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

EXISTING PIPE
FROM PS8

DI PIPE DN 700 mm
FROM EXISTING GRP PIPE TO KY WWTP

START POINT OF
Ductile Iron PIPE

END POINT OF
Ductile Iron PIPE

KY-WWTP

FOR TENDER ONLY

NOTES

A. Before starting any work, the contractor has to prepare survey works, detail design for pipe rout starting from existing pipe to KY WWTP, profile including all required levels, all details needed for connection at existing pipe and at KY WWTP, shop drawings showing, 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 there is any discrepancy 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

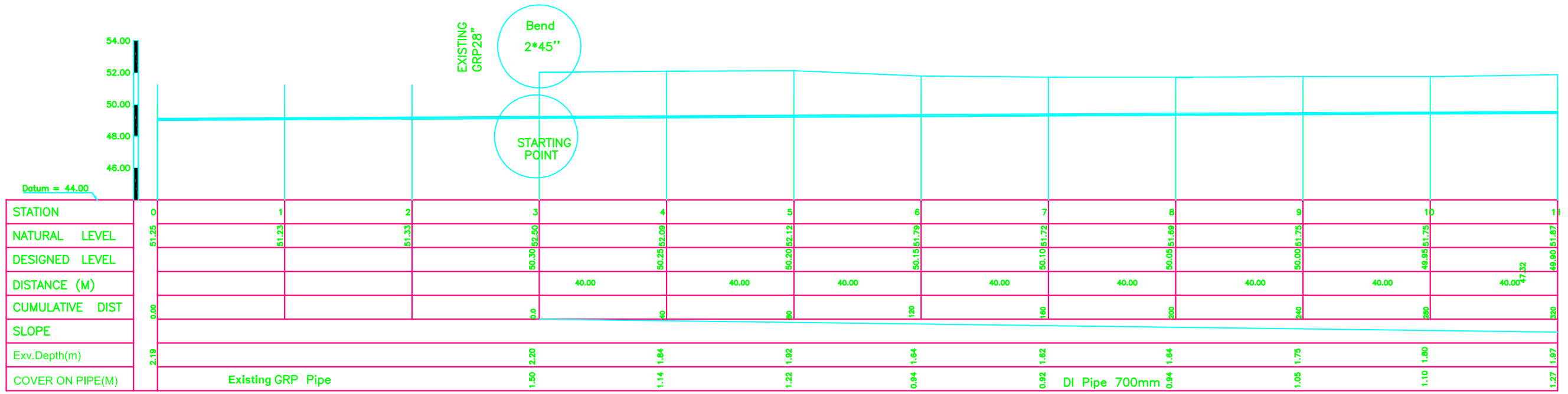
CONSTRUCTION OF MAIN INFLUENT PRESSURE LINE FROM EXISTING GRP PIPE TO KYWWTP

Executing Entity : UNDP/PAPP

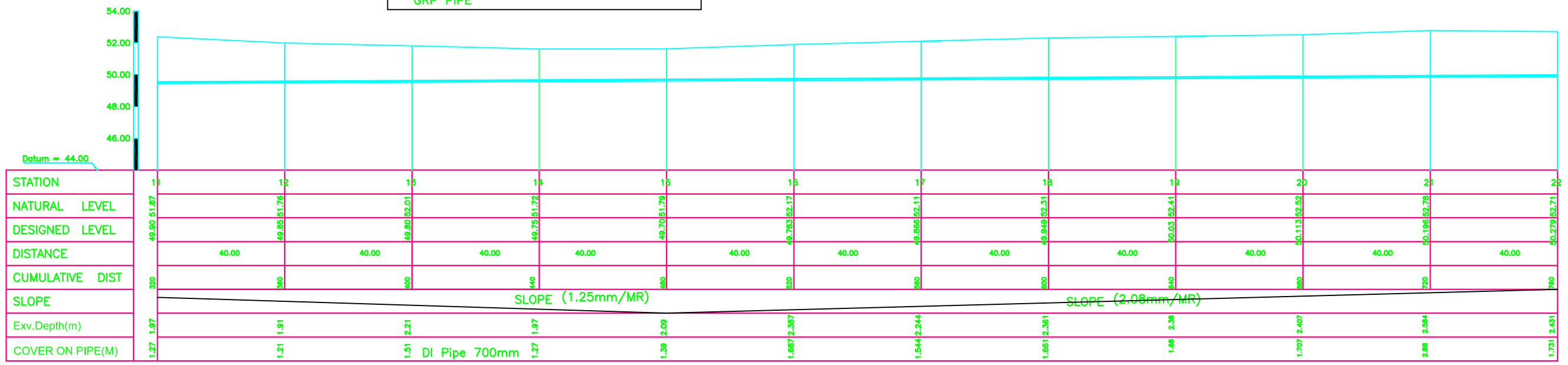
Employer : UNDP/PAPP

DRAWING NAME:
General layout

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



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



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Construction of Khan Younis Waste Water Treatment Plant in Gaza Strip

