

600.714 (San Diego) 11-2-47
 REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS
 (Batteries)

HARBOR DEFENSES OF SAN DIEGO
 * FORT ROSECRANS
 BATTERY ASHBURN (126)
 Caliber 16-INCH

No. of guns 2
 Carriage Barbette

Part I Corrected to 24 November 1944

GENERAL:

Battery commenced: 12 June 1942
 Battery completed: 16 March 1944 (see Remarks)*
 Date of transfer: 19 October 1944
 Cost to that date: \$1,323,912.38
 Materials of construction: Reinforced concrete
 Battery new or modernized: New

Munition elevation in battery: 355.67
 Datum plane: Mean Lower Low Water

UTILITIES:

WATER SUPPLY

Source of: City of San Diego Water Department
 Alternate source: None
 Size of main: 4-inch and 6-inch

SEWER:

Connected to sewer: No
 Type of disposal: Septic tank
 Type of latrine: Syphon-jet

UTILITIES: (Contd.)

ELECTRIC POWER

Sources of: Main generators (in power room)
 Procured & installed by: Ordnance
 Characteristics: Voltage 460 AC 3 Phase 60 cycle
 Number of units and capacity: 3 at 375 KVA; 80% P.F.
 Max. K.W. required for utilities: 18.00
 Max. K.W. required for nonbattle conditions: 20.00
 Commercial power provided: Yes Capacity 12000/480/240
 **Auxiliary power unit provided: No
 Type of lighting fixtures: Direct
 Dehumidifying unit: None installed
 Rooms wet or dry: Dry
 How ventilated: Not ventilated
 How heated: Not heated

DATA TRANSMISSION:

Type: M-5

REMARKS:

* Gun shields not installed - scheduled delivery date:
 15 February 1945
 ** Commercial power is auxiliary source.

ARMAMENT

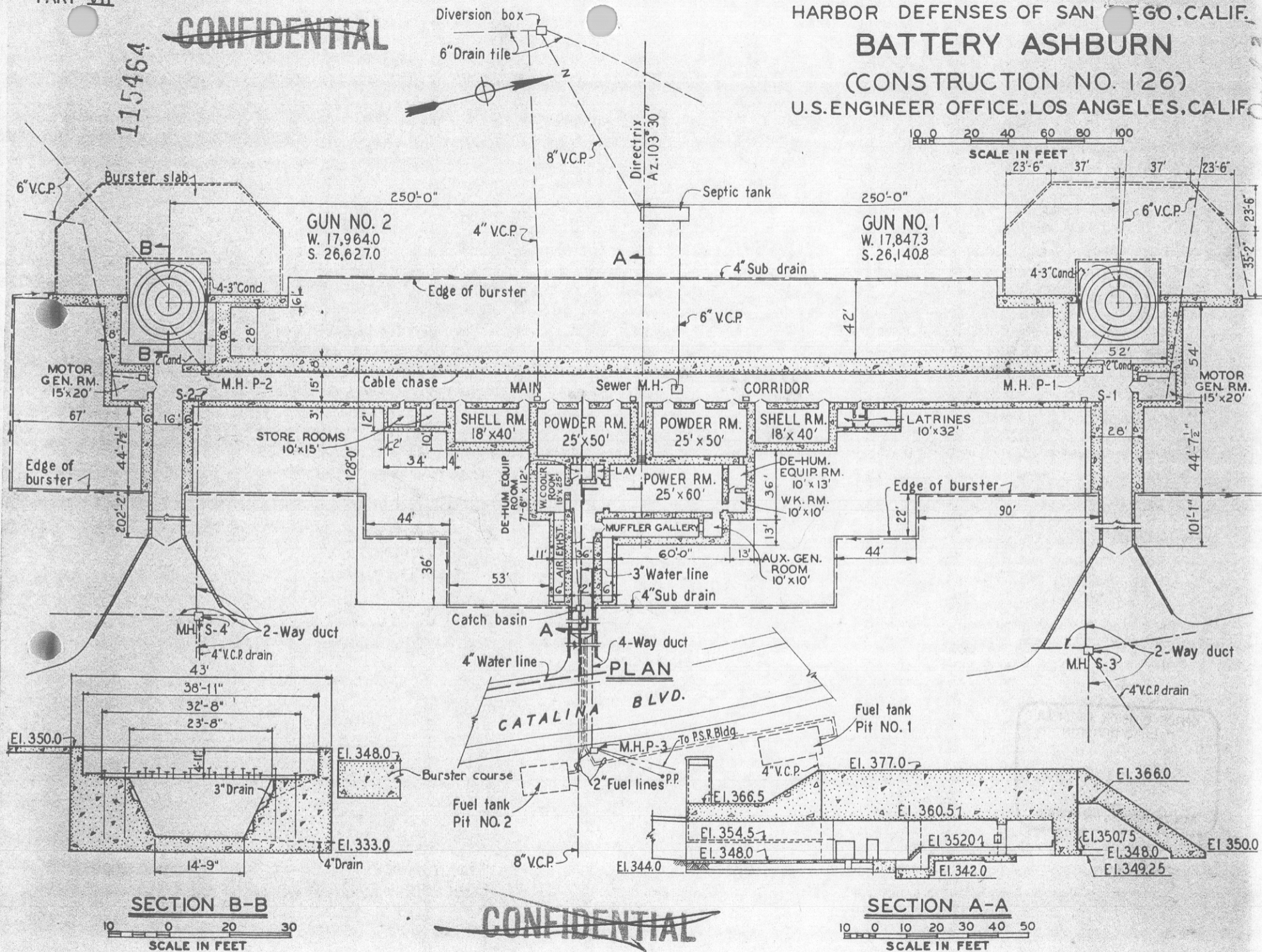
Placement Number	Cal.	Length	Model	Guns		Manufacturer	Mounted	Type	Model	Serial	Carriage		Serial No.	Traversing Motor
				Serial No.							No.	Manufacturer		
1	16"	816"	I	71		Bethlehem Steel	March '44	Barbette	M-4	31		Wellman Engr Co	FX9896	
2	16"	816"	Mark II	97		Watervliet (N. Y.), Arsenal	"	"	M-4	39		Watertown Ars.	HX9731	
			Model I											

* Declared surplus - Disposition Form from Dept dated 10 May 48, file CSCSP/K2 21001
 Subject: H.D. Installations (Declared Surplus) includes Fire Control

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115464

HARBOR DEFENSES OF SAN DIEGO, CALIF.
BATTERY ASHBURN
(CONSTRUCTION NO. 126)
U.S. ENGINEER OFFICE, LOS ANGELES, CALIF.

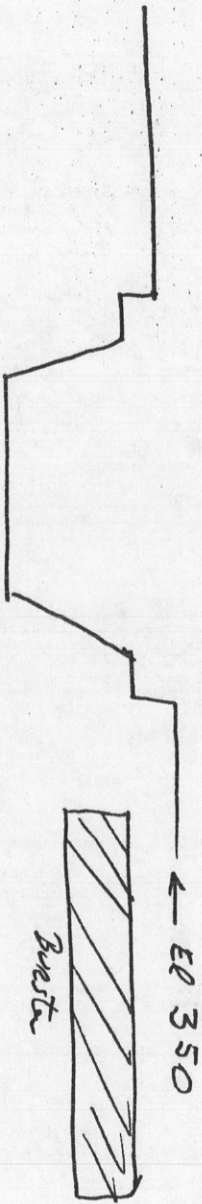


San Diego

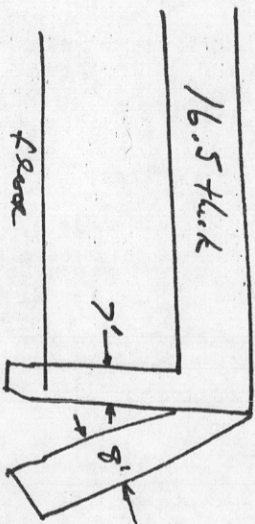
Battery Ashburn Sketcho

Colony
ER 363
Mammals - from 1980
All the way from the end
of the cave

← EL 379.5
← EL 373
← EL 368



Magnetic connection



Per R. K. L. L. L.
B 126, 134
Gull 2 18 grade
Cutter
door
room
Gull 1

See the house
S.D. Tailure
3-7-67
to 16" gun

600.914 (San Diego) 103751

SPEKM-1

REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS

HARBOR DEFENSES OF SAN DIEGO

FORT ROSECRANS

STRUCTURE: P.S.R. (BATTERY ASHBURN)

126

103751

Part II (Modified) Corrected to 11 August 1944

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STRUCTURE:

W 17,575.00

Location (by coordinates) S 25,300.00

Location (site description) Site #9 (East Ft. Rosecrans)

Date of transfer: 16 June 1944

Cost to that date: \$168,141.72

Type of construction

(a) Roof: Reinforced concrete

(b) Remainder of bldg.: Reinforced concrete

w concealed; Earth cover & native growth

How protected: 16' burster roof; 12' walls; 6' floor

Height above concealment: 15' at entrance

Height above protection: 15' at entrance

Conspicuous at 75 yards

UTILITIES:

Electric power

Source of: (1) Main battery generators; (2) Commercial;

(3) Auxiliary generator

Characteristics: Voltage 480 AC 3 phase, 60 cycle

Kilowatts required: 30.0 (includes 6.5 for Ord & Sig Corps)

Type of lighting fixtures: Direct

Heat

How heated: Electric strip heaters (contained in air conditioning unit)

Water sewer

Connected to water mains: Yes (2" line to 4" main)

Connected to sewer: No (Septic tank)

Type latrine: Frost-proof, syphon jet

REFERENCE:

Reference of site: Elevation 318.0 (at entrance)

Datum is Mean Lower Low Water

Origin of local coordinates: U.S.C. & G.S. Station

"OLD TOWN"

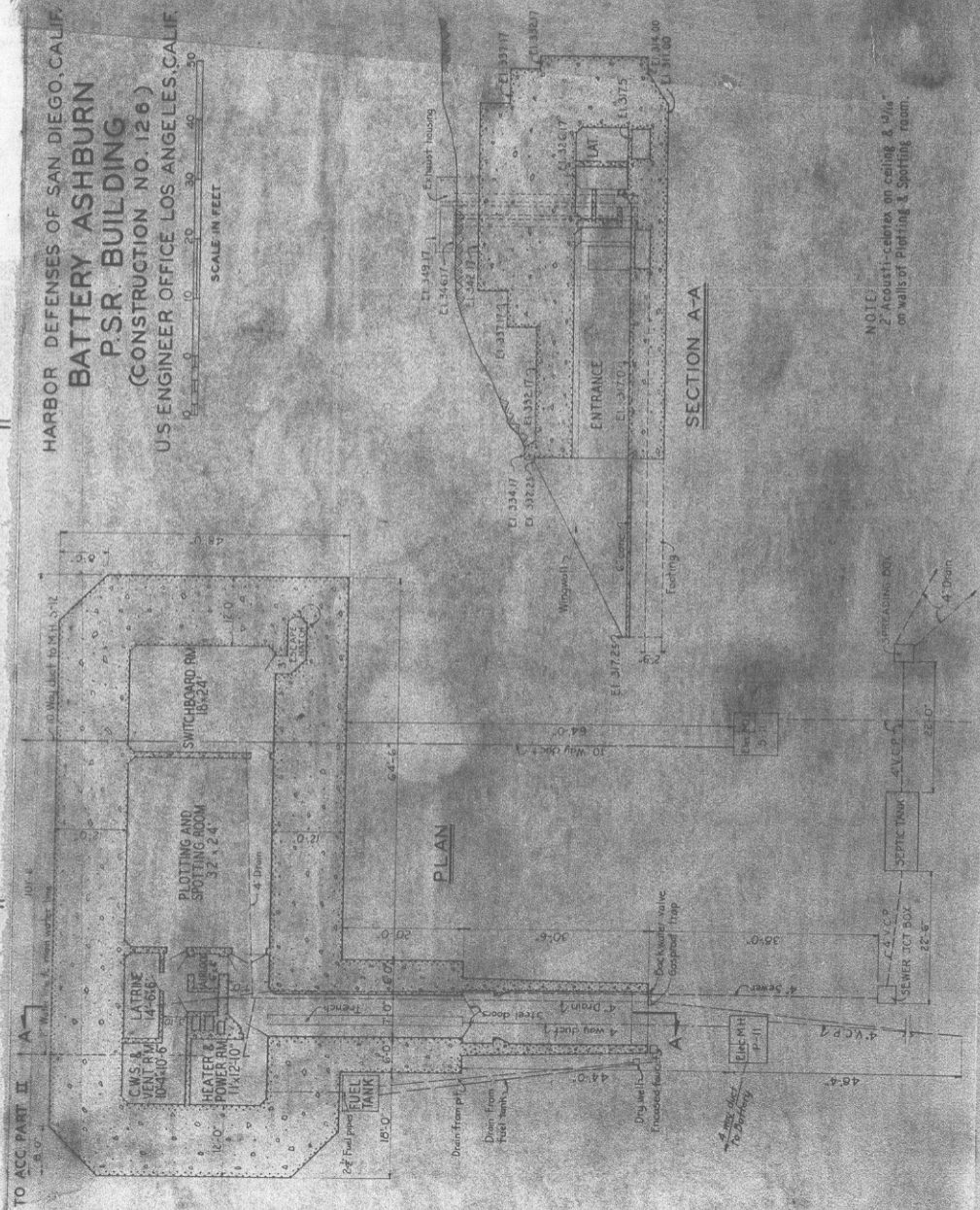
HARBOR DEFENSES OF SAN DIEGO, CALIF.

BATTERY ASHBURN

P.S.R. BUILDING

(CONSTRUCTION NO. 126)

U.S. ENGINEER OFFICE LOS ANGELES, CALIF.



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REPORT COMPLETED WORKS - SEACOAST FORTIFICATIONS
(Electric Plants)

HARBOR DEFENSES OF SAN DIEGO
FORT ROSECRANS
POWER FOR BATTERY ASHBURN
PROCURED & INSTALLED BY ORDNANCE

SPK-1

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Part V Corrected to 24 November 1944

	Serial No.	Type	Size	Mfr	Date of Trans.	Cost	Condition	RPM	Type of Drive	Cooler for Engine	Fuel	Switchboard	
												Material	No. of Panels
Engine No. 1	V.O. 1753	Vertical	CC-6	Worth'g'tn	*	*	Good	450	Direct		Diesel		
No. 2	V.O. 1732	Diesel	"	Pump & Mfg	*	*	"	"	"		Oil		
No. 3	V.O. 1733	"	"	Company	*	*	"	"	"		"		
A.C. Generators													
No. 1	19-S1-8P-244		375KVA	West'g'hse	*	*	"	"	"				
No. 2	20-S1-8P-244		"	"	*	*	"	"	"				
No. 3	12-S1-8P-244		"	"	*	*	"	"	"				
Water Cooler		MODEL											
No. 1	1,055,720	28EC4		Worth'g'tn	*	*	"			No.1			
No. 2	1,111,290	28EC		Pump & Mfg	*	*	"			No.2			
No. 3	1,055,693	2		Company	*	*	"			No.3			
D.C. Motor													
Generators													
No. 1	27-3B2171	SK	7.5 KW	West'g'hse	*	*	"	1750	Belt				
No. 2	36-3B2171	SK	"	"	*	*	"	"	"				
No. 3	45-3B2171	SK	"	"	*	*	"	"	"				
Switchboard	- -	3-phase	7.5'x 12.33'	"	*	*	"					10ga. steel	7
Transformer													
Panel No. 1	3352356	J.R.	3 KVA	"	*	*	"			(Operating -	for generators)		
" No. 2	3371665	J.R.	"	"	*	*	"			"	"	"	"
No. 3	3371654	J.R.	"	"	*	*	"			"	"	"	"
No. 7													
(3 Transfmrs)		STYLE:											
	3299477	6062RS983	10 KVA	"	*	*	"			(Distribution)			
	3248595	"	"	"	*	*	"			"			
	3299478	"	"	"	*	*	"			"			
Auxiliaries	None installed - Commercial power provided												

NOTE: Distribution of KW: See reverse

* Costs & transfer date not available (Ordnance Department installation).

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Incl 2

NOV 1 1944

OFFICE DIVISION ENGINEER
PACIFIC DIVISION

1515

DISTRIBUTION OF K.W.

Gun Motors	2 - 40 HP	59.68 KW
Rammers	2 - 7 1/2 HP	11.19
Traverse	2 - 60 HP	89.52
Elevator		
Air scavenger motors	2 - 40 HP	59.68
Spray pump motors	3 - 1/3 HP	0.75
Jacket pump motors	3 - 5 HP	11.19
Cooler ventilating fan motors	3 - 2 HP	4.48
Air compressor motors	2 - 10 HP	14.92
Electric hoist motors	1 - 1 HP	0.75
Ventilating fan motors	2 - 3 HP	4.48
Fuel pump motors	2 - 1 HP	14.92
C.W.S. equipment motors	1 - 1/2 HP	0.37
Lighting	130 - 100 watt	13.00
Spare		5.00
Switchboard (space heaters)	6 - 250 watt	1.50
"	5 - 100 watt	0.50

Total 291.93 KW

(STANDARD FORMS)

RECORD OF COMPLETED WORK - SUBMITTED TO SUPERVISOR

RECORD OF COMPLETED WORK - SUBMITTED TO SUPERVISOR
 TO BE COMPLETED BY THE WORKER
 DATE OF COMPLETION
 SIGNATURE OF WORKER