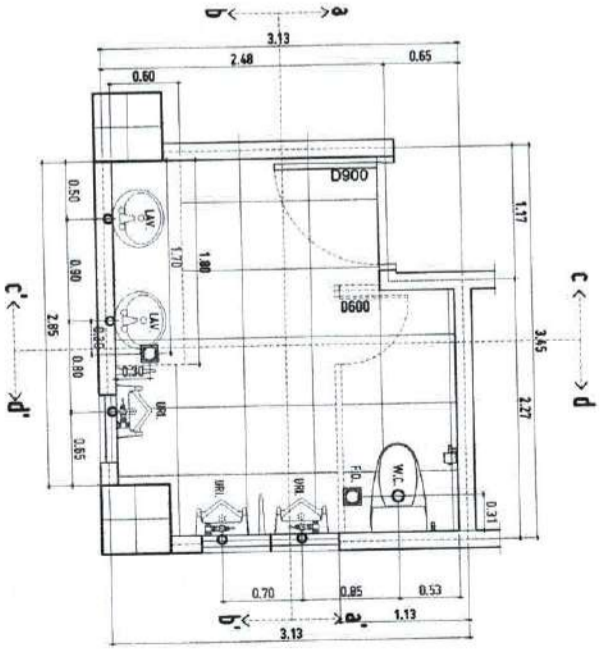
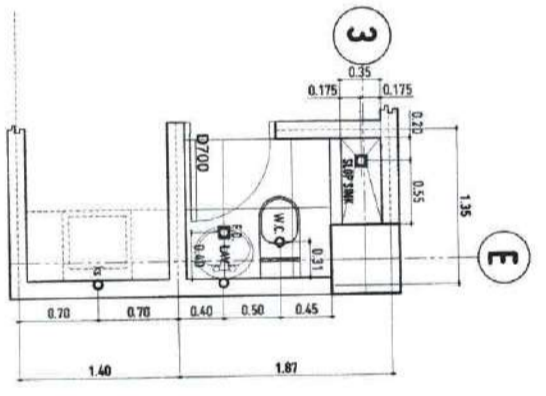
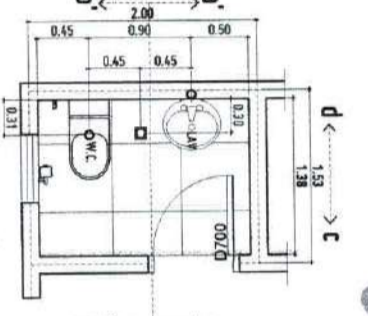
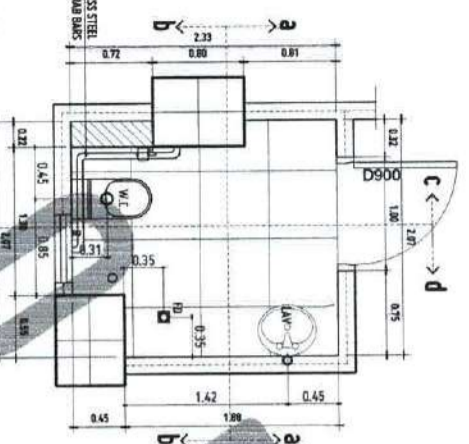


