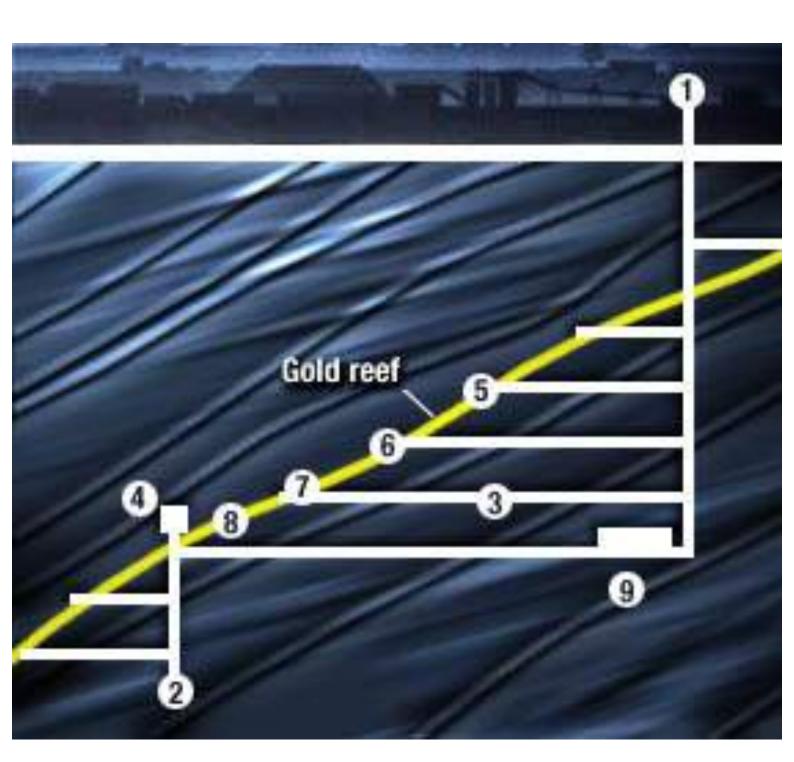
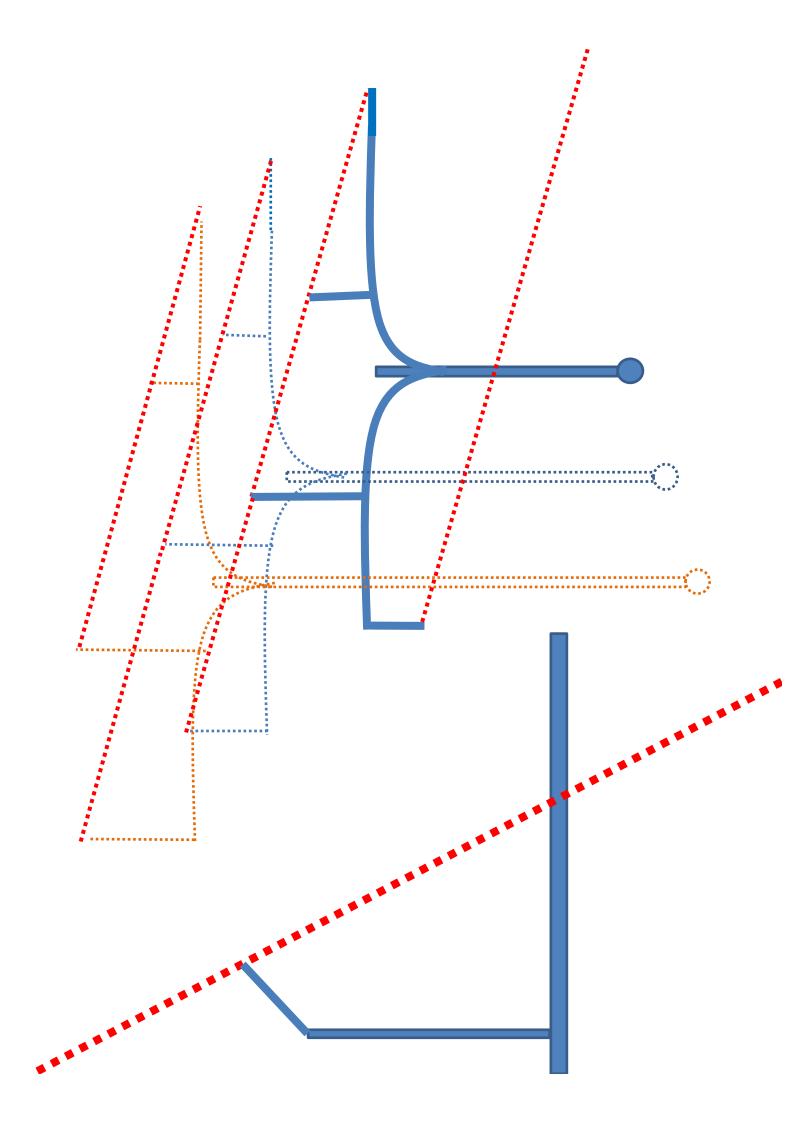
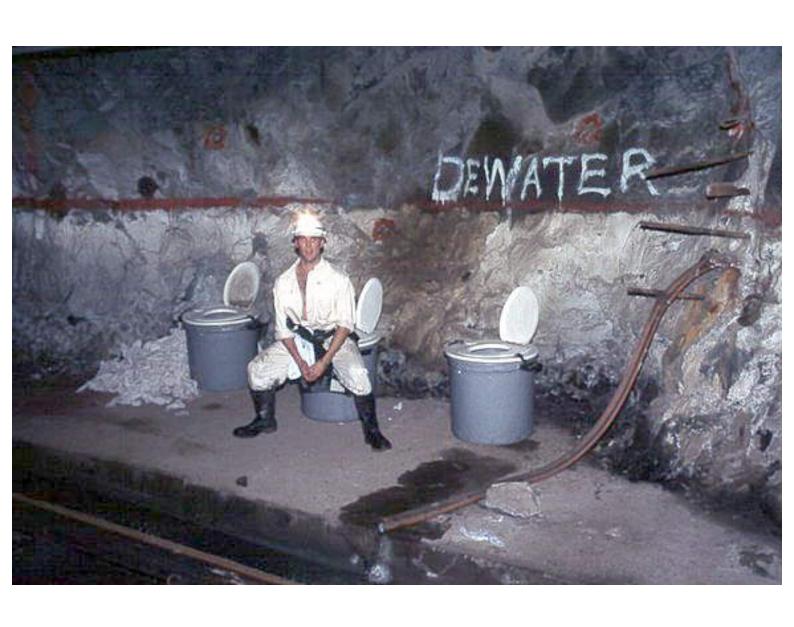
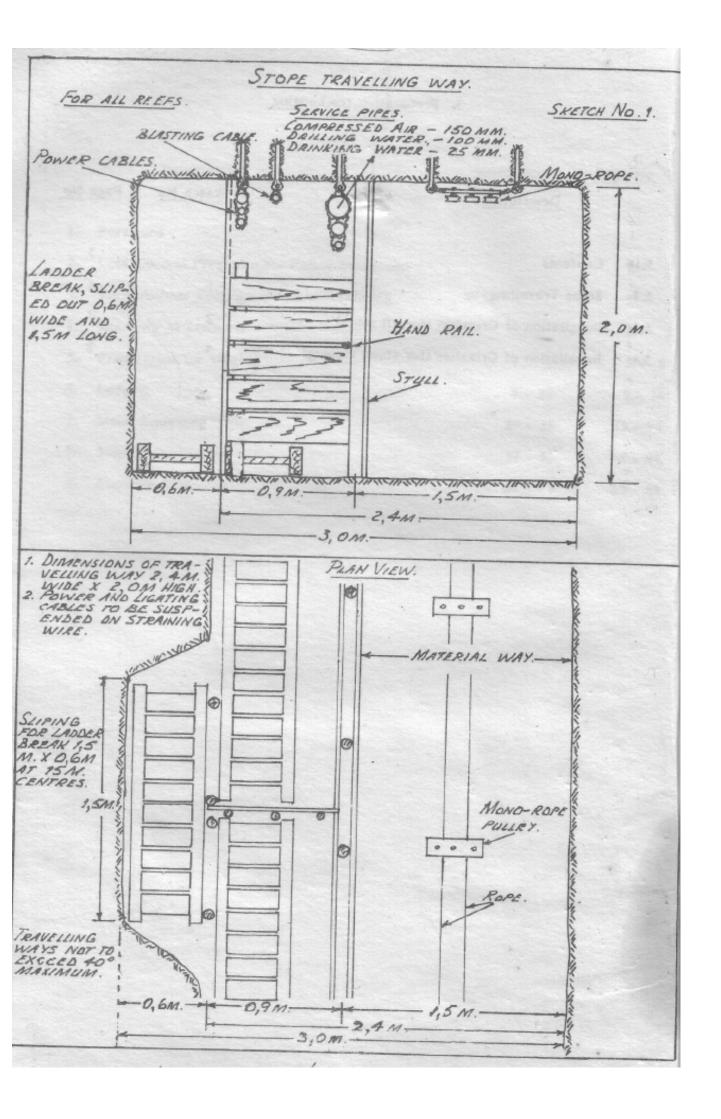
Development basics

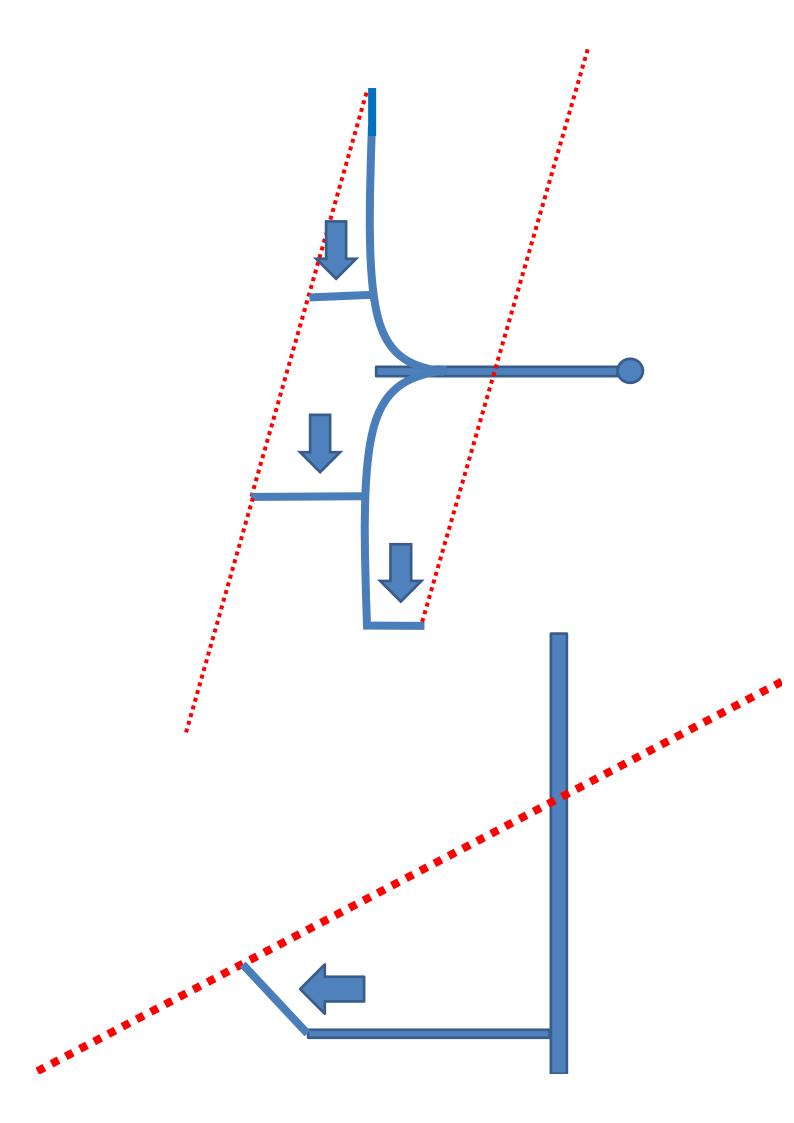


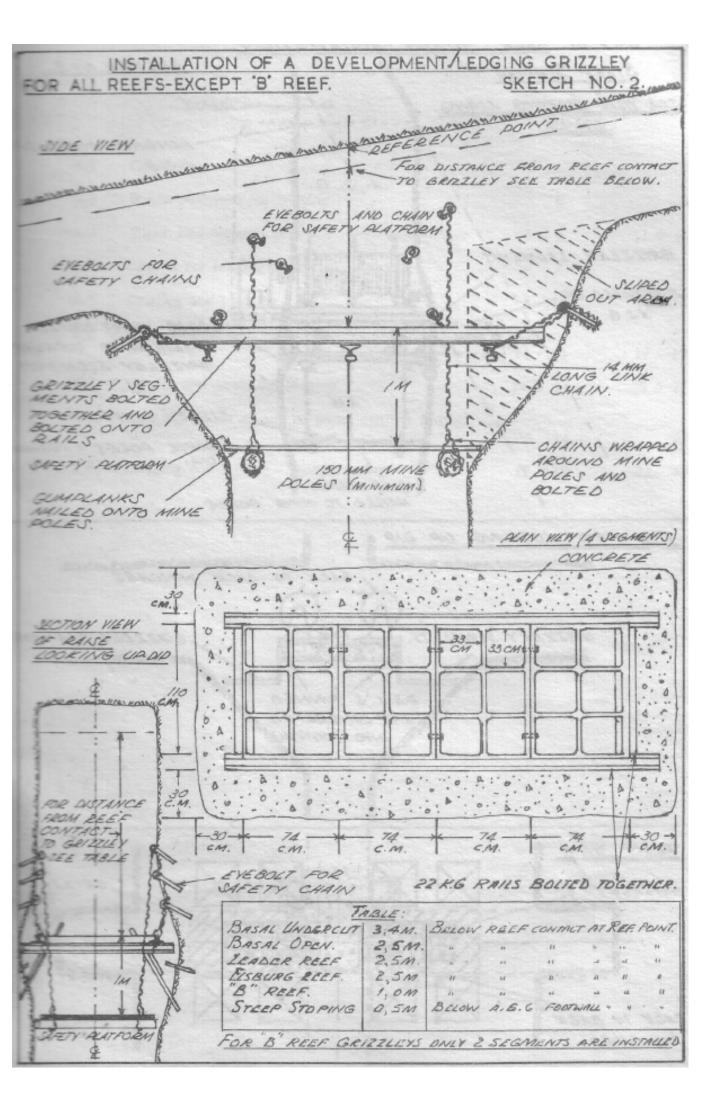


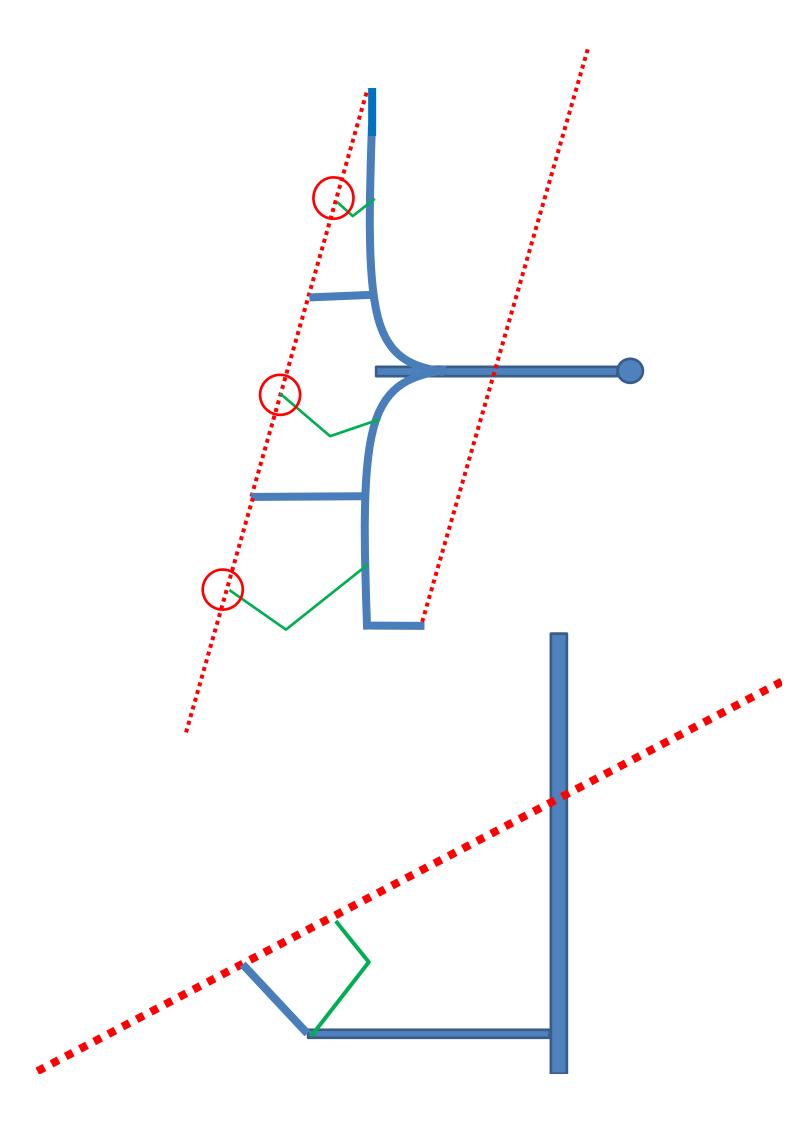


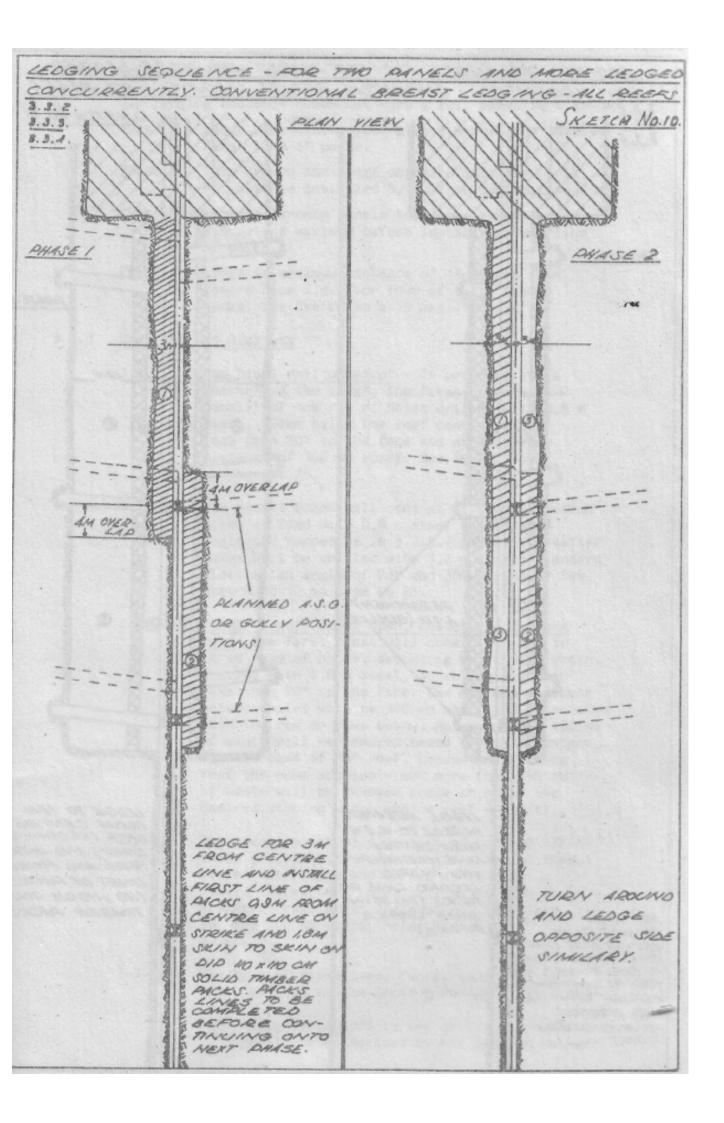
Breast conventional mining (near horizontal)



