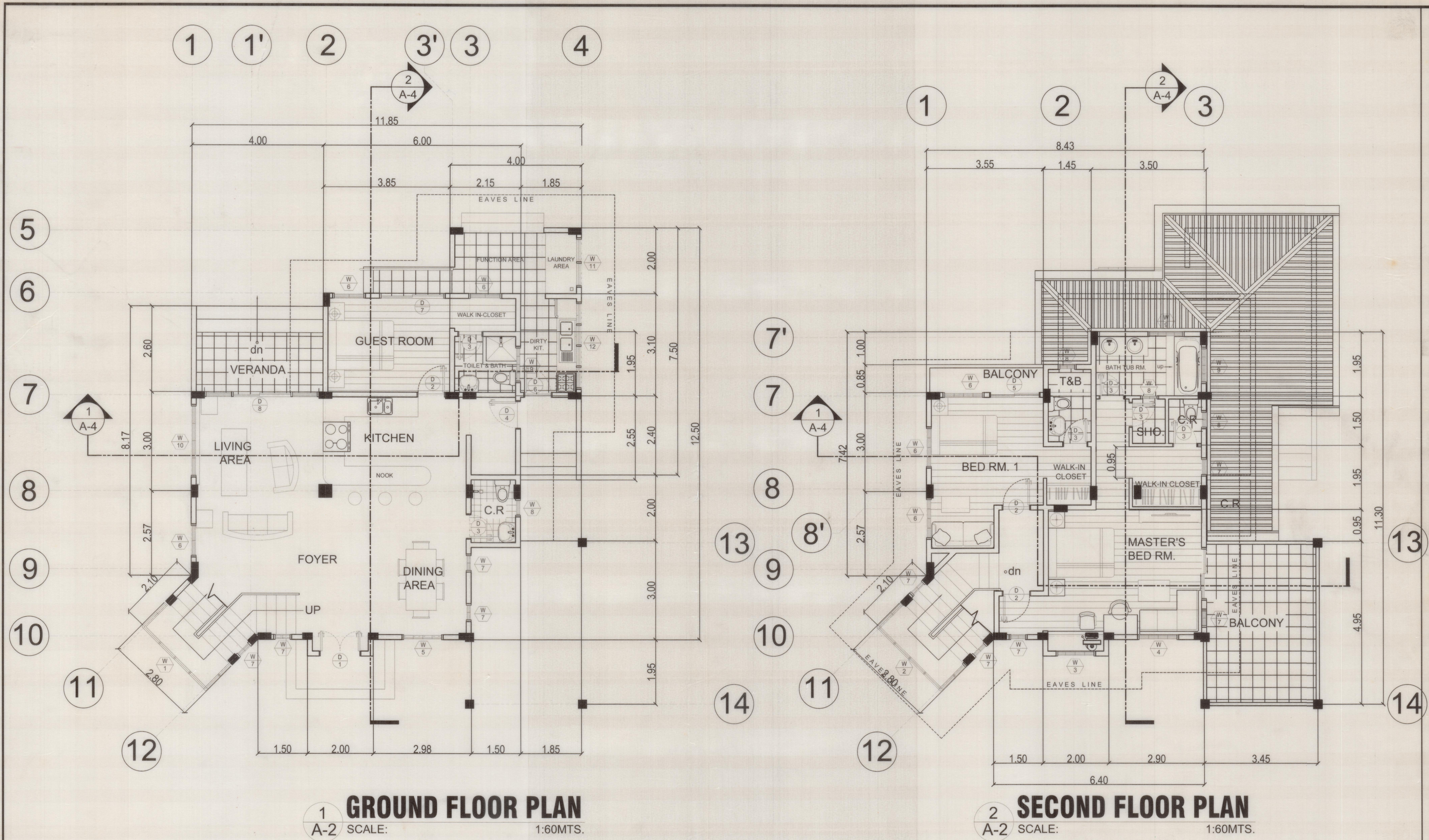
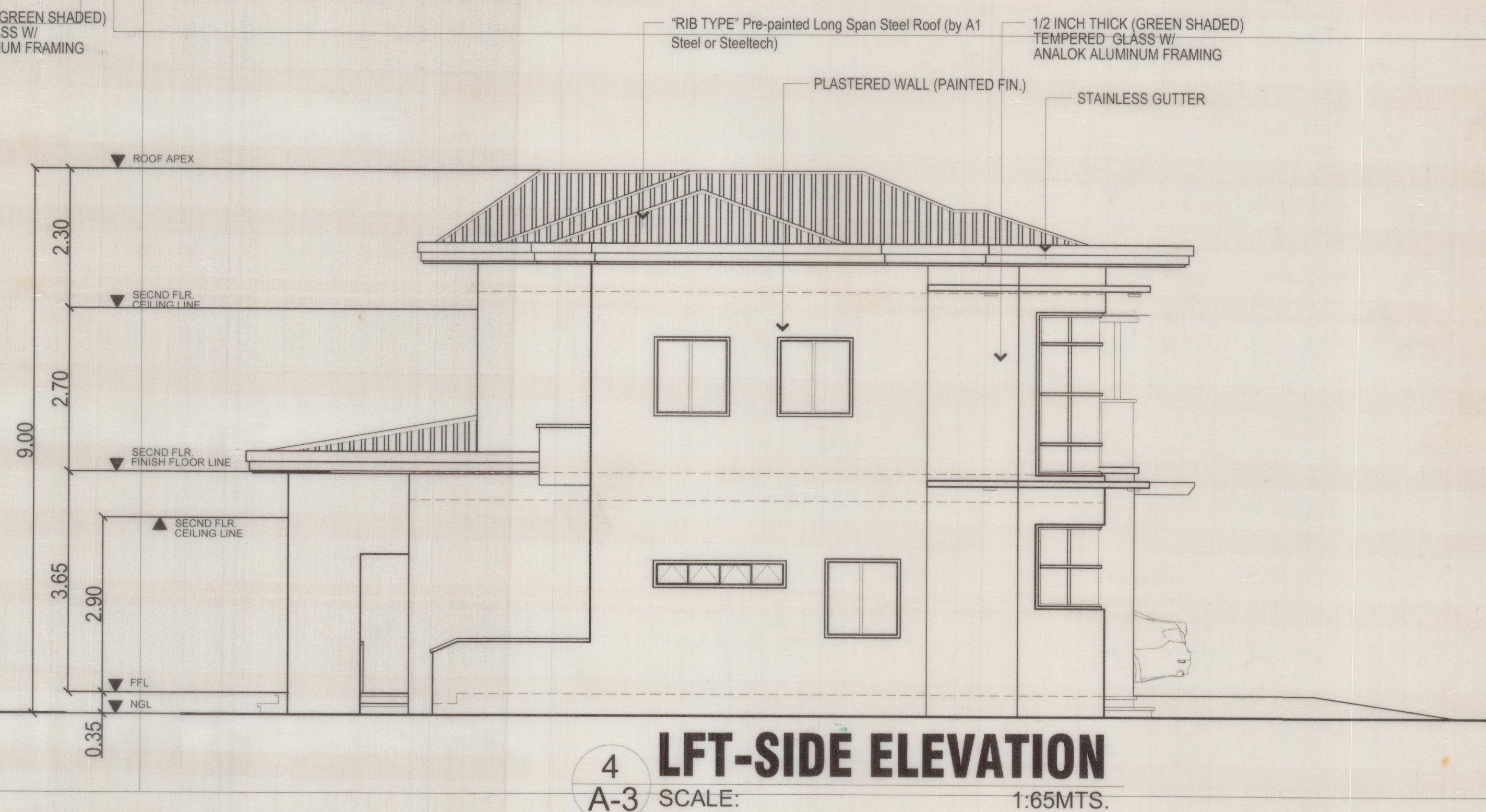
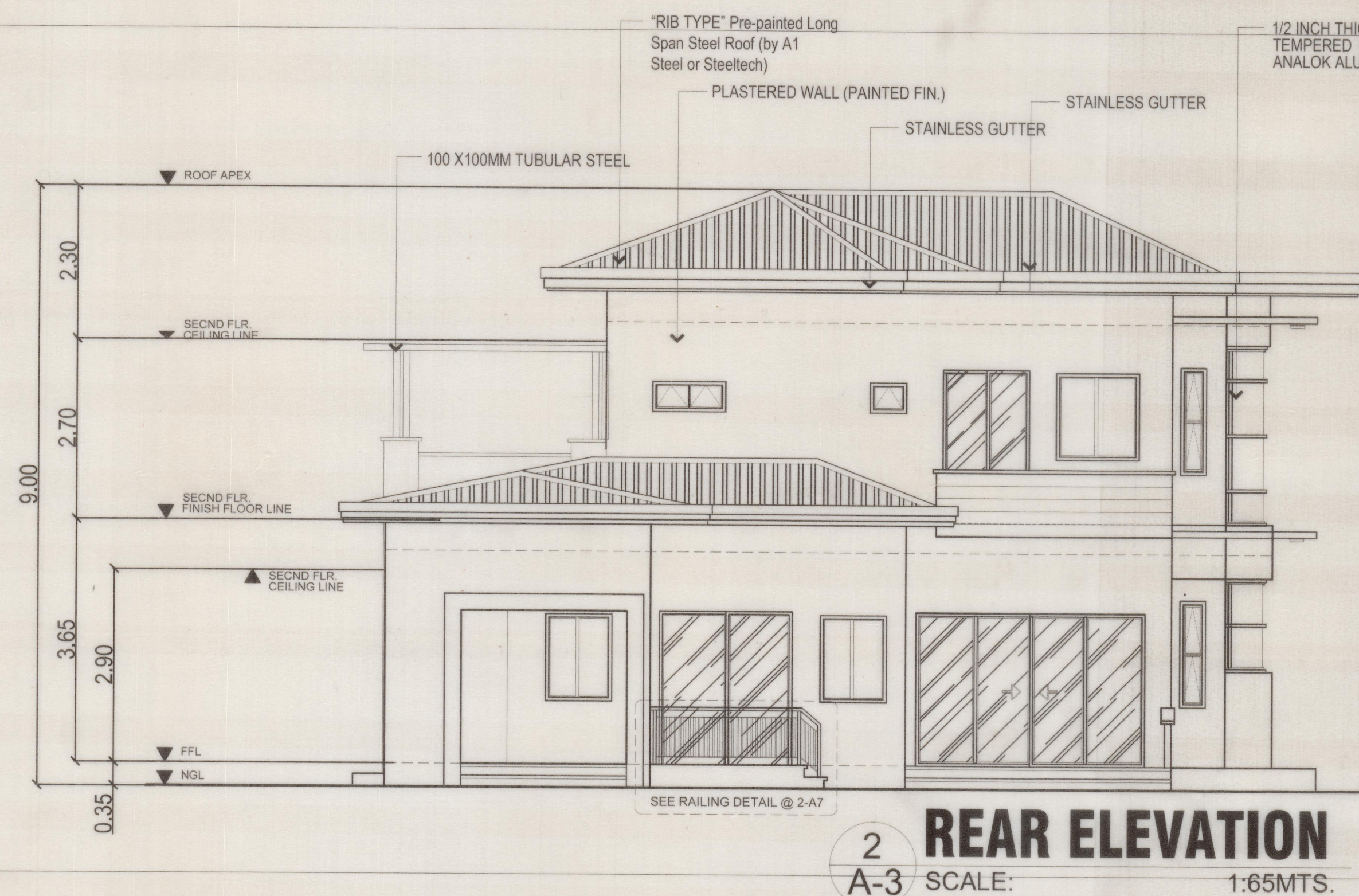
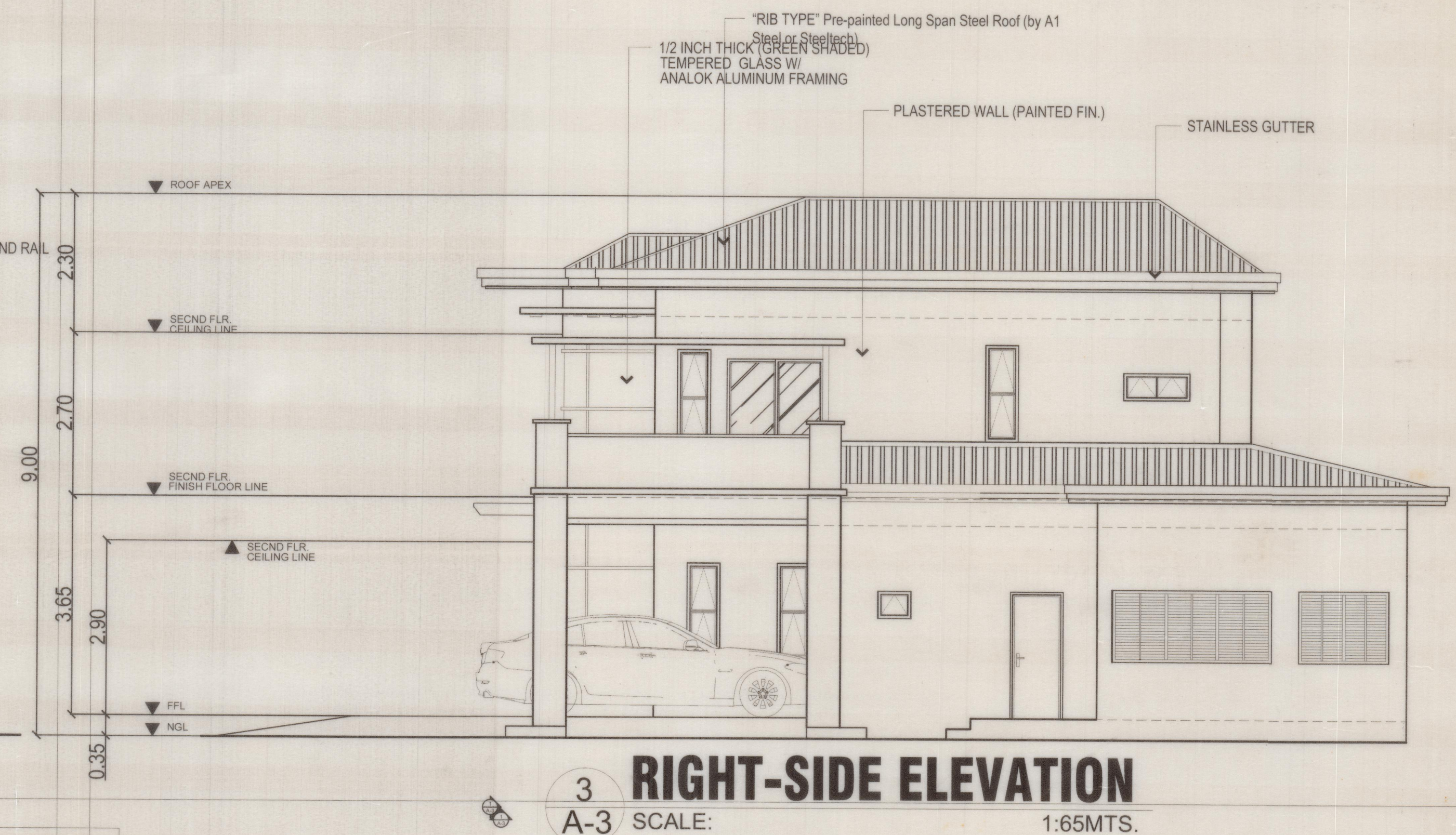
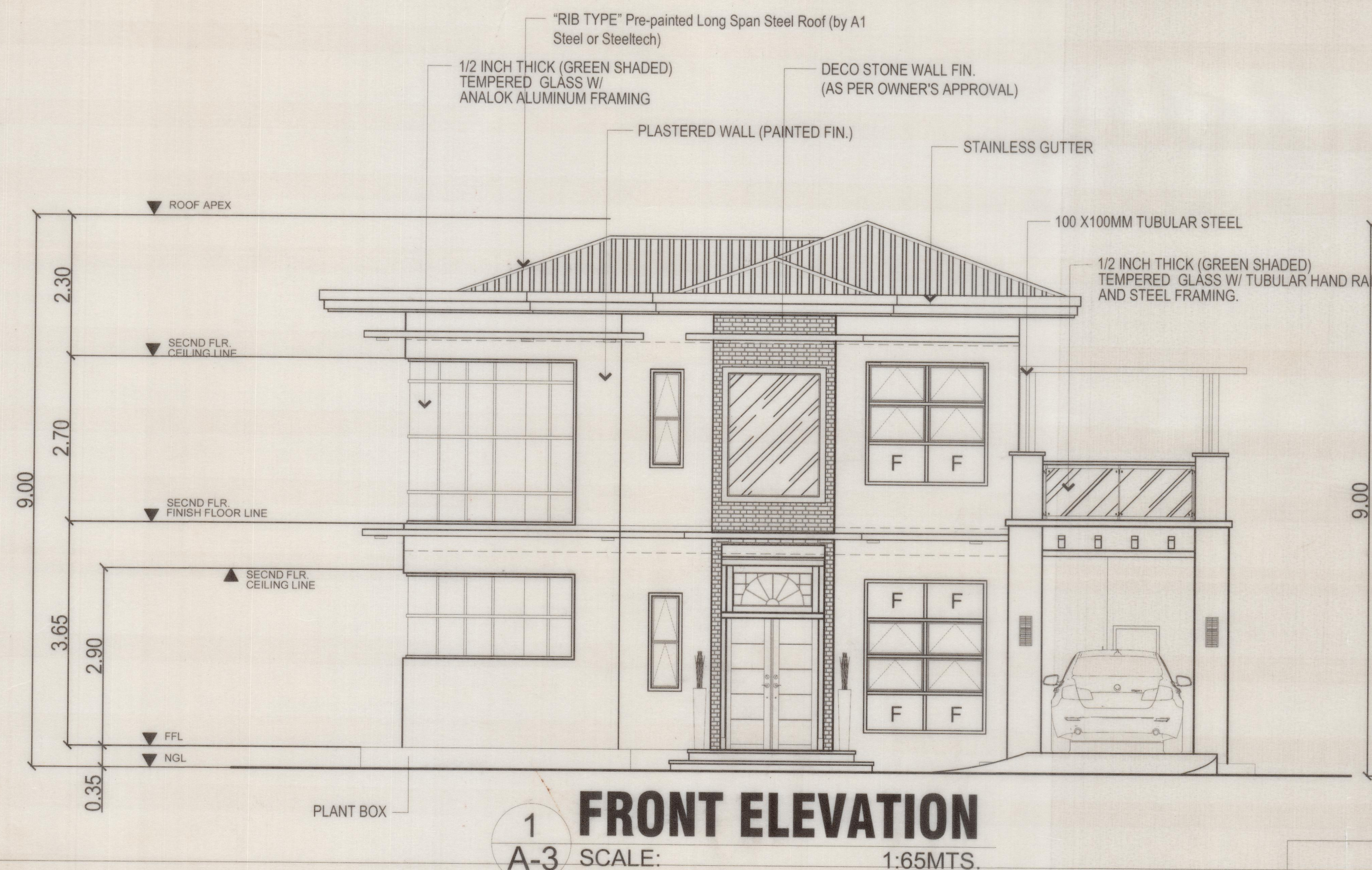


REVISIONS		REVISED BY		DATE		SHEET NO.	
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DESIGNER		EES	CADD BY		DCT	CHECKED BY	
						EES	
						DATE APRIL-2017	



ARCHITECT AR. DAHNIEL C. TING		PROJECT TITLE / LOCATION PROPOSED TWO STOREY RESIDENTIAL KHN Block 7 Lot 39, Camaya coast, Brgy. Biaan, Mariveles, Bataan		OWNER	REVISIONS		REVISED BY	DATE	SHEET NO.				
PTR NO. 0157786	PRC REG. NO. 37928	NOTE: THIS DRAWING, AS AN INSTRUMENT OF SERVICE, IS A PROPERTY OF THE ARCHITECT AND AS SUCH MUST NOT BE REPRODUCED OR COPIED IN PART OR IN WHOLE WITHOUT HIS CONSENT. ALL DRAWINGS ARE TO BE RETURNED WHEN NO LONGER IN USE.		SHEET CONTENTS GROUND FLOOR PLAN SECOND FLOOR PLAN	A				A-02				
ISSUED ON 1/25/2018	TIN 321-580-614				A								
ISSUED AT MALOLOS BULACAN					A								
						DESIGNER	EES	CADD BY	DCT	CHECKED BY	EES	DATE	DEC-2017



ARCHITECT	
AR. DAHNIEL C. TING	
PTR NO. 0157786	PRC REG. NO. 37928
ISSUED ON 1/25/2018	TIN 321-580-614
ISSUED AT MALOLOS BULACAN	

PROJECT TITLE / LOCATION
PROPOSED TWO STOREY RESIDENTIAL
KHN Block 7 Lot 39, Camaya coast, Brgy. Biaan, Mariveles, Bataan
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REPUBLIC ACT 545

OWNER
SHEET CONTENTS
GROUND FLOOR PLAN
SECOND FLOOR PLAN

REVISIONS	REVISED BY	DATE	SHEET NO.
1			
2			
3			
4			
DESIGNER	EES	CADD BY	DCT
CHECKED BY	EES	DATE	DEC-2017

A-03

GENERAL NOTES:

1. ALL PLUMBING WORKS SHALL BE EXECUTED IN ACCORDANCE TO THE PROVISION OF THE PHILIPPINES PLUMBING CODE AND THE NATIONAL BUILDING CODE NAND THE RULES AND REGULATIONS OF THE LOCAL AREA CONSTRUCTED THERETO.
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 EXECUTIONS OF OTHER TRADES SHALL BE WITH PRIOR APPROVAL OF THE ARCHITECT OR ENGINEER.
4. PROPOSED SANITARY UTILITIES SHALL CONFORM TO THE ACTUAL AREA AND LOCATION,DEPTH AND INVERT ELEVATION OF ALL EXISTING PIPES AND STRUCTURES VERIFIED BY THE CONTRACTOR.
5. ALL SLOPE FOR HORIZONTAL DRAINAGE SHALL MAINTAIN 2% MINIMUM UNLESS OTHERWISE SPECIFIED.
6. SIZES OF WATER SUPPLY PIPES TO FIXTURES SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTION.
7. THE CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES AT THE SITE AND COORDINATE THE WORKS. THE SEWER LINES UNLESS EFFLUENT DISPOSAL POINT AND WATER LINE SERVICE CONNECTING EACH POINT.
8. ALL PIPE SIZE ARE IN MILLIMETERS AND ALL DIMENSIONS AS WELL UNLESS OTHERWISE SPECIFIED.

LEGEND:

ABBREVIATION DESCRIPTION

LAVLAVATORY

WCWATER CLOSET

KS KITCHEN SINK

FD FLOOR DRAIN

GV GATE VALVE

F FAUCET

VSTR VENT STACK THRU ROOF

SP SOIL PIPE

CO CLEAN OUT

FIXTURES

WATER CLOSET

LAVATORY

FLOOR DRAIN

SANITARY

SOIL PIPE

VENT PIPE

VENT STACK

CLEAN OUT

P-TRAP

WATERLINE

COLD WATER LIN

GATE VALVE

WATER METER

PROPERTY LINE

1

GROUND FLOOR SANITARY LAYOUT

P-1 SCALE: 1:75MTS.

2

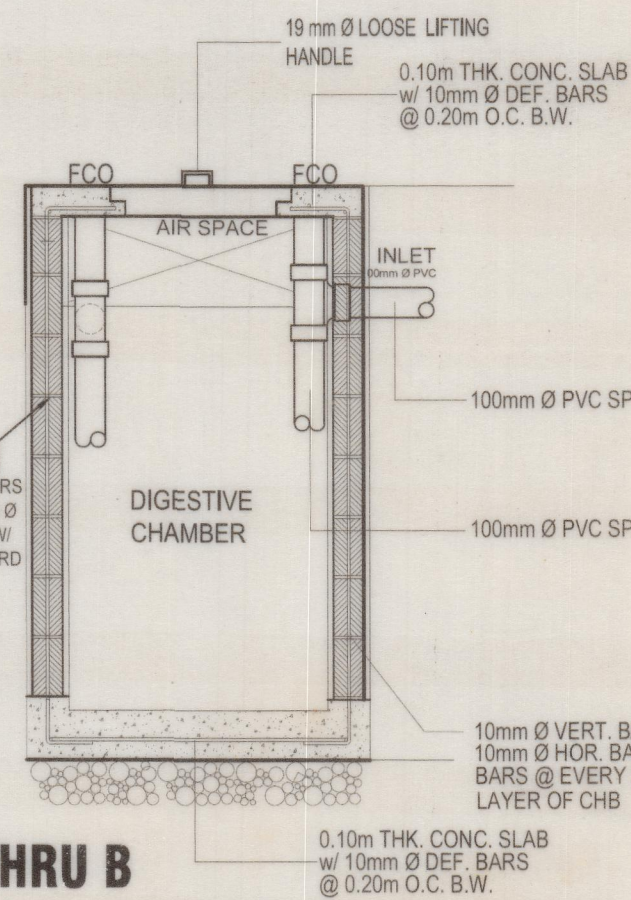
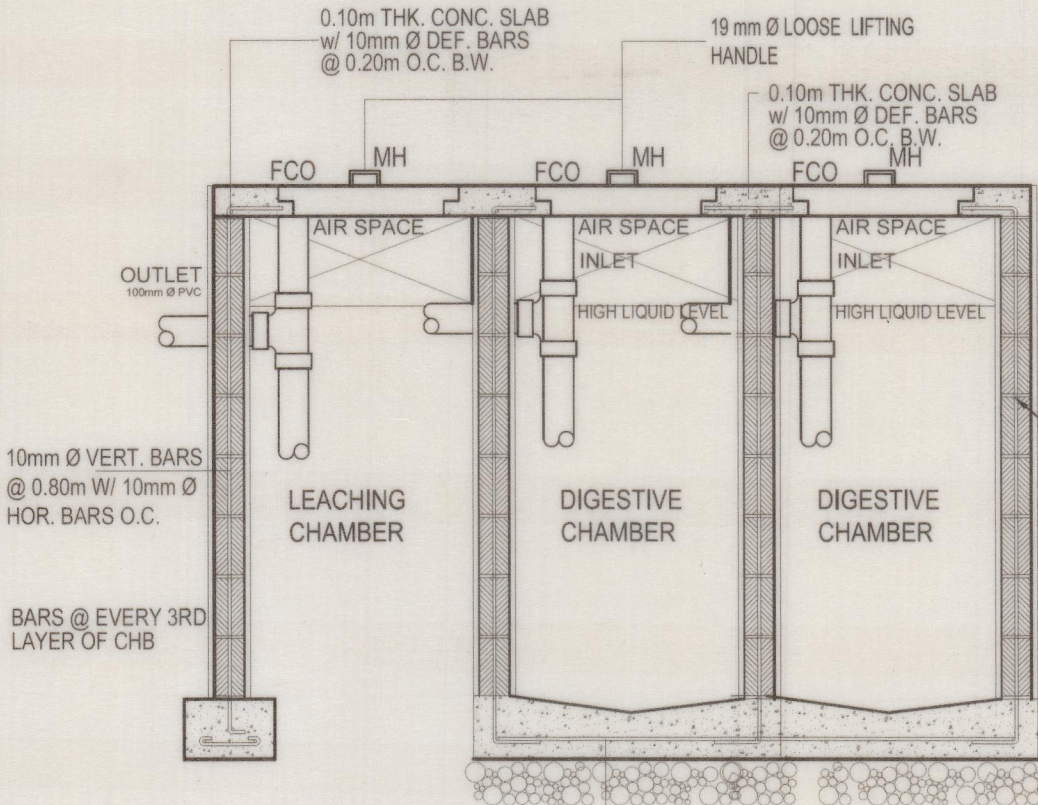
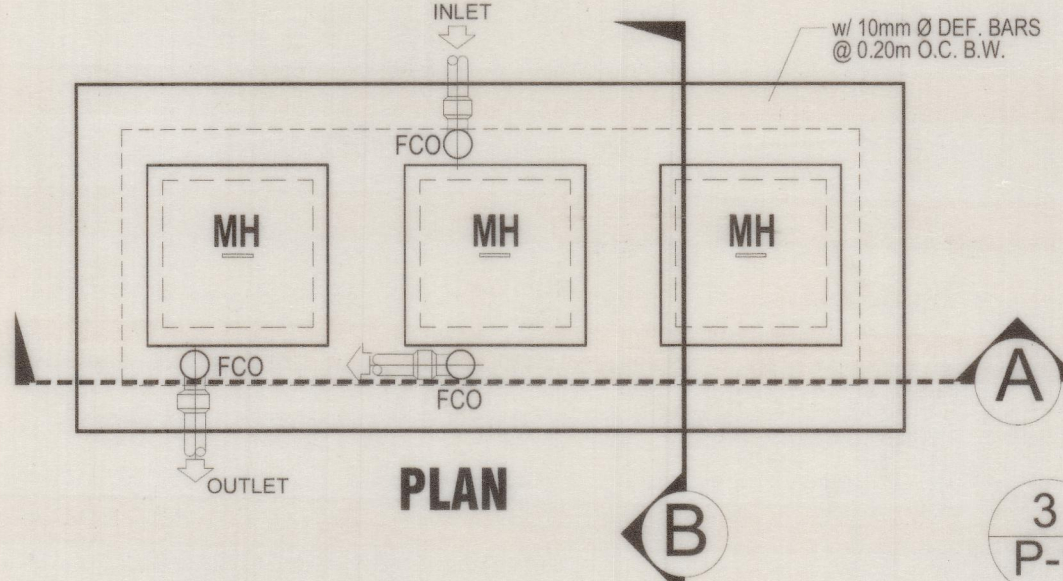
SECOND FLOOR SANITARY LAYOUT

P-1 SCALE: 1:75MTS.

3

SEPTIC TANK DETAIL

P-1 SCALE: 1:25MTS.

