRGY. NAGKAISANG NAYON**

LOCATION: BGY. NAGKAISANG NAYON, QUEZON CITY

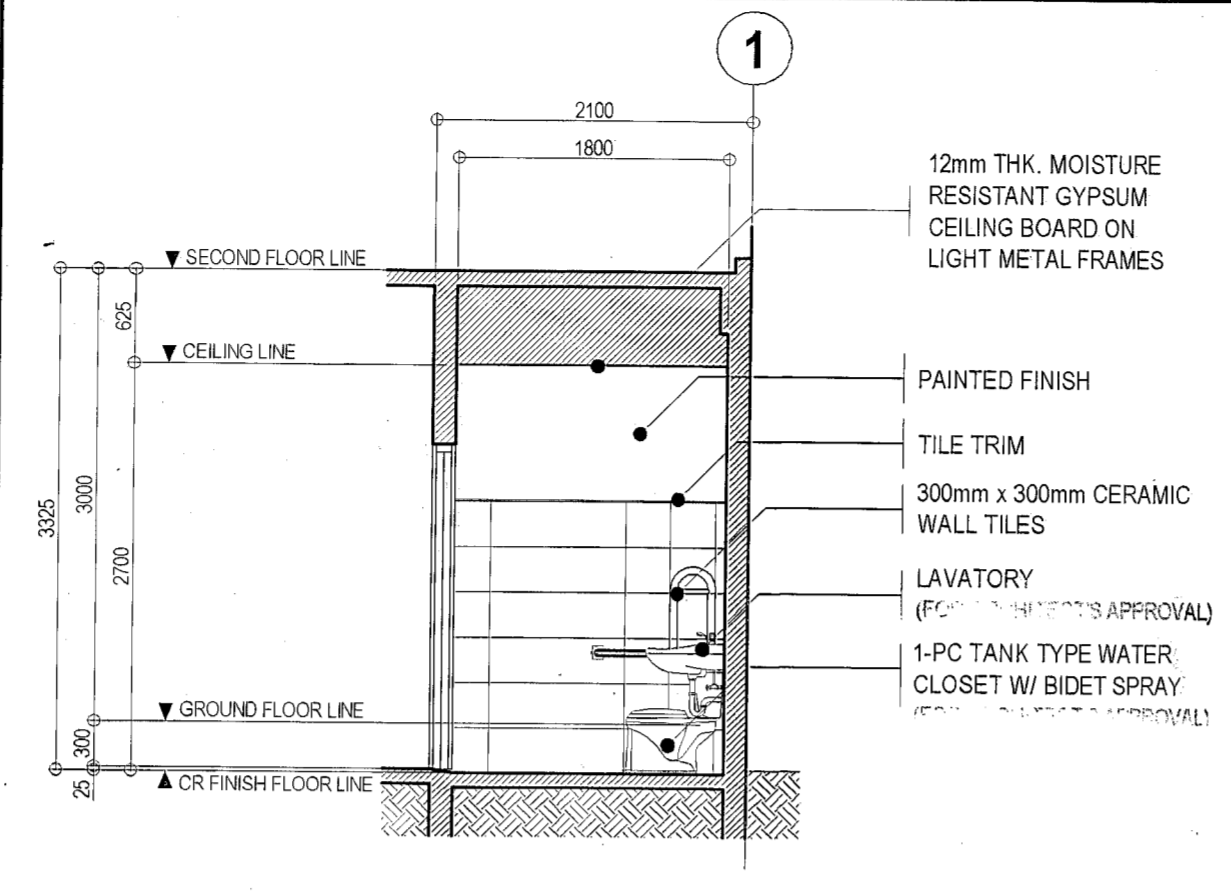
SHEET CONTENTS:  
LEFT SIDE ELEVATION  
RIGHT SIDE ELEVATION  
LONGITUDINAL SECTION  
CROSS SECTION  
REAR ELEVATION  
DOORS & WINDOWS ELEVATION

PROJECT NO.:  
DATE: March 2020  
DRAWN BY: AR. P.N.B.  
DESIGNED BY: AR. M.H. BALADJAY  
CHECKED BY: AR. M.H. BALADJAY

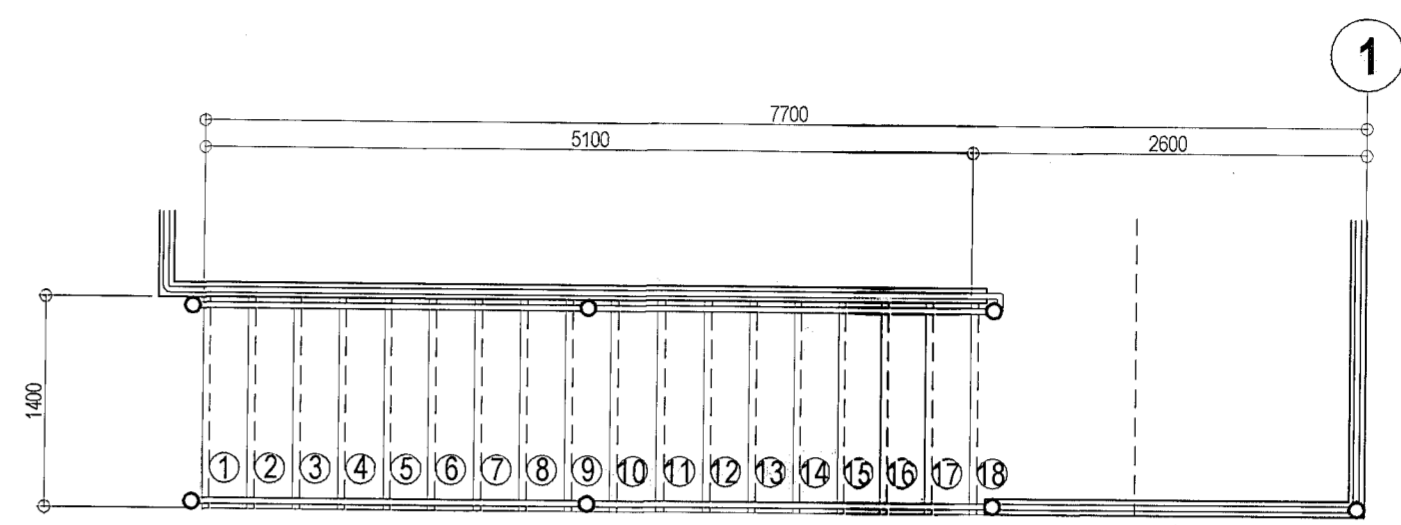
SHEET NO.:  
**AR-03**



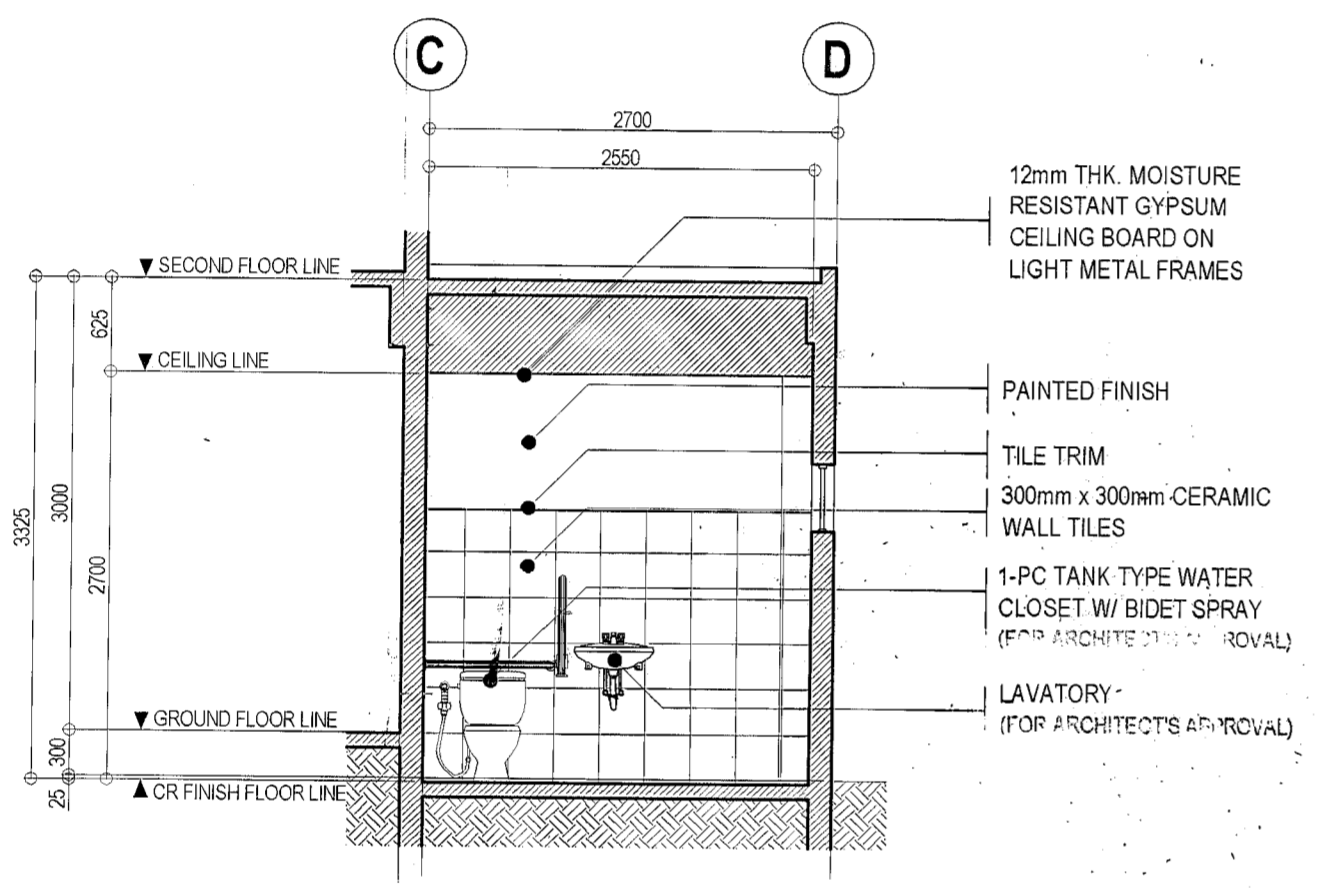
**1 TOILET BLOW UP PLAN** SCALE 1:50 METERS



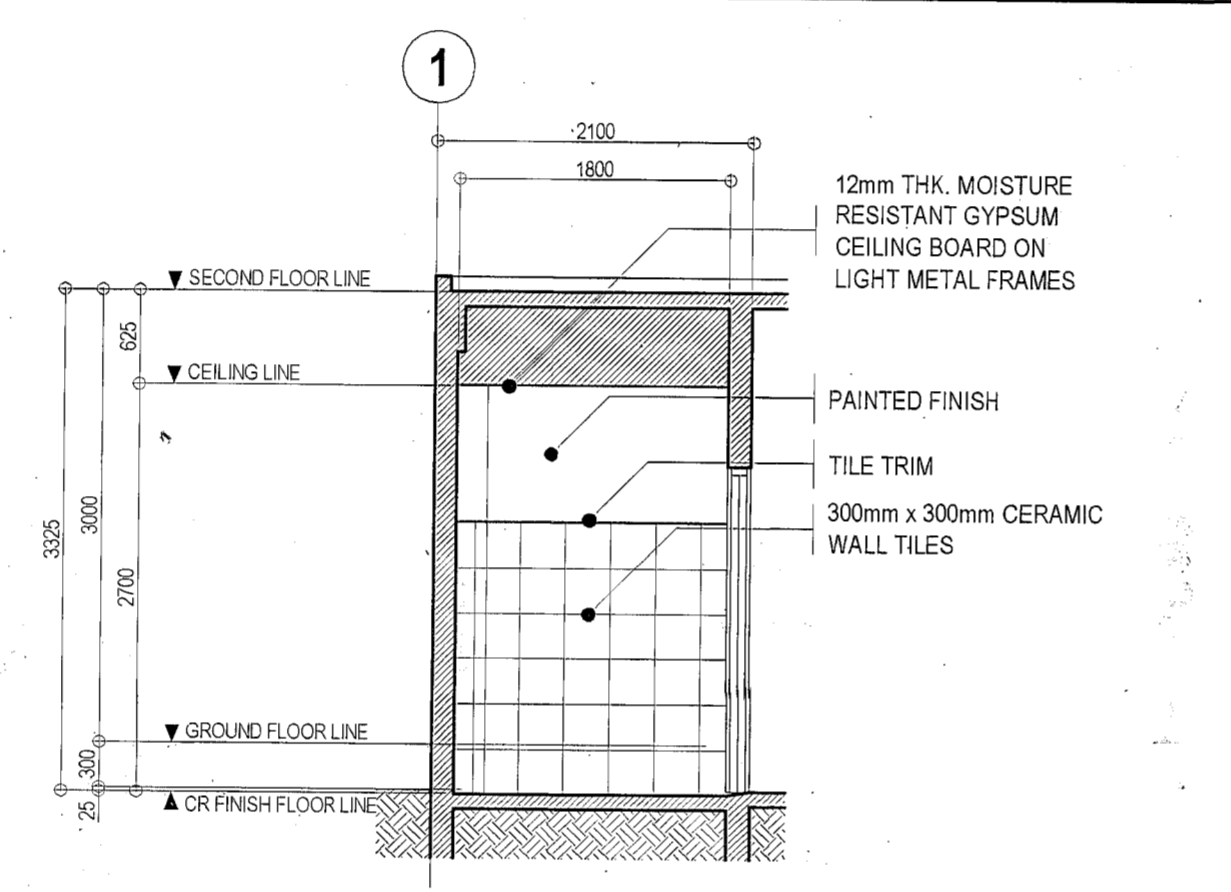
**2 SECTION "A"** SCALE 1:50 METERS



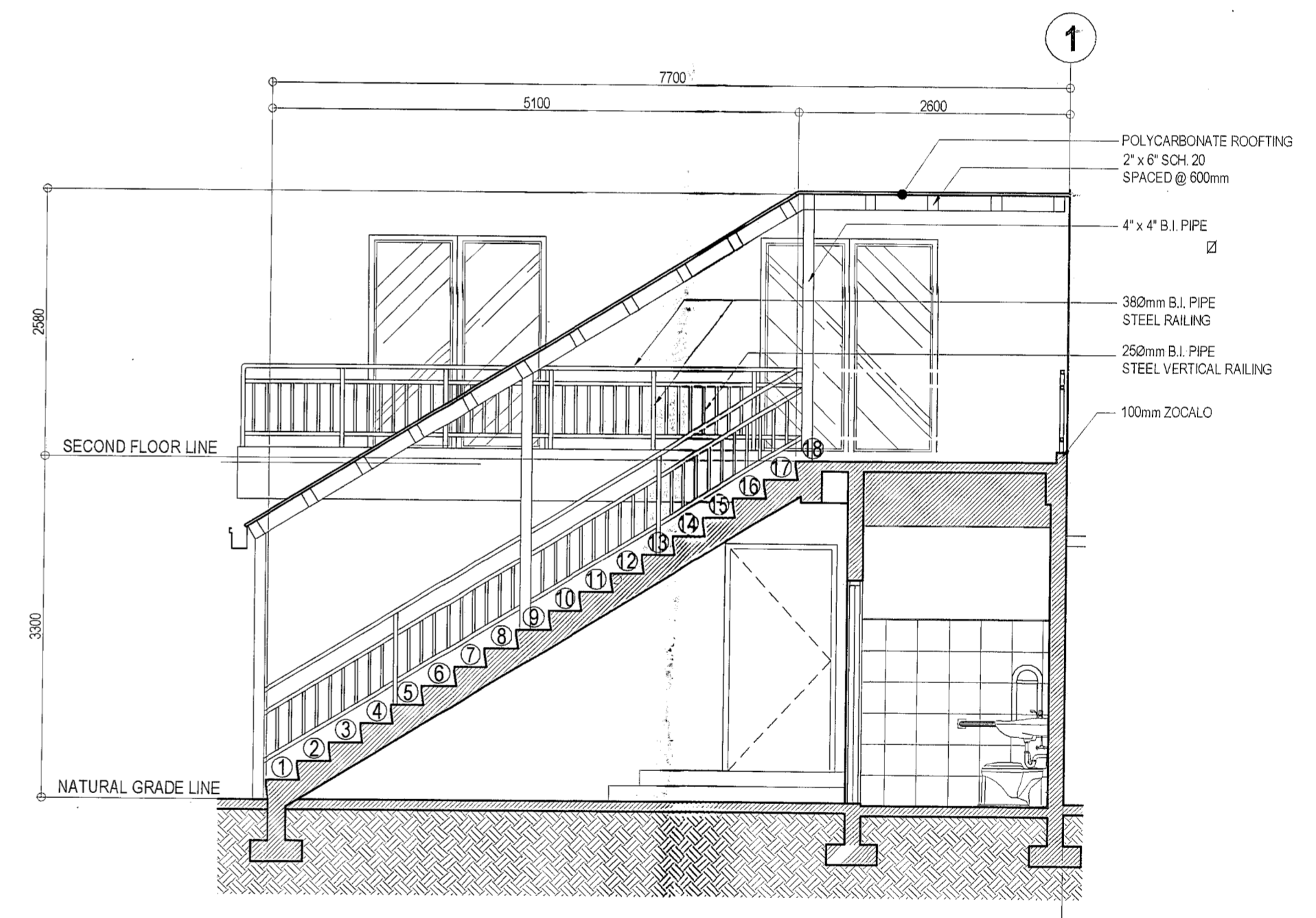
**PLAN**



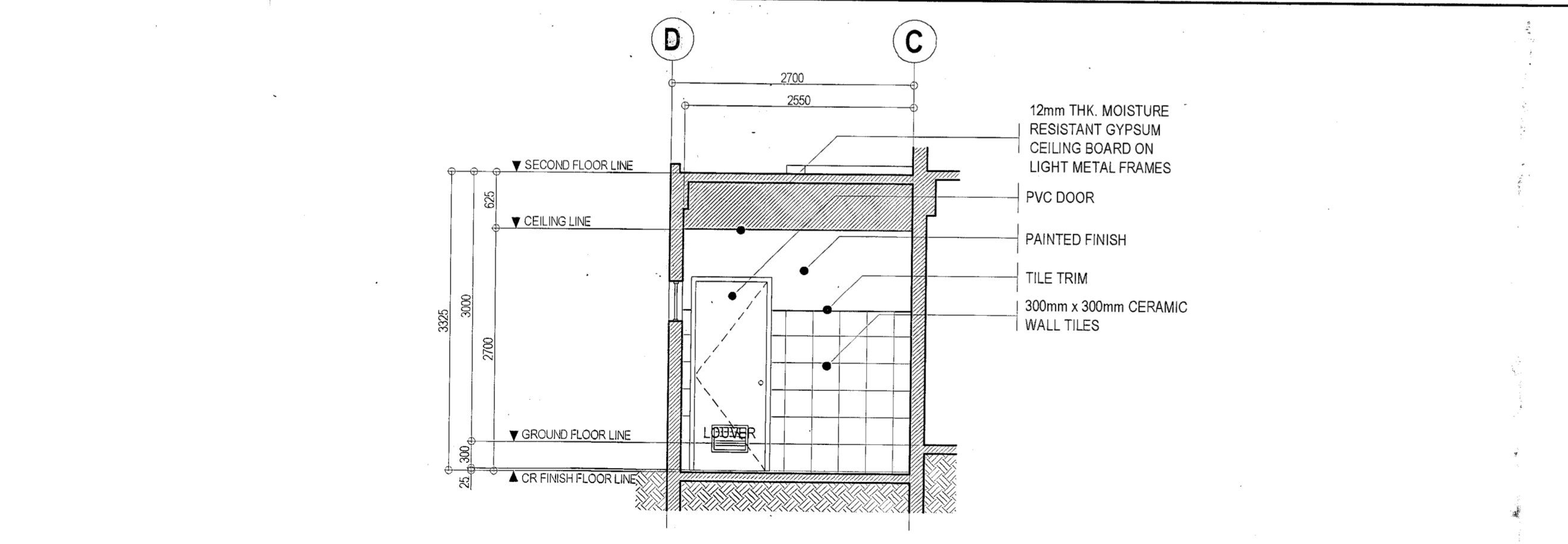
**3 SECTION "B"** SCALE 1:50 METERS



**4 SECTION "C"** SCALE 1:50 METERS



**SECTION**



**5 SECTION "D"** SCALE 1:50 METERS

**6 STAIR DETAIL** SCALE 1:50 METERS

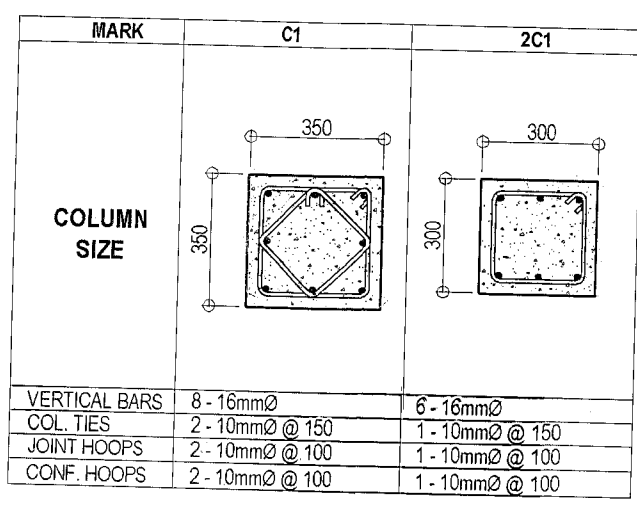
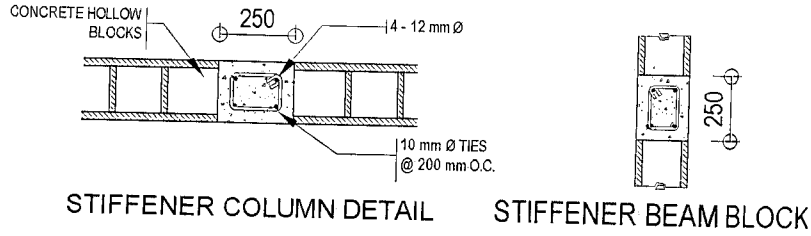
<p>Republike ng Pilipinas Lungsod ng Quezon <b>CITY ARCHITECT DEPARTMENT</b> 5F CIVIC CENTER - D (BRO. Bldg), QUEZON CITY HALL COMPOUND, ELLIPTICAL ROAD, DILIMAN, QUEZON CITY</p>	<p>PROVISO: DRAWINGS AND SPECIFICATIONS DULY SIGNED, STAMPED OR SEALED AS INSTRUMENTS OF SERVICE ARE THE INTELLECTUAL PROPERTIES AND DOCUMENTS OF THE CITY ARCHITECT DEPARTMENT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON WITHOUT THE CONSENT OF THE AUTHOR OF SAID DOCUMENTS TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPAIRING OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTLY OR IN WHOLE.</p>	<p>RECOMMENDING APPROVAL</p> <p>ARCH. LUCILLE H. CHUA, fuap, piep CITY ARCHITECT</p> <p>ENGR. ISAGANI R. VERSOZA, JR. OIC, CITY ENGINEER</p>	<p>APPROVED BY:</p> <p>HON. MA. JOSEFINA G. BELMONTE CITY MAYOR</p>	<p>PROJECT TITLE : <b>PROPOSED CONSTRUCTION OF MULTI - PURPOSE BUILDING AT BRGY. NAGKAISANG NAYON</b></p> <p>LOCATION : BGY. NAGKAISANG NAYON, QUEZON CITY</p>	<p>SHEET CONTENTS : TOILET DETAIL STAIR DETAIL</p>	<p>PROJECT NO.:</p> <p>DATE: March 2020 DRAWN BY: AR. P.N.B. DESIGNED BY: AR. M.H. BALADJAY CHECKED BY: AR. M.H. BALADJAY</p>	<p>SHEET NO.:</p> <p><b>AR-04</b></p>
	<p>Republike ng Pilipinas Lungsod ng Quezon <b>CITY ARCHITECT DEPARTMENT</b> 5F CIVIC CENTER - D (BRO. Bldg), QUEZON CITY HALL COMPOUND, ELLIPTICAL ROAD, DILIMAN, QUEZON CITY</p>						

- GENERAL**
- CONSTRUCTION NOTES AND TYPICAL DETAILS APPLY TO ALL DRAWINGS UNLESS OTHERWISE SHOWN OR NOTED. MODIFY TYPICAL DETAILS AS DIRECTED TO MEET SPECIAL CONDITIONS.
  - SHOP DRAWINGS WITH ERECTION AND PLACING DIAGRAMS OF ALL STRUCTURAL FOR ENGINEER'S APPROVAL BEFORE FABRICATION.
  - CONTRACTOR SHALL VERIFY ALL DIMENSIONS BEFORE ALL WORK IS TO BEGIN. CHECK WITH MECHANICAL AND ELECTRICAL CONTRACTORS FOR CONDUITS, PIPE SLEEVES, ETC. TO BE EMBEDDED IN CONCRETE.
  - IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ADEQUATE SHORINGS AND BRACINGS OF THE STRUCTURE FOR ALL LOADS THAT MAY BE IMPOSED DURING CONSTRUCTION.
  - IN CASE OF QUESTION ARISING FROM THE INTERPRETATION OF OR CONFLICT WITH OTHER DOCUMENTS, THE ATTENTION OF THE OWNER/ENGINEER SHALL BE CALLED IN WRITING.