FIFTH FLOOR - WATER LINE LAYOUT - FUTURE DEVELOPMENT
SCALE: 1:100 MTS



STUB-OUT PLAN PWD RESTROOM
SCALE: 1:30 MTS

STUB-OUT PLAN STAFF/FACULTY RESTROOM
SCALE: 1:30 MTS

STUB-OUT PLAN CLINIC RESTROOM
SCALE: 1:30 MTS

STUB-OUT PLAN MALE RESTROOM
SCALE: 1:30 MTS

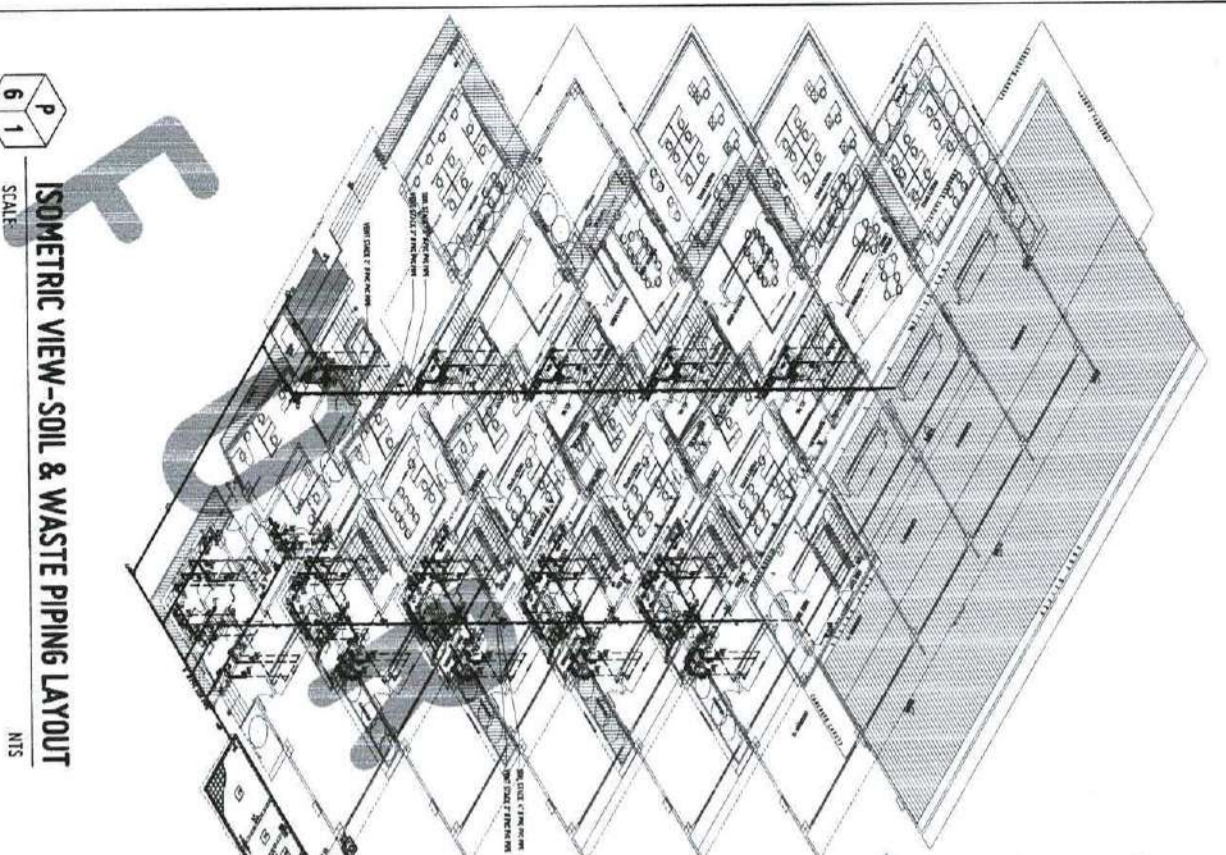


REPUBLIC OF THE PHILIPPINES UNIVERSITY OF SCIENCE AND TECHNOLOGY OF SOUTHERN PHILIPPINES CASAMIAN DE ORION CAMPUS INFRASTRUCTURE PLANNING AND FACILITY DEVELOPMENT UNIT CLASAM DE ORION AVENUE, LAJUAN, CASAMIAN DE ORION, CEBU TELEPHONE: (8092) 735-49-51 / (8092) 830-7178 / (8092) 735-49-51 WEBSITE: www.usstp.edu.ph		RECOMMENDING APPROVAL: ATY. FERDINAND A. ADRIAN DISTRICT OFFICIAL		RECOMMENDING APPROVAL: ATTY. ARWIN B. BODEJO D.C. - VP FOR ADMINISTRATION & LEGAL AFFAIRS		APPROVED BY: DR. ANTONIO B. CULTURA II PRESIDENT, USTP SYSTEM		SHEET CONTENTS: WATER LINE LAYOUT: FIFTH FLOOR FEMALE RESTROOM MALE RESTROOM STAFF/FACULTY RESTROOM		DRAWN BY: _____ DATE: _____ SCALE: _____	
PROJECT: PROPOSED 21ST CENTURY 5 STOREY CLASSROOM BUILDING		LOCATION: USTP VILLALBA CAMPUS, INCASAS ORIENTAL		OWNER: UNIVERSITY OF SCIENCE AND TECHNOLOGY OF SOUTHERN PHILIPPINES		MASTER NUMBER: _____ DATE: _____		PROJECT NUMBER: _____ DATE: _____		THE NO.: _____ SCALE: _____	

