



RFQ No.:PAL-0000109896

**Project Name: Constructing Medical Waste Treatment
Facility in Gaza Governorate
Temporary Site**

Revised Drawings

July, 2020



United Nations Development Programme
Programme of Assistance to the Palestinian People



مجلس الخدمات المشترك
لإدارة النفايات الصلبة
في محافظتي غزة والشمال

Constructing of Medical Waste Treatment Facility in Gaza and North Governorates (Temporary Site)

ITB:

مركز الهندسة والتخطيط
center for engineering and planning



JULY 2020

Constructing of Medical Waste Treatment
Facility in Gaza and North Governorates
(Temporary Site)

ITB:

ARCHITECTURAL DRAWINGS

MWTF-TS-AR-001 → MWTF-TS-AR-010

Architectural Drawings List

Drawing #	Drawing Title
MWTF-TS-AR-001	Architectural Drawings List
MWTF-TS-AR-002	Shed Plan
MWTF-TS-AR-003	Shed Furnishing Plan
MWTF-TS-AR-004	Shed Top View
MWTF-TS-AR-005	Southern & Western Elevations
MWTF-TS-AR-006	Northern & Eastern Elevations
MWTF-TS-AR-007	Gate & Windows Details 1-4
MWTF-TS-AR-008	Gate & Windows Details 2-4
MWTF-TS-AR-009	Gate & Windows Details 3-4
MWTF-TS-AR-010	Gate & Windows Details 4-4

FOR TENDER
ONLY

CLIENT:



CONSULTANT:



PROJECT NAME:
Constructing of Medical Waste Treatment Facility
in Gaza and North Governorates
(Temporary Site)

DRAWING TITLE:
Architectural Drawings
List

DRAWING NO.:
MWTF-TS-AR-001

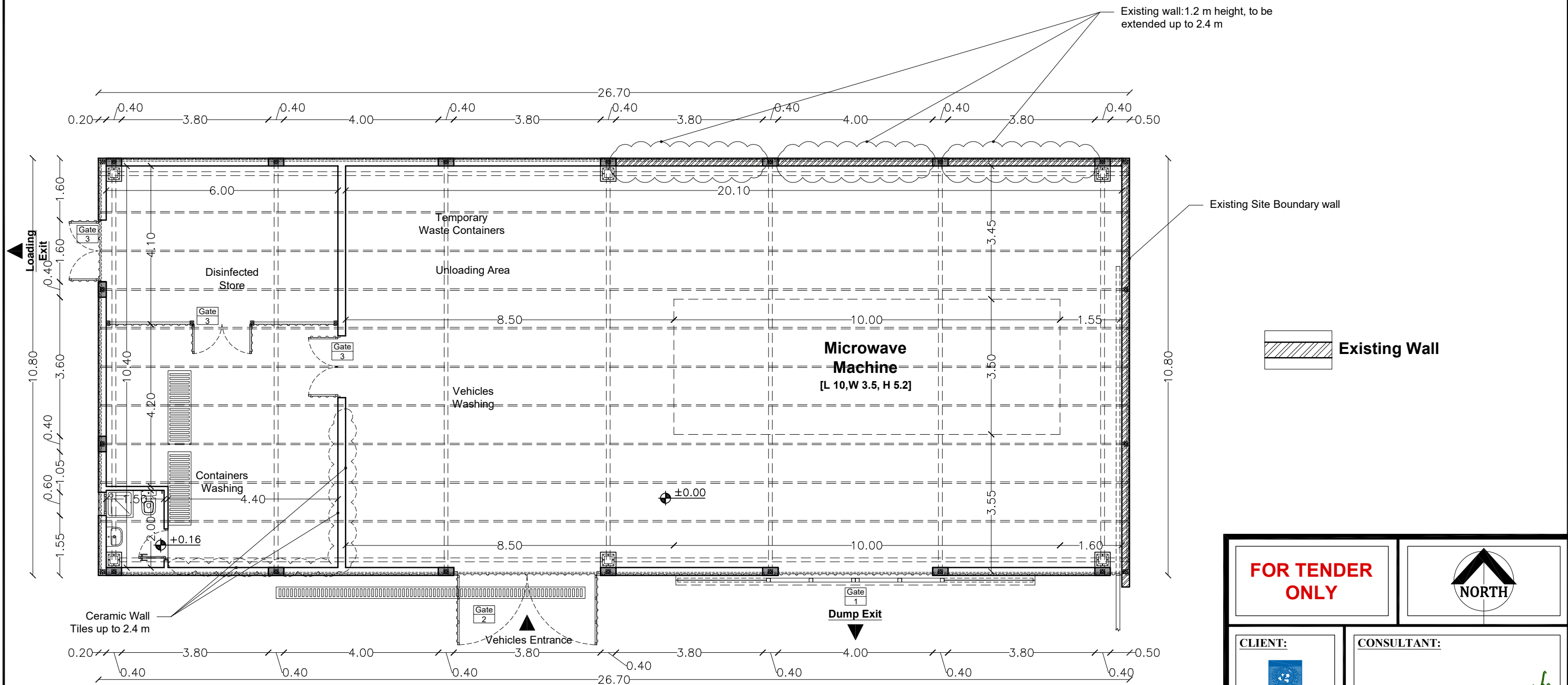
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SCALE:

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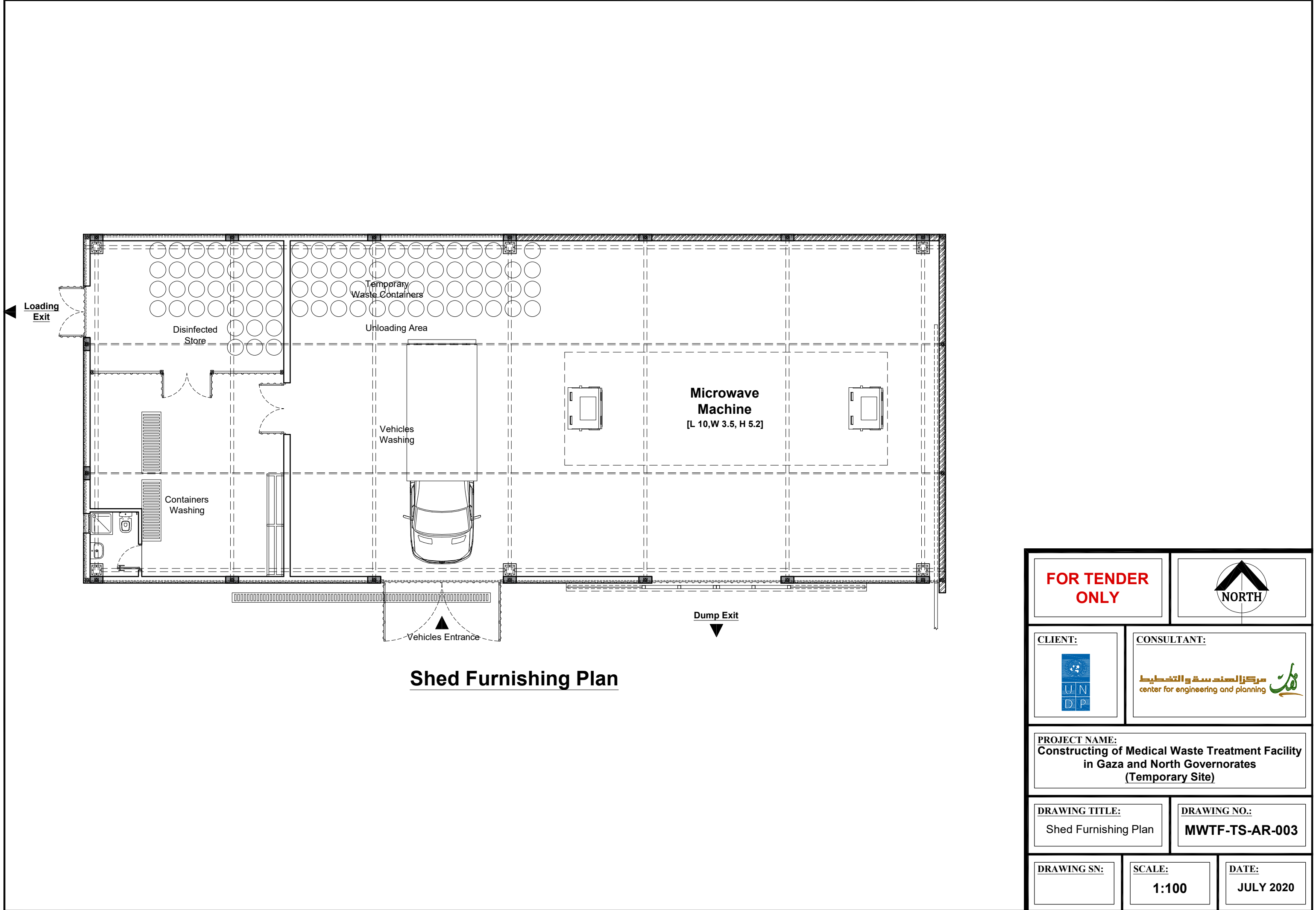
DATE:

JULY 2020

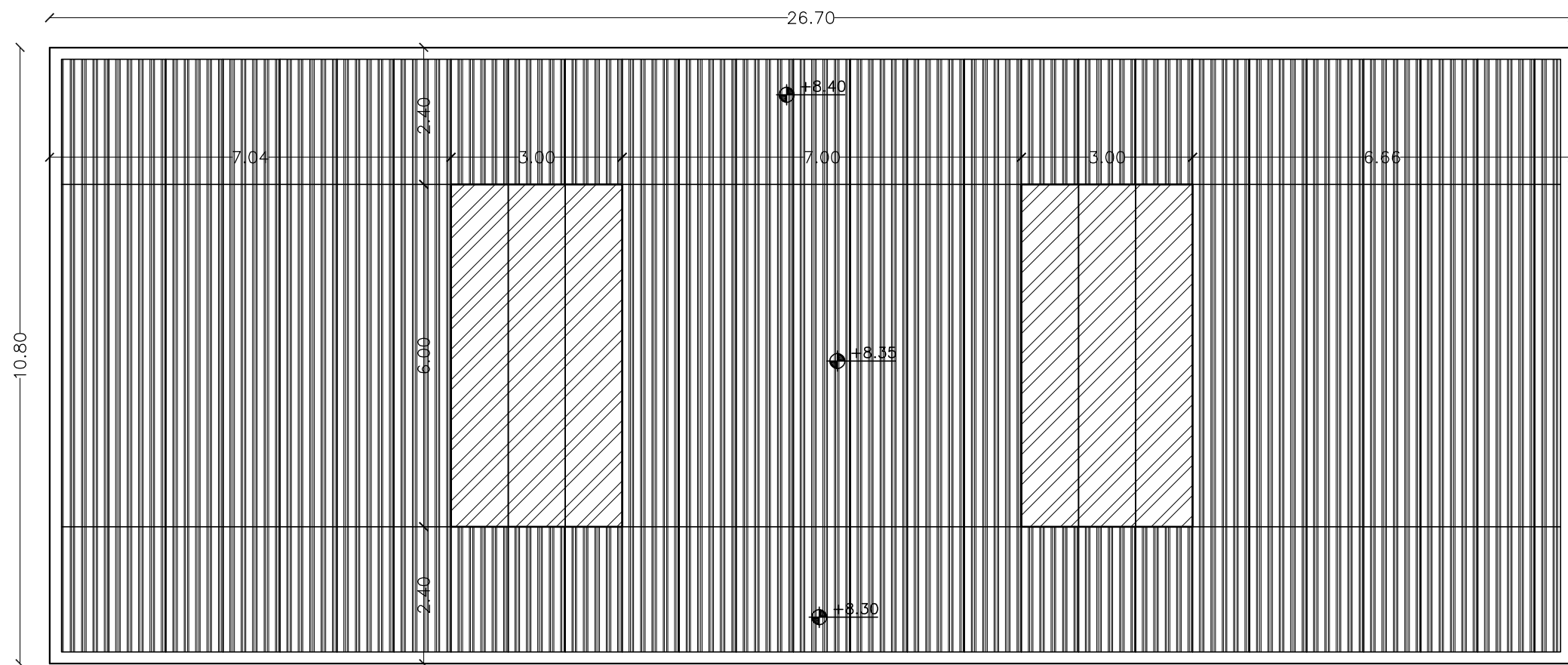


Shed Plan

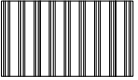
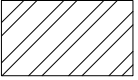
FOR TENDER ONLY		 NORTH	
CLIENT: 		CONSULTANT:  center for engineering and planning	
PROJECT NAME: Constructing of Medical Waste Treatment Facility in Gaza and North Governorates (Temporary Site)			
DRAWING TITLE: Shed Plan		DRAWING NO.: MWTF-TS-AR-002	
DRAWING SN:	SCALE: 1:100	DATE: JULY 2020	



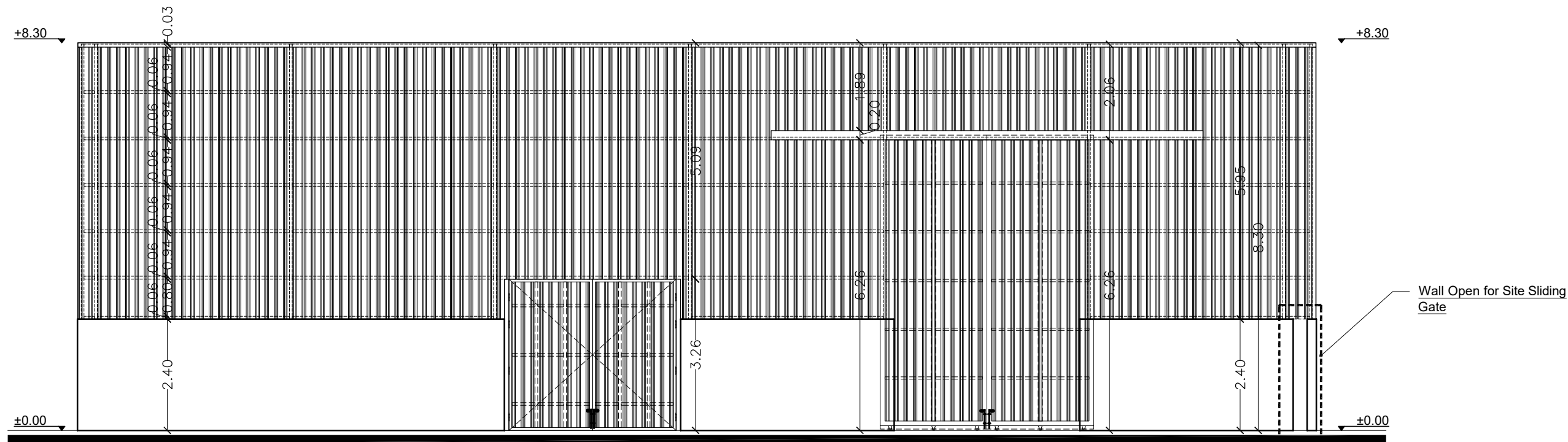
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CLIENT: 		CONSULTANT:  مركز الهندسة والتخطيط center for engineering and planning	
PROJECT NAME: Constructing of Medical Waste Treatment Facility in Gaza and North Governorates (Temporary Site)			
DRAWING TITLE: Shed Furnishing Plan		DRAWING NO.: MWTF-TS-AR-003	
DRAWING SN:	SCALE: 1:100	DATE: JULY 2020	



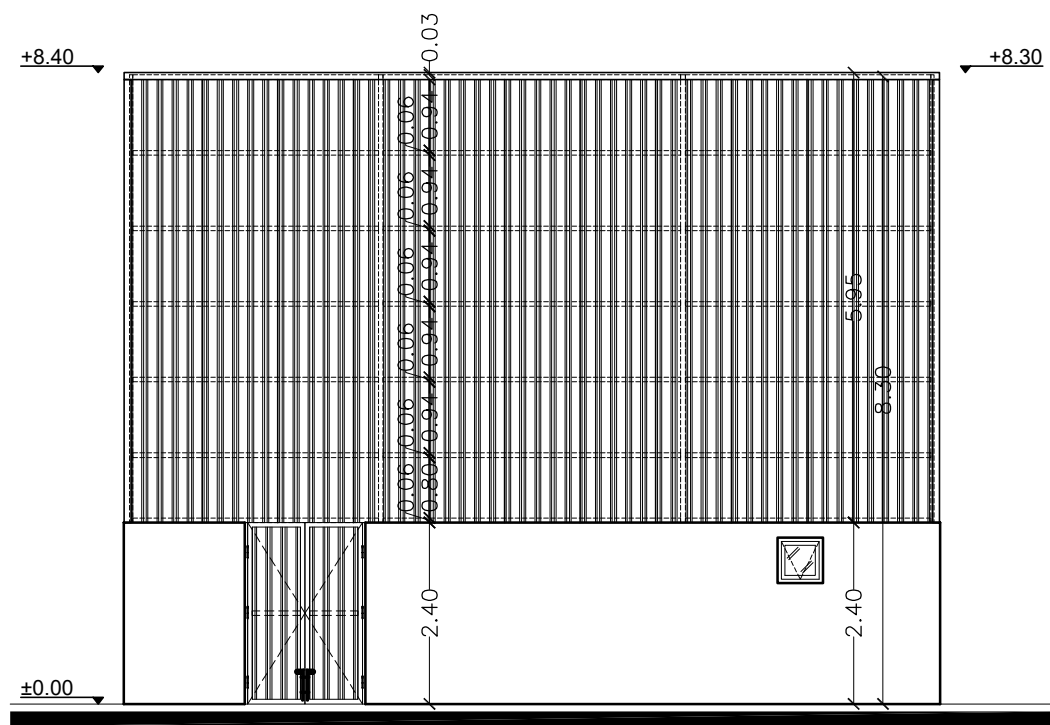
Shed Top View

-  Galvanized Steel Corrugated sheet
-  Sky light transparent Polycarbonate Corrugated sheets

FOR TENDER ONLY		 NORTH	
CLIENT: 		CONSULTANT: 	
PROJECT NAME: Constructing of Medical Waste Treatment Facility in Gaza and North Governorates (Temporary Site)			
DRAWING TITLE: Shed Top View		DRAWING NO.: MWTF-TS-AR-004	
DRAWING SN: 	SCALE: 1:100	DATE: JULY 2020	

