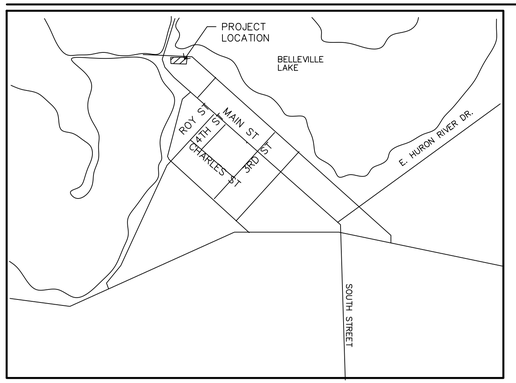
SUITE BUILD OUT FOR THE
GLORIA JEAN CAFE
519,529 LIBERTY ST, BELLEVILLE, MI 48111

GLORIA JEAN CAFE
519, 529 N LIBERTY ST, BELLEVILLE, MI 48111

LOCATION MAP



PROJECT NORTH

ZONING ANALYSIS

CURRENT ZONING:	B-2 CENTRAL BUSINESS
ADJACENT ZONING TO THE NORTH:	PUD
ADJACENT ZONING TO THE EAST:	RM MULTI FAMILY
ADJACENT ZONING TO THE SOUTH:	B-2 CENTRAL BUSINESS
ADJACENT ZONING TO THE WEST:	B-2 CENTRAL BUSINESS
	NA

EXISTING AREA OF BUILDING (GFA)
=3032 SF SUITE AREA

STATEMENTS

MAINTENANCE AND HAZARDOUS MATERIALS
NO HAZARDOUS OR TOXIC MATERIALS ARE TO BE STORED ON THIS SITE. ALL SPECIAL USE SUBSTANCES, (SOAPS, SOLVENTS, LUBRICANTS) WILL BE DISPOSED OF IN ACCORDANCE WITH PERTINENT ORDINANCES.

DIRECTORY

ARCHITECT
HOPPE DESIGN
47032 McBRIDE
BELLEVILLE, MI 48111
734-218-2492

APPLICANT AND OWNER
SCOTT JONES
734-397-7414

LOCAL PLANNING AND ZONING
CITY OF BELLEVILLE

DRAWING INDEX

DIVISION 1: GENERAL CONDITIONS
Contractor Use of Site
Limit use of the premises to work in areas indicated. Confine operations to areas within contract limits indicated. Do not disturb portions of the site beyond the areas in which the work is indicated.

Occupancy Requirements
Obtain a Certificate of Occupancy from the local building officials prior to owner occupancy. Upon occupancy, the Owner will assume responsibility for maintenance, security and custodial service.

Owner Furnished Products
The contractor shall be responsible for receiving, storing, installing and providing all necessary coordination for a complete system and installation including all necessary electrical and plumbing services and all required framing and finishing.

Permits and Fees
The General Contractor will obtain and pay for the general building permit. All other permits and fees will be obtained and paid by the individual contractors requiring same. Contractor to schedule and coordinate with all public utilities. There shall be no reimbursable charges for utility hook up services. The contractor is responsible for calling for appropriate inspections from governing authorities.

Existing Conditions and Inspection of the Site
Before submitting his proposal, the bidder shall visit and inspect the site, examine its conditions including adjacent properties and thoroughly acquaint himself with its obstacles and advantages for performing the work. He shall also study the drawings explanatory of his contract and compare the same with the information gathered by the examination of the site, as no extra charge will be allowed him for extra work caused by his unfamiliarity with the site and the drawings.

Shop Drawings and Samples
The contractor is responsible for confirmation of all dimensions and coordination of the work with all trades. Submit shop drawings to the architect for review of the following systems: mechanical, electrical, hardware, millwork, plumbing, windows, entry doors and frames, and site utilities.

Safety Standards and Protection
Maintenance of safety standards shall be a special responsibility of the general contractor. It shall be the contractor's responsibility to assure that all work shall comply with current safety standards and regulations of the State of Michigan. Contractors shall be responsible to maintain all railings, fences and barriers necessary for the protection of the public and workers and provide fire extinguishers as required by state and local code requirements during construction. Contractors shall protect all work and adjacent property from damage from the weather and construction process. All damage incurred shall be repaired promptly at the cost of the contractor. The general contractor shall obtain permission from the proper authorities for construction of barricades, bulkheads, etc. on public property and construct it as required by municipal regulations. The contractor shall be responsible to maintain temporary barricades along the right-of-way area and adjacent site and at all open excavations. It shall be the responsibility of the general contractor to provide, erect, maintain, and remove all scaffolding, staging, platforms, temporary runways, temporary flooring, guards, railings, fences, warning signs, lights, stairs, ladders, etc. as required by local and state codes of law for the protection of workmen and the public. The construction, inspection and maintenance of the above items shall comply with all safety codes and regulation as applicable to the project. It will be the responsibility of the general contractor to communicate with the adjacent property owner before beginning any work affecting his property.

Warranty and Building Manual
The contractor shall submit to the owner all guarantees, bonds, instructions, warranties and operation instructions, bound in a building manual. All warranties are to commence on the date of substantial completion. The manual shall include: Certificate of Substantial Completion; guarantees for Architectural, mechanical, electrical and roofing work; all applicable installation, operation and maintenance instructions; mechanical system control diagrams; inspection certificates; and a list of names and addresses of all subcontractors and suppliers. In addition, the contractor shall provide owner a written guarantee against defective materials or workmanship for a period of one year from the date of substantial completion.

Insurance
A certificate of Insurance shall be filed with the owner prior to commencement of work and shall include the following coverage or coverage amounts as approved by the owner.
Worker's Compensation: Provide amounts compliant with state statutory requirements.
Public Liability and Contingent Public Liability: $1,000,000 each occurrence, $2,000,000 aggregate.
Direct and Contingent Property Damage Insurance: $1,000,000 each occurrence, $2,000,000 aggregate.
Builder's Risk Insurance.
To cover loss due to fire, theft or malicious destruction in amount equal to the cost of replacement, the owner shall carry Builder's Risk insurance for the duration of the project up to the date of owner occupancy as established by the certificate issued by the Architect. The owner shall purchase liability insurance and property insurance not to duplicate the above coverage. The contactor shall verify and confirm in writing with the owner all of the above amounts.

Damage to Structure
Until this contract is complete and the building accepted by the owner, the contractor shall be solely responsible for and shall repair, replace or make good all loss, injury or damage to the owner's property and or adjoining property caused by or arising out of the prosecution of the work from any claim, action or cause of action.

Special conditions
Substitutions
Appropriate substitutions shall be submitted to the Architect for review. Approval of substitutions will be granted on the basis of performance, cost, appearance, and timely installation. Acceptance will not be guaranteed of substitutions not submitted and approved prior to award of contract.

Dimensions
All contractors shall verify dimensions in the field. The general contractor, all subcontractors, and all suppliers involved with the project shall verify the dimensions on the drawings to the site required on the project. Report to the Architect at once any discrepancies from those shown on the drawings, etc., to those actually at the site. The drawings are not intended to be scaled for rough or finish measurements nor to serve as field shop drawings.

Temporary Construction Facilities and Utilities
Comply with industry standards and applicable laws and regulations of authorities having jurisdiction for installation and use of temporary facilities and services. Keep temporary services and facilities clean and neat in appearance. Do not overload facilities or permit them to interfere with progress. Take necessary fire prevention measures. Do not overload facilities or permit dangerous or unsanitary conditions or public nuisances to develop or persist on site. Provide new materials and equipment for temporary services and facilities. Provide materials and equipment suitable for use intended.

Electrical Outlets: Provide properly configured, NEMA-polarized outlets to prevent insertion of 110 to 120 volt plugs into higher voltage outlets. Provide receptacle outlets equipped with ground fault circuit interrupters, reset button, and pilot light for connection of power tools and equipment.

Electrical Power Cords: Provide grounded extension cords. Use hard service cords where exposed to abrasion and traffic. Provide waterproof connectors to connect separate lengths of separate cords if single lengths will not reach areas where construction activities are in progress. Do not exceed safe length to voltage ratio.

Lamps and Light Fixtures: Provide general service incandescent lamps of wattage required for adequate illumination. Provide guard cages or tempered glass enclosures where exposed to breakage. Provide exterior fixtures where exposed to moisture. Provide temporary lighting with local switching.

Heating Units: Provide temporary heating units that have been tested and labeled by UL, FM, or another recognized trade association related to the type of fuel being consumed. Select safe equipment that will not have a harmful effect on completed installations or elements being installed. Coordinate ventilation requirements to procure the ambient condition required and minimize consumption of energy. Use of gasoline space heaters, open flame, or salamander heating units is prohibited.

Fire Extinguishers: Provide hand carried, portable, UL rated, Class ABC dry chemical fire extinguishers for temporary spaces. Comply with NFPA 10 and NFPA 241 for classification, extinguishing agent, and size required by location and class of fire exposure.

Temporary Lighting: Provide temporary lighting with local switching.

Temporary Heat: Provide temporary heat required by construction activities for curing or drying of completed installations or for protection of installed construction from adverse effects of low temperatures or high humidity. Select safe equipment that will not have a harmful effect on completed installations or on elements being installed. Coordinate ventilation equipment to produce the ambient condition required and minimize consumption of energy.

Heating Facilities: The use of gasoline burning space heaters, open flame, or salamander heating units is prohibited.

Temporary Telephones: Provide temporary telephone service throughout the construction period for all personnel engaged in construction activities.

Storage of Material
Storage of building materials for all trades on the site will be permitted in designated areas only.

Cleaning-Up
The general contractor shall be responsible at all times to keep the premises clean and free from accumulation of waste materials and rubbish caused by his employees or work. At the completion of the project, remove from and about the building all the rubbish, tools, scaffolding, and surplus materials; clean all stains, dirt etc., from glass and other finished work and leave the premises ready for use. All trades for each division of work shall conduct a general clean up and remove all debris daily from his operation. Contractor to provide all dust barriers and screens as required to prevent dust from traveling to occupied areas of the building. Drop cloths and vacuum cleaners shall be used as necessary equipment for keeping premises clean during and after business hours. At the completion of the job, leave the entire site clean and free of any deleterious materials of any kind.

DIVISON 2: DEMOTLITION
Demolition
Contractor to review all site and building drawings to determine the extent and items to be removed including utilities and services to be removed. All items not requested to be salvaged and turned over to the owner shall be removed from the site. Sawcut and remove all existing concrete and masonry as shown to perform the work. Legally dispose of off the site. Provide all shoring and underpinning to maintain the integrity of the existing and adjacent structures. The contractor shall use extreme care in removal work and shall at all times use precautions to guard against movement or settlement of adjacent buildings. Provide shoring, and take care to prevent any damage of materials of adjacent buildings. This contractor shall be liable for any such movement or settlement and any damage or injury caused thereby or resulting thereby.

DIVISION 3: CONCRETE
All concrete work shall comply with recommended ACI standards and applicable code requirements. All concrete placing and weather condition protection practices to comply with American Concrete Institute (ACI) standards and recommendations. No calcium chloride antifreeze admixtures shall be permitted. All other admixtures to be approved before use. Reinforced concrete footings will be installed for all bearing walls. Footings shall rest on undisturbed soil having a minimum bearing capacity of 3,000 psf. The owner shall be notified immediately if adverse soil conditions are encountered during excavation. Contractor shall provide all form work required footing and concrete work. Interior concrete finishes shall be smooth trowel finish. Exterior concrete shall be a broom finish. Provide control joints and expansion joints where shown on drawings. Strength of concrete side walks, curbs slabs sills, steps and miscellaneous concrete work, minimum 28 day strength of 3,000 psi. Footings, walls, foundations, structural framing, piers and columns to have a minimum 28 day strength of 3750 psi. Exposed concrete surfaces shall be protected from rapid drying from wind, rain and sun.

DIVISION 4: MASONRY
Provide all labor, materials and equipment to complete all masonry work as shown on drawings. Filling of cores, where shown, is not to exceed two-foot lifts and shall be rodded thoroughly. The masonry contractor shall be responsible for setting anchor bolts, masonry wall ties, hollow metal door frames, lintels, opening, bearing plates and all other built in work. Masonry flashing will be placed at all key points of openings, and continuously around perimeter of building at grade, with weep holes every 24 inches in full head joints. Provide all anchoring channels, anchor straps and rough hardware as required and as shown on drawings. Galvanized horizontal joint reinforcement shall be placed as shown on drawings in all concrete masonry. Wires shall be 9 gauge conforming to ASTM A-82. No chipped, stained, broken or wet units are to be incorporated in the work. All walls are to be left clean and free of mortar. All cut units are to be cut to a clean, true edge with a masonry saw. All masonry materials, stockpiles and top of unfinished walls to be covered and protected at the end of each workday. Contractor to provide all weather protection required per masonry institute recommendations. Contractor to provide all temporary bracing and shoring required.

DIVISION 5: METALS
Structural steel shall be detailed, fabricated and erected according to the "Specification for Design, Fabrication and Erection of Structural Steel for Building" by the American Institute of Steel Construction, latest edition. Provide all lintels, anchor bolts, bearing plates, steel pipe handrail and brackets, expansion bolts, etc. as shown on drawings and as required for a complete job. Provide all runners, bridging, bracing and fastening a shown and per manufacturers recommendations.

DIVISION 6: CARPENTRY
Lumber will be sound, thoroughly seasoned and free from warp. Horizontal blocking will be installed at 8 foot height in walls over 8 feet. Firestop concealed spaces where required by codes. Provide wood bucks throughout the construction where required to support or secure work of all trades. Provide all wood nailers, blocking, plywood, etc. interior and exterior where shown on drawings or otherwise required, Install wood blocking as required to support wall. Provide blocking in wall to support pre-manufactured wall cabinets and special counter work throughout the project. Provide ply clips at all open spans where required. Provide all rough hardware required for complete installation, including through bolts, plates, washers, nuts, joist hangers, etc., as noted on drawings or required. Provide and install interior wood trim, window stools, and miscellaneous shelves as shown on drawings. Install trim plumb and level with miter cut corners throughout. Staples are not permitted. Fill all nail holes in exposed work prior to finishing. All finishes to be as selected by owner. Handrails at stairs shall be hardwood for stain finishes and supported on brackets to withstand loads required by codes. General millwork shall be prefinished. Custom built counter tops shall be provided as part of kitchen cabinets. Verify all dimensions in the fields with the reviewed shop drawings before manufacturing or installing finish millwork.

DIVISION 9: FINISHES
Painting
Membrane flashing and other surface material as noted on finish schedule shall not be painted.

DIVISION 15: MECHANICAL
General
All mechanical and electrical work is to be performed in compliance to all state and local codes and regulations. Test all systems, submit all balancing reports, and make all necessary adjustments prior to occupancy. The mechanical and electrical contractors shall coordinate and cooperate with the local utility companies and shall be responsible for acquiring all necessary permits and connections. The minimum temperature at 24" above finished floor shall be 68 degrees Fahrenheit.

