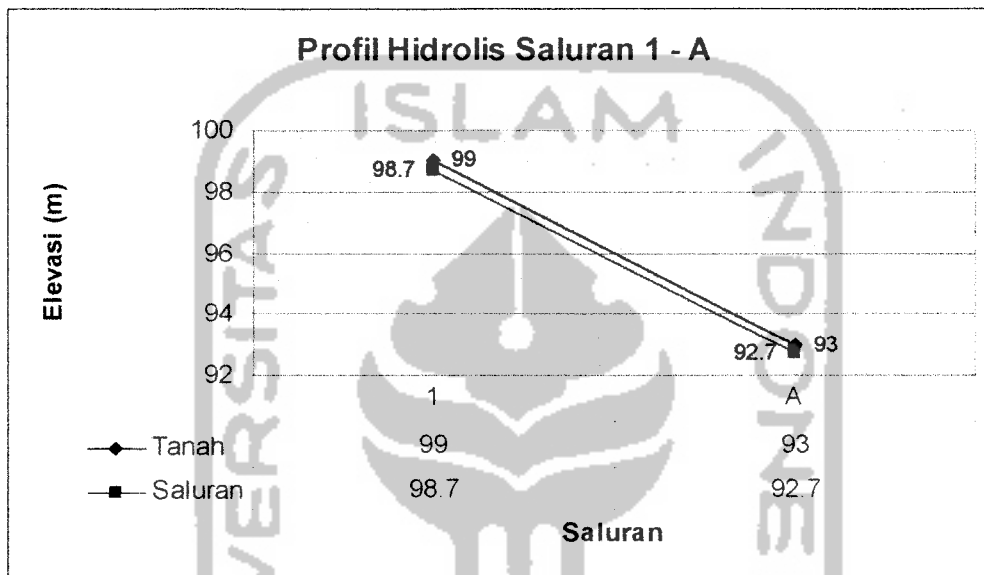


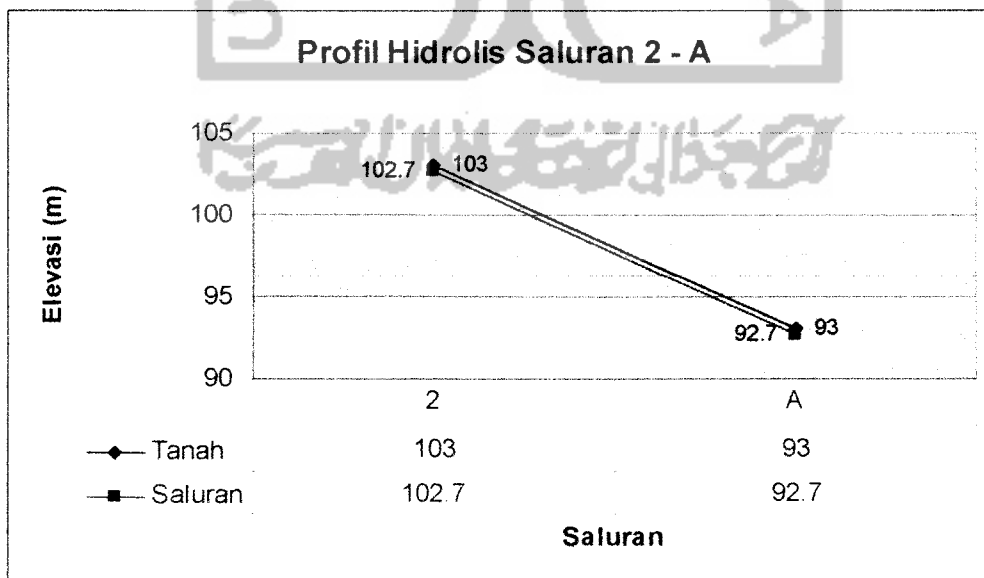
BAB VII

PROFIL HIDROLIS

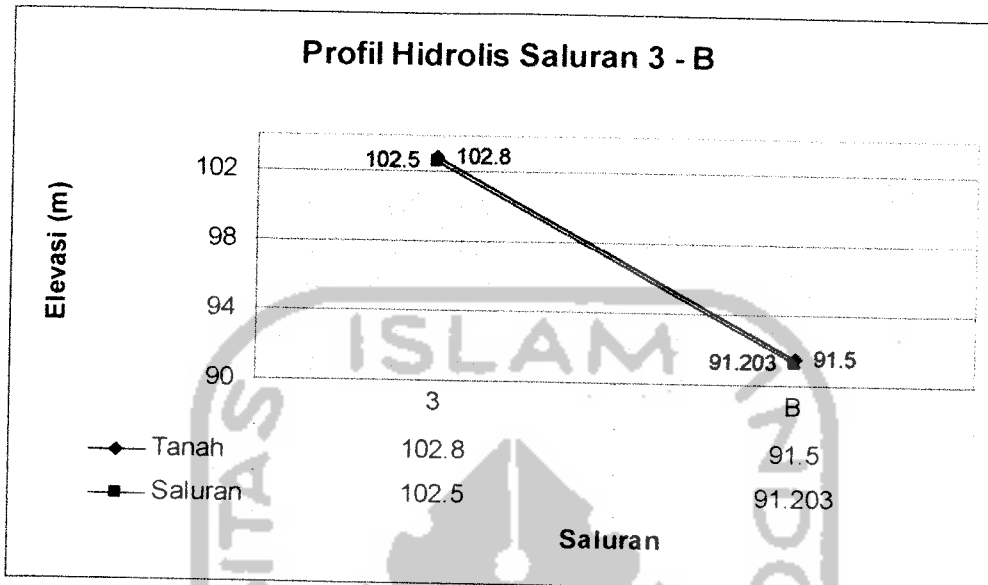
