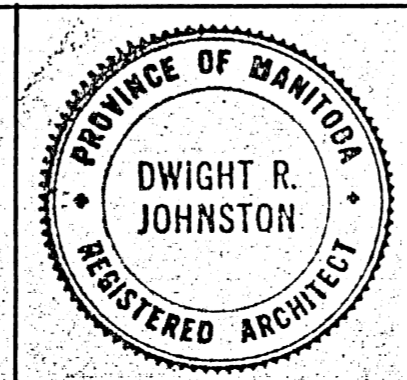
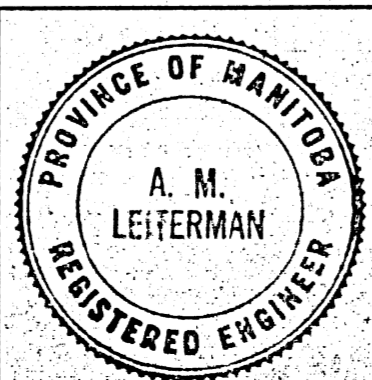
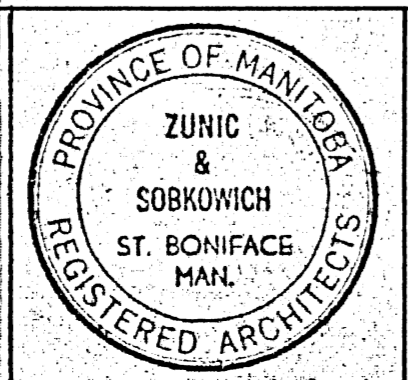


**B-14**  
**FILE**  
RETURN TO CIVIC  
PROPERTY DEPARTMENT  
INVENTORY.  
3167.2

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PHONE 786-3441



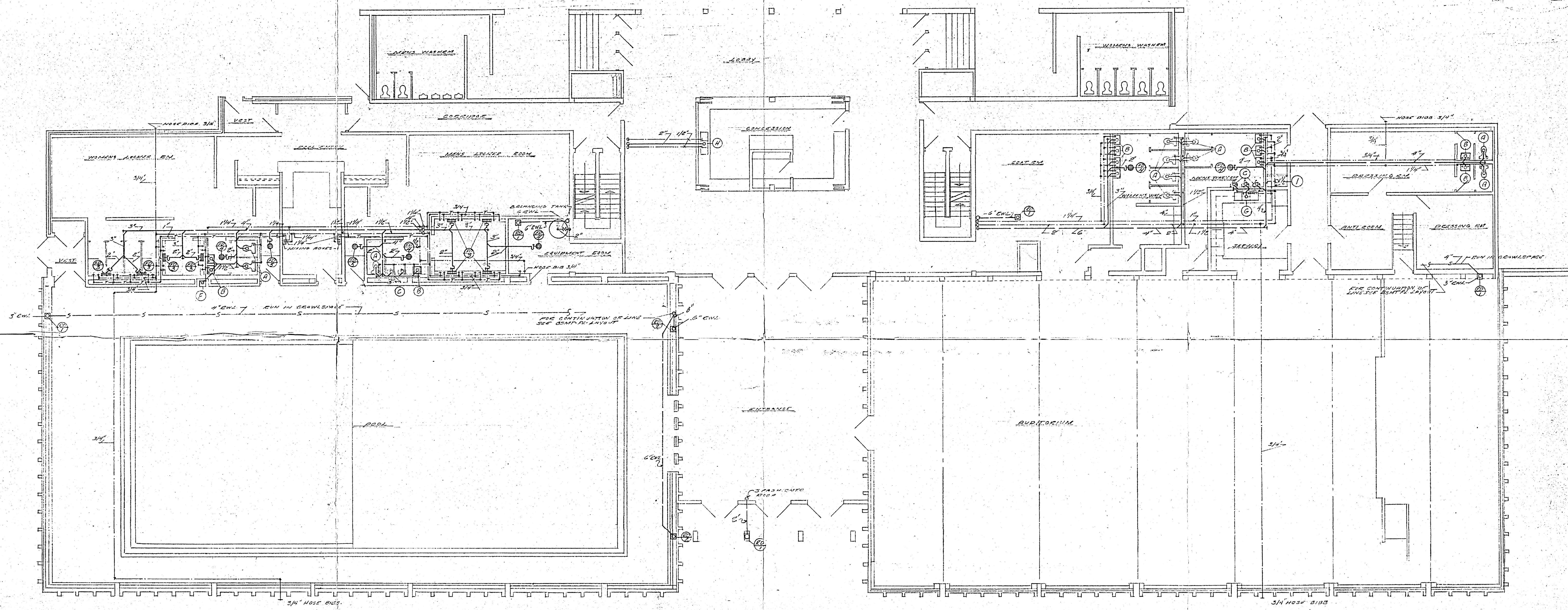
**ZUNIC & SOBKOWICH**  
**DWIGHT R. JOHNSTON**  
ARCHITECTS  
204-309 TACHE AVE. ST. BONIFACE MAN.  
1854 PORTAGE AVE. ST. JAMES MAN.

REVISIONS		
NO.	DESCRIPTION	BY DATE

DRAWN BY: J. G. GRIMSMAW  
CHECKED BY: [Signature]  
DATE: JUN 11 1965

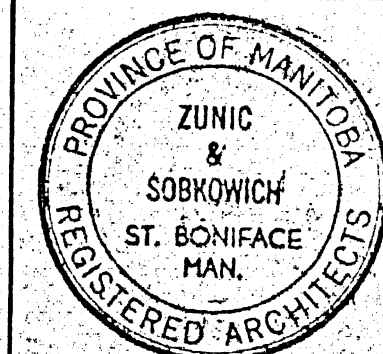
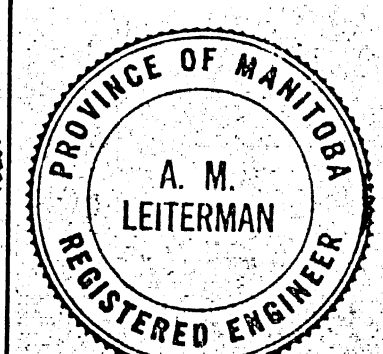
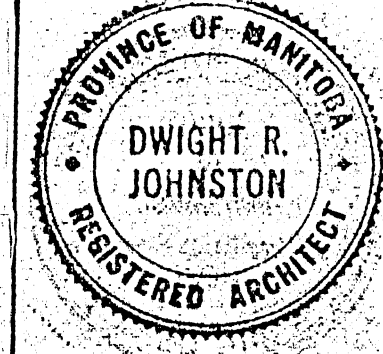
**ST. JAMES CIVIC CENTRE**  
NESS AVENUE & WOODLAWN STREET  
CITY OF SAINT JAMES, MANITOBA

DRAWING NUMBER: M-1  
TITLE: BSMT. & MEZZ. FL. PLUMBING LAYOUT & SITE PLAN



B-14  
FILE  
RETURN TO CIVIC  
PROPERTY DEPT.  
INVENTORY.  
3 67 2

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PHONE 786-3441



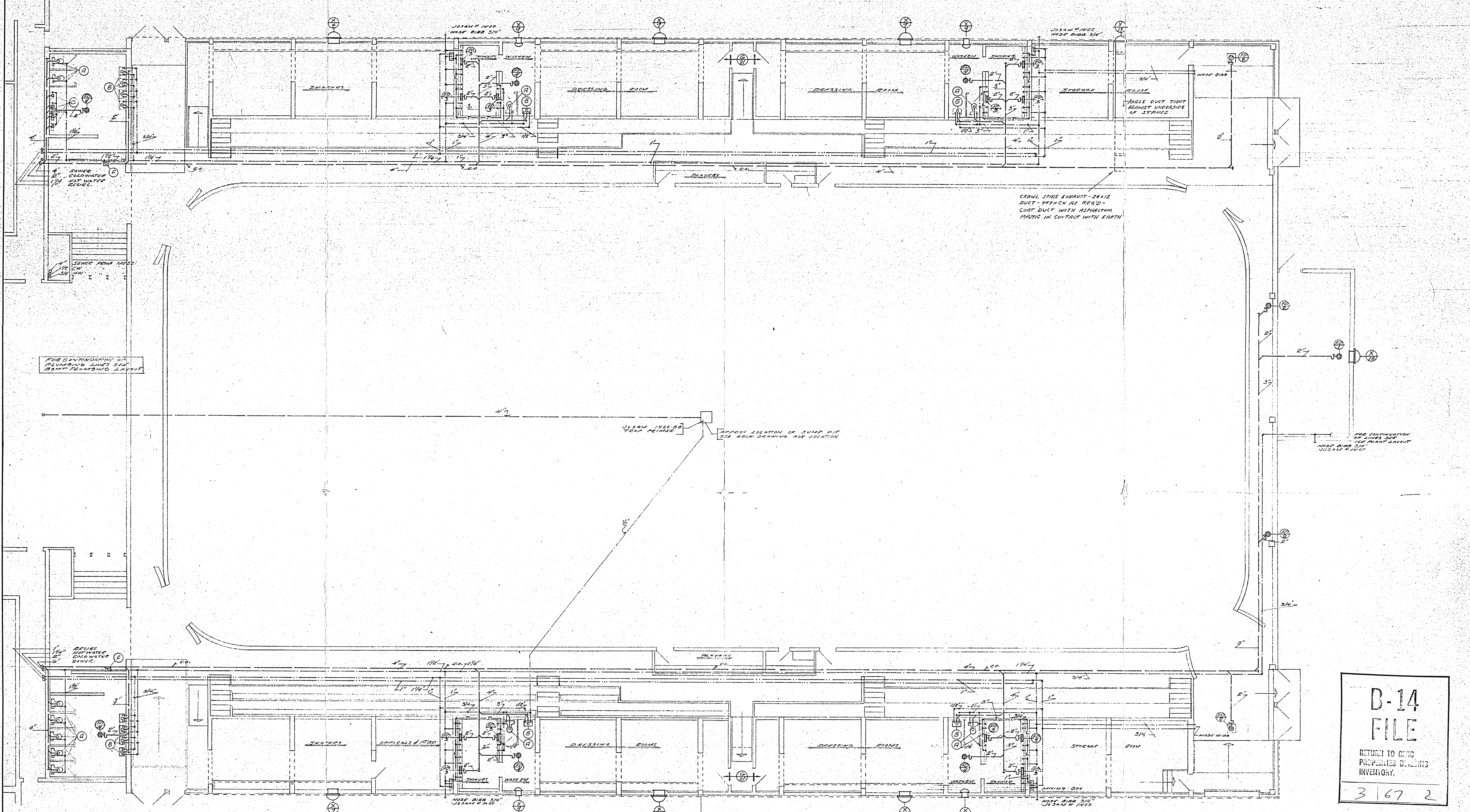
ZUNIC & SOBKOWICH  
DWIGHT R. JOHNSTON  
ARCHITECTS  
204-309 TACHE AVE. ST. BONIFACE MAN.  
1854 PORTAGE AVE. ST. JAMES MAN.

