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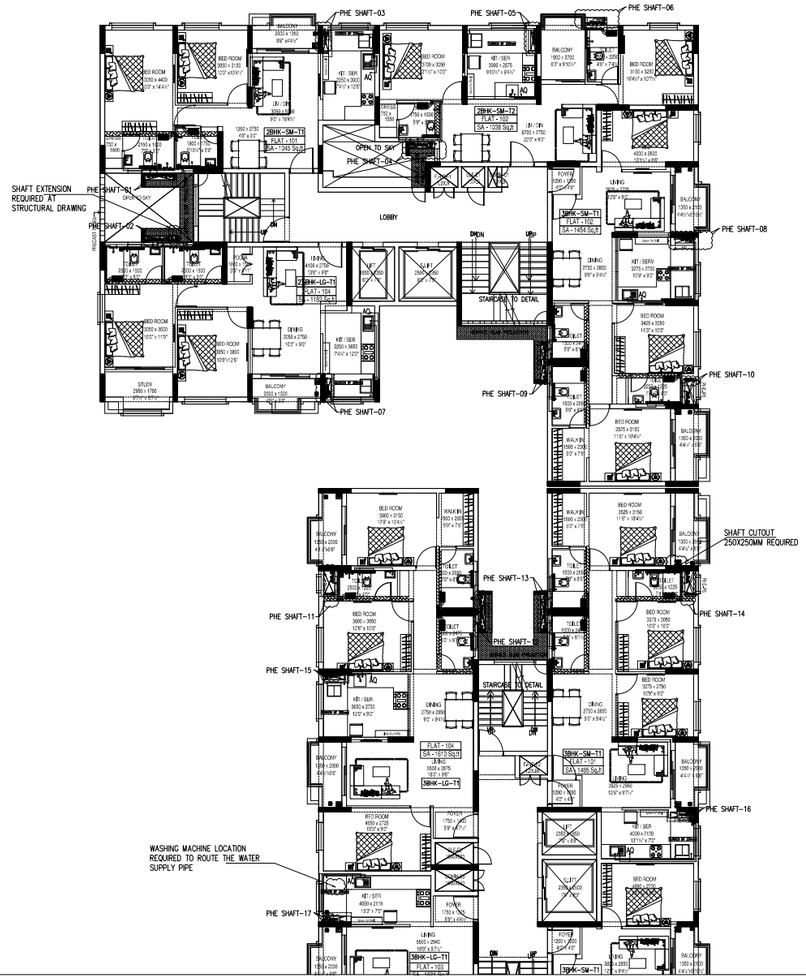
3/350/2 Mettukuppam,
OMR Thoraipakkam,
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hello@verified.realestate
+91 9996 12 9996
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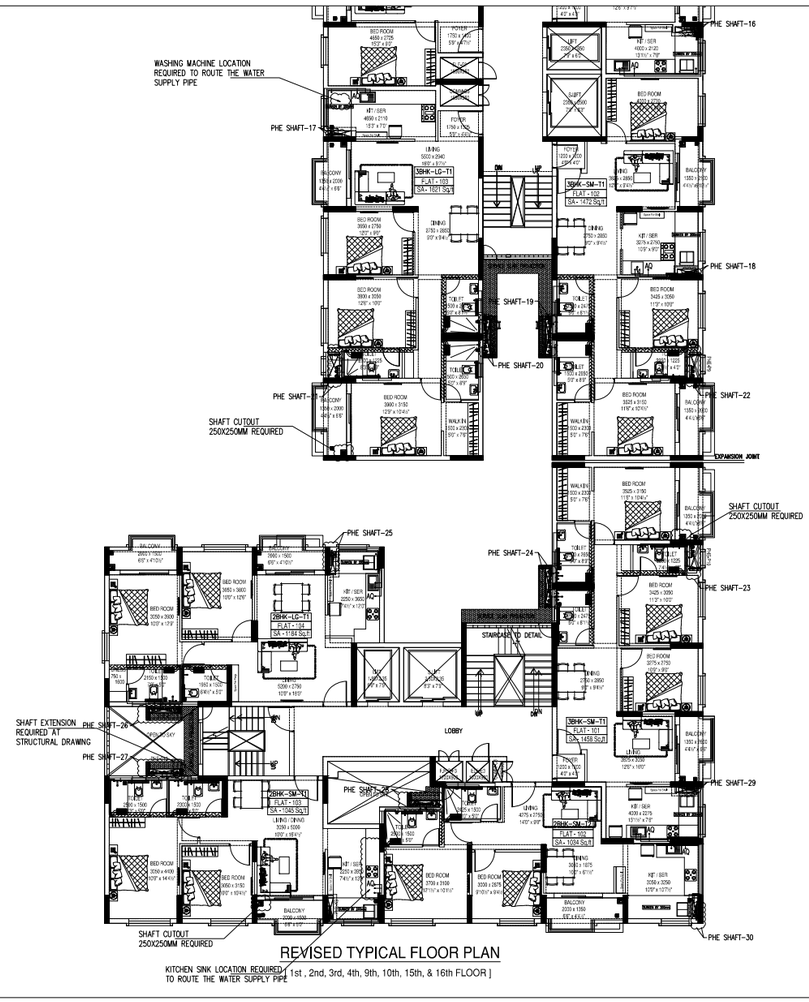
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PART A



REVISED TYPICAL FLOOR PLAN

[1st , 2nd, 3rd, 4th, 9th, 10th, 15th, & 16th FLOOR]

PART B

PLAN – LAYOUT OF WATER SUPPLY PIPE ARRANGEMENTS AT TYPICAL FLOOR PLAN 1st,2nd,3rd,4th,9th,10th,15th & 16th FLOOR

SYMBOL	DESCRIPTION OF SYMBOL
	WALLHUNG EUROPEAN WATER CLOSET WITH DUAL FLUSHING CISTERN (EXPOSED TANK)
	RECTANGULAR WASHBASIN
	SINGLE BOWL SINK WITH DRAIN BOARD
	WASHING MACHINE
	SHOWER ARM & ROSE DR – DIVERTOR AT 4'-0" ABOVE FFL WM – WALLMIXER AT 3'-0" ABOVE FFL OVERHEAD SHOWER AT 6'-9" ABOVE FFL
SYMBOL	DESCRIPTION OF SYMBOL
HWS	HOT WATER SUPPLY PIPE
TES	TREATED EFFLUENT SUPPLY PIPE
DWS (P)	DOMESTIC WATER SUPPLY PIPE (PRESSURIZED MAIN)
BV	BALL VALVE

NOTES:

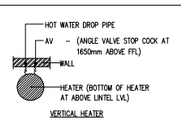
01 – USE CPVC SDR 13.5 & 11 GRADE FOR INTERNAL COLD & HOT WATER SUPPLY PIPES RESPECTIVELY.
02 – AVOID USING CI EXTENSION NIPPLES FOR CONNECTING WITH C.P. FITTINGS.
03 – DOMESTIC WATER WILL BE USED FOR HEALTH FAUCETS, WASHBASIN, SINK, WASHING MACHINE & SHOWER
04 – TREATED WATER WILL BE USED FOR FLUSHING CISTERN.
05 – METRO WATER WILL BE USED FOR DRINKING & COOKING.
06 – HOT WATER WILL BE USED FOR SHOWER ONLY.
07 – PROVIDE CONTROL VALVE ON ALL BRANCH RISER/DROP PIPES AT ACCESSIBLE LOCATION
08 – ALL WATER SUPPLY PIPES ARE TO BE HYDRAULICALLY TESTED TO 7Kg/ SQ.Cm OR 1.5 TIMES OF THE WORKING PRESSURE, WHICH EVER IS HIGHER TO MINIMUM OF 60 MINUTES.
09 – BEFORE PROCEEDING WITH INTERNAL WATER SUPPLY WORK, CONTRACTOR TO VERIFY THE INLET & OUTLET OF THE SELECTED SANITARY WARES & C.P.FITTINGS. NO WORK ARE TO BE CARRIED OUT WITHOUT HAVING THE SAMPLE OF ALL – THE TYPE OF THE SAME AT SITE
10 ALL PIPES WILL BE SUPPORTED IN WALL
11 – ALL WATER SUPPLY PIPES ARE TO BE HYDRAULICALLY TESTED TO 7Kg/SQ.Cm OR 1.5 TIMES OF THE WORKING PRESSURE, WHICH EVER IS HIGHER TO MINIMUM OF 60 MINUTES.

MATERIAL TO BE USED:

- WATER SUPPLY PIPES (INTERNAL) – CPVC SDR 13.5 FOR COLD WATER; CPVC SDR 11 FOR HOT WATER
- WATER SUPPLY PIPES (SHAFT & TERRACE) – UPVC SCH' 40 / 80
- WATER SUPPLY PIPES (BURIED) – UPVC SCH' 80

LEVELS FOR SANITARY FITTINGS:

FC	–	FLUSHING CISTERN (CONCEALED)
AV/HFBC	–	ANGLE VALVE STOP COCK AT 1'-8" ABOVE FFL TO CONNECT HEALTH FAUCET BIBCOCK
AV/WB	–	ANGLE VALVE STOP COCK AT 1'-8" ABOVE FFL TO CONNECT WASH BASIN
CSC	–	CONCEALED STOP COCK AT 5'-6" ABOVE FFL



VERTICAL HEATER

ABBREVIATIONS:–

HFBC	–	HEALTH FAUCET BIBCOCK
FC	–	FLUSHING CISTERN
WB	–	WASHBASIN
WM	–	WASHING MACHINE
SH	–	SHOWER
CSC	–	CONCEALED STOPCOCK
AG	–	AQUAGUARD

WING 2

GENERAL NOTES

KEY PLAN

PART A

PART B

NO.	REVISION/ISSUE	DATE	DRAWN
R0	ISSUED FOR APPROVAL	26.06.2024	SADIQUE

PROJECT TITLE:
Proposed Residential Building
"S&P NEW HAVEN RIBBON WALK"
For M/S. S&P FOUNDATIONS,
At Mambakkam Wing 2 & 7, Chennai.

ARCHITECT:
ANBU & FAIZAL
Architects and Interior Designers
OFF-3 , II FLOOR 'AMAR SINDUR'
43, PANTHEON ROAD,
EGMORE, CHENNAI : 600 008
Phone - 044 - 2855 4262 , 044 - 2841 0888.
E-mail :- anbu.faizal@gmail.com
Web :- anbuandfaizal.com

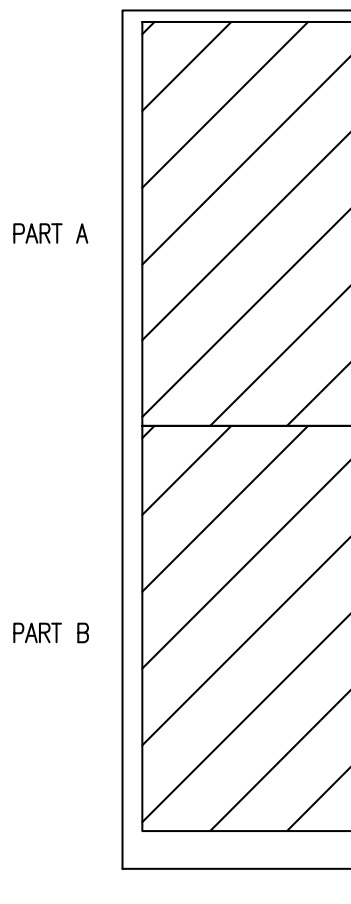
Balu & Associates
Public Health Engineers & Fire Fighting Consultants
No.10/5, Second Floor, Mahalakshmi Street,
Tambaram East, Chennai-600 059. Telefax : Ph : 044 -2239 2178
E.mail : engineering@balunassociates.com &
balu_associates@yahoo.co.in
Website : www.balunassociates.com

DRAWING TITLE:
PLAN - LAYOUT OF WATER SUPPLY PIPE ARRANGEMENTS AT TYPICAL FLOOR PLAN 1st,2nd,3rd,4th,9th,10th,15th & 16th FLOOR

