

PAVEMENT
PLAN



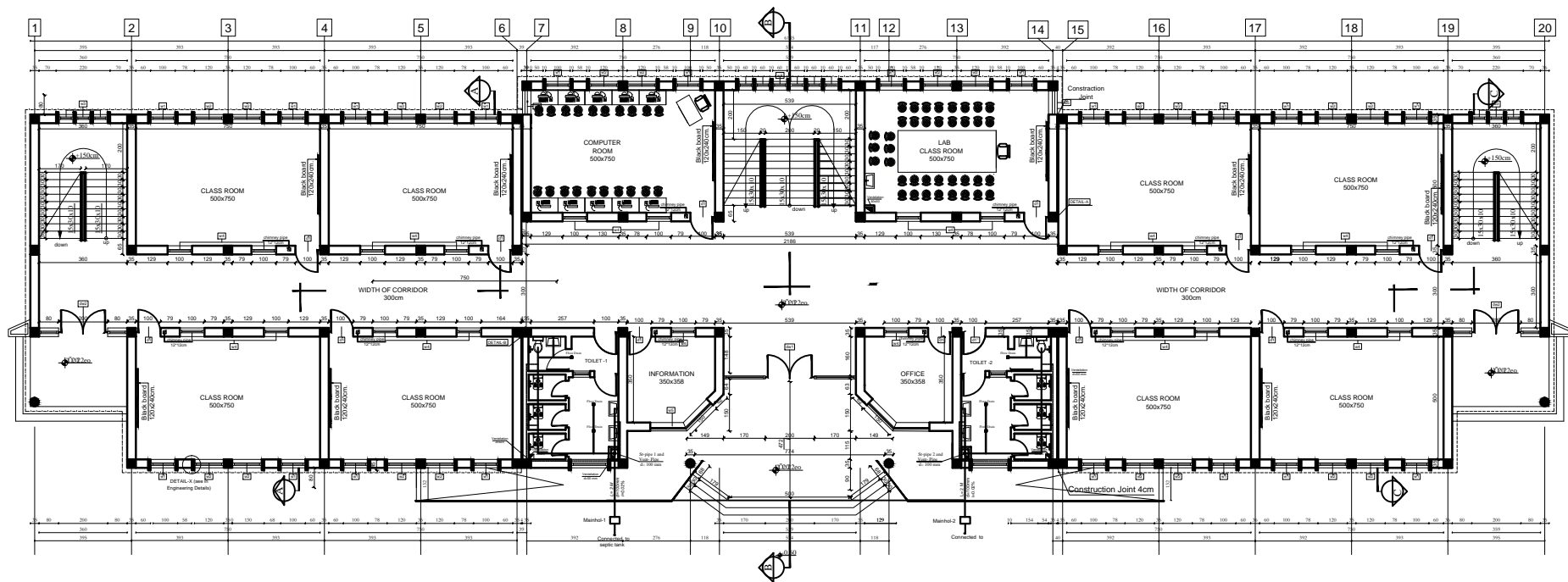
MINISTRY OF EDUCATION
DEPARTMENT OF CONSTRUCTION



STANDARD SCHOOL DESIGN
IN AFGHANISTAN

WATER SUPPLY / DESIGN	ENG. HUMA SADAT	APPROVED Doc/Moe	ENG. AR. MOHIN NAAD	DRAWING TYPE	WATER SUPPLY	PROJECT NAME
CHECKED BY	ENG. M. BAHMI	SCALE	AS SHOWN IN A.S	COPY NO S.0263	8 8	PROJECT TYPE&DRAWING TITLE
TECH. APPROVED BY	ENG. AR. MATIN MAQUL	Date	2024 / 14 / 10			