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NO.	DESCRIPTION	BY	DATE

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DATE: JUN 11 1965

ST. JAMES CIVIC CENTRE  
NESS AVENUE & WOODLAWN STREET  
CITY OF SAINT JAMES, MANITOBA

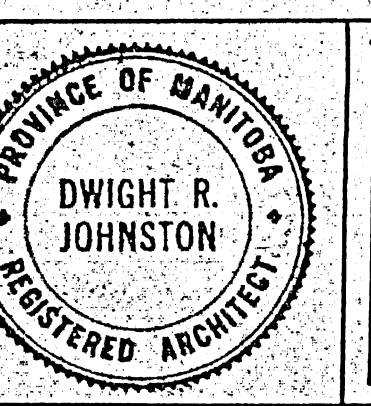
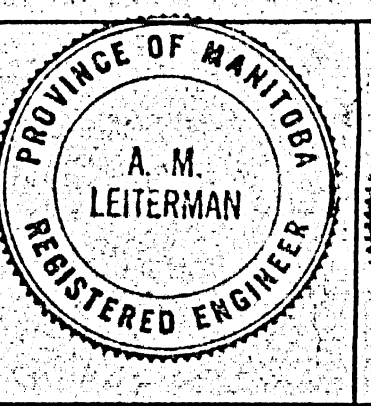
DRAWING NUMBER: M-2  
TITLE: MAIN FL. FRONT PLUMBING LAYOUT



ARENA MAIN FLOOR PLUMBING & EXHAUST LAYOUT  
SCALE 1/8" = 1'-0"

B-14  
FILE  
RETURN TO CIVIC  
PROPERTIES DIVISION  
INVENTORY.  
3 67 2

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CONSULTING ENGINEERS  
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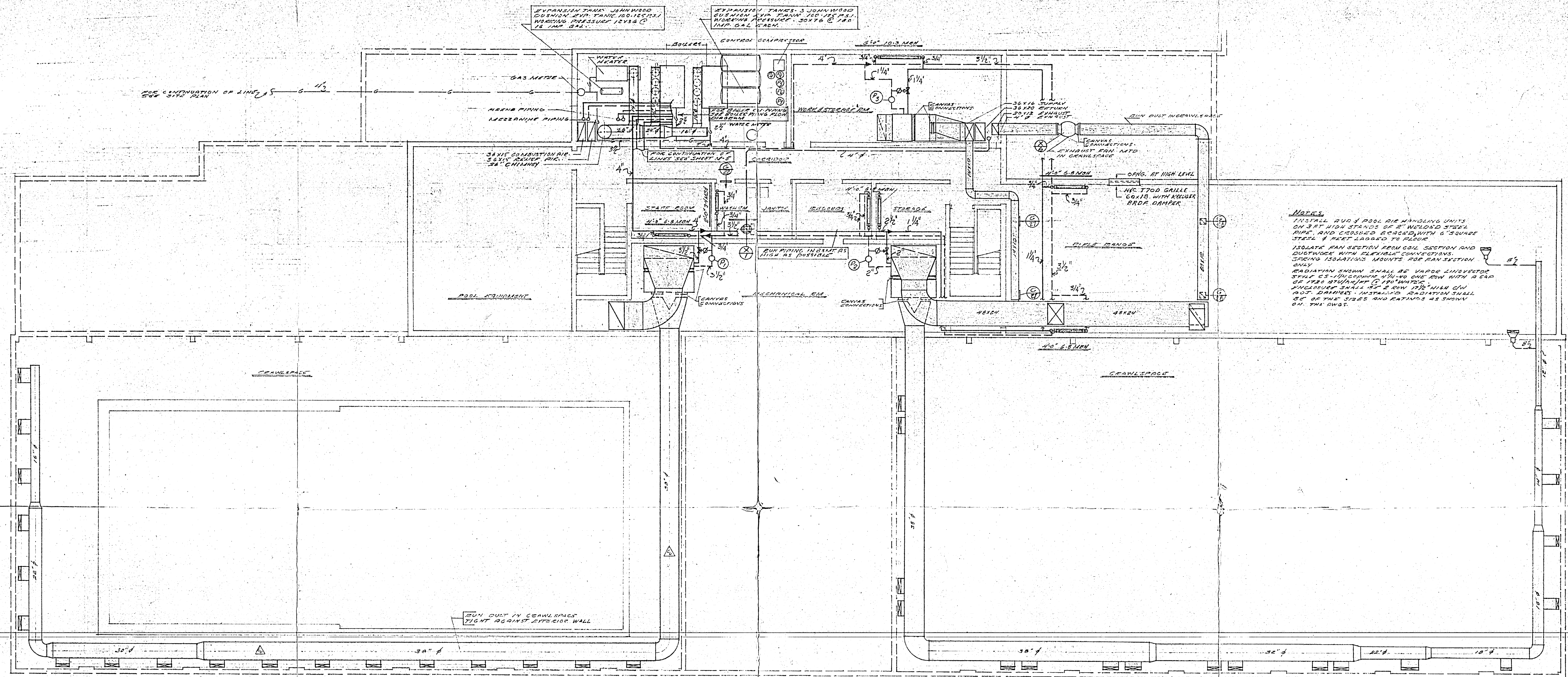
ZUNIC & SOBKOWICH  
DWIGHT R. JOHNSTON  
ARCHITECTS  
204-309 TACHE AVE. ST. BONIFACE MAN.  
1854 PORTAGE AVE. ST. JAMES MAN.

REVISIONS		
NO.	DESCRIPTION	BY DATE

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J. GEINSHAW  
CHECKED BY: *[Signature]*  
DATE: JUN 11 1965

ST. JAMES CIVIC CENTRE  
NESS AVENUE & WOODLAWN STREET  
CITY OF SAINT JAMES, MANITOBA

DRAWING NUMBER: M-3  
TITLE: MAIN FL. - ARENA PLUMBING LAYOUT

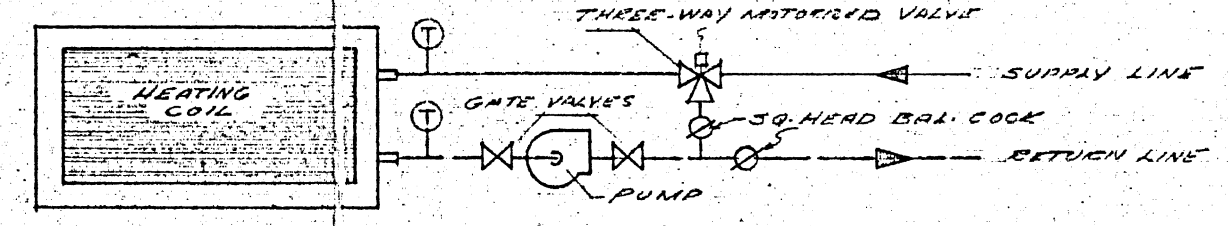


**NOTES**  
 INSTALL RUP & POOL AIR HANDLING UNITS ON 3 FT HIGH STANDS OF 8" WELDED STEEL PIPE AND CROSSED BRACES WITH 6" SQUARE STEEL & PART LAPPED TO FLOOR.  
 ISOLATE FAN SECTION FROM COIL SECTION AND CRAWLSPACE WITH FLEXIBLE CONNECTIONS. SPRING ISOLATING MOUNTS FOR FAN SECTION ONLY.  
 RADIATION SHOWN SMALL AS VARIOUS LAYOUTS OF 3/4" CS W/UPGRADING 1/2" DIA. ONE ROW WITH A GAP OF 1/2" BETWEEN ROWS (1.5" MIN).  
 LARGER SMALL 1/2" 2 ROW 1 1/2" DIA. ON FOOT DRINKS. INSTALLING RADIATION SHALL BE OF THE SIZE AND RATINGS AS SHOWN ON THIS DWG.

**BASEMENT FLOOR PLAN**  
 SCALE 1/8" = 1'-0"

ROOF & FLOOR DRAIN SCHEDULE		
NO.	TYPE	REMARKS
FD1	JOSAM # JG110	CI ROUGH BRASS
FD2	" # 3720	CI BUGH BRASS C/W SEDIMENT BUCKET
FD3	" # 350-35K	9" CI POLISHED BRASS GUTE
FD4	" # 350-35A	CI POLISHED BRASS 5" B
FD5	" # 350-35F	CI POLISHED BRASS
FD6	JOSAM # 410	CI WITH SEDIMENT CUP & W/ FLASHING CLAMP
FD7	" # 4190	CI DRAIN WITH FLASHING FLANGE

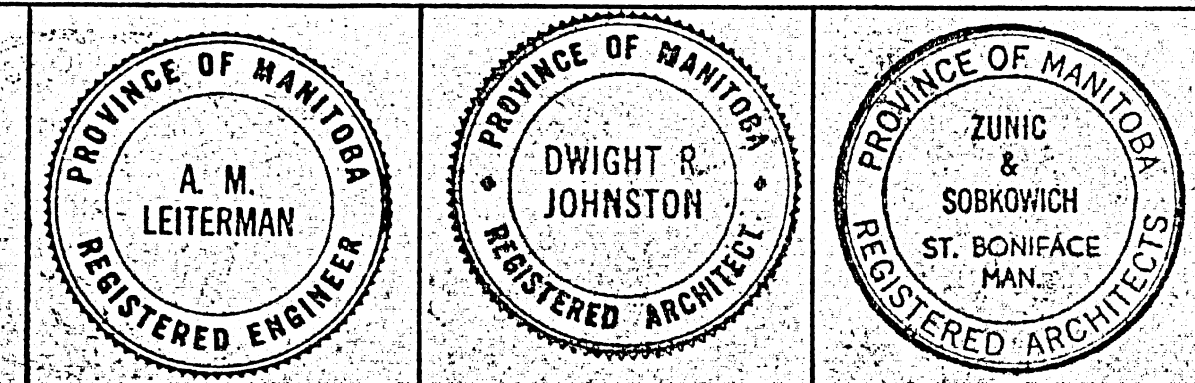
P U M P S C H E D U L E						
NO.	TYPE	PURPOSE	GPM	HEAD	H.P.	NOTES
P1	REUSING PD-37	POOL AIR HANDLING UNIT	140	23'	1	
P2	"	AUX. AIR HANDLING UNIT	30	9.5'	1/4	
P3	"	MEE-AIR HANDLING UNIT	10	7.0'	1/10	
P4	"	BSM ZONE CIRC.	95	12.5'	1/2	
P5	"	MEEZ-RADIATION	10	9.0'	1/6	
P6	"	RENR. HEATING	105	30.0'	1	
P7	"	60-B CIRC. MAIN FL RADIATION	53	30.0'	3/4	
P8	"	1" HV. HOT WATER	10	12.0'	1/6	C/W BEHEE ROOF
P9	ALCO 303C	POOL BS-IRC PUMP	330	55'	7/2	
P10	"	11203C POOL VACUUM	105	53'	3	
P11	WET NO A745	CHEMICAL FEED			60W	
P12	WET NO A745	"			1/8	
P13	REUSING 270 CIRC.	POOL CIRCULATION	55	12.0'	1/6	
P14	"	1" PC. ELECTRIC DRASTIC	15.0	1/6	1/6	C/W BEHEE ROOF



**TYPICAL AIR HANDLING UNIT COIL HOOK-UP DETAIL**  
 NOTE: RUP & POOL AIR HANDLING UNITS DO NOT REQUIRE PUMP OR THREE-WAY VALVE

**B-14**  
**FILE**  
 RETURN TO CIVIC PROPERTIES BUILDING INVENTORY.  
 3 67 2

**KRUSE & ASSOCIATES CONSULTING ENGINEERS**  
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 PHONE - 786-3441



**ZUNIC & SOBKOWICH ARCHITECTS**  
 DWIGHT R. JOHNSTON  
 204-309 TACHE AVE. ST. BONIFACE MAN.  
 1854 PORTAGE AVE. ST. JAMES' MAN.

