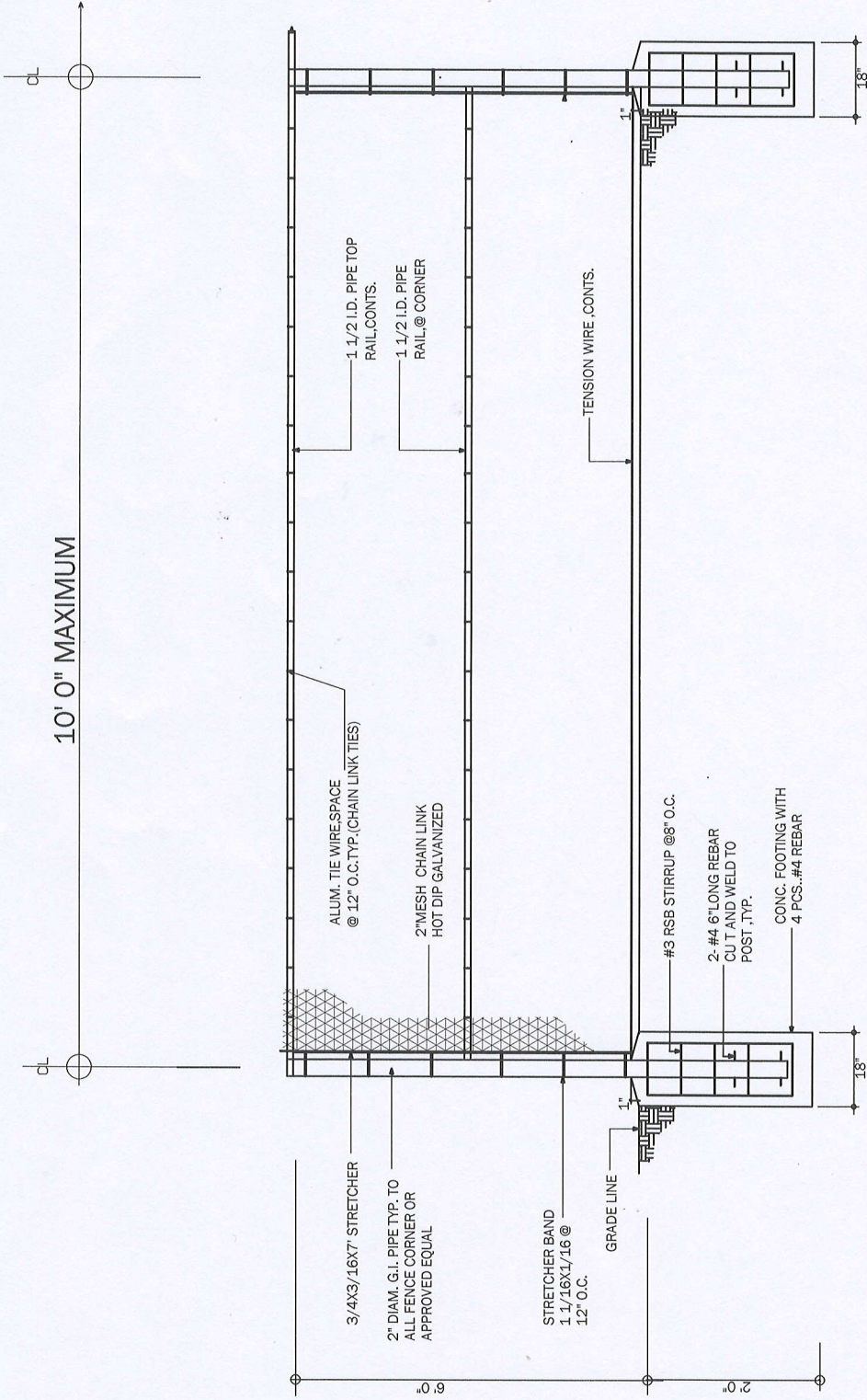


SCOPE OF WORKS AND SPECIFICATIONS:

A: REHABILITATION / REPAIR WORKS:

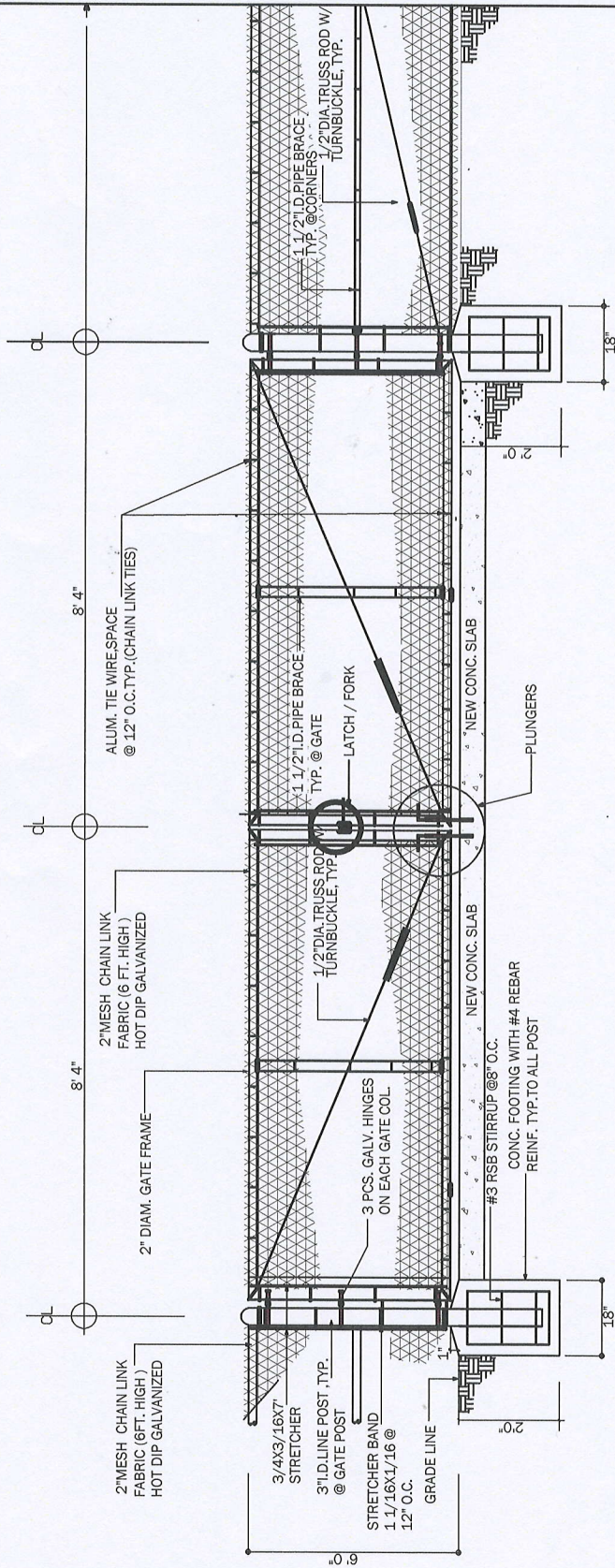
- 1- INSPECT / CHECK THE WHOLE LENGTH OF THE EXISTING PERIMETER FENCE.
- 2- IDENTIFY SUCH AS BUT NOT LIMITED TO DAMAGE EXISTING PERIMETER FENCE STEEL COLUMN, TOP RAIL PIPE, ETC.
- 3- REPAIR / REPLACE ALL THAT IS IDENTIFIED TO BE REPLACE WITH SAME SPECIFICATION OR BETTER.
- 4- FABRICATE AND INSTALL NEW ACCESS GATE AND NEW ENTRANCE GATE SEE ATTACHED SKETCH PLAN FOR DETAILS. ALL REINFORCING BARS SHOULD BE GRADE 40 AND ALL CONCRETE SHOULD BE 3,000 PSI AT 21 CALENDAR DAYS.
- 5- REPLACE ALL EXISTING CYCLONE WITH GA. 9 HOT DIP GALVANIZED CYCLONE FENCE, FOR MORE DETAILS SEE ATTACHED SKETCH PLAN FOR TYPICAL FENCE DETAIL.
- 6- DISPOSE ALL OLD MATERIALS TO WO PPU C APPROVED DISPOSAL AREA.
- 7- ALL WORKS SHOULD BE PROPERLY COORDINATED TO WO MANAGER OR HIS DESIGNEE.
- 8- CONTRACTORS RESPONSIBILITY TO PROVIDE ALL NECESSARY TOOLS, SAFETY EQUIPMENT AND OTHER MATERIALS NEEDED FOR THIS PROJECT.