CONSTRUCTION OF MAIN INFLUENT PRESSURE LINE FROM EXISTING GRP PIPE TO KYWWTP

Executing Entity : UNDP/PAPP

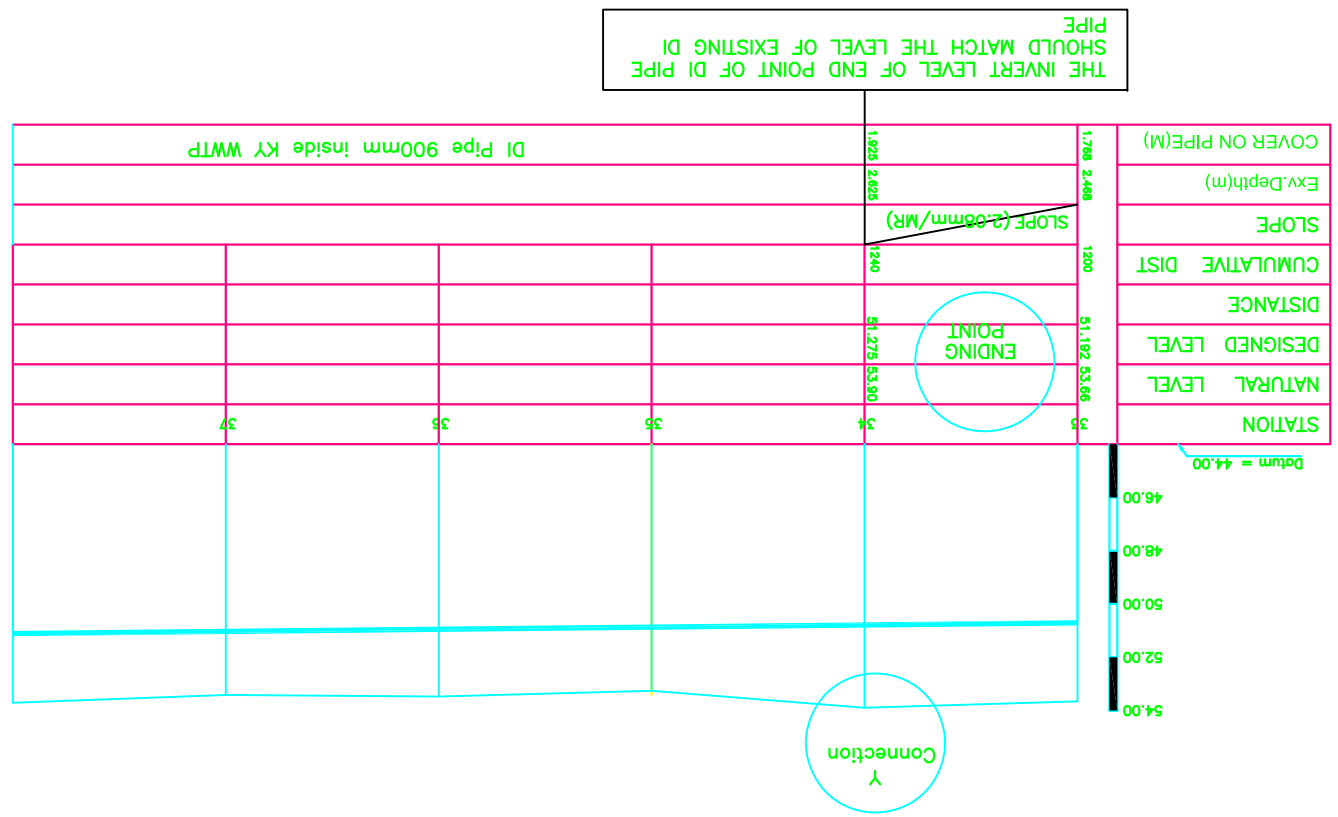
Employer : UNDP/PAPP

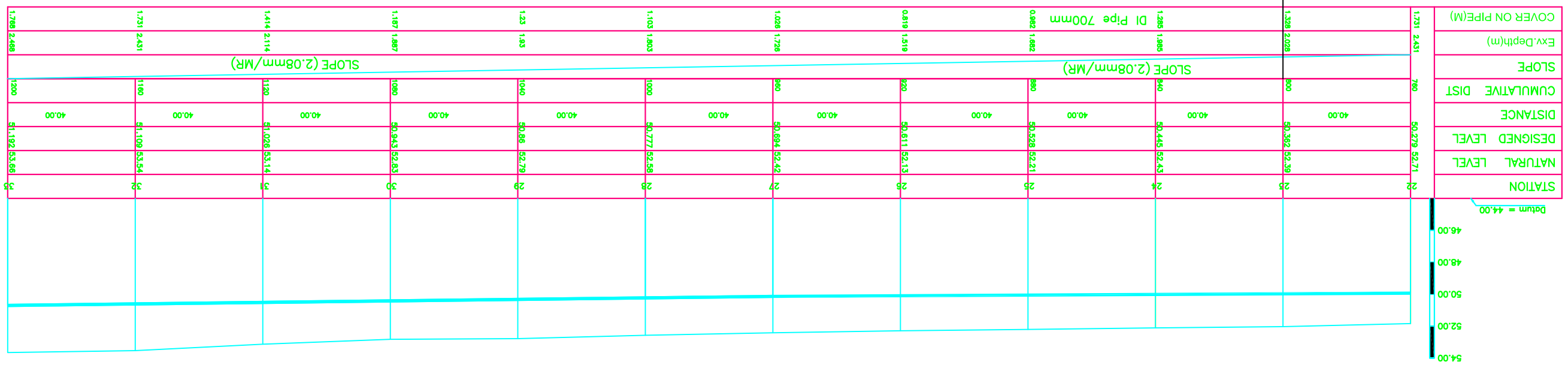
DRAWING NAME:
DUCTILE IRON PIPE

SCALE :	DATE:	REPORT NO.:	DRAWING NO.:
NTS	Dec -2018		02

FOR TENDER ONLY

FOR TENDER ONLY





NOTES

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Construction of Khan Younis Waste Water Treatment Plant in Gaza Strip

