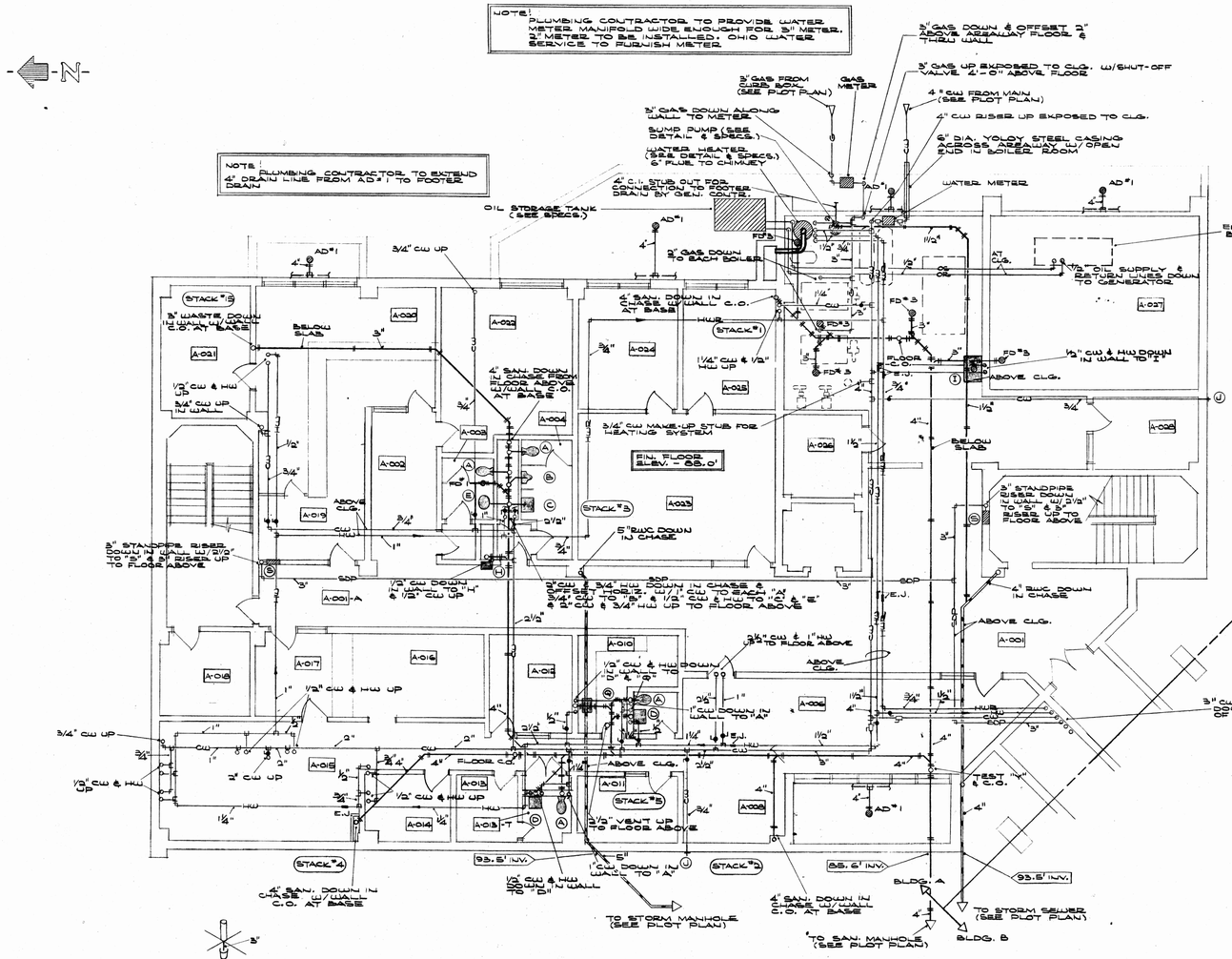
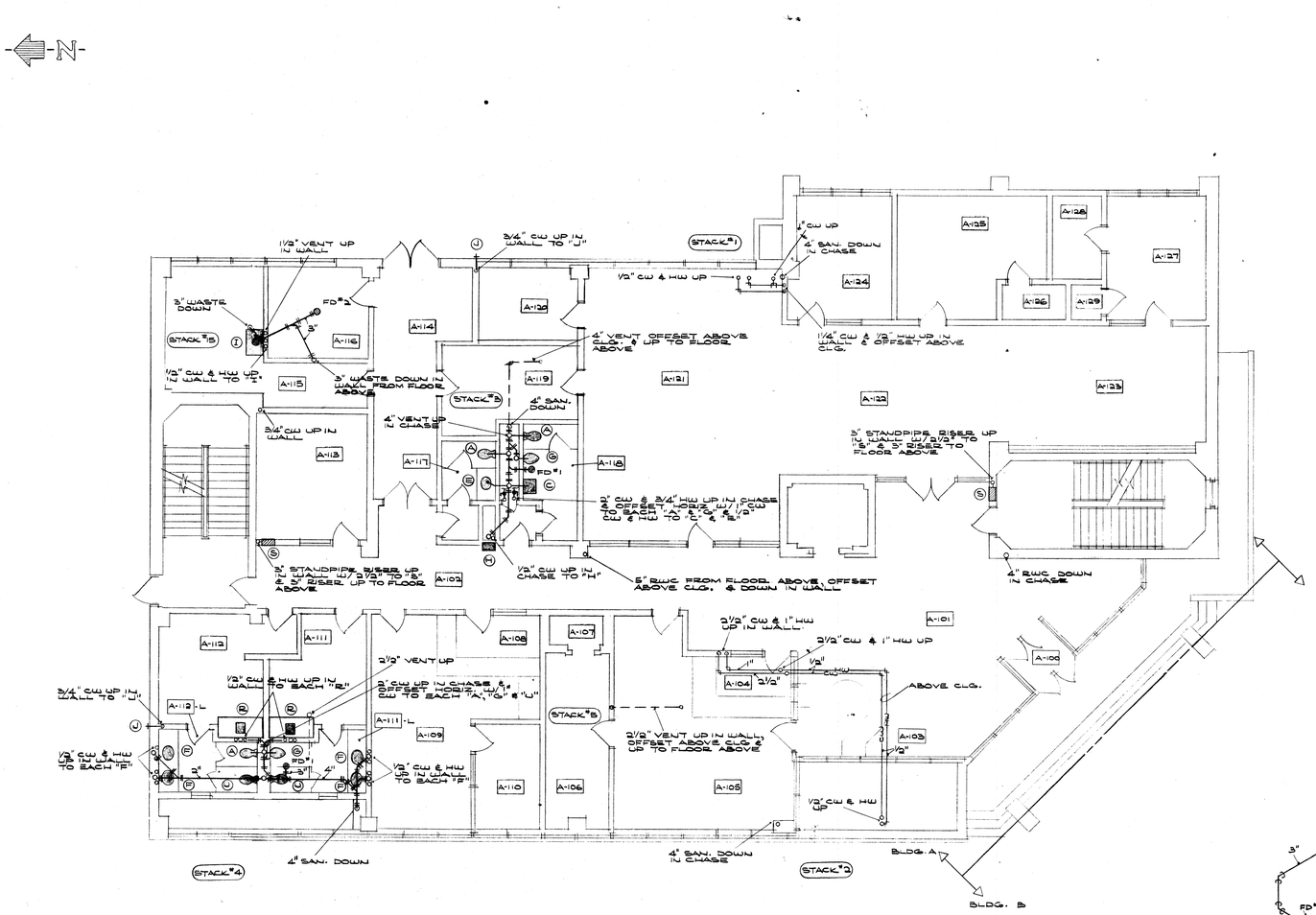
NOTE!
PLUMBING CONTRACTOR TO PROVIDE WATER METER MANIFOLD WIDE ENOUGH FOR 3" METER. 2" METER TO BE INSTALLED. OHIO WATER SERVICE TO FURNISH METER.

NOTE!
PLUMBING CONTRACTOR TO EXTEND 4" DRAIN LINE FROM AD#1 TO FOOTER DRAIN

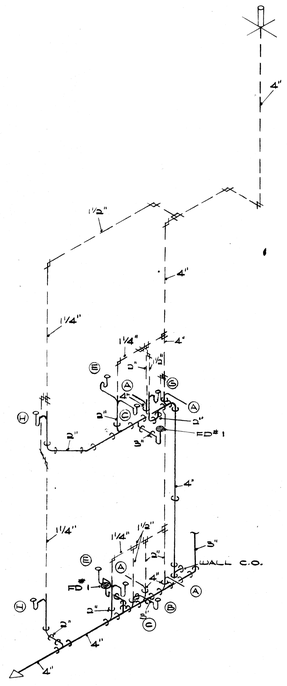
* NOTE!
MOUNTING HEIGHT OF FIXTURE "J" SHOWER HEAD TO BE 6'-0" IN B-155 AND B-6" IN ROOM B-155-S


3" GAS DOWN & OFFSET 2" ABOVE MEZANINE FLOOR & THRU WALL
3" GAS UP EXPOSED TO CLG. W/SHUT-OFF VALVE 4'-0" ABOVE FLOOR
3" GAS FROM CURB BOX (SEE PLOT PLAN)
GAS METER
4" CW FROM MAIN (SEE PLOT PLAN)
3" GAS DOWN ALONG WALL TO METER
4" CW RISER UP EXPOSED TO CLG.
SUMP PUMP (SEE DETAIL & SPECS.)
6" DIA. "VOLCY" STEEL CASING ACROSS DRIVEWAY W/ OPEN END IN BOILER ROOM
HEATER (S.E.E. DETAIL & SPECS.)
6" FLUE TO CHIMNEY
WATER METER
4" C.I. STUB OUT FOR CONNECTION TO FOOTER DRAIN BY GEN. CONTR.
OIL STORAGE TANK (SEE SPECS.)
EMERG. GENERATOR BY OTHERS
3" GAS DOWN TO EACH BOILER
SUPPLY & RETURN LINES DOWN TO GENERATOR
3/4" CW MAKE-UP STUB FOR HEATING SYSTEM
F.H. FLOOR ELEV. = 88.0'
3" STANDPIPE RISER DOWN IN WALL W/3/4" CW & 3/4" HW DOWN TO 3" & 1" CW & HW UP TO FLOOR ABOVE
3" CW, 3/4" HW DOWN IN CHASE & 3/4" CW & HW UP TO "B" & 1" CW & HW UP TO FLOOR ABOVE
3" CW, 1 1/2" HW DOWN IN CHASE & 3/4" HWR & 3" STANDPIPE UP TO "E" & 1" CW & 3/4" HW UP TO FLOOR ABOVE
3" CW, 1 1/2" HW DOWN IN CHASE & 3/4" HWR & 3" STANDPIPE UP TO "J" & 1" CW & 3/4" HW UP TO FLOOR ABOVE
3" CW, 1 1/2" HW DOWN IN CHASE & 3/4" HWR & 3" STANDPIPE UP TO "I" & 1" CW & 3/4" HW UP TO FLOOR ABOVE
3" CW, 1 1/2" HW DOWN IN CHASE & 3/4" HWR & 3" STANDPIPE UP TO "J

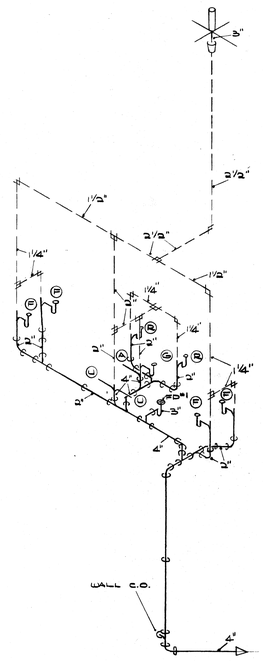
REVISIONS
12 MAR 74
A-120 9119 WALL
EAST 2'-0"

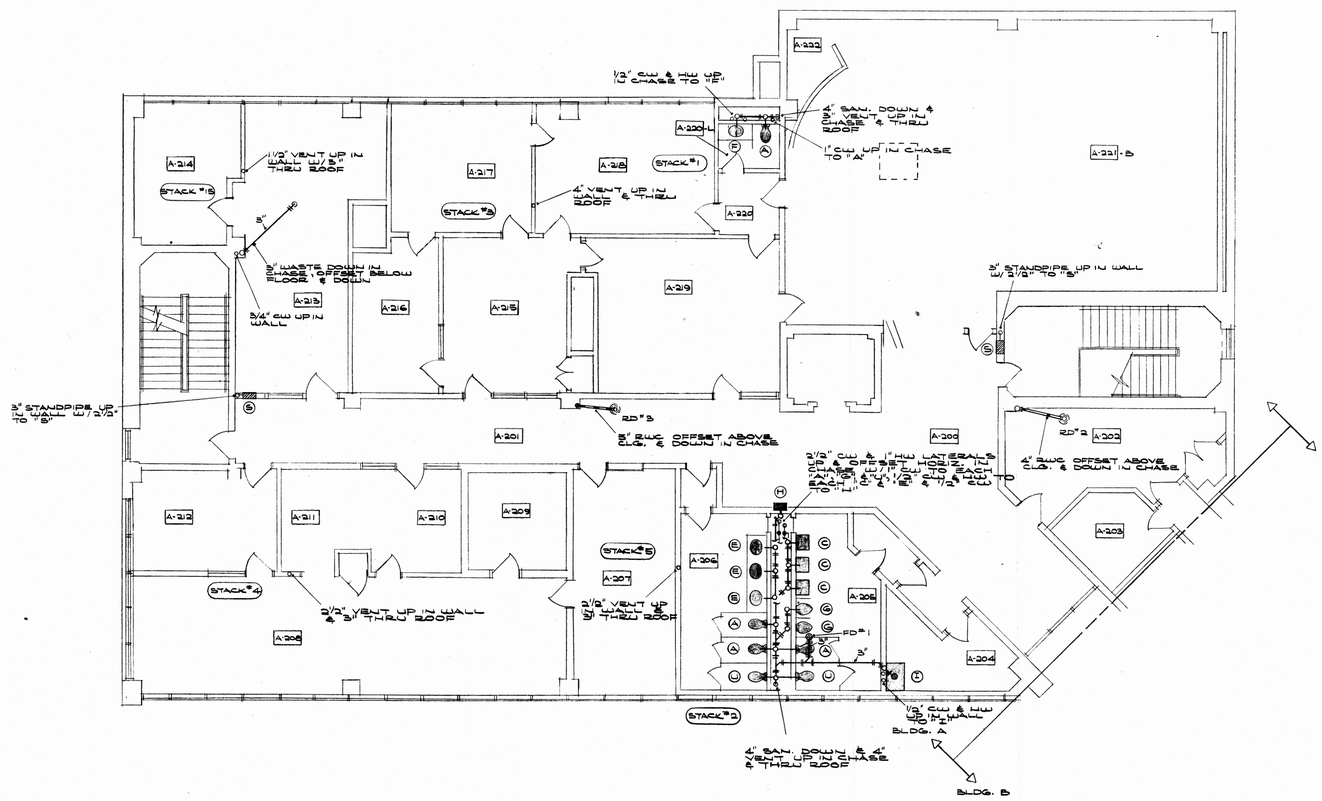


Street Level Floor Plan - Bldg. A
SCALE 1/8" = 1'-0"

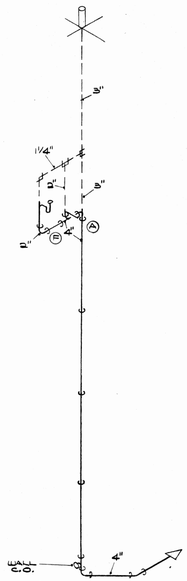


Stack 3
NO SCALE

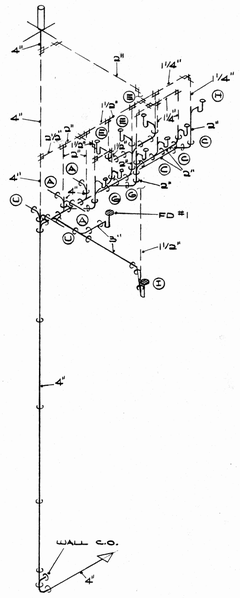

3"
2½"
1½"
2½"
1¼"
1½"
1¼"
2"
2"
2



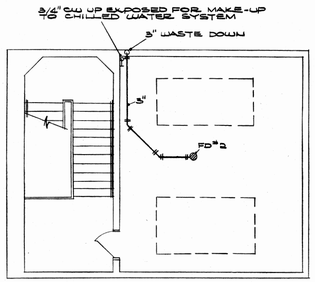
Upper Level Floor Plan - Bldg. A
SCALE 1/8" = 1'-0"



Stack 1
NO SCALE

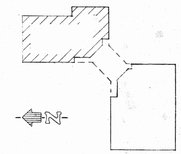


Stack 2
NO SCALE



Penthouse Floor Plan - Bldg. A
SCALE 1/8" = 1'-0"

Plumbing



key plan

SEE ARCHITECTURAL DETAILS FOR EXACT LOCATIONS AND DIMENSIONS OF EQUIPMENT, FIXTURES, OPENINGS, AND OUTLETS

STATE OF OHIO
PAUL M. STUDER
REGISTERED
PROFESSIONAL ENGINEER

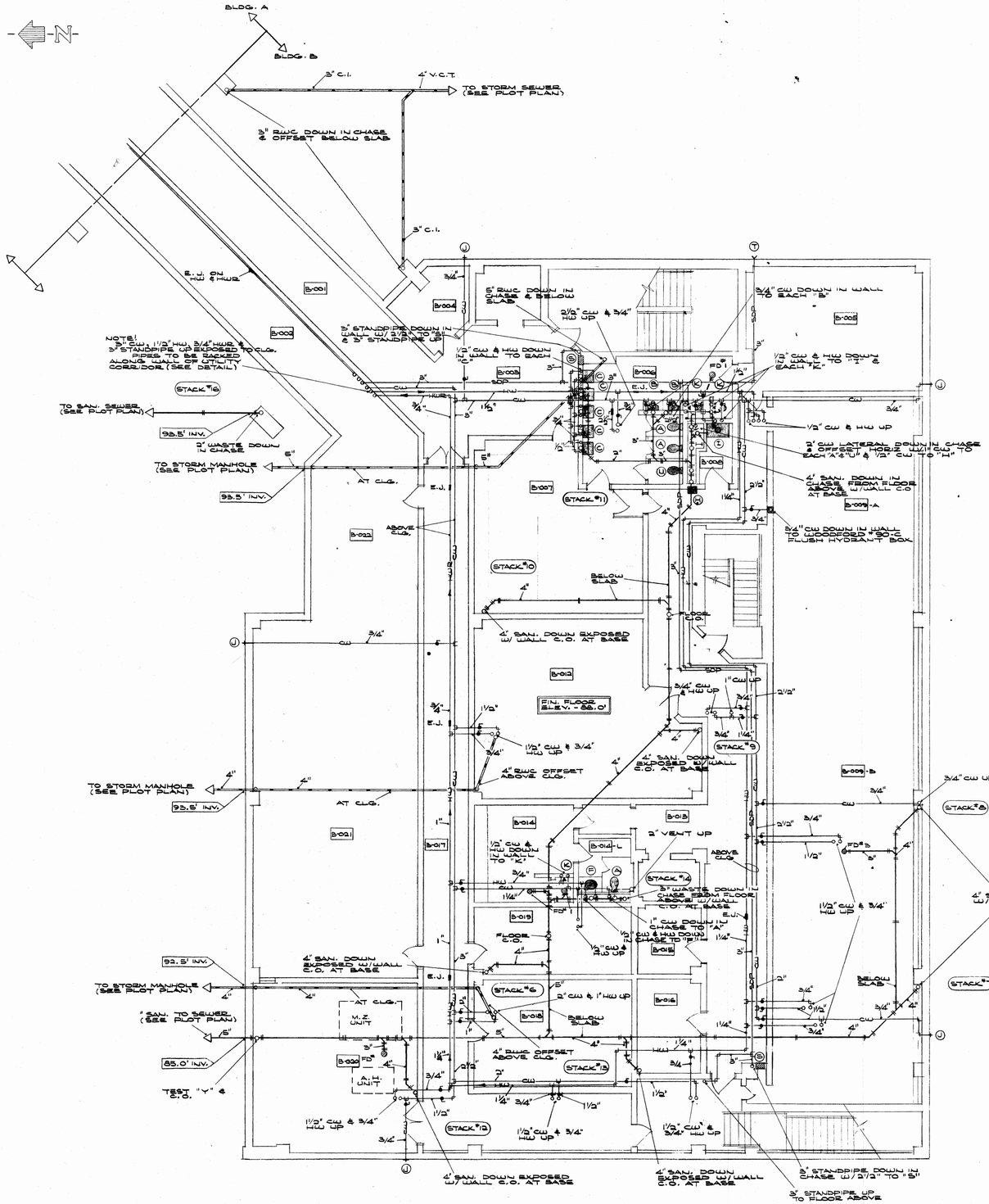
STATE OF OHIO
MALLALIEU 1820
ROSS 1772
ROBERTS 2123
DOLL 2922
REGISTERED ARCHITECTS

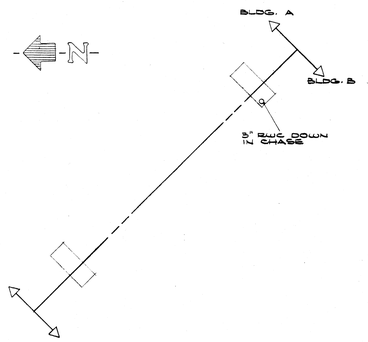
MUNICIPAL GOVERNMENT CENTER
MASSILLON, OHIO

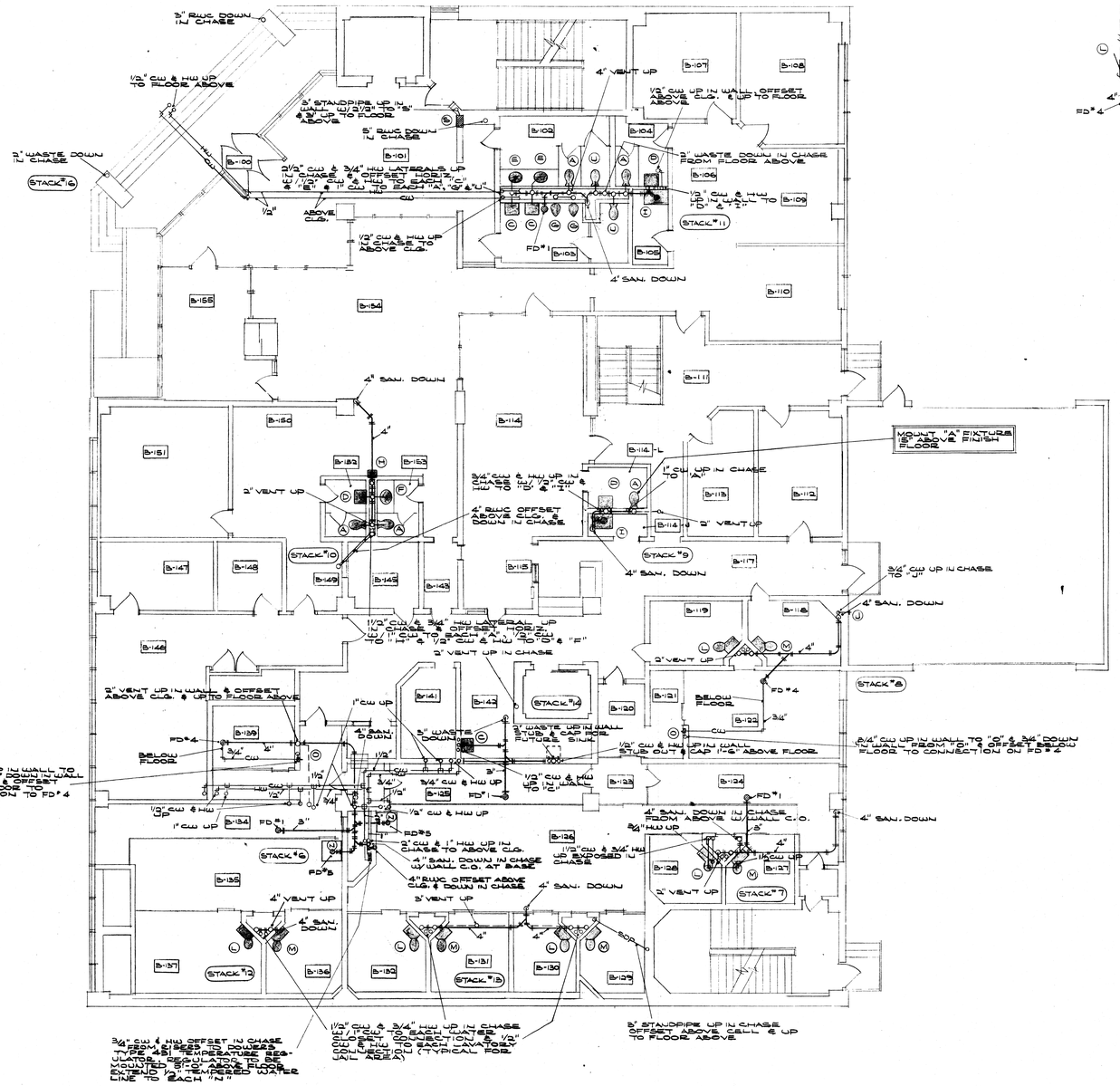
MALLALIEU
ROSS
ROBERTS
DOLL
Architects
AKRON · MASSILLON OHIO
MEMBER OF THE AMERICAN INSTITUTE OF AIA ARCHITECTS

COMM. 7117
DATE 4-4-74
SHEET 57
P37

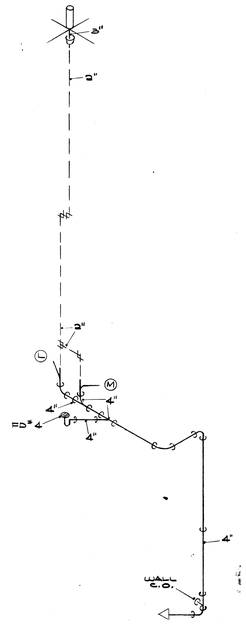
OCE' ELLIOTT, INC.


