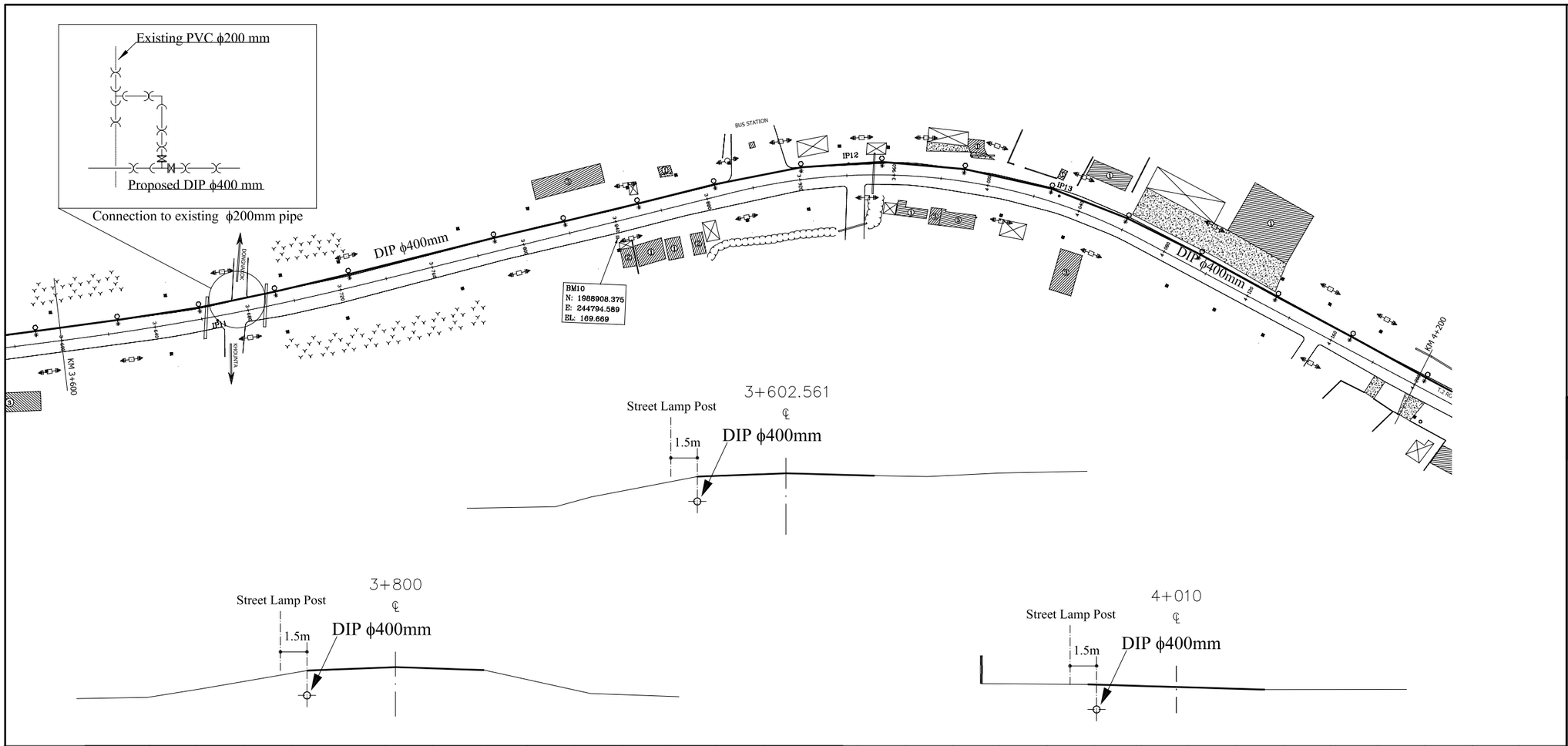
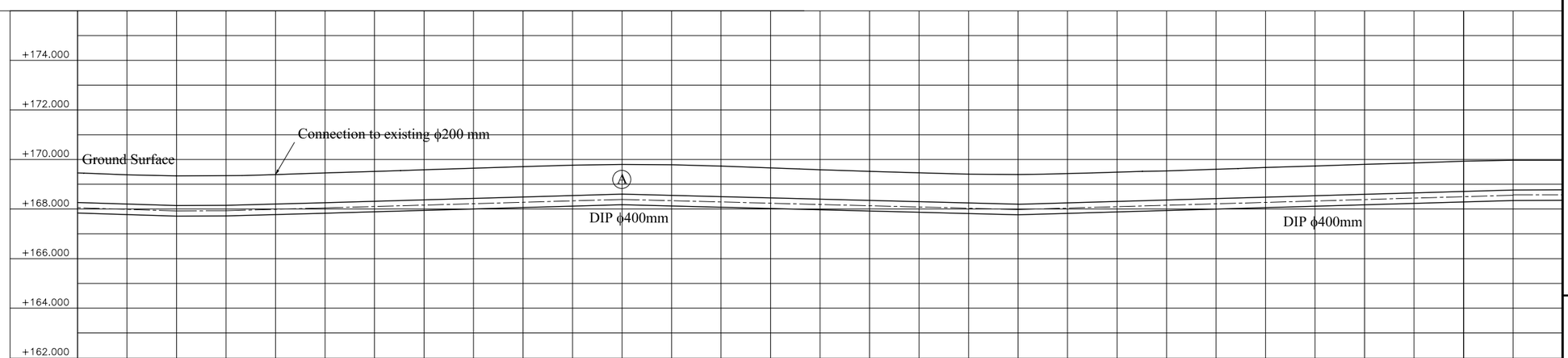




