

MIDDLE SCHOOL RENOVATION QUEUE SCORE SHEET			Thoreau MS				
EVALUATED AREA	REMARKS	COMPLIANCE (5 is best)					SCORE
		1	2	3	4	5	
PART I: FUNDAMENTAL EDUCATIONAL REQUIREMENTS (F.E.R.)							
SPECIAL EDUCATION							
Life Skills Lab (550 sf)				x			4
7th GRADE CORE CLASSROOMS (4 TEAMS)							
English (4 @ 700 sf)	3 @ 677 sf		x				2
Social Studies (4 @ 700 sf)	3 @ 677 sf		x				2
Math (4 @ 700 sf)	3 @ 677 sf		x				2
Science Labs (4 @ 1,100 sf)	3 @ 946 sf		x				2
8th GRADE CORE CLASSROOMS (4 TEAMS)							
English (4 @ 700 sf)	2 @ 677 sf	x					1
Social Studies (4 @ 700 sf)	2 @ 677 sf	x					1
Math (4 @ 700 sf)	3 @ 677 sf		x				2
Science Labs (4 @ 1,100 sf)	3 @ 946 sf		x				2
7th & 8th GRADE CORE SUPPORT							
Foreign Language (2 @ 700 sf)	1 @ 824, 1 @ 677 sf					x	5
TOTAL F.E.R. SCORE (highest possible 50 points)							23
ADJUSTED F.E.R. SCORE (TOTAL DIVIDED BY .5, MULTIPLIED BY 30%)							13.80
PART II: FACILITY CONDITION ASSESSMENT SCORE (from worksheet, highest possible 255 points)							134
ADJUSTED F.C.A. SCORE (TOTAL DIVIDED BY 2.55, MULTIPLIED BY 30%)							15.76
PART III: SUPPLEMENTAL EDUCATIONAL REQUIREMENTS (S.E.R.)							
SPECIAL EDUCATION							
Changing Room (150 sf)				x			4
Life Skills Prep/Storage (170 sf)				x			4
Itinerant Offices (6 @ 250 sf)	5					x	5
Storage (100 sf)				x			4
7th GRADE CORE CLASSROOMS (4 TEAMS)							
Science Prep/Storage (2 @ 275 sf)	1 1/2 @ 194 sf		x				2
Conference Rooms (2 @ 100 sf)	shared sf			x			3
Teacher Work Rooms (2 @ 400 sf)		x					1
Storage (2 @ 200 sf)	1 @ 150 sf	x					1
8th GRADE CORE CLASSROOMS (4 TEAMS)							
Science Prep/Storage (2 @ 275 sf)	1 1/2 @ 194 sf		x				2
Conference Rooms (2 @ 100 sf)	shared sf			x			3
Teacher Work Rooms (2 @ 400 sf)	1 @ 223, 1 @ 288 sf		x				2
Storage (2 @ 200 sf)	1 @ 50 sf	x					1
7th & 8th GRADE CORE SUPPORT							
Multipurpose (4 @ 700 sf dividable)		x					1
Drama (700 sf)	1050 sf					x	5
Tech Tool Lab (950 sf)		x					1
Science Chemical Storage (150 sf)		x					1
Wireless Storage (2 @ 250 sf)		x					1
Student Activity Center (500 sf)	no	x					1
ART ROOMS							
Art Lab (2 @ 1,300 sf)				x			3
Storage/Prep (600 sf)			x				2
Pottery Wheel Area (200 sf)	not found	x					1
MUSIC ROOMS							
Band Room (1,800 sf)	1950 sf					x	5
Choral Room (1,200 sf)	1 @ 850 sf			x			3
Orchestra Room (1,000 sf)	currently uses lecture hall	x					1
Practice Rooms (2 @ 100 sf)	63+51+54+53 sf					x	5
Library (300 sf)	151 sf @ band + 77 sf + 77 sf @ choral				x		4
Workroom (250 sf)		x					1
Instrument Storage (2 @ 500 sf)	235 + 140 + 100 sf		x				2
WORK AND FAMILY STUDIES							
Food Lab/Demo Room (2,160 sf)	1450 sf, No ara station on demo.			x			3
Storage (200 sf)	62 sf	x					1

Fashion Lab (1,725 sf)	1064 sf			x				3
Office / Workroom (120 sf)	50 sf	x						1
Toilet (50 sf)		x						1
INDUSTRIAL TECHNOLOGY								
Technology Labs (2 @ 1,975 sf)	2 @ 1998 sf						x	5
Fabrication Room (300 sf)	used as art room	x						1
Dark Room (100 sf)							x	5
Storage Room (150 sf)							x	5