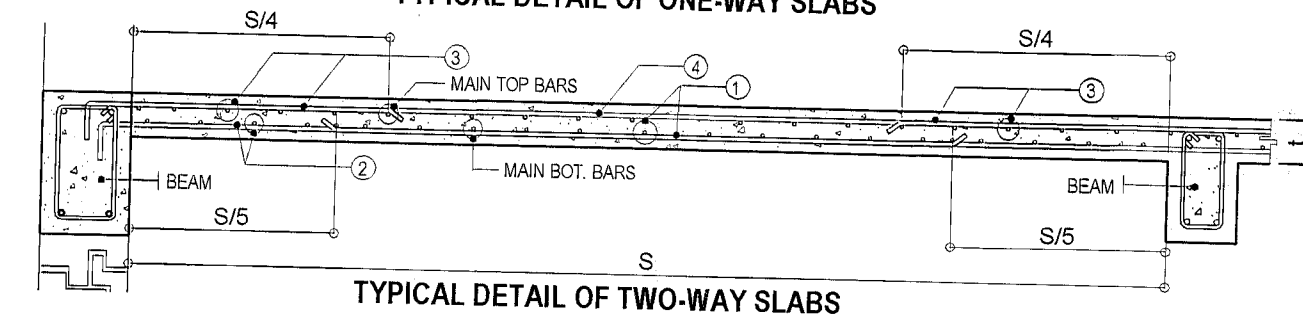
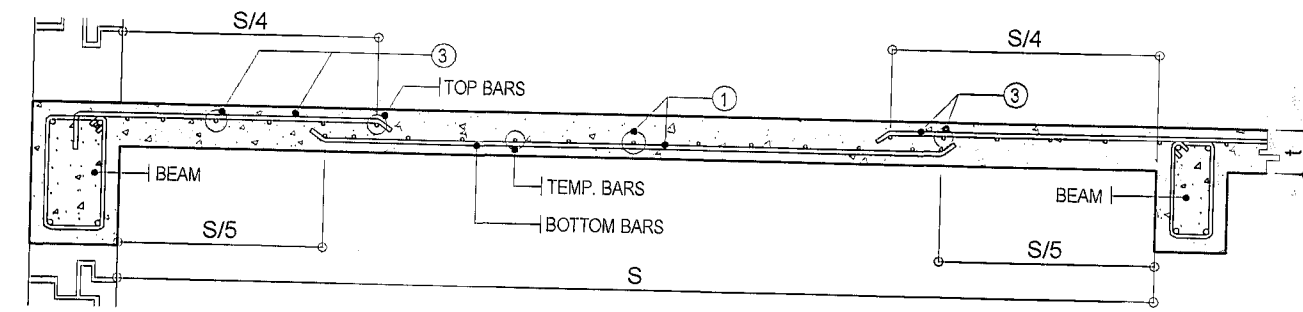
- CONCRETE AND REINFORCEMENT**
- ALL MATERIALS AND WORKMANSHIP SHALL CONFORM WITH THE LATEST BUILDINGS CODE OF AMERICAN CONCRETE INSTITUTE (ACI-318).
  - ALL CONCRETE SHALL DEVELOP A MINIMUM COMPRESSIVE STRENGTH AT THE END OF TWENTY EIGHT (28) DAYS WITH CORRESPONDING MAXIMUM SIZE AGGREGATE AND SLUMPS AS FOLLOWS:
- | LOCATION   | STRENGTH             | MAX. SIZE OF AGGREGATES | MAX. SLUMP    |
|--|----------------------|-------------------------|---------------|
| a. SLAB ON GRADE, CURBS, PAVEMENTS, FOOTINGS, WALL FOOTING | 4000 PSI (27.50 Mpa) | 1 in. (25mm)            | 4 in. (100mm) |
| b. BEAMS, COLUMNS, SUSPENDED SLAB                          | 4000 PSI (27.50 Mpa) | 3/4 in. (19mm)          | 4 in. (100mm) |
| c. LEAN CONCRETE   | 2500 PSI (17.24 Mpa) | 1 in. (25mm)            | 4 in. (100mm) |
- ALL REINFORCING BARS SHALL CONFORM TO PMS-49 GRADE 275 FOR 12mm Ø AND SMALLER BARS AND GRADE 415 FOR 16mm Ø AND LARGER BARS.
  - IN GENERAL, THE LATEST EDITION OF ACI-315, MANUAL OF STANDARD PRACTICE DETAILING REINFORCED CONCRETE STRUCTURES SHALL BE ADHERED TO UNLESS OTHERWISE SHOWN OR NOTED.
  - MAINTAIN MINIMUM CONCRETE COVER FOR REINFORCING STEEL AS FOLLOWS:
- | CONCRETE DEPOSITED DIRECTLY AGAINST GROUND | 75 mm |
|--|-------|
| SUSPENDED SLABS                            | 20 mm |
| SLAB ON GRADE                              | 40 mm |
| WALLS ABOVE GRADE                          | 25 mm |
| BEAMS & COLUMNS                            | 40 mm |
- SPLICES SHALL BE SECURELY WIRED TOGETHER AND SHALL LAP OR EXTEND IN ACCORDANCE WITH TABLE 1 (TABLE OF LAP SPLICE AND ANCHORAGE LENGTH) UNLESS OTHERWISE SHOWN OR DRAWINGS. SPLICES SHALL BE STAGGERED WHENEVER POSSIBLE.
  - ALL ANCHOR BOLTS, DOWELS, AND OTHER INSERTS SHALL BE PROPERLY POSITIONED AND SECURED IN PLACE PRIOR TO PLACING OF CONCRETE.
  - CONTRACTOR SHALL NOTE AND PROVIDE ALL MISCELLANEOUS CURBS, SILLS, STOOLS, EQUIPMENTS, AND MECHANICAL BASES THAT ARE REQUIRED BY THE ARCHITECTURAL, ELECTRICAL, AND MECHANICAL DRAWINGS.
  - ALL CONCRETE SHALL BE KEPT MOIST FOR A MINIMUM OF SEVEN (7) CONSECUTIVE DAYS IMMEDIATELY AFTER POURING BY THE USE OF WET BURLAP, FOG SPRAYING, CURING COMPOUNDS OR OTHER APPROVED METHODS.
  - STRIPPING OF FORMS AND SHORES:
- | CONCRETE  | CURING  |
|---|---------|
| FOUNDATION  | 24 HRS. |
| SUSPENDED SLAB EXCEPT WHEN ADDITIONAL LOADS ARE IMPOSED | 8 DAYS  |
| PEDESTAL, COLUMNS, WALLS                                | 2 DAYS  |
| BEAMS   | 21 DAYS |
- DEVELOPMENT LENGTH FOR ALL BARS SHALL BE A MINIMUM OF 60 BAR DIAMETER, UNLESS OTHERWISE NOTED.

- STRUCTURAL STEEL AND PLATES**
- ALL STRUCTURAL STEEL SHALL CONFORM TO ASTM (A-36) SPECIFICATIONS WITH MINIMUM YIELD STRENGTH,  $f_y=250$  MPa
  - ANCHOR & FASTENER BOLTS, ALL BOLTS SHALL CONFORM TO ASTM (A-307) SPECIFICATIONS.
  - WELDING RODS, ALL WELDING RODS SHALL BE MILD STEEL ELECTRODE, LOW HYDROGEN E7018 WITH MINIMUM YIELD STRENGTH = 420MPa
- FOUNDATION**
- FOUNDATION IS DESIGNED BASED ON NATIONAL BUILDING CODE OF THE PHILIPPINES FOR AN ALLOWABLE SOIL BEARING CAPACITY OF 240 KPa.
  - FOUNDATION SHALL REST ON NATURAL SOIL, UNLESS OTHERWISE NOTED BY THE ENGINEER, NO PART OF THE FOUNDATION SHALL REST ON FILL.
  - THE CONTRACTOR SHALL NOTIFY THE ENGINEER UPON COMPLETION OF FOUNDATION EXCAVATION FOR ACTUAL SOIL CONDITIONS WHICH DO NOT CONFORM TO THE SOIL BEARING CAPACITY FOR PROPER REVISION.

BLOCK THICKNESS (mm)	CHB REINFORCEMENTS		NOTES
	HORIZONTAL	VERTICAL	
100	10mm Ø BARS @ EVERY 3RD LAYER OF CHB	10mm Ø @ 600 mm O.C.	A. MIN. LAP SPLICE = 300mm LONG
150	10mm Ø BARS @ EVERY 3RD LAYER OF CHB	10mm Ø @ 600 mm O.C.	B. PROVIDE RIGHT ANGLE REINFORCEMENT @ CORNERS

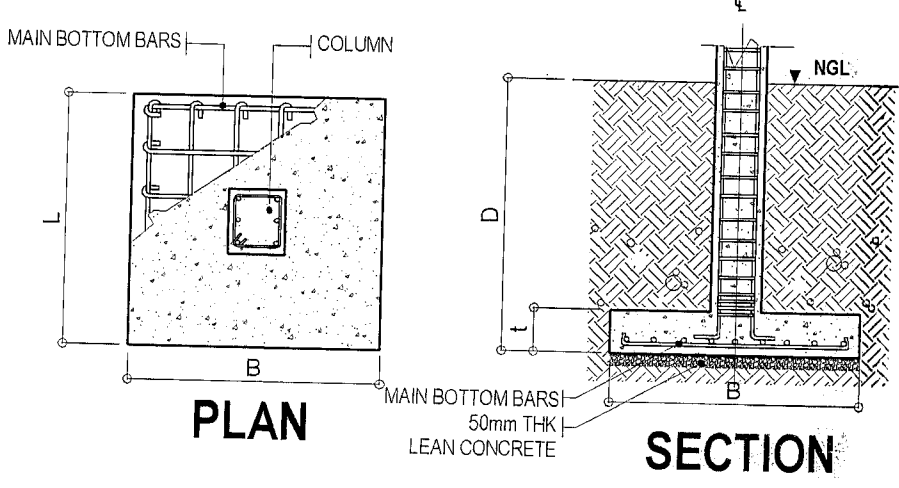


**2 SCHEDULE OF COLUMNS**



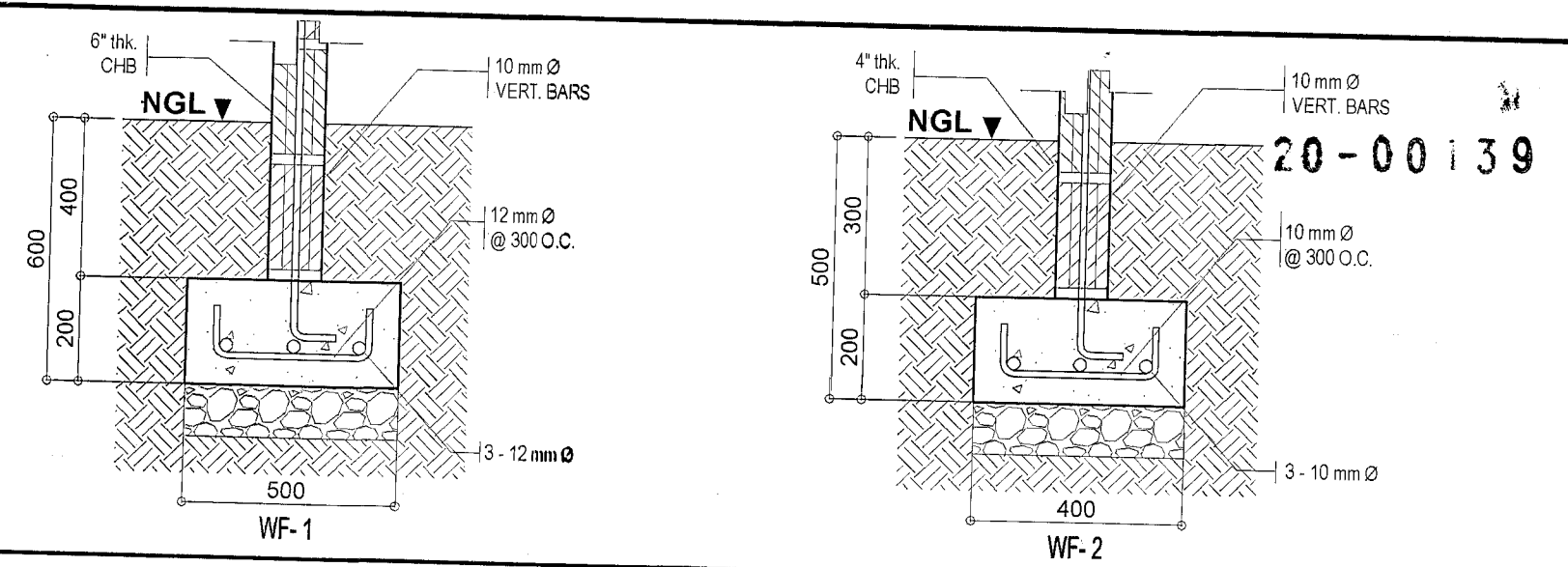
MARK	t	REINFORCEMENT	SHORT SPAN				LONG SPAN				REMARK			
			TOP BARS		BOT. BARS		TOP BARS		BOT. BARS					
			MAIN BARS	TEMP.	4	3	1	2	4	3		1	2	
S-1	125	12 10	300	150	150	300	300	150	150	300	150	150	300	TWO-WAY SLAB
S-2	125	12 10	300	150	150	-	-	150	150	-	-	-	-	ONE-WAY SLAB

**4 DETAIL OF SLAB**



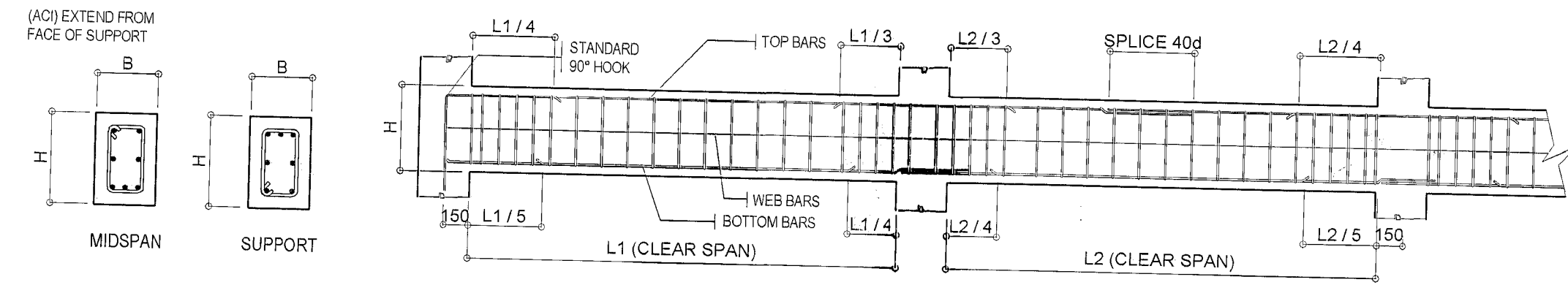
MARK	DIMENSION (mm)			BOTTOM BARS		D.	REMARKS
	B	L	t	ALONG B	ALONG L		
F1	1200	1200	350	8-16mm Ø	8-16mm Ø	2000	SQUARE FOOTING

**5 COLUMN FOOTING DETAIL**



**3 WALL FOOTING DETAIL**

FLR.	BEAM MARK	DIMENSION (mm)		BAR Ø	TOP BARS			BOTTOM BARS			WEB BARS	STIRRUPS
		B	H		LEFT SUPPORT	MID SPAN	RIGHT SUPPORT	LEFT SUPPORT	MID SPAN	RIGHT SUPPORT		
2ND FLR.	2B-1	250	450	16	5	3	5	3	5	3	2 - 10	1 @ 50, 4 @ 100, REST @ 200
	2B-2	200	400	16	4	2	4	2	4	2	2 - 10	1 @ 50, 4 @ 100, REST @ 200
	RB1	200	400	16	3	2	3	2	3	2	-	4 @ 100, REST @ 150
	RB2	200	350	16	3	2	3	2	3	2	-	4 @ 100, REST @ 150



**6 SCHEDULE OF BEAMS**

**1 GENERAL NOTES**

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:

DRAWINGS AND SPECIFICATIONS DULY SIGNED, STAMPED OR SEALED AS INSTRUMENTS OF SERVICE ARE THE INTELLECTUAL PROPERTIES & DOCUMENTS OF THE CITY ARCHITECT DEPARTMENT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS SELECTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON, WITHOUT THE CONSENT OF THE AUTHOR OF SAID DOCUMENTS TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REVISION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTLY OR IN WHOLE.

RECOMMENDING APPROVAL

APPROVED BY:

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

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

HON. MA. JOSEFINA S. BELMONTE  
CITY MAYOR

PROJECT TITLE: **PROPOSED CONSTRUCTION OF MULTI - PURPOSE BUILDING AT BRGY. NAGKAISANG NAYON**

PROJECT NO.:

SHEET NO.:

DATE: March 2020

DRAWN BY: AR. P.N.B.

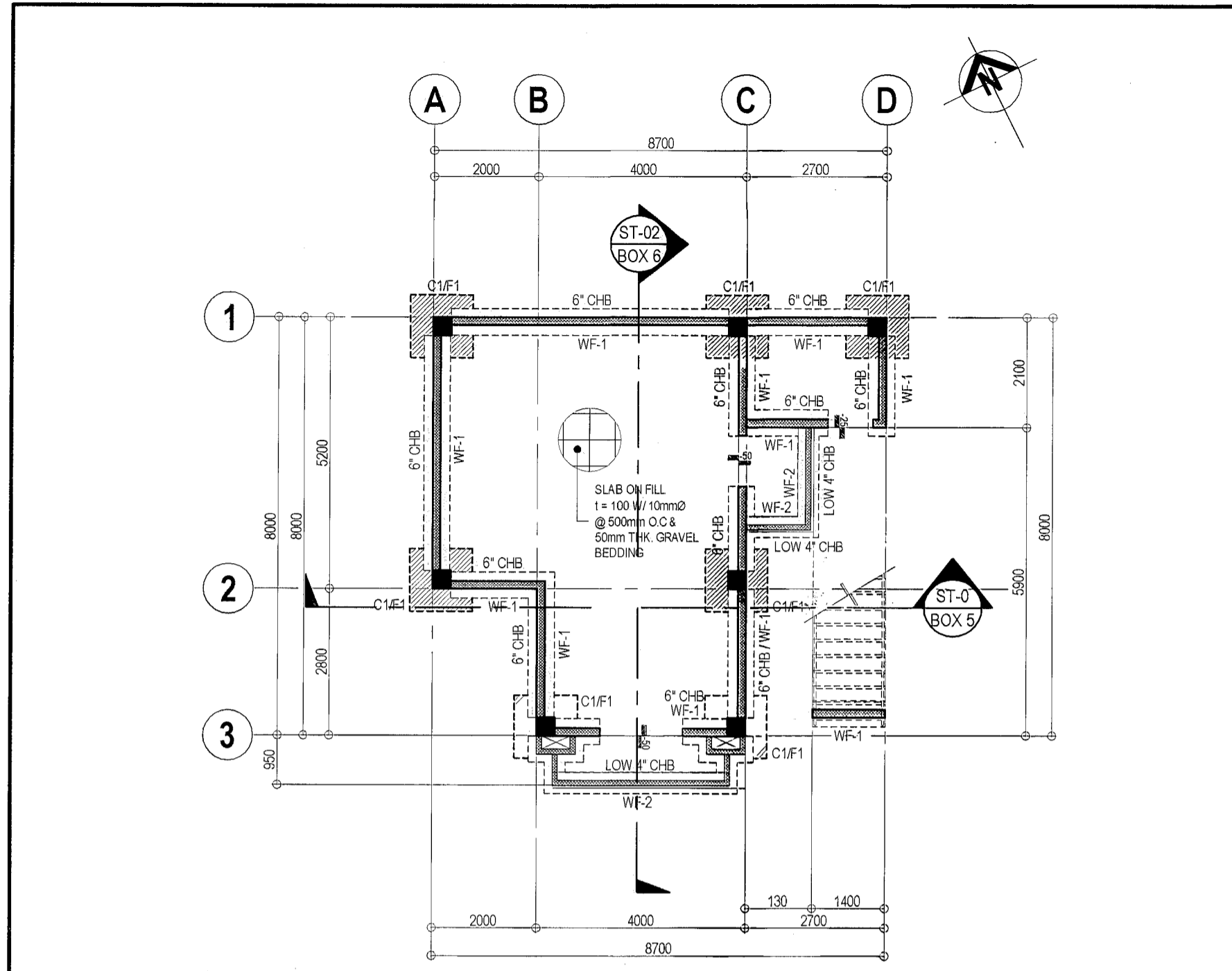
DESIGNED BY: ENGR. M.E. MACAS

CHECKED BY: AR. M.H. BALADJAY

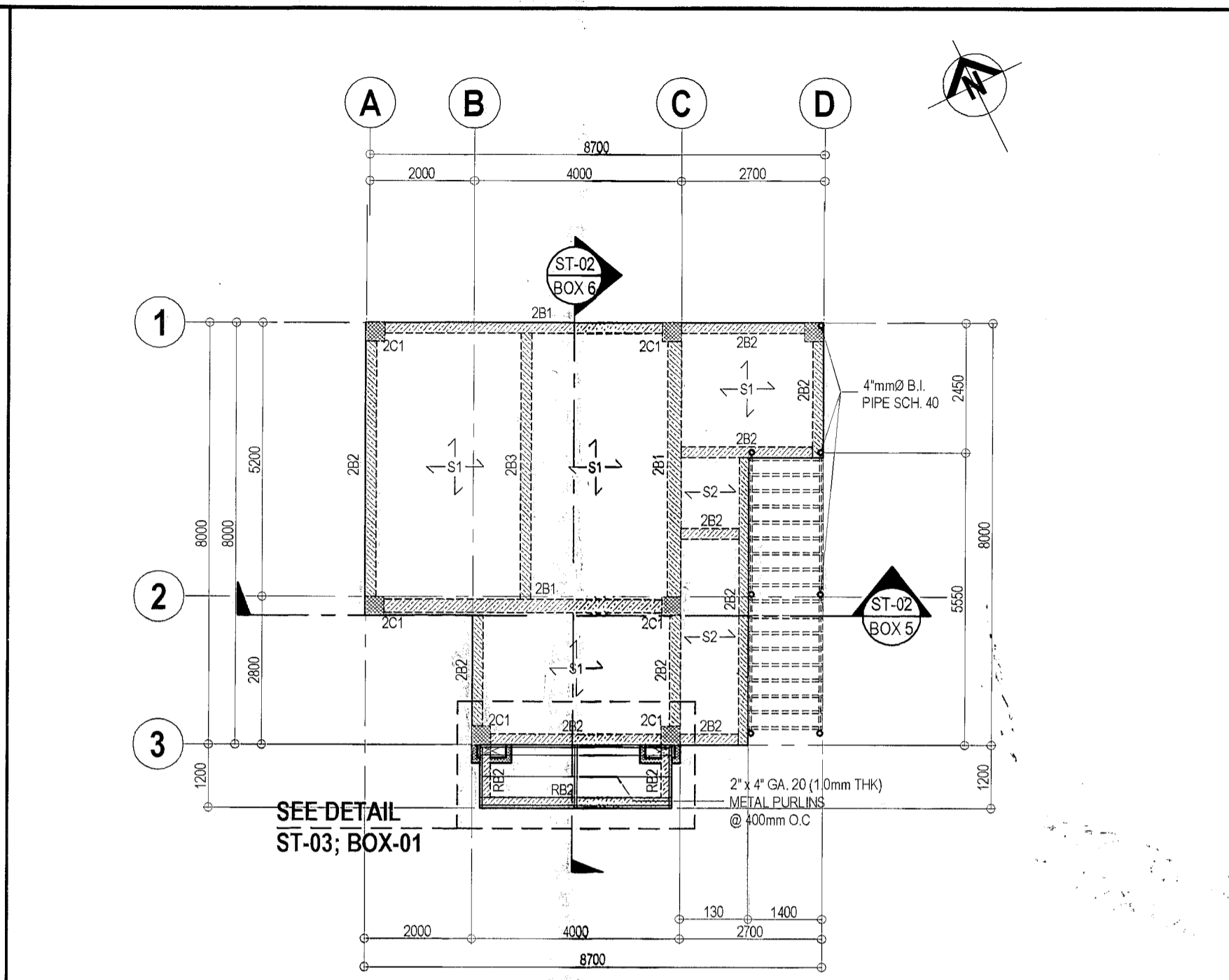
SHEET CONTENTS: GENERAL NOTES, SCHEDULE OF COLUMNS, WALL FOOTING DETAIL, DETAILS OF SLAB, COLUMN FOOTING DETAIL, SCHEDULE OF BEAMS, ENTRANCE STAIR DETAIL.

