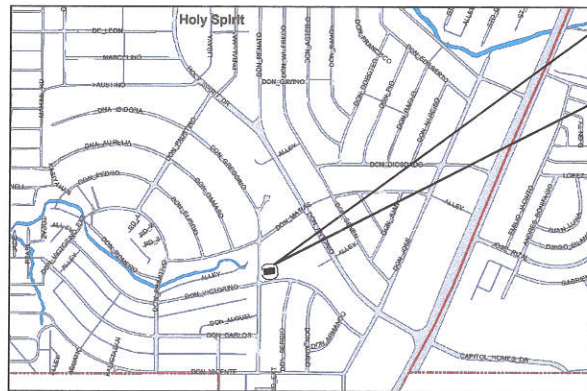




EXTERIOR PERSPECTIVE



THE SITE

2 VICINITY MAP
A-1 SCALE NTS.

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20-00143

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Republika ng Pilipinas
Lungsod ng Quezon
CITY ENGINEERING DEPARTMENT

PROJECT TITLE :

CONSTRUCTION OF PROPOSED
DIRTY KITCHEN AND LAUNDRY
AREA

PROJECT TITLE : BARANGAY HOLY SPIRIT, DISTRICT 2, QUEZON CITY

DRAWN BY:

DATE:

CHECKED BY: JAN

REVISION NO.:

SUBMITTED BY:

ENGR. LEO S. DEL ROSARIO
HEAD, PLANNING & PROGRAMMING DIVISION

RECOMMENDING APPROVAL:

ENGR. SAGAMI R. VERZOSA, JR.
C.C. CITY ENGINEERING DEPARTMENT

APPROVED BY:

HON. MA. JOSEFINA G. BELMONTE
CITY MAYOR, QUEZON CITY

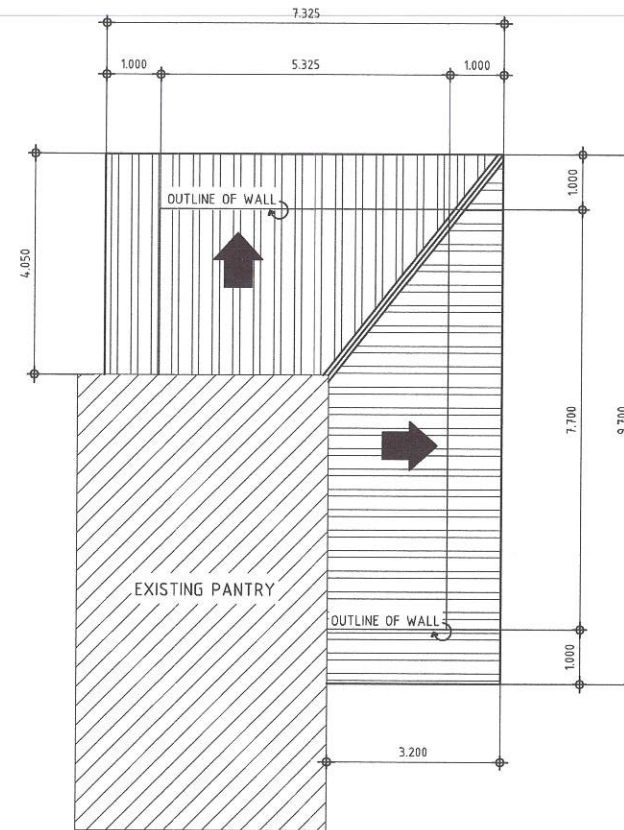
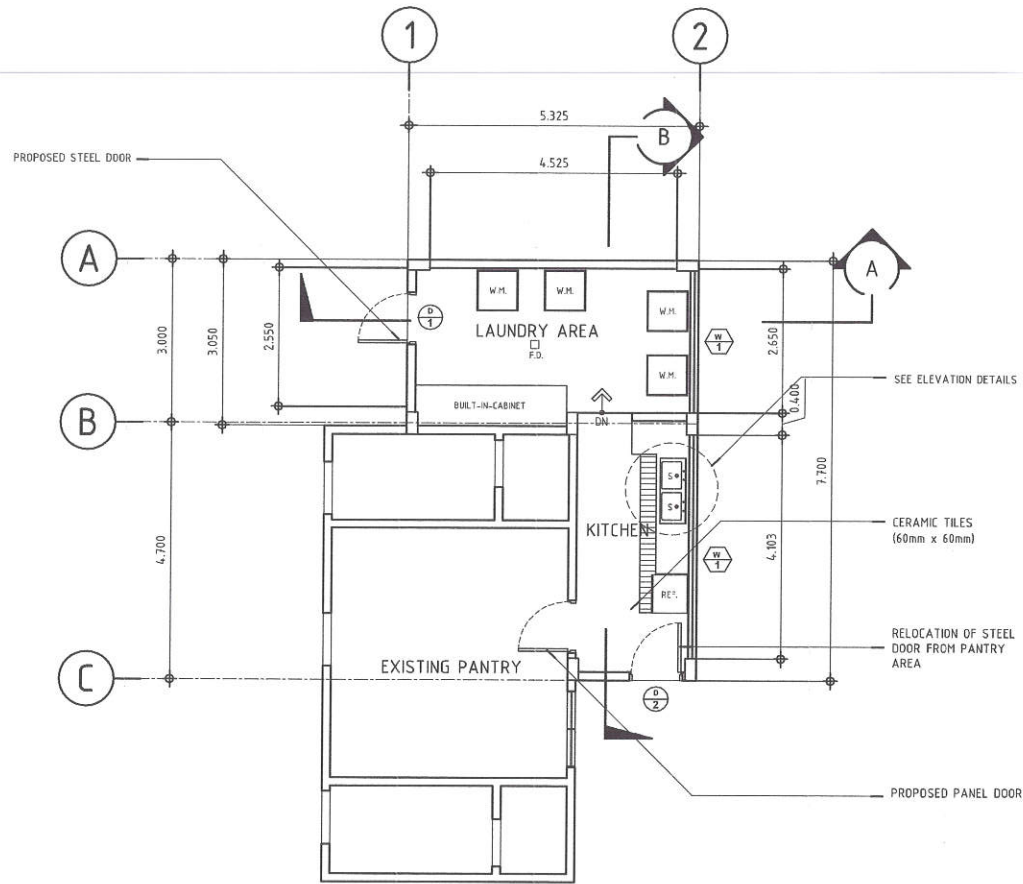
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EXTERIOR PERSPECTIVE
VICINITY MAP

SHEET NO.


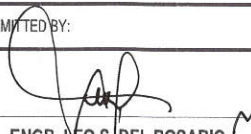


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20-00143

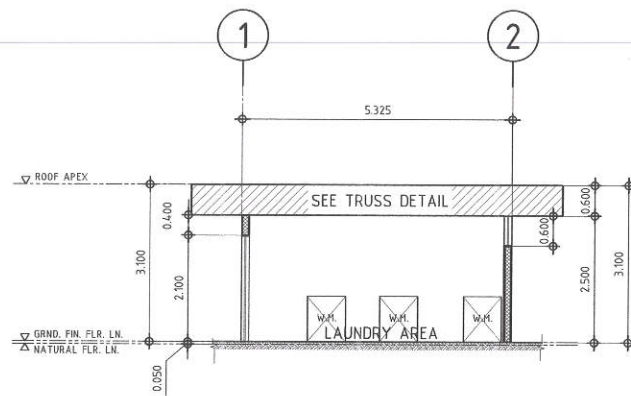


1 FLOOR PLAN
A-2 SCALE 1:10m

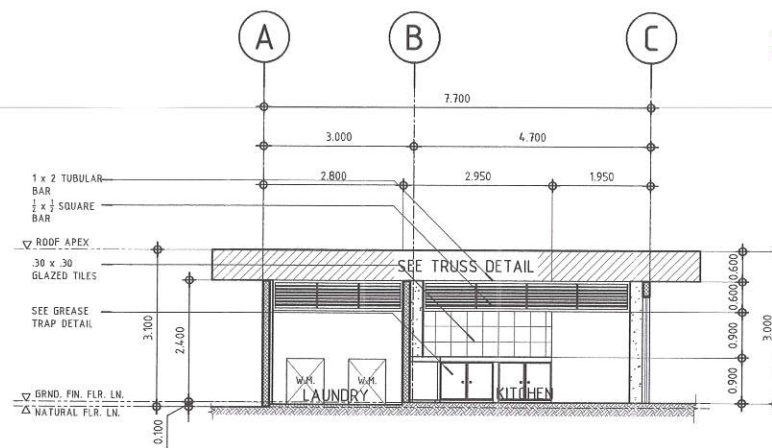
2 ROOF PLAN
A-2 SCALE 1:10m

 <p>Republika ng Pilipinas Lungsod ng Quezon CITY ENGINEERING DEPARTMENT</p>	PROJECT TITLE:	DRAWN BY:	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	SHEET CONTENT	SHEET NO.
	CONSTRUCTION OF PROPOSED DIRTY KITCHEN AND LAUNDRY AREA	DATE:				FLOOR PLAN ROOF PLAN	AR 02
	PROJECT TITLE: BARANGAY HOLY SPIRIT, DISTRICT 2, QUEZON CITY	CHECKED BY:	ENGR. LEO S. DEL ROSARIO HEAD, PLANNING & PROGRAMMING DIVISION	ENGR. ISAGANI R. VERZOSA, JR. CIC, CITY ENGINEERING DEPARTMENT	HON. MA. JOSEFINA G. BELMONTE CITY MAYOR, QUEZON CITY		
	REVISION NO.:						

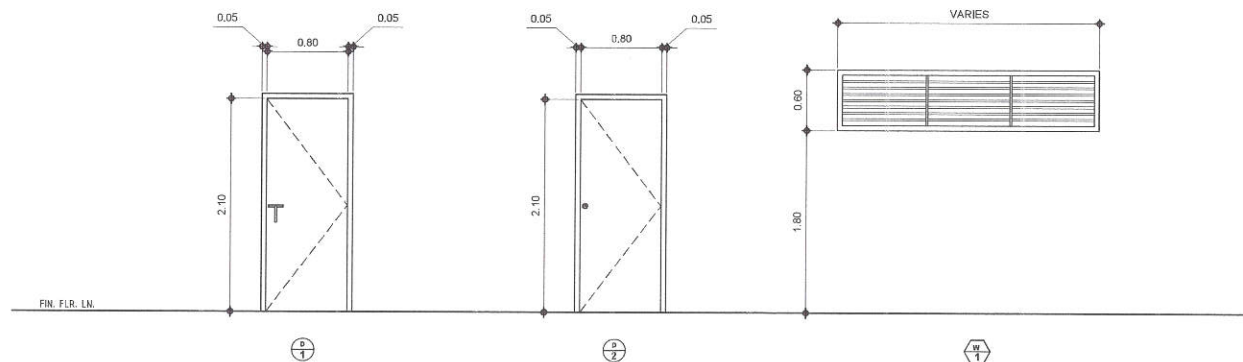
20-00143



1 SECTION THRU-A
A-3 SCALE 1:10m



2 SECTION THRU-B
A-3 SCALE 1:10m



TYPE: PLATE DOOR
DESCRIPTION:
QUANTITY: 2 SETS
LOCATION: KITCHEN & LAUNDRY AREA

TYPE: PANEL DOOR
DESCRIPTION:
QUANTITY: 1 SET
LOCATION: EXISTING PANTRY

TYPE: STEEL CASEMENT WINDOW
DESCRIPTION: 100mm x 50mm THK. TUBULAR BAR FRAME
QUANTITY: 2 SETS
LOCATION: KITCHEN AND LAUNDRY AREA

