

ATTACHMENT A : BUILDING SPECIFICATION

BASE SPECIFICATION FOR THE MADISON PLAINS LOCAL SCHOOL DISTRICT PRE -6 BUILDING AND 7 -12- BUILDING RFP (MPLSD RFP #1)

Design Criteria

Use Group	E - EDUCATION
Construction Type	TYPE V B WOOD FRAME
Roof Live Load	40 PSF
Floor Live Load	50 PSF
Corridor Floor Load Live	100 PSF
Wind Speed	90 MPH
Wind Exposure	B

Code Approval

Plan Review	OHIO PLAN REVIEW
Plan Seal	OHIO PE SEAL
Module Labels/Seals	3RD PARTY LABEL
Module Labels/Seals	MBI LABEL
Module Labels/Seals	OHIO LABEL
Inspections	3RD PARTY INSPECTION

Frames

Frame Size	13'-9" x 70'-0"
Frame Type	12"JR I-BEAM PERIMETER FRAME W/ 10" CROSSMEMBERS 48" O.C.
Hitch	DEMOUNTABLE W/2-5/16" COUPLER & ELEVATING JACK
Axles and Tires	6000# AXLE, 5 WITH ELECTRIC BRAKES AND TIRES
Axles and Tires	6000# AXLE , 6 WITH ELECTRIC BRAKES AND TIRES FOR RESTROOM MODULE
Accessories	SISTER BEAM

Floors

Bottom Board	ROLL TYPE PLASTIC BOTTOM BOARD
Floor Joists	2 X 6 INSTALLED LONGITUDINAL @ 16" O.C.
Insulation	R-22 KRAFT FACED INSULATION (5-1/2")
Decking	SINGLE LAYER 5/8" NOMINAL T&G PLYWOOD BASE LAYER 11" EACH SIDE OF MATLINES
Decking	SINGLE LAYER 5/8" NOMINAL SQUARE EDGE PLYWOOD TOP LAYER HOLD BACK 23" EACH SIDE OF MATELINES
Decking	UNDERLAYMENT 1/2" HARDIE BACKER, IN RESTROOM UNIT ALL ROOMS HOLD BACK AT THE CORRIDOR MATE LINES 23". FACTORY INSTALLED FOR FACTORY INSTALLED FINISHES IN ROOMS, CORRIDOR FINISHES WILL BE SITE INSTALLED.
Classroom Floor Covering	PROVIDED AND INSTALLED BY OTHERS AT SITE
Corridor Floor Covering	PROVIDED AND INSTALLED BY OTHERS AT SITE
Restroom Floor Covering	COMMERCIAL ROLL GOODS, ARMSTRONG CONNECTION COROLON
Restroom Cove base	COMMERCIAL ROLL GOODS, ARMSTRONG CONNECTION COROLON FLASH COVE 6" WITH METAL CAP
Tech Closet Floor Covering	ROPPE #992 RAISED COIN RUBBER TILE
JC Closet Floor Covering	ROPPE #992 RAISED COIN RUBBER TILE
JC Closet cove base	6" ROPPE BASE
Misc	30"x30" CRAWL SPACE ACCESS AS MANUFACTURED BY BILCO LOCATED IN THE JANITOR'S CLOSET
Misc	FLOOR DECKING HELD BACK 11" AT MATE LINE-FOR SITE FINISH BASE LAYER
Misc	FLOOR DECKING HELD BACK 23" AT MATE LINE- FOR SITE FINISH TOP LAYER

Ext. Walls and Trim

Exterior Walls	10'-0" 2X4 STUDS, 16" O.C. W/DBL TOP & SGL BOTTOM PLATES
Exterior Wall Insulation	R-15 FIBERGLASS, KRAFT FACED
Wall Sheathing	STRUCTURAL SHEATHING 7/16" OSB
Wall Sheathing	BUILDING WRAP
Siding	HARDI PANEL, STUCCO

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Skirting	HARDI PANEL, STUCCO	
Skirting	SOLAR TEK FOUNDATION VENTS - NOTE: SHIPPED LOOSE, 2 PER MODULE	OMIT
Trim	TOP 1X6 WOOD ROUGH SAWN CEDAR	OMIT
Trim	CORNER 1X4 WOOD ROUGH SAWN CEDAR	
Trim	DOOR 1X4 WOOD ROUGH SAWN CEDAR	
Trim	WINDOW 1X4 WOOD ROUGH SAWN CEDAR	
Trim	MATE-LINE 1X4 WOOD- SHIPPED LOOSE ROUGH SAWN CEDAR	
Trim	BOTTOM 1X6 WOOD- SHIPPED LOOSE ROUGH SAWN CEDAR	