SCALE 1:20 METERS

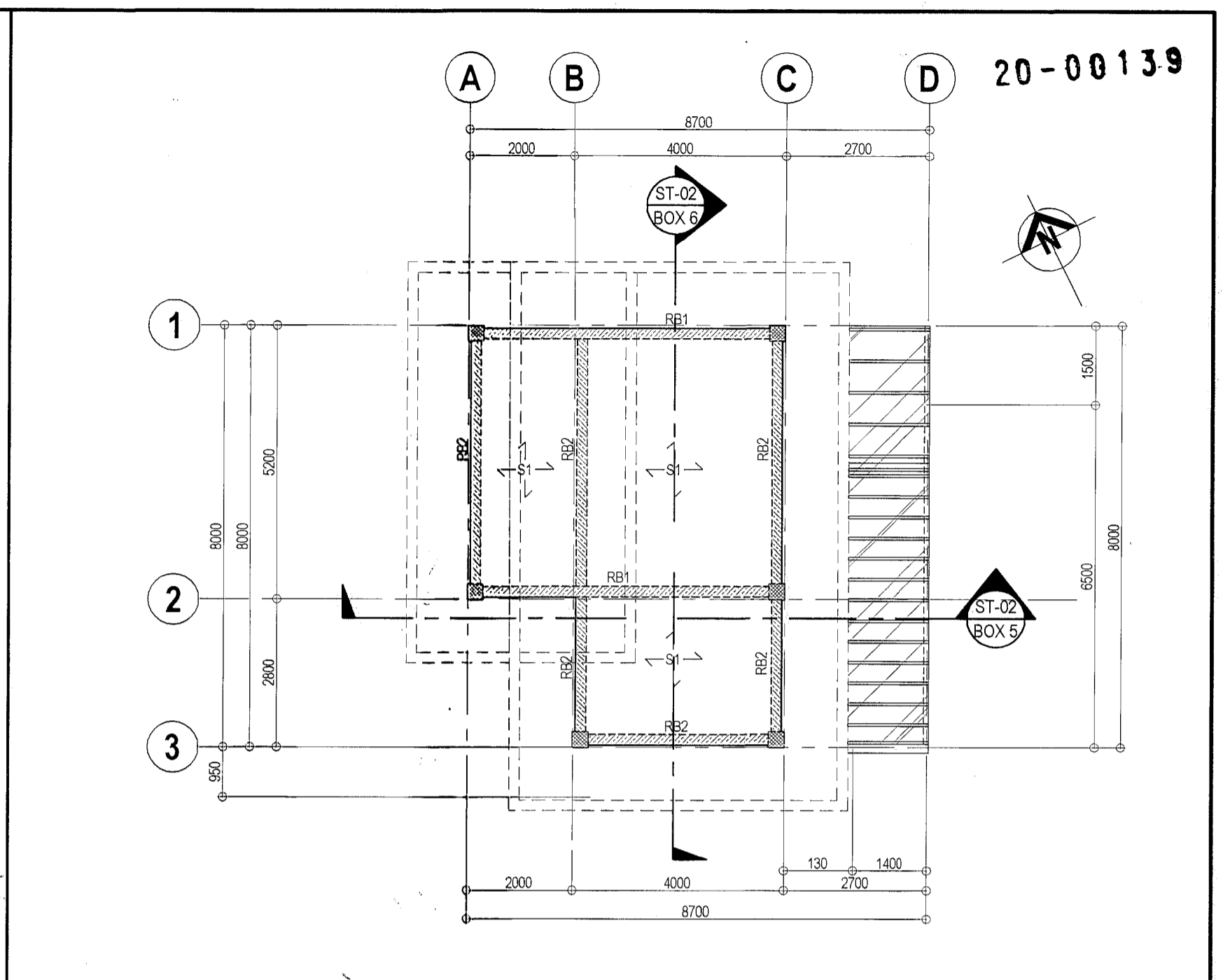
**ST-01**



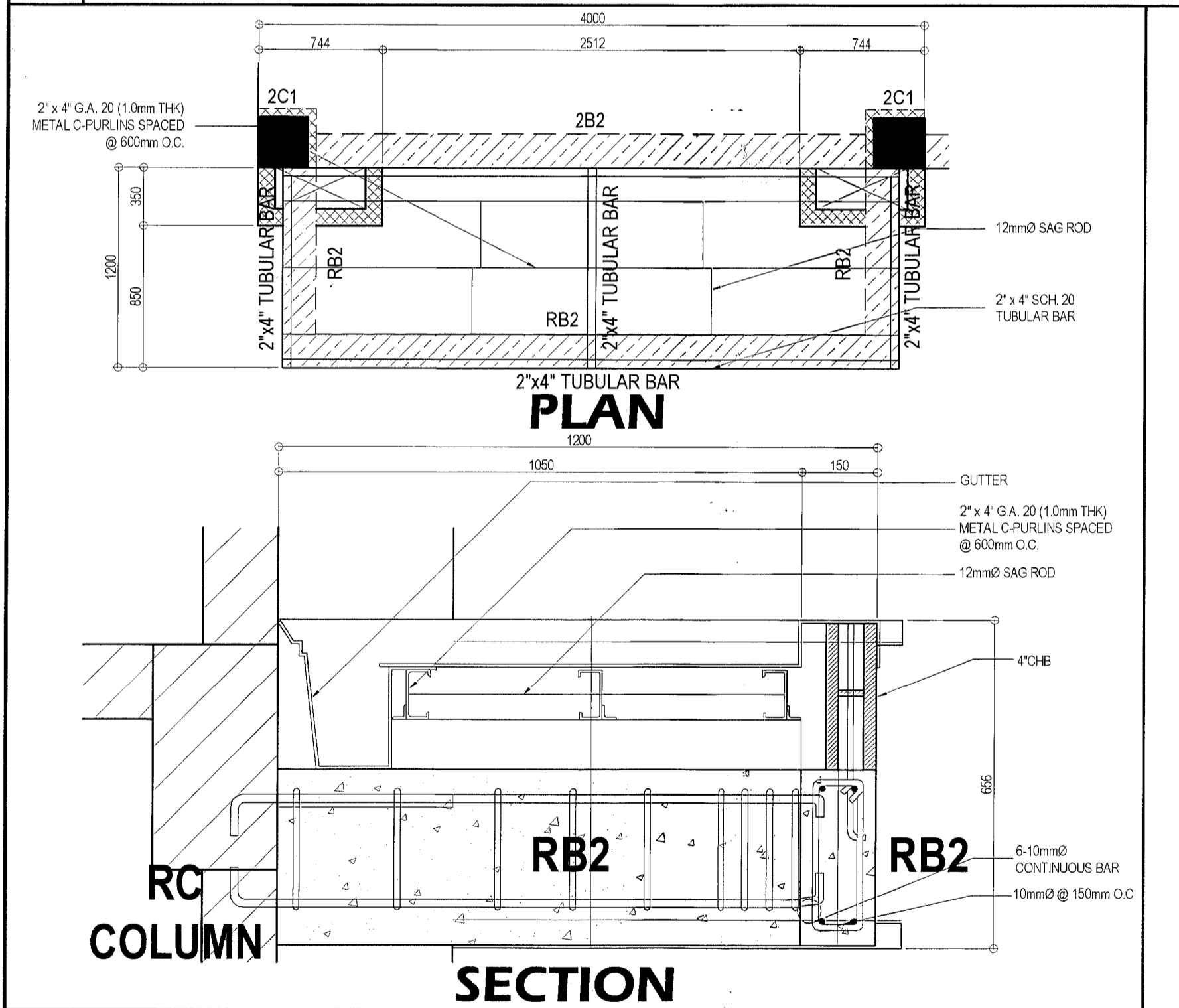
**1 FOUNDATION PLAN** SCALE 1:100 METERS



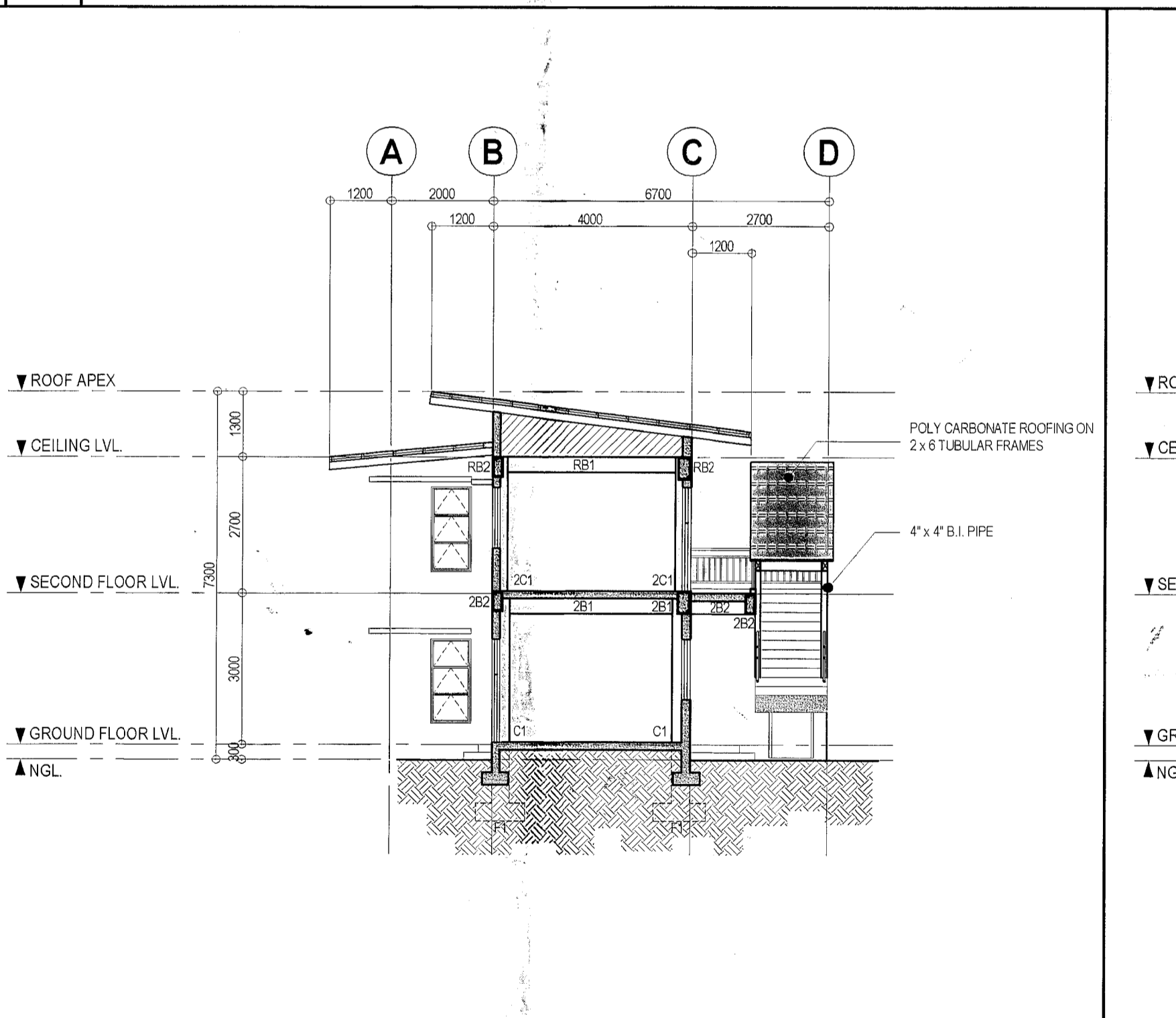
**2 SECOND FLOOR FRAMING PLAN** SCALE 1:100 METERS



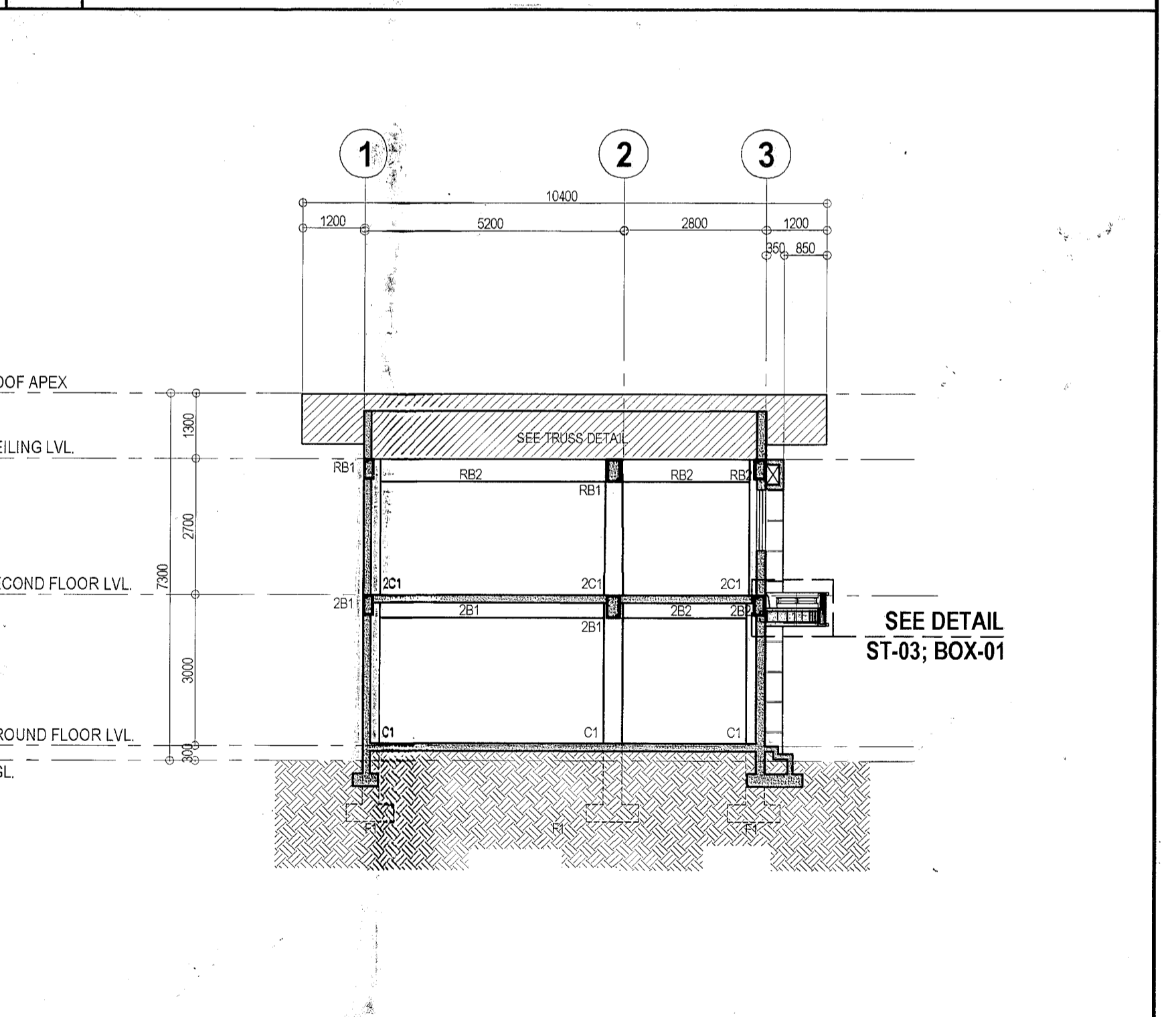
**3 ROOF FRAMING PLAN** SCALE 1:100 METERS



