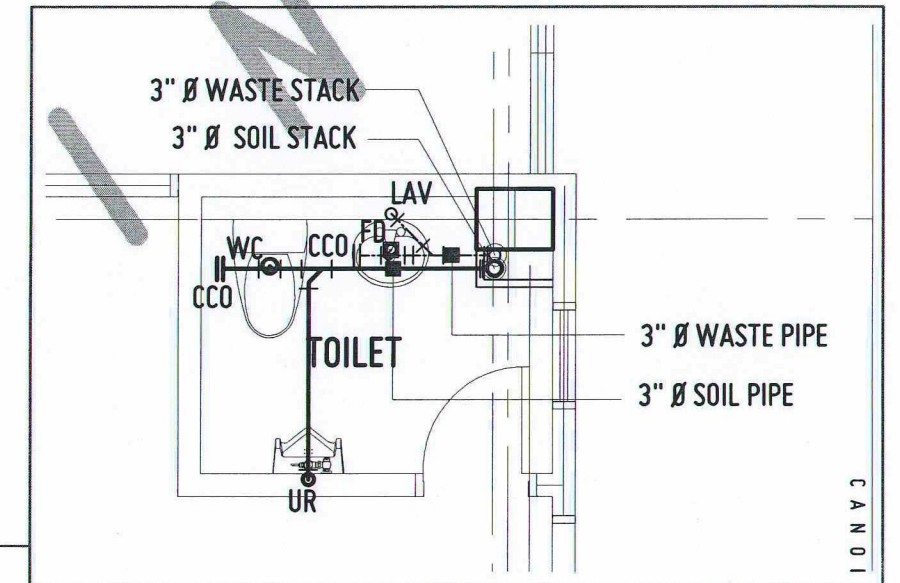
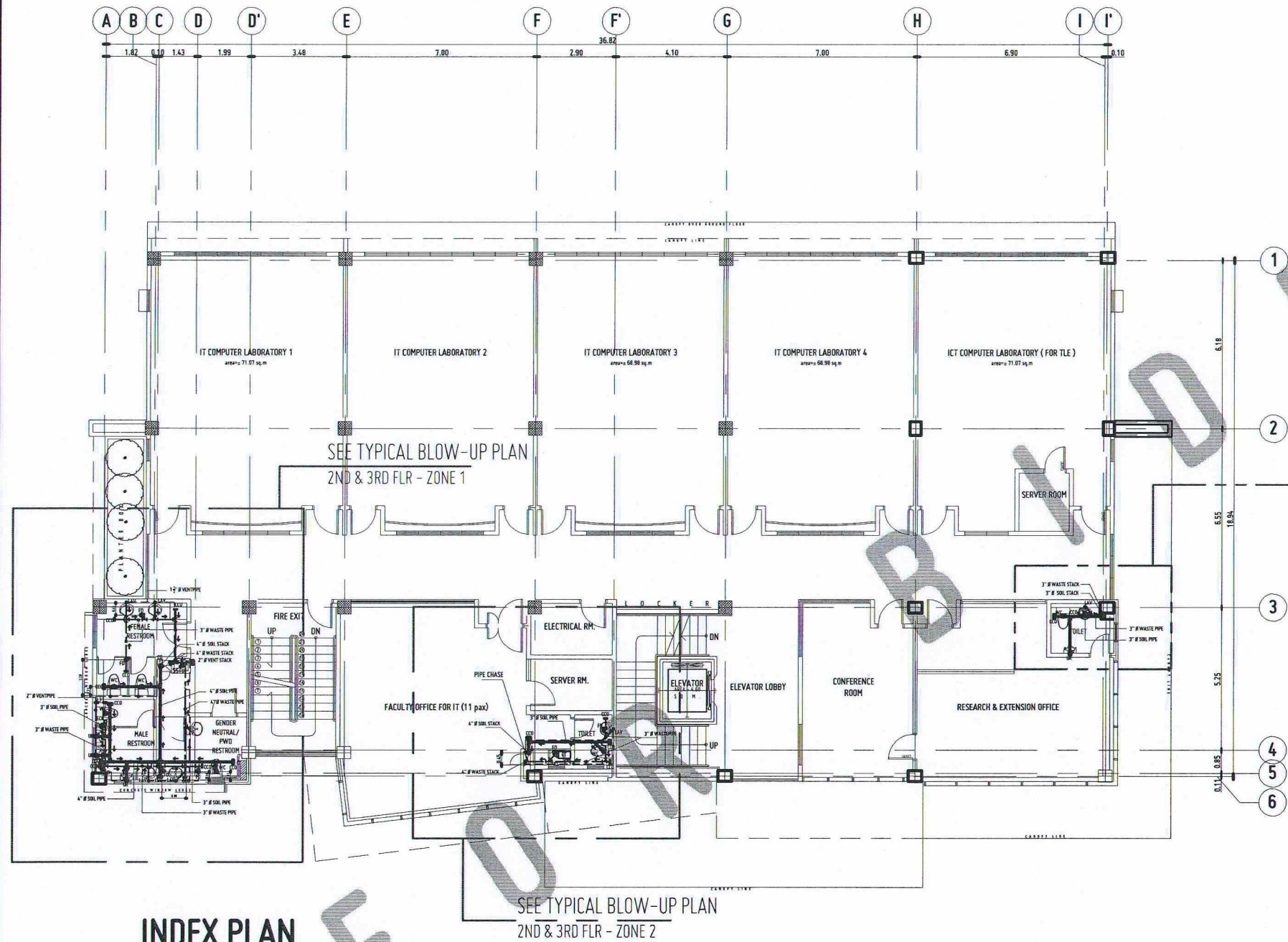
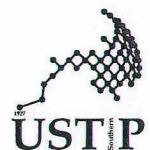




BLOW-UP PLAN
RESEARCH & EXTENSION OFFICE RESTROOM
SCALE: 1:50 MTS

INDEX PLAN
SECOND FLOOR
SCALE: 1:200 MTS

SOIL & WASTE PIPING LAYOUT PLAN



REPUBLIC OF THE PHILIPPINES
UNIVERSITY OF SCIENCE AND TECHNOLOGY OF SOUTHERN PHILIPPINES
CAGAYAN DE ORO CAMPUS
INFRASTRUCTURE PLANNING AND FACILITY DEVELOPMENT UNIT
CLARO M. RECTO AVENUE, LAPASAN, CAGAYAN DE ORO CITY 9000
TELEPHONE # (08822) 72-60-65 / (088) 856-1738 / 856-1739 | TELE FAX (088) 856-4686
WEBSITE: www.ustp.edu.ph

MASTER PLUMBER/SANITARY ENGINEER		PROJECT
PRC NO.	PIR NO.	LOCATION
DATE	DATE	OWNER
PLACE	PLACE	

ESTABLISHMENT OF
THREE-STORY SMART COMPUTING ACADEMIC
BUILDING, PHASE 1, OROQUIETA CAMPUS
USTP OROQUIETA CAMPUS, MISAMIS OCCIDENTAL
UNIVERSITY OF SCIENCE & TECHNOLOGY OF SOUTHERN PHILIPPINES

RECOMMENDING APPROVAL:

ENGR. GRACE C. BABA
DIRECTOR, INFRASTRUCTURE PLANNING
& FACILITIES DEVELOPMENT OFFICE

RECOMMENDING APPROVAL:

DR. GLORIMER L. CLARIN
CAMPUS DIRECTOR, USTP OROQUIETA

RECOMMENDING APPROVAL:

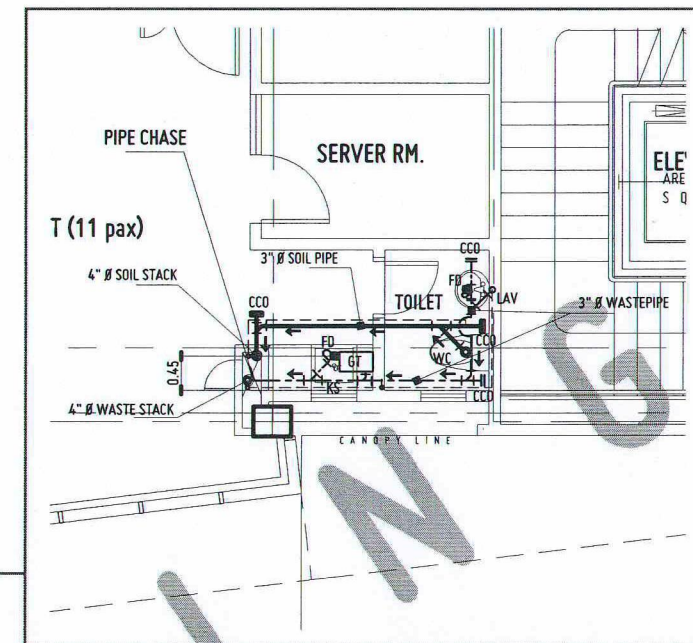
ATTY. JONATHAN S. OCHE, DPA
VICE PRESIDENT FOR ADMINISTRATION
AND LEGAL AFFAIRS

APPROVED BY:

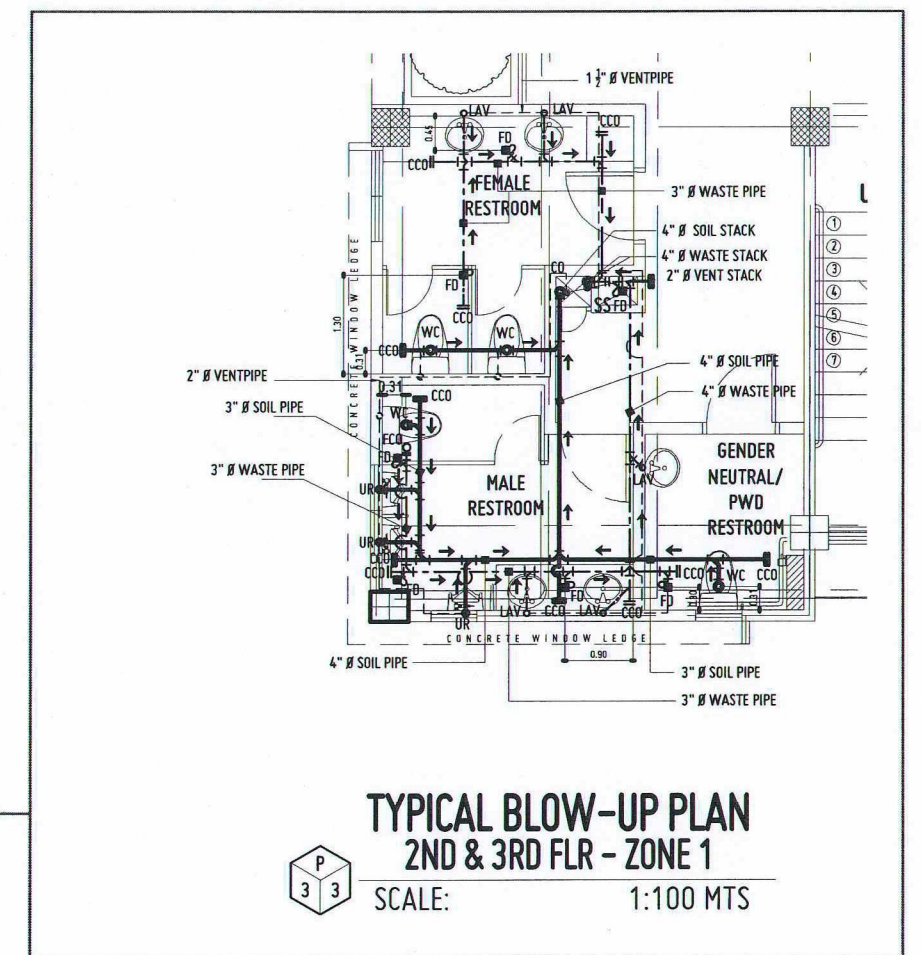
DR. AMBROSIO B. CULTURA II
PRESIDENT, USTP SYSTEM

SHEET CONTENTS:
SOIL & WASTE LINE PIPING
LAYOUT PLAN
-INDEX PLAN: SECOND FLOOR
-BLOW-UP PLAN: RESEARCH
& EXTENSION OFFICE RESTRM