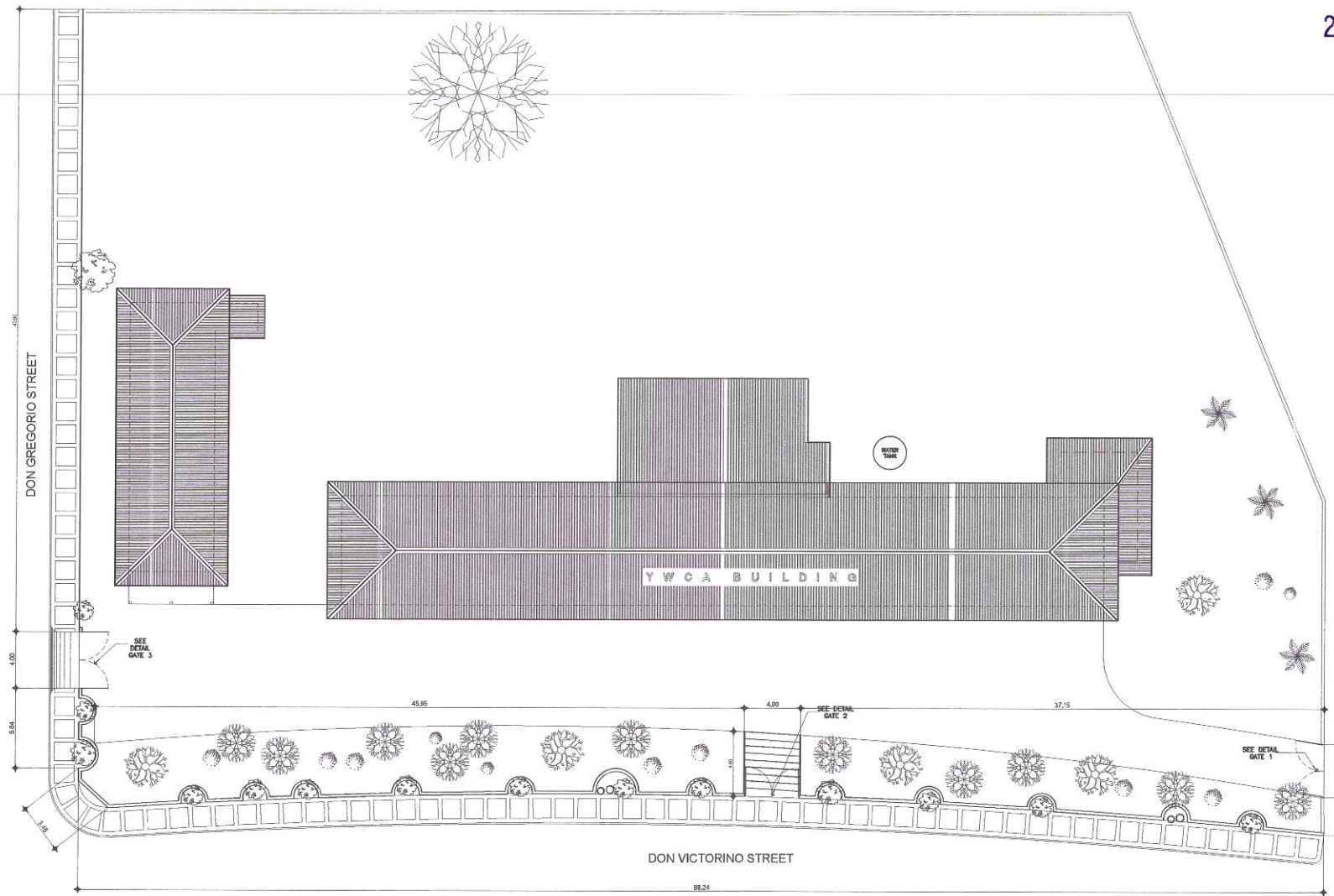
3 SCHEDULE OF DOORS AND WINDOWS
A-3 SCALE 1:5m



Republika ng Pilipinas
Lungsod ng Quezon
CITY ENGINEERING DEPARTMENT

PROJECT TITLE :	DRAWN BY:	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	SHEET CONTENT	SHEET NO.
CONSTRUCTION OF PROPOSED DIRTY KITCHEN AND LAUNDRY AREA	DATE:	ENGR. LEQ S. DEL ROSARIO HEAD, PLANNING & PROGRAMMING DIVISION	ENGR. ISAGANI R. VERZOSA, JR. CITY ENGINEERING DEPARTMENT	HON. MA. JOSEFINA G. BELMONTE CITY MAYOR, QUEZON CITY	SECTION THRU-A SECTION THRU-B	AR 03
	CHECKED BY: JAN					
PROJECT TITLE : BARANGAY HOLY SPIRIT, DISTRICT 2, QUEZON CITY						

20-00143



1 SITE DEVELOPMENT PLAN

SCALE:1:300m.



Republika ng Pilipinas
Lungsod ng Quezon
CITY ENGINEERING DEPARTMENT

PROJECT TITLE :
**REHABILITATION OF CENTRAL KITCHEN
CONCRETE PATHWALK, PAVEMENT &
CONST. OF FENCE AT YWCA COMPOUND**

LOCATION: BARANGAY HOLY SPIRIT, DISTRICT 2, QUEZON CITY

DRAWN BY : mmr/BRGZ

DATE : OCT. 19, 2020

CHECKED BY: *JAN*

REVISION NO.:

SUBMITTED BY:

LED
ENGR. LEO S. DEL ROSARIO
HEAD, PLANNING & PROGRAMMING DIVISION

RECOMMENDING APPROVAL :

IS
ENGR. ISAGANI R. VERZOSA, JR.
OIC, CITY ENGINEERING DEPARTMENT

APPROVED BY :

MA
HON. MA. JOSEFINA G. BELMONTE
CITY MAYOR, QUEZON CITY

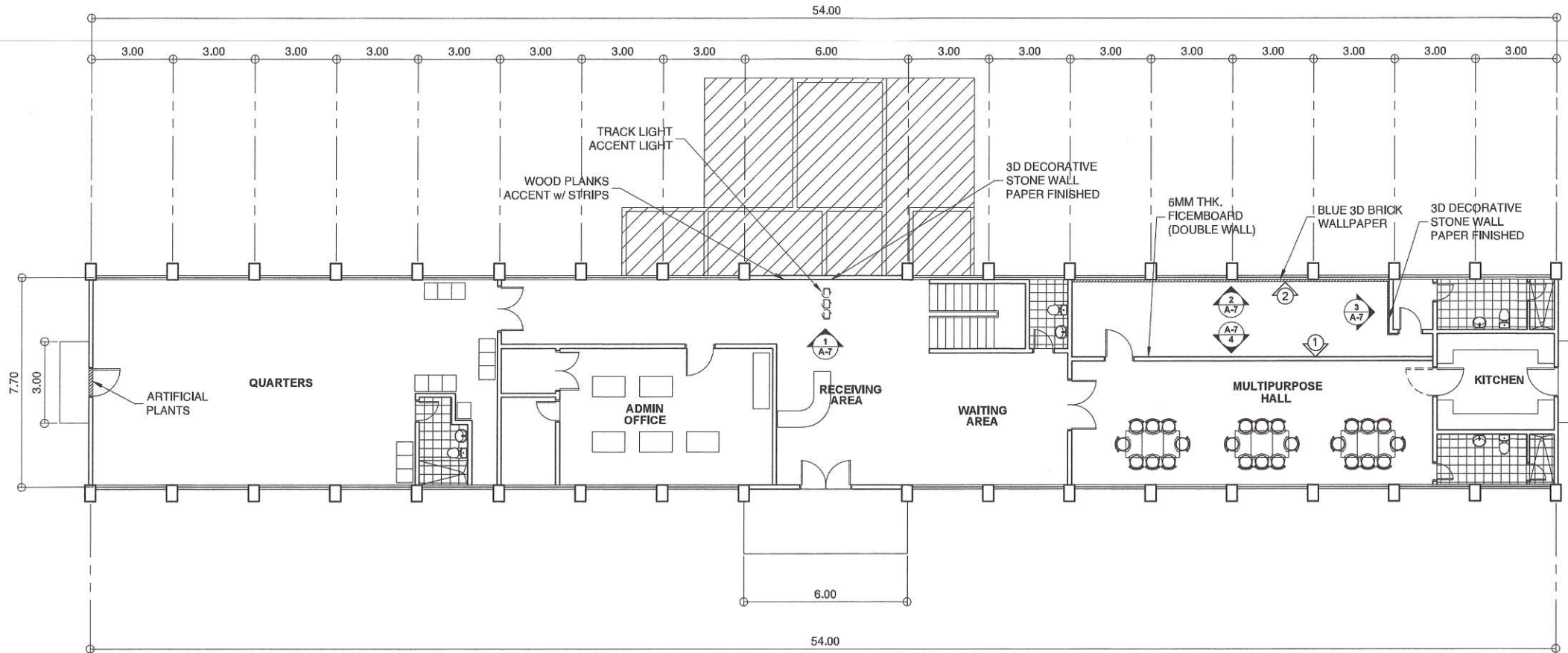
SHEET CONTENT

SITE DEVELOPMENT
PLAN

SHEET NO.

**AR
04**

20-00143



LEGEND

- ① MULTICOLORED
- ② YELLOW
- ③ GREEN
- ④ ORANGE

1
2

GROUND FLOOR PLAN

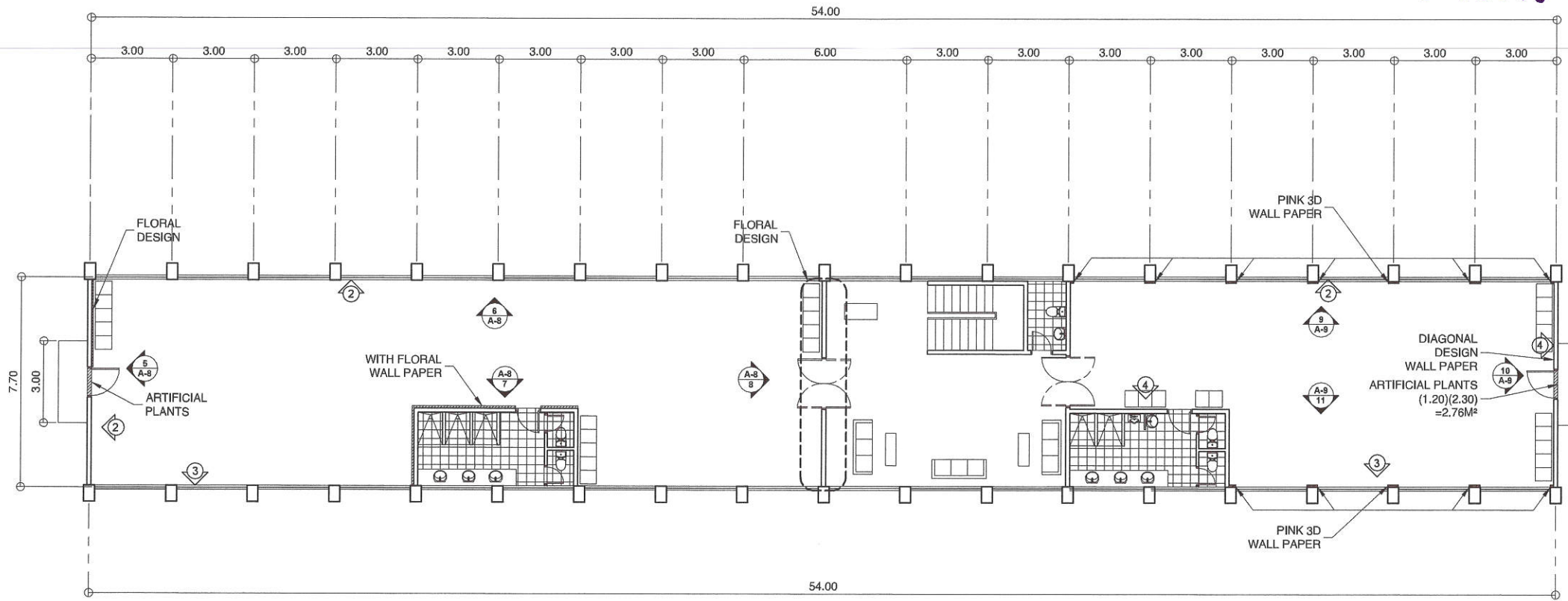
SCALE 1:150M.



Republika ng Pilipinas
Lungsod ng Quezon
CITY ENGINEERING DEPARTMENT

PROJECT TITLE :	DRAWN BY : YEN	SUBMITTED BY :	RECOMMENDING APPROVAL :	APPROVED BY :	SHEET CONTENT	SHEET NO.
CONSTRUCTION OF PROPOSED DIRTY KITCHEN AND LAUNDRY AREA	DATE : OCT. 19, 2020	 ENGR. LEO S. DEL ROSARIO HEAD, PLANNING & PROGRAMMING DIVISION	 ENGR. ISAGANI R. VERZOSA, JR. OIC, CITY ENGINEERING DEPARTMENT	 HON. MA. JOSEFINA G. BELMONTE CITY MAYOR, QUEZON CITY		AR 05
	CHECKED BY :					
LOCATION: BARANGAY HOLY SPIRIT, DISTRICT 2, Q.C.						

20-00143



LEGEND

- ① MULTICOLORED
- ② YELLOW
- ③ GREEN
- ④ ORANGE

1
2

SECOND FLOOR PLAN

SCALE 1:150M.



Republika ng Pilipinas
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CITY ENGINEERING DEPARTMENT

PROJECT TITLE :
CONSTRUCTION OF PROPOSED DIRTY KITCHEN AND LAUNDRY AREA
LOCATION: BARANGAY HOLY SPIRIT, DISTRICT 2, Q.C.