7.1. Profil Hidrolis Saluran Pipa Lateral



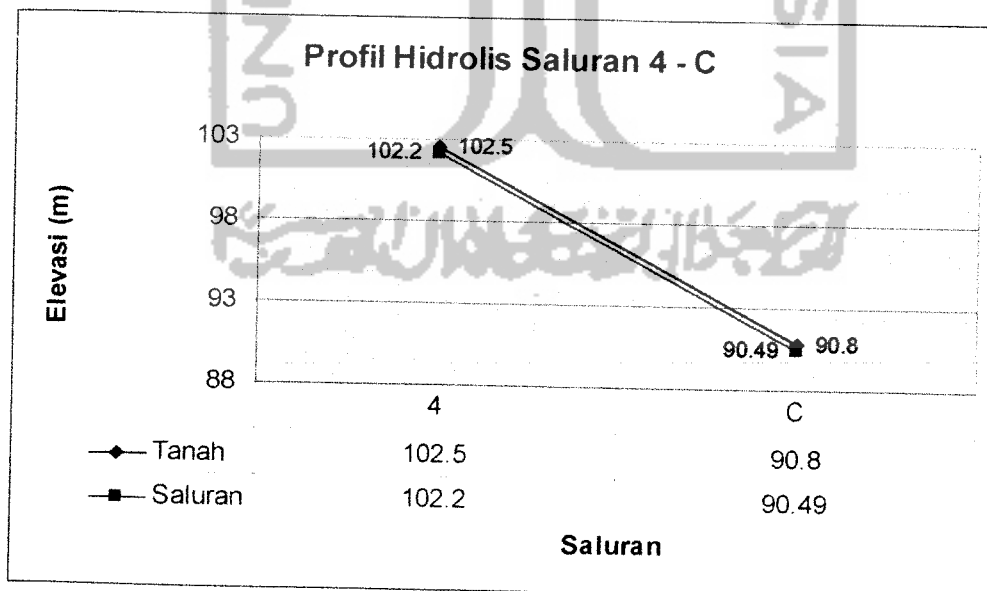
Gambar 7.1. Profil Hidrolis Saluran 1 – A



