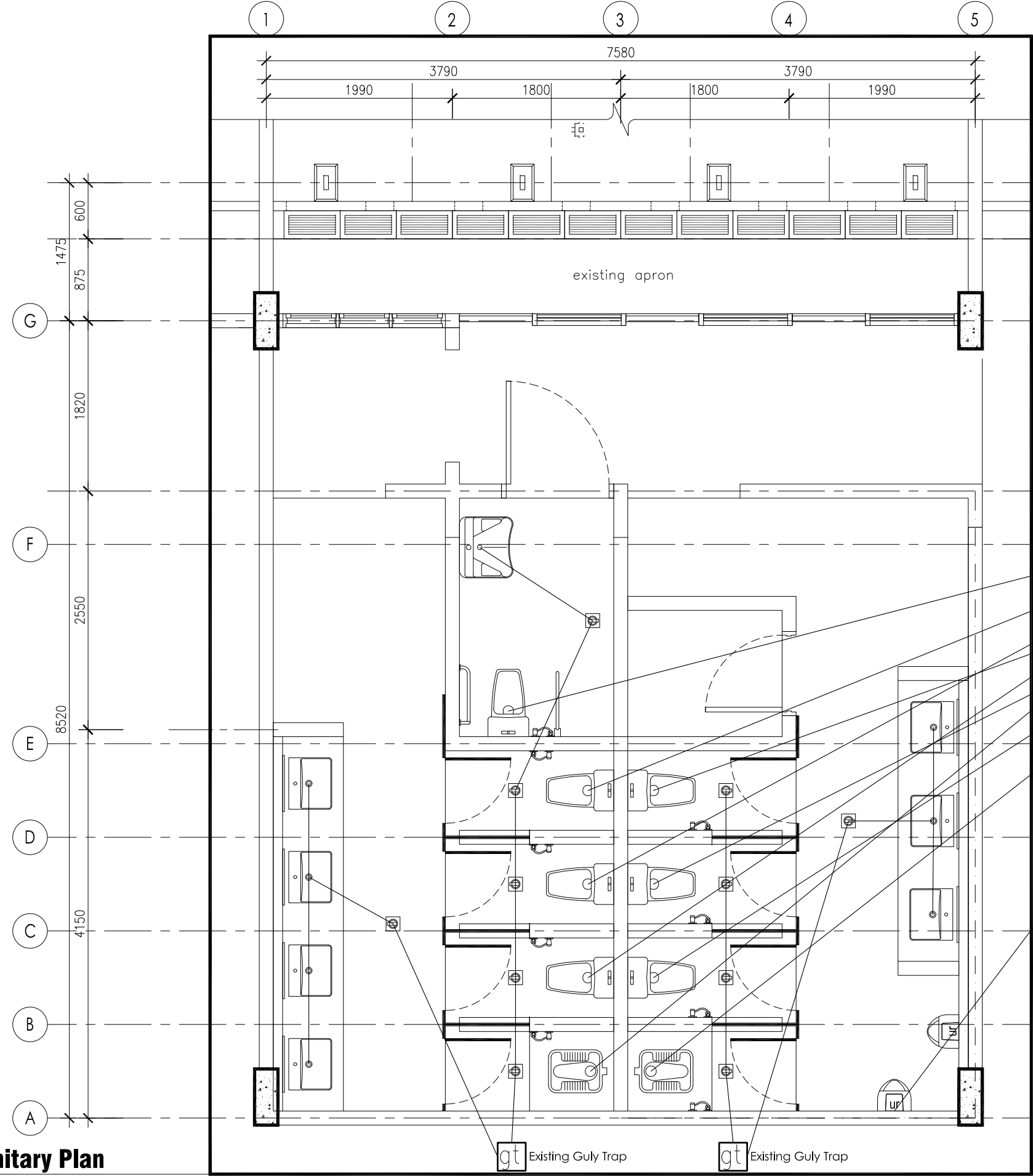




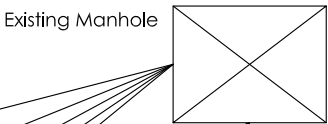
NOTES FOR SANITARY PIPING SIZE

DESCRIPTION	PIPE SIZE
BASIN	32mmØ mUPVC
SINK	40mmØ mUPVC
URINAL	40mmØ mUPVC
FLOOR TRAP	80mmØ UPVC
WATER CLOSET	100mmØ UPVC
GULLY TRAP TO MANHOLE	100mmØ UPVC
MANHOLE TO MANHOLE	150mmØ VCP

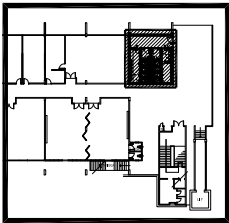
NOTES & LEGEND:

B	-BASIN
S	-SINK
FT	-FLOOR TRAP
U	-URINAL
WC	-WATER CLOSET
UPVC	-UNPLASTICIZED POLYVINIL CHLORIDE
GT	-GULLY TRAP
GL	-GROUND LEVEL
IL	-INVERT LEVEL
D	-DEPTH OF MANHOLE
MUPVC	-MODIFIED UNPLASTICIZED PVC PIPE
VCP	-VITRIFIED CLAY PIPE
WDT	-WASTE DRAIN TRAP
MH	-MANHOLE
MUPVC ASP	-MODIFIED UNPLASTICIZED PVC PIPE ANTI SYPHONAGE PIPE