DRAWN BY : YEN
DATE : OCT. 18, 2020
CHECKED BY :
REVISION NO.:

SUBMITTED BY:

ENGR. LEO S. DEL ROSARIO
HEAD, PLANNING & PROGRAMMING DIVISION

RECOMMENDING APPROVAL :

ENGR. ISAGANI R. VERZOSA, JR.
CIC, CITY ENGINEERING DEPARTMENT

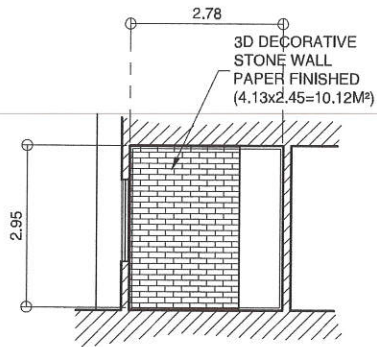
APPROVED BY :

HON. MA. JOSEFINA G. BELMONTE
CITY MAYOR, QUEZON CITY

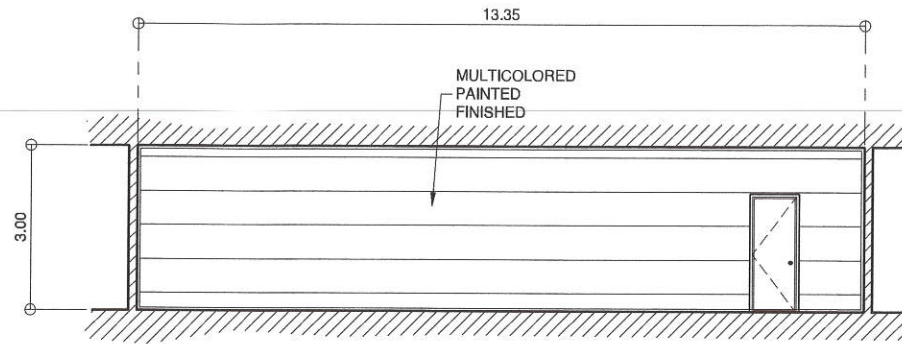
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SHEET NO.
AR 06

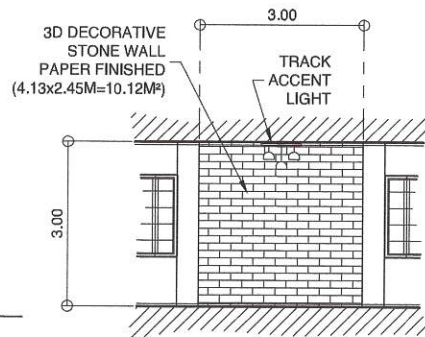
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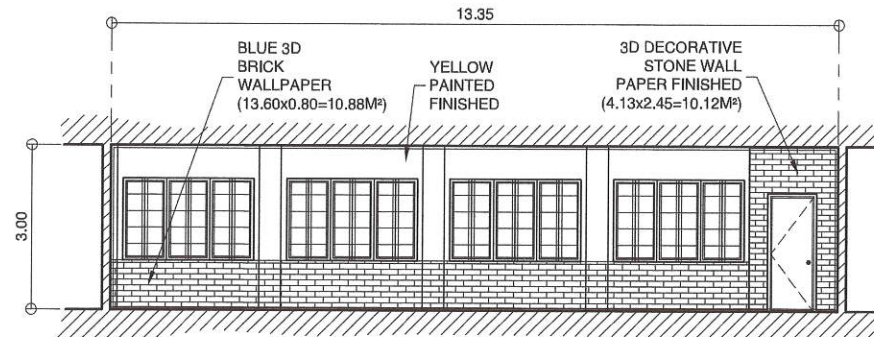
3
A-7
ELEVATION 'C'
SCALE 1:100M.



4
A-7
ELEVATION 'D'
SCALE 1:100M.



1
A-7
ELEVATION 'A'
SCALE 1:100M.



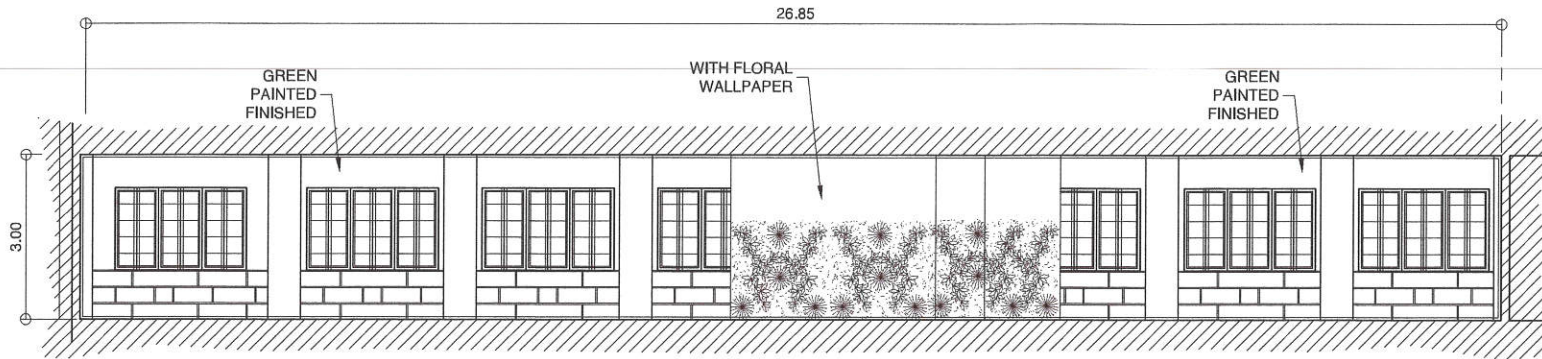
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A-7
ELEVATION 'B'
SCALE 1:100M.



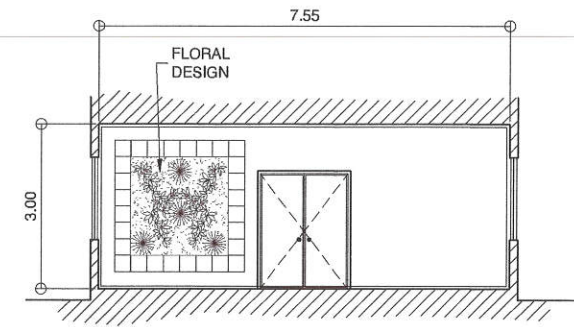
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Lungsod ng Quezon
CITY ENGINEERING DEPARTMENT

PROJECT TITLE :	DRAWN BY : YEN	SUBMITTED BY :	RECOMMENDING APPROVAL :	APPROVED BY :	SHEET CONTENT	SHEET NO.
CONSTRUCTION OF PROPOSED DIRTY KITCHEN AND LAUNDRY AREA	DATE : OCT. 19, 2020					AR 07
	CHECKED BY :					
LOCATION: BARANGAY HOLY SPIRIT, DISTRICT 2, Q.C.	REVISION NO.:					

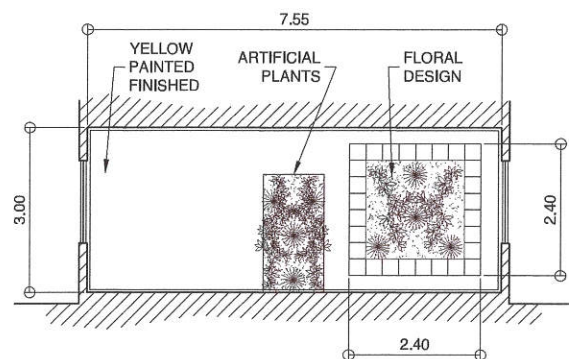
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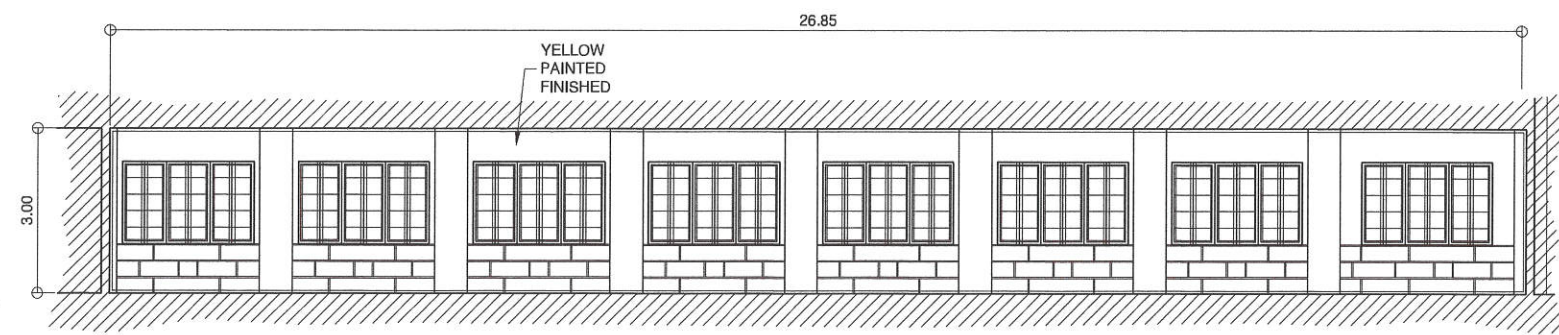
7 **ELEVATION 'G'**
A-8 SCALE 1:100M.



8 **ELEVATION 'H'**
A-8 SCALE 1:100M.



5 **ELEVATION 'E'**
A-8 SCALE 1:100M.



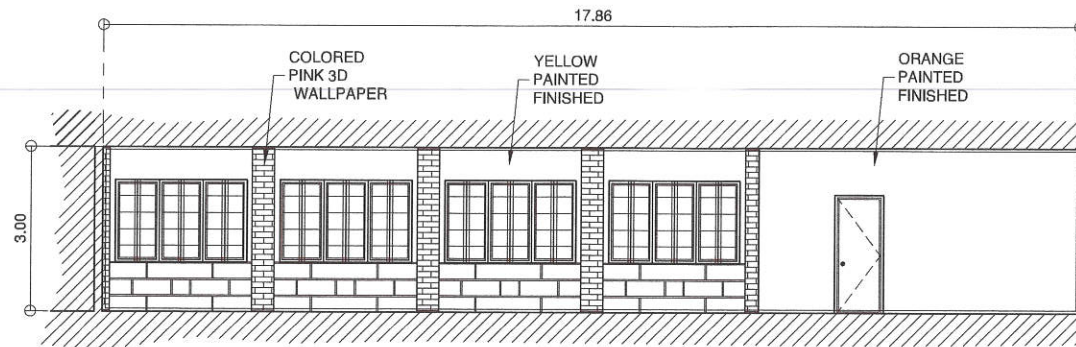
6 **ELEVATION 'F'**
A-8 SCALE 1:100M.



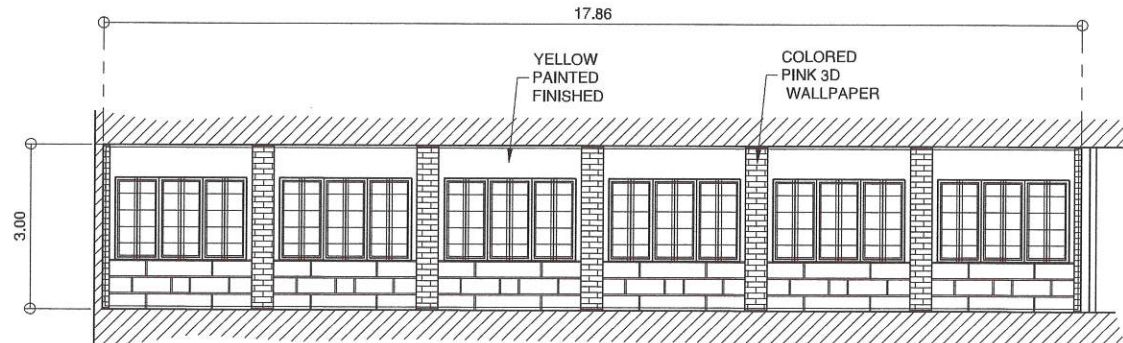
Republika ng Pilipinas
Lungsod ng Quezon
CITY ENGINEERING DEPARTMENT

PROJECT TITLE :	DRAWN BY : YEN	SUBMITTED BY :	RECOMMENDING APPROVAL :	APPROVED BY :	SHEET CONTENT	SHEET NO.
CONSTRUCTION OF PROPOSED DIRTY KITCHEN AND LAUNDRY AREA	DATE : OCT. 19, 2020					AR 08
	CHECKED BY :					
LOCATION: BARANGAY HOLY SPIRIT, DISTRICT 2, Q.C.	REVISION NO.:					

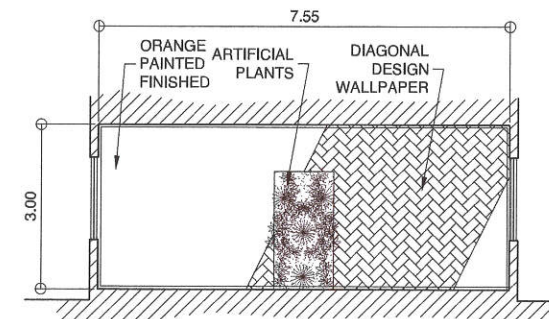
20-00143



11
A-9 **ELEVATION 'K'**
SCALE 1:100M.



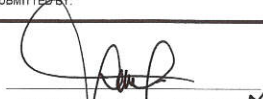

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A-9 **ELEVATION 'I'**
SCALE 1:100M.



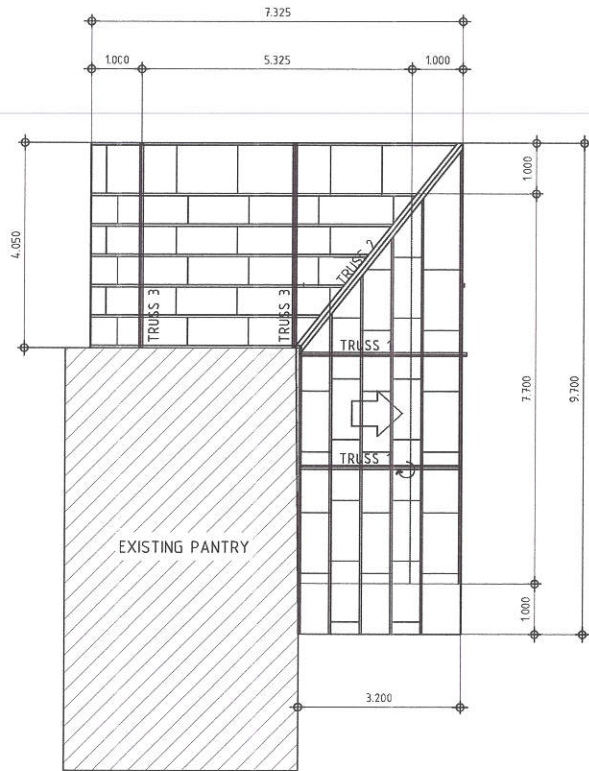
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A-9 **ELEVATION 'J'**
SCALE 1:100M.