DIVISON 16: ELECTRICAL AND TELEPHONE
General
The contractor shall submit complete and detailed drawings indicating the proposed circuiting system, service distribution, control panels, meters, materials and procedures. Systems to be identifiable and accessible; requiring labeling, conduit and panel identification, full instrumentation, and access panel. The bid shall include an outline description of the proposed system. The electrical contractor shall consult the plans thoroughly to become familiar with the construction. The contractor shall visit the site and inventory the electrical items to be terminated, relocated, installed and the conditions that exist. The contractor shall connect all owner supplied equipment as shown on the drawings and per approved shop drawings. The electrical contractor is to provide all conduit, raceways, outlets, switches, boxes and disconnects required for new work. All electrical work shall conform to the National Electrical Code and to all other state and local ordinances. Grounding of equipment shall be according to NEC Article 250. Comply with required construction standards of the local utility company. Wire for general interior and exterior use, sizes No. 10AWG and smaller, single conductor, annealed copper, NEC type XHHW or THWN/THWN rated 75 degrees C, 600 volts. Cabinets shall be flush mounting type as indicated with minimum 20 inch box NEMA 1. Provide gutter space to accommodate size of cable used in accordance with NEC. Equip the panel with hinged door and flush type combination catch and lock. The electrical contractor shall provide and install all of the light fixtures shown on the lighting plan or as provided by the owner. Conform work to applicable electrical and barrier free codes.

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734-218-2492

REVISIONS

STATE OF MICHIGAN
WAYDE C. HOPPE
ARCHITECT
No. 1301036190
LICENSED ARCHITECT
WAYDE C. HOPPE

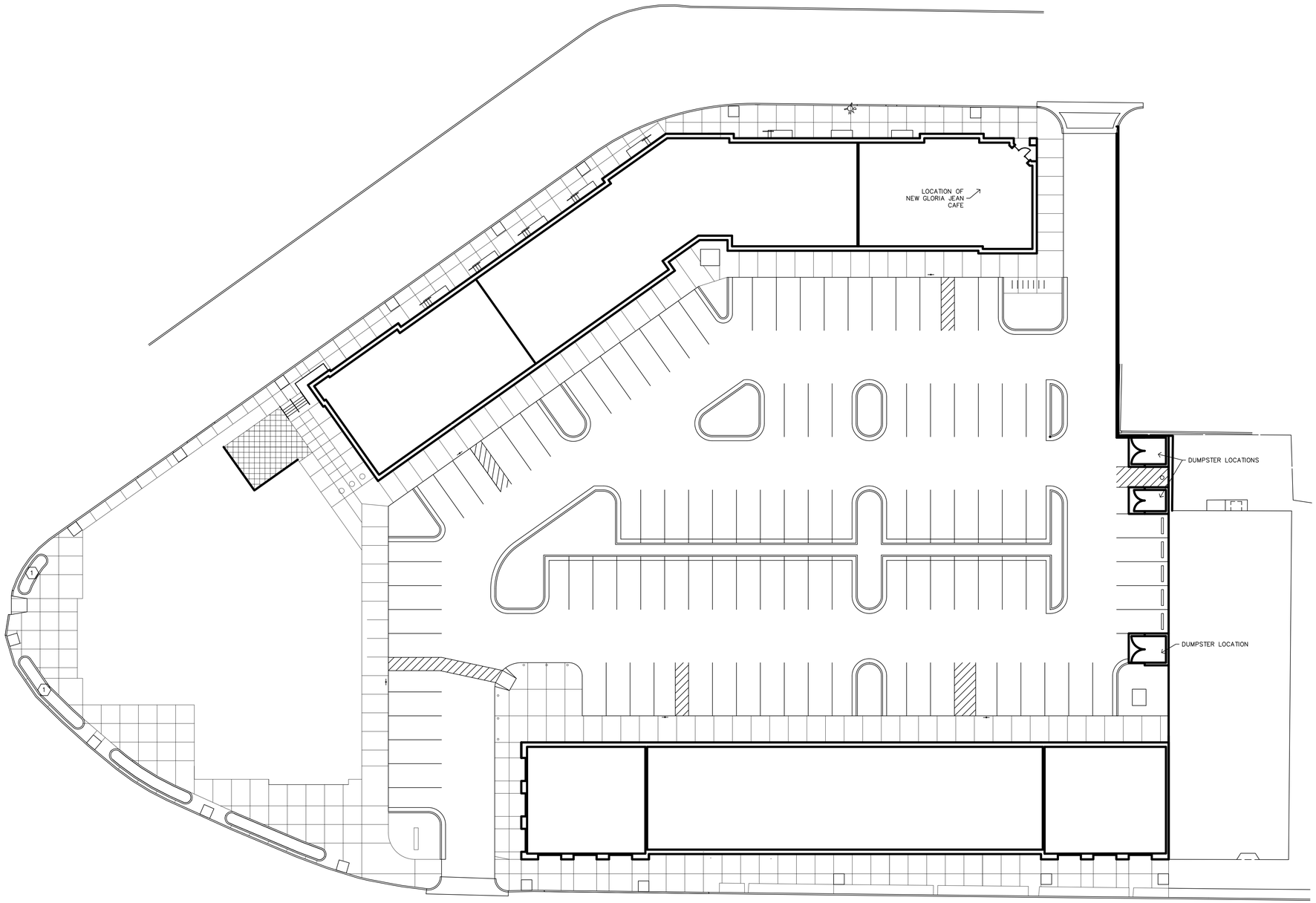
PROJECT: 2203
DATE: 4.30.22
DRAWN: WCH
CHECKED: WCH

TITLE SHEET

DT

GLORIA JEAN CAFE

519, 529 N LIBERTY ST, BELLEVILLE, MI 48111



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1 SP101 SITE PLAN
SCALE: 1" = 20'

PROJECT NORTH

VERIFY ALL DIMENSIONS IN FIELD

DIMENSIONAL SITE PLAN

SP101

UNIT	DESCRIPTION	MANUFACTURER	MODEL	STYLE	FINISH	COLOR	POWER	CONTACT	STANDARDS/ RESPONSIBILITY	COMMENTS
DIVISION 1										
	FORM OF AGREEMENT	AIAA101								
	GENERAL CONDITIONS	AIAA201								APPLIES TO ALL CONT. AND SUBS
	SUBSTITUTIONS									NONE ACCEPTED FOR PROPRIETARY SPECIFICATIONS
ALL ITEMS LISTED SHALL BE PROVIDED AND INSTALLED BY THE CONTR. FOR A COMPLETE SYSTEM UNLESS OTHERWISE NOTED. THE LISTED CONTACT IS A RECOMMENDED SUPPLIER ONLY.										
AN INCOMPLETE OR INCORRECT PROPRIETARY SPECIFICATION OR UNAVAILABILITY OF A PRODUCT DOES NOT RELIEVE THE CONTRACTOR FROM HIS RESPONSIBILITY TO PROVIDE THE LISTED PRODUCT										
OR A COMPARABLY EQUAL PRODUCT AS APPROVED BY THE ARCHITECT. INACCURACIES IN THE PRODUCT SPREADSHEET SHALL BE REPORTED TO THE ARCHITECT DURING THE BIDDING PERIOD. ADDITIONAL										
COMPENSATION SHALL NOT BE ALLOWED FOR THE CONTRACTOR FOR INACCURACIES OR OMMISSIONS REPORTED AFTER AWARD OF CONTRACT. ALLOWANCES FOR SELECTED PRODUCTS ARE LISTED IN THE										
WRITTEN SPECIFICATION.										
DIVISION 2										
	PVC DWV AND PRESURE WATER POTABLE WATER				N/A	N/A	N/A	800-348-7671	D - 2665	
	PVC CEMENT				N/A	N/A	N/A	800-348-7671	D - 1785	
	PVC GRAVITY SEWER SOLVENT WELD BELL				N/A	N/A	N/A	800-348-7671	D - 3034 SDR - 35	
DIVISION 3										
	CURING COMPOUND	SONNEBORN		FUGITIVE DYE		N/A	N/A			TWO COATS ON SLABS. VERIFY COMPATIBILITY WITH FLOORING.
	CONCRETE		3750 PSI			N/A	N/A			APPLIES AT SIDEWALKS, CURBS, SLABS, SILLS, STEPS AND MISC. AGGREGATE MAX NOT TO EXCEED 1/4 OF SLAB THICKNESS
	WELDED WIRE MESH					N/A	N/A		ASTM A185 54T	
DIVISION 5										
	ANCHOR BOLTS			ZMAX, G-185 COATING		N/A	N/A		ASTM A-325	HOT DIPPED GALVANIZED OR STAINLESS STEEL
	ANCHOR BOLT WASHERS			ZMAX, G-185 COATING		N/A	N/A		ASTM A-36	HOT DIPPED GALVANIZED OR STAINLESS STEEL
	STEEL STUDS: 12, 14, 16 GA	DALE/ENCORE	Fy= 50 Kim2			N/A	N/A			
	STEEL STUDS: 18, 20 GA	DALE/ENCORE	Fy= 33 Kim2			N/A	N/A			
	STEEL TRACS AND RUNNERS: 14, 16, 18, 20 GA	DALE/ENCORE	Fy= 33 Kim2			N/A	N/A			
	STEEL HAT CHANNEL: 25 GA	DALE/ENCORE	1 1/4/4" FLANGE 3/4" DEPTH			N/A	N/A		A653	
	C FURRING CHANNELS: 25 GA	DALE/ENCORE	1 1/4" FLANGE 2" DEPTH			N/A	N/A		A653	
DIVISION 6										
	FRAMING LUMBER		S4S 19% MAX. MOISTURE CONT.		N/A	N/A	N/A		STAMP OF INSPECTION	DOUGLAS FIR OR STRUCTURAL SOUTHERN PINE.
	TREATED LUMBER					N/A	N/A			80% RETENTION
	TREATED LUMBER HARDWARE	SIMPSON	ZMAX, G-185 COATING			N/A	N/A			HOT DIPPED GALVANIZED OR STAINLESS STEEL
	TILE BACKER	GEORGIA PACIFIC	DENSSHIELD TILE BACKER 5/8"		N/A	N/A	N/A			
DIVISION 7										
	SEALANT- INTERIOR			LATEX			N/A		PFAS FREE	
DIVISION 10										
	TOILET PAPER DISP	BOBRICK	4262, 262			CHROME	N/A			LOCATE IN ALL BATHROOMS
	PAPER TOWEL DISPENSER/ DISPOSAL	BOBRICK	B-369			CHROME	N/A			
	SANITARY DISPOSAL	BOBRICK	270			CHROME	N/A			
	MOP HOLDER	BOBRICK	239			CHROME	N/A			
	MIRROR	BOBRICK	BEVELED EDGE			CHROME	N/A			
	GRAB BARS	BOBRICK	550 SERIES			CHROME	N/A			
	ROBE HOOK	BOBRICK	671			CHROME	N/A			LOCATE IN ALL BATHROOMS
	FIRE EXTINGUISHER	LARSON		2A, 10BC			N/A			
DIVISION 15										
	DUCTWORK		GALV. STEEL			N/A	N/A		SMACNA	
	DUCT INSULATION		2"	76 LB DENSITY		N/A	N/A			FACTORY ATTACHED VINYL JACKET
	DUCT INSULATION		1"	1.5 LB DENSITY		N/A	N/A			SEMI RIGID; FIRE RESISTANT COATING ON AIR SIDE
	GAS PIPING	REPUBLIC X-TRUCOAT WITH POLYETHYLENE SHEATH BELOW GRADE		SCHED 40 BLACK STEEL		N/A	N/A		LOCAL CODE	SCREWED MALLEABLE IRON FITTINGS.
	SANITARY PIPING			PVC SCHED. 40 DWV		N/A	N/A		CURRENT CODE	INSULATED CAST IRON IN RETURN AIR PLENUM; WASTELINES SHALL NOT BE CELLULAR PVC
	POTABLE WATER AND CONDENSATE DRAIN PIPING			TYPE L HARD COPPER		N/A	N/A			
	WATER VALVE	CRANE	440 GATE			N/A	N/A			
	PIPE INSULATION	MANVILLE	MICRO-LOK 650			N/A	N/A			
	BALL VALVE					N/A	N/A			
	POTABLE WATER PIPING 1/2"		TYPE L COPPER TYPE M COPPER				N/A			
	POTABLE WATER PIPING 2" TO 3/4"		TYPE K COPPER SOFT				N/A			UNDERSLAB PIPING
DIVISION 16										
	DUPLEX RECEPTACLE	HUBBEL	5362			WHITE	20A/120V/ 1P			STRAIGHT BLADE, 2 POLE, 3 WIRE, NEMA CONFIGURATION 5-20R, 125V SPEC. GRADE
	FACE PLATES					WHITE	N/A			
	GFI	HUBBELL	GF5362-1			WHITE	20A/ 125V			2 POLE, 3 WIRE, GROUNDING TYPE, NEMA CONFIGURATION 5-20R
	WALL SWITCHES	HUBBELL				WHITE	20A/ 120/270V			TOGGLE OPERATED

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REVISIONS

STATE OF MICHIGAN
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PROJECT: 2203
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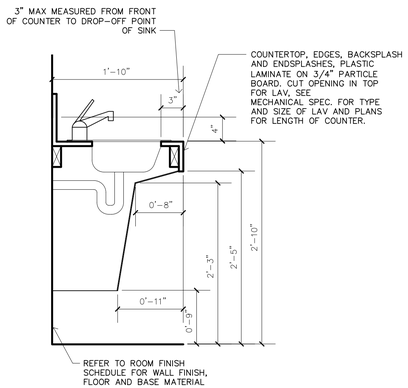
MATERIAL SPECIFICATION

