

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK CITY OF PORTLAND

BUILDING INSPECTION PERMIT

Permit Number: 030320

Please Read
Application And
Notes, If Any,
Attached

This is to certify that State Of Maine/Applicant
has permission to Upgrade latrines and kitchen meet code and comply with ADA requirements
AT 760 Stevens Ave 145 B018001

provided that the person or persons, firm or corporation accepting this permit shall comply with all of the provisions of the Statutes of Maine and of the Ordinances of the City of Portland regulating the construction, maintenance and use of buildings and structures, and of the application on file in this department.

Apply to Public Works for street line and grade if nature of work requires such information.

Notification of inspection must be given and when permission is procured before this building or part thereof is leased or otherwise closed-in.
HOURS NOT REQUIRED.

A certificate of occupancy must be procured by owner before this building or part thereof is occupied.

OTHER REQUIRED APPROVALS

Fire Dept. [Signature]
Health Dept. _____
Appeal Board _____
Other _____
Department Name _____

[Signature] 4/30/03
Director - Building & Inspection Services

PENALTY FOR REMOVING THIS CARD

City of Portland, Maine - Building or Use Permit Application

389 Congress Street, 04101 Tel: (207) 874-8703, Fax: (207) 874-8716

Permit No: 03-0320	Issue Date:	CBL: 145 B018001
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Location of Construction: 760 Stevens Ave	Owner Name: State Of Maine	Owner Address: Dept. Of Defense/Military Bureau	Phone: 626-4236
Business Name:	Contractor Name: Applicant	Contractor Address: Portland	Phone:
Lessee/Buyer's Name	Phone:	Permit Type: Alterations - Commercial	Zone: R5

Past Use: National Guard Armory	Proposed Use: National Guard Armory with upgrades to latrines and kitchen to meet code and comply with ADA requirements	Permit Fee: \$863.00	Cost of Work: \$120,000.00	CEO District: 3
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Proposed Project Description: Upgrade latrines and kitchen to meet code and comply with ADA requirements	FIRE DEPT: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied	INSPECTION: Use Group: A3 Type: 2B 4/30/03
	Signature: <i>[Signature]</i>	Signature: <i>[Signature]</i>

Permit Taken By: gad	Date Applied For: 04/11/2003	Zoning Approval	
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<ol style="list-style-type: none"> This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules. Building permits do not include plumbing, septic or electrical work. Building permits are void if work is not started within six (6) months of the date of issuance. False information may invalidate a building permit and stop all work.. 	Special Zone or Reviews <input type="checkbox"/> Shoreland <input type="checkbox"/> Wetland <input type="checkbox"/> Flood Zone <input type="checkbox"/> Subdivision <input type="checkbox"/> Site Plan Maj <input type="checkbox"/> Minor <input checked="" type="checkbox"/> MM Date: <i>OK 4/10/03</i>	Zoning Appeal <input type="checkbox"/> Variance <input type="checkbox"/> Miscellaneous <input type="checkbox"/> Conditional Use <input type="checkbox"/> Interpretation <input type="checkbox"/> Approved <input type="checkbox"/> Denied Date:	Historic Preservation <input checked="" type="checkbox"/> Not in District or Landmark <input type="checkbox"/> Does Not Require Review <input type="checkbox"/> Requires Review <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied Date: <i>[Signature]</i>
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CERTIFICATION

I hereby certify that I am the owner of record of the named property, or that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his authorized agent and I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in the application is issued, I certify that the code official's authorized representative shall have the authority to enter all areas covered by such permit at any reasonable hour to enforce the provision of the code(s) applicable to such permit.

SIGNATURE OF APPLICANT	ADDRESS	DATE	PHONE
RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE		DATE	PHONE

03-0320

All Purpose Building Permit Application

If you or the property owner owes real estate or personal property taxes or user charges on any property within the City, payment arrangements must be made before permits of any kind are accepted.

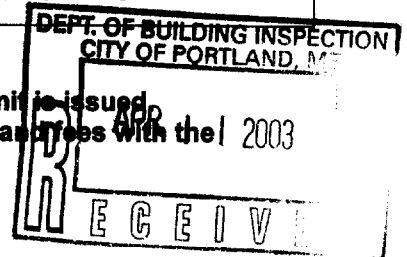
Location/Address of Construction: 772 Stevens Avenue, Portland, Maine 04103-2696		
Total Square Footage of Proposed Structure 2233 square feet of Renovations		Square Footage of Lot 8.59 +/- Acres
Tax Assessor's Chart, Block & Lot Chart # Block # Lot # 145 - B - 018	Owner: State of Maine Dept of Defense, Veterans & Emergency Management Military Bureau	Telephone: 1-207-626-4236
Lessee/Buyer's Name (If Applicable)	Applicant name, address & telephone: Donovan G. Lajoie 33 State House Station Building #8, Camp Keyes Augusta, Maine 04333-0033	Cost of Work: \$ \$120,000 863.00 Fee: \$ 1058.20
Current use: <u>Armory for State of Maine, Department of Defense, Veterans & Emergency Management</u>		
If the location is currently vacant, what was prior use: _____		
Approximately how long has it been vacant: _____		
Proposed use: <u>Renovations to existing latrines & Kitchen to comply with current Codes and ADA requirements.</u> Project description:		
Contractor's name, address & telephone:		
Who should we contact when the permit is ready: <u>Norman Smith, Engineer Technician</u> Mailing address: <u>33 State House Station, Building #8, Camp Keyes, Augusta, Maine 04333-0033</u>		
We will contact you by phone when the permit is ready. You must come in and pick up the permit and review the requirements before starting any work, with a Plan Reviewer. A stop work order will be issued and a \$100.00 fee if any work starts before the permit is picked up. PHONE: <u>1-207-626-4236</u> <i>fxalp</i>		

IF THE REQUIRED INFORMATION IS NOT INCLUDED IN THE SUBMISSIONS THE PERMIT WILL BE AUTOMATICALLY DENIED AT THE DISCRETION OF THE BUILDING/PLANNING DEPARTMENT, WE MAY REQUIRE ADDITIONAL INFORMATION IN ORDER TO APPROVE THIS PERMIT.

I hereby certify that I am the Owner of record of the named property, or that the owner of record authorizes the proposed work and that I have been authorized by the owner to make this application as his/her authorized agent. I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in this application is issued, I certify that the Code Official's authorized representative shall have the authority to enter all areas covered by this permit at any reasonable hour to enforce the provisions of the codes applicable to this permit.

Signature of applicant: <i>Donovan Lajoie</i>	Date: <u>27 JAN 03</u>
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This is NOT a permit, you may not commence ANY work until the permit is issued. If you are in a Historic District you may be subject to additional permitting and fees with the
Planning Department of the 4th floor of City Hall



**DEPARTMENT OF DEFENSE, VETERANS, AND EMERGENCY MANAGEMENT
MILITARY BUREAU**

Directorate Facilities Engineering

April 8, 2003

Michael J. Nugent
Inspection Services Manager
City of Portland
389 Congress Street
Portland, Maine

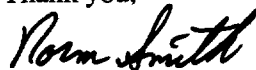
Stevens Ave. Armory
Renovations to Kitchen & Latrines
Portland, Maine
P/N: AP 03-088

Michael,

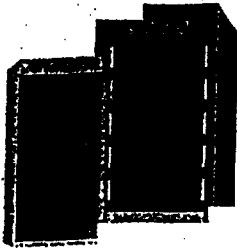
Please find enclosed:

1. Set of stamped construction drawings for Renovations to Kitchen & Latrines at Stevens Ave. Armory
2. Application for building permit.
Cost is \$863 for demolition [permit #03-0082 issued 2-15-03] and construction permit, plus \$160 for plumbing and \$45.20 for electrical for a total of \$1068.20. [check attached]
3. Please phone Norman Smith, project manager, 626-4236 when permit is ready.
4. We will be doing the construction with State of Maine Directorate of Facilities Engineering employees with the exception of the hood and ventilation system in the kitchen. This project is funded 50% with Federal funds and 50% with State funds as it is an Army armory. We have a State of Maine licensed electrician and a plumber as well as an engineer who have checked the site and drawings. Denis Pratt of Alpha One has provided certification for accessibility.

Thank you,



Norman Smith Engineering Technician III
Directorate Facilities Engineering
Building #8 Camp Keyes
Augusta, ME 04333-0033
Tel: 1-207-626-4236
Fax: 1-207-626-4553
E-mail norman.smith@me.ngb.army.mil



**CITY OF PORTLAND
BUILDING CODE CERTIFICATE
389 Congress St., Rm 315
Portland, ME 04101**

TO: Inspector of Buildings City of Portland, Maine
Department of Planning & Urban Development
Division of Housing & Community Service

FROM: Directorate of Facilities Engineering, State of Maine,
Dept of Defense, Veterans & Emergency Mgmt, Military Bureau

RE: Certificate of Design

DATE: January 27, 2003

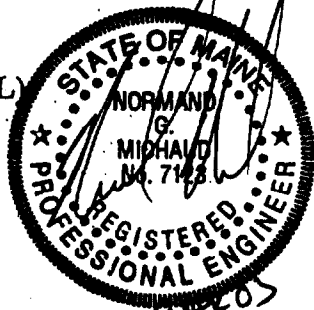
These plans and/or specifications covering construction work on:

Renovations to kitchen and latrines at the Stevens Avenue Armory

772 Stevens Avenue, Portland, Maine 04103-2696

Have been designed and drawn up by the undersigned, a Maine registered architect/engineer according to the BOCA National Building Code, 1999 Fourteenth Edition, and local amendments.

(SEAL)



Signature *Norman G. Michaud*

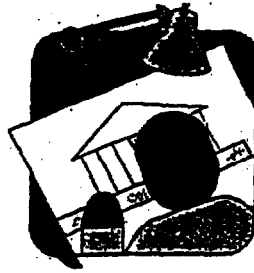
Title PROJECT MANAGER / CIVIL ENGINEER

Firm DIRECTORATE OF FACILITIES ENGINEERING
STATE OF MAINE, DEPT OF DEFENSE, Veterans & Emergency Mgmt

Address CAMP KEYS, BUILDING #8
AUGUSTA, MAINE 04330

As per Maine State Law:

\$50,000.00 or more in new construction, repair, expansion, addition, or modification for Building or Structures, shall be prepared by a registered design Professional.



CITY OF PORTLAND MAINE

389 Congress St., Rm 315

Portland, ME 04101

Tel. - 207-874-8704

Fax - 207-874-8716

TO: Inspector of Buildings City of Portland, Maine
Planning & Urban Development
Division of Housing & Community Services

FROM DESIGNER: Directorate of Facilities Engineering, State of Maine
Dept of Defense, Veterans & Emergency Mgmt, Military Bureau

DATE: January 27, 2003

Job Name: Renovations to kitchen and latrines, Stevens Avenue Armory

Address of Construction: 772 Stevens Avenue, Portland, Maine 04103-2696

THE BOCA NATIONAL BUILDING CODE/1999 Fourteenth EDITION

Construction project was designed according to the building code criteria listed below:

Building Code and Year BOCA 1996 2000 Use Group Classification(s) A-3

Type of Construction 2A or 2B Bldg. Height 24 feet Bldg. Sq. Footage 2233 Square feet of renovations

Seismic Zone _____ Group Class _____

Roof Snow Load Per Sq. Ft. _____ Dead Load Per Sq. Ft. _____

Basic Wind Speed (mph) _____ Effective Velocity Pressure Per Sq. Ft. _____

Floor Live Load Per Sq. Ft. _____

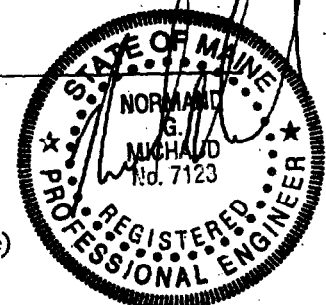
Structure has full sprinkler system? Yes _____ No X Alarm System? Yes X No _____
Sprinkler & Alarm systems must be installed according to BOCA and NFPA Standards with approval from the Portland Fire Department.

Is structure being considered unlimited area building: Yes _____ No _____

If mixed use, what subsection of 313 is being considered _____

List Occupant loading for each room or space, designed into this Project.

(Designers Stamp & Signature)



9 APR 03



**CITY OF PORTLAND
ACCESSIBILITY CERTIFICATE**

Designer: DENIS R. PRATT, AIA

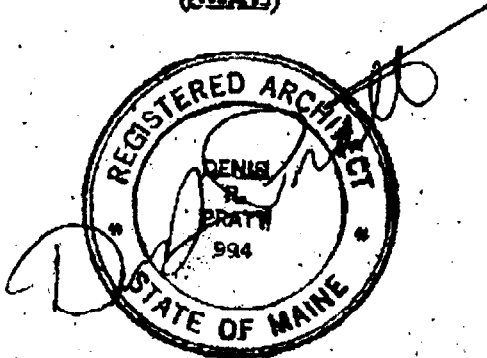
Address of Project STEVENS AVENUE ARMORY

Nature of Project KITCHEN & TOILET ROOM
RENOVATION(S)

Date 3/8/03

The technical submissions covering the proposed construction work as described above have been designed in compliance with applicable referenced standards found in the Maine Human Rights Law and Federal Americans with Disability Act.

(SEAL)



Signature D. R. Pratt

Title Architect

Firm Alpha One

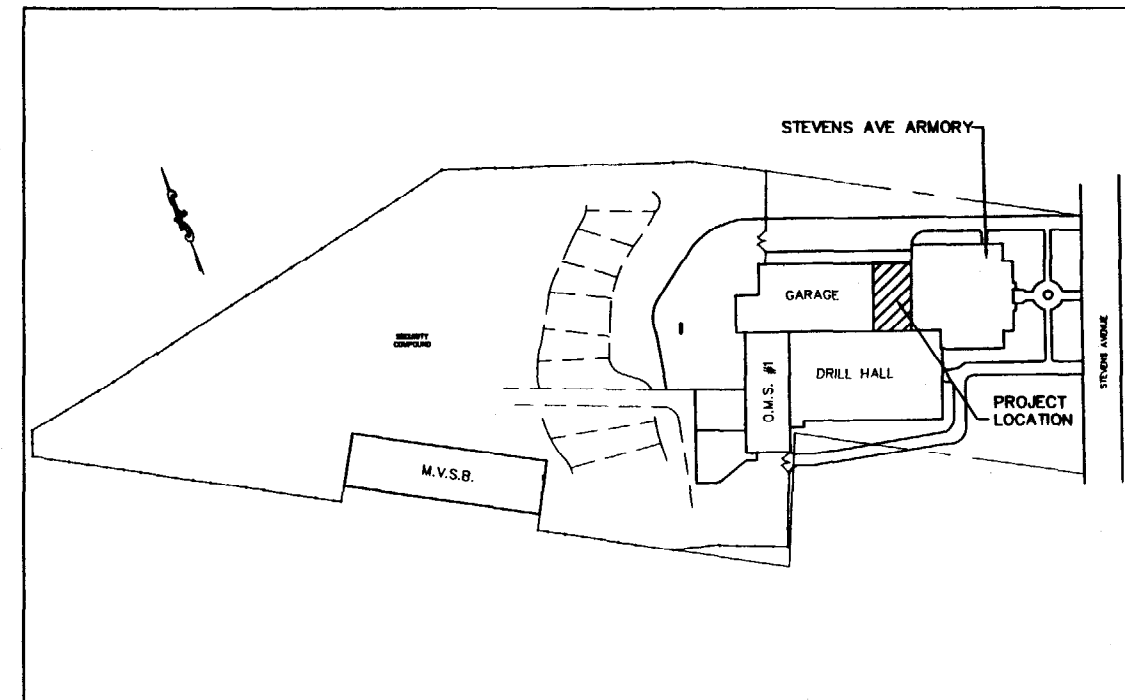
Address 127 MAIN STREET
SO. PORTLAND, ME

Telephone 767-2189


RENOVATIONS TO KITCHEN & LATRINES STEVENS AVE. ARMORY PORTLAND, MAINE

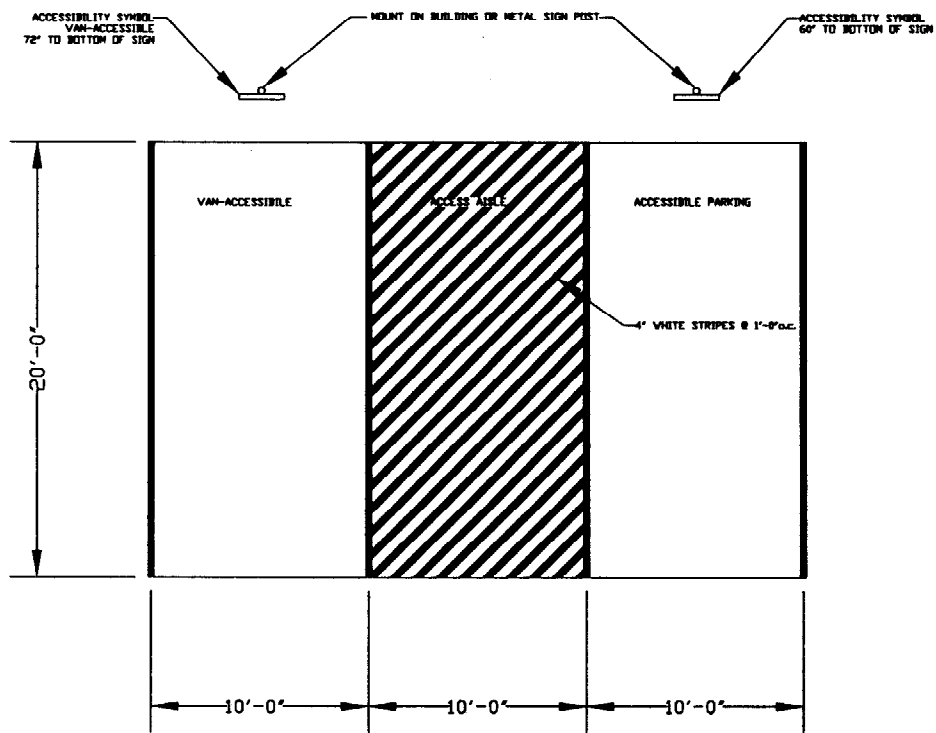
Director of Facilities Engineering
Project No. AP03-088

CS100	COVER SHEET
S100	SITE PLAN/PARKING
D100	EXISTING & DEMO PLANS
A100	FLOOR PLAN
E100	KITCHEN ELECTRICAL PLAN
E200	ELECTRICAL PLAN
M100	MECHANICAL PLAN
M200	KITCHEN VENTILATION DETAILS
M700	CONTROLS & SCHEDULES
P100	FIXTURE PLAN

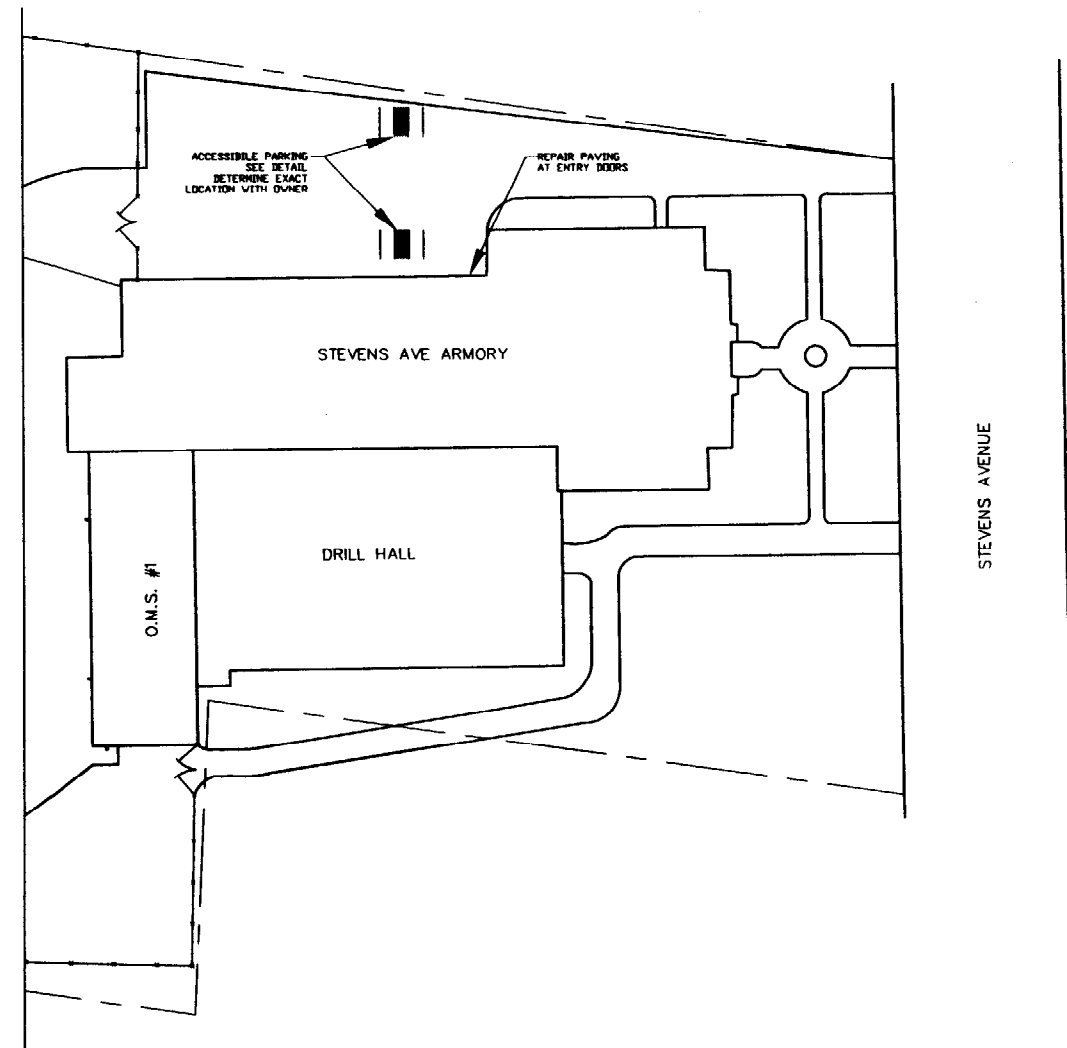


LOCATION PLAN
NOT TO SCALE

	STATE OF MAINE		
	MILITARY BUREAU - MAINE NATIONAL GUARD DIRECTORATE OF FACILITIES ENGINEERING		
PROJECT: KITCHEN & LATRINE RENOV. COVER SHEET			
DATE: 4 MARCH 03	SCALE: N.T.S.	DRAWING NUMBER: CS100	SHEET NO: 01
DRAWN BY: NIS	CHECKED BY: NGM		

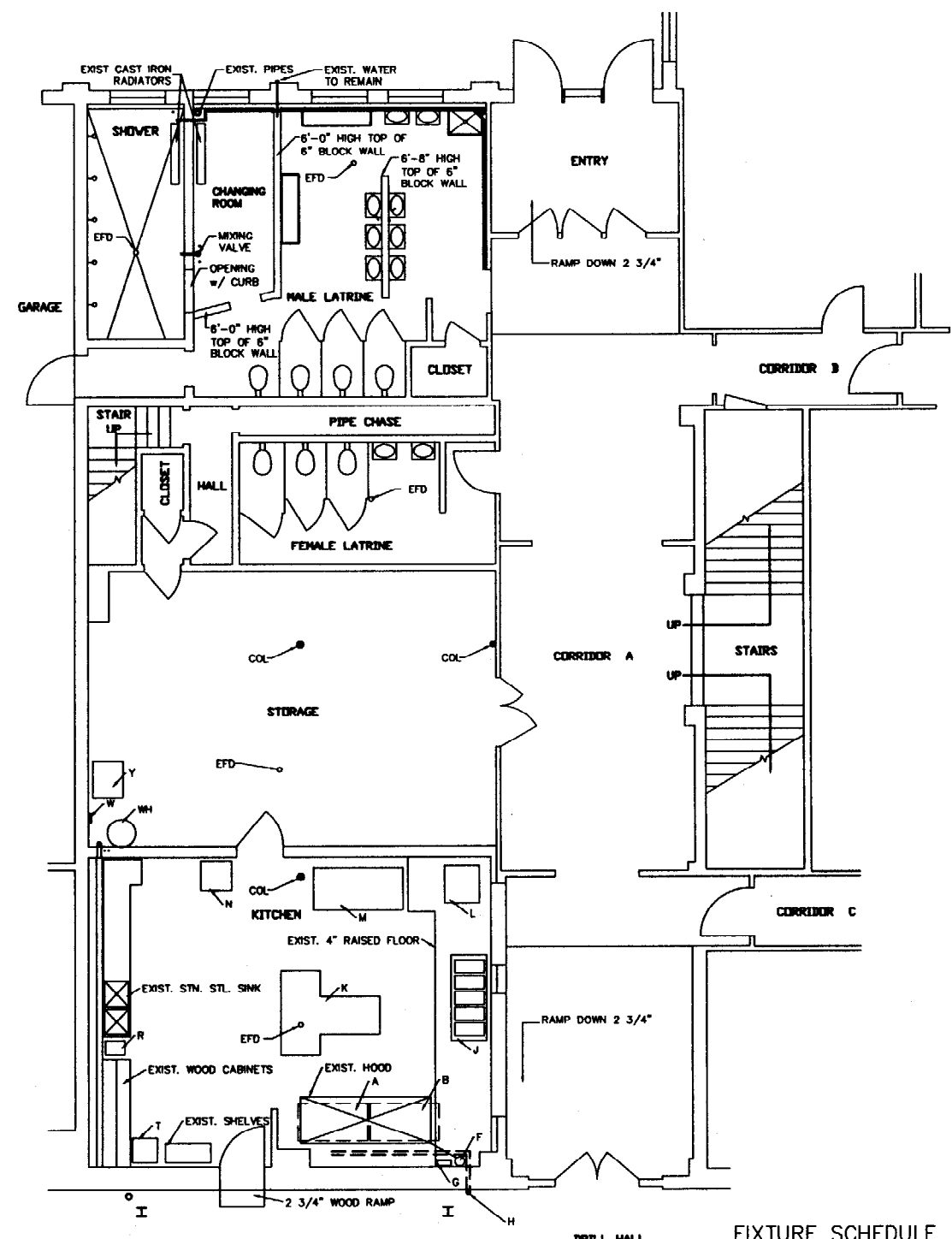


ACCESSIBLE PARKING SPACES
SCALE: NONE

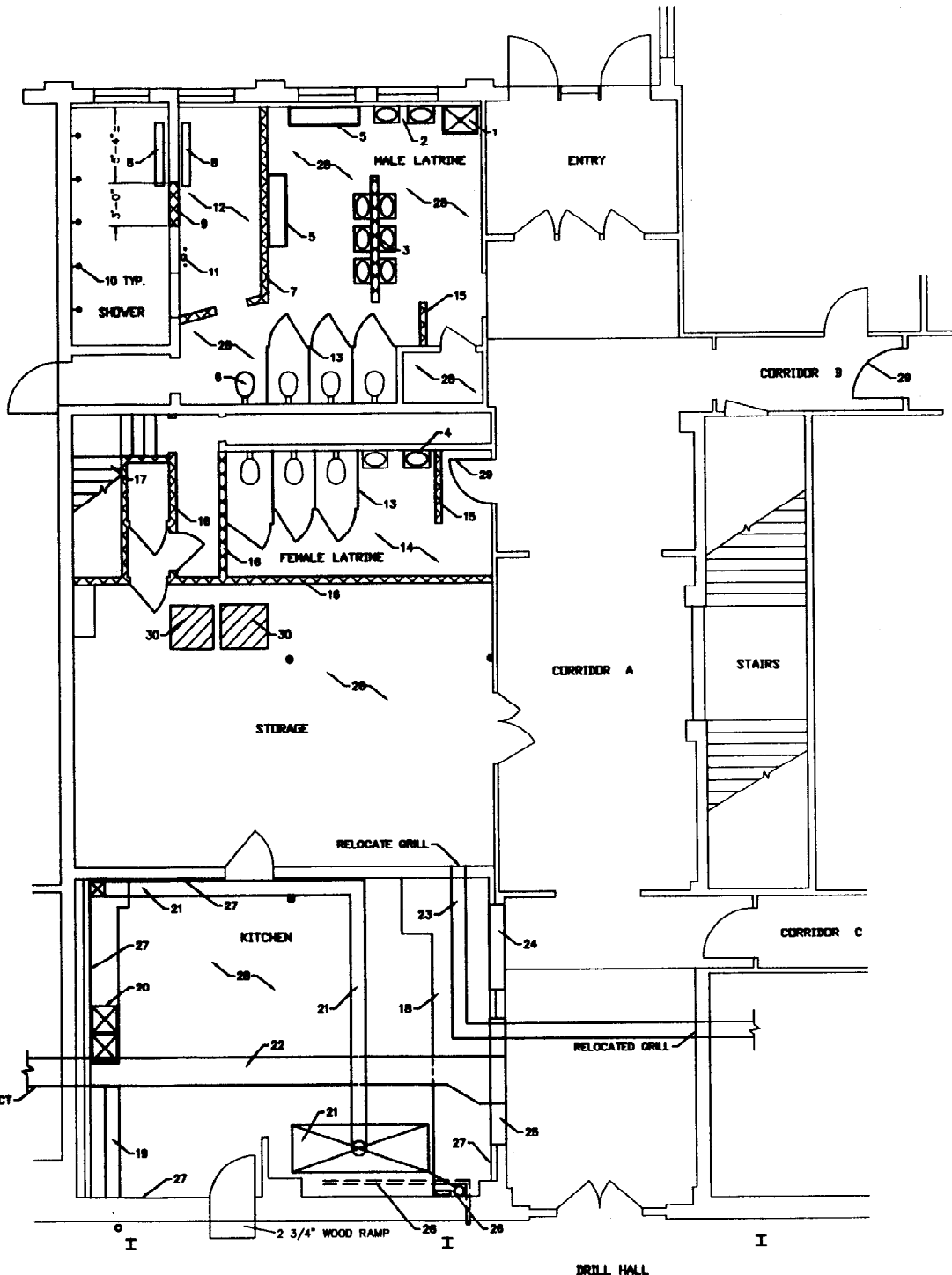


STEVENS AVE. ARMORY
SITE PLAN
SCALE: 1" = 10'
reduced

	STATE OF MAINE MILITARY BUREAU - MAINE NATIONAL GUARD DIRECTORATE OF FACILITIES ENGINEERING		
	PROJECT: KITCHEN & LATRINE RENOV. SITE PLAN/PARKING		
DRAWN BY: NLS CHECKED BY: NGM	SCALE: AS NOTED DATE: 4 MARCH 03	LOCATION: STEVENS AVE. PORTLAND, ME	SHEET NO.: S100



EXISTING FLOOR PLAN
SCALE 3/16"=1'-0" reduced



DEMO PLAN
SCALE 3/16"=1'-0"

FIXTURE SCHEDULE

ITEM	DESCRIPTION
A	GARLAND GAS RANGE
B	GARLAND GAS RANGE
F	FIRE SUPPRESSION SYSTEM KIDDE WHDR-400L
G	FIRE SUPPRESSION CONTROL BOX KIDDE KRS-50
H	GAS LINE
J	STN. STL. MOBILE FOOD SERVING TABLE
K	STN. STL. WORK TABLE & UTENSIL RACK
L	MOBILE SHELVES
M	REFRIGERATOR
N	ICE MAKER
R	VEGETABLE PEELER
T	MIXER
WH	HOT WATER HEATER RHEEM MODEL # 81G-800 240V 1PH 4500W 80 GAL.
W	WATER HEATER ELECT. BOX ITE F351
Y	FREEZER BRADFORD 19 30AMP 600V 3PH 480V.
EFD	EXIST. FLOOR DRAIN
COL	EXIST. COLUMN

LEGEND:

	REMOVE WALL
	REMOVE FLOOR

DEMO NOTES:

- 1 REMOVE UTILITY SINK.
- 2 REMOVE LAVATORIES, REUSE HOT & COLD WATER AND DRAIN PIPES.
- 3 REMOVE LAVATORIES AND 6" BLOCK WALL. REUSE HOT & COLD WATER, DRAINS, AND VENT.
- 4 RELOCATE LAVATORY, REUSE HOT & COLD WATER & DRAIN PIPES.
- 5 REMOVE URINALS, PIPING AND DRAIN TO BE REUSED.
- 6 REMOVE WATER CLOSET, PIPING AND DRAIN TO BE REUSED.
- 7 REMOVE 6" BLOCK WALL.
- 8 REMOVE CAST IRON RADIATORS. RELOCATE AND USE GAS LINE & THERMOSTAT WITH NEW HEATER. SEE DRAWING M100.
- 9 CUT 3'-0"+ WIDE OPENING IN 8" BRICK WALL FROM FLOOR TO CEILING USE REMOVED BRICKS TO PATCH EXISTING ENTRY WAY.
- 10 REMOVE SHOWER HEADS & CONTROLS. REUSE PIPES AND CONTROLS COORDINATE WITH DRAWING P100.
- 11 REMOVE MIXING VALVE. COORDINATE HOT AND COLD WATER PIPE REMOVAL WITH DRAWING P100.
- 12 REMOVE FLOOR TILE.
- 13 REMOVE TOILET PARTITIONS.
- 14 REMOVE FLOOR TILE.
- 15 REMOVE STUD WALL.
- 16 REMOVE BLOCK WALL, DOORS & FRAMES.
- 17 REMOVE STEEL STAIRS, PROVIDE SUPPORT & PATCH FLOOR & CEILING TO MATCH EXISTING. PROVIDE EXISTING CONDITIONS AND PATCH DETAILS WITH DFE ENGINEER PRIOR TO CONSTRUCTION.
- 18 REMOVE 4" RAISED CONCRETE FLOOR.
- 19 REMOVE WOOD BASE & WALL CABINETS.
- 20 REMOVE STN. STL. SINK, REUSE HOT & COLD PIPES AND DRAIN PIPES. COORDINATE WITH NEW SINKS PER DRAWING P100.
- 21 REMOVE EXHAUST HOOD AND DUCTS THROUGH ROOF.
- 22 REMOVE METAL DUCT FROM KITCHEN AND STORAGE ROOM. PATCH WALLS TO MATCH EXISTING.
- 23 REMOVE METAL DUCTS TO FAR SIDE OF CORRIDOR WALL, RELOCATE GRILL IN STORAGE ROOM TO CORRIDOR. PATCH WALLS TO MATCH EXISTING.
- 24 REMOVE WOODEN DOORS AND WOOD SILL.
- 25 REMOVE WOODEN DOORS, WOOD SILL, AND BRICKS TO A HEIGHT (34") ABOVE THE FINISH FLOOR. COORDINATE WITH NEW ROLL UP DOOR.
- 26 DISCONNECT GAS LINE, FIRE SUPPRESSION SYSTEM & CONTROLS. ALL TO BE RELOCATED. COORDINATE WITH DRAWINGS A100, M100, & M200.
- 27 REMOVE PANELING IN KITCHEN AS REQUIRED TO INSTALL NEW BACKER BOARD FOR CERAMIC WALL TILE.
- 28 STRIP PAINT FROM CONCRETE FLOOR.
- 29 REMOVE DOORS, REUSE ONE FOR PIPE CHASE IN FEMALE LATRINE.
- 30 REMOVE SECTION OF FLOOR FOR SHOWERS. SEE SHOWER SUBMITTAL DRAWINGS.
- 31 CUT AND DEMO FLOOR AS REQUIRED FOR INSTALLATION OF NEW SEWER PIPES.

CITY OF PORTLAND DEMOLITION PERMIT #03-0082 FEBRUARY 13, 2003

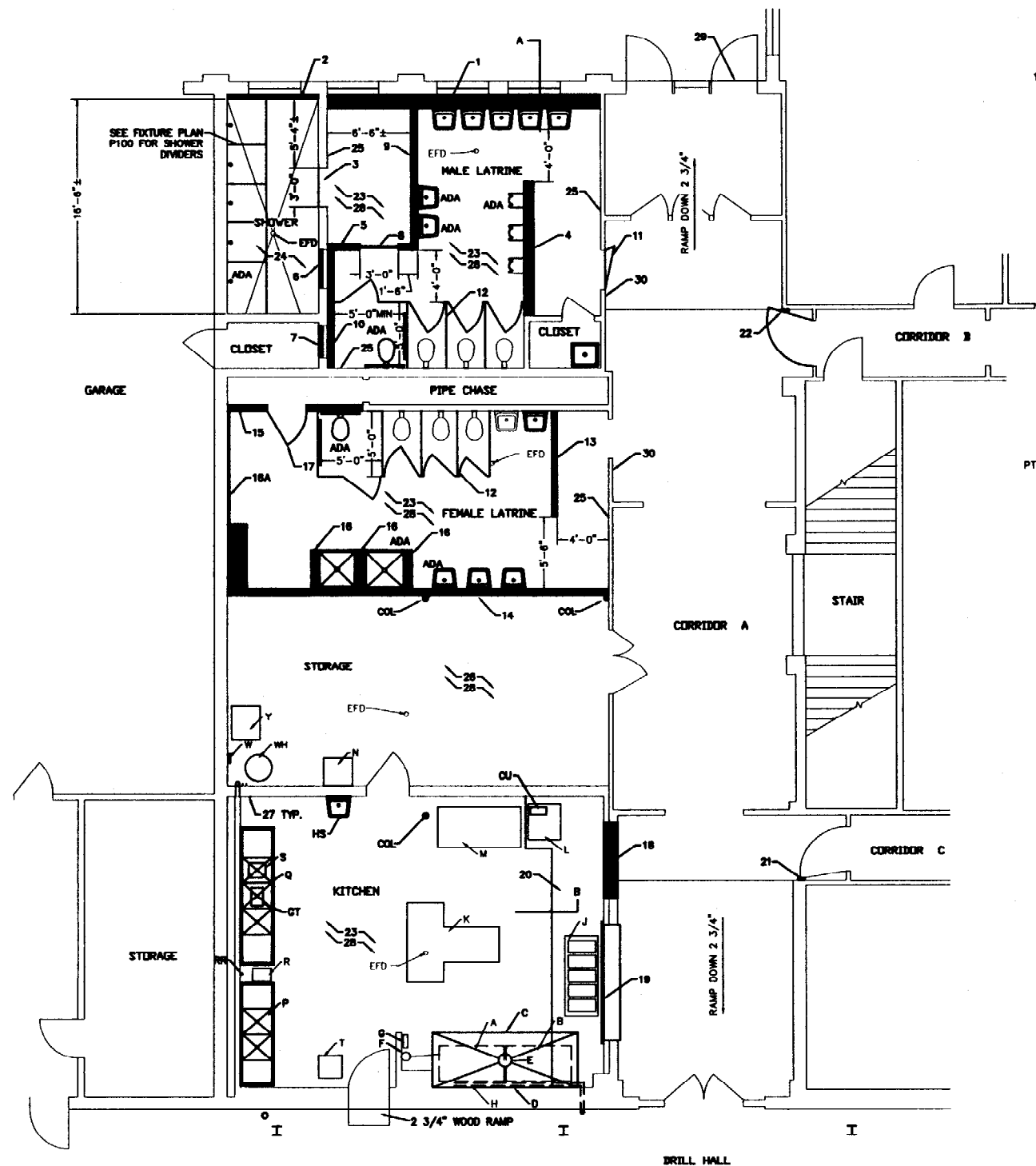
STATE OF MAINE
DEPARTMENT OF DEFENSE, VETERANS AND EMERGENCY MANAGEMENT
DIRECTORATE OF FACILITIES ENGINEERING
PROJECT: KITCHEN & LATRINE RENOV.
EXISTING & DEMO PLANS

LOCATION: STEVENS AVE. PORTLAND, ME

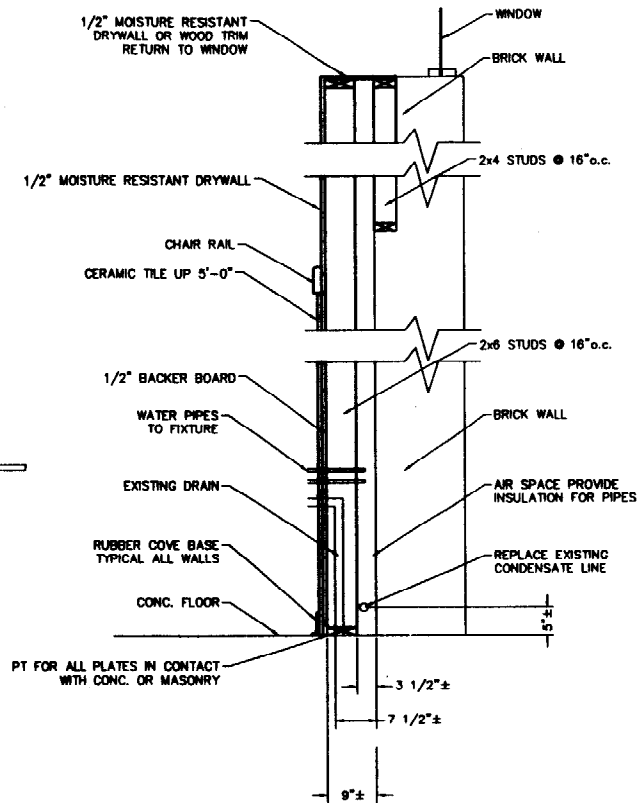
SCALE: 3/16"=1'-0"

DATE: 4 MARCH 09

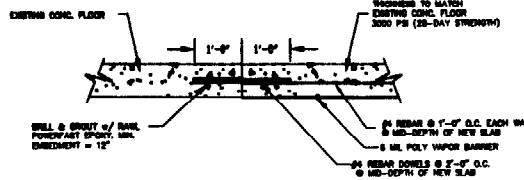
DRAWN BY: NLS
CHECKED BY: NGM



NEW FLOOR PLAN
SCALE 3/16" = 1'-0" reduced



SECTION "A"
SCALE 3/16" = 1'-0" reduced



SECTION "B"
NOT TO SCALE

FIXTURE SCHEDULE

ITEM	DESCRIPTION
A	GARLAND GAS RANGE
B	GARLAND GAS RANGE
C	NEW EXHAUST HOOD
D	NEW STN. STL. BACK SPLASH
E	NEW EXHAUST FAN
F	FIRE SUPPRESSION SYSTEM KIDDE WHDR-400L
G	FIRE SUPPRESSION CONTROL BOX KIDDE KRS-50
H	GAS LINE
J	STN. STL. MOBILE FOOD SERVING TABLE
K	STN. STL. WORK TABLE & UTENSIL RACK
L	MOBILE SHELVES
M	REFRIGERATOR
N	ICE MAKER
P	NEW STN. STL. VEGETABLE SINK
Q	NEW STN. STL. POT & PAN SINK
R	VEGETABLE PEELER
RR	NEW WATER FAUCET FOR VEGETABLE PEELER
S	NEW SINK HEATER
T	MIXER
WH	HOT WATER HEATER RHEEM MODEL # 81G-800 240V 1PH 4500W 80 GAL.
W	WATER HEATER ELECT. BOX ITE F351
Y	FREEZER BRADFORD 19 30AMP 800V 3PH 480V.
GT	NEW GREASE TRAP
ED	EXIST. FLOOR DRAIN
COL	EXIST. COLUMN
HS	NEW HAND SINK
CU	COFFEE URNS

NOTES:

- 2"x6" STUD WALL @ 16"oc WITH 1/2" BACKER BOARD AND CERAMIC TILE UP 5'-0" WITH CHAIR RAIL AND 1/2" MOISTURE RESISTANT DRYWALL ABOVE. RETURN WALL AND TRIM AT WINDOWS. PROVIDE BACKING FOR LAVATORY SUPPORT. COORDINATE WITH NEW AND EXISTING PLUMBING.
- 2"x4" STUD WALL @ 16"oc WITH 1/2" BACKER BOARD AND CERAMIC TILE. RETURN AND TRIM AROUND WINDOW.
- PATCH NEW ENTRYWAY TO MATCH EXISTING. SEE DEMO DWG.
- 2"x8" STUD WALL @ 16"oc 6'-8" HIGH WITH 1/2" BACKER BOARD AND CERAMIC TILE UP 5'-0" WITH CHAIR RAIL AND 1/2" MOISTURE RESISTANT DRYWALL ABOVE EACH SIDE. PROVIDE BACKING FOR URINAL SUPPORTS. EXTEND POST AT END OF WALL & ANCHOR TO CEILING.
- 2"x6" STUD WALL @ 16"oc 6'-8" HIGH WITH 1/2" BACKER BOARD AND CERAMIC TILE UP 5'-0" WITH CHAIR RAIL AND 1/2" MOISTURE RESISTANT DRYWALL ABOVE EACH SIDE. POSITION TO MAINTAIN 4'-0" MINIMUM TO NEW TOILET PARTITIONS.
- CLOSE EXISTING OPENING WITH BRICKS FROM NEW ENTRYWAY CUT INTO SHOWER. MATCH INSIDE OF SHOWER WALL.
- CLOSE EXISTING OPENING WITH BRICKS OR 2"x6" STUDS @ 16"oc. FIBERGLASS INSULATION, & 1/2" DRYWALL ON CLOSET SIDE.
- NEW ROD & SHOWER CURTAIN.
- 2"x6" STUD WALL @ 16"oc 6'-8" HIGH WITH 1/2" BACKER BOARD AND CERAMIC TILE UP 5'-0" WITH CHAIR RAIL AND 1/2" MOISTURE RESISTANT DRYWALL ABOVE EACH SIDE. PROVIDE BACKING FOR LAVATORY SUPPORTS.
- 2"x4" STUD WALL @ 16"oc 8'-10"± HIGH OR STRAP WALL FROM FLOOR TO CEILING, WITH 1/2" BACKER BOARD AND CERAMIC TILE UP 5'-0" WITH CHAIR RAIL AND 1/2" MOISTURE RESISTANT DRYWALL ABOVE ON LATRINE SIDE.
- PROVIDE TRANSITION THRESHOLD TO SUIT SLOPED FLOOR RAMP.
- TOILET PARTITIONS. SEE PLUMBING PLAN.
- 2"x4" STUD WALL @ 16"oc 8'-10"± HIGH WITH BACKER BOARD AND CERAMIC TILE UP 5'-0" WITH CHAIR RAIL AND 1/2" MOISTURE RESISTANT DRYWALL ABOVE EACH SIDE.
- 2"x6" STUD WALL @ 16"oc 8'-10"± HIGH WITH BACKER BOARD AND CERAMIC TILE UP 5'-0" WITH CHAIR RAIL IN LATRINE. 1/2" MOISTURE RESISTANT DRYWALL ABOVE AND ON STORAGE ROOM SIDE. PROVIDE BLOCKING AS REQUIRED FOR MOUNTING LAVATORIES.
- 2"x4" STUD WALL @ 16"oc 8'-10"± HIGH WITH BACKER BOARD AND CERAMIC TILE UP 5'-0" WITH CHAIR RAIL IN LATRINE. 1/2" MOISTURE RESISTANT DRYWALL ABOVE. PROVIDE BLOCKING AS REQUIRED FOR MOUNTING GRAB BARS.
- 2"x6" STUD WALL @ 16"oc 8'-10"± HIGH WITH BACKER BOARD AND CERAMIC TILE UP 5'-0" WITH CHAIR RAIL IN FEMALE LATRINE 1/2" MOISTURE RESISTANT DRYWALL ABOVE AND ON STORAGE ROOM SIDE. COORDINATE LOCATION OF BLOCKING, BOX OUTS, AND PIPE LOCATIONS WITH SHOWER DRAWINGS.
- 16A STRAP WALL 8'-10"± HIGH, ADD BACKER BOARD WITH CERAMIC TILE UP 5'-0" WITH CHAIR RAIL. 1/2" MOISTURE RESISTANT DRYWALL ABOVE.
- INSTALL NEW WOOD DOOR FRAME AND RELOCATE DOOR REMOVED FROM FEMALE LATRINE.
- CLOSE EXISTING OPENING WITH BRICK AND STUD WALL TO MATCH EXISTING OR 2"x STUD WALL @ 16"oc TO SUIT WALL THICKNESS. AND 2 LAYERS 5/8" TYPE X GYPSUM WALLBOARD APPLIED TO EACH SIDE. USE 8d COATED NAILS 24"oc FOR BASE LAYER AND 8d COATED NAILS 24"oc FOR FACE LAYER. STAGGER VERTICAL JOINTS 16"oc EACH LAYER AND SIDE. [2 HOUR FIRE RATING]
- STAINLESS STEEL ROLLING COUNTER FIRE DOOR 8'-0" WIDE x 3'-8"± HIGH, WITH STAINLESS STEEL COUNTERTOP 36"± ABOVE FINISH FLOOR WITH STAINLESS STEEL SILL. DOOR TO BE SURFACE MOUNTED ON INSIDE OF 8" BRICK WALL. DOOR TO BE 3 HOUR FIRE RATED, MANUAL PUSH-UP OPERATED WITH AN AUTOMATIC RELEASE FUSIBLE LINK CLOSING DEVICE. PROVIDE SHOP DRAWINGS FOR APPROVAL AND FIELD CHECK ALL DIMENSIONS.
- NEW CONCRETE FLOOR, THICKNESS TO MATCH EXISTING, 3,000psi (28-DAY STRENGTH) w/ #4 REBAR @ 1'-0"oc EACH WAY. ANCHOR TO EXISTING SLAB w/ #4 REBAR DOWELS @ 2'-0"oc SET IN EXISTING SLAB w/ RAWL POWERFAST EPOXY 12" MINIMUM. SEE SECTION "B".
- MAGNETIC DOOR HOLD OPEN DEVICE CONNECTED TO FIRE ALARM SYSTEM.
- INSTALL 45 MINUTE FIRE RATED DOOR IN EXISTING STEEL FRAME. INSTALL PANIC HARDWARE AND MAGNETIC DOOR HOLD OPEN IN VENT CONNECTED TO FIRE ALARM SYSTEM. FIELD VERIFY EXISTING CONDITIONS.
- FLOORS IN LATRINES AND KITCHEN TO BE NEW CERAMIC TILE.
- CLEAN AND SEAL FLOOR TILE IN MALE SHOWER. PATCH, CLEAN AND SEAL GLAZED BRICK WALLS IN MALE SHOWER.
- PATCH, CLEAN AND SEAL EXPOSED MASONRY WALLS IN LATRINES.
- PATCH, CLEAN AND PAINT FLOOR AND WALLS IN STORAGE ROOM.
- REMOVE PANELING ON WALLS IN KITCHEN, STRAP WALLS IF REQUIRED AND ATTACH BACKER BOARD AND CERAMIC TILE FROM FLOOR TO CEILING UNLESS OTHERWISE NOTED.
- PATCH, CLEAN AND PAINT ALL CEILINGS, EXPOSED DUCTS AND PIPES TO MATCH EXISTING IN SHOWER, LATRINES, STORAGE ROOM, AND KITCHEN.
- PATCH PAVING AT DOOR TO MATCH FLOOR LEVEL.
- SIGN, ONE WOMEN & ONE MEN, WITH ACCESSIBILITY SYMBOL WITH UPPER CASE RAISED LETTERS, SANS SEIF WITH GRADE 2 BRAILLE LETTERS AT LEAST 5/8" HIGH. EGGHELL MATTE FINISH. MOUNT CENTER LINE OF SIGN 60 INCHES ABOVE FLOOR.
- STAINLESS STEEL BACK SPLASH 24 GAUGE ON 1x4 STRAPPING @ 16"oc ATTACHED TO BRICK WALL.
- PROVIDE NEW LEGS FOR EXISTING GARLAND GAS STOVE, SUPPORTED ON RAISED CONCRETE FLOOR. HEIGHT TO MATCH EXISTING GAS STOVE (A).
- NEW STAINLESS STEEL EXHAUST HOOD WITH SUPPLY AND EXHAUST, SEE MECHANICAL DRAWINGS.
- ALL WOOD WALL PLATES IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE TREATED.
- PROVIDE RUBBER COVE BASE AT ALL WALLS.
- INSULATE ALL NEW STUD WALLS. PROTECT ANY PIPES FROM FREEZING.
- ALL DRYWALL WALLS TO BE PAINTED WITH SEMI-GLOSS-VINYL ACRYLIC LATEX. 1 COAT PRIMER, BENJAMIN MOORE "MOORCRAFT VINYL LATEX PRIMER SEALER (273)", OR EQUAL. 2 COATS FINISH, BENJAMIN MOORE "MOORCRAFT SEMI-GLOSS (275)", OR EQUAL.

ALL NEW CONSTRUCTION TO COMPLY WITH THE 1998 B.C.C.A. BUILDING CODE AS AMENDED BY SECTION 6-ART 11.
ALL NEW CONSTRUCTION TO COMPLY WITH THE MAINE HUMAN RIGHTS LAW AND FEDERAL AMERICANS WITH DISABILITY ACT.

STATE OF MAINE
DEPARTMENT OF DEFENSE, VETERANS AND EMERGENCY MANAGEMENT
DIRECTORATE OF FACILITIES ENGINEERING
PROJECT: KITCHEN & LATRINES RENOV.
FIRST FLOOR PLAN

LOCATION: STEVENS AVE. PORTLAND, ME

SCALE: AS NOTED
DATE: 4 MARCH 03
SHEET NO. A100

LEGEND

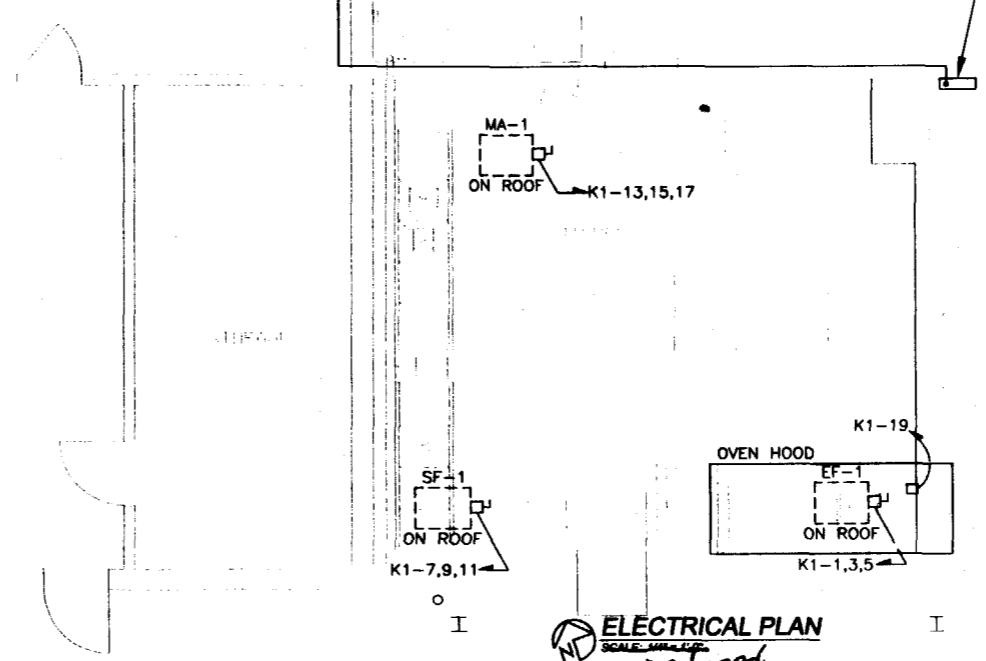
- ☐ DISCONNECT SWITCH - 60A 3-POLE 208V UNLESS INDICATED OTHERWISE
- ☒-40A FUSED SAFETY SWITCH WITH FUSE RATING
- SURFACE MOUNT ELECTRICAL PANEL
- HOME RUN WITH PANEL AND CIRCUIT #
- CABLE RUN - #12 AWG UNLESS INDICATED OTHERWISE.
- CONDUIT RUN - 3/4" EMT UNLESS NOTED OTHERWISE.

PANEL K1													
AMPS 100		MAIN MLO VOLTS 208/120		PHASE 3		SHORT CIR. RATING 10000		MOUNTING SURFACE					
BRKR		CIRCUIT		PHASE LOAD			CIRCUIT			DESCRIPTION	BRKR		
A	P	V/A	TPE	NO.	A	B	C	NO.	TPE	V/A	A	P	
20	3	900	G	1	90			2	-	-	SPARE	20	1
20	-	900	G	3		90		4	-	-	SPARE	20	1
20	-	900	G	5			90	6	-	-	SPARE	20	1
20	3	900	G	7	90			8	-	-	SPARE	20	1
20	-	900	G	9		90		10	-	-	BLANK	-	-
20	-	900	G	11			90	12	-	-	BLANK	-	-
20	3	420	G	13	40			14	-	-	BLANK	-	-
20	-	420	G	15		40		16	-	-	BLANK	-	-
20	-	420	G	17			40	18	-	-	BLANK	-	-
20	1	400	IL	19	40			20	-	-	BLANK	-	-
20	1	-	-	21	-	-	-	22	-	-	BLANK	-	-
20	1	-	-	23	-	-	-	24	-	-	BLANK	-	-
TOTAL PHASE LOAD					260	220	220						
											TOTAL LOAD		
											7.08		KVA
											19.6		AMPS

TERMINATE FEEDER FOR NEW PANEL BOARD K1 AT EXISTING SWITCH GEAR. PROVIDE NEW 100A 3-POLE CIRCUIT BREAKER.

PROVIDE (3)#2 AWG + #8 GND IN 1-1/2" RGS CONDUIT

PROVIDE NEW PANEL BOARD K1, 100A 24-POLE 3-PHASE.



ELECTRICAL PLAN
SCALE: 1/4" = 1'-0"
Reduced

**STEVENS AVENUE ARMORY
KITCHEN HOOD INSTALLATION**

Portland Maine

ELECTRICAL PLAN

REV.	DATE	DESCRIPTION	CHECKED BY:

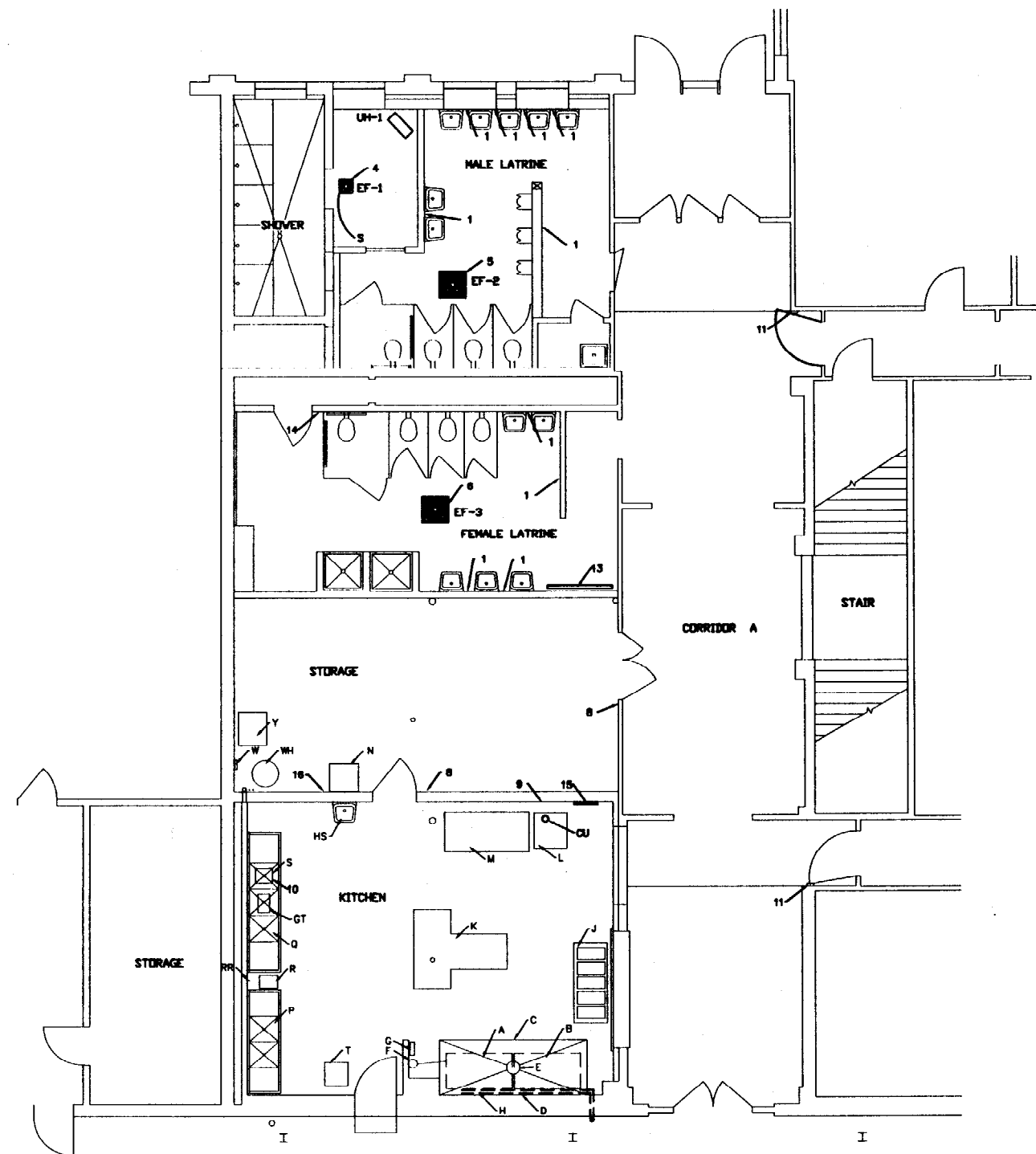
AMES A/E
ARCHITECTS & ENGINEERS

115 Main Street
Bangor, ME 04402-2810
PHONE: 207-947-0233
FAX: 207-941-1921
www.amesae.com

DATE: January 23, 2003

E100

PROJECT NO. 03003.01



ELECTRICAL PLAN

SCALE 3/16" = 1' - 0" reduced

NOTES:

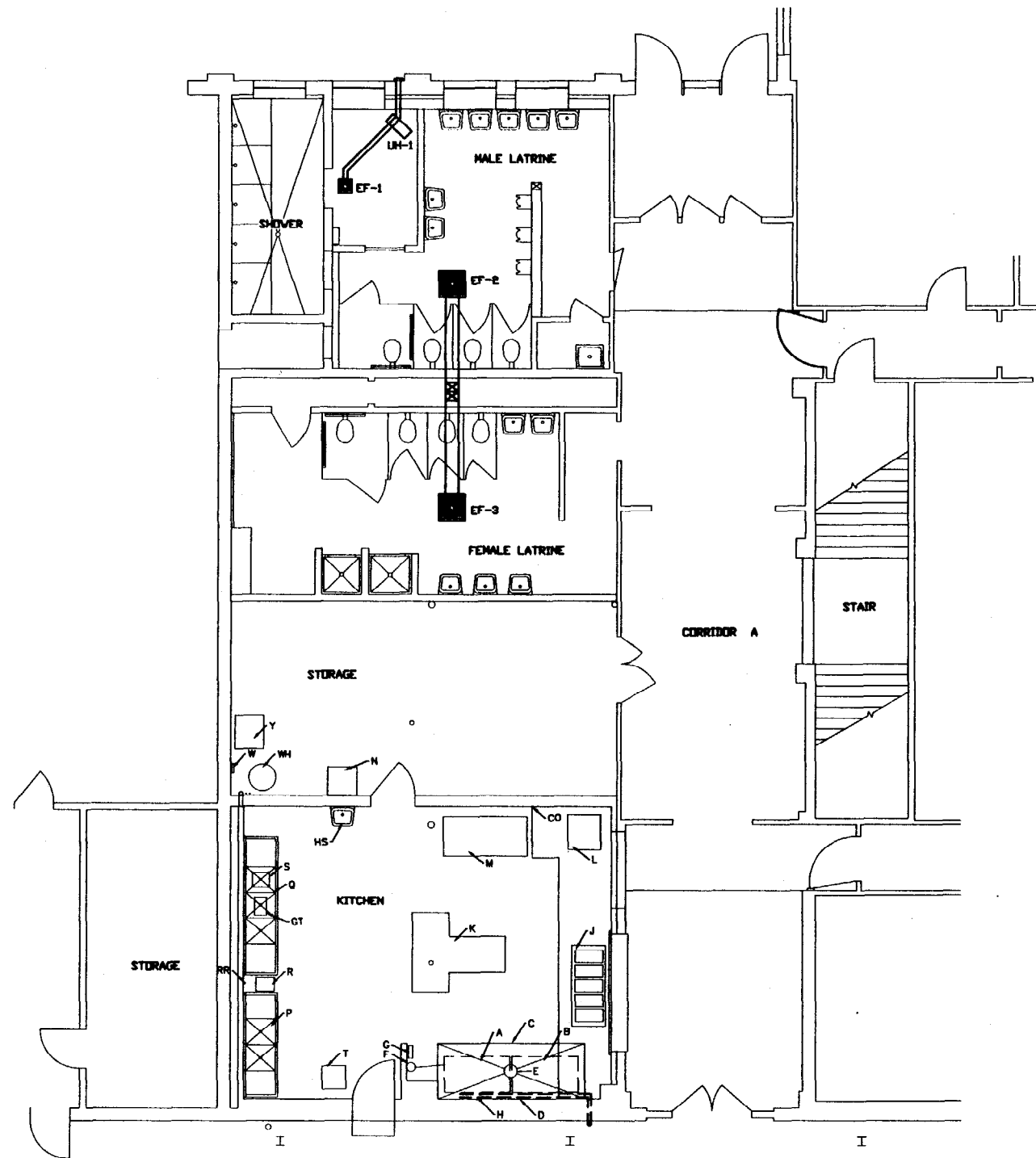
- 1 PROVIDE AND INSTALL DUPLEX RECEPTACLES AS NOTED. ALL DUPLEX RECEPTACLES SHALL BE GFCI.
 - 2 ALL EXISTING FLUORESCENT LIGHTS TO BE REMOVED AND REPLACED WITH TB FIXTURES. USE SAME WIRING AND SWITCHES UNLESS NOTED.
 - 3 SEE DRAWING E100 FOR ELECTRICAL FOR KITCHEN VENTILATION.
 - 4 EXHAUST FAN IN MALE CHANGING AREA (EF-1) TO BE BROAN SOLITAIRE MODEL S90. 120 VOLTS, 50 WATTS, 0.5 AMPS. PROVIDE SWITCH NEXT TO SHOWER ENTRY. DETERMINE EXACT LOCATION IN FIELD AS REQUIRED.
 - 5 EXHAUST FAN IN MALE LATRINE (EF-2) TO BE BROAN LOSONE SELECT L900 SERIES. 120 VOLTS, 308 WATTS, 3.0 AMPS. WIRE TO CEILING LIGHT SWITCH. DETERMINE EXACT LOCATION IN FIELD AS REQUIRED.
 - 6 EXHAUST FAN IN FEMALE LATRINE (EF-3) TO BE BROAN LOSONE SELECT L900 SERIES. 120 VOLTS, 308 WATTS, 3.0 AMPS. WIRE TO CEILING LIGHT SWITCH. DETERMINE EXACT LOCATION IN FIELD AS REQUIRED.
 - 7 LIGHTS THAT WERE IN STORAGE THAT ARE NOW LOCATED IN FEMALE LATRINE TO BE WRED TO LATRINE SWITCH.
 - 8 REMAINING LIGHTS IN STORAGE ROOM TO BE WRED TO 3-WAY SWITCHES, ONE AT EACH DOOR.
 - 9 PROVIDE A DEDICATED DUPLEX RECEPTACLE FOR COFFEE URNS.
 - 10 PROVIDE RECEPTACLE FOR SINK BOOSTER HEATER. COORDINATE REQUIREMENTS WITH HEATER SHOP DRAWINGS.
 - 11 COORDINATE MAGNETIC HOLD OPEN DEVICES WITH FIRE ALARM SYSTEM. SEE NOTES 21 & 27 ON DRAWING A100.
 - 12 VERIFY ALL EXISTING ELECTRICAL CIRCUITS IN FIELD.
 - 13 PROVIDE AND INSTALL ELECTRICAL HEAT UNIT WITH THERMOSTAT AND CONTROLS (BERKO HEATER FRA 4024/FRASM).
 - 14 PROVIDE LIGHTS IN PIPE CHASE/STORAGE WITH SWITCH BESIDE DOOR.
 - 15 NEW PANEL BOARD SEE DRAWING E100. MAINTAIN 3'-0" CLEAR IN FRONT.
 - 16 PROVIDE NEW RECEPTACLE FOR SCOTSMAN ICE MAKER [N].
- * REUSE EXISTING ELECTRICAL ITEMS WHEN POSSIBLE.
- * LOCATIONS AND CIRCUITS FOR UH-1, EF-1, EF-2, EF-3, ELECTRIC HEATER #13, SINK BOOSTER HEATER #10, AND OTHER NEW ELECTRICAL ITEMS TO BE DETERMINED IN FIELD BY ELECTRICAL CONTRACTOR AS REQUIRED TO SUIT EXISTING LOADS.

FIXTURE SCHEDULE

ITEM	DESCRIPTION
A	GARLAND GAS RANGE
B	GARLAND GAS RANGE
C	NEW EXHAUST HOOD
D	NEW STN. STL. BACK SPLASH
E	NEW EXHAUST FAN
F	FIRE SUPPRESSION SYSTEM KIDDE WHDR-400L
G	FIRE SUPPRESSION CONTROL BOX KIDDE KRS-50
H	GAS LINE
J	STN. STL. MOBILE FOOD SERVING TABLE
K	STN. STL. WORK TABLE & UTENSIL RACK
L	MOBILE SHELVES
M	REFRIGERATOR
N	ICE MAKER
P	STN. STL. VEGETABLE SINK
Q	STN. STL. POT & PAN SINK
R	VEGETABLE PEELER
RR	WATER FAUCET FOR VEGETABLE PEELER
S	SINK HEATER
T	MIXER
WH	HOT WATER HEATER RHEEM MODEL # 81G-800 240V 1PH 4500W 80 GAL.
W	WATER HEATER ELECT. BOX ITE F351
Y	FREEZER BRADFORD 19 30AMP 600V 3PH 480V.
GT	NEW GREASE TRAP
HS	NEW HAND SINK
CU	COFFEE URNS

ALL NEW ELECTRICAL WORK TO COMPLY WITH THE 1990 NATIONAL ELECTRICAL CODE AS AMENDED BY SECTION 6-ART 111.

Work by State of Maine Master Electrician # MS6000 3486		STATE OF MAINE DEPARTMENT OF DEFENSE, VETERANS AND EMERGENCY MANAGEMENT DIRECTORATE OF FACILITIES ENGINEERING PROJECT: KITCHEN & LATRINE RENOV. ELECTRICAL PLAN	
DATE: 4 MARCH 03	SCALE: AS NOTED	LOCATION: STEVENS AVE. PORTLAND, ME	PROJECT NO: E200
DESIGNED BY: NLS	CHECKED BY: NGM	DATE: 4 MARCH 03	PROJECT NO: E200



MECHANICAL PLAN

SCALE 3/16" = 1'-0" reduced

NOTES:

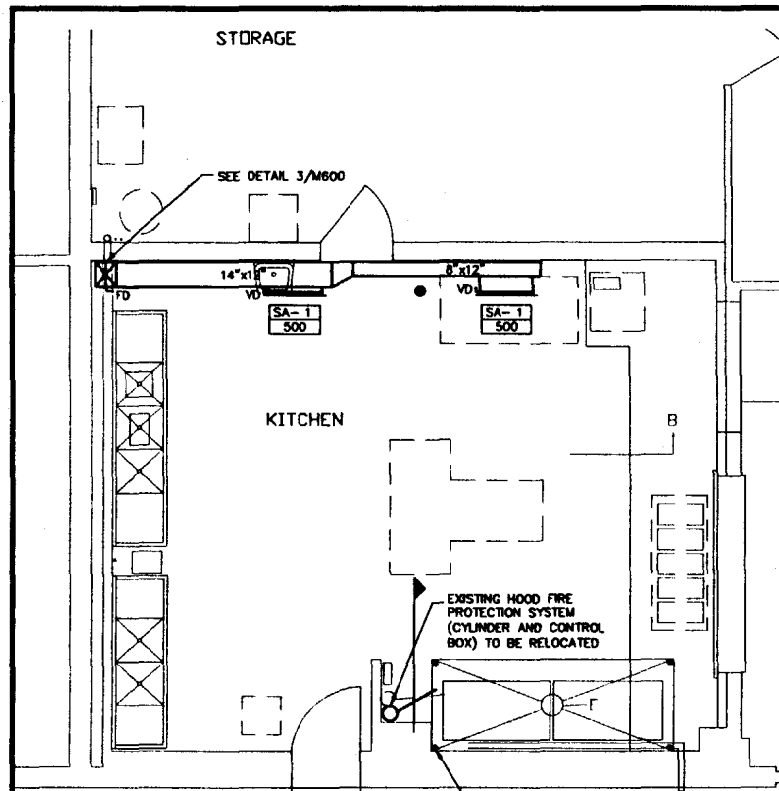
- 1 PROVIDE PIPE INSULATION FOR ALL PIPES. INSULATE WALL AND PIPES BEHIND KITCHEN SINKS.
- 2 SEE DRAWING M200 FOR KITCHEN VENTILATION.
- 3 SEE DRAWING E100 FOR ELECTRICAL INFORMATION.
- 4 EXHAUST FAN IN MALE CHANGING AREA (EF-1) TO BE BROAN SOLITAIRE MODEL S90. MOUNT CLOSE TO CEILING WITH 4" ROUND DUCTWORK TO OUTSIDE WALL. PROVIDE SWITCH NEXT TO SHOWER ENTRY. DETERMINE EXACT LOCATION IN FIELD AS REQUIRED.
- 5 EXHAUST FAN IN MALE LATRINE (EF-2) TO BE BROAN LOSONE SELECT L900 SERIES. MOUNT CLOSE TO CEILING WITH 8"x12" EXHAUST DUCTWORK TO PIPE CHASE AND UP THROUGH ROOF. WIRE TO CEILING LIGHT SWITCH. DETERMINE EXACT LOCATION IN FIELD AS REQUIRED.
- 6 EXHAUST FAN IN FEMALE LATRINE (EF-3) TO BE BROAN LOSONE SELECT L900 SERIES. MOUNT CLOSE TO CEILING WITH 8"x12" EXHAUST DUCTWORK TO PIPE CHASE AND UP THROUGH ROOF. WIRE TO CEILING LIGHT SWITCH. DETERMINE EXACT LOCATION IN FIELD AS REQUIRED.
- 7 HEATING UNIT IN MALE LATRINE (UH-1) TO BE BROAN MODEL SH 24 CONNECTED TO EXISTING STEAM PIPES AND THERMOSTAT. EXISTING CONDENSATE PIPE BY EXTERIOR WALL UNDER LAVATORIES NEEDS TO BE REPLACED.
- 8 SEE DRAWINGS M200 & M700 FOR KITCHEN PLANS AND DETAILS.

FIXTURE SCHEDULE

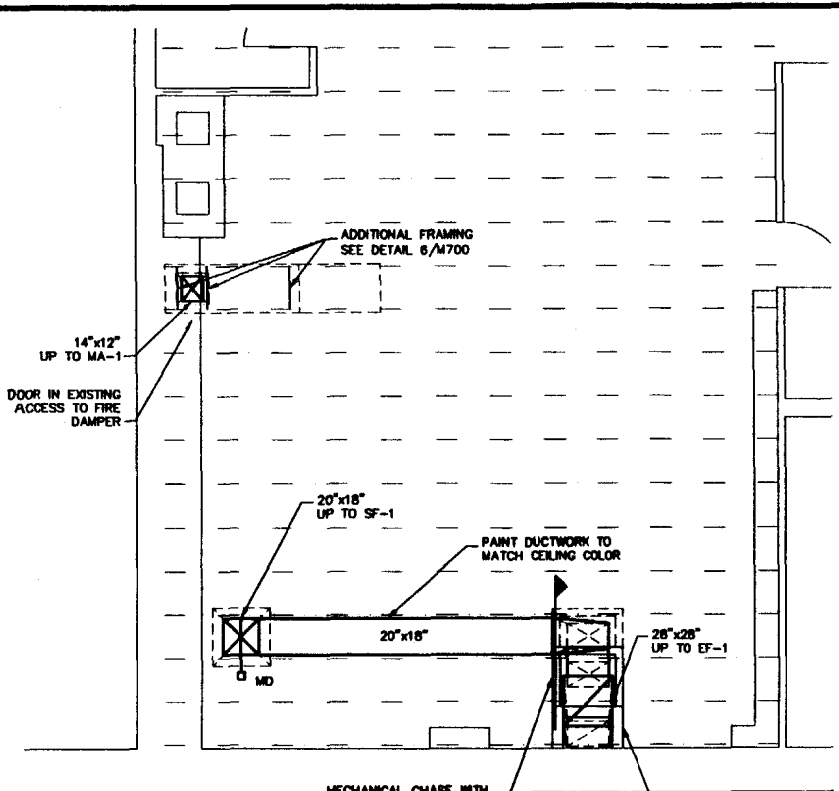
ITEM	DESCRIPTION
A	GARLAND GAS RANGE
B	GARLAND GAS RANGE
C	NEW EXHAUST HOOD
D	NEW STN. STL. BACK SPLASH
E	NEW EXHAUST FAN
F	FIRE SUPPRESSION SYSTEM KIDDE WHDR-400L
G	FIRE SUPPRESSION CONTROL BOX KIDDE KRS-50
H	GAS LINE
J	STN. STL. MOBILE FOOD SERVING TABLE
K	STN. STL. WORK TABLE & UTENSIL RACK
L	MOBILE SHELVES
M	REFRIGERATOR
N	ICE MAKER
P	STN. STL. VEGETABLE SINK
Q	STN. STL. POT & PAN SINK
R	VEGETABLE PEELER
RR	WATER FAUCET FOR VEGETABLE PEELER
S	SINK HEATER
T	MIXER
WH	HOT WATER HEATER RHEEM MODEL # 810-800 240V 1PH 4500W 80 GAL.
W	WATER HEATER ELECT. BOX ITC F351
Y	FREEZER BRADFORD 19 30AMP 600V 3PH 480V.
GT	NEW GREASE TRAP
HS	NEW HAND SINK
CO	DEDICATED OUTLETS FOR COFFEE URNS

ALL NEW MECHANICAL WORK TO COMPLY WITH THE 1993 BOCA MECHANICAL CODE.

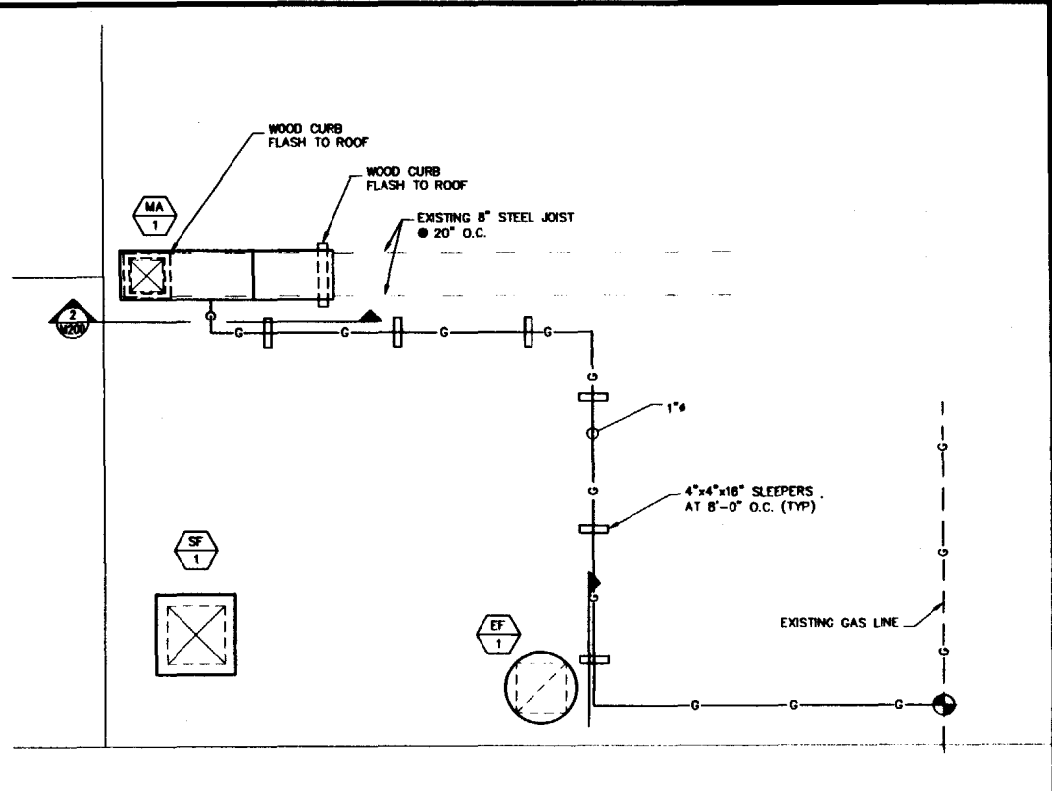
		STATE OF MAINE	
		DEPARTMENT OF DEFENSE, VETERANS AND EMERGENCY MANAGEMENT DIRECTORATE OF FACILITIES ENGINEERING PROJECT: KITCHEN & LATRINE RENOV. MECHANICAL PLAN	
DRAWN BY: NLS CHECKED BY: NGM	LOCATION: STEVENS AVE. PORTLAND, ME SCALE: AS NOTED DATE: 4 MARCH 03	SHEET NO.: M100	PROJECT NO.:



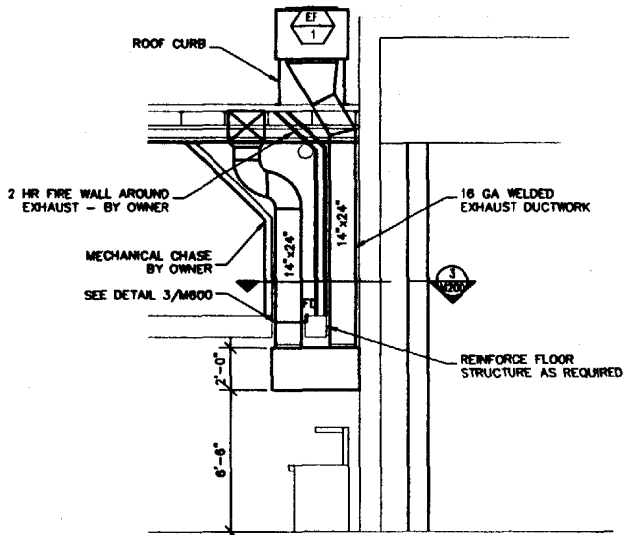
FIRST FLOOR PLAN
SCALE: 1/8" = 1'-0"



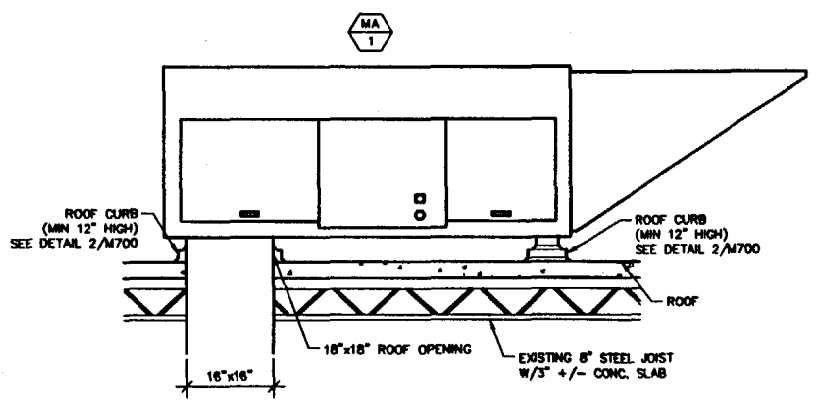
SECOND FLOOR PLAN
SCALE: 1/8" = 1'-0"



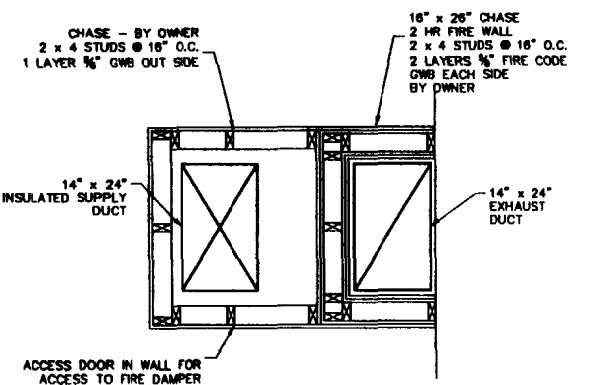
ROOF PLAN
SCALE: 1/8" = 1'-0"



1 SECTION
SCALE: 3/8" = 1'-0"



2 MAKE-UP AIR UNIT (MA-1) ELEVATION
SCALE: 3/8" = 1'-0"



3 CHASE DETAIL
SCALE: 3/8" = 1'-0"

LEGEND

	UNIT ABBREVIATION
	EQUIPMENT DESIGNATION
	UNIT NUMBER
	GRILLE DESIGNATION W/CFM
	MOTOR OPERATED DAMPER
	RECTANGULAR DUCT (R" x H")
	NATURAL GAS LINE
	DUCT TEMPERATURE SENSOR
	FIRE DAMPER
	VOLUME DAMPER, MANUAL
	SYMBOL FOR CONNECTION TO EXISTING

reduced size

**STEVENS AVENUE ARMORY
KITCHEN HOOD INSTALLATION**

Portland
Maine



VENTILATION PLANS AND SECTION

REV.	DATE	DESCRIPTION

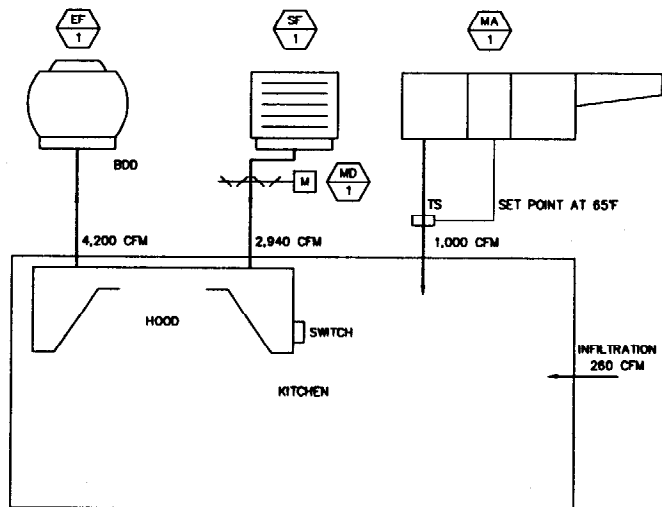
DRAWN BY: MAC
CHECKED BY: MAC

AMES A/E
ARCHITECTS & ENGINEERS

115 Main Street
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Bangor, ME 04402-2610

PHONE: 207-947-0153
FAX: 207-943-1921
www.amesae.com

DATE: January 23, 2003
M200
PROJECT NO. 03003.01



1 KITCHEN HOOD CONTROL
SCALE: NONE

CONTROL SEQUENCE:

SYSTEM IS TURNED ON/OFF BY THE FAN SWITCHES OF THE KITCHEN HOOD. WHEN THE SYSTEM IS TURNED ON FANS EF-1, SF-1 AND MAKE-UP AIR UNIT MA-1 ARE ACTIVATED. MOTORIZED DAMPER MD-1 IS OPENED AND THE INTERNAL MOTORIZED DAMPER IN MA-1 IS OPENED.

SUPPLY AIR TEMPERATURE FROM THE MAKE-UP AIR UNIT IS SET UP FOR 65°F. DUCT TEMPERATURE SENSOR TS CONTROLS THE MODULATING BURNER OF THE FURNACE TO KEEP THE DISCHARGE AIR TEMPERATURE AT THE SET POINT. WHEN THE SYSTEM IS SHUT OFF, FANS EF-1, SF-1 AND MAKE-UP AIR UNIT MA-1 ARE DEACTIVATED. THE MOTORIZED DAMPER MD-1 IS CLOSED AND THE INTERNAL MOTORIZED DAMPER OF MA-1 IS CLOSED.

KITCHEN HOOD SPECIFICATIONS:

PROVIDES KES SHORT-CYCLE HOOD WITH FULLY ADJUSTABLE AND ROTATABLE AIR NOZZLES COMPLETE WITH INSULATED AIR PLENUM, PRE-WIRED UL AND NSF LIGHTS, GREASE TROUGH AND FILTERS (STEEL-MESH, ALUMINUM EXTRACTOR, OR STAINLESS EXTRACTOR). HOOD SHALL BE FABRICATED IN ACCORDANCE WITH NFPA-96.

UNIT SHALL BE CONSTRUCTED OF 18 GA STAINLESS STEEL AND THE TOTAL UNIT SHALL BEAR THE NSF LABEL AND UL LISTING.

UNIT MODEL: KS-100
 UNIT SIZE: 48" WIDE x 144" LONG x 24" HEIGHT
 MATERIAL: 304 STAINLESS STEEL - 18 GA. STANDARD
 LIGHTS: (4) 100 WATT VAPOR PROOF INCANDESCENT UL LISTED FOR USE ON GREASE EXHAUST
 HOOD: 14" x 24" FACTORY CUT
 EXHAUST OPENING: 14" x 24" FACTORY CUT
 SUPPLY OPENING: ALUMINUM BAFFLE TYPE U.L. - (5) 16" x 16" (2) 16" x 20" (1) 16" x 25"
 FILTERS:
 FINISH: #3 POLISH STANDARD

SWITCH PACKAGE WITH FLUSH MOUNTED STAINLESS STEEL COVER AND JUNCTION BOX ON TOP OF HOOD (FAN SWITCH WILL ILLUMINATED TOGGLE)

LIGHT SWITCHES: (1) HOOD MOUNTED
 FAN SWITCHES: (2) 115V/1Ø/60 HZ

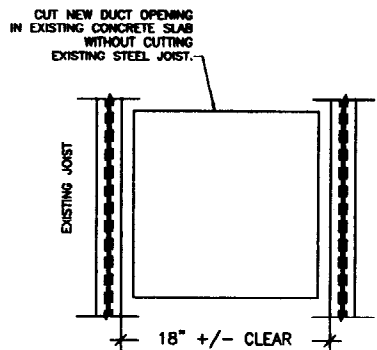
MAKE-UP AIR UNIT SCHEDULE													
TAG	MANUFACTURER	MODEL	AREA SERVED	LOCATION	HEATING CAP. (MBH)		AIR S.P. LOSS INCH H2O	FA CFM	FAN MOTOR DATA				NOTES
					INPUT	OUTPUT			HP	V	PH	RPM	
MA-1	ACME	DFGH-1	KITCHEN	ROOF	500	400	1.25	1,000	.75	200	3	-	①②

- 3/4" GAS CONNECTION.
- WITH ROOF CURB

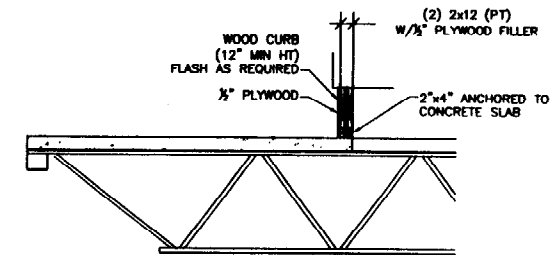
FAN SCHEDULE														
TAG	MANUFACTURER	MODEL	TYPE	LOCATION	CFM	S.P. (IN. W.G.)	FAN RPM	MOTOR DATA			DRIVE TYPE	SONES	NOTES	
								HP	V	PH				
EF-1	ACME	PNU200RGL	CENTRIF	ROOF	4,200	1.25	1337	2	200	3	1,750	BELT	19.5	①②
SF-1	ACME	AFSN12BL2	CENTRIF	ROOF	2,940	1.5	1098	2	200	3	1,750	BELT	16.5	①

- WITH ROOF CURB
- WITH BACK DRAFT DAMPER

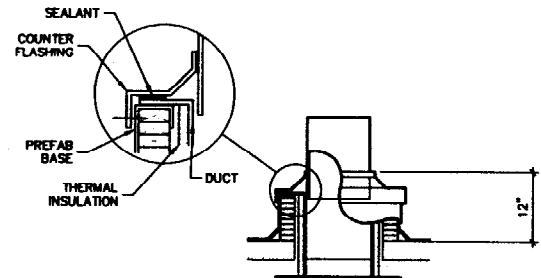
REGISTER, GRILLE AND DIFFUSER SCHEDULE											
TAG	MANUFACTURER	MODEL	RECT. NECK SIZE	ROUND NECK SIZE	FACE SIZE	CFM RANGE	FRAME TYPE	MOUNTING	HC LEVEL	NOTES	
										1	2
SA-1	PRICE	600	30" x 10"	-	30" x 10"	500	F	ON DUCT	30	30" x 10" / 600 F/L/B12	



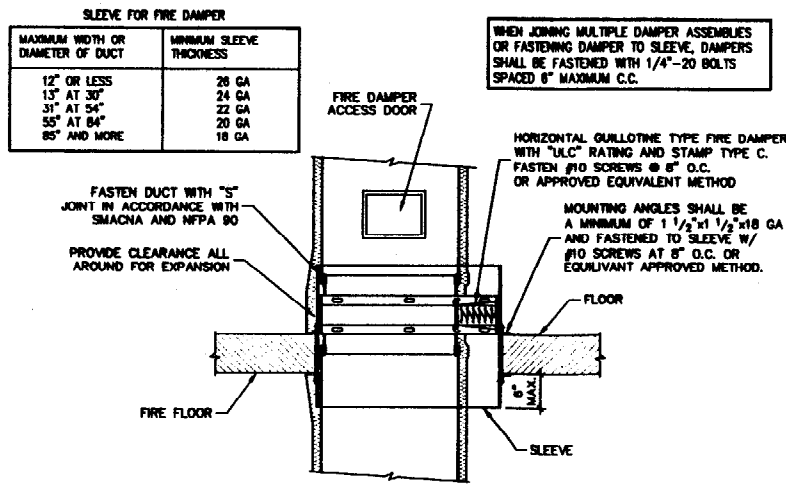
6 ROOF SLAB OPENING
SCALE: NTS



5 JOIST REINFORCEMENT BETWEEN PANEL POINTS
SCALE: NONE



2 ROOF CURB DETAIL FOR ROOF UNITS
SCALE: NONE



3 FIRE DAMPER AT FLOOR
SCALE: NONE

SLEEVE FOR FIRE DAMPER	
MAXIMUM WIDTH OR DIAMETER OF DUCT	MINIMUM SLEEVE THICKNESS
12" OR LESS	26 GA
13" AT 30"	24 GA
31" AT 54"	22 GA
55" AT 84"	20 GA
85" AND MORE	18 GA

WHEN JOINING MULTIPLE DAMPER ASSEMBLIES OR FASTENING DAMPER TO SLEEVE, DAMPERS SHALL BE FASTENED WITH 1/4"-20 BOLTS SPACED 8" MAXIMUM C.C.

HORIZONTAL GULLOTINE TYPE FIRE DAMPER WITH "ULC" RATING AND STAMP TYPE C. FASTEN #10 SCREWS @ 8" O.C. OR APPROVED EQUIVALENT METHOD. MOUNTING ANGLES SHALL BE A MINIMUM OF 1 1/2" x 1 1/2" x 18 GA AND FASTENED TO SLEEVE W/ #10 SCREWS AT 8" O.C. OR EQUIVALENT APPROVED METHOD.

FASTEN DUCT WITH "S" JOINT IN ACCORDANCE WITH SMACNA AND NFPA 96. PROVIDE CLEARANCE ALL AROUND FOR EXPANSION.

**STEVENS AVENUE ARMORY
KITCHEN HOOD INSTALLATION**

Maine
Portland

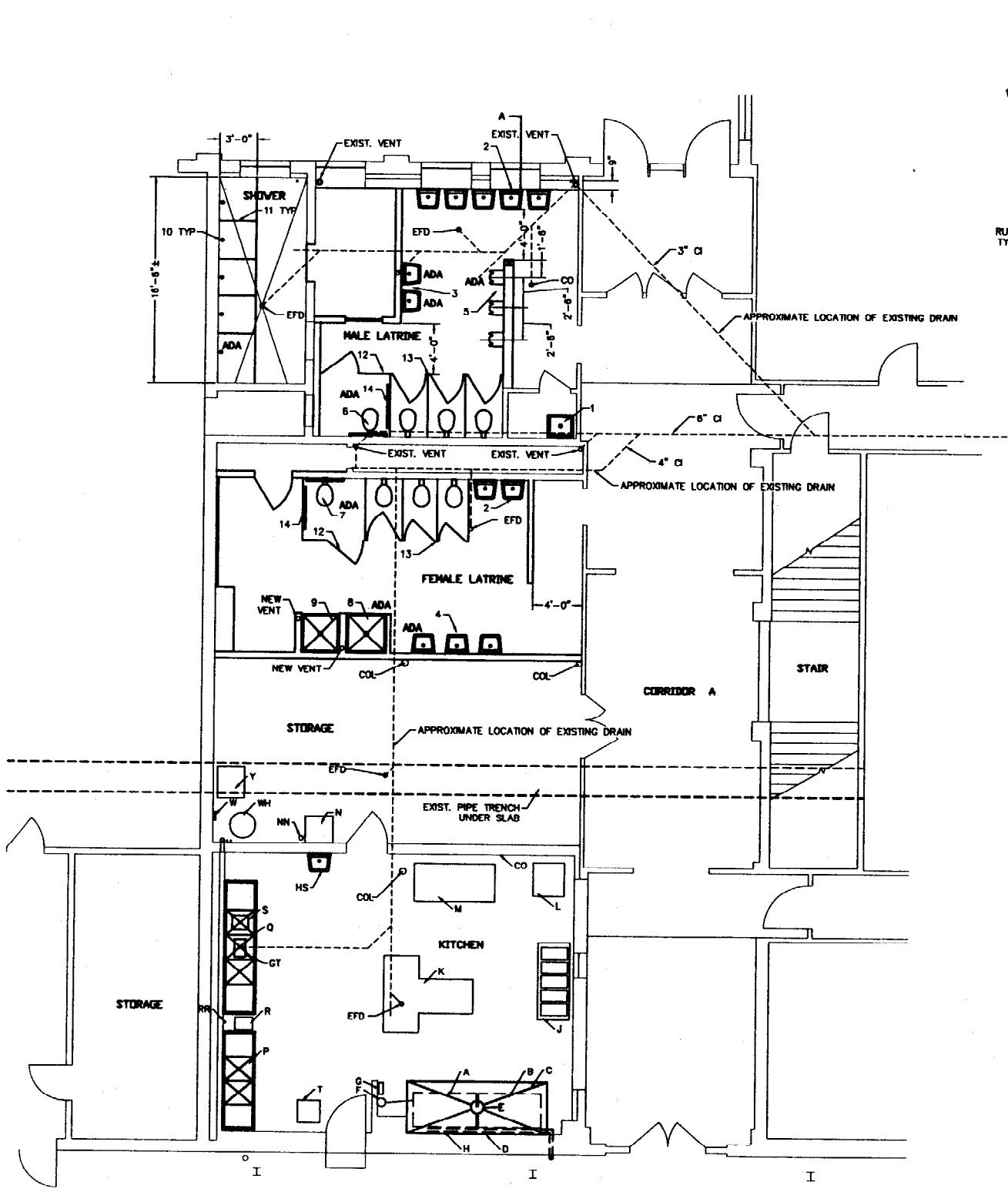
CONTROLS AND SCHEDULE

REV.	DATE	DESCRIPTION	DESIGNED BY:	CHECKED BY:

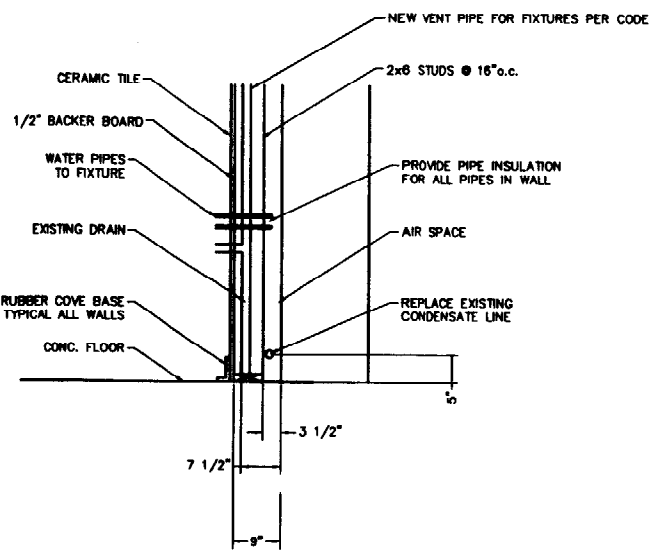
AMES A/E
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Bangor, ME 04402-2810
PHONE: 207-947-0183
FAX: 207-941-1921
www.amesae.com

M700

DATE: January 23, 2003
PROJECT NO: 00003.01



FIXTURE PLAN
SCALE 3/4" = 1'-0" reduced



SECTION "A"
SCALE 3/4" = 1'-0" reduced

FIXTURE SCHEDULE

ITEM	DESCRIPTION
A	GARLAND GAS RANGE
B	GARLAND GAS RANGE
C	NEW EXHAUST HOOD
D	NEW STN. STL. BACK SPLASH
E	NEW EXHAUST FAN
F	FIRE SUPPRESSION SYSTEM KIDDE WHDR-400L
G	FIRE SUPPRESSION CONTROL BOX KIDDE KRS-50
H	GAS LINE
J	STN. STL. MOBILE FOOD SERVING TABLE
K	STN. STL. WORK TABLE & UTENSIL RACK
L	MOBILE SHELVES
M	REFRIGERATOR
N	ICE MAKER
P	STN. STL. VEGETABLE SINK
Q	STN. STL. POT & PAN SINK
R	VEGETABLE PEELER
RR	WATER FAUCET FOR VEGETABLE PEELER
S	SINK HEATER
T	MIXER
WH	HOT WATER HEATER RHEEM MODEL # 81G-80D 240V 1PH 4500W 80 GAL.
W	WATER HEATER ELECT. BOX ITC F351
Y	FREEZER BRADFORD 19 30AMP 800V 3PH 480V.
GT	NEW GREASE TRAP
EFD	EXIST. FLOOR DRAIN
COL	EXIST. COLUMN
HS	NEW HAND SINK
CO	DEDICATED OUTLETS FOR COFFEE URNS

NOTES:

- 1 NEW STAINLESS STEEL MOP SINK, EAGLE GROUP MODEL # F1916 w/ SERVICE FAUCET. CONNECT TO EXISTING HOT & COLD WATER AND DRAIN.
- 2 RELOCATE (REPLACE IF REQUIRED) LAVATORIES. USE NEW HARDWARE WITH LEVER ACTION HANDLES AND ANTI-SCALD PROTECTION. CONNECT TO EXISTING HOT & COLD WATER AND DRAIN.
- 3 NEW ADA LAVATORIES. USE HARDWARE WITH LEVER ACTION HANDLES AND ANTI-SCALD PROTECTION. MOUNT AND PROTECT PIPES PER ADA SPECIFICATIONS. RELOCATE EXISTING HOT & COLD WATER PIPES, DRAINS, AND VENT IN NEW STUD WALL.
- 4 NEW LAVATORIES WITH LEVER ACTING HANDLES AND ANTI-SCALD PROTECTION. MOUNT AND PROTECT PIPES PER ADA SPECIFICATIONS. FIELD DETERMINE LOCATION OF AND CONNECT TO EXISTING DRAIN UNDER CONCRETE FLOOR. RUN HOT & COLD WATER PIPES IN WALL TO CONNECT WITH EXISTING.
- 4M INSTALL ONE 24" x 36" MIRROR ABOVE EACH LAVATORY.
- 5 WALL MOUNTED URINALS, MANSFIELD MODEL 475 OR EQUAL. CONNECT TO EXISTING WATER AND DRAINS. WATER SUPPLY SHALL BE PROTECTED BY A VACUUM BREAKER OR OTHER BACK FLOW PROTECTION DEVICE. MOUNT PER ADA SPECIFICATIONS WITH RIM FOR ADA 17" ABOVE FIN FLOOR. PROVIDE VENT PIPE IN WALL BEHIND URINALS.
- 6 REPLACE EXISTING WATER CLOSET WITH ADA WATER CLOSET.
- 7 NEW ADA WATER CLOSET. EXTEND AND CONNECT TO EXISTING DRAIN AND WATER LOCATED IN PIPE CHASE.
- 8 NEW ADA SHOWER, AQUA GLASS MODEL 833941A WHITE WITH STAINLESS STEEL CURTAIN ROD AND WHITE COMMERCIAL GRADE VINYL SHOWER CURTAIN. ADA COMPLIANT WITH SEAT AND STAINLESS STEEL GRAB BAR. PROVIDE WITH CHROME SHOWER, TEMPERATURE AND VOLUME CONTROLS BY DELTA OR ALSONS, AND FLOOR DRAIN. THE UNIT SHALL COMPLY WITH ANS1 A117.1-1998 AND (ADA) THE AMERICANS WITH DISABILITIES ACT OF 1991. CUT FLOOR AND PREPARE FOR SHOWER PER MANUFACTURER'S SPECIFICATIONS. CUT FLOOR AND CONNECT TO EXISTING DRAIN. RUN WATER LINES IN NEW WALLS TO CONNECT TO EXISTING. 1/2" HOT & COLD WATER AND 2" DRAIN WITH P-TRAP AND VENT.
- 9 NEW SHOWER, AQUA GLASS MODEL 313637AC WHITE WITH STAINLESS STEEL CURTAIN ROD AND WHITE COMMERCIAL GRADE VINYL SHOWER CURTAIN. PROVIDE WITH CHROME SHOWER, TEMPERATURE AND VOLUME CONTROLS BY DELTA OR ALSONS, AND FLOOR DRAIN. CUT FLOOR AND PREPARE FOR SHOWER PER MANUFACTURER'S SPECIFICATIONS. CUT FLOOR AND CONNECT TO EXISTING DRAIN. RUN WATER LINES IN NEW WALLS TO CONNECT TO EXISTING. 1/2" HOT & COLD WATER AND 2" DRAIN WITH P-TRAP AND VENT.
- 10 NEW SHOWER HEADS & CONTROLS WITH LEVER ACTION SINGLE HANDLE AND AUTOMATIC MIXING VALVE. ADA SHOWER HEAD TO BE A SHOWER SPRAY UNIT WITH A HOSE AT LEAST 60 INCHES LONG THAT CAN BE USED BOTH AS A FIXED SHOWER HEAD OR A HAND-HELD SHOWER. MAXIMUM TEMPERATURE SHALL BE SET TO NOT EXCEED 110 DEGREES F. MOUNT SHOWER CONTROLS 38"-48" & HEADS 74" ABOVE FLOOR.
- 11 NEW SHOWER DIVIDERS WITH VINYL SHOWER CURTAINS. BOBRICK DURALINE SERIES 1082 OVERHEAD BRACED SOLID PHENOLIC OR EQUAL. 6" STILES AND 36" WIDE x 58" HIGH PANELS. STAINLESS STEEL MOUNTING BOLTS AND ALUMINUM CURTAIN TRACK. FIELD VERIFY ACTUAL DIMENSIONS.
- 12 ADA TOILET STALL PARTITIONS. USE PARTITIONS IN STOCK. INSTALL ADA PARTITIONS WITH 18" FROM CENTER OF ADA TOILET AND PARTITION.
- 13 TOILET PARTITIONS. MATCH ADA PARTITIONS IF POSSIBLE. FIELD VERIFY ACTUAL DIMENSIONS. POSITION PARTITIONS EQUAL DISTANCE BETWEEN TOILETS WITH A MINIMUM DIMENSION OF 15" FROM CENTER OF TOILET TO PARTITION.
- 14 GRAB BARS. USE GRAB BARS IN STOCK.
- HS HAND WASH SINK. STAINLESS STEEL WITH LEVER ACTION HANDLES AND ANTI-SCALD PROTECTION. CONNECT TO EXISTING HOT & COLD WATER AND DRAIN.
- NN PROVIDE FLOOR DRAIN CONNECTION WITH FUNNEL CONVERTING ASSEMBLY AND 1" AIR GAP FOR EXISTING ICE MAKER. DETERMINE EXACT LOCATION IN FIELD.
- RR PROVIDE WATER FAUCET FOR COLD WATER FOR VEGETABLE PEELER. DETERMINE TYPE AND EXACT LOCATION IN FIELD TO SUIT VEGETABLE PEELER.
- P VEGETABLE PREPARATION SINK TO BE TYPE 304 STAINLESS STEEL 14 GAUGE, # 3 OR 4 FINISH, COVERED CORNERS, ASTM SERIES w/ STAINLESS STEEL COUNTER, 2-COMPARTMENTS, w/ 24" DRAIN BOARDS, w/ SWING FAUCETS AND MECHANICAL LEVER DRAIN, SINK COMPARTMENT WILL BE 24"W x 28"D x 14"H, WITH ONE 1/4" STAINLESS STEEL WIRE MESH BASKET 20"W x 20"D x 12"H. NOTE: THE SINK NEEDS TO BE INSTALLED WITH A 4" AIR GAP TO AN INDIRECT DRAIN TO PREVENT SEWERAGE BACK FLOW INTO THE SINK. 1/2" HOT & COLD SWING WATER SPOUTS AND 1 1/2" DRAIN WITH TRAP FOR VEGETABLE WASTE.
- Q POT AND PAN SINK TO BE TYPE 304 STAINLESS STEEL 14 GAUGE, # 3 OR 4 FINISH, 3 COMPARTMENTS WITH 24" DRAIN BOARDS, ASTM 300 SERIES, MEASURING APPROXIMATELY 16 FT LONG x 3 FT WIDE x 2'-10" HIGH TO WORKING LEVEL. ALL FREE EDGES OF TOP SHALL BE TERMINATED IN A 3" HIGH x 1 1/2" DIAMETER ROLLED RIM, WITH SWING FAUCETS AND MECHANICAL LEVER DRAINS WITH OVERFLOWS. A 14 GAUGE STAINLESS STEEL TAB SHALL BE INTEGRALLY WELDED TO THE BOTTOM OF EACH SINK TO SUPPORT THE DRAIN HANDLE. MOUNTED TO THE BACKSPLASH AND CENTERED BEHIND THE RIGHT HAND SINK AND ABOVE THE PARTITION BETWEEN THE TWO LEFT HAND SINKS SHALL BE A FAUCET WITH A GOOSE NECK SPOUT COMPLETE WITH WALL BRACKET. FAUCET SHALL HAVE 1/2" NPT FEMALE INLETS SPACED 8" ON CENTER. FAUCET SHALL HAVE INTERNAL CHECK VALVES AND SHALL HAVE STAINLESS STEEL SEATS AND SWIVELING SEAT DISKS. FAUCET SHALL HAVE A 3/8" NPT FEMALE OUTLET WITH A 18" LONG VERTICAL RISER. CONNECTED TO THE RISER SHALL BE A HOSE WITH STAINLESS STEEL SHEATH, AN INSULATED HANDLE, AND A SPRAY VALVE. PRE-RINSE UNIT SHALL HAVE A COIL SPRING AND A HOOK TO HOLD THE SPRAY VALVE IN POSITION. FAUCETS SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S STANDARD SPECIFICATIONS. SPECIFICATIONS ARE BASED ON A T&S BRASS & BRONZE WORKS MODEL #B-0133-B. SINK COMPARTMENTS WILL BE 30"W x 28"D x 16"H, ADJUSTABLE BULLET FEET, 9" BACK SPLASH, COVERED CORNERS. SINGLE FAUCET FOR THIRD SINK WITH 180 DEGREE WATER. 1/2" HOT & COLD WATER SUPPLY AND 1 1/2" DRAIN. BOTTOM OF LEFT SINK COMPARTMENT SHALL BE FITTED FOR A SINK HEATER (S) LISTED BELOW. MOUNTED TO THE BACKSPLASH ABOVE THE LEFT SINK COMPARTMENT SHALL BE A SINGLE FAUCET WITH A 3 7/8" FIXED SPOUT. FAUCET INLET SHALL BE CONNECTED FROM THE OUTLET OF THE BOOSTER HEATER (S). FAUCET SHALL HAVE A HEAT RESISTANT HANDLE TO WITHSTAND 82 DEGREE C WATER TEMPERATURE. SPECIFICATIONS ARE BASED ON A T & S BRASS & BRONZE WORKS MODEL #B-0700 FAUCET WITH MODEL #001147-45 HANDLE WITH RED INDEX BUTTON MOUNTED TO THE BACKSPLASH AND BE A PLAQUE FOR 82 DEGREE C HOT WATER THAT READS, "DANGER, EXTREME HOT WATER". TOP SHALL BE MOUNTED TO A STAINLESS STEEL OPEN TUBE BASE OPEN TO THE FLOOR WITH NO RAIL BRACING ON THE WORKING SIDE. LEGS NOT CONNECTED TO RAILS IN TWO DIRECTIONS SHALL HAVE STAINLESS STEEL FLANGED FEET SECURED AND SEALED TO THE FLOOR.
- GT NEW GREASE TRAP TO BE LARGE CAPACITY COMMERCIAL GRADE. TO BE USED WITH POT AND PAN SINK LISTED ABOVE.
- S SANITIZING SINK HEATER ELECTRIC BOOSTER MEASURING 9" x 17 1/4" x 12 5/8" FOR FINAL RINSE COMPARTMENT OF POT AND PAN SINK LISTED ABOVE (Q). SINK HEATER SHALL HAVE A DUEL RESERVOIR SYSTEM, ONE FOR HEATING THE WATER AND ONE FOR TRAPPING AND COLLECTING SOIL FROM THE SINK COMPARTMENT. SINK HEATER SHALL HAVE A 2" DIAMETER INLET AND OUTLET ON THE TOP, A RESERVOIR DRAIN, FIBERGLASS INSULATION AND A STAINLESS STEEL FRONT PANEL BODY AND BASE. SINK HEATER SHALL BE MOUNTED TO THE UNDERSIDE OF THE SANITIZING SINK COMPARTMENT IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. SINK HEATER SHALL HAVE A 9.0 K.W. ELEMENT WIRE 208-60-3 PHASE AND THE LOAD SHALL BE BALANCED ON ALL THREE PHASES. HEATING ELEMENT SHALL BE METAL SHEATHED AND CONTROLLED BY A CLOSE TOLERANCE IMMERSION THERMOSTAT. THE SINK HEATER SHALL BE PROTECTED WITH A HIGH TEMPERATURE LIMIT SWITCH AND LOW WATER CUT-OFF. SINK HEATER SHALL HAVE AN ON-OFF SWITCH, PILOT LIGHT, LOW WATER INDICATOR LIGHT AND RINSE TEMPERATURE GAUGE. SINK HEATER SHALL BE FURNISHED WITH ALL STANDARD EQUIPMENT AND SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S STANDARD SPECIFICATIONS. SPECIFICATIONS ARE BASED ON A HATCO MODEL #3CS-9B. COORDINATE WITH ELECTRICAL.
- N RELOCATE EXISTING ICE MAKER TO KITCHEN STORAGE ROOM.

ALL NEW PLUMBING TO COMPLY WITH STATE OF MAINE PLUMBING CODE

STATE OF MAINE
DEPARTMENT OF DEFENSE, VETERANS
AND EMERGENCY MANAGEMENT
DIRECTORATE OF FACILITIES ENGINEERING
PROJECT: KITCHEN & LATRINE RENOV.
FIXTURE PLAN

LOCATION: STEVENS AVE. PORTLAND, ME

DATE: 4 MARCH 03

SCALE: AS NOTED

PROJECT NO: P100