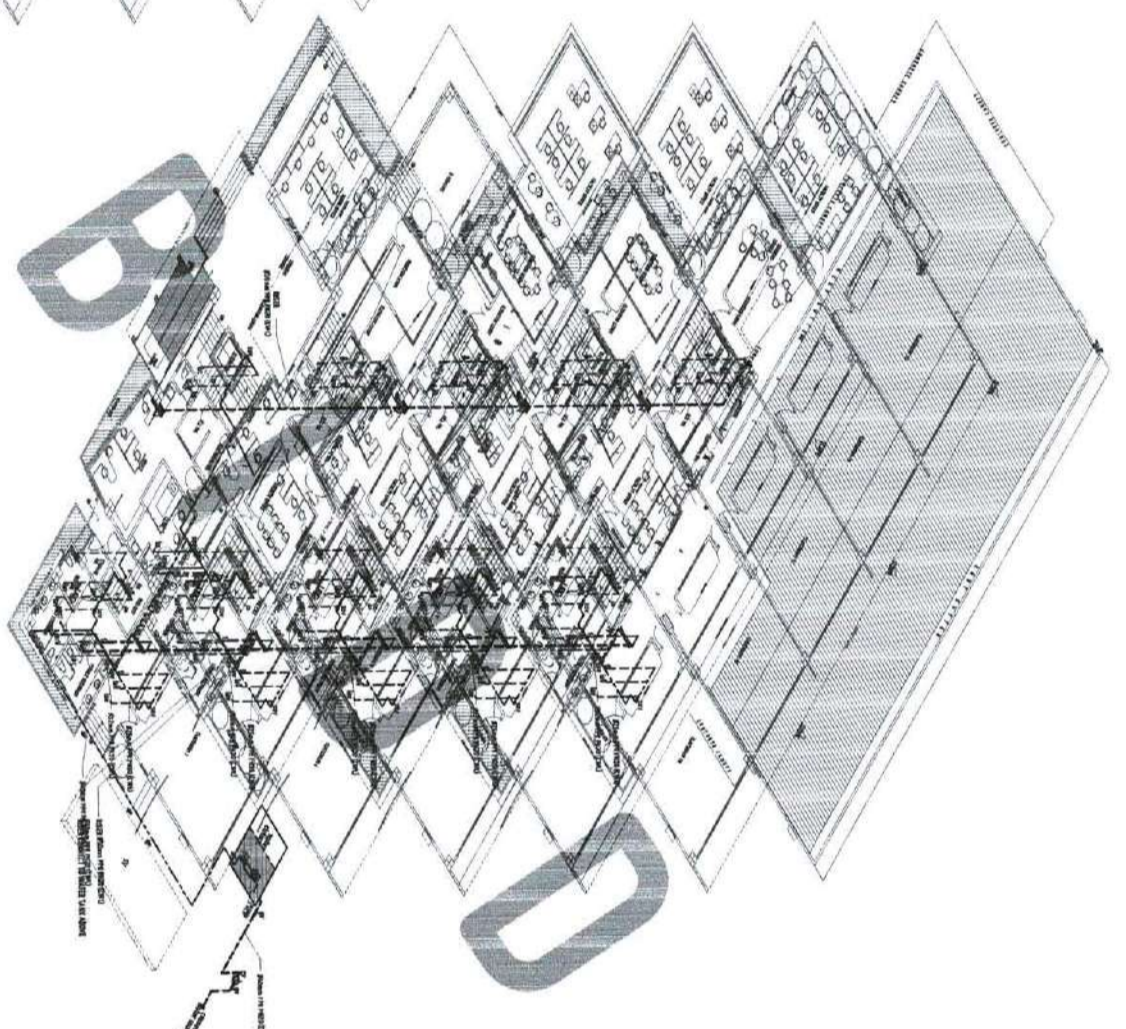
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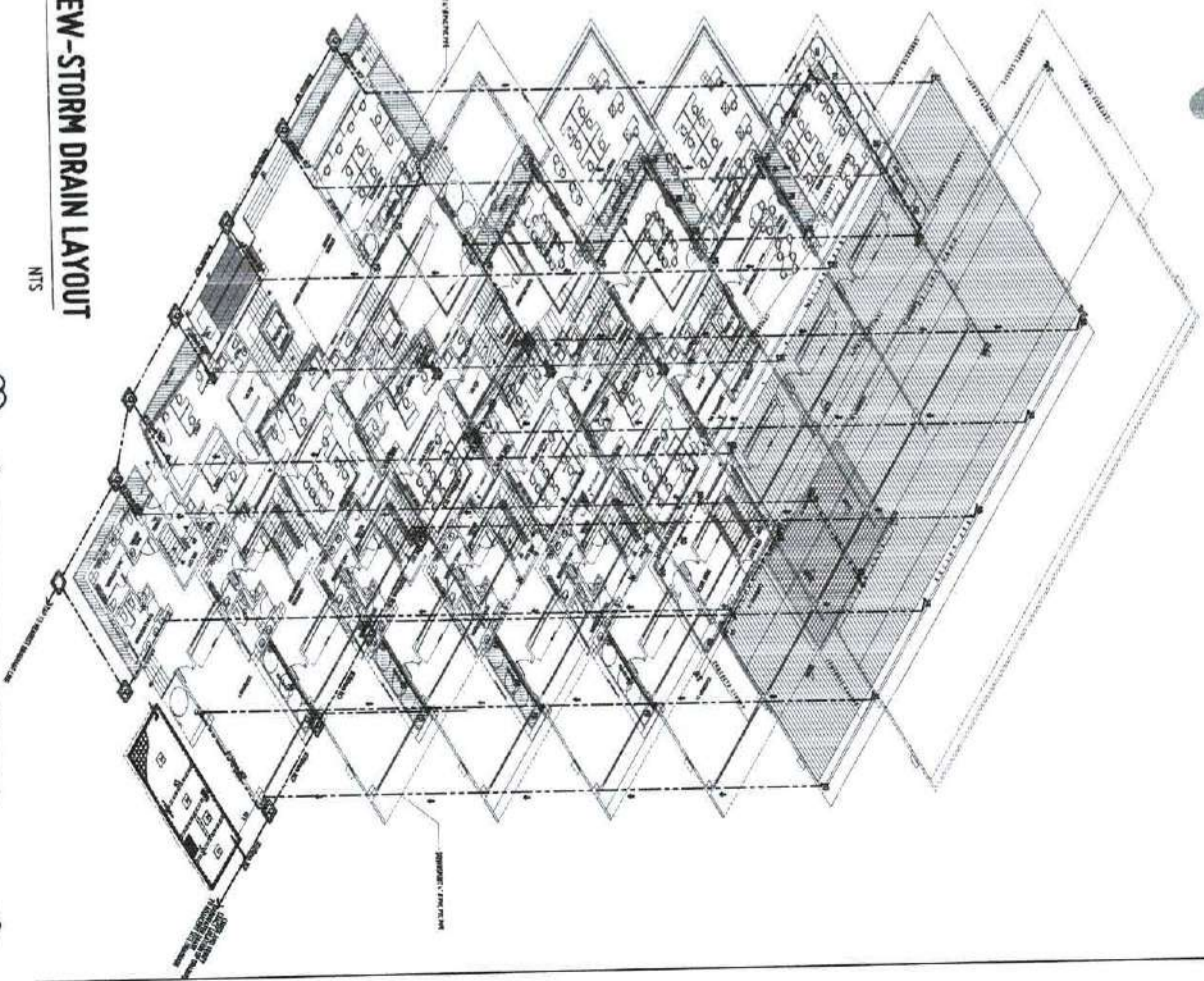
UNIVERSITY OF THE PHILIPPINES



