

ITB-PAL-0000058252: Construction of Main Influent Pressure Line from Existing GRP Pipe to KY WWTP – Tender Documents



Construction of Main Influent Pressure Line from Existing GRP Pipe to Khan Younis Waste Water Treatment Plant (KY WWTP)

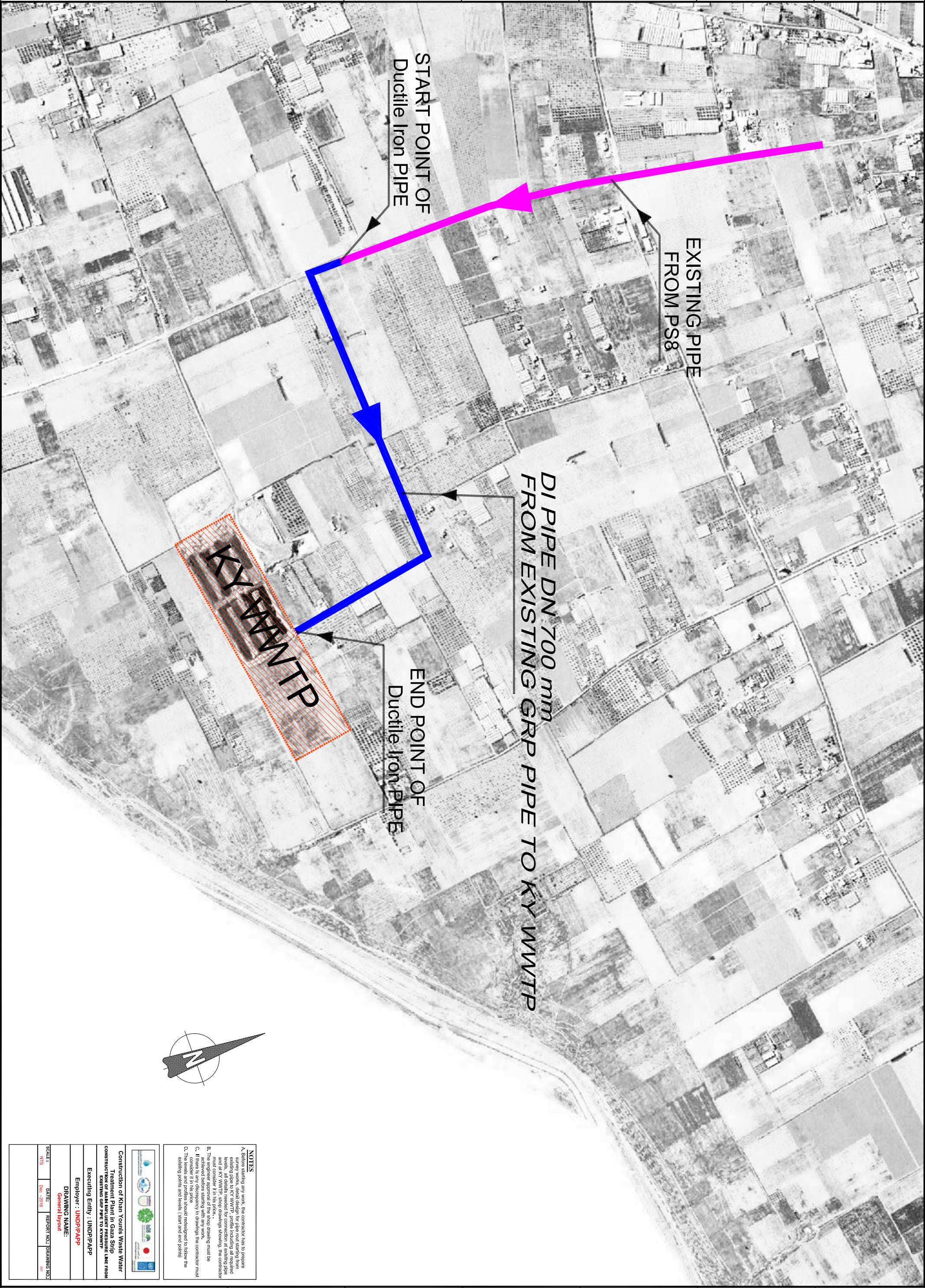
Tender Documents

Drawings

Executing Entity: UNDP/PAPP

Employer: UNDP/PAPP

January 2019



NOTES

- A. Before starting any work, the contractor has to prepare survey works, detail design for pipe route starting from existing pipe to KY WWTP, profile including all required levels, all details needed for connection at existing pipe and KY WWTP. The contractor must consider it in his price.
- B. The engineer approval of the shop drawing must be achieved before starting with any work.
- C. If any change is required in the profile, the contractor must consider it in his price.
- D. The levels and profiles should be redesigned to follow the existing points and levels (start and end points).



