Wisconsin Department of Transportation

Division of Transportation Systems Development
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November 7, 2024

NOTICE TO ALL CONTRACTORS:

Proposal #28: **1225-10-73, WISC 2025022**
Manitowoc - Green Bay
SRA 51 Maribel/SRA 52 Denmark
IH 43
Manitowoc County

Letting of November 12, 2024

This is Addendum No.02, which provides for the following:

Special Provisions:

Revised Special Provisions	
Article No.	Description
19	Rest Area 51 Building, General Construction, Item SPV.0060.01; Rest Area 52 Building, General Construction, Item SPV.0060.02; Rest Area 51 Building, Plumbing, Item SPV.0060.03; Rest Area 52 Building, Plumbing, Item SPV.0060.04; Rest Area 51 Building, Heating and Ventilation, Item SPV.0060.05; Rest Area 52 Building, Heating and Ventilation, Item SPV.0060.06; Rest Area 51 Building, Electrical, Item SPV.0060.07; Rest Area 52 Building, Electrical, Item SPV.0060.08; Rest Area 51 Maintenance Building, Item SPV.0060.09; Rest Area 52 Maintenance Building, Item SPV.0060.10
27	Underground Copper Water Line, 3-Inch, Item SPV.0090.01; Underground Copper Water Line, 1-Inch, Item SPV.0090.02.
28	Sanitary Sewer PVC, 6-Inch, Item SPV.0090.03; Sanitary Sewer PVC, 8-Inch, Item SPV.0090.04.

Plan Sheets:

Revised Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
58	INTERIOR ELEVATIONS
61	INTERIOR ELEVATIONS
100	INTERIOR FINISH LEGEND AND NOTES
109	MAINTENANCE BUILDING
134	HVAC SCHEDULES

The responsibility for notifying potential subcontractors and suppliers of these changes remains with the prime contractor.

Sincerely,

Mike Coleman

Proposal Development Specialist
Proposal Management Section

ADDENDUM NO. 02

1225-10-73

November 7, 2024

Special Provisions

19. Rest Area 51 Building, General Construction, Item SPV.0060.01; Rest Area 52 Building, General Construction, Item SPV.0060.02; Rest Area 51 Building, Plumbing, Item SPV.0060.03; Rest Area 52 Building, Plumbing, Item SPV.0060.04; Rest Area 51 Building, Heating and Ventilation, Item SPV.0060.05; Rest Area 52 Building, Heating and Ventilation, Item SPV.0060.06; Rest Area 51 Building, Electrical, Item SPV.0060.07; Rest Area 52 Building, Electrical, Item SPV.0060.08; Rest Area 51 Maintenance Building, Item SPV.0060.09; Rest Area 52 Maintenance Building, Item SPV.0060.10

Add the following section:

SECTION 09 68 13
TILE CARPETING

PART 1 - GENERAL

1.1 SUMMARY

A. Furnish labor, materials, tools, equipment, and services for Carpet Tile in accordance with provisions of the Contract Documents.

B. Completely coordinate with work of other trades.

1.2 REFERENCES

A. American Society of Testing and Materials (ASTM):
1. ASTM D1335 Standard Test Method for Tuft Bind of Pile Yarn Floor Coverings.
2. ASTM D3936 Standard Test Method for Resistance to Delamination of the Secondary Backing of Pile Yarn Floor Covering.
3. ASTM D5116 Standard Guide for Small-Scale Environmental Chamber Determinations of Organic Emissions from Indoor Materials/Products.
4. ASTM D5417 Standard Practice for Operation of the Vettermann Drum Tester.
5. ASTM E648 Standard Test Method for Critical Radiant Flux of Floor-Covering Systems Using a Radiant Heat Energy Source.
6. ASTM E662 Standard Test Method for Specific Optical Density of Smoke Generated by Solid Materials.

B. National Fire Protection Association (NFPA):
1. NFPA 253 Standard Method of Test for Critical Radiant Flux of Floor Covering Systems Using a Radiant Heat Energy Source
2. NFPA 258 Recommended Practice for Determining Smoke Generation of Solid Materials.

C. American National Standards Institute (ANSI):
1. ISO 14040 Environmental Management - Life Cycle Assessment - Principles And Framework.
2. ISO 14044 Environmental Management - Life Cycle Assessment - Requirements And Guidelines.

D. Carpet and Rug Institute (CRI):
1. CRI TM101 Assessment of Carpet Surface Appearance Change.
2. CRI TM102 Fluorochemical Finishes.
3. CRI-104 Standard for Installation of Commercial Carpet.
4. CRI Green Label program.
5. CRI Green Label Plus program.

E. Consumer Product Safety Commission (CPSC):
1. 16 CFR Part 1630 - Standard for the Surface Flammability of Carpets and Rugs (FF-1-70).

F. American Association of Textile Chemists and Colorists (AATCC):
1. AATCC TM16.3 Colorfastness to Light: Xenon-Arc.
2. AATCC TM20 Fiber Analysis – Qualitative.
3. AATCC TM129 Colorfastness to Light: Xenon-Arc.
4. AATCC TM134 Electrostatic Propensity of Carpets.
5. AATCC TM164 Colorfastness to Oxides of Nitrogen in the Atmosphere Under High Humidities.
6. AATCC TM171 Carpets: Cleaning of, Hot Water Extraction.
7. AATCC TM189 Fluorine Content of Carpet Fibers.

