

A/C	AIR CONDITIONING	E	EAST
AB	ANCHOR BOLT	EB	EXPANSION BOLT
ABT	ABOUT	EF	EXHAUST FAN
AC	ACOUSTICAL	EIFS	EXTERIOR INSULATED FINISH SYSTEM
ACB	ABOVE CEILING BELOW	EJ	EXPANSION JOINT
ACT	ACOUSTICAL TILE	EL	ELEVATION (S)
AD	ACCESS DOOR	ELEC	ELECTRIC (AL)
ADJ	ADJUSTABLE	EM	ELECTRIC MANHOLE
AF	ABOVE FINISH FLOOR	EP	ELECTRIC PANEL
AFG	ABOVE FINISH GRADE	EQ	EQUAL
AL	ACOUSTICAL LINING	ER	EXHAUST REGISTER
AL	ALUMINUM	ES	EACH SIDE
ALT	ALTERNATE	EST	ESTIMATE
AP	ACCESS PANEL	EWC	ELECTRIC WATER COOLER
APX	APPROXIMATE	EXG	EXISTING
ARCH	ARCHITECT (URAL)	EXP	EXPANSION
		EXT	EXTERIOR
B/W	BOTTOM OF WALL		
BD	BOARD		
BDD	BACKDRAFT DAMPER	FA	FIRE ALARM
BIT	BITUMINOUS	FAI	FRESH AIR INTAKE
BJ	BAR JOIST	FC	FLEXIBLE CONNECTION
BLDG	BUILDING	FCO	FLOOR CLEANOUT
BLKG	BLOCKING	FD	FIRE DAMPER
BM	BENCH MARK	FD	FLOOR DRAIN
BOF	BOTTOM OF FOOTING	FD	FOUNDATION DRAIN
BOT	BOTTOM	FE	FIRE EXTINGUISHER
BP	BEARING PLATE	FHS	FIRE HOSE STATION
BSMT	BASEMENT	FIN	FINISH (ED)
BSP	BASE PLATE	FL	FINISH LENGTH
BTU	BRITISH THERMAL UNIT	FLG	FLASHING
		FLR	FLOOR (ING)
		FOC	FACE OF CONCRETE
CAB	CABINET	FOS	FACE OF STUD
CB	CATCHBASIN	FRR	FLOOR RETURN REGISTER
CD	CEILING DIFFUSER	FS	FAR SIDE
CEM	CEMENT (TIOUS)	FTG	FOOTING
CER	CERAMIC	FY	MINIMUM YIELD STRESS (KSI)
CF	CUBIC FEET		
CFM	CUBIC FEET PER MINUTE		
CG	CEILING GRILLE		
CHBD	CHALKBOARD	GA	GAGE, GAUGE
CHT	CEILING HEIGHT	GALV	GALVANIZED
CHWS	CHILLED WATER SUPPLY	GB	GRAB BAR
CI	CAST IRON	GC	GENERAL CONTRACT (OR)
CJT	CONTROL JOINT	GL	GLASS
CL	CLOSET	GPDW	GYPSUM DRY WALL
CLG	CEILING	GPM	GALLONS PER MINUTE
CM	CENTIMETER (S)	GV	GATE VALVE
CMP	CORRUGATED METAL PIPE		
CMU	CONCRETE MASONRY UNIT	H	HARDENER
CO	CLEANOUT	HB	HOSE BIB
COL	COLUMN	HD	HUB DRAIN
CONC	CONCRETE	HM	HOLLOW METAL
CONN	CONNECT	HORIZ	HORIZONTAL
CONST	CONSTRUCTION	HPS	HIGH PRESSURE STEAM
CONT	CONTINUE (OUS)	HT	HEIGHT
CONTR	CONTRACT (OR)	HTG	HEATING
CORR	CORRUGATED	HTW	HOT TEMPERATURE WATER
CPT	CARPET (ED)	HVAC	HEATING - VENTILATING - AIR CONDITIONING
CR	CONDENSATE RETURN		
CT	CERAMIC TILE	HW	HOT WATER
CUH	CABINET UNIT HEATER	HYD	HYDRANT
CULV	CULVERT		
CV	CONVECTOR	ID	INSIDE DIAMETER
CW	COLD WATER	INS	INSULATE (D) (ION)
CY	CUBIC YARD	INT	INTERIOR
		INV	INVERT
		IPS	IRON PIPE SIZE
DF	DOUGLAS FIR		
DF	DRINKING FOUNTAIN	JC	JANITOR'S CLOSET
DG	DOOR GRILLE	JT	JOINT
DH	DOUBLE HUNG		
DIA	DIAMETER	K	KIPS
DIAG	DIAGONAL	KIT	KITCHEN
DIM	DIMENSION	KSI	KIPS PER SQUARE INCH
DIV	DIVISION		
DL	DEAD LOAD	LAB	LABORATORY
DMT	DEMOUNTABLE	LAM	LAMINATE (D)
DN	DOWN	LAV (L)	LAVATORY
DTL	DETAIL	LB (S)	POUNDS
DW	DUCT WRAP	LD	LINEAR DIFFUSER
DWG	DRAWING	LD	LINED DUCT