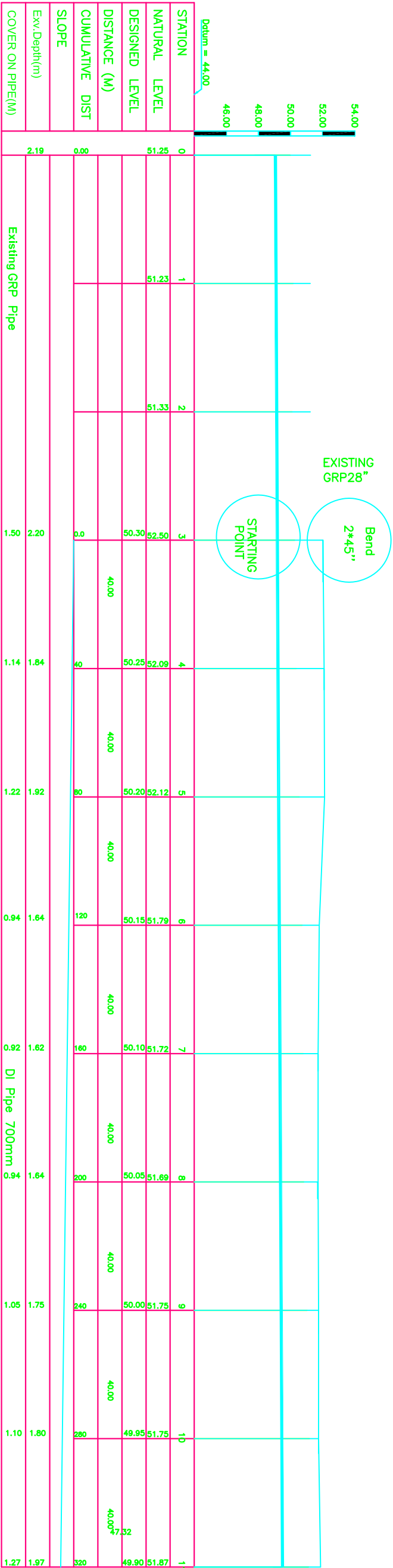
Construction of Khan Younis Waste Water Treatment Plant in Gaza Strip
CONSTRUCTION OF MAIN INFLUENT PRESSURE LINE FROM EXISTING ONE PIPE TO KYWWTP

Executing Entity : UNDP/PAP

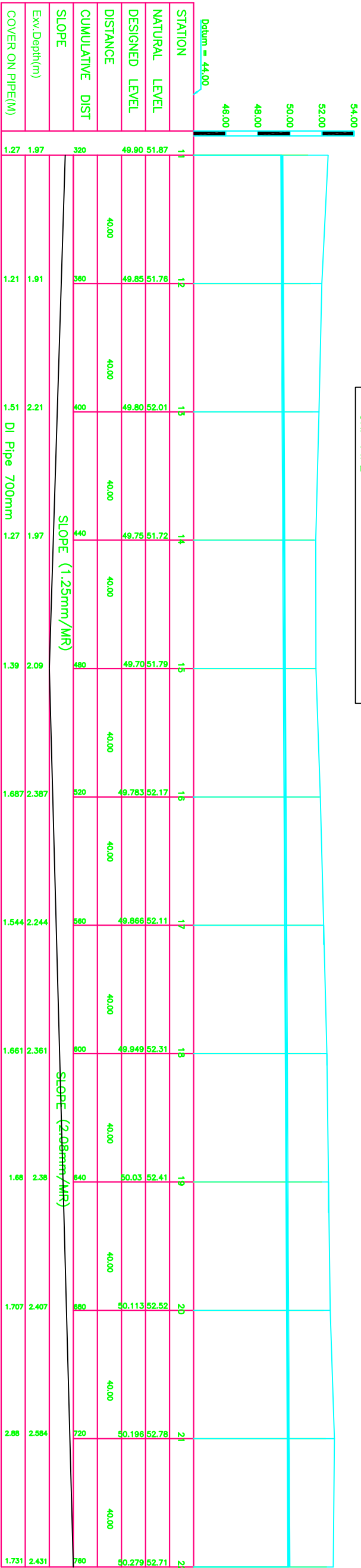
Employer : UNDP/PAP

DRAWING NAME:
General layout

SCALE: 1:1000 DATE: 06-2018 REPORT NO.: DRAWING NO.: 981

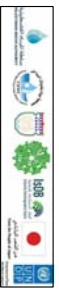


THE INVERT LEVEL OF START POINT OF DI PIPE SHOULD MATCH THE LEVEL OF EXISTING GRP PIPE



NOTES

- A. Before starting any work, the contractor has to prepare survey works, detail design for pipe route starting from existing pipe to KV WWTP, profile including all required levels, all details needed for connection at existing pipe and at KVWWTP. The contractor must consider it in his price. .
- B. The engineer approval of the shop drawing must be attached before starting with any work.
- C. If the contractor is redesigning the contractor must consider it in his price
- D. The levels and profiles should redesigned to follow the existing points and levels (start and end points)