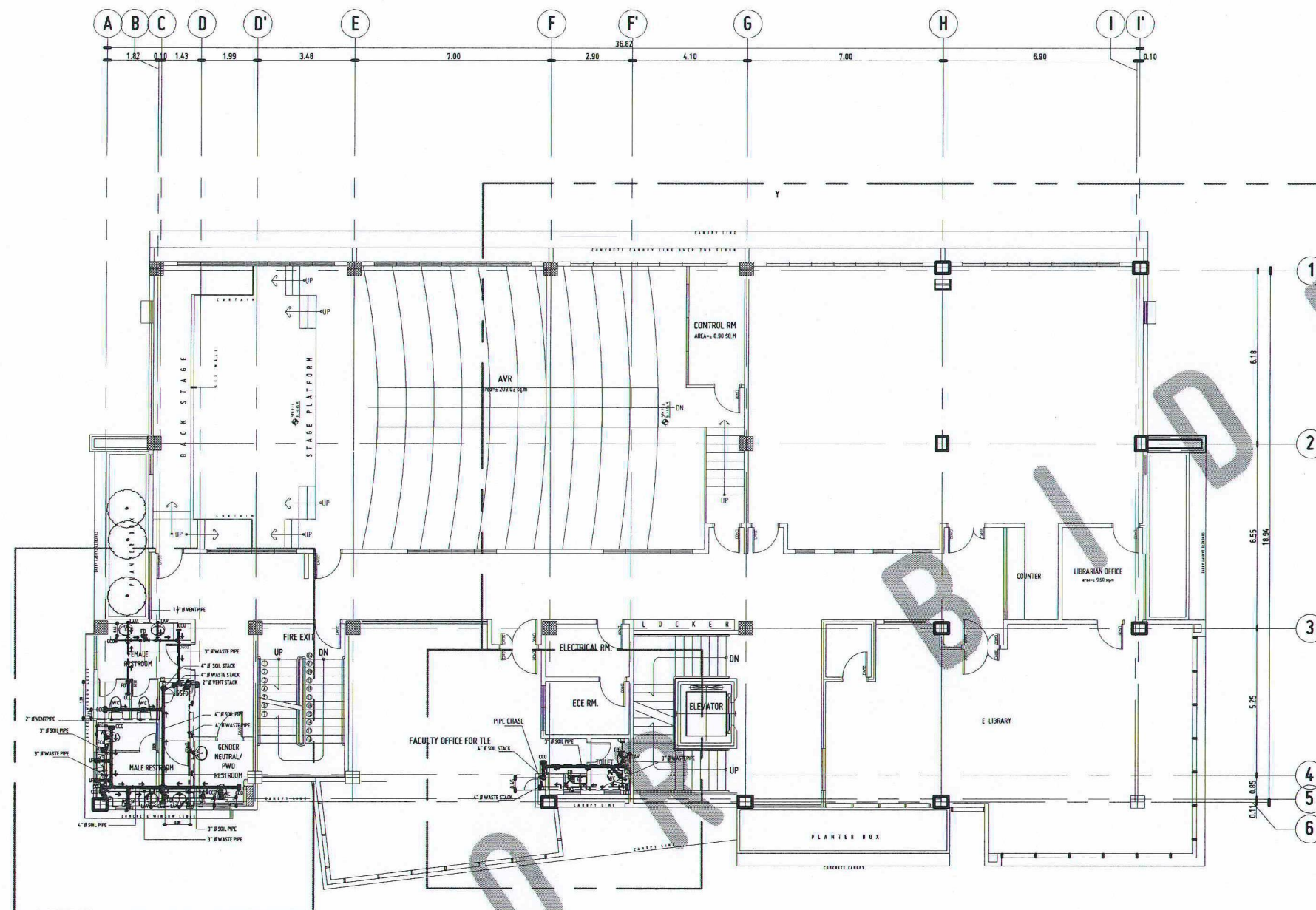
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MAXFER
DATE DRAWN:
FNT:



TYPICAL BLOW-UP PLAN
2ND & 3RD FLR - ZONE 2
SCALE: 1:100 MTS



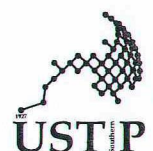
TYPICAL BLOW-UP PLAN
2ND & 3RD FLR - ZONE 1
SCALE: 1:100 MTS



INDEX PLAN
THIRD FLOOR

SCALE: 1:200 MTS

SOIL & WASTE PIPING LAYOUT PLAN



REPUBLIC OF THE PHILIPPINES
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INFRASTRUCTURE PLANNING AND FACILITY DEVELOPMENT UNIT

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WEBSITE: www.ustp.edu.ph

MASTER PLUMBER/SANITARY ENGINEER		PROJECT
PRC NO.	PTIR NO.	ESTABLISHMENT OF THREE-STORY SMART COMPUTING ACADEMIC BUILDING, PHASE 1, OROQUIETA CAMPUS
DATE	LOCATION	
PLACE	OWNER	
		UNIVERSITY OF SCIENCE & TECHNOLOGY OF SOUTHERN PHILIPPINES

RECOMMENDING APPROVAL:
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DIRECTOR, INFRASTRUCTURE PLANNING & FACILITIES DEVELOPMENT OFFICE

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CAMPUS DIRECTOR, USTP OROQUIETA

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APPROVED BY:
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PRESIDENT, USTP SYSTEM

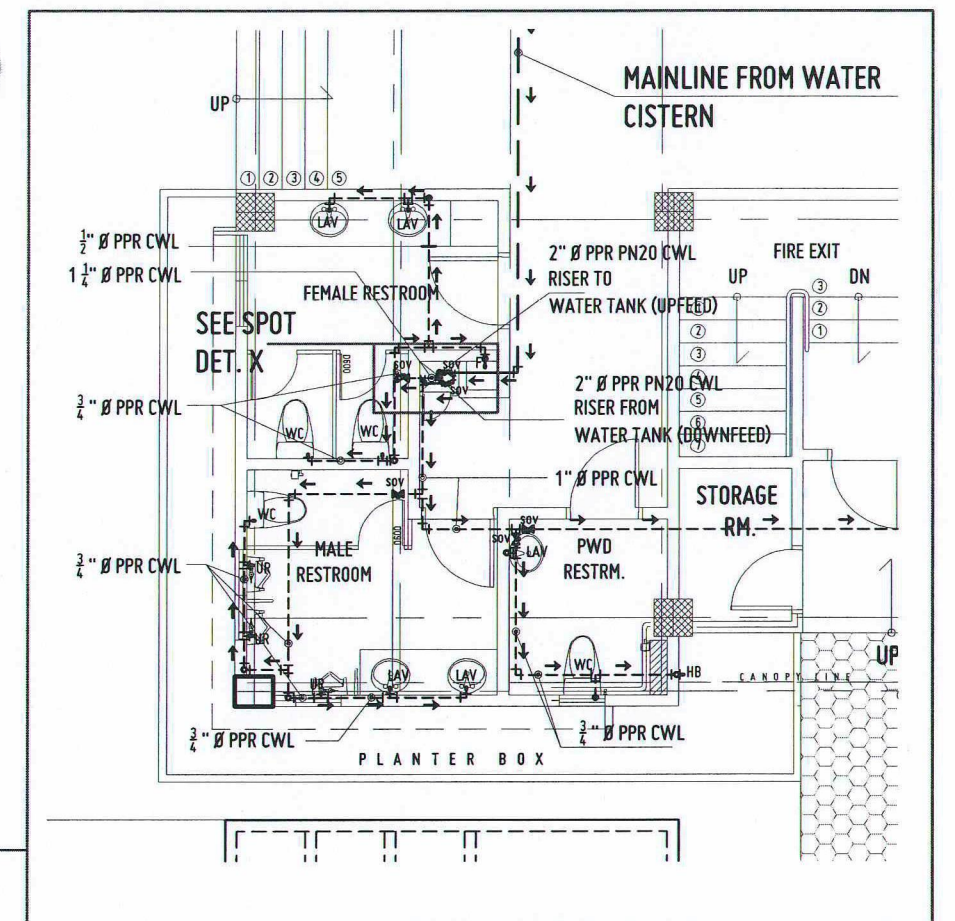
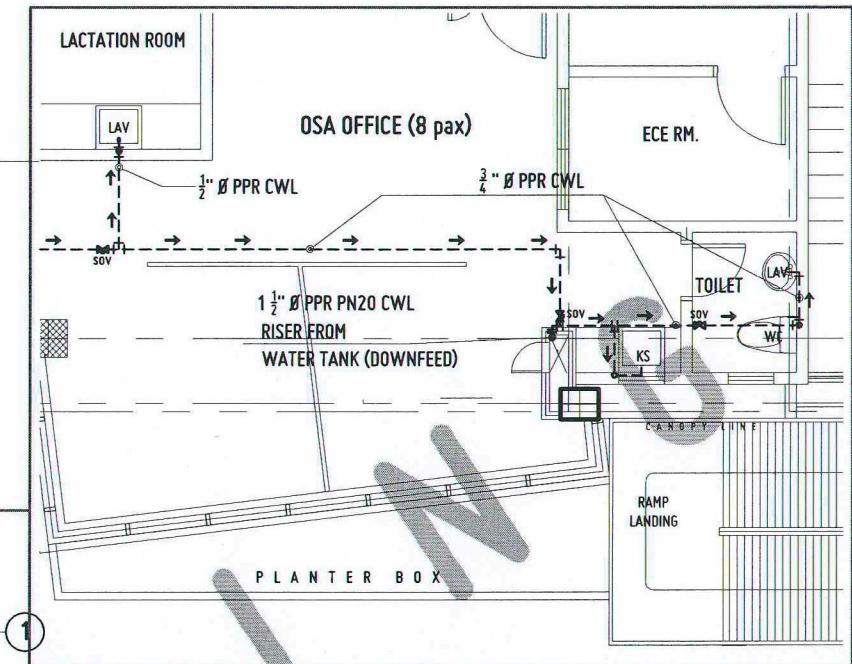
SHEET CONTENTS:
SOIL & WASTE LINE PIPING LAYOUT PLAN: - INDEX PLAN: THIRD FLOOR - TYPICAL BLOW-UP PLAN Z1 - TYPICAL BLOW-UP PLAN Z2

DRAWN BY:
MAXFER
DATE DRAWN:
PKT:

