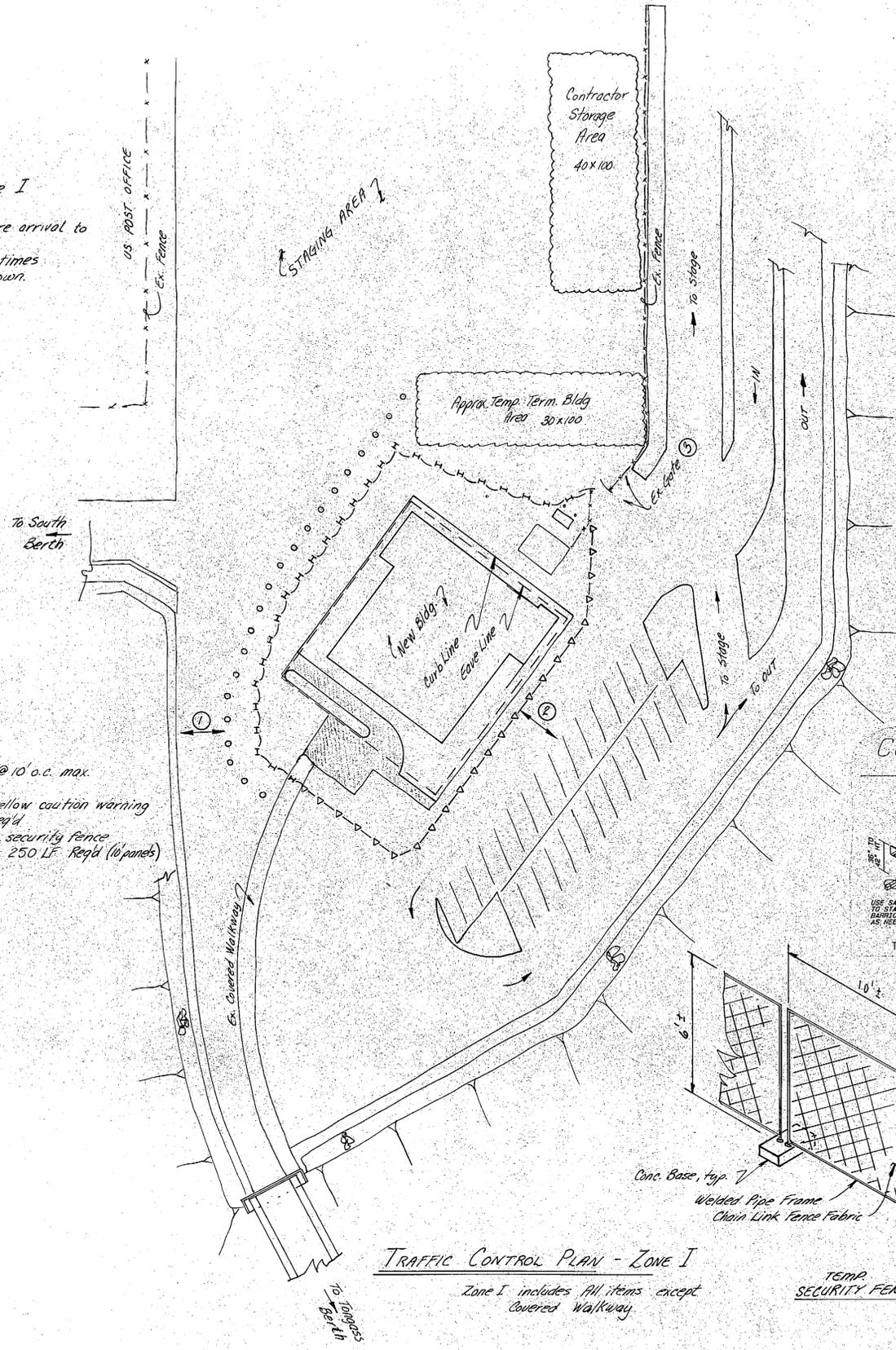


- NOTES: Zone I
- 20' min width
 - 20' min width - 2hrs before arrival to 1 hr after departure
 - 12' min width all other times
 - Fix gate open as shown.



LEGEND:

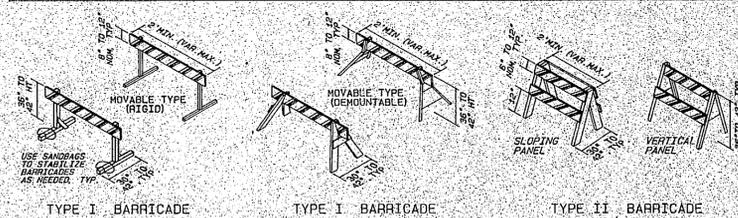
- Cone - 25 Req'd @ 10' o.c. max
- H Type II Barricade w/ yellow caution warning tape between - 25 Req'd
- ▽ 6' temporary chain link security fence w/ conc. post bases - 250 LF Req'd (6 panels)

TRAFFIC CONTROL PLAN - ZONE I

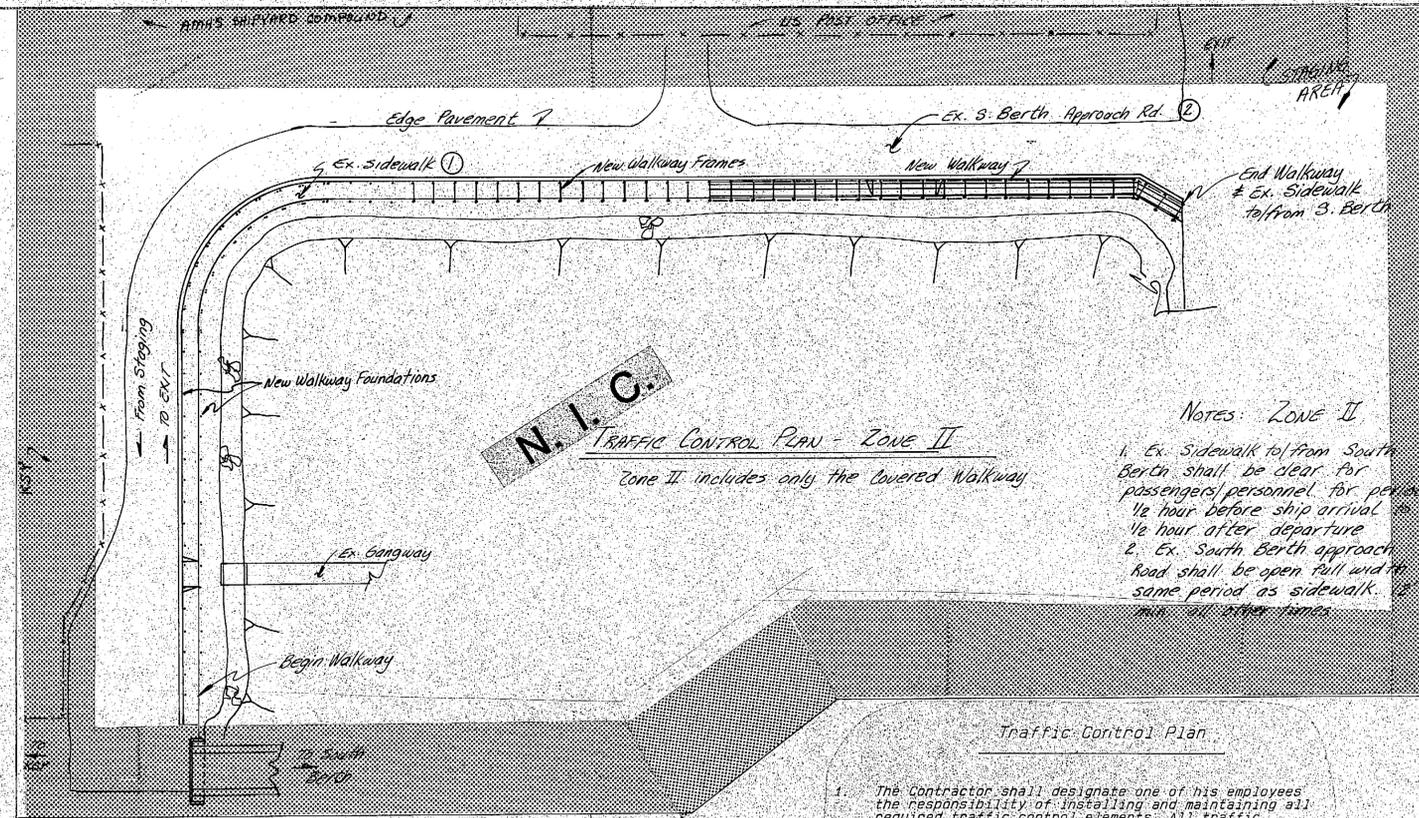
Zone I includes All items except Covered Walkway

TEMP. SECURITY FENCE

CONSTRUCTION BARRICADES and SIGNS



- Construction barricades and construction signs shall be made of wood, metal, or other suitable weather resistant material.
- Barricades shall be fabricated structurally sound and sufficiently rigid to maintain the purpose and intent of a barricade facility and not be a hazard to motorists.
- Barricades and traffic control devices shall be maintained in a neat and orderly fashion prior to and during construction and maintenance operations. They shall remain in place only as needed.
- Barricades shall be subject to the approval of the engineer.
- Orange and white stripes shall be reflectorized.
- Type I and Type II barricades shall be striped on both sides, and stripes shall slope down toward the traffic side of barricade.
- Weights of concrete, stone, or brick shall not be allowed, and weights other than sandbags used to stabilize barricades shall be rigidly attached to the barricade so as not to create a hazard when struck by a vehicle.
- Construction signs shall be reflectorized or illuminated and per Alaska Sign Design Specifications (ASDS) and as per the MUTCO Alaska Supplement.



Notes: Zone II

- Ex. Sidewalk to/from South Berth shall be clear for passengers/personnel for period 1/2 hr before ship arrival 1/2 hr after departure
- Ex. South Berth approach Road shall be open full and for same period as sidewalk 1/2 hr before ship arrival 1/2 hr after departure

TRAFFIC CONTROL PLAN - Zone II

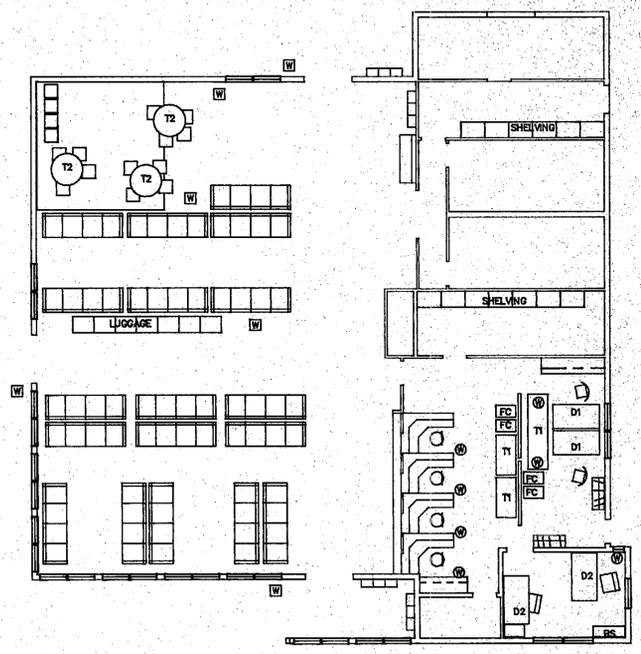
Zone II includes only the covered Walkway

Traffic Control Plan

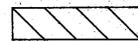
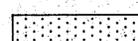
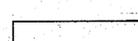
- The Contractor shall designate one of his employees the responsibility of installing and maintaining all required traffic control elements. All traffic control elements shall be maintained 24 hr/day. Refer to Section 01530.
- All construction signing shall remain in place until the condition they delineate no longer exists.
- Once the Contractor begins improvements the following traffic controls will remain in force until the project is completed.
 - The Contractor shall conduct his operations so as not to interfere with normal scheduled ferry access or vehicular traffic to and from the existing ferry facilities or temporary facilities.
 - Ferry traffic shall have priority over construction activities and it shall be the Contractor's responsibility to coordinate his activities with ferry arrivals and departures.
 - Terminal personnel will dock, linehandle, stage traffic, and operate the transfer equipment.
 - Contractor shall provide safe access and lighting for terminal personnel to tie up points as required throughout the contract.
- The Contractor shall not stockpile any materials in the existing staging area without approval of the Engineer.
- Construction Phasing Plans and a Traffic Control Plan for each phase shall be required in accordance with Section 01530.
- Refer to Section 01530 for minimum number of signs and barricades to be provided. Signs shown show ASDS coding. All signs to be Class 5-L.

STAMP		DO NOT SCALE THIS DRAWING - USE DIMENSIONS	
STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES			
Ketchikan		Alaska	
TRAFFIC CONTROL PLAN			
DESIGNED	5	CHECKED	
PROJECT NUMBER	75010	DRAWN	
		DATE	7/92
		SHEET	OF

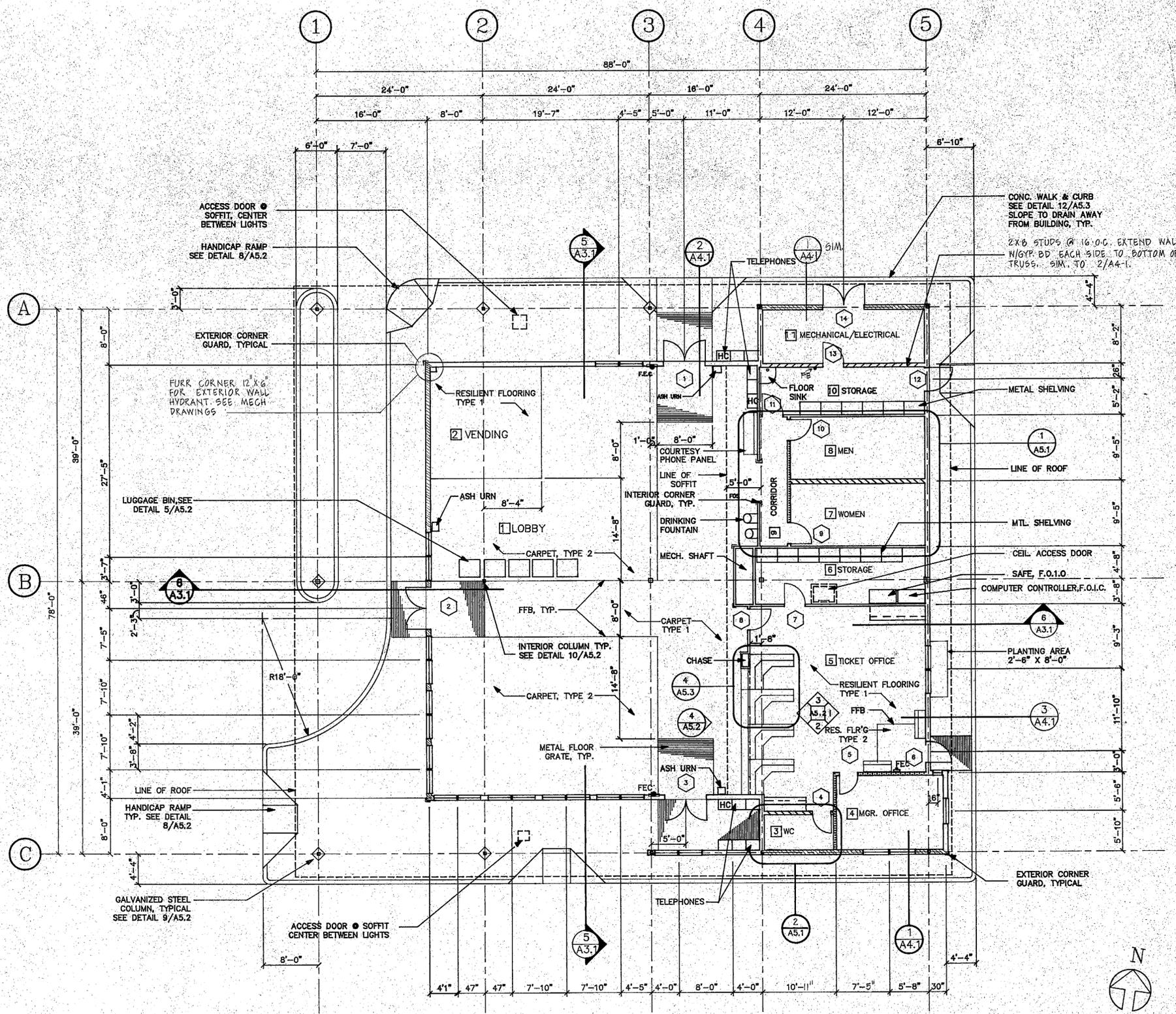
- CHAIR
 TYPE 1 
 TYPE 2 
 TYPE 3 
 TYPE 4 
- OFFICE DESK
 TYPE 1 
 TYPE 2 
- TABLES
 TYPE 1 
 TYPE 2 
- METAL SHELVING 
- FILE CABINETS 
- MOVEABLE WALL PANELS 
- MULTIPLE LOUNGE SEATING 
- WASTE BASKET 
- WASTE RECEPTACLE 
- BOOK SHELF 



3 FURNISHINGS PLAN / SCHEDULE

-  PLUMBING WALL W/ 5/8" TYPE "X" WR GWB EA. SIDE, SEE PLANS FOR STUD SIZE.
-  2x4 STAGGERED WOOD STUDS @ 8" o/c ON 2x6 WOOD PLATE W/ 5/8" TYPE "X" WR EA. SIDE, SOUND INSUL. & ACOUSTIC SEALANT @ PERIMETER. (SOUND RATED WALL)
-  2x4 WOOD STUDS @ 16" o/c W/ 5/8" TYPE "X" WR EACH SIDE.

2 INTERIOR WALL TYPES



1 FLOOR PLAN
 Scale: 1/8" = 1'-0"

NOTES: SEE STRUCT. FOR EXTERIOR WALLS. SHADED WALLS HAVE 1/2" PLYWOOD @ INTERIOR SIDE IN ADDITION TO GYP. BD. 1/2" GWB MAY BE SUBSTITUTED WHERE PLYWD. NOT REQUIRED BY STRUCT.



