



1042 E. 6TH A VENUE
ANCHORAGE, ALASKA 99501
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Consultant:

Franklin & Associates
Consulting Engineers

285 WEST PARKWAY SUITE 100
ANCHORAGE, ALASKA 99503 PHONE (907) 271-1431



Stamp

Project Name
GALENA CENTER
GALENA, ALASKA

Project Phase / Status

CONSTRUCTION DRAWINGS

Project #

Drawing File #

Date

Drawn By

Checked By

Revisions

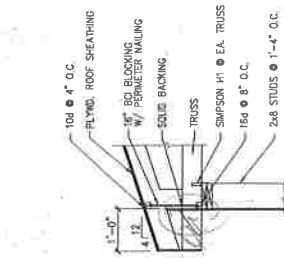
Drawing Name

DETAILS

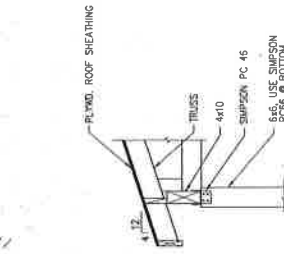
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S4

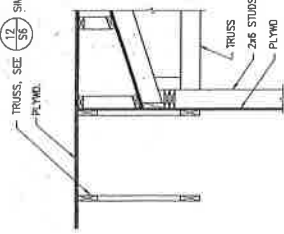
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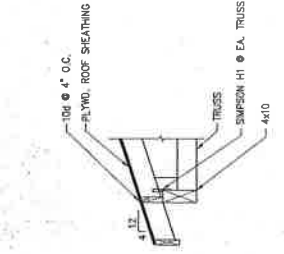
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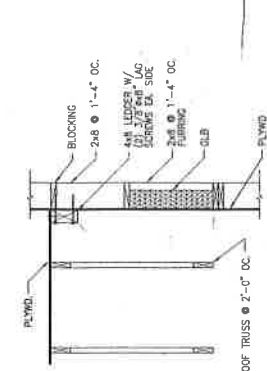
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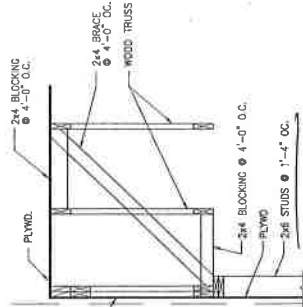
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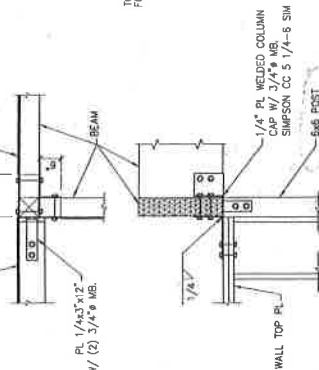
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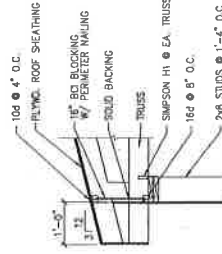
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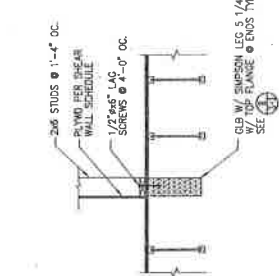
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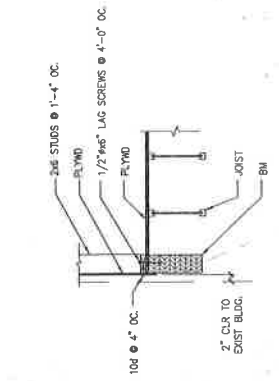
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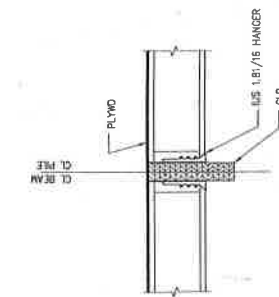
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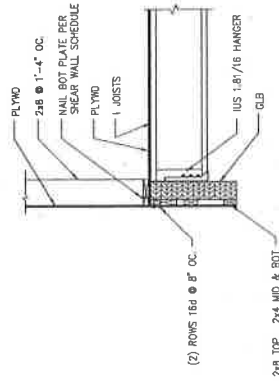
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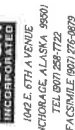
10 DETAIL
SCALE: 3/4\"/>



11 DETAIL
SCALE: 3/4\"/>



12 DETAIL
SCALE: 3/4\"/>



Qualifications:

Franklin & Associates
Consulting Engineers
225 EAST HENRIEVILLE LANE SUITE # 202
HO-ORANGE, ALASKA 99503 PHONE (907) 277-1331



Clamp

Project Name:

GALENA CENTER
GALENA, ALASKA

Project Phase / Status:

CONSTRUCTION DRAWINGS

Project #: 01-022
Drawing File #: -
Date:
Drawn By: BFG
Checked By: NF
Revisions:

Drawing Name

On the

Sheet Number:

MS

8 OF 10





Consultant

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Consulting Engineers
333 EAST PIPERD LANE, SUITE 100
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Project Name

**GALENA
CENTER**
GALENA, ALASKA

Project Phase / Status

**CONSTRUCTION
DRAWINGS**

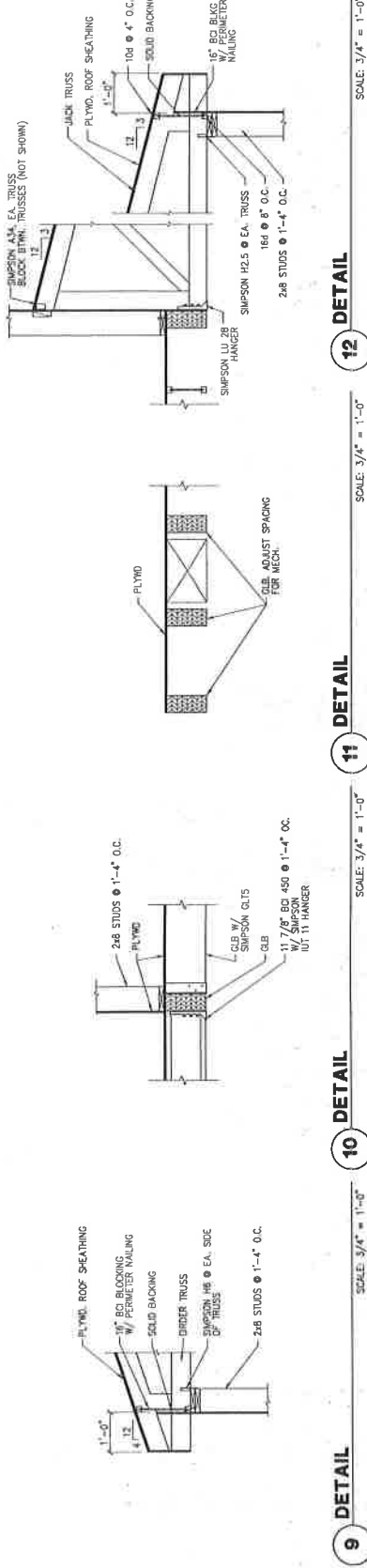
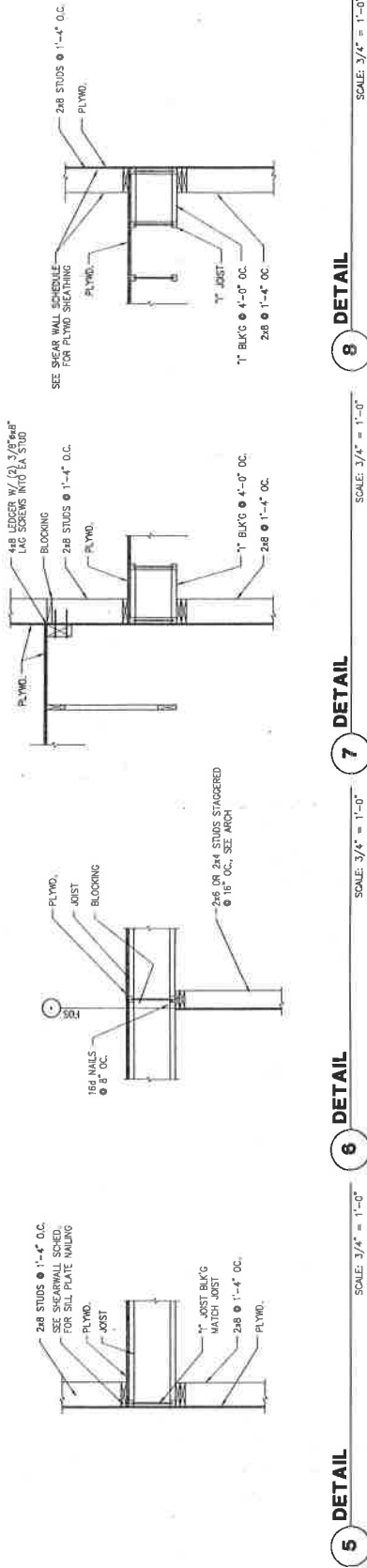
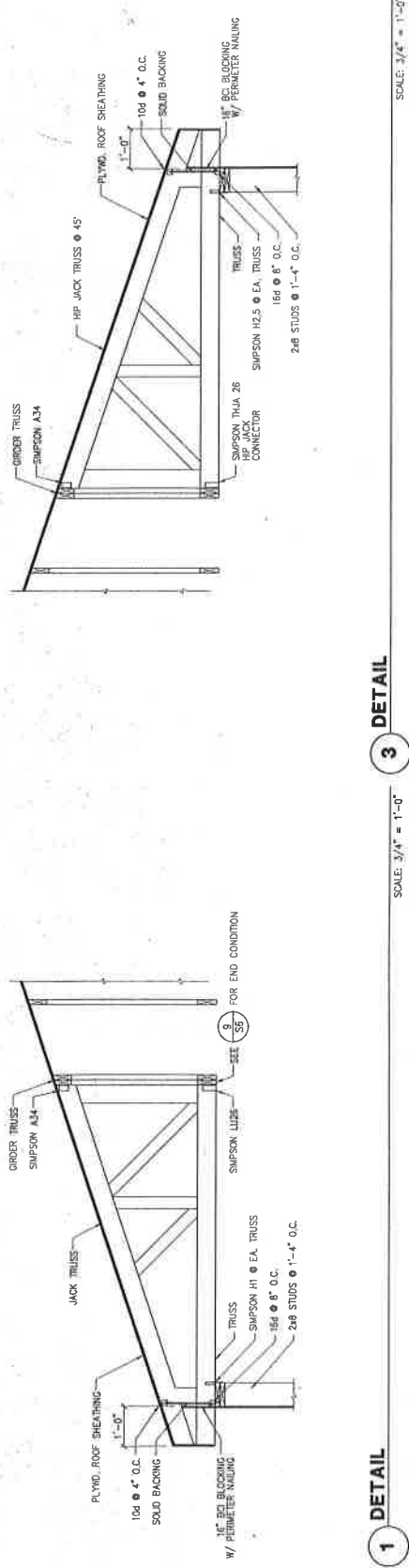
Project # 01-022
Drawing File #
0 Date
Drawn By: BFG
Checked By: NF
Revisions