EARTH COVERING	1.195	1.181	1.200	1.200	1.190	1.200	1.205	1.211	1.220	1.226	1.229	1.200	1.237	1.236	1.213	1.188	1.176	1.167	1.160	1.201	1.181	1.182	1.174	1.183	1.196	1.200	1.208	1.207	1.219	1.200	1.192
PIPE CENTER LEVEL	168.053	169.991	167.928	167.937	167.991	168.046	168.103	168.161	168.218	168.275	168.333	168.390	168.339	168.288	168.238	168.186	168.135	168.085	168.034	167.982	168.040	168.097	168.155	168.213	168.270	168.328	168.385	168.443	168.500	168.558	168.566
SURFACE LEVEL	169.461	169.385	169.341	169.350	169.394	169.459	169.521	169.585	169.651	169.714	169.775	169.803	169.789	169.737	169.664	169.587	169.524	169.465	169.407	169.396	169.434	169.492	169.542	169.609	169.679	169.741	169.806	169.863	169.932	169.971	169.971
PIPE LINE LENGTH																															
CHAINAGE	3+600					3+700					3+800					3+900					4+000					4+100					4+200

LEGEND

- Proposed Pipe Line Route
- Air Valve
- Road Center Line
- Bank of the Existing Road
- IP1/A1 Control point
- Tree
- BM03 Bench Mark
- Wall
- Masonary & wooden house
- Wooden House
- Concrete Side Drain
- Masonary House
- Foot Path
- Metal or Wooden Fence
- Concrete Plate
- Post Pole
- Show Electricity pole
- Soil Side Drain
- Wooden Electricity pole
- Save Zone Concrete Box
- Concrete Electricity pole
- Big Steel Electricity pole
- Steel Electricity pole

THE STUDY ON
VIENTIANE WATER SUPPLY DEVELOPMENT PROJECT IN
LAO PEOPLE'S DEMOCRATIC REPUBLIC

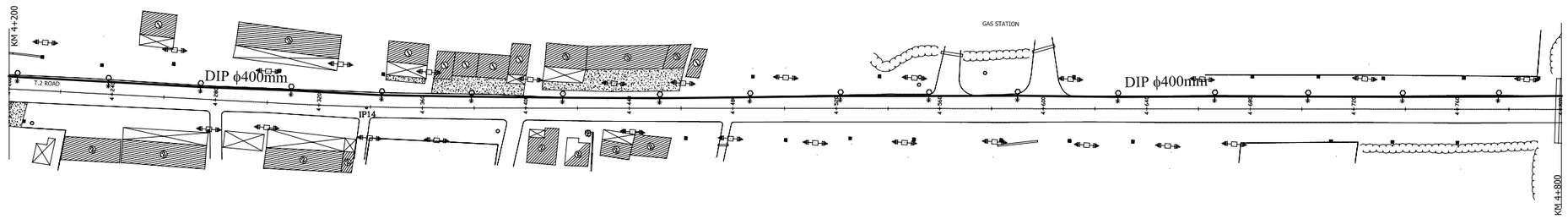
JAPAN INTERNATIONAL COOPERATION AGENCY(JICA)
NIHON SUIDO CONSULTANTS CO. LTD

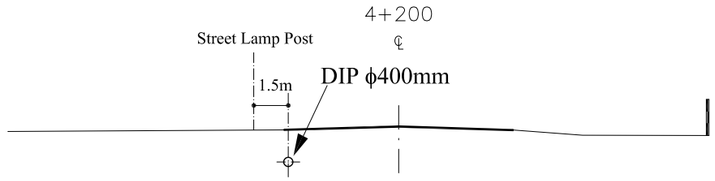
DRAWING TITLE:
Distribution Trunk Main from Kaolieo WTP to Savang Theater
Plan and Longitudinal section
STA. 3+600 TO STA. 4+200

