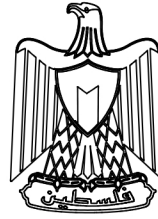


STATE OF PALESTINE



MINISTRY OF EDUCATION

D.G. Building

PROJECT NAME

Public works contract for the
'Construction of Al-Bakri Green Girls' School
In Hebron

MECHANICAL HANDBOOK OF DETAILS

Contracting Authority:

Enabel 

FUNDED BY:



Belgium

partner in development



NAVISION CODE: PSE22001-10075

Designed by Joint Venture

iproplan[®]

Planungsgesellschaft mbH
Consulting Engineers And Architects

مدار 

Consulting Engineers مهندسون إستشاريون

REGISTRATION No. 02

AL-BIREH - PALESTINE

TEL 02-2952022 / 2953145

E-mail: madar@madar-consulting.com

FAX 02-2406157

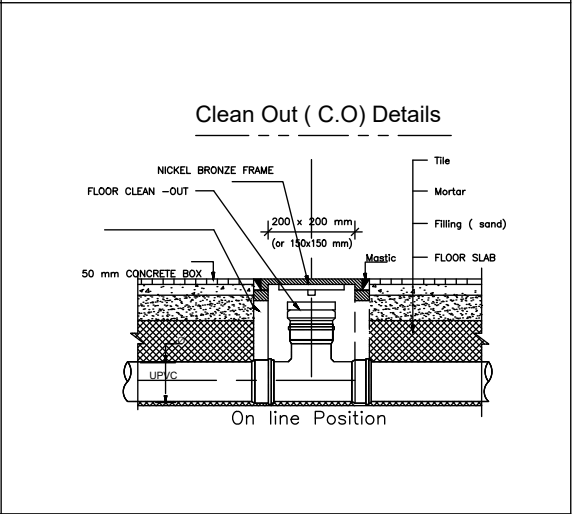
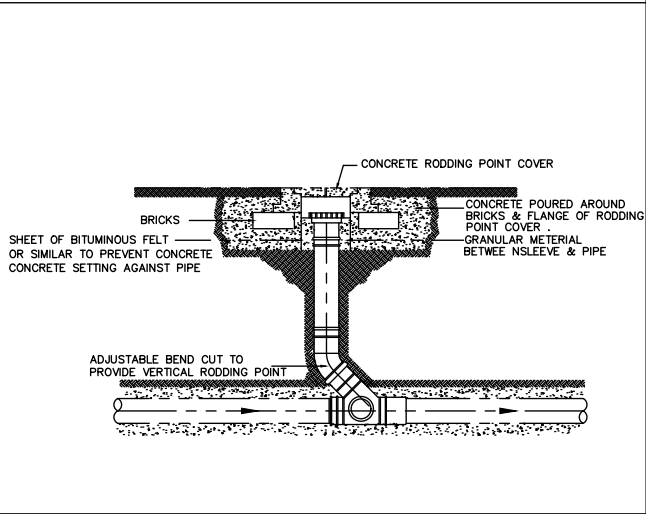
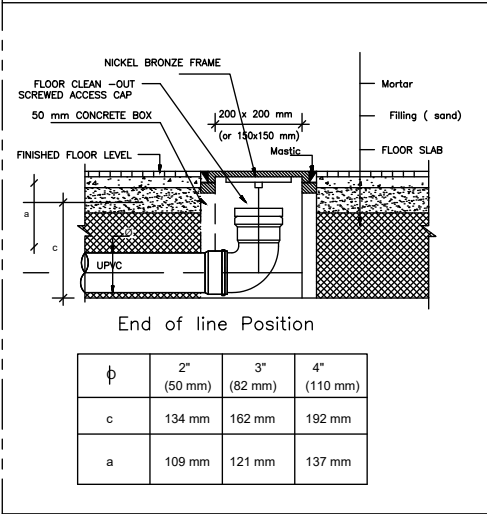
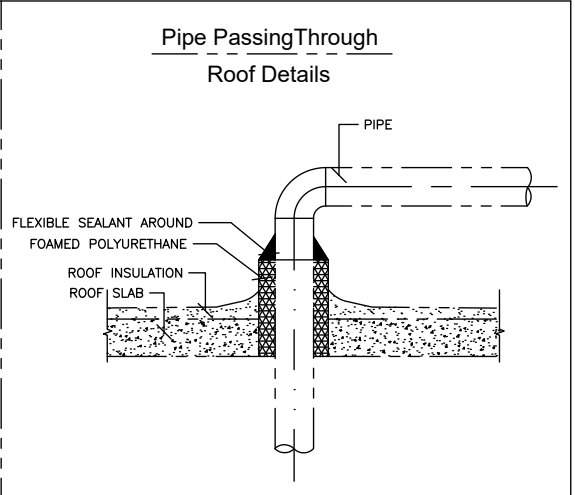
