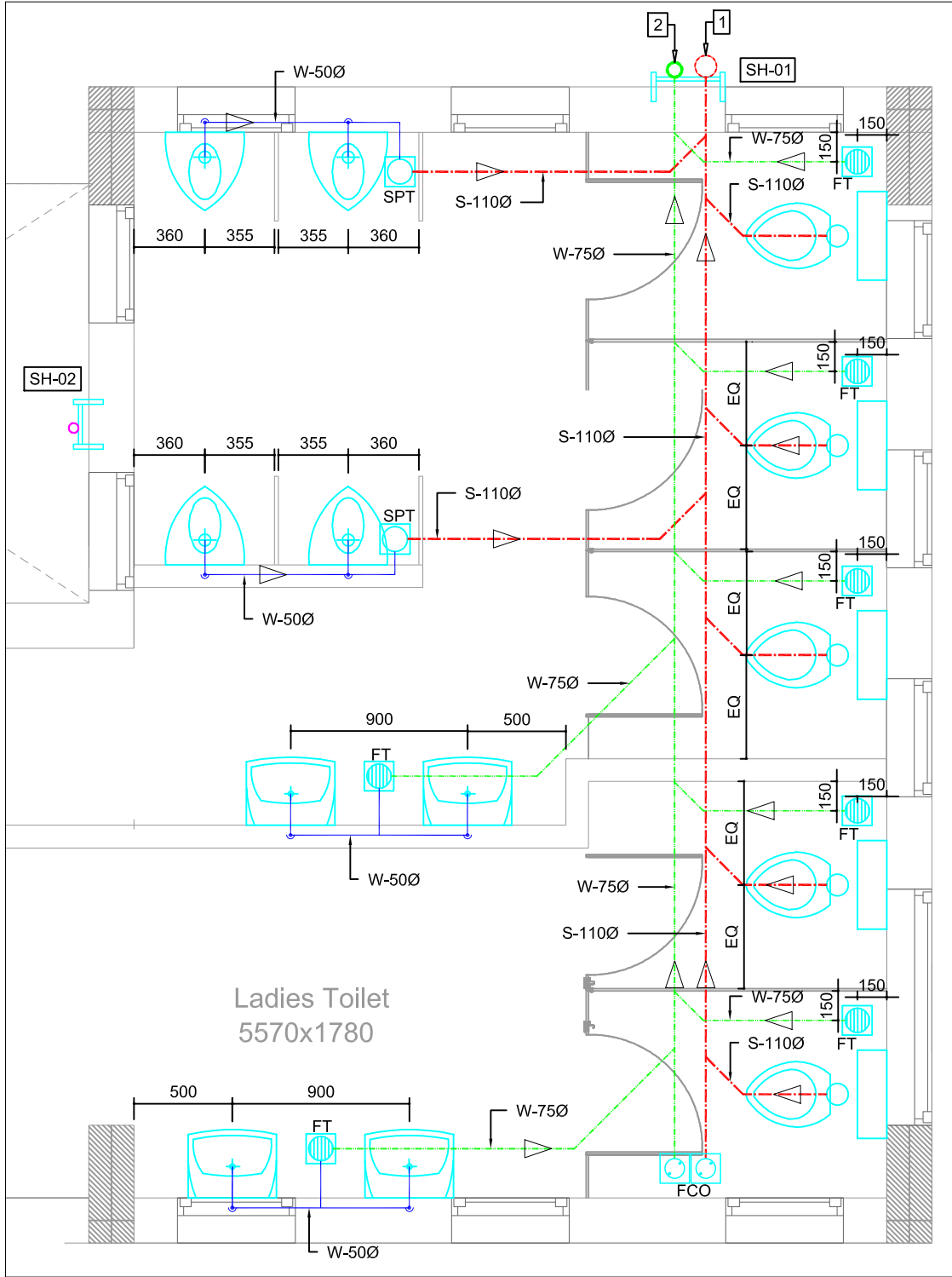
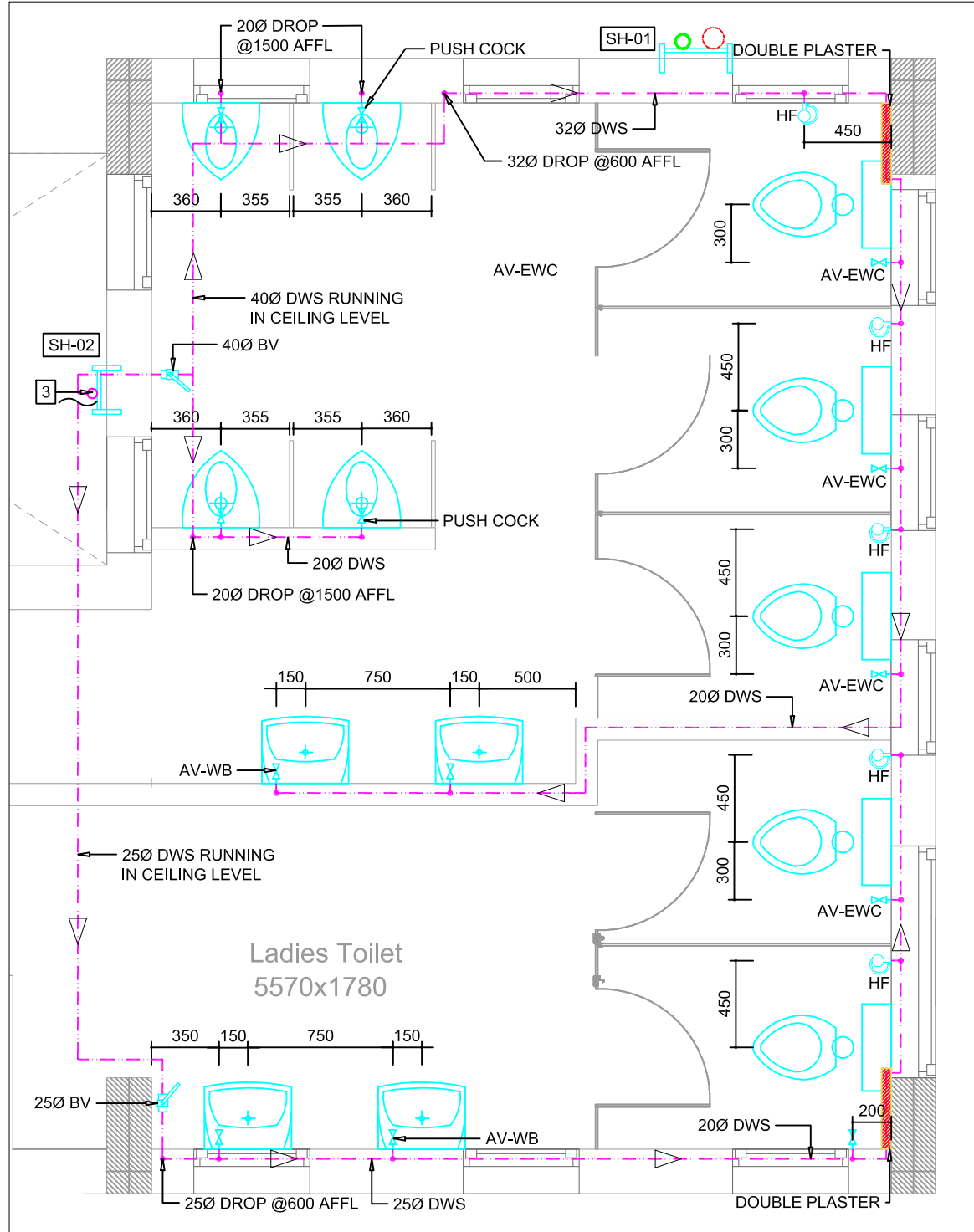