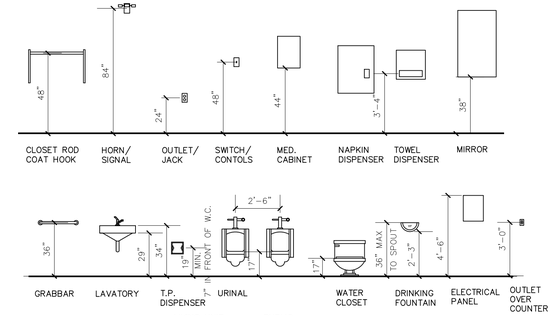
A001

	APPLICABLE CODES		
	BUILDING	2015 MICHIGAN REHABILITATION CODE FOR EXISTING BUILDINGS	
	ACCESSIBILITY	2009 ICC/ANSI A 117.1 - ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES	
		2010 AMERICANS WITH DISABILITIES ACT	
	ENERGY CODE	ASHRAE 90.1 2013; IECC 2015	
	MECHANICAL	2015 INTERNATIONAL MECHANICAL CODE	
	PLUMBING	2015 INTERNATIONAL PLUMBING CODE	
	ELECTRICAL	2017 NFPA 70 NATIONAL ELECTRICAL CODE	
SECTION #	**CHAPTER 1**		
107.3.4	REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE		WAYDE HOPPE
107.3.4.1	THE FOLLOWING ITEMS ARE DEFERRED SUBMITTALS. DESIGN OF THESE ITEMS WILL BE SUBMITTED AFTER THE AWARD OF CONTRACT		EXHAUST HOOD AND MAKE UP AIR UNIT GREASE INTERCEPTOR
SECTION #	**CHAPTER 3**		
	USE AND OCCUPANCY CLASSIFICATION		
304	OCCUPANCY CLASSIFICATION	ASSEMBLY	
	GROUP CLASSIFICATION	GROUP A-2	
SECTION #	**CHAPTER 6**	**REQUIRED**	**PROVIDED**
	BUILDING CONSTRUCTION TYPE		
	CONSTRUCTION TYPE	V B	V B
TABLE 601	FIRE RESISTANCE RATINGS		
TABLE 601	INTERIOR NON-BEARING WALLS/PARTITIONS	0 HOURS	0 HOURS
SECTION #	**CHAPTER 7**	**REQUIRED**	**PROVIDED**
	FIRE AND SMOKE PROTECTION FEATURES		
	FIRE-RESISTANCE RATED CONSTRUCTION		
SECTION 705.8.1 EXCEPTION 2	EXTERIOR WALL OPENINGS		UNLIMITED PER EXCEPTION 2
TABLE 706.4	FIRE WALL RATING	NOT APPLICABLE	NOT APPLICABLE
TABLE 707.3.10	FIRE BARRIER RATING	NOT APPLICABLE	NOT APPLICABLE
SECTION 708	FIRE PARTITIONS	NOT APPLICABLE	NOT APPLICABLE
	SMOKE BARRIERS	NOT APPLICABLE	NOT APPLICABLE
	SMOKE PARTITIONS	NOT APPLICABLE	NOT APPLICABLE
	DRAFTSTOPPING IS NOT REQUIRED IN FULLY SPRINKLED BUILDINGS	NOT APPLICABLE	NOT APPLICABLE
SECTION 718.2.2	HORIZONTAL FIRE BLOCKING	HORIZONTAL FIRE BLOCKING REQUIRED AT FURRED SPACES AT 10' INTERVALS	PROVIDED AT PERIMETER FURRED SPACES
SECTION 705.3	BUILDINGS ON THE SAME LOT	MEET 601 AND 602	SEPARATION DISTANCE GREATER THAN 30'
SECTION 706.1	SEPARATE BUILDINGS	USE A FIRE WALL TO MAKE SEPARATE BUILDINGS ON THE SAME SITE	NOT APPLICABLE
SECTION #	**CHAPTER 8**	**REQUIRED**	**PROVIDED**
	INTERIOR FINISHES		
	A-2 ASSEMBLY		
TABLE 803.11	EXIT STAIRWAYS AND RAMPS AND PASSAGEWAYS	CLASS B (25-75 FLAME SPREAD INDEX: .450 SMOKE DEVELOPED INDEX)	CLASS B (25-75 FLAME SPREAD INDEX .450 SMOKE DEVELOPED INDEX)
TABLE 803.11	CORRIDORS AND EXIT ACCESS	CLASS B (25-75 FLAME SPREAD INDEX: .450 SMOKE DEVELOPED INDEX)	CLASS B (25-75 FLAME SPREAD INDEX .450 SMOKE DEVELOPED INDEX)
TABLE 803.11	ROOMS AND ENCLOSED SPACES	CLASS C (76-200 FLAME SPREAD INDEX .450 SMOKE DEVELOPED INDEX)	CLASS C (76-200 FLAME SPREAD INDEX: .450 SMOKE DEVELOPED INDEX)
SECTION #	**CHAPTER 9**	**REQUIRED**	**PROVIDED**
	FIRE PROTECTION SYSTEMS		
SECTION 903.2.1.3	REQUIRED AT USE GROUP A-2		
	WHERE A FIRE AREA EXCEEDS 5,000 SF	REQUIRED SINCE FIRE AREA > 5000 SF	PROVIDED
	WHERE OCCUPANT LOAD EXCEEDS 100	REQUIRED SINCE COMBINED OCCUPANCY > 100	PROVIDED
SECTION 906.1	FIRE EXTINGUISHERS	REQUIRED	PROVIDED
SECTION #	**CHAPTER 10**	**REQUIRED**	**PROVIDED**
	OCCUPANT LOAD		
	A-2 ASSEMBLY		
TABLE 1004.1.1	UNCONCENTRATED ASSEMBLY	15 (NET)	1455 / 15 = 97
TABLE 1004.1.1	COMMERCIAL KITCHEN	200 (GROSS)	758 / 200 = 4
	TOTAL OCCUPANT LOAD		**101**
	MEANS OF EGRESS		
	EGRESS REQUIRED A-3		
	STAIRWAYS	NA	
	OTHER EGRESS COMPONENTS: .2"/PERSON	101 PEOPLE X.2"/PERSON = 21 INCHES	108"
TABLE 1016.2	TRAVEL DISTANCE	250 FEET (SPRINKLED)	56' LONGEST TRAVEL DISTANCE
SECTION 1020.2	CORRIDOR WIDTH	44 INCHES (MIN.)	44" MIN PROVIDED
TABLE 1020.1	CORRIDOR RATING	NA	NONE
TABLE 1006.3.1	NUMBER OF EXITS	2 MIN	3 PROVIDED
1004.3	POST OCCUPANT LOAD SIGNS ON INTERIOR OF EACH ROOM		PROVIDED
SECTION #	**MICHIGAN PLUMBING CODE**	**REQUIRED**	**PROVIDED**
	A-2		
	(1) WATER CLOSET PER 75 OCCUPANTS	101 / 75 = 2	2
	(1) LAV PER 200	101 / 200 = 1 REQUIRED	2
	SERVICE SINK	1 REQUIRED	1
SECTION #	**MICHIGAN REHABILITATION CODE FOR EXISTING BUILDINGS**	**REQUIRED**	**PROVIDED**
SECTION #	**CHAPTER 4**	**REQUIRED**	**PROVIDED**
	WORK AREA METHOD		
403	ALTERATIONS SHALL COMPLY WITH THE MBC		SEE MBC REVIEW ABOVE
410.1	WHEN THERE IS A CHANGE IN USE GROUP OR OCCUPANCY LOAD THEN CHANGES MUST BE ACCESSIBLE		
SECTION #	**CHAPTER 8**	**REQUIRED**	**PROVIDED**
	ALTERATIONS LEVEL 2		
803.4	MEET THE INTERIOR FINISH REQUIREMENTS OF THE MBC		PROVIDED
804	FIRE PROTECTION		PROVIDED
804.4	FIRE ALARM		NOT PROVIDED
805.3	THE NUMBER OF EXITS IS TO BE DETERMINED BY THE OCCUPANT LOAD PER THE MBC		PROVIDED
805.4	WORK AREAS WITH OCCUPANT LOADS GREATER THAN 50 AND TRAVEL DISTANCE GREATER THAN 75 FEET PROVIDE TWO MEANS OF EGRESS		PROVIDED
805.4.4	IF OCCUPANT LOAD IS GREATER THAN 100 OR WHERE WORK AREA IS GREATER THAN 50% OF THE FLOOR AREA PROVIDE PANIC HARDWARE		PROVIDED
805.6	DEAD ENDS LIMITED TO 35'		MAX DEAD END = 32'
805.8	EXIT SIGNS		PROVIDED
806.1	COMPLY WITH ACCESSIBILITY OF 410		
410.6, EXCEPTION 2	ACCESSIBLE MEANS OF EGRESS NOT REQUIRED IN AN EXISTING BUILDING		
410.7	ACCESSIBILITY REQUIRED IF ALTERATION IS TO A PRIMARY FUNCTION	ALTERATION IS TO A PRIMARY FUNCTION ACCESSIBILITY IS REQUIRED	PROVIDED



EXPOSED WATER SUPPLY AND DRAINAGE PIPES BELOW LAVATORIES OR SINKS MUST BE INSULATED OR OTHERWISE POSITIONED TO PROTECT AGAINST CONTACT. THERE MUST BE NO SHARP OR ABRASIVE SURFACES BELOW LAV.

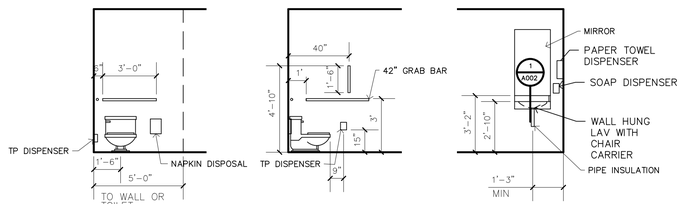
1 / A002 SCALE: 1" = 1'-0"



	LIVING UNIT	PUBLIC
LIGHT PANELS	60" TO TOP	48" TO TOP
SWITCHES, CONTROLS, PULLS	48" TO C.L.	48" TO C.L.
ELECTRIC OUTLETS AT FLOOR	24" TO C.L.	24" TO C.L.
ELECTRIC OULTETS AT COUNTERS	48" TO C.L.	42" TO C.L.
CLOSET ROD AND COAT HOOKS	62"-66"	54" MAX
MEDICINE CABINET	52" TO BOTTOM	44" TO BOTTOM
MIRROR	48" TO BOTTOM	38" TO BOTTOM
HORNS AND SIGNALS	84" TO C.L.	84" TO C.L.
DRINKING FOUNTAIN SPOUT	36" MAX	36" MAX.
GRAB BARS		33"-36" TO TOP
T.P. DISPENSER		18"-48" TO C.L.
		7" IN FRONT OF W.C.

DIMENSIONS FROM FINISHED FLOOR UNLESS NOTED OTHERWISE

BARRIER FREE FIXTURE HEIGHTS



METAL STUD SIZING

ALLOWABLE HEIGHTS

STUD SIZE	16" OC/ 33 KSI **
3 5/8" OR 4" X 20 GA	13'-11"
3 5/8" OR 4" X 18 GA	16'-2"
3 5/8" OR 4" X 16 GA	19'-6"
5 1/2" OR 6" X 20 GA	23'-11"
5 1/2" OR 6" X 18 GA	27'-2"
5 1/2" OR 6" X 16 GA	30'-0"

** HEIGHTS BASED ON 16" OC STUD SPACING, 5 PSF LATERAL LOAD, L/240 DEFLECTION, NON-STRUCTURAL APPLICATION. BRIDGING AT MIDPOINTS OR 8'-0" MAX

STUD SIZE	16" OC/33 KSI***	12" OC/33 KSI***
3 5/8" OR 4" X 20 GA	11'-0"	12'-3"
3 5/8" OR 4" X 18 GA	12'-0"	13'-3"
3 5/8" OR 4" X 16 GA	13'-0"	14'-3"
5 1/2" OR 6" X 20 GA	16'-4"	18'-0"
5 1/2" OR 6" X 18 GA	18'-0"	19'-8"
5 1/2" OR 6" X 16 GA	19'-3"	21'-3"
5 1/2" OR 6" X 12 GA	22'-9"	28'-0"
8" X 20 GA	20'-6"	22'-8"
8" X 18 GA	22'-6"	24'-9"
8" X 16 GA	24'-3"	26'-8"
8" X 12 GA	28'-9"	31'-8"

STUD SIZE	16" OC/50 KSI***	12" OC/50 KSI***
3 5/8" OR 4" X 20 GA	12'-0"	13'-6"
3 5/8" OR 4" X 18 GA	13'-3"	14'-8"
3 5/8" OR 4" X 16 GA	14'-3"	15'-8"
5 1/2" OR 6" X 20 GA	18'-0"	20'-0"
5 1/2" OR 6" X 18 GA	19'-8"	21'-8"
5 1/2" OR 6" X 16 GA	21'-3"	23'-4"
5 1/2" OR 6" X 12 GA	28'-0"	31'-0"
8" X 20 GA	22'-6"	25'-0"
8" X 18 GA	24'-9"	27'-3"
8" X 16 GA	26'-8"	29'-4"
8" X 12 GA	31'-8"	34'-9"

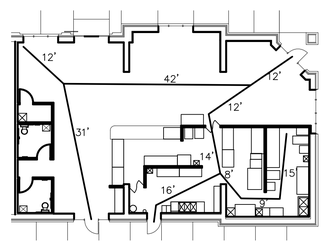
*** HEIGHTS BASED ON 20 PSF LATERAL LOAD, L/240 DEFLECTION, STRUCTURAL APPLICATION. BRIDGING AT 1/3 POINTS OR 8'-0" MAX.

MASONRY LINTEL SCHEDULE

HORIZONTAL LEGS
4" MASONRY: ONE 3 1/2"
6" MASONRY: TWO 2 1/2"
8" MASONRY: TWO 3 1/2"
10" MASONRY: TWO 4"
12" MASONRY: TWO 5"

VERTICAL LEGS
SPANS LESS THAN 4'-0": 3 1/2" MIN.
SPANS 4'-0" TO 6'-8": 5" MIN.
SPANS OVER 6'-8" SEE PLANS OR CONTACT ARCHITECT FOR SIZING

NOTES:
1. PROVIDE BRICK SOLIDS AT ALL SILL ENDS.
2. RETURN BRICK AT WINDOWS ADJACENT TO SIDING
3. ALL BRICK LINTELS TO BE GALVANIZED.



