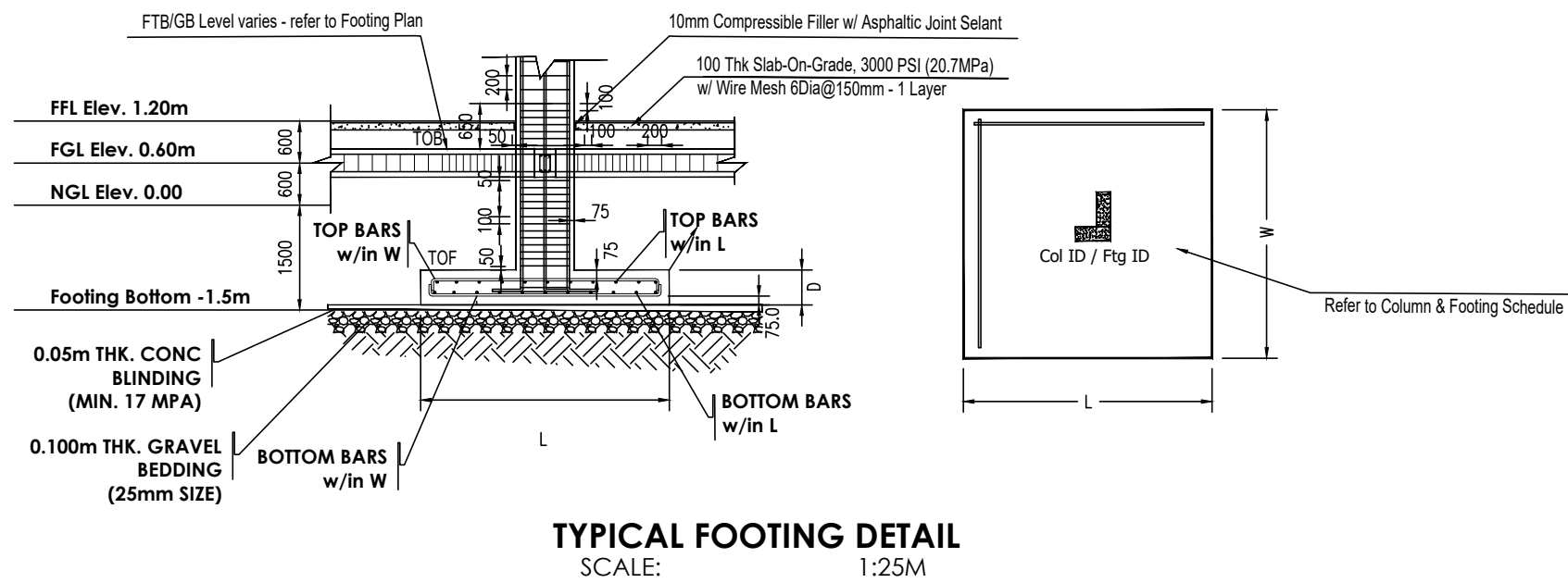
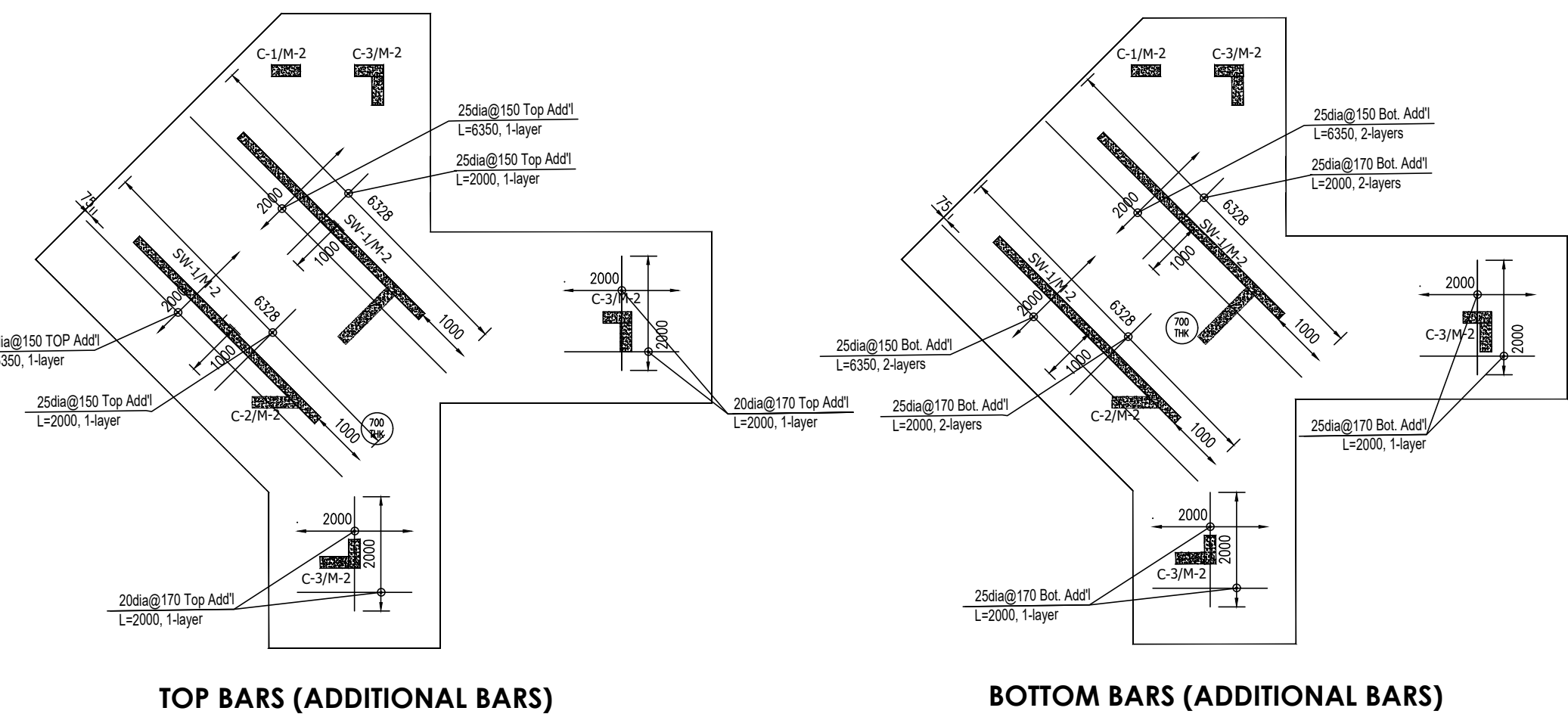


