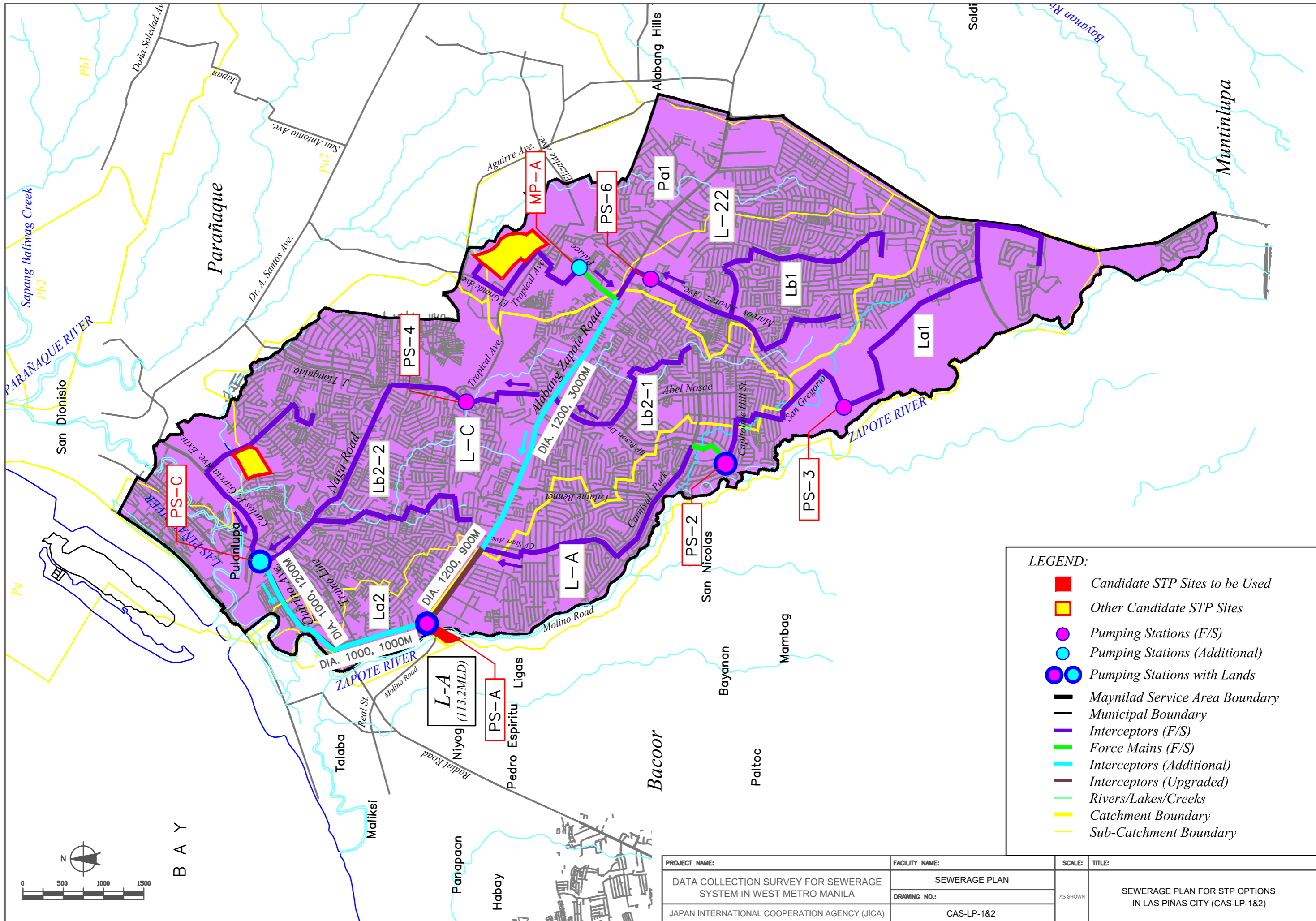


## 図面集-2

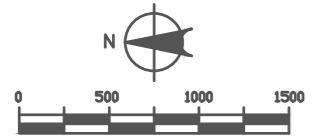
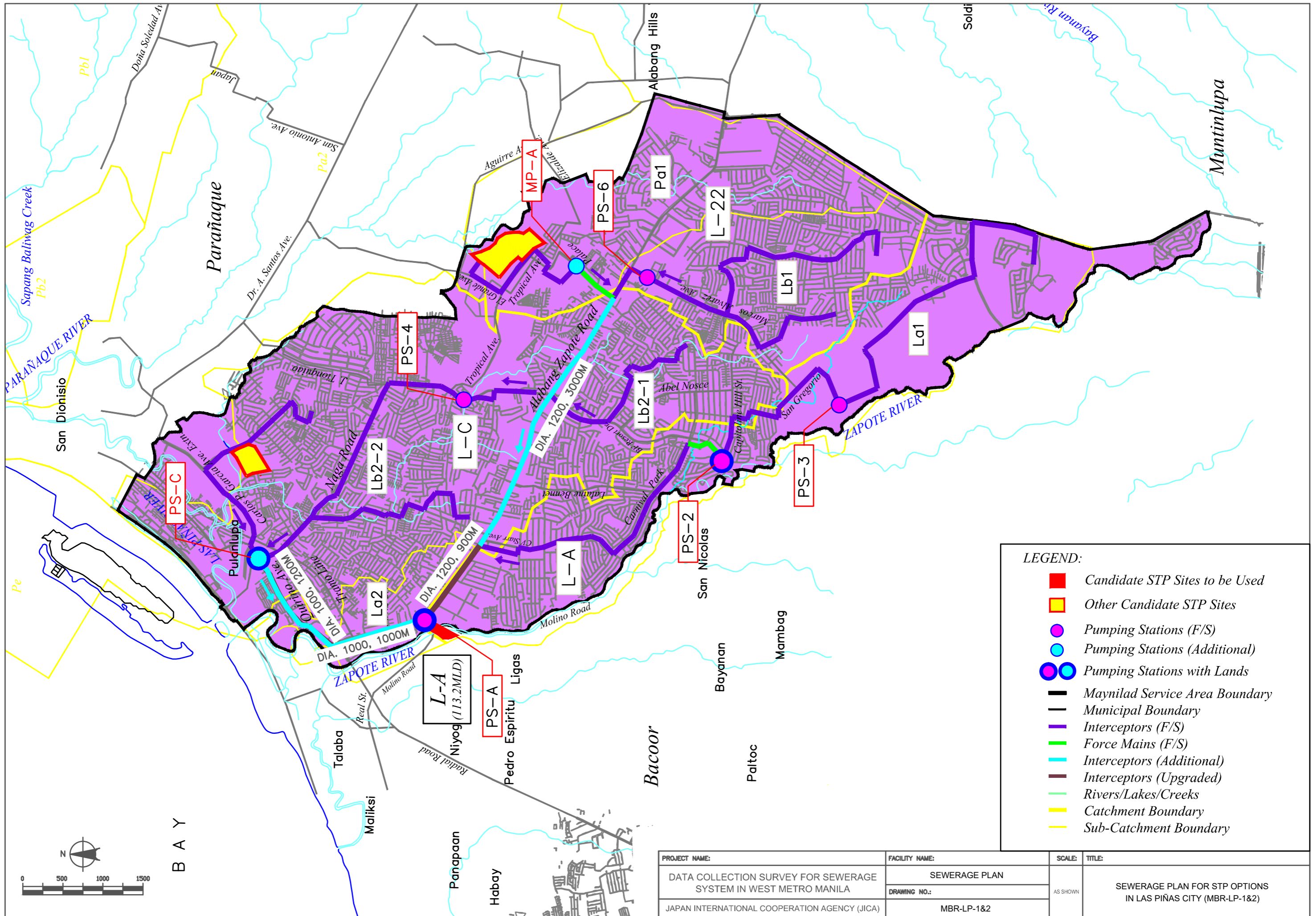
### 下水道計画図



**LEGEND:**

- Candidate STP Sites to be Used
- Other Candidate STP Sites
- Pumping Stations (F/S)
- Pumping Stations (Additional)
- Pumping Stations with Lands
- Maynilad Service Area Boundary
- Municipal Boundary
- Interceptors (F/S)
- Force Mains (F/S)
- Interceptors (Additional)
- Interceptors (Upgraded)
- Rivers/Lakes/Creeks
- Catchment Boundary
- Sub-Catchment Boundary

PROJECT NAME:	FACILITY NAME:	SCALE:	TITLE:
DATA COLLECTION SURVEY FOR SEWERAGE SYSTEM IN WEST METRO MANILA	SEWERAGE PLAN	AS SHOWN	SEWERAGE PLAN FOR STP OPTIONS IN LAS PIÑAS CITY (CAS-LP-1&2)
	DRAWING NO.:		
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	CAS-LP-1&2		

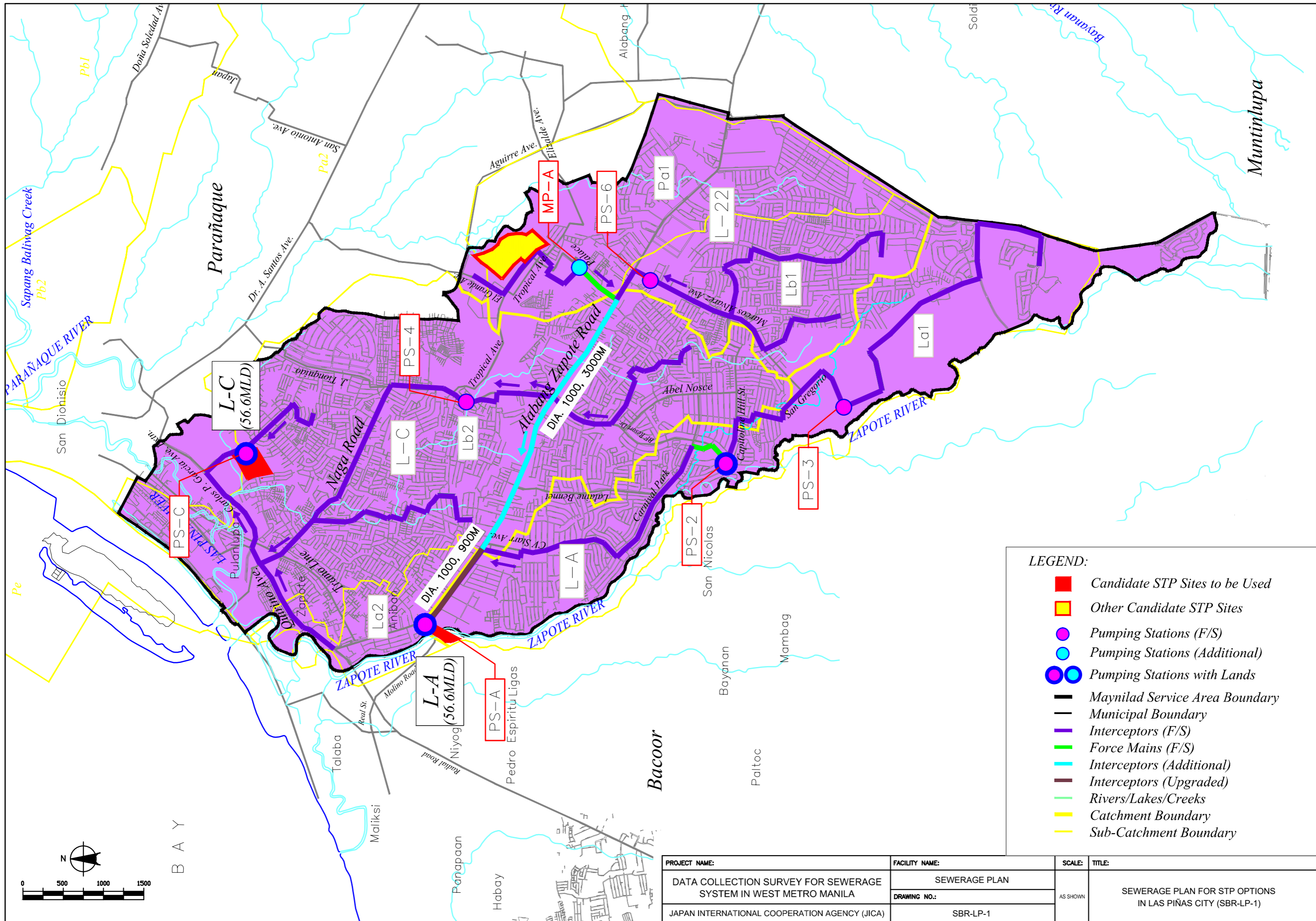


B A Y

PROJECT NAME:	FACILITY NAME:	SCALE:	TITLE:
DATA COLLECTION SURVEY FOR SEWERAGE SYSTEM IN WEST METRO MANILA	SEWERAGE PLAN	AS SHOWN	SEWERAGE PLAN FOR STP OPTIONS IN LAS PIÑAS CITY (MBR-LP-1&2)
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	DRAWING NO.: MBR-LP-1&2		

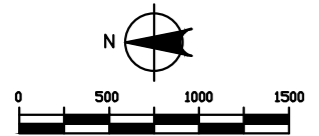
**LEGEND:**

- Candidate STP Sites to be Used
- Other Candidate STP Sites
- Pumping Stations (F/S)
- Pumping Stations (Additional)
- Pumping Stations with Lands
- Maynilad Service Area Boundary
- Municipal Boundary
- Interceptors (F/S)
- Force Mains (F/S)
- Interceptors (Additional)
- Interceptors (Upgraded)
- Rivers/Lakes/Creeks
- Catchment Boundary
- Sub-Catchment Boundary

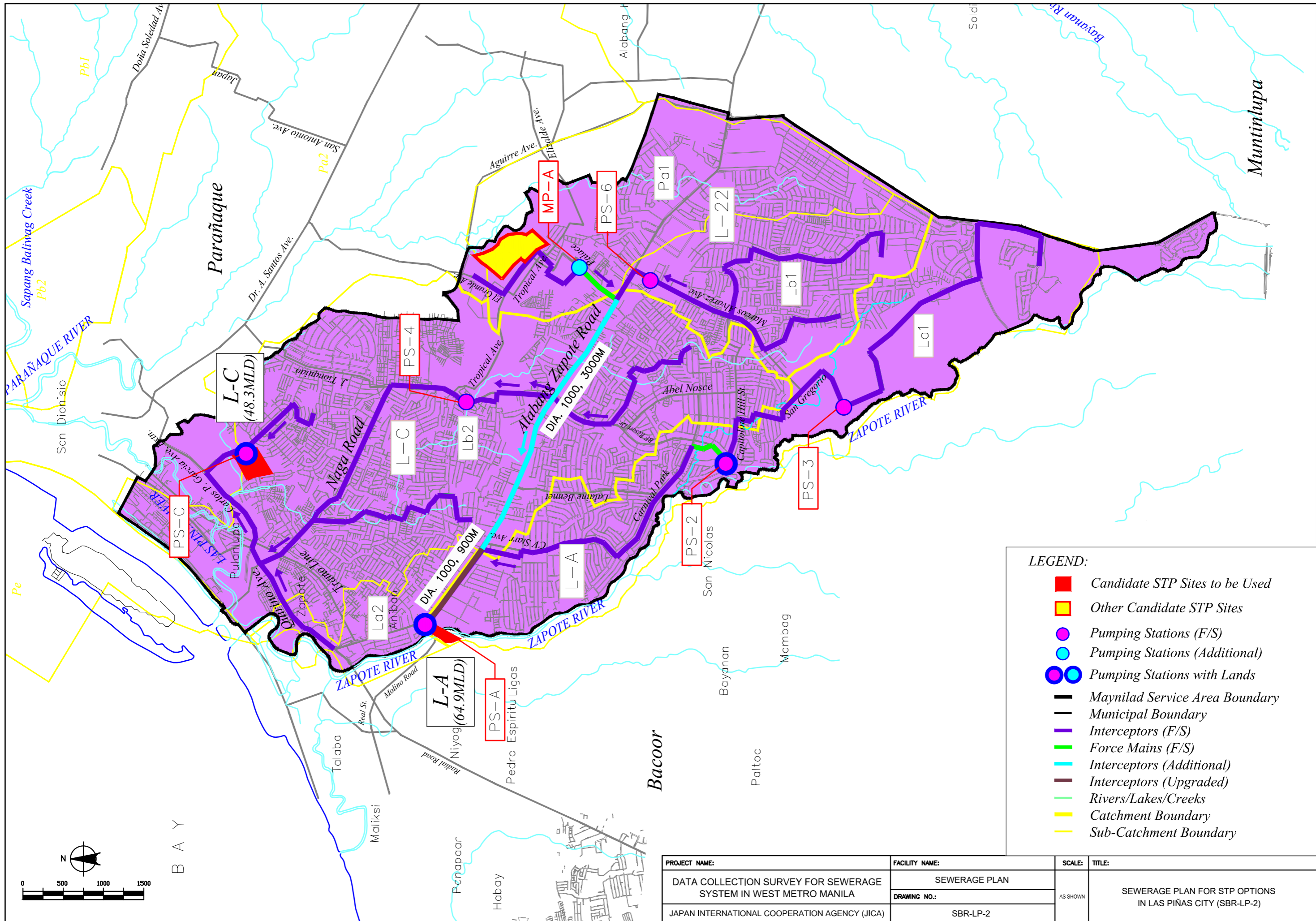


**LEGEND:**

- Candidate STP Sites to be Used
- Other Candidate STP Sites
- Pumping Stations (F/S)
- Pumping Stations (Additional)
- Pumping Stations with Lands
- Maynilad Service Area Boundary
- Municipal Boundary
- Interceptors (F/S)
- Force Mains (F/S)
- Interceptors (Additional)
- Interceptors (Upgraded)
- Rivers/Lakes/Creeks
- Catchment Boundary
- Sub-Catchment Boundary