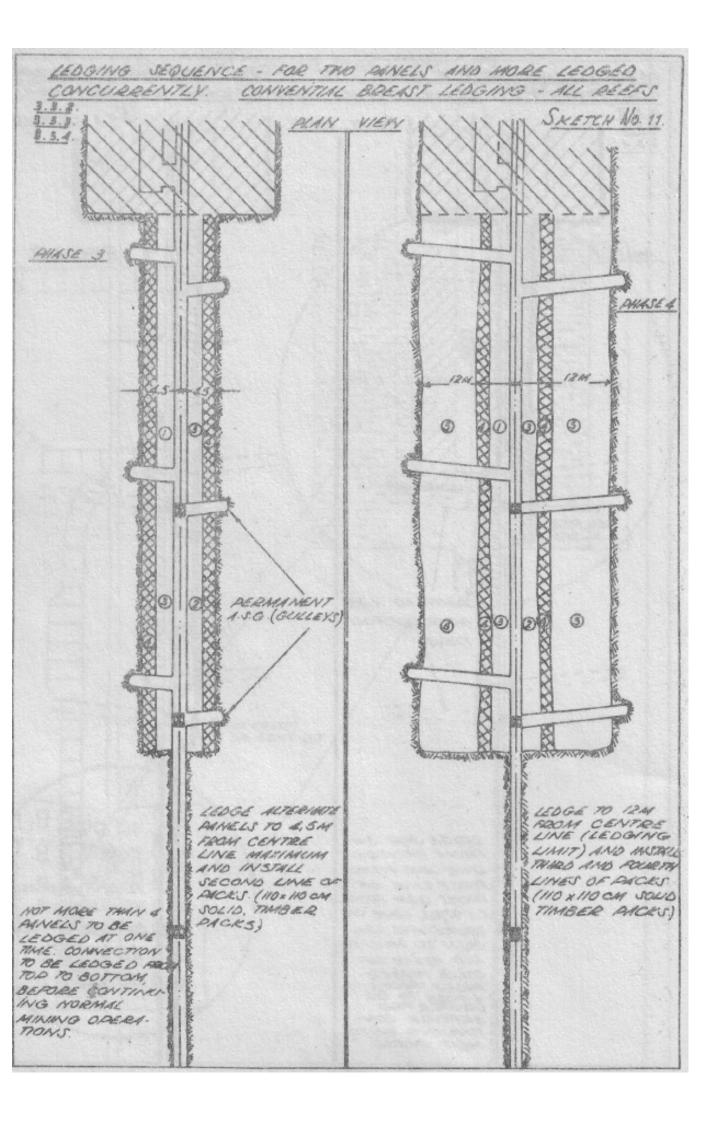


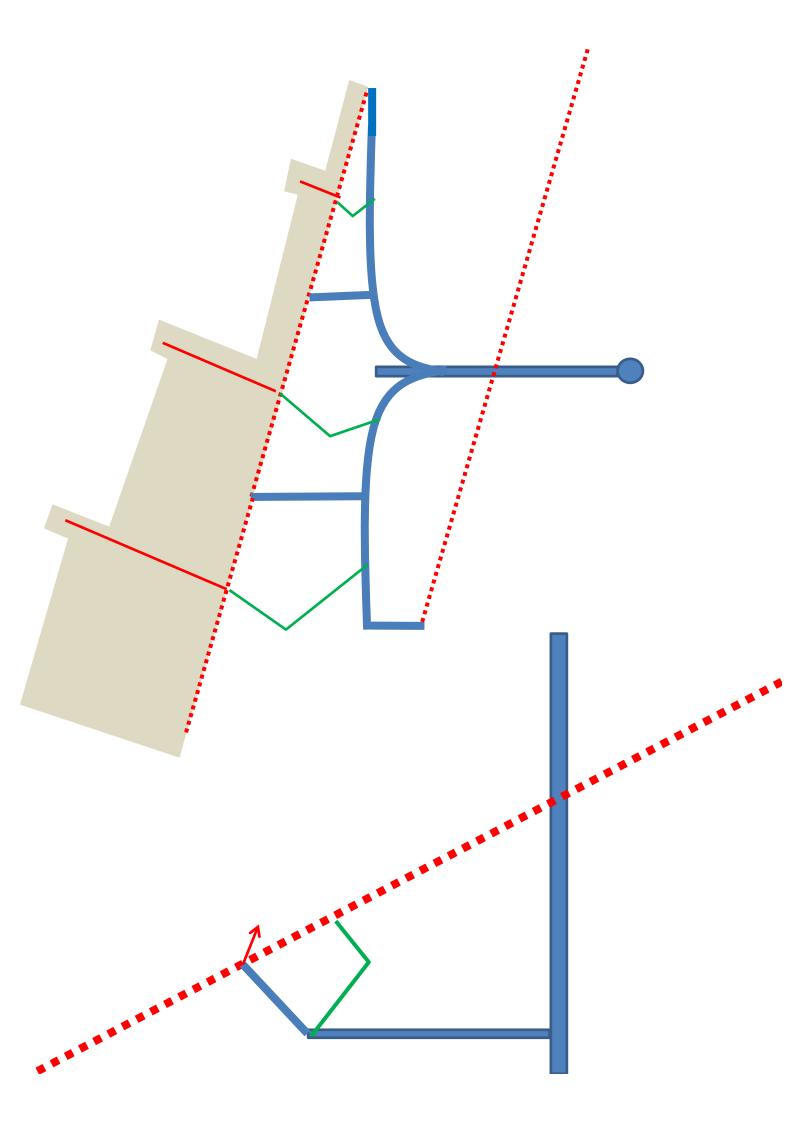


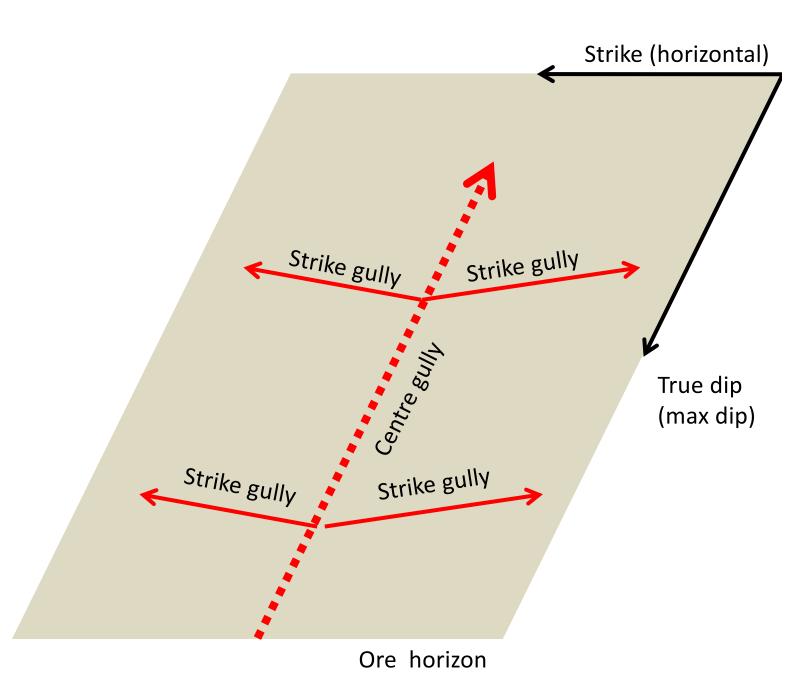


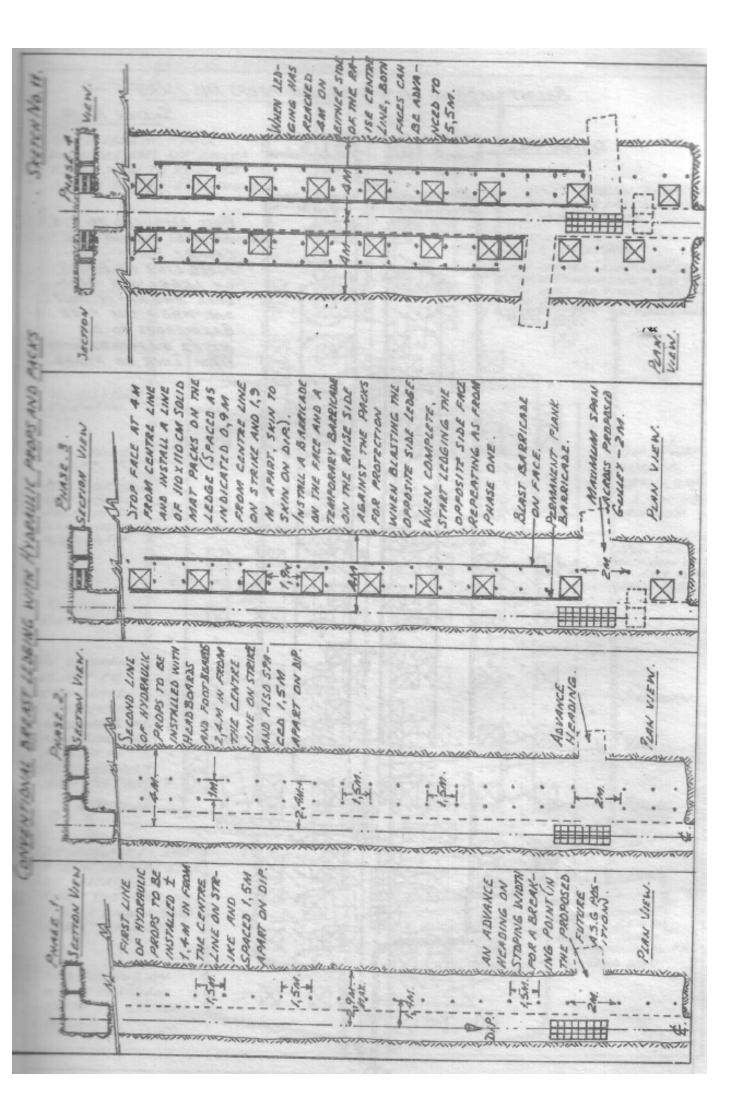


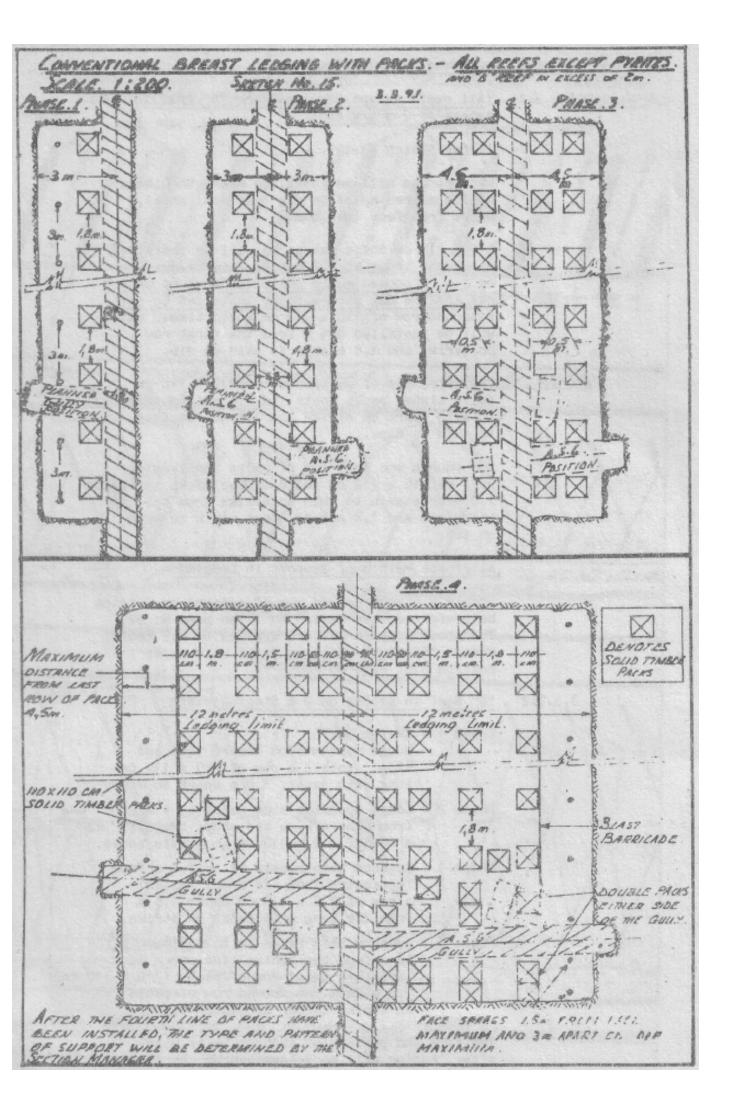


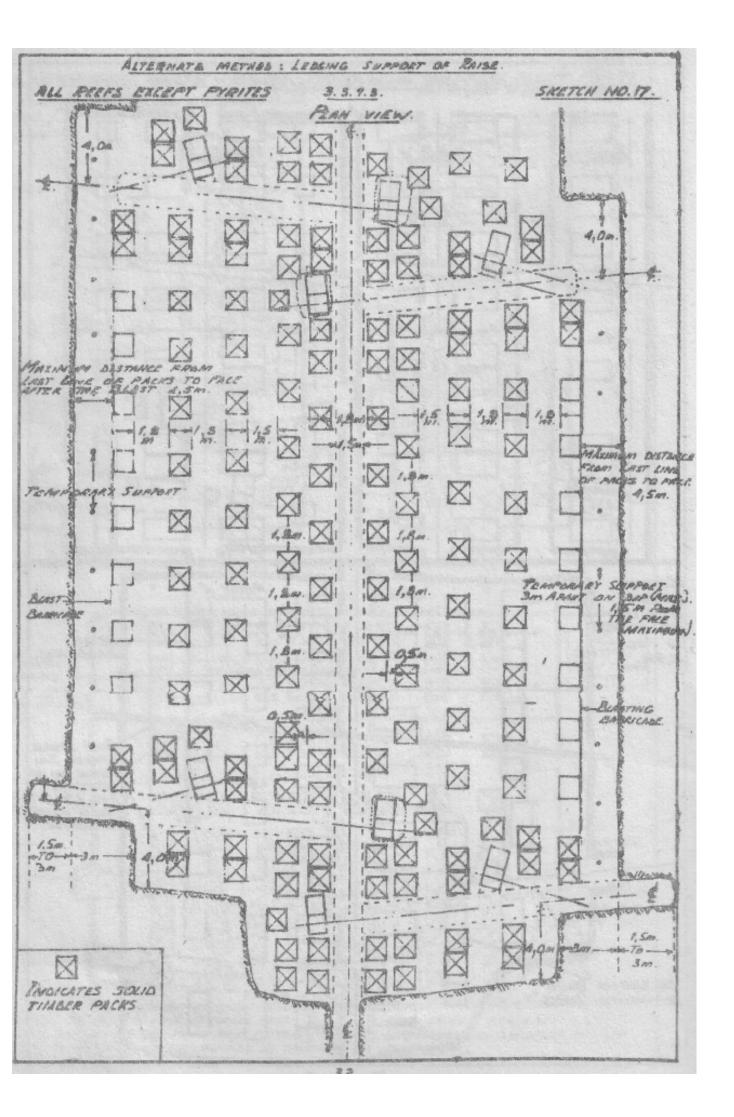




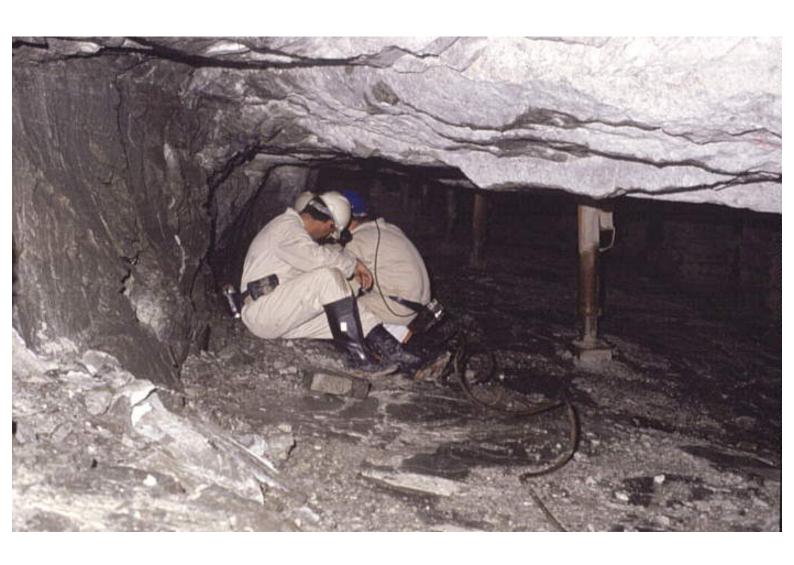


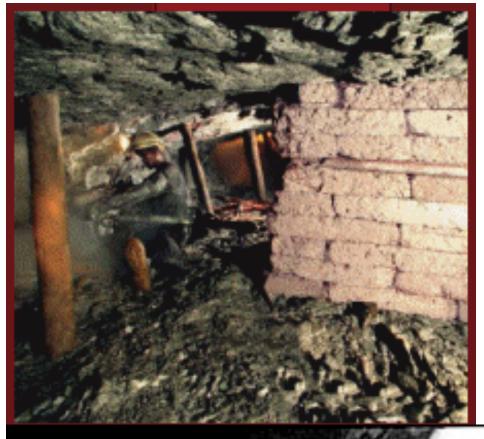




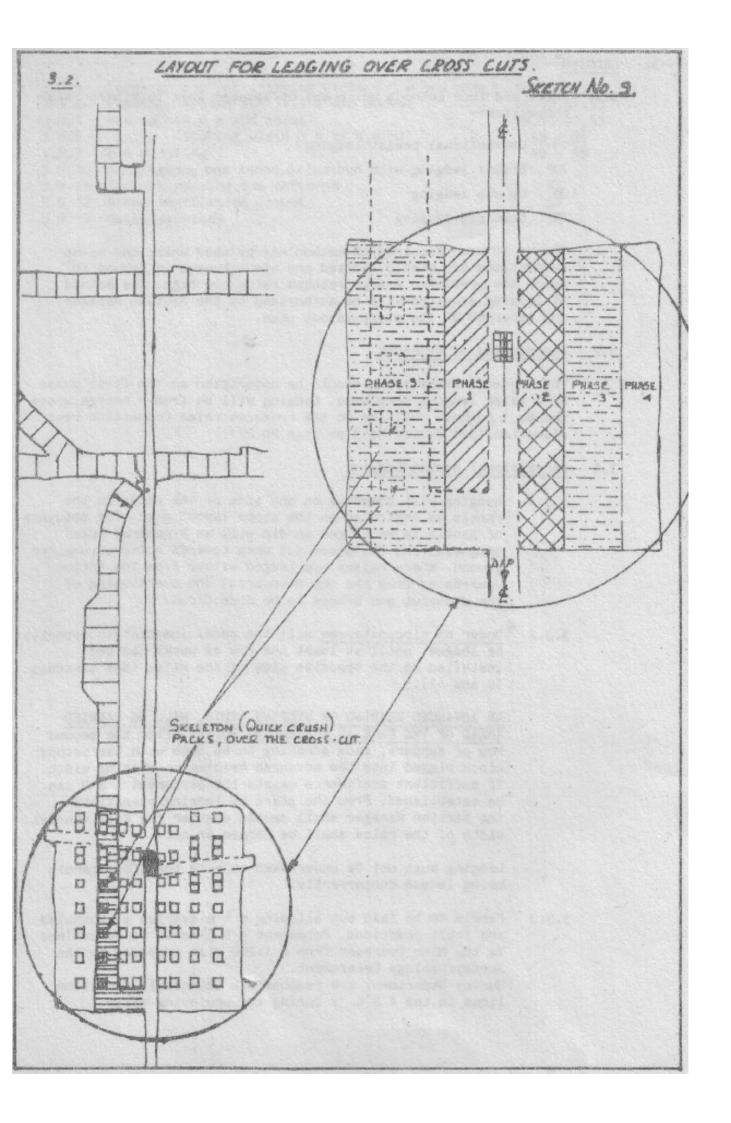


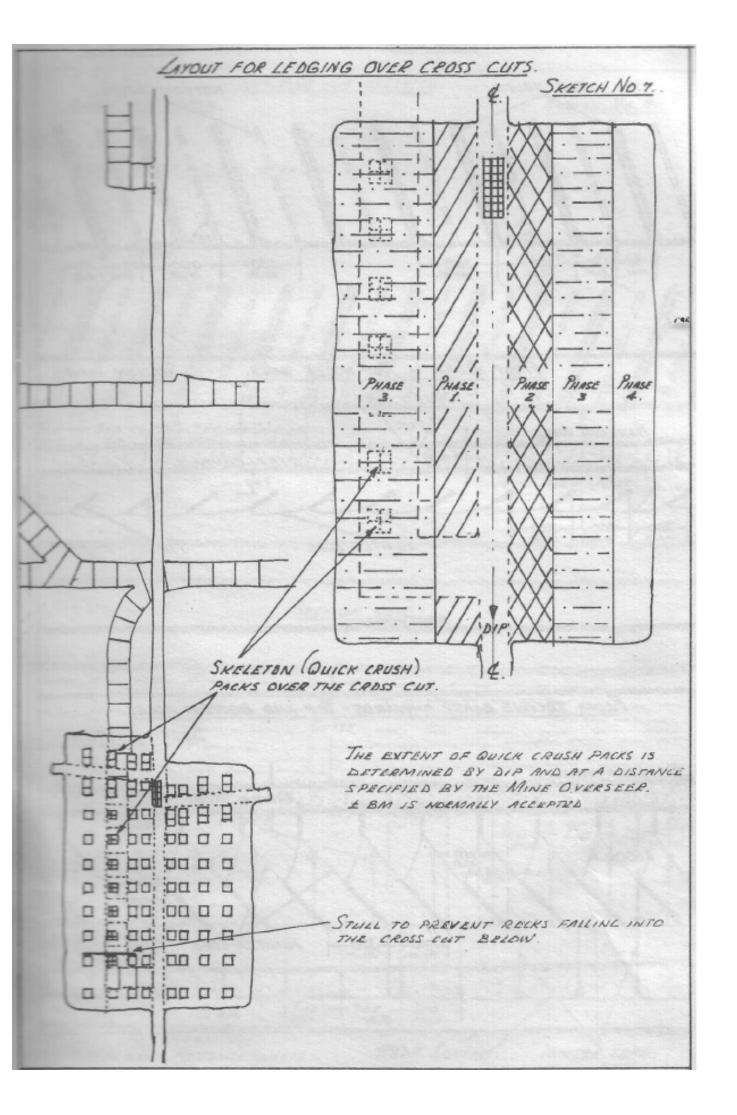


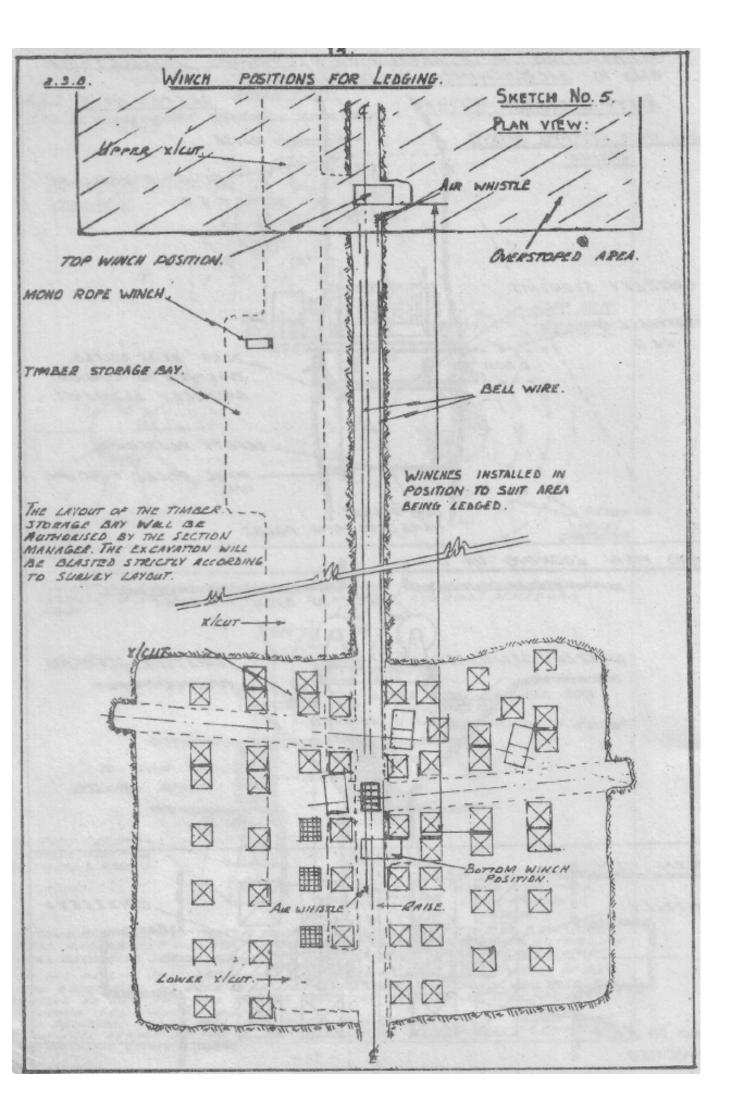


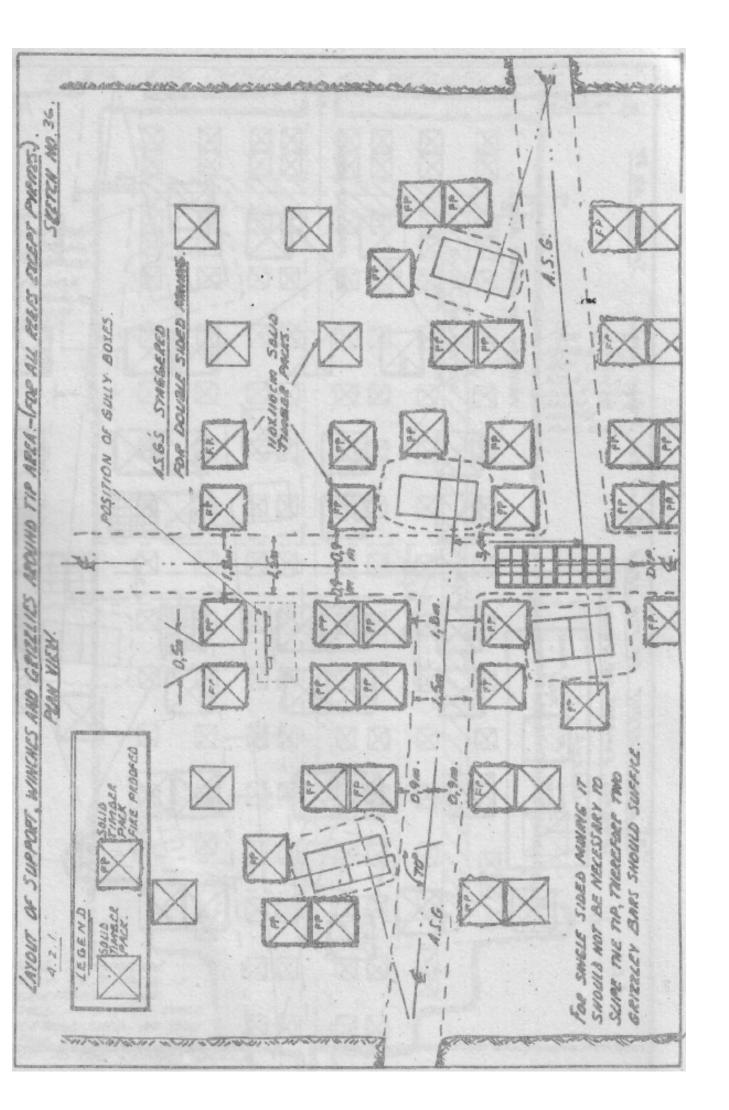


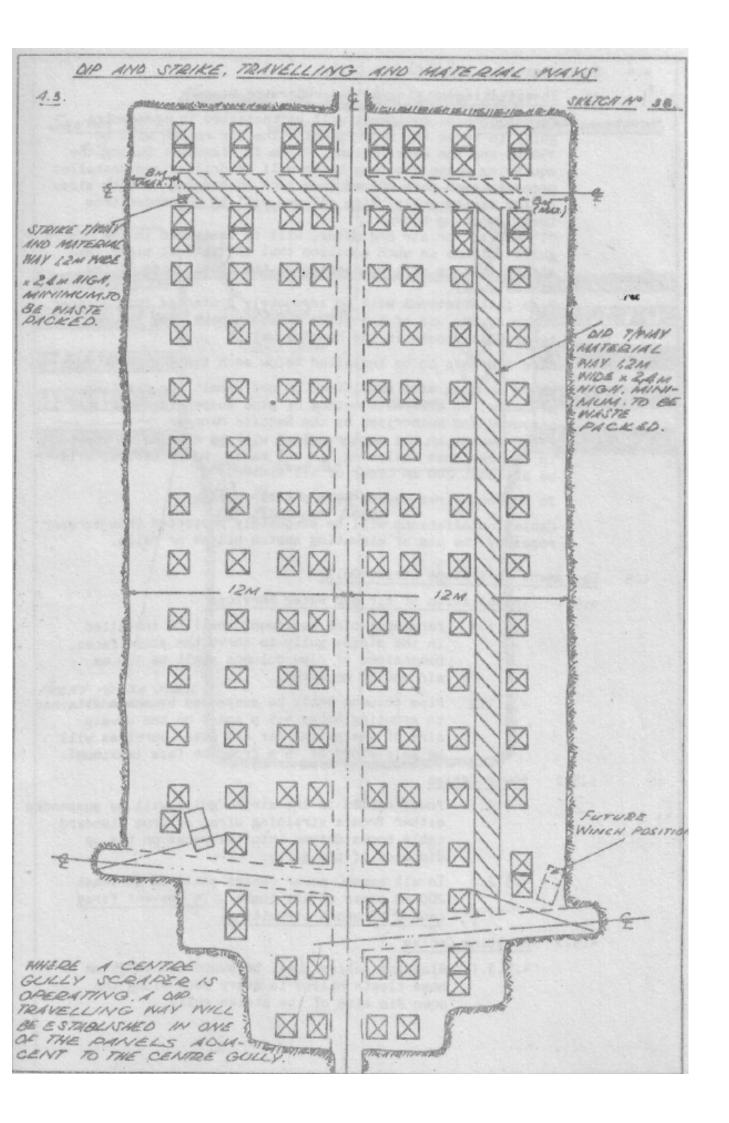




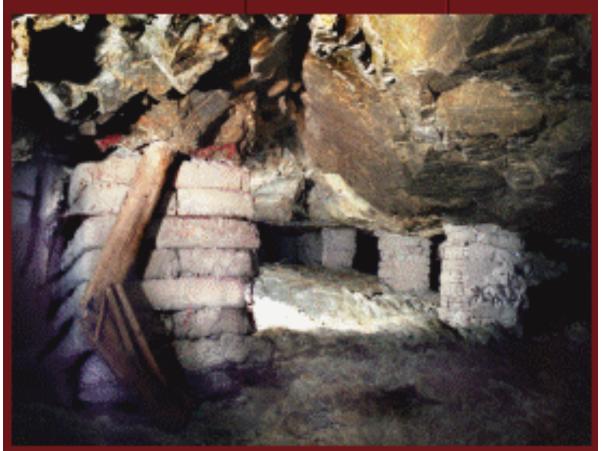




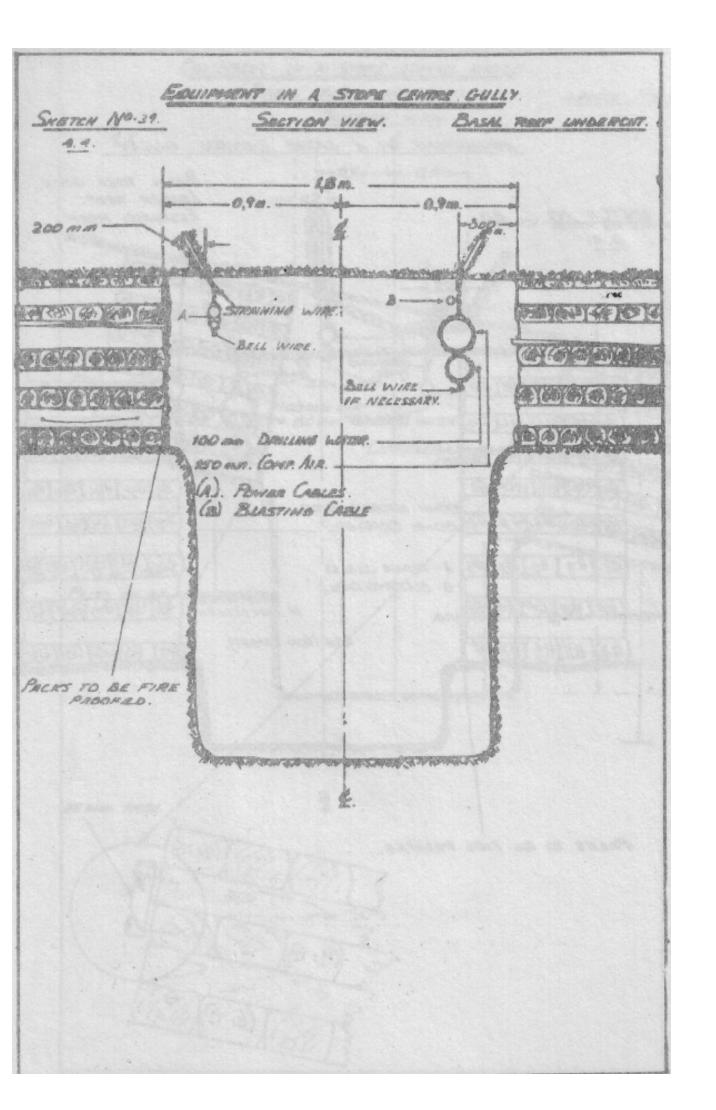








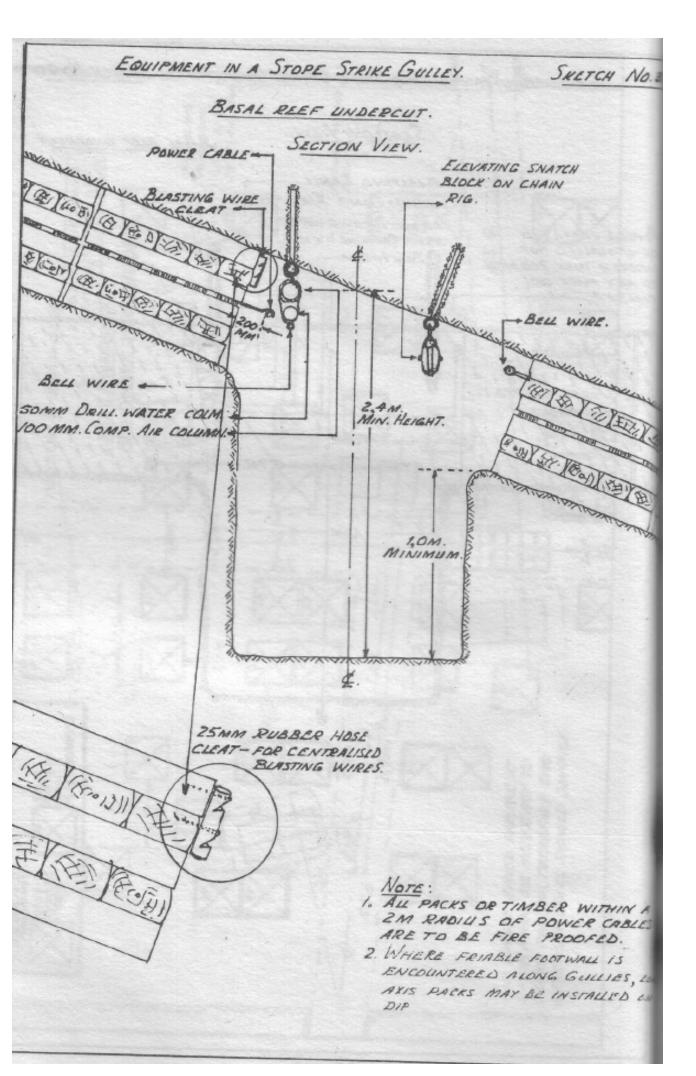