1.3 SUBMITTALS
A. Product Data:
1. For each type of material and accessory.
B. Samples:
1. Three samples 12 inches 300 mm square of each material and color specified in Drawing Finish Schedule.
C. Contract Closeout Information:
1. Maintenance data:
a. See Section 01 78 23.

1.4 QUALITY ASSURANCE
A. Manufacturer Qualifications:
1. Carpet manufacturer shall have no less than ten years of production experience with carpet similar to type specified in this document; and whose published product literature clearly indicates compliance of products with requirements of this section.
B. Contractor Qualifications:
1. Firm with not less than five years of successful carpeting experience similar to work of this section and recommended and approved by the carpet manufacturer. Upon request, submit letter from carpet manufacturer stating certification qualifications and acceptance.
C. Installer Qualifications:
1. Mill-trained skilled mechanics supervised by experienced superintendent with 50,000 yards experience.
D. Single Source Responsibility:
1. Provide product material by a single manufacturer for each carpet type specified.
E. Fire and Smoke Compliance:
1. Comply with 16 CFR Part 1630 - Standard for the Surface Flammability of Carpets and Rugs (FF-1-70)
2. Critical Radiant Flux, per ASTM E648 and NFPA 253:
a. Class I, not less than 0.45 W/cm2.
3. Smoke Developed:
a. 450 or less per ASTM E662 / NFPA 258.

PART 2 - PRODUCTS

2.1 MANUFACTURERS
A. Carpet Tile:
1. Base:
a. As specified in Drawing Finish Schedule.
B. Carpet Edging Strips:
1. Base:
a. BurkeMercer.
C. Other manufacturers desiring approval comply with Section 01 61 00.

2.2 MATERIALS
A. Carpet Tile:
1. First quality, no seconds or imperfects.
2. Deliver with mill register numbers attached.
3. Comply with applicable state and local codes.
B. Carpet Edging Strips:
1. Base Product: Carpet to Resilient Transition 170 by BurkeMercer.

2. Thickness to match carpet.
3. Color as selected by Architect.

C. Leveling Compound:
1. Non-crumbling, non-staining, cementitious type.
2. Install in thickness from 1/8 inch to 1-1/2 inches.
3. Compressive strength 5,000 pounds at 28 days.
4. Prepare surface with manufacturer recommended primer.
5. K 15 by Ardex or Ultraplan 1 Plus by Mapei.

D. Patching Compound:
1. Fill cracks, joints, holes, or uneven areas with polymer modified cement-based compound.
2. Install from featheredge to 1 inch thick.
3. Feather Finish by Ardex or Planiprep SC by Mapei.

E. Adhesive:
1. Non-staining, non-bleeding, strippable type.
2. As recommended by carpet manufacturer with VOC content no greater than 50 g/L.
3. Allow removal of carpet without damage or adherence to carpet.

F. Carpet Types:
1. See material and color specified in Interior Finish Schedule.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Verify concrete floor surfaces are suitable for Carpet Tile installation.

3.2 PREPARATION

A. Clean areas to receive carpet tile.
1. Strip waxes and finishes.
2. Vacuum and wet mop.

B. Layout:
1. Arrange joints symmetrically at centerline of rooms.
2. Lay and match adjacent tiles for pile and pattern directions.

3.3 INSTALLATION

A. Install carpet patterns in accordance with layouts indicated in Drawings.
1. Develop templates as required.

B. Comply with manufacturer's instructions and recommendations for seam locations and lay of carpet pile.
1. Do not mix dye lots in same area.
2. Install carpet under open bottom items, removable flanges, furnishings, alcoves, and closets.
3. Install tight against walls, columns, cabinets, and over recessed door closers.
4. Butt edges tight without distortion.
5. Where carpet tiles abut deeper finish flooring materials, feather leveling compound for approximately 12 inches 25 mm for each 1/8 inches 3 mm of rise so finished surfaces align.
6. Fill or level floors at uneven areas with leveling compound and feather minimum 4 feet 1.2 m.
7. Expansion joints:
a. Do not bridge building expansion joints with continuous carpeting.
b. Provide for movement.

C. Install carpet edging strips, transition strips and reducer strips at non-carpeted floor surface.
1. Conceal cut edges with protective edge guards or overlapping flanges.
2. Score and trim narrow end of reducer strip to conform to adjacent floor finish.

3.4 CLEAN

A. Remove spots and adhesive from face or seams in accordance with manufacturer recommendations.

B. Vacuum using pile lifter.

C. Advise Owner regarding care and maintenance.

END OF SECTION

27. Underground Copper Water Line, 3-Inch, Item SPV.0090.01; Underground Copper Water Line, 1-Inch, Item SPV.0090.02.

Replace paragraph two under section titled **C Construction** *with the following:*

Backfill the copper waterline according to standard spec 608.3.5 except as hereinafter modified. Lay the waterline in a 12-inch envelope of sand backfill, backfill the remainder of the trench with the native excavated material.