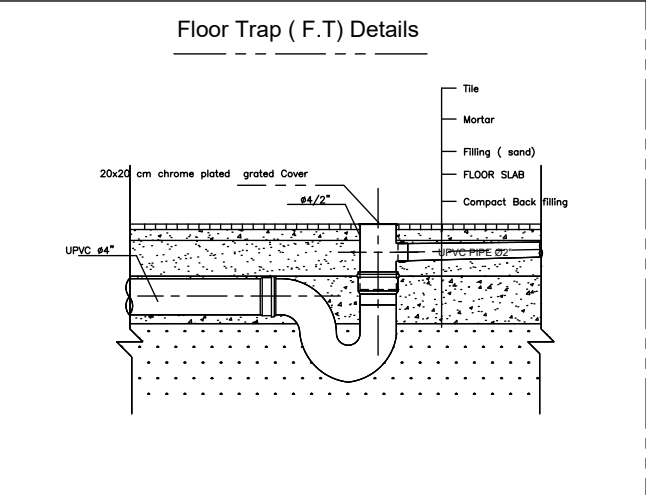
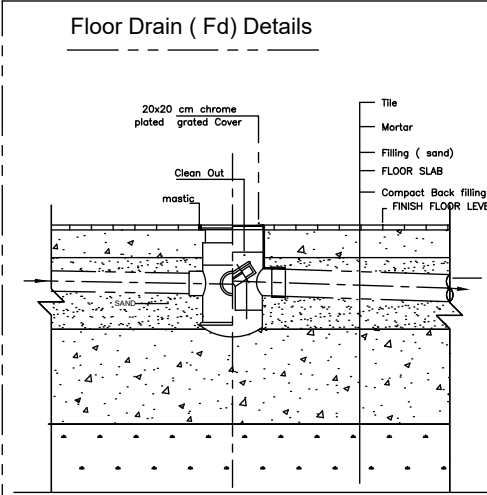
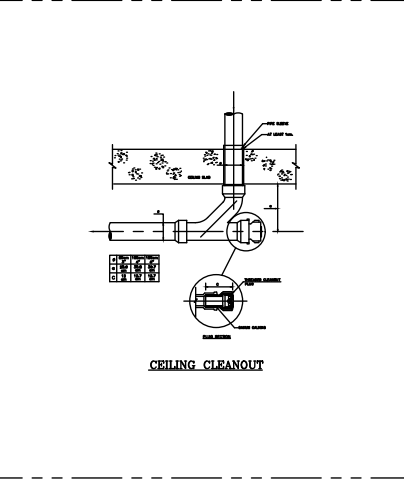
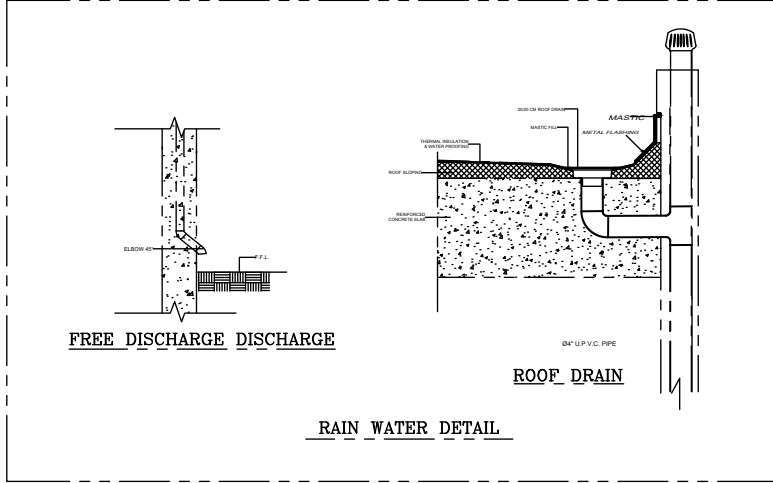
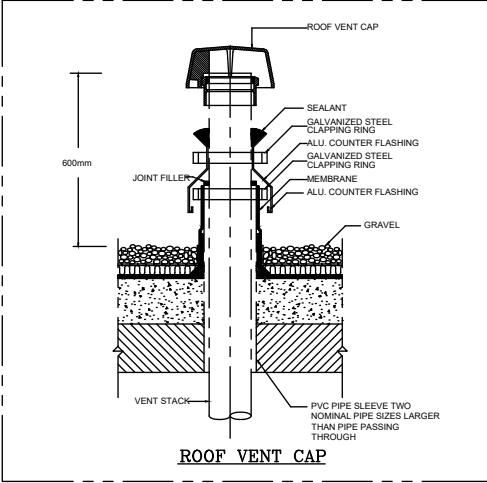
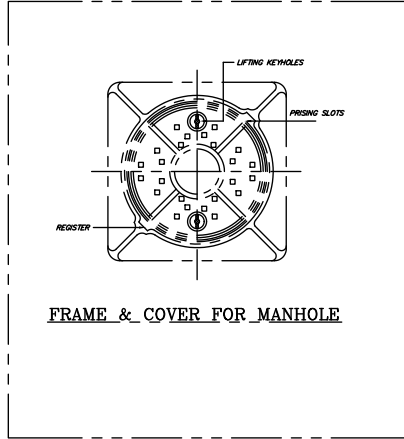
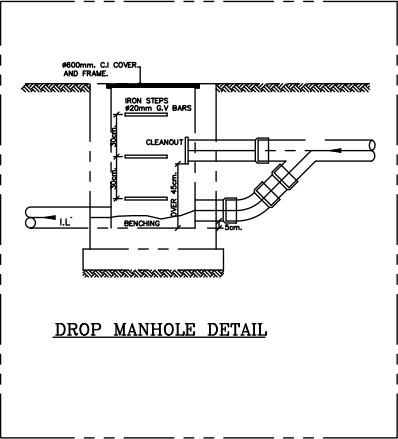
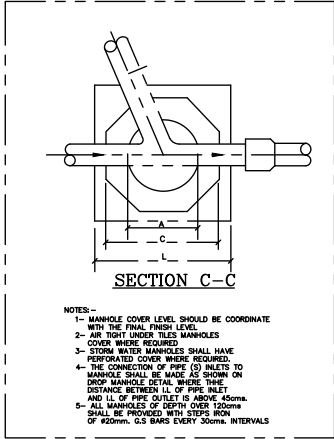
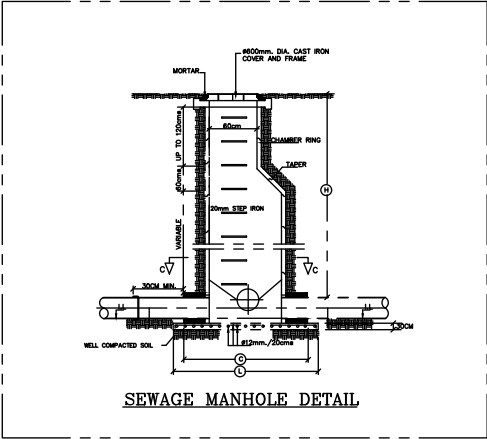
P.O.BOX 3559