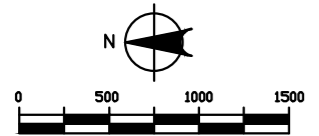
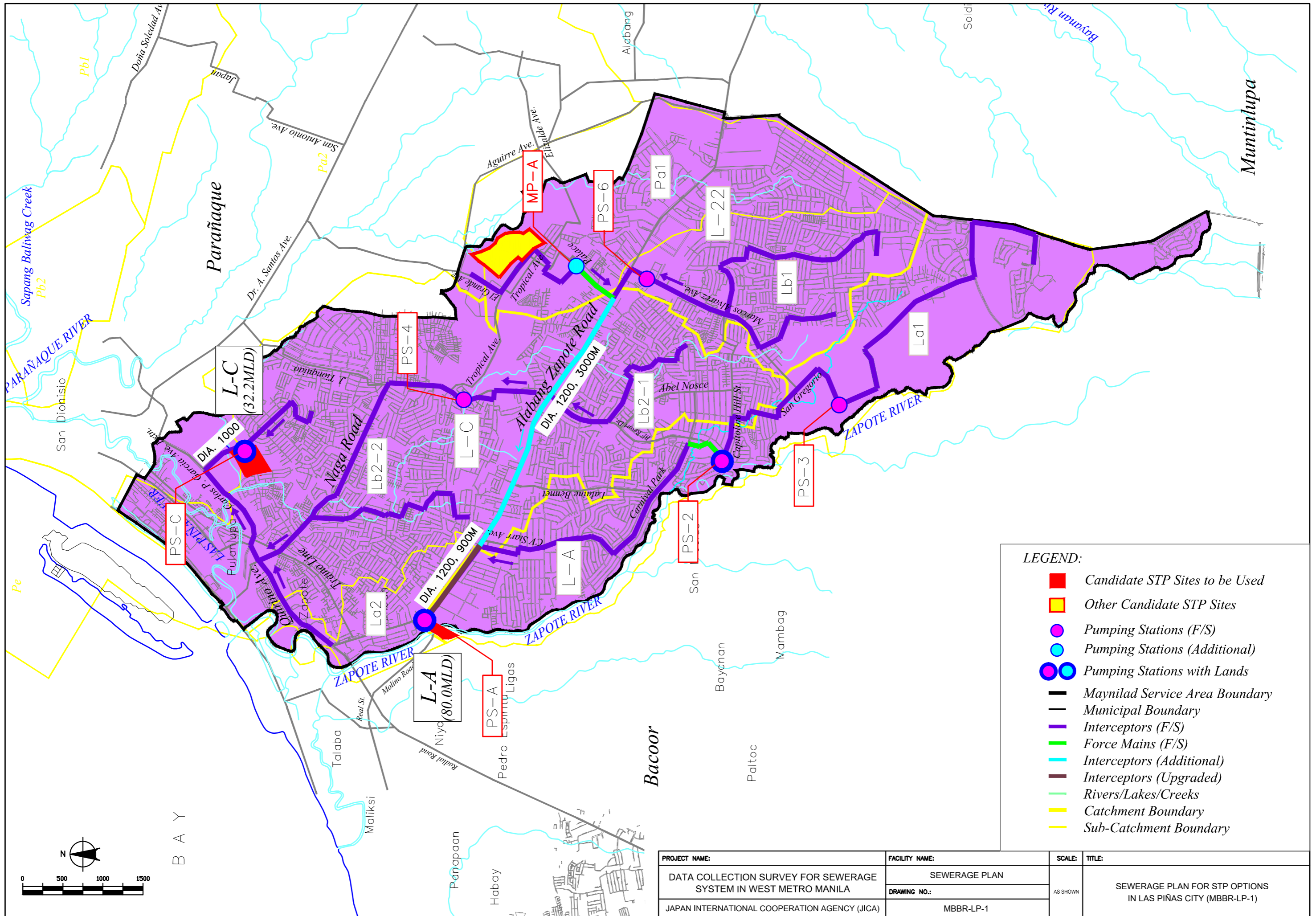
PROJECT NAME:	FACILITY NAME:	SCALE:	TITLE:
DATA COLLECTION SURVEY FOR SEWERAGE SYSTEM IN WEST METRO MANILA	SEWERAGE PLAN	AS SHOWN	SEWERAGE PLAN FOR STP OPTIONS IN LAS PIÑAS CITY (SBR-LP-1)
	DRAWING NO.:		
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SBR-LP-1		



**LEGEND:**

- Candidate STP Sites to be Used
- Other Candidate STP Sites
- Pumping Stations (F/S)
- Pumping Stations (Additional)
- Pumping Stations with Lands
- Maynilad Service Area Boundary
- Municipal Boundary
- Interceptors (F/S)
- Force Mains (F/S)
- Interceptors (Additional)
- Interceptors (Upgraded)
- Rivers/Lakes/Creeks
- Catchment Boundary
- Sub-Catchment Boundary

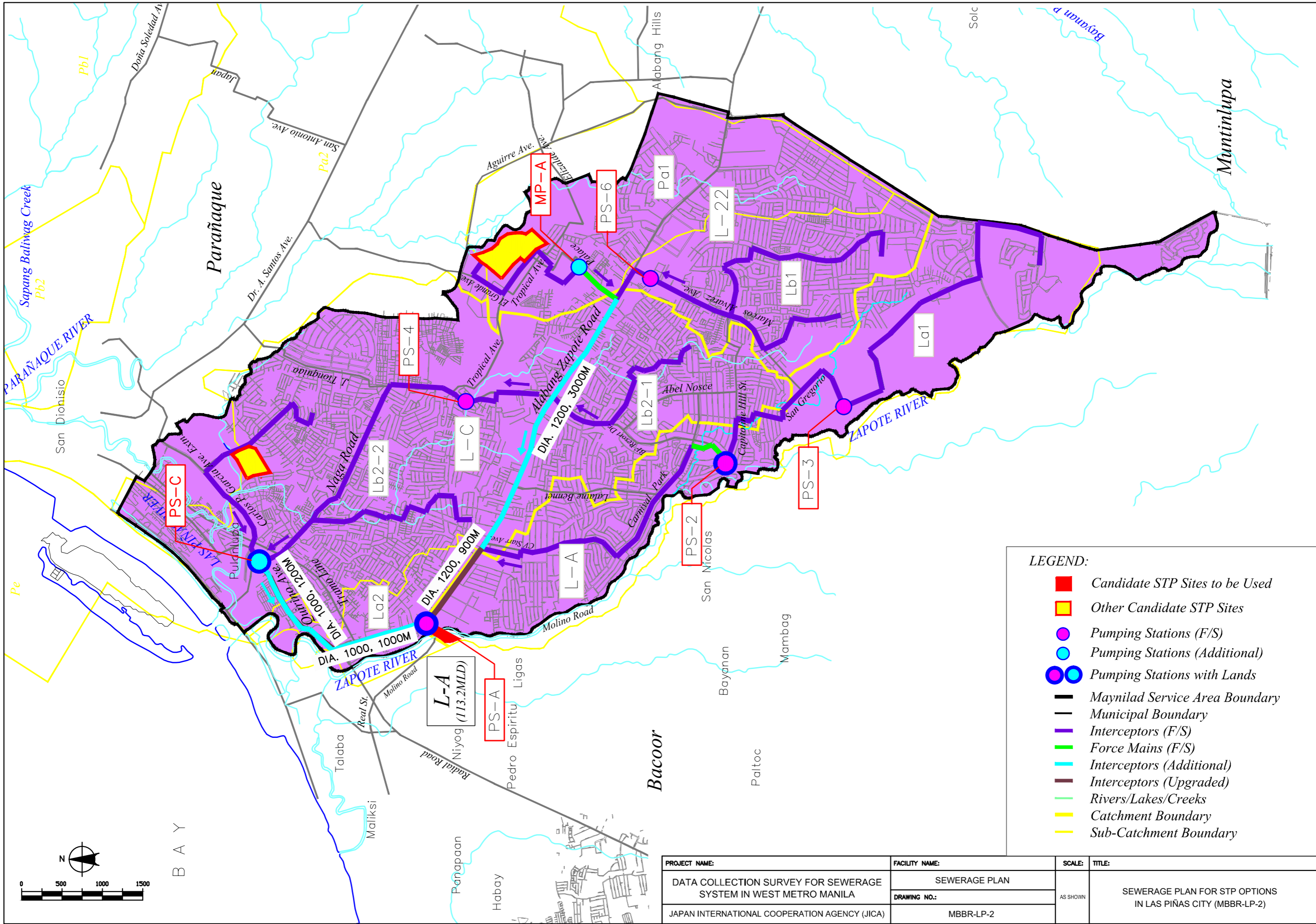
PROJECT NAME:	FACILITY NAME:	SCALE:	TITLE:
DATA COLLECTION SURVEY FOR SEWERAGE SYSTEM IN WEST METRO MANILA	SEWERAGE PLAN	AS SHOWN	SEWERAGE PLAN FOR STP OPTIONS IN LAS PIÑAS CITY (SBR-LP-2)
	DRAWING NO.:		
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SBR-LP-2		



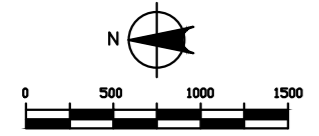
**LEGEND:**

- Candidate STP Sites to be Used
- Other Candidate STP Sites
- Pumping Stations (F/S)
- Pumping Stations (Additional)
- Pumping Stations with Lands
- Maynilad Service Area Boundary
- Municipal Boundary
- Interceptors (F/S)
- Force Mains (F/S)
- Interceptors (Additional)
- Interceptors (Upgraded)
- Rivers/Lakes/Creeks
- Catchment Boundary
- Sub-Catchment Boundary

PROJECT NAME:	FACILITY NAME:	SCALE:	TITLE:
DATA COLLECTION SURVEY FOR SEWERAGE SYSTEM IN WEST METRO MANILA	SEWERAGE PLAN	AS SHOWN	SEWERAGE PLAN FOR STP OPTIONS IN LAS PIÑAS CITY (MBBR-LP-1)
	DRAWING NO.:		
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	MBBR-LP-1		



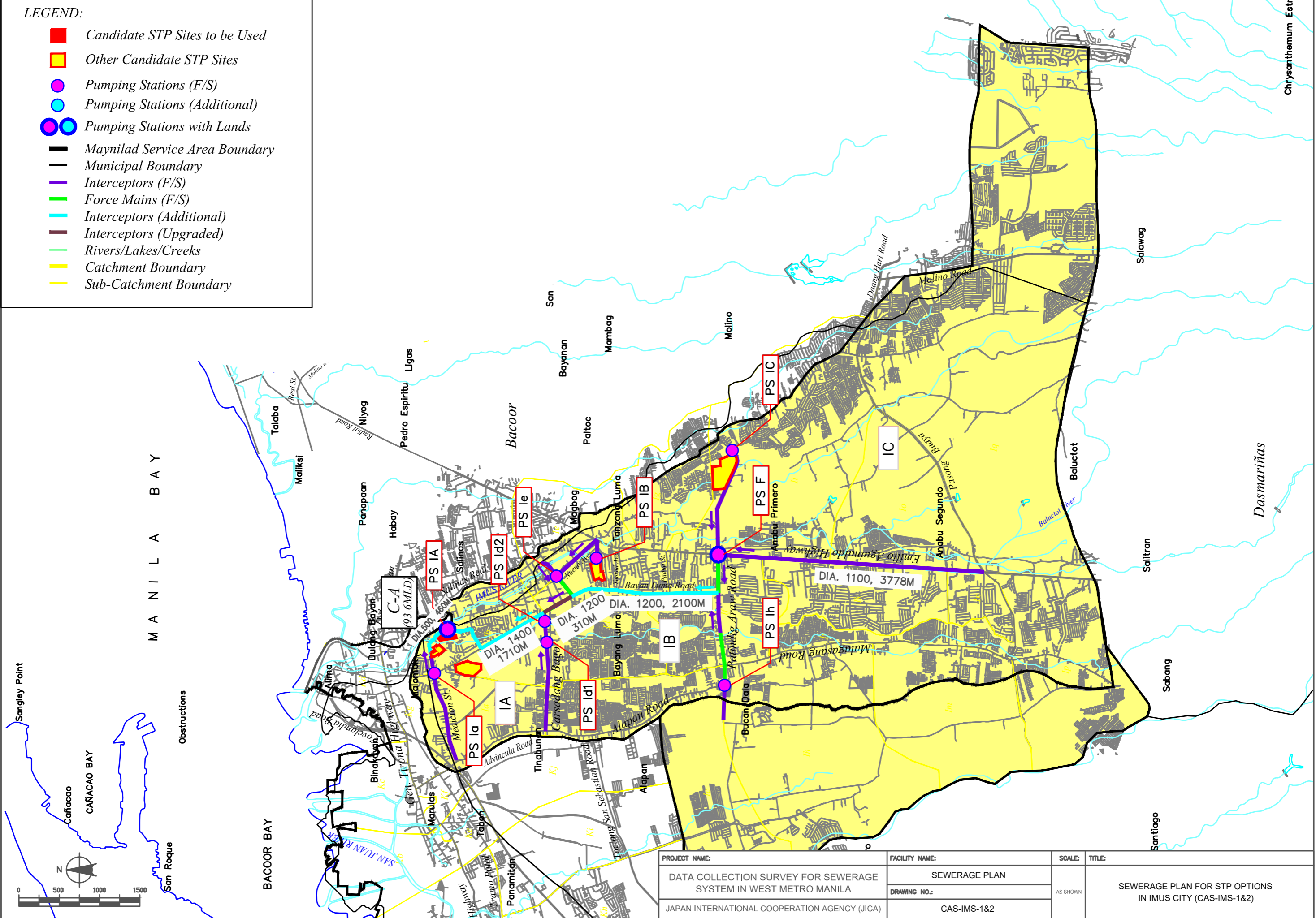
- LEGEND:**
- Candidate STP Sites to be Used
  - Other Candidate STP Sites
  - Pumping Stations (F/S)
  - Pumping Stations (Additional)
  - ● Pumping Stations with Lands
  - Maynilad Service Area Boundary
  - Municipal Boundary
  - Interceptors (F/S)
  - Force Mains (F/S)
  - Interceptors (Additional)
  - Interceptors (Upgraded)
  - Rivers/Lakes/Creeks
  - Catchment Boundary
  - Sub-Catchment Boundary



PROJECT NAME:	FACILITY NAME:	SCALE:	TITLE:
DATA COLLECTION SURVEY FOR SEWERAGE SYSTEM IN WEST METRO MANILA	SEWERAGE PLAN	AS SHOWN	SEWERAGE PLAN FOR STP OPTIONS IN LAS PIÑAS CITY (MBBR-LP-2)
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	DRAWING NO.: MBBR-LP-2		

LEGEND:

- Candidate STP Sites to be Used
- Other Candidate STP Sites
- Pumping Stations (F/S)
- Pumping Stations (Additional)
- ● Pumping Stations with Lands
- Maynilad Service Area Boundary
- Municipal Boundary
- Interceptors (F/S)
- Force Mains (F/S)
- Interceptors (Additional)
- Interceptors (Upgraded)
- Rivers/Lakes/Creeks
- Catchment Boundary
- Sub-Catchment Boundary