- ALL SEWERAGE & WASTE WATER DISCHARGE FROM W.C.,SQ. & FLOOR TRAP C/W 'S' / 'P' TRAP DEPEND ON SITE CONDITION
- ALL WASH BASIN C/W BOTTLE TRAP
- NEW PVC-u SUPPLY PIPE TO FOLLOW EXIST. SIZE (TO BE CONCEAL) TO ENGR'S APPROVAL



KEY PLAN (SECTION A)

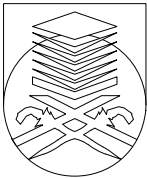


TENDER DRAWING

Peringatan:
HANYA DIMENSI BERANGKA SAHAJA DILAKSANAKAN.
KONTRAKTOR MESTI MEMERIKSA SEMUA DIMENSI
SEBENAR DI TAPAK BINA. SEBARANG PERCANGGAHAN
MESTI DILAPORKAN DENGAN SEGERA KEPADA PEGAWAI
PENGUASA SEBELUM KERJA-KERJA DIMULAKAN.

New Sanitary Plan

PROJEK:
CADANGAN NAIKTARAF TANDAS DI ARAS 2, 3 DAN 4 BANGUNAN
AKADEMIK 2, KOMPLEKS AL-FARABI, ARSHAD AYUB GRADUATE BUSINESS
SCHOOL (AAGBS), UNIVERSITI TEKNOLOGI MARA (UiTM) SHAH ALAM,
SELANGOR DARUL EHSAN



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NO. RUJUKAN PROJEK:
200-PP11(BP.5/3/158)-MECH-SP

TAJUK LUKISAN:
• NEW SANITARY PLAN (SECTION A)

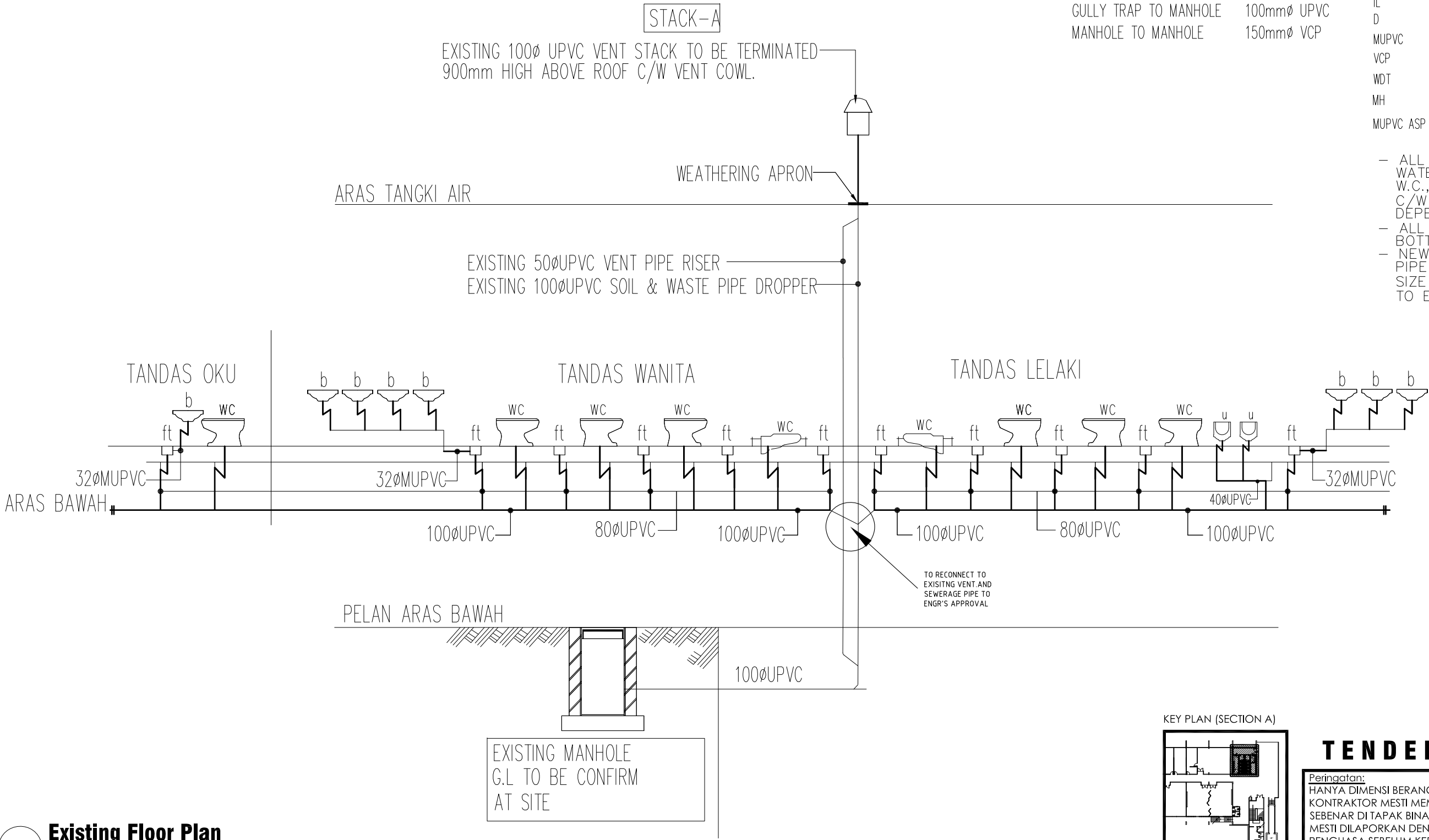
TARIKH:
20 31
24 DIS.

