MARK III INTERNAL TARGET AREA GUESS

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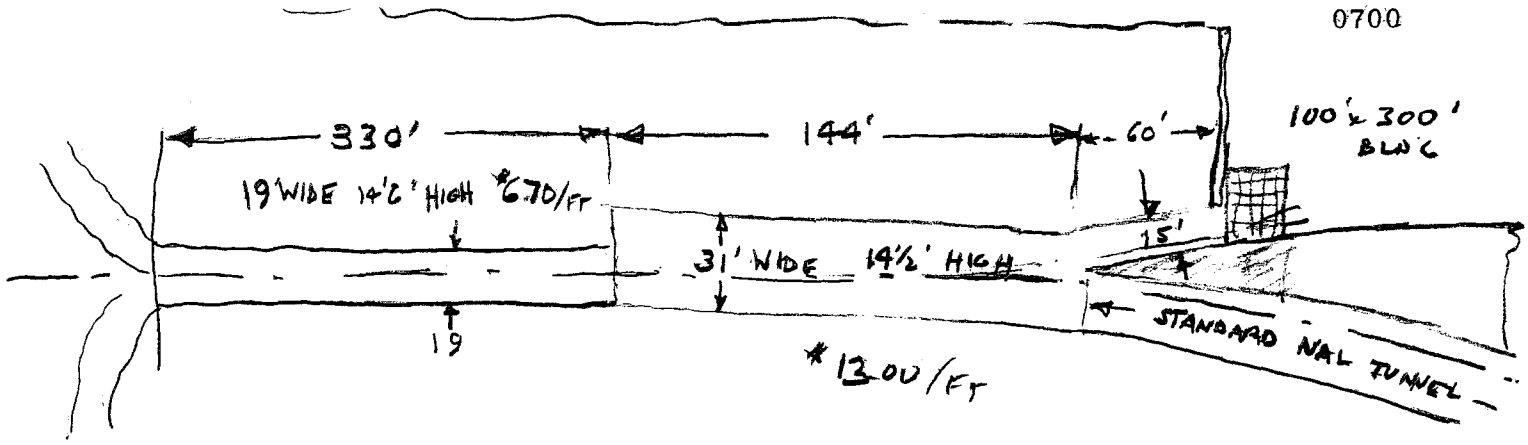
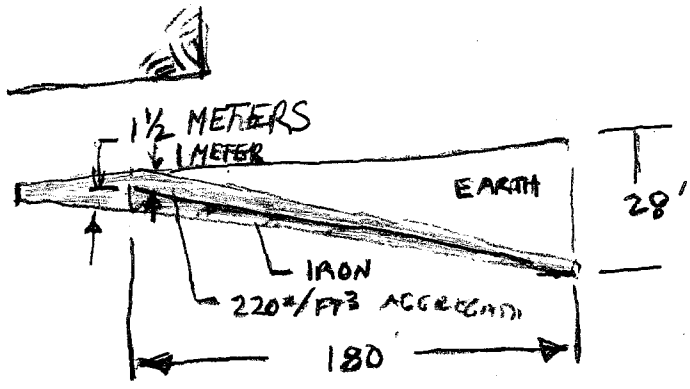


TUNNELS - INCLUDING FLOOR & CRANE RAILS

224' OF 19' x 14½' TUNNEL $670/FT	=	$150000
144' OF 21' x 14½' TUNNEL $1300/FT	=	190,000
60' OF 15' x 14½' TUNNEL $450/FT	=	30,000
		$370,000

INCREASED DENSITY SHIELDING



IRON

ASSUME 18' HIGH

$4\frac{1}{2} \times 180 \times \frac{1}{2} \times 18 = 7300\ FT^3$

COST/FT³ @ 4¢/LB $4.90 \times .04 = \$19.60$

TOTAL = 7300 x 19.6 = $143,000

HEAVY AGGREGATE

$3' \times 180 \times \frac{1}{2} \times 18$ FT HIGH FT³

$+ 50 \times \frac{8+4}{2} \times 18$

$\frac{3 \times 90 \times 18 + 50 \times 6 \times 18}{27} = 280$ YDS

COST @ $100/YD = $28,000

370,000	TUNNEL
143,000	STEEL
28,000	HEAVY AGGREGATE
30,000	TWO 15 TON CRANES
20,000	
$590,000	MAJOR COMPONENTS

W. H. Sabin 8-18-67

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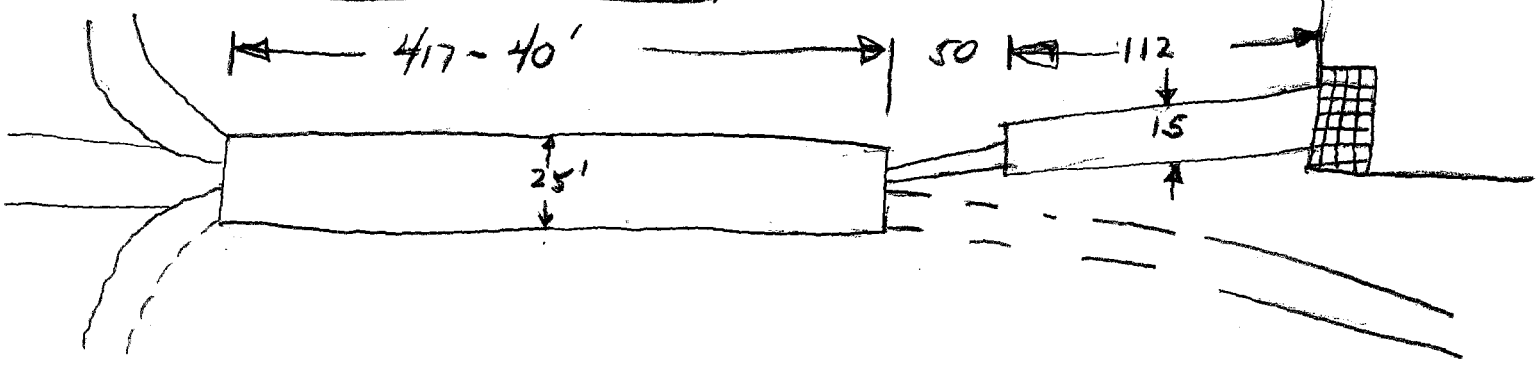
INITIAL CONFIGURATION



25' TUNNEL $35/FT ≈ $900/FT

25'	377 × $900	=	$340,000
15'	112 × $450		50,000
	25' SPAN 15 TON CRANE		35,000
			$425,000

SCHEME III	$590,000
SCHEME II	425,000
DIFF.	$165,000

Will be a little less since no change needed for two pipes 50' long, fill over them and shortening of fill to old building retaining wall. Nearer $100,000 diff than $165,000