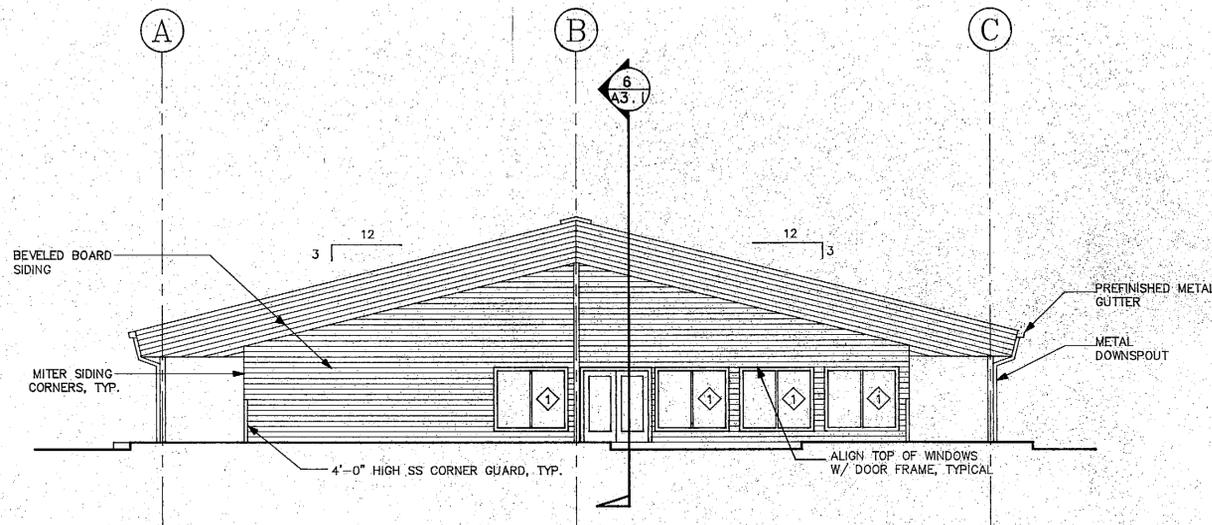
MRV
 MINCH RITTER VOELCKERS ARCHITECTS
 800 GLACIER AVENUE, #A
 JUNEAU, ALASKA 99801
 (907) 586-1371
 FAX 463-5544

KETCHIKAN
 FERRY TERMINAL
 for the
 ALASKA MARINE HIGHWAY SYSTEM
 DOT/PF 75010
 MRV: 9008

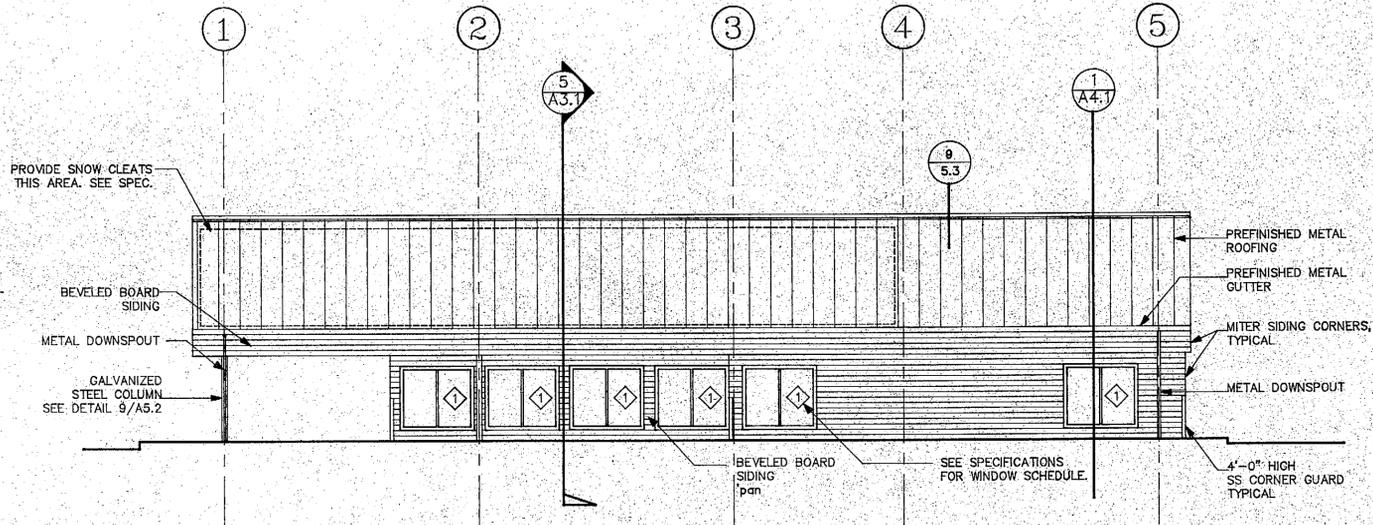
SHEET TITLE:
 FLOOR PLAN,
 FURNISHINGS

DATE: MAY 31, 1991
 DRAWN: GRG
 CHECKED: RR

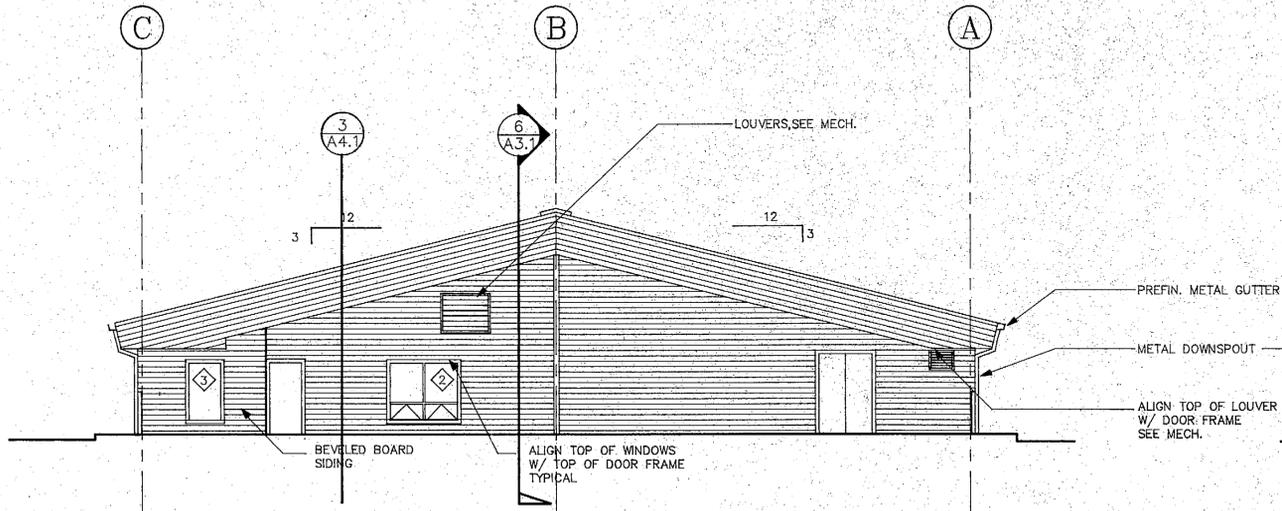
SHEET NO.
A2.1



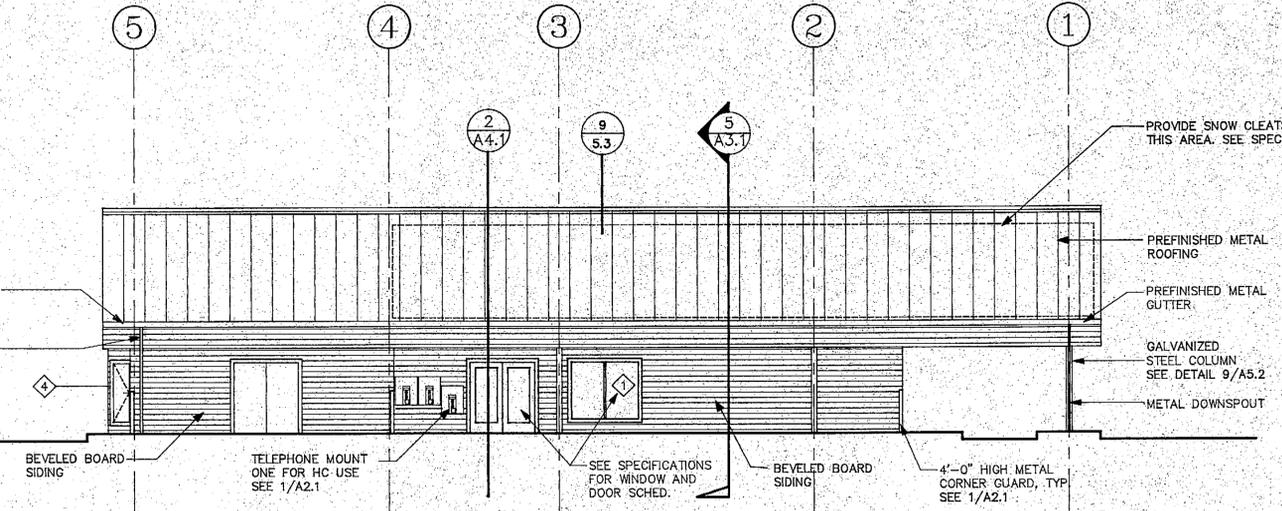
1 WEST ELEVATION
Scale: 1/8" = 1'-0"



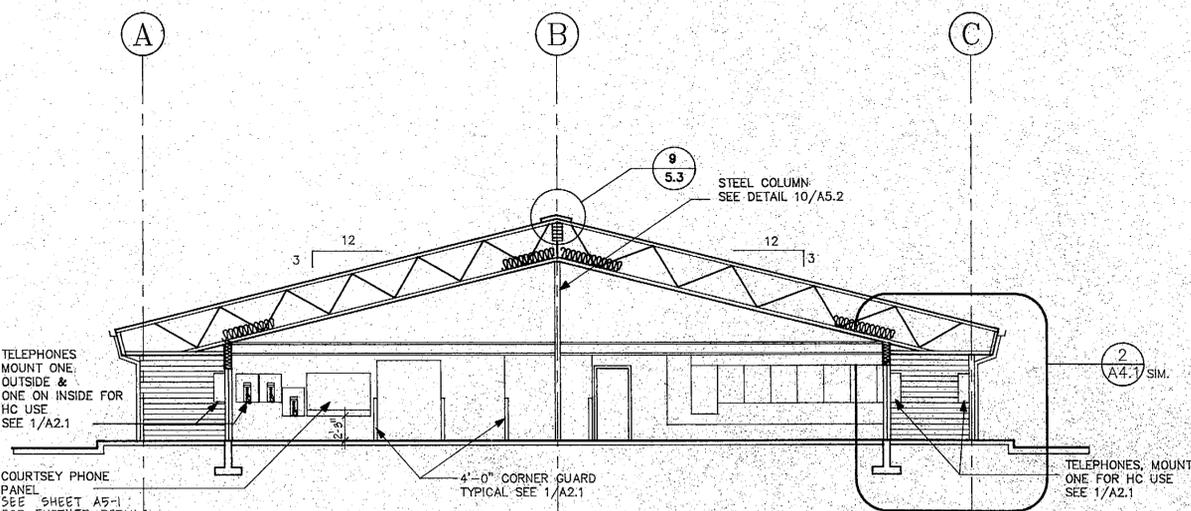
2 SOUTH ELEVATION
Scale: 1/8" = 1'-0"



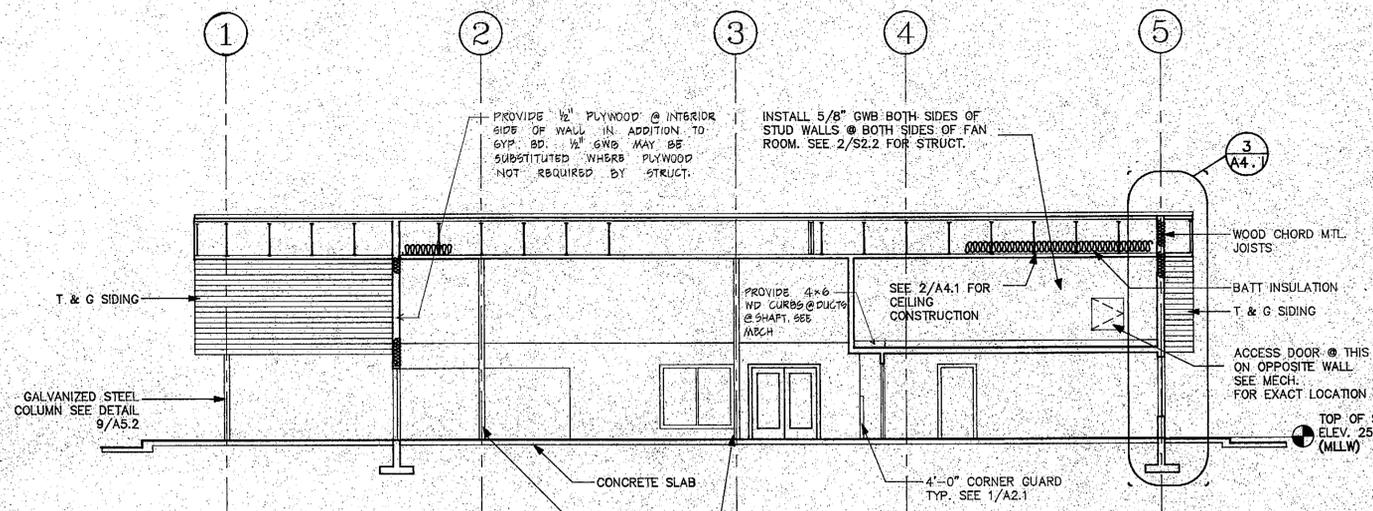
3 EAST ELEVATION
Scale: 1/8" = 1'-0"



4 NORTH ELEVATION
Scale: 1/8" = 1'-0"



5 NORTH-SOUTH SECTION
Scale: 1/8" = 1'-0"



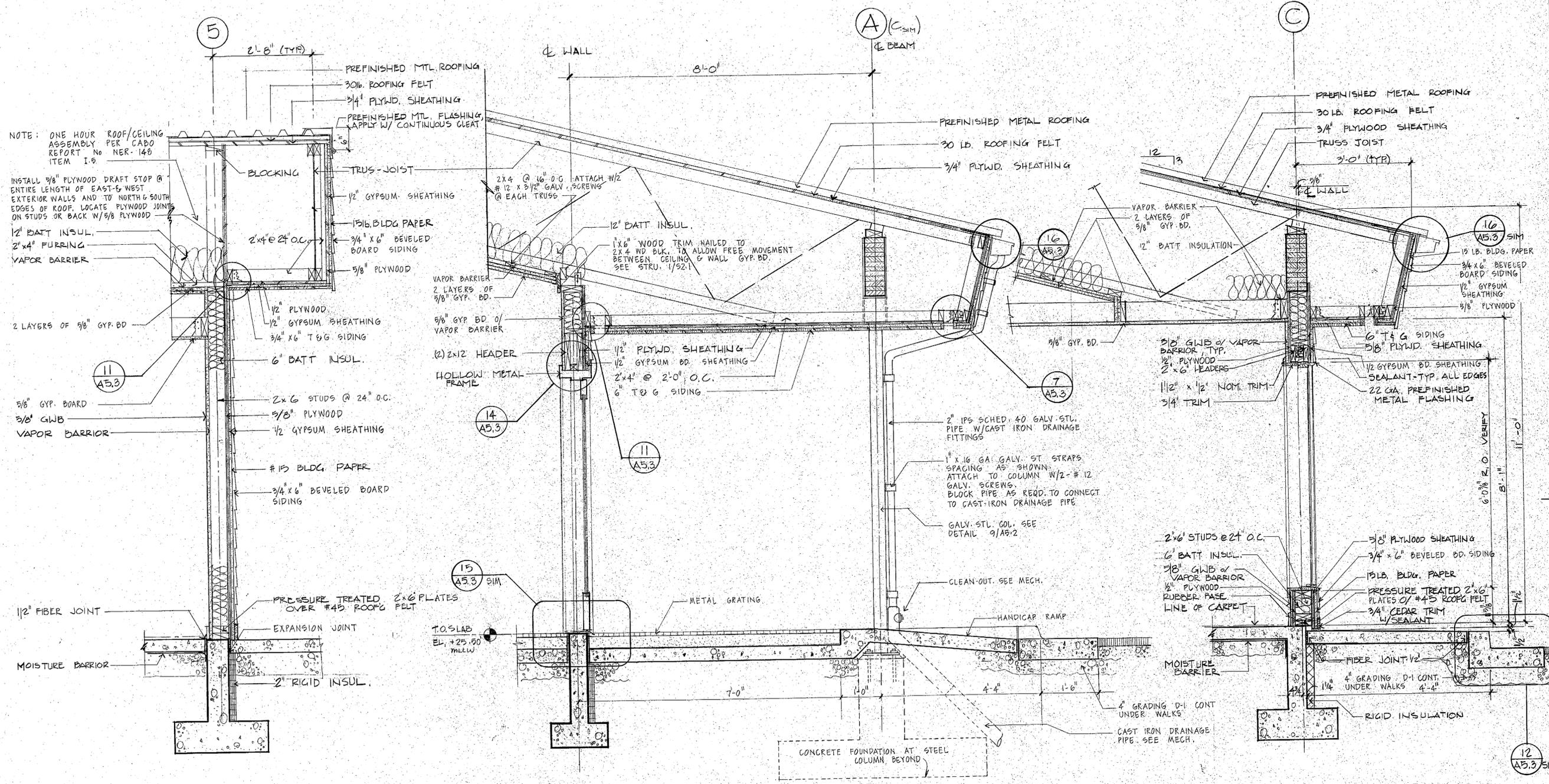
6 EAST-WEST SECTION
Scale: 1/8" = 1'-0"



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MRV 9008

SHEET TITLE:
**ELEVATIONS
SECTIONS**
DATE: MAY 31, 1991
DRAWN: GRG
CHECKED: RR
SHEET NO.
A3.1



NOTE: ONE HOUR ROOF/CEILING ASSEMBLY PER CABO REPORT No. NER-148 ITEM 1.8

3 WALL SECTION @ END WALL
3/4" = 1'-0"

2 WALL SECTION @ ENTRY
3/4" = 1'-0"

1 WALL SECTION @ WINDOW
3/4" = 1'-0"

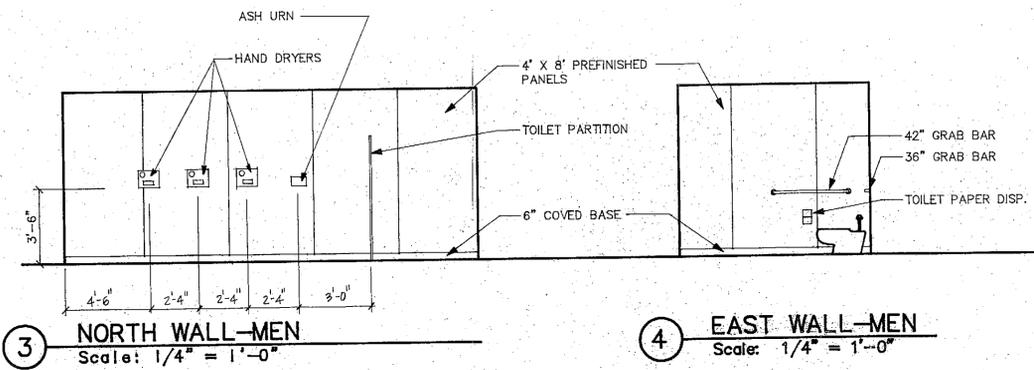
NO.	DATE	REVISIONS



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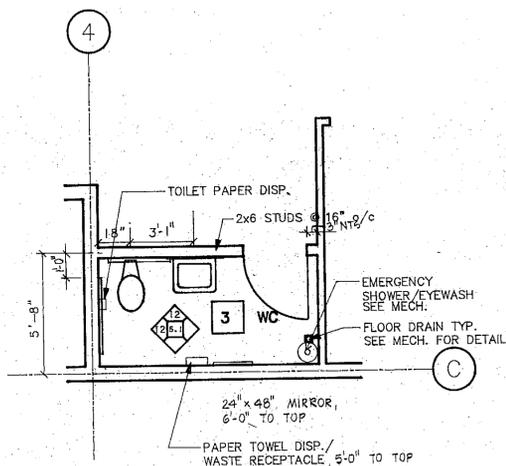
KETCHIKAN FERRY TERMINAL
for the
ALASKA MARINE HIGHWAY SYSTEM
MRV 9008
DOT/PF 75010

SHEET TITLE
WALL SECTIONS
DATE 31 MAY 1991
DRAWN GRG
CHECKED KR
NUMBER
A4.1

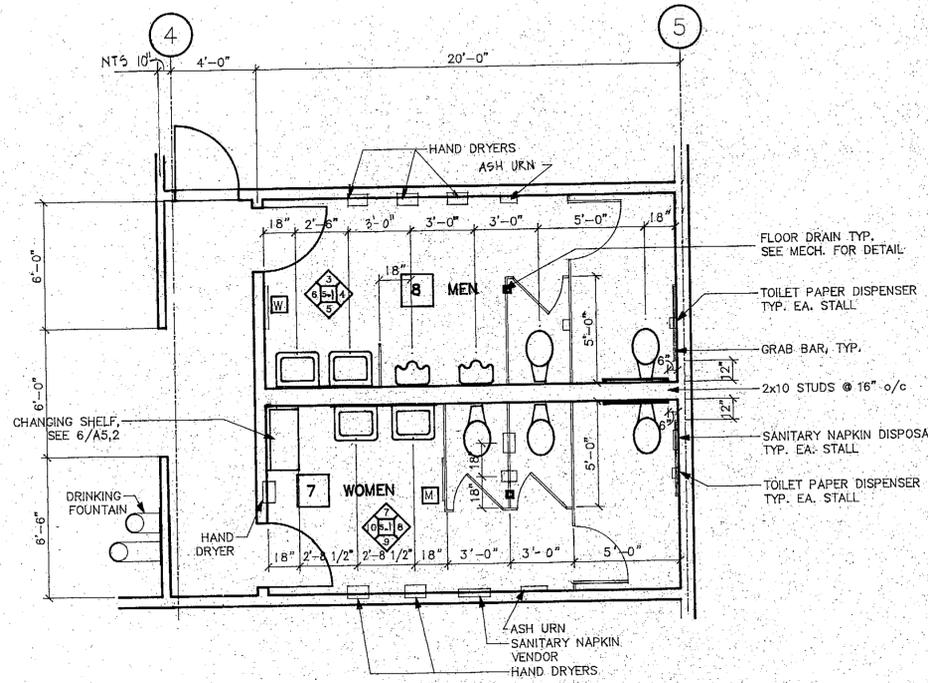


3 NORTH WALL-MEN
Scale: 1/4" = 1'-0"

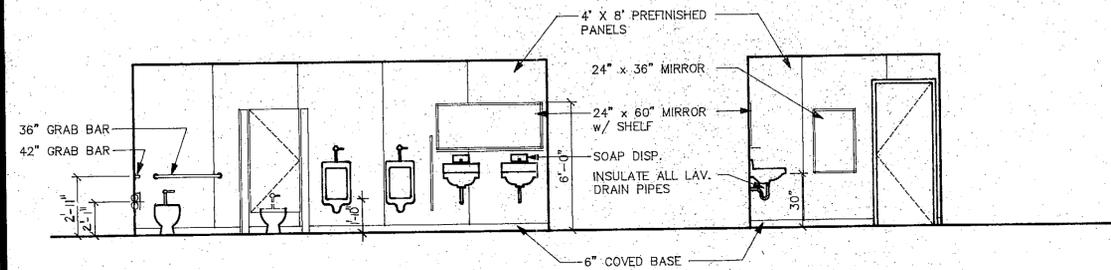
4 EAST WALL-MEN
Scale: 1/4" = 1'-0"



