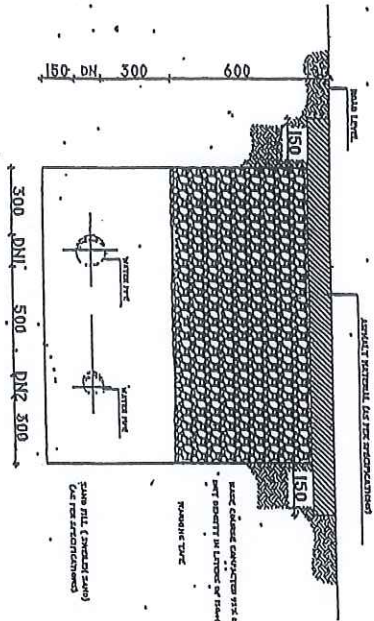


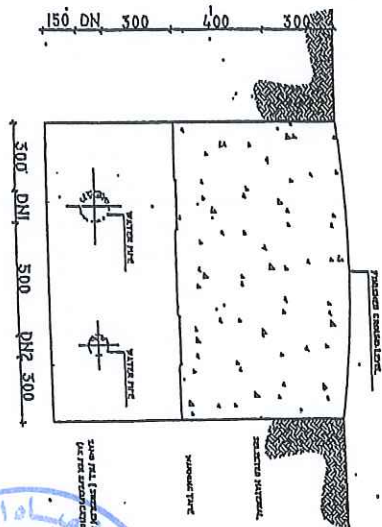
TYPICAL CROSS SECTIONS FOR TWO DUCTILE IRON PIPES IN ONE TRENCH



ALONG ROADS WITH ASPHALT SURFACE

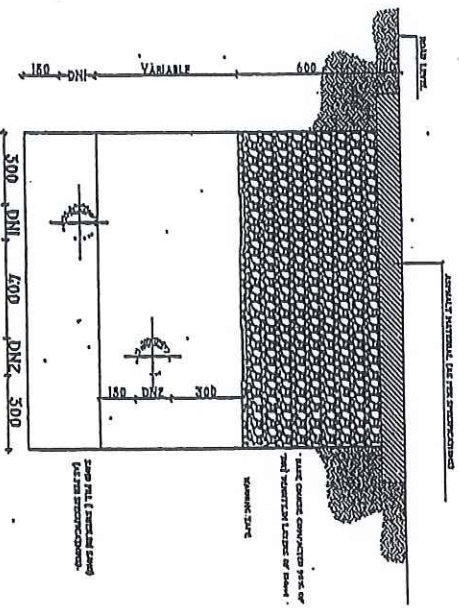
DN1 & DN2 > 200

SEE NOTE No. 6



IN NATURAL GROUND

DN1 & DN2 > 200



TYPICAL CROSS SECTIONS FOR TWO PIPES IN ONE TRENCH

DN1 & DN2

SEE NOTE No. 6

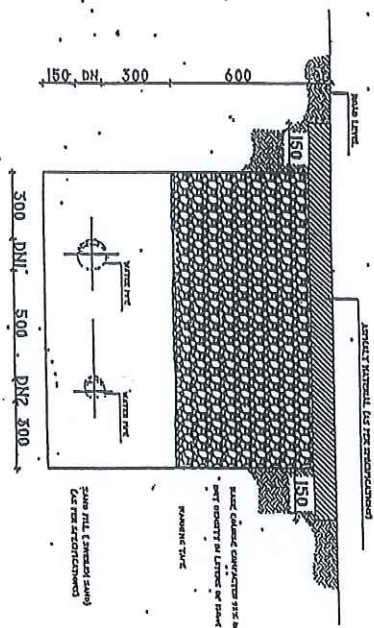


- 1- TYPICAL CROSS SECTION FOR TWO DUCTILE IRON PIPES IN ONE TRENCH
- 2- ALL DIMENSIONS IN MILLIMETERS EXCEPT MANHOLE COVER
- 3- TRENCH SHALL BE FILL WITH SAND (CONCRETE SAND) (SEE SPECIFICATION) AND COVER WITH 150 MM LAYER OF ASPHALT
- 4- IN CASE OF SANDSTONE OR LIME STONE SOILS, THE CONSTRUCTION SHALL BE WITH 150 MM LAYER OF ASPHALT AND 150 MM LAYER OF SAND (CONCRETE SAND) (SEE SPECIFICATION)
- 5- THE CONSTRUCTION SHALL BE WITH 150 MM LAYER OF ASPHALT AND 150 MM LAYER OF SAND (CONCRETE SAND) (SEE SPECIFICATION)
- 6- THE CONSTRUCTION SHALL BE WITH 150 MM LAYER OF ASPHALT AND 150 MM LAYER OF SAND (CONCRETE SAND) (SEE SPECIFICATION)
- 7- THE CONSTRUCTION SHALL BE WITH 150 MM LAYER OF ASPHALT AND 150 MM LAYER OF SAND (CONCRETE SAND) (SEE SPECIFICATION)

هذا المخطط هو نموذج عام ولا يمكن استخدامه في أي مشروع دون الرجوع إلى المواصفات الفنية المعمول بها في الجمهورية العربية السورية.

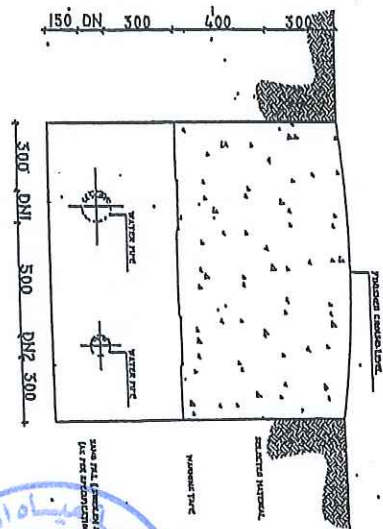
Project Name	Scale	Sheet No.	Revision
Project 1	1:100	1	1
Project 2	1:100	2	1
Project 3	1:100	3	1
Project 4	1:100	4	1
Project 5	1:100	5	1
Project 6	1:100	6	1
Project 7	1:100	7	1
Project 8	1:100	8	1
Project 9	1:100	9	1
Project 10	1:100	10	1

TYPICAL CROSS SECTIONS FOR TWO DUCTILE IRON PIPES IN ONE TRENCH



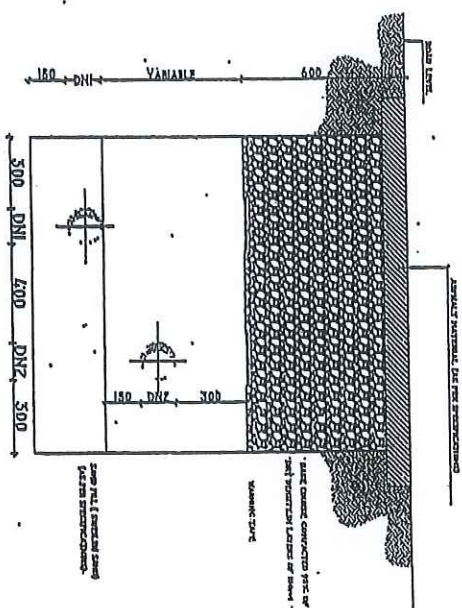
ALONG ROADS WITH ASPHALT SURFACE

DN1 & DN2 > 200
SEE NOTE No. 4



IN NATURAL GROUND

DN1 & DN2 > 200



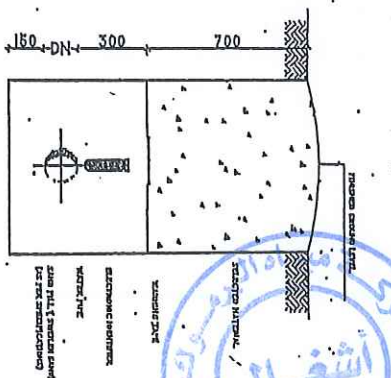
TYPICAL CROSS SECTIONS FOR TWO PIPES IN ONE TRENCH

DN1 & DN2 > 200
SEE NOTE No. 4

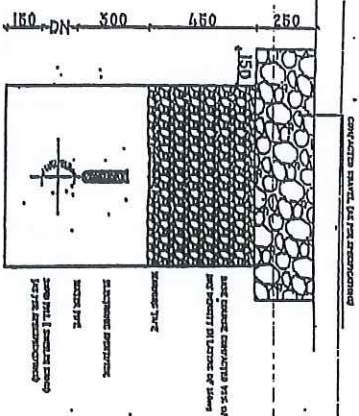
- 1- TYPICAL CROSS SECTION SHOWN SUBJECT TO THE FOLLOWING NOTES:
- 2- ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED.
- 3- ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED.
- 4- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE EXISTING UTILITIES AND STRUCTURES AND SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE EXISTING UTILITIES AND STRUCTURES.
- 5- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE EXISTING UTILITIES AND STRUCTURES AND SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE EXISTING UTILITIES AND STRUCTURES.
- 6- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE EXISTING UTILITIES AND STRUCTURES AND SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE EXISTING UTILITIES AND STRUCTURES.
- 7- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE EXISTING UTILITIES AND STRUCTURES AND SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE EXISTING UTILITIES AND STRUCTURES.

توضیحات:
1- مقطع عرضی نشان داده شده برای دو لوله در یک حفره است.
2- تمام ابعاد در متر است مگر آنکه خلاف این ذکر شده باشد.
3- تمام ابعاد در متر است مگر آنکه خلاف این ذکر شده باشد.
4- پیمانکار مسئول حفاظت از سازه ها و تاسیسات موجود و مسئول حفاظت از سازه ها و تاسیسات موجود است.
5- پیمانکار مسئول حفاظت از سازه ها و تاسیسات موجود و مسئول حفاظت از سازه ها و تاسیسات موجود است.
6- پیمانکار مسئول حفاظت از سازه ها و تاسیسات موجود و مسئول حفاظت از سازه ها و تاسیسات موجود است.
7- پیمانکار مسئول حفاظت از سازه ها و تاسیسات موجود و مسئول حفاظت از سازه ها و تاسیسات موجود است.

