

**A-FRAME**

- 1 TYPE: PERIMETER
- 2 MAIN BEAM: W12"x14#3X-MEMBER: W8"x10#, @ 48" (NOM.) O.C.
- 3a X-MEMBER: SINGLE W8"x10# BEAM AS HITCH MOUNT CROSS-MEMBER
- 5 HITCH: BOLT-ON, W8"x10 # RAILS
- 6 AXLES: FIVE - 75 1/2" SPRING CENTER (92" TRACK), LEADING TANDEM; TRAILING TRIPLE
- 6a AXLES: SIX - 75 1/2" SPRING CENTER, (92" TRACK), TWO PAIRS TRIPLE AXLE-RR MODULES ONLY
- 7 SPRINGS: MULTI-LEAF, UNDERSLUNG
- 8 TIRES: 8:00 X 14.5, 12 PLY 9TIE DOWN: OVER THE FRAME
- 10 MISC: 26 GAUGE GALVANIZED BOTTOM BOARD
- 13 MISC: 1/2" DIA. HOLE 48" O.C. TOP AND BOTT. FLANGE AT PERIMETER OF BUILDING
- 16 MISC: 1 BEAM CLAMPS 15'-0" O.C. MAX.
- 17 MISC: THIS UNIT WILL HAVE STEEL COLUMNS, INTEGRAL W/ STEEL CHASSIS/FRAME
- 18 MISC: THIS UNIT WILL HAVE STEEL DIAG. BRACES
- 21 UNDER COATING: RUST INHIBITIVE LATEX PAINT, 100% COVERAGE OF STRUCTURAL MEMBERS.

**B-FLOOR**

- 1 BOTTOM BOARD: 26 GAUGE GALVANIZED BOTTOM BOARD
- 2 INSULATION: (2) LAYERS OF 2.7" RIGID FOAM INSULATION (R-31)
- 3 JOISTS: 2 x 6 (#2 SPF) AT 16" O.C. NOMINAL, LONGITUDINAL JOISTS,
- 4 DECKING: 3/4" T&G UNDERLAYMENT PLYWOOD (RATED 40/20)
- 5 COVERING: 1/8" VINYL COMPOSITION TILE, NOTE: IN RESTROOMS, JANITORS CLOSETS ONLY
- 5a COVERING: 20 OZ. COMERCIAL GRADE CARPET

**C-EXTERIOR WALLS**

- 1 STUDS (SIDEWALLS): 2 x 6 (SPF #2) @ 16" O.C.
- 1a STUDS (ENDWALLS): 2 x 4 (SPF #2) @ 16" O.C.
- 2 BOTTOM PLATE: (1) 2 x 6 (#3 SPF) SIDE WALLS
- 2a BOTTOM PLATE: (1) 2 x 4 (#3 SPF) END WALLS 3TOP PLATE: (2) 2 x 6 (#3 SPF) SIDE WALLS
- 3a TOP PLATE: (2) 2 x 4 (#3 SPF) END WALLS
- 4 COVERING: 1/2" VINYL COV. GYP. BOARD (CLASS I F.S.)
- 4a COVERING: .090 FRP (NUDO) OVER(OPTIONAL RR UNITS)1/2" UNFINISHED GYPSUM BOARD (CLASS I F.S.)
- 4b COVERING: SURPLUS GYP BD., (MIN. 1/2") , ABOVE 8'H. V.C.G.
- 5 SHEATHING: AIR INFILTRATION BARRIER (TYVEK OR EQUAL)
- 6 INSULATION (SW): R-21 KRAFT FACED FIBERGLASS BATT
- 6a INSULATION (EW): R-15 KRAFT FACED H.P. FIBERGLASS BATT
- 7 SIDING: 7/16" T1-11 SMART PANEL(GROOVES 4"O.C.)
- 8 TRIM: EXTERIOR TRIM: M.D.O. BOARD