ISSUED FOR TENDERING

APRIL 2026



DRG. No. G-00



NOTES:-

ملاحظات:
تعمل المناور وبيوت الدرج عزلاً
افقياً وعمودياً بمواد وأبواب مقاومة
للحريق وغير منفذة للبخار لمدة
لا تقل عن 120 دقيقة.
تهوية المراحيض تكون بواسطة
مراوح شفط ميكانيكية

REVISIONS

No.	DESCRIPTION	DATE

OWNER: STATE OF PALESTINE



MINISTRY OF EDUCATION
D.G. BUILDINGS

PROJECT No: 2501/2025

CONTRACTING AUTHORITY:

Enabel

ENABEL
Belgian Development Agency

FUNDED BY:



Belgium
partner in development

PROJECT NAME:

Public Services Contract for the Design & Works
Supervision of Two Eco-Friendly Schools in Palestine
Lot-1 Al-Bakri Basic Girls School - Hebron
PROJECT CODE: PSE22001-10011

SHEET NAME:

MECHANICAL DETAILS 1

LOCATION:

City: HEBRON

BLOCK: 34425

PLOT No:232

GOVERNATE: HEBRON

QUARTER/ LOCATION: AL-SHAABA

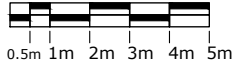
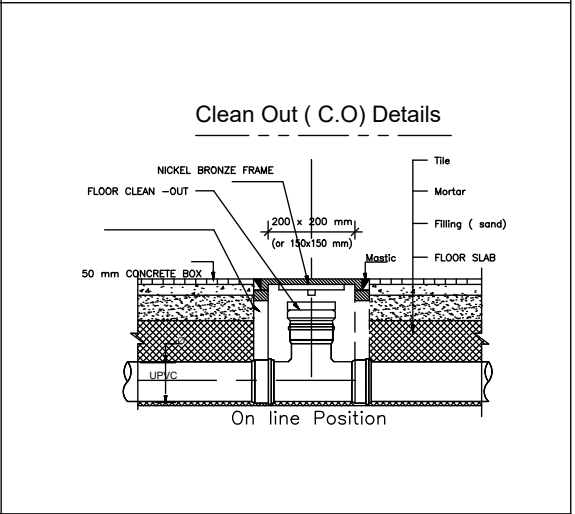
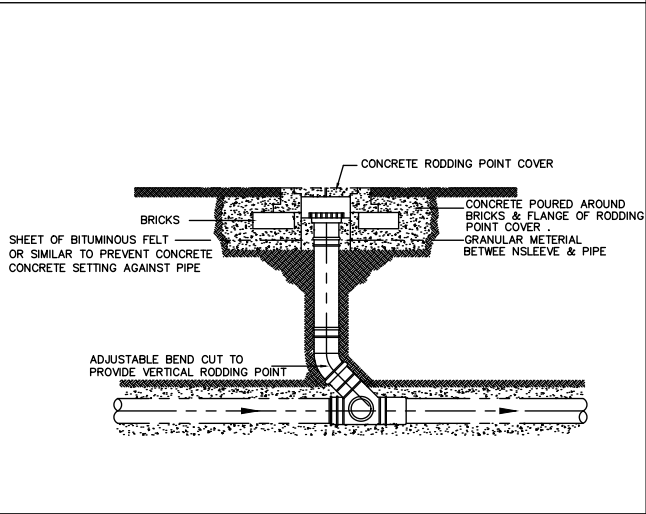