1 / A002 EGRESS PLAN

SCALE: 1/16" = 1'-0"

TOTAL AREA 2531 SF

PROJECT NORTH

STATE OF MICHIGAN
WAYDE C. HOPPE
ARCHITECT
No. 1301036190
LICENSED ARCHITECT

WAYDE C. HOPPE

REVISIONS

PROJECT: 2203
DATE: 4.30.22
DRAWN: WCH
CHECKED: WCH

GLORIA JEAN CAFE

519, 529 N LIBERTY ST, BELLEVILLE, MI 48111

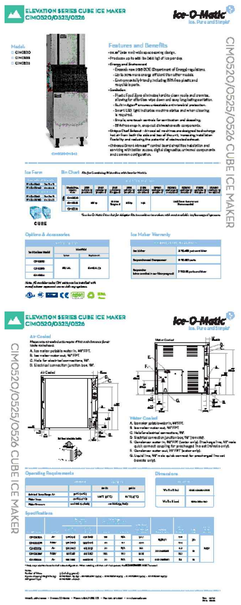
HOPPE DESIGN, LLC
47032 McBRIDE, BELLEVILLE, MI 48111
734-218-2492

VERIFY ALL DIMENSIONS IN FIELD

CODE REVIEW

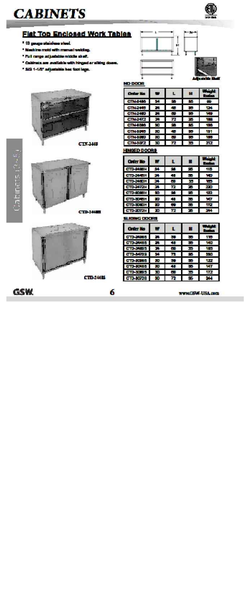
A002

#01-ICE MAKER



#02-REF MERCHANDISER

#03-WORK TABLE

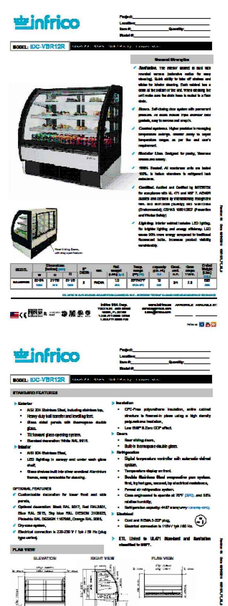


#04-BEER COOLER

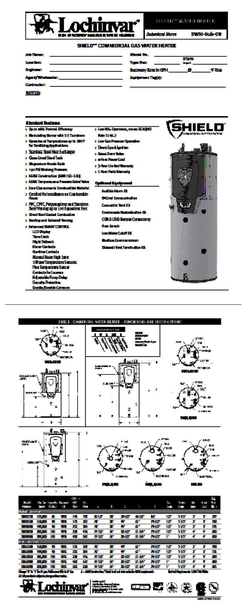
#05-UNDERCOUNTER REF

#06-DISPLAY CASE NON-REFRIGERATED

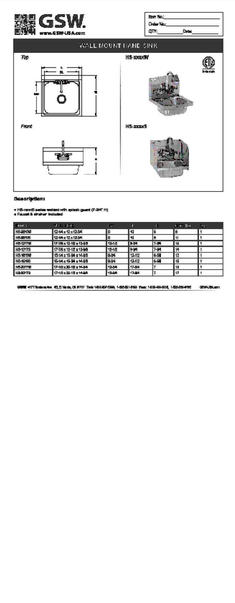
#07-DISPLAY CASE REFRIGERATED



#08 HOT WATER HEATER

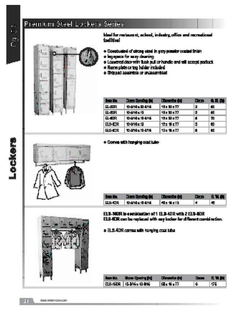


#09-HAND SINK

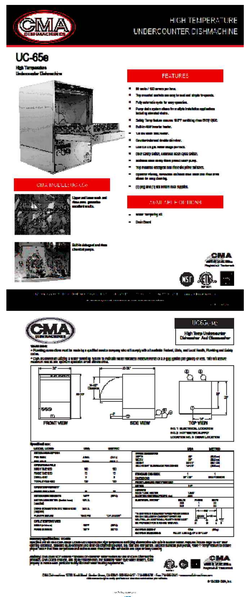


#10-WIRE SHELVING

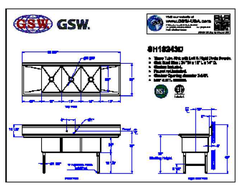
#11-LOCKER



#12-DISHWASHER UNDERCOUNTER

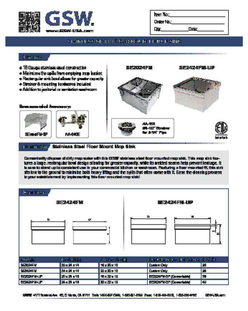


#13-3 COMPARTMENT SINK

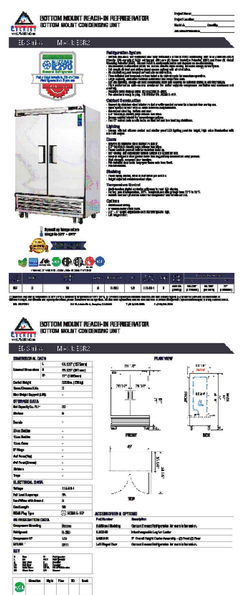


#14-WIRE SHELVING

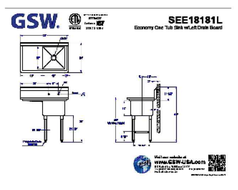
#15-MOP SINK



#16-REFRIGERATOR REACH IN



#17-1 COMPARTMENT SINK



#18-WIRE SHELVING

GLORIA JEAN CAFE
519, 529 N LIBERTY ST, BELLEVILLE, MI 48111

HOPPE DESIGN, LLC
47032 McBRIDE - BELLEVILLE, MI 48111
734-218-2492

REVISIONS

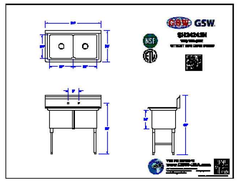
STATE OF MICHIGAN
WAYDE C. HOPPE
ARCHITECT
No. 1301036190
LICENSED ARCHITECT
WAYDE C. HOPPE

PROJECT: 2203
DATE: 4.30.22
DRAWN: WCH
CHECKED: WCH

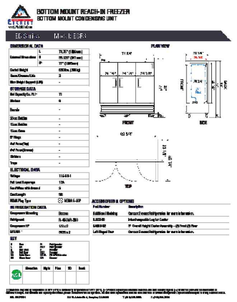
KITCHEN EQUIPMENT

A003

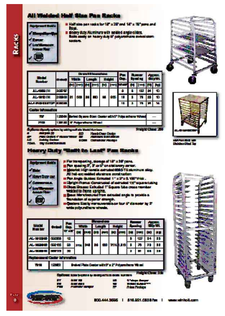
#19-2 COMPARTMENT SINK



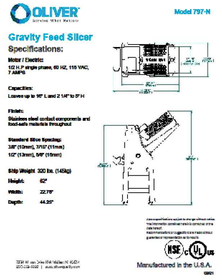
#20-FREEZER REACH IN



#21-SHEET PAN RACK

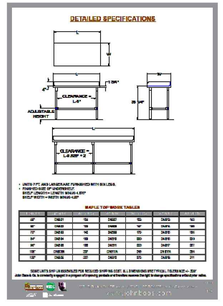


#22-BREAD SLICER



#23-PROOFING CABINET

#24-BAKERS TOP



#25-SPIRAL MIXER

#26-PLANETARY MIXER

#27-EXHAUST HOOD

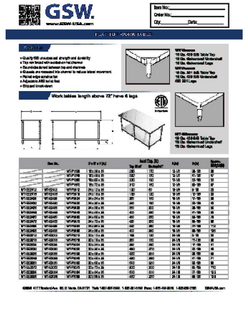
#28-OVEN CONVECTION

#29-HOTPLATE COUNTERTOP

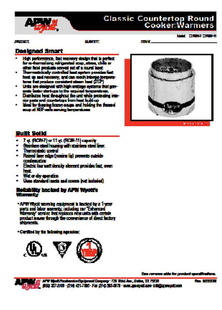
#30-OVEN RAPID COOK

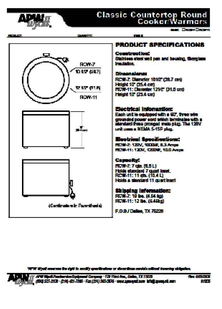
#31-SALAD PREP REFRIGERATOR

#32-WORK TABLE



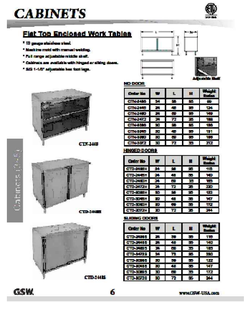
#33-FOOD WARMER





#34-REFRIGERATOR UNDERCOUNTER

#35-WORK TABLE



#36-TRASH RECEPTACLE

GLORIA JEAN CAFE
519, 529 N LIBERTY ST, BELLEVILLE, MI 48111

HOPPE DESIGN, LLC
47032 McBRIDE - BELLEVILLE, MI 48111
734-218-2482

REVISIONS

PROJECT: 2203
DATE: 4.30.22
DRAWN: WCH
CHECKED: WCH

KITCHEN EQUIPMENT

A004

KEYNOTES (X)

1. CASH REGISTER
2. SOAP DISPENSER
3. UNDERCOUNTER WASTE BASKET
4. PAPER TOWEL DISPENSER
5. MOP RACK
6. SANITIZER STORAGE WIRE SHELVING BELOW DRAIN BOARD
7. TRASH DUMPSTER
8. WALL MOUNTED FIRE EXTINGUISHER 2A–10BC
9. WATER METER
10. ELECTRIC PANEL
11. FEMININE NAPKIN DISPOSAL
12. GRAB BAR
13. TOILET PAPER DISPENSER
14. MIRROR
15. LAVATORY
16. TOILET
17. EXISTING ELECTRICAL PANEL

GENERAL NOTES

1. ALL DIMENSIONS ARE TO BE FIELD VERIFIED.

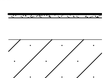
2. ALL DIMENSIONS ARE TO FACE OF FINISH GYPSUM WALL BOARD.

3. ALL CABINET DIMENSIONS TO BE VERIFIED PRIOR TO CONSTRUCTION AND PLACEMENT OF PARTITIONS, WINDOWS, DOORS AND OTHER PORTIONS OF CONSTRUCTION. PROVIDE FILLERS AND NOTIFY ARCHITECT OF DISCREPANCIES FROM PLAN.

4. PROVIDE 2X WOOD BLOCKING FOR ALL ACCESSORIES.

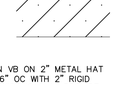
5. VERIFY EQUIPMENT LOCATIONS WITH MANUFACTURER AND SUPPLIER. COORDINATE POWER LOCATIONS WITH PROVIDER AND ELECTRICAL SHEETS.
6. PROVIDE STAINLESS STEEL SHEET ON MINERAL WOOL ON WALL BEHIND ALL COOKING EQUIPMENT

WALL TYPES



1

⅝" GWB ON VB ON 3 5/8" METAL STUDS 16" OC WITH 3 5/8" CLOSED CELL FOAM INSUL ON EXISTING CMU: PROVIDE FIREBLOCKING AT 10' AFF



2

⅝" GWB ON VB ON 2" METAL HAT CHANNEL 16" OC WITH 2" RIGID INSUL ON EXISTING CMU. PROVIDE FIREBLOCKING AT 10' AFF

3

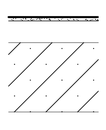
⅝" GWB ON 3⅝" METAL STUDS 16" O.C. 18 GA 33 KSI, BRIDGING MIDPOINT W/ 3½" FIBERGLASS ACOUSTICAL INSUL W/ ⅝" GWB. TO UNDERSIDE OF DECK

4

⅝" GWB ON 6" METAL STUDS 16" O.C. W/ 5" ACOUSTICAL FIBERGLASS INSULATION W/ ⅝" GWB TO UNDERSIDE OF DECK.

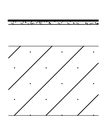
5

⅝" GWB ON 3⅝" METAL STUDS 16" O.C. 18 GA 33 KSI, BRIDGING MIDPOINT W/ ⅝" GWB, TO 12" ABOVE CEILING, DIAGONAL BRACING ABOVE CEILING.



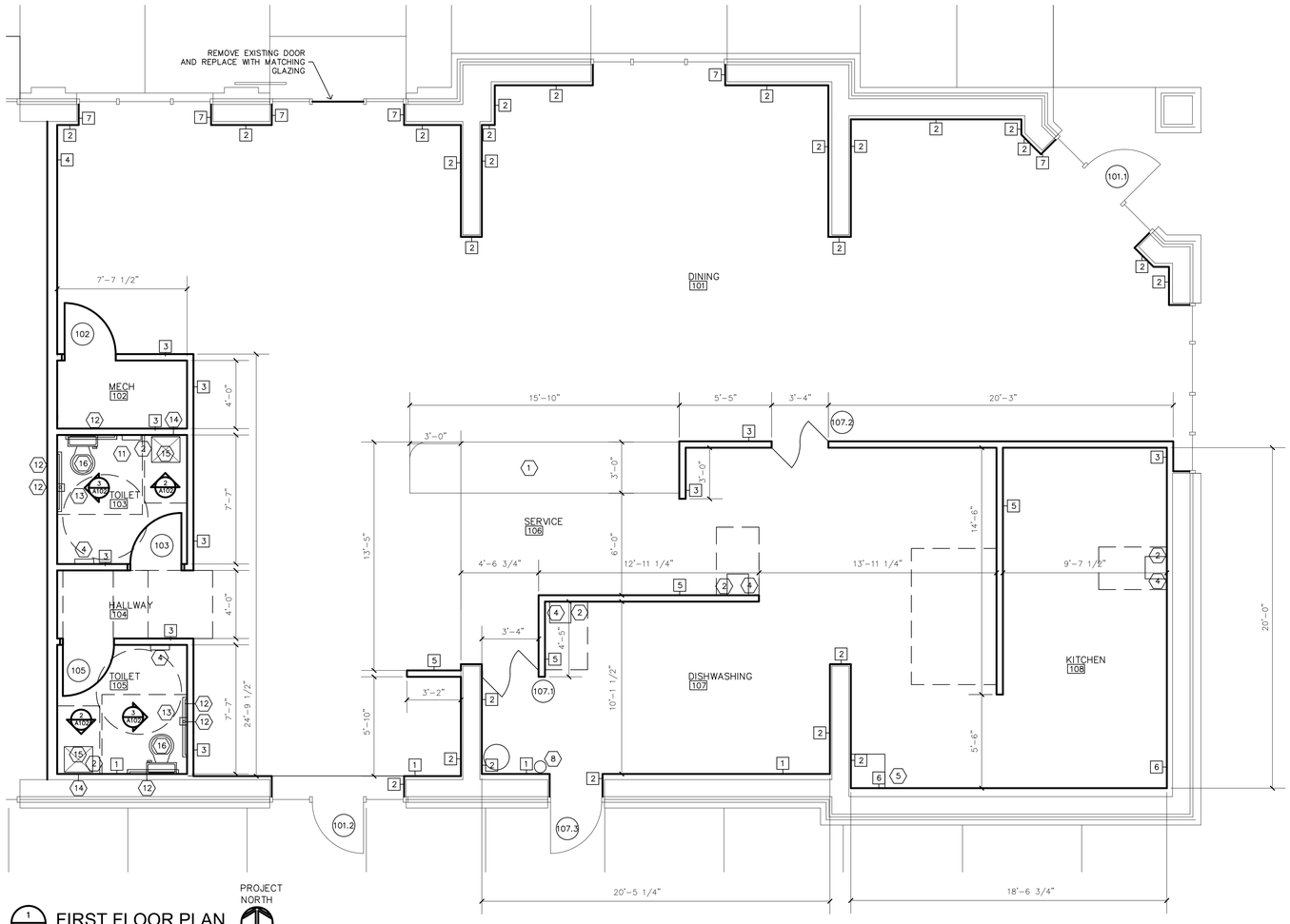
6

⅝" GWB ON VB ON 5 1/2" METAL STUDS 16" OC WITH 5 1/2" CLOSED CELL FOAM INSUL ON EXISTING CMU. PROVIDE FIREBLOCKING AT 10' AFF



7

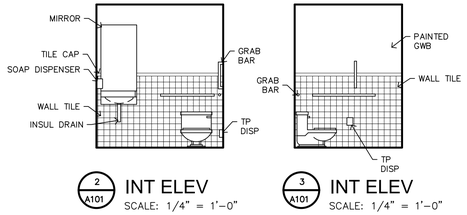
⅝" GWB ON VB ON 3/4" METAL FURRING WITH CLOSED CELL FOAM INSUL ON EXISTING CMU. PROVIDE FIREBLOCKING AT 10' AFF