**A2 CONTRACT DRAWING ABBREVIATIONS**  
NO SCALE

E	EAST	LF	LAWN FAUCET	S	SANITARY
EB	EXPANSION BOLT	LF	LINEAL FEET	S	SOIL
EF	EXHAUST FAN	LG	LONG	S	SOUTH
EIFS	EXTERIOR INSULATED FINISH SYSTEM	LL	LIVE LOAD	S	STEAM
		LPS	LOW PRESSURE STEAM	SA	SUPPLY AIR
EJ	EXPANSION JOINT	LTG	LIGHTING	SD	SMOKE DAMPER
EL	ELEVATION (S)	LTL	LINTEL	SD	STORM DRAIN
ELEC	ELECTRIC (AL)	LTW	LOW TEMPERATURE STEAM	SDMH	STORM DRAIN MANHOLE
EM	ELECTRIC MANHOLE	LW	LIMIT OF WORK	SEC	SECTION
EP	ELECTRIC PANEL			SF	SUPPLY FAN
EQ	EQUAL	M	METER (S)	SG	SUPPLY GRILLE
ER	EXHAUST REGISTER	MAS	MASONRY	SHT	SHEET
ES	EACH SIDE	MAX	MAXIMUM	SIM	SIMILAR
EST	ESTIMATE	MBH	1000 BRITISH THERMAL UNIT	SK	SINK
EWC	ELECTRIC WATER COOLER	MD	MANUAL DAMPER	SMU	SOLID MASONRY UNIT
EXG	EXISTING	MD	MOTORIZED DAMPER	SPEC	SPECIFICATION (S)
EXP	EXPANSION	MECH	MECHANICAL	SPF	SPRUCE PINE FIR
EXT	EXTERIOR	MED	MEDIUM	SQ	SQUARE
		MET	METAL	SR	SUPPLY REGISTER
FA	FIRE ALARM	MFR	MANUFACTURE (R)	SS	STAINLESS STEEL
FAI	FRESH AIR INTAKE	MH	MANHOLE	SSK	SERVICE SINK
FC	FLEXIBLE CONNECTION	MIN	MINIMUM	STD	STANDARD
FCO	FLOOR CLEANOUT	MISC	MISCELLANEOUS	STL	STEEL
FD	FIRE DAMPER	MM	MILLIMETER (S)	STOR	STORAGE
FD	FLOOR DRAIN	MO	MASONRY OPENING	SYM	SYMMETRY (ICAL)
FD	FOUNDATION DRAIN	MR	MOP RECEPTOR	SYS	SYSTEM
FE	FIRE EXTINGUISHER	MT	METAL THRESHOLD		
FHS	FIRE HOSE STATION	MTD	MOUNTED	T	TREAD
FIN	FINISH (ED)			T&G	TONGUE & GROOVE
FL	FINISH LENGTH	N	NORTH	T*STAT	THERMOSTAT
FLG	FLASHING	NA	NORTH APPLICABLE	TB	TEST BORING
FLR	FLOOR (ING)	NC	NORMALLY CLOSED	TD	TRANSFER DUCT
FOC	FACE OF CONCRETE	NIC	NOT IN CONTRACT	TD	TRENCH DRAIN
FOS	FACE OF STUD	NO	NORMALLY OPEN	TEL	TELEPHONE
FRR	FLOOR RETURN REGISTER	No	NUMBER	TG	TRANSFER GRILLE
FS	FAR SIDE	NS	NEAR SIDE	THK	THICK (NESS)
FTG	FOOTING	NTS	NOT TO SCALE	TKBD	TACKBOARD
FY	MINIMUM YIELD STRESS (KSI)			TL	TOTAL LOAD
		OC	ON CENTER (S)	TOC	TOP OF CONCRETE
		OD	OUTSIDE DIAMETER	TOF	TOP OF FOOTING
		OED	OPEN END DUCT	TOS	TOP OF STEEL
		OFF	OFFICE	TP	TEST PIT
		OH	OVERHEAD	TPTN	TOILET PARTITION
		OPG	OPENING	TV	TELEVISION
		OPH	OPPOSITE HAND	TYP	TYPICAL
		OPP	OPPOSITE		
				UD	UNDERDRAIN
		P	PLATE	UGD	UNDERGROUND DUCTWORK
		P	PLUMBING	UH	UNIT HEATER
		P	PUMP	UNO	UNLESS NOTED OTHERWISE
		PAR	PARALLEL	UR	URINAL
		PFN	PREFINISHED	UV	UNIT VENTILATOR
		PL	PROPERTY LINE		
		PLAM	PLASTIC LAMINATE	V	VENT
		PNL	PANEL	VAV	VARIABLE AIR VOLUME
		PNT	PAINT (ED)	VB	VINYL BASE
		PP	POINT TO POINT	VCT	VINYL COMPOSITION TILE
		PSF	POUNDS PER SQUARE FOOT	VD	VOLUME DAMPER
		PSI	POUNDS PER SQUARE INCH	VERT	VERTICAL
		PT	POINT	VF	VINYL FABRIC
		PTN	PARTITION	VTR	VENT THRU ROOF
		PVC	POLYVINYL CHLORIDE		
		PWD	PLYWOOD	W	WEST, WIDTH, WIDE
		PWG	POLISHED WIRE GLASS	W/	WITH
				W/O	WITHOUT
		QT	QUARRY TILE	WC	WATER CLOSET
				WCH	WATER CLOSET HANDICAP
		R	RISER	WCO	WALL CLEANOUT
		RA	RETURN AIR	WD	WOOD
		RAD	RADIATION	WG	WALL GRILLE
		RAD	RADIUS	WH	WALL HUNG
		RB	RUBBER BASE	WIN	WINDOW
		RD	ROOF DRAIN	WP	WORKING POINT
		REF	REFERENCE	WR	WALL REGISTER
		REFR	REFRIGERATOR	WWF	WELDED WIRE FABRIC
		REV	REVISION (S)		
		RG	RETURN GRILLE		
		RL	ROOF LEADER		
		RM	ROOM		
		RO	ROUGH OPENING		
		ROW	RIGHT OF WAY		
		RR	RETURN REGISTER		