Gambar 7.2. Profil Hidrolis Saluran 2 – A



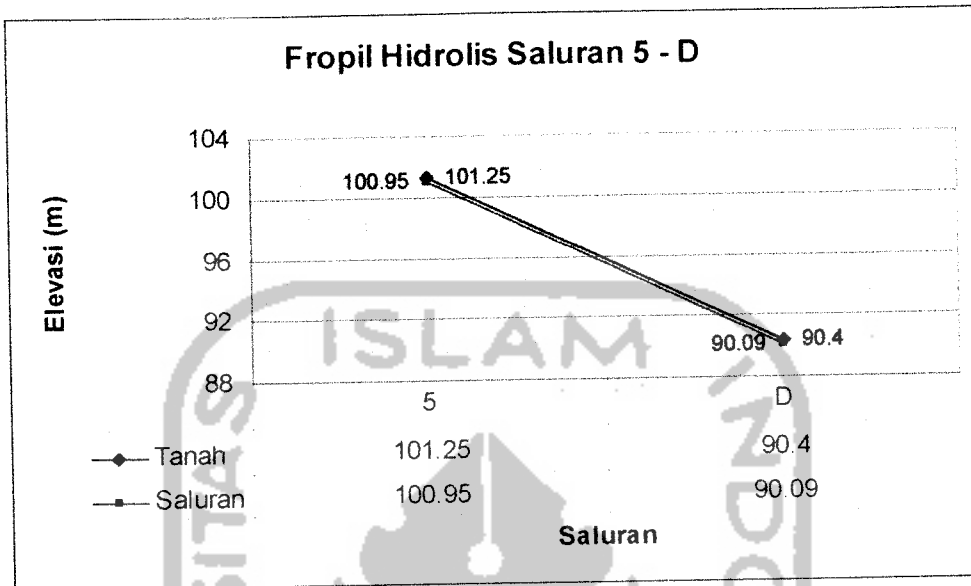
Gambar 7.3. Profil Hidrolis Saluran 3 - B



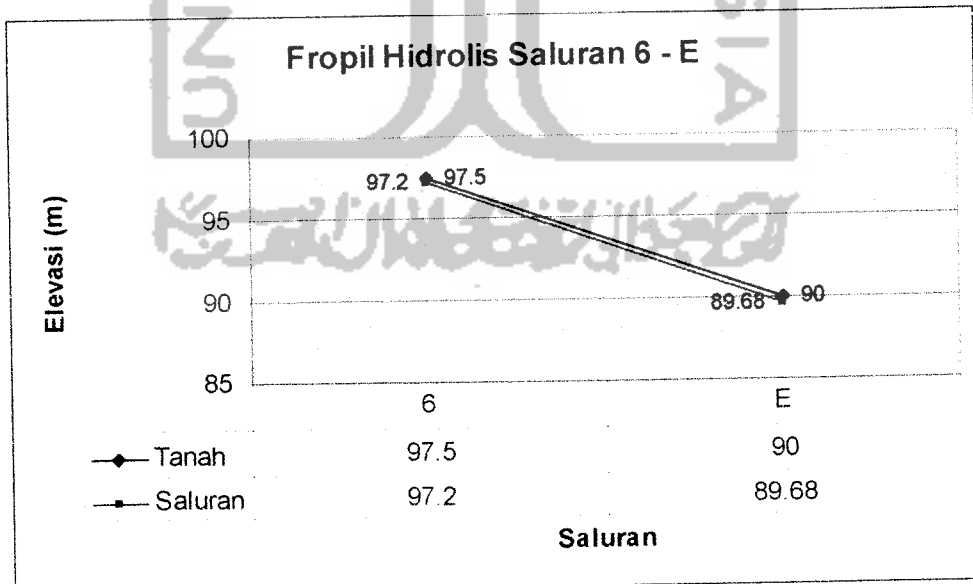
Gambar 7.4 Profil Hidrolis Saluran 4 - C

Tabel 5.17. Perhitungan Penanaman Pipa untuk saluran Main Pipe

Saluran	Ta (m)	Tr (m)	Da-r (m)	Sp (m/m)	Dp (m)	Kedalaman Sal Awal (m)	Elevasi Dasar Sal Awal (m)	ΔH (m)	Elevasi Dasar Sal Akhir (m)	Kedalaman Saluran Akhir (m)
A - B	93	91.5	75	0.0222	0.1	0.2976	92.7024	1.665	91.0374	0.4626
B - C	91.5	90.8	45	0.0159	0.1	0.4626	91.0374	0.7155	90.3219	0.4781
C - D	90.8	90.4	47	0.0101	0.1	0.4781	90.3219	0.4747	89.8472	0.5528
D - E	90.4	90	62	0.0091	0.1	0.5528	89.8472	0.5642	89.283	0.717
E - F	90	89.8	10	0.0209	0.1	0.717	89.283	0.209	89.074	0.726