**4 ENTRANCE CANOPY DETAIL**

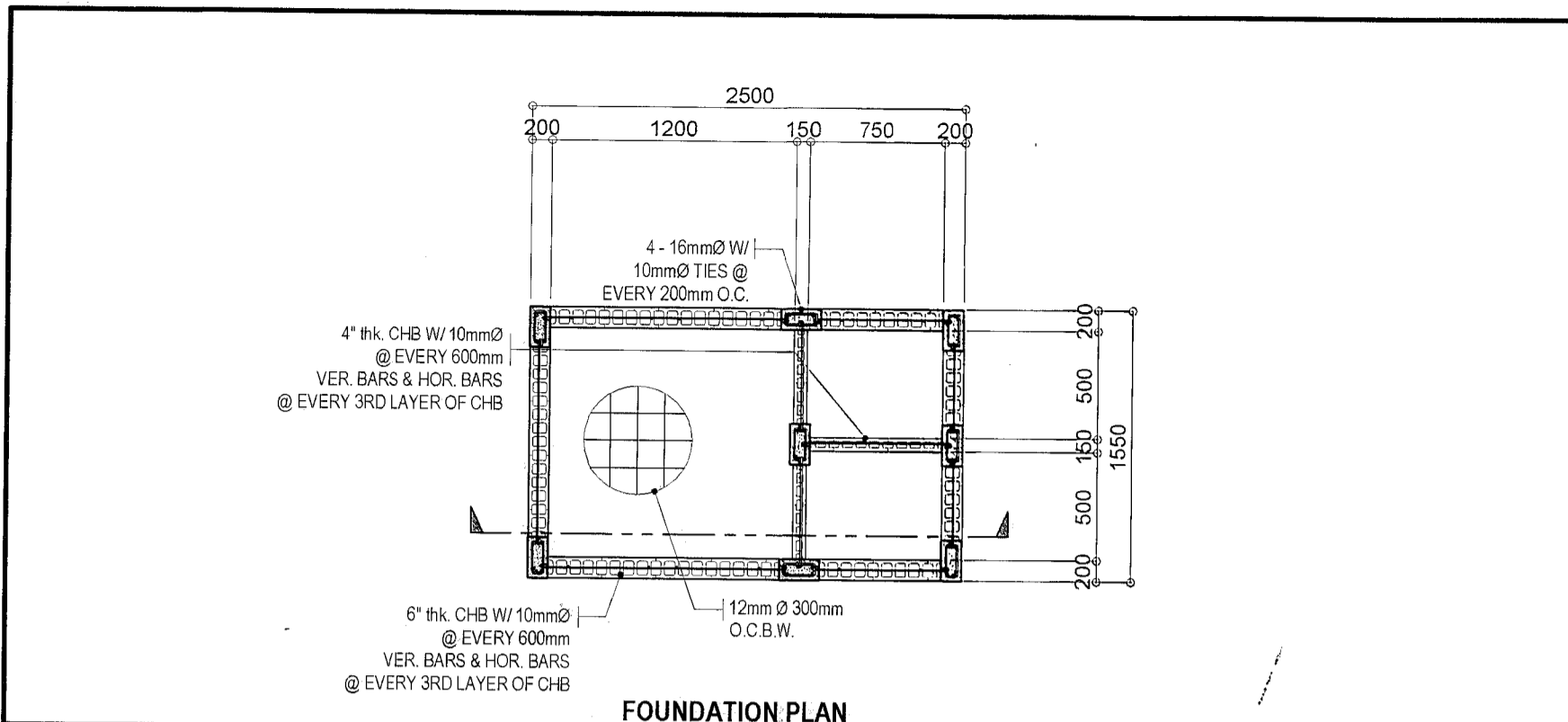


**5 CROSS SECTION** SCALE 1:100 METERS (20 x 30)  
 SCALE 1:200 METERS(A3)

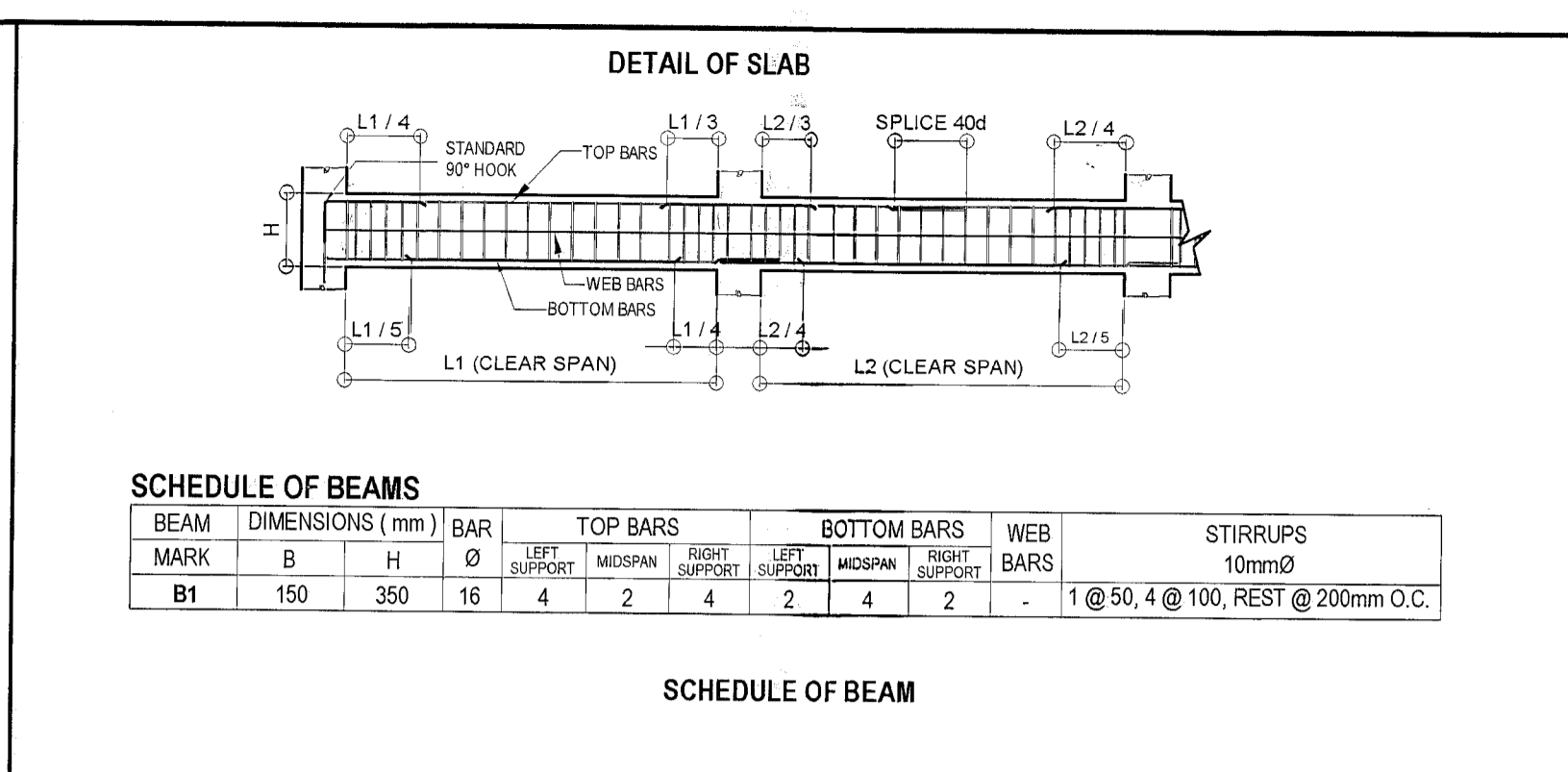


**6 LONGITUDINAL SECTION** SCALE 1:100 METERS (20 x 30)  
 SCALE 1:200 METERS(A3)

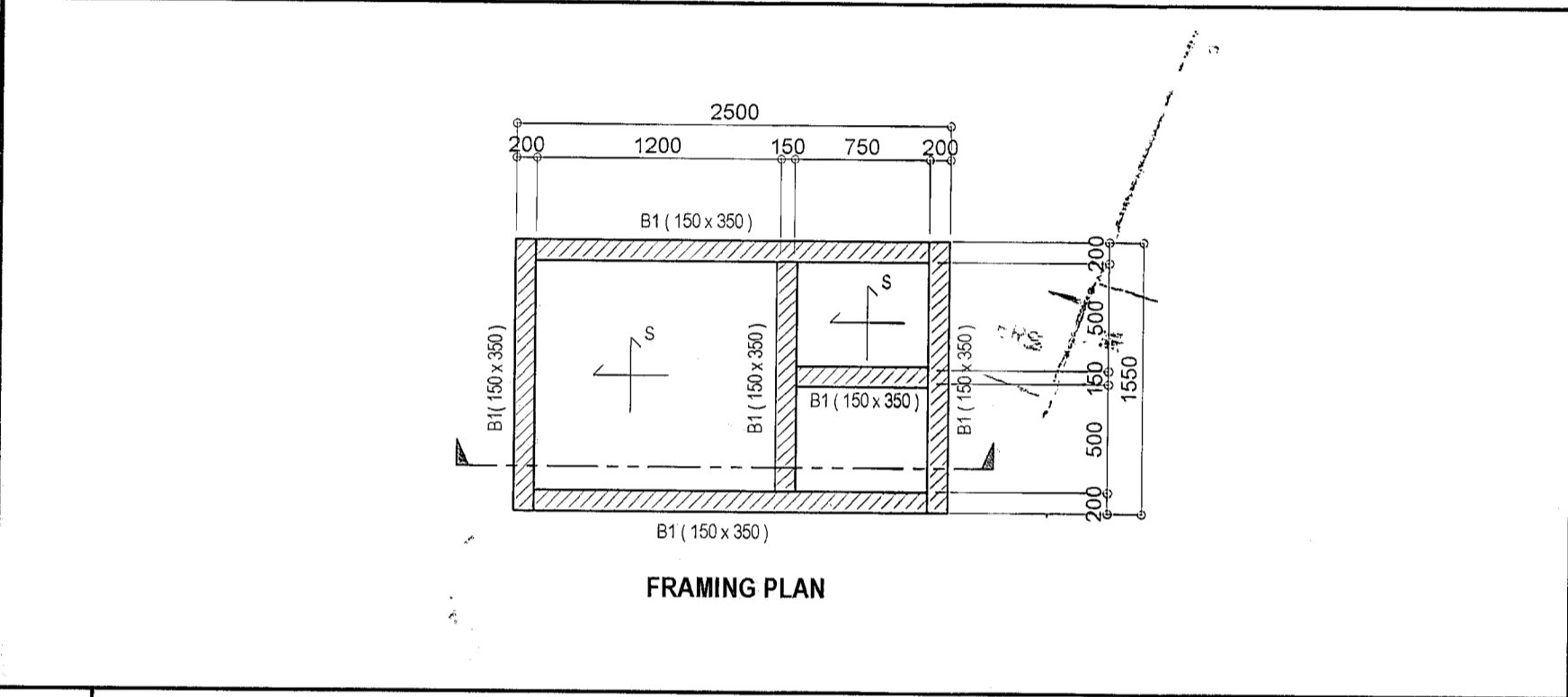
<p>Republika ng Pilipinas          Lungsod ng Quezon  <b>CITY ARCHITECT DEPARTMENT</b>          5/F CIVIC CENTER - D (BRO. Bldg), QUEZON CITY HALL COMPOUND,          ELLIPTICAL ROAD, DILIMAN, QUEZON CITY</p>	<p>PROVISO:          DRAWINGS AND SPECIFICATIONS DULY SIGNED, STAMPED OR SEALED AS INSTRUMENTS OF SERVICE ARE THE INTELLECTUAL PROPERTIES &amp; DOCUMENTS OF THE CITY ARCHITECT DEPARTMENT. WHETHER THE OBJECT FOR WHICH THEY ARE MOVED IS REGISTERED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON, WITHOUT THE CONSENT OF THE AUTHOR OF SAID DOCUMENTS TO REPRODUCE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REJECTION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTLY OR IN WHOLE.</p>	<p>RECOMMENDING APPROVAL</p>	<p>APPROVED BY :</p>	<p>PROJECT TITLE :</p>	<p>SHEET CONTENTS :</p>	<p>PROJECT NO.:</p>	<p>SHEET NO.:</p>
		<p>ARCH. LUCILLE H. CHUA, fuap, piep          CITY ARCHITECT</p>	<p>ENGR. ISAGANI R. VERSOZA, JR          OIC, CITY ENGINEER</p>	<p>HON. MA. JOSEFINA G. BELMONTE          CITY MAYOR</p>	<p>PROPOSED CONSTRUCTION OF          MULTI - PURPOSE BUILDING AT          BRGY. NAGKAISANG NAYON</p>	<p>FOUNDATION PLAN          SECOND FLOOR FRAMING PLAN          ROOF FRAMING PLAN          LONGITUDINAL SECTION          CROSS SECTION</p>	<p>DATE: March 2020          DRAWN BY: AR. P.N.B.          DESIGNED BY: ENGR. M.E. MACAS          CHECKED BY: AR. M.H. BALADJAY</p>