Drawing Name

DETAILS

Sheet Number

S6
9 OF 10





Project Name:

SALIN CENTER
GALENA, ALASKA

Project Phase / Status

CONSTRUCTION DRAWINGS

01-03-02

Drawing File #

Date _____

Drawn By: **BPD**
Checked By: **NE**

Revisions:

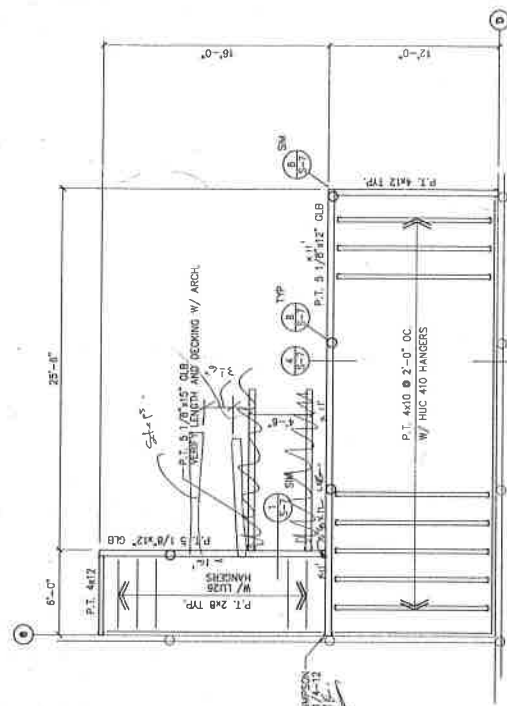
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VOLUME

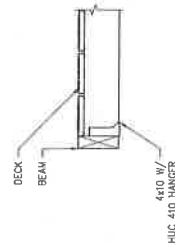
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10 OF 11

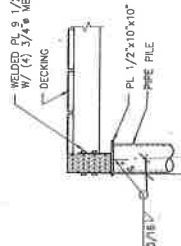


DECK PLAN

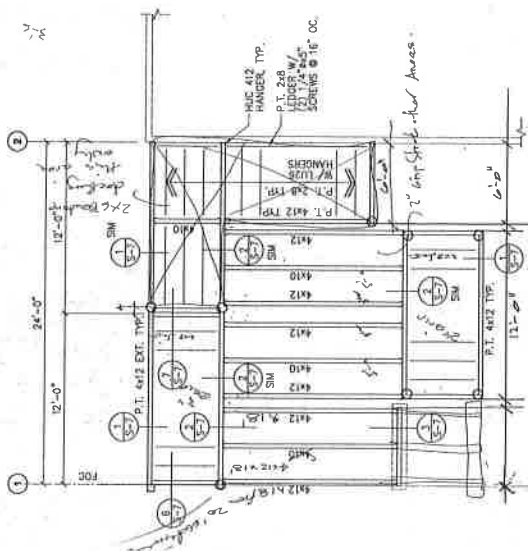
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DETAIL

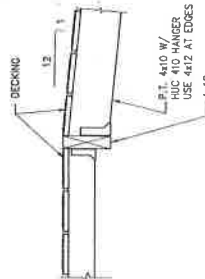
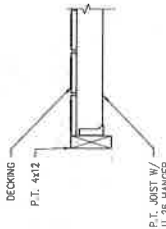
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DETAIL

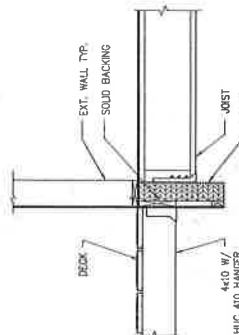
$$\text{SCMF} \cdot 3/\text{A}^2 = 1' - 0''$$


RAMP FRAMING PLAN

$$\overline{1/4^\circ = 1' - 0''}$$


DETAIL

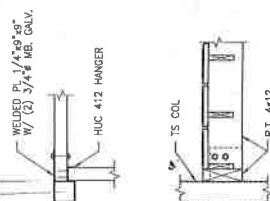
SCALE: 3/4" = 1'-0"



DETAIL

SCALE: $3/4" = 1'-0"$

DETAIL

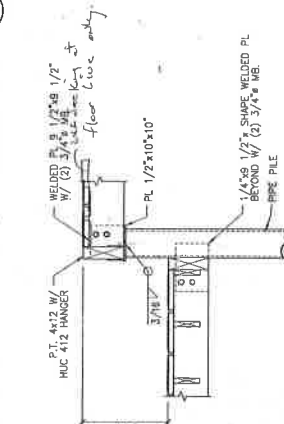
SCALE: $3/4" = 1'-0"$ 

DETAIL

SCALE: 3/4" = 1'-0"

(

SCALE: 1/4" = 1' 0"



DETAIL

SCALE: 3/4" = 1'-0"

PLUMBING FIXTURE CONNECTION SCHEDULE				
SYMBOL	FIXTURE	SOIL	WASTE	VENT
P-1	WATER CLOSET	3"	2"	1/2"
P-2	WATER CLOSET	3"	2"	1/2"
P-3	URINAL	2"	1/2"	3/4"
P-4	URINAL	2"	1/2"	3/4"
P-5	LAVATORY	1/2"	1/2"	1/2"
P-6	LAVATORY	1/2"	1/2"	1/2"
P-7	LAVATORY	1/2"	1/2"	1/2"
P-8	TUB/SHOWER	2"	1/2"	1/2"
P-9	JANTOR SINK	3"	2"	1/2"
P-10	JANTOR SINK	3"	2"	1/2"
P-11	MOP SINK	3"	2"	1/2"
P-12	KITCHEN SINK	1/2"	1/2"	1/2"
P-13	BREAK ROOM SINK	1/2"	1/2"	1/2"
P-14	ICE MAKER CONNECTION	1/2"	1/2"	1/2"
P-15	CLOTHES WASHER	2"	1/2"	1/2"
P-16	EXAM ROOM SINK	2"	1/2"	1/2"
P-17	LAB SINK	2"	1/2"	1/2"
P-18	LAB SINK	2"	1/2"	1/2"
FD-1	FLOOR DRAIN	2"	1/2"	1/2"
HB-1	HOSE BIBB	1/2"	1/2"	1/2"

HEATING UNIT SCHEDULE				
SYMBOL	TYPE	ALCOHOL (LBS)	IN	OUT
BB-1	PSO 180 180 180	180	180	180
BB-2	PSO 180 180 180	180	180	180
TH-1	PSO 180 180 180	180	180	180
CUH-1	PSO 180 180 180	180	180	180
CUH-2	PSO 180 180 180	180	180	180
CUH-3	PSO 180 180 180	180	180	180

HEATING COIL SCHEDULE				
SYMBOL	LOCATION	MBH	IN	OUT
HC-1	MECH	56.7	1/2"	1/2"

PUMP SCHEDULE				
SYMBOL	LOCATION	SERVICE	TYPE	TEMP
PMP-1	MECH	2500 GPM	1/2"	1/2"
PMP-2	MECH	2500 GPM	1/2"	1/2"
PMP-3	MECH	2500 GPM	1/2"	1/2"
PMP-4	MECH	2500 GPM	1/2"	1/2"
PMP-5	MECH	2500 GPM	1/2"	1/2"
PMP-6	MECH	2500 GPM	1/2"	1/2"
PMP-7	MECH	2500 GPM	1/2"	1/2"
PMP-8	MECH	2500 GPM	1/2"	1/2"

AIR OUTLET SCHEDULE				
SYMBOL	UNIT SIZE	SCFM	FINISH	USE
(A)	18" B	100	1/2"	1/2"
(B)	6" DIA	80	1/2"	1/2"
(C)	6" DIA	80	1/2"	1/2"
(D)	6" DIA	80	1/2"	1/2"
(E)	6" DIA	80	1/2"	1/2"
(F)	6" DIA	80	1/2"	1/2"
(G)	6" DIA	80	1/2"	1/2"
(H)	6" DIA	80	1/2"	1/2"
(I)	6" DIA	80	1/2"	1/2"
(J)	6" DIA	80	1/2"	1/2"
(K)	6" DIA	80	1/2"	1/2"
(L)	6" DIA	80	1/2"	1/2"
(M)	6" DIA	80	1/2"	1/2"
(N)	6" DIA	80	1/2"	1/2"
(O)	6" DIA	80	1/2"	1/2"
(P)	6" DIA	80	1/2"	1/2"

FAN SCHEDULE				
SYMBOL	LOCATION	CFM	HP	USE
ALH	ROOM 16	1250	1/2"	1/2"
HRV-1	MECH	180	1/2"	1/2"
HRV-2	CLOSET	180	1/2"	1/2"
BF-1	VARIABLE	180	1/2"	1/2"
BF-2	VARIABLE	180	1/2"	1/2"
BF-3	KITCHEN	180	1/2"	1/2"
VF-1	MECH	180	1/2"	1/2"

22' p-14



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Stamp:

GALENA
CENTER
GALENA, ALASKA

IN-PROGRESS
CONSTRUCTION
DRAWINGS

Project # 80270000
Drawing File # 6-4-0
Drawing By: SM/AM
Checked By: ATR
Revisions:

Drawing Name:
LEGEND &
SCHEDULES

Sheet Number:

M1
1 OF 3

Plot Date: 09/16/2011
Plot Time: 12:08 PM



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FACSIMILE 907 276-0070

Consultants:

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1001 E. 10TH AVENUE
ANCHORAGE, ALASKA 99501
TEL 907 266-7722