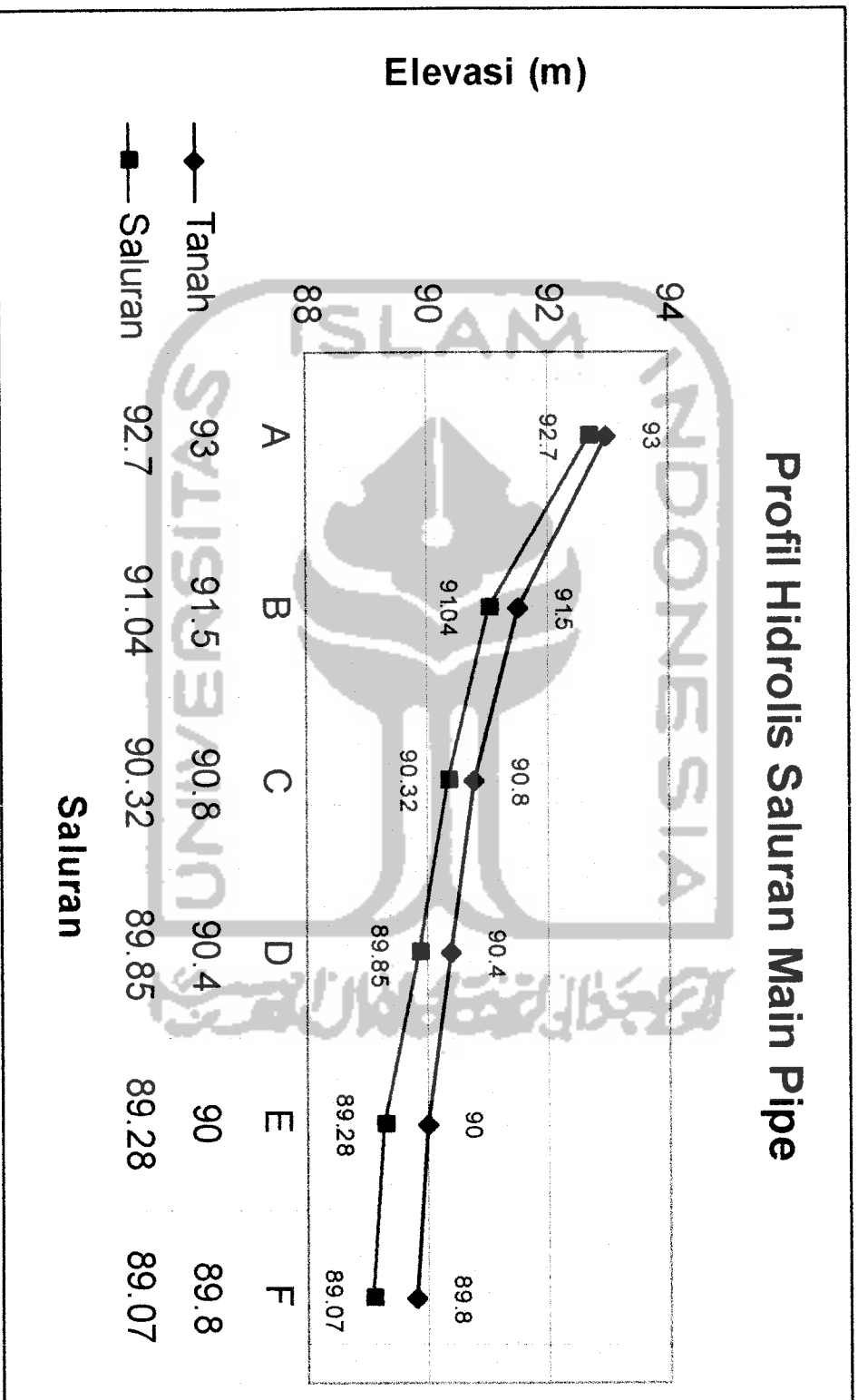


Gambar 7.5 Profil Hidrolis Saluran 5 - D



Gambar 7.6. Profil Hidrolis Saluran 6 - E

7.2. PROFIL HIDROLIS SALURAN MAIN PIPE



Gambar 7.7 Profil Hidrolis Saluran Main Pipe

Tabel 8.3. Bill Of Quantity (BOQ) Volume galian dan Volume timbunan saluran pipa lateral