CONSTRUCTION OF MAIN INFLUENT PRESSURE LINE FROM EXISTING GRP PIPE TO KYWWTP

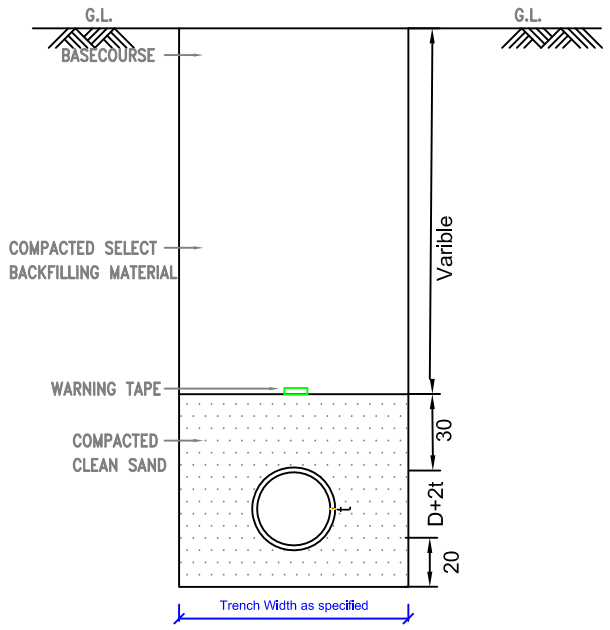
Executing Entity : UNDP/PAPP

Employer : UNDP/PAPP

DRAWING NAME:

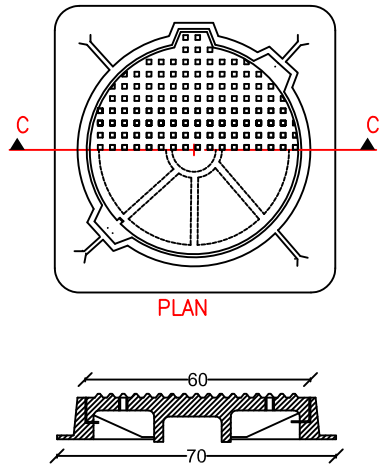
DUCTILE IRON PIPE

SCALE :	DATE:	REPORT NO.:	DRAWING NO.:
NTS	Dec -2018		004<

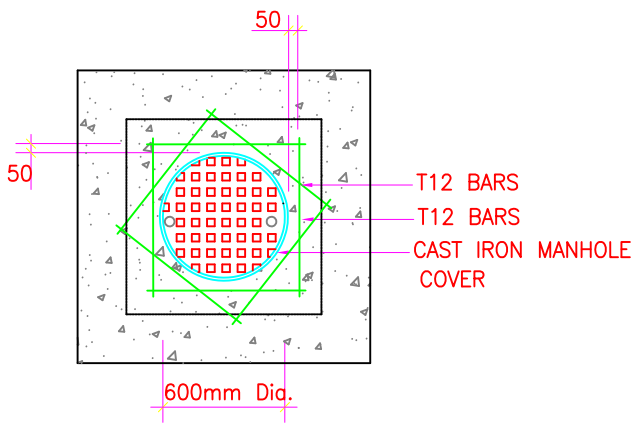


TYPICAL TRENCH CROSS SECTION

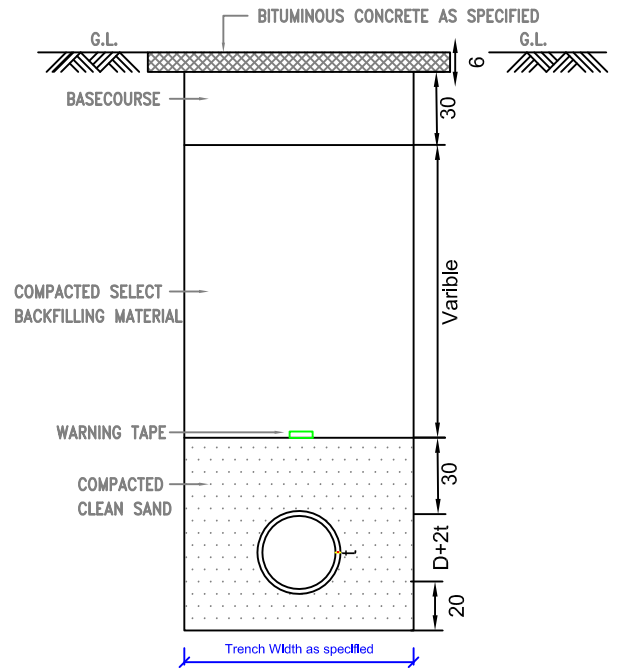
(GRAVITY PIPE ALONG A DIRT ROAD)