28. Sanitary Sewer PVC, 6-Inch, Item SPV.0090.03; Sanitary Sewer PVC, 8-Inch, Item SPV.0090.04.

Add the following to section titled **B Materials***:*

B.4 Trench Backfill

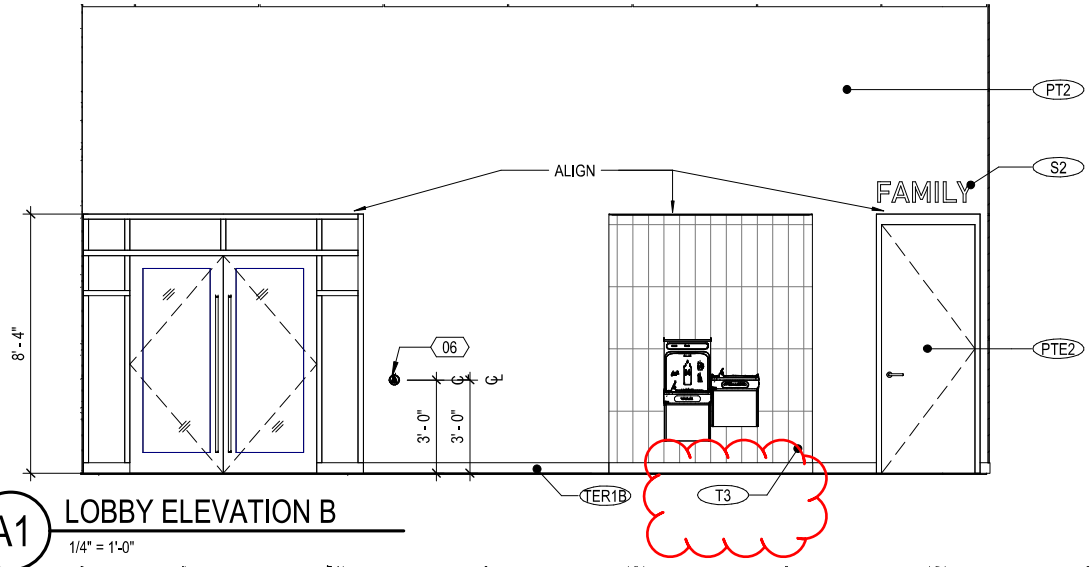
Furnish trench backfill material conforming to 209.2 or 520.2.5.2.

In C Construction delete “Prior to backfilling, test each section of sewer according to standard spec 607.3.5 and compact to the density of the surrounding undisturbed soils.” Replace with: “Backfill trenches according to standard spec 608.3.5.”

Plan Sheets

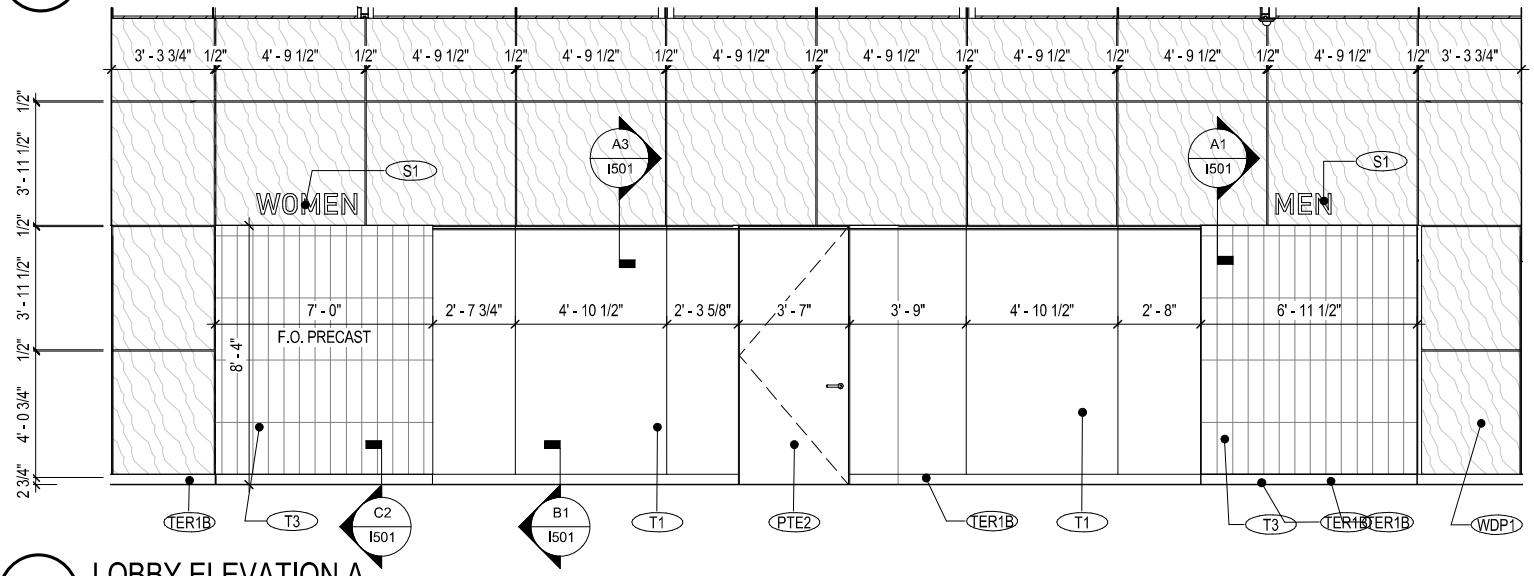
The following 8½ x 11-inch sheets are attached and made part of the plans for this proposal:
Revised: 58, 61, 100, 109, 134