EQUIPMENT IN A STOPE CENTRE GULLEY. SKETCH NO.30 SECTION VIEW. BASAL REEF UNDERCUT. BLASTING CABLE. ISOMM LOMP. AIR. 100 MM. DRILLING WATER. TWER CABLES TO 25MM DRIVKING WATER AT WISTALLED NOT BELL WIRE & WELLE THAN 200MM TO MAY PACK OR - W3ER .-1,8M 0,9M. 1,5M.



EQUIPMENT IN A STORE CENTRAL GULLY

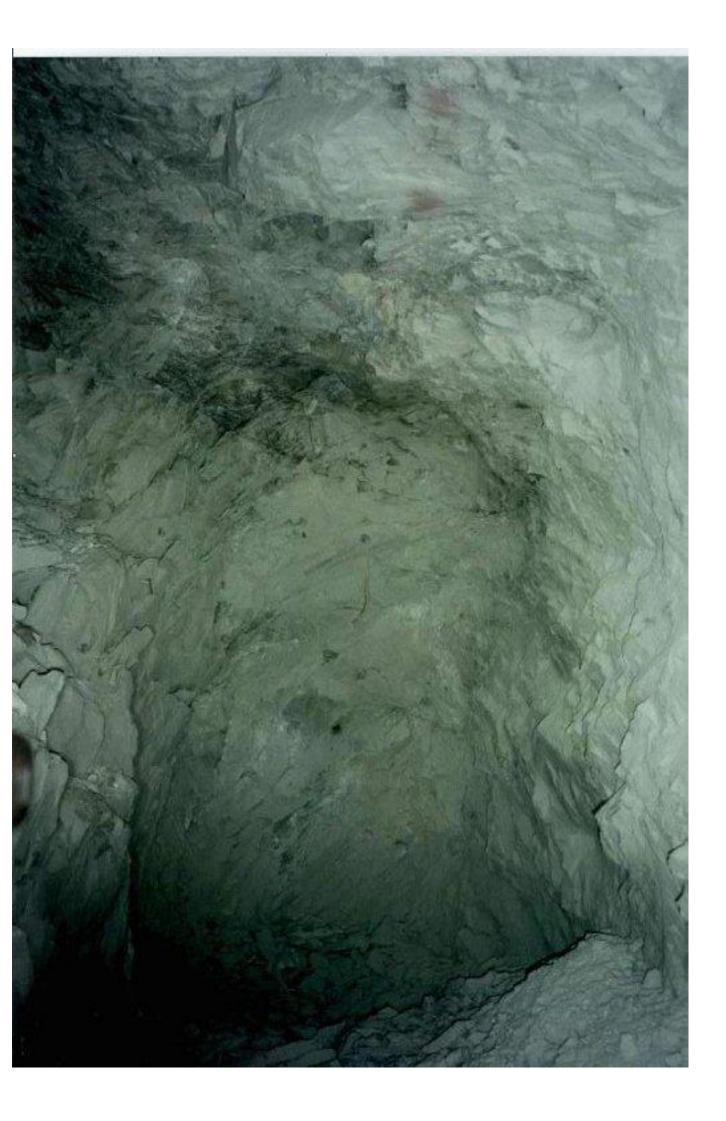
BASAL REEF OPEN. LEADER MEEF. ELIBURG REEF. 200 o chartes the property of the said that the MR YOF YOU YOU HAVE NOW! Y HOLD 出版(四)(四)(四)(四) 歌人的一个八人的 145 1 421 1 1 Chan 7 640 1 7 664 MAY BUT INGO GOY SULCULO MAIN CALL TO EXPORM ASSCRIVE MOSPECO WINGS SHIP ST ST SOME COMPAIN 一个一个一个一个一个一个 A: DOMER CABLES B: BLASTING CABLE BELL WINE IF NELESSARY. ZAM (MAY WEIGHT) PARE THE PROPERTY OF THE PARE THE PARE

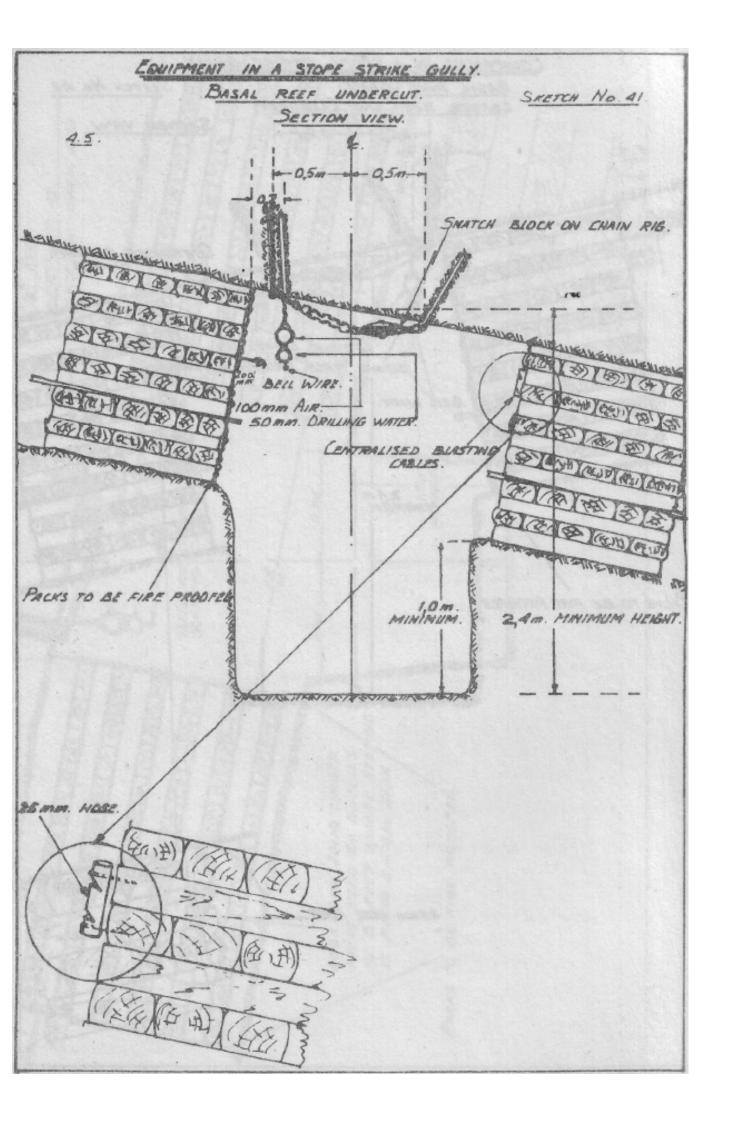
PACKS TO BE FIRE PROOFED.