ISOMETRIC VIEW-SOIL & WASTE PIPING LAYOUT
SCALE: **P 6 1**
NTS



ISOMETRIC VIEW-WATER LINE LAYOUT
SCALE: **P 6 2**
NTS



ISOMETRIC VIEW-STORM DRAIN LAYOUT
SCALE: **P 6 3**
NTS

RECOMMENDING APPROVAL:
DR. FERDINANDO A. ALONZO
DIRECTOR, UPD

RECOMMENDING APPROVAL:
ATTY. ERWIN B. BUENGE
DIR. OF REGISTRATIONS & LEGAL AFFAIRS

APPROVED BY:
DR. AMADOR B. CULTURA II
RESIDENT, USTP SYSTEM

SHEET CONTENTS:
ISOMETRIC VIEW
SOIL/WASTE/WATER LAYOUT
WATER LINE LAYOUT

DATE: _____
PAGE: _____
DRAWN BY: _____
CHECKED BY: _____

P6

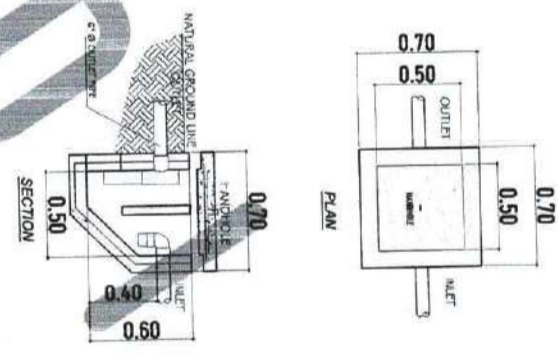


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UNIVERSITY OF SCIENCE AND TECHNOLOGY OF SOUTHERN PHILIPPINES
CLAYAN DE BOD CAMPUS
INFRASTRUCTURE PLANNING AND FACILITY DEVELOPMENT UNIT
CLAYAN DE BOD CAMPUS, CLAYAN DE BOD CITY 8000
TEL: (082) 271-7805 / (082) 271-7806 / (082) 271-7807 / (082) 271-7808
FAX: (082) 271-7809

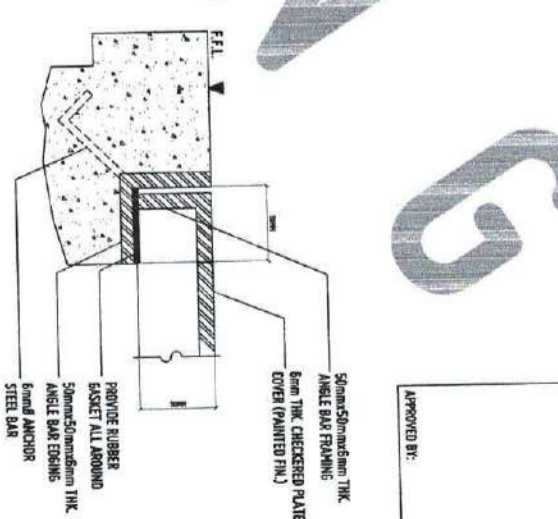
PROJECT NO.	MASTER NUMBER
PROJECT NAME	PROJECT NAME
PROJECT LOCATION	PROJECT LOCATION
PROJECT OWNER	PROJECT OWNER

PROPOSED 21ST CENTURY 5 STOREY CLASSROOM BUILDING
LOCATION: USTP VILLAMORLA CAMPUS, HUMANAS ORIENTAL
OWNER: UNIVERSITY OF SCIENCE AND TECHNOLOGY OF SOUTHERN PHILIPPINES