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*SEE NOTE NO. 4 & 5



IN NATURAL GROUND

1- TOTAL: TWENTY FIVE COUNTRIES ARE LISTED TYPE OF FIRM IS 1-1, 1-2, 1-3, 1-4, 1-5, 1-6, 1-7, 1-8, 1-9, 1-10, 1-11, 1-12, 1-13, 1-14, 1-15, 1-16, 1-17, 1-18, 1-19, 1-20, 1-21, 1-22, 1-23, 1-24, 1-25, 1-26, 1-27, 1-28, 1-29, 1-30, 1-31, 1-32, 1-33, 1-34, 1-35, 1-36, 1-37, 1-38, 1-39, 1-40, 1-41, 1-42, 1-43, 1-44, 1-45, 1-46, 1-47, 1-48, 1-49, 1-50, 1-51, 1-52, 1-53, 1-54, 1-55, 1-56, 1-57, 1-58, 1-59, 1-60, 1-61, 1-62, 1-63, 1-64, 1-65, 1-66, 1-67, 1-68, 1-69, 1-70, 1-71, 1-72, 1-73, 1-74, 1-75, 1-76, 1-77, 1-78, 1-79, 1-80, 1-81, 1-82, 1-83, 1-84, 1-85, 1-86, 1-87, 1-88, 1-89, 1-90, 1-91, 1-92, 1-93, 1-94, 1-95, 1-96, 1-97, 1-98, 1-99, 1-100, 1-101, 1-102, 1-103, 1-104, 1-105, 1-106, 1-107, 1-108, 1-109, 1-110, 1-111, 1-112, 1-113, 1-114, 1-115, 1-116, 1-117, 1-118, 1-119, 1-120, 1-121, 1-122, 1-123, 1-124, 1-125, 1-126, 1-127, 1-128, 1-129, 1-130, 1-131, 1-132, 1-133, 1-134, 1-135, 1-136, 1-137, 1-138, 1-139, 1-140, 1-141, 1-142, 1-143, 1-144, 1-145, 1-146, 1-147, 1-148, 1-149, 1-150, 1-151, 1-152, 1-153, 1-154, 1-155, 1-156, 1-157, 1-158, 1-159, 1-160, 1-161, 1-162, 1-163, 1-164, 1-165, 1-166, 1-167, 1-168, 1-169, 1-170, 1-171, 1-172, 1-173, 1-174, 1-175, 1-176, 1-177, 1-178, 1-179, 1-180, 1-181, 1-182, 1-183, 1-184, 1-185, 1-186, 1-187, 1-188, 1-189, 1-190, 1-191, 1-192, 1-193, 1-194, 1-195, 1-196, 1-197, 1-198, 1-199, 1-200, 1-201, 1-202, 1-203, 1-204, 1-205, 1-206, 1-207, 1-208, 1-209, 1-210, 1-211, 1-212, 1-213, 1-214, 1-215, 1-216, 1-217, 1-218, 1-219, 1-220, 1-221, 1-222, 1-223, 1-224, 1-225, 1-226, 1-227, 1-228, 1-229, 1-230, 1-231, 1-232, 1-233, 1-234, 1-235, 1-236, 1-237, 1-238, 1-239, 1-240, 1-241, 1-242, 1-243, 1-244, 1-245, 1-246, 1-247, 1-248, 1-249, 1-250, 1-251, 1-252, 1-253, 1-254, 1-255, 1-256, 1-257, 1-258, 1-259, 1-260, 1-261, 1-262, 1-263, 1-264, 1-265, 1-266, 1-267, 1-268, 1-269, 1-270, 1-271, 1-272, 1-273, 1-274, 1-275, 1-276, 1-277, 1-278, 1-279, 1-280, 1-281, 1-282, 1-283, 1-284, 1-285, 1-286, 1-287, 1-288, 1-289, 1-290, 1-291, 1-292, 1-293, 1-294, 1-295, 1-296, 1-297, 1-298, 1-299, 1-300, 1-301, 1-302, 1-303, 1-304, 1-305, 1-306, 1-307, 1-308, 1-309, 1-310, 1-311, 1-312, 1-313, 1-314, 1-315, 1-316, 1-317, 1-318, 1-319, 1-320, 1-321, 1-322, 1-323, 1-324, 1-325, 1-326, 1-327, 1-328, 1-329, 1-330, 1-331, 1-332, 1-333, 1-334, 1-335, 1-336, 1-337, 1-338, 1-339, 1-340, 1-341, 1-342, 1-343, 1-344, 1-345, 1-346, 1-347, 1-348, 1-349, 1-350, 1-351, 1-352, 1-353, 1-354, 1-355, 1-356, 1-357, 1-358, 1-359, 1-360, 1-361, 1-362, 1-363, 1-364, 1-365, 1-366, 1-367, 1-368, 1-369, 1-370, 1-371, 1-372, 1-373, 1-374, 1-375, 1-376, 1-377, 1-378, 1-379, 1-380, 1-381, 1-382, 1-383, 1-384, 1-385, 1-386, 1-387, 1-388, 1-389, 1-390, 1-391, 1-392, 1-393, 1-394, 1-395, 1-396, 1-397, 1-398, 1-399, 1-400, 1-401, 1-402, 1-403, 1-404, 1-405, 1-406, 1-407, 1-408, 1-409, 1-410, 1-411, 1-412, 1-413, 1-414, 1-415, 1-416, 1-417, 1-418, 1-419, 1-420, 1-421, 1-422, 1-423, 1-424, 1-425, 1-426, 1-427, 1-428, 1-429, 1-430, 1-431, 1-432, 1-433, 1-434, 1-435, 1-436, 1-437, 1-438, 1-439, 1-440, 1-441, 1-442, 1-443, 1-444, 1-445, 1-446, 1-447, 1-448, 1-449, 1-450, 1-451, 1-452, 1-453, 1-454, 1-455, 1-456, 1-457, 1-458, 1-459, 1-460, 1-461, 1-462, 1-463, 1-464, 1-465, 1-466, 1-467, 1-468, 1-469, 1-470, 1-471, 1-472, 1-473, 1-474, 1-475, 1-476, 1-477, 1-478, 1-479, 1-480, 1-481, 1-482, 1-483, 1-484, 1-485, 1-486, 1-487, 1-488, 1-489, 1-490, 1-491, 1-492, 1-493, 1-494, 1-495, 1-496, 1-497, 1-498, 1-499, 1-500, 1-501, 1-502, 1-503, 1-504, 1-505, 1-506, 1-507, 1-508, 1-509, 1-510, 1-511, 1-512, 1-513, 1-514, 1-515, 1-516, 1-517, 1-518, 1-519, 1-520, 1-521, 1-522, 1-523, 1-524, 1-525, 1-526, 1-527, 1-528, 1-529, 1-530, 1-531, 1-532, 1-533, 1-534, 1-535, 1-536, 1-537, 1-538, 1-539, 1-540, 1-541, 1-542, 1-543, 1-544, 1-545, 1-546, 1-547, 1-548, 1-549, 1-550, 1-551, 1-552, 1-553, 1-554, 1-555, 1-556, 1-557, 1-558, 1-559, 1-560, 1-561, 1-562, 1-563, 1-564, 1-565, 1-566, 1-567, 1-568, 1-569, 1-570, 1-571, 1-572, 1-573, 1-574, 1-575, 1-576, 1-577, 1-578, 1-579, 1-580, 1-581, 1-582, 1-583, 1-584, 1-585, 1-586, 1-587, 1-588, 1-589, 1-590, 1-591, 1-592, 1-593, 1-5

CONCRETE CHAMBERS FOR ELECTRO MAGNETIC FLOW METER

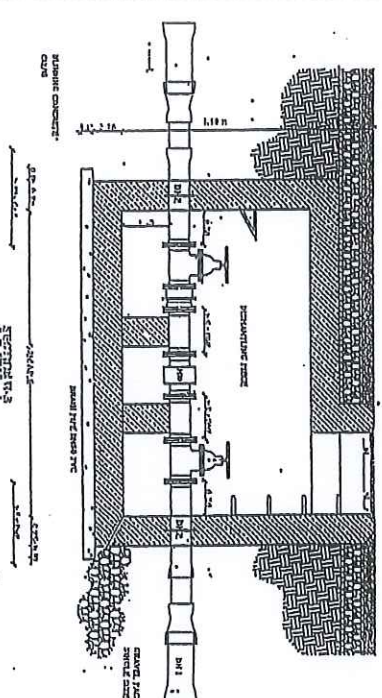
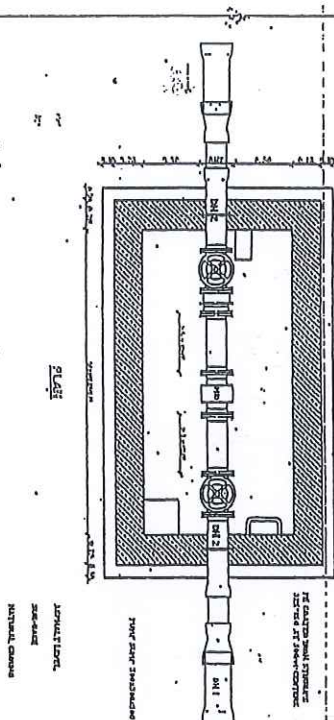
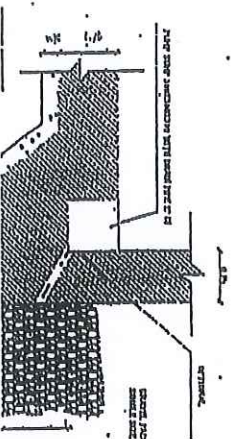


FIGURE 1
TYPE OF CHAMBERS TO BE PROVIDED ON SITE



CONCRETE CHAMBER FOR PRESSURE MEASUREMENT

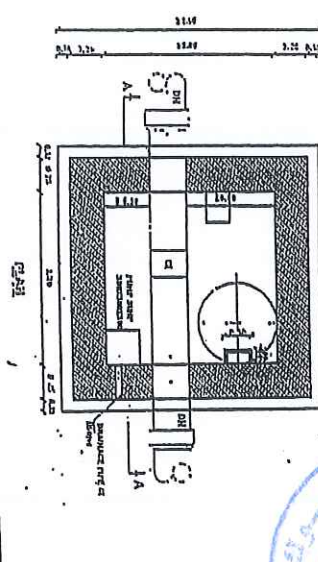
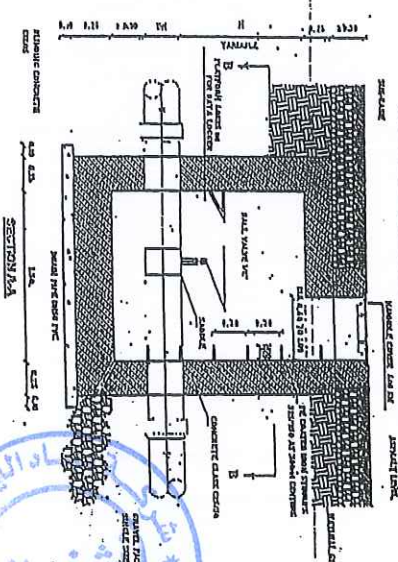
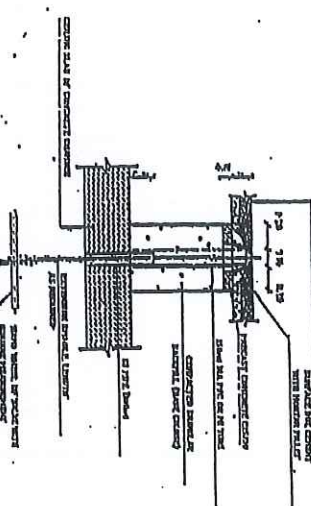


FIGURE 2
TYPE OF CHAMBERS TO BE PROVIDED ON SITE



THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE CHAMBERS FOR THE ELECTRO MAGNETIC FLOW METER.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE CHAMBERS FOR THE PRESSURE MEASUREMENT.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE CHAMBERS FOR THE ELECTRO MAGNETIC FLOW METER.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE CHAMBERS FOR THE PRESSURE MEASUREMENT.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE CHAMBERS FOR THE ELECTRO MAGNETIC FLOW METER.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE CHAMBERS FOR THE PRESSURE MEASUREMENT.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE CHAMBERS FOR THE ELECTRO MAGNETIC FLOW METER.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE CHAMBERS FOR THE PRESSURE MEASUREMENT.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE CHAMBERS FOR THE ELECTRO MAGNETIC FLOW METER.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE CHAMBERS FOR THE PRESSURE MEASUREMENT.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE CHAMBERS FOR THE ELECTRO MAGNETIC FLOW METER.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE CHAMBERS FOR THE PRESSURE MEASUREMENT.