2 OFFICE RESTROOM PLAN
Scale: 1/4" = 1'-0"

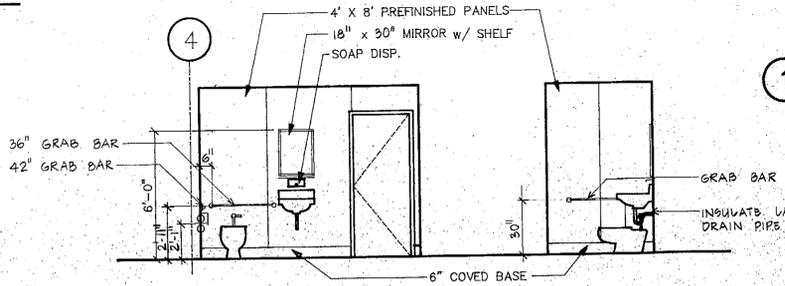


1 RESTROOM FLOOR PLAN
Scale: 1/4" = 1'-0"

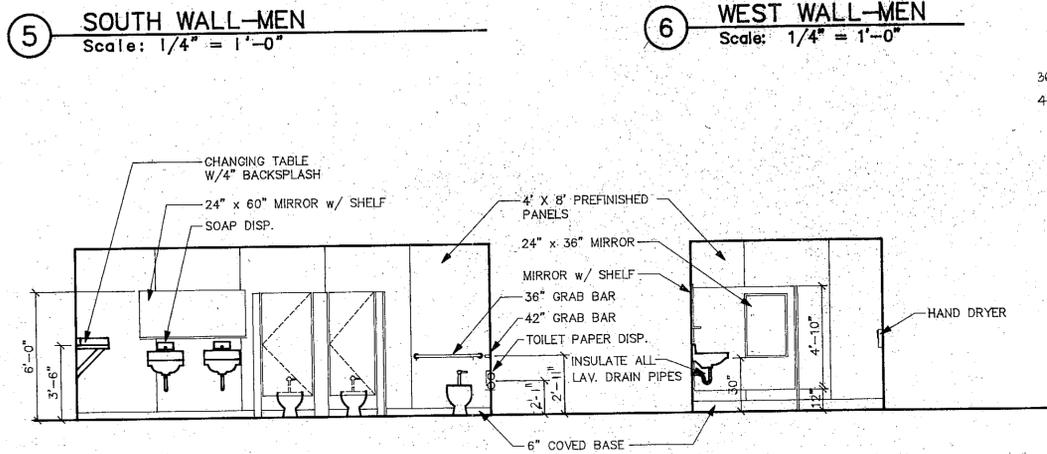


5 SOUTH WALL-MEN
Scale: 1/4" = 1'-0"

6 WEST WALL-MEN
Scale: 1/4" = 1'-0"

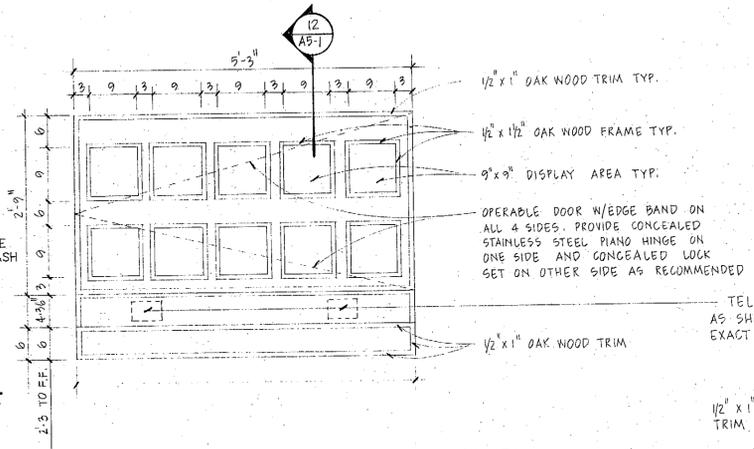


12 NORTH & WEST WALLS-OFFICE W.C.
Scale: 1/4" = 1'-0"

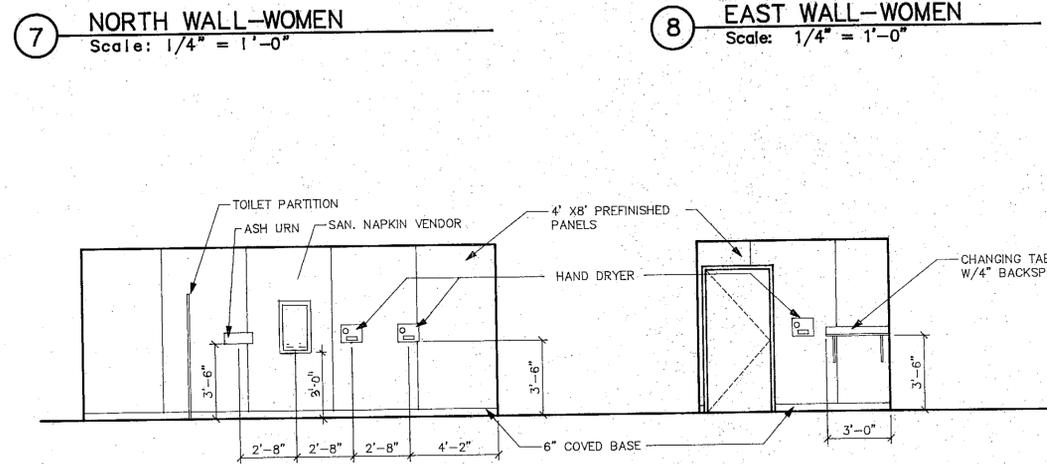


7 NORTH WALL-WOMEN
Scale: 1/4" = 1'-0"

8 EAST WALL-WOMEN
Scale: 1/4" = 1'-0"

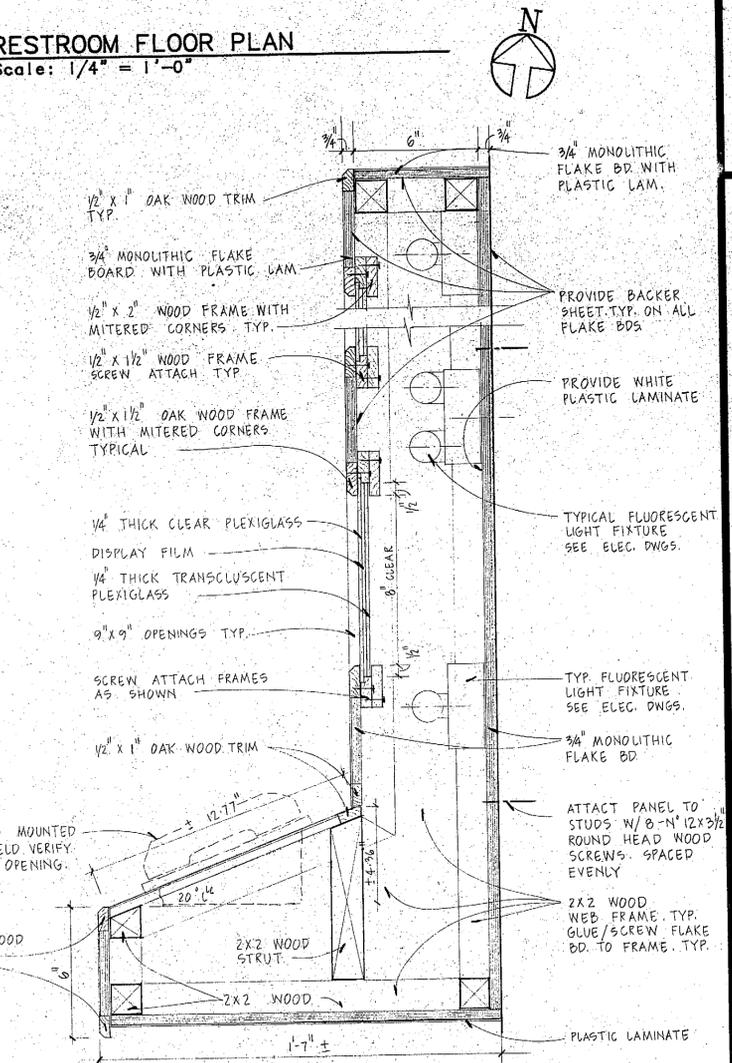


11 ELEVATION, COURTESY PHONE PANEL
Scale: 3/4" = 1'-0"



9 SOUTH WALL-WOMEN
Scale: 1/4" = 1'-0"

10 WEST WALL-WOMEN
Scale: 1/4" = 1'-0"



12 SECTION THRU PANEL
Scale: 3/4" = 1'-0"

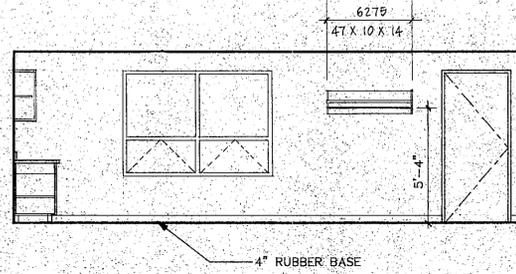
NOTE: CONSTRUCTION OF COURTESY PHONE PANEL SHALL BE BY CASEWORK MANUFACTURER.



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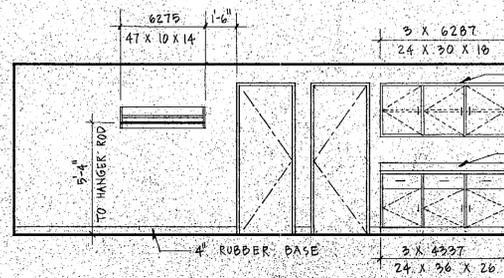
KETCHIKAN FERRY TERMINAL
for the
ALASKA MARINE HIGHWAY SYSTEM
DOT/PT 75010
MRV 9008

SHEET TITLE:
1/4" PLANS ELEVATIONS
DATE: MAY 31, 1991
DRAWN: GRG
CHECKED: RR
SHEET NO.
A5.1



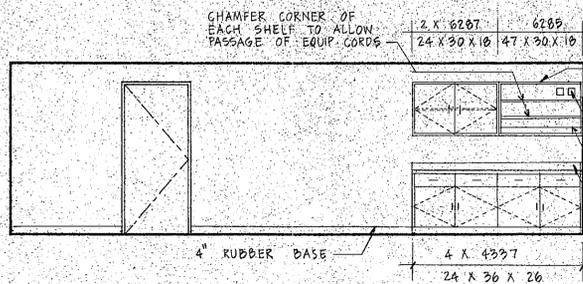
1 EAST WALL-TICKET OFFICE
SCALE: 1/4" = 1'-0"

NOTE: MONITOR CASEWORK NUMBERS USED TO ESTABLISH CONSTRUCTION & STYLE DIMENSIONS GIVEN ARE W X H X D (INCHES)



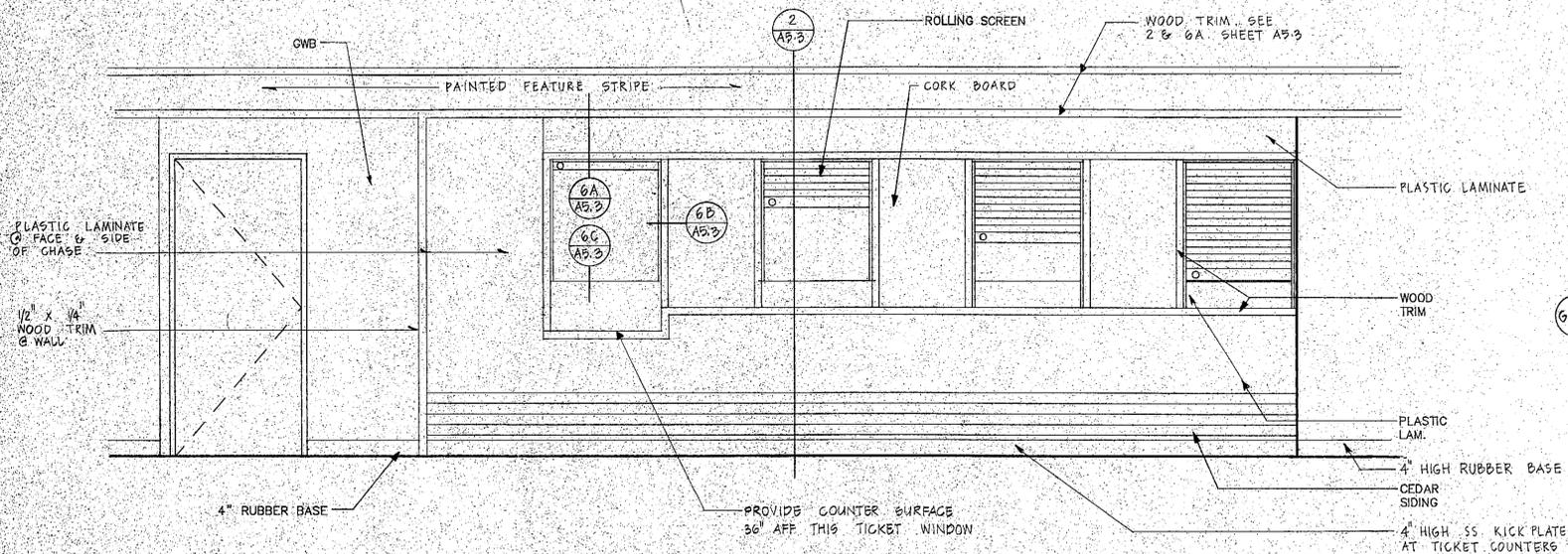
2 SOUTH WALL-TICKET OFFICE
SCALE: 1/4" = 1'-0"

ALIGN WALL HUNG UNITS WITH TOP OF DOOR FRAME
4" BACKSPASH

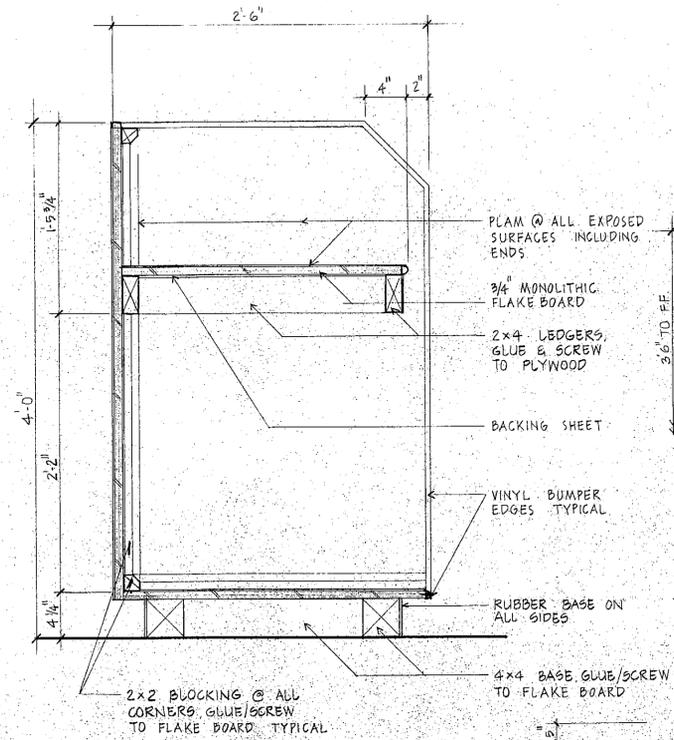


3 NORTH WALL-TICKET OFFICE
SCALE: 1/4" = 1'-0"

ALIGN WALL HUNG UNITS WITH TOP OF DOOR FRAME
NEATLY CUT-OUT REAR OF SHELF UNIT FOR FLUSH MOUNTING OF ANEMOMETER & ANTENNA J-BOXES
INSTALL PLUGMOLD @ BOTTOM OF WALL HUNG SHELF UNIT FOR USE WITH RADIO EQUIP. (SEE ELEC. FOR FURTHER INFO.)
4" RUBBER BASE
4" BACKSPASH



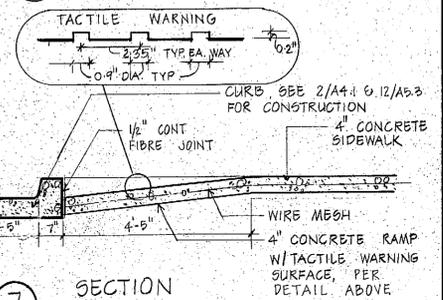
4 TICKET COUNTER-FRONT ELEV.
SCALE: 1/2" = 1'-0"



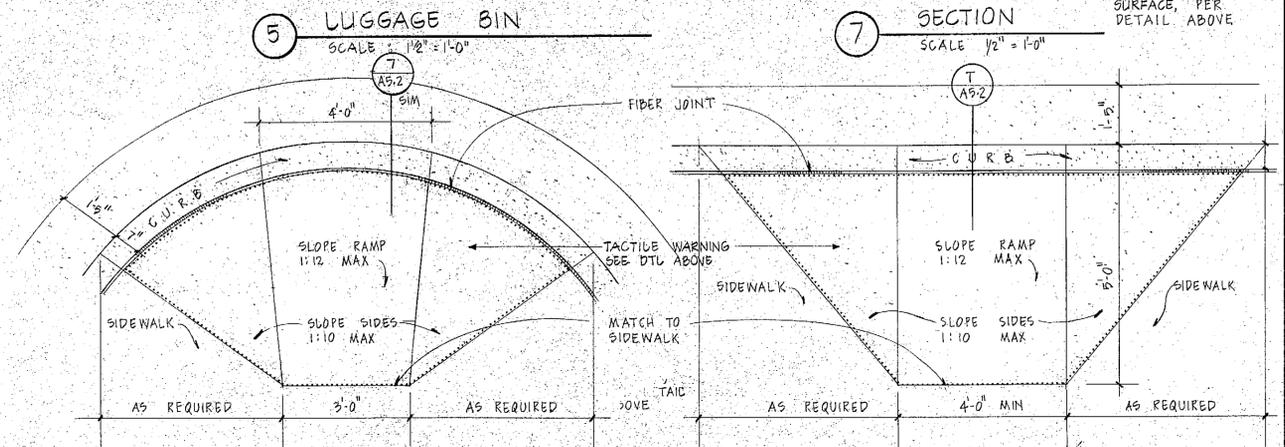
5 LUGGAGE BIN
SCALE: 1/2" = 1'-0"

NOTE: CONSTRUCTION OF LUGGAGE BIN SHALL BE BY CASEWORK MANUFACTURER

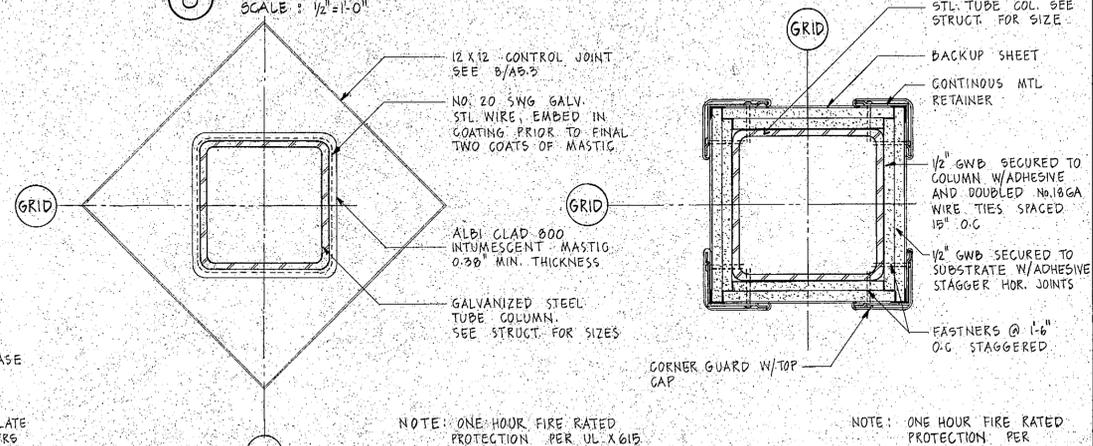
6 CHANGING TABLE
SCALE: 1 1/2" = 1'-0"



