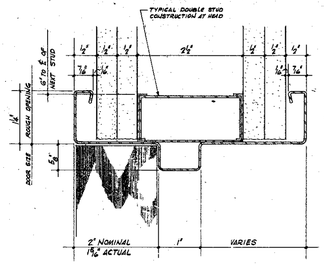


TYPICAL DETAIL OF REINFORCED HEAD AT MASONRY PARTITION

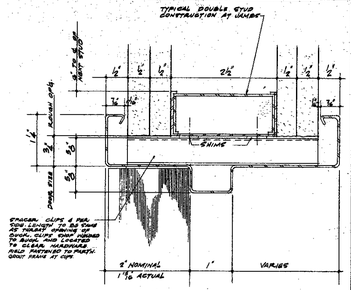
SCALE: HALF FULL SIZE

(SEE SCHEDULE OF BUCK & REINFORCEMENT GAUGES)



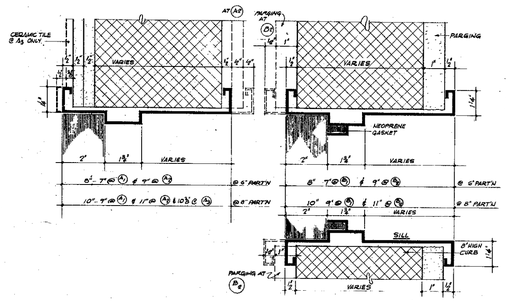
TYPICAL HEAD AT STUD PARTITION

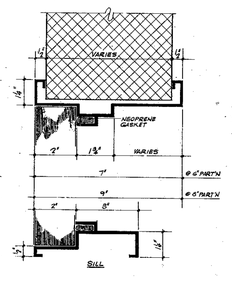
SCALE: FULL SIZE

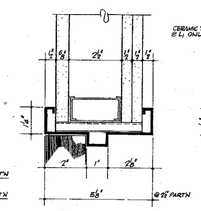


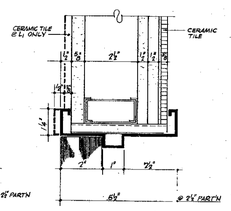
TYPICAL JAMB AT STUD PARTITION

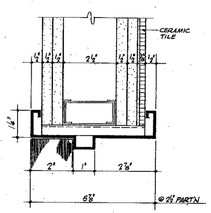
SCALE = FULL SIZE











A — A1 SAME AS DETAIL 'A' WITH CHR WALLBOARD OMITTED

A2 SAME AS DETAIL 'A' WITH GYP. WALLBOARD BOTH SIDES

A3 SAME AS DETAIL 'A' WITH CERAMIC TILE ON GYPSUM WALLBOARD

B — B1 SAME AS DETAIL 'B' WITH PARGING OMITTED

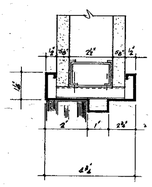
B2 SAME AS DETAIL 'B' WITH PARGING BOTH SIDES.

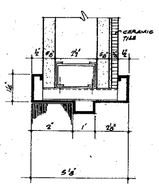
C

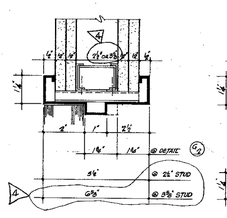
D — D1 4 SIDED BUCK WITH NEOPRENE GASKET SILL DETAIL SAME AS DETAIL 'J'

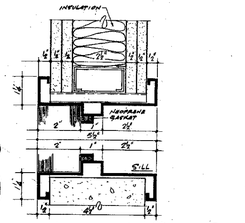
L — L1 SAME AS DETAIL 'L' EXCEPT CERAMIC TILE BOTH SIDES

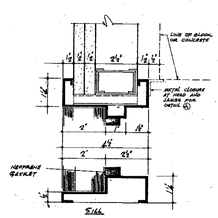
M

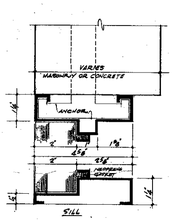












E — E1 4 SIDED BUCK WITH NEOPRENE GASKETING SILL DETAIL SAME AS H

E2 3 SIDED BUCK WITH NEOPRENE GASKETING SILL DETAIL SAME AS J

F

G — G1 4 SIDED BUCK WITH NEOPRENE GASKETING SILL DETAIL SAME AS J

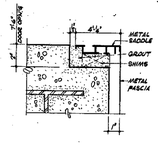
G2 SAME AS DETAIL 'G' EXCEPT FOR 24" STUD