1 / A101 FIRST FLOOR PLAN
SCALE: 1/4" = 1'–0"

PROJECT NORTH

NOTES
1. MILLWORK DESIGN BY OTHERS
2. INTERIOR DESIGN BY OTHERS



2 / A101 INT ELEV
SCALE: 1/4" = 1'–0"

3 / A101 INT ELEV
SCALE: 1/4" = 1'–0"

VERIFY ALL DIMENSIONS IN FIELD

GLORIA JEAN CAFE

519, 529 N LIBERTY ST, BELLEVILLE, MI 48111

HOPPE DESIGN, LLC
47032 McBRIDE, BELLEVILLE, MI 48111
734-218-2492

REVISIONS

STATE OF MICHIGAN
WAYDE C. HOPPE
ARCHITECT
No. 1301036190
LICENSED ARCHITECT

WAYDE C. HOPPE

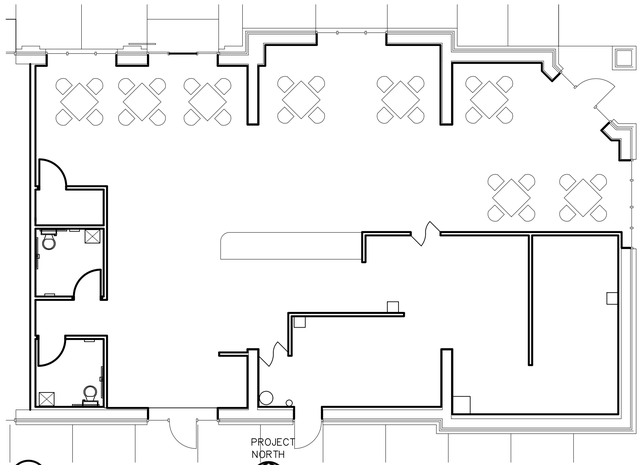
PROJECT: 2203
DATE: 4.30.22
DRAWN: WCH
CHECKED: WCH

FLOOR PLAN

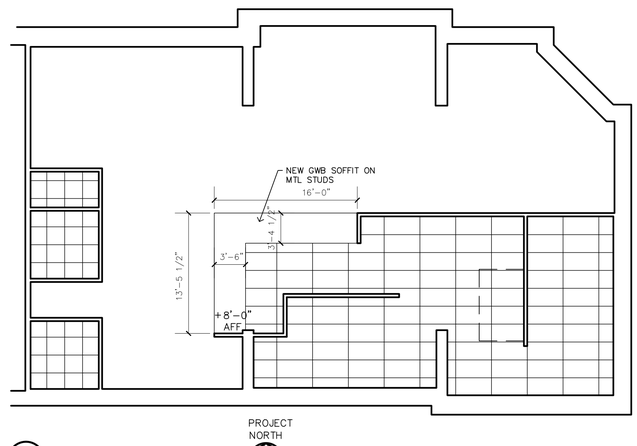
A101

GLORIA JEAN CAFE

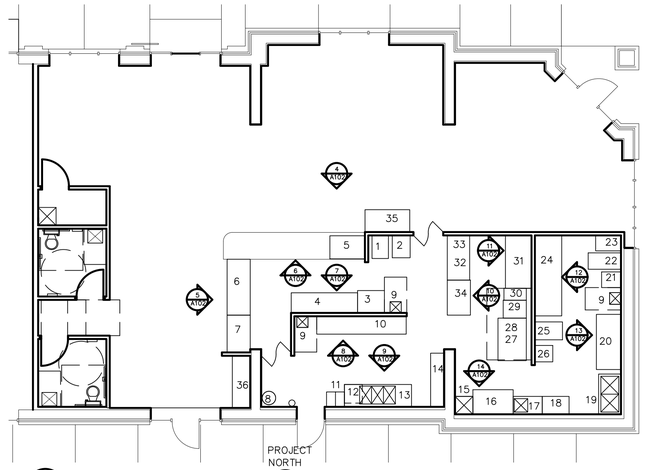
519, 529 N LIBERTY ST, BELLEVILLE, MI 48111



1 A102 FURNITURE PLAN
SCALE: 1/8" = 1'-0"
PROJECTED INTERIOR SEATING: 79

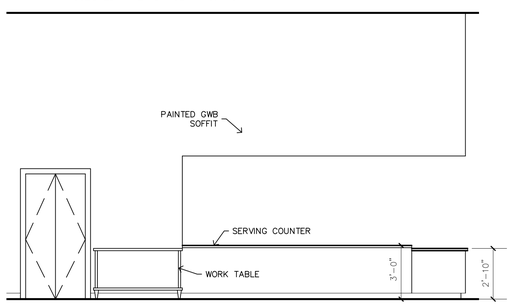


2 A102 REF CEILING PLAN
SCALE: 1/8" = 1'-0"

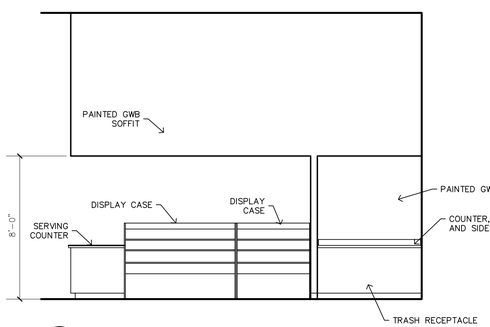


3 A102 EQUIPMENT PLAN
SCALE: 1/8" = 1'-0"

PROVIDE NEW STAINLESS STEEL SURROUND AT HOOD AREA



4 A102 INT ELEV
SCALE: 1/4" = 1'-0"



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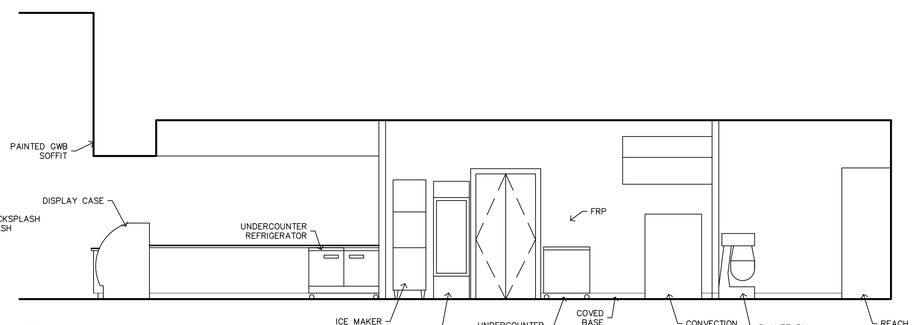
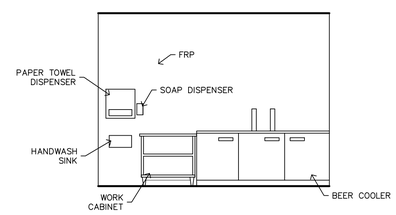
SCALE: 1/4" = 1'-0"



6 A102 INT ELEV
SCALE: 1/4" = 1'-0"

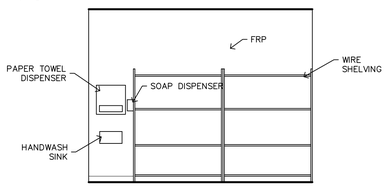


7 A102 INT ELEV
SCALE: 1/4" = 1'-0"

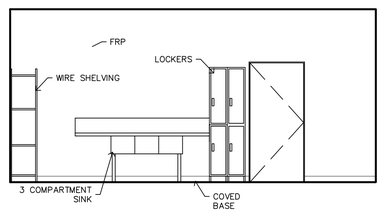
EQUIPMENT SCHEDULE

NUMBER	LABEL	MANUFACTURER	MODEL NUMBER	SIZE	WATER DEMAND	ELECTRIC DEMAND	GAS DEMAND	COMMENTS
1	ICE MAKER	ICE O MATIC	CIM0520HA/ B42PS	22 14"W X 24 1/4"D X 21 1/4"H	3/8" IN/3/4" OUT: CONDENSER IN 3/8"/1/2" OUT	115//60/1/17.8A		B42PS BIN 22"W X 31"D X 50"H
2	REFRIGERATED MERCHANDISER	EVEREST	EMGR20	24 3/4"W X 30 3/4"D X 79 3/4"H		1/4 HP/ 115/60/1/3.7 A		
3	WORK TABLE CABINET BASE	GSW	CTD-3036H	36"W X 30" D X 35" H				
4	BEER COOLER	EVEREST	EBD4	89 1/4"W X 27"D X 37 1/4"H		1/3 HP/115/60/1/2.5A		
5	UNDERCOUNTER REFRIGERATOR	EVEREST	ETBR2	47 1/2"W X 31 1/2"D X 35 1/4"H		1/5 HP/115/60/1/2.6A		
6	DISPLAY CASE, NON REFGRIGERATED	INFRICO USA	IDC-VBR18N	75"W X 31 3/4"D X 51"H		115/60/1/.5A		
7	DISPLAY CASE, REFRIGERATED	INFRICO USA	IDC VBR12R	75"W X 31 3/4"D X 51"H		3/4HP/115/60/1/7.9S		
8	HOT WATER HEATER: GAS	LOCHINVAR	SWR125N	65 GALLON, 145 GPH	1 1/2" WATER	120/1/ 60 HZ	1/2" GAS	
9	HAND SINK	GSW	HS 1615S	15 3/4"W X 15 1/4" X 13 3/8" D				SS
10	WIRE SHELVING	THUNDER	CMEP2460	24"D X 60"L				
11	LOCKER	GSW	EL 6DR	12"W X 20"D X 77"H				
12	UNDERCOUNTER DISHWASHER	CMA	US65E	24"W X 25"D X 33 1/2"H		208/60/1/22A		
13	THREE COMPARTMENT SINK	GSW	SH18243D	90 3/8"W X 30"D X 45"H				WALL SHELF WS W1484 84"W X 14"D X 11" H
14	WIRE SHELVING	THUNDER	CMEP1872	18"D X 72"W				
15	MOP SINK	GSW	SE2424FM	24"W X 24"D X 14"H				WS W1424 WALL SHELF
16	REACH IN REGRIGERATOR	EVEREST	EBR2	54 1/8"W X 33 1/8"D X 82"H		1/3HP/115/60/1/3A		
17	ONE COMPARTMENT SINK	GSW	SEE18181L	39 1/8"W X 24"D X 45"H				
18	WIRE SHELVING	THUNDER	CMEP2436	24"D X 36"W				
19	TWO COMPARTMENT SINK	GSW	SH24242N	54 1/4"W X 30"D X 45"H				
20	REACH IN FREEZER	EVEREST	EBF3	74 3/4"W X 33 1/8"D X 88"H		(2) 1/2HP/115/60/1/12A		
21	SHEET PAN RACK	WINHOLT	AL1820B	21 1/2"W X 26"D X 71 1/2"H				
22	BREAD SLICER	OLIVER	797 N	22 3/8"W X 44 3/16"D X 62"H		1/2HP/115/60/1/7A		
23	PROOFING CABINET	WINHOLT	INHPL 1836C	20 3/4"W X 34 1/8"D X 67 1/8"H				
24	BAKERS TOP WORK TABLE	JOHN BOOS	DNB17A	108"W X 36"D X 39 1/4"H				GSW WS W1448 WALL MOUNTED SHELF
25	SPIRAL MIXER	MVP	PSM 50E	24"W X 37.2"D X 50"H		208/60/3/6.8A		
26	PLANETARY MIXER	MVP	PM 30	22"W X 24"D X 44"H		2HP/120/60/1		
27	EXHAUST HOOD	CAPTIVE AIRE	CA EXHAUST	5' X 8'				
28	CONVECTION OVEN	BLODGETT	ZEPH 200 G ES DBL	38"W X 36 7/8"D X 57"H		115/60/1/8A	3/4": 48" HOSE	
29	COUNTERTOP HOTPLATE	IMPERIAL	IHPA 4 24	24"W X 31 3/8"D X 10 3/4"H			3/4"	GSW ES P3048 EQUIPMENT STAND
30	RAPID COOK OVEN	TURBO CHEF	SOTA TOUCH	16"W X 27.3"D X 25"H		208/240/60/1/30A; 6' CORD		
31	SALAD PREP REFRIGERATOR	EVEREST	EPBR3	71 1/8"W X 35 1/4"D X 38 1/2"H		1/3HP/115/60/1/3A		CORD
32	WORK TABLE	GSW	WT P3060	60"W X 30"D X 35"H				
33	FOOD PAN WARMER	APW WYOTT	RCW 11SP	12 1/2"W X 10"H		120/60/1/10A/1200W		
34	UNDERCOUNTER REFRIGERATOR	EVEREST	ETBR2	43 1/4"W X 31 1/2"D X 35 1/4"H		1/5HP/115/60/1/2.6A		GSW DS 1248A DOUBLE OVERHEAD SHELF
35	WORK TABLE CABINET BASE	GSW	CTD 3060H	60"W X 30"D X 35"H				
36	TRASH RECEPTACLE							

VERIFY ALL DIMENSIONS IN FIELD



8 A102 INT ELEV
SCALE: 1/4" = 1'-0"



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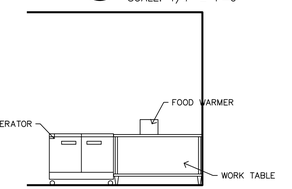
SCALE: 1/4" = 1'-0"



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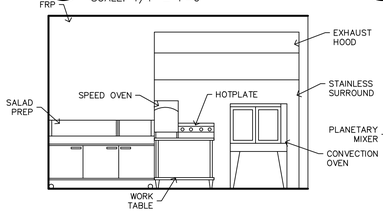
SCALE: 1/4" = 1'-0"



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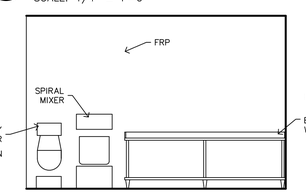
SCALE: 1/4" = 1'-0"



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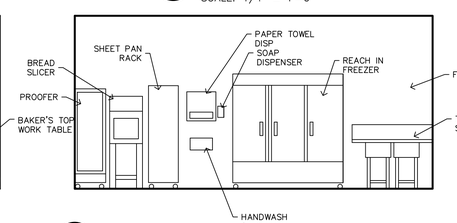
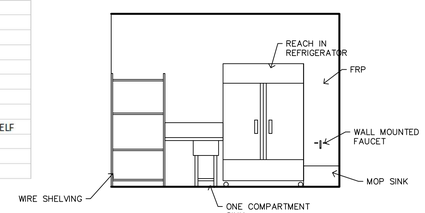