Video Lab (200 sf)							x	5
Video Control Room (100 sf)							x	5
Storage Room (150 sf)							x	5
Audio Lab (100 sf)							x	5
Office / Workroom (150 sf)							x	5
PHYSICAL EDUCATION								
Gymnasium (10,000 sf)	5877 sf + 4711 sf Split into two gyms					x		4
Gym Storage Rooms (2 @ 300 sf)	1 @ 103, 1 @ 76, 1 @ 100		x					2
Auxiliary Gym (1,000 sf)	1170 (weight room)						x	5
Auxiliary Gym Storage (200 sf)	1 @ 200 sf						x	5
Teacher's Office (4 @ 150 sf)	3 @ 100 sf		x					2
Locker/Shower/Toilet (2 @ 2,800 sf)	(1240 + 168 + 100 + 70) = 1578 ea. now ara		x					2
Laundry (200 sf)		x						1
Health Classrooms (2 @ 900 sf)	1 @ 834 sf		x					2
Exterior Storage (400 sf)	1 @ 177 sf		x					2
Custodial Closet (50 sf)							x	5
Rec Dept Storage (200 sf)	1 @ 200 sf						x	5
TOTAL S.E.R. SCORE (highest possible 265 points)								154
ADJUSTED S.E.R. SCORE (TOTAL DIVIDED BY 2.65, MULTIPLIED BY 10%)								5.81
PART IV: BUILDING SUPPORT AREAS (B.S.A.)								
ADMINISTRATION/GUIDANCE								
Main Office/Reception (1,000 sf)	616 sf + 173 sf		x					2
Principal's Office (200 sf)	not on master key system						x	5
Principal's Admin Asst (100 sf)	in office/ recp.	x						1
Mailroom (50 sf)						x		4
Principal Conf Rm (250 sf)	274 sf						x	5
Asst Principal's Office (2 @ 150 sf)	132 ea.					x		4
Guidance Director (175 sf)	147 sf					x		4
Guidance Counselor (4 @ 120 sf)	(3) 107 sf, one space open in recp.			x				3
Guidance Conference Room (200 sf)	166 sf			x				3
Finance Office (130 sf)	231 sf included elec. across hall			x				3
Dupli/Prod Workroom (200 sf)	124 sf	x						1
Guidance Records Storage (250 sf)	124sf	x						1
Vault (150 sf)		x						1
Supply / Storage (100 sf)	40 sf					x		4
In-school Suspension (250 sf)	in 216, 1 @ 223						x	5
Men Toilet (65 sf)	not ada		x					2
Women Toilet (65 sf)	not ada		x					2
CLINIC								
Waiting Room (100 sf)							x	5
Exam Room (120 sf)	exam/wait 386 sf						x	5
Rest Area (150 sf)	(2) @ 95 sf						x	5
Toilet (65 sf)	(2) both not ada			x				3
Custodial Closet (24 sf)	storage					x		4
FOOD SERVICES / AUXILIARY SERVICES								
Cafeteria (5,250 sf)	4317 sf poor condition			x				3
Cafeteria Storage (250 sf)	350 sf used as office	x						1
Stage (1,000 sf)	1527 sf						x	5
Serving Area / Snack Bar (860 sf)	606 sf no snack line			x				3
Kitchen (1,000 sf)	1169 sf					x		4
Dry Food Storage (350 sf)						x		4
Walk-In Fridge/Freezer (150 sf each)	2 @ 100 sf					x		4
Office (150 sf)	75 sf		x					2
Staff Lockers/Toilet (200 sf)			x					2
Custodial Closet (24 sf)							x	5
Teacher's Lounge (700 sf)	265 + 207 sf vending several rooms			x				3

Book Storage (2 @ 300 sf)	1 @ 195 sf, 1 @ 375 sf					x			4
MEDIA CENTER									
Media Center (4,500 sf)	3133 sf + 506 sf, 1 @ 3639					x			3
Librarians's Office (350 sf)	345 sf							x	5
Unisex Toilet (65 sf)		x							1
Multimedia Storage (300 sf)	286 sf							x	5
Workroom (400 sf)	159 sf	x							1
Communications Room (180 sf)		x							1