FOOTING PLAN

MARK	DIMENSION			REINFORCEMENT				BASE OF FOOTING	REMARKS
				TOP BARS		BOTTOM BARS			
	L (mm)	W (mm)	D (mm)	W/in L	W/in W	W/in L	W/in W		
M1	3000	8101	550	20mmØ @ 180	20mmØ @ 180 2-Layers	20mmØ @ 180	20mmØ @ 180 2-Layers	1500mm BELOW NGL	MAT
M2	on plan	on plan	700	25mmØ @ 170 +Add'l. on plan	25mmØ @ 170 +Add'l. on plan	25mmØ @ 170 +Add'l. on plan	25mmØ @ 170 +Add'l. on plan	1500mm BELOW NGL	MAT
M3	8624	3000	450	16mmØ @ 200	16mmØ @ 200	16mmØ @ 200	16mmØ @ 200	1500mm BELOW NGL	MAT
F1	3100	3100	450	16mmØ @ 200	16mmØ @ 200	16mmØ @ 200	16mmØ @ 200	1500mm BELOW NGL	ISOLATED
F2	2450	2450	400	16mmØ @ 200	16mmØ @ 200	16mmØ @ 200	16mmØ @ 200	1500mm BELOW NGL	ISOLATED



01 FOUNDATION PLAN  
SCALE: 1:100 m



SCHEDULE OF FOOTING TIE BEAM/GROUND BEAM, STIRRUPS, COLUMNS, TIES & SHEAR WALL				
FTB / GB STIRRUP	10mmØ STIRRUP	FTB/GB CLEAR LENGTH=7000 to 8200m: 10 mm Ø STIRRUP 1@50, 20@100, REST @ 200	FTB/GB CLEAR LENGTH=5000 to <7000m: 10 mm Ø STIRRUP 1@50, 15@100, REST @ 200	
FOOTING TIE BEAM (TB) /GROUND BEAM (GB)	3-16mmØ Top 3-16mmØ Bot.	FTB/GB CLEAR LENGTH=3000 to <5000mm: 10 mm Ø STIRRUP 1@50, 10@100, REST @ 200	FTB/GB CLEAR LENGTH=2000-<3000mm: 10 mm Ø STIRRUP 1@50, 5@100, REST @ 200	
COLUMN TIES BELOW SOFFIT OF FTB/GB	10 mm Ø @ 100 plus ties below top of footing - 5 ties at 400-450mm thk, 6 ties at 550mm thk & 8 ties at 700 thk	10 mm Ø @ 100 plus ties below top of footing - 5 ties at 400-450mm thk, 6 ties at 550mm thk & 8 ties at 700 thk	10 mm Ø @ 100 plus ties below top of footing - 5 ties at 400-450mm thk, 6 ties at 550mm thk & 8 ties at 700 thk	10 mm Ø @ 100 plus ties below top of footing - 5 ties at 400-450mm thk, 6 ties at 550mm thk & 8 ties at 700 thk
COLUMN TIES (plus refer to above)	10mmØ TIES @200	10mmØ TIES @200	10mmØ TIES @200	10mmØ TIES @200
COLUMNS (TOP OF FOOTING TO TOP GF FFL)	VERTICAL BARS: 8-16mmØ	VERTICAL BARS: 6-16mmØ	VERTICAL BARS: 12-20mmØ	
SHEAR WALL (TOP OF FOOTING TO TOP GF FFL)	4-16mm dia Vert. corner bars 10mm link @every 1m alternate	4-16mm dia Vert. corner bars 12mm Hor. @200mm o.c.	4-16mm dia Vert. corner bars 12mm Vert. @200mm o.c.	

- NOTES:
- ALL DIMENSIONS ARE IN MILLIMETERS, LEVELS IN METERS UNLESS NOTED OTHERWISE.
  - CONCRETE STRENGTH - 28 MPA (4000 PSI) AT 28th-DAY STRENGTH.
  - REINFORCEMENT BARS - 275 MPA (GR. 40) - 12mm diameter or less 413 MPA (GR. 60) - 16mm diameter or more

- LEGENDS:
- CONCRETE
  - CHB
  - FOOTING THICKNESS
  - ELEV. 0.80 - LEVEL ASSIGNMENT
  - TOP - TOP OF FOOTING
  - TOB - TOP OF TIE OR GROUND BEAM

- REFERENCES:
- ST-101 - GENERAL NOTES & SPECIFICATIONS
  - ST-102 - FOUNDATION PLAN, SCHEDULE & DET.
  - ST-103 - 2ND ROOF FLOOR FRAMING/DETAILS
  - ST-104 - ROOF DECK FRAMING & DETAILS



DESIGNER & IN-CHARGE OF CONSTRUCTION:		DESIGNER & IN-CHARGE OF CONSTRUCTION:	
HILARIO A. CUEVA Civil Engineer			
PRC NO.: 0054094	DATE : 12/22/1987	PRC NO.:	DATE :
PTR NO.: BCE6439752	DATE : 1/03/2020	PTR NO.:	DATE :
TIN: 902-986-429-000	PLACE: PASIG CITY	TIN:	PLACE:

CALINGA RESIDENCE  
HOME RENOVATION  
NIA ROAD, BAYANAN, BACOR CITY, CAVITE

MRS. JUANITA C. CALINGA  
OWNER  
168 NIA ROAD, BAYANAN, BACOR CITY, CAVITE

REVISIONS				
REV.No	DATE	DESCRIPTION	PREPARED	CHECKED
REV00	10/04/20	BUILDING PERMIT	FP	HC

CONTENTS:  
FOUNDATION PLAN, SCHEDULE & DETAIL

SHEET NO.  
ST-102

FOR BUILDING PERMIT