

Bid Bulletin No. 4

“Supply and Delivery of Labor and Materials, and Provision of Service for the Renovation of the Office of Fair Trade Enforcement Bureau and DTI Offices in the Bureau of Investments” 20-023

November 17, 2020

This Bid Bulletin No. 4 is hereby issued to modify or amend the Bidding Documents.

1. Schedule of Proceedings

| Activity | Schedule |
|--|---|
| Submission and Opening of Technical and Financial Bids | <p>November 24, 2020, 9:00 AM for Submission and 9:30 AM for Opening of Technical and Financial Documents through video conference with the following details:</p> <p>Zoom Meeting Details: https://zoom.us/j/91886335546?pwd=WGFoZ2h0YmFoeFVBZWxvSEZZSXBpQT09</p> <p>Meeting ID: 918 8633 5546 Passcode: 475925</p> |

2. Section III. Bid Data Sheet (ITB Clause 5.3)

For this purpose, contracts similar to the Project shall be:

- a. **Supply and Delivery of Labor and Materials, and Provision of Service for the Renovation or Construction.**
- b. completed within **three (3) years** prior to the deadline for the submission and receipt of bids.

For the procurement of Non-expendable Supplies and Services: The Bidder must have completed a single contract that is similar to this Project, equivalent to at least fifty percent (50%) of the ABC.

3. Section VII. Technical Specifications

- 3.1. Secure all necessary permits.
- 3.2. Please see the following attachments:
 - 3.2.1. Annex A – Layout/Drawings (34 pages)
 - 3.2.2. Annex B – Bill of Quantities (20 pages).

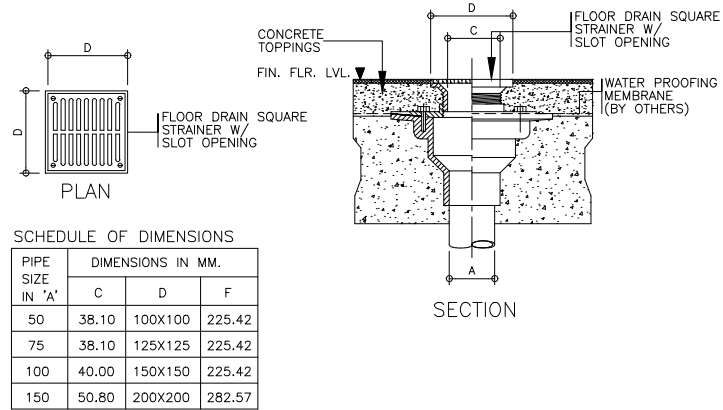
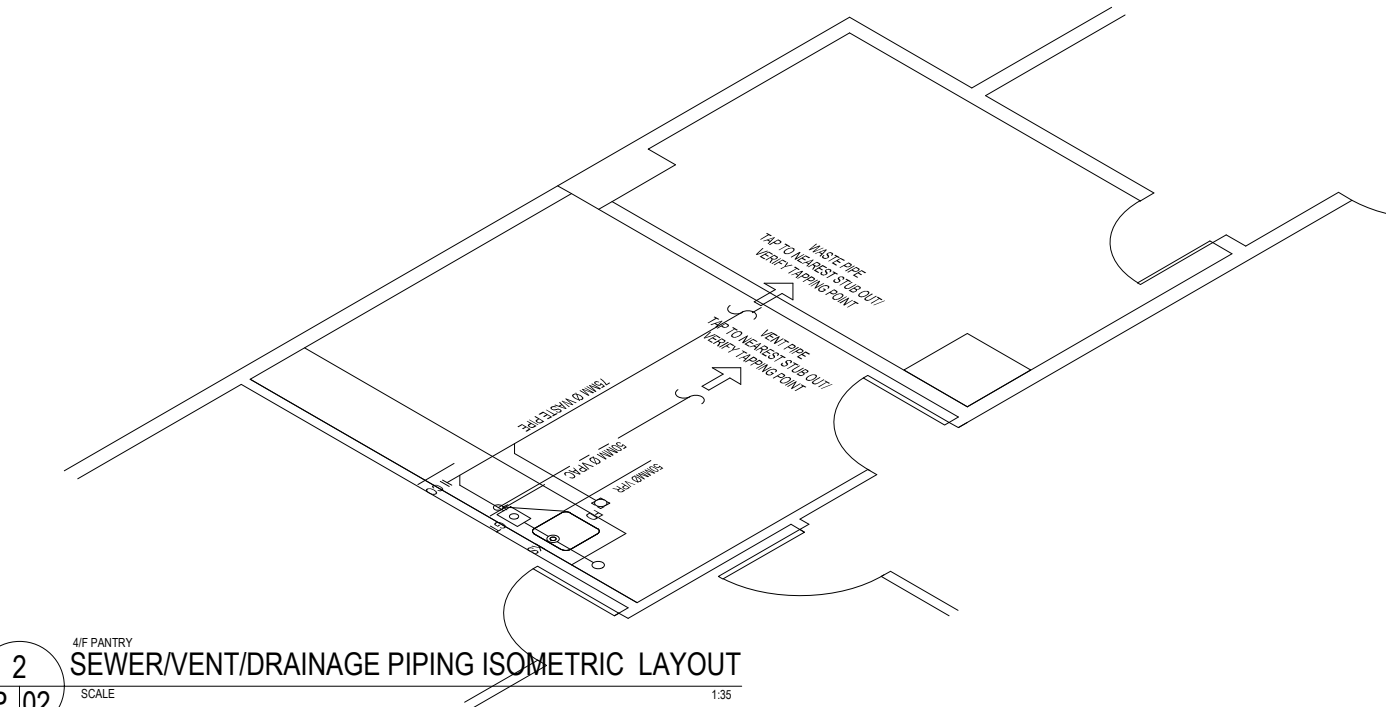
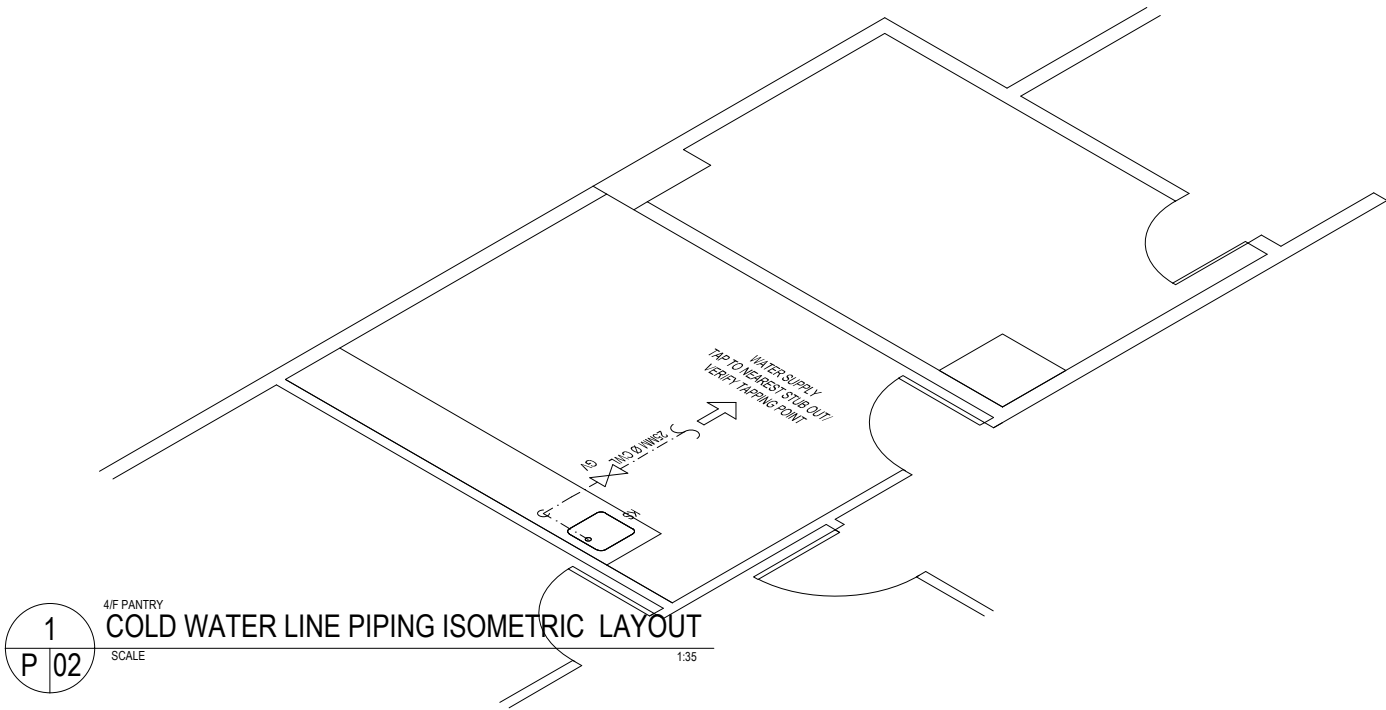
**Supply and Delivery of Labor and Materials, and Provision of Service for the Renovation of the Office of Fair Trade
Enforcement Bureau and DTI Offices in the Bureau of Investments**
17 November 2020

For the guidance and information of all concerned.

MARY JEAN T. PACHECO

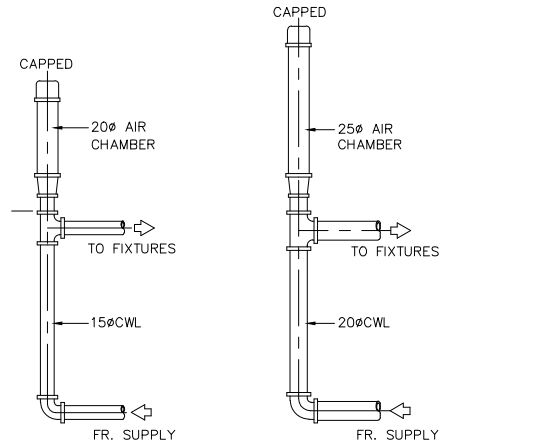
Assistant Secretary

Chairperson, DTI Bids and Awards Committee

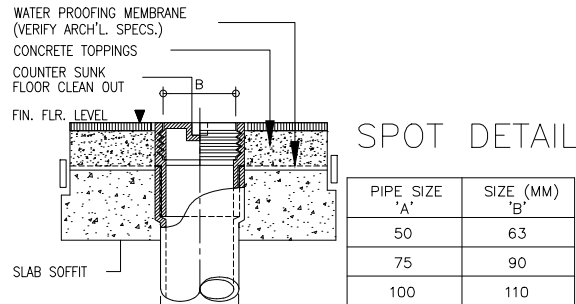
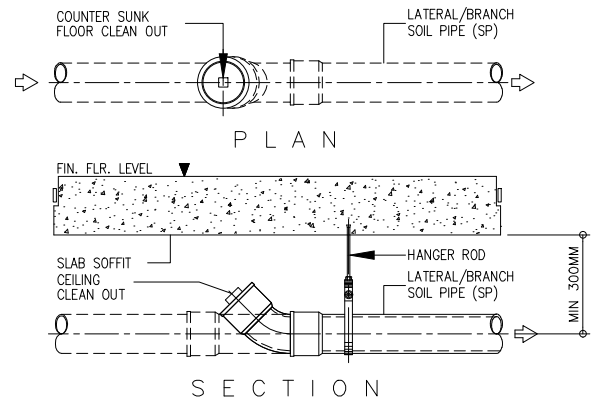


| PIPE SIZE IN 'A' | DIMENSIONS IN MM. | | |
|------------------|-------------------|---------|--------|
| | C | D | F |
| 50 | 38.10 | 100X100 | 225.42 |
| 75 | 38.10 | 125X125 | 225.42 |
| 100 | 40.00 | 150X150 | 225.42 |
| 150 | 50.80 | 200X200 | 282.57 |

3 TYPICAL DETAIL OF FLOOR DRAIN
SCALE NTS

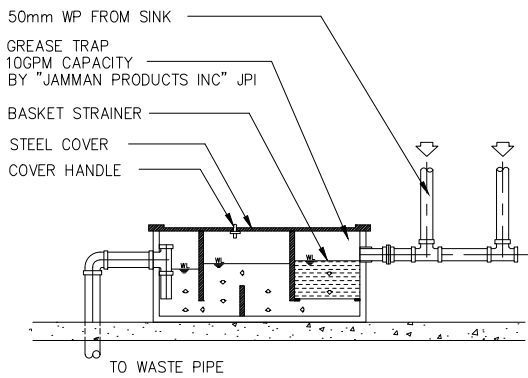


5 DETAIL OF AIR CHAMBER
SCALE NTS



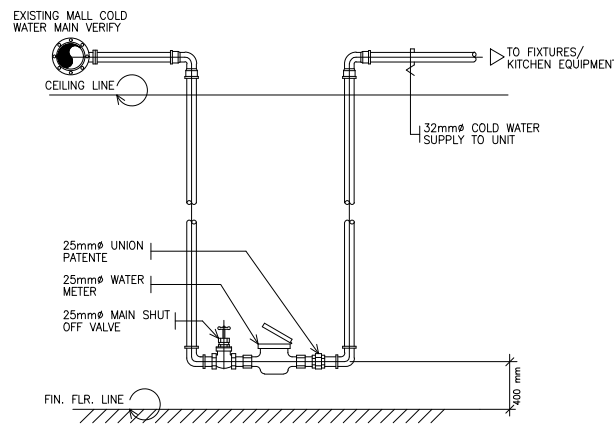
| PIPE SIZE 'A' | SIZE (MM) 'B' |
|---------------|---------------|
| 50 | 63 |
| 75 | 90 |
| 100 | 110 |

4 TYPICAL DETAIL OF CLEANOUT
SCALE NTS



GREASE TRAP BY: " JAMMAN PRODUCTS INC. JPI "

6 DETAIL OF GREASE TRAP
SCALE NTS



7 DETAIL OF WATER METER
SCALE NTS

JAY R. TRONCALES
ARCHITECT

UNIT 1100D V. MADRIGAL BLDG., AYALA AVE., MAKATI CITY 0917-5218025

| ENGINEER | |
|----------|------|
| PTR | DATE |
| PRC | TIN |

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| REVISIONS | DATE |
|-----------|------|
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PROPOSED OFFICE RENOVATION
4TH & 5TH FLOORS, DTI BOI OFFICES, I & I BUILDING, SEN GIL PUYAT AVE., MAKATI

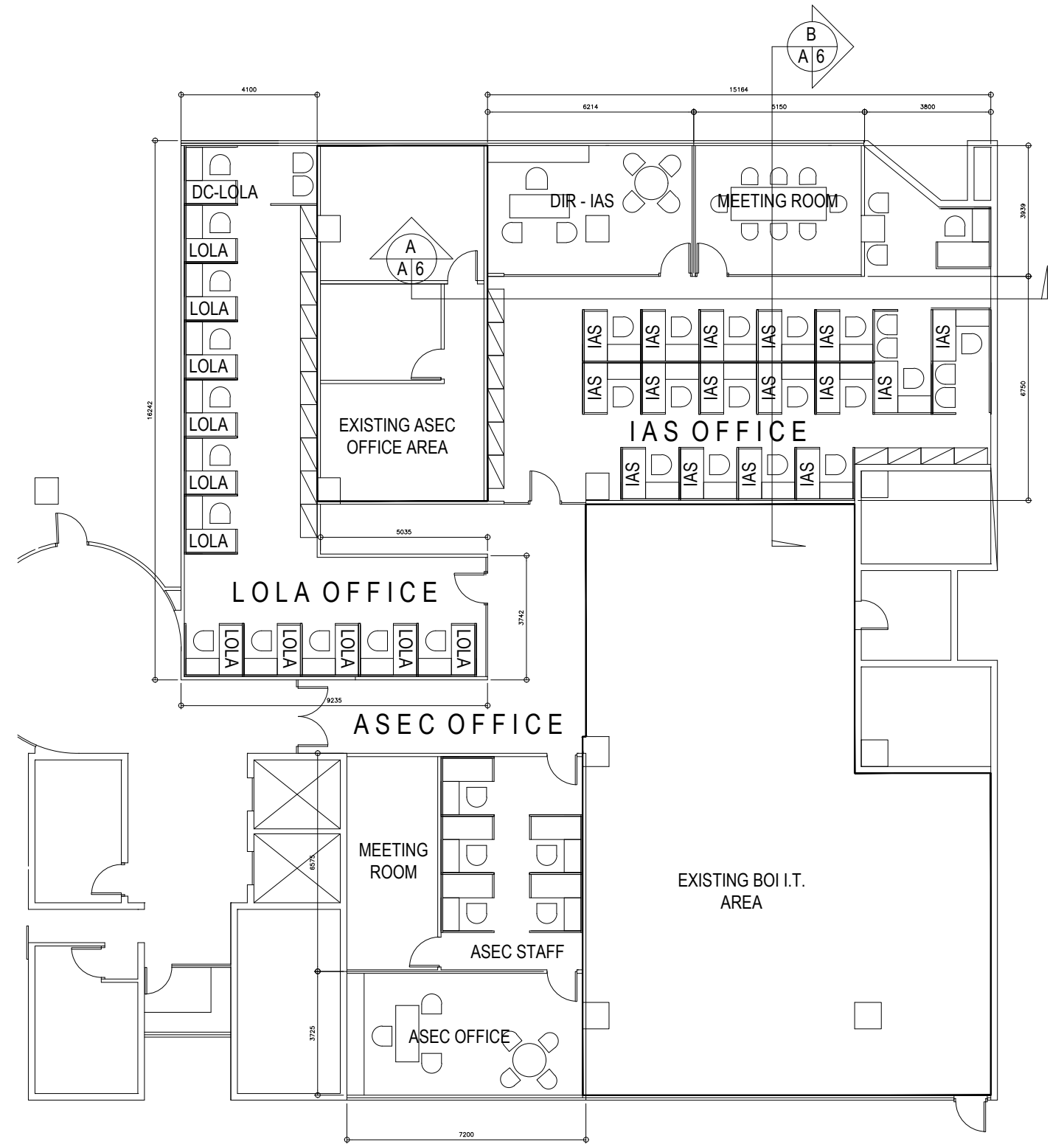
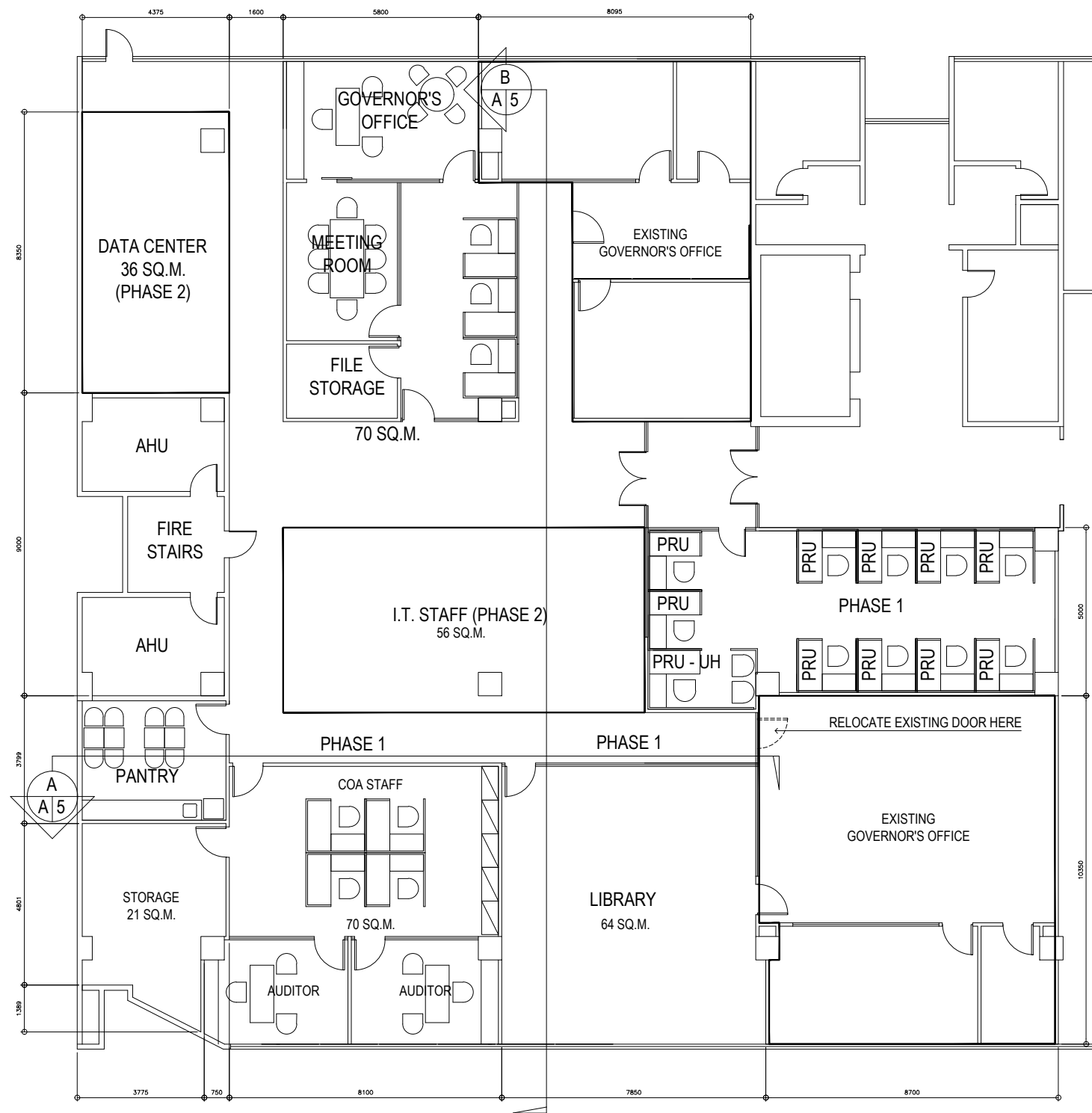
DEPARTMENT OF TRADE & INDUSTRY
BOARD OF INVESTMENTS

SHEET CONTENTS
VARIOUS DETAILS
COLD WATER LINE PIPING ISOMETRIC LAYOUT
SEWER/VENT/DRAINAGE PIPING ISOMETRIC LAYOUT

SHEET NO.

P 02

SANITARY/PLUMBING



JAY R. TRONCALES
 ARCHITECT

UNIT 1100D V. MADRIGAL BLDG., AYALA AVE., MAKATI CITY 0917-5218025

JERICO JOSEPH R. TRONCALES
 PTR 9323737 DATE 01/15/2020
 PRC 12935 TIN 169-061-073

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| REVISIONS | DATE |
|-----------|------|
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| | |

| PROJECT TITLE |
|---|
| PROPOSED OFFICE RENOVATION |
| 4TH & 5TH FLOORS, DTI BOI OFFICES, I & I BUILDING, SEN GIL PUYAT AVE., MAKATI |

| OWNER |
|--|
| DEPARTMENT OF TRADE & INDUSTRY BOARD OF INVESTMENTS |

| SHEET CONTENTS |
|--|
| 4F PROPOSED FLOOR PLAN 5F PROPOSED FLOOR PLAN |

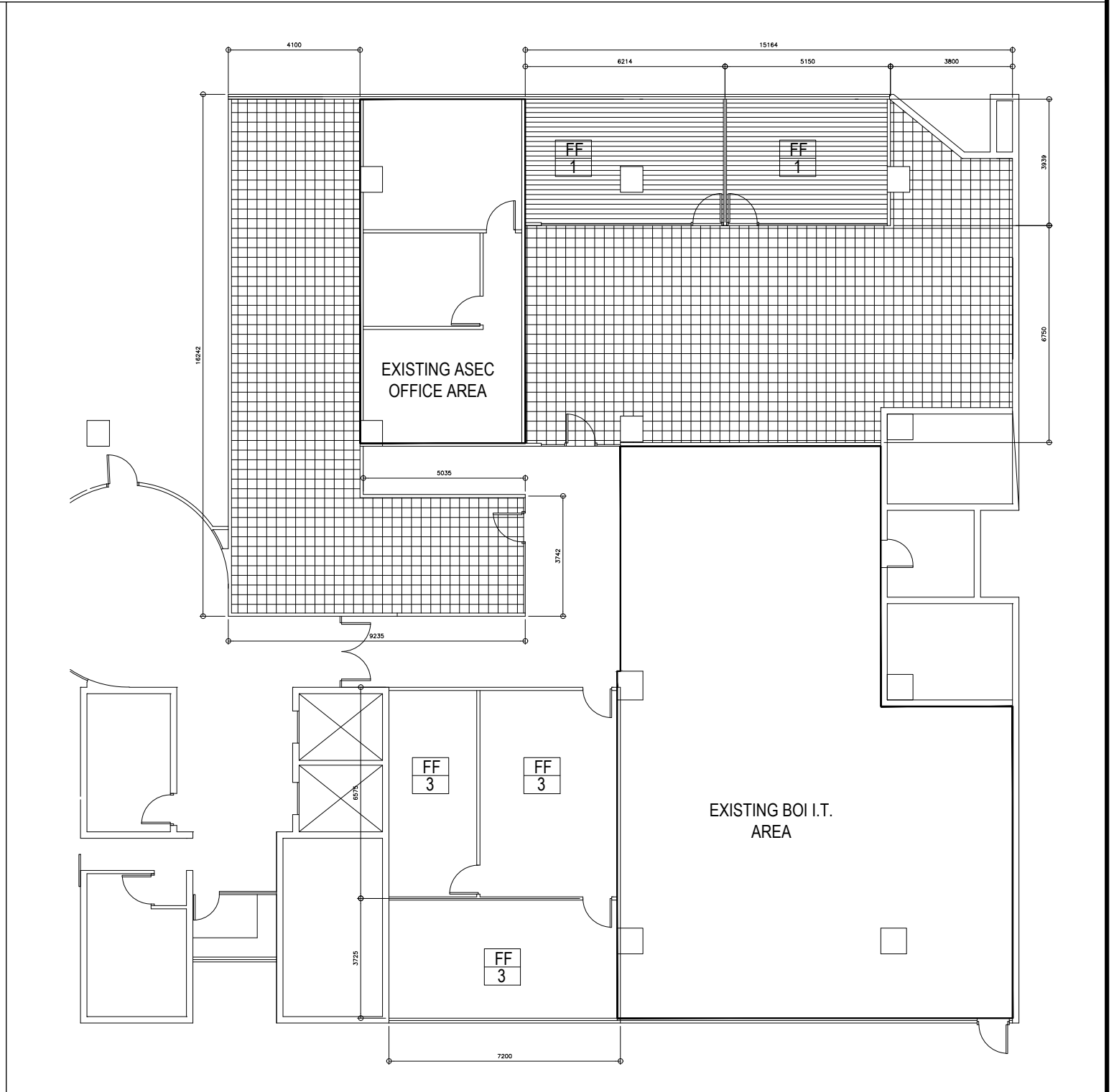
| SHEET NO. |
|---------------|
| A 001 |
| ARCHITECTURAL |

SCHEDULE OF FLOOR FINISHES

| | | | | | |
|------|--|------|---|------|---------------------------------|
| FF 1 | 150MM X 1000MM X 3MM SIMULATED WOOD PLANK VINYL TILES COMPLETE WITH SELF LEVELING CEMENT BASE (REMOVE OR CORRECT BASE FLOOR BEFORE INSTALLATION) | FF 2 | 300MM X 300MM X 3MM VINYL TILES ON SELF LEVELING CEMENT BASE (REMOVE OR CORRECT BASE FLOOR BEFORE INSTALLATION) | FF 3 | RETAIN EXISTING FLOOR TREATMENT |
|------|--|------|---|------|---------------------------------|



1
A/2
4TH FLOOR
FLOOR TREATMENT PLAN
SCALE 1:100



2
A/2
5TH FLOOR
FLOOR TREATMENT PLAN
SCALE 1:100

| | | | | | | | | |
|-------------------------------|---|------------------------------------|-----------|------|---|--|--|---------------|
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| | JERICHO JOSEPH R. TRONCALES | | | | PROPOSED OFFICE RENOVATION | DEPARTMENT OF TRADE & INDUSTRY BOARD OF INVESTMENTS | 4F FLOOR TREATMENT PLAN 5F FLOOR TREATMENT PLAN | A 002 |
| | PTR 9323737 PRC 12935 | DATE 01/15/2020 TIN 169-061-073 | | | 4TH & 5TH FLOORS, DTI BOI OFFICES, I & I BUILDING, SEN GIL PUYAT AVE., MAKATI | | | ARCHITECTURAL |

SCHEDULE OF WALL FINISHES

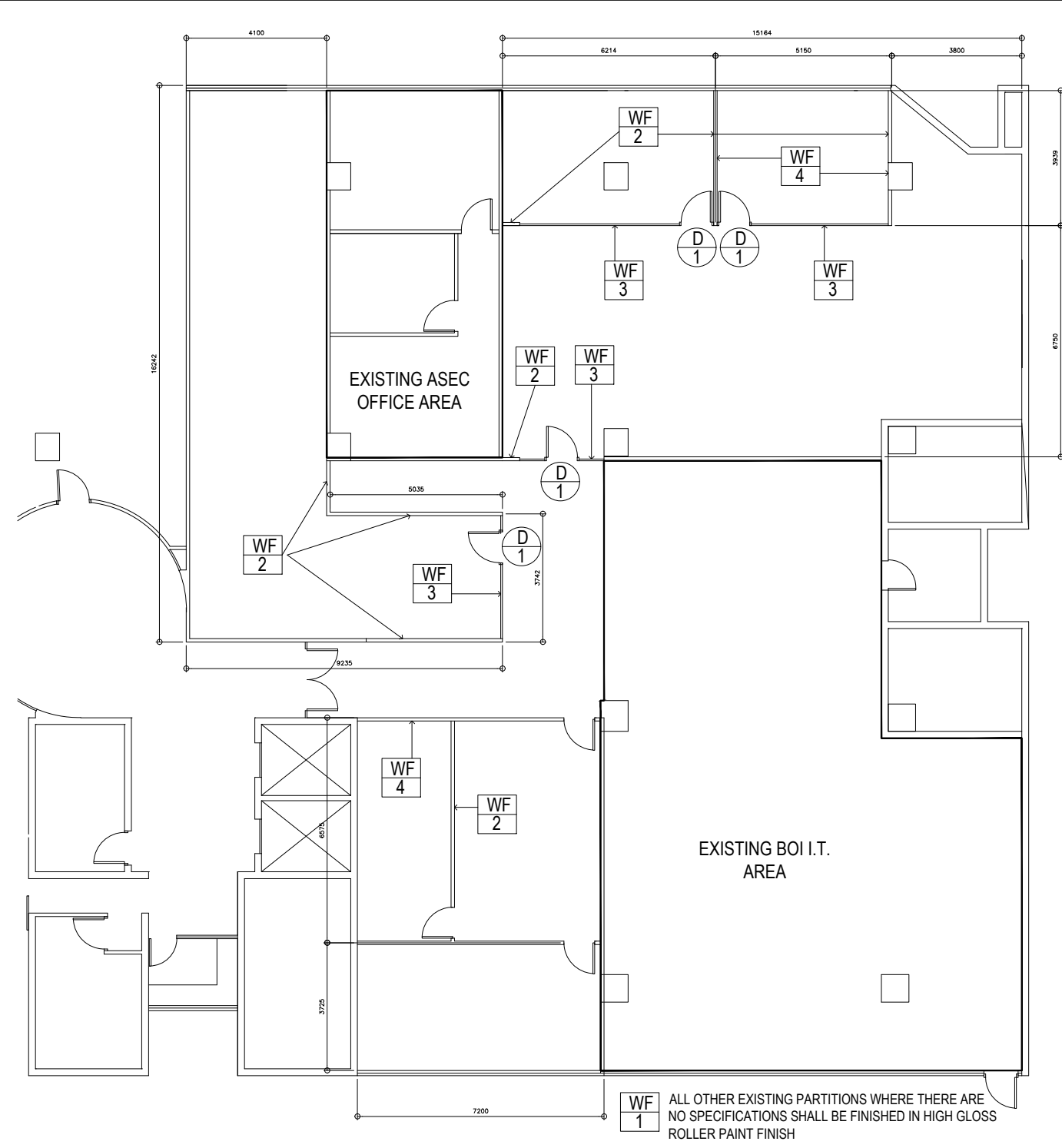
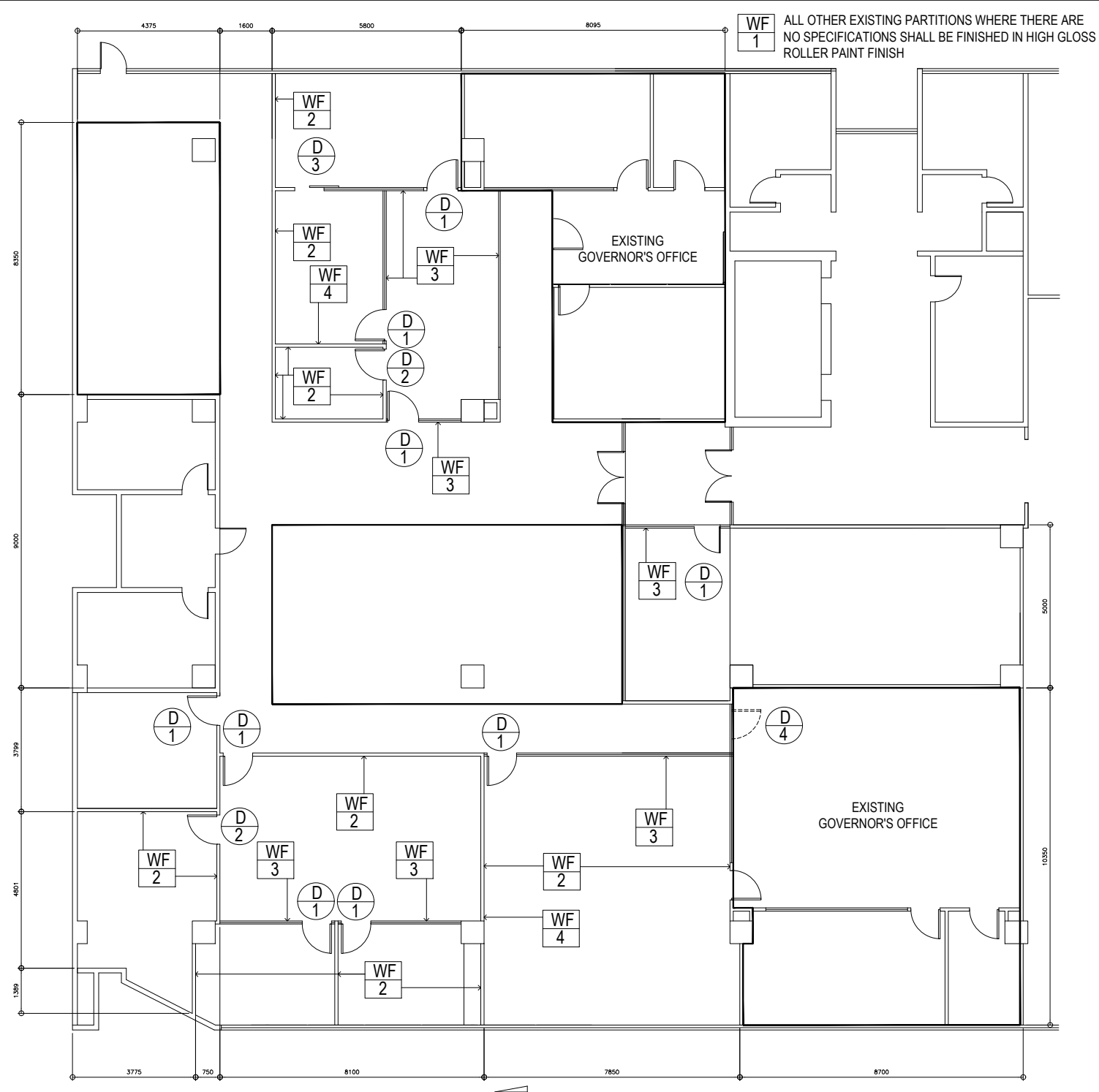
- WF1