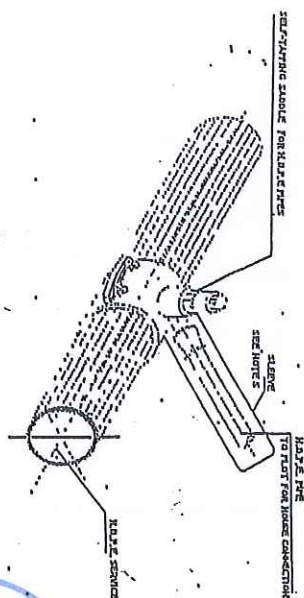
THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE CHAMBERS FOR THE ELECTRO MAGNETIC FLOW METER.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE CHAMBERS FOR THE PRESSURE MEASUREMENT.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE CHAMBERS FOR THE ELECTRO MAGNETIC FLOW METER.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE CHAMBERS FOR THE PRESSURE MEASUREMENT.

**SINGLE FERRULE OUTLET FOR HOUSE CONNECTIONS
ON H.D.P.E. PIPES FOR STREET WITH DEAD END LINE**



RECOMMENDED FOR STUDY OF JUDGE COLLECTION
FOR THE PRESIDENTIAL YEAR

HOUSE CONNECTION DIAMETER		MATERIAL OF WATER TUBES/ FITTINGS /	CLASS
ID	OD		
mm	mm	1-6	1"
25	32		
50	63		2"

TABLE 1

TYPICAL DETAIL FOR CONNECTION OF PROPOSED
H.D.P.E PIPE ON EXISTING OR NEW C.I. PIPES

FLY - PIT MILE TRIP TO BANGOR

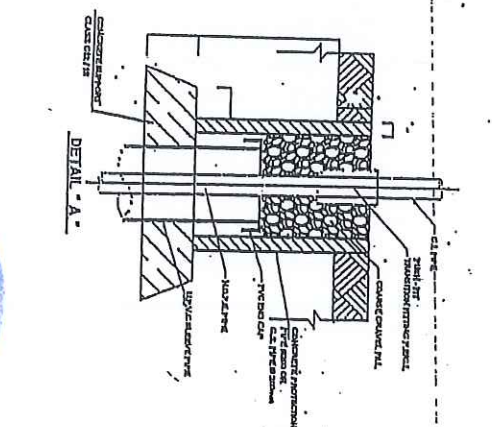
1. The following are the names of the persons who were present at the meeting:
2. The following are the names of the persons who were present at the meeting:
3. The following are the names of the persons who were present at the meeting:
4. The following are the names of the persons who were present at the meeting:
5. The following are the names of the persons who were present at the meeting:

THE PLASTICITY FOUND ON DEFORMATION OF WATER IN REACTION WITH
-YASUNORI WATARI CO., LTD.

YANPOUK WATER CO., LTD.

Machine Description Details 1

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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FRONT VIEW

MAX 1.40
(TO ALLOW READING)

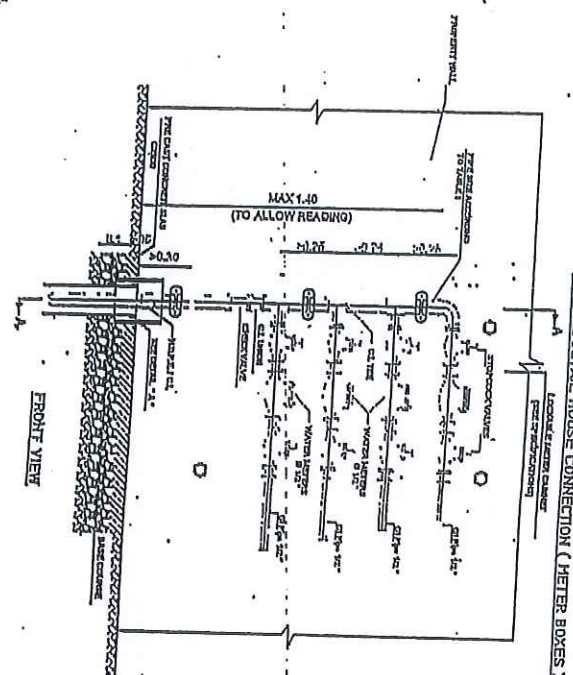
1.20

0.30

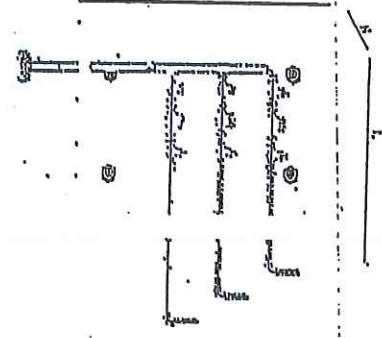
FRONT VIEW

HOUSE CONNECTION (METER BOXES)

ELECTRIC METER CHAMBER (METER CONNECTION)



SECTION A-A



2. IF H.C. AND KARP, SERVICE USE ONE OF THE
 FOLLOWING METHODS TO ESTIMATE THE FERTILIZATION
 METHODS OF THE TYPICAL STUDY, PROCEED.

Product	Weight		Volume	
	kg	lb	m ³	cu ft
2 1/2 in 3	20	44	0.01	0.35
4 1/2 in 3	21	46	0.01	0.36
4 1/2 in 10	20	44	0.01	0.35
6 1/2 in 10	20	44	0.01	0.35
10 in 10	20	44	0.01	0.35

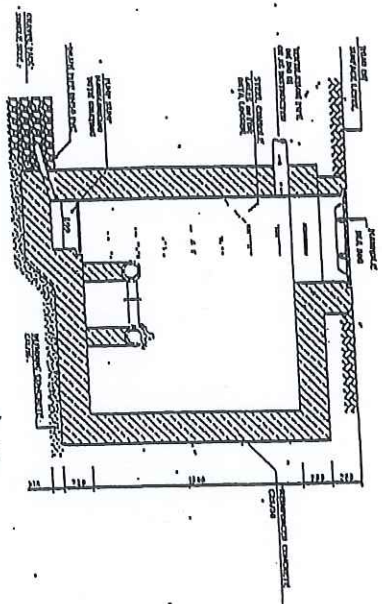
RECOMMENDATION FOR ZONE C
FOR PTFE PROTECTANT

JOURNAL COLLECTION		JOURNAL No. OF TOTAL VOLUMES / CARTRIDGES	Q P ₀ EAS
DATE	Q		
10	10	1-1	1-
11	11	1-20	2-
12	12		

THE NATIONWIDE JUNCTION OF JOINT
PURSUES OF WATER & FRESHWATER
YARNOLK WATER CO. 11.11.11

YAFIMOUK WATER CO. LLC

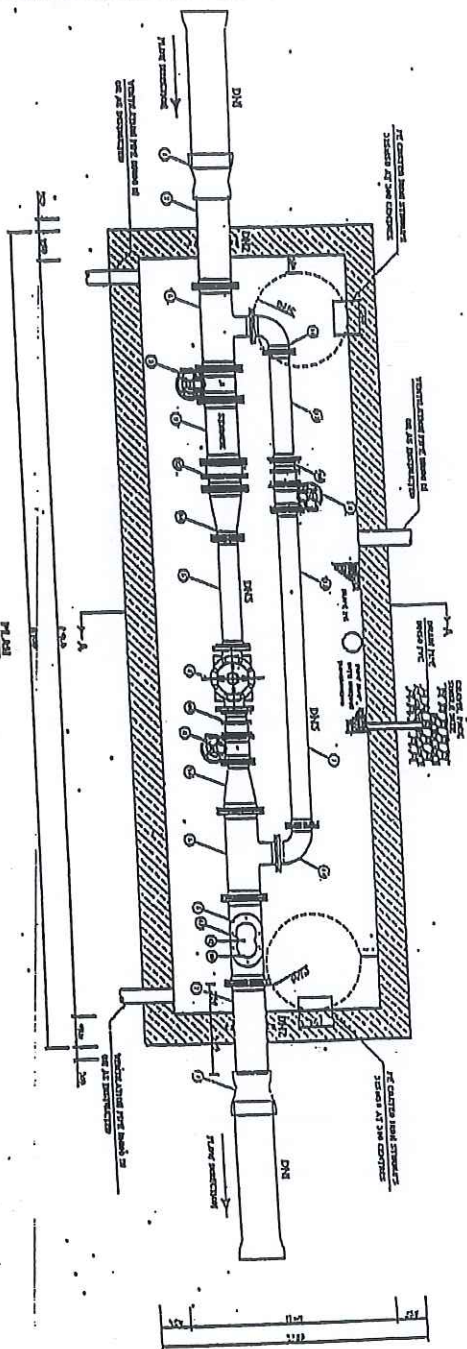
Shardul Pruthi
Hons Commerce Delhi 2



SECTION A-A

DN1=200, DN2=150 and DN3=100

NO.	DESCRIPTION	QTY	UNIT
1	CONCRETE STRUCTURE	1	m ³
2	CAST IRON GATE VALVE	1	each
3	CAST IRON GATE VALVE	1	each
4	CAST IRON GATE VALVE	1	each
5	CAST IRON GATE VALVE	1	each
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13	CAST IRON GATE VALVE	1	each
14	CAST IRON GATE VALVE	1	each
15	CAST IRON GATE VALVE	1	each
16	CAST IRON GATE VALVE	1	each
17	CAST IRON GATE VALVE	1	each



PLAN

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES DURING THE CONSTRUCTION OF THE VALVE CHAMBER.

ALL EXISTING UTILITIES SHALL BE PROTECTED AND NOT BE DAMAGED OR DISRUPTED DURING THE CONSTRUCTION OF THE VALVE CHAMBER.

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It is not a Harvard man, as some would say, but a Harvard man.

E1: ADDITIONAL DATA ANALYSES *Journal of American Academy of Child and Adolescent Psychiatry*, 1997, 36, 10, 1123-1129

OBJECTIVE: To determine whether the use of a structured clinical interview (the Schedule for Affective Disorders and Schizophrenia—School Edition) in the diagnosis of DSM-IV major depressive disorder (MDD) in children and adolescents is associated with a higher rate of comorbidity with anxiety disorders (AD) than the use of a semistructured clinical interview (the Diagnostic Interview Schedule for Children).

DESIGN: A retrospective analysis of data from the National Comorbidity Survey Replication, a nationally representative sample of 10,172 children and adolescents.

SETTING: The National Comorbidity Survey Replication, a nationally representative sample of 10,172 children and adolescents.

PARTICIPANTS: Children and adolescents aged 13 to 17 years.

MEASUREMENTS AND MAIN RESULTS: The rate of comorbidity with AD was higher for children and adolescents diagnosed with MDD using the structured clinical interview than for those diagnosed using the semistructured clinical interview.

CONCLUSIONS: The use of a structured clinical interview in the diagnosis of MDD in children and adolescents is associated with a higher rate of comorbidity with AD than the use of a semistructured clinical interview.

KEY WORDS: Children, adolescents, major depressive disorder, anxiety disorders, comorbidity.



YABLOUK WATER CO., L.L.C.

