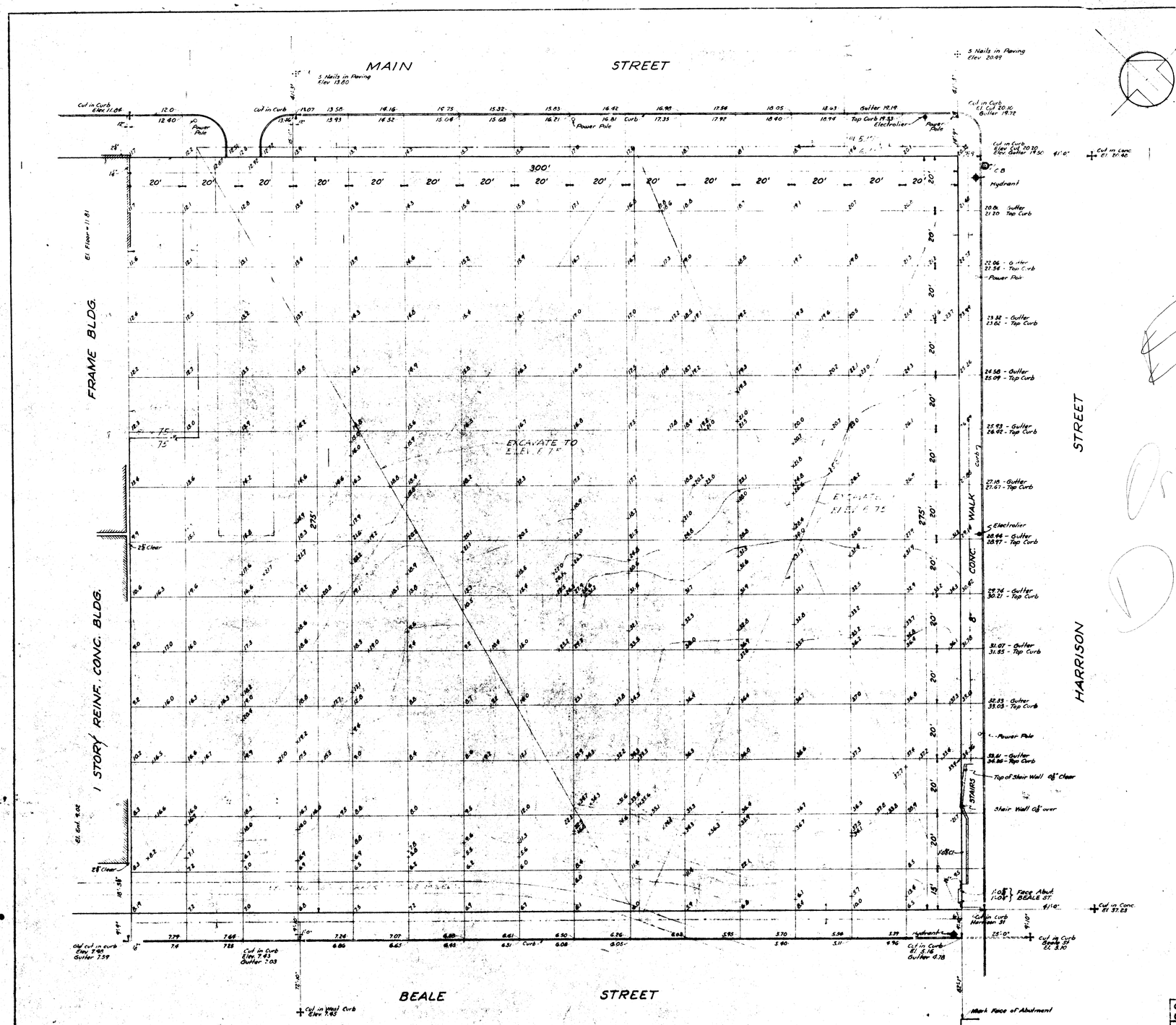
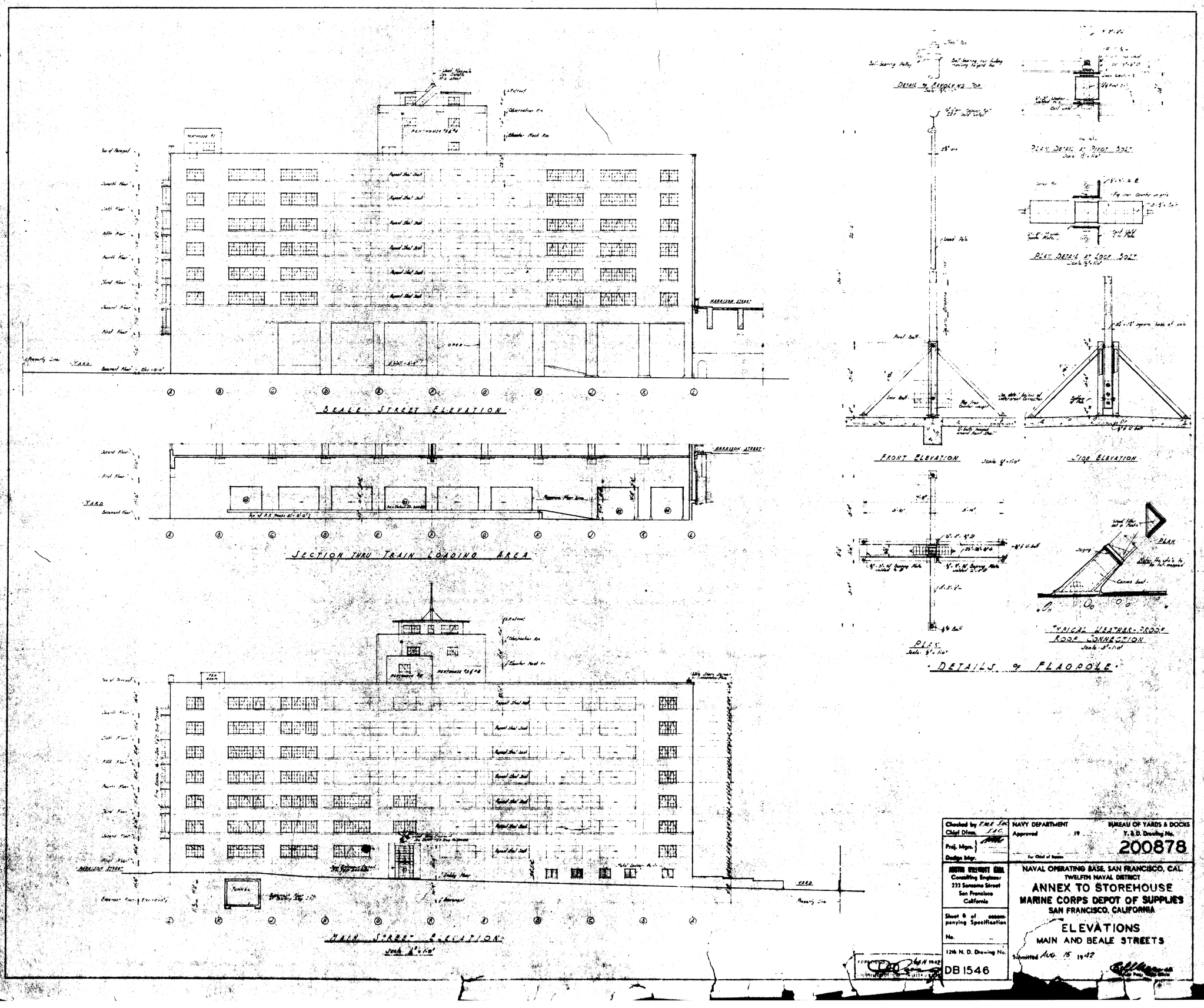
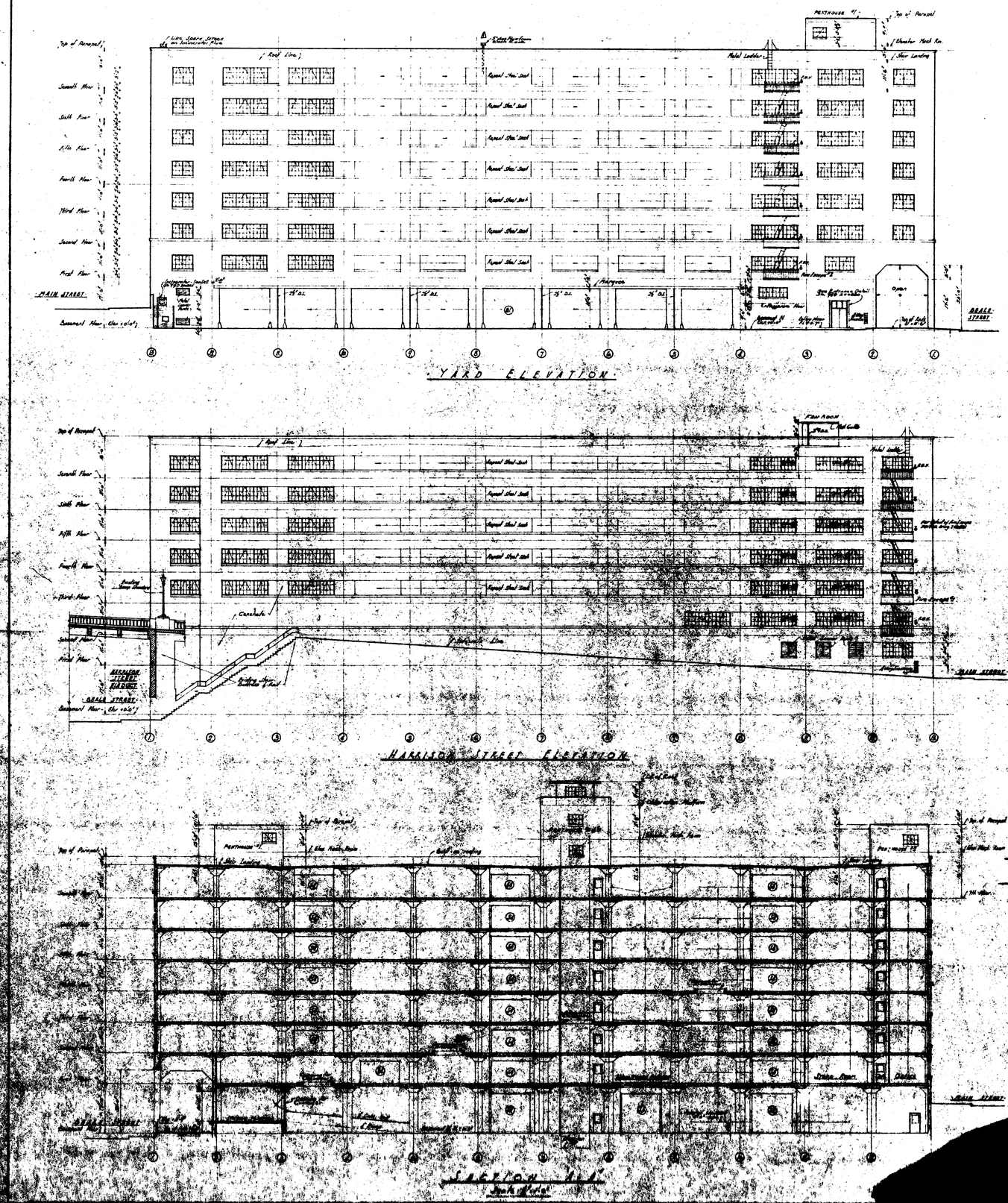
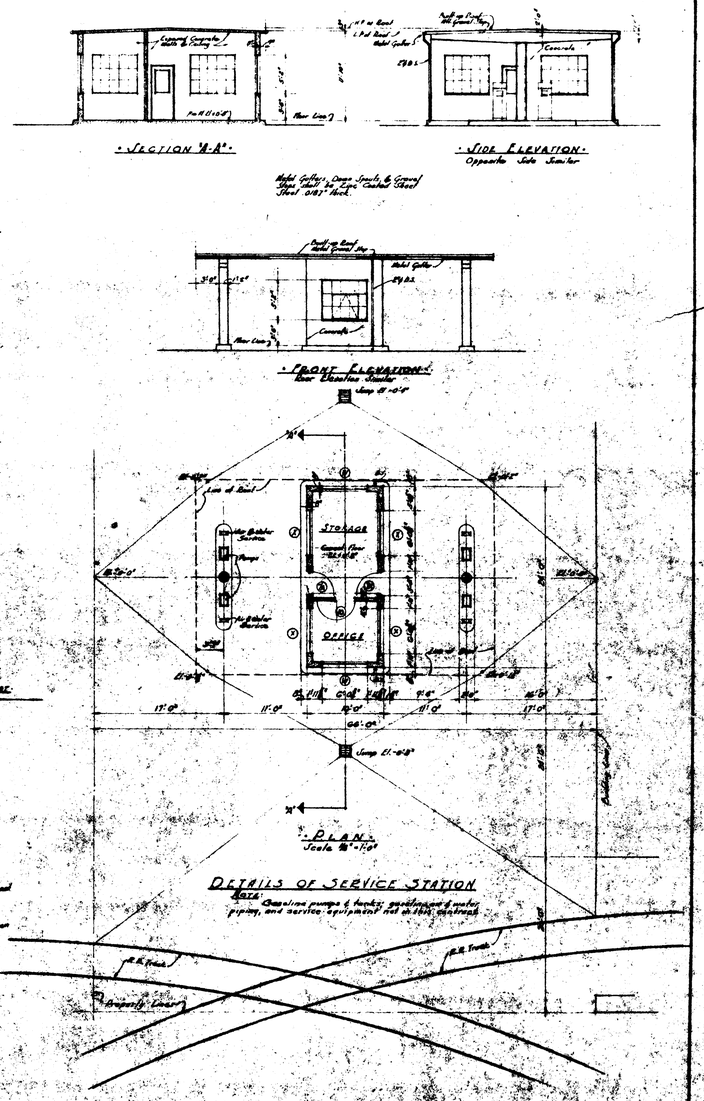


EPC
Original Dwgs
Do Not Toss
2/27/90

Checked by P.M.J. Chief Dfmn. J.G.W.	NAVY DEPARTMENT Approved 19	BUREAU OF YARDS & DOCKS Y. & D. Drawing No. 200873
Proj. Mgrs. Design Mgr.	For Chief of Bureau	
AUSTIN WILLMOTT EARL Consulting Engineer 233 Sansome Street San Francisco California	NAVAL OPERATING BASE, SA TWELFTH NAVA ANNEX TO S MARINE CORPS D SAN FRANCIS	
Sheet 1 of accompanying Specification No.	SURVEY & EXCA	
12th N. D. Drawing No.	Submitted	


BEALE STREET ELEVATION
SECTION THRU TRAIN LOADING AREA
MAIN STREET ELEVATION
DETAILS OF FLAGPOLE
DETAIL OF REVOLVING TOP
PLAN DETAIL AT PIVOT BOLT
PLAN DETAIL AT LOCK BOLT
FRONT ELEVATION
SIDE ELEVATION
PLAN
TYPICAL WEATHER-PROOF ROOF CONNECTION
HARRISON STREET
YARD
Checked by
Chief Dfmn.
Proj. Mgrs.
Design Mgr.
NAVY DEPARTMENT
Approved 19
For Chief of Bureau
BUREAU OF YARDS & DOCKS
Y. & D. Drawing No.
200878
Consulting Engineer
233 Sansome Street
San Francisco
California
Sheet 6 of accompanying Specification
No.
12th N. D. Drawing No.
DB 1546
NAVAL OPERATING BASE, SAN FRANCISCO, CAL.
TWELFTH NAVAL DISTRICT
ANNEX TO STOREHOUSE
MARINE CORPS DEPOT OF SUPPLIES
SAN FRANCISCO, CALIFORNIA
ELEVATIONS
MAIN AND BEALE STREETS
Submitted AUG. 15 1942





Checked by:	NAVY DEPARTMENT	BUREAU OF YARDS & DOCKS
Chief Dim.	Approved	Y. & D. Drawing No.
Proj. Mgr.		200879
Design Mgr.	For Chief of Bureau	

ARTHUR WILLMOTT KAHL
Consulting Engineer
233 Sansome Street
San Francisco
California

NAVAL OPERATING BASE, SAN FRANCISCO, CAL.
TWELFTH NAVAL DISTRICT
ANNEX TO STOREHOUSE
MARINE CORPS DEPOT OF SUPPLIES
SAN FRANCISCO, CALIFORNIA

ELEVATIONS
HARRISON AND YARD

AUG. 15 1942

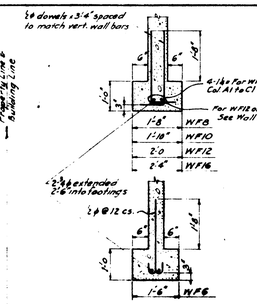
LOG OF TEST BORINGS

	HOLE # 1	HOLE # 2	HOLE # 3	HOLE # 4	HOLE # 5	HOLE # 6	HOLE # 7	HOLE # 8	HOLE # 9	HOLE # 10	HOLE # 11
Surface						Clay					Clay rock
10				Sand	Sand	Sand		Clay rock			
	Clay rock	Sand	Sand	Water Sand-bolder	Water Sand	Water Sand	Clay rock		Clay	Dry rock	
20		Hard Sand				Hard rock					
		Clay rock	Yellow Clay	Yellow Clay	Blue Sandy Clay	Yellow Clay / Variegated Sandy Clay-talus			Clay rock		
30			Decomposed rock		Sandy Clay rock	Shell rock			Shale rock		
					Decomposed rock	Decomposed rock					

TYPICAL WALL FOOTINGS

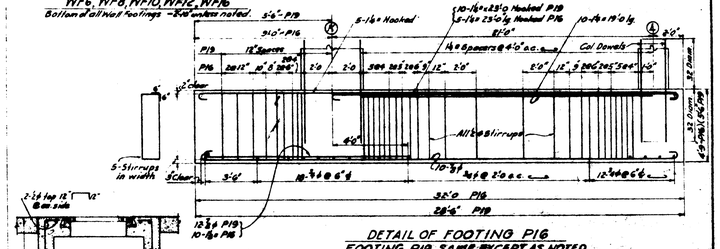
WF6, WF8, WF10, WF12, WF16

Bottom of all wall footings -3'-6" unless noted.

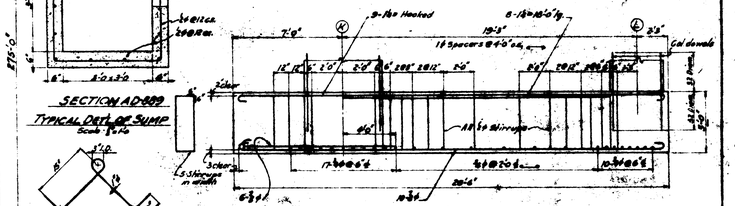


DETAIL OF FOOTING P16

FOOTING P19 SAME EXCEPT AS NOTED



DETAIL OF FOOTING P17

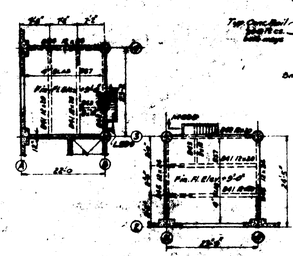


SECTION AD-889

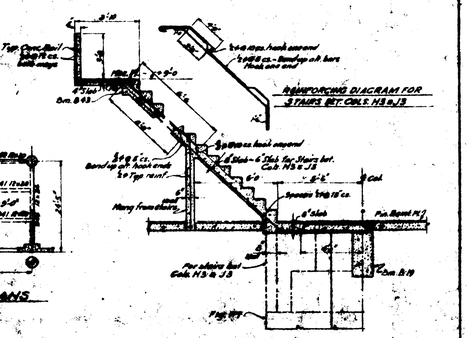
TYPICAL DET. OF SUMP

3'I.D. EYE BOLT

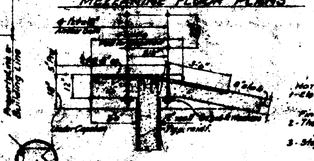
DETAIL BA-889



REINFORCING DIAGRAM FOR STAIRS BET. COLS H5 & J5



MEZZANINE FLOOR PLANS



SECTION L-889 AS SHOWN
SECTION H-889 SAME EXCEPT AS NOTED

Scale: ¼"=1'-0"

Notes:
1 - Elevations of bottom of footings and tenth and tops of slabs are shown thus -elevation- refer to Finished Basement Floor as datum.
"Finished Basement Floor" referred to San Francisco City Datum Elev. +7.16.
2 - The elevation of bottom of footings shown on plan is a minimum, bottom of footings shall be lowered where required to reach firm material.
3 - Stepped footings shall be poured in one operation.

SECTION S-889

Scale: ¼"=1'-0"

DOWEL PLAN JUNCTION OF RECT. COLS. AND CYLINDERS

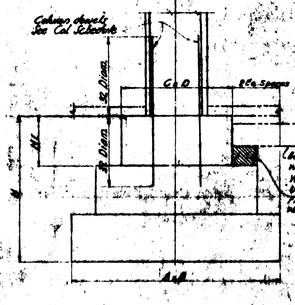
Notes:
1 - DESIGN DATA
Roof Live Load 40 #/sf Mezzanine 150 #/sf
Floor Live Loads 2nd to 7th 250 #/sf
1st Floor 350 #/sf
Earthquake Factor K = .10
Concrete: Columns and Cylinders Class D, F&O See Schedule
All other concrete Class B
Stresses in accordance with 1928 Addendum No. 1
Grade Interchangeable
Steel: Structural - 16,000 #/sq. in. Bars - 18,000 #/sq. in.
Spirals - 20,000 #/sq. in. Bars - 22,000 #/sq. in. All Steps
Soil Pressure - Spread Footings - 10,000 #/sq. ft.
Cylinders - 15,000 #/sq. ft.

SCALE: PLANS ¼"=1'-0" DETAILS AS NOTED

FOUNDATION & BASEMENT PLAN

Scale: ¼"=1'-0"

Columns above 1st Col Schedule



COLUMN & RECTANGULAR FOOTING SCHEDULE

MARK	A	B	C	D	H	REINF.	SPIRAL
A1	4'-6"	4'-6"	0'-6"	12'-6"	2'-6"	4	2'-0"
A2	4'-6"	4'-6"	0'-6"	12'-6"	2'-6"	4	2'-0"
A3	4'-6"	4'-6"	0'-6"	12'-6"	2'-6"	4	2'-0"
A4	4'-6"	4'-6"	0'-6"	12'-6"	2'-6"	4	2'-0"
A5	4'-6"	4'-6"	0'-6"	12'-6"	2'-6"	4	2'-0"
A6	4'-6"	4'-6"	0'-6"	12'-6"	2'-6"	4	2'-0"
A7	4'-6"	4'-6"	0'-6"	12'-6"	2'-6"	4	2'-0"
A8	4'-6"	4'-6"	0'-6"	12'-6"	2'-6"	4	2'-0"
A9	4'-6"	4'-6"	0'-6"	12'-6"	2'-6"	4	2'-0"
A10	4'-6"	4'-6"	0'-6"	12'-6"	2'-6"	4	2'-0"
A11	4'-6"	4'-6"	0'-6"	12'-6"	2'-6"	4	2'-0"
A12	4'-6"	4'-6"	0'-6"	12'-6"	2'-6"	4	2'-0"
B1	5'-6"	5'-6"	0'-6"	13'-6"	2'-6"	4	2'-0"
B2	5'-6"	5'-6"	0'-6"	13'-6"	2'-6"	4	2'-0"
B3	5'-6"	5'-6"	0'-6"	13'-6"	2'-6"	4	2'-0"
B4	5'-6"	5'-6"	0'-6"	13'-6"	2'-6"	4	2'-0"
B5	5'-6"	5'-6"	0'-6"	13'-6"	2'-6"	4	2'-0"
B6	5'-6"	5'-6"	0'-6"	13'-6"	2'-6"	4	2'-0"
B7	5'-6"	5'-6"	0'-6"	13'-6"	2'-6"	4	2'-0"
B8	5'-6"	5'-6"	0'-6"	13'-6"	2'-6"	4	2'-0"
B9	5'-6"	5'-6"	0'-6"	13'-6"	2'-6"	4	2'-0"
B10	5'-6"	5'-6"	0'-6"	13'-6"	2'-6"	4	2'-0"
B11	5'-6"	5'-6"	0'-6"	13'-6"	2'-6"	4	2'-0"
B12	5'-6"	5'-6"	0'-6"	13'-6"	2'-6"	4	2'-0"
C1	7'-0"	7'-0"	0'-6"	15'-0"	2'-6"	4	2'-0"
C2	7'-0"	7'-0"	0'-6"	15'-0"	2'-6"	4	2'-0"
C3	7'-0"	7'-0"	0'-6"	15'-0"	2'-6"	4	2'-0"
C4	7'-0"	7'-0"	0'-6"	15'-0"	2'-6"	4	2'-0"
C5	7'-0"	7'-0"	0'-6"	15'-0"	2'-6"	4	2'-0"
C6	7'-0"	7'-0"	0'-6"	15'-0"	2'-6"	4	2'-0"
C7	7'-0"	7'-0"	0'-6"	15'-0"	2'-6"	4	2'-0"
C8	7'-0"	7'-0"	0'-6"	15'-0"	2'-6"	4	2'-0"
C9	7'-0"	7'-0"	0'-6"	15'-0"	2'-6"	4	2'-0"
C10	7'-0"	7'-0"	0'-6"	15'-0"	2'-6"	4	2'-0"
C11	7'-0"	7'-0"	0'-6"	15'-0"	2'-6"	4	2'-0"
C12	7'-0"	7'-0"	0'-6"	15'-0"	2'-6"	4	2'-0"
D1	8'-6"	8'-6"	0'-6"	16'-6"	2'-6"	4	2'-0"
D2	8'-6"	8'-6"	0'-6"	16'-6"	2'-6"	4	2'-0"
D3	8'-6"	8'-6"	0'-6"	16'-6"	2'-6"	4	2'-0"
D4	8'-6"	8'-6"	0'-6"	16'-6"	2'-6"	4	2'-0"
D5	8'-6"	8'-6"	0'-6"	16'-6"	2'-6"	4	2'-0"
D6	8'-6"	8'-6"	0'-6"	16'-6"	2'-6"	4	2'-0"
D7	8'-6"	8'-6"	0'-6"	16'-6"	2'-6"	4	2'-0"
D8	8'-6"	8'-6"	0'-6"	16'-6"	2'-6"	4	2'-0"
D9	8'-6"	8'-6"	0'-6"	16'-6"	2'-6"	4	2'-0"
D10	8'-6"	8'-6"	0'-6"	16'-6"	2'-6"	4	2'-0"
D11	8'-6"	8'-6"	0'-6"	16'-6"	2'-6"	4	2'-0"
D12	8'-6"	8'-6"	0'-6"	16'-6"	2'-6"	4	2'-0"
E1	10'-0"	10'-0"	0'-6"	18'-0"	2'-6"	4	2'-0"
E2	10'-0"	10'-0"	0'-6"	18'-0"	2'-6"	4	2'-0"
E3	10'-0"	10'-0"	0'-6"	18'-0"	2'-6"	4	2'-0"
E4	10'-0"	10'-0"	0'-6"	18'-0"	2'-6"	4	2'-0"
E5	10'-0"	10'-0"	0'-6"	18'-0"	2'-6"	4	2'-0"
E6	10'-0"	10'-0"	0'-6"	18'-0"	2'-6"	4	2'-0"
E7	10'-0"	10'-0"	0'-6"	18'-0"	2'-6"	4	2'-0"
E8	10'-0"	10'-0"	0'-6"	18'-0"	2'-6"	4	2'-0"
E9	10'-0"	10'-0"	0'-6"	18'-0"	2'-6"	4	2'-0"
E10	10'-0"	10'-0"	0'-6"	18'-0"	2'-6"	4	2'-0"
E11	10'-0"	10'-0"	0'-6"	18'-0"	2'-6"	4	2'-0"
E12	10'-0"	10'-0"	0'-6"	18'-0"	2'-6"	4	2'-0"
F1	12'-0"	12'-0"	0'-6"	20'-0"	2'-6"	4	2'-0"
F2	12'-0"	12'-0"	0'-6"	20'-0"	2'-6"	4	2'-0"
F3	12'-0"	12'-0"	0'-6"	20'-0"	2'-6"	4	2'-0"
F4	12'-0"	12'-0"	0'-6"	20'-0"	2'-6"	4	2'-0"
F5	12'-0"	12'-0"	0'-6"	20'-0"	2'-6"	4	2'-0"
F6	12'-0"	12'-0"	0'-6"	20'-0"	2'-6"	4	2'-0"
F7	12'-0"	12'-0"	0'-6"	20'-0"	2'-6"	4	2'-0"
F8	12'-0"	12'-0"	0'-6"	20'-0"	2'-6"	4	2'-0"
F9	12'-0"	12'-0"	0'-6"	20'-0"	2'-6"	4	2'-0"
F10	12'-0"	12'-0"	0'-6"	20'-0"	2'-6"	4	2'-0"
F11	12'-0"	12'-0"	0'-6"	20'-0"	2'-6"	4	2'-0"
F12	12'-0"	12'-0"	0'-6"	20'-0"	2'-6"	4	2'-0"

WALL FOOTING SCHEDULE

MARK	A	B	C	REINF.
WF6	6'-0"	2'-0"	0'-6"	3
WF8	8'-0"	2'-0"	0'-6"	3
WF10	10'-0"	2'-0"	0'-6"	3
WF12	12'-0"	2'-0"	0'-6"	3
WF16	16'-0"	2'-0"	0'-6"	3
WF18	18'-0"	2'-0"	0'-6"	3
WF20	20'-0"	2'-0"	0'-6"	3
WF24	24'-0"	2'-0"	0'-6"	3
WF28	28'-0"	2'-0"	0'-6"	3
WF32	32'-0"	2'-0"	0'-6"	3
WF36	36'-0"	2'-0"	0'-6"	3
WF40	40'-0"	2'-0"	0'-6"	3
WF44	44'-0"	2'-0"	0'-6"	3
WF48	48'-0"	2'-0"	0'-6"	3
WF52	52'-0"	2'-0"	0'-6"	3
WF56	56'-0"	2'-0"	0'-6"	3
WF60	60'-0"	2'-0"	0'-6"	3
WF64	64'-0"	2'-0"	0'-6"	3
WF68	68'-0"	2'-0"	0'-6"	3
WF72	72'-0"	2'-0"	0'-6"	3
WF76	76'-0"	2'-0"	0'-6"	3
WF80	80'-0"	2'-0"	0'-6"	3
WF84	84'-0"	2'-0"	0'-6"	3
WF88	88'-0"	2'-0"	0'-6"	3
WF92	92'-0"	2'-0"	0'-6"	3
WF96	96'-0"	2'-0"	0'-6"	3
WF100	100'-0"	2'-0"	0'-6"	3
WF104	104'-0"	2'-0"	0'-6"	3
WF108	108'-0"	2'-0"	0'-6"	3
WF112	112'-0"	2'-0"	0'-6"	3
WF116	116'-0"	2'-0"	0'-6"	3
WF120	120'-0"	2'-0"	0'-6"	3
WF124	124'-0"	2'-0"	0'-6"	3
WF128	128'-0"	2'-0"	0'-6"	3
WF132	132'-0"	2'-0"	0'-6"	3
WF136	136'-0"	2'-0"	0'-6"	3
WF140	140'-0"	2'-0"	0'-6"	3
WF144	144'-0"	2'-0"	0'-6"	3
WF148	148'-0"	2'-0"	0'-6"	3
WF152	152'-0"	2'-0"	0'-6"	3
WF156	156'-0"	2'-0"	0'-6"	3
WF160	160'-0"	2'-0"	0'-6"	3
WF164	164'-0"	2'-0"	0'-6"	3
WF168	168'-0"	2'-0"	0'-6"	3
WF172	172'-0"	2'-0"	0'-6"	3
WF176	176'-0"	2'-0"	0'-6"	3
WF180	180'-0"	2'-0"	0'-6"	3
WF184	184'-0"	2'-0"	0'-6"	3
WF188	188'-0"	2'-0"	0'-6"	3
WF192	192'-0"	2'-0"	0'-6"	3
WF196	196'-0"	2'-0"	0'-6"	3
WF200	200'-0"	2'-0"	0'-6"	3

A	11-3-42	Details at stairways revised	MRS
Revisions	Date	Description	By

Checked by: H. G. S.
Chief Dftsm. V. E. W.
Proj. Mgr.
Design Mgr.

AUSTIN WILLCOTT EARL
Consulting Engineer
233 Sansome Street
San Francisco
California

Sheet 17 of sheets pertaining to Specification No.

10th N. D. Drawing No. DB.1557

NAVY DEPARTMENT
BUREAU OF YARDS & DOCKS
Approved ..... 19....
for Chief of Bureau
Y. & D. Drawing No. 200889

NAVAL OPERATING BASE, SAN FRANCISCO, CAL.
TWELFTH NAVAL DISTRICT
ANNEX TO STOREHOUSE
MARINE CORPS DEPOT OF SUPPLIES
SAN FRANCISCO, CALIFORNIA

FOUNDATION AND BASEMENT PLAN

Submitted Aug. 15 1942