H — H1 SAME AS M WITH SILL DETAIL SAME AS M

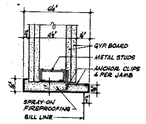
J — J1 AS NOTED

K — NOTE: WHERE REQUIRED BY CONTRACT, BUCK TO BE SET BEFORE PARGING OR CMU.

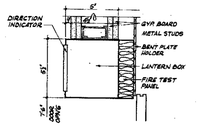
SCALE - HALF FULL SIZE FOR DETAILS 'A' TO 'K'



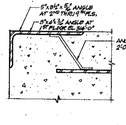
AA



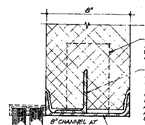
BB



CC



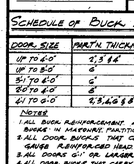
DD — D1 FOR 6½" & 7¾" JAMBS ONLY



EE

ELEVATION

TYPE NO	SIZE WIDTH	SIZE HEIGHT	SIZE THICKNESS	FIRE	FIRE RATING	STEEL BUCK	STEEL DOOR	HOLLOW METAL CORE	REMARKS
A-1	3'-7"	7'-0"	1¾"	●	●				
A-2	3'-0"	7'-0"	1¾"	●	●				
A-3	3'-0"	7'-0"	1¾"	●	●	●	●	●	
A-4	2'-0"	7'-0"	1¾"	●	●	●	●	●	
A-5	3'-9"	7'-0"	1¾"			●	●	●	
A-6	3'-0"	7'-0"	1¾"	●		●	●	●	
A-7	3'-9"	7'-0"	1¾"	●		●	●	●	
A-8	2'-6"	7'-0"	1¾"	●		●	●	●	
A-9	3'-0"	7'-0"	1¾"	●		●	●	●	POLISHED WIRE GLASS VISION PANEL ON LOCKSET SIDE
A-10	1'-0"	7'-0"	1¾"	●		●	●	●	
A-11	2'-6"	7'-0"	1¾"	●		●	●	●	
A-12	2'-0"	7'-0"	1¾"			●	●	●	
A-13	2'-0"	2'-0"	1¾"	●		●	●	●	
B-1	5'-0"	7'-0"	1¾"	●		●	●	●	
B-1	5'-0"	7'-0"	1¾"	●		●	●	●	POLISHED WIRE GLASS VISION PANEL ON LOCKSET SIDE
B-3	6'-0"	7'-0"	1¾"	●		●	●	●	
B-4	5'-0"	7'-0"	1¾"	●		●	●	●	
B-5*	7'-0"	7'-0"	1¾"	●		●	●	●	POLISHED WIRE GLASS VISION PANEL ON LOCKSET SIDE
B-6*	5'-0"	7'-0"	1¾"	●		●	●	●	LOUVERS
C-1	3'-0"	7'-0"	1¾"	●		●	●	●	
C-2	2'-6"	7'-0"	1¾"	●		●	●	●	* 12 INCH BOOM RAIL ONLY. OMIT GASKETING.
C-3	3'-0"	7'-0"	1¾"	●		●	●	●	
X-1 *	3'-0"	7'-0"	1¾"	●		●	●		* SEE CONCOURSE LOBBY DETAILS FOR DOOR, BUCK & FINISHES
X-2 * &	6'-0"	9'-0"	1¾"	●		●	●		& SEE PLAZA LOBBY DETAILS FOR DOOR, BUCK & FINISHES
X-3 *	3'-0"	9'-0"	—						* SEE CONCOURSE LOBBY DETAILS FOR DOOR, BUCK & FINISHES
X-4 *	5'-0"	7'-0"	1¾"	●		●	●		& SEE PLAZA LOBBY DETAILS FOR DOOR, BUCK & FINISHES
X-5 * &	5'-0"	7'-0"	1¾"	●		●	●		* SEE COVE LOBBY DETAILS FOR DOOR, BUCK & FIN
X-6 *	8'-0"	7'-06"	—						* SEE BULKHEAD DETAIL DWG.
X-7 *	3'-3"	7'-0"	—						* SEE CONCOURSE LOBBY DETAILS FOR DOOR, BUCK & FINISHES
X-8 *	2'-11"	6'-11"	1¾"	●		●	●		* SEE CONCOURSE LOBBY DETAILS FOR DOOR, BUCK & FINISHES
X-9 *	1'-8"	7'-3¾"	1¾"	●		●	●		* VIRGINIA ACCESS DOOR. SEE ELEVATION D-12?
X-10	3'-0"	7'-0"	1¾"	●		●	●		& SEE CONCOURSE LOBBY DETAILS FOR DOOR, BUCK & FINISHES
X-11	3'-0"	10'-0"	—						* SEE PLAZA LOBBY DETAILS FOR DOOR, BUCK & FINISHES
D-1	4'-0"	7'-0"	1¾"	●	●				
D-2	5'-0"	7'-0"	1¾"	●	●				
D-3	6'-0"	7'-0"	1¾"	●	●				
D-4	8'-0"	7'-0"	1¾"	●	●				



