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REFERENCE DOCUMENTS

No.

LEGEND :

for TENDER DOCUMENT

NOTES :

- All dimensions are specified in millimeters, and all coordinates and elevations are in meters.
- Reinforced concrete shall achieve the specified compressive strength of $f'_c = 300 \text{ kg/cm}^2$ on cylinder samples with dimensions of 150 mm diameter $\times$ 300 mm height, unless otherwise noted. The maximum water - to - cement ratio (W/C) shall not exceed 0.40.
- Portland cement, Type II, shall be used for all concrete works, with a minimum cement content of 350 kg/m³.
- Reinforcement bars shall have a yield strength of 4000 kg/cm², conforming to Type AIII specifications.
- Lean concrete with specified compressive strength of $f'_c = 100 \text{ kg/cm}^2$ and cement content of 150 kg/m³ shall be placed immediately after excavation to mitigate soil weathering.
- Bar overlaps, end hooks, bents and development lengths shall comply with the requirements of INBC - 9, Section 9 - 21.
- Final slopes shall be determined on -site based on actual soil conditions and approved by the site supervision team.

LOCATION POINT			
NAME	POINT	X	Y
DR-1-1	A	2866.613	21301.650
	B	2868.613	21301.650
DR-1-2	A	2993.723	22261.910
	B	2993.723	22259.910
DR-2-1	A	2960.457	21216.035
	B	2960.457	21218.495
DR-3-1	A	3325.408	21089.773
	B	3325.408	21086.603
DR-3-2	A	3523.448	21861.847
	B	3523.448	21865.017
A-VL-3-1	A	2685.980	21100.985
	B	2688.430	21100.005
A-VL-3-2	A	3224.503	21103.784
	B	3226.953	21103.804
JUNCTION-4	A	3017.284	21295.128
	B	3014.284	21295.128

POINT "A"

POINT "B"

CLIENT:

شرکت توسعه آبخن و فواید ملی گهر

G.I.S.D.Co

CONSULTANT:

برسو

BARSOO

CONSULTING and PROJECT MANAGEMENT

شرکت مهندسی

CONTRACTOR:

SUBCONTRACTOR:

	Name	Date:	Sign.	CLIENT DOC . NO.
Approved	A.MONFARED	1405.02.13	--	S-SM01-D-BOP-WWTP-DWG-CV-201
Checked:	AH.KOSARIEH	1405.02.13	--	PROJECT NO.: 157DCGU1020201-01
Designed:	J.MALEKIAN	1405.02.13	--	SCALE 1:1000 DOC CLASS NO.: --

PROJECT: **INDUSTRIAL WASTE WATER TRANSFER LINE**

DRAWING TITLE: **AIR VENT & DRAIN PIT LAYOUT**

DRAWING NO.

REGION CODE	PROJECT CODE	SUB PHASE CODE	AREA CODE	UNIT CODE	DOC TYPE CODE	DISCIPLINE CODE	SERIAL NO	REV	SIZE	SHEET
S	SM01	D	BOP	WWTP	DWG	CV	201	1	AO	1/1

1	AS SHOWN	J.MALEKIAN	AH.KOSARIEH	A.MONFARED	1405.03.17
0	FIRST ISSUE	J.MALEKIAN	AH.KOSARIEH	A.MONFARED	1405.02.13
Rev.	DESCRIPTION	Prepared	Checked	Approved	Date