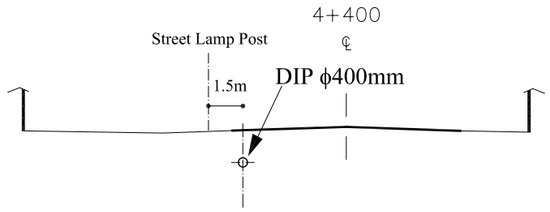
DESIGNED BY :
CHECKED BY :
DRAWN BY :
APPROVED BY :

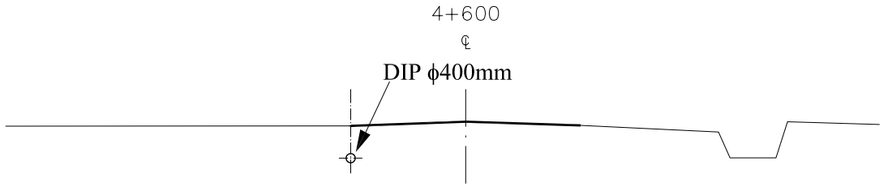
SCALE : 10m 0 20m 40m 60m HORIZONTAL SCALE.
1.0m 0 2m 4m 6m VERTICAL SCALE.

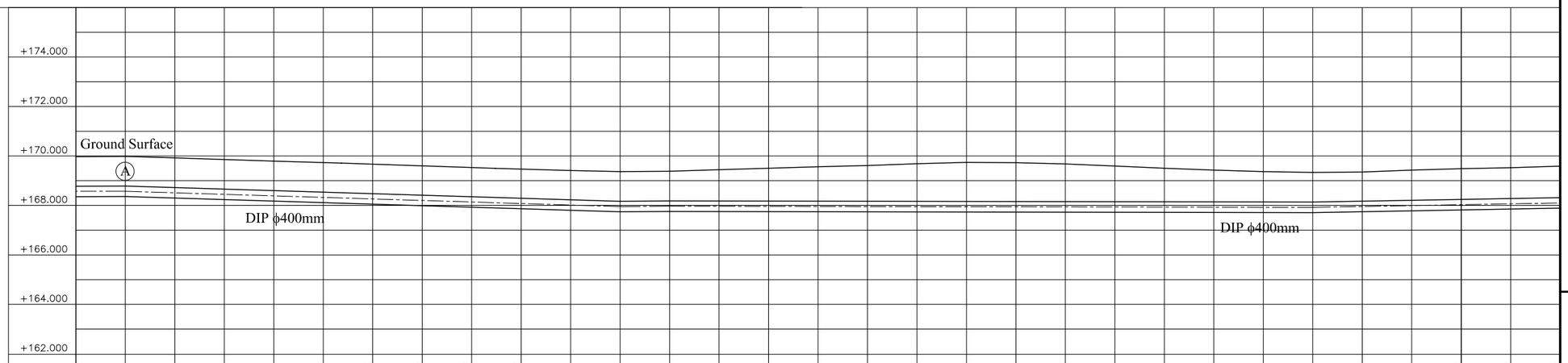
DATE:
DWG No : DM1-07











CHAINAGE	EARTH COVERING	PIPE CENTER LEVEL	SURFACE LEVEL	PIPE LINE LENGTH
4+200	1.192	168.566	169.971	
	1.200	168.574	169.987	
	1.202	168.512	169.927	
	1.193	168.450	169.856	
	1.194	168.389	169.796	
4+300	1.195	168.327	169.735	
	1.192	168.265	169.670	
	1.188	168.203	169.604	
	1.180	168.141	169.534	
	1.179	168.080	169.472	
4+400	1.184	168.018	169.415	
	1.200	167.958	169.369	
	1.200	167.972	169.385	
	1.265	167.968	169.446	
	1.329	167.965	169.507	
4+500	1.391	167.961	169.565	
	1.447	167.957	169.617	
	1.521	167.954	169.688	
	1.579	167.950	169.742	
	1.572	167.947	169.732	
4+600	1.523	167.943	169.679	
	1.444	167.939	169.596	
	1.358	167.936	169.507	
	1.287	167.932	169.432	
	1.231	167.929	169.373	
4+700	1.200	167.943	169.338	
	1.182	167.961	169.356	
	1.222	167.996	169.431	
	1.245	168.032	169.490	
	1.245	168.068	169.526	
4+800	1.273	168.104	169.590	