SKALA:
1:50

NAIB CANSELOR	: PROF. DATUK DR. SHAHRIN BIN SAHIB @ SAHIBUDDIN
PENOLONG NAIB CANSELOR	: PROF. TS. SR DR. MD YUSOF HAMID
PENGARAH JABATAN PEMBANGUNAN INFRASTRUKTUR	: IR. TS. AZMAN SAUBIRAN
KETUA BAHAGIAN PEMBANGUNAN INFRA	: MOHAMMED IZRAI BIN ABD RAZAK
ARKITEK	: ZAHIRUDDIN JAIDIR
DILUKIS OLEH	: HAZARUL
PENGURUS PROJEK / DISEMAK	: IR. MOHD FAZLI MOKHTARUDDIN / NOOR AZNIZA BAHARUDDIN

INDEKS PINDAAN	
NO HELAIAN:	01

NOTES FOR SANITARY PIPING SIZE		NOTES & LEGEND:	
DESCRIPTION	PIPE SIZE	B	-BASIN
BASIN	32mmø mUPVC	S	-SINK
SINK	40mmø mUPVC	FT	-FLOOR TRAP
URINAL	40mmø mUPVC	U	-URINAL
FLOOR TRAP	80mmø UPVC	WC	-WATER CLOSET
WATER CLOSET	100mmø UPVC	UPVC	-UNPLASTICIZED POLYVINIL CHLORIDE
GULLY TRAP TO MANHOLE	100mmø UPVC	GT	-GULLY TRAP
MANHOLE TO MANHOLE	150mmø VCP	GL	-GROUND LEVEL
		IL	-INVERT LEVEL
		D	-DEPTH OF MANHOLE
		MUPVC	-MODIFIED UNPLASTICIZED PVC PIPE
		VCP	-VITRIFIED CLAY PIPE
		WDT	-WASTE DRAIN TRAP
		MH	-MANHOLE
		MUPVC ASP	-MODIFIED UNPLASTICIZED PVC PIPE ANTI SYPHONAGE PIPE
			- ALL SEWERAGE & WASTE WATER DISCHARGE FROM W.C.,SQ. & FLOOR TRAP C/W 'S' / 'P' TRAP DEPEND ON SITE CONDITION
			- ALL WASH BASIN C/W BOTTLE TRAP
			- NEW PVC-u SUPPLY PIPE TO FOLLOW EXIST. SIZE (TO BE CONCEAL) TO ENGR'S APPROVAL



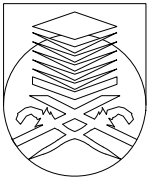
Existing Floor Plan

KEY PLAN (SECTION A)

TENDER DRAWING

Peringatan:
HANYA DIMENSI BERANGKA SAHAJA DILAKSANAKAN.
KONTRAKTOR MESTI MEMERIKSA SEMUA DIMENSI
SEBENAR DI TAPAK BINA. SEBARANG PERCANGGAHAN
MESTI DILAPORKAN DENGAN SEGERA KEPADA PEGAWAI
PENGUASA SEBELUM KERJA-KERJA DIMULAKAN.

PROJEK:
**CADANGAN NAIKTARAF TANDAS DI ARAS 2, 3 DAN 4 BANGUNAN
AKADEMIK 2, KOMPLEKS AL-FARABI, ARSHAD AYUB GRADUATE BUSINESS
SCHOOL (AAGBS), UNIVERSITI TEKNOLOGI MARA (UiTM) SHAH ALAM,
SELANGOR DARUL EHSAN**



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NO. RUJUKAN PROJEK:
200-PPII(BP.5/3/158)-MECH-SP

