



**LEGEND**

- ### Indicates caves.
- Dotted lines indicates approximate rib lines and faces.
- Red solid line indicates proposed power line from Power Hole to proposed pump room.
- Blue lines indicates proposed discharge lines from proposed pump room to present discharge hole.
- Brown lines indicates proposed suction lines from proposed sump to proposed pump room.
- Indicates proposed haulage road to proposed pump room.
- Stoppings to be built
- Doors to be built

3-Conductor N94 Underground Armoured Cable for direct burial in ground - To be Buried to a depth of 12"

Elev. Top Discharge Hole = 1737.10  
 Elev. Bottom Discharge Hole = 1422.00  
 Depth of Water Hole = 315.10

Elev. Bottom Discharge Hole = 1422.00  
 Elev. Proposed Pump Room = 1388.00  
 Diff. in Elev. = 34.00  
 Depth of Water Hole = 315.10  
 Total Head = 349.10

Note:  
 Approximate Total head from proposed Pump Room = 349'

BILL OF MATERIAL		
No.	SIZE	DESCRIPTION
1	4.5"	Lateral (Reducing)
	12"	830 ft. Cement Lined Pipe (250# pressure)
	10"	130 ft. " " " "
	6"	500ft. 3-Conductor 2/0 Cable (Lead Covered)
	6"	100ft. Galvanized Pipe from lock to lock
55		Steel Rails - 7ft. long - (100# Rails)
90		" " 13ft. " " "
30		" " 11ft. " " "
400	12" Dia.	Locust Posts - 5'-6" Long
4000		Brick for Stoppings

Note: Other pipe fittings and pipe to be ordered according to pump plans

THE KOPPERS COAL DIV. SONMAN, PA.

NOTE BOOK NO.	APPROVED
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DRAWN J.M.B.	TRACED G.M.R.
CHECKED	DATE 12-16-46

PLAN SHOWING PROPOSED PUMP INSTALLATION AT THE BOTTOM OF SHAFT - B-SEAM  
 SCALE 1" = 40' No. F-468

REVISIONS	BY	DATE	MARK