Computer Alcove (725 sf)	sep 743 sf							x	4
TV Studio (650 sf)		x							1
Conference Room (180 sf)	214 sf							x	5
GROUP INSTRUCTION									
Lecture Hall (3,900 sf)	1 @ 2688 sf					x			3
CUSTODIAL SUPPORT									
Custodial Closets (6 @ 50 sf)	6 @ 50 sf							x	5
Custodian's Office (100 sf)								x	5
Supply Room (250 sf)								x	5
Equipment Storage (300 sf)	off cafeteria							x	5
Building Engineer (150 sf)								x	5
Outdoor Storage (250 sf)	1 @ 100 sf			x					2
GENERAL BUILDING SUPPORT									
Girls Gang Toilets (1,500 sf)		x							1
Boys Gang Toilets (1,500 sf)	poor condition and small, not ada	x							1
Mens Toilets (500 sf)				x					2
Womens Toilets (500 sf)				x					2
Elevator/Machine Room (150 sf)								x	5
TOTAL BUILDING SUPPORT AREA SCORE (highest possible 275 points)									179
ADJUSTED B.S.A. SCORE (TOTAL DIVIDED BY 2.75, MULTIPLIED BY 10%)									6.51
PART V: CAPACITY / ENROLLMENT FACTOR (from 1 to 318, highest has the least density)									318
ADJUSTED C.E.F. SCORE (TOTAL DIVIDED BY 3.18, MULTIPLIED BY 10%)									10.00
PART VI: CODE COMPLIANCE ASSESSMENT SCORE (from worksheet, highest possible 250 points)									154
ADJUSTED C.C.A. SCORE (TOTAL DIVIDED BY 2.5, MULTIPLIED BY 10%)									6.16
FINAL SCORE OUT OF 100 POINTS									58.05

FACILITY CONDITION ASSESSMENT FORM		Thoreau Middle School					
EVALUATED AREA	REMARKS	CONDITION (5 is best)					SCORE
		1	2	3	4	5	
SITE							
Parking Lots	some on site bus parking		x				2
Side Walks/Stairs/Railings	no site stairs; walk in various cond.				x		4
Adequate on-site bus queing	appeared adequate				x		4
Kiss 'n' Ride	laid out with cones in parking area	x					1
Athletic/Play Areas/Grandstands	play fields need signs infield paved play cracked			x			3
Landscaping	grass areas dead at school front below mature trees			x			3
BUILDING ENVELOPE							
Concrete/Masonry Veneer/Sills	sill various condition/ brick good				x		4
Exposed Structural Steel	some rusting			x			3
Windows/Doors/Skylights	most uninsulated stl.		x				2
Roofing/Siding							
INTERIOR							
Plan Organization/Circulation					x		4
Doors/Windows/Glazing	most uninsulated doors/windows/knob hdwr.		x				2
Walls/Wainscots	ct. very poor condition	x					1
Floors	terrazzo & vct tile poor			x			3
Ceilings				x			3
Chalkboards/Tackboards			x				2
Toilet Partitions/Accessories			x				2
Lockers/Benches				x			3
Auditorium Seats/Curtains						x	5
Athletic Equipment				x			3
Casework			x				2
Bleachers	gym bleachers are wood 4 tier		x				2
Elevators/Lifts				x			3
MECHANICAL / PLUMBING							
Roof Drains/Down Spouts	roof drains w/ gravel stops			x			3
Power Roof Ventilators	old, pretty banged up		x				2
Fuel Storage Tanks	ug w/ monitoring		x				2
Chillers	McQuay '80 vintage		x				2
Cooling Tower	n/a					x	5
Air Handling Equipment	mostly new rtus '05, UV's older			x			3
Boilers	Burnhams '91		x				2
Pumps	cw ok, old, steam portion pretty rough		x				2
Terminal Units/Convectors	old, pretty banged up		x				2