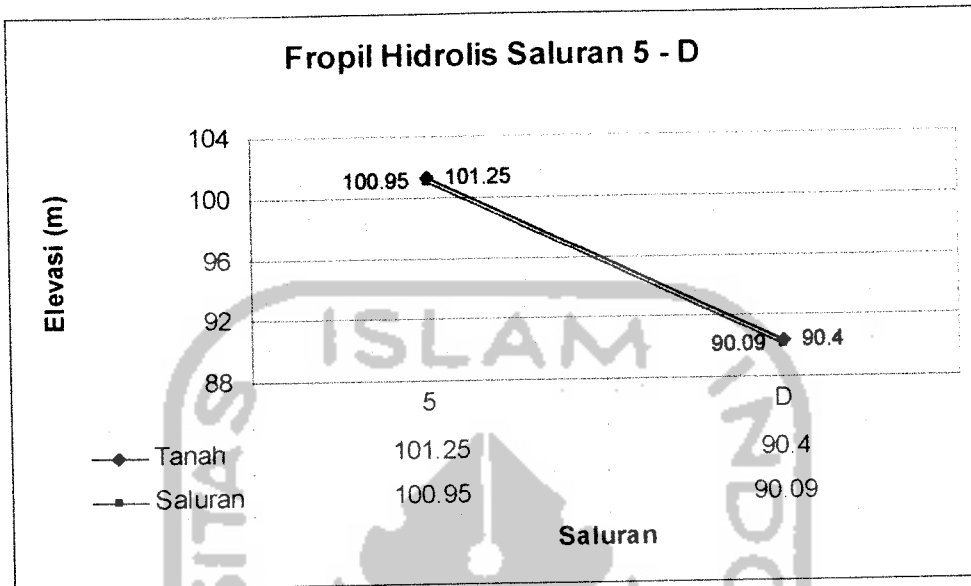
No	Jalur Pipa	Diameter Pipa (m)	Panjang Saluran (m)	Lebar Galian (m)	Kedalaman Awal (m)	Kedalaman Akhir (m)	Tinggi Beton (m)	Volume galian (m ³)	Volume Pipa (m ³)	Volume Timbunan (m ³)	Volume Beton (m ³)	Volume Urugan (m ³)
1	1-A	0.1	68	0.6	0.2	0.2976	0.225	19.33104	0.5338	18.79724	9.18	10.15104
2	2-A	0.1	100	0.6	0.2	0.29	0.225	28.2	0.785	27.415	13.5	14.7
3	3-B	0.1	130	0.6	0.2	0.297	0.225	36.933	1.0205	35.9125	17.55	19.383
4	4-C	0.1	145	0.6	0.2	0.3015	0.225	41.39025	1.13825	40.252	19.575	21.81525
5	5-D	0.1	147	0.6	0.2	0.3133	0.225	42.48153	1.15395	41.32758	19.845	22.63653
6	6-E	0.1	140	0.6	0.2	0.318	0.225	40.656	1.099	39.557	18.9	21.756

Tabel 8.4. Bill Of Quantity (BOQ) Volume galian dan Volume timbunan saluran Main pipe

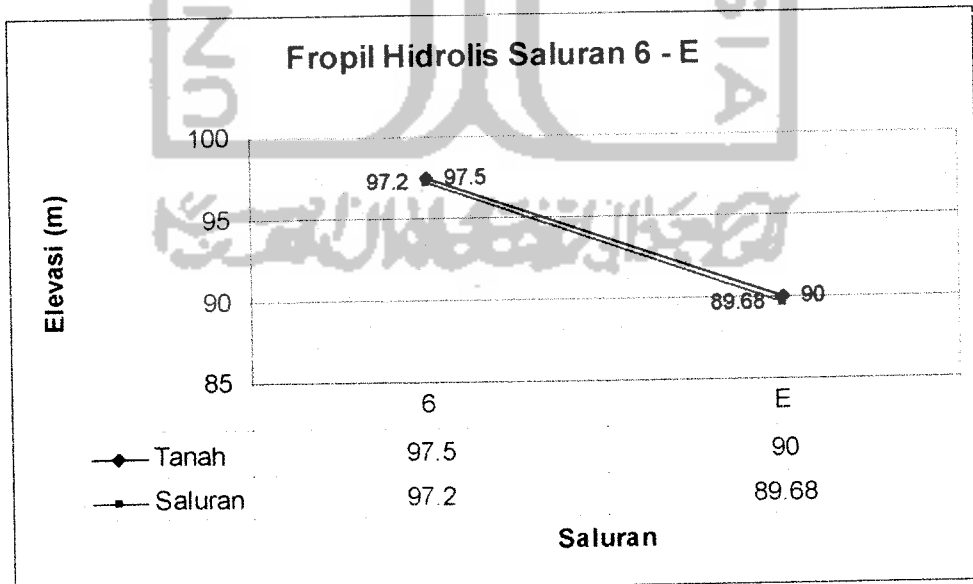
No	Jalur Pipa	Diameter Pipa (m)	Panjang Saluran (m)	Lebar Galian (m)	Kedalaman Awal (m)	Kedalaman Akhir (m)	Tinggi Beton (m)	Volume galian (m ³)	Volume Pipa (m ³)	Volume Timbunan (m ³)	Volume Beton (m ³)	Volume Urgan (m ³)
1	A-B	0.1	75	0.6	0.2976	0.4626	0.225	27.2295	0.58875	26.64075	10.125	17.1045
2	B-C	0.1	45	0.6	0.4626	0.4781	0.225	18.77445	0.35325	18.4212	6.075	12.69945
3	C-D	0.1	47	0.6	0.4781	0.5528	0.225	20.88069	0.36895	20.51174	6.345	14.53569
4	D-E	0.1	62	0.6	0.5528	0.717	0.225	31.98828	0.4867	31.50158	8.37	23.61828
5	E-F	0.1	10	0.6	0.717	0.726	0.225	5.679	0.0785	5.6005	1.35	4.329