7 SECTION
SCALE: 1/2" = 1'-0"



8 HANDICAPPED RAMP PLANS
SCALE: 1/2" = 1'-0"



9 EXTERIOR COLUMN DETAIL
SCALE: 3/4" = 1'-0"

10 INTERIOR COLUMN DETAIL
SCALE: 3/4" = 1'-0"

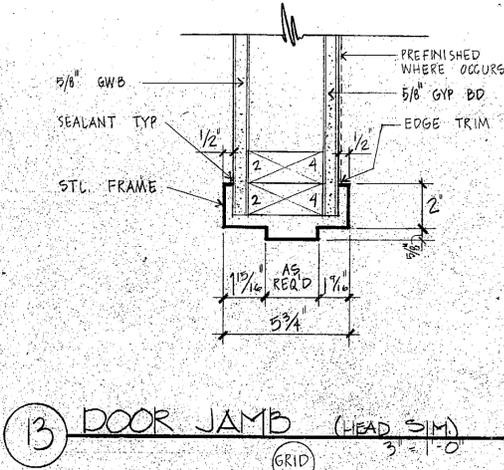


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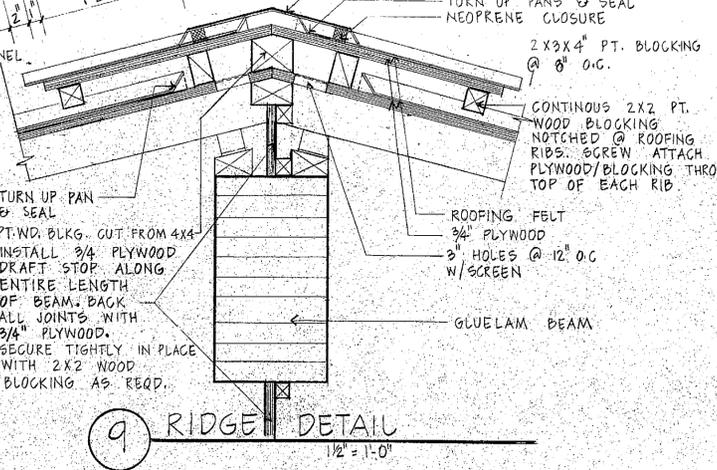
KETCHIKAN FERRY TERMINAL
for the
ALASKA MARINE HIGHWAY SYSTEM
DOT/PF 75010
MRV 9008

SHEET TITLE:
ELEVATIONS & DETAILS
DATE: 31 MAY 1991
DRAWN: NK
CHECKED: RR

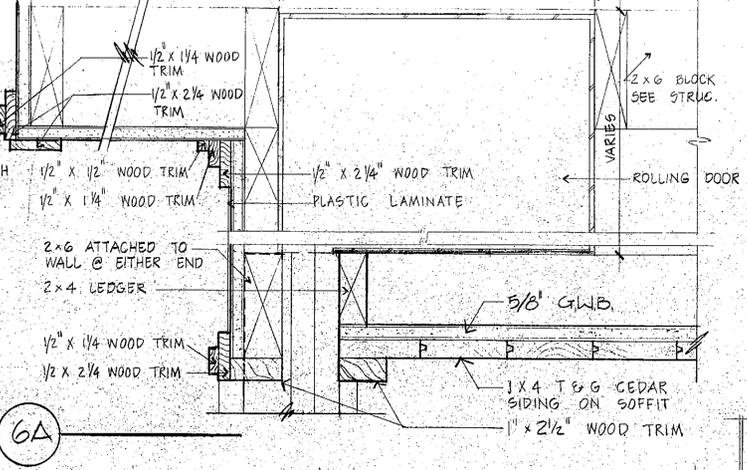
SHEET NO.
A5.2



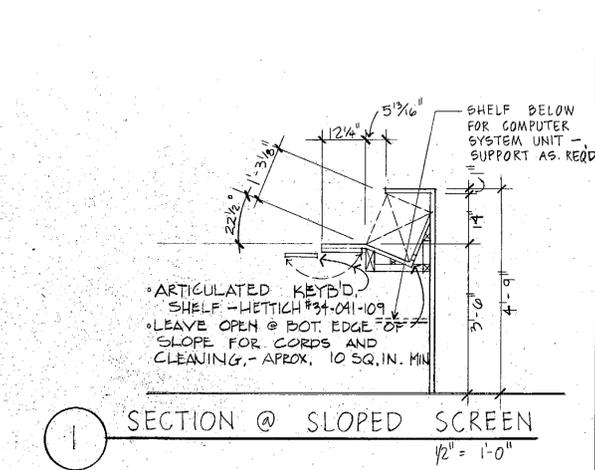
13 DOOR JAMB (HEAD SIM) 3" = 1'-0"



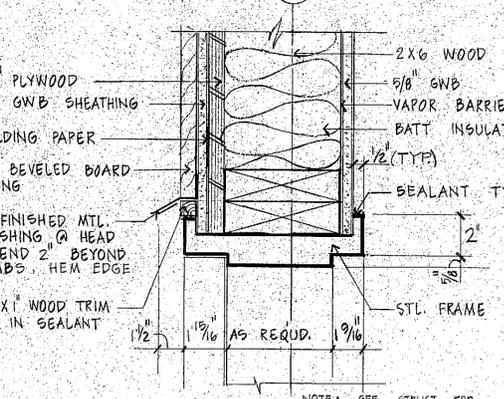
9 RIDGE DETAIL 1/2" = 1'-0"



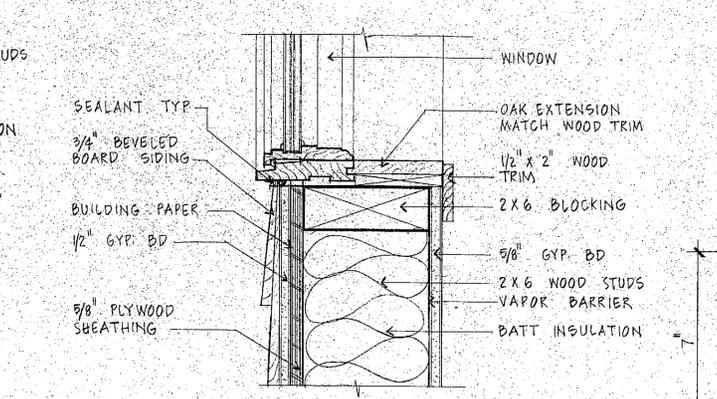
6A SECTION @ SLOPED SCREEN 1/2" = 1'-0"



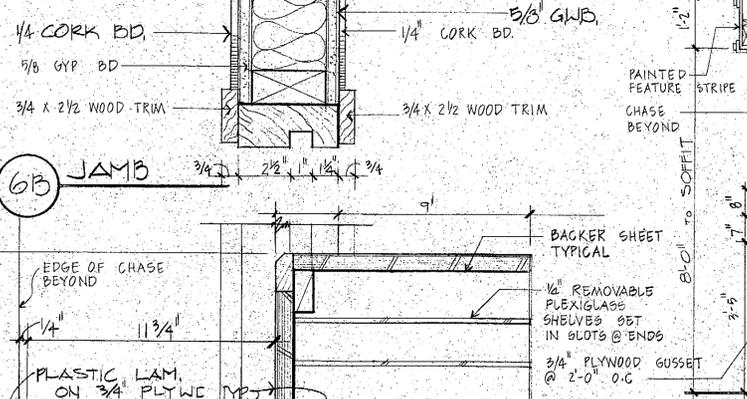
1 SECTION @ SLOPED SCREEN 1/2" = 1'-0"



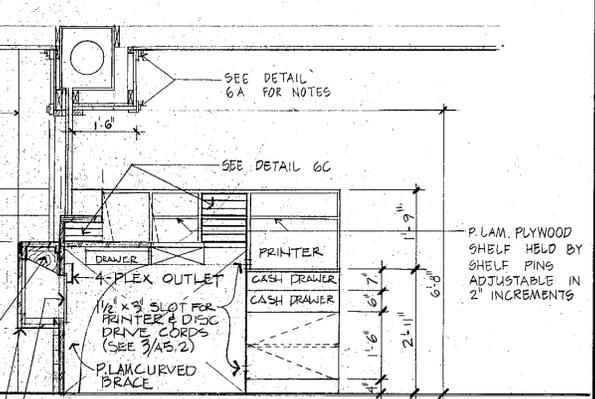
14 DOOR JAMB (HEAD SIM) 3" = 1'-0"



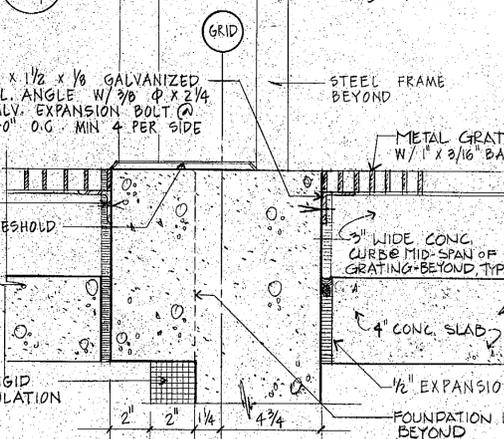
10 TYP. WINDOW SILL; JAMB HEAD SIM. SCALE: 3" = 1'-0"



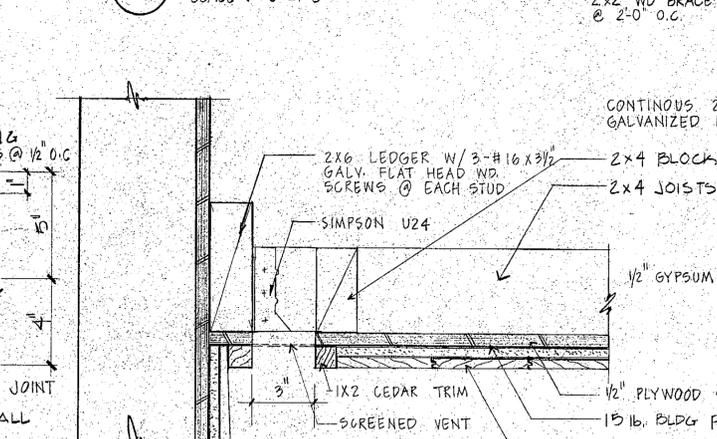
6B JAMB 3/4" = 1'-0"



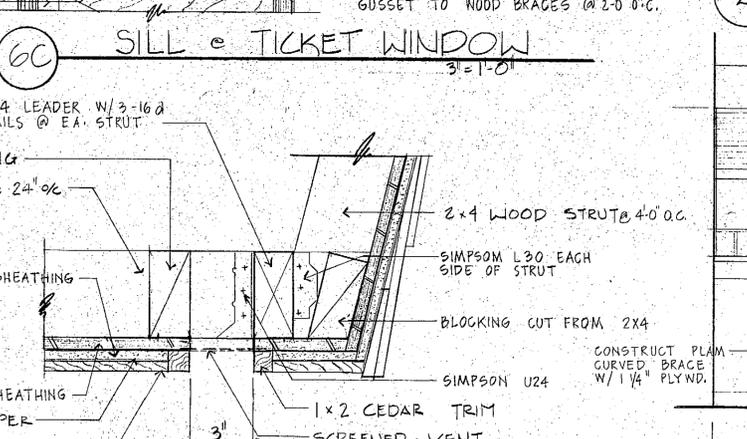
2 SECTION & SIDE ELEV. 1/2" = 1'-0"



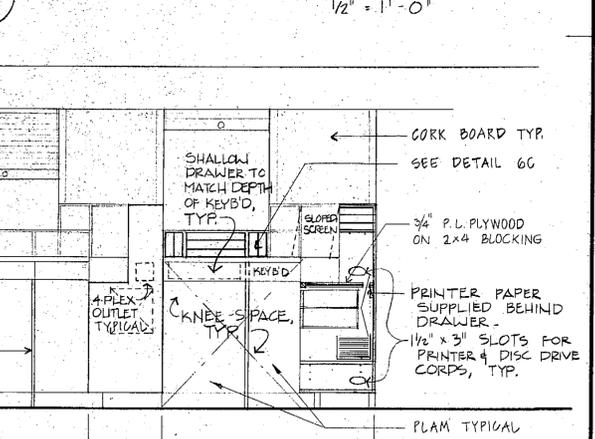
15 SILL - DOORS 1, 2, 3 3" = 1'-0"



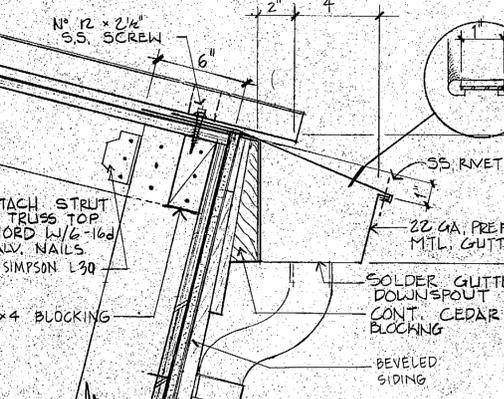
11 SOFFIT 3" = 1'-0"



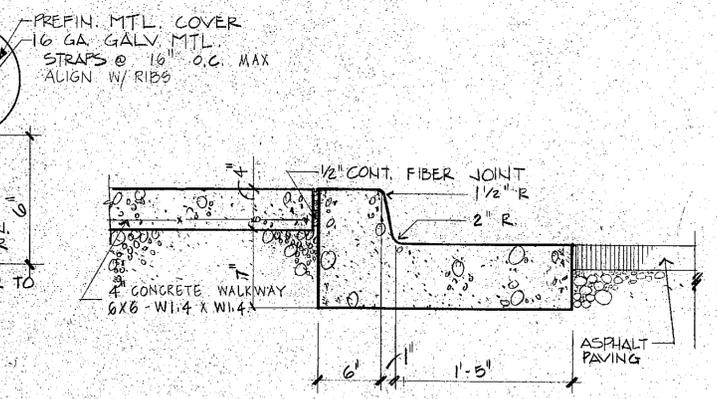
7 VENT @ SOFFIT 3/2" = 1'-0"



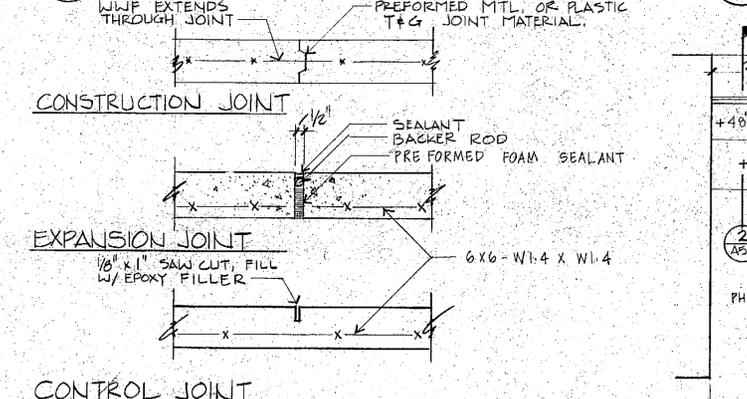
3 TICKET COUNTER - REAR ELEV. 1/2" = 1'-0"



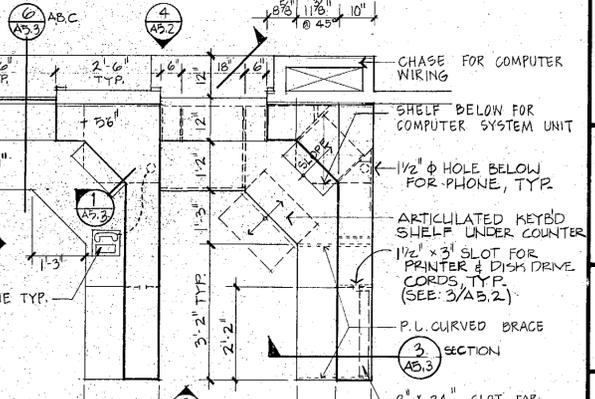
16 EAVE/GUTTER DETAIL 3" = 1'-0"



12 SIDEWALK & CURB DETAIL 1/2" = 1'-0"



8 CONCRETE SLAB JOINT DETAILS (NTS)



4 TICKET COUNTER - PLAN TYP. 1/2" = 1'-0"

NO.	DATE	REVISIONS



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for the
KETCHIKAN FERRY TERMINAL
ALASKA MARINE HIGHWAY SYSTEM
MRV 9008 DOT/PP 75010

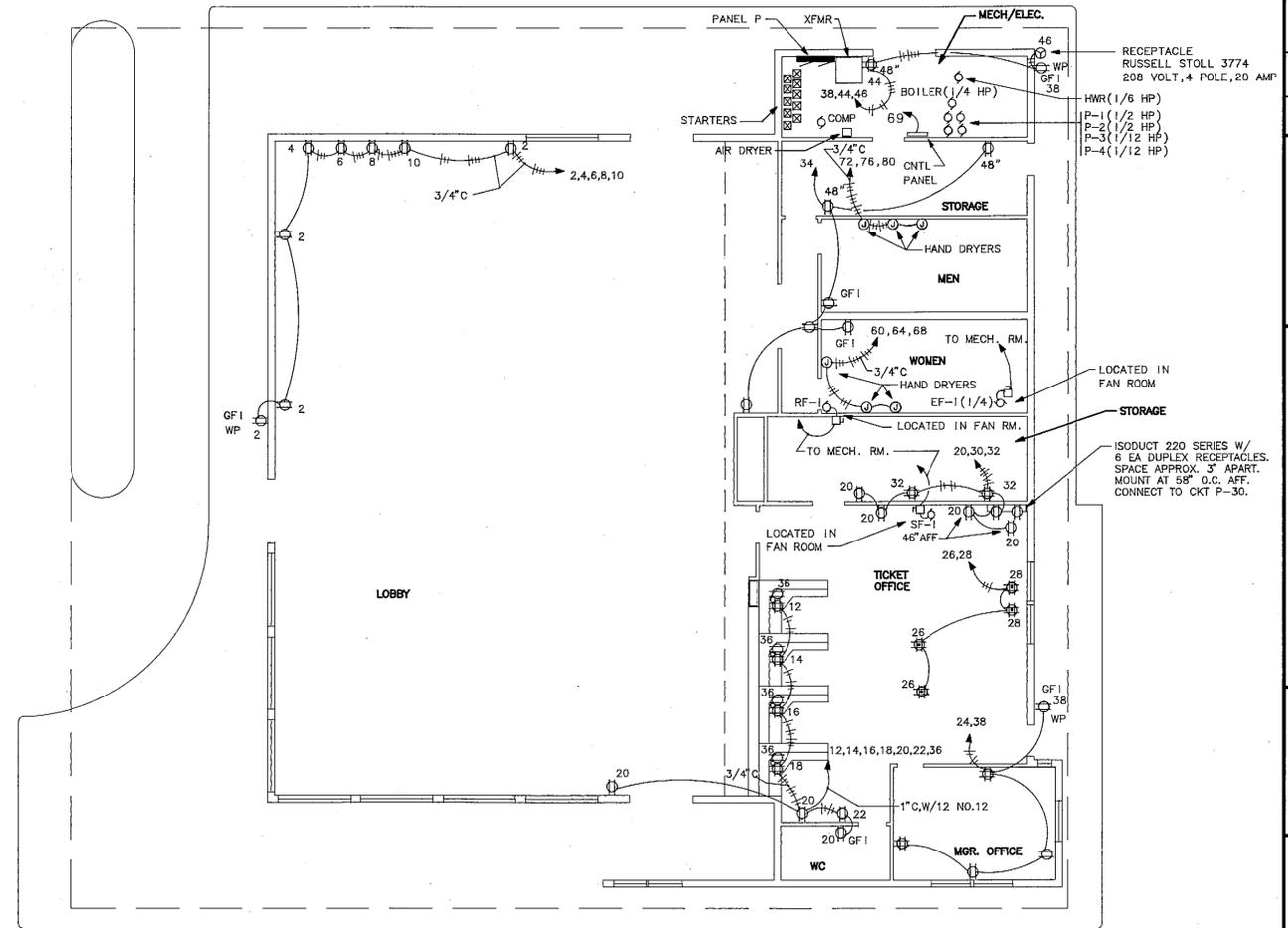
SHEET TITLE	
DETAILS	
DATE	MAY 31 1991
DRAWN	GRG
CHECKED	RR
NUMBER	

A5.3

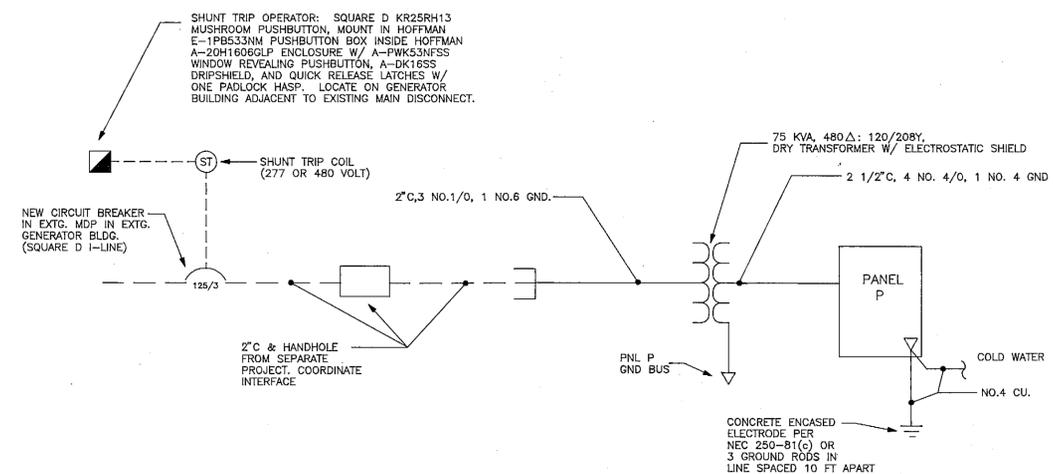
LEGEND			
AFF	ABOVE FINISHED FLOOR		PANEL
FACP	FIRE ALARM CONTROL PANEL		SMOKE DETECTOR
GF1	GROUND FAULT INTERRUPTER		THERM/R-O-R DETECTOR (135° UNLESS NOTED)
S	SINGLE POLE SWITCH		MANUAL PULL STATION
S1	ILLUMINATED SWITCH		DUCT DETECTOR
S3	THREE WAY SWITCH		AUDIO/VISUAL HORN
C	LIGHTING CONTACTOR		CONDUIT W/ CONDUCTORS
PE	PHOTOELECTRIC CELL		FLEX CONDUIT
	FLUORESCENT LUMINAIRE		MOTOR CONNECTION
	CEILING MOUNT LUMINAIRE		MOTOR STARTER
	EXIT LIGHT		DISCONNECT
	EMERGENCY LIGHT	TTB	TELEPHONE TERMINAL BOARD
	DUPLEX RECEPTACLE		TELEPHONE TERMINAL
	DOUBLE DUPLEX RECEPTACLE		TELEPHONE FLOOR TERMINALS
	FLOOR MOUNTED DOUBLE DUPLEX RECEPTACLE		PUBLIC ADDRESS SPEAKER
	JUNCTION BOX		BATTERY CLOCK