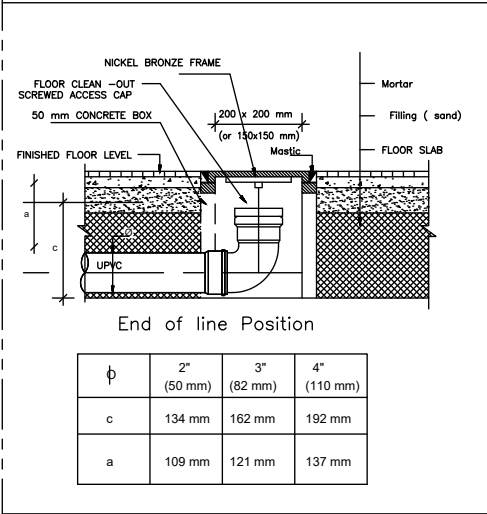
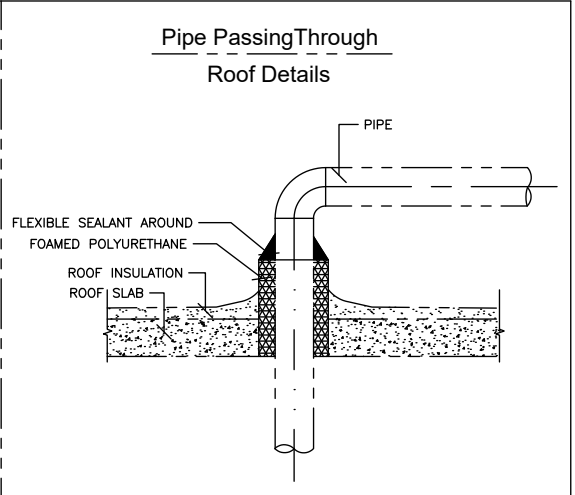
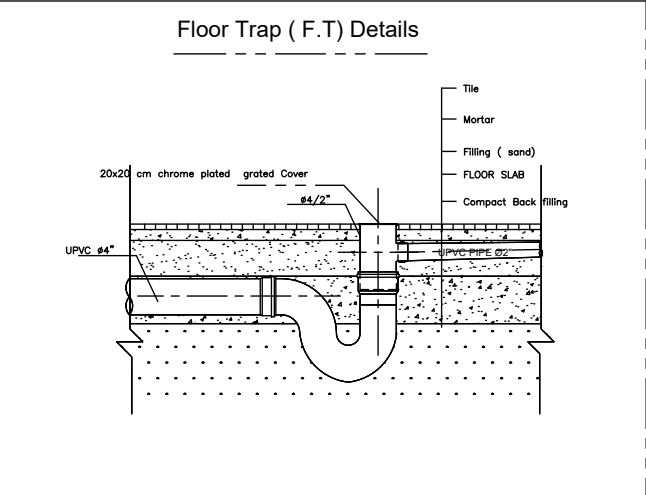
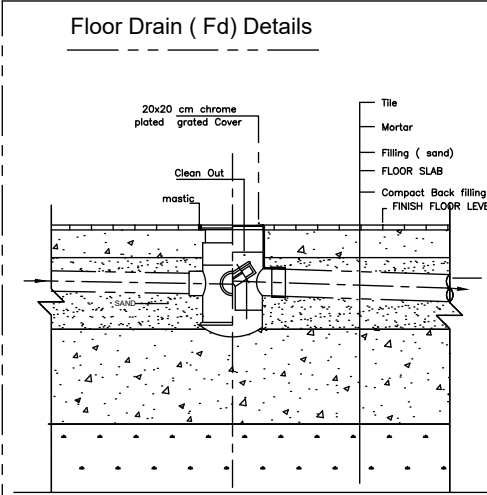
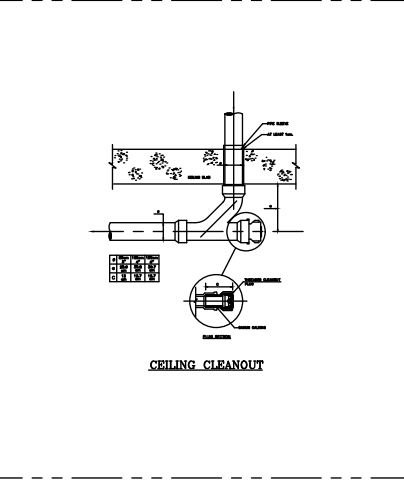
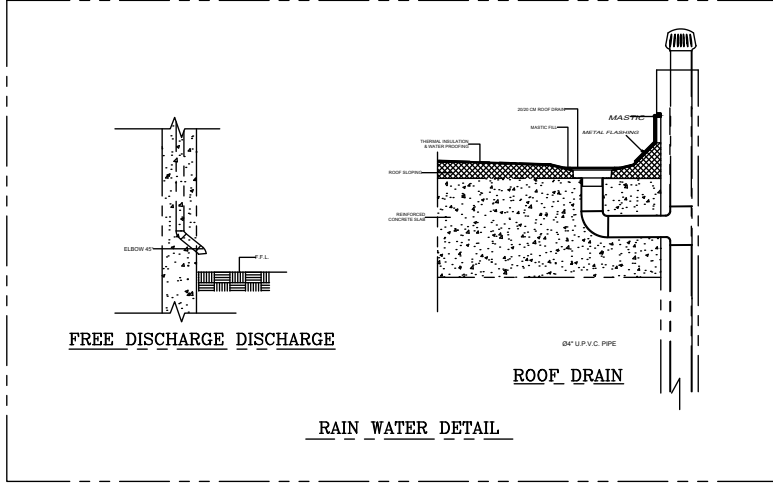
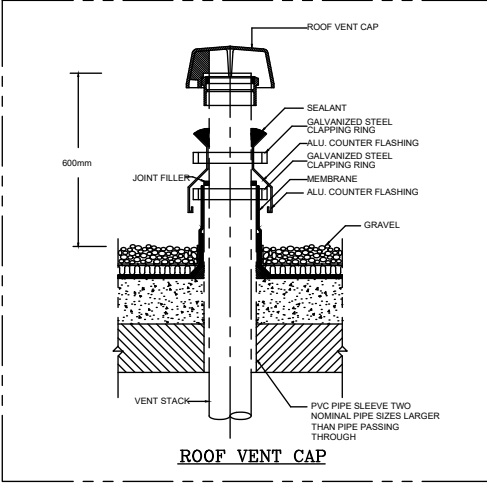
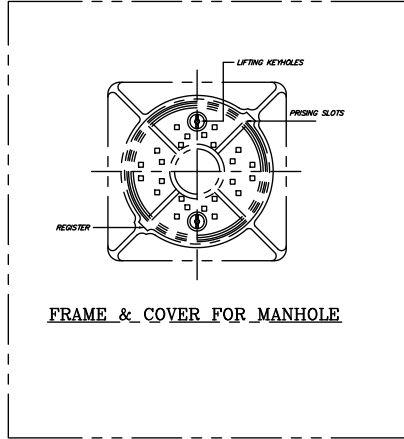
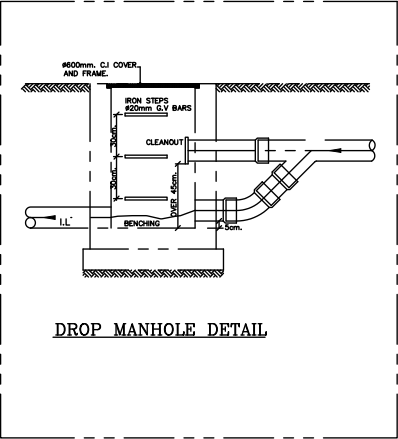
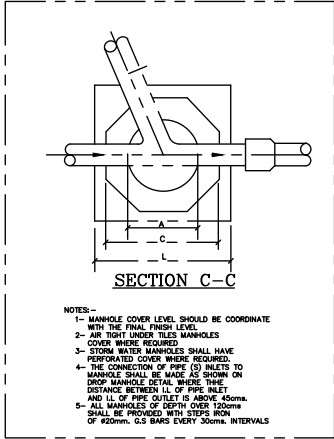
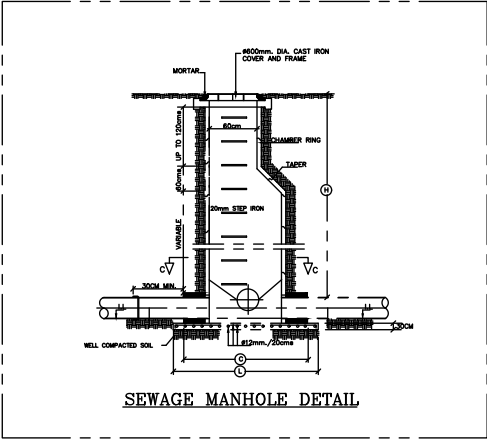
JOINT VENTURE



