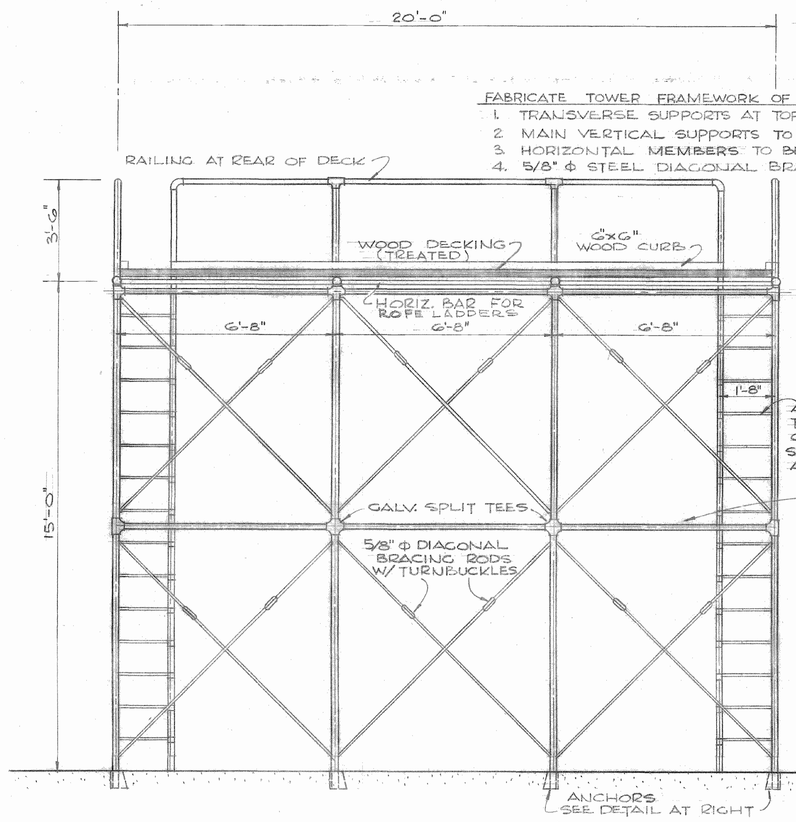
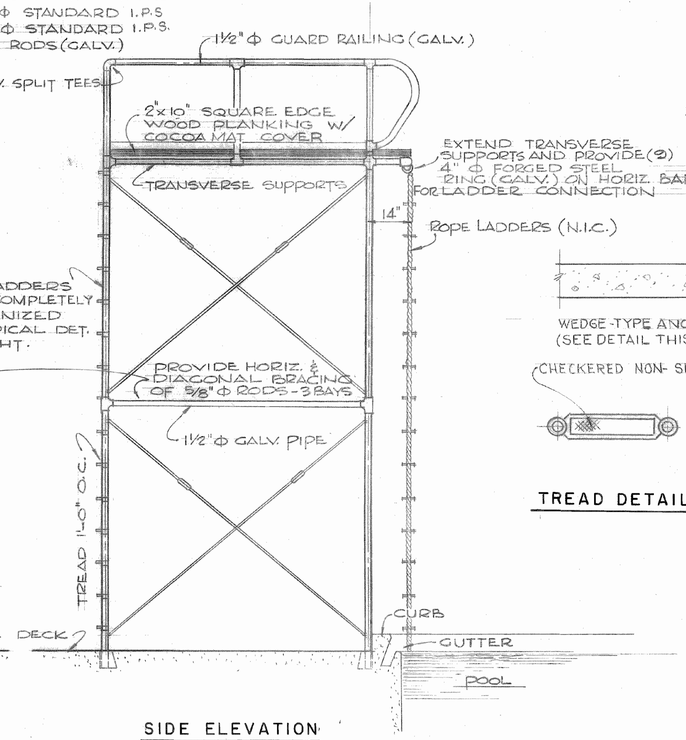
TOWER STRUCTURAL DESIGN NOTES:

1. LIVE LOAD ON DECK - 75# SQ. FT.
2. HORIZONTAL THRUST AT TOP OF TOWER AT RIGHT ANGLE TO POOL END WALL = 1500# PER BENT - BOTH WAYS (MIN.)
   PARALLEL TO POOL END WALL - 2000# MIN.
3. FABRICATOR SHALL SUBMIT DETAILED SHOP DRAWINGS INDICATING PROPOSED JOINT DETAILS, METHOD OF ASSEMBLY & DETAILED DIMENSIONS.

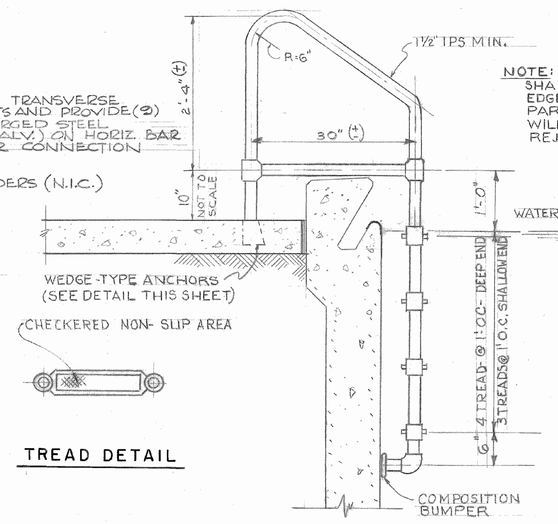
FABRICATE TOWER FRAMEWORK OF GALVANIZED PIPE.
1. TRANSVERSE SUPPORTS AT TOP TO BE 2" Φ EXTRA STRONG I.P.S.
2. MAIN VERTICAL SUPPORTS TO BE 2" Φ STANDARD I.P.S.
3. HORIZONTAL MEMBERS TO BE 1½" Φ STANDARD I.P.S.
4. 5/8" Φ STEEL DIAGONAL BRACING RODS (GALV.)



FRONT ELEVATION
3/8" = 1'-0"

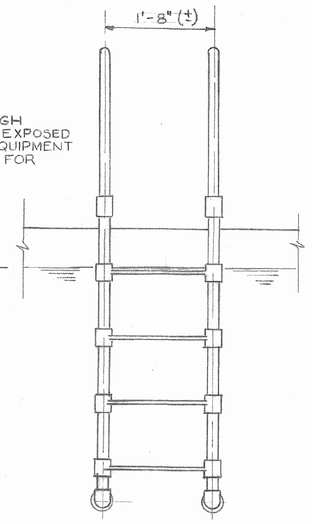


SIDE ELEVATION
3/8" = 1'-0"



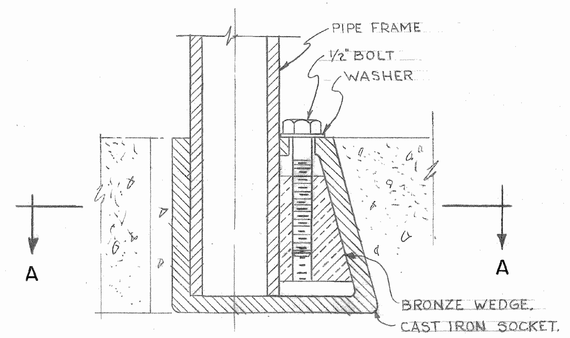
TREAD DETAIL

SIDE ELEVATION

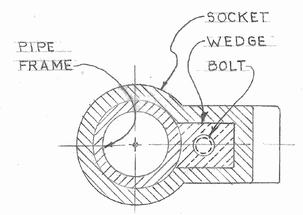


ELEVATION

LADDER
3/4" = 1'-0"

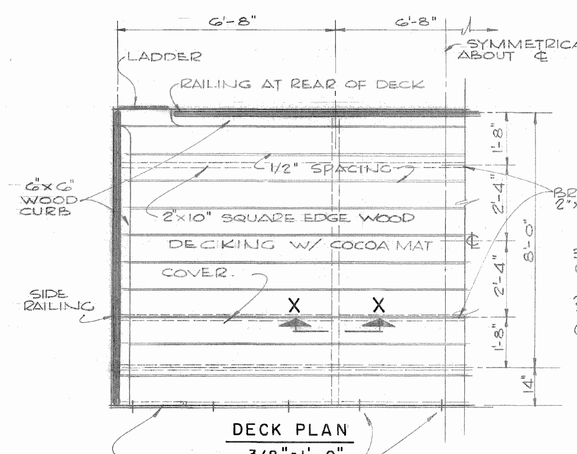


ELEVATION

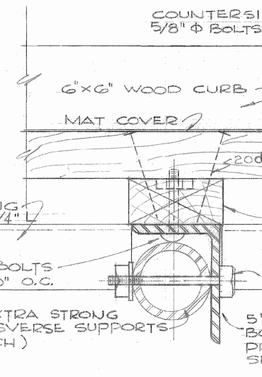


SECTION A-A

ANCHOR DETAIL
6" = 1'-0"

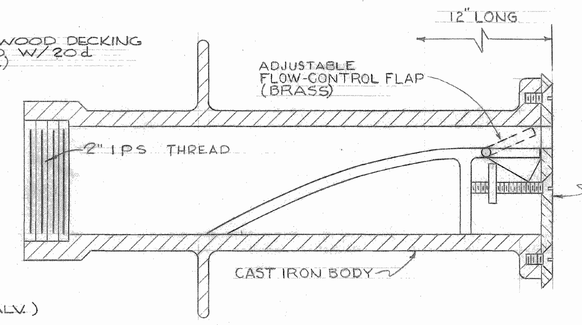


DECK PLAN
3/8" = 1'-0"

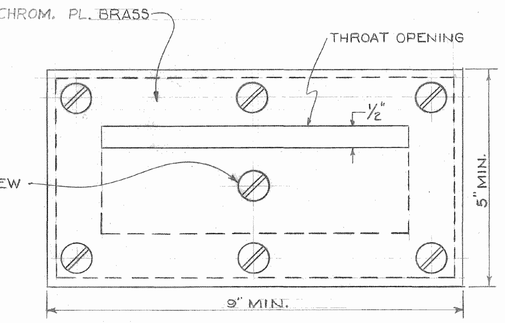


SECTION X-X
NO SCALE

JUMPING TOWER DETAILS

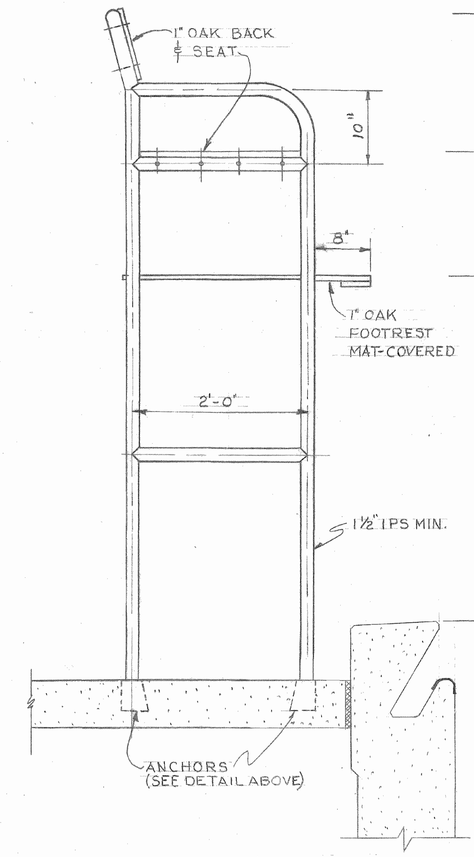


SECTION

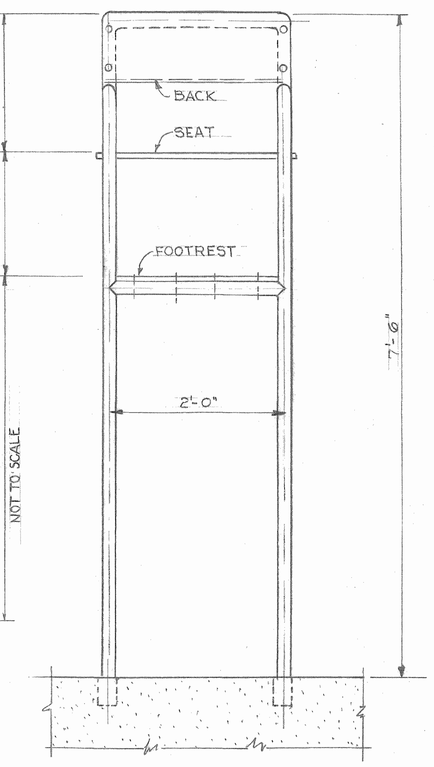


FACE ELEVATION

INLET DETAIL
NO SCALE

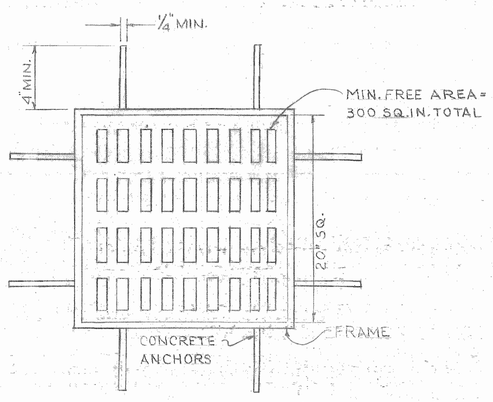


SIDE

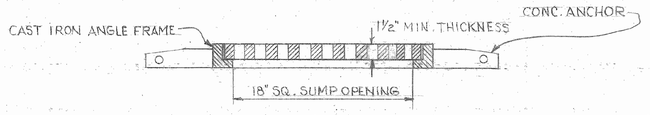


FRONT

LIFE GUARD CHAIR
1" = 1'-0"

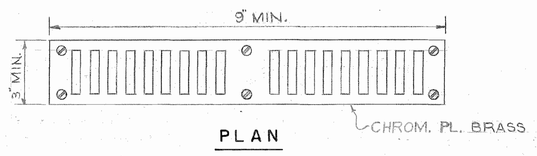


PLAN

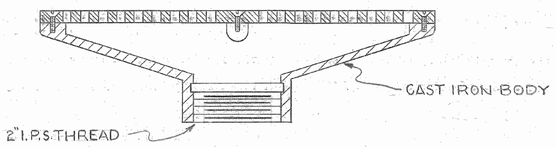


SECTION

MAIN DRAIN GRATE
1-1/2" = 1'-0"

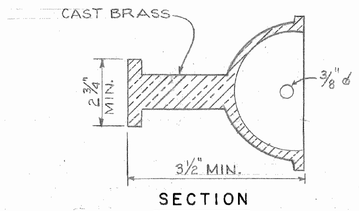


PLAN

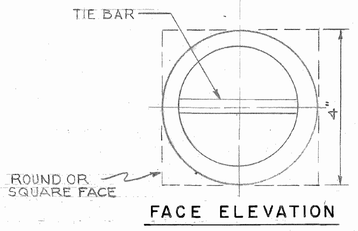


SECTION

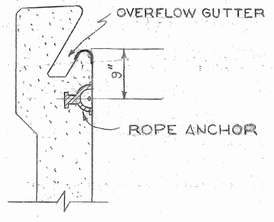
OVERFLOW DRAIN
6" = 1'-0"



SECTION

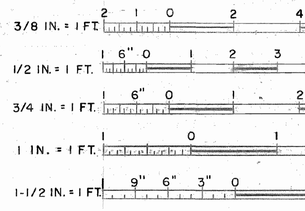


FACE ELEVATION



SETTING DETAIL

ROPE ANCHOR
3/4" = 1'-0"



RECORD DRAWING

PW 4756

SYMBOL	DESCRIPTION	DATE	APPROVAL
	REVISIONS		

DRAWN: W.C. & K.S.
TRACED: S.D.
CHECKED: B.C.B. J.R.G.
AE NBY 4508

DEPARTMENT OF THE NAVY — BUREAU OF YARDS & DOCKS
DISTRICT PUBLIC WORKS OFFICE — 6TH ND CHARLESTON, S.C.
MAURICE H. CONNELL AND ASSOCIATES INC.
MIAMI — ARCHITECT ENGINEER — FLORIDA

MARINE CORPS AUXILIARY AIR STATION, BEAUFORT, S.C.
COMBAT TRAINING POOL
JUMPING TOWER, LADDERS & MISCELLANEOUS DETAILS
MECHANICAL

DIRECTOR DES. DIV.
ASST. DPWO
PLANNING & DESIGN

APPROVED — DATE
RES. OFFICER IN CHARGE

APPROVED FOR BUREAU OF YARDS & DOCKS
DPWO FOR CHIEF OF BUREAU

SCALE AS SHOWN
SHEET 13 OF 15
SPEC 13623/57
NBY 13623
Y & D DRAWING NO 775546

SATISFACTORY TO
DATE
SUBMITTED BY MAURICE H. CONNELL & ASSOCIATES, INC. A-E.
DATE 15 MAY 1957

Jumping Tower — Ladders & Misc. Details 13 — Mechanical #775546