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

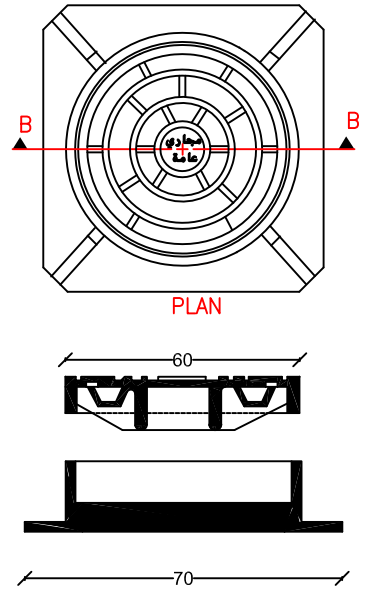


MANHOLE COVER REINFORCEMENT



TYPICAL TRENCH CROSS SECTION

(GRAVITY PIPE CROSSING A PAVED ROAD)



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

NOTES

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Construction of Khan Younis Waste Water Treatment Plant in Gaza Strip

CONSTRUCTION OF MAIN INFLUENT PRESSURE LINE FROM EXISTING GRP PIPE TO KYWWTP

Executing Entity : UNDP/PAPP

Employer : UNDP/PAPP

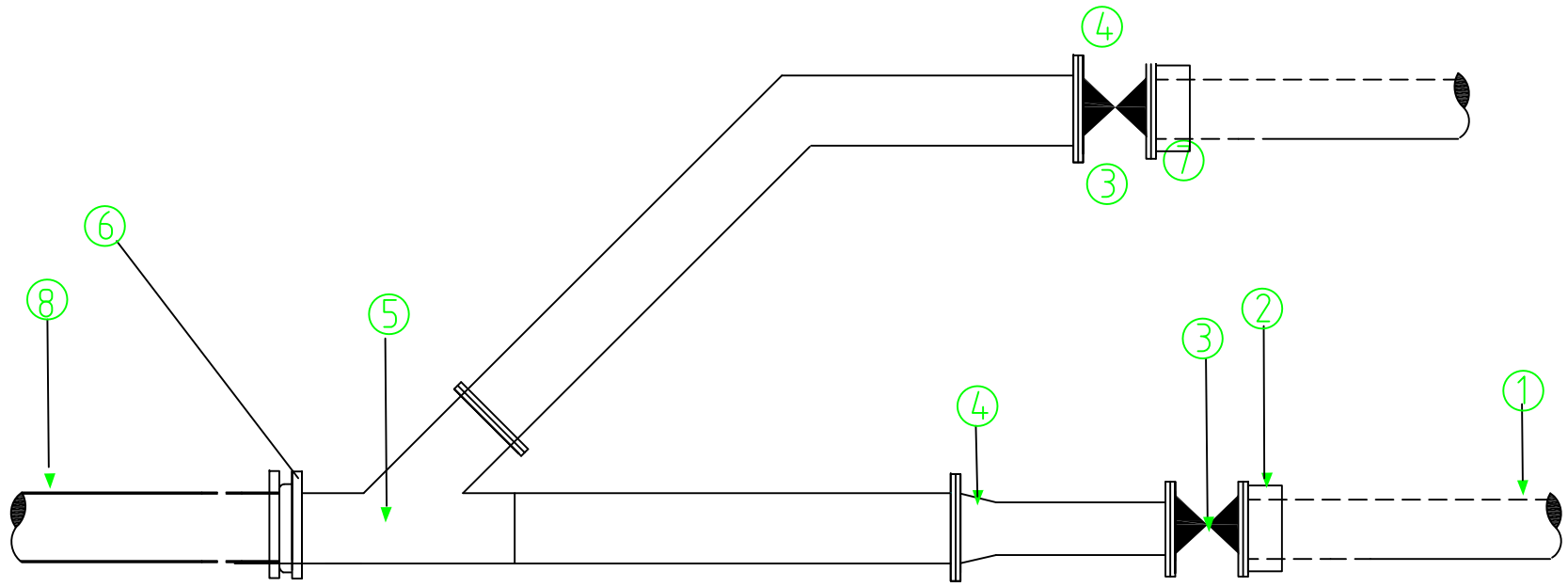
DRAWING NAME:
DETAILS

SCALE :	DATE:	REPORT NO.:	DRAWING NO.:
NTS	Dec -2018		04

FOR TENDER ONLY

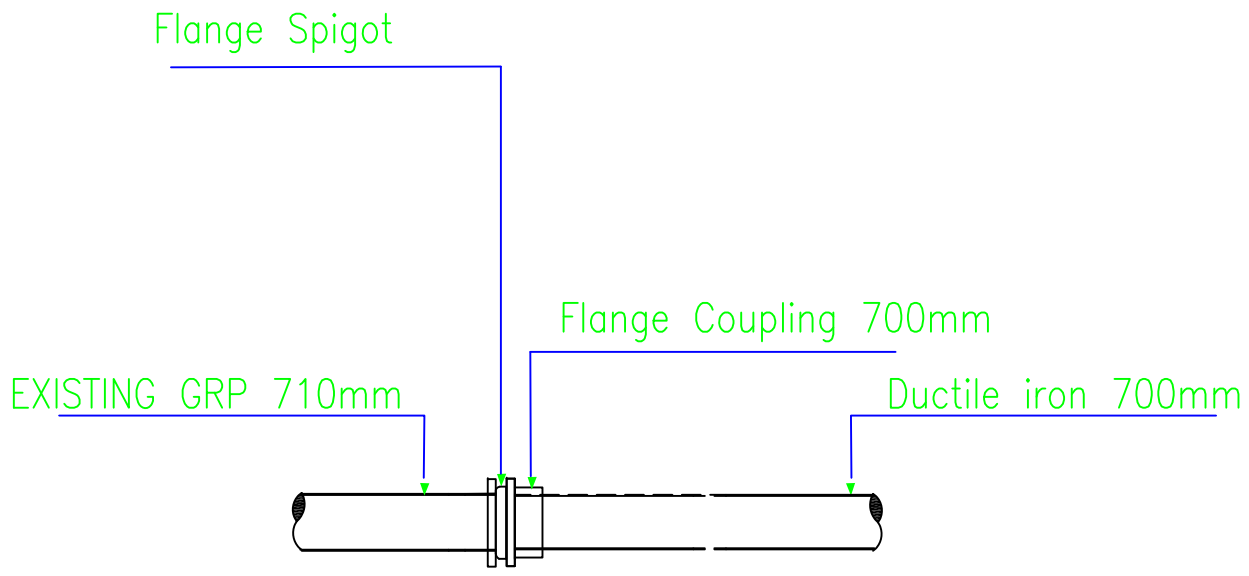
1	DI pipeline 700mm
2	Flange Coupling 700mm
3	Gate Valve 28"
4	Flange reducer 900/700mm
5	Y 900/900mm
6	Flange Spigot 900mm
7	Blind flange 700mm
8	Ductile pipe 900mm

Detail (01)



Detail (01)

Proposed Ductile Iron/ Existing 900mm DI



Detail (02)

Ductile iron 700mm with Existing GRP 710mm

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Construction of Khan Younis Waste Water Treatment Plant in Gaza Strip