Int. Walls and Trim

Interior Walls	10'-0" 2 X 4 STUDS, 16" O.C W/DBL TOP & SGL BOTTOM PLATES
Interior Wall Insulation	R-11 FIBERGLASS, UNFACED
Plenum Walls	2 X 4 STUDS, 16" O.C SINGLE TOP & BOTTOM PLATES
Mate-Line Walls	2 X 4 STUDS, 16" O.C DBL TOP & SGL BOTTOM PLATES
Shipping Walls	PLASTIC COVERING WITH SHIPPING WALL BRACES 4' X 8' 4" WALLS WITH 1/2" SHEATHING. USE DOUBLE HEADED NAILS OR SCREWS TO FASTEN FOR EASE OF REMOVAL.
Wall Covering	1/2" VINYL COVERED GYPSUM GROUP II CLASSROOM, CORRIDORS, CLOSETS, TECH ROOM.
Wall Covering	030" (FRP) OR EQUAL GLASS BOARD, WHITE OVER 1/2" MOISTURE RESISTANT GYP - Note: FULL HEIGHT IN RESTROOMS & JC CLOSET
Wall Covering	5/8" TYPE "X" GYPSUM UNDER WALL COVERING AT RATED AREAS
Interior Trim	BASE: 4" VINYL COVE
Interior Trim	BASE: 6" VINYL COVE - NOTE: IN RESTROOMS AND JC CLOSET
Interior Trim	CEILING: SUSPENDED CEILING WALL ANGLE INSTALL IN CLASSROOMS CLOSETS, RESTROOMS, JANITORS CLOSET, TECH CLOSET, STAFF RESTROOMS OFFICES. SHIP LOOSE THE BALANCE OF THE MATERIALS FOR INSTALLATION AT SITE.
Interior Trim	INSIDE CORNER: MATCHING VINYL WRAPPED ISC - 1-1/2" X 1-1/2"
Interior Trim	OUTSIDE CORNER: MATCHING VINYL WRAPPED OSC - 1-1/2" X 1-1/2"
Interior Trim	WINDOW: PAINTED JAMB
Interior Trim	WINDOW: PAINTED CASING 2-3/16"
Interior Trim	WALL CLOSE UP: MATCHING VINYL WRAPPED BATTEN 4"
Interior Trim	WALL SEAMS FRP 2 PIECE MOLD
Interior Trim	INSIDE CORNER: FRP J CHANNEL
Interior Trim	IN PRO HIGH IMPACT OUTSIDE CORNERS ARE SUPPLIED BY MFG (SHIPLOOSE) AND INSTALLED AT SITE BY OTHERS.

Roof

Trusses/Rafters	FLAT RAFTER, 2x10, 40# LL
Trusses/Rafters	TRANSVERSE RIDGE TAPERED 2x10
Mate-Beams	STEEL C CHANNEL C12X20.7X68FT
Insulation	R-38 FIBERGLASS, KRAFT FACED
Ceiling	5/8" GYPSUM (UNFINISHED)
Ceiling	SUSPENDED 2x4 CORTEGA MINERAL FIBER, #769 ARMSTRONG OR EQUIVILANT,
Ceiling	NOTE: SUSPENDED CEILING HEIGHT IS 8'- 6"
Sheathing	5/8" FR PANEL, PLYWOOD; CLASS 'C'
Roofing	.060" EPDM, FULLY ADHERED, BLACK 15 YEAR PREMIUM WARRANTY MANUFACTURER MUST SUBMIT MULE HIDE APPROVED CONSTRUCTION PLAN ON THE ENTIRE ROOF SYSTEM PRIOR TO APPROVAL FOR RELEASE FOR CONSTRUCTION. INSPECTION BY MULE HIDE REPRESENTATIVE PRIOR TO SHIPPING
Mansard/Overhangs	36" HIGH w/2" OVERHANG, HARDI PANEL, STUCCO
Mansard/Overhangs	36" HIGH w/24" OVERHANG, HARDI PANEL, STUCCO
Mansard/Overhangs	NOTE: PARAPET MANSARD WITH ALUMINUM CAP
Roof Ventilation	24" OVERHANG, VENTILATED
Roof Ventilation	GABLE VENT, POWERED, IN OVERHANG
Misc	EPDM, SELF BRIDGING, BLACK AT MATE-LINES FURNISH 18" TAPE FOR ALL SEAMS.
Misc	MULE HIDE 20 YEAR ROOF SYSTEMS WARRANTY
Misc	SPLASH BLOCKS AND DOWN SPOUTS PROVIDED AND INSTALLED BY OTHERS

