

Appendix 8

Drawings of proposed mineral processing plant

- Fig. 1** General layout of mineral processing plant
- Fig. 2** General arrangement of primary crushing plant
- Fig. 3** General arrangement of secondary & tertiary crushing plant
- Fig. 4** General arrangement of fine ore stockpile
- Fig. 5** General arrangement of fine ore stockpile and ball mill
- Fig. 6** General arrangement of ball mill & flotation plant
- Fig. 7** General arrangement of filter plant & concentrate stockyard
- Fig. 8** General arrangement of tailing thickener



Fig. 1 General layout of mineral processing plant

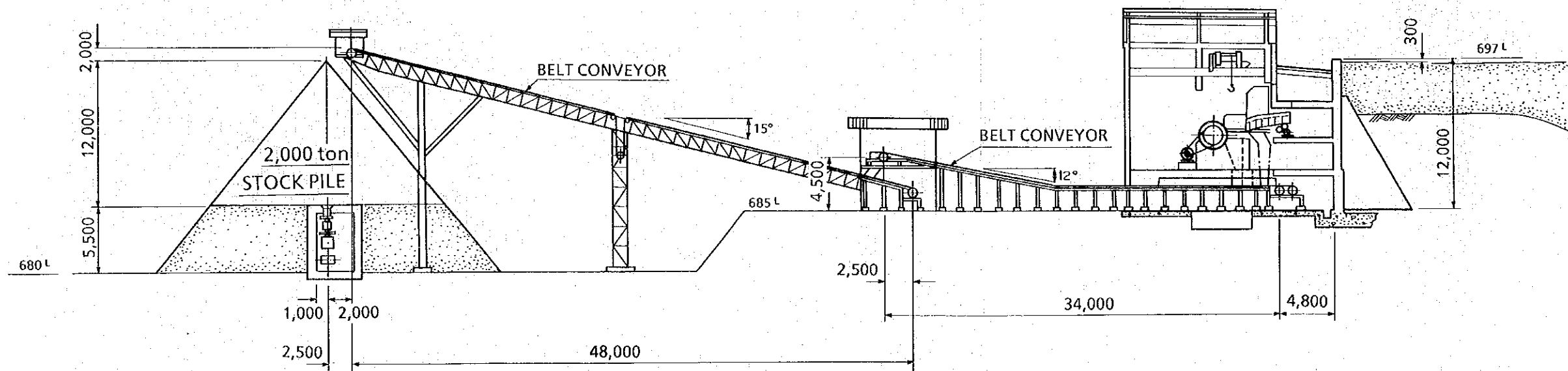
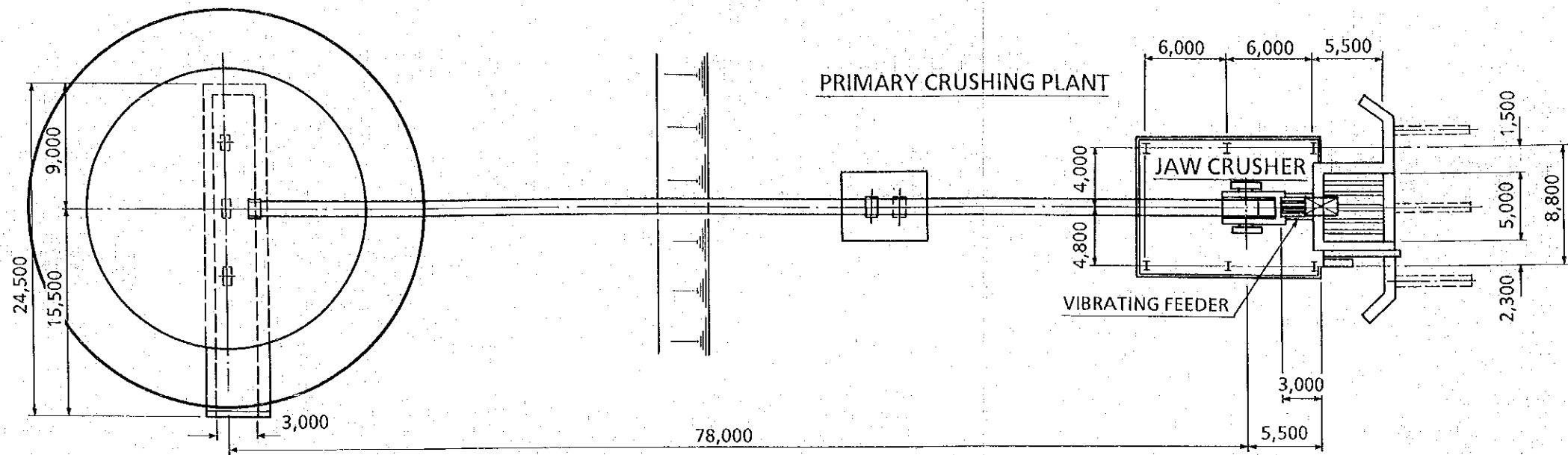