P3

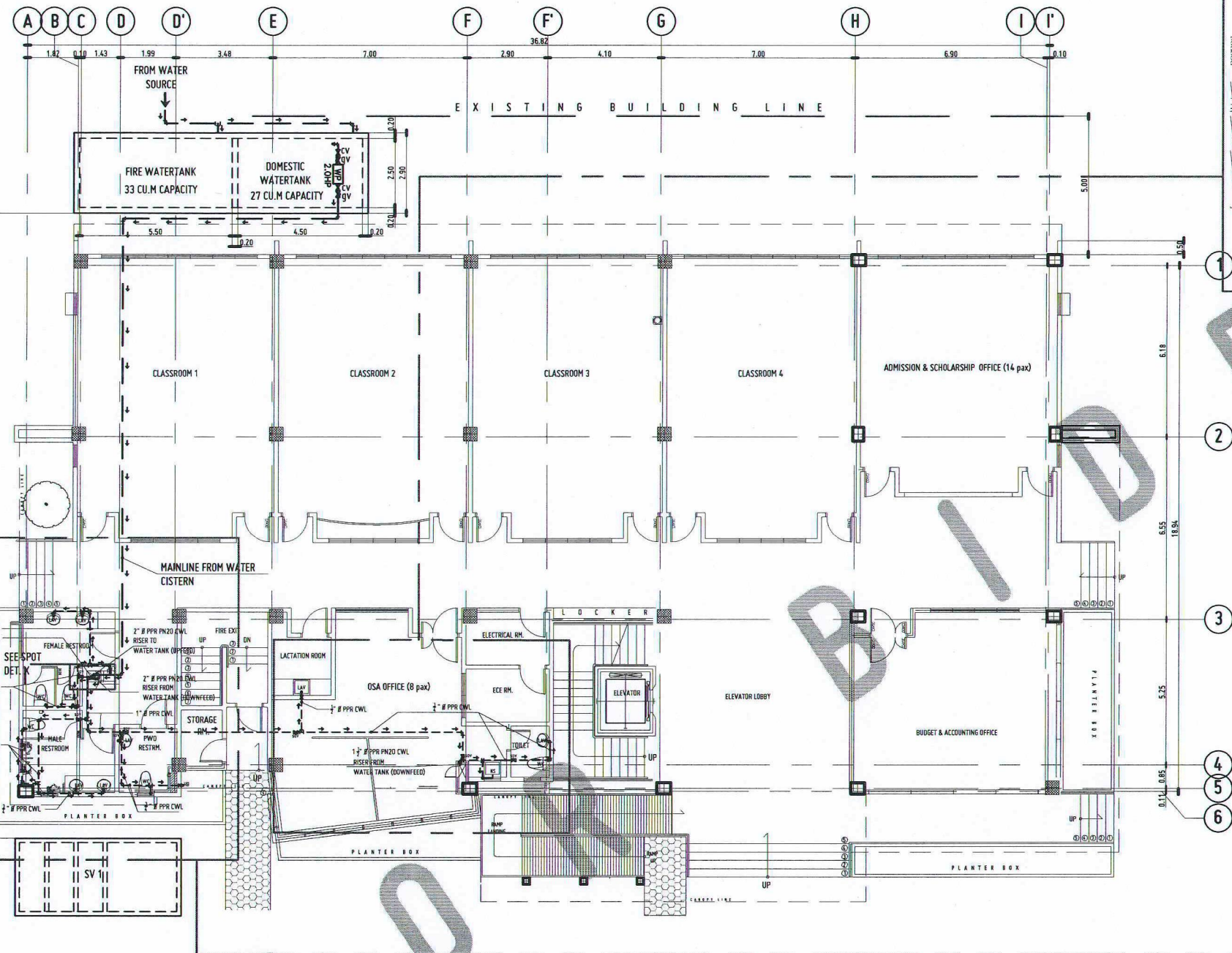
BLOW-UP PLAN ZONE 2

SCALE: 1:100 MTS



BLOW-UP PLAN ZONE 1

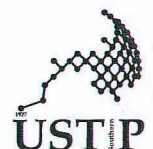
SCALE: 1:100 MTS



INDEX PLAN GROUND FLOOR

SCALE: 1:200 MTS

WATERLINE LAYOUT PLAN



REPUBLIC OF THE PHILIPPINES
UNIVERSITY OF SCIENCE AND TECHNOLOGY OF SOUTHERN PHILIPPINES
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MASTER PLUMBER/SANITARY ENGINEER		PROJECT
PRC NO.	PTR NO.	LOCATION
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PLACE	PLACE	UNIVERSITY OF SCIENCE & TECHNOLOGY OF SOUTHERN PHILIPPINES

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CAMPUS DIRECTOR, USTP OROQUIETA

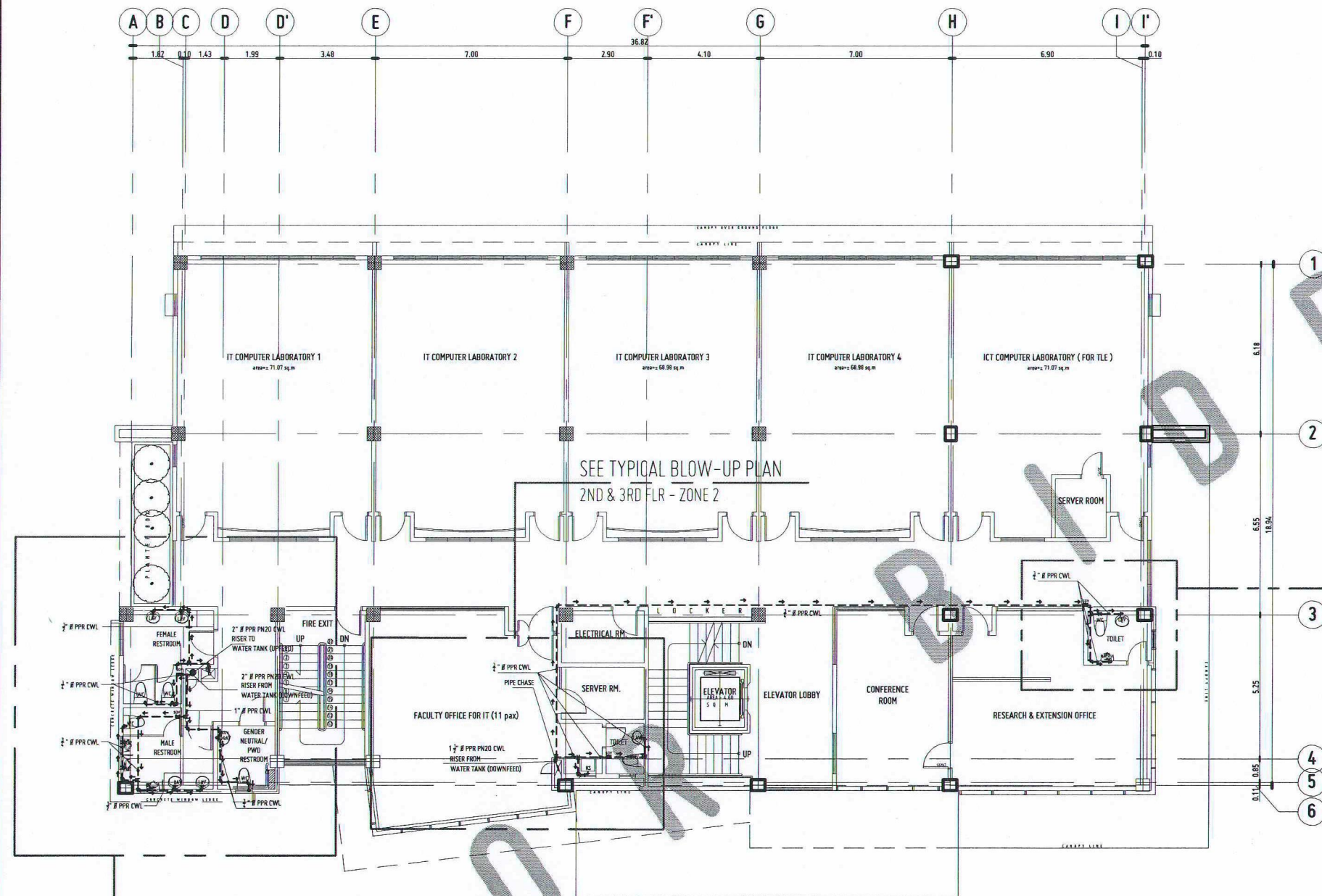
RECOMMENDING APPROVAL:
ATTY. JONATHAN S. OCHE, DPA
VICE PRESIDENT FOR ADMINISTRATION AND LEGAL AFFAIRS

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

SHEET CONTENTS:
WATER LINE PIPING LAYOUT PLAN: GROUND FLOOR
INDEX PLAN
BLOW-UP PLAN ZONE1
BLOW-UP PLAN ZONE2

DRAWN BY:
DATE DRAWN:
FWT:

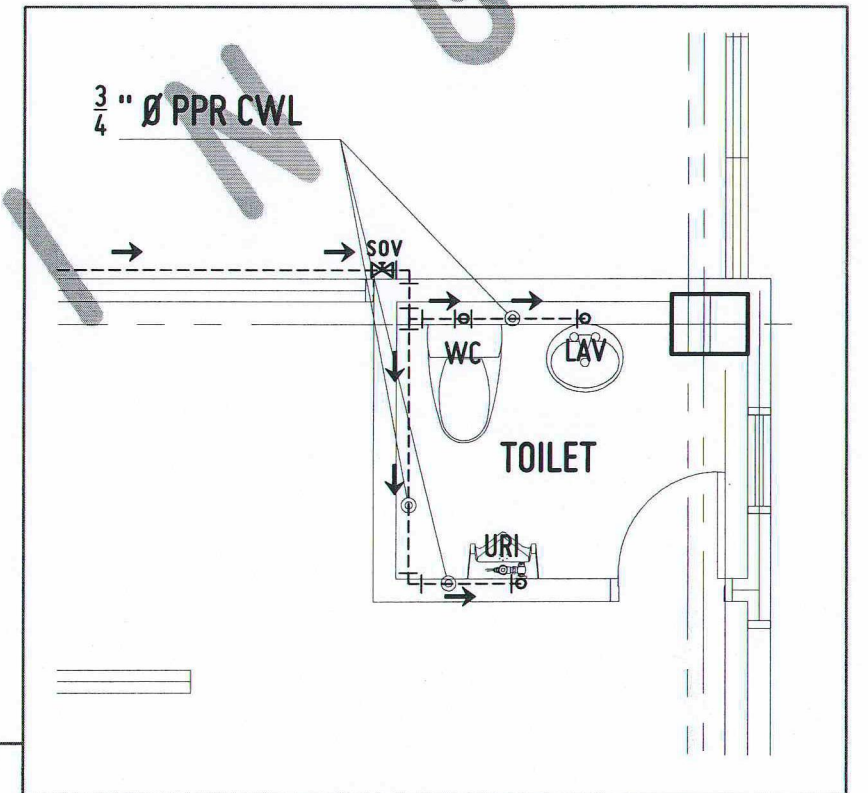
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SEE TYPICAL BLOW-UP PLAN
2ND & 3RD FLR - ZONE 1

INDEX PLAN SECOND FLOOR

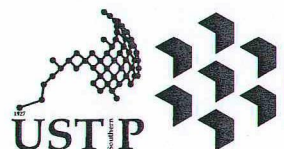
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BLOW-UP PLAN RESEARCH & EXTENSION OFFICE RESTROOM

SCALE: 1:50 MTS

WATERLINE LAYOUT PLAN



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MASTER PLUMBER/SANITARY ENGINEER		PROJECT	ESTABLISHMENT OF THREE-STORY SMART COMPUTING ACADEMIC BUILDING, PHASE 1, OROQUIETA CAMPUS
PRC NO.	PTR NO.	LOCATION	USTP OROQUIETA CAMPUS, MISAMIS OCCIDENTAL
DATE	PLACE	OWNER	UNIVERSITY OF SCIENCE & TECHNOLOGY OF SOUTHERN PHILIPPINES
TIN NO.			