30-CLASS ROOM SCHOOL
PLUMBING FIXTURE SCHEDULE



CANALIZATION PLAN FOR GROUND FLOOR PLAN



MINISTRY OF EDUCATION
DEPARTMENT OF CONSTRUCTION



STANDARD SCHOOL DESIGN
IN AFGHANISTAN

WATER SUPPLY /
SEWERS
CHECKED BY
TECH. APPROVED BY

ENG. HUMA SADAT
ENG. M. BAHMI
ENG. ARMANI MAQUL

APPROVED Doc/Moe
SCALE
Date

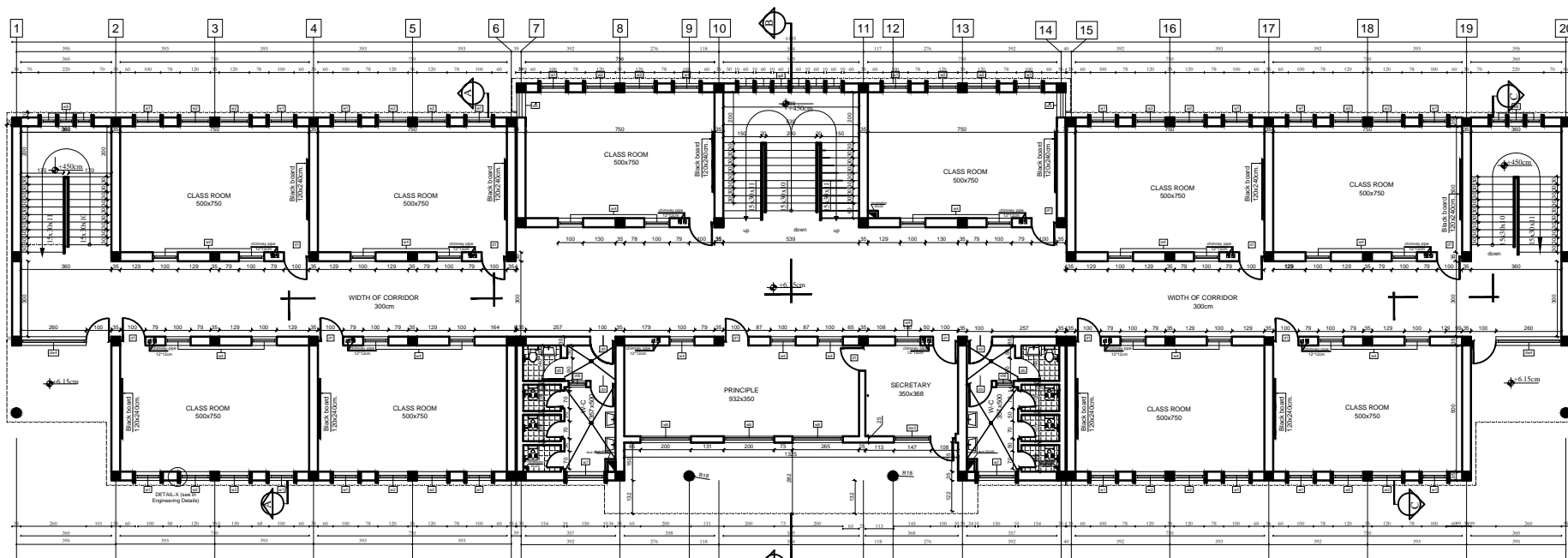
ENG. ARMANI MAQUL
AS SHOWN IN AS
2024 / 4 / 10