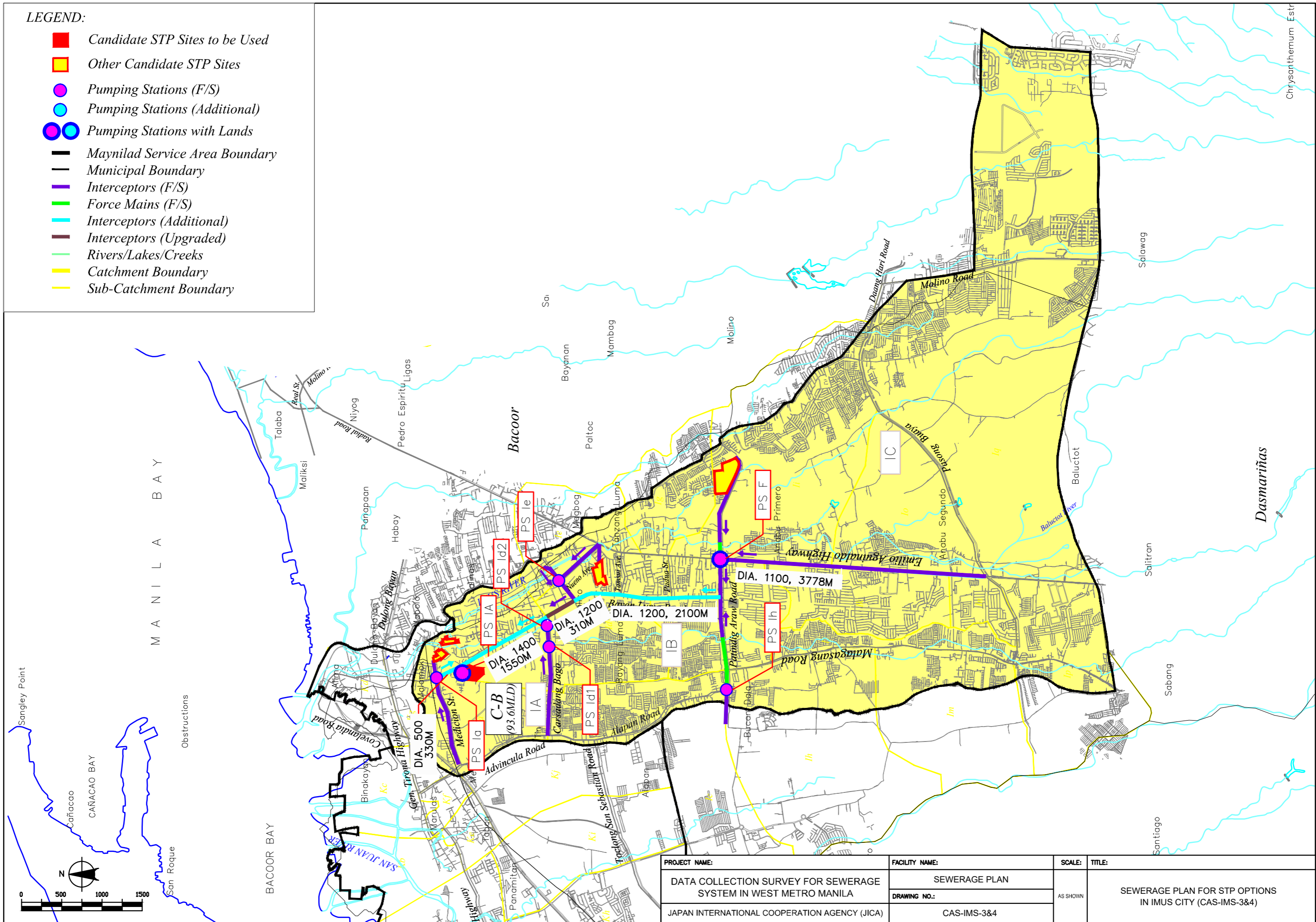


PROJECT NAME:	FACILITY NAME:	SCALE:	TITLE:
DATA COLLECTION SURVEY FOR SEWERAGE SYSTEM IN WEST METRO MANILA	SEWERAGE PLAN	AS SHOWN	SEWERAGE PLAN FOR STP OPTIONS IN IMUS CITY (CAS-IMS-1&2)
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	DRAWING NO.:		
	CAS-IMS-1&2		



**LEGEND:**

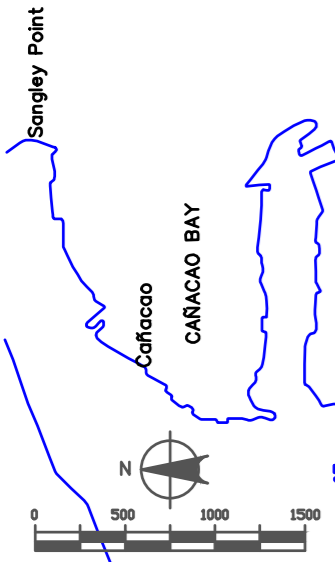
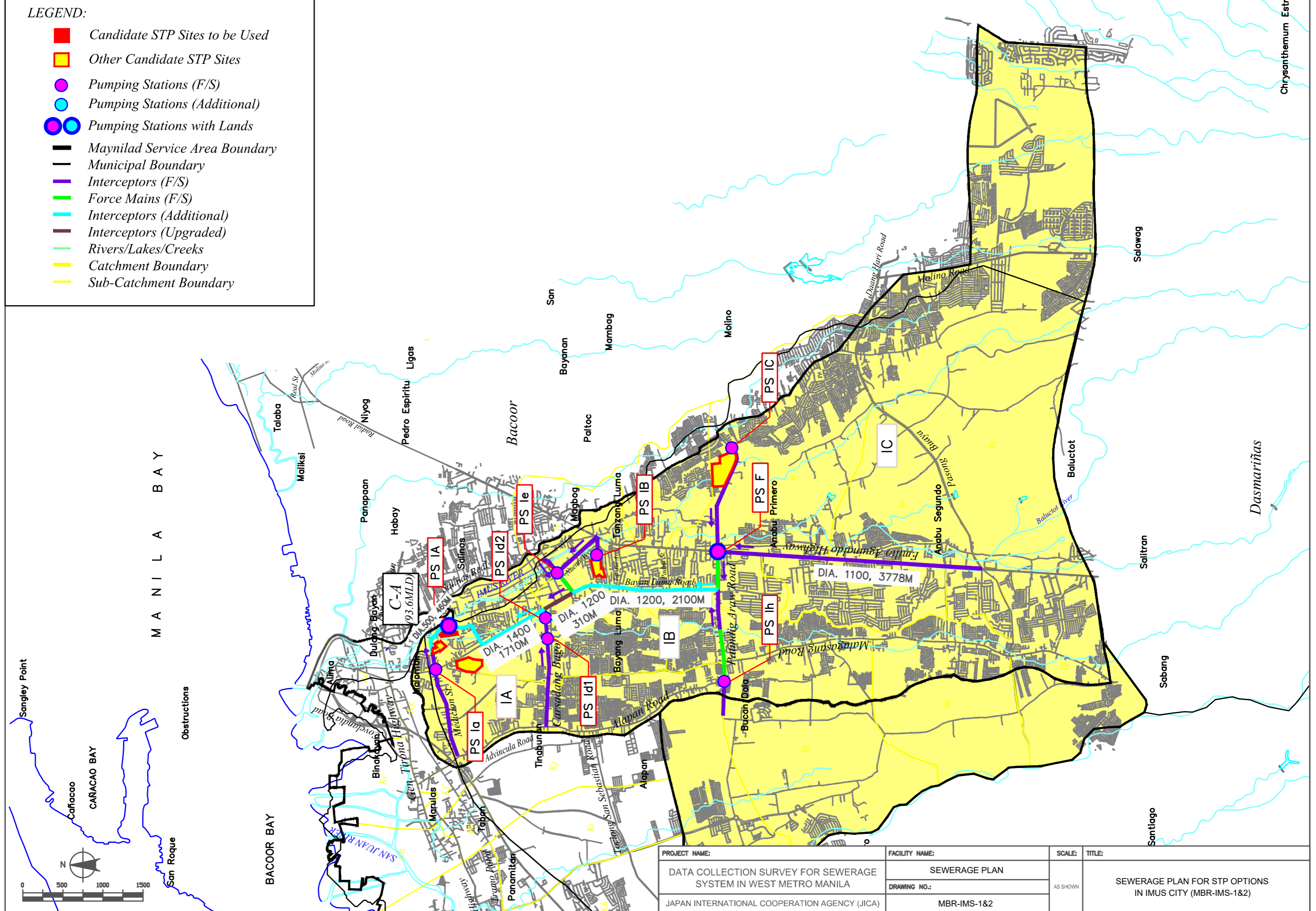
- Candidate STP Sites to be Used
- Other Candidate STP Sites
- Pumping Stations (F/S)
- Pumping Stations (Additional)
- Pumping Stations with Lands
- Maynilad Service Area Boundary
- Municipal Boundary
- Interceptors (F/S)
- Force Mains (F/S)
- Interceptors (Additional)
- Interceptors (Upgraded)
- Rivers/Lakes/Creeks
- Catchment Boundary
- Sub-Catchment Boundary



PROJECT NAME:	FACILITY NAME:	SCALE:	TITLE:
DATA COLLECTION SURVEY FOR SEWERAGE SYSTEM IN WEST METRO MANILA	SEWERAGE PLAN	AS SHOWN	SEWERAGE PLAN FOR STP OPTIONS IN IMUS CITY (CAS-IMS-3&4)
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	CAS-IMS-3&4		

**LEGEND:**

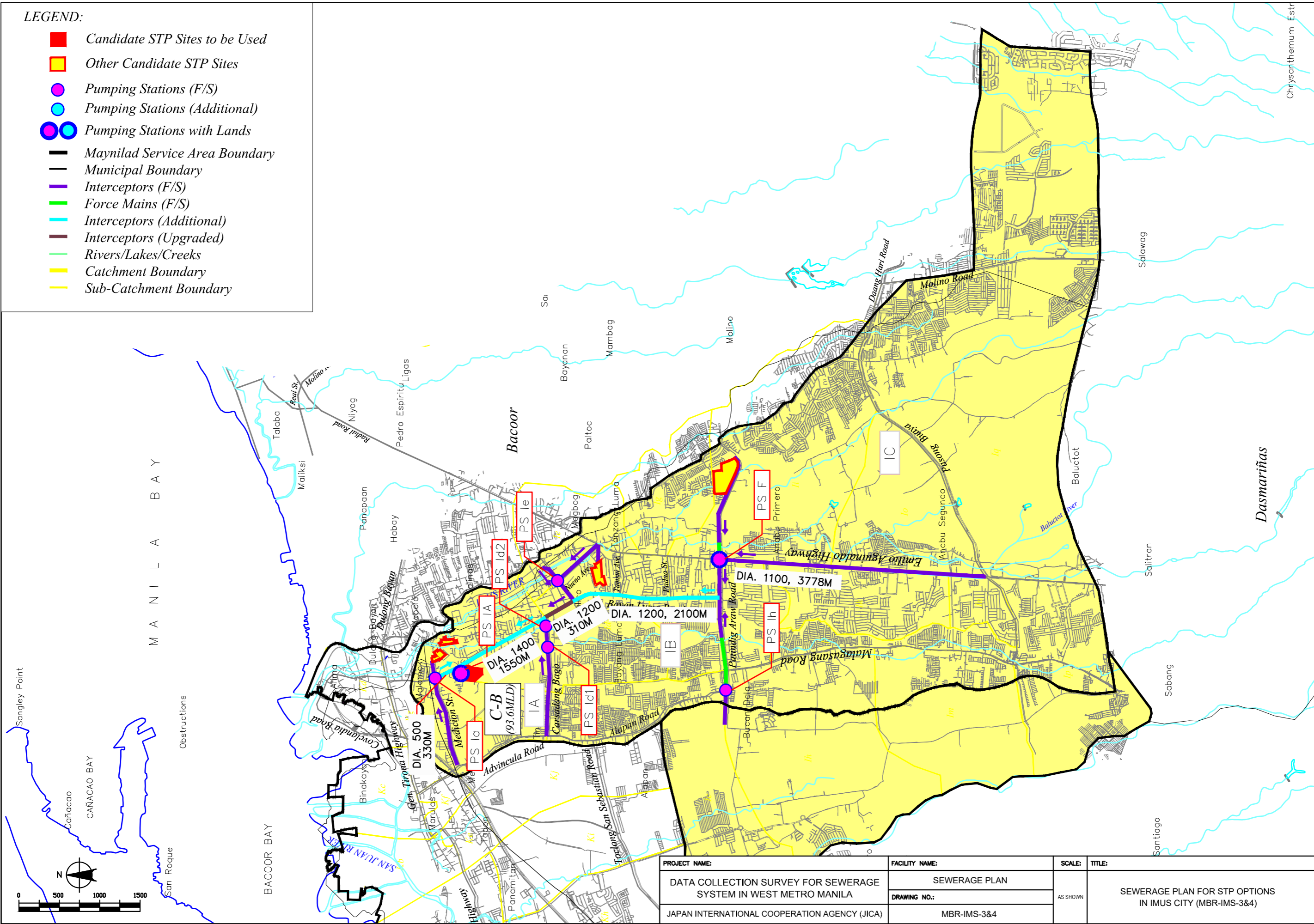
- Candidate STP Sites to be Used
- Other Candidate STP Sites
- Pumping Stations (F/S)
- Pumping Stations (Additional)
- Pumping Stations with Lands
- Maynilad Service Area Boundary
- Municipal Boundary
- Interceptors (F/S)
- Force Mains (F/S)
- Interceptors (Additional)
- Interceptors (Upgraded)
- Rivers/Lakes/Creeks
- Catchment Boundary
- Sub-Catchment Boundary



PROJECT NAME:	FACILITY NAME:	SCALE:	TITLE:
DATA COLLECTION SURVEY FOR SEWERAGE SYSTEM IN WEST METRO MANILA	SEWERAGE PLAN	AS SHOWN	SEWERAGE PLAN FOR STP OPTIONS IN IMUS CITY (MBR-IMS-1&2)
	DRAWING NO.:		
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	MBR-IMS-1&2		