Standard Dangling
Schedule of Correction Dates Issued 1 of 2

[illegible]

DETAIL CONNECTIONS OF NEW PIPELINES WITH EXISTING PIPELINES					
GENERAL	DETAIL	DETAIL	LIST OF (A & PE) FITTINGS REQUIRED		LIST OF (PE) FITTINGS REQUIRED
			DN1 (A) - INCH (A)	DN1 (A) - INCH (A)	
1			1 ELBOW 90 DEGREE 1 FLANGE 1 WELD	1 ELBOW 90 DEGREE 1 FLANGE 1 WELD	1 ELBOW 90 DEGREE 1 FLANGE 1 WELD
2			1 ELBOW 90 DEGREE 1 FLANGE 1 WELD	1 ELBOW 90 DEGREE 1 FLANGE 1 WELD	1 ELBOW 90 DEGREE 1 FLANGE 1 WELD
3			1 ELBOW 90 DEGREE 1 FLANGE 1 WELD	1 ELBOW 90 DEGREE 1 FLANGE 1 WELD	1 ELBOW 90 DEGREE 1 FLANGE 1 WELD
4			1 ELBOW 90 DEGREE 1 FLANGE 1 WELD	1 ELBOW 90 DEGREE 1 FLANGE 1 WELD	1 ELBOW 90 DEGREE 1 FLANGE 1 WELD
5			1 ELBOW 90 DEGREE 1 FLANGE 1 WELD	1 ELBOW 90 DEGREE 1 FLANGE 1 WELD	1 ELBOW 90 DEGREE 1 FLANGE 1 WELD
6			1 ELBOW 90 DEGREE 1 FLANGE 1 WELD	1 ELBOW 90 DEGREE 1 FLANGE 1 WELD	1 ELBOW 90 DEGREE 1 FLANGE 1 WELD
7			1 ELBOW 90 DEGREE 1 FLANGE 1 WELD	1 ELBOW 90 DEGREE 1 FLANGE 1 WELD	1 ELBOW 90 DEGREE 1 FLANGE 1 WELD
8			1 ELBOW 90 DEGREE 1 FLANGE 1 WELD	1 ELBOW 90 DEGREE 1 FLANGE 1 WELD	1 ELBOW 90 DEGREE 1 FLANGE 1 WELD
9			1 ELBOW 90 DEGREE 1 FLANGE 1 WELD	1 ELBOW 90 DEGREE 1 FLANGE 1 WELD	1 ELBOW 90 DEGREE 1 FLANGE 1 WELD
10			1 ELBOW 90 DEGREE 1 FLANGE 1 WELD	1 ELBOW 90 DEGREE 1 FLANGE 1 WELD	1 ELBOW 90 DEGREE 1 FLANGE 1 WELD

_____ DN1
 _____ DN2
 _____ DN3

Interfaced Description
Schedule of Connected Parties Sheet 2 of 2

1941

11

2. **ACQUISITION**—how much value for a given financial outlay
3. **ADAPTATION**—how much value for a given financial outlay
4. **ADAPTATION**—how much value for a given financial outlay

[illegible]

[illegible][illegible][illegible]

DN1
DN2

ON 12

ΥΔΡΟΛΟΓΙΚΑ ΠΑΡΑΓΓΟΛΟΓΙΑ



ΥΔΡΟΦΟΒΙΚΗ ΠΑΡΕΑΦΟΡΑ

Standard Deviation

Schedule of Connecting Lines

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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[illegible]

WILLIAM

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Part D

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DETAIL CONNECTIONS OF EXISTING AND NEW PIPELINES

General Note	Details	DN1	DN2	DN3	DN4	DN5	DN6	DN7	DN8	DN9	DN10	DN11	DN12	DN13	DN14	DN15	DN16	DN17	DN18	DN19	DN20	DN21	DN22	DN23	DN24	DN25	DN26	DN27	DN28	DN29	DN30	DN31	DN32	DN33	DN34	DN35	DN36	DN37	DN38	DN39	DN40	DN41	DN42	DN43	DN44	DN45	DN46	DN47	DN48	DN49	DN50	DN51	DN52	DN53	DN54	DN55	DN56	DN57	DN58	DN59	DN60	DN61	DN62	DN63	DN64	DN65	DN66	DN67	DN68	DN69	DN70	DN71	DN72	DN73	DN74	DN75	DN76	DN77	DN78	DN79	DN80	DN81	DN82	DN83	DN84	DN85	DN86	DN87	DN88	DN89	DN90	DN91	DN92	DN93	DN94	DN95	DN96	DN97	DN98	DN99	DN100	DN101	DN102	DN103	DN104	DN105	DN106	DN107	DN108	DN109	DN110	DN111	DN112	DN113	DN114	DN115	DN116	DN117	DN118	DN119	DN120	DN121	DN122	DN123	DN124	DN125	DN126	DN127	DN128	DN129	DN130	DN131	DN132	DN133	DN134	DN135	DN136	DN137	DN138	DN139	DN140	DN141	DN142	DN143	DN144	DN145	DN146	DN147	DN148	DN149	DN150	DN151	DN152	DN153	DN154	DN155	DN156	DN157	DN158	DN159	DN160	DN161	DN162	DN163	DN164	DN165	DN166	DN167	DN168	DN169	DN170	DN171	DN172	DN173	DN174	DN175	DN176	DN177	DN178	DN179	DN180	DN181	DN182	DN183	DN184	DN185	DN186	DN187	DN188	DN189	DN190	DN191	DN192	DN193	DN194	DN195	DN196	DN197	DN198	DN199	DN200	DN201	DN202	DN203	DN204	DN205	DN206	DN207	DN208	DN209	DN210	DN211	DN212	DN213	DN214	DN215	DN216	DN217	DN218	DN219	DN220	DN221	DN222	DN223	DN224	DN225	DN226	DN227	DN228	DN229	DN230	DN231	DN232	DN233	DN234	DN235	DN236	DN237	DN238	DN239	DN240	DN241	DN242	DN243	DN244	DN245	DN246	DN247	DN248	DN249	DN250	DN251	DN252	DN253	DN254	DN255	DN256	DN257	DN258	DN259	DN260	DN261	DN262	DN263	DN264	DN265	DN266	DN267	DN268	DN269	DN270	DN271	DN272	DN273	DN274	DN275	DN276	DN277	DN278	DN279	DN280	DN281	DN282	DN283	DN284	DN285	DN286	DN287	DN288	DN289	DN290	DN291	DN292	DN293	DN294	DN295	DN296	DN297	DN298	DN299	DN300	DN301	DN302	DN303	DN304	DN305	DN306	DN307	DN308	DN309	DN310	DN311	DN312	DN313	DN314	DN315	DN316	DN317	DN318	DN319	DN320	DN321	DN322	DN323	DN324	DN325	DN326	DN327	DN328	DN329	DN330	DN331	DN332	DN333	DN334	DN335	DN336	DN337	DN338	DN339	DN340	DN341	DN342	DN343	DN344	DN345	DN346	DN347	DN348	DN349	DN350	DN351	DN352	DN353	DN354	DN355	DN356	DN357	DN358	DN359	DN360	DN361	DN362	DN363	DN364	DN365	DN366	DN367	DN368	DN369	DN370	DN371	DN372	DN373	DN374	DN375	DN376	DN377	DN378	DN379	DN380	DN381	DN382	DN383	DN384	DN385	DN386	DN387	DN388	DN389	DN390	DN391	DN392	DN393	DN394	DN395	DN396	DN397	DN398	DN399	DN400	DN401	DN402	DN403	DN404	DN405	DN406	DN407	DN408	DN409	DN410	DN411	DN412	DN413	DN414	DN415	DN416	DN417	DN418	DN419	DN420	DN421	DN422	DN423	DN424	DN425	DN426	DN427	DN428	DN429	DN430	DN431	DN432	DN433	DN434	DN435	DN436	DN437	DN438	DN439	DN440	DN441	DN442	DN443	DN444	DN445	DN446	DN447	DN448	DN449	DN450	DN451	DN452	DN453	DN454	DN455	DN456	DN457	DN458	DN459	DN460	DN461	DN462	DN463	DN464	DN465	DN466	DN467	DN468	DN469	DN470	DN471	DN472	DN473	DN474	DN475	DN476	DN477	DN478	DN479	DN480	DN481	DN482	DN483	DN484	DN485	DN486	DN487	DN488	DN489	DN490	DN491	DN492	DN493	DN494	DN495	DN496	DN497	DN498	DN499	DN500	DN501	DN502	DN503	DN504	DN505	DN506	DN507	DN508	DN509	DN510	DN511	DN512	DN513	DN514	DN515	DN516	DN517	DN518	DN519	DN520	DN521	DN522	DN523	DN524	DN525	DN526	DN527	DN528	DN529	DN530	DN531	DN532	DN533	DN534	DN535	DN536	DN537	DN538	DN539	DN540	DN541	DN542	DN543	DN544	DN545	DN546	DN547	DN548	DN549	DN550	DN551	DN552	DN553	DN554	DN555	DN556	DN557	DN558	DN559	DN560	DN561	DN562	DN563	DN564	DN565	DN566	DN567	DN568	DN569	DN570	DN571	DN572	DN573	DN574	DN575	DN576	DN577	DN578	DN579	DN580	DN581	DN582	DN583	DN584	DN585	DN586	DN587	DN588	DN589	DN590	DN591	DN592	DN593	DN594	DN595	DN596	DN597	DN598	DN599	DN600	DN601	DN602	DN603	DN604	DN605	DN606	DN607	DN608	DN609	DN610	DN611	DN612	DN613	DN614	DN615	DN616	DN617	DN618	DN619	DN620	DN621	DN622	DN623	DN624	DN625	DN626	DN627	DN628	DN629	DN630	DN631	DN632	DN633	DN634	DN635	DN636	DN637	DN638	DN639	DN640	DN641	DN642	DN643	DN644	DN645	DN646	DN647	DN648	DN649	DN650	DN651	DN652	DN653	DN654	DN655	DN656	DN657	DN658	DN659	DN660	DN661	DN662	DN663	DN664	DN665	DN666	DN667	DN668	DN669	DN670	DN671	DN672	DN673	DN674	DN675	DN676	DN677	DN678	DN679	DN680	DN681	DN682	DN683	DN684	DN685	DN686	DN687	DN688	DN689	DN690	DN691	DN692	DN693	DN694	DN695	DN696	DN697	DN698	DN699	DN700	DN701	DN702	DN703	DN704	DN705	DN706	DN707	DN708	DN709	DN710	DN711	DN712	DN713	DN714	DN715	DN716	DN717	DN718	DN719	DN720	DN721	DN722	DN723	DN724	DN725	DN726	DN727	DN728	DN729	DN730	DN731	DN732	DN733	DN734	DN735	DN736	DN737	DN738	DN739	DN740	DN741	DN742	DN743	DN744	DN745	DN746	DN747	DN748	DN749	DN750	DN751	DN752	DN753	DN754	DN755	DN756	DN757	DN758	DN759	DN760	DN761	DN762	DN763	DN764	DN765	DN766	DN767	DN768	DN769	DN770	DN771	DN772	DN773	DN774	DN775	DN776	DN777	DN778	DN779	DN780	DN781	DN782	DN783	DN784	DN785	DN786	DN787	DN788	DN789	DN790	DN791	DN792	DN793	DN794	DN795	DN796	DN797	DN798	DN799	DN800	DN801	DN802	DN803	DN804	DN805	DN806	DN807	DN808	DN809	DN810	DN811	DN812	DN813	DN814	DN815	DN816	DN817	DN818	DN819	DN820	DN821	DN822	DN823	DN824	DN825	DN826	DN827	DN828	DN829	DN830	DN831	DN832	DN833	DN834	DN835	DN836	DN837	DN838	DN839	DN840	DN841	DN842	DN843	DN844	DN845	DN846	DN847	DN848	DN849	DN850	DN851	DN852	DN853	DN854	DN855	DN856	DN857	DN858	DN859	DN860	DN861	DN862	DN863	DN864	DN865	DN866	DN867	DN868	DN869	DN870	DN871	DN872	DN873	DN874	DN875	DN876	DN877	DN878	DN879	DN880	DN881	DN882	DN883	DN884	DN885	DN886	DN887	DN888	DN889	DN890	DN891	DN892	DN893	DN894	DN895	DN896	DN897	DN898	DN899	DN900	DN901	DN902	DN903	DN904	DN905	DN906	DN907	DN908	DN909	DN910	DN911	DN912	DN913	DN914	DN915	DN916	DN917	DN918	DN919	DN920	DN921	DN922	DN923	DN924	DN925	DN926	DN927	DN928	DN929	DN930	DN931	DN932	DN933	DN934	DN935	DN936	DN937	DN938	DN939	DN940	DN941	DN942	DN943	DN944	DN945	DN946	DN947	DN948	DN949	DN950	DN951	DN952	DN953	DN954	DN955	DN956	DN957	DN958	DN959	DN960	DN961	DN962	DN963	DN964	DN965	DN966	DN967	DN968	DN969	DN970	DN971	DN972	DN973	DN974	DN975	DN976	DN977	DN978	DN979	DN980	DN981	DN982	DN983	DN984	DN985	DN986	DN987	DN988	DN989	DN990	DN991	DN992	DN993	DN994	DN995	DN996	DN997	DN998	DN999	DN1000	DN1001	DN1002	DN1003	DN1004	DN1005	DN1006	DN1007	DN1008	DN1009	DN1010	DN1011	DN1012	DN1013	DN1014	DN1015	DN1016	DN1017	DN1018	DN1019	DN1020	DN1021	DN1022	DN1023	DN1024	DN1025	DN1026	DN1027	DN1028	DN1029	DN1030	DN1031	DN1032	DN1033	DN1034	DN1035	DN1036	DN1037	DN1038	DN1039	DN1040	DN1041	DN1042	DN1043	DN1044	DN1045	DN1046	DN1047	DN1048	DN1049	DN1050	DN1051	DN1052	DN1053	DN1054	DN1055	DN1056	DN1057	DN1058	DN1059	DN1060	DN1061	DN1062	DN1063	DN1064	DN1065	DN1066	DN1067	DN1068	DN1069	DN1070	DN1071	DN1072	DN1073	DN1074	DN1075	DN1076	DN1077	DN1078	DN1079	DN1080	DN1081	DN1082	DN1083	DN1084	DN1085	DN1086	DN1087	DN1088	DN1089	DN1090	DN1091	DN1092	DN1093	DN1094	DN1095	DN1096	DN1097	DN1098	DN1099	DN1100	DN1101	DN1102	DN1103	DN1104	DN1105	DN1106	DN1107	DN1108	DN1109	DN1110	DN1111	DN1112	DN1113	DN1114	DN1115	DN1116	DN1117	DN1118	DN1119	DN1120	DN1121	DN1122	DN1123	DN1124	DN1125	DN1126	DN1127	DN1128	DN1129	DN1130	DN1131	DN1132	DN1133	DN1134	DN1135	DN1136	DN1137	DN1138	DN1139	DN1140	DN1141	DN1142	DN1143	DN1144	DN1145	DN1146	DN1147	DN1148	DN1149	DN1150	DN1151	DN1152	DN1153	DN1154	DN1155	DN1156	DN1157	DN1158	DN1159	DN1160	DN1161	DN1162	DN1163	DN1164	DN1165	DN1166	DN1167	DN1168	DN1169	DN1170	DN1171	DN1172	DN1173	DN1174	DN1175	DN1176	DN1177	DN1178	DN1179	DN1180	DN1181	DN1182	DN1183	DN1184	DN1185	DN1186	DN1187	DN1188	DN1189	DN1190	DN1191	DN1192	DN1193	DN1194	DN1195	DN1196	DN1197	DN1198	DN1199	DN1200	DN1201	DN1202	DN1203	DN1204	DN1205	DN1206	DN1207	DN1208	DN1209	DN1210	DN1211	DN1212	DN1213	DN1214	DN1215	DN1216	DN1217	DN1218	DN1219	DN1220	DN1221	DN1222	DN1223	DN1224	DN1225	DN1226	DN1227	DN1228	DN1229	DN1230	DN1231	DN1232	DN1233	DN1234	DN1235	DN1236	DN1237	DN1238	DN1239	DN1240	DN1241	DN1242	DN1243	DN1244	DN1245	DN1246	DN1247	DN1248	DN1249	DN1250	DN1251	DN1252	DN1253	DN1254	DN1255	DN1256	DN1257	DN1258	DN1259	DN1260	DN1261	DN1262	DN1263	DN1264	DN1265	DN1266	DN1267	DN1268	DN1269	DN1270	DN1271	DN1272	DN1273	DN1274	DN1275	DN1276	DN1277	DN1278	DN1279	DN1280	DN1281	DN1282	DN1283	DN1284	DN1285	DN1286	DN1287	DN1288	DN1289	DN1290	DN1291	DN1292	DN1293	DN1294	DN1295	DN1296	DN1297	DN1298	DN1299	DN1300	DN1301	DN1302	DN1303	DN1304	DN1305	DN1306	DN1307	DN1308	DN1309	DN1310	DN1311	DN1312	DN1313	DN1314	DN1315	DN1316	DN1317	DN1318	DN1319	DN1320	DN1321	DN1322	DN1323	DN1324	DN1325	DN1326	DN1327	DN1328	DN1329	DN1330	DN1331	DN1332	DN1333	DN1334	DN1335	DN1336	DN1337	DN1338	DN1339
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1:1 PLASTER MIXTURES ARE USED INSTEAD OF PLASTER
1:1 PLASTER MIXTURES ARE USED INSTEAD OF PLASTER
1:1 PLASTER MIXTURES ARE USED INSTEAD OF PLASTER