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Misc TAPPERED ISO FOR CRICKETING
Misc PORTAL PLUS 3" PVC ROOF DRAIN W/ ALUMINUM LEAF SCREEN

Ext. Doors

Door/Frame 72X84 DOUBLE 16 GA STEEL W/ 16 GA STEEL JAMBS REMOVEABLE MULLION
Door/Frame RECESSED ENTRY FOR DOUBLE DOOR, WITH DEC-KING .060 THE EXTERIOR
Lite 5 X 20 SAFETY GLASS
Hardware STAINLESS STEEL KICK PLATES
Hardware VON DUPRIN 99L PANIC W/ LEVER & FALCON 7-PIN KEY CYLINDER
Hardware OVERHEAD HYDRAULIC CLOSER, LCN 4111
SPECIAL 72X84 DOUBLE 16 GA STEEL W/ 16 GA STEEL JAMBS WELDED FOR USE IN A 12"
MASONRY WALL. REMOVEABLE MULLION PAINTED PER SPEC PROVIDE 2
COMPLETE UNITS SHIP LOOSE FOR INSTALLATION AT SITE. INCLUSIVE OF
PANIC HARDWARE, CLOSURES, KICK PLATES & LITES.
Hardware 3 FALCON CONSTRUCTION CORES REQUIRED FOR EACH SET OF EXTERIOR
DOORS ALL INTERIOR DOORS SHALL HAVE A CONSTRUCTION CORE
SUPPLIED BY MFGR.

Int. Doors

Door/Frame 36X84 LEGACY OAK SOLID CORE W/STEEL TIMELY FRAME 20 MINUTE
Door/Frame 36X84 LEGACY OAK SOLID CORE W/STEEL TIMELY FRAME 45 MINUTE
Door/Frame 36X84 LEGACY OAK SOLID CORE W/STEEL TIMELY FRAME
Lite 5 X 20 COMPOSITE GLASS FOR WOOD DOOR
Hardware CLASSROOM FUNCTION LEVER SET, SCHLAGE ND70BD-RHO W/ FALCON 7 PIN
PROVIDE CONSTRUCTION CORES
Hardware PRIVACY LEVER SET, SCHLAGE ND40BD-SAT
Hardware OVERHEAD HYDRAULIC CLOSER LCN 1261
Hardware WALL MOUNTED DOOR STOPS, METAL

Windows

Exterior MINI BLINDS
Exterior PLASTIC WINDOW SILL AS MANUFACTURED BY SILL RITE SHIP LOOSE
ADDITIONAL SILLS FOR SHIP LOOSE WINDOWS.
Exterior 48X48 HS, VINYL FRAME WHITE, CLEAR IG GLASS W/SCREENS, LOW E GLASS ,
SINGLE LATCH
SPECIAL SHIPLOOSE 3 ADDITIONAL WINDOW UNITS WITH SILLS FOR INSTALLATION IN
THE MASONRY SITE BUILT CORRIDOR.