CONSTRUCTION OF MAIN INFLUENT PRESSURE LINE FROM EXISTING GRP PIPE TO KYWWTP

Executing Entity : UNDP/PAPP

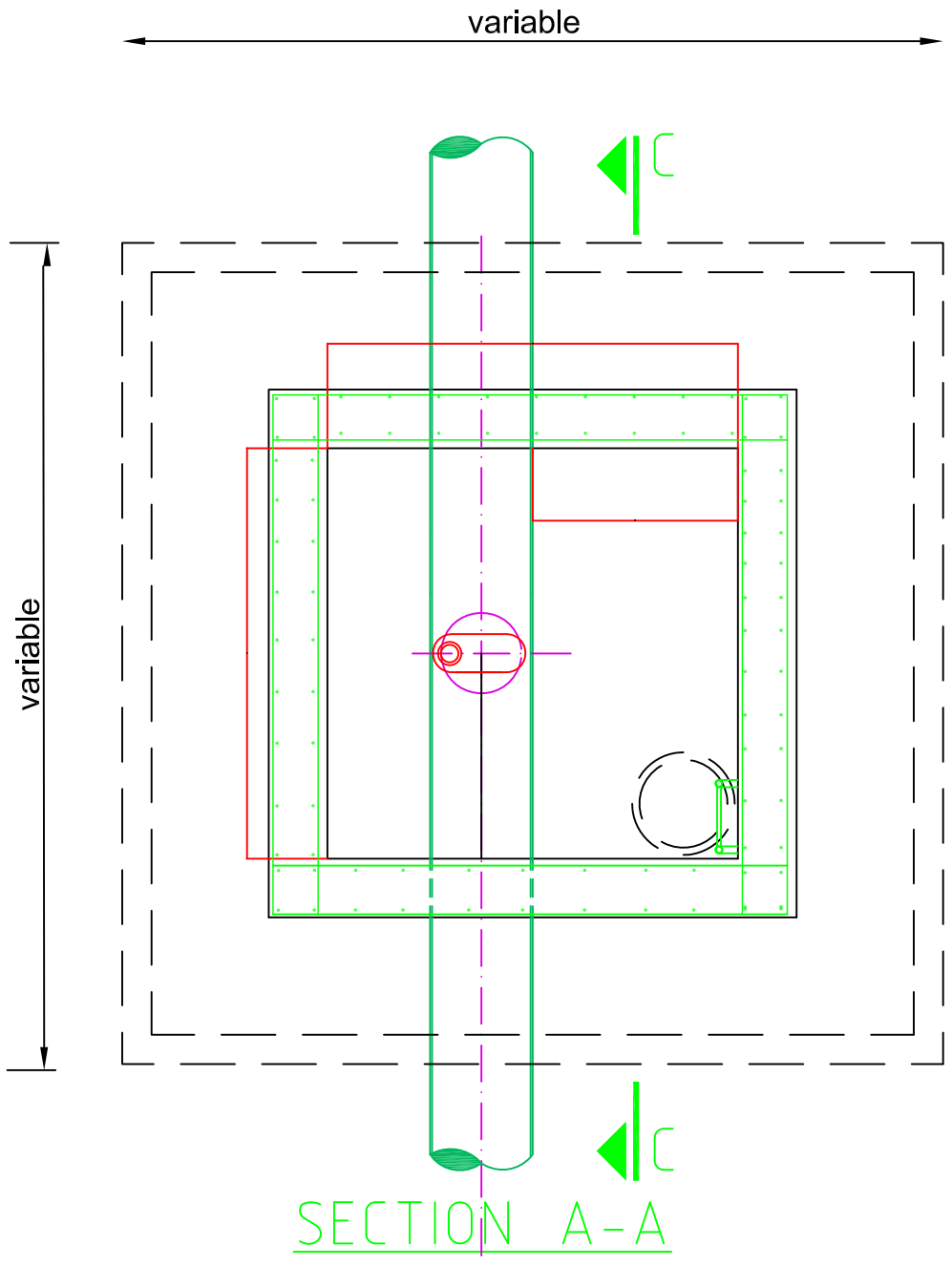