BLDG. A
BLDG. B
3" C.I.
4" V.C.T.
TO STORM SEWER (SEE PLOT PLAN)
3" RWC DOWN IN CHASE & OFFSET BELOW SLAB
3" C.I.
E.J. IN FLOOR
B-001
B-004
B-005
B-002
NOTE! 3" CW, 1 1/2" HW, 3/4" HWR & 3" STANDPIPE UP EXPOSED TO CLG. PIPES TO BE BACKED ALONG FULL TOP UTILITY CORRIDOR (SEE DETAIL)
STACK #16
TO SAN. SEWER (SEE PLOT PLAN)
93.5' INV.
3" WASTE DOWN IN CHASE
TO STORM MANHOLE (SEE PLOT PLAN)
93.5' INV.
AT CLG.
E.J.
B-007
STACK #11
B-009-A
B-003
ABOVE CLG.
STACK #10
BELOW SLAB
4" SAN. DOWN EXPOSED W/ WALL C.O. AT BASE
B-013
F.N. FLOOR ELEV. - 88.0'
E.J.
4" RWC OFFSET ABOVE CLG.
4" SAN. DOWN EXPOSED W/ WALL C.O. AT BASE
STACK #9
B-009-B
TO STORM MANHOLE (SEE PLOT PLAN)
93.5' INV.
AT CLG.
B-001
B-014
B-013
B-017
B-014-L
2" VENT UP
ABOVE CLG.
STACK #14
3" WASTE DOWN CHASE FROM FLOOR ABOVE W/ WALL C.O. AT BASE
B-019
FLOOR C.O.
B-015
92.5' INV.
TO STORM MANHOLE (SEE PLOT PLAN)
4" SAN. DOWN EXPOSED W/ WALL C.O. AT BASE
E.J.
STACK #6
2" CW & 1" HW UP
B-016
BELOW SLAB
4" SAN. TO SEWER (SEE PLOT PLAN)
85.0' INV.
TEST "Y" & C.O.
M.E. UNIT
A.H. UNIT
B-020
4" RWC OFFSET ABOVE CLG.
STACK #15
STACK #12
4" SAN. DOWN EXPOSED W/ WALL C.O. AT BASE
4" SAN. DOWN EXPOSED W/ WALL C.O. AT BASE
3" STANDPIPE UP TO FLOOR ABOVE
3" STANDPIPE DOWN IN CHASE W/ 2 1/2" TO "S"
4" SAN. DOWN EXPOSED W/ WALL C.O. AT BASE
STACK #8
STACK #7
3/4" CW DOWN IN WALL TO EACH "B"
1/2" CW & HW DOWN IN CHASE TO EACH "A"
1/2" CW & HW UP TO EACH "A"
1/2" CW & 3/4" HW UP
1" CW UP
3/4" CW & HW UP
2 1/2" CW & 3/4" HW UP
1/2" CW & 3/4" HW UP
1/2" CW & 3/4" HW UP

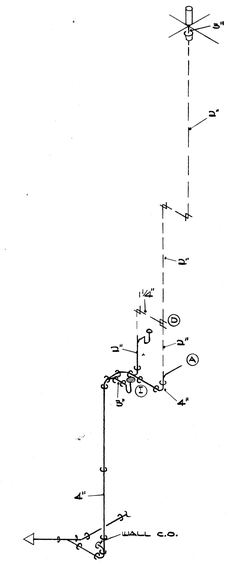




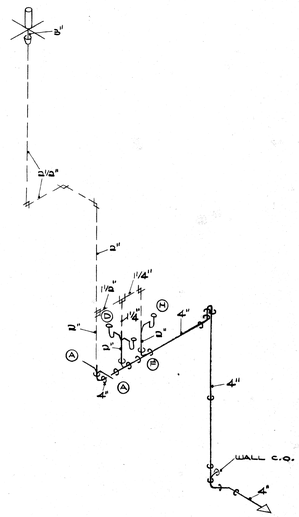
Street Level Floor Plan - Bldg. B
SCALE 1/8" = 1'-0"



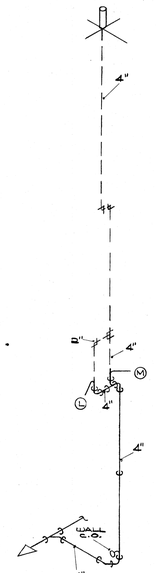
Stack 8
NO SCALE



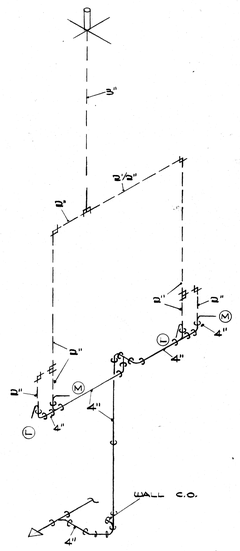
Stack 9
NO SCALE



Stack 10
NO SCALE

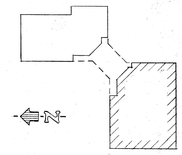


Stack 12
NO SCALE



Stack 13
NO SCALE

Plumbing



key plan

SEE ARCHITECTURAL DETAILS FOR EXACT LOCATIONS AND DIMENSIONS OF EQUIPMENT, FIXTURES, OPENINGS, AND OUTLETS

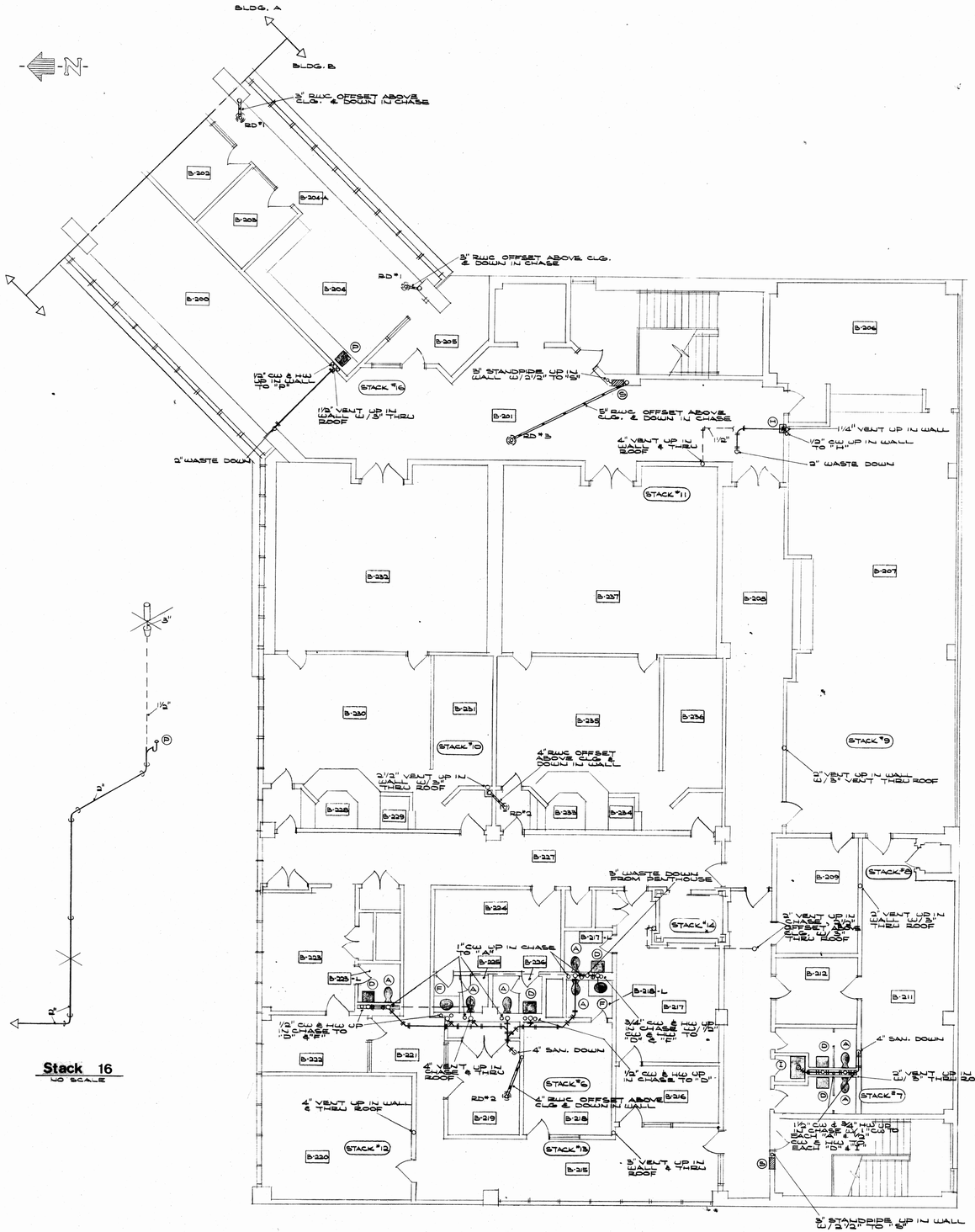
PAUL M. STUDER 17791 REGISTERED PROFESSIONAL ENGINEER
STATE OF OHIO REGISTERED ARCHITECTS
MALLALIEU 1223 ROSS 1772 ROBERTS 2123 DOLL 2922

MUNICIPAL GOVERNMENT CENTER MASSILLON, OHIO

MALLALIEU
ROSS
ROBERTS
DOLL
AKRON · MASSILLON OHIO
MEMBER OF THE AMERICAN INSTITUTE OF ARCHITECTS
Architects AIA

COMM.	7117
DATE	4-4-74
SHEET	59
	P57

OCE' ELLIOTT. INC.

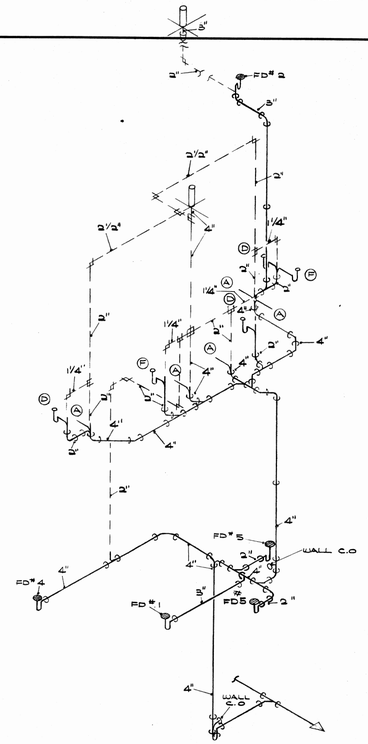


Upper Level Floor Plan - Bldg. B

SCALE 1/8" = 1'-0"

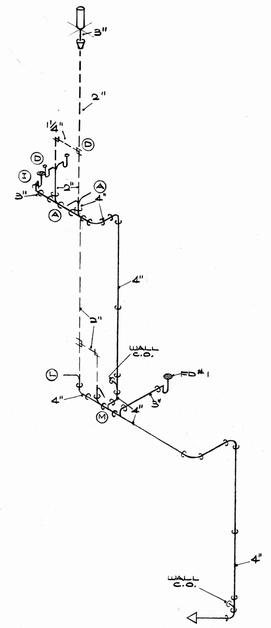
Stack 16

NO SCALE



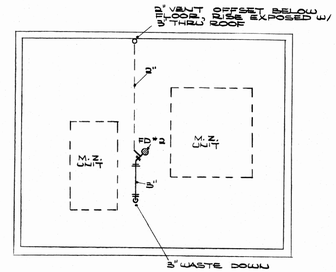
Stack 6

NO SCALE



Stack 7

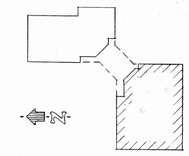
NO SCALE



Penthouse Floor Plan - Bldg. B

SCALE 1/8" = 1'-0"

Plumbing



key plan

SEE ARCHITECTURAL DETAILS FOR EXACT LOCATIONS AND DIMENSIONS OF EQUIPMENT, FIXTURES, OPENINGS, AND OUTLETS

STATE OF OHIO PAUL M. STUDER 27791 REGISTERED PROFESSIONAL ENGINEER

STATE OF OHIO MALLALIEU 1220 ROSS 1772 ROBERTS 2123 DOLL 2922 REGISTERED ARCHITECTS

MUNICIPAL GOVERNMENT CENTER MASSILLON, OHIO

MALLALIEU
ROSS
ROBERTS
DOLL

Architects AIA

AKRON · MASSILLON OHIO

MEMBER OF THE AMERICAN INSTITUTE OF ARCHITECTS

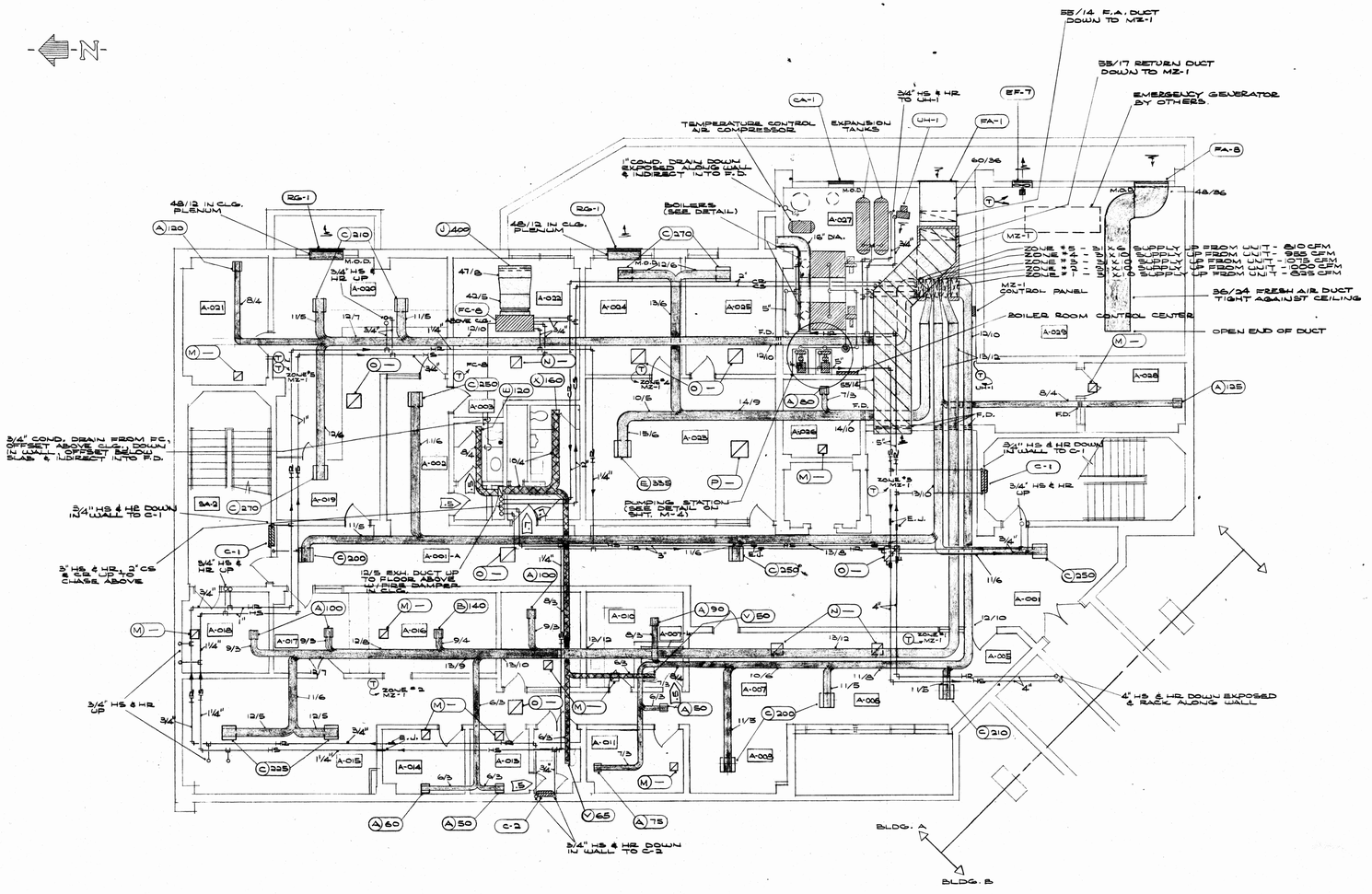
COMM. 7117

DATE 4-4-74

SHEET 60

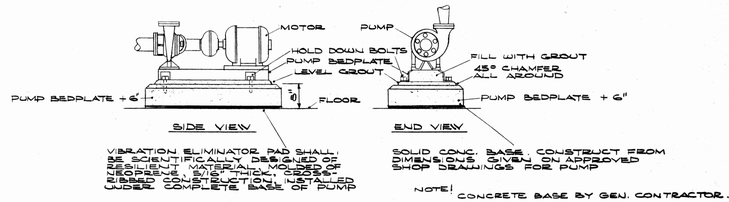
P67

OCE' ELLIOTT, INC.



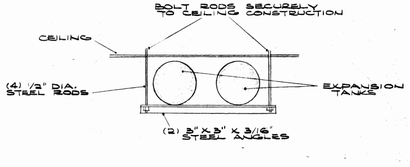
Lower Level Floor Plan - Bldg. A

SCALE 1/8" = 1'-0"



Pump Base Detail

NO SCALE



Expansion Tanks Mounting Detail

NO SCALE

NOTE!
EXTEND 1 1/4" TYPE "L" COPPER CONDENSATE DRAIN LINES FROM MZ-1, 3, 4, 5 & 6 TO FLOOR DRAINS WHICH CONNECT TO PLUMBING DRAINAGE SYSTEM DIRECT OR INDIRECT.
EXTEND 1 1/4" TYPE "L" COPPER COND. DRAIN LINE FROM AC-1 AS SHOWN ON DRAWINGS.
EXTEND 3/4" TYPE "L" COPPER COND. DRAIN LINE FROM ALL FC FAN COIL UNITS AS SHOWN ON DRAWINGS.

NOTE! VERIFY EXACT LOCATION OF ALL CEILING DIFFUSERS WITH REFLECTED CEILING PLAN BY CHECKED (A) YOUR ANY CONFLICTS TO BE CHECKED (B) ARCHITECT FOR LOCATION.

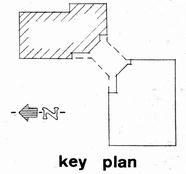
NOTE!
CAREFULLY COORDINATE ALL WORK WITH PLUMBING AND ELECTRICAL CONTRACTORS TO AVOID CONFLICT WITH PIPING, LIGHTING AND OTHER EQUIPMENT.

THE CONTRACTOR SHALL CHECK ALL DIMENSIONS AND CONDITIONS AT THE JOB SITE BEFORE ORDERING ANY MATERIALS OR EQUIPMENT AND SHALL BE RESPONSIBLE FOR THE CORRECTNESS OF SAME. NO PLEA WHEN ANY DIFFICULTY ARISES DUE TO DIMENSIONS OR CONDITIONS WILL BE ACCEPTED.