Unit Heaters/Cabinet Heaters	old, pretty banged up		x				2
ATC	Andover 256 over		x				2
Kitchen Hood	painted w/ dry chem			x			3
Water Heaters	manifolded units, kitchen separate			x			3
ELECTRICAL							
Generators	yes, newer Cummins			x			3
Main Service	2500a Westinghouse 480/277		x				2
Panels/Breakers	mix, mostly old		x				2
Adequate Receptacles	ok, lots of wiremold			x			3
Adequate Interior Lighting	2x4 lensed			x			3
Emergency Lighting				x			3
Site Lighting	floods		x				2
Field Lighting	n/a					x	5
Theatre Lighting	light bars at cafet. Stage		x				2
School Zone Signals			x				2
Fire Alarm	old Edwards system		x				2
Security Intrusion System	square MS			x			3
Main Sound System	old Bogen rack		x				2
Auxiliary Sound Systems	new unit on wheels			x			3
Telecommunications	Mitel			x			3
TOTAL (highest possible 250 points)							134

CODE COMPLIANCE ASSESSMENT FORM		Thoreau MS					
EVALUATED AREA	REMARKS	COMPLIANCE (5 is best)					SCORE
		1	2	3	4	5	
SITE							
Adequate Parking Spaces				x			3
Curbs/Gutters/Walks	omitted curb cuts				x		4
Adequate Site Area (FAR)	FAR = .13					x	5
Inadequate Building Setbacks						x	5
Drainage/E & S Problems	none found					x	5
Adequate Tree Screening						x	5
Adequate Vehicular Access	two access points				x		4
Difficult Site (topography)	mostly level/slight grade					x	5
ADA							
Accessible Route (Exterior)	hc parking crosses bus loop/step @ 2nd entry (3)only			x			3
Parking Spaces	no curb cut to parking area			x			3
Playground Access	relatively flat short step @ some exits				x		4
Field Access					x		4
Entrances	step @ several entrances			x			3
Toilets	not ada	x					1
Water Fountains		x					1
Signage	omitted @ most where provided @ head only	x					1
Elevator				x			3
Accessible Route (Interior)						x	5
BUILDING							
Classification						x	5
Fire Separation Areas					x		4
Adequate number/size exits					x		4
Adequate corridor width					x		4
Adequate Stairs						x	5
FESA Rooms						x	5
Panic Hardware			x				2
Open Plan						x	5
Energy efficient walls				x			3
Energy efficient windows		x					1
Energy efficient roof							
Structural capacity						x	5
MECHANICAL / PLUMBING							
Sprinklers	no		x				2
Adequate Plumbing Fixtures	ok			x			3
Low Flow Plumbing Fixtures	no		x				2
Hot Water Loop	yes			x			3
Adequate Roof Drains	ok, gravel stops			x			3
Classroom HVAC Acoustics	UV's in rooms		x				2
Ventilation Rates	louvers into UV's		x				2
Heating Efficiency	old equipment		x				2
Cooling Efficiency	old equipment		x				2
ATC	old DDC over pneumatics		x				2
ELECTRICAL							
Fire Alarm	old Edwards system		x				2
Emergency Lighting	fish eyes in several areas		x				2
Elec Rooms used for Storage	yes		x				2
Grounding Systems Installed	none found		x				2
GFCI Installed	yes			x			3
Lighting Motion Sensors	yes			x			3
Conductor Protection/Support				x			3
Non-Compliant Site Lighting	floods		x				2
Presence of PVC Conduit				x			3
Undersized Generator	20 kw		x				2
TOTAL (highest possible 250 points)							154