A-FRAME
1 TYPE: PERIMETER
2 MAIN BEAM: W12"x14#3X-MEMBER:W8"x10#, @ 48" (NOM.) O.C.
3a X-MEMBER: SINGLE W8"x 10# 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: I 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 WALLS3TOP 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: ¼" 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, 26¼H. @ 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/ DIFFUSERELECTRONIC 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 RECEPT 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 ANDOPEN 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 BARGRAB 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)

STATE OF MAINE
Pin-Shi Peter Lee
12156
LICENSED
PROFESSIONAL ENGINEER
APR 2 8 2017

CITY OF PORTLAND, MAINE
RESURGAM
Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 06/20/17

JOB NO: 2	DRAWING NC
DATE: 4/12/17	SCALE: nts

WILLIAMS SCOTSMAN, INC.
325 RODMAN ROAD, AUBURN, ME 04210

DRAWN BY: R.M.
REV:
TITLE: SPECIFICATIONS
MODEL: 2464 O/A CLASSROOM