PALAU PUBLIC UTILITIES CORP.		PROJECT TITLE		OWNER:		DRAWN BY: SBM		SHEET CONTENT :		SHEET NO.:	
P.O. BOX 1312 KOROR, REPUBLIC OF PALAU TEL. # 488-3872 FAX # 488-2880		KAYANGEL WATER FACILITY PERIMETER FENCE REPAIR		PALAU PUBLIC UTILITIES CORP.		DESIGN BY:		SCOPE OF WORKS & SPECIFICATION			
		LOCATION:				CHECKED BY:					
						APPROVED BY:					



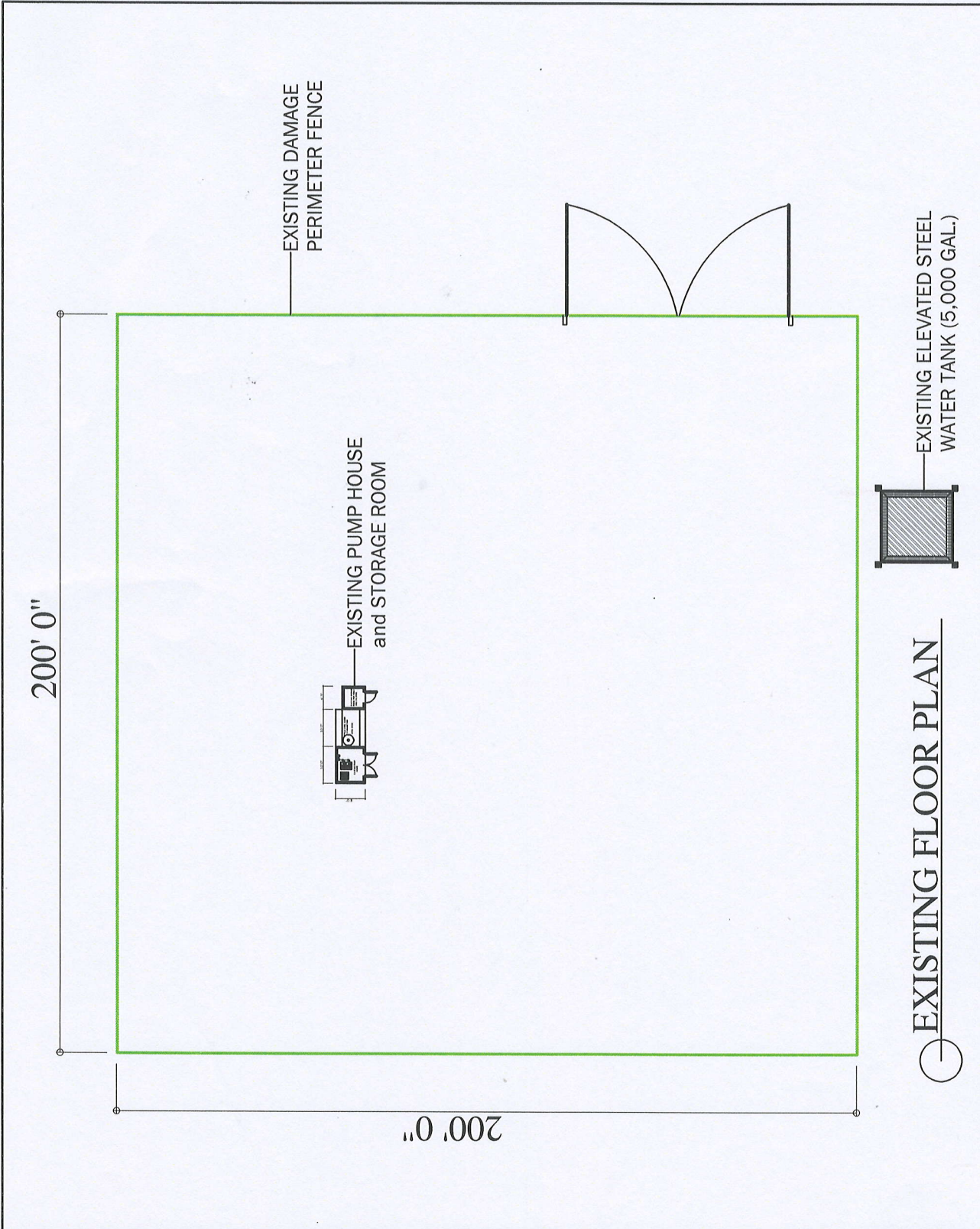
TYP. CORNER AND LINE POST DETAIL

PALAU PUBLIC UTILITIES CORP. P.O. BOX 1372 KOROR, REPUBLIC OF PALAU TEL. # 4-88-3872 FAX # 4-88-2880	PROJECT TITLE KAYANGEL WATER FACILITY PERIMETER FENCE REPAIR LOCATION:	OWNER: PALAU PUBLIC UTILITIES CORP.	DRAWN BY: SBM DESIGN BY: CHECKED BY: APPROVED BY:	SHEET CONTENT : PERIMETER FENCE ELEV.	SHEET NO.:
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TYP. GATE DESIGN / CONNECTION

PALAU PUBLIC UTILITY CORP.	PROJECT TITLE	OWNER:	DRAWN BY: SBM	SHEET CONTENT :	SHEET NO.:
	KAYANGEL WATER FACILITY PERIMETER FENCE REPAIR	PALAU PUBLIC UTILITY CORP.			
P.O. BOX 1372 KOROR, REPUBLIC OF PALAU TEL. # 488-3872 FAX # 488-2880	LOCATION:		DESIGN BY:		
			CHECKED BY:		
			APPROVED BY:		