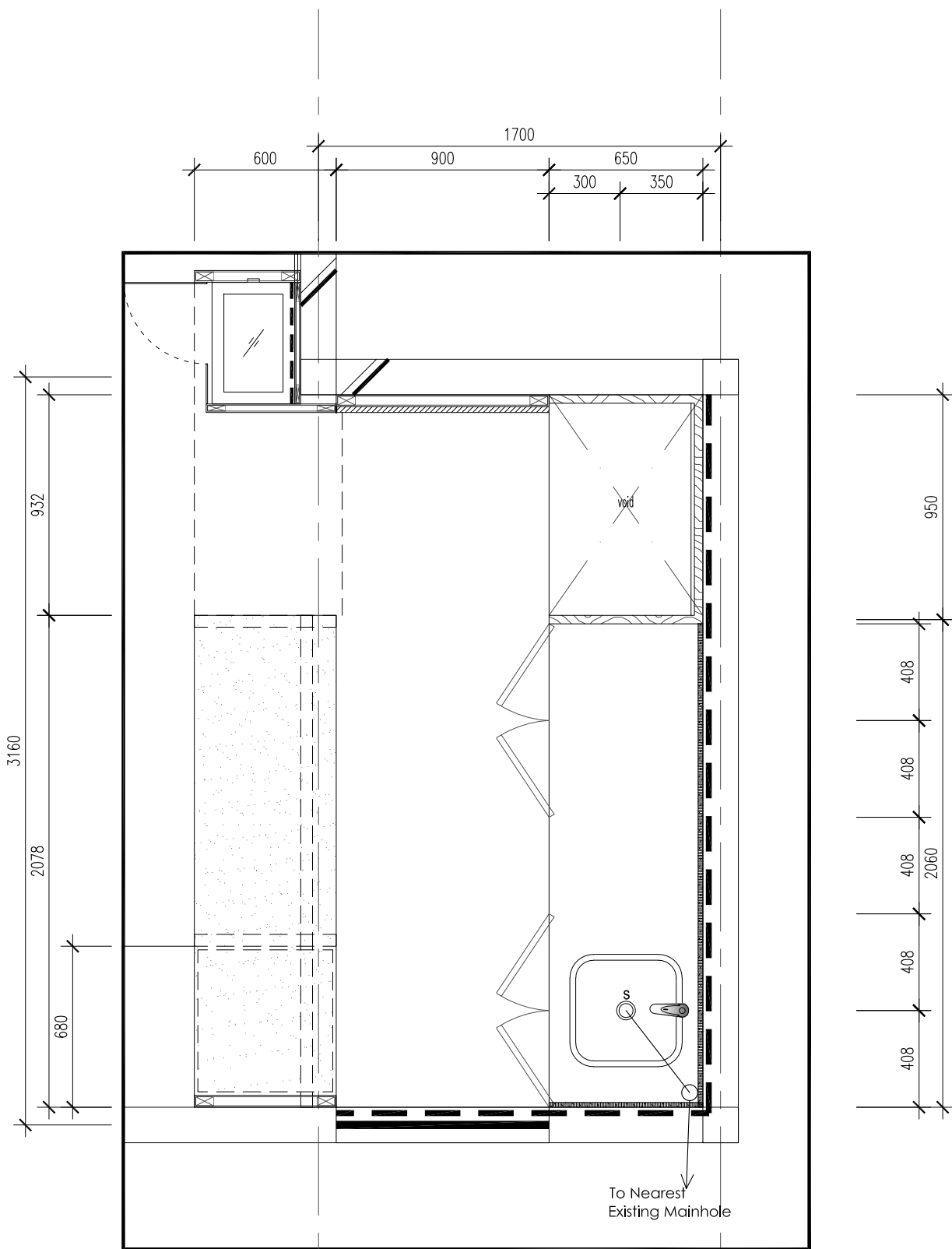
TAJUK LUKISAN:
• **SANITARY PLUMBING SCHEMATIC (SECTION A)**

TARIKH:
**20 31
24 DIS.**

SKALA:
1:50

NAIB CANSOLOR	: PROF. DATUK DR. SHAHRIN BIN SAHIB @ SAHIBUDDIN
PENOLONG NAIB CANSOLOR	: PROF. TS. SR DR. MD YUSOF HAMID
PENGARAH JABATAN PEMBANGUNAN INFRASTRUKTUR	: IR. TS. AZMAN SAUBIRAN
KETUA BAHAGIAN PEMBANGUNAN INFRA	: MOHAMMED IZRAI BIN ABD RAZAK
ARKITEK	: ZAHIRUDDIN JAIDIR
DILUKIS OLEH	: HAZARUL
PENGURUS PROJEK / DISEMAK	: IR. MOHD FAZLI MOKHTARUDDIN / NOOR AZNIZA BAHARUDDIN

INDEKS PINDAAN	
NO HELAIAN:	02



New Sanitary Plan

NOTES FOR SANITARY PIPING SIZE

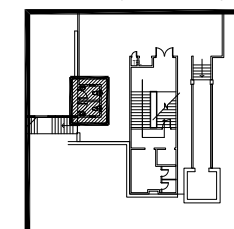
DESCRIPTION	PIPE SIZE
BASIN	32mmØ mUPVC
SINK	40mmØ mUPVC
URINAL	40mmØ mUPVC
FLOOR TRAP	80mmØ UPVC
WATER CLOSET	100mmØ UPVC
GULLY TRAP TO MANHOLE	100mmØ UPVC
MANHOLE TO MANHOLE	150mmØ VCP

NOTES & LEGEND:

B	-BASIN
S	-SINK
FT	-FLOOR TRAP
U	-URINAL
WC	-WATER CLOSET
UPVC	-UNPLASTICIZED POLYVINIL CHLORIDE
GT	-GULLY TRAP
GL	-GROUND LEVEL
IL	-INVERT LEVEL
D	-DEPTH OF MANHOLE
MUPVC	-MODIFIED UNPLASTICIZED PVC PIPE
VCP	-VITRIFIED CLAY PIPE
WDT	-WASTE DRAIN TRAP
MH	-MANHOLE
MUPVC ASP	-MODIFIED UNPLASTICIZED PVC PIPE ANTI SYPHONAGE PIPE