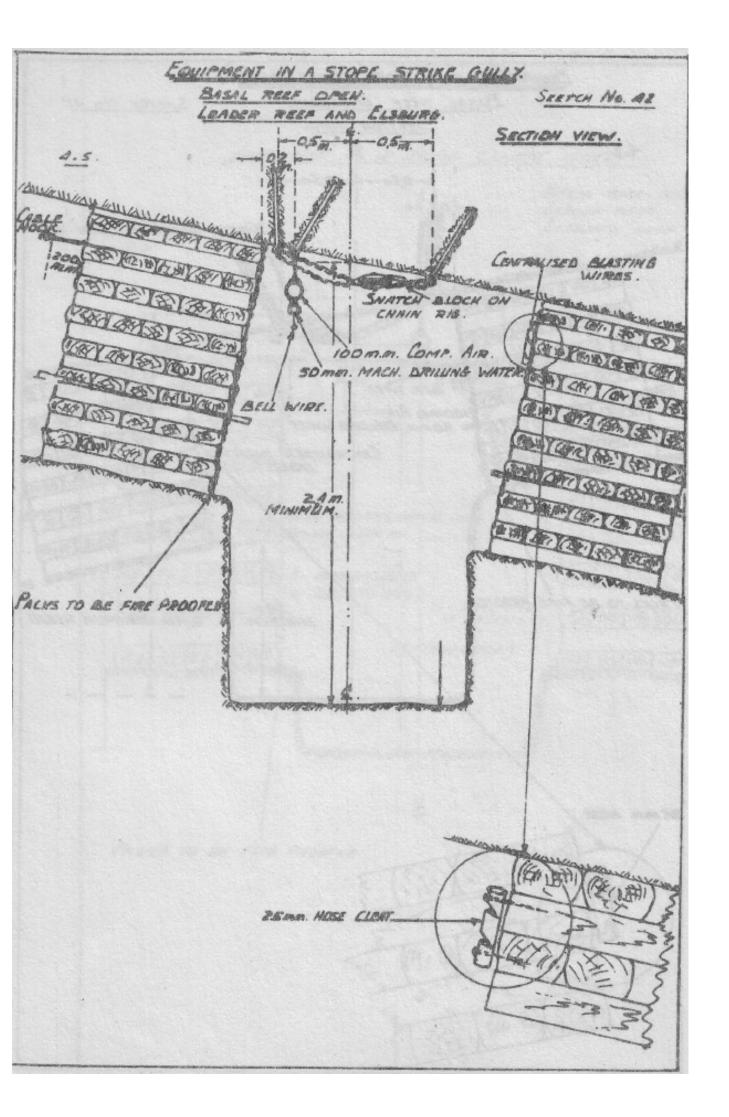






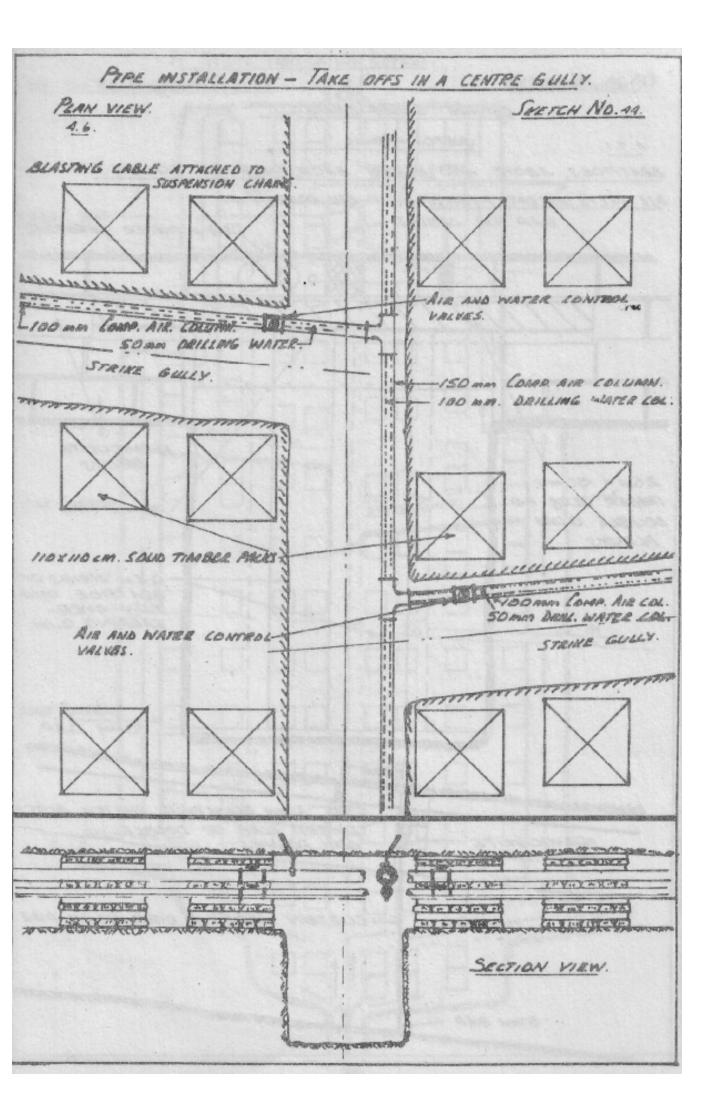




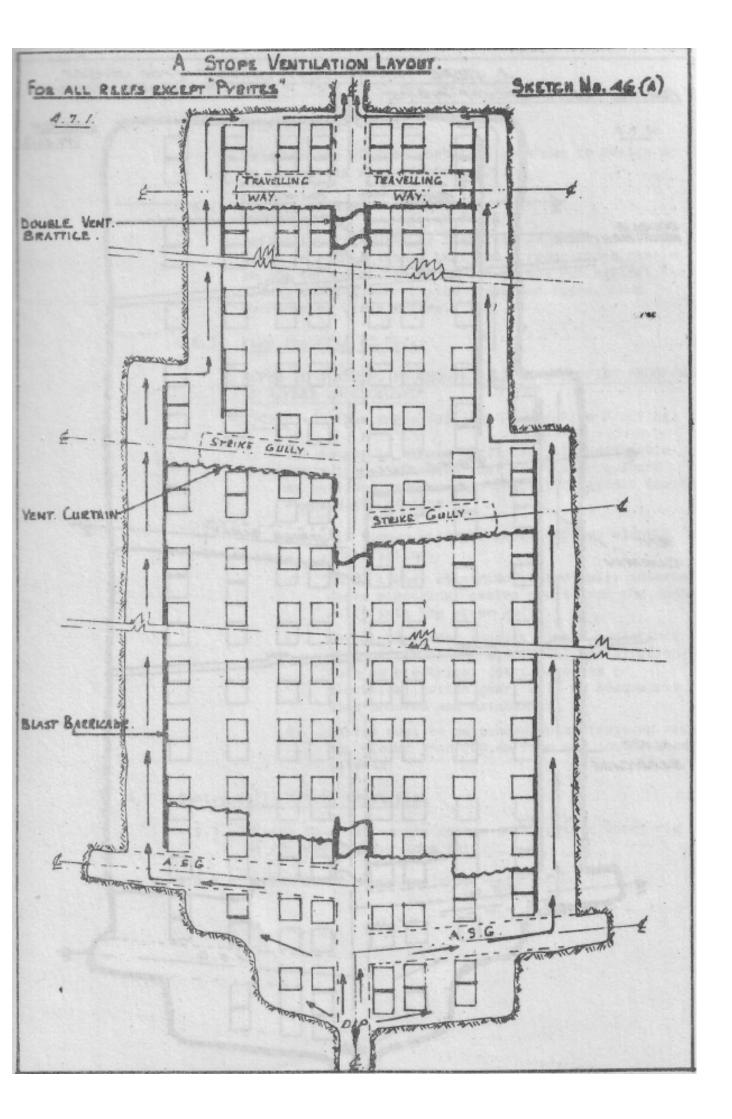


5.3.2 Pack Sizes for the Various Average Conditions are as below:

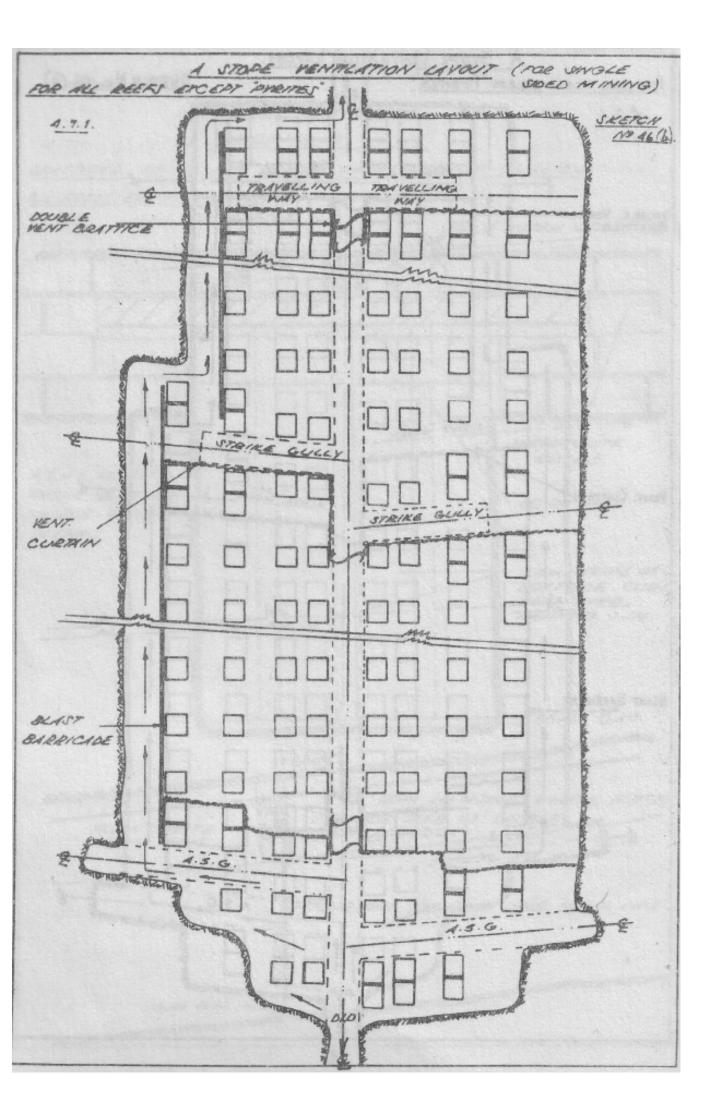
STOPING WIDTH	PACK SIZE	SKIN TO SKIN SPACING (MAX)	
		DIP	STRIKE
Nil to 150 cm	75 cm x 75 cm	2,5 m	2,5 m
150 cm to 300 cm	110 cm x 110 cm	2,5 m	2,5 m
300 cm and over	See Pyrite stoping		
"B" reef stoping width	"B" Reef pack size		
Nil to 110 cm	75 cm x 75 cm	1,8 m	1,8 m
110 cm to 250 cm	110 cm x 110 cm	1,8 m	1,8 m
250 cm to 300 cm	220 cm x 110 cm	1,8 m	1,8 m

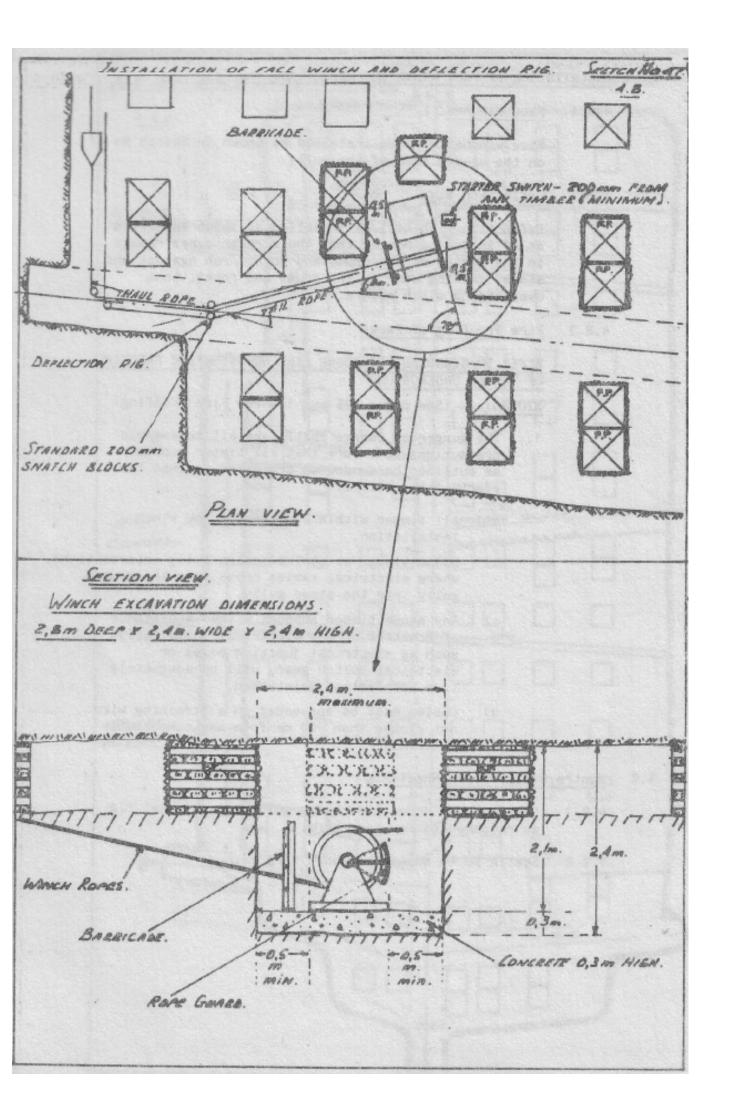


CENTRE GULLY BRATTICE OKETCH NO. 45. 4.7.1. BRATTICES ABOVE AND BELOW EACH DAIR OF GULLIES ALL REEFS EXCEPT PYRITES. TALL RODE GAP POR CABLES AND & PLATER SERVICES THE THE PROPERTY OF THE PROPER LIBELLE YOU CONTROL ON BOOK ON TO THE CHANGE THE THE ANTICO FA WAR CHIEFT DAVINO TAVING TOURS VERMICULITE BRICKS 2,5 NX 150 MM MUBBER SLAB OR 50 MM AIDE DOUBLE GUM PLANKS. QUM STRIPS OF BRATTICE CUR-TAIN OVER-LADPING O,IM. SOMM GAP BRANCH CONTRACTOR OF THE PROPERTY OF THE PROPE TOOMM ELEVATING SNATCH BLOCK TIMBER SLAB OR DOUBLE VERMICULITE GLAN PLANKS BRICK WALL - CURTAIN LOOPED OVER SOMM PIPE.









SEERCH No. 49 (SHORT TERM METHOD.). ETY ROPE EYEBOLT. SAFETY CHAIN. 200 MM SHATCH BLOCKS TWO ZZKG. RAMS BOLTED TOGETHER.

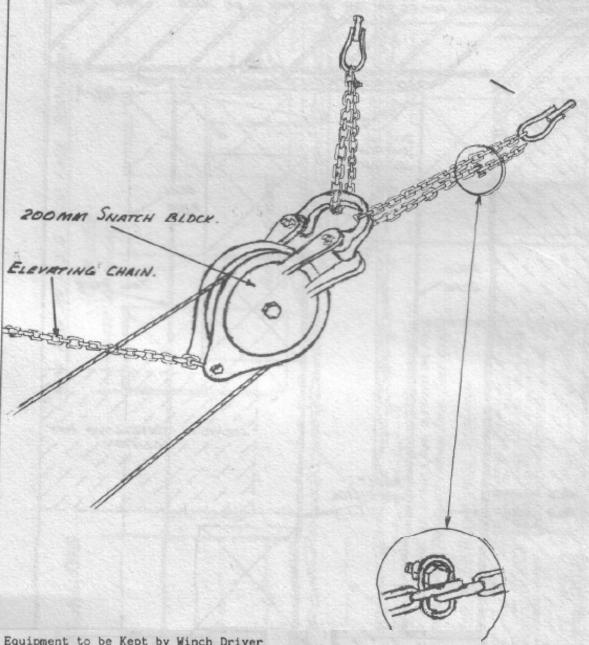
INSTALLATION OF STANDARD SCRAPER RIGS.

SKETCH NO.48

RETURN WHEEL RIGS FOR SCRAPER GULLIES.

THE EYEBOLT HOLES MUST BE DRILLED CONCURRENTLY WITH THE ROUND, USING A JUMPER AT LEAST 400MM LONGER THAN THE BLAST HOLES.

THE SNATTH BLOCK WILL BE SECURED FROM AT LEAST TWO ANCHORING POINTS (EYEBOLTS) WITH TWO SEPARATE 14 MM LONG LINK CHAINS

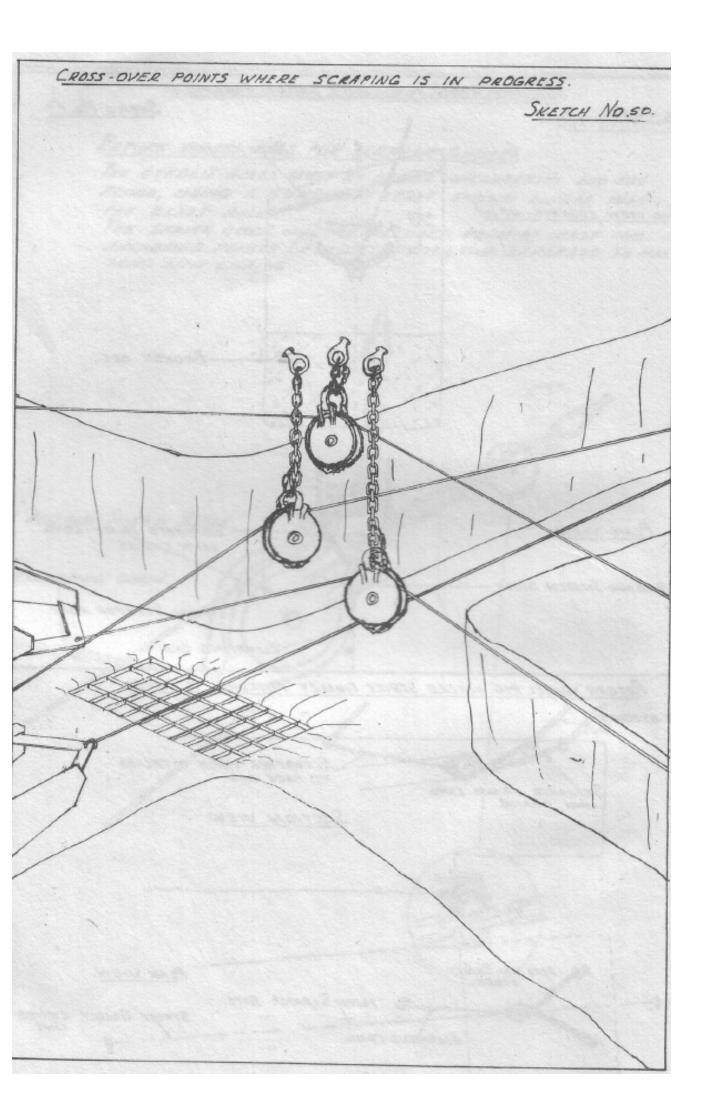


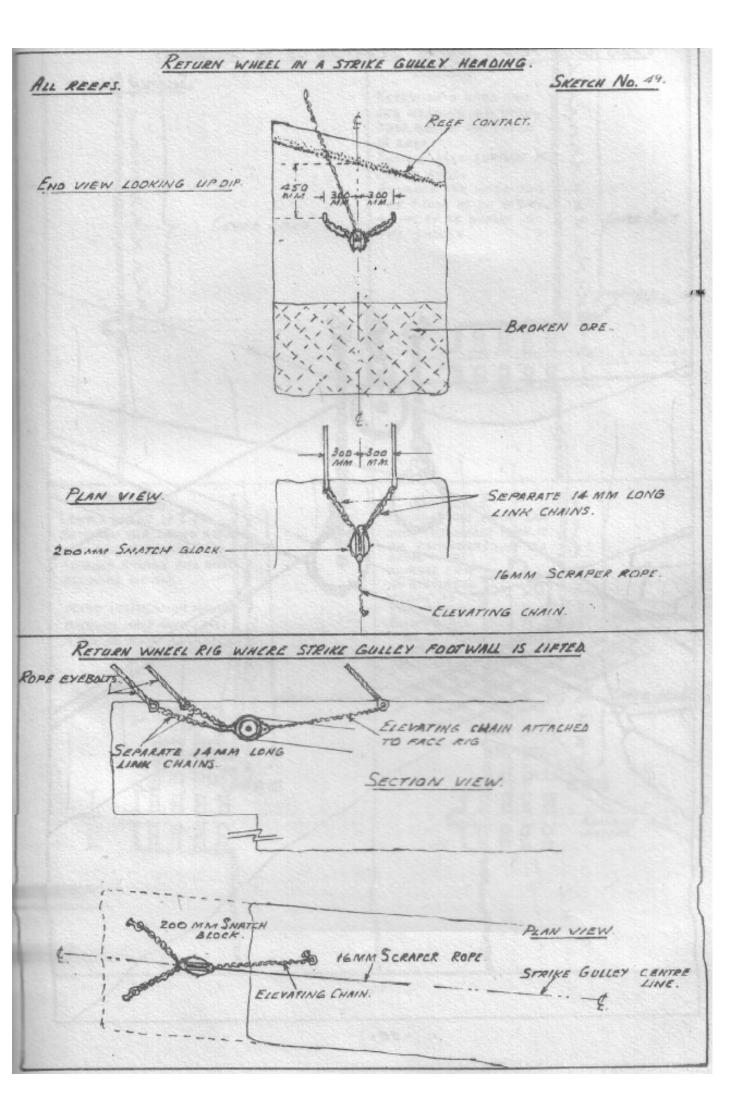
Equipment to be Kept by Winch Driver

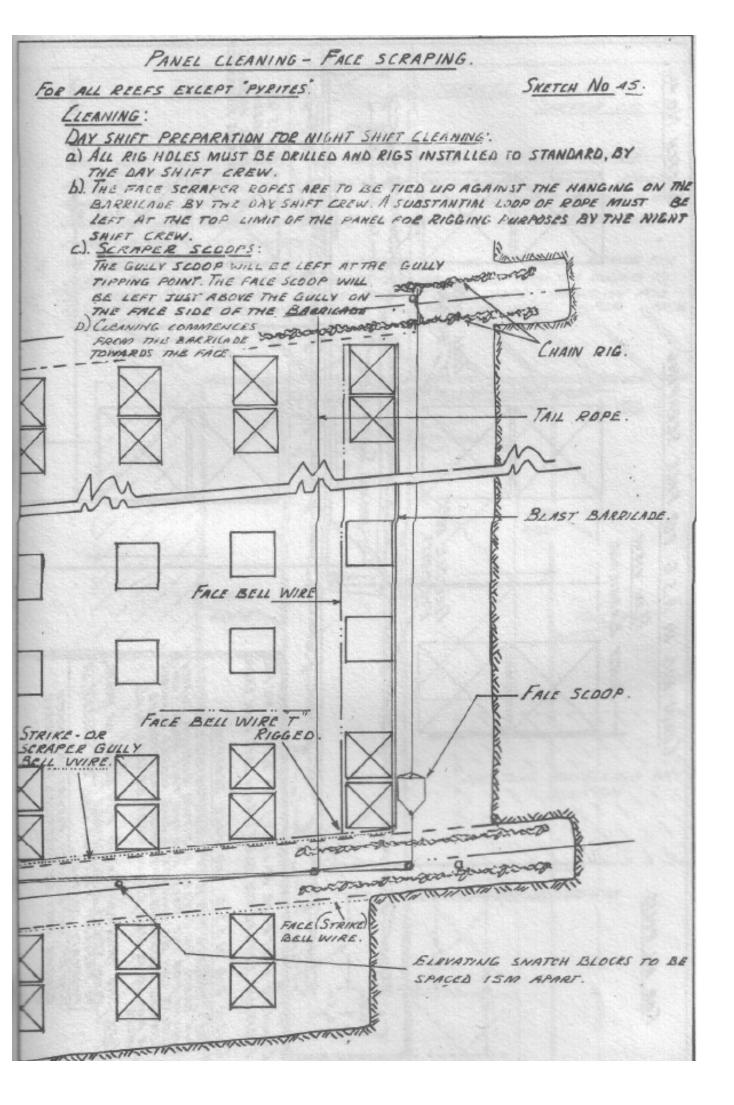
Equipment for cleaning the face.