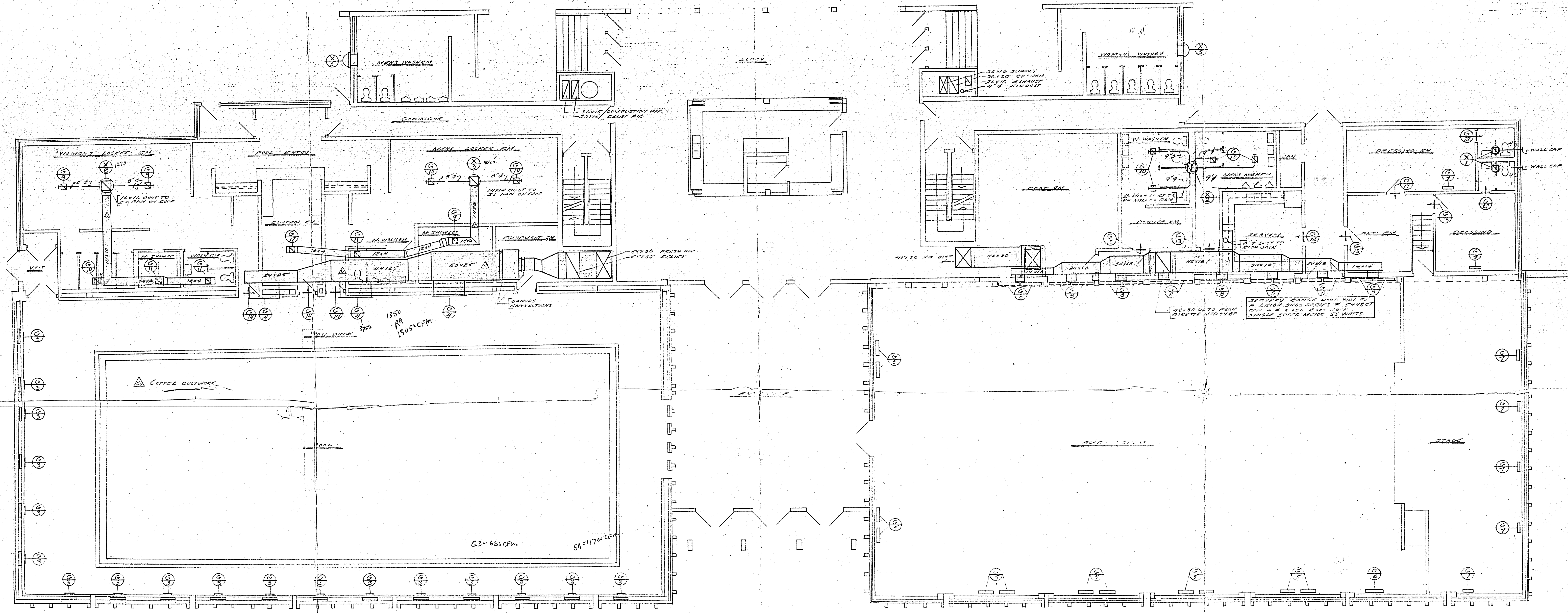
REVISIONS		
NO.	DESCRIPTION	BY DATE

DRAWN BY: J. GEMINIAN  
 CHECKED BY:  
 DATE: JUN 11 1985

**ST. JAMES CIVIC CENTRE**  
 NESS AVENUE & WOODLAWN STREET  
 CITY OF SAINT JAMES, MANITOBA

DRAWING NUMBER: **M-4**  
 TITLE: **BSMT. FL. FRONT HEATING LAYOUT**

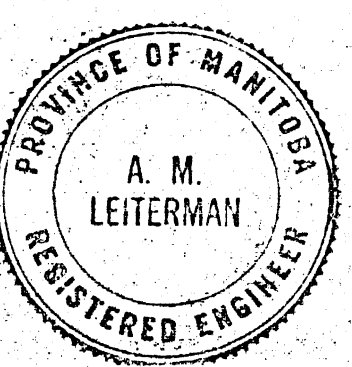
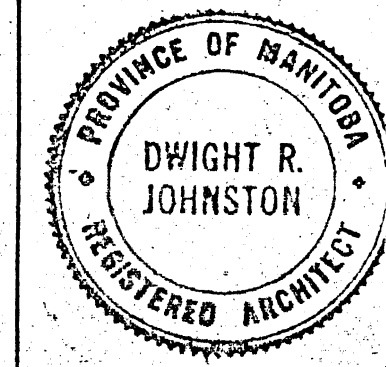




MAIN FLOOR HEATING & VENTILATION LAYOUT  
SCALE 1/8" = 1'-0"

B-14  
FILE  
RETURN TO CIVIC  
PROPERTIES BUILDING  
INVENTORY.  
3 67 2

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DWIGHT R. JOHNSTON  
ARCHITECTS  
204-309 TACHE AVE. ST. BONIFACE MAN.  
1854 PORTAGE AVE. ST. JAMES MAN.

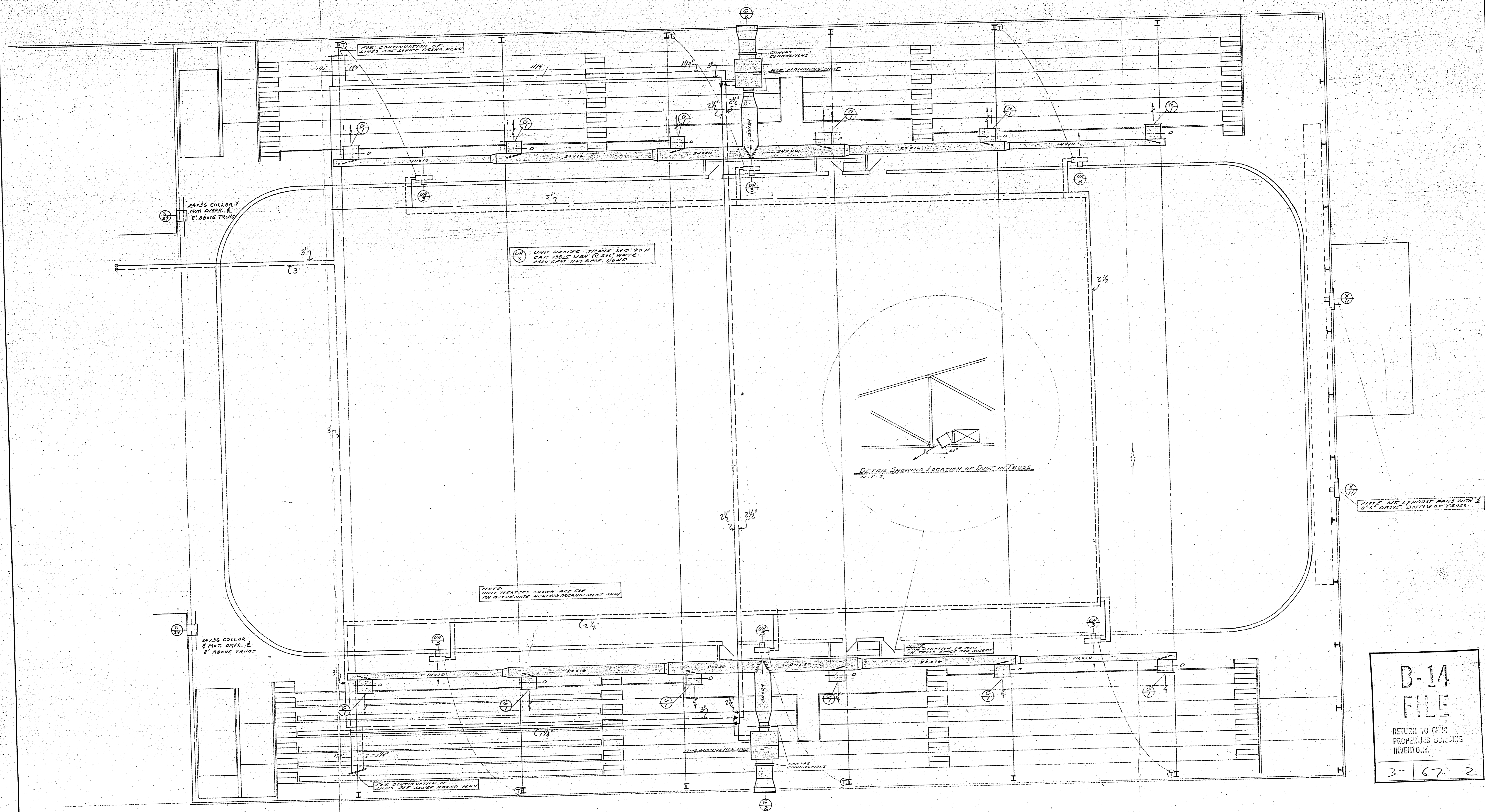
REVISIONS		
NO.	DESCRIPTION	BY DATE

DRAWN BY:  
J. GRIFFIN  
CHECKED BY: *[Signature]*  
DATE: JUN 21 1965

ST. JAMES CIVIC CENTRE  
NESS AVENUE & WOODLAWN STREET  
CITY OF SAINT JAMES, MANITOBA

DRAWING NUMBER: M-6  
TITLE:  
MAIN FL. FRONT  
HEATING & VENTILATION  
LAYOUT

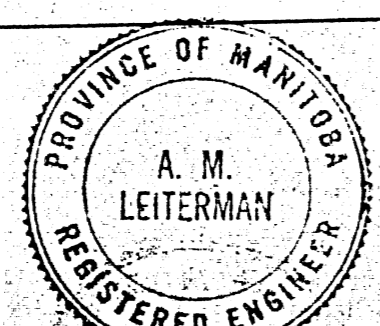




ARENA UPPER LEVEL  
SCALE 1/8" = 1'-0"