13 A102 INT ELEV
SCALE: 1/4" = 1'-0"



14 A102 INT ELEV
SCALE: 1/4" = 1'-0"

HOPPE DESIGN, LLC
47032 Meadowside, Belleville, MI 48111
734-218-2402

STATE OF MICHIGAN
WAYDE C. HOPPE
ARCHITECT
No. 1301036190
LICENSED ARCHITECT

WAYDE C. HOPPE

REVISIONS

PROJECT: 2203
DATE: 4.30.22
DRAWN: WCH
CHECKED: WCH

REFLECTED CEILING , FURNITURE AND EQUIPMENT

A102

UNIT	DESCRIPTION	MANUFACTURER	MODEL	STYLE	FINISH	COLOR	POWER	STANDARDS/ RESPONSIBILITY	COMMENTS
				DIVISION 8					
	DOOR: INTERIOR WOOD	USA FIRE DOOR	PC, SCL OR STV SOLID CORE	CLEAR MAPLE	FACTORY STAIN	BY OWNER	N/A	844-321-3667	ARCHITECTURAL STAIN GRADE MAPLE, PLAIN SLICED
	DOOR: INTERIOR METAL	STEELCRAFT	COMMERCIAL GRADE	18 GA	FACTORY FINISHED	BY OWNER	N/A		16 GAUGE STEEL FRAMES WITH WELDED CORNERS AND FRAME REINFORCEMENT. ALL JOINTS WELDED AND GROUND SMOOTH. THREE FRAME ANCHORS MIN. PER JAMB; RUBBER BUMPERS
	HARDWARE: SECURITY	ADAMS RITE	4590/4591	BOLT		US26D SATIN CHROME			LATCH PADDLE
	HARDWARE: LOCK CYLINDERS	SCHLAGE	EXT D53PD RHO 626			US26D SATIN CHROME			PROVIDE CONSTRUCTION CORES AND CONVERT 1 DAY AFTER OCCUPANCY
	HARDWARE: OFFICE	SCHLAGE	ND SERIES	ATHENS LEVER	LIFETIME	US26D SATIN CHROME	N/A		
	HARDWARE: CLOSER	LCN			ALUM	BY OWNER	N/A		KEY VALVES FOR BACKCHECK, SPEED AND LATCHING
	HARDWARE: HINGES	HAGER	BB1279NRP	4 1/2 X 4 1/2		US26D SATIN CHROME	N/A		CONCEALED BALL BEARING; AT EXTERIOR DOORS USE NON-REMOVEABLE PINS; LOCKABLE IN THE FULL OPEN POSITION; ATTACH WITH SEX BOLTS
	HARDWARE: WALL STOPS			WALL MOUNTED		US26D SATIN CHROME	N/A		PROVIDE 2 X 10 WOOD BLOCKING
	HARDWARE: STRIKE	LOCKSET PROVIDER	EXTENDED	MATCH	MATCH	BY OWNER	N/A		EXTENDED STRIKE PLATE AT DEEP JAMB
				DIVISION 9					
	GYPSUM BOARD	US GYPSUM		5/8"	PRIME AND PAINT	BY OWNER	N/A		GLUE AND SCREW; 1 1/4" SCREW LENGTH MIN
	GYPSUM GREENBOARD	US GYPSUM		5/8"	PRIME AND PAINT	BY OWNER	N/A		GLUE AND SCREW; PROVIDE BEHIND WALL TILE
	GYPSUM TYPE X	US GYPSUM		5/8"	PRIME AND PAINT	BY OWNER	N/A		GLUE AND SCREW
	LAY-IN CEILING TILE	USG	CLIMAPLUS MARS	24" X 24" X 3/4"	MILLENNIA	WHITE	N/A	ASTM E1374; ASSTM E84	SQ EDGE; NRC .55-.65; STC 35-39; FLAME SPREAD 0-25
	LAY-IN CEILING GRID	ARMSTRONG, DONN	PRELUDE XL 15/16"	DX-DXL-24		WHITE	N/A	ASTM C635 SUSPENSION	16 GA. 1 1/2" MAIN CHANNELS; PROVIDE EDGE MOULDING, TRIM AND ACOUSTIC SEALANT
	TILE WALL	DALTILE		1/4" THICK	GLAZED		N/A	ANSI 137.1	LATEX THIN SET ADHESIVE; PROVIDE ONE PIECE INSIDE/OUTSIDE CORNERS
	GROUT	POLYBLEND, LATICRETE					N/A		LATEX GROUT
	TILE FLOOR	DALTILE		PORCELAIN; ABRASIVE ADMIXTURE	UNGLAZED; 2 COATS SEALER		N/A	ANSI 137.1	LATEX THIN SET ADHESIVE; PROVIDE INTEGRAL COVE BASE; PATTERNED FACE AND CUSHIONED EDGE
	GROUT	POLYBLEND					N/A		LATEX GROUT
	TILE	RADIUS CAP 2" X 6"					N/A		LATEX ADHESIVE
	GROUT	LATICRETE					N/A		LATEX GROUT
	VINYL BASE	JOHNSONITE	63	4"			N/A		COVE AT VCT AND STRAIGHT AT CARPET
	PAINT- UNPAINTED DRYWALL	SHERWIN WILLIAMS, BENJAMIN MOORE		LATEX ENAMEL	EGG SHELL		N/A		LATEX DRYWALL PRIMER. STAIN BLOCKING PRIMER ON STAINS, AND TWO COATS LOW LUSTER LATEX EGGSHELL
	PAINT- WOODWORK INTERIOR	SHERWIN WILLIAMS	DURATION	LATEX ENAMEL	EGG SHELL		N/A		ONE COAT ENAMEL UNDERCOAT, TWO COATS LOW LUSTER ENAMEL SATIN FINISH
	STAIN- WOOD INTERIOR	SHERWIN WILLIAMS	PRO MAR	LATEX ENAMEL	STAIN		N/A		ONE COAT STAIN, ONE COAT GLOSS VARNISH, ONE COAT SATIN VARNISH. SAND LIGHTLY BETWEEN COATS.
	PAINT- FERROUS METAL	DEVOE					N/A		METAL DOORS, FRAMES AND EXPOSED CONSTRUCTION; THOROUGHLY CLEAN WITH WIRE BRUSH AND RINSE, THEN OIL BASED RUST INHIBITIVE METAL PRIMER, ALLOW TO DRY 24 HOURS, TWO COATS LOW LUSTER ACRYLIC
	PAINT- ZINC COATED METAL	DEVOE					N/A		THOROUGHLY CLEAN AND REMOVE POWDERY OXIDE, GALVANIZED METAL PRIMER, TWO COATS LOW LUSTER ACRYLIC
	PAINT- ALUMINUM					BY OWNER	N/A		THOROUGHLY CLEAN AND REMOVE POWDERY OXIDE; ALUMINUM PRIMER, TWO COATS SEMI-GLOSS ACRYLIC ENAMEL
	PAINT- DRYWALL IN HIGH HUMIDITY AREAS								HIGH ADHESION INTERIOR PRIMER, TWO COATS LOW LUSTER LATEX ENAMEL SATIN

ROOM FINISH SCHEDULE

NO.	RM. NAME	WALLS: FLOOR (VINYL TILE; STAINED CONCRETE; CERAMIC TILE; QUARRY TILE; CARPET)	WALLS: BASE (VINYL; CERAMIC TILE COVED; QUARRY COVED; WOOD PAINTED; WOOD STAINED; GWB PAINTED; CERAMIC TILE WAINSCOT 4'H; PAINT EXISTING)	WALLS: NORTH (GWB PAINTED; FRP FLOOR TO CEILING; CERAMIC TILE WAINSCOT 4'H; PAINT EXISTING)	WALLS: SOUTH (GWB PAINTED; FRP FLOOR TO CEILING; CERAMIC TILE WAINSCOT 4'H; PAINT EXISTING)	WALLS: EAST (GWB PAINTED; FRP FLOOR TO CEILING; CERAMIC TILE WAINSCOT 4'H; PAINT EXISTING)	WALLS: WEST (GWB PAINTED; FRP FLOOR TO CEILING; CERAMIC TILE WAINSCOT 4'H; PAINT EXISTING)	CEILING: MATERIALS (PAINTED GWB; 2 X 2 ACT; 2 X 4 VINYL FACED GYP; PAINTED EXPOSED)	HEIGHT	REMARKS
		1 2 3 4 5 6 7	1 2 3 4 5	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4		
101	DINING	X	X	X	X	X	X	X	EXISTING	
102	MECHANICAL	X	X	X	X	X	X	X	8'-0"	
103	TOILET	X	X	X	X	X	X	X	8'-0"	
104	HALLWAY	X	X	X	X	X	X	X	EXISTING	
105	MENS	X	X	X	X	X	X	X	8'-0"	
106	SERVICE	X	X	X	X	X	X	X	10'-0"	
107	DISHWASHING	X	X	X	X	X	X	X	10'-0"	
108	KITCHEN	X	X	X	X	X	X	X	10'-0"	

NOTES
1. PROVIDE DENS SHIELD BOARD BEHIND ALL TILE APPLICATIONS.
2. PROVIDE WATER RESISTANT GREEN BOARD AT ALL BATHROOM APPLICATIONS.

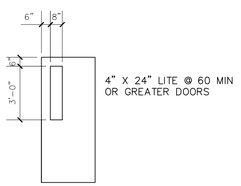
DOOR SCHEDULE

NO.	DOORS: SIZES (3'-0" X 7'-0" X 1 3/4"; 40" PRO TUFF SWINGING DOORS) 1 2 3 4 5	DOORS: TYPE	DOORS: MATERIALS (WOOD STAINED; WOOD PAINTED; HOLLOW METAL PAINTED; ALUMINUM; .375" METAL) 1 2 3 4 5	FRAMES: MATERIALS (WOOD STAINED; WOOD PAINTED; HOLLOW METAL PAINTED; ALUMINUM) 1 2 3 4 5	DETAILS (JAMB; HEAD; SILL; DOOR AND FRAME FIRE RATING)	REMARKS
101.1						EXISTING
101.2						EXISTING
102	X	C	X	X		
103	X	C	X	X		
105	X	C	X	X		
107.1	X	A	X	X X		TWO WAY HINGES
107.2	X	A	X	X		TWO WAY HINGES

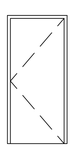
HARDWARE

NO.	LATCH: PANIC HARDWARE; PASSAGE	LOCK: PRIVACY; STOREROOM; OFFICE; ADAMS RITE; VONDUPRIN	HINGES: 1 1/2 PAIR; 2 PAIR; 3 PAIR: SELF CLOSING	CLOSER: LCN 4011 H_TBWMS PULL VERIFY HANDING; LCN 4111 H_TBWMS PUSH VERIFY HANDING	KICK: 12" METAL; 16" METAL	STOP: WALL BALDWIN 4045; FLOOR BALDWIN 4510	PUSH PLATE IVES 8200 3" X 12"	PULL IVES 8103-0	DEADBOLT	THRESHOLD	BI-FOLD	CYLINDER	WEATHERSTRIPPING	POCKET	FLUSH BOLTS TOP AND BOTTOM
101.1	X														
101.2	X														
102		X		X	X	X									
103		X		X		X									
105		X		X		X									
107.1			X			X									
107.2			X			X									

1. ALL HARDWARE @ ALUM DOORS BY ALUM DOOR SUPPLIER. HARDWARE BASED ON "KAWNEER", MFG TO SUPPLY CYLINDER.
2. ALUM DOOR HARDWARE SHALL MATCH DOOR FINISH.
3. ALUM DOORS AND DOOR FRAMES SHALL BE KAWNEER "HEAVY WALL" OR EQUAL, 0.188" WALL THICKNESS.
4. ALUM DOORS AND FRAMES SHALL BE GLAZED WITH TEMPERED GLASS, EXTERIOR DOORS AND FRAMES SHALL BE 1" INSULATED GLASS.
5. ALL HM OR WOOD DOORS AND FRAMES SHALL BE GLAZED WITH TEMPERED GLASS, EXCEPT FIRE RATED DOORS AND FRAMES.
6. FIRE RATED DOORS AND FRAMES SHALL BE GLAZED WITH LABELED FIRE/SAFETY RATED GLASS TO MATCH FIRE RATING AND AS FOLLOWS:
   20 & 45 MIN – 1296 SQ IN MAX GLASS SIZE.
   60 & 90 MIN – 100 SQ IN MAX GLASS SIZE.
7. FIRE RATED DOORS TO HAVE STEEL BALL BEARING HINGES.
8. WOOD DOORS TO BE 1¾" THICK.



A



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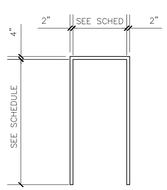
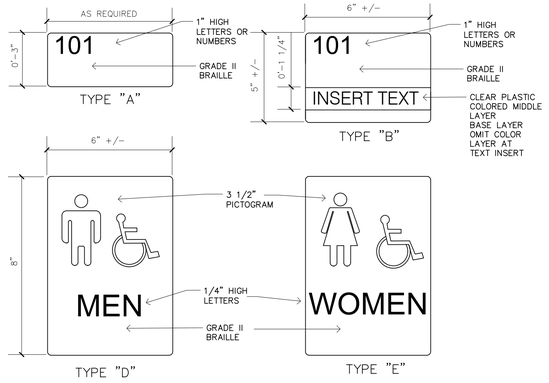


C

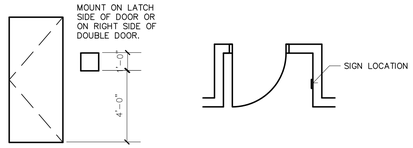
DOOR TYPES
SCALE: 1/4" = 1'-0"
ALL WINDOW GLAZING TO BE TEMPERED.