Fig. 2 General arrangement of primary crushing plant

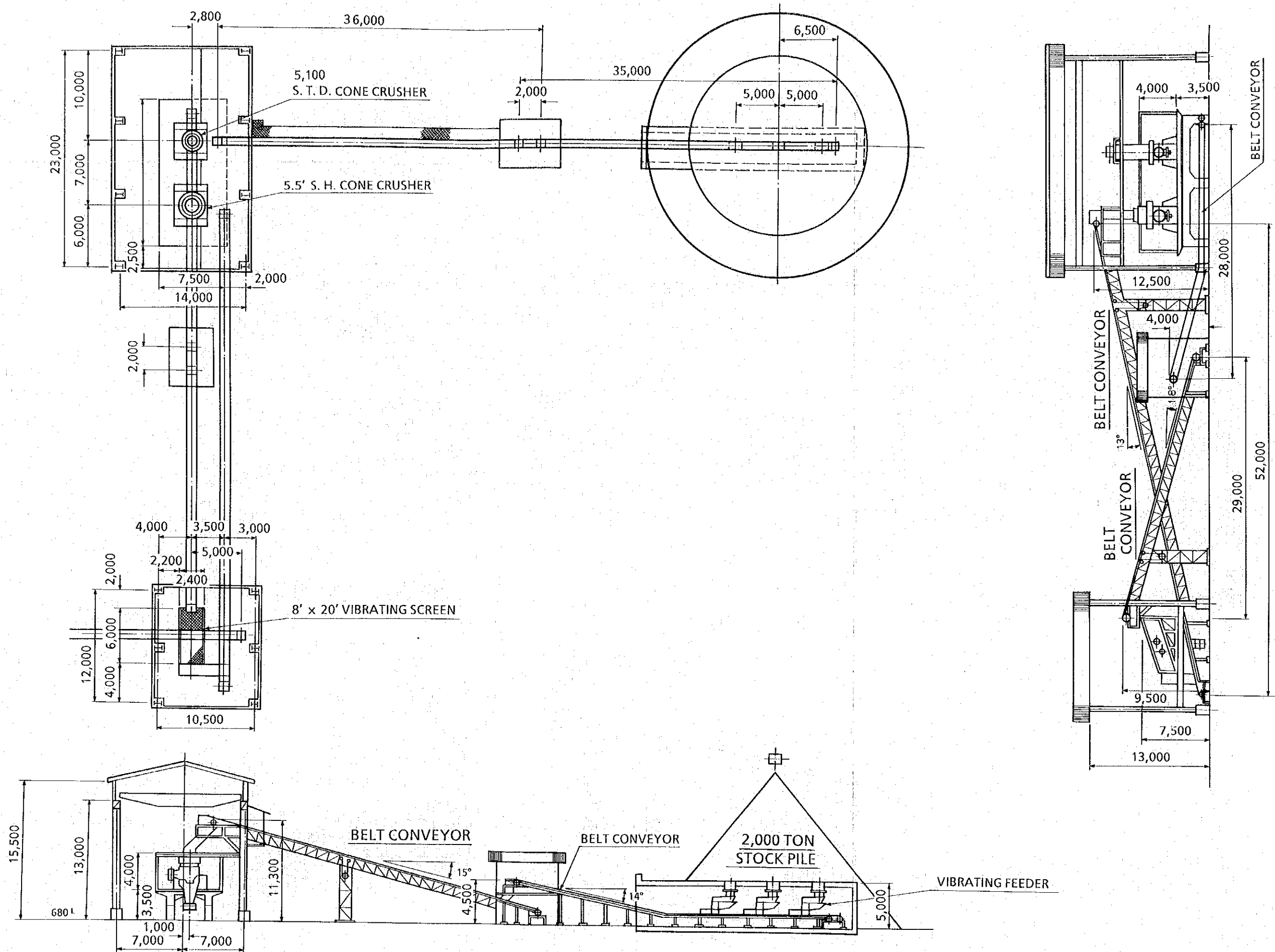


Fig. 3 General arrangement of secondary & tertiary crushing plant