B-14  
FILE  
RETURN TO CIVIC  
PROPERTY SERVICES  
INVENTORY.  
3-67-2

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DWIGHT R. JOHNSTON  
ARCHITECTS  
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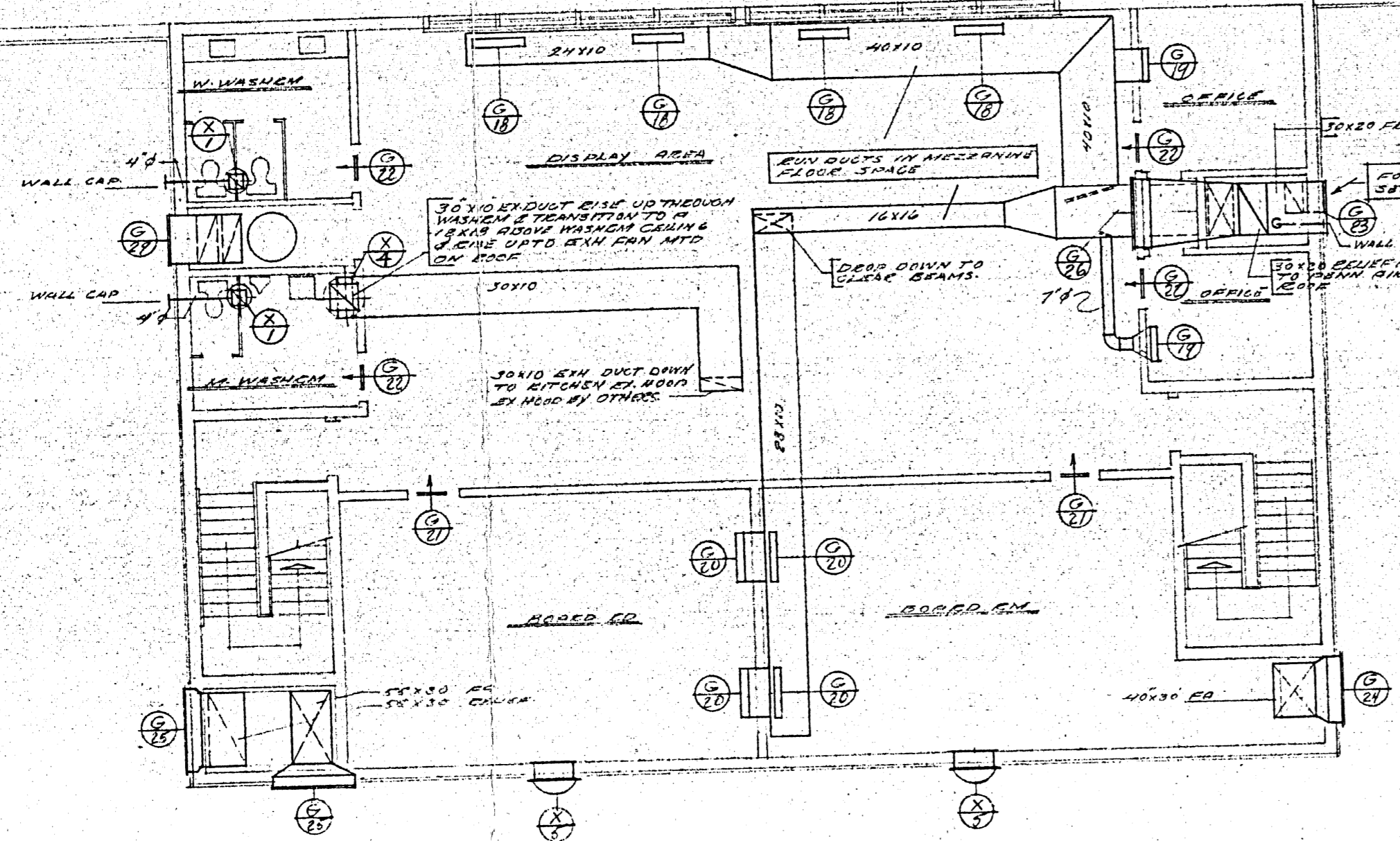
REVISIONS		
NO.	DESCRIPTION	BY DATE

DRAWN BY:  
J. GRASMAN  
CHECKED BY: CR  
DATE JUN 1 1965

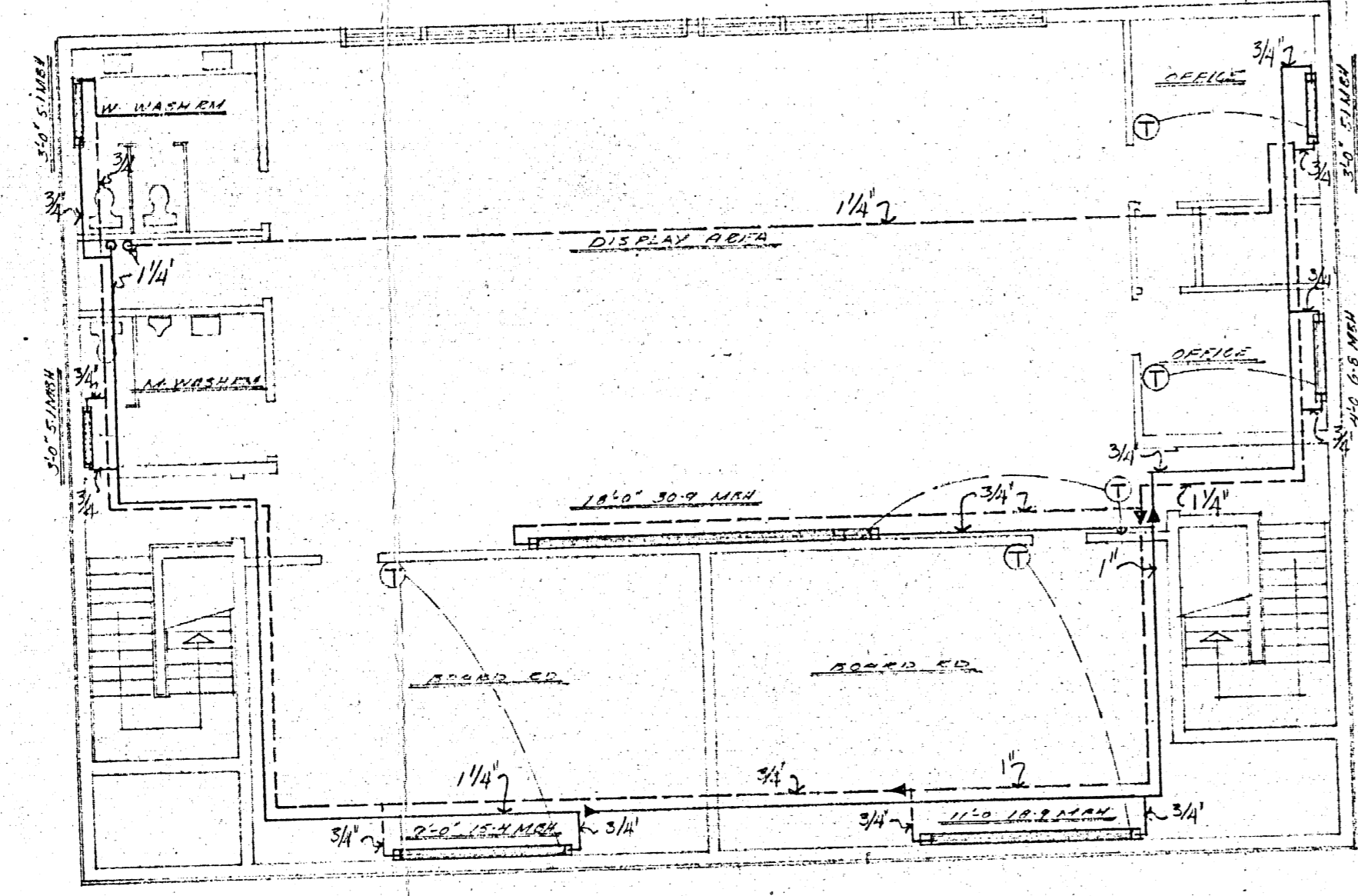
ST JAMES CIVIC CENTRE  
NESS AVENUE & WOODLAWN STREET  
CITY OF SAINT JAMES, MANITOBA