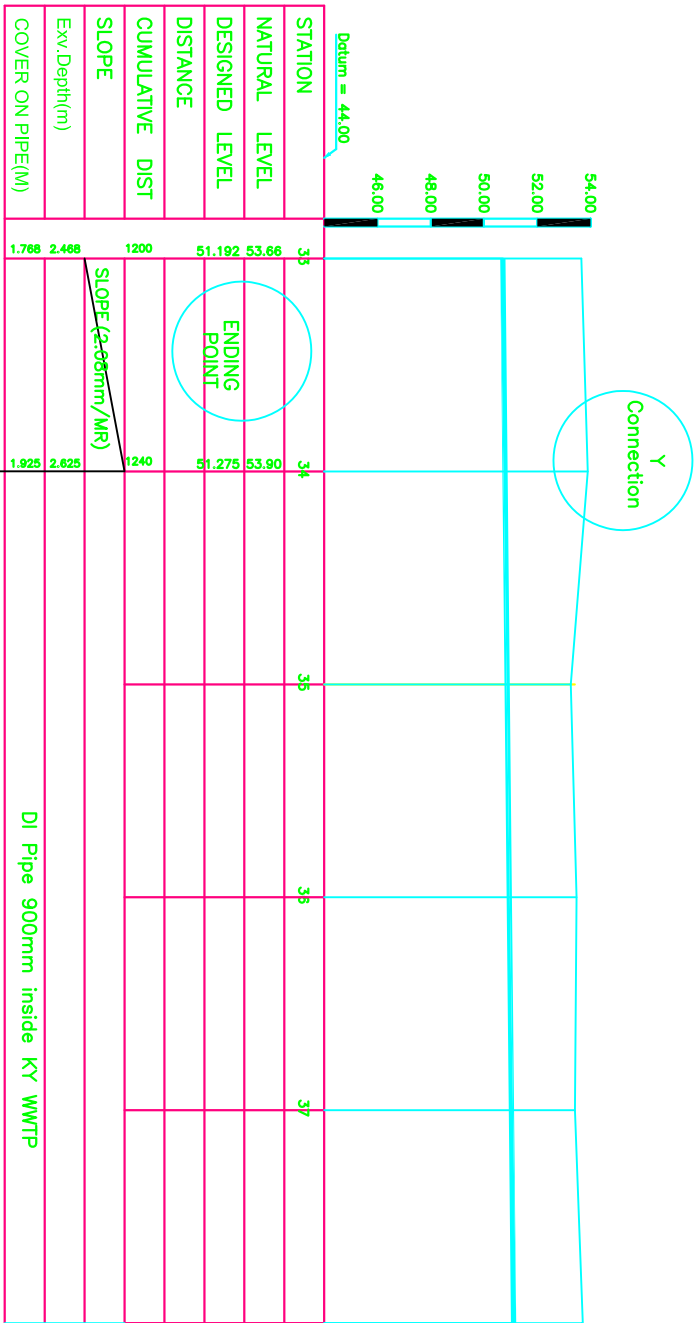
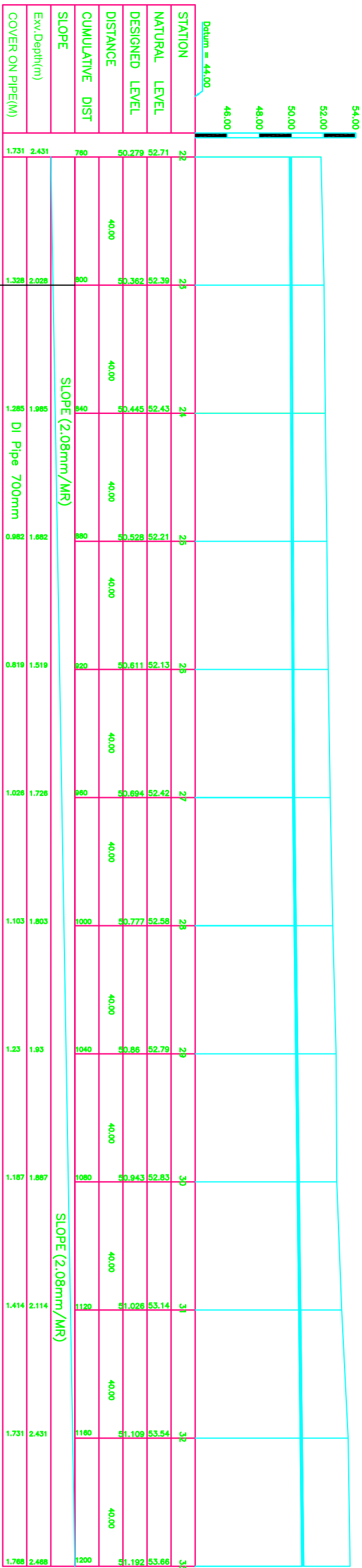
Construction of Khan Younis Waste Water Treatment Plant in Gaza Strip
CONSTRUCTION OF MAIN INFLUENT PRESSURE LINE FROM EXISTING ON PIPE TO KVWWTP

Executing Entity : UNDP/PAEP

Employer : UNDP/PAEP

DRAWING NAME:
DUCTILE IRON PIPE

SCALE: 1:100
DATE: Dec-2018
REPORT NO.:
DRAWING NO.: 02



THE INVERT LEVEL OF END POINT OF DI PIPE
SHOULD MATCH THE LEVEL OF EXISTING DI
PIPE

DI Pipe 900mm inside KY WWTP

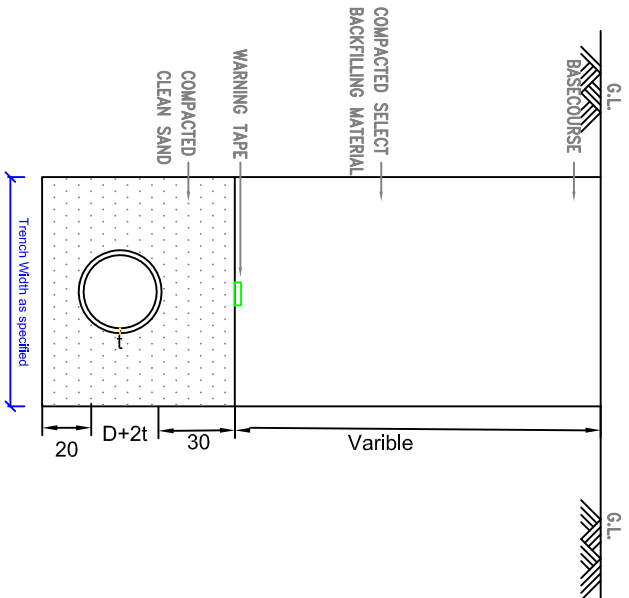
- A. Before starting any work, the contractor has to prepare surveying works, detail design for pipe and starting from existing pipe to KY WWTP, provide indication at required levels, all details needed for construction at existing pipe and at KY WWTP, shop drawings showing the contractor must consider it in this pipe.
- B. The engineer approval of the shop drawing must be achieved before starting with any work.
- C. If there is any discrepancy in drawings the contractor must consider it in this pipe
- D. The levels and profiles should be redesigned to follow the existing pipes and levels (start and end points)