ALL OTHER EXISTING PARTITIONS WHERE THERE ARE NO SPECIFICATIONS SHALL BE FINISHED IN HIGH GLOSS ROLLER PAINT FINISH
- WF2

DRY WALL PARTITION USING 12MM THICK GYPSUM BOARD PANELS ON 100MM WIDE METAL FURRING. FINISH IN HIGH GLOSS ROLLER PAINT FINISH
- WF3

½" THICK CLEAR TEMPERED GLASS PANELS WITH FROSTED TINT ON EMBEDDED TOP & BOTTOM ALUMINUM U CHANNEL
- WF4

¼" PAINTED GLASS PANELS AS WHITEBOARD WITH ½" THICK PLYWOOD BACKING



| | | | | | | | | | | | |
|---|--|-----------------|----------------------------|--|--|-----------|------|----------------------------|--|--|-----------|
| <div>JAY R. TRONCALES</div> <div>ARCHITECT</div> <div>UNIT 1100D V. MADRIGAL BLDG., AYALA AVE., MAKATI CITY</div> <div>0917-5218025</div> | | | | | <div>THE COPYRIGHT OF THIS DRAWING AND DESIGN REMAINS THE PROPERTY OF THE ARCHITECT AND NO PORTION MAY BE USED OR REPRODUCED W/O THE WRITTEN CONSENT OF THE ARCHITECT. DO NOT SCALE DRAWINGS. ALL DIMENSIONS ARE SHOWN IN METERS. ANY DISCREPANCY ON THIS SHEET MUST BE VERIFIED WITH THE ARCHITECT AND/OR THE ENGINEER.</div> | REVISIONS | DATE | PROJECT TITLE | OWNER | SHEET CONTENTS | SHEET NO. |
| | | | | | | | | PROPOSED OFFICE RENOVATION | DEPARTMENT OF TRADE & INDUSTRY BOARD OF INVESTMENTS | 4F WALL TREATMENT PLAN 5F WALL TREATMENT PLAN | A 003 |
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| | | | JERICO JOSEPH R. TRONCALES | | | | | | | | |
| PTR 9323737 | | DATE 01/15/2020 | | | | | | | | | |
| PRC 12935 | | TIN 169-061-073 | | | | | | | | ARCHITECTURAL | |

SCHEDULE OF CEILING FINISHES

- CF 1

600MM X 600MM ACOUSTIC CEILING TILES ON METAL RUNNERS ON HANGER RODS
- CF 2

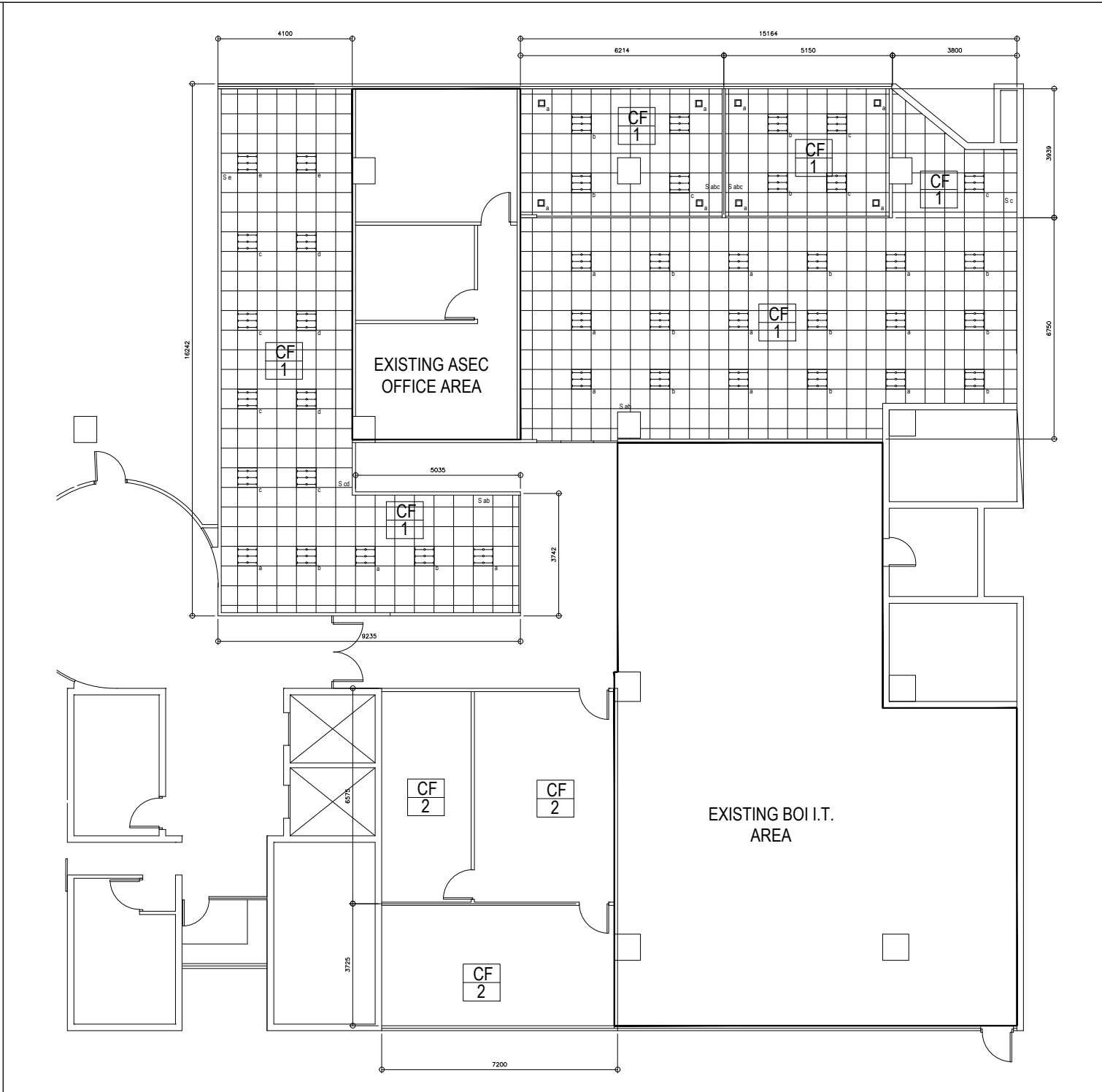
RETAIN EXISTING CEILING TREATMENT

SCHEDULE OF LIGHTING FIXTURES

- 150MM X 150MM 9W LED PANEL LIGHT (COOL WHITE COLOR)
- 600MM X 600MM 3 X 9W LED TUBELIGHT TROFFER WITH SILVER INTERLOCK DIFFUSER
- 14W T5 TUBELIGHT LED FIXTURE

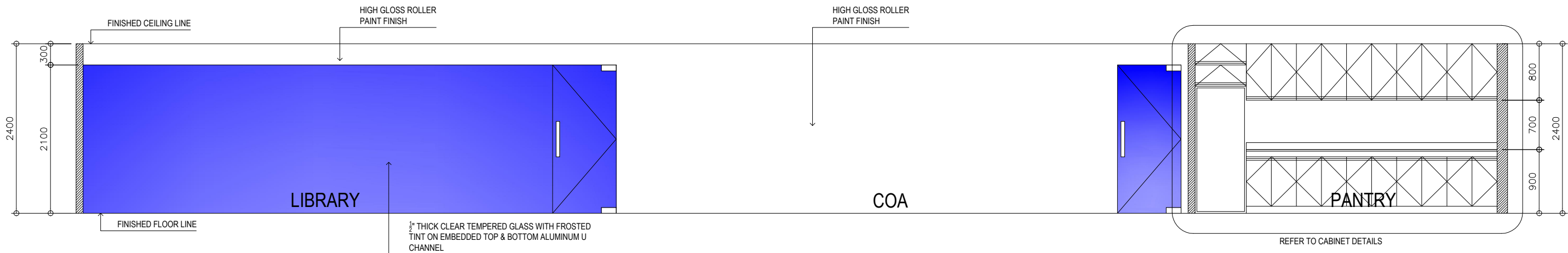


4TH FLOOR
1
A 4
REFLECTED CEILING PLAN
SCALE 1:100

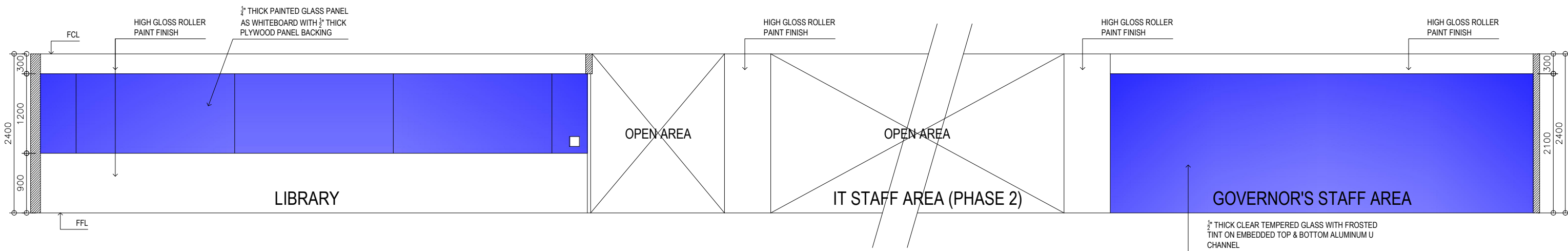


5TH FLOOR
2
A 4
REFLECTED CEILING PLAN
SCALE 1:100

| | | | | | | | | |
|---|--|-----------------|-----------|------|---|---|--|---------------|
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| | PTR 9323737 | DATE 01/15/2020 | | | 4TH & 5TH FLOORS, DTI BOI OFFICES, 1 & 1 BUILDING, SEN GIL PUYAT AVE., MAKATI | | | |
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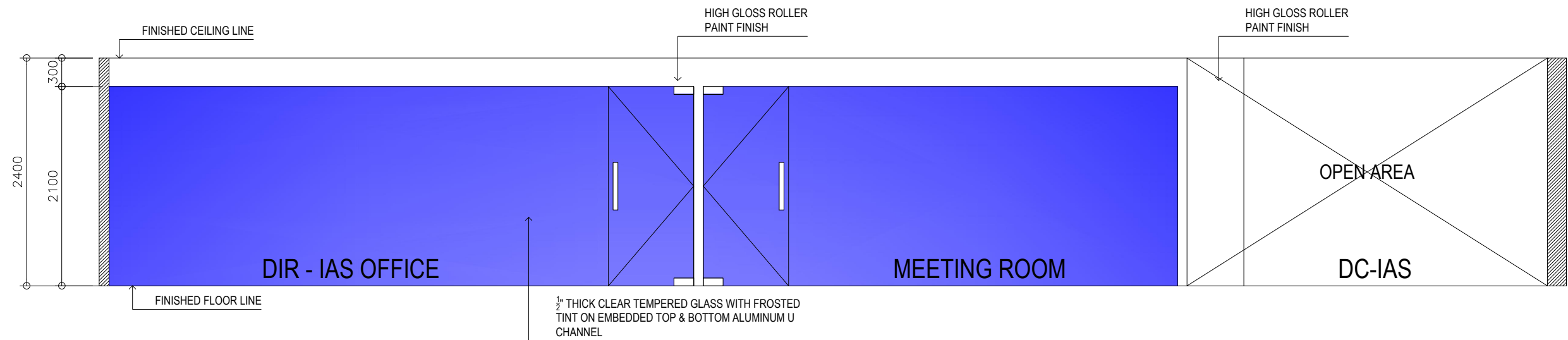


4TH FLOOR
SECTION THRU A
SCALE 1:35

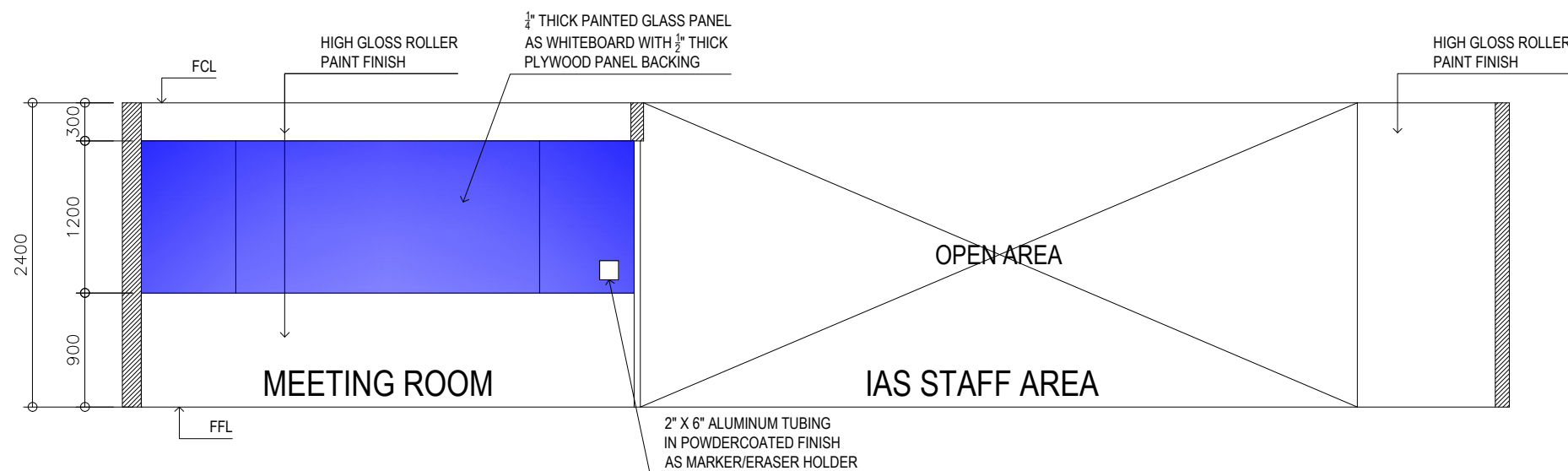


4TH FLOOR
SECTION THRU B
SCALE 1:35

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| <div>JERICO JOSEPH R. TRONCALES</div> | | | | | | | | | |
| PTR | 9323737 | DATE | 01/15/2020 | | | | | | |
| PRC | 12935 | TIN | 169-061-073 | | | | | | |



5TH FLOOR
SECTION THRU A
SCALE 1:30



5TH FLOOR
SECTION THRU B
SCALE 1:30

JAY R. TRONCALES
ARCHITECT

UNIT 1100D V. MADRIGAL BLDG., AYALA AVE., MAKATI CITY 0917-5218025

JERICO JOSEPH R. TRONCALES

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| PTR | 9323737 | DATE | 01/15/2020 |
| PRC | 12935 | TIN | 169-061-073 |

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| REVISIONS |
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| DATE |
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PROJECT TITLE
PROPOSED OFFICE RENOVATION
4TH & 5TH FLOORS, DTI BOI OFFICES, I & I BUILDING, SEN GIL PUYAT AVE., MAKATI

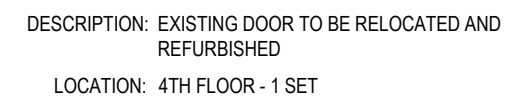
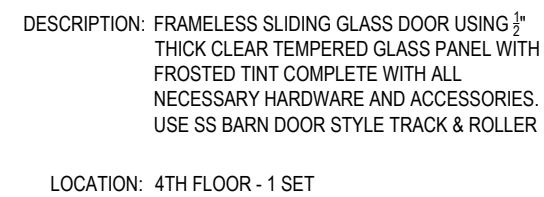
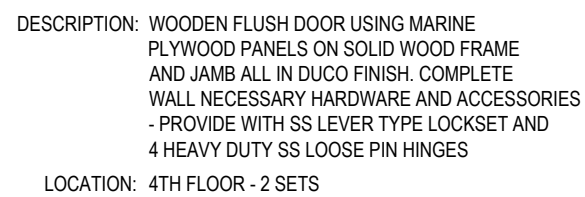
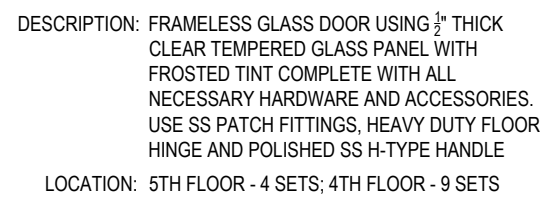
OWNER
**DEPARTMENT OF TRADE & INDUSTRY
BOARD OF INVESTMENTS**

SHEET CONTENTS
5F SECTION THRU A
5F SECTION THRU B

SHEET NO.

A 006

ARCHITECTURAL



DOOR SCHEDULE



PANTRY CABINET DETAILS

ARCHITECTURAL

GENERAL NOTES

1.

ALL ELECTRICAL INSTALLATIONS INDICATED HEREIN SHALL BE DONE IN ACCORDANCE WITH THE PROVISIONS OF THE LATEST EDITION OF THE PHIL. ELECTRICAL CODE AND THE LAWS AND ORDINANCES OF MAKATI CITY.
2.

THE TYPE OF POWER SERVICE SHALL BE 230V., THREE PHASE, 60 HERTZ.
3.

ALL MATERIALS TO BE USED SHALL BE NEW AND OF THE APPROVED TYPE FOR ITS INTENDED USE AND LOCATION
4.

MINIMUM SIZES OF WIRES AND CONDUIT SHALL BE 3.5 mm AND 15 mm DIAMETER RESPECTIVELY.
5.

ALL BRANCH CIRCUIT BREAKERS SHALL BE "BOLT-ON TYPE" WITH 10 KAIC MINIMUM. ALL MAIN CIRCUIT BREAKERS SHALL BE INDUSTRIAL TYPE WITH KAIC RATING AS INDICATED IN THE PLAN.
6.

ALL FEEDER & BRANCH WIRING SHALL BE IN INTERMEDIATE METALLIC CONDUIT (IMC). OPEN WIRING, OPEN PULL BOX, OPEN JUNCTION BOX, BX WIRES, AND PVC CONDUITS ARE NOT ALLOWED.
7.

PROVIDE JUNCTION / PULL BOXES WHEN NECESSARY EVEN IF IT IS NOT SHOWN IN THE PLAN, AND SHOW THEM IN THE AS-BUILT DRAWINGS
8.

PREFERRED BRAND OF MATERIALS ARE AS FOLLOWS :

a. IMC CONDUIT

MATSUSHITA

b. WIRES & CABLES

PHILFLEX OR DURAFLEX

c. CIRCUIT BRAKERS

G.E. OR SQUARE D

d. UTILITY / JUNCTION BOXES

FUMACO, TIMCO, AMCO

e. WIRING DEVICES

PANASONIC WIDE SERIES

f. LIGHTING FIXTURE

VERIFY MATERIAL SPECS
9.

DROPPINGS FOR LIGHTING BRANCH CIRCUITS FOR JUNCTION BOX TO LIGHTING FIXTURES SHALL BE IN FLEXIBLE METALLIC CONDUIT WITH APPROPRIATE BOX CONNECTORS.
10.

FOR WIRES 5.5 mm AND SMALLER, USE PRESSURE TYPE CONNECTORS OR WIRE NUTS. FOR 8 mm AND LARGER, USE SOLDERLESS CONNECTORS.
11.

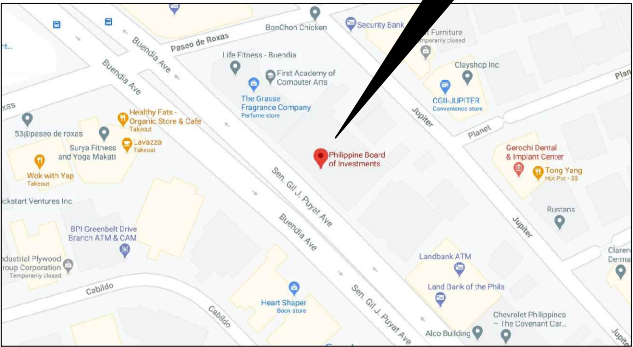
FOR EACH SPARE BREAKER IN PANELBOARD, PROVIDE A 20 mm (3/4") DIAMETER EMPTY IMC CONDUIT TERMINATING TO A 4" x 4" JUNCTION BOX ABOVE CEILING.
12.

ALL ELECTRICAL WORKS SHALL BE DONE UNDER THE DIRECT SUPERVISION OF A DULY LICENSED / REGISTERD ELECTRICAL ENGINEER.

LEGEND

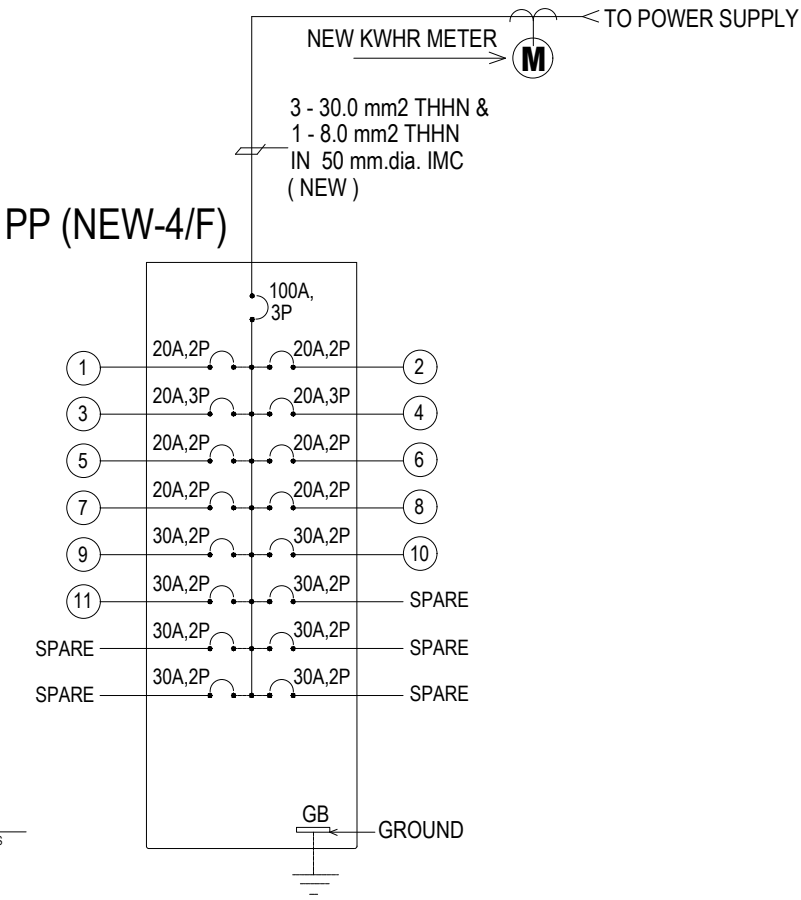
- 150MM X 150MM 9W LED PANEL LIGHT (COOL WHITE COLOR)
- 600MM X 600MM 3 X 9W LED TUBELIGHT TROFFER WITH SILVER INTERLOCK DIFFUSER
- 14 W LED TUBE LIGHTING FIXTURE

THE SITE

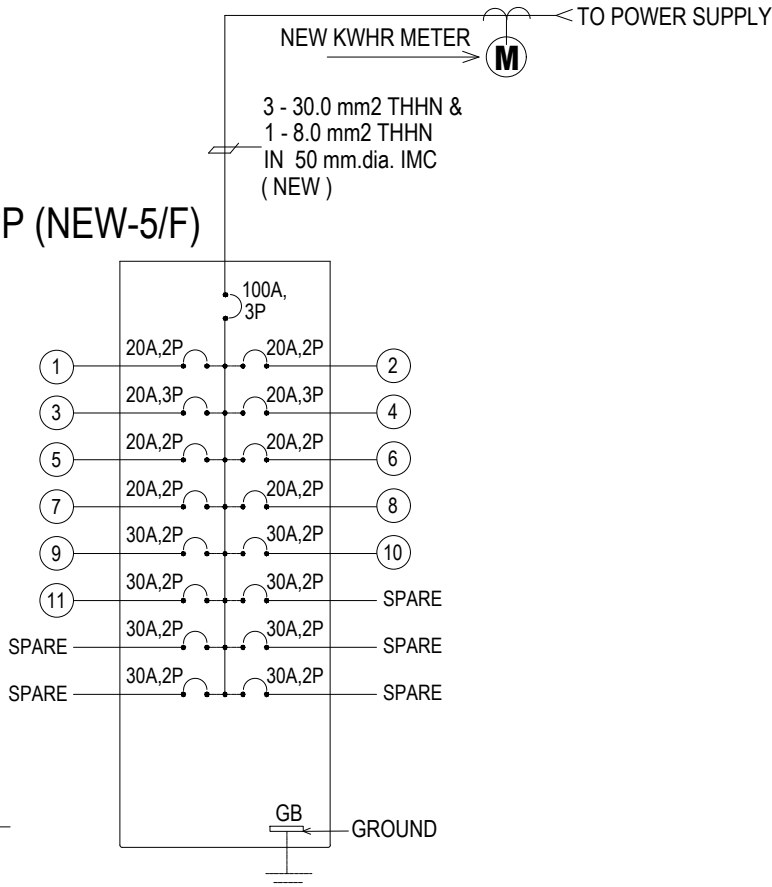


VICINITY MAP

4TH FLOOR
POWER SINGLE LINE DIAGRAM



PP (NEW-5/F)



JAY R. TRONCALES
ARCHITECT

ENGINEER

PTR

DATE

PRC

TIN

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REVISIONS

DATE

PROJECT TITLE

PROPOSED OFFICE RENOVATION

4TH & 5TH FLOORS, DTI BOI OFFICES, I & I BUILDING,
SEN GIL PUYAT AVE., MAKATI

OWNER

DEPARTMENT OF TRADE & INDUSTRY
BOARD OF INVESTMENTS

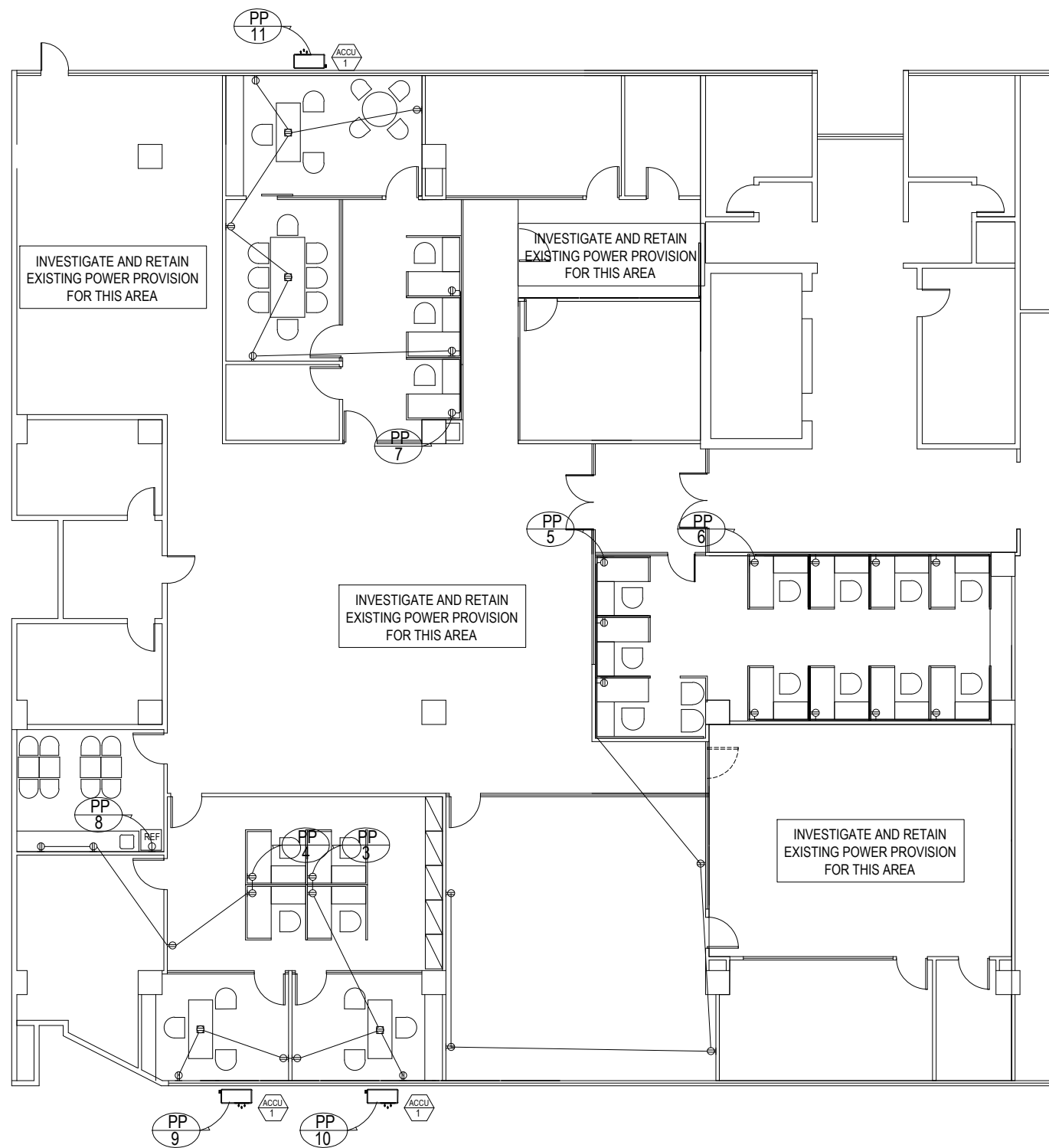
SHEET CONTENTS

GENERAL NOTES
VICINITY MAP
POWER SINGLE LINE DIAGRAM
SCHEDULE OF LOADS

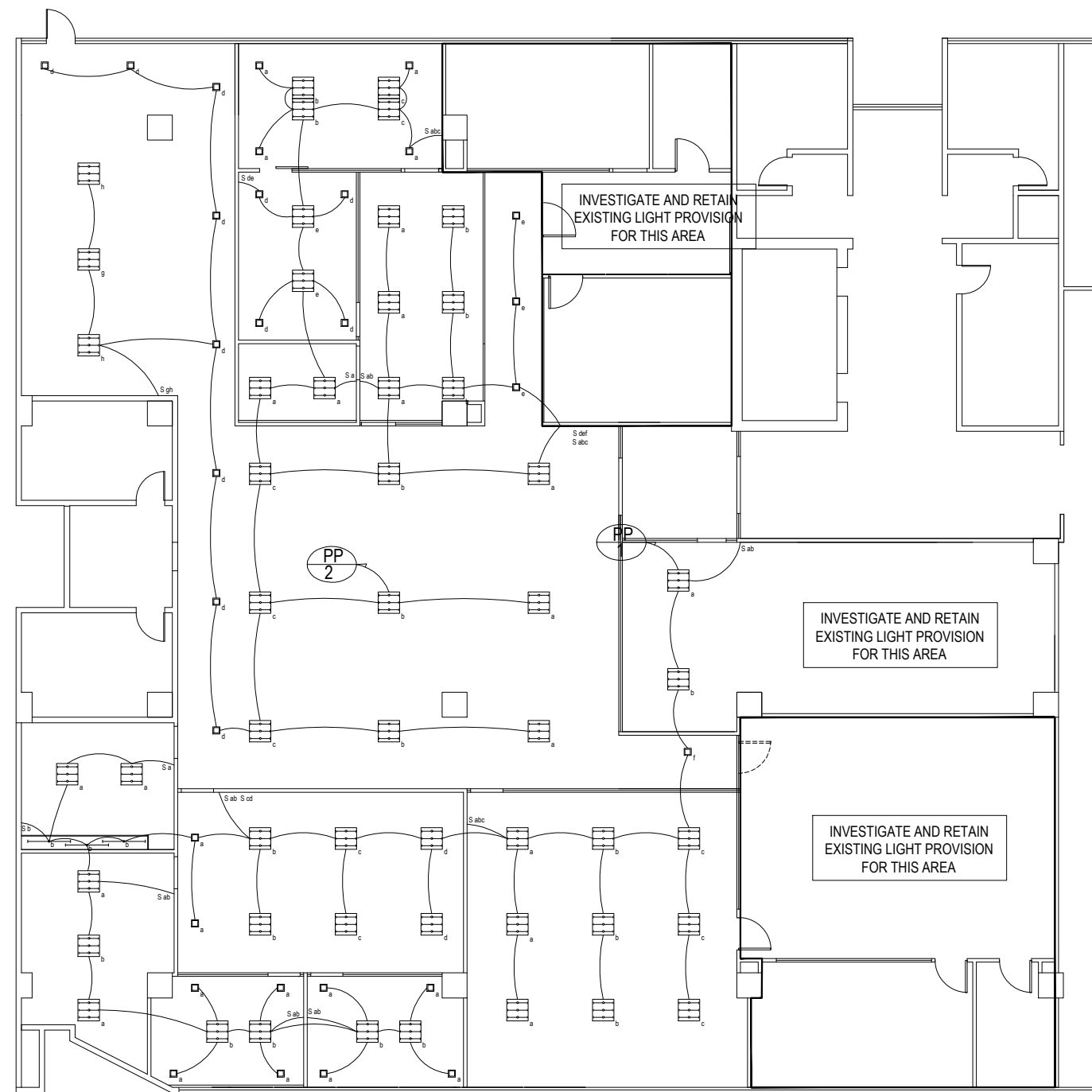
SHEET NO.