NEW PIPELINES					LIST OF FITTINGS REQUIRED	
Gravel	Subst. M.	SYMBOLS	ENT. CO. LINE	ENT. NEW LINE	DETAILS	ENT + ENT
			PIPE JOINT	PIPE JOINT		1 FLANGED JOINT ENT 1 FLANGED JOINT NEW 1 FLANGED JOINT ENT
291		ENT DIS	DI	DI		1 FLANGED JOINT ENT 1 FLANGED JOINT NEW 1 FLANGED JOINT ENT
292		ENT DIS	PE	DI		1 FLANGED JOINT ENT 1 FLANGED JOINT NEW 1 FLANGED JOINT ENT
293		ENT DIS	DI	PE		1 FLANGED JOINT ENT 1 FLANGED JOINT NEW 1 FLANGED JOINT ENT
294		ENT DIS	PE	PE		1 FLANGED JOINT ENT 1 FLANGED JOINT NEW 1 FLANGED JOINT ENT

11) HANDED REPORT SHALL BE RETURNED TO THE OFFICE OF THE
SOCIETY OF PROFESSIONAL ENGINEERS
22) ACCEPTANCE OF THE REPORT SHALL BE MADE BY THE
APPROPRIATE BOARD OF PROFESSIONAL ENGINEERS
23) THE BOARD OF PROFESSIONAL ENGINEERS SHALL BE REQUIRED TO
REVIEW THE REPORT AND SHALL BE REQUIRED TO
APPROVE THE REPORT
24) THE BOARD OF PROFESSIONAL ENGINEERS SHALL BE REQUIRED TO
REVIEW THE REPORT AND SHALL BE REQUIRED TO
APPROVE THE REPORT

DN4
DN2[illegible]

ΥΑΛΙΝΟΝ ΥΔΡΟΝ ΕΛΑΙΟΝ



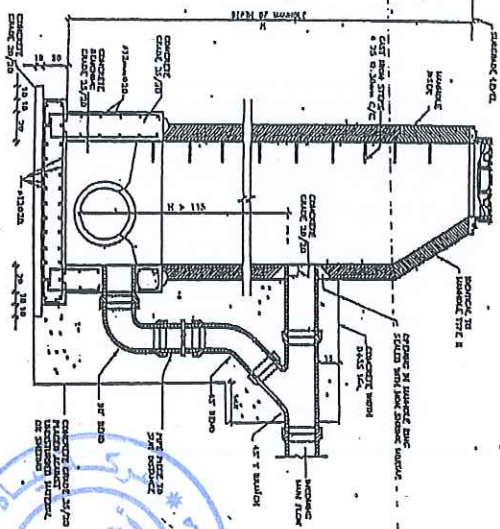
YAFELIOUK WATER BOTTLES

574

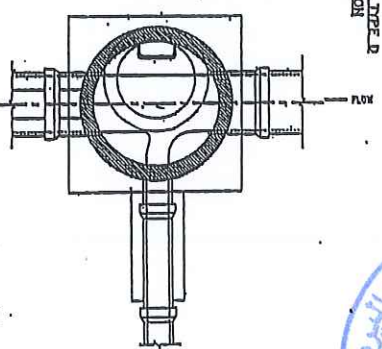
Schedule of Corporate Debt: Bond List

一

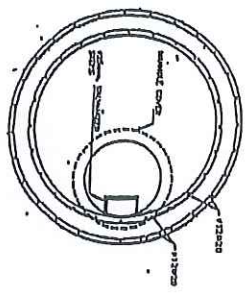
五



MANHOLE TYPE D
SECTION

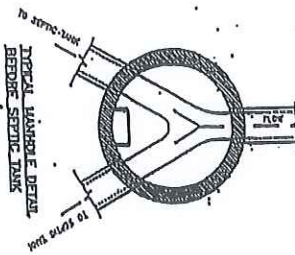


MANHOLE TYPE D
PLAN

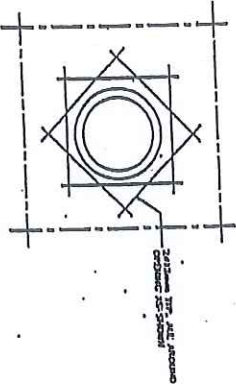


CONFIDENTIAL

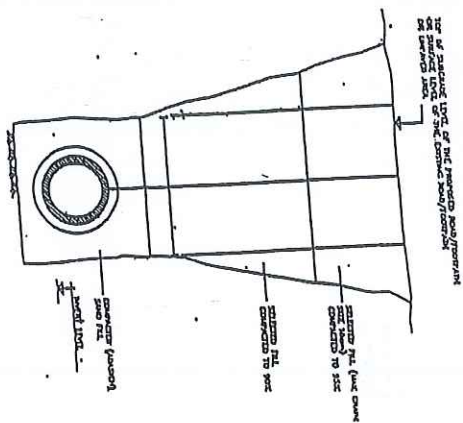
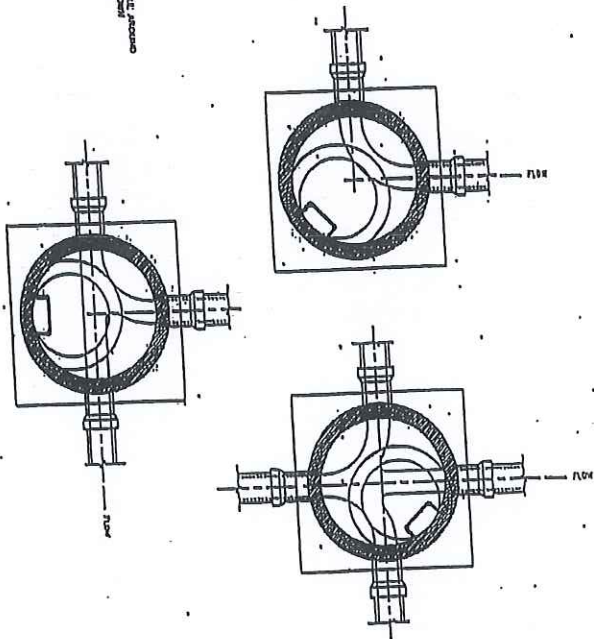
THE MERCHANTS BANK OF JORDAN
MINISTRY OF WATER & IRRIGATION
ZARDUK WATER CO. (LLC)