DRAWING NUMBER M-8  
TITLE  
MAIN FL. ARENA  
UPPER LEVEL  
HEATING LAYOUT



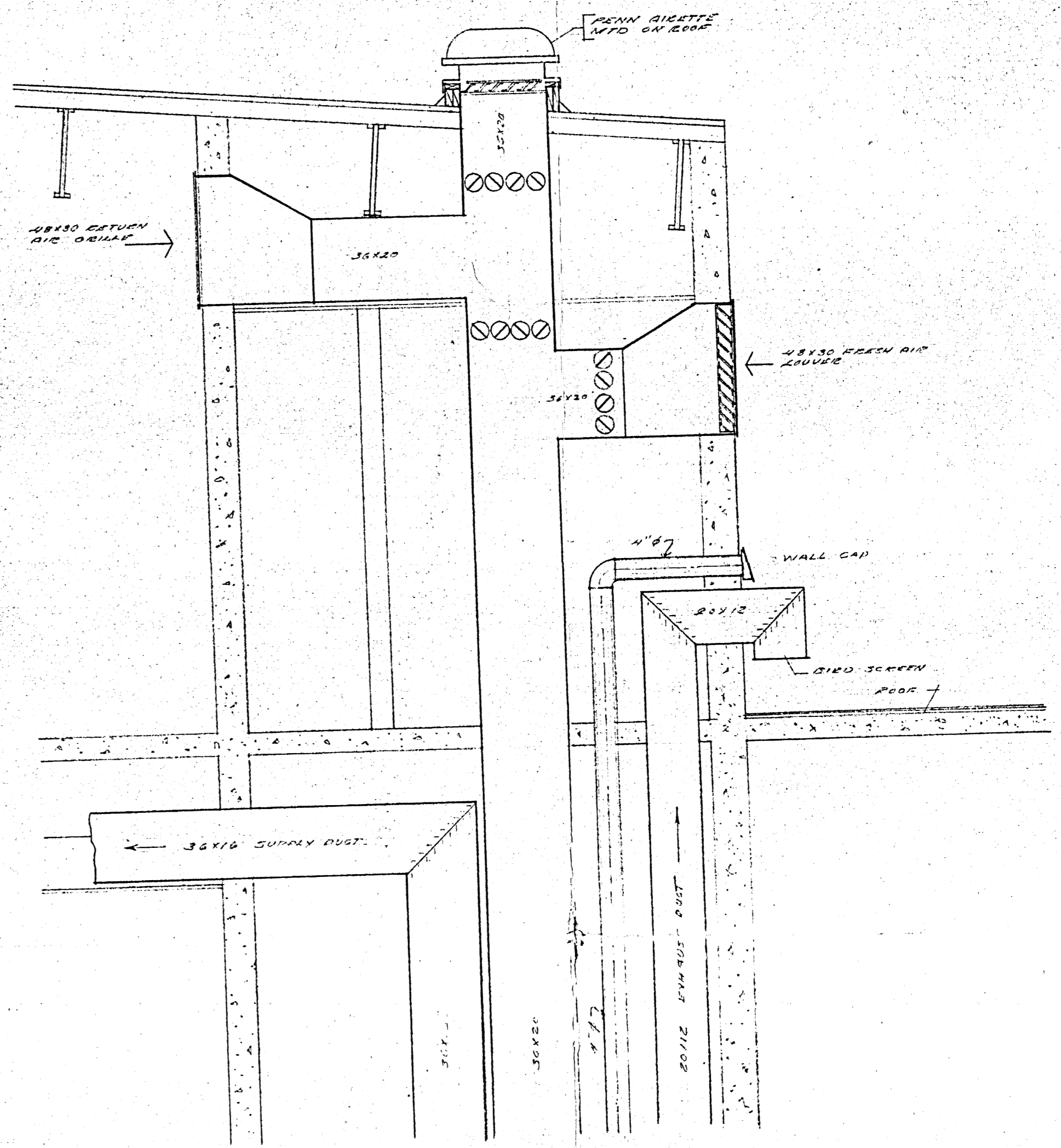


MEZZANINE FLOOR PLAN, VENTILATION LAYOUT  
SCALE 1/8" = 1'-0"

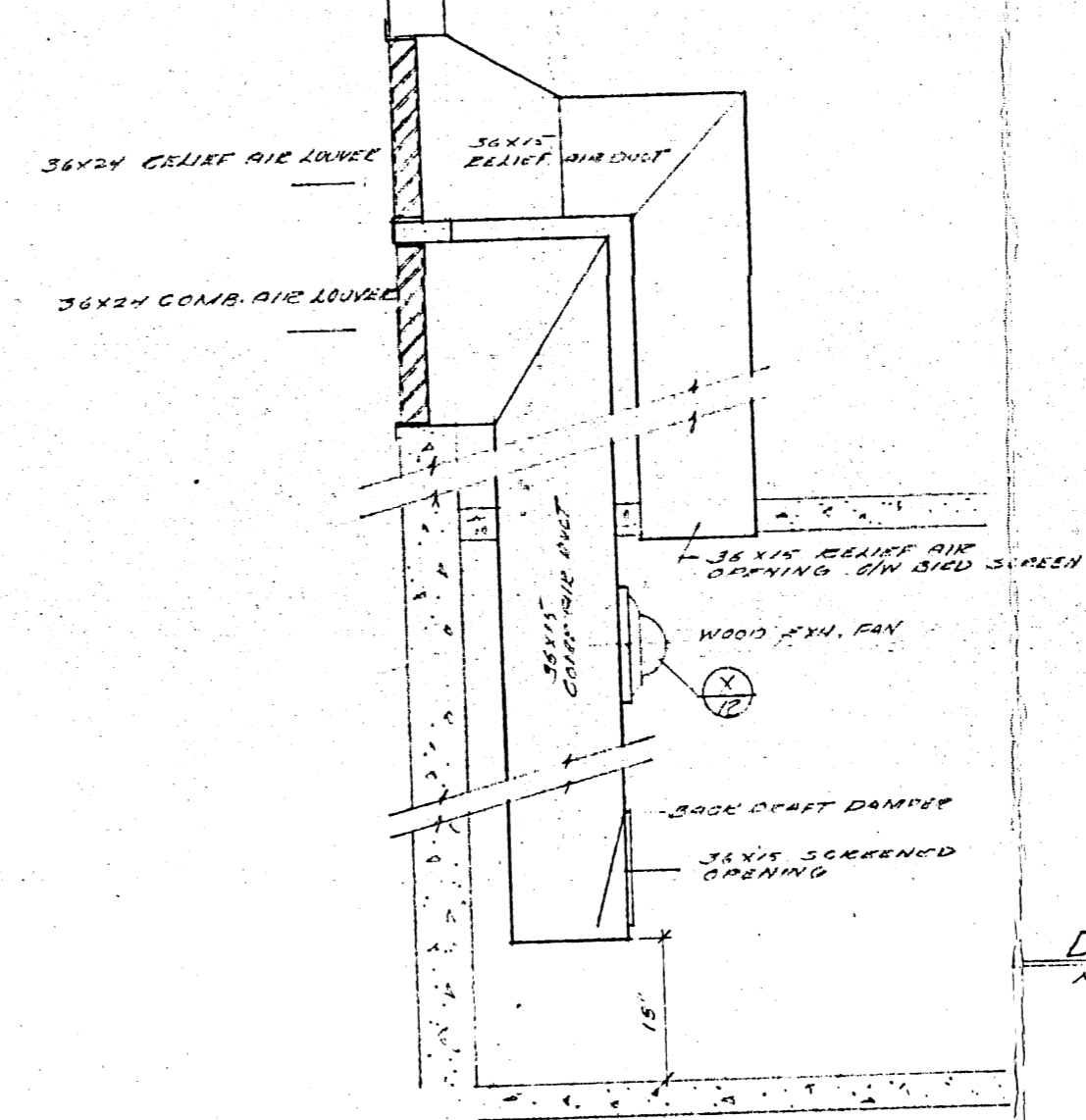


MEZZANINE FLOOR PLAN, HEATING LAYOUT  
SCALE 1/8" = 1'-0"

NOTE: RADIATION ON MEZZANINE FL SHALL BE VAPOR LAMINATED STEEL CS-1/4 COMP. 4/16" ONE ROW WITH HEAD IN 1/2" ROW/INCH. 1/2" 1/2" W/1/2" ENVELOPE SHALL BE 2/16" G. 1/2" W/1/2" ENVELOPE SHALL BE 2/16" RADIATION SHALL BE OF THE SIZE AND FINISH AS SHOWN IN THE DRAWINGS.



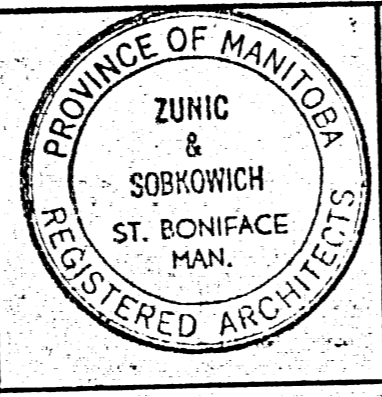
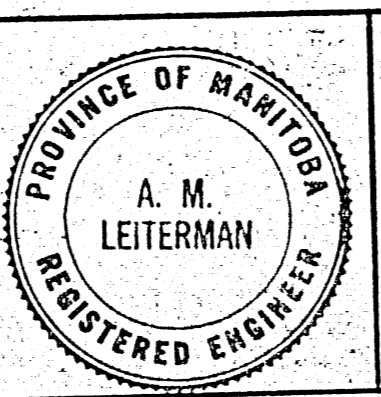
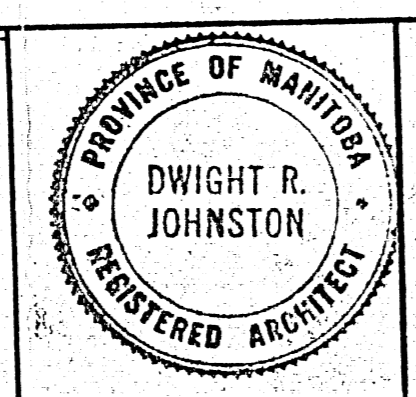
SECTION A-A  
SCALE 1/2" = 1'-0"



DETAIL OF COMBUSTION & RELIEF AIR DUCTS  
N.P.S.

B-14  
FILE  
RETURN TO CIVIC  
PROPERTIES BUILDING  
INVENTORY.  
3 67 2

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PHONE-786-3441



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DWIGHT R. JOHNSTON  
ARCHITECTS  
204-309 TACHE AVE. ST. BONIFACE MAN.  
1854 PORTAGE AVE. ST. JAMES MAN.