Legend

SYMBOL	DESCRIPTION
HS	HEATING SUPPLY PIPE
HR	HEATING RETURN PIPE
CS	COOLING SUPPLY PIPE
CR	COOLING RETURN PIPE
	BALL VALVE
	BALANCING COCK
	BUTTERFLY VALVE
	EXPANSION JOINT
B-1	BOILER
CH-1	CABINET HEATER
FT-1	FINNED TUBE RADIATION
EF-1	EXHAUST FAN
AC-1	AIR CONDITIONING UNIT
UH-1	UNIT HEATER
A 100	GRILLE SYMBOL & CFM
LS	LOUVER BY OTHERS w/ SQ. FT. OF FREE AREA AS SHOWN
T	THERMOSTAT
T(N)	THERMOSTAT (NIGHT)
E.J.	EXPANSION JOINT
RC-1	ROOM CONDITIONING UNIT
	BALANCING DAMPER
	TURNING VANES
	SUPPLY DUCT
	RETURN DUCT
	EXHAUST DUCT

Mechanical



key plan

PAUL M. SNYDER 7371 REGISTERED ENGINEER

STATE OF OHIO MALLALIEU 1220 ROSS 1772 ROBERTS 2125 DOLL 2922 REGISTERED ARCHITECTS

MUNICIPAL GOVERNMENT CENTER
MASSILLON, OHIO

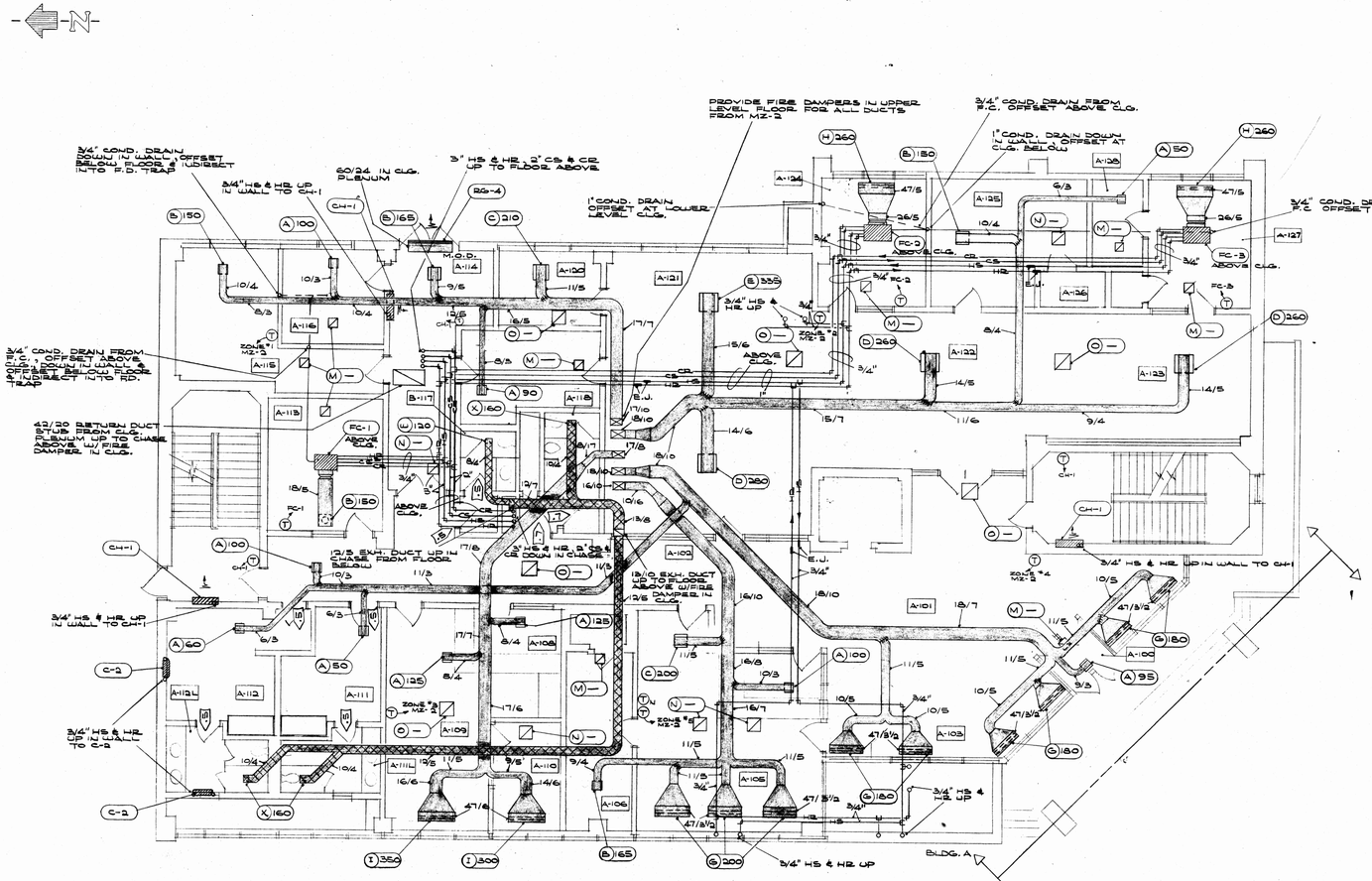
MALLALIEU
ROSS
ROBERTS
DOLL
AKRON - MASSILLON OHIO
MEMBER OF THE AMERICAN INSTITUTE OF AIA ARCHITECTS

Architects

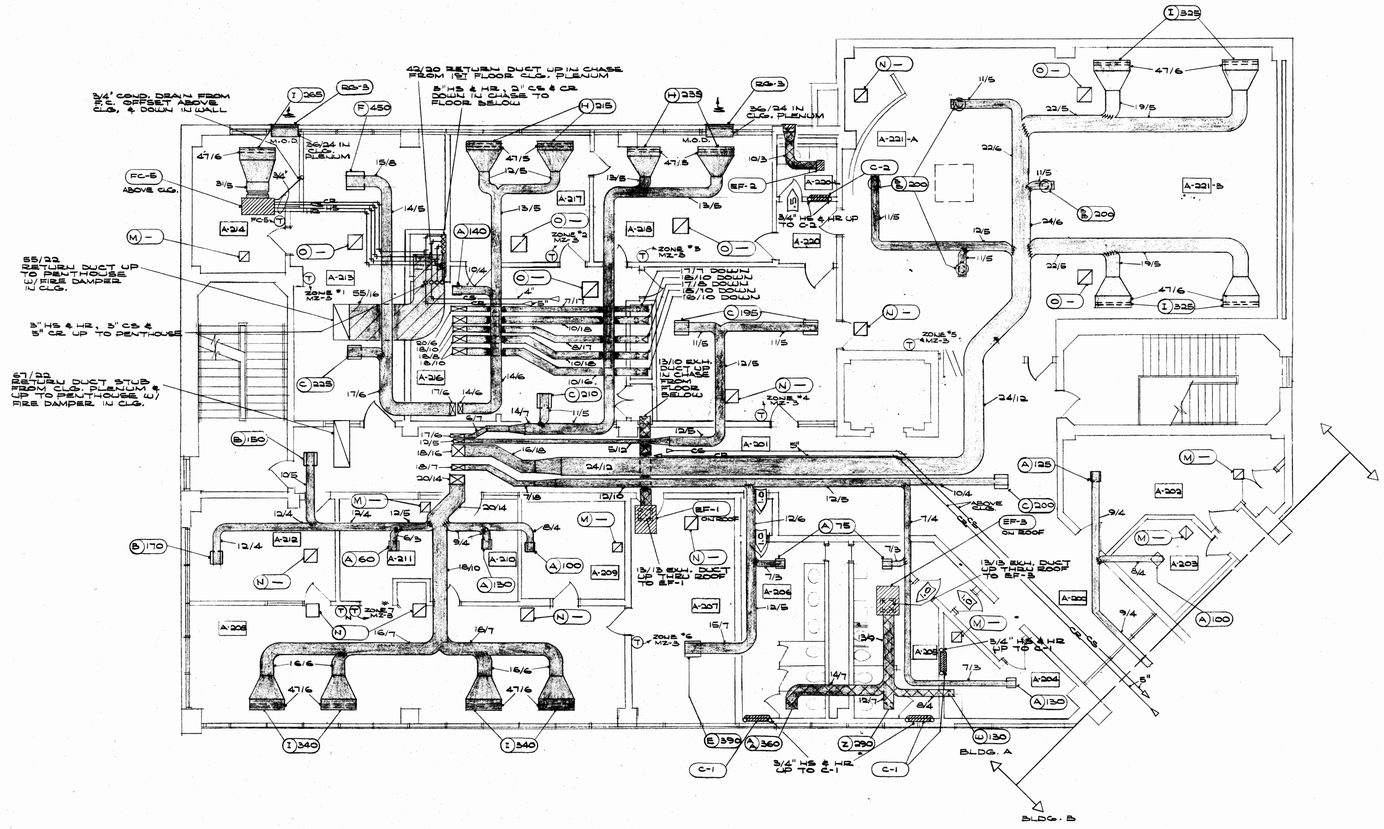
COMM. 7117
DATE 4-4-74
SHEET 61
M18

OCE' ELLIOTT, INC.

REVISIONS
BLDG 'A'
1. ADD HEATING & COOLING TO CH-1
2. ADD EF-6 & EF-7
3. ADD EF-8

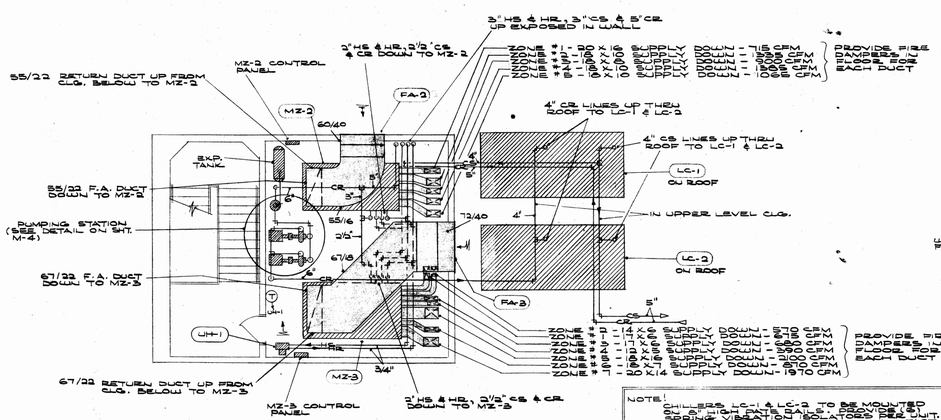

PROVIDE FIRE DAMPERS IN UPPER LEVEL FLOOR FROM MZ-2 FOR ALL DUCTS
3/4" COND. DRAIN DOWN IN WALL OFFSET BELOW FLOOR & OFFSET INTO F.D. TRAP
3/4" H.S. & H.R. UP IN WALL TO CH-1
60/24 IN CLG. PLENUM
3" H.S. & H.R. 2" C.S. & C.R. UP TO FLOOR ABOVE
1" COND. DRAIN OFFSET AT LOWER LEVEL CLG.
1" COND. DRAIN DOWN IN WALL OFFSET AT CLG. BELOW
3/4" COND. DRAIN FROM F.C. OFFSET ABOVE CLG.
3/4" COND. DRAIN FROM F.C. OFFSET ABOVE FLOOR & DOWN IN WALL & OFFSET INTO F.D. TRAP
42/20 RETURN DUCT STUB FROM CLG. ABOVE DOWN TO CHASE ABOVE DAMPER IN FIELD
12/8 EXH. DUCT UP TO CHASE ABOVE
12/8 EXH. DUCT UP TO FLOOR ABOVE W/FIRE DAMPER IN CLG.
3/4" H.S. & H.R. UP IN WALL TO CH-1
3/4" H.S. & H.R. UP IN WALL TO CH-1
3/4" H.S. & H.R. UP IN WALL TO CH-1
3/4" H.S. & H.R. UP
3/4" H.S. & H.R. UP
3/4" H.S. & H.R. UP

NOTE:
PROVIDE BALANCING DAMPER IN DUCTWORK FOR EACH ZONE HEAD OUTLETS OF MULTI-ZONE UNITS ON MZ-1, 2, 3, 4, 5, 6



Upper Level Floor Plan - Bldg. A

SCALE 1/8" = 1'-0"

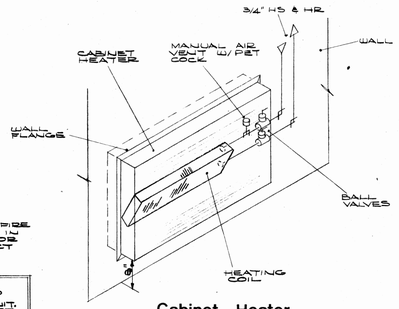


Penthouse Floor Plan - Bldg A

SCALE 1/8" = 1'-0"

NOTE:
DIFFERS LC-1 & LC-2 TO BE MOUNTED ON 8" HIGH CURB BASES. PROVIDE CURBS AS PER MANUFACTURERS RECOMMENDATIONS

NOTE:
PROVIDE "BABY-HEAT" AUTOMATIC PIPE HEATING COILS ON EXPOSED CS & CR LINES ABOVE ROOF. MODEL # ABF-15, 15' LONG, 10 WATTS, 120 VOLT, SELF THERMOSTAT, 2" RIGID INSULATION IS REQUIRED AROUND PIPE

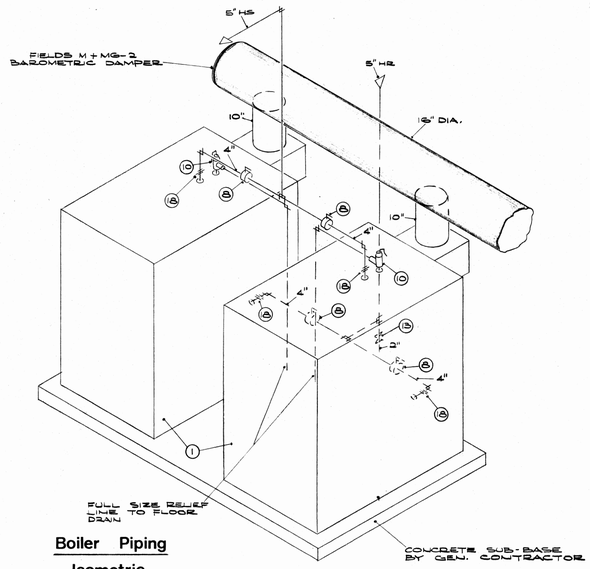


Cabinet Heater Piping Isometric

NO SCALE

Boiler & Pumping Station Equipment Schedule

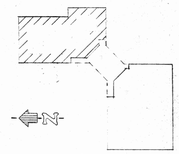
1. BOILER - NORTH AMERICAN "MERCURY" MODEL # F-85, 85 HP, GAS FIRED HOT WATER BOILER, 1,670 MBH GAS INPUT, 1,172 GAS OUTPUT
2. EXPANSION TANK - B & G #100-30" DIA. X 60" LONG, A.S.M.E. CONSTRUCTION, 100 PSI WORKING PRESSURE, 100 GAL. CAPACITY, PAINTED WITH 2 COATS OF ALUMINUM PAINT
3. AIR SEPARATOR - B & G #2-4 ROLAIRTROL
4. TANK AIRTROL - B & G # ATFL - 1"
5. VENT TUBE - B & G
6. AUTOMATIC CONTROL VALVE - BY TEMPERATURE CONTROL CONTRACTOR
7. INCREASER FLANGE
8. BUTTERFLY VALVE - HAMMOND OR APPROVED EQUAL
9. THERMOMETER - ASHCROFT LINEAR MERCURY TYPE "EVERYANGLE" W/ 9" SCALE
10. RELIEF VALVE - FURNISHED WITH BOILER
11. PRESSURE VALVE - MARSHALLTOWN FIG. 38 - 2 1/2" DIAL SIZE W/PET COCK
12. GATE VALVE - JENKINS OR APPROVED EQUAL
13. DRAIN VALVE - JENKINS OR APPROVED EQUAL
14. SUCTION DIFFUSER - B & G MODEL # GE-5 4" X 6" TYPE X
15. BALL VALVE - JENKINS OR APPROVED EQUAL
16. PRESSURE REDUCING VALVE - B & G # B-7 W/ BUILT-IN STRAINER (SET @ 12 PSI)
17. SUCTION DIFFUSER - B & G MODEL # ED-5 5" X 4" - TYPE X
18. UNION - JENKINS OR APPROVED EQUAL
19. TRIPLE DUTY VALVE - B & G # SD-5
20. CIRCULATING PUMP - B & G # 1510 UNIVERSAL - 2 1/2 P.L. — 5 HP MOTOR, 208 VOLT, 3 PHASE, 239 G/P/M @ 55' HD
21. FLOW INDICATOR - B & G # TFI-4 THERMOFLO INDICATOR
22. FLOW INDICATOR - B & G # TFI-4 THERMOFLO INDICATOR
23. EXPANSION TANK - B & G #40 - 16" DIA. X 55" LONG, A.S.M.E. CONSTRUCTION, 100 PSI WORKING PRESSURE, 40 GAL. CAPACITY, PAINTED WITH 2 COATS OF ALUMINUM PAINT
24. TANK AIRTROL - B & G # ATF-16
25. FLOW SWITCH - BY TEMPERATURE CONTROL CONTRACTOR
26. CIRCULATING PUMP - B & G # 1510 UNIVERSAL - 3 P.L. - 10 HP MOTOR, 208 VOLT, 3 PHASE, 294 G/P/M @ 60' HD.
27. TRIPLE DUTY VALVE - B & G # SD-6



Boiler Piping Isometric

NO SCALE

Mechanical



key plan

ARCHITECTURAL DETAILS ARE EXACT LOCATIONS AND DIMENSIONS OF EQUIPMENT, FIXTURES, OPENINGS, AND CUTOUTS

STATE OF OHIO PAUL M. STUDER REGISTERED PROFESSIONAL ENGINEER

STATE OF OHIO MALLALIEU 1220 ROSS 1772 ROBERTS 2123 DOLL 2922 REGISTERED ARCHITECTS

MUNICIPAL GOVERNMENT CENTER MASSILLON, OHIO

MALLALIEU
ROSS
ROBERTS
DOLL

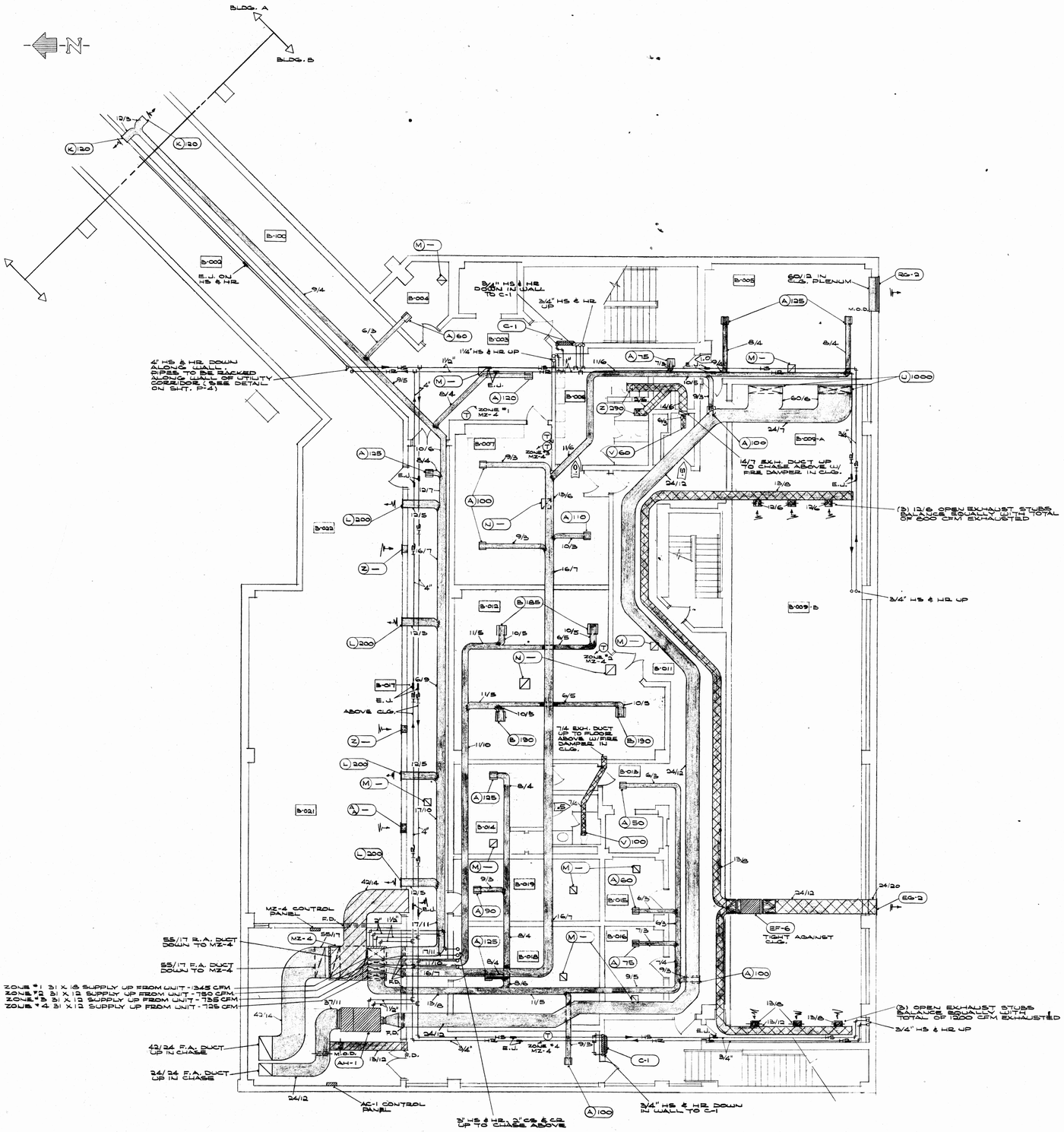
Architects

AKRON · MASSILLON OHIO

MEMBER OF THE AMERICAN INSTITUTE OF ARCHITECTS AIA

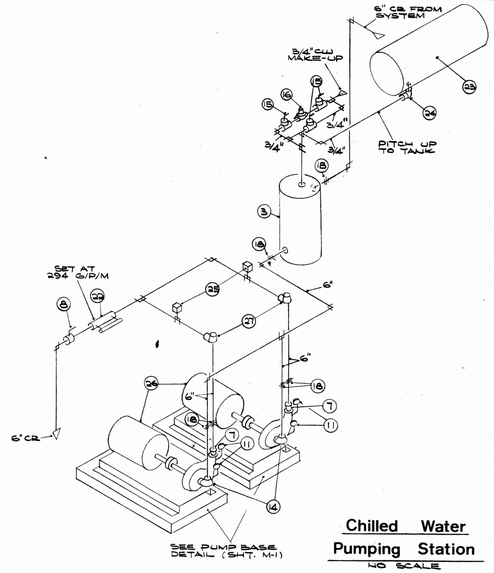
COMM. 7117
DATE 4-4-74
SHEET 63
M38

OCE' ELLIOTT, INC.



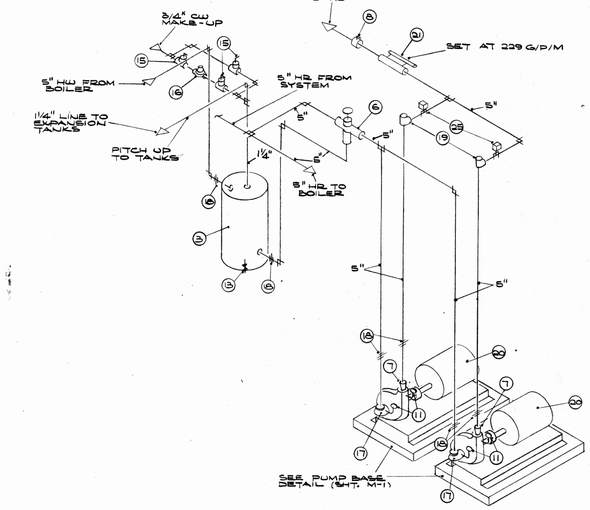
Lower Level Floor Plan - Bldg. B

SCALE 1/8" = 1'-0"



Chilled Water Pumping Station

NO SCALE



Hot Water Pumping Station

NO SCALE

Mechanical

key plan

FOR ARCHITECTURAL DETAILS FOR EXACT LOCATIONS AND DIMENSIONS OF EQUIPMENT, FIXTURES, OPENINGS, AND OUTLETS.