LEGEND

- Proposed Pipe Line Route
- Air Valve
- Road Center Line
- Bank of the Existing Road
- IP1/A1 Control point
- Tree
- BM03 Bench Mark
- Wall
- Masonary & wooden house
- Wooden House
- Concrete Side Drain
- Masonary House
- Foot Path
- Metal or Wooden Fence
- Concrete Plate
- Post Pole
- Show Electricity pole
- Soil Side Drain
- Wooden Electricity pole
- Save Zone Concrete Box
- Concrete Electricity pole
- Big Steel Electricity pole
- Steel Electricity pole

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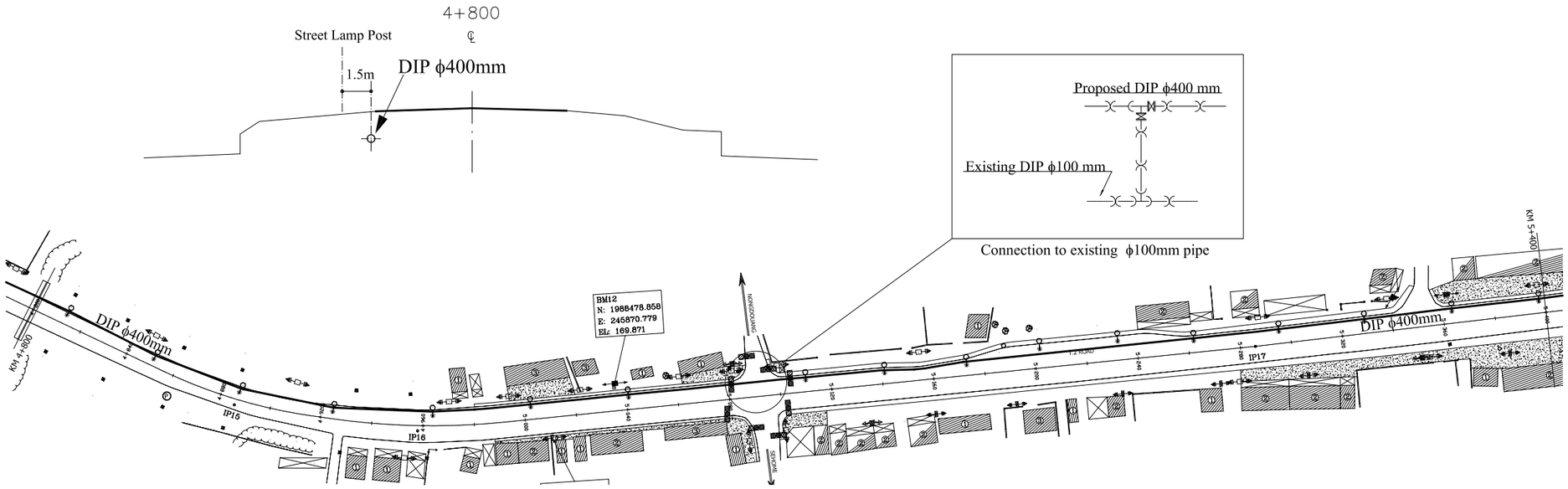
JAPAN INTERNATIONAL COOPERATION AGENCY(JICA)
NIHON SUIDO CONSULTANTS CO. LTD

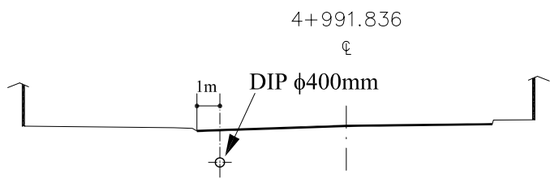
DRAWING TITLE:
Distribution Trunk Main from Kaolieo WTP to Savang Theater
Plan and Longitudinal section
STA. 4+200 TO STA. 4+800