FLUSH HOLLOW METAL SLIDING DOOR UNITS

SCHEDULE OF BUCK AND REINFORCEMENT GAUGES

DOOR SIZE	PARTN THICKNESS	BUCK GAUGES	REINFORCEMENT GAUGE
UP TO 4'-0"	2", 3½"	14 G.	SEE NOTE #2
UP TO 5'-0"	6"	12 G.	SEE NOTE #2
5'-1" TO 8'-0"	6"	12 G.	12 G.
8'-0" TO 9'-0"	8"	12 G.	12 G.
9'-1" TO 12'-0"	2", 3½", 6", 8"	12 G.	12 G.

NOTES:
1. ALL BUCK REINFORCEMENT, AS SHOWN ON SCHEDULE APPLIES TO ONE PIECE BUCKS IN MASONRY PARTITIONS ONLY.
2. ALL DOOR BUCKS THAT CARRY FACING TILE OR MARBLE TO HAVE 12 GAUGE REINFORCED HEAD.
3. ALL DOOR SILLS OF LOBBY AND ALL EXTERIOR DOOR TO HAVE SHOE LINTEL SHALL BE 14 GAUGE BUCK WITH 12 GAUGE REINFORCEMENT.
4. CLEARANCE OF DOOR, BUCKS AND SWING FOR WIDTH OF BUCK AND WALL CONDITIONS ONLY. FOR ACTUAL DOOR LOCATION AND SWING REFER TO PLANS.

S.E. PLAZA BUILDING ELEV. DOORS & FRAMES

ELEV. NO	FLOOR	JAMB	HEAD	SILL	REMARKS
1 @ 13'-6"	ENTRY LEVEL	D-D	C-C	*	* SEE DWG. 4-P-1 FOR FLOOR CONTR. JOINT LOCATIONS.
C-C 13'-6"	ENTRY LEVEL	D-D	C-C	*	* SEE DWG. 4-P-1 FOR FLOOR CONTR. JOINT LOCATIONS.
F.F. 13'-6"	FIRST FLOOR CONC. LEVEL	SPECIAL	SPECIAL	SPECIAL	SEE ELEVATOR LOBBY DETAILS DWG. 4-A-P1 FOR SPECIALS
F.F. 13'-6" & C-C 14'-0"	EL 340'-0"	"	"	"	
C-C 21'-5"		"	"	"	
F.F. 13'-6" & C-C 14'-0"	EL 327'-0" TO EL 333'-0"	SPECIAL	SPECIAL	SPECIAL	SEE ELEVATOR LOBBY DETAILS DWG. 4-A-P1 FOR SPECIALS
C-C 21'-5"		"	"	"	
F.F. 13'-6" & C-C 14'-0"	EL 333'-0" TO EL	D-D	C-C	A-A	
C-C 21'-5"		D-D	C-C	A-A	
F.F. 13'-6" & C-C 14'-0"	5TH TO 9TH FLOORS	D-D	C-C	A-A	
C-C 21'-5"		D-D	C-C	A-A	
F.F. 13'-6" & C-C 14'-0"		D-D	C-C	A-A	
WOOD DOOR SILLS	TOP FLOOR LEVEL SHOWN AT ELEV. 1-A-P1	E-E	B-B	D-D	