PANEL P		SIZE	VOLTS/PHASE				MAIN	LOCATION	MOUNT	
C K T NO	WIRE NO/ SIZE	DESCRIPTION	KVA				BREAKER AMP/ POLE	DESCRIPTION	WIRE NO/ SIZE	
			225 AMPS	120/208, 3 PH						225 AMP
1	2/12	EXTERIOR LIGHTS	LTG	20/1	1.2	1.9	0.7	20/1	LOBBY	4/12
3	3/12	LOBBY			1.0	1.8	0.8		LOBBY CONCESSION	
5		LOBBY			1.0		0.8		LOBBY CONCESSION	
7	2/12	BATHROOM, STORAGE			1.6	2.4	0.8		LOBBY CONCESSION	3/12
9		MECH. & ELECT. ROOMS			0.6	1.4	0.8		LOBBY CONCESSION	
11		OFFICE			1.6		2.0	0.4	COUNTER	3/12
13		OFFICE (COUNTER)			0.6	1.0	0.4		COUNTER	
15		SOFFIT			0.3		0.7	0.4	COUNTER	3/12
17		SPARE					0.4	0.4	COUNTER	
19		SPARE				0.9		0.9	GENERAL OFFICE, STORAGE	2/12
21						1.0		1.0	COPIER	
23							1.1	1.1	MANAGERS OFFICE	
25					1.4		1.4		OFFICE	26
27						0.8		0.8	OFFICE	28
29						1.2	1.2		OFFICE	30
31					0.8		0.8		STORE ROOM - TELE/COMP.	32
33						1.1		1.1	RESTROOMS, STORAGE	34
35						1.4	1.4		OFFICE COMPUTER	36
37					0.5		0.5		EXTERIOR	38
39										40
41										42

43	2/12	BOILER (1/4 HP)	15/1	0.3	1.1		0.8	20/1	MECHANICAL ROOM	2/12	44	
45	3/12	PUMP P-1 (1/2 HP)	20/1	0.6		1.8	1.2	20/3	SPECIAL RECEPTACLE	4/12	46	
47		PUMP P-2 (1/2 HP)	20/1	0.6			1.8	1.2			48	
49	4/12	PUMP P-3 (1/12 HP)	15/1	0.1	1.3		1.2				50	
51		PUMP P-4 (1/12 HP)		0.1	0.1						52	
53		HWR PUMP (1/6 HP)		0.2		0.2					54	
55											56	
57											58	
59							1.0	1.0	15/2	HAND DRYER - WOMEN	3/12	60
61	4/12	AIR COMPRESSOR	20/3	0.4	1.4		1.0				62	
63		(1 HP)		0.4	1.4		1.0	15/2	HAND DRYER - WOMEN	3/12	64	
65				0.4		1.4	1.0				66	
67	2/12	REF. DRYER (1/6 HP)	15/1	1.0	2.0		1.0	15/2	HAND DRYER - WOMEN	3/12	68	
69		MECH. CONTROLS	20/1	0.5	1.5		1.0				70	
71		EXHAUST FAN EF-1 (1/4 HP)	15/1	0.3		1.3	1.0	15/2	HAND DRYER - MEN	3/12	72	
73	4/12	RETURN FAN	15/3	0.4	1.4		1.0				74	
75		RF-1		0.4	1.4		1.0	15/2	HAND DRYER - MEN	3/12	76	
77		(1 HP)		0.4		1.4	1.0				78	
79	4/12	SUPPLY FAN	15/3	0.8	1.8		1.0	15/2	HAND DRYER - MEN	3/12	80	
81		SF-1		0.8	1.8		1.0				82	
83		(2 HP)		0.8		1.0	0.2	20/1	FIRE ALARM CONTROL PANEL	2/12	84	
TOTAL CONNECTED LOAD : 48.7 KVA / 149.2 AMPS			17.9	14.8	16.0							



FLOOR PLAN - POWER
SCALE: 1/8"=1'-0"



SINGLE LINE DIAGRAM - POWER
SCALE: 1/8"=1'-0"

NO.	DATE	REVISIONS

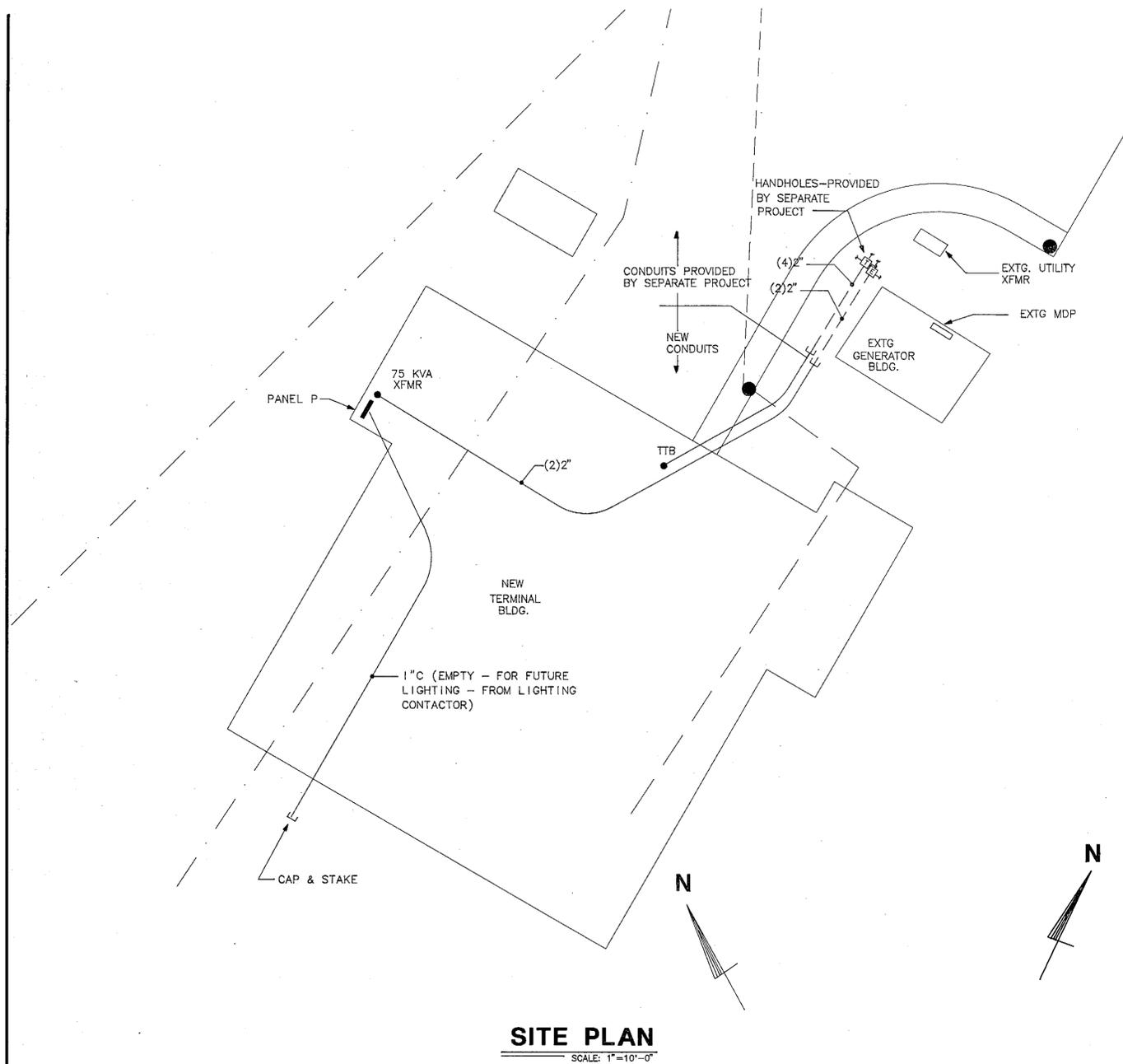


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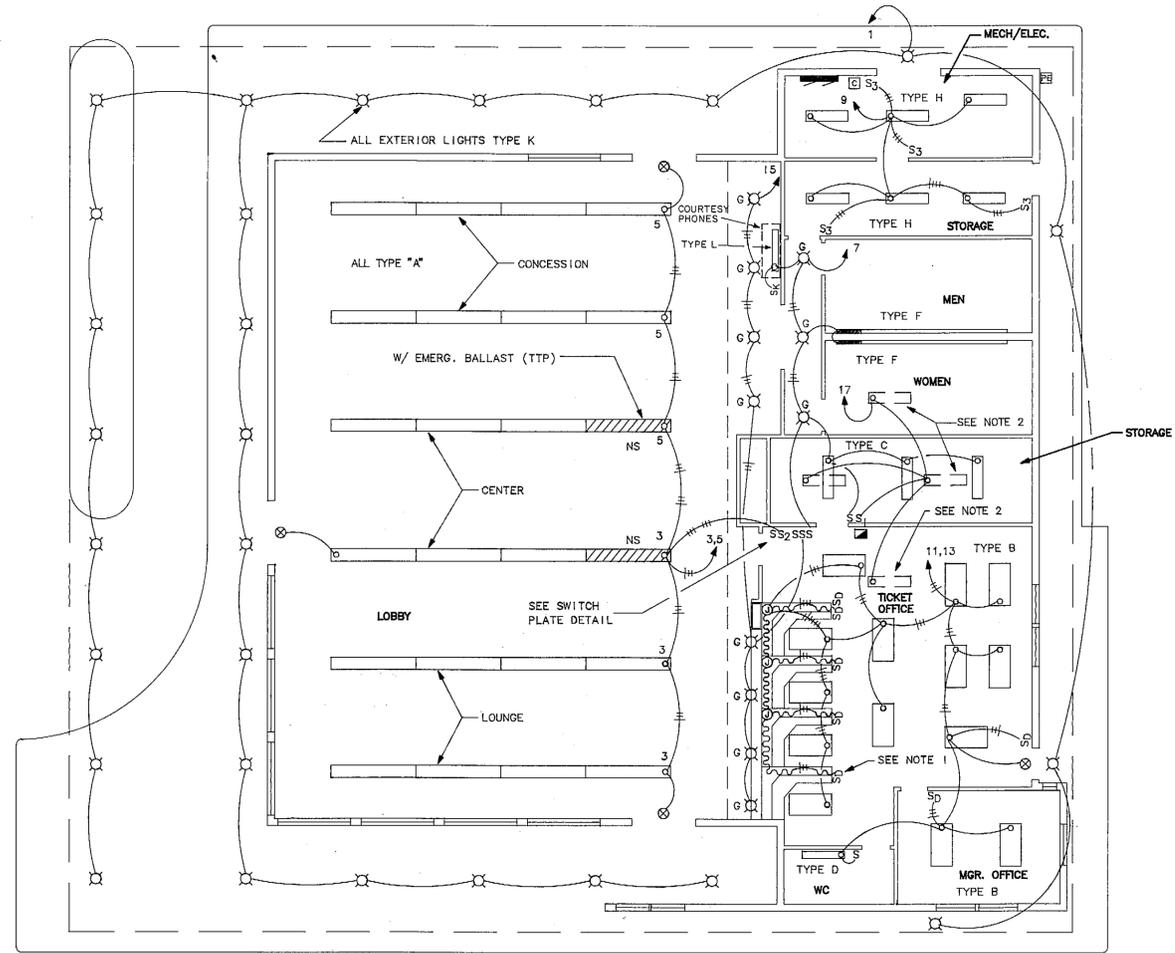
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KETCHIKAN FERRY TERMINAL
KETCHIKAN, ALASKA
MRV NO. 9008

SHEET TITLE
FLOOR PLAN ELECTRICAL POWER
DATE: 10-JUNE-91
DRAWN: SHS, PEL
CHKD: BCH
DWG. NO.
E-1



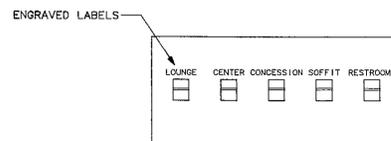
SITE PLAN
SCALE: 1"=10'-0"



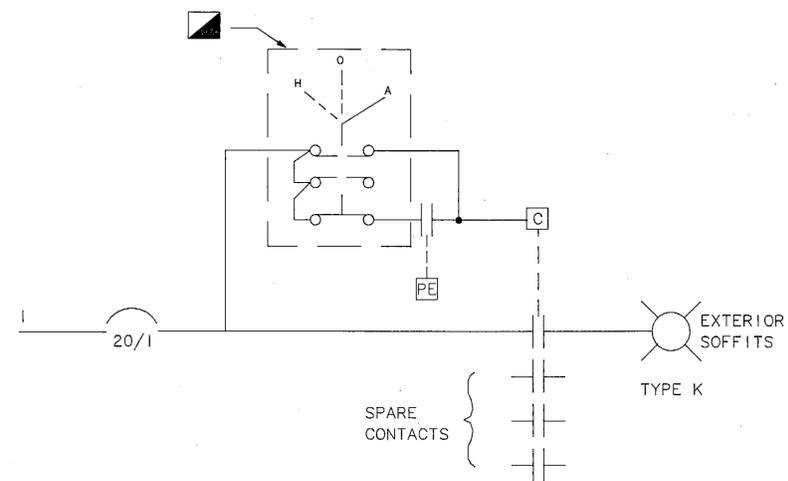
FLOOR PLAN - LIGHTING
SCALE: 1/8"=1'-0"

NOTE:
1. DIMMING CONTROLS LOCATED ON END OF COUNTERS(SEE ARCH. AS.2). ROUTE WIRING THRU COUNTER & UP CHASE TO ASSOCIATED LUMINAIRES OVER COUNTER.
2. LUMINAIRES ARE TYPE H LOCATED IN THE ATTIC, AND ARE TO BE SWITCHED BY AN ILLUMINATED SWITCH IN STORAGE ROOM.

LUMINAIRE SCHEDULE				
TYPE	DESCRIPTION	MANUFACTURER	LAMPS	REMARKS
A	SUSPENDED WRAPAROUND FLUORESCENT	HOLOPHANE K6201E2L1	(2) 34W T12	MOUNT 6" BELOW CEILING W/ SWIVEL PENDANTS
B	2X4 SURFACE MOUNT PARABOLIC FLUORESCENT 3 LAMP W/ DIMMING BALLASTS	METALUX 2P3MX-340S36H-120	(3) 34W T12	
C	SURFACE MOUNTED FLUORESCENT W/ WRAPAROUND LENS	HOLOPHANE K7100-4-120	(2) 34W T12	
D	WALL MOUNT FLUORESCENT W/ UP & DOWNLIGHT	METALUX BAU240	(2) 34W T12	
F	WALL MOUNT FLUORESCENT W/ UP & DOWNLIGHT SPECULAR ALUM. LOUVER	COLUMBIA PENDACURVE PC-W-42-421	(2) 34W T12 PER 4 FT	MOUNT 1/2" ABOVE MIRROR
G	8" DIA RECESSED FLUORESCENT DOWNLIGHT W/ PARABOLIC BAFFLE	EDISON PRICE BAF LUX/8" COL120WF	(2) 13W FLPL	
H	SUSPENDED INDUSTRIAL FLUORESCENT W/ PARABOLIC REFLECTOR	METALUX DIVM-240-CEP	(2) 34W T12	SUSPEND 6" OR AS REQ'D TO AVOID MECH. EQUIP.
K	RECESSED SQUARE HID W/ POLYCARBONATE DROP ASSYMETRIC LENS	HALO M5341-610-11321P	(1) 35W HPS	ORIENT LENS PER ENGINEER
X	WALLMOUNT ILLUMINATED EXIT SIGN W/ STANDBY BATTERY & GREEN LETTERS	HOLOPHANE EC-24-EXIT	(1) 20W T12	MOUNT 3" ABOVE DOOR
L	4' FLUORESCENT STRIP	METALUX SS-140-120 (2 EA) SS-240-120 (1 EA)	(1) 40W T12 (2) 40W T12	SEE ARCHITECTURAL DRAWING A5.1 - COURTESY PHONE PANEL



DETAIL - SWITCH PLATE
NO SCALE



SINGLE LINE DIAGRAM - EXTERIOR LIGHTING
NO SCALE

NO.	DATE	REVISIONS

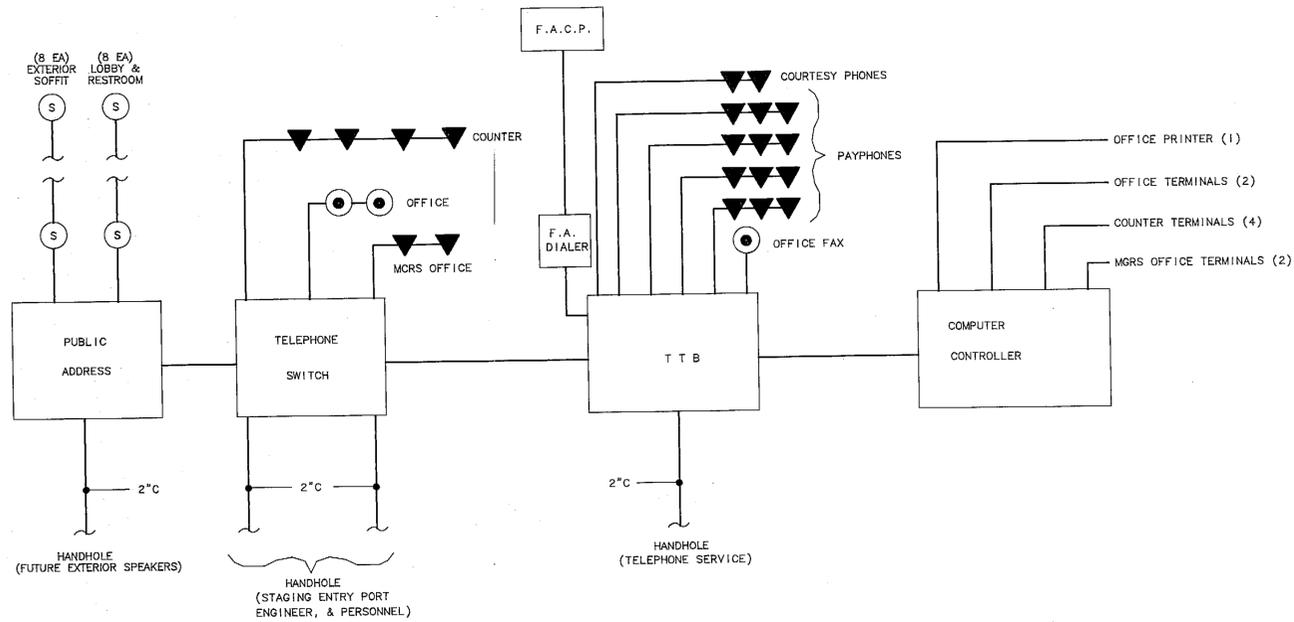


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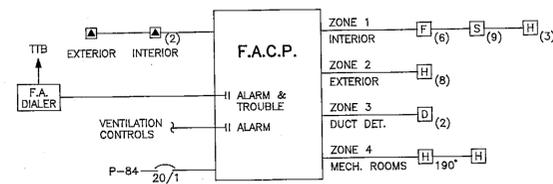
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KETCHIKAN FERRY TERMINAL
KETCHIKAN, ALASKA
MRV NO. 9008