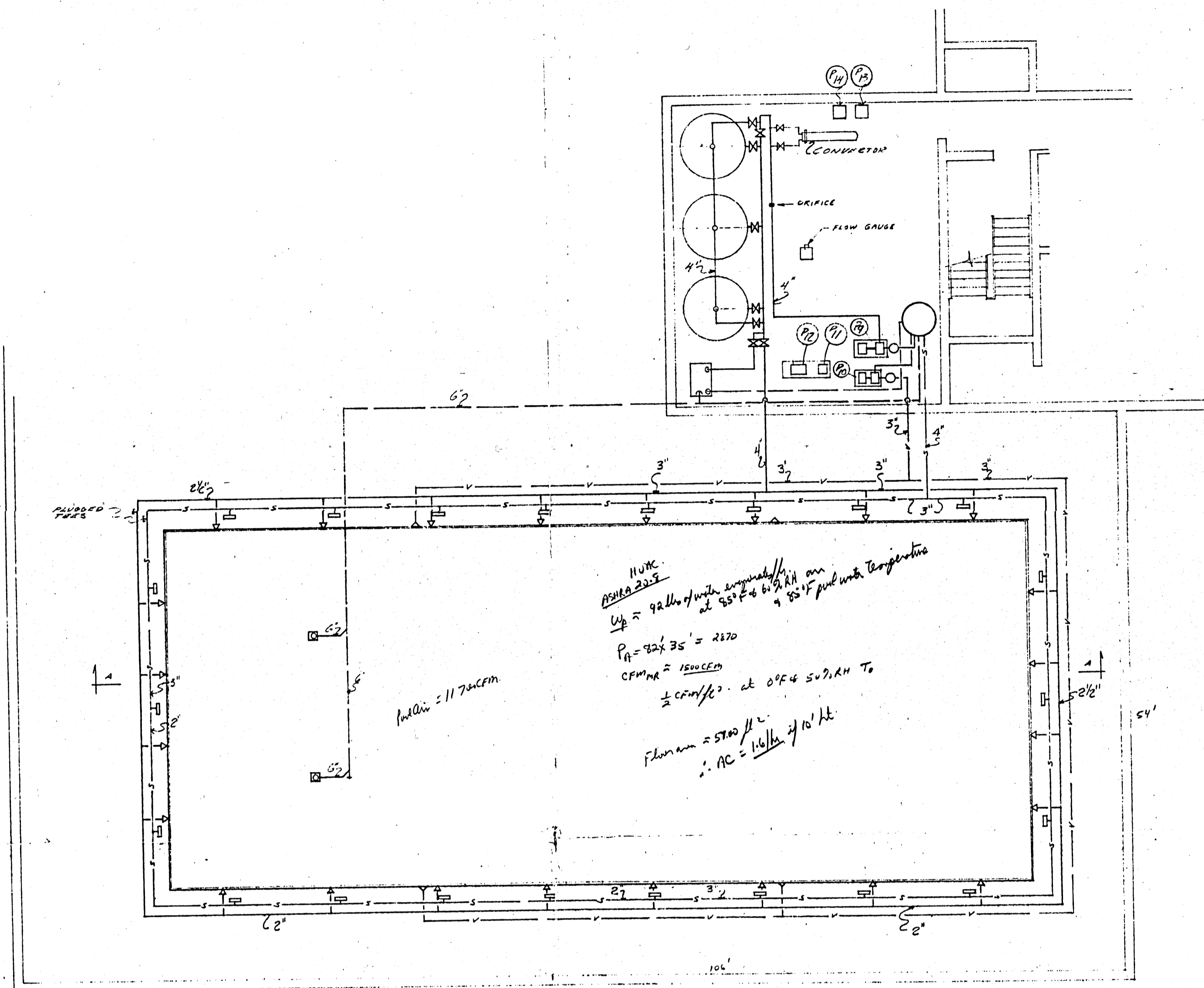
REVISIONS		
NO.	DESCRIPTION	BY DATE

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J. CRIMSHAW  
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DATE: JUN 11 1965

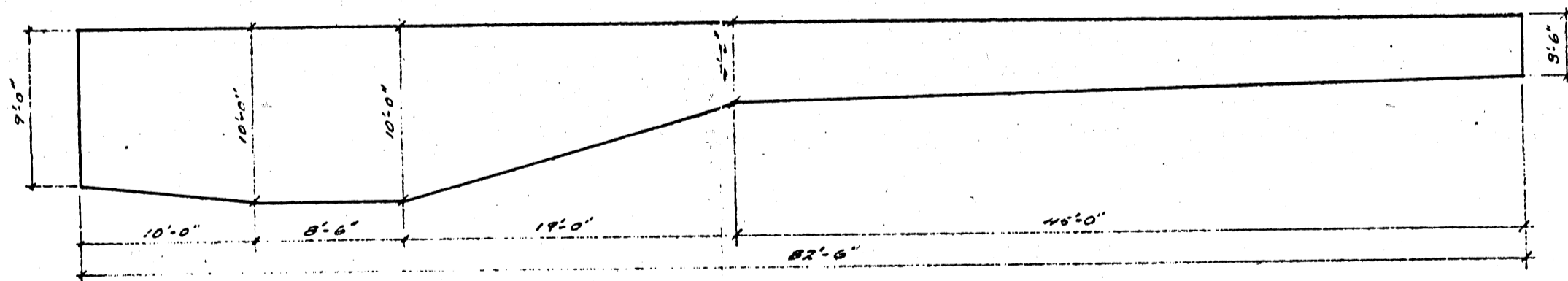
ST. JAMES CIVIC CENTRE  
NESS AVENUE & WOODLAWN STREET  
CITY OF SAINT JAMES, MANITOBA

DRAWING NUMBER M-9  
TITLE: MEZZANINE FLOOR HEATING & VENTILATING LAYOUT DETAILS



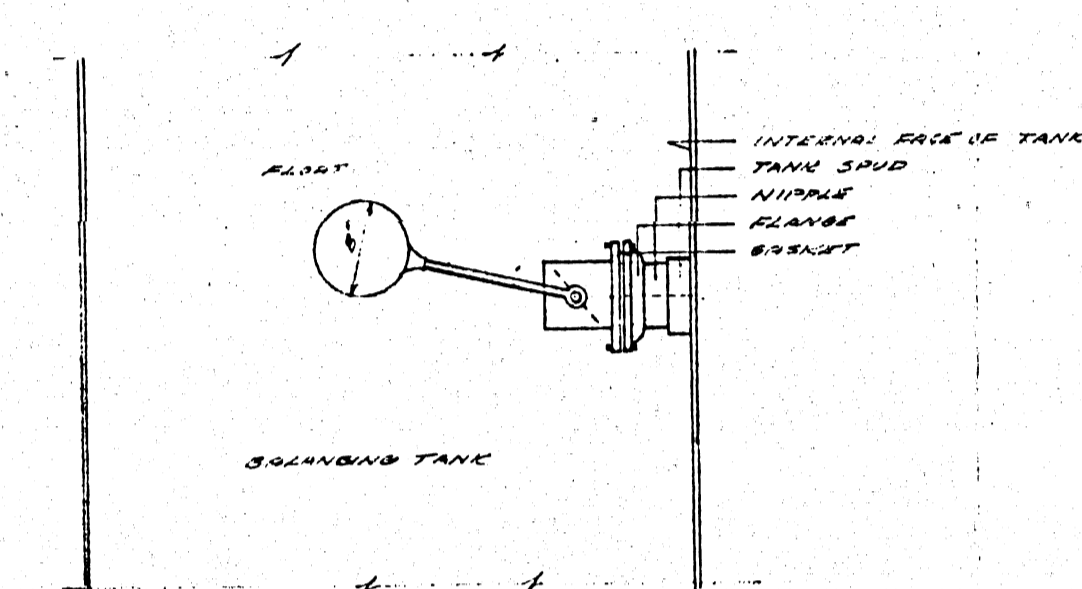
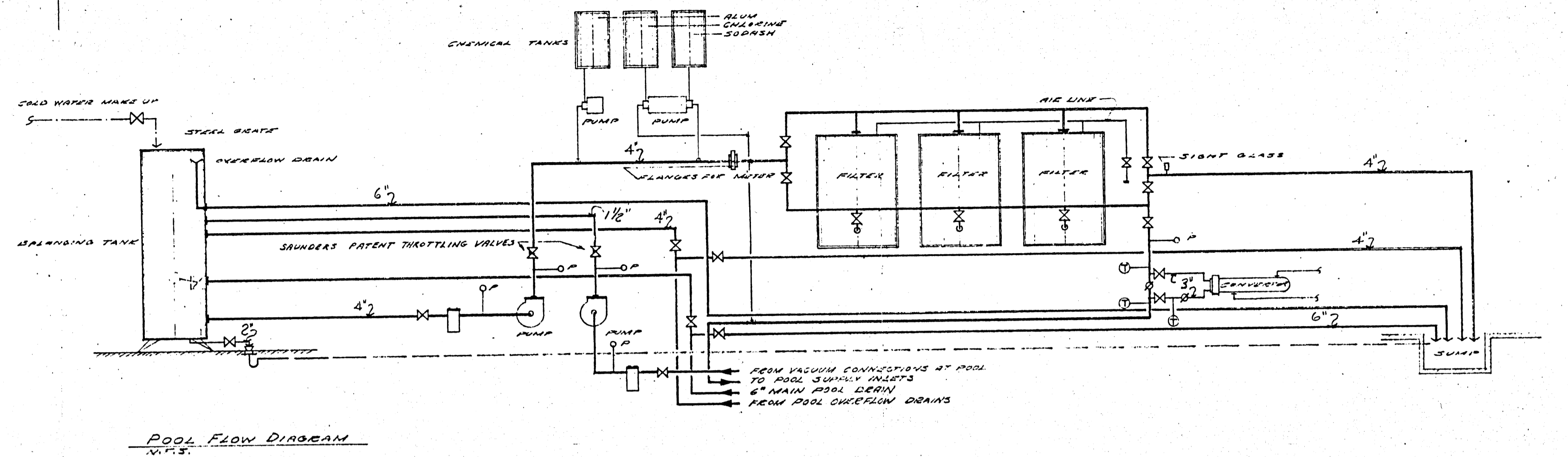


POOL LAYOUT  
SCALE 1/8" = 1'-0"

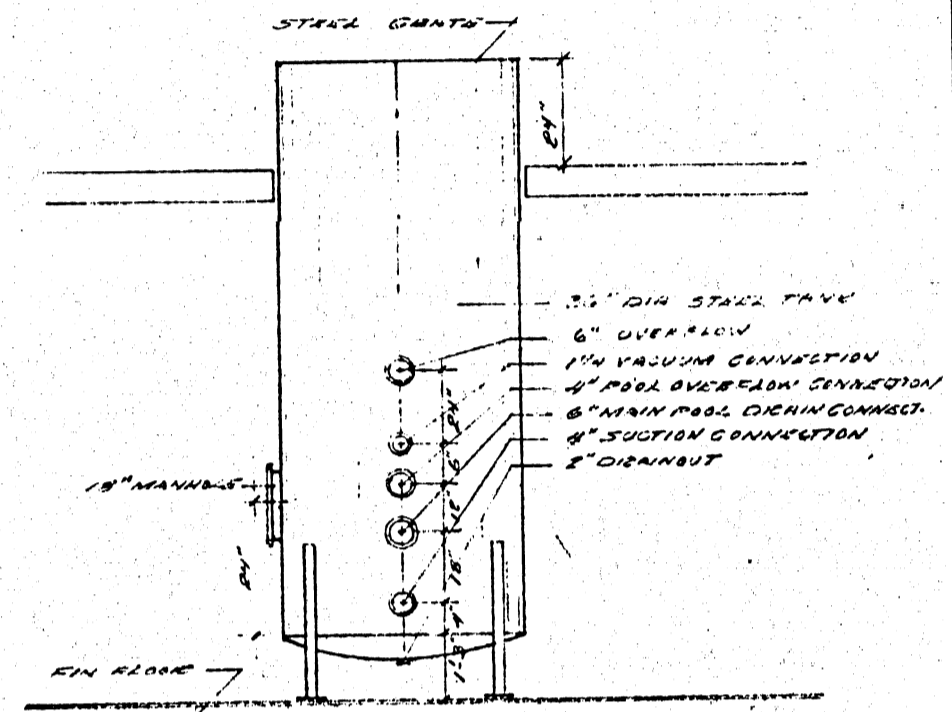


SECTION A-A  
SCALE 1/8" = 1'-0"