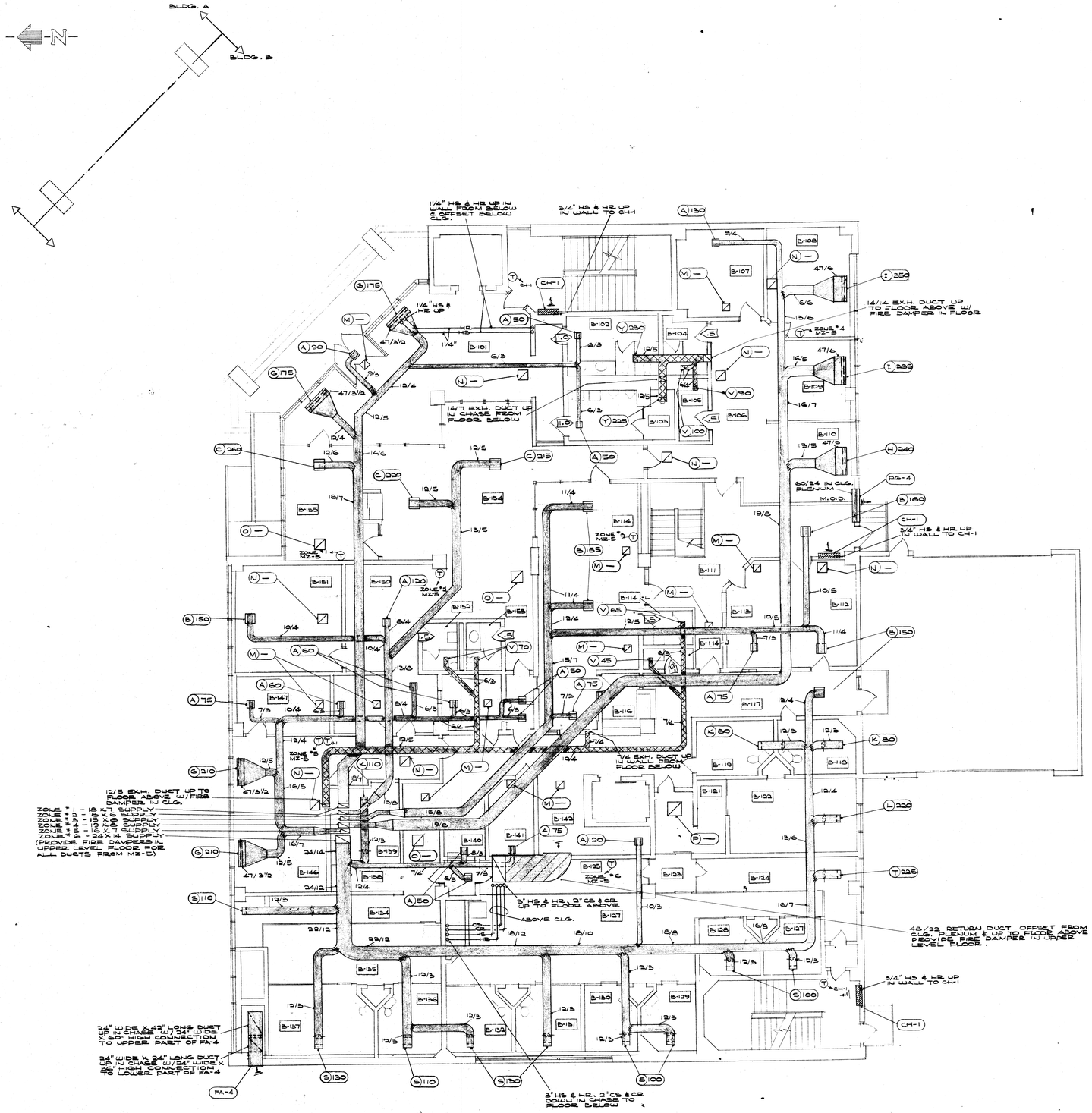
PAUL M. SNYDER CITY REGISTERED MECHANICAL ENGINEER

STATE OF OHIO MALLALIEU 1220 ROSS 1772 ROBERTS 2123 DOLL 2922 REGISTERED ARCHITECTS

MALLALIEU ROSS ROBERTS DOLL
AKRON · MASSILLON OHIO
Architects
MEMBER OF THE AMERICAN INSTITUTE OF ARCHITECTS AIA

MUNICIPAL GOVERNMENT CENTER MASSILLON, OHIO

COMM.	7117
DATE	4-4-74
SHEET	64



Street Level Floor Plan - Bldg. B

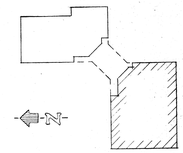
SCALE 1/8" = 1'-0"

SEE ARCHITECTURAL DETAILS FOR EXACT LOCATIONS AND DIMENSIONS OF EQUIPMENT, FIXTURES, OPENINGS, AND OUTLETS.

Louver & Grille Schedule

SYMBOL	MFGR.	TYPE	SIZE	FINISH	OPPOSED BLADE DAMPER W/ QUADRANT OPERATOR	REMARKS
(A)	BARBER COLMAN	PBSV	6/2	#7	*	PERF. FACE - ROUND NECK
(B)	"	PBSV	8/6	#7	*	" " " "
(C)	"	PBSV	10/20	#7	*	" " " "
(D)	"	PBSV	10/24	#7	*	" " " "
(E)	"	PBSV	12/24	#7	*	" " " "
(F)	"	PBSV	18/24	#7	*	" " " "
(G)	"	CAB	2 SLOT X 46 7/8" LONG	#9	*	CONTINUOUS DIFFUSER W/ DAMPER BLADES
(H)	"	CAB	3 SLOT X 46 7/8" LONG	#9	*	" "
(I)	"	CAB	4 SLOT X 46 7/8" LONG	#9	*	" "
(J)	"	CAB	5 SLOT X 46 7/8" LONG	#9	*	" "
(K)	"	KCAV	12" X 3"	#9	*	" "
(L)	"	KCAV	12" X 5"	#9	*	" "
(M)	"	PES	8/2	#7	—	PERF. FACE - SQ. NECK RETURN
(N)	"	PES	10/6	#7	—	" " " "
(O)	"	PES	14/20	#7	—	" " " "
(P)	"	PES	17/24	#7	—	" " " "
(Q)	TITUS	AG-32-0°	8 X 8	ANOD.	—	ALUMINUM SECURITY GRILLE
(R)	"	"	12 X 4	ANOD.	—	" "
(S)	"	"	12 X 5	ANOD.	—	" "
(T)	"	"	12 X 6	ANOD.	—	" "
(U)	BARBER-COLMAN	CAA	8 SLOT 5'-0" LONG	#9	*	CONTINUOUS DIFFUSER W/ DAMPER BLADES
(V)	"	TXE	6" X 6"	#9	—	LATTICE CORE EXHAUST GRILLE
(W)	"	TXE	8" X 6"	#9	—	" "
(X)	"	TXE	10" X 6"	#9	—	" "
(Y)	"	TXE	12" X 6"	#9	—	" "
(Z)	"	TXE	12" X 8"	#9	—	" "
(AA)	"	TXE	14" X 8"	#9	—	" "
(BB)	TITUS	TRPS	16" DIA.	#4-1	*	PERF. FACE SUPPLY ROUND W/ 8" DIA. NECK
FA-1	AIRSTREAM	TA-2	60" WIDE X 36" HIGH	—	—	ALUM. W/ DARK BRONZE ANODIC FINISH - BIRD SCREEN
FA-2	"	"	60" WIDE X 40" HIGH	—	—	" " " "
FA-3	"	"	72" WIDE X 42" HIGH	—	—	" " " "
FA-4	"	"	84" WIDE X 96" HIGH	—	—	" " " "
FA-5	"	"	72" WIDE X 36" HIGH	—	—	" " " "
FA-6	"	"	102" WIDE X 42" HIGH	—	—	" " " "
FA-7	"	"	36" WIDE X 28" HIGH	—	—	" " " "
FA-8	"	"	48" WIDE X 36" HIGH	—	—	" " " "
CA-1	"	"	36" WIDE X 30" HIGH	—	—	" " " "
EG-1	"	"	24" WIDE X 18" HIGH	—	—	" " " "
EG-2	"	"	24" WIDE X 30" HIGH	—	—	" " " "
RG-1	"	"	48" WIDE X 12" HIGH	—	—	" " " "
RG-2	"	"	60" WIDE X 10" HIGH	—	—	" " " "
RG-3	"	"	24" WIDE X 24" HIGH	—	—	" " " "
RG-4	"	"	60" WIDE X 24" HIGH	—	—	" " " "

Mechanical



key plan

PAUL M. STUDER 17707 REGISTERED PROFESSIONAL ENGINEER

STATE OF OHIO MALLALIEU 1220 ROSS 1772 ROBERTS 2123 DOLL 2922 REGISTERED ARCHITECTS

MUNICIPAL GOVERNMENT CENTER
MASSILLON, OHIO

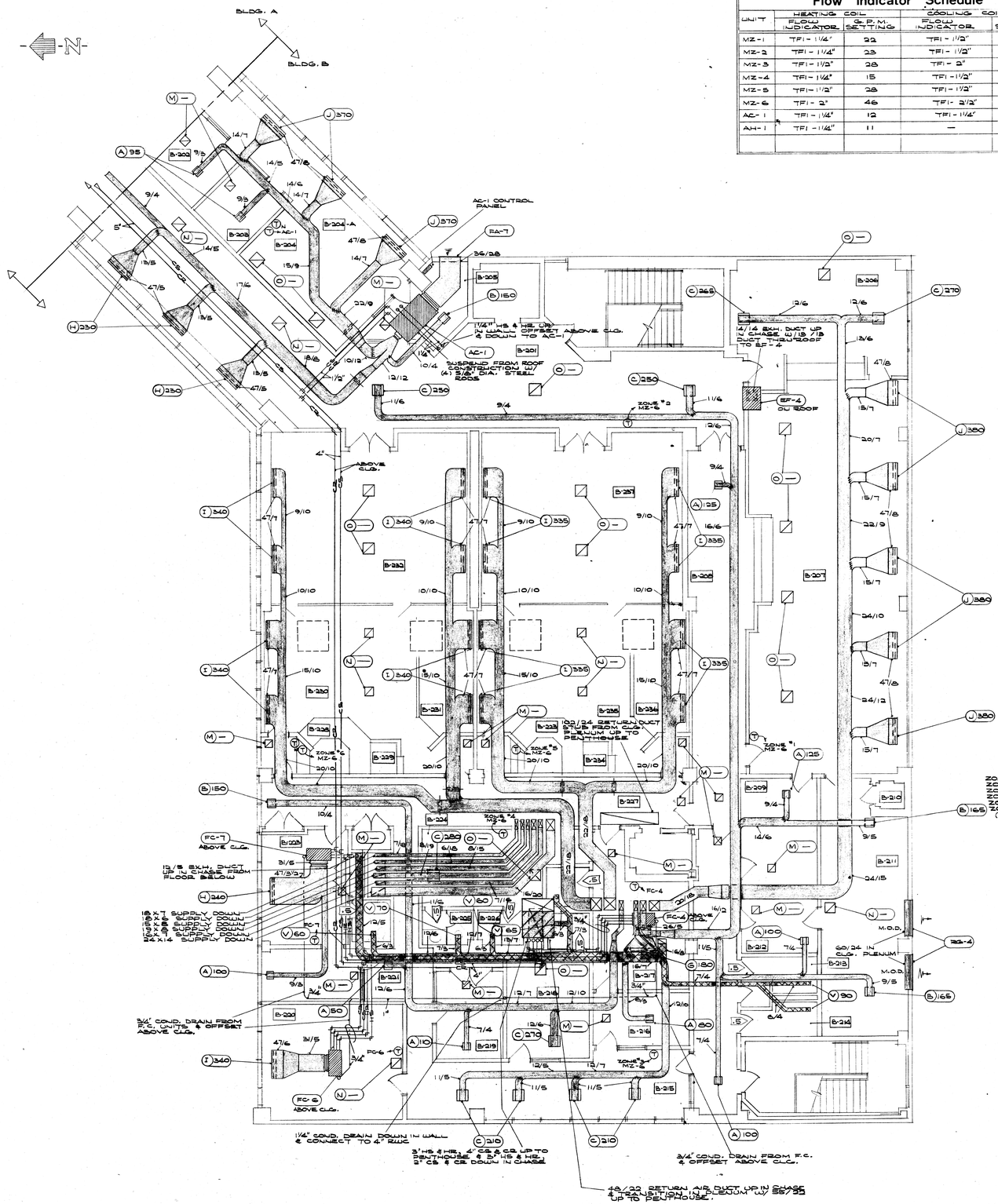
MALLALIEU
ROSS
ROBERTS
DOLL
Architects
AKRON · MASSILLON OHIO
MEMBER OF THE AMERICAN INSTITUTE OF AIA ARCHITECTS

COMM: 7117
DATE 4-4-74
SHEET 65
M58

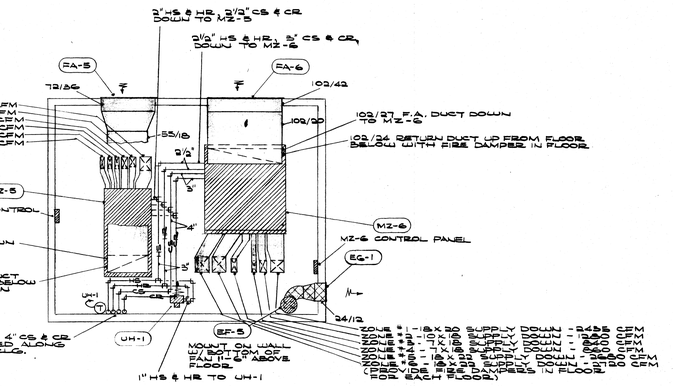
OGE ELLIOTT, INC.

Flow Indicator Schedule

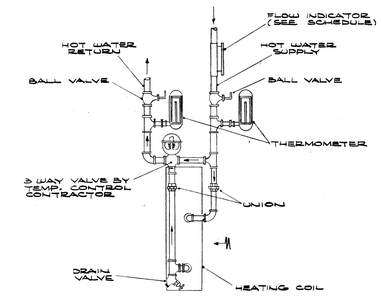
UNIT	HEATING COIL FLOW INDICATOR	HEATING COIL G.P.M. SETTING	COOLING COIL FLOW INDICATOR	COOLING COIL G.P.M. SETTING
MZ-1	TFI - 1¼"	22	TFI - 1½"	29
MZ-2	TFI - 1¼"	23	TFI - 1½"	41
MZ-3	TFI - 1½"	28	TFI - 2"	45
MZ-4	TFI - 1¼"	15	TFI - 1½"	30
MZ-5	TFI - 1½"	28	TFI - 1½"	40
MZ-6	TFI - 2"	46	TFI - 2½"	75
AC-1	TFI - 1¼"	12	TFI - 1¼"	16
AH-1	TFI - 1¼"	11	—	—



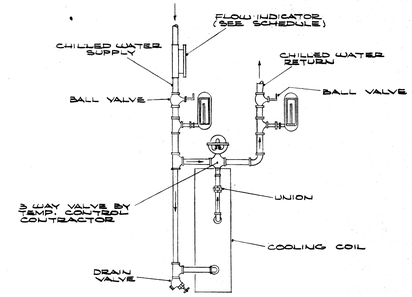
Upper Level Floor Plan - Bldg. B
SCALE 1/8" = 1'-0"



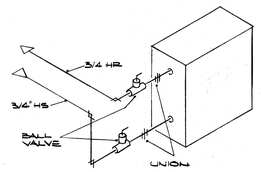
Penthouse Floor Plan - Bldg. B
SCALE 1/8" = 1'-0"



Heating Coil Piping Detail
NO SCALE

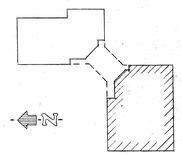


Cooling Coil Piping Detail
NO SCALE



Unit Heater Piping Isometric
NO SCALE

Mechanical



SEE ARCHITECTURAL DETAILS FOR EXACT LOCATIONS AND DIMENSIONS OF SOME VENT, FIXTURES, OPENINGS AND OUTLETS

STATE OF OHIO PAUL M. STUDER 27771 REGISTERED PROFESSIONAL ENGINEER

STATE OF OHIO MALLALIEU 1220 ROSS 1772 ROBERTS 2123 DOLL 2922 REGISTERED ARCHITECTS

MUNICIPAL GOVERNMENT CENTER
MASSILLON, OHIO

MALLALIEU
ROSS
ROBERTS
DOLL

AKRON · MASSILLON OHIO

Architects AIA

MEMBER OF THE AMERICAN INSTITUTE OF ARCHITECTS

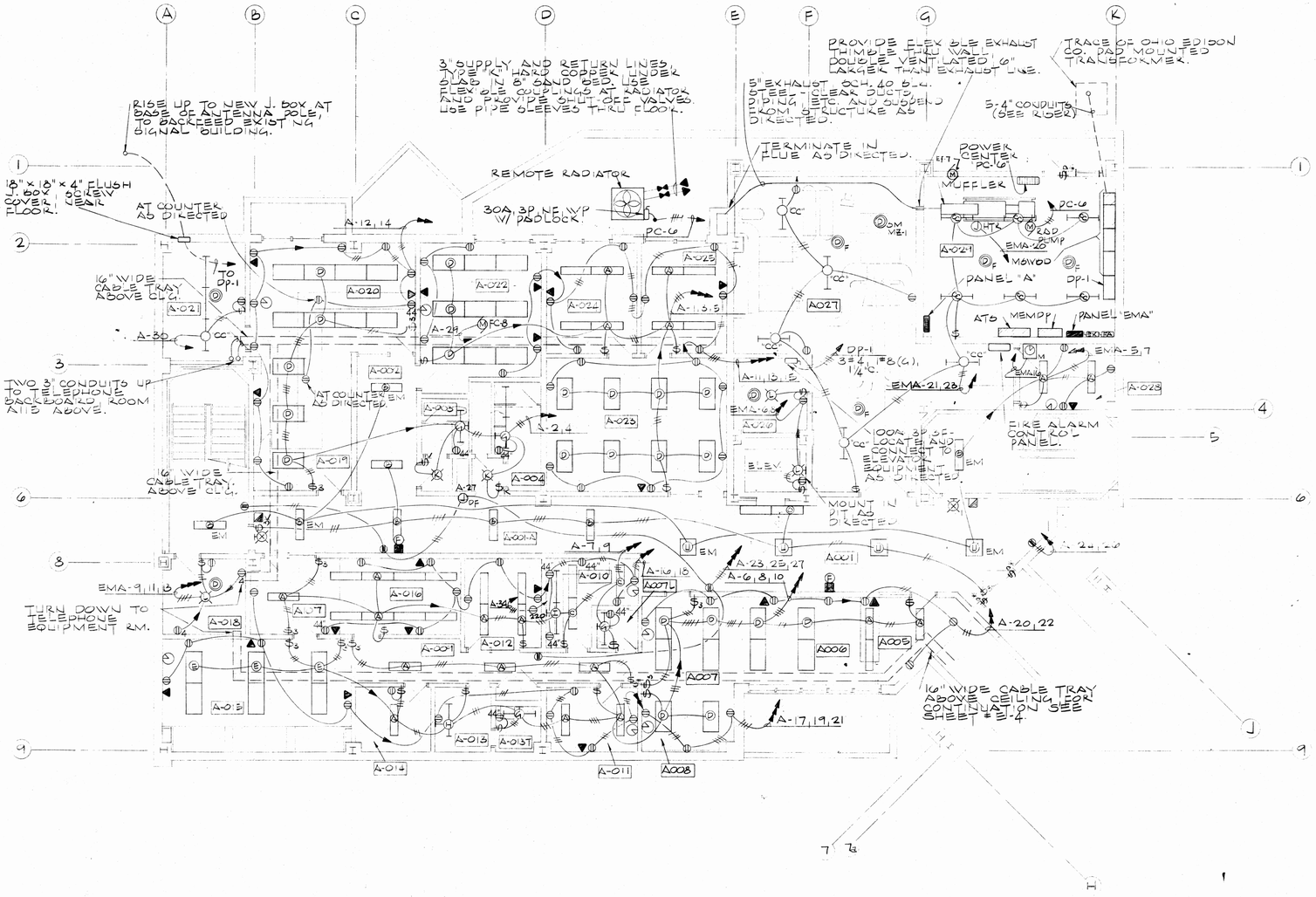
COMM. 7117

DATE 4-4-74

SHEET 66

M68

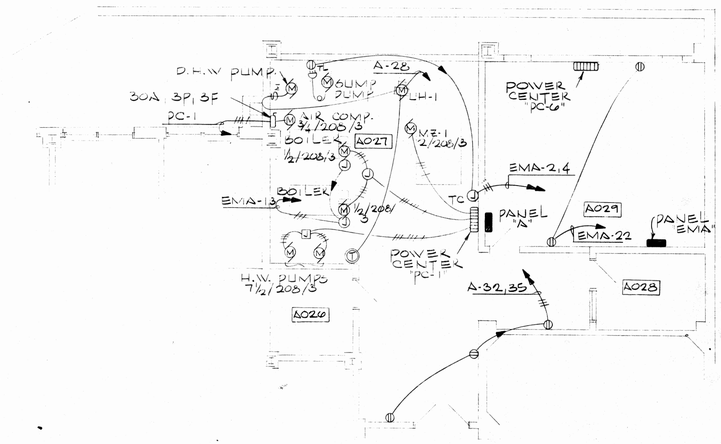
OCE' ELLIOTT, INC.



BLDG "A" LOWER LEVEL FLOOR PLAN

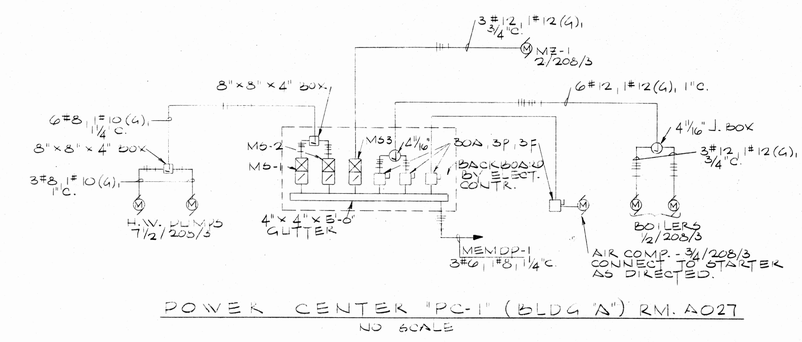
1/8"=1'-0"

NORTH



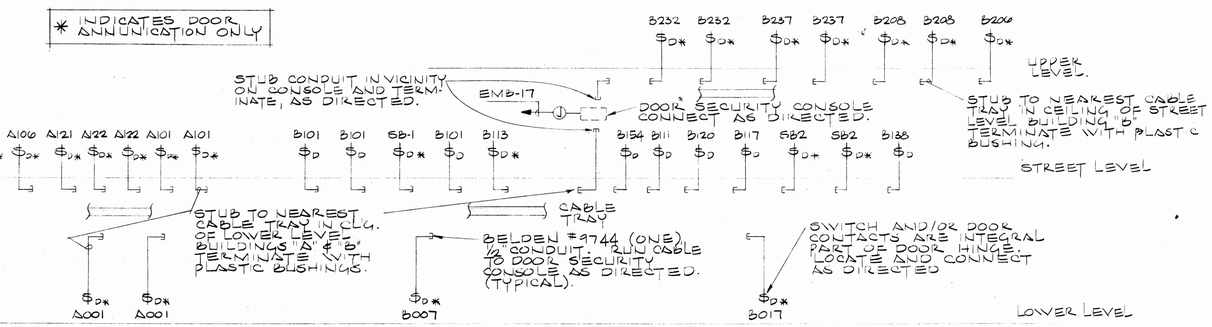
MECHANICAL EQUIP. ROOM OUTLET DETAIL

SCALE 1/8"=1'-0"



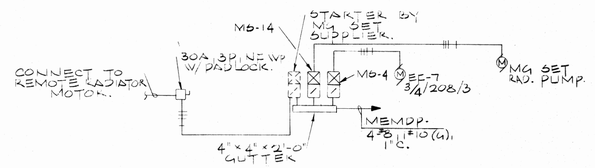
POWER CENTER "PC-1" (BLDG "A") RM. A027

NO SCALE



DOOR SECURITY SYSTEM RISER DIAGRAM

NO SCALE



POWER CENTER "PC-6" (RM. A029)

NO SCALE

NOTE: VERIFY SIZE CONDUIT AND WIRE SIZE WITH ELEC. SPEC. AND ANY DISCREPANCY

ALL WORK SHALL CONFORM TO APPLICABLE CODES AND REGULATIONS GOVERNING THIS WORK.

STATE OF OHIO V. R. MAYFIELD 14581 R. P. CULBERTSON 19691 REGISTERED PROFESSIONAL ENGINEER

STATE OF OHIO MALLALIEU 1220 ROSS 1772 ROBERTS 2153 DOLL 2922 REGISTERED ARCHITECTS

MUNICIPAL GOVERNMENT CENTER MASSILLON, OHIO

MALLALIEU
ROSS
ROBERTS
DOLL
AKRON · MASSILLON OHIO
MEMBER OF THE AMERICAN INSTITUTE OF ARCHITECTS

Architects AIA

COMM: 7117
DATE 4-4-74
SHEET 67
E 9

OCE' ELLIOTT, INC.

REVISIONS IS POWER WALKIE TALKIE AND TELEPHONE JACK B-167

NEW 8"x8"x4" CAST IRON J. BOX W/ STAINLESS STEEL SCREWS. LOCATE ON POLE AND CONNECT TO EXISTING SERVICE CONDUCTORS AS DIRECTED. REMOVE EXISTING S.E. CAP, CONDUIT, ETC. FROM POLE AS DIRECTED.

EXISTING UNDER-GROUND SERVICE TO SIGNAL BUILDING DO NOT DISTURB.

EXISTING ANTENNA POLE - VERIFY EXACT LOCATION.

TO J. BOX ROOM A-201.

THRU PHOTOCELL AND TC-7

EMA-15

C-14

PANEL "C"

C-9, 11, 13

C-10, 12

C-4, 6, 8

EMA-16

TWO 3" CONDUITS DOWN TO CABLE TRAY ON LOWER LEVEL.