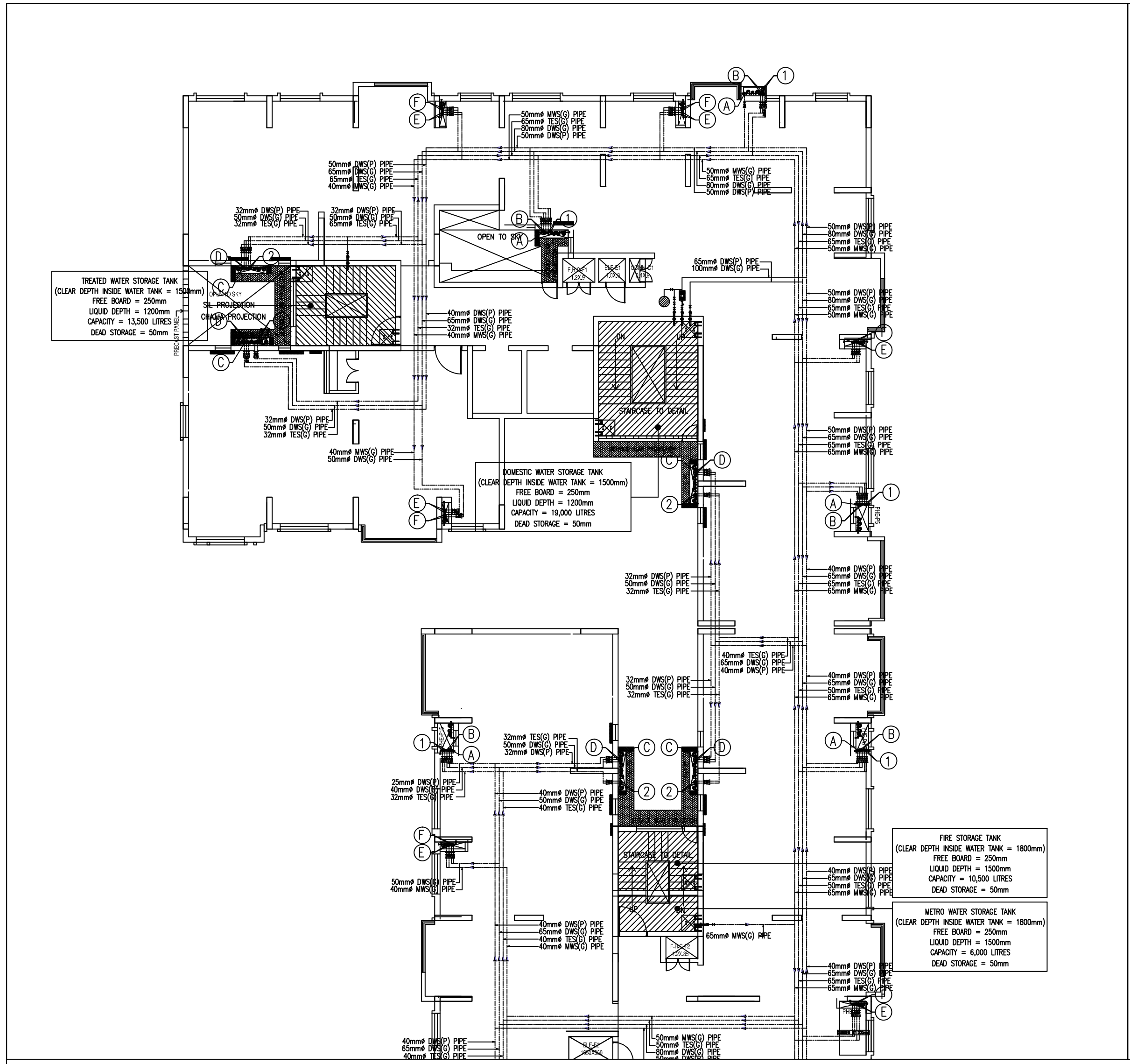
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DRAWN BY : SADIQUE	
CHECKED BY : SARATH	NORTH POINT:
SCALE : A1 = 1:80, A3 = 1:160	
DATE : 26.06.2024	

GENERAL NOTES

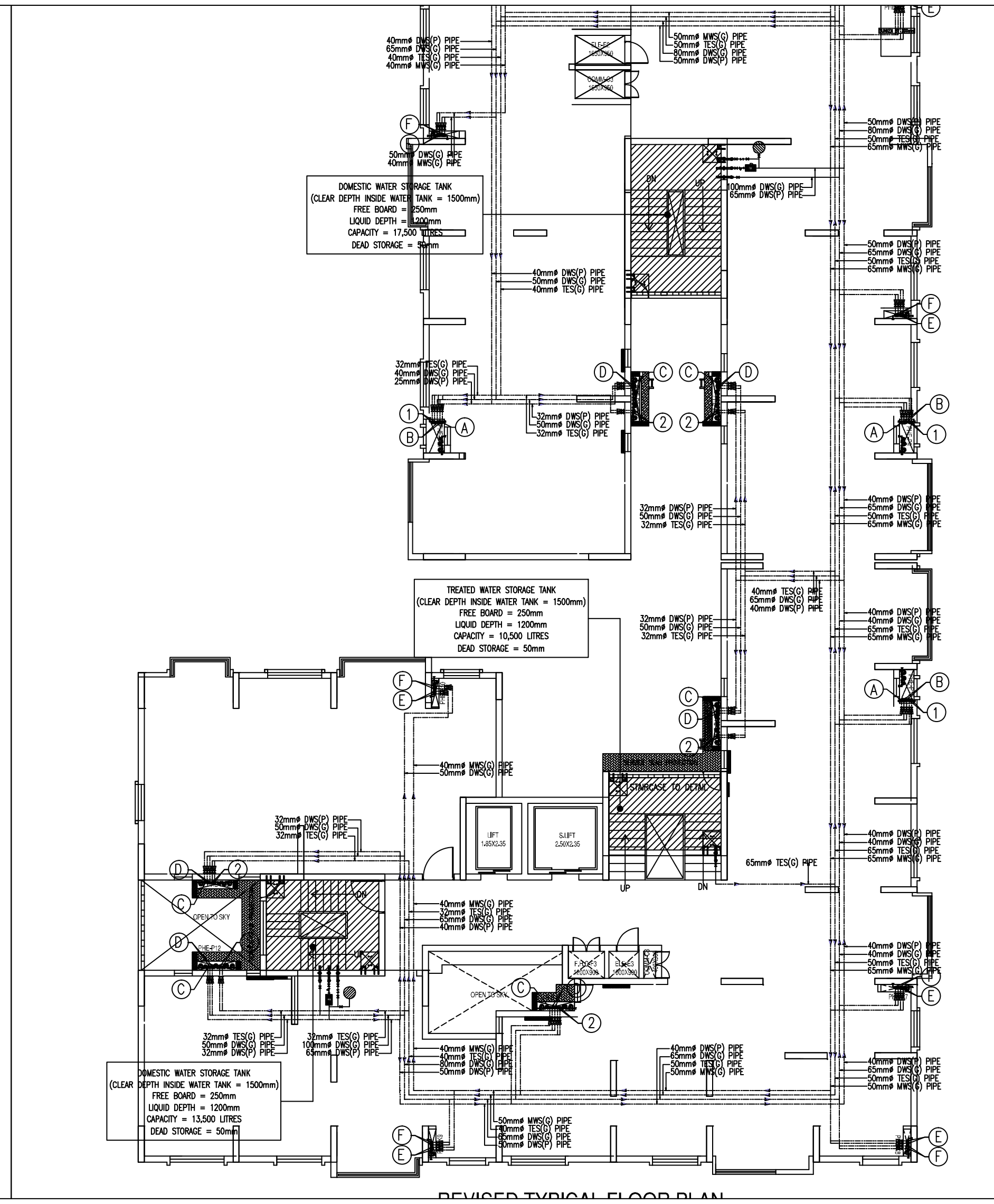
KEY PLAN



R0	ISSUED FOR APPROVAL	26.06.2024	SADIQUE
NO.	REVISION/ISSUE	DATE	DRAWN



PART A



PART B

PLAN – LOCATION OF DOMESTIC WATER & TREATED EFFLUENT TANK AND TERRACE PIPING

DETAILS OF WATER SUPPLY DROP PIPES

FLOORS: DOMESTIC WATER SUPPLY PIPE (PRESSURIZED MAIN & GRAVITY) & TREATED EFFLUENT WATER SUPPLY PIPE (BY GRAVITY)