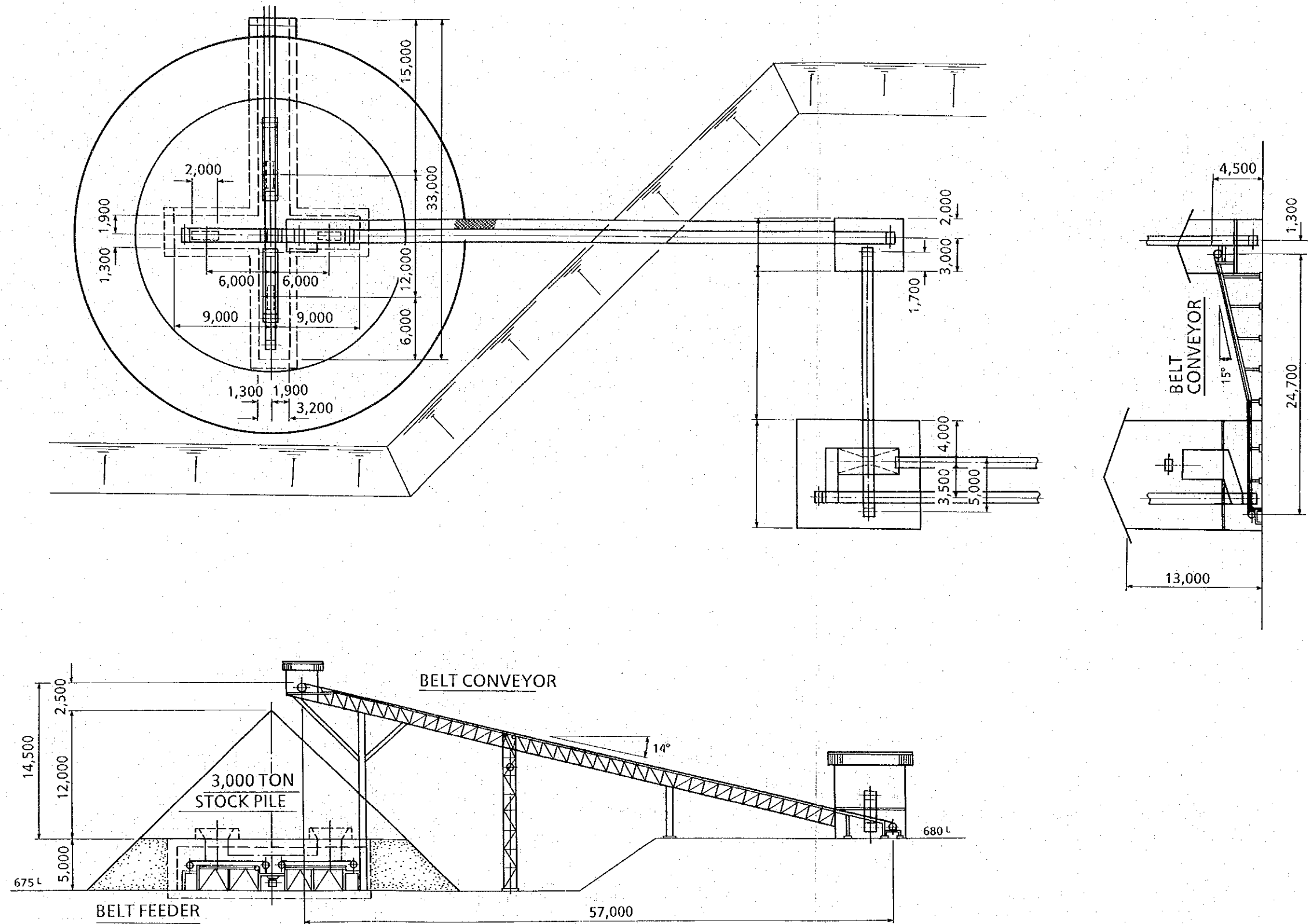


Fig. 4 General arrangement of fine ore stockpile

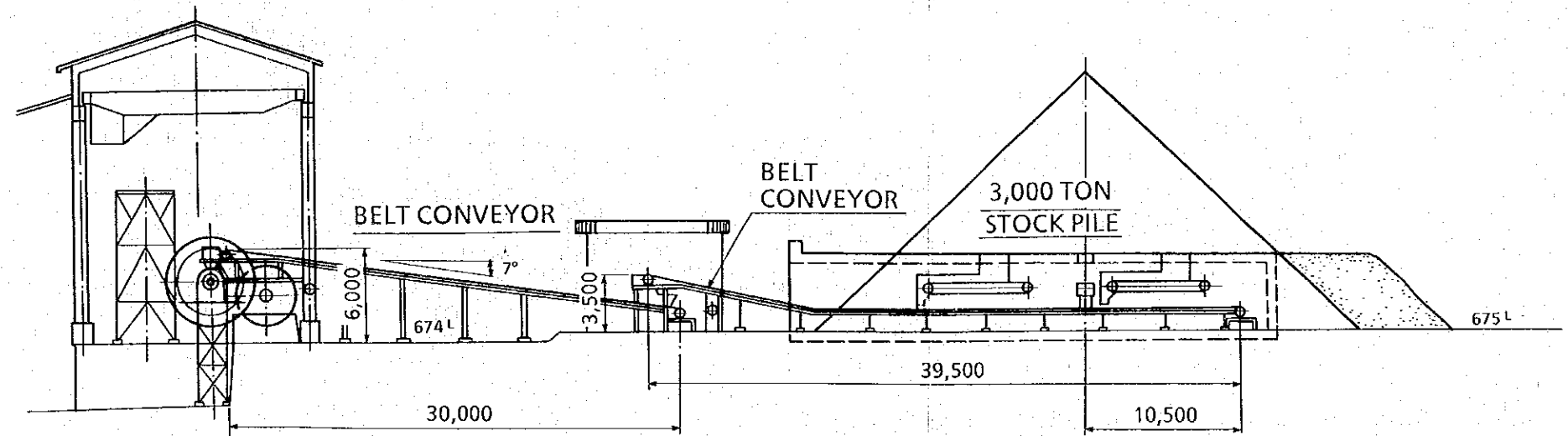
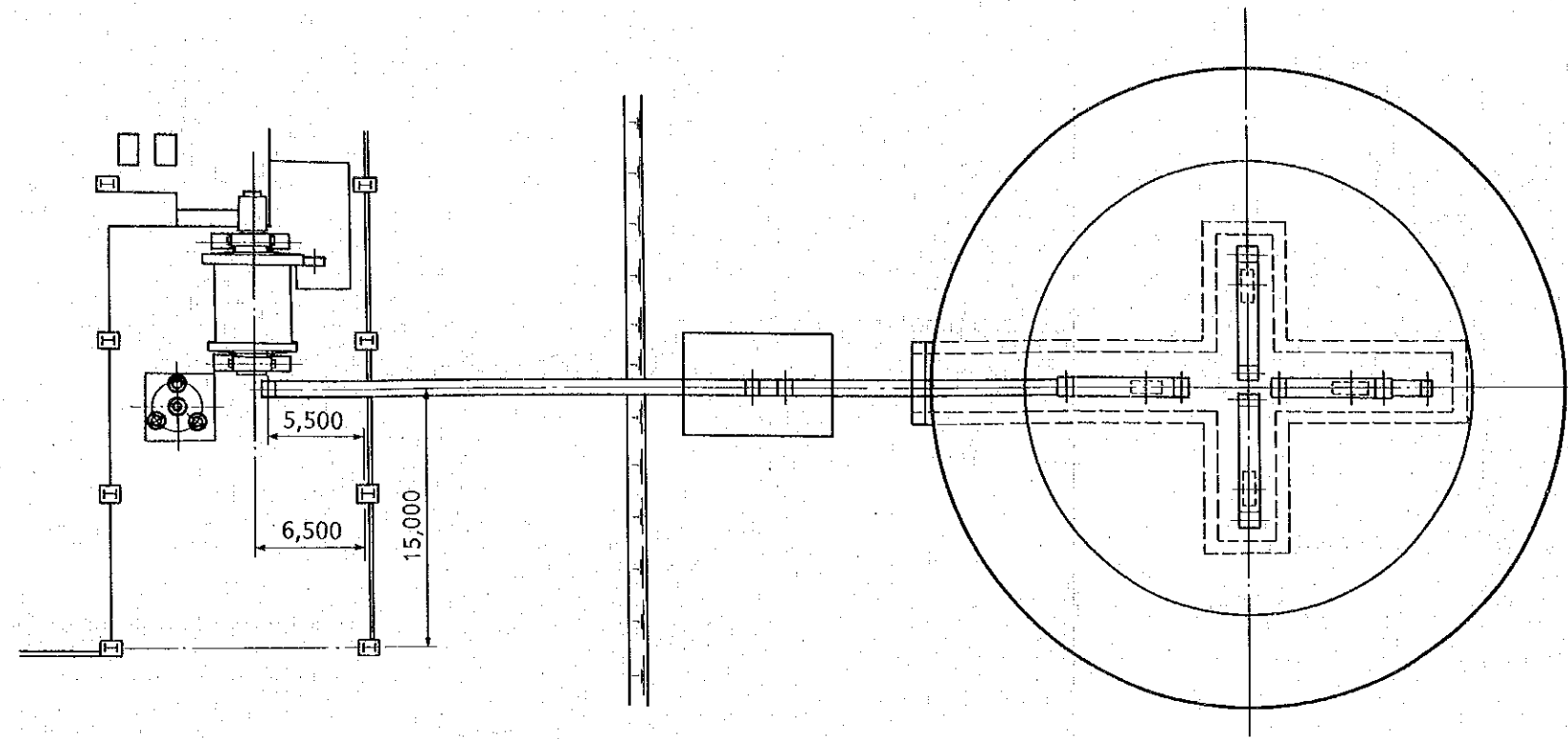


