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Siege of Sebastopol 1854-5

Elphinstone, H.C.

London, 1859

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[Part IV.]

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Rat 1464

III

THE BIRCHMOUNT AND HERBARIUM



Rai 1464

VII



OUTLINE PLAN OF THE RIGHT ATTACK.

(English.)

NOTE—The Ground is enlarged from a smaller scale.



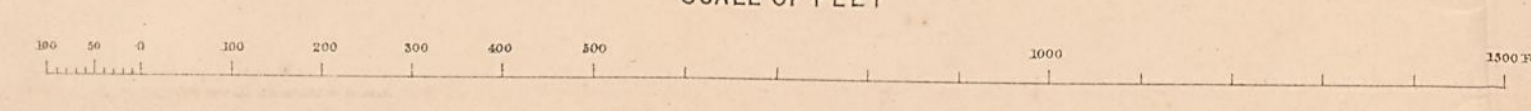
MAMELON OR
Kamstchaka Redoubt



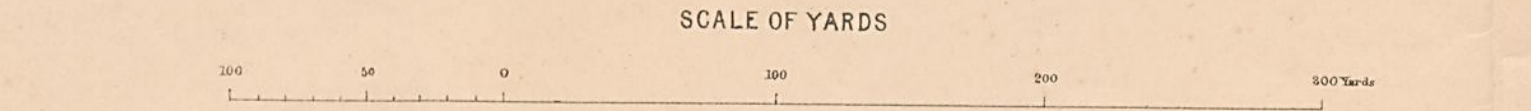
REFERENCE.

- Russian Trenches are marked thus
- Do do which were reversed and made use of by the British
- Mortar Batteries M.B.
- Magazines M
- Ditches d

SCALE OF FEET



SCALE OF YARDS



VIII

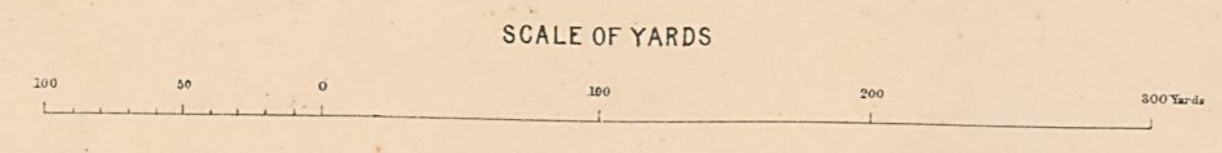
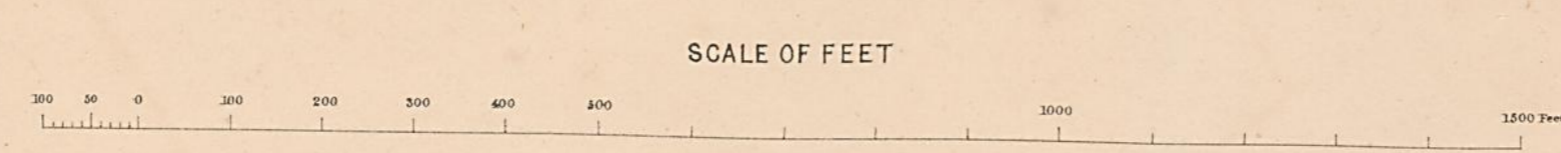
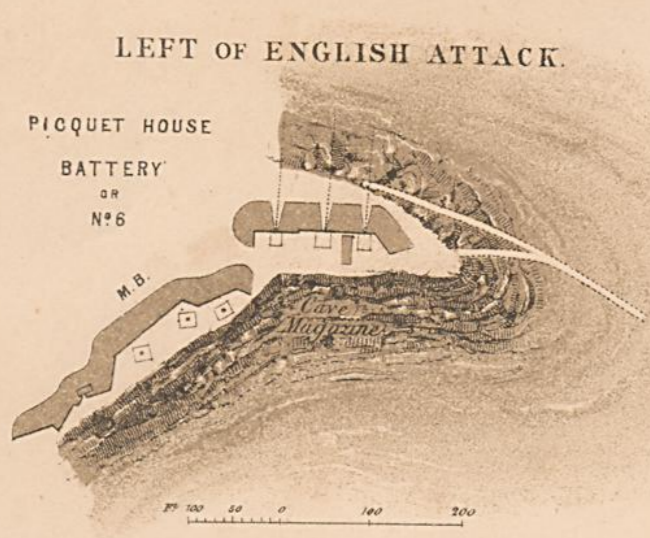
Rai 1464

VIII

OUTLINE PLAN OF THE LEFT ATTACK.

(English.)

NOTE—The Ground is enlarged from a smaller scale



REFERENCE.

Russian Trenches are marked thus: ————
 Do do which were reversed and made use of by the British: ————
 Mortar Batteries: M. B.
 Magazines: M.
 Drains: d

For Sections on a, b, c, & see Plate XII.
 The other letters refer to the Journal.

Rai 1464

TK + X

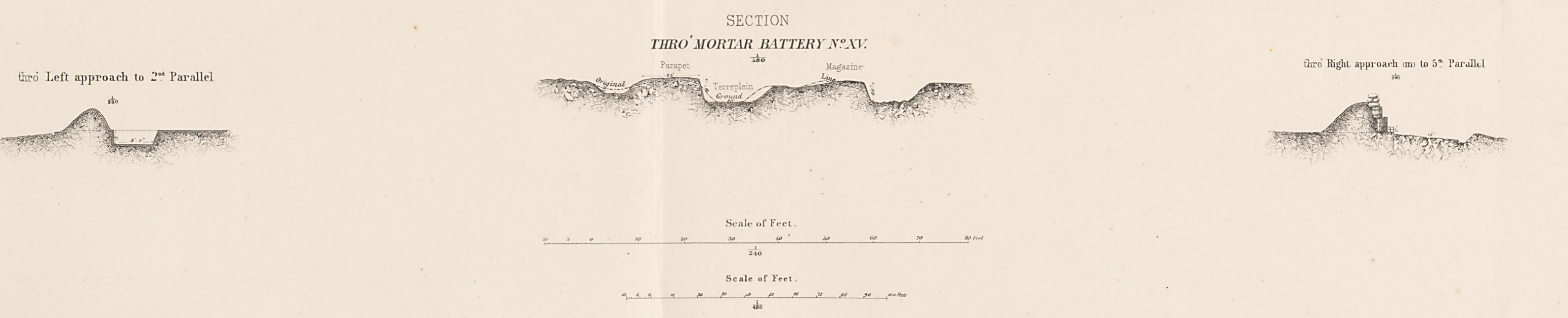
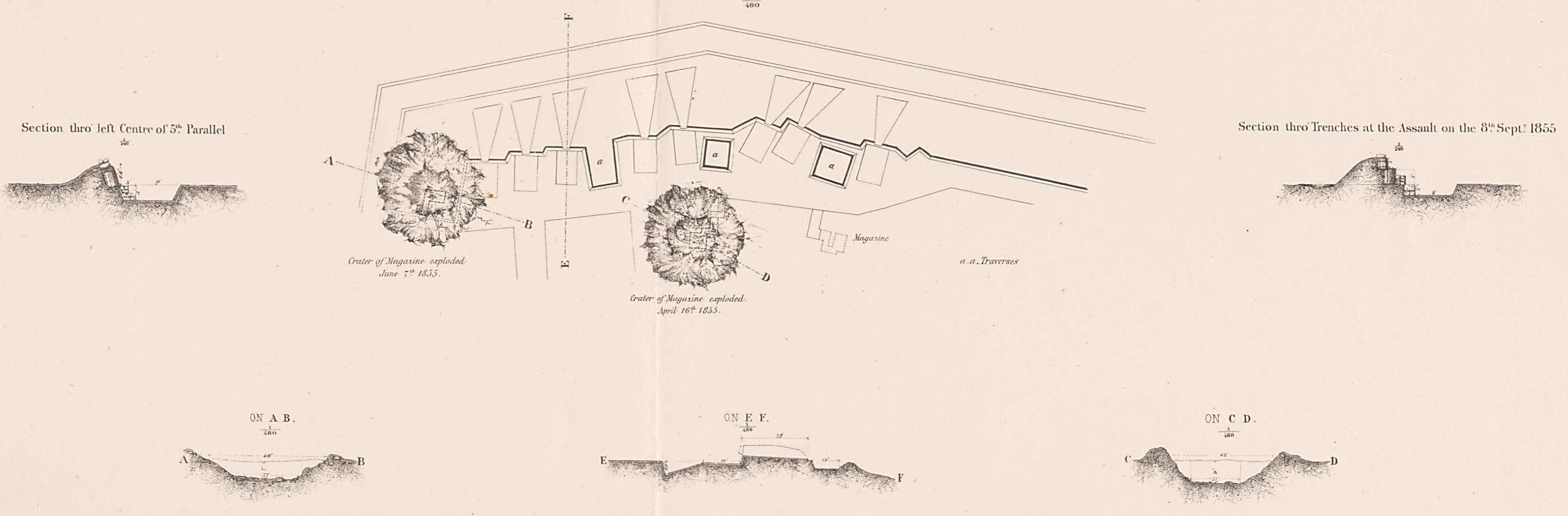


RIGHT ATTACK.

DETAILS AND SECTIONS OF THE WORKS.

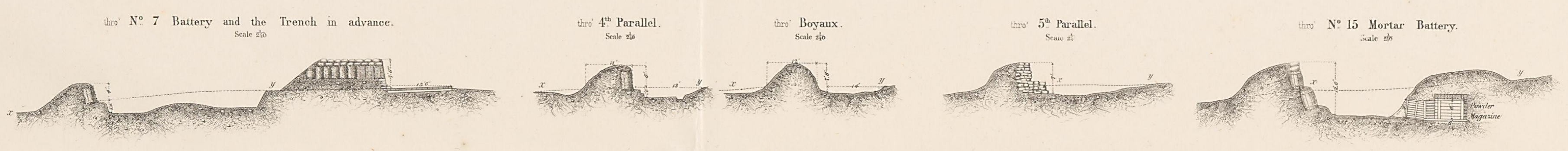
PLAN OF N° IX BATTERY.

Shewing the Craters produced by explosions of Powder Magazines.



LEFT ATTACK.

DETAILS AND SECTIONS OF THE WORKS.

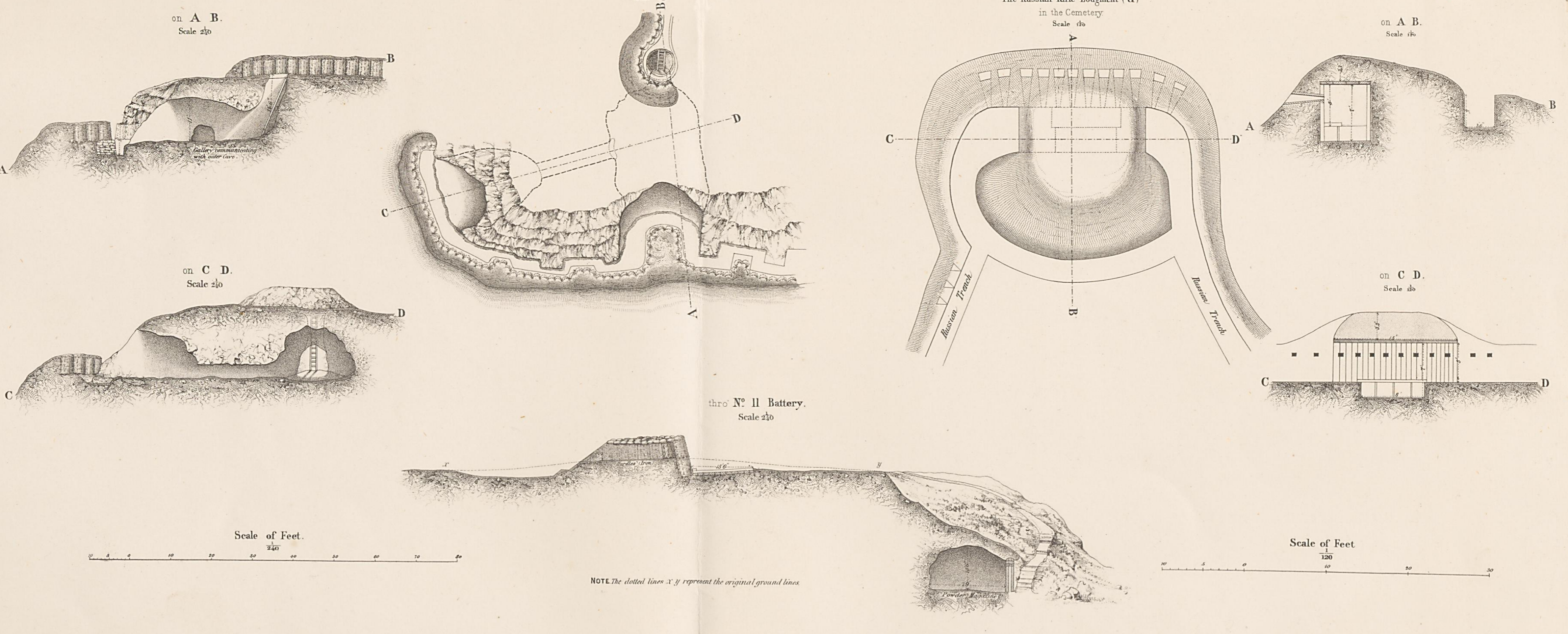


PLAN OF THE CAVES

on the left of the 4th Parallel.

PLAN OF

The Russian Rifle Lodgment (U) in the Cemetery



Rev 1464

XI



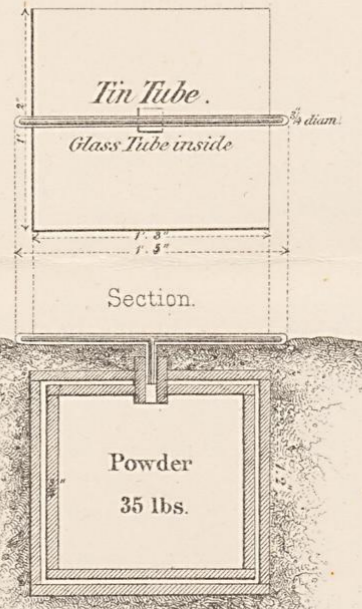
SKETCH
 OF THE
"QUARRIES" & RUSSIAN WORKS
 IN FRONT OF THE ADVANCED TRENCHES
 of the
Right Attack,
 Prior to the Assault on the 7th June, 1855.

NOTE. The Communication and Lodgment formed in the Quarries during the night of the 7th June 1855 are shown thus -----
 The Trenches marked R. are Rifle Pits.

RUSSIAN POWDER BOX.

A.

PLAN.



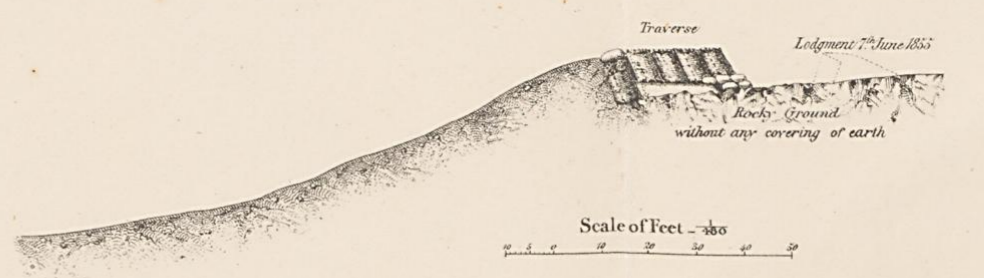
In 12 6 0 1 Foot



Scale of Yards



SECTION thro' the "QUARRIES" Battery



Scale of Feet - 350

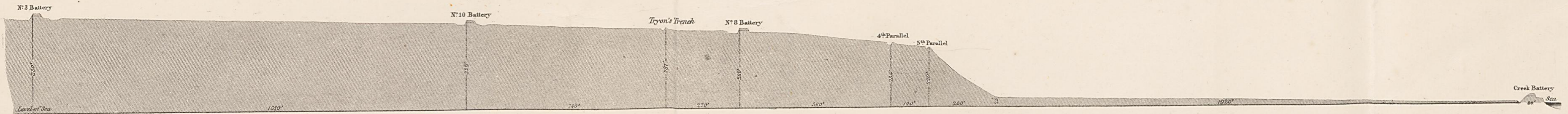
Pai 1464

XII

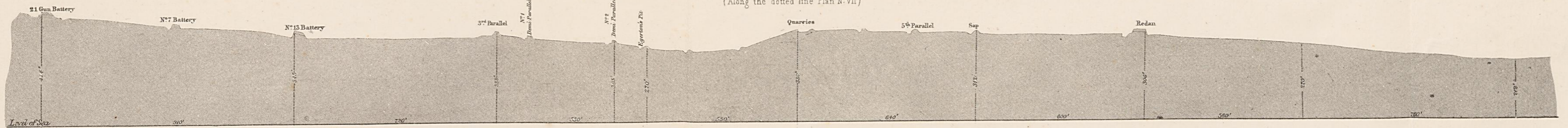


SECTIONS OF THE ATTACKS.

SECTION OF THE GROUND FROM THE FIRST PARALLEL LEFT ATTACK TO THE CREEK BATTERY.
 (Along the dotted line Plan N° VIII)

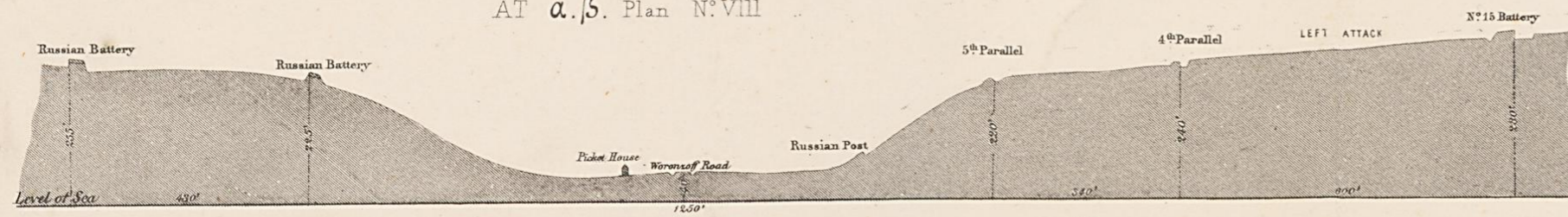


SECTION OF THE GROUND BETWEEN THE 21 GUN BATTERY AND THE REDAN.
 (Along the dotted line Plan N° VII)

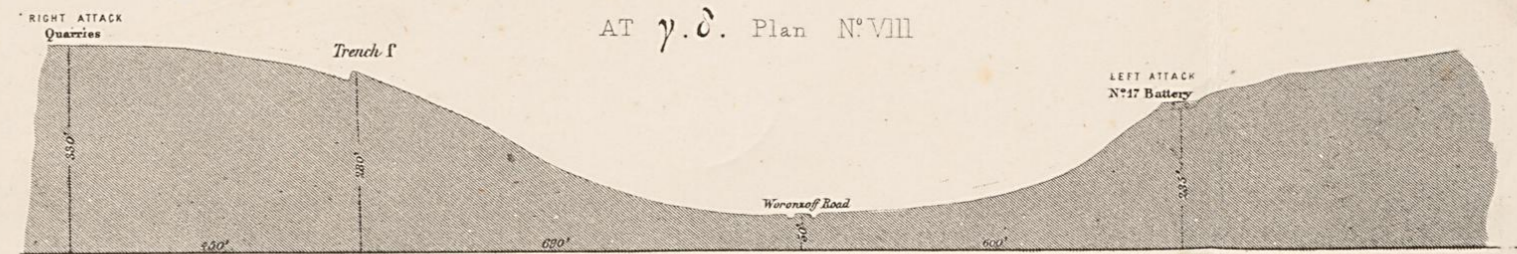


TRANSVERSE SECTIONS OF WORONZOFF RAVINE

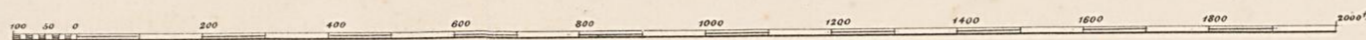
AT a.β. Plan N° VIII



AT γ.δ. Plan N° VIII



Scale of Feet



Par 1464

XIII





SECTIONS ON THE LINES E I, F, G, H, I, K, L.
CRENELLED WALL, BATTERY AND REDOUT.

SECTIONS ON THE LINES A, B, C, D, AND E, F.
LITTLE REDAN.

SECTIONS ON THE LINES C, D, N, B, AND Y, Z.
FLAG STAFF BASTION OR BASTION DU MÊT.

LIST OF ORDNANCE IN POSITION IN THE RUSSIAN LINES AND ADVANCED WORKS
(exclusive of Forts Nicholas and Paul)
COVERING THE SOUTH SIDE OF SEBASTOPOL.

POSITION	12" Guns		64 lbs		42 lbs		24 lbs		18 lbs		12 lbs		6 lbs		Mortars		Total Ordnance								
	On Guns	On Batteries	On Guns	On Batteries	On Guns	On Batteries	On Guns	On Batteries	On Guns	On Batteries	On Guns	On Batteries	On Guns	On Batteries	On Guns	On Batteries	On Guns	On Batteries							
Line of works from Gervais Bay to Gervais Battery including the Little Redan, and Malakoff	7	26		73	61		14	3	79	135	53	12	4	7	19		101	135	42						
Line of works from Gervais Battery to the Creek Battery, including the Redan and Barrack Batteries		13		77	18	8	25	16	42		4	7		5	4	10	5	199	11	19	5				
Line of works from the Creek to the road leading from Balaban into Sebastopol between the Central or Hospital Bastion, and including the Flagstaff Bastion, Garden, and Creek Batteries	1	9		30	31	5	8	2						2	2	7	7	130	11	4	7				
Line of works from the road previously mentioned, to the right flank of the Central Bastion, including Central Bastion	1	4		15	30				19	4	3	2	4	6	12	8	70	23	15	8	12				
Line of works from the right flank of the Central Bastion to the Sea, including Fort Alexander and Quarantine Bastion		28		5	141		40	2	3					2	3	6	219	22	9	6	5				
Quarantine Fort and Batteries between the Fort and the Excelsior		2		2	39				5	4	1						71	5	8						
Town Batteries		2		29		32											65	13							
Overage Blance and Mamelon																	72								
TOTAL	4	77	26	7	341	91	221	93	27	60	5	63	57	66	30	16	11	47	24	23	1023	209	104	23	24

Total of all descriptions of Ordnance 1373.

Par 1464

XIV

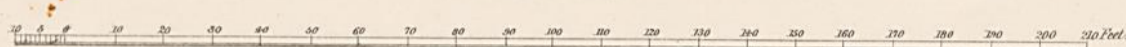


Plan of the
MAMBLON
 OR
KAMTSCHATKA REDOUBT,

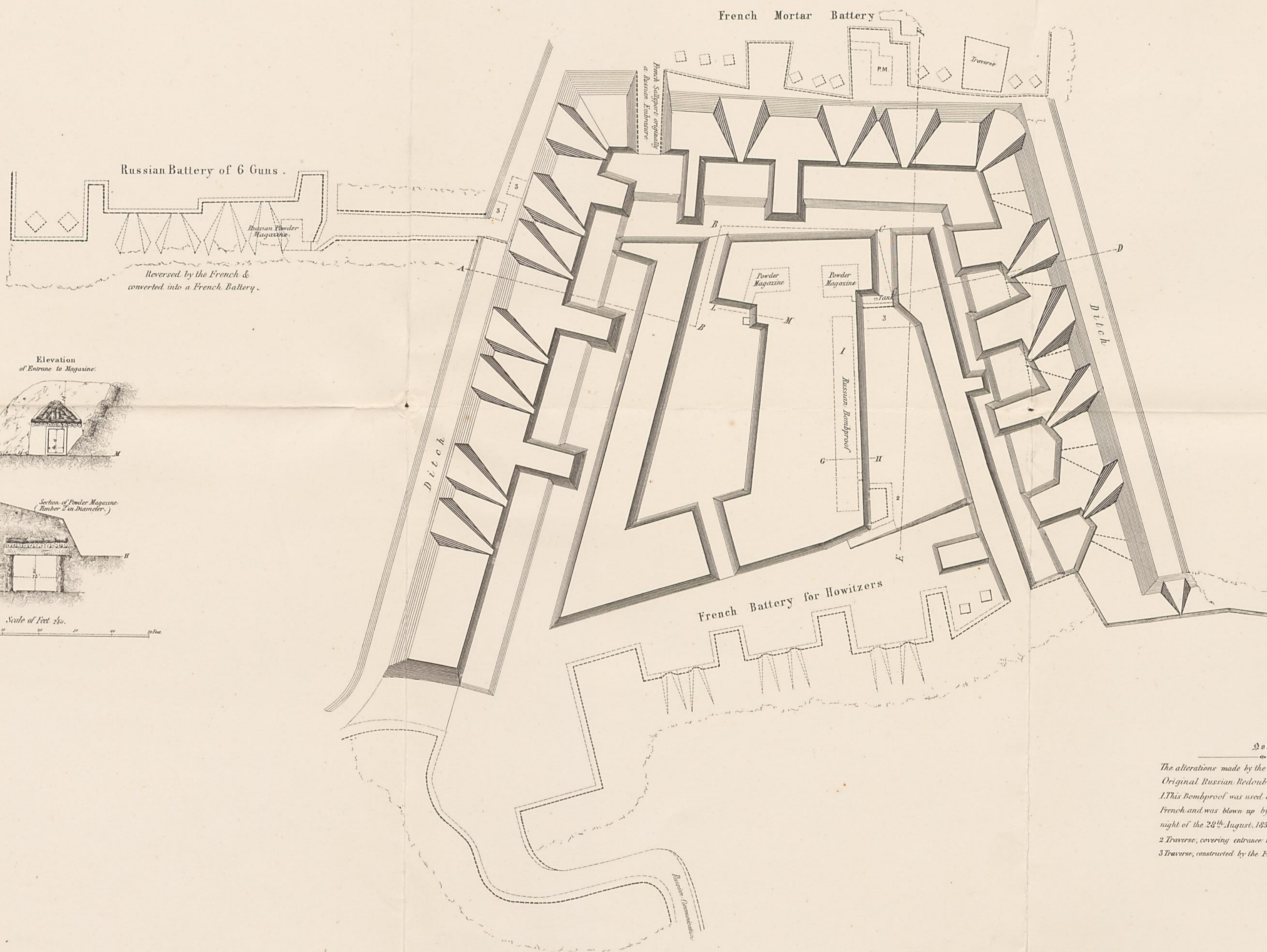
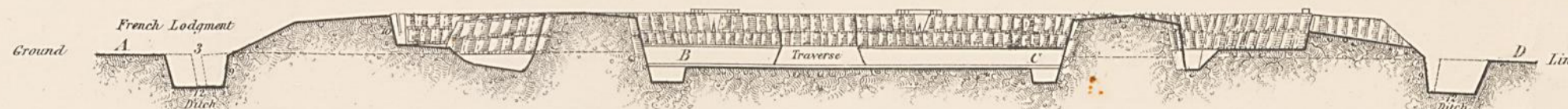
showing the
FRENCH LODGMENTS AND ALTERATIONS,
 made by them in the original Russian Work.

Commenced by the Russians on the night of 10th 11th March, 1855.
 Taken by Assault by the French, on the afternoon of 7th June, 1855.

Scale of Feet. 400.



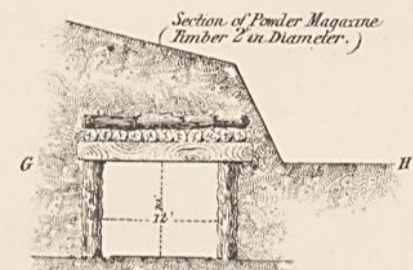
Section on A B C D.



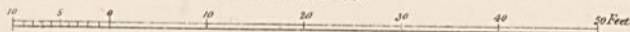
Elevation
 of Entrance to Magazine.



Section of Powder Magazine
 (Timber 24 in Diameter.)



Scale of Feet. 40.



Section on E F.
 Showing alterations effected by the French.



Note.

The alterations made by the French in the Details of the Original Russian Redoubt are shown thus - - - - -
 1. This Bombproof was used as a Powder Magazine by the French and was blown up by the enemy's fire in the night of the 23rd August, 1855.
 2. Traverse, covering entrance to Magazine.
 3. Traverse, constructed by the French.

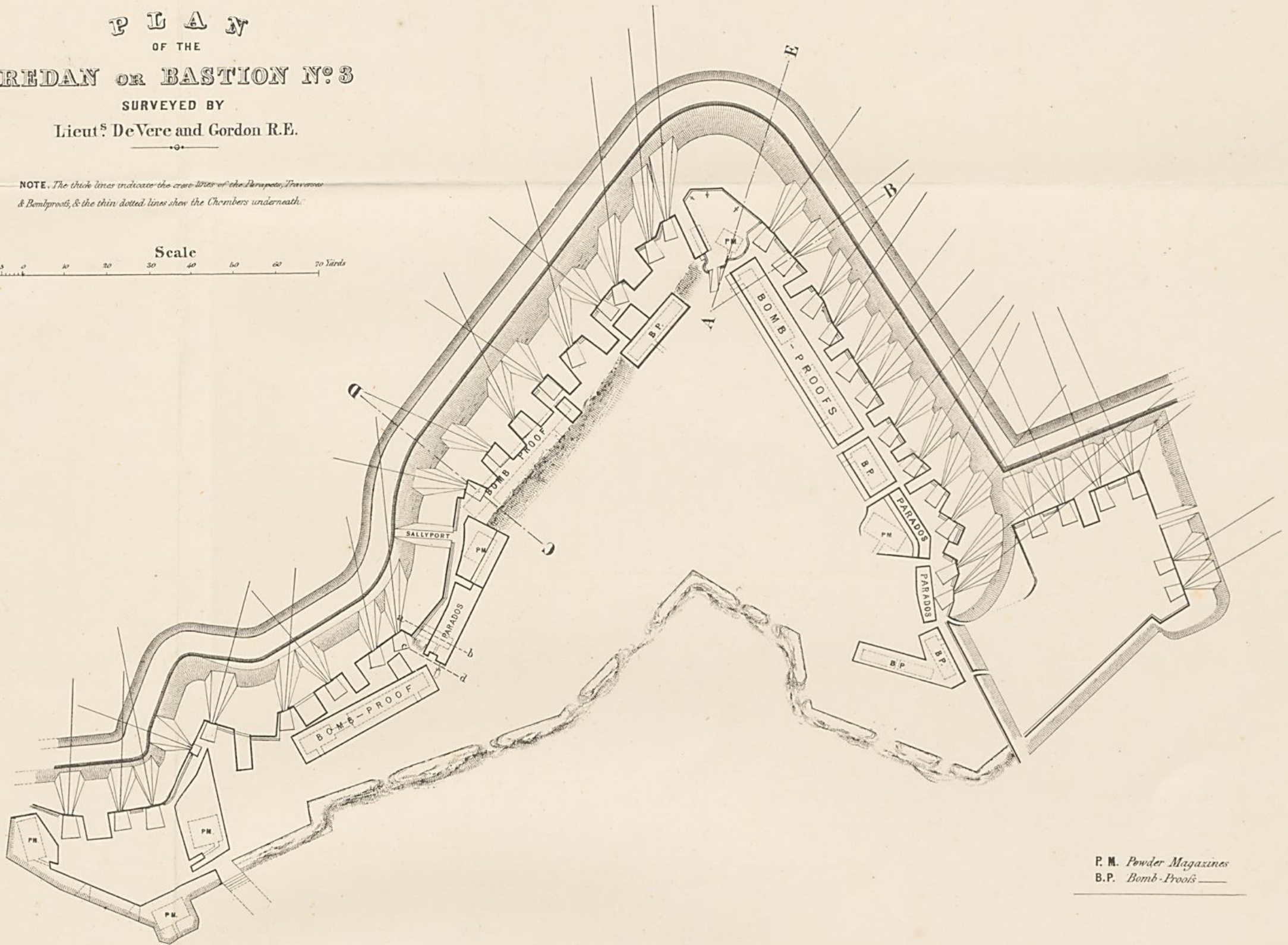
Pa. 1464

XV

PLAN
 OF THE
REDAN OR BASTION N° 3
 SURVEYED BY
 Lieut^s De Vere and Gordon R.E.

NOTE. The thick lines indicate the crests of the parapets, traverses & Bomb-proofs, & the thin dotted lines show the Chambers underneath.

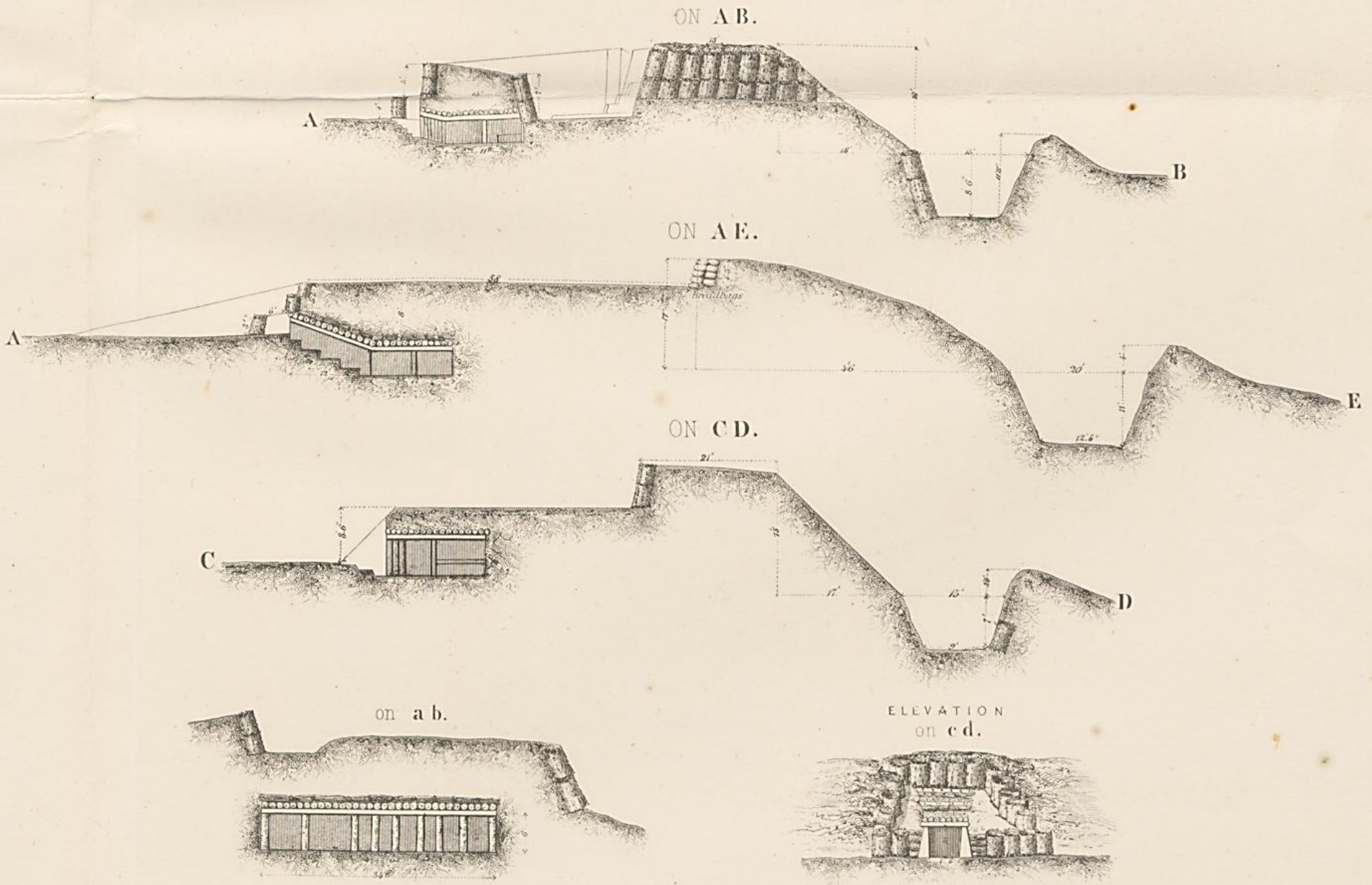
Scale
 0 10 20 30 40 50 60 70 Yards



P.M. Powder Magazines
 B.P. Bomb-Proofs

SECTIONS OF THE REDAN.

Scale 0 10 20 30 40 50 60 70 80 90 Feet



Pal 1464

XVI



THE MALAKOFF OR KORNILEFF BASTION.

(from the French.)



NOTE
a c Galleries of Communication
b d to the main ditch.
 M.M. are Bombproofs & Magazines.

Scale of Yards

Par 1464

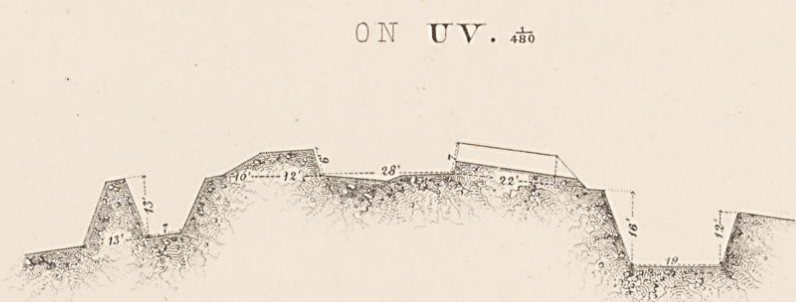
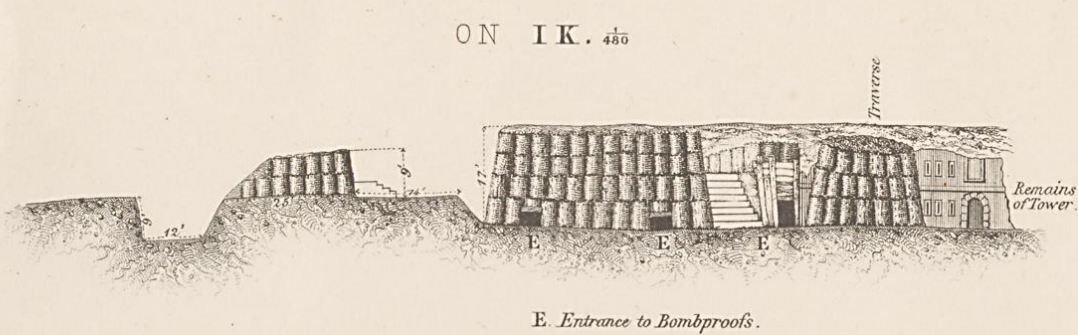
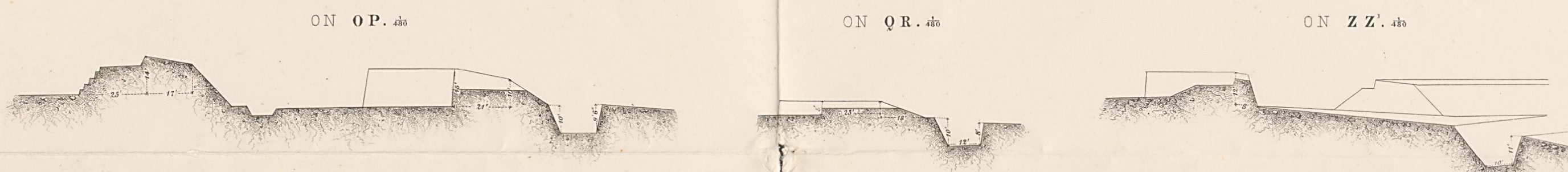
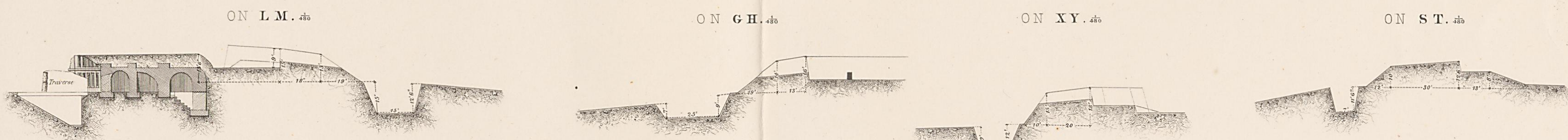
XVI A



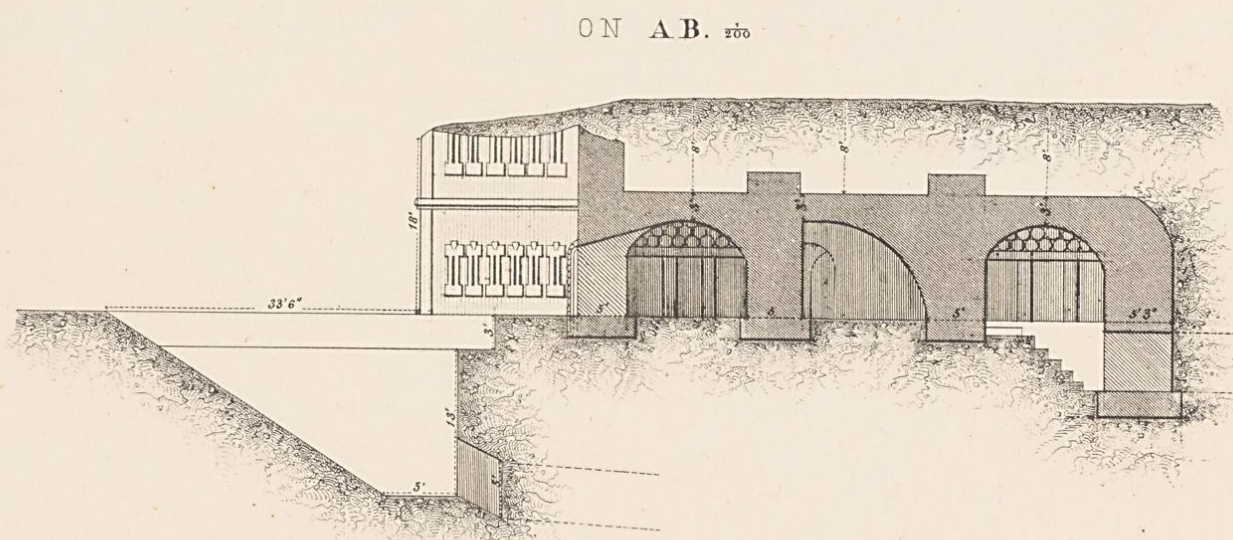
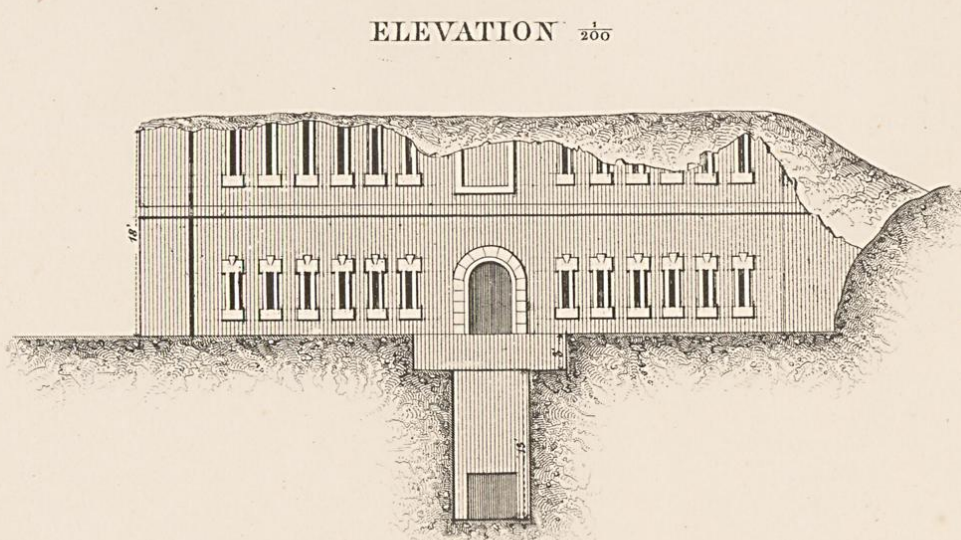
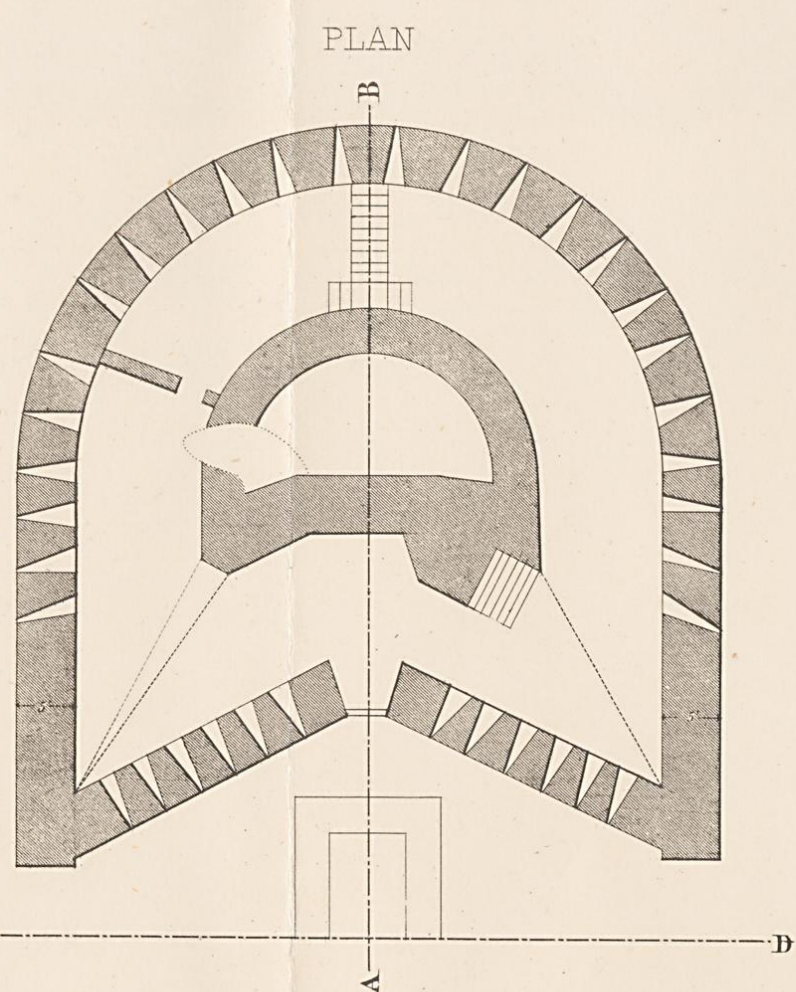
THE MALAKOFF OR KORNILEFF BASTION.

DETAILS AND SECTIONS.

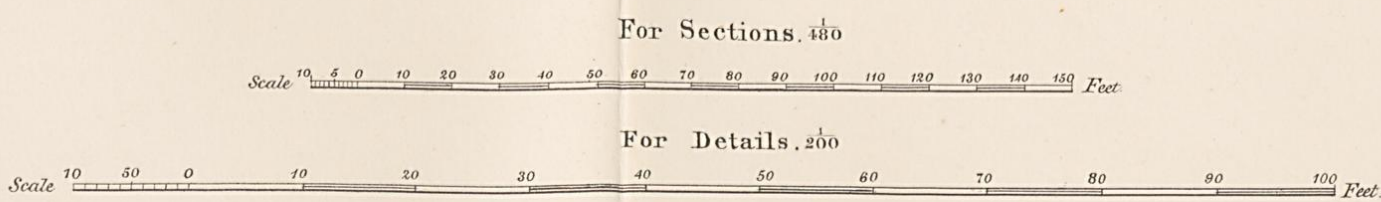
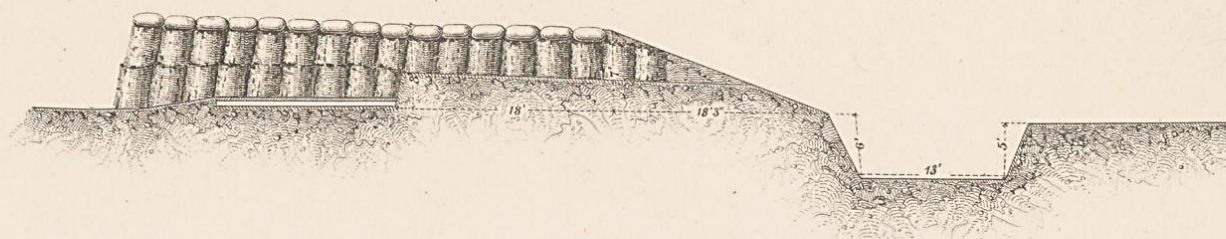
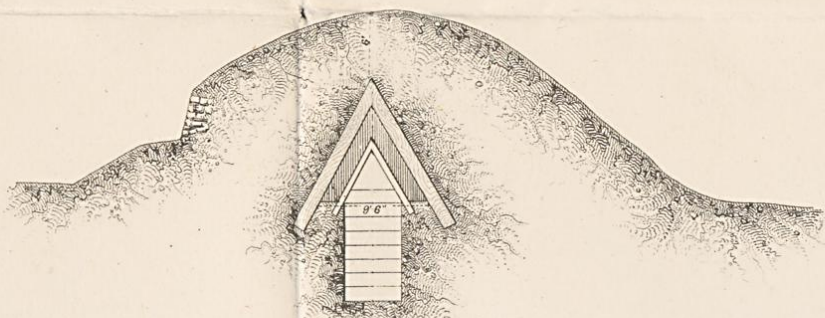
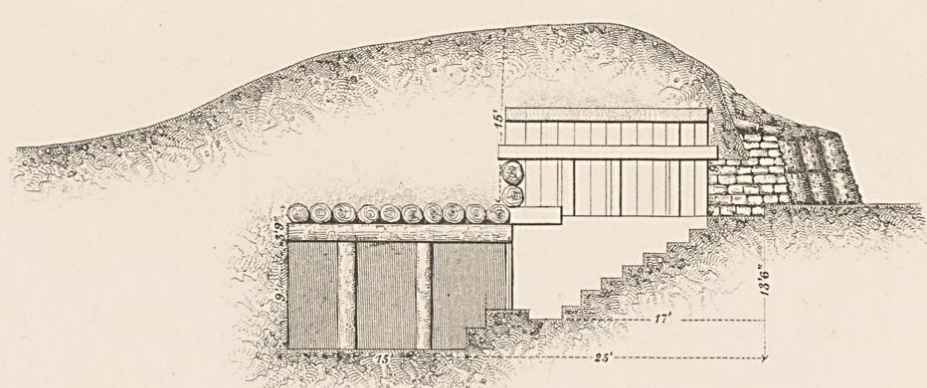
(from the French.)



DETAILS OF THE TOWER



SECTIONS OF A RUSSIAN BOMB-PROOF.



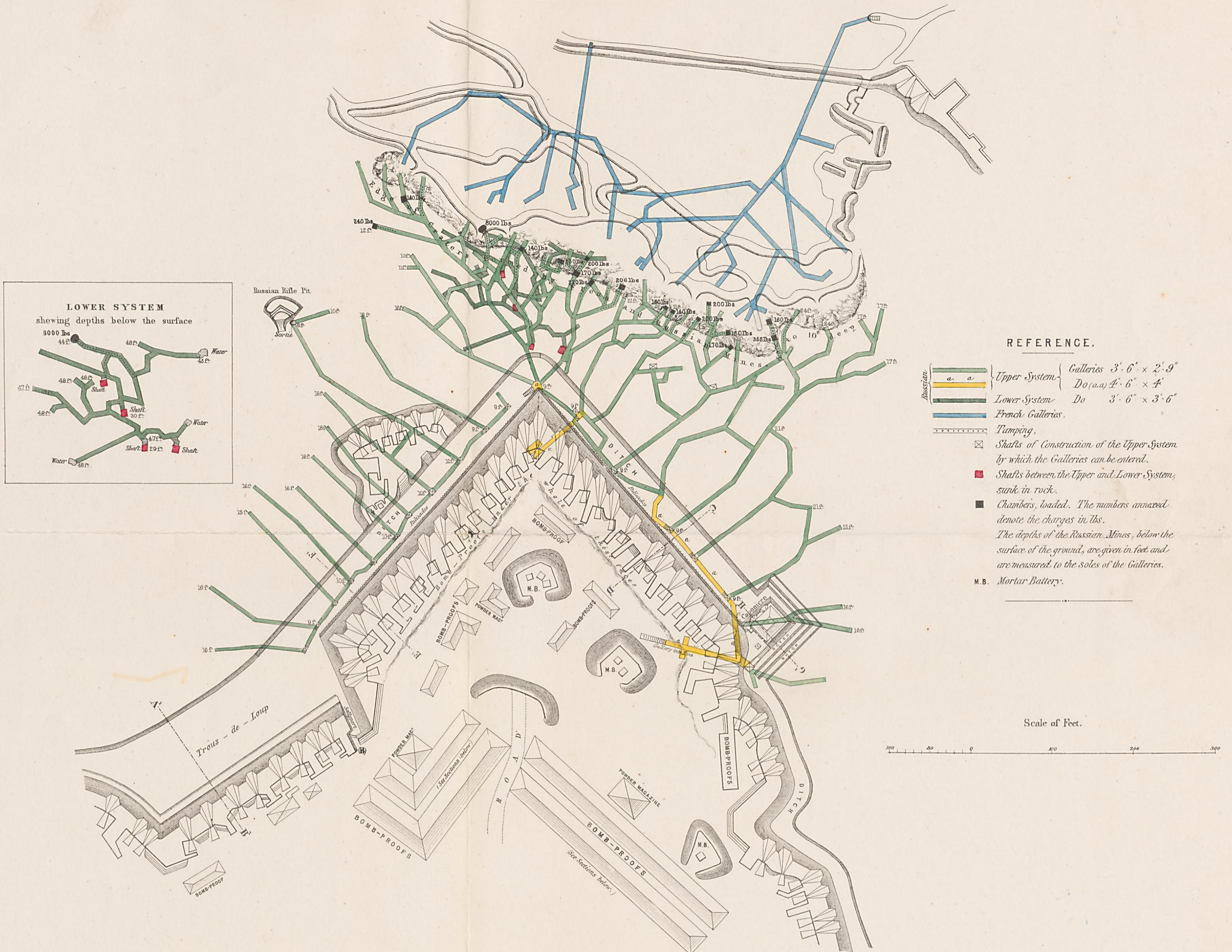
Par 1464

XVII

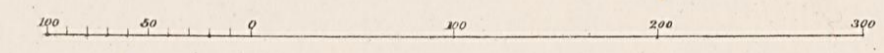


FLAGSTAFF BATTERY OR BASTION N^o 4.

Shewing the System of Mines & Countermines
 Executed by the FRENCH & RUSSIANS during the Siege.



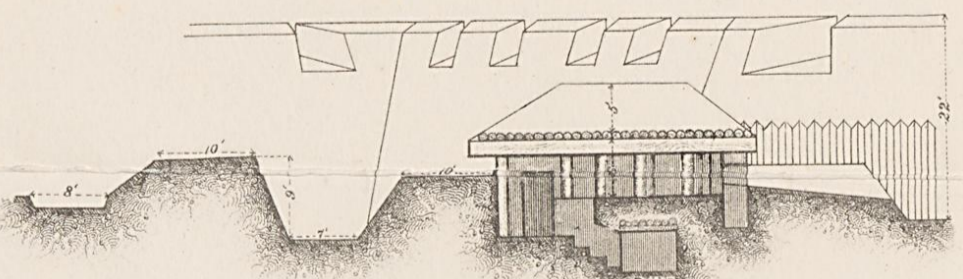
Scale of Feet.



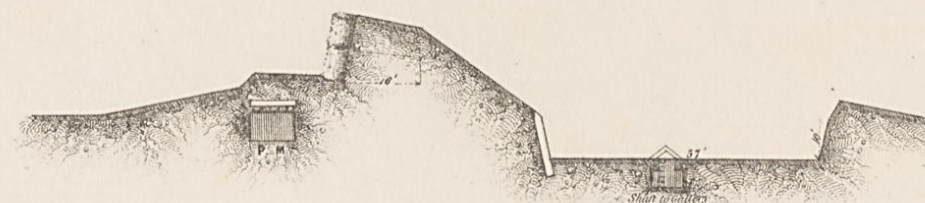
Section on A'B.
 Scale 480



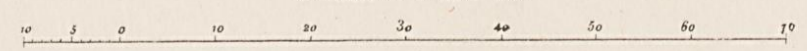
Section on G'H.
 Scale 240



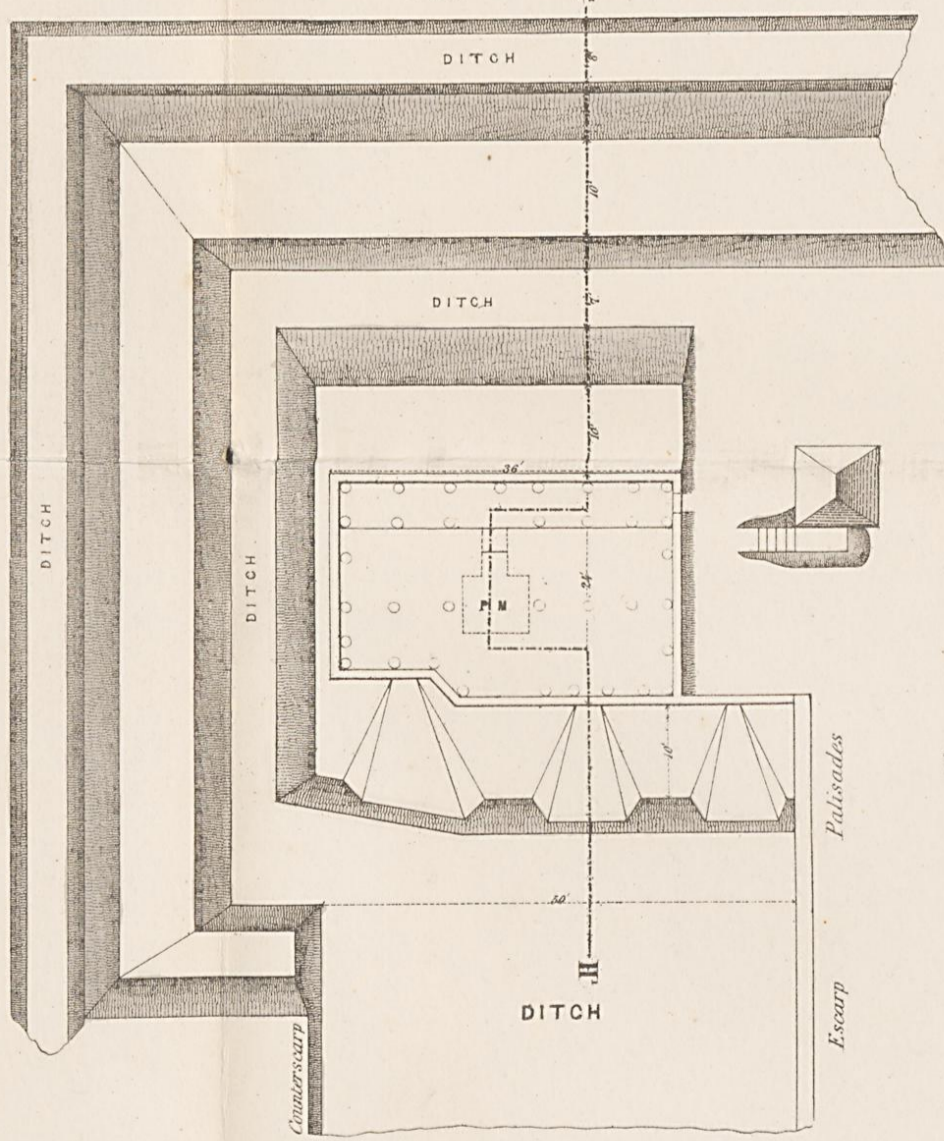
Section on E'F.
 Scale 480



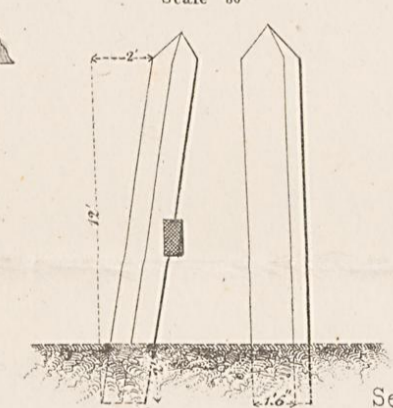
SCALE OF FEET 240



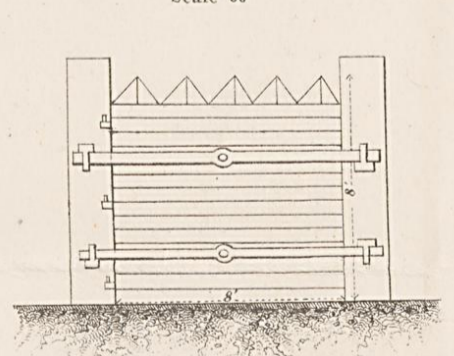
PLAN OF
 CAPONIERE
 Scale 240



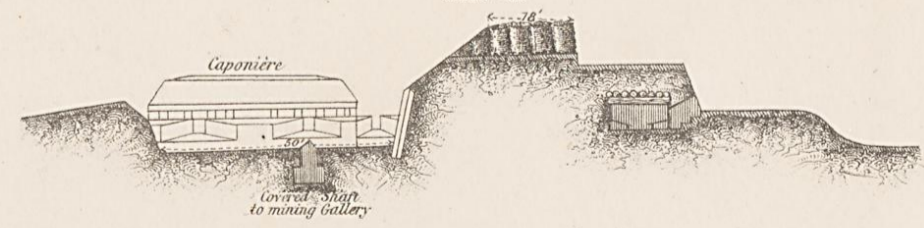
Falshades of Escarp
 Scale 80



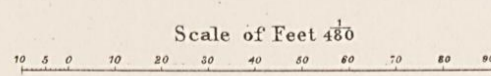
Gate of Sallyport (B)
 Scale 80



Section on C'D.
 Scale 480

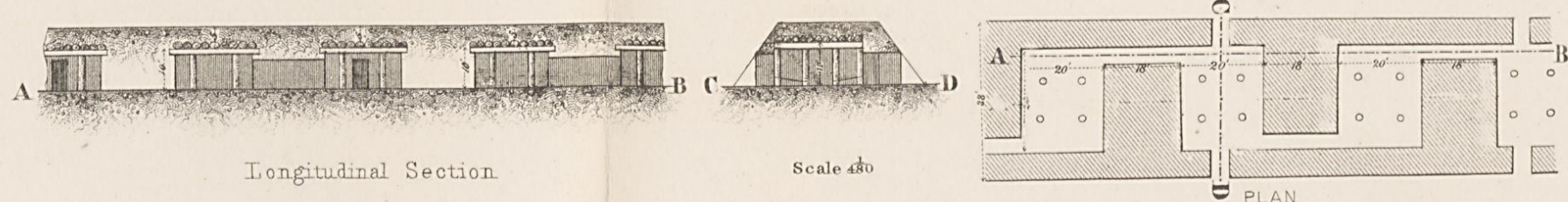


Scale of Feet 80



INTERIOR ELEVATION, SECTION & PLAN OF BOMBPROOFS IN FLAGSTAFF BASTION

Section on C'D.



Longitudinal Section

Scale 480

PLAN

Schubert

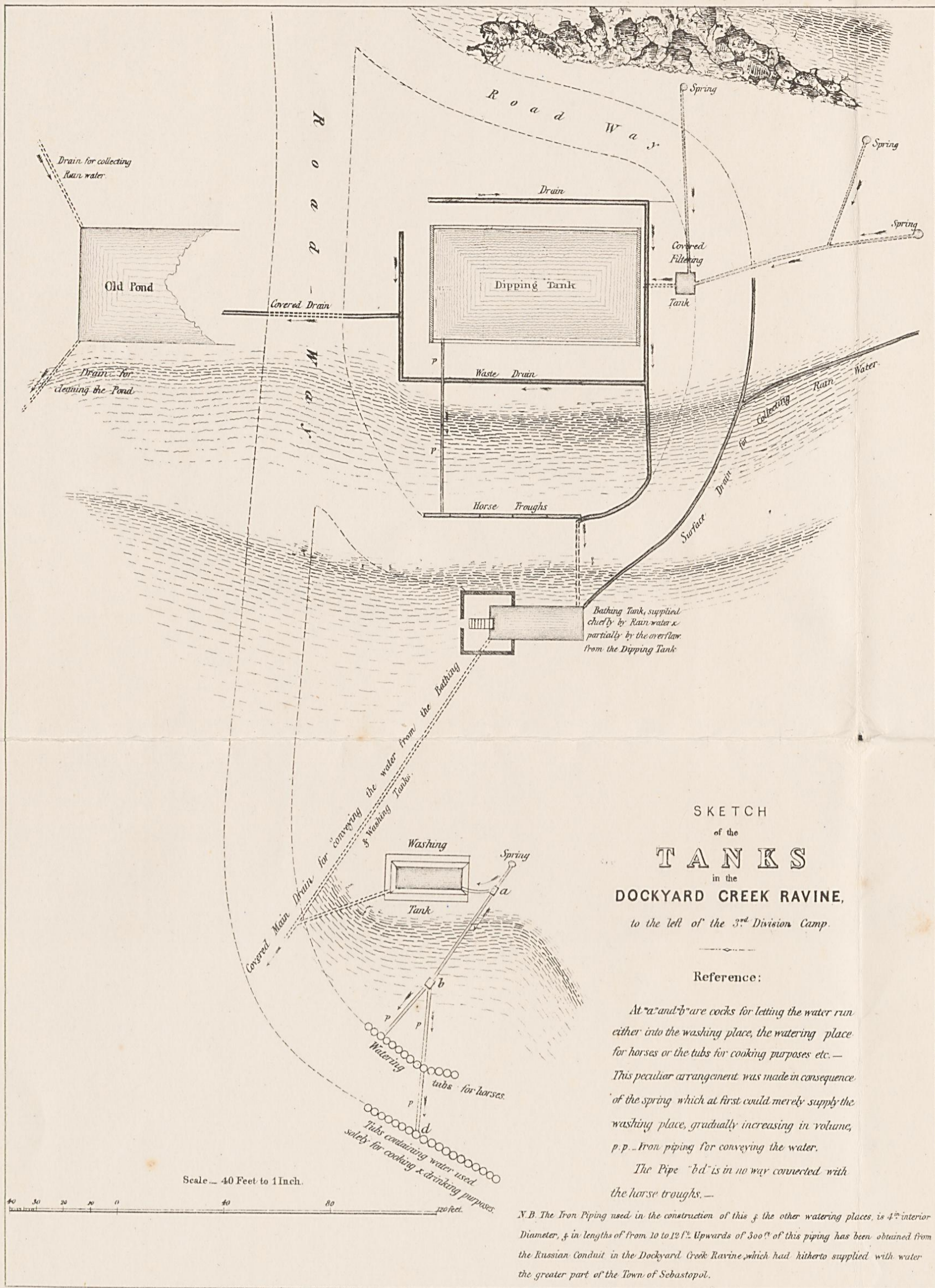


Pa. 1464

XVIII, XIX
XX



(To accompany the Report on the Siege of Sebastopol.)



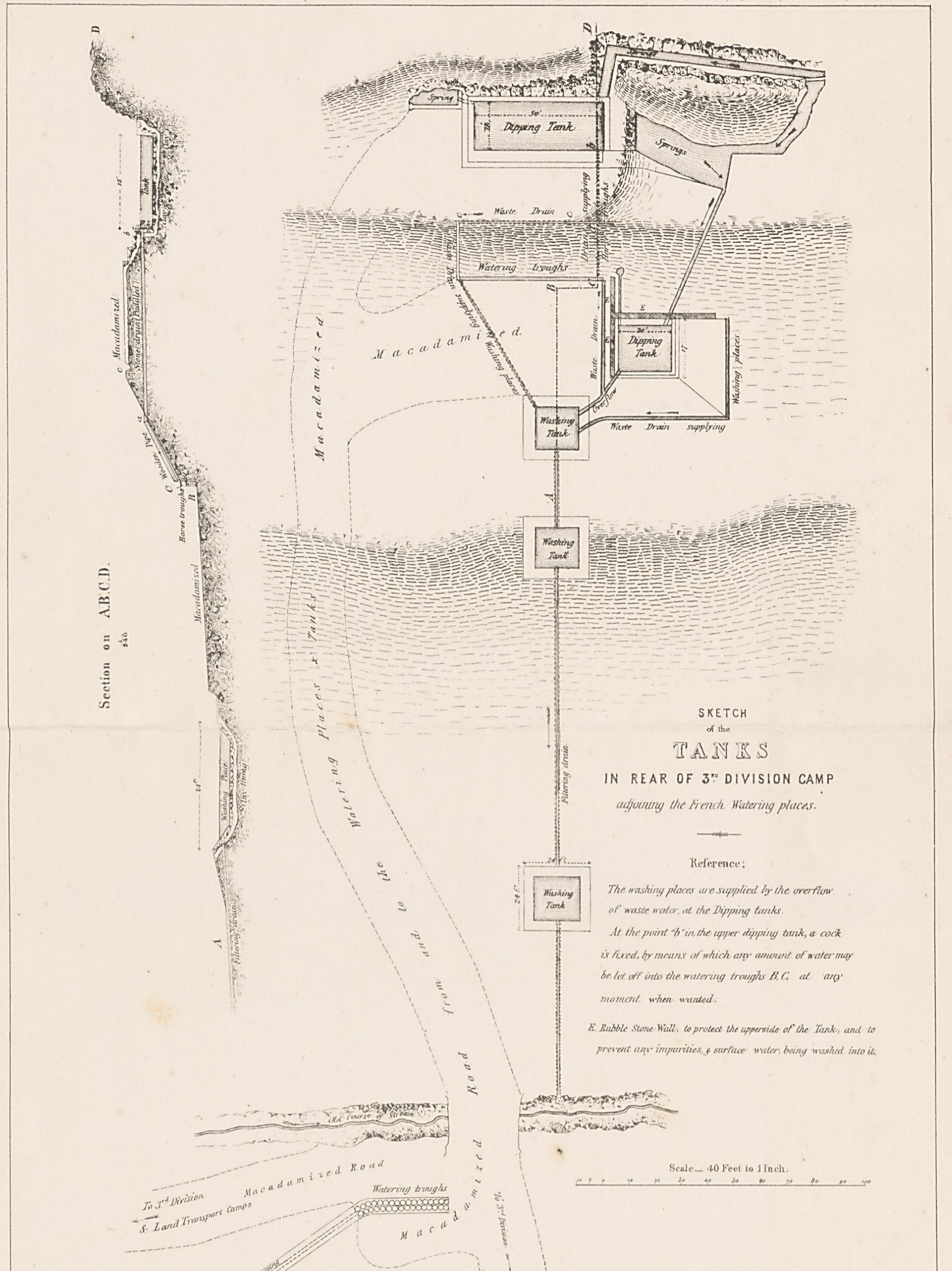
SKETCH
of the
TANKS
in the
DOCKYARD CREEK RAVINE.
to the left of the 3rd Division Camp.

Reference:

At 'a' and 'b' are cocks for letting the water run either into the washing place, the watering place for horses or the tubs for cooking purposes etc. — This peculiar arrangement was made in consequence of the spring which at first could merely supply the washing place, gradually increasing in volume, p.p. iron piping for conveying the water. The Pipe 'ad' is in no way connected with the horse troughs. —

N.B. The Iron Piping used in the construction of this & the other watering places is 4" interior Diameter, & in lengths of from 10 to 15'. Upwards of 300' of this piping has been obtained from the Russian Conduit in the Dockyard Creek Ravine, which had hitherto supplied with water the greater part of the Town of Sebastopol.

(To accompany the Report on the Siege of Sebastopol.)



SKETCH
of the
TANKS
IN REAR OF 3rd DIVISION CAMP
adjoining the French Watering places.

Reference:

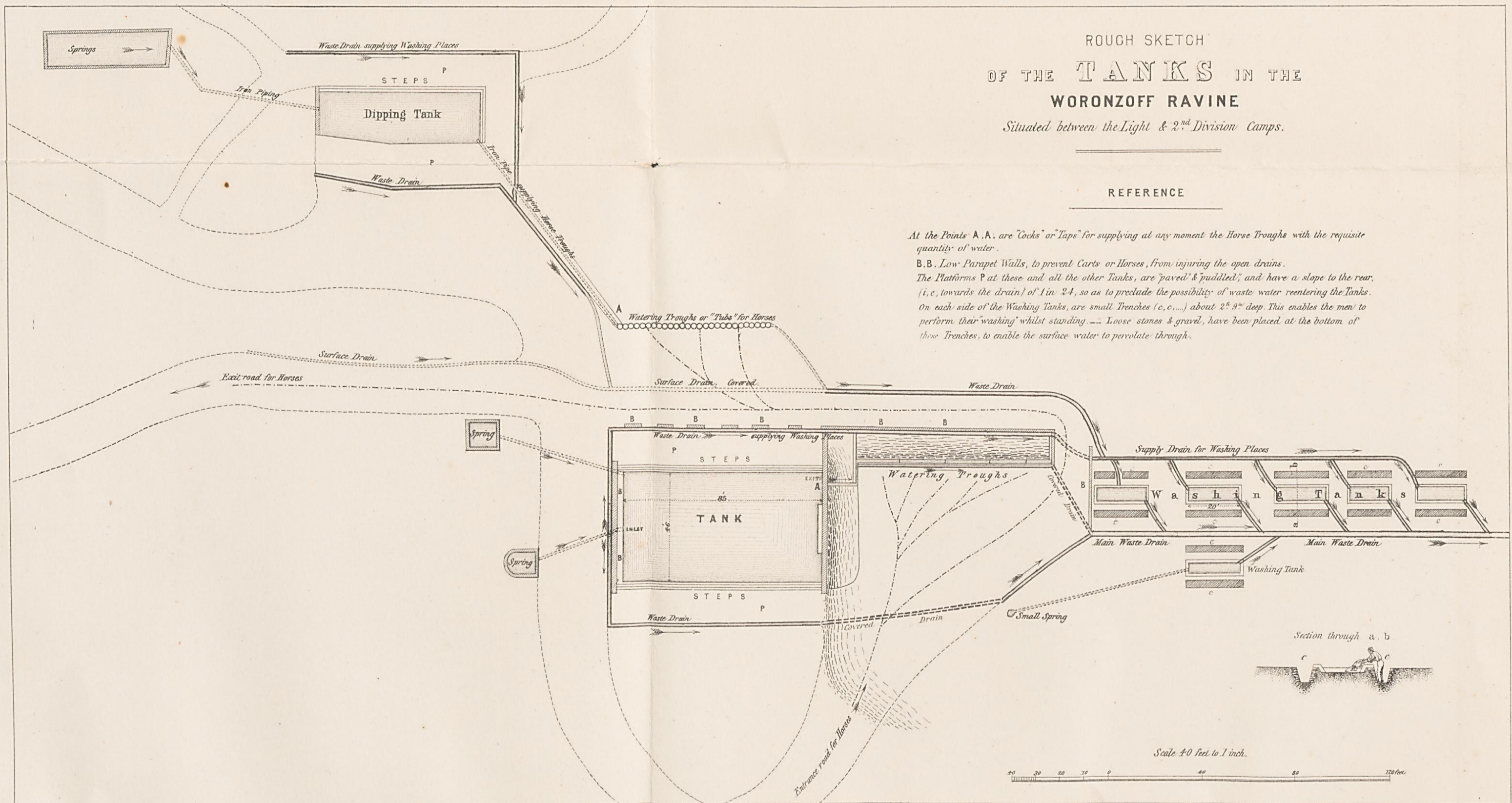
The watering places are supplied by the overflow of waste water, at the Dipping tanks.

At the point 'b' on the upper dipping tank, a cock is fixed, by means of which any amount of water may be let off into the watering troughs B.C. at any moment when wanted.

E. Rubble Stone Walls, to protect the upper side of the Tanks, and to prevent any impurities & surface water being washed into it.

Scale — 40 Feet to 1 Inch.

(To accompany the Report on the Siege of Sebastopol.)



ROUGH SKETCH
OF THE **TANKS** IN THE
WORONZOFF RAVINE
Situated between the Light & 2nd Division Camps.

REFERENCE

At the Points A.A. are 'Cocks' or 'Taps' for supplying at any moment the Horse Troughs with the requisite quantity of water.

B.B. Low Parapet Walls, to prevent Carts or Horses, from injuring the open drains. The Platforms P at these and all the other Tanks, are 'jacked' & 'puddled', and have a slope to the rear (i.e. towards the drains) of 1 in 24, so as to preclude the possibility of waste water rendering the Tanks on each side of the Washing Tanks (c, c...) about 2.8" deep. This enables the men to perform their washing whilst standing — Loose stones & gravel, have been placed at the bottom of these Trenches, to enable the surface water to percolate through.

Scale 40 Feet to 1 Inch.