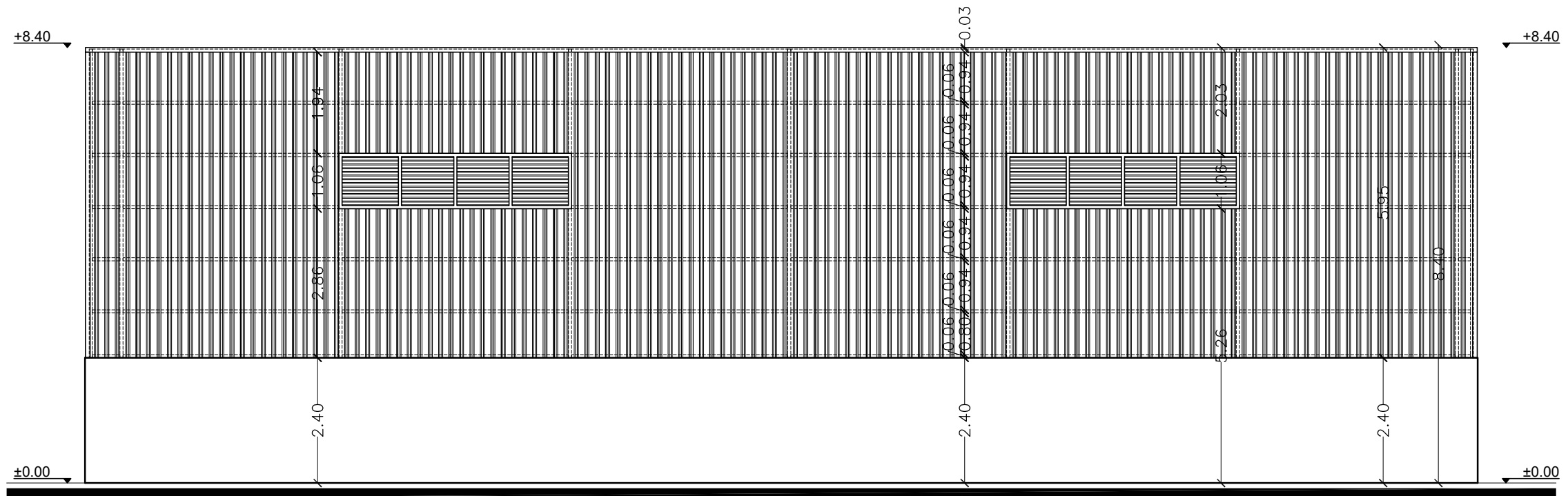


Southern Elevation

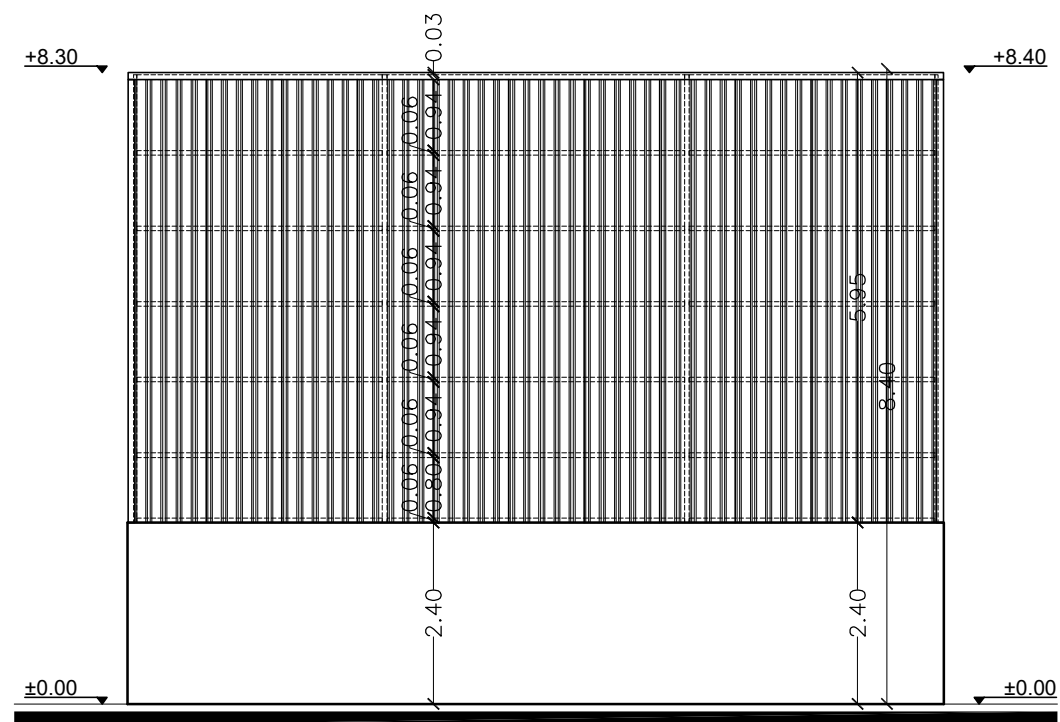


Western Elevation

FOR TENDER ONLY		
CLIENT: 	CONSULTANT: <div>مركز الهندسة والتخطيط</div> <div>center for engineering and planning</div> 	
PROJECT NAME: Constructing of Medical Waste Treatment Facility in Gaza and North Governorates (Temporary Site)		
DRAWING TITLE: Southern & Western Elevations	DRAWING NO.: MWTF-TS-AR-005	
DRAWING SN:	SCALE: 1:100	DATE: JULY 2020



Northern Elevation



Eastern Elevation

**FOR TENDER
ONLY**

CLIENT:



CONSULTANT:

مركز الهندسة والتخطيط
center for engineering and planning

PROJECT NAME:
Constructing of Medical Waste Treatment Facility
in Gaza and North Governorates
(Temporary Site)

DRAWING TITLE:
Northern & Eastern
Elevations

DRAWING NO.:
MWTF-TS-AR-006

DRAWING SN:

SCALE:
1:100

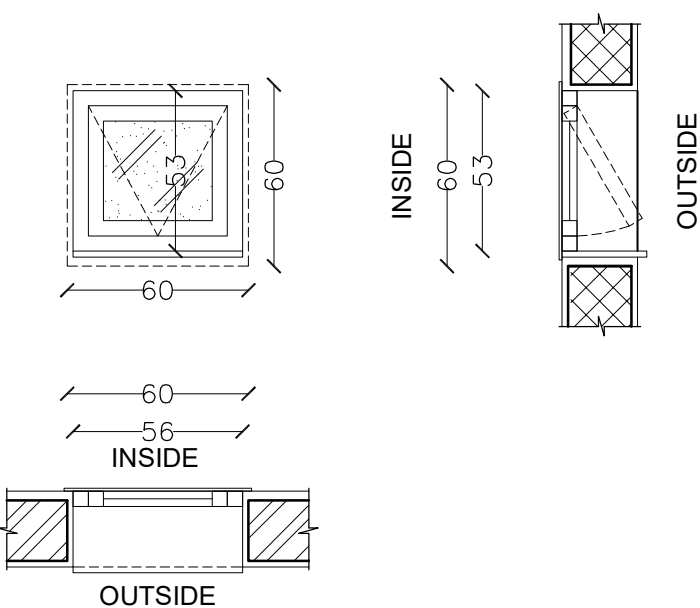
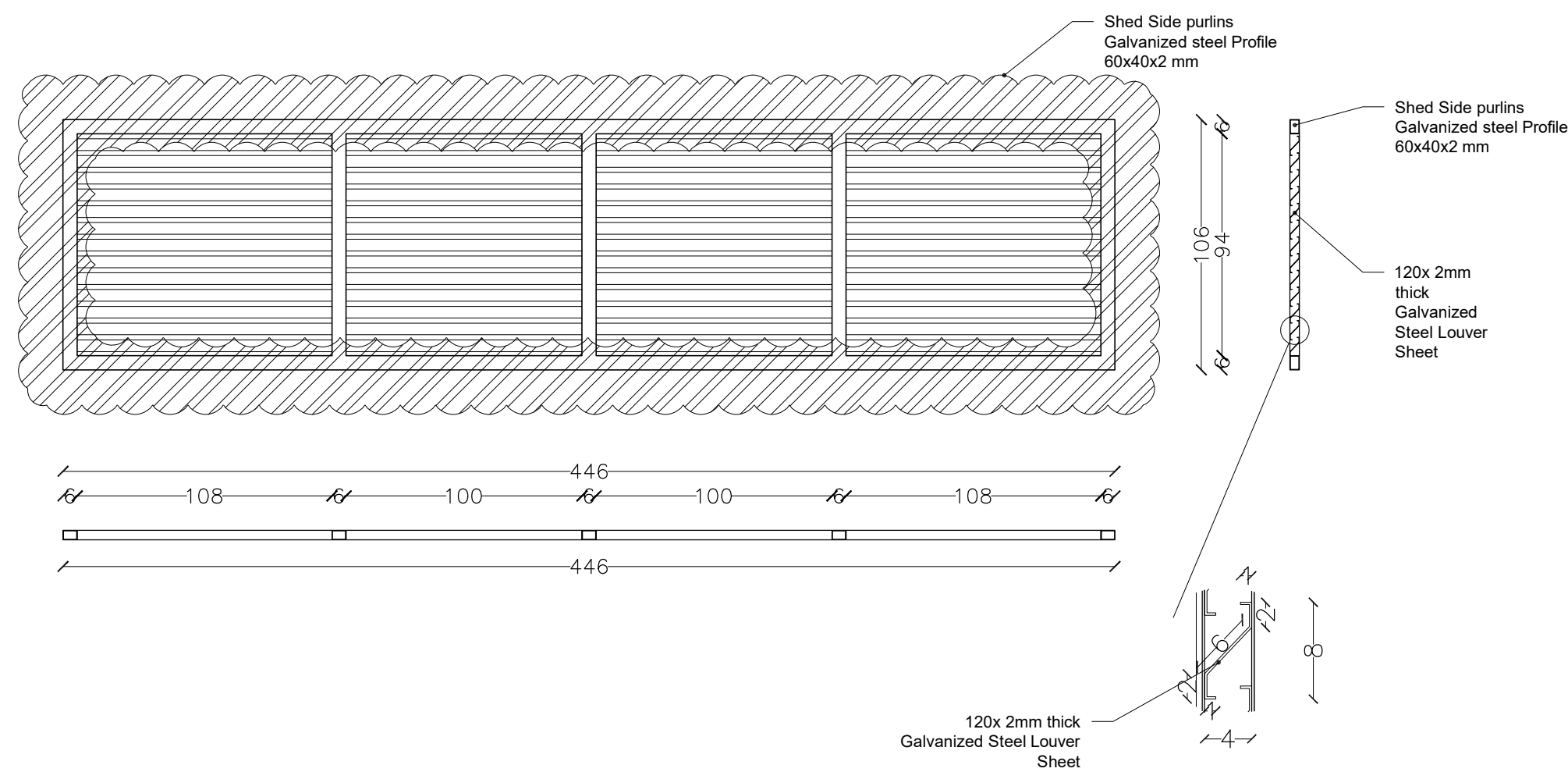
DATE:
JULY 2020

Shed Louver Steel Windows Details

Scale 1:25

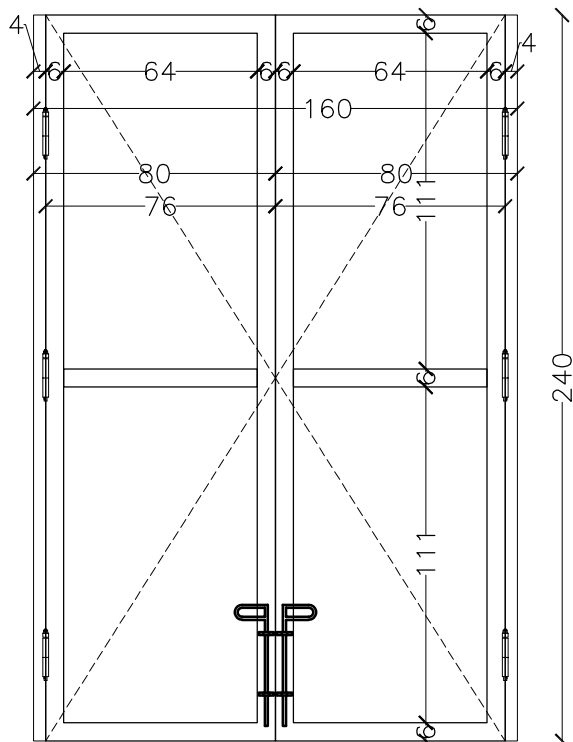
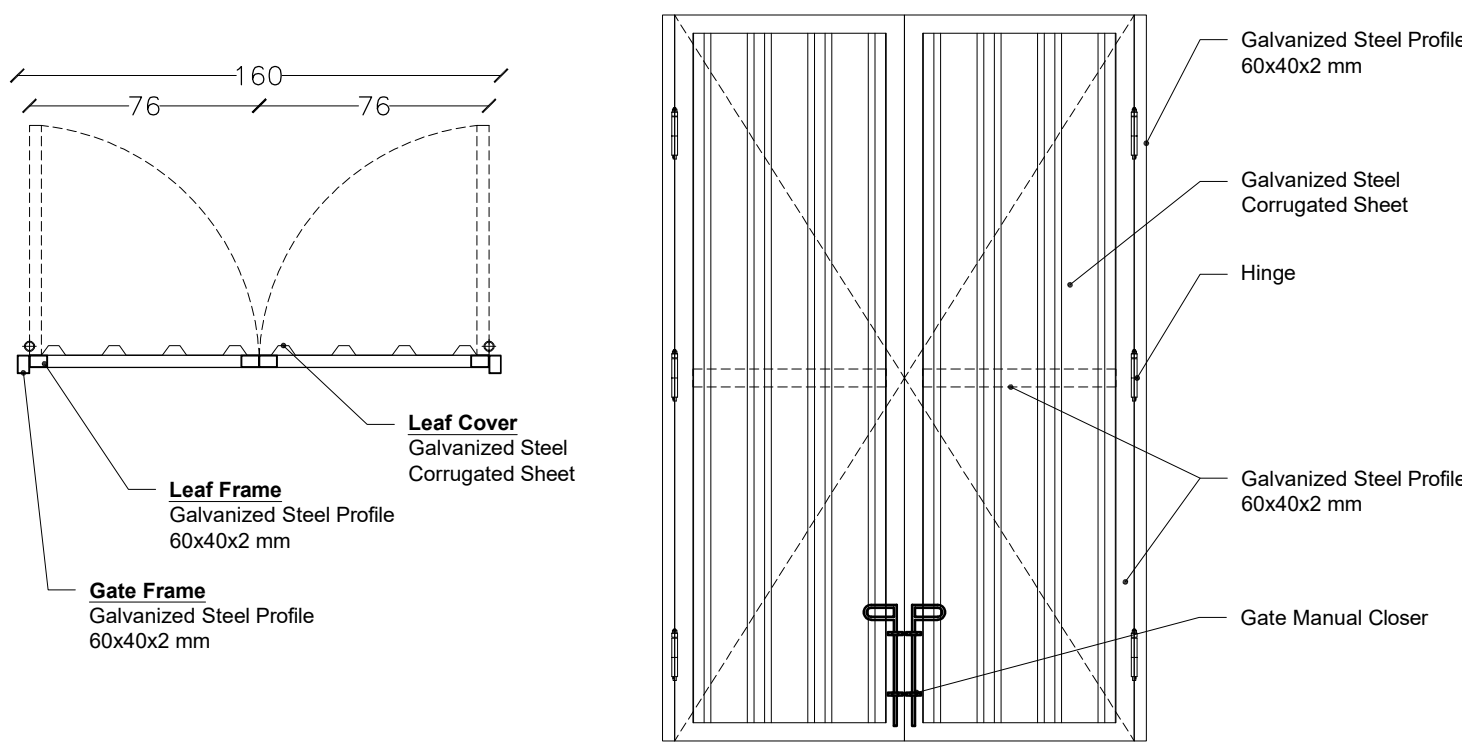
Toilet Window Details