Employer : UNDP/PAPP

DRAWING NAME:
CONNECTION DETAILS

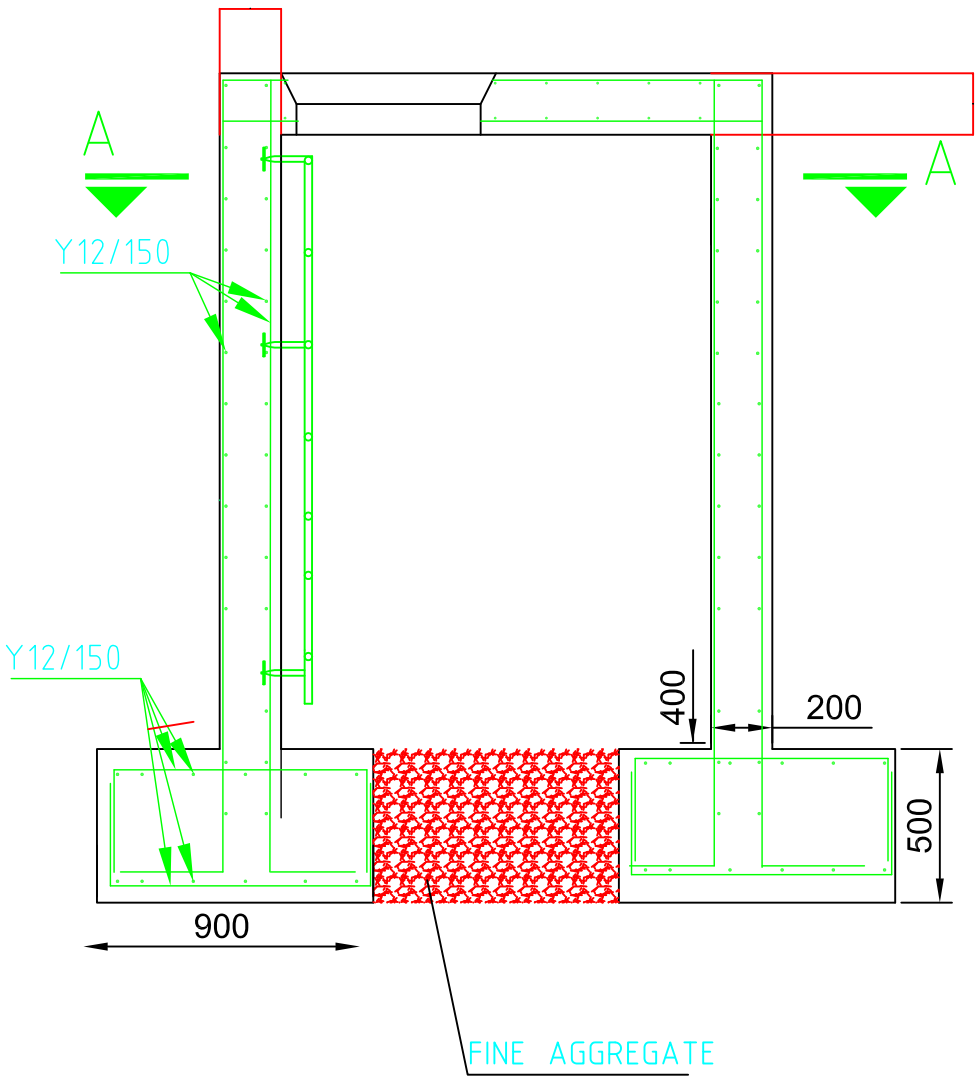
SCALE :	DATE:	REPORT NO.:	DRAWING NO.:
NTS	Dec - 2018		005

