

DOCUMENT 00 21 14

QUESTIONS ON BID DOCUMENTS (QBD)

Potential Bidders must complete this QBD Form and submit to the address below no later than 4:00 PM and three (3) business days before the bid opening date.

Project: PIER 80 MOORING AND BERTHING
IMPROVEMENTS

Contract No. 2871

To: Port of San Francisco
Pier 1
San Francisco, CA 94111
Phone: (415) 274-0526
Attention: **Noel Aquino**
Email: constructionbids@sfport.com

City Use Only	
QBD No.	01
Received by:	Noel A.
Date Received:	3/26/25
Addendum Issued?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date Sent Response:	3/31/25

CONTRACTOR'S QUESTIONS	
Company Name:	THE DUTRA GROUP
Contact Name:	ESTIMATING
Title:	
Date	3-26-25
Tel:	415-258-6876
Fax:	
Check One Only (Use separate form for each specifications and drawing question.)	
<input type="checkbox"/> Spec. Section:	Paragraph(s):
<input checked="" type="checkbox"/> Drawing Sheet:	Detail(s):
<p>Question: PLEASE CONFIRM THAT THE PIER DECK ADJACENT TO AND WITHIN THE WORK ZONE IS AVAILABLE FOR THE CONTRACTOR'S USE, INCLUDING TO STAGE HEAVY EQUIPMENT SUCH AS CRANES AND TO STOCKPILE DEMO DEBRIS. PLEASE CONFIRM THE LOADING CAPACITY OF THE PIER DECK IN THE WORK ZONE.</p>	

CITY'S REPLY	
<input type="checkbox"/> Mark this box if the QBD can be answered by Bidder's review of the documents. Reply with location(s) where the information can be obtained.	
<p>Pier deck and adjacent area is available for contractors use. However, the contractor must vacate and clear areas as directed by the Port representative at no additional cost during tenant operation days. Port Tenant's vessel will drop a ramp near the north side of berth C (East Berth) and contractor shall keep area clear during tenant operations. Main staging and storage area is shown on sheet S101. Additional storage and stockpile shall be coordinated with the Port in conjunction with Port Tenants. Design loads are shown in the available building documents titled "Army St. Terminal General Plans" on page 5. Also attached to this QBD response for convenience. There is a localized area on the east berth roughly 10'x10' in dimension experiencing concrete spalling under deck that may require load limitations. Exact area to be determined before mobilization.</p>	
By: Noel A.	Bureau/Firm: Port of SF Engineering
Date:	3/31/25

The reply is an answer to a Bidder's question. The reply does not change the Bid Documents unless information contained therein is issued in an Addendum. At the sole discretion of the City, the question and reply may be returned to the questioner and distributed to all bidding general contractors for informational purposes.

LOADING FOR THE DESIGN OF ARMY ST. TERMINAL

WESTERN PACIFIC FREIGHT CAR 40% OVER LOAD (TOTAL 280,000 LBS.)
70 TON FREIGHT CAR 40% OVER LOAD (TOTAL 212,000 LBS.)

FREIGHT CAR		FREIGHT CAR		FREIGHT CAR		FREIGHT CAR		FREIGHT CAR	
9'-0"	22'-0"	9'-0"	22'-0"	9'-0"	22'-0"	9'-0"	22'-0"	9'-0"	22'-0"
10.0	70.0	10.0	70.0	10.0	70.0	10.0	70.0	10.0	70.0
35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
5.6	25'-0"	5.6	25'-0"	5.6	25'-0"	5.6	25'-0"	5.6	25'-0"
53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4

W.P. DIESEL ENGINE

W.P. DIESEL ENGINE		W.P. DIESEL ENGINE		W.P. DIESEL ENGINE		W.P. DIESEL ENGINE	
9'-0"	22'-0"	9'-0"	22'-0"	9'-0"	22'-0"	9'-0"	22'-0"
65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3

34 TON CONTAINER CRANE

34 TON CONTAINER CRANE		34 TON CONTAINER CRANE		34 TON CONTAINER CRANE		34 TON CONTAINER CRANE	
15'-0"	9'-0"	15'-0"	9'-0"	15'-0"	9'-0"	15'-0"	9'-0"
19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8
89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0

Concrete $f_c = 3000$ psi $\epsilon = 28$ Days
Steel Bent Bars $f_s = 10000$ psi
Straight Bars $f_s = 20000$ psi

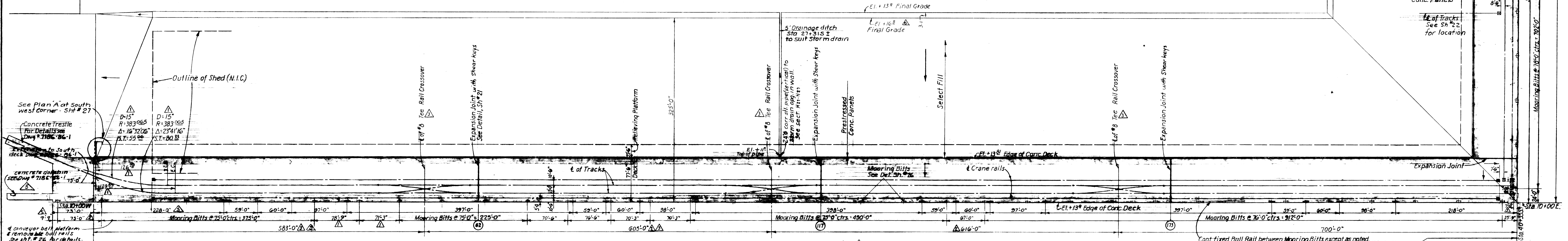
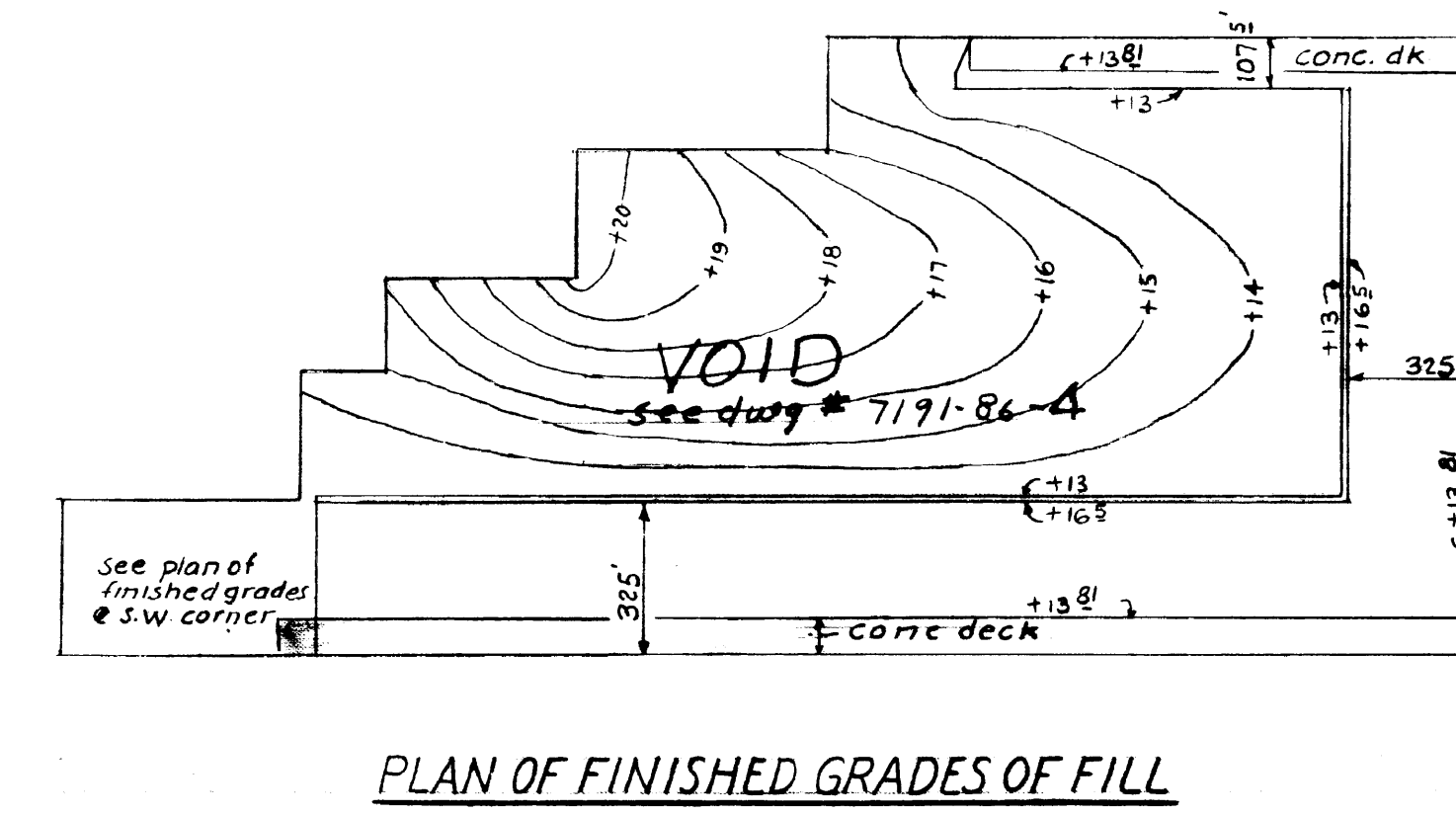
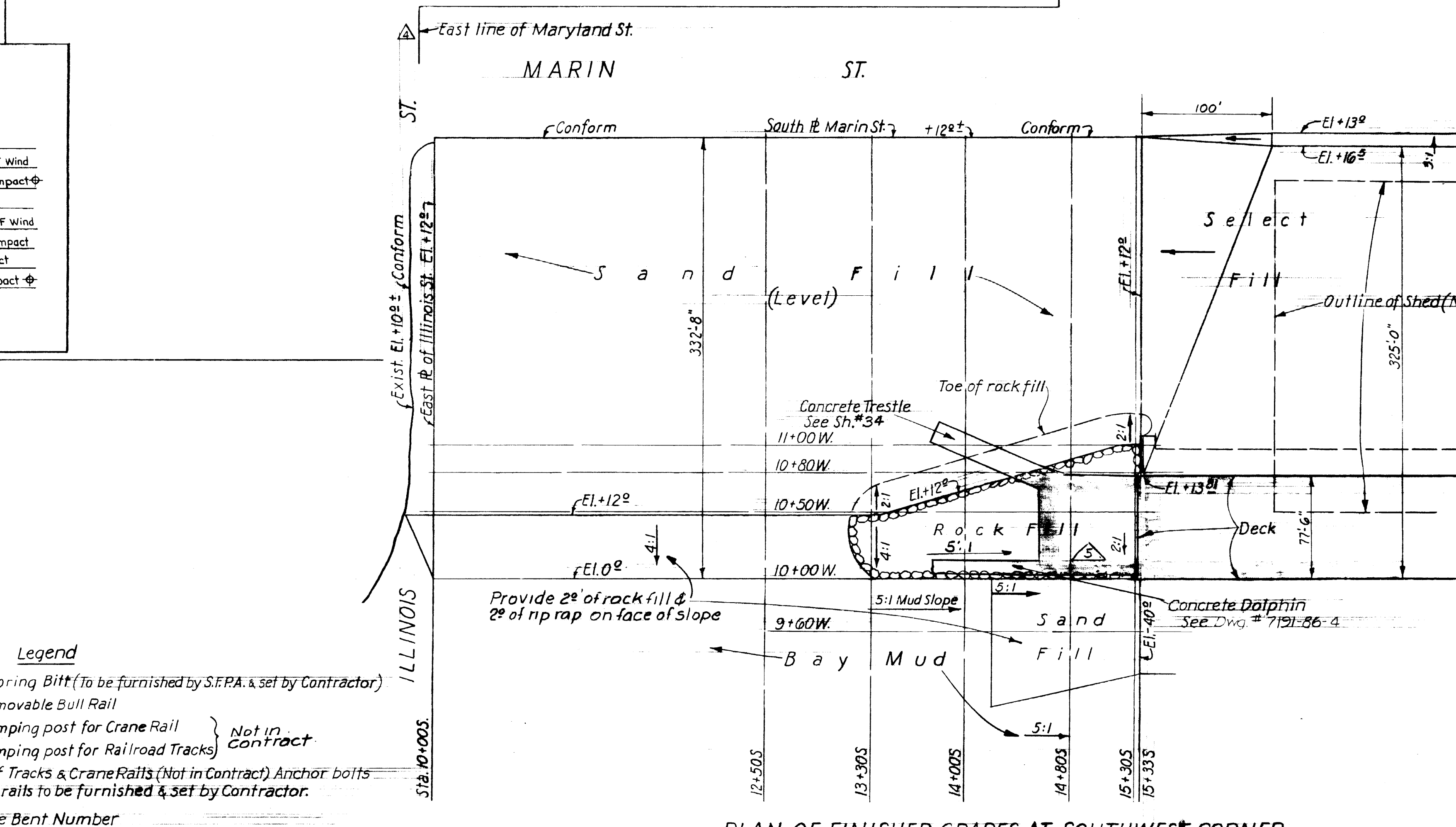
UNIFORM LIVE LOAD 1000 P.S.F.

H2O-S16 TRUCK LOAD		CLARK 500 STRADDLE CARRIER (25 TON CONTAINER)	
12K	12K	12K	12K
12K	12K	12K	12K
12K	12K	12K	12K
12K	12K	12K	12K
12K	12K	12K	12K
12K	12K	12K	12K
12K	12K	12K	12K
12K	12K	12K	12K
12K	12K	12K	12K
12K	12K	12K	12K

Loading used for design, in Kips. 1 kip = 1,000 lbs

CLARK 500 STRADDLE CARRIER (25 TON CONTAINER)

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12K	12K	12K	12K
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12K	12K	12K	12K
12K	12K	12K	12K
12K	12K	12K	12K
12K	12K	12K	12K
12K	12K	12K	12K
12K	12K	12K	12K



REV. NO.	DESCRIPTION	DATE	REV. NO.	DESCRIPTION	DATE
1	Railroad Tracks & Mooring Bitts revised, Location of Expansion Joint on North Deck Revised	4-6-64	1	All El. to top of fill are void. See Dwg. # 7191-86-4 for new grades.	
2	Revised dimensions to E of Crossovers on South Deck, relocated single crossover on North Deck, relocated Expansion Joints on North & East Decks	4-17-64			
3	Revised dimensions, changed 'Tee' rail to 'Tee' rail, changed 6'0" to 7'0" at east end of North & South Decks	7-6-64			
4	Moved property line to east line of Maryland St.	2-10-65			
5	Added extension to South deck & voided finished grade plan	8-10-65			

PLAN

See Sh. #30 for location of openings thru concrete slab, for downspouts, fire water service hatches, manholes and miscellaneous pipes.

Approved 7-10-63
San Francisco Port Authority
Port of San Francisco
Chief Engineer

SAN FRANCISCO PORT AUTHORITY
PORT OF SAN FRANCISCO
DEPARTMENT OF ENGINEERING
ARMY ST. TERMINAL
DECK & FINISHED GRADE PLAN
IN CHARGE OF W.F.M. CHECKED BY P.T.M.
MADE BY K.A.B. R.V.S. DATE 7-10-63
TRACED BY R.V.S. SCALE 1"=60'
DRAWING NO. 6948-86-1 SHEET NO. 17 OF 33