E 001

ELECTRICAL



1
E 02
4TH FLOOR
POWER LAY-OUT
SCALE 1:100



2
E 02
4TH FLOOR
LIGHTING LAY-OUT
SCALE 1:100

JAY R. TRONCALES
ARCHITECT

| | |
|----------|------|
| ENGINEER | |
| PTR | DATE |
| PRC | TIN |

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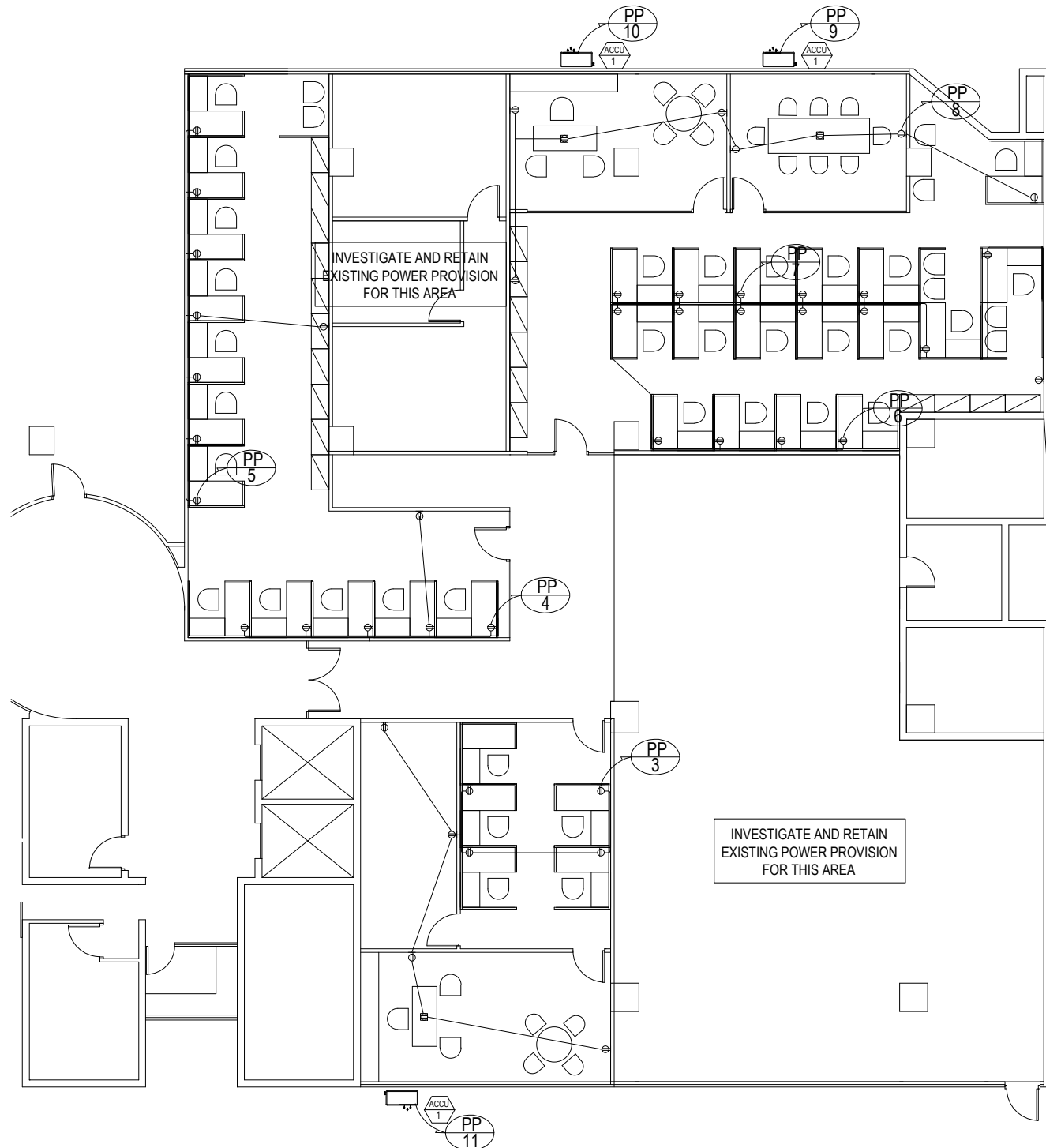
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| REVISIONS | DATE |
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PROJECT TITLE
PROPOSED OFFICE RENOVATION
4TH & 5TH FLOORS, DTI BOI OFFICES, I & I BUILDING,
SEN GIL PUYAT AVE., MAKATI

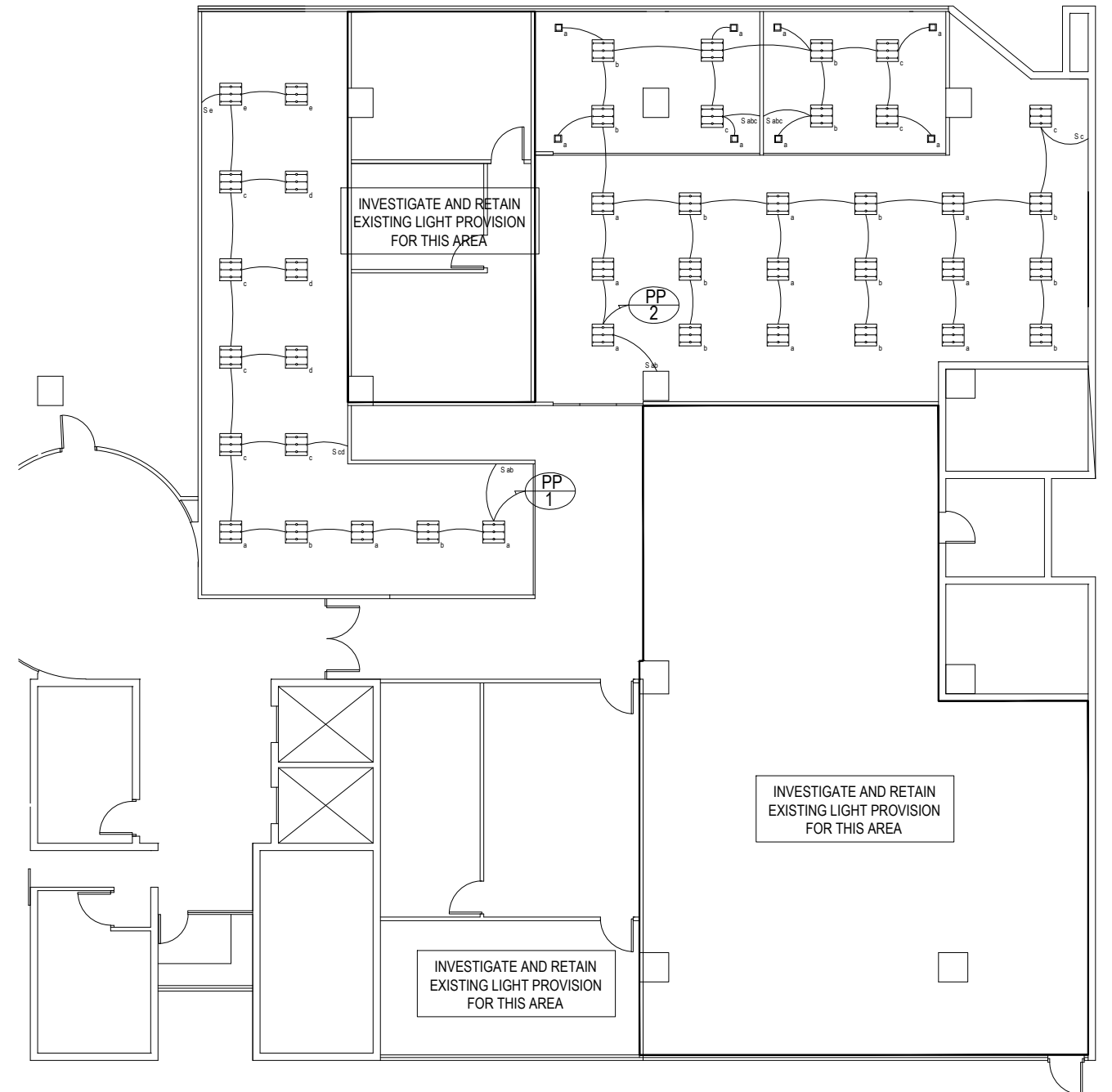
OWNER
**DEPARTMENT OF TRADE & INDUSTRY
BOARD OF INVESTMENTS**

SHEET CONTENTS
4/F POWER LAY-OUT
4/F LIGHTING LAY-OUT

SHEET NO.
E 002
ELECTRICAL



1
E 02
5TH FLOOR
POWER LAY-OUT
SCALE 1:100




2
E 02
5TH FLOOR
LIGHTING LAY-OUT
SCALE 1:100

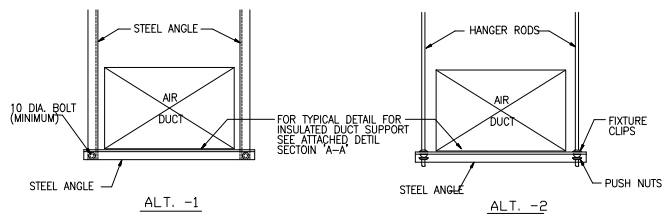
| | | | | | | | | | |
|---|----------|------|---|-----------|------|---|---|---|---|
| <div>JAY R. TRONCALES</div> <div>ARCHITECT</div> <div>UNIT 1100D V. MADRIGAL BLDG., AYALA AVE., MAKATI CITY0917-5218025</div> | ENGINEER | | <div>THE COPYRIGHT OF THIS DRAWING AND DESIGN REMAINS THE PROPERTY OF THE ARCHITECT AND NO PORTION MAY BE USED OR REPRODUCED W/O THE WRITTEN CONSENT OF THE ARCHITECT. DO NOT SCALE DRAWING. ALL DIMENSIONS ARE SHOWN IN METERS. ANY DISCREPANCY ON THIS SHEET MUST BE VERIFIED WITH THE ARCHITECT AND/OR THE ENGINEER.</div> | REVISIONS | DATE | <div>PROJECT TITLE</div> <div>PROPOSED OFFICE RENOVATION</div> <div>4TH & 5TH FLOORS, DTI BOI OFFICES, I & I BUILDING, SEN GIL PUYAT AVE., MAKATI</div> | <div>OWNER</div> <div>DEPARTMENT OF TRADE & INDUSTRY BOARD OF INVESTMENTS</div> | <div>SHEET CONTENTS</div> <div>5/F POWER LAY-OUT 5/F LIGHTING LAY-OUT</div> | <div>SHEET NO.</div> <div>E 003</div> <div>ELECTRICAL</div> |
| | | | | | | | | | |
| | | | | | | | | | |
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| | | | | | | | | | |
| | PTR | DATE | | | | | | | |
| | PRC | TIN | | | | | | | |

GENERAL NOTES

1. ALL DIMENSIONS ARE IN MILLIMETERS (mm) UNLESS OTHERWISE NOTED.
2. ALL DUCT DIMENSION INDICATE INSIDE CLEAR DIMENSION IN MILLIMETER.
3. ALL DUCTWORK TO BE FABRICATED IN ACCORDANCE WITH SMACNA STANDARDS.
4. CONSTRUCTION SHALL CONFORM TO LOCAL BUILDING CODES AND STANDARDS. SHOULD THE CONTRACTOR PERFORM ANY WORK THAT DOES NOT COMPLY WITH THE ABOVE, HE SHALL BEAR ALL COSTS ARISING IN CORRECTING THESE DEFICIENCIES.
5. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE SPECIFICATION AND RELEVANT DRAWINGS.
6. ALL OPENINGS FOR DUCTS & PIPES SHALL NOT IN ANYWAY PENETRATE A STRUCTURAL RIB ON BEAMS UNLESS OTHERWISE AUTHORIZED AND APPROVED.
7. ALL NECESSARY GOVERNMENT PERMITS SHALL BE SECURED AND PAID BY THE MECHANICAL CONTRACTOR.
8. THE PROSPECTIVE CONTRACTOR SHALL VISIT AND SURVEY THE PLACE OF INSTALLATION.
9. A/C DUCT INSULATION SHALL BE 25mm. ROCKWOOL INSULATION WITH ALUMINUM FOIL WRAPPING.

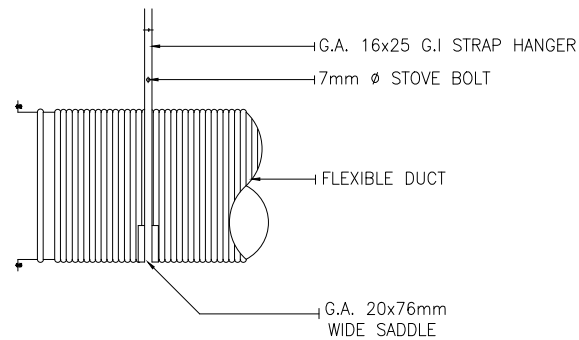
LEGEND AND SYMBOLS

| | |
|---|---|
| TR | TONS OF REFRIGERATIONS |
| DC | DRAIN CONNECTION |
| KW | KILOWATTS |
| EF | EXHAUST FAN |
| HP | HORSEPOWER |
| SD | SPLITTER DAMPER |
| FCU | FAN COIL UNIT |
| SCD | SUPPLY CEILING DIFFUSER |
| SAD | SUPPLY AIR DUCT |
| RAG | RETURN AIR GRILLE |
| RAD | RETURN AIR DUCT |
| CFM | CUBIC FEET PER MINUTE |
| CMH | CUBIC METER PER HOUR |
| ACCU | AIR COOLED CONDENSING UNIT |
| BTU/HR | BRITISH THERMAL UNIT PER HOUR |
|  | NEW 4-WAY SUPPLY CEILING DIFFUSER (300MM X 300MM) |



| RECOMMENDED HANGER SIZES FOR RECTANGULAR DUCT | | | |
|---|-------------------------------|-----------------------------|-----------------|
| LONGEST DIMENSION | ANGLE HANGER/TRAPEZE (ALT.-1) | HANGER ROD/TRAPEZE (ALT.-2) | MAXIMUM SPACING |
| UP Thru 450mm | 25mm X 25mm X 3mm | 6mm { | 3.00 M. |
| 460 Thru 760 | 25mm X 25mm X 3mm | 6mm { | 3.00 M. |
| 780 Thru 1070 | 40mm X 40mm X 3mm | 6mm { | 3.00 M. |
| 1080 Thru 1520 | 40mm X 40mm X 3mm | 8mm { | 3.00 M. |
| 1530 Thru 2130 | 50mm X 50mm X 3mm | 8mm { | 2.40 M. |

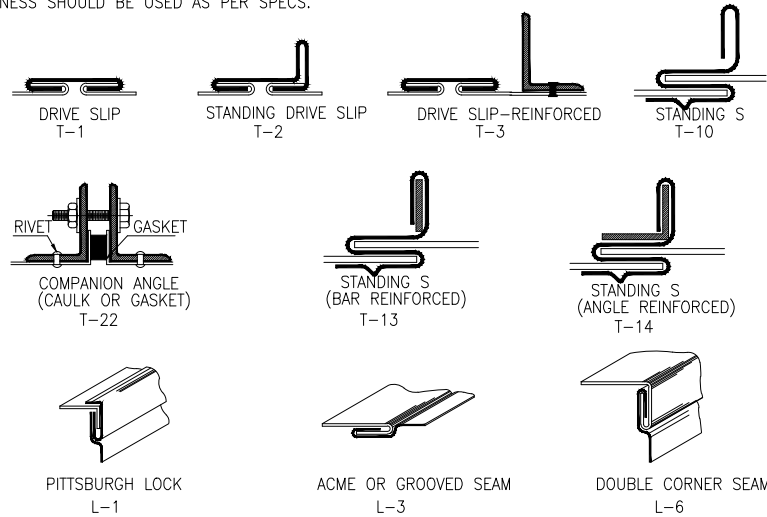
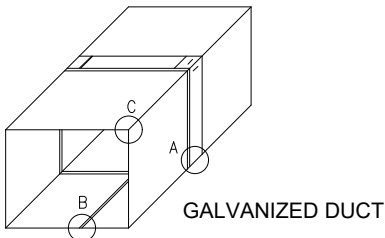
RECTANGULAR DUCT HANGER DETAIL



TYPICAL FLEXIBLE DUCT HANGER

| DUCT SIZE | DUCT GAGE | JOINT SPACING (FEET) | JOINT TYPE | JOINT GAGE | RENOURISHMENT |
|-----------|-----------|----------------------|------------|------------|-----------------------------|
| 6-12 | 28 | 6-7 | T-1 | 28 | NON |
| 13-24 | 28 | 6-7 | T-2 OR T-3 | 28 | ANGLE 1X1 GASS OR U CHANNEL |
| 25-36 | 26 | 6-7 | T-10 | 26 | NON |
| 37-48 | 24 | 3-4 | T-13 | 24 | BAR 1X1/8 |
| 49-60 | 22 | 3-4 | T-14 | 22 | ANGLE 1X1X1/8 |
| 60-72 | 20 | 3-4 | T-22 | 20 | ANGLE 11/4X11/4X1/8 |
| OVER-72 | 20 | 3-4 | T-22 | 20 | ANGLE 11/2X11/2X1/8 |

TABLE SHOW THE THICKNESS RELATED TO UP OVER MANUFACTURING DETAIL IF ANY DEVIATION 5 FEET METAL THICKNESS SHOULD BE USED AS PER SPECS.



DUCT TRANVERSE JOINTS DETAIL

1

M 01

SCALE

NTS

AIR COOLED CONDENSING UNIT

| UNIT DESIGNATION | QTY. | AREA SERVED | COOLING CAPACITY | | OPERATING TEMPERATURE | | | | COMPRESSOR DATA | | | | | CONDENSER DATA | | | | | | APPROXIMATE OPERATING WEIGHT (KGS) | REMARKS |
|------------------|------|-------------------------|------------------|---------|-----------------------|----|------------|-----|-----------------|----------|-------------------|-------|-------|----------------------|--------|-------|-------------------|-------|-------|------------------------------------|---|
| | | | HP | BTU/ HR | EVAPORATING | | CONDENSING | | NO. | KW INPUT | ELECTRICAL SUPPLY | | | NO. OF PROPELLER FAN | DRIVE | WATTS | ELECTRICAL SUPPLY | | | | |
| | | | | | °C | °F | °C | °F | | | VOLTS | PHASE | CYCLE | | | | VOLTS | PHASE | CYCLE | | |
| | | | | | | | | | | | | | | | | | | | | | |
| ACCU-1 | 6 | OFFICES & MEETING ROOMS | 1.5 | 13,680 | 4.44 | 40 | 48.8 | 120 | 1 | 1.50 | 220 | 1 | 60 | 1 | DIRECT | 45 | 220 | 1 | 60 | 41 | UNIT SHALL BE SUITABLE FOR OUTDOOR INSTALLATION PROVIDE WITH SAFETY DEVICES, TIMER MOTOR FOR COMPRESSOR, ANTI-CYCLING HIGH & LOW PRESSURE CONTROLS, VIBRATION ISOLATORS AND OTHER STANDARD ACCESSORIES. SIMILAR TO DAIKIN, PANASONIC BRAND OR APPROVED EQUAL (INVERTER TYPE). |

FAN COIL UNIT

| UNIT DESIGNATION | QTY. | AREA SERVED | COOLING CAPACITY | | AIR FLOW | CAPACITY | C O L D A T A | | | | M O T O R | | D A T A | | | APPROXIMATE OPERATING WEIGHT (KGS) | R E M A R K S |
|------------------|------|-------------------------|------------------|---------|----------|----------|-----------------|-------------|-----|--------|-----------|-------|-------------------|-------|-------|------------------------------------|---|
| | | | HP | BTU/ HR | CFM | CMH | NO. OF CIRCUITS | NO. OF ROWS | FPI | DRIVE | HP | WATTS | ELECTRICAL SUPPLY | | | | |
| | | | | | | | | | | | | | VOLTS | PHASE | CYCLE | | |
| FCU-1 | 12 | OFFICES & MEETING ROOMS | 1.5 | 13,680 | 600 | 1,020 | 1 | 3 | 12 | DIRECT | 0.047 | 35 | 220 | 1 | 60 | 12 | UNIT SHALL BE HI-WALL TYPE, FREE BLOW COMPLETE WITH WASHABLE TYPE AIR FILTERS, FITTINGS, VIBRATION ISOLATORS AND OTHER STANDARD ACCESSORIES. SIMILAR TO DAIKING, PANASONIC BRAND OR APPROVED EQUAL. |

2

M 01

SCALE

NTS

| | | | | | | | | | | |
|---|----------|--|--|-----------|------|--|--|----------------------------------|-----------|--|
| <div>JAY R. TRONCALES</div> <div>ARCHITECT</div> <div>UNIT 1100D V. MADRIGAL BLDG., AYALA AVE., MAKATI CITY0917-5218025</div> | ENGINEER | | THE COPYRIGHT OF THIS DRAWING AND DESIGN REMAINS THE PROPERTY OF THE ARCHITECT AND NO PORTION MAY BE USED OR REPRODUCED W/O THE WRITTEN CONSENT OF THE ARCHITECT. DO NOT SCALE DRAWING. ALL DIMENSIONS ARE SHOWN IN METERS. ANY DISCREPANCY ON THIS SHEET MUST BE VERIFIED WITH THE ARCHITECT AND/OR THE ENGINEER. | REVISIONS | DATE | PROJECT TITLE PROPOSED OFFICE RENOVATION 4TH & 5TH FLOORS, DTI BOI OFFICES, I & I BUILDING, SEN GIL PUYAT AVE., MAKATI | OWNER DEPARTMENT OF TRADE & INDUSTRY BOARD OF INVESTMENTS | SHEET CONTENTS | SHEET NO. | |
| | | | | | | | | GENERAL NOTES VARIOUS DETAILS | M 001 | |
| | PTR | | | DATE | | | | | | |
| | PRC | | | TIN | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | MECHANICAL | | |



1
M 02 4/F AC/VENTILATION LAY-OUT
SCALE 1:100



2
M 02 5/F AC/VENTILATION LAY-OUT
SCALE 1:100

JAY R. TRONCALES
ARCHITECT

UNIT 1100D V. MADRIGAL BLDG., AYALA AVE., MAKATI CITY 0917-5218025

| | |
|----------|------|
| ENGINEER | |
| PTR | DATE |
| PRC | TIN |

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| | |
|-----------|------|
| REVISIONS | DATE |
| | |
| | |
| | |

PROPOSED OFFICE RENOVATION
4TH & 5TH FLOORS, DTI BOI OFFICES, I & I BUILDING,
SEN GIL PUYAT AVE., MAKATI

DEPARTMENT OF TRADE & INDUSTRY
BOARD OF INVESTMENTS

SHEET CONTENTS
4/F AC/VENTILATION LAY-OUT
5/F AC/VENTILATION LAY-OUT

SHEET NO.

M 002

MECHANICAL

GENERAL NOTES

1.
- ALL PLUMBING WORKS INCLUDED HEREIN SHALL BE EXECUTED ACCORDING TO THE PROVISIONS OF THE PHIL. PLUMBING CODE. THE NATIONAL PLUMBING CODE & THE RULES & REGULATIONS OF MAKATI.
2.
- COORDINATE THE DRAWING WITH OTHER RELATED DRAWINGS AND SPECIFICATION. THE 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 TRADE SHALL BE WITH PRIOR APPROVAL OF THE ARCHITECT OR ENGINEER.
4.
- PROPOSED SANITARY UTILITIES SHALL CONFORM TO THE ACTUAL LOCATION, DEPTH AND INVERT ELEVATION OF ALL EXISTING PIPES AND STRUCTURES AS VERIFIED BY THE CONTRACTOR.
5.
- SIZE OF WATER SUPPLY PIPES TO FIXTURES SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
6.
- THE CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES AT SITE, COORDINATE THE WORKS WITH THE SEWER LINE EFFLUENT DISPOSAL POINT AND WATER LINE SERVICE CONNECTING POINT UNLESS OTHERWISE SPECIFIED.
7.
- ALL SLOPES FOR HORIZONTAL DRAINAGE SHALL MAINTAIN 1% MINIMUM UNLESS OTHERWISE SPECIFIED
8.
- ALL PLUMBING WORKS SHALL BE DONE UNDER THE DIRECT SUPERVISION OF A REGISTERED MASTER PLUMBER.

MATERIAL SPECIFICATIONS :

| | |
|-------------|---|
| WATER LINES | ALL WATER LINES SHALL POLYPROPYLENE (PPR) OF REPUTABLE BRAND WITH FUSION TYPE JOINTS |
| SEWER LINES | ALL SEWER LINES SHALL BE POLYVINYL CHLORIDE (PVC) PIPE SERIES 100 II, "NELTEX" BRAND OR APPROVED EQUAL. FITTINGS SHALL BE SOLVENT CEMENT JOINT TO ASTM D2564. |
| VENT LINES | ALL VENT LINES SHALL BE POLYVINYL CHLORIDE (PVC) PIPE SERIES 1000 II, "NELTEX" BRAND OR APPROVED EQUAL. FITTINGS SHALL BE SOLVENT CEMENT JOINT TO ASTM D2564. |
| FLOOR DRAIN | "UNILEX", MODEL U623, "JAMAN" OR APPROVED EQUAL. |
| CLEANOUT | "UNILEX", MODEL U 309 "JAMAN" OR APPROVED EQUAL. |

- NOTES:
- VERIFY ALL EXISTING MATERIAL SPECIFICATIONS.
- ALL MATERIALS SHOULD FOLLOW EXISTING MATERIALS.

LEGEND :

| | | | |
|-----|--------------|-------|------------------------------|
| CO | CLEAN OUT | KS | KITCHEN SINK |
| FD | FLOOR DRAIN | CWLAC | COLD WATERLINE ABOVE CEILING |
| SD | SHOWER DRAIN | SS | SOIL STACK |
| WC | WATER CLOSET | CWL | COLD WATER LINE |
| LAV | LAVATORY | CWDF | COLD WATER DOWN FEED |
| SH | SHOWER HEAD | CIGT | CAST IRON GREASE TRAP |
| GV | GATE VALVE | VPAC | VENT PIPE ABOVE CEILING |

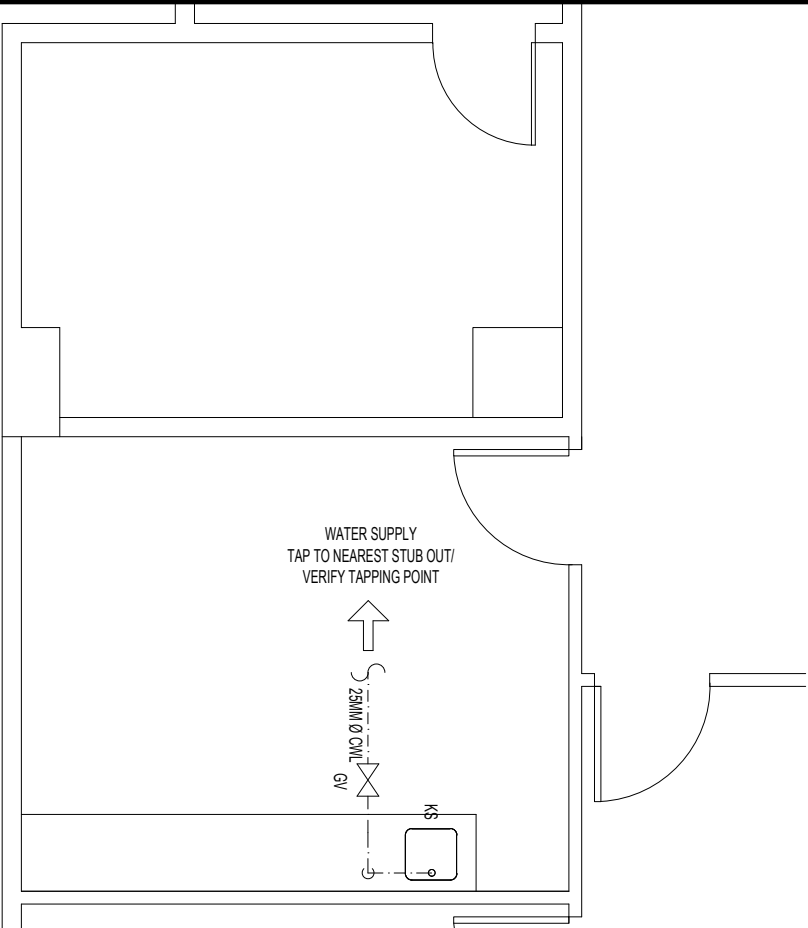
1

4/F PANTRY

COLD WATER LINE PIPING LAYOUT

SCALE

1:35



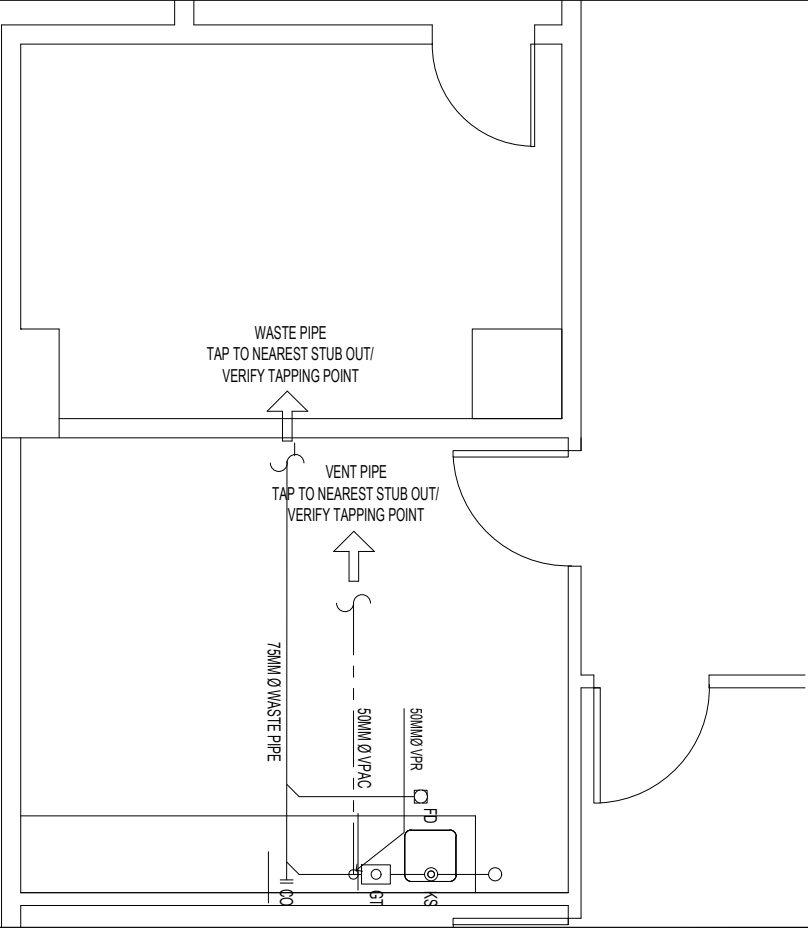
2

4/F PANTRY

SEWER/VENT/DRAINAGE PIPING LAYOUT

SCALE

1:35



JAY R. TRONCALES

ARCHITECT

UNIT 1100D V. MADRIGAL BLDG., AYALA AVE., MAKATI CITY

0917-5218025

ENGINEER

PTR

DATE

PRC

TIN

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REVISIONS

DATE

PROJECT TITLE

PROPOSED OFFICE RENOVATION

4TH & 5TH FLOORS, DTI BOI OFFICES, 1 & 1 BUILDING, SEN GIL PUYAT AVE., MAKATI

OWNER

DEPARTMENT OF TRADE & INDUSTRY
BOARD OF INVESTMENTS

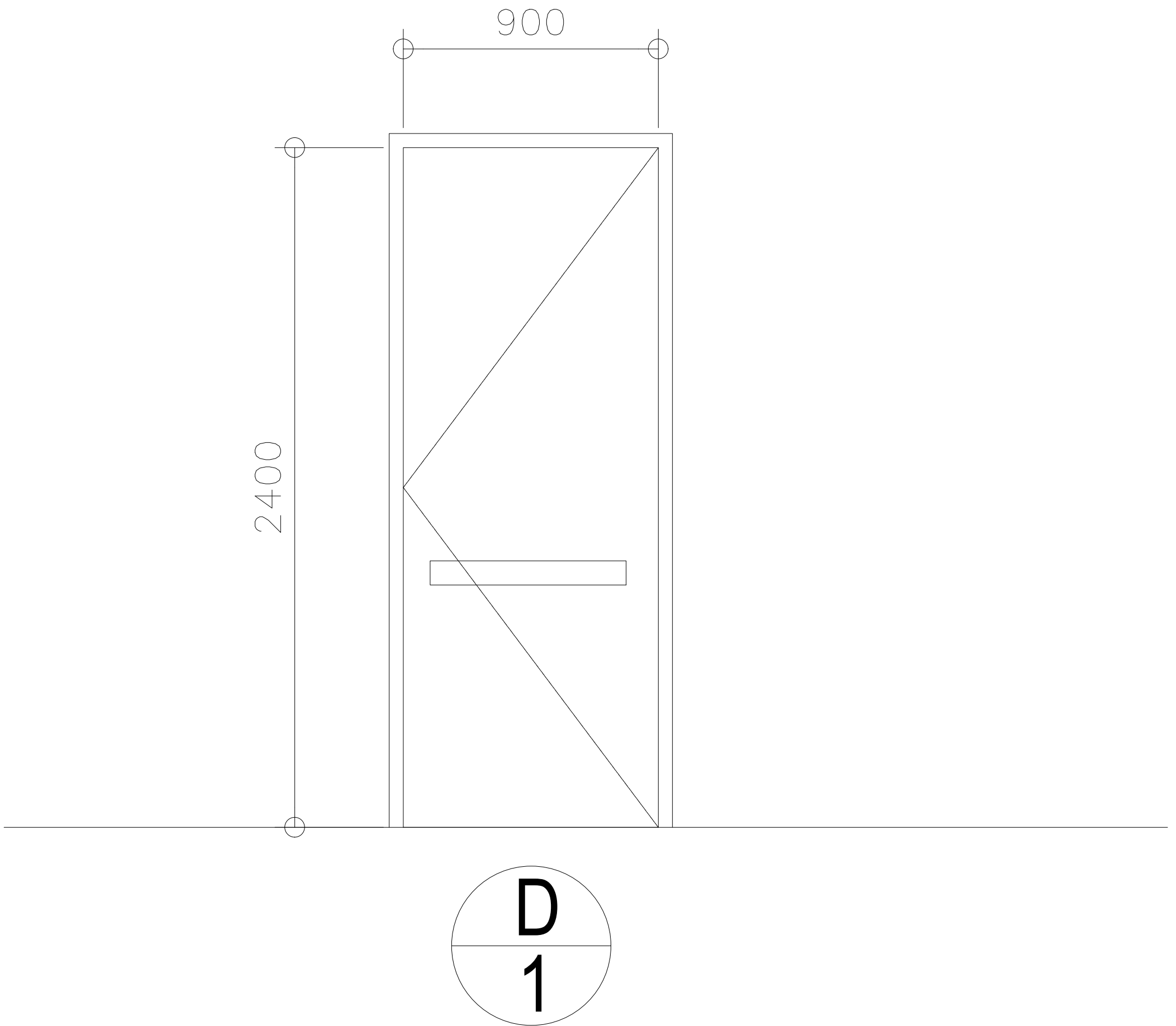
SHEET CONTENTS

GENERAL NOTES
COLD WATER SUPPLY PIPING LAY-OUT
SEWER/DRAINAGE/VENT PIPING LAY-OUT
REFLECTED CEILING PLAN

SHEET NO.

