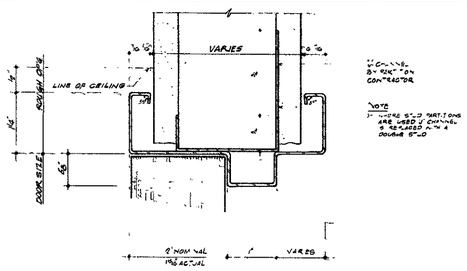


"C" CHANNEL BY PART. TION CONTRACTOR

NOTE
1. FOR DETAIL OF WALL AT STUD PARTITIONS SEE TYPICAL DOOR BUCK - FASTENING W STUD PARTITIONS DETAIL THIS DRAWING.

9 GAUGE, 1½ PSI, A 366, 9 DB LOCK 9 SC-31, 9 CLEARANCE SHAT -16-260 9 FUR. CLG. HANGERS 9 FUR. CLG. RUNNERS 9 CLIPS 9 PC. 16 GA. 9 THREAD SCREWS 9 PC. 16 GA.

TYPICAL JAMB AT GYP. PLANK PART'N.
SCALE 3"=1'-0"



"C" CHANNEL BY PART. TION CONTRACTOR

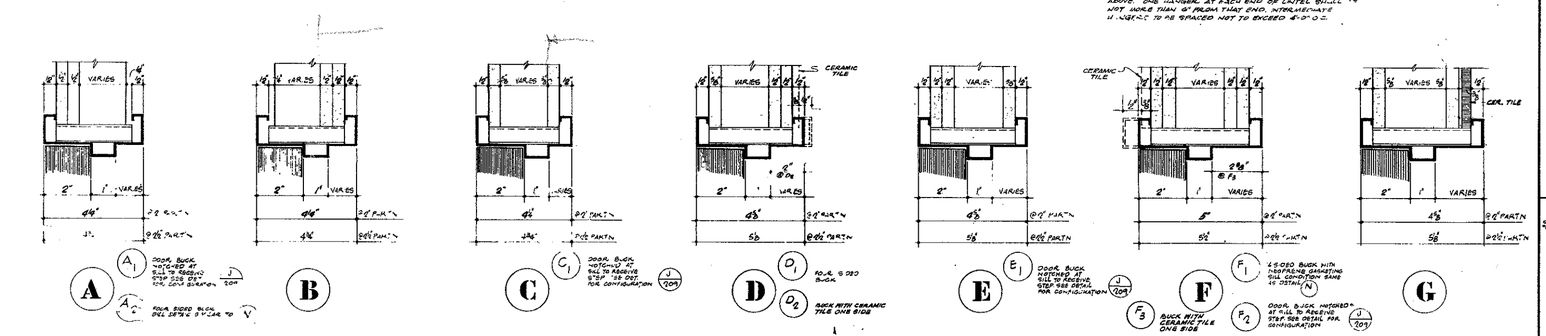
NOTE
1. WHERE 6'-0" PARTITIONS ARE USED 2 CHANNELS @ 16" O.C. USED IN A DOUBLE 6'-0"

TYPICAL HEAD AT GYP. PLANK PART'N.
SCALE 3"=1'-0"

HUNG LINTEL SCHEDULE

No.	SIZE	LENGTH	SECTION	WALL THICKNESS	BOTTOM ELEVATION	REMARKS
HL-1	8"x6"x⅜"	19'-11"	L	8"	+196'-0"	SECURE TO STEEL TRUSS
HL-2	6"x5"x⅜"	7'-11"	L	11'-0"	+ 9'-0"	HUNG FROM STEEL A-1 AT 5'HANGERS
HL-3	5"x5"x⅜"	7'-11"	L	11'-0"	+ 7'-0"	AS HL-2 FROM STEEL ABOVE & HANGERS
HL-4	5"x5"x⅜"	6'-5"	L	6'-0"	+ 7'-0"	HUNG FROM STEEL ABOVE & HANGERS
HL-5	5"x3½"x⅜"	9'-6"	L	5'-0"	+2611'8"	HUNG FROM SLAB ABOVE & HANGERS
HL-6	5"x3½"x⅜"	8'-6"	L	5'-0"	+2411'0"	HUNG FROM SLAB ABOVE & HANGERS
HL-7	5"x3½"x⅜"	8'-5"	L	1'-0"	+ 5'-0"	HUNG FROM STEEL ABOVE & HANGERS
HL-8	5"x3½"x⅜"	6'-5"	L	1'-0"	+ 6'-0"	HUNG FROM STEEL ABOVE & HANGERS
HL-9	5"x3½"x⅜"	6'-11"	L	1'-0"	+ 7'-0"	HUNG FROM STEEL ABOVE & HANGERS
HL-10	5"x3½"x⅜"	5'-11"	L	1'-0"	+ 8'-0"	HUNG FROM STEEL ABOVE & HANGERS
HL-11	5"x3½"x⅜"	5'-11"	L	1'-0"	+ 9'-0"	HUNG FROM STEEL ABOVE & HANGERS
HL-12	6"x6"x⅜"	5'-11"	L	8"	+ 9'-6"	HUNG FROM STEEL ABOVE CLIMBED TO SOFFIT AT JAMBS & HUNG FROM STEEL ABOVE
HL-13	6"x6"x⅜"	5'-11"	L	11'-0"	+ 8'-0"	HUNG FROM STEEL ABOVE & HANGERS.
HL-14	5"x3½"x⅜"	7'-11"	L	8"	+ 8'-6"	