Stamp

Project Name
**GALENA
CENTER**
GALENA, ALASKA

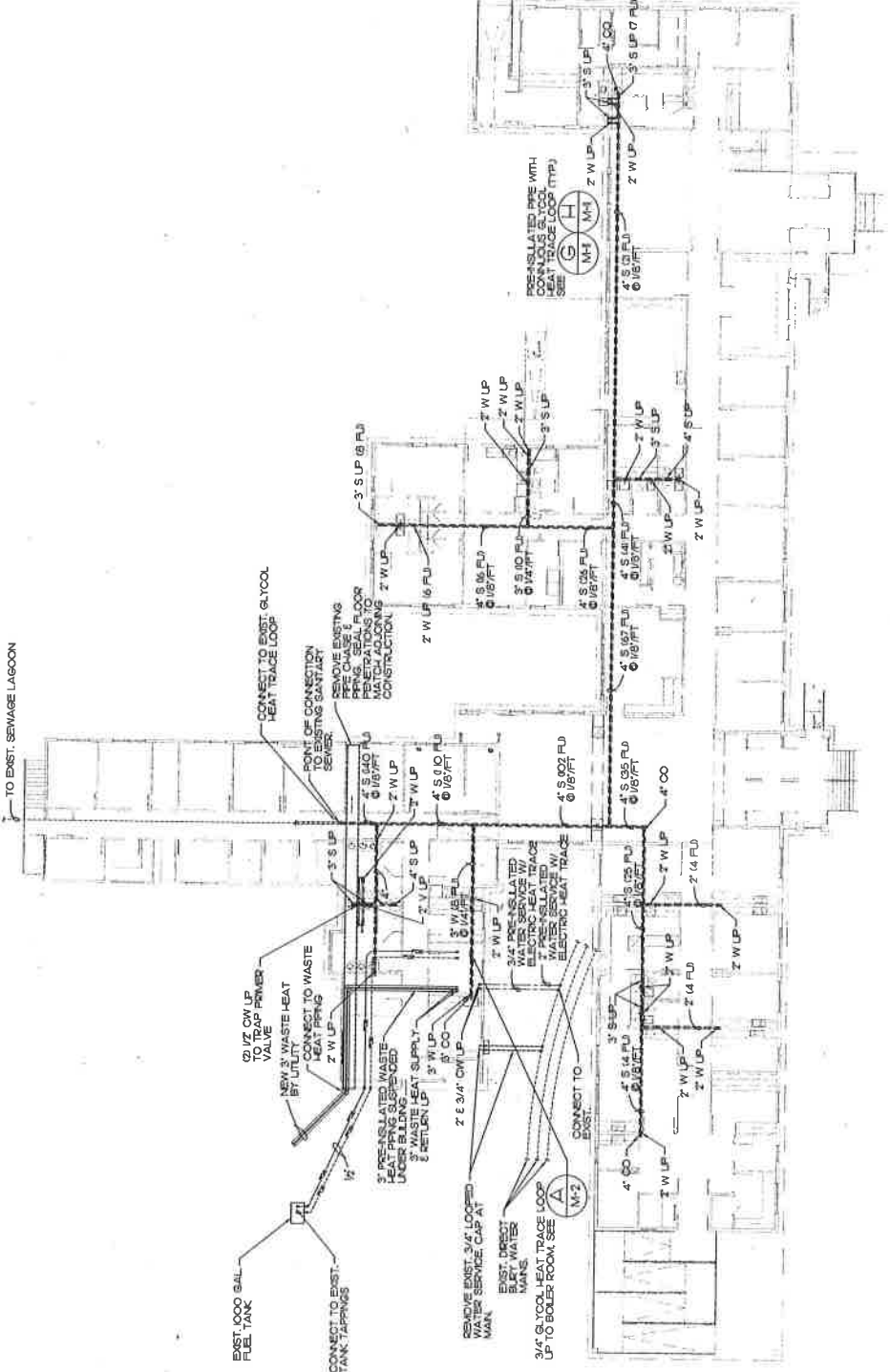
Project Phase / Status
IN-PROGRESS
**CONSTRUCTION
DRAWINGS**

Project # 80270000
Drawing File # 0-0-01
© Date 08/01/01
Drawn By JRM/JM
Checked By ATM
Revisions

Drawing Name
**UNDERFLOOR
PLUMBING
PLAN**

Sheet Number

M2
2 OF 9



A UNDERFLOOR PLUMBING PLAN
SCALE 3/32" = 1'-0"





Consultant:

MBA Consulting Engineers, Inc.
3612 Glenview Road, Suite 200 • Rochester, NY 14622
(907) 274-2832 • FAX (907) 274-0914
E-mail: mbaconsulting@att.net



Stamp:

Project Name:

GALENA, ALASKA

Project Phase / Status	IN-PROGRESS
1. Project Initiation	1. Project Initiation
2. Project Planning	2. Project Planning
3. Project Execution	3. Project Execution
4. Project Monitoring & Control	4. Project Monitoring & Control
5. Project Closure	5. Project Closure

CONSTRUCTION
DRAWINGS

Project #: B0270C00

Drawing File #:

Date: 6-8-01

Drawn By:

Checked By: **ATB**

Revisions:

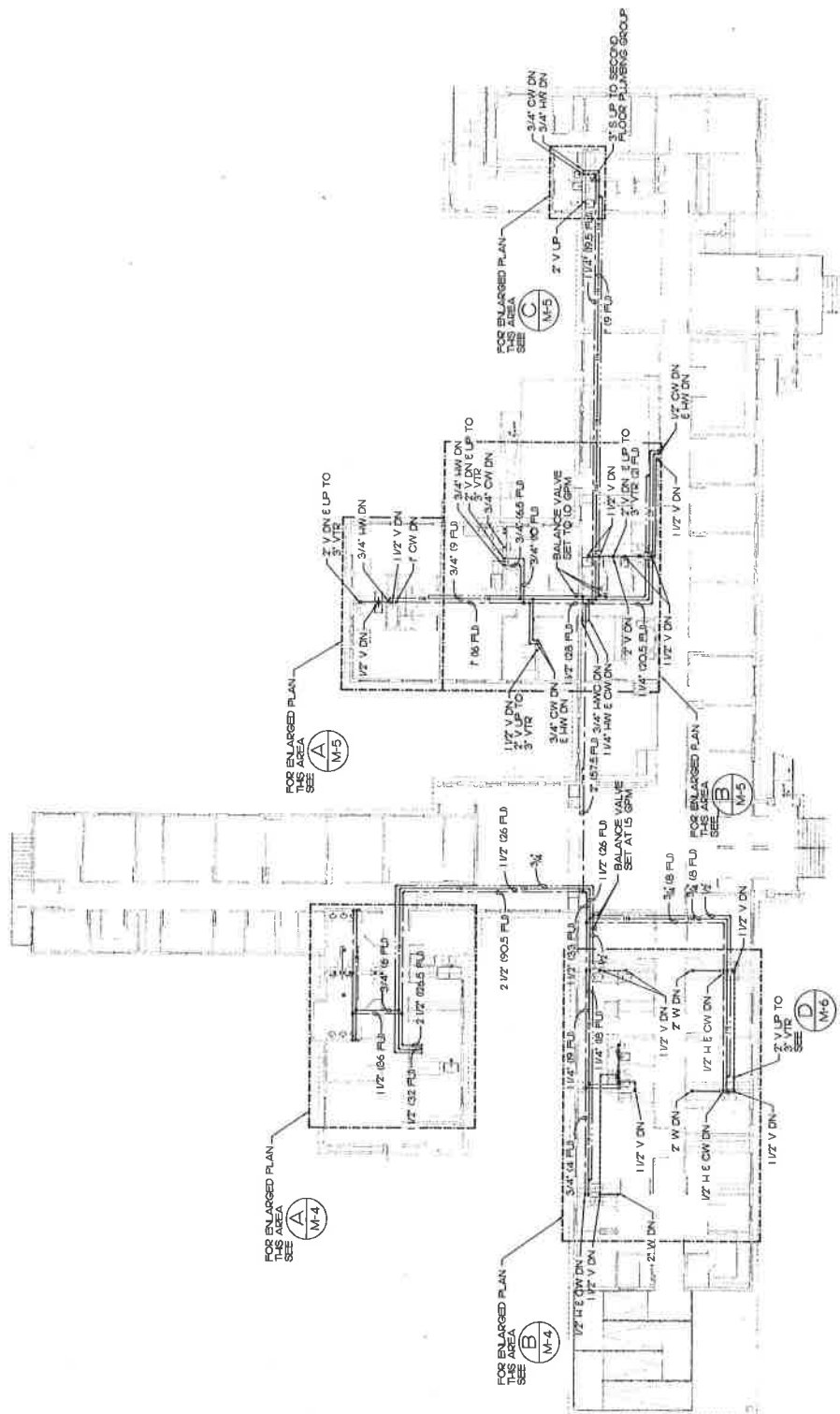
Drawn Name:

MAIN FLOOR PLUMBING PLAN

Journal Number

M3

30



A MAIN FLOOR PLUMBING PLAN
M-3 SCALE 3/32" = 1'-0"



KARLUK
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TEL 907/287-7722
FACSIMILE 907/276-6879

MBA Consulting Engineers, Inc.
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www.mba-engineers.com



Project Name

GALENA
CENTER
GALENA, ALASKA

Project Phase / Status

IN-PROGRESS

CONSTRUCTION
DRAWINGS

Project #

0027000014

Drawing File #

0-0-01

Drawn By

JRM/JM

Checked By

ATI

Revisions

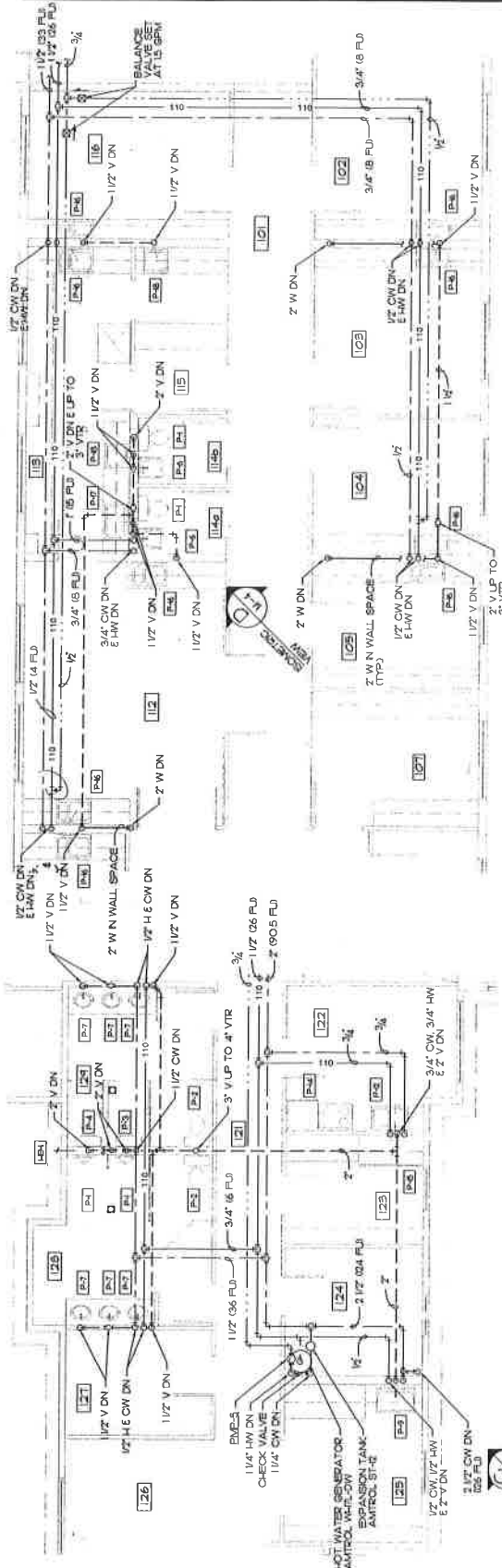
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ENLARGED
PLUMBING
PLANS AND
ISOMETRICS