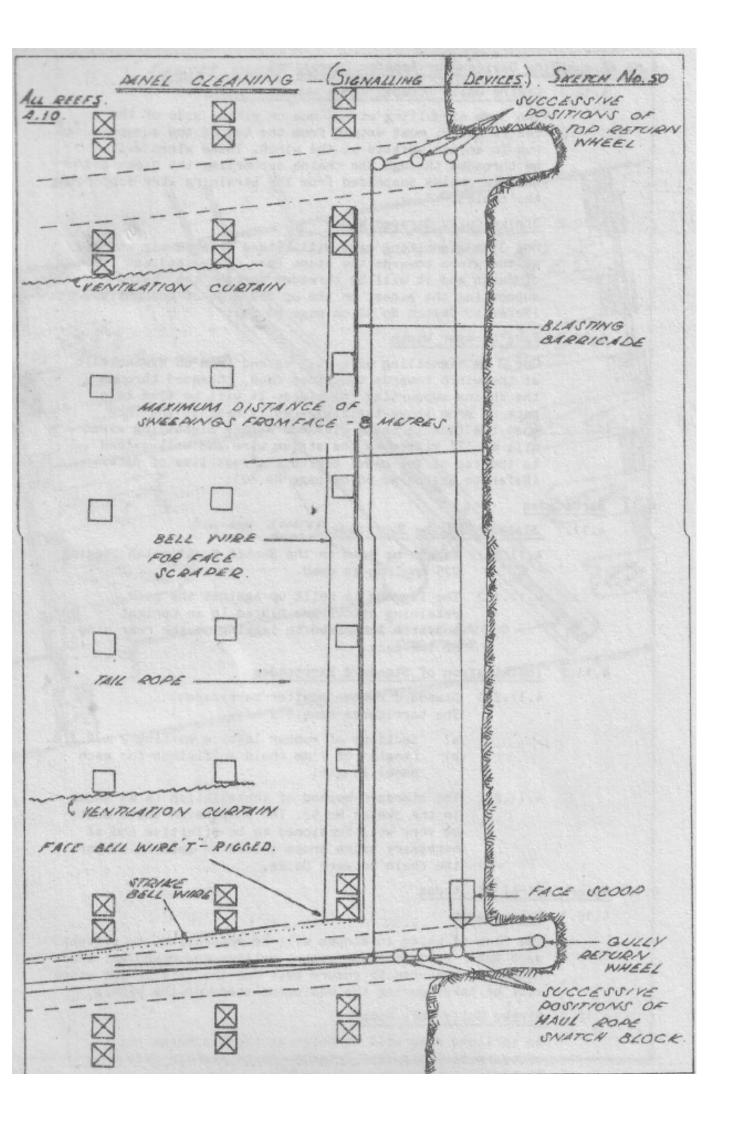
- Spare eyebolts 200 mm snatch blocks
- 100 mm snatch blocks Spare bolts and nuts
- 14 mm long link chain
- 2 Kg hammers 4 Kg hammers 7.
- 8. Splicing tools
- Cold sets

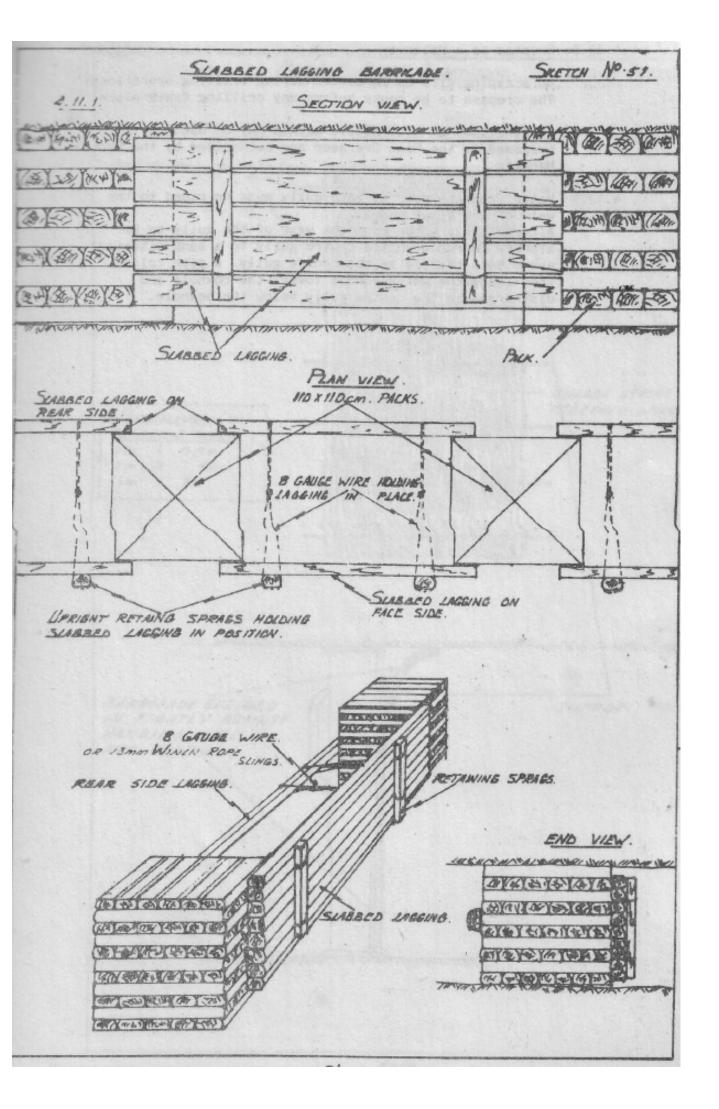
- 10. 2 x 19 mm Box spanners
- 11. 2 x 19 mm Flat spanners
 12. 2 x 16 mm Box spanners
 13. 2 x 16 mm Flat spanners
- 14.
- 14. 1,2 m and 2 m pinch bars15. Triangular danger signs
- 16. 1 Spare coil of scraper rope
- 17. Bell wire







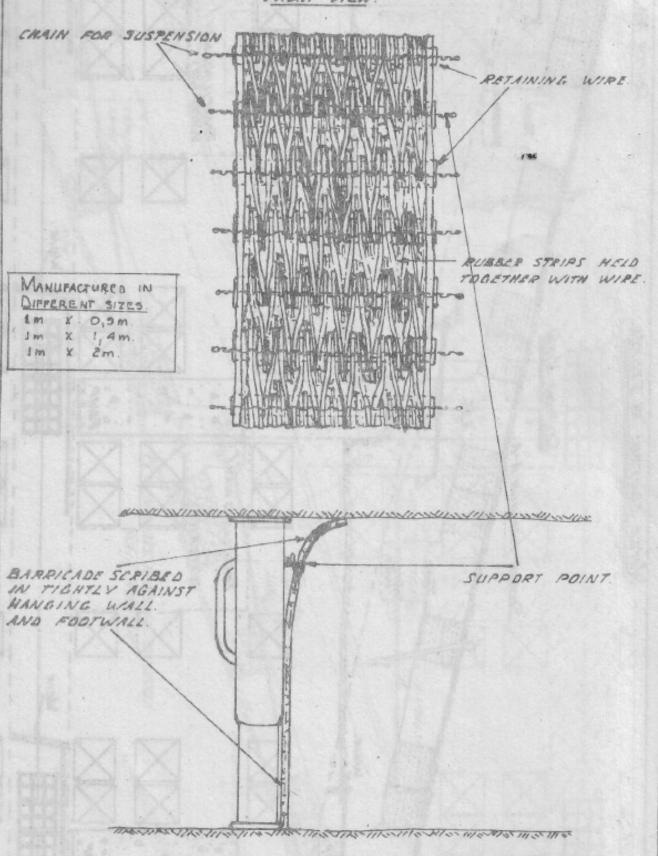








FRONT VIEW.



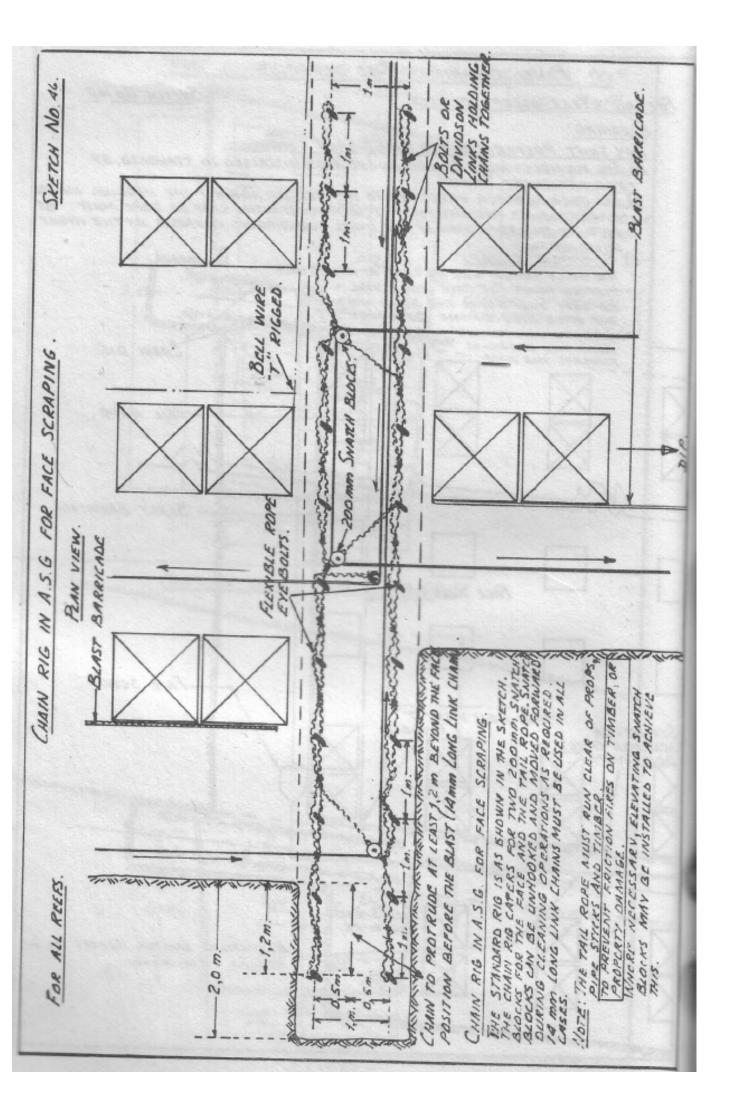
PLAN VIEW

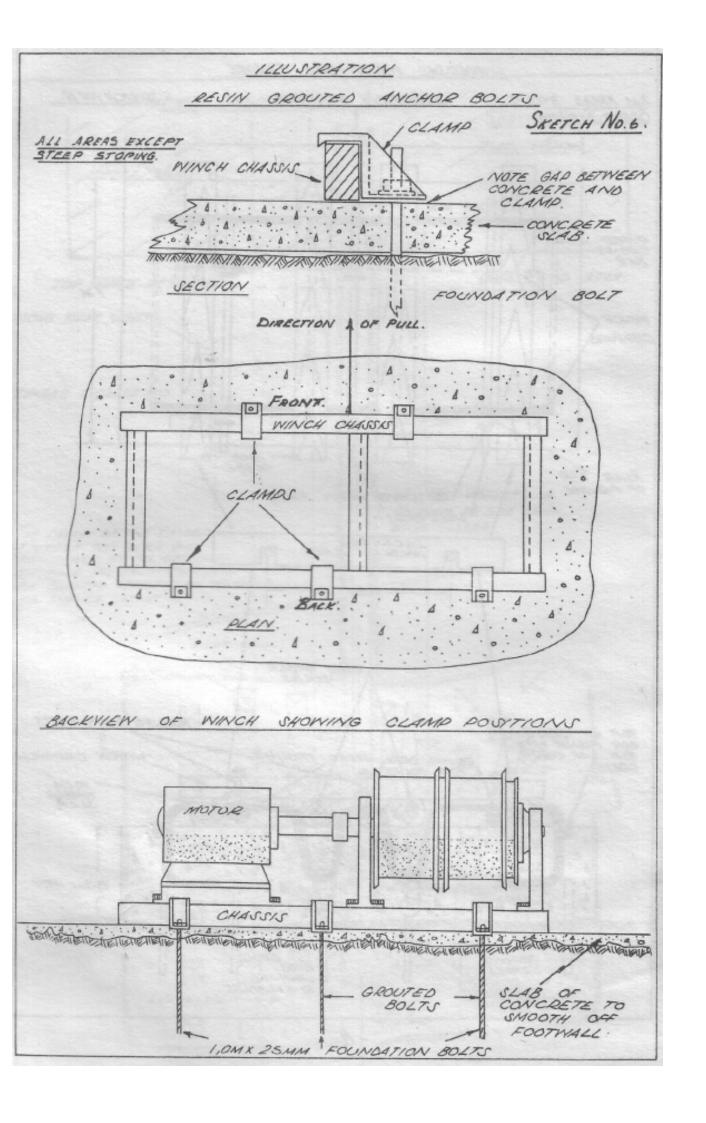
1. THE RIG WILL CONSIST OF A ROW OF FLEXIBLE ROPE EVEBOLTS DRILLED INTO THE ABUTMENT SPACED SOOMM EYEBOLTS AND BOLTED BY MEANS OF BOLTS AND NUTS OR DAVIDSON LINKS BETWEEN THE EYEBOLTS.

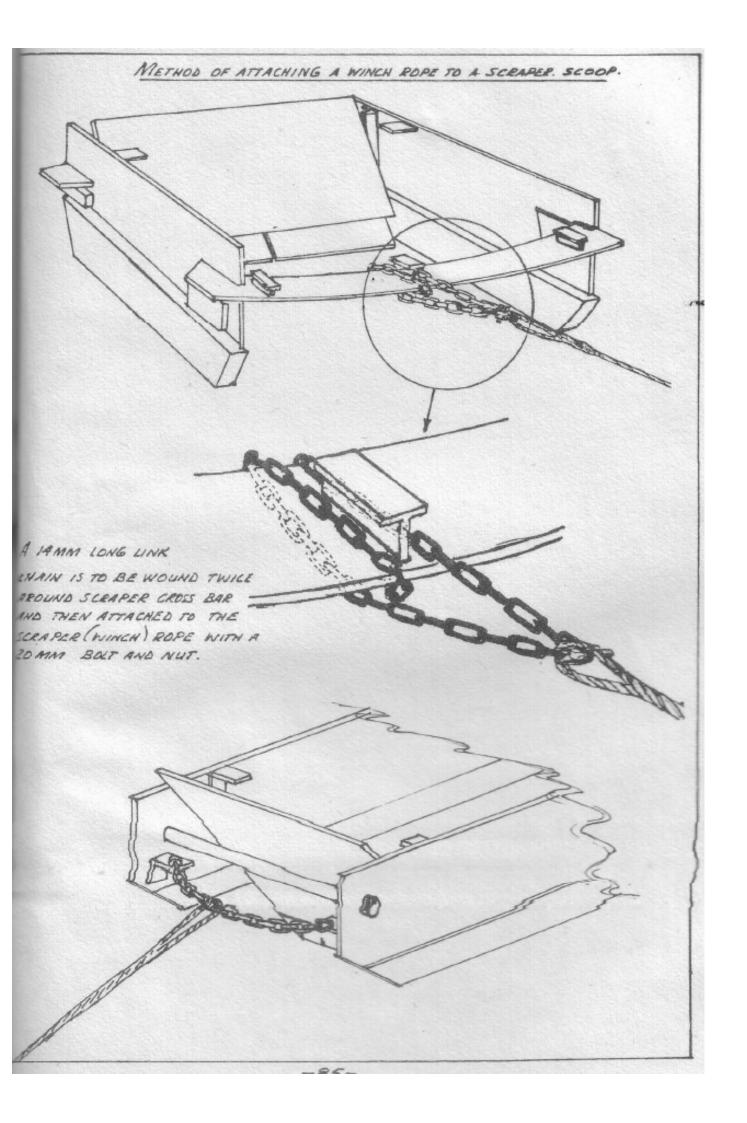
APART WITH A DOUBLE IAMM LONG LINK CHAIN THREADED THROUGH THE THE EVEBOLTS AND CHAIN WILL BE MYSTALLED UP TO THE FACE BEFORE THE BLAST THREE SEPARATE EYEBOLT HOLES WILL BE DRILLED WITH THE ROUND TO BE BLASTED (AT LEAST 400MM LONGER THAN THE BLAST HOLES.) ARONISION FOR ADDITIONAL ANCHOR POINTS ON THE FACE WILL BE MADE FOR FAR ELEVATING -CHAIN. 200 MM SNATCH BLOCKS BELL WIRE HACIL ROPE TAIL ROPE TRAVELLING WAY EVENTUAL 205/7/ON. BLAST FACE ADVANCES BARRICADE FOR NEXT