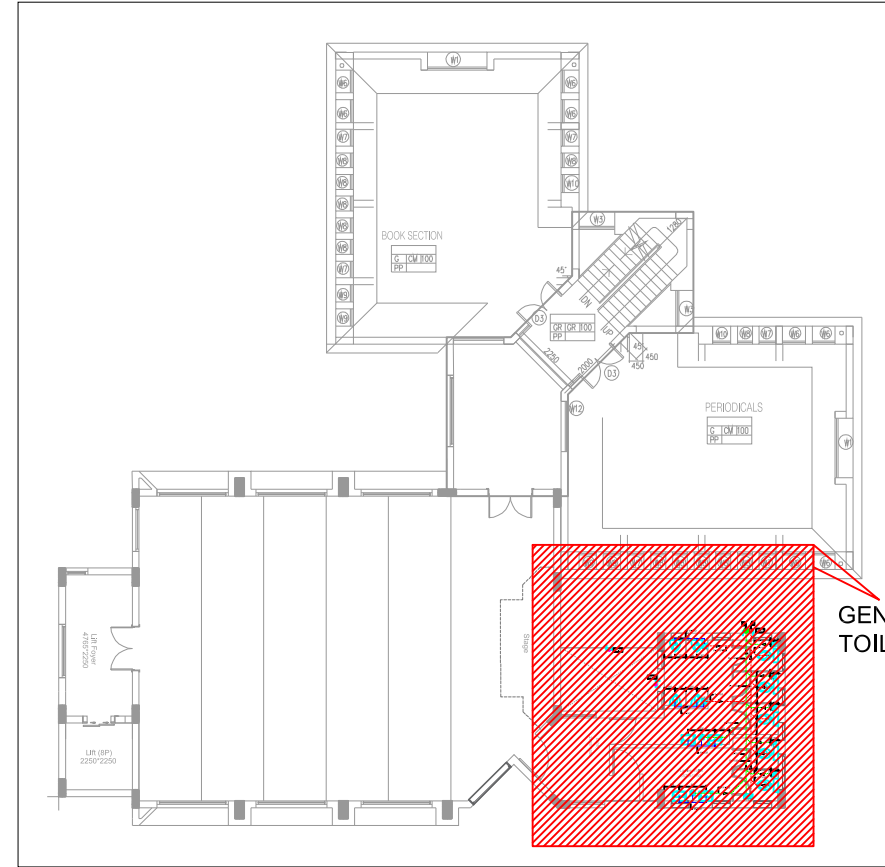