Sheet Number

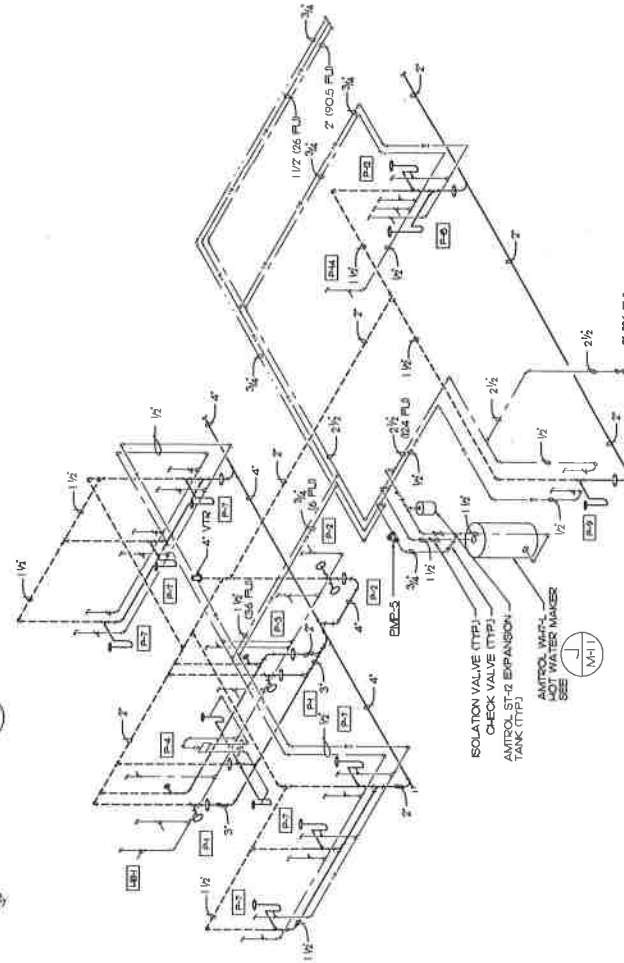
M4

4 OF 3

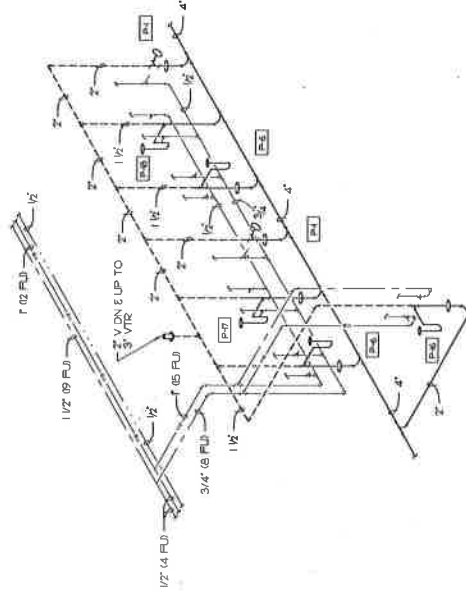


A ENLARGED PLUMBING PLAN
M-4 SCALE 1/4" = 1'-0"

B ENLARGED PLUMBING PLAN
M-4 SCALE 1/4" = 1'-0"



C PLUMBING ISOMETRIC
M-4 SCALE NONE



D PLUMBING ISOMETRIC
M-4 SCALE NONE



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Stamp

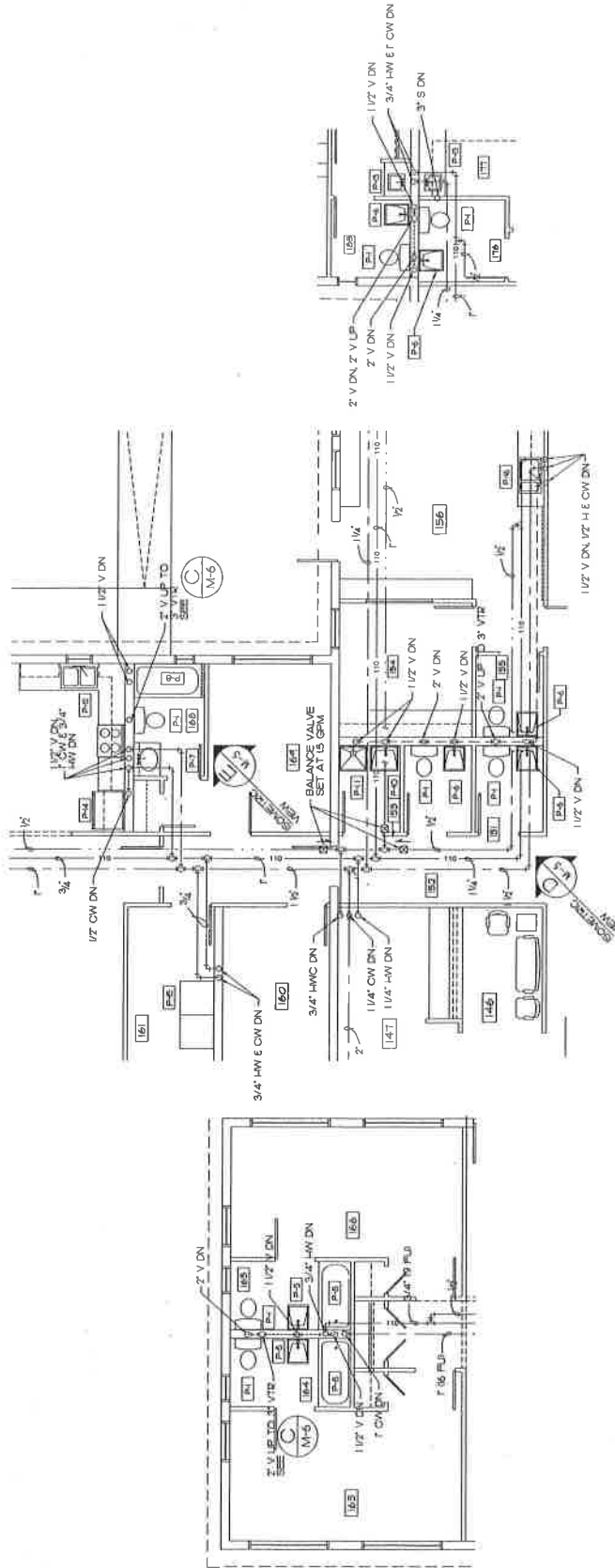
Project Name
GALENA
CENTER
GALENA, ALASKA

Project Phase / Status
IN-PROGRESS
CONSTRUCTION
DRAWINGS

Project #: B0770000
Drawing File #: 0-5-01
Drawn By: JRM/LJM
Checked By: ATW
Revisions:

Drawing Name
ENLARGED
PLUMBING
PLANS &
ISOMETRICS

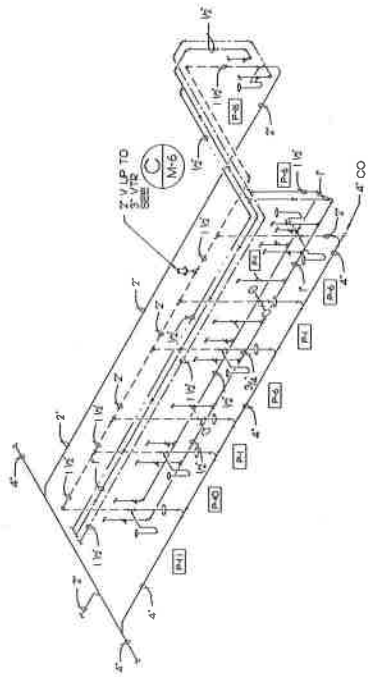
Sheet Number
M5
5 OF 8



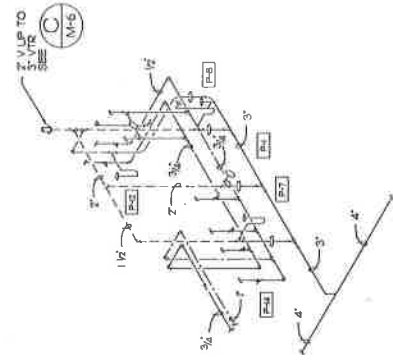
← N → **A** ENLARGED PLUMBING PLAN
M-5 SCALE 1/4" = 1'-0"

← N → **B** ENLARGED PLUMBING PLAN
M-5 SCALE 1/4" = 1'-0"

← N → **C** ENLARGED PLUMBING PLAN
M-5 SCALE 1/4" = 1'-0"



D PLUMBING ISOMETRIC
M-5 NO SCALE



E PLUMBING ISOMETRIC
M-5 NO SCALE



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Stamp:

Project Name:

GALENA
CENTER
GALENA, ALASKA

Project Phase / Status:

IN-PROGRESS

CONSTRUCTION
DRAWINGS

Project #: BR270000

Drawing File #:

Date: 6-8-01

Drawn By: JRM/AM

Checked By: ATH

Revisions:

Drawing Name:

PLUMBING
PLANS &
ISOMETRIC

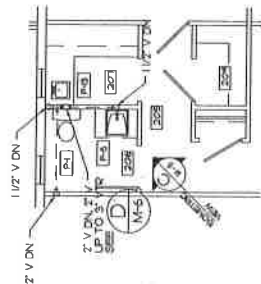
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M6