END OF ADDENDUM



A1 LOBBY ELEVATION B

1/4" = 1'-0"



B1 LOBBY ELEVATION A

1/4" = 1'-0"

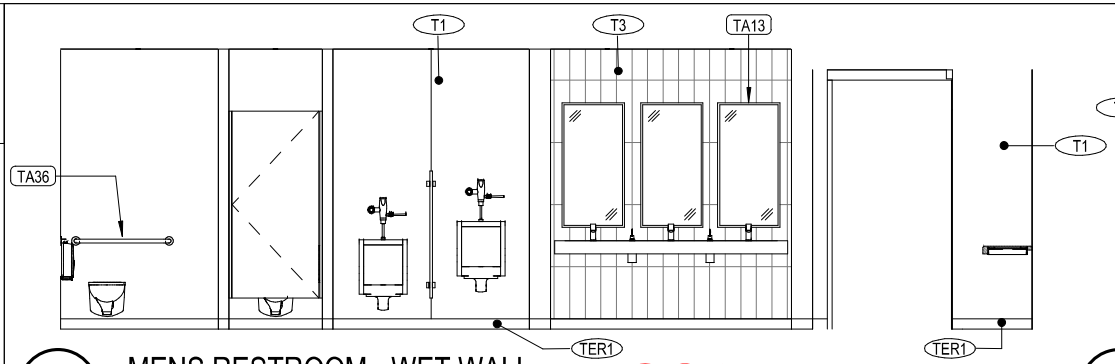
SHEET KEYNOTES

06	AUTOMATIC DOOR OPERATOR BUTTON
PT2	PAINT 2
PTE2	EPOXY PAINT 2
S1	DIMENSIONAL LETTERING, OPAQUE WHITE
S2	DIMENSIONAL LETTERING, OPAQUE BLACK
T1	FILED TILE - WHITE
T3	ACCENT TILE
TER1B	
WDP1	WOOD WALL PANEL

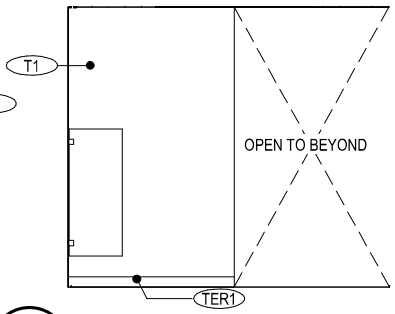
GENERAL NOTES

1. SEE SHEET A001 FOR SYMBOLS AND TAGS.
2. SEE SHEETS I001 AND I002 FOR DESCRIPTIONS OF INTERIOR FINISHES.
3. SEE I501 FOR DETAILS OF TRANSITIONS BETWEEN INTERIOR MATERIALS.

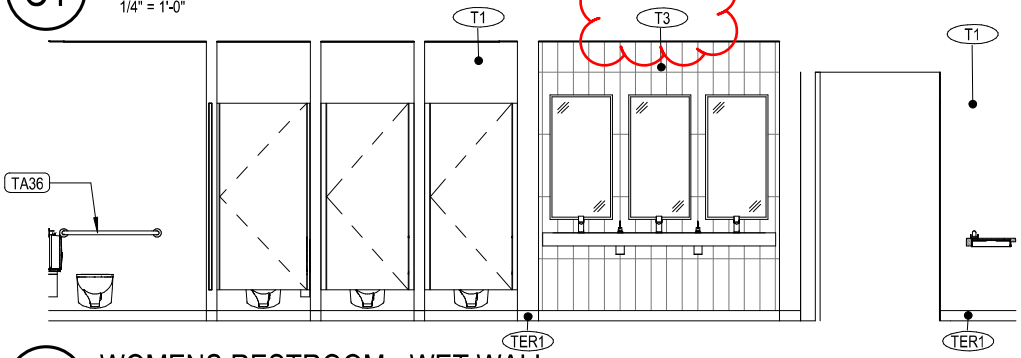
Addendum No. 02
ID 1225-10-73
Revised Sheet 58
November 7, 2024



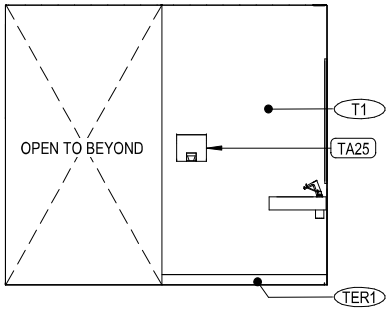
C1 MENS RESTROOM - WET WALL
1/4" = 1'-0"