TERRACE FLOOR: MWS(G), TES(G), DWS(G), DWS(P) mains with BV branches – 32mmø, 40mmø, 32mmø, 50mmø, 32mmø, 40mmø, 32mmø, 40mmø

FLOORS														
SIXTEENTH FLOOR	25mmø	40mmø	40mmø	32mmø	50mmø	50mmø	32mmø	32mmø	40mmø	40mmø	32mmø	32mmø	40mmø	40mmø
FIFTEENTH FLOOR	25mmø	40mmø	40mmø	32mmø	50mmø	50mmø	32mmø	32mmø	40mmø	40mmø	32mmø	32mmø	40mmø	40mmø
FOURTEENTH FLOOR	20mmø	40mmø	40mmø	25mmø	50mmø	50mmø	32mmø	32mmø	40mmø	40mmø	25mmø	32mmø	32mmø	40mmø
THIRTEENTH FLOOR		40mmø	40mmø		50mmø	50mmø	25mmø	32mmø	32mmø	40mmø	25mmø	32mmø	32mmø	40mmø
TWELTH FLOOR		40mmø	40mmø		50mmø	50mmø	25mmø	32mmø	32mmø	40mmø	25mmø	32mmø	25mmø	40mmø
ELEVENTH FLOOR		32mmø	40mmø		40mmø	50mmø	25mmø	32mmø	25mmø	40mmø	20mmø	32mmø	25mmø	40mmø
TENTH FLOOR		32mmø	40mmø		40mmø	50mmø	20mmø	32mmø	25mmø	40mmø	20mmø	32mmø	20mmø	40mmø
NINTH FLOOR		25mmø	40mmø		32mmø	50mmø	20mmø	32mmø	20mmø	40mmø	20mmø	32mmø	20mmø	40mmø

FLOORS	(A)		(B)		(C)		(D)		(E)		(F)		(1)		(2)	
TENTH FLOOR			32mmø	40mmø			40mmø	50mmø	20mmø	32mmø	25mmø	40mmø	20mmø	32mmø	20mmø	40mmø
NINTH FLOOR			25mmø	40mmø			32mmø	50mmø	20mmø	32mmø	20mmø	40mmø	20mmø	32mmø	20mmø	40mmø
EIGHTH FLOOR			25mmø	40mmø			32mmø	50mmø	32mmø		40mmø		32mmø		40mmø	
SEVENTH FLOOR			20mmø	40mmø			25mmø	50mmø	32mmø		40mmø		32mmø		40mmø	
SIXTH FLOOR			40mmø				50mmø		32mmø		40mmø		25mmø		32mmø	
FIFTH FLOOR			32mmø				40mmø		25mmø		32mmø		25mmø		32mmø	
FOUR FLOOR			32mmø				40mmø		25mmø		32mmø		25mmø		25mmø	
THIRD FLOOR			25mmø				32mmø		25mmø		25mmø		20mmø		25mmø	
SECOND FLOOR			25mmø				32mmø		20mmø		25mmø		20mmø		20mmø	
FIRST FLOOR			20mmø				25mmø		20mmø		20mmø		20mmø		20mmø	
DROP PIPES	(A) DROP		(B) DROP		(C) DROP		(D) DROP		(E) DROP		(F) DROP		(1) DROP		(2) DROP	
	SINGLE TOILET		SINGLE TOILET		TWIN TOILET		TWIN TOILET		KITCHEN/SERVICE		KITCHEN/SERVICE		SINGLE TOILET		TWIN TOILET	

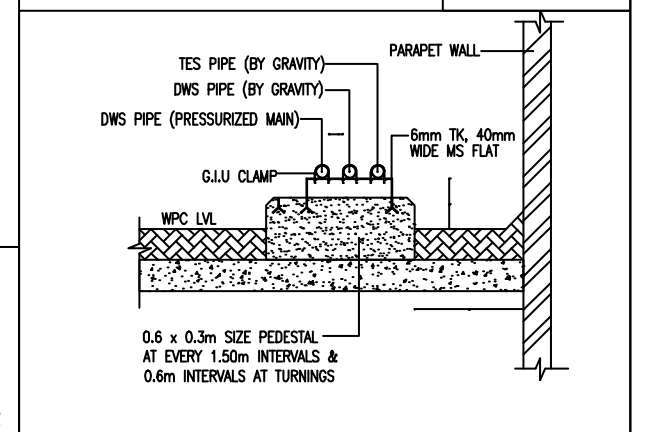
SYMBOLS:-

Symbol		Description
DWS(P)	–	DOMESTIC WATER SUPPLY PIPE (BY PRESSURISED SYSTEM)
DWS(G)	–	DOMESTIC WATER SUPPLY PIPE (BY GRAVITY)
MWS(G)	–	METRO WATER SUPPLY PIPE (BY GRAVITY)
TES(G)	–	TREATED EFFLUENT SUPPLY PIPE (BY GRAVITY)
NRV	–	NON RETURN VALVE
BV	–	BELOW 50mmø – BALL VALVE ABOVE 50mmø – BUTTERFLY VALVE
	–	PIPE SIZE REDUCER
ST	–	STRAINER

NOTES FOR TERRACE PIPING:

1. USE uPVC SCHEDULE 80/40 AQUAGOLD uPVC PIPE FOR COLD WATER AT TERRACE AND SHAFT AREAS.
2. PROVIDE SUPPORTS FOR PIPES AT EVERY 1.50M INTERVALS.
3. BALL VALVE/BUTTERFLY VALVE NEED TO BE PROVIDED IN EACH VERTICAL WATER SUPPLY DROP PIPES FROM OVERHEAD WATER TANK AT ACCESSIBLE LOCATION.