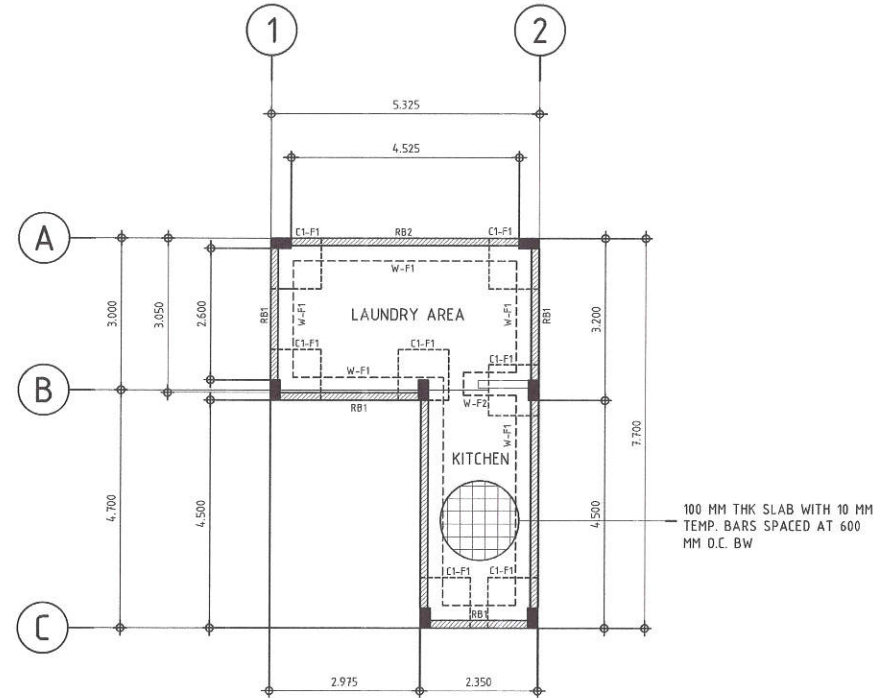
Republika ng Pilipinas
Lungsod ng Quezon
CITY ENGINEERING DEPARTMENT

PROJECT TITLE :	DRAWN BY : YEN	SUBMITTED BY :	RECOMMENDING APPROVAL :	APPROVED BY :	SHEET CONTENT	SHEET NO.
CONSTRUCTION OF PROPOSED DIRTY KITCHEN AND LAUNDRY AREA	DATE : OCT. 19, 2020	 ENGR. LEO S. DEL ROSARIO HEAD, PLANNING & PROGRAMMING DIVISION	 ENGR. ISAGANI R. VERZOSA, JR. CIC, CITY ENGINEERING DEPARTMENT	HON. MA. JOSEFINA G. BELMONTE CITY MAYOR, QUEZON CITY		AR 09
	CHECKED BY :					
LOCATION: BARANGAY HOLY SPIRIT, DISTRICT 2, Q.C.						

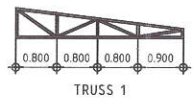
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1 ROOF FRAMING PLAN
S-1 SCALE 1:10m

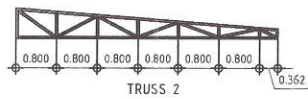


3 FOUNDATION PLAN
S-1 SCALE 1:10m



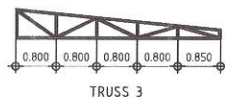
TRUSS 1

ANGLE BAR 37.5MM X 37.5MM X 6MM
10MMØ SAGROD
C-PURLIN -50MM X 100MM X 1.4MM



TRUSS 2

ANGLE BAR 37.5MM X 37.5MM X 6MM
10MMØ SAGROD
C-PURLIN -50MM X 100MM X 1.4MM



TRUSS 3

ANGLE BAR 37.5MM X 37.5MM X 6MM
10MMØ SAGROD
C-PURLIN -50MM X 100MM X 1.4MM

2 TRUSS DETAIL
S-1 SCALE 1:10m

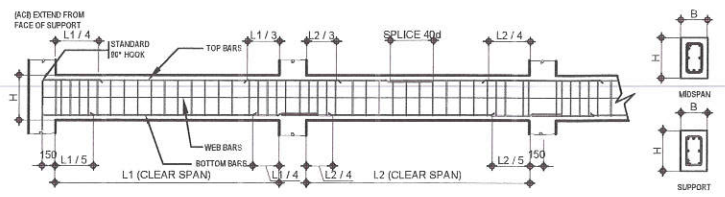


Republika ng Pilipinas
Lungsod ng Quezon
CITY ENGINEERING DEPARTMENT

PROJECT TITLE:	DRAWN BY:	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	SHEET CONTENT	SHEET NO.	
CONSTRUCTION OF PROPOSED DIRTY KITCHEN AND LAUNDRY AREA	DATE:	 ENGR. LEO S. DEL ROSARIO HEAD, PLANNING & PROGRAMMING DIVISION	 ENGR. ISAGANI R. VERZOSA, JR. C.E. CITY ENGINEERING DEPARTMENT	 HON. MA. JOSEFINA G. BELMONTE CITY MAYOR, QUEZON CITY	ROOF FRAMING PLAN TRUSS DETAIL FOUNDATION PLAN	ST 01	
	CHECKED BY: J41						REVISION NO.:
	PROJECT TITLE: BARANGAY HOLY SPIRIT, DISTRICT 2, QUEZON CITY						

20-00143

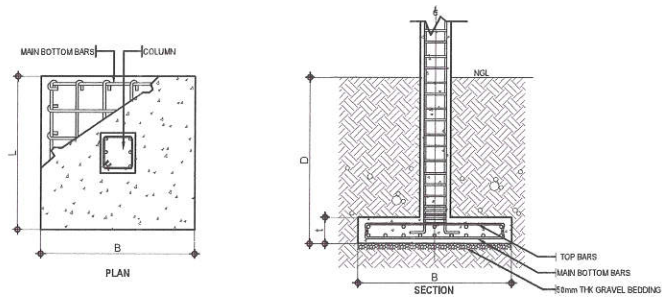
- GENERAL**
- CONSTRUCTION NOTES AND TYPICAL DETAILS APPLY TO ALL DRAWINGS UNLESS OTHERWISE SHOWN OR NOTED. MODIFY TYPICAL DETAILS AS DIRECTED TO MEET SPECIAL CONDITIONS.
 - SHOP DRAWINGS WITH SECTION AND PLACING DIAGRAMS OF ALL STRUCTURAL FOR ENGINEER'S APPROVAL BEFORE FABRICATION.
 - CONTRACTOR SHALL 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 BRACING 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 & REINFORCEMENT**
- ALL MATERIALS AND WORKMANSHIP SHALL CONFORM WITH THE LATEST BUILDING 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 MINIMUM SIZE AGGREGATE AND STIRUPS AS FOLLOWS:
- | LOCATION | STRENGTH | MAX. SIZE OF AGGREGATES | MAX. SLUMP |
|---|-----------------------|-------------------------|---------------|
| A. SLAB ON GRADE CURBS, PARAPETS, FOOTING, WALL FOOTING | 3000 PSI (20.685 Mpa) | 1 1/2 (38mm) | 4 in. (100mm) |
| B. BEAMS, COLUMNS, SUSPENDED SLAB | 3000 PSI (20.685 Mpa) | 3/4 in. (19mm) | 4 in. (100mm) |
| C. LEAN CONCRETE | 2500 PSI (17.24 Mpa) | 1 1/2 (38mm) | 4 in. (100mm) |
- ALL REINFORCING BARS SHALL CONFORM TO ASTM A630 FOR 10mm Ø AND SMALLER BARS AND GRADE 415 FOR 10mm Ø AND LARGER BARS.
 - IN GENERAL, THE LATEST EDITION OF ACI-318 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 |
- SPICES SHALL BE SECURELY WROTE TOGETHER AND SHALL LAP OR EXTEND IN ACCORDANCE WITH TABLE 1 (TABLE OF LAP SPICE AND ANCHORAGE LENGTH) UNLESS OTHERWISE SHOWN ON DRAWINGS. SPICES SHALL BE STAGGERED WHENEVER POSSIBLE.
 - ALL ANCHOR BOLTS, JOBBLES, AND OTHER INVENTS SHALL BE PROPERLY POSITIONED AND SECURED IN PLACE PRIOR TO PLACING OF CONCRETE.
 - CONTRACTOR SHALL NOTE AND PROVIDE ALL MISCELLANEOUS CURBS, SILLS, STOODS, EQUIPMENTS, AND MECHANICAL BRACES 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 | CONCRETE |
|---|----------|
| FOUNDATION | 24 HRS. |
| SUSPENDED SLAB EXCEPT WHEN ADDITIONAL LOADS ARE IMPOSED | 8 DAYS |
| PEDESTALS, COLUMNS, WALLS | 2 DAYS |
| BEAMS | 21 DAYS |
- DEVELOPMENT LENGTH FOR ALL BARS SHALL BE A MINIMUM OF 60 BAR DIAMETER, UNLESS OTHERWISE NOTED.



MARK	DIMENSIONS		BAR	TOP BARS			BOTTOM BARS			WEB BARS	STIRRUPS
	L (m)	H (m)		LEFT SUPPORT	MID SPAN	RIGHT SUPPORT	LEFT MID SPAN	RIGHT SUPPORT			
	RB1	300		300	16	3	2	3	2		
RB2	350	400	16	3	2	3	2	3	-	4 @ 100, REST @ 150	

2 SCHEDULE OF BEAMS

- 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 |
- SPICES SHALL BE SECURELY WROTE TOGETHER AND SHALL LAP OR EXTEND IN ACCORDANCE WITH TABLE 1 (TABLE OF LAP SPICE AND ANCHORAGE LENGTH) UNLESS OTHERWISE SHOWN ON DRAWINGS. SPICES SHALL BE STAGGERED WHENEVER POSSIBLE.
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- | CONCRETE | CONCRETE |
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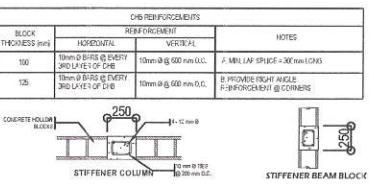


MARK	DIMENSION (Ø)			MAIN REINFORCEMENTS	D	REMARKS
	B	L	t			
FOOTING ONE (F-1)	1.50	1.80	0.30	Ø - 16 mm Ø Ø - 16 mm Ø	1.00	SQUARE FOOTING

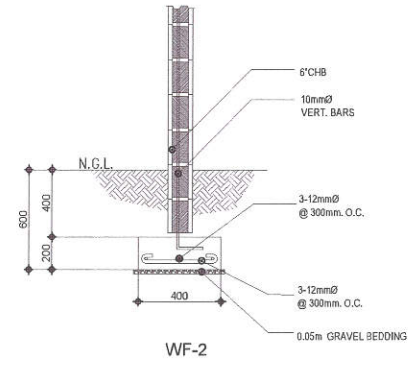
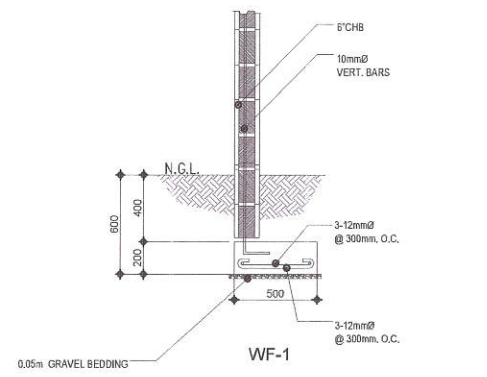
- NOTE:**
- USE SBC - 300KPa (ASSUMED)
 - NO FOUNDATION SHALL REST ON FILL
 - THE CONTRACTOR SHALL CONDUCT SOIL TEST FOR ACTUAL SBC, BEFORE CONSTRUCTION OF FOOTING AND INFORM THE DESIGNER FOR PROPER REVISION.

3 SCHEDULE OF FOOTING

- 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 MAY NOT CONFORM TO THE SOIL BEARING CAPACITY FOR PROPER REVISION.
- MASONRY WALLS**
- ALL MATERIALS & WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE APPLICABLE STANDARD & SPECIFICATIONS OF THE STRUCTURAL CODE OF THE PHILIPPINES & INTERNATIONAL BUILDING CODE.
 - MORTAR & GROUT FOR ALL CONCRETE MASONRY SHALL CONFORM TO ASTM 270. TYPE N & SHALL HAVE A MINIMUM OF 28 DAYS STANDARD CYLINDER COMPRESSIVE STRENGTH OF 15 MPa (2000 PSI).
 - ALL CHB SHALL BE LAID OUT WITH THE CELLS UNOBSTRUCTED VERTICAL CONTINUITY. ALL CELLS ESPECIALLY THOSE WITH REINFORCEMENT SHALL BE FILLED WITH MORTAR.
 - REINFORCEMENT, AS TABULATED BELOW SHALL BE PROVIDED UNLESS OTHERWISE SPECIFIED IN THE PLAN.
 - ALL MASONRY WALLS SHALL BE PROVIDED WITH STIFFENER BEAM BLOCK & STIFFENER AS REQUIRED.
 - S.A. FOR HIGH WALLS & EVERY 300 mm Ø COLUMN (BOLT) AT 300 mm ON CENTER.
 - S.B. FOR DOORS & WINDOWS OPENING PROVIDE UNTEL BEAM FRAME AS STIFFENER BEAM BLOCK.