INLETS: 18 USEM EACH SHALLOW END  
7 " " DEEP " " " " SIDES



DETAIL OF DIVERSON VALVE  
NPS

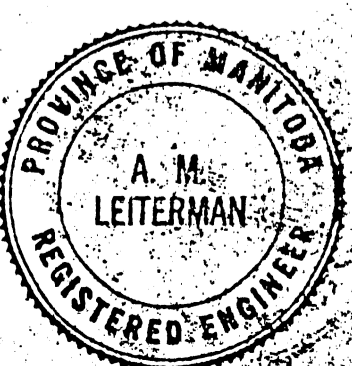
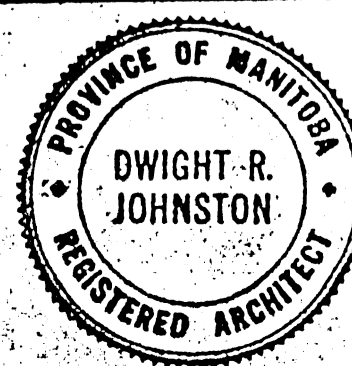


DETAIL OF ORIN-BELGOVICH'S TANK  
NPS

LEGEND	
—	POOL INLET LINE
- - -	VACUUM LINE
- - -	OUTER DRAIN LINE
- - -	COLD WATER LINE
↑	INLET FITTING - 12" BELOW WATER LINE
▽	VACUUM OUTLET - 10" " " "
□	MAIN DRAIN OUTLET
×	GATE VALVE
○	SQUIRREL HEAD BRANCHING EDGE
⊕	PRESSURE GAUGE
⊙	TEMPERATURE GAUGE
—	MAIN DRAIN LINE

**B-14**  
**FILE**  
 RETURN TO CIVIC  
 PROPERTIES BUILDING  
 INVENTORY.  
**3 672**

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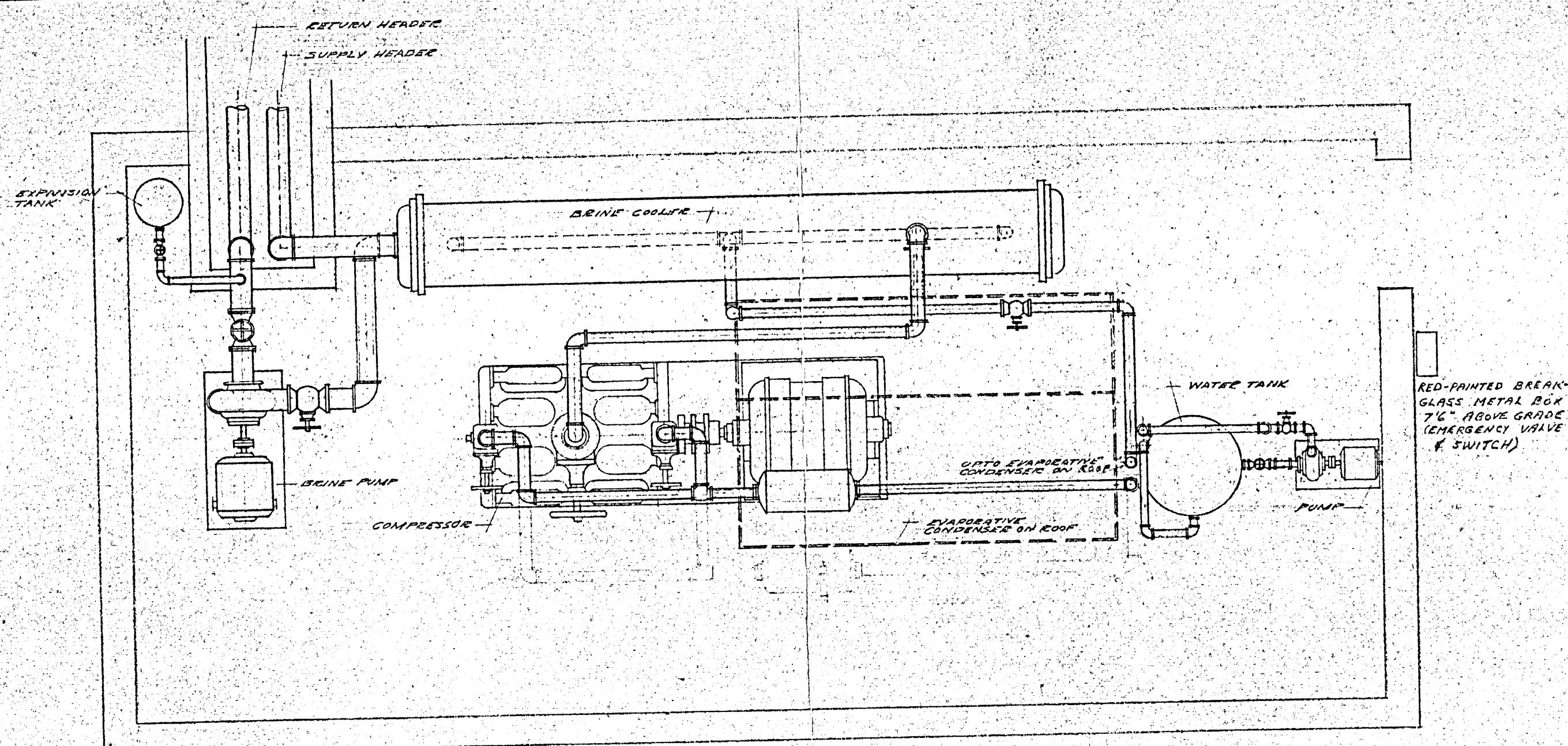
**ZUNIC & SOBKOWICH**  
**DWIGHT R. JOHNSTON**  
 ARCHITECTS  
 204.309 TACHE AVE. ST. BONIFACE MAN.  
 1854 PORTAGE AVE. ST. JAMES MAN.

REVISIONS		
NO.	DESCRIPTION	BY DATE

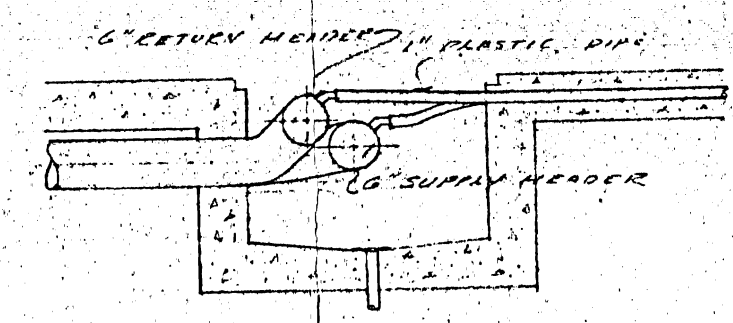
DRAWN BY:  
 J. GRIMSHAW  
 CHECKED BY: *[Signature]*  
 DATE: JUN 11 1965