- ALL SEWERAGE & WASTE WATER DISCHARGE FROM W.C., SQ. & FLOOR TRAP C/W 'S' / 'P' TRAP DEPEND ON SITE CONDITION
- ALL WASH BASIN C/W BOTTLE TRAP
- NEW PVC-u SUPPLY PIPE TO FOLLOW EXIST. SIZE (TO BE CONCEAL) TO ENGR'S APPROVAL

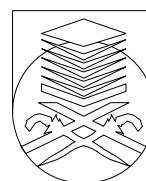
KEY PLAN (SECTION B)



TENDER DRAWING

Peringatan:
HANYA DIMENSI BERANGKA SAHAJA DILAKSANAKAN.
KONTRAKTOR MESTI MEMERIKSA SEMUA DIMENSI
SEBENAR DI TAPAK BINA. SEBARANG PERCANGGAHAN
MESTI DILAPORKAN DENGAN SEGERA KEPADA PEGAWAI
PENGUASA SEBELUM KERJA-KERJA DIMULAKAN.

PROJEK:
**CADANGAN NAIKTARAF TANDAS DI ARAS 2, 3 DAN 4 BANGUNAN
AKADEMIK 2, KOMPLEKS AL-FARABI, ARSHAD AYUB GRADUATE BUSINESS
SCHOOL (AAGBS), UNIVERSITI TEKNOLOGI MARA (UiTM) SHAH ALAM,
SELANGOR DARUL EHSAN**



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NO. RUJUKAN PROJEK:
200-PPH(BP.5/3/158)-MECH-SP

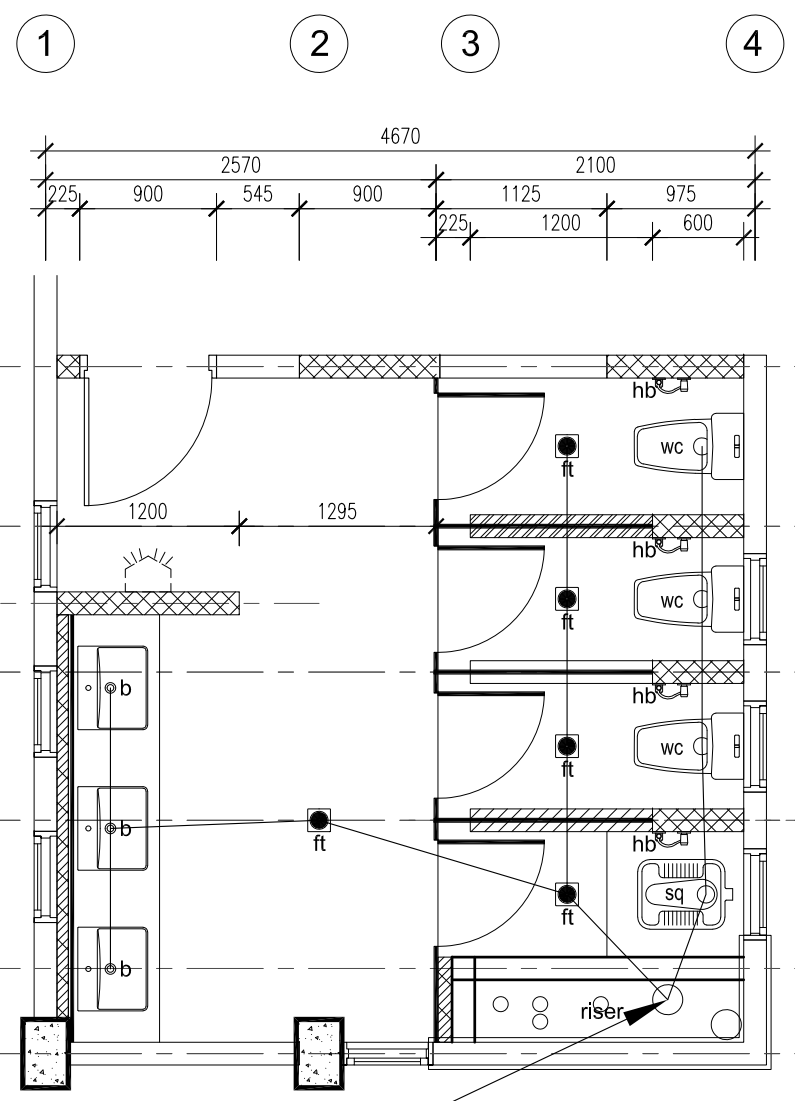
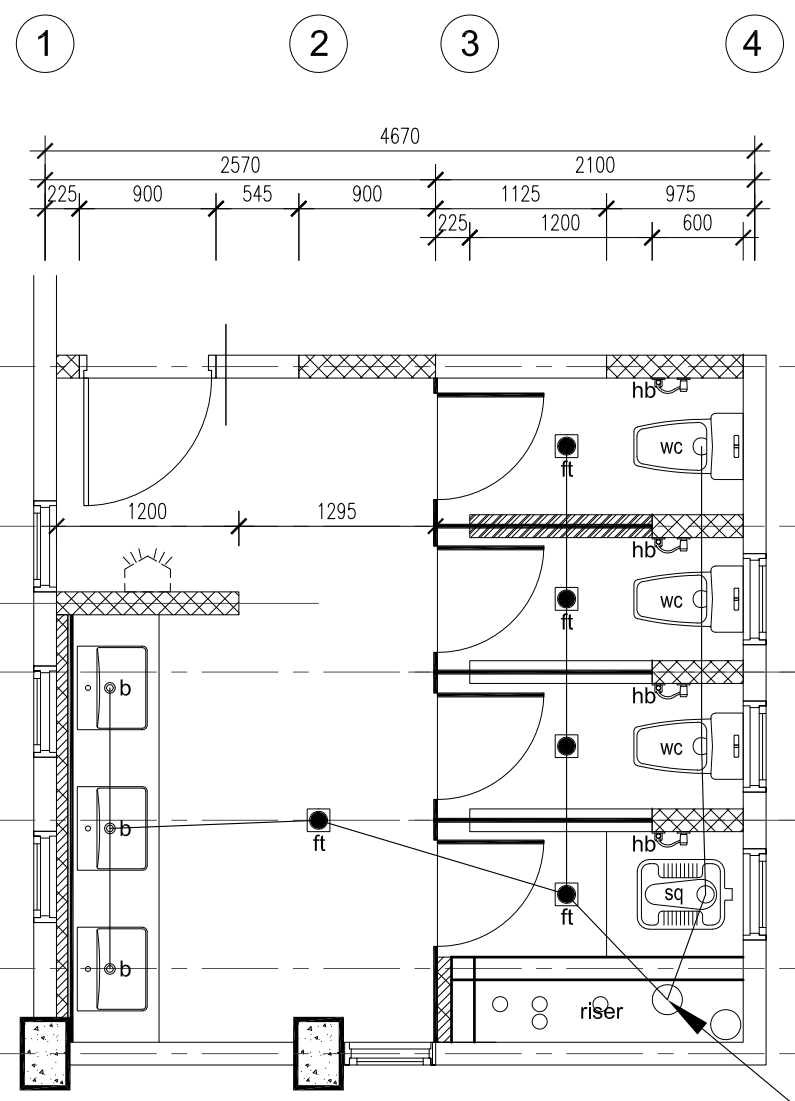
TAJUK LUKISAN:
**STAFF PANTRY (SECTION B)
• NEW SANITARY PLAN**