WING 2



TYPICAL CROSS SECTION DETAIL OF PIPES SUPPORT AT SLAB LEVEL

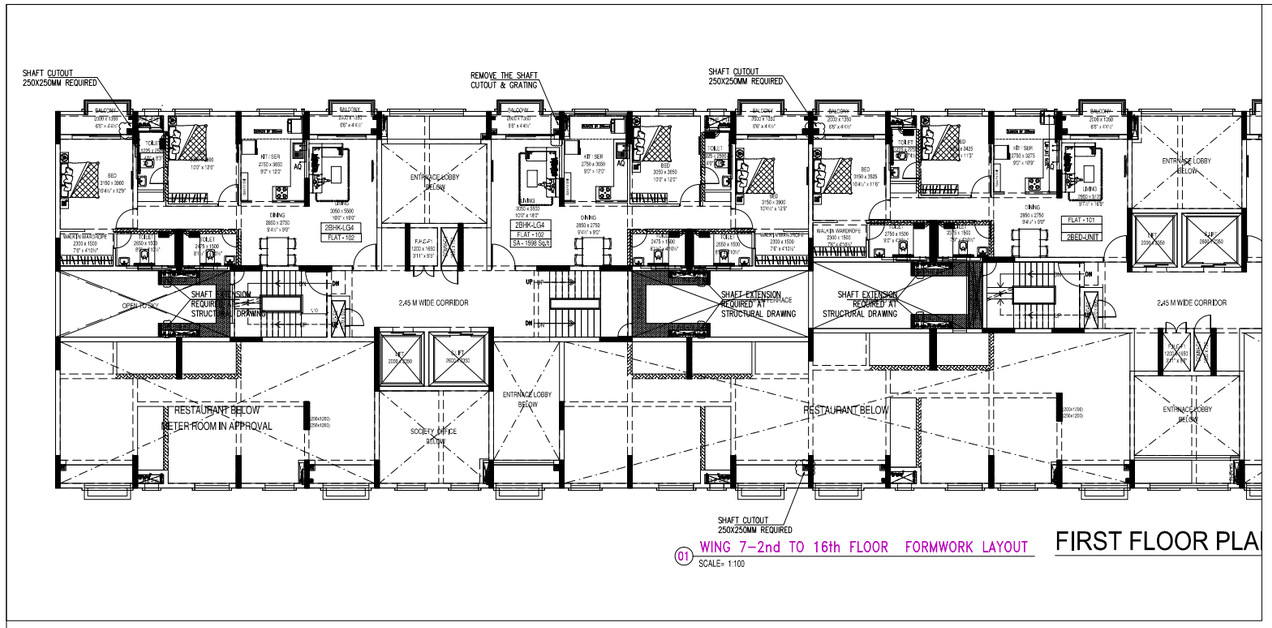
PROJECT TITLE:
Proposed Residential Building
"S&P NEW HAVEN RIBBON WALK"
For M/S. S&P FOUNDATIONS,
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ARCHITECT:
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Architects and Interior Designers
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E.mail : engineering@balunassociates.com &
balu_associates@yahoo.co.in
Website : www.balunassociates.com

DRAWING TITLE:
PLAN - LOCATION OF DOMESTIC WATER & TREATED EFFLUENT TANK AND TERRACE PIPING

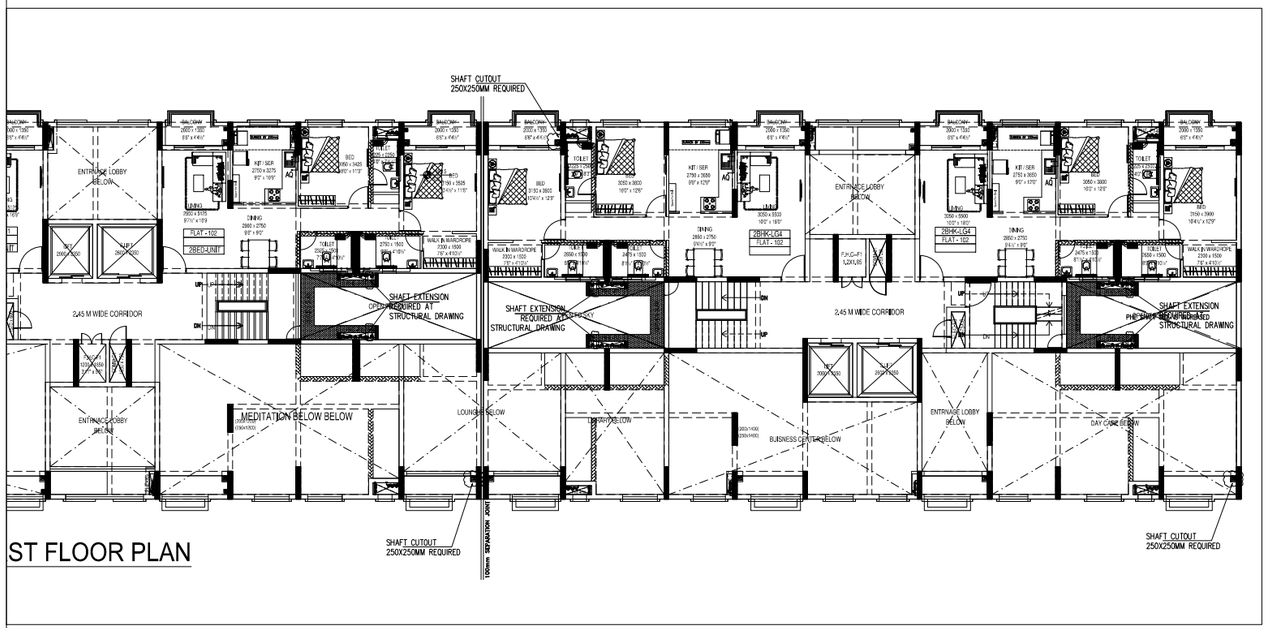
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DRAWN BY : SADIQUE	
CHECKED BY : SARATH	NORTH POINT:
SCALE : A1 = 1:80, A3 = 1:160	North, E, S, W
DATE : 26.06.2024	



01 WING 7-2nd TO 16th FLOOR FORMWORK LAYOUT
SCALE= 1:100

FIRST FLOOR PLA

PART A

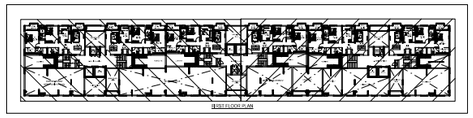


ST FLOOR PLAN

PART B

PLAN – LAYOUT OF WATER SUPPLY PIPE ARRANGEMENTS AT FIRST FLOOR PLAN

KEY PLAN



PART A PART B

SYMBOL	DESCRIPTION OF SYMBOL
	WALLHUNG EUROPEAN WATER CLOSET WITH DUAL FLUSHING CISTERN (EXPOSED TANK)
	RECTANGULAR WASHBASIN
	SINGLE BOWL SINK WITH DRAIN BOARD
	WASHING MACHINE
	SHOWER ARM & ROSE DR – DIVERTOR AT 4'-0" ABOVE FFL WM – WALLMIXER AT 3'-0" ABOVE FFL OVERHEAD SHOWER AT 6'-9" ABOVE FFL
SYMBOL	DESCRIPTION OF SYMBOL
HWS	HOT WATER SUPPLY PIPE
TES	TREATED EFFLUENT SUPPLY PIPE
DWS (P)	DOMESTIC WATER SUPPLY PIPE (PRESSURIZED MAIN)
BV	BALL VALVE