DRAWING TYPE
CODE NO
S.0263

WATER SUPPLY
8
8

PROJECT NAME
PROJECT TYPE & DRAWING TITLE

30-CLASS ROOM SCHOOL
PLUMBING FIXTURE SCHEDULE



1
B
FIRST FLOOR
PLAN



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Date

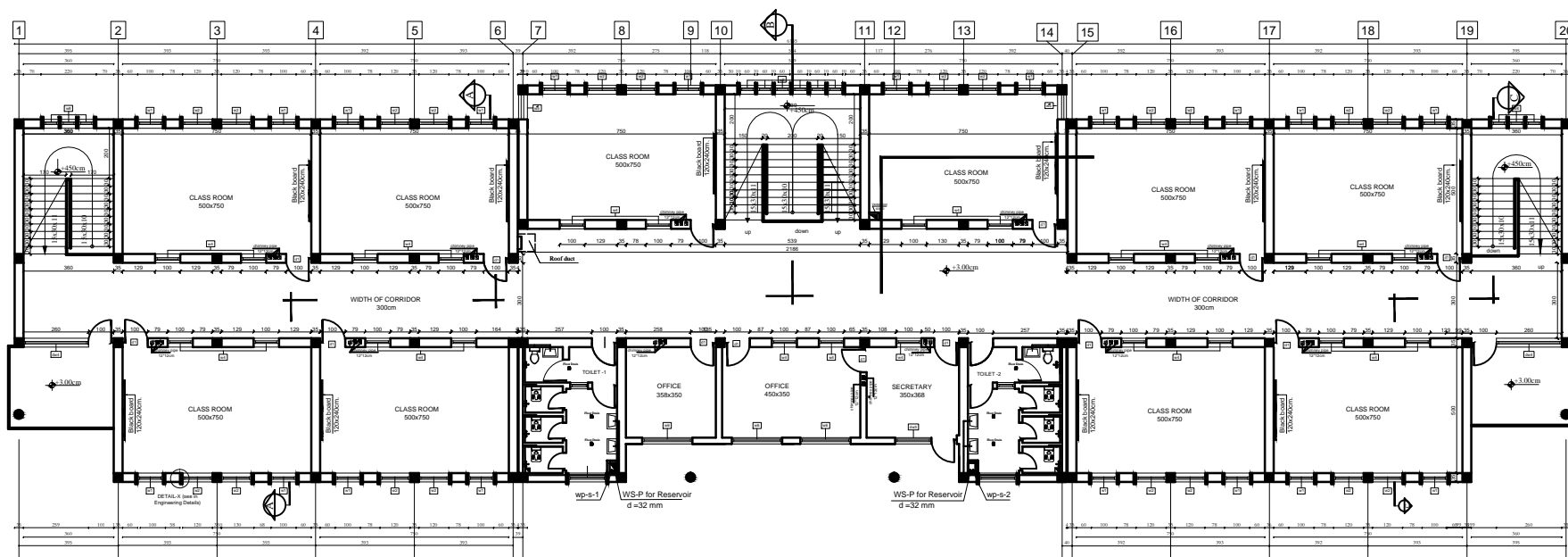
ENG. AR. MOHAMED
AS SHOWN IN AS
2024 / 4 / 10

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WATER SUPPLY
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PLUMBING FIXTURE SCHEDULE



WATER SUPPLY FOR SECOND FLOOR PLAN



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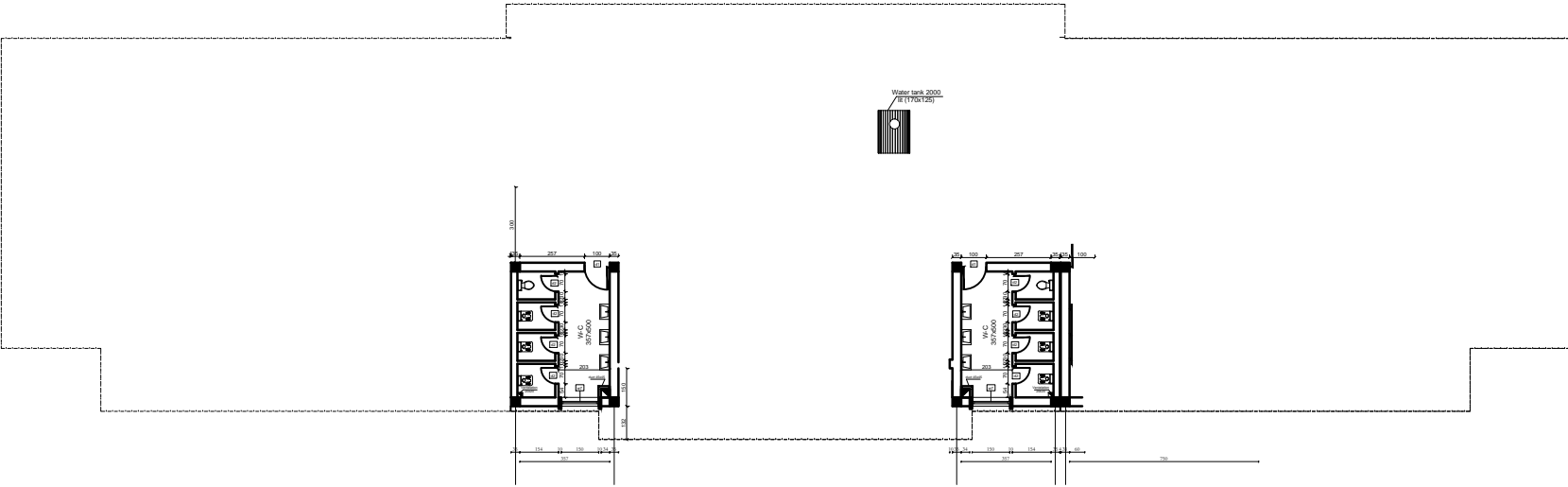


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WATER SUPPLY / CHECKED BY	ENG. HUMA SADAT	APPROVED Doc/Moe	ENG. AR. MOHAMED RAAD
CHECKED BY	ENG. M. BAHM	SCALE	AS SHOWN IN A.S.
TECH. APPROVED BY	ENG. AR. MATIN MAQOL	Date	2024 / 4 / 18

DRAWING TYPE	WATER SUPPLY
COPY NO	8
S.0263	8

PROJECT NAME	30-CLASS ROOM SCHOOL
PROJECT TYPE&DRAWING TITLE	PLUMBING FIXTURE SCHEDULE



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









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30-CLASS ROOM SCHOOL
PLUMBING FIXTURE SCHEDULE

EQUIPMENT IDENTIFICATION








" " " " "

	GV	GATE VALVE
	CHK V	CHECK VALVE
	AV	ANGLE VALVE
	DV	DRAIN VALVE
	FCO	FLOOR CLEANOUT
	BV	BALL VALVE
		Y-TYPE STRAINER
		REDUCER - INCREASER
	FD	FLOOR DRAIN
	FS	FLOOR SIPHON
		GREASE INTERCEPTOR
CW		COLD WATER PIPES
HW		HOT WATER PIPES
H/L		HIGH LEVEL
L/L		LOW LEVEL
SP		SOIL PIPE
WP		WASTE PIPE
VP		VENT PIPE
IC		INSPECTION CHAMBER
U/G		UNDER GROUND
P		PUMP
FT		FLASH TANK
WCO		WALL CLEANOUT
HWR		HOT WATER RETURN
AFF		ABOVE FINISH FLOOR

PLUMBING

_____	COLD WATER (CW)
_____	HOT WATER (HW)
_____	VENT PIPE (VP)
_____	WASTE PIPE (WP)

PLUMBING FIXTURE SCHEDULE

SYMBOL	FIXTURE NAME	C.W. (MM)	H.W. (MM)	WASTE (MM)	VENT (MM)	HIGH
	WESTERN WATER CLOSET BACK OUTLET OR FLOOR OUTLET	15	-	100	50	+0.40
	EASTERN WATER CLOSET WITH FLASH TANK	15	-	100	50	+0.04
	SINK WALL OR COUNTER MOUNTED	15	15	50	50	+0.80
	SHOWER	15	15	50	50	+2.00
	TAP	15	15	0	0	+ 0.50
	KITCHEN SINK (SINGLE BOWL)	15	15	50	50	+0.800
	FLOR DRAIN	0	0	50	50	0

NOTE :-

- ALL DOMESTIC WATER LINES SHALL BE PVC OR PPR POLYPROPYLENE(COLD WATER ONLY) , CPVC OR EQUIVALENT MATERIAL (HOT WATER ONLY) ,UPVC (WASTE WATER AND VENT PIPES)
- ALL WATER PIPE THAT IS EXPOSED SHALL BE COVERED WITH METAL COVER TO KEEP AWAY FROM ACCESS OF PRISONERS
- WATER PIPING AND WATER TANK EXPOSED TO OUTDOOR CONDITIONS SHALL BE INSULATED FOR FREEZE AND SUN LIGHT PROTECTION AND THE INSULATION CONFORMING TO SPECIFICATION.
- THE DOMESTIC WATER PIPE AND FITTING WHICH RUINING ON THE ROOF UNDER CORRUGATED SHEETS SHALL BE PROPERLY INSULATED FOR FREEZE PROTECTION.
- INSULATION SHALL BE PROVIDED WHERE REQUIRED TO CONTROL SWEATING OF PIPES OR TO PROVIDE PROTECTION FROM FREEZING. TOILETS SHALL BE ORIENTED NORTH AND SOUTH.
- ALL PIPES WHICH CROSSING FROM RCC. SLAB AND FOUNDATION NEEDS SLEEVES FOR PIPE PROTECTION.
- ALL VERTICAL WATER AND SEWER MAIN PIPES TO BE FASTENET TO THE BRICK M . WALL AT 100mm C/C

مشخصات و شرایط مسیر یابی سیستم آبرسانی.

1 - تل های آبرسان داخلی از نوعیت پلاستیکی قرار نل انتخاب گردیده تل آب سرد از PPR ویا PVC

تل آب گرم از CPVC و تل های هوا کش و فاضلاب از UPVC .

2- تمام تل های که از دیوار ها صور داده میشوند باید مجیز با پوشش محافظتی بوده و دور از دسترس عام باشد

3- تمام تل ها و یایپ ها و فیتنگ باب باید بخاطر مواجه شدن بلخاطر یخ زدن و شمع آفتاب با مواد محافظتی مفتد مواد ضد یخ و یشم شیشه عایق و محافظه گریند.

4- تمام تل های که در زیر فرش ویا بالای پام تعمیرات مسیر یابی می گریند همچنان با مواد محافظتی از خطر فرسوده گی محافظت گریند.

5- نصب تجهیزات مفتد نمود و یورین ه باید با در نظر داشت جهت تعمیر ودر نظر داشتن جهت شرقی و غرب (جهت قبله) صورت گیرد.

6- تمام تل ها و یایپ ها ی که از سلب و تذبذب ها میگذرد باید مجیز با پوشش محافظتی باشد.

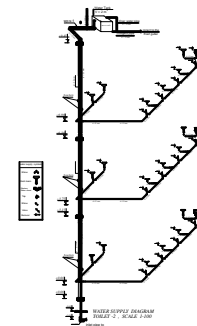
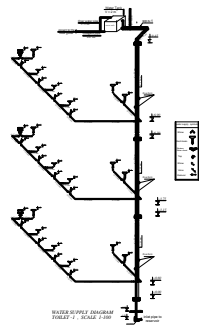
7 - تمام تل های آب و یایپ ها فاضلاب صعودی باید توسط گیر bracket به دیوار ها در فاصله الی یک متر نصب گردند.

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CHECKED BY	ENG. M. RAHM	SCALE	AS SHOWN IN AS	CODE NO S-0263
TECH. APPROVED BY	ENG. AR. MATH. MAQR	Date	2014 / 4 / 16	

WATER SUPPLY
8
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PROJECT NAME	
PROJECT TYPE&DRAWING TITLE	30-CLASS ROOM SCHOOL PLUMBING FIXTURE SCHEDULE



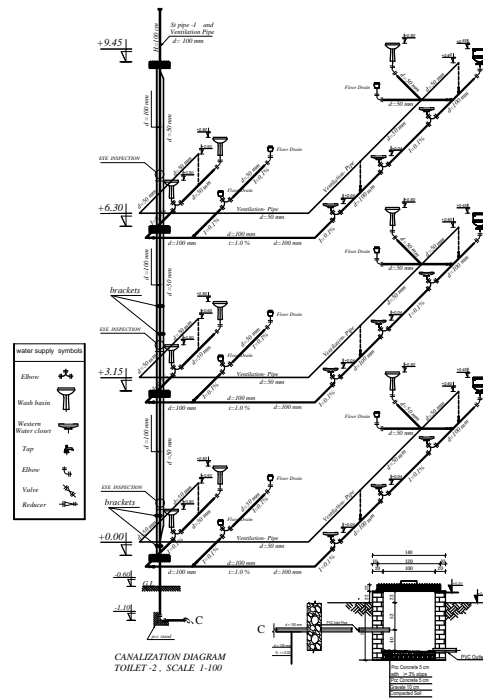
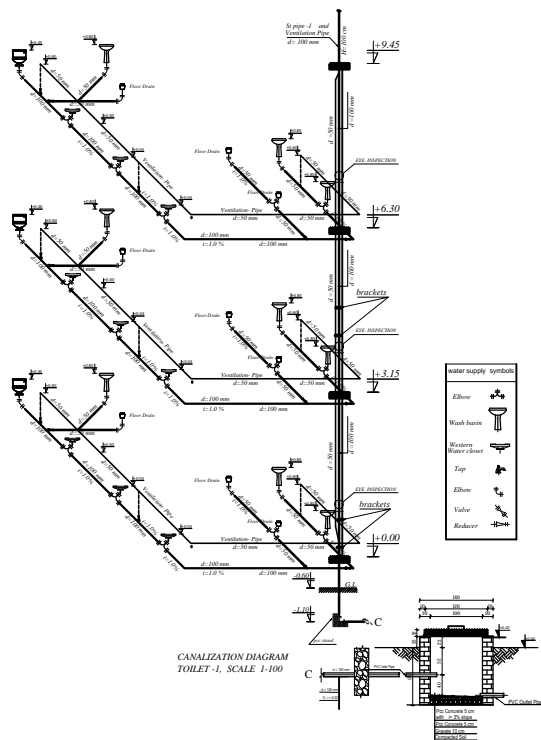
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30-CLASS ROOM SCHOOL
PLUMBING FIXTURE SCHEDULE



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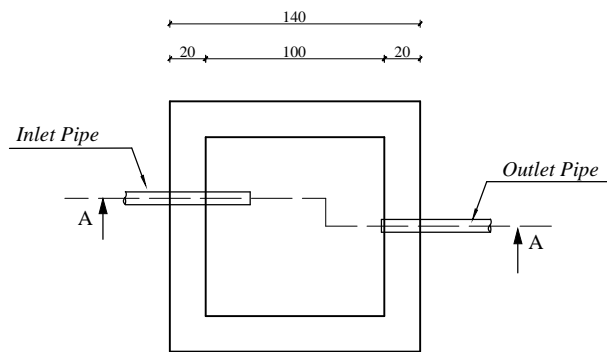
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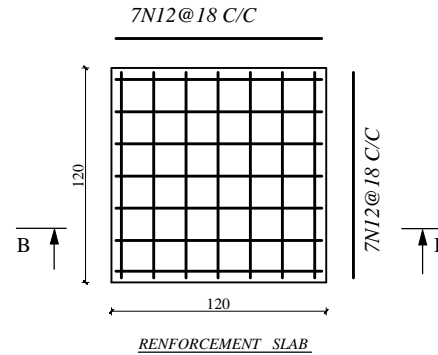
WATER SUPPLY
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PROJECT NAME
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30-CLASS ROOM SCHOOL
PLUMBING FIXTURE SCHEDULE



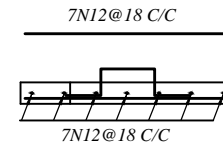
MAIN HOLE PLAN
SCALE 1:100



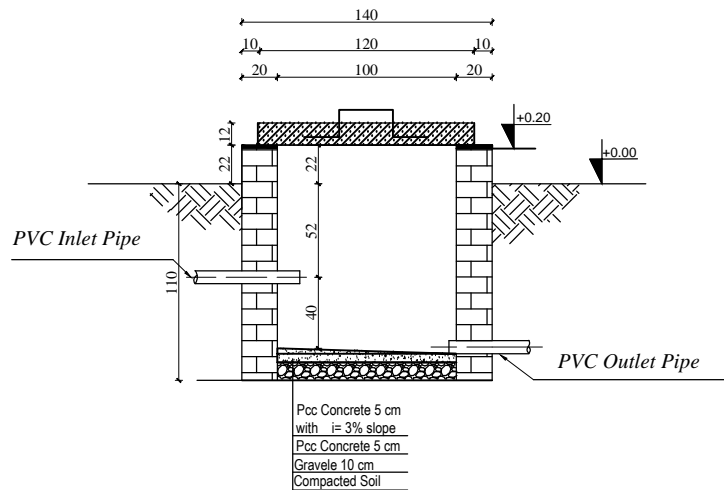
REINFORCEMENT SLAB



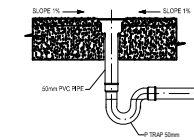
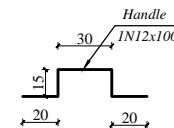
bracket



Section B-B



MAIN HOLE PLAN DETAIL.



TYPICAL FLOOR DRAIN DETAIL
NOT TO SCALE



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PLUMBING FIXTURE SCHEDULE