Fig. 5 General arrangement of fine ore stockpile and ball mill

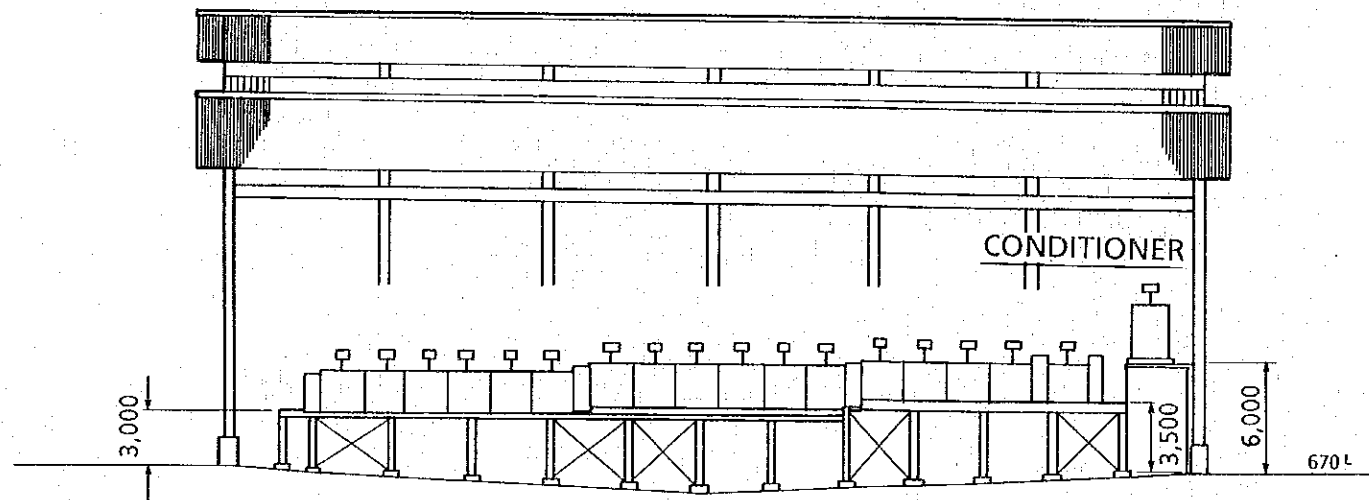
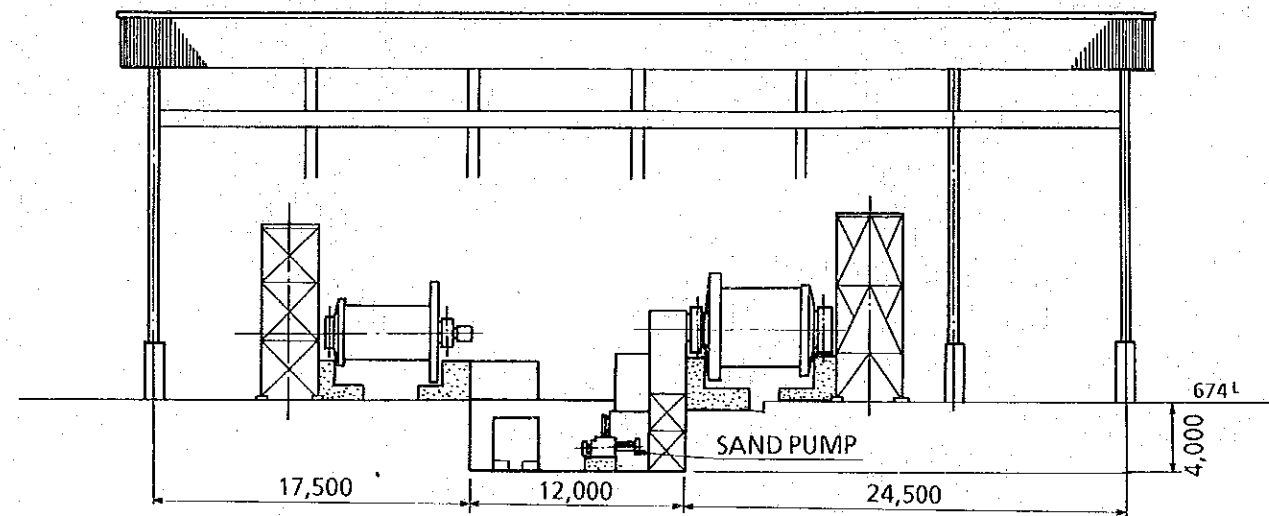
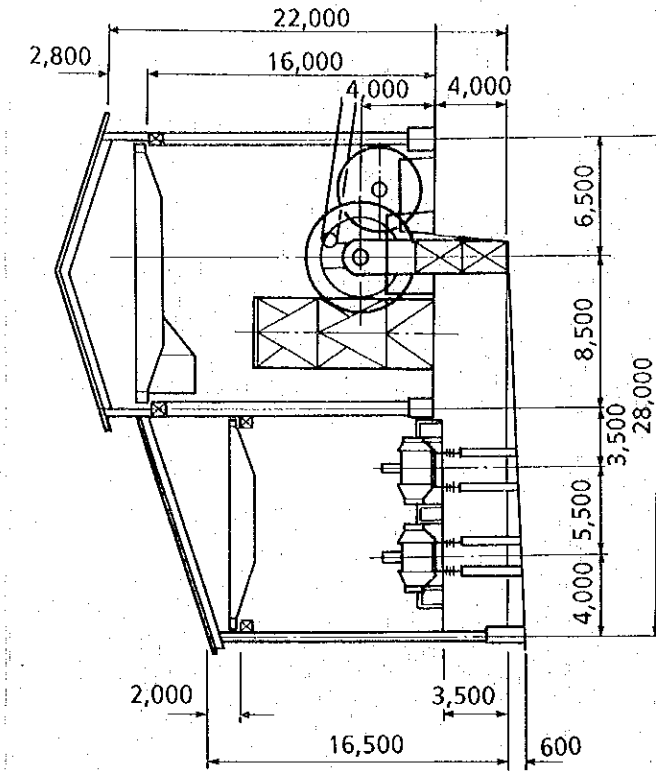
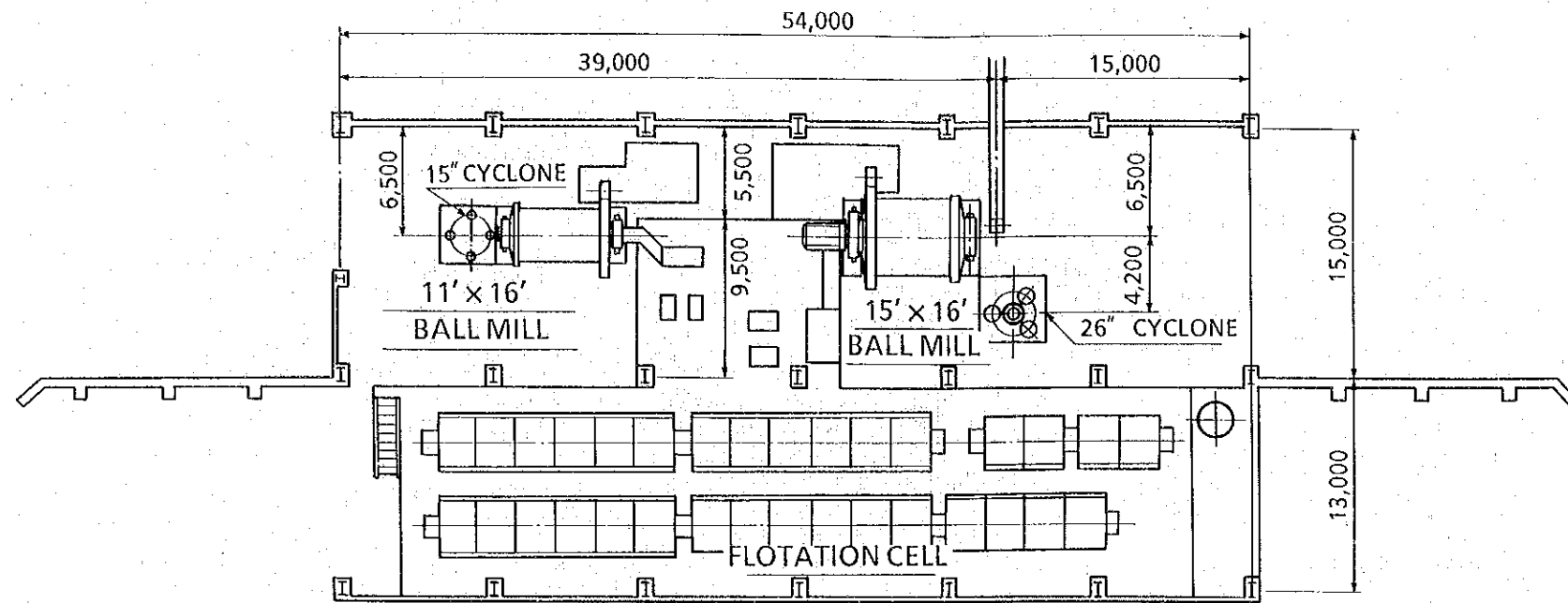