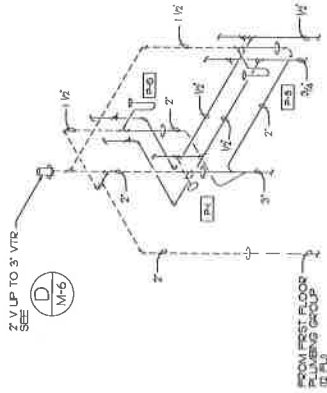
6 OF 8



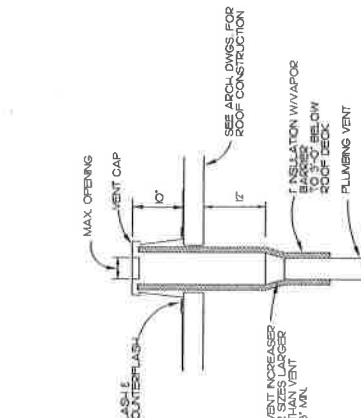
A SECOND FLOOR PLUMBING PLAN
M-5 SCALE 3/32" = 1'-0"



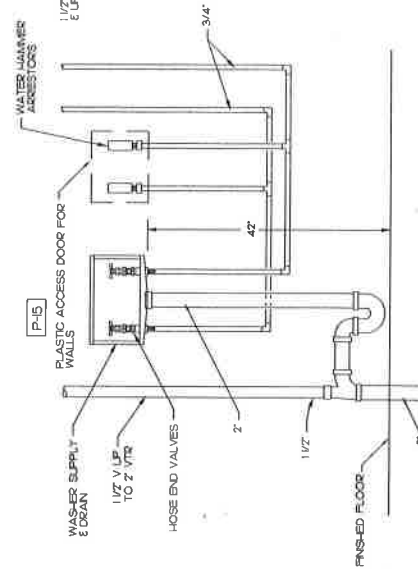
B ENLARGED PLUMBING PLAN
M-5 SCALE 1/4" = 1'-0"



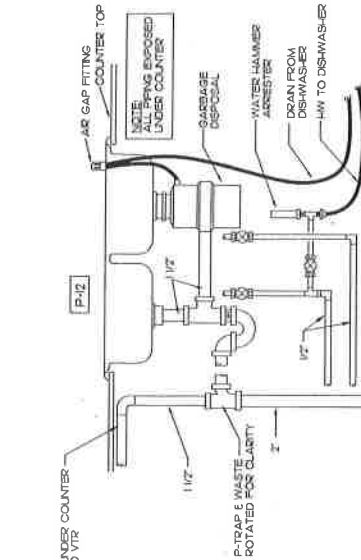
C PLUMBING ISOMETRIC
M-6 NO SCALE



D VENT THRU ROOF DETAIL
M-6 NO SCALE



E CLOTHES WASHER CONNECTION DETAIL
M-5 NO SCALE



F KITCHEN SINK DETAIL
M-6 NO SCALE



FACSIMILE (907) 276-0879

sulfate:

Consultant:

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E-mail: mceb@compuserve.com • Web: mceb.com



502708

Project Name:

Project Phase / Status

IN-PROGRESS / 2014

CONSTRUCTION DRAWINGS

Project #: B0270000

PROJECT: BUZZ/00000
Drawing File:

Drawing File: 6-8-01

Drawn By: JEM/JAM

Checked By: ATR

Revisions:

Drawing Name

STAT 0

Threat: Vandalism

M7a

7 OF 13



KEY PLAN
SCALE: NONE

A HEATING PLAN
M-T-A SCALE: 1/8" = 1'-0"



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Stamp



Project Name:

GALENA
CENTER
GALENA, ALASKA

Project Phase / Status:

IN-PROGRESS
CONSTRUCTION
DRAWINGS

Project # 80270000
Drawing File # 8-4-01
Drawn By JRM/LAM
Checked By ATN
Revisions

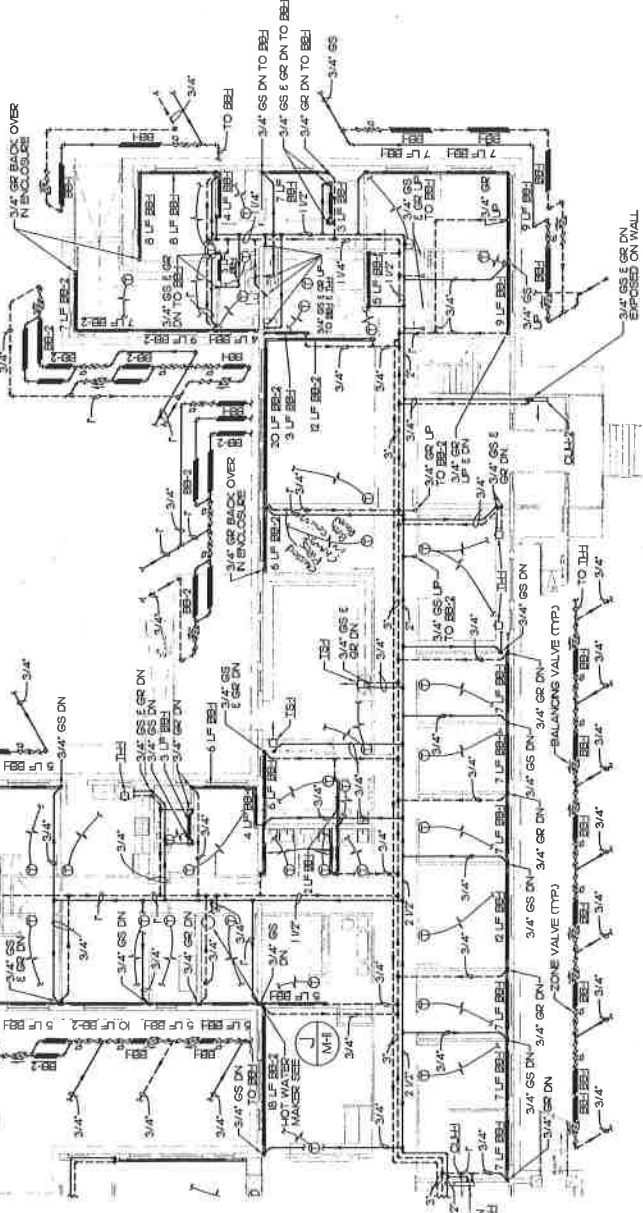
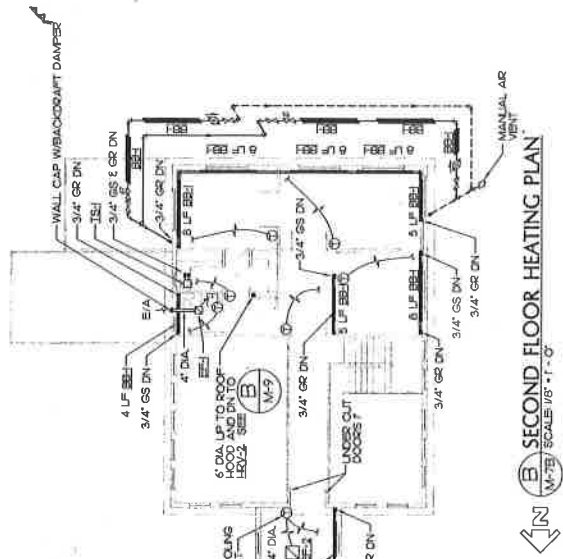
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HEATING
PLANS

Sheet Number:

M7b

3 OF 3



KEY PLAN
SCALE 1/8" = 1'-0"

KEY PLAN
SCALE 1/8" = 1'-0"



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GALENA, ALASKA

IN-PROGRESS

CONSTRUCTION
DRAWINGS

Revisions

Surat Sumatra

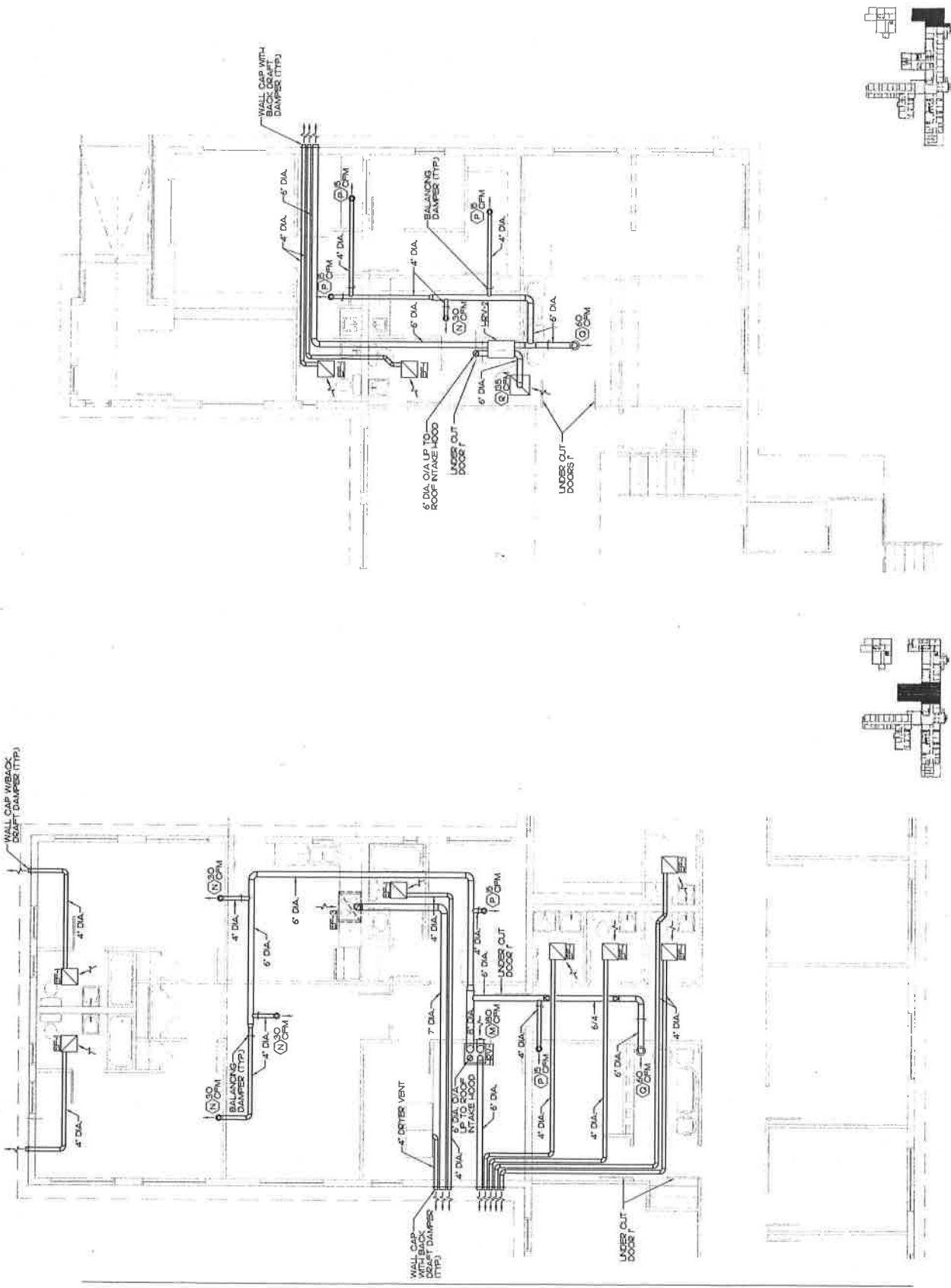
ENLARGED NOTATION

M8

12 OF 9



KEY PLAN
SCALE NONE



KEY PLAN
 SCALE NONE

ENLARGED VENTILATION PLAN
 N-9 SCALE 1/2\"/>

KEY PLAN
 SCALE NONE

ENLARGED VENTILATION PLAN
 N-9 SCALE 1/4\"/>



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Project Name

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**CONSTRUCTION
DRAWINGS**

Project #:

Drawing File #:

Date:

Drawn By:

Checked By:

Revisions:

Drawing Name:

ENLARGED

BOILER

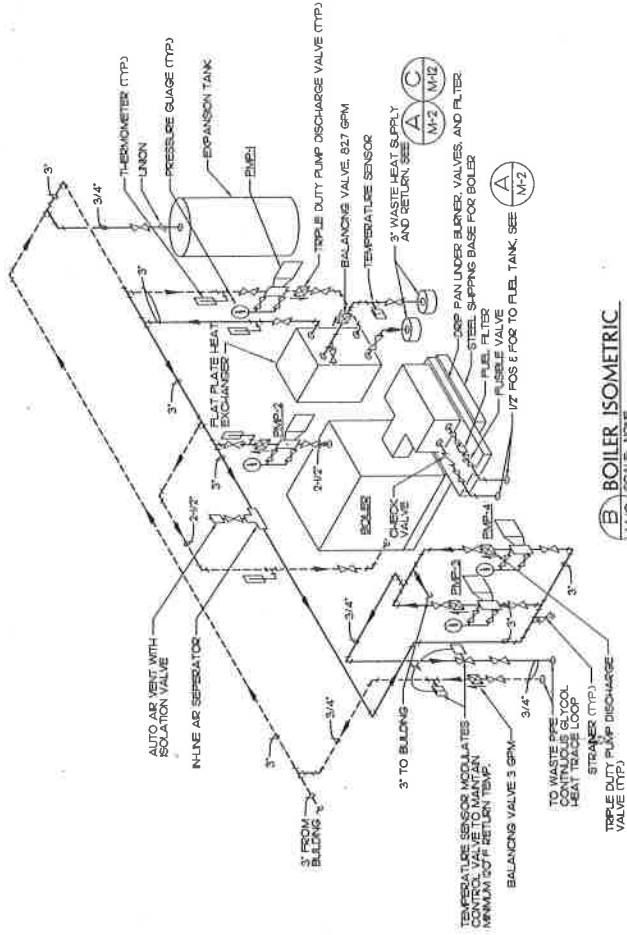
ROOM PLAN

& ISOMETRICS

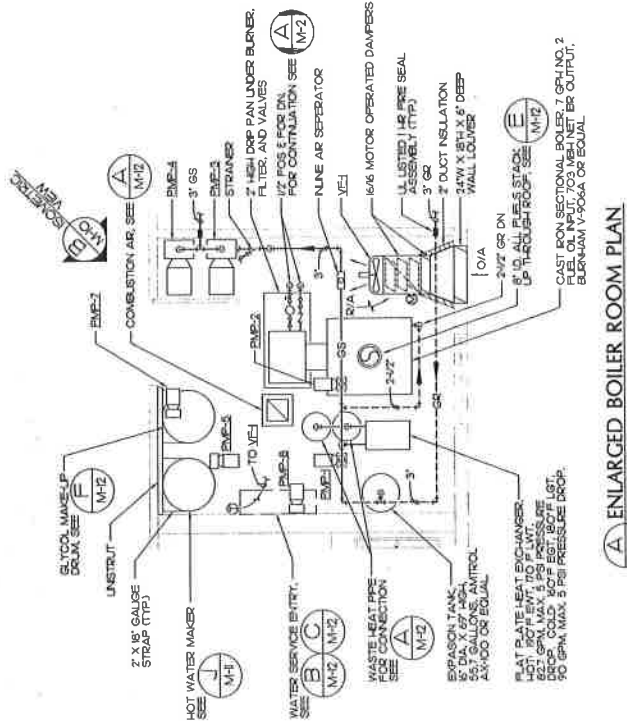
Sheet Number:

M10

1 OF 3



B BOILER ISOMETRIC
N=0 SCALE: NONE



A ENLARGED BOILER ROOM PLAN
N=0 SCALE: 1/2\"/>



Project Name:

GALENA, ALASKA

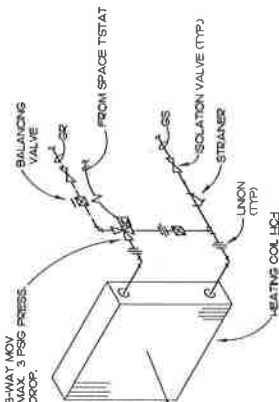
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IN-PROGRESS

CONSTRUCTION
DRAWINGS

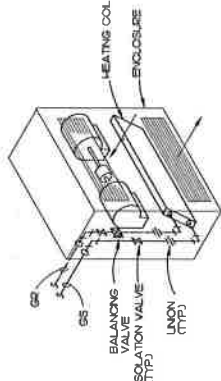
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Date: 06-08-2001
Drawn By: JLM
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Revisions:

Drawing Name:
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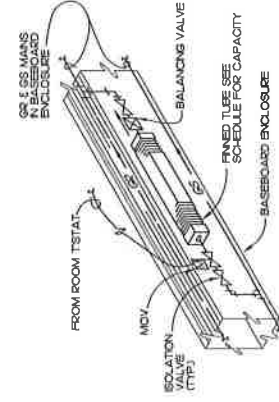
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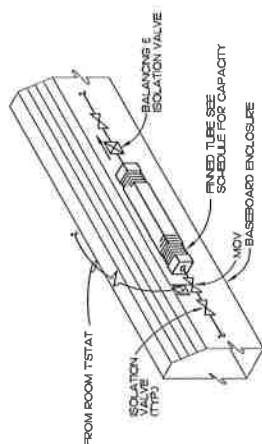
A 3-WAY VALVE COIL DETAIL
N-11 NO SCALE



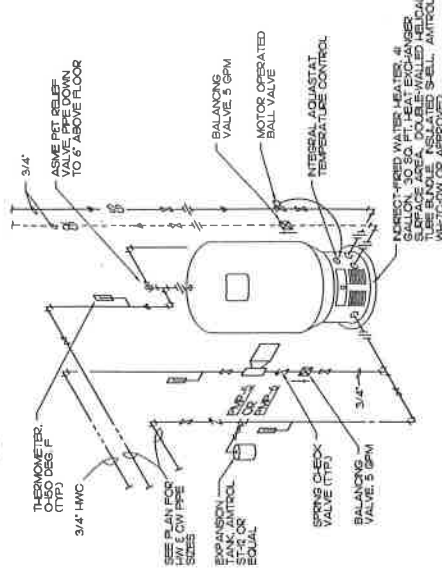
B CABINET UNIT HEATER DETAIL
M-1 | NO SCALE



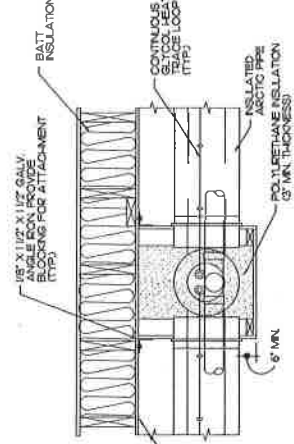
D BASEBOARD PIPING DETAIL
NH-1 NO SCALE



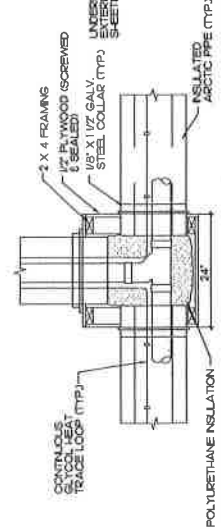
E BASEBOARD PIPING DETAIL
MHI NO SCALE



F GLYCOL MAKE-UP DETAIL
MHI NO SCALE



H-ARCTIC PIPING SECTION
NH SCALE 7'-0"



① ARCTIC PIPING PLAN
SCALE: 1" = 10'

1 HOT WATER MAKER PIPING
M-11 NO SCALE



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Project Name:

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Project Phase / Status
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CONSTRUCTION
DRAWINGS

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Drawing File #: 9-4-01
Date: 10/10/01
Drawn By: JSM/JAM
Checked By: AM
Reviewed:

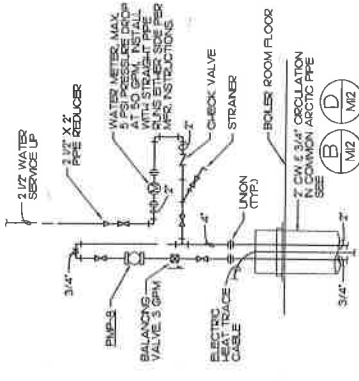
Drawing Name:

DETAILS

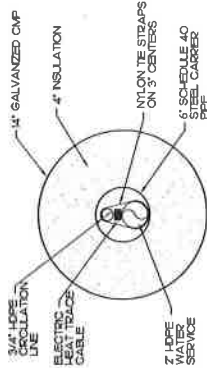
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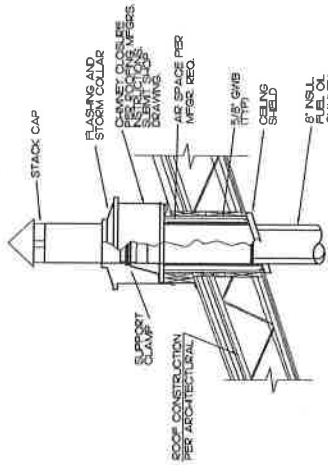
12 OF 13