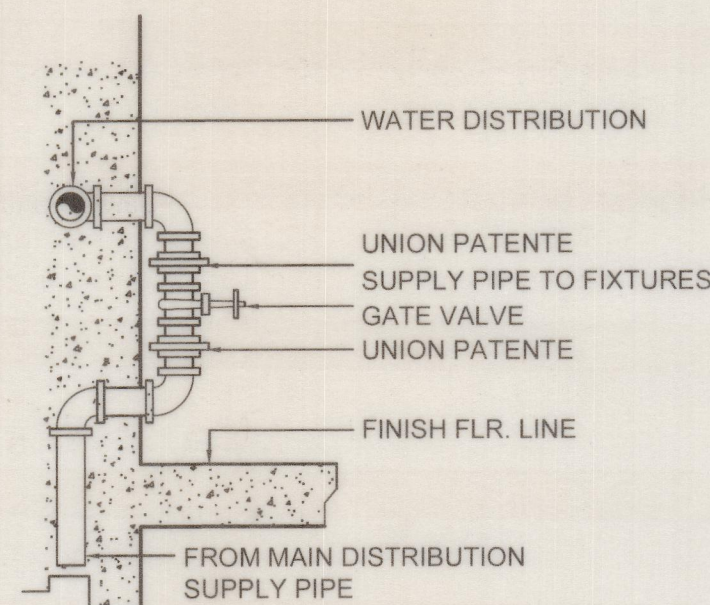


MASTER PLUMBER	
ENG. CHARLENE MAY NIETO RIVERA	
PTR NO. 0005615	PRC REG. NO. 9489
ISSUED ON 1/04/2018	TIN 325-255-291
ISSUED AT MALOLOS BULACAN	

PROJECT TITLE / LOCATION	
PROPOSED TWO STOREY RESIDENTIAL	
KHN Block 7 Lot 39, Camaya coast, Brgy. Biaan, Mariveles, Bataan	
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REPUBLIC ACT 545	

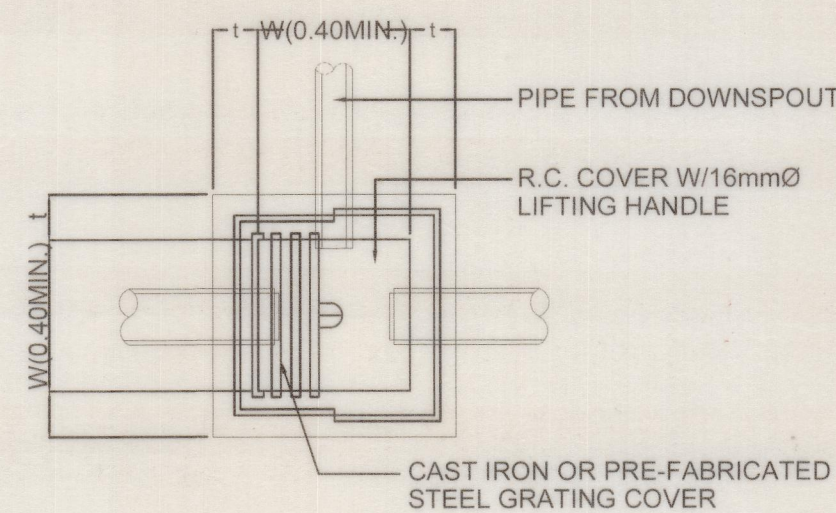
OWNER	
SHEET CONTENTS	
GENERAL NOTES	
LEGEND	
GRND FLR. SANITARY LAYOUT	
SECND FLR. SANITARY LAYOUT	
SEPTIC TANK DETAIL	

REVISIONS				REVISED BY	DATE	SHEET NO.
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DESIGNER	EES	CADD BY	DCT	CHECKED BY	EES	DATE APRIL-2017

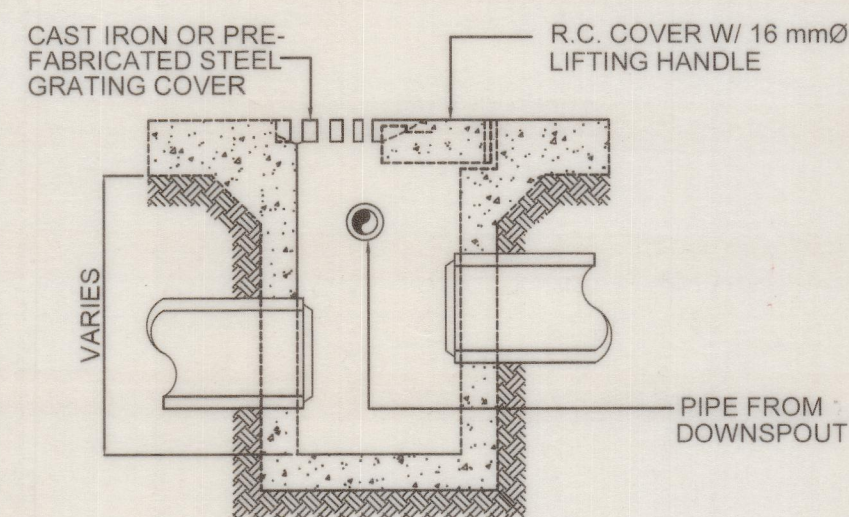


(AS PER ARCHITECT'S APPROVAL)

INSTALLATION DETAIL OF
CONTROL VALVE TO FIXTURE



PLAN



SECTION

DETAIL OF CLOSED CONCRETE OR STEEL
GRATING COVERED CATCH BASIN-AD/CB

LEGEND:

ABBREVIATION DESCRIPTION

LAV	LAVATORY
WC	WATER CLOSET
KS	KITCHEN SINK
FD	FLOOR DRAIN
GV	GATE VALVE
F	FAUCET
VSTR	VENT STACK THRU ROOF
SP	SOIL PIPE
CO	CLEAN OUT

FIXTURES



WATER CLOSET
LAVATORY
FLOOR DRAIN

SANITARY



SOIL PIPE
VENT PIPE
VENT STACK
CLEAN OUT
P-TRAP

WATERLINE



COLD WATER LIN



GATE VALVE

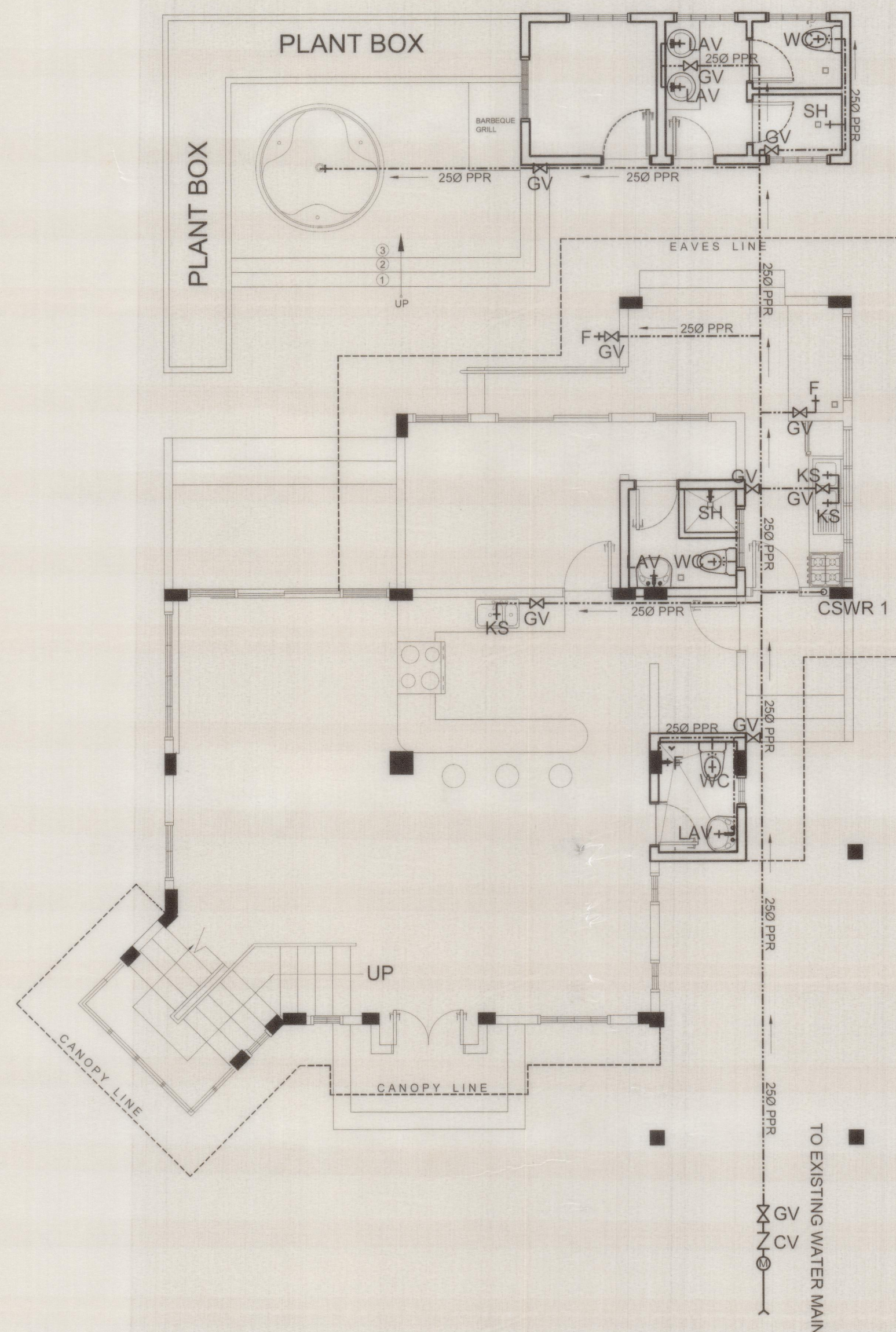


WATER METER

PROPERTY LINE

PROPERTY LINE

PROPERTY LINE

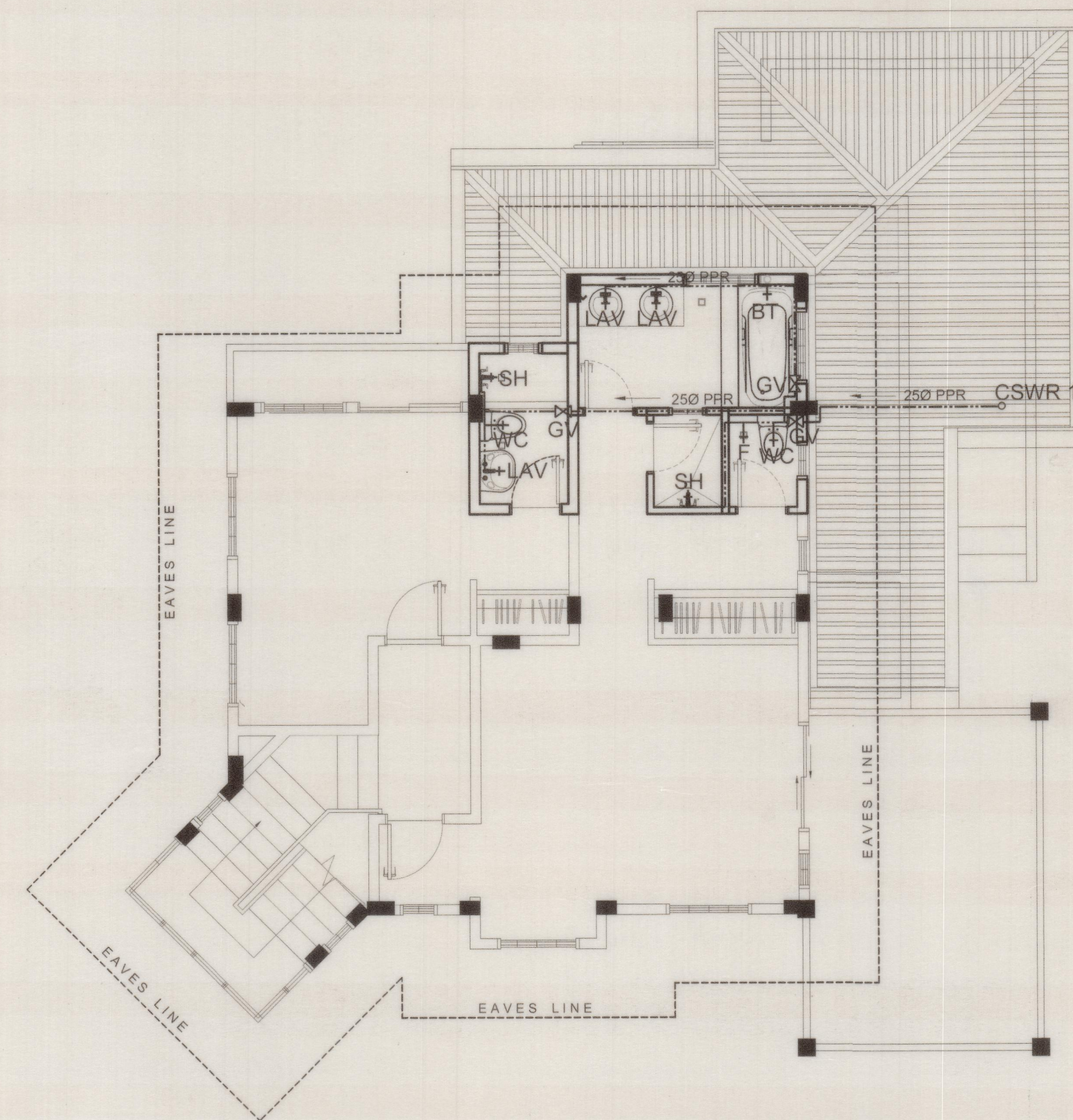


1 **GROUND FLOOR WATERLINE LAYOUT**

P-2

SCALE:

1:75MTS.



2
P-2

SECOND FLOOR WATERLINE LAYOUT

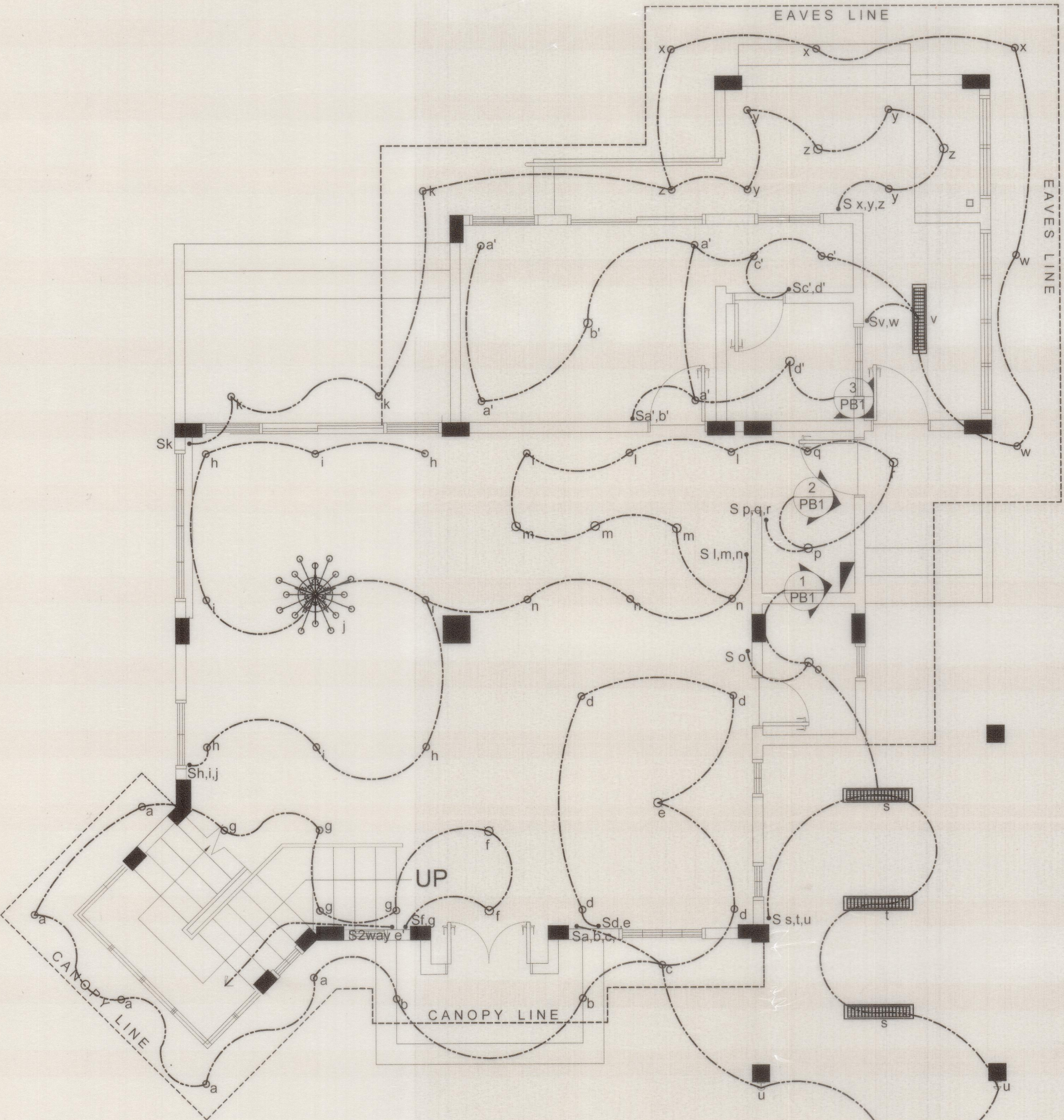
SCALE:

1:75MTS.

MASTER PLUMBER ENG. CHARLENE MAY NIETO RIVERA		PROJECT TITLE / LOCATION PROPOSED TWO STOREY RESIDENTIAL KHN Block 7 Lot 39, Camaya coast, Brgy. Biaan, Mariveles, Bataan		OWNER		REVISIONS		REVISED BY	DATE	SHEET NO.
PTR NO. 0005615	PRC REG. NO. 9489	NOTE: THIS DRAWING, AS AN INSTRUMENT OF SERVICE, IS A PROPERTY OF THE ARCHITECT AND AS SUCH MUST NOT BE REPRODUCED OR COPIED IN PART OR IN WHOLE WITHOUT HIS CONSENT. ALL DRAWINGS ARE TO BE RETURNED WHEN NO LONGER IN USE.		SHEET CONTENTS CATCH BASIN DETAIL LEGEND GRND FLR. WATERLINE LAYOUT		DESIGNER		EES	CADD BY	DCT
ISSUED ON 1/04/2018	TIN 325-255-291					CHECKED BY		EES	DATE	APRIL-2017
ISSUED AT MALOLO BULACAN										

General Notes / Specification:

1. All electrical works / installation shall be done in accordance with the provisions of the latest edition of the Philippine Electrical Code (PEC). The rules and regulation and requirements of the local power and the laws and ordinance of the local enforcing authority.
2. The type of power service to be supplied shall be 230VAC, 3-phase, 4-wire, 60hz Service Entrance / Feeder wire.
3. All materials to be used shall be new and of the approved type for the purposed intended.
4. Unless otherwise specified the minimum size of wire and conduit shall be 3.5 mm sq. THHN and 15mm dia. Upvc respectively. Wire Insulation are good for600Volts
5. Conduit runs shall be embedded in concrete structure or concealed in the ceiling of the building whenever possible . All pvc conduits shall be schedule 40.
6. All conduit runs to panel board have been indicated merely as starting from the nearest outlet and pointing in the general direction of the panel board.
7. Exposed conduit shall be supported by one - hole malleable iron straps, suitable beam clamps, or split - ring conduit hanger with support rod.
8. Wires for lighth and power shall be soft drawn copper type " THHN"600 volts insulation and approved type building wire
9. Insulation resistance to ground of branch circuit conductors shall be maintained above One(1) Mega Ohms with all fixtures installed and all switches closed.
10. Provide grounding wires to all Duplex C.O , Aircon outlets and motor loads. Ground wires where pvc conduit is used shall be color coded (green and continues thru - out the system).
11. Convenience outlets shall be duplex type; flush mounted with fire resistance non- absorptive bases, 10 amperes rating and for window type air conditioning unit shall be 3 - wire,1-Phase , 20 amperes, 250 volts. (Minimum)
12. All distribution feeders and service entrance shall be copper wire THHN rated at 90 degrees Celsius and shall be in rigid steel conduit / IMC or equivalent, sizes as shown on the plans and riser diagram.
13. Panel board shall be dead - front, safety type, equipped with molded case circuit breaker, MCCB as main, thermally protected and shall be the type as listed in the load schedule.
14. Panel board bus assembly shall be enclosed in a steel cabinet and in accordance with U-L / NEMA standards.
15. Inside the door of each panel board, a typewritten directory w/c will indicate the location of equipment or outlet supplied by each circuit shall be provided.
16. All wall switches shall be flush mounted, TAP action, quitematic interchangeable line type, with plate and cover and rated 10 A , 250 volts.
17. All works shall be executed under the direct supervisions of a duly licensed electrical engineer.
18. Fluorescent lighting fixtures shall be provided with aluminum reflector and louver / industrial type. But LED Tube/Lamp
19. Whenever necessary, pull box, wires gutter, splice and termination box, etc, shall be provided, even if not indicated in the plans.
20. All wires shall be color coded
Line A - BLACK Ground Wire - GREEN
Line B - RED
Line C - BLUE



1

E-1

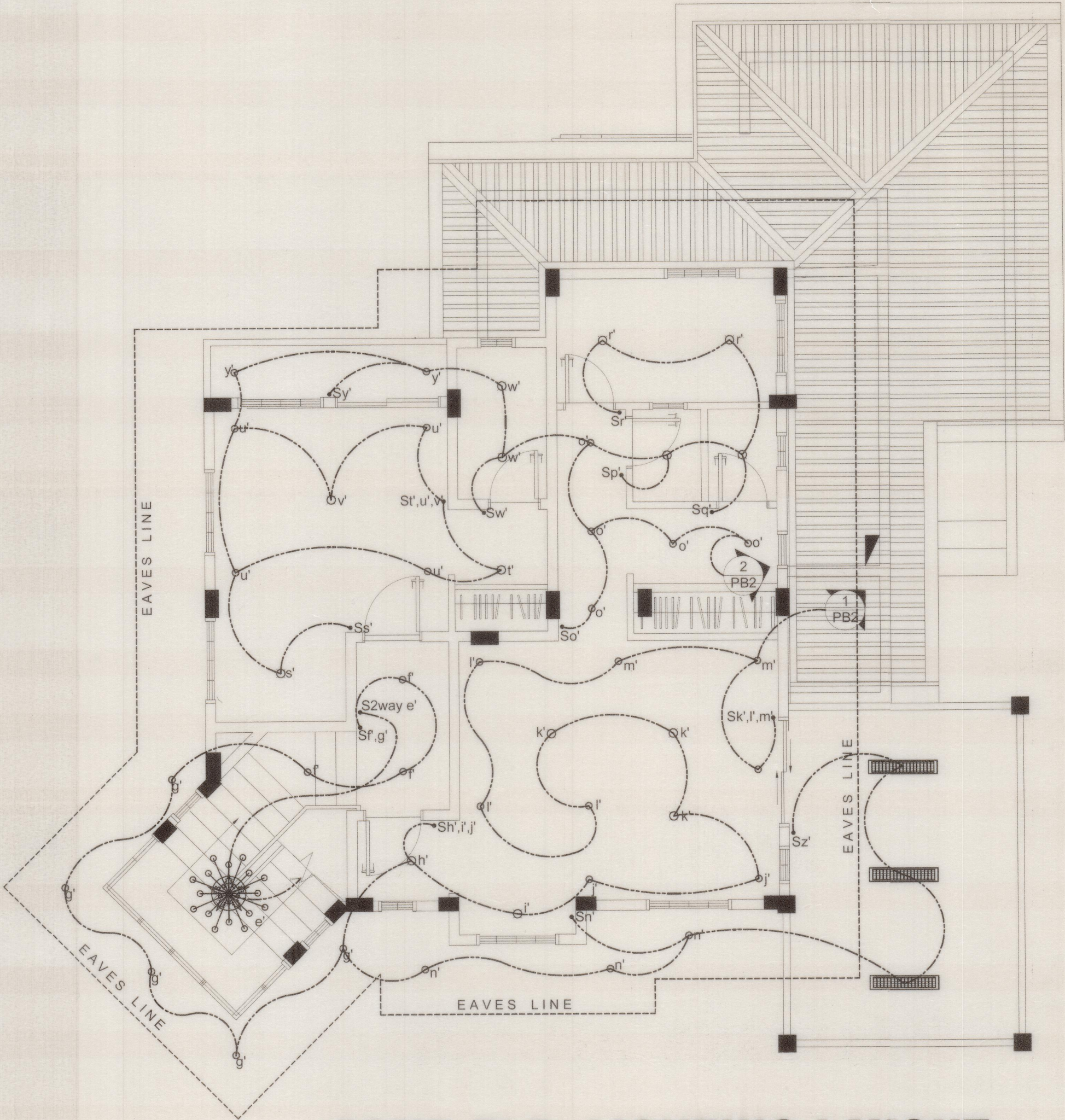
GRND FLR. LIGHTING LAYOUT

SCALE:

1:60MTS.

LEGEND:

SYMBOL	DESCRIPTION	MOUNTING H.T (RECESSED / SURFACE)
	RECEPTACLE LAMP W/ 6W. LED LIGHT	CEILING
	PINLIGHT W/ 12W. LED BULB	CEILING
	DUPLEX CONVENIENCE OITLET W/ GROUNDING	0.30M ABOVE FG.L
	WALL SWITCHES (a.b.c.d.e.f)	WALL / COLUMN (1.40M FROM FG.L)
	LIGHTING PANEL BOARD	WALL MOUNTED
	POWER PANEL BOARD	WALL MOUNTED
	AIR-CONDITIONING UNIT	WALL MOUNTED
	FLUORESCENT LIGHT W/ LOUVER	CEILING MOUNTED
	POWER LINE IN CONDUIT LIGHTING	
	CIRCUIT HOMERUN	



2

E-1

SCND FLR. LIGHTING LAYOUT

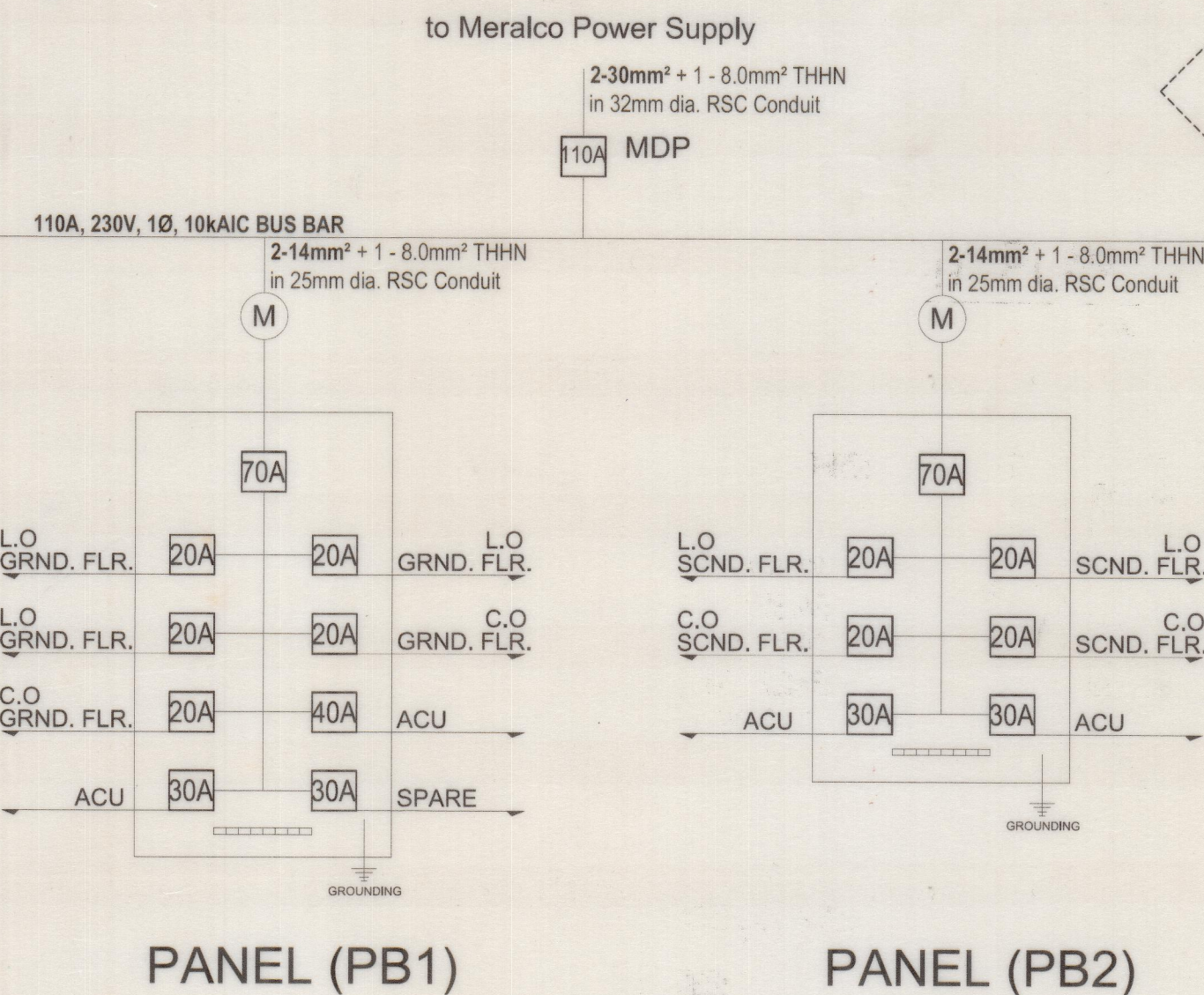
SCALE:

1:60MTS.