TARIKH:
**20 31
24 DIS.**

SKALA:
1:25

NAIB CANSOLOR	: PROF. DATUK DR. SHAHRIN BIN SAHIB @ SAHIBUDDIN	INDEKS PINDAAN
PENOLONG NAIB CANSOLOR	: PROF. TS. SR DR. MD YUSOF HAMID	
PENGARAH JABATAN PEMBANGUNAN INFRASTRUKTUR	: IR. TS. AZMAN SAUBIRAN	
KETUA BAHAGIAN PEMBANGUNAN INFRA	: MOHAMMED IZRAI BIN ABD RAZAK	
ARKITEK	: ZAHIRUDDIN JAIDIR	
DILUKIS OLEH	: HAZARUL	
PENGURUS PROJEK / DISEMAK	: IR. MOHD FAZLI MOKHTARUDDIN / NOOR AZNIZA BAHARUDDIN	
		NO HELAIAN: 03

NOTES FOR SANITARY PIPING SIZE		NOTES & LEGEND:	
DESCRIPTION	PIPE SIZE	B	-BASIN
BASIN	32mmØ mUPVC	S	-SINK
SINK	40mmØ mUPVC	FT	-FLOOR TRAP
URINAL	40mmØ mUPVC	U	-URINAL
FLOOR TRAP	80mmØ UPVC	WC	-WATER CLOSET
WATER CLOSET	100mmØ UPVC	UPVC	-UNPLASTICIZED POLYVINIL CHLORIDE
GULLY TRAP TO MANHOLE	100mmØ UPVC	GT	-GULLY TRAP
MANHOLE TO MANHOLE	150mmØ VCP	GL	-GROUND LEVEL
		IL	-INVERT LEVEL
		D	-DEPTH OF MANHOLE
		MUPVC	-MODIFIED UNPLASTICIZED PVC PIPE
		VCP	-VITRIFIED CLAY PIPE
		WDT	-WASTE DRAIN TRAP
		MH	-MANHOLE
		MUPVC ASP	-MODIFIED UNPLASTICIZED PVC PIPE ANTI SYPHONAGE PIPE
- ALL SEWERAGE & WASTE WATER DISCHARGE FROM W.C., SQ. & FLOOR TRAP C/W 'S' / 'P' TRAP DEPEND ON SITE CONDITION			
- ALL WASH BASIN C/W BOTTLE TRAP			
- NEW PVC-u SUPPLY PIPE TO FOLLOW EXIST. SIZE (TO BE CONCEAL) TO ENGR'S APPROVAL			