Fig. 6 General arrangement of ball mill & flotation plant.

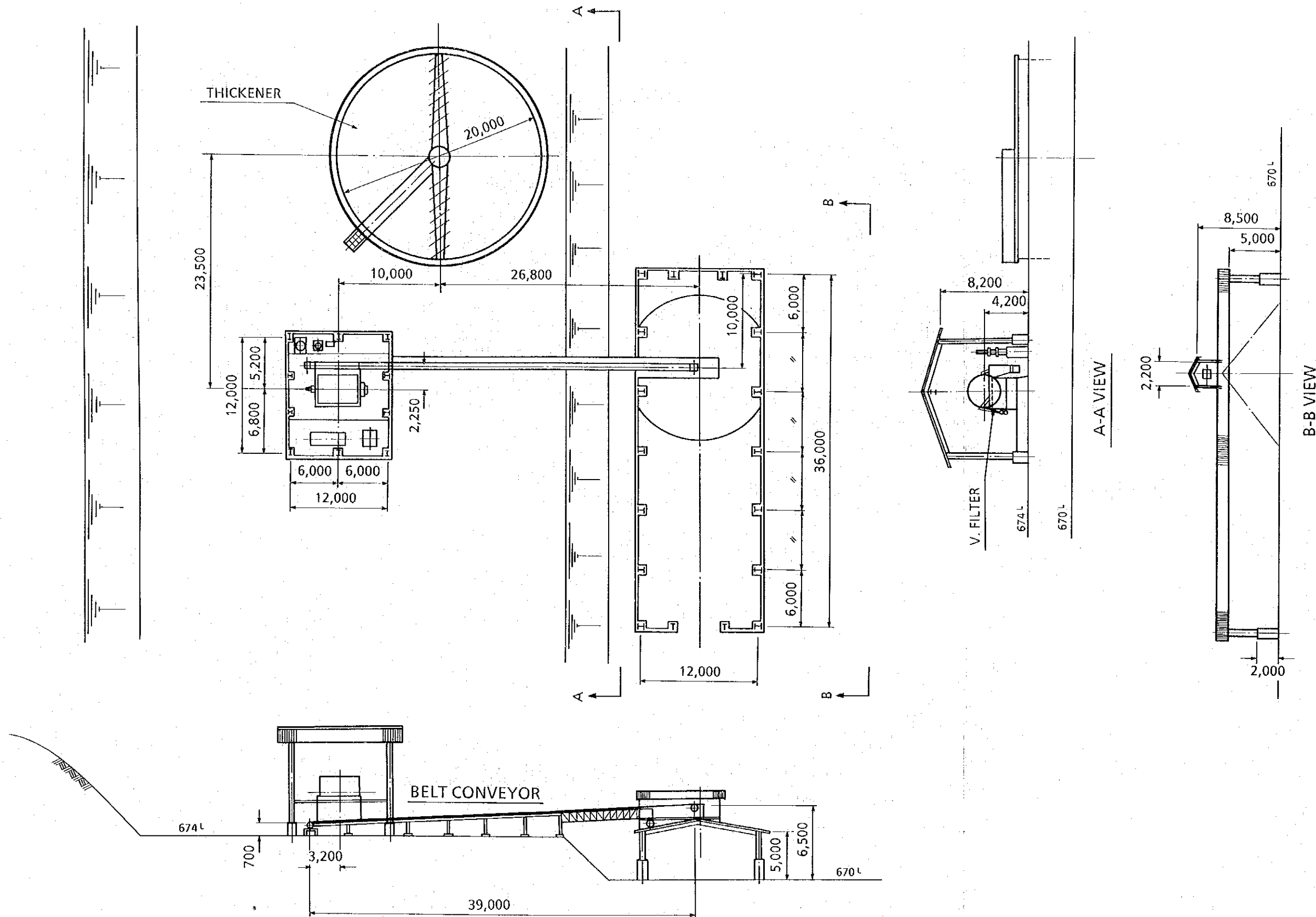


Fig. 7 General arrangement