Scale 1:25

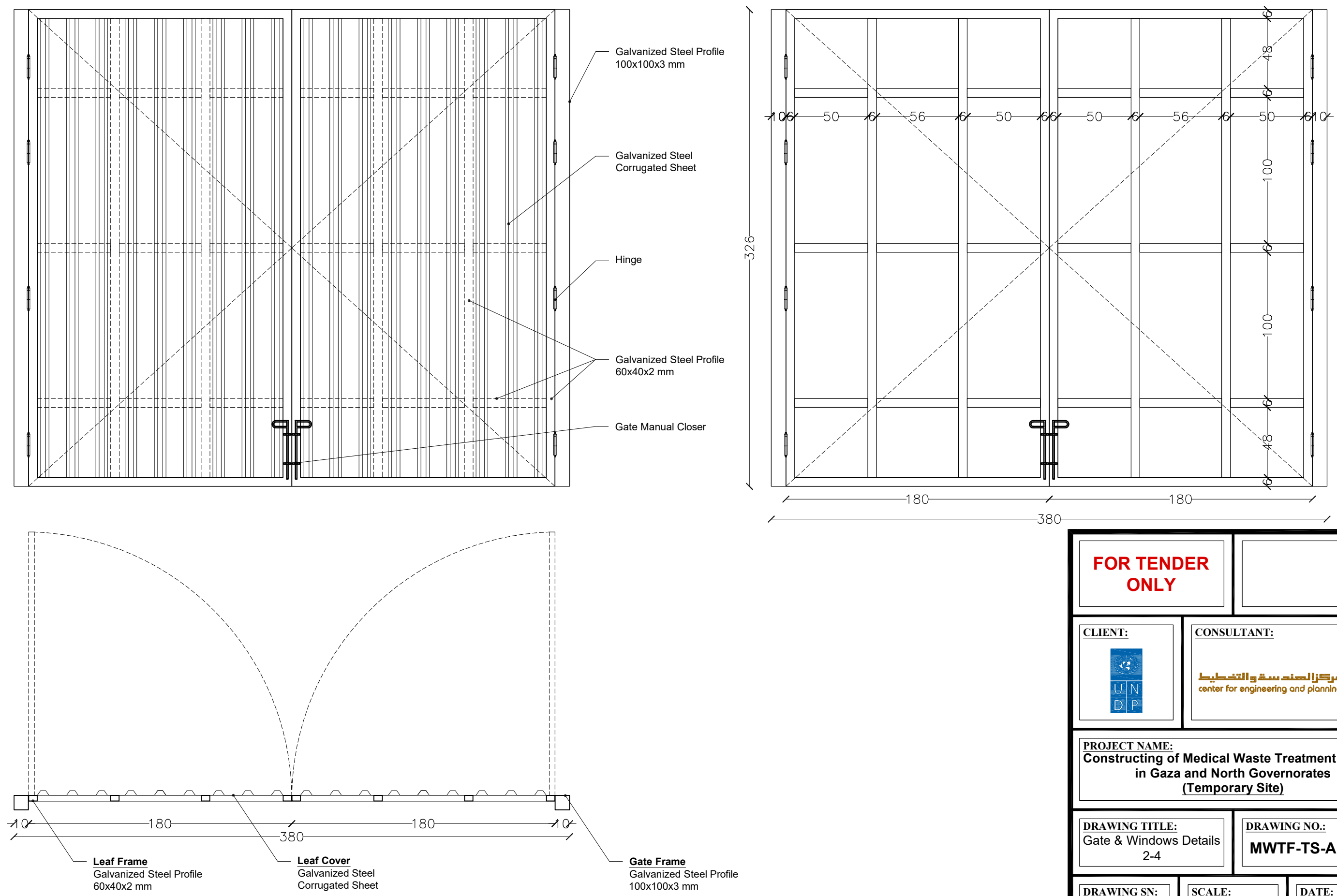


Steel Gate 3 Details

Scale 1:25



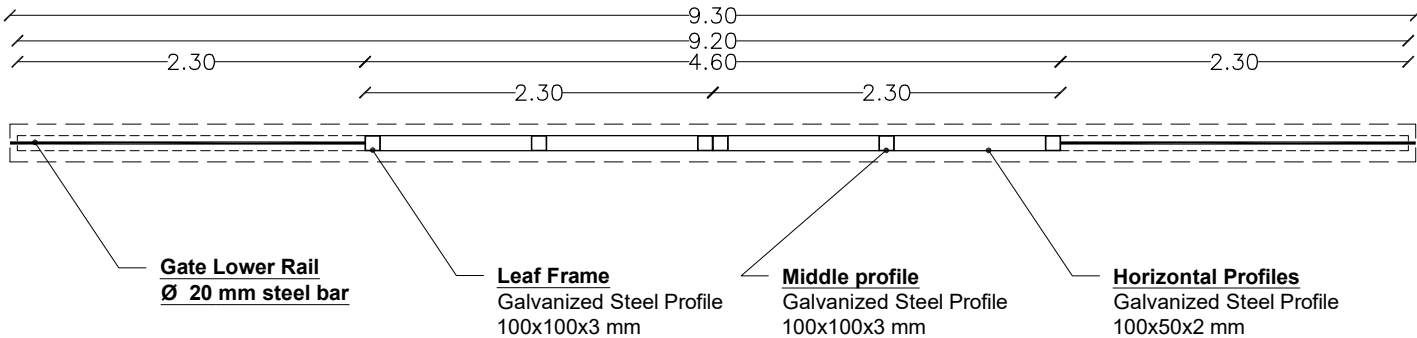
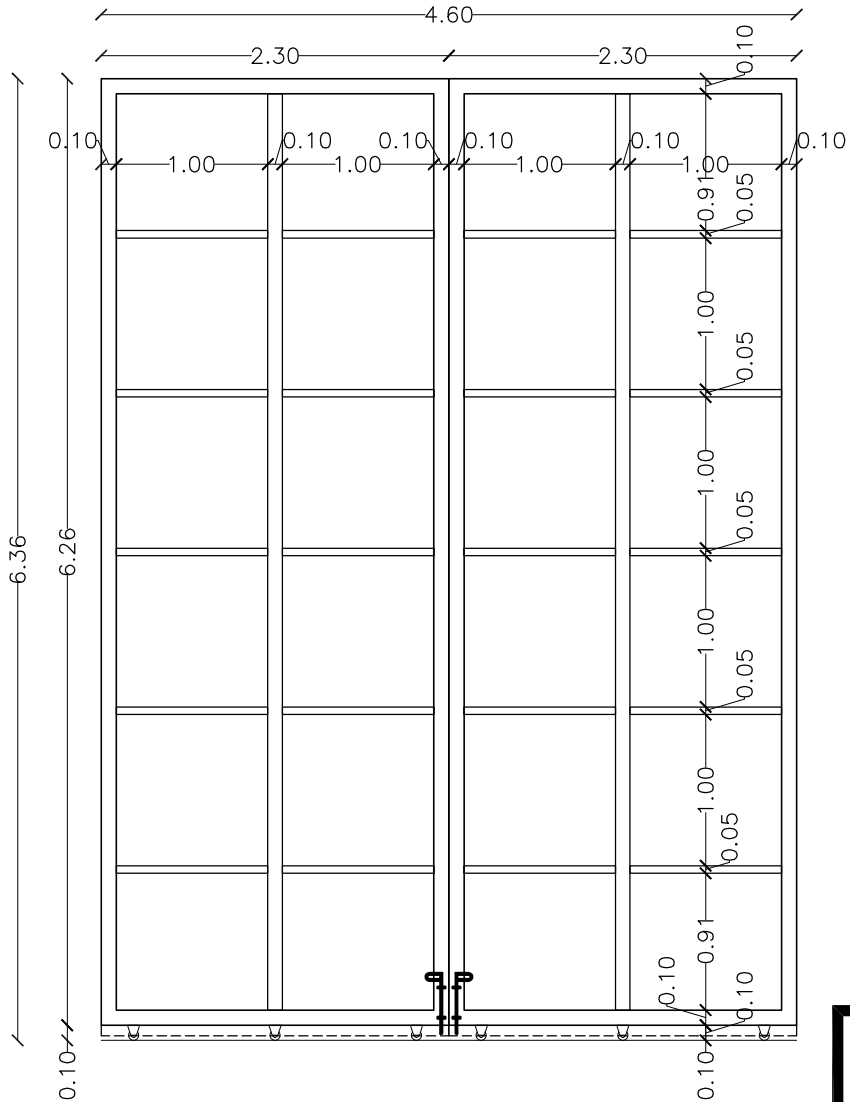
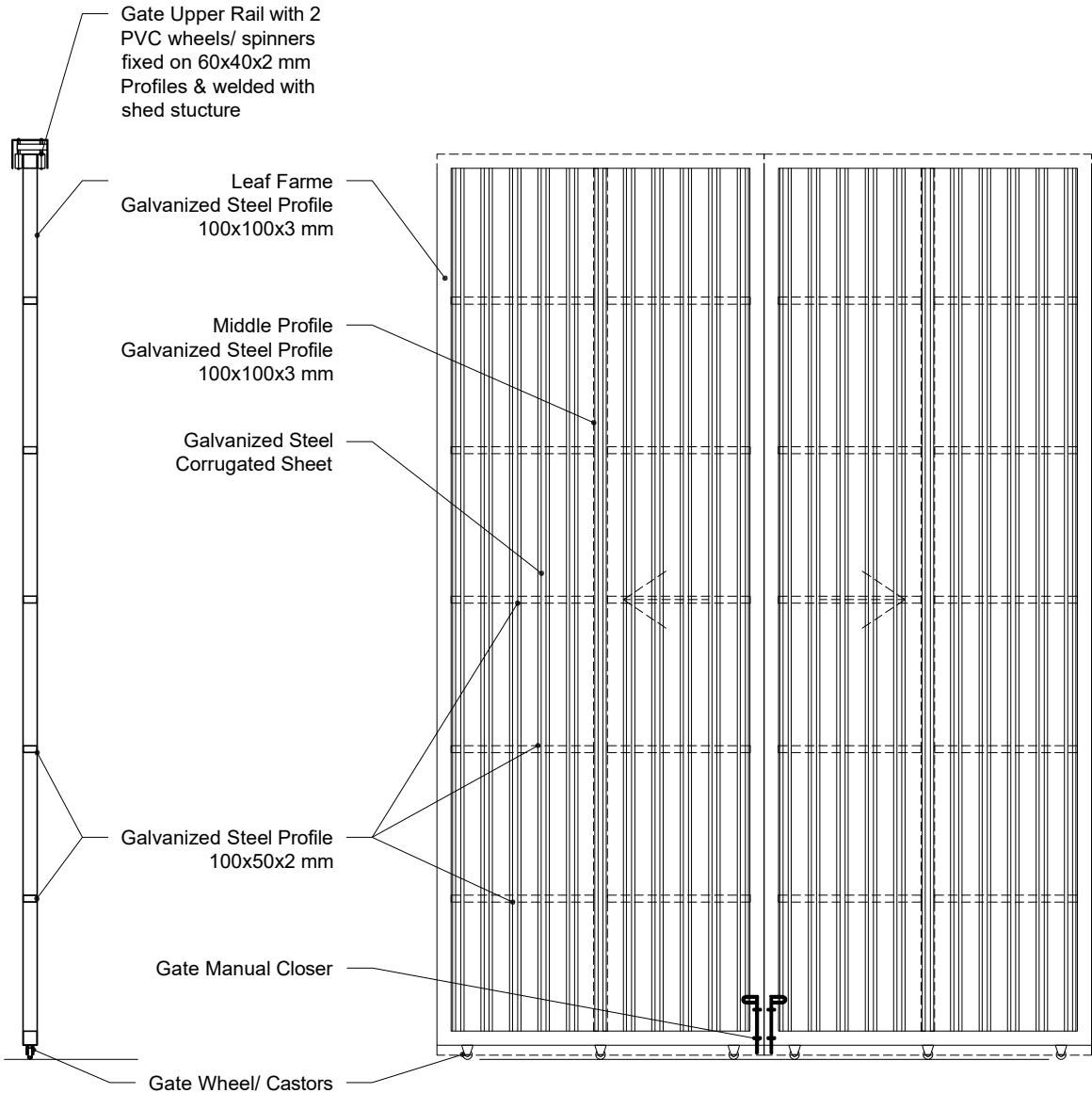
FOR TENDER ONLY		
CLIENT: 	CONSULTANT:  center for engineering and planning	
PROJECT NAME: Constructing of Medical Waste Treatment Facility in Gaza and North Governorates (Temporary Site)		
DRAWING TITLE: Gate & Windows Details 1-4	DRAWING NO.: MWTF-TS-AR-007	
DRAWING SN:	SCALE: As Shown	DATE: JULY 2020



FOR TENDER ONLY		
CLIENT: 	CONSULTANT: 	
PROJECT NAME: Constructing of Medical Waste Treatment Facility in Gaza and North Governorates (Temporary Site)		
DRAWING TITLE: Gate & Windows Details 2-4	DRAWING NO.: MWTF-TS-AR-008	
DRAWING SN:	SCALE: As Shown	DATE: JULY 2020

Steel Sliding Gate 1 Details

Scale 1:50



**FOR TENDER
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CLIENT:



CONSULTANT:

مركز الهندسة والتخطيط
center for engineering and planning

PROJECT NAME:
Constructing of Medical Waste Treatment Facility
in Gaza and North Governorates
(Temporary Site)

DRAWING TITLE:
Gate & Windows Details
3-4

DRAWING NO.:
MWTF-TS-AR-009

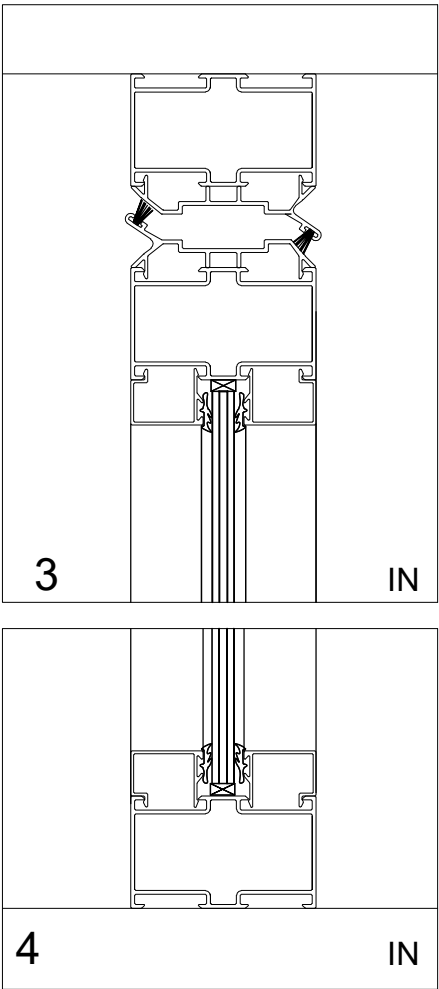
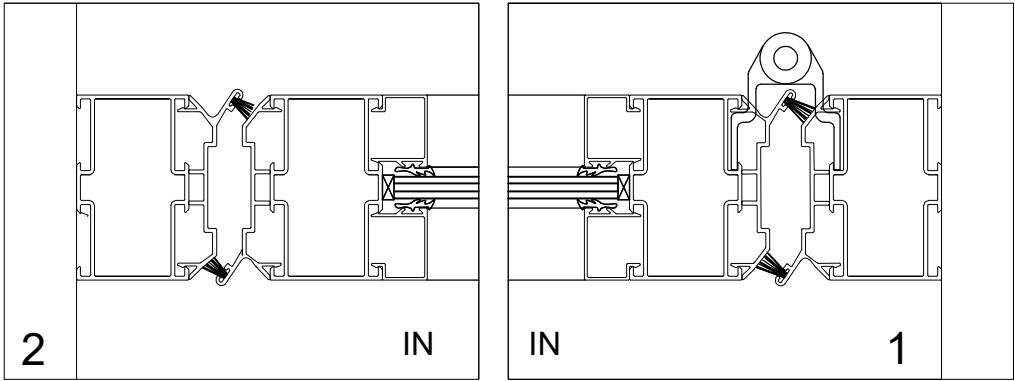
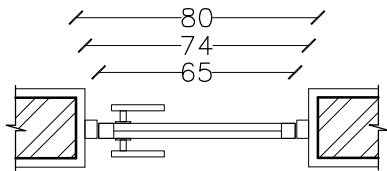
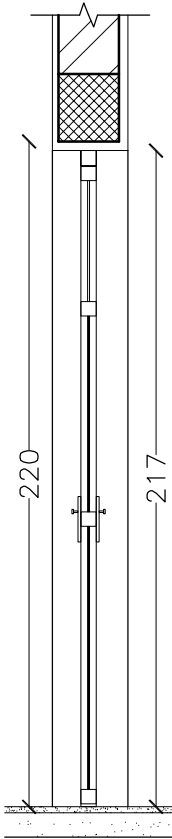
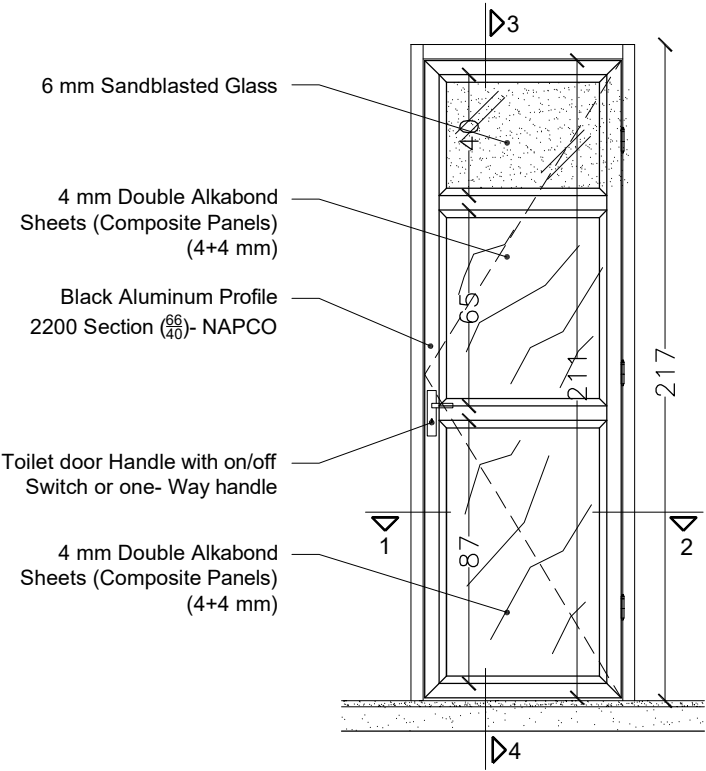
DRAWING SN:

SCALE:

As Shown

DATE:

JULY 2020



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CLIENT:



CONSULTANT:

مركز الهندسة والتخطيط
center for engineering and planning

PROJECT NAME:
Constructing of Medical Waste Treatment Facility
in Gaza and North Governorates
(Temporary Site)

DRAWING TITLE:
Gate & Windows Details
4-4

DRAWING NO.:
MWTF-TS-AR-010

DRAWING SN:

SCALE:
As Shown

DATE:
JULY 2020

Constructing of Medical Waste Treatment Facility in Gaza and North Governorates (Temporary Site)

ITB:

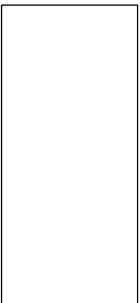
STRUCTURAL DRAWINGS

MWTF-TS-ST-001 → MWTF-TS-ST-004

Structural Drawings List

Drawing #	Drawing Title
MWTF-TS-ST-001	Structural Drawings List
MWTF-TS-ST-002	Roof Framing Layout
MWTF-TS-ST-003	Section of Trusses
MWTF-TS-ST-004	Details (1/3)
MWTF-TS-ST-005	Details (2/3)
MWTF-TS-ST-006	Details (3/3)

FOR TENDER
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CLIENT:



CONSULTANT:

مركز التخطيط والتخطيط
center for engineering and planning



PROJECT NAME:

Constructing of Medical Waste Treatment Facility
in Gaza and North Governorates
(Temporary Site)

DRAWING TITLE:

Structural Drawings List

DRAWING NO.:

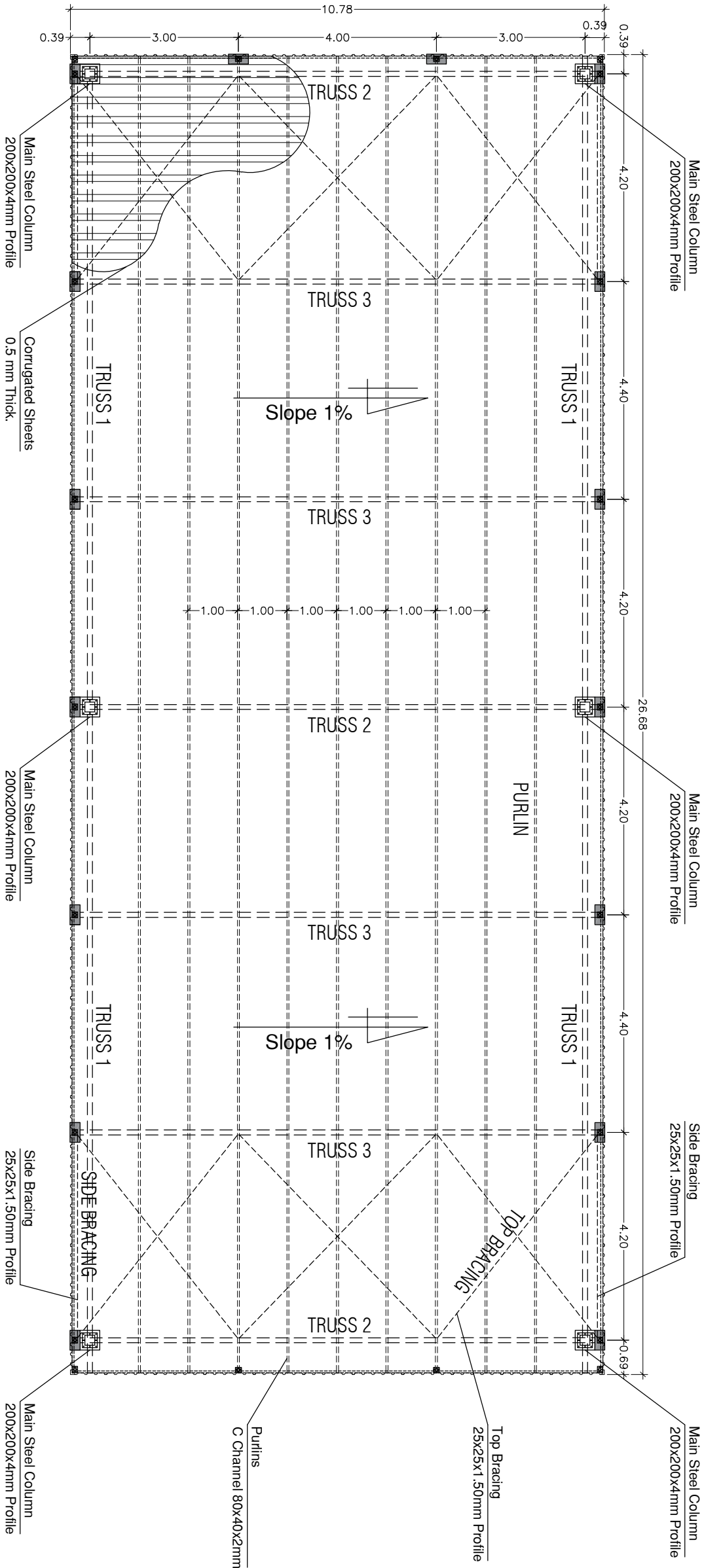
MWTF-TS-ST-001

DRAWING SN:

SCALE:

DATE:

JUL Y 2020



ROOF FRAMING LAYOUT

SCALE 1:100

FOR TENDER ONLY

CLIENT:

CONSULTANT:

PROJECT NAME:
Constructing of Medical Waste Treatment Facility
in Gaza and North Governorates
(Temporary Site)

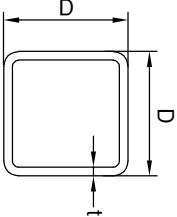
DRAWING TITLE:
Roof Framing Layout

DRAWING NO.:
MWTF-TS-ST-002

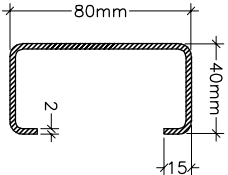
DRAWING SN:

SCALE:
As Shown

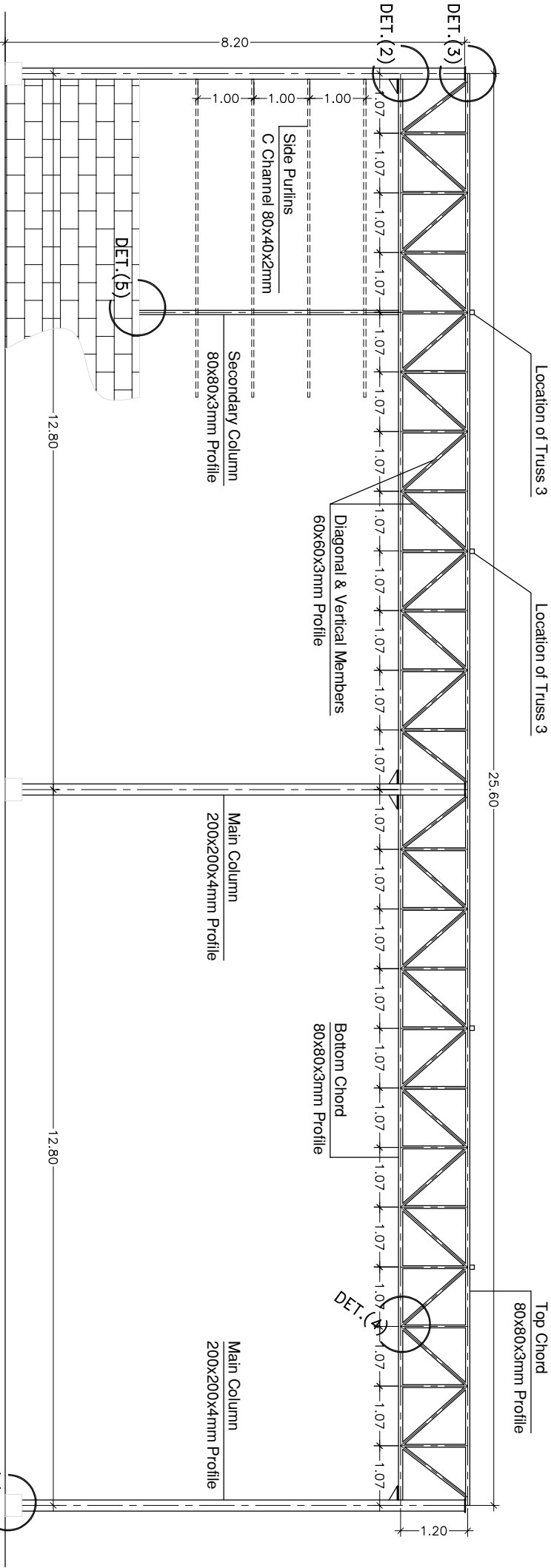
DATE:
JUL Y 2020



PROPERTIES OF TRUSS MEMBERS (PROFILE)			
Member Group	DEPTH D (mm)	Minimum Wall Thickness (t) (mm)	Weight (kg/m)
Main Columns	200	4	24.19
Top and Bottom Chords	80	3	7.22
Diagonal & Vert. Members	60	3	5.34
Secondary Columns	80	3	7.22

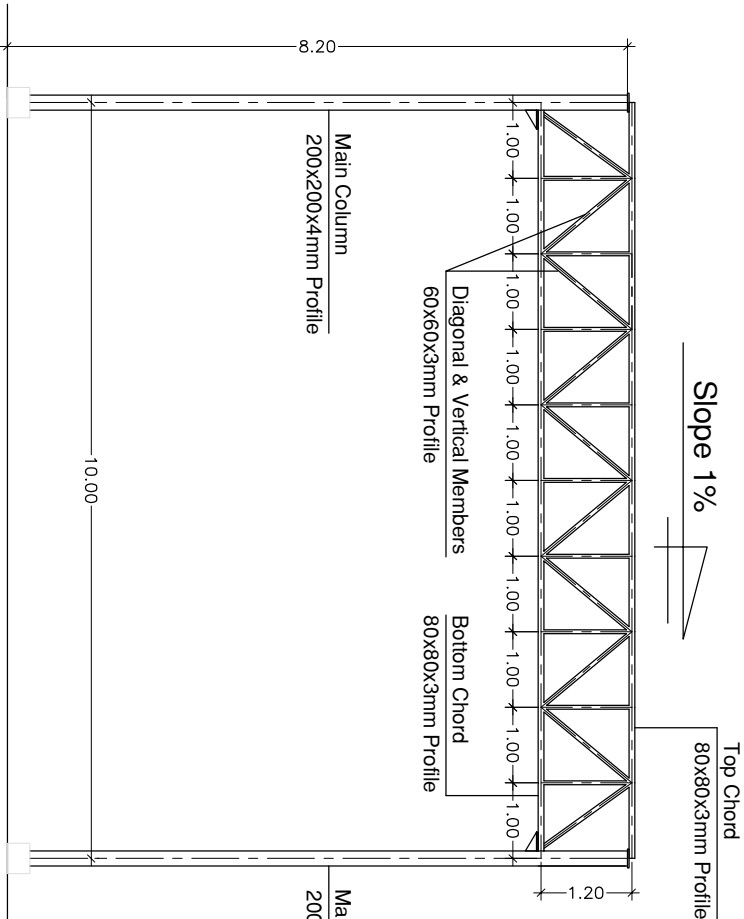


PROPERTIES OF THE PURLINS



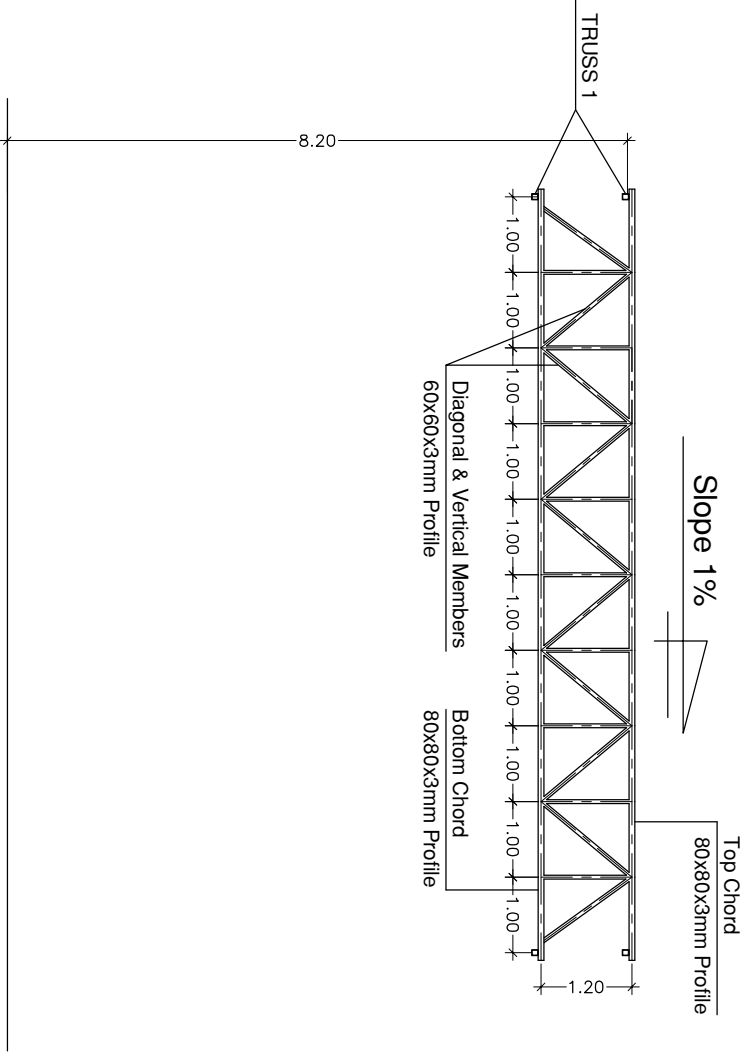
TRUSS 1 SECTION

SCALE 1:100



TRUSS 2 SECTION

SCALE 1:100



TRUSS 3 SECTION

SCALE 1:100

FOR TENDER
ONLY



CLIENT:



CONSULTANT:

مركز التخطيط والتخطيط
center for engineering and planning

PROJECT NAME:
Constructing of Medical Waste Treatment Facility
in Gaza and North Governorates
(Temporary Site)

DRAWING TITLE:

Section of Trusses

DRAWING NO.:

MWTF-TS-ST-003

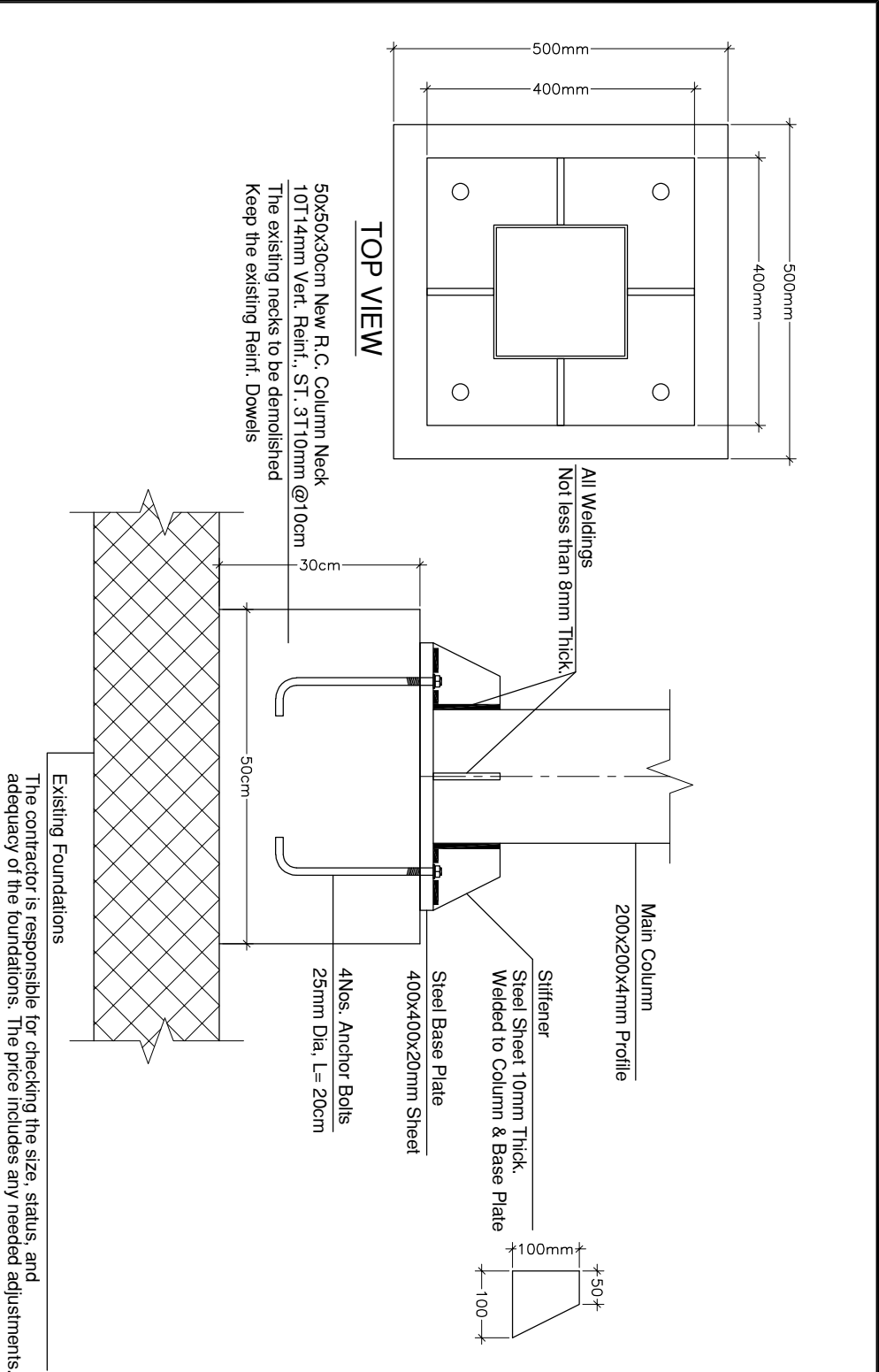
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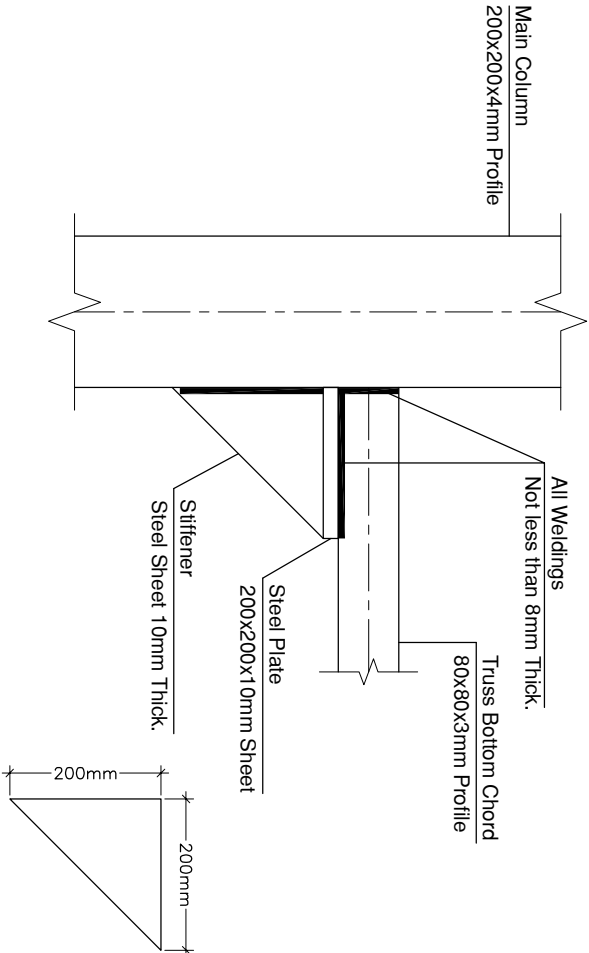
DATE:

JUL Y 2020



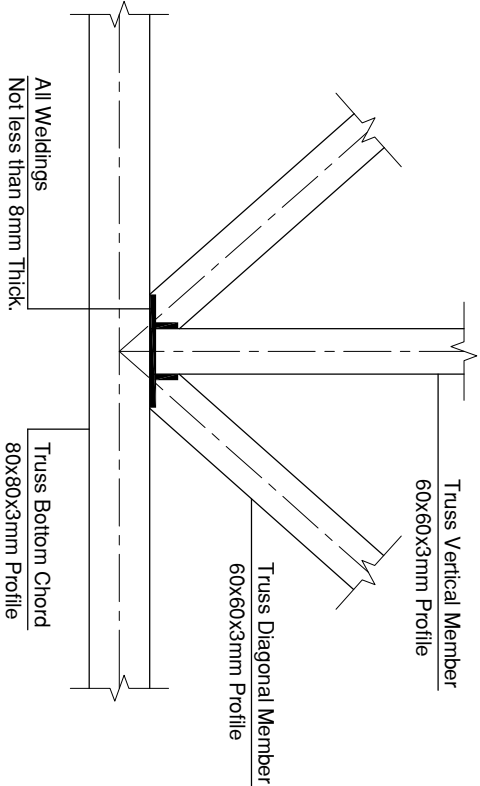
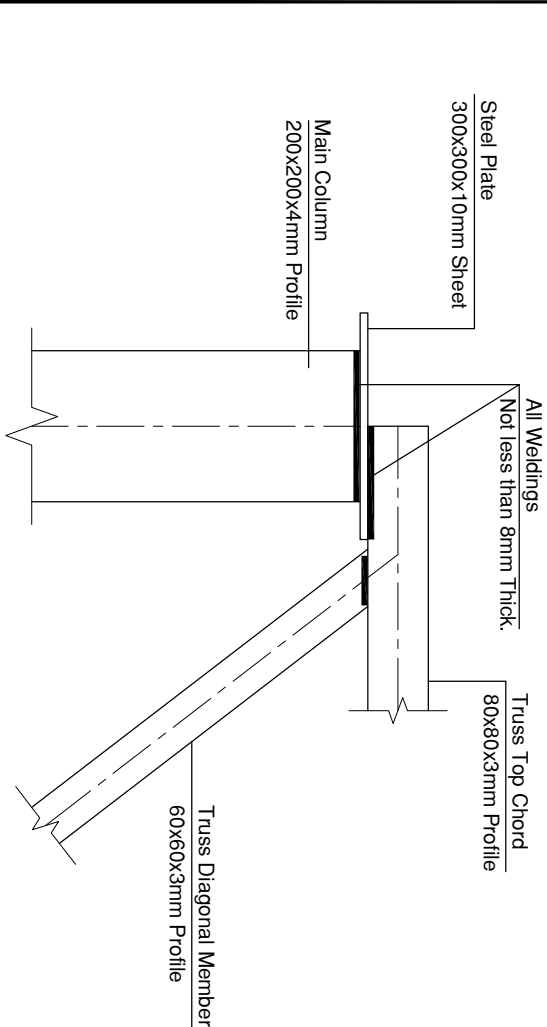
DETAIL NO. 1