NOTES:

01 – USE CPVC SDR 13.5 & 11 GRADE FOR INTERNAL COLD & HOT WATER SUPPLY PIPES RESPECTIVELY.
02 – AVOID USING G.I EXTENSION NIPPLES FOR CONNECTING WITH C.P FITTINGS.
03 – DOMESTIC WATER WILL BE USED FOR HEALTH FAUCETS, WASHBASIN, SINK, WASHING MACHINE & SHOWER
04 – TREATED WATER WILL BE USED FOR FLUSHING CISTERN.
05 – METRO WATER WILL BE USED FOR DRINKING & COOKING.
06 – HOT WATER WILL BE USED FOR SHOWER ONLY.
07 – PROVIDE CONTROL VALVE ON ALL BRANCH RISER/DROP PIPES AT ACCESSIBLE LOCATION
08 – ALL WATER SUPPLY PIPES ARE TO BE HYDRAULICALLY TESTED TO 7Kg/ SQ.Cm OR 1.5 TIMES OF THE WORKING PRESSURE, WHICH EVER IS HIGHER TO MINIMUM OF 60 MINUTES.
09 – BEFORE PROCEEDING WITH INTERNAL WATER SUPPLY WORK, CONTRACTOR TO VERIFY THE INLET & OUTLET OF THE SELECTED SANITARY WARES & C.P.FITTINGS. NO WORK ARE TO BE CARRIED OUT WITHOUT HAVING THE SAMPLE OF ALL – THE TYPE OF THE SAME AT SITE
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MATERIAL TO BE USED:

- WATER SUPPLY PIPES (INTERNAL) – CPVC SDR 13.5 FOR COLD WATER; CPVC SDR 11 FOR HOT WATER
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- WATER SUPPLY PIPES (BURIED) – UPVC SCH" 80

LEVELS FOR SANITARY FITTINGS:

FC – FLUSHING CISTERN (CONCEALED)
AV/HFBC – ANGLE VALVE STOP COCK AT 1'-6" ABOVE FFL TO CONNECT HEALTH FAUCET BIBCOCK
AV/WB – ANGLE VALVE STOP COCK AT 1'-6" ABOVE FFL TO CONNECT WASH BASIN
CSC – CONCEALED STOP COCK AT 5'-6" ABOVE FFL



VERTICAL HEATER

ABBREVIATIONS:–

HFBC – HEALTH FAUCET BIBCOCK
FC – FLUSHING CISTERN
WB – WASHBASIN
WM – WASHING MACHINE
SH – SHOWER
CSC – CONCEALED STOPCOCK
AG – AQUAGUARD

WING 7

GENERAL NOTES

NO.	REVISION/ISSUE	DATE	DRAWN
R0	ISSUED FOR APPROVAL	26.06.2024	SADIQUE

PROJECT TITLE:

Proposed Residential Building
"S&P NEW HAVEN RIBBON WALK"
For M/S. S&P FOUNDATIONS,
At Mambakkam Wing 2 & 7, Chennai.

ARCHITECT:

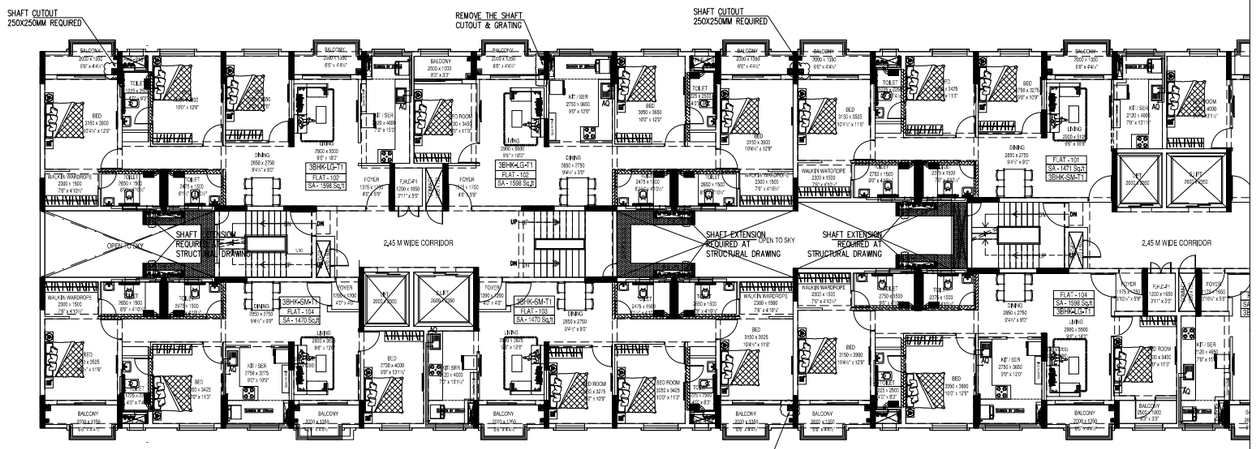
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DRAWING TITLE:

PLAN - LAYOUT OF WATER SUPPLY PIPE ARRANGEMENTS AT FIRST FLOOR PLAN

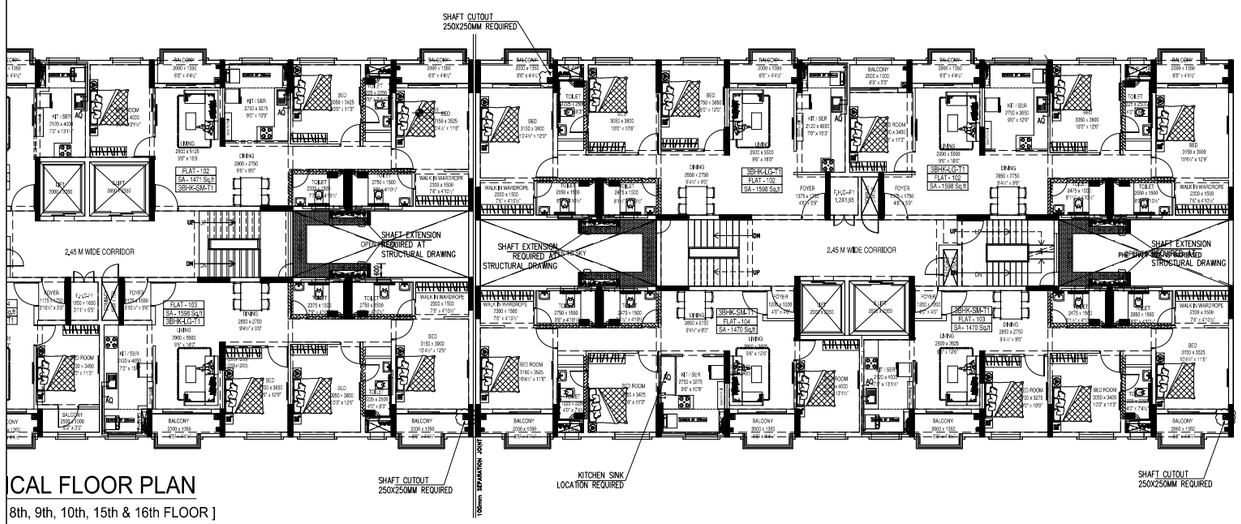
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DRAWN BY : SADIQUE		
CHECKED BY : SARATH		NORTH POINT:
SCALE :	A1 = 1:80 A3 = 1:160	
DATE : 26.06.2024		