Tabel 5.17. Perhitungan Penanaman Pipa untuk saluran Main Pipe

Saluran	Ta (m)	Tr (m)	Da-r (m)	Sp (m/m)	Dp (m)	Kedalaman Sal Awal (m)	Elevasi Dasar Sal Awal (m)	ΔH (m)	Elevasi Dasar Sal Akhir (m)	Kedalaman Saluran Akhir (m)
A - B	93	91.5	75	0.0222	0.1	0.2976	92.7024	1.665	91.0374	0.4626
B - C	91.5	90.8	45	0.0159	0.1	0.4626	91.0374	0.7155	90.3219	0.4781
C - D	90.8	90.4	47	0.0101	0.1	0.4781	90.3219	0.4747	89.8472	0.5528
D - E	90.4	90	62	0.0091	0.1	0.5528	89.8472	0.5642	89.283	0.717
E - F	90	89.8	10	0.0209	0.1	0.717	89.283	0.209	89.074	0.726

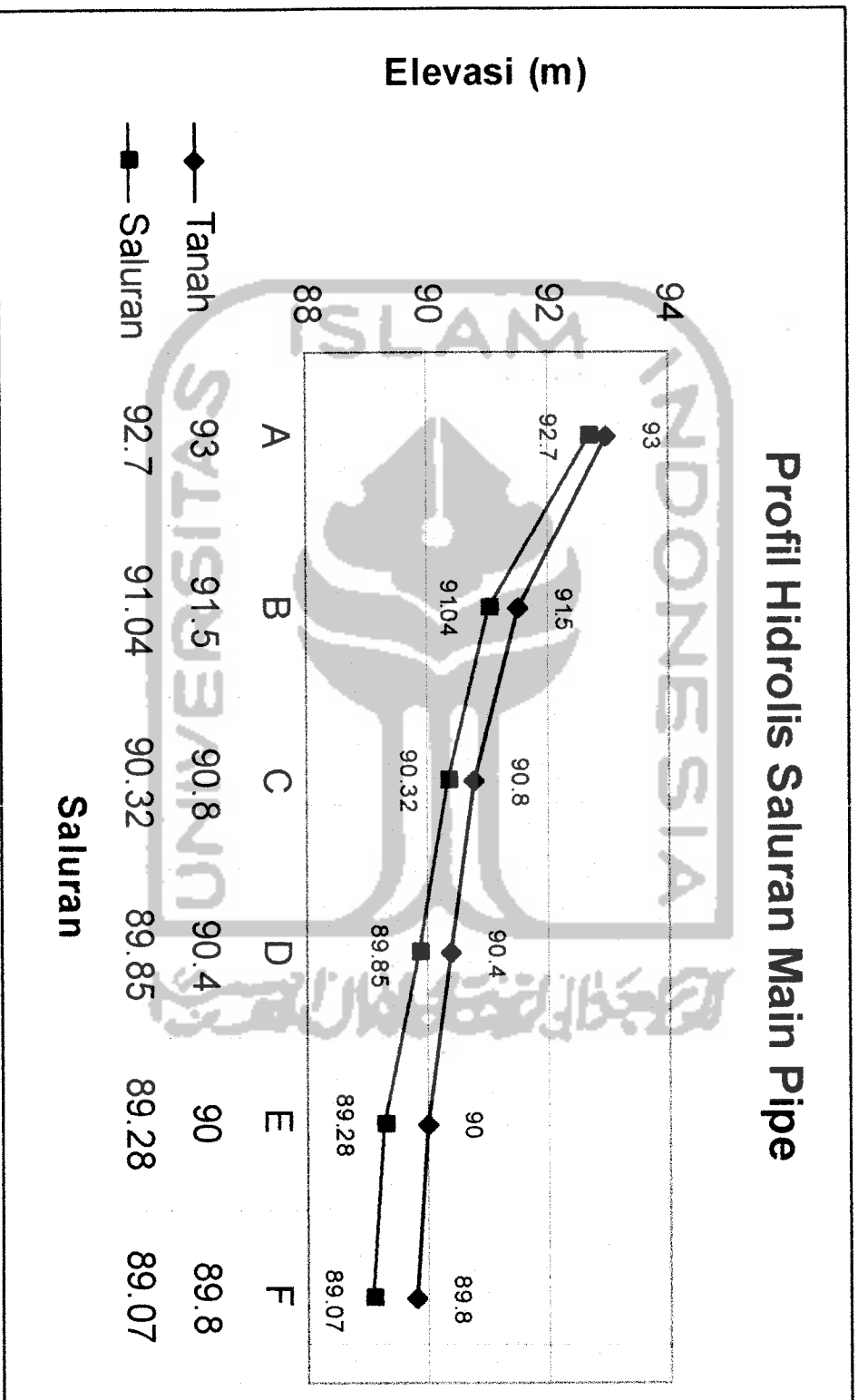


Gambar 7.5 Profil Hidrolis Saluran 5 - D



Gambar 7.6. Profil Hidrolis Saluran 6 - E

7.2. PROFIL HIDROLIS SALURAN MAIN PIPE



Gambar 7.7 Profil Hidrolis Saluran Main Pipe

Tabel 8.3. Bill Of Quantity (BOQ) Volume galian dan Volume timbunan saluran pipa lateral

No	Jalur Pipa	Diameter Pipa (m)	Panjang Saluran (m)	Lebar Galian (m)	Kedalaman Awal (m)	Kedalaman Akhir (m)	Tinggi Beton (m)	Volume galian (m ³)	Volume Pipa (m ³)	Volume Timbunan (m ³)	Volume Beton (m ³)	Volume Urugan (m ³)