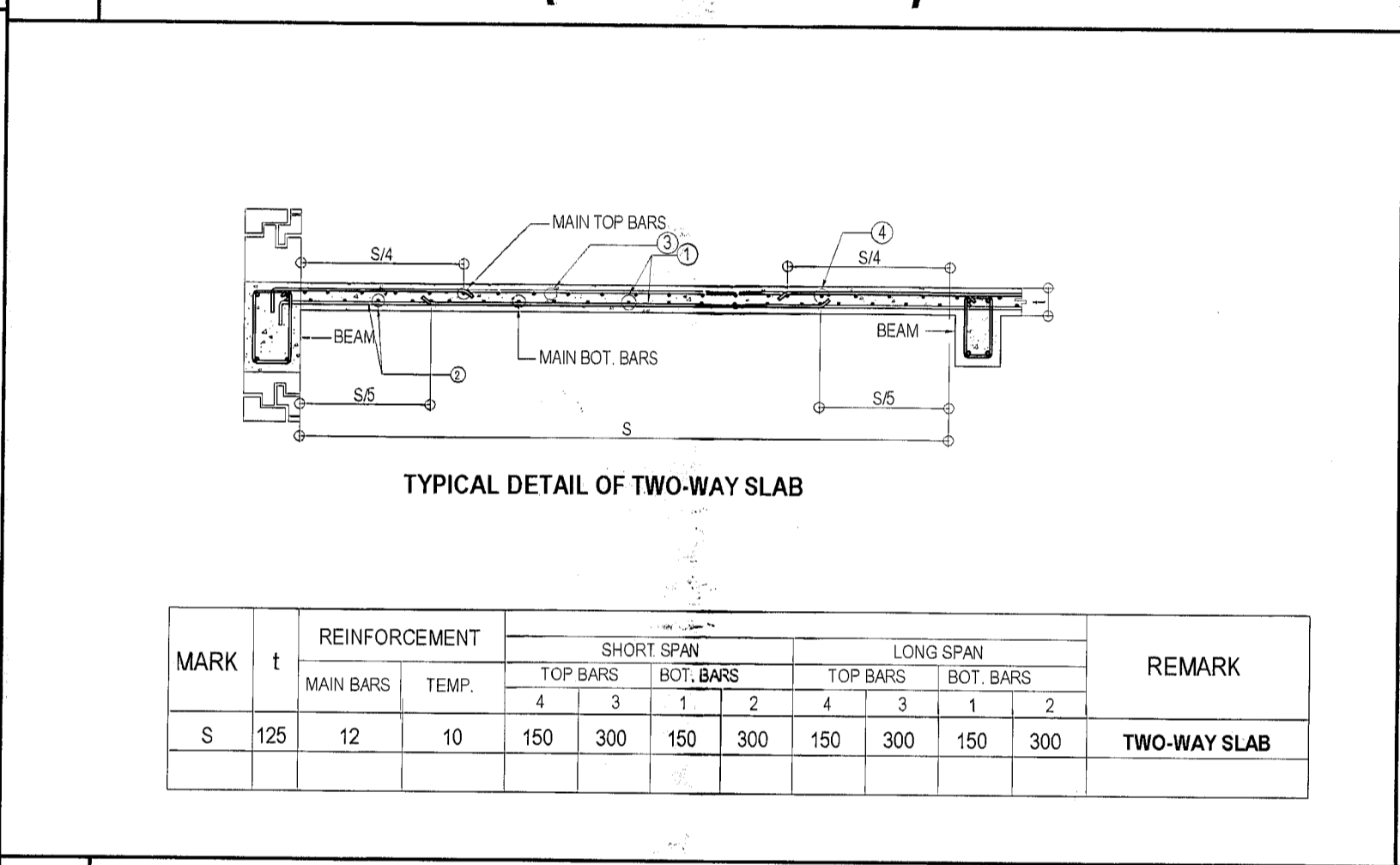
**1 SEPTIC TANK FOUNDATION PLAN** SCALE 1:20 METERS



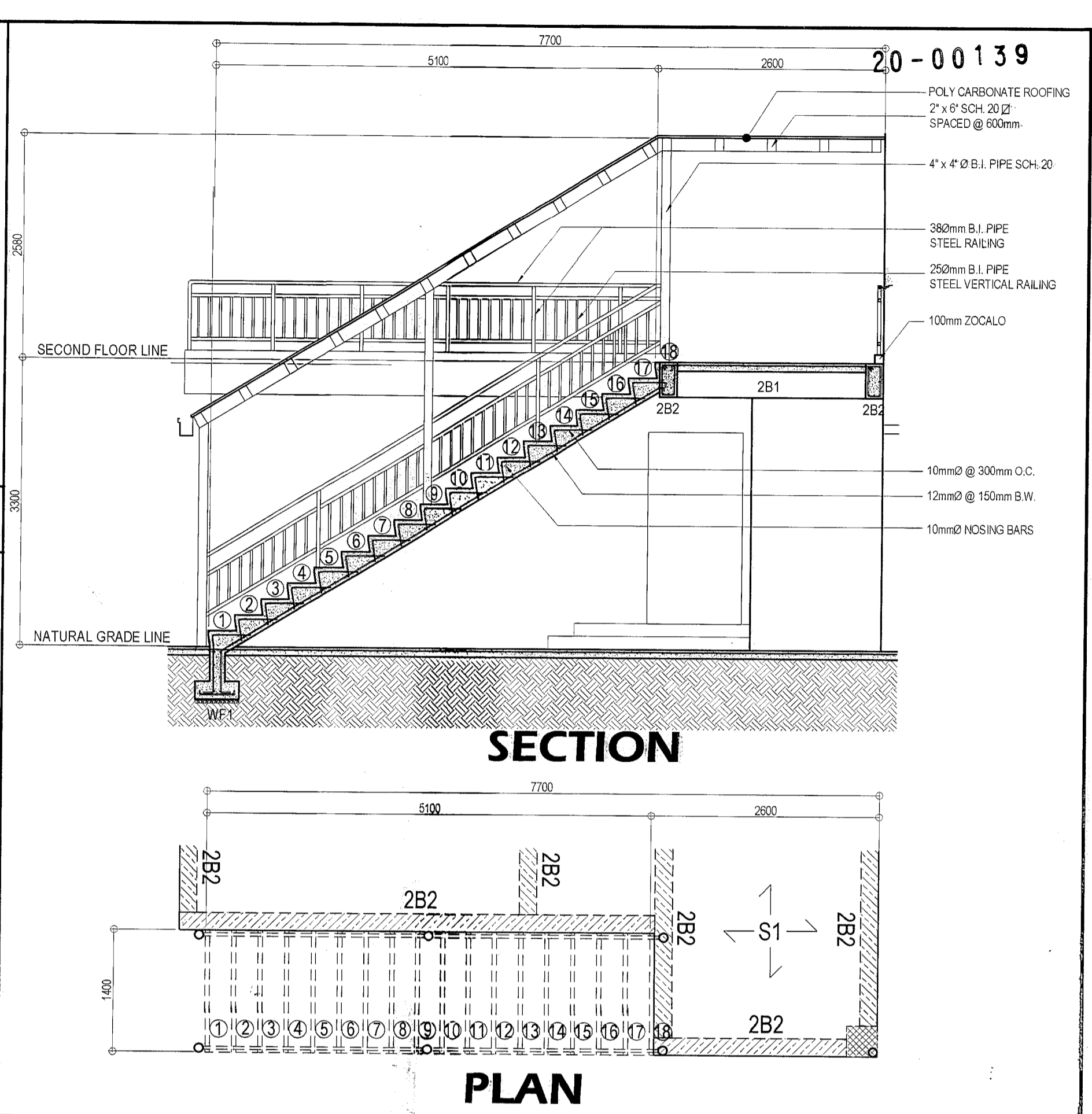
**4 DETAIL OF SLAB ( SEPTIC TANK )** NOT TO SCALE



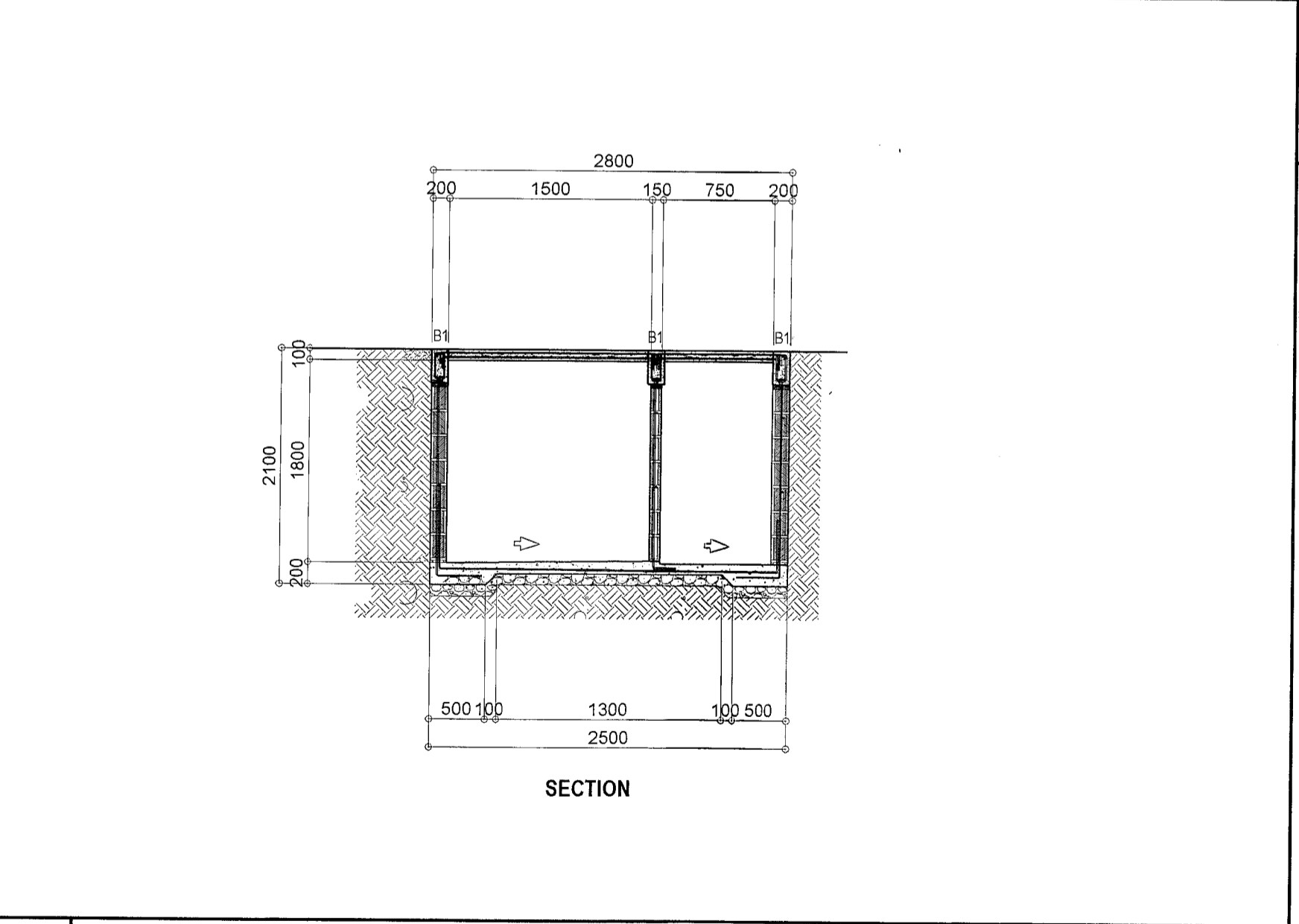
**2 SEPTIC TANK FRAMING PLAN** SCALE 1:20 METERS



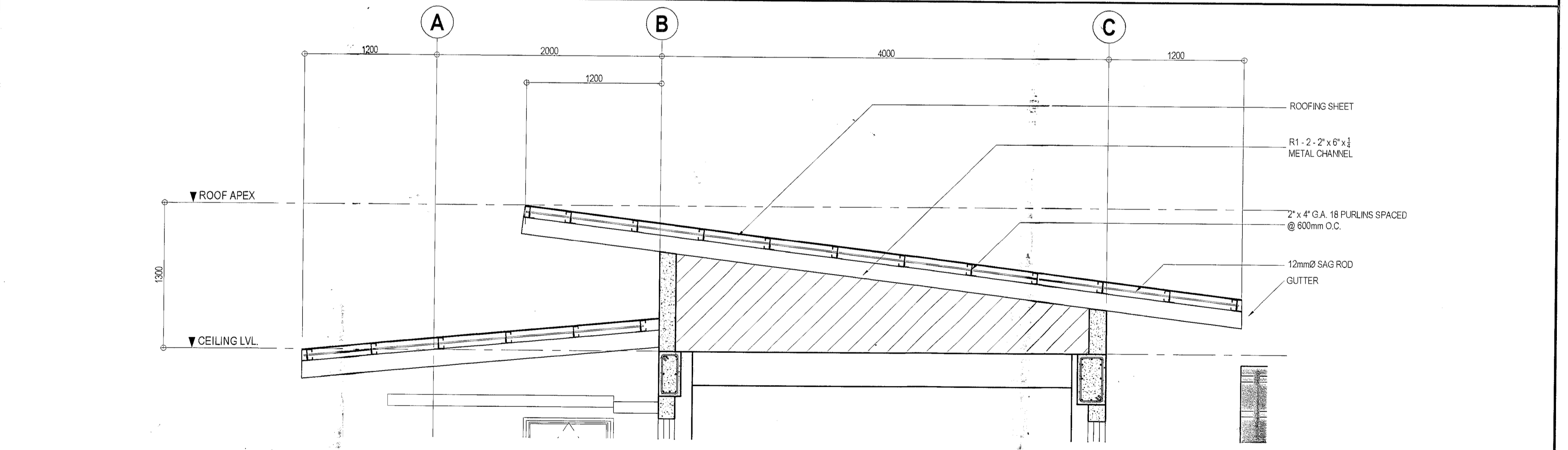
**5 SCHEDULE OF BEAM ( SEPTIC TANK )** NOT TO SCALE



**6 STAIR DETAIL** SCALE 1:50 METERS



**3 SEPTIC TANK SECTION** SCALE 1:20 METERS

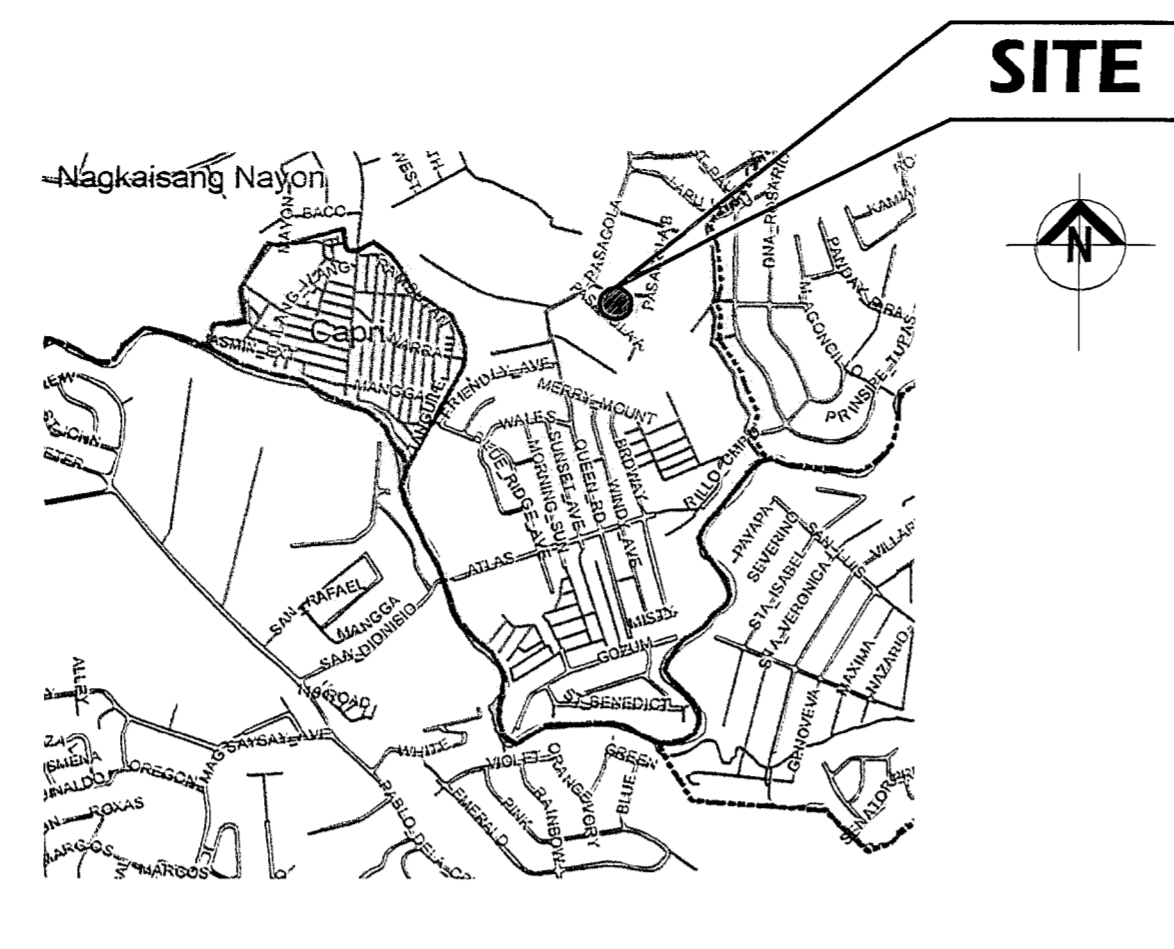


**7 TRUSS DETAIL** SCALE 1:30 METERS

<p>Republika ng Pilipinas Lungsod ng Quezon <b>CITY ARCHITECT DEPARTMENT</b> 5/F CIVIC CENTER - D (BRO. Bldg.), QUEZON CITY HALL COMPOUND, ELLIPTICAL ROAD, DILIMAN, QUEZON CITY</p>	<p>PROVISO: DRAWINGS AND SPECIFICATIONS DULY SIGNED, STAMPED OR SEALED AS INSTRUMENTS OF SERVICE ARE THE INTELLECTUAL PROPERTY OF THE CITY ARCHITECT DEPARTMENT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON, WITHOUT THE CONSENT OF THE AUTHOR OF SAID DOCUMENTS TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTLY OR IN WHOLE.</p>	<p>RECOMMENDING APPROVAL</p> <p>ARCH. LUCILLE H. CHUA, fuap, piep CITY ARCHITECT</p>	<p>APPROVED BY:</p> <p>ENGR. ISAGANI R. VERSOZA, JR OIC, CITY ENGINEER</p>	<p>PROJECT TITLE:</p> <p><b>PROPOSED CONSTRUCTION OF MULTI - PURPOSE BUILDING AT BRGY. NAGKAISANG NAYON</b></p> <p>LOCATION: BGY. NAGKAISANG NAYON, QUEZON CITY</p>	<p>SHEET CONTENTS:</p> <p>STAIR DETAIL TRUSS DETAIL SEPTIC TANK DETAIL</p>	<p>PROJECT NO.:</p> <p>DATE: March 2020 DRAWN BY: AR-P.N.B. DESIGNED BY: ENGR. M.E.A. MACASAD CHECKED BY: AR. M.H. BALADJAY</p>	<p>SHEET NO.:</p> <p><b>ST-03</b></p>
		<p>ARCHITECT DEPARTMENT CITY ARCHITECT</p>		<p>APPROVED BY: HON. MA. JOSEFINA G. BELMONTE CITY MAYOR</p>		<p>PROJECT NO.:</p>	

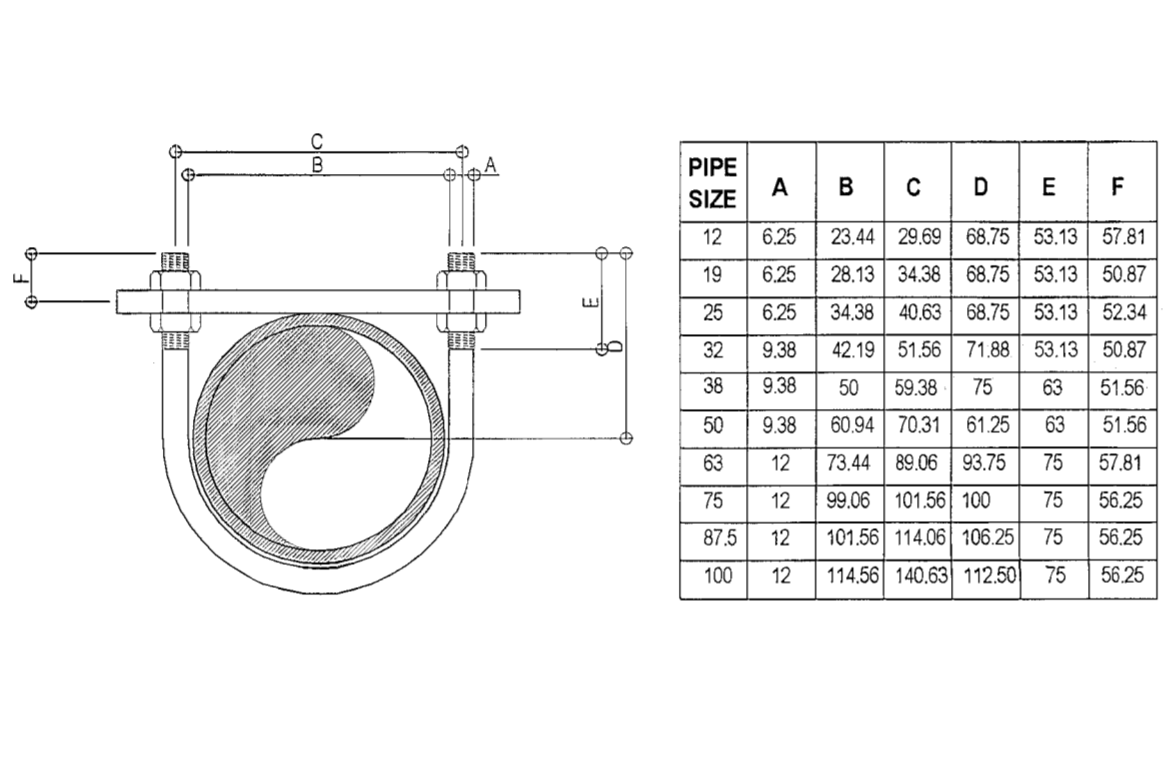
- ALL ELECTRICAL WORKS HEREIN SHALL BE DONE IN ACCORDANCE W/ THESE PLANS AND SPECIFICATIONS, THE APPLICABLE PROVISIONS OF THE LATEST EDITION OF PHILIPPINE ELECTRICAL CODE (PEC), THE RULES AND REGULATIONS OF THE LOCAL ENFORCING AUTHORITY AND THE REQUIREMENTS OF THE LOCAL POWER AND TELEPHONE COMPANIES. THE ELECTRICAL WORKS SHALL BE UNDER THE IMMEDIATE SUPERVISION OF A DULY REGISTERED ELECTRICAL ENGINEERS.
- THE SERVICE ENTRANCE SHALL BE 220 VOLTS, 1Ø, 2-WIRES + 1- NEUTRAL, 60 HZ. IN INTERMEDIATE METAL CONDUIT (IMC).
- THE MAIN AND BRANCH CONDUIT OVER CURRENT PROTECTION SHALL BE OF MOLDED CASE CIRCUIT BREAKER (MCCB), BREAKER TYPE "GE", "WESTINGHOUSE", OR APPROVED EQUAL ENCLOSED IN A METAL CABINET.
- UNLESS SPECIFIED IN THE PLAN, MINIMUM SIZE OF WIRE AND CONDUIT SHALL BE 2.0mm<sup>2</sup> & 20mmØ (1/2Ø) RESPECTIVELY. ALL WIRES SHALL BE RATED 600 VOLTS WITH THHN/ THW INSULATION.
- ALL SERVICE ENTRANCE EQUIPMENT, SWITCHES, PANELBOARDS, LIGHTING FIXTURES AND NON-CURRENT CARRYING METAL PARTS SHALL BE PROPERLY GROUNDED IN ACCORDANCE WITH THE PHILIPPINE ELECTRICAL CODE.
- CONVENIENCE OUTLET AND LIGHTING SWITCHES SHALL BE RATED AT 15A, 220V AS MANUFACTURED BY "NATIONAL" APPROVED EQUAL.
- ALL MOUNTING HEIGHTS OF WIRING DEVICES SHALL BE AS FOLLOWS:
  - LIGHTING SWITCHES - 1.40m ABOVE FLOOR FINISH
  - CONVENIENCE OUTLETS - 0.30m ABOVE FLOOR FINISH OR AS REQUIRED
  - PANELBOARDS & CABINETS - 1.40m ABOVE FLOOR FINISH @ CENTER
  - EXIT LIGHT - .15m TOP OF DOOR JAMB
  - EMERGENCY LIGHT - 2.00m ABOVE FLOOR EMERGENCY
- ALL BRANCHES AND CIRCUIT SHALL NOT BE LOADED MORE THAN 80% OF RATED CAPACITY.
- PULL BOXES SHALL BE PROVIDED WHENEVER NECESSARY TO FACILITATE WIRE PULLING EVEN IF THESE ARE NOT INDICATED ON PLANS.

**1 GENERAL NOTES** NOT TO SCALE



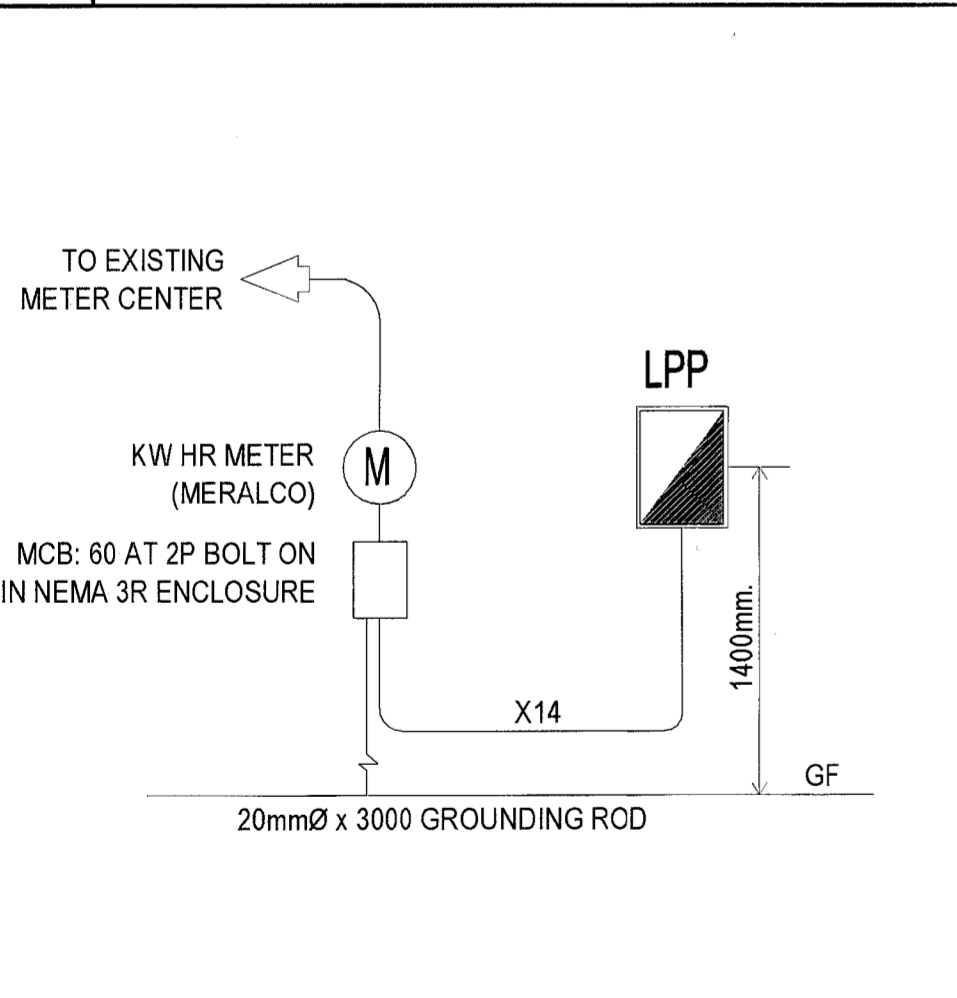
**3 VICINITY MAP** NOT TO SCALE

- 2 LEGENDS & SYMBOLS** NOT TO SCALE
- LPP** LIGHTING & POWER PANEL
  - 2X36 WATTS FLUORESCENT LIGHT IN TROFFER TYPE HOUSING
  - 1X36 WATTS FLUORESCENT LIGHT IN TROFFER TYPE HOUSING
  - 1X36 WATTS FLUORESCENT LIGHT IN DUST AND MOISTURE RESISTANT HOUSING
  - 1x36WATTS CABINET LIGHTS
  - SWITCH LOCATION
  - S** SINGLE POLE SWITCH
  - Sab / S2** TWO GANG SWITCH (2 SINGLE IN 1 SWITCH PLATE)
  - Sabc / S3** THREE GANG SWITCH (3 SINGLE IN 1 SWITCH PLATE)
  - S3w** THREE WAY SWITCH
  - SINGLE C.O. W/ EMERGENCY LIGHT, TWIN HEAD
  - DUPLEX CONVENIENCE OUTLET W/ GROUND
  - SPECIAL PURPOSE / ACU OUTLET
  - RISER UP / RISER DOWN, USE 25mm (1") PVC
  - OUTDOOR TRIANGULAR FACADE LUMINAIRE W/ 2X18 WATTS LED TUBE
  - CEILING MOUNTED EXHAUST FAN
  - CIRCUIT RUN
  - CIRCUIT HOMERUN TO PANELBOARD
  - 4" KEYLESS WITH 18 WATTS CFL
  - 6" PINLIGHT WITH 18 WATTS CFL
  - WALL BRACKET LIGHTING FIXTURE



**4 U-BOLT DETAIL** NOT TO SCALE

**2 LEGENDS & SYMBOLS** NOT TO SCALE



**5 RISER DIAGRAM** NOT TO SCALE

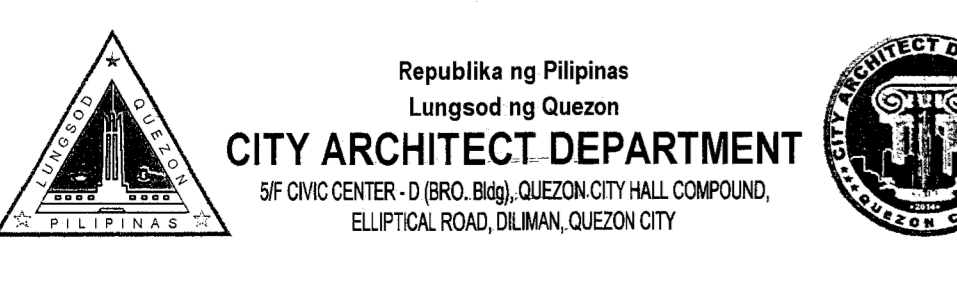
**6 SCHEDULE OF LOADS** NOT TO SCALE

CKT NO.	VOLTS	LO	CO	OTHER LOAD SERVICE	AMPERE LOAD (1Ø)	VOLT AMPERE	CIRCUIT BREAKER	SIZE OF WIRE
1	220	11		1- Exhaust Fan	5.23	1,150	2ØAT, 2P, Bolt-On	2- 3.5mm <sup>2</sup> THHN in 20mmØ PVC
2	220	7			3.18	700	2ØAT, 2P, Bolt-On	2- 3.5mm <sup>2</sup> THHN in 20mmØ PVC
3	220	6	6	2- Ceiling Fan / 1- Emergency Light	7.36	1,620	2ØAT, 2P, Bolt-On	2- 3.5mm <sup>2</sup> THHN + 1 - 2.0mm <sup>2</sup> TW (G) in 20mmØ PVC
4	220	6	6	2- Ceiling Fan / 1- Emergency Light	7.36	1,620	2ØAT, 2P, Bolt-On	2- 3.5mm <sup>2</sup> THHN + 1 - 2.0mm <sup>2</sup> TW (G) in 20mmØ PVC
5	220			Spare				
6	220			Spare				
TOTAL					23.14	5,090		

$I_L = 23.14$  Amperes  
**Feeder Line:**  
 Use: 2 - 14mm<sup>2</sup> THHN + 1 - 5.5mm<sup>2</sup> THW (G) in 25mmØ IMC X14

**5 RISER DIAGRAM** NOT TO SCALE

**6 SCHEDULE OF LOADS** NOT TO SCALE

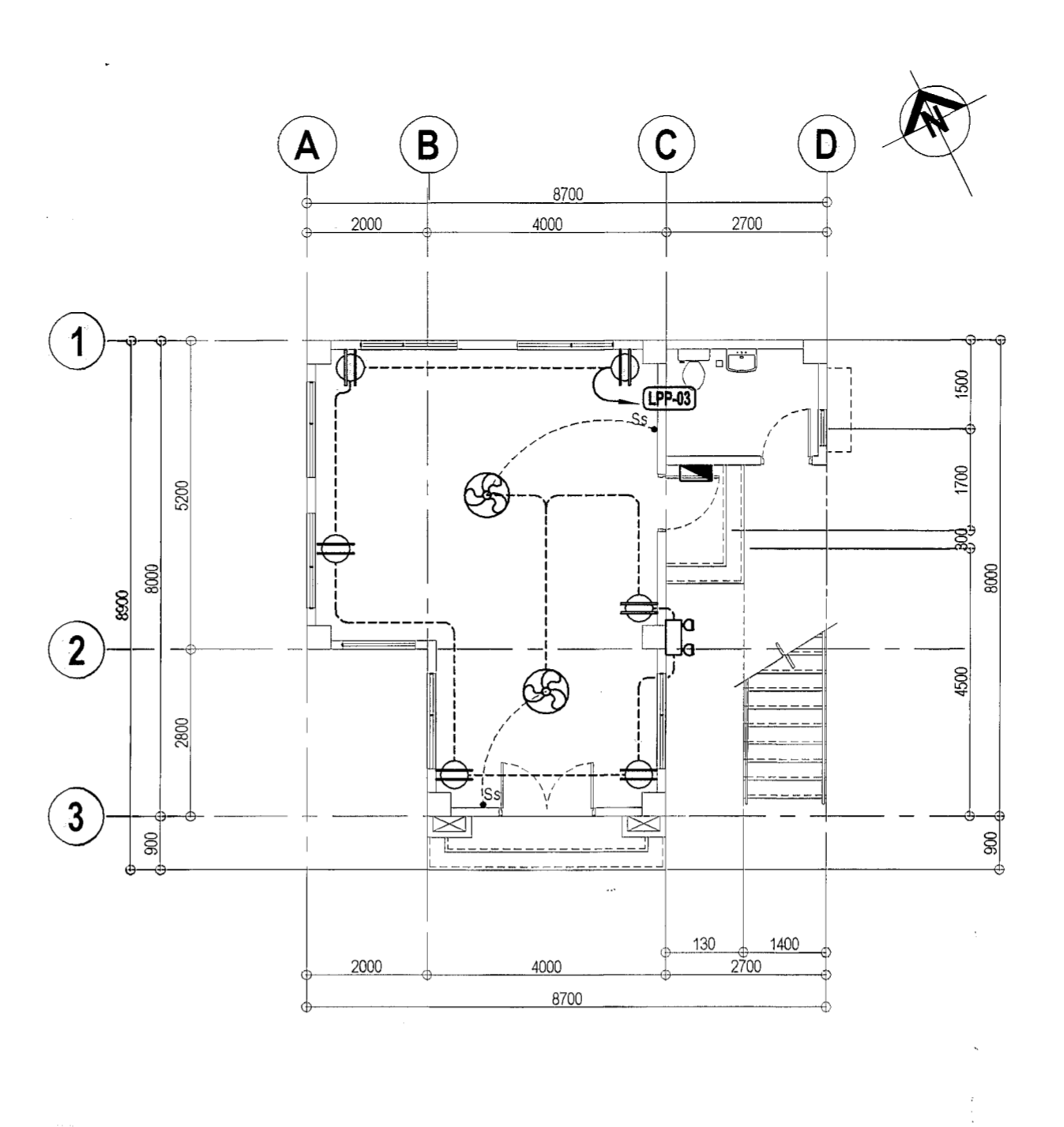


**7 PROVISOR:**  
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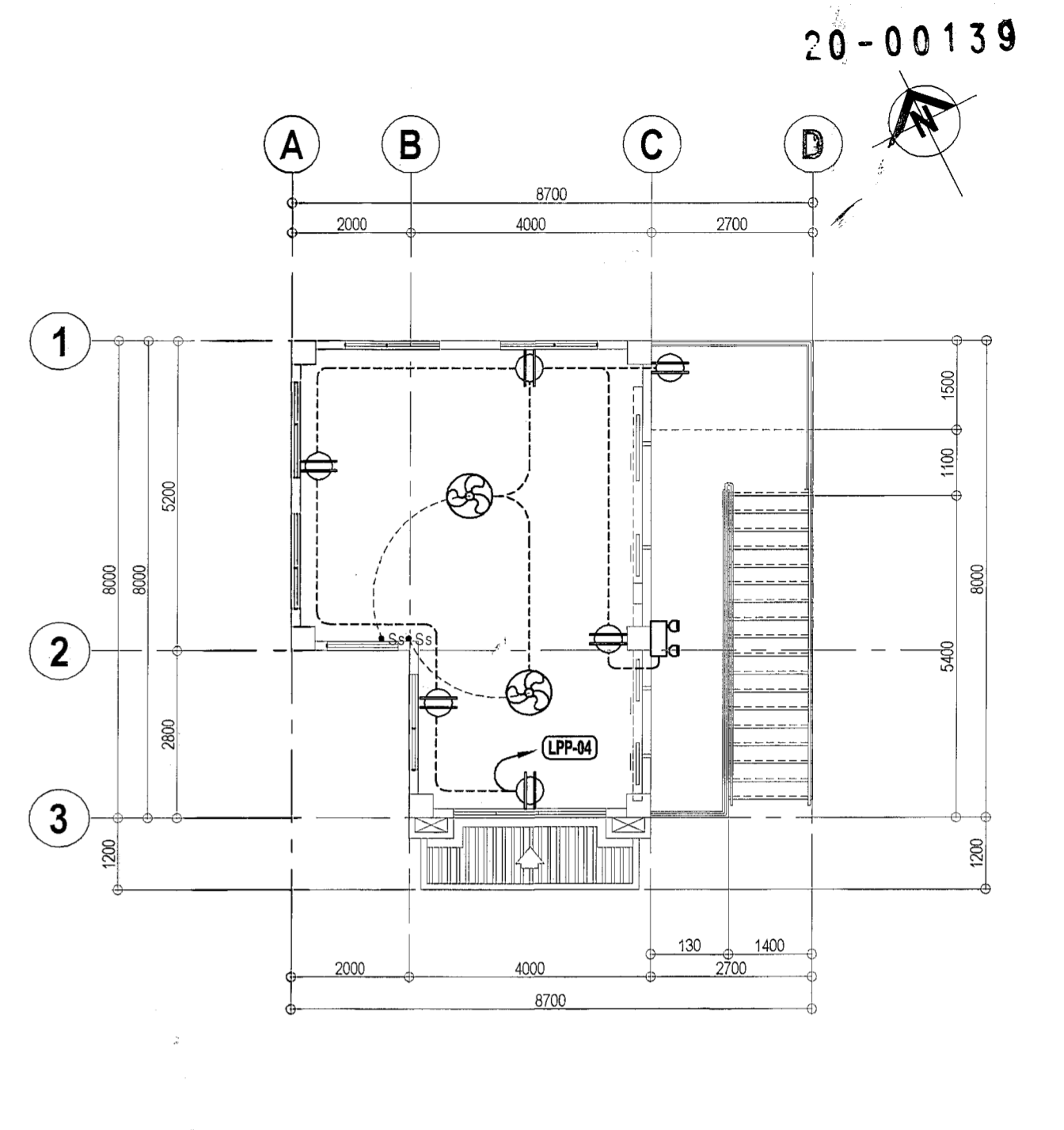
**8 RECOMMENDING APPROVAL**