Electrical

Service 120/208 VOLT, THREE PHASE, 4 WIRE, 60 HZ. W/GROUND SUBMIT BALANCING
PLAN PRIOR TO RELEASE FOR CONSTRUCTION
Load Center 125 AMP W/MAIN, 3-PHASE INDOOR W/ CONDUIT THRU FLOOR, RESTROOMS &
CORRIDOR MODS
Load Center 150 AMP W/MAIN, 3-PHASE INDOOR W/ CONDUIT THRU FLOOR, 1 FOR EVERY 2
CLASSROOMS
Load Center ELECTRICAL PANELS SHOULD BE LOCKABLE AND KEYED ALIKE
Raceway MIN. #12 NON-METALLIC SHEATHED CABLE NM OR NMC (ROMEX)
Raceway MIN. #12 METALLIC SHEATHED CABLE (MC)
Interior Lights DIFFUSED, LAY-IN, 4', (4) TUBE T-8 FLUORESCENT, DUAL BALLAST
Interior Lights EMERGENCY BATTERY PACK FOR FLOURESCENT FIXTURES
Exterior Lights CEILING MOUNTED INCANDESCENT
Exterior Lights PHOTO CELL CONTROL
Exterior Lights 100 WATT METAL HALIDE
Emergency/Exit Lights REMOTE HEAD EMERGENCY LIGHT, EXTERIOR WEATHERPROOF
Emergency/Exit Lights DUAL FACE EXIT SIGN W/BATTERY BACK UP
Recepts 15 AMP, 120 VOLT, DUPLEX, GROUNDING TYPE , MINIMUM OF 8 PER
Recepts 15 AMP, 120 VOLT, DUPLEX, GFCI TYPE IN RR (2) AND JANITOR'S
Recepts 15 AMP, 120 VOLT, DUPLEX, GFCI TYPE, EXTERIOR W/BUBBLE COVER 6 UNITS
ON THE BUILDING EXTERIOR 7 -12 BUILDING AND 8 UNITS PRE - 6 BUILDING.
Recepts 15 AMP, 120 VOLT, DUPLEX, EXTERIOR BELOW FLOOR SERVICE & HEAT QUAN

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Recepts	15 AMP, 120 VOLT, DBL DUPLEX, GROUNDING TYPE RECEPT, MINIMUM OF 4 PER OFFICE
Switches	15 AMP, 120 V,SILENT TOGGLE TYPE
Switches	15 AMP, 120 VOLT, 3-WAY TOGGLE TYPE
Switches	OCCUPANCY SENSOR SWITCHES W/ MANUAL OVERRIDE PROVIDE SUBMITTAL CUT SHEET.
Rough ins for data / phone / Public Address systems / smart boards / clocks / coaxial TV /	4X4 ACCESS BOX W/1" EMT CONDUIT TO SUSPENDED CEILING CAVITY AND SINGLE GAN ACCESSORY BOX WITH 3/4" EMT CONDUIT TO SUSPENDED CEILING / EACH ROUGH - IN TO INCLUDE A FACTORY INSTALLED "IVORY" BLANK COVER. / ALL CONDUIT RUNS FOR ROUGH - INS ARE TO TERMINATE IN THE BUILDING CORRIDOR . THE TYPICAL CLASSROOM LOCATIONS FOR THESE DEVICE ROUGH INS SHOWING QUANTITY IS AVAILABLE FOR REVIEW AND IS INCLUDED AS ATTACHMENT D. THE SAME DEVICE ROUGH INS WILL BE PROVIDED FOR EACH OFFICE UNIT IN QUANTITY REDUCED BY 50% AND WILL BE INCLUDED IN THIS PROPOSAL.
Rough ins/ Fire Alarm	4X4 ACCESS BOX W/1" EMT CONDUIT TO SUSPENDED CEILING CAVITY AND SINGLE GAN ACCESSORY BOX WITH 3/4" EMT CONDUIT TO SUSPENDED CEILING / EACH ROUGH - IN TO INCLUDE A FACTORY INSTALLED "IVORY" BLANK COVER. / ALL CONDUIT RUNS FOR ROUGH - INS ARE TO TERMINATE IN THE BUILDING CORRIDOR . THE FA PANEL AND CIRCUIT WILL BE LOCATED IN THE TECHNOLOGY CLOSET AND RACEWAY FROM THIS CLOSET TO THE CORRIDOR WILL BE FURNISHED. 3- 3/4" EMT TERMINATING ABOVE THE CEILINGS IN THE CORRIDOR AND THE TECHNOLOGY CLOSET. ALL
Rough ins/Miscellaneous	EACH ROUGH-IN TO INCLUDE FACTORY INSTALLED "IVORY" BLANK UNBREAKABLE PLASTIC COVERS
Rough ins/Miscellaneous	ALL CONDUIT RUNS FOR ROUGH INS ARE TO TERMINATE IN BLDG CORRIDOR PROVIDE ESTIMATED WATER SUPPLY LINE SIZE AND DWV SANITARY SIZE REQUIREMENTS
Plumbing	
Supply Lines	COPPER, HARD TYPE L
Supply Lines	SUPPLY PIPING TO BE INSULATED ABOVE SUSPENDED CEILING
Waste Lines	ABS OR PVC SCHEDULE 40
Waste Lines	TRAP WRAP ON EXPOSED LINES
Water Closets	ELONGATED BOWL, TANK TYPE PRESSURE ASSIST W/ OPEN FRONT SEAT (American Standard Mander))
Water Closets	ELONGATED BOWL, TANK TYPE PRESSURE ASSIST W/ OPEN FRONT SEAT (American Standard Mander))
Urinals	WALL HUNG W/CONCEALED TRAP AND FLUSHOMETER, HANDICAP (American Standard Trimbrook w/ Sloan Royal 111 Flush Valve)
Lavatories	WALL HUNG VITREOUS CHINA, 20X18, HANDICAP W/SINGLE LEVER FAUCET (Mansfield Grand Isle 2018HBNS & Chicago Faucet 802V665CP)
Sinks	NONE
Shower(s)	NONE
Mop Sinks	SERVICE, 24X24, FIBERGLASS FLOOR MOUNT & WALL MOUNT FAUCET (Fiat MSB 2424 & Chicago Faucet 987-CP)
Drinking Fountain	WATER COOLERS NOT PLUGGED, FILL W/WATER PRIOR TO ENERGIZING
Drinking Fountain	COOLED BARRIER FREE, BI-LEVEL (Elkay EZS-TL8LC)
Water Heaters	WATER HEATER NOT PLUGGED FILL WITH WATER PRIOR TO ENERGIZING
Water Heaters	40 GALLON ELECTRIC W/T&P VALVE STANDARD. THE OWNER WOULD LIKE TO CONSIDER AN ON DEMAND HOT WATER HEATING UNIT WITH THE CAPACITY TO PROVIDE SERVICE TO THE ENTIRE RESTROOM UNIT. IF THE OPTION IS AVAILABLE PLEASE PROPOSE THIS AS A VOLUNTARY ALTERNATE.
Water Heaters	HOT WATER CIRCULATING PUMP AS MANUFACTURED BY GRUNDFOS
Floor Drains	PVC, 3"
Hose Bibbs	FURNISH 1 FREEZE PROOF SPIGOT UNIT ON EACH END OF THE REST ROOM UNIT EXTERIOR, 24 INCHES AFF.
Modesty Partitions	STEEL W/DOOR, STANDARD
Modesty Partitions	STEEL W/DOOR, HANDICAP
Modesty Partitions	STEEL WALL HUNG URINAL SCREEN