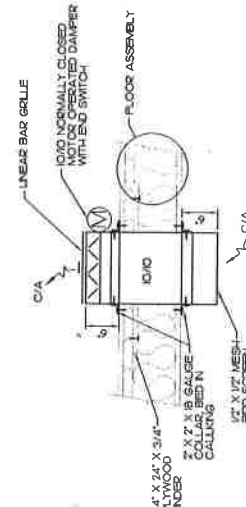
A COMBUSTION AIR DETAIL
M12 / NTS



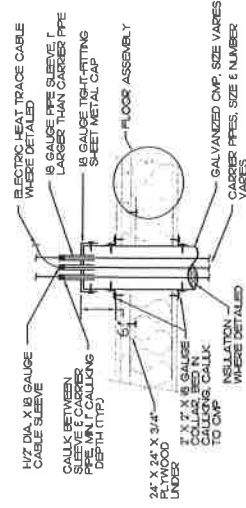
B DOMESTIC WATER SERVICE
M12 / NTS



C WATER SERVICE DETAIL
M12 / NTS



D ARCTIC CONDUIT THROUGH FLOOR
M12 / NTS



E CHIMNEY DETAIL
M12 / NO SCALE



EQUIP. SYMBOL	DESCRIPTION	MANUFACTURER'S NUMBER
(1)	PHOTOCELL ADJUSTABLE 60 VOLTS, 8000VA SPST, MOUNT ON CONDUIT STEM Z ABOVE ROOF FACING NORTH.	TOROK-201
(2)	SEVEN DAY DIGITAL TIME CLOCK 100 VOLTS, 20 AMP, SPST WITH BATTERY BACKUP, REMOTE SETTING, 20 AMP SWITCH LOCATE ADDRESS TO PANEL LABEL "EXTINGUISH LIGHTS," ON, "OFF," "AUTO."	TORCK-REMO1
(3)	ELECTRICALLY HELED LIGHTING CONTACTOR, NUMBER ONE PER EACH ROOM OR RECENTLY USED AT LEAST ONE PER EACH CORRIDOR, IDENTIFY EACH MANUALLY OPEN UNLESS SPECIFIED OTHERWISE, LOCATE ADJACENT TO SERVING PANELBOARD	SQUARE D CLASS SQ903 OR EQUAL
(4)	WIRELESS METAL CORDWAY 1 3/4" X 4 3/4", TWO SERIES OF 10' LONG, ONE END WITH FITTINGS, WITH FITTINGS, NUTS AND JACKS FOR FIBER OPTIC BE CONNECTED AND ST CONNECTORS FOR FIBER OPTIC CONVING DATA OUTLETS ARE NEGATED ON PLAN, IN CORRIDOR FOR COMMUNICATION INSTALL, TIE CABLE TO CONDUIT, WIRELESS WIRELESS TO CABLE HANGERS & CORRODORS	WIREDNESS 40000 SERIES

NOTE: PROVIDE SHADED FIXTURES WITH BODINE B50 OR B94 OR EQUAL EMERGENCY BALLAST, SUITABLE FOR USE WITH LAMP TYPE _____

[illegible]

THIS IS A STANDARD LEAD. ALL STUDIOS BEGIN ON LEADS ARE NOT



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CONSTRUCTION DRAWINGS

Project #:

Drawing File #: B027_E1

Date: 06-08-2001

Drawn by: SRS
Checked By: ML/DAM

Revisions:

Drawing Name:

LEND, SCHEDULES & DETAILS

Sheet Number:

西

Figure 1



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Project Phase / Status:
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**CONVERSION
DRAWINGS**

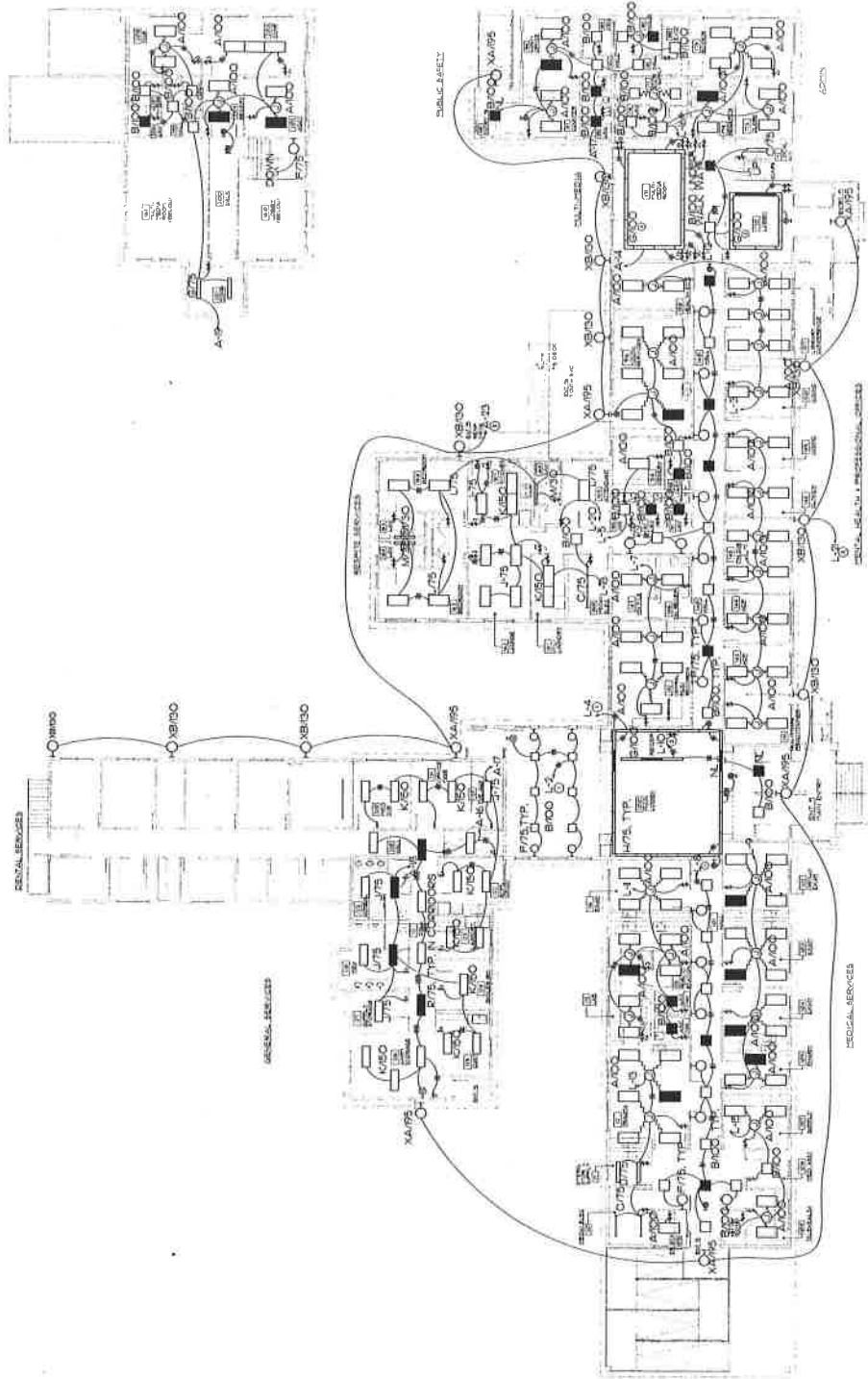
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Drawing File #: B007_E2
eDate: 09-09-2007
Drawn By: SRS
Checked By: DM
Revisions:

Drawing Name:
**LIGHTING
PLAN**

Sheet Number:

E2

2 OF 6



NOTES

1. CONNECT THROUGH COMMON SPACES LIGHTING CONTROL CONTACTOR. PROVIDE UNSWITCHED CONDUCTOR FOR EMERGENCY LIGHT AND EXIT SIGN CONNECTION.
2. SWITCH CONTROLS ALL COMMON SPACES LIGHTING NOTED BY OUTLINE THROUGH COMMON SPACES. PROVIDE UNSWITCHED CONDUCTOR FOR EMERGENCY LIGHT AND EXIT SIGN CONNECTION. ELECTRICAL HOLD SQUARE D CLASS 6903 WITH NUMBER OF POLES AS REQUIRED PLUS A MINIMUM OF ONE SPARE POLE.
3. SWITCH INNER AND OUTER LAMPS SEPARATELY. PROVIDE DUAL BALLASTED FIXTURES TO ACCOMPLISH THIS CONTROL.
4. FOR NORTH, EAST, AND WEST SECTION, SWITCH INNER LAMP, DIM OUTER LAMP. FOR SOUTH SECTION, SWITCH INNER AND OUTER LAMPS SEPARATELY. FOR EAST AND WEST SECTION, SWITCH INNER AND OUTER LAMPS SEPARATELY. THIS CONTROL SCHEME.
5. THRU EXTERIOR LIGHTING CONTROL. CONTACTOR SEE SHEET E-4.