**D-INTERIOR WALLS**

- 1 STUDS: 2 x 4 (SPF STUD) @ 24" OC INT. WALL HT: 8'-0" (OPTIONS). HOLES MAY BE DRILLED FOR WIRING BUT VOIDS MUST BE FILLED WITH "FIRE CAULK" BEFORE WALL IS COVERED
- 2 BOTTOM PLATE: (1) 2 x 4 (#3 SPF)
- 3 TOP PLATE: (2) 2 x 4 (#3 SPF)
- 4 COVERING: 1/2" VINYL COV. GYP. BOARD (CLASS I F.S.)
- 4a COVERING: .090 FRP (NUDO) OVER(OPTIONAL RR UNITS)1/2" UNFINISHED GYPSUM BOARD (CLASS I F.S.)
- 4b COVERING: 1/2" TYPE-X VINYL COV. GYP. B'D. (CLASS I F.S.) OVER 5/16 UNFINISHED GYP.(1-HR. RATED WALL ASSEMBLY PER GA WP3341)
- 4c COVERING: 1/4" VINYL COVERED PANELING IN NEW WALLS
- 5 INSULATION: R-11 UNFACED FIBERGLASS BATT IN PLENUM WALL
- 5a INSULATION: R-11 UNFACED FIBERGLASS BATT IN RESTROOM UNITS- RESTROOM WALLS ONLY
- 7 MISC: 2x4 PLENUM WALL (STUDS @ 24" O.C.)(PLENUM LINED ON INTERIOR TO SECURE INSULATION)

**E-ROOF**

- 1 RAFTERS: 2 x 10 (# 2 SYP), UNTAPERED, @ 16" O.C.(60# PSF L/L) ALTERNATE- 2 x 10 (# 2 SPF), UNTAPERED, @ 16" O.C.
- 2 MATE BEAM: STEEL TRUSS, 60' CLEAR SPAN 60# PSF L/L, 26#H. @ LOW END 30'H. @ CTR. PEAK. P.E. CERTIFIED BY OTHERS
- 4 CEILING: SUSPENDED (T-GRID) W/ 2'x 4' LAY-IN TILE w/ 7'-10 1/2" FINISH CEILING HEIGHT
- 5 TRUE CEILING: 1/2" UNFINISHED GYP BOARD (CLASS I F.S.)
- 5a TRUE CEILING: (2) LAYER 5/8" TYPE "X" UNFINISHED GYPSUM BOARD
- 6 INSULATION: R-38 KRAFT-FACED H.P. FIBERGLASS BATT
- 7 SHEATHING: MULE HIDE "FR" CLASS C SHEATHING (5/8" PLYWD W/ CLASS C FIRE RETARDANT COATING)
- 8 ROOFING: EPDM RUBBER 1-PC. MEMBRANE, 45 mil, BLACK
- 9 MANSARD: 7/16" T1-11 SMART PANEL (GROOVES 4"O.C.)MANSARD PROFILE: FLAT:
- 12 GUTTER: K60 MINI GUTTER

**F-DOORS**

- 1 EXT. DOOR: 36"W x 80"H 18 GA. COMM. INSUL. STEEL W/ 5" X 20" VISION PANEL (SAFETY GLAZED)
- HARDWARE:
  - a: PANIC (W/ EXTERIOR LEVER & KEY CYLINDER)
  - b: CLOSER
  - c: THRESHOLD
  - d: WEATHERSTRIPPING
- 3 INT. DOOR: 36"W x 80"H S.C. WOOD (IMPERIAL OAK) (STEEL JAMBS) (45 MIN. C-LABELLED DOOR & JAMB)
- HARDWARE:
  - a: CLOSER
  - b: STORE ROOM SET (LEVER) PART# LC2475CTL 26D-GR2
  - c: FLOOR MOUNT DOOR STOP,
  - d: BALL-BEARING HINGES, PART #HG4545BB26D