**SYMBOLS USED AS ABBREVIATIONS**

L	ANGLE
CL	CENTERLINE
C	CHANNEL
Ø	DIAMETER
PL	PLATE
□	SQUARE

<b>PLAN - SECTION</b>	
VIEW TITLE	
	VIEW TITLE
	VIEW SCALE
	SEE TITLE BLOCK FOR GRAPHIC SCALE
	INDICATES ELEVATION, SECTION OR DETAIL NUMBER
	BUILDING SECTION
	WALL SECTION
	EXTERIOR ELEVATION
	INTERIOR ELEVATION
	DETAIL
THE FOLLOWING APPLIES TO THE MARKERS ABOVE:	
	INDICATES ELEVATION, SECTION OR DETAIL NUMBER
	INDICATES DRAWING SHEET ON WHICH ELEVATION, SECTION OR DETAIL IS SHOWN
	COLUMN REFERENCE GRID
	LEVEL LINE
	WALL OR PARTITION TYPE
	ROOM NAME AND NUMBER
	EQUIPMENT OR FURNITURE NUMBER
	DOOR OR BORROW LIGHT NUMBER
	WINDOW TYPE
	CEILING TYPE AND HEIGHT AFF
	FLOOR FINISH
	KEYNOTE OR MATERIAL TAG
	REVISION
	PROJECT NORTH