A LIGHTING PLAN
E-2 SCALE 3/32" = 1'-0"



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Project Name:

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Project Phase / Status:
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CONSTRUCTION
DRAWINGS

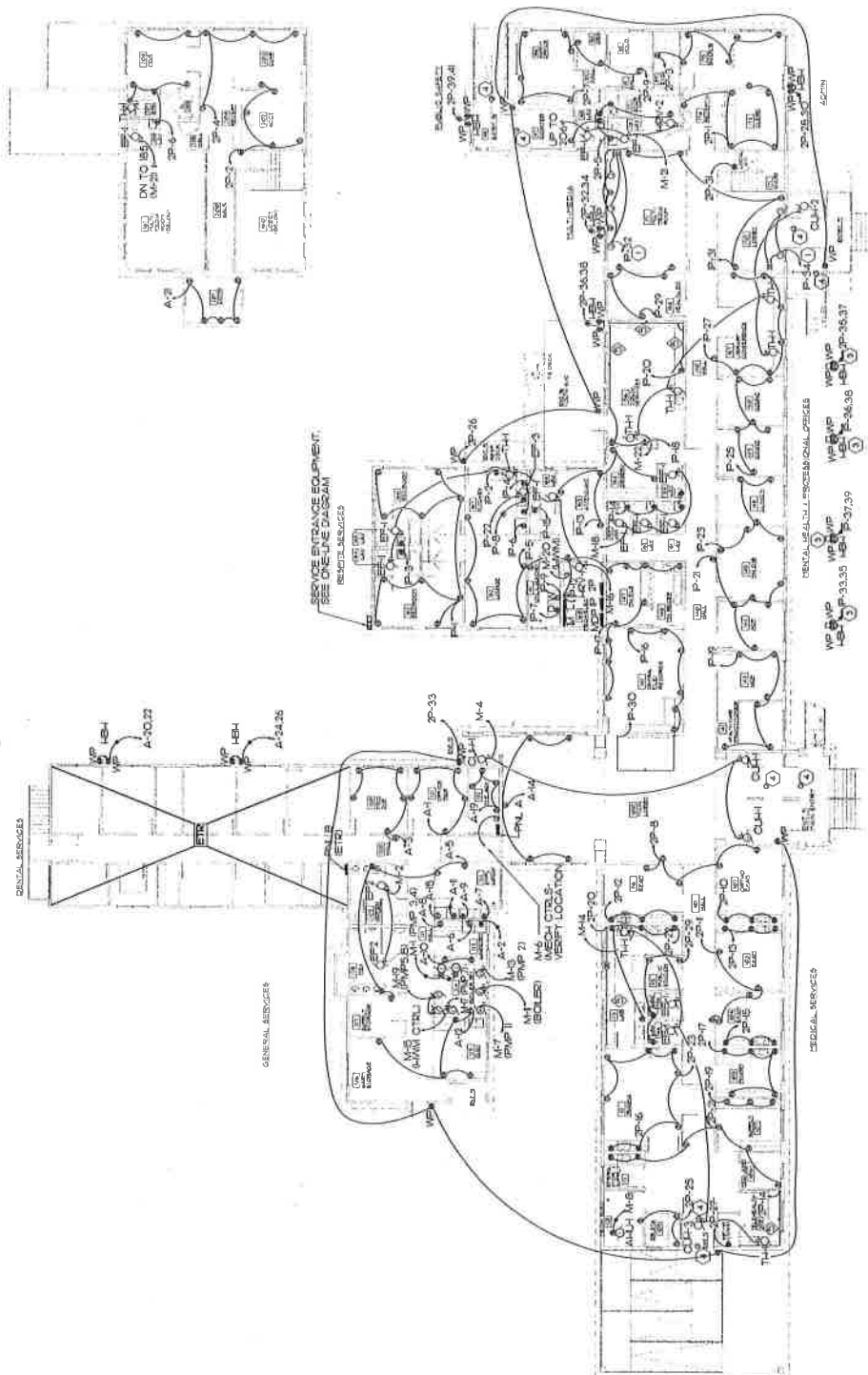
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Checked By: DML/MS
Revisions:

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**POWER
PLAN**

Sheet Number:

E3

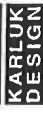
3 OF 4



POWER PLAN
SCALE 3/32" = 1' - 0"

NOTES

1. PROVIDE CONNECTION POINTS AND SWITCHES FOR MOTORIZED WINDOW COVERINGS AS SHOWN, INCLUDE PROVISIONS TO THE INTO CONTROL FROM ANY PANEL IN FUTURE.
2. COORDINATE WITH CITY OF GALENA ON ANY POWER REQUIREMENTS FOR MEDICAL EQUIPMENT OR AUDIOVISUAL EQUIPMENT, INCLUDING CONTROLS INTERCONNECTION AS REQUIRED.
3. MOUNT HEADBOLT HEATER RECEPTACLES ON 4X6X5 FT TREATED WOODEN POST, 47" ABOVE GRADE.
4. CONNECT MOTOR OPERATED DOORS, PROVIDE POWER FROM CIRCUIT P-24 AND INTERCONNECTIONS AS REQUIRED, COORDINATE WITH ACTUAL DOOR PROVIDED.



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Project Phase / Status:
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Project #: 06-08-2001
Drawing File #: 8N8
Date: DJM
Drawn By:
Checked By:

Drawing Name:

Sheet Number:

4 OF



1. PROVIDE CABLEING IN SURFACE RACEWAYS, PANT RACEWAY TO MATCH MOUNTING SURFACE.
2. PROVIDE TWO (2) EMPTY CONDUIT UNLESSORS, AS MUCH TELEPHONE ROOM TO MOST PROPERTY LINE, PROVIDE AN ADDITIONAL "1" CONDUIT STYLE DOWN THROUGH STUBS INTO OPEN SPACE BELOW. TERMINATE CONDUITS 5' ABOVE FLOOR AND CAP AT EACH END.
3. RELOCATE EXISTING TELEPHONE AND COMMUNICATA CONDUITS AND CABLES TO NEAREST AVAILABLE CONDUIT. ALL LOCATIONS IN EXISTING BUILDING OUTSIDE REMOVED AREA.
4. PROVIDE 1" C.O. FROM EQUIPMENT LOCATION TO CONTROL LOCATION IN ANY ROOM.
5. PROVIDE FOUR (4) CONDUIT STUBS THROUGH FLOOR OF COMPUTER ROOM 2010 TO CABLE HANDLER ROUTE ON UNDERSIDE OF WALKWAY.
6. BACKSOME CONDUIT TERMINATION LOCATION (APPROX).
7. SEE COMMUNICATA ONELINE DIAGRAM FOR INDIVIDUAL OUTLET AND BACKSOME CABLEING REQUIREMENTS.
8. PROVIDE 2" (2) CONDUIT STUBS THROUGH FULL-HEIGHT WALL, BETWEEN ACCESSIBLE CEILING SPACE (MFR. ABOVE HANDLER ROUTE).



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Project Phase / Status:

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CONSTRUCTION
DRAWINGS

Project #:
Drawing File # 8027_15
Date: 06-06-2001
Drawn By: RNS
Checked By: DM
Revisions:

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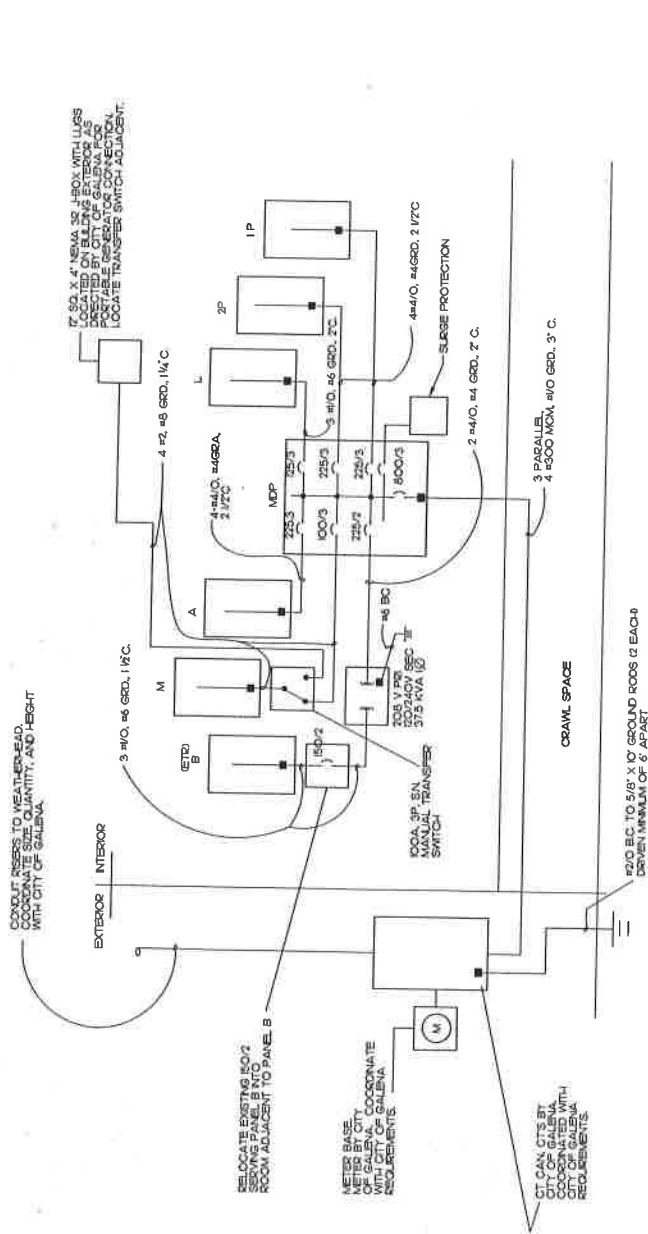
PANEL
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Sheet Number:

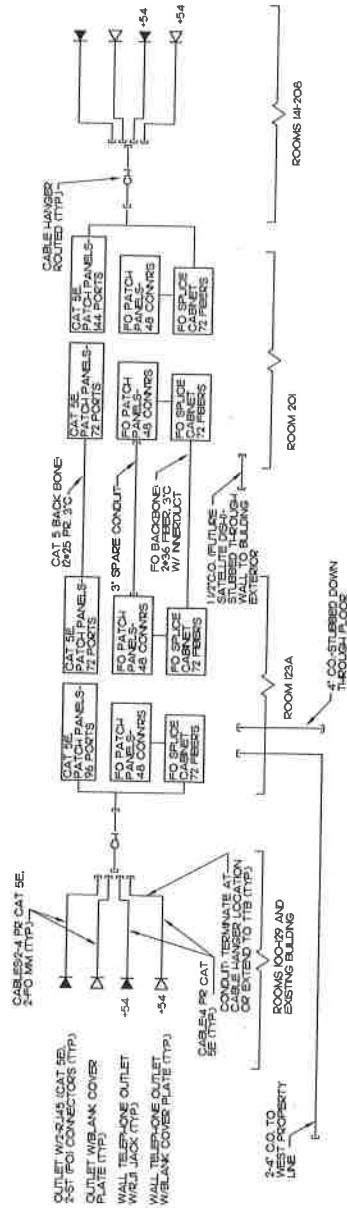
E5
5 OF 8

PANEL: A
PROJECT: GALENA CENTER

TWO-208 VOLTS									
CIRCUIT DESCRIPTION		KVA		AMP		FUSE		THRUFEED	



1 POWER ONE-LINE DIAGRAM
E-6 NTS



2 COMM/DATA ONE-LINE DIAGRAM
E-5 NTS

CEN
GALENA, ALAS.

Project Phase / Status:
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**CONSTRUCTION
DRAWINGS**

Project #:
Drawing File # 1007_25
Date: 09-09-2001
Drawn By: BNS
Checked By: DM
Revisions:

Drawing Name:
**ONE-LINE
DIAGRAM, &
MISC. DETAILS**

Sheet Number:

E6

6 OF 6