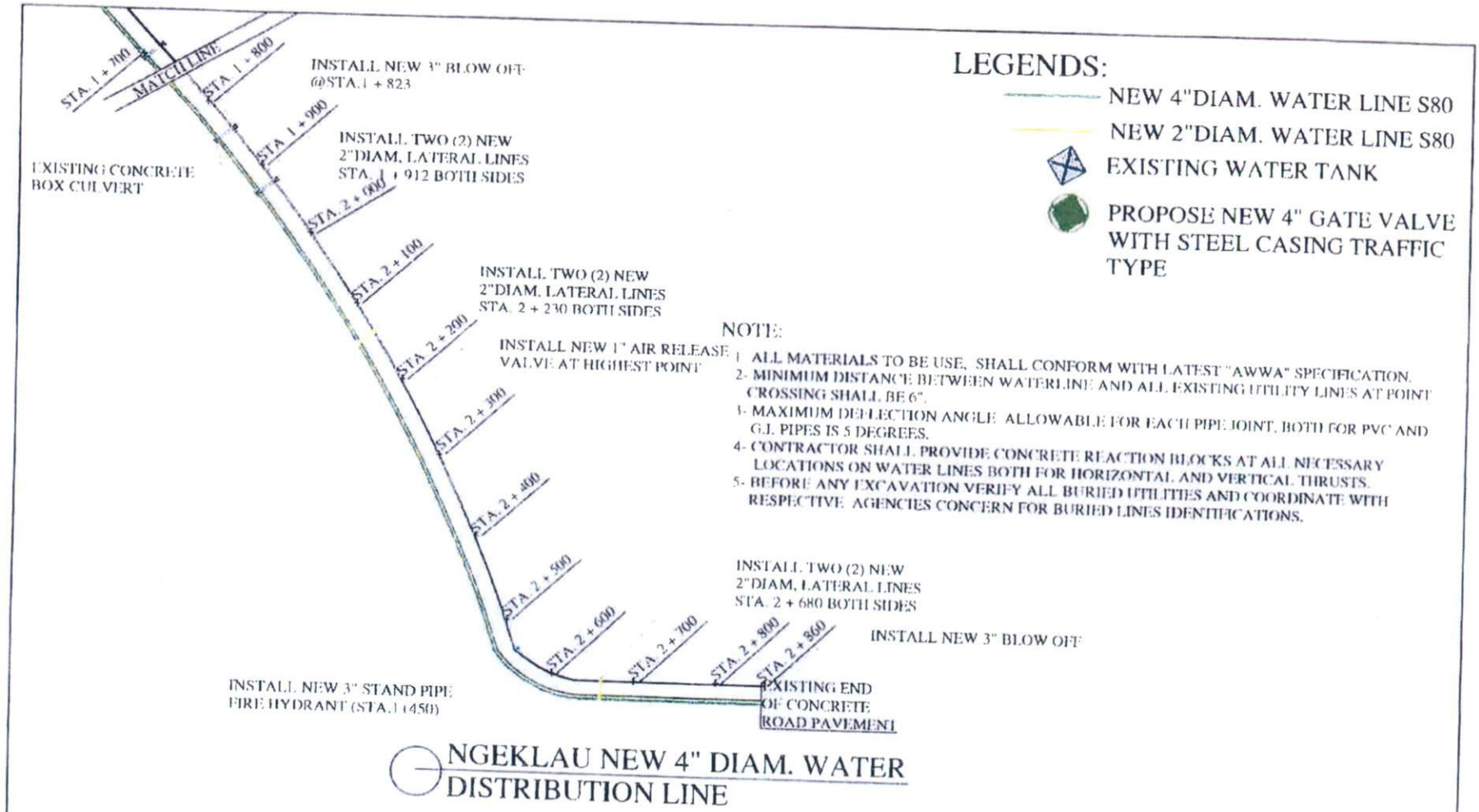






ATTACHMENT A :




LEGENDS:

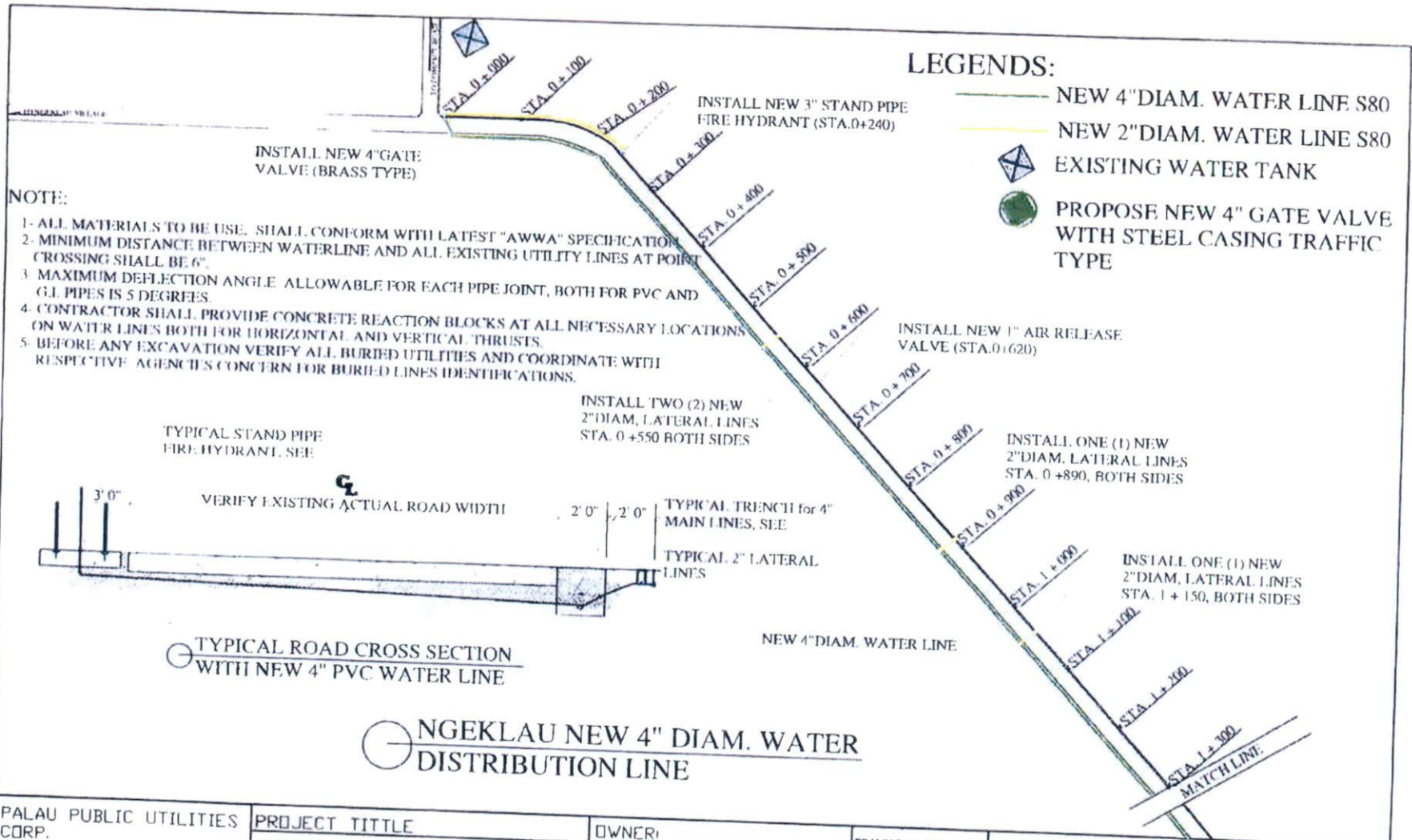
-  NEW 4"DIAM. WATER LINE S80
-  NEW 2"DIAM. WATER LINE S80
-  EXISTING WATER TANK
-  PROPOSE NEW 4" GATE VALVE WITH STEEL CASING TRAFFIC TYPE

NOTE:

- 1- ALL MATERIALS TO BE USE, SHALL CONFORM WITH LATEST "AWWA" SPECIFICATION.
- 2- MINIMUM DISTANCE BETWEEN WATERLINE AND ALL EXISTING UTILITY LINES AT POINT CROSSING SHALL BE 6".
- 3- MAXIMUM DEFLECTION ANGLE ALLOWABLE FOR EACH PIPE JOINT, BOTH FOR PVC AND G.I. PIPES IS 5 DEGREES.
- 4- CONTRACTOR SHALL PROVIDE CONCRETE REACTION BLOCKS AT ALL NECESSARY LOCATIONS ON WATER LINES BOTH FOR HORIZONTAL AND VERTICAL THRUSTS.
- 5- BEFORE ANY EXCAVATION VERIFY ALL BURIED UTILITIES AND COORDINATE WITH RESPECTIVE AGENCIES CONCERN FOR BURIED LINES IDENTIFICATIONS.