COLUMN MARK	CROSS SECTION	MAIN REINFORCEMENTS			
		VERTICAL BARS	COL. TIES	JOINT HOOPS	CONF. HOOPS
C-1	400 x 200	Ø - 16 mm Ø	16 mm Ø, REST @ 400 O.C.	18 mm Ø, 2 100 O.C.	18 mm Ø, 2 50 O.C.



5 WALL FOOTING DETAILS

1 GENERAL NOTES

4 SCHEDULE OF COLUMN

Republika ng Pilipinas
Lungsod ng Quezon
CITY ENGINEERING DEPARTMENT

PROJECT TITLE: CONSTRUCTION OF PROPOSED DIRTY KITCHEN AND LAUNDRY AREA

PROJECT TITLE: BARANGAY HOLY SPIRIT, DISTRICT 2, QUEZON CITY

DRAWN BY: DATE: CHECKED BY: JAH

REVISION NO.:

SUBMITTED BY: ENGR. LEO S. DEL ROSARIO
HEAD, PLANNING & PROGRAMMING DIVISION

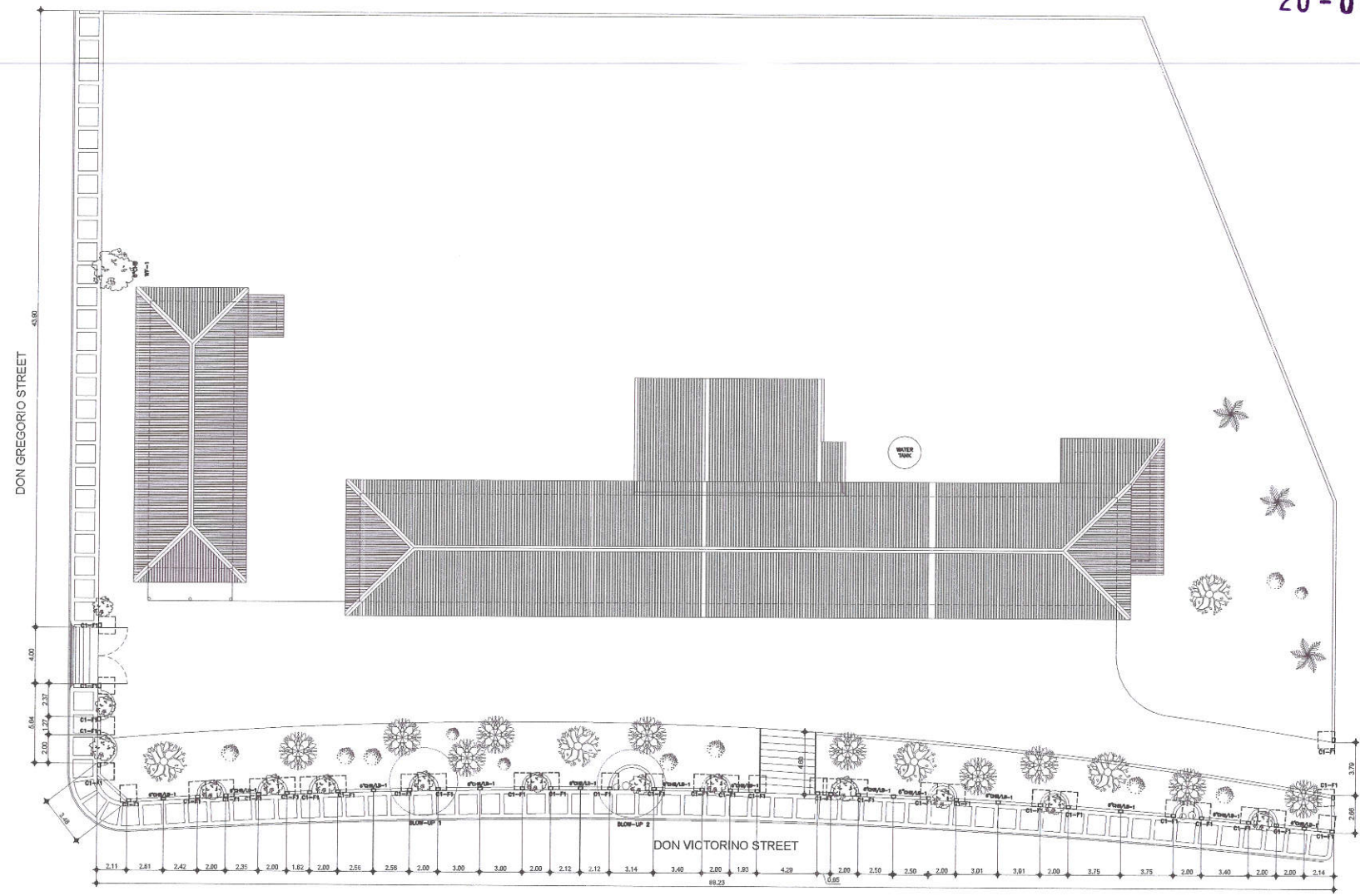
RECOMMENDING APPROVAL: ENGR. ISAGANI R. VERZOSA, JR.
CH. OF ENGINEERING DEPARTMENT

APPROVED BY: HON. MA. JOSEFINA G. BELMONTE
CITY MAYOR, QUEZON CITY

SHEET CONTENT: GENERAL NOTES, SCHEDULE OF BEAMS, SCHEDULE OF FOOTING, SCHEDULE OF COLUMN, WALL FOOTING DETAILS


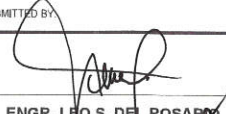

SHEET NO.: ST 02

20-00143

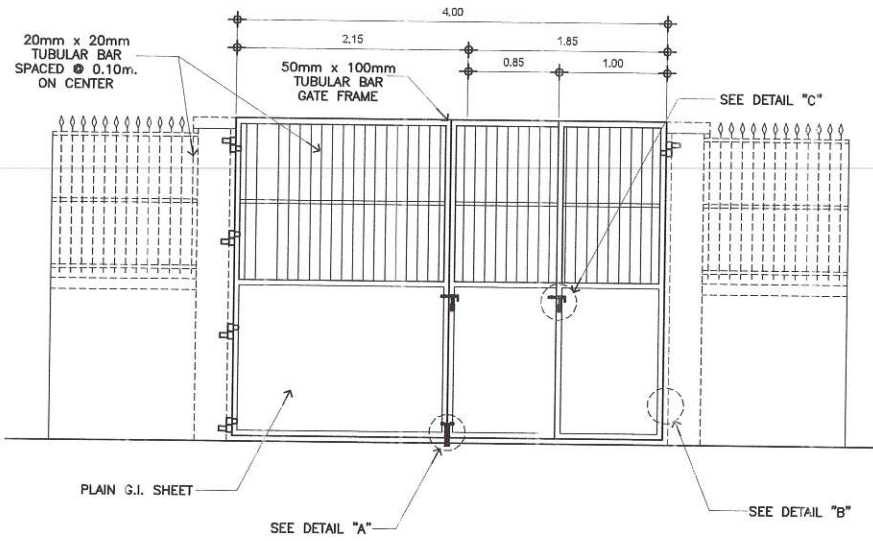


1 FOUNDATION PLAN

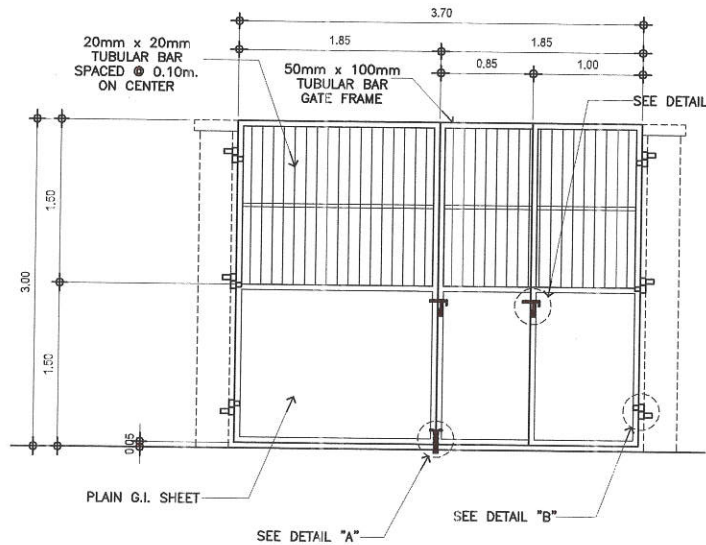
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 <p>Republika ng Pilipinas Lungsod ng Quezon CITY ENGINEERING DEPARTMENT</p>	PROJECT TITLE :	DRAWN BY : mmv/BRGZ	SUBMITTED BY :	RECOMMENDING APPROVAL :	APPROVED BY :	SHEET CONTENT	SHEET NO.
	REHABILITATION OF CENTRAL KITCHEN CONCRETE PATHWALK, PAVEMENT & CONST. OF FENCE AT YWCA COMPOUND	DATE : OCT. 19, 2020			HON. MA. JOSEFINA G. BELMONTE	FOUNDATION PLAN	ST 03
	LOCATION: BARANGAY HOLY SPIRIT, DISTRICT 2, QUEZON CITY	CHECKED BY: JAM	ENGR. LEO S. DEL ROSARIO HEAD, PLANNING & PROGRAMMING DIVISION	ENGR. ISAGANI R. VERZOSA, JR. OIC, CITY ENGINEERING DEPARTMENT	CITY MAYOR, QUEZON CITY		

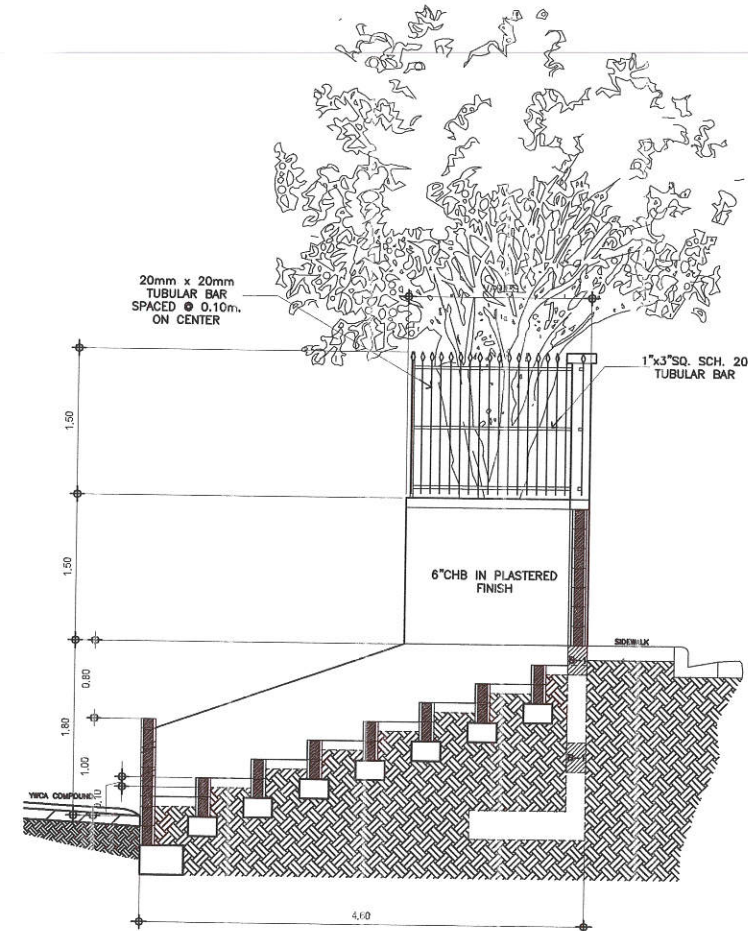
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2 ENTRANCE GATE DETAIL "3"