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Accessories/Misc MIRROR, 18X36 W/STAINLESS STEEL EDGES
Accessories/Misc GRAB BARS, SET STAINLESS STEEL, (1) 36", (1) 42", & (1) 18"

HVAC

HVAC Equipment HEAT PUMP, WALL HUNG, 4 TON COOLING 1-PHASE 20 KW HEAT
NOTE: ALL HVAC UNITS ON ONE END OF BUILDING

Electric Heaters INDEPENDENT WALL MOUNT 120 / 208 VOLT HEATING UNITS IN CORRIDOR
CORRIDOR SUBMIT QUANTITY AND DESIGN CALCULATIONS WITH PROPOSAL SHOWING
SIZE, LOCATION AND QUANTITY. UNITS SHALL BE CONTROLLED BY INDIVIDUAL
THERMOSTATS. (BUILT IN)

Controls THERMOSTAT DIGITAL PROGRAMMABLE BARD 8403-060

Controls CO2 SENSOR BARD 8403-056

Accessories CRV FOR WALL HUNG (6 TON MAX) PRESET THE DAMPERS FOR SITE
LOCATION AND PROVIDE DOCUMENTATION OF SERVICE AT MANUFACTURER.

Supply Duct 16"X8", FIBERGLASS, CEILING

Supply Duct INSULATED GALVANIZED STEEL, CEILING IN CORRIDOR WITH FIRE DAMPERS

Return Duct 16"X8", FIBERGLASS, CEILING

Return Duct 12"X5", ALUMINUM, FLOOR

Fire/Smoke Dampers 16"X8" GALVANIZED METAL DUCT TYPE, THROUGH RATED WALLS AND
CORRIDOR PASS THROUGH DUCTS , PROVIDE DYNAMIC DAMPERS AS
REQUIRED

Fire/Smoke Dampers DESIGN OF THE CORRIDOR ELECTRICAL HEATING UNITS SHOULD ELIMINATE
THE REQUIREMENT FOR THESE DAMPERS. SEE ELECTRIC HEATERS.

Supply Diffusers 24"X24" W/ADJUSTABLE DAMPER IN CEILING

Supply Diffusers DIFFUSERS TO BE HART & COOLEY FPD SERIES

Supply Diffusers 24"X24" W/ADJUSTABLE DAMPER IN CEILING WITH FLEX DUCT & RD RADIAL
DAMPER

Return Air Grilles 24"X24" IN CEILING

Return Air Grilles NONE

Return Air Grilles 30"X20" THROUGH WALL AT UNIT W/ SHOEMAKER FILTER GRILLE. PROVIDE 1
ADDITIONAL FILTER FOR EACH UNIT TO BE CHANGED OUT ON SITE AFTER
CONSTRUCTION. SHIPLOOSE.

Exhaust Fans 100 CFM STANDARD CEILING FAN

Exhaust Fans 350 CFM CEILING FAN

Exhaust Fans EXHAUST FANS TO BE WIRED TO LIGHT SWITCH

Crawl space conditioning PROVIDE CONDITIONED AIR TO THE CRAWL SPACE UTILIZING DUCTED SUPPLY
AIR FROM THE HVAC UNIT AND A DUCTED EXHAUST FAN FROM THE CRAWL
SPACE TO THE EXTERIOR OF THE BUILDING. THE SUPPLY AIR SHALL BE
INSTALLED IN AN EXTENSION CHASE TO THE PLENUM WALL ON THE HVAC UNIT
SIDE AND THE EXHAUST SHALL BE LOCATED IN AN EXTENSION OF THE
PLENUM WALL ON THE OPPOSITE END OF THE PAIR OF UNITS. THE EXHAUST
FANS WILL BE CONTROLLED BY A VARIABLE SPEED SWITCH THAT WILL
OPERATE AND BE CONTROLLED BY THE HVAC FAN SWITCH. THE FAN SHALL
BE LOCATED ABOVE THE CEILING FOR ACCESS OR AN ACCESS DOOR SHALL
BE PROVIDED IN THE CHASE WALL.. CALCULATIONS MUST BE SUBMITTED TO
SHOW ADEQUATE CONDITIONING OF THE CRAWL SPACE CAVITY PRIOR TO
CONSTRUCTION. THE BID MUST BE INCLUSIVE OF SUFFICIENT SIZE AND
QUANTITY OF DEVICES AND CHASES FOR EACH OF THE BUILDINGS.

Specialties

Shelving / Coat Racks VINYL COVERED WIRE SHELF 3 UNITS PER CLOSET / BOTTOM TO HAVE COAT
CLOSETS ROD ASSEMBLY. TYPICAL OF ALL CLASSROOMS

Shelving / Coat Racks 10' EMCO SHELF W/ HOOKS PRE -6 FACILITY ONLY
CLASSROOMS

Lockers & Benches PREPARE WALLS TO RECEIVE LOCKERS AS SHOWN ON FLOOR PLAN
INCLUSIVE OF MOUNTING BACKING AND LOCATION OF ELECTRICAL SERVICE
RECEPTACLES AND SWITCHES. THE RECEPETS WILL BE LOCATED IN THE
RECESSED ENTRYWAYS AT THE CLASSROOMS AS REQUIRED.

Fire Safety SEMI RECESSED FIRE EXTINGUISHER CABINET, 10#, METAL (KIDDE 468047)
LOCATED PER CODE REQUIREMENTS

Fire Safety 10#, ABC, DRY CHEMICAL LOCATED PER CODE REQUIREMENTS

Chalk,Tack & Marker 4'X4' TACK BOARD, VINYL, CLASS A, MICHIGAN APPROVED 2 UNITS PER
Boards CLASSROOM. 1 UNIT PER OFFICE

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Chalk, Tack & Marker
Boards
Appliances

4'X12' WHITE, PORCELAIN-ON-STEEL MARKER BOARD, W/ALUMINUM FRAME,
CHALK TRAY, MAP RAIL, FLAG HOLDER, AND (4) HOOKS 1 PER CLASSROOM
NONE