RECOMMENDING APPROVAL:
ENGR. GRACE C. BABA
DIRECTOR, INFRASTRUCTURE PLANNING
& FACILITIES DEVELOPMENT OFFICE

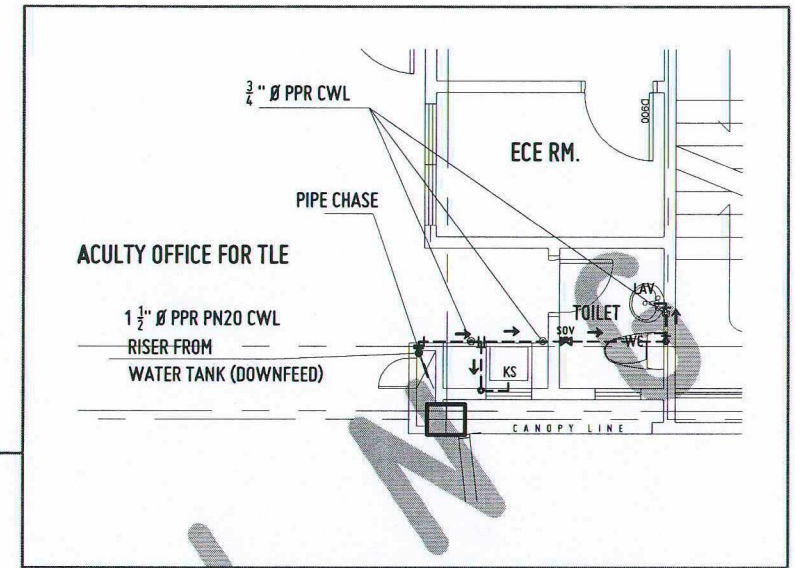
RECOMMENDING APPROVAL:
DR. GLORIMER L. CLARIN
CAMPUS DIRECTOR, USTP OROQUIETA

RECOMMENDING APPROVAL:
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VICE PRESIDENT FOR ADMINISTRATION
AND LEGAL AFFAIRS

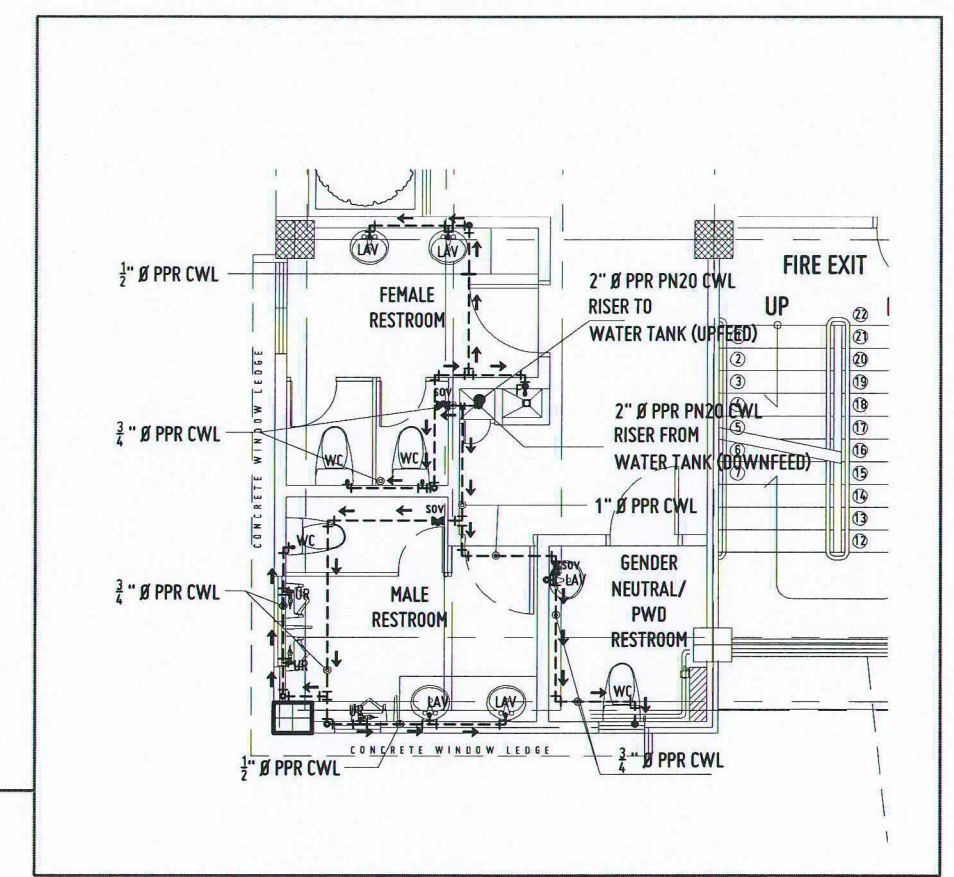
APPROVED BY:
DR. AMBROSIO B. CULTURA II
PRESIDENT, USTP SYSTEM

SHEET CONTENTS:
WATER LINE PIPING
LAYOUT PLAN
-INDEX PLAN: SECOND FLOOR
-BLOW-UP PLAN: RESEARCH
& EXTENSION OFFICE RESTRM

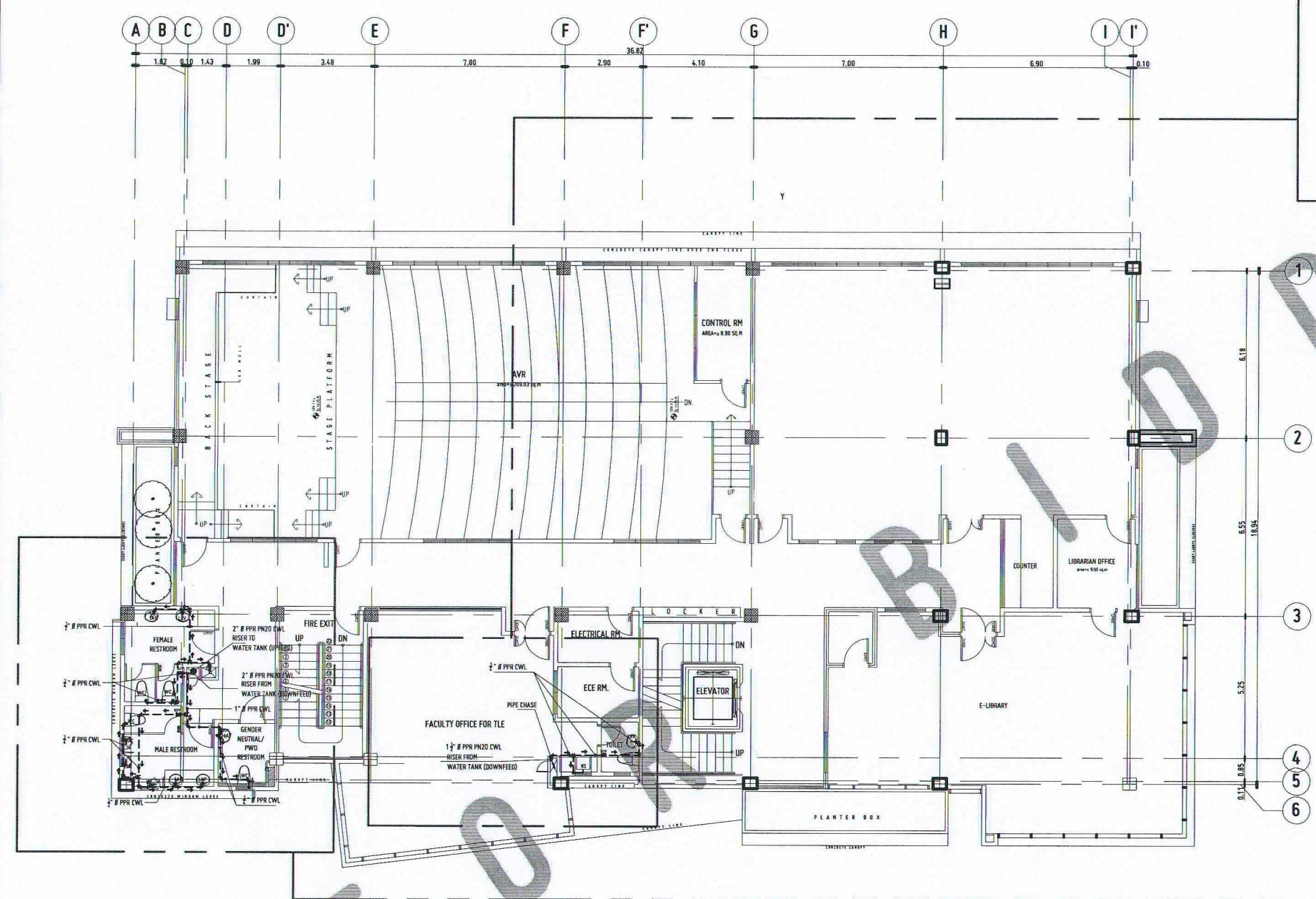
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DATE DRAWN:
FNT:



TYPICAL BLOW-UP PLAN
2ND & 3RD FLR - ZONE 2
SCALE: 1:100 MTS

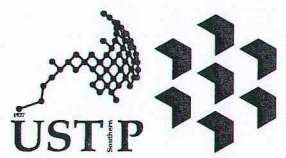


TYPICAL BLOW-UP PLAN
2ND & 3RD FLR - ZONE 1
SCALE: 1:100 MTS



INDEX PLAN
THIRD FLOOR
SCALE: 1:200 MTS

WATERLINE LAYOUT PLAN



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MASTER PLUMBER/SANITARY ENGINEER	PROJECT	ESTABLISHMENT OF THREE-STORY SMART COMPUTING ACADEMIC BUILDING, PHASE 1, OROQUIETA CAMPUS
PRC NO.	PTR NO.	LOCATION
DATE	DATE	USTP OROQUIETA CAMPUS, MISAMIS OCCIDENTAL
TIN NO.	PLACE	OWNER
		UNIVERSITY OF SCIENCE & TECHNOLOGY OF SOUTHERN PHILIPPINES

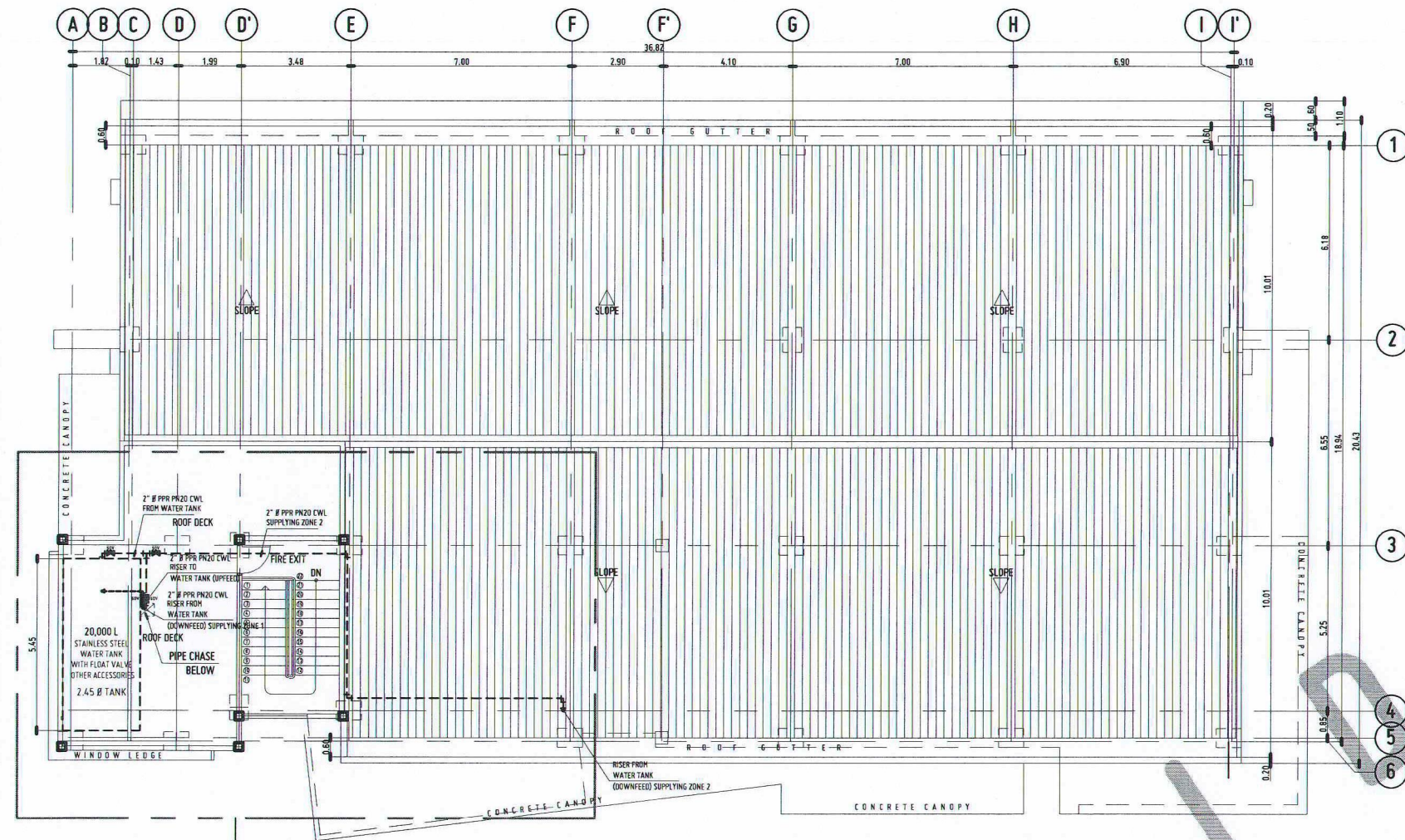
RECOMMENDING APPROVAL:
ENGR. GRACE C. BABA
DIRECTOR, INFRASTRUCTURE PLANNING
& FACILITIES DEVELOPMENT OFFICE