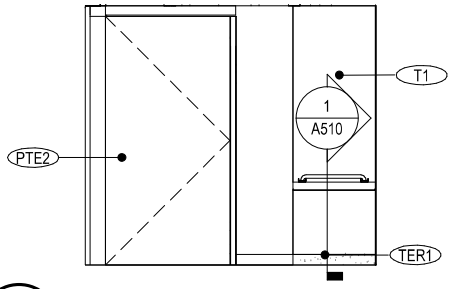
C2 MENS URINAL STALL - SIDE
1/4" = 1'-0"



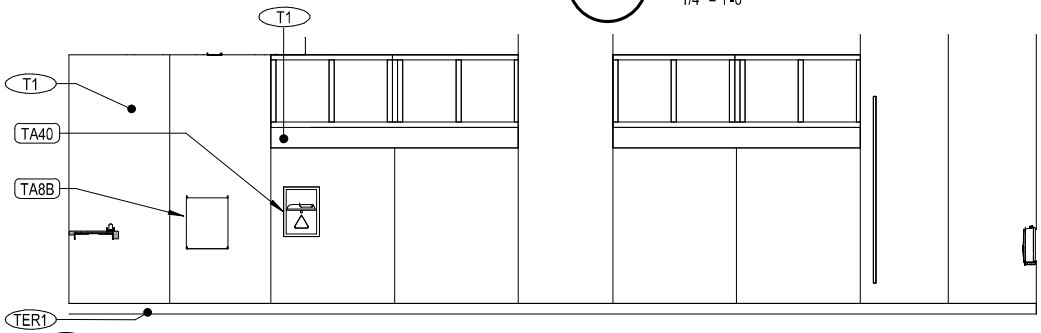
B1 WOMENS RESTROOM - WET WALL
1/4" = 1'-0"



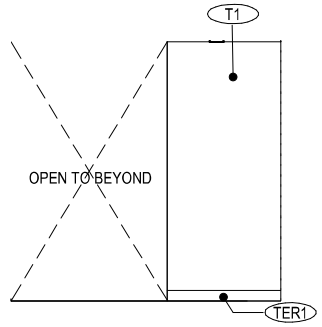
B2 WET WALL - SIDE
1/4" = 1'-0"



A1 CHANGING TABLE WALL
1/4" = 1'-0"



A2 RESTROOM - BACKWALL
1/4" = 1'-0"



A3 SIDE WALL
1/4" = 1'-0"

SHEET KEYNOTES

PTE2	EPOXY PAINT 2
T1	FILED TILE - WHITE
T3	ACCENT TILE
TER1	TERRAZZO 1, POURED IN PLACE

GENERAL NOTES

1. SEE SHEET A001 FOR SYMBOLS AND TAGS.
2. SEE SHEETS I001 AND I002 FOR DESCRIPTIONS OF INTERIOR FINISHES.
3. SEE I501 FOR DETAILS OF TRANSITIONS BETWEEN INTERIOR MATERIALS.

Addendum No. 02
ID 1225-10-73
Revised Sheet 61
November 7, 2024

PROJECT NO: 1225-10-73	HWY: IH 43	COUNTY: MANITOWOC	INTERIOR ELEVATIONS	SHEET A25~61	E

FILE NAME : WISDOT TITLEBLOCK.RFA PLOT DATE : 8/1/2024 2:16:22 AM PLOT BY : HDR Inc. PLOT NAME : PLOT SCALE : As indicated