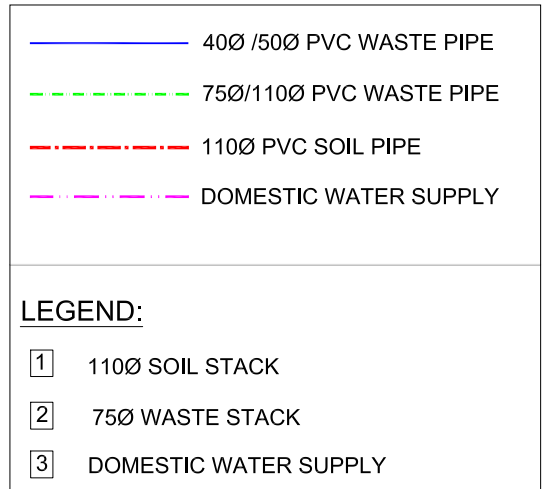
SECOND FLOOR GENTS & LADIES TOILET AT
INTERNAL DRAINAGE DETAIL



SECOND FLOOR GENTS & LADIES TOILET AT
INTERNAL WATER SUPPLY DETAIL



KEY PLAN



LEGEND AND MOUNTING LEVELS				
NAME	DESCRIPTION	SYMBOL	MOUNTING LEVEL OF FIXTURES IN mm	MOUNTING LEVEL OF FIXTURES IN FT & INCHES
TOILET AREA				
EWC	EWC- EUROPEAN WATER CLOSET FLOOR MOUNTED WITH PVC CISTERN		@400 AFFL	@1'-4" AFFL
AV	ANGLE VALVE FOR EWC		@200 AFFL	@ 8" AFFL
HF	HEALTH FAUCET		@450 AFFL	@ 1'- 6" AFFL
URINAL	URINAL		TOP OF URINAL @1200 AFFL	@ 4'- 0" AFFL
PUSH COCK	PUSH COCK FOR URINAL		@1400 AFFL	@ 4'-8" AFFL

WASH BASIN AREA				
WB	WASH BASIN		TOP OF THE WB 850 AFFL	TOP OF THE WB 2'-10" AFFL
SINK	SINK		@TOP OF THE SINK 800 AFFL	@TOP OF THE SINK 2'-8" AFFL
SCK-W	WALL MOUNTED SINK COCK		@200 FROM THE TOP OF THE COOKING PLATFORM	@ 8" FROM THE TOP OF THE COOKING PLATFORM
AV-W	ANGLE VALVE FOR WASH BASIN		@500 AFFL	@1'-8" AFFL
AV-WC	ANGLE VALVE FOR WATER COOLER		@1200 AFFL	@4'-0" AFFL
FT	FABRICATED PVC FLOOR TRAP SUSPENDED			
FCO	FLOOR CLEAN OUT			
SPT				
BV	BALL VAVLE			

DRAINAGE AND WATER SUPPLY PIPES SPECIFICATIONS		
DESCRIPTION	PIPE	CODE/ STANDARD
PIPE SPECIFICATIONS FOR DRAINAGE WORKS		
INTERNAL WORKS	40/50mm dia PVC 10Kg/cm² pressure pipes & fittings	IS - 4985 with latest amendment
INTERNAL WORKS	75/110mm dia SWR PVC-B Class pipe	IS - 14735 with latest amendment
SHAFT LINES	75/110mm dia SWR PVC-B Class pipe	IS - 14735 with latest amendment
EXTERNAL LINES	110/160mm dia Foamcore PVC pipes - SN8 Class	IS 16098 with latest amendment
FLOOR TRAP (BRANDED)	If all inlet and outlet angles are at 90degree	
FLOOR TRAP (FABRICATED)	If all inlet and outlet angles are at different degree	PVC 4kg pressure pipes & fittings IS - 4985 with latest amendment
PIPE SPECIFICATIONS FOR WATER SUPPLY WORKS		
INTERNAL	DWS & FWS CPVC - SDR 11	IS.15778.2007 with latest amendment
SHAFT, TERRACE & EXTERNAL	DWS&FWS UPVC - SCH-40 (for all dia)	IS. ASTM D 1785

R1		ISSUED FOR APPROVAL	
R0	05.05.2025	ISSUED FOR APPROVAL	AK
REV	DATE	DESCRIPTION	BY

CLIENT:

PROJECT TITLE:



MADRAS SCHOOL OF ECONOMICS
NEW CLASS ROOM

ARCHITECTS:

TC Designers

PHE CONSULTANT:

Ganga Consultancy
Plumbing and Fire Fighting Consultants

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E-Mail: gangacon1@gmail.com

DRAWING TITLE:

SECOND FLOOR INTERNAL DRAINAGE
AND WATER SUPPLY LAYOUT

DRAWN	AK	SCALE	1:30(A2)	DATE	05.05.2025
DESIGNED	KS	CHECKED	FK	REV	R0
DRAWING NO: GANGA/17/MSE/INT-DR-WS-03					