THRU DOWN TO THRU WINDOW BACK BOARD AS DIRECTED 30"x24"x¾" BACKBOARD - BY ELEC. C.

TWO 3" CONDUITS UP TO CABLE TRAY ON UPPER LEVEL.

PANEL "B"

B-19, 21, 23

B-1, 3, E

B-2, 4

THRU CON-1

THRU CON-15

B-30, 32

EMA-14

B-8, 10

EMA-10, 12

UP TO "B" EM CORR A207.

B-29, 31

B-26, 28

B-14

B-16, 18

B-33, 35

B-22, 24, 26

B-5

B-36

B-25, 27

EMA-15 THRU PHOTOCELL AND TC-5

B-12

B-31, 33

CON-1 (ABOVE C-1)

DP-1 THRU CON-4 3#10(G), 1"C.

EH-1

ONE 4" CONDUIT DOWN TO CABLE TRAY IN CEILING BELOW FROM UNDER COUNTER. LOCATE UNDER COUNTER AS DIRECTED.

TWO 3" CONDUITS UP TO TELEPHONE BACKBOARD RM. A204 FROM CABLE TRAY.

ALL CABLE TRAY THIS FLOOR IN THIS AREA ABOVE CEILING.

EMD-6 THRU CON-3 AND TC-4.

C-1, C-2 3#6 POWER 1#8 GND 2"C. DWYER

AT COUNTER AS DIRECTED

MOUNT RECEPTS UNDER COUNTER AS DIRECTED.

MOUNT SWITCH UNDER COUNTER AS DIRECTED

THIS ROOM TO BE WIRED FOR TWO LEVELS OF ILLUMINATIONS.

TO POLICE ANN. PANEL, RM. 114.

THIS ROOM TO BE WIRED FOR TWO LEVELS OF ILLUMINATIONS

TO POLICE ANN. PANEL, RM. B114

OHIO EDISON CO. PAD MOUNTED TRANSFORMER

FC-2, FC-3

B-7, 9, 11

B-6 THRU CON-1

B-34

A101 A102 A103 A104 A105 A106 A107 A110 A111 A112 A114 A115 A116 A117 A118 A119 A120 A121 A122 A123 A124 A125 A126 A127 A128

BLDG "A" STREET LEVEL FLOOR PLAN

1/8" = 1'-0"

NORTH

MOTOR STARTER SCHEDULE ★

SYM.	LOCATION	STARTER SIZE	STARTER POLES	STARTER VOLTAGE	DISC. SW. SIZE	DISC. SW. FUSE	FOR	MOTOR HP	MOTOR VOLT.	MOTOR PHASE	MOTOR LOC.	CODE
MS-1	PC-1	1	3	120	60	—	H.W. PUMP	7½	208	3	A027	1,2,3,4,5,6,7
MS-2	PC-1	1	3	120	60	—	H.W. PUMP	7½	208	3	A027	1,2,3,4,5,6,7
MS-3	PC-1	0	3	120	30	—	MZ-1	2	208	3	A027	1,2,3,4,5,6,7
MS-4	PC-6	0	3	120	30	—	EF-7 (MG)	¾	208	3	A027	1,2,3,4,5,6,7
MS-5	PC-2	2	3	120	60	—	C.W. PUMP	10	208	3	A027	1,2,3,4,5,6,7
MS-6	PC-2	2	3	120	60	—	C.W. PUMP	10	208	3	A027	1,2,3,4,5,6,7
MS-7	PC-3	0	3	120	30	—	MZ-2	3	208	3	PH	1,2,3,4,5,6,7
MS-8	PC-3	0	3	120	30	—	MZ-3	3	208	3	PH	1,2,3,4,5,6,7
MS-9	B201	0	3	120	30	—	EF-6	¾	208	3	B009	1,2,3,4,5,6,7
MS-10	PC-4	0	3	120	30	—	MZ-4	2	208	3	B020	1,2,3,4,5,6,7
MS-11	PC-4	0	3	120	30	—	AH-1	¾	208	3	B020	1,2,3,4,5,6,7
MS-12	PC-5	0	3	120	30	—	MZ-5	3	208	3	PH	1,2,3,4,5,6,7
MS-13	PC-5	0	3	120	30	—	MZ-6	3	208	3	PH	1,2,3,4,5,6,7
MS-14	PC-6	0	3	120	30	—	MG SET RAD. PUMP	1	208	3	A029	1,2,3,4,5,6,7

CODE LEGEND:

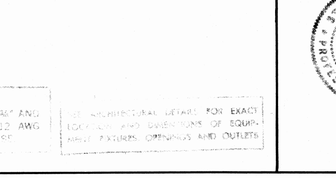
1. COMBINATION FUSIBLE DISCONNECT SWITCH & MOTOR STARTER.
2. SURFACE MOUNTED NEMA 1 ENCLOSURE.
3. EXTRA SET OF NO-NC CONTACTS.
4. HAND-OFF-AUTO SELECTOR SWITCH IN COVER
5. CONTROL CKT. TRANSFORMER W/ 120V FUSED SECONDARY.
6. DISCONNECT SWITCH TO BE SIZED FOR AND EQUIPPED W/ FUSETRONS.
7. SIZE FUSETRON TO PROTECT MOTOR PER MOTOR MANUFACTURER'S RECOMMENDATIONS.

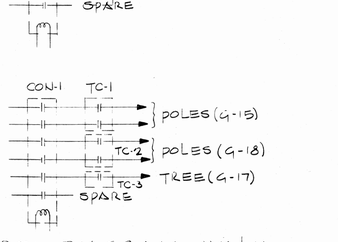
★ REQUIRES IDENTIFICATION TAGGING, SEE SPECS.

PANELBOARD SCHEDULE ★

PANELS	DESCRIPTIONS TYPE	MTG.	VOLTS	PHASE	WIRES	LOCATION	MAINS MAIN LUGS AMPS	MAINS MAIN BKR. AMPS	BR. CCTS. SPACES	BR. CCTS. ACTIVE	BKR. FRAME AMPS	BKR. TRIP AMPS	BKR. POLES	REMARKS
A	N	LAB	SURF.	208/120	3	4	ROOM A029	225	-	35	2	40	20	1	
										1	0	0	1	20	2
B	N	LAB	FLUSH	208/120	3	4	ROOM A123	225	-	30	3	3	42	20	1
C	N	LAB	SURF.	208/120	3	4	ROOM A115	100	-	13	3	4	20	20	1
										2	0	0	2	50	2 DWYER UNITS
D	N	LAB	FLUSH	208/120	3	4	ROOM A210	225	-	32	3	5	40	20	1
										1	0	0	1	20	2
E	N	LAB	SURF.	208/120	3	4	ROOM A204	100	-	23	3	4	30	20	1
F	N	LAB	SURF.	208/120	3	4	ROOM B008	225	-	29	3	4	36	20	1
G	N	LAB	SURF.	208/120	3	4	ROOM B022	100	-	18	3	5	26	20	1
										2	0	0	2	20	2 OUTSIDE LIGHTS
H	N	LAB	SURF.	208/120	3	4	TELE CLOSET	100	-	20	4	0	30	20	1
I	N	LAB	FLUSH	208/120	3	4	VIDEO STOR.	225	-	34	3	5	42	20	1
J	N	LAB	FLUSH	208/120	3	4	ROOM B206	225	-	31	3	5	39	20	1
										1	0	0	1	30	3 AC-1 UNIT
EM A	N	LAB	SURF.	208/120	3	4	ROOM A029	100	-	22	3	5	30	20	1
EM B	N	LAB	SURF.	208/120	3	4	TELE CLOSET	100	-	17	3	5	25	20	1
										1	0	0	1	30	1 CELL DOOR OPERATOR
										1	0	0	1	40	1 CELL DOOR OPERATOR
										1	0	0	1	30	3 GARAGE DOORS
EM C	N	LAB	SURF.	208/120	3	4	ROOM B105	100	-	24	3	3	30	20	1
EM D	N	LAB	SURF.	208/120	3	4	ROOM 022	100	-	8	0	4	8	20	1

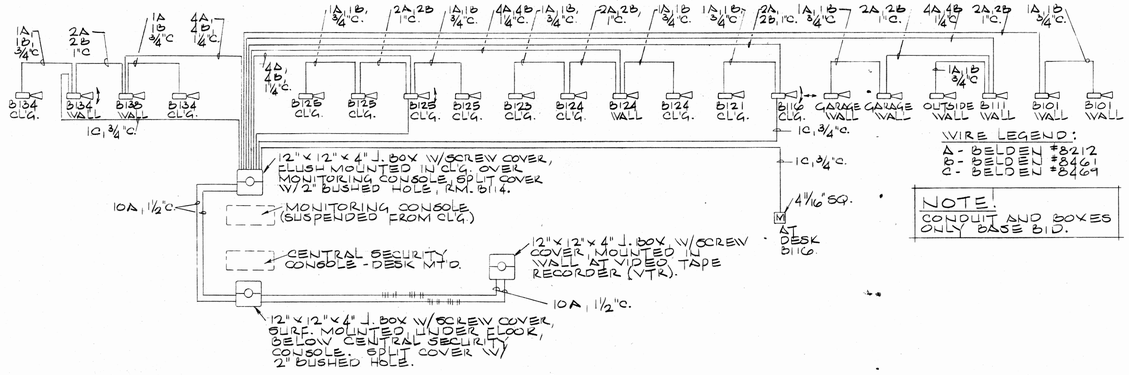
NOTE: ALL BREAKERS TO HAVE 10,000A IC (SYMMETRICAL)





CONTROL DIAGRAM - WALK, TREE AND BUILDING LIGHTS

NO SCALE



WIRE LEGEND:
A - BELDEN #8212
B - BELDEN #8461
C - BELDEN #8469

NOTE
CONDUIT AND BOXES ONLY BASE BID.

SURVEILLANCE TELEVISION CONDUIT RISER DIAGRAM

NO SCALE

NOTE
MINIMUM SIZE CONDUIT 3/4" AND MINIMUM SIZE WIRE #12 AWG UNLESS NOTED OTHERWISE

SEE ARCHITECTURAL DETAILS FOR EXACT LOCATIONS AND DIRECTIONS OF EQUIPMENT, FIXTURES, OPENINGS AND OUTLETS

STATE OF OHIO — V. R. MAYFIELD 14581 — R. D. CULBERTSON 19591 — REGISTERED PROFESSIONAL ENGINEER

STATE OF OHIO — MALLALIEU 1220 — ROSS 1772 — ROBERTS 2123 — DOLL 2822 — REGISTERED ARCHITECTS

MUNICIPAL GOVERNMENT CENTER MASSILLON, OHIO

MALLALIEU
ROSS
ROBERTS
DOLL
AKRON · MASSILLON · OHIO
MEMBER OF THE AMERICAN INSTITUTE OF AIA ARCHITECTS

Architects

COMM. 7117
DATE 4-4-74
SHEET 68
E29

OCE' ELLIOTT. INC.

REVISIONS
4 AUG 73
1. AUGMENT BLUE PRINT MACHINE BECAUSE DARK FADE 8/20/73
2. ADD MICE & CABLE CURVE

TWO 3" CONDUITS TO CABLE TRAY ON STREET LEVEL.

THIS ROOM TO BE WIRED FOR TWO LEVELS OF ILLUMINATION.

THESE FIXTURES TO BE WIRED FOR TWO LEVELS OF ILLUM.

UP TO "9" FIXTURE ON LANDING.

ALLOW FOR CONNECTION TO HEATING LOADS SERVING PIPING.

DOWN TO "B" CORR. A102

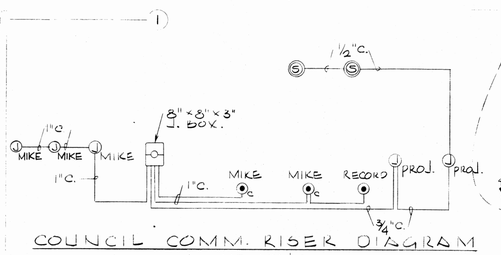
THIS ROOM TO BE WIRED FOR TWO LEVELS OF ILLUMINATION.

ALL CABLE TRAY THIS FLOOR TO BE 12" WIDE ABOVE CLG.

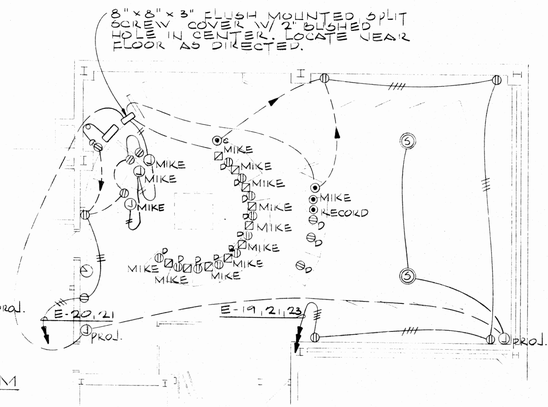
TWO 3" CONDUITS DOWN TO CABLE TRAY ROOM A 103.

TURN DOWN TO TELE-PHONE BACKBOARD AS DIRECTED.

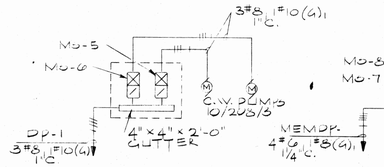
BLDG "A" UPPER LEVEL FLOOR PLAN
1/8"=1'-0"



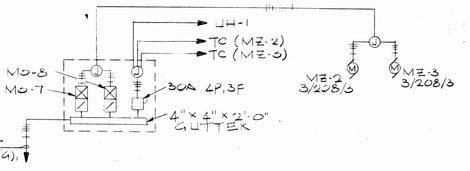
COUNCIL COMM. RISER DIAGRAM
NO SCALE



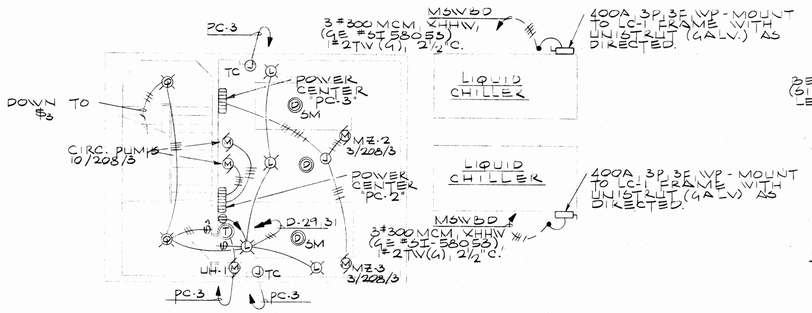
CITY COUNCIL CHAMBER OUTLET DETAIL
SCALE 1/8"=1'-0"



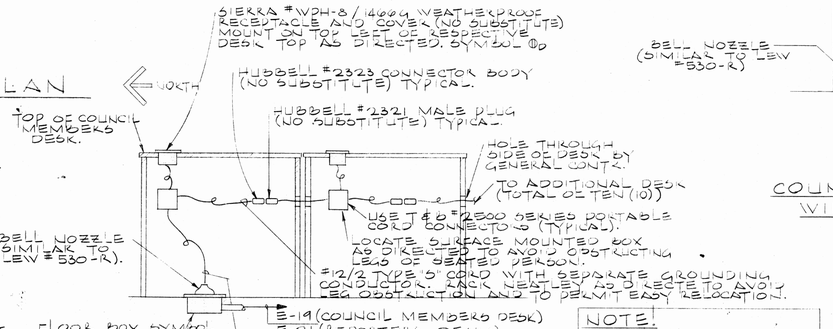
POWER CENTER "PC-2"
(PENTHOUSE, BLDG "A")
NO SCALE



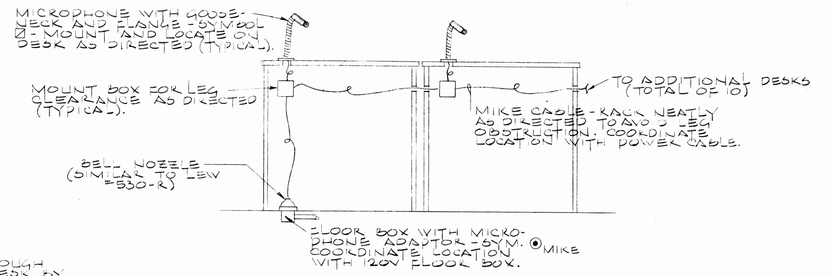
POWER CENTER "PC-3"
(PENTHOUSE, BLDG "A")
NO SCALE



PENTHOUSE FLOOR PLAN - BLDG. "A"
SCALE 1/8"=1'-0"

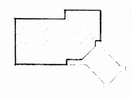


COUNCIL MEMBERS DESK POWER WIRING DETAIL (RM. A221A)
NO SCALE



COUNCIL MEMBER DESK MICROPHONE WIRING DETAIL (ROOM A221A)
NO SCALE

NOTE:
DETAIL ALSO APPLIED TO REPORTERS DESKS. (TOTAL OF 3)



STATE OF OHIO
K. MAYFIELD
5553
REGISTERED PROFESSIONAL ENGINEER

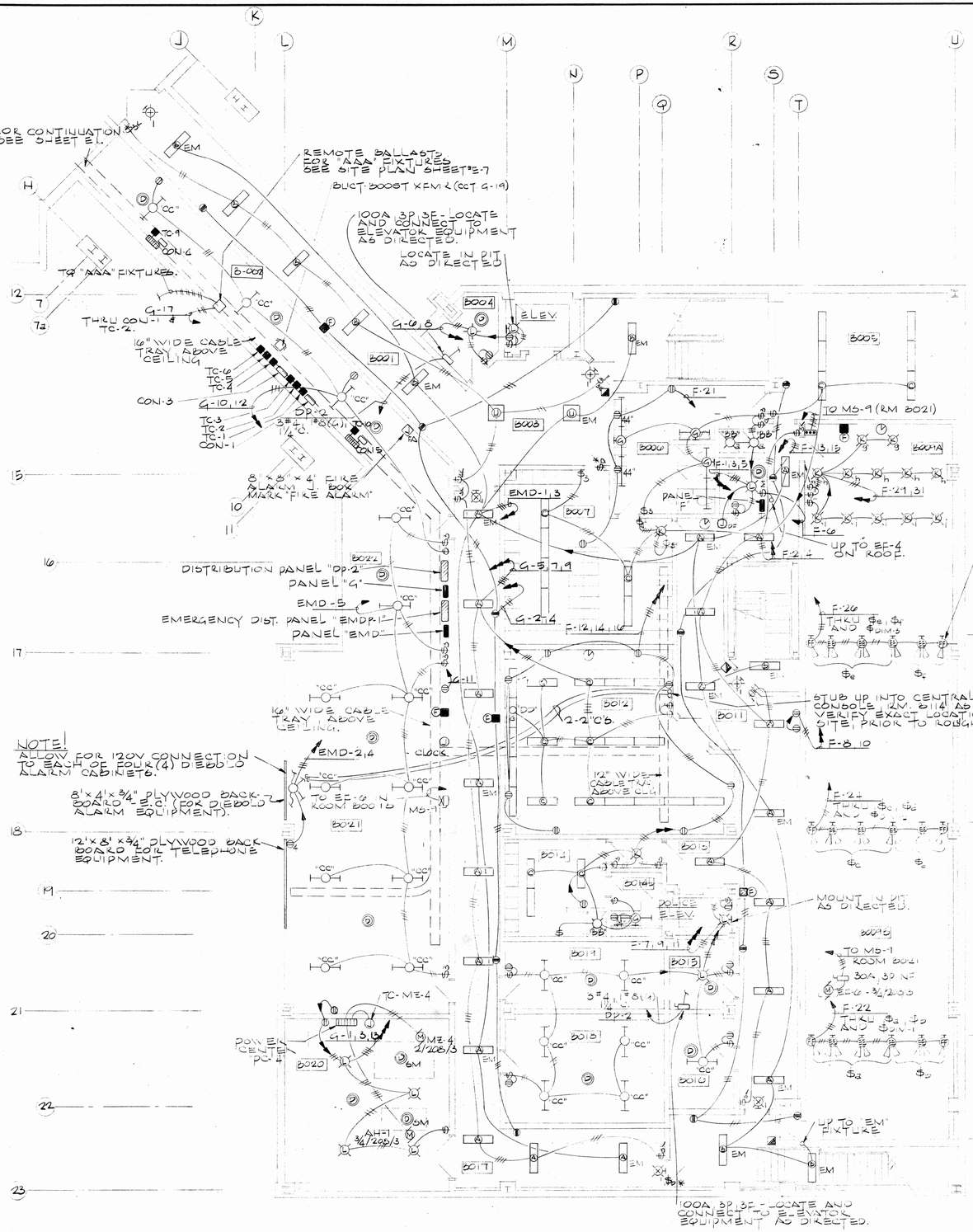
STATE OF OHIO
MALLALIEU 1220
ROSS 1772
ROBERTS 2123
DOLL 2922
REGISTERED ARCHITECTS

MUNICIPAL GOVERNMENT CENTER
MASSILLON, OHIO

MALLALIEU
ROSS
ROBERTS
DOLL
AKRON · MASSILLON OHIO
MEMBER OF THE AMERICAN INSTITUTE OF ARCHITECTS
Architects AIA

COMM. 7117
DATE 4-4-74
SHEET 69
E39

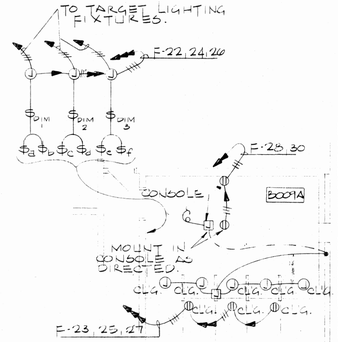
OCE ELLIOTT, INC.



NORTH

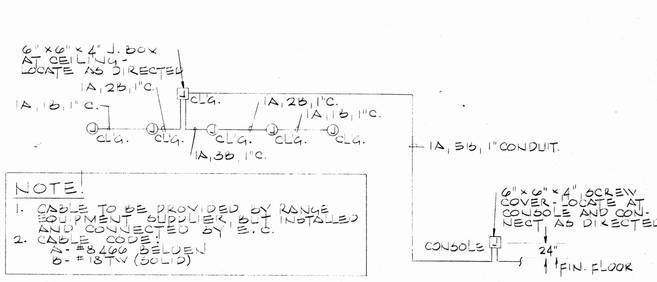
BLDG. "B" - LOWER LEVEL FLOOR PLAN

1/8" = 1'-0"



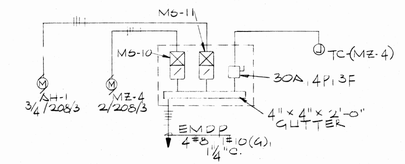
PISTOL RANGE - OUTLET DETAIL

SCALE: 1" = 1'-0"



PISTOL RANGE CONTROL RISER

NO SCALE

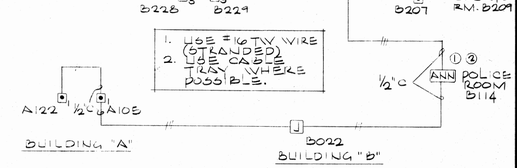


POWER CENTER "PC-4" (RM. B-020)

NO SCALE

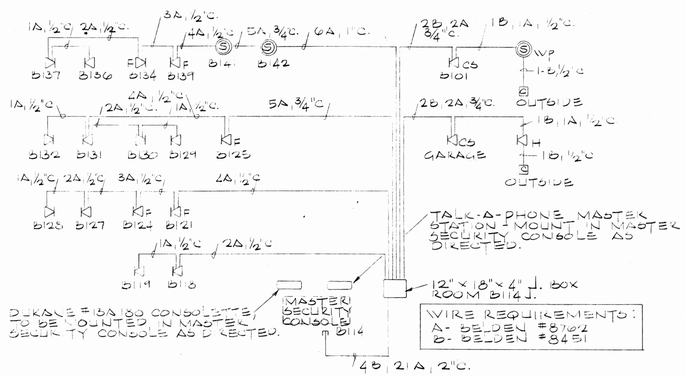
① ANN. PANELS TO HAVE CONSTANT DUTY RELAYS AND BUZZER SILENCING SWITCH RESET BUTTON.