Construction of Khan Younīs Waste Water Treatment Plant in Gaza Strip
CONSTRUCTION OF MAIN INFLUENT PRESSURE LINE FROM EXISTING GRP PIPE TO KYWWT

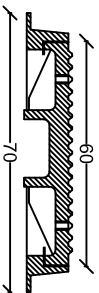
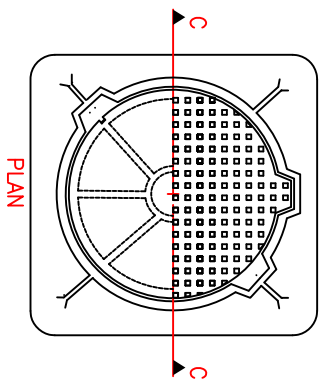
Executing Entity : UNDP/FAO

DRAWING NAME:
DUCTILE IRON PIPE

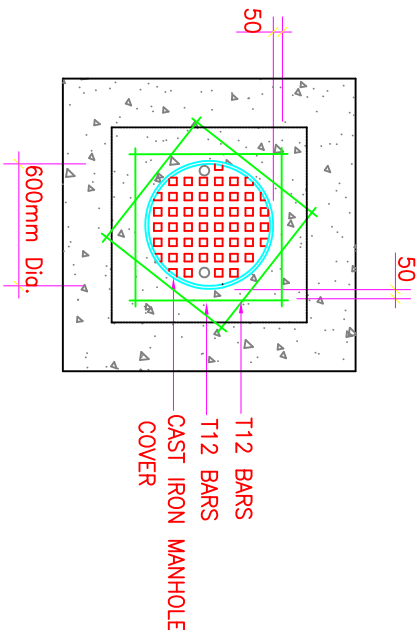
SCALE :	DATE:	REPORT NO.:	DRAWING NO.
NTS	Dec - 2018		001-C



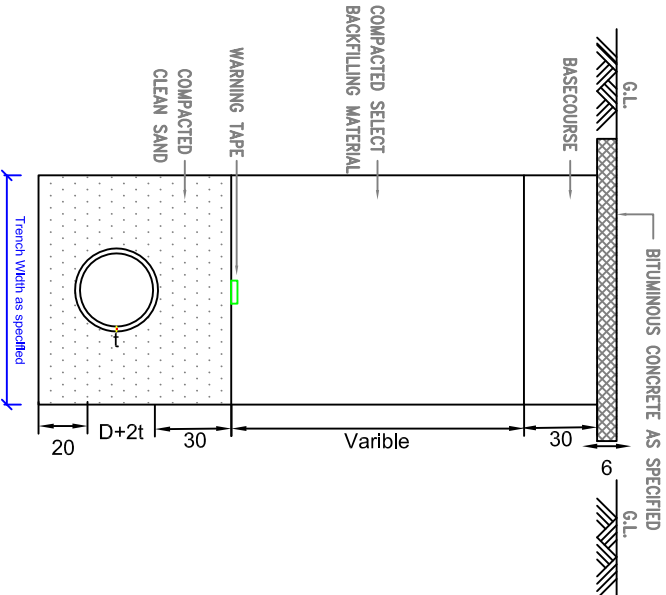
TYPICAL TRENCH CROSS SECTION
(GRAVITY PIPE ALONG A DIRT ROAD)



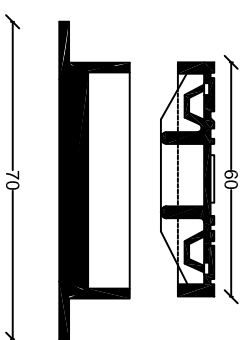
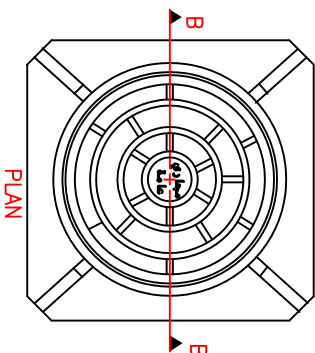
SECTION C-C
TYPICAL HEAVY DUTY CAST IRON
MANHOLE COVER AND FRAME



MANHOLE COVER REINFORCEMENT



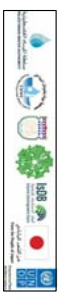
TYPICAL TRENCH CROSS SECTION
(GRAVITY PIPE CROSSING A PAVED ROAD)



SECTION B-B
TYPICAL MEDIUM DUTY CAST IRON
MANHOLE COVER AND FRAME

NOTES

- A. Before starting any work, the contractor has to prepare survey works, detail design for pipe rout starting from existing pipe to KV WWTP, profile including all required levels, all details needed for connection at existing pipe and at KVWWTP. All the details should be shown in the profile. The contractor must consider it in his price. .
- B. The engineer approval of the shop drawing must be achieved before starting with any work.
- C. If the contractor in drawing the contractor must consider it in his price.
- D. The levels and profiles should be redesigned to follow the existing points and levels (start and end points)



Construction of Khan Younis Waste Water
Treatment Plant in Gaza Strip
CONSTRUCTION OF MAIN INFLUENT PRESSURE LINE FROM
EXISTING ONE PIPE TO KVWWTP