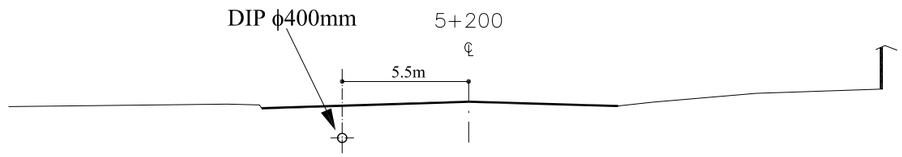
DESIGNED BY :
CHECKED BY :
DRAWN BY :
APPROVED BY :

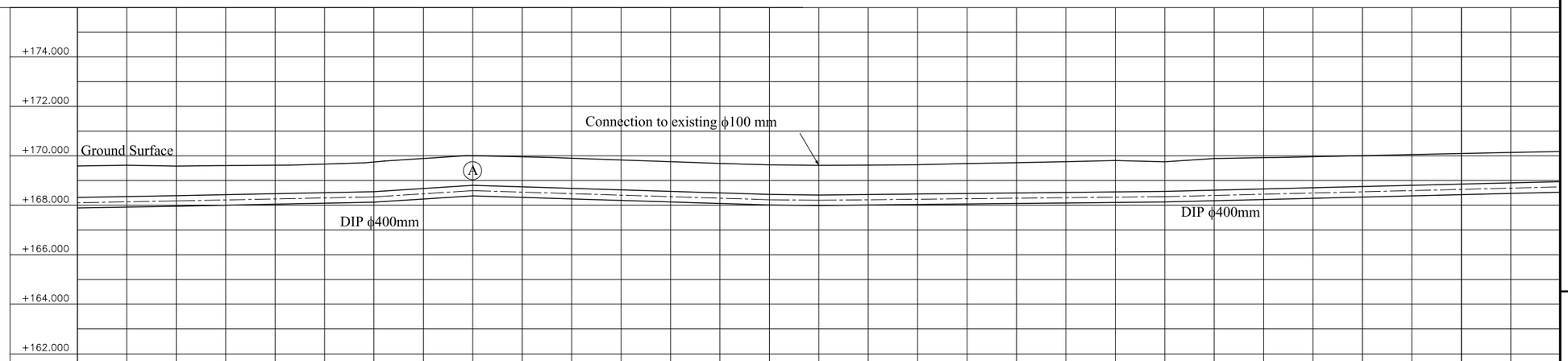
SCALE : 10m 0 20m 40m 60m HORIZONTAL SCALE.
1.0m 0 2m 4m 6m VERTICAL SCALE.

DATE:
DWG No : DM1-08









EARTH COVERING	1.273	1.270	1.200	1.178	1.152	1.158	1.200	1.214	1.200	1.215	1.221	1.212	1.203	1.195	1.200	1.200	1.186	1.184	1.208	1.223	1.245	1.270	1.200	1.280	1.270	1.255	1.248	1.246	1.238	1.233	1.222
PIPE CENTER LEVEL	168.104	168.139	168.175	168.216	168.256	168.297	168.338	168.466	168.593	168.532	168.470	168.409	168.348	168.286	168.225	168.203	168.224	168.245	168.266	168.286	168.307	168.328	168.349	168.398	168.446	168.496	168.545	168.594	168.643	168.692	168.742
SURFACE LEVEL	169.590	169.622	169.588	169.607	169.621	169.668	169.751	169.893	170.006	169.960	169.904	169.834	169.764	169.694	169.638	169.616	169.623	169.642	169.687	169.722	169.765	169.811	169.762	169.891	169.929	169.964	170.006	170.053	170.094	170.138	170.177
PIPE LINE LENGTH																															
CHAINAGE	4+800					4+900					5+000					5+100					5+200					5+300					5+400

LEGEND

- Proposed Pipe Line Route
- Air Valve
- Road Center Line
- Bank of the Existing Road
- IP1/A1 Control point
- Tree
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- Wall
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JAPAN INTERNATIONAL COOPERATION AGENCY(JICA)
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DRAWING TITLE:
Distribution Trunk Main from Kaolieo WTP to Savang Theater
Plan and Longitudinal section
STA. 4+800 TO STA. 5+400

DESIGNED BY :
CHECKED BY :
DRAWN BY :
APPROVED BY :

SCALE : 10m 0 20m 40m 60m HORIZONTAL SCALE.
1.0m 0 2m 4m 6m VERTICAL SCALE.

DATE:
DWG No : DM1-09