ENGINEER DEOGRACIAS C. PASCUAL PROF. ELECT. ENGINEER		PROJECT TITLE / LOCATION PROPOSED TWO STOREY RESIDENTIAL KHN Block 7 Lot 39, Camaya coast, Brgy. Biaan, Mariveles, Bataan	OWNER	REVISIONS		REVISED BY	DATE	SHEET NO.				
PTR NO.			SHEET CONTENTS GENERAL NOTES LEGEND GRND FLR. LIGHTING LAYOUT					E-01				
ISSUED ON												
ISSUED AT MALOLOS BULACAN												
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		REPUBLIC ACT 545										

LEGEND:

SYMBOL	DESCRIPTION	MOUNTING H.T.
	RECEPTACLE LAMP W/ 6W. LED LIGHT	CEILING
	PINLIGHT W/ 12W. LED BULB	CEILING
	DUPLEX CONVENIENCE OUTLET W/ GROUNDING	0.30M ABOVE FG.L
	WALL SWITCHES (a,b,c,d,e,f)	WALL / COLUMN (1.40M FROM FG.L)
	LIGHTING PANEL BOARD	WALL MOUNTED
	POWER PANEL BOARD	WALL MOUNTED
	AIR-CONDITIONING UNIT	WALL MOUNTED
	FLUORESCENT LIGHT W/ LOUVER	CEILING MOUNTED
	POWER LINE IN CONDUIT LIGHTING	
	CIRCUIT HOMERUN	



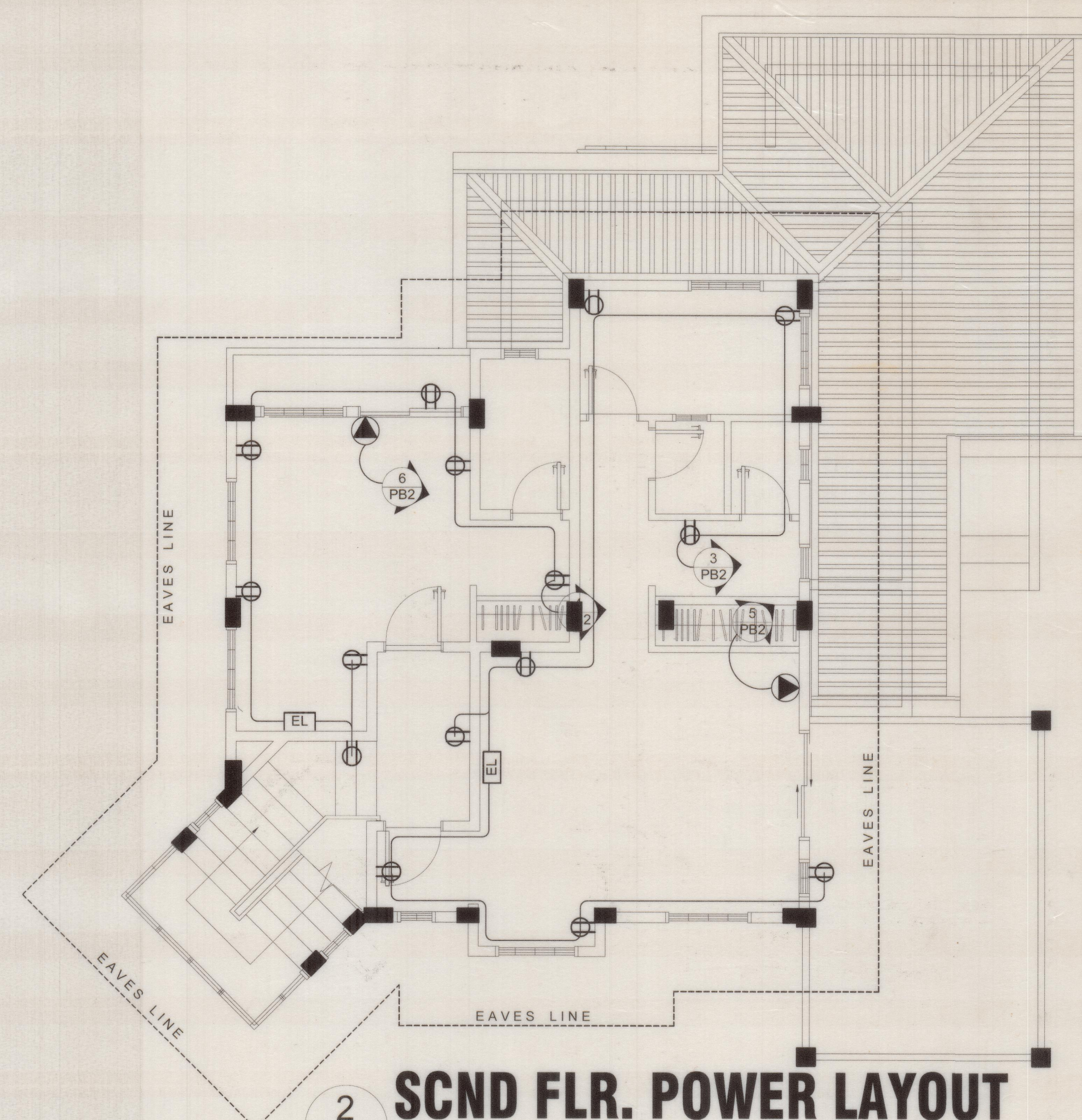
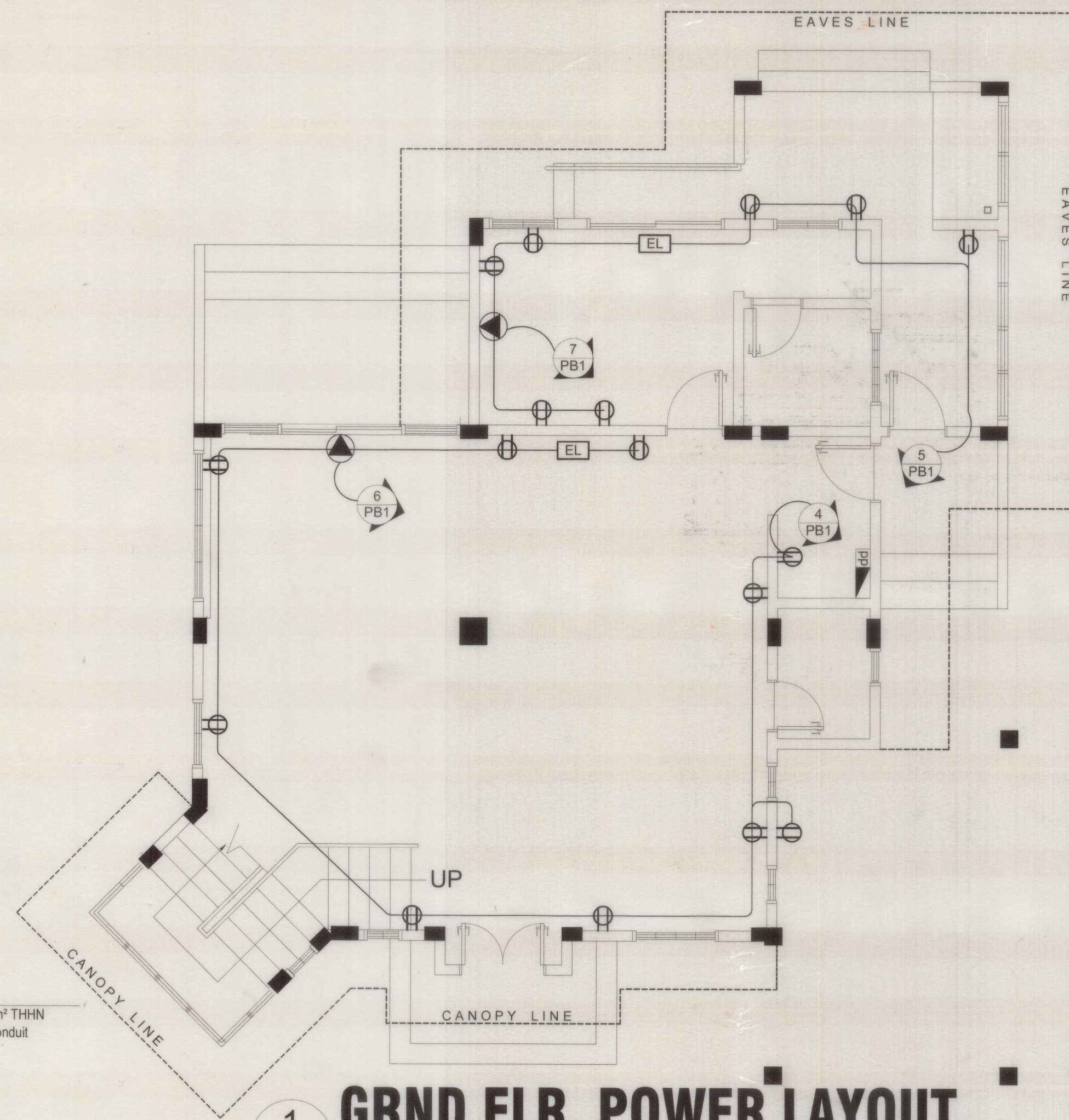
1 ONE LINE DIAGRAM & PANEL BOARD DETAILS

E-2 NOT TO SCALE

Summary of Loads (MDP): PB1 + PB2
It = [96.7x 80% D.F. + 25% (15.2)] = 81.16 Amperes

Size of Main Breaker: Use 110AT/225AF, 2P, 230V, 10kAIC MAIN MOLDED CASE CIRCUIT BREAKER/ MCCB, NEMA- 3R enclosure, Powder coated.

Size of Service Entrance Wire: use : 2 - 30mm² + 1 - 8.0mm² THHN / 110 A. Capacity in a 32mm dia. RSC Conduit



SCHEDULE OF LOADS

CIRCUIT No.	LOAD DESCRIPTION	QUANTITY			V.A	VOLT	LOAD CURRENT / PHASE	BREAKER RATING			SIZE OF WIRES & CONDUITS	
		LO	CO	OTHER's				AT	P	AF	(mm ²) THHN	mm dia. Pvc/Rsc
A Grnd Floor/ UNIT 1 PB1												
1	LIGHTING OUTLET	25			1250	230	5.44	20	2	50	3.5 mm ²	15 mm dia.
2	LIGHTING OUTLET	21			1050	230	4.56	20	2	50	3.5 mm ²	15 mm dia.
3	LIGHTING OUTLET	24			1200	230	5.21	20	2	50	3.5 mm ²	15 mm dia.
4	DUPLEX C.O		10+EL		1850	230	8.04	20	2	50	3.5 + 1-3.5mm ²	15 mm dia.
5	DUPLEX C.O		7+EL		1310	230	5.70	20	2	50	3.5 + 1-3.5mm ²	15 mm dia.
6	AIRCON OUTLET, 3TON			1	3496	230	15.2	40	2	50	5.5 + 1-5.5mm ²	15 mm dia.
7	AIRCON OUTLET, 1 HP			1	1840	230	8.00	30	2	50	3.5 + 1-3.5mm ²	15 mm dia.
8	SPARE							30	2	50		
A SUB-TOTAL		70	17+EL	2	11,996	230	52.16	70	2	100	14 + 1-8.0mm ²	25 mm dia.
B Second Floor/ UNIT 2 PB2												
1	LIGHTING OUTLET	28			1400	230	6.08	20	2	50	3.5 mm ²	15 mm dia.
2	LIGHTING OUTLET	18			900	230	3.48	20	2	50	3.5 mm ²	15 mm dia.
3	DUPLEX C.O		8+EL		1490	230	6.48	20	2	50	3.5 + 1-3.5mm ²	15 mm dia.
4	DUPLEX C.O		7+EL		1310	230	5.70	20	2	50	3.5 + 1-3.5mm ²	15 mm dia.
5	AIRCON OUTLET, 1.5 HP			1	2300	230	10.0	30	2	50	3.5 + 1-3.5mm ²	15 mm dia.
6	AIRCON OUTLET, 1 HP			1	1840	230	8.00	30	2	50	3.5 + 1-3.5mm ²	15 mm dia.
B SUB-TOTAL		46	15+EL	2	10,246	230	44.55	70	2	100	14 + 1-8.0mm ²	25 mm dia.
TOTAL		116	32+EL	4	22,242	230	96.70	70	2	100	14 + 1-8.0mm ²	25 mm dia.

ENGINEER
DEOGRACIAS C. PASCUAL
PROF. ELECT. ENGINEER

PTR NO.
ISSUED ON
ISSUED AT MALOLOS BULACAN

PROJECT TITLE / LOCATION
PROPOSED TWO STOREY RESIDENTIAL
KHN Block 7 Lot 39, Camaya coast, Brgy. Biaan, Mariveles, Bataan

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OWNER

SHEET CONTENTS
LEGEND
GRND FLR. POWER LAYOUT
ONE LINE DIAGRAM& PANEL BOARD DETAILS

REVISIONS
REVISED BY
DATE
SHEET NO.
E-01
DESIGNER
EES
CADD BY
DCT
CHECKED BY
EES
DATE
APRIL-2017

CONSTRUCTION NOTES

A. GENERAL

- UNLESS INDICATED OTHERWISE, ALL DIMENSIONS, DISTANCES AND SIZES ARE IN MM.
- INDICATED DIMENSIONS SHALL GOVERN OVER SCALED DIMENSIONS. SCALED DIMENSIONS SHALL BE USED FOR CONSTRUCTION PURPOSES.
- CONSTRUCTION NOTES AND TYPICAL DETAILS SHALL APPLY TO ALL DRAWINGS WHENEVER APPLICABLE UNLESS OTHERWISE SHOWN OR NOTED. MODIFY TYPICAL DETAILS AS DIRECTED TO MEET SPECIAL CONDITION.
- SHOP DRAWINGS WITH ERECTION AND PLACING DIAGRAMS OF ALL STRUCTURAL STEELS, MISCELLANEOUS IRON, PRE-CAST CONCRETE ETC., SHALL BE SUBMITTED FOR ENGINEER'S APPROVAL BEFORE FABRICATION.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS BEFORE ALL WORK IS TO BEGIN. CHECK WITH MECHANICAL AND ELECTRICAL CONTRACTORS FOR CONDUITS PIPE SLEEVES, ETC., TO BE EMBEDDED IN CONCRETE.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ADEQUATE SHORING AND BRACING OF THE STRUCTURE FOR ALL LOADS THAT MAY BE IMPOSED DURING CONSTRUCTION.
- ALL STRUCTURAL WORKS SHALL BE EXECUTED IN ACCORDANCE WITH THE NATIONAL STRUCTURAL CODE OF THE PHILIPPINES VOL. 1 (NSCP).
- ANY DISCREPANCY RELATED TO SITE, DRAWINGS, CONTRADICTIONS, OR LACK OF INFORMATION SHALL BE CLARIFIED WITH HANDEER ENGINEERING GROUP PRIOR TO COMMENCEMENT OF CONSTRUCTION, FABRICATION, OR INSTALLATION. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR FAILURE TO DO SO.

B. CONCRETE & REINFORCEMENT

- ALL MATERIALS AND WORKMANSHIP SHALL CONFORM WITH THE LATEST BUILDING CODE OF AMERICAN CONCRETE INSTITUTE (ACI-318) & NATIONAL STRUCTURAL CODE OF THE PHILIPPINES VOL. 1 (NSCP).
- ALL CONCRETE SHALL DEVELOP A MINIMUM COMPRESSIVE STRENGTH AT THE END OF TWENTY EIGHT (28) DAYS W/ CORRESPONDING MAXIMUM SIZE AGGREGATE & SLUMPS AS FOLLOWS.

LOCATION	28 DAYS STRENGTH	MAX. SIZE AGGREGATE
FOOTING	3000 psi	1 in (25mm)
FOOTING TIE BEAM	3000 psi	3/4 in (19mm)
COLUMN, BEAM, SLAB	3000 psi	3/4 in (19mm)
WALL	3000 psi	3/4 in (19mm)
OTHERS	3000 psi	3/4 in (19mm)
- ALL REINFORCING BARS SHALL CONFORM TO ASTM A615 GRADE 40 FOR DIAMETER 16mm & SMALLER BARS AND GRADE 60 FOR DIAMETER 20mm AND LARGER BARS.
- IN GENERAL THE LATEST EDITION OF ACI-315, MANUAL OF STANDARD PRACTICE DETAILING REINFORCED CONCRETE STRUCTURES SHALL BE ADHERED TO UNLESS OTHERWISE SHOWN OR NOTED.
- MAINTAIN MINIMUM CONCRETE COVER FOR REINFORCING STEEL AS FOLLOWS.

LOCATION	COVER
SUSPENDED SLABS	3/4 in (19 mm)
SLAB ON GRADE	1 1/2 in (38 mm)
WALLS ABOVE GRADE	1 in (25 mm)
BEAM STIRRUPS AND COLUMN TIES	1 1/2 in (38 mm)
WHERE CONCRETE IS EXPOSED TO EARTH BUT POURED AGAINST FORMS	2 in (50 mm)
WHERE CONCRETE IS DEPOSITED DIRECTLY AGAINST EARTH	3 in (75 mm)
- SPLICES SHALL BE SECURELY WIRED TOGETHER & SHALL LAP OR EXTEND IN ACCORDANCE W/ TABLE OF LAP SPICE & ANCHORAGE LENGTH UNLESS OTHERWISE SHOWN ON DRAWINGS. SPLICES SHALL BE STAGGERED WHENEVER POSSIBLE.
- ALL ANCHOR BOLTS, DOWELS, AND OTHER INSERTS, SHALL BE PROPERLY POSITIONED & SECURED IN PLACE PRIOR TO PLACING OF CONCRETE.
- CONTRACTOR SHALL NOTE AND PROVIDE ALL MISCELLANEOUS CURBS, SILLS, STOOLS, EQUIPMENT AND MECHANICAL BASES THAT ARE REQUIRED BY THE ARCHITECTURAL, ELECTRICAL, AND MECHANICAL DRAWINGS.
- ALL CONCRETE SHALL BE KEPT MOIST FOR A MINIMUM OF SEVEN CONSECUTIVE DAYS IMMEDIATELY AFTER POURING BY THE USE OF WET BURLAP FOG SPRAYING, CURING COMPOUNDS OR OTHER APPROVED METHODS.
- STRIPPING OF FORMS AND SHORES:

LOCATION	TIME
FOUNDATION	24 HOURS
WALLS, COLUMNS, SIDES OF BEAMS AND GIRDERS, AND SLABS ON GRADE	24 HOURS
SUSPENDED SLABS EXCEPT WHEN ADDITIONAL LOADS ARE IMPOSED	8 DAYS
BEAM AND GIRDERS	14 DAYS

C. CAMBER REQUIREMENTS

- UNLESS OTHERWISE NOTED ON THE PLANS OR SPECIFICATIONS CAMBER ALL BEAMS AT LEAST 10mm FOR EVERY 4000mm OF CLEAR SPAN EXCEPT CANTILEVERS WHICH SHALL BE 50mm FOR EVERY 3000mm OF CLEAR SPAN.
- UNLESS OTHERWISE NOTED ON THE PLANS OR SPECIFICATIONS, CAMBER ALL RC SLABS 8mm FOR EVERY 3000mm OF SHORTER SPAN AND 14mm FOR EVERY 2000mm OF CANTILEVER SPAN.

D. MASONRY AND CONCRETE BLOCKS

- ALL NON-LOAD BEARING TYPE CONCRETE BLOCKS SHALL HAVE A UNIT WEIGHT NOT TO EXCEED 80 PCF. FOR LOAD BEARING TYPE, TYPE CONCRETE BLOCKS, A MINIMUM COMPRESSIVE STRENGTH OF 6.90 MPA SHALL BE DEVELOPED.
- PROVIDE 1-#16 EXTRA VERTICAL BARS AT CORNERS, INTERSECTIONS, END OF WALLS, AND EACH SIDE OF OPENINGS AS SHOWN.
- LINTEL BEAMS SHALL BEAR AT LEAST 8 INCHES (200 MM) ON EACH SIDE OF MASONRY WALL OPENING.
- REINFORCING BARS SHALL BE LAPPED A MINIMUM OF 30 BAR DIAMETER WHERE SPLICE DOWELS FROM FOOTING OR SLABS SHALL EXTEND INTO THE BLOCK WALL A MINIMUM OF 30 BAR DIAMETER, AND DOWELS TO MATCH.
- ALL CELLS CONTAINING REINFORCING BARS OR INSERTS SHALL BE SOLIDLY FILLED WITH CONCRETE GROUT.
- WALL REINFORCEMENTS SHALL BE AS FOLLOWS.

WALL THICKNESS	VERTICAL REINFORCEMENT	HORIZONTAL REINFORCEMENT
8 in (200 mm)	#12 @ 400 OC	#10 @ 600 OC
6 in (150 mm)	#10 @ 400 OC	#10 @ 600 OC
4 in (100 mm)	#10 @ 400 OC	#10 @ 600 OC

E. FOUNDATION

- IN THE ABSENCE OF SOIL REPORT, FOUNDATION WAS DESIGNED USING AN ASSUMED ALLOWABLE SOIL BEARING CAPACITY OF 2500 psf (120 kPa). IT IS THE CONTRACTOR'S RESPONSIBILITY TO VALIDATE THE ACTUAL SBC ON SITE.
- FOUNDATION SHALL REST ON NATURAL SOIL UNLESS OTHERWISE NOTED BY THE ENGINEER, NO PART OF THE FOUNDATION SHALL REST ON FILL.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER AFTER FOOTING EXCAVATION HAVE BEEN COMPLETED AND PRIOR TO CONCRETING TO CONFIRM THE DESIGN SOIL BEARING CAPACITY.
- THE CONTRACTOR SHALL PROVIDE FOR DESIGN AND INSTALLATION OF ALL CRIBBING, SHEATHING, AND SHORING NECESSARY TO SAFELY RETAIN EXCAVATION AND EARTH BANKS.
- ALL ON-SITE WORKS SHALL BE AS PER THE RECOMMENDATION OF THE PROJECT SOIL ENGINEER.
- PILING, IF ANY, SHALL BE CONDUCTED WITH MINIMUM DISTURBANCE TO ADJACENT PROPERTIES.

F. STRUCTURAL STEEL

- UNLESS OTHERWISE INDICATED IN THE PLANS, STRUCTURAL STEEL AND PLATES SHALL CONFORM TO ASTM-A36. CERTIFIED MILL TEST SHALL BE SUBMITTED BY THE FABRICATOR.
- SUBMIT SHOP DRAWINGS FOR APPROVAL BY STRUCTURAL ENGINEER PRIOR TO FABRICATION.
- SHOP DRAWINGS SHALL INCLUDE COMPLETE INFORMATION FOR THE FABRICATION AND ERECTION OF THE STRUCTURE'S COMPONENTS, INCLUDING THE LOCATION, TYPE, AND SIZE OF BOLTS, WELDS, MEMBER SIZES AND LENGTHS, CONNECTION DETAILS, BLOCKS, COPES AND CUTS.
- ALL CONNECTIONS, SPLICES, SIZES OR THICKNESS OF STRUCTURAL STEEL COMPONENTS SUCH AS BASE PLATES, CLEATS, STIFFENERS, ETC., SHALL COMPLY WITH DETAILS SHOWN ON DRAWINGS.
- THE STEEL FRAMES OR TRUSSES SHALL BE CARRIED TRUE AND PLUMB WITHIN THE LIMITS DEFINED UNDER THE AWS CODE OF PRACTICE. TEMPORARY BRACING SHALL BE PROVIDED WHEREVER NECESSARY TO TAKE OF ALL THE CONSTRUCTION LOADS TO WHICH THE STRUCTURE MAY BE SUBJECTED. SUCH BRACING SHALL BE LEFT IN PLACE AS LONG AS MAY BE REQUIRED FOR SAFETY.
- WELDING ELECTRODES AND FLUXES SHALL CONFORM WITH THE AWS SPECIFICATIONS. MANUFACTURER'S CERTIFICATION SHALL CONSTITUTE SUFFICIENT EVIDENCE OF CONFORMITY WITH THE SPECIFICATIONS. E60 OR E70 ELECTRODES SHALL BE USED UNLESS OTHERWISE SPECIFIED BY THE STRUCTURAL ENGINEER.
- THE FABRICATOR SHALL HAVE THE WELDS TESTED BY ANY INDEPENDENT COMPANY ENGAGED IN NON-DESTRUCTIVE TESTING. THE WELDS SHALL BE ACCEPTED AND ARE CONSIDERED SATISFACTORY IF 9 OUT OF 10 SAMPLES PASSED THE REQUIREMENTS. OTHERWISE, THE WELDS SHALL NOT BE CONSIDERED.
- POSITIONING, ALIGNMENT, AND PLUMBNESS: NO PERMANENT BOLTING OR WELDING SHALL BE PERMITTED UNTIL AS MUCH OF THE STRUCTURE ARE STIFFENED AND ALIGNED. CAMBER AS SPECIFIED IN THE DRAWINGS SHALL BE PROVIDED ON ALL CANTILEVER BEAMS.
- ALL DIMENSIONS IN THE PLANS SHALL BE VERIFIED BY THE STEEL FABRICATOR IN THE FIELD IN COORDINATION WITH THE GENERAL CONTRACTOR.
- UNLESS OTHERWISE SPECIFIED IN THE PLANS, GUSSET PLATES AND STIFFENERS SHALL BE 6mm THK (MIN).
- ALL SPLICES SHALL BE STAGGERED. NO SPLICE SHALL BE PERMITTED AT POINTS WHERE CRITICAL STRESSES OCCUR. SPLICE PLATES SHALL HAVE MINIMUM LENGTH OF 300mm.
- ALL BEARING PLATES SHALL HAVE A MINIMUM THICKNESS OF 10mm.
- ALL ERECTION BOLT HOLES SHALL BE 3mm PLUS NOMINAL BOLT DIAMETER.
- ALL CUTTING SHALL BE NEAT CUT.
- SURFACE PREPARATION: DEPENDING ON THE CONDITION OF STEEL, BRUSH OFF OR SANDBLAST AWAY ALL FORMS OF RUST. APPLY RUST CONVERTER IF SO DIRECTED BY THE CONSTRUCTION MANAGER.
- SHOP PAINTING: ALL STEEL WORKS SHALL BE COATED WITH EPOXY PRIMER OR ANY APPROVED EQUIVALENT BRAND, 2 COATS, PRIOR TO THE DELIVERY TO SITE. LABEL ALL BEAMS WITH 100mm HIGHER LABELS.
- FIELD PAINTING: CLEAN ALL FIELD WELDS AND APPLY 2 COATS OF EPOXY PRIMER OR ANY APPROVED EQUIVALENT BRAND WITH DIFFERENT COLOR. THEN, AFTER ERECTION, APPLY FINISH COAT OF EPOXY WITH DIFFERENT SHADE OF COLOR.

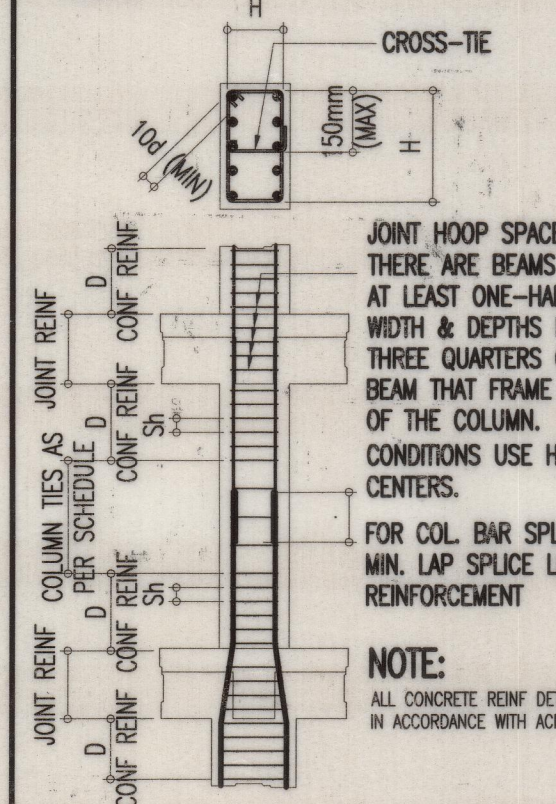
PROFESSIONAL LIABILITY NOTE:

THE STRUCTURAL DESIGN WAS BASED ON THE ASSUMPTION THAT THE CONTRACTOR WILL STRICTLY FOLLOW ALL THE DETAILS, SPECIFICATIONS, AND REQUIREMENTS PROVIDED HEREIN.

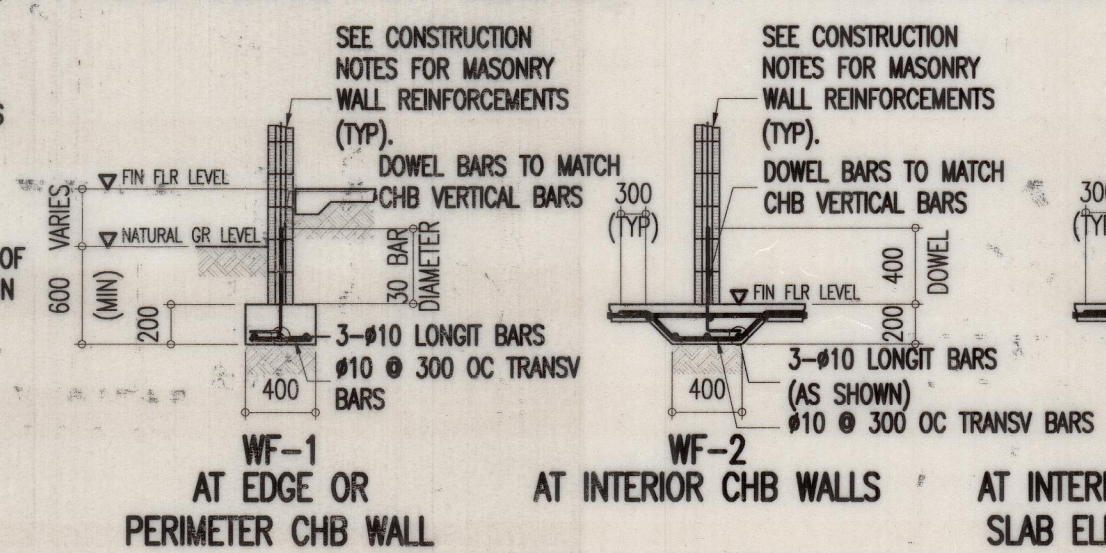
ANY DEVIATION OR MISINTERPRETATION FOUND DURING CONSTRUCTION AND ON THE ACTUAL CONSTRUCTED STRUCTURE FROM THESE PLANS AND SPECIFICATIONS SHALL MEAN AUTOMATIC TERMINATION OF PROFESSIONAL RESPONSIBILITY AND LIABILITY OF THE SIGNING ENGINEER AND THE COMPANY.

NOTES:

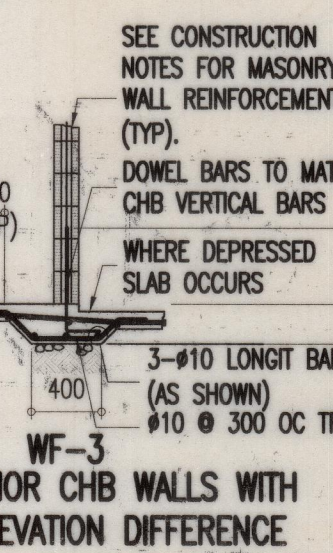
- YIELD STRESS OF HOOPS $f_y=40ksi$ (275 MPa) SHALL BE ALLOWED WITHIN THIS ZONE, TYP.
- D = USE MAXIMUM COLUMN DIMENSION, 1/6 CLEAR HEIGHT, 450mm WHICHEVER IS GREATER.
- NUMBER OF HOOP TIES SAME AS PER COLUMN TIES SCHEDULE.
- ALL CONCRETE REINFORCEMENT DETAIL SHOULD BE DONE IN ACCORDANCE WITH ACI DETAILING MANUAL.