② TO BE MOUNTED IN MASTER SECURITY CONTROL CONSOLE.



SIGNAL SYSTEM RISER DIAGRAM (POLICE CALL)

NO SCALE



COMMUNICATIONS SYSTEMS RISER DIAGRAM (JAIL AREA)

NO SCALE

NOTE:
MINIMUM SIZE CONDUIT AND CONDUCTORS SHALL BE #12 AWG UNLESS NOTED OTHERWISE.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION OF THE WORK OF ALL TRADES.

STATE OF OHIO — F. E. MAYFIELD — 14061 — REGISTERED PROFESSIONAL ENGINEER

STATE OF OHIO — MALLALIEU 1225, ROSS 1222, ROBERTS 2123, DOLL 2021 — REGISTERED ARCHITECT

MUNICIPAL GOVERNMENT CENTER
MASSILLON, OHIO

MALLALIEU
ROSS
ROBERTS
DOLL

Architects AIA

AKRON · MASSILLON · OHIO

MEMBER OF THE AMERICAN INSTITUTE OF ARCHITECTS

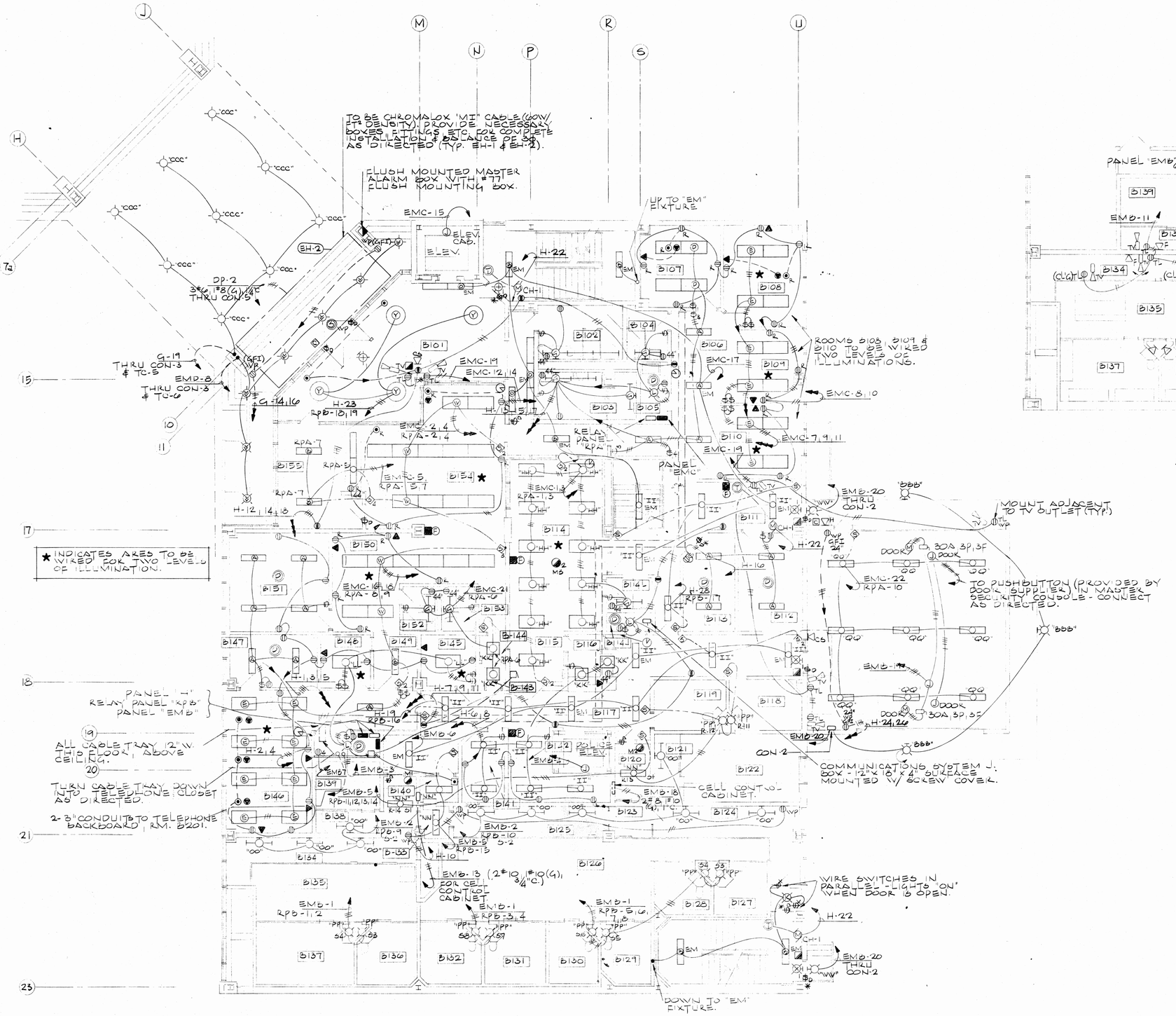
COMM: 7117

DATE: 4-4-74

SHEET: 70

E49

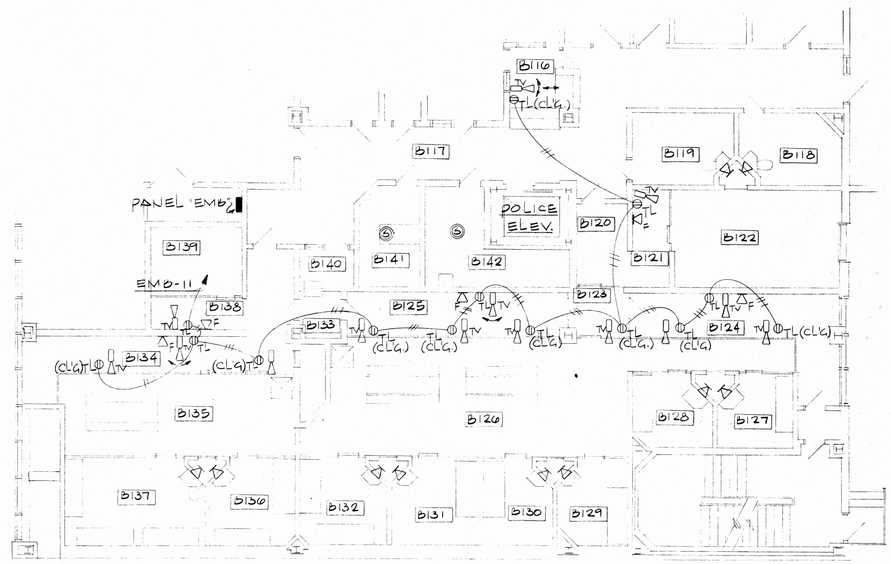
OCE ELLIOTT, INC.



NORTH

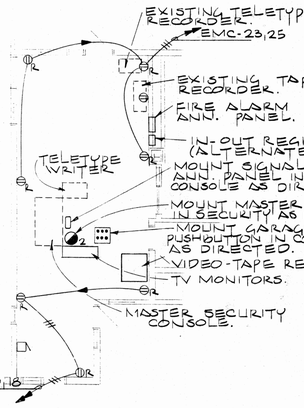
BLDG "B" STREET LEVEL FLOOR PLAN

1/8"=1'-0"



DETAIL OF CELL AREAS

SCALE 1/32"=1'-0"



COMMUNICATION CENTER OUTLET DETAIL

SCALE 1/8"=1'-0"

NOTE:
MINIMUM SIZE CONDUIT 3/4" AND MINIMUM SIZE WIRE #10 AWG UNLESS NOTED OTHERWISE

ALL ARCHITECTURAL DRAWINGS FOR EXACT LOCATION AND DIMENSIONS OF EQUIPMENT, FIXTURES, SPRINKLERS AND OUTLETS

STATE OF OHIO — V. R. MAYFIELD 14583 — R. P. ROBERTSON 15695 — REGISTERED PROFESSIONAL ENGINEER

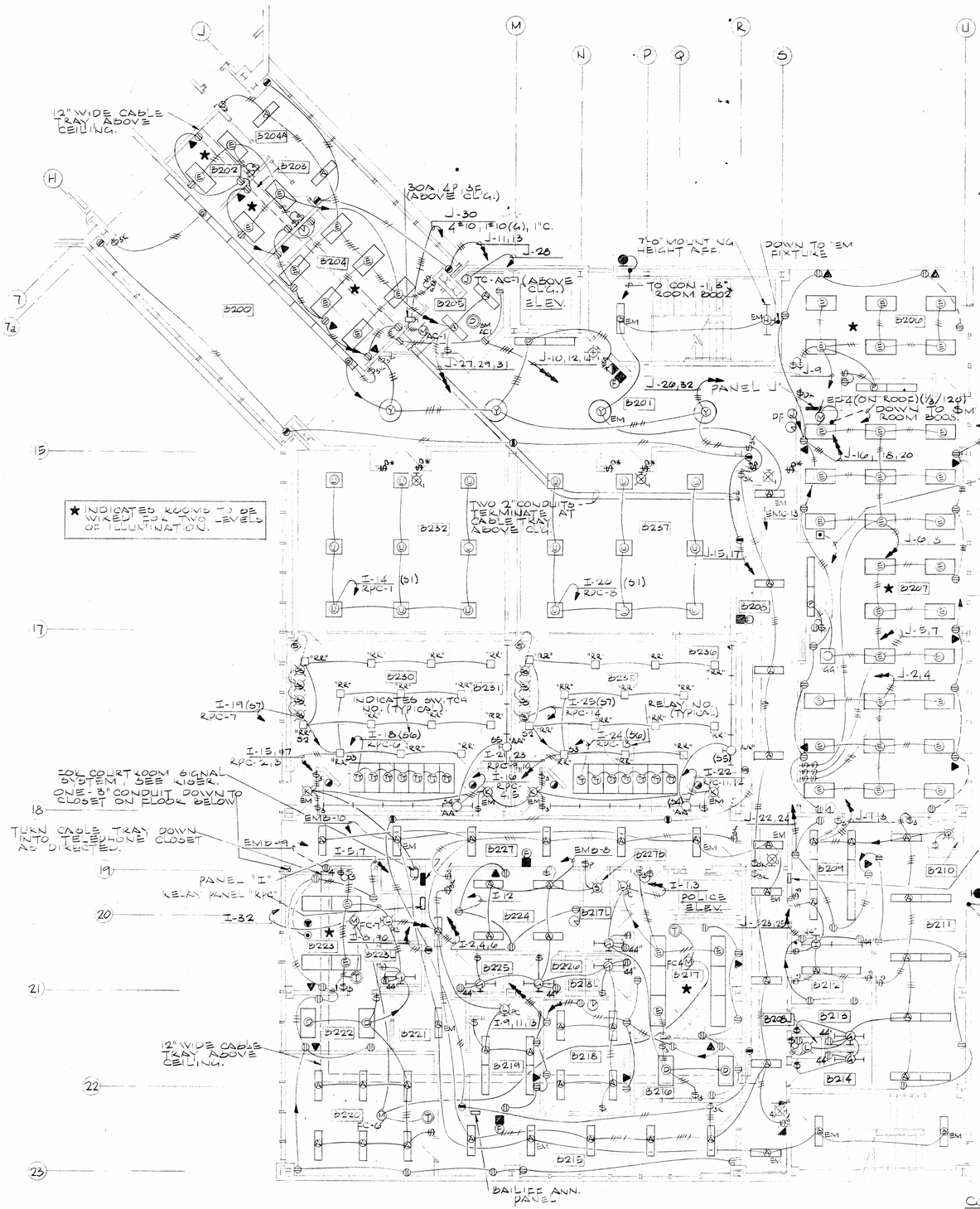
STATE OF OHIO — MALLALIEU 1820 1958 1972 — ROSS 1923 — ROBERTS 2123 — DOLL 2822 — REGISTERED ARCHITECTS

MUNICIPAL GOVERNMENT CENTER
MASSILLON, OHIO

MALLALIEU
ROSS
ROBERTS
DOLL

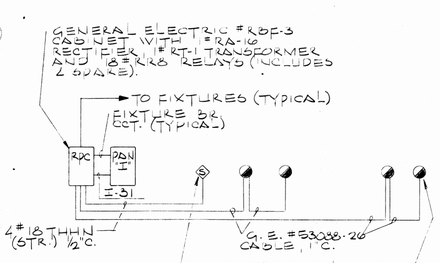
Architects
AKRON · MASSILLON OHIO
MEMBER OF THE AMERICAN INSTITUTE OF AIA ARCHITECTS

COMM. 7117
DATE 4-4-74
SHEET 71



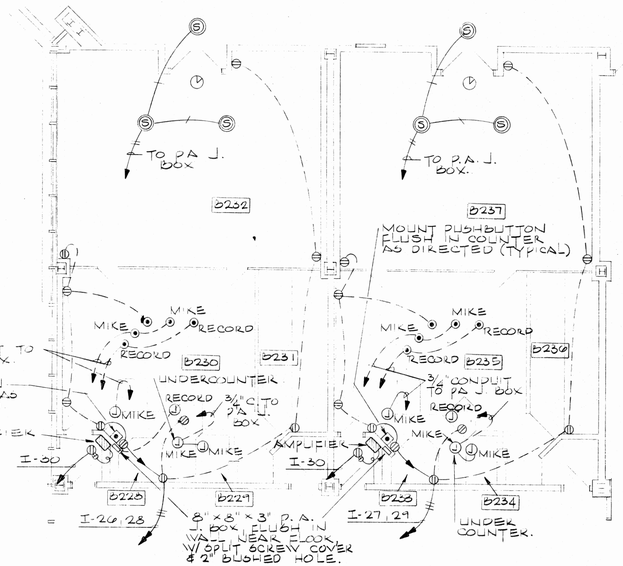
BLDG "B" - UPPER LEVEL FLOOR PLAN

1/8"=1'-0"



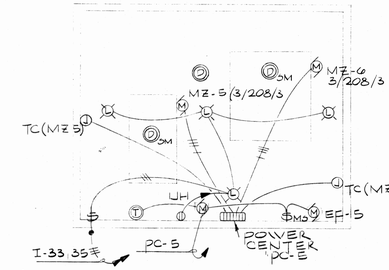
COURTROOM LIGHTING REMOTE CONTROL RISER DIAGRAM

NO SCALE



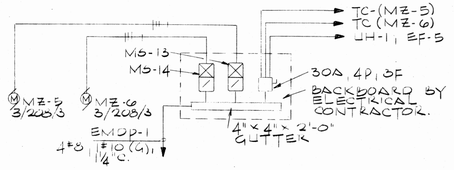
COURTROOM OUTLET DETAIL

SCALE 3/4"=1'-0"



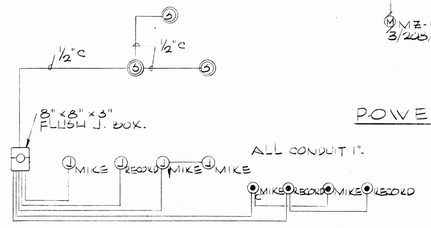
PENTHOUSE FLOOR PLAN - BUILDING "B"

NO SCALE



POWER CENTER "PC-5" (PENTHOUSE - BLDG. "B")

NO SCALE



COURTROOM COMM. RISER (TOTAL OF TWO)

NO SCALE

NOTICE: MINIMUM SIZE WIRING IN ANY PROVISION SHALL BE #12 COPPER. ALL WIRING SHALL BE COPPER.

ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE.

STATE OF OHIO — V.R. MAYFIELD — 19561 — REGISTERED — R.P. CRUMPTON — 19911 — REGISTERED — PROFESSIONAL ENGINEER

STATE OF OHIO — MALLALIEU — ROSS — ROBERTS — DOLL — REGISTERED ARCHITECT

MUNICIPAL GOVERNMENT CENTER
MASSILLON, OHIO

MALLALIEU
ROSS
ROBERTS
DOLL

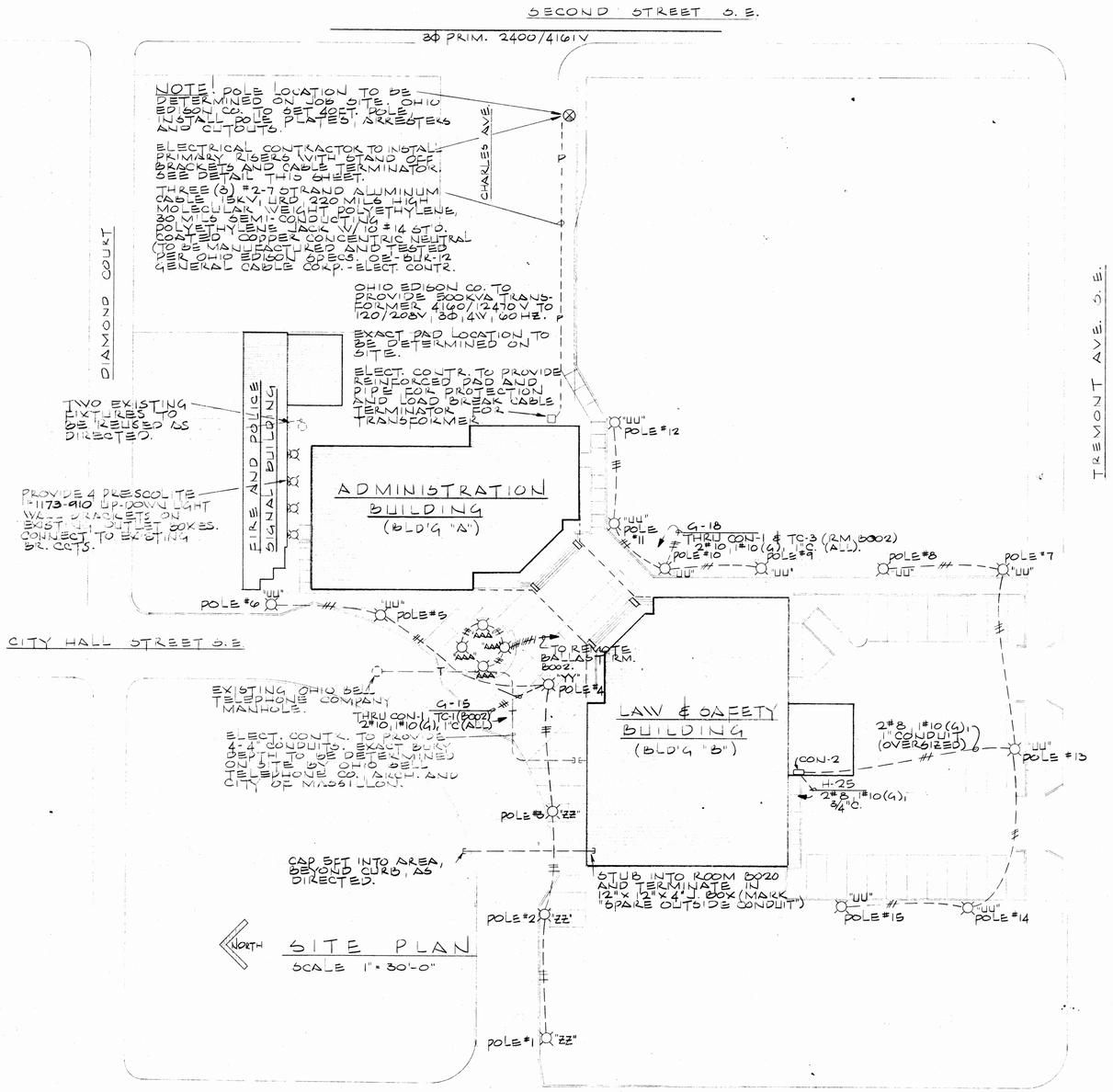
AKRON · MASSILLON OHIO

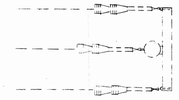
MEMBER OF THE AMERICAN INSTITUTE OF ARCHITECTS — Architects AIA

COMM.	7117
DATE	4-4-74
SHEET	72

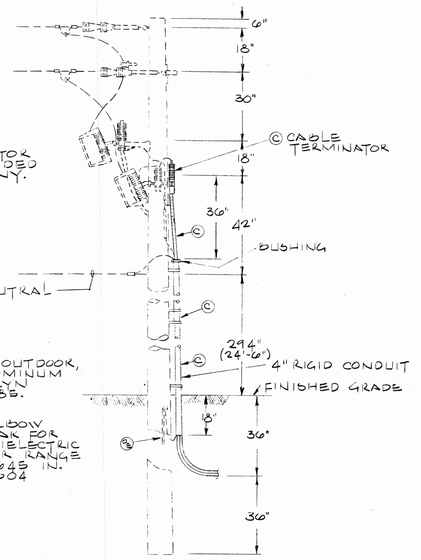
E6 9

OCE' ELLIOTT, INC.





TOP VIEW OF POLE



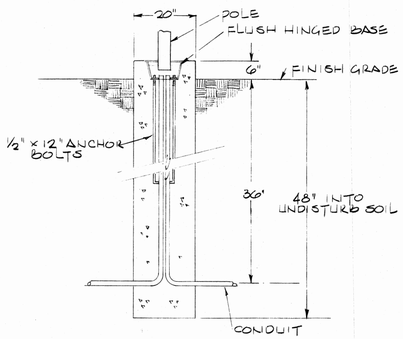
© BY ELECTRICAL CONTRACTOR ALL OTHER ITEMS PROVIDED BY OHIO EDISON COMPANY.

ADD. MATERIAL REQ'D.

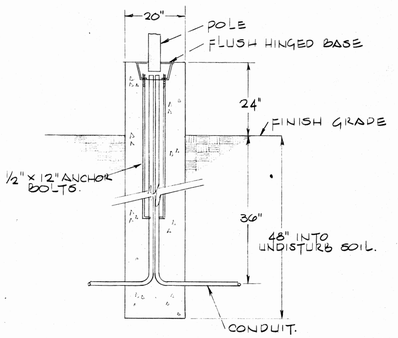
(3 REQ'D) TERMINATOR - CABLE OUTDOOR, 15KV, 3Φ, #2-7 STRAND ALUMINUM W/ CONCENTRIC NEUTRAL, 3 PHASE #19280 ADJ. VIT 80.2C-79 K36. O.E. ID. NO. 3074570.

(3 REQ'D) CONNECTOR - CABLE ELBOW RECEPTACLE 15KV LOADBREAK FOR 15KV, 1/C #2-7 STRAND SOLID DIELECTRIC SHIELDED CABLE. DIAMETER RANGE OVER CABLE INSULATION 0.445 IN. TO 0.800 INCH. KTE 200 E 10 004 O.E. ID. NO. 4989570.

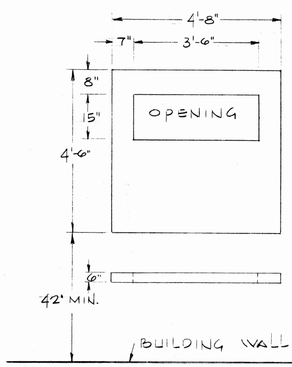
SERVICE POLE DETAIL
NO SCALE



POLE BASE DETAIL
POLES #1, #2, #3, #4, #5, #6, #9, #10, #11, #12
NO SCALE



POLE BASE DETAIL
POLES #7, #8, #13, #14, #15
NO SCALE



PAD DETAIL

1. REINFORCED CONCRETE SLAB ON FOUNDATION W/ WELL OPENING FOR PRIMARY AND SECONDARY CABLES.
2. SLAB TO BE 6" ABOVE SURROUNDING GRADE.
3. DIPE BARRIERS TO BE INSTALLED ON FRONT CORNERS TO PROTECT XFRM.
4. ELECT. CONTR. TO PROVIDE TRANSFORMER GROUND CONSISTING OF TWO 5/8" x 8'-0" SECTIONAL RODS.
5. FINAL DIMENSIONS TO BE VERIFIED W/ ENG. SECTION OF OHIO EDISON CO. & COORDINATE WORK WITH SAME.