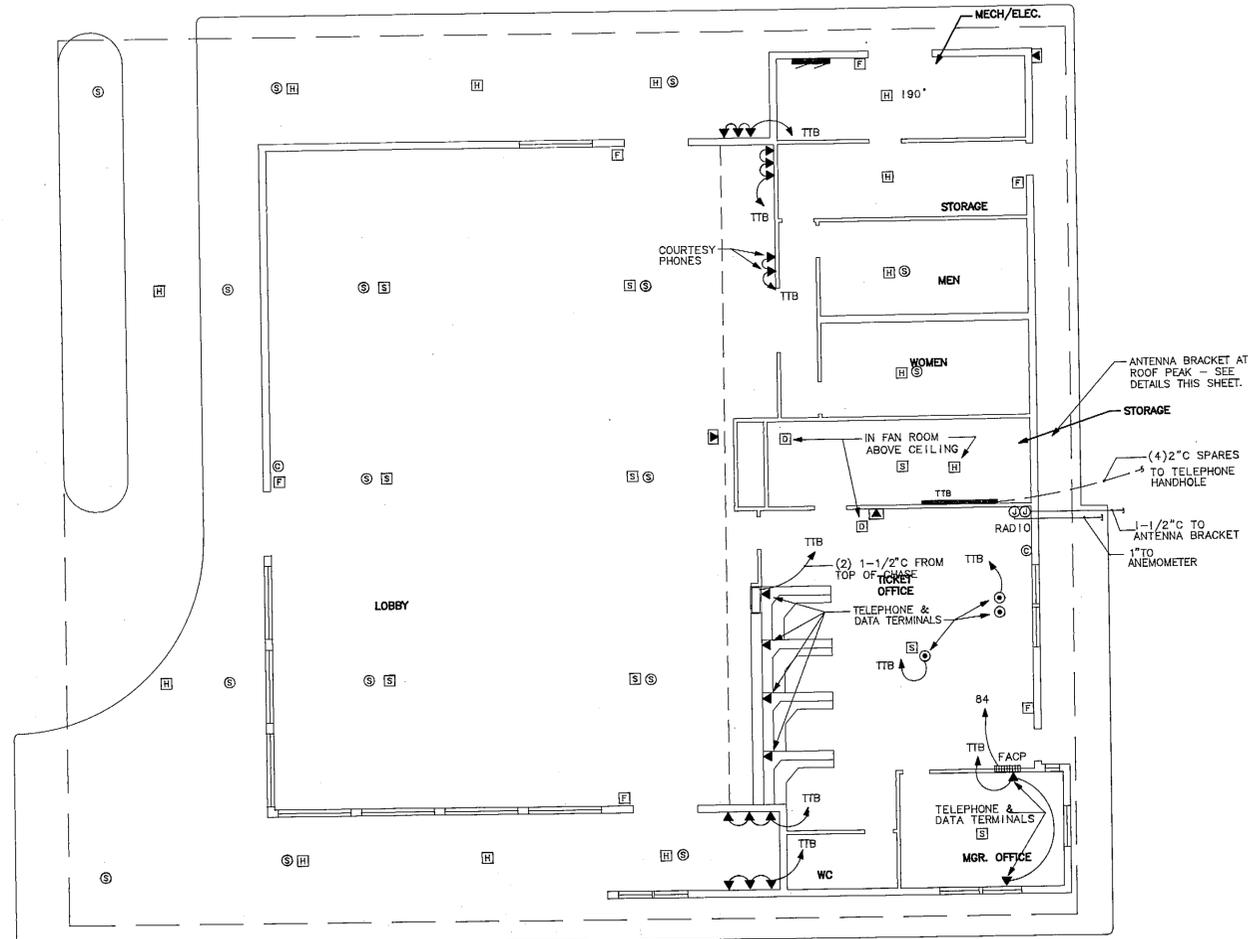
SHEET TITLE
FLOOR PLAN ELECTRICAL LIGHTING
DATE: 10-JUNE-91
DRAWN: SHS, PEL
CHKD: BCH
DWG. NO.
E-2



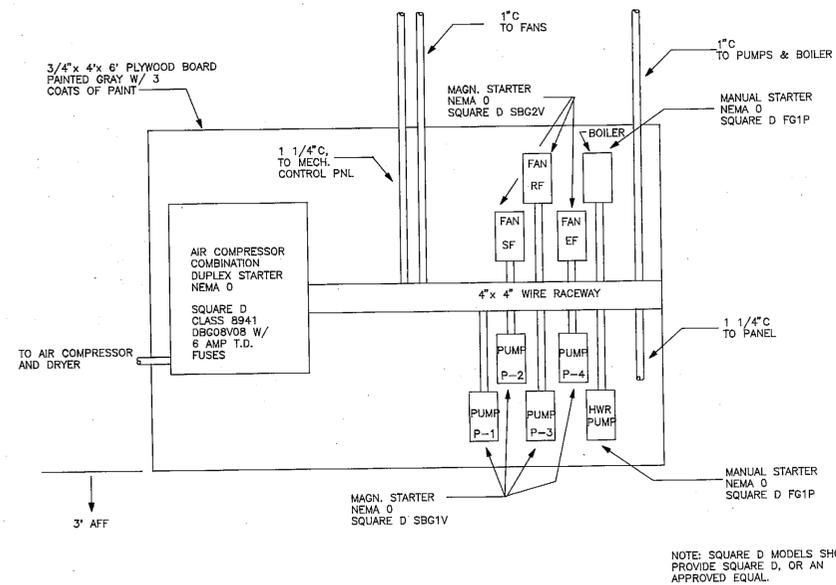
COMMUNICATION RISER DIAGRAM
NO SCALE



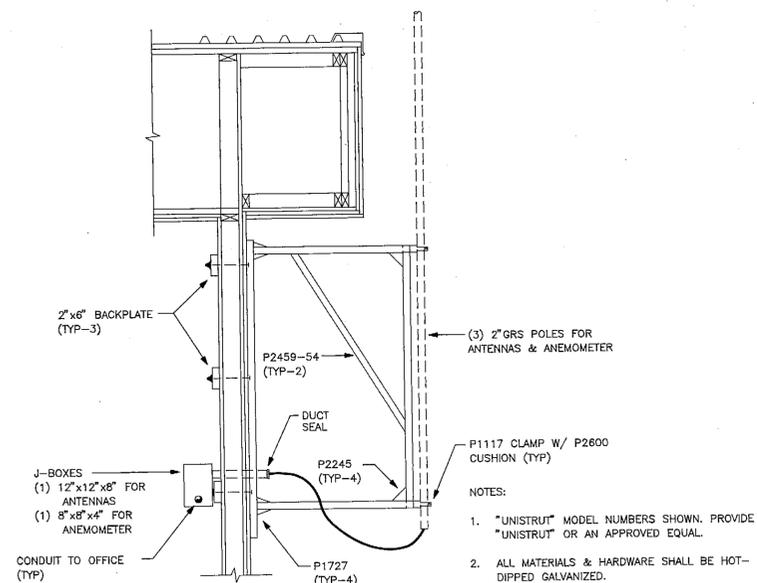
FIRE ALARM RISER DIAGRAM
NO SCALE



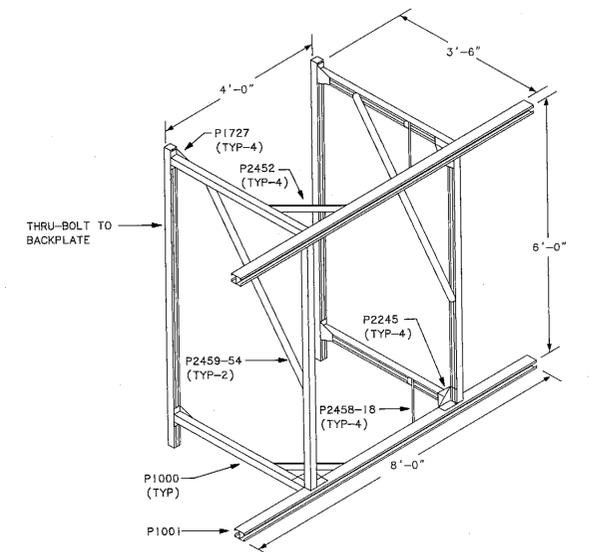
FLOOR PLAN - SIGNAL
SCALE: 1/8"=1'-0"



STARTER MOUNTING BOARD
SCALE: 1"=1'-0"



SIDE VIEW - ANTENNA BRACKET
NO SCALE



ISOMETRIC - ANTENNA BRACKET
NO SCALE

NO.	DATE	REVISIONS

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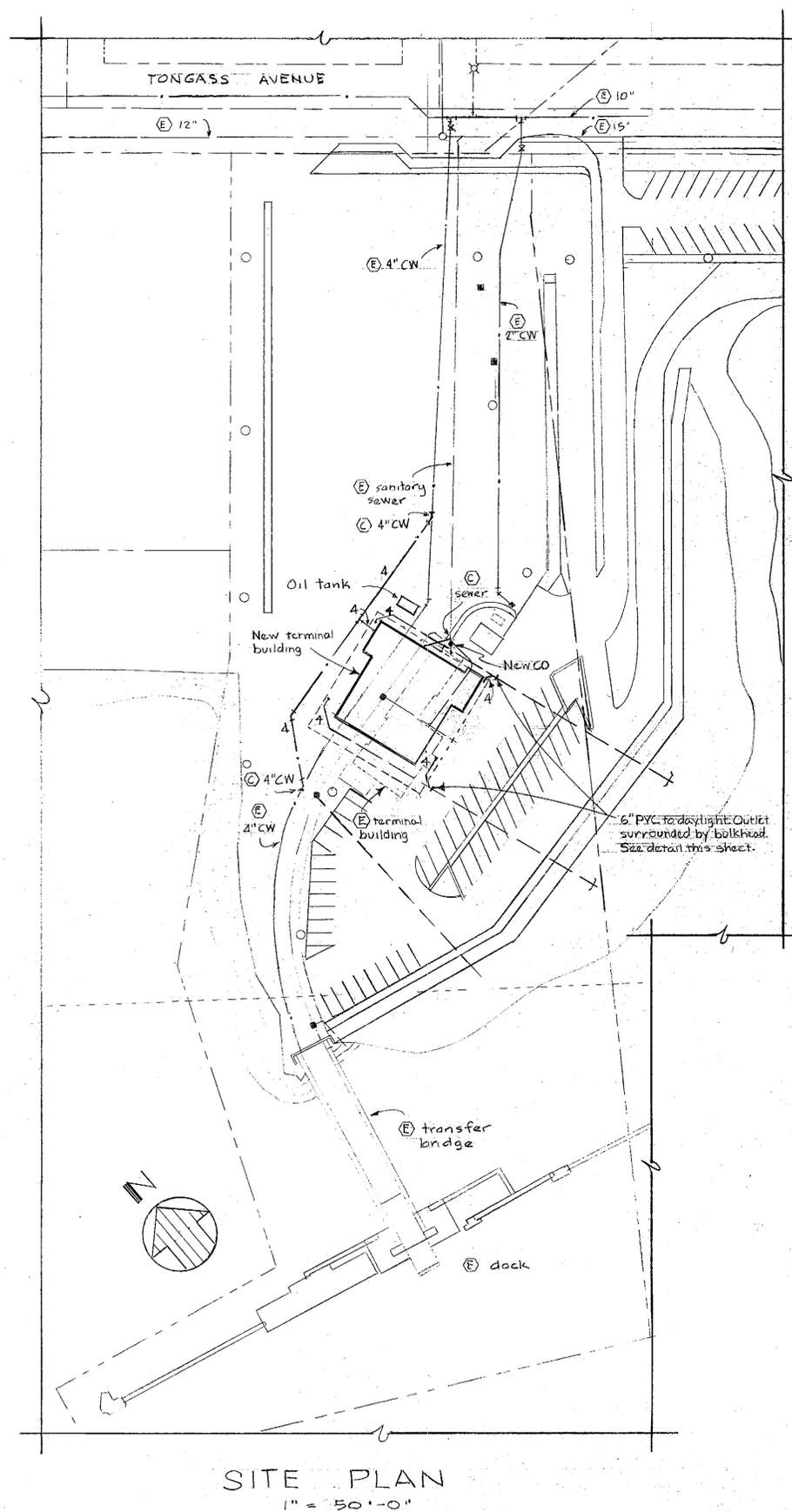
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FERRY TERMINAL
KETCHIKAN, ALASKA
MRV NO. 9008

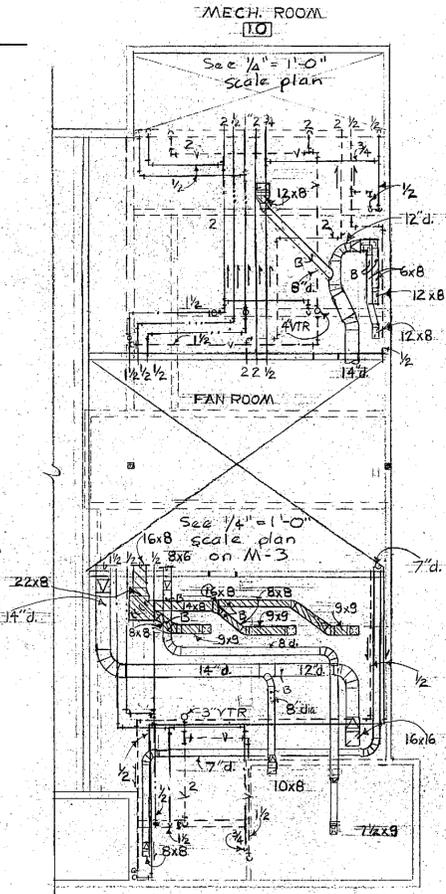
SHEET TITLE
**FLOOR PLAN
ELECTRICAL
SIGNAL PLAN**

DATE: 10-JUNE-91
DRAWN: SHS, PEL
CHKD: BCH
DWC. NO.

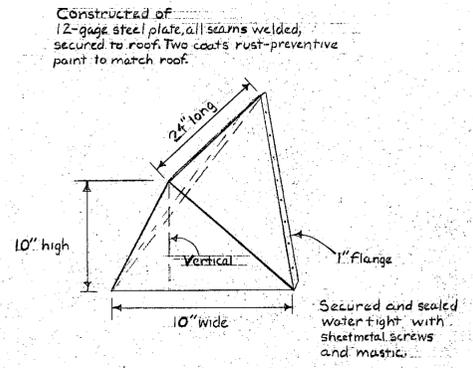
E-3



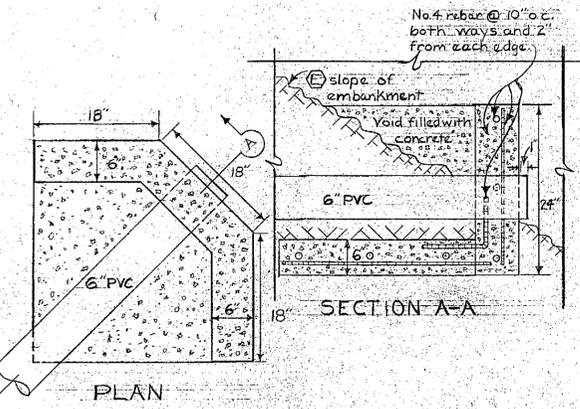
SITE PLAN
1" = 50'-0"



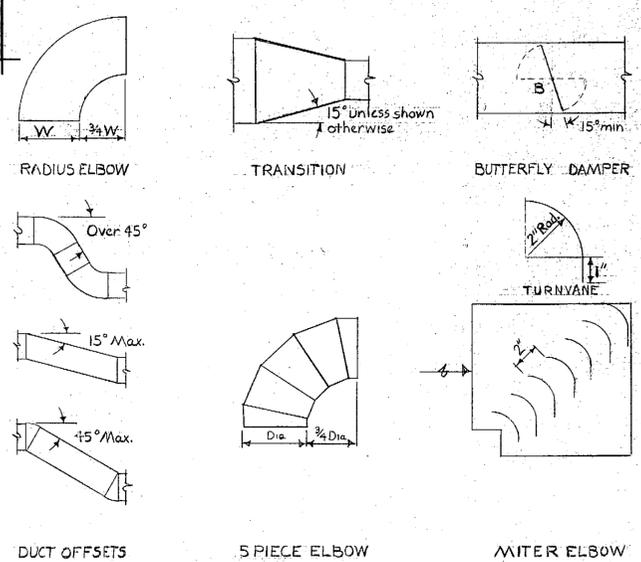
ATTIC PLAN
1/8" = 1'-0"



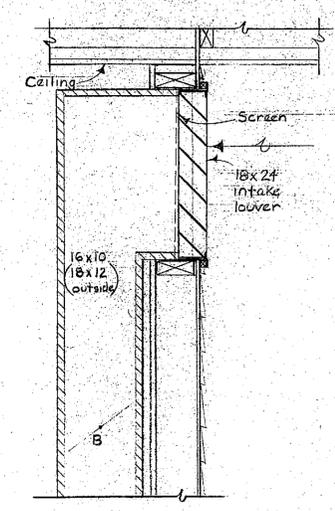
SNOW SHIELD DETAIL
No Scale
Note: Installed on roof above chimney and Mechanical Room 10 roof ventilator.