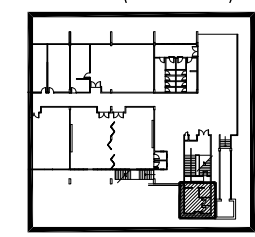


Existing 100mmØ UPVC Stack pipe
DROPPER PIPE

New Floor Plan Level 3 (Male)

New Floor Plan Level 4 (Female)

KEY PLAN (SECTION C)



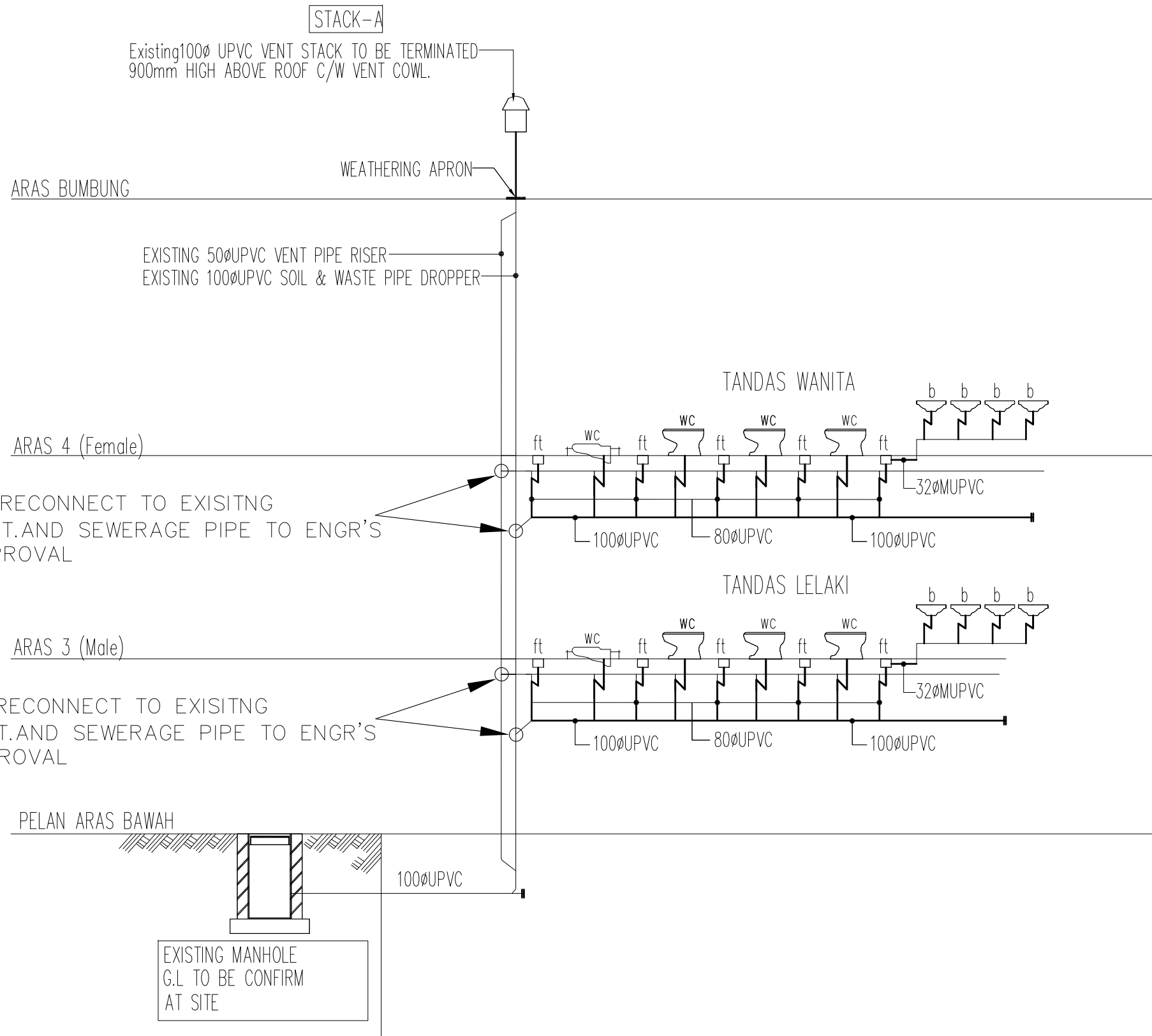
TENDER DRAWING

Peringatan:
HANYA DIMENSI BERANGKA SAHAJA DILAKSANAKAN.
KONTRAKTOR MESTI MEMERIKSA SEMUA DIMENSI
SEBENAR DI TAPAK BINA. SEBARANG PERCANGGAHAN
MESTI DILAPORKAN DENGAN SEGERA KEPADA PEGAWAI
PENGUASA SEBELUM KERJA-KERJA DIMULAKAN.