NOTE:
1. ALL HUNG LINTELS ARE ½" SHORT OF OPENING AT EACH END
2. ALL HANGERS TO BE 6"x3"x¼" CLIPPED TO STEEL OR CLAMP ABOVE. ONE HANGER AT EACH END OF LINTEL SHALL BE NOT MORE THAN 6" FROM THAT END. INTERMEDIATE HANGERS TO BE SPACED NOT TO EXCEED 6'-0" O.C.



A1 DOOR, BUCK NOTCHED 2" TO BILL TO RECEIVE STEP 588 DETAIL FOR CONFIGURATION (J 209)

A2 SOLID CORE DOOR, SEE DETAIL 8 "A" CAR. TO (V)

C1 DOOR, BUCK NOTCHED 2" TO BILL TO RECEIVE STEP 588 DETAIL FOR CONFIGURATION (J 209)

D1 SOLID CORE DOOR

D2 BUCK WITH CERAMIC TILE ONE SIDE

E1 DOOR, BUCK NOTCHED AT SILL TO RECEIVE STEP 588 DETAIL FOR CONFIGURATION (J 209)

F1 45 DEG BUCK WITH NEOPRENE GASKETING SILL CONDITION SAME AS DETAIL (N)

F2 DOOR, BUCK NOTCHED AT SILL TO RECEIVE STEP 588 DETAIL FOR CONFIGURATION (J 209)

F3 BUCK WITH CERAMIC TILE ONE SIDE

K1 BUCK BOTH CERAMIC TILE BOTH SIDES

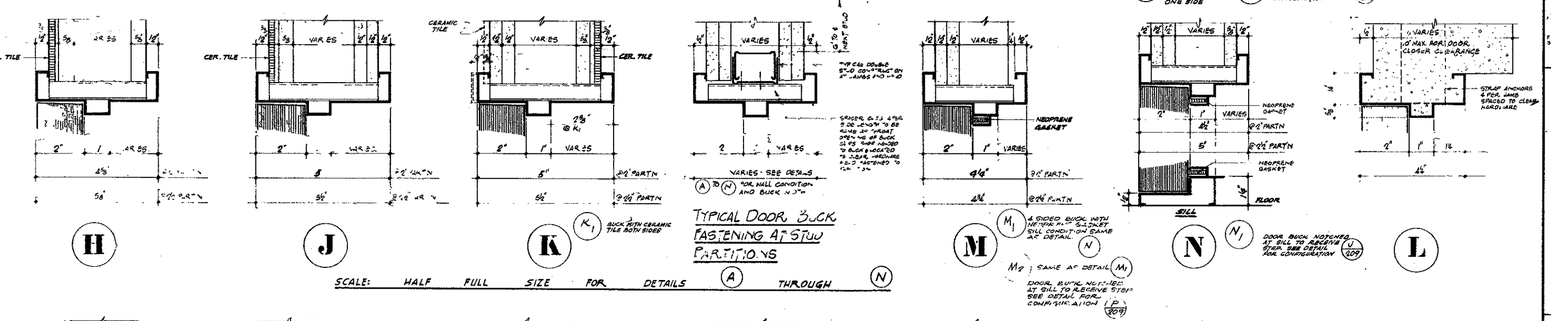
TYPICAL DOOR BUCK FASTENING AT STUD PARTITIONS

M1 4 SIDED BUCK WITH NEOPRENE GASKET SILL CONDITION SAME AS DETAIL (N)

M2 SAME AS DETAIL (M1) DOOR, BUCK NOTCHED AT SILL TO RECEIVE STEP. SEE DETAIL FOR CONFIGURATION (J 209)