SCALE 1:10

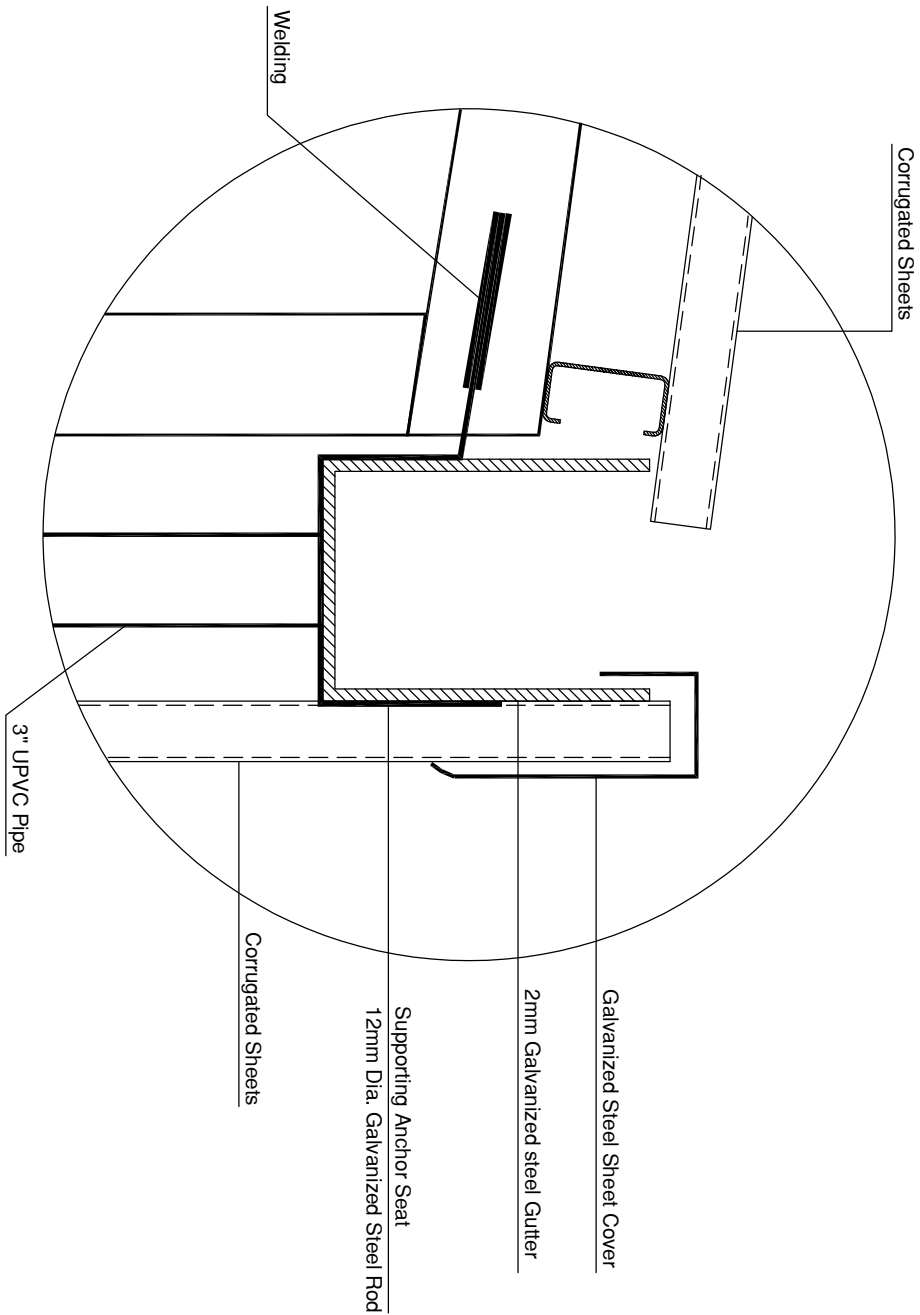


DETAIL NO. 2

SCALE 1:10

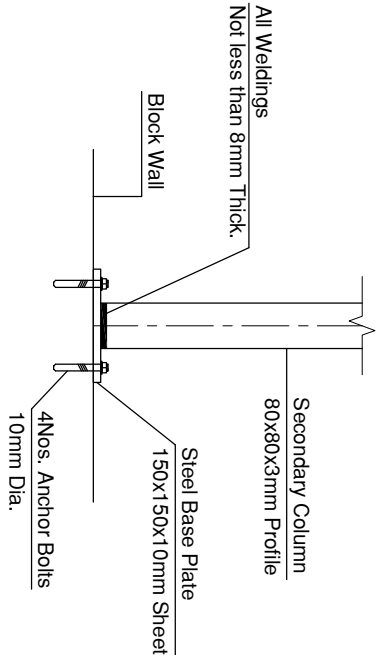


<div>FOR TENDER ONLY</div>		<div></div>	
<div>CLIENT:<div></div></div>		<div>CONSULTANT:<div></div></div>	
<div>PROJECT NAME:<div>Constructing of Medical Waste Treatment Facility in Gaza and North Governorates (Temporary Site)</div></div>			
<div>DRAWING TITLE:<div>Details (1/3)</div></div>		<div>DRAWING NO.:<div>MWTF-TS-ST-004</div></div>	
<div>DRAWING SN:<div></div></div>		<div>SCALE:<div>As Shown</div></div>	<div>DATE:<div>JULY 2020</div></div>



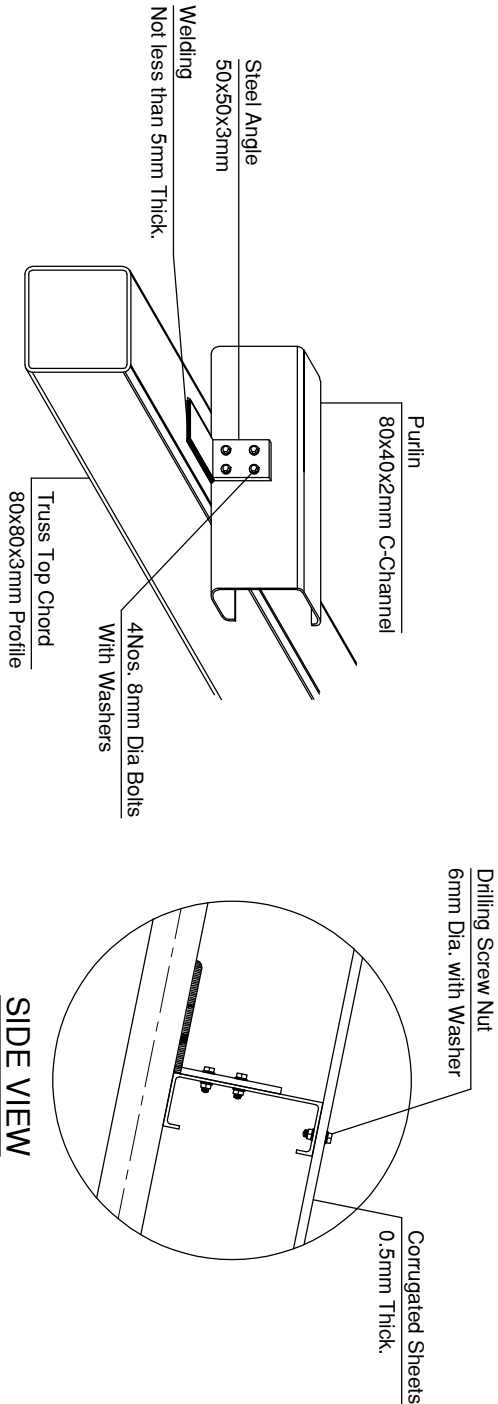
GENERAL DETAILS FOR RAIN WATER GUTTER

NOT TO SCALE



DETAIL NO. 5

SCALE 1:10



SIDE VIEW

DETAIL FOR PURLINS CONNECTION

NOT TO SCALE

FOR TENDER ONLY



CLIENT:



CONSULTANT:



PROJECT NAME:
Constructing of Medical Waste Treatment Facility
in Gaza and North Governorates
(Temporary Site)

DRAWING TITLE:

Details (2/3)

DRAWING NO.:

MWTF-TS-ST-005

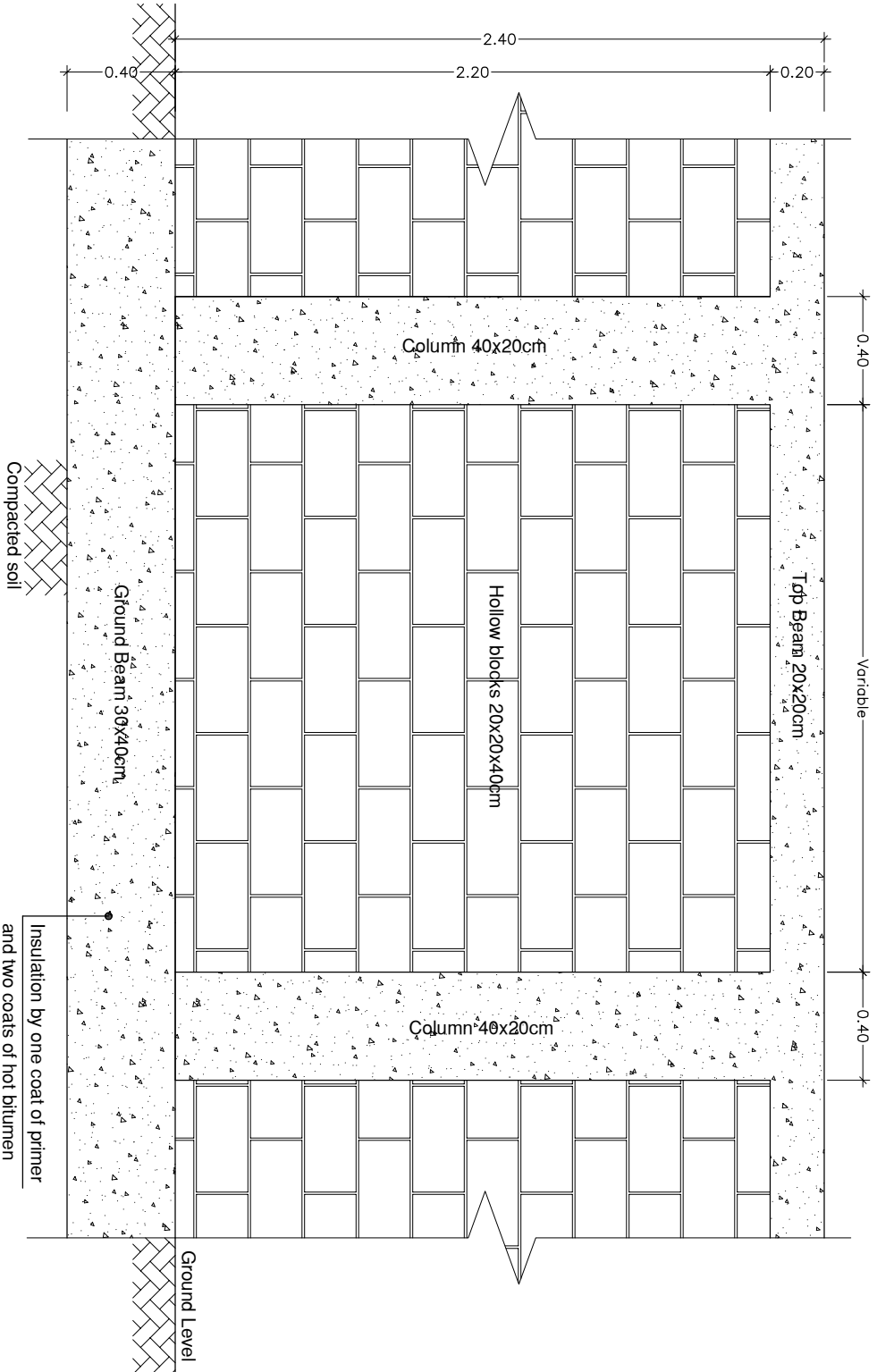
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SCALE:

As Shown

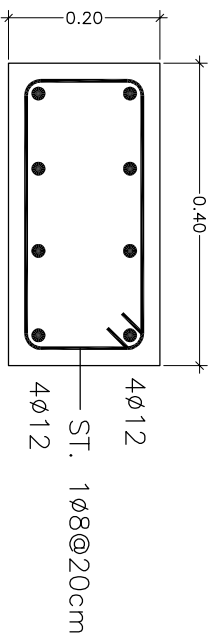
DATE:

JULY 2020



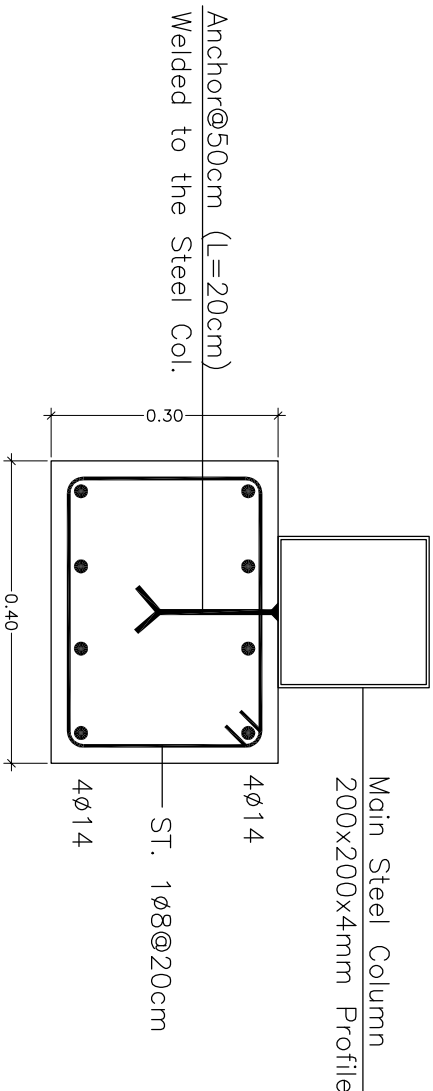
DETAILS FOR THE BOUNDARY WALL

Scale 1:25



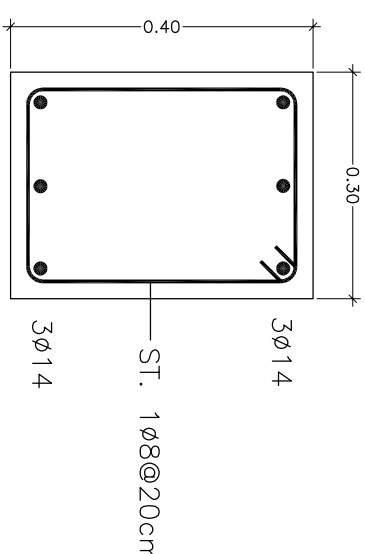
COLUMN DETAILS

SCALE 1:10



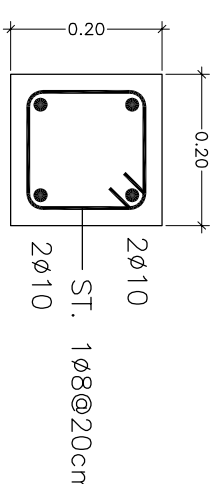
COLUMN DETAILS (BEHIND SHED COLUMNS)

SCALE 1:10



GROUND BEAM DETAILS

SCALE 1:10



TOP BEAM DETAILS

SCALE 1:10

FOR TENDER
ONLY



CLIENT:



CONSULTANT:



PROJECT NAME:
Constructing of Medical Waste Treatment Facility
in Gaza and North Governorates
(Temporary Site)

DRAWING TITLE:

Details (3/3)

DRAWING NO.:

MWTF-TS-ST-006

DRAWING SN:

SCALE:

As Shown

DATE:

JULY 2020

Constructing of Medical Waste Treatment
Facility in Gaza and North Governorates
(Temporary Site)

ITB:

MECHANICAL DRAWINGS
MWTF-TS-ME-001 → MWTF-TS-ME-009

Mechanical Drawings List

Drawing #	Drawing Title
MWTF-TS-ME-001	Mechanical Drawings List
MWTF-TS-ME-002	Sewage Plan
MWTF-TS-ME-003	General Details
MWTF-TS-ME-004	General Details
MWTF-TS-ME-005	General Details
MWTF-TS-ME-006	Plumbing Plan
MWTF-TS-ME-007	Water Supply Plan
MWTF-TS-ME-008	General Details
MWTF-TS-ME-009	General Details

FOR TENDER ONLY

CLIENT:



CONSULTANT:

مركز الهندسة والتخطيط

center for engineering and planning



PROJECT NAME:

Constructing of Medical Waste Treatment Facility
in Gaza and North Governorates

ITB NO.:

DRAWING TITLE:

Mechanical Drawings
List

DRAWING NO.:

MWTF-TS-ME-001

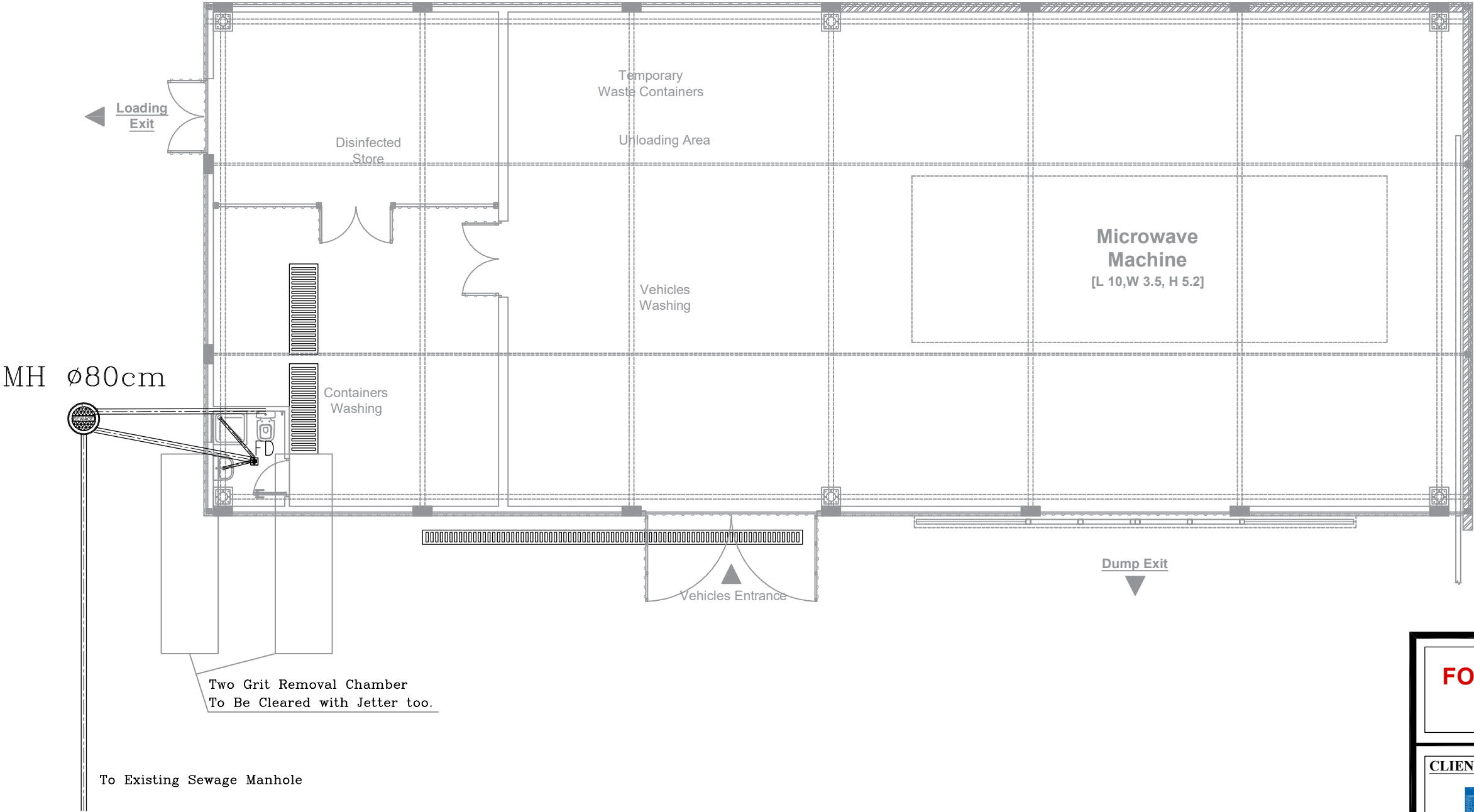
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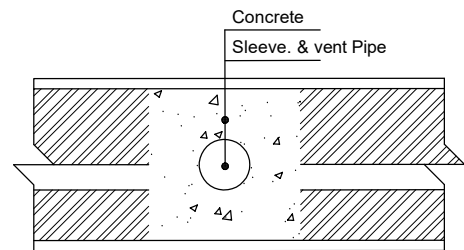
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DATE:

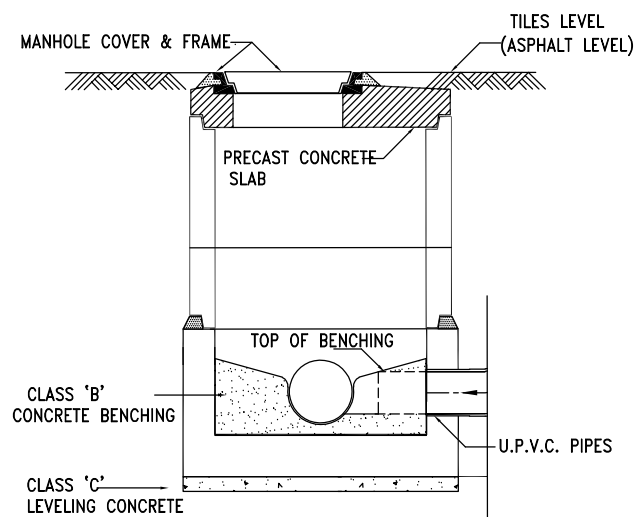
JULY 2020



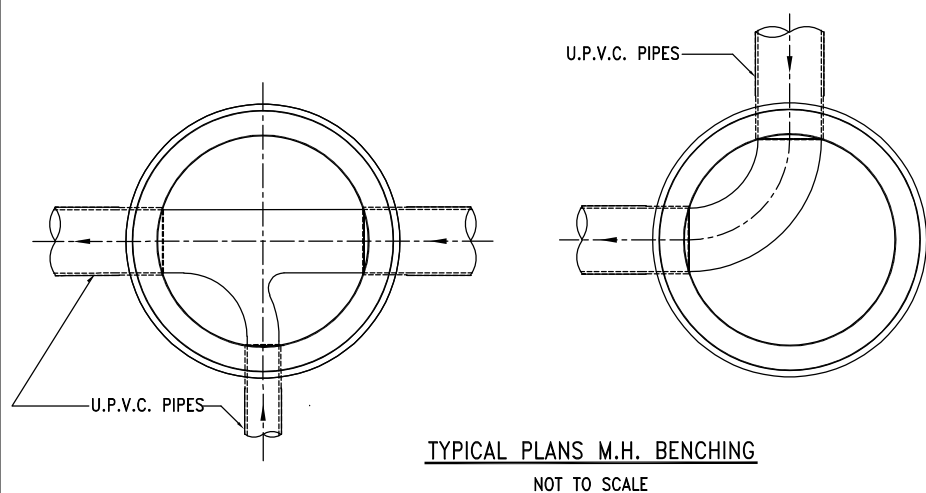
FOR TENDER ONLY		
CLIENT: 	CONSULTANT: 	
PROJECT NAME: Constructing of Medical Waste Treatment Facility in Gaza and North Governorates ITB NO.:		
DRAWING TITLE: Sewage Network	DRAWING NO.: MWTF-TS-ME-002	
DRAWING SN:	SCALE: 1:100	DATE: JULY 2020



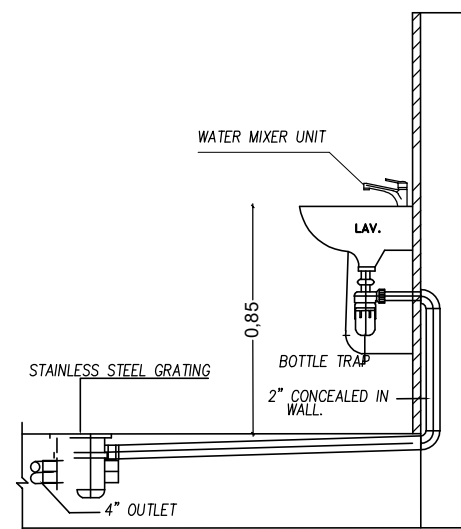
UPVC PIPES IN THE WALLS



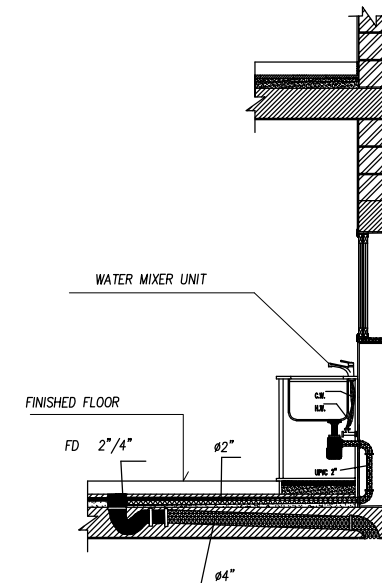
TYPICAL MANHOLE SECTION
NOT TO SCALE



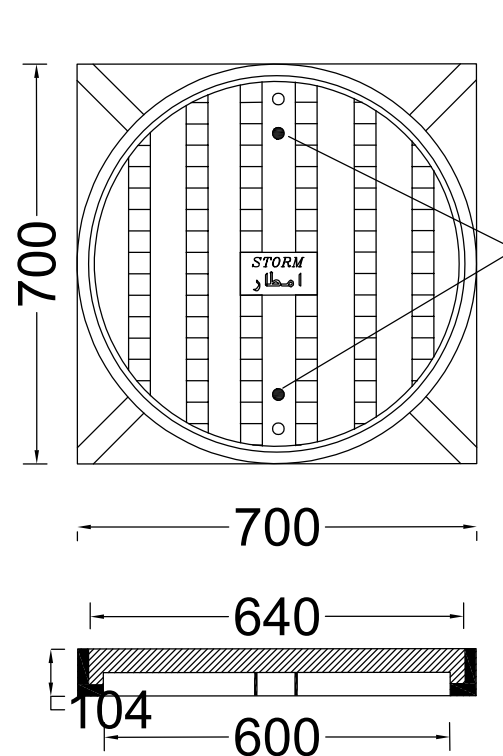
TYPICAL PLANS M.H. BENCHING
NOT TO SCALE



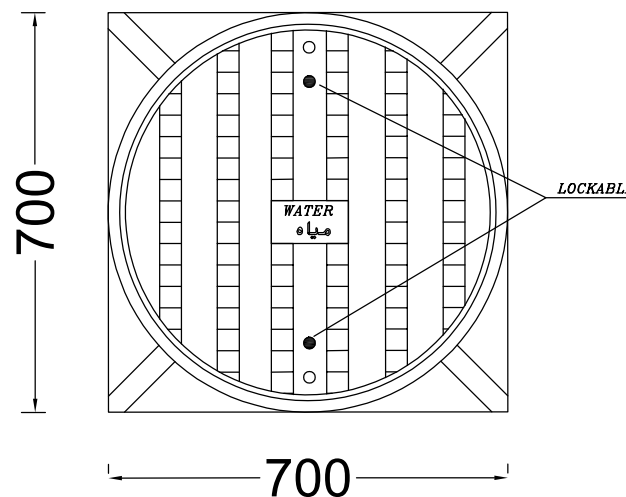
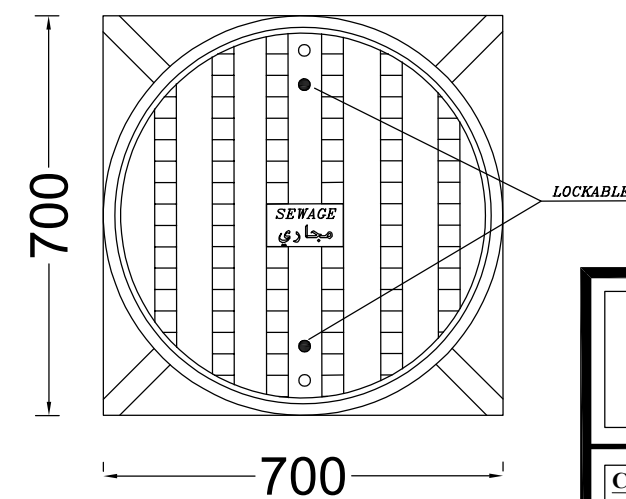
TYPICAL LAVATORY INSTALLATION



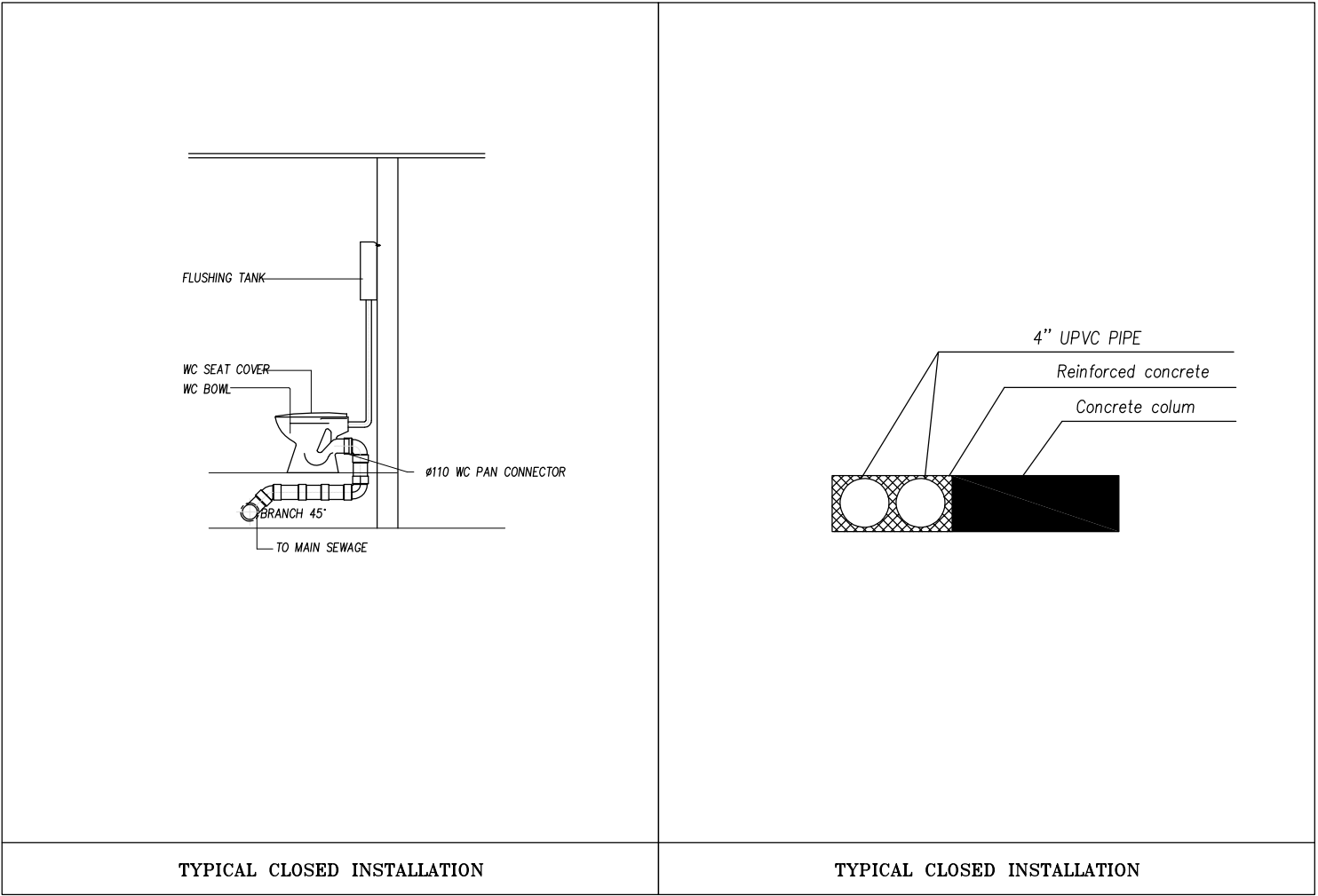
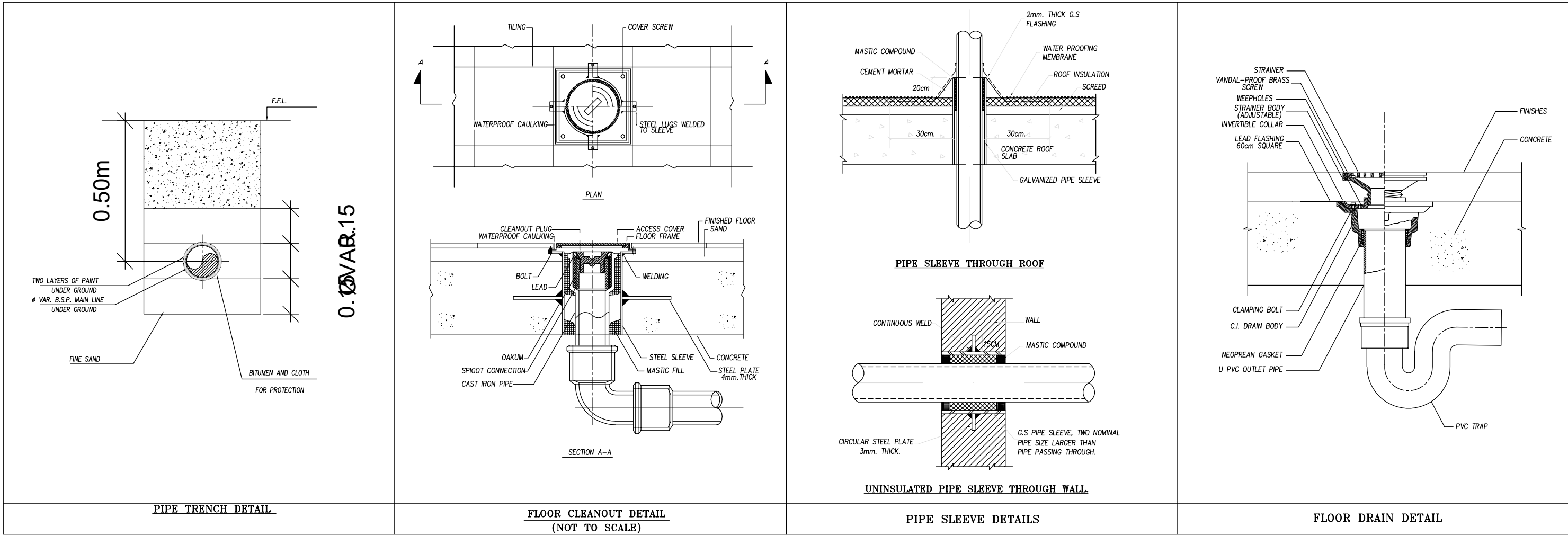
TYPICAL SINK INSTALLATION



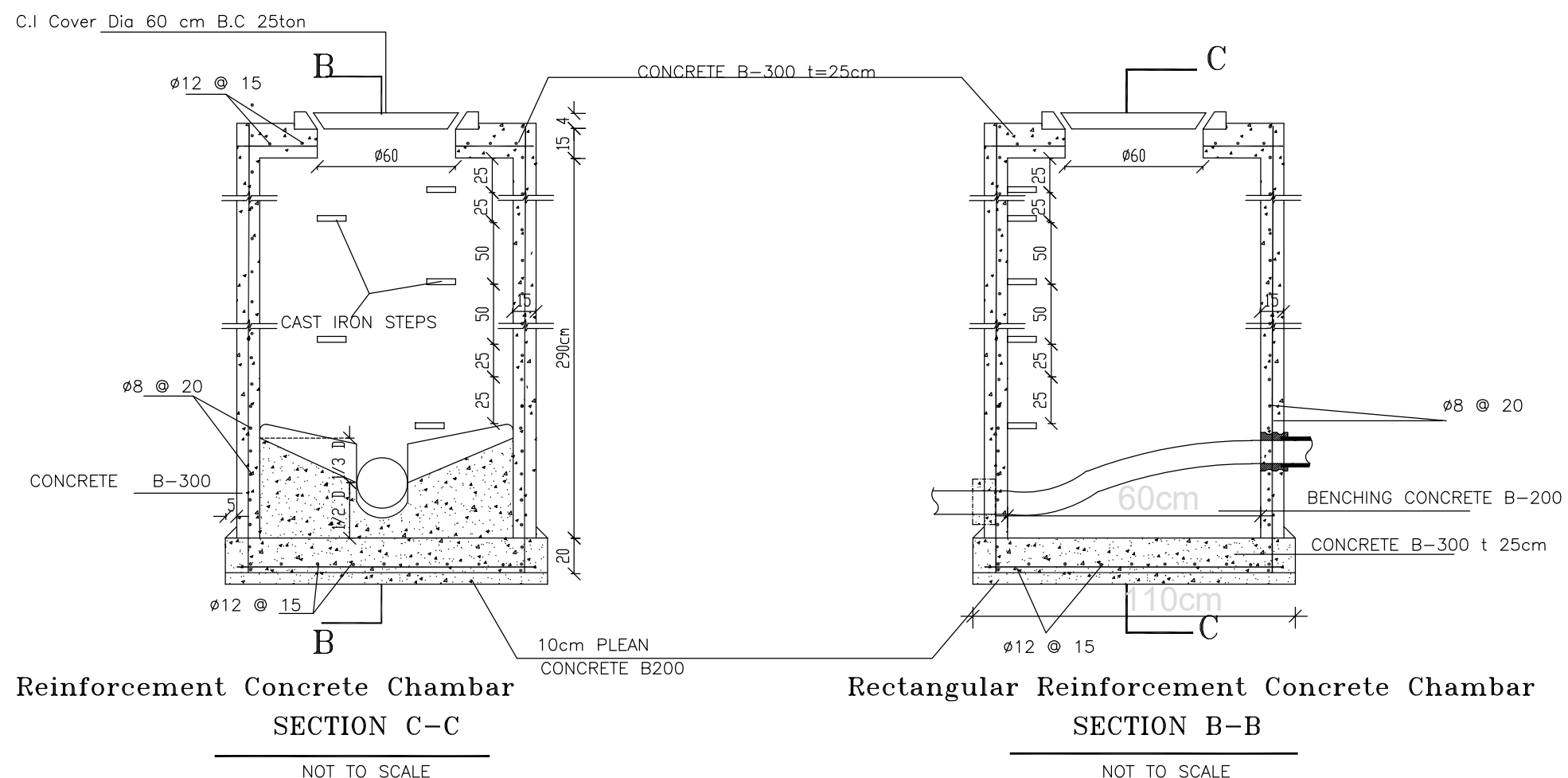
Cast Iron Lockable Cover



FOR TENDER ONLY		
CLIENT: 	CONSULTANT:  مركز الهندسة والتخطيط center for engineering and planning	
PROJECT NAME: Constructing of Medical Waste Treatment Facility in Gaza and North Governorates ITB NO.:		
DRAWING TITLE: General Details	DRAWING NO.: MWTF-TS-ME-003	
DRAWING SN:	SCALE: 1:100	DATE: JULY 2020