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

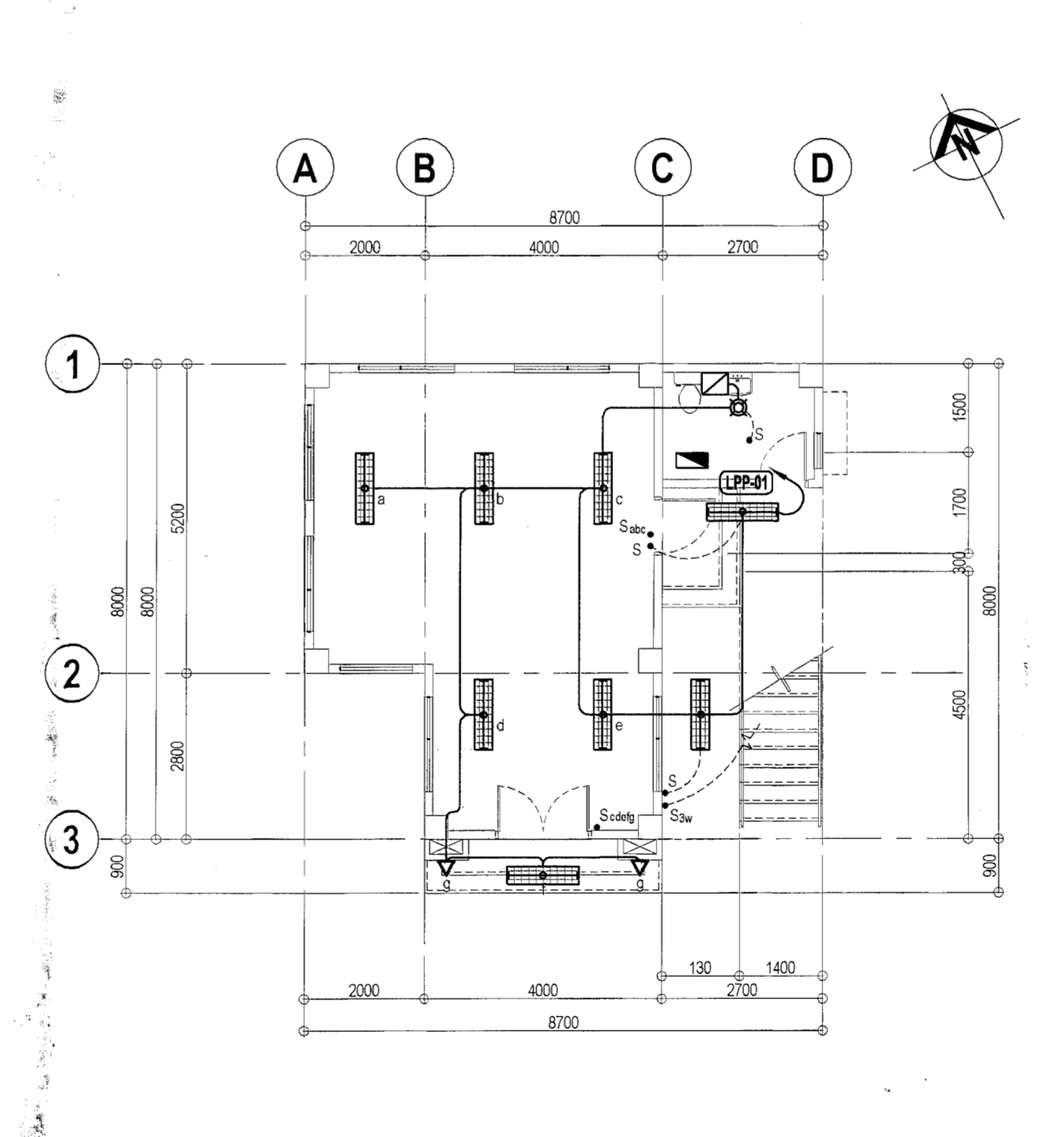
ENGR. ISAGANI R. VERSOZA, JR  
 OIC, CITY ENGINEER



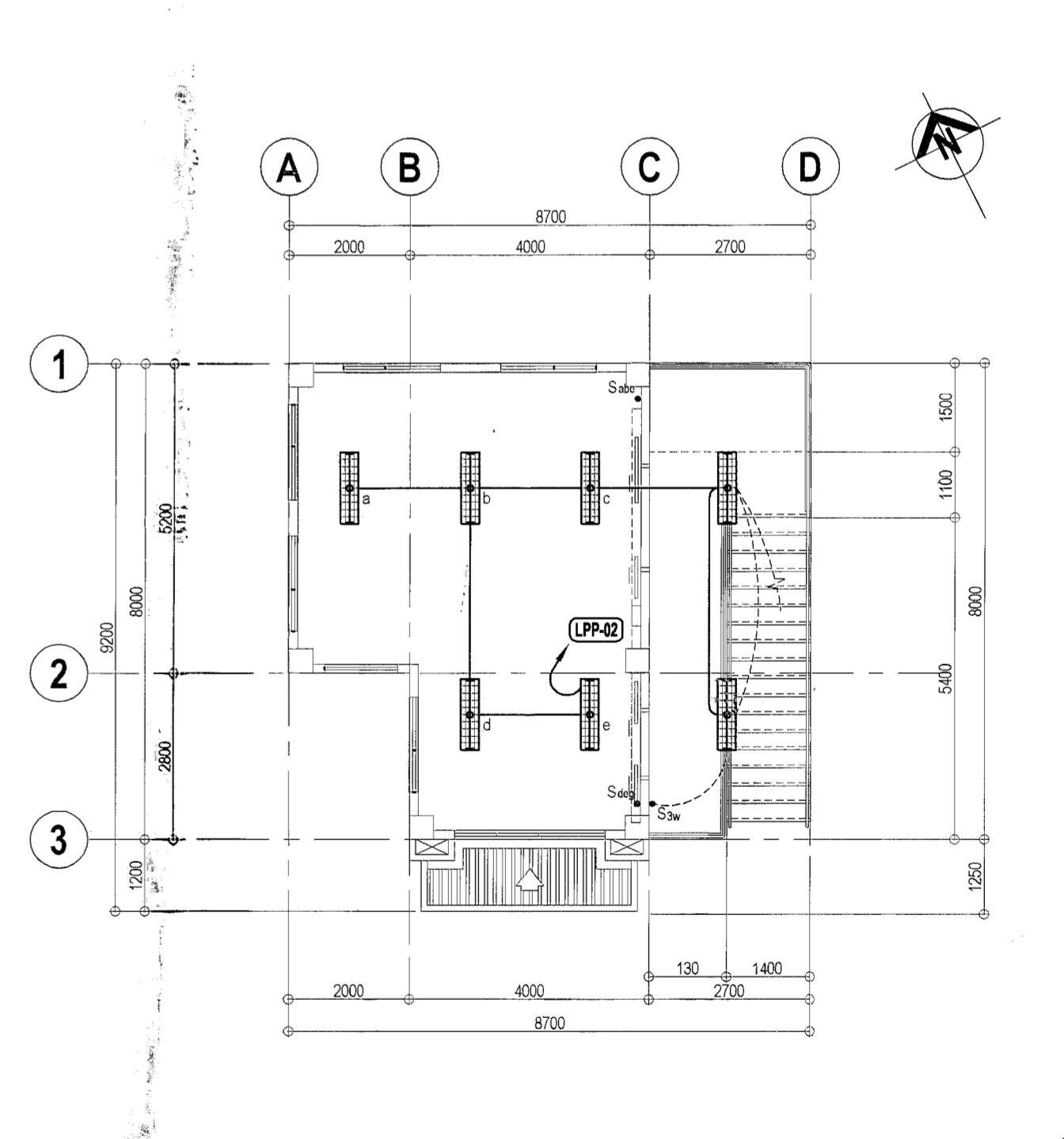
**7 GROUND FLOOR POWER LAYOUT** SCALE 1:100 METERS



**8 SECOND FLOOR POWER LAYOUT** SCALE 1:100 METERS



**9 GROUND FLOOR LIGHTING LAYOUT** SCALE 1:100 METERS



**10 SECOND FLOOR LIGHTING LAYOUT** SCALE 1:100 METERS

**9 APPROVED BY:**  
 HON. MA. JOSEFINA G. BELMONTE  
 CITY MAYOR

**10 PROJECT TITLE:**  
 PROPOSED CONSTRUCTION OF MULTI-PURPOSE BUILDING AT BRGY. NAGKAISANG NAYON

**11 LOCATION:** BGY. NAGKAISANG NAYON, QUEZON CITY

**12 SHEET CONTENTS:**  
 GENERAL NOTES  
 LEGENDS AND SYMBOLS  
 VICINITY MAP  
 U-BOLT DETAIL  
 RISER DIAGRAM  
 SCHEDULE OF LOADS  
 GROUND FLOOR POWER LAYOUT  
 SECOND FLOOR POWER LAYOUT  
 GROUND FLOOR LIGHTING LAYOUT  
 SECOND FLOOR LIGHTING LAYOUT

**13 PROJECT NO.:** 20-00139

**14 DATE:** March 2020

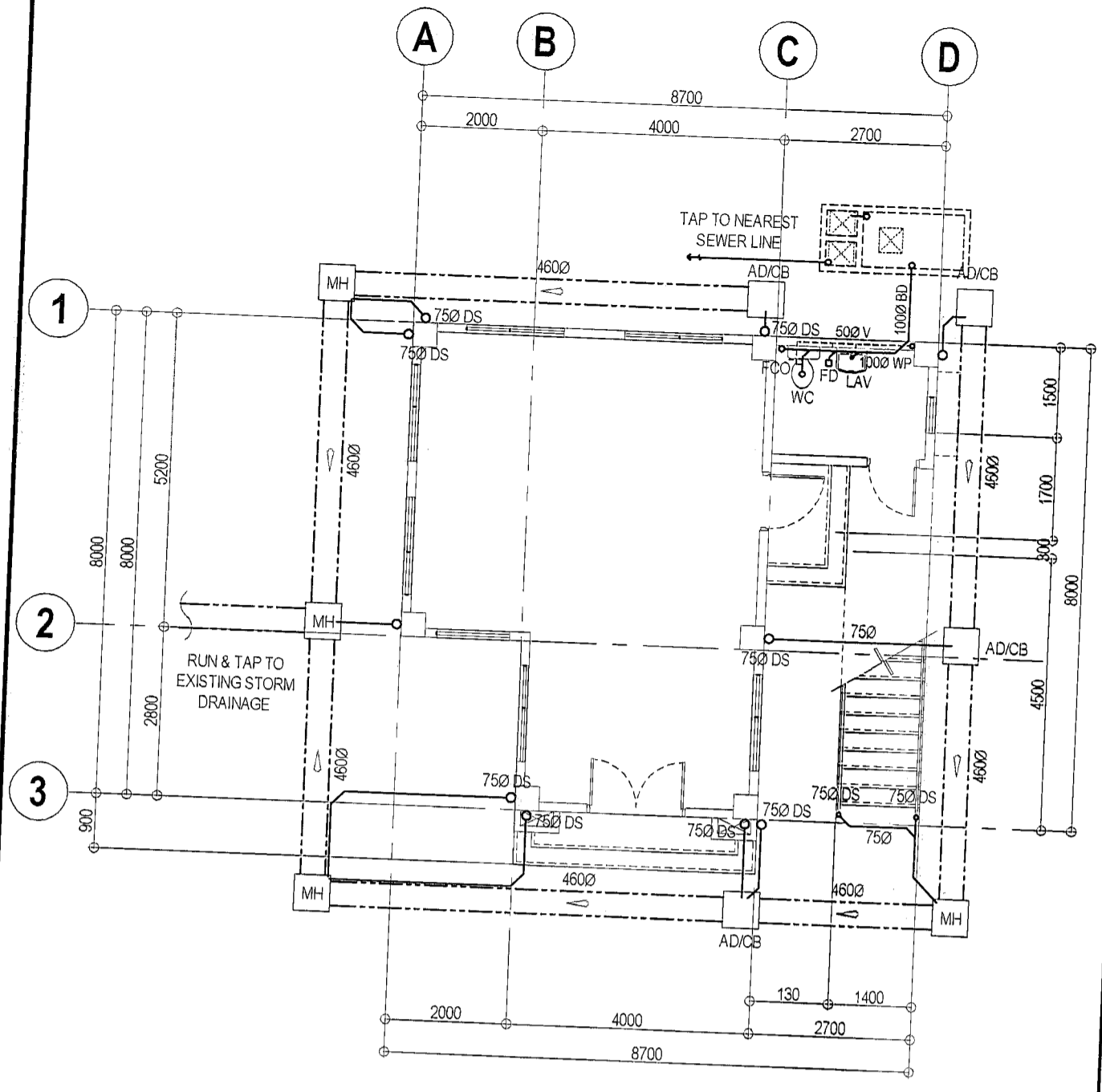
**15 DRAWN BY:** AR.P.N.B.