Executing Entity : UNDP/PAP

Employer : UNDP/PAP

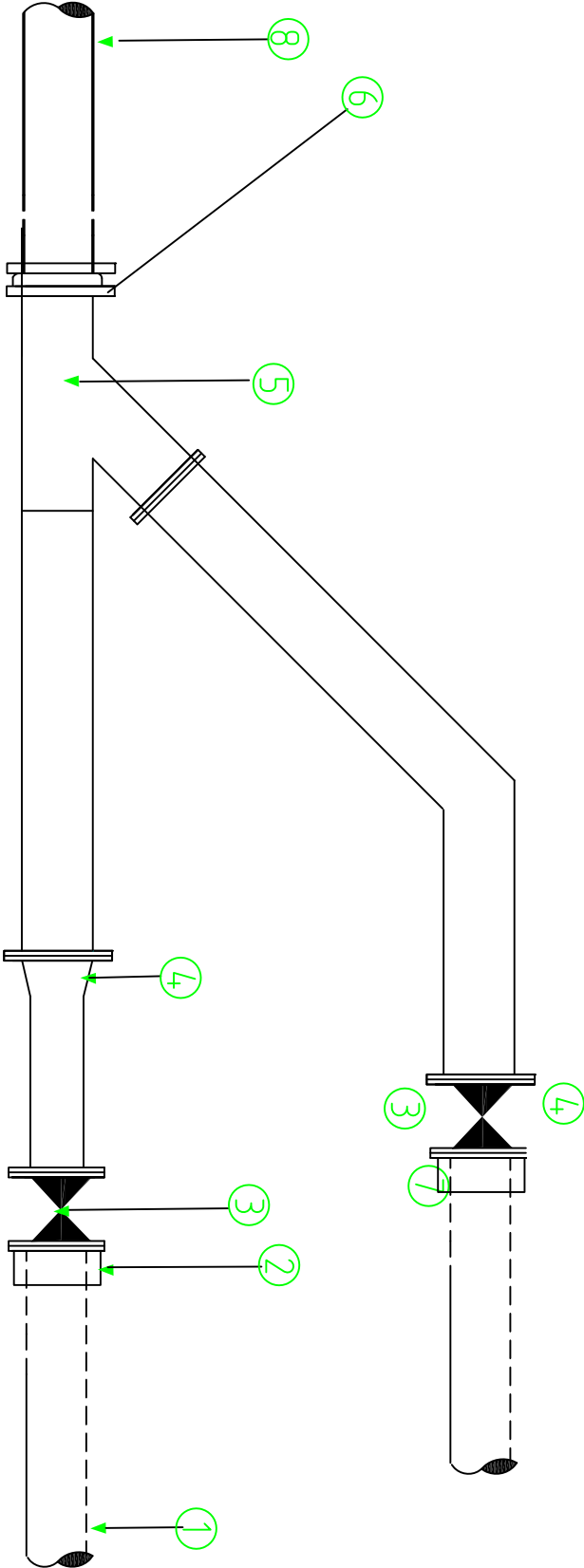
DRAWING NAME:

DETAILS

SCALE : DATE: REPORT NO.: DRAWING NO.:
N/S Dec-2018 84

1	DI pipeline 700mm
2	Flange Coupling 700mm
3	Gate Valve 28”
4	Flange reducer 900/700mm
5	Y 900/900mm
6	Flange Spigot 900mm
7	Blind flange 700mm
8	Ductile pipe 900mm

Detail (01)



Detail (01)

Proposed Ductile Iron/ Existing 900mm DI

Flange Spigot

Flange Coupling 700mm

EXISTING GRP 710mm

Ductile iron 700mm

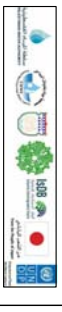


Detail (02)

Ductile iron 700mm with Existing GRP 710mm

NOTES

- A. Before starting any work, the contractor has to prepare survey works, detail design for pipe rout starting from existing pipe to KV WWTP, profiles including all required levels, all details needed for connection at existing pipe and at KV WWTP. All the details should be approved by the engineer in charge. The contractor must consider it in his price. .
- B. The engineer approval of the shop drawing must be achieved before starting with any work.
- C. If the contractor is not approved by the engineer, the contractor must consider it in his price.
- D. The levels and profiles should be redesigned to follow the existing points and levels (start and end points)



Construction of Khan Younis Waste Water Treatment Plant in Gaza Strip
CONSTRUCTION OF MAIN INFLUENT PRESSURE LINE FROM EXISTING ONE PIPE TO KVVWTP