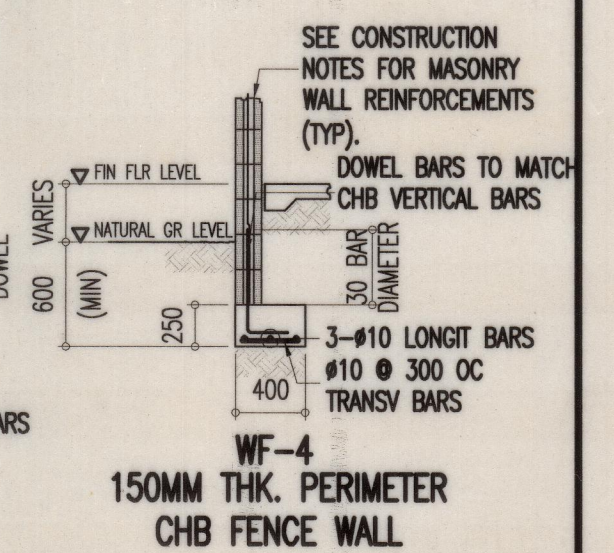
TYPICAL DETAIL FOR SLEEVES THRU CONCRETE BEAM



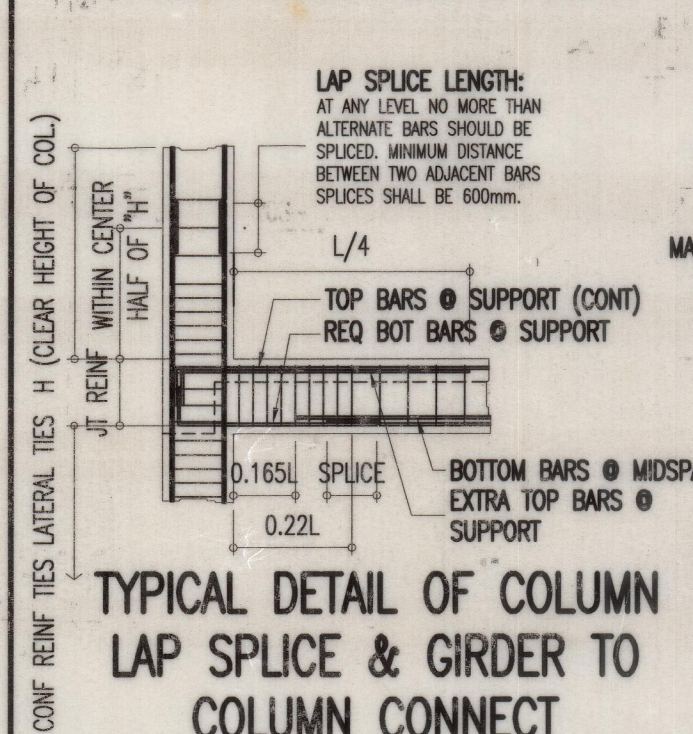
TYPICAL CORNER SLAB DETAIL



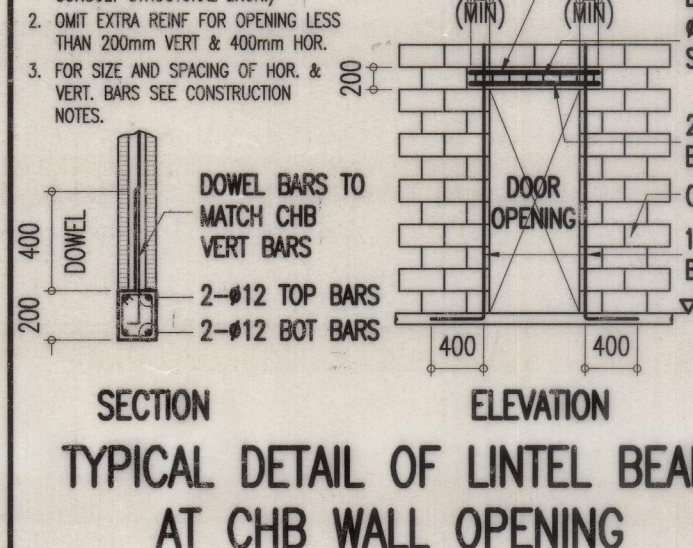
TYPICAL DETAIL FOR BEAM OR SLAB CHANGE SOFFIT



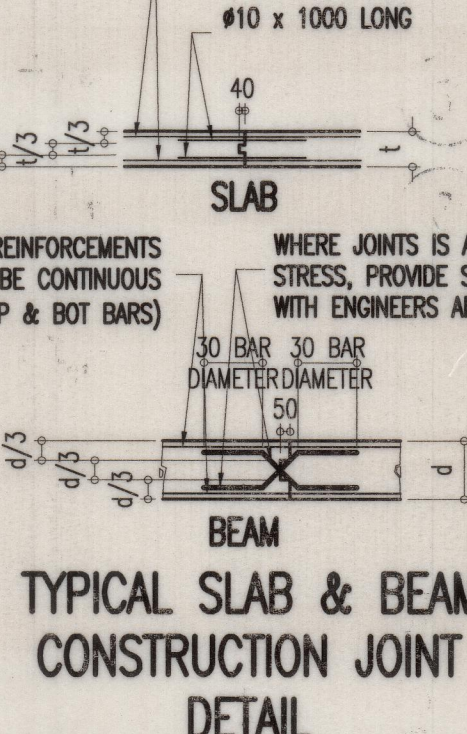
TYPICAL COLUMN ELEV. SHOWING DOWELS AND TIES SPACING



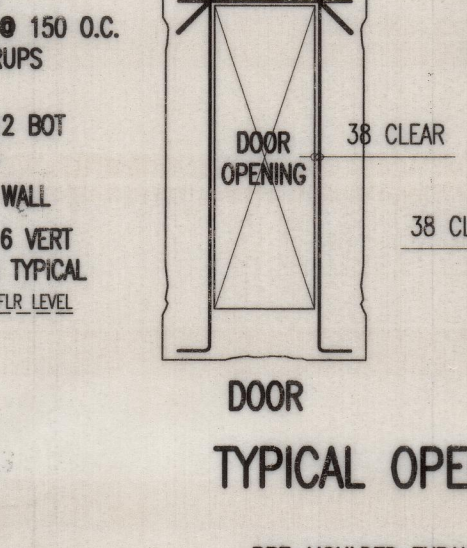
TYPICAL DETAIL OF COLUMN LAP SPICE & GIRDER TO COLUMN CONNECT



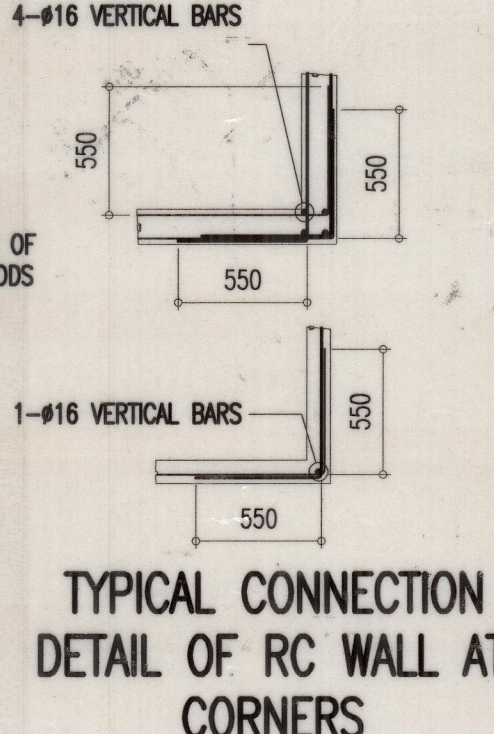
TYPICAL CHB FOOTING DETAILS (WHERE APPLICABLE)



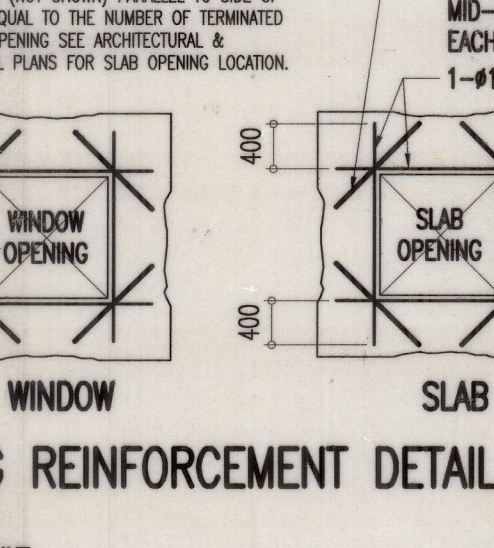
TYPICAL CONNECTION DETAIL OF RC WALL AT CORNERS



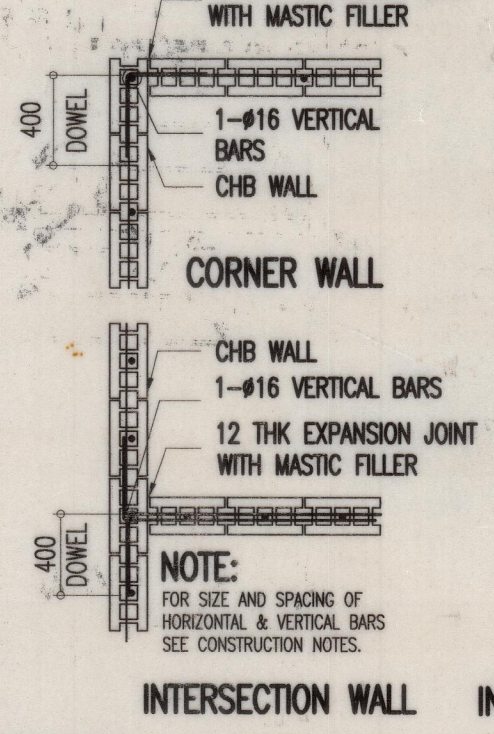
TYPICAL CONNECTION DETAIL OF RC WALL AT CORNERS



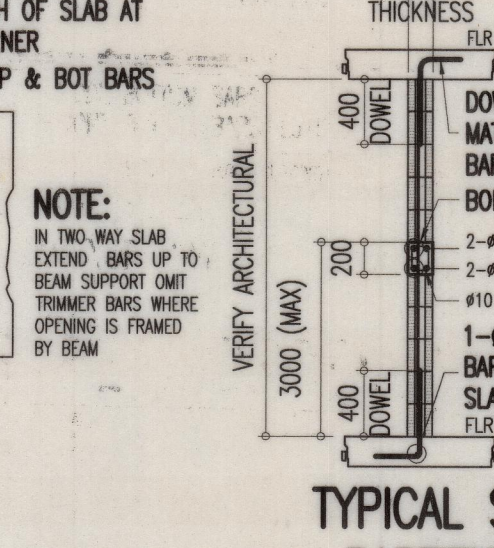
TYPICAL CONNECTION DETAIL OF MASONRY WALL



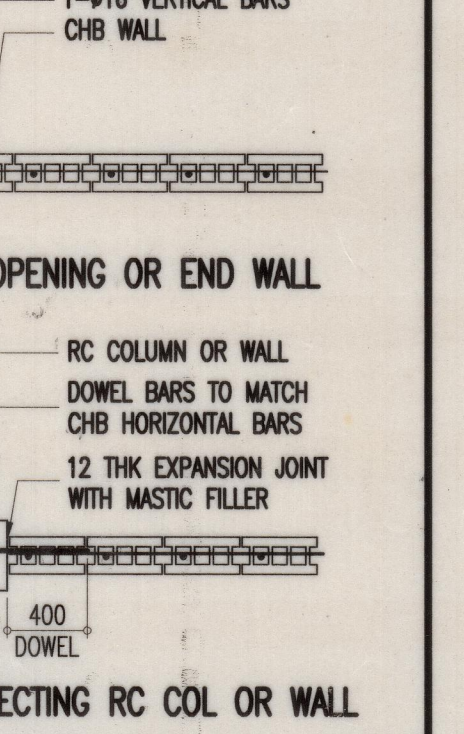
TYPICAL CONNECTION DETAIL OF MASONRY WALL



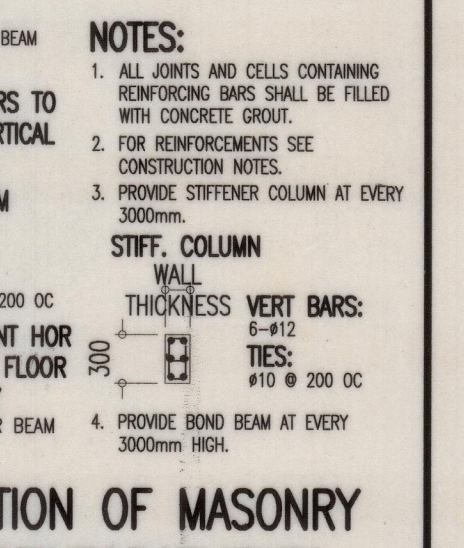
TYPICAL CONNECTION DETAIL OF MASONRY WALL



TYPICAL CONNECTION DETAIL OF MASONRY WALL



TYPICAL CONNECTION DETAIL OF MASONRY WALL



GENERAL NOTE:
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4. ANY DISCREPANCY RELATED TO SITE, DRAWINGS, CONTRADICTIONS, OR LACK OF INFORMATION SHALL BE CLARIFIED WITH HANDEER ENGINEERING GROUP PRIOR TO COMMENCEMENT OF CONSTRUCTION, FABRICATION, OR INSTALLATION. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR FAILURE TO DO SO.

ENGINEER
MENANDRO MANALOTO DE LEON JR
CIVIL/STRUCTURAL ENGINEER
PRC NO. CE 105083
ASEP NO. CE 105083-2011-00258
TIN NO. 246-888-815
PTR NO. 6224812U
DATE OF ISSUE JANUARY 05, 2018
PLACE MALOLOS CITY, BULACAN

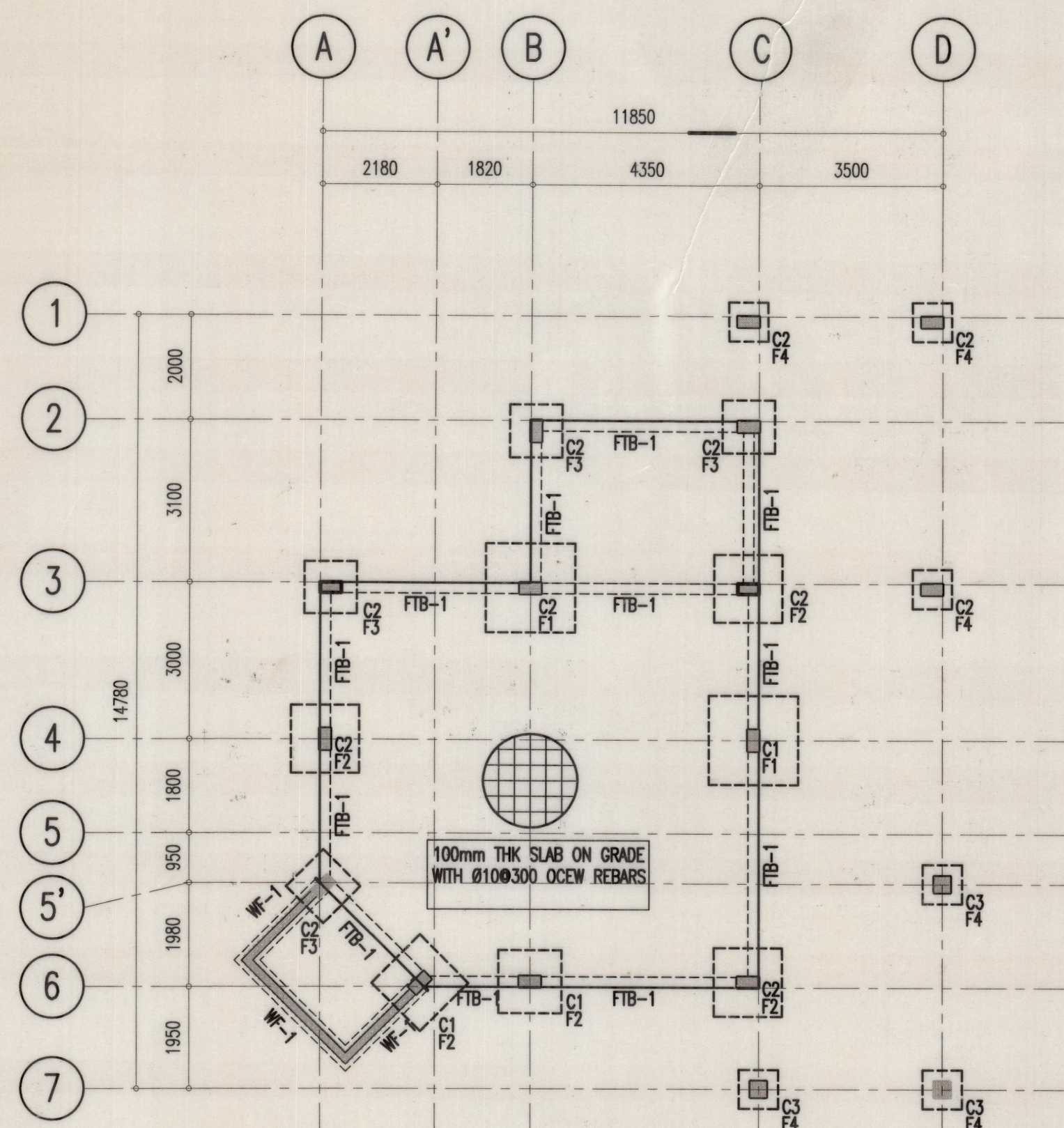
CLIENT
NO.
REVISIONS
DATE
DWN
CHK
PURPOSE OF ISSUE
SCALE
SHEET CONTENT
GENERAL CONSTRUCTION NOTES
TYPICAL STRUCTURAL DETAIL

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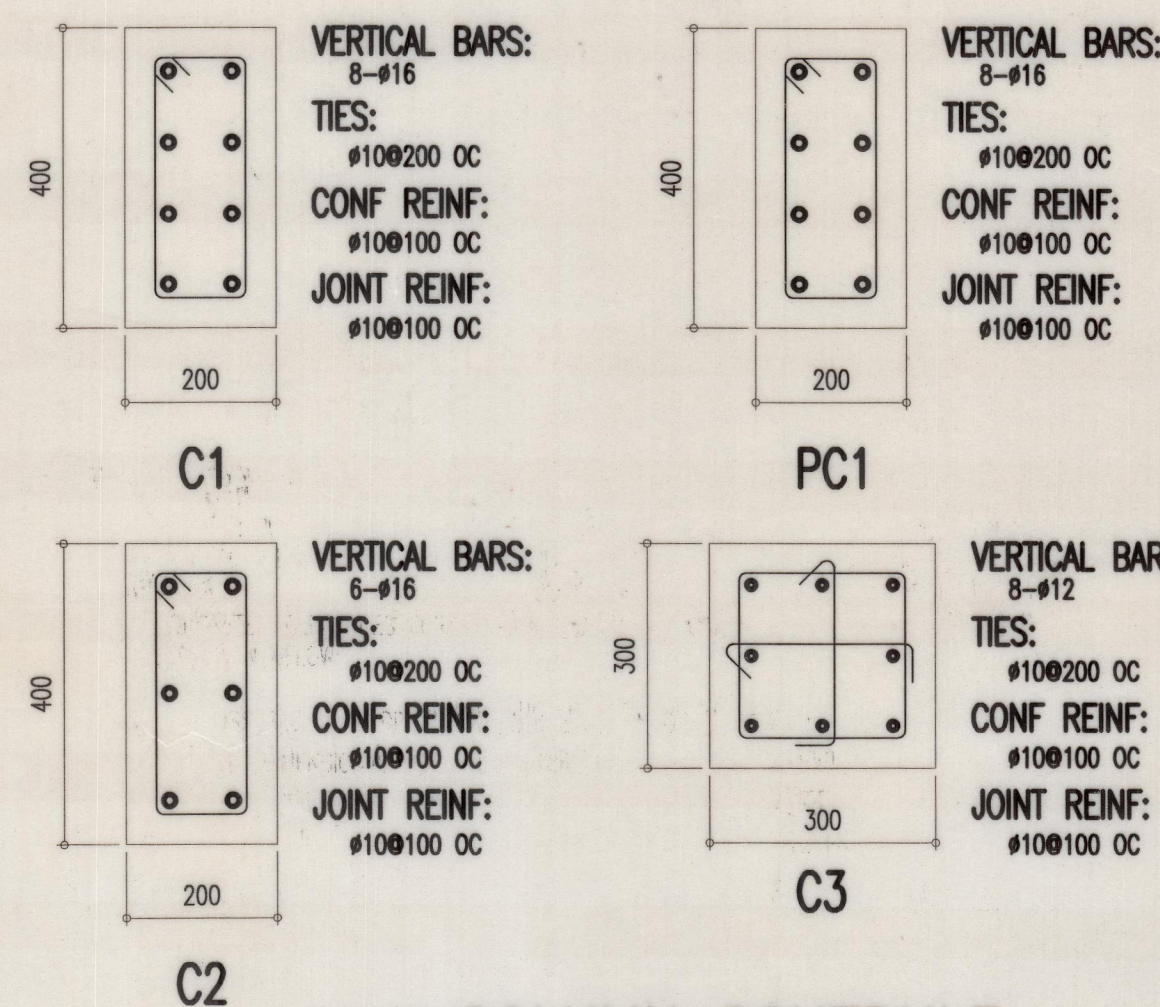
REVISIONS
DATE
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SCALE
SHEET CONTENT
GENERAL CONSTRUCTION NOTES
TYPICAL STRUCTURAL DETAIL

PROJECT
PROPOSED 2-STORY RESIDENCE
KHN BLOCK 7 LOT 39, CANAYA COAST, BRYAN MARVELO, BATANG
DWG NO.
REV
SIZE
20x30

HEADQUARTERS
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HANDEER
ENGINEERING GROUP
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BULACAN, PHILIPPINES

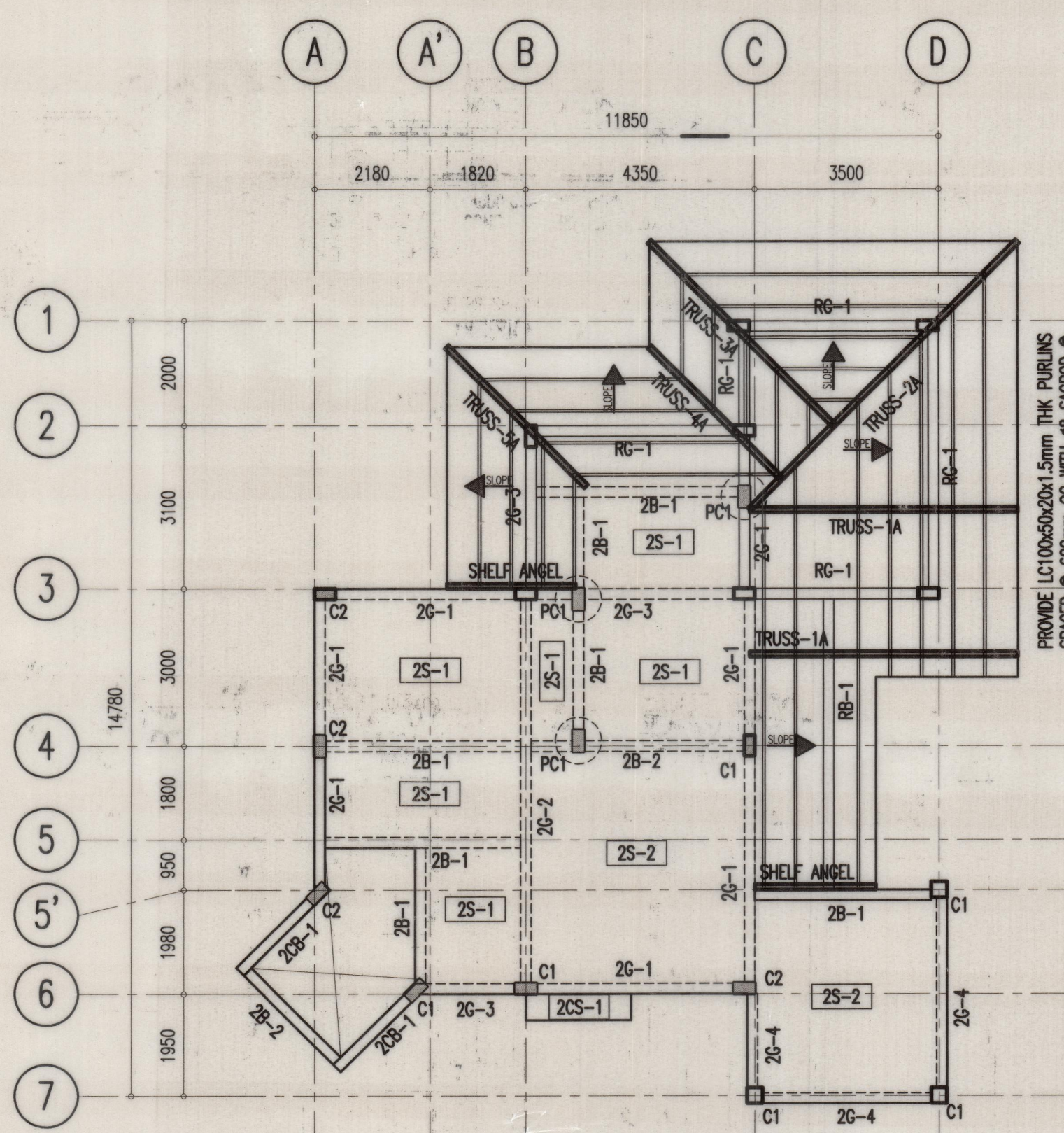


A FOUNDATION PLAN
S 2 SCALE: 1:100

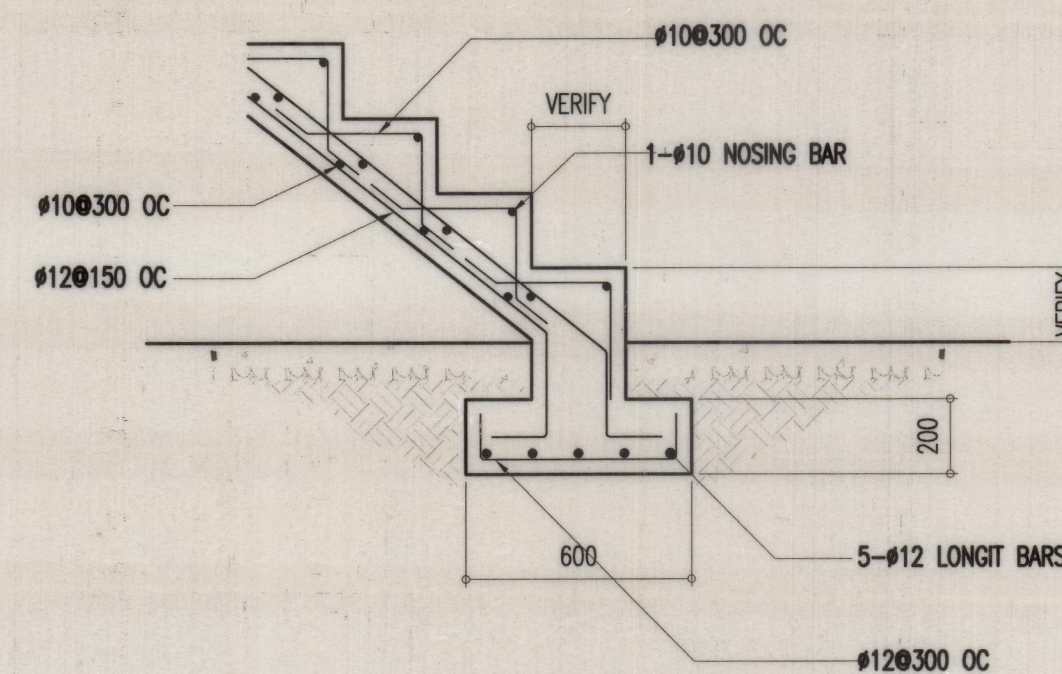


D COLUMN SCHEDULE
S 2 SCALE: 1:10

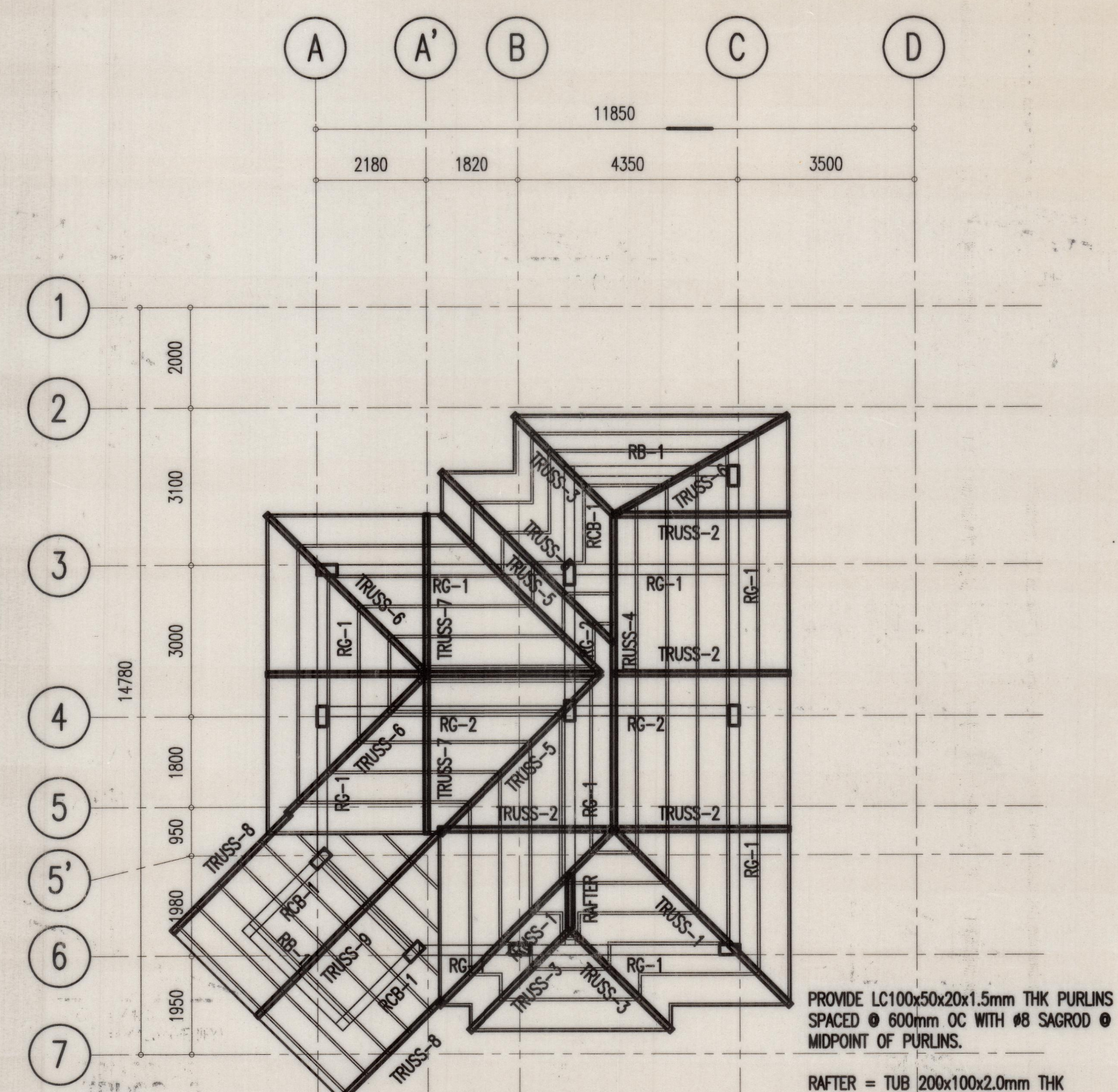
LEGEND:
 CONTINUOUS COLUMN
 TERMINATED COLUMN
 PLANTED COLUMN



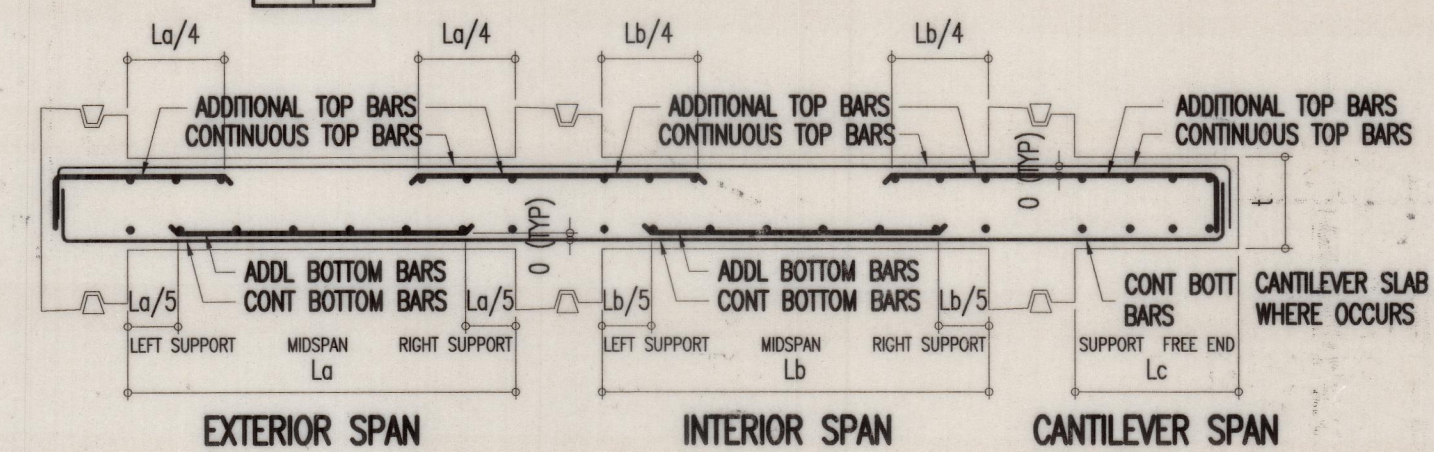
B SECOND FLOOR FRAMING PLAN
S 2 SCALE: 1:100



E TYPICAL STAIR REINFORCEMENT DETAIL
S 5 SCALE: NTS



C ROOF FRAMING PLAN
S 2 SCALE: 1:100



F TYPICAL RC SLAB REINFORCEMENT DETAIL
S 2 SCALE: NTS

SLAB SCHEDULE

SECOND FLOOR LEVEL	MARK	THK (mm)	REINFORCING BAR SPACING				MIN COMP STRENGTH (f _c , MPa)	REMARKS
			ALONG SHORT DIRECTION	ALONG LONG DIRECTION	CONT	ADDL		
2S-1	100	100	TOP 10 400 200	TOP 10 400 200			20.7	
			BOT 10 200 -	BOT 10 200 -				
2S-2	125	125	TOP 10 400 200	TOP 10 400 200			20.7	
			BOT 10 200 -	BOT 10 200 -				
2CS-1	125	125	TOP 10 400 -	TOP 10 400 -			20.7	
			BOT 10 200 -	BOT 10 200 -				