VERIFY ALL DIMENSIONS IN FIELD

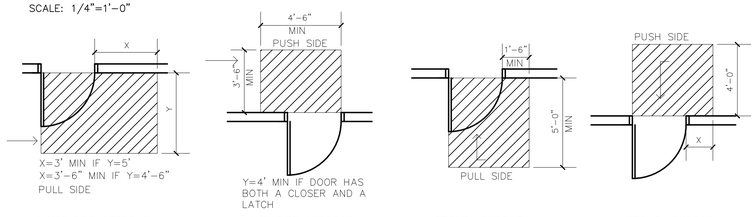


1. SIGN MATERIAL SHALL BE MAPLE AS MANUFACTURED AND SUPPLIED BY MODA: 248-306-0677.
2. LETTERS SHALL BE RAISED 1/32": DIMENSIONS SHALL BE 7" H X 9.75" W.
3. PICTOGRAMS AND LETTERS SHALL BE CONTRASTING COLOR.
4. COMPLY WITH CABO/ANSI A117.1-1998 SECTION 703 SIGNAGE.
5. RESTROOM SIGNAGE TO BE MODEL SA64 BY MODA
6. ROOM ID SIGNAGE TO MODEL SA65 BY MODA

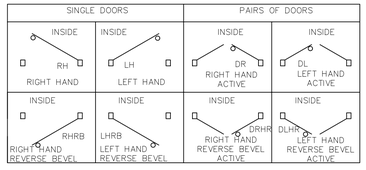
SIGNAGE



SIGN MOUNTING LOCATION
SCALE: 1/4"=1'-0"



BARRIER FREE DOOR APPROACH
SCALE: 1/4"=1'-0"



GLORIA JEAN CAFE
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HOPPE DESIGN, LLC
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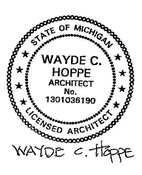
REVISIONS



PROJECT: 2203
DATE: 4.30.22
DRAWN: WCH
CHECKED: WCH

SCHEDULES

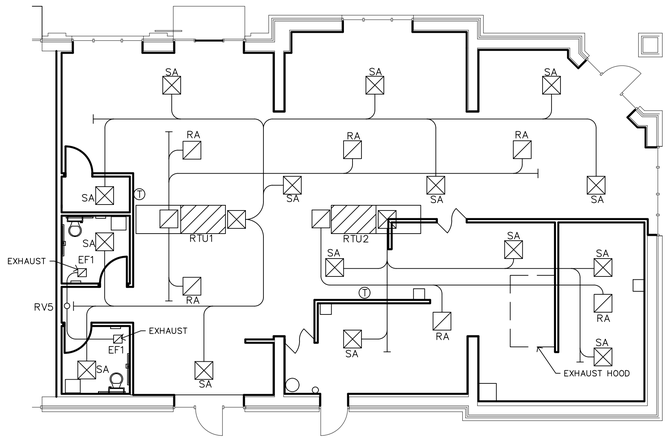
A501

LEGEND

- GATE VALVE
- GLOBE VALVE
- BALL VALVE
- CHECK VALVE
- 2–WAY CONTROL VALVE
- 3–WAY CONTROL VALVE
- LUBRICATED PLUG VALVE
- BAL. BALL VALVE W/ MEMORY STOP (MS)
- CIRCUIT SETTER
- PRESSURE REDUCING VALVE
- PRESSURE TEMP. TEST PORT (PT)
- PRESSURE GAUGE
- THERMOMETER
- EXPANSION JOINT W/ GUIDES
- AIR VENT (AV)
- Y–STRAINER
- PIPE FLEXIBLE CONNECTOR
- CONN. TO EXIST.
- DUCT FLEXIBLE CONNECTOR
- EXIST. FIRE DAMPER
- NEW FIRE DAMPER
- EXIST. SMOKE DAMPER
- NEW SMOKE DAMPER
- EXIST. COMB. FIRE SMOKE DMPR
- NEW COMB. FIRE/SMOKE DMPR
- MARK / CFM — SUPPLY DIFFUSER
- RETURN GRILLE
- EXHAUST GRILLE

MECHANICAL NOTES

1. ALL WORK IS TO BE PROVIDED AND PERFORMED ACCORDING TO ALL STATE AND LOCAL CODES.
2. ALL EXHAUST OUTLETS AND OUTSIDE AIR INLETS SHALL BE A MINIMUM OF 15' APART.
3. EQUIPMENT NOISE SHALL NOT EXCEED 55 DECIBELS AT THE LOT LINE.
4. ALL DUCT WORK SHALL BE FABRICATED OF SHEET METAL AND IN ACCORDANCE WITH SMACNA STANDARDS.
5. ALL FLEX DUCT WORK SHALL BE THE INSULATED TYPE AND RUNS SHALL NOT EXCEED 6' MAXIMUM LENGTH. CONTRACTOR MAY USE FLEX DUCT TO CONNECT TO SUPPLY GRILLES.
6. PROVIDE MANUAL VOLUME DAMPER IN EACH BRANCH FOR BALANCING.
7. PROVIDE FIRE DAMPER WHERE THE DUCT PENETRATES THROUGH FIRE WALL.
8. RUN CONDENSATE LINE TO THE NEAREST FLOOR DRAIN.
9. CONTRACTOR TO FURNISH, LOCATE AND INSTALL THERMOSTAT FOR EACH ZONE.
10. INSTALL GAS PIPING, SIZES AS SHOWN.
11. EXISTING GAS PRESSURE TO BE VERIFIED BY THE CONTRACTOR AND SIZE GAS PIPING ACCORDINGLY.
12. DISCONNECT SWITCH SHALL BE PROVIDED WITH ALL UNITS.
13. PIPE SIZES ARE BASED ON 1# PRESSURE, CONTRACTOR TO FIELD VERIFY EXISTING GAS PRESSURE. VERIFY GAS PIPE SIZES, RESIZE IF NECESSARY.
14. CONTRACTOR TO PROVIDE GAS PRESSURE REGULATOR MAXITROL 325 SERIES FROM 1# DOWN TO 7" TO CONNECT GAS INLET OF HVAC UNITS OR AS RECOMMENDED BY THE MANUFACTURER OF THE EQUIPMENT.
15. CONTRACTOR SHALL ADD CAPACITY REQUIRED FOR ANY APPLIANCES.
16. MECHANICAL CONTRACTOR TO SIZE ALL DUCTWORK AND EQUIPMENT RELATED TO NEW HVAC SYSTEM TO PROVIDE COMPLETE SYSTEM THAT IS IN COMPLIANCE WITH ALL CODES AND REGULATIONS.
17. MECHANICAL DRAWINGS ARE SCHEMATIC ONLY. HVAC CONTRACTOR IS RESPONSIBLE TO LOCATE PATH OF NEW DUCTWORK TO OPTIMIZE SUPPLY AND RETURN.
18. NEW OUTSIDE AIR DUCT UP WITH MANUAL BALANCE DAMPER TO NEW ROOF MOUNTED ROOF VENT INSTALLED A MINIMUM OF 10' FROM ROOF EDGE AND FROM ANY PLUMBING VENT.
19. FOOD PREPARATION EXHAUST SHALL COMPLY WITH THE WAYNE COUNTY DEPARTMENT OF ENVIRONMENT.
20. THE MECHANICAL CONTRACTOR IS RESPONSIBLE FOR THE NEW ROOM TEMPERATURE SENSORS AND ALL NEW CONNECTIONS TO THE THERMOSTATS.
21. MAKE UP AIR UNIT TO BE INSTALLED PER NFPA 96. PROVIDE A MINIMUM OF 10' BETWEEN SUPPLY AIR INTAKE AND EXHAUST DISCHARGE. EXHAUST MUST BE A MINIMUM OF 24" ABOVE THE ROOF DECK.
22. PROVIDE DUCT DETECTORS AS REQUIRED BY CODE

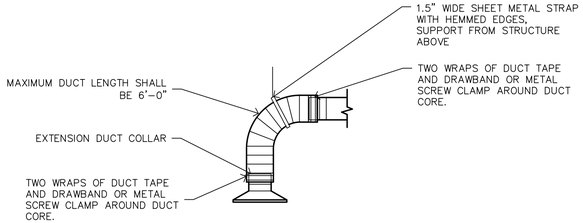


1 / M101 MECHANICAL PLAN

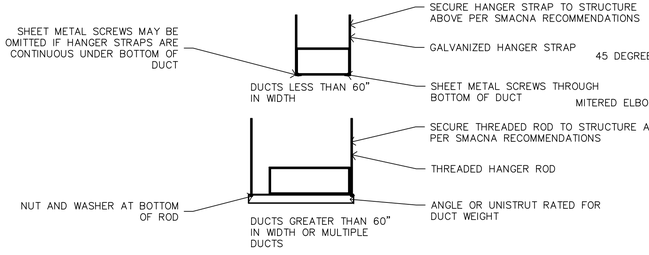
SCALE: 1/8" = 1'–0"

PROJECT NORTH

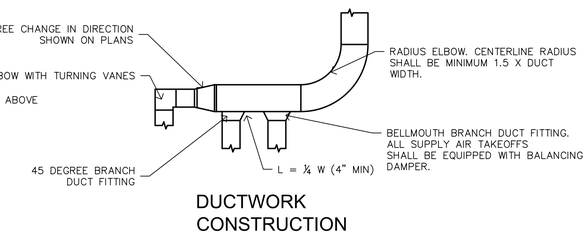
NOTES
1. PROVIDE ADEQUATE SUPPORT AND CURBS FOR ALL ROOF TOP MOUNTED EQUIPMENT
2. PROVIDE SPIRAL DUCT AT 10 TON UNIT
3. REPLACE EXIST 5 TON UNIT WITH 10 TON UNIT
4. MOVE EXIST 5 TON TO LOCATION OF EXIST 3 TON UNIT
5. PROVIDE NEW GAS SERVICE TO NEW 10 TON UNIT



FLEX DUCT INSTALLTION



DUCTWORK SUPPORT



DUCTWORK CONSTRUCTION

EXHAUST FAN SCHEDULE

TYPE	MANUFACTURER	CATALOG NO.	CFM	EST E.S.P.	VOLTS/ PHASE	MOTOR	ACCESSORIES
EF-1	COOK	GC144	75	0.5	120/1	98W	DM, GBD, CG, RC, HK

CG	WHITE ALUMINUM CEILING GRILLE	GK	GREASE TERMINATION KIT
DM	DISCONNECT MEANS	HB	HINGED BASE
GBD	GRAVITY BACKDRAFT DAMPER	RC	18" INSULATED ROOF CURB
VSC	VARIABLE SPEED CONTROLLER	HK	HANGING KIT WITH VIBRATION INSULATOR

GRILLES, REGISTERS AND DIFFUSERS SCHEDULE

TYPE	MANUFACTURER	CATALOG NO.	APP	FINISH	FRAME TYPE	VOLUME DAMPER	MAX NC (DB)	MIN THROW (FT)	MAX THROW (FT)	MAX PRESS. DROP
A	TITUS		SUP	WHITE	T-BAR/ FLANGE	YES	30	8	24	0.1
B	TITUS		RET	WHITE	T-BAR/ FLANGE	NO	30	-	-	0.1
C	TITUS		SUP	WHITE	FLANGE	NO	30	23	60	0.1

EXH EXHAUST RET RETURN SUP SUPPLY

1. THROWS ARE BASED ON 50 FEET PER MINUTE VELOCITY
2. OPPOSED BLADE DAMPERS SHALL BE PROVIDED ON ALL DIFFUSERS REQUIRING BOLUME DAMPERS
3. PROVIDE T-BAR OR FLANGE FRAME AS NOTED BY "T" OR "F" DESIGNATION IN DIFFUSER TAG ON PLANS

ROOF VENT SCHEDULE

TYPE	MANUFACTURER	CATALOG NO.	CFM	CHANGE OF P	THROAT VEL (FPM)	THROAT VEL (SQ FT)	ACCESSORIES
RV1	COOK	PR8	150	0.1	385	0.39	RC
RV2	COOK	PR8	150	0.1	385	0.39	RC
RV3	COOK	PR12	600	0.15	706	0.85	RC
RV4	COOK	PR8	150	0.1	385	0.39	RC
RV5	COOK	PR8	150	0.1	385	0.39	RC

GBD	GRAVITY BACKDRAFT DAMPER
MBD	MOTORIZED BACKDRAFT DAMPER
RC	ROOF CURB

ROOFTOP UNIT

UNIT	MANUFACTURER	MODEL	HTG INPUT	CAPACITY	VOLTAGE	GAS	REMARKS
RTU1	TRANE	T/YSC120F3, 4, W	250MBH 2 STAGE	10 TON	208-230V/3PH60	3/4"	1, 2
RTU2	TRANE	T/YSC060E3, 4, W	130MBH	5 TON	208-230V/3PH60	1/2"	1, 2: RELOCATE EXISTING 5 TON

1. ECONOMIZER
2. PROVIDE HONEYWELL FILTERS AND DRAIN PAN

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REVISIONS

STATE OF MICHIGAN — WAYDE C. HOPPE — ARCHITECT — No. 1301036190 — LICENSED ARCHITECT

Wayde C. Hoppe

PROJECT: 2203
DATE: 4.30.22
DRAWN: WCH
CHECKED: WCH

HVAC PLAN

M101

LEGEND

- GATE VALVE
- GLOBE VALVE
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- CHECK VALVE
- 2–WAY CONTROL VALVE
- 3–WAY CONTROL VALVE
- LUBRICATED PLUG VALVE
- MS BAL. BALL VALVE W/ MEMORY STOP
- CIRCUIT SETTER
- PRESSURE REDUCING VALVE
- PT PRESSURE TEMP. TEST PORT
- PRESSURE GAUGE
- THERMOMETER
- EXPANSION JOINT W/ GUIDES
- AV AIR VENT
- Y–STRAINER
- PIPE FLEXIBLE CONNECTOR
- CONN. TO EXIST.
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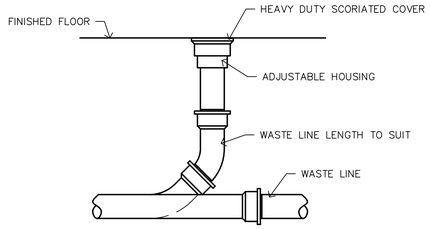
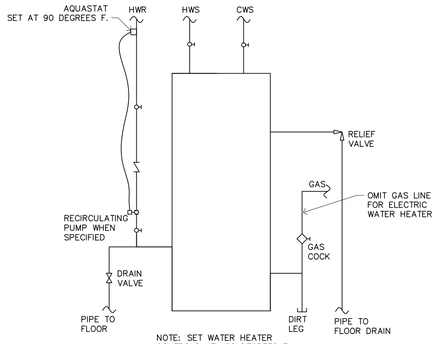
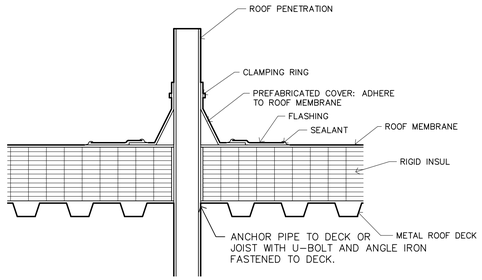


3 / P101 FLOOR CLEANOUT
SCALE: 1"=1'–0"



4 / P101 SCALE: 1"=1'–0"



LOCATE VTR MINIMUM OF THREE FEET FROM PROPERTY LINE, TEN FEET HORIZONTAL, OR THREE FEET VERTICAL ABOVE ANY BUILDING OPENING OR FRESH AIR INTAKE; ONE FOOT FROM ANY VERTICAL SURFACE. LOCATE VTR MINIMUM 15' FROM PARAPET, EXPANSION JOINT, ROOF DRAINS, ADJACENT WALLS, EQUIPMENT CURB, OR OTHER ROOF FEATURE. OFFSET IN CEILING SPACE WHERE REQUIRED TO MEET THESE CONDITIONS. INSULATE LAST 6 FEET OF VENT PIPE INSIDE BUILDING.

5 / P101 SCALE: 1 1/2"=1'–0"

FIRE SUPPRESSION

PROVIDE NEW FULLY OPERATIONAL AUTOMATIC SPRINKLER SYSTEM THROUGHOUT ENTIRE DEVELOPMENT TO COMPLY WITH NFPA 13, STATE AND LOCAL CODES AND FACTORY MUTUAL. CONTRACTOR IS RESPONSIBLE TO ACQUIRE HIS OWN FLOW READINGS FOR PURPOSES OF DESIGN. CONTRACTOR IS TO ENGINEER AND INSTALL THE SYSTEM TO PROVIDE PROPER COVERAGE. PROVIDE SCALED AND SEALED DRAWINGS INDICATING THE LOCATION OF ALL SPRINKLER HEADS AND HOW ALL HEADS INTERFACE WITH THE CEILING MATERIAL, ELECTRICAL SYSTEMS AND HVAC SYSTEMS. SPRINKLER HEADS SHALL BE CENTERED ON CEILING TILES. LAYOUT DRAWINGS SHALL INCLUDE PIPE SIZES AND LOCATIONS, ELEVATIONS AND SLOPES OF HORIZONTAL RUNS, COORDINATION OF PIPING WITH OTHER SYSTEMS AND HANGER LOCATIONS. DRAWINGS AND CALCULATIONS SHALL BEAR THE NAME AND SEAL OF A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF CONSTRUCTION. PROVIDE A COMPLETE SYSTEM AS REQUIRED BY THE LOCAL AUTHORITIES. SUBMIT TO THE AUTHORITY HAVING JURISDICTION FOR APPROVAL. WITHIN 30 DAYS OF ISSUANCE OF BUILDING PERMIT, SUBMIT TO THE OWNER ONE APPROVED COPY BEARING THE STAMP AND SIGNATURE OF THE AGENCY HAVING JURISDICTION BEFORE PROCEEDING WITH INSTALLATION. HEADS TO BE WHITE RECESSED.

PLUMBING NOTES

1. PLUMBING CONTRACTOR RESPONSIBLE TO SIZE ALL WASTE, SUPPLY, VENTS, DRAINS, TRAPS, ETC TO PROVIDE COMPLETE SYSTEM THAT IS IN COMPLIANCE WITH ALL CODES AND REGULATIONS.
2. THE PLUMBING DRAWINGS ARE SCHEMATIC ONLY. THE PLUMBING CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE FINAL LAYOUT AND ROUTING OF PIPING.
3. NO PLUMBING PIPING SHALL BE ROUTED OVER ELECTRICAL PANELS.
4. PLUMBING CONTRACTOR SHALL CONTACT THE SERVICE PROVIDER AND ARRANGE FOR NEW GAS SERVICE CONNECTION.
5. PLUMBING CONTRACTOR SHALL CONTACT THE MUNICIPAL AUTHORITY TO ARRANGE FOR NEW WATER SERVICE CONNECTION.
6. PROVIDE CLEANOUTS AT THE BASE OF ALL BASE STACKS, CHANGES IN DIRECTION GREATER THAN 45 DEGREES, AND 50 FEET ON CENTER FOR STRAIGHT RUNS.
7. ALL PLUMBING SHALL COMPLY WITH BARRIER FREE REQUIREMENTS.
8. PROVIDE TRAP PRIMERS FOR ALL FLOOR DRAINS.
9. WRAP ALL WATER PIPING WITH INSULATED PIPE WRAP.
10. ALL LAMBS TONGUE DISCHARGE TO BE 36" ABOVE ADJACENT GRADE.
11. PLUMBING CONTRACTOR TO VERIFY MICHIGAN PLUMBING CODE AND COUNTY HEALTH DEPARTMENT REQUIREMENT FOR BACKFLOW PREVENTERS, CHECK VALVES, VACUUM BREAKERS, AND INDIRECT WASTEWATER CONNECTIONS.

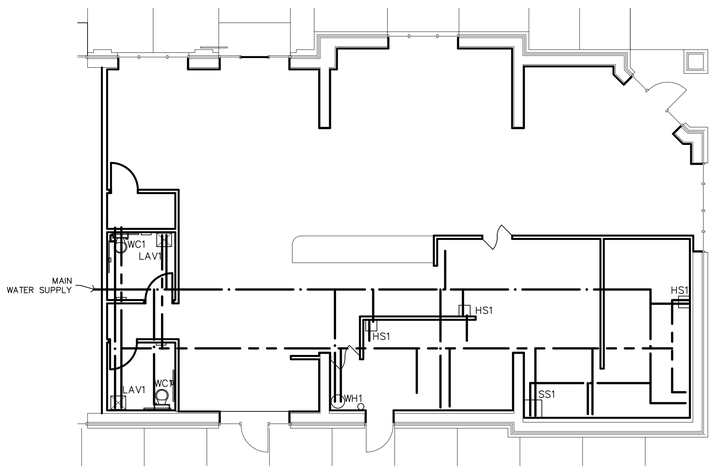
PLUMBING PIPING REQUIREMENTS

	HW	CW	WASTE
WATER CLOSET TANK	–	1/2"	3"
WATER CLOSET FLUSH VALVE	–	1"	3"–4"
URINALS	–	3/4"	2"
SERVICE SINK	3/4"	3/4"	3"
ELECTRIC WATER COOLER	–	1/2"	1 1/2"
WASH BASIN	3/4"	1/2"	1 1/2"
SINKS/LAVATORIES	3/4"	1/2"	1 1/2"
SHOWER STALLS	3/4"	3/4"	3"
FLOOR DRAIN			3"

NOTE: PIPE SIZES SHOWN ARE MINIMUM STANDARD. PC SHALL VERIFY VARIANCES ON PLAN.

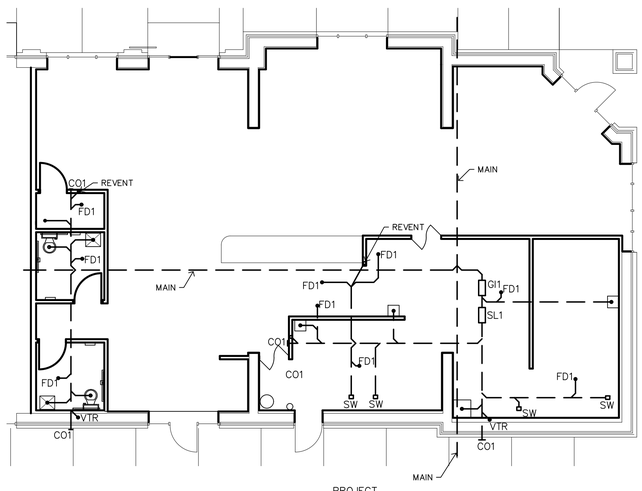
PLUMBING FIXTURE SCHEDULE

TAG	ITEM	MFR	MODEL NAME AND DESCRIPTION	FITTINGS	FLOW	WSFU'S C	WSFU'S H	DFU'S	MIN PIPE CONNECTION SIZES W	V	CW	HW	REMARKS	COLOR
WC1	WATER CLOSET	KOHLER	K-84325-L WALL HUNG ELONGATED WATER CLOSET WITH EXPOSED BATTERY SENSOR FLUSH VALVE WITH OVER-RIDE, WHITE OPEN FRONT TOILET SEAT, LESS COVER, WITH STAINLESS STEEL CHECK HINGE.	K-7531 EXPOSED HYBRID TOUCHLESS BATTERY POWERED FLUSH VALVE	1.28 GPF	10		4	4"	2"	1"	-	BARRIER FREE COMPLIANT; EXPOSED TOP SPUD CONNECTION; ZURN Z1201 SERIES CLOSET CARRIER, 500 LB SEAT CAPACITY	WHITE
LAV-2	LAVATORY	KOHLER	K-1721 WALL HUNG SINK WITH GRID DRAIN; P-TRAP; STOP SUPPLY KIT; TRAP WRAP AND ASSE 1070 THERMOSTATIC MIXING VALVE	K-13460 TOUCHLESS FAUCET, CR-19 STOPS, AND SUPPLIES, OFFSET GRID DRAIN, 17 GA C.P. P-TRAP	0.5 GPM	1.5	1.5	1	1 1/2"	1 1/2"	1/2"	1/2"	BARRIER FREE COMPLIANT; BARRIER FREE TRAP, TRUEBRO LAV GUARD HW INSUL. KIT; SOLID BRASS FAUCET; Z1231 LAV CARRIER WITH UPRIGHTS	WHITE
FD-1	FLOOR DRAIN	ZURN	Z415	5" DIA. N.B. STRAINER										
GI-1	GREASE INTERCEPTOR	ZURN	Z1165; PC TO VERIFY SIZE										SIZE 300, LESS SOLIDS, 10 GPM FLOW, 21 GAL, WTR, 20 LBS GREASE	
SI-1	SOLIDS INTERCEPTOR	ZURN	Z1181; PC TO VERIFY SIZE										2" OUTLET AND INLET	
HS-1	HANDWASH SINK	ADVANCE TABCO	7-PS-EC-SP HANDWASH SINK	K-13460 TOUCHLESS FAUCET, CR-19 STOPS AND SUPPLIES, OFFSET GRID DRAIN, 17 GA C.P. P-TRAP	0.5 GPM	1.5	1.5	1	1 1/2"	1 1/2"	1/2"	1/2"	BARRIER FREE COMPLIANT; BARRIER FREE TRAP, TRUEBRO LAV GUARD HW INSUL. KIT; SOLID BRASS FAUCET; Z1231 LAV CARRIER WITH UPRIGHTS	
SW	SAFE WASTE	ZURN	Z1900											
CO-1	FLOOR CLEAN OUT	ZURN	ZN1400-3NH-5BZ1 cast iron cleanout with 5" round nickel bronze adjustable top up to 1-1/4 of vertical post pour adjustment, tilt correction shims and rough-in cover	Nickel Bronze top, cast iron body									2", 3", 4", 6"	
WHA	WATER HAMMER ARRESTOR	ZURN	1250	COPPER									INSTALL AS REQUIRED BY THE PLUMBING CODE	



1 / P101 SUPPLY PLUMBING PLAN
SCALE: 1/8" = 1'–0"

PROJECT NORTH



2 / P101 UNDERGROUND PLUMBING PLAN
SCALE: 1/8" = 1'–0"

PROJECT NORTH

GLORIA JEAN CAFE
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HOPPE DESIGN, LLC
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REVISIONS

STATE OF MICHIGAN
WAYDE C. HOPPE
ARCHITECT
No. 1301036190
LICENSED ARCHITECT

WAYDE C. Hoppe

PROJECT: 2203
DATE: 4.30.22
DRAWN: WCH
CHECKED: WCH

PLUMBING PLANS

P101

LEGEND

- S_D — SWITCH ON RHEOSTAT
- S_3 — THREE WAY SWITCH
- S_P — SWITCH WITH PILOT
- S — SWITCH
- SPECIAL OUTLET
- DUPLEX OUTLET
- QUAD OUTLET
- WP — WEATHERPROOF OUTLET
- GROUND FAULT INTERUPTER
- TELEPHONE/ COMPUTER
- SMOKE DETECTOR
- TELEVISION/ CABLE
- CEILING MOUNTED LIGHT FIXTURE
- R — CEILING MOUNTED LIGHT FIXTURE RECESSED
- WALL MOUNTED LIGHT FIXTURE
- CEILING FAN/ LIGHT
- SCONCE
- MOTOR, ONE PHASE
- GROUND MNTD EXT. LIGHTING
- 2x4 LAY IN LIGHT FIXTURE
- 1 X 4 LIGHT FIXTURE
- PENDANT MOUNTED OVERSIZED FIXTURE
- EXIT SIGN
- EXIT SIGN/ EMERGENCY LIGHT
- PS — FIRE ALARM PULL STATION
- HORN/ STROBE
- COMPUTER JACK
- RATE OF RISE HEAT DETECTOR
- DISCONNECT SWITCH
- DISCONNECT SWITCH WITH FUSE
- AUDIO JUNCTION BOX– PRE–WIRE PER DIRECTION OF OWNER

ELECTRICAL NOTES

1. ALL ELECTRICAL WORK SHALL COMPLY WITH THE N.E.C., COUNTY AND LOCAL CODES, ORDINANCES, AND REGULATIONS INCLUDING MIOSHA.
2. COORDINATE ALL UNDERGROUND WORK WITH NEW AND EXISTING UNDERGROUND UTILITES BEFORE INSTALLATIONS.
3. THE SECONDARY UNDERGROUND CONDUIT AND WIRE SHALL MEET THE REQUIREMENTS OF THE ELECTRIC UTILITY COMPANY.
4. ALL EMPTY CONDUITS SHALL BE PROVIDED WITH A 1/4" DIA. POLYPROPYLENE FISH LINE.
5. ALL UNDERGROUND CONDUITS SHALL BE INSTALLED 24" MINIMUM BELOW GRADE (UNLESS OTHERWISE SHOWN ON PLAN).
6. ALL EXPOSED CONDUIT SHALL BE RIGID GALVANIZED STEEL, INSTALLED WITH WATERTIGHT CONDUIT FITTINGS. EXPANSION FITTINGS SHALL BE PROVIDED AT ALL TRANSITIONS FROM UNDERGROUND TO EXPOSED CONDUIT.
8. ALL THREADED ELECTRICAL EQUIPMENT (CONDUIT, FITTINGS, BOLTS, SCREWS, ETC.) INSTALLED AT EXTERIOR SHALL BE COATED WITH ANTI–SEIZE COMPOUND PRIOR TO INSTALLATION.
9. ALL WEATHERPROOF (W.P.) DUPLEX RECEPTACLES SHALL BE INSTALLED SUCH THAT COVER DOORS OPEN UPWARD.
10. HAND DIG WHERE REQUIRED TO LOCATE EXISTING UTILITIES PRIOR TO INSTALLATION OF NEW UNDERGROUND CONDUITS FOR POWER AND LIGHTING.
11. PROVIDE A GREEN GROUND CONDUCTOR IN ALL SYSTEM CONDUITS, EXCEPT INSTRUMENT SIGNAL AND ALARM CONDUITS, INCLUDING BRANCH CIRCUIT CONDUITS FOR LIGHTING AND RECEPTACLES. GROUND CONDUCTOR SIZING SHALL BE PER N.E.C. TABLE 250.122 (MINIMUM) WHERE NOT SIZED ON THE DRAWINGS.
12. WIRE SIZE SHALL BE #12 (MINIMUM) AND CONDUIT SIZE SHALL BE 3/4" (MINIMUM) FOR ALL POWER AND LIGHTING CIRCUITS WHERE NOT SIZED ON THE DRAWINGS.
13. INSTALL SEPARATE GROUNDING CONDUCTOR TO ALL ISOLATED GROUND RECEPTACLES.
14. LOCATE JUNCTION BOXES PER MANUFACTURER'S REQUIREMENTS.
15. EXHAUST FANS TO BE PROVIDED WITH SPEED CONTROL LOCATED ABOVE THE CEILING. PROVIDE A SWITCH WITH A PILOT LIGHT.
16. VERIFY LOCATION OF ALL POWER, PHONE, AND DATA JUNCTION BOXES WITH THE OWNER.
21. ELECTRICAL CONTRACTOR TO COMPLY WITH NEC SECTION 110–C(A) AND (B) AND ALL TERMINATION CODE REQUIREMENTS.
22. EC TO SIZE ALL WIRING, CIRCUITING, JB'S, BREAKERS, SUB PANELS, ETC., TO PROVIDE A COMPLETE SYSTEM.
23. ELECTRICAL DRAWINGS ARE SCHEMATIC ONLY. EC IS RESPONSIBLE TO DETERMINE THE FINAL CONDUIT AND WIRING LAYOUT.

