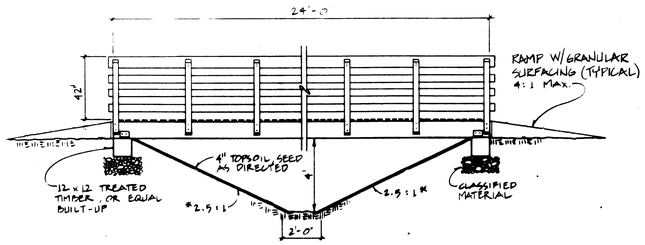
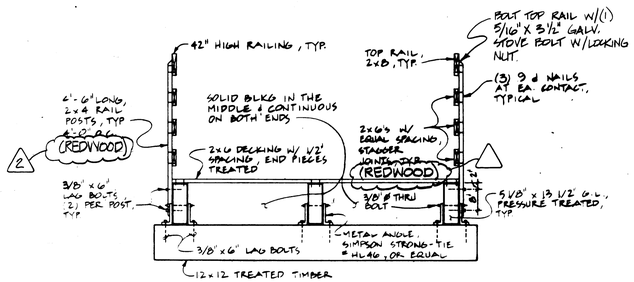


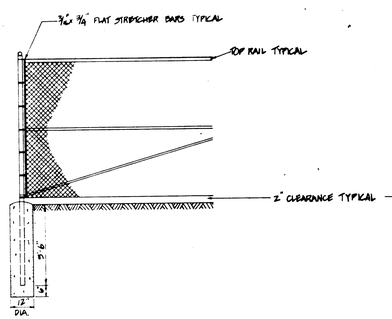
*NOTE: TRANSITION TO TYPICAL DITCH SECTION 10' EACH SIDE OF BRIDGE

8 BRIDGE ELEVATION
NTS

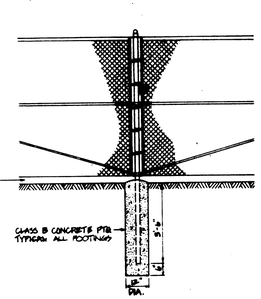


7 BRIDGE SECTION
NTS

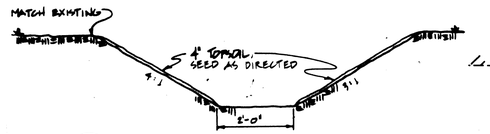
CONSTRUCTION NOTES:
1. MAX. FULL POST SPACING 300'.
2. MIN. FULL POST DIA. 2.875" O.D.



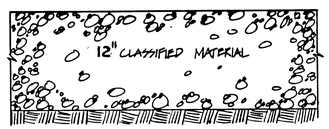
6 TYPICAL END POST
NTS



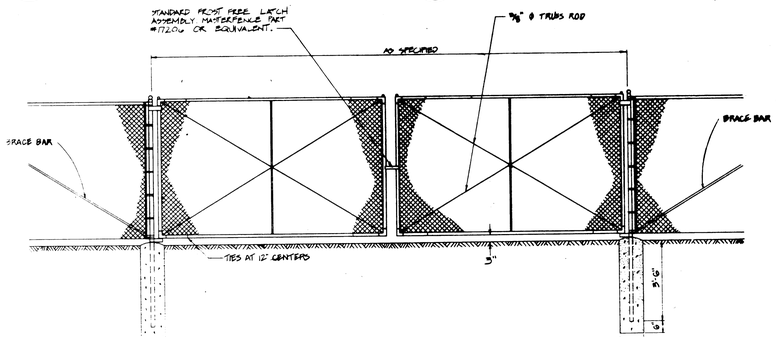
5 TYPICAL PULL POST
NTS



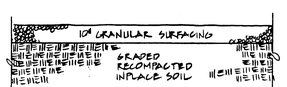
3 DITCH SECTION
NTS



2 TYPICAL SECTION
NTS

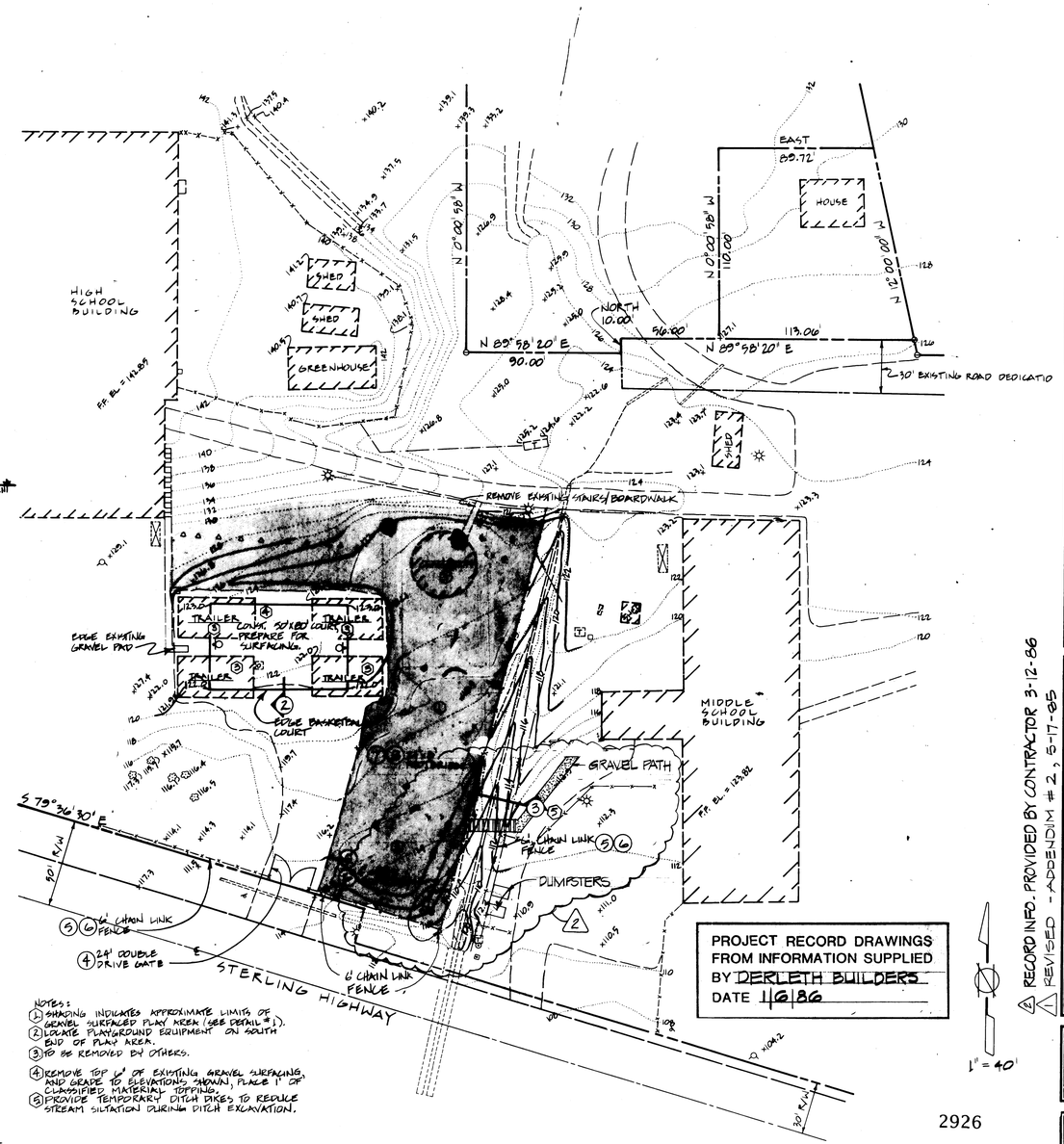


4 TYPICAL DOUBLE DRIVE GATE & GATE POSTS
NTS



1 PLAY AREA SECTION
NTS

SYMBOL PROPOSED	SYMBOL EXISTING	LEGEND
		CORRUGATED METAL PIPE
		BOTTOM OF DITCH
		UNDERGROUND ELECTRIC
		EDGE OF DRIVEWAY, WALKWAY
		POWER POLE
		LIGHT POLE
		TELEPHONE PEDESTAL
		FIRE HYDRANT
		METER BOX
		SIGN
		METAL POST
		FENCE
		TREE
	120	CONTOUR
	x122.9	SPOT ELEVATION
		TRANSFORMER
		OIL FUEL TANK
		PROPANE FUEL TANK
		BURIED FUEL TANK
		IRON PIN
		BASKETBALL HOOP



NOTES:
1. SHADING INDICATES APPROXIMATE LIMITS OF GRAVEL SURFACED PLAY AREA (SEE DETAIL #1).
2. LOCATE PLAYGROUND EQUIPMENT ON SOUTH END OF PLAY AREA.
3. TO BE REMOVED BY OTHERS.
4. REMOVE TOP 6" OF EXISTING GRAVEL SURFACING AND GRADE TO ELEVATIONS SHOWN, PLACE 1" OF CLASSIFIED MATERIAL TOPPING.
5. PROVIDE TEMPORARY DITCH DIKES TO REDUCE STREAM SILTATION DURING DITCH EXCAVATION.

PROJECT RECORD DRAWINGS FROM INFORMATION SUPPLIED BY DERLETH BUILDERS
DATE 1/6/86

2926

McGLOTHLIN BALIVET CO.
ARCHITECTS & PLANNERS

MODIFICATIONS TO HOMER LOWER SCHOOL AND MIDDLE SCHOOL

Kenai Peninsula Borough School District

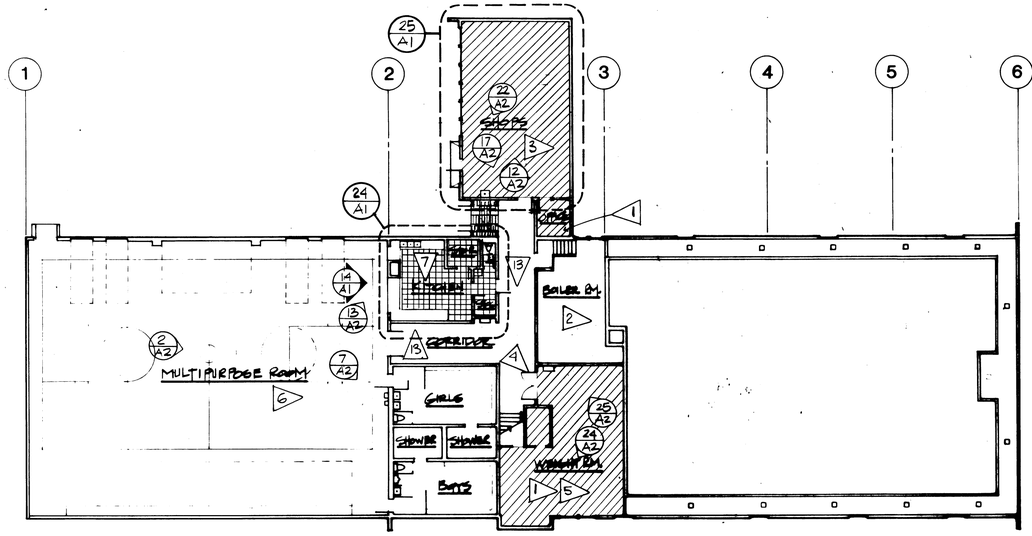
Sheet Title: SITE PLAN & DETAILS

HOMER IN 85'

△ RECORD INFO. PROVIDED BY CONTRACTOR 3-12-86
△ REVISED - ADDENDUM #2, 5-17-85

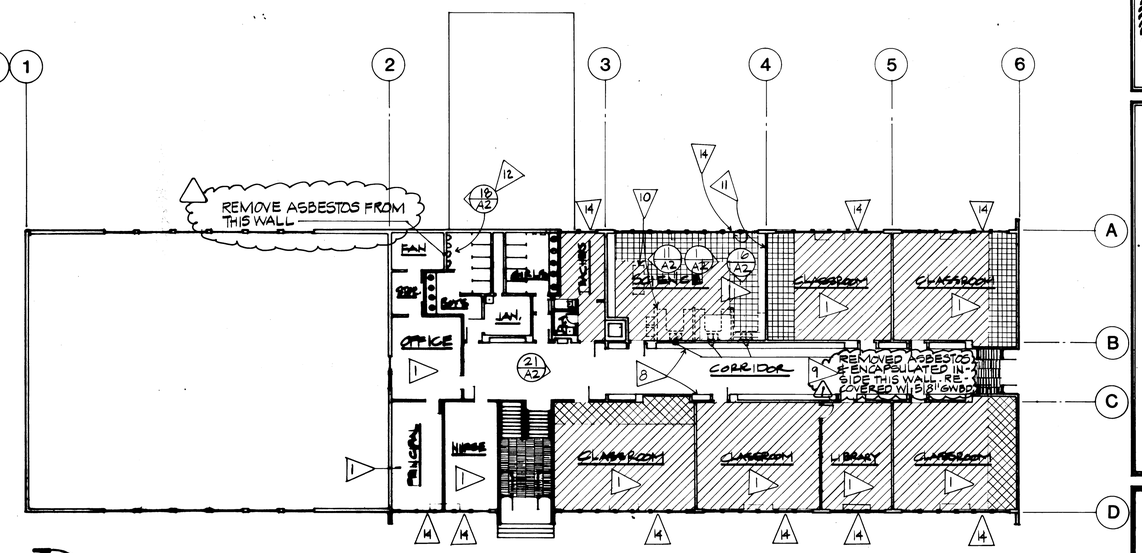
Drawn By: D.D. S.S.
Checked By: D.J.
Project No: 410
Date: 5-3-85

Sheet No: C1



EXISTING HOMER MIDDLE SCHOOL • GROUND FLOOR PLAN (12)

1/16" = 1'-0"

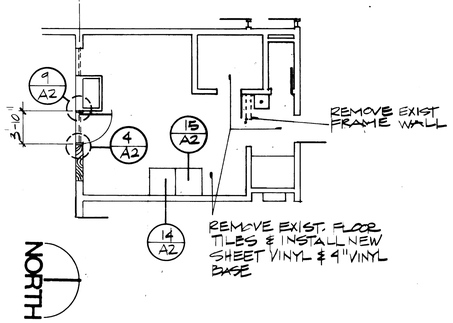


HOMER MIDDLE SCHOOL • FIRST FLOOR PLAN (2)

1/16" = 1'-0"

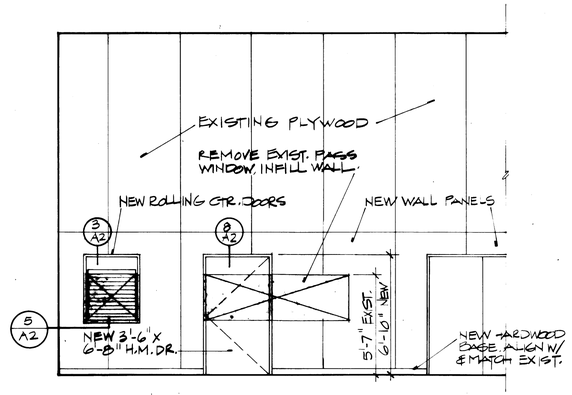
NORTH

NOTES:
- PAINT EXISTING WALLS & CEILING
- SEE SHEET F1 FOR NEW KITCHEN LAYOUT



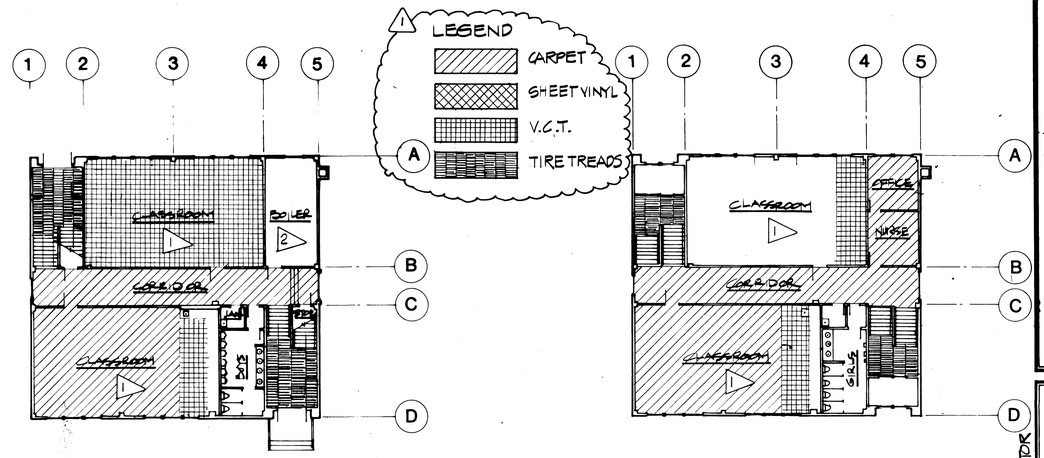
KITCHEN PLAN (24)

1/8" = 1'-0"



N.W. ELEVATION MULTIPURPOSE ROOM (14)

1/4" = 1'-0"



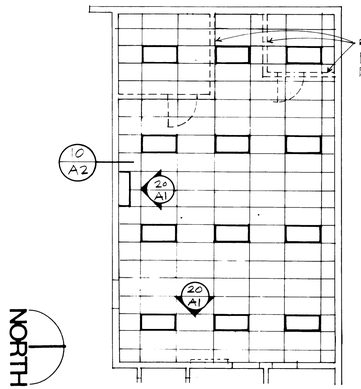
HOMER LOWER SCHOOL GROUND FLOOR PLAN (8)

1/16" = 1'-0"

NORTH

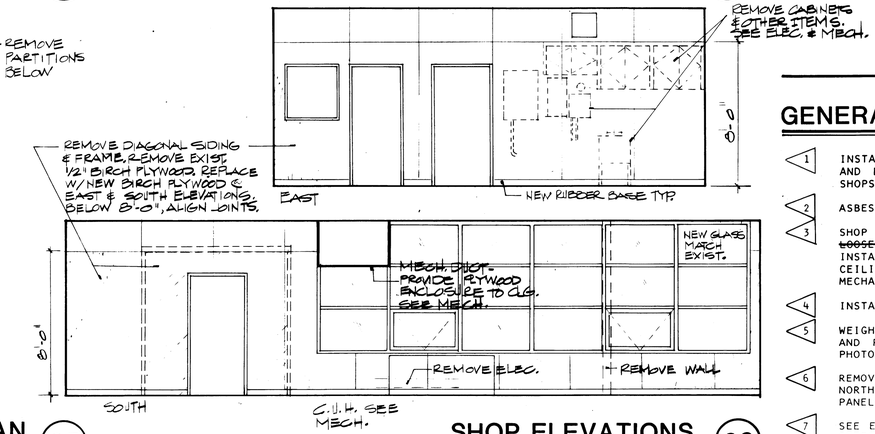
HOMER LOWER SCHOOL FIRST FLOOR PLAN (4)

1/16" = 1'-0"



SHOP REFLECTED CLG. PLAN (25)

1/8" = 1'-0"



SHOP ELEVATIONS (20)

1/4" = 1'-0"

GENERAL NOTES

1. INSTALL NEW CARPET AND RUBBER BASE. REMOVE EXISTING CARPET AND BASE. SEE PHOTOGRAPHS FOR SCIENCE, WEIGHT ROOM AND SHOPS.
2. ASBESTOS WORK - SEE SPECIFICATIONS FOR SCOPE.
3. SHOP AREA TO BE CONVERTED INTO CLASSROOM AREA. ~~PATCH ANY LOOSE EXISTING 12" X 12" FLOOR TILE~~ AND REMOVE RUBBER BASE. INSTALL NEW CARPET AND RUBBER BASE SUSPENDED ACOUSTICAL TILE CEILING WITH LAY-IN ELECTRICAL FIXTURES. SEE ELECTRICAL AND MECHANICAL DRAWINGS.
4. INSTALL NEW 20-MIN. RATED WOOD DOORS IN EXISTING H.M. FRAME.
5. WEIGHT ROOM TO BE CONVERTED INTO TEACHER WORKROOM. CLEAN AND REPAIR WALL SURFACES, PAINT WALLS AND CEILING. SEE PHOTOGRAPHS. (NO PAINT REQUIRED AT CORK WALL FINISH.)
6. REMOVE EXISTING MARLITE PANELS AND DRINKING FOUNTAINS ON NORTH WALL. REPAIR SUBSTRATE AND REPLACE WITH NEW MARLITE PANELS. SEE PHOTOGRAPHS.
7. SEE ENLARGED KITCHEN PLAN DETAIL 14 AND 24 ON SHEET A1 AND SHEET F1 FOR WORK REQUIRED IN THIS AREA.
8. LOCKERS - ALTERNATE 3 - REPLACE 109 EXISTING RECESSED 12" X 60" X 15" DEEP WALL LOCKERS WITH NEW ONES.
9. REPLACE APPROX. 45 EXISTING DAMAGED 12" X 12" ACOUSTIC TILES, MATCH EXISTING PATTERN. PAINT CORRIDOR CEILING, SPEAKER BOXES AND WIREMOLD.
10. REMOVE EXISTING SCIENCE CABINETS AND LAB SET-UPS NORTH AND EAST WALLS AS WELL AS INSTRUCTOR'S COUNTER. SEE PHOTOGRAPHS SHEET A2.
11. REMOVE MARLITE PANELS FROM ALL ELEVATIONS AND INSTALL NEW 1/2" FULL HEIGHT GWB AND PAINT. SCRIBE TO EXISTING COUNTER TOP AND CABINETS REMAINING AND PROVIDE METAL EDGE.
12. LOWER 2 URINALS. SEE 18/A2.
13. REMOVE AND REPLACE EXISTING ACOUSTICAL TILE AND GWB AS REQUIRED FOR THE REMOVAL AND REPLACEMENT OF PIPING ABOVE. SEE MECH. RE-INSTALL FIXTURES, SPEAKERS, ETC. AS REQUIRED.
14. NEW WINDOW. SEE DETAIL 20/A2.

1. REMOVED ALL 12x12" TILE

PROJECT RECORD DRAWINGS FROM INFORMATION SUPPLIED BY DERLETH BUILDERS
DATE 1/6/68

STATE OF ALASKA — 19th — Leo D. McGoldrick 3374 — REGISTERED ARCHITECT

McGLOTHLIN BALIVET CO. ARCHITECTS & PLANNERS

MODIFICATIONS TO HOMER LOWER SCHOOL AND MIDDLE SCHOOL

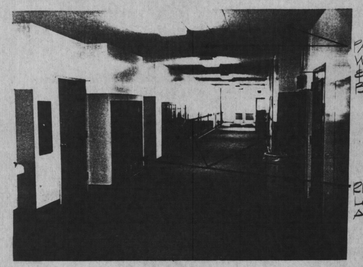
Kenai Peninsula Borough School District

Sheet Title: FLOOR PLANS 2927

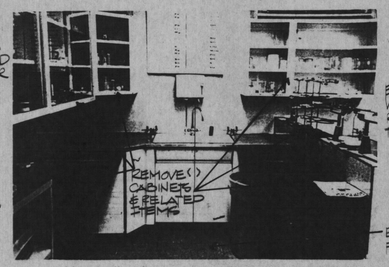
RECORD INFO. PROVIDED BY CONTRACTOR

Drawn By: M.B.
Checked By: L.M.
Project No: 410
Date: 5-3-85

Sheet No: A1

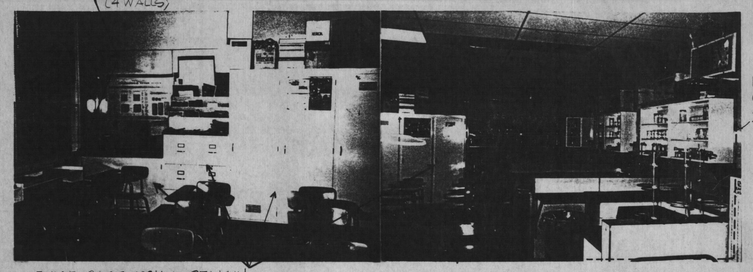


CORRIDOR LOOKING NORTH (21)

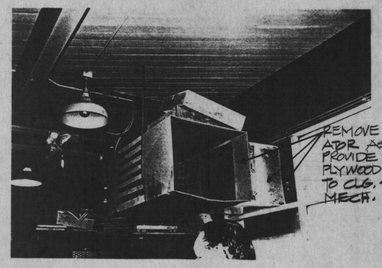


SCIENCE LOOKING EAST (16)

SCIENCE LOOKING SOUTH (11)



SCIENCE LOOKING NORTH (1)

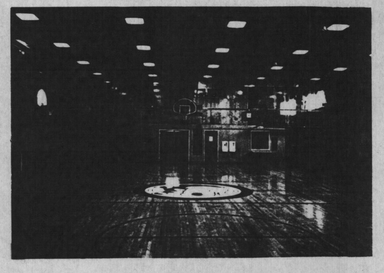


SHOP LOOKING SOUTHEAST (22)

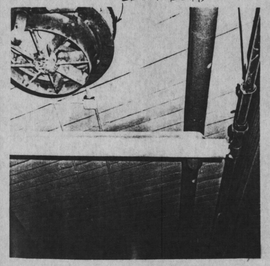
SHOP LOOKING EAST (17)

SHOP LOOKING WEST (12)

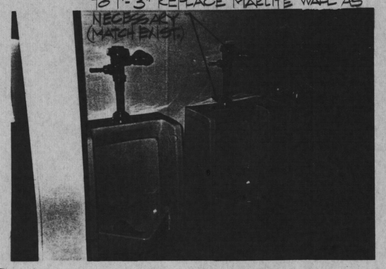
MULTIPURPOSE LOOKING N.E. (7)



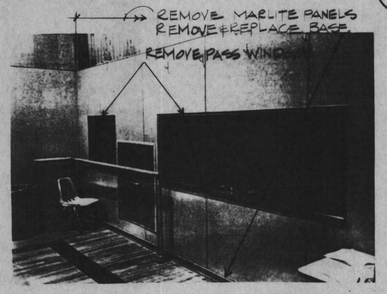
MULTIPURPOSE LOOKING N. (2)



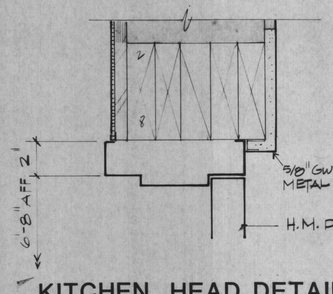
SHOP CEILING (23)



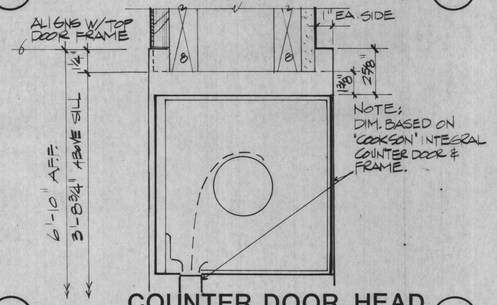
BOYS' - FIRST FLOOR SOUTH (18)



MULTIPURPOSE LOOKING NW (13)

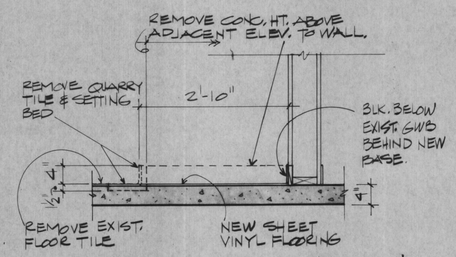


KITCHEN HEAD DETAIL (8)
3" = 1'-0"

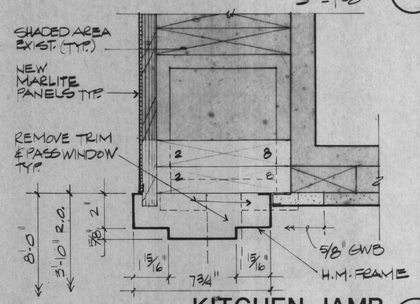


COUNTER DOOR HEAD (3)
3" = 1'-0"

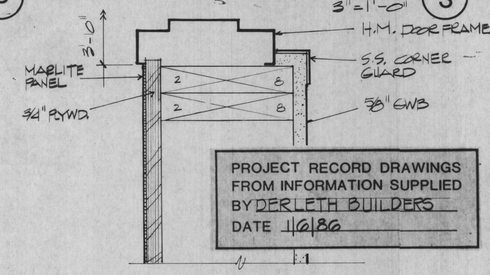
WEIGHT RM. LOOKING S.E. (24)



SECTION - RAISED FLOOR (14)
3/4" = 1'-0"

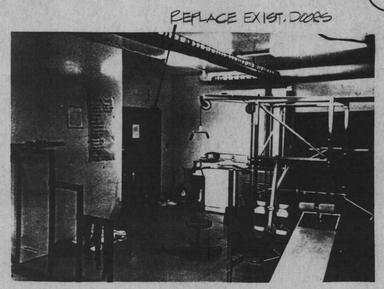


KITCHEN JAMB (9)
3" = 1'-0"

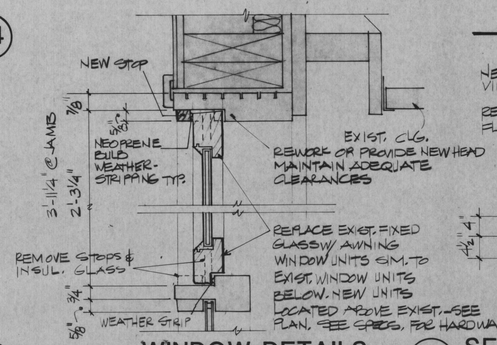


PROJECT RECORD DRAWINGS FROM INFORMATION SUPPLIED BY DERLETH BUILDERS
DATE 1/6/86

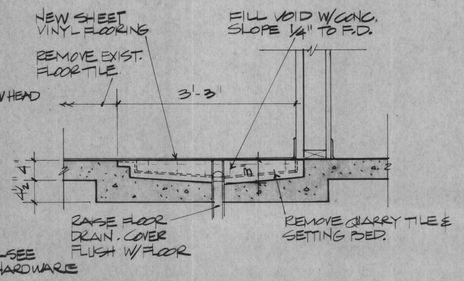
DOOR JAMB (4)
3" = 1'-0"



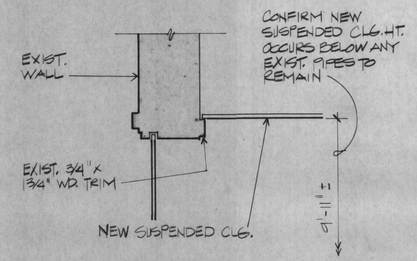
WEIGHT RM. LOOKING WEST (25)



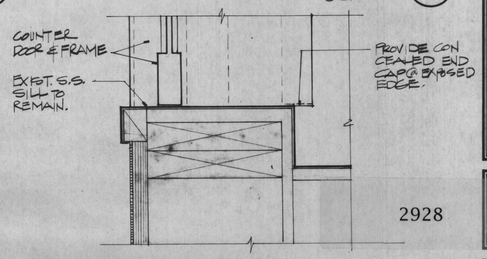
WINDOW DETAILS (20)



SECTION - DEPRESSED FLOOR (15)
3/4" = 1'-0"



SHOP CEILING (10)
1 1/2" = 1'-0"



COUNTER DOOR SILL (5)

2928

STATE OF ALASKA — REGISTERED PROFESSIONAL ARCHITECT — 49th — Leo D. McGlothlin — 3294

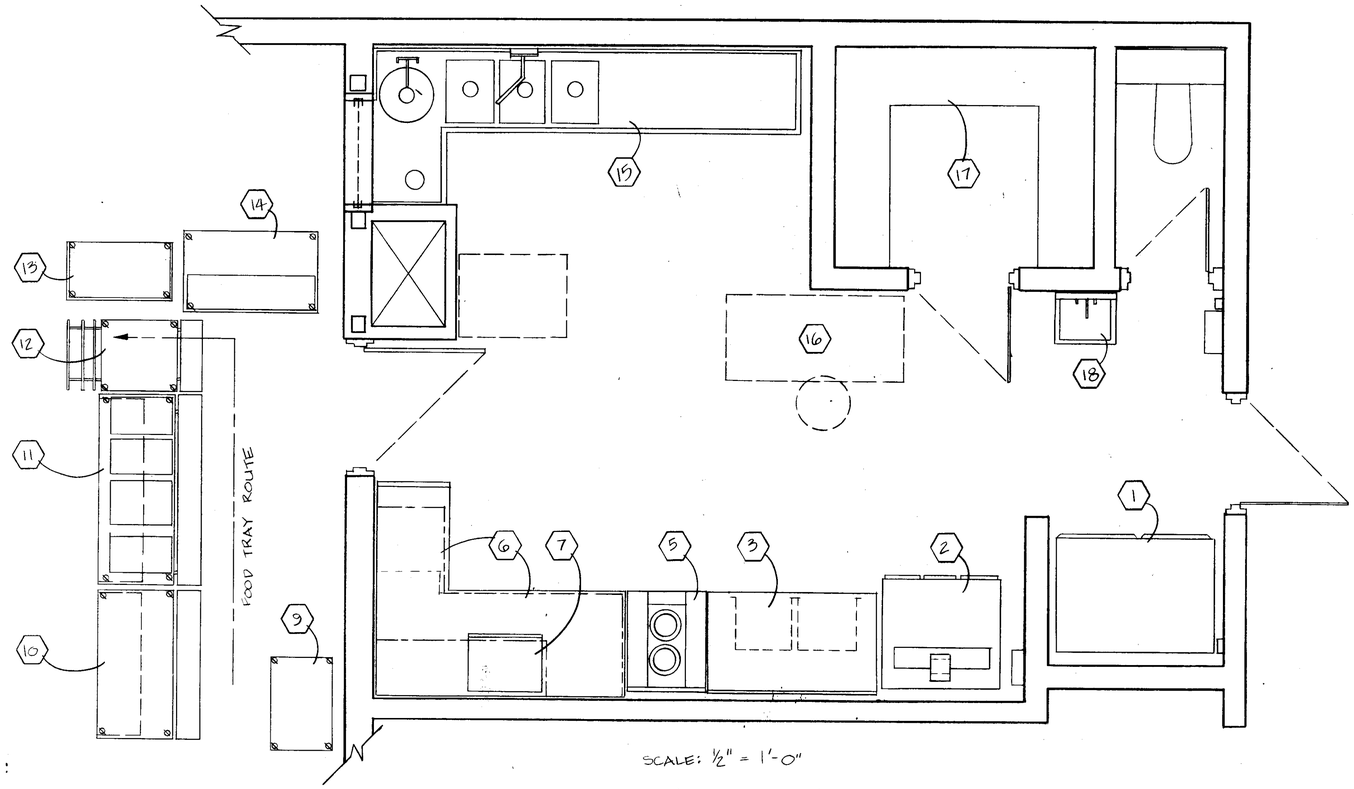
McGLOTHLIN BALIVET CO.
ARCHITECTS & PLANNERS
500 CORDOVA, SUITE ... ANCHORAGE, ALASKA

MODIFICATIONS TO HOMER LOWER SCHOOL AND MIDDLE SCHOOL
Kenai Peninsula Borough School District

Sheet Title: PHOTOGRAPHS OF EXISTING CONDITIONS AND DETAILS

Drawn By: M.B.
Checked By: L.M.
Project No: 410
Date: 5-3-85

Sheet No: A2

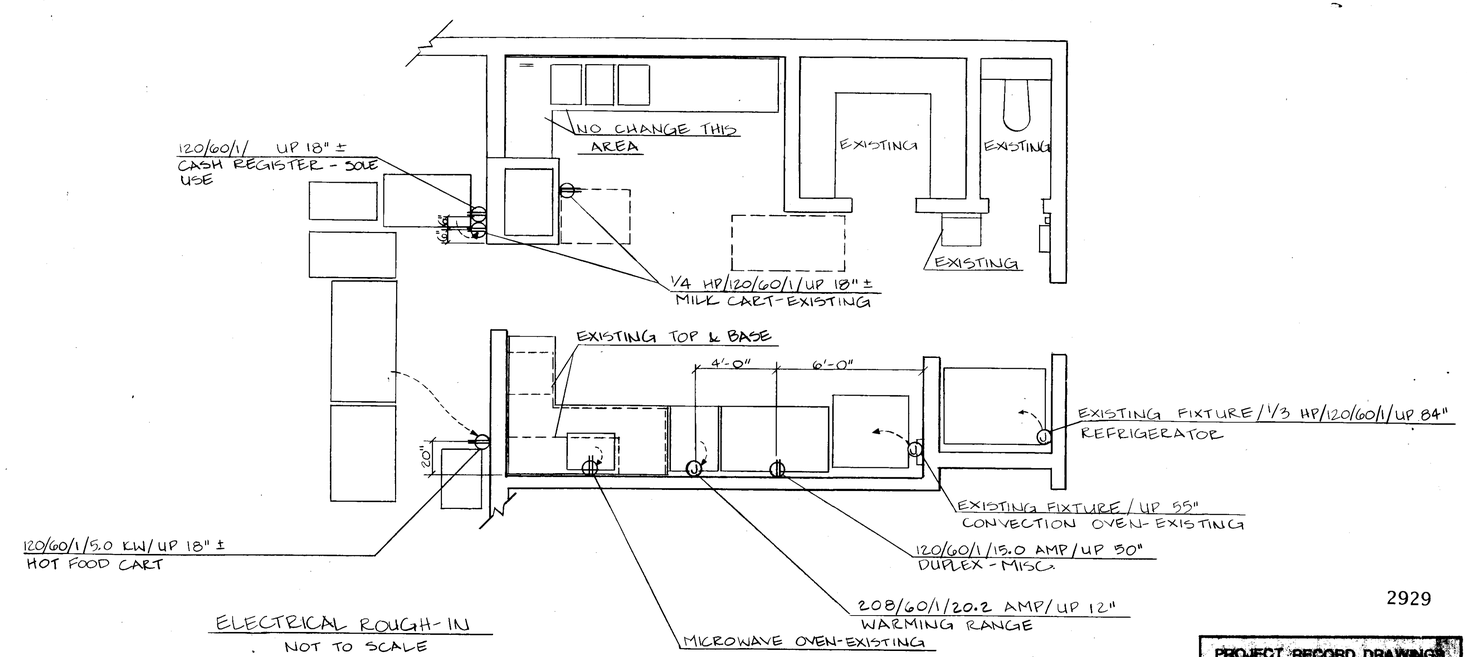


SCALE: ½" = 1'-0"

LIST OF EQUIPMENT

1.	REFRIGERATOR, 2 DOOR	
2.	WARMING OVEN	EXISTING
3.	WORK TABLE	
4.	DELETED	
5.	WARMER-HOT PLATE	
6.	COUNTER	EXISTING
7.	MICROWAVE OVEN	EXISTING
8.	DELETED	
9.	TRAY CART	EXISTING
10.	SOLID TOP FOOD CART, MOBILE	
11.	HOT FOOD CART, MOBILE	
12.	TRAY PASS-OVER CART, MOBILE	
13.	CASHIER CART	EXISTING
14.	MILK CART, REFRIGERATED,	EXISTING
15.	WARE WASHING STATION,	EXISTING
16.	DESK & CHAIR	BY THE OWNER
17.	STORAGE SHELVING	EXISTING
18.	HAND SINK	EXISTING

NOTE:
COORDINATE ELEC. SERVICE REQUIREMENTS WITH ELECTRICAL DRAWINGS.



ELECTRICAL ROUGH-IN
NOT TO SCALE

2929

PROJECT RECORD DRAWINGS
FROM INFORMATION SUPPLIED
BY DERLETH BUILDERS
DATE 1/6/86

McGLOTHLIN BALIVET CO.
ARCHITECTS & PLANNERS
600 CORDOVA SUITE SIX ANCHORAGE ALASKA 99501
(907) 279-7911/279-12

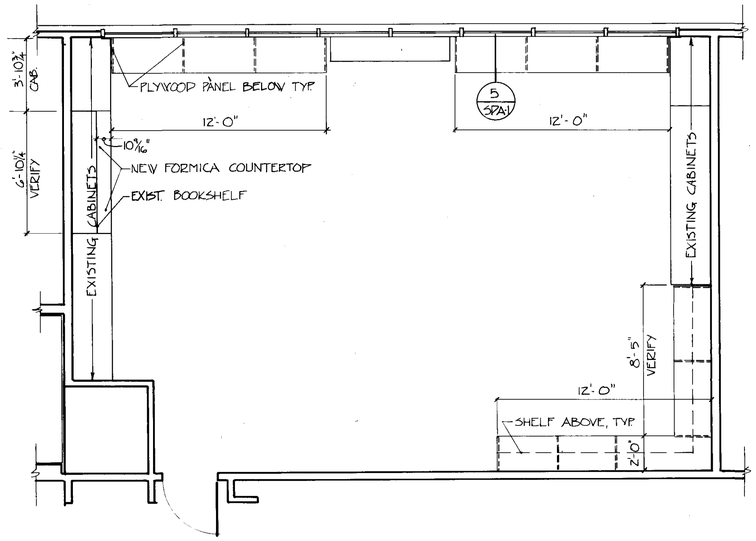
MODIFICATIONS TO
HOMER LOWER SCHOOL
AND MIDDLE SCHOOL

Kenai Peninsula Borough School District

Sheet Title
ENLARGED KITCHEN PLANS

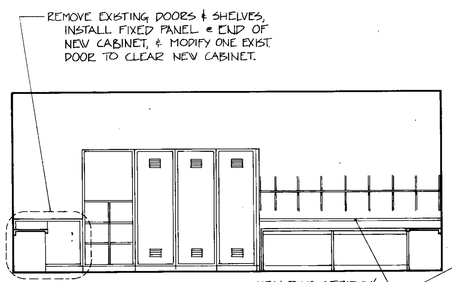
Drawn By:
Checked By:
Project No. 410
Date 5-3-85

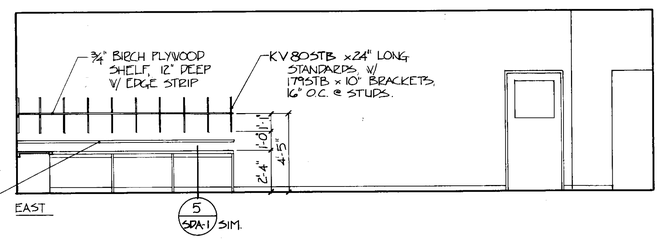
Sheet No.
F1

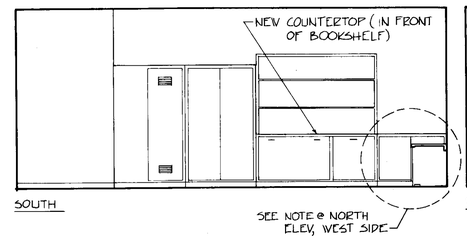


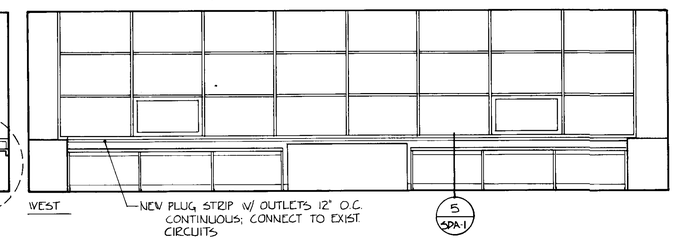
COMPUTER ROOM PLAN 2

¼" = 1'-0"







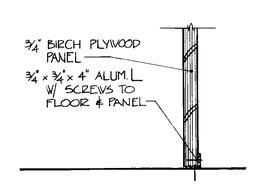


ELEVATIONS 3

¼" = 1'-0"

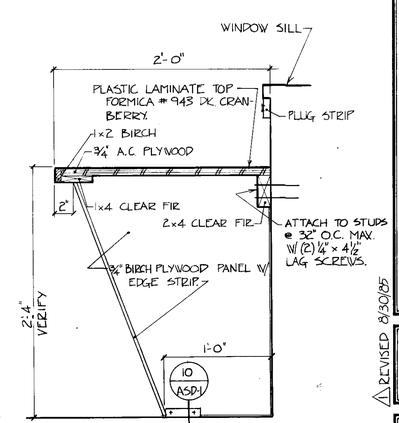
PROJECT RECORD DRAWINGS
FROM INFORMATION SUPPLIED
BY DERLETH BUILDERS
DATE 1/6/86

NOTE! PROVIDE NEW SWITCH @ EACH PLUG STRIP LOCATION FOR EACH CIRCUIT.



PANEL/FLOOR CONNECTION 10

3" = 1'-0"



COUNTER DETAIL 5

1½" = 1'-0"

McGLOTHLIN BALIVET CO.
ARCHITECTS & PLANNERS
600 CORDOVA SUITE SIX ANCHORAGE, ALASKA 99501

MODIFICATIONS TO HOMER LOWER SCHOOL AND MIDDLE SCHOOL

Kenai Peninsula Borough School District

Sheet Title
COMPUTER ROOM COUNTERS
2930

REVISED 8/30/85

Drawn By DCD
Checked By
Project No 410
Date 8/29/85

Sheet No
SDA-1

GENERAL NOTES

1. THIS PROJECT INCLUDES, BUT IS NOT LIMITED TO, REMOVAL AND REINSTALLATION OF SOME EXISTING MECHANICAL SYSTEMS. ALL DEMOLITION, PATCHING AND PAINTING NECESSARY TO ACCOMPLISH THIS SHALL BE INCLUDED. APPROXIMATE EXISTING MECHANICAL EQUIPMENT IS INDICATED ON THE DRAWINGS AND IS TO BE VERIFIED BY THE CONTRACTOR IN THE FIELD.

2. WHERE EXISTING CONDITIONS ARE SHOWN ON THE DRAWING, EVERY EFFORT HAS BEEN MADE TO MAKE THIS INFORMATION COMPLETE AND ACCURATE. HOWEVER, THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL EXISTING SITE CONDITIONS AND INFORMATION. IF, DURING CONSTRUCTION, THE EXISTING CONDITIONS WILL NOT ALLOW INSTALLATION AS DESCRIBED IN THE CONSTRUCTION DOCUMENTS, THE CONTRACTOR SHALL, WITHIN 3 WORKING DAYS, NOTIFY THE CONTRACTING OFFICER IN WRITING AND, WITHIN 10 WORKING DAYS, SUBMIT FOR APPROVAL SHOP DRAWINGS OF PROPOSED ALTERNATE METHODS OF INSTALLATION.

3. EQUIPMENT AND ITEMS TO BE REMOVED ARE INDICATED BY DASHED LINES. ALL CONNECTED PIPING, AND ASSOCIATED ACCESSORIES SHALL ALSO BE REMOVED. PATCH AND PAINT AS REQUIRED TO MATCH EXISTING CONDITIONS. COORDINATE WITH THE CONTRACTING OFFICER FOR DISPOSAL OF REMOVED ARTICLES.

4. ITEMS TO BE REVISED SHALL BE REFURBISHED BY REMOVING PAINT AND SCALE ON METAL ITEMS, DOWN TO BARE METAL. PRIME WITH ONE COAT OF RUST INHIBITOR AND PAINT WITH TWO COATS OF ENAMEL PAINT TO MATCH SURROUNDING ARCHITECTURAL FINISH. COORDINATE COLOR AND FINISH WITH ARCHITECT.

5. PROVIDE FOR 3/8" EXPANSION/CONTRACTION AT EACH HYDRONIC MAIN LOOP ELBOW AND AT EACH BRANCH TAKE-OFF.

6. UNLESS OTHERWISE NOTED, ALL HYDRONIC BRANCH TAKE-OFFS SHALL BE 3/4".

7. COORDINATE ALL NEW MECHANICAL WORK WITH ELECTRICAL CONTRACTOR.

LEGEND

SYMBOL	ABBR	DESCRIPTION
T	T'STAT	THERMOSTAT WALL MOUNTED, 5' UP
	E/A	EXHAUST AIR (UP)
		DUCT WITH INSULATION
	CW	COLD WATER SUPPLY & PIPE UP
	HW	HOT WATER SUPPLY & PIPE DOWN
HWS	HWS	HYDRONIC HOT WATER SUPPLY PIPE
HWR	HWR	HYDRONIC HOT WATER RETURN PIPE
		DIRECTION OF FLOW ARROW
		ISOLATION VALVE
		UNION
		PIPE ANCHOR
		PIPE SLEEVE OR GUIDE
1		SHEET NOTE REFERENCE
		EXISTING ITEMS TO BE REMOVED OR RELOCATED
		EXISTING ITEM (LIGHT LINE)
EF-1		EQUIPMENT DESIGNATION
CUV-1 / 250 / 2.1	EQUIP. CODE / GPM / MBH	CABINET UNIT VENTILATOR
		NEW ITEM (HEAVY LINE)
		BALANCE /SHUT-OFF VALVE
		CHECK VALVE
		THERMOMETER

EQUIPMENT LIST

CUV-1 VERTICAL UNIT VENTILATOR: BLOWTHROUGH, FC FAN, NOMINAL 750 CFM. 1/6 HP, 120 VAC, 1-PHASE, 2-SPEED MOTOR. PROVIDE: FILTER MIXING BOX COMPLETE WITH THROWAWAY FILTERS, RETURN AIR AND OUTSIDE AIR CONTROL DAMPERS, FACE AMD BY-PASS DAMPERS, INTEGRAL RETURN AND SUPPLY AIR BAR GRILLES, VIBRATION ISOLATION, & INTERNAL CASING LINING. OUTSIDE AIR DAMPER SHALL BE LOW LEAK TYPE. HEATING COIL CAPACITY AS INDICATED ON THE DRAWINGS BASED ON: 180 F EWT, 3' MAX. WPD AND 65 F EAT, 0.3" WG MAX. APD. TRANE TUV-A-07-V-H5-A-S-1-1-SN-1-4-G12 OR EQUAL.

CUV-2 SAME AS CUV-1 EXCEPT UNIT SIZE 10, NOMINAL 1,000 CFM.

CUV-3 SAME AS CUV-1 EXCEPT UNIT SIZE 12, NOMINAL 1,250 CFM, 1/4 HP.

CUV-4 VERTICAL UNIT VENTILATOR: BLOWTHROUGH, FC FAN, 1380 CFM. 1/4 HP, 120 VAC, 1-PHASE, 2-SPEED MOTOR. PROVIDE: FILTER MIXING BOX COMPLETE WITH THROWAWAY FILTERS, RETURN AIR AND OUTSIDE AIR CONTROL DAMPERS, FACE AMD BY-PASS DAMPERS, INTEGRAL RETURN AND SUPPLY AIR BAR GRILLES, 6" FALSE BACK, VIBRATION ISOLATION, & INTERNAL CASING LINING. OUTSIDE AIR DAMPER SHALL BE LOW LEAK TYPE. HEATING COIL: 44.5 MBH @ 2.5 GPM, 180 F EWT, 35 F WTD, 3' MAX WPD, AND 55 F EAT, 80 F LAT, 0.3" WG MAX APD. TRANE TUV-A-12-V-H5-A-S-1-1-T1-1-4-G12 OR EQUAL.

CUV-5 SAME AS CUV-1 WITH 6" FALSE BACK.

CF-1 CIRCULATING FAN: CEILING MOUNTED DESTRATIFICATION PROPELLER FAN, 23,000 CFM AT FULL SPEED, 50" BLADE DIAMETER, 120 VAC, WITH SOLID STATE U.L. APPROVED VARIABLE SPEED CONTROL PROVIDE MOUNTING HARDWARE, PROTECTIVE WIRE CAGE AND ACCESSORIES AS REQUIRED. LEADING EDGE AWESOME 60, OR EQUAL.

HCP-1 HOT WATER CIRCULATING PUMP: 1 GPM @ 9' TDH, STAINLESS STEEL CONSTRUCTION 1/20 HP, 115V, 60 HZ, 1 PH. GRUNDFOS UP 25-42 SF OR EQUAL.

HCP-2 SAME AS HCP-1 EXCEPT 4 GPM.

CP-1&2 HYDRONIC CIRCULATING PUMP: IN-LINE MULTI-SPEED CENTRIFUGAL PUMP, (2 REQ.) 40.2 GPM @ 42' TDH, STAINLESS STEEL CONSTRUCTION. MOTOR: 1-1/2 HP, 208 VAC, 3 PHASE. GRUNDFOS UPS 65-160 C (3 SPD) OR EQUAL. INSTALL WITH SPEED-2 PLUG.

CP-3 HYDRONIC CIRCULATING PUMP: IN-LINE MULTI-SPEED CENTRIFUGAL PUMP, 40 GPM @ 22' TDH, STAINLESS STEEL CONSTRUCTION. MOTOR: 3/4 HP, 208 VAC, 3 PHASE. GRUNDFOS UPS 50-160 C OR EQUAL. INSTALL WITH SPEED-2 PLUG.

EF-1 FAN MOTOR ONLY: 2-SPD 1H.P. 208 VAC 3 PHASE 1720 R.P.M. AND 860 R.P.M. PROVIDE 2-SPD MAGNETIC STARTER WITH OVERLOAD PROTECTION.

EF-2 EXHAUST FAN: CENTRIFUGAL FORWARD CURVED UTILITY SET. 240 CFM @ 0.25" S.P., 1024 R.P.M., 1/20 HP, 110 VAC, SINGLE PHASE. PACE U-6F OR EQUAL.

RG-1 ALUMINUM RETURN GRILLE. 45 DEGREE LOUVERS SPACED 3/4", FLANGED BORDER FOR T-BAR CEILING. TITUS CORE 3 OR EQUAL.

SCOPE OF WORK

THE FOLLOWING IS A VERY GENERAL LIST OF MAJOR SCOPE ITEMS IN THIS PROJECT FOR THE READER'S CONVENIENCE AND IS NOT NECESSARILY A COMPLETE LISTING:

MIDDLE SCHOOL:

1. REMOVAL AND REPLACEMENT OF HEATING PIPING SYSTEM (COORDINATED WITH THE ASBESTOS REMOVAL), INCLUDING PUMPS, VALVES, EXPANSION TANK AND ASSOCIATED PIPING.

2. REMOVAL AND REPLACEMENT OF THE CLASSROOM CABINET UNIT HEATERS.

3. REFURBISH THE EXISTING CONVECTIVE UNITS.

4. REPLACEMENT OF THE PNEUMATIC CONTROL SYSTEM WITH ELECTRIC/ELECTRONIC CONTROLS, INCLUDING ALL THERMOSTATS, CONTROL DAMPERS AND ACTUATORS. INTENT IN THE FUTURE IS TO COMBINE THE CONTROL SYSTEM INTO AN ENERGY MANAGEMENT CONTROL SYSTEM.

5. REMOVAL AND/OR MODIFICATION OF SOME PLUMBING FIXTURES AND PLUMBING SYSTEMS.

6. PROVIDE NEW INSULATION ON ALL EXISTING MECHANICAL EQUIPMENT WHERE ASBESTOS INSULATING MATERIALS HAVE BEEN REMOVED AS SPECIFIED ELSEWHERE IN THESE CONSTRUCTION DOCUMENTS.

7. CONTRACTOR SHALL CHECK CONDITION OF REMAINING EXISTING MECHANICAL EQUIPMENT NOTING SERVICEABILITY AND RECOMMEND IN WRITING TO OWNER'S REPRESENTATIVE IF REPLACEMENT IS NECESSARY.

8. MAKE MODIFICATIONS TO BUILDING'S EXISTING EXHAUST SYSTEM.

9. REMOVE EXISTING SHOP UNIT HEATERS AND REPLACE WITH UNIT VENTILATOR SYSTEM IN SHOPS.

10. REMOVE GREASE HOOD AND MAKE MODIFICATIONS TO KITCHEN EXHAUST SYSTEM.

11. REFURBISH CONTROLS SYSTEM FOR GYM HEAT AND VENT AND INSTALL CIRCULATION FANS.

PROJECT RECORD DRAWINGS
FROM INFORMATION SUPPLIED
BY DERLETH BUILDERS
DATE 1/6/86

LOWER SCHOOL:

1. PROVIDE NEW INSULATION ON ALL EXISTING MECHANICAL EQUIPMENT WHERE ASBESTOS INSULATING MATERIALS HAVE BEEN REMOVED AS SPECIFIED ELSEWHERE IN THESE CONSTRUCTION DOCUMENTS. AREAS INCLUDE BUT NOT LIMITED TO THE BOILER, BOILER STALK AND PIPING ADJACENT TO THE BOILER.

STATE OF ALASKA 49TH ALBERT L. BALLOT NO. 4383 REGISTERED PROFESSIONAL ENGINEER

McGLOTHLIN BALIVET CO.
ARCHITECTS & PLANNERS
600 COOK INLET A BLDG. SUITE 5A
ANCHORAGE, ALASKA 99501

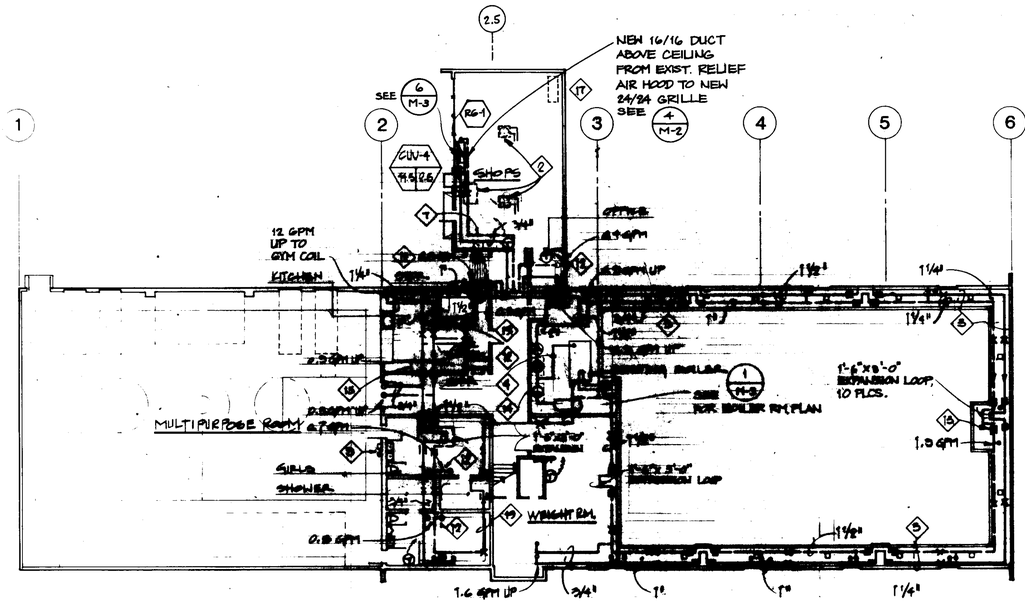
MODIFICATIONS TO
HOMER LOWER SCHOOL
AND MIDDLE SCHOOL

Kenai Peninsula Borough School District

Sheet Title
LEGEND, NOTES &
EQUIPMENT LIST

Drawn By NNO
Checked By REE
Project No 410
Date 5-3-85

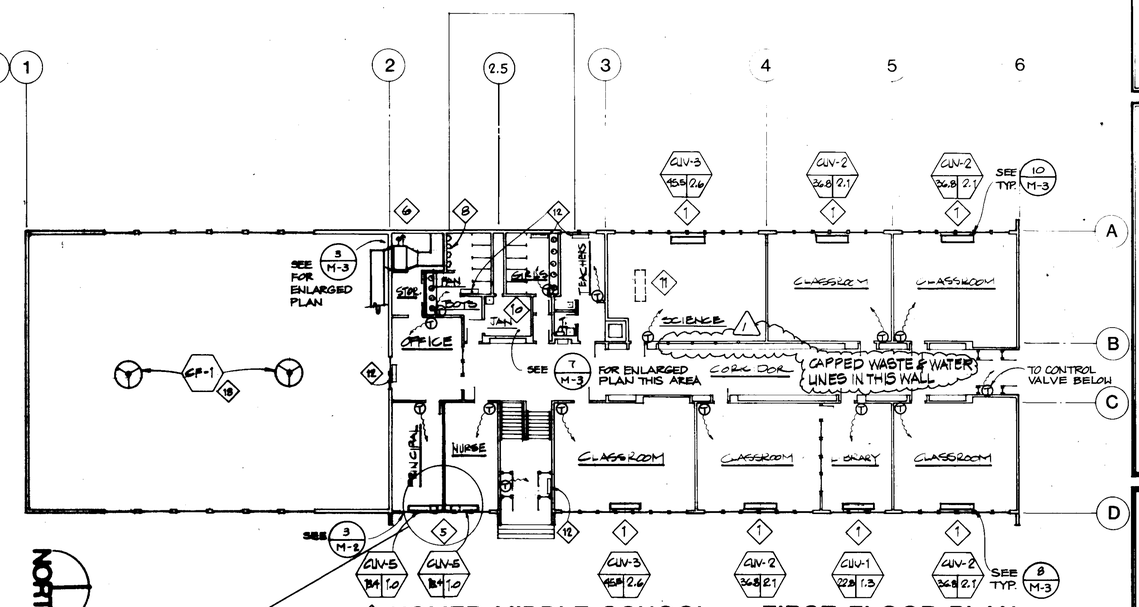
Sheet No
M1



HOMER MIDDLE SCHOOL • GROUND FLOOR PLAN

1/16" = 1'-0"

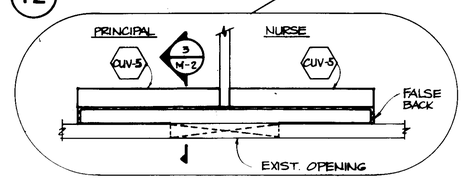
12



HOMER MIDDLE SCHOOL • FIRST FLOOR PLAN

1/16" = 1'-0"

2



SHEET NOTES

1 NIC

4. REMOVE EXISTING CABINET UNIT VENTILATOR AND REPLACE WITH NEW CABINET UNIT VENTILATOR.

8. REMOVE EXISTING UNIT HEATERS MOUNTED AT CEILING AND REPLACE WITH NEW CABINET UNIT VENTILATOR (CUV-4) ON OUTSIDE WALL AS SHOWN. PROVIDE NEW HOODED RELIEF AIR OPENING WITH BACKDRAFT DAMPER AT EXISTING WINDOW OPENING TO HORIZONTAL UNIT HEATER.

1 NIC

2. REMOVE EXISTING STEAM/HOT WATER HEATING PIPING RUNNING IN UTILIDOR AND REPLACE WITH NEW INSULATED COPPER HEATING PIPE AS SHOWN.

4. REMOVE EXISTING HEATING CIRCULATING PUMPS, EXPANSION TANK AND ASSOCIATED PIPING IN EXISTING BOILER ROOM. SEE 1/M-3. COORDINATE WITH ASSOCIATED REMOVAL.

8. REMOVE EXISTING CABINET UNIT VENTILATOR, EXTEND O/A PLENUM IN WALL TO PROVIDE O/A TO TWO NEW CABINET UNIT VENTILATORS.

4. RENOVATE EXISTING GYM HEAT AND VENTILATION SYSTEM (SEE DETAILS 3 THROUGH 5/M-2).

A. REPLACE ALL DAMPERS, CONTROLS AND LINKAGES.
B. REPLACE ALL FAN BEARINGS ON SUPPLY AND RETURN FANS.
C. BALANCE BOTH FANS TO MANUFACTURERS STANDARDS.
D. REPLACE ALL FLEXIBLE DUCT CONNECTIONS.
E. PROVIDE NEW SMOKE DETECTOR SYSTEM CONFORMING TO UMC 1009.
F. REPLACE COIL CONTROL VALVE AND CONTROLS. SEE 5/M-3.
G. PROVIDE FILTER DIFFERENTIAL PRESSURE GAUGE (0 TO 1.0" WG). GAUGE SENSOR TUBE ENDS TO NOT BE SENSITIVE TO VELOCITY PRESSURE.

7. REMOVE SINK, WATER, VENT AND WASTE PIPING, CAP PIPE CONNECTIONS FLUSH AND PREPARE FOR ARCHITECTURAL FINISH. REMOVE THERMOSTAT AND PNEUMATIC CONTROLS LOCATED ABOVE SINK.

8. LOWER MIDDLE TWO URINALS AND FLUSH VALVES IN BOYS' TOILET. SEE ARCHITECTURAL 18/A-2. RECONNECT TO EXISTING WATER AND WASTE PIPING IN A SIMILAR MANNER. SECURELY RECONNECT CARRIER TO STRUCTURE IN NEW LOCATION.

9. REMOVE EXISTING DRINKING FOUNTAIN AND CUSPIDOR IN GYM. REMOVE AND CAP WATER AND WASTE PIPING.

1 NIC

10. RENOVATE EXISTING CLASSROOM EXHAUST FAN WITH NEW TWO-SPEED MOTOR AND CONTROLS. SEE 7/M-3.

11. REMOVE INSTRUCTOR'S CASEWORK WITH SINK AND GAS. REMOVE AND CAP WATER, WASTE AND GAS PIPING BELOW FLOOR.

12. RENOVATE EXISTING CONNECTIVE UNITS. PROVIDE NEW 2 WAY HEATING CONTROL VALVE, THERMOSTAT AND CONNECTIONS. BALANCE TO FLOW SHOWN ON DRAWINGS. PIPE SIMILAR TO 9/M-3.

13. EXISTING UNDERFLOOR VESTIBULE HEATING ELEMENTS WITHOUT ENCLOSURE. RECONDITION AS IN NOTE 10.

1 NIC

14. REMOVE CONTROLS AIR COMPRESSOR AND AIR DRYER.

15. REMOVE EXISTING STAINLESS STEEL 8' X 1.5' KITCHEN RANGE HOOD AND STAINLESS STEEL SHEET METAL BACKING. DISCONNECT 24/10 DUCT ABOVE CEILING AND CAP CONNECTION TO EXISTING 26/10 EXHAUST DUCT.

16. REMOVE ALL EXISTING PNEUMATIC ROOM THERMOSTATS AND REPLACE WITH NEW ELECTRIC THERMOSTATS AS SHOWN. RUN THERMOSTAT CONTROL WIRING ABOVE LAY IN CEILING WHERE POSSIBLE IN CLASSROOM AREAS AND IN SMALL WIRE MOLD EXPOSED ON WALLS AND WINDOW MULLIONS, PAINT TO MATCH. THERMOSTATS SHALL BE RECESSED IN VESTIBULE AREAS.

17. REMOVE TWO FANS, HOOD, DUCTWORK AND PENETRATIONS, PATCH AND PAINT TO MATCH. COORDINATE WITH ARCHITECTURAL.

18. SECURELY MOUNT TO CEILING STRUCTURE IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS. LOCATE VARIABLE SPEED CONTROLS IN SCHOOL OFFICE.

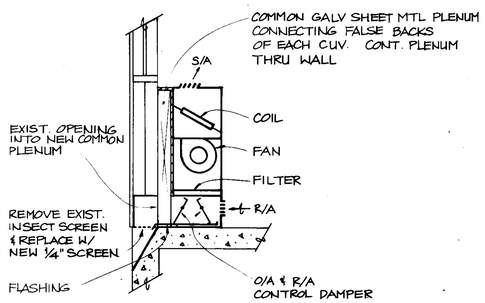
1 NIC

19. HEATING PIPE ROUTED IN CEILING SPACE. REQUIRES REMOVAL AND REPLACEMENT OF SOME CEILING SYSTEMS; VERIFY.

1. REMOVED GREASE HOOD & BACKSPLASH FROM BOTTOM OF EXISTING STAINLESS STEEL PLENUM & SEALED RESULTANT OPENING.

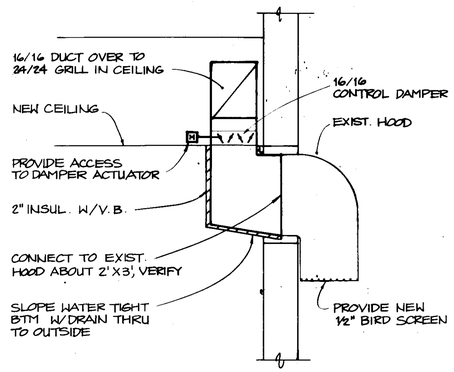
2932

PROJECT RECORD DRAWINGS FROM INFORMATION SUPPLIED BY DERLETH BUILDERS
DATE 11/6/86



3/M-2 CUV -5 DETAIL

N.T.S.



NOTE:
COORDINATE W/LIGHTING & ARCHITECTURAL.

4/M-2 SHOP RELIEF AIR DETAIL

N.T.S.

McGLOTHLIN BALIVET ARCHITECTS

MODIFICATIONS TO HOMER LOWER SCHOOL AND MIDDLE SCHOOL

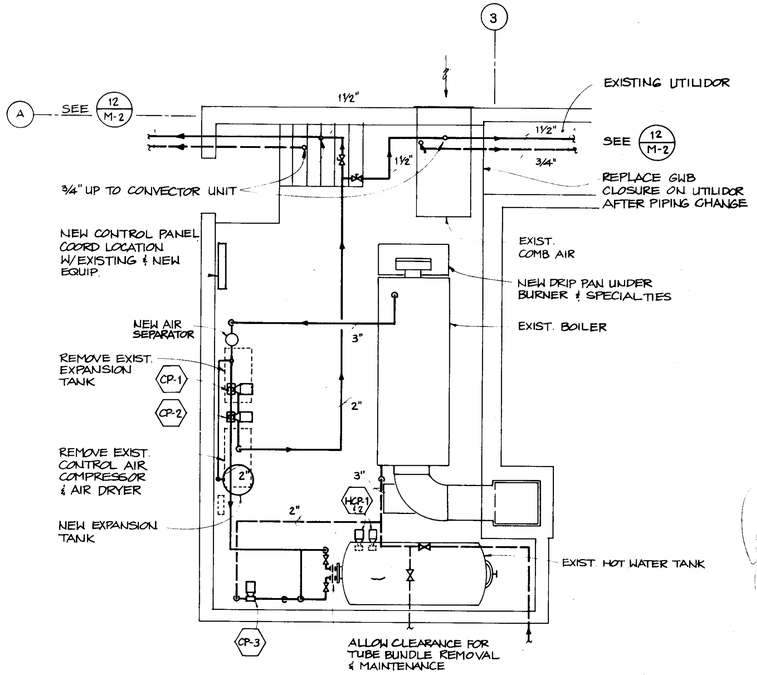
Kenai Peninsula Borough School District

RECORD INFO. PROVIDED BY CONTRACTOR

HEATING PLAN - GROUND FLOOR & FIRST FLOOR

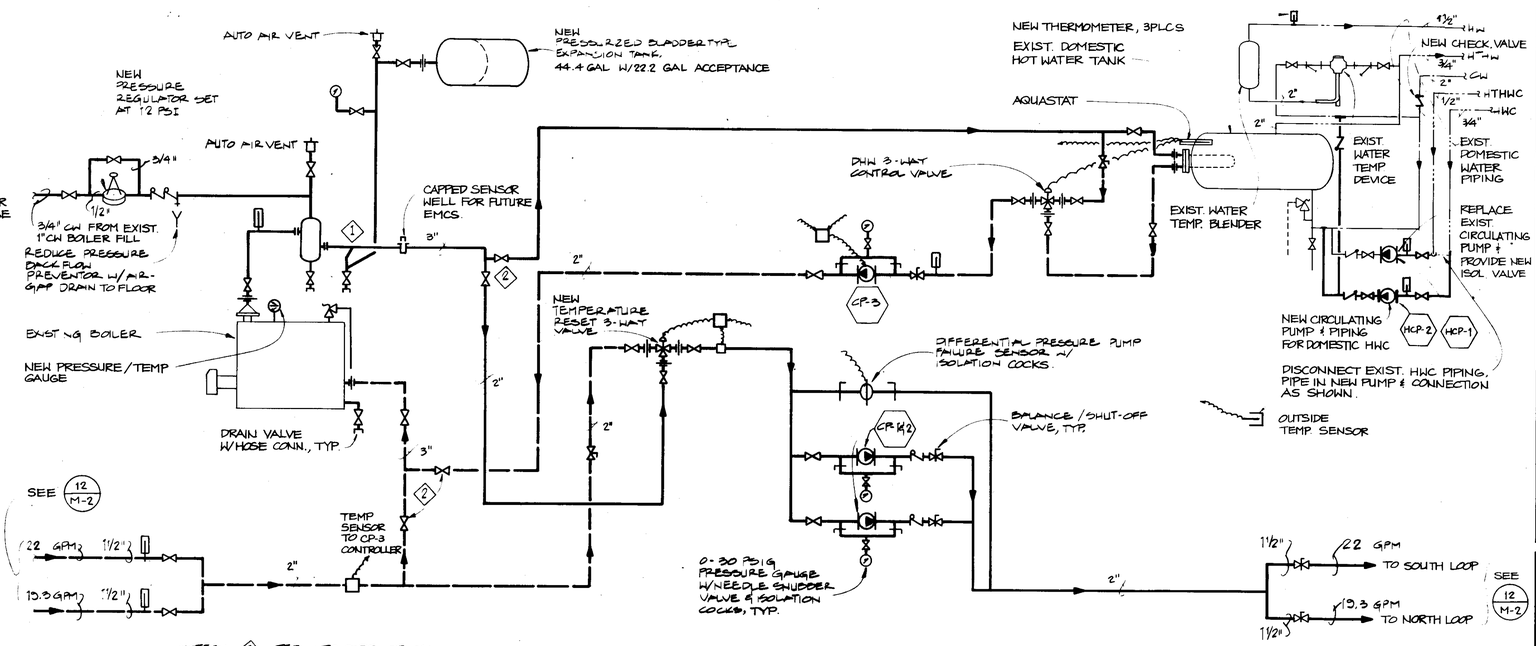
NNO
REE
4-C
5-3-85

M2



BOILER ROOM PLAN

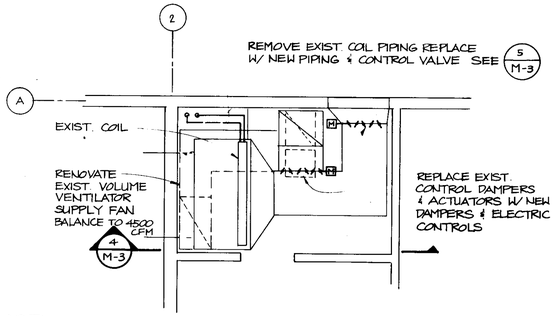
1/M-3 — 1/4":1'-0"



NOTES:
1. TEE INTO SIDE OF MAIN
2. PROVIDE ISOLATION VALVES IF MORE THAN 8' TO AN ISOLATION VALVE AT AN EQUIPMENT CONNECTION.
3. PROVIDE AUTO AIR VENTS W/ ISOLATION VALVES AT SYSTEM HIGH POINTS.
4. PETCOCKS ON ALL CIRCULATING PUMPS FOR BLEEDING.
5. VERIFY SIZES OF EXISTING EQUPMENT & PIPING.

HEATING DIAGRAM

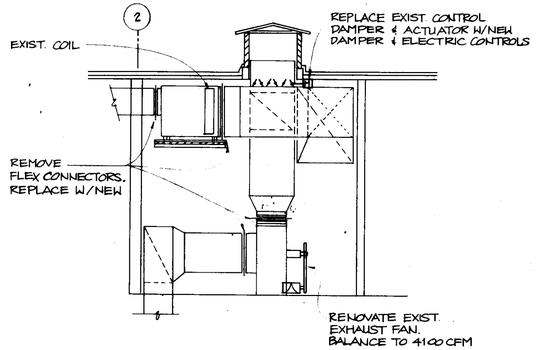
2/M-3 — N.T.S.



NOTE: PROVIDE NEW VIBRATION ISOLATORS ON SUPPLY & RETURN FANS AS REQUIRED.

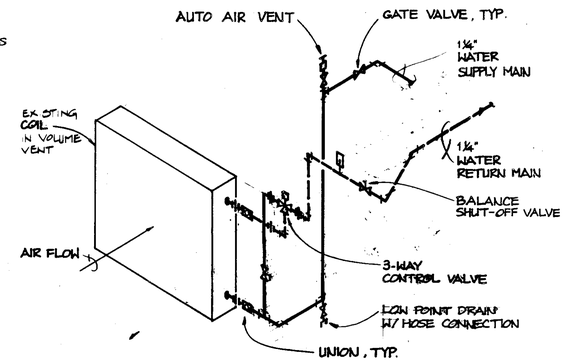
GYM VENT ROOM PLAN

3/M-3 — 1/4":1'-0"



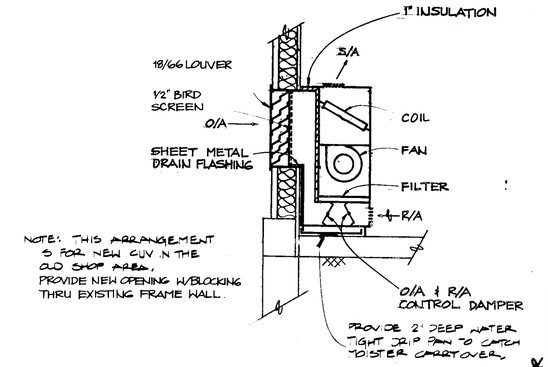
GYM VENT ROOM SECTION

4/M-3 — 1/4":1'-0"



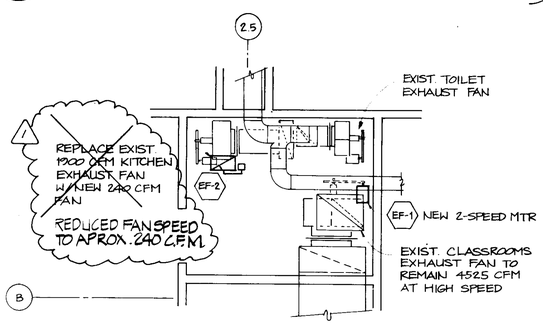
GYM COIL PIPING DETAIL

5/M-3 — N.T.S.



CUV-4 DETAIL

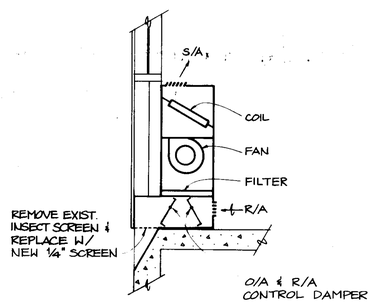
6/M-3 — N.T.S.



NOTE: REPLACE FANS FLEX CONNECTIONS, FOR ALL FAN CONNECTIONS THIS AREA.

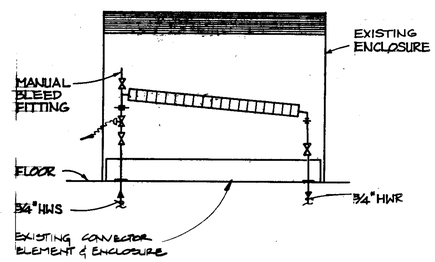
FAN ROOM PLAN

7/M-3 — 1/4":1'-0"



CUV – 1,2,3 DETAIL

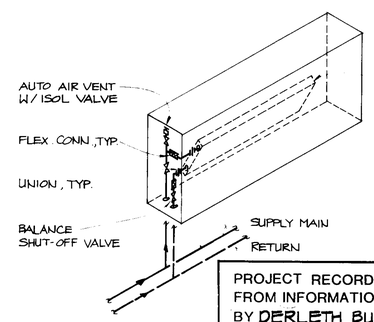
8/M-3 — N.T.S.



NOTE: COORDINATE TO ENSURE ALL SPECIALTIES SELECTED WILL FIT W/N ENCLOSURE WITHOUT MODIFICTION.

CONVECTOR PIPING

9/M-3 — N.T.S.



2933

PROJECT RECORD DRAWINGS FROM INFORMATION SUPPLIED BY DERLETH BUILDERS
DATE 1/6/86

CUV PIPING DETAIL

10/M-3 — N.T.S.

△ RECORD INFO. PROVIDED BY CONTRACTOR

STATE OF ALASKA — 49TH — R. E. ELLIOTT — NO. 4288 — REGISTERED PROFESSIONAL ENGINEER

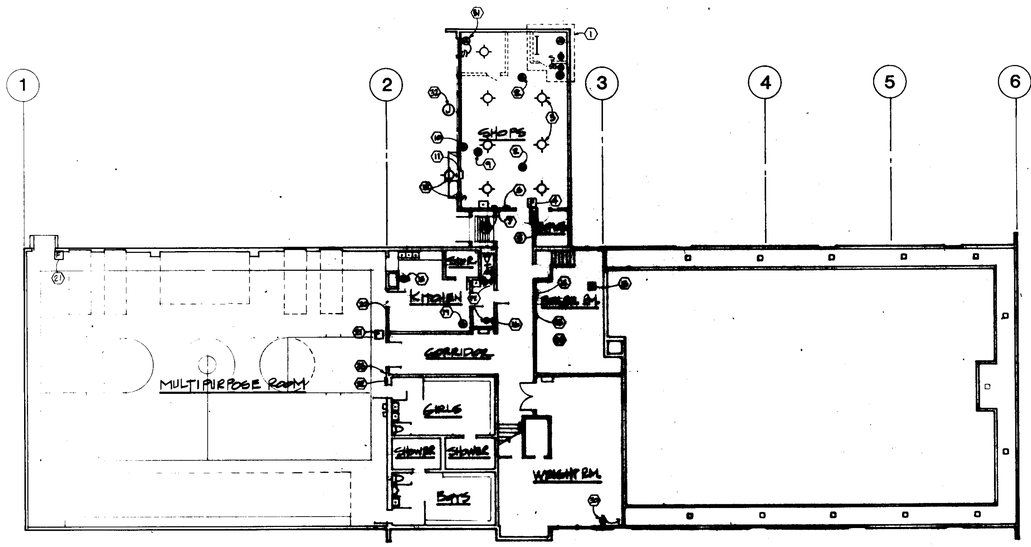
McGLOTHLIN BALIVET CO.
ARCHITECTS & PLANNERS
600 CORDOVA SUITE SIX · ANCHORAGE, ALASKA 99501

MODIFICATIONS TO HOMER LOWER SCHOOL AND MIDDLE SCHOOL
Kenai Peninsula Borough School District

Sheet Title: ENLARGED PLANS, SECTIONS & DETAILS

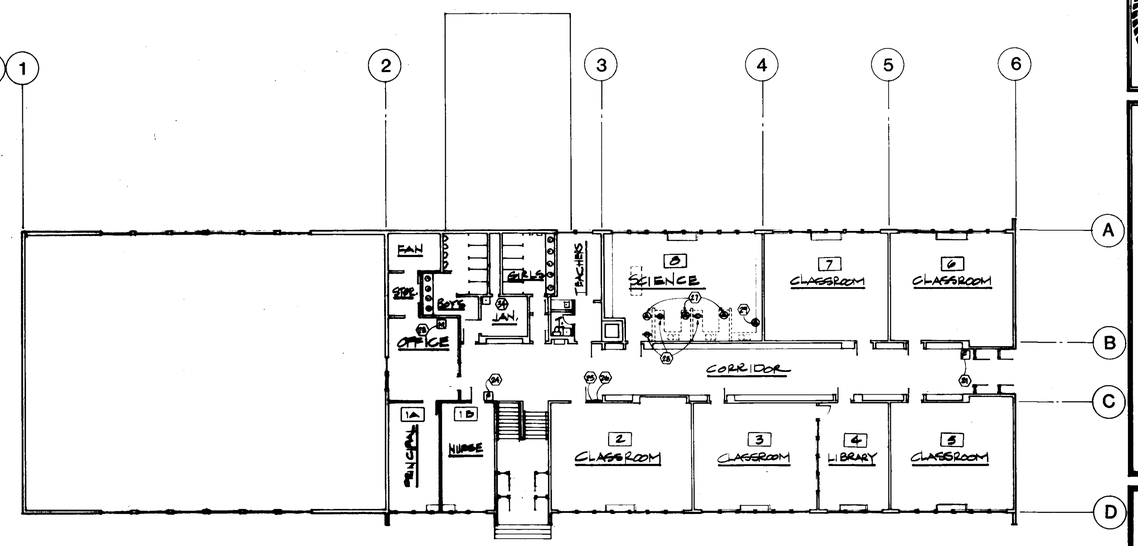
Drawn By: NNO
Checked By: REE
Project No: 415
Date: 5-3-85

Sheet No: M3



HOMER MIDDLE SCHOOL • GROUND FLOOR PLAN (12)

1/16" = 1'-0"



HOMER MIDDLE SCHOOL • FIRST FLOOR PLAN (2)

1/16" = 1'-0"

DEMOLITION NOTES

1. REFERENCE ARCHITECTURAL FOR PARTITION REMOVAL. REMOVE ALL ELECTRICAL MOUNTED ON PARTITIONS TO BE REMOVED AND SHOWN, INCLUDING ONE FLUORESCENT FIXTURE, TWO EXHAUST FANS, THREE SWITCHES, TWO RECEPTACLE OUTLETS, AND RELATED RACEWAY AND CONDUCTORS. RETAIN LIGHTING SYSTEM JUNCTION BOX AT CEILING FOR USE WITH REPLACEMENT LAY-IN TROFFERS.

2. REMOVE ELECTRICAL CONNECTIONS TO UNIT HEATERS. RETAIN RACEWAY AND HOME RUN TO PANEL 'BP' FOR REUSE WITH NEW HEATING EQUIPMENT.

3. REMOVE SEVEN INCANDESCENT LIGHTING FIXTURES. RETAIN RACEWAY, TWO LIGHTING CONTROL SWITCHES AT EAST DOOR, AND HOME RUN TO PANEL 'A' FOR REUSE WITH REPLACEMENT LAY-IN TROFFERS.

4. REMOVE FIRE ALARM PULL STATION AND HORN. RETAIN RACEWAY HOME RUN TO BOILER ROOM FIRE ALARM PANEL LOCATION FOR REUSE.

5. REMOVE PANEL 'SP' EMERGENCY SHUTDOWN CONTROL SWITCH AND CONDUCTORS.

6. REMOVE PANEL 'SP'. REMOVE ALL FEEDER AND BRANCH CIRCUIT CONDUCTORS. REMOVE PANEL ENCLOSURE AND ALL RACEWAY PROTRUDING BEYOND THE PLANE OF THE WALL. ABANDON ALL RACEWAY INSIDE THE WALL WHICH IS NOT REUSEABLE.

7. REMOVE ALL ELECTRICAL CONNECTIONS TO MECHANICAL CONTROLS. RETAIN RACEWAY AS REQUIRED FOR REUSE WITH NEW HEATING EQUIPMENT. COORDINATE WITH MECHANICAL FOR REUSE REQUIREMENTS.

8. REMOVE SURFACE-MOUNTED PANELBOARD AND ALL RELATED RACEWAY AND CONDUCTORS.

9. REMOVE ELECTRICAL CONNECTIONS TO EXHUAST FAN. REMOVE ALL RELATED RACEWAY AND CONDUCTORS.

10. REMOVE THREE-PHASE, FOUR-WIRE PLUG-IN BUSWAY AND ACCESSORIES. REMOVE FEEDER CONDUCTORS TO PANEL 'SP'. CUT FEEDER RACEWAY SMOOTH AND FLUSH WITH FLOOR AND PLUG WITH GROUT.

11. REMOVE SURFACE-MOUNTED EXIT SIGN AND SURFACE RACEWAY TO EXTERIOR LIGHTING CONTROL SWITCH AT EAST SIDE OF EXTERIOR DOOR.

12. REMOVE EXTERIOR LIGHTING FIXTURE, RELATED CONTROL SWITCH AND HOME RUN TO PANEL 'SP'. RETAIN RACEWAY AND CONDUCTOR AS REQUIRED FOR INSTALLATION OF NEW LIGHTING FIXTURE AND RECONNECTION TO ROOM LIGHTING BRANCH CIRCUIT.

13. LOCATION OF BUILDING MAIN ELECTRICAL DISTRIBUTION BOARD. REMOVE 100-AMPERE FEEDER TO PANEL 'SP'. RETAIN 100-AMPERE FEEDER CIRCUIT BREAKER AND MARK AS 'SPARE'.

14. LOCATION OF TWO-SECTION PANEL 'BP'. REMOVE EXISTING PANEL INTERIORS, DEAD FRONTS, AND COVERS. RETAIN ALL BRANCH CIRCIT AND FEEDER CONDUCTORS NOT REQUIRED TO BE REMOVED ELSEWHERE IN THIS WORK.

15. LOCATION OF FIRE ALARM CONTROL PANEL. REMOVE PANEL AND CONTROLS. RETAIN RACEWAY AS REQUIRED FOR INSTALLATION OF NEW CIRCUITING AND EQUIPMENT.

16. LOCATION OF PANEL 'A'. REMOVE EXISTING PANEL INTERIOR, DEAD FRONT, AND COVER. RETAIN ALL BRANCH CIRCUIT CONDUCTORS NOT REQUIRED TO BE REMOVED ELSEWHERE IN THIS WORK.

17. REMOVE SURFACE MOUNTED PANELBOARD AND ALL RELATED SURFACE-MOUNTED RACEWAY AND DEVICES, INCLUDING RECEPTACLE OUTLETS LOCATED AT THE PANEL LOCATION AND THE RECEPTACLE OUTLET LOCATED ABOVE THE REFRIGERATOR.

18. REMOVE SURFACE-MOUNTED RECEPTACLE OUTLET AND RELATED RACEWAY AND CONDUCTORS TO PANELBOARD REMOVED IN 17, ABOVE.

19. REMOVE CONNECTION TO CONVECTION OVEN AND RELATED RACEWAY AND CONDUCTORS TO PANELBOARD REMOVED IN 17, ABOVE.

20. RELOCATE CONCEALED RACEWAYS AND CONDUCTORS AS NECESSARY TO ALLOW INSTALLATION OF DOORWAY. PROVIDE ADDITIONAL CONDUCTOR AND RACEWAY AS REQUIRED TO MAINTAIN CONTINUITY OF CIRCUITS RELOCATED.

21. REMOVE FIRE ALARM MANUAL PULL STATION AND ALARM HORN. RETAIN RACEWAY AND CONDUCTORS AS REQUIRED FOR FIRE ALARM SYSTEM REHABILITATION.

22. LOCATION OF PANEL'B'. REMOVE EXISTING PANEL INTERIOR, DEAD FRONTS, AND COVER. RETAIN ALL BRANCH CIRCUIT AND FEEDER CONDUCTORS NOT REQUIRED TO BE REMOVED ELSEWHERE IN THIS WORK.

23. REMOVE FIRE ALARM MANUAL PULL STATION. RETAIN RACEWAY AND CONDUCTORS AS REQUIRED FOR FIRE ALARM SYSTEM REHABILITATION.

24. REMOVE FIRE ALARM MANUAL PULL STATION, ALARM HORN, SURFACE RACEWAY, AND CONDUCTORS.

25. LOCATION OF PANEL 'X'. REMOVE EXISTING PANEL INTERIOR, DEAD FRONT, AND COVER. RETAIN ALL BRANCH CIRCUIT AND FEEDER CONDUCTORS NOT REQUIRED TO BE REMOVED ELSEWHERE IN THIS WORK.

16. LOCATION OF PANEL '1A'. REMOVE EXISTING PANEL INTERIOR, DEAD FRONT, AND COVER. RETAIN ALL BRANCH CIRCUIT AND FEEDER CONDUCTORS NOT REQUIRED TO BE REMOVED ELSEWHERE IN THIS WORK.

17. REMOVE RANGE OUTLETS AND CONDUCTORS TO PANEL 'BP'. REMOVE RACEWAY FLUSH TO WALL OR FLOOR. PROVIDE FLUSH CUT-OFF AS REQUIRED TO ALLOW NEW SURFACE FINISH.

28. REMOVE DUPLEX RECEPTACLE OUTLETS, RACEWAY AND CONDUCTOR. PROVIDE RACEWAY AND CONDUCTOR AS REQUIRED TO MAINTAIN CONTINUITY OF CIRCUITS INTERRUPTED BY THESE REMOVALS.

19. REMOVE RANGE OUTLET AND CONDUCTORS TO PANEL 'BP'.

30. REMOVE SURFACE-MOUNTED DUPLEX RECEPTACLE AND SURFACE-MOUNTED RACEWAY AS REQUIRED TO ALLOW INSTALLATION OF MULTIPLE OUTLET ASSEMBLY.

31. REMOVE EXHAUST FAN, SURFACE-MOUNTED CONTROL SWITCH, AND RELATED RACEWAY AND CONDUCTOR. RETAIN RACEWAY AND CONDUCTORS ONLY AS REQUIRED FOR REUSE IN OTHER PARTS OF THIS WORK.

32. REMOVE SURFACE-MOUNTED JUNCTION BOX AND CONNECTION TO BUSWAY REMOVED IN ITEM 10, ABOVE. REMOVE CONDUCTORS TO ADJACENT SHED AND REMOVE RACEWAY TO GROUND LEVEL.

33. LOCATION OF TWO LIGHTING CONTROL SWITCHES. REMOVE UPPER CONTROL SWITCH AND RELATED CONDUCTORS TO PANEC 'B'. RETAIN RACEWAY AND OUTLET BOX FOR REUSE WITH NEW CEILING FAN CONTROLS.

34. COORDINATE WITH MECHANICAL FOR ELECTRICAL WORK REQUIRED FOR REMOVAL OF MECHANICAL EQUIPMENT IN BOILER ROOM AND FAN ROOM ABOVE JANITOR'S CLOSET.

CONSTRUCTION NOTES (CONTINUED FROM SHEET E2)

28. PROVIDE NEW WIREMOLD MULTIPLE OUTLET ASSEMBLY MOUNTED AT +40" AT EAST WALL AS SHOWN. PROVIDE CONNECTION TO EXISTING CIRCUIT THAT SERVED RECEPTACLE OUTLET REMOVED FROM THIS WALL.

29. EXISTING MASTER CLOCK. PROVIDE BRANCH CIRCUIT CONNECTION FROM BRANCH CIRCUIT SERVING CLOCK TO NEW FIRE ALARM CONTROL PANEL PROVIDED UNDER ITEM 18. IF POSSIBLE, PROVIDE THIS CIRCUIT CONCEALED IN EXISTING WALL BY FISHING NEW RACEWAY TO THE FIRE ALARM PANEL LOCATION FROM THE OFFICE CEILING SPACE.

30. COORDINATE WITH MECHANICAL FOR CONNECTION OF REPLACEMENT FAN EF-2 TO EXISTING BRANCH CIRCUIT FEEDING ORIGINAL EF-2. PROVIDE OVERLOADS AS REQUIRED TO COORDINATE WITH NEW EF-2 MOTOR LOAD REQUIREMENTS. COORDINATE WITH MECHANICAL FOR REPLACEMENT OF EF-1 FAN MOTOR WITH NEW TWO-SPEED MOTOR AND NEW TWO-SPEED COMBINATION CONTROLLER. PROVIDE CONNECTION OF NEW MOTOR AND CONTROLLER TO BRANCH CIRCUIT FEEDING ORIGINAL EF-1. ASSURE THAT OVERLOADS IN NEW TWO-SPEED CONTROLLER ARE MATCHED TO MOTOR REQUIREMENTS.

31. COORDINATE WITH MECHANICAL TO PROVIDE CONNECTION OF NEW CABINET UNIT HEATERS TO BRANCH CIRCUITS SUPPLYING ORIGINAL CABINET UNIT HEATERS. PROVIDE DISCONNECTING SWITCH IF NONE IS FURNISHED WITH NEW UNIT.

32. PROVIDE ELECTRICAL CONNECTION AND #12AWG BRANCH CIRCUITING AS SHOWN TO NEW CIRCULATING FANS AT GYMNASIUM CEILING. PROVIDE CONCEALED RACEWAY IN AS MUCH AS POSSIBLE TO CONTROLLER LOCATION AT GYMNASIUM WALL ADJACENT TO PANEL 'B'.

33. PROVIDE NEW ADDITIONAL SINGLE-GANG BOX AND HOMERUN TO PANEL 'B' AS REQUIRED FOR NEW CEILING CIRCULATING FANS PROVIDED IN ITEM 32. INSTALL FAN CONTROLLERS FURNISHED BY MECHANICAL. TERMINATE HOMERUN AT PANEL 'B' PER SCHEDULE. SEE DEMOLITION ITEM 33.

34. PROVIDE BRANCH CIRCUIT CONNECTION TO NEW CABINET UNIT HEATER FROM EXISTING BRANCH CIRCUIT FORMERLY SUPPLYING CEILING UNIT HEATERS. PROVIDE DISCONNECTING SWITCH IN UNIT HEATER IF NONE IS FURNISHED WITH NEW UNIT.

35. PROVIDE DISCONNECTING SWITCHES AND CONNECTIONS TO NEW CIRCULATING PUMPS HWCP-1 AND HWCP-2. PROVIDE ¾"C WITH 2-#12AWG HOME RUN TO PANEL 'BP' WITH CONNECTION AT PANEL PER SCHEDULE.

36. PROVIDE MANUAL MOTOR STARTER AND CONNECTION TO NEW CIRCULATING PUMP CP-3. PROVIDE ¾"C WITH 3-#12AWG HOMERUN TO PANEL 'BP' WITH CONNECTION AT PANEL PER SCHEDULE.

37. PROVIDE COMBINATION STARTERS AND CONNECTIONS TO NEW CIRCULATING PUMPS CP-1 AND CP-2. PROVIDE ¾"C WITH 3-#12AWG HOMERUN TO PANEL 'BP' WITH CONNECTION AT PANEL PER SCHEDULE.

38. PROVIDE ¾"C WITH 2-#12AWG BRANCH CIRCUIT EXTENSION TO PROVIDE POWER FOR DOOR RELEASE MECHANISMS. COORDINATE WITH DOOR HARDWARE SCHEDULE AND SUPPLIER FOR CONNECTION REQUIREMENTS.

2934

PROJECT RECORD DRAWINGS
FROM INFORMATION SUPPLIED
BY DERLETH BUILDERS
DATE 1/6/86

STATE OF ALASKA — 8910 — EE-4117

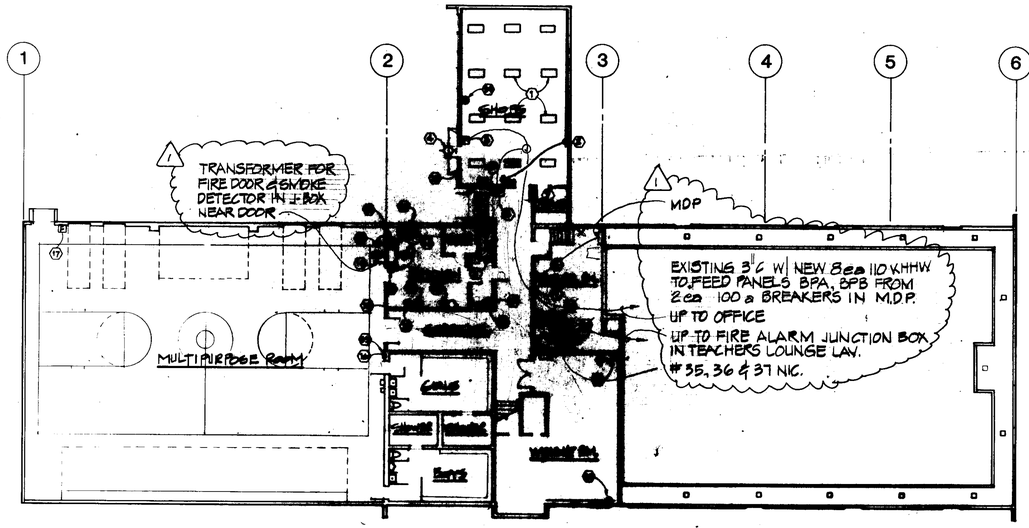
McGLOTHLIN BALIVET CO.
ARCHITECTS & PLANNERS

MODIFICATIONS TO
HOMER LOWER SCHOOL
AND MIDDLE SCHOOL
Kenai Peninsula Borough School District

Sheet Title
ELECTRICAL
DEMOLITION PLANS

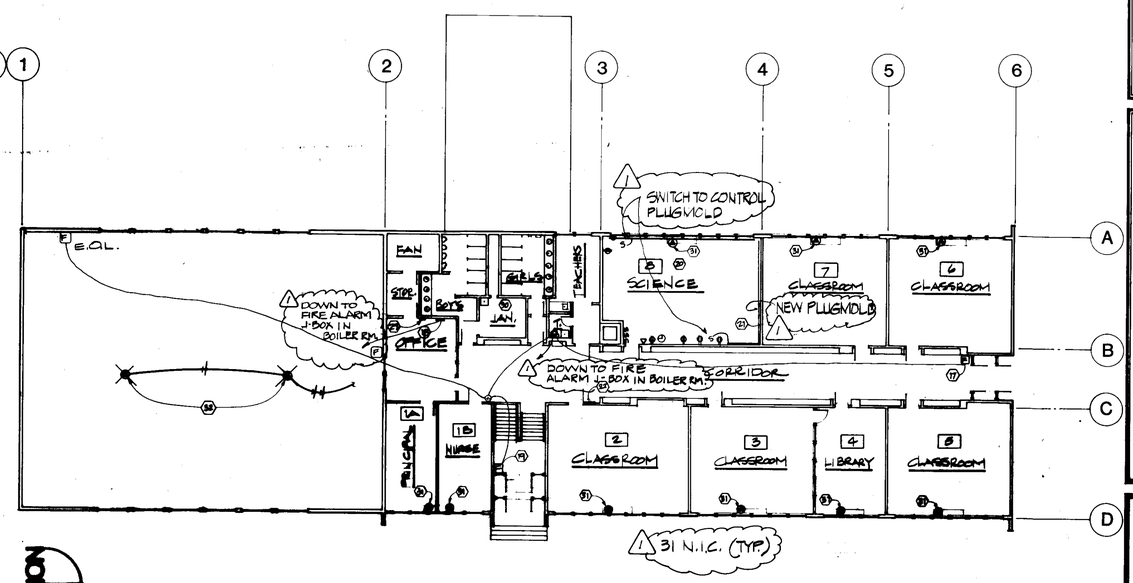
Drawn By L. JOULFFE
Checked By R. McDOWELL P.E.
Project No. 410
Date 5-3-85

Sheet No.
E1



HOMER MIDDLE SCHOOL • GROUND FLOOR PLAN (12)

1/16"=1'-0"



HOMER MIDDLE SCHOOL • FIRST FLOOR PLAN (2)

1/16"=1'-0"

PROJECT RECORD DRAWINGS FROM INFORMATION SUPPLIED BY DURLETH BUILDERS
DATE 1/6/86

CONSTRUCTION NOTES

1. PROVIDE NEW LAY-IN FLUORESCENT FIXTURES WITH CONNECTION TO EXISTING JUNCTION BOXES AT CEILING. CONNECT FOR SWITCHING OF EAST HALF OF ROOM SEPERATELY FROM WEST HALF OF ROOM. USE EXISTING LIGHTING CONTROL SWITCHES AT EAST DOOR.

2. PROVIDE NEW PLUGMOLD MULTI-OUTLET ASSEMBLY WITH CONNECTION TO EXISTING OUTLET BOX LOCATED AT APPROXIMATELY +44". PROVIDE BRANCH CIRCUIT CONNECTION VIA EXISTING CONCEALED RACEWAY TO RECEPTACLE OUTLET AT EAST WALL. PROVIDE NEW RACEWAY AND CONDUCTORS TO SWITCH OUTLET BOX AT SOUTH DOOR. PROVIDE NEW LIGHTING CIRCUIT HOME RUN CONDUCTORS AND NEW OUTLET CIRCUIT HOME RUN CONDUCTORS. CONNECT TO PANEL 'A' CIRCUITS PER PANEL SCHEDULE.

3. PROVIDE NEW FIRE ALARM MANUAL PULL STATION AND ALARM STROBE/HORN. PROVIDE CONCEALED RACEWAY AND CONDUCTORS TO CEILING SPACE AND THENCE SURFACE-MOUNTED TO THE LOCATION OF THE FIRE ALARM DEVICES REMOVED FROM THE EAST WALL. PROVIDE CONCEALED RACEWAY ACCESS TO THE EXISTING RACEWAY THAT SERVED THE REMOVED DEVICES. PROVIDE CONDUCTOR AND CONNECTIONS AS REQUIRED FOR REHABILITATED FIRE ALARM SYSTEM.

4. PROVIDE NEW EXTERIOR LIGHTING FIXTURE. PROVIDE RACEWAY, AND CONDUCTORS AS REQUIRED TO ALLOW CONNECTION OF THIS FIXTURE TO A HOT LEG OF THE CLASSROOM LIGHTING CIRCUIT AS INDICATED BY THE PANEL SCHEDULE.

5. PROVIDE NEW FIRE ALARM MANUAL PULL STATION AND ALARM STROBE/HORN. PROVIDE, CONCEALED RACEWAY AND CONDUCTORS TO THE CEILING SPACE OF ADJACENT REMODELED CLASSROOM, AND INTERCONNECT WITH FIRE ALARM RACEWAY SYSTEM IN THAT ROOM PER FIRE ALARM DIAGRAM.

6. PROVIDE BLANK COVER AT OUTLET BOX WHERE BELL WAS REMOVED.

7. PROVIDE BLANK COVER AT OUTLET BOX WHERE PUSHBUTTON CONTROL WAS REMOVED.

8. PROVIDE NEW PANEL INTERIOR, DEAD FRONT, AND COVER WITH LOCKING DOOR. PROVIDE RECONNECTION OF BRANCH AND FEEDER CIRCUITS PER PANEL SCHEDULE. VERIFY ALL BRANCH AND FEEDER LOADS AND PROVIDE 'AS-BUILT' PANEL SCHEDULE ON THE RECORD DRAWINGS AS WELL AS ON THE PANEL DOOR.

9. PROVIDE JUNCTION BOX AT APPROXIMATE +10' FOR FIRE ALARM SYSTEM CONNECTIONS. REUSE EXISTING RACEWAY AS MUCH AS POSSIBLE TO ACCOMODATE THE NEW FIRE ALARM SYSTEM. REPLACE CONDUCTORS AS REQUIRED FOR THE NEW SYSTEM.

10. PROVIDE NEW PANEL INTERIOR WITH CIRCUIT BREAKERS PER PANEL SCHEDULE. PROVIDE NEW DEAD FRONT AND COVER WITH LOCKING DOOR. PROVIDE RECONNECTION OF BRANCH AND FEEDER CIRCUITS PER PANEL SCHEDULE. VERIFY ALL BRANCH CIRCUIT LOADS AND PROVIDE 'AS-BUILT' PANEL SCHEDULE ON THE RECORD DRAWINGS AS WELL AS ON THE PANEL DOOR.

11. PROVIDE SURFACE-MOUNTED RECEPTACLE OUTLET WITH RACEWAY AND CONDUCTORS TO PANEL 'A'. PROVIDE TERMINATION AT PANEL 'A' PER PANEL SCHEDULE.

12. PROVIDE CONNECTION TO EXISTING CONVECTION OVEN FROM EXISTING FEEDER CIRCUIT COMPRISING 3-#4AWG CONDUCTORS. VERIFY TERMINATION OF THESE CONDUCTORS AT PANEL 'BP' PER PANEL SCHEDULE. NOTE THAT EXISTING RACEWAY ACCESS FOR THIS CIRCUIT IS BEHIND EXISTING CABINET WORK, AND MAY REQUIRE PARTIAL REMOVAL OF THE CABINETS FOR ACCESS.

13. PROVIDE CONNECTION OF NEW TWO-BURNER WARMER TO EXISTING CIRCUIT COMPRISING 3-#10AWG CONDUCTORS. VERIFY TERMINATION OF THESE CONDUCTORS AT PANEL 'BP' PER PANEL SCHEDULE. NOTE THAT EXISTING RACEWAY ACCESS FOR THIS CIRCUIT IS BEHIND EXISTING CABINET WORK, AND MAY REQUIRE PARTIAL REMOVAL OF THE CABINETS FOR ACCESS.

14. PROVIDE NEW FLUSH-MOUNTED RECEPTACLE OUTLETS FOR HOT TABLE. PROVIDE SURFACE-MOUNTED RACEWAY ON KITCHEN WALL UNDER DISHWASH COUNTER TO GARBAGE DISPOSER BRANCH CIRCUIT OUTLET. PROVIDE NEW HOME RUN CONDUCTORS FOR GARBAGE DISPOSER AND NEW RECEPTACLE OUTLETS TO PANEL 'BP' USING EXISTING DISPOSER HOME RUN RACEWAY. VERIFY CIRCUIT CONNECTIONS AT PANEL 'BP' PER PANEL SCHEDULE.

15. PROVIDE BLANK COVERS AT OUTLET BOXES WHERE FIRE ALARM STATIONS WERE REMOVED.

16. PROVIDE NEW PANEL INTERIOR WITH CIRCUIT BREAKERS PER PANEL SCHEDULE. PROVIDE NEW DEAD FRONT AND COVER WITH LOCKING DOOR. PROVIDE RECONNECTION OF BRANCH AND FEEDER CIRCUITS PER PANEL SCHEDULE. VERIFY ALL BRANCH CIRCUIT LOADS AND PROVIDE 'AS-BUILT' PANEL SCHEDULE ON THE RECORD DRAWINGS AS WELL AS ON THE PANEL DOOR.

17. PROVIDE NEW FIRE ALARM MANUAL PULL STATION AND ALARM STROBE/HORN AT EXISTING OUTLET BOXES. REUSE EXISTING RACEWAY. PROVIDE NEW CONDUCTORS OR REUSE EXISTING AS REQUIRED FOR REHABILITATED FIRE ALARM SYSTEM.

18. PROVIDE NEW FIRE ALARM CONTROL PANEL AT LOCATION OF REMOVED MANUAL PULL STATION. REUSE EXISTING RACEWAY WITH NEW CONDUCTORS TO PROVIDE REHABILITATED FIRE ALARM SYSTEM PER DIAGRAM AND SPECIFICATION.

19. PROVIDE NEW FIRE ALARM MANUAL PULL STATION AND ALARM STROBE/HORN. PROVIDE SURFACE-MOUNTED WIREMOLD RACEWAY TO NEAREST FIRE ALARM RACEWAY SYSTEM ACCESS. PROVIDE NEW CONDUCTORS AS REQUIRED FOR REHABILITATED FIRE ALARM SYSTEM. PAINT NEW SURFACE RACEWAY TO MATCH SURFACES IT TRAVERSES.

20. REMOVE ELECTRICAL DEVICES AT SCIENCE ROOM WALLS AS REQUIRED TO ALLOW WALL REFINISH WORK. PROVIDE BOX EXTENSION RINGS AS REQUIRED TO ACCOMODATE NEW WALL COVERINGS. REINSTALL DEVICES AND COVERS AFTER WALL REFINISH WORK IS COMPLETED.

21. PROVIDE FLUSH STAINLESS STEEL COVER FOR OUTLET BOX WHERE RANGE RECEPTACLE WAS REMOVED.

22. PROVIDE NEW PANEL INTERIORS WITH CIRCUIT BREAKERS PER PANEL SCHEDULES. PROVIDE NEW DEAD FRONTS AND COVERS WITH LOCKING DOORS. PROVIDE RECONNECTION OF BRANCH AND FEEDER CIRCUITS PER PANEL SCHEDULE. VERIFY ALL BRANCH CIRCUIT LOADS AND PROVIDE 'AS-BUILT' PANEL SCHEDULES ON THE RECORD DRAWINGS AS WELL AS ON THE PANEL DOORS.

23. PROVIDE SURFACE-MOUNTED DUPLEX RECEPTACLE AT +84" FOR REFRIGERATOR. PROVIDE HOME RUN TO PANEL 'A' WITH CONNECTION PER PANEL SCHEDULE.

24. PROVIDE NEW SURFACE-MOUNTED DUPLEX RECEPTACLE AT +50" ABOVE NEW WORK TABLE. PROVIDE SURFACE RACEWAY AND CONDUCTORS TO EXISTING RECEPTACLE OUTLET BEHIND EXISTING CONVECTION OVEN. REMOVE EXISTING RECEPTACLE AND INSTALL BOX EXTENSION FOR SURFACE WIRING.

25. PROVIDE NEW FLUSH-MOUNTED DUPLEX RECEPTACLE AT +16". COMBINE NEW HOME RUN TO PANEL 'BP' WITH HOMERUN FOR HOT TABLE RECEPTACLES REQUIRED IN ITEM 14, ABOVE.

26. EXISTING SURFACE-MOUNTED JUNCTION BOX FOR GARBAGE DISPOSER. REMOVE EXISTING HOME RUN TO GARBAGE DISPOSER, AND PROVIDE NEW TYPE THHN CONDUCTORS IN EXISTING 1" RACEWAY TO PANEL 'BP' AS FOLLOWS: (1) 2-#12AWG FOR GARBAGE DISPOSER, 2-#12AWG FOR NEW DUPLEX RECEPTACLE, (3) 4-#12AWG FOR NEW HOT TABLE RECEPTACLES, (4) 1-#12AWG GROUNDING CONDUCTOR. PROVIDE NEW GARBAGE DISPOSER CONDUCTORS TO CONTROL SWITCH AT FRONT OF DISH WASH COUNTER.

27. PROVIDE NEW WIREMOLD MULTIPLE OUTLET ASSEMBLY MOUNTED AT +40" AT WEST AND NORTH WALLS AS SHOWN. PROVIDE CONNECTION TO CIRCUIT AT EXISTING RECEPTACLE OUTLET AT WEST WALL.

FIXTURE, DEVICE & EQUIPMENT SCHEDULE

SYMBOL	MANUFACTURER	CAT NO.	LAMPS	MOUNTING	REMARKS
	LAY RITE	CC244-CC20-120	4-F40/CW	RECESSED CEILING	PROVIDE WITH PREFIX E EMERGENCY LIGHTING OPTION WHERE EM NOTED
	HUBBELL	NKG-301	LU-50	[illegible]	PROVIDE WITH SUFFIX 'PC' PHOTO CONTROL OPTION
S	HUBBELL	1201 I		-64" TO ℄ OR AG NOTED	ALSO DENOTES EXISTING SINGLE-POLE SWITCH
	HUBBELL	5252-I		AG NOTED	EXISTING DUPLEX RECEPTACLE TO REUSE EXISTING REMOVED IF NOT DAMAGED DURING DEMOLITION
	WIREMOLD	2GG660		SURFACE -16" OR AS NOTED	[illegible]
	HUBBELL	5461 I		-16" TO ℄	
					EXIST 3 WITH SHORT SPRINKLER AND CLOCK
					EXIST 6 INTERCOM SYSTEM STATION
	EDWARDS	270-SPD 8102-001		AS REQUIRED -44 AS REQUIRED -84	PRINT CONNECTION PULL STATION REUSE EXISTING OUTLET BOXES AND RACEWAY WHERE POSSIBLE. PROVIDE WITH TRIM AS REQUIRED FOR EACH LOCATION
FIRE ALARM PANEL	EDWARDS	1566-7		SURFACE	PROVIDE WITH 566-BA BATTERY BACK AND 566-10 SURFACE BACK BOX
SM	SQUARE 'D'	M26G-2		-54" TO ℄	PROVIDE WITH OVERLOADS TO MATCH MOTOR REQUIREMENTS
⊠	SQUARE 'D'	58G-11		+54" TO ℄	PROVIDE WITH OVERLOADS TO MATCH MOTOR REQUIREMENTS
▲	CONNECTION TO EQUIPMENT NOTED. COORDINATE EXACT TYPE AND LOCATION OF CONNECTION WITH REQUIREMENTS OF THE EQUIPMENT PROVIDED.				

McGLOTHLIN BALIVET CO.
ARCHITECTS & PLANNERS

STATE OF ALASKA 49TH

MODIFICATIONS TO HOMER LOWER SCHOOL AND MIDDLE SCHOOL

Kenai Peninsula Borough School District

RECORD INFO. PROVIDED BY CONTRACTOR

Sheet Title: ELECTRICAL PLANS

2935

Drawn By
Checked By
Project No. 410
Date 5-3-85

PANEL '1A'

EXISTING SCHEDULE

MOUNTING FLUSH PANEL 1A MAIN BREAKER MLO
208Y/120 VOLTS 3 PHASE 4 WIRE BUS 200

LOAD	BREAKER TRIP	BREAKER POLE	CKT #	CKT #	BREAKER POLE	BREAKER TRIP	LOAD
LIGHTS - ROOM 1	15	1	1	2	1	20	LIGHTS - TOILETS
- ROOM 1	20		3	4			- TEACHERS RM.
- ROOM 1			5	6			- OFFICE & CLOCK
- ROOM 2			7	8			SPARE
- ROOM 2			9	10			RECEPT. - OFFICE
- ROOM 2			11	12			RECEPT. - JANITOR CLOSET
- ROOM 3			13	14			LIGHTS - ROOM 8
- ROOM 3			15	16			- ROOM 8
- ROOM 3			17	18			- ROOM 8
- ROOM 4			19	20			- ROOM 7
- ROOM 5			21	22			- ROOM 7
- ROOM 5			23	24			- ROOM 7
- ROOM 5			25	26			- ROOM 6
SPARE			27	28			- ROOM 6
RECEPTS - ROOM 1			29	30			- ROOM 6
- ROOM 2			31	32			RECEPTS. - ROOM 8
- EAST ROOMS			33	34			- WEST ROOMS
- ROOM 2			35	36			- ROOM 8
- ROOM 2			37	38			- ROOM 8
- HALLWAY			39	40			- ROOM BW. WALL
- HALLWAY			41	42			- TEACHERS RM.

NEW SCHEDULE

(NO CHANGE FROM EXISTING)

MOUNTING ____ PANEL ____ MAIN BREAKER ____
____ VOLTS ____ PHASE ____ WIRE ____ BUS ____

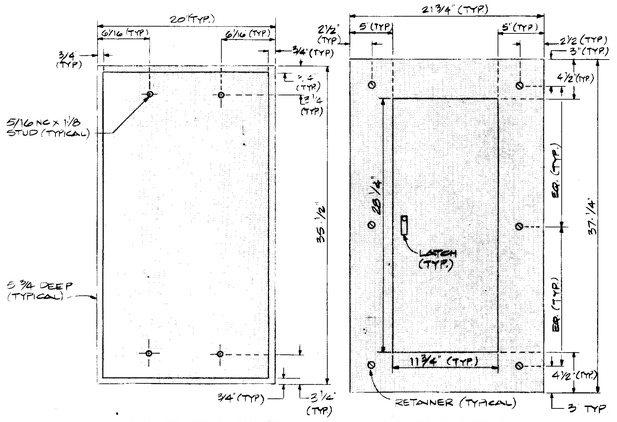
LOAD	BREAKER TRIP	BREAKER POLE	CKT #	CKT #	BREAKER POLE	BREAKER TRIP	LOAD
			1	2			
			3	4			
			5	6			
			7	8			
			9	10			
			11	12			
			13	14			
			15	16			
			17	18			
			19	20			
			21	22			
			23	24			
			25	26			
			27	28			
			29	30			
			31	32			
			33	34			
			35	36			
			37	38			
			39	40			
			41	42			

EXISTING PANEL MF'GR INFORMATION

MFGR: WESTINGHOUSE
PNLBRD Nº: D579472
STYLE: NLAB 424L200
ASSEMBLED AT: SEA

STOCK ORDER: SE43794SEX
MAIN: 200A (BOTTOM)
NEUT: 200A (TOP)
VOLTAGE: 120/208

EXISTING ENCLOSURE AND DOOR DIMENSIONS



ENCLOSURE ELEVATION DOOR ELEVATION

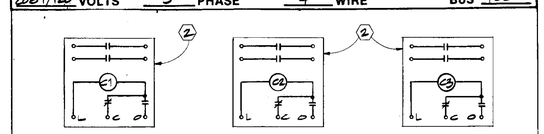
PANEL '1A' NOTES

1. ALL DIMENSIONS SHOWN AS 'TYPICAL' ARE TYPICAL OF ALL EXISTING PANELBOARDS FOR INTERIOR REPLACEMENT IN THIS PROJECT UNLESS OTHERWISE NOTED ON SPECIFIC DETAILS.

PANEL 'X'

EXISTING SCHEDULE

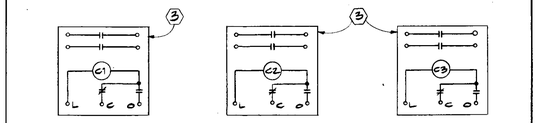
MOUNTING FLUSH PANEL X MAIN BREAKER MLO
208Y/120 VOLTS 3 PHASE 4 WIRE BUS 100



LOAD	BREAKER TRIP	BREAKER POLE	CKT #	CKT #	BREAKER POLE	BREAKER TRIP	LOAD
CONTROLS	20	1	1	2	20	1	SPARE
LIGHTS - UPPER HALLWAY			3	4			LIGHTS - UPPER HALLWAY
- EXTERIOR ENTRIES			5	6			- EXIT LIGHTS
- LOWER HALLWAY			7	8			- LOWER HALLWAY
SPACE			9	10			SPARE
SPACE			11	12			SPACE

NEW SCHEDULE

MOUNTING FLUSH PANEL X MAIN BREAKER MLO
208Y/120 VOLTS 3 PHASE 4 WIRE BUS 100



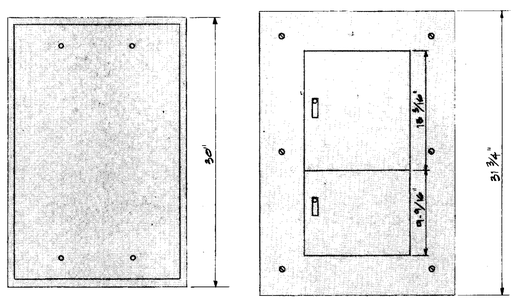
LOAD	BREAKER TRIP	BREAKER POLE	CKT #	CKT #	BREAKER POLE	BREAKER TRIP	LOAD
CONTROLS	20	1	1	2		20	SPARE
LIGHTS - UPPER HALLWAY			3	4			- UPPER HALLWAY
- EXTERIOR ENTRIES			5	6			- EXIT LIGHTS
- LOWER HALLWAY			7	8			- LOWER HALLWAY
4 OFFICE COPY MACHINE	30	2	9	10			SPARE
			11	12			SPACE

EXISTING PANEL MF'GR. INFORMATION

MFGR: WESTINGHOUSE
PANELBOARD Nº: D579467
STYLE: NLAB 124L100
ASSEMBLED AT: SEA

STOCK ORDER: SE43794SEX
MAIN: 100A (BOTTOM)
NEUT: 100A (TOP)
VOLTAGE: 120/208

EXISTING ENCLOSURE & DOOR DIMENSIONS



ENCLOSURE ELEVATION DOOR ELEVATION

PANEL 'x' NOTES

1. SEE PANEL '1A' FOR TYPICAL ENCLOSURE AND DOOR DIMENSIONS.
2. EXISTING ASCO #90901 LIGHTING CONTACTOR WITH 120VAC COIL.
3. NEW ASCO #90920 LIGHTING CONTACTOR WITH 120VAC COIL. PROVIDE RECONNECTION OF ALL LIGHTING POWER & CONTROL CIRCUITS FROM ORIGINAL PANELBOARD.
4. EXISTING CIRCUIT SERVED FROM CIRCUIT BREAKER MOUNTED ABOVE PANEL 'A'. REMOVE EXISTING SURFACE MOUNTED CIRCUIT BREAKER AND EXTEND RACEWAY AND CONDUCTORS TO NEW 30A, 2-POLE CIRCUIT BREAKER X-9,11.

PANEL 'A'

EXISTING SCHEDULE

MOUNTING FLUSH PANEL A MAIN BREAKER MLO
208Y/120 VOLTS 3 PHASE 4 WIRE BUS 100A

LOAD	BREAKER TRIP	BREAKER POLE	CKT #	CKT #	BREAKER POLE	BREAKER TRIP	LOAD
LIGHTS - STORE ROOM	20	1	1	2	1	20	LIGHTS - SHOP
RECEPT. - STORE ROOM			3	4			LIGHTS - SHOP
RECEPT. - KITCHEN			5	6			RECEPT. - KITCHEN
LIGHTS - WORK ROOM			7	8			LIGHTS - KITCHEN
RECEPT. - KITCHEN			9	10			SPARE
- KITCHEN			11	12			
- KITCHEN			13	14			
SPARE			15	16			SHOP OFFICE

NEW SCHEDULE

MOUNTING FLUSH PANEL A MAIN BREAKER MLO
208Y/120 VOLTS 3 PHASE 4 WIRE BUS 100A

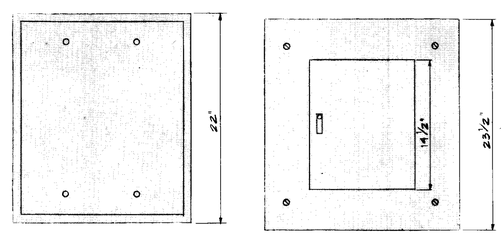
LOAD	BREAKER TRIP	BREAKER POLE	CKT #	CKT #	BREAKER POLE	BREAKER TRIP	LOAD
LIGHTS - STORE ROOM	20	1	1	2	1	20	LIGHTS - SHOP
RECEPT. - STORE ROOM			3	4			- SHOP
RECEPT. - KITCHEN			5	6			RECEPT - KITCHEN
LIGHTS - WORK ROOM			7	8			LIGHTS - KITCHEN
RECEPT - KITCHEN			9	10			REFRIGERATOR
- KITCHEN			11	12			RECEPT - SHOP
- KITCHEN			13	14			SPARE
SPARE			15	16			SHOP OFFICE

EXISTING PANEL MF'GR INFORMATION

MFGR: WESTINGHOUSE
PNLBRD. Nº: D579468
STYLE: NLAB 164L100
ASSEMBLED AT: SEA

STOCK ORDER: SE43794SEX
MAIN: 100A (BOTTOM)
NEUT: 100A (TOP)
VOLTAGE: 120/208

EXISTING ENCLOSURE & DOOR DIMENSIONS



ENCLOSURE ELEVATION DOOR ELEVATION

PANEL 'A' NOTES

1. SEE PANEL '1A' FOR TYPICAL ENCLOSURE AND DOOR DIMENSIONS.

GENERAL PANELBOARD NOTES

1. EXISTING PANELBOARDS WERE MANUFACTURED ABOUT 1957. MANUFACTURING INFORMATION WAS TAKEN FROM EXISTING NAMEPLATES, AND IS NOT GUARANTEED ACCURATE, AS NAMEPLATES ARE ON DEADFRONTS WHICH MAY HAVE BEEN SHIFTED AMONG PANELBOARDS.
2. DIMENSIONS ARE NOMINAL TO ASSIST IN BIDDING. DIMENSIONS CRITICAL TO FIT AND FUNCTION OF NEW INTERIORS AND/OR COVERS MUST BE VERIFIED.
3. ALL CONDUCTORS SHALL BE STRAIGHTENED, TRAINED AND BUNDLED TO PROVIDE A NEAT AND FUNCTIONAL APPEARANCE. WHERE INSULATION IS DAMAGED, NEW CONDUCTORS SHALL BE PROVIDED. WHERE CONDUCTOR REPLACEMENT IS NOT PRACTICAL, CONDUCTORS SHALL BE NEATLY TAPED TO PROVIDE REQUIRED INSULATION.
4. ALL CIRCUIT LOADS SHALL BE VERIFIED AND NEATLY TYPED PANELBOARD SCHEDULES SHALL BE PROVIDED AT EACH PANELBOARD DOOR. NEW SCHEDULES ON THESE DRAWINGS SHALL BE 'AS-BUILT' TO ACCURATELY SHOW ALL LOADS SERVED.
5. NEW PANELBOARD INTERIORS AND COVERS SHALL BE TYPE 'BIOD' AS MANUFACTURED BY WESTINGHOUSE WITH MINIMUM 10,000 AMPERE SHORT CIRCUIT RATING.

2936

PROJECT RECORD DRAWINGS
FROM INFORMATION SUPPLIED
BY DERLETH BUILDERS
DATE 1/6/86

STATE OF ALASKA 49TH
L. MCDOWELL
LICENSED PROFESSIONAL ENGINEER
ELECTRICAL & ELECTRONICS
LICENSE NO. EE 4117

McGLOTHLIN BALIVET CO.
ARCHITECTS & PLANNERS
ANCHORAGE, ALASKA

MODIFICATIONS TO
HOMER LOWER SCHOOL,
AND MIDDLE SCHOOL
Kenai Peninsula Borough School District

Sheet Title
SCHEDULES, NOTES
AND DETAILS

Drawn By L. JOLL PPE
Checked By R. McDOWELL
Project No 410
Date 5-3-85

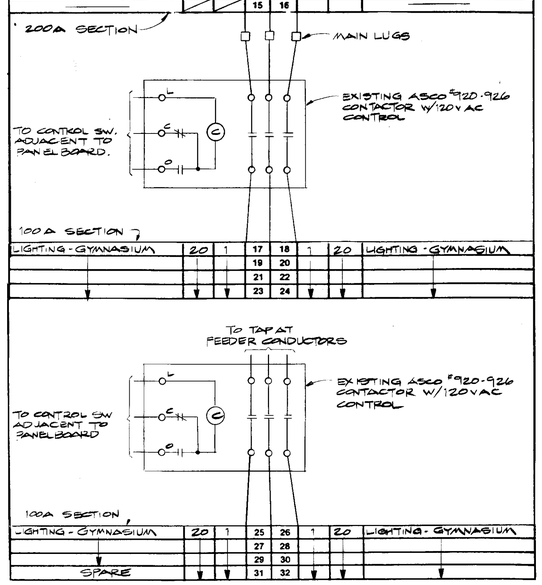
Sheet No
E-3

PANEL 'B'

EXISTING SCHEDULE

MOUNTING FLUSH PANEL B MAIN BREAKER MLO
208Y/120 VOLTS 3 PHASE 4 WIRE BUS 200/100

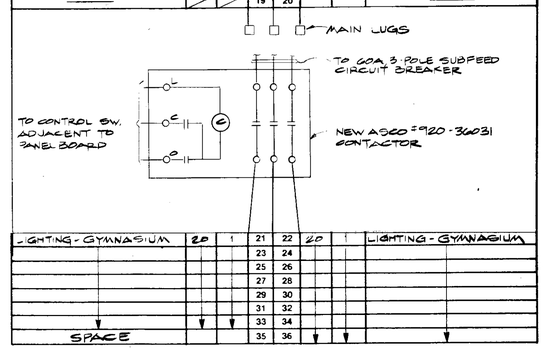
LOAD	BREAKER TRIP	BREAKER POLE	CKT #	CKT #	BREAKER POLE	BREAKER TRIP	LOAD
SPARE	20	1	1	2	1	20	LIGHTS - STAGE
RECEPTS. -			3	4			
- W. WALL			5	6			
- S. WALL			7	8			RECEPT - E. WALL
- FLOOR, BLEACHER	20	2	9	10	2	20	SPARE
NOT USED			11	12			
SPARE	20	2	13	14			SPACE
			15	16			



NEW SCHEDULE

MOUNTING FLUSH PANEL B MAIN BREAKER MLO
208Y/120 VOLTS 3 PHASE 4 WIRE BUS 200/100

LOAD	BREAKER TRIP	BREAKER POLE	CKT #	CKT #	BREAKER POLE	BREAKER TRIP	LOAD
CEILING FANS	20	1	1	2	20	1	LIGHTS - STAGE
RECEPTS -			3	4			
- W. WALL			5	6			
- S. WALL			7	8			RECEPT - E WALL
- FLOOR, BLEACHER			9	10	60	2	THEATRICAL LIGHTING RECEPT. (3)
SPACE			11	12			
			13	14	70	2	THEATRICAL LIGHTING
SUB FEED TO LIGHTING	60	3	15	16			
CONTROL CONTACTOR			17	18			SPACE
			19	20			

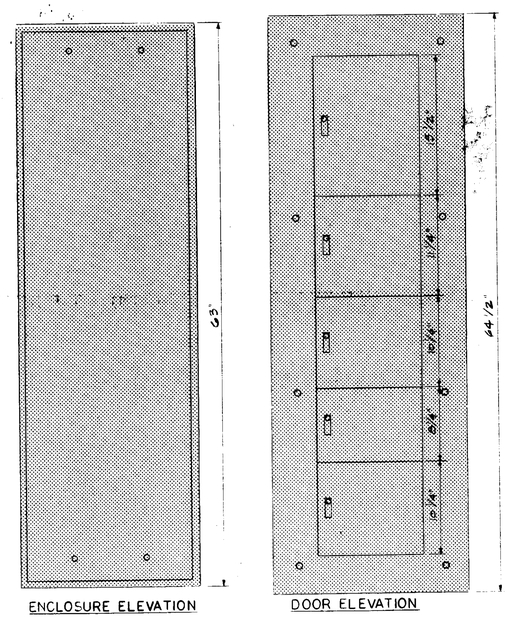


EXISTING PANEL MF'GR. INFORMATION

MFGR: WESTINGHOUSE
PANELBOARD No.: (NOT AVAILABLE)
STYLE: NLAB
ASSEMBLED AT: SEA

STOCK ORDER: (NOT AVAILABLE)
MAIN: 200A (LOCATION SHOWN)
NEUT: 200A (TOP)
SUBMAIN: 100A (LOCATIONS SHOWN)
VOLTAGE: 120/208

EXISTING ENCLOSURE & DOOR DIMENSIONS



ENCLOSURE ELEVATION DOOR ELEVATION

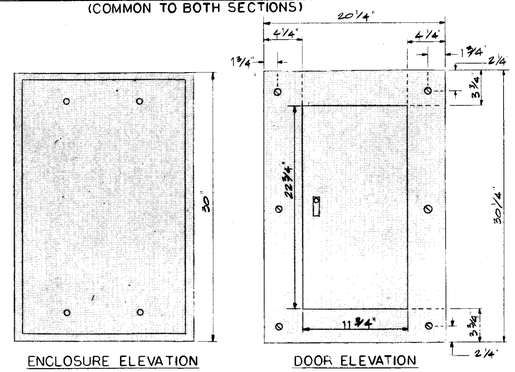
PANEL 'B' NOTES

1. SEE PANEL 'A' FOR TYPICAL ENCLOSURE AND DOOR DIMENSIONS.
2. THE ENCLOSURE HAS BEEN FITTED WITH AN EXTENSION RING WHICH VARIES IN DEPTH FROM APPROXIMATELY 3/4 AT THE LOWER LEFT CORNER TO 1 1/2 AT THE UPPER RIGHT CORNER. PROVIDE BLOCKING OF NEW PANEL INTERIOR TO ALLOW PROPER FIT OF FLUSH COVER AND DEAD FRONTS.

(3) EXISTING CIRCUITS SERVED FROM LOAD CENTER MOUNTED ABOVE PANELBOARD. REMOVE LOADCENTER AND EXTEND RACEWAY AND BRANCH CIRCUIT CONDUCTORS TO NEW CIRCUIT BREAKERS AT CIRCUITS 10, 12, AND 14, 16.

EXISTING ENCLOSURE & DOOR DIMENSIONS

(COMMON TO BOTH SECTIONS)



ENCLOSURE ELEVATION DOOR ELEVATION

PANELS 'BP'

EXISTING SCHEDULES

MOUNTING SURFACE PANEL BP (SECTION A) MAIN BREAKER MLO
208Y/120 VOLTS 3 PHASE 4 WIRE BUS 225

LOAD	BREAKER TRIP	BREAKER POLE	CKT #	CKT #	BREAKER POLE	BREAKER TRIP	LOAD
HOME EC. RANGE	50	2	1	2	2	50	HOME EC. RANGE
			3	4			
HOME EC. RANGE	30	2	5	6	2	30	BOILER RM. DRYER & GARB. DISP
			7	8			
KITCHEN - HOT TABLE	30	2	9	10	2	15	FREEZER
			11	12			
EXISTING LOADS	15	2	13	14	1	20	SPARE
			15	16			EXISTING LOADS
	20	2	17	18			
			19	20			
	20	1	21	22			
			23	24			SPARE
			25	26			SPARE
	15	1	27	28	1	15	EXISTING LOADS
	15	1	29	30			
	20	1	31	32			

MOUNTING SURFACE PANEL BP (SECTION B) MAIN BREAKER MLO
208Y/120 VOLTS 3 PHASE 4 WIRE BUS 200

LOAD	BREAKER TRIP	BREAKER POLE	CKT #	CKT #	BREAKER POLE	BREAKER TRIP	LOAD
KITCHEN - DEEP FRYER	70	3	1	2	3	15	EXISTING LOADS
			3	4			
			5	6			
SPACE			7	8	3	15	
			9	10			
			11	12			
EXISTING LOAD	15	3	13	14	3	15	
			15	16			
NOT USED			17	18			
SPARE	15	3	19	20	3	15	SPARE
			21	22			
			23	24			

NEW SCHEDULES

MOUNTING SURFACE PANEL BP (SECTION A) MAIN BREAKER MLO
208Y/120 VOLTS 3 PHASE 4 WIRE BUS 225

LOAD	BREAKER TRIP	BREAKER POLE	CKT #	CKT #	BREAKER POLE	BREAKER TRIP	LOAD
RECEPT - GYM HOT TABLE	20	2	1	2	2	15	GARBAGE DISPOSER
			3	4			
RECEPT - KITCHEN HOT TABLE	20	2	5	6	2	20	SPARE
			7	8			
KITCHEN - WARMER UNIT	30	2	9	10	2	15	EXISTING LOAD
			11	12			
EXISTING LOADS	15	2	13	14	1	15	CIRC. PUMPS HWCP 1 & 2
			15	16	1	20	EXISTING LOADS
	20	2	17	18			
			19	20			
	20	1	21	22			
			23	24			SPARE
			25	26			SPARE
	15	1	27	28	1	15	EXISTING LOADS
	15	1	29	30			
	20	1	31	32			

MOUNTING SURFACE PANEL BP (SECTION B) MAIN BREAKER MLO
208Y/120 VOLTS 3 PHASE 4 WIRE BUS 225

LOAD	BREAKER TRIP	BREAKER POLE	CKT #	CKT #	BREAKER POLE	BREAKER TRIP	LOAD
KITCHEN - CONVECTION OVEN	50	2	1	2	3	15	EXISTING LOADS
			3	4			
(EXISTING LOAD FROM	15	2	5	6			
BP-B - 13, 15)			7	8	3	15	
SPACE			9	10			
			11	12			
CIRC PUMPS CP-1 & 2	15	3	13	14	3	15	
			15	16			
			17	18			
CIRC. PUMP CP-3	15	3	19	20			SPACE
			21	22			
			23	24			

EXISTING PANEL MF'GR INFORMATION - SECTION 'A'

MFGR: WESTINGHOUSE
PANELBOARD No.: D579494
STYLE: NLAB-NB-44225
ASSEMBLED AT: SEA

STOCK ORDER: 427945EX
MAIN: 225A (BOTTOM-SUBFEED FROM SECTION B)
NEUT: 225A (TOP-SUBFEED FROM SECTION 'B')
VOLTAGE: 120/208

EXISTING PANEL MF GR INFORMATION - SECTION 'B'

MFGR: WESTINGHOUSE
PANELBOARD No.: D579476
STYLE: NLAB-264L200
ASSEMBLED AT: SEA

STOCK ORDER: 427945EX
MAIN: 200A (BOTTOM-DOUBLE)
NEUT: 200A (TOP-DOUBLE)
VOLTAGE: 120/208

2937

PANELS 'BP' NOTES

1. SEE PANEL 'A' FOR TYPICAL ENCLOSURE DIMENSIONS.

PROJECT RECORD DRAWINGS FROM INFORMATION SUPPLIED BY DERLETH BUILDERS
DATE 1/6/86

STATE OF ALASKA 49TH REGISTERED PROFESSIONAL ENGINEER EE-4117

McGLOTHLIN BALIVET CO. ARCHITECTS & PLANNERS

MODIFICATIONS TO HOMER LOWER SCHOOL AND MIDDLE SCHOOL
Kenai Peninsula Borough School District

SCHEDULES, NOTES AND DETAILS

Sheet Title

Drawn By L. JOLLIFFE
Checked By R. McDOWELL
Project No. 417
Date 5-3-85

Sheet No. E-4