01 WING 7–2nd TO 16th FLOOR FORMWORK LAYOUT
SCALE= 1:100

TYPICAL FLOOR PLA
[2nd, 7th, 8th, 9th, 10th, 15th & 16th F

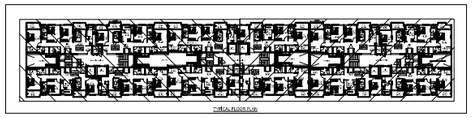
PART A



ICAL FLOOR PLAN
8th, 9th, 10th, 15th & 16th FLOOR]

PART B

KEY PLAN



PART A PART B

SYMBOL	DESCRIPTION OF SYMBOL
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ABBREVIATIONS:–
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FC – FLUSHING CISTERN
WB – WASHBASIN
WM – WASHING MACHINE
SH – SHOWER
CSC – CONCEALED STOPCOCK
AG – AQUAGUARD

LEVELS FOR SANITARY FITTINGS:
FC – FLUSHING CISTERN (CONCEALED)
AV/HFBC – ANGLE VALVE STOP COCK AT 1'–6" ABOVE FFL TO CONNECT HEALTH FAUCET BIBCOCK
AV/WB – ANGLE VALVE STOP COCK AT 1'–6" ABOVE FFL TO CONNECT WASH BASIN
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VERTICAL HEATER

PLAN – LAYOUT OF WATER SUPPLY PIPE ARRANGEMENTS AT TYPICAL FLOOR PLAN 2nd,7th,8th,9th,10th,15th & 16th FLOOR

WING 7

GENERAL NOTES

NO.	REVISION/ISSUE	DATE	DRAWN
R0	ISSUED FOR APPROVAL	26.06.2024	SADIQUE

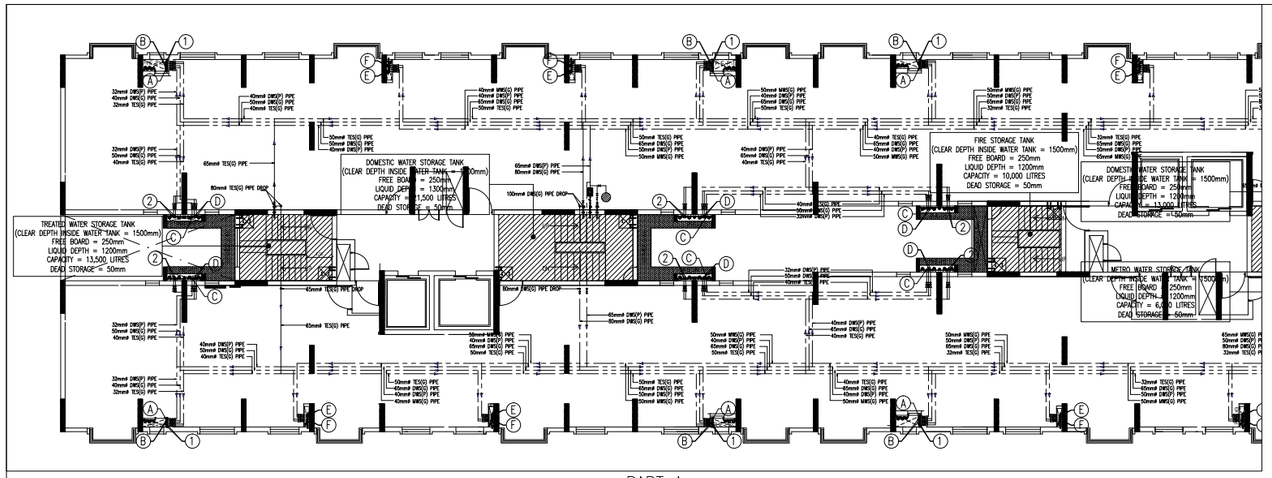
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For M/S. S&P FOUNDATIONS,
At Mambakkam Wing 2 & 7, Chennai.

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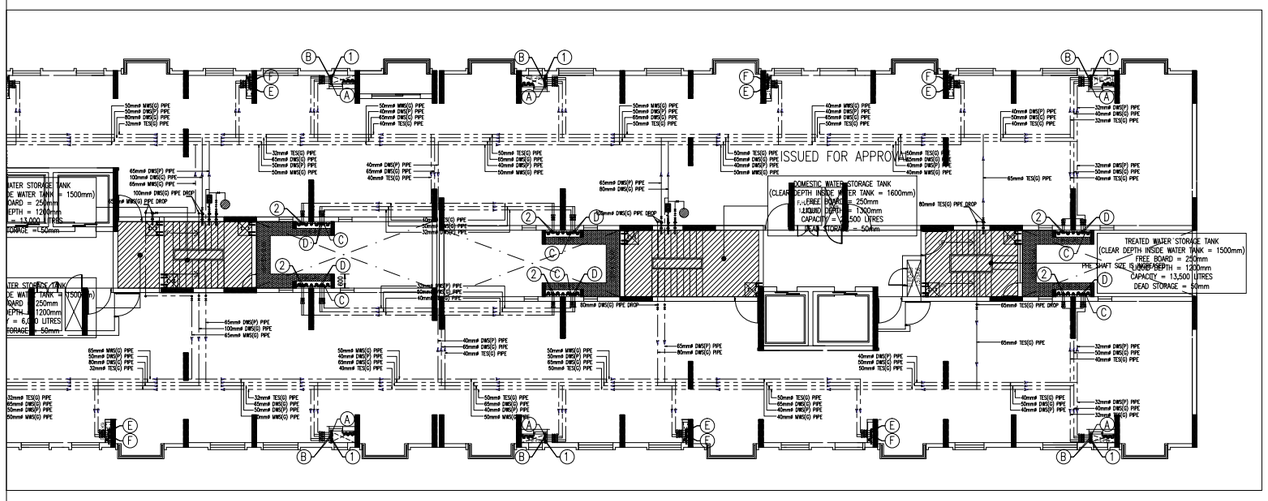
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DRAWING TITLE:
PLAN - LAYOUT OF WATER SUPPLY PIPE ARRANGEMENTS AT TYPICAL FLOOR PLAN 2nd,7th,8th,9th,10th,15th & 16th FLOOR