BULKHEAD DETAIL
No Scale



TYPICAL DUCT CONSTRUCTION DETAILS
No Scale



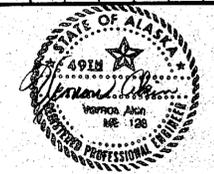
COMBUSTION AIR INTAKE LOUVER
1" = 1'-0"

SYMBOLS

HS	Heating supply
HR	Heating return
CW	Cold water
HW	Hot water
HWR	Hot water recirculating
W	Waste, drainage, soil
V	Vent
U	Union
OS	Oil supply
OR	Oil return
—	Capped or plugged
—	Reducer
—	Prised down
CO	Clean out
FCO	Floor cleanout
DY	Drain valve
—	Gate valve
—	Rising stem gate valve
—	Globe valve
—	Check valve
—	Relief valve
—	Immersion thermostat
—	Room thermostat
—	Pressure gage
—	Vacuum gage
—	Thermometer
—	Supply duct-up, down
—	Return duct-up, down
—	Sound attenuated duct
—	Ceiling supply diffuser
—	Ceiling return grille
—	Air volume
—	Diffuser or grille size
—	Diffuser pattern
—	Access door
—	Connected to existing
—	Existing
—	Automatic air vent
—	Automatic radiator valve
—	Automatic valve
—	Manual dampers-butterfly, splitter
—	Booster coil
—	Convectors
—	Drinking fountain
—	Dielectric union
—	Exhaust air damper
—	Exhaust fan
—	Emergency shower
—	Floor drain
—	Floor grille
—	Floor sink
—	Heating coil
—	Lavatory
—	1000 BTU's per hour
—	Outside air damper
—	Pump
—	Return air damper
—	Return fan
—	Stop and waste
—	Supply fan
—	Urinal
—	Vent through roof
—	Water closet
—	Wall hydrant
—	Connection to downspout
—	Flowsetter
—	Flowsetter number
—	Smoke sensor, by Electrical
—	Temperature and pressure relief valve
—	Test plug
—	Mixed air
—	Non freeze
—	Outside supply air
—	Supply air
—	Heavy duty return grille
—	Poly vinyl chloride pipe
—	Cast iron
—	In architectural work

NO.	DATE	REVISIONS	
<p>MRV MINCH RITTER VOELCKERS ARCHITECTS</p>			
<p>KETCHIKAN FERRY TERMINAL for the ALASKA MARINE HIGHWAY SYSTEM</p>			
800 GLACIER AVENUE, #A JUNEAU, ALASKA 99801		(907)-586-1371 FAX 463-5544	
DOT/PF 75010		MRV 9008	
SHEET TITLE			
SITE PLAN ATTIC PLAN DETAILS			
DATE June 91			
DRAWN SH			
CHECKED VA			
NUMBER			
M-1			

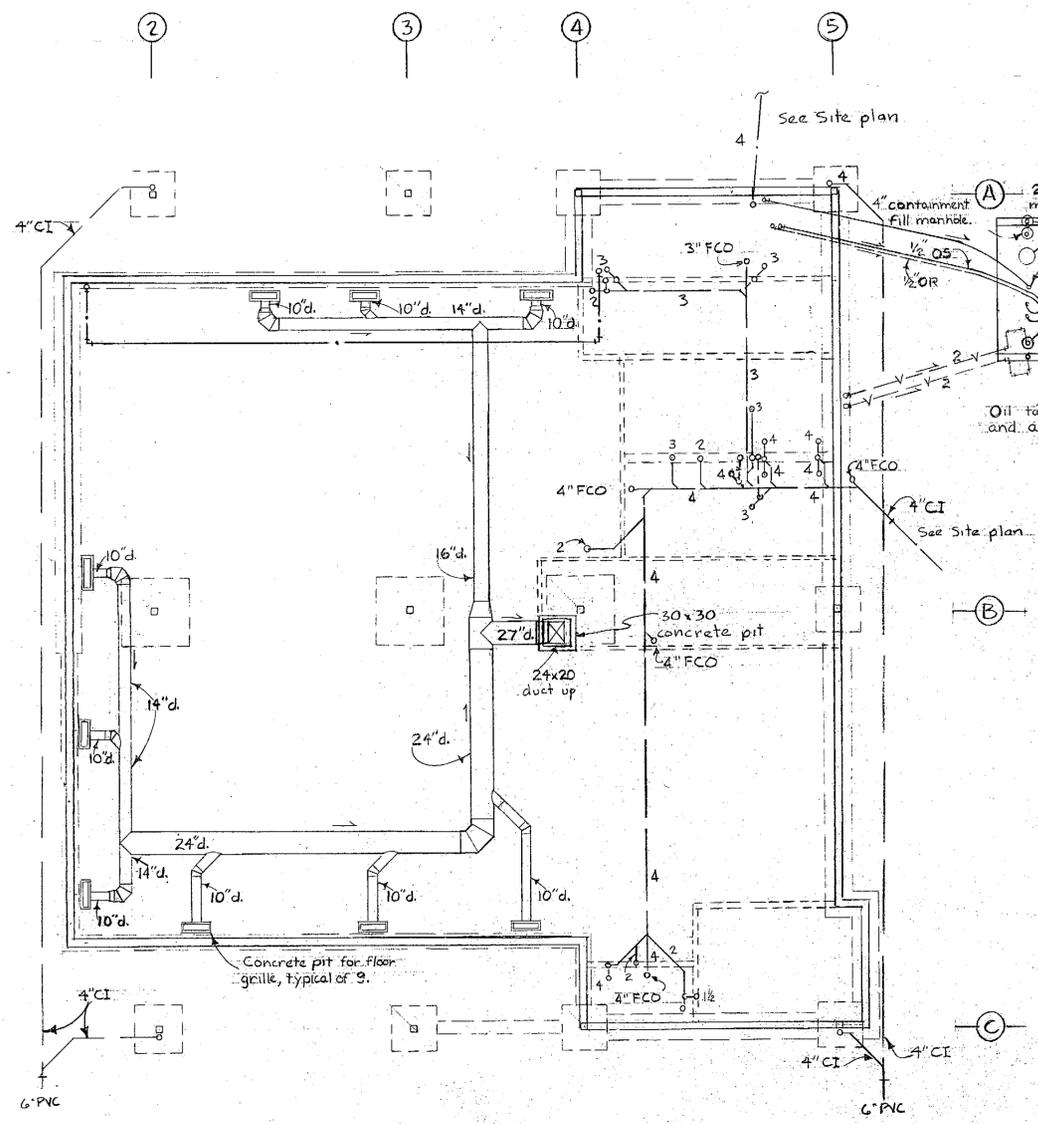
NO	DATE	REVISIONS



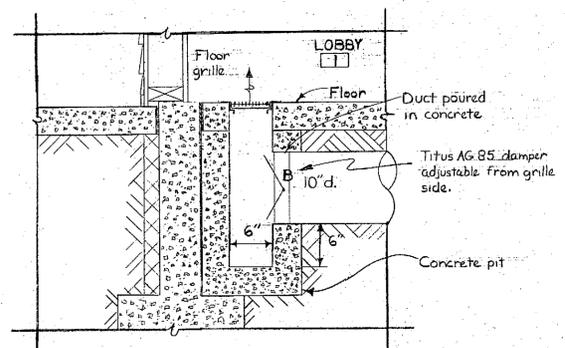
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KETCHIKAN FERRY TERMINAL
 for the
ALASKA MARINE HIGHWAY SYSTEM
 MRFV 9008 DOT/PF 75010

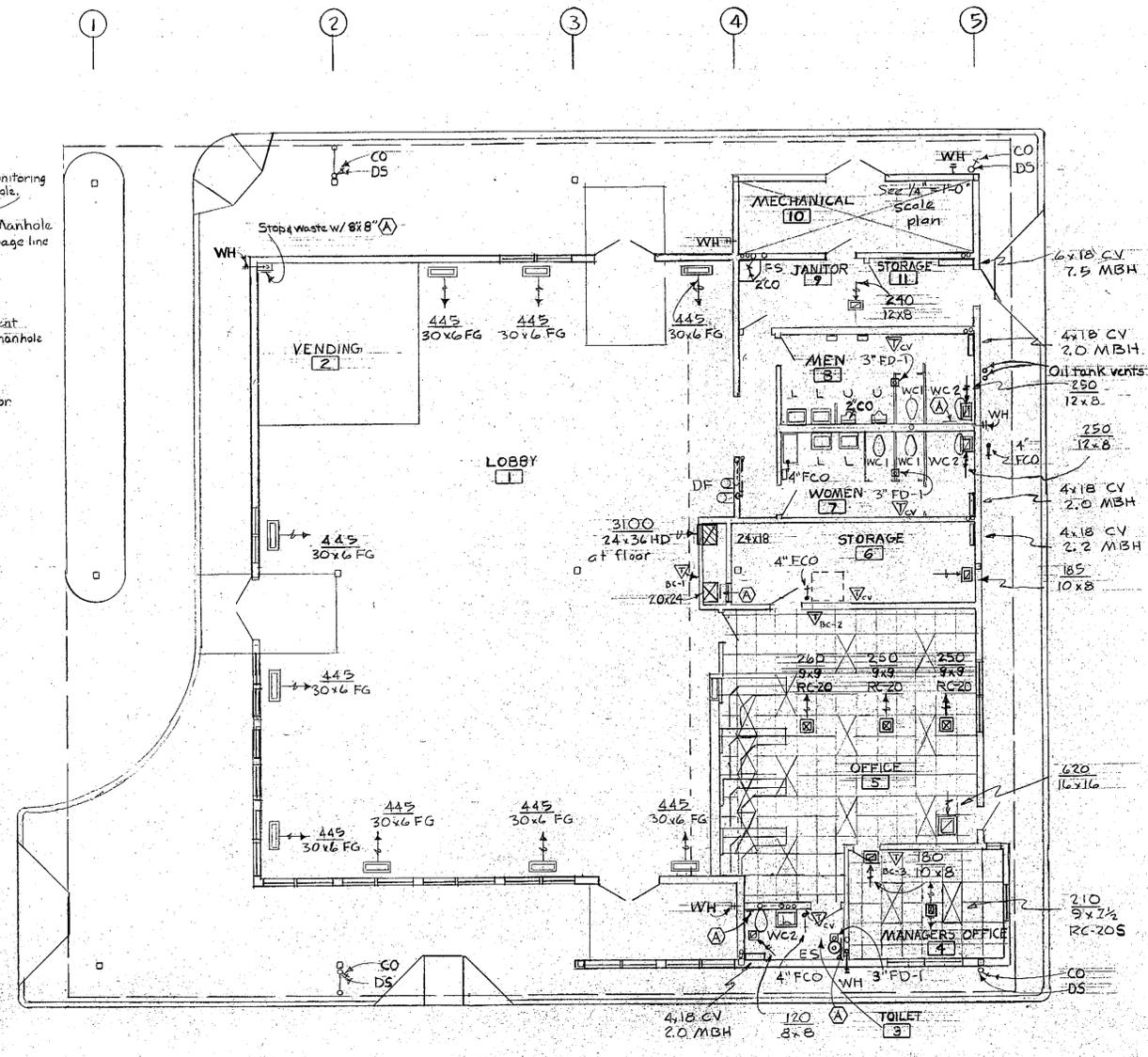
SHEET TITLE	
FOUNDATION PLAN FLOOR PLAN DETAILS	
DATE	JUNE '91
DRAWN	SH
CHECKED	VA
NUMBER	M-2



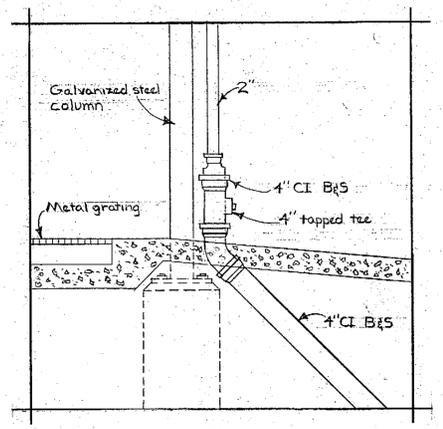
FOUNDATION PLAN
 1/8" = 1'-0"



FLOOR GRILLE DETAIL
 1" = 1'-0"

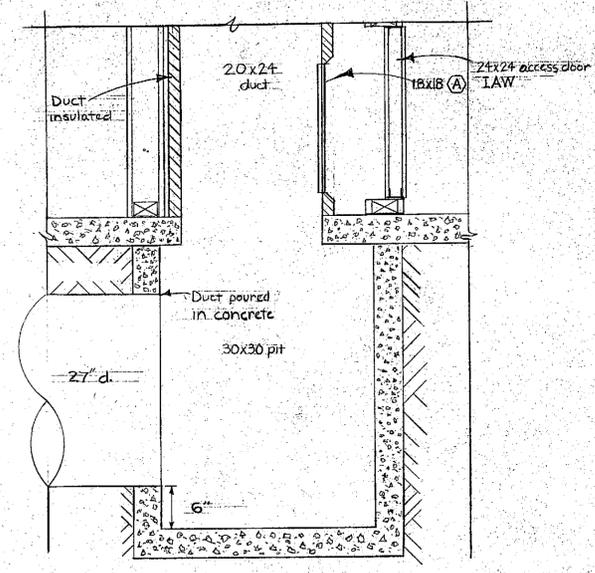


FLOOR PLAN
 1/8" = 1'-0"



DOWNSPOUT DETAIL
 3/4" = 1'-0"

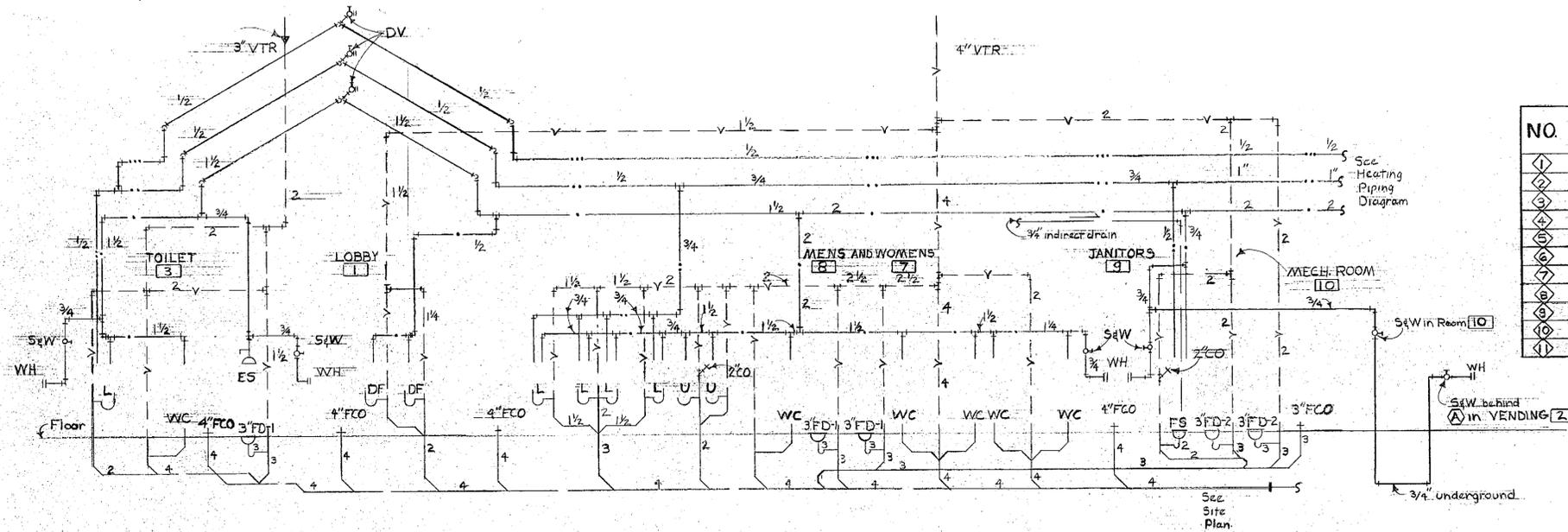
Note: Installation adjacent to building wall similar



PIT DETAIL
 1" = 1'-0"

FLOWSETTER SCHEDULE

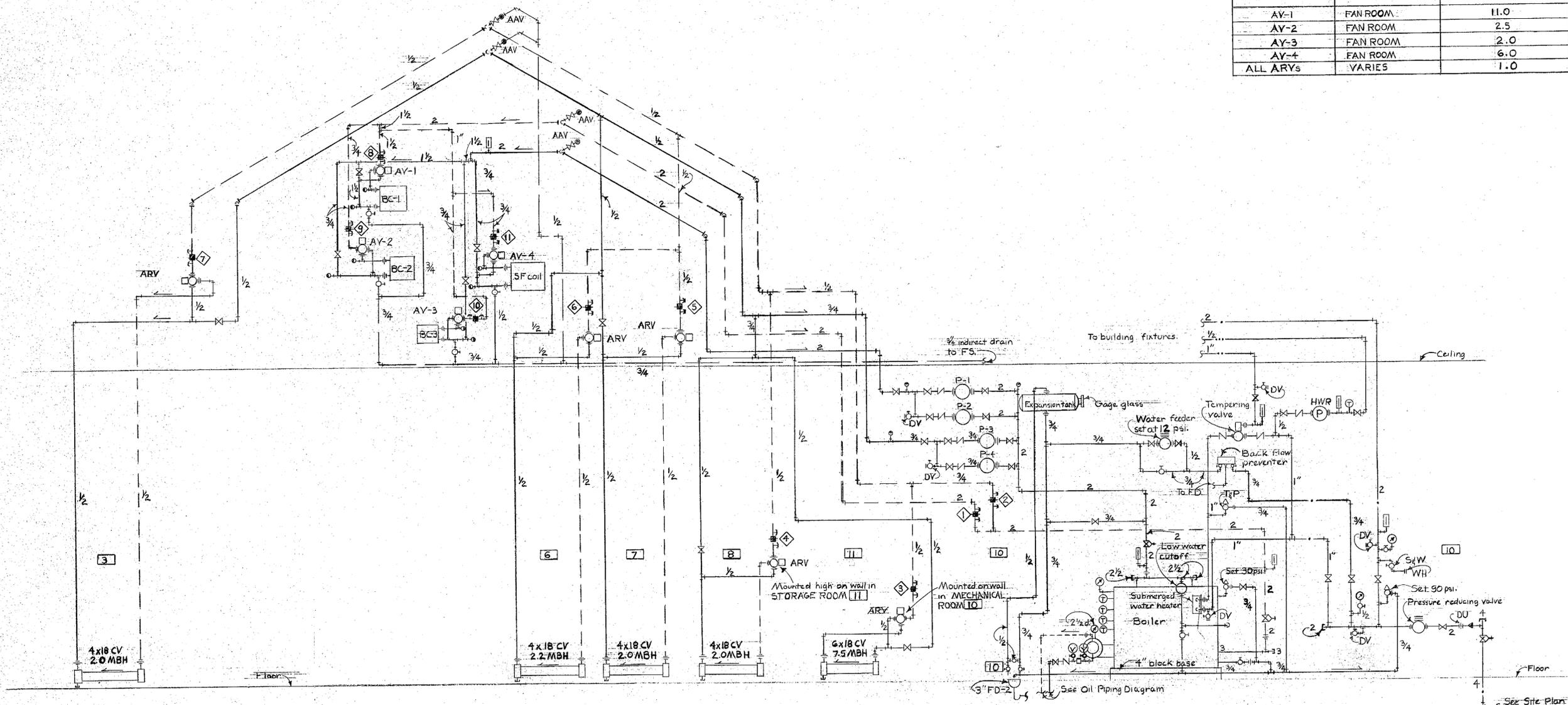
NO.	UNIT SERVED	LOCATION	DESIGN G.P.M.	SETTER SIZE (INCHES)
1	HR. COILS	MECHANICAL ROOM	20.0	2
2	HR. RADIATION	MECHANICAL ROOM	3.0	3/4
3	CV. ROOM 11	MECHANICAL ROOM	1.0	1/2
4	CV. ROOM 8	STORAGE II	0.5	1/2
5	CV. ROOM 7	FAN ROOM	0.5	1/2
6	CV. ROOM 6	FAN ROOM	0.5	1/2
7	CV. ROOM 3	FAN ROOM	0.5	1/2
8	BC-1	FAN ROOM	11.0	1 1/4
9	BC-2	FAN ROOM	3.0	3/4
10	BC-3	FAN ROOM	2.0	3/4
11	HC	FAN ROOM	6.0	1"



PLUMBING DIAGRAM
No Scale

VALVE SCHEDULE

VALVE NO.	LOCATION	MINIMUM C _v
AV-1	FAN ROOM	11.0
AV-2	FAN ROOM	2.5
AV-3	FAN ROOM	2.0
AV-4	FAN ROOM	6.0
ALL ARVs	VARIES	1.0



HEATING PIPING DIAGRAM
No Scale

NO.	DATE	REVISIONS



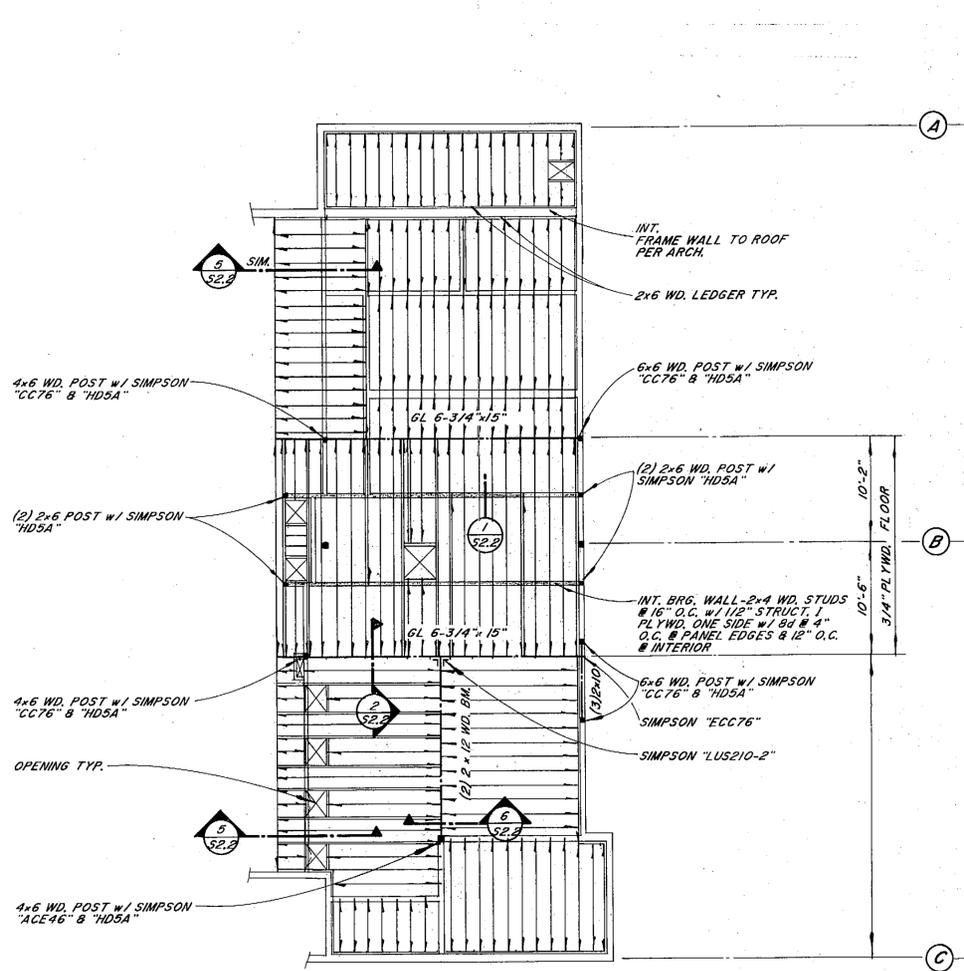
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KETCHIKAN FERRY TERMINAL
for the
ALASKA MARINE HIGHWAY SYSTEM
MRV 9008
DOT/PP 75010

SHEET TITLE
SCHEDULES & DIAGRAMS
DATE: JUNE '91
DRAWN: SH
CHECKED: VA
NUMBER
M 4

STRUCTURAL WALL SCHEDULE

- TYPE S-1 5/8" STRUCT. 1 PLYWD. EXTERIOR ON 2x6 WD. STUDS @ 16" O.C. WITH 8d @ 3" O.C. @ PANEL EDGES & 12" O.C. @ INTERIOR
- TYPE S-2 5/8" STRUCT. 1 PLYWD. EXTERIOR, 1/2" STRUCT. 1 PLYWD. INTERIOR ON 2x6 WD. STUDS @ 24" O.C. WITH 8d @ 4" O.C. @ PANEL EDGES AND 12" O.C. @ INTERIOR, OFFSET PANEL JOINTS
- TYPE S-3 5/8" STRUCT. 1 PLYWD. EA. SIDE ON 3x6 WD. STUDS @ 16" O.C. WITH 10d @ 2" (STAGGERED) O.C. @ PANEL EDGES AND 12" O.C. @ INTERIOR, OFFSET PANEL JOINTS
- TYPE 4 5/8" PLYWD. EXTERIOR ON 2x6 WD. STUDS @ 24" O.C. WITH 8d AND 6" O.C. @ PANEL EDGES AND 12" O.C. @ INTERIOR



- NOTES:**
- ALL FLOOR & CEILING JOIST DEPICTED HEREON ARE 2x6 WD. @ 16" O.C., UNLESS NOTED OTHERWISE.
 - DOUBLE JOIST WITHIN MECH. MEZZ. TO BE COORD. W/ HVAC UNITS 6x6 RUNNERS, SEE MECH.

FAN MEZZANINE & CEILING FRAMING PLAN

SCALE: 1/8" = 1'-0"

STRUCTURAL NOTES:

GENERAL NOTES

SUPERVISION AND INSPECTION: STRUCTURAL WORK SHALL BE SUPERVISED AND INSPECTED DURING CONSTRUCTION AS REQUIRED BY THE CITY OF KETCHIKAN, BUILDING DEPARTMENT, AND APPLICABLE CODE.

STRUCTURAL EMBANKMENT: STRUCTURAL EMBANKMENT SHALL CONSIST OF REASONABLY WELL-GRADED SAND AND GRAVEL APPROVED BY THE ENGINEER. THE EMBANKMENT SHALL BE COMPACTED TO 95% OF THE MODIFIED PROCTOR MAXIMUM LABORATORY DENSITY DETERMINED BY ASTM D-1557-70 BENEATH THE ENTIRE BUILDING. THE EMBANKMENT SHALL BE CONSTRUCTED AFTER REMOVAL OF ALL VEGETATION, SOD, AND ORGANIC MATERIALS.

FOUNDATION: THE DESIGN SOIL BEARING CAPACITY HAS BEEN ESTABLISHED TO BE 2,000 PSF MINIMUM BASED ON GENERAL KNOWLEDGE OF METHODS AND MATERIALS UTILIZED DURING CONSTRUCTION OF EXISTING SITE. REMOVE ADDITIONAL MATERIAL UNDER THE FOOTINGS AS DIRECTED BY THE ENGINEER. BACKFILL OVER THE EXCAVATION WITH A NON-FROST SUSCEPTIBLE (NFS) SAND AND GRAVEL COMPACTED TO 95% MAXIMUM DENSITY. DO NOT POUR CONCRETE UNTIL BEARING SURFACE HAS BEEN INSPECTED AND APPROVED BY THE ENGINEER.

CONCRETE: CONCRETE SHALL HAVE A 28-DAY COMPRESSIVE STRENGTH OF $f'_c = 3,000$ PSI MINIMUM WITH SIX SACKS PER CUBIC YARD OF CONCRETE. PLACING, HANDLING, AND CURING OF CONCRETE SHALL BE IN ACCORDANCE WITH ACI 301 SPECIFICATIONS.

REINFORCING BARS: REINFORCING BARS SHALL BE DEFORMED BARS MEETING ASTM A615, GRADE 60. SLAB ON GRADE SHALL BE REINFORCED WITH 6x6 WELDED W/ 4xW/4 WIRE MESH MEETING ASTM A185 UNLESS NOTED OTHERWISE. MESH SHALL BE PLACED AT THE MID-DEPTH OF SLAB. CONCRETE COVER OVER REBARS, SPLICING OF REBARS, AND SPLICING OF MESH SHALL BE IN ACCORDANCE WITH ACI 318-77.

ANCHOR BOLTS: ANCHOR BOLTS SHALL BE MACHINED BOLTS MEETING ASTM A-307.

STRUCTURAL AND MISCELLANEOUS STEELS: ALL STRUCTURAL AND MISCELLANEOUS STEELS SHALL MEET ASTM A36 WITH A MINIMUM YIELD STRESS OF 36.0 KSI. STRUCTURAL STEEL COLUMNS SHALL MEET ASTM A500 WITH A MINIMUM YIELD STRESS OF 46.0 KSI. FABRICATION AND ERECTION SHALL CONFORM TO THE 8TH EDITION OF AISC SPECIFICATIONS. SHOP AND FIELD WELDING SHALL BE PERFORMED BY CERTIFIED WELDERS IN ACCORDANCE WITH THE AWS STANDARD AWS-D1.1-76. QUARTER INCH FILLET WELDS SHALL BE BUILT OUT TO OBTAIN FULL THROAT THICKNESS. AWS A5.1 OR A5.5 EPOX ELECTRODES SHALL BE USED FOR WELDING. BOLTS SHALL BE MACHINED BOLTS MEETING ASTM A307 UNLESS NOTED OTHERWISE.

PLYWOOD: PLYWOOD FOR ROOF DIAPHRAGM AND SHEAR WALLS SHALL BE STRUCTURAL I GRADE OR EQUAL, APPROVED BY THE ENGINEER. ALL EDGES OF PLYWOOD SHALL BE BLOCKED. SEE STRUCTURAL WALL SCHEDULE FOR NAILING.

GLUE-LAMINATED BEAMS: ALL GLUE-LAMINATED BEAMS SHALL BE FABRICATED IN ACCORDANCE WITH U.S.C. STANDARDS 25-10 AND 25-11 AND BY A CERTIFIED FABRICATOR. A CERTIFICATE OF INSPECTION SHALL BE SUBMITTED TO THE BUILDING DEPARTMENT AND TO THE ENGINEER FOR APPROVAL. GLUE-LAMINATED MEMBERS SHALL BE VISUALLY GRADED WESTERN SPECIES DOUGLAS FIR COMBINATION 24F-V8, STRESS F_c , EQUAL TO 165 PSI; AN ALLOWABLE COMPRESSIVE STRENGTH, F_c , EQUAL TO 650 PSI; AND A MODULUS ELASTICITY, E , EQUAL TO 1,600,000 PSI.

FRAMING LUMBERS: FRAMING LUMBER SHALL CONFORM TO WMPA GRADING AND DRESSING RULES.

ALL MEMBERS: DOUGLAS FIR - LARCH NO. 1, OR BETTER

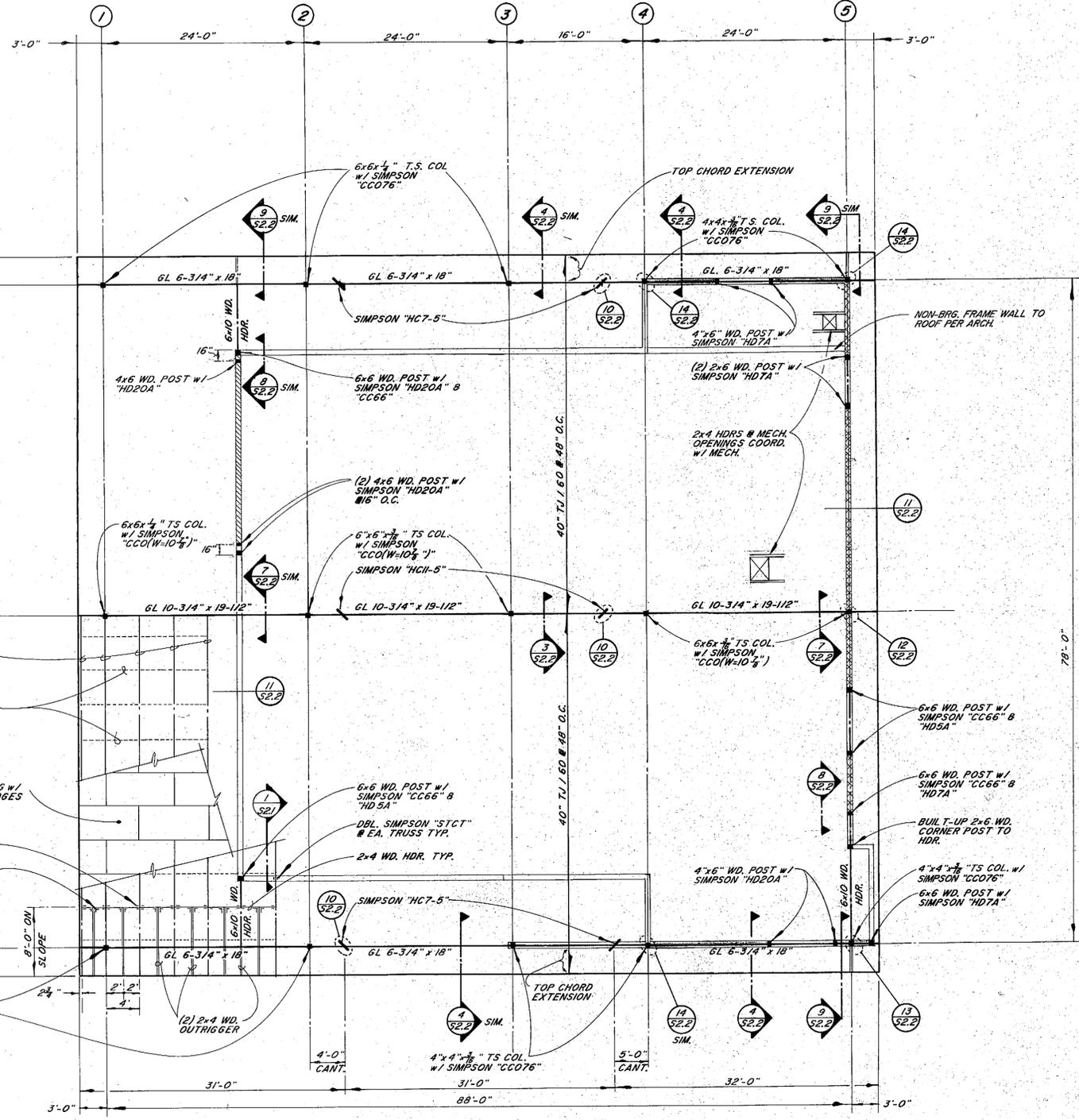
UNLESS NOTED OTHERWISE, ALL NAILINGS SHALL CONFORM TO THE MINIMUM REQUIREMENTS OF THE U.S.C. TABLE 25-Q. FRAMING HANGERS AND ANCHORS SHALL BE SIMPSON STRONG-TIE OR EQUAL AS APPROVED BY THE ENGINEER.

PRE-FABRICATED ROOF JOISTS: PRE-FABRICATED ROOF JOISTS SHALL BE 40" TJ/60 BY TRUSJOIST OR AN EQUAL AS APPROVED BY THE ENGINEER. THE FABRICATOR SHALL PROVIDE COMPLETE ENGINEERING AND DESIGN OF JOISTS, LAYOUT, CERTIFICATE OF INSPECTION, AND ALL DETAILS THAT ARE NECESSARY TO COMPLETE THE ROOF SYSTEM. THE FABRICATOR SHALL SUBMIT COMPLETE SHOP DRAWINGS TO THE ENGINEER FOR APPROVAL PRIOR TO FABRICATION. THE JOIST FABRICATOR SHALL PROVIDE MATERIALS AND DETAILING FOR ALL NECESSARY ITEMS SUCH AS HANGERS, BRIDGINGS, STIFFENERS, CLIPS, BRACING, ETC., REQUIRED FOR INSTALLATION OF THE JOIST SYSTEM. THE JOIST SYSTEM SHALL BE DESIGNED FOR THE FOLLOWING LOADINGS:

- ROOF SNOW LOAD: 40 PSF
- ROOF DEAD LOAD: 15 PSF

FIFTEEN PERCENT INCREASE OF THE LUMBER STRESSES SHALL BE ALLOWED FOR SNOW LOAD.

STRUCTURAL CONNECTORS: STRUCTURAL CONNECTORS SHALL BE SIMPSON STRONG-TIE CO., INC. OR AN EQUAL AS APPROVED BY THE ENGINEER. FABRICATOR TO PROVIDE ALL STRUCTURAL FASTENERS REQUIRED FOR INSTALLATION OF STRUCTURAL CONNECTORS.



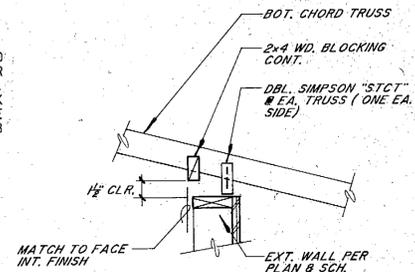
ROOF FRAMING PLAN

SCALE: 1/8" = 1'-0"

SPECIAL NOTES: THE CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS AND DETAILS PRIOR TO COMMENCING WORK. SHOULD THERE BE ANY QUESTION OR DISCREPANCY ON THE DRAWING, NOTIFY THE ENGINEER FOR HIS CLARIFICATION. WHERE WORK IS SHOWN ON THE PLANS WITHOUT DETAILED SPECIFICATIONS, ALL WORK SHALL BE DONE WITH MATERIALS AND METHODS ACCEPTED AS GOOD PRACTICE BY THE CONSTRUCTION INDUSTRY IN ACCORDANCE WITH THE UNIFORM BUILDING CODE, 1988 EDITION.

DESIGN CRITERIA:

- ROOF SNOW LOAD: 40 PSF
- SLAB ON GRADE: 100 PSF
- WIND: 100 MPH
- SEISMIC: UBC ZONE 2B WITH $R_w = 9$
- UNIFORM BUILDING CODE: 1988 EDITION



1 SLIP JOINT DETAIL
SCALE: 1/4" = 1'-0"

NO.	DATE	REVISIONS



MRV
MINCH RITTER VOELCKERS ARCHITECTS
800 GLACIER AVENUE, #A
JUNEAU, ALASKA 99801
(907) 586-1371
FAX 463-5544

KETCHIKAN FERRY TERMINAL
for the
ALASKA MARINE HIGHWAY SYSTEM
DOT/PF 75010
MVR 9008

SHEET TITLE
ROOF, FAN MEZZANINE, & CEILING FRAMING PLANS

DATE: JUNE 7, 1991
DRAWN: *MP*
CHECKED: *J.B.*
NUMBER: **S 2.1**

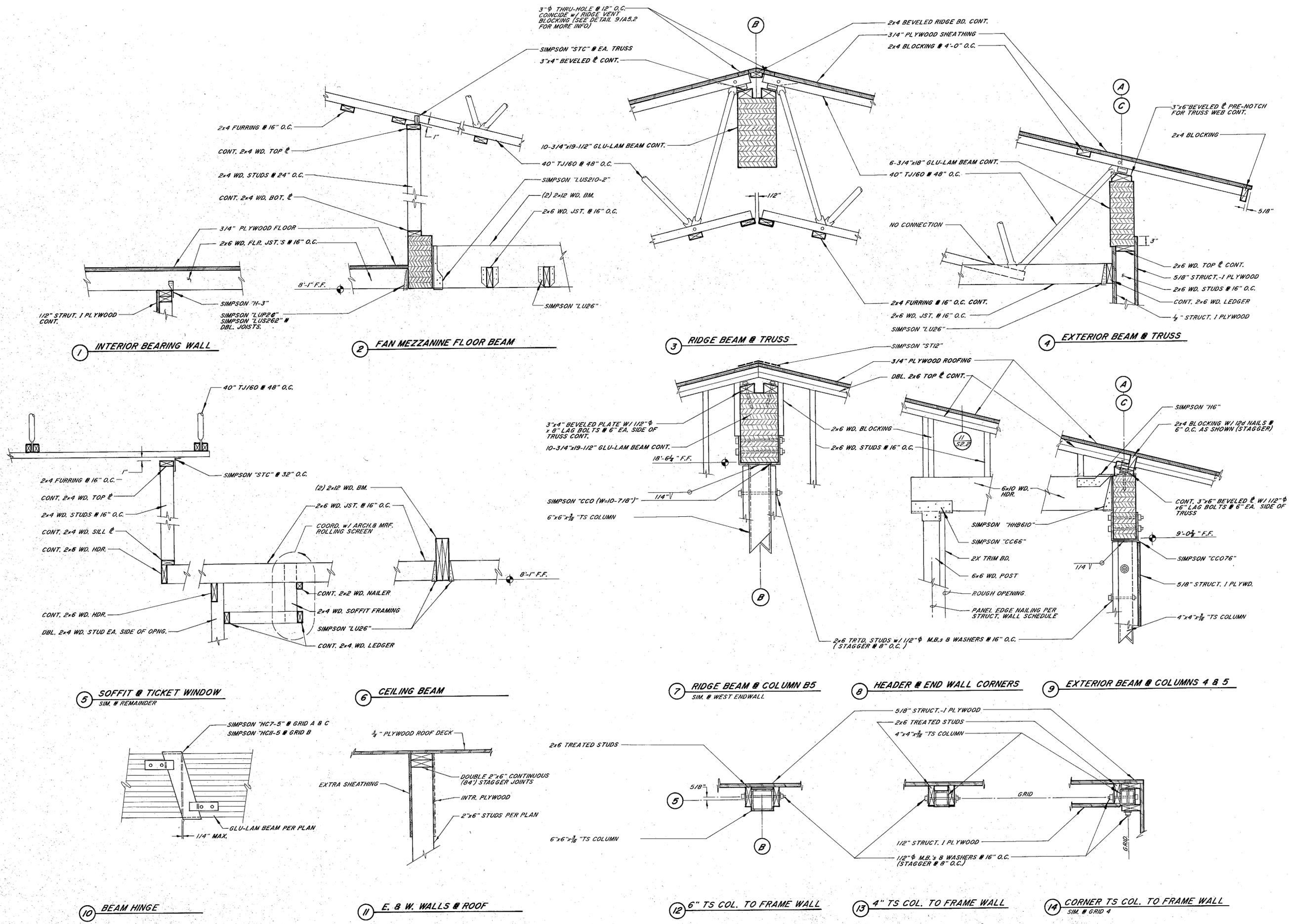
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SHEET TITLE
CONSTRUCTION DETAILS
 DATE JUNE 7, 1991
 DRAWN MP
 CHECKED J.B.
 NUMBER
S2.2



CONSTRUCTION DETAILS
 SCALE: 1" = 1'-0"