DIAMOND 2
Engineering & Consulting
No. 1100
Rushdiya St. P.O. BOX 2000
Tel: 02-2555555
Fax: 02-2555555
E-mail: info@diamond-eg.com

Consulting Engineers
No. 1100
Rushdiya St. P.O. BOX 2000
Tel: 02-2555555
Fax: 02-2555555
E-mail: info@diamond-eg.com

DESIGNED	DIAMOND STAFF	SCALE	N.T.S
CHECKED	SAMER TRIF	DATE	OCTOBER 2025
APPROVED	SAMER TRIF	DRG. No.	M603
DRAWN	AUTO CAD		



NOTES:-

ملاحظات:
 تعزل المناور وبيوت الدرج عزلاً
 أفقياً وعمودياً بمواد وأبواب مقاومة
 للحريق وغير منفذة للبخار لمدة
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 تهوية المراحيض تكون بواسطة
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REVISIONS

No.	DESCRIPTION	DATE

OWNER: STATE OF PALESTINE



MINISTRY OF EDUCATION
D.G. BUILDINGS

PROJECT No: 2501/2025

CONTRACTING AUTHORITY:

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ENABEL
Belgian Development Agency

FUNDED BY:



Belgium
partner in development

PROJECT NAME:

Public Services Contract for the Design & Works
Supervision of Two Eco-Friendly Schools in Palestine
Lot-1 Al-Bakri Basic Girls School - Hebron
PROJECT CODE: PSE22001-10011

SHEET NAME:

MECHANICAL DETAILS 1

LOCATION:

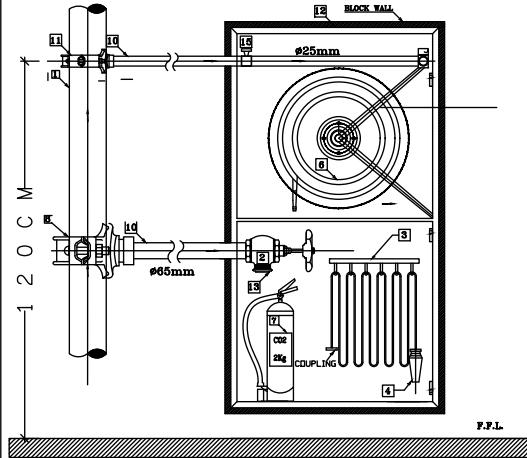
City: HEBRON
BLOCK: 34425

GOVERNATE: HEBRON
QUARTER/ LOCATION: AL-SHAABA

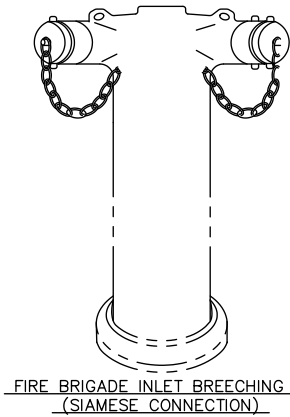
JOINT VENTURE



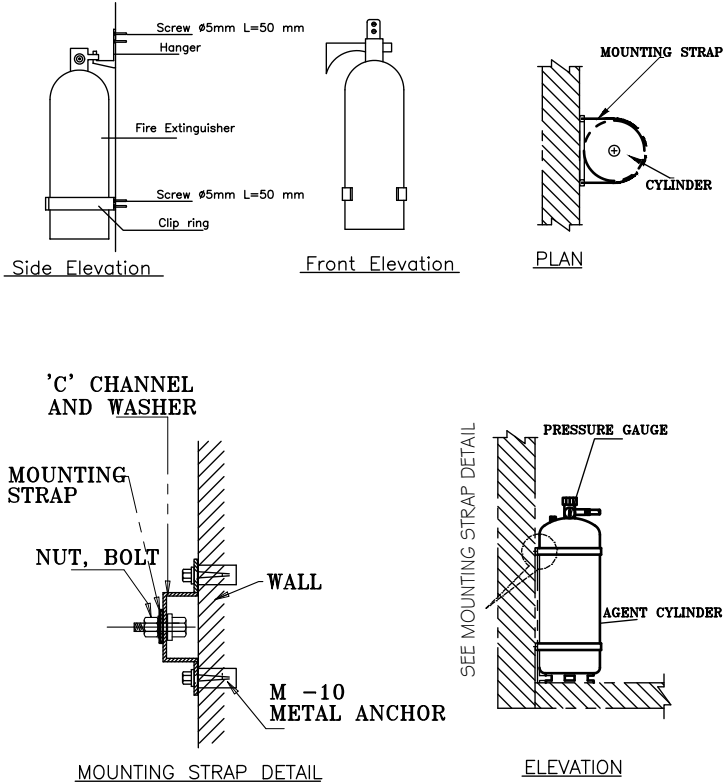
DESIGNED	DIAMOND STAFF2	SCALE	N.T.S
CHECKED	SAMER TRIF	DATE	OCTOBER 2025
APPROVED	SAMER TRIF	DRG. No.	M603
DRAWN	AUTO CAD		