P 01

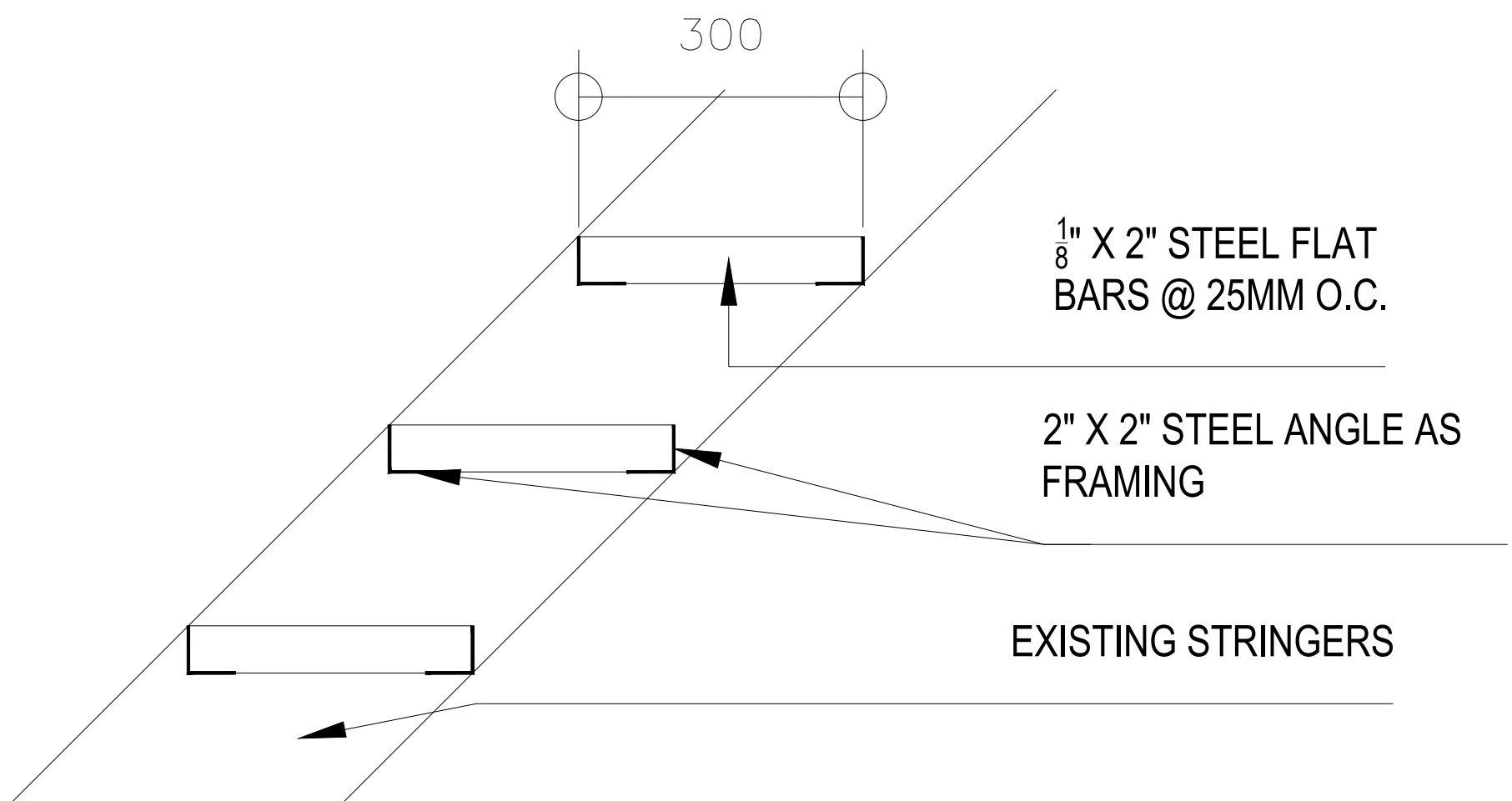
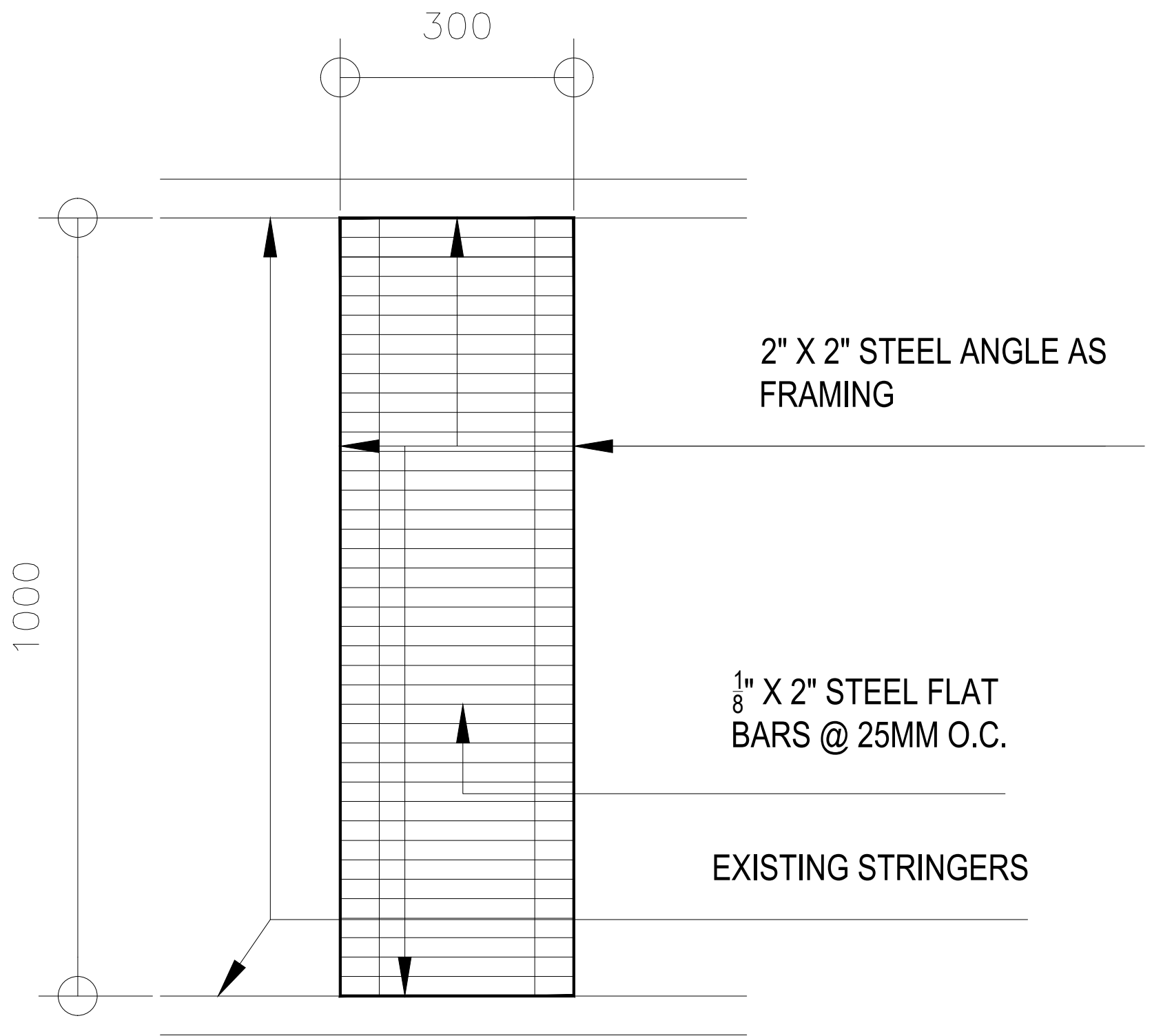
SANITARY/PLUMBING



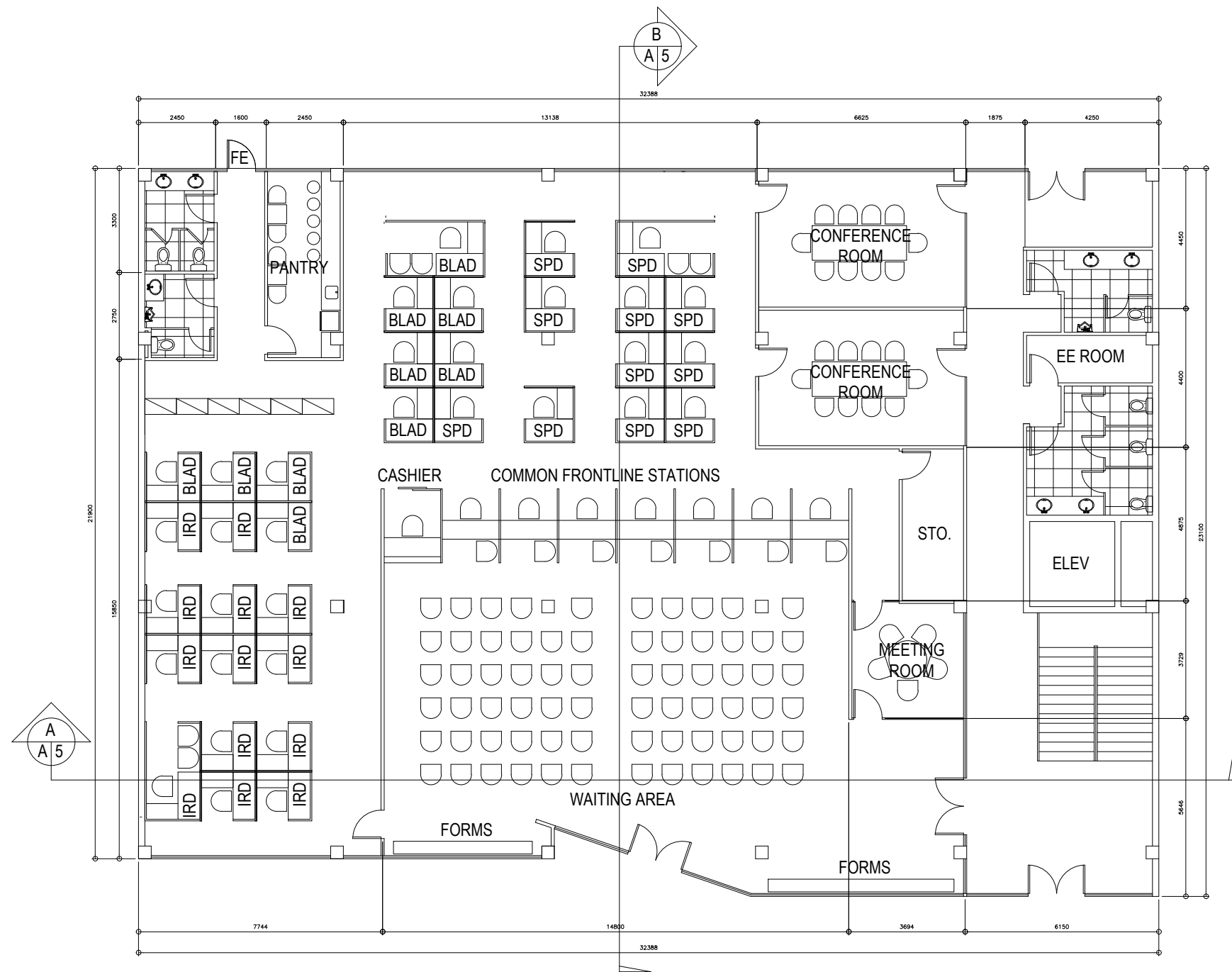
DESCRIPTION: PREFABRICATED STEEL DOOR COMPLETE WITH
DOOR JAMB AND ALL NECESSARY HARDWARE
AND ACCESSORIES - USE PANIC DOOR HARDWARE.
FINISH IN AUTOMOTIVE LACQUER

LOCATION: FIRE EXIT

QUANTITY: 1 SET - 2ND FLOOR
1 SET - 3RD FLOOR



FIRE STAIR REHAB DETAILS



PROPOSED FLOOR PLAN

SCALE

1:100

JAY R. TRONCALES
ARCHITECT

UNIT 1100D V. MADRIGAL BLDG., AYALA AVE., MAKATI CITY

0917-5218025

JERICO JOSEPH R. TRONCALES
PTR 9323737 DATE 01/15/2020
PRC 12935 TIN 169-061-073

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THE ENGINEER.

REVISIONS

DATE

PROJECT TITLE

OWNER

SHEET CONTENTS

SHEET NO.

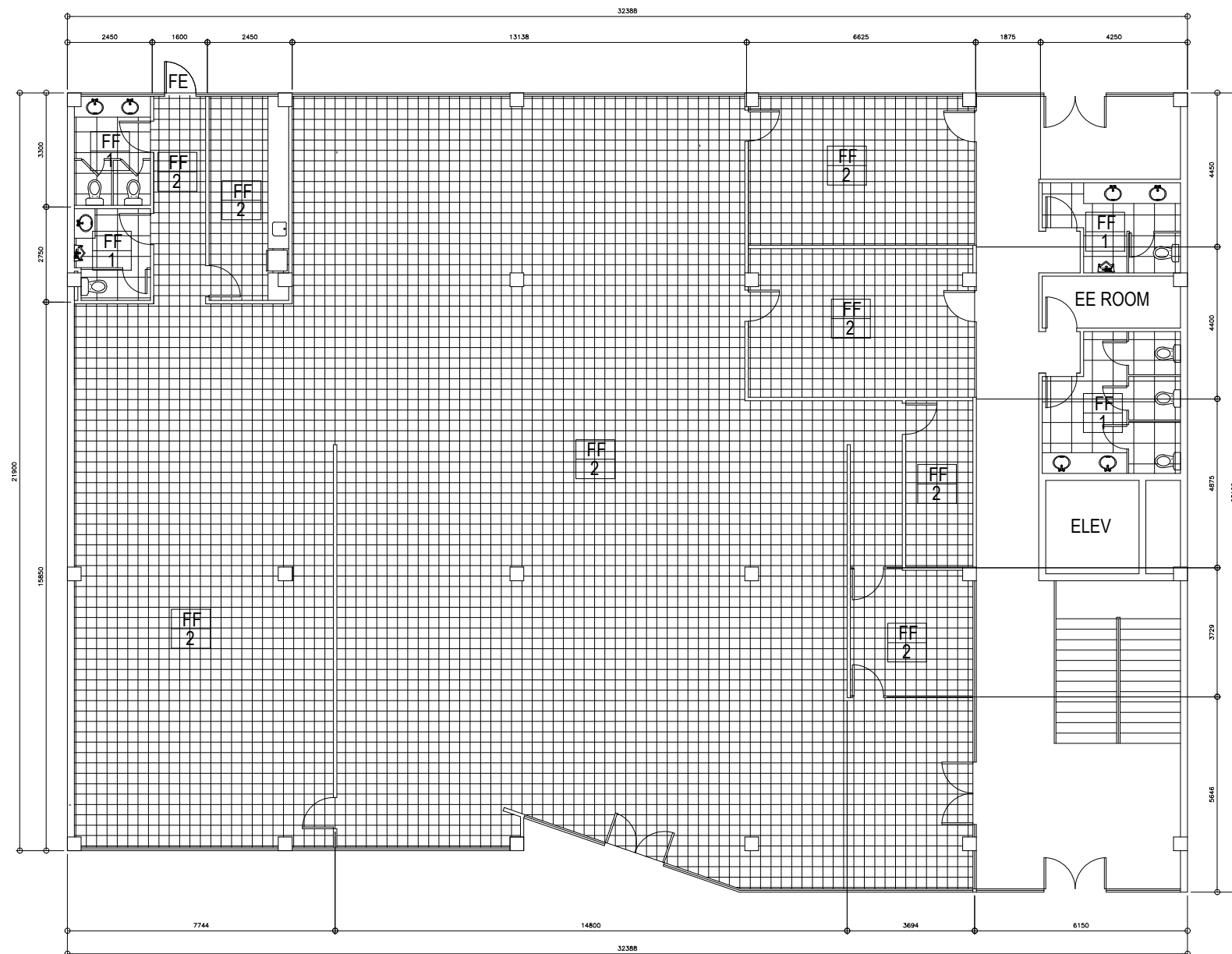
PROPOSED OFFICE RENOVATION
OF DTT UPRC BLDG., SEN. GIL PUYAT AVE., MAKATI

**DEPARTMENT OF TRADE & INDUSTRY
FAIR TRADE ENFORCEMENT BUREAU**

PROPOSED FLOOR PLAN

A 001

ARCHITECTURAL



SCHEDULE OF FLOOR FINISHES

- FF 1** 600MM X 600MM HOMOGENOUS PORCELAIN TILES COMPLETE WITH CEMENT TOPPING & WATERPROOFING (PROVIDE 300MM RISE ALONG PERIMETER WALLS FOR THE WATERPROOFING)
- FF 2** 300MM X 300MM X 3MM VINYL TILES ON SELF LEVELING CEMENT BASE (REMOVE OR CORRECT BASE FLOOR BEFORE INSTALLATION)

1
A 2

FLOOR TREATMENT PLAN

SCALE

1:100

JAY R. TRONCALES
ARCHITECT

UNIT 1100D V. MADRIGAL BLDG., AYALA AVE., MAKATI CITY

0917-5218025

JERICO JOSEPH R. TRONCALES
PTR 9323737 DATE 01/15/2020
PRC 12935 TIN 169-061-073

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REVISIONS

DATE

PROJECT TITLE

OWNER

SHEET CONTENTS

SHEET NO.

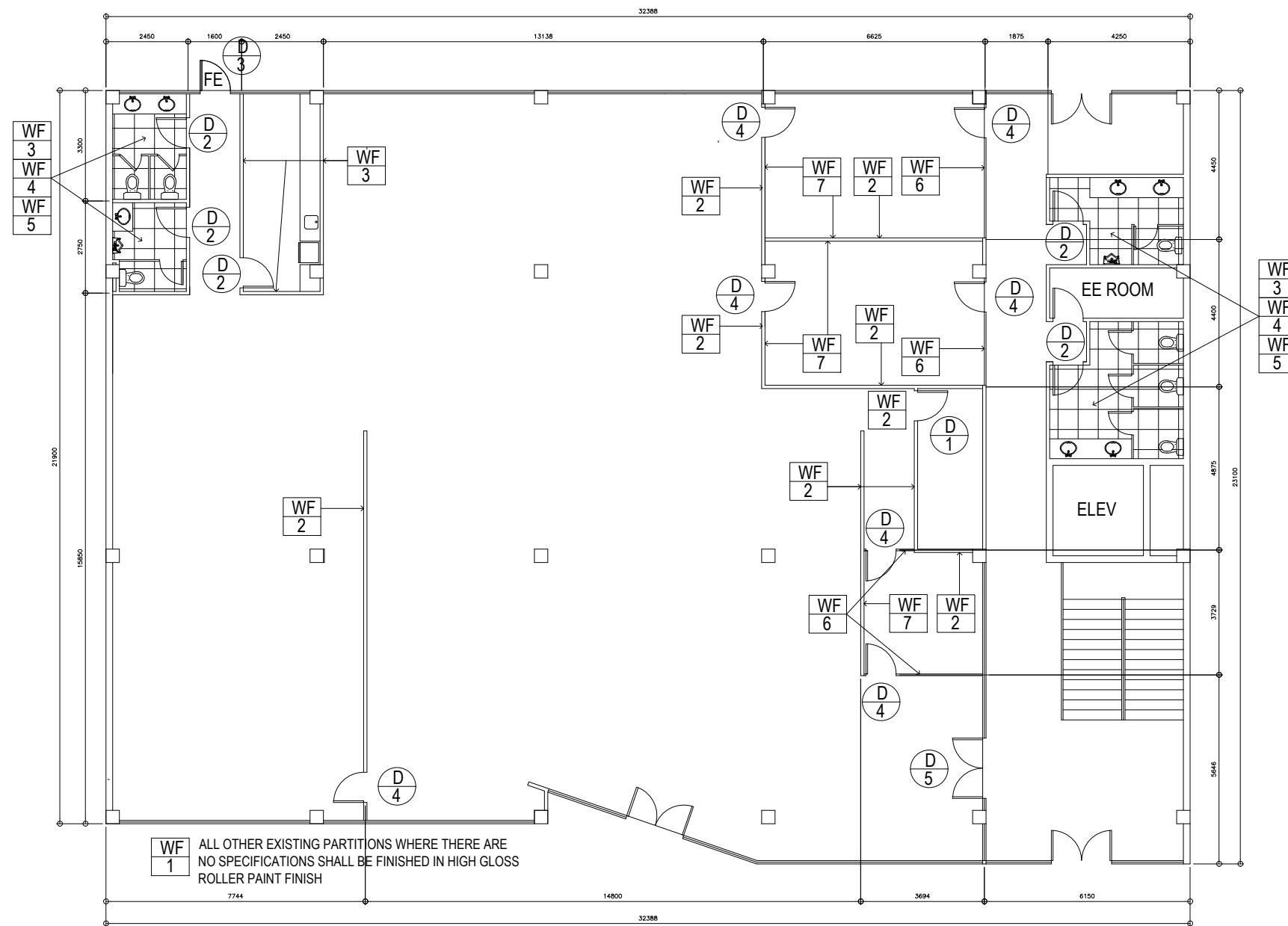
PROPOSED OFFICE RENOVATION
GF DTI UPRC BLDG., SEN. GIL PUYAT AVE., MAKATI

DEPARTMENT OF TRADE & INDUSTRY
FAIR TRADE ENFORCEMENT BUREAU

FLOOR TREATMENT PLAN

A 002

ARCHITECTURAL



SCHEDULE OF WALL FINISHES

- WF 1

ALL OTHER EXISTING PARTITIONS WHERE THERE ARE NO SPECIFICATIONS SHALL BE FINISHED IN HIGH GLOSS ROLLER PAINT FINISH
- WF 2

DRY WALL PARTITION USING 12MM THICK GYPSUM BOARD PANELS ON 100MM WIDE METAL FURRING. FINISH IN HIGH GLOSS ROLLER PAINT FINISH
- WF 3

100MM THICK CHB PARTITION IN PLAIN CEMENT PLASTER FINISHED IN HIGH GLOSS ROLLER PAINT FINISH UNLESS OTHERWISE SPECIFIED
- WF 4

600MM X 600MM HOMOGENOUS PORCELAIN TILES
- WF 5

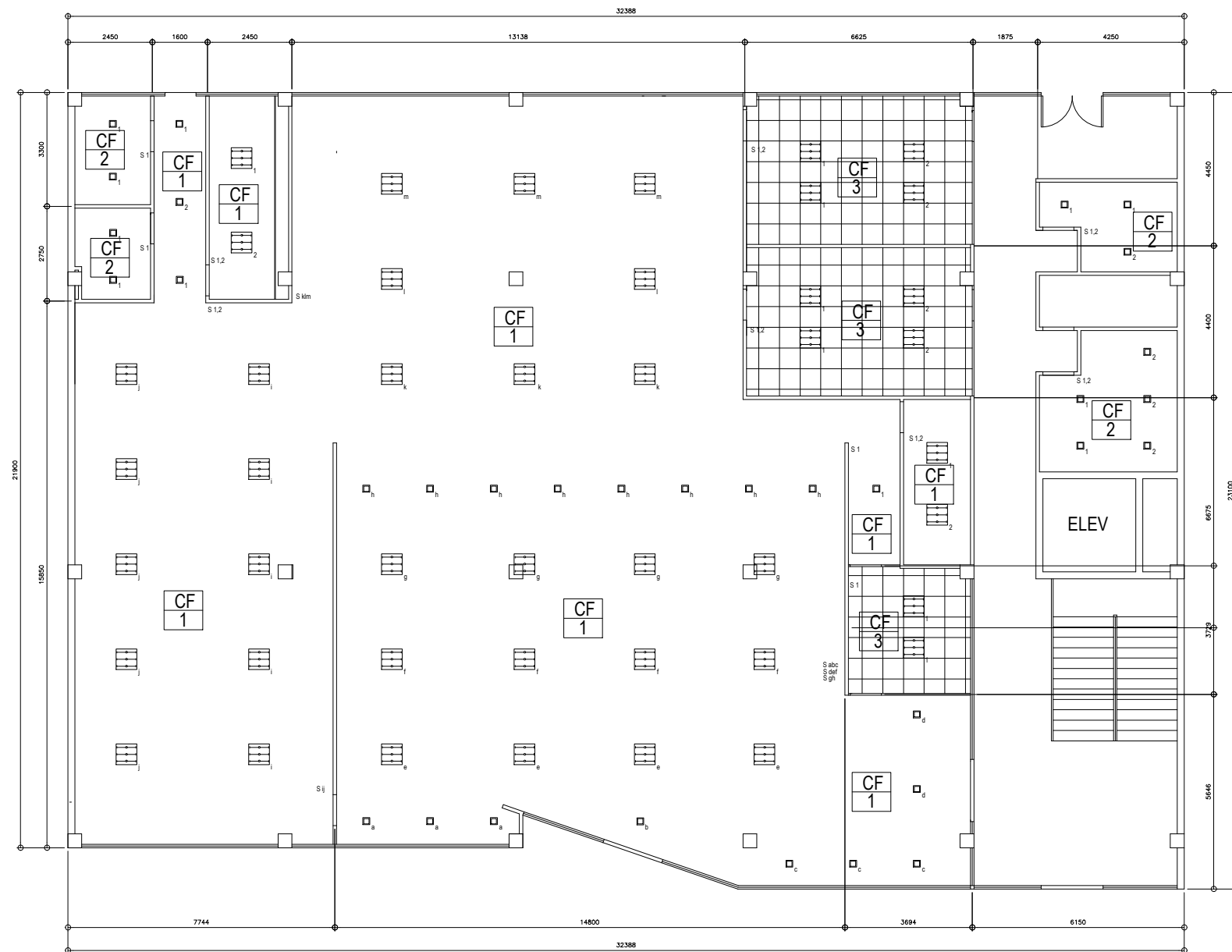
PREFABRICATED TOILET PARTITION USING PHENOLIC BOARD PANELS IN LAMINATE FINISH COMPLETE WITH STAINLESS STEEL ACCESSORIES
- WF 6

$\frac{1}{2}$ " THICK CLEAR TEMPERED GLASS PANELS WITH FROSTED TINT ON EMBEDDED TOP & BOTTOM ALUMINUM U CHANNEL
- WF 7

$\frac{1}{4}$ " PAINTED GLASS PANELS AS WHITEBOARD WITH $\frac{1}{2}$ " THICK PLYWOOD BACKING

1
A/3 WALL TREATMENT PLAN
SCALE 1:100

| | | | | | | | | | |
|--|-----------------------------|---------|---|-------------|------|---|--|---|---|
| JAY R. TRONCALES ARCHITECT UNIT 1100D V. MADRIGAL BLDG., AYALA AVE., MAKATI CITY | JERICHO JOSEPH R. TRONCALES | | THE COPYRIGHT OF THIS DRAWING AND DESIGN REMAINS THE PROPERTY OF THE ARCHITECT AND NO PORTION MAY BE USED OR REPRODUCED WIO THE WRITTEN CONSENT OF THE ARCHITECT. DO NOT SCALE DRAWINGS. ALL DIMENSIONS ARE SHOWN IN METERS. ANY DISCREPANCY ON THIS SHEET MUST BE VERIFIED WITH THE ARCHITECT AND/OR THE ENGINEER. | REVISIONS | DATE | PROJECT TITLE PROPOSED OFFICE RENOVATION GF DTI UPRC BLDG., SEN. GIL PUYAT AVE., MAKATI | OWNER DEPARTMENT OF TRADE & INDUSTRY FAIR TRADE ENFORCEMENT BUREAU | SHEET CONTENTS WALL TREATMENT PLAN | SHEET NO. A 003 ARCHITECTURAL |
| | PTR | 9323737 | DATE | 01/15/2020 | | | | | |
| | PRC | 12935 | TIN | 169-061-073 | | | | | |



SCHEDULE OF CEILING FINISHES

- CF 1** RETAIN AND REHABILITATE EXISTING CEILING INCLUDING COVERING OF PREVIOUS UTILITY/DEVICE/FIXTURE HOLES. FINISH IN FLAT ROLLER PAINT FINISH
- CF 2** DROPPED CEILING USING 10MM THICK MOISTURE RESISTANT GYPSUM BOARD PANELS IN FLAT ROLLER PAINT FINISH ON METAL FURRING AND HANGER RODS
- CF 3** 600MM X 600MM ACOUSTIC CEILING TILES ON METAL RUNNERS ON HANGER RODS
- 150MM X 150MM 9W LED PANEL LIGHT (COOL WHITE COLOR)
- ▢ 600MM X 600MM 3 X 9W LED TUBELIGHT TROFFER WITH SILVER INTERLOCK DIFFUSER (COOL WHITE COLOR)

1
A/4

REFLECTED CEILING PLAN

SCALE

1:100

JAY R. TRONCALES
ARCHITECT

UNIT 1100D V. MADRIGAL BLDG., AYALA AVE., MAKATI CITY

0917-5218025

JERICO JOSEPH R. TRONCALES

PTR 9323737

DATE 01/15/2020

PRC 12935

TIN 169-061-073

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REVISIONS

DATE

PROJECT TITLE

PROPOSED OFFICE RENOVATION
GF DTI UPRC BLDG., SEN. GIL PUYAT AVE., MAKATI

OWNER

DEPARTMENT OF TRADE & INDUSTRY
FAIR TRADE ENFORCEMENT BUREAU

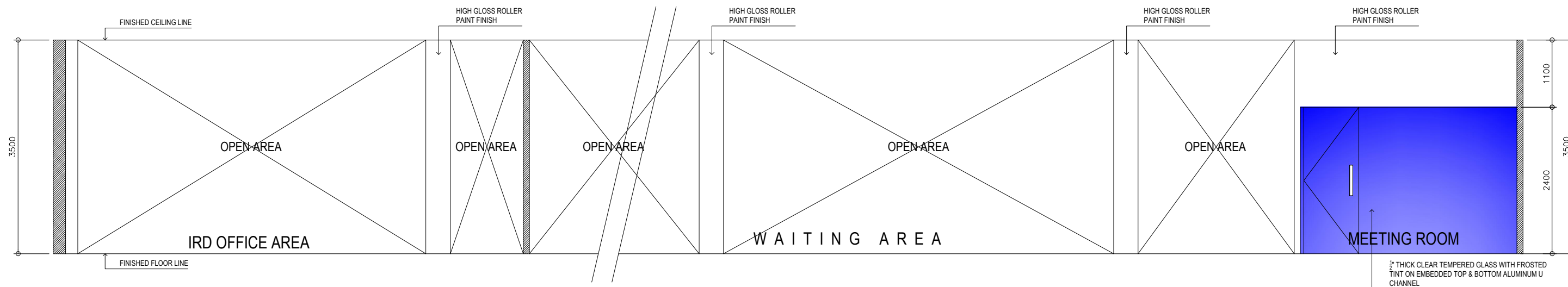
SHEET CONTENTS

REFLECTED CEILING PLAN

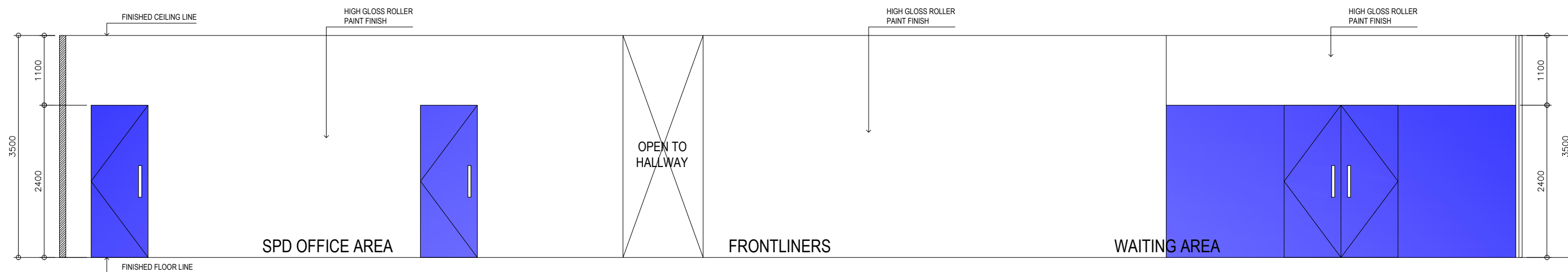
SHEET NO.