Note:
1. ALL ELEVATOR DOORS AND FRAMES TO BE HOLLOW METAL EXCEPT AS OTHERWISE NOTED.
2. ALL PASSENGER ELEVATOR DOORS TO BE 7'-0" IN HEIGHT.
ALL FREIGHT AND COMBINATION ELEVATOR DOORS TO BE 7'-0" IN HEIGHT.

HUNG LINTEL SCHEDULE

NO.	SIZE	LENGTH	SECT.	WALL THICK.	BOTT. OF LINTEL	FLOOR	REMARKS
HL-1	8 L 18	10'-0"	JL#1	8"	6'-0"	7TH FLOOR	WORK PAINT STEEL ABOVE
HL-2	8 L 18	15'-10"	JL#1	8"	+7'-0"	235'-0"	7TH FLOOR
HL-3	8 L 18	21'-10"	JL#1	8"	+7'-0"	235'-0"	7TH FLOOR
HL-4	8 L 18	18'-10"	JL#1	8"	+7'-0"	235'-0"	7TH FLOOR
HL-5	8 L 18	6'-10"	JL#1	8"	+5'-0"	285'-0"	7TH FLOOR
HL-6	8 L 18	11'-4"	JL#1	8"	+7'-0"	130'-0"	7TH FLOOR
HL-7			JL#1	8"			
HL-8			JL#1	8"			
HL-9			JL#1	8"			
HL10			JL#1	8"			
HL11			JL#1	8"			
HL12			JL#1	8"			

LOOSE LINTEL SCHEDULE

NO.	SIZE	LENGTH	SECT.	WALL THICK.	FLOOR
L-1	3½ x 3½ x ¼ STEEL ANGLE	SEE DWG.	JL#1	4'-0"	201'-0"
L-3	8 L 18	6'-0"	JL#1	8"	7TH -0" 130'-0"
L-4	8 L 18	6'-8"	JL#1	8"	5TH -0" 130'-0"
L-5	8 L 18	8'-8"	JL#1	8"	5TH FLOOR
L-6	8 L 18	SEE PLAN	JL#1	8"	5TH FLOOR

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OCT 23 1975
SKILLING-HELLE CHRISTIANSEN-ROBERTSON

CONTRACT NO. 73-7 BID DRAWING NO. 73-7 BRK AVE. N.Y.

NO.	DATE	REVISIONS	BY	NO.	DATE	REVISIONS	BY
	10-17-75	F-13	LJ				
	4-29-75	P-1	LJ				
	11-13-74	CBN-F2	LG				
	11-19-73	ADDT	MH				

APPROVED

CHIEF, PLANNING DIVISION

DATE

REGISTERED ARCHITECT STATE OF NEW YORK

THE WORLD TRADE CENTER

THE PORT AUTHORITY OF NEW YORK AND NEW JERSEY

MINORU YAMASAKI & ASSOCIATES
MINORU YAMASAKI, ARCHITECT

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON
STRUCTURAL ENGINEERS

EMERY ROTH & SONS
RICHARD ROTH, ARCHITECT

THE PORT AUTHORITY OF NEW YORK AND NEW JERSEY
MECHANICAL, ELECTRICAL, PAVING, UTILITIES, FOUNDATIONS

TITLE: SOUTHEAST PLAZA BUILDING DOOR, BUCK, DETAILS, ELEVATION, SHAFT DOOR, FRAME DETAILS, DOOR SCHEDULE & LINTELS

DRAWN	CHECKED
SCALE AS NOTED	DATE 11-15-73
PROJECT NUMBER	SHEET NO.
DRAWING NUMBER	A