- KEY**
- 1-RISER PIPE
 - 2-40mm.PRESSURE REDUCING FIRE DEPARTMENT LANDING VALVE TYPE TO ADJUST PRESSURE AT 4.5 BAR.
 - 3-BACK WITH 40mm HOSE (DOOR MOUNTED)
 - 4-SPRAY/JET NOZZLE (40mm).
 - 5-SWINGING HOSE REEL WITH 25mm.DIM. X 30mt. LONG RUBBER HOSE AND ADJUSTABLE NOZZLE
 - 6-FIRE EXTINGUISHER (CO2-2kg).
 - 7-RIGID COUPLING.
 - 8-FLEXIBLE COUPLING.
 - 9-10mm.PRESSURE REDUCING FIRE DEPARTMENT LANDING VALVE TYPE TO ADJUST PRESSURE AT 4.5 BAR.
 - 10-10mm.PRESSURE REDUCING FIRE DEPARTMENT LANDING VALVE TYPE TO ADJUST PRESSURE AT 4.5 BAR.
 - 11-10mm.PRESSURE REDUCING FIRE DEPARTMENT LANDING VALVE TYPE TO ADJUST PRESSURE AT 4.5 BAR.
 - 12-COASTAL FABRICATION, FRAME AND DOORS UNIT MANUFACTURED, UNIT MANUFACTURED, 2mm THICKNESS STEEL SHEETS.
 - 13-SWINGING ADAPTOR.
 - 14-25mm GATE VALVE.
- F.H.C. (III) COMBINED FIRE. DEPARTEMENT VALVE AND HOSE REEL CABINET.**

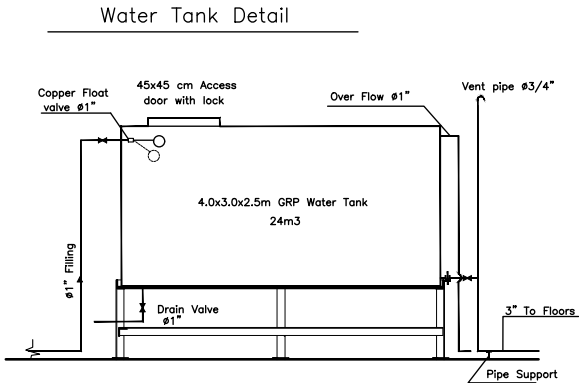


FIRE BRIGADE INLET BREECHING (SIAMESE CONNECTION)

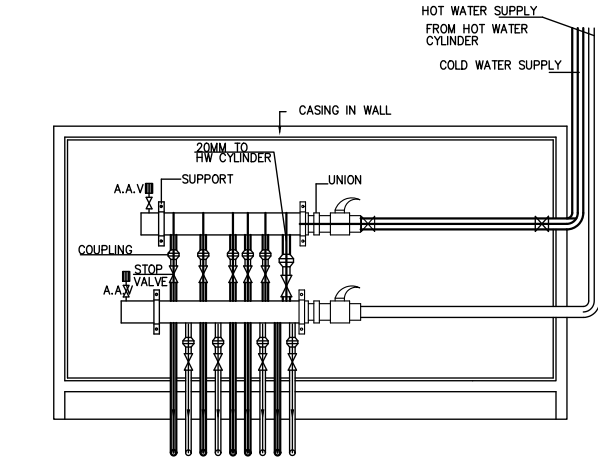


MOUNTING STRAP DETAIL

ELEVATION



Water Tank Detail

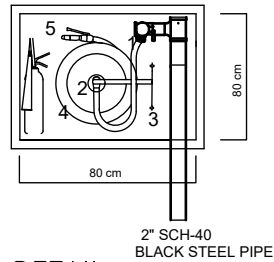


WATER CABINETS DETAIL

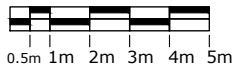
STEEL CABINET SIZE 80X80X30 cm

Fire Hose Box Consists :

- 1- 1"Ball Valve
- 2- 1"Hose Reel 30m long
- 3 -1" aluminum nozzle
- 4- 2" Linen Hose (2*15m) long
- 5- 2" nozzle



FIRE HOSE CABINET DETAIL



NOTES:-

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REVISIONS

No.	DESCRIPTION	DATE

OWNER: STATE OF PALESTINE



MINISTRY OF EDUCATION
D.G. BUILDINGS

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PROJECT CODE: PSE22001-10011

SHEET NAME:

MECHANICAL DETAILS 3

LOCATION:

City: HEBRON
BLOCK: 34425

GOVERNATE: HEBRON
QUARTER/ LOCATION: AL-SHAABA

JOINT VENTURE



DESIGNED	DIAMOND STAFF2	SCALE	N.T.S
CHECKED	SAMER TRIF	DATE	OCTOBER 2025
APPROVED	SAMER TRIF	DRG. No.	M605
DRAWN	AUTO CAD		