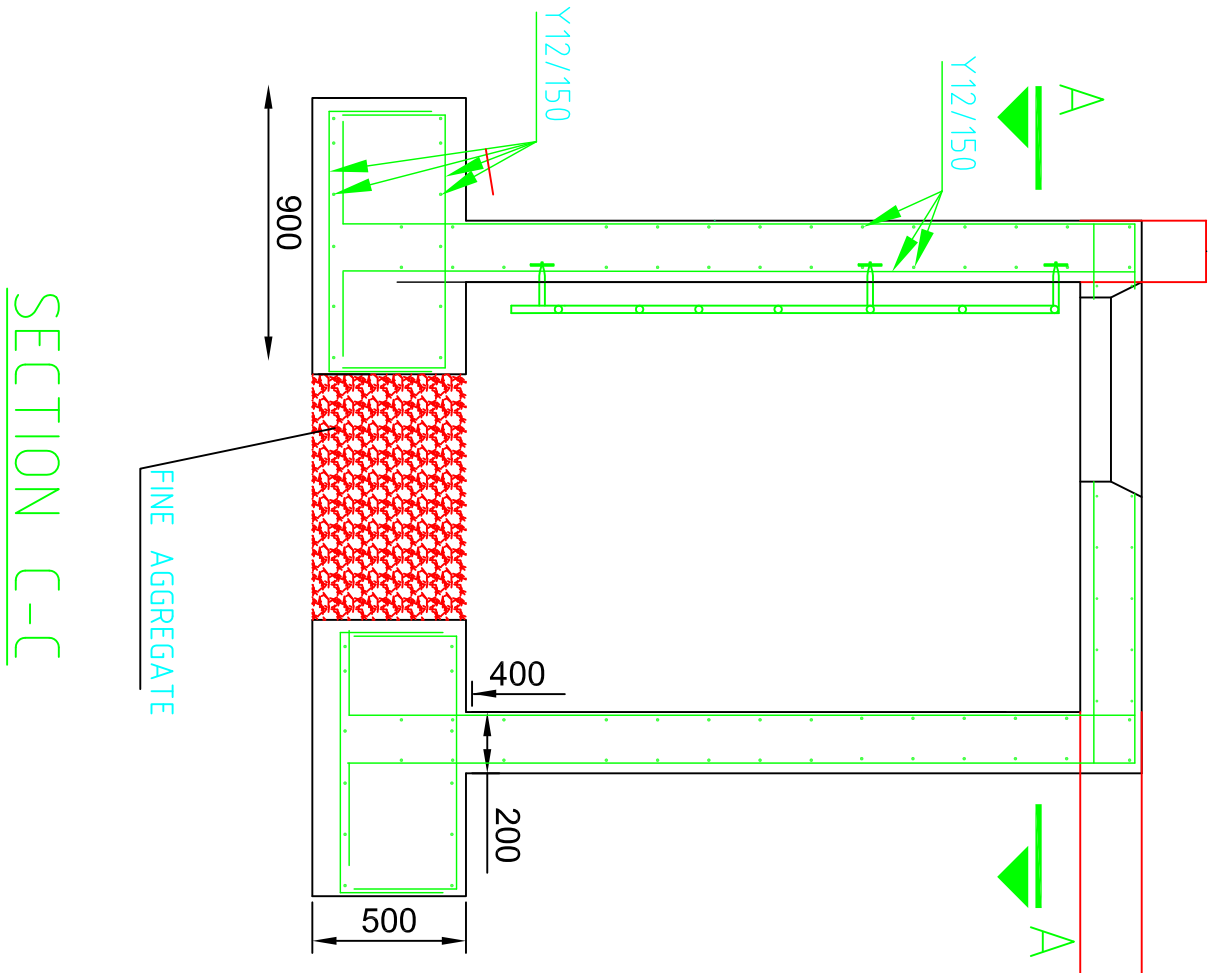
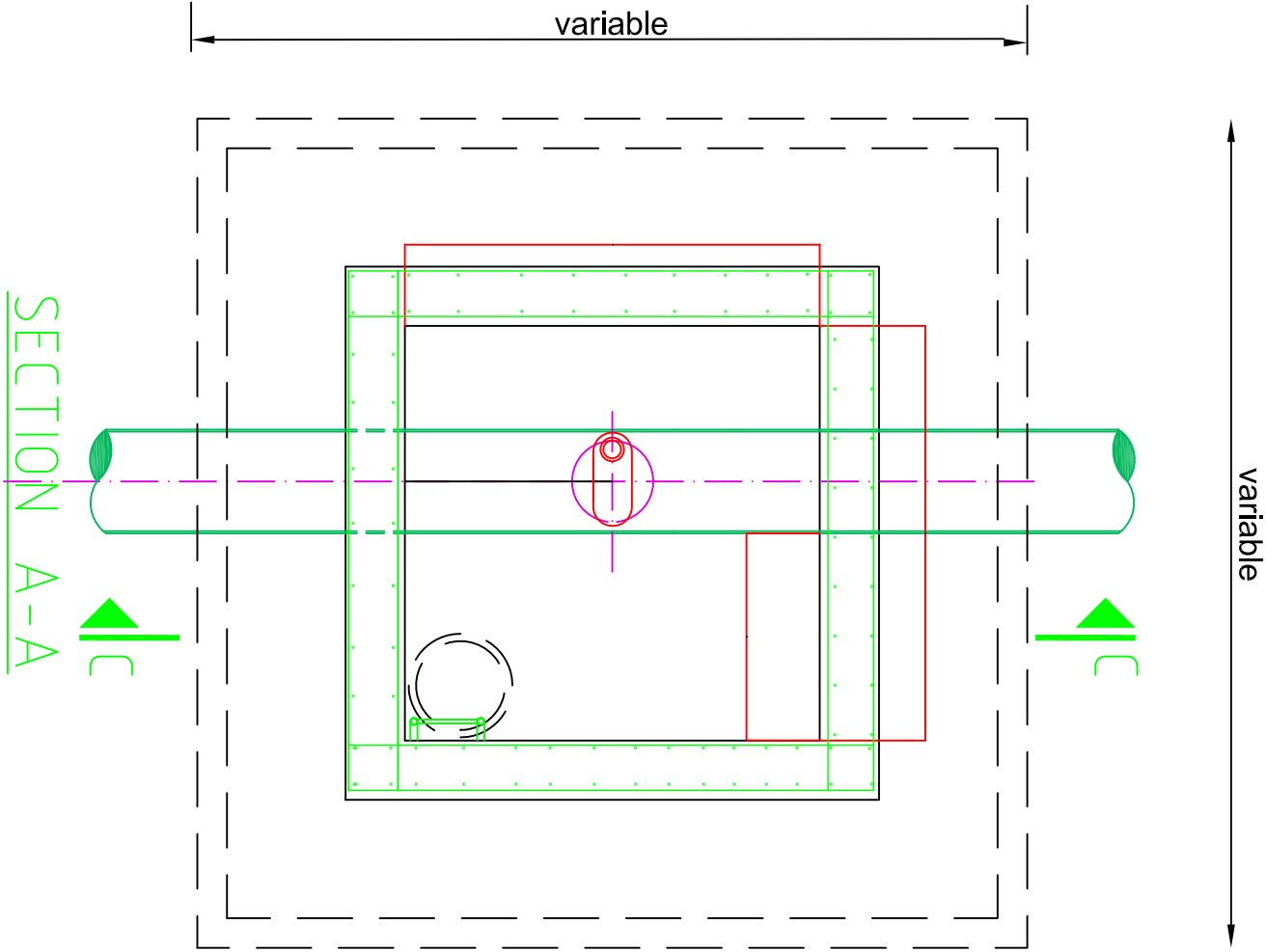
Executing Entity : UNDP/PAAP