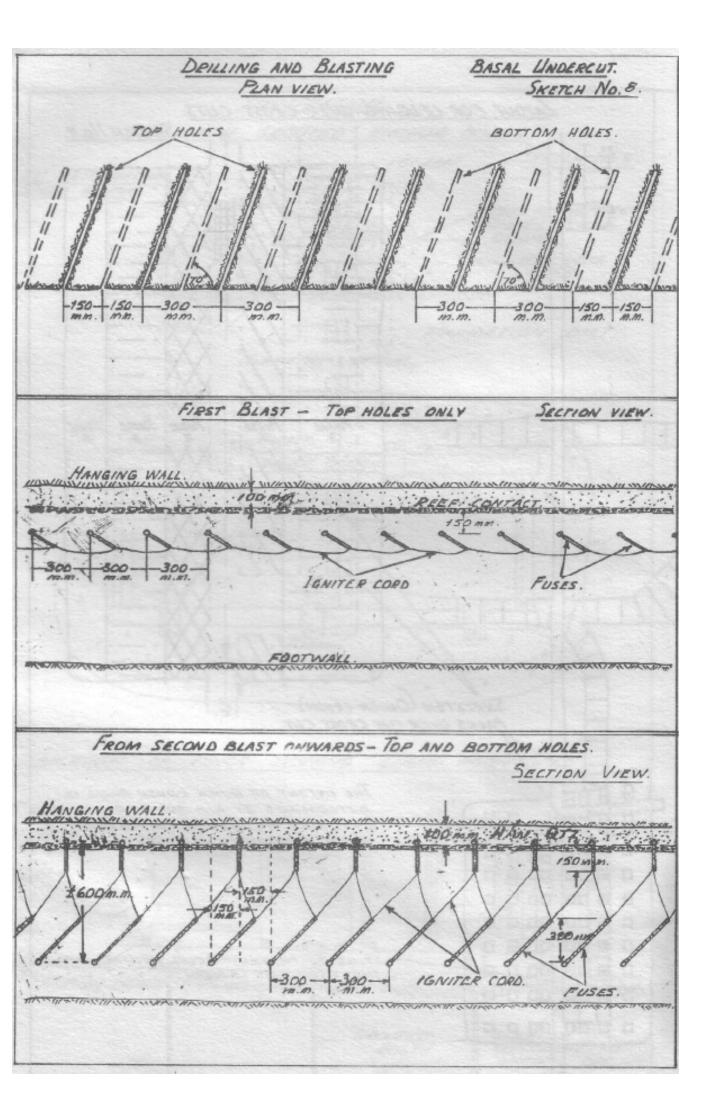






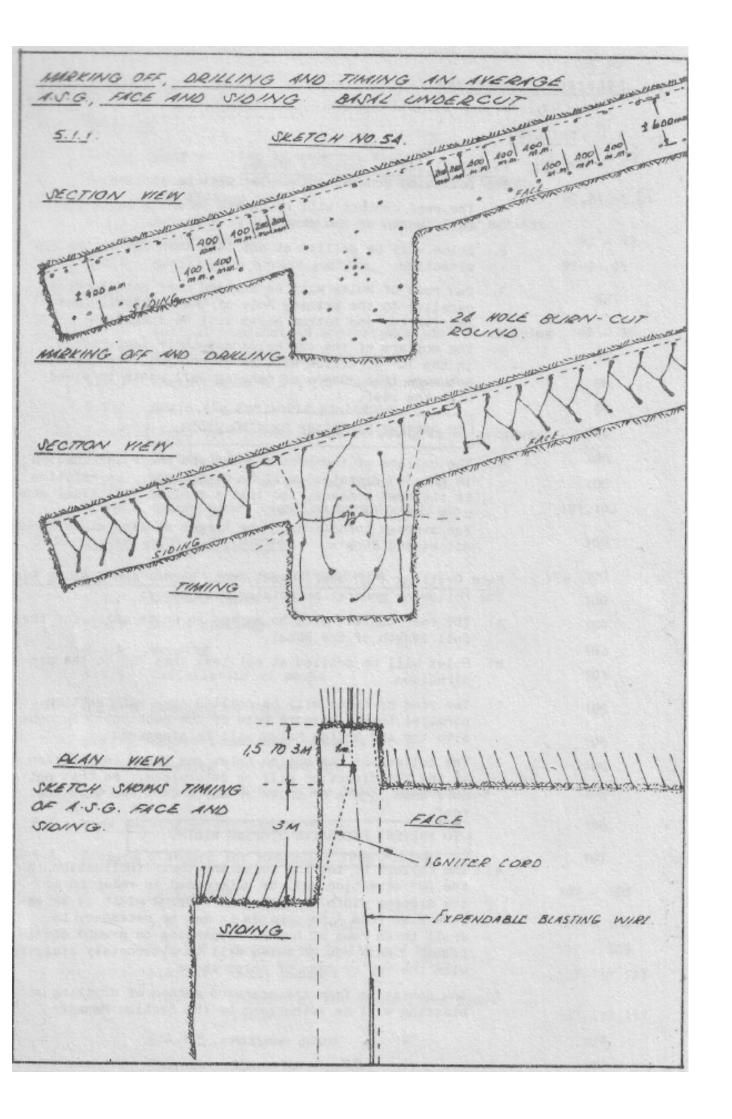


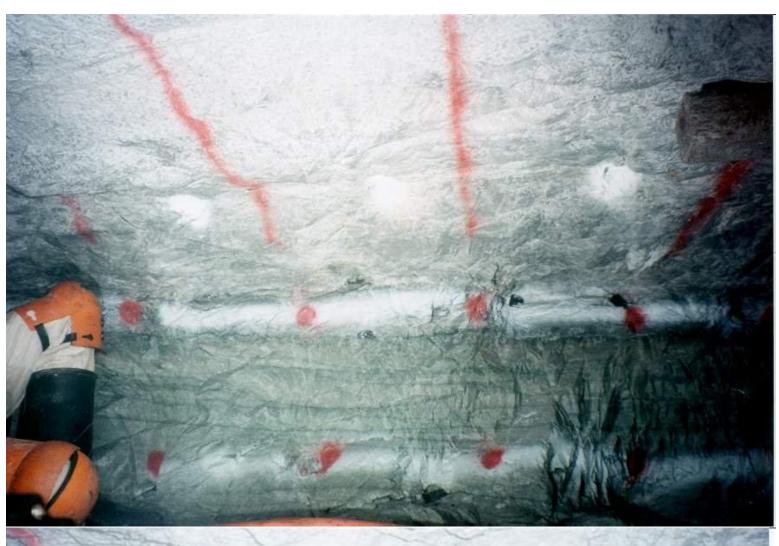


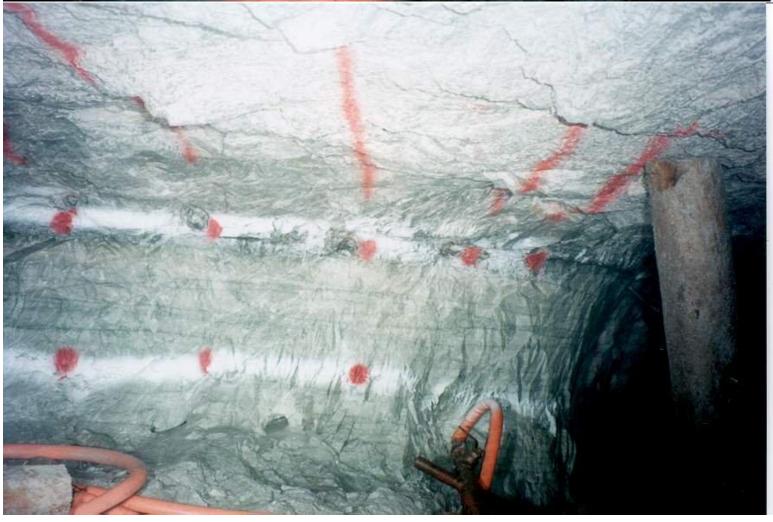


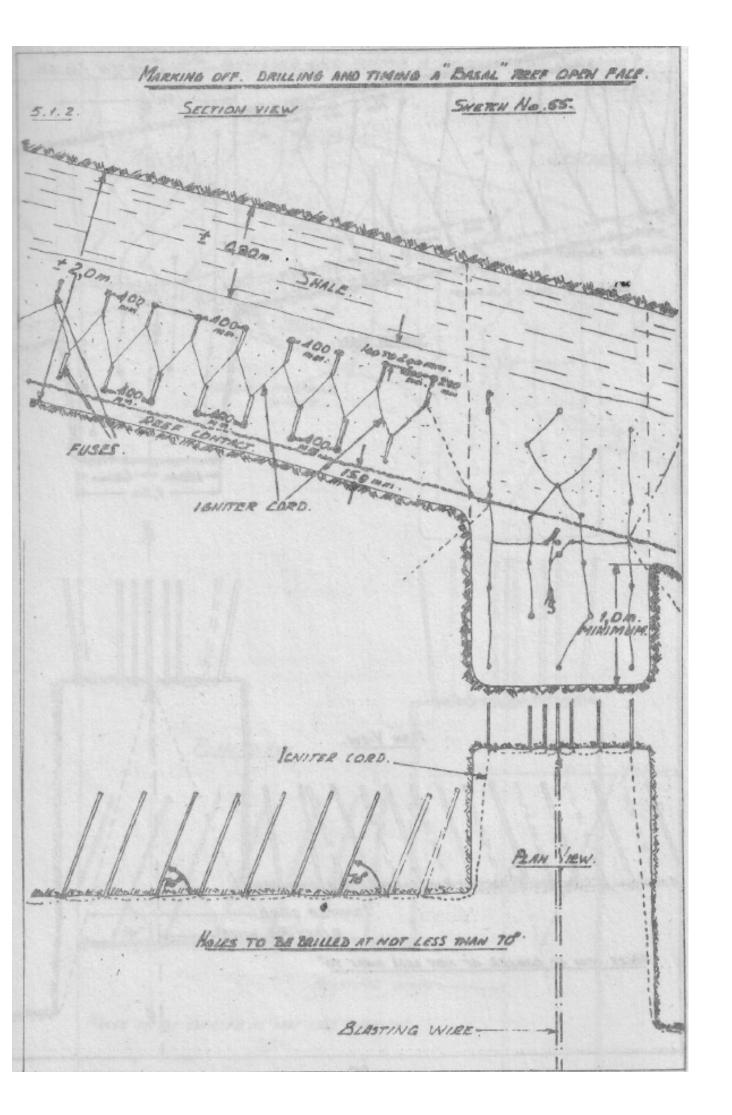


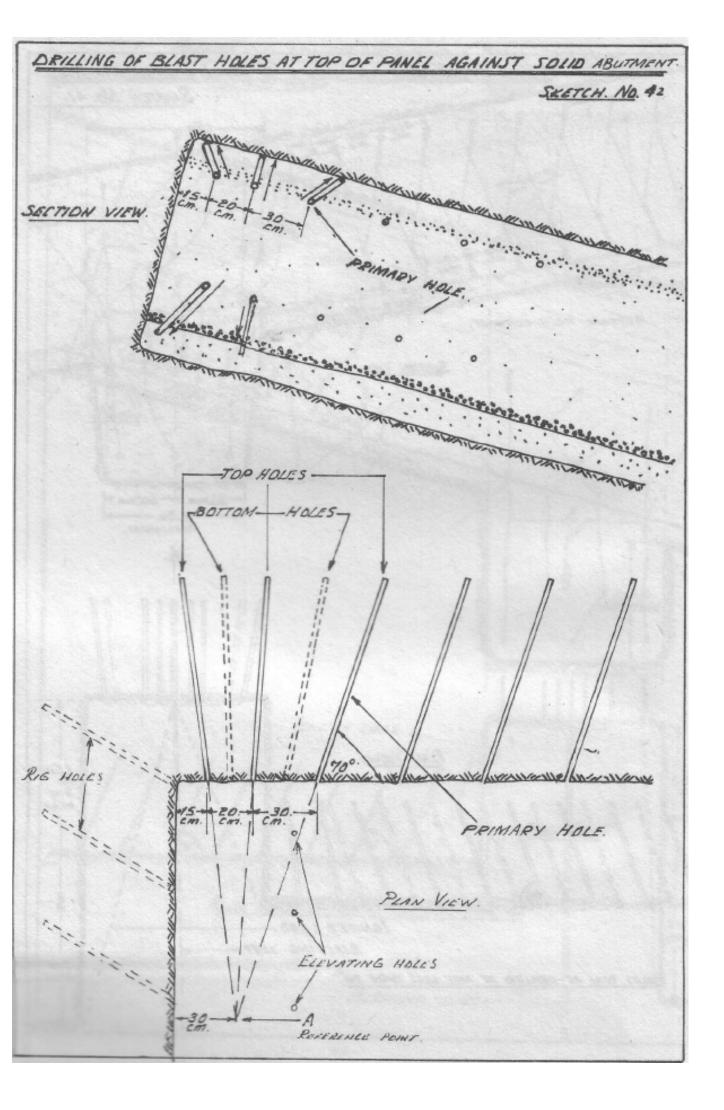


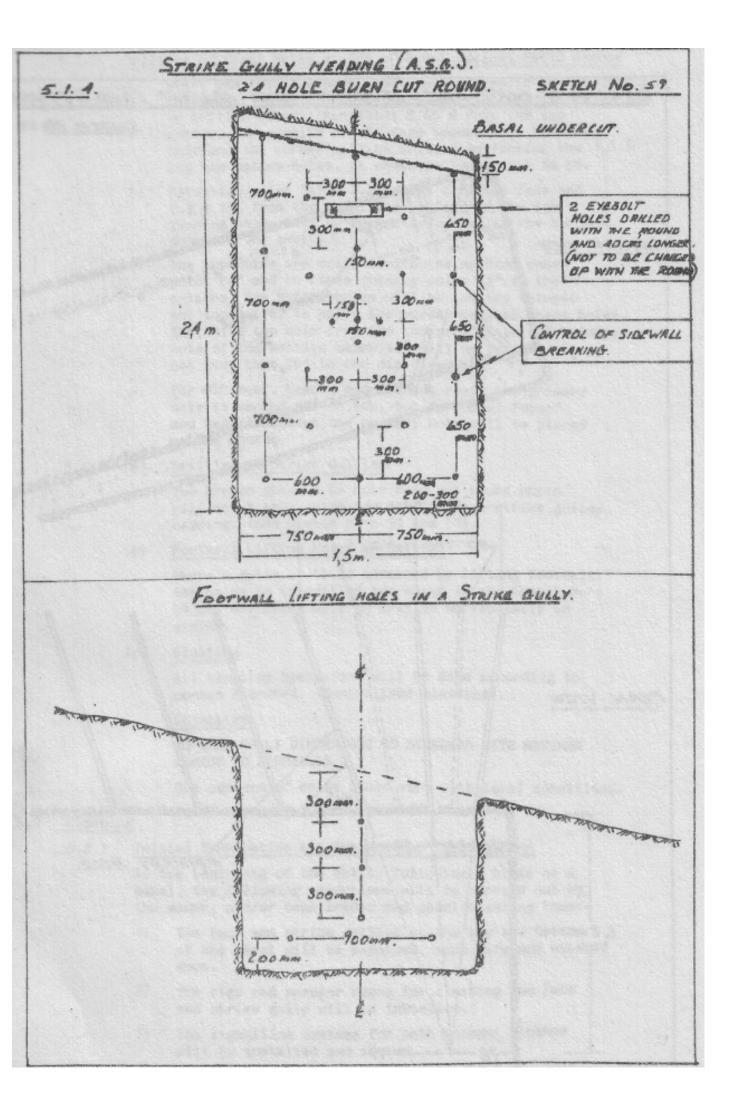


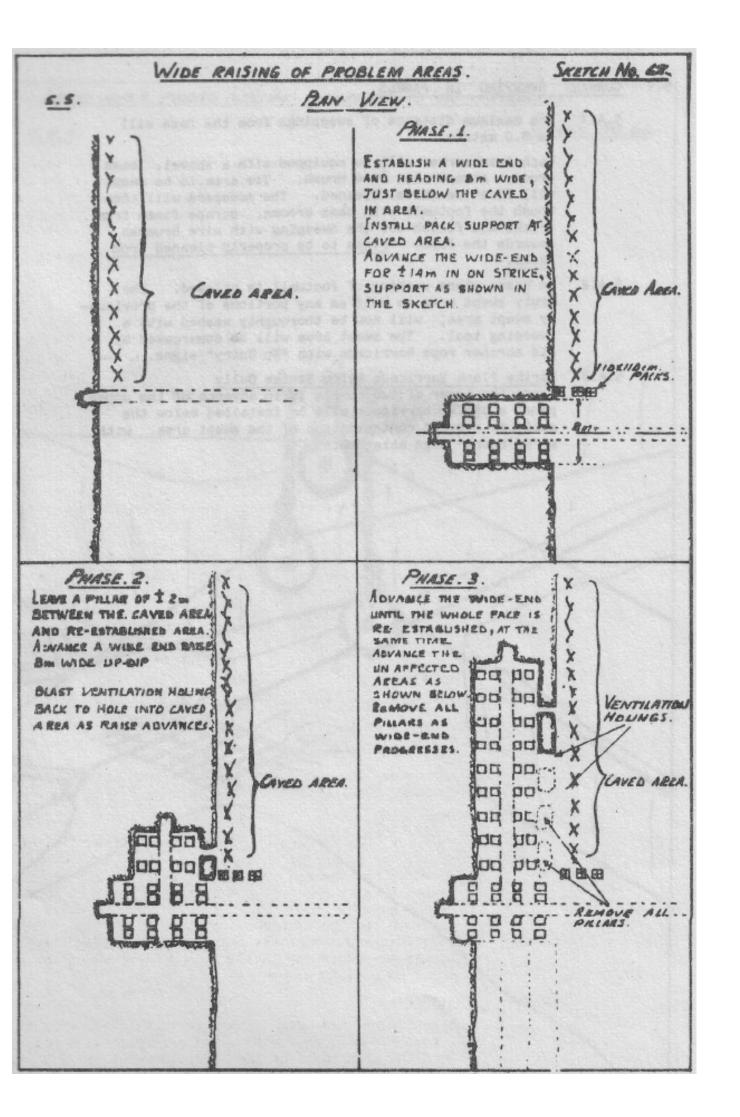




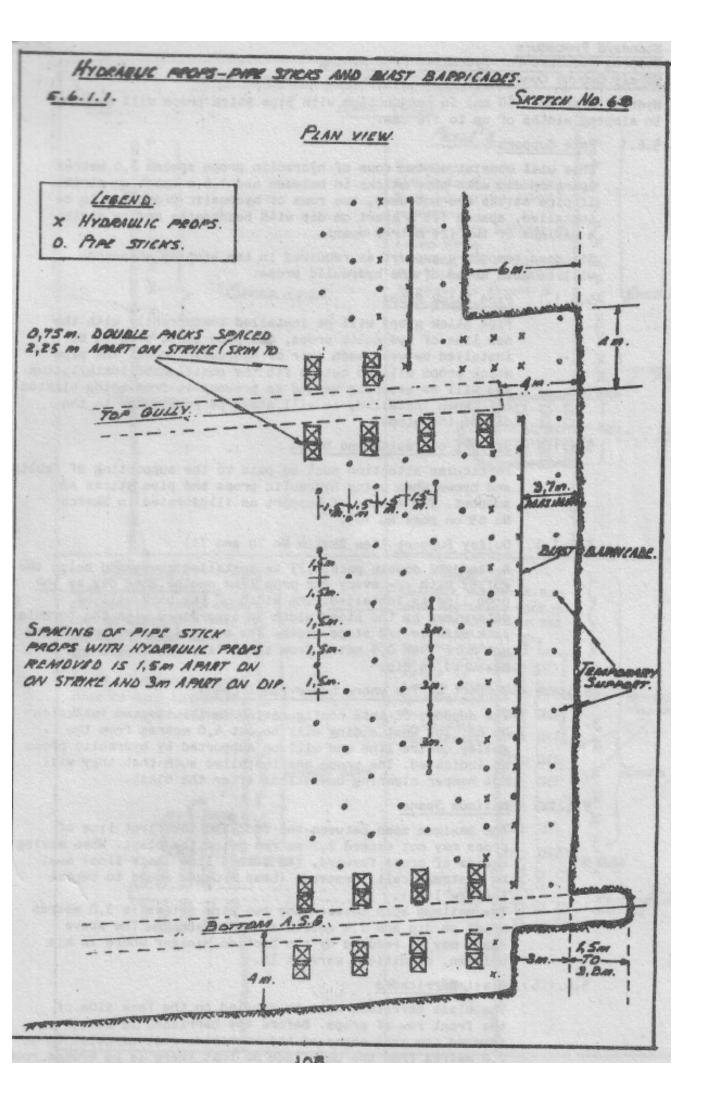


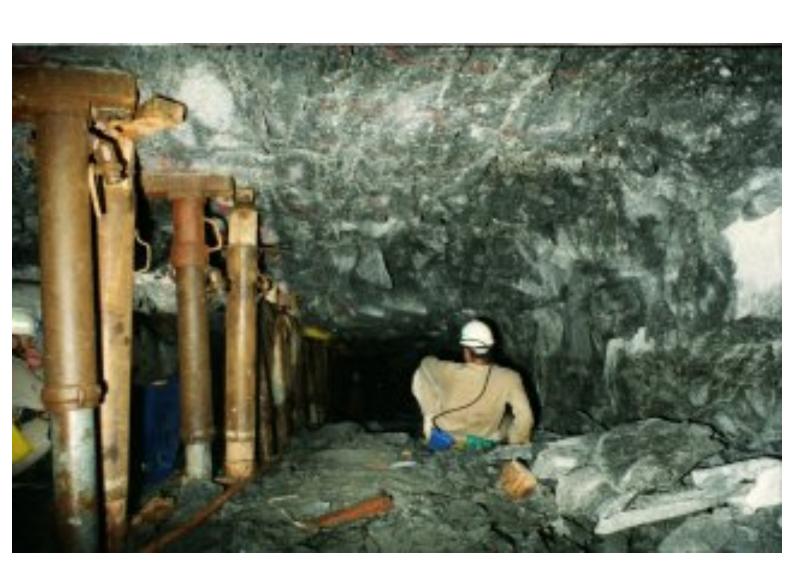


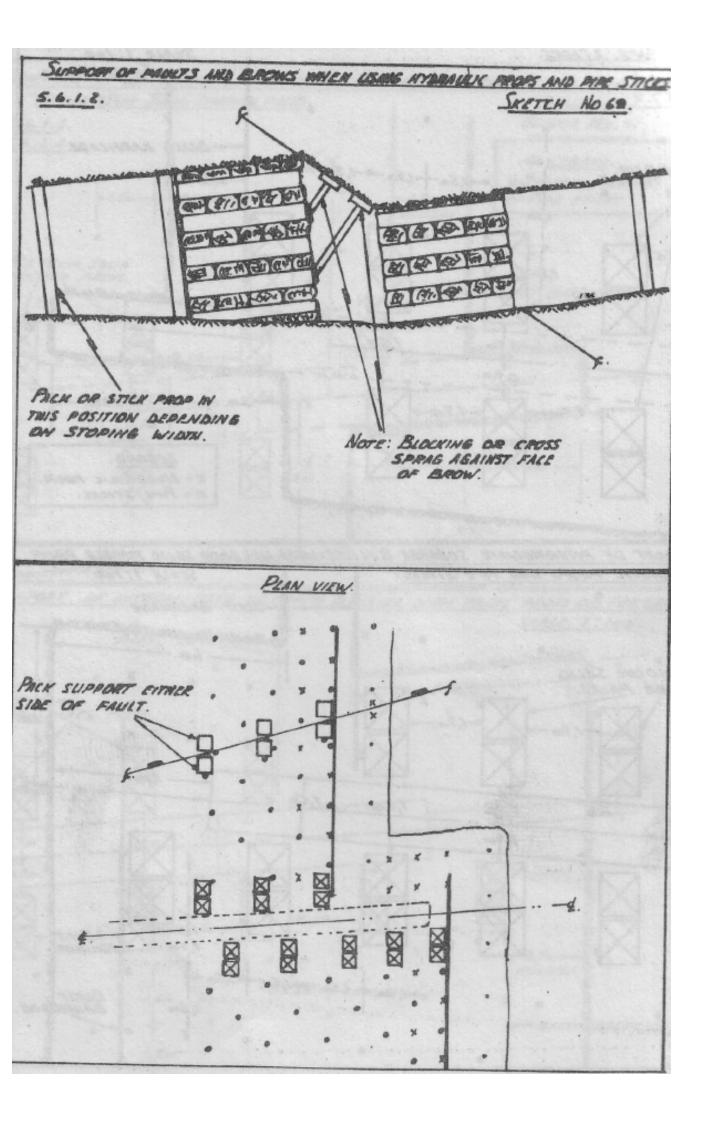


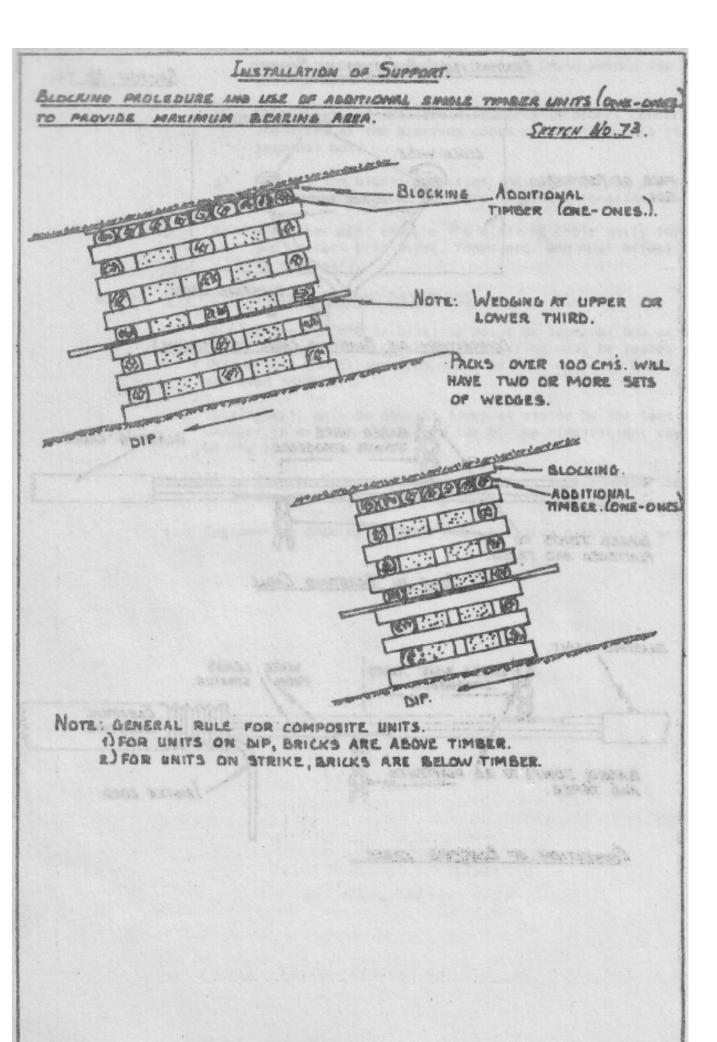








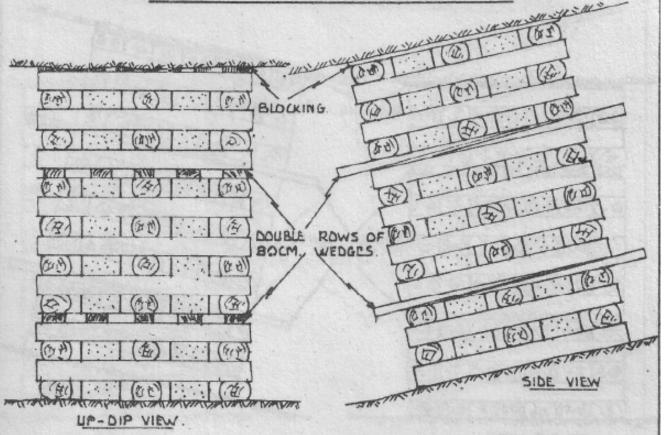




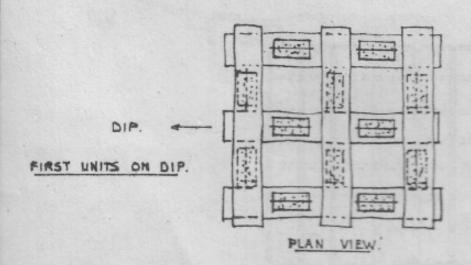
INSTALLATION OF SUPPORT.