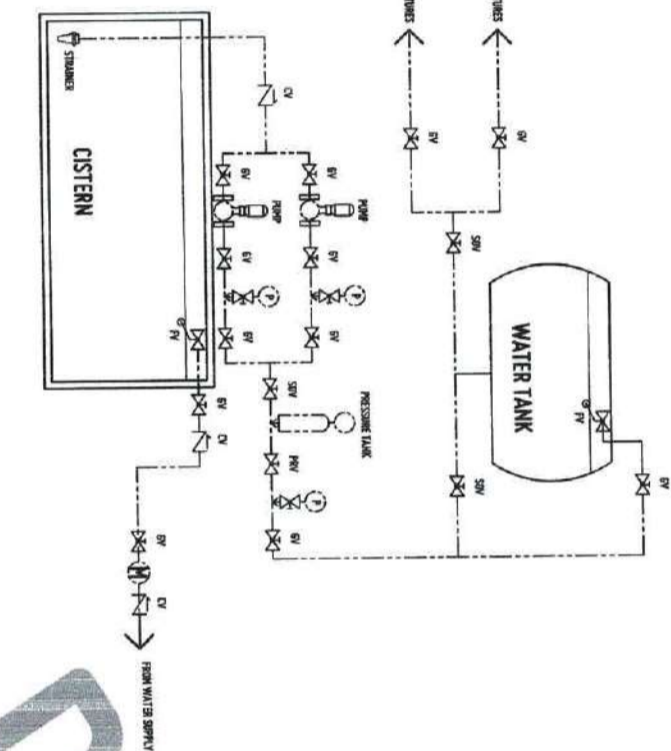
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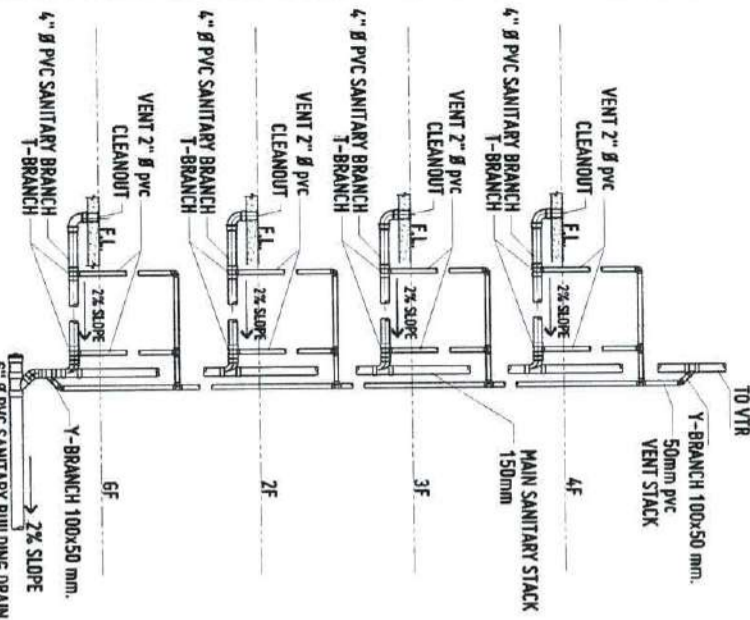
P 7 3 GREASE TRAP DETAIL
SCALE: 1:20 MTS