N1 DOOR, BUCK NOTCHED AT SILL TO RECEIVE STEP. SEE DETAIL FOR CONFIGURATION (J 209)

SCALE: HALF FULL SIZE FOR DETAILS (A) THROUGH (N)



4 SIDED BUCK WITH NEOPRENE GASKET SILL AND GASKETING SAME AS DETAIL (Y)

NOTE FOR DETAILS 'R' THRU 'U'
GLAZED FACE CONCRETE BLOCK MASONRY UNITS SHALL BE USED IN LIEU OF FACING TILE AS INDICATED ON PLANS. THE TOTAL THICKNESS OF GLAZED MASONRY UNITS SHALL BE EQUAL TO TOTAL THICKNESS OF FACING TILE PLUS MASONRY BACK-UP.

4 SIDED VISION PANEL

TYPICAL DETAIL OF REINFORCED HEAD
NOTE:
SEE SCHEDULE OF BUCK AND REINFORCEMENT GAUGE FOR LOCATION

LEHMANN INSERT No. 360 C.S. MANUFACTURED BY LEHMANN-DERNARD INC. OR EQUAL (SAFE LOAD 1300 LBS)

⅝" Ø LIFTING RING FOR LOCATION SEE MISCL. & MECH. PLAN.

SCALE: 3"=1'-0" FOR DETAILS (P) THROUGH (Z)

SCHEDULE OF BUCK AND REINFORCEMENT GAUGES

DOOR SIZE	PARTITION THICKNESS	BUCK GAUGE	REINFORCEMENT GAUGE
UP TO 4'-0" *	2", 3", 4"	#16	SEE NOTE # 2
UP TO 5'-0" *	6"	#16	SEE NOTE # 2
3'-1" TO 4'-0"	6"	#16	#12
2'-0" TO 4'-0"	8"	#14	#12
4'-1" TO 6'-0"	2", 3", 4", 6", 8"	#14	#12

NOTES
1. ALL BUCK REINFORCEMENT AS SHOWN ON SCHEDULE ARE TO BE ONE PIECE JOINTS IN MASONRY PARTITIONS ONLY.
2. ALL DOOR BUCK THAT CARRY FACING TILE OR MARBLE TO HAVE #12 GAUGE REINFORCEMENT HEADS.
3. ALL DOORS 6'-1" OR LARGER AND ALL EXTERIOR DOORS TO HAVE ANGLE LINTELS
4. ALL DOOR BUCKS THAT CARRY PARTITION 8" OR MORE IN THICKNESS SHALL BE #14 GAUGE BUCKS WITH #12 GAUGE REINFORCEMENT.
5. DETAILS OF DOOR BUCKS ARE SHOWN FOR WIDTH OF BUCK AND WALL CONDITIONS ONLY. FOR ACTUAL DOOR LOCATION & SWING REFER TO PLANS.

LOOSE LINTEL SCHEDULE

NO.	SIZE	LENGTH	SECTION	WALL THICKNESS	NO.	SIZE	LENGTH	SECTION	WALL THICKNESS
L-1	8"x6"x⅝" 8"x6"x⅝"	6'4"	L	10"	L-8	6"x4"x⅝" 6"x4"x⅝"	5'-10"	JL	8"
L-2	8"x8"x⅝"	6'4"	L	G"	L-9	7"x5"x⅝" 7"x5"x⅝"	6'-0"	JL	8
L-3	5"x5"x⅝"	5'-10	L	G"	L-10	5"x5"x⅝"	5'-10"	L	6"
L-4	5"x5"x⅝"	4'-4"	L	G"	L-11	8"x6"x⅝" 8"x6"x⅝"	6'-4"	JL	1'-0"
L-5	8"x8"x⅝"	6'-1"	L	G"	L-12	8"x6"x⅝" 8"x6"x⅝"	6'-4"	JL	8"
L-6	5"x3½"x⅜" 5"x3½"x⅜"	5'-0"	JL	G"	L-13	5"x3½"x⅜" 5"x3½"x⅜"	5'-0"	JL	1'-0"
L-7	5"x3½"x⅜" 5"x3½"x⅜"	6'-4"	JL	8"	L-14	5"x3½"x⅜" 5"x3½"x⅜"	6'-4"	JL	8"
					L-15		8'-0"	JL	6"

BULLETINS NOT DATED ARE IN THE PROCESS OF PREPARATION

NO.	DATE	BUL. NO.	BY
		CONTRACT BID DRAWING date 8-1-66	
A	10-5-38	B-596	L.W.
A	9-26-73	B-595	L.H.
A	8-24-73	B-593	L.H.
A	8-8-73	B-619	L.C.
A	3-26-73	B-582	L.J.
A	8-8-72	B-468	L.C.
A	8-4-72	B-461	L.J.
A	10-11-72	B-200	L.C.
A	8-28-71	D-11	D.G.
A	1-28-71	B-84	L.H.
A	1-28-71	B-165	L.W.
A	1-28-71	B-165	L.W.