Employer : UNDP/PAAP

DRAWING NAME:
CONNECTION DETAILS

SCALE : DATE : REPORT NO.: DRAWING NO.:
N/S Dec-2018 88

Typical Details for chambers



variable

NOTES

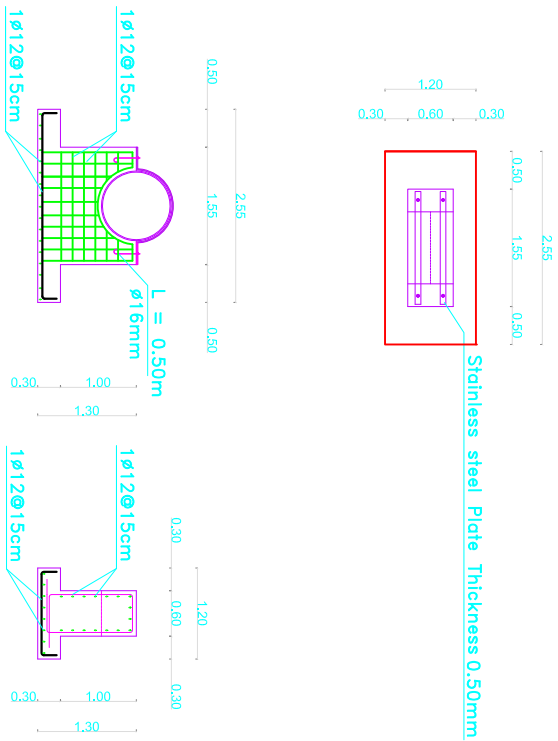
A. Before starting any work, the contractor has to prepare survey works, detail design for pipe rout starting from existing pipe to KV WWTP, profile including all required levels, all details needed for connection at existing pipe and at KVWWTP. The contractor has to show the contractor must consider it in his price. .

B. The engineer approval of the shop drawing must be achieved before starting with any work.

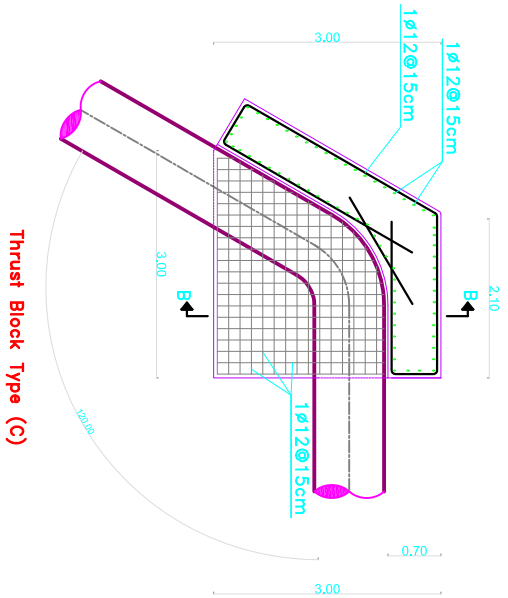
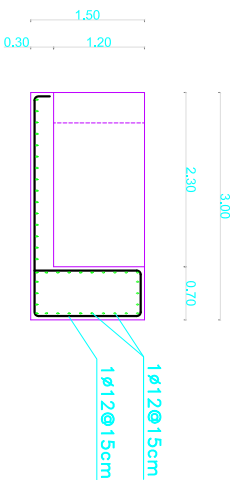
C. If necessary in drawings the contractor must consider it in his price.

D. The levels and profiles should redesigned to follow the existing points and levels (start and end points)

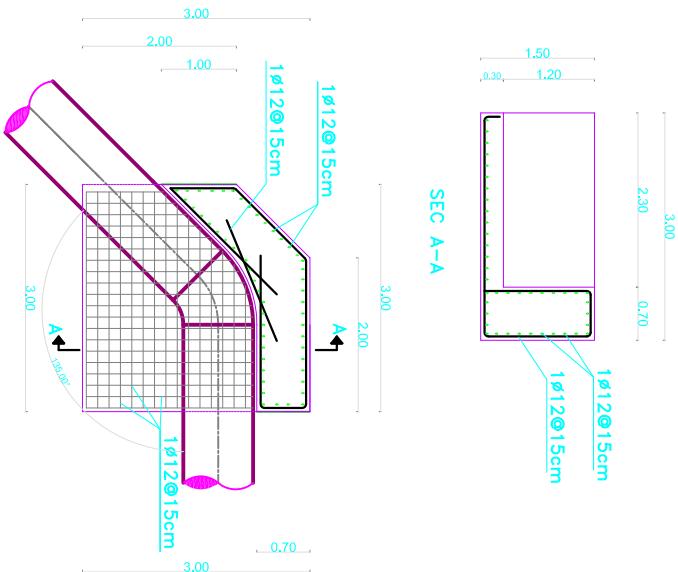
Construction of Khan Younis Waste Water Treatment Plant in Gaza Strip			
CONSTRUCTION OF MAIN INFLUENT PRESSURE LINE FROM EXISTING ONE PIPE TO KVVWTP			
Executing Entity : UNDP/PAPP			
Employer : UNDP/PAPP			
DRAWING NAME:			
TYPICAL DETAILS FOR CHAMBERS			
SCALE:	DATE:	REPORT NO.:	DRAWING NO.:
N/A	Dec-2018		98