**16 DESIGNED BY:** ENGR. T.B. INFANTE JR.

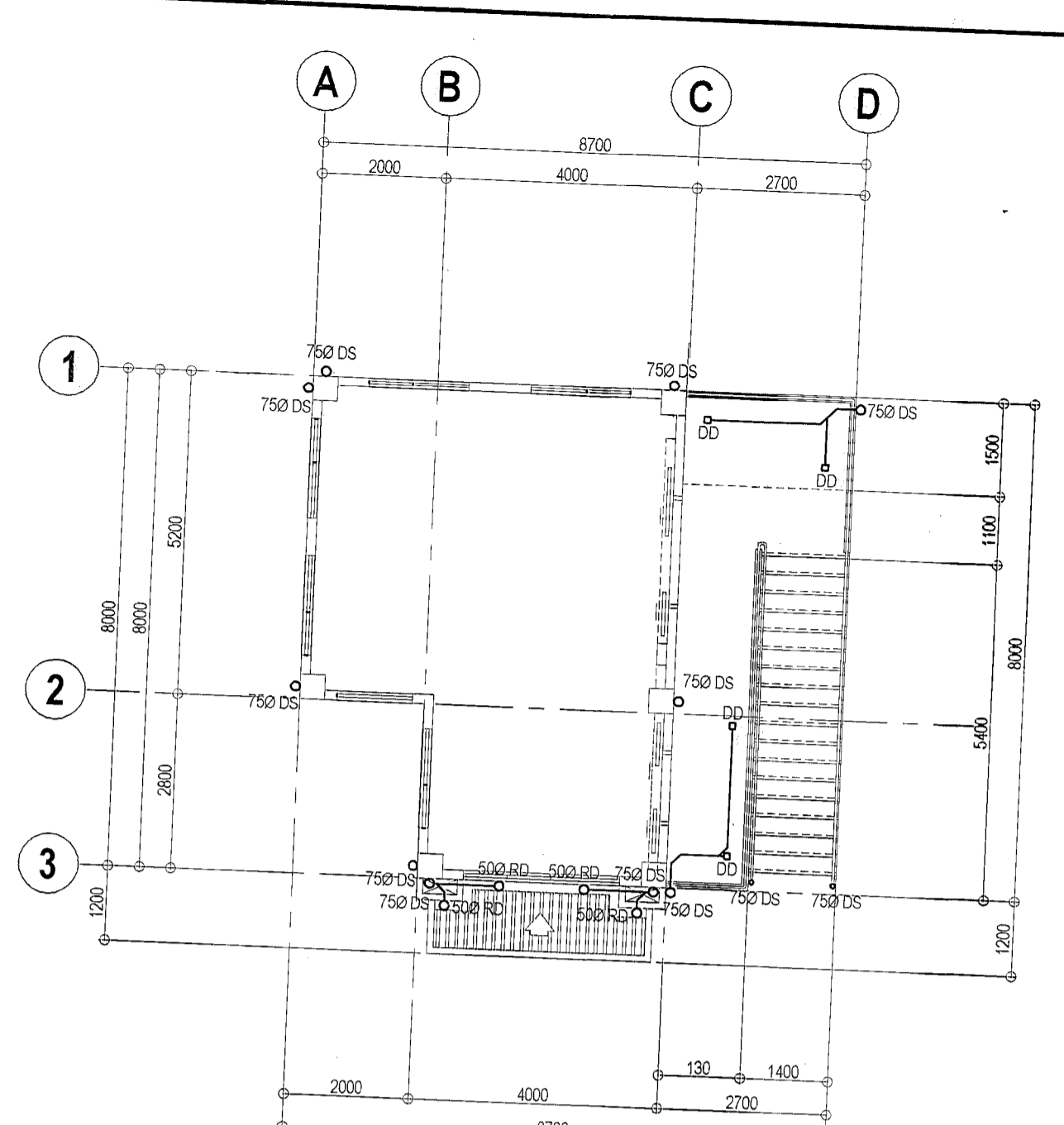
**17 CHECKED BY:** AR. M.H. BALADIA

**18 SHEET NO.:** EL-01

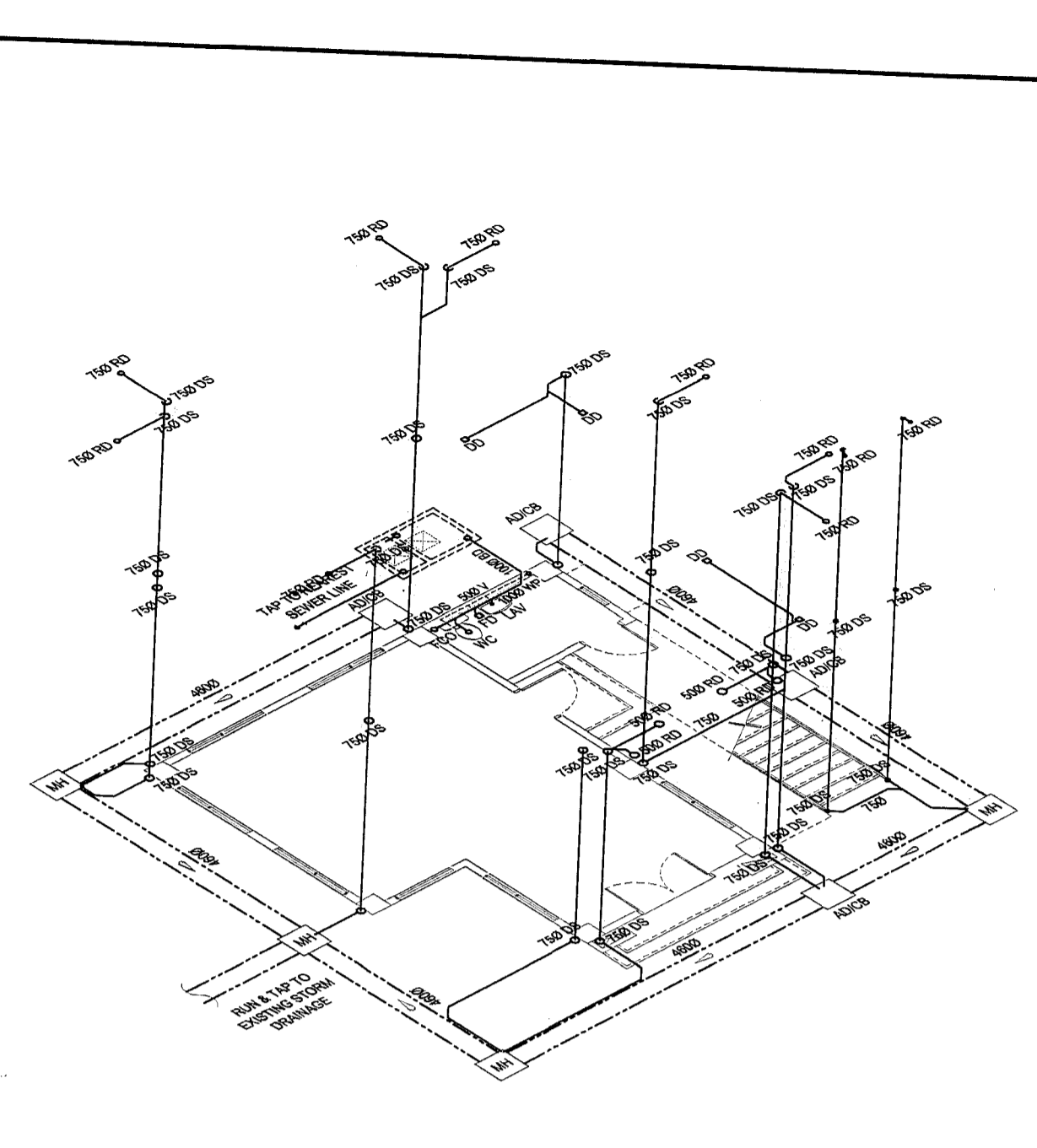




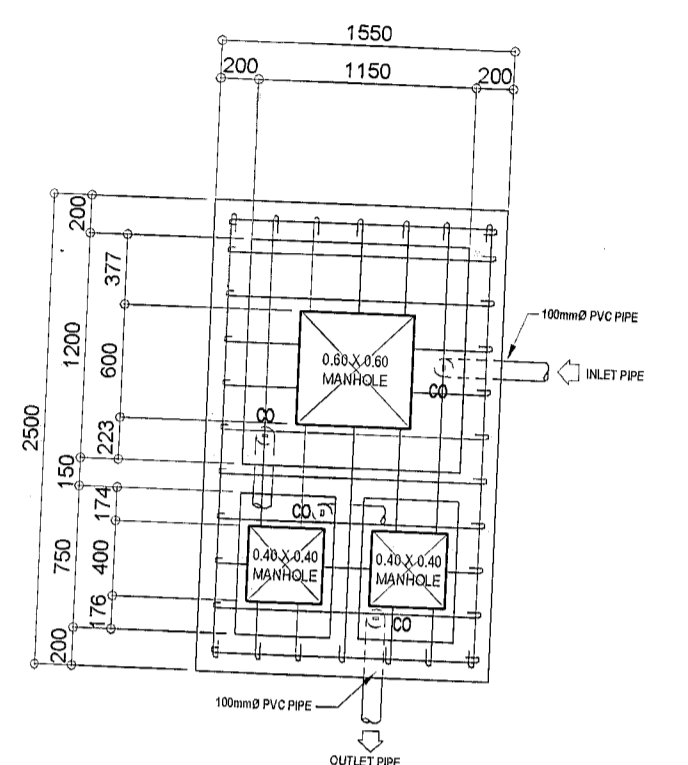
**1 GROUND FLOOR SANITARY & STORM DRAINAGE LAYOUT** SCALE 1:100 METERS



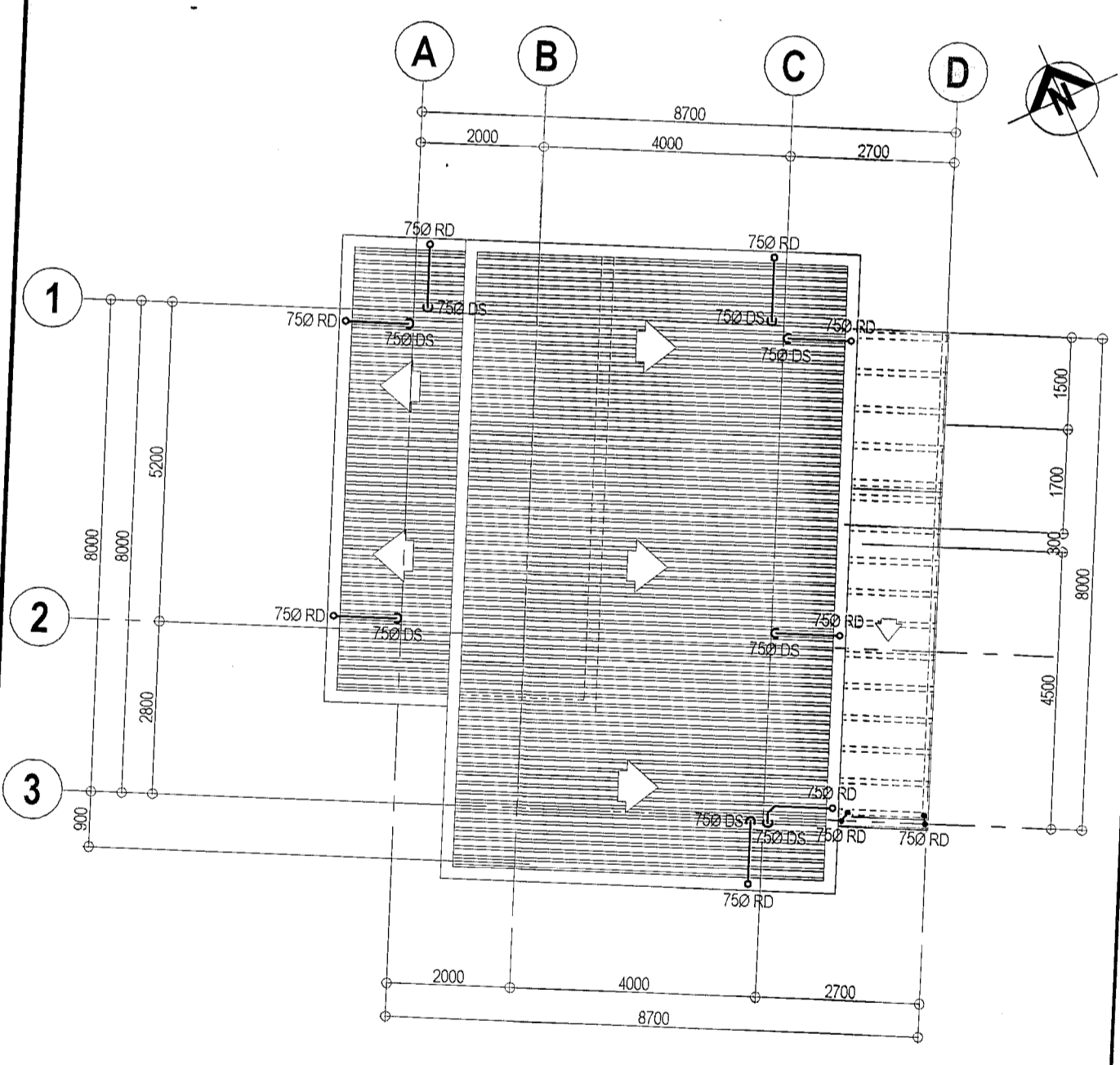
**2 SECOND FLOOR STORM DRAIN LAYOUT** SCALE 1:100 METERS



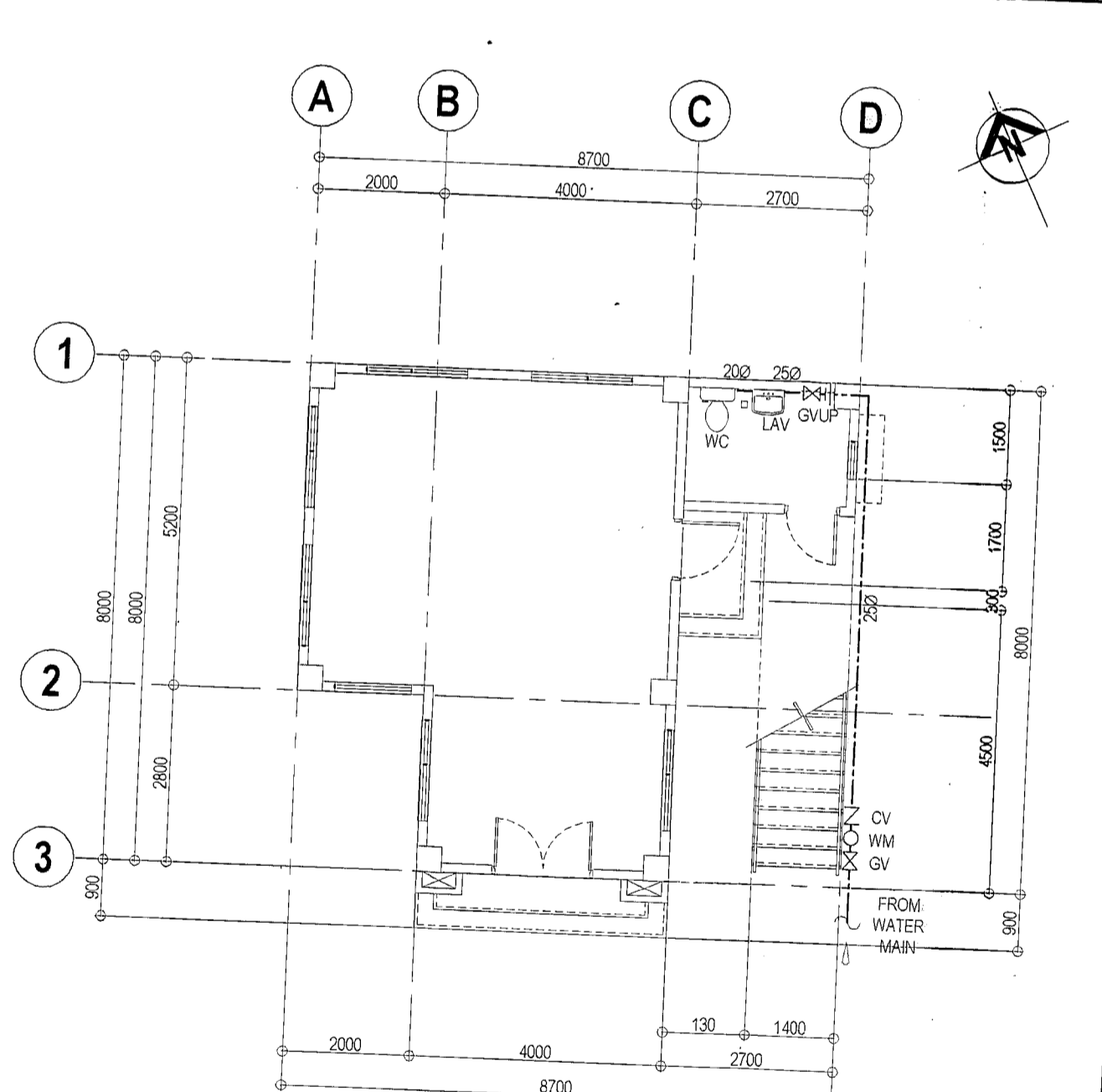
**5 SANITARY & STORM DRAIN ISOMETRIC DIAGRAM** SCALE 1:100 METERS



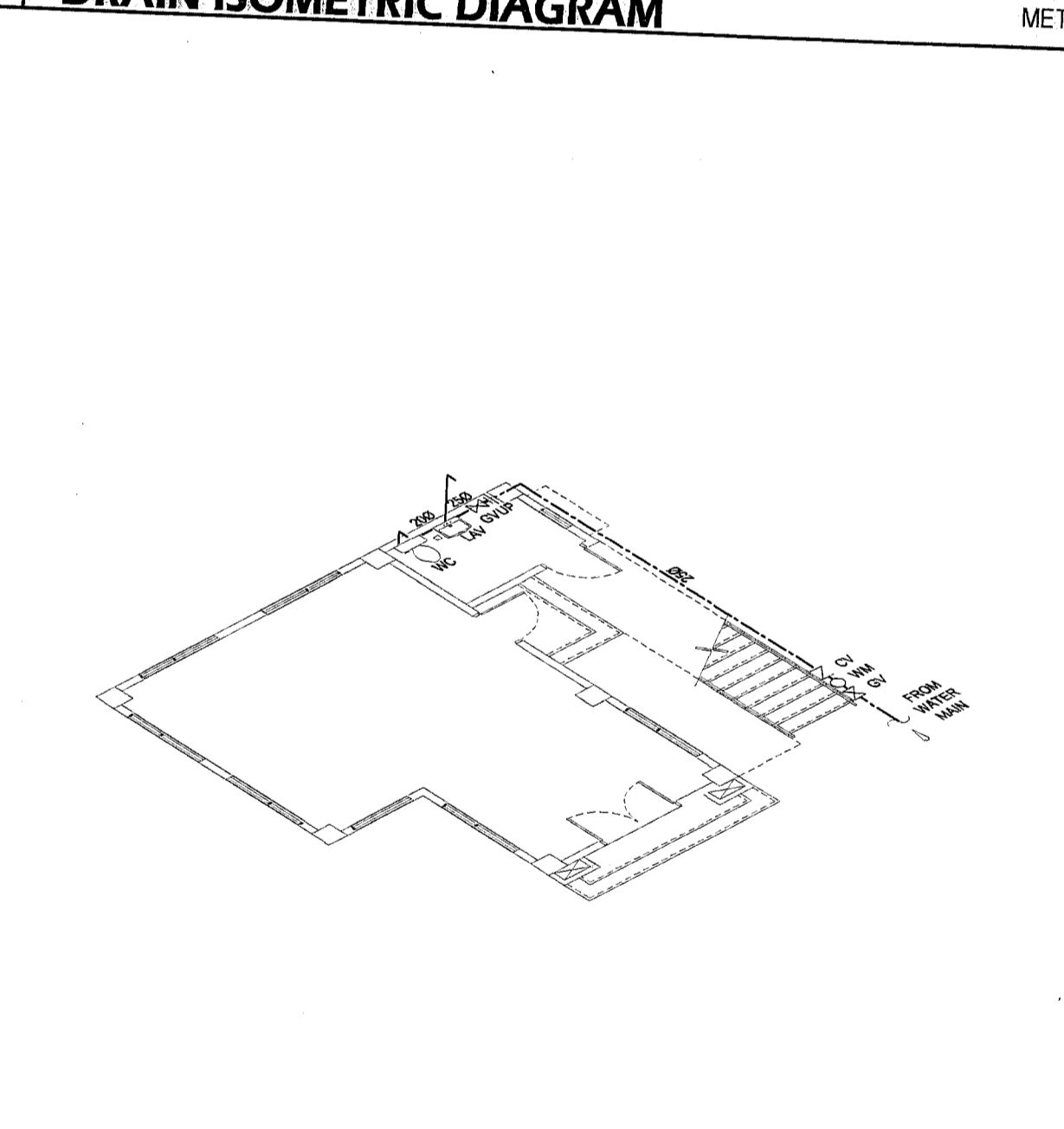
**PLAN**



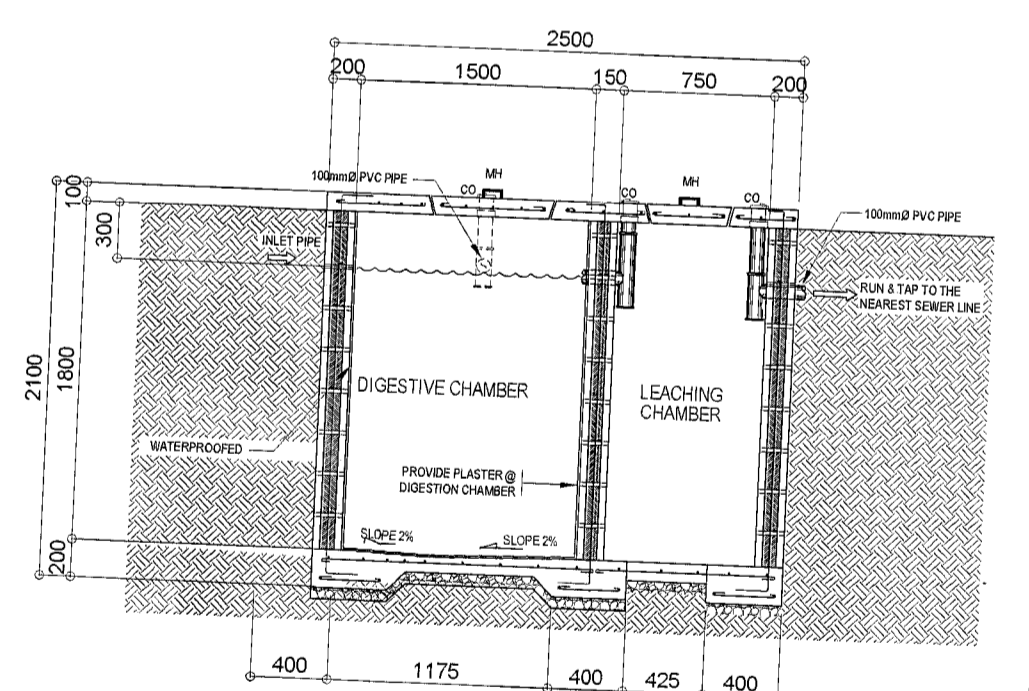
**3 ROOF DRAIN LAYOUT** SCALE 1:100 METERS



**4 GROUND FLOOR WATERLINE LAYOUT** SCALE 1:100 METERS



**6 WATERLINE ISOMETRIC DIAGRAM** SCALE 1:100 METERS



**SECTION**

**7 SEPTIC TANK DETAIL** SCALE 1:20 METERS

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

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RECOMMENDING APPROVAL  
 APPROVED BY:  
 ARCH. **LUCILLE H. CHUA, fuap, piep**  
 CITY ARCHITECT  
 ENGR. **SAGANI R. VERSOZA, JR**  
 OIC, CITY ENGINEER

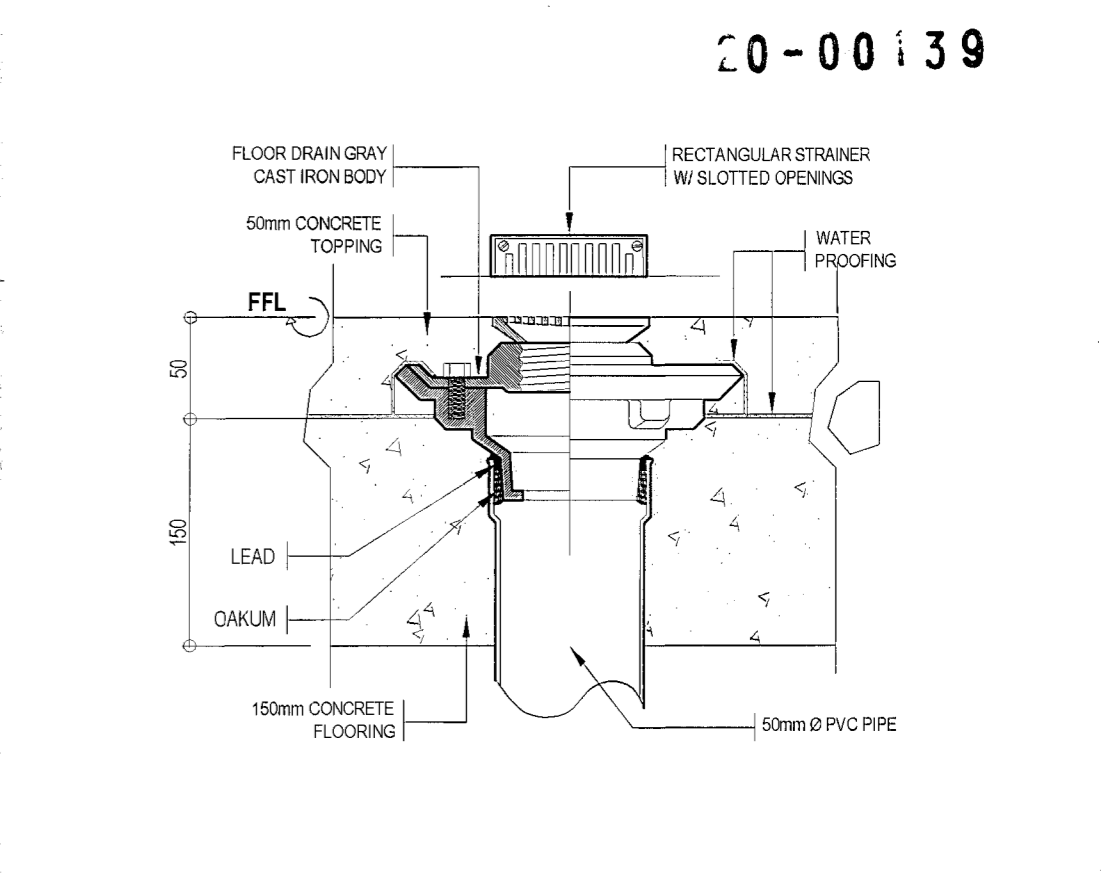
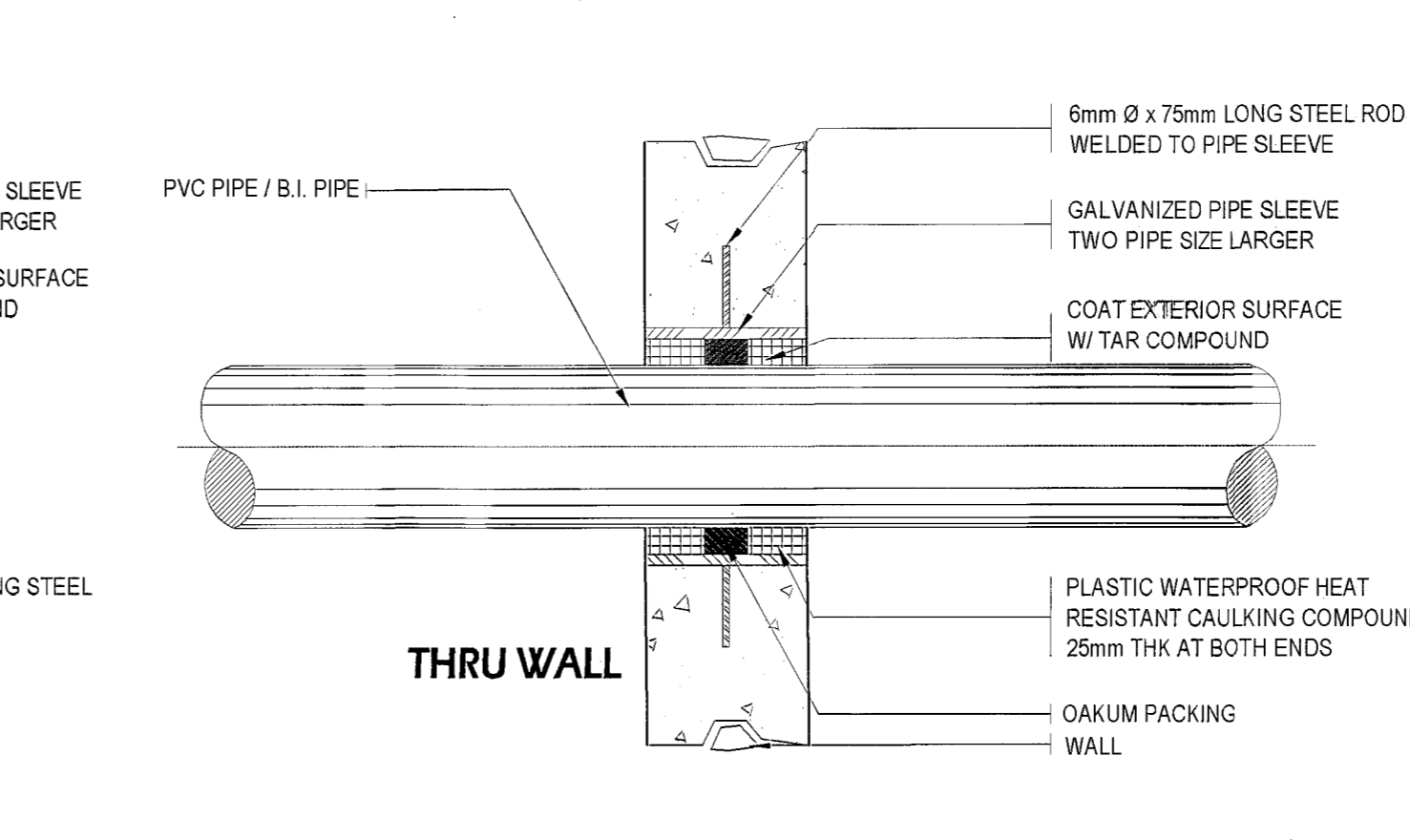
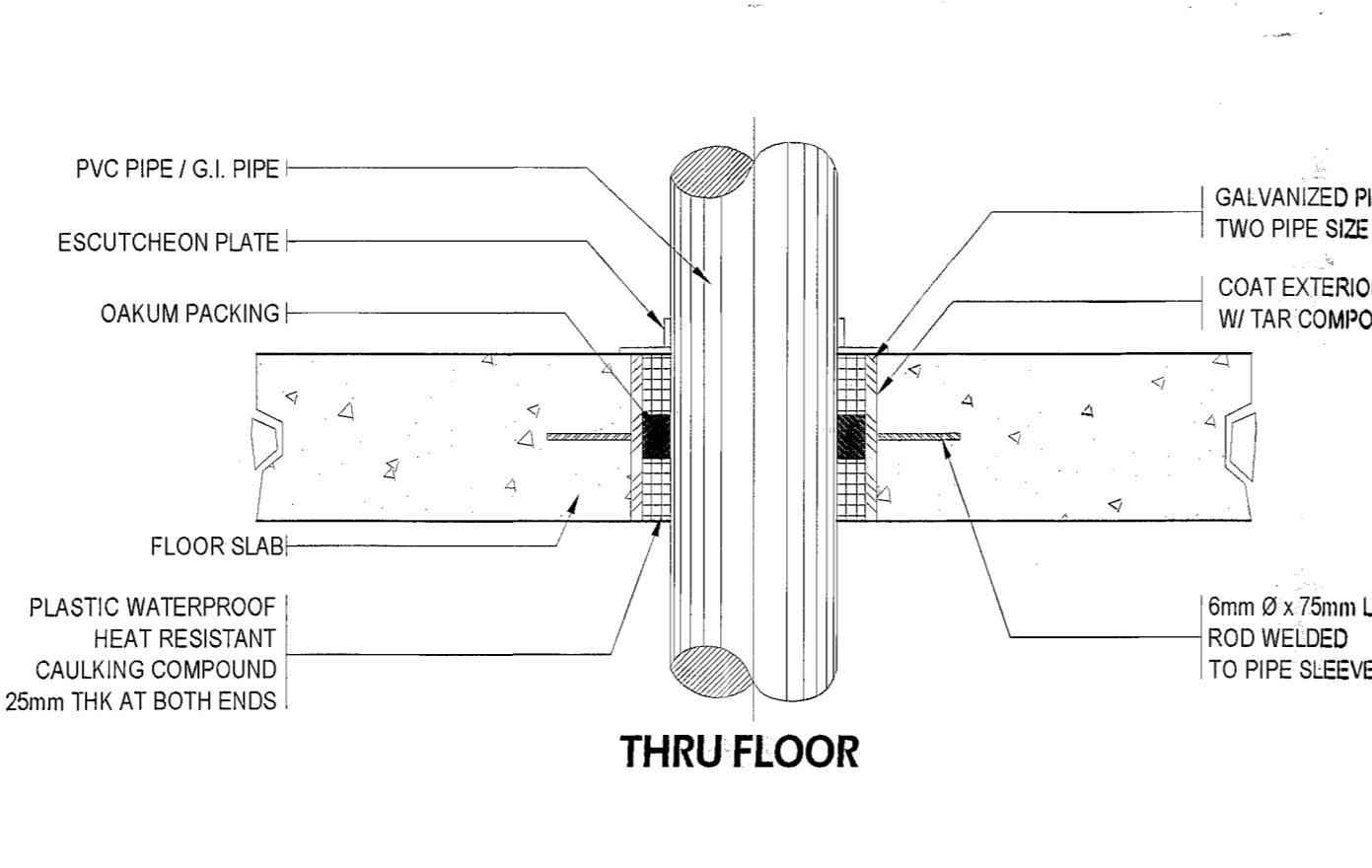
APPROVED BY:  
 HON. **MA. JOSEFINA G. BELMONTE**  
 CITY MAYOR