NO.	DATE	BUL. NO.	BY
	11-26-70	B-72	D.G.
A	8-24-70	B-39	L.J.
A	8-13-70	B-40	A.M.
A	9-29-69	B-89	P.G.
A	9-29-69	B-12	R.K.
A	9-29-69	B-8	R.K.
A	9-29-69	B-7	R.K.
A	11-1-68	B-5	R.K.
A	11-1-68	B-1	J.V.L.

REVISIONS REVISIONS REVISIONS

APPROVED

CHIEF, PLANNING DIVISION

DATE

REGISTERED ARCHITECT STATE OF NEW YORK NO. 31,031

THE WORLD TRADE CENTER
THE PORT OF NEW YORK AUTHORITY

MINORU YAMASAKI & ASSOCIATES
MINORU YAMASAKI, ARCHITECT

WORTHINGTON, SKILLING, HELLE & JACKSON
STRUCTURAL ENGINEERS

JOSEPH R. LORING & ASSOCIATES
ELECTRICAL ENGINEERS

EMERY ROTH & SONS
RICHARD ROTH, ARCHITECT

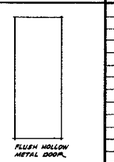
JAROS, BAUM & BOLLES
MECHANICAL ENGINEERS

THE PORT OF NEW YORK AUTHORITY
PAVING, UTILITIES, FOUNDATIONS

TITLE: DOOR BUCK DETAILS & DOOR SCHEDULE

DRAWN		CHECKED	
SCALE	AS NOTED	DATE	7-31-67
PROJECT NUMBER		SHEET	OF
DRAWING NUMBER	A·B·6		

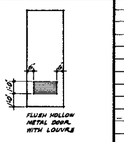
ELEVATION



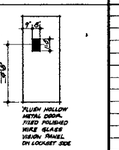


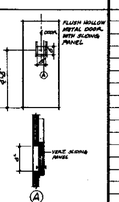
2 - FLUSH HOLLOW METAL DOORS

NOTES:
1. DOOR SIZE SHOWN AT LEFT IS NOMINAL DIMENSION OF EACH LEAF AND DOES NOT INCLUDE CLEARANCES AS SHOWN ON SHOP DRAWINGS.
2. SEE SHOP DRAWINGS FOR FITTING, SHAPE AND SIZE OF STEEL SHEET PANELS AND CHECKED FOR SAME BEFORE FABRICATION.



NOTES
1. ALL TOILET DOORS TO HAVE 20" WIDE X 24" HIGH 80% FREE AREA LOUVER AND 3/4" UNDERCUT.