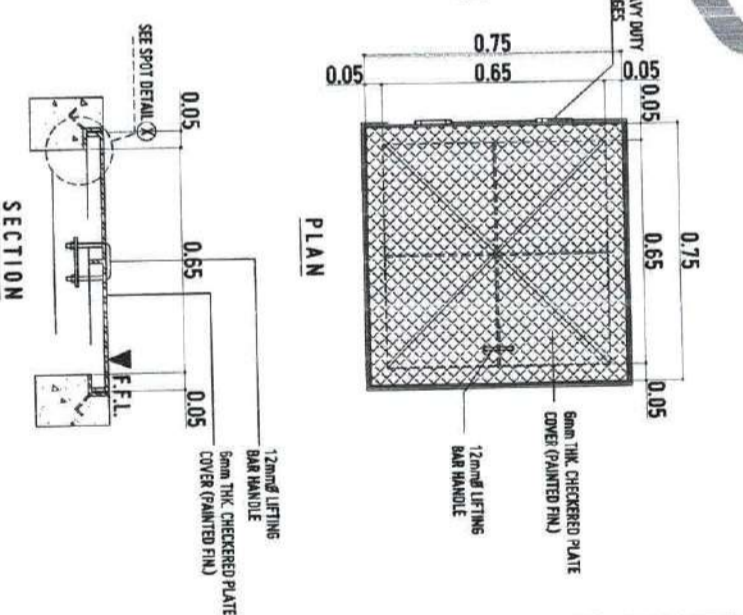
P 7 4 SPOT DETAIL "X"
SCALE: NTS



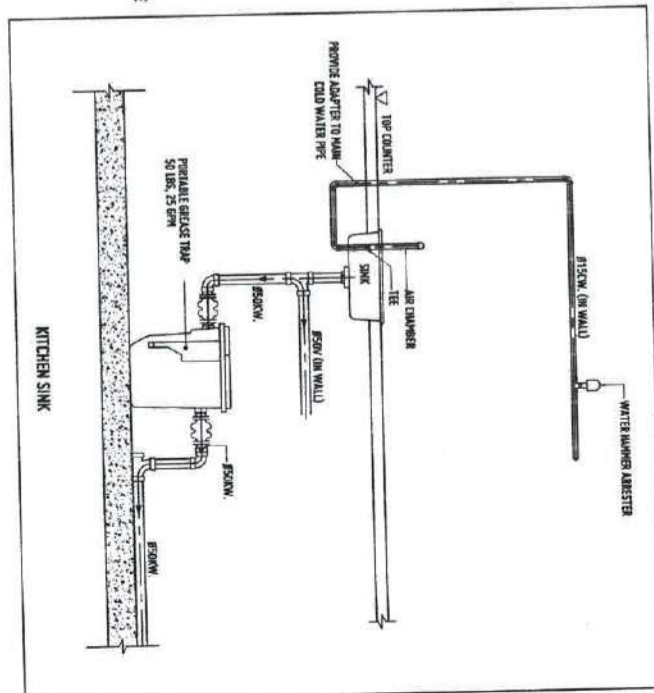
P 7 2 WATER SUPPLY SINGLE LINE DIAGRAM
NOTES



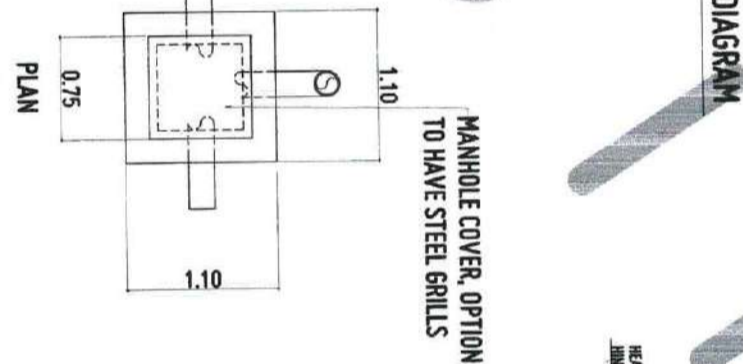
P 7 1 PLUMBING WASTE DIAGRAM
SCALE: NTS



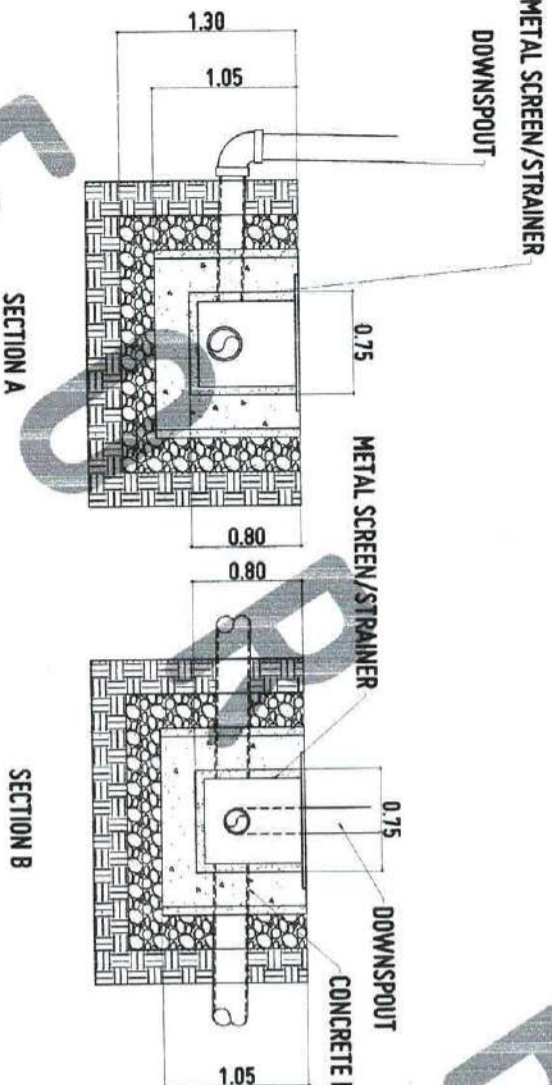
P 7 5 METAL MANHOLE COVER DETAIL
SCALE: 1:10 MTS



P 7 5 PORTABLE GREASE TRAP CONNECTION
SCALE: 1:10 MTS



P 7 6 CATCH BASIN DETAIL
SCALE: 1:25 MTS