FOR TENDER ONLY

Typical Details for chambers



SECTION A-A



SECTION C-C

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Construction of Khan Younis Waste Water Treatment Plant in Gaza Strip

CONSTRUCTION OF MAIN INFLUENT PRESSURE LINE FROM EXISTING GRP PIPE TO KYWWTP

Executing Entity : UNDP/PAPP

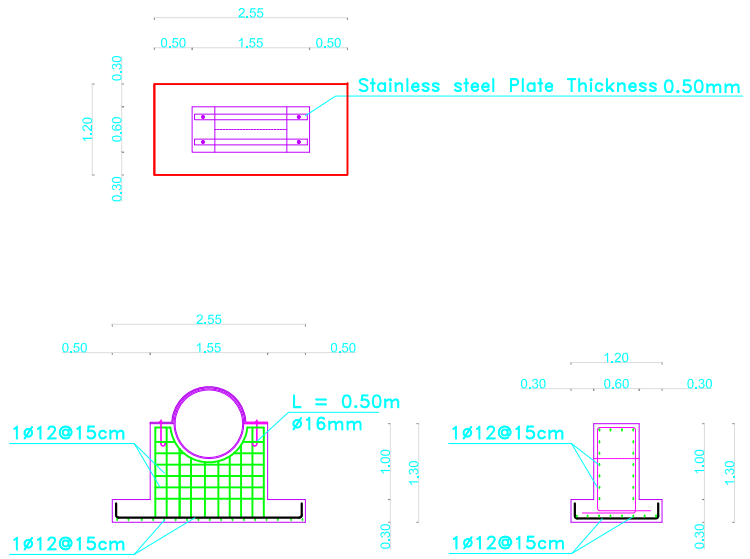
Employer : UNDP/PAPP

DRAWING NAME:

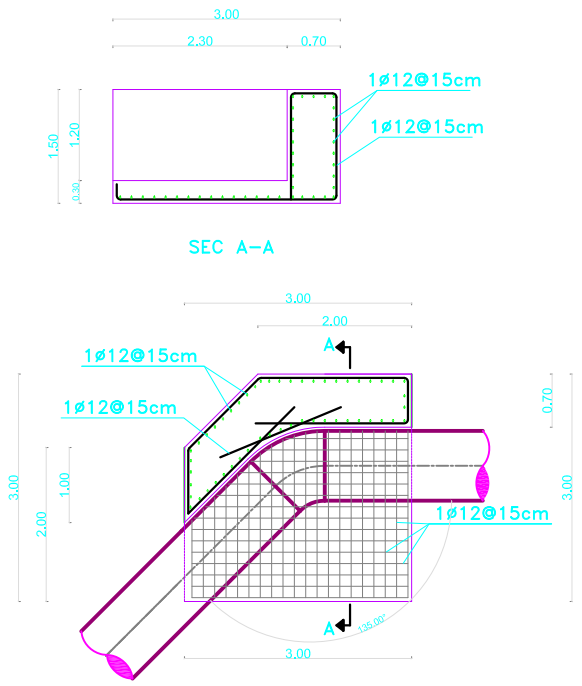
TYPICAL DETAILS FOR CHAMBERS

SCALE :	DATE:	REPORT NO.:	DRAWING NO.:
NTS	Dec -2018		006

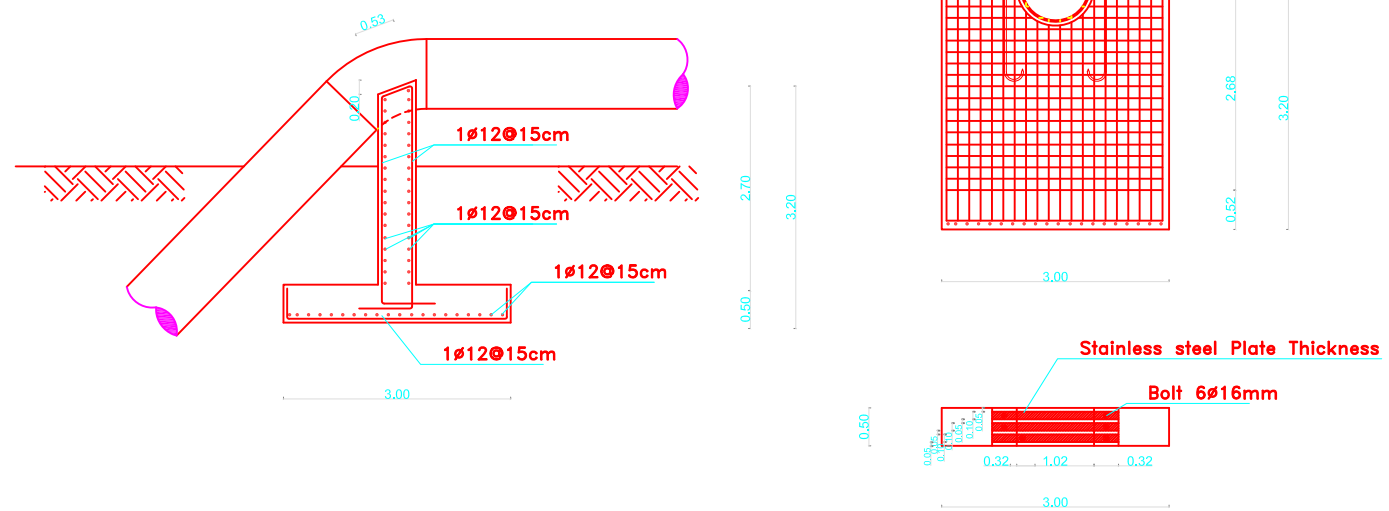
FOR TENDER ONLY



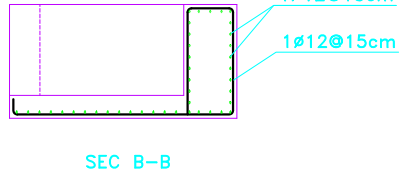
Thrust Block Type (A)



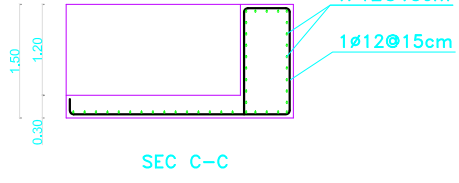
Thrust Block Type (B)



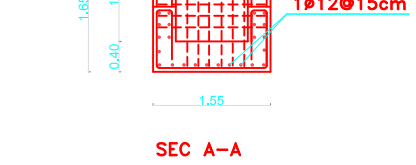
Thrust Block Type (F)



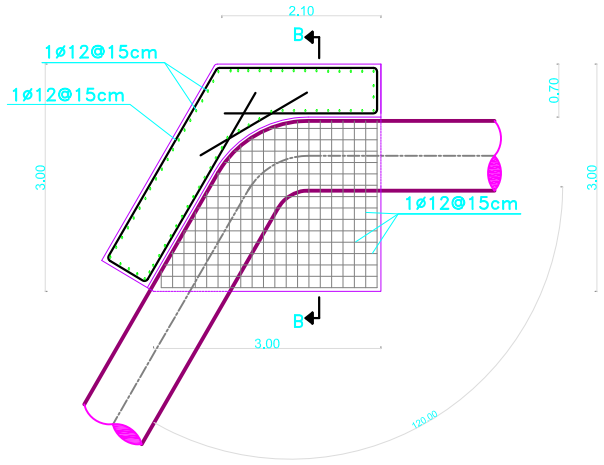
SEC B–B



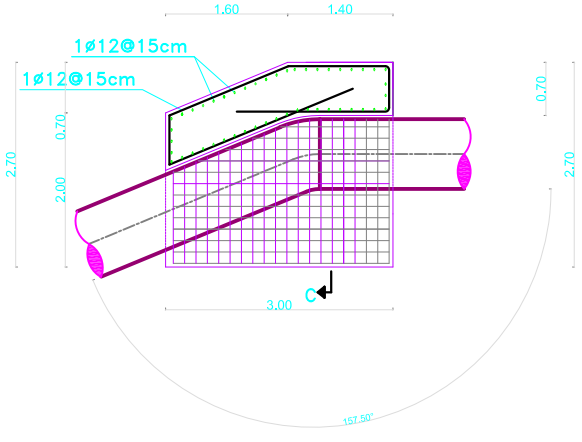
SEC C–C



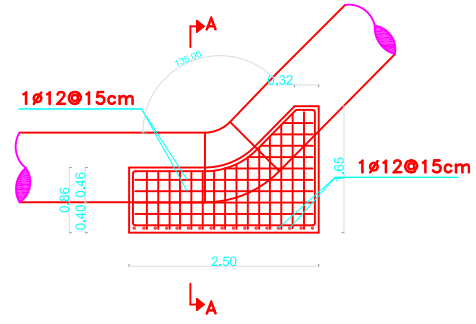
SEC A–A



Thrust Block Type (C)



Thrust Block Type (D)



Thrust Block Type (E)

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Construction of Khan Younis Waste Water Treatment Plant in Gaza Strip

CONSTRUCTION OF MAIN INFLUENT PRESSURE LINE FROM EXISTING GRP PIPE TO KYWWTP

Executing Entity : UNDP/PAPP

Employer : UNDP/PAPP

DRAWING NAME:

TRUST BLOCK DETAILS

SCALE :	DATE:	REPORT NO.:	DRAWING NO.:
NTS	Dec - 2018		007

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