RECOMMENDING APPROVAL:
DR. GLORIMER L. CLARIN
CAMPUS DIRECTOR, USTP OROQUIETA

RECOMMENDING APPROVAL:
ATTY. JONATHAN S. OCHE, DPA
VICE PRESIDENT FOR ADMINISTRATION
AND LEGAL AFFAIRS

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

SHEET CONTENTS:	DRAWN BY:
WATER LINE PIPING LAYOUT PLAN: - INDEX PLAN: THIRD FLOOR - BLOW-UP PLAN ZONE1 - BLOW-UP PLAN ZONE2	DATE DRAWN:
	INT:



INDEX PLAN
ROOF DECK

P
7
1

SCALE: 1:200 MTS

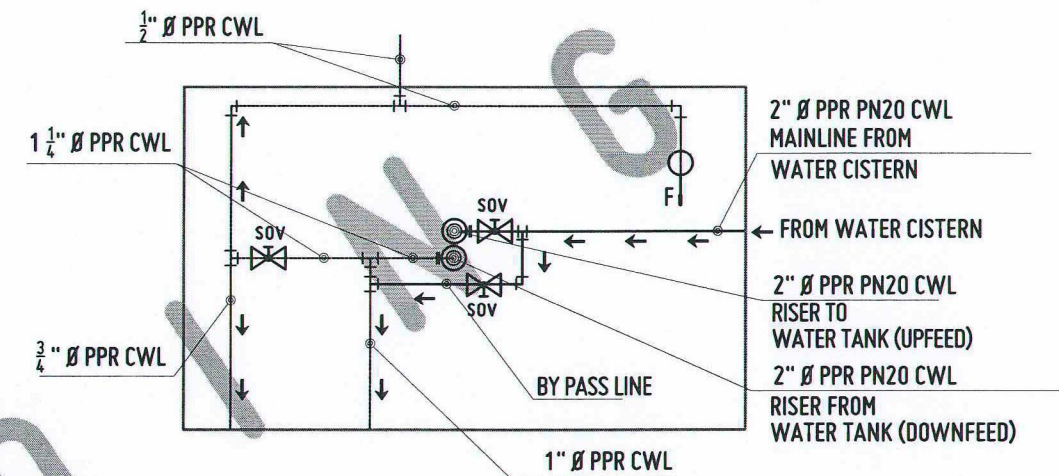
BLOW-UP PLAN
ZONE 1

P
7
2

SCALE: 1:100 MTS

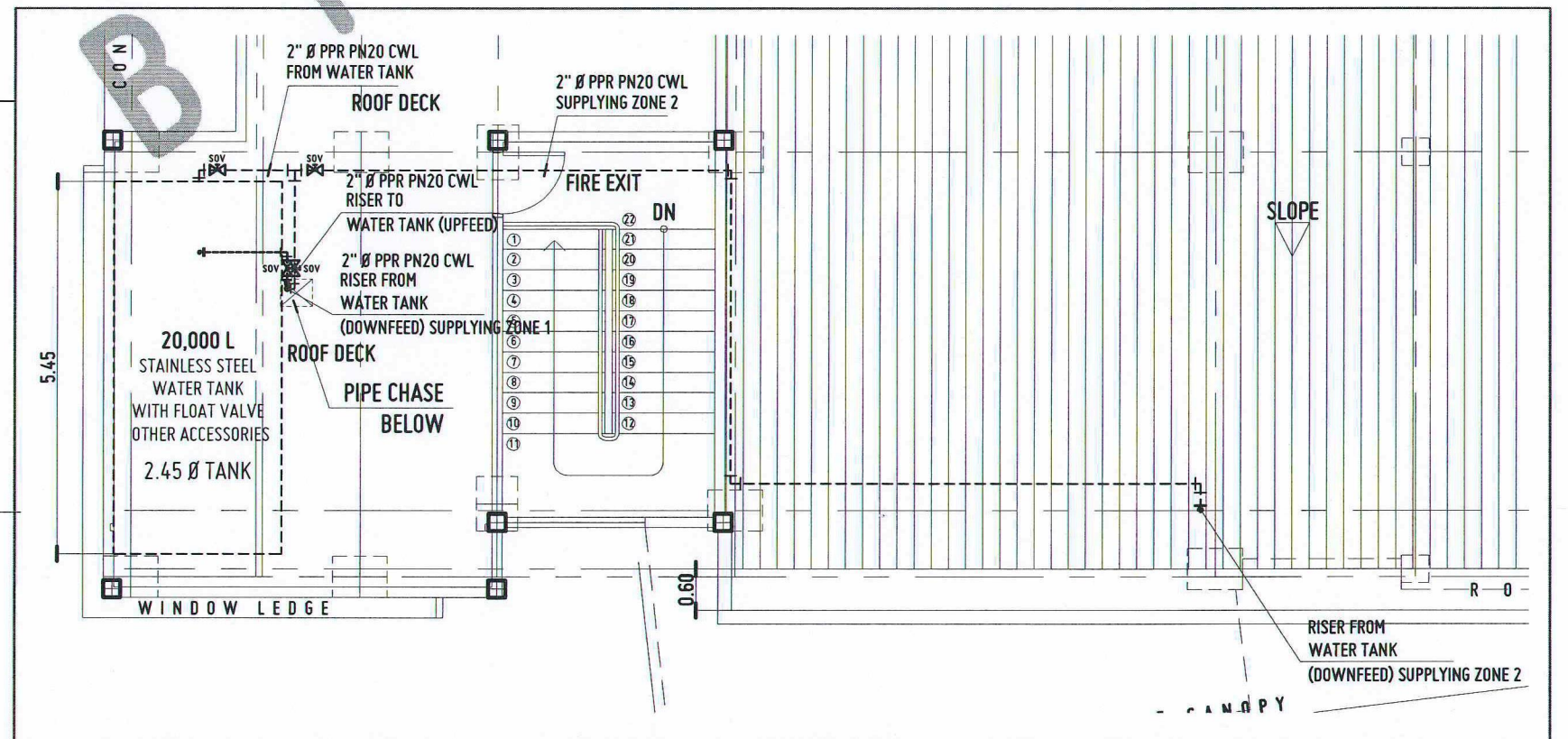
WATERLINE LAYOUT PLAN

P
7
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SPOT DETAIL "X"

SCALE: 1:30 MTS



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MASTER PLUMBER/SANITARY ENGINEER	PROJECT	ESTABLISHMENT OF THREE-STOREY SMART COMPUTING ACADEMIC BUILDING, PHASE 1, OROQUIETA CAMPUS
PRC NO.	DATE	LOCATION USTP OROQUIETA CAMPUS, MISAMIS OCCIDENTAL
TIN NO.	PLACE	OWNER UNIVERSITY OF SCIENCE & TECHNOLOGY OF SOUTHERN PHILIPPINES

RECOMMENDING APPROVAL:
ENGR. GRACE C. BABA
DIRECTOR, INFRASTRUCTURE PLANNING
& FACILITY DEVELOPMENT OFFICE

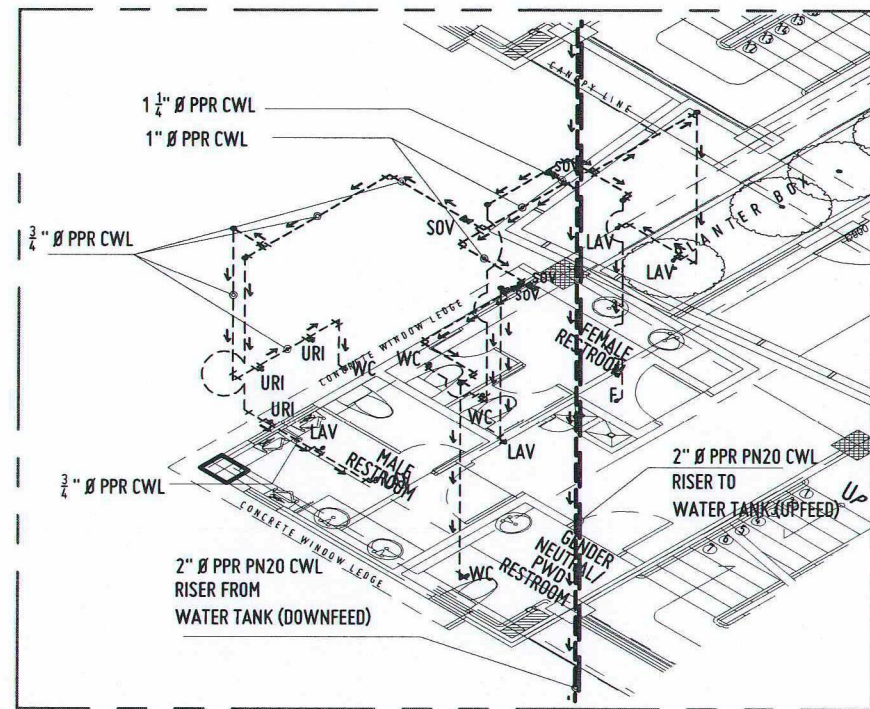
RECOMMENDING APPROVAL:
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CAMPUS DIRECTOR, USTP OROQUIETA