PROJECT TITLE:  
**PROPOSED CONSTRUCTION OF  
 MULTI - PURPOSE BUILDING AT  
 BRGY. NAGKAISANG NAYON**  
 LOCATION: BGY. NAGKAISANG NAYON, QUEZON CITY

SHEET CONTENTS:  
 GROUND FLOOR SANITARY & STORM  
 DRAINAGE LAYOUT  
 SECOND FLOOR STORM DRAIN LAYOUT  
 ROOF DRAIN LAYOUT  
 GROUND FLOOR WATER LINE LAYOUT  
 ISOMETRIC DIAGRAM  
 SEPTIC TANK DETAIL

PROJECT NO.:  
 DATE: March 2020  
 DRAWN BY: AR.P.N.B.  
 DESIGNED BY: ENGR. E.R.SIBUCAO  
 CHECKED BY: AR. M.H.BALADJAY  
**PL-02**

- 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.
- 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.
- PROPOSED SANITARY UTILITIES SHALL CONFORM TO ACTUAL LOCATION, DEPTH AND INVERT ELEVATION OF ALL EXISTING PIPES & STRUCTURES.
- ALL WATER SUPPLY PIPES & DRAIN SIZES OF FIXTURES SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATION.
- TESTING OF SANITARY AND WATERLINES SHALL CONFORM TO THE LATEST REQUIREMENTS OF PHILIPPINE PLUMBING CODE AND UNIFORM PLUMBING CODE.
- ALL PIPES SIZES AND DIMENSIONS ARE IN MILLIMETER UNLESS OTHERWISE SPECIFIED.
- WATERLINE SHALL BE PPR TYPE OR FUSION WELD TYPE.
- SOIL PIPE, WASTE & VENT SHALL BE PVC SANIMOLD EXTRA OR APPROVAL EQUAL STORM DRAINAGE LINE 200mmØ AND BELOW SHALL BE POLYVINYL CHLORIDE 250mmØ AND ABOVE SHALL BE REINFORCED CONCRETE PIPE.
- GATE VALVE SHALL BE PPR TYPE.
- WATER METER SHALL BE ANY ANY BRAND APPROVE BY MWSS.
- WATER CLOSET SHALL BE VITREOUS CHINA, FREE STANDING TOILET COMBINATION, 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.
- WHERE INDICATED ON PLANS, THE COUNTER TOP MODEL MAKE AND COLOR SHALL BE APPROVED BY THE DESIGNING ARCHITECT.
- GRAB BARS SHALL BE MADE OF TUBULAR STAINLESS STEEL PIPE PROVIDED WITH SAFETY GRIP AND MOUNTING FLANGE.
- FLOOR DRAINS SHALL BE MADE OF STAINLESS STEEL BEEHIVE TYPE, MEASURING 10cm X 10cm AND PROVIDED WITH DETACHABLE STAINLESS STRAINER, EXPANDED METAL LATH TYPE.
- HOSE BIBB SHALL BE MADE OF BRONZE CAST FINISH.
- URINAL SHALL BE WASH DOWN TYPE, STALL OR PEDESTAL.
- LAVATORY SHALL BE REINFORCED CONCRETE WITH 300 X 300 mm GLAZED CERAMIC TILES



### 3 PIPE SLEEVE DETAIL

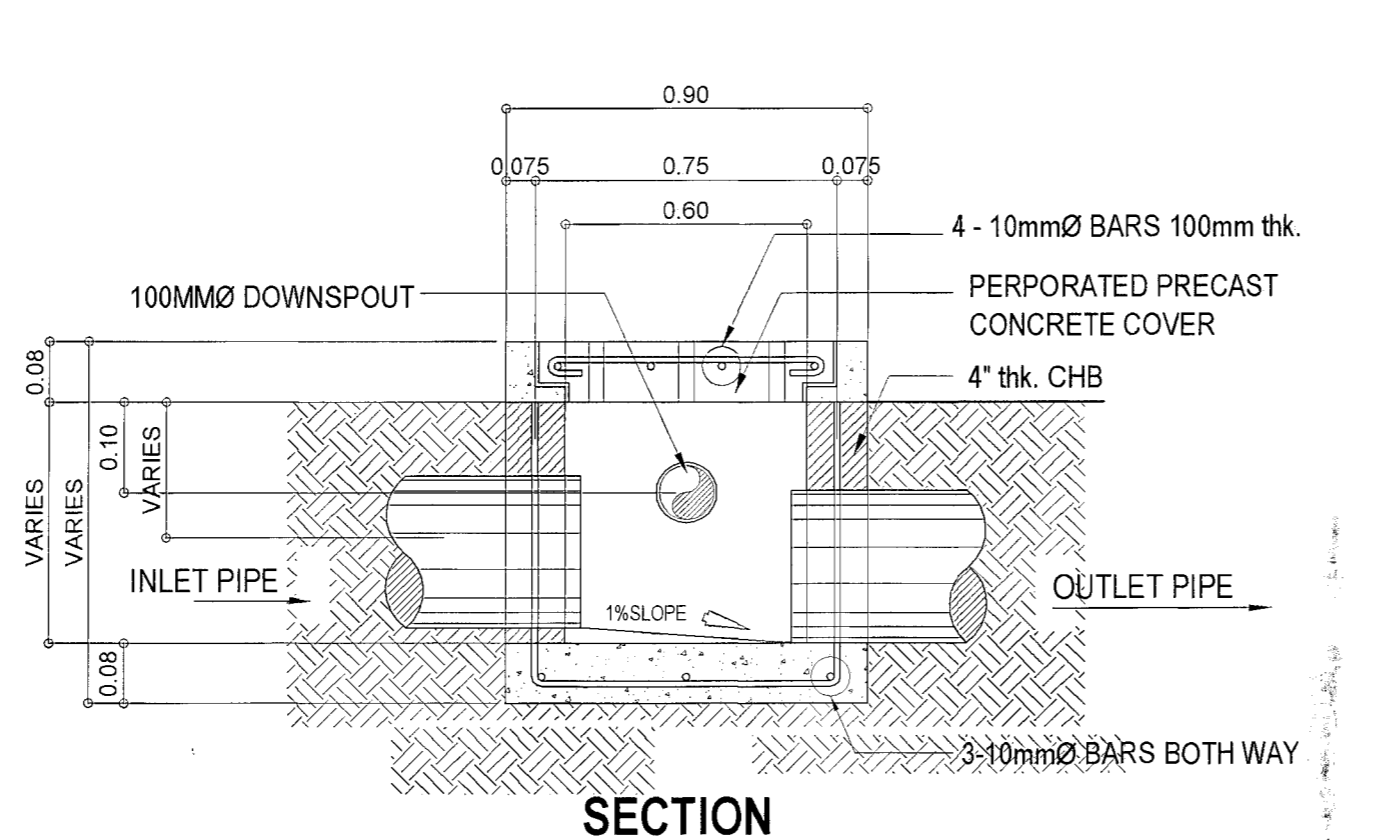
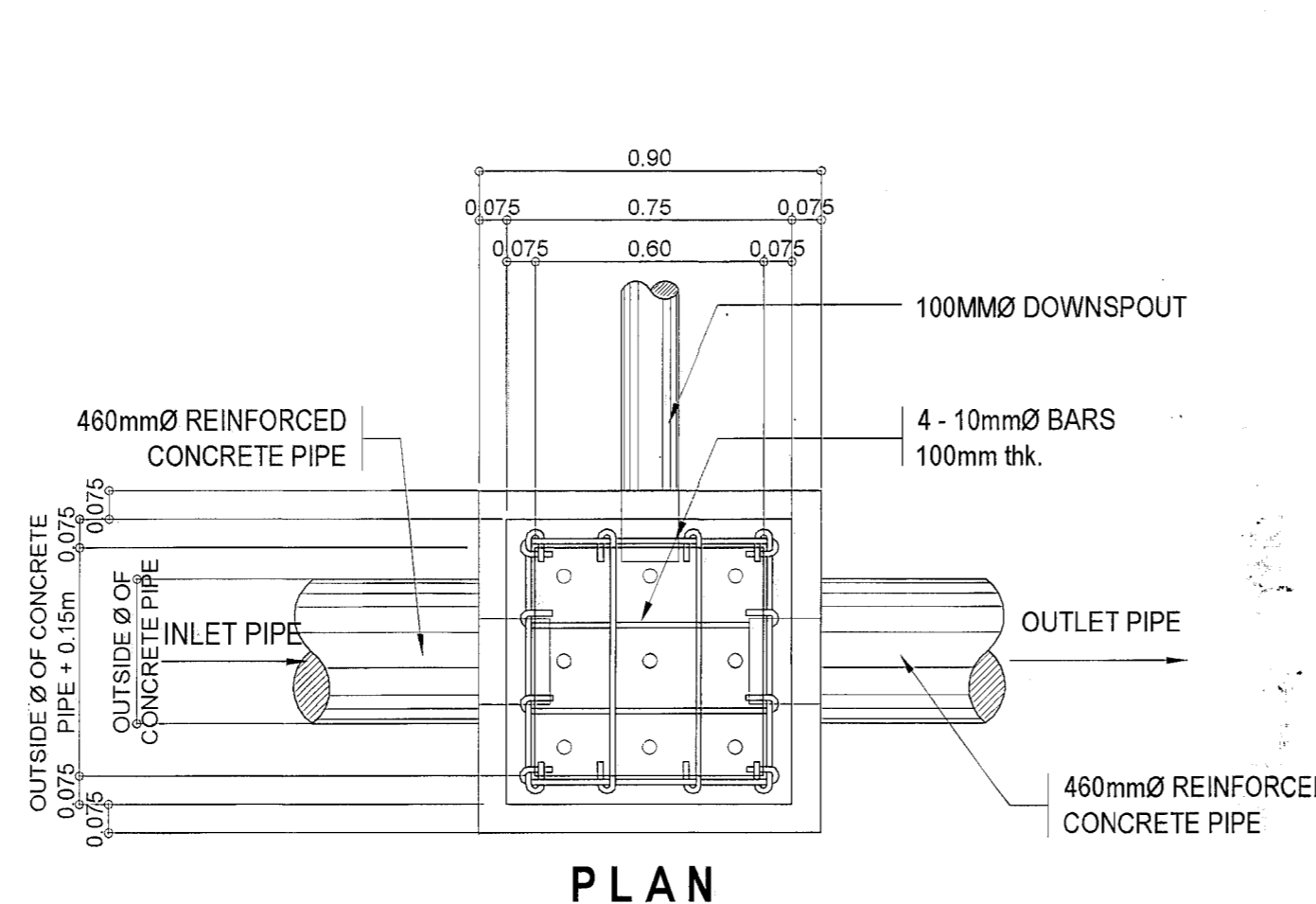
NTS

### 6 FLOOR DRAIN DETAIL

NTS

### 1 GENERAL NOTES

	UNION PATENT	mm	MILLIMETER
	CHECK VALVE	UR	URINAL
	WASTE LINE	GV	GATE VALVE
	WATER LINE	GIP	GALVANIZED IRON PIPE
	RAIN WATER LINE	PVC	POLYVINYL CHLORIDE
	GATE VALVE	WC	WATER CLOSET
	WATER METER	LAV	LAVATORY
	PIPE DOWN	SP	SOIL PIPE
	PIPE UP	MH	MANHOLE
	DIRECTION OF FLOW / SLOPE	GCO	GROUND CLEANOUT
	STORM DRAIN LINE	FCO	FLOOR CLEANOUT
	VENT LINE	FD	FLOOR DRAIN
	BUILDING SEWER	Ø	DIAMETER
	BUILDING DRAIN	WS	WASTE STACK
	WASTE PIPE	SS	SOIL STACK
	AREA DRAIN / CATCH BASIN	VS	VENT STACK
	HOSE BIBB	VTR	VENT THRU ROOF
	CEILING CLEANOUT	CWR	COLD WATER RISER
	SINK	F	FAUCET
	END CAP	PP	PERFORATED PIPE



#### 1. GALVANIZED CLEVIS HANGER

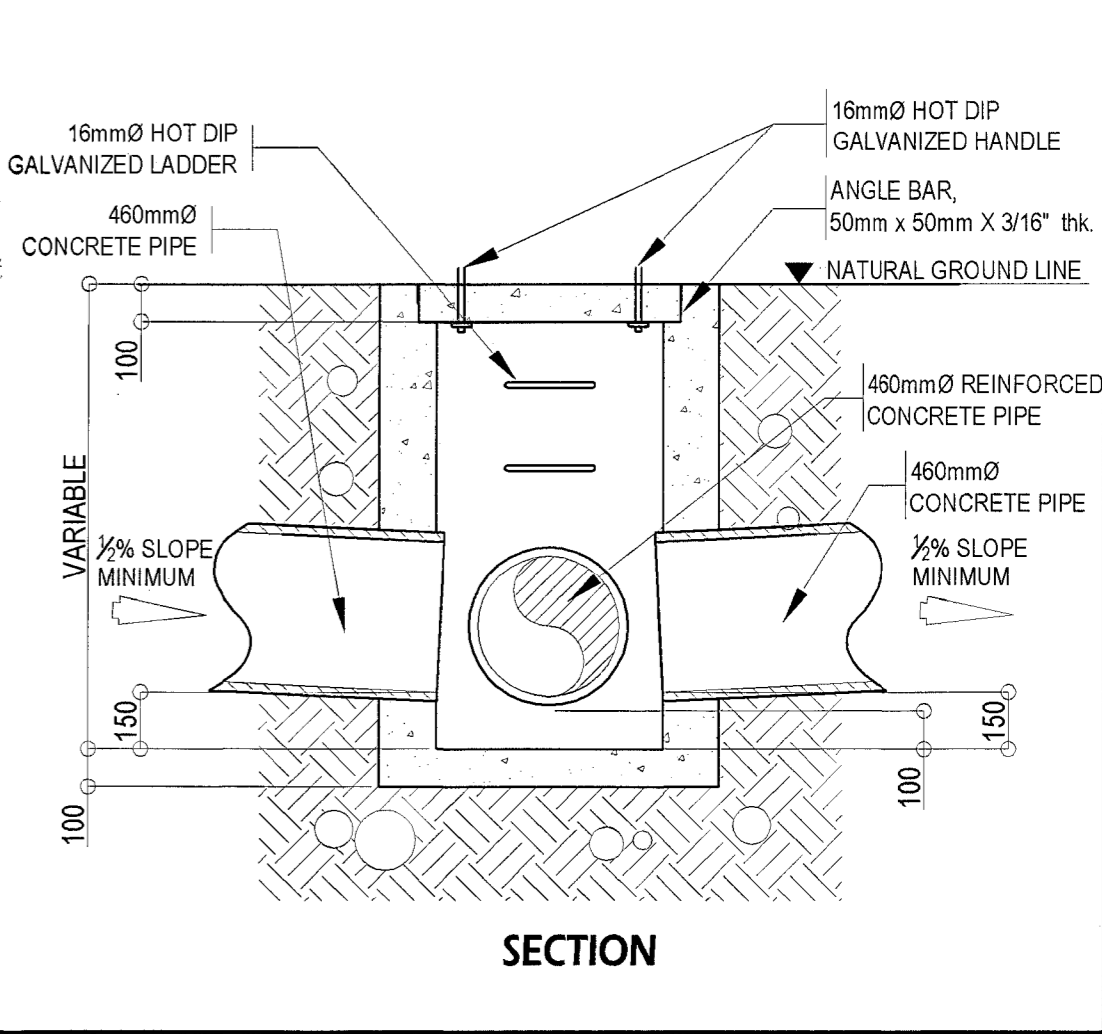
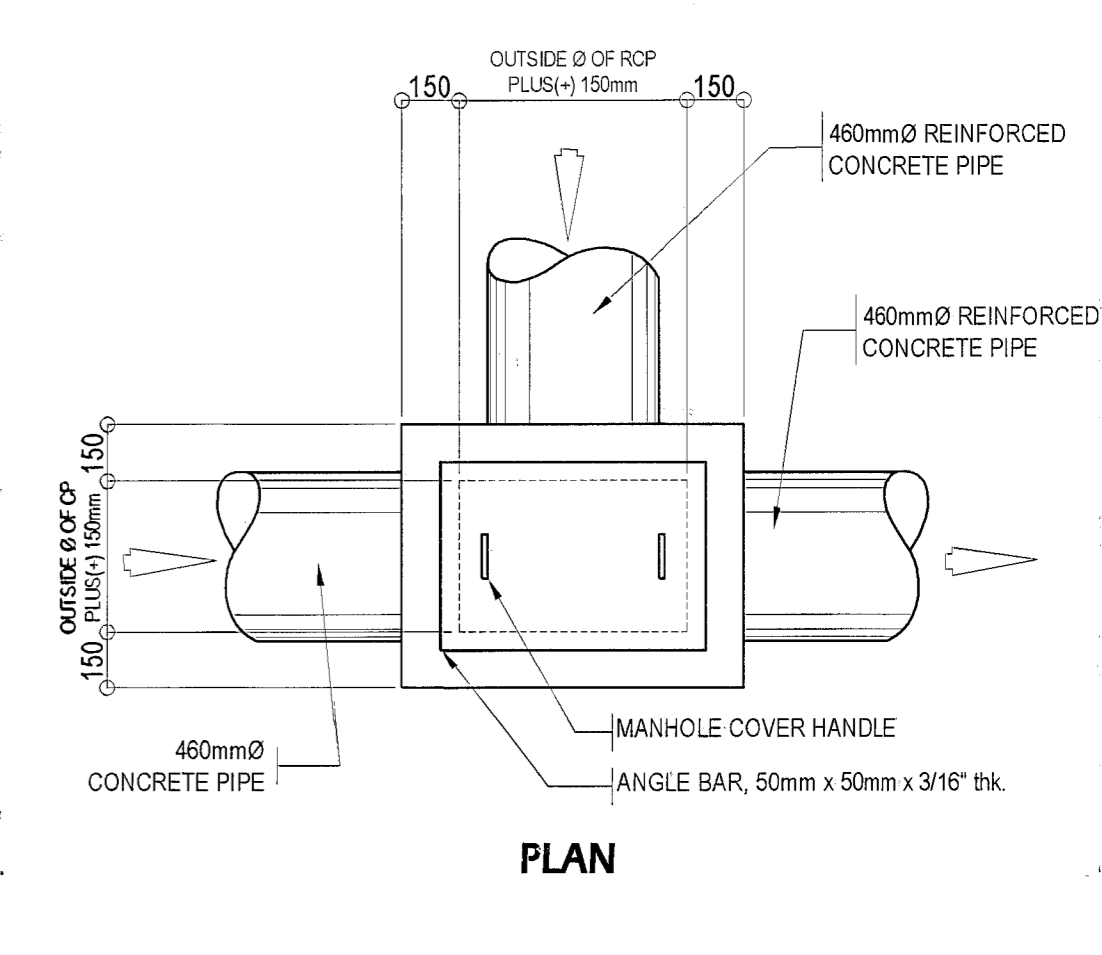
TECHNICAL DIMENSION

NOMINAL PIPE SIZE	HT	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	37.00	10.00	5.20	2.10	65.00	610
2 1/2	137.20	80.80	43.00	13.50	8.30	3.00	80.00	1130
3	155.00	96.00	45.50	13.50	8.30	3.00	94.00	1130
4	197.00	135.00	49.00	16.00	8.30	3.00	116.30	1430
6	247.00	182.00	55.50	19.50	11.00	4.00	117.60	1940
8	323.00	235.00	76.00	23.50	14.00	4.20	226.00	2000
10	414.00	291.00	108.00	24.00	17.00	5.50	284.00	3800
12	475.00	343.00	112.50	24.00	17.00	6.00	345.00	3800

#### 2. GALVANIZED LOOP HANGER

TECHNICAL DIMENSION

NOMINAL PIPE SIZE	WT	S	HT	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	650
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



### 2 LEGENDS AND SYMBOLS

### 4 AREA DRAIN/CATCH BASIN DETAIL

### 5 PIPE HANGER DETAIL

### 7 MANHOLE DETAIL

<p>Republika ng Pilipinas Lungsod ng Quezon <b>CITY ARCHITECT DEPARTMENT</b> 5/F CIVIC CENTER - D (BRD. Bldg), QUEZON CITY HALL COMPOUND, ELLIPTICAL ROAD, DILIMAN, QUEZON CITY</p>	<p>PROVISO:</p> <p>DRAWING AND SPECIFICATIONS DULY SIGNED, STAMPED OR SEALED AS INSTRUMENTS OF SERVICE ARE THE INTELLECTUAL PROPERTY AND DOCUMENTS OF THE CITY ARCHITECT DEPARTMENT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON, WITHOUT THE CONSENT OF THE AUTHOR OF SAID DOCUMENTS TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPRODUCTION OF ANY OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTLY OR IN WHOLE.</p>	<p>RECOMMENDING APPROVAL</p> <p>ARCH. LUCILLE H. CHUA, fuap, piep CITY ARCHITECT</p>	<p>APPROVED BY:</p> <p>ENGR. ISAGANI R. VERSOZA, JR OIC, CITY ENGINEER</p>	<p>APPROVED BY:</p> <p>HON. MA. JOSEFINA G. BELMONTIE CITY MAYOR</p>	<p>PROJECT TITLE:</p> <p><b>PROPOSED CONSTRUCTION OF MULTI - PURPOSE BUILDING AT BRGY. NAGKAISANG NAYON</b></p> <p>LOCATION: BGY. NAGKAISANG NAYON, QUEZON CITY</p>	<p>SHEET CONTENTS:</p> <p>GENERAL NOTES LEGENDS AND SYMBOLS PIPE SLEEVE DETAIL AREA DRAIN/CATCH BASIN DETAIL PIPE HANGER DETAIL FLOOR DRAIN DETAIL MANHOLE DETAIL</p>	<p>PROJECT NO.:</p> <p>DATE: March 2020 DRAWN BY: AR.P.N.B DESIGNED BY: ENGR. E.R.SIBUCAO CHECKED BY: AR. M.H.BALADJAY</p>	<p>SHEET NO.:</p> <p><b>PL-01</b></p>
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