**4 INT. DOOR: 36"W X 80"H S.C. WOOD (STEEL JAMBS)**

- HARDWARE:
  - a: PRIVACY SET (LEVER)
  - c: FLOOR MOUNTED DOOR STOP
  - d: BALL-BEARING HINGE

**6 INT. DOOR: 36"W X 80"H S.C. WOOD (IMPERIAL OAK) (STEEL JAMBS)**

- HARDWARE:
  - a: PASSAGE SET (LEVER)
  - c: FLOOR MOUNTED DOOR STOP
  - d: BALL-BEARING HINGE

**G-WINDOWS**

- 1 SIZE: 32"W X 60"H SGL HUNG ALUM. FRAME (THERMALLY BROKEN) UP: 20", GLAZING: DOUBLE INSULATED - LOW "E"
- 2 SIZE" 46"x27" HORIZONTAL SLIDER, ALUM. FRAME, MILL FINISH, UP 36"

**H-ELECTRICAL**

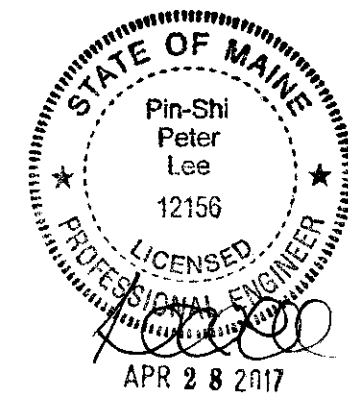
- 1 LOADCENTER: 120/240 V., 1-PHASE, 60 HZ, 3-WIRE, MAIN LUG, 150 AMP MAIN TYPICAL ALL SIDEWALL MODULES, 100 AMP MAIN TYPICAL ALL CENTER MOD'S.
- 2 SERV ENT: 1 1/2" EMT THRU FLOOR
- 3 WIRING: COPPER (12-2 W/G MIN) TYPE NM-B 90 C
- 3a WIRING: ALL WIRING IN CEILING CAVITY / NEW WALLS TO BE MC CABLE w/ INTERLOCKING TAPE SHEATH (#12 MIN WIRE SIZE) - TYPE THHN CONDUCTORS, GROUND, & NEUTRAL
- 9 INT. LIGHTS: 24" X 48" (2) TUBE FLUOR. (LAY-IN) W/ DIFFUSER ELECTRONIC BALLAST, T-8 BULBS
- 11 INT. LIGHTS: 60 WATT INCAND. WALL MOUNT FIXTURE SWITCHED -- UP 78" TO TOP
- 13 EXT. LIGHTS: 60 WATT (WEATHERPROOF) W/ PHOTOCELL CONTROL- UP 78" TO TOP
- 13a EXT. LIGHTS: RECESSED W/P SOFFIT LT. -- 60W. INCANDESCENT
- 14 EXT. LIGHTS: PRE-WIRE J-BOX BELOW FLOOR W/ WEATHERPROOF LAMP HOLDER, ADJACENT OT HEAT TAPE FOR SERVICE LIGHT\*NOTE: RIGHT SIDEWALL RRS LAYOUTS ONLY
- 19 EGRESS LIGHTS: EXIT/EMERGENCY LIGHT W/ BATTERY PACK & EXTERIOR REMOTE HEAD (W.P.) - UP 84"NOTE: EXT. EMERGENCY HEAD FACTORY INSTALLED
- 21 RECEPTS: 125V/20A DUPLEX UP 18" TO BOTTOM OF BOX UNLESS NOTED
- 22 RECEPTS: 125V/20A DUPLEX (GFI) - UP 48" TO TOP
- 23 RECEPTS: 125V/20A DUPLEX (GFI PROTECTED)- UP 48" TO TOP
- 24 RECEPTS: 125V/20A DUPLEX (GFI PROTECTED, DEDICATED) FOR HEAT TAPE
- 25 RECEPTS: 125V/20A DUPLEX (GFI) WEATHER-RESISTANT-IN-USE COVER, UP: 6"A.F.F. TO BOTTOM
- 29 SWITCHES: 120V/20A SINGLE-POLE W/ OCCUPANCY SENSOR - UP 48" TO TOP
- 29a SWITCHES: 120V/20A SINGLE-POLE INSTALLED AJACENT TO HEAT TAPE RECEIPT FOR SERVICE LIGHT\*NOTE: RIGHT SIDEWALL RRS LAYOUTS ONLY
- 33 DATA DROPS: 2x4 NON-METALLIC JUNCTION BOX, UP 18" -- w/ 3/4" PVC CONDUIT CEILING CAVITY -- INSTALL BLANK SINGLE-GANG COVER