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 NO.:
	KAYANGEL WATER FACILITY PERIMETER FENCE REPAIR LOCATION:	PALAU PUBLIC UTILITIES CORP.	DESIGN BY: CHECKED BY:	EXISTING FLOOR PLAN

Detailed Estimate Sheet

Project: **KAYANGEL WATER FACILITY**
VARIOUS IMPROVEMENT
EXISTING PERIMETER FENCE REPAIR WORKS

Item	DESCRIPTION	QTY.	UNIT
1	Equipment / MOBILIZATION		
	Manpower	24	DAYS
	MATERIALS BY BOAT	1	C.Y.
	MATERIALS BY LAND	6	TRIP
2	EARTH WORKS		
	EXCAVATION	1	C.Y.
	DISPOSAL	1	C.Y.
	POLYTHELENE SHEET	1	ROLLS
	SILT FENCE	1	ROLLS
	CONTINGECY	1	L.S.
3	Labor (24) days		
	1 - Foreman	24	c.days
	3 -MASON / CARPENTER	72	c.days
	2- SKILLED	48	c.days
4	FENCE MATERIALS		
	3" DIAM. G. I. PIPE	2	PCS.
	1 1/2" DIAM. G. I. PIPE	64	PCS.
	6' HIGH CYCLONE WIRE	42	ROLLS
	3" DIAM. G. I. ANCHOR RING	24	PCS.
	3/4 X 7 G.I. FLAT BAR	10	PCS.
	ALUMINUM TIES	2400	PCS.
	BLACK TAR	8	GAL.
	TENSION WIRE	900	L.F.
	WELDING ROD	4	BOX
	CUTTING TOOLS	20	PCS.
	PAINT BRUSH	8	PCS.
	CONTINGENCY	1	L.S.
5	FENCE CONCRETE FOOTING AND SLAB		
	BASE COURSE	0.5	C.Y.
	3/4 GRAVEL	1	C.Y.
	SAND	0.5	C.Y.
	CEMENT	7	BGS.
	#3 RSB	4	PCS.
	#4 RSB	4	PCS.
	CONTINGENCY	1	L.S.