TYPICAL DETAIL OF ADDITIONAL REINFORCEMENT
AROUND PIPE OPENING IN MANHOLE WALLS

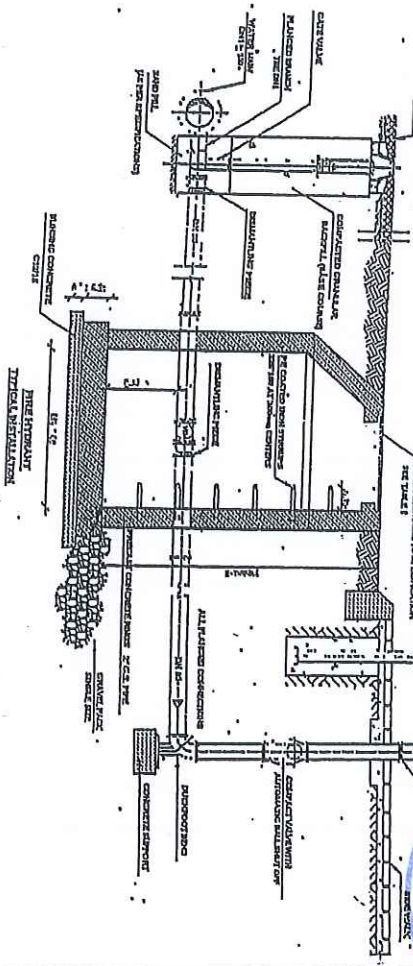
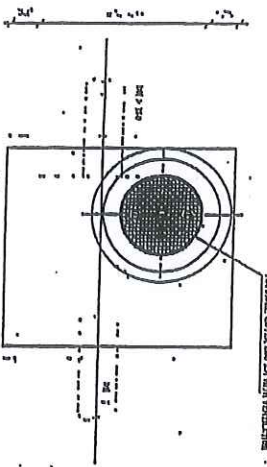
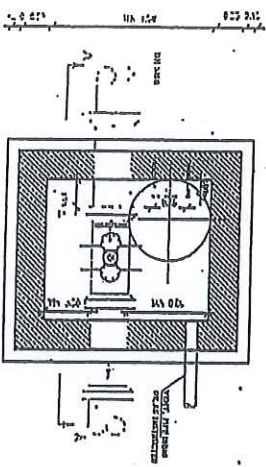
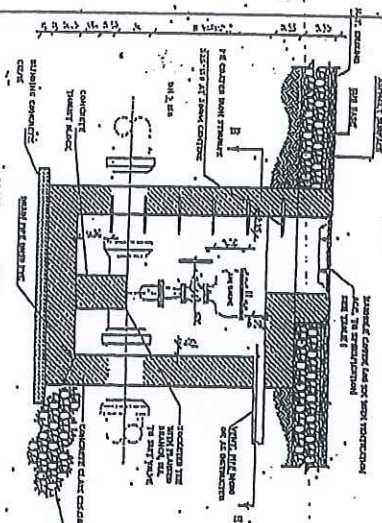
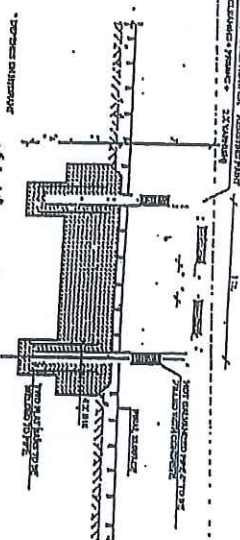
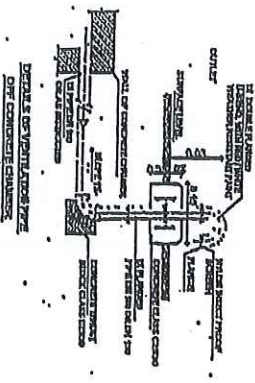


TYPICAL WHOLE BENCHING



PIPE SUBSEQUENT DETAIL

[illegible]

[illegible][illegible]

- | Mass line
DI | GRADE
DI | TYPE |
|-----------------|-------------|--------|
| 100 - 150 | 40 | SINGLE |
| 200 - 500 | 50 | DOUBLE |
| 400 - 500 | 30 - | DOUBLE |

Mass line DI	GRADE DI	TYPE
100 - 150	40	SINGLE
200 - 500	50	DOUBLE
400 - 500	30 -	DOUBLE

04-11-1987	100 - 300	600
	400 - 600	300
	> 600	1000

04-11-1987	100 - 300	600
	400 - 600	300
	> 600	1000

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Project

Project

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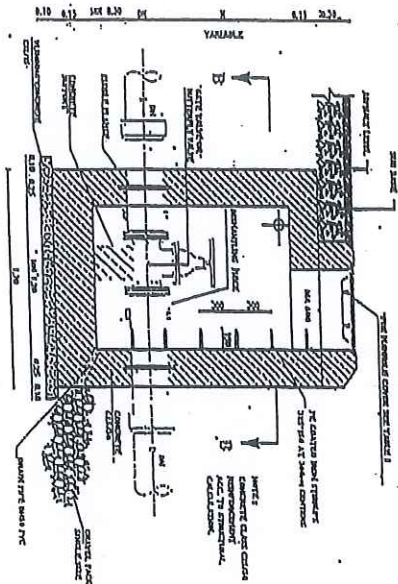
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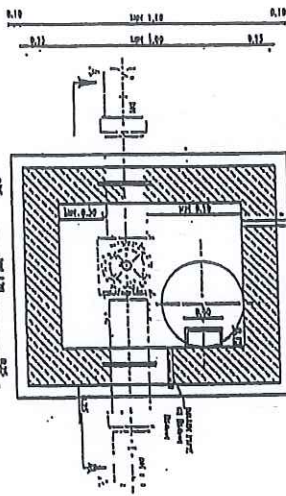
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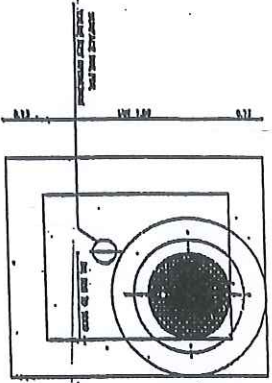
CONCRETE CHAMBER FOR VALVES OF DN 2-200



SECTION A-A

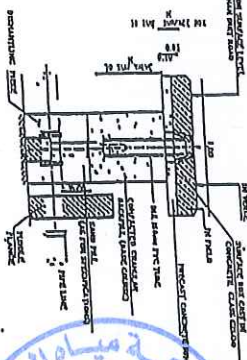
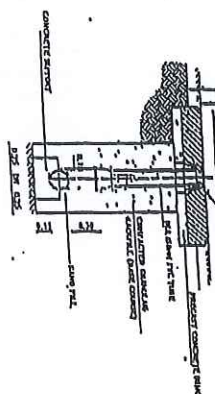


SECTION B-B

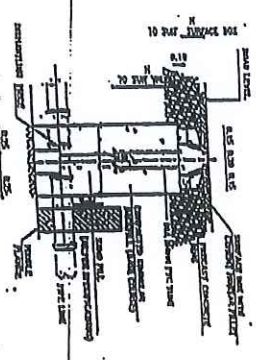
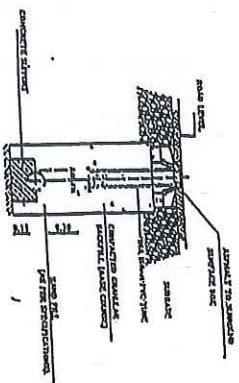


TOP VIEW

GATE VALVE IN FIELD OR VERGE FOR DN 5-150



GATE VALVE IN ROUNDS FOR DN 5-150



1- TOTAL COSTING SHALL BE SUBMITTED TO THE OFFICE OF THE PROJECT MANAGER FOR APPROVAL.

2- ALL MATERIALS AND WORKMANSHIP SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE PROJECT MANAGER.

3- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES.

4- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES.

5- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES.

6- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES.

7- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES.

8- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES.

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	PRICE	TOTAL
100	CONCRETE	100	m ³	100	10000
200	STEEL	200	kg	200	40000
300	PIPE	300	m	300	90000
400	FLANGE	400	pc	400	160000
500	WELDED	500	m	500	250000

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	PRICE	TOTAL
100	CONCRETE	100	m ³	100	10000
200	STEEL	200	kg	200	40000
300	PIPE	300	m	300	90000
400	FLANGE	400	pc	400	160000
500	WELDED	500	m	500	250000

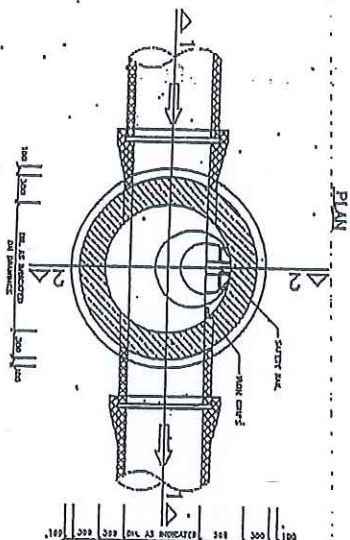
THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES.

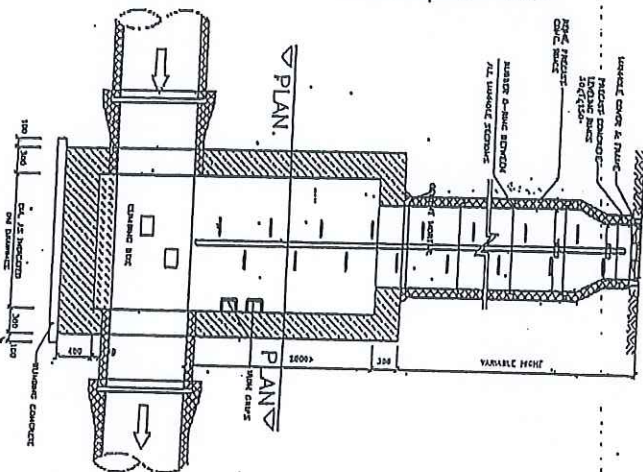
THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES.