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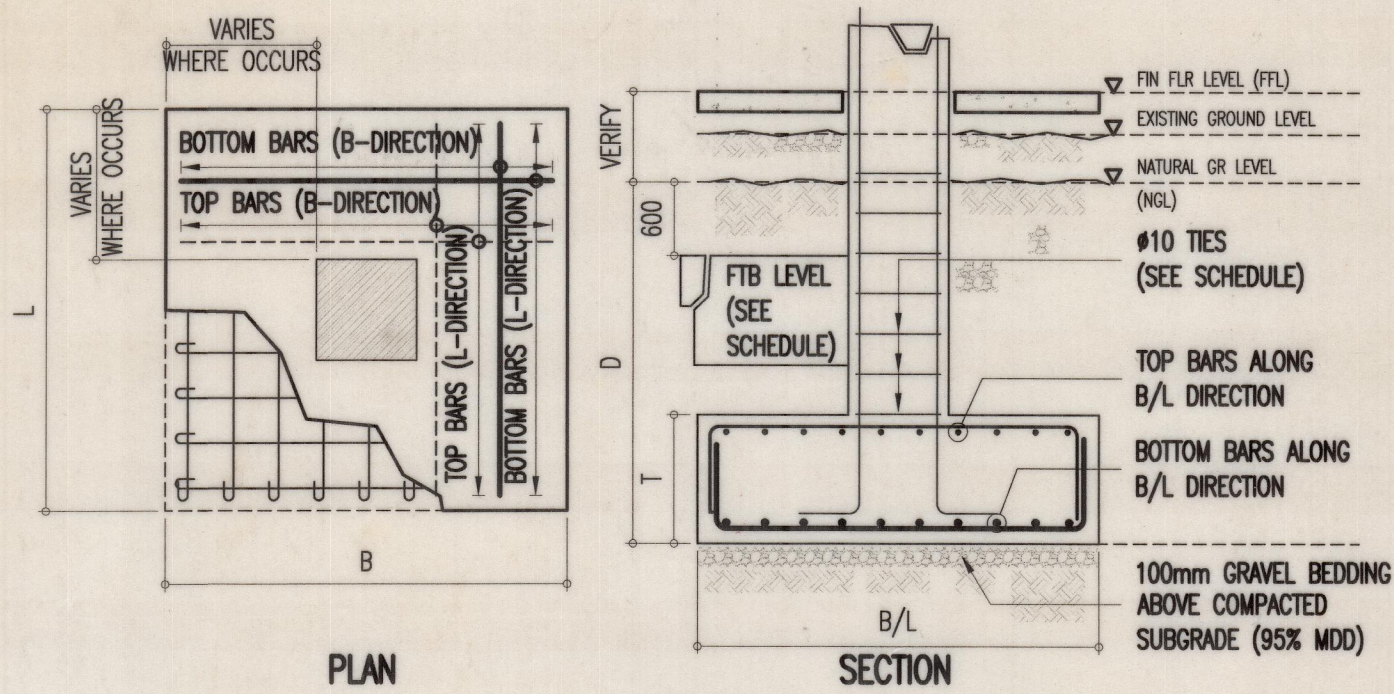
ENGINEER
MENANDRO MANALOTO DE LEON JR masep, m.pce
 CIVIL/STRUCTURAL ENGINEER
 PRC NO. CE 105083 PTR NO. 6224612U
 ASEP NO. CE 105083-2011-00258 DATE OF ISSUE JANUARY 05, 2018
 TIN NO. 246-599-815 PLACE MALOLOS CITY, BULACAN

CLIENT
 NO. REVISIONS DATE DWN CHK PURPOSE OF ISSUE
 PRELIMINARY PLANS
 FOUNDATION PLAN
 SECOND FLOOR FRAMING PLAN
 ROOF FRAMING PLAN
 COLUMN SCHEDULE
 TYPICAL STAIR REINFORCEMENT DETAIL
 TYP RC SLAB REINFORCEMENT DETAIL

SCALE: SHEET CONTENT
 FOUNDATION PLAN
 SECOND FLOOR FRAMING PLAN
 ROOF FRAMING PLAN
 COLUMN SCHEDULE
 TYPICAL STAIR REINFORCEMENT DETAIL
 TYP RC SLAB REINFORCEMENT DETAIL

PROJECT
PROPOSED 2-STORY RESIDENCE
 17th BLOCK 7 LOT 30, CAMAYA COAST, BRGY. BAWAN, MARIVELES, BATANGAS
 For the term of the copyright in the design, Nader Engineering Group (NEG) grants the right to use, adapt, develop and revise this drawing for the purposes of the PROPOSED 2-STORY RESIDENCE ONLY.
 PROJECT NO. DWG NO. **S 02** REV **0** SIZE **20x30**

HEADQUARTERS:
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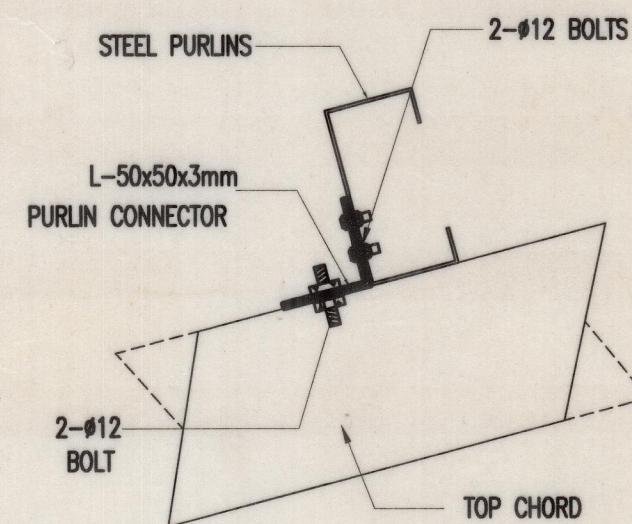


B TYPICAL FOOTING REINFORCEMENT DETAIL
S 3 SCALE: NTS

FOOTING SCHEDULE

MARK	DIMENSION			EMBED DEPTH (D)	NO. OF MAIN REINFORCEMENT				MIN COMP STRENGTH (f _c , MPa)	REMARKS
	WIDTH (B)	LENGTH (L)	THK (t)		REBAR (φ) ALONG (B) DIRECTION	REBAR (φ) ALONG (L) DIRECTION	REBAR (φ) ALONG (B) DIRECTION	REBAR (φ) ALONG (L) DIRECTION		
F1	1700	1700	300	1500	TOP 16	9	TOP 16	9	20.7	ISOLATED
F2	1300	1300	300	1500	TOP 16	7	TOP 16	7	20.7	ISOLATED
F3	1000	1000	300	1500	TOP 16	5	TOP 16	5	20.7	ISOLATED
F4	750	750	300	1500	TOP 16	4	TOP 16	4	20.7	ISOLATED

WF-1/WF-2/WF-3/WF-4 = WALL FOOTING, SEE SHEET S-1

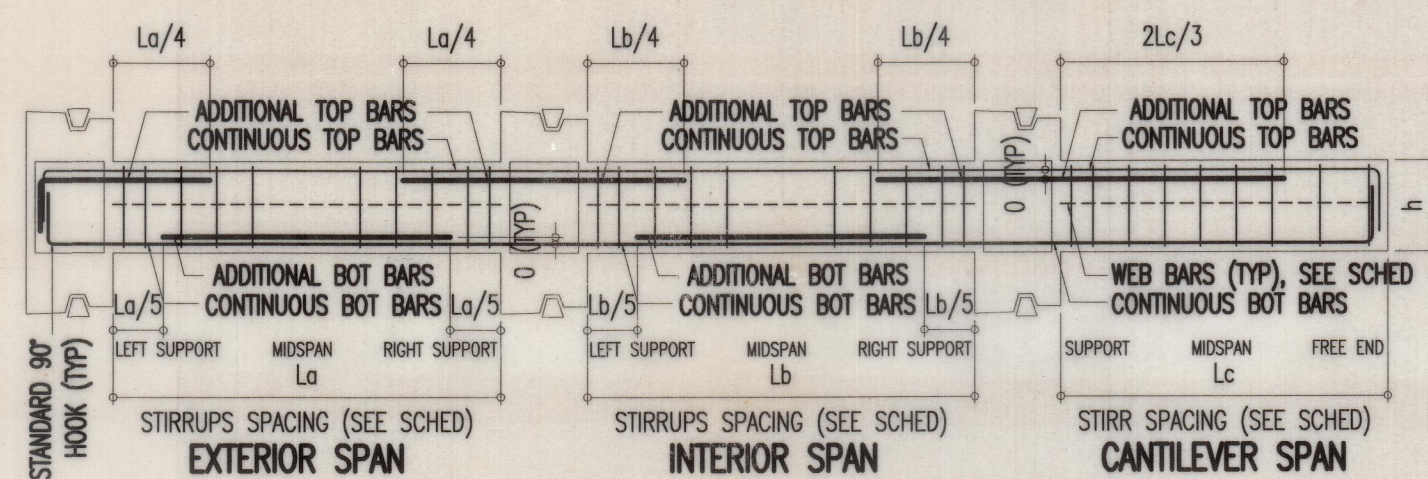


c TYP PURLIN CONN DET
S 3 SCALE: NTS

NOTES ON STRUCTURAL TOLERANCE:

1.0 UNLESS OTHERWISE SPECIFIED BY THE ENGINEER, THE FOLLOWING ARE THE ACCEPTABLE STRUCTURAL TOLERANCES FOR CAST-IN PLACE CONCRETE CONSTRUCTION. ALL DIMENSIONS, WHICH ARE NOT WITHIN THE REQUIRED TOLERANCES, SHALL BE CORRECTED PRIOR TO POURING OF CONCRETE. TOLERANCES FOR PRE-CAST CONCRETE CONSTRUCTION SHALL BE 1/2 OF THE VALUES GIVEN BELOW:

- 1.1 CROSS SECTIONAL DIMENSIONS AND LOCATION OF REINFORCEMENT:
 - 1.1.1 DIMENSIONAL LESS THAN 200mm +6mm
 - 1.1.2 200mm TO 600mm +9mm
 - 1.1.3 OVER 600mm +12mm
- 1.2 MEMBER LENGTHS OR HEIGHT (MAXIMUM LIMITATION = 12mm) 6mm per 3.0m
- 1.3 DEVIATION FROM STRAIGHT LINE (SWEEP AND/OR PLUMBNESS) 6mm per 3.0m
- 1.4 LOCATIONS OF BAR CUT-OFF OR BONDS +50mm



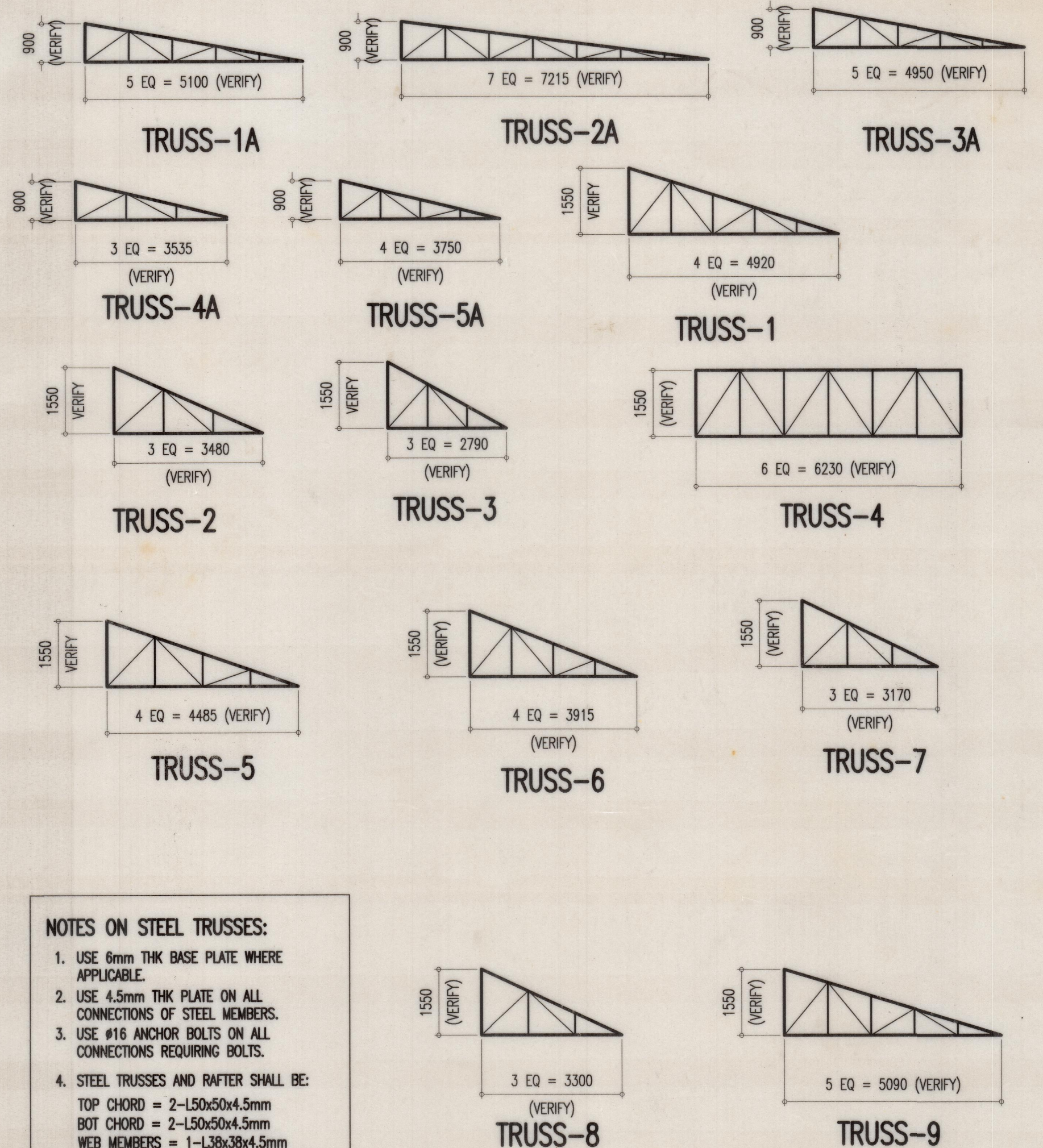
B TYPICAL RC BEAM REINFORCEMENT DETAIL
S 3 SCALE: NTS

STIRRUPS TYPE:

- A - #10: 1050; 5075; 5 @ 100; 5 @ 150; R @ 200 TO C.L.
- B - #10: 1050; 5 @ 100; 5 @ 150; R @ 200 TO C.L.
- C - #10: 1050; R @ 200 TO C.L.
- D - #10: 1050; 30100; R @ 150 TO FREE END

REINFORCED CONCRETE BEAM SCHEDULE

MARK	CROSS SECTION WIDTH (b)	HEIGHT (h)	NO. OF LONGITUDINAL REINFORCEMENT REBAR (φ)	NO. OF LONGITUDINAL REINFORCEMENT			WEB BARS EACHFACE	STIRRUPS φ	TYPE	NO/ SET	MIN COMP STRENGTH (f _c , MPa)	REMARKS
				LEFT SUPP	MIDSPAN	RIGHT SUPP						
FTB-1	200	400	16	TOP 3	3	3	-	10	C	1	20.7	TIE-BEAM
2G-1	200	400	16	TOP 4	2	4	-	10	A	1	20.7	
2G-2	200	500	16	TOP 4	2	4	-	10	A	1	20.7	
2G-3	200	400	16	TOP 6	3	6	-	10	A	1	20.7	
2G-4	200	300	16	TOP 3	2	3	-	10	A	1	20.7	
2B-1	200	300	16	TOP 3	2	3	-	10	B	1	20.7	
2B-2	200	400	16	TOP 3	3	3	-	10	B	1	20.7	
2CB-1	200	400	16	TOP 4	4	4	-	10	D	1	20.7	
RG-1	200	300	16	TOP 3	2	3	-	10	A	1	20.7	
RG-2	200	400	16	TOP 3	3	3	-	10	A	1	20.7	
RB-1	200	300	12	TOP 3	2	3	-	10	B	1	20.7	
RCB-1	200	400	12	TOP 3	3	3	-	10	D	1	20.7	

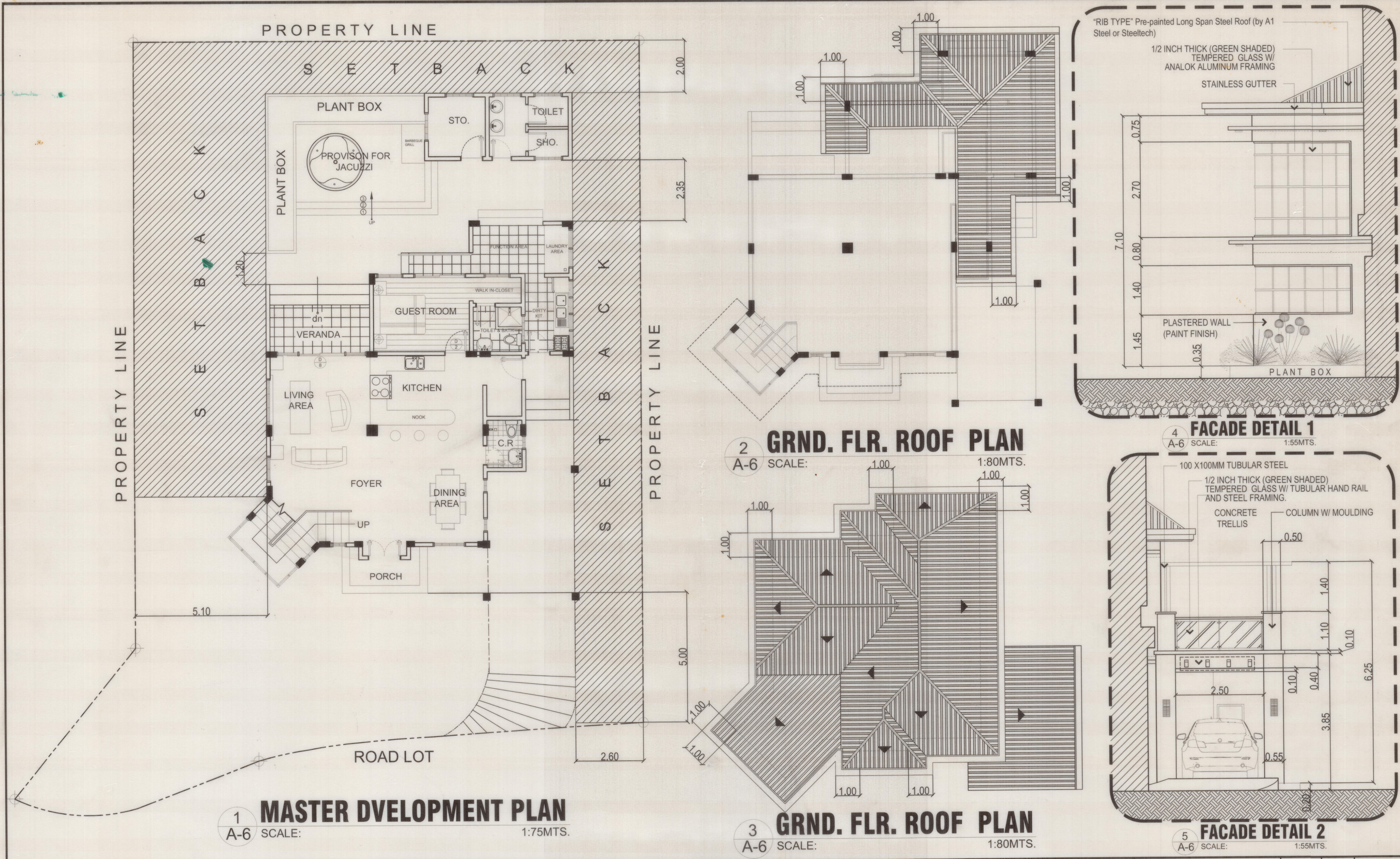


NOTES ON STEEL TRUSSES:

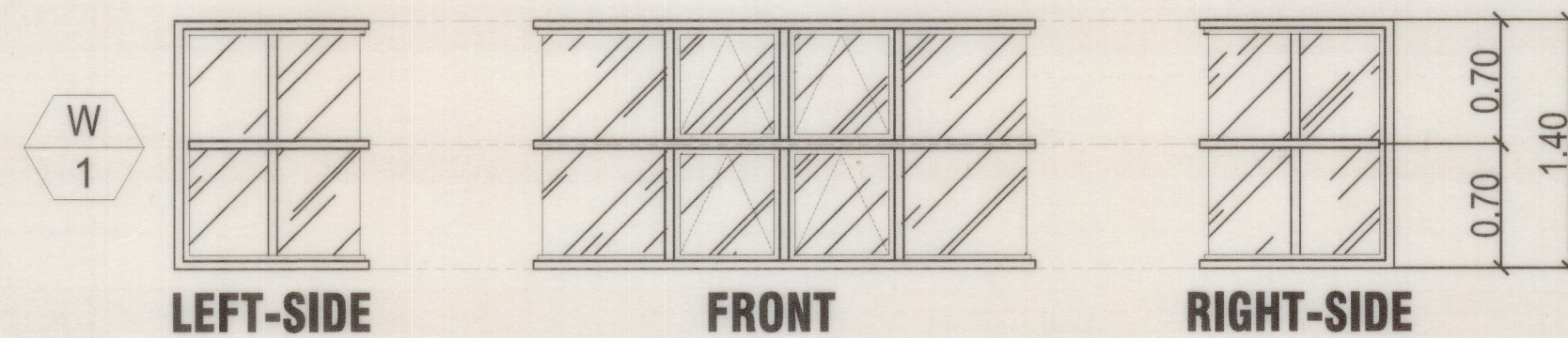
1. USE 6mm THK BASE PLATE WHERE APPLICABLE.
2. USE 4.5mm THK PLATE ON ALL CONNECTIONS OF STEEL MEMBERS.
3. USE #16 ANCHOR BOLTS ON ALL CONNECTIONS REQUIRING BOLTS.
4. STEEL TRUSSES AND RAFTER SHALL BE:
TOP CHORD = 2-L50x50x4.5mm
BOT CHORD = 2-L50x50x4.5mm
WEB MEMBERS = 1-L38x38x4.5mm
5. STEEL TRUSSES HEIGHT SHALL BE VERIFIED ON THE ARCHITECTURAL PLANS AND ON ACTUAL.


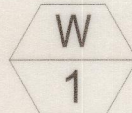
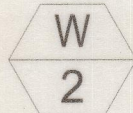
D SCHEMATIC TRUSS DIAGRAM
S 3 SCALE: 1:100

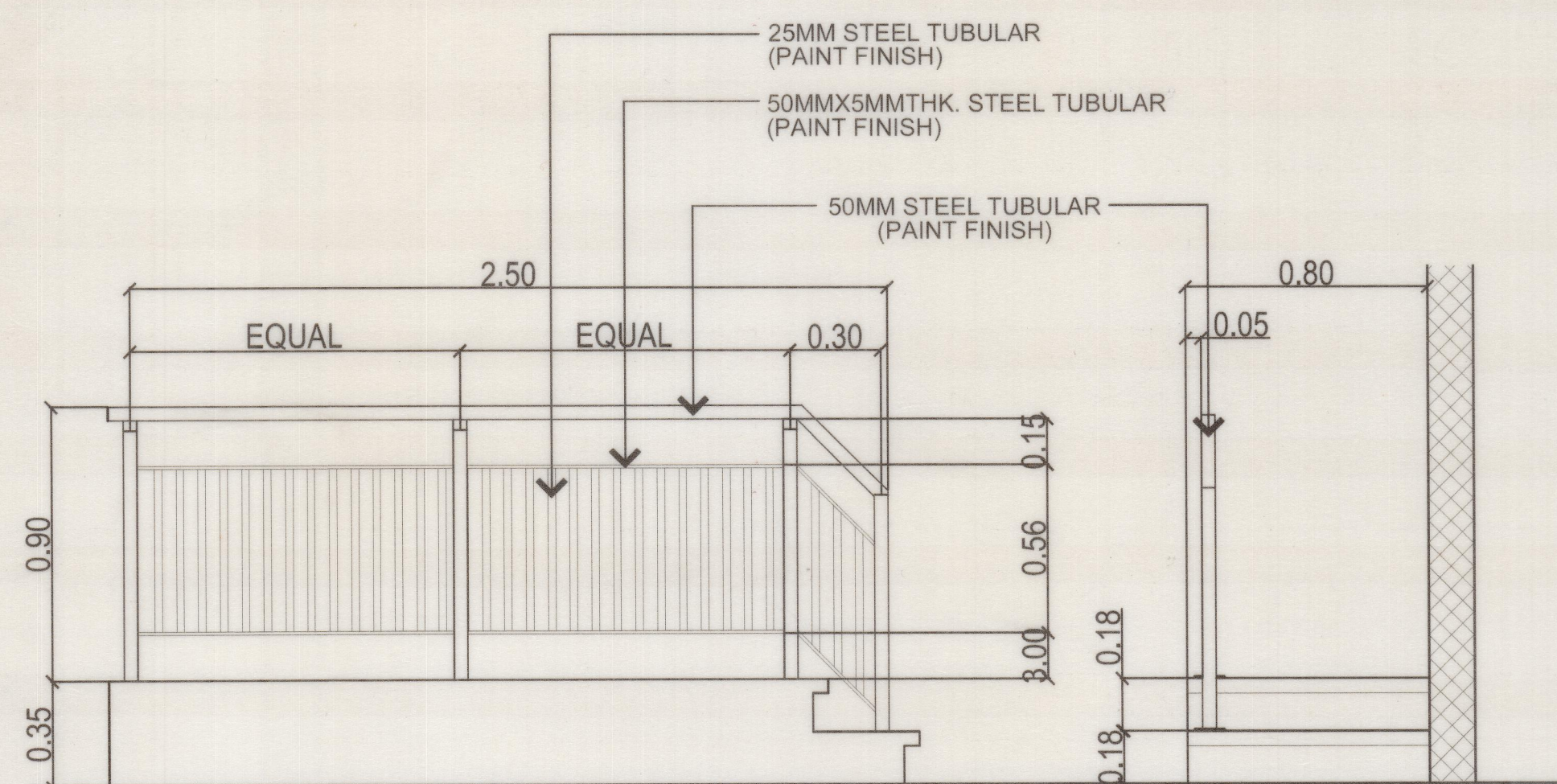
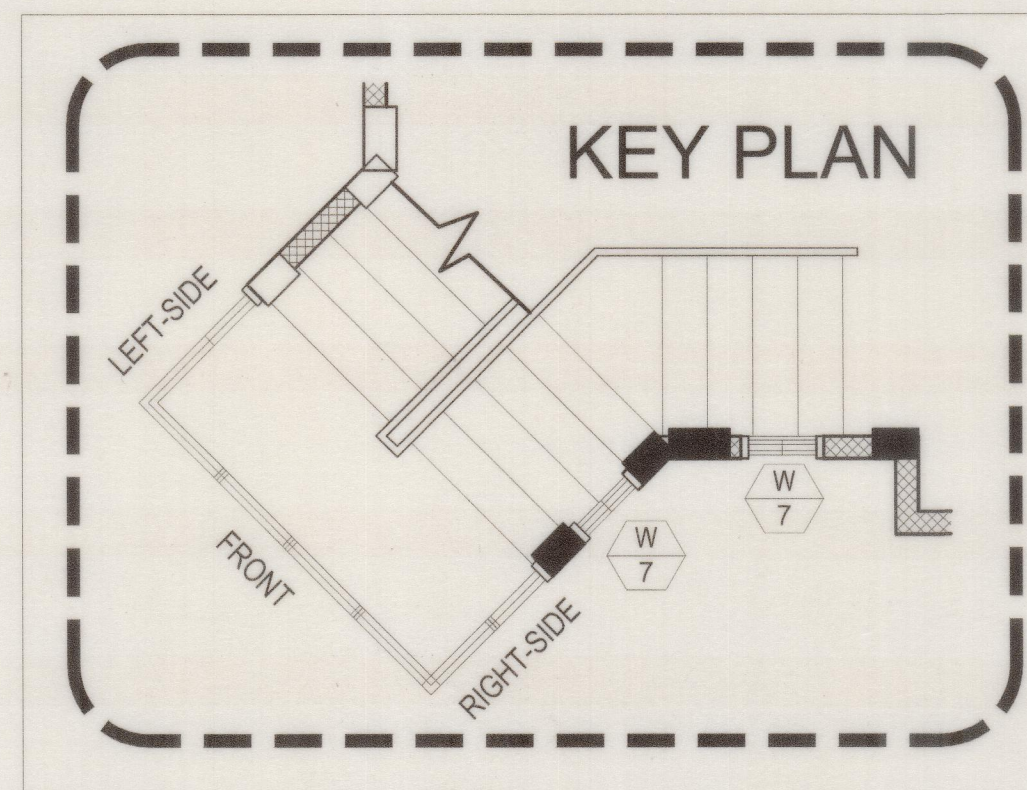
GENERAL NOTE: 1. UNLESS INDICATED OTHERWISE, ALL DIMENSIONS, DISTANCES AND SIZES ARE IN MM. 2. INDICATED DIMENSIONS SHALL GOVERN OVER SCALED DIMENSIONS. SCALED DIMENSIONS SHALL BE USED FOR CONSTRUCTION PURPOSES. 3. CONTRACTOR SHALL VERIFY ALL DIMENSIONS BEFORE ALL WORK IS TO BEGIN. CHECK WITH MECHANICAL AND ELECTRICAL CONTRACTORS FOR CONDUITS PIPE SLEEVES, ETC., TO BE EMBEDDED IN CONCRETE. 4. ANY DISCREPANCY RELATED TO SITE, DRAWINGS, CONTRADICTIONS, OR LACK OF INFORMATION SHALL BE CLARIFIED WITH NANDER ENGINEERING GROUP PRIOR TO COMMENCEMENT OF CONSTRUCTION, FABRICATION, OR INSTALLATION. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR FAILURE TO DO SO.		ENGINEER MENANDRO MANALOTO DE LEON JR <small>masep, m.pce</small> CIVIL/STRUCTURAL ENGINEER		CLIENT [Blank]		NO. [Blank]		REVISIONS [Blank]		DATE [Blank]		DWN [Blank]		CHK [Blank]		PURPOSE OF ISSUE <input type="checkbox"/> BID PLANS <input type="checkbox"/> PERMIT PLANS <input type="checkbox"/> CONSTRUCTION PLANS		SCALE [Blank]		SHEET CONTENT TYPICAL FOOTING REINFORCEMENT DETAIL TYP PURLIN CONN DET TYPICAL RC BEAM REINFORCEMENT DETAIL SCHEMATIC TRUSS DIAGRAM		PROJECT PROPOSED 2-STOREY RESIDENCE 15th BLOCK 7 LOT 38, CAMAYA COAST, BRGY. BAWAN, MARIVELES, BATAN		HEADQUARTERS: 3F ESSEN BUILDING, 176 PASO DEL CONGRESO LINGAY, CITY OF MALABO, 3000 BULACAN, PHILIPPINES M: (03) 917 854 71 61 F: (0344) 305 02 74 E: mdeleong@nanderenggroup.com		SATELLITE: 34E BELANG, THE CAPITAL TOWERS E. RODRIGUEZ AVENUE NEW MANILA, QUEZON CITY PHILIPPINES	
PRC NO. CE 105083 ASEP NO. CE 105083-2011-00258 TIN NO. 246-888-815		PTR NO. 0224812U DATE OF ISSUE JANUARY 05, 2018 PLACE MALABO CITY, BULACAN		INITIALS [Blank]		SIGN [Blank]		DATE [Blank]		DRAWN FSS/ADPL DESIGNED FSS/ADPL CHECKED NEB DESIGN APPROVED MML PROJECT APPROVED MML		MAR2018 MAR2018 MAR2018 MAR2018 MAR2018		SIZE 20x30		REV 0		03									