PROJECT NO : 0000/000	SHEET NO: BA/S&P–NHRW/PHE/002
DRAWN BY : SADIQUE	
CHECKED BY : SARATH	NORTH POINT:
SCALE : A1 = 1:80, A3 = 1:160	
DATE : 26.06.2024	



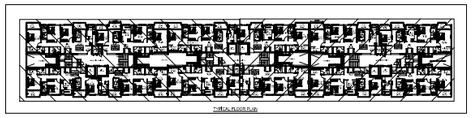
PART A



PART B

PLAN – LOCATION OF DOMESTIC WATER & TREATED EFFLUENT TANK & TERRACE PIPING

KEY PLAN



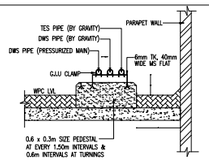
PART A PART B

SYMBOLS:–

DWS(P)	–	DOMESTIC WATER SUPPLY PIPE (BY PRESSURISED SYSTEM)
DWS(G)	–	DOMESTIC WATER SUPPLY PIPE (BY GRAVITY)
MWS(G)	–	METRO WATER SUPPLY PIPE (BY GRAVITY)
TES(G)	–	TREATED EFFLUENT SUPPLY PIPE (BY GRAVITY)
NRV	–	NON RETURN VALVE
BV	–	BELOW 50mmø – BALL VALVE ABOVE 50mmø – BUTTERFLY VALVE
	–	PIPE SIZE REDUCER
ST	–	STRAINER

NOTES FOR TERRACE PIPING:

1. USE uPVC SCHEDULE 80/40 AQUAGOLD uPVC PIPE FOR COLD WATER AT TERRACE AND SHAFT AREAS.
2. PROVIDE SUPPORTS FOR PIPES AT EVERY 1.50M INTERVALS.
3. BALL VALVE/BUTTERFLY VALVE NEED TO BE PROVIDED IN EACH VERTICAL WATER SUPPLY DROP PIPES FROM OVERHEAD WATER TANK AT ACCESSIBLE LOCATION.



TYPICAL CROSS SECTION DETAIL OF PIPES SUPPORT AT SLAB LEVEL

DETAILS OF WATER SUPPLY DROP PIPES

FLOORS	DOMESTIC WATER SUPPLY PIPE (PRESSURIZED MAIN & GRAVITY) & TREATED EFFLUENT WATER SUPPLY PIPE (BY GRAVITY)																	
TERRACE FLOOR	MWS(G) TES(G) DWS(G) DWS(P)																	
SIXTEENTH FLOOR	25mmø		40mmø	40mmø		32mmø		50mmø	50mmø	32mmø	32mmø	40mmø	40mmø	32mmø	32mmø	40mmø		40mmø
FIFTEENTH FLOOR	25mmø		40mmø	40mmø		32mmø		50mmø	50mmø	32mmø	32mmø	40mmø	40mmø	32mmø	32mmø	40mmø		40mmø
FOURTEENTH FLOOR	20mmø		40mmø	40mmø		25mmø		50mmø	50mmø	32mmø	32mmø	40mmø	40mmø	25mmø	32mmø	32mmø		40mmø
THIRTEENTH FLOOR			40mmø	40mmø				50mmø	50mmø	25mmø	32mmø	32mmø	40mmø	25mmø	32mmø	32mmø		40mmø
TWELTH FLOOR			40mmø	40mmø				50mmø	50mmø	25mmø	32mmø	32mmø	40mmø	25mmø	32mmø	25mmø		40mmø
ELEVENTH FLOOR			32mmø	40mmø				40mmø	50mmø	25mmø	32mmø	25mmø	40mmø	20mmø	32mmø	25mmø		40mmø
TENTH FLOOR			32mmø	40mmø				40mmø	50mmø	20mmø	32mmø	25mmø	40mmø	20mmø	32mmø	20mmø		40mmø
NINTH FLOOR			25mmø	40mmø				32mmø	50mmø	20mmø	32mmø	20mmø	40mmø	20mmø	32mmø	20mmø		40mmø

TENTH FLOOR		32mmø 40mmø		40mmø 50mmø	20mmø 32mmø	25mmø 40mmø	20mmø 32mmø	20mmø 40mmø	
NINTH FLOOR		25mmø 40mmø		32mmø 50mmø	20mmø 32mmø	20mmø 40mmø	20mmø 32mmø	20mmø 40mmø	
EIGHTH FLOOR		25mmø 40mmø		32mmø 50mmø	32mmø	40mmø	32mmø	40mmø	
SEVENTH FLOOR		20mmø 40mmø		25mmø 50mmø	32mmø	40mmø	32mmø	40mmø	
SIXTH FLOOR		40mmø		50mmø	32mmø	40mmø	25mmø	32mmø	
FIFTH FLOOR		32mmø		40mmø	25mmø	32mmø	25mmø	32mmø	
FOUR FLOOR		32mmø		40mmø	25mmø	32mmø	25mmø	25mmø	
THIRD FLOOR		25mmø		32mmø	25mmø	25mmø	20mmø	25mmø	
SECOND FLOOR		25mmø		32mmø	20mmø	25mmø	20mmø	20mmø	
FIRST FLOOR		20mmø		25mmø	20mmø	20mmø	20mmø	20mmø	
DROP PIPES	A DROP	B DROP	C DROP	D DROP	E DROP	F DROP	1 DROP	2 DROP	
	SINGLE TOILET	SINGLE TOILET	TWIN TOILET	TWIN TOILET	KITCHEN/SERVICE	KITCHEN/SERVICE	SINGLE TOILET	TWIN TOILET	WING 7

GENERAL NOTES

NO.	REVISION/ISSUE	DATE	DRAWN
R0	ISSUED FOR APPROVAL	26.06.2024	SADIQUE

PROJECT TITLE:

Proposed Residential Building
"S&P NEW HAVEN RIBBON WALK"
For M/S, S&P FOUNDATIONS,
At Mambakkam Wing 2 & 7, Chennai.

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DRAWING TITLE:

PLAN - LOCATION OF DOMESTIC WATER & TREATED EFFLUENT TANK AND TERRACE PIPING

PROJECT NO : 0000/000	SHEET NO: BA/S&P-NHRW/PHE/004
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Property Documentation & Workflow Tools

Forms & Templates, Document Generator, Document Translation, Dictionary

Vastu & Property Management Tools

Home Vastu Shastra, Plot Vastu Shastra, Property Management

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