INTERIOR FINISH SCHEDULE

Code	Manufacturer	Series/ Style	Color	Size	Comments
T1	LAMINAM	LARGE FORMAT PORCELAIN TILE, CALCE COLLECTION	BIANCO	63.7" x 127.5" (3MM THICK)	PROVIDE SHOP DRAWINGS OF PANEL LAYOUTS; EPOXY GROUT: MAPEI, 14 BISCUIT
T2	LAMINAM	LARGE FORMAT PORCELAIN TILE, CALCE COLLECTION	TERRACOTTA	63.7" x 127.5" (3MM THICK)	PROVIDE SHOP DRAWINGS OF PANEL LAYOUTS; EPOXY GROUT: MAPEI, 107 IRON
T3	CROSSVILLE	COLOR BLOX 2.0	BLUE SUEDE SHOES	6" X 24"	ACCENT WALL TILE, EPOXY GROUT: MAPEI, 19 PEARL GRAY
TT1	SCHLUTER	COVE-SHAPED PROFILE, DILEX	STAINLESS STEEL	AS NEEDED PER DRAWINGS	–
TT2	SCHLUTER	FINEC TILE TRIM	STAINLESS STEEL	–	ALL EXPOSED TILE EDGES AND OUTSIDE CORNERS
ACT1	ARMSTRONG	#3257 OPTIMA, TEGULAR EDGE, 9/16" GRID	WHITE	24" X 48" X 3/4" THICK	–
RB1	MANNINGTON	BURKE COLLECTION, RUBBER WALL BASE	MOONBEAM 050	4"H ROLL GOODS	STRAIGHT AT CARPET, COVED AT SEALED CONCRETE
TER1 B1	TERRAZZO & MARBLE SUPPLY COMPANIES	APPLIED TERRAZZO WALL BASE	MATCH TER1	4"H	–
TER1 B2	TERRAZZO & MARBLE SUPPLY COMPANIES	INTEGRAL TERRAZZO WALL BASE	MATCH TER1	4"H	–
TER1	TERRAZZO & MARBLE SUPPLY COMPANIES	THIN-SET POURED EPOXY TERRAZZO, TERROXY	TM#23-2537	–	–
TER2	TERRAZZO & MARBLE SUPPLY COMPANIES	THIN-SET POURED EPOXY TERRAZZO, TERROXY	TM- #23-2225	–	ACCENT TERRAZZO
CFS1	SEE SPECIFICATION	–	–	–	–
CPT1	J+J FLOORING	KINETEX STRATA 1826	1848 FELDSPAR	18" X 36"	PATTERN: ASHLAR
WDC1	PARKLEX PRODEMA	INTERIOR PANELING, CEILINGS WITH OPTION A PERFORATION PATTERN	AMERICAN WALNUT	48" X 96" (12MM THICK)	LOBBY, MENS, AND WOMENS CEILING PANELS
WDP1	PARKLEX PRODEMA	INTERIOR PANELING, WALLS	AMERICAN WALNUT	24" X 96" (12MM THICK)	
PT1	SHERWIN WILLIAMS	LATEX, FLAT	SW7007 CEILING BRIGHT WHITE	–	ALL GYP CEILINGS, U.N.O.
PT2	SHERWIN WILLIAMS	LATEX, EGGSHELL	SW9166 DRIFT OF MIST	–	GYP WALLS IN OFFICES AND BREAKROOM
PTE1	SHERWIN WILLIAMS	EPOXY PAINT, SEMI-GLOSS	SW9166 DRIFT OF MIST	–	WALLS

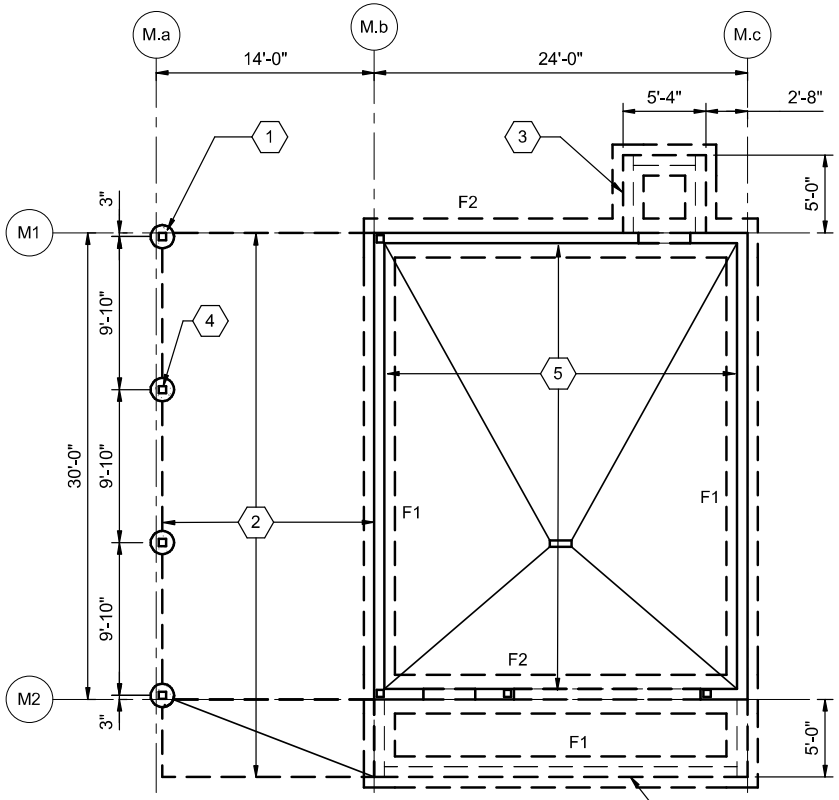
Addendum No. 02
ID 1225-10-73
Revised Sheet 100
November 7, 2024

GENERAL NOTES:

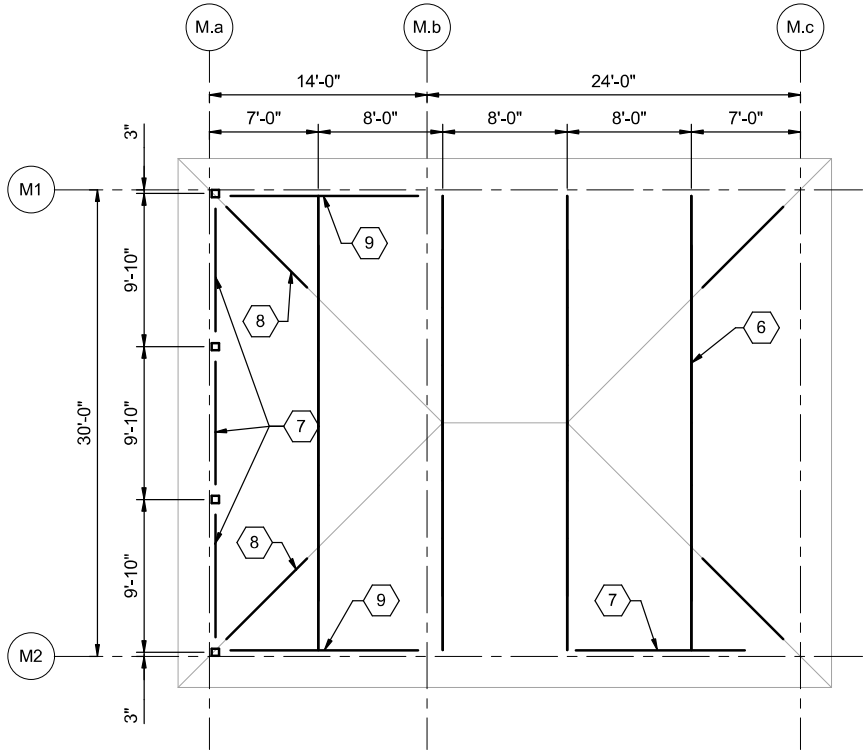
1. SEE SHEET S001 FOR STRUCTURAL NOTES.
2. SEE SHEET S501 & S502 FOR STANDARD DETAILS.
3. MARK "F-X" INDICATES FOOTING TYPE. SEE FOOTING SCHEDULE
   A. PROVIDE DETAILS B1/S301.
4. TOP OF ALL FOOTINGS IS EL -4'-0", UNO.
5. CENTER FOOTINGS ON ALL WALLS, UNO.
6. WALLS ARE WOOD-FRAMED CONVENTIONAL CONSTRUCTION; 2 X 6 @ 16" W/ SILL (5/8" DIA X 6" LONG J-TYPE @ 4'-0") AND DOUBLE TOP PLATE, AND DOUBLE 2 X 10 LINTELS W/ (2) JACK-STUDS.
7. PLACE 3/8" THICK EXPANSION MATERIAL BETWEEN ALL WALLS AND SLABS. CAULK TOP OF JOINT.
8. PROVIDE FLOOR SLOPING AS SHOWN ON ARCHITECTURAL.
9. ROOF SYSTEM IS STRUCTURAL INSULATED PANEL (SIP), PROPRIETARY.

PLAN KEYNOTES

1. 1'-4" DIA X 6'-0" (4" PROJ) CONCRETE PIER W/ (6) #7 VERT & #4 TIES @ 12", 3 @ 3" TOP, 4 LOCATIONS.
2. PROVIDE 4" THICK CONCRETE SLAB WITH #4 @ 18" EACH WAY. PROVIDE 1 ½" DEEP SAWED CONTROL JOINTS AT 10'-0" O.C. MAXIMUM EACH WAY WITHIN 12 HOURS OF FINISHING CONCRETE. WET CURE SLAB FOR 7 DAYS AFTER PLACEMENT.
3. PROVIDE SIM TO DETAIL A1/S303.
4. WOOD COLUMN 6 X 6 TYPICAL 4 LOCATIONS. CONNECT W/ SIMPSON ABU66Z OR EQUAL.
5. PROVIDE 6" CONCRETE SLAB W/ #5 @ 12" EA WAY, CTR'D.
6. (2) PLY WOOD TRUSS W/ STD HEEL HEIGHT.
7. LVL 3-1/2" X 9-1/4", SINGLE BEVEL.
8. LVL 3-1/2" X 9-1/4", DOUBLE BEVEL, TYP 4 LOCATIONS.
9. LVL 3-1/2" X 14" SINGLE BEVEL, TYP 2 LOCATIONS. DOUBLE JACK-STUD BEARING.



A1 FOUNDATION PLAN
1/8" = 1'-0"



A2 ROOF FRAMING PLAN
1/8" = 1'-0"

Addendum No. 02
ID 1225-10-73
Revised Sheet 109
November 7, 2024

PROJECT NO: 1225-10-73	HWY: IH 43	COUNTY: MANITOWOC	MAINTENANCE BUILDING	SHEET S20[illegible] 109	E

FILE NAME : WISDOT TITLEBLOCK.RFA PLOT DATE : 8/1/2024 12:52:27 AM PLOT BY : PLOT NAME : PLOT SCALE : As indicated

HVAC EQUIPMENT

ENERGY RECOVERY UNITS

- THE ENERGY RECOVERY UNIT SHALL BE ENERGIZED WHENEVER THE BUILDING IS OCCUPIED.
- THE ENERGY RECOVERY UNITS SHALL BE CONTROLLED BY THE BMS SYSTEM FOR OCCUPIED AND UNOCCUPIED MODE.
- OCCUPIED MODE: THE OUTDOOR AIR MOTORIZED DAMPERS SHALL BE OPEN DURING OCCUPIED MODE. THE ENERGY RECOVERY VENTILATOR SUPPLY AND EXHAUST FANS SHALL RUN CONTINUOUSLY DURING OCCUPIED MODE.
- UNOCCUPIED MODE: THE OUTDOOR AIR MOTORIZED DAMPERS SHALL BE CLOSED DURING UNOCCUPIED MODE. THE ENERGY RECOVERY VENTILATOR SUPPLY AND EXHAUST FAN SHALL BE OFF DURING UNOCCUPIED MODE.