PROJEK:
CADANGAN NAIKTARAF TANDAS DI ARAS 2, 3 DAN 4 BANGUNAN
AKADEMIK 2, KOMPLEKS AL-FARABI, ARSHAD AYUB GRADUATE BUSINESS
SCHOOL (AAGBS), UNIVERSITI TEKNOLOGI MARA (UiTM) SHAH ALAM,
SELANGOR DARUL EHSAN

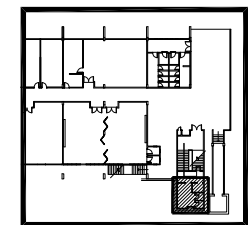


NO. RUJUKAN PROJEK: 200-PPII(BP.5/3/158)-MECH-SP	TARIKH: 20 31 24 DIS.	NAIB CANSOLOR : PROF. DATUK DR. SHAHRIN BIN SAHIB @ SAHIBUDDIN PENOLONG NAIB CANSOLOR : PROF. TS. SR DR. MD YUSOF HAMID PENGARAH JABATAN PEMBANGUNAN INFRASTRUKTUR : IR. TS. AZMAN SAUBIRAN KETUA BAHAGIAN PEMBANGUNAN INFRA : MOHAMMED IZRAI BIN ABD RAZAK ARKITEK : ZAHIRUDDIN JAIDIR DILUKIS OLEH : HAZARUL PENGURUS PROJEK / DISEMAK : Ir. MOHD FAZLI MOKHTARUDDIN / NOOR AZNIZA BAHARUDDIN	INDEKS PINDAAN	
			NO HELAIAN:	04



NOTES FOR SANITARY PIPING SIZE		NOTES & LEGEND:	
DESCRIPTION	PIPE SIZE	B	-BASIN
BASIN	32mmØ mUPVC	S	-SINK
SINK	40mmØ mUPVC	FT	-FLOOR TRAP
URINAL	40mmØ mUPVC	U	-URINAL
FLOOR TRAP	80mmØ UPVC	WC	-WATER CLOSET
WATER CLOSET	100mmØ UPVC	UPVC	-UNPLASTICIZED POLYVINYL CHLORIDE
GULLY TRAP TO MANHOLE	100mmØ UPVC	GT	-GULLY TRAP
MANHOLE TO MANHOLE	150mmØ VCP	GL	-GROUND LEVEL
		IL	-INVERT LEVEL
		D	-DEPTH OF MANHOLE
		MUPVC	-MODIFIED UNPLASTICIZED PVC PIPE
		VCP	-VITRIFIED CLAY PIPE
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		MUPVC ASP	-MODIFIED UNPLASTICIZED PVC PIPE ANTI SYPHONAGE PIPE
- ALL SEWERAGE & WASTE WATER DISCHARGE FROM W.C., S.Q. & FLOOR TRAP C/W 'S' / 'P' TRAP DEPEND ON SITE CONDITION			
- ALL WASH BASIN C/W BOTTLE TRAP			
- NEW PVC-u SUPPLY PIPE TO FOLLOW EXIST. SIZE (TO BE CONCEAL) TO ENGR'S APPROVAL			

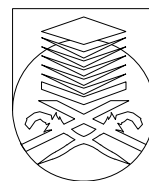
KEY PLAN (SECTION C)



TENDER DRAWING

Peringatan:
HANYA DIMENSI BERANGKA SAHAJA DILAKSANAKAN. KONTRAKTOR MESTI MEMERIKSA SEMUA DIMENSI SEBENAR DI TAPAK BINA. SEBARANG PERCANGGAHAN MESTI DILAPORKAN DENGAN SEGERA KEPADA PEGAWAI PENGUASA SEBELUM KERJA-KERJA DIMULAKAN.

PROJEK:
CADANGAN NAIKTARAF TANDAS DI ARAS 2, 3 DAN 4 BANGUNAN AKADEMIK 2, KOMPLEKS AL-FARABI, ARSHAD AYUB GRADUATE BUSINESS SCHOOL (AAGBS), UNIVERSITI TEKNOLOGI MARA (UiTM) SHAH ALAM, SELANGOR DARUL EHSAN



UNIVERSITI
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MARA

NO. RUJUKAN PROJEK: 200-PP11(BP.5/3/158)-MECH-SP		TARIKH: 20 31 24 DIS.	NAIB CANSELOR : PROF. DATUK DR. SHAHRIN BIN SAHIB @ SAHIBUDDIN		INDEKS PINDAAN	
TAJUK LUKISAN: STAFF TOILET LEVEL 3 (SECTION C) • SANITARY PLUMBING SCHEMATIC LEVEL 3 (MALE) • SANITARY PLUMBING SCHEMATIC LEVEL 4 (FEMALE)		SKALA: 1:50	PENOLONG NAIB CANSELOR : PROF. Ts. Sr Dr. MD YUSOF HAMID			
			PENGARAH JABATAN PEMBANGUNAN INFRASTRUKTUR : IR. TS. AZMAN SAUBIRAN			
			KETUA BAHAGIAN PEMBANGUNAN INFRA: MOHAMMED IZRAI BIN ABD RAZAK			
			ARKITEK : ZAHIRUDDIN JAIDIR			
			DILUKIS OLEH : HAZARUL			
			PENGURUS PROJEK / DISEMAK : Ir. MOHD FAZLI MOKHTARUDDIN / NOOR AZNIZA BAHARUDDIN		NO HELAIAN:	05