P 7 6 CATCH BASIN DETAIL
SCALE: 1:25 MTS



NO.	REVISION	DATE	BY	CHECKED BY
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RECOMMENDING ENGINEER
AK FERONDO

RECOMMENDING APPROVAL
ATTY. ERWIN B. BURDIO

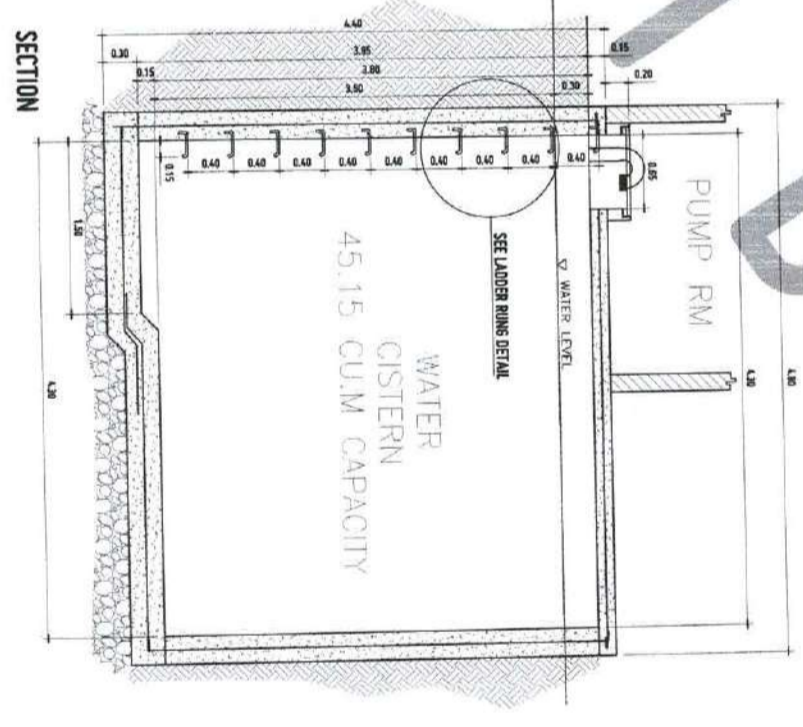
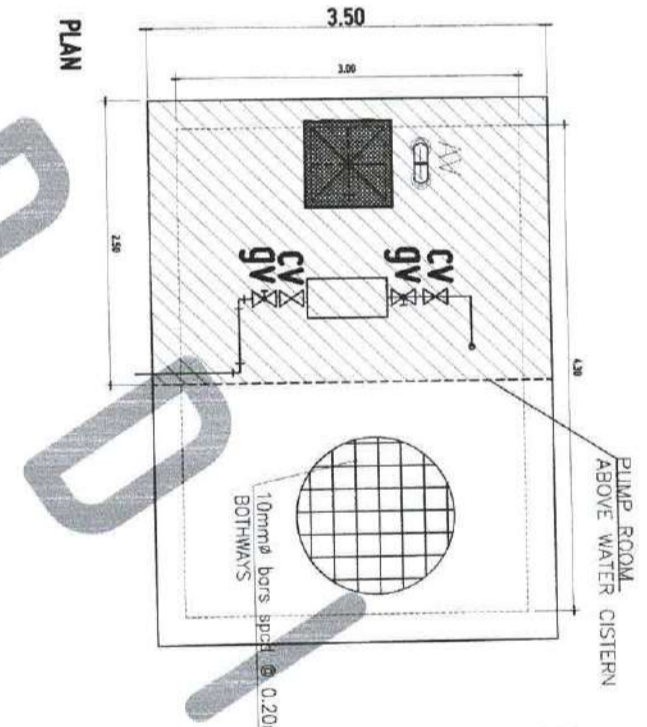
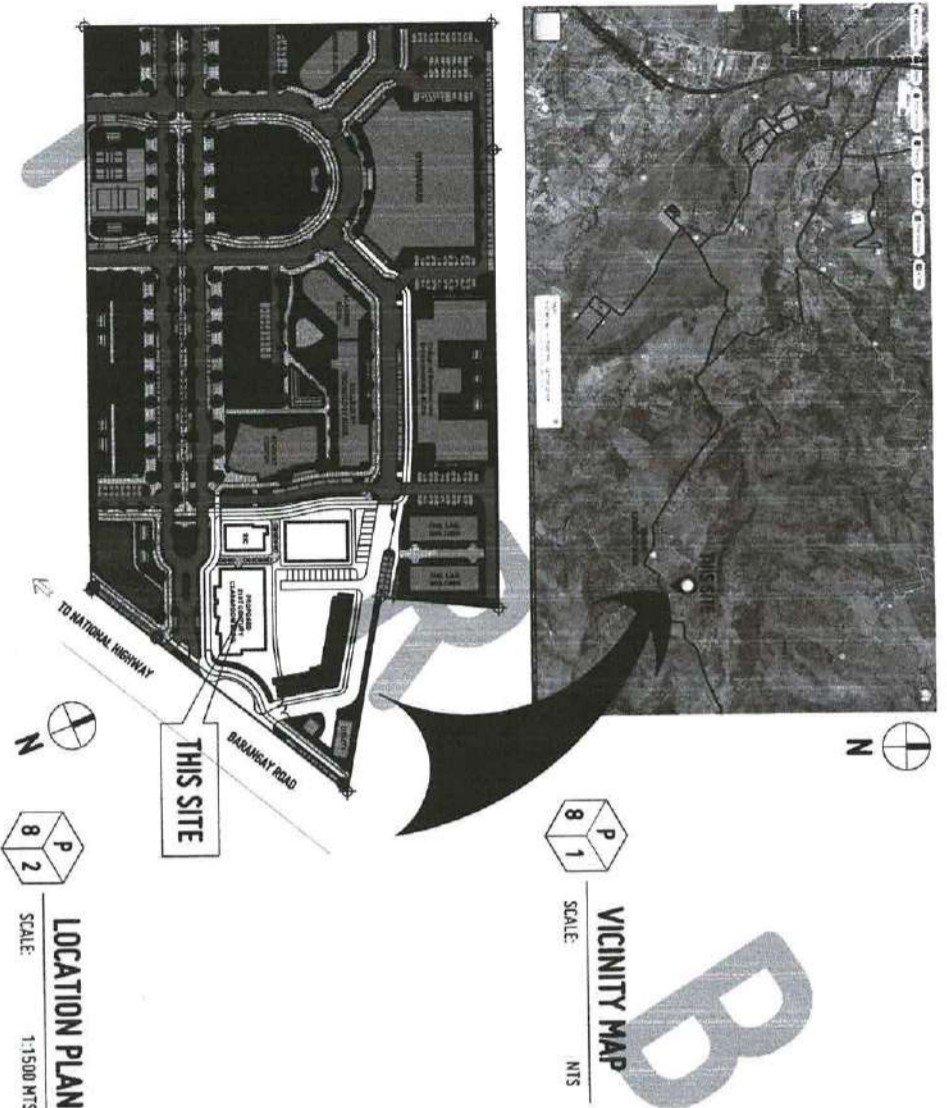
APPROVED BY:
DR. AMBROSIO B. CULTURA II

RESIDENT, USTIP SYSTEM

P7

GENERAL NOTES & SPECIFICATIONS:

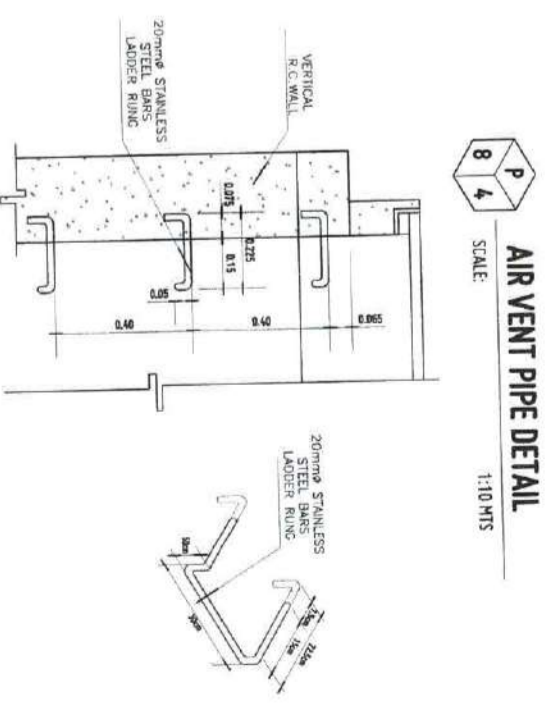
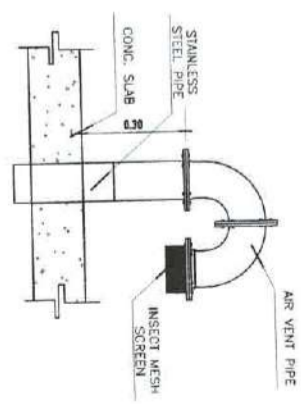
1. ALL PLUMBING WORKS SHOULD BE UNDER THE DIRECT SUPERVISION OF A LICENSED MASTER PLUMBER.
2. ALL PLUMBING INSTALLATION SHOULD BE GOVERNED BY THE NATIONAL PLUMBING CODE OF THE PHILIPPINES AND EXISTING CITY OR LOCAL ORDINANCES.
3. NO SEPTIC VAULT SHALL BE INSTALLED WITHIN OR INSIDE THE BUILDING.
4. TANK MUST BE BUILT WATER TIGHT OF CONCRETE, STONE OR C.I.B.
5. BOTH COMPARTMENTS ARE PROVIDED WITH MANHOLE AND TIGHT COVER FOR CLEANING AND REPAIRS.
6. INLET AND OUTLET ARE SUBMERGED AND ARRANGED IN SUCH A WAY THAT NEITHER SLUDGE NOR SCUM BE UNDULY DISTURBED. BOTTOM OF THE TANK SHOULD HAVE A SLOPE OF 1:10 TOWARDS THE MANHOLE IN THE CENTER TO FACILITATE CLEANING.
7. NOT LESS THAN 0.20M. OF AIRSPACE SHOULD BE LEFT BETWEEN THE TOP OF THE SEWAGE AND THE UNDER PART OF THE TANK.



WATER CISTERN DETAIL
SCALE: 1:30 MTS

Plumbing Symbol

	Corner Ballcock		Pushing Fountain (Dressed)
	Sitz Bath		Draining Fountain (Anti-Reflux)
	Bidet		Water Heater
	Shower Stall		Water Meter
	Shower Head		Hot Water
	Overhead Long Shower		Hot Water
	Pedestal Lavatory		Hot Water
	Wall Lavatory		Hot Water
	Corner Lavatory		Hot Water
	Hydrogeop Lavatory		Hot Water
	Bidet Lavatory		Hot Water
	Standard Urinal Sink		Hot Water
	Kitchen Sink, 1.8 L. Dish Board		Hot Water
	Kitchen Sink, 1.8 L. Drain Board		Hot Water
	Combination Sink & Dishwasher		Hot Water
	Combination Sink & Laundry Tray		Hot Water
	Service Sink		Hot Water
	Wash Sink (Wide-Type)		Hot Water
	Wash Sink (Narrow-Type)		Hot Water
	Laundry Tray (Single)		Hot Water
	Laundry Tray (Double)		Hot Water
	Water Closet (Flush-Type)		Hot Water
	Water Closet (Integral Tank)		Hot Water
	Water Closet (Floor Valve, Floor Outlet)		Hot Water
	Water Closet (Floor Valve, Wall-Hung)		Hot Water
	Urinal (Wall-Hung)		Hot Water
	Urinal (Stand)		Hot Water
	Cold Bath		Hot Water



LADDER RUNG DETAIL
SCALE: 1:10 MTS



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UNIVERSITY OF SCIENCE AND TECHNOLOGY OF SOUTHERN PHILIPPINES
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FAX: (087) 888-4488
WEBSITE: www.ustip.edu.ph

PROJECT	PROPOSED 21ST CENTURY 5 STOREY CLASSROOM BUILDING
LOCATION	USTP VILLALBA CAMPUS, INCASAS ORIENTAL
OWNER	UNIVERSITY OF SCIENCE AND TECHNOLOGY OF SOUTHERN PHILIPPINES

MASTER PLUMBER	PROJECT	OWNER
DATE	PROPOSED 21ST CENTURY 5 STOREY CLASSROOM BUILDING	UNIVERSITY OF SCIENCE AND TECHNOLOGY OF SOUTHERN PHILIPPINES
SCALE	1:1500 MTS	

RECOMMENDING APPROVAL:
AR. FERDINANDA B. BARRERA
DIRECTOR, USTP

RECOMMENDING APPROVAL:
ATTY. ERWIN B. BARRERA
DIRECTOR, USTP

APPROVED BY:
DR. AMELIA B. CULTURA II
PRESIDENT, USTP SYSTEM

DATE DRAWN	DATE CHECKED
DATE REVISION	DATE REVISION

P8