SKETCH NOTA.

110 x 110 CM'S. COMPOSITE 9 POINTER PACK.

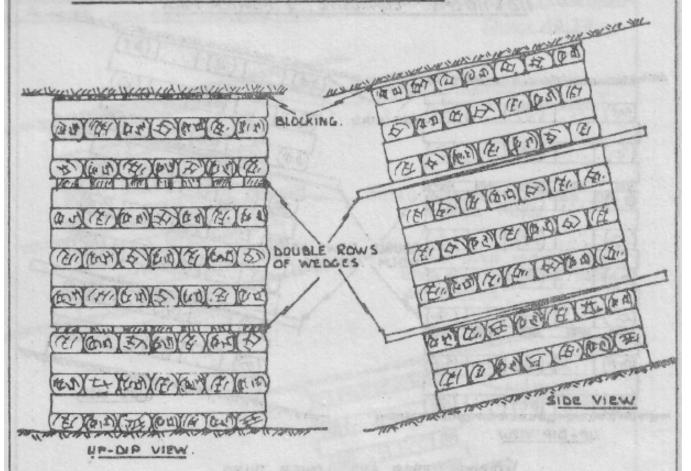


WEDGE UPPER AND LOWER THIRD .

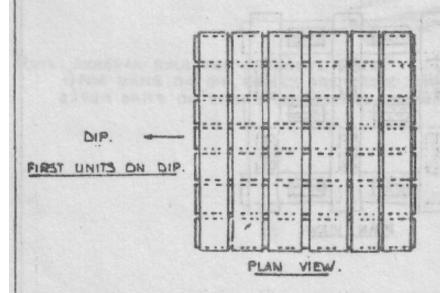


INSTALLATION OF SUPPORT.

SKETCH NO.73.



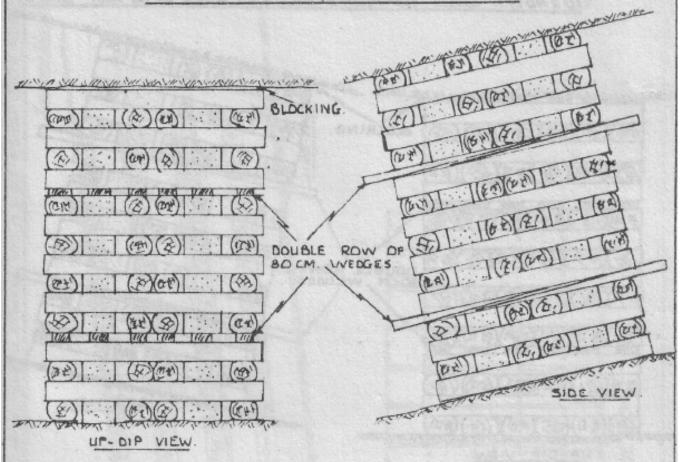
WEDGE UPPER AND LOWER THIRD.



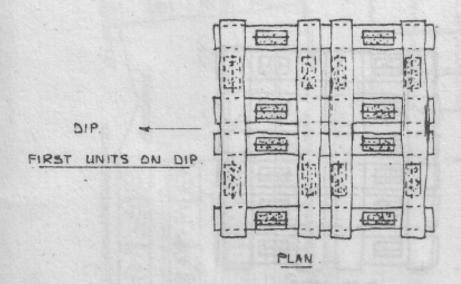
FOR USE IN STOPING WIBTHS OVER 150 CMS.

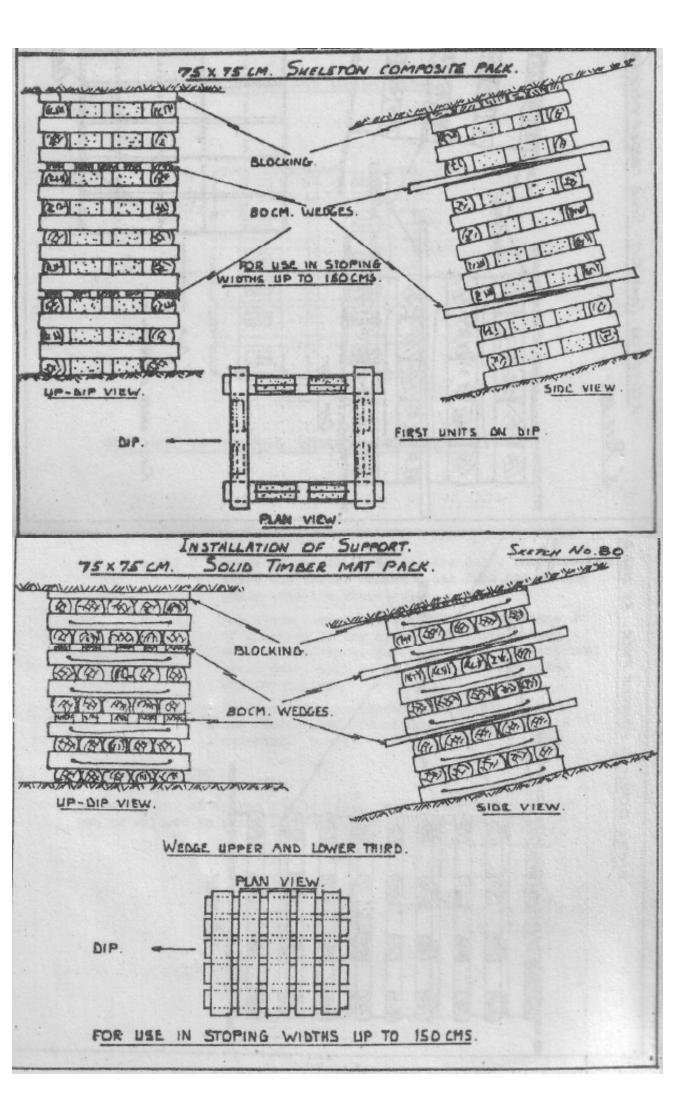


INSTALLATION OF SUPPORT. SKETCH NO. 74. 110 X 110 CM. COMPOSITE 16 POINTER PACE.



WEDGE UPPER AND LOWER THIRD.

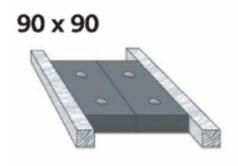


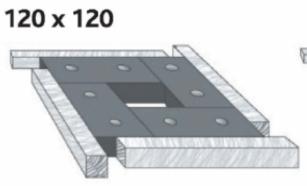


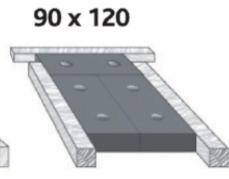






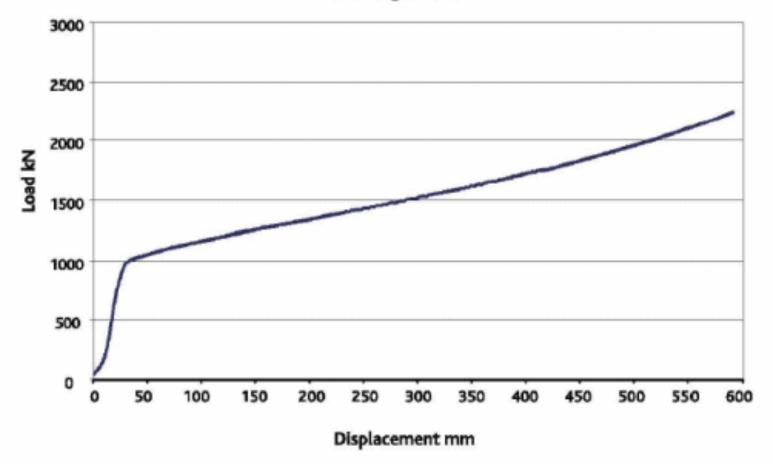


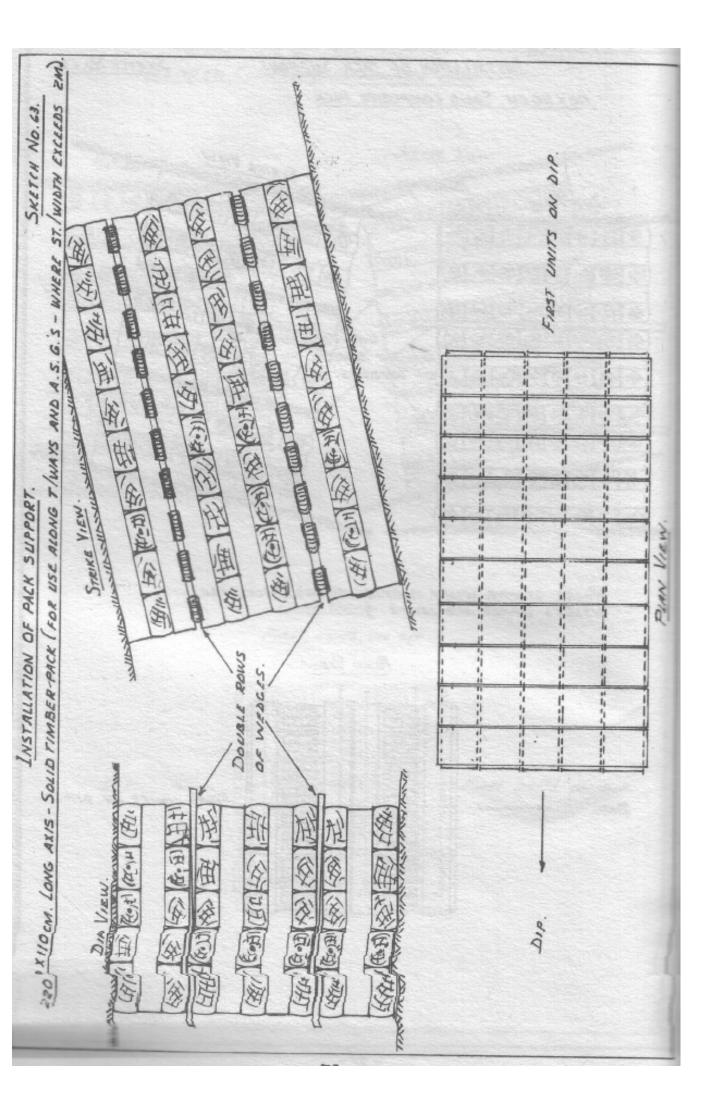




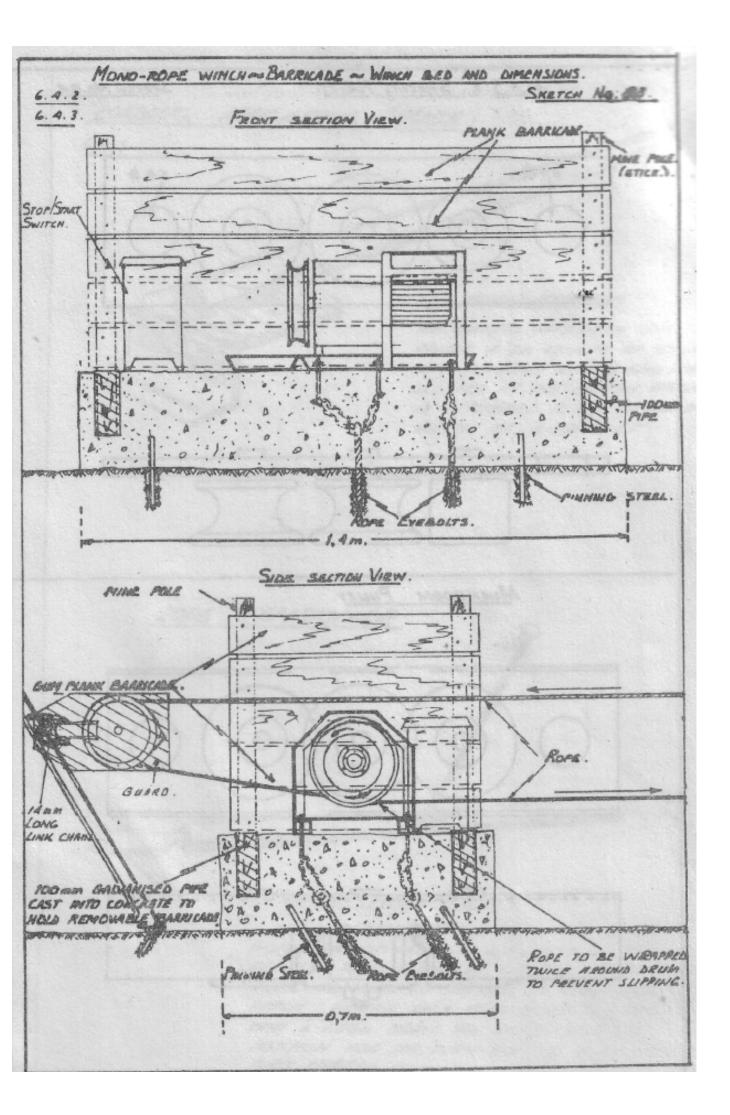
Grinpak 90-90 Configuration 90x90

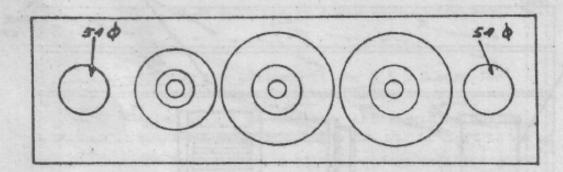
Test Height 1.8m

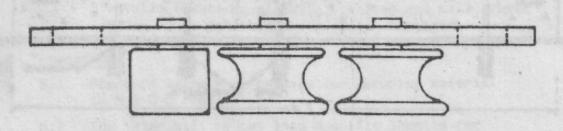




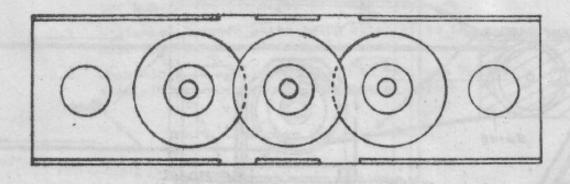
FIRE PROOFING OF TIMBER	SUPPORT	UNDERGROUND	SKETCH NO. 82
130 LATOR SWITCH	smilnega ja	. M	AULAGE.
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	The last		SA (SI
	中国		D. ESPORE
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		E Guley 8	Soxes.
Swroy Ass		[ce]	CN BOX
The state of the s	Tool	FR FR	
Swien zor	和日		To Trained
J.	FR. FA.		
PLECTRIC CABLE	100		THE RESERVE
E.P FIRE PRODEING			la piuna ta A
ALL PACKS OF TIMBER WITHWAN TWO METRES OF ELECTRICAL SWITCH GERR OR CABLES WILL BE FIRE PROOFED.			
ELECTRIC CABLES TO BE INSTRUCT NOT CLOSER THAN 2000 M.			
H	1	F.P.	
	and and	1	

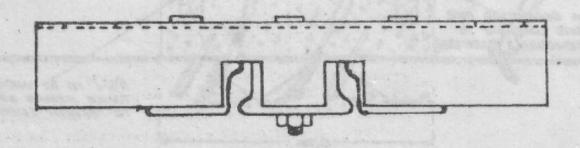


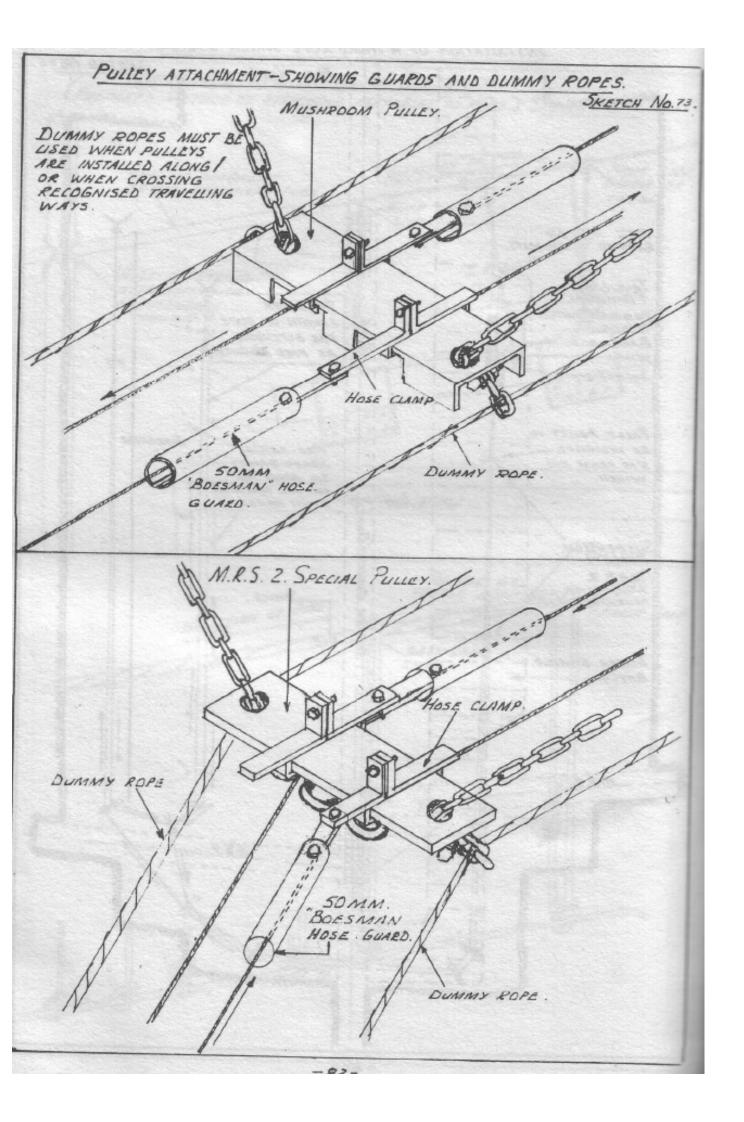


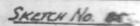


MUSHROOM PULLEY.



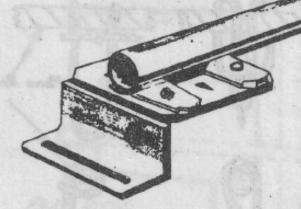






LOADING MAGAZINE (TUBE)

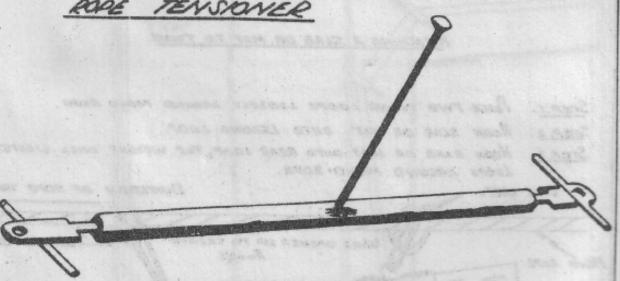
6.4.5.



LOADING MAGAZINE

THE LONDING MAGAZINE COM-ARISES A 2M LENGTH OF SOMM PIPE, TAPERED AT ONE END AND SLOTTED AT THE BOTTOM, MINICH IS ATTACNED TO THE MINCH BY MEANS OF A BRACKET.