of filter plant & concentrate stockyard

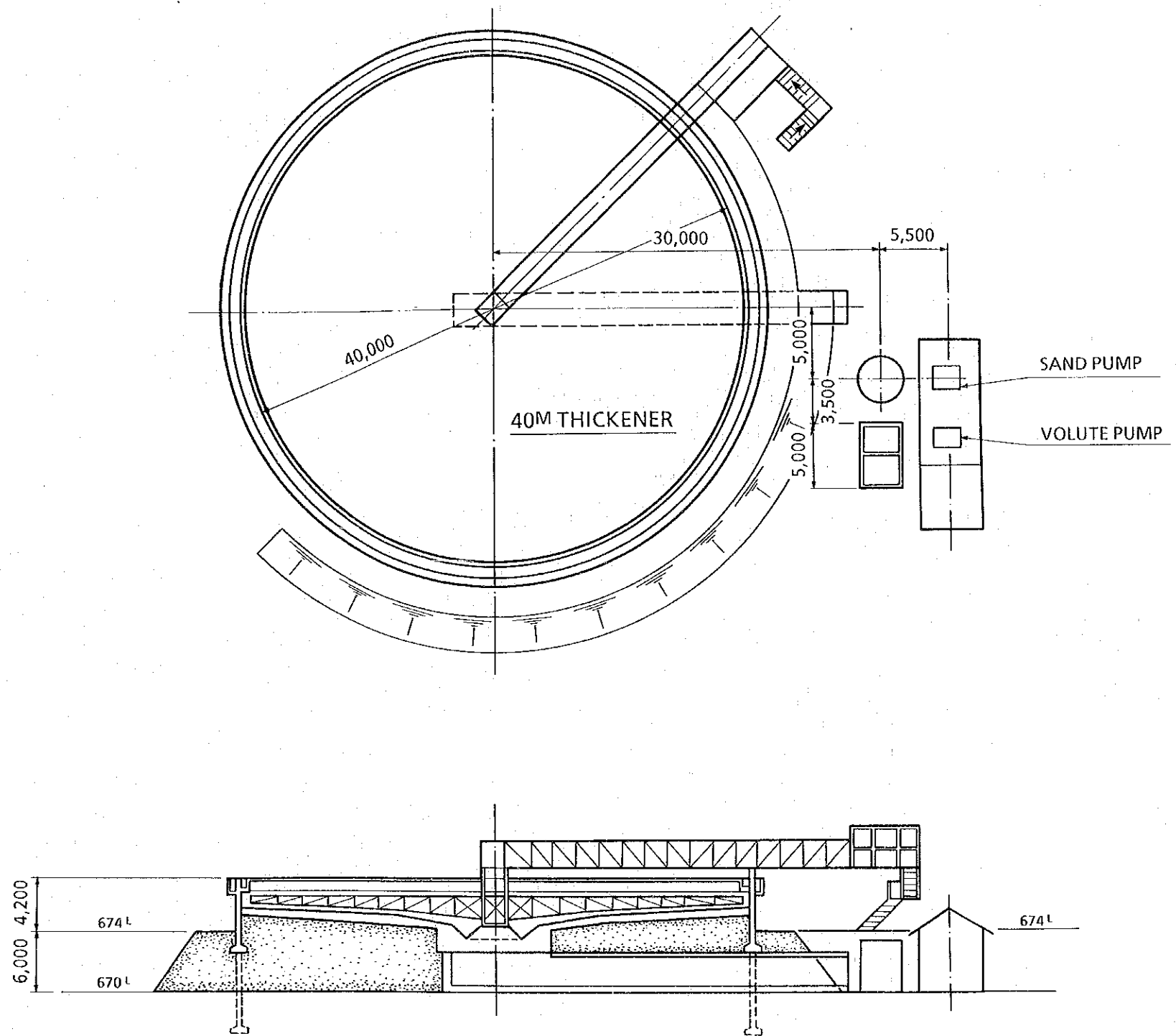
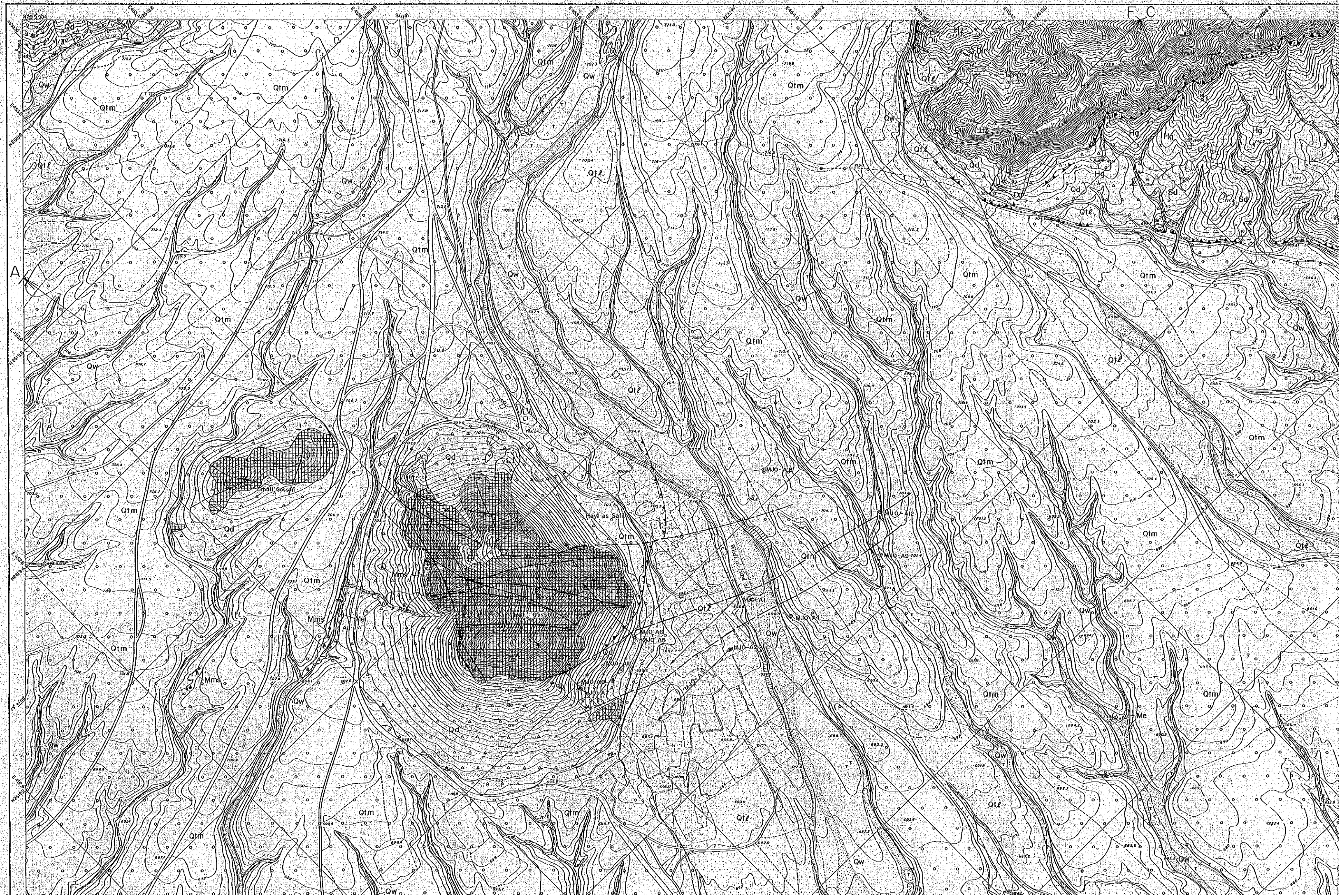


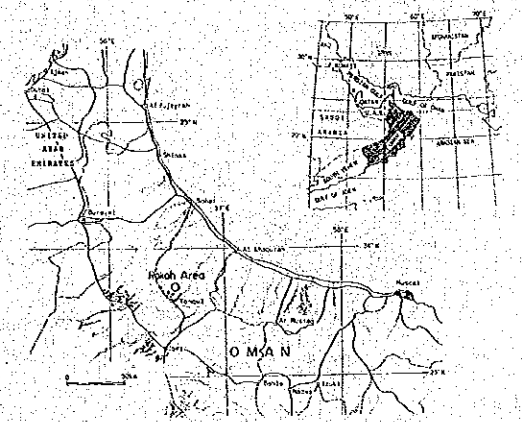
Fig. 8 General arrangement of tailing thickener

RAKAH A AREA



REPORT ON THE MINERAL EXPLORATION
IN
THE RAKAH AREA, SULTANATE OF OMAN

GEOLOGIC MAP OF AREA A



JAPAN INTERNATIONAL COOPERATION AGENCY
METAL MINING AGENCY OF JAPAN
FEBRUARY, 1990

Scale 1 : 2,000
0 20 40 60 80 100 120 140 160 180 200m

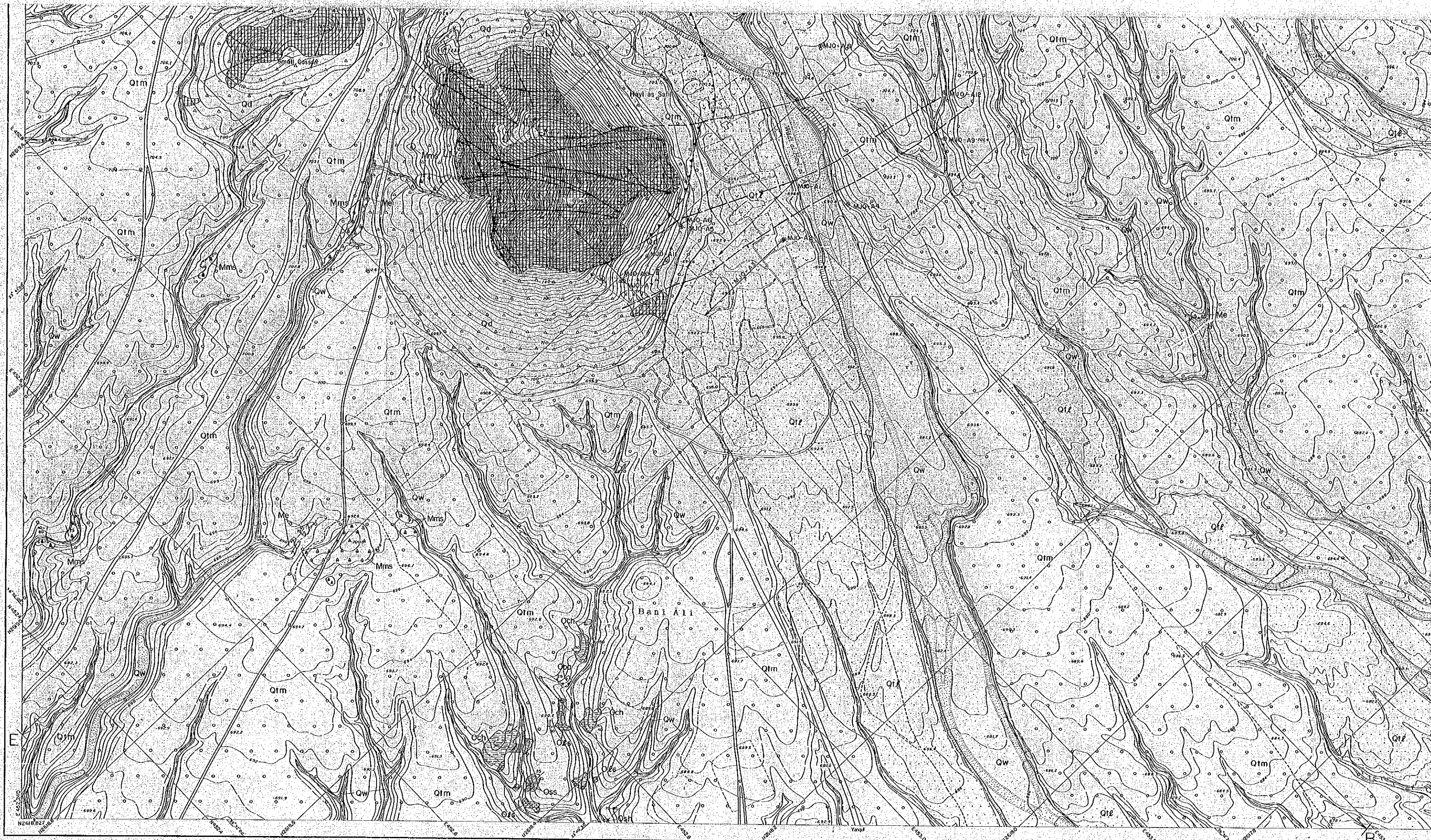


LEGEND

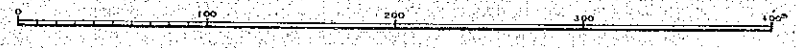
Quaternary	Wadi Sediments	Qw, Gravel, sand
	Debris	Qd, Talus breccia
Pleistocene	Terrace Deposits	Qtl, Gravel, sand
		Qtm, Gravel, sand
Late Cretaceous	Batimah Olistostrome	Ols, Olistolith of limestone
		Och, Olistolith of chert
Samail Nappe	Samail Volcanic Rocks	Osh, Olistolith of shale
		Oss, Olistolith of sandstone
Early to Middle Cretaceous	Samail Ophiolite	Oba, Olistolith of basalt
		Me, Pillow lavas
Intrusive Rocks	Tectonites	Mms, Massive lavas
		Mm, Metalliferous sediments
Lower Volcanic Rocks	Lower Extrusives I	Lll, Pillow and massive lavas
		Ll, Pillow lavas
Sheeted-dyke Complex	Cumulate Sequence	Sd, Sheeted dykes
		Hg, High-level gabbro
High-level Gabbro	Cumulate Sequence	Cg, Cumulate layered gabbro
		Hx, Harzburgite
Dumite	Chromitite	Du, Dumite
		Cr, Chromitite
Gabbro	Dykes	Ga, Gabbro
		D, Dykes

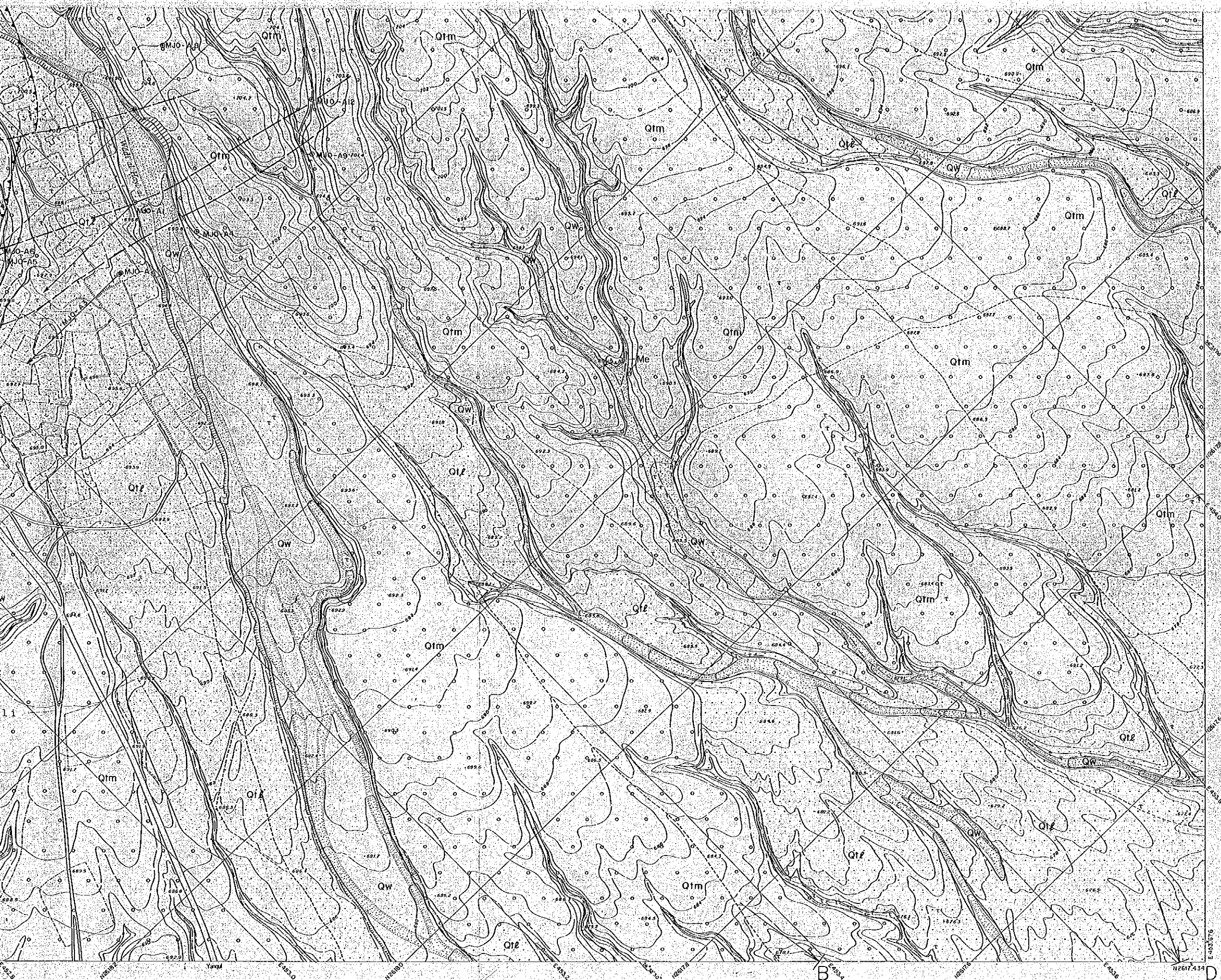
Stratification, inclined	Contact
Stratification of pillow lavas, inclined	Fault; dashed where inferred or concealed
Layering, inclined	Thrust fault; saw-teeth, showing dip
Foliation, inclined	Vein
Dyke, inclined	Gossan
Shear zone	Drill hole

A ——— B Section



1:2,000





1:2,000

LEGEND

Quaternary	Pleistocene Holocene	Wadi Sediments	Qw, Gravel, sand
	Superficial Deposits	Debris	Qd, Talus breccia
Pliocene	Terrace Deposits	Lower Terrace Deposits	Q1l, Gravel, sand
		Middle Terrace Deposits	Q1m, Gravel, sand
Late Cretaceous	Batainah Oligostrome	Oligostromes	O1s, Olistolith of limestone
			O1ch, Olistolith of chert
Samail Nappe	Small Volcanic Rocks	Middle Volcanic Rocks	O1sh, Olistolith of shale
		Lower Volcanic Rocks	O1ss, Olistolith of sandstone
Early to Middle Cretaceous	Samail Ophiolite		O1ob, Olistolith of basalt
			M1e, Pillow lavas
			M1ms, Massive lavas
			M1m, Metalliferous sediments
			L1h, Pillow and massive lavas
			L1l, Pillow lavas
			Sd, Sheeted-dykes
			H1g, High-level gabbro
			Cg, Cumulate layered gabbro
			H1z, Harzburgite
			Du, Danite
			Cr, Chromitite
			Ga, Gabbro
			D, Dykes

Stratification, inclined	Contact
Stratification of pillow lavas, inclined	Fault, dashed where inferred or concealed
Layering, inclined	Thrust fault, saw-teeth, showing dip
Foliation, inclined	Vein
Dyke, inclined	Gossan
Shear zone	Drill hole
	Section