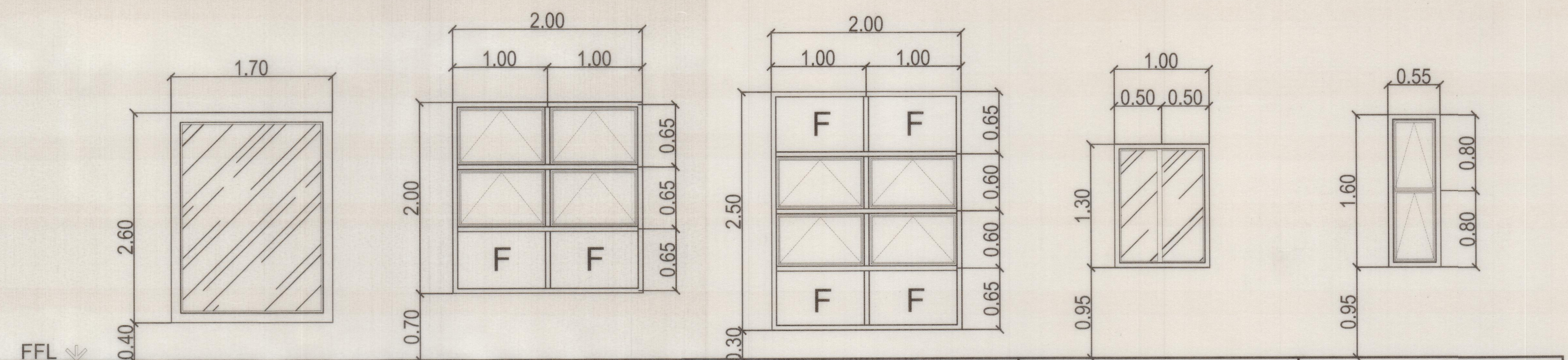
<p>ARCHITECT</p> <p>AR. DAHNIEL C. TING</p> <p>PTR NO. 0157786 PRC REG. NO. 37928</p> <p>ISSUED ON 1/25/2018 TIN 321-580-614</p> <p>ISSUED AT MALOLOS BULACAN</p>	<p>PROJECT TITLE / LOCATION</p> <p>PROPOSED TWO STOREY RESIDENTIAL</p> <p>KHN Block 7 Lot 39, Camaya coast, Brgy. Biaan, Mariveles, Bataan</p> <p>NOTE: THIS DRAWING, AS AN INSTRUMENT OF SERVICE, IS A PROPERTY OF THE ARCHITECT AND AS SUCH MUST NOT BE REPRODUCED OR COPIED IN PART OR IN WHOLE WITHOUT HIS CONSENT. ALL DRAWINGS ARE TO BE RETURNED WHEN NO LONGER IN USE.</p> <p>REPUBLIC ACT 545</p>	<p>OWNER</p> <p>SHEET CONTENTS</p> <p>MASTER DEVELOPMENT PLAN</p> <p>GROUND FLOOR ROOF PLAN</p> <p>SECOND FLOOR ROOF PLAN</p> <p>FACADE DETAIL 1</p> <p>FACADE DETAIL 2</p>	<table> <tr> <th>REVISIONS</th><th>REVISED BY</th><th>DATE</th><th>SHEET NO.</th></tr> <tr> <td> </td><td> </td><td> </td><td> </td></tr> <tr> <td> </td><td> </td><td> </td><td> </td></tr> <tr> <td> </td><td> </td><td> </td><td> </td></tr> <tr> <td> </td><td> </td><td> </td><td> </td></tr> <tr> <td>DESIGNER</td><td>EES</td><td>CADD BY</td><td>DCT</td></tr> <tr> <td>CHECKED BY</td><td>EES</td><td>DATE</td><td>APRIL-2017</td></tr> </table>	REVISIONS	REVISED BY	DATE	SHEET NO.																	DESIGNER	EES	CADD BY	DCT	CHECKED BY	EES	DATE	APRIL-2017
REVISIONS	REVISED BY	DATE	SHEET NO.																												
DESIGNER	EES	CADD BY	DCT																												
CHECKED BY	EES	DATE	APRIL-2017																												




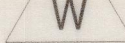
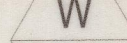


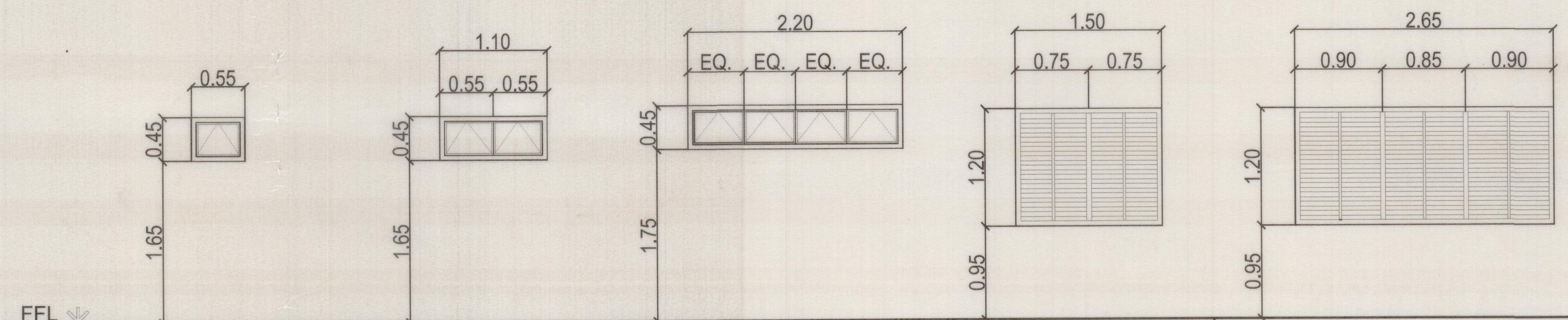
FFL 	
MARK:	 
TYPE:	FIXED GLASS WINDOW W/ 12MM THK. CLEAR GLASS GREEN SHADED (ANODIZED) IN ALUMINUM FRAME
JAMB:	
LOCATION:	MASTER'S BEDROOM
UNIT:	1



2 RAILING DETAIL
A-7 SCALE: 1:20MTS



MARK:					
TYPE:	FIXED GLASS WINDOW W/ 12MM THK. CLEAR GLASS GREEN SHADED (ANODIZED)IN ALUMINUM FRAME	GLASS AWNING WINDOW W/ 10MM THK. CLEAR GLASS GREEN SHADED (ANODIZED)IN ALUMINUM FRAME	GLASS AWNING WINDOW W/ 10MM THK. CLEAR GLASS GREEN SHADED (ANODIZED)IN ALUMINUM FRAME	GLASS SLIDING WINDOW W/ 10MM THK. CLEAR GLASS GREEN SHADED (ANODIZED)IN ALUMINUM FRAME	GLASS DOUBLE AWNING WINDOW W/ 10MM THK. CLEAR GLASS GREEN SHADED (ANODIZED)IN ALUMINUM FRAME
JAMB:					
LOCATION:	MASTER'S BEDROOM	MASTER'S BEDROOM	DINING ROOM	LIVING AREA, GUEST ROOM, BED ROOM 1	STAIRCASE, WALK-IN CLOSET, MASTER'S BED RM., DINING AREA
UNIT:	1	1	1	6	9



MARK:	W 8	W 9	W 10	W 11	W 12
TYPE:	GLASS AWNING WINDOW W/ 10MM THK. CLEAR GLASS GREEN SHADED (ANODIZED)IN ALUMINUM FRAME	GLASS AWNING WINDOW W/ 10MM THK. CLEAR GLASS GREEN SHADED (ANODIZED)IN ALUMINUM FRAME	GLASS AWNING WINDOW W/ 10MM THK. CLEAR GLASS GREEN SHADED (ANODIZED)IN ALUMINUM FRAME	INDUSTRIAL STEEL LOUVER WINDOW PAINTED WITH EPOXY PRIMER & EPOXY LACQUER PAINT FINISH	INDUSTRIAL STEEL LOUVER WINDOW PAINTED WITH EPOXY PRIMER & EPOXY LACQUER PAINT FINISH
JAMB:					
LOCATION:	LIVING AREA, GUEST ROOM, BED ROOM 1	LIVING AREA, GUEST ROOM, BED ROOM 1	LIVING AREA, GUEST ROOM, BED ROOM 1	LAUNDRY AREA	DIRTY KITCHEN
UNIT:	4	7	1	1	1

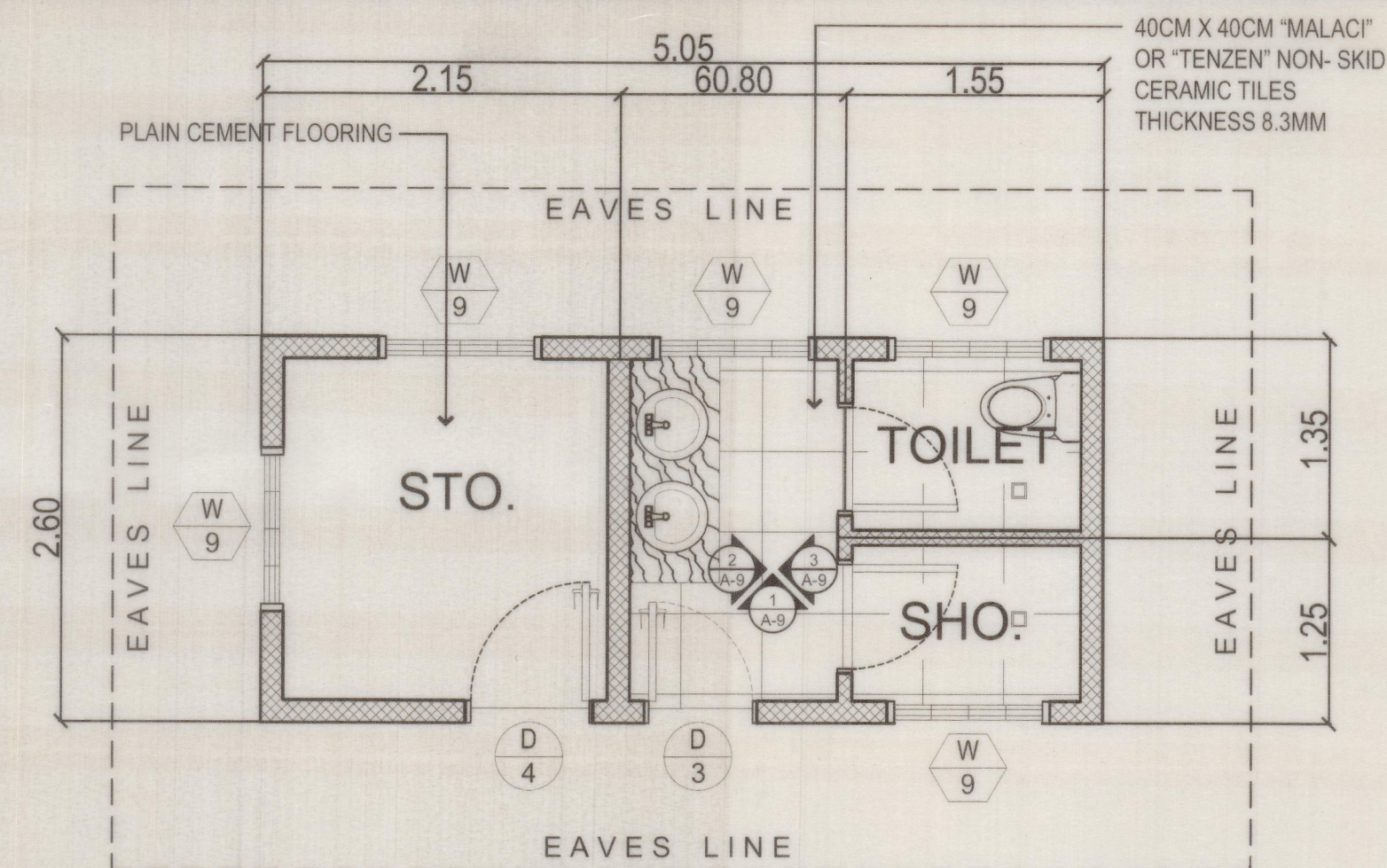
SCHEDULE OF WINDOWS

	ARCHITECT		PROJECT TITLE / LOCATION		OWNER	REVISIONS		REVISED BY	DATE	SHEET NO.					
	AR. DAHNIEL C. TING		PROPOSED TWO STOREY RESIDENTIAL		SHEET CONTENTS SCHEDULE OF WINDOWS RAILING DETAIL	△				A-07					
			KHN Block 7 Lot 39, Camaya coast, Brgy. Biaan, Mariveles, Bataan			△									
						△									
						△									
PTR NO. 0157786		PRC REG. NO. 37928													
ISSUED ON 1/25/2018		TIN 321-580-614		NOTE: THIS DRAWING, AS AN INSTRUMENT OF SERVICE, IS A PROPERTY OF THE ARCHITECT AND AS SUCH MUST NOT BE REPRODUCED OR COPIED IN PART OR IN WHOLE WITHOUT HIS CONSENT. ALL DRAWINGS ARE TO BE RETURNED WHEN NO LONGER IN USE.											
ISSUED AT MALOLOS BULACAN				REPUBLIC ACT 545				DESIGNER	EES	CADD BY	DCT	CHECKED BY	EES	DATE	APRIL-2017

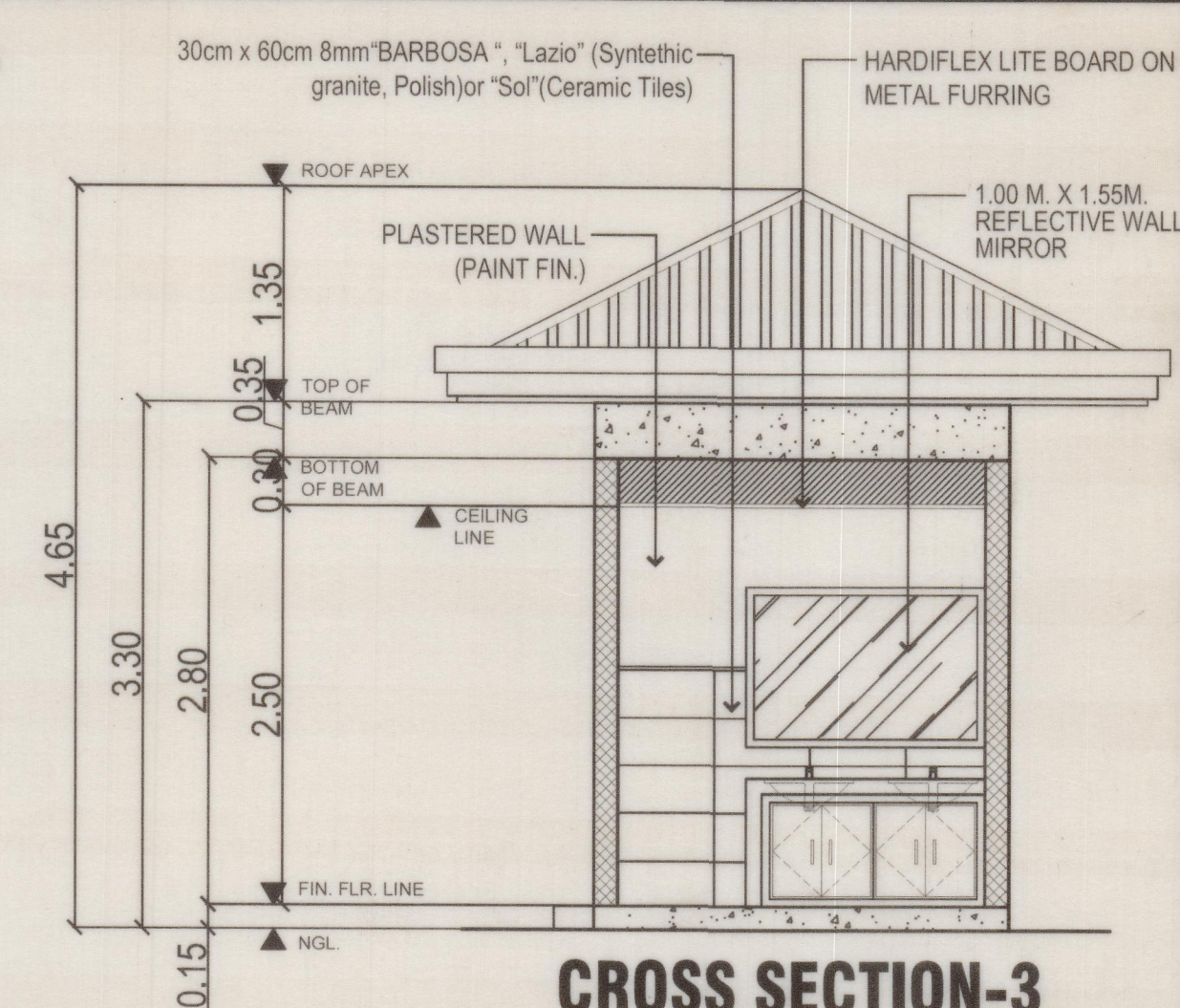
MARK:	D 1	D 2	D 3	D 4
TYPE:	DECORATIVE WOODEN PANEL DOOR W/ TRANSOM WINDOW	WOODEN PANEL DOOR	PVC HOLLOW CORE DOOR SET WITH LOUVER	WOODEN FLUSH DOOR
JAMB:	2" x 6" WOOD (TANGUILE)	2" x 6" WOOD (TANGUILE)	2" x 6" WOOD (TANGUILE)	2" x 6" WOOD (TANGUILE)
LOCATION:	MAIN ENTRANCE	GUEST ROOM, BEDROOM 1 MASTER'S BEDROOM	COMFORT ROOM, T&B	KITCHEN, STORAGE
UNIT:	1	3	7	2

D 5	D 6	D 7	D 8
GLASS SLIDING DOOR W/ 10MM THK. CLEAR TEMPERED GLASS GREEN SHADED (ANODIZED) IN ALUMINUM FRAME	INDUSTRIAL STEEL LOUVERED UTILITY DOOR IN STEEL FRAME WITH STAINLESS STEEL LEVER LOCKSET	GLASS SLIDING WINDOW W/ 10MM THK. CLEAR GLASS GREEN SHADED (ANODIZED) IN ALUMINUM FRAME	GLASS SLIDING WINDOW W/ 10MM THK. CLEAR GLASS GREEN SHADED (ANODIZED) IN ALUMINUM FRAME
BED ROOM 1	DIRTY KITCHEN	GUEST ROOM	LIVING AREA, VERANDA
1	1	1	1

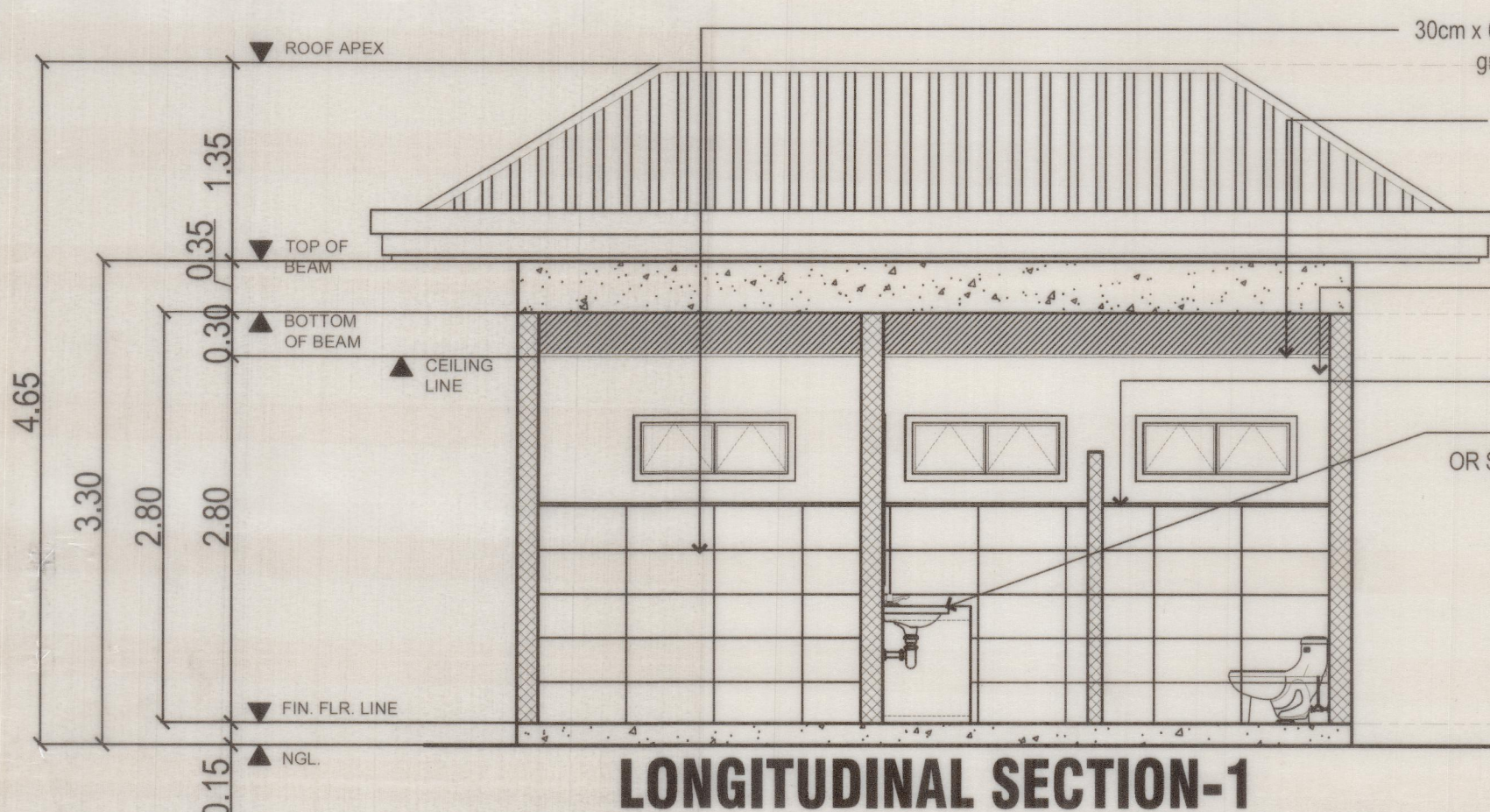
SCHEDULE OF DOORS 1 A-7 SCALE: 1:40MTS.



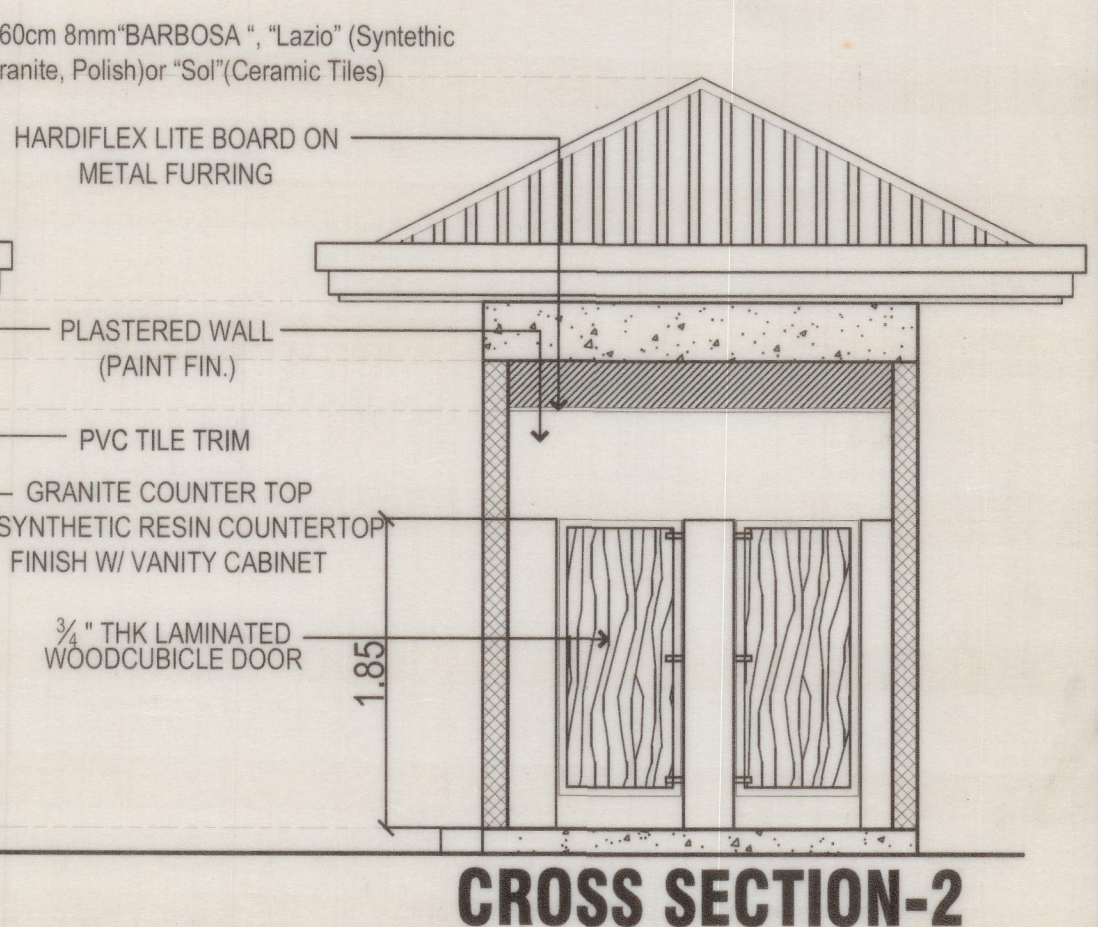
FLOOR PLAN (REAR PUB. BATH ROOM)



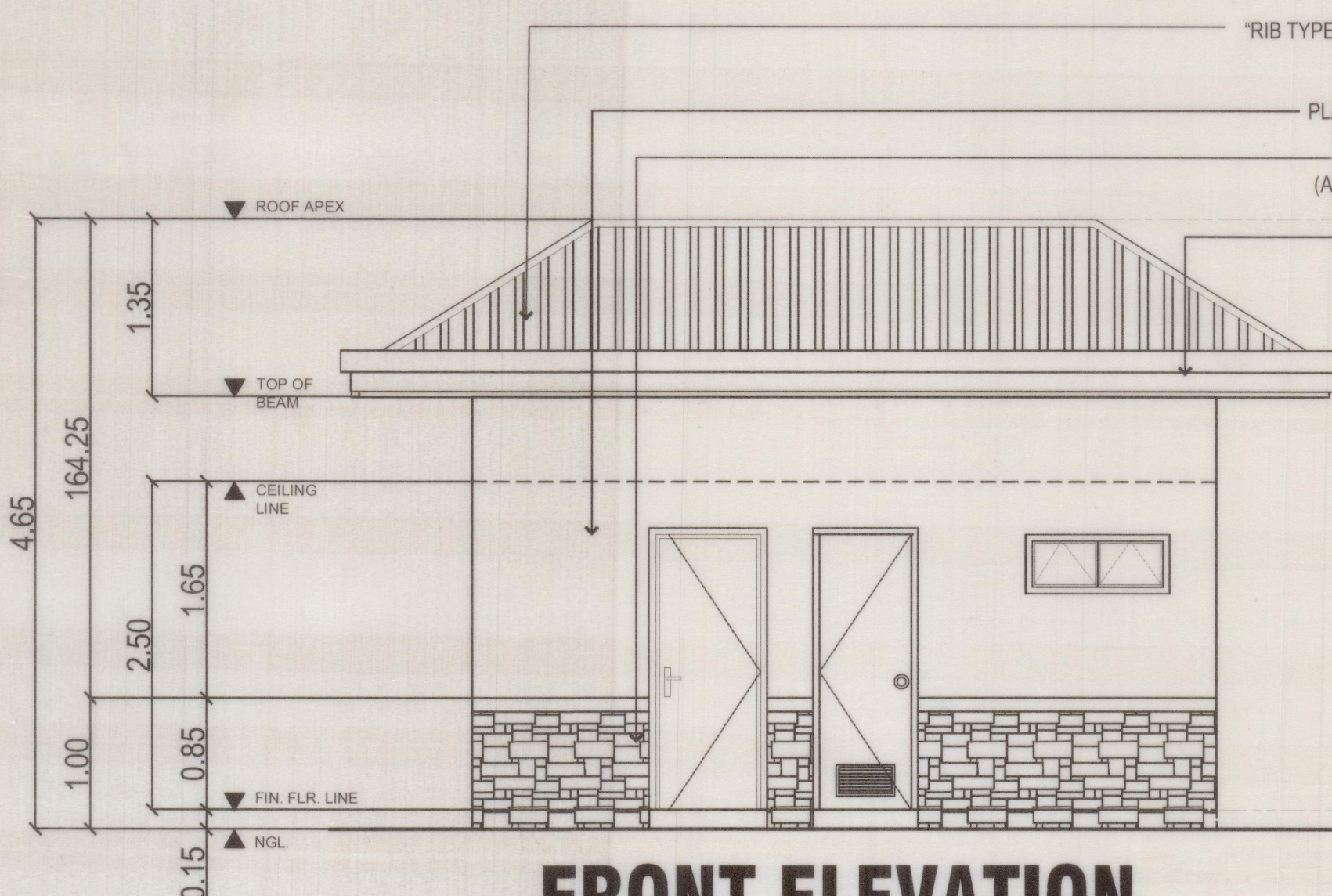
CROSS SECTION-3



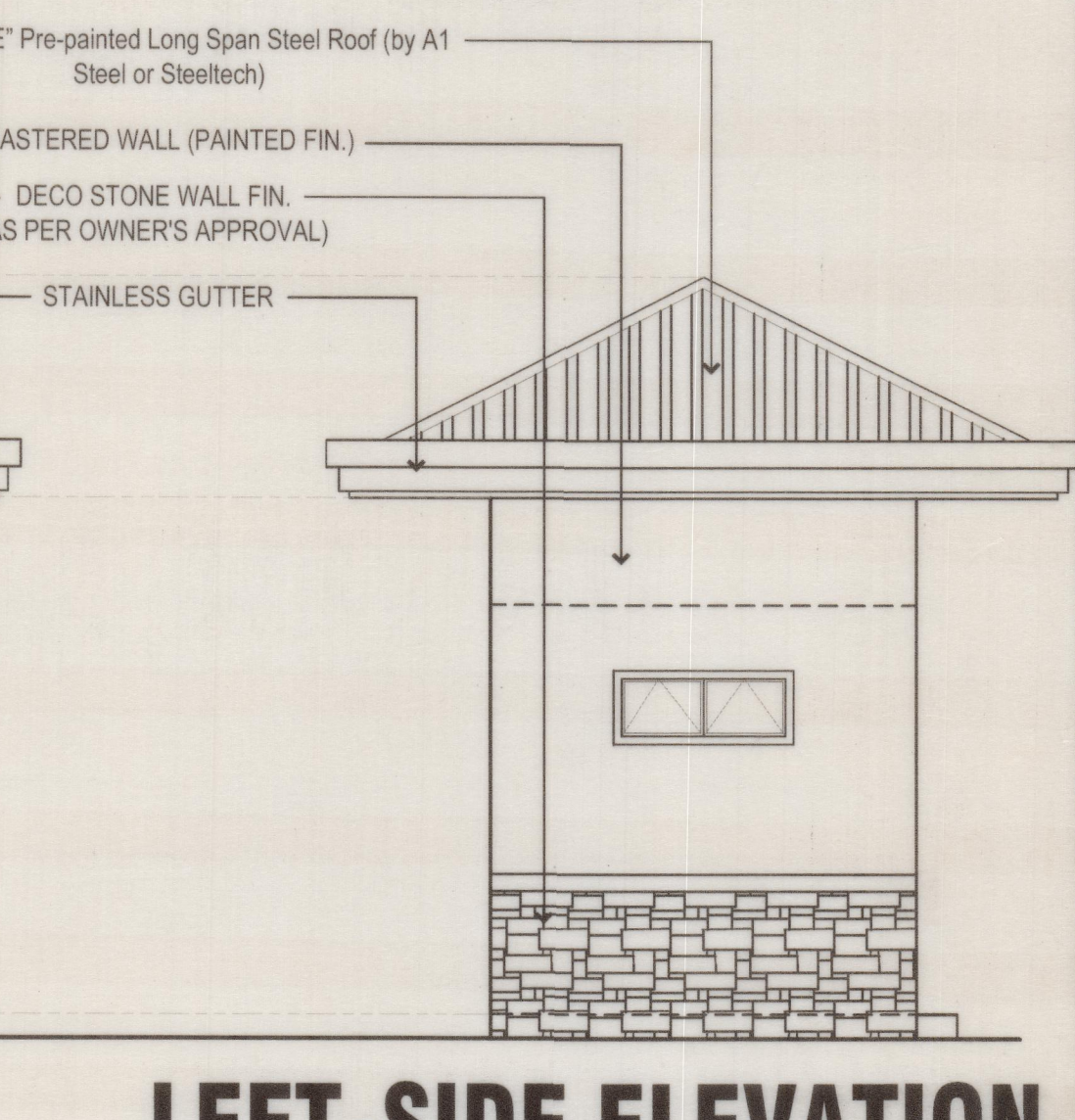
LONGITUDINAL SECTION-1



CROSS SECTION-2

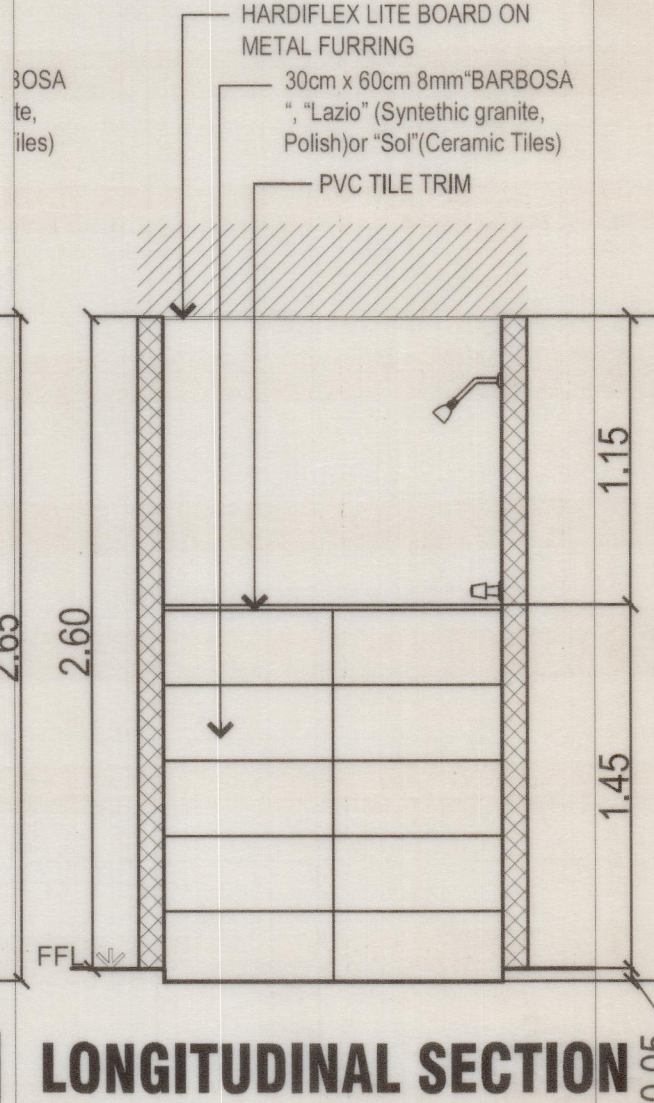
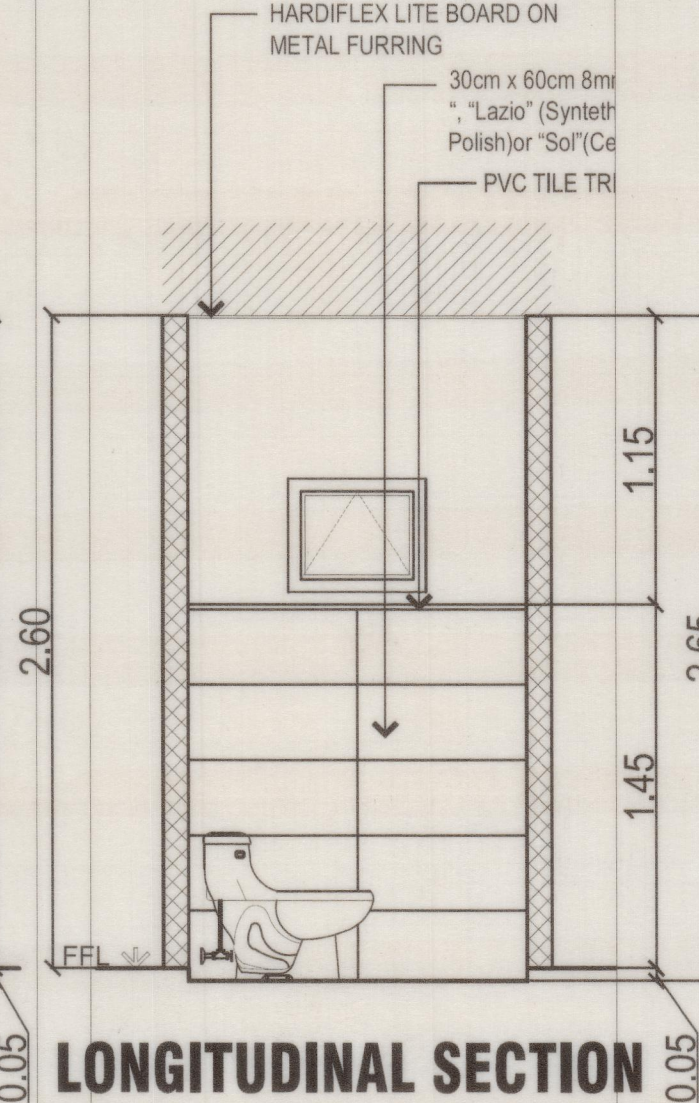
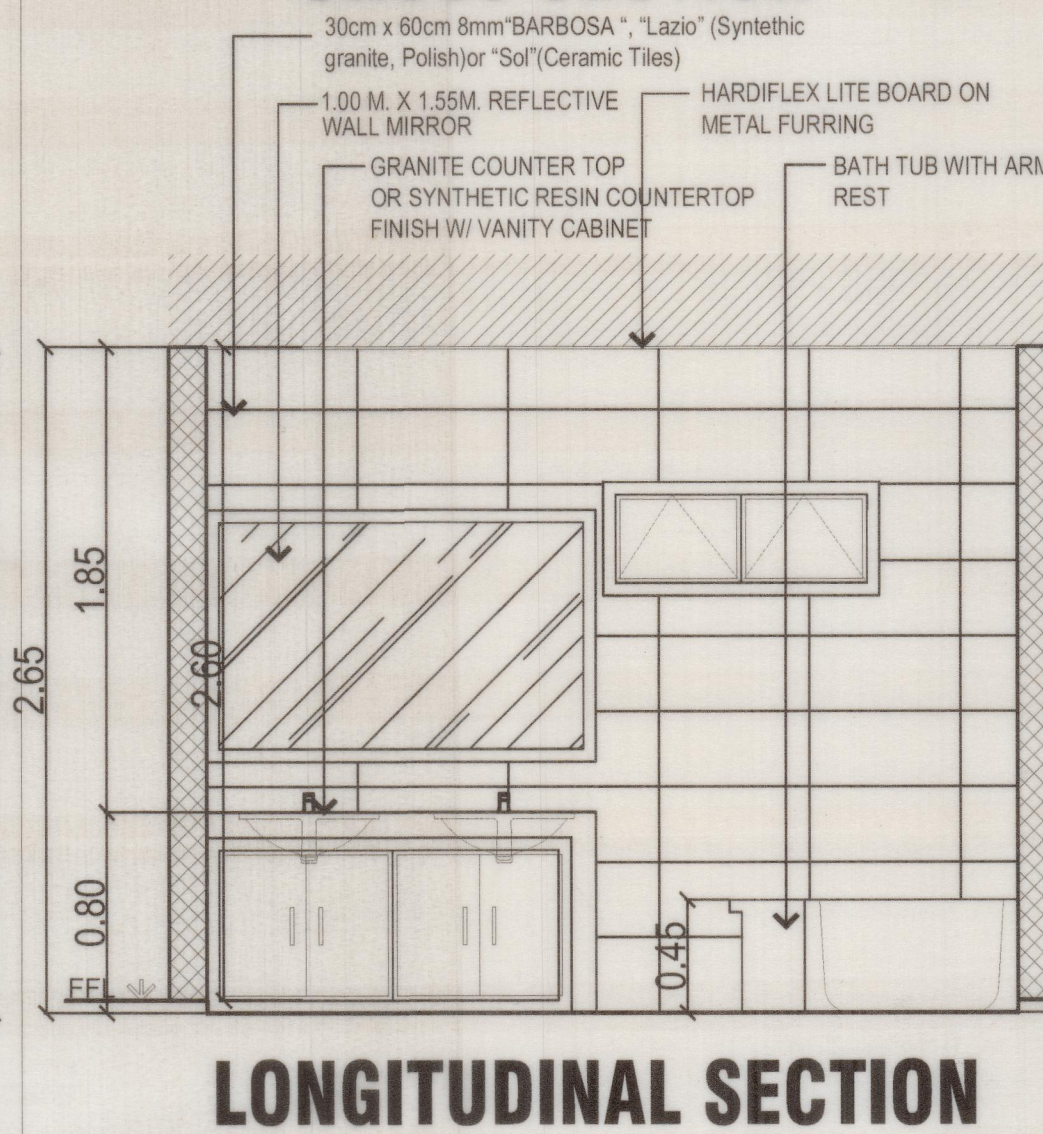
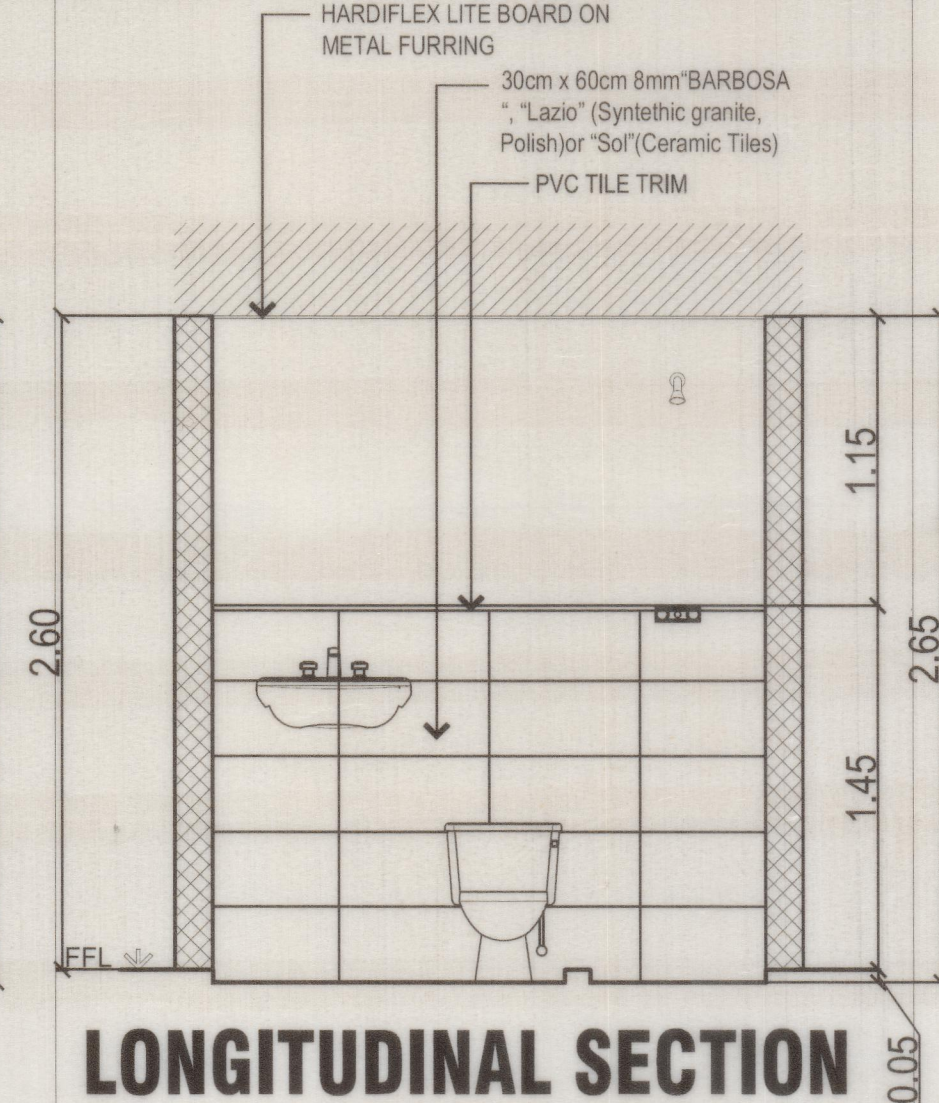
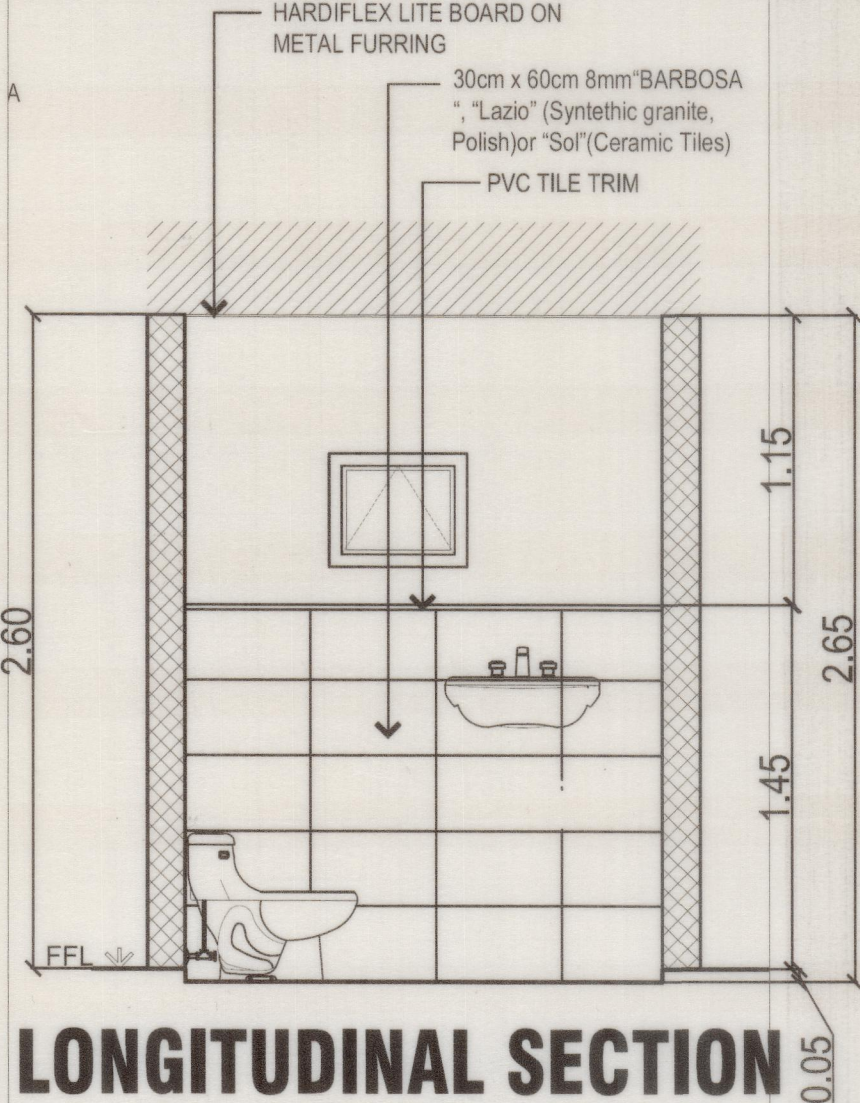
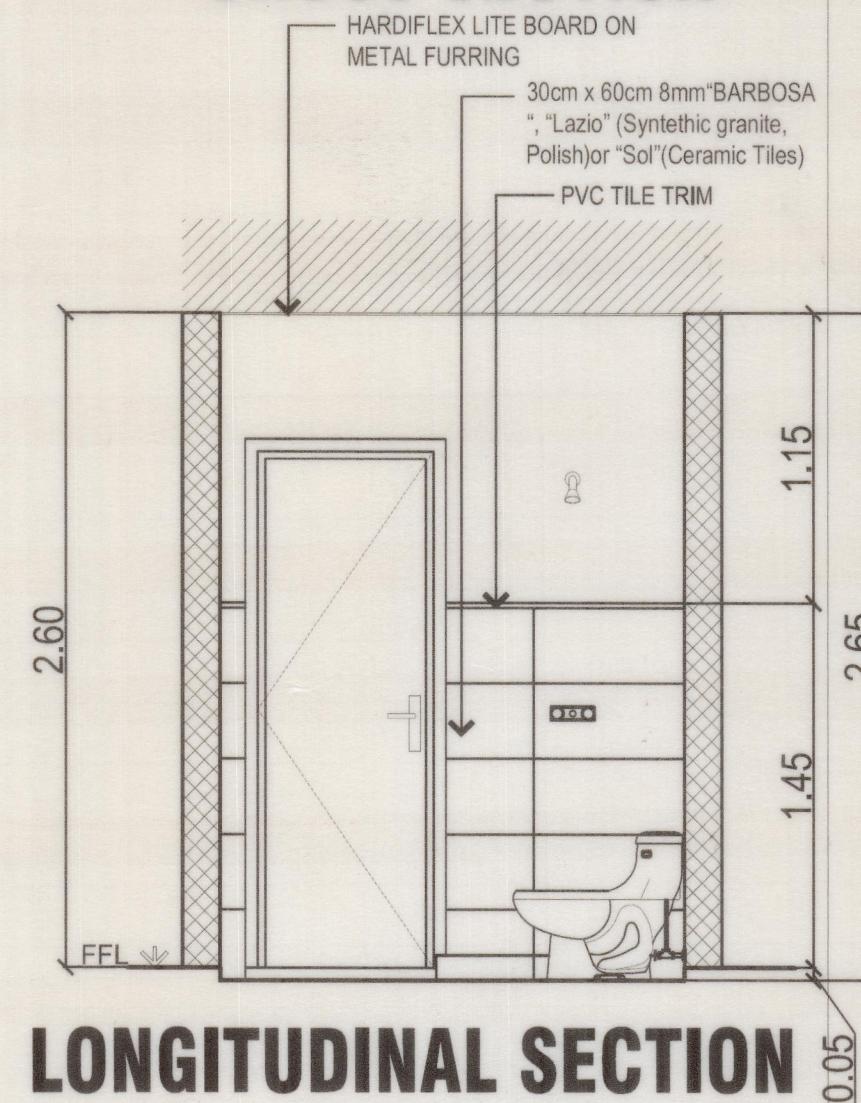
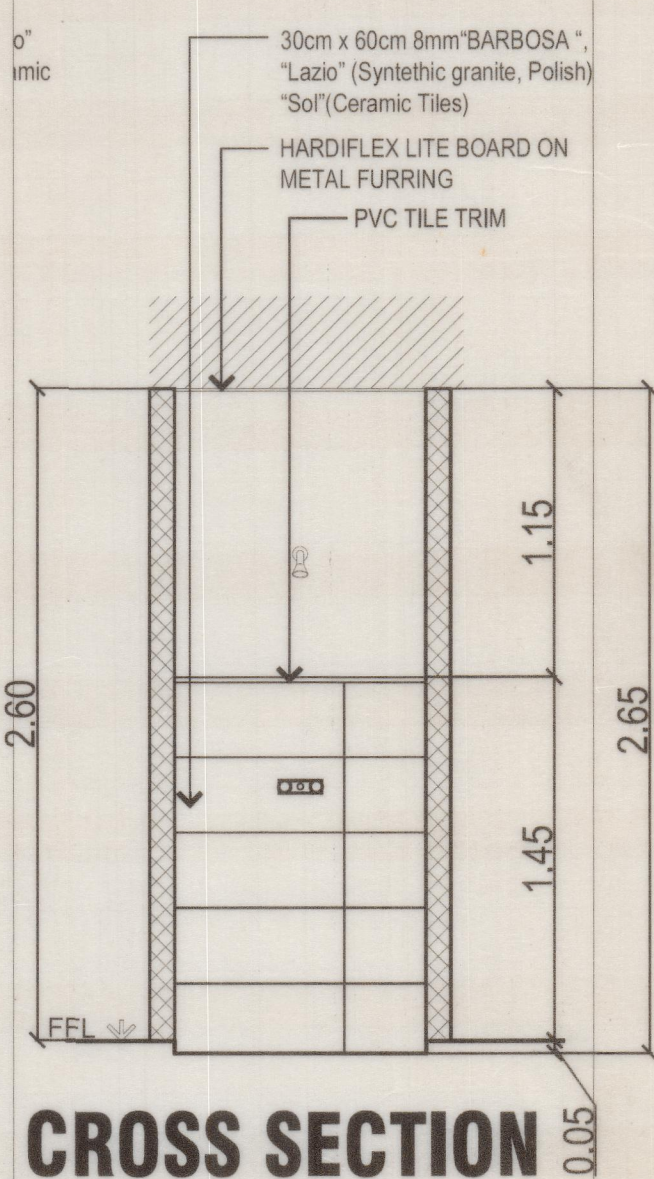
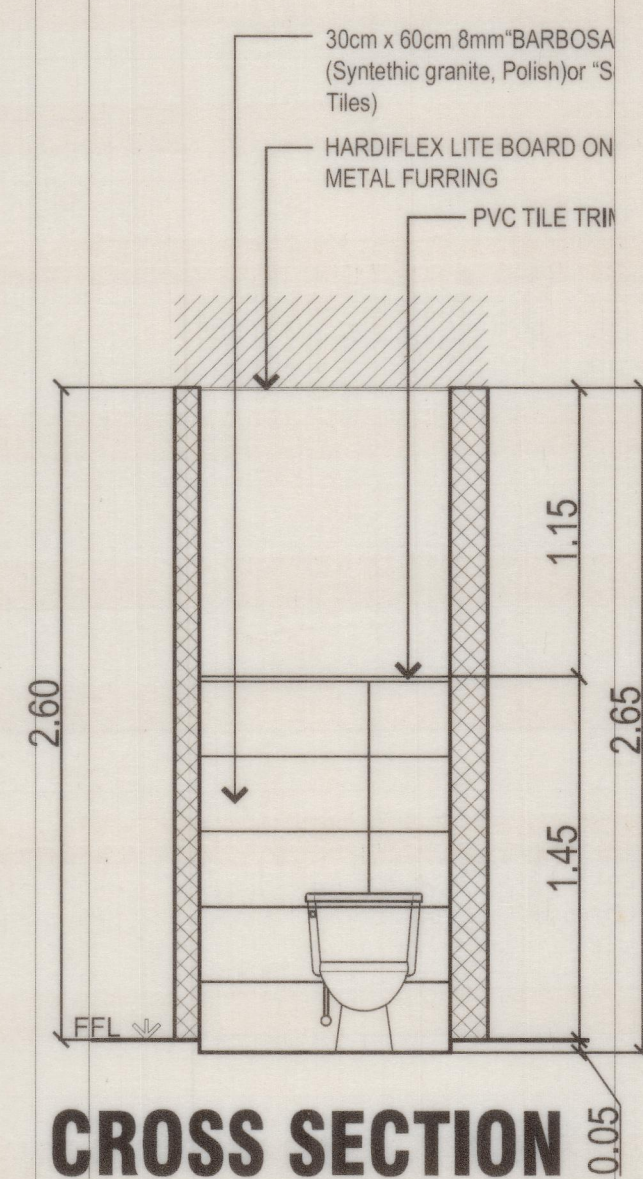
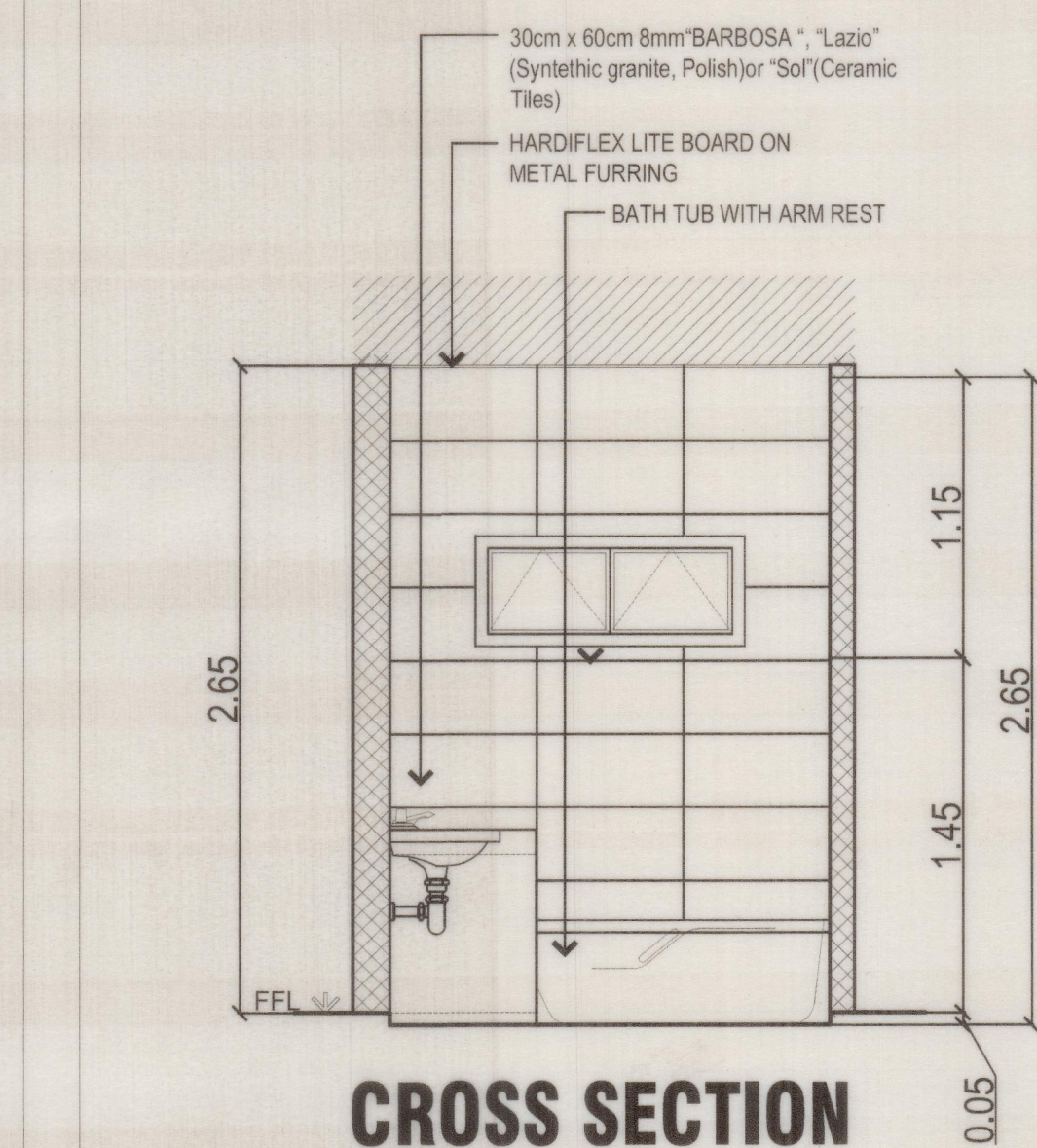
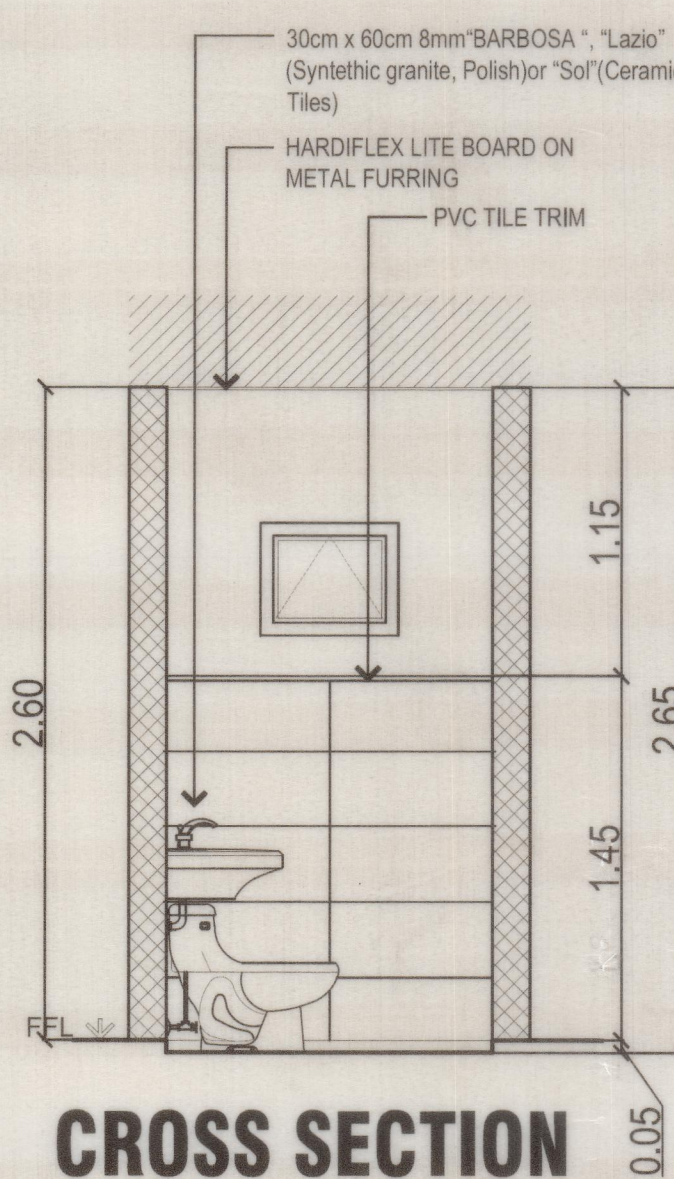
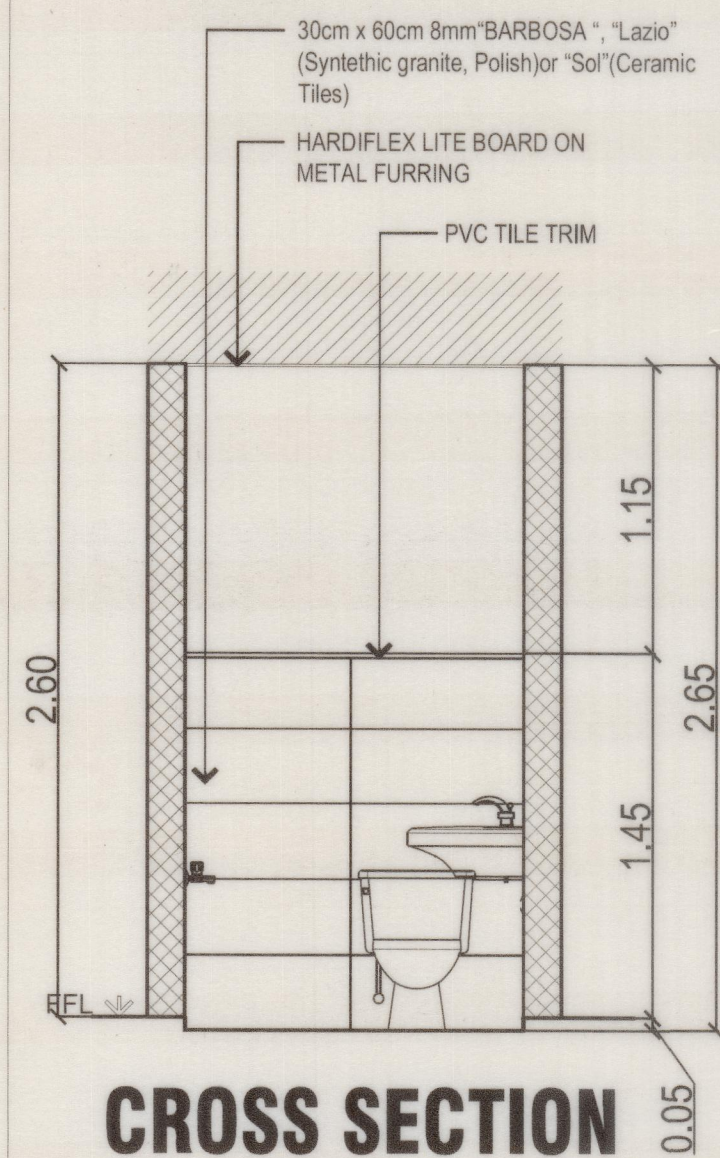
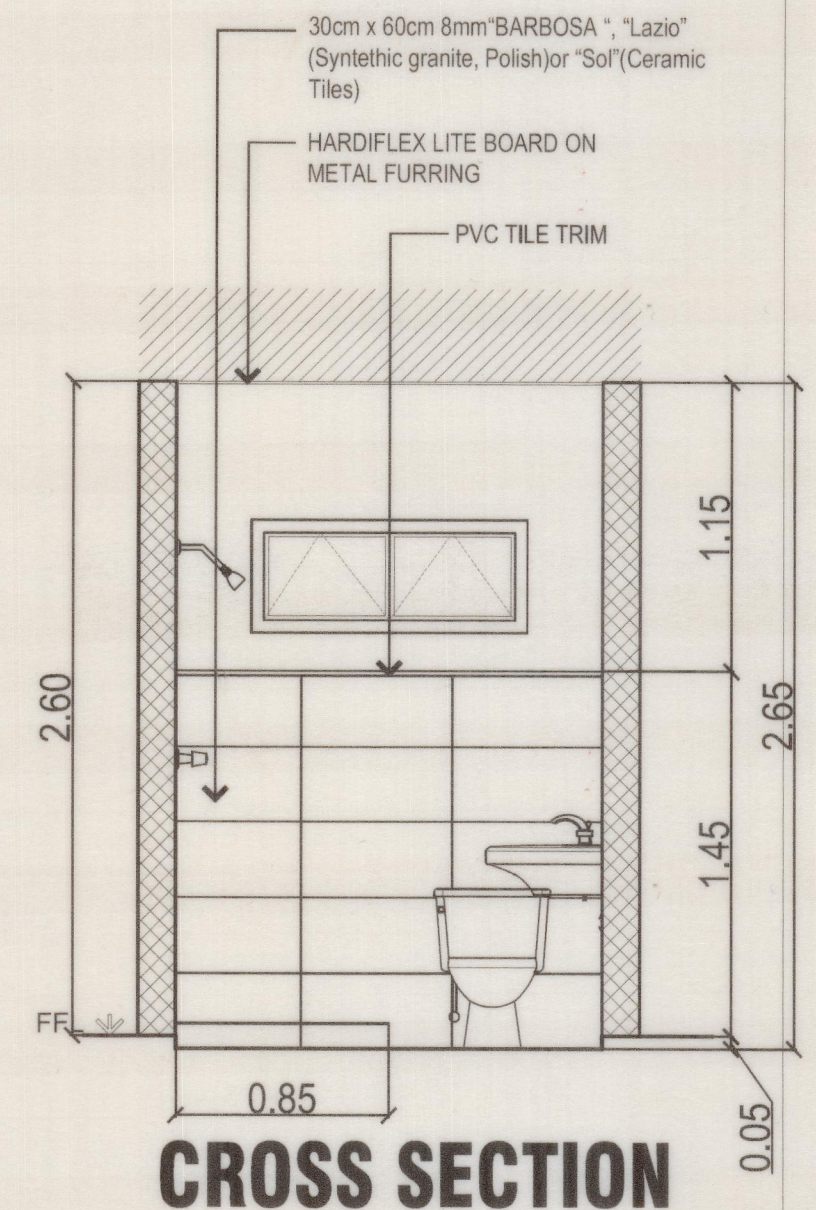
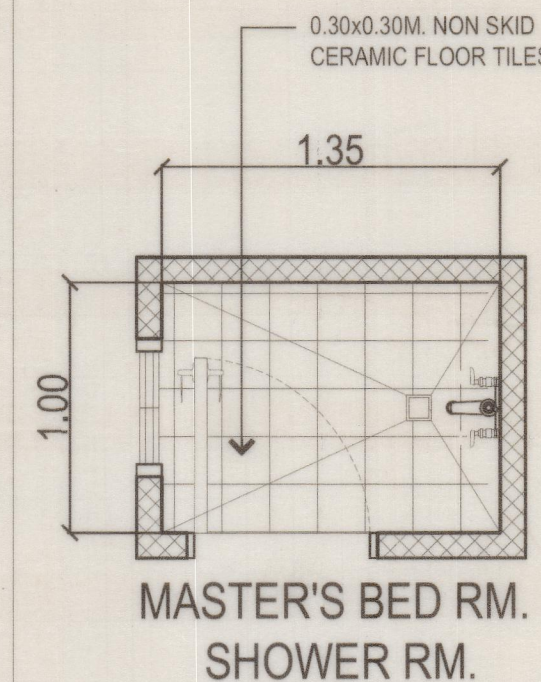
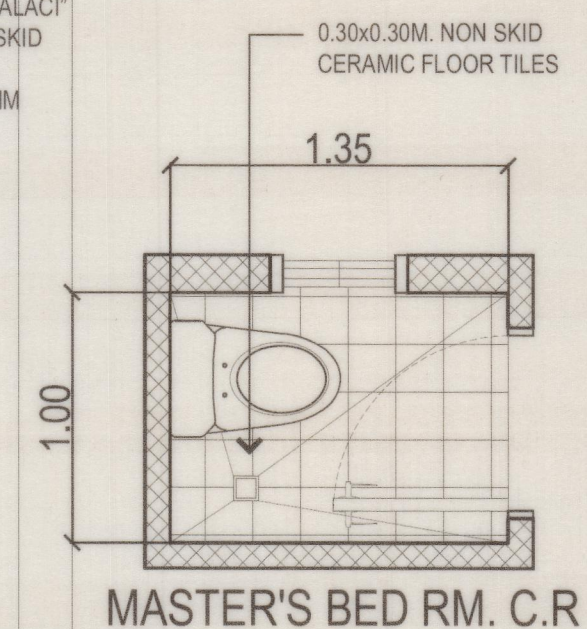
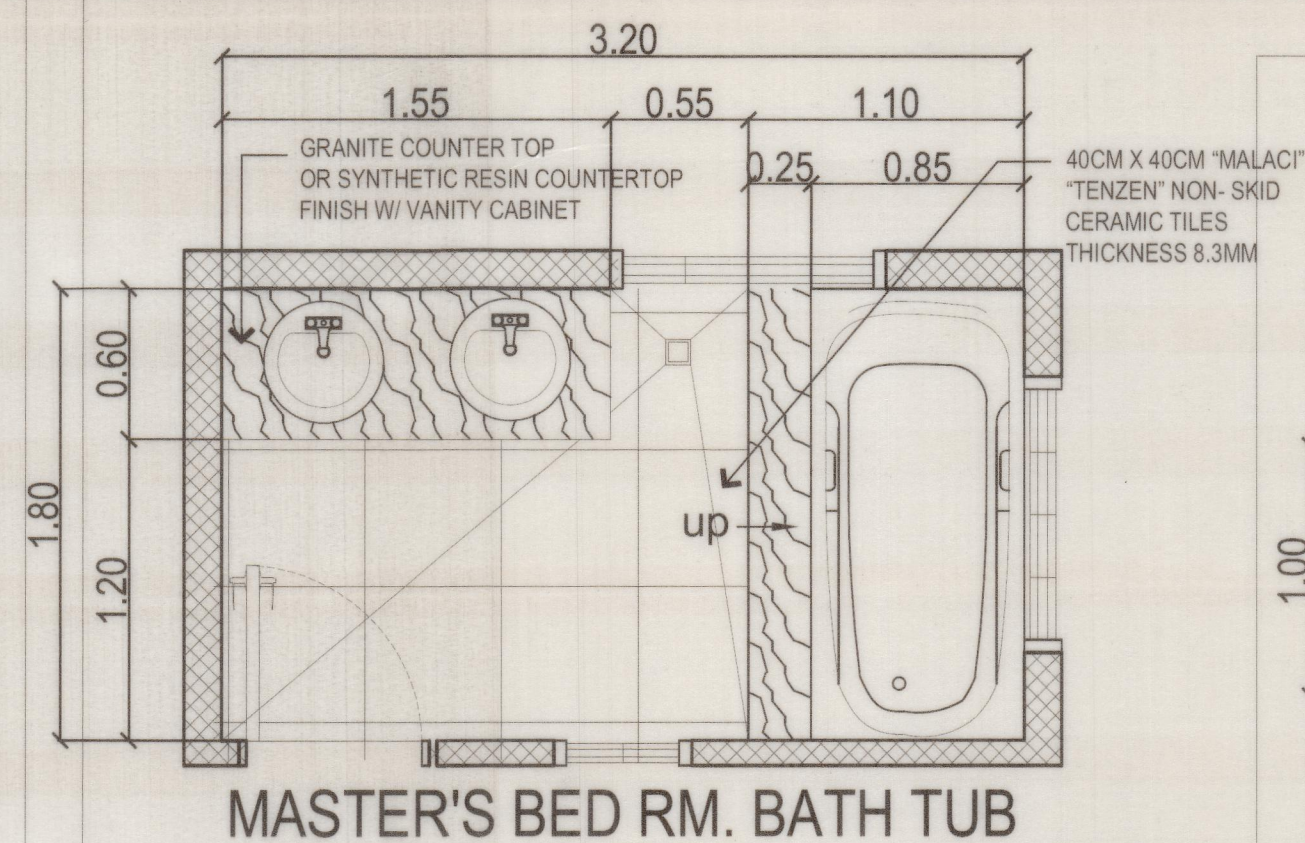
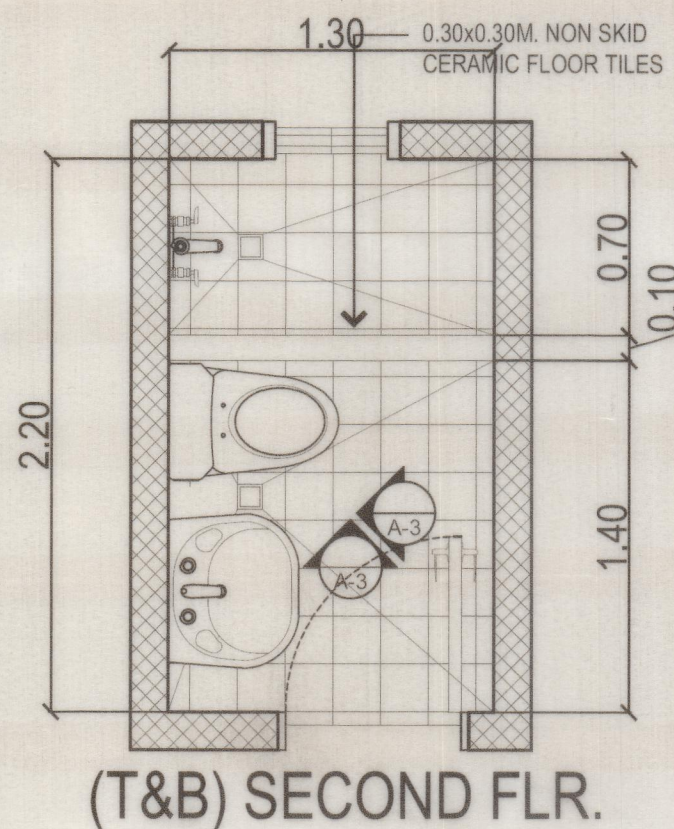
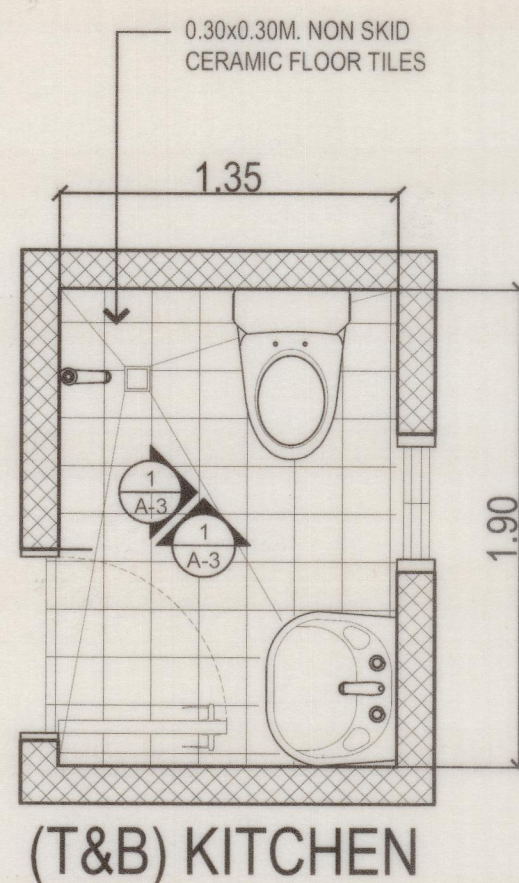
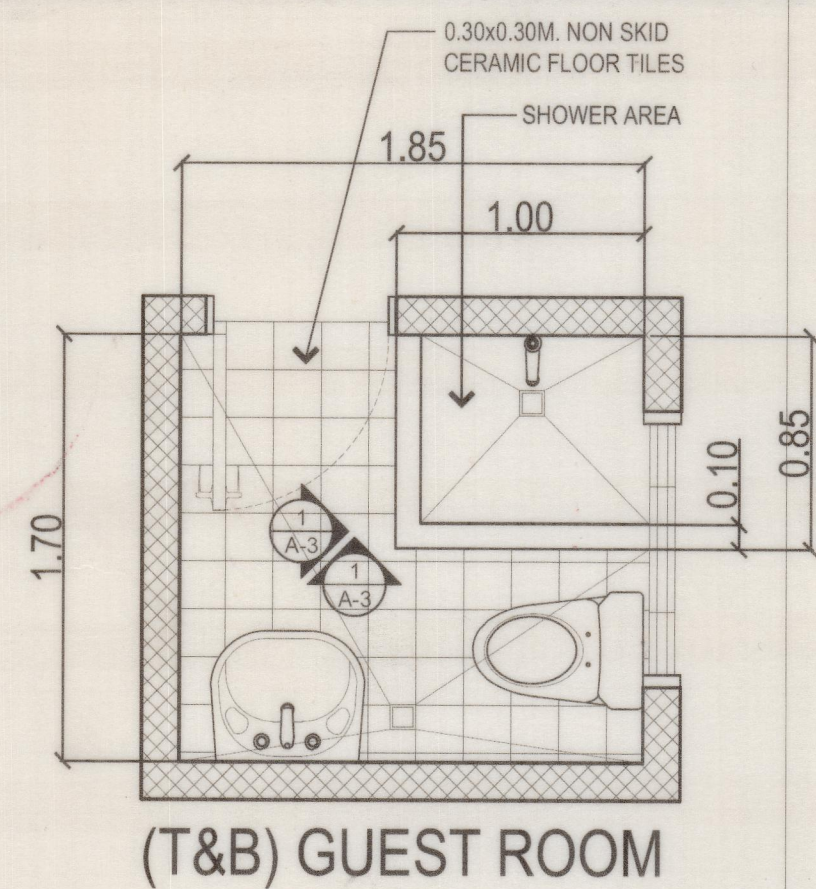