**J-PLUMBING**

- 1 WTR CLST: TANK TYPE W/ ELONGATED BOWL & OPEN FRONT SEAT 1.6 GAL FLUSH
- 1a WTR CLST H/C: TANK TYPE (H/C) W/ ELONGATED BOWL AND OPEN FRONT SEAT - UP 18" TO SEAT 1.6 GAL FLUSH
- 5 LAVATORY: VITREOUS CHINA WALL HUNG UP : 34"W/ H/C SELF-CLOSING FAUCET PER CODE
- 6 WTR HTR: 20 GALLON ELECTRIC, STORAGE TYPE ( 1650 W./120V.)
- 8 SUPPLY: TYPE "L" COPPER
- 9 DWV: SCHEDULE 40 PVC
- 9a DWV: SERVICE GRADE CAST IRON (MASS. ONLY. INTER-CONNECTING MANIFOLD BY OTHERS ON SITE.
- 13 MISC. GRAB BARS (SEE FLOOR PLAN)SIDE BAR: 42" LBACK BAR: 42" LAND 18" VERTICAL GRAB BAR ABOVE SIDEWALL GRAB BAR GRAB BARS ARE UP 33" H CENTER
- 13a MISC. SWING AWAY/UP GRAB BAR
- 14 MISC: 18"Wx36"H STAINLESS STEEL EDGED MIRROR - UP 40"
- 15 MISC: TOILET PAPER DISPENSER - UP 24"
- 16 MISC: FIBERGLASS UTILITY SINK, w/ LEGS
- 17 MISC: PVC FLOOR DRAIN 3" DIA.
- 19 MISC: EXTERIOR FROST PROOF HOSE BIBB (WITH VACUUM BREAKER) - UP 4" A.F.F.

**K-H.V.A.C.**

- 1 HEATING/COOLING: BARD 2.5T COOLING, 15kW HEATING (SIDEWALL UNITS)
- 1a HEATING/COOLING: BARD 2.5T COOLING, 10kW HEATING(CENTER UNITS)
- 3 SUPPLY DUCT: SINGLE 13/16" FIBERGLASS DUCTBOARD IN CEILING CAVITY
- 3a SUPPLY DUCT: 8" FLEX INSUL. FLEX DUCT SUPPLY BRANCH
- 4 DIFFUSERS: 24"x24", PERFORATED FACE HART & COOLEY
- 5 RETURN AIR DUCT: SINGLE 13/16" FIBERGLASS DUCTBOARD IN CEILING CAVITY
- 5a RETURN AIR DUCT: 8" DIA. FLEX RETURN AIR BRANCH. ALL FLEX RETURN BRANCHES 10' LONG
- 6 R/A GRILLES: 24"x24", PERFORATED FACE, LAY-IN (CEILING) NO DAMPER.
- 7 EXH FAN: 100 CFM (CEILING MOUNT) - RT. S/W MODULE w/ HALF-BATHS
- 10 THERMOSTAT: FOR CENTRAL H.V.A.C. UNIT (PROGRAMMABLE)



TITLE: SPECIFICATIONS MODEL: 2464 O/A CLASSROOM	DRAWN BY: R.M. REV:	DATE: 4/12/17 SCALE: nts	JOB NO: 2017-046 DRAWING NO: 1
WILLIAMS SCOTSMAN, INC. 325 RODMAN ROAD, AUBURN, ME 04210			