GROUND SOURCE HEAT PUMPS

- HEAT PUMP UNIT SHALL BE CONTROLLED BY A MICROPROCESSOR BASED CONTROLLER. THE HEAT PUMP FAN SHALL RUN CONTINUOUSLY DURING OCCUPIED HOURS. THE HEAT PUMP FAN SHALL CYCLE DURING UNOCCUPIED HOURS.
- COOLING: ON A CALL FOR COOLING THE HEAT PUMP SHALL OPERATE TO MAINTAIN SPACE TEMPERATURE OF 75°F (ADJUSTABLE).
- HEATING: ON A CALL FOR HEATING THE HEAT PUMP SHALL OPERATE TO MAINTAIN SPACE TEMPERATURE SETPOINT OF 70°F (ADJUSTABLE).
- DEHUMIDIFICATION: ON A CALL FOR DEHUMIDIFICATION THE HEAT PUMP SHALL OPERATE IN DEHUMIDIFICATION MODE TO MAINTAIN SPACE HUMIDITY SETPOINT OF 50% (ADJUSTABLE).

GEOTHERMAL WELLFIELD PUMPS

- PUMPS SHALL OPERATE IN A LEAD/LAG CONFIGURATION. ON A CALL FOR HEATING OR COOLING FROM ANY HEAT PUMP, THE LEAD PUMP SHALL ENERGIZE AND OPERATE AT A CONSTANT SPEED. IF THE LEAD PUMP DOES NOT ENERGIZE, THE LAG PUMP SHALL START AND OPERATE. THE LEAD/LAG PUMPS SHALL SWITCH ON A WEEKLY BASIS.

IN FLOOR RADIANT HEAT PUMP AND RECIRCULATION PUMPS

- HEATING: ON A CALL FOR HEATING THE HEAT PUMP SHALL OPERATE TO MAINTAIN A SUPPLY WATER TEMPERATURE OF 92°F. AT EACH ZONE, THE THREE-WAY VALVE SHALL MODULATE TO MAINTAIN A SPACE TEMPERATURE SETPOINT OF 70°F (ADJUSTABLE). ON A CALL FOR HEATING, THE PRIMARY AND SECONDARY RECIRCULATION PUMPS SHALL ENERGIZE AND OPERATE AT CONSTANT SPEED.
- SPACE SLAB TEMPERATURE SENSOR: THE FLOOR SLAB SHALL NEVER EXCEED 87°F. IF THE SLAB TEMPERATURE EXCEEDS 87°, THE THREE-WAY VALVE SHALL MODULATE TO LOWER THE SUPPLY WATER TEMPERATURE IN THAT ZONE.

AIR SEPARATOR SCHEDULE

MARK	LOCATION	SYSTEM SERVED	SYSTEM FLOW GPM	NOMINAL SYSTEM PIPE SIZE IN.	PRESSURE DROP FT.	MAX WORKING PRESSURE (PSIG)	BASIS OF DESIGN	NOTE
AS-01	MECH RM	RADIANT FLOORING	150	2	1.5	150	GRUNDFOS GBSR-020	1, 2
AS-02	MECH RM	GEOTHERMAL WELL LOOP	150	2	2.5	150	GRUNDFOS GBSR-020	1, 2

NOTES:

1. PROVIDE WITH AUTOMATIC AIR VENT.
2. PROVIDE A REMOVEABLE HEAD FOR CLEANING.

CHEMICAL AND GLYCOL FEEDER SCHEDULE

MARK	CAPACITY TANK GALLONS	SERVES	PUMP				CONTROL PANEL			BASIS OF DESIGN	NOTE
			GPM	PSI	HP	VOLTS/PH	NEMA	LOW LEVEL SWITCH	AMPS		
GF-01	5	RADIANT FLOORING	-	-	-	-	-	-	-	GTP DB5/QC	3
GF-02	15	GEOTHERMAL WELL LOOP	1.3	100	1/3	120/1	4	YES	5.0	GTP GP15-E4-1/AL-D...	1, 2

NOTES:

1. PRESSURE RANGE SETTINGS: 10-45 PSI CUT-IN, 20-50 PSI CUT-OUT, 10-30 PSI PRESSURE DIFFERENTIAL.
2. 8 FT 16 GA 115VAC POWER CORD ELECTRICAL CONNECTION, LOW LEVEL SWITCH, SUCTION STRAINER, DRAIN VALVE, CHECK VALVE, PRESSURE SWITCH, GAUGE, RELIEF VALVE AND ISOLATION VALVE.
3. PROVIDE FLOOR MOUNTING SUPPORT LEGS.

Addendum No. 02
ID 1225-10-73
Revised Sheet 134
November 7, 2024