METERING DETAILS

1. SECONDARY CURRENT TRANSFORMERS TO BE MOUNTED IN TRANSFORMER BY OHIO EDISON (SECONDARY RATE ONLY)
2. ELECT. CONTR. TO INSTALL METER SOCKET ON BUILDING.
3. METER SOCKET FURNISHED BY OHIO EDISON CO.
4. ELECT. CONTR. TO INSTALL 1½" CONDUIT FROM METER SOCKET TO SECONDARY SIDE OF XFMR.
5. ELECT. CONTR. TO GROUND SOCKET AND CONDUIT W/ GROUNDING TYPE BUSHINGS.
6. OHIO EDISON TO INSTALL SECONDARY METERING CABLES AND CONNECT TO SECONDARY CURRENT TRANSFORMERS.
7. ELECT. CONTR. TO CHECK WITH METER SECTION PRIOR TO INSTALLATION FOR FINAL DETAILS.

NOTE
STANDARD SPECIFICATIONS INCLUDE MINIMUM SIZE WIRE #12 AWG UNLESS NOTED OTHERWISE.

THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS OF WORK AND SHALL BE RESPONSIBLE FOR THE CORRECTNESS OF SAME.

STATE OF OHIO · A.R. MAYFIELD · 19581 · R.P. CULBERTSON · 19221 · REGISTERED · PROFESSIONAL ENGINEER

STATE OF OHIO · MALLALIEU 1220 · ROSS 1772 · ROBERTS 2123 · DOLL 2922 · REGISTERED ARCHITECTS

MUNICIPAL GOVERNMENT CENTER
MASSILLON, OHIO

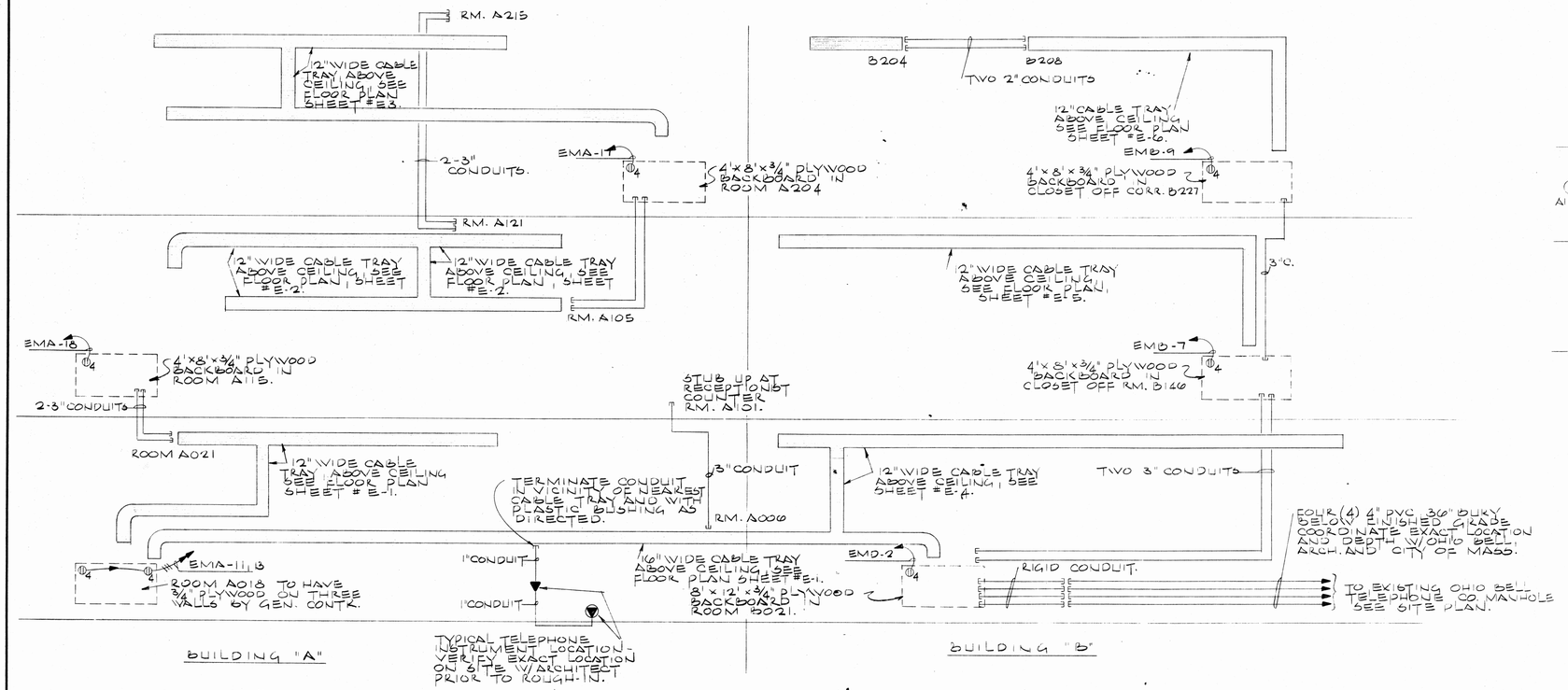
MALLALIEU
ROSS
ROBERTS
DOLL
AKRON · MASSILLON OHIO
MEMBER OF THE AMERICAN INSTITUTE OF AIA ARCHITECTS

Architects

COMM.	7117
DATE	4-4-74
SHEET	73

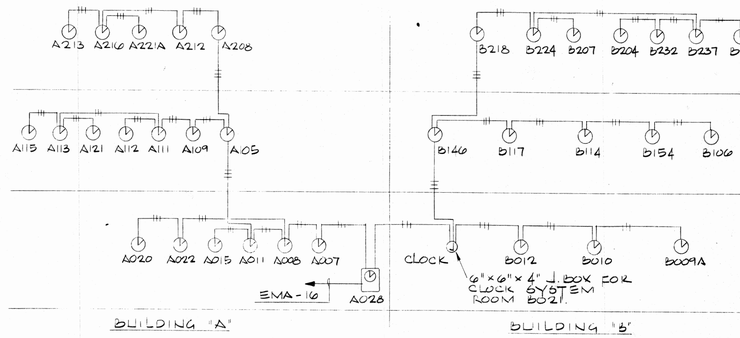
E7|9

OCE' ELLIOTT, INC.



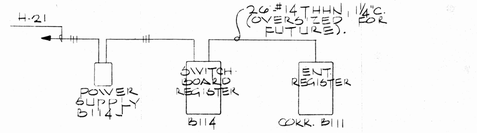
TELEPHONE SERVICE & DISTRIBUTION SYSTEM RISER DIAGRAM

NO SCALE



CLOCK SYSTEM RISER DIAGRAM

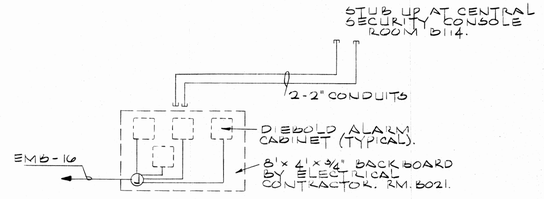
NO SCALE



PATROLMEN'S IN-OUT REGISTER RISER DIAGRAM

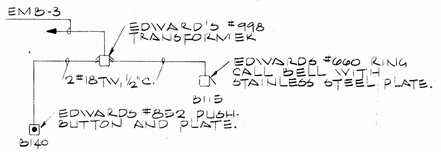
(ALTERNATE)

NO SCALE



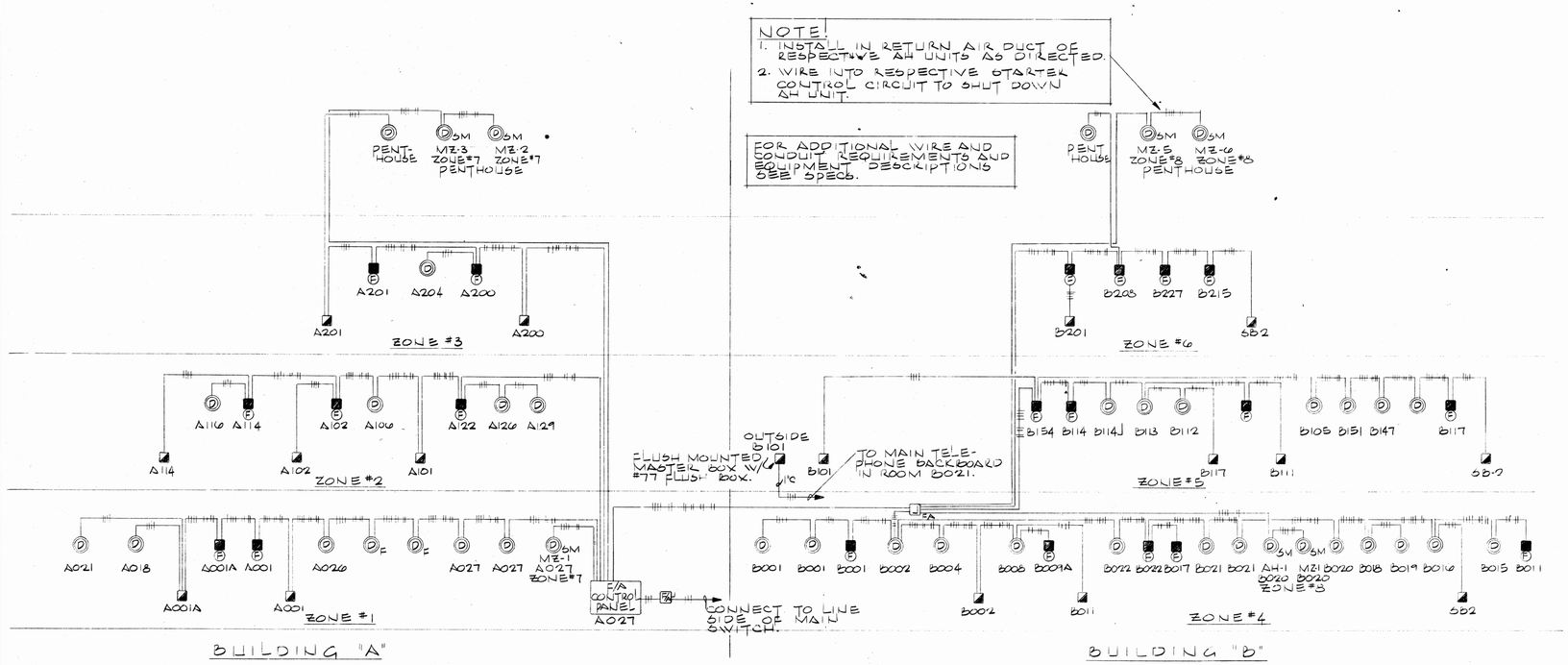
DIEBOLD ALARM SYSTEM CONDUIT RISER DIAGRAM

NO SCALE



VISTOR'S CALL SYSTEM RISER DIAGRAM

NO SCALE



FIRE ALARM SYSTEM RISER DIAGRAM

NO SCALE

NOTE:
MINIMUM SIZE CONDUIT ¾" AND MINIMUM SIZE WIRE #12 E.A.U. UNLESS NOTED OTHERWISE.

FOR MORE DETAILS FOR EXACT DIMENSIONS OF WORK-ING DRAWINGS AND ADDED

STATE OF OHIO V.R. MAYFIELD 14001 R.P. COLLETTSON 20091 REGISTERED PROFESSIONAL ENGINEER

STATE OF OHIO MALLALIEU 1220 ROSS 1772 ROBERTS 2123 DOLL 2922 REGISTERED ARCHITECTS

MUNICIPAL GOVERNMENT CENTER
MASSILLON, OHIO

MALLALIEU
ROSS
ROBERTS
DOLL

Architects

AKRON · MASSILLON OHIO

MEMBER OF THE AMERICAN INSTITUTE OF AIA ARCHITECTS

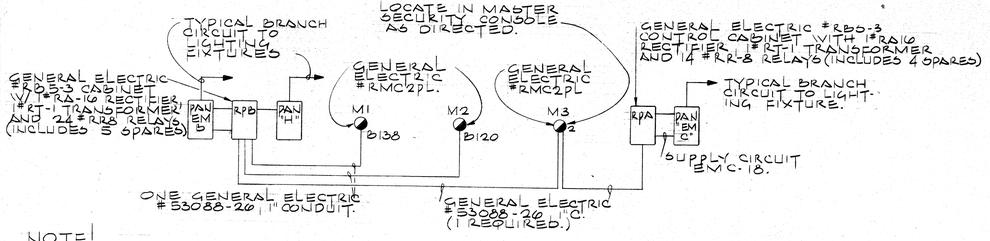
COMM. 7117

DATE 4-4-74

SHEET 74

E8 9

OCE' ELLIOTT, INC.



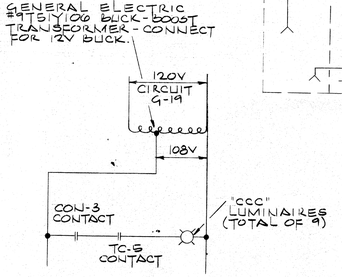
NOTE!
INDIVIDUAL SWITCHES (SW, ETC.) NOT SHOWN ON RISER DIAGRAM. USE #18 TH'N (STRANDED) WIRE IN 1/2" CONDUIT. EACH SWITCH REQUIRES THREE (3) CURRENT CARRYING CONDUCTORS PLUS COMMON NEUTRAL.

M1 — ROOM B138
1. CONTROLS RPB-14
2. CONTROLS RPB-9
3. CONTROLS RPB-1
4. CONTROLS RPB-2
5. BLANK
6. BLANK
7. BLANK
8. BLANK

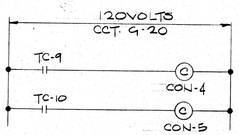
M2 — ROOM B120
1. CONTROLS RPB-13
2. CONTROLS RPB-10
3. CONTROLS RPB-8
4. CONTROLS RPB-7
5. CONTROLS RPB-6
6. CONTROLS RPB-5
7. CONTROLS RPB-4
8. CONTROLS RPB-3

M3
1. CONTROLS RPA-2 (B154)
2. CONTROLS RPA-4 (B154)
3. CONTROLS RPA-5 (B150)
4. CONTROLS RPA-9 (B150)
5. CONTROLS RPA-7 (B155)
6. CONTROLS RPA-10 (GARAGE)
7. CONTROLS RPB-18 (B101)
8. CONTROLS RPB-19 (B101)
9. CONTROLS RPB-13 (B120)
10. CONTROLS RPB-10 (B121, 124, 125)
11. CONTROLS RPB-14 (B138)
12. CONTROLS RPB-9 (B134, 138)
13. CONTROLS RPB-16 (CORR. B117)
14. CONTROLS RPB-17 (CORR. B111)
15. BLANK
16. BLANK

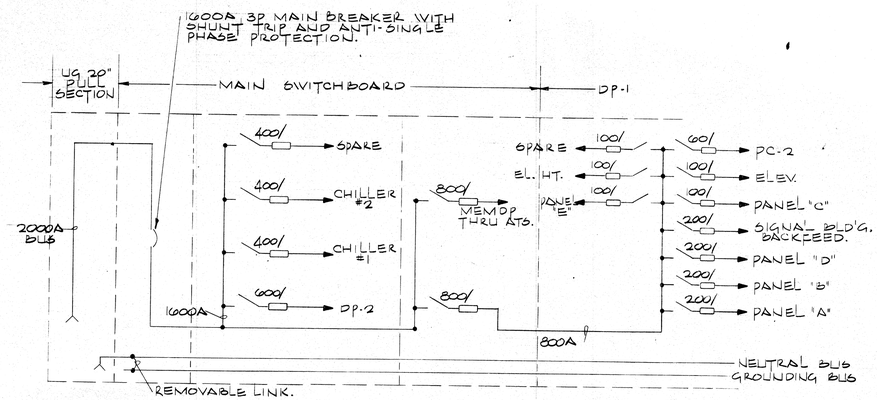
POLICE AREA LIGHTING REMOTE CONTROL RISER DIAGRAM
NO SCALE



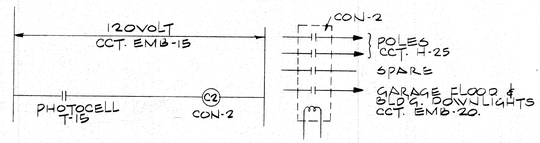
LIGHTING CONTROL FOR UNDER BRIDGE FIXTURES
NO SCALE



SNOW MELTING CONTROL DIAGRAM
NO SCALE



MAIN SWITCHBOARD & DISTRIBUTION PANEL "DP-1" ★
NO SCALE



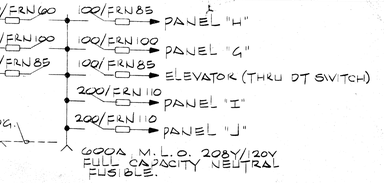
CONTROL DIAGRAM - POLICE PARKING LOT
NO SCALE

★ REQUIRES IDENTIFICATION TAGGING | SEE SPECS.

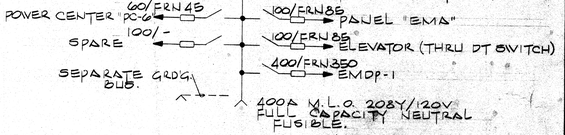
CONTACTOR SCHEDULE ★

CON. NO.	CAT. NO.	POLES	DESCRIPTION
CON-1 ①	ASCO #166040-C	4P, N.O.	120V COIL, 60HZ, 120 & 208V LINE
CON-2 ①	ASCO #166060-C	6P, N.O.	120V COIL, 60HZ, 120 & 208V LINE
CON-3 ①	ASCO #166040-C	4P, N.O.	120V COIL, 60HZ, 120 & 208V LINE
CON-4	ALLEN-BRADLEY #702L-CAD93	3P, N.O.	120V COIL, 60HZ, 120 & 208V LINE
CON-5	ALLEN BRADLEY #702L-CAD93	3P, N.O.	120V COIL, 60HZ, 120 & 208V LINE

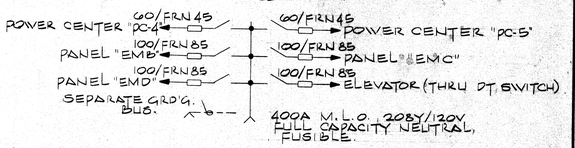
① TO BE EQUIPPED WITH RELAY TO PERMIT USE OF TWO WIRE CONTROL.



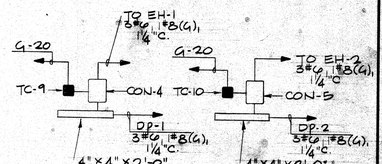
DISTRIBUTION PANEL "DP-2" (B022) ★
NO SCALE



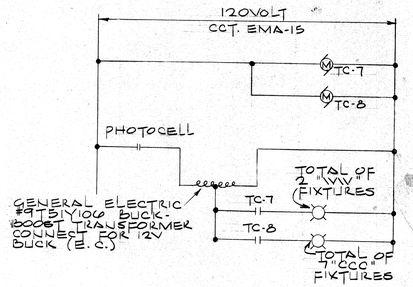
MAIN EMERGENCY DIST. PANEL "MEMDP" (A-029) ★
NO SCALE



EMERGENCY DIST. PANEL "EMDP-1" (B-022) ★
NO SCALE

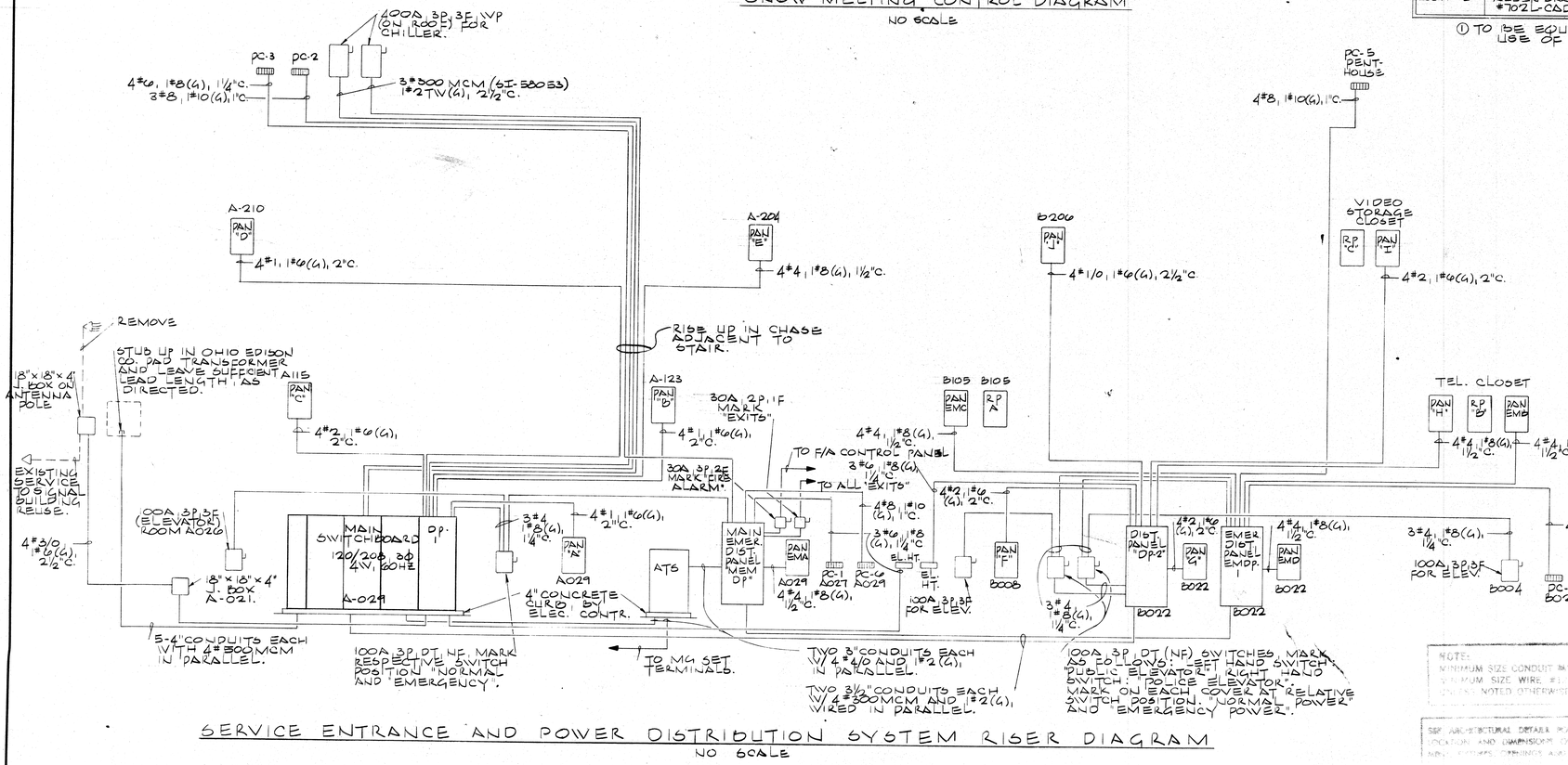


ELECTRIC HEAT POWER CENTERS
NO SCALE



NOTE!
SEE ADDITIONAL CONTROL DIAGRAM FOR FLOODS UNDER BRIDGE.

EXTERIOR BUILDING LIGHTING CONTROL "BLDG"
NO SCALE



SERVICE ENTRANCE AND POWER DISTRIBUTION SYSTEM RISER DIAGRAM
NO SCALE

STATE OF OHIO — V. R. MAYFIELD 14561 — R. P. CUILBERTSON 19591 — REGISTERED PROFESSIONAL ENGINEER

STATE OF OHIO — MALLALIEU 1220 — ROSS 1772 — ROBERTS 2123 — DOLL 2922 — REGISTERED ARCHITECTS

MUNICIPAL GOVERNMENT CENTER MASSILLON, OHIO

MALL
ROSS
ROB
DO
AK

MEMBER

OGE ELLIOTT, INC.