Detailed Estimate Sheet

Project: **KAYANGEL WATER FACILITY**
VARIOUS IMPROVEMENT
NEW ENTRANCE GATE

Item	DESCRIPTION	QTY.	UNIT
1	Equipment		
	Manpower	5	c.days
	WELDING MACHINE	5	c.days
	OTHER MATERIALS	1	TRIP
2	EARTH WORKS		
	EXCAVATION	1	C.Y.
	DISPOSAL	1	C.Y.
	CONTINGECY	1	L.S.
3	Labor (5) days		
	1 - Foreman	5	c.days
	2 -MASON / CARPENTER	10	c.days
	2- SKILLED	10	c.days
4	FENCE MATERIALS		
	3" DIAM. G. I. PIPE	1	PCS.
	1 1/2" DIAM. G. I. PIPE	4	PCS.
	6' HIGH CYCLONE WIRE	12	L.F.
	3" DIAM. G. I. ANCHOR RING	12	PCS.
	3/4 X 7 G.I. FLAT BAR	4	PCS.
	1 1/2" DIAM. G. I. ANCHOR RING	12	PCS.
	BARBED WIRE 3 STRAND	36	PCS.
	ALUMINUM TIES	100	PCS.
	HINGES	6	SETS
	GATE LOCK	1	SET
	PLUNGER	2	SETS
	PAINTING	1	L.S.
	CONTINGENCY	1	L.S.
5	FENCE CONCRETE FOOTING AND SLAB		
	3/4 GRAVEL	1	C.Y.
	SAND	0.5	C.Y.
	CEMENT	7	BGS.
	#3 RSB	2	PCS.
	#4 RSB	2	PCS.

Detailed Estimate Sheet

Project: **KAYANGEL WATER FACILITY**
VARIOUS IMPROVEMENT
ACCESS GATE

Item	DESCRIPTION	QTY.	UNIT
1	Equipment		
	Manpower	3	c.days
	OTHER MATERIALS	1	TRIP
2	EARTH WORKS		
	ROCK EXCAVATION	1	C.Y.
	ROCK DISPOSAL	1	C.Y.
	CONTINGECY	1	L.S.
3	Labor (3) days		
	1 - Foreman	3	c.days
	2 -MASON / CARPENTER	6	c.days
	2- SKILLED	6	c.days
4	FENCE MATERIALS		
	3" DIAM. G. I. PIPE	1	PCS.
	1 1/2" DIAM. G. I. PIPE	2	PCS.
	6' HIGH CYCLONE WIRE	4	L.F.
	3" DIAM. G. I. ANCHOR RING	12	PCS.
	3/4 X 7 G.I. FLAT BAR	4	PCS.
	1 1/2" DIAM. G. I. ANCHOR RING	12	PCS.
	BARBED WIRE 3 STRAND	12	PCS.
	ALUMINUM TIES	50	PCS.
	HINGES	6	SETS
	GATE LOCK	1	SET
	PLUNGER	2	SETS
	CONTINGENCY	1	L.S.
5	FENCE CONCRETE FOOTING AND SLAB		
	3/4 GRAVEL	0.5	C.Y.
	SAND	0.25	C.Y.
	CEMENT	3	BGS.
	#3 RSB	1	PCS.
	#4 RSB	1	PCS.