IW AT LAV/SINK/EWC

M9 INDIRECT WASTE DETAIL

NOT TO SCALE

HANGER ROD SCHEDULE	
PIPE SIZE	ROD SIZE
UP TO 2"	3/8" DIA.
2 1/2" THRU 3"	1/2" DIA.
4" AND 5"	5/8"
6" THRU 8"	3/4"
12"	7/8"

HANGER ROD SPACING	
PIPE SIZE	MAX. ALLOWABLE SPACING
1"	7'
1 1/4"	8'
1 1/2"	9'
2"	10'
2 1/2"	11'
3" THRU 8"	12'
10" & 12"	15"

M14 PIPE HANGER INSTALLATION DETAIL

NOT TO SCALE

NOTE:

1. SEE SHEET PL001 FOR LEGEND AND ABBREVIATIONS.

NOTES:

1. CONCRETE SHALL BE LOW SLUMP (<4"), HIGH EARLY STRENGTH WITH RAPID SETTING CEMENT BY CTS OR EQUAL.
2. NEW CONCRETE SLAB THICKNESS SHALL MATCH EXISTING.
3. PROVIDE TRANSVERSE SAW CUT CONTROL JOINTS THAT ARE 1/4 OF THE SLAB DEPTH AND ARE SPACED 1.5x THE TRENCH WIDTH.
4. PROVIDE CONTROL JOINTS AT INTERFACE BETWEEN NEW AND EXISTING CONCRETE.
5. WET CURE FOR 7 DAYS MINIMUM.
6. * VAPOR RETARDER REQUIRED ONLY IF THERE IS A VAPOR RETARDER UNDER EXISTING SLAB.

F1 TYPICAL TRENCHING DETAIL

NOT TO SCALE

NOTES:

1. PRE FAB STRUT TYPE OR SIMILIAR SUPPORT SYSTEM
2. MAPA PRODUCTS # MS-10SF4 OR SIMILIAR

F9 ROOF SUPPORT DETAIL

NOT TO SCALE

NOTES:

1. EXTEND REGULATOR VENT PIPING OUTDOORS PER THE PLANS. VENT PIPE SIZE SHALL BE IN ACCORDANCE WITH THE FOLLOWING SCHEDULE, BUT NO SMALLER THAN THE REGULATOR RELIEF PORT SIZE OR REGULATOR MANUFACTURER RECOMMENDATIONS.

TOTAL EQUIVALENT LENGTH OF VENT PIPING RUN (FT)	0-40	0-100	0-200
MINIMUM RELIEF VENT PIPE SIZE (IN)	3/4"	1"	1-1/2"

2. FLANGED END PRESSURE REGULATORS ARE ACCEPTABLE FOR ALL SIZES. THREADED END REGULATORS ARE ACCEPTABLE FOR 2" AND SMALL SIZES ONLY IF THE THREADED JOINTS ARE FULLY BACK WELDED.
3. REDUCERS AND REGULATOR SIZES ARE PER REGULATOR MANUFACTURER RECOMMENDATIONS.

F14 GAS REGULATOR DETAIL

NOT TO SCALE

A1 DOMESTIC WATER HEATER SCHEMATIC

NOT TO SCALE

NOTE:
APPLIANCES WITH REGULATORS: LOCATE PIPING SHOWN HEREIN UPSTREAM OF THE APPLIANCE REGULATOR. PROVIDE A TEST PLUG DOWNSTREAM OF THE APPLIANCE REGULATOR. DO NOT INSTALL ISOLATION VALVES ABOVE CEILINGS OR IN CONFINED AREAS.

UPFEED DOWNFEED

A14 GAS CONNECTION DETAIL

NOT TO SCALE

REV.	DESCRIPTION	DATE
1	CONFORMED SET	4-21-15
0	ISSUED FOR CONSTRUCTION	3-3-15

CONFORMED SET
4-21-15

CURRENT ISSUE STATUS:

STATE OF MAINE
CALEB J. MILLIKEN
No. 12274
LICENSED
PROFESSIONAL ENGINEER
4/21/15

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L.L. BEAN
CHESHIRE BUILDING RENOVATIONS
PORTLAND, MAINE

PLUMBING DETAILS

SHEET TITLE:

SCALE:	1/8"=1'-0"	DATE:	3-3-15
PROJECT MANAGER:	JLH	GRAPHIC SCALE:	0" 1"
JOB CAP/DRAWN:	CAH/KPB		
A/E OF RECORD:	CJM	SHEET No.	
SMRT CAD FILE:	PL501-14199	PL501	
PROJECT No.	14199-00		

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