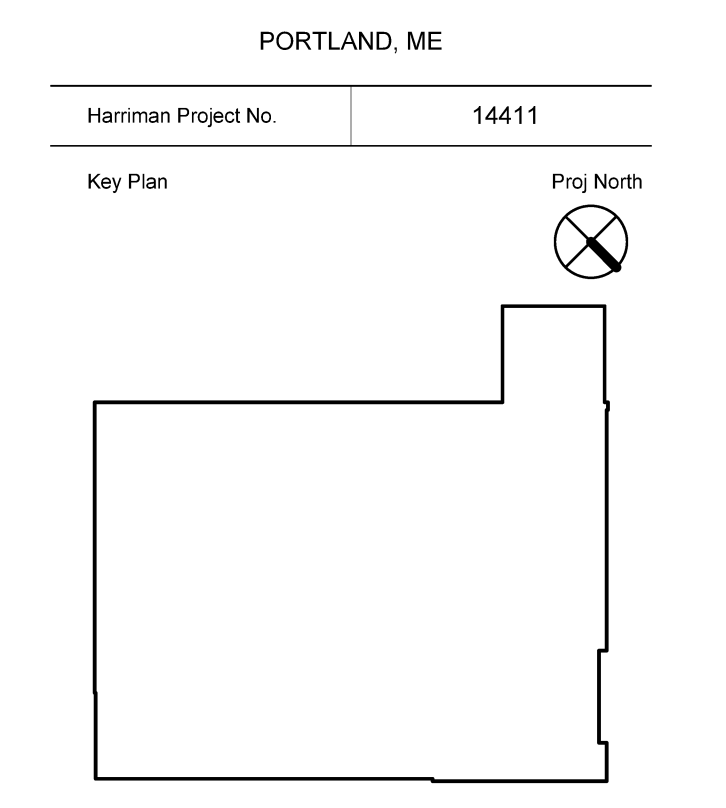
**A5 GRAPHIC SYMBOLS LEGEND**  
NO SCALE

<b>PLAN - SECTION</b>	
EARTH	
	POROUS FILL (STONE OR GRAVEL, ETC)
ROCK	
	LIGHTWEIGHT CONCRETE (OR CONCRETE FILL)
	STRUCTURAL CONCRETE (CAST-IN-PLACE, PRECAST, ETC)
	BRICK (COMMON OR FACE)
CONCRETE MASONRY UNITS	
	METAL (LARGE SCALE)
	PLYWOOD (LARGE SCALE)
	WOOD, FINISHED
	WOOD, ROUGH
	INSULATION (LOOSE OR BATT)
	INSULATION (RIGID)
	GLASS (LARGE SCALE)
	CERAMIC TILE
	GYPSUM WALL BOARD (FIBERBOARD, ETC)
	PLASTER, SAND, CEMENT, GROUT
	ACOUSTICAL TILE
	RESILIENT FLOORING
	METAL (SMALL SCALE)
ELEVATIONS	
	CONCRETE, PLASTER
	SHEET METAL
	GLAZING
	BRICK
SPECIAL INDICATIONS	
PARTITION CONSTRUCTION - PLAN	
	STEEL STUD
	EXISTING TO REMAIN
	WOOD STUD
	EXISTING TO BE REMOVED

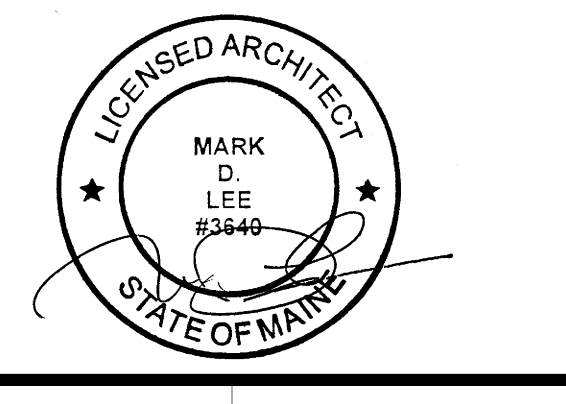
**A6 MATERIALS LEGEND**  
NO SCALE



**UNIVERSITY OF SOUTHERN MAINE CENTRAL HEAT PLANT UPGRADES**



Mark	Date	Description
08-25-14		REVISED SCHEMATIC DESIGN
09-05-14		DESIGN DEVELOPMENT
09-19-14		PROGRESS REVIEW
09-26-14		PROGRESS REVIEW
10-03-14		PROGRESS REVIEW
10-10-14		FINAL REVIEW
10-23-14		100% REVIEW
10-31-14		ISSUED FOR BID



Drawing Scales	12" = 1'-0"
PA / PE: Designer	© 2014 Harriman Associates
Drawn By: Author	

**ABBREVIATIONS AND LEGENDS**

**A00.1**