**LEGEND:**

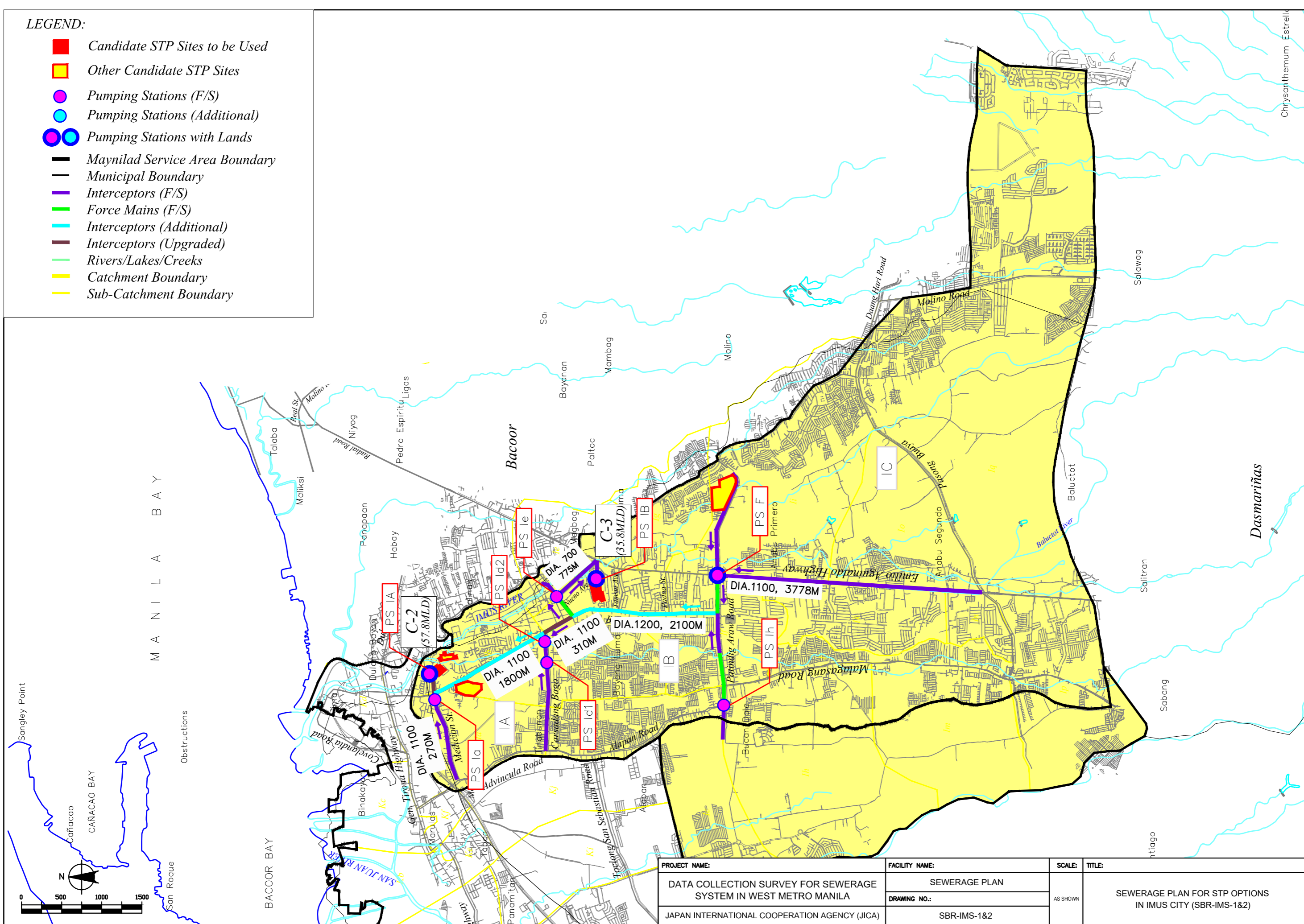
- Candidate STP Sites to be Used
- Other Candidate STP Sites
- Pumping Stations (F/S)
- Pumping Stations (Additional)
- Pumping Stations with Lands
- Maynilad Service Area Boundary
- Municipal Boundary
- Interceptors (F/S)
- Force Mains (F/S)
- Interceptors (Additional)
- Interceptors (Upgraded)
- Rivers/Lakes/Creeks
- Catchment Boundary
- Sub-Catchment Boundary



PROJECT NAME:	FACILITY NAME:	SCALE:	TITLE:
DATA COLLECTION SURVEY FOR SEWERAGE SYSTEM IN WEST METRO MANILA	SEWERAGE PLAN	AS SHOWN	SEWERAGE PLAN FOR STP OPTIONS IN IMUS CITY (MBR-IMS-3&4)
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	DRAWING NO.: MBR-IMS-3&4		

**LEGEND:**

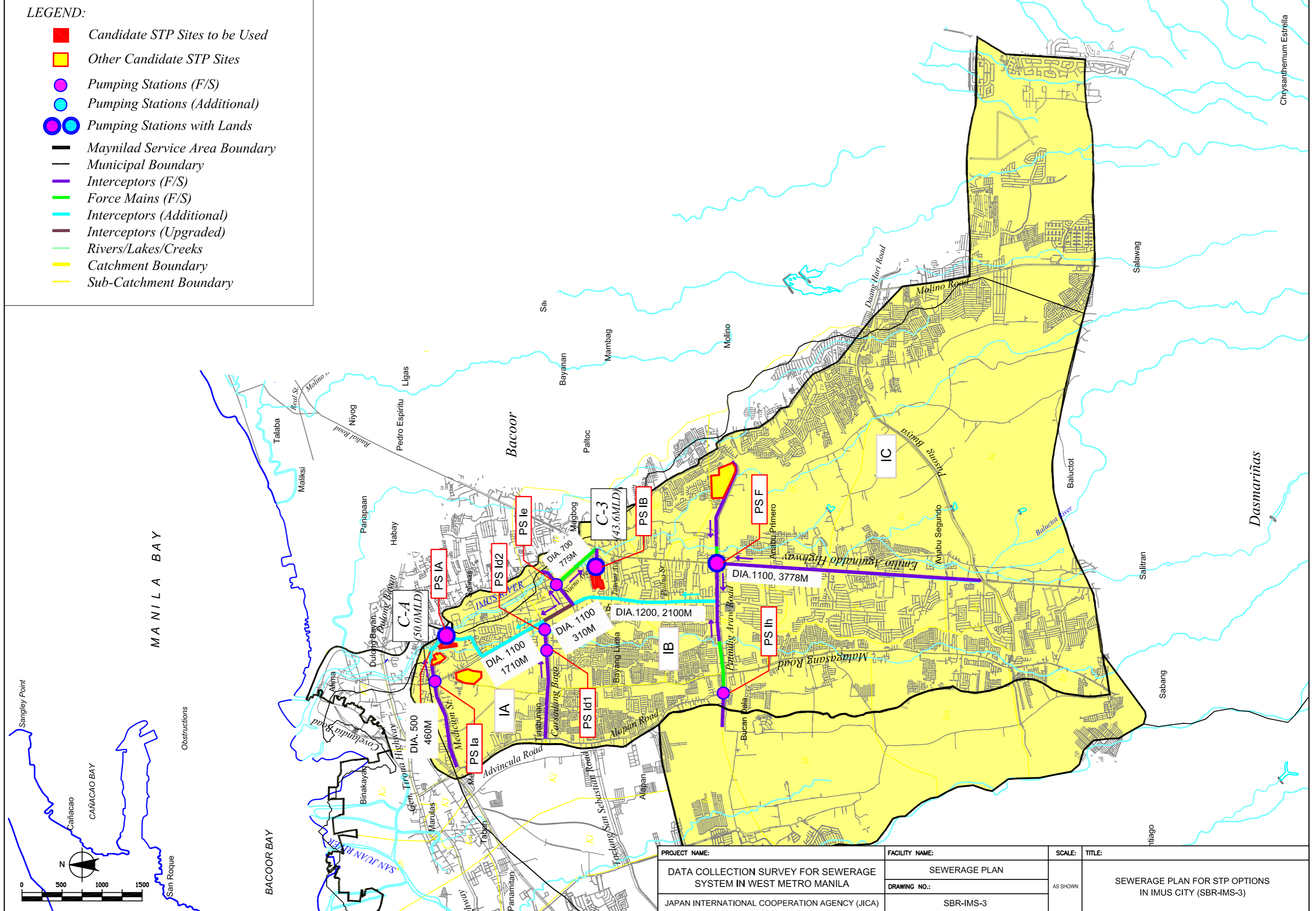
- Candidate STP Sites to be Used
- Other Candidate STP Sites
- Pumping Stations (F/S)
- Pumping Stations (Additional)
- Pumping Stations with Lands
- Maynilad Service Area Boundary
- Municipal Boundary
- Interceptors (F/S)
- Force Mains (F/S)
- Interceptors (Additional)
- Interceptors (Upgraded)
- Rivers/Lakes/Creeks
- Catchment Boundary
- Sub-Catchment Boundary



PROJECT NAME:	FACILITY NAME:	SCALE:	TITLE:
DATA COLLECTION SURVEY FOR SEWERAGE SYSTEM IN WEST METRO MANILA	SEWERAGE PLAN	AS SHOWN	SEWERAGE PLAN FOR STP OPTIONS IN IMUS CITY (SBR-IMS-1&2)
	DRAWING NO.:		
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SBR-IMS-1&2		

**LEGEND:**

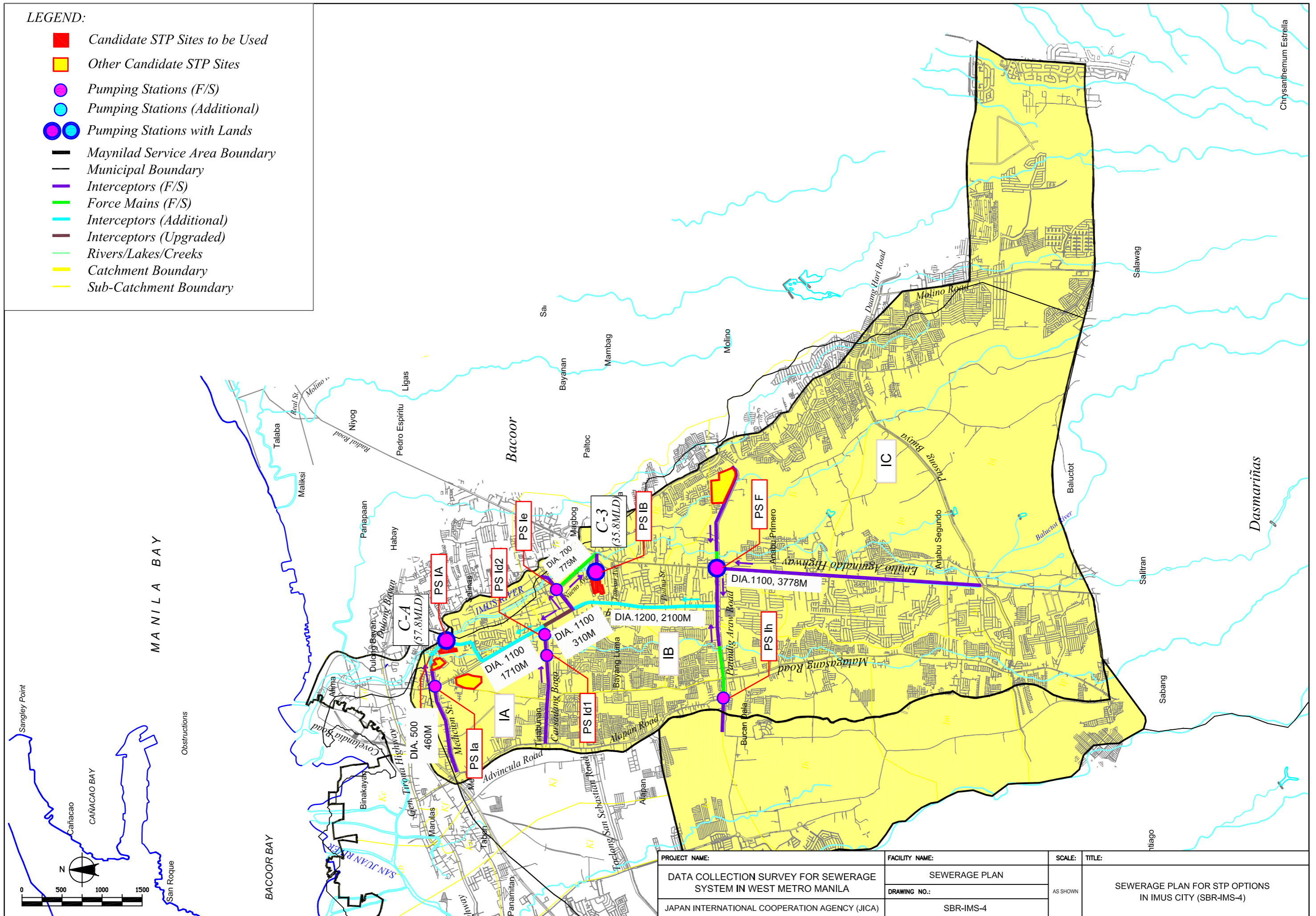
- Candidate STP Sites to be Used
- Other Candidate STP Sites
- Pumping Stations (F/S)
- Pumping Stations (Additional)
- Pumping Stations with Lands
- Maynilad Service Area Boundary
- Municipal Boundary
- Interceptors (F/S)
- Force Mains (F/S)
- Interceptors (Additional)
- Interceptors (Upgraded)
- Rivers/Lakes/Creeks
- Catchment Boundary
- Sub-Catchment Boundary



PROJECT NAME:	FACILITY NAME:	SCALE:	TITLE:
DATA COLLECTION SURVEY FOR SEWERAGE SYSTEM IN WEST METRO MANILA	SEWERAGE PLAN	AS SHOWN	SEWERAGE PLAN FOR STP OPTIONS IN IMUS CITY (SBR-IMS-3)
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SBR-IMS-3		

**LEGEND:**

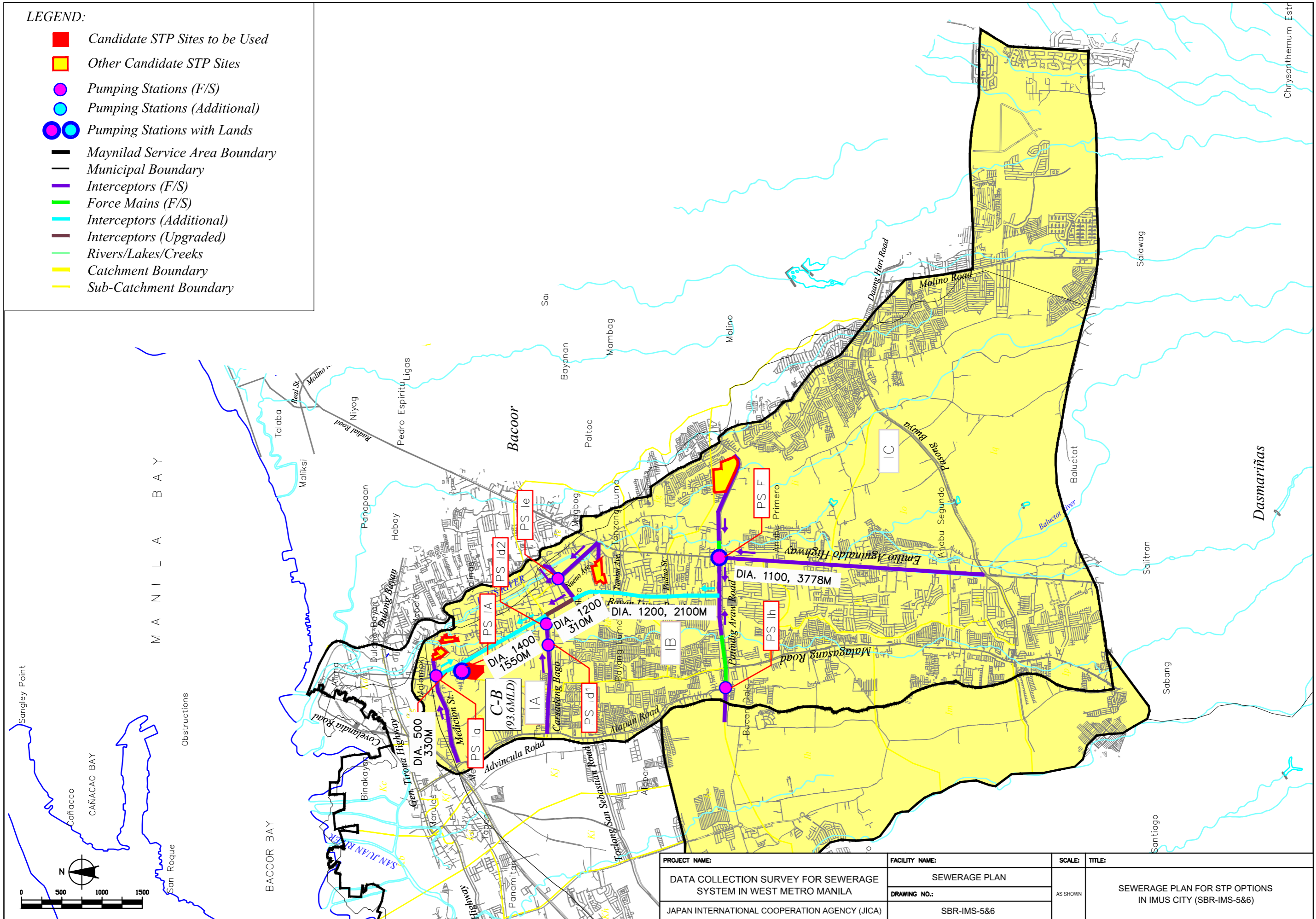
- Candidate STP Sites to be Used
- Other Candidate STP Sites
- Pumping Stations (F/S)
- Pumping Stations (Additional)
- Pumping Stations with Lands
- Maynilad Service Area Boundary
- Municipal Boundary
- Interceptors (F/S)
- Force Mains (F/S)
- Interceptors (Additional)
- Interceptors (Upgraded)
- Rivers/Lakes/Creeks
- Catchment Boundary
- Sub-Catchment Boundary



PROJECT NAME:	FACILITY NAME:	SCALE:	TITLE:
DATA COLLECTION SURVEY FOR SEWERAGE SYSTEM IN WEST METRO MANILA	SEWERAGE PLAN	AS SHOWN	SEWERAGE PLAN FOR STP OPTIONS IN IMUS CITY (SBR-IMS-4)
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SBR-IMS-4		

**LEGEND:**

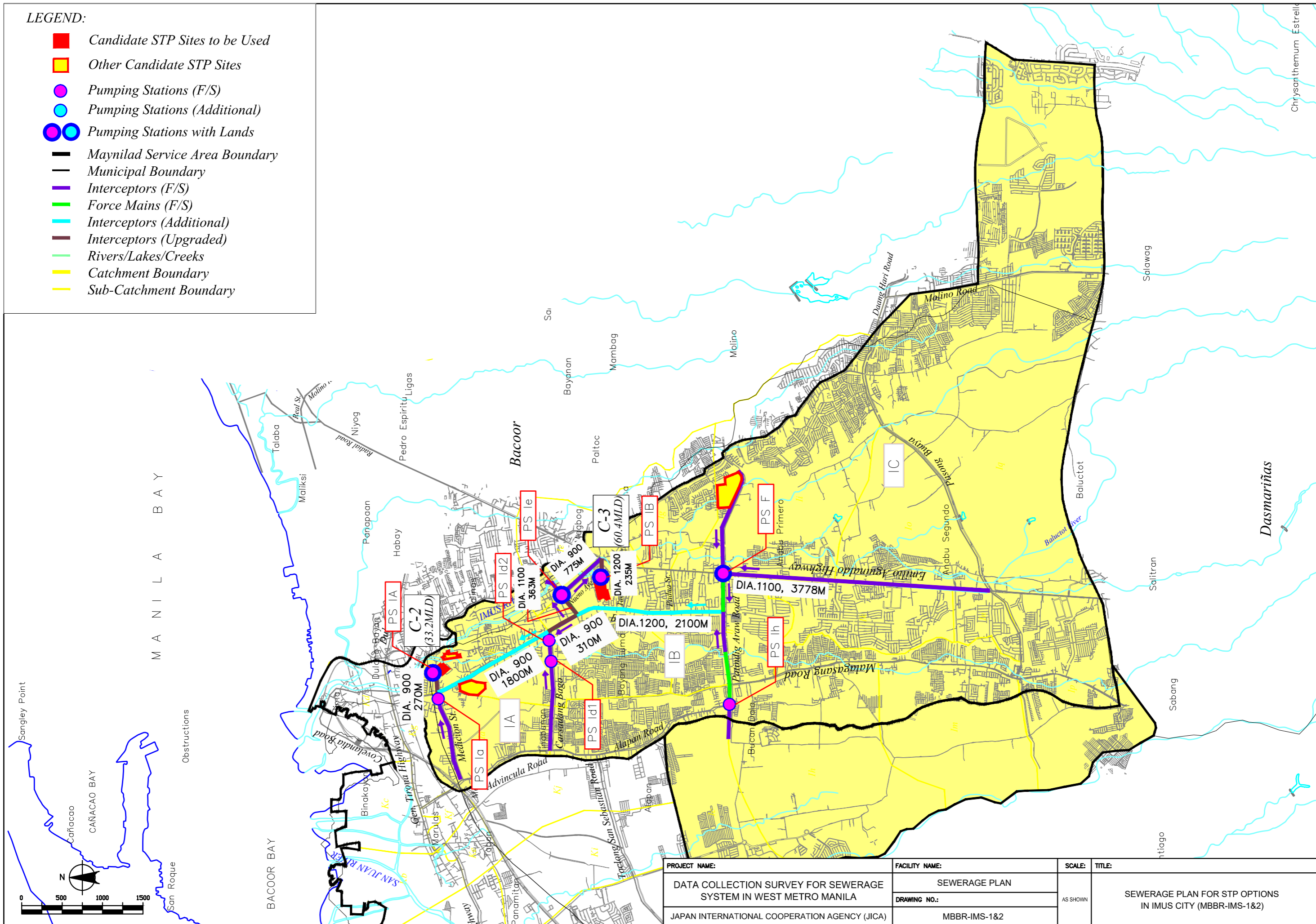
- Candidate STP Sites to be Used
- Other Candidate STP Sites
- Pumping Stations (F/S)
- Pumping Stations (Additional)
- Pumping Stations with Lands
- Maynilad Service Area Boundary
- Municipal Boundary
- Interceptors (F/S)
- Force Mains (F/S)
- Interceptors (Additional)
- Interceptors (Upgraded)
- Rivers/Lakes/Creeks
- Catchment Boundary
- Sub-Catchment Boundary



PROJECT NAME:	FACILITY NAME:	SCALE:	TITLE:
DATA COLLECTION SURVEY FOR SEWERAGE SYSTEM IN WEST METRO MANILA	SEWERAGE PLAN	AS SHOWN	SEWERAGE PLAN FOR STP OPTIONS IN IMUS CITY (SBR-IMS-5&6)
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SBR-IMS-5&6		

LEGEND:

- Candidate STP Sites to be Used
- Other Candidate STP Sites
- Pumping Stations (F/S)
- Pumping Stations (Additional)
- ● Pumping Stations with Lands
- Maynilad Service Area Boundary
- Municipal Boundary
- Interceptors (F/S)
- Force Mains (F/S)
- Interceptors (Additional)
- Interceptors (Upgraded)
- Rivers/Lakes/Creeks
- Catchment Boundary
- Sub-Catchment Boundary

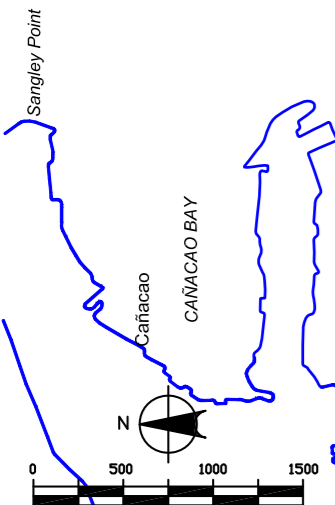
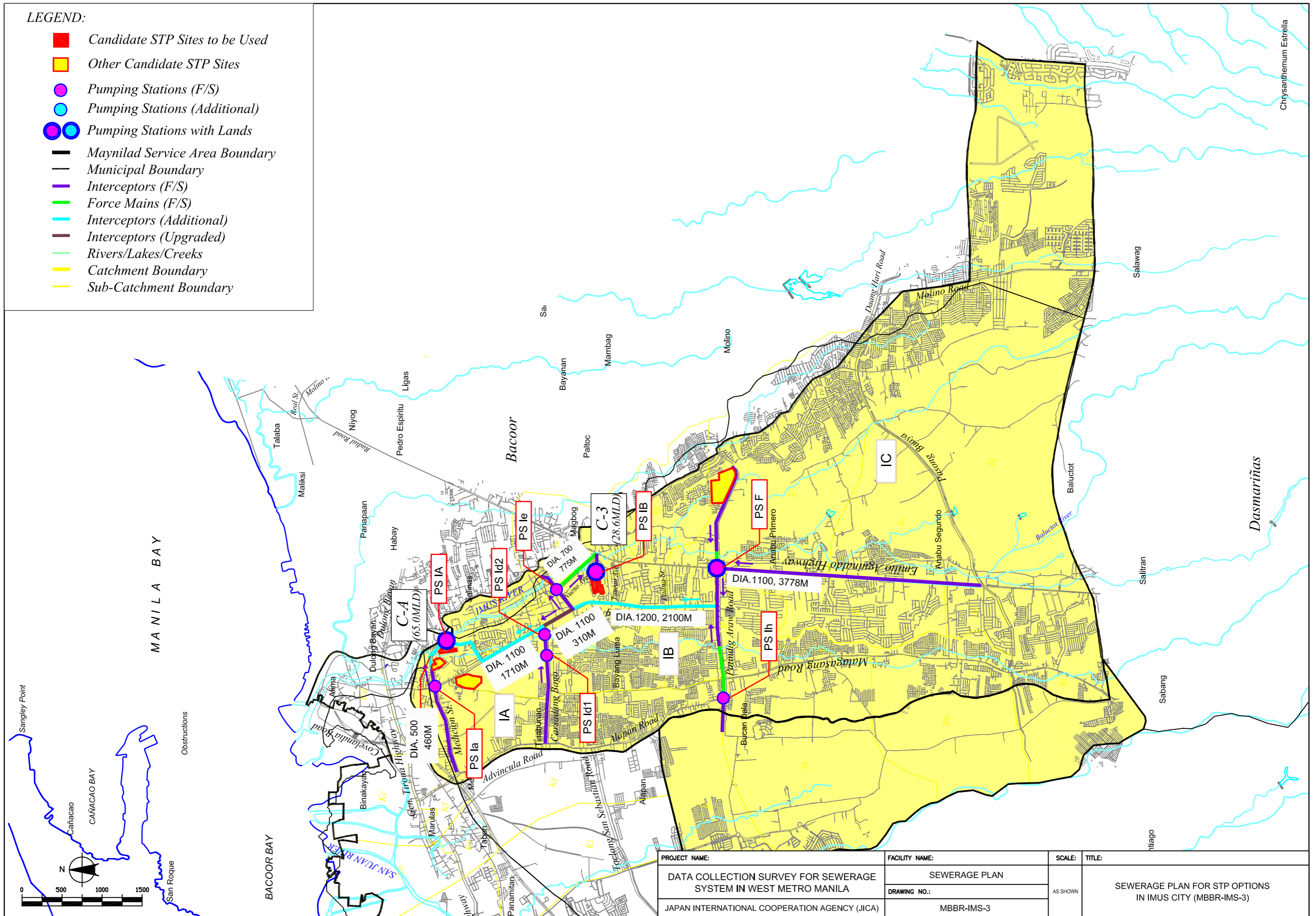


PROJECT NAME:	FACILITY NAME:	SCALE:	TITLE:
DATA COLLECTION SURVEY FOR SEWERAGE SYSTEM IN WEST METRO MANILA	SEWERAGE PLAN	AS SHOWN	SEWERAGE PLAN FOR STP OPTIONS IN IMUS CITY (MBBR-IMS-1&2)
	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)		



**LEGEND:**

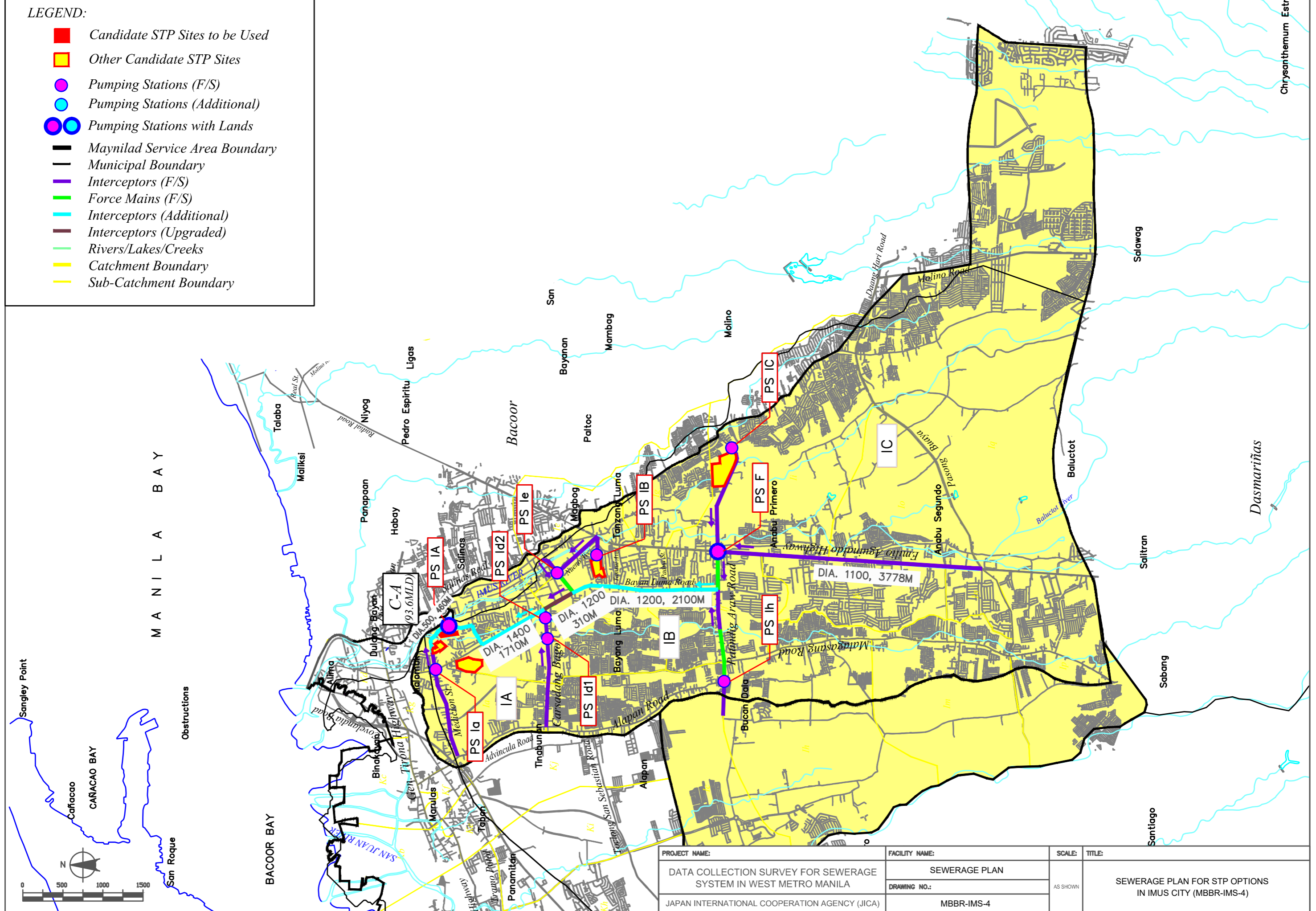
- Candidate STP Sites to be Used
- Other Candidate STP Sites
- Pumping Stations (F/S)
- Pumping Stations (Additional)
- Pumping Stations with Lands
- Maynilad Service Area Boundary
- Municipal Boundary
- Interceptors (F/S)
- Force Mains (F/S)
- Interceptors (Additional)
- Interceptors (Upgraded)
- Rivers/Lakes/Creeks
- Catchment Boundary
- Sub-Catchment Boundary



PROJECT NAME:	FACILITY NAME:	SCALE:	TITLE:
DATA COLLECTION SURVEY FOR SEWERAGE SYSTEM IN WEST METRO MANILA	SEWERAGE PLAN	AS SHOWN	SEWERAGE PLAN FOR STP OPTIONS IN IMUS CITY (MBBR-IMS-3)
	DRAWING NO.:		
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	MBBR-IMS-3		

LEGEND:

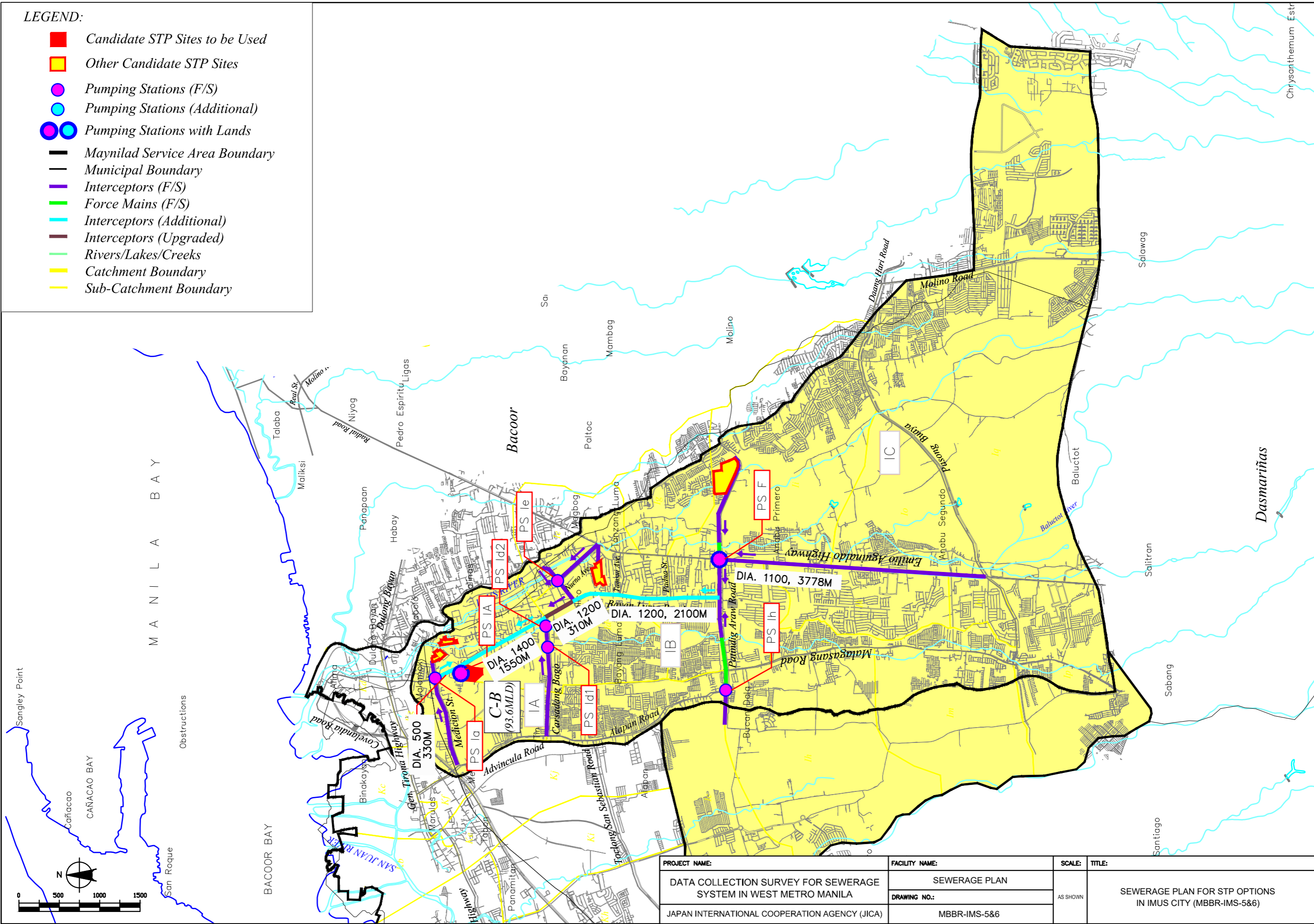
- Candidate STP Sites to be Used
- Other Candidate STP Sites
- Pumping Stations (F/S)
- Pumping Stations (Additional)
- Pumping Stations with Lands
- Maynilad Service Area Boundary
- Municipal Boundary
- Interceptors (F/S)
- Force Mains (F/S)
- Interceptors (Additional)
- Interceptors (Upgraded)
- Rivers/Lakes/Creeks
- Catchment Boundary
- Sub-Catchment Boundary



PROJECT NAME:	FACILITY NAME:	SCALE:	TITLE:
DATA COLLECTION SURVEY FOR SEWERAGE SYSTEM IN WEST METRO MANILA	SEWERAGE PLAN	AS SHOWN	SEWERAGE PLAN FOR STP OPTIONS IN IMUS CITY (MBBR-IMS-4)
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	MBBR-IMS-4		

**LEGEND:**

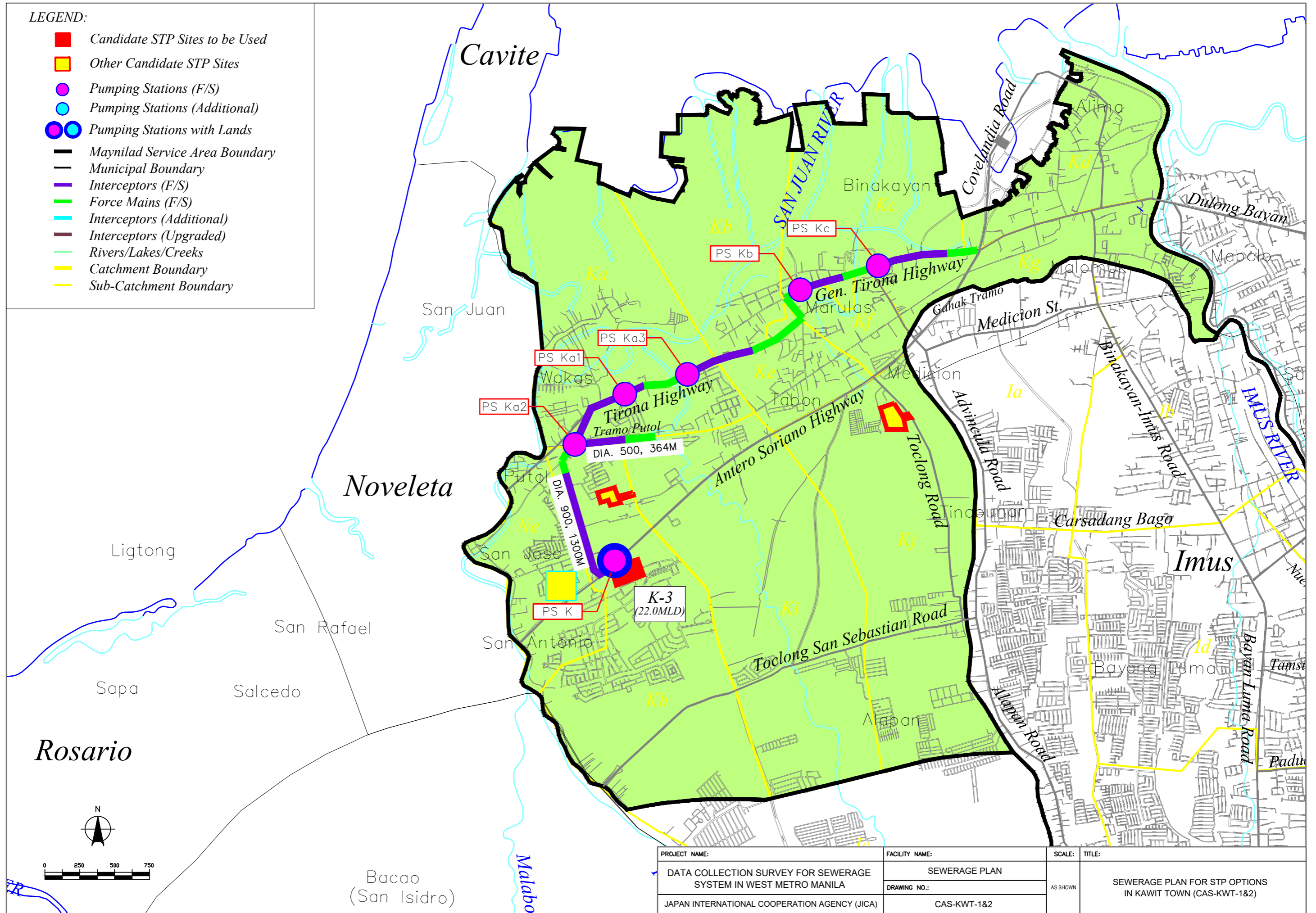
- Candidate STP Sites to be Used
- Other Candidate STP Sites
- Pumping Stations (F/S)
- Pumping Stations (Additional)
- Pumping Stations with Lands
- Maynilad Service Area Boundary
- Municipal Boundary
- Interceptors (F/S)
- Force Mains (F/S)
- Interceptors (Additional)
- Interceptors (Upgraded)
- Rivers/Lakes/Creeks
- Catchment Boundary
- Sub-Catchment Boundary



<b>PROJECT NAME:</b>	<b>FACILITY NAME:</b>	<b>SCALE:</b>	<b>TITLE:</b>
DATA COLLECTION SURVEY FOR SEWERAGE SYSTEM IN WEST METRO MANILA	SEWERAGE PLAN	AS SHOWN	SEWERAGE PLAN FOR STP OPTIONS IN IMUS CITY (MBBR-IMS-5&6)
	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)		

**LEGEND:**

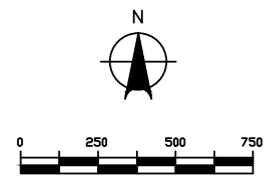
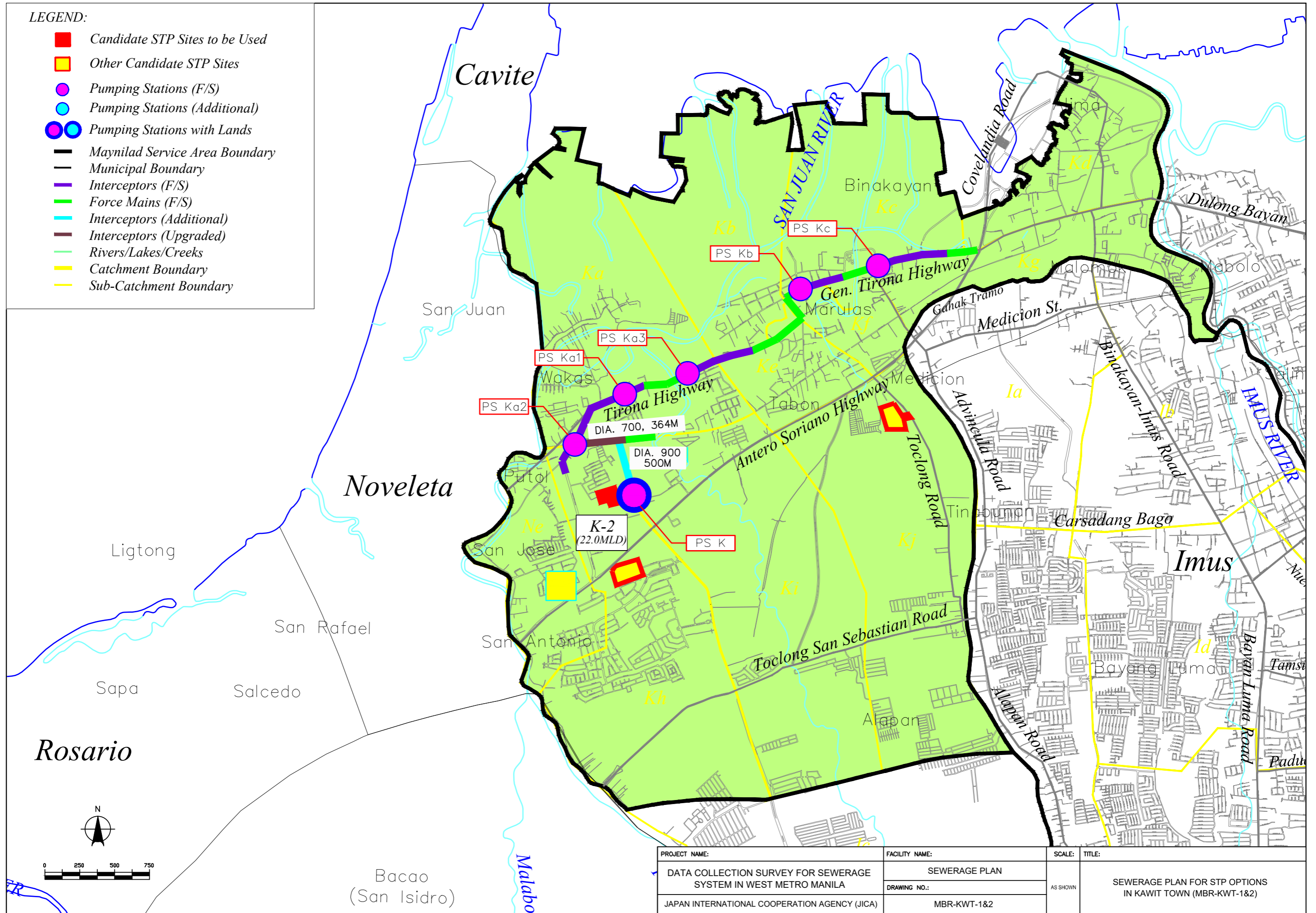
- Candidate STP Sites to be Used
- Other Candidate STP Sites
- Pumping Stations (F/S)
- Pumping Stations (Additional)
- Pumping Stations with Lands
- Maynilad Service Area Boundary
- Municipal Boundary
- Interceptors (F/S)
- Force Mains (F/S)
- Interceptors (Additional)
- Interceptors (Upgraded)
- Rivers/Lakes/Creeks
- Catchment Boundary
- Sub-Catchment Boundary



PROJECT NAME:	FACILITY NAME:	SCALE:	TITLE:
DATA COLLECTION SURVEY FOR SEWERAGE SYSTEM IN WEST METRO MANILA	SEWERAGE PLAN	AS SHOWN	SEWERAGE PLAN FOR STP OPTIONS IN KAWIT TOWN (CAS-KWT-1&2)
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	DRAWING NO.: CAS-KWT-1&2		

**LEGEND:**

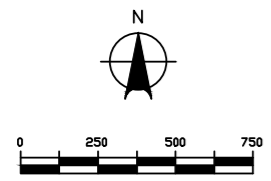
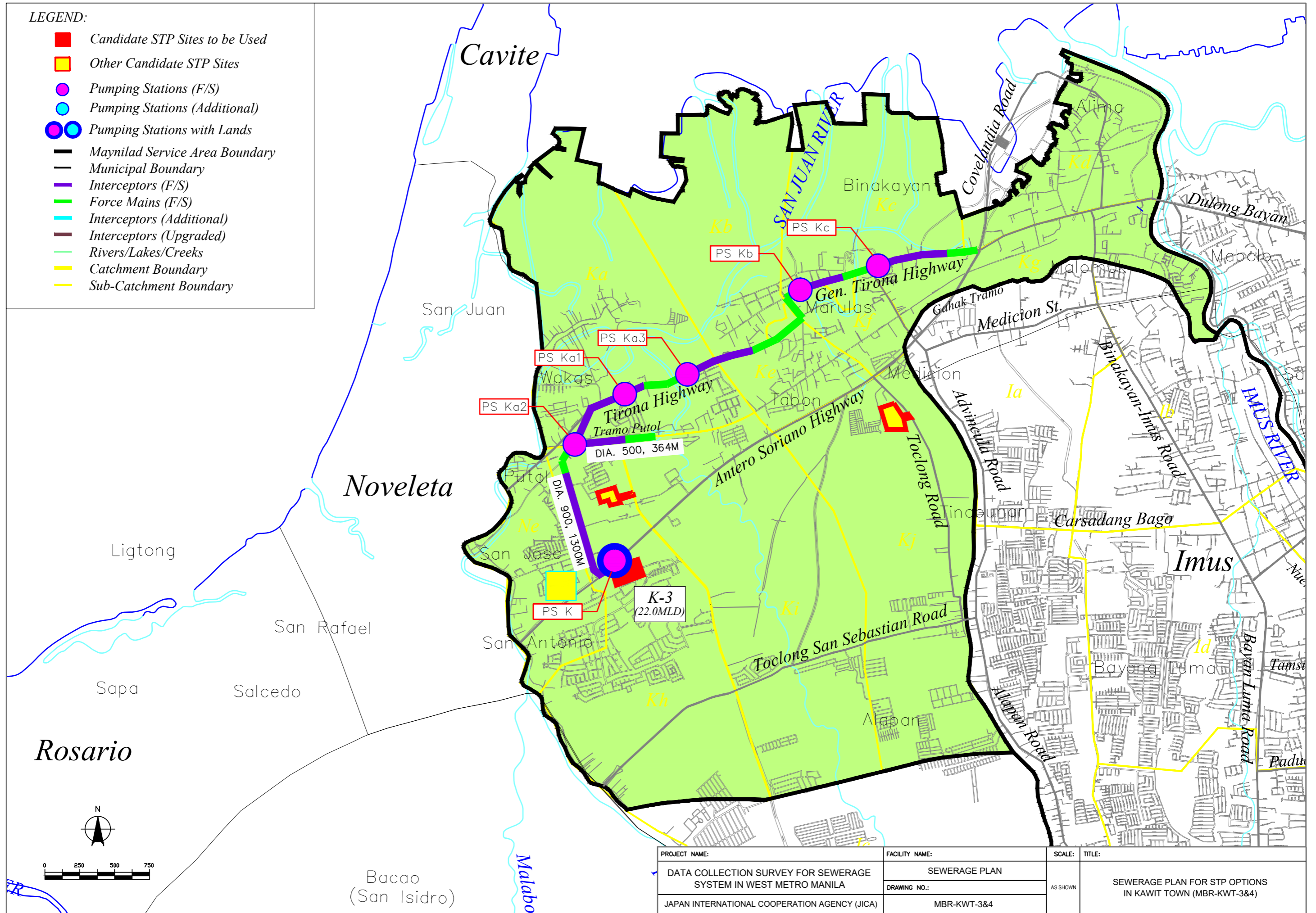
- Candidate STP Sites to be Used
- Other Candidate STP Sites
- Pumping Stations (F/S)
- Pumping Stations (Additional)
- Pumping Stations with Lands
- Maynilad Service Area Boundary
- Municipal Boundary
- Interceptors (F/S)
- Force Mains (F/S)
- Interceptors (Additional)
- Interceptors (Upgraded)
- Rivers/Lakes/Creeks
- Catchment Boundary
- Sub-Catchment Boundary



PROJECT NAME:	FACILITY NAME:	SCALE:	TITLE:
DATA COLLECTION SURVEY FOR SEWERAGE SYSTEM IN WEST METRO MANILA	SEWERAGE PLAN	AS SHOWN	SEWERAGE PLAN FOR STP OPTIONS IN KAWIT TOWN (MBR-KWT-1&2)
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	DRAWING NO.: MBR-KWT-1&2		

**LEGEND:**

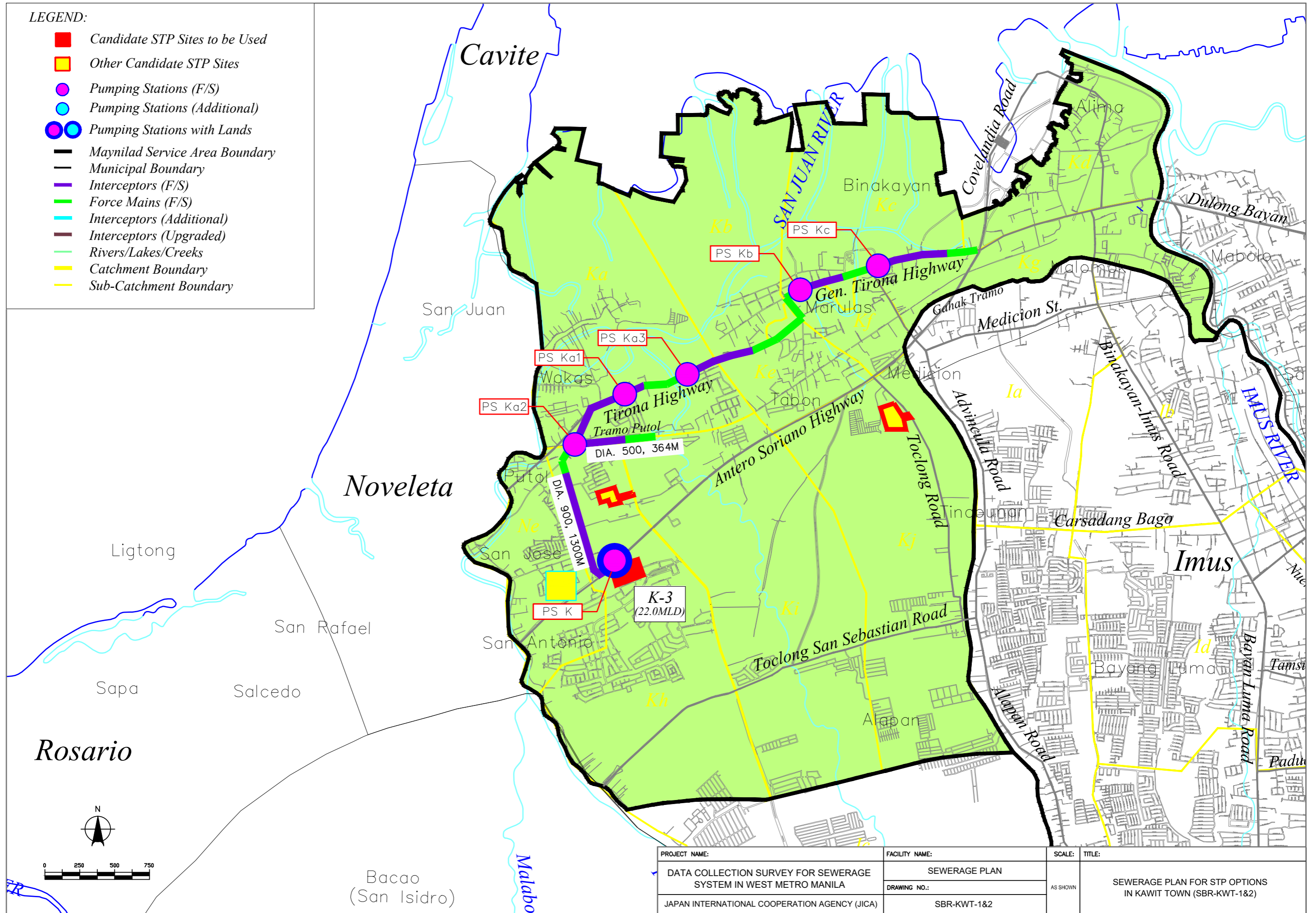
- Candidate STP Sites to be Used
- Other Candidate STP Sites
- Pumping Stations (F/S)
- Pumping Stations (Additional)
- Pumping Stations with Lands
- Maynilad Service Area Boundary
- Municipal Boundary
- Interceptors (F/S)
- Force Mains (F/S)
- Interceptors (Additional)
- Interceptors (Upgraded)
- Rivers/Lakes/Creeks
- Catchment Boundary
- Sub-Catchment Boundary



PROJECT NAME:	FACILITY NAME:	SCALE:	TITLE:
DATA COLLECTION SURVEY FOR SEWERAGE SYSTEM IN WEST METRO MANILA	SEWERAGE PLAN	AS SHOWN	SEWERAGE PLAN FOR STP OPTIONS IN KAWIT TOWN (MBR-KWT-3&4)
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	DRAWING NO.: MBR-KWT-3&4		

**LEGEND:**

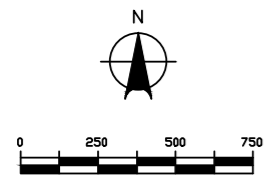
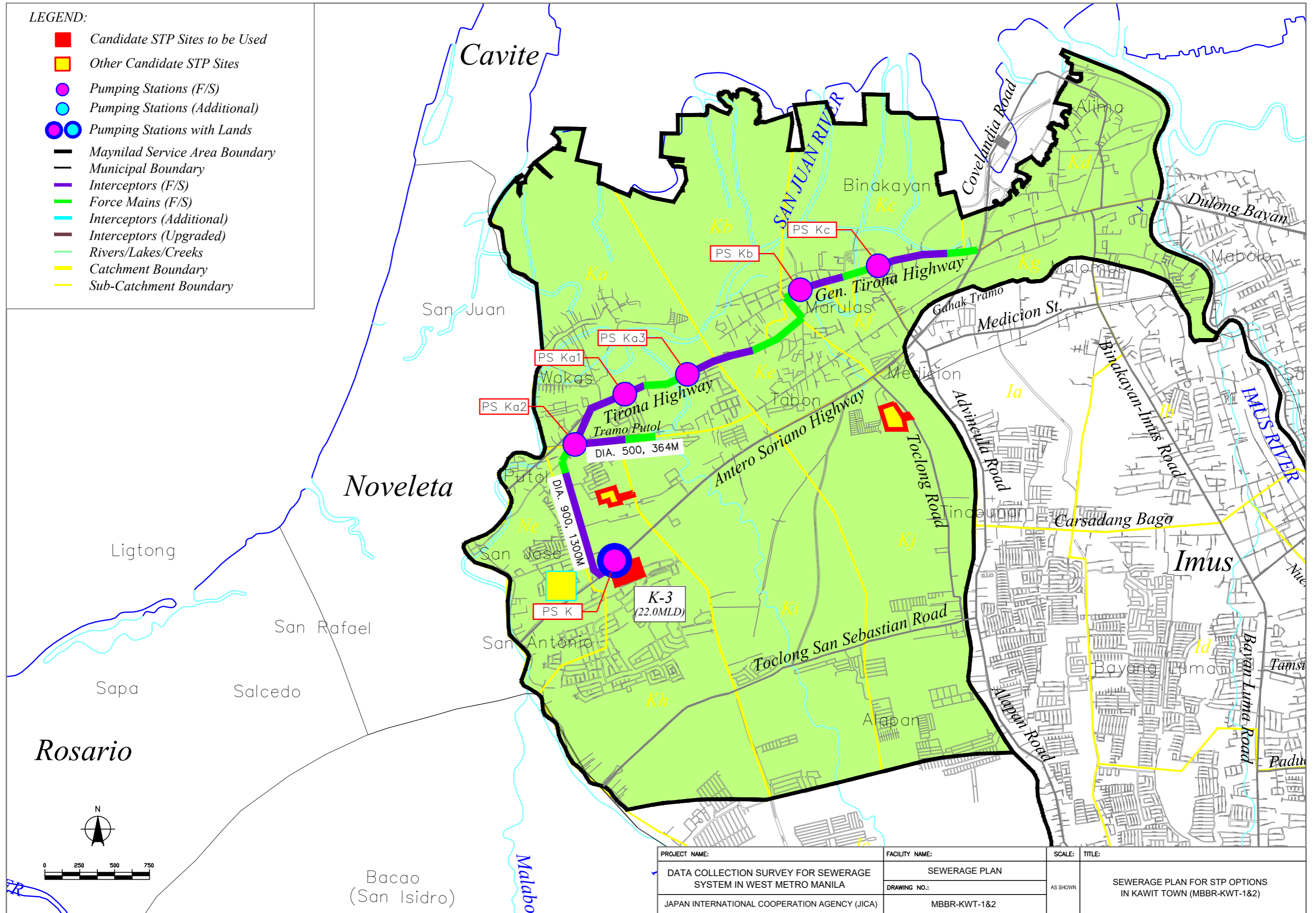
- Candidate STP Sites to be Used
- Other Candidate STP Sites
- Pumping Stations (F/S)
- Pumping Stations (Additional)
- Pumping Stations with Lands
- Maynilad Service Area Boundary
- Municipal Boundary
- Interceptors (F/S)
- Force Mains (F/S)
- Interceptors (Additional)
- Interceptors (Upgraded)
- Rivers/Lakes/Creeks
- Catchment Boundary
- Sub-Catchment Boundary



PROJECT NAME:	FACILITY NAME:	SCALE:	TITLE:
DATA COLLECTION SURVEY FOR SEWERAGE SYSTEM IN WEST METRO MANILA	SEWERAGE PLAN	AS SHOWN	SEWERAGE PLAN FOR STP OPTIONS IN KAWIT TOWN (SBR-KWT-1&2)
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SBR-KWT-1&2		

**LEGEND:**

- Candidate STP Sites to be Used
- Other Candidate STP Sites
- Pumping Stations (F/S)
- Pumping Stations (Additional)
- Pumping Stations with Lands
- Maynilad Service Area Boundary
- Municipal Boundary
- Interceptors (F/S)
- Force Mains (F/S)
- Interceptors (Additional)
- Interceptors (Upgraded)
- Rivers/Lakes/Creeks
- Catchment Boundary
- Sub-Catchment Boundary

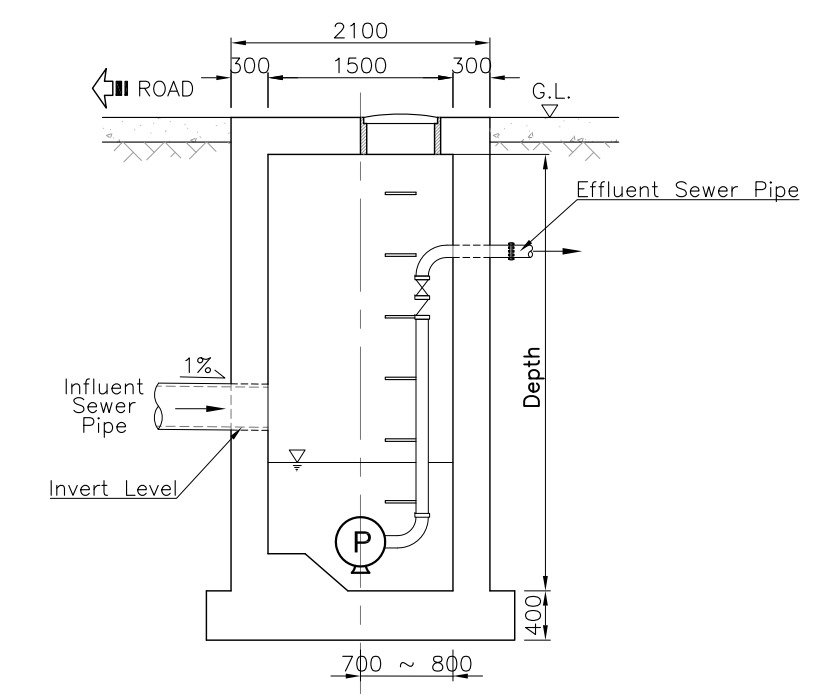
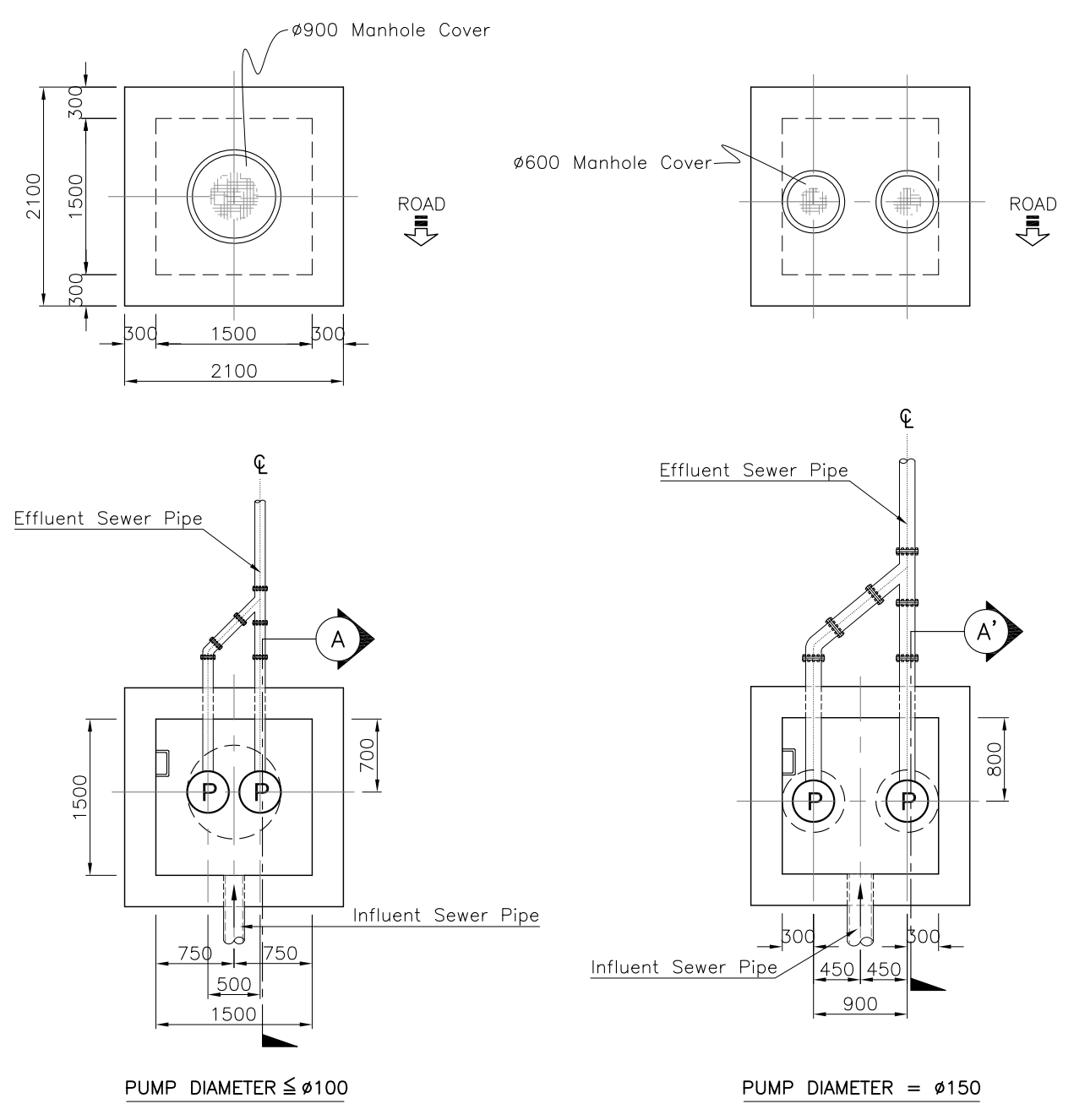


PROJECT NAME:	FACILITY NAME:	SCALE:	TITLE:
DATA COLLECTION SURVEY FOR SEWERAGE SYSTEM IN WEST METRO MANILA	SEWERAGE PLAN	AS SHOWN	SEWERAGE PLAN FOR STP OPTIONS IN KAWIT TOWN (MBBR-KWT-1&2)
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	DRAWING NO.: MBBR-KWT-1&2		



図面集-3

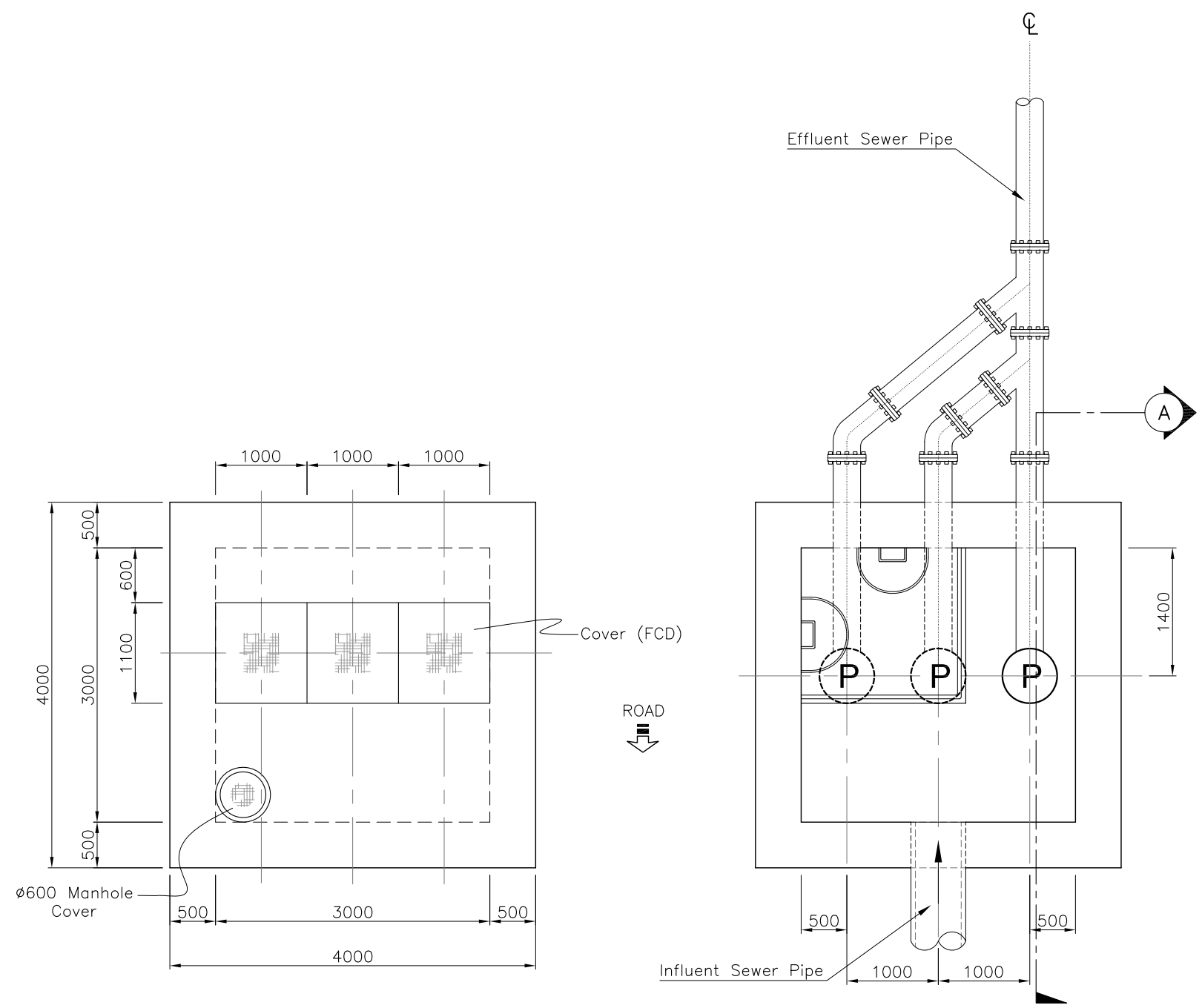
ポンプ場



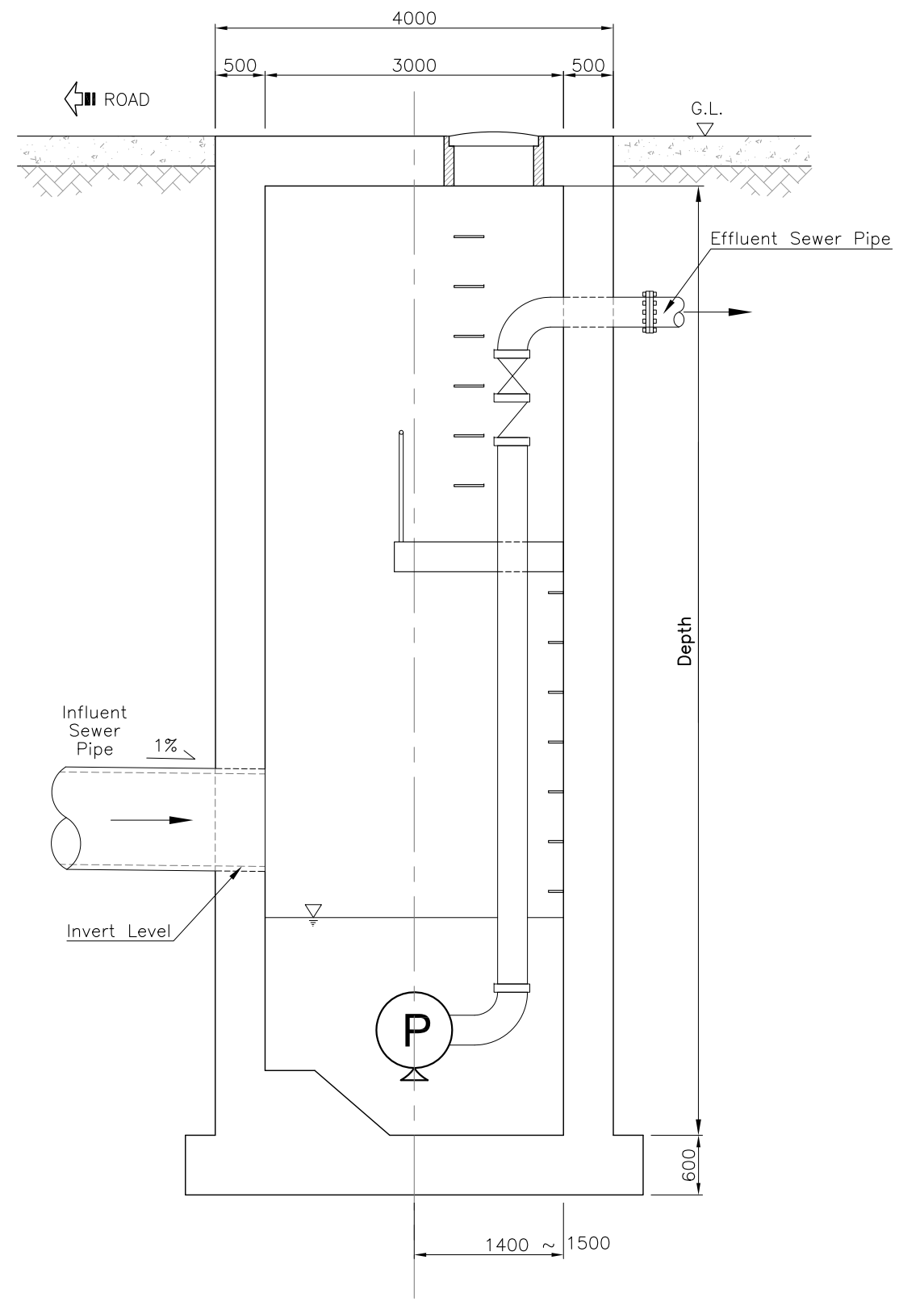
1b SECTION A / A'  
SCALE 1:30

1a PLAN  
SCALE 1:30

PROJECT NAME:	FACILITY NAME:	SCALE:	TITLE:
DATA COLLECTION SURVEY FOR SEWERAGE SYSTEM IN WEST METRO MANILA	PUMPING STATION	1:30	TYPICAL LAYOUT OF MANHOLE PUMP STATION (SMALL) (PLAN & SECTION)
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	DRAWING NO.: PS - 1		

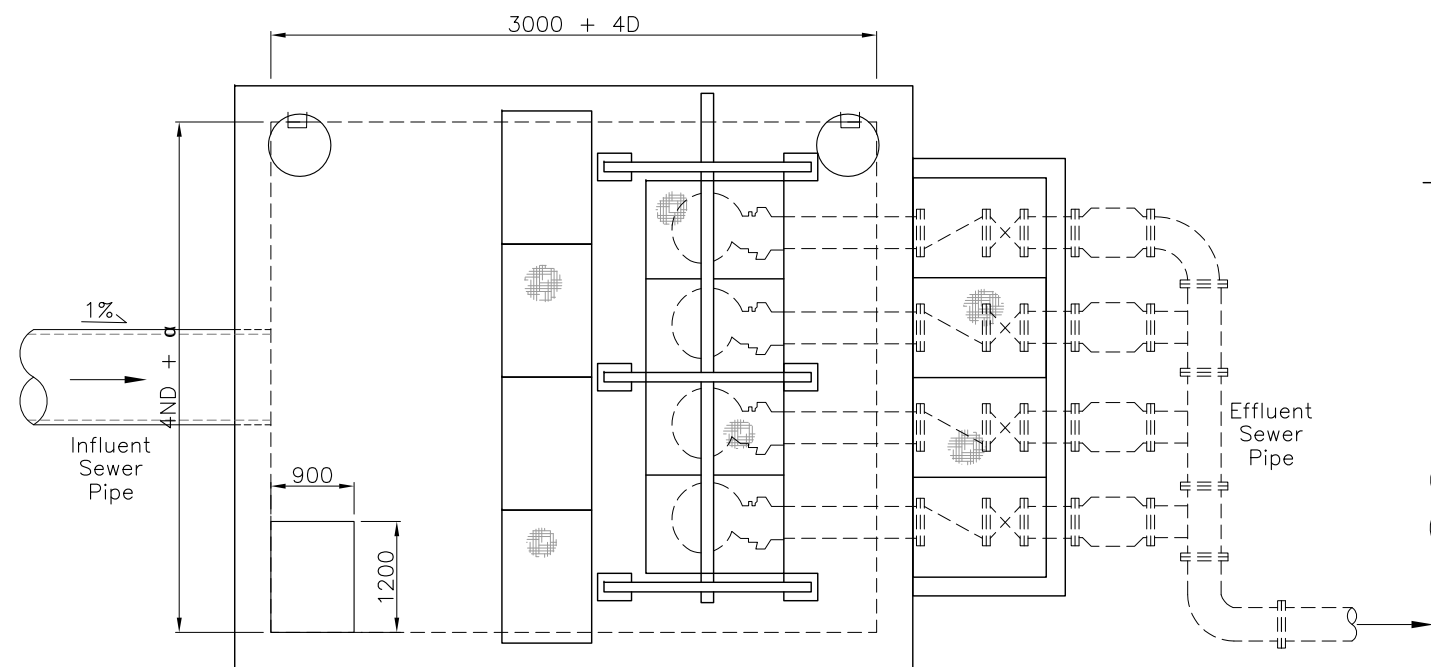


2a  
-  
**PLAN**  
SCALE 1:30

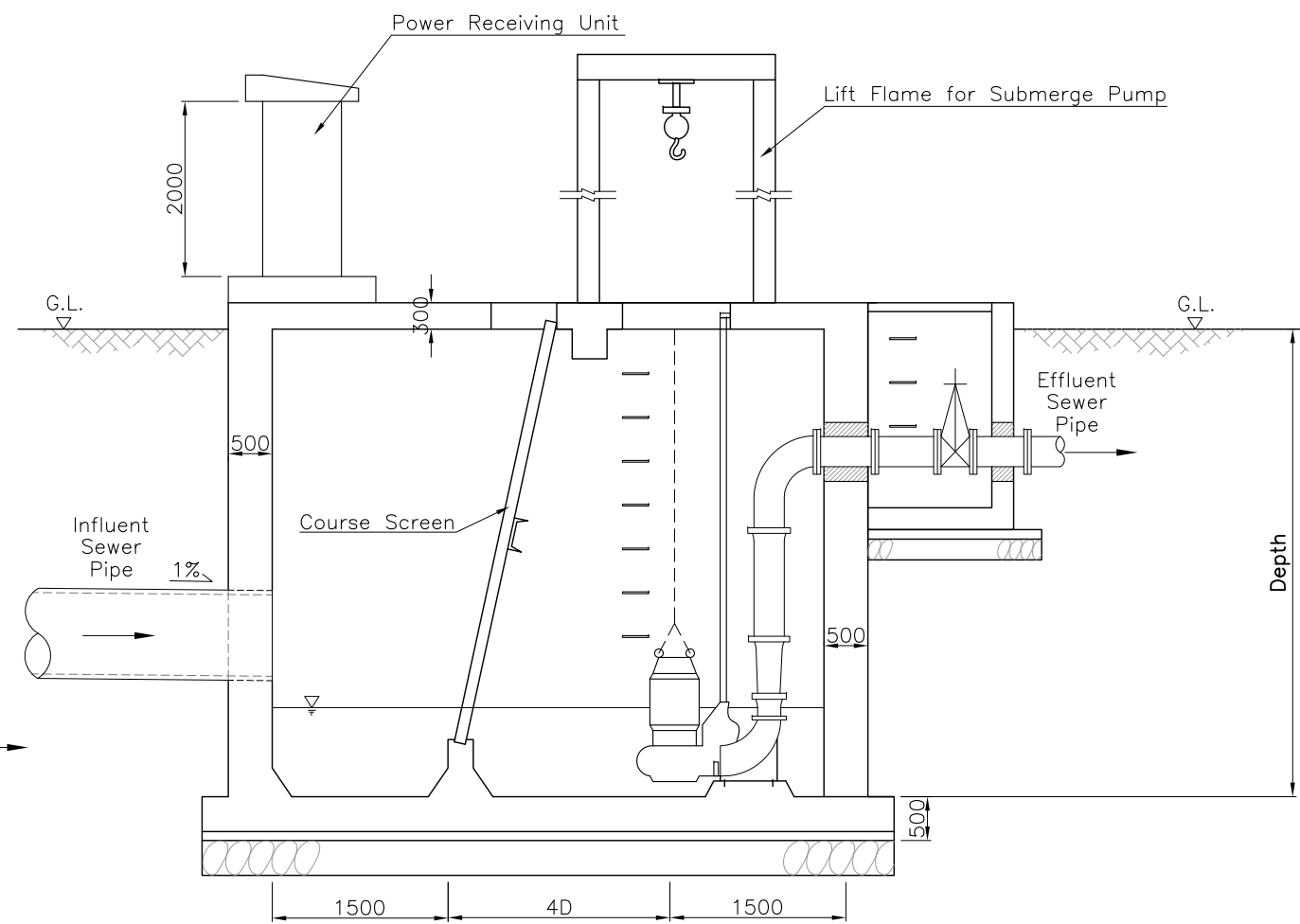


2b  
-  
**SECTION A**  
SCALE 1:30

PROJECT NAME:	FACILITY NAME:	SCALE:	TITLE:
DATA COLLECTION SURVEY FOR SEWERAGE SYSTEM IN WEST METRO MANILA	PUMPING STATION	1:30	TYPICAL LAYOUT OF MANHOLE PUMP STATION (LARGE) (PLAN & SECTION)
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	DRAWING NO.: PS - 2		



3a  
-  
SCALE 1:40  
**PLAN**



3b  
-  
SCALE 1:40  
**SECTION**

NOTES:

- N = Number of Pump
- D = Pump Section Diameter

PROJECT NAME:	FACILITY NAME:	SCALE:	TITLE:
DATA COLLECTION SURVEY FOR SEWERAGE SYSTEM IN WEST METRO MANILA	PUMPING STATION	1:40	TYPICAL LAYOUT OF LARGE PUMP STATION (WITH PUMP HOUSE) (PLAN & SECTION)
	DRAWING NO.:		
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	PS - 3		