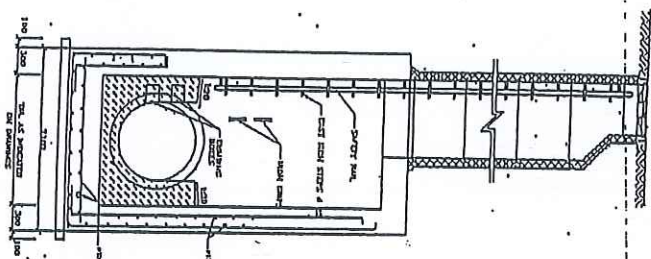
TYPICAL DEEP MANHOLE (CAST IN-SITU)



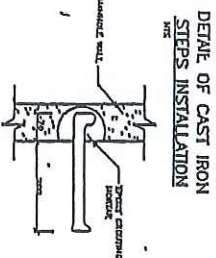
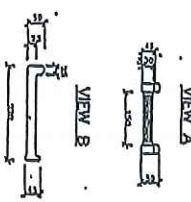
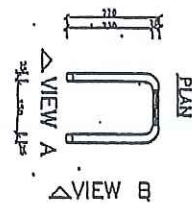
SECTION 1-1



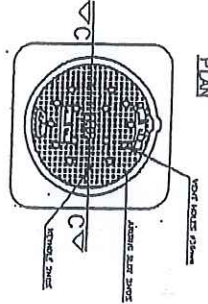
SECTION 2-2



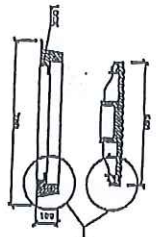
TYPICAL MANHOLE CAST IRON STEP FOR DEEP MANHOLES



HEAVY DUTY CAST (Material non recyclable) VENTILATED & LOCKABLE COVER AND FRAME

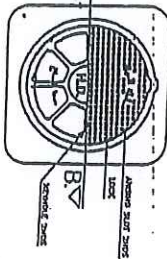


SECTION C-C



SEE DETAIL "A"

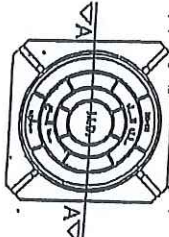
HEAVY DUTY CAST (Material non recyclable) COVER AND FRAME



SECTION B-B



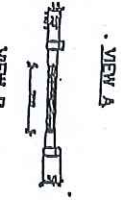
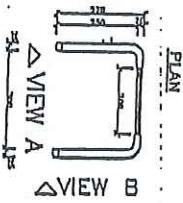
MEDIUM DUTY CAST (Material non recyclable) COVER AND FRAME



SECTION A-A



TYPICAL MANHOLE CAST IRON STEP



NOTES

- 1- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE INDICATED.
- 2- BENCHING TO BE RISED UP TO THE PREP CROWN LEVEL.
- 3- IRON COUPLER AND CLIMBING BRICKS TO BE PROVIDED FOR PILES NO 700 AND GREATER.
- 4- SAFETY RAIL SHALL BE USED FOR MANHOLES DEEPER THAN 5.00 METERS MANHOLES DEEPER THAN 5.00 METERS.
- 5- FOR DEEP TRENCHES SHOULD USE SHEET PILES.

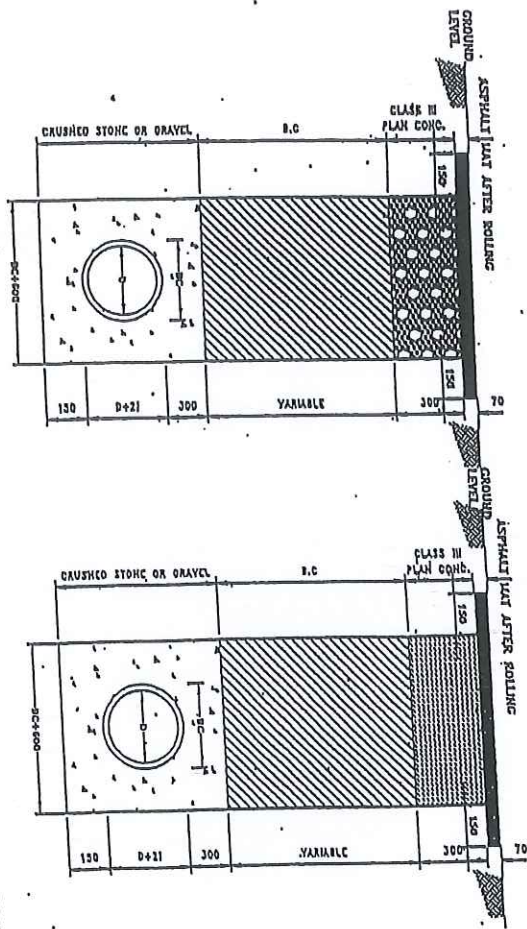


THE STANDARD HANDBOOK OF JORDANIAN MINISTRY OF WATER & IRRIGATION JORDANIAN WATER CO. (J.W.C.)



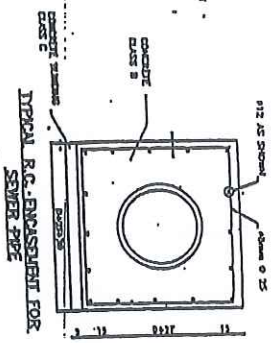
STANDARD DETAILS

Sheet No. 1

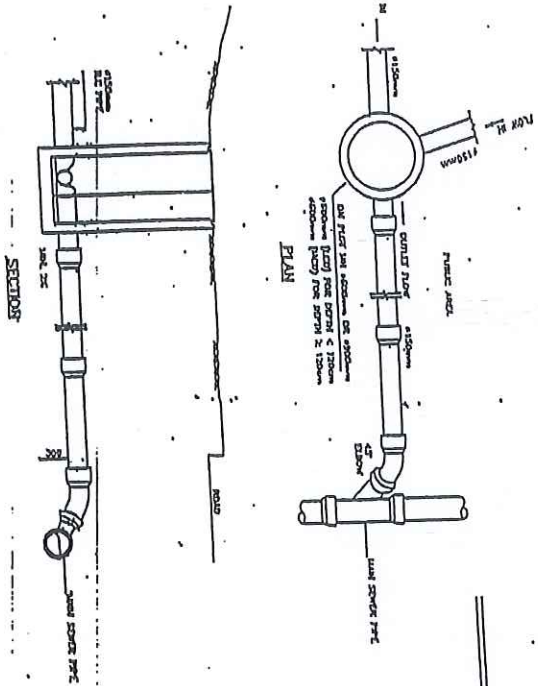


TYPICAL TRENCH CROSS SECTION
ALONG THE PAVED ROAD
PER TO SPEC

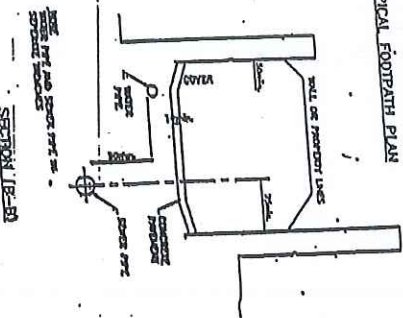
TYPICAL TRENCH LONGITUDINAL & CROSS SECTION
ACROSS THE PAVED ROAD
And in the streets of the Irbid Municipality



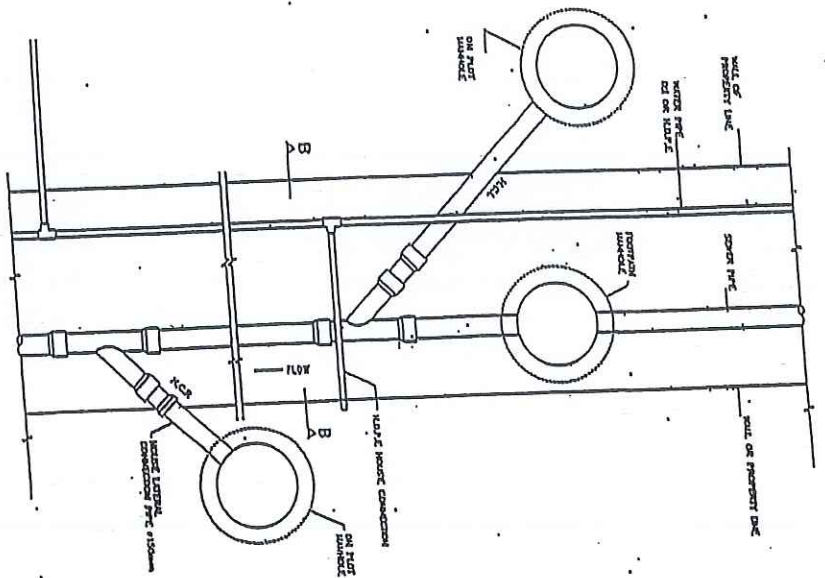
TYPICAL R.C. MANHOLE FOR
SEWER PIPE



TYPICAL TRENCH LONGITUDINAL & CROSS SECTION



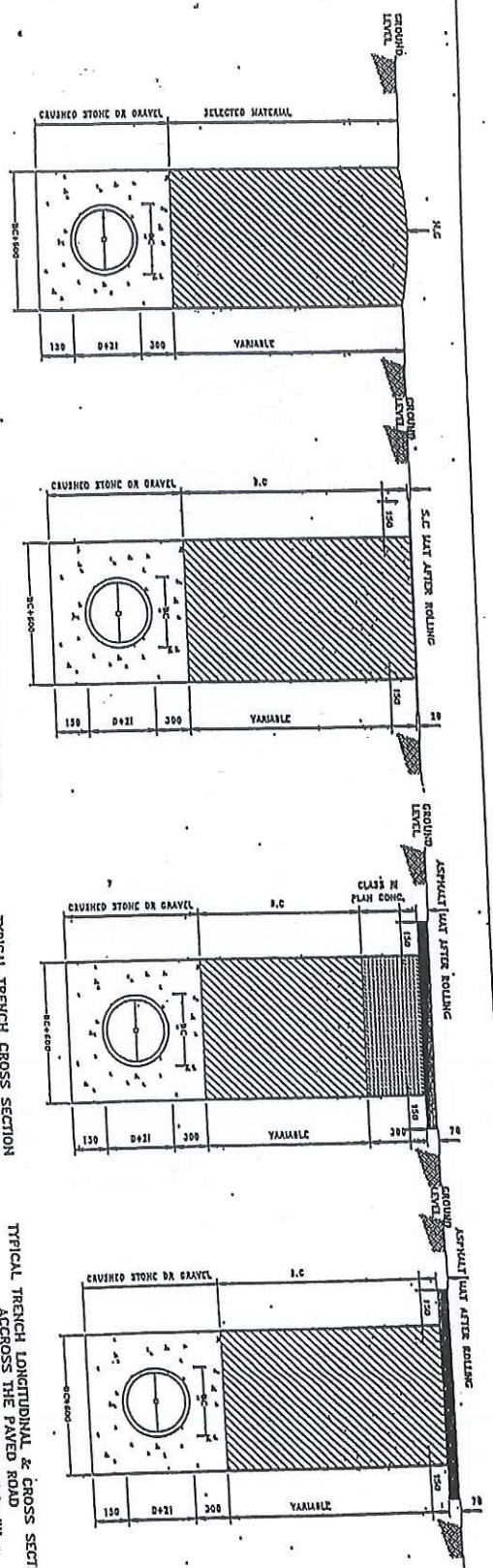
TYPICAL FOOTPATH PLAN



TYPICAL TRENCH LONGITUDINAL & CROSS SECTION



STANDARD DETAILS			
Sewer Lines			
TRENCH WIDTH CO. (1.5)			
NO.	DATE	BY	CHK.
1	2010	2010	2010
2	2010	2010	2010
3	2010	2010	2010
4	2010	2010	2010
5	2010	2010	2010
6	2010	2010	2010
7	2010	2010	2010
8	2010	2010	2010
9	2010	2010	2010
10	2010	2010	2010

