

W/660 (San Diego) CM 18561
 REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS
 (Gun and Mortar Batteries)

HARBOR DEFENSES OF SAN DIEGO, CALIFORNIA
 FORT ROSECRANS
 BATTERY STRONG (MAGAZINE AND FIRING PLATFORMS)
 No. of guns: 2 Caliber: 8" Carriage: BARBETTE

Form 1 Corrected to October 28, 1942

GENERAL:	:	:	ELECTRIC CURRENT:	:
Battery commenced	:	February 1937	Sources of	:
Battery completed	:	June 1937		:
Date of transfer	:	October 12, 1942	Max. kw. required for lights	: 3.1
Cost to date of transfer	:	\$100,725.59	Max. kw. required for motors	: .5 (blower in power room)
Materials of construction	:	Reinforced concrete		:
Type of cement	:	Modified Portland		:
WATER & SEWER:	:		Present condition of battery	: Good
Connected to water supply	:	Yes	Rooms wet or dry	: Dry
Connected to sewer	:	No		:
Type of latrine	:	Syphon jet	How ventilated	: Not ventilated
	:	(see remarks)	Type of data transmission	: Telephone
Trunnion elevation in btry.	:	347.83'		:
Datum plane	:	Mean lower low	Remarks-	: In separate structure near magazine
	:	water		: entrance

ARMAMENT

Emplacement or mortar No.	Guns or Mortars					Carriages					
	Cal.	length	model	Serial No.	Manufacturer	Mounted	Type	Model	Serial No.	Manufacturer	Motor
1	8"	369.12"	3A2	193L2	Watervliet Ars.	April 1941	B.C.	M-1	2	Watertown Ars.	None
2	8"	369.12"	3A2	195L2	" "	" "	B.C.	M-1	1	" "	None
3	:	:	:	:	:	:	:	:	:	:	:
4	:	:	:	:	:	:	:	:	:	:	:
5	:	:	:	:	:	:	:	:	:	:	:
6	:	:	:	:	:	:	:	:	:	:	:
7	:	:	:	:	:	:	:	:	:	:	:
8	:	:	:	:	:	:	:	:	:	:	:

HOISTS (NONE)

Emplacement Number	Motor								Remodeled for long points
	Type	Delivery	Serial No.	Maker	H.P.	Volts	RPM	Type of control	
1	:	:	:	:	:	:	:	:	:
2	:	:	:	:	:	:	:	:	:

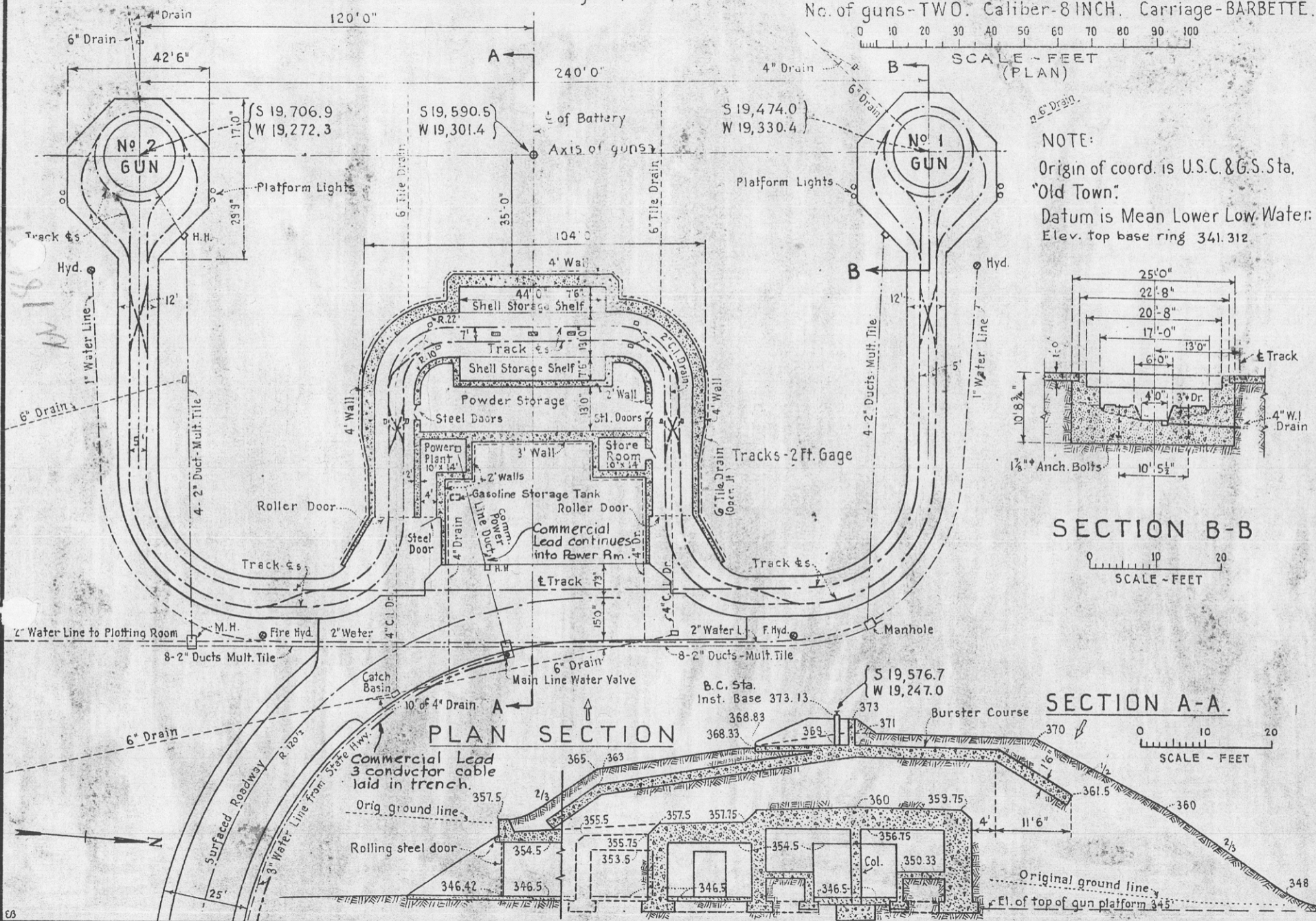
(Ammunition served by hand trucks on narrow gauge trucks)

For Gun Mounting See Proj Card 27

HARBOR DEFENSES OF SAN DIEGO, CALIFORNIA
FORT ROSECRANS
BATTERY STRONG

Corrected to July 21, 1942

No. of guns-TWO. Caliber-8 INCH. Carriage-BARBETTE.



REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATION
(Electric Plants)

22193

HARBOR DEFENSES OF SAN DIEGO
FORT ROSECRANS
POWER FOR BATTERY STRONG

Form 5 Corrected to November 20, 1942

	Serial	Type	Size	Mfr.	Date of transfer	Cost	Con- dition	RPM	Drive	Type of engine	Radia- tor for engine	Fuel	Switch- board	Mate- rial	No. of panels
Boiler No. 1	None														
No. 2	"														
No. 3	"														
Generator No. 1	None														
No. 2	"														
No. 3	"														
Generator No. 1	None														
No. 2	"														
No. 3	"														
Radiator No. 1	None														
No. 2	"														
No. 3	"														
Motor-generator No. 1	15937	D.C.5012R	5 k.w.	Fairbanks-Morse	10/12/42	706.50	Good	1800	Direct	305518	Gasoline	steel		1	
No. 2	16938	D.C.5012R	5 k.w.	Fairbanks-Morse	"	"	"	"	"	307797	"	"		1	
No. 3															
Switchboard	-	-	A-5'9"x8'-0: B-5'9"x2'-3:	-	"	*	"	-	-	-	-	-	-	-	2
Storage Battery	-	2-6 volt	6 volt	Willard	"	*	"	-	-	-	-	-	-	-	-
Transformer** No. 1	2,965,210	S-1075363	5 kva	Westinghouse	"	-	"	-	-	-	-	-	-	-	-
No. 2			12000/120-240												
No. 3	-														
Auxiliaries	None														
No. 1															
No. 2															
No. 3															

* - \$553.41, cost includes switchboard & miscellaneous electrical supplies.

** - For commercial power into Battery.

ON-660(SAN DIEGO)
CM 17

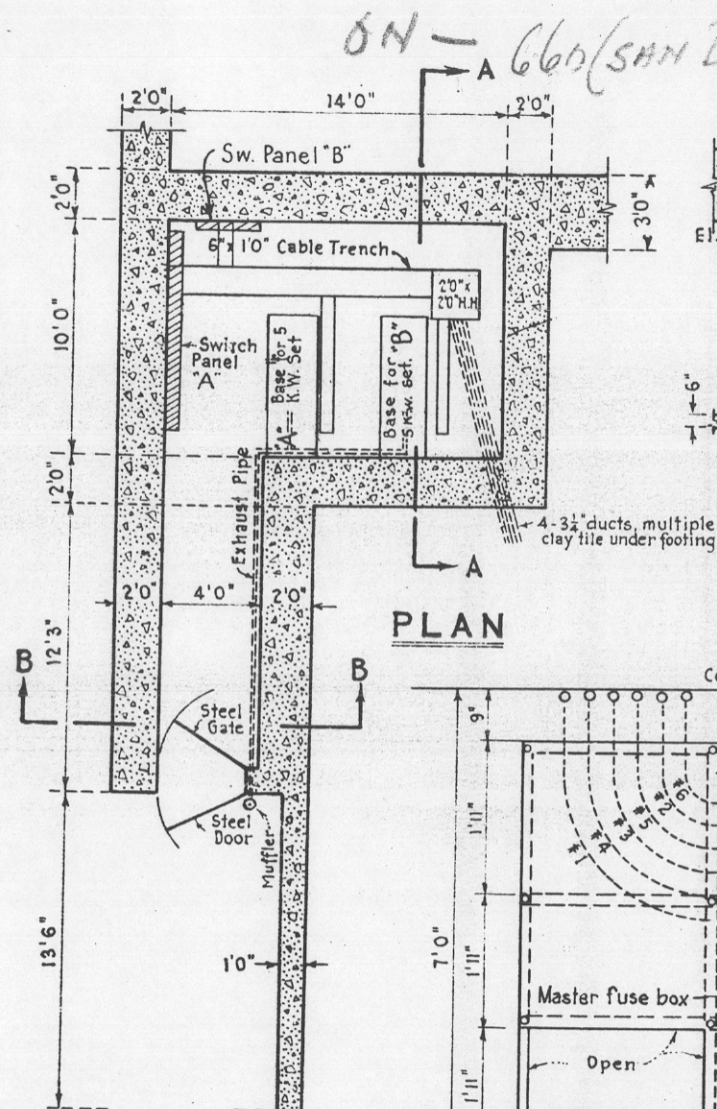
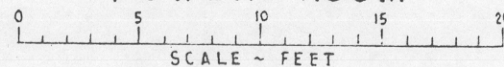
DISTRIBUTION OF KW.

2.0 kw - Combined: First Aid, latrine, rest room & radio room.

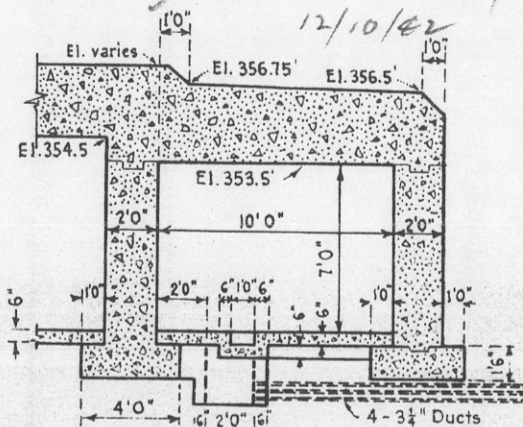
3.6 kw - Magazine, including gun blocks. 2.0 kw - Plotting room.

HARBOR DEFENSES OF SAN DIEGO, CALIFORNIA
FORT ROSECRANS ~ BTTY. STRONG
POWER ROOM

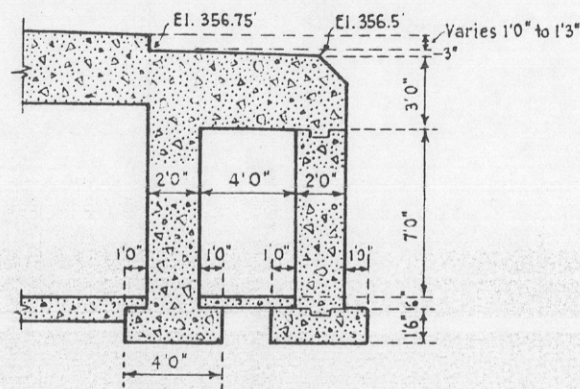
Corrected to Oct. 28, 1942



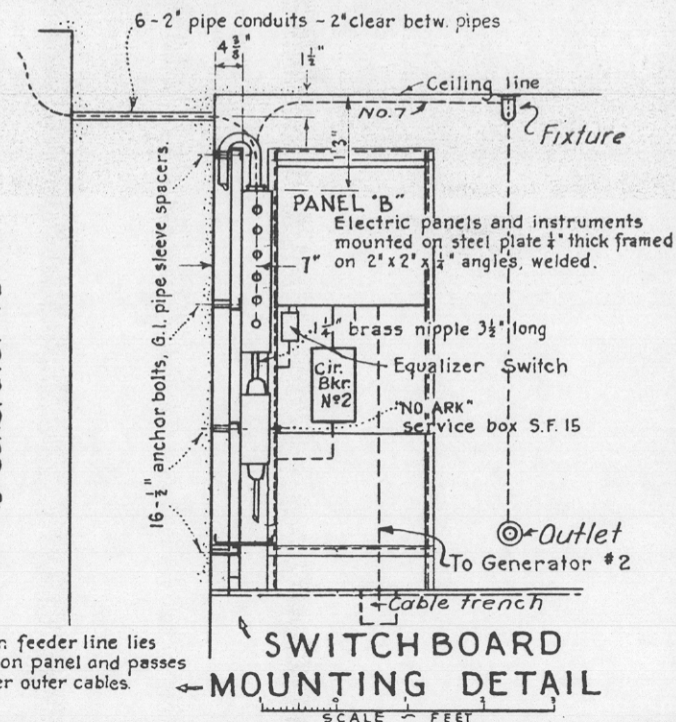
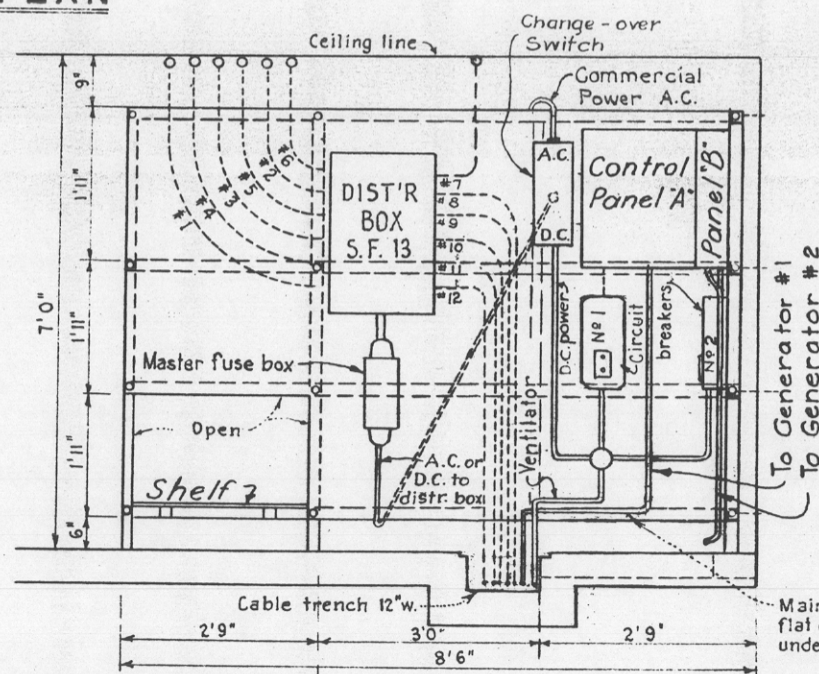
PLAN



SECTION A-A



SECTION B-B



SWITCHBOARD
-MOUNTING DETAIL

Note:
One outside lead closed for
future 220 volts.
Comm. power - 3 conductor
#2 cable - lead covered, in
duct line from outside manhole.

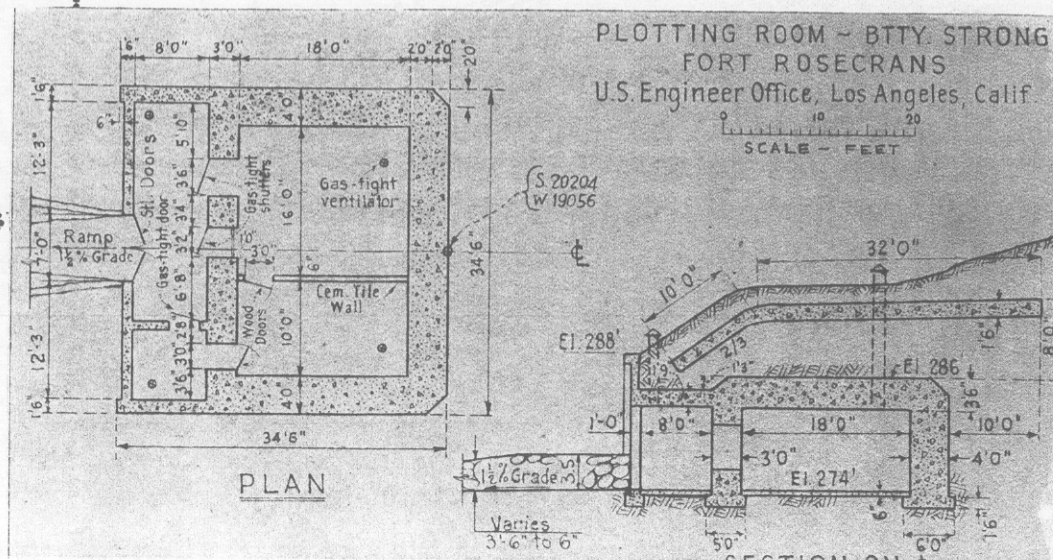
w/ 660 (San Diego) CM 18582
 REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS
 (Fire control or torpedo structures)

Form 2.

Corrected to October 27, 1942.

HARBOR DEFENSES OF SAN DIEGO, CALIFORNIA
 FORT ROSECRANS - BATTERY STRONG
 STRUCTURE: PLOTTING ROOM

STRUCTURE:	:	:	INSTRUMENTS AND EQUIPMENT:	:
Location	:	Approximately 540' S 24° E.	Type of observing instruments:	None
Date of transfer	:	No. 2 Gun - Btry. Strong	Type of plotting board	M-3
Cost to that date	:	October 12, 1942	DATA TRANSMISSION:	:
Type of construction	:	\$19,145.63	Type of	Telephone: Installed by
(a) Roof	:	Reinforced concrete	Date of transfer	Signal Corps
(b) Remainder of building	:	Reinforced concrete	Cost of data transmission	Not transferred (Signal
How concealed	:	Earth cover with native	equipment	Corps)
	:	growth - camouflage		Cost unknown (Signal Corps
	:	netting over entrance		equipment)
How protected	:	Burster slab and earth,	REMARKS:	Origin of U.S.E.D. local
	:	with splinterproof door		coordinates is U.S.C. &
Height above concealment	:	14 feet		G.S. station "Old Town"
Height above protection	:	14 feet		Elevations are referred to
Conspicuous at 200 yards	:			mean lower low water.
ELECTRIC CURRENT:	:			
Source of	:	Commercial and 2 stand-by		
	:	gen. in magazine of Btry.		
Kilowatts required	:	2.0		
Type of lighting fixtures	:	2 - SF1; 6 - SFO		
HEAT:	:			
How heated	:	Not heated		
WATER & SEWER:	:			
Connected to water mains	:	No		
Connected to sewer	:	No		
Type of latrine	:	None		
Permanent or temporary inst'n	:	Permanent		
Present condition	:	Good		
REFERENCE:	:			
Reference of site	:	S 20,204; W 19,056 (ctr.		
	:	line - rear wall)		
Reference of instrument axis	:	None		
Type and capacity of crane	:	None		
Maximum dim. of reel handled	:	None		



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REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS

HARBOR DEFENSES OF SAN DIEGO
FORT ROSECRANS
STRUCTURE LATRINE & STORAGE BUILDING
(BATTERY STRONG)

CORRECTED TO 8 February 1944

STRUCTURE:

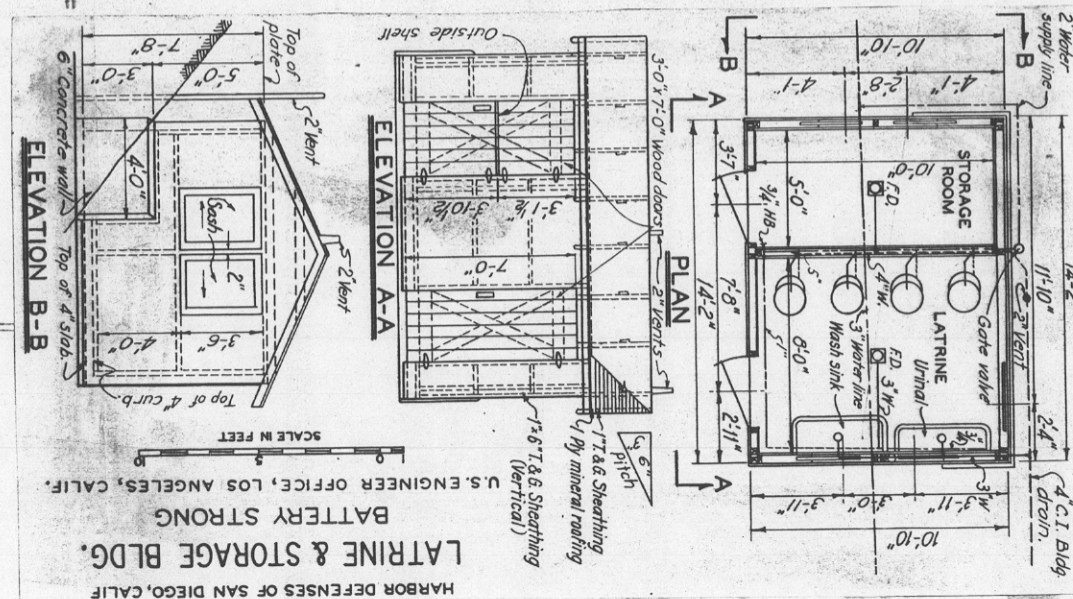
Location: 50 ft. east of entrances (Battery Strong Magazine)
 Date of transfer: 1 February 1943
 Cost to that date: \$1,342.00
 Type: Cottage
 Type of construction:
 (a) Roof: 1-ply mineral roofing over 1-inch T. & G. sheathing
 (b) Remainder of bldg.: 1-inch T. & G. sheathing; concrete floor
 How concealed: Tone-down paint
 How protected: Not protected
 Height above concealment: - - -
 Height above ground: 10 ft.
 Conspicuous at 100 yards

UTILITIES:

Electric power: None required
 Source of: - - -
 Kilowatts required: None
 Type of lighting fixtures: None
 Heat
 1. heated: Not heated
 Water sewer
 Connected to water mains: Yes (2-inch supply)
 Connected to sewer: Yes (6-inch tile to septic tank)
 Type latrine: Syphon-jet

REFERENCE:

Reference of site: Mean Lower Low Water



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Proj Card #9

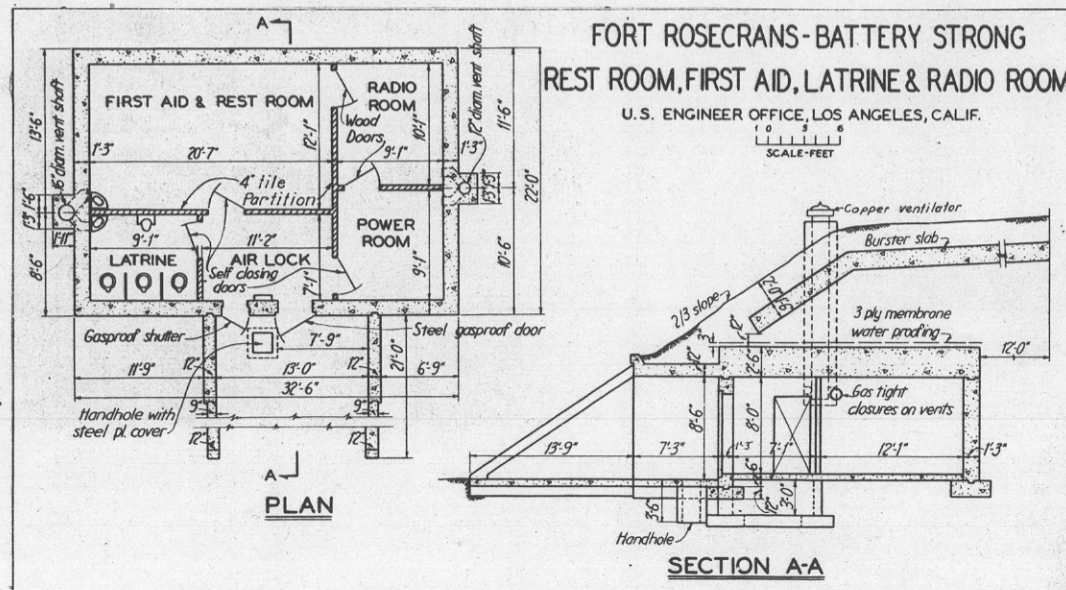
W/660/San Diego FM 18583

REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS
(Fire control or torpedo structures)

HARBOR DEFENSES OF SAN DIEGO, CALIFORNIA
FORT ROSECRANS - BATTERY STRONG
STRUCTURE: REST ROOM, FIRST AID, LATRINE, AND
RADIO ROOM (COMBINED)

Form 2. Corrected to October 27, 1942.

STRUCTURE:	:	:	INSTRUMENTS AND EQUIPMENT:	:
Location	:	Approximately 340' S 36° E.	Type of observing instruments	: None
	:	of No. 2 Gun -	Type of plotting board	: None
	:	Battery Strong		:
Date of transfer	:	October 12, 1942	DATA TRANSMISSION:	:
Cost to that date	:	\$18,498.06	Type of	: Telephone
Type of construction	:			:
(a) Roof	:	Reinforced concrete	Date of transfer	: Not transferred (Signal
(b) Remainder of building	:	Reinforced concrete		: Corps installation)
How concealed	:	Earth cover with native	Cost of data transmission	: Cost unknown (Signal
	:	growth - camouflaged	equipment	: Corps installation)
	:	netting over entrance	REMARKS:	:
How protected	:	Earth cover and burster		:
	:	course splinterproofing		: Origin of U.S.E.D. local
	:	on windows and doors		: coordinates is U.S.C. &
Height above concealment	:	10' 3"		: G.S. station "Old Town"
Height above protection	:	10' 3"		: Elevations are referred to
Conspicuous at 200 yards	:			: mean lower low water.
ELECTRIC CURRENT:	:			:
Source of	:	Commercial and 2 stand-by		:
	:	gen. in magazine		:
Kilowatts required	:	2.0		:
Type of lighting fixtures	:	6 - #SFO; 3 - #SF1		:
HEAT:	:			:
heated	:	Not heated		:
WATER & SEWER:	:			:
Connected to water mains	:	Yes		:
Connected to sewer	:	Yes		:
Type of latrine	:	Syphon jet		:
Permanent or temporary inst'n	:	Permanent		:
Present condition	:	Good		:
REFERENCE:	:			:
Reference of site	:	S 19,983.7; W 19,077.6		:
	:	Center line rear wall		:
	:	(See print)		:
Reference of instrument axis	:	None		:
Type and capacity of crane	:	None		:
Maximum dim. of reel handled	:	None		:



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600.914 (San Diego) CM 80903

REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS

HARBOR DEFENSES OF SAN DIEGO
FORT ROSECRANS
STRUCTURE LATRINE & STORAGE BUILDING
(BATTERY STRONG)

CORRECTED TO 8 February 1944

STRUCTURE:

Location: 50 ft. east of entrances (Battery Strong Magazine)
Date of transfer: 1 February 1943
Cost to that date: \$1,342.00
Type: Cottage
Type of construction:
(a) Roof: 1-ply mineral roofing over 1-inch T. & G. sheathing
(b) Remainder of bldg.: 1-inch T. & G. sheathing; concrete floor
How concealed: Tone-down paint
How protected: Not protected
Height above concealment: - - -
Height above ground: 10 ft.
Conspicuous at 100 yards

UTILITIES:

Electric power: None required
Source of: - - -

Kilowatts required: None

Type of lighting fixtures: None

Heat

1. heated: Not heated

Water sewer

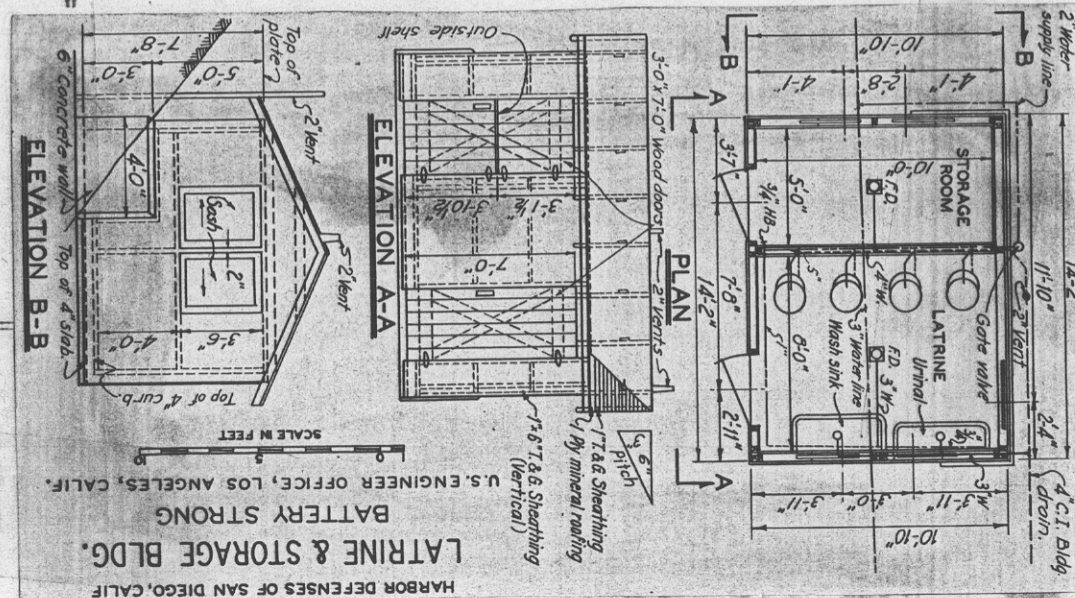
Connected to water mains: Yes (2-inch supply)

Connected to sewer: Yes (6-inch tile to septic tank)

Type latrine: Syphon-jet

REFERENCE:

Reference of site: Mean Lower Low Water



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