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VICE PRESIDENT FOR ADMINISTRATION
AND LEGAL AFFAIRS

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

SHEET CONTENTS:
SPOT DETAIL "X"
INDEX PLAN
ROOF DECK
BLOW-UP PLAN
ZONE 1

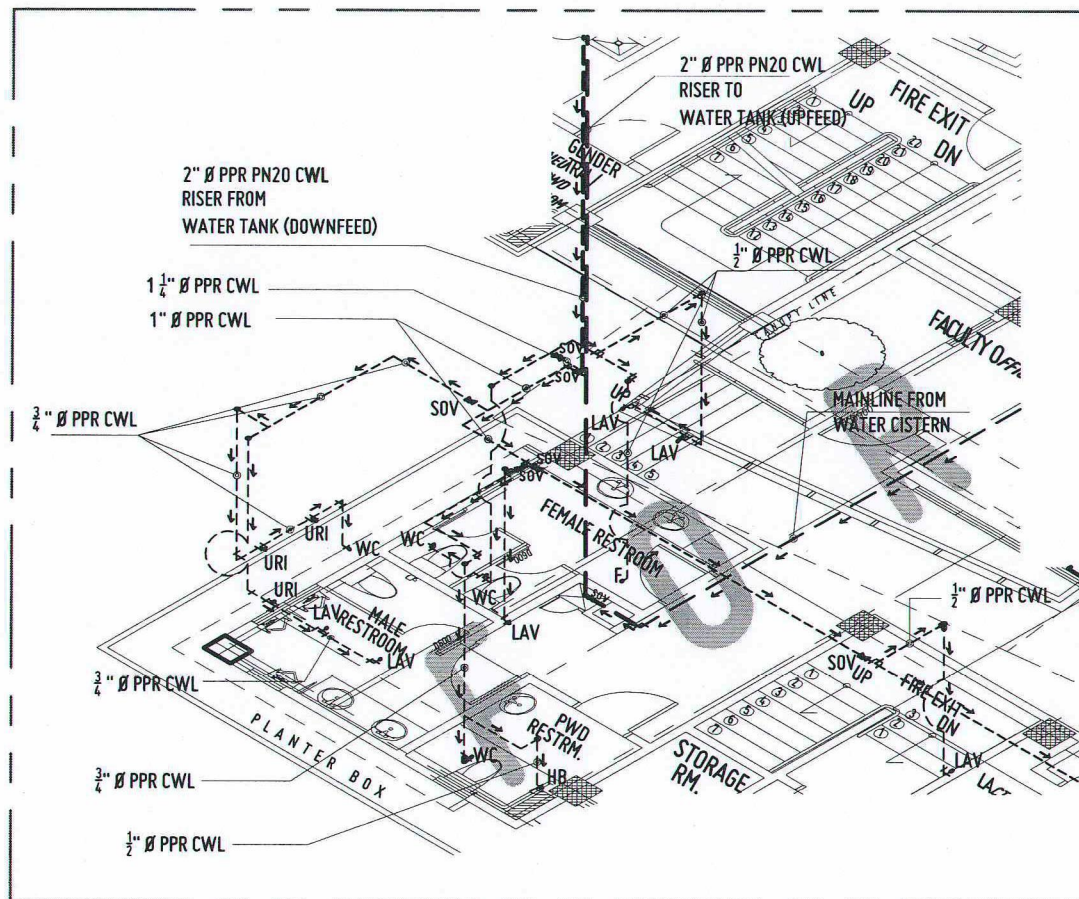
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DATE DRAWN:
FRT:



TYPICAL BLOW-UP ISOMETRIC VIEW

2ND TO 3RD FLR - ZONE 1

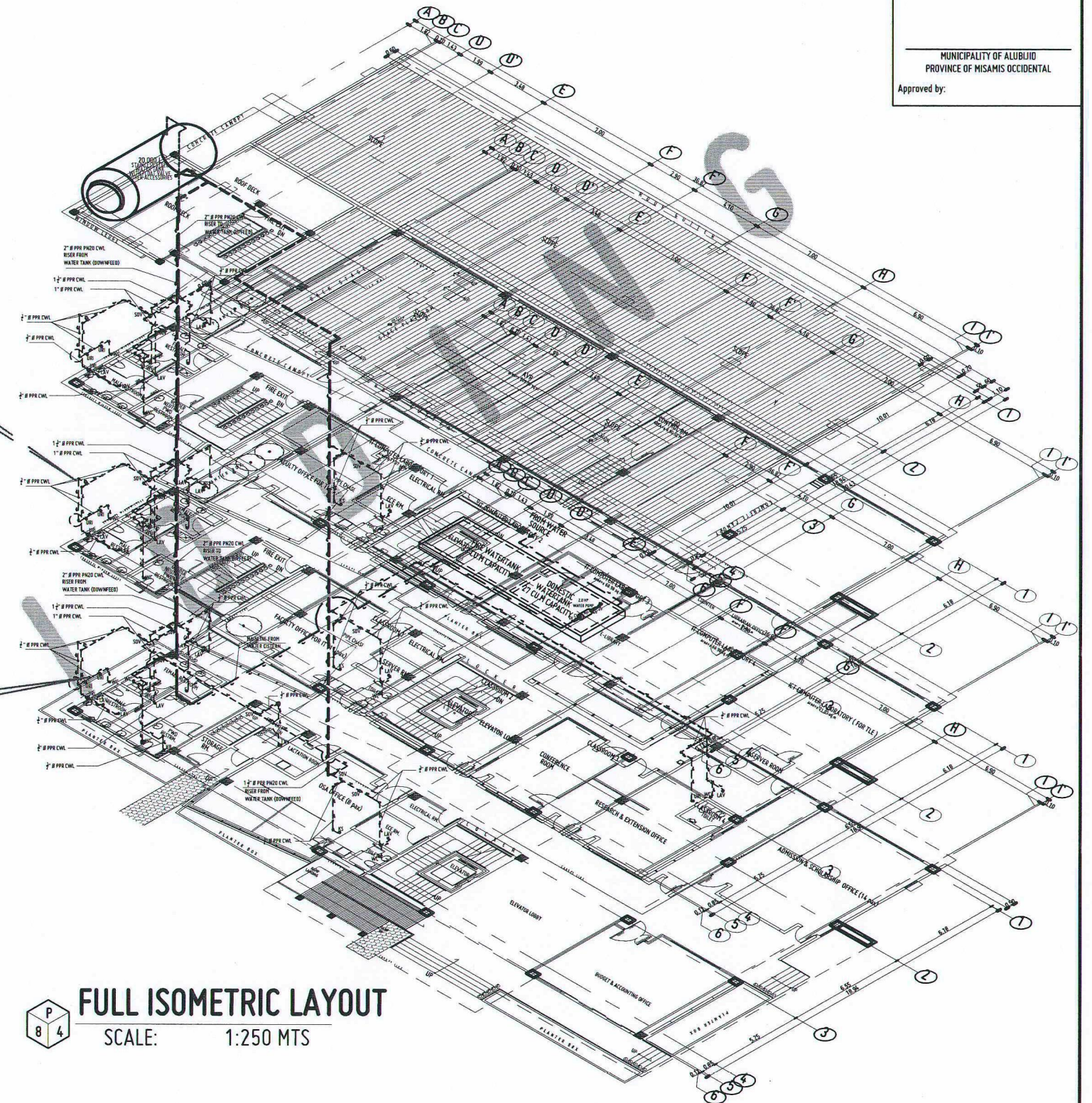
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BLOW-UP ISOMETRIC VIEW

GROUND FLR - ZONE 1

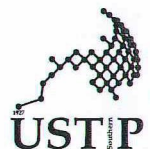
SCALE: 1:100 MTS



FULL ISOMETRIC LAYOUT

SCALE: 1:250 MTS

ISOMETRIC DETAILS WATERLINE DISTRIBUTION



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		PROJECT	ESTABLISHMENT OF THREE-STORY SMART COMPUTING ACADEMIC BUILDING, PHASE 1, OROQUIETA CAMPUS
MASTER PLUMBER/SANITARY ENGINEER			
PRC NO.	PTR NO.	LOCATION	USTP OROQUIETA CAMPUS, MISAMIS OCCIDENTAL
	DATE		
TIN NO.	PLACE	OWNER	UNIVERSITY OF SCIENCE & TECHNOLOGY OF SOUTHERN PHILIPPINES

RECOMMENDING APPROVAL:
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CAMPUS DIRECTOR, USTP OROQUIETA

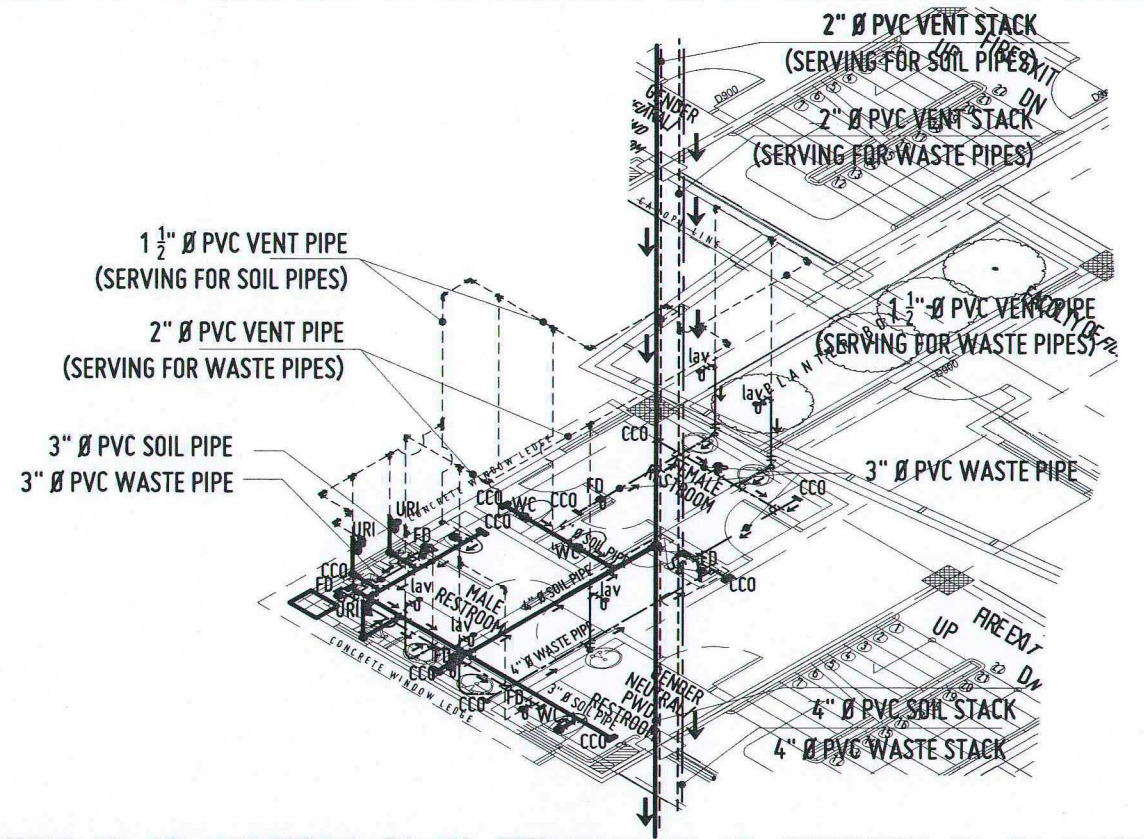
RECOMMENDING APPROVAL:
ATTY. JONATHAN S. OCHE, DPA
VICE PRESIDENT FOR ADMINISTRATION
AND LEGAL AFFAIRS

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

SHEET CONTENTS:
BLOW-UP ISOMETRIC VIEW - GF
ZONE 1
TYPICAL BLOW-UP
ISOMETRIC VIEW 2F-3F - ZONE 1
FULL ISOMETRIC LAYOUT
WATER DISTRIBUTION - ZONE 1

DRAWN BY:
DATE DRAWN:
FNT:

P8

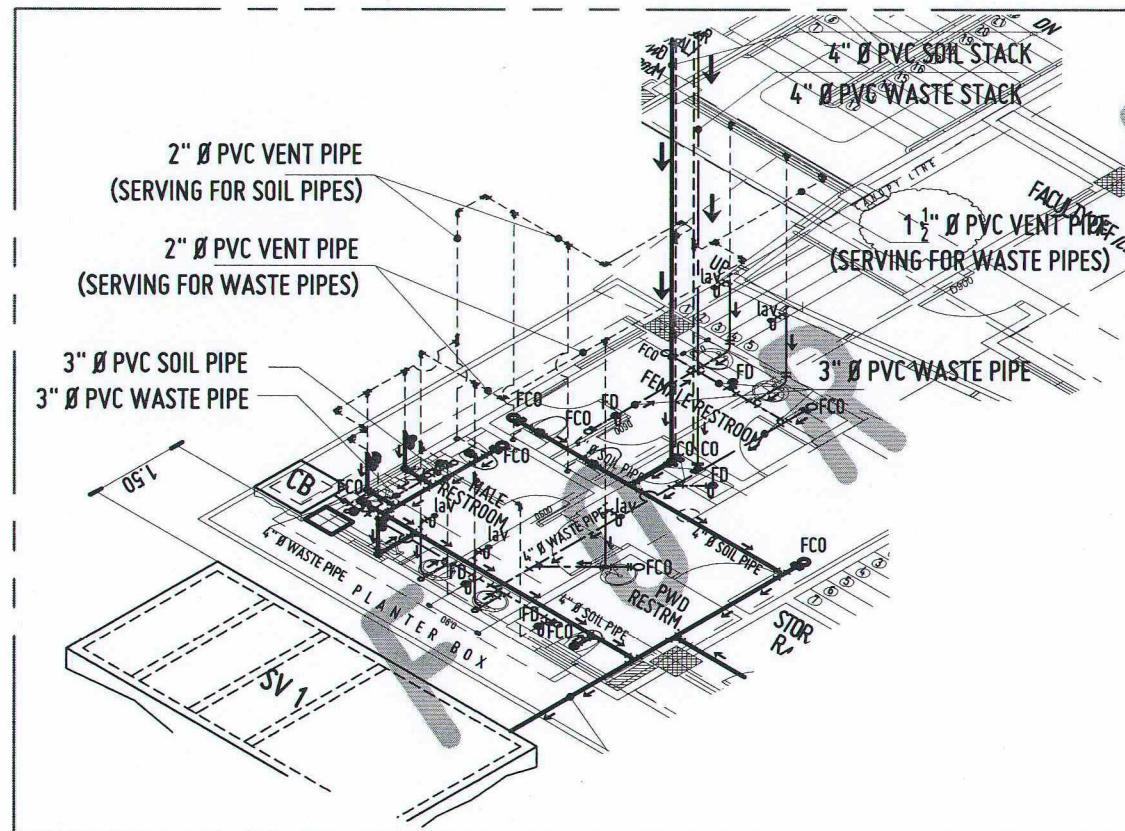


TYPICAL BLOW-UP ISOMETRIC VIEW

2ND TO 3RD FLR - ZONE 1

SCALE: 1:100 MTS

P
9
2

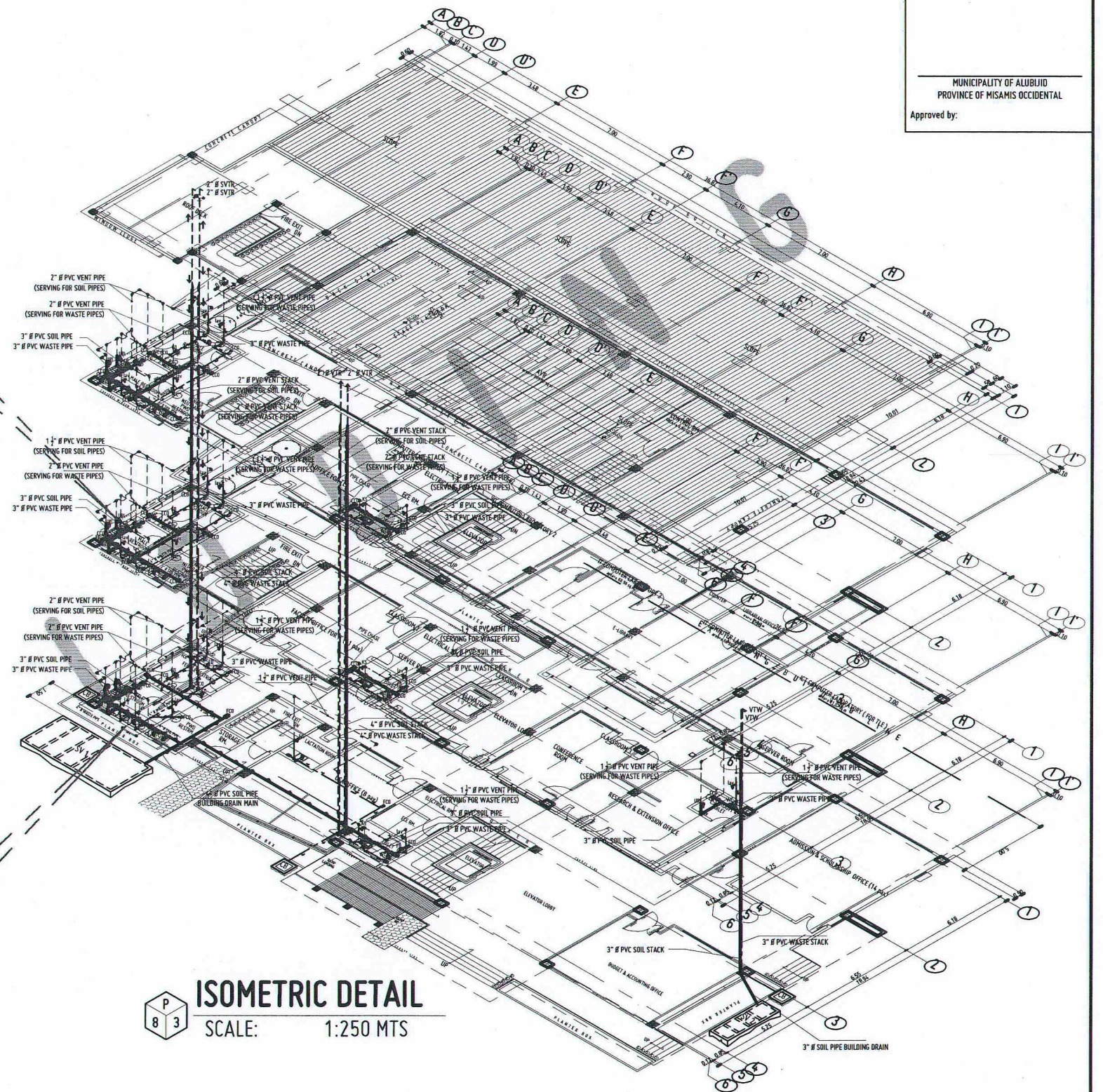


BLOW-UP ISOMETRIC VIEW

GROUND FLR - ZONE 1

SCALE: 1:100 MTS

P
9
1



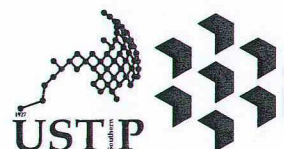
ISOMETRIC DETAIL

SCALE: 1:250 MTS

P
8
3

ISOMETRIC DETAILS
SOIL AND WASTE PIPING LAYOUT

P
9
0



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PRC NO.	LOCATION	USTP OROQUIETA CAMPUS, MISAMIS OCCIDENTAL
DATE	OWNER	UNIVERSITY OF SCIENCE & TECHNOLOGY OF SOUTHERN PHILIPPINES
TIN NO.	PLACE	

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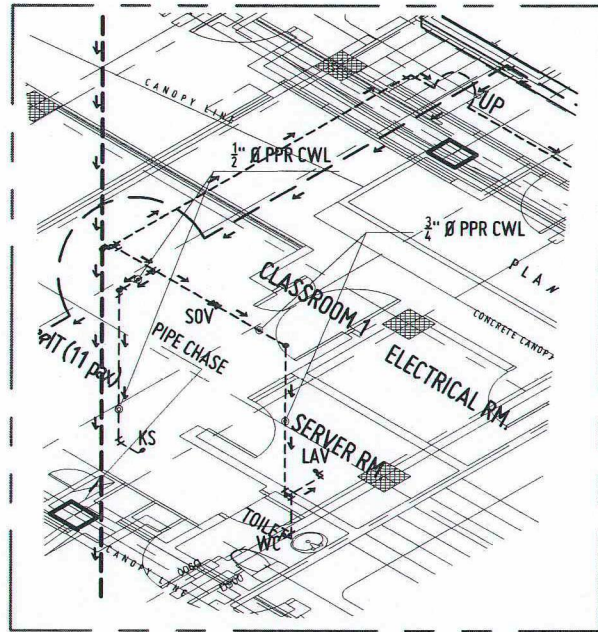
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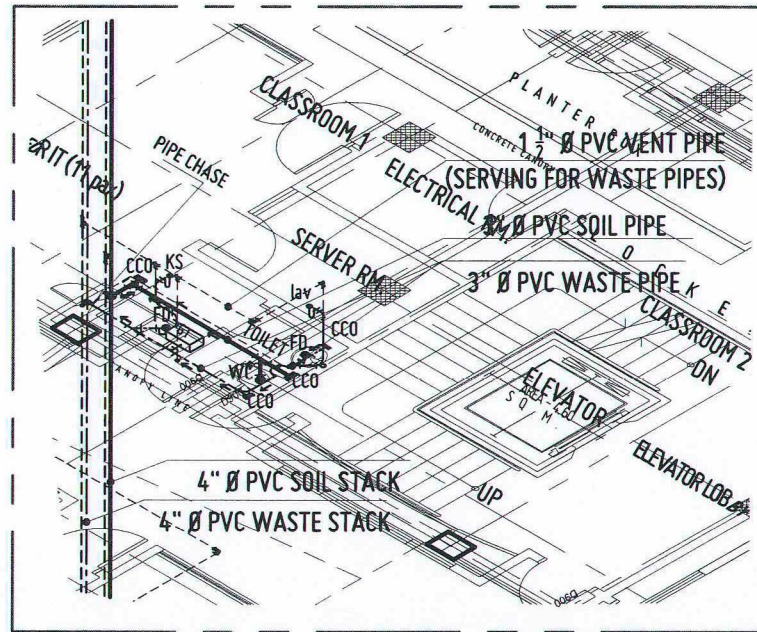
SHEET CONTENTS:
BLOW-UP ISOMETRIC VIEW - GF
ZONE 1
TYPICAL BLOW-UP
ISOMETRIC VIEW - 2F TO 3F - ZONE 1
ISOMETRIC DETAIL
SOIL & WASTE PIPING LAYOUT - ZONE 1

DRAWN BY:
DATE DRAWN:
FNT:



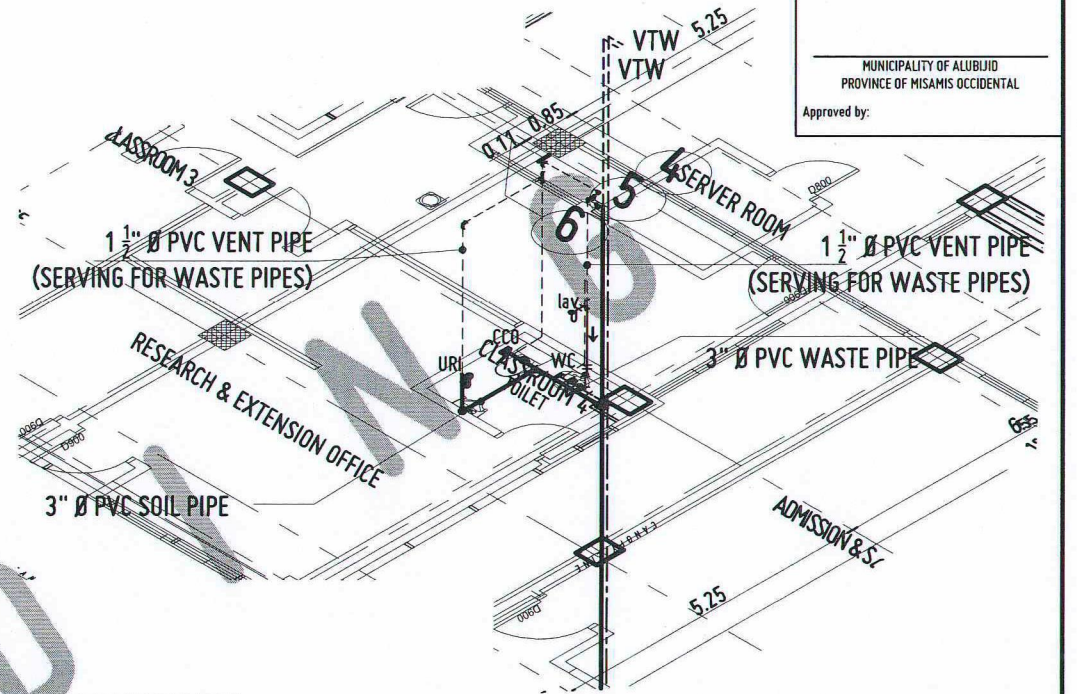
TYPICAL BLOW-UP ISOMETRIC VIEW

2ND TO 3RD FLR - ZONE 2
SCALE: 1:100 MTS

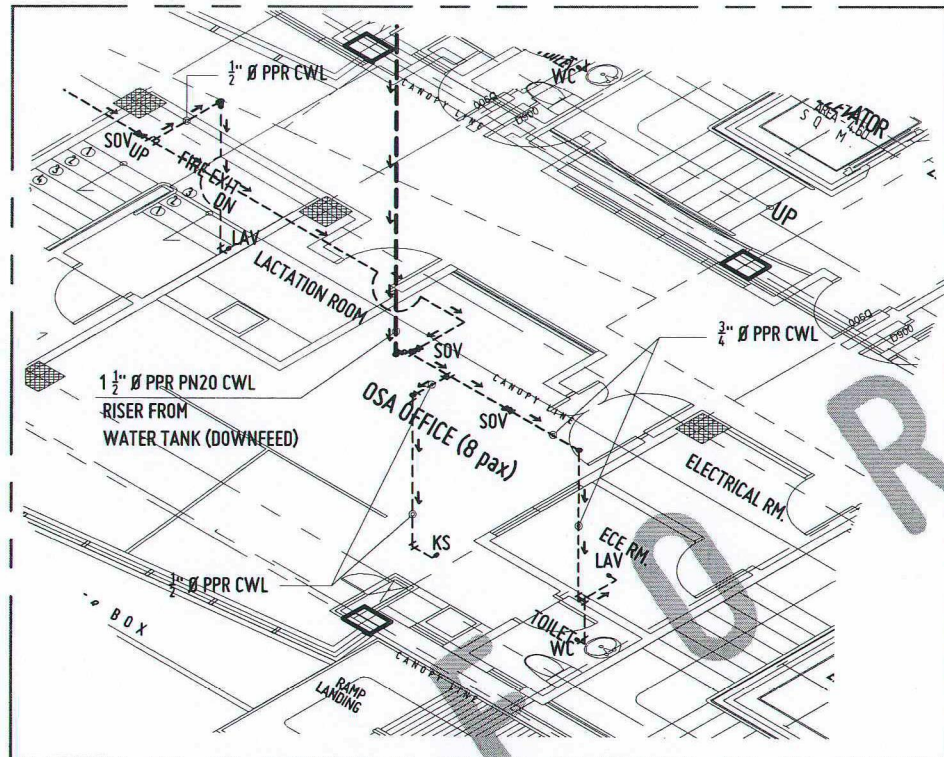


TYPICAL BLOW-UP ISOMETRIC VIEW

2ND TO 3RD FLR - ZONE 2
SCALE: 1:100 MTS

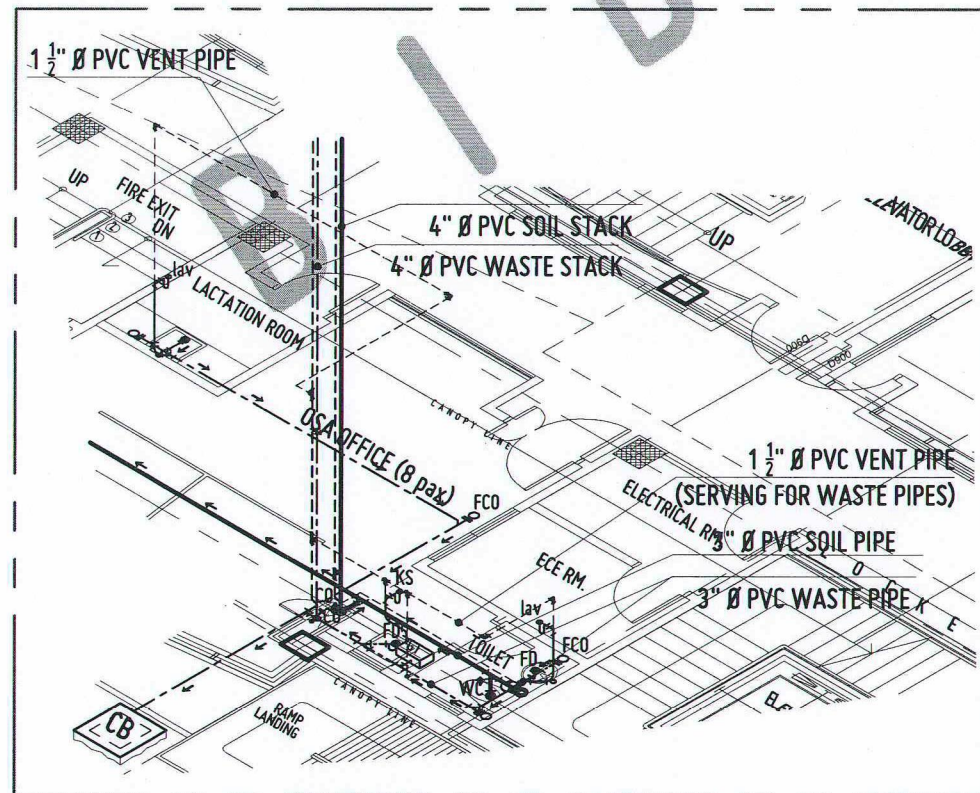


SOIL & WASTE PIPING LAYOUT



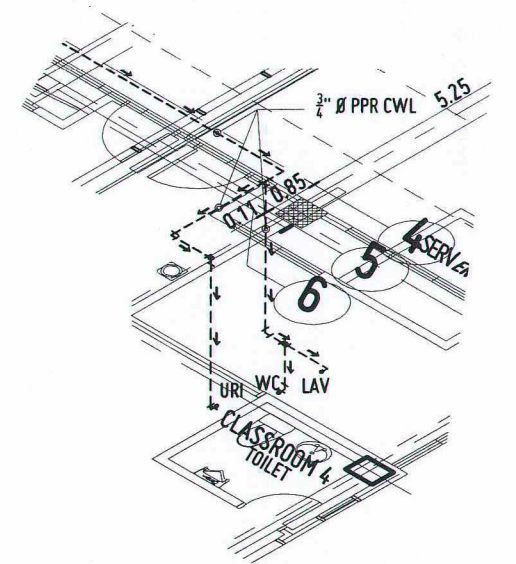
BLOW-UP ISOMETRIC VIEW

GROUND FLR - ZONE 2
SCALE: 1:100 MTS



BLOW-UP ISOMETRIC VIEW

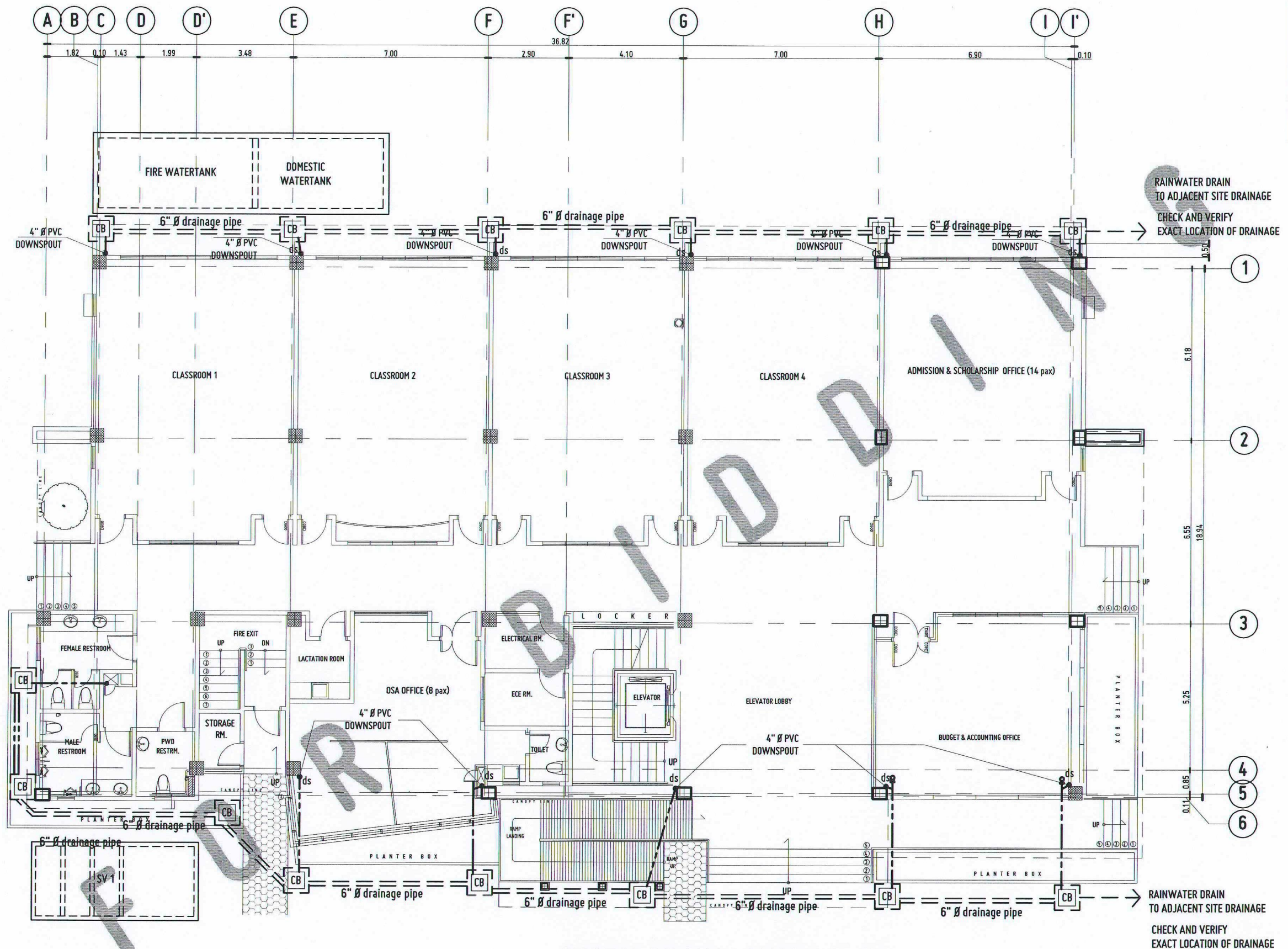
GROUND FLR - ZONE 2
SCALE: 1:100 MTS



WATERLINE PIPING LAYOUT

BLOW-UP ISOMETRIC VIEW
RESEARCH & EXTENSION OFFICE RESTROOM

SCALE: 1:100 MTS



STORM DRAIN LAYOUT PLAN

GROUND FLOOR



SCALE: 1:150 MTS



REPUBLIC OF THE PHILIPPINES
UNIVERSITY OF SCIENCE AND TECHNOLOGY OF SOUTHERN PHILIPPINES
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MASTER PLUMBER/SANITARY ENGINEER		PROJECT
ESTABLISHMENT OF THREE-STOREY SMART COMPUTING ACADEMIC BUILDING, PHASE 1, OROQUIETA CAMPUS		
PRC NO.	PTR NO.	LOCATION
		USTP OROQUIETA CAMPUS, MISAMIS OCCIDENTAL
DATE		OWNER
		UNIVERSITY OF SCIENCE & TECHNOLOGY OF SOUTHERN PHILIPPINES
TIN NO.	PLACE	

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

SHEET CONTENTS:
STORM DRAIN LAYOUT PLAN:
-GROUND FLOOR

DRAWN BY:
DATE DRAWN:
FMT:

P11