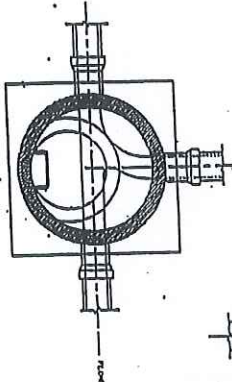
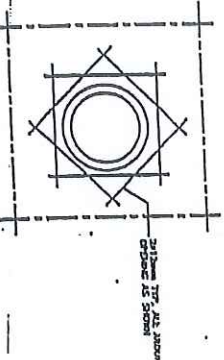
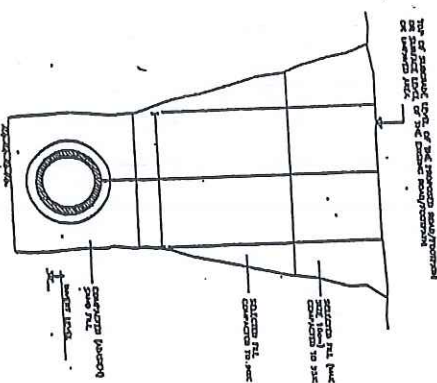
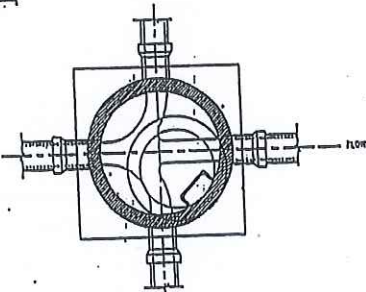
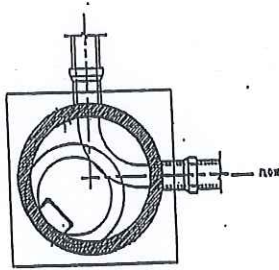
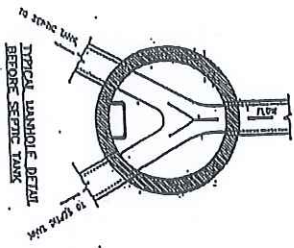


TYPICAL TRENCH CROSS SECTION-
ALONG THE PAVED ROAD
And in the streets All municipalities
except Irbid Municipality

TYPICAL TRENCH LONGITUDINAL & CROSS SECTION
ACROSS THE PAVED ROAD
And in the streets All municipalities
except Irbid Municipality

TYPICAL TRENCH CROSS SECTION
ALONG THE PAVED ROAD
All provinces

TYPICAL TRENCH LONGITUDINAL & CROSS SECTION
ACROSS THE PAVED ROAD
And in the streets All municipalities
except Irbid Municipality



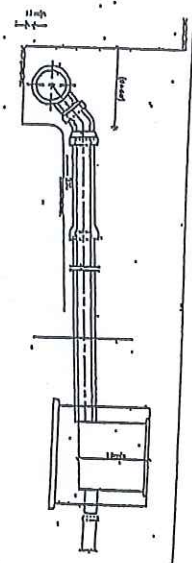
TYPICAL DETAIL OF ADDITIONAL SEWER,
AROUND SEWER OPENING IN PAVED ROAD

TYPICAL MANHOLE DETAIL

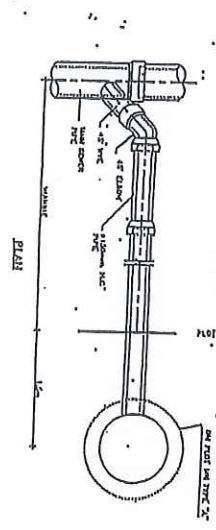
PPE ENLIGHTEN DETAIL

THE HARBANIE JORDAN OF JORDAN MINISTRY OF WATER & ELECTRICITY HARBANIE WATER CO. LTD.			
STANDARD DETAILS Sewer Pipes			
CONSTRUCTION 1 HARBANIE WATER CO. LTD.			
NO.	DATE	BY	CHK
1	2023	10/10/23	10/10/23
2	2023	10/10/23	10/10/23
3	2023	10/10/23	10/10/23
4	2023	10/10/23	10/10/23
5	2023	10/10/23	10/10/23
6	2023	10/10/23	10/10/23
7	2023	10/10/23	10/10/23
8	2023	10/10/23	10/10/23
9	2023	10/10/23	10/10/23
10	2023	10/10/23	10/10/23



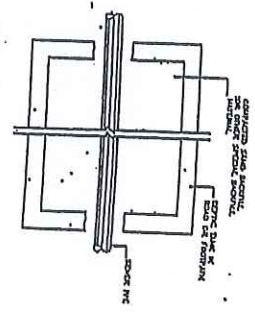


SECTION

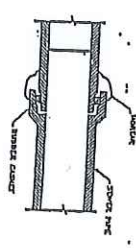


PLAN

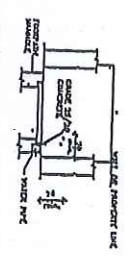
SERVICE LATERAL FOR HOUSE CONNECTION



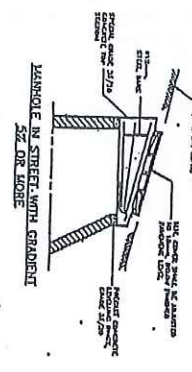
DETAIL OF EXISTING CESSPIT CROSSING



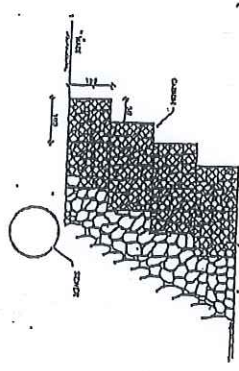
DETAIL OF LIFTING JOINTS WHERE CROSSING WADS



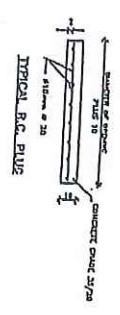
DETAIL WHERE WATER PIPE CAN NOT PASS BY FOOTPATH MANHOLE BELOW GRADE



MANHOLE IN STREET WITH GRADIENT 3% OR MORE

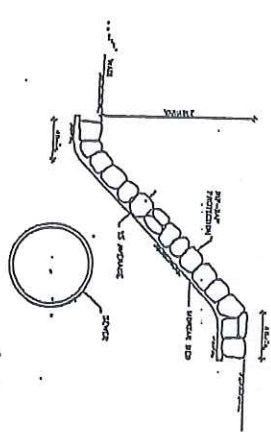
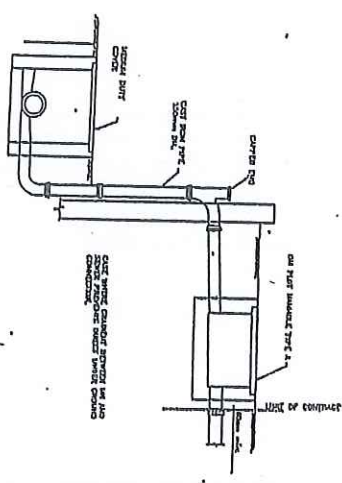


DETAIL OF CARBON PROTECTION FOR SEWERS IN WADS

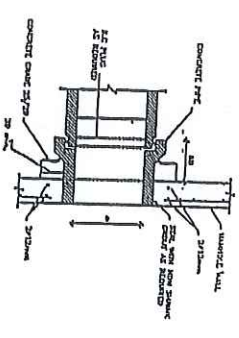


TYPICAL R.C. PIPE

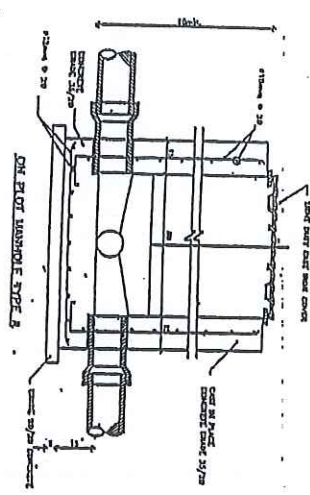
TYPICAL SECTION FOR VERTICAL LINES



DETAIL OF PRE-CAST PROTECTION FOR SEWERS IN WADS



TYPICAL DETAIL OF CONCRETE PIPE CONNECTED TO MANHOLE



ON PLOT MANHOLE TYPE A



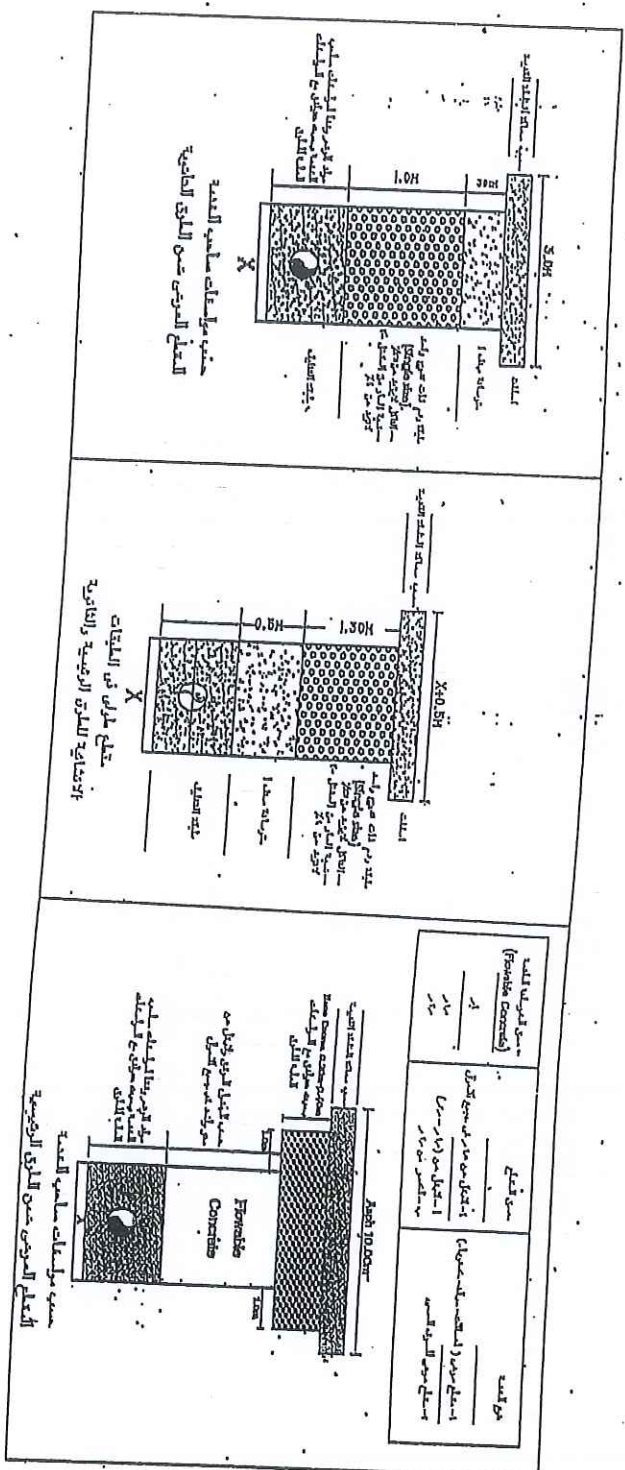
REVISION

THE HASHEMITE KINGDOM OF JORDAN
MINISTRY OF WATER & IRRIGATION
YABROUK WATER CO.(LLC)



STANDARD DETAILS
Service Lines

CONTINUATION 2



31/1/11

7.

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