3'-0" MIN. WIDTH

TYPE NO	SIZE WIDTH	SIZE HEIGHT	SIZE THICKNESS	F.S.S.C.	F.R.	1½ HR. LABEL	3 HR. LABEL CLASS 'B' UNDERWTR. APPR.	4 SIDED BUCK	NEOPRENE GASKET	AUTOMATIC DROP SEAL	180° SWING	2" LOUVRE MAXIMUM	3 HR. FIRE RATED	REMARKS
A-1	2'-6"	7'-0"	1¾"	•	•				•					
A-2	3'-0"	7'-0"	1¾"	•	•				•					
A-3	3'-0"	7'-0"	1¾"	•	•									
A-4	3'-0"	7'-0"	1¾"	•	•									
A-5	3'-0"	7'-0"	1¾"	•	•									
A-6	3'-0"	7'-0"	1¾"	•	•				•					
A-7	3'-9"	7'-0"	1¾"	•	•									
A-8	3'-9"	7'-0"	1¾"	•	•				•	•				
A-9	3'-0"	7'-10¾"	1¾"	•	•									
A-10	3'-0"	7'-10¾"	1¾"	•	•									
A-11	3'-0"	7'-10¾"	1¾"	•	•						•			
A-12	3'-0"	7'-10¾"	1¾"	•	•									
A-13	3'-0"	7'-10¾"	1¾"	•	•				•	•				
A-14	3'-9"	7'-10¾"	1¾"	•	•									
A-15	3'-9"	7'-10¾"	1¾"	•	•				•	•				
A-16	3'-9"	8'-2¾"	1¾"	•	•									
A-17	3'-0"	8'-2¾"	1¾"	•	•									
A-18	3'-0"	8'-2¾"	1¾"	•	•						•			
A-19	3'-0"	9'-0⅝"	1¾"	•	•									
A-20	2'-0"	7'-0"	1¾"	•	•				•	•				
A-21	2'-6"	7'-10¾"	1¾"	•	•				•	•				
A-22	2'-0"	6'-0"	1¾"	•	•				•	•				
A-23 *	3'-0"	7'-0"	1¾"	•	•				•	•				
A-24 *	2'-0"	7'-0"	1¾"	•	•				•	•				
A-25	2'-6"	7'-0"	1¾"	•	•									
A-26	2'-6"	7'-10¾"	1¾"	•	•									
A-27 *	3'-0"	7'-0"	1¾"	•	•				•	•				
B-1	5'-0"	7'-0"	1¾"	•	•				•	•				
B-2 ⅜	5'-0"	7'-0"	1¾"	•	•									
B-3	5'-0"	7'-10¾"	1¾"	•	•									
B-4	5'-0"	7'-10¾"	1¾"	•	•									
B-5	5'-0"	8'-2¾"	1¾"	•	•									
B-6	5'-0"	8'-2¾"	1¾"	•	•									
B-7	6'-0"	7'-0"	1¾"	•	•									
B-8	6'-0"	7'-0"	1¾"	•	•									
B-9	5'-0"	11'-0⅜"	1¾"	•	•									
B-10	5'-0"	9'-0⅝"	1¾"	•	•									
B-11	6'-0"	7'-0"	1¾"	•	•									
B-12	6'-0"	8'-0"	1¾"	•	•									
B-13 *	4'-0"	7'-10¾"	1¾"	•	•									# 18" H.M. DOOR FRAME - CONCEALED OVERHEAD DOOR CLOSER - FLUSH DOOR PULLS.
C-1	2'-6"	7'-0"	1¾"	•	•									
C-2	3'-0"	7'-0"	1¾"	•	•						•			
C-3	2'-6"	7'-10¾"	1¾"	•	•									
C-4	3'-0"	7'-10¾"	1¾"	•	•									
C-5	3'-0"	7'-10¾"	1¾"	•	•					•				
C-6	3'-9"	7'-10¾"	1¾"	•	•					•				
C-7	3'-0"	7'-10¾"	1¾"	•	•					•	•			
C-8	2'-6"	7'-10¾"	1¾"	•	•					•				
C-9	2'-6"	8'-2¾"	1¾"	•	•					•	•			
C-10	2'-6"	6'-0"	1¾"	•	•									
C-11	2'-6"	7'-10¾"	1¾"	•	•									
C-12	2'-3"	7'-0"	1¾"	•	•									
C-13	2'-6"	7'-0"	1¾"	•	•									
C-14	3'-0"	7'-10¾"	1¾"	•	•									
C-15	2'-6"	7'-0"	1¾"	•	•									
C-16	3'-0"	7'-0"	1¾"	•	•						•			
C-17	3'-0"	8'-2¾"	1¾"	•	•									
C-18	2'-6"	7'-0"	1¾"	•	•						•			
C-19	2'-6"	7'-0"	1¾"	•	•									* OMIT 180° SWING AT TOILETS.
D-1	3'-0"	7'-0"	1¾"	•	•									
D-2	3'-0"	7'-0"	1¾"	•	•									NO VISION PANEL
D-3	3'-0"	7'-0"	1¾"	•	•									
E-1	3'-0"	7'-0"	1¾"	•	•									
E-2	3'-9"	7'-0"	1¾"	•	•									
X-1 *														* SEE CURTAIN WALL CONTRACT
X-2 *	3'-9"	7'-5"	1¾"	•	•									* SEE CONCOURSE LOBBY DETAILS FOR BUCKS & FIN.
X-3 *	3'-0"	9'-0¼"	1⅜											* SEE SKYLOBBY DETAILS FOR DOOR, BUCKS & FIN.
X-4 *	5'-0"	9'-0⅛"	1⅜"											* SEE SKYLOBBY DETAILS FOR DOOR, BUCKS & FIN.
X-5 *	6'-8"	9'-0¼"	1⅜"											* SEE SKYLOBBY DETAILS FOR DOOR, BUCKS & FIN.
X-6 *	5'-0"	8'-2¾"	1¾"											* SEE SKYLOBBY DETAILS FOR DOOR, BUCKS & FIN.
X-7 *	—	—	—											* SEE MAIN LOBBY & PLAZA LEVEL DET. FOR BUCKS & FIN.
X-8 *	—	—	—											
X-9 *	—	—	—											