1 ENTRANCE GATE DETAIL "1"



3 CROSS SECTION FENCE & PLANTBOX

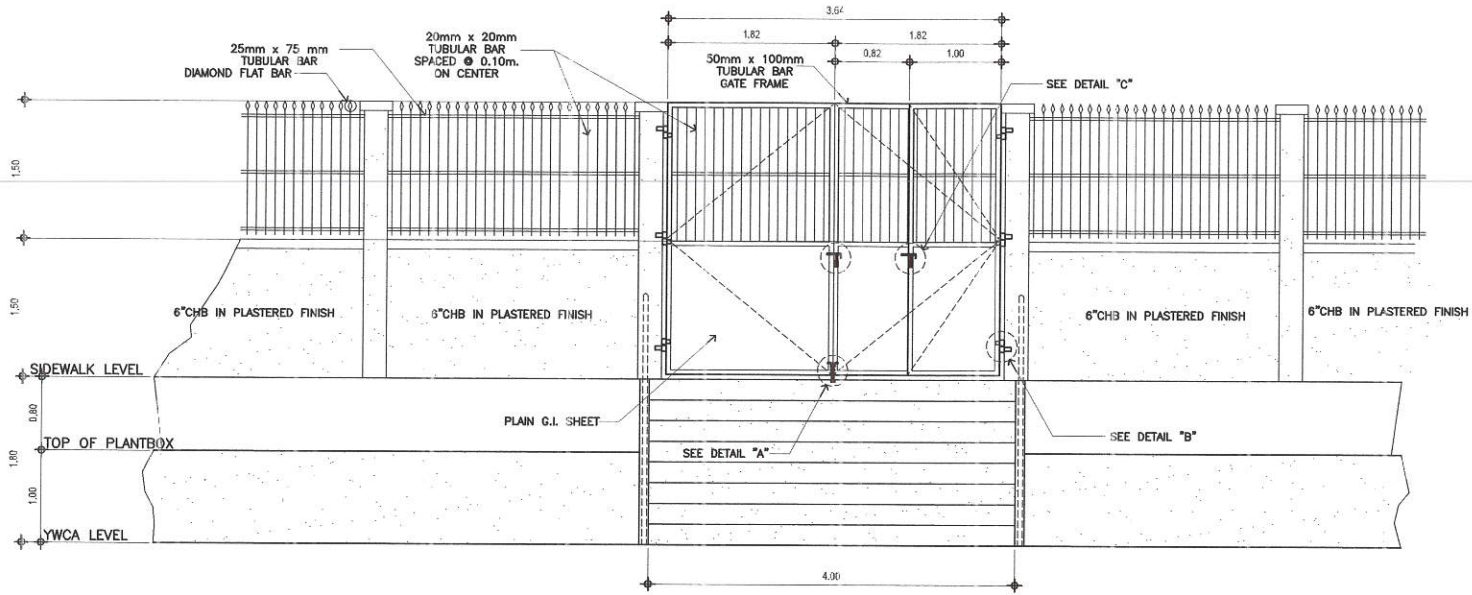
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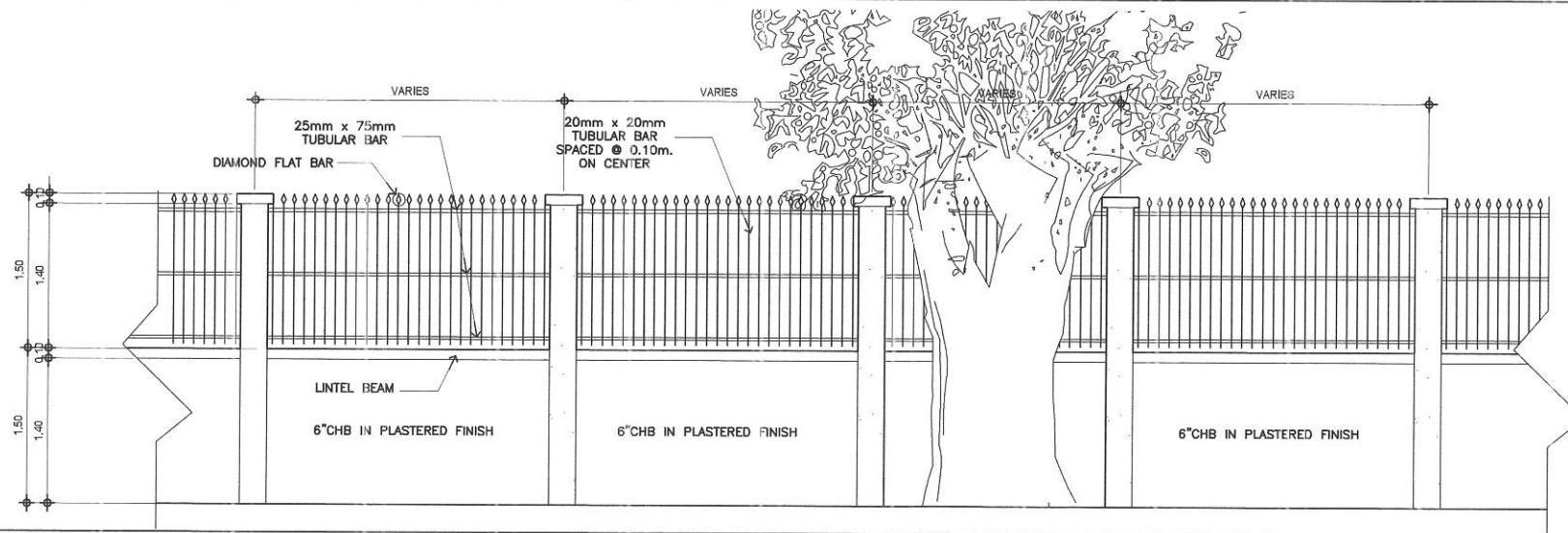
Republika ng Pilipinas
Lungsod ng Quezon
CITY ENGINEERING DEPARTMENT

PROJECT TITLE :	DRAWN BY : mmm/BRG	SUBMITTED BY :	RECOMMENDING APPROVAL :	APPROVED BY :	SHEET CONTENT	SHEET NO.
REHABILITATION OF CENTRAL KITCHEN CONCRETE PATHWALK, PAVEMENT & CONST. OF FENCE AT YWCA COMPOUND	DATE : OCT. 19, 2020	CHECKED BY :	ENGR. LEO S. DEL ROSARIO HEAD, PLANNING & PROGRAMMING DIVISION	ENGR. ISAGANI R. VERZOSA, JR. CIC CITY ENGINEERING DEPARTMENT	HON. MA. JOSEFINA G. BELMONTE CITY MAYOR, QUEZON CITY	ENTRANCE GATE DETAIL 1 ENTRANCE GATE DETAIL 3 CROSS SECTION FENCE & PLANTBOX
LOCATION: EARANGAY HOLY SPIRIT, DISTRICT 2, QUEZON CITY	REVISION NO.:					ST 04

20-00143



2 DETAIL OF ENTRANCE GATE "2" / PLANTBOX DETAIL



1 ELEVATION OF FENCE

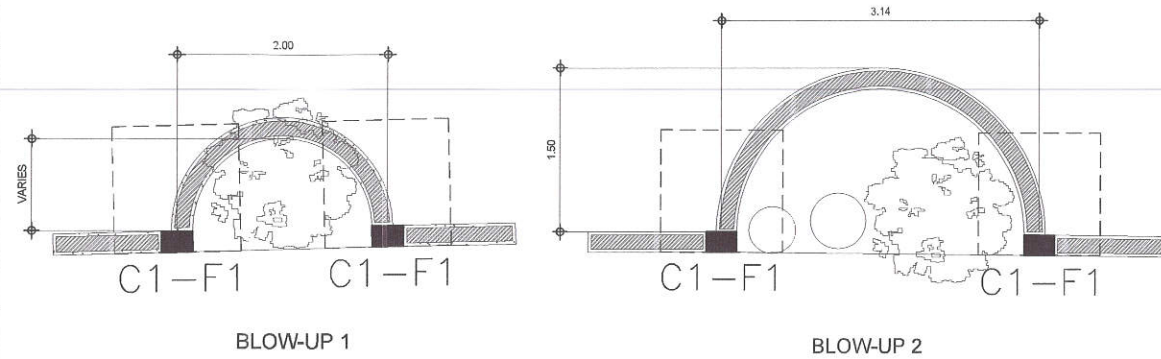
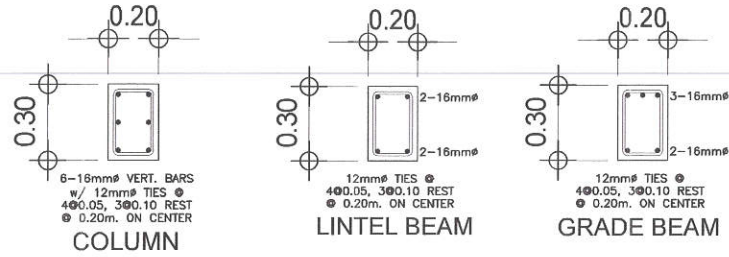
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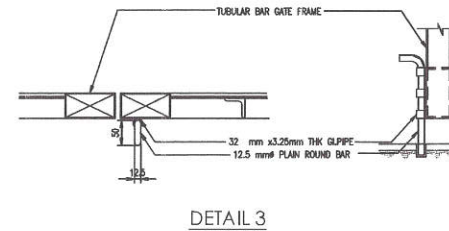
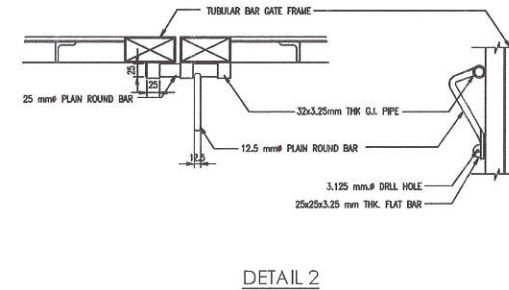
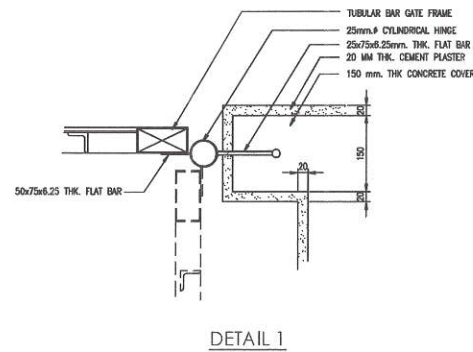
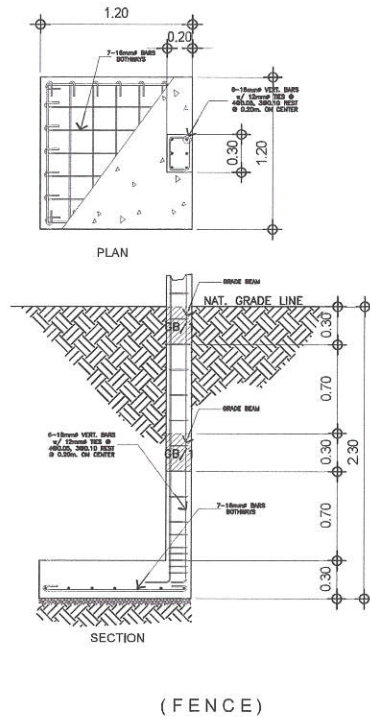
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CITY ENGINEERING DEPARTMENT

PROJECT TITLE :	DRAWN BY : mmm/BRGZ	SUBMITTED BY :	RECOMMENDING APPROVAL :	APPROVED BY :	SHEET CONTENT	SHEET NO.
REHABILITATION OF CENTRAL KITCHEN CONCRETE PATHWALK, PAVEMENT & CONST. OF FENCE AT YWCA COMPOUND	DATE : OCT. 18, 2020	CHECKED BY :	ENGR. LEO S. DEL ROSARIO HEAD, PLANNING & PROGRAMMING DIVISION	ENGR. SABANI R. VERZOSA, JR. OIC, CITY ENGINEERING DEPARTMENT	HON. MA. JOSEFINA G. BELMONTE CITY MAYOR, QUEZON CITY	ELEVATION OF FENCE DETAIL OF ENTRANCE GATE 2 / PLANT BOX DETAIL
LOCATION: EARANGAY HOLY SPIRIT, DISTRICT 2, QUEZON CITY	REVISION NO.:					ST 05

20-00143



2 COLUMN AND FOOTING BLOW-UP



1 COL.&FOOTING DET./GRADE BEAM



Republika ng Pilipinas
Lungsod ng Quezon
CITY ENGINEERING DEPARTMENT

PROJECT TITLE :
**REHABILITATION OF CENTRAL KITCHEN
CONCRETE PATHWALK, PAVEMENT &
CONST. OF FENCE AT YWCA COMPOUND**

LOCATION: BARANGAY HOLY SPIRIT, DISTRICT 2, QUEZON CITY

DRAWN BY : mm/BROZ
DATE : OCT. 19, 2020
CHECKED BY : *JAM*
REVISION NO. :

SUBMITTED BY :
[Signature]
ENGR. LEO S. DEL ROSARIO
HEAD, PLANNING & PROGRAMMING DIVISION

RECOMMENDING APPROVAL :
[Signature]
ENGR. ISABANI R. VERZOSA, JR.
CIC, CITY ENGINEERING DEPARTMENT

APPROVED BY :
[Signature]
HON. MA. JOSEFINA G. BELMONTE
CITY MAYOR, QUEZON CITY

SHEET CONTENT
COLUMN & FOOTING
DETAIL / GRADE BEAM
COLUMN AND FOOTING
DETAIL
DETAIL 1
DETAIL 2
DETAIL 3

SHEET NO.
**ST
06**

1 GENERAL NOTES AND SPECIFICATIONS

SCALE NTS

2 LEGEND & SYMBOLS

SCALE NTS

20-00143

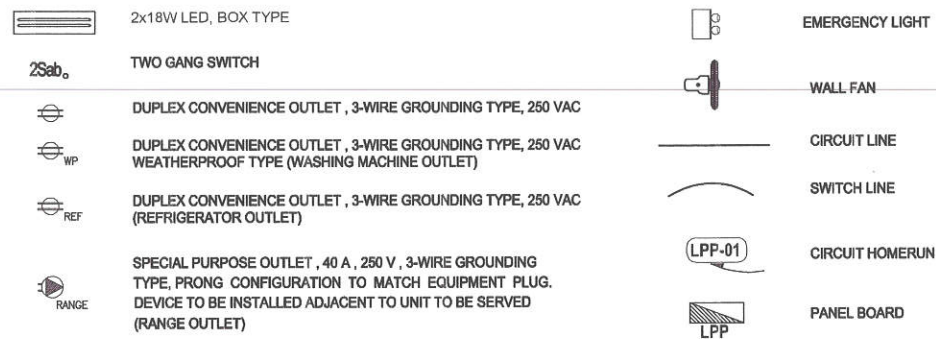
- ALL ELECTRICAL WORKS SHALL BE DONE IN ACCORDANCE WITH THE PROVISIONS OF THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE, THE LAWS AND ORDINANCES OF THE LOCAL CODE ENFORCING AUTHORITIES AND THE REQUIREMENTS OF THE LOCAL POWER AND TELEPHONE UTILITY COMPANY.
- THE CONTRACTOR SHALL SECURE ALL PERMITS AND PAY ALL FEES REQUIRED FOR THE WORK AND SHALL FURNISH THE OWNER THROUGH THE ENGINEERS, FINAL CERTIFICATES OF ELECTRICAL INSPECTION AND APPROVAL FROM PROPER GOVERNMENT AUTHORITIES FOR COMPLETION OF WORK.
- ALL EMBEDDED BRANCH CIRCUITS SHALL BE PVC CONDUITS AND FOR EXPOSED INSTALLATION SHALL BE IMC SUPPORTED BY CONDUIT CLAMPS EVERY 700 MILLIMETERS
- PULL BOXES SHALL BE PROVIDED BY THE CONTRACTOR WHENEVER NECESSARY TO FACILITATE WIRE PULLING EVEN IF THESE ARE NOT INDICATED ON THE PLANS. SIZING OF ALL PULLBOXES SHALL BE COMPUTED BASED ON THE CODE REQUIREMENTS. SUBMIT SHOP DRAWINGS TO THE ENGINEER FOR APPROVAL. PRIOR TO FABRICATION, LOCATION OF PULLBOXES SHALL BE APPROVED BY THE ARCHITECT/ENGINEER AND MUST BE REFLECTED ON THE "AS-BUILT" PLAN.
- ALL POWER OUTLETS AND SWITCHES SHALL BE GROUNDING TYPE WITH PARALLEL SLOTS FOR 230 V.
- PROVIDE GROUND FAULT CURRENT INTERRUPTER CIRCUIT BREAKER FOR LOADS MARKED "GFCI" ON THE PLAN.
- ALL METALLIC CONDUITS, CABINETS AND EQUIPMENT SHALL BE PROPERLY GROUNDED AND BONDED.
- UNLESS OTHERWISE NOTED, MOUNTING HEIGHT FOR WALL MOUNTED DEVICES SHALL BE AS FOLLOWS:

RECEPTACLE OUTLET - 300 MM AFF, 150MM ABOVE WORKING COUNTER.
 WASHING MACHINE OUTLET - 1000MM AFF
 LIGHTING SWITCH - 1400 MM AFF
 PANELBOARD - 1600 MM AFF

- ALL MATERIALS TO BE USED SHALL BE OF THE BEST QUALITY, BRAND NEW AS SPECIFIED.
- THE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO PRESENT GENERAL LAYOUT AND BROAD OUTLINE/DESCRIPTION OF THE PROJECT BUT DO NOT NECESSARILY INDICATE/DESCRIBE ACTUAL LOCATIONS, LEVEL AND DISTANCES OF THE EQUIPMENT. THE CONTRACTOR IS HEREBY REQUIRED TO MAKE SUCH ADJUSTMENT AT THE JOBSITE AS LOCATION, DISTANCES AND LEVELS ARE GOVERNED BY ACTUAL FIELD CONDITIONS.
- ANY DISCREPANCY BETWEEN THE PLANS AND SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER FOR CLARIFICATION DECISION.
- ALL LIGHTING AND CONVENIENCE OUTLET CIRCUITS SHALL BE 3.5 SQ. MM. THWN-2 COPPER WIRE UNLESS OTHERWISE NOTED. MINIMUM SIZE OF WIRE SHALL BE 3.5 SQ. MM. COPPER WIRE. ALL WIRES AND CABLES SHALL BE COLOR CODED AS FOLLOWS:

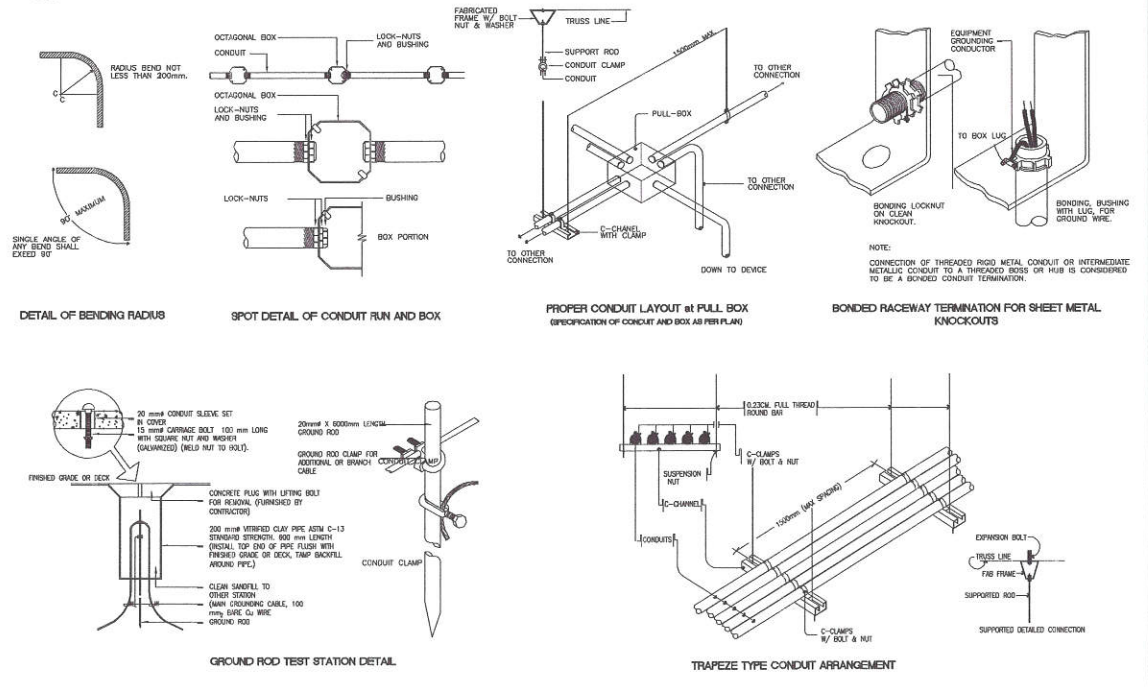
LINE 1 - RED
 LINE 2 - YELLOW
 NEUTRAL - WHITE
 GROUND - GREEN

- BOXES, WIRE, GUTTERS, ENCLOSURE SHALL BE FABRICATED FROM STEEL WITH THICKNESS AS FOLLOWS:
- | | |
|---|---|
| MAXIMUM WIDTH OF THE WIDEST SURFACE STEEL | GA |
| UP TO INCLUDING 152.40 MM | GA 16 PAINTED WITH METAL PRIMER EPOXY AND TOPCOAT |
| OVER 152.40 MM BUT NOT OVER 457.30 | GA 14 PAINTED WITH METAL PRIMER EPOXY AND TOPCOAT |
| OVER 457.30 MM BUT NOT OVER 762 MM | GA 12 PAINTED WITH METAL PRIMER EPOXY AND TOPCOAT |
| OVER 762 MM | GA 10 PAINTED WITH METAL PRIMER EPOXY AND TOPCOAT |
- ALL ELECTRICAL WORKS HEREIN SHALL BE EXECUTED BY EXPERIENCED MEN UNDER THE DIRECT SUPERVISION OF A FULL-TIME LICENSED ELECTRICAL ENGINEER AND A DULY ACCREDITED ELECTRICAL CONTRACTOR BY PCAB. WORKS SHALL BE NEATLY PLACED, SECURELY FASTENED AND PROPERLY FINISHED.
 - TYPE OF SERVICE ENTRANCE SHALL BE SINGLE-PHASE, TWO-WIRE PLUS GROUND, 60 HERTZ, 230V AC NOMINAL.
 - CONDUITS IN NO CASE SHALL THERE BE MORE THAN THE EQUIVALENT OF FOUR QUARTER BENDS IN ANY ONE RUN. ALL CONDUIT BENDS SHALL BE FIELD MADE BY USING HYDRAULIC BENDERS. MINIMUM BENDING RADIUS MUST BE IN ACCORDANCE TO THE CODE REQUIREMENTS.
 - UPON COMPLETION OF ELECTRICAL CONSTRUCTION WORK, INSULATION RESISTANCE TEST AND FUNCTIONALITY TEST SHALL BE PERFORMED BY THE CONTRACTOR INCLUSIVE OF THE INSTALLATION TO BE REPORTED IN DETAILS ON FORMS APPROVED BY THE QUEZON CITY ENGINEERING DEPARTMENT REPRESENTATIVE. THE GROUND RESISTANCE FOR ELECTRICAL SYSTEMS SHALL NOT BE MORE THAN 5 OHMS. COMMUNICATION GROUNDING RESISTANCE SHALL NOT EXCEED 2 OHMS.



3 MISCELLANEOUS DETAILS

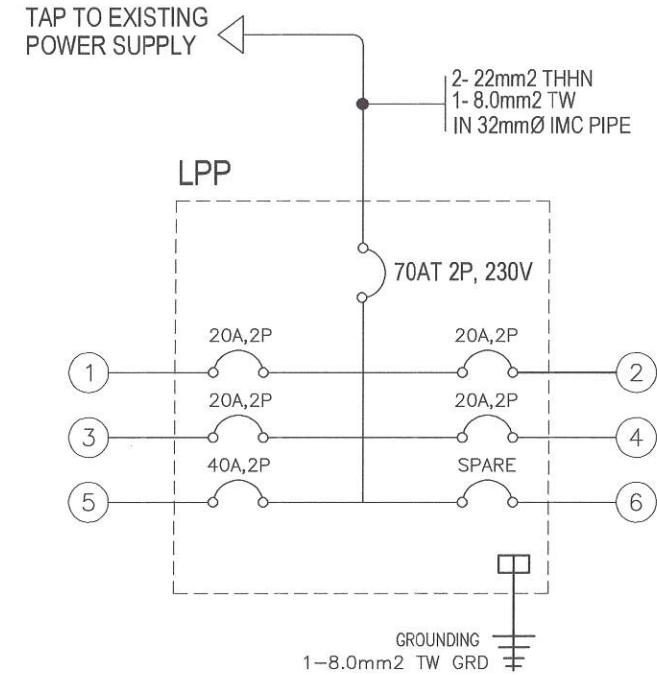
SCALE NTS



Republika ng Pilipinas Lungsod ng Quezon CITY ENGINEERING DEPARTMENT	PROJECT TITLE :	DRAWN BY :	SUBMITTED BY :	RECOMMENDING APPROVAL :	APPROVED BY :	SHEET CONTENT	SHEET NO.
	CONSTRUCTION OF PROPOSED DIRTY KITCHEN AND LAUNDRY AREA	DATE :	 ENGR. LEO S. DEL ROSARIO HEAD, PLANNING & PROGRAMMING DIVISION	 ENGR. ISAACANI R. VERZOSA, JR. OIC, CITY ENGINEERING DEPARTMENT	HON. MA. JOSEFINA G. BELMONTE CITY MAYOR, QUEZON CITY	GENERAL NOTES & SPECIFICATIONS LEGEND & SYMBOLS MISCELLANEOUS DETAILS	EL 01
		CHECKED BY :					

20-00143

LPP						MOUNTING: NEMA1, SURFACE MOUNTED WITH GRAY POWDERED COATED FINISH WITH MULTI-TERMINAL BLOCK FOR SOLID GROUND BUS	
LOCATION: NEAR ENTRANCE							
CKT. NO.	LOAD DESCRIPTION	VOLTS	VA	AMP.	AT	SIZE OF	
						WIRES	CONDUITS
1	4-LIGHTING OUTLETS 2-WALL FANS	230	800	3.47	20	2-3.5mm ² THHN COPPER WIRE 1-3.5mm ² TW GROUND WIRE	IN 20mm \varnothing PVC PIPE
2	3-WASHING MACHINE	230	3000	13.04	20	2-3.5mm ² THHN COPPER WIRE 1-3.5mm ² TW GROUND WIRE	IN 20mm \varnothing PVC PIPE
3	2-WASHING MACHINE	230	2000	8.70	20	2-3.5mm ² THHN COPPER WIRE 1-3.5mm ² TW GROUND WIRE	IN 20mm \varnothing PVC PIPE
4	1-REFRIGERATOR	230	1000	4.35	20	2-3.5mm ² THHN COPPER WIRE 1-3.5mm ² TW GROUND WIRE	IN 20mm \varnothing PVC PIPE
5	1-COOKING RANGE	230	8000	34.78	40	2-8.0mm ² THHN COPPER WIRE 1-3.5mm ² TW GROUND WIRE	IN 20mm \varnothing PVC PIPE
6	S P A R E	230	-	-	-	EMPTY	EMPTY
TOTAL			14,800	73.04			
COMPUTATION :		OVER CURRENT PROTECTION					
$IT = \frac{14,800 \text{ VA}}{230 \text{ V}}$		USE : 70AT, 2P, 230V CIRCUIT BREAKER					
= 64.35 AMPERES		MAIN FEEDER :					
		USE : 2 - 22mm ² THHN & 1-8.0mm ² TW GROUND WIRE IN 32mm \varnothing IMC PIPE					