A 004

ARCHITECTURAL



A
A 5 SCALE 1:40 SECTION THRU A



B
A 5 SCALE 1:40 SECTION THRU B

JAY R. TRONCALES
ARCHITECT

UNIT 1100D V. MADRIGAL BLDG., AYALA AVE., MAKATI CITY

0917-5218025

| | | | |
|----------------------------|---------|------|-------------|
| JERICO JOSEPH R. TRONCALES | | | |
| PTR | 9323737 | DATE | 01/15/2020 |
| PRC | 12935 | TIN | 169-061-073 |

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IN METERS. ANY DISCREPANCY ON THIS SHEET
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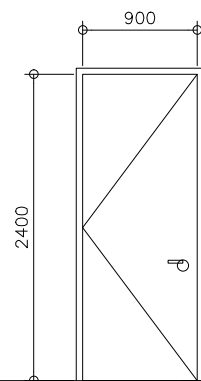
| REVISIONS | DATE |
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| PROJECT TITLE |
|--|
| PROPOSED OFFICE RENOVATION |
| GF DTI UPRC BLDG., SEN. GIL PUYAT AVE., MAKATI |

| OWNER |
|---|
| DEPARTMENT OF TRADE & INDUSTRY FAIR TRADE ENFORCEMENT BUREAU |

| SHEET CONTENTS |
|----------------------------------|
| SECTION THRU A SECTION THRU B |

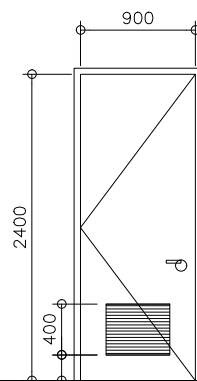
| SHEET NO. |
|---------------|
| A 005 |
| ARCHITECTURAL |



DESCRIPTION: WOODEN FLUSH DOOR USING MARINE
PLYWOOD PANELS ON SOLID WOOD FRAME
AND JAMB ALL IN DUCO FINISH. COMPLETE
WALL NECESSARY HARDWARE AND ACCESSORIES
- PROVIDE WITH SS LEVER TYPE LOCKSET AND
4 HEAVY DUTY SS LOOSE PIN HINGES

LOCATION: STORAGE

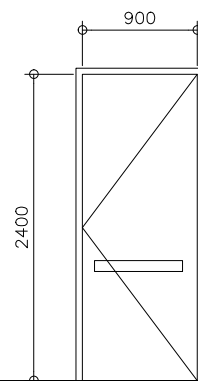
QUANTITY: 1 SET


$$\frac{D}{2}$$

DESCRIPTION: WOODEN FLUSH DOOR WITH FIXED LOUVER
USING MARINE PLYWOOD PANELS ON SOLID WOOD
FRAME AND JAMB ALL IN DUCO FINISH. COMPLETE
WALL NECESSARY HARDWARE AND ACCESSORIES
- PROVIDE WITH SS LEVER TYPE LOCKSET AND
4 HEAVY DUTY SS LOOSE PIN HINGES

LOCATION: COMMON WASHROOMS/PANTRY

QUANTITY: 5 SETS

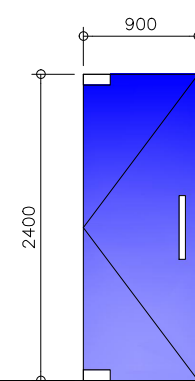


$\frac{D}{3}$

DESCRIPTION: PREFABRICATED STEEL DOOR COMPLETE WITH
DOOR JAMB AND ALL NECESSARY HARDWARE
AND ACCESSORIES - USE PANIC DOOR HARDWARE.
FINISH IN AUTOMOTIVE LACQUER

LOCATION: FIRE EXIT

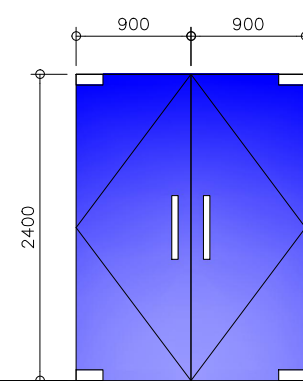
QUANTITY: 1 SET

 $\frac{D}{4}$

DESCRIPTION: FRAMELESS GLASS DOOR USING $\frac{3}{8}$ " THICK
CLEAR TEMPERED GLASS PANEL WITH
FROSTED TINT COMPLETE WITH ALL
NECESSARY HARDWARE AND ACCESSORIES.
USE SS PATCH FITTINGS, HEAVY DUTY FLOOR
HINGE AND POLISHED SS H-TYPE HANDLE

LOCATION: MEETING/CONFERENCE ROOMS, IRD STAFF AREA

QUANTITY: 7 SETS

 $\frac{D}{5}$

DESCRIPTION: EXISTING DOOR TO BE RELOCATED AS
REQUIRED BY THE NEW LAYOUT AND
DESIGN

LOCATION: MAIN ENTRANCE

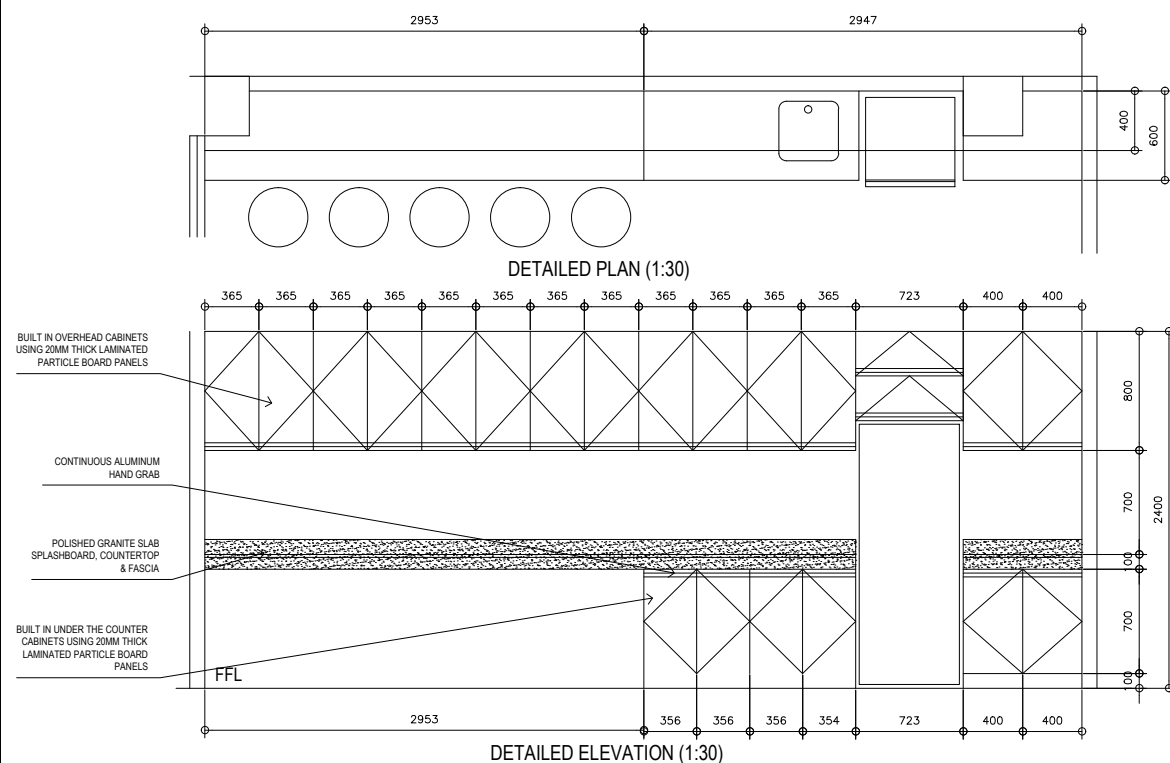
QUANTITY: 1 SET

1
A 6

DOOR SCHEDULE

SCALE

1:35

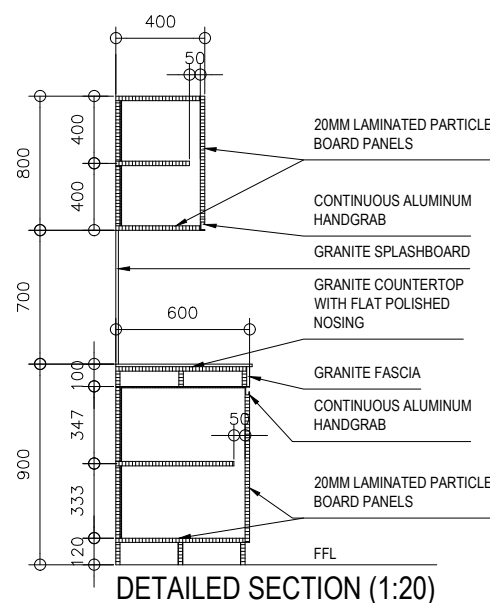


2
A 6

PANTRY CABINET DETAILS

SCALE

VARIOUS



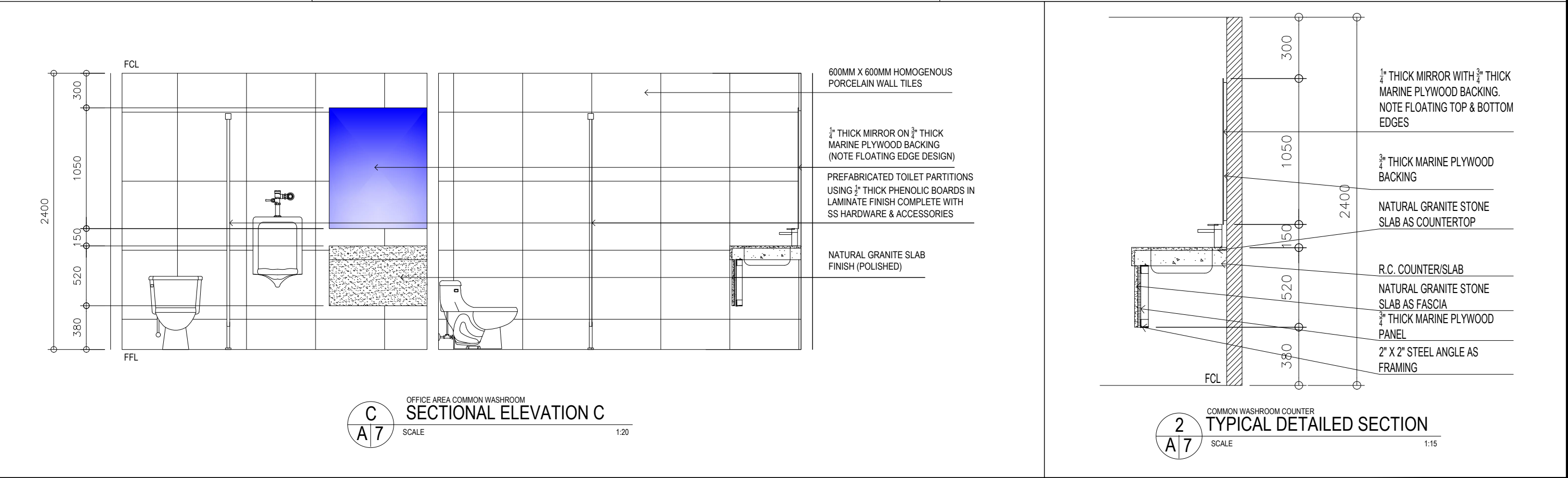
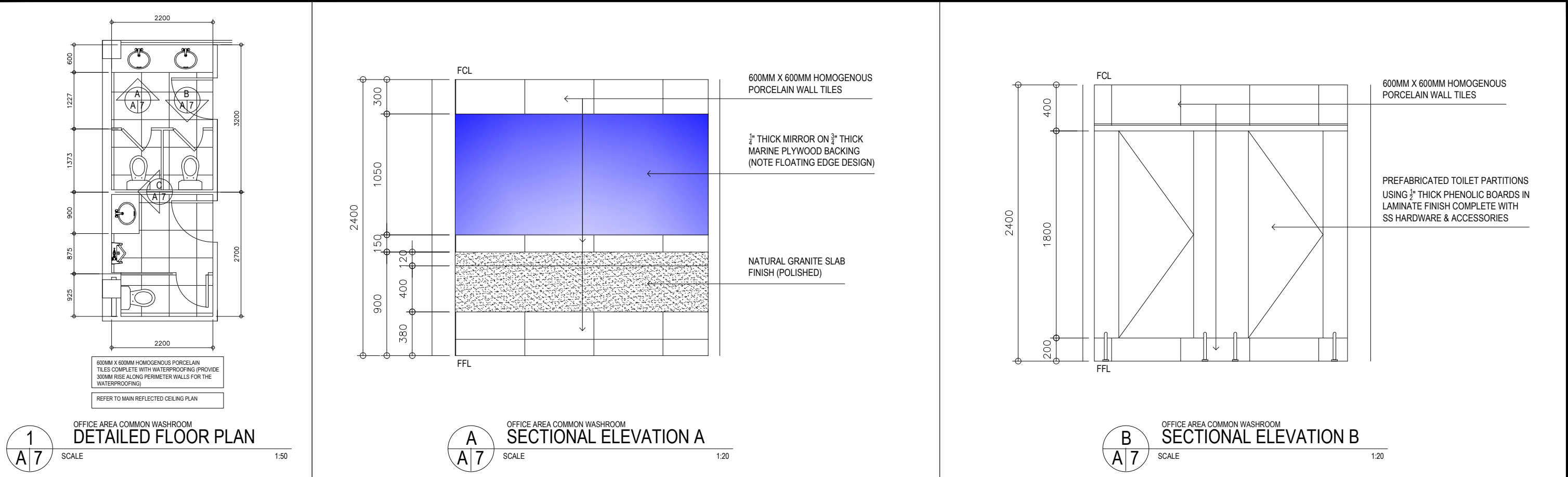
3
A 6

WHITEBOARD WALL DETAILS

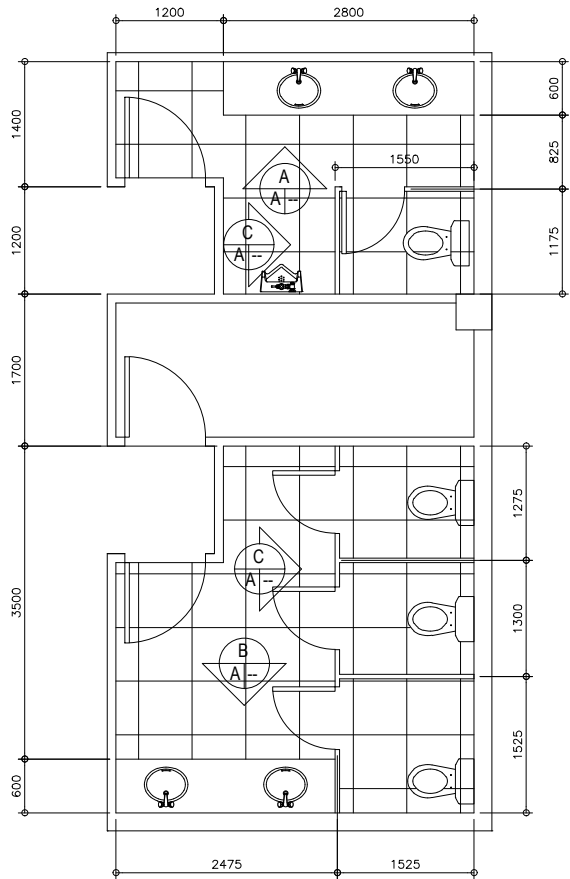
SCALE

1:30

| | | | | | | | | | |
|---|-----------------------------|---------|---|-----------|-------------|---|---|---|---|
| <p style="text-align: center;">JAY R. TRONCALES</p> <p style="text-align: center;">ARCHITECT</p> <p style="text-align: center;">UNIT 1100D V. MADRIGAL BLDG., AYALA AVE., MAKATI CITY</p> <p style="text-align: right;">0917-5218025</p> | | | <p>THE COPYRIGHT OF THIS DRAWING AND DESIGN REMAINS THE PROPERTY OF THE ARCHITECT AND NO PORTION MAY BE USED</p> <p>OR REPRODUCED W/O THE WRITTEN CONSENT OF THE ARCHITECT. DO NOT SCALE DRAWINGS ALL DIMENSIONS ARE SHOWN</p> <p>IN METERS. ANY DISCREPANCY ON THIS SHEET MUST BE VERIFIED WITH THE ARCHITECT AND/OR THE ENGINEER.</p> | REVISIONS | DATE | <p>PROJECT TITLE</p> <p style="text-align: center;">PROPOSED OFFICE RENOVATION</p> <p style="text-align: center;">GF DTI UPRC BLDG., SEN. GIL PUYAT AVE., MAKATI</p> | <p>OWNER</p> <p style="text-align: center;">DEPARTMENT OF TRADE & INDUSTRY FAIR TRADE ENFORCEMENT BUREAU</p> | <p>SHEET CONTENTS</p> <p>DOOR SCHEDULE PANTRY CABINET DETAILS WHITEBOARD WALL DETAILS</p> | <p>SHEET NO.</p> <p style="text-align: center;">A 006</p> <p style="text-align: center;">ARCHITECTURAL</p> |
| | JERICHO JOSEPH R. TRONCALES | | | | | | | | |
| | PTR | 9323737 | | DATE | 01/15/2020 | | | | |
| | PRC | 12935 | | TIN | 169-061-073 | | | | |



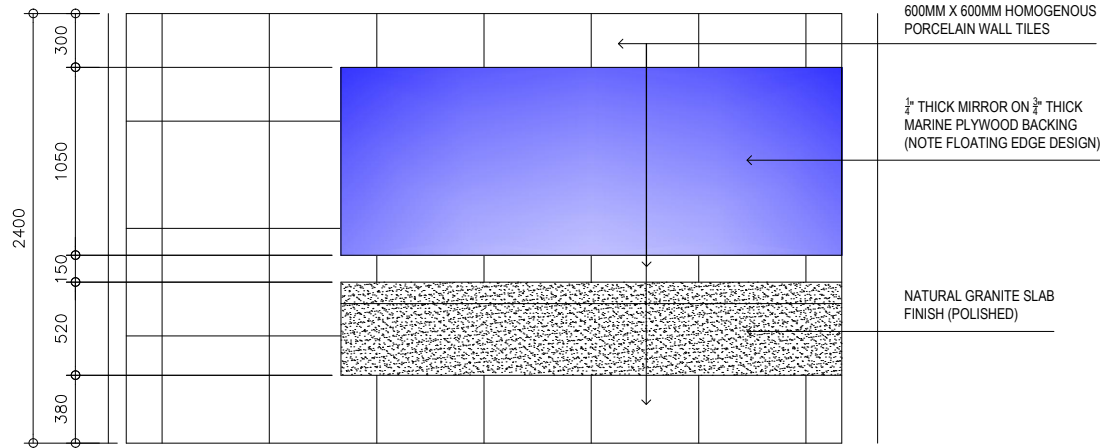
| | | | | | | | | | |
|---|-----------------|-----------------|---|-----------|------|----------------------------|---|--|-----------|
| <div>JAY R. TRONCALES</div> <div>ARCHITECT</div> <div>UNIT 1100D V. MADRIGAL BLDG., AYALA AVE., MAKATI CITY</div> <div>0917-5218025</div> | | | <div>THE COPYRIGHT OF THIS DRAWING AND DESIGN REMAINS THE PROPERTY OF THE ARCHITECT AND NO PORTION MAY BE USED OR REPRODUCED W/O THE WRITTEN CONSENT OF THE ARCHITECT. DO NOT SCALE DRAWINGS ALL DIMENSIONS ARE SHOWN IN METERS. ANY DISCREPANCY ON THIS SHEET MUST BE VERIFIED WITH THE ARCHITECT AND/OR THE ENGINEER.</div> | REVISIONS | DATE | PROJECT TITLE | OWNER | SHEET CONTENTS | SHEET NO. |
| | | | | | | PROPOSED OFFICE RENOVATION | DEPARTMENT OF TRADE & INDUSTRY FAIR TRADE ENFORCEMENT BUREAU | OFFICE AREA COMMON WASHROOM DETAILS TYPICAL COUNTER DETAILS | A 007 |
| | | | | | | | | | |
| | | | | | | | | | |
| | PTR 9323737 | DATE 01/15/2020 | | | | | | | |
| PRC 12935 | TIN 169-061-073 | | | | | | | ARCHITECTURAL | |



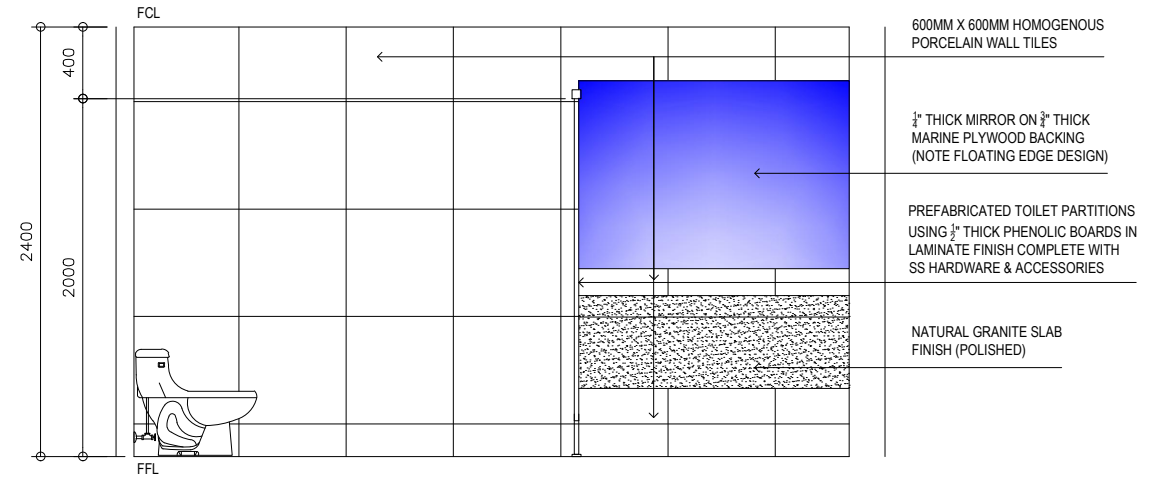
600MM X 600MM HOMOGENOUS PORCELAIN
TILES COMPLETE WITH WATERPROOFING (PROVIDE
300MM RISE ALONG PERIMETER WALLS FOR THE
WATERPROOFING)

REFER TO MAIN REFLECTED CEILING PLAN

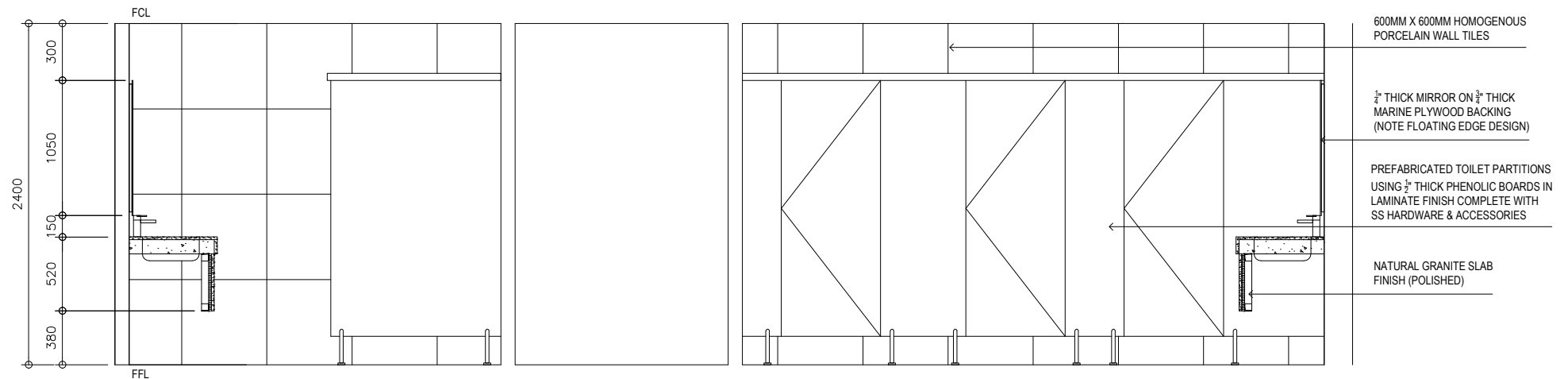
1
A 8 LOBBY COMMON WASHROOM
DETAILED FLOOR PLAN
SCALE 1:50



A
A 8 LOBBY COMMON WASHROOM
SECTIONAL ELEVATION A
SCALE 1:25



B
A 8 LOBBY COMMON WASHROOM
SECTIONAL ELEVATION B
SCALE 1:25



C
A 8 LOBBY COMMON WASHROOM
SECTIONAL ELEVATION C
SCALE 1:25

JAY R. TRONCALES
ARCHITECT

UNIT 1100D V. MADRIGAL BLDG., AYALA AVE., MAKATI CITY 0917-5218025

JERICHO JOSEPH R. TRONCALES

| | | | |
|-----|---------|------|-------------|
| PTR | 9323737 | DATE | 01/15/2020 |
| PRC | 12935 | TIN | 169-061-073 |

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REVISIONS

DATE

PROJECT TITLE

OWNER

SHEET CONTENTS

SHEET NO.

PROPOSED OFFICE RENOVATION
GF DTI UPRC BLDG., SEN. GIL PUYAT AVE., MAKATI

DEPARTMENT OF TRADE & INDUSTRY
FAIR TRADE ENFORCEMENT BUREAU

LOBBY COMMON WASHROOM DETAILS

A 008




ARCHITECTURAL

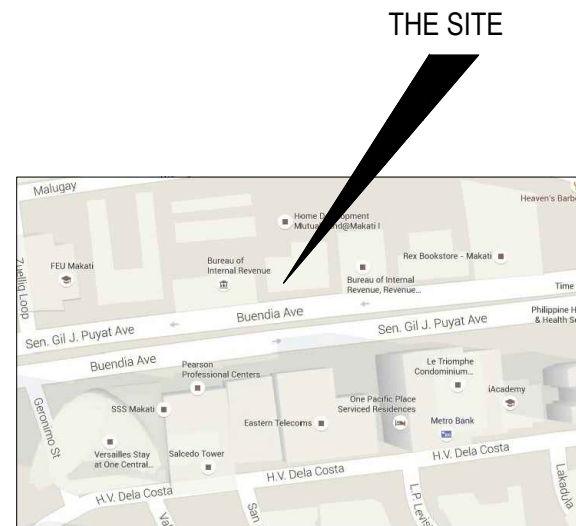
GENERAL NOTES

1. ALL ELECTRICAL INSTALLATIONS INDICATED HEREIN SHALL BE DONE IN ACCORDANCE WITH THE PROVISIONS OF THE LATEST EDITION OF THE PHIL. ELECTRICAL CODE AND THE LAWS AND ORDINANCES OF MAKATI CITY.
2. THE TYPE OF POWER SERVICE SHALL BE 230V., THREE PHASE, 60 HERTZ.
3. ALL MATERIALS TO BE USED SHALL BE NEW AND OF THE APPROVED TYPE FOR ITS INTENDED USE AND LOCATION
4. MINIMUM SIZES OF WIRES AND CONDUIT SHALL BE 3.5 mm AND 15 mm DIAMETER RESPECTIVELY.
5. ALL BRANCH CIRCUIT BREAKERS SHALL BE "BOLT-ON TYPE" WITH 10 KAIC MINIMUM. ALL MAIN CIRCUIT BREAKERS SHALL BE INDUSTRIAL TYPE WITH KAIC RATING AS INDICATED IN THE PLAN.
6. ALL FEEDER & BRANCH WIRING SHALL BE IN INTERMEDIATE METALLIC CONDUIT (IMC). OPEN WIRING, OPEN PULL BOX, OPEN JUNCTION BOX, BX WIRES, AND PVC CONDUITS ARE NOT ALLOWED.
7. PROVIDE JUNCTION / PULL BOXES WHEN NECESSARY EVEN IF IT IS NOT SHOWN IN THE PLAN, AND SHOW THEM IN THE AS-BUILT DRAWINGS
8. PREFERRED BRAND OF MATERIALS ARE AS FOLLOWS :

| | | |
|-----------------------------|---|-----------------------|
| a. IMC CONDUIT | - | MATSUSHITA |
| b. WIRES & CABLES | - | PHILFLEX OR DURAFLEX |
| c. CIRCUIT BRAKERS | - | G.E. OR SQUARE D |
| d. UTILITY / JUNCTION BOXES | - | FUMACO, TIMCO, AMCO |
| e. WIRING DEVICES | - | PANASONIC WIDE SERIES |
| f. LIGHTING FIXTURE | - | VERIFY MATERIAL SPECS |
9. DROPPINGS FOR LIGHTING BRANCH CIRCUITS FOR JUNCTION BOX TO LIGHTING FIXTURES SHALL BE IN FLEXIBLE METALLIC CONDUIT WITH APPROPRIATE BOX CONNECTORS.
10. FOR WIRES 5.5 mm AND SMALLER, USE PRESSURE TYPE CONNECTORS OR WIRE NUTS. FOR 8 mm AND LARGER, USE SOLDERLESS CONNECTORS.
11. FOR EACH SPARE BREAKER IN PANELBOARD, PROVIDE A 20 mm (3/4") DIAMETER EMPTY IMC CONDUIT TERMINATING TO A 4" x 4" JUNCTION BOX ABOVE CEILING.
12. ALL ELECTRICAL WORKS SHALL BE DONE UNDER THE DIRECT SUPERVISION OF A DULY LICENSED / REGISTERD ELECTRICAL ENGINEER.

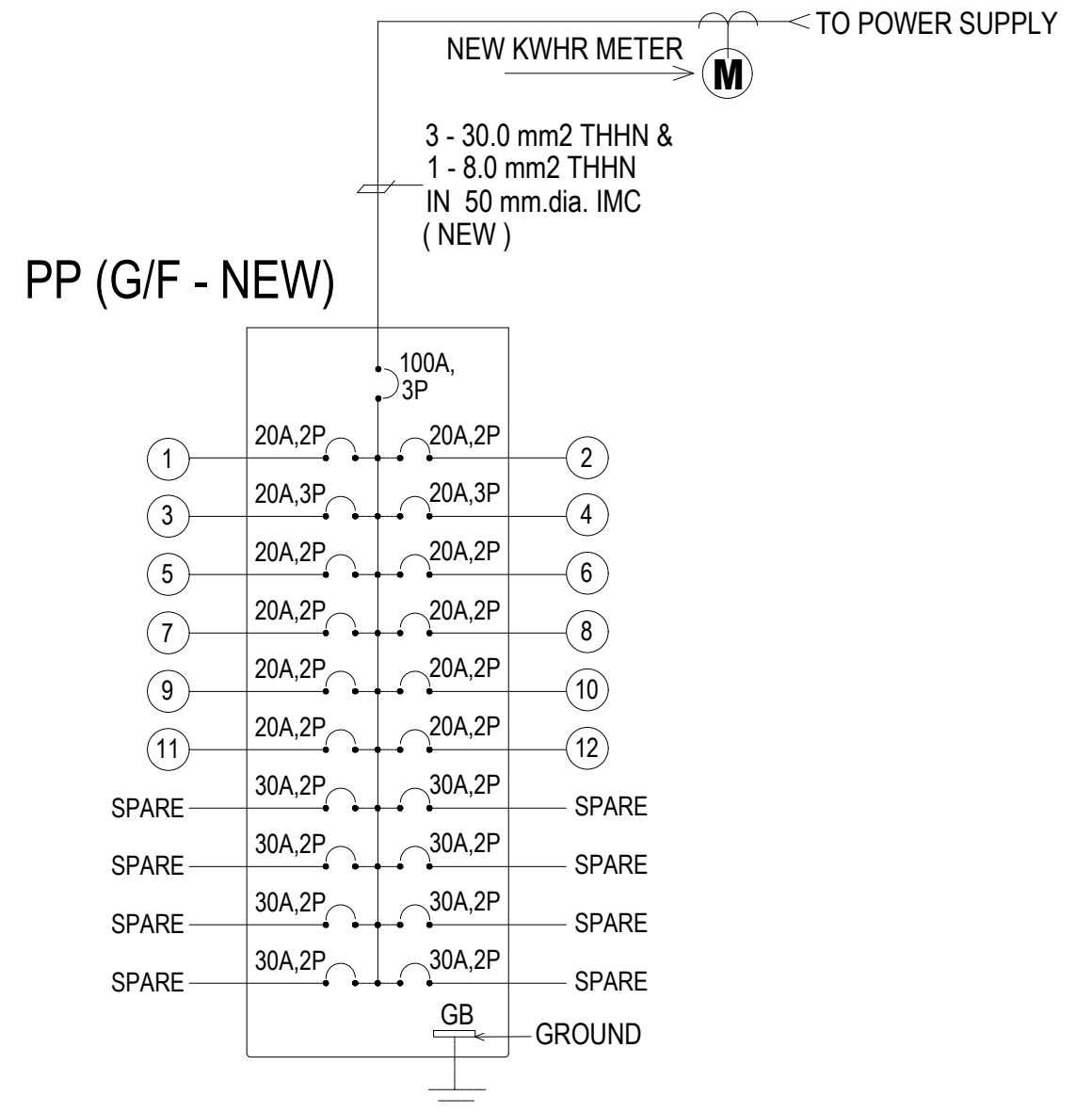
LEGEND

- 
 150MM X 150MM 9W LED PANEL LIGHT (COOL WHITE COLOR)
- 
 600MM X 600MM 3 X 9W LED TUBELIGHT TROFFER WITH SILVER INTERLOCK DIFFUSER
- 
 14 W LED TUBE LIGHTING FIXTURE



VICINITY MAP

3
E 01 SCALE NTS



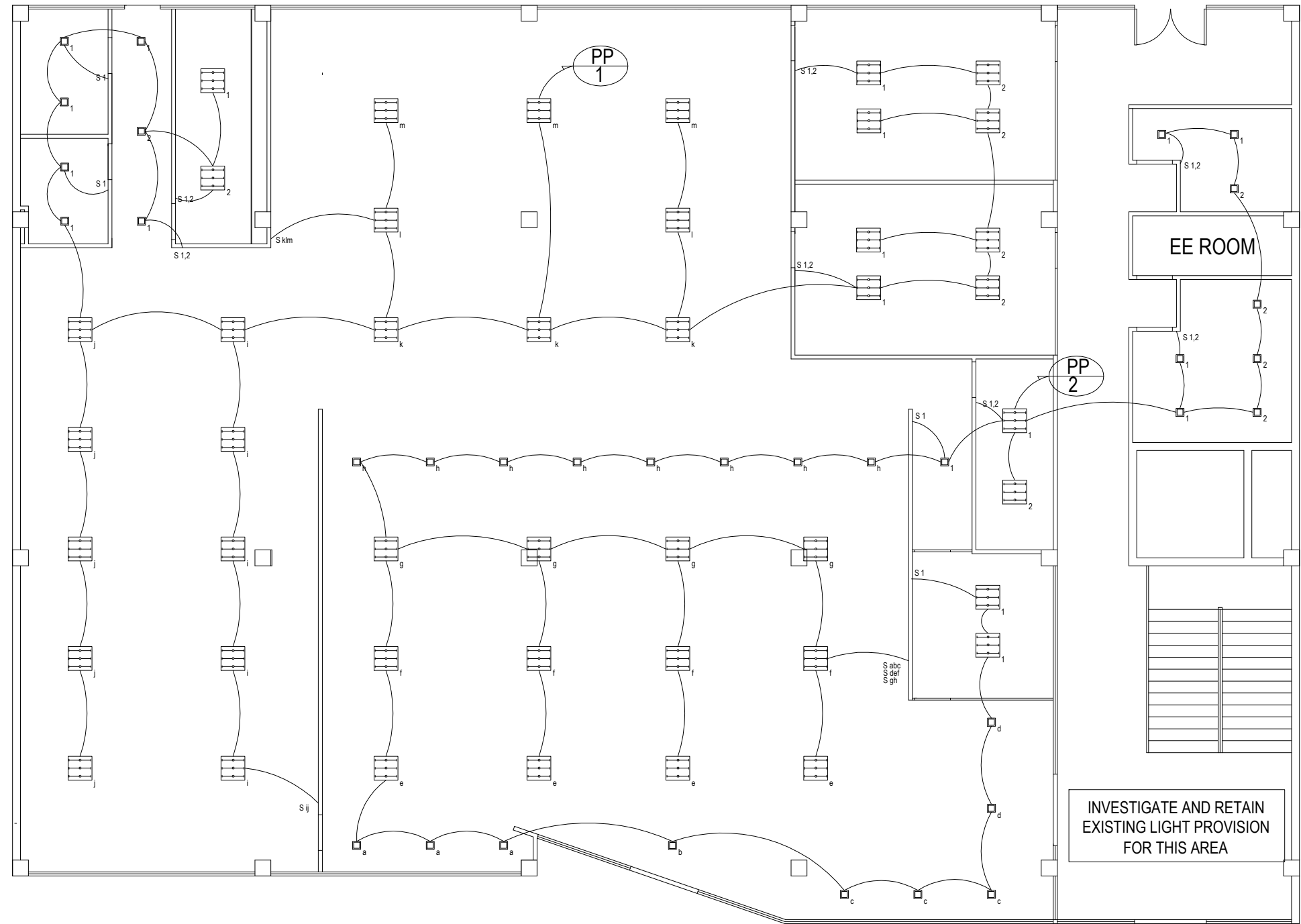
1 POWER SINGLE LINE DIAGRAM E 01 SCALE NTS

| | | | | | | | | | |
|---|----------|------|---|-----------|------|--|---|---|-----------|
| <div>JAY R. TRONCALES</div> <div>ARCHITECT</div> <div>UNIT 1100D V. MADRIGAL BLDG., AYALA AVE., MAKATI CITY0917-5218025</div> | ENGINEER | | <div>THE COPYRIGHT OF THIS DRAWING AND DESIGN REMAINS THE PROPERTY OF THE ARCHITECT AND NO PORTION MAY BE USED OR REPRODUCED W/O THE WRITTEN CONSENT OF THE ARCHITECT. DO NOT SCALE DRAWING. ALL DIMENSIONS ARE SHOWN IN METERS. ANY DISCREPANCY ON THIS SHEET MUST BE VERIFIED WITH THE ARCHITECT AND/OR THE ENGINEER.</div> | REVISIONS | DATE | PROJECT TITLE | OWNER | SHEET CONTENTS | SHEET NO. |
| | | | | | | PROPOSED OFFICE RENOVATION GF DTI UPRC BLDG., SEN. GIL PUYAT AVE., MAKATI | DEPARTMENT OF TRADE & INDUSTRY FAIR TRADE ENFORCEMENT BUREAU | GENERAL NOTES VICINITY MAP POWER SINGLE LINE DIAGRAM SCHEDULE OF LOADS | E 001 |
| | | | | | | | | | |
| | | | | | | | | | |
| | PTR | DATE | | | | | | | |
| PRC | TIN | | | | | | | ELECTRICAL | |