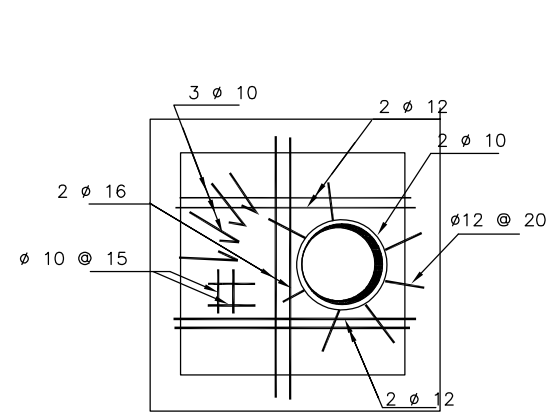


<p>FOR TENDER ONLY</p>			
<p>CLIENT:</p> 	<p>CONSULTANT:</p> <p>مركز الهندسة والتخطيط center for engineering and planning</p>		
<p>PROJECT NAME: Constructing of Medical Waste Treatment Facility in Gaza and North Governorates ITB NO.:</p>			
<p>DRAWING TITLE: General Details</p>	<p>DRAWING NO.: MWTF-TS-ME-004</p>		
<p>DRAWING SN:</p>	<p>SCALE: 1:100</p>	<p>DATE: JULY 2020</p>	

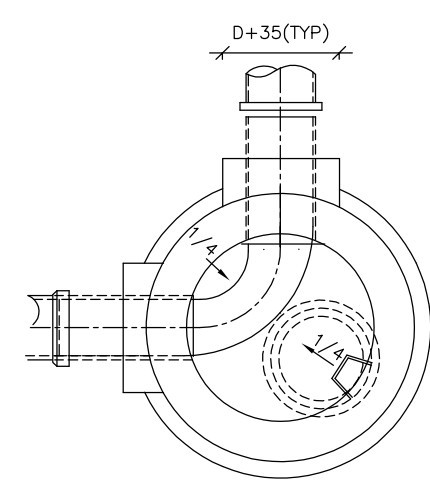


Rectangular Reinforcement Concrete Chambar
SECTION C-C

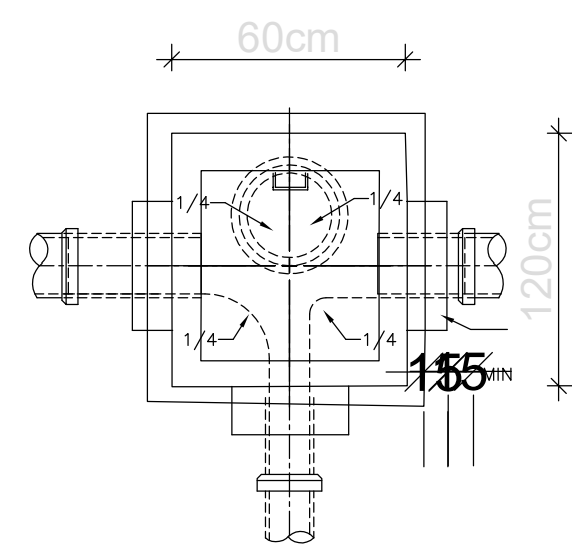
Rectangular Reinforcement Concrete Chambar
SECTION B-B



CEILING REINFORCEMENT DETAIL
NOT TO SCALE




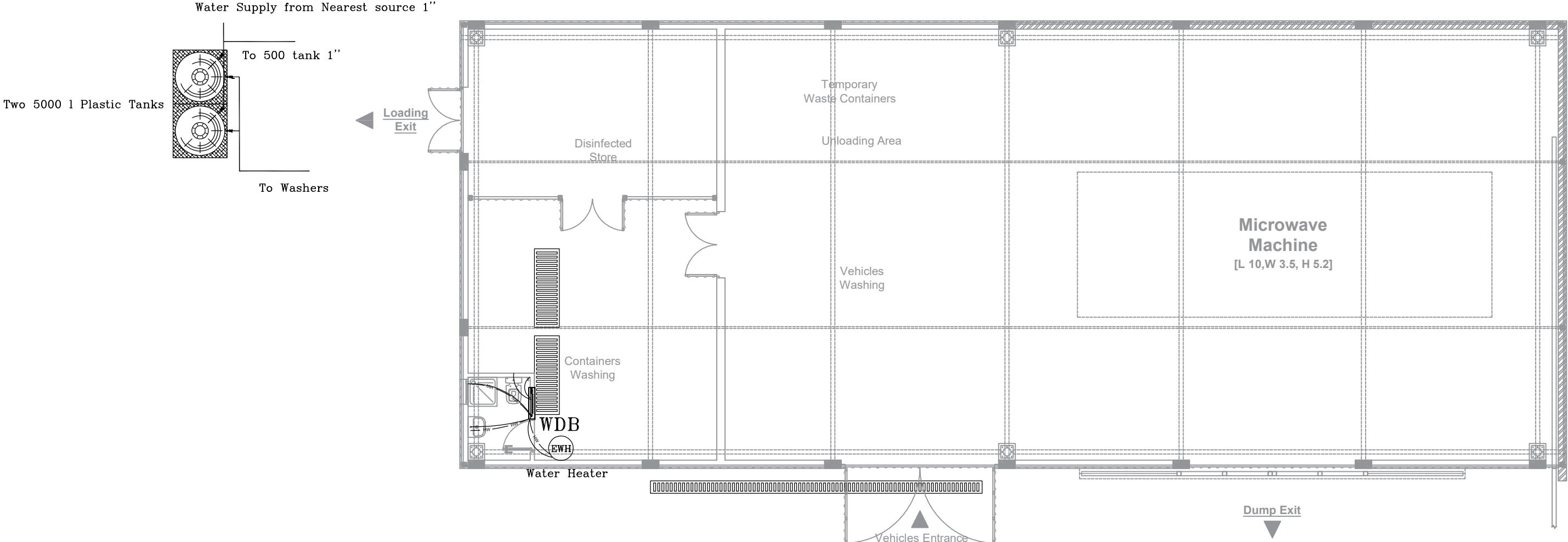
TYPICAL PLANS M.H. BENCHING
NOT TO SCALE



TYPICAL PLANS C.H. BENCHING
NOT TO SCALE

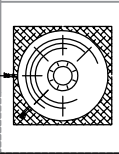
SEWER GENERAL CHAMBER DETAILS

FOR TENDER ONLY		
CLIENT: 	CONSULTANT:  مرکز الهندسة والتخطيط center for engineering and planning	
PROJECT NAME: Constructing of Medical Waste Treatment Facility in Gaza and North Governorates ITB NO.:		
DRAWING TITLE: General Details	DRAWING NO.: MWTF-TS-ME-005	
DRAWING SN:	SCALE: 1:100	DATE: JULY 2020



FOR TENDER ONLY		
CLIENT: 	CONSULTANT:  center for engineering and planning	
PROJECT NAME: Constructing of Medical Waste Treatment Facility in Gaza and North Governorates ITB NO.:		
DRAWING TITLE: Plumbing Plan	DRAWING NO.: MWTF-TS-ME-006	
DRAWING SN:	SCALE: 1:100	DATE: JULY 2020

To WDB 1''



PE White 500L Tank

FOR TENDER
ONLY

CLIENT:



CONSULTANT:



PROJECT NAME:
Constructing of Medical Waste Treatment Facility
in Gaza and North Governorates
ITB NO.:

DRAWING TITLE:
Water Supply Plan

DRAWING NO.:
MWTF-TS-ME-007

DRAWING SN:

SCALE:
1:100

DATE:
JULY 2020



CLIENT:

**CONSULTANT:**

مركز الهندسة والتخطيط
center for engineering and planning

PROJECT NAME:
**Constructing of Medical Waste Treatment Facility
in Gaza and North Governorates**
ITB NO.:

DRAWING TITLE:

General Details

DRAWING NO.:
MWTF-TS-ME-008

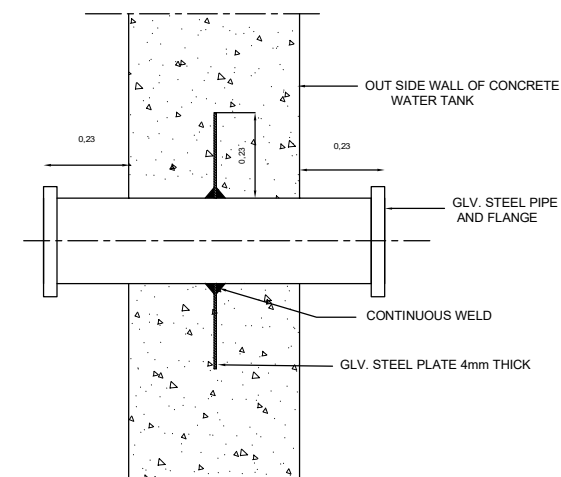
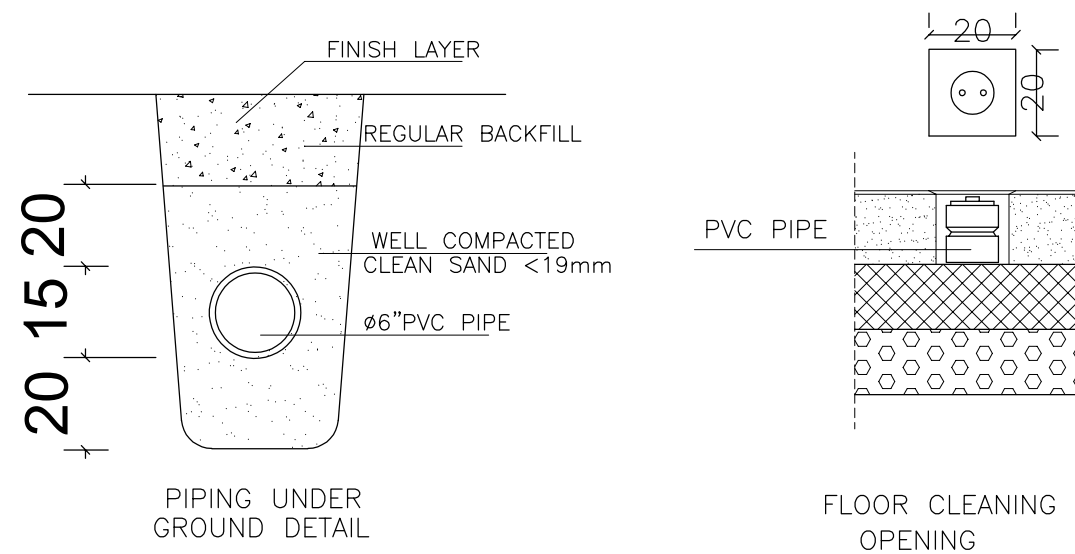
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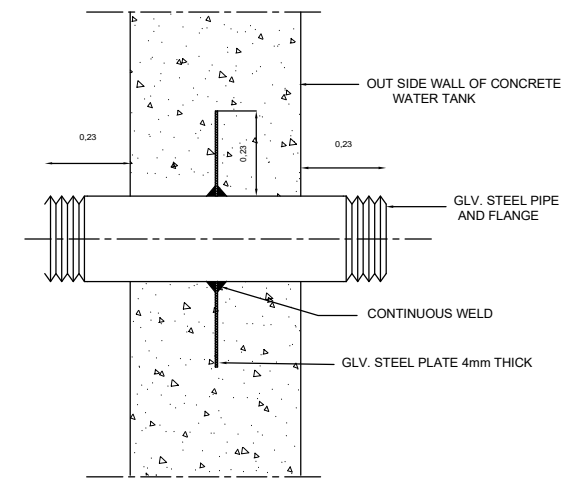
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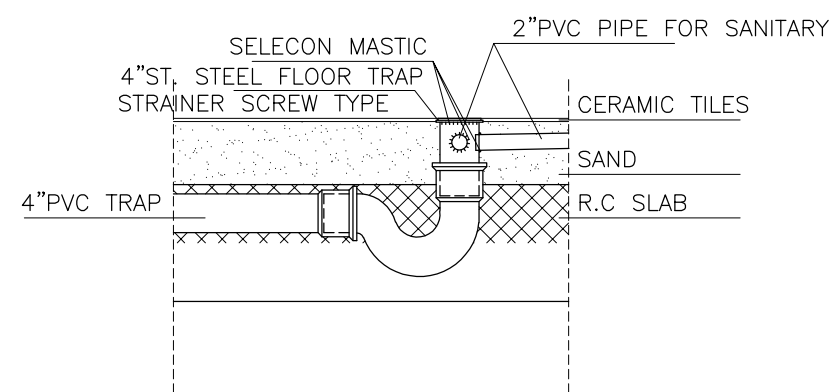
JULY 2020



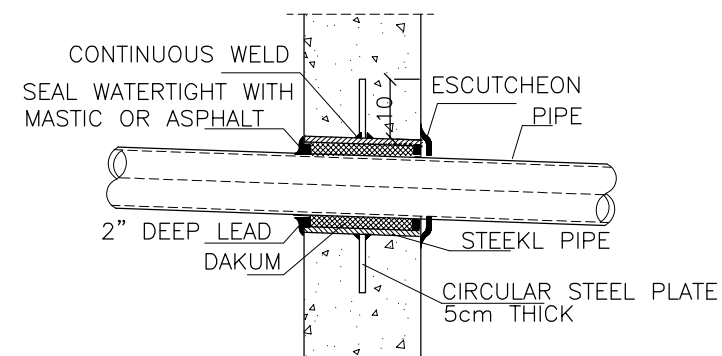
PIPE THROUGH CONCRETE
WATER TANK DETAIL



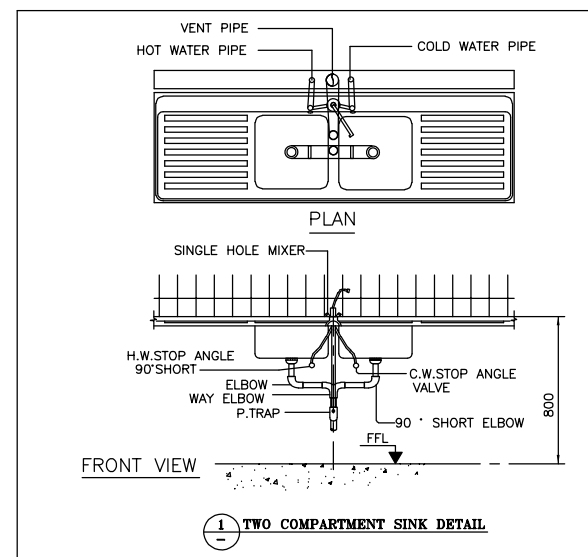
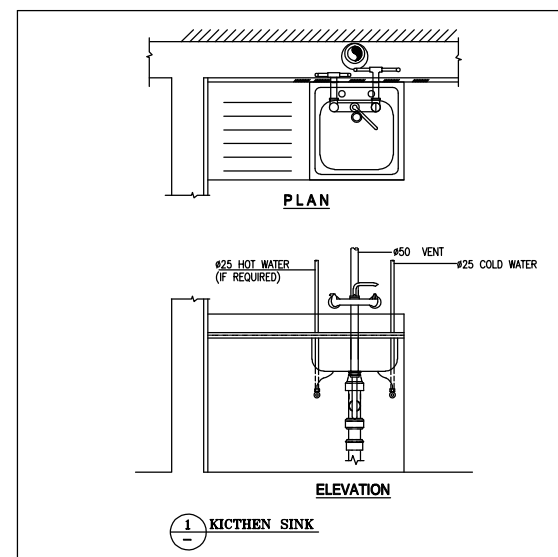
PIPE THROUGH CONCRETE
WATER TANK DETAIL



FLOOR TRAP 4/4" DETAIL



PIPE SLEEVE DETAIL



FOR TENDER
ONLY

CLIENT:



CONSULTANT:

مركز الهندسة والتخطيط
center for engineering and planning

PROJECT NAME:

Constructing of Medical Waste Treatment Facility
in Gaza and North Governorates

ITB NO.:

DRAWING TITLE:

General Details

DRAWING NO.:

MWTF-TS-ME-009

DRAWING SN:

SCALE:

1:100

DATE:

JULY 2020

Constructing of Medical Waste Treatment
Facility in Gaza and North Governorates
(Temporary Site)

ITB:

ELECTRICAL DRAWINGS
MWTF-TS-EL-001 → MWTF-TS-EL-005

Architectural Drawings List

Drawing #	Drawing Title
MWTF-TS-EL-001	Electrical Drawings List
MWTF-TS-EL-002	Shed Lighting & Power Networks Plans
MWTF-TS-EL-003	Main Distribution Board (MDB) 1-2
MWTF-TS-EL-004	Main Distribution Board (MDB) 2-2
MWTF-TS-EL-005	DB-MIC & EARTHING SYSTEM

FOR TENDER
ONLY

CLIENT:



CONSULTANT:

مركز الهندسة والتخطيط
center for engineering and planning



PROJECT NAME:
Constructing of Medical Waste Treatment Facility
in Gaza and North Governorates
(Temporary Site)