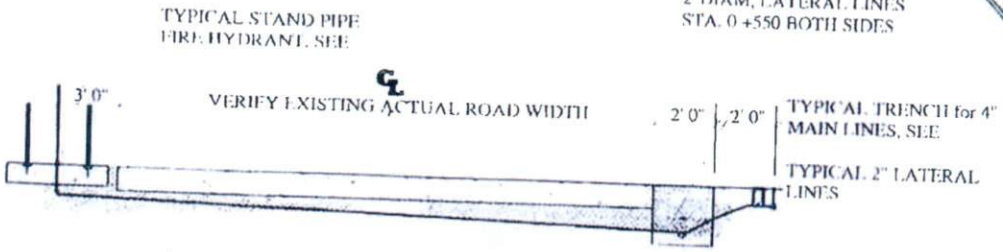
NGEKLAU NEW 4" DIAM. WATER DISTRIBUTION LINE

PALAU PUBLIC UTILITIES CORP. P.O. BOX 1372 KOROR, REPUBLIC OF PALAU TEL # 488-3872 FAX # 488-2880	PROJECT TITLE	OWNER:	DRAWN BY: SBM	SHEET CONTENT :	SHEET NO
	NEW NGEKLAU DISTRIBUTION LINE PROJECT	PALAU PUBLIC UTILITIES CORP.	DESIGN BY:	WATER SYSTEM GENERAL PLAN	
LOCATION: NGARAARD, PALAU		CHECKED BY:	APPROVED BY:		



- LEGENDS:**
- NEW 4" DIAM. WATER LINE S80
 - NEW 2" DIAM. WATER LINE S80
 - EXISTING WATER TANK
 - PROPOSE NEW 4" GATE VALVE WITH STEEL CASING TRAFFIC TYPE

- NOTE:**
- 1- ALL MATERIALS TO BE USE, SHALL CONFORM WITH LATEST "AWWA" SPECIFICATION
 - 2- MINIMUM DISTANCE BETWEEN WATERLINE AND ALL EXISTING UTILITY LINES AT POINT CROSSING SHALL BE 6"
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 - 4- CONTRACTOR SHALL PROVIDE CONCRETE REACTION BLOCKS AT ALL NECESSARY LOCATIONS ON WATER LINES BOTH FOR HORIZONTAL AND VERTICAL THRUSTS.
 - 5- BEFORE ANY EXCAVATION VERIFY ALL BURIED UTILITIES AND COORDINATE WITH RESPECTIVE AGENCIES CONCERN FOR BURIED LINES IDENTIFICATIONS.



TYPICAL ROAD CROSS SECTION WITH NEW 4" PVC WATER LINE





NGEKLAU NEW 4" DIAM. WATER DISTRIBUTION LINE

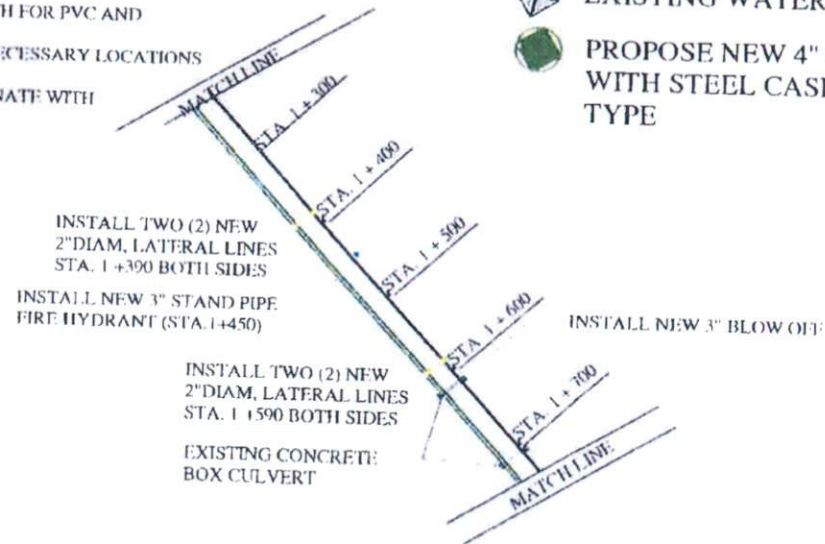
PALAU PUBLIC UTILITIES CORP. P.O. BOX 1372 KOROR, REPUBLIC OF PALAU TEL # 488-3872 FAX # 488-2880	PROJECT TITLE	OWNER:	DRAWN BY: SBM	SHEET CONTENT:	SHEET NO.:
	NEW NGEKLAU DISTRIBUTION LINE PROJECT LOCATION: NGARAARD, PALAU	PALAU PUBLIC UTILITIES CORP.	DESIGN BY: CHECKED BY: APPROVED BY:	WATER SYSTEM GENERAL PLAN	<div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; display: flex; align-items: center; justify-content: center; margin: auto;"> 1 of </div>