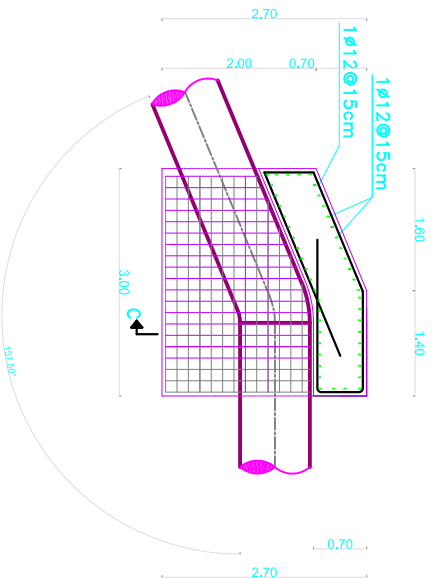
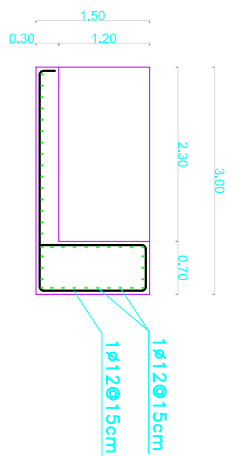
Thrust Block Type (A)



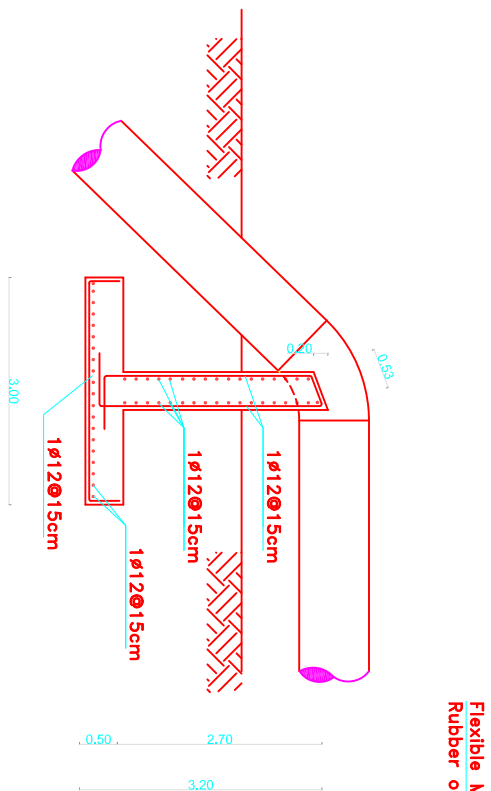
Thrust Block Type (C)



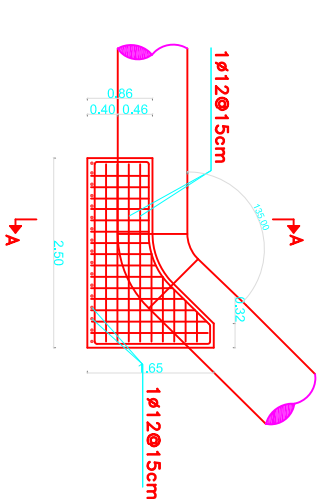
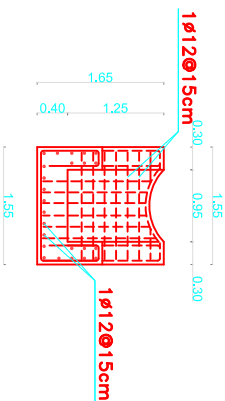
Thrust Block Type (B)



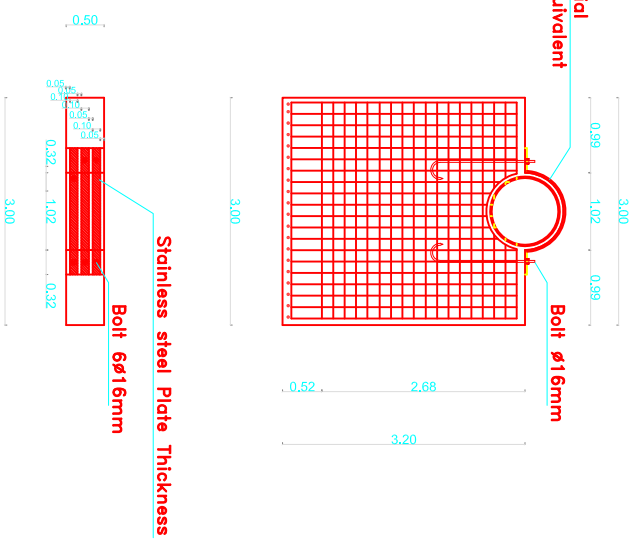
Thrust Block Type (D)



Thrust Block Type (F)



Thrust Block Type (E)



NOTES

A. Before starting any work, the contractor has to prepare survey works, detail design for pipe rout starting from existing pipe to KV WWTP, profile including all required levels, all details needed for connection at existing pipe and at KVWWTP. The contractor must consider it in his price.

B. The engineer approval of the shop drawing must be attached before starting with any work.

C. If the contractor in drawings the contractor must consider it in his price.

D. The levels and profiles should redesigned to follow the existing points and levels (start and end points)

Construction of Khan Younis Waste Water Treatment Plant in Gaza Strip			
CONSTRUCTION OF MAIN INFLUENT PRESSURE LINE FROM EXISTING ONE PIPE TO KVWWTP			
Executing Entity : UNDP/PAP			
Employer : UNDP/PAP			
DRAWING NAME:			
TRUST BLOCK DETAILS			
SCALE:	DATE:	REPORT NO.:	DRAWING NO.:
NIS	Dec-2018		87