1
E 02 POWER LAY-OUT
SCALE 1:75

| | | | | | | | | |
|--|----------|---|-----------|------|--|--------------------------------|-------------------|------------|
| <p>JAY R. TRONCALES ARCHITECT</p> <p>UNIT 1100D V. MADRIGAL BLDG., AYALA AVE., MAKATI CITY 0917-5218025</p> | ENGINEER | <p>THE COPYRIGHT OF THIS DRAWING AND DESIGN REMAINS THE PROPERTY OF THE ARCHITECT AND NO PORTION MAY BE USED OR REPRODUCED W/O THE WRITTEN CONSENT OF THE ARCHITECT. DO NOT SCALE DRAWING. ALL DIMENSIONS ARE SHOWN IN METERS. ANY DISCREPANCY ON THIS SHEET MUST BE VERIFIED WITH THE ARCHITECT AND/OR THE ENGINEER.</p> | REVISIONS | DATE | PROJECT TITLE | OWNER | SHEET CONTENTS | SHEET NO. |
| | | | | | PROPOSED OFFICE RENOVATION | DEPARTMENT OF TRADE & INDUSTRY | G/F POWER LAY-OUT | E 002 |
| | | | | | GF DTI UPRC BLDG., SEN. GIL PUYAT AVE., MAKATI | FAIR TRADE ENFORCEMENT BUREAU | | |
| | PTR | DATE | | | | | | ELECTRICAL |
| | PRC | TIN | | | | | | |



2 LIGHTING LAY-OUT
E 03 SCALE 1:100

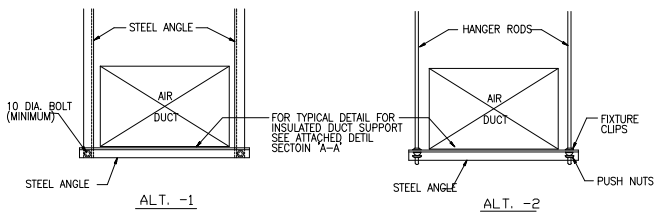
| | | | | | | | | | |
|---|----------|------|--|-----------|------|---|--|---|--|
| JAY R. TRONCALES ARCHITECT UNIT 1100D V. MADRIGAL BLDG., AYALA AVE., MAKATI CITY 0917-5218025 | ENGINEER | | THE COPYRIGHT OF THIS DRAWING AND DESIGN REMAINS THE PROPERTY OF THE ARCHITECT AND NO PORTION MAY BE USED OR REPRODUCED W/O THE WRITTEN CONSENT OF THE ARCHITECT. DO NOT SCALE DRAWING. ALL DIMENSIONS ARE SHOWN IN METERS. ANY DISCREPANCY ON THIS SHEET MUST BE VERIFIED WITH THE ARCHITECT AND/OR THE ENGINEER. | REVISIONS | DATE | PROJECT TITLE PROPOSED OFFICE RENOVATION GF DTI UPRC BLDG., SEN. GIL PUYAT AVE., MAKATI | OWNER DEPARTMENT OF TRADE & INDUSTRY FAIR TRADE ENFORCEMENT BUREAU | SHEET CONTENTS GF LIGHTING LAY-OUT | SHEET NO. E 003 ELECTRICAL |
| | PTR | DATE | | | | | | | |
| | PRC | TIN | | | | | | | |

GENERAL NOTES

1. ALL DIMENSIONS ARE IN MILLIMETERS (mm) UNLESS OTHERWISE NOTED.
2. ALL DUCT DIMENSION INDICATE INSIDE CLEAR DIMENSION IN MILLIMETER.
3. ALL DUCTWORK TO BE FABRICATED IN ACCORDANCE WITH SMACNA STANDARDS.
4. CONSTRUCTION SHALL CONFORM TO LOCAL BUILDING CODES AND STANDARDS. SHOULD THE CONTRACTOR PERFORM ANY WORK THAT DOES NOT COMPLY WITH THE ABOVE, HE SHALL BEAR ALL COSTS ARISING IN CORRECTING THESE DEFICIENCIES.
5. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE SPECIFICATION AND RELEVANT DRAWINGS.
6. ALL OPENINGS FOR DUCTS & PIPES SHALL NOT IN ANYWAY PENETRATE A STRUCTURAL RIB ON BEAMS UNLESS OTHERWISE AUTHORIZED AND APPROVED.
7. ALL NECESSARY GOVERNMENT PERMITS SHALL BE SECURED AND PAID BY THE MECHANICAL CONTRACTOR.
8. THE PROSPECTIVE CONTRACTOR SHALL VISIT AND SURVEY THE PLACE OF INSTALLATION.
9. A/C DUCT INSULATION SHALL BE 25mm. ROCKWOOL INSULATION WITH ALUMINUM FOIL WRAPPING.

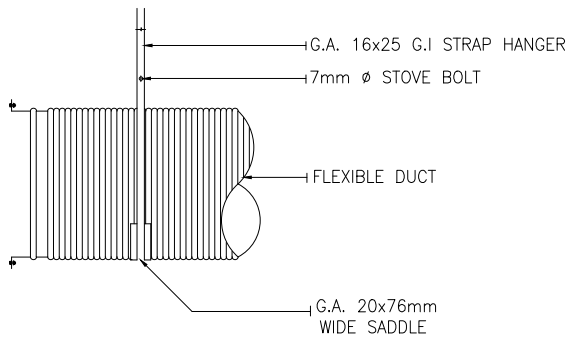
LEGEND AND SYMBOLS

| | |
|------------------------|---|
| TR | TONS OF REFRIGERATIONS |
| DC | DRAIN CONNECTION |
| KW | KILOWATTS |
| EF | EXHAUST FAN |
| HP | HORSEPOWER |
| SD | SPLITTER DAMPER |
| FCU | FAN COIL UNIT |
| SCD | SUPPLY CEILING DIFFUSER |
| SAD | SUPPLY AIR DUCT |
| RAG | RETURN AIR GRILLE |
| RAD | RETURN AIR DUCT |
| CFM | CUBIC FEET PER MINUTE |
| CMH | CUBIC METER PER HOUR |
| ACCU | AIR COOLED CONDENSING UNIT |
| BTU/HR | BRITISH THERMAL UNIT PER HOUR |
| <div><div></div></div> | NEW 4-WAY SUPPLY CEILING DIFFUSER (300MM X 300MM) |



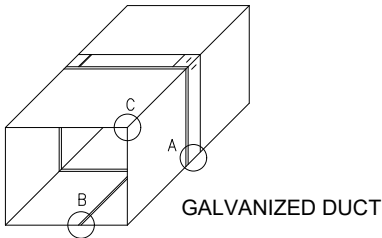
| RECOMMENDED HANGER SIZES FOR RECTANGULAR DUCT | | | | |
|---|-------------------------------|-----------------------------|-----------------|--|
| LONGEST DIMENSION | ANGLE HANGER/TRAPEZE (ALT.-1) | HANGER ROD/TRAPEZE (ALT.-2) | MAXIMUM SPACING | |
| UP Thru 450mm | 25mm X 25mm X 3mm | 6mm { | 3.00 M. | |
| 460 Thru 760 | 25mm X 25mm X 3mm | 6mm { | 3.00 M. | |
| 780 Thru 1070 | 40mm X 40mm X 3mm | 6mm { | 3.00 M. | |
| 1080 Thru 1520 | 40mm X 40mm X 3mm | 8mm { | 3.00 M. | |
| 1530 Thru 2130 | 50mm X 50mm X 3mm | 8mm { | 2.40 M. | |

RECTANGULAR DUCT HANGER DETAIL



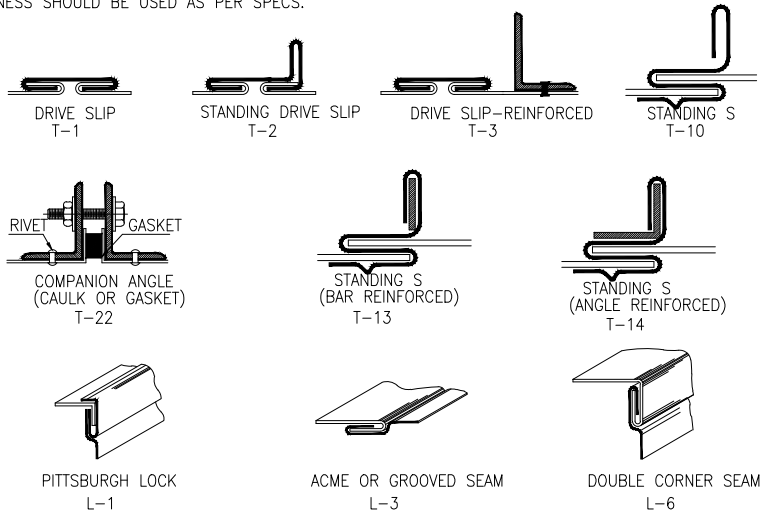
TYPICAL FLEXIBLE DUCT HANGER

| DUCT SIZE | DUCT GAGE | JOINT SPACING FEET | JOINT TYPE | JOINT GAGE | RENOURISHMENT |
|-----------|-----------|--------------------|------------|------------|-----------------------------|
| 6-12 | 28 | 6-7 | T-1 | 28 | NON |
| 13-24 | 28 | 6-7 | T-2 OR T-3 | 28 | ANGLE 1X1 GASS OR U CHANNEL |
| 25-36 | 26 | 6-7 | T-10 | 26 | NON |
| 37-48 | 24 | 3-4 | T-13 | 24 | BAR 1X1/8 |
| 49-60 | 22 | 3-4 | T-14 | 22 | ANGLE 1X1X1/8 |
| 60-72 | 20 | 3-4 | T-22 | 20 | ANGLE 11/4X11/4X1/8 |
| OVER-72 | 20 | 3-4 | T-22 | 20 | ANGLE 11/2X11/2X1/8 |

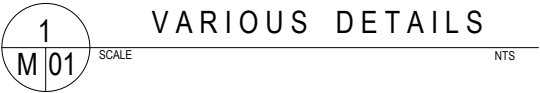


GALVANIZED DUCT

TABLE SHOW THE THICKNESS RELATED TO UP OVER MANUFACTURING DETAIL IF ANY DEVIATION 5 FEET METAL THICKNESS SHOULD BE USED AS PER SPECS.



DUCT TRANVERSE JOINTS DETAIL



AIR COOLED CONDENSING UNIT

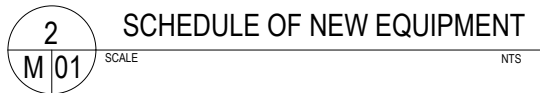
| UNIT DESIGNATION | QTY. | AREA SERVED | COOLING CAPACITY | | OPERATING TEMPERATURE | | | | COMPRESSOR DATA | | | | | CONDENSER DATA | | | | | APPROXIMATE OPERATING WEIGHT (KGS) | REMARKS | |
|-------------------------------|------|-------------|------------------|---------|-----------------------|----|------------|----|-----------------|----------|-------------------|-------|-------|----------------------|-------|-------|-------------------|-------|------------------------------------|---------|-------|
| | | | HP | BTU/ HR | EVAPORATING | | CONDENSING | | NO. | KW INPUT | ELECTRICAL SUPPLY | | | NO. OF PROPELLER FAN | DRIVE | WATTS | ELECTRICAL SUPPLY | | | | |
| | | | | | °C | °F | °C | °F | | | VOLTS | PHASE | CYCLE | | | | VOLTS | PHASE | | | CYCLE |
| | | | | | | | | | | | | | | | | | | | | | |
| RETAIN ALL EXISTING EQUIPMENT | | | | | | | | | | | | | | | | | | | | | |

RETAIN ALL EXISTING EQUIPMENT

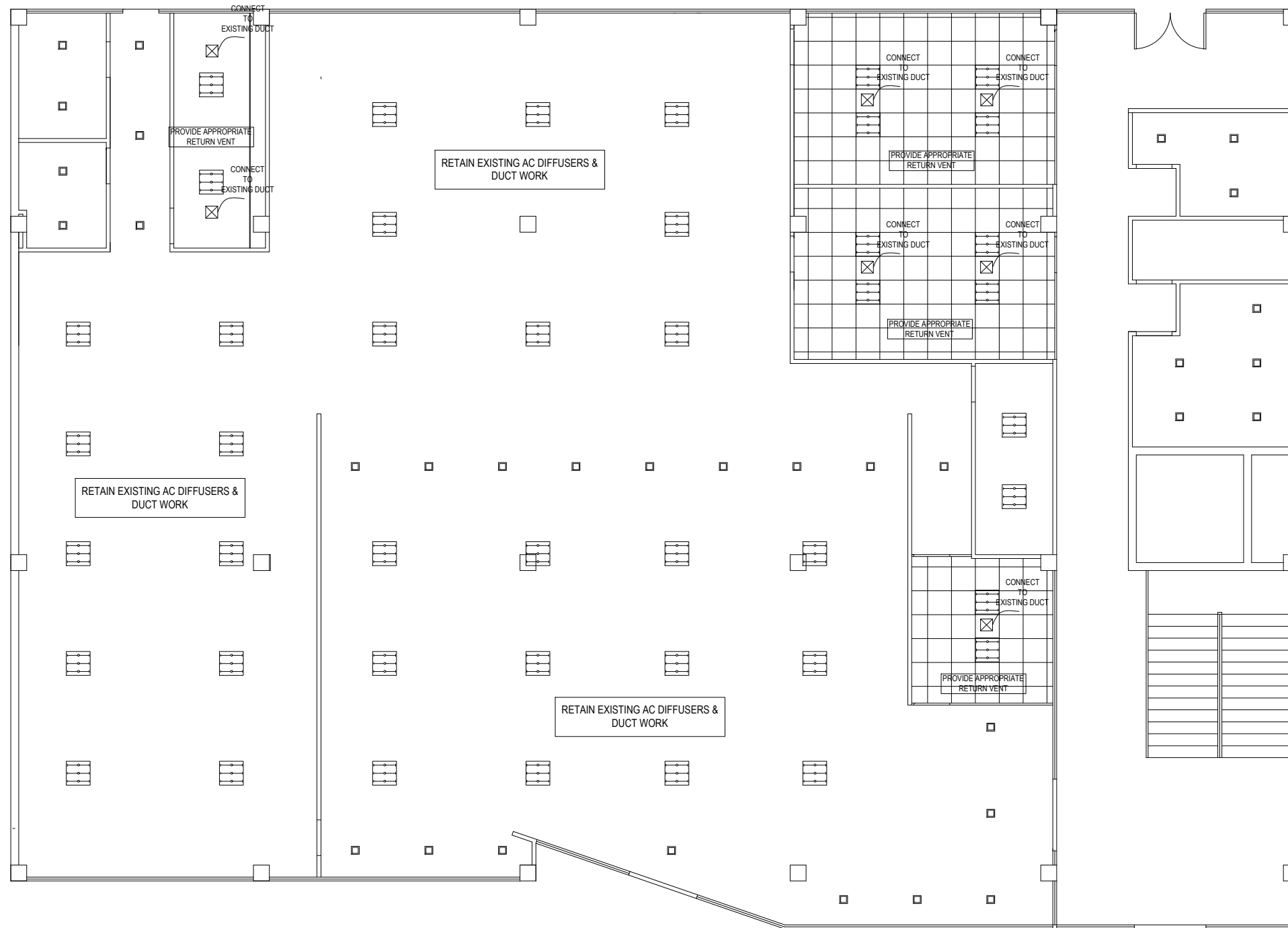
FAN COIL UNIT

| UNIT DESIGNATION | QTY. | AREA SERVED | COOLING CAPACITY | | AIR FLOW CAPACITY | | COIL DATA | | | MOTOR DATA | | | | | APPROXIMATE OPERATING WEIGHT (KGS) | REMARKS |
|-------------------------------|------|-------------|------------------|---------|-------------------|-----|--------------------|----------------|-----|------------|----|-------|-------------------|-------|--|---------|
| | | | HP | BTU/ HR | CFM | CMH | NO. OF CIRCUITS | NO. OF ROWS | FPI | DRIVE | HP | WATTS | ELECTRICAL SUPPLY | | | |
| | | | | | | | | | | | | | VOLTS | PHASE | CYCLE | |
| | | | | | | | | | | | | | | | | |
| RETAIN ALL EXISTING EQUIPMENT | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |

RETAIN ALL EXISTING EQUIPMENT



| | | | | | | | | | |
|---|----------|------|--|-----------|------|--|---|----------------------------------|------------|
| <div>JAY R. TRONCALES</div> <div>ARCHITECT</div> <div>UNIT 1100D V. MADRIGAL BLDG., AYALA AVE., MAKATI CITY0917-5218025</div> | ENGINEER | | THE COPYRIGHT OF THIS DRAWING AND DESIGN REMAINS THE PROPERTY OF THE ARCHITECT AND NO PORTION MAY BE USED OR REPRODUCED W/O THE WRITTEN CONSENT OF THE ARCHITECT. DO NOT SCALE DRAWING. ALL DIMENSIONS ARE SHOWN IN METERS. ANY DISCREPANCY ON THIS SHEET MUST BE VERIFIED WITH THE ARCHITECT AND/OR THE ENGINEER. | REVISIONS | DATE | PROJECT TITLE | OWNER | SHEET CONTENTS | SHEET NO. |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | PTR | DATE | | | | | | | |
| | PRC | TIN | | | | PROPOSED OFFICE RENOVATION | DEPARTMENT OF TRADE & INDUSTRY FAIR TRADE ENFORCEMENT BUREAU | GENERAL NOTES VARIOUS DETAILS | M 001 |
| | | | | | | GF DTI UPRC BLDG., SEN. GIL PUYAT AVE., MAKATI | | | MECHANICAL |



1
M 02
SCALE 1:75
AC/VENTILATION LAY-OUT

| | | | | | | | | | | |
|---|----------|--|--|-----------|------|---|--|------------------------|-----------|--|
| <div>JAY R. TRONCALES</div> <div>ARCHITECT</div> <div>UNIT 1100D V. MADRIGAL BLDG., AYALA AVE., MAKATI CITY0917-5218025</div> | ENGINEER | | THE COPYRIGHT OF THIS DRAWING AND DESIGN REMAINS THE PROPERTY OF THE ARCHITECT AND NO PORTION MAY BE USED OR REPRODUCED W/O THE WRITTEN CONSENT OF THE ARCHITECT. DO NOT SCALE DRAWING. ALL DIMENSIONS ARE SHOWN IN METERS. ANY DISCREPANCY ON THIS SHEET MUST BE VERIFIED WITH THE ARCHITECT AND/OR THE ENGINEER. | REVISIONS | DATE | PROJECT TITLE PROPOSED OFFICE RENOVATION GF DTI UPRC BLDG., SEN. GIL PUYAT AVE., MAKATI | OWNER DEPARTMENT OF TRADE & INDUSTRY FAIR TRADE ENFORCEMENT BUREAU | SHEET CONTENTS | SHEET NO. | |
| | | | | | | | | AC/VENTILATION LAY-OUT | M 002 | |
| | PTR | | | DATE | | | | | | |
| | PRC | | | TIN | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

GENERAL NOTES

1. ALL PLUMBING WORKS INCLUDED HEREIN SHALL BE EXECUTED ACCORDING TO THE PROVISIONS OF THE PHIL. PLUMBING CODE. THE NATIONAL PLUMBING CODE & THE RULES & REGULATIONS OF MAKATI.
2. COORDINATE THE DRAWING WITH OTHER RELATED DRAWINGS AND SPECIFICATION. THE 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 TRADE SHALL BE WITH PRIOR APPROVAL OF THE ARCHITECT OR ENGINEER.
4. PROPOSED SANITARY UTILITIES SHALL CONFORM TO THE ACTUAL LOCATION, DEPTH AND INVERT ELEVATION OF ALL EXISTING PIPES AND STRUCTURES AS VERIFIED BY THE CONTRACTOR.
5. SIZE OF WATER SUPPLY PIPES TO FIXTURES SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
6. THE CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES AT SITE, COORDINATE THE WORKS WITH THE SEWER LINE EFFLUENT DISPOSAL POINT AND WATER LINE SERVICE CONNECTING POINT UNLESS OTHERWISE SPECIFIED.
7. ALL SLOPES FOR HORIZONTAL DRAINAGE SHALL MAINTAIN 1% MINIMUM UNLESS OTHERWISE SPECIFIED
8. ALL PLUMBING WORKS SHALL BE DONE UNDER THE DIRECT SUPERVISION OF A REGISTERED MASTER PLUMBER.

MATERIAL SPECIFICATIONS :

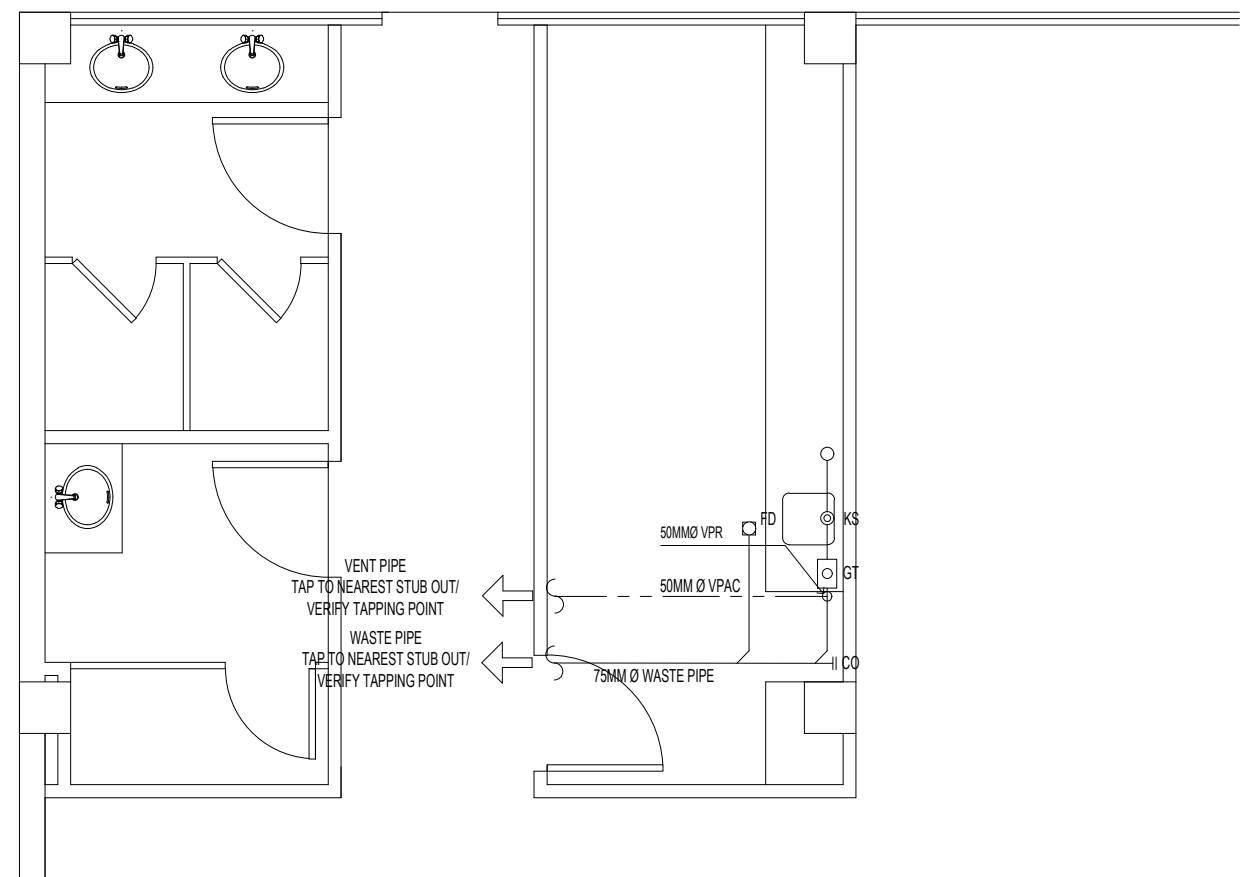
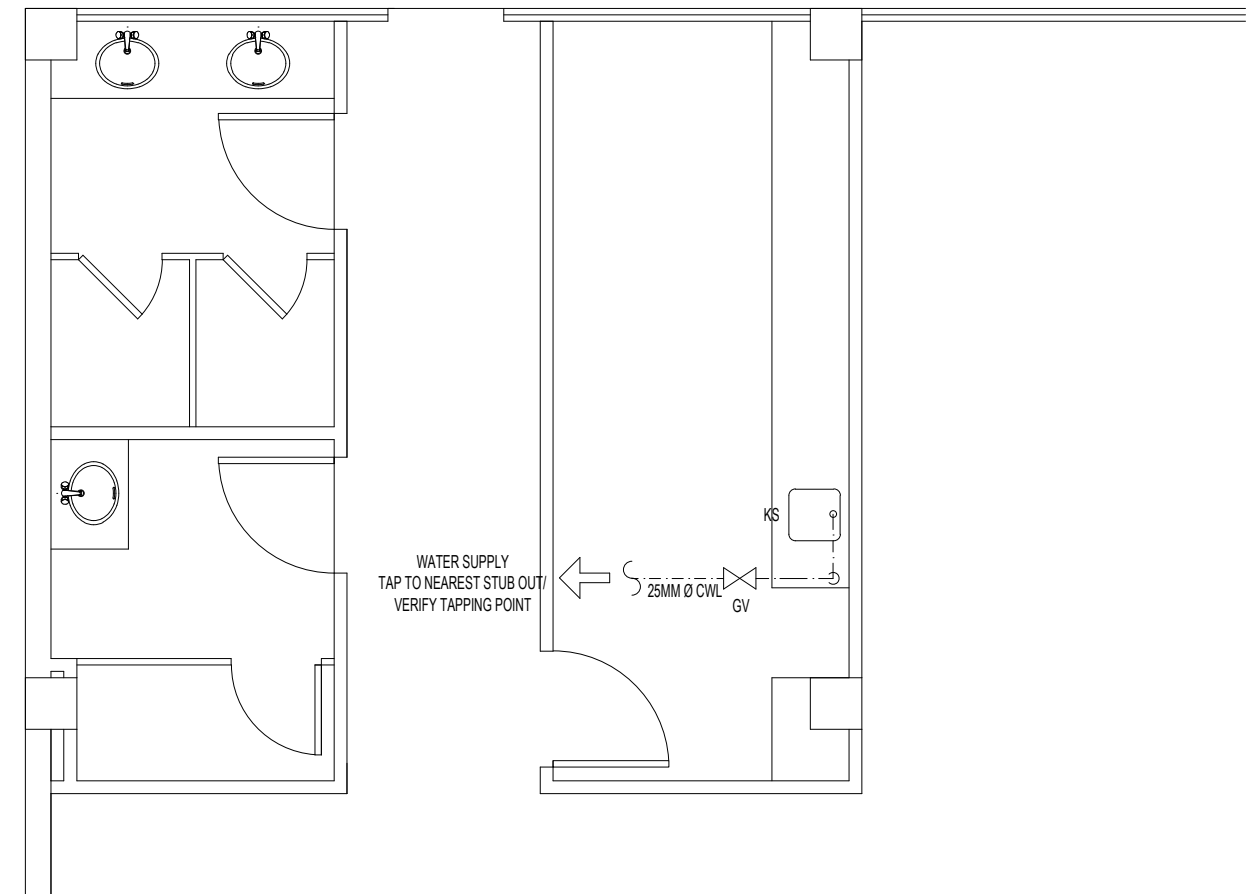
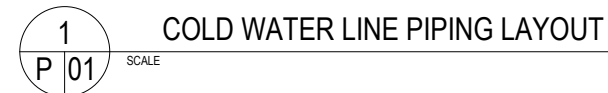
| | |
|-------------|--|
| WATER LINES | ALL WATER LINES SHALL POLYPROPYLENE (PPR) OF REPUTABLE BRAND WITH FUSION TYPE JOINTS |
| SEWER LINES | ALL SEWER LINES SHALL BE POLYVINYL CHLORIDE (PVC) PIPE SERIES 1000 II, "NELTEX" BRAND OR APPROVED EQUAL. FITTINGS SHALL BE SOLVENT CEMENT JOINT TO ASTM D2564. |
| VENT LINES | ALL VENT LINES SHALL BE POLYVINYL CHLORIDE (PVC) PIPE SERIES 1000 II, "NELTEX" BRAND OR APPROVED EQUAL. FITTINGS SHALL BE SOLVENT CEMENT JOINT TO ASTM D2564. |
| FLOOR DRAIN | "UNILEX", MODEL U623, "JAMAN" OR APPROVED EQUAL. |
| CLEANOUT | "UNILEX", MODEL U 309 "JAMAN" OR APPROVED EQUAL. |

NOTES:

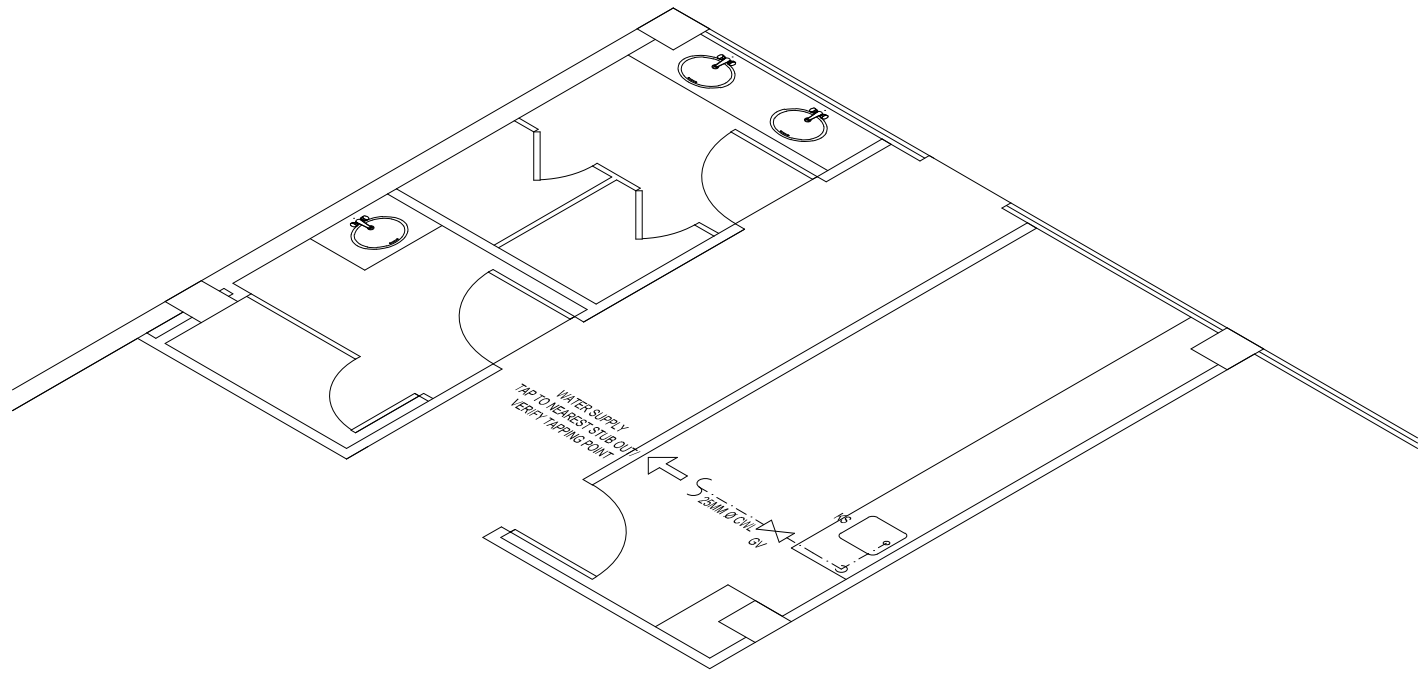
- VERIFY ALL EXISTING MATERIAL SPECIFICATIONS.
- ALL MATERIALS SHOULD FOLLOW EXISTING MATERIALS.

LEGEND:

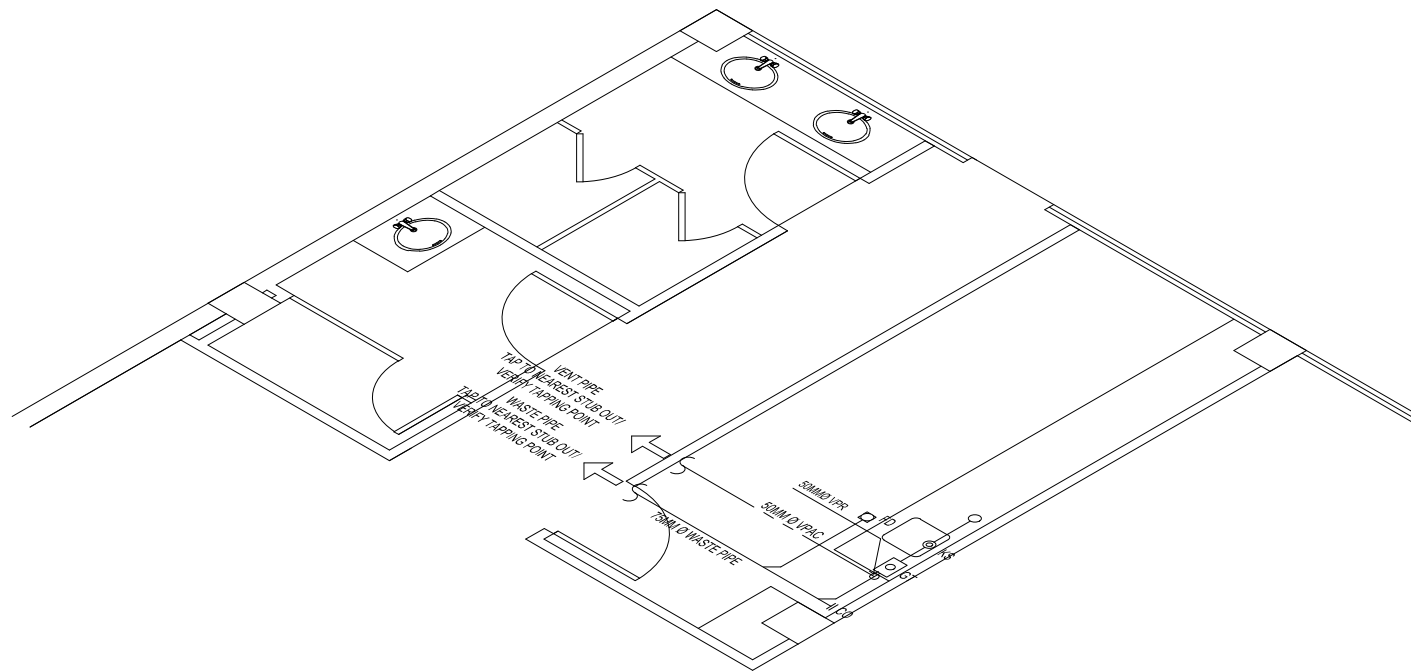
| | | | |
|-----|--------------|-------|------------------------------|
| CO | CLEAN OUT | KS | KITCHEN SINK |
| FD | FLOOR DRAIN | CWLAC | COLD WATERLINE ABOVE CEILING |
| SD | SHOWER DRAIN | SS | SOIL STACK |
| WC | WATER CLOSET | CWL | COLD WATER LINE |
| LAV | LAVATORY | CWDF | COLD WATER DOWN FEED |
| SH | SHOWER HEAD | CIGT | CAST IRON GREASE TRAP |
| GV | GATE VALVE | VPAC | VENT PIPE ABOVE CEILING |



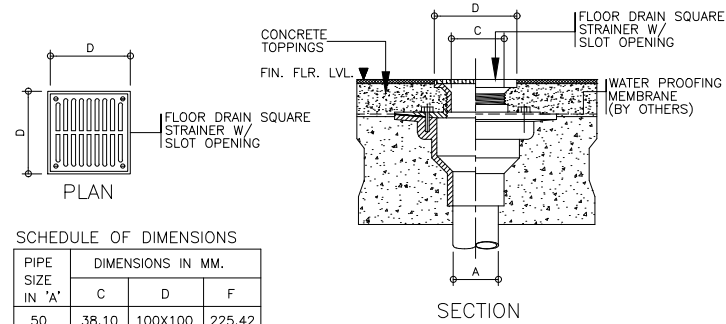
| | | | | | | | | | | | |
|--|--|----------|--|--|--|-----------|------|---|---|---|---|
| <div style="text-align: center;"> JAY R. TRONCALES ARCHITECT </div> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> UNIT 1100D V. MADRIGAL BLDG., AYALA AVE., MAKATI CITY 0917-5218025 </div> | | ENGINEER | | THE COPYRIGHT OF THIS DRAWING AND DESIGN REMAINS THE PROPERTY OF THE ARCHITECT AND NO PORTION MAY BE USED OR REPRODUCED W/O THE WRITTEN CONSENT OF THE ARCHITECT. DO NOT SCALE DRAWING. ALL DIMENSIONS ARE SHOWN IN METERS. ANY DISCREPANCY ON THIS SHEET MUST BE VERIFIED WITH THE ARCHITECT AND/OR THE ENGINEER. | | REVISIONS | DATE | PROJECT TITLE | OWNER | SHEET CONTENTS | SHEET NO. |
| | | | | | | | | PROPOSED OFFICE RENOVATION GF DTI UPRC BLDG., SEN. GIL PUYAT AVE., MAKATI | DEPARTMENT OF TRADE & INDUSTRY FAIR TRADE ENFORCEMENT BUREAU | GENERAL NOTES COLD WATER SUPPLY PIPING LAY-OUT SEWER/DRAINAGE/VENT PIPING LAY-OUT REFLECTED CEILING PLAN | <div style="text-align: center; font-size: 2em;">P 01</div> |
| | | PTR DATE | | | | | | | | | |
| | | PRC TIN | | | | | | | | | |
| | | | | | | | | | | | SANITARY/PLUMBING |



1 COLD WATER LINE PIPING ISOMETRIC LAYOUT
SCALE 1:35



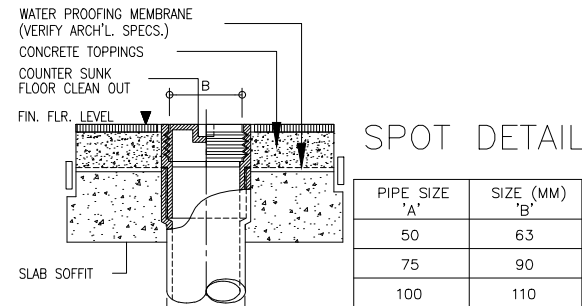
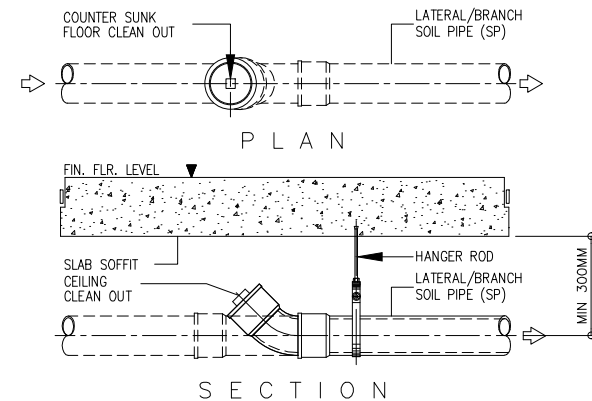
2 SEWER/VENT/DRAINAGE PIPING ISOMETRIC LAYOUT
SCALE 1:35



SCHEDULE OF DIMENSIONS

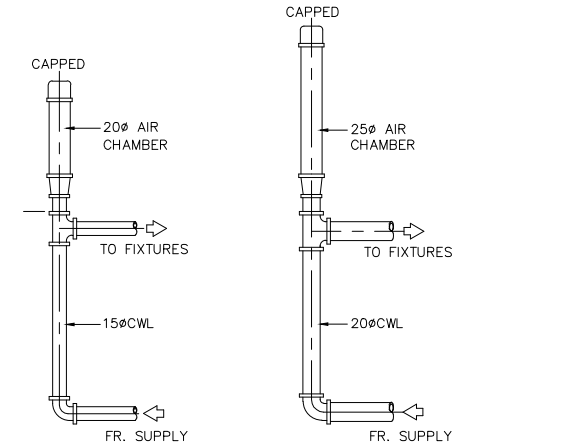
| PIPE SIZE IN "A" | DIMENSIONS IN MM. | | |
|------------------|-------------------|---------|--------|
| | C | D | F |
| 50 | 38.10 | 100X100 | 225.42 |
| 75 | 38.10 | 125X125 | 225.42 |
| 100 | 40.00 | 150X150 | 225.42 |
| 150 | 50.80 | 200X200 | 282.57 |

3 TYPICAL DETAIL OF FLOOR DRAIN
SCALE NTS

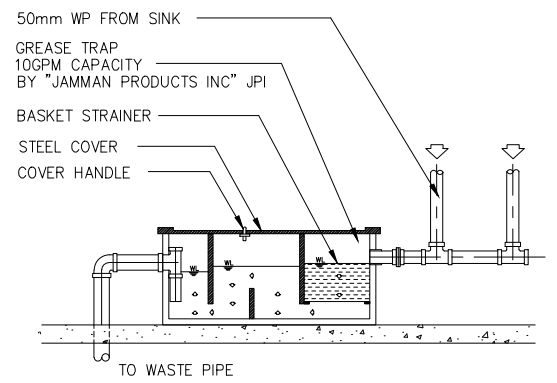


| PIPE SIZE "A" | SIZE (MM) "B" |
|---------------|---------------|
| 50 | 63 |
| 75 | 90 |
| 100 | 110 |

4 TYPICAL DETAIL OF CLEANOUT
SCALE NTS

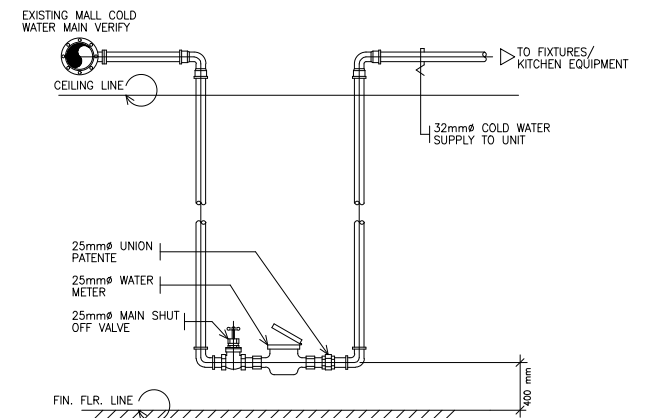


5 DETAIL OF AIR CHAMBER
SCALE NTS



GREASE TRAP BY: "JAMMAN PRODUCTS INC. JPI"

6 DETAIL OF GREASE TRAP
SCALE NTS



7 DETAIL OF WATER METER
SCALE NTS

JAY R. TRONCALES
ARCHITECT

UNIT 1100D V. MADRIGAL BLDG., AYALA AVE., MAKATI CITY 0917-5218025

| | |
|----------|------|
| ENGINEER | |
| PTR | DATE |
| PRC | TIN |

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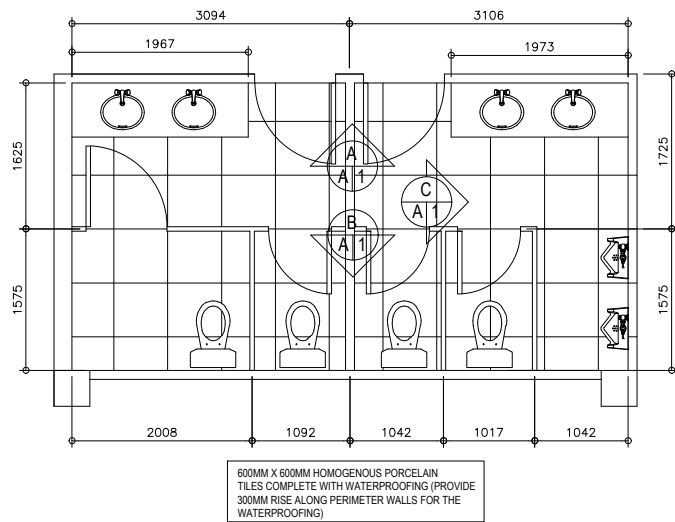
| | |
|-----------|------|
| REVISIONS | DATE |
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PROJECT TITLE
PROPOSED OFFICE RENOVATION
GF DTI UPRC BLDG., SEN. GIL PUYAT AVE., MAKATI

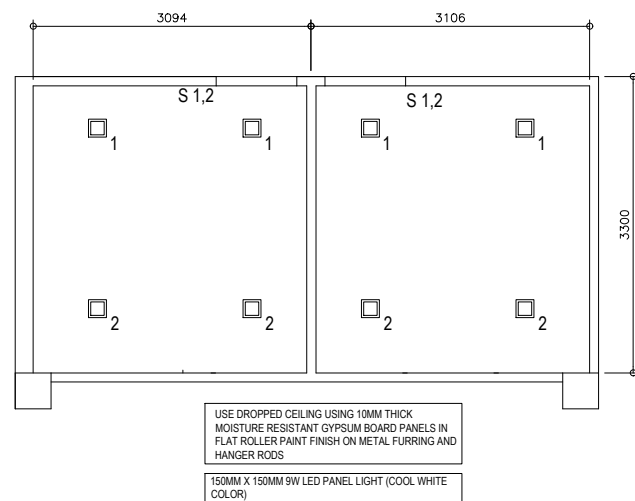
OWNER
DEPARTMENT OF TRADE & INDUSTRY
FAIR TRADE ENFORCEMENT BUREAU

SHEET CONTENTS
VARIOUS DETAILS
COLD WATER LINE PIPING ISOMETRIC LAYOUT
SEWER/VENT/DRAINAGE PIPING ISOMETRIC LAYOUT

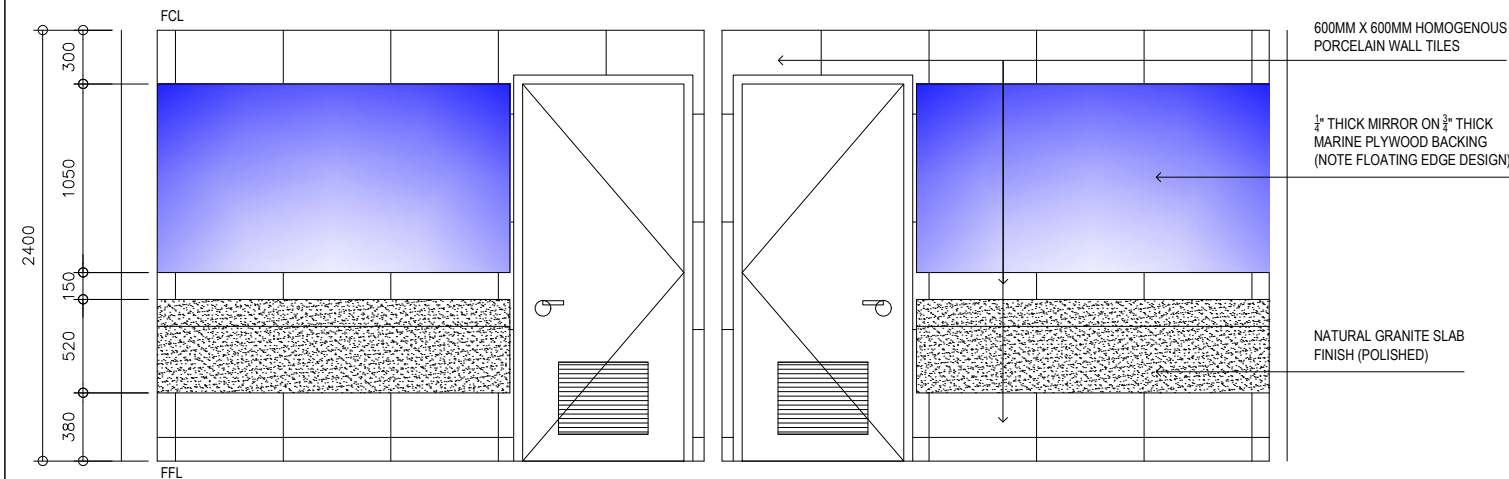
SHEET NO.
P 02
SANITARY/PLUMBING



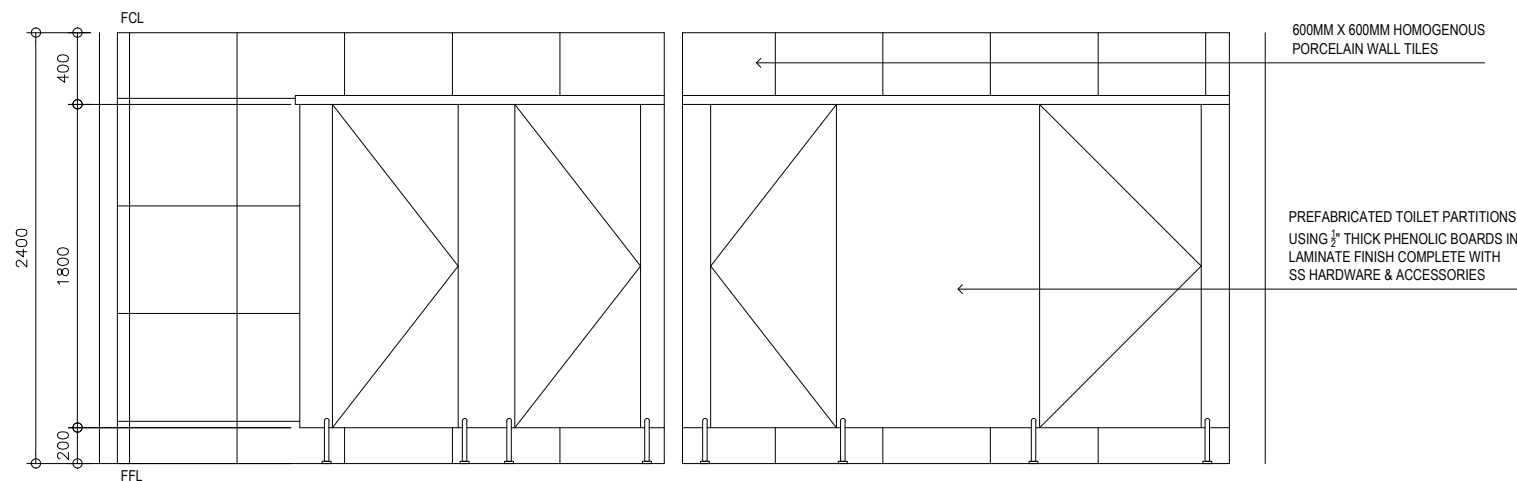
1
A 1
2/F COMMON WASHROOM
DETAILED FLOOR PLAN
SCALE 1:50



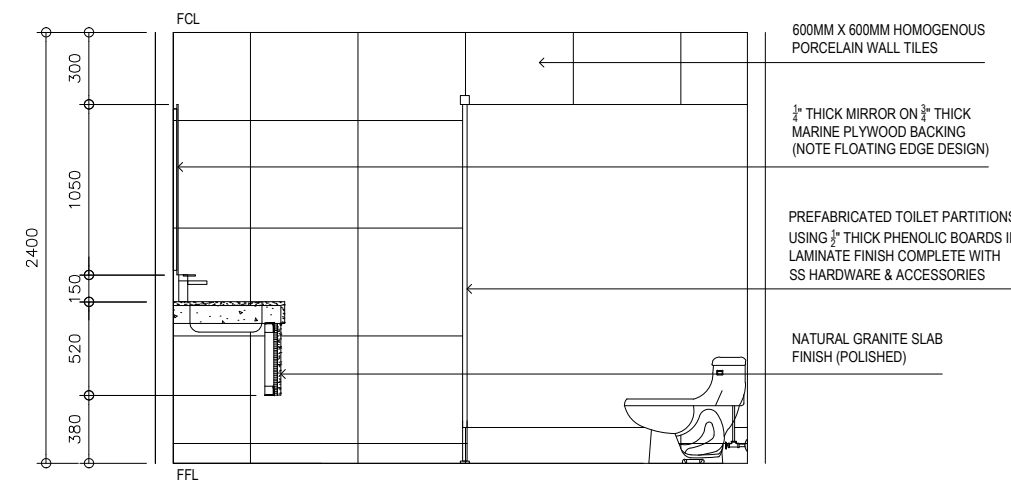
2
A 1
2/F COMMON WASHROOM
REFLECTED CEILING PLAN
SCALE 1:50



A
A 1
2/F COMMON WASHROOM
SECTIONAL ELEVATION A
SCALE 1:25



B
A 1
2/F COMMON WASHROOM
SECTIONAL ELEVATION B
SCALE 1:25



C
A 1
2/F COMMON WASHROOM
SECTIONAL ELEVATION C
SCALE 1:25

JAY R. TRONCALES
ARCHITECT

UNIT 1100D V. MADRIGAL BLDG., AYALA AVE., MAKATI CITY 0917-5218025

JERICO JOSEPH R. TRONCALES
PTR 9323737 DATE 01/15/2020
PRC 12935 TIN 169-061-073

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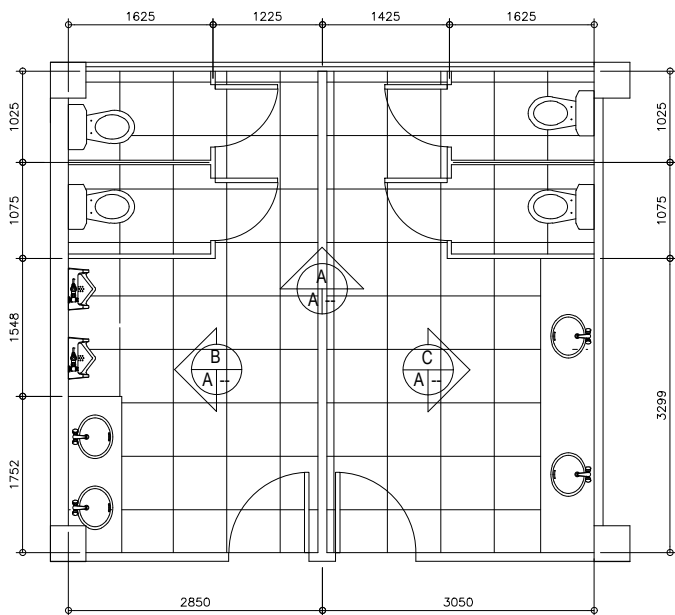
| REVISIONS | DATE |
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PROJECT TITLE
PROPOSED WASHROOM RENOVATION
2F & 3F DTI UPRC BLDG., SEN. GIL PUYAT AVE., MAKATI

OWNER
DEPARTMENT OF TRADE & INDUSTRY
FAIR TRADE ENFORCEMENT BUREAU

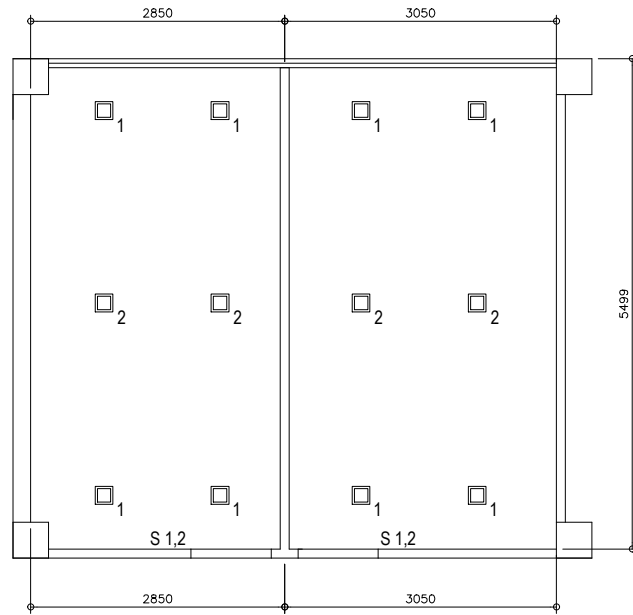
SHEET CONTENTS
2/F COMMON WASHROOM DETAILS

SHEET NO.
A 001
ARCHITECTURAL



600MM X 600MM HOMOGENOUS PORCELAIN TILES COMPLETE WITH WATERPROOFING (PROVIDE 300MM RISE ALONG PERIMETER WALLS FOR THE WATERPROOFING)

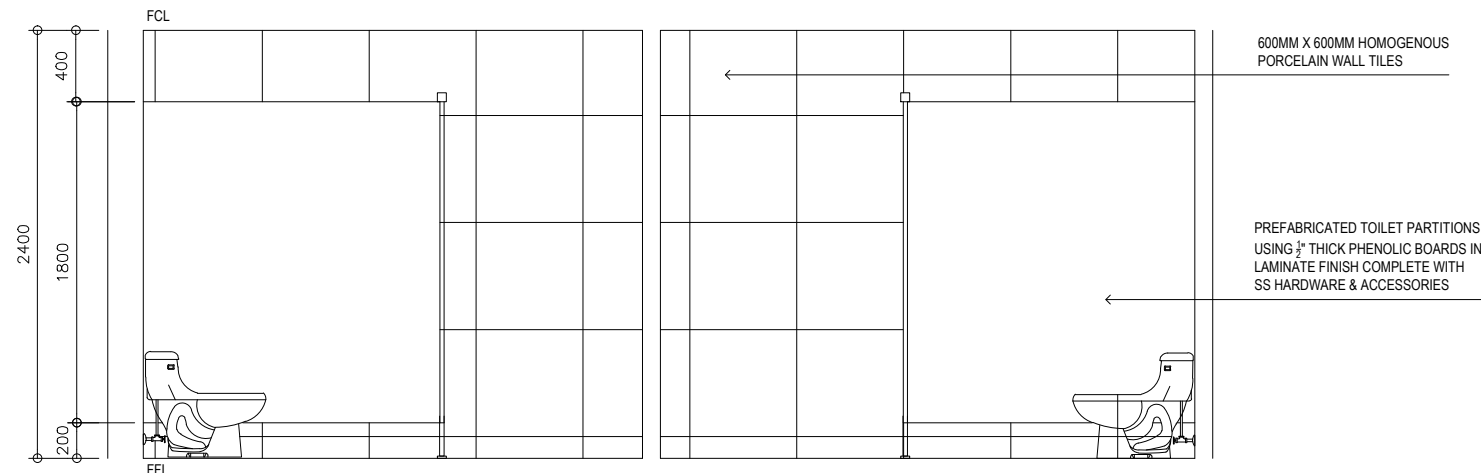
1
A 2
3/F COMMON WASHROOM
DETAILED FLOOR PLAN
SCALE 1:50



USE DROPPED CEILING USING 10MM THICK MOISTURE RESISTANT GYPSUM BOARD PANELS IN FLAT ROLLER PAINT FINISH ON METAL FURRING AND HANGER RODS

150MM X 150MM 9W LED PANEL LIGHT (COOL WHITE COLOR)

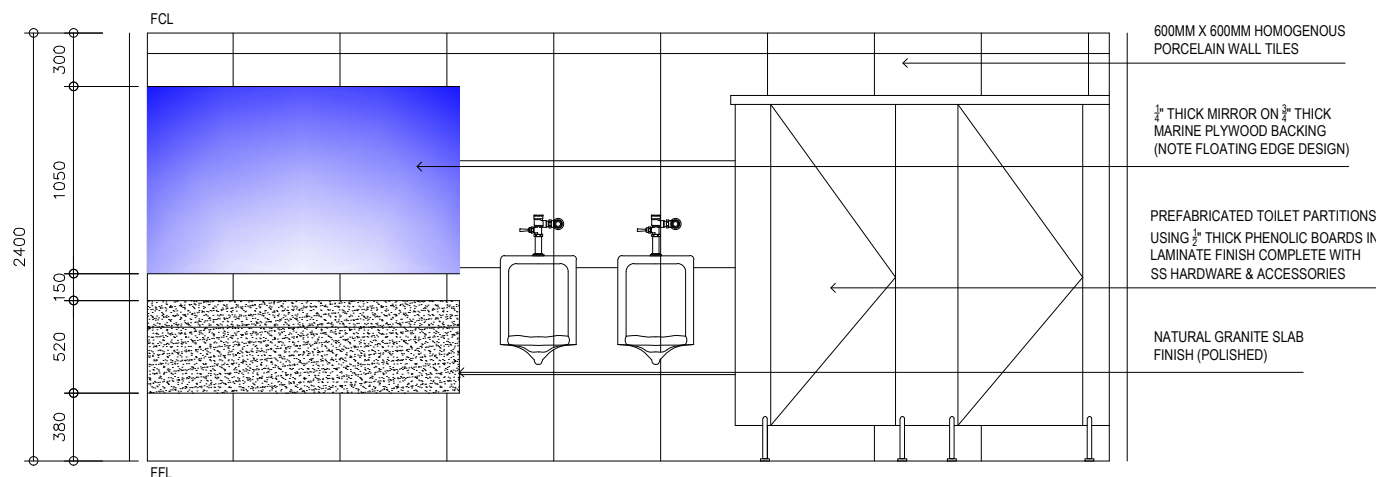
2
A 2
3/F COMMON WASHROOM
REFLECTED CEILING PLAN
SCALE 1:50



600MM X 600MM HOMOGENOUS PORCELAIN WALL TILES

PREFABRICATED TOILET PARTITIONS USING 1/2" THICK PHENOLIC BOARDS IN LAMINATE FINISH COMPLETE WITH SS HARDWARE & ACCESSORIES

A
A 2
3/F COMMON WASHROOM
SECTIONAL ELEVATION A
SCALE 1:25



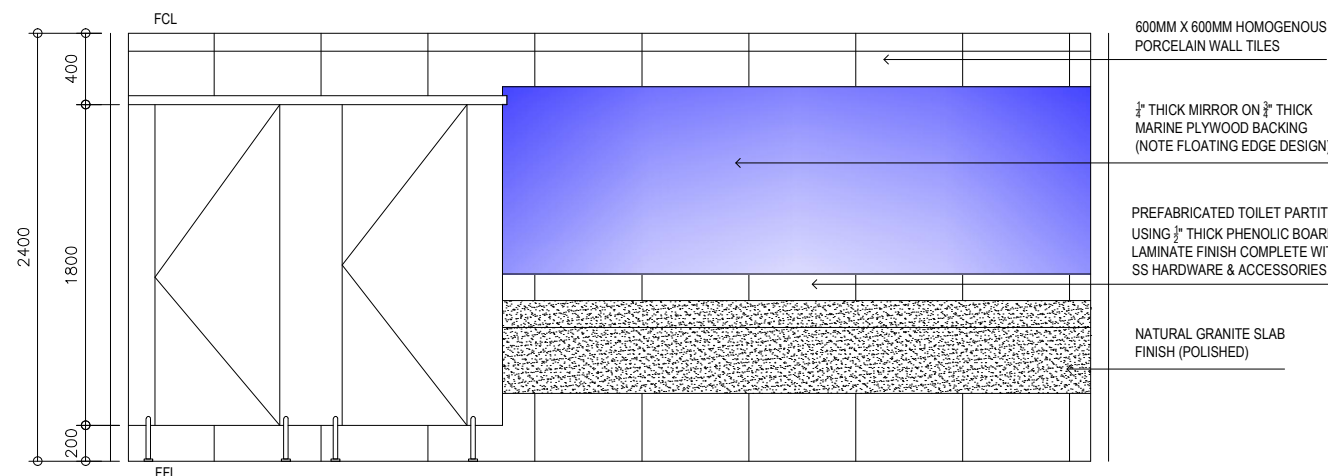
600MM X 600MM HOMOGENOUS PORCELAIN WALL TILES

1/2" THICK MIRROR ON 1/2" THICK MARINE PLYWOOD BACKING (NOTE FLOATING EDGE DESIGN)

PREFABRICATED TOILET PARTITIONS USING 1/2" THICK PHENOLIC BOARDS IN LAMINATE FINISH COMPLETE WITH SS HARDWARE & ACCESSORIES

NATURAL GRANITE SLAB FINISH (POLISHED)

B
A 2
3/F COMMON WASHROOM
SECTIONAL ELEVATION B
SCALE 1:25



600MM X 600MM HOMOGENOUS PORCELAIN WALL TILES

1/2" THICK MIRROR ON 1/2" THICK MARINE PLYWOOD BACKING (NOTE FLOATING EDGE DESIGN)

PREFABRICATED TOILET PARTITIONS USING 1/2" THICK PHENOLIC BOARDS IN LAMINATE FINISH COMPLETE WITH SS HARDWARE & ACCESSORIES

NATURAL GRANITE SLAB FINISH (POLISHED)

C
A 2
3/F COMMON WASHROOM
SECTIONAL ELEVATION C
SCALE 1:25

JAY R. TRONCALES
ARCHITECT

UNIT 1100D V. MADRIGAL BLDG., AYALA AVE., MAKATI CITY

0917-5218025

JERICO JOSEPH R. TRONCALES

PTR 9323737

DATE 01/15/2020

PRC 12935

TIN 169-061-073

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REVISIONS

DATE

PROJECT TITLE

OWNER

SHEET CONTENTS

SHEET NO.