ROPE TENSIONER

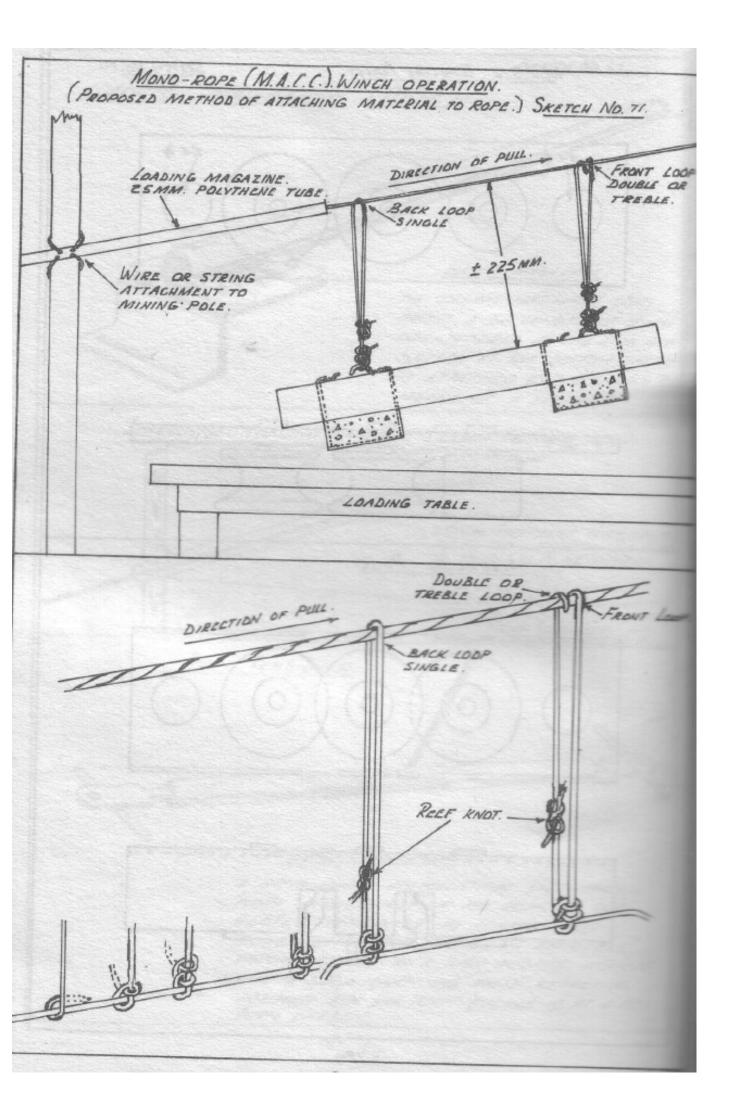


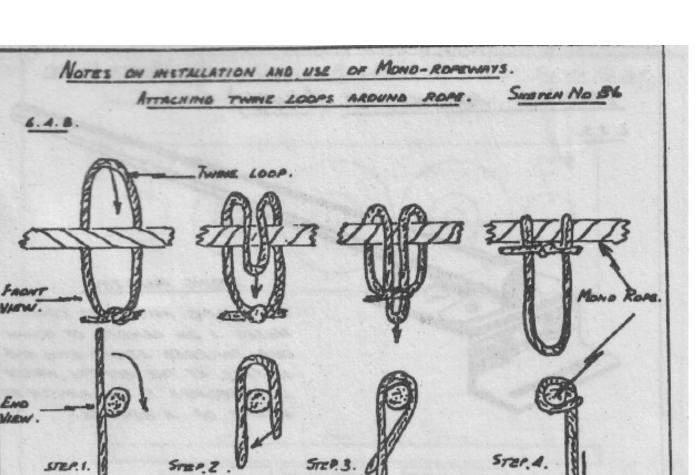
Please of rough comme to no green chann

DESTA WINDS OF KARA

ROPE TENSIONER

A MONO-RODE MUSTALLATION WILL ONLY WORK EFFECTIVELY IF THE RODE IS COR. RECTLY TENSIONED. TO ACHIEVE THIS A ROPE TENSIONING DEVICE IS AVAILABLE WHICH WORKS ON A TURN-BUCKLE ACTION WITH A 1,25M DRAW. THE MOST EFFECTIVE POSITION FOR THE TURN-BUCKLE IS AT A RE-TURN WHEEL.





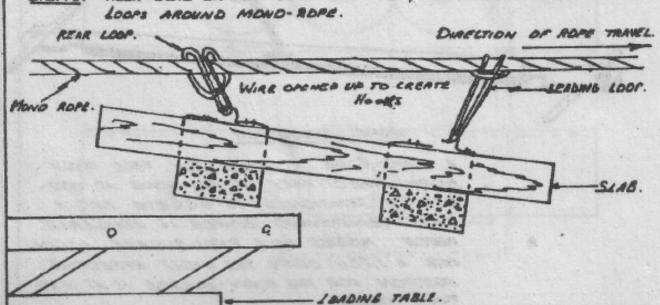
RECES OF TWINE STRING 30 TO SOCH. LONG ARE WARD TO MAKE LOOPS.

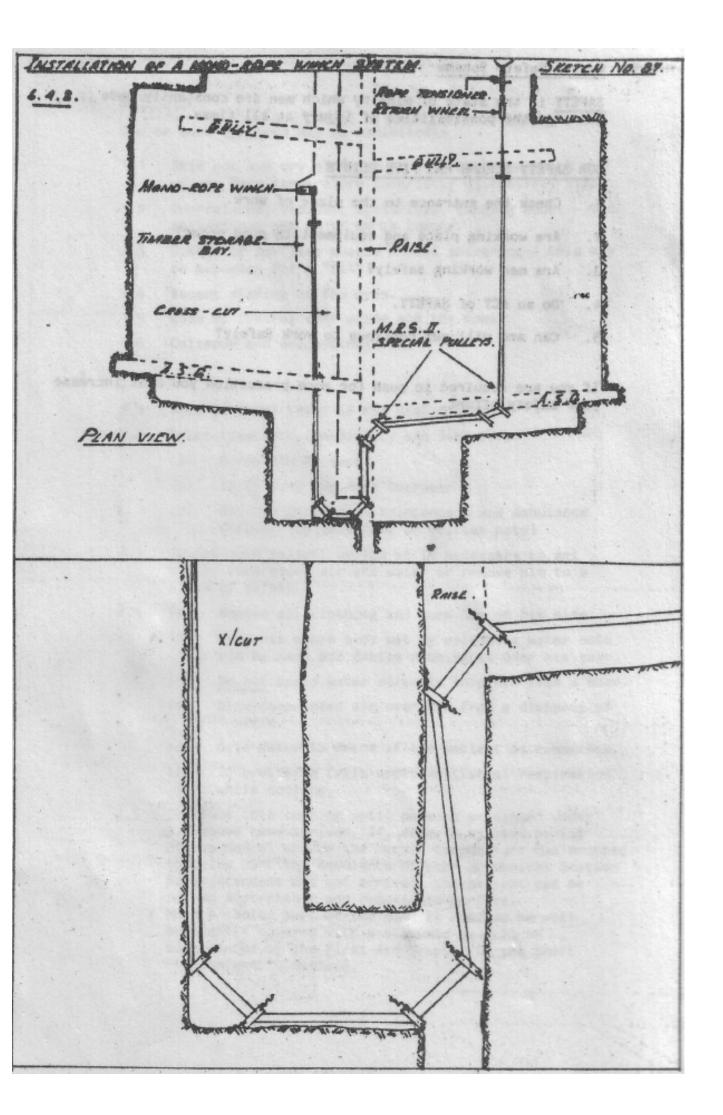
ATTACHING A SLAB OR MAT TO TWANT.

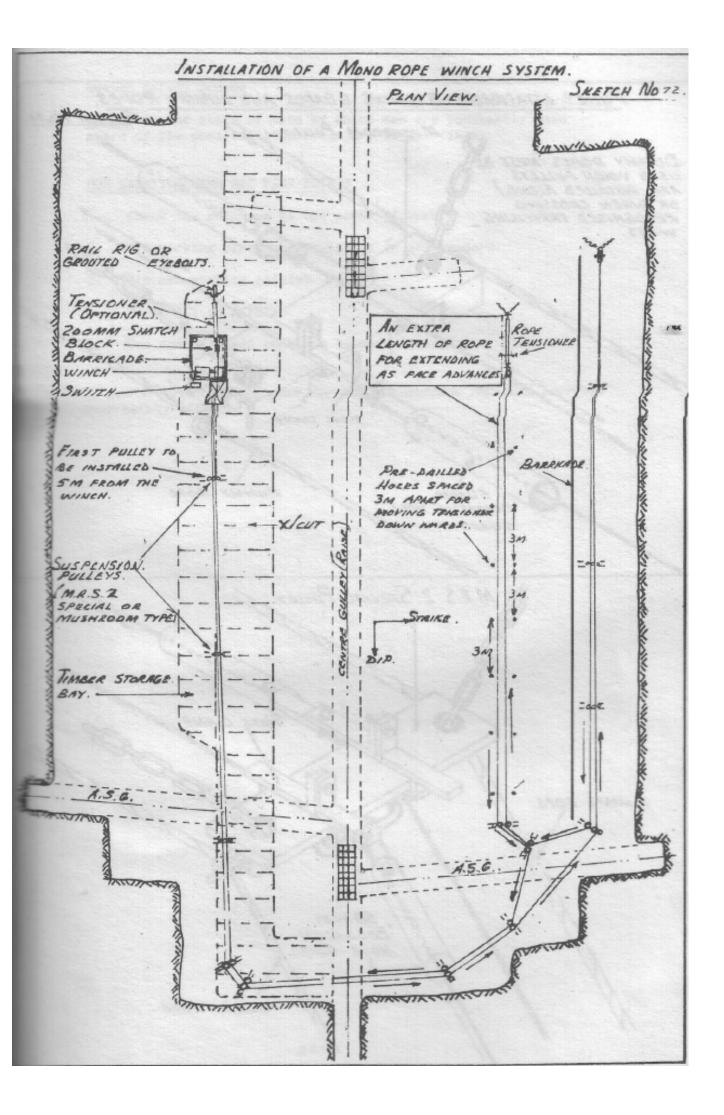
STEP. 1. PLACE TWO THINK LOOPE LOOSELY AROUND MOND ROPE.

SPEC. 2. HOOK SLAB OR MAT DNTO LEADING LOOP.

STEP. 3. HOOK SLAB OR MAT ONTO REAR LOOP, THE WEIGHT WILL DENTEN

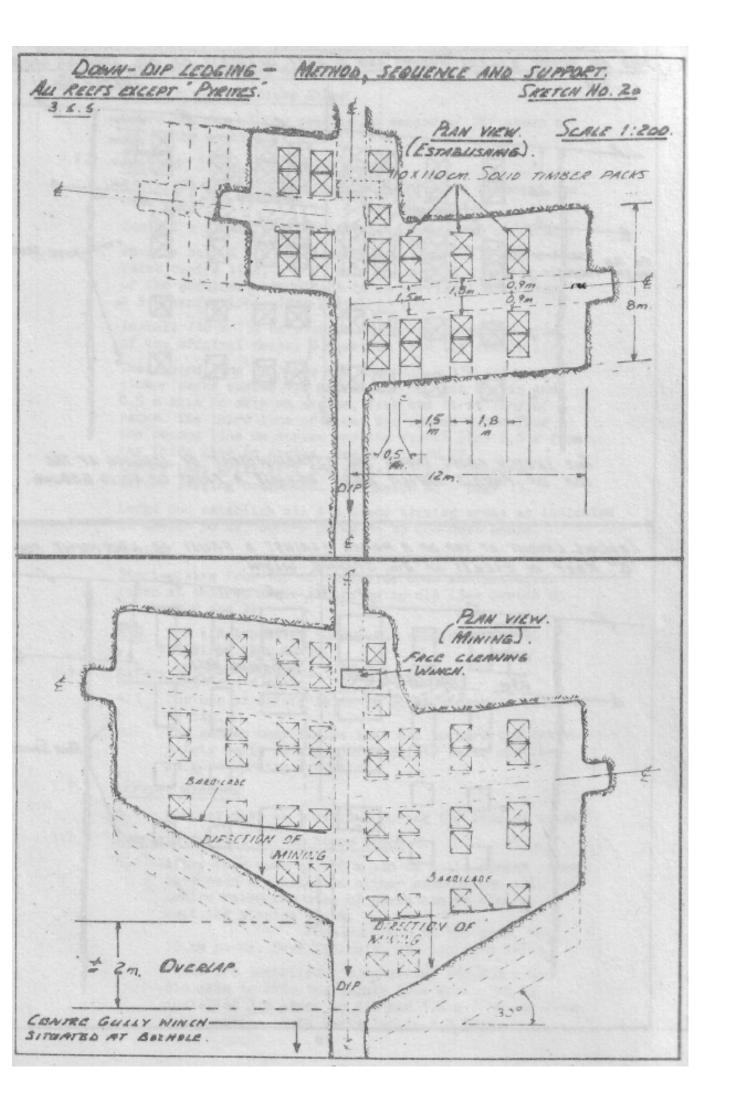


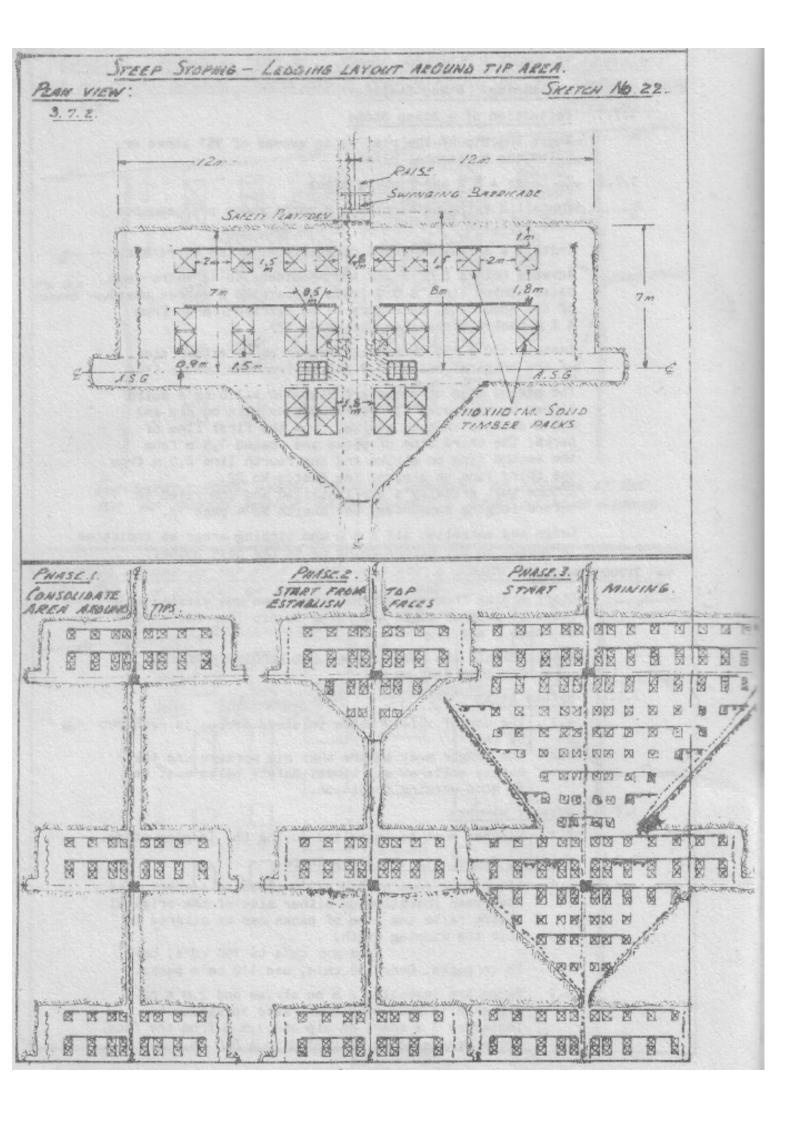


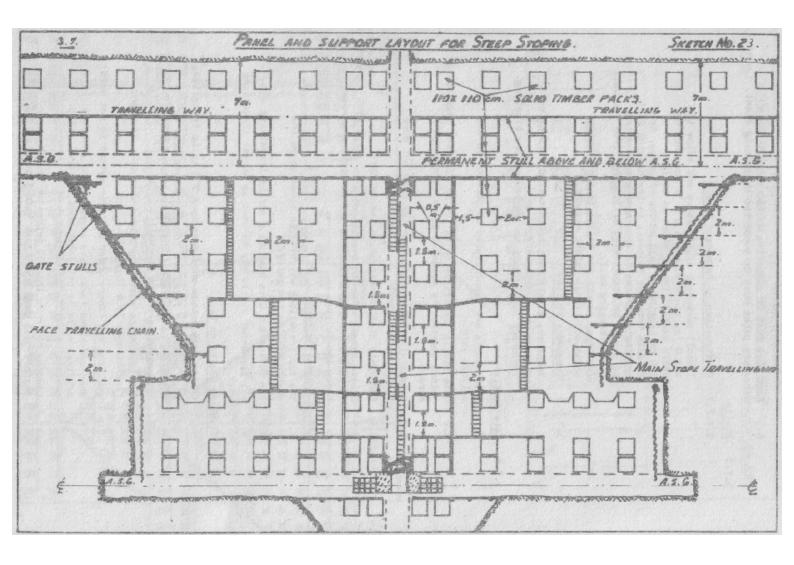


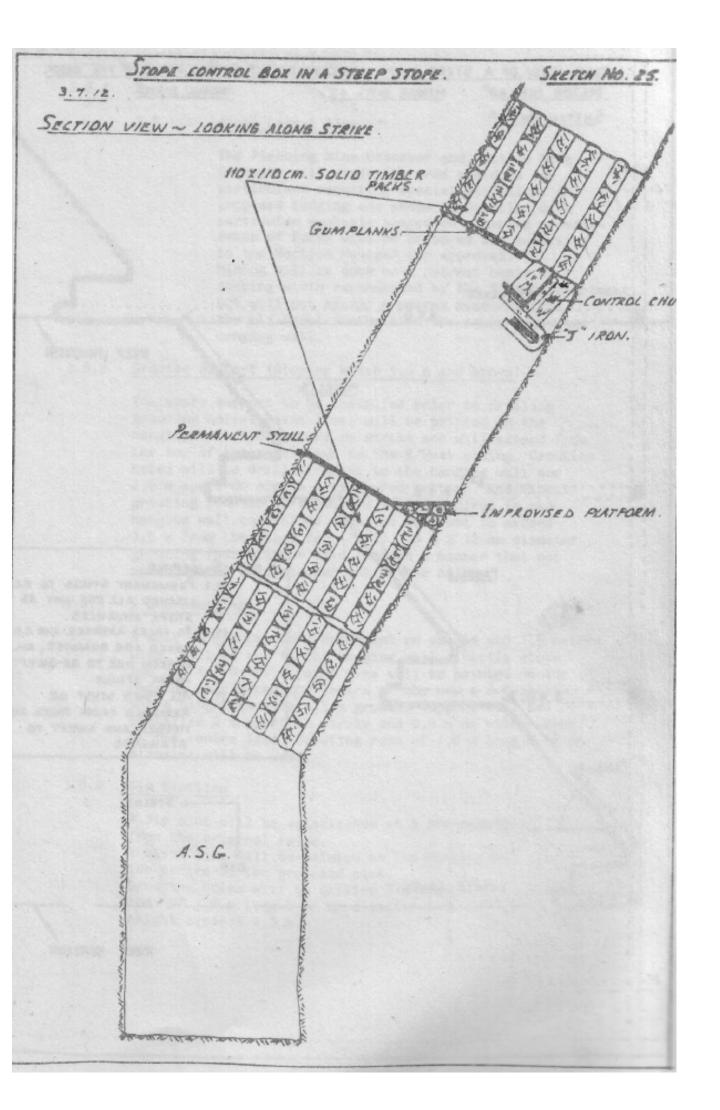


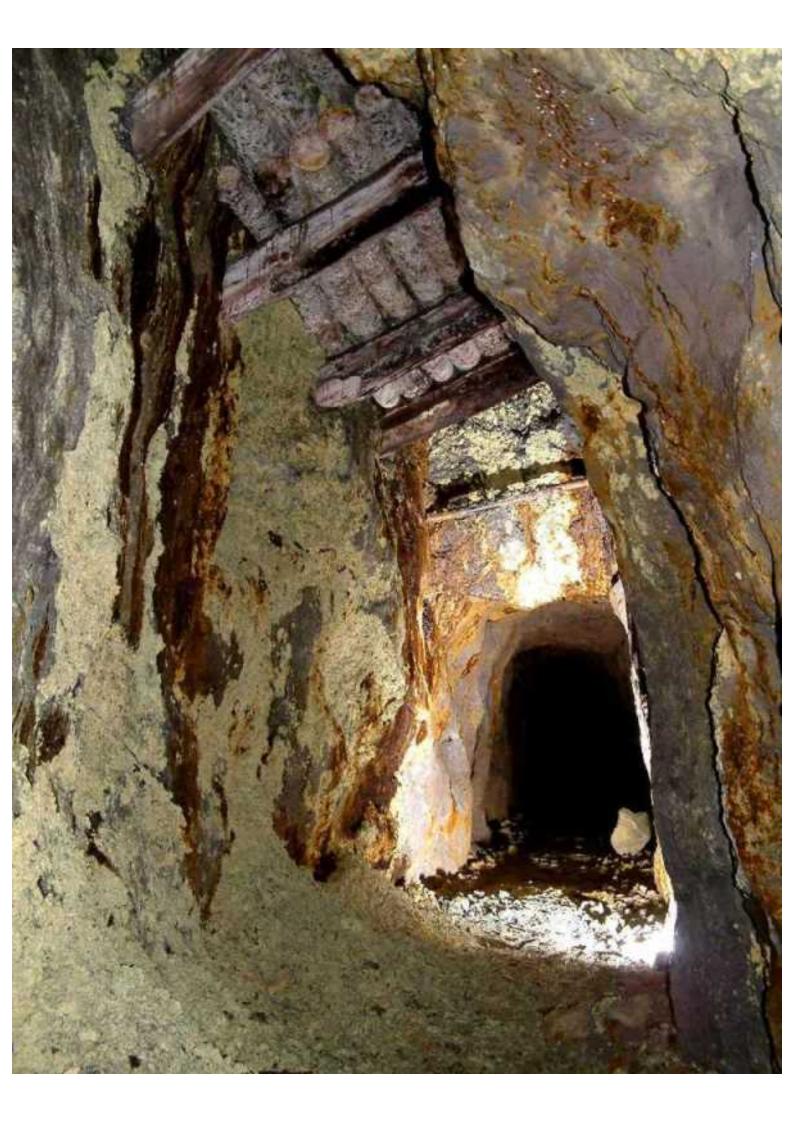
Steep mining (reef dips in excess of 35deg)











PLAN VIEW OF A STEEP STOPE-LOOKING AT SO TO THE PLANE OF THE RESE. MAJOR DIP - 60° MINOR DIP a 43°. SCALE 1:500. SKETCH No. 26. UPPER LEVEL. REEF HORIZON PANEL 3. - A.S. Q. MELETATOR SAUDINGSING 3.7.17. Sweeping: PANEL 2. 17.1. PREMANENT STUUS TO BE CLEANED ALL THE WAY AS STOPE ADVANCES. 17. 8. As FACES ADVANCE AND A.S.C. BAYES ARE REMOVED, ALL BROKEN ORE TO BE SWEPT PROM STULLS. 17.3. ALL FINES MUST BE PRODUCTO PROPERTY NAME AND DESCRIPTIONS REMOVED FROM PACKS AND THEER AND SWEPT TO STANGARD. - STALKE. DIP. 1.2.6. LOWER LEVEL. REEF HORIZON.