FRONT ELEVATION

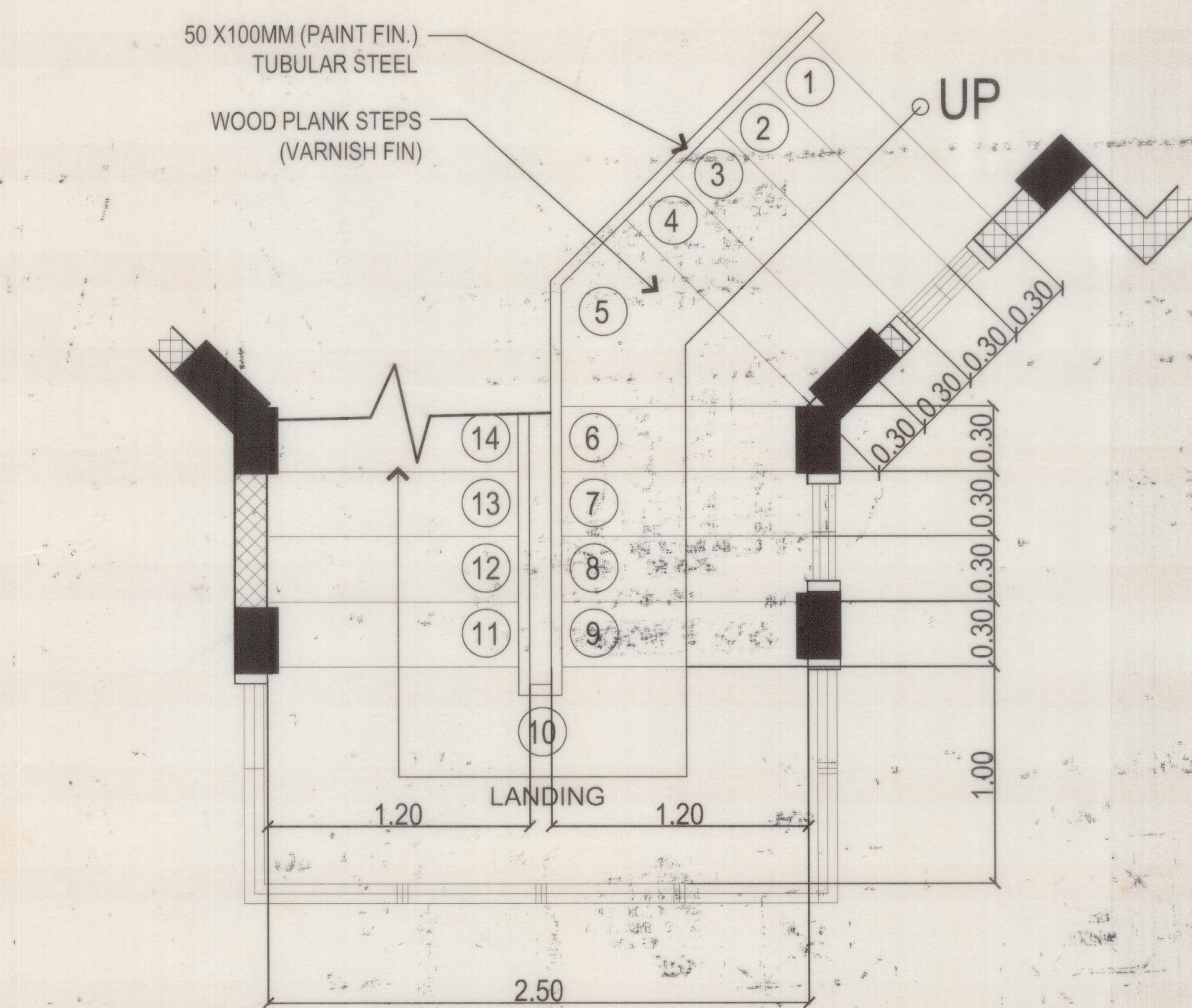


LEFT-SIDE ELEVATION

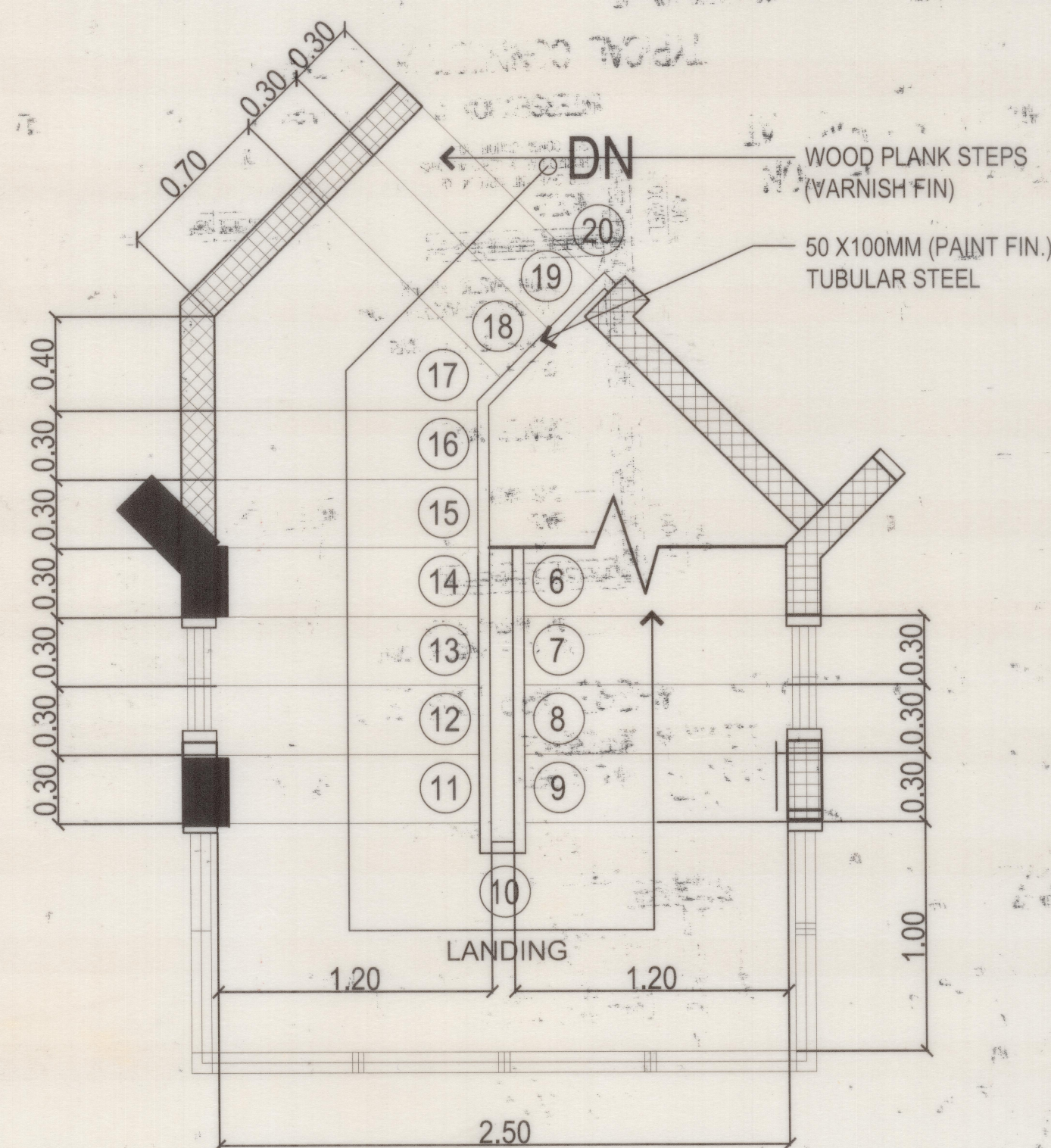
ARCHITECT AR. DAHNIEL C. TING		PROJECT TITLE / LOCATION PROPOSED TWO STOREY RESIDENTIAL KHN Block 7 Lot 39, Camaya coast, Brgy. Biaan, Mariveles, Bataan		OWNER		REVISIONS		REVISED BY	DATE	SHEET NO.				
PTR NO. 0157786		PRC REG. NO. 37928		SHEET CONTENTS SCHEDULE OF DOORS RAILING DETAIL		A				A-08				
ISSUED ON 1/25/2018		TIN 321-580-614				A								
ISSUED AT MALOLOS BULACAN		NOTE: THIS DRAWING, AS AN INSTRUMENT OF SERVICE, IS A PROPERTY OF THE ARCHITECT AND AS SUCH MUST NOT BE REPRODUCED OR COPIED IN PART OR IN WHOLE WITHOUT HIS CONSENT. ALL DRAWINGS ARE TO BE RETURNED WHEN NO LONGER IN USE.				A								
		REPUBLIC ACT 545				A								
						DESIGNER		EES	CADD BY	DCT	CHECKED BY	EES	DATE	APRIL-2017



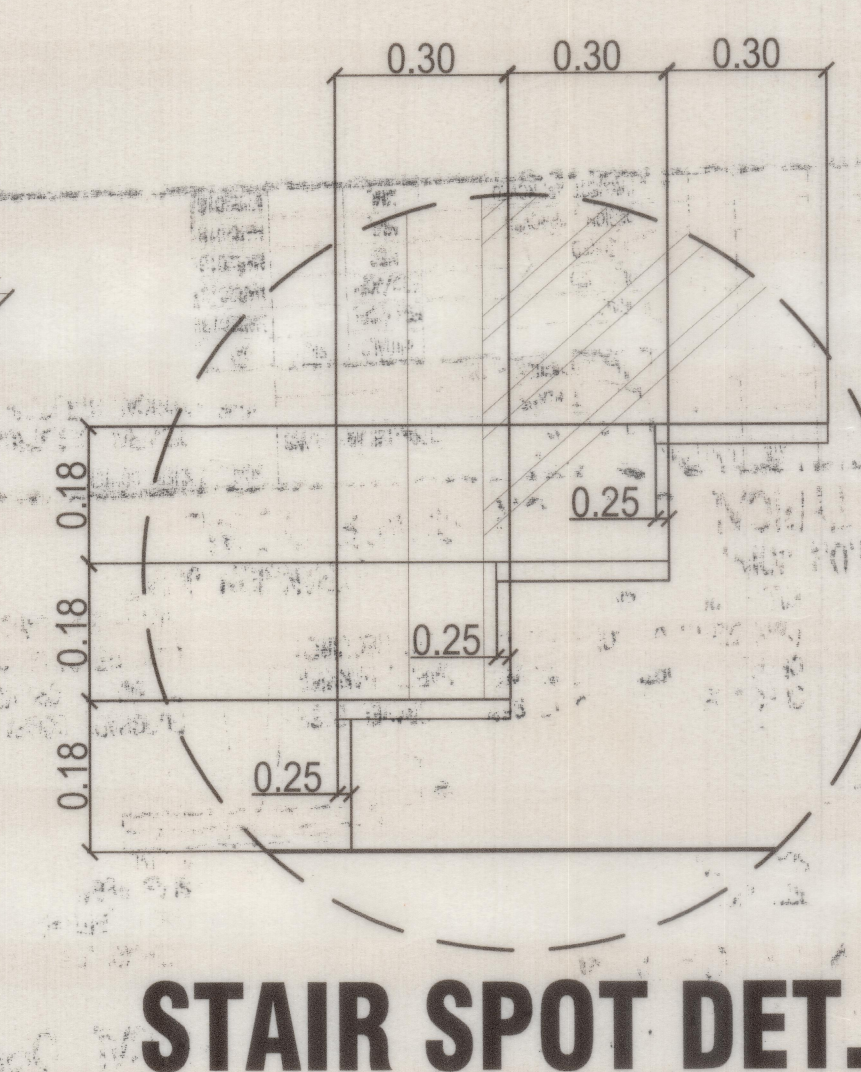
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AR. DAHNIEL C. TING		PROPOSED TWO STOREY RESIDENTIAL KHN Block 7 Lot 39, Camaya coast, Brgy. Biaan, Mariveles, Bataan		SHEET CONTENTS C.R. & T&B BLOW-UP DETAIL		A				A-09				
PTR NO. 0157786	PRC REG. NO. 37928	NOTE: THIS DRAWING, AS AN INSTRUMENT OF SERVICE, IS A PROPERTY OF THE ARCHITECT AND AS SUCH MUST NOT BE REPRODUCED OR COPIED IN PART OR IN WHOLE WITHOUT HIS CONSENT. ALL DRAWINGS ARE TO BE RETURNED WHEN NO LONGER IN USE.		REPUBLIC ACT 545		A								
ISSUED ON 1/25/2018	TIN 321-580-614					A								
ISSUED AT MALOLOS BULACAN						A								
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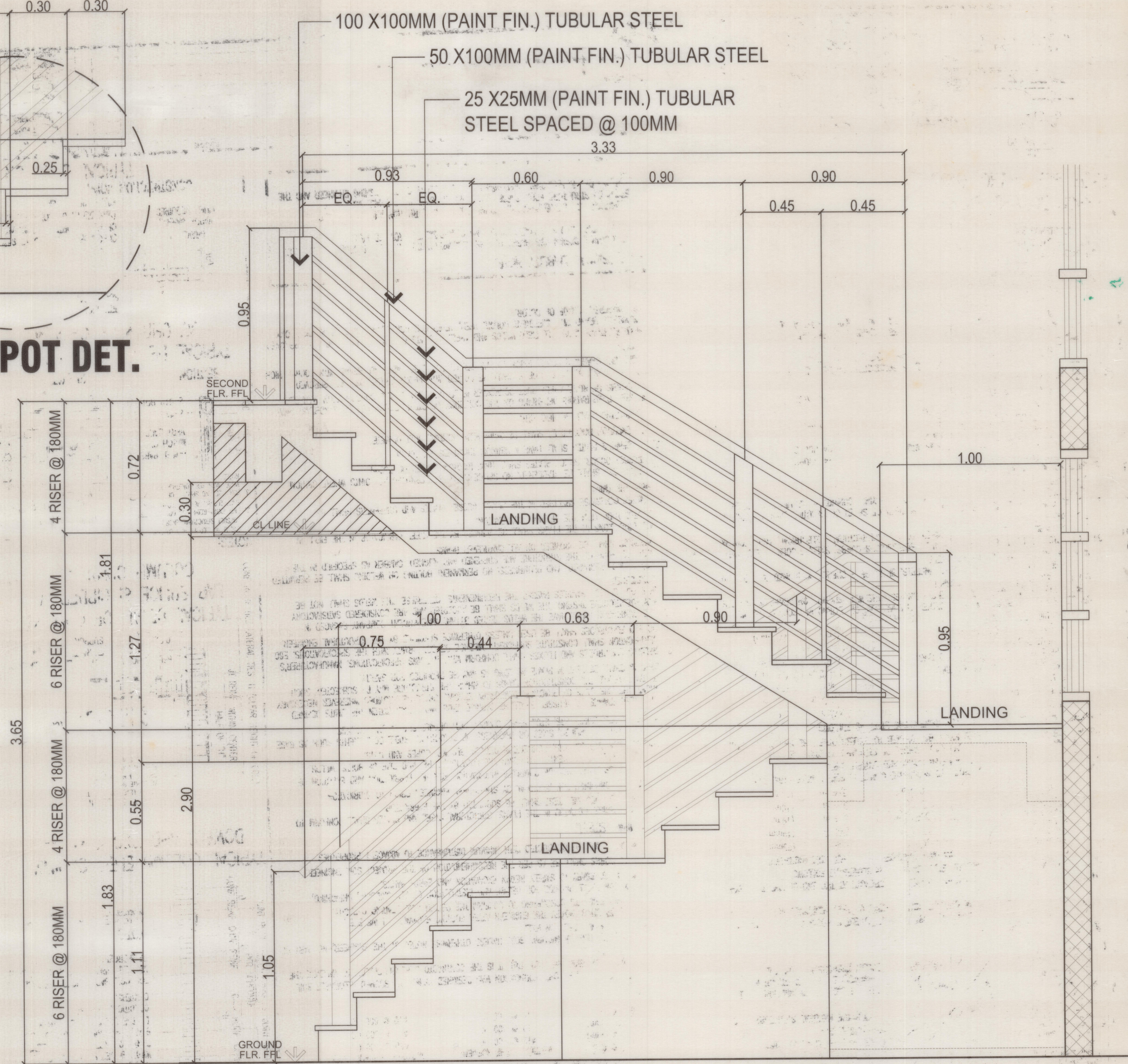
GRND FLR. STAIR BLOW-UP DETAIL



SECND FLR. STAIR BLOW-UP DETAIL



STAIR SPOT DET.



1 STAIRCASE DETAIL
A-10 SCALE: 1:15MTS.

ARCHITECT AR. DAHNIEL C. TING		PROJECT TITLE / LOCATION PROPOSED TWO STOREY RESIDENTIAL KHN Block 7 Lot '39, Camaya coast, Brgy. Biaan, Mariveles, Bataan		OWNER STAIRCASE DETAIL		REVISIONS		REVISED BY	DATE	SHEET NO.
PTR NO. 0157786	PRC REG. NO. 37928			SHEET CONTENTS						A-10
ISSUED ON 1/25/2018	TIN 321-580-614			GRND FLR. STAIR BLOW-UP DET.						
ISSUED AT MALOLOS BULACAN				SECND FLR. STAIR BLOW-UP DET.						
								DESIGNER	EES	
								CADD BY	DCT	
								CHECKED BY	EES	
								DATE	APRIL-2017	