PROPOSED WASHROOM RENOVATION

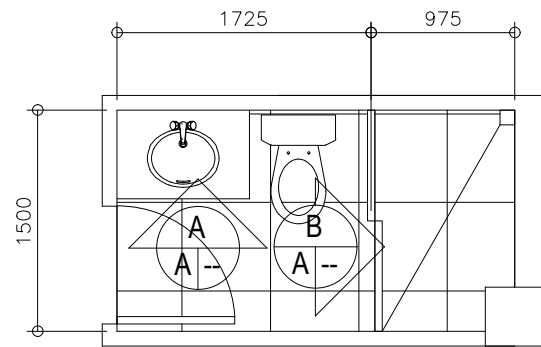
2F & 3F DTI UPRC BLDG., SEN. GIL PUYAT AVE., MAKATI

DEPARTMENT OF TRADE & INDUSTRY
FAIR TRADE ENFORCEMENT BUREAU

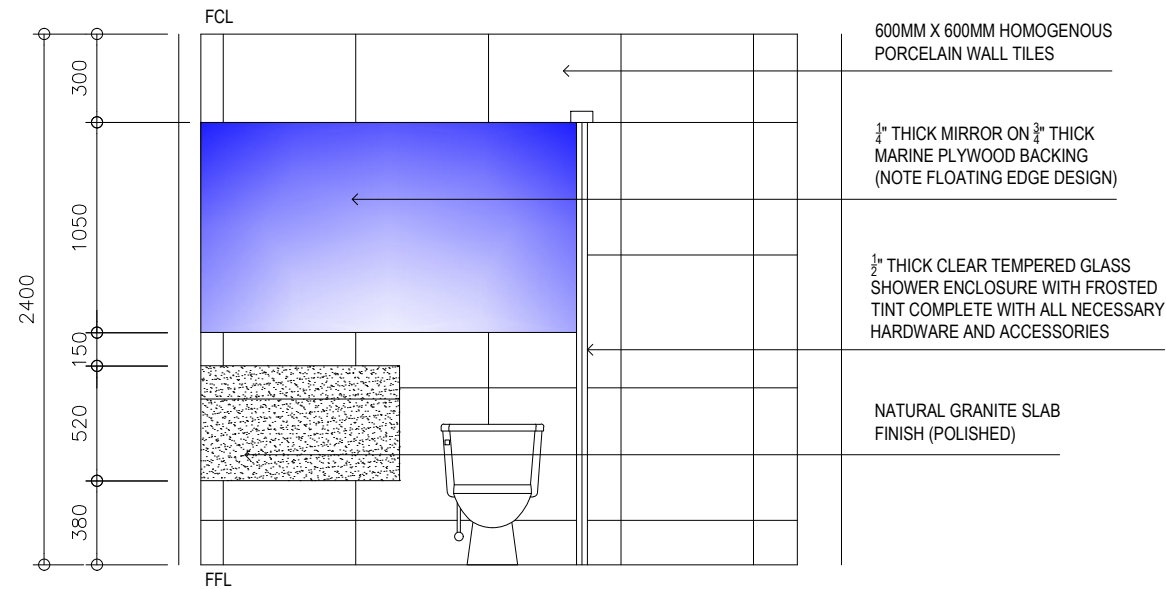
3/F COMMON WASHROOM DETAILS

A 002

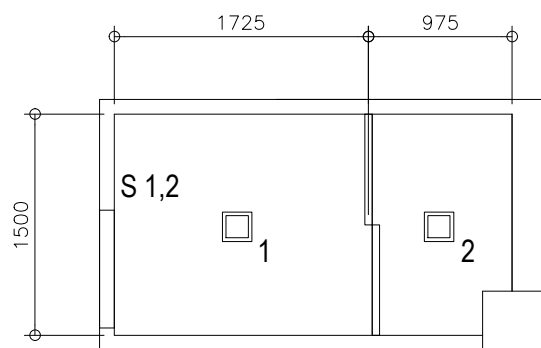
ARCHITECTURAL



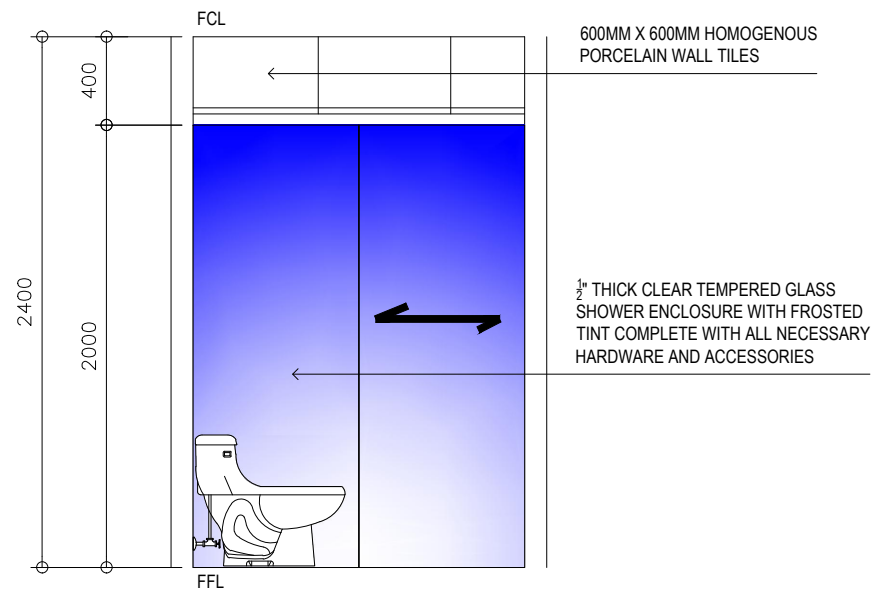
1
A 3 DIRECTOR'S WASHROOM
DETAILED FLOOR PLAN
SCALE 1:30



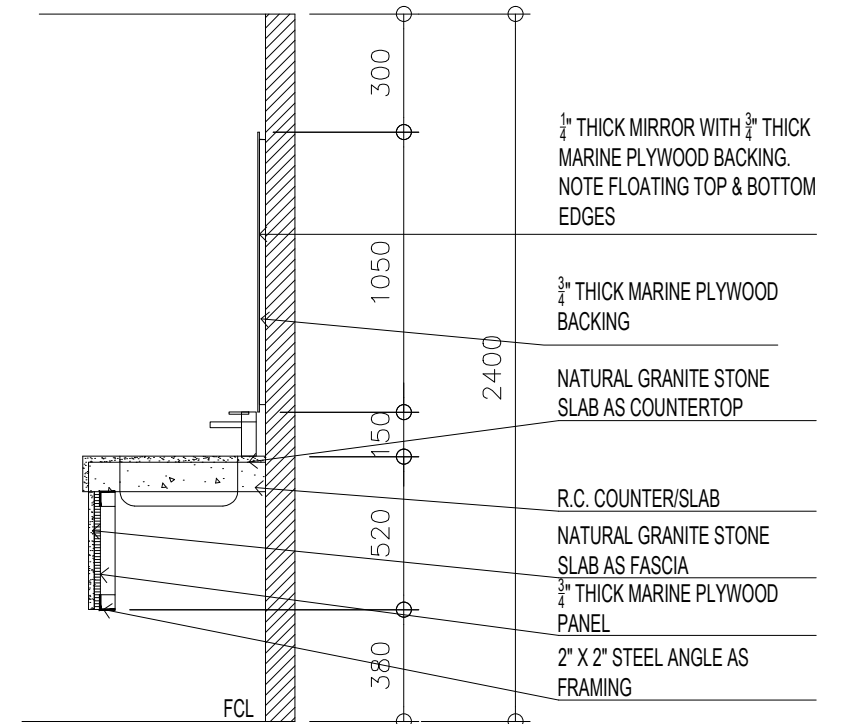
A
A 3 DIRECTOR'S WASHROOM
SECTIONAL ELEVATION A
SCALE 1:20



2
A 3 DIRECTOR'S WASHROOM
REFLECTED CEILING PLAN
SCALE 1:30



B
A 3 DIRECTOR'S WASHROOM
SECTIONAL ELEVATION B
SCALE 1:20



3
A 3 TYPICAL LAVATORY COUNTER
DETAILED SECTION
SCALE 1:20

JAY R. TRONCALES
ARCHITECT

UNIT 1100D V. MADRIGAL BLDG., AYALA AVE., MAKATI CITY

0917-5218025

JERICO JOSEPH R. TRONCALES

PTR 9323737 DATE 01/15/2020

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REVISIONS

DATE

PROJECT TITLE

OWNER

SHEET CONTENTS

SHEET NO.

PROPOSED WASHROOM RENOVATION
2F & 3F DTI UPRC BLDG., SEN. GIL PUYAT AVE., MAKATI

DEPARTMENT OF TRADE & INDUSTRY
FAIR TRADE ENFORCEMENT BUREAU

DIRECTOR'S WASHROOM DETAILS
TYPICAL LAVATORY COUNTER DETAILS

A 003

ARCHITECTURAL

| | | | | | | | |
|---|---|--------|-------|---------------|------------|------------------------|--|
| PROJECT : DTI OFFICE RENOVATION PROJECT (UPRC OFFICES & I&I BLDG.) | | | | | | | |
| LOCATION : UPRC Bldg. 312 Buendia Ave, Makati & Industry and Investments Building, 385 Sen. Gil J. Puyat Ave, Makati, | | | | | | | |
| SUBJECT : Scope Of Work/Bill Of Quantities | | | | | | | |
| | | | | | | | |
| | SCOPE OF WORK | QTY | UNIT | MATERIAL COST | LABOR COST | UNIT COST (MC + LC) | SUBTOTAL (QTY * UC) (PER CATEGORY) |
| | | | | | | | |
| A | <u>4TH FLOOR OFFICE RENOVATION</u> | | | | | | |
| | | | | | | | |
| 1 | <u>Dismantling & Demolition Works</u> | | | | | | |
| 1.1 | Dismantling of existing floor treatment to accommodate the new floor finish | 506.00 | sq.m. | | | | |
| | | | | | | | |
| 1.2 | Demolition of existing partitions as affected by the new layout and design | 130.00 | sq.m. | | | | |
| | | | | | | | |
| 1.3 | Dismantling of existing ceiling treatment to accommodate the new ceiling finish | 302.00 | sq.m. | | | | |
| | | | | | | | |
| 2 | <u>Interior Architectural Work</u> | | | | | | |
| | | | | | | | |
| 2.1 | <u>Floor Works</u> | | | | | | |
| 2.1.1 | Supply and installation of the following floor treatments | | | | | | |
| | | | | | | | |
| 2.1.1.1 | 150mm x 1000mm x 3mm simulated wood vinyl tiles complete with self levelling base (remove or correct base floor before installation)(FF1) | 68.00 | sq.m. | | | | |
| | | | | | | | |
| 2.1.1.2 | 300mm x300mm x 3mm vinyl tiles complete with self levelling cement base (remove or correct base floor before installation) (FF2) | 498.00 | sq.m. | | | | |
| | | | | | | | |
| 2.2 | <u>Wall Works</u> | | | | | | |
| 2.2.1 | Supply and installation of drywall partition using gypsum board panels with metal furring | | | | | | |
| | | | | | | | |

| | | | | | | | | |
|--------------|---|--------|-------|--|--|--|--|--|
| 2.2.1.1 | Double Face (WF2) | 207.50 | sq.m. | | | | | |
| 2.2.3 | Supply and installation of overhead support framing for the floor to ceiling glass partitions | 32.00 | l.m. | | | | | |
| 2.3 | <u>Wood Trims</u> | | | | | | | |
| 2.3.1 | Supply and installation of the following wood doors: | | | | | | | |
| 2.3.1.1 | Door 2 (Single Flush Door) | 2.00 | sets | | | | | |
| 2.3.1.2 | Door 4 (Existing door to be relocated) | 1.00 | set | | | | | |
| 2.4 | <u>Cabinetry</u> | | | | | | | |
| 2.4.1 | Supply and installation of built in cabinetry for the ff. (including countertops): | | | | | | | |
| 2.4.1.1 | Pantry | 1.00 | lot | | | | | |
| 2.5 | <u>Ceiling Works</u> | | | | | | | |
| 2.5.1 | Supply and installation of 600mm x 600mm acoustical ceiling tiles on metal tee runners | 566.00 | sq.m. | | | | | |
| 2.6 | <u>Painting Works</u> | | | | | | | |
| 2.6.1 | <u>Wall Works</u> | | | | | | | |
| 2.6.1.1 | High gloss roller paint finish for all gypsum and plastered surfaces | 352.50 | sq.m. | | | | | |
| 2.6.1.2 | Duco finish for specified doors | | | | | | | |
| 2.6.1.2.1 | Doors (new & existing) | 6.00 | sets | | | | | |
| 2.6.2 | <u>Ceiling Works</u> | | | | | | | |
| 2.6.2.1 | Flat roller paint finish for all gypsum surfaces | 20.00 | sq.m. | | | | | |
| | | | | | | | | |
| | | | | | | | | |

| | | | | | | | | |
|------------|--|-------|-------|--|--|--|--|--|
| 2.7 | <u>Glass Works</u> | | | | | | | |
| 2.7.1 | Supply and installation of 1/2" thick | 80.00 | sq.m. | | | | | |
| | clear tempered glass panels with frosted | | | | | | | |
| | tint (WF-2) | | | | | | | |
| 2.7.2 | Supply and installation of 1/4" thick | 18.60 | sq.m. | | | | | |
| | painted glass panels as whiteboard | | | | | | | |
| | where specified (WF-5) | | | | | | | |
| 2.7.3 | Supply and installation of the following | | | | | | | |
| | glass doors: | | | | | | | |
| 2.7.3.1 | Door 1 (Single Leaf) | 9.00 | sets | | | | | |
| 2.7.3.1 | Door 3 (Single Leaf - Sliding) | 1.00 | set | | | | | |
| | | | | | | | | |
| 2.9 | <u>Special Items</u> | | | | | | | |
| 2.9.1 | Built up metal signage in automotive lacquer | | | | | | | |
| | finish for the following: | | | | | | | |
| 2.9.1.1 | Reception | 1.00 | lot | | | | | |
| | | | | | | | | |
| 2 | <u>Engineering Works</u> | | | | | | | |
| 2.1 | <u>Electrical Works</u> | | | | | | | |
| 2.1 | Supply and installation of all necessary | 1.00 | lot | | | | | |
| | electrical lines and devices including | | | | | | | |
| | all roughing ins and accessories as | | | | | | | |
| | required by the new layout and design | | | | | | | |
| 2.2 | Supply and installation of the following | | | | | | | |
| | lighting fixtures | | | | | | | |
| 2.2.1 | 9w LED lighting fixture (150mm square) | 30.00 | sets | | | | | |
| 2.2.2 | 3-9w LED tube 600mm x 600mm Troffer | 54.00 | sets | | | | | |
| | silver interlock diffuser and mirrorized | | | | | | | |
| | parabolic reflector | | | | | | | |
| 2.2.3 | 14w LED TUBE Lighting Fixture | 3.00 | sets | | | | | |

| | | | | | | | | |
|-------------------------|---|-------|------|--|--|--|--|--|
| 2.2.5 | LED Emergency Light | 10.00 | sets | | | | | |
| 2.2.6 | LED Exit Light | 9.00 | sets | | | | | |
| 2.3 | <u>Mechanical Works</u> | | | | | | | |
| 2.3.1 | Relocation and rehabilitation where necessary of existing ducting as required by the new layout and design (including air balancing and installation of all required damopers | 1.00 | lot | | | | | |
| 2.3.2 | Supply and installation of 1.5 hp inverter split type ACU | 3.00 | sets | | | | | |
| 2.4 | <u>Sanitary/Plumbing Works</u> | | | | | | | |
| 2.4.1 | Supply and installation of all necessary plumbing and sanitary lines as required by the new layout and design (including waterproofing of pantry/washrooms) | 1.00 | lot | | | | | |
| 2.4.2.1 | Pantry Sink | 1.00 | set | | | | | |
| 2.4.2.2 | Pantry Faucet | 1.00 | set | | | | | |
| 2.5 | <u>General Requirements</u> | | | | | | | |
| 2.5.1 | Permits | 1.00 | lot | | | | | |
| 2.5.2 | Insurances & Bonds | 1.00 | lot | | | | | |
| GRAND TOTAL | | | | | | | | |
| Prepared By: | | | | | | | | |
| Person In Charge | | | | | | | | |
| Position | | | | | | | | |

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|---|---|--------|-------|---------------|------------|-----------|----------------|
| PROJECT : DTI OFFICE RENOVATION PROJECT (UPRC OFFICES & I&I BLDG.) | | | | | | | |
| LOCATION : UPRC Bldg. 312 Buendia Ave, Makati & Industry and Investments Building, 385 Sen. Gil J. Puyat Ave, Makati, | | | | | | | |
| SUBJECT : Scope Of Work/Bill Of Quantities | | | | | | | |
| | | | | | | | |
| | SCOPE OF WORK | QTY | UNIT | MATERIAL COST | LABOR COST | UNIT COST | TOTAL COST |
| | | | | | | (MC + LC) | (QTY * UC) |
| | | | | | | | (PER CATEGORY) |
| A | <u>5TH FLOOR OFFICE RENOVATION</u> | | | | | | |
| | | | | | | | |
| 1 | <u>Dismantling & Demolition Works</u> | | | | | | |
| | | | | | | | |
| 1.1 | Dismantling of existing floor treatment to accommodate the new floor finish | 235.00 | sq.m. | | | | |
| | | | | | | | |
| 1.2 | Demolition of existing partitions as affected by the new layout and design | 50.00 | sq.m. | | | | |
| | | | | | | | |
| 1.3 | Dismantling of existing ceiling treatment to accommodate the new ceiling finish | 235.00 | sq.m. | | | | |
| | | | | | | | |
| 2 | <u>Interior Architectural Work</u> | | | | | | |
| | | | | | | | |
| 2.1 | <u>Floor Works</u> | | | | | | |
| 2.1.1 | Supply and installation of the following floor treatments | | | | | | |
| | | | | | | | |
| 2.1.1.1 | 150mm x 1000mm x 3mm simulated wood vinyl tiles complete with self levelling base (remove or correct base floor before installation)(FF1) | 44.00 | sq.m. | | | | |
| | | | | | | | |
| 2.1.1.2 | 300mm x300mm x 3mm vinyl tiles complete with self levelling cement base (remove or correct base floor before installation) (FF2) | 191.00 | sq.m. | | | | |
| | | | | | | | |
| 2.2 | <u>Wall Works</u> | | | | | | |
| 2.2.1 | Supply and installation of drywall partition using gypsum board panels | | | | | | |
| | | | | | | | |

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|--------------|---|--------|-------|--|--|--|--|--|
| | with metal furring | | | | | | | |
| 2.2.1.1 | Double Face (WF2) | 60.00 | sq.m. | | | | | |
| 2.2.3 | Supply and installation of overhead support framing for the floor to ceiling glass partitions | 17.00 | l.m. | | | | | |
| 2.5 | <u>Ceiling Works</u> | | | | | | | |
| 2.5.1 | Supply and installation of 600mm x 600mm acoustical ceiling tiles on metal tee runners (CF1) | 235.00 | sq.m. | | | | | |
| 2.6 | <u>Painting Works</u> | | | | | | | |
| 2.6.1 | <u>Wall Works</u> | | | | | | | |
| 2.6.1.1 | High gloss roller paint finish for all gypsum and plastered surfaces | 564.00 | sq.m. | | | | | |
| 2.7 | <u>Glass Works</u> | | | | | | | |
| 2.7.1 | Supply and installation of 1/2" thick clear tempered glass panels with frosted tint (WF3) | 41.00 | sq.m. | | | | | |
| 2.7.2 | Supply and installation of 1/4" thick painted glass panels as whiteboard where specified (WF4) | 6.00 | sq.m. | | | | | |
| 2.7.3 | Supply and installation of the following glass doors: | | | | | | | |
| 2.7.3.1 | Door 1 (Single Leaf) | 4.00 | sets | | | | | |
| 2 | <u>Engineering Works</u> | | | | | | | |
| 2.1 | <u>Electrical Works</u> | | | | | | | |
| 2.1 | Supply and installation of all necessary electrical lines and devices including all roughing ins and accessories as | 1.00 | lot | | | | | |

| | | | | | | | | |
|-------|--|-------|------|--|--|--|--|--|
| | required by the new layout and design | | | | | | | |
| | | | | | | | | |
| 2.2 | Supply and installation of the following lighting fixtures | | | | | | | |
| | | | | | | | | |
| 2.2.1 | 9w LED lighting fixture (150mm square) | 8.00 | sets | | | | | |
| | | | | | | | | |
| 2.2.2 | 3-9w LED tube 600mm x 600mm Troffer silver interlock diffuser and mirrorized parabolic reflector | 42.00 | sets | | | | | |
| | | | | | | | | |
| 2.2.5 | LED Emergency Light | 4.00 | sets | | | | | |
| | | | | | | | | |
| 2.2.6 | LED Exit Light | 2.00 | sets | | | | | |
| | | | | | | | | |
| | 2.3 Mechanical Works | | | | | | | |
| 2.3.1 | Relocation and rehabilitation where necessary of existing ducting as required by the new layout and design (including air balancing and installation of all required damopers | 1.00 | lot | | | | | |
| | | | | | | | | |
| 2.3.2 | Supply and installation of 1.5 hp inverter split type ACU | 3.00 | sets | | | | | |
| | | | | | | | | |
| | 2.4 Others | | | | | | | |
| 2.4.1 | Dismantling, transfer and installation of office modular partitions complete with all necessary electrical lines and devices including all roughing ins and accessories as required by the new layout and design | 1.00 | lot | | | | | |
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| | GRAND TOTAL | | | | | | | |
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| | Prepared By: | | | | | | | |
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| | Person In Charge | | | | | | | |
| | Position | | | | | | | |

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| PROJECT : DTI OFFICE RENOVATION PROJECT (UPRC OFFICES & I&I BLDG.) | | | | | | | |
|---|--|--------|-------|---------------|------------|------------------------|--|
| LOCATION : UPRC Bldg. 312 Buendia Ave, Makati & Industry and Investments Building, 385 Sen. Gil J. Puyat Ave, Makati, | | | | | | | |
| SUBJECT : Scope Of Work/Bill Of Quantities | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | SCOPE OF WORK | QTY | UNIT | MATERIAL COST | LABOR COST | UNIT COST (MC + LC) | TOTAL COST (QTY * UC) (PER CATEGORY) |
| | | | | | | | |
| | <u>DTI FTEB GROUND FLOOR OFFICES</u> | | | | | | |
| | | | | | | | |
| | <u>1 Dismantling & Demolition Works</u> | | | | | | |
| | | | | | | | |
| 1.1 | Dismantling of existing floor treatment to accommodate the new floor finish | | | | | | |
| | | | | | | | |
| | Ground Floor | 30.00 | sq.m. | | | | |
| | | | | | | | |
| 1.2 | Demolition of existing partitions as affected by the new layout and design | | | | | | |
| | | | | | | | |
| | Ground Floor | 380.00 | sq.m. | | | | |
| | | | | | | | |
| 1.3 | Dismantling of existing ceiling treatment to accommodate the new ceiling finish | | | | | | |
| | | | | | | | |
| | Ground Floor | 174.00 | sq.m. | | | | |
| | | | | | | | |
| | <u>2 Interior Architectural Work</u> | | | | | | |
| | | | | | | | |
| | <u>2.1 Floor Works</u> | | | | | | |
| | | | | | | | |
| 2.1.1 | Supply and installation of the following floor treatments | | | | | | |
| | | | | | | | |
| | | | | | | | |
| 2.1.1.1 | Rehabilitation of existing floor finish as affected by the new layout and design | | | | | | |
| | | | | | | | |
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|------------|--|--------|-------|--|--|--|--|--|
| | Ground Floor | 130.00 | sq.m. | | | | | |
| 2.1.1.2 | Matte homogenous tiles 600mm x 600mm complete with cement topping (FF1) | | | | | | | |
| | Ground Floor | 40.00 | sq.m. | | | | | |
| 2.1.1.3 | 300mm x 300mm x 3mm vinyl tiles with self leveling cement base (remove or correct base flooring before installation) (FF2) | | | | | | | |
| | Ground Floor | 560.00 | sq.m. | | | | | |
| 2.2 | <u>Wall Works</u> | | | | | | | |
| 2.2.1 | Supply and installation of drywall partition using gypsum board panels with metal furring | | | | | | | |
| | Ground Floor (WF2) | 370.00 | sq.m. | | | | | |
| 2.2.2 | Supply and installation of 100mm thick CHB Partition | | | | | | | |
| | Ground Floor | 40.00 | sq.m. | | | | | |
| 2.2.3 | Supply and installation of matte homogenous tiles 600mm x 600mm | | | | | | | |
| | Ground Floor | 115.20 | sq.m. | | | | | |
| 2.2.4 | Supply and installation of prefab toilet partition | | | | | | | |
| | Ground Floor | 1.00 | lot | | | | | |
| 2.3 | <u>Wood Trims</u> | | | | | | | |
| 2.3.1 | Supply and installation of the following | | | | | | | |

| | | | | | | | | |
|------------|---|--------|-------|--|--|--|--|--|
| | doors: | | | | | | | |
| 2.3.1.1 | Door 1 | | | | | | | |
| | Ground Floor | 1.00 | set | | | | | |
| 2.3.1.2 | Door 2 (Single Leaf) | | | | | | | |
| | Ground Floor | 5.00 | set | | | | | |
| 2.3.1.3 | Door 3 | | | | | | | |
| | Ground Floor | 1.00 | set | | | | | |
| 2.4 | <u>Cabinetry</u> | | | | | | | |
| 2.4.1 | Supply and installation of built in cabinetry for the ff.: | | | | | | | |
| 2.4.1.1 | Pantry (Ground Floor) | 1.00 | lot | | | | | |
| 2.5 | <u>Ceiling Works</u> | | | | | | | |
| 2.5.1 | Rehabilitation of existing ceiling finishes as may be affected by the new layout and design (CF1) | | | | | | | |
| | Ground Floor | 174.00 | set | | | | | |
| 2.5.2 | Supply and installation of dropped ceiling using moisture resistant gypsum board panels using metal furring on hanger rods (CF2) | | | | | | | |
| | Ground Floor | 30.00 | sq.m. | | | | | |
| 2.5.3 | Supply and installation of 600mm x 600mm acoustical ceiling tiles on metal tee runners (CF3) | | | | | | | |

| | | | | | | | | |
|--------------|--|--------|-------|--|--|--|--|--|
| | | | | | | | | |
| | Ground Floor | 50.00 | sq.m. | | | | | |
| | | | | | | | | |
| 2.6 | <u>Painting Works</u> | | | | | | | |
| | | | | | | | | |
| 2.6.1 | <u>Wall Works</u> | | | | | | | |
| | | | | | | | | |
| 2.6.1.1 | High gloss roller paint finish for all gypsum and plastered surfaces | 656.00 | sq.m. | | | | | |
| | | | | | | | | |
| 2.6.1.2 | Duco finish for specified doors | | | | | | | |
| | | | | | | | | |
| 2.6.1.2.1 | Single Doors | 6.00 | sets | | | | | |
| | | | | | | | | |
| 2.6.2 | <u>Ceiling Works</u> | | | | | | | |
| | | | | | | | | |
| 2.6.2.1 | Flat roller paint finish for all gypsum surfaces | 650.00 | sq.m. | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| 2.7 | <u>Glass Works</u> | | | | | | | |
| | | | | | | | | |
| 2.7.1 | Supply and installation of 1/2" thick clear tempered glass panels with frosted tint | | | | | | | |
| | | | | | | | | |
| | Ground Floor (w/ alum tubing overhead) | 57.00 | sq.m. | | | | | |
| | | | | | | | | |
| 2.7.2 | Supply and installation of 1/4" thick painted glass panels as whiteboard where specified | 40.00 | sq.m. | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| 2.7.3 | Supply and installation of the following glass doors: | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| 2.7.3.1 | Door 4 (Single Leaf) | | | | | | | |
| | | | | | | | | |
| | Ground Floor | 7.00 | sets | | | | | |
| | | | | | | | | |
| 2.7.4 | Relocation of following existing doors | | | | | | | |
| | | | | | | | | |

| | | | | | | | | |
|------------|---|------|-------|--|--|--|--|--|
| 2.7.4.1 | Double Leaf (Door 5) | | | | | | | |
| | | | | | | | | |
| | Ground Floor | 1.00 | sets | | | | | |
| | | | | | | | | |
| 2.5 | Supply and installation of 1/4" thick mirror on /12" thick marine plywood backing where specified | | | | | | | |
| | | | | | | | | |
| | Ground Floor (Common Washroom) | 8.00 | sq.m. | | | | | |
| | | | | | | | | |
| 2.8 | <u>Masonry Works</u> | | | | | | | |
| | | | | | | | | |
| 2.8.1 | Supply and installation of R.C. counter complete with granite countertop, splashboard and fascia | 5.50 | sq.m. | | | | | |
| | | | | | | | | |
| 2.9 | <u>Special Items</u> | | | | | | | |
| | | | | | | | | |
| 2.9.1 | Supply and installation of clear acrylic signage with sticker backing for the following: | | | | | | | |
| | | | | | | | | |
| | Ground Floor | 1.00 | lot | | | | | |
| | | | | | | | | |
| 2 | <u>Engineering Works</u> | | | | | | | |
| | | | | | | | | |
| 2.1 | <u>Electrical Works</u> | | | | | | | |
| | | | | | | | | |
| 2.1 | Supply and installation of all necessary electrical lines and devices including all roughing ins and accessories as required by the new layout and design | | | | | | | |
| | | | | | | | | |
| | Ground Floor | 1.00 | lot | | | | | |
| | | | | | | | | |
| 2.2 | Supply and installation of the following lighting fixtures | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

| | | | | | | | | |
|------------|--|-------|------|--|--|--|--|--|
| 2.2.1 | 9w LED lighting fixture (150mm square) | | | | | | | |
| | Ground Floor | 33.00 | sets | | | | | |
| 2.2.2 | 3-9w LED 600mm x 600mm Troffer with silver interlock diffuser and mirrorized parabolic reflector | | | | | | | |
| | Ground Floor | 44.00 | sets | | | | | |
| 2.2.3 | LED Emergency Light | 3.00 | sets | | | | | |
| 2.2.4 | LED Exit Light | 3.00 | sets | | | | | |
| 2.3 | <u>Mechanical Works</u> | | | | | | | |
| 2.3.1 | Relocation and rehabilitation where necessary of existing ducting and split type acu as required by the new layout and design | | | | | | | |
| | Ground Floor | 1.00 | lot | | | | | |
| 2.4 | <u>Sanitary/Plumbing Works</u> | | | | | | | |
| 2.4.1 | Supply and installation of all necessary plumbing and sanitary lines as required by the new layout and design (including waterproofing of new areas) | | | | | | | |
| | Ground Floor | 1.00 | lot | | | | | |
| 2.4.2 | Supply and installation of the following plumbing fixtures: | | | | | | | |
| 2.4.2.1 | Water Closet | 6.00 | set | | | | | |
| 2.4.2.2 | Under the Counter Lavatory | 6.00 | set | | | | | |
| 2.4.2.3 | Lavatory Faucet | 6.00 | set | | | | | |
| 2.4.2.4 | Pantry Sink | 1.00 | set | | | | | |

| | | | | | | | | |
|------------|--|------|-----|--|--|--|--|--|
| 2.4.2.5 | Pantry Faucet | 1.00 | set | | | | | |
| 2.4.2.6 | Urinal (Ground Floor) | 1.00 | set | | | | | |
| | | | | | | | | |
| 2.4.3 | Supply and installation of the following | | | | | | | |
| | toilet accessories: | | | | | | | |
| | | | | | | | | |
| 2.4.3.1 | Toilet Paper Holder | 6.00 | set | | | | | |
| 2.4.3.2 | Robe Hook | 6.00 | set | | | | | |
| | | | | | | | | |
| 2.5 | <u>General Requirements</u> | | | | | | | |
| | | | | | | | | |
| 2.5.1 | Permits | 1.00 | lot | | | | | |
| 2.5.2 | Insurances & Bonds | 1.00 | lot | | | | | |
| | | | | | | | | |
| | GRAND TOTAL | | | | | | | |
| | | | | | | | | |
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| | Prepared By: | | | | | | | |
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| | Person In Charge | | | | | | | |
| | Position | | | | | | | |

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|---|---|--------|-------|---------------|------------|-----------|------------|----------------|
| PROJECT : DTI OFFICE RENOVATION PROJECT (UPRC OFFICES & I&I BLDG.) | | | | | | | | |
| LOCATION : UPRC Bldg. 312 Buendia Ave, Makati & Industry and Investments Building, 385 Sen. Gil J. Puyat Ave, Makati, | | | | | | | | |
| SUBJECT : Scope Of Work/Bill Of Quantities | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | SCOPE OF WORK | QTY | UNIT | MATERIAL COST | LABOR COST | UNIT COST | TOTAL COST | SUBTOTAL |
| | | | | | | (MC + LC) | (QTY * UC) | (PER CATEGORY) |
| | <u>2ND & 3RD FLOOR COMMON WASHROOM</u> | | | | | | | |
| | <u>DIRECTOR'S T & B, ACCESS RAMP, WALL REPAIR</u> | | | | | | | |
| | | | | | | | | |
| | 1 <u>Dismantling & Demolition Works</u> | | | | | | | |
| | | | | | | | | |
| 1.1 | Dismantling of existing floor treatment to accommodate the new floor finish | 72.00 | sq.m. | | | | | |
| | | | | | | | | |
| 1.2 | Demolition of existing partitions as affected by the new layout and design | 158.00 | sq.m. | | | | | |
| | | | | | | | | |
| 1.3 | Dismantling of existing ceiling treatment to accommodate the new ceiling finish | 56.00 | sq.m. | | | | | |
| | | | | | | | | |
| | 2 <u>Interior Architectural Work</u> | | | | | | | |
| | | | | | | | | |
| | 2.1 <u>Floor Works</u> | | | | | | | |
| | | | | | | | | |
| 2.1.1 | Supply and installation of the following floor treatments | | | | | | | |
| | | | | | | | | |
| 2.1.1.1 | Matte homogenous tiles 600mm x 600mm complete with cement topping and waterproofing | 56.00 | sq.m. | | | | | |
| | | | | | | | | |
| 2.1.1.2 | Textured cement finish with heavy duty epoxy paint finish for all access ramps | 40.00 | sq.m. | | | | | |
| | | | | | | | | |
| | 2.2 <u>Wall Works</u> | | | | | | | |

| | | | | | | | | |
|--------------|---|--------|-------|--|--|--|--|--|
| | | | | | | | | |
| 2.2.1 | Supply and installation of matte homogenous tiles 600mm x 600mm | 158.00 | sq.m. | | | | | |
| | | | | | | | | |
| 2.2.2 | Supply and installation of prefab toilet partition (WF-5) | 8.00 | lot | | | | | |
| | | | | | | | | |
| 2.2.3 | Repair of damaged portions of existing wall caldding as required | 20.00 | sq.m. | | | | | |
| | | | | | | | | |
| 2.3 | <u>Wood Trims</u> | | | | | | | |
| | | | | | | | | |
| 2.3.1 | Supply and installation of the following doors: | | | | | | | |
| | | | | | | | | |
| 2.3.1.1 | Door 1A | 5.00 | set | | | | | |
| | | | | | | | | |
| 2.5 | <u>Ceiling Works</u> | | | | | | | |
| | | | | | | | | |
| 2.5.1 | Supply and installation of dropped ceiling using moisture resistant gypsum bard panels using metal furring on hanger rods (CF-3) | | | | | | | |
| | | | | | | | | |
| | Ground Floor | 56.00 | sq.m. | | | | | |
| | | | | | | | | |
| 2.6 | <u>Painting Works</u> | | | | | | | |
| | | | | | | | | |
| 2.6.1 | <u>Ceiling Works</u> | | | | | | | |
| | | | | | | | | |
| 2.6.1.1 | Flat roller paint finish for all gypsum surfaces | 56.00 | sq.m. | | | | | |
| | | | | | | | | |
| 2.7 | <u>Glass Works</u> | | | | | | | |
| | | | | | | | | |
| 2.7.1 | Supply and installation of 1/4" thick mirror on /12" thick marine plywood backing where specified | 12.00 | sq.m. | | | | | |
| | | | | | | | | |
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| | | | | | | | | |
|------------|--|-------|-------|--|--|--|--|--|
| 2.7.2 | Supply and installation of 1/2" thick clear tempered glass panel shower enclosure complete with all necessary hardware and accessories | 12.00 | lot | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| 2.8 | <u>Masonry Works</u> | | | | | | | |
| | | | | | | | | |
| 2.8.1 | Supply and installation of R.C. counter complete with granite countertop, splashboard and fascia | 6.50 | sq.m. | | | | | |
| | | | | | | | | |
| 2.9 | <u>Special Items</u> | | | | | | | |
| | | | | | | | | |
| 2.9.1 | Supply and installation of stainless steel handrail for all ramps | 30.00 | l.m. | | | | | |
| | | | | | | | | |
| 2 | <u>Engineering Works</u> | | | | | | | |
| | | | | | | | | |
| 2.1 | <u>Electrical Works</u> | | | | | | | |
| | | | | | | | | |
| 2.1 | Supply and installation of the following lighting fixtures | | | | | | | |
| | | | | | | | | |
| 2.1.1 | 9w LED lighting fixture (150mm square) | 22.00 | sets | | | | | |
| | | | | | | | | |
| 2.4 | <u>Sanitary/Plumbing Works</u> | | | | | | | |
| | | | | | | | | |
| 2.4.2 | Supply and installation of the following plumbing fixtures: | | | | | | | |
| | | | | | | | | |
| 2.4.2.1 | Water Closet | 9.00 | set | | | | | |
| 2.4.2.2 | Counter Type Lavatory (Deck Mounted) | 9.00 | set | | | | | |
| 2.4.2.3 | Lavatory Faucet | 9.00 | set | | | | | |
| 2.4.2.4 | Urinal | 4.00 | set | | | | | |
| 2.4.2.5 | Shower Assembly | 1.00 | set | | | | | |
| | | | | | | | | |
| 2.4.3 | Supply and installation of the following toilet accessories: | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

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|---------|-------------------------|------|-----|--|--|--|--|--|
| 2.4.3.1 | Toilet Paper Holder | 9.00 | set | | | | | |
| 2.4.3.2 | Robe Hook | 9.00 | set | | | | | |
| 2.4.3.3 | Towel Bar | 1.00 | set | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | GRAND TOTAL | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | Prepared By: | | | | | | | |
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| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | Person In Charge | | | | | | | |
| | Position | | | | | | | |