1 SCHEDULE OF LOADS
E-2 SCALE NTS

2 PANEL BOARD DETAIL
E-2 SCALE NTS

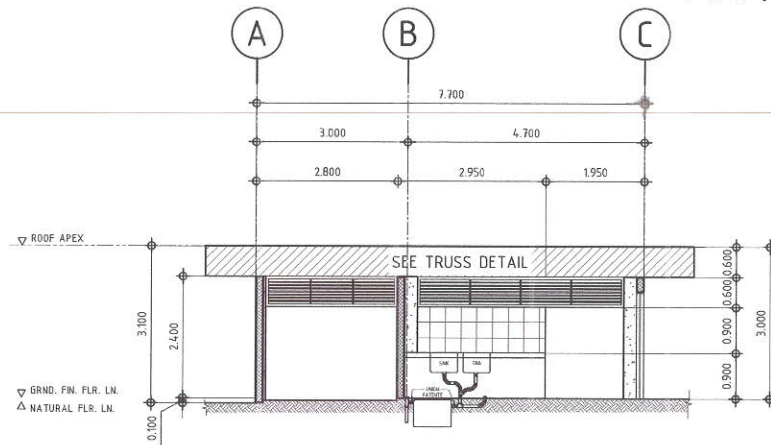
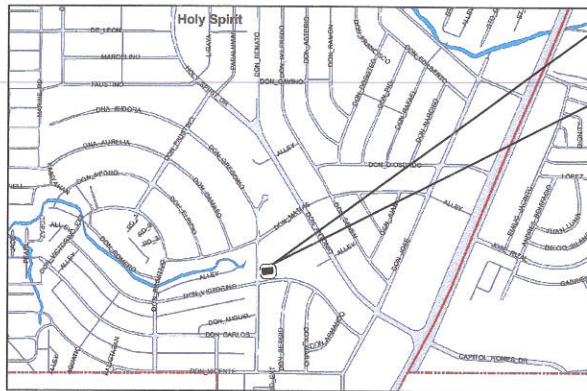


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CITY ENGINEERING DEPARTMENT

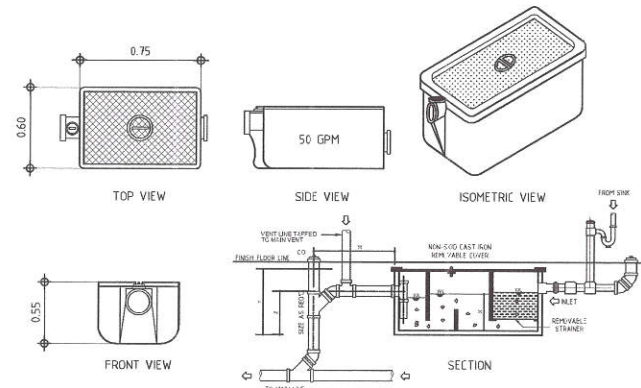
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CONSTRUCTION OF PROPOSED DIRTY KITCHEN AND LAUNDRY AREA	DATE:				SCHEDULE OF LOADS PANEL BOARD DETAIL	EL 02
	CHECKED BY:					
	LOCATION : BARANGAY HOLY SPIRIT, DISTRICT 2, QUEZON CITY	REVISION NO.:				

20-00143

THE SITE



3 GREASE TRAP ELEVATION
A-3 SCALE 1:10m



3 GREASE TRAP DETAIL
A-3 SCALE NTS.

1 VICINITY MAP

1. ALL PLUMBING WORKS AND MATERIALS INDICATED HEREIN SHALL BE COMPLAINT TO THE LATEST EDITION OF NATIONAL PLUMBING CODE. THE RULES AND REGULATION OF LOCAL AUTHORITIES CONCERNED, THE RULES AND REGULATIONS OF LOCAL UTILITY COMPANIES AND THE PROVISIONS OF THE LAND DEVELOPER WHEN AND WHERE APPLICABLE.
 2. THE PLUMBING LAYOUT IS ONLY DIAGRAMMATIC. PIPES, CLEANOUTS AND CHECK VALVES SHALL BE CONCEALED AS MUCH AS POSSIBLE IT IS NOT INTENDED TO SHOW THE ACTUAL DIMENSION OF THE PIPES AND FIXTURES IN THE DRAWING BUT ALL THE PIPES AND FIXTURE SHALL BE INSTALLED AS AND WHERE INDICATED. ANY RELOCATION WILL REQUIRE PROPER EXECUTION IN RELATION WITH OTHER TRADES.
 3. THE PLUMBING CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES AT THE SITE AND SHALL COORDINATED THE WORK WITH TRADES.
 4. PIPES SHALL NOT BE EMBEDDED IN STRUCTURAL MEMBERS UNLESS OTHERWISE SPECIFIED OR ALLOWED.
 5. MINIMUM SLOPE FOR HORIZONTAL SEWER LINES SHALL BE 1% AND FOR DRAIN LINES SHALL BE 5%.
 6. PROPOSED PLUMBING UTILITIES SHALL CONFORM WITH THE ACTUAL LOCATION, DEPTH AND INVERT ELEVATION OF ALL EXISTING PIPES/UTILITIES.
 7. CONNECTION OF FIXTURES TO PIPED AND FITTING SHALL BE ACCORDING TO MANUFACTURER'S SPECIFICATIONS.
 8. ALL FLOOR DRAINS SHALL BE VERIFIED INDIVIDUALLY.
 9. ALL CLEAN OUT FERRULES SHALL BE FLUSH-MOUNTED TO WALL AND SHALL BE PROVIDED WITH POLISHED COVER CAPS DO NOT INSTALL FLOOR CLEAN OUTS EXCEPT AT LINES ON GRADE AND SERVICE AREA NOT SUBJECT TO TRAFFIC.
 10. ALL UNDER GROUND G.I. PIPES IN DIRECT CONTACT WITH SOIL SHALL BE PROVIDED WITH TWO (2) COATS OF PROTECTIVE TAR COVERING AND WRAPPED WITH JUTE CLOTH THOROUGHLY SOAKED IN TAR OR ASPHALT.
 11. PROVIDE VENT STACK AND VENT PIPE THRU ROOF OF CAST IRON SERVICE WEIGHT AS REQUIRED.
 12. ALL CAST IRON PIPES SHALL BE OF APPROVED QUALITY AND G.I. FOR WATER DISTRIBUTION LINES SHALL BE SCHEDULE 40 U.S. STANDARD WEIGHT.
 13. PROVIDE GATE VALVES TO ALL WATER SUPPLY LINES TO FIXTURES.
 14. ALL HOT WATER LINES SHALL BE PROVIDED WITH PROPER INSULATION WHERE EXPOSED.
 15. ALL INDIVIDUAL BRANCHES TO FIXTURE OR GROUP OF FIXTURES AND/OR EQUIPMENTS SHALL BE PROVIDED WITH AIR CHAMBER OR CAPPED VERTICAL PIPE EXTENSIONS OF DIMENSIONS AS SHOWN.
- H = 450 mm FOR 19 mm AND LARGER
H = 300 mm FOR 12 mm Ø AND SMALLER
16. ALL HOSE BIBBS SHALL BE 19 mm (3/4") UNLESS OTHERWISE INDICATED.
 17. INLET PIPE OF SEPTIC TANK IS 50 mm HIGHER THAN THE SIPHON PIPE WHICH IS 30 mm HIGHER THAN THE OUTLET PIPE.
 18. ALL PLUMBING WORKS AND MANNER OF CONSTRUCTION SHALL BE UNDER THE DIRECT SUPERVISION OF AN ABLE AND DULY LICENSED MASTER PLUMBER OR REGISTERED SANITARY ENGINEER ANY DISCREPANCIES FOUND IN PLAN SHALL BE NOTIFIED TO THE SAME PERSON.

LEGEND AND SYMBOLES

SYMBOLS	DESCRIPTION
—	SOIL / WASTE PIPE
—	VENT PIPE
—	STORM DRAINAGE PIPE
—	COLD WATER LINE
CB	CATCH BASIN
—	CHECK VALVE
⊙	WATER METER
—	GATE VALVE
—	AIR CHAMBER
FCC	FLOOR CLEAN-OUT
CCO	CEILING CLEAN-OUT
—	P-TRAP
DS	DOWNSPOUT
VTR	VENT THROUGH ROOF
LAV	LAVATORY
WC	WATER CLOSET
FD	FLOOR DRAIN
RD	ROOF DRAIN
HB	HOSE BIBB
KS	KITCHEN SINK
GT	GREASE TRAP
SD	STORM DRAIN
BS	BIBET SPRAY NOSE

2 GENERAL NOTES

3 LEGENDS AND SYMBOLS

4 GREASE TRAP ELEVATION AND DETAIL



Republika ng Pilipinas
Lungsod ng Quezon
CITY ENGINEERING DEPARTMENT

PROJECT TITLE :
CONSTRUCTION OF PROPOSED DIRTY KITCHEN AND LAUNDRY AREA
PROJECT TITLE : BARANGAY HOLY SPIRIT, DISTRICT 2, QUEZON CITY

DRAWN BY:
DATE:
CHECKED BY:
REVISION NO.:

SUBMITTED BY:

ENGR. LEO S. DEL ROSARIO
HEAD, PLANNING & PROGRAMMING DIVISION

RECOMMENDING APPROVAL:

ENGR. ISAGANI R. VERZOSA, JR.
CITY ENGINEERING DEPARTMENT

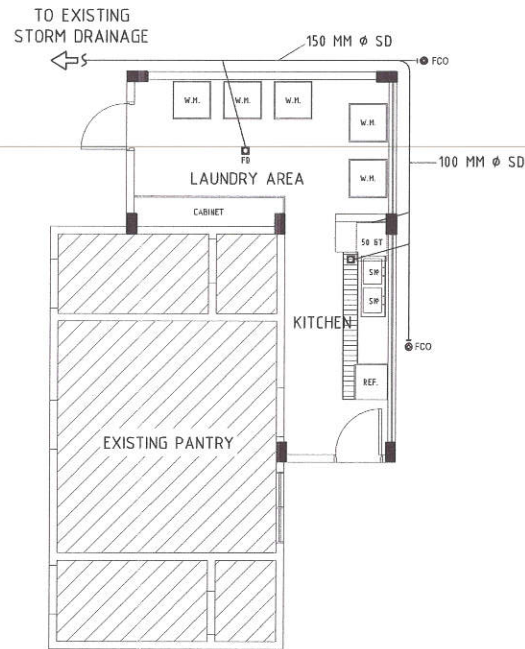
APPROVED BY:

HON. MA. JOSEFINA G. BELMONTE
CITY MAYOR, QUEZON CITY

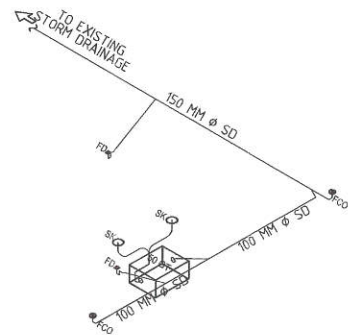
SHEET CONTENT
VICINITY MAP
GENERAL NOTES
LEGEND AND SYMBOLS
CATCH BASIN DETAIL
GREASE TRAP ELEVATION AND DETAIL

SHEET NO.
PL 01

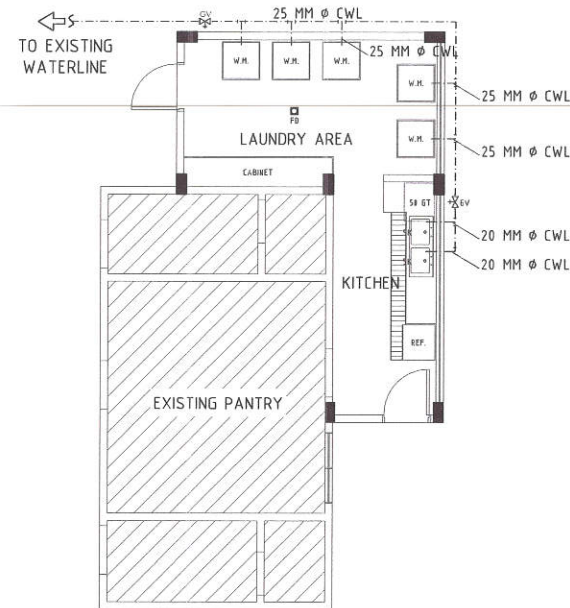
20-00143



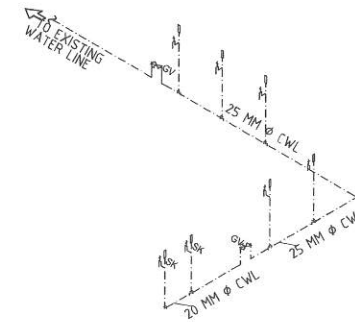
1 PLUMBING/SANITARY LAYOUT
P-2 SCALE 1:10m




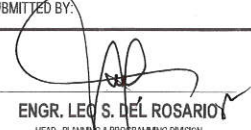


2 PLUMBING/SANITARY ISOMETRIC
P-2 SCALE 1:10m



3 WATERLINE LAYOUT
P-2 SCALE 1:10m



4 WATERLINE ISOMETRIC
P-2 SCALE 1:10m

 <p>Republika ng Pilipinas Lungsod ng Quezon CITY ENGINEERING DEPARTMENT</p>	PROJECT TITLE :	DRAWN BY:	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	SHEET CONTENT	SHEET NO.	
	<p>CONSTRUCTION OF PROPOSED DIRTY KITCHEN AND LAUNDRY AREA</p> <p>PROJECT TITLE : BARANGAY HOLY SPIRIT, DISTRICT 2, QUEZON CITY</p>	DATE:	 ENGR. LEO S. DEL ROSARIO <small>HEAD, PLANNING & PROGRAMMING DIVISION</small>	 ENGR. ISAGANI R. VERZOSA, JR. <small>CITY ENGINEERING DEPARTMENT</small>	 HON. MA. JOSEFINA G. BELMONTE <small>CITY MAYOR, QUEZON CITY</small>	<p>PLUMBING/SANITARY LAYOUT PLUMBING/SANITARY LAYOUT ISOMETRIC WATERLINE LAYOUT WATERLINE ISOMETRIC</p>	<p>PL 02</p>	
		CHECKED BY:						REVISION NO.: