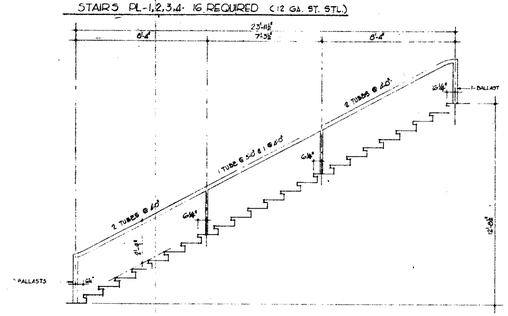
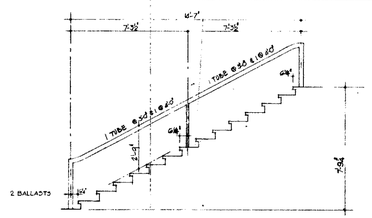
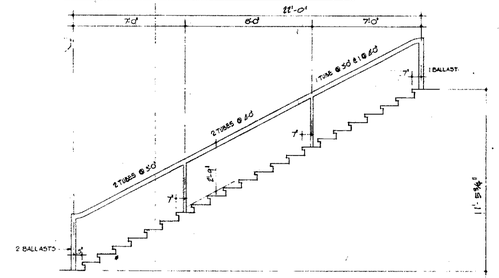
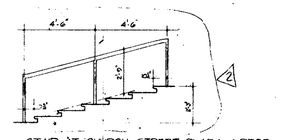


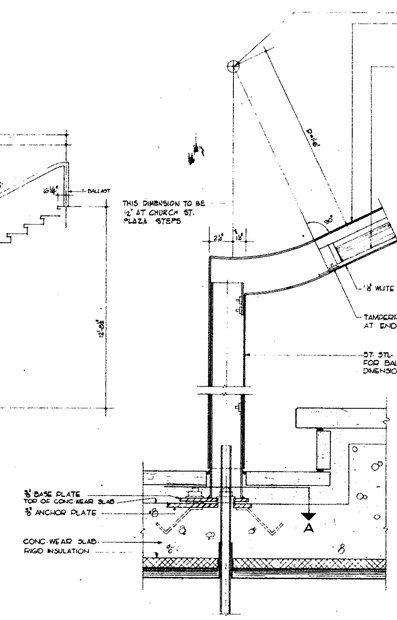




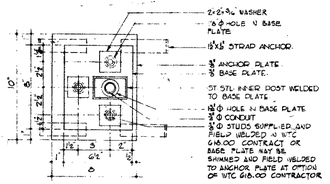




TYPICAL HANDRAIL ELEVATIONS
SC: 1/2"=1'-0"



BOTTOM POST
LONGITUDINAL SECTION
SCALE: 3"=1'-0"

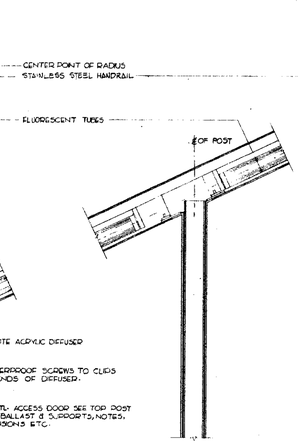


BOTTOM POST
PLAN A
SCALE: 3"=1'-0"

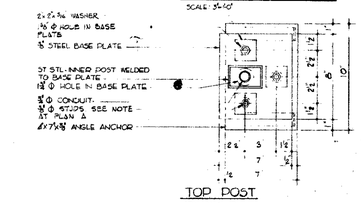


TYPICAL POST — RAIL SECTION

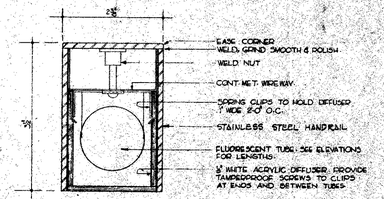
HANDRAIL DETAILS AT CHURCH ST. PLAZA STEPS
SCALE: HALF FULL SIZE
NOTE: BASE DETAILS ARE SIMILAR TO THOSE FOR ILLUMINATED HANDRAILS



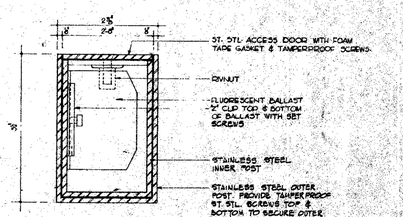
TOP POST
LONGITUDINAL SECTION
SCALE: 3"=1'-0"



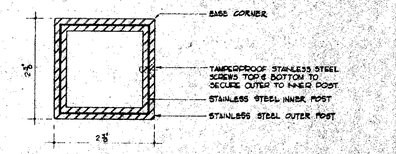
TOP POST
PLAN B
SCALE: 3"=1'-0"



HANDRAIL SECTION
SCALE: FULL SIZE



PLAN AT END POST
SCALE: FULL SIZE



PLAN AT INTERMEDIATE POST
SCALE: FULL SIZE

NOTE:
ANCHOR PLATES AND ANGLES SET IN CONCRETE WEAR SLAB ARE IN WTC 130.01 CONTRACT. ALL OTHER PARTS OF HANDRAIL ARE IN WTC 618.00 CONTRACT.

RECEIVED
SEP 26 1984
LESLIE E. ROBERTSON ASSOCIATES
211 E. 43RD ST., N.Y., N.Y. 10017

CONTRACT BID DRAWING date 2-1-71

NO.	DATE	BSL. NO.	BY
REVISIONS			
A	4-26-72	P-25	BC
B	11-2-72	P-10	B.G.
REVISIONS			

APPROVED
CHIEF, PLANNING DIVISION
DATE

THE WORLD TRADE CENTER
THE PORT OF NEW YORK AUTHORITY

MINORU YAMASAKI & ASSOCIATES — ARCHITECT
SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — STRUCTURAL ENGINEERS
JOSEPH R. LORING & ASSOCIATES — ELECTRICAL ENGINEERS
EMERY ROTH & SONS — ARCHITECT
JAROS, BAUM & BOLLES — MECHANICAL ENGINEERS
THE PORT OF NEW YORK AUTHORITY — PARKING, UTILITIES, FOUNDATIONS

TITLE: EXTERIOR ILLUMINATED HANDRAIL
DESIGN: RECOM. SUPV. | DRAWN: | CHECKED: | QA:
SCALE: 3/8" SHOWN | DATE: 2-1-71
PROJECT MANAGER | SHEET
DRAWING NO. A-WP-21