**ST. JAMES CIVIC CENTRE**  
 NESS AVENUE & WOODLAWN STREET  
 CITY OF SAINT JAMES, MANITOBA

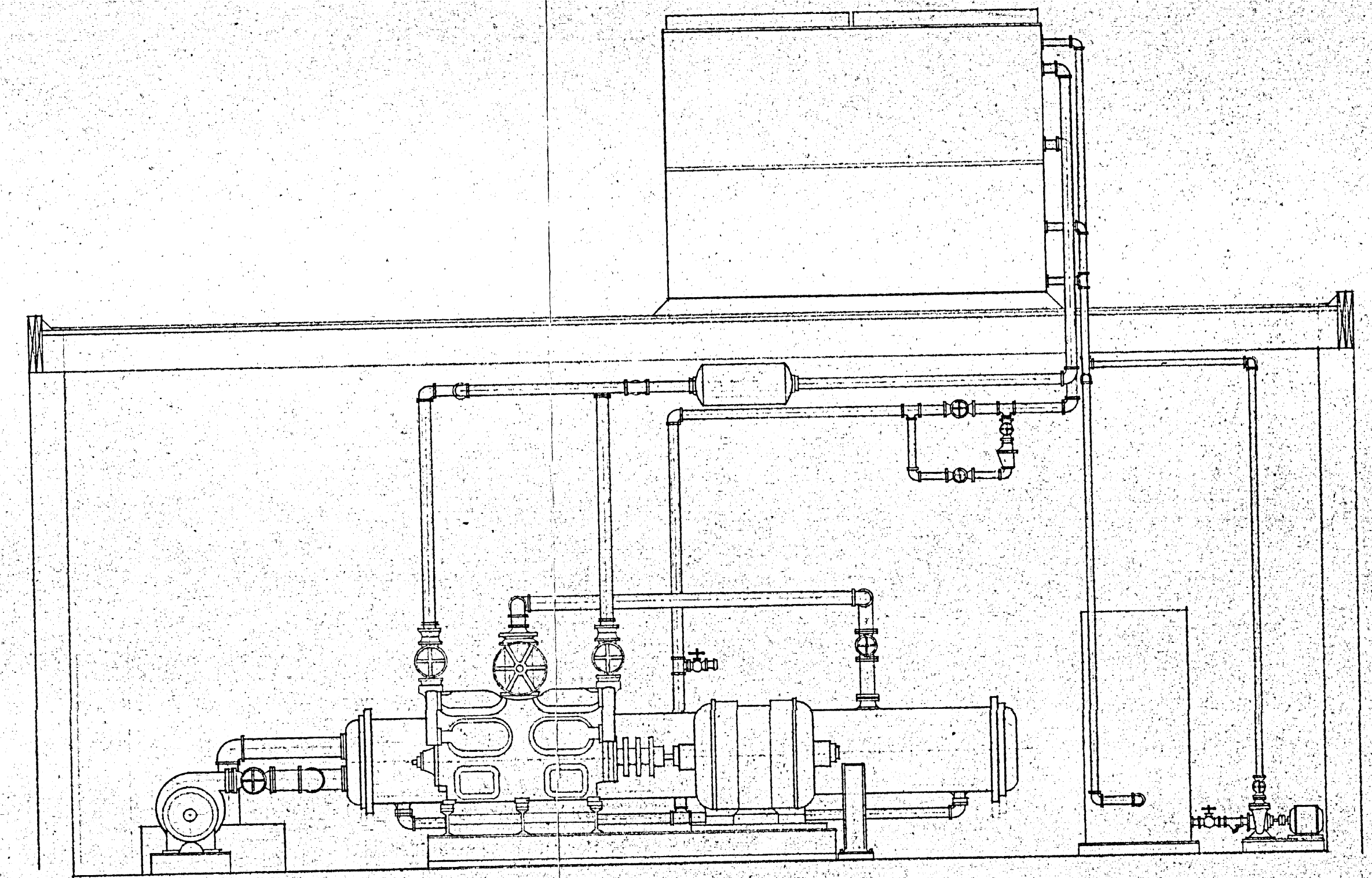
DRAWING NUMBER: M-11  
 TITLE: SWIMMING POOL LAYOUT & DETAILS



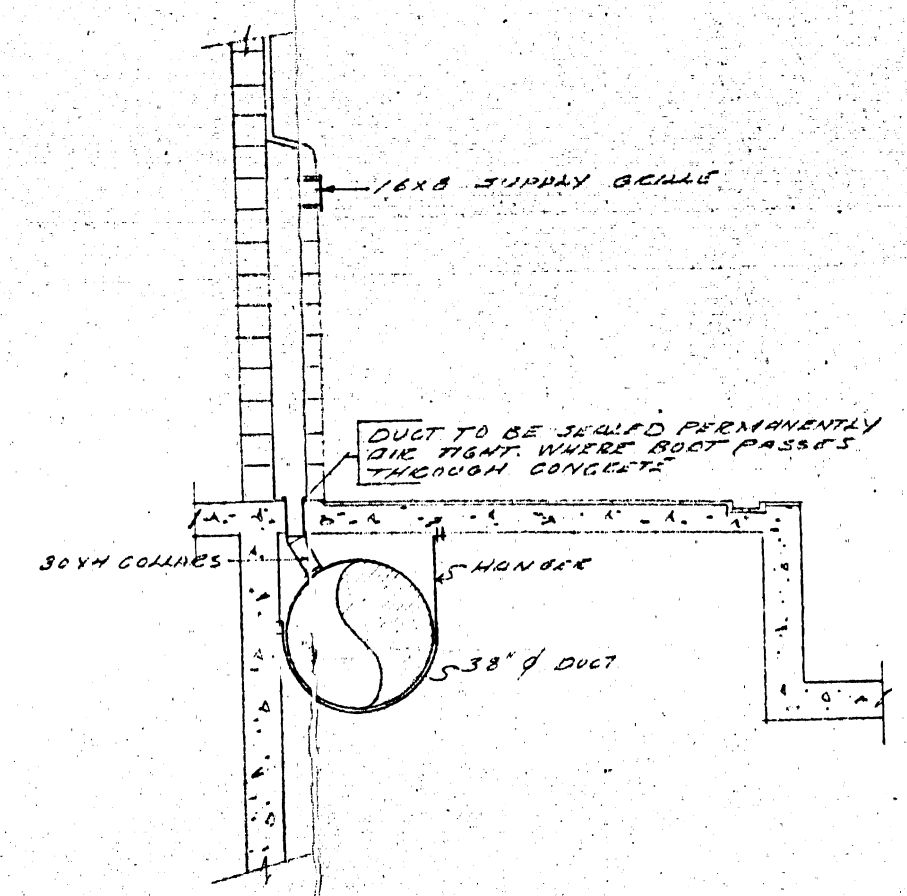
ICE PLANT LAYOUT  
SCALE 3/8" = 1'-0"



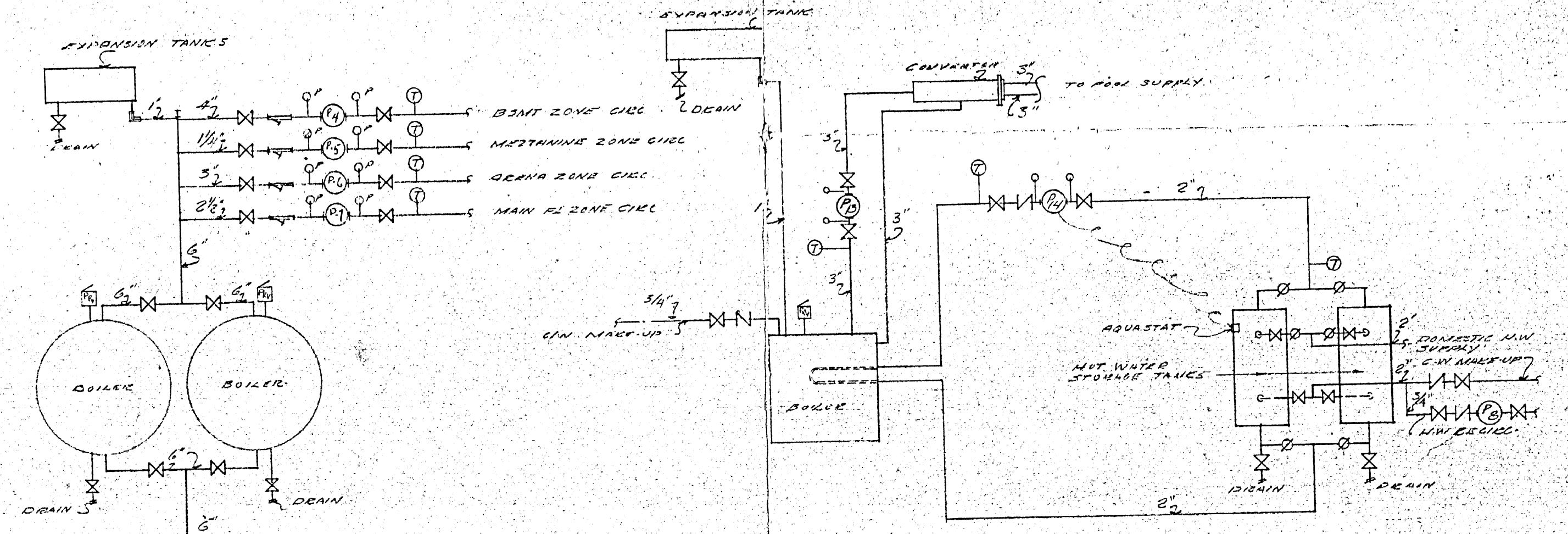
DETAIL OF HEADERS IN TRENCH



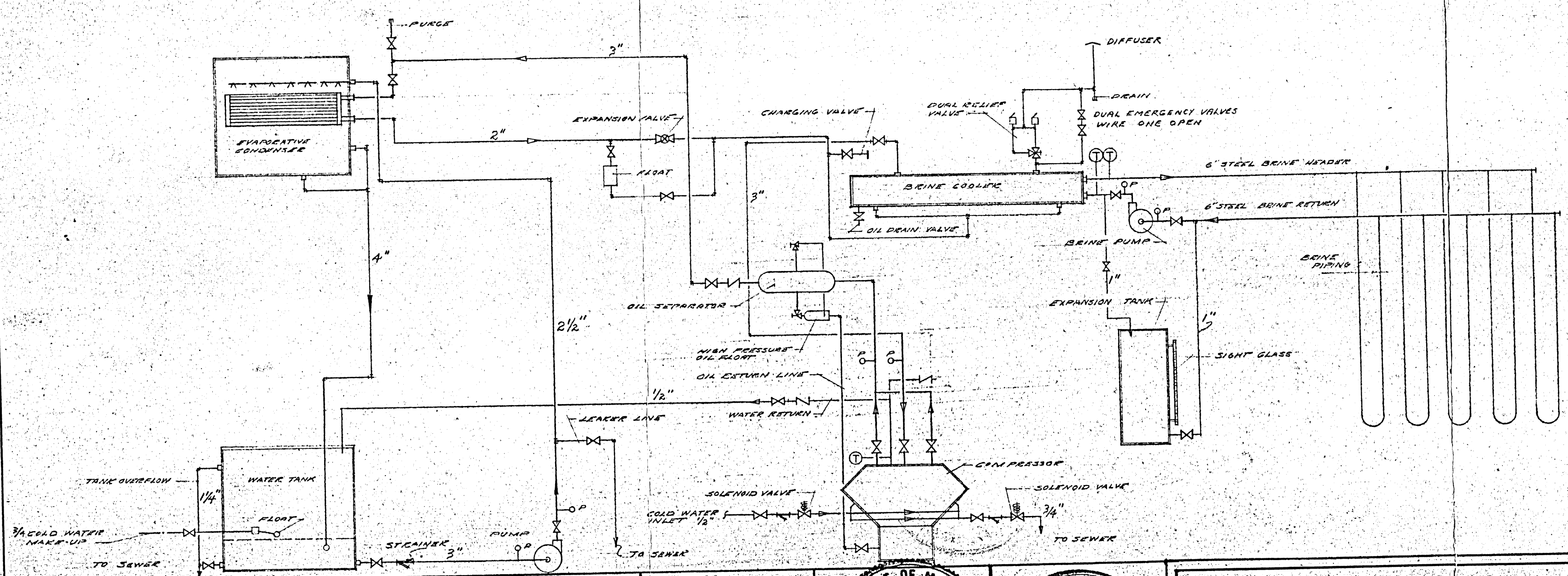
ELEVATION OF ICE PLANT



DETAIL OF UNDERSLAB DUCTWORK  
SCALE 1/4\"/>



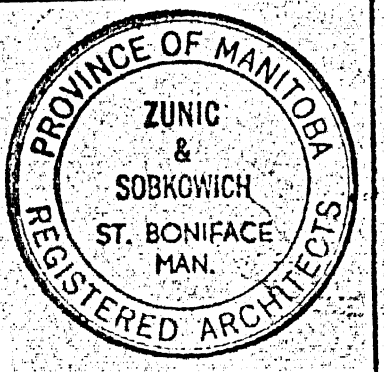
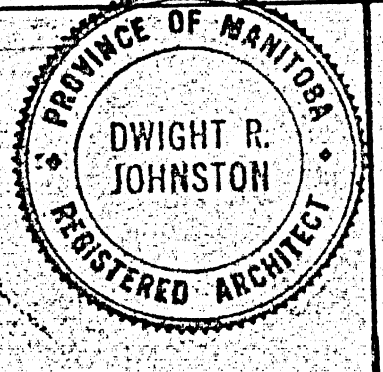
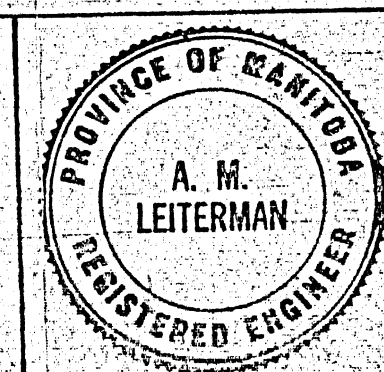
POOL HEATER & DOMESTIC HOT WATER FLOW DIAGRAM  
N.T.S.



BOILER HOOK-UP FLOW DIAGRAM  
N.T.S.

B-14  
FILE  
RETURN TO CIVIC  
PROPERTY BUILDING  
INVENTORY  
3 67 2

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PHONE 786-3441



ZUNIC & SOBOKOWICH  
DWIGHT R. JOHNSTON  
ARCHITECTS  
204-309 TACHE AVE. ST. BONIFACE MAN.  
1854 PORTAGE AVE. ST. JAMES MAN.

REVISIONS		
NO.	DESCRIPTION	BY DATE

DRAWN BY J. GRIMSMAN  
CHECKED BY  
DATE

ST. JAMES CIVIC CENTRE  
NESS AVENUE & WOODLAWN STREET,  
CITY OF SAINT JAMES, MANITOBA

DRAWING NUMBER M-12  
TITLE ICE PLANT LAYOUT & DETAILS