LIGHTING FIXTURE SCHEDULE

SYM	CAT. NO.	DESCRIPTIONS	MOUNTING	LAMPS
A	GHN21-4-CF-807	DAY-BRITE "CLYMATRON III" RECESSED 1'X4' TROFFER WITH REGRESSED GRIDLESS OCTEX ENCLOSURE HEAT TRANSFER TYPE, FOR LAY-IN CEILING.	CEILING RECESS	2-F40RS/WW
B	FHN21-4-CF-807	DAY-BRITE "CLYMATRON III" RECESSED 1'X4' TROFFER WITH REGRESSED GRIDLESS OCTEX ENCLOSURE, HEAT TRANSFER TYPE, FOR PLASTER CEILING.	CEILING RECESS	2-F40RS/WW
C	969024	L.P.I. SURFACE MOUNTED 1'X4' WITH INJECTION MOLDED ACRYLIC DIFFUSER WITH ALL EXPOSED METAL PAINTED BAKED WHITE ENAMEL.	CEILING SURFACE	2-F40/RS WW
D	GHN22-4-CF-857	DAY-BRITE "CLYMATRON III" RECESSED 2'X4' TROFFER W/ REGRESSED GRIDLESS OCTEX ENCLOSURE HEAT TRANSFER TYPE, FOR LAY-IN CEILING.	CEILING RECESS	2-F40RS/WW
E	GHN42-4-CF-857	DAY-BRITE "CLYMATRON III" RECESSED 2'X4' TROFFER WITH REGRESSED GRIDLESS OCTEX ENCLOSURE HEAT TRANSFER TYPE, FOR LAY-IN CEILING.	CEILING RECESS	4-F40RS/WW
F	WB-2	PRESCOLITE WALL BRACKET WITH WHITE THERMOPAL GLASS AND BRUSHED ALUMINUM FINISH.	WALL SURFACE	1-100A/99
G	5240W	DAY-BRITE "UTILITY" WITH TOP AND BOTTOM ACRYLIC DIFFUSER AND BAKED WHITE ENAMEL FINISH.	WALL SURFACE	2-F40RS/WW
H	FB-204-4/4	LAM WALL BRACKET WITH WALNUT FINISH. FOUR FEET OF LIGHT AND FOUR FEET OF SHIELDING. MOUNT 5'-6" ABOVE FINISH FLOOR.	WALL SURFACE	2-F40RS/WW
H	340H	ALKCO UNDERCOUNTER LIGHT WITH ACRYLIC DIFFUSER AND BAKED WHITE ENAMEL FINISH.	UNDER COUNTER	1-F40RS/WW
K	1220-920	PRESCOLITE RECESSED DOWN-LIGHT WITH BLACK MILLIGROOVE BAFFLE AND MATTE WHITE TRIM RING.	CEILING RECESS	1-150R40 FL
L	111	ARROW PORCELAIN KEYLESS LAMPHOLDER	CEILING SURFACE	1-100A/99
N	56624RS/DW	LITECONTROL 6" WIDE "MOD-606" BAKED WHITE ENAMEL FINISH AND MATTE WHITE CROSS BAFFLE.	CEILING SURFACE	2-F40RS/WW
O	8524RS	LITECONTROL 6" WIDE "MOD-606" WALLSLOT WITH BAKED WHITE ENAMEL FINISH. FOR PLASTER CEILING.	CEILING RECESS	2-F40RS/WW
P	GX6624RS DW	LITECONTROL 6" WIDE "MOD-606" RECESSED FIXTURE WITH WHITE CROSS BAFFLE. FOR LAY IN CEILING.	CEILING RECESS	2-F40RS/WW
Q	HH-13	PERFECLITE THIN TRIM DRUM WITH OPAL GLASS AND BRUSHED ALUMINUM FINISH.	CEILING SURFACE	2-60A/99
R	FB204 x 6/8	LAM WALL BRACKET WITH WALNUT FINISH. EIGHT FEET OF TRIMMABLE SHIELDING AND SIX FEET OF LIGHT. MOUNT 5'-6" ABOVE FINISHED FLOOR.	WALL SURFACE	2-F40RS/WW
S	TW-150-T41	DAY-BRITE VANDAL RESISTANT UNI-FRAME WITH PYREX TEMPERED PRISMATIC LENS COMPLETE W/ PLASTER FRAME.	CEILING RECESS	1-75A/99
T	1212-960	PRESCOLITE RECESSED ROUND DARK CONE DOWNLIGHT FOR PLASTER CEILING.	CEILING RECESS	1-75R30 FL
U	FHN22-2U-CF-457	DAY-BRITE "CLYMATRON III" RECESSED 2'X2' TROFFER W/ REGRESSED GRIDLESS OCTEX ENCLOSURE HEAT TRANSFER TYPE, "U" SHAPED LAMPS, FOR PLASTER CEILING.	CEILING RECESS	2-F40RS/U/WW
V	FB-204x4/6	LAM WALL BRACKET WITH WALNUT FINISH, FOUR FEET OF LIGHT AND SIX FEET OF TRIMMABLE SHEILDING. MOUNT 5'-6" ABOVE FINISHED FLOOR.	WALL SURFACE	2-F40RS/WW
W	FHN42-4-CF-857	DAY-BRITE "CLYMATRON III" RECESSED 2'X4' TROFFER W/ REGRESSED GRIDLESS OCTEX ENCLOSURE HEAT TRANSFER TYPE FOR CONCEALED SPLINE CEILING.	CEILING RECESS	4-F40RS/WW
Y	C6PR8934-3R	SUN-BEAM CIRCULAR RECESSED THREE FOOT LUMINAIR WITH DOMED MOLDED TRANSLUCENT WHITE ACRYLIC DIFFUSER AND BAKE WHITE TRIM FINISH. FOR PLASTER CEILING.	CEILING RECESS	4-F40RS/WW
Z	C6PR3922-2UR	SUN-BEAM CIRCULAR RECESSED TWO FOOT LUMINAIR WITH DOMED MOLDED TRANSLUCENT WHITE ACRYLIC DIFFUSER AND BAKED WHITE TRIM FINISH. FOR PLASTER CEILING.	CEILING RECESS	2-F40RS/U/WW/6
AA	JN-240	LITHONIA UNIVERSAL SERIES STRIP FIXTURE WITH BAKED WHITE ENAMEL FINISH.	CEILING SURFACE IN COVE.	2-F40RS/WW
BB	FL6-75	PERFECLITE SHOWER LIGHT W/WHITE DROPPED BOWL AND BRUSHED SATIN ALUMINUM FINISH.	CEILING RECESS	1-100A/99
CC	45295-4	DAY-BRITE "LITEWAY" WITH BAKED WHITE ENAMEL FINISH.	CEILING SURFACE	2-F40RS/WW
DD	26FH140-6044	KEENE 6" WIDE RECESSED FLUORESCENT WALL WASHER TROFFER WITH HOLOPHANE #6044 LENS. FOR PLASTER CEILING.	CEILING RECESS	1-F40RS/WW
EE	MLA-502	MOLDCAST ECONOMY LAMP-HOLDER 500 SERIES WITH ALUMINUM LUSTER LIGHT FINISH.	ON BAFFLE	2-150PAR/38FL.
FF	MLA-501	MOLDCAST ECONOMY LAMP-HOLDER 500 SERIES WITH ALUMINUM LUSTER LIGHT FINISH.	ON BAFFLE	1-150PAR/38FL

LIGHTING FIXTURE SCHEDULE CON'T.

SYM	CAT. NO.	DESCRIPTIONS	MOUNTING	LAMPS
GG	GHN22-2U-CF-457	DAY-BRITE "CLYMATRON III" RECESSED 2'X2' TROFFER W/ REGRESSED GRIDLESS OCTEX ENCLOSURE HEAT TRANSFER TYPE, "U" SHAPED LAMPS, FOR LAY-IN CEILING.	CEILING RECESS	2-F40RS/U/WW
HH	GHN42-4-EC-75	DAY-BRITE "CLYMATRON III" RECESSED 2'X4' TROFFER W/ CORNING #EC-75 REFLECTIVE LENS AND RADIO FREQUENCY SUPPRESSOR HEAT TRANSFER TYPE, FOR LAY-IN CEILING.	CEILING RECESS	4-F40RS/WW
II	T4G21-VT 607-4	DAY-BRITE VANDAL RESISTANT MOBILEX TROFFER 1'X4' WITH VANGUARD HIGH IMPACT EXTRUDED ACRYLIC GRIDLESS OCTEX ENCLOSURE. FOR LAY-IN CEILING.	CEILING RECESS	2-F40RS/WW
KK	T2-G22U-VT257-4	DAY-BRITE VANDAL RESISTANT MOBILEX TROFFER 2'X2' W/ VANGUARD HIGH IMPACT EXTRUDED ACRYLIC GRIDLESS OCTEX ENCLOSURE. FOR LAY-IN CEILING.	CEILING RECESS	2-F40RS/U/WW
LL	T4G42-VT 657-4	DAY-BRITE VANDAL RESISTANT MOBILEX RECESSED TROFFER 2'X4' WITH VANGUARD HIGH IMPACT EXTRUDED ACRYLIC GRIDLESS OCTEX ENCLOSURE. FOR LAY-IN CEILING.	CEILING RECESS	4-F40RS/WW
NN	T4F21-VT 707-4	DAY-BRITE VANDAL RESISTANT MOBILEX RECESS TROFFER 1'X4' WITH VANGUARD HIGH IMPACT EXTRUDED ACRYLIC GRIDLESS OCTEX ENCLOSURE. FOR PLASTER CEILING.	CEILING RECESS	2-F40RS/WW
OO	SPECIAL	FIXTURE SUPPLIED BY JAIL CELL SUPPLIER BUT MOUNTED AND WIRED BY ELECTRICAL CONTRACTOR. ELECTRICAL CONTRACTOR TO PROVIDE LAMPS	WALL SURFACE	2-F40RS/WW
PP	SPECIAL	FIXTURE SUPPLIED BY JAIL CELL SUPPLIER BUT MOUNTED AND WIRED BY ELECTRICAL CONTRACTOR. ELECTRICAL CONTRACTOR TO PROVIDE LAMPS	WALL RECESS	1-150A/99
QQ	V11240-4	DAY-BRITE "VANGUARD" VIGILANTE "WITH HIGH IMPACT VANGUARD WRAPAROUND ENCLOSURE.	CEILING SURFACE	2-F40RS/WW
RR	M12HA-CRI	ART-METAL CAST SERIES SQUARE MERCURY RECESSED MODULE WITH HOLOPHANE FLAT CONTROLEN AND BLACKVEIN BLACK REGRESSED WELL 4 GROOVE BAFFLES, COMPLETE WITH PLASTER FRAME.	CEILING RECESS	1-175W MERCURY
SS	D408	OMEGA RECESSED DIRECTIONAL WALL WASHER W/SPECULAR BLOCK ALZAK ALUMINUM CONE COMPLETE WITH PLASTER FRAME.	CEILING RECESS	1-150PAR/38/SP
TT	GHN22-4-8224-Y	DAY-BRITE "CLYMATRON III" RECESSED 2'X4' TROFFER W/ HOLOPHANE #8224-Y REFRACTIVE GRID LENS WITH INTERFACE. TO BE MOUNTED IN LAY IN REMEMBER FIXTURES TO BE SUPPORTED FROM STRUCTURE SEPARATELY.	CEILING RECESS	2-F40RS/WW
UU	2425-208-10-RG-5-FHB	MOLDCAST LANDSCAPE CHANDELIERS SQUARE WITH CLEAR COLORLESS ENCLOSURE WITH GOLD DISTRIBUTION REFLECTOR ON 16FT. POLE WITH FLUSH HINGED BASE.	SEE DETAIL	1-H39-22 BP/DX (175W)
VV	2740-120V-MGC	MOLDCAST RECESSED DOWN-LIGHT WITH GOLD CONTROLUX CONE COMPLETE WITH PLASTER RING.	CEILING RECESS	1-175R40 MERCURY
WW	1155-920	PRESCOLITE CYLINDER DOWN-LIGHT WALL BRACKET WITH BLACK MILLIGROOVE BAFFLE AND BRONZOTIC FINISH.	WALL SURFACE	1-150PAR/38/FL
YY	2425-208-10-RG-FHB	MOLDCAST LANDSCAPE CHANDELIERS SQUARE WITH CLEAR COLORLESS ENCLOSURE WITH GOLD DISTRIBUTION REFLECTOR ON 16FT. POLE WITH FLUSH HINGED BASE.	SEE DETAIL	1-H39-22 BP/DX (175W)
ZZ	2425-208-10-RG-A-FHB	MOLDCAST LANDSCAPE CHANDELIERS SQUARE WITH CLEAR COLORLESS ENCLOSURE WITH GOLD DISTRIBUTION REFLECTOR ON 16FT. POLE WITH FLUSH HINGED BASE.	SEE DETAIL	1-H39-22 BP/DX (175W)
AAA	G-1001-FB SPECIAL	BRONZELITE LUMINAIRE WITH #GL-1 LOUVER AND REMOTE CONSTANT WATTAGE HPF 120V, MERCURY BALLAST. NOTE: LUMINAIRE SUPPLIED TO PROVIDE COMMON VENTILATED STEEL ENCLOSURE COMPLETE WITH 4 BALLASTS (ONE BALLAST FOR EACH OF FOUR FIXTURES).	GROUND RECESS	1-H39BN-175C (175R40 MERCURY)
BBB	MWBA-DZ-208	MOLDCAST MERCURY SECURITY OUTDOOR WALL BRACKET W/ DARK BRONZE FINISH. 208VOLTS.	WALL SURFACE	1-H39KC-175-WDX
CCC	2714 MGC	MOLDCAST RECESSED DOWNLIGHT WITH GOLD CONTROLUX COVE; COMPLETE W/PLASTER FRAME.	CEILING RECESS	1-150PAR 30
X_1	401-G	MOLDCAST "EXIT" SIGN, SINGLE FACE, NO ARROW.	FLAT WALL	INTEGRAL
X_2	411-G	MOLDCAST "EXIT" SIGN, SINGLE FACE, NO ARROW.	END MOUNT	INTEGRAL
X_3	421-G	MOLDCAST "EXIT" SIGN, SINGLE FACE, NO ARROW.	CEILING SURFACE	INTEGRAL
X_4	411-G-AL	MOLDCAST "EXIT" SIGN, SINGLE FACE, ARROW LEFT.	END MOUNT	INTEGRAL

ELECTRICAL SYMBOLS

SYM.	DESCRIPTIONS
$	HUBBELL #1221, 20A, 5P, SWITCH.
$K	HUBBELL #1221-L, 20A, 5P, LOCK TYPE SWITCH.
$3	HUBBELL #1223, 20A, 3W, SWITCH.
$3K	HUBBELL #1223-L, 20A, 3W, LOCK TYPE SWITCH.
$4	HUBBELL #1224, 20A, 4W, SWITCH.
$4K	HUBBELL #1224-L, 20A, 4W, LOCK TYPE SWITCH.
$P	HUBBELL #1221/432/729B, 20A, 5P, SWITCH W/ PILOT LIGHT & JEWEL.
$DIM	LUTRON #N-2000 INCANDESCENT DIMMER.
$a	LOWER CASE LETTER INDICATES SWITCHING ARRANGEMENT.
(S)	GENERAL ELECTRIC #RG62PL REMOTE CONTROL SWITCH WITH PILOT LIGHT AND STAIN-LESS PLATE. SUBSCRIPT INDICATES QUANTITY OF SWS. WHERE GREATER THAN ONE.
$M	ALLEN BRADLEY #600TOX109 MANUAL STARTING SWITCH W/ PILOT LIGHT, FLUSH MOUNTED
$M6	ALLEN BRADLEY #600TAX109 MANUAL STARTING SWITCH W/ PILOT LIGHT, SURFACE MOUNTED.
$@	SWITCH AND RECEPTACLE IN TWO GANG BOX 42" CENTER LINE MOUNTING HEIGHT.
◒	REMOTE CONTROL SWITCH, SEE RISER DIAGRAM.
⊕	HUBBELL #5362, 20A, 125V, DUPLEX RECEPTACLE, GROUNDING TYPE.
⊕VP GFI	PASS AND SEYMOUR #4000/8300/26 20A, 125V DUPLEX RECEPT., GROUNDING TYPE. PROVIDE GROUND FAULT INTERRUPTER CIRCUIT BREAKER IN PANELBOARD FOR RESPECTIVE BRANCH CIRCUITS.
⊕4	TWO HUBBELL #5362 20A, 125V DUPLEX RECEPTACLES GROUNDING TYPE WITH COMMON PLATE AND COMMON NEUTRAL.
⊕R	HUBBELL #5362, 20A, 125V, DUPLEX RECEPTACLE, GROUNDING TYPE, RED IN COLOR TO BE ON EMERGENCY POWER.
⊕D	SIERRA #VPH-8/14666 WEATHER-PROOF RECEPTACLE AND COVER (NO SUBSTITUTE).
⊕TL	HUBBELL #2310, 20A, 3WIRE TWIST-LOCK RECEPTACLE IN ONE GANG BOX WITH COVER PLATE.
⊕TL WP	HUBBELL #2310, 20A, 3WIRE TWIST-LOCK RECEPTACLE IN ONE GANG BOX WITH WEATHERPROOF COVER AND GASKET.
⊕CLG.	HUBBELL #5362, 20A, 125V, DUPLEX RECEPTACLE, GROUNDING TYPE MOUNTED IN CEILING.
◐	HUBBELL #5492, 20A, 125V, 20A, 250V COMBINATION DUPLEX RECEPTACLE, GROUNDING TYPE.
⊙	STEEL CITY #60 1 AL/5FH-40-RG FLOOR BOX WITH GROUNDED DUPLEX RECEPTACLE.
⊙MIKE C	STEEL CITY #88DA SERIES FLOOR BOX WITH CARPET FLANGES #489-MA MICROPHONE ADAPTOR AND NECESSARY MICROPHONE JACK. PROVIDE BELL NOZZLE.
⊙RECORD	STEEL CITY #88DA SERIES FLOOR BOX WITH #694H SINGLE ACCESS COVER PLATE, CARPET FLANGES #489-MA MICROPHONE ADAPTOR AND NECESSARY RECORD JACK.
⊙SW	STEEL CITY #88DA SERIES FLOOR BOX AND TYPE BRONZE FINISH WITH #478-1 RECEPTACLE. PROVIDE P-90-CP CARPET PLATE WHERE NECESSARY COMPLETE WITH #530R LEW BELL NOZZLE.
⊠	DESK MICROPHONE, SEE SPECS.
⊙R	STEEL CITY #60 1 AL/5FH-40-RG FLOOR BOX WITH GROUNDED DUPLEX RECEPTACLE, RED IN COLOR, ON EMERGENCY POWER.
◒	STEEL CITY #60 1 AL FLOOR BOX WITH TELEPHONE SERVICE FITTING.
▼	TELEPHONE OUTLET WITH STAINLESS STEEL PLATE.
▼PS	TELEPHONE OUTLET PAY STATION, MOUNT AS DIRECTED
◴	JUNCTION BOX, STANDARD 4" SQUARE OR OCTAGON BOX WITH COVER.
◴DSF	STANDARD 4" SQUARE OR OCTAGON BOX FOR ELECTRIC WATER COOLER. VERIFY EXACT LOCATION AND MOUNTING HEIGHT WITH ARCHITECT BEFORE INSTALLATION AND CONNECT TO UNIT AS REQUIRED.

ELECTRICAL SYMBOLS CON'T.

SYM.	DESCRIPTIONS
◴DWYER	STANDARD 4" SQUARE OR OCTAGON BOX FOR KITCHENETTE UNIT. LOCATE AND CONNECT AS REQ'D.
◴MOD	STANDARD 4" SQUARE OR OCTAGON BOX FOR MOTOR OPERATED DAMPER. LOCATE & CONNECT AS REQUIRED.
◴TC	STANDARD 4" SQUARE OR OCTAGON BOX FOR TEMP. CONTROL CABINET LOCATE AND CONNECT AS REQ'D
◴CLG.	STANDARD 4" SQUARE OR OCT. BOX MOUNTED IN CEILING AS DIRECTED.
◴MIKE	FLUSH MOUNTED JUNCTION BOX WITH NECESSARY MICROPHONE INPUT JACK AND STAINLESS STEEL COVER.
◴PROJ.	FLUSH MOUNTED ONE GANG JUNCTION BOX FOR PROJECTOR COMPLETE WITH #1-SMITH-CRAFT JACK AND #5102 SOUNDTECH PLATE.
ⓉSTAT	THERMOSTAT FURNISHED AND INSTALLED BY H&V BUT WIRED BY ELECTRICAL CONTRACTOR AS SHOWN ON ELECTRICAL DRAWINGS.
Ⓜ	ELECTRIC MOTOR (BY OTHERS) HORSEPOWER AS NOTED.
ⓂEF	EXHAUST FAN (BY H&V).
ⓂCH	CABINET HEATER (BY H&V).
ⓂME	MULTI-ZONE AIR HANDLING UNIT (BY H&V).
ⓂAH	AIR HANDLING UNIT (BY H&V).
ⓂAC	SELF CONTAINED AIR CONDITIONING UNIT (BY H&V).
ⓂFC	FAN COIL UNIT (BY H&V).
◷	CLOCK, SEE SPECS.
Ⓢ	DUKANE #5A457 SPEAKER IN CEILING.
ⓈVP	DUKANE #5A457/VP60-R SPEAKER IN CEILING WITH WEATHERPROOF COVER.
Ⓚ	DUKANE #A4E-15T ATLAS SPEAKER IN CELL AREA.
ⓀF	DUKANE #5A457/VP60-R SPEAKER IN WALL.
ⓀH	DUKANE #5A30 HORN.
ⓀCS	DUKANE #48121 SPEAKER-CALL UNIT.
◙	DUKANE #9C15 CALL SWITCH.
◘1	DUKANE #5RS-1G-1P FLUSH MOUNTED PUSHBUTTON (WALL) WITH STAINLESS STEEL PLATE.
◘3	DUKANE #5RS-2G-3P FLUSH MOUNTED PUSHBUTTON (COUNTER OF JUDGES BENCH) BUTTONS TO BE LABELLED "POLICE", "BAILIFF", AND "CLERK".
CCTV	CLOSE CIRCUIT TV CAMERA, SEE SPECS.
ANN BAILIFF / ANN CLERK	DUKANE #5RL-2L FLUSH MOUNTED ANN. PANEL TWO PILOT LIGHTS, LABEL "COURTROOM 1" AND "COURTROOM 2". 24 VOLTS.
ANN POLICE	DUKANE #5RL-5L FLUSH MOUNTED ANN. PANEL FIVE PILOT LIGHTS, LABEL "COURTROOM 1", COURT-ROOM 2", "CLERK OF COURTS", "AUDITOR" AND "SERVICE DEPT." 24VOLTS.
◪	FIRE ALARM SENDING STATION, SEE SPECS.
■F	FIRE ALARM BELL, SEE SPECS.
◎	FIRE ALARM HEAT DETECTOR, SEE SPECS.
◎F	FIRE ALARM HEAT DETECTOR, FIXED TEMPERTURE, SEE SPECS.
◎SM	FIRE ALARM SMOKE DETECTOR, SEE SPECS.
★FA	30A, 3P, 2F DISCONNECT SWITCH FOR FIRE ALARM SYSTEM.
★EX	30A, 2P, 1F DISCONNECT SWITCH FOR EXIT LIGHT SYSTEM.
★▬	LIGHTING OR POWER PANEL.
★▭RPA	RELAY PANEL
★▭	DISCONNECT SWITCH, SIZE AND TYPE AS NOTED.
★⊠	COMBINATION FUSIBLE SWITCH AND MOTOR STARTER, SEE SCHEDULE.
★▥	POWER CENTER, SEE RISER.
★▨	DISTRIBUTION PANEL.

STATE OF OHIO
V. R. MAYFIELD 14581
R. P. CULBERTSON 19591
REGISTERED PROFESSIONAL ENGINEER

STATE OF OH
MALLALIEU 1220
ROSS 1772
ROBERTS 2123
DOLL 2922
REGISTERED ARCH.T