DRAWING TITLE:
Electrical Drawings List

DRAWING NO.:
MWTF-TS-EL-001

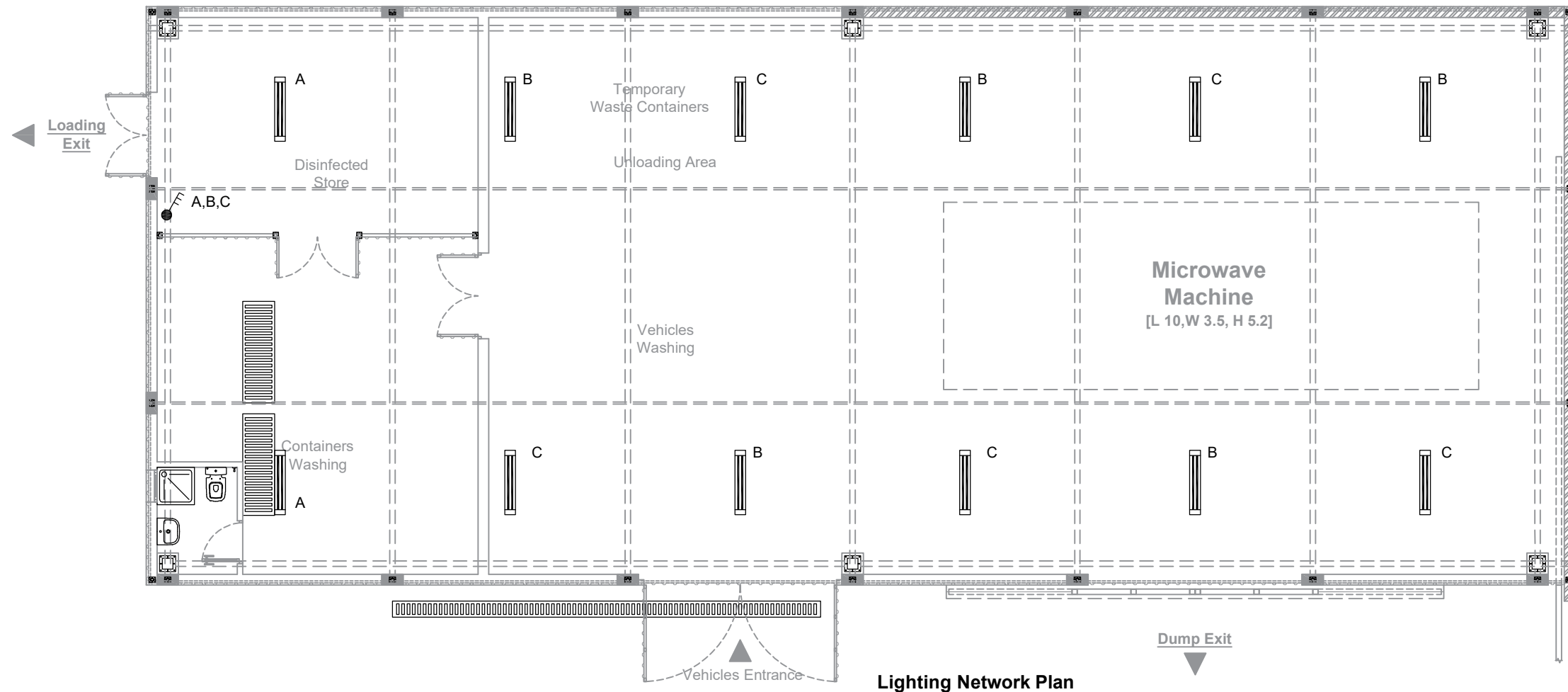
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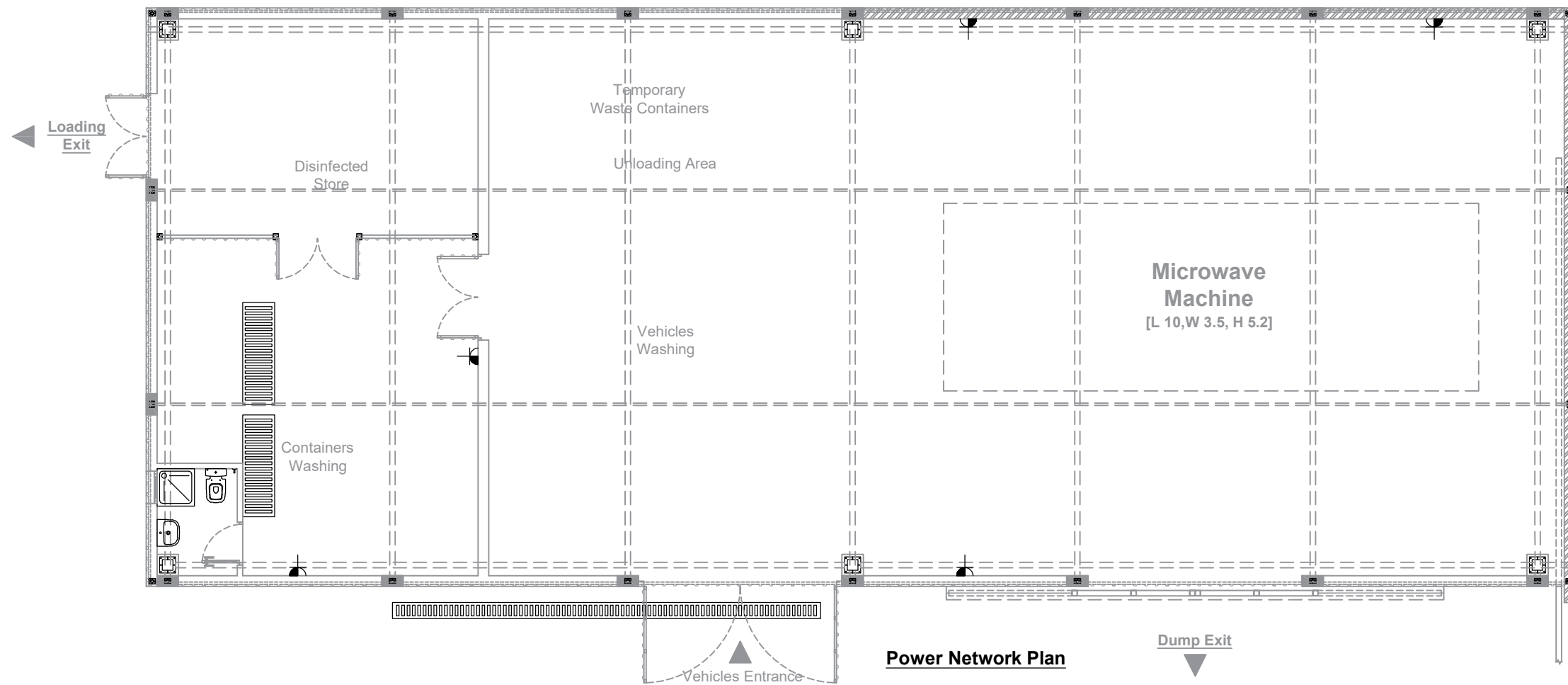
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DATE:

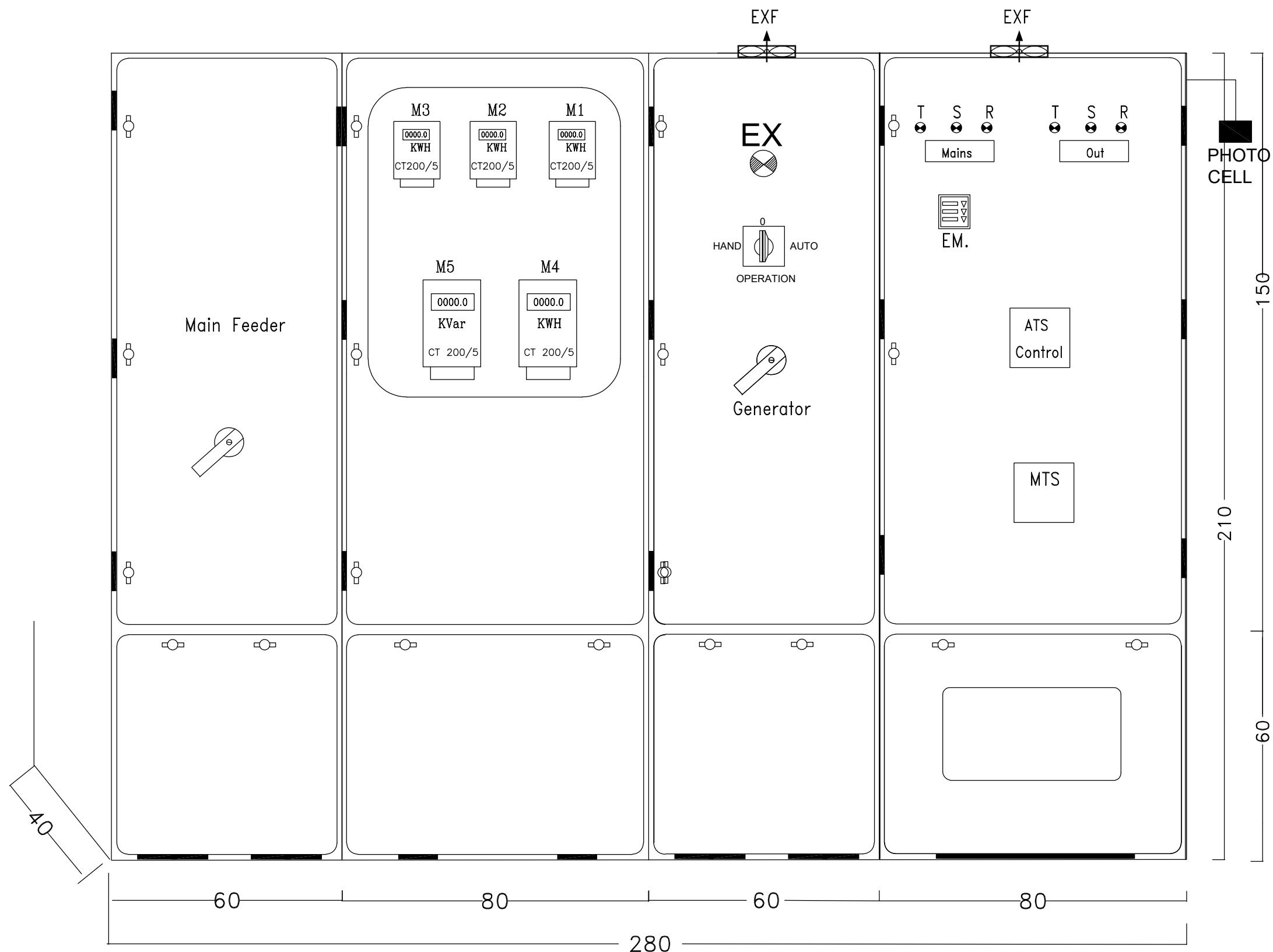
JULY 2020



	Surface LED Light ceiling mounted 120cm ,32W,220V AC ,Weatherproof IP67.
	Three Gang One Way , 220 V Ac , 10 A
	WP. Single Socket , 220 V Ac , 16 A, H=60cm

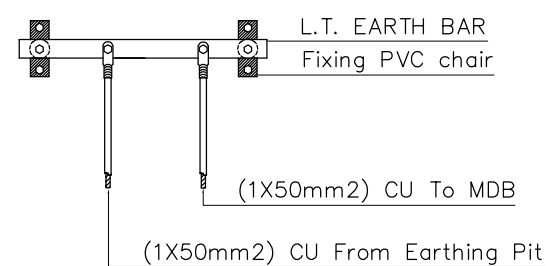
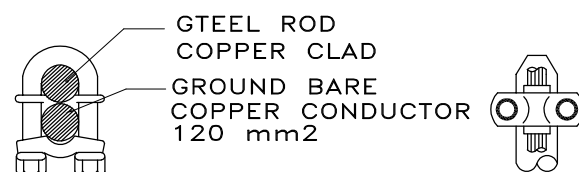
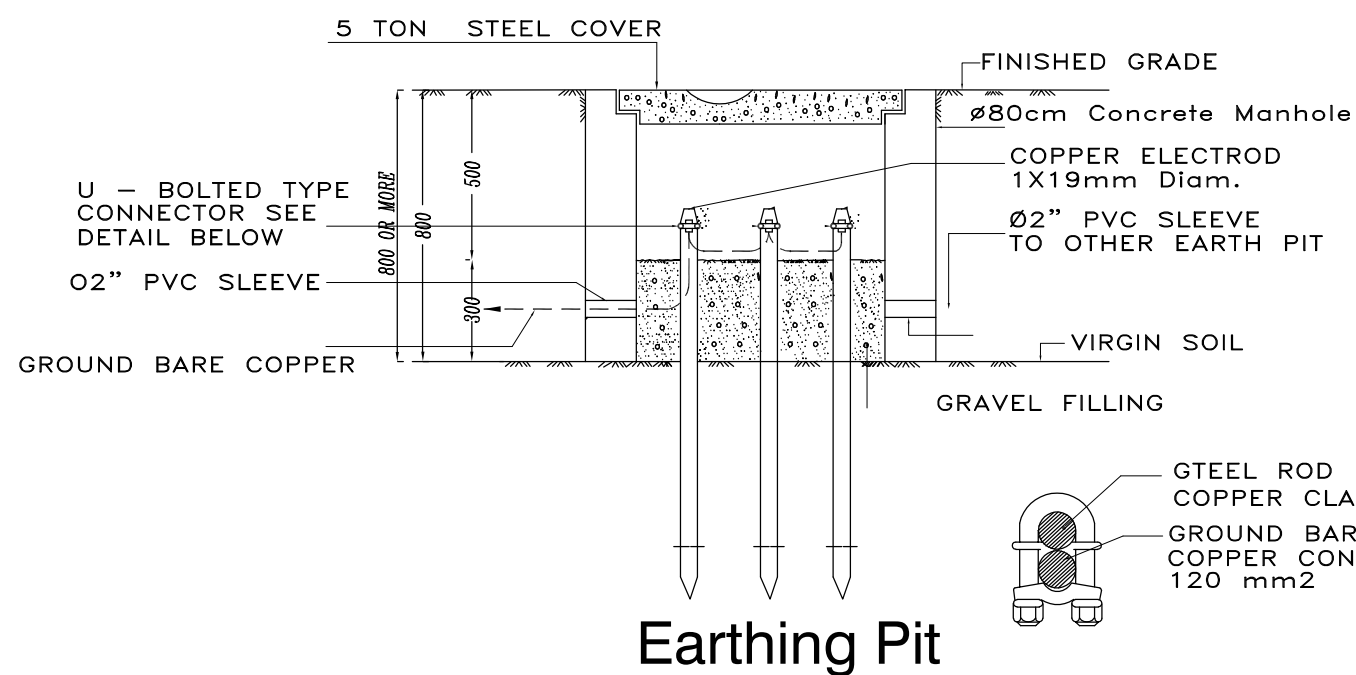
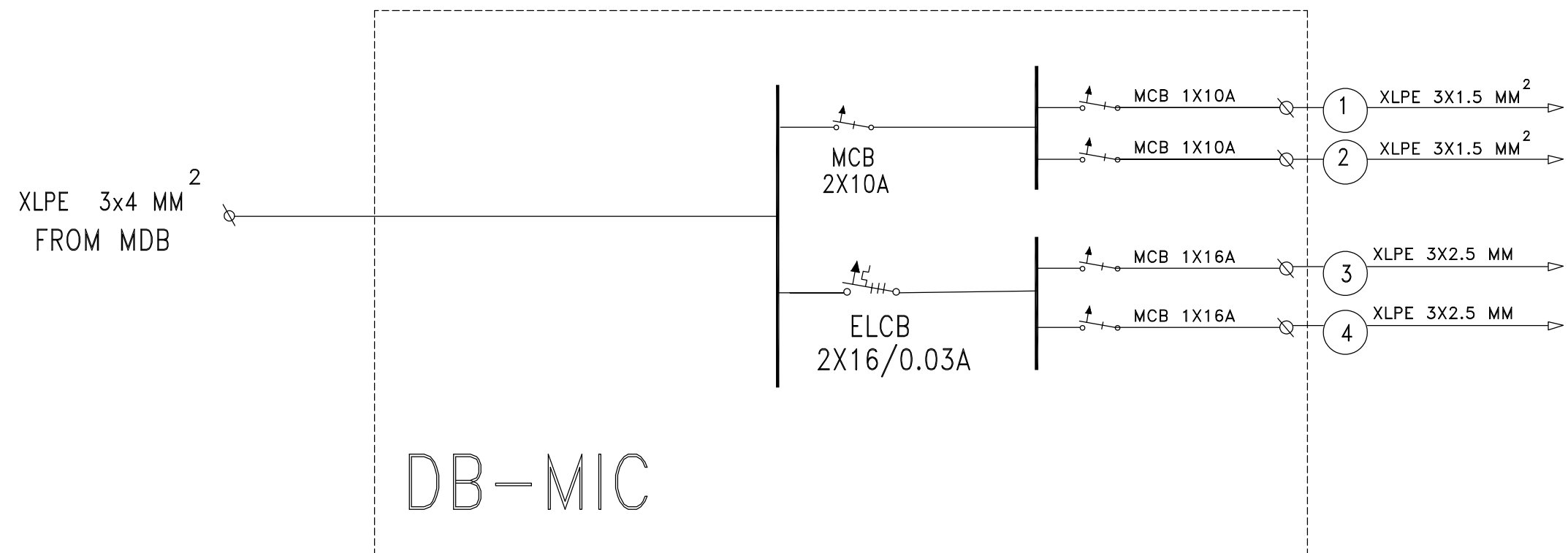


FOR TENDER ONLY		
CLIENT: 	CONSULTANT: 	
PROJECT NAME: Constructing of Medical Waste Treatment Facility in Gaza and North Governorates (Temporary Site)		
DRAWING TITLE: Shed Lighting & Power Networks Plans	DRAWING NO.: MWTF-TS-EL-002	
DRAWING SN: 	SCALE: 1:100	DATE: JULY 2020



MDB LAYOUT

FOR TENDER ONLY		
CLIENT: 	CONSULTANT: 	
PROJECT NAME: Constructing of Medical Waste Treatment Facility in Gaza and North Governorates (Temporary Site)		
DRAWING TITLE: Main Distribution Board (MDB) 2-2		DRAWING NO.: MWTF-TS-EL-004
DRAWING SN:	SCALE: 1:100	DATE: JULY 2020



L.T. Earthing Bar

EARTHING SYSTEM

FOR TENDER ONLY

CLIENT:



CONSULTANT:

مركز الهندسة والتخطيط
center for engineering and planning

PROJECT NAME:
Constructing of Medical Waste Treatment Facility
in Gaza and North Governorates
(Temporary Site)

DRAWING TITLE:
DB-MIC &
EARTHING SYSTEM

DRAWING NO.:
MWTF-TS-EL-005

DRAWING SN:

SCALE:
1:100

DATE:
JULY 2020