1	1-A	0.1	68	0.6	0.2	0.2976	0.225	19.33104	0.5338	18.79724	9.18	10.15104
2	2-A	0.1	100	0.6	0.2	0.29	0.225	28.2	0.785	27.415	13.5	14.7
3	3-B	0.1	130	0.6	0.2	0.297	0.225	36.933	1.0205	35.9125	17.55	19.383
4	4-C	0.1	145	0.6	0.2	0.3015	0.225	41.39025	1.13825	40.252	19.575	21.81525
5	5-D	0.1	147	0.6	0.2	0.3133	0.225	42.48153	1.15395	41.32758	19.845	22.63653
6	6-E	0.1	140	0.6	0.2	0.318	0.225	40.656	1.099	39.557	18.9	21.756

Tabel 8.4. Bill Of Quantity (BOQ) Volume galian dan Volume timbunan saluran Main pipe

No	Jalur Pipa	Diameter Pipa (m)	Panjang Saluran (m)	Lebar Galian (m)	Kedalaman Awal (m)	Kedalaman Akhir (m)	Tinggi Beton (m)	Volume galian (m ³)	Volume Pipa (m ³)	Volume Timbunan (m ³)	Volume Beton (m ³)	Volume Urgan (m ³)
1	A-B	0.1	75	0.6	0.2976	0.4626	0.225	27.2295	0.58875	26.64075	10.125	17.1045
2	B-C	0.1	45	0.6	0.4626	0.4781	0.225	18.77445	0.35325	18.4212	6.075	12.69945
3	C-D	0.1	47	0.6	0.4781	0.5528	0.225	20.88069	0.36895	20.51174	6.345	14.53569
4	D-E	0.1	62	0.6	0.5528	0.717	0.225	31.98828	0.4867	31.50158	8.37	23.61828
5	E-F	0.1	10	0.6	0.717	0.726	0.225	5.679	0.0785	5.6005	1.35	4.329