NOTE:

- 1- ALL MATERIALS TO BE USE, SHALL CONFORM WITH LATEST "AWWA" SPECIFICATION.
- 2- MINIMUM DISTANCE BETWEEN WATERLINE AND ALL EXISTING UTILITY LINES AT POINT CROSSING SHALL BE 6".
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- 4- CONTRACTOR SHALL PROVIDE CONCRETE REACTION BLOCKS AT ALL NECESSARY LOCATIONS ON WATER LINES BOTH FOR HORIZONTAL AND VERTICAL THRUSTS.
- 5- BEFORE ANY EXCAVATION VERIFY ALL BURIED UTILITIES AND COORDINATE WITH RESPECTIVE AGENCIES CONCERN FOR BURIED LINES IDENTIFICATIONS.

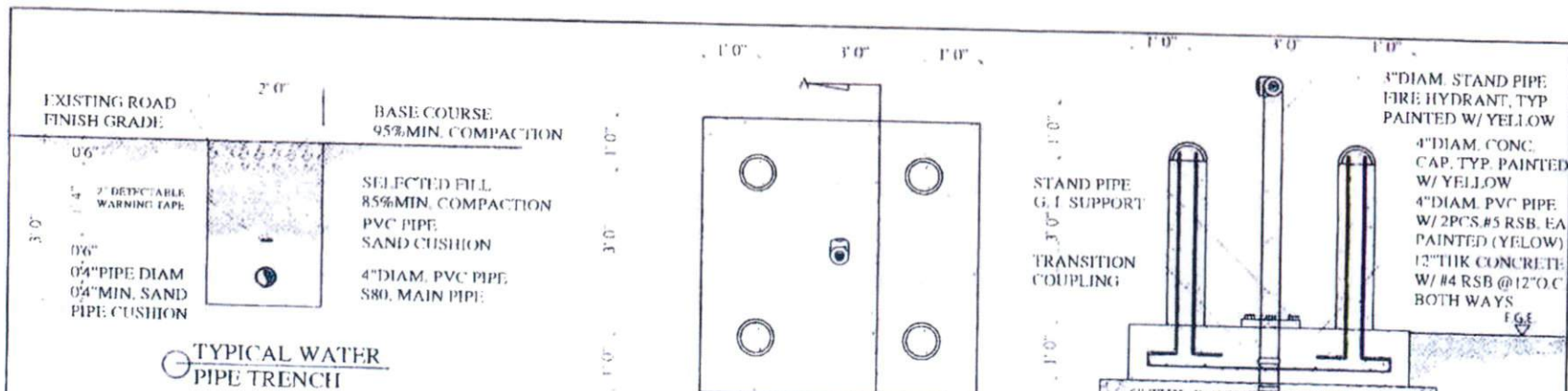
LEGENDS:

-  NEW 4"DIAM. WATER LINE S80
-  NEW 2"DIAM. WATER LINE S80
-  EXISTING WATER TANK
-  PROPOSE NEW 4" GATE VALVE WITH STEEL CASING TRAFFIC TYPE

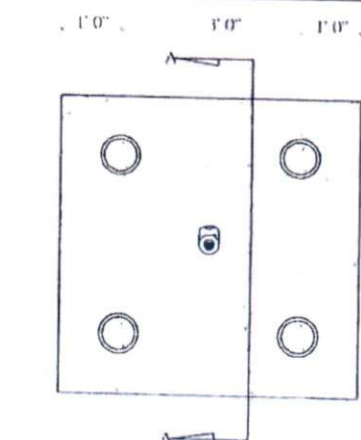


NGEKLAU NEW 4" DIAM. WATER DISTRIBUTION LINE

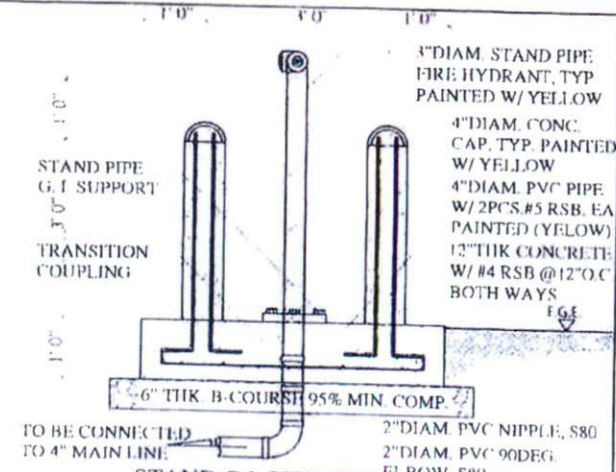
PALAU PUBLIC UTILITIES CORP. P.O. BOX 1372 KOROR, REPUBLIC OF PALAU TEL # 488-3872 FAX # 488-2880	PROJECT TITLE	OWNER	DRAWN BY: SBM	SHEET CONTENT:	SHEET NO.:
	NEW NGEKLAU DISTRIBUTION LINE PROJECT LOCATION: NGARAARD, PALAU	PALAU PUBLIC UTILITIES CORP.	DESIGN BY:	WATER SYSTEM GENERAL PLAN	2 of
		CHECKED BY:			
			APPROVED BY:		



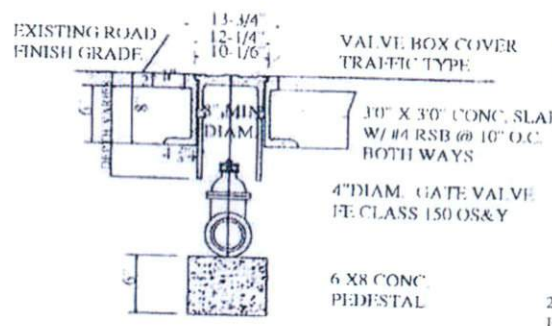
TYPICAL WATER PIPE TRENCH



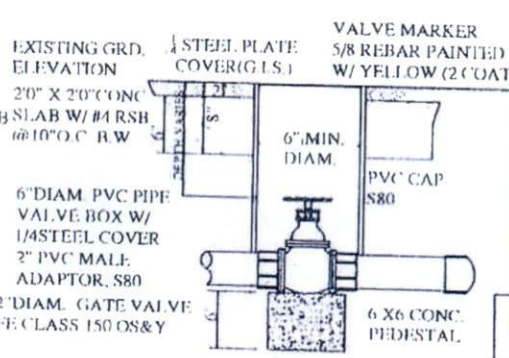
STAND G.I. PIPE FIRE HYDRANT PLAN



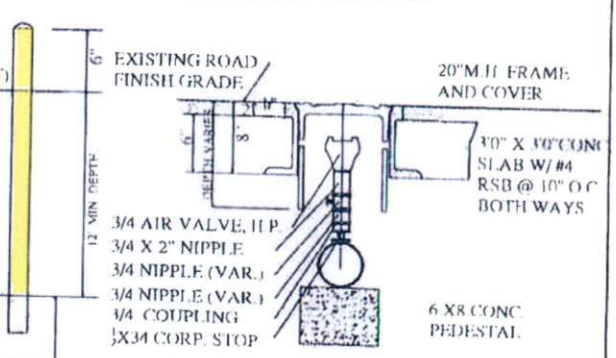
STAND G.I. PIPE FIRE HYDRANT, SECTION A-A



DETAIL OF VALVE BOX FRAME & INSTALL. OF GATE VALVES



DETAIL OF 2" DIAM. GATE VALVE VALVE BOX FRAME & INSTALL.



DETAIL OF 3/4 AIR RELIEF VALVE

PALAU PUBLIC UTILITIES CORP. P.O. BOX 1372 KOROR, REPUBLIC OF PALAU TEL # 488-3872 FAX # 488-2880	PROJECT TITLE NEW NGEKLAU DISTRIBUTION LINE PROJECT	OWNER: PALAU PUBLIC UTILITIES CORP.	DRAWN BY: SBM DESIGN BY: CHECKED BY: APPROVED BY:	SHEET CONTENT: WATER SYSTEM DETAILS PLAN	SHEET NO.: <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; display: flex; align-items: center; justify-content: center;"> 3 of </div>
	LOCATION: NGARAARD, PALAU				