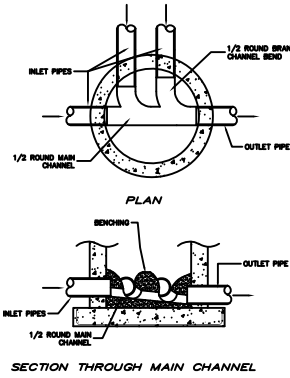
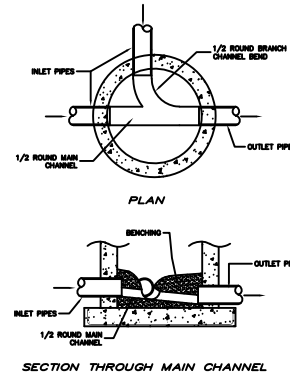


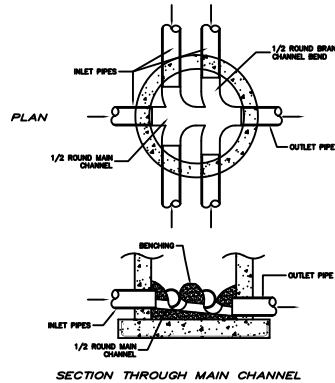
**BENCHING DETAILS
2 BRANCHES ON THE SAME SIDE**



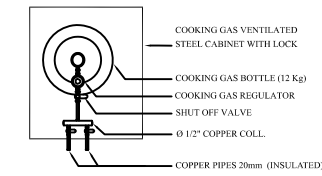
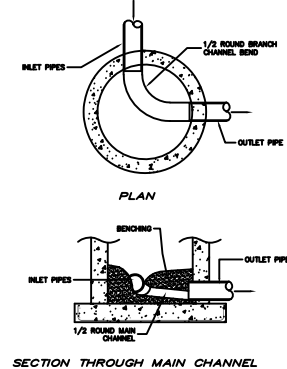
**BENCHING DETAILS
ONE BRANCH**



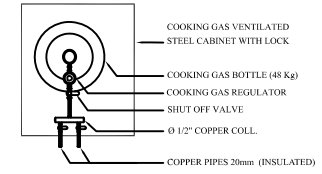
**BENCHING DETAILS
2 BRANCHES ON EACH SIDE**



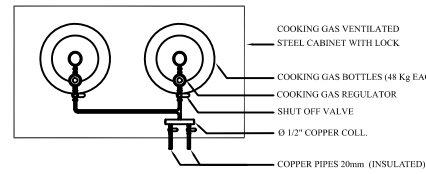
**BENCHING DETAILS
CHANGE OF DIRECTION**



**COOKING GAS CABINET DETAIL
(12 Kg)**



**COOKING GAS CABINET DETAIL
(48 Kg)**

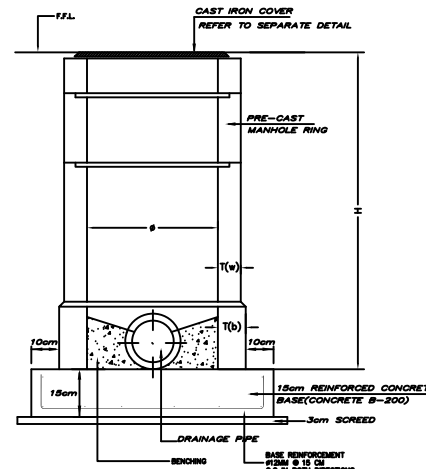


**COOKING GAS CABINET DETAIL
(2 X 48 Kg)**

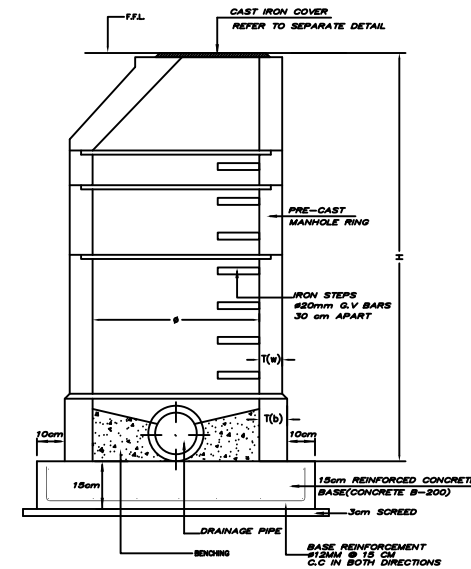
MANHOLE SIZING

# (CM)	H (CM)	T(b) (CM)	T(w) (CM)
60	50-100	12	7.5
80	100-150	12	12
100	150-250	13	14
120	>250	14	14

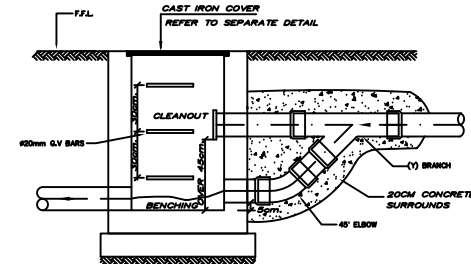
**MANHOLE TYPICAL DETAIL
DEPTH LESS THAN 180cm**



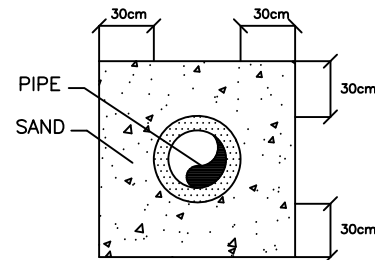
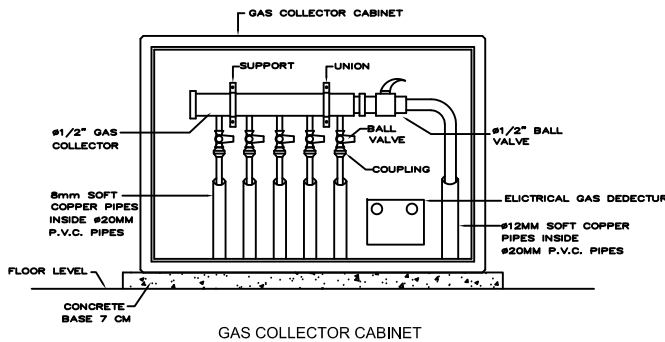
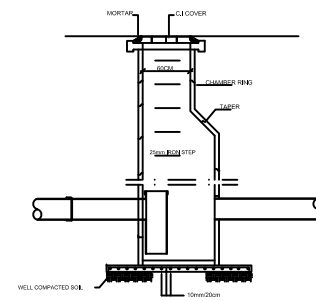
**MANHOLE TYPICAL DETAIL
DEPTH MORE THAN 180cm**



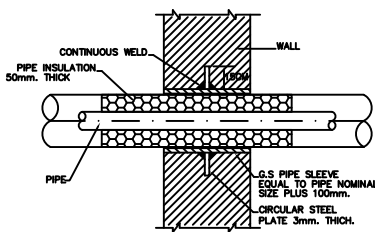
DROP MANHOLE DETAIL



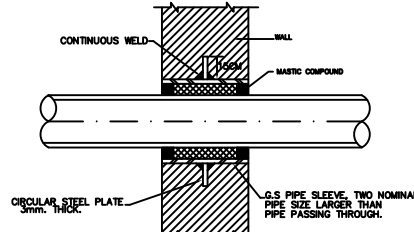
INTERSEPTOR MANHOLE



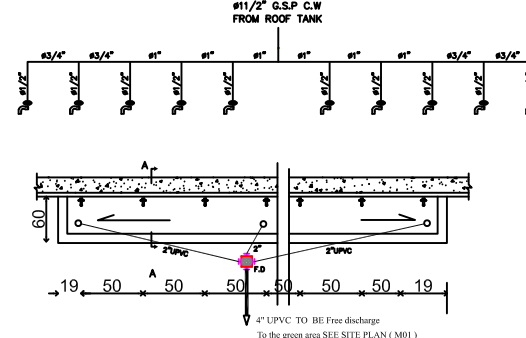
FILLING PIPE DETAILS



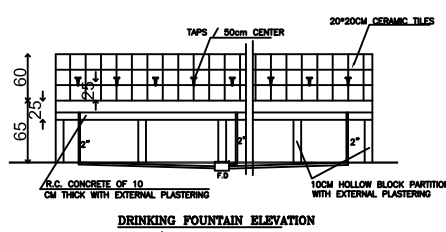
INSULATED PIPE SLEEVE THROUGH WALL



NOT INSULATED PIPE SLEEVE THROUGH WALL

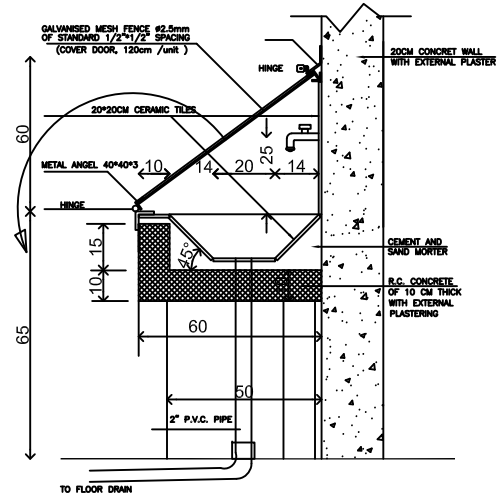


**DRINKING FOUNTAIN PLAN
SCALE 1/25**



**DRINKING FOUNTAIN ELEVATION
SCALE 1/25**

DRINKING FOUNTAIN DETAILS



**SECTION A-A
SCALE 1/10**

Date:
2/04/2018
Drawing Scale:
NTS
Drawing No.

MD1

**PALESTINE
POLYTECHNIC UNIVERSITY**
College of Engineering
Department of Mechanical Engineering
H.V.A.C. Engineering



Designed AND DRAWN By:
Mutaz Dweik
Supervisor:
Dr. KAZEM OSAILY

Project Name:
Mechanical Systems
for Headquarters Charities
building in Hebron

Drawing Title:
Mechanical Details

Notes:
All dimensions are in Meters
Unless otherwise shown.
All spot levels are in Meters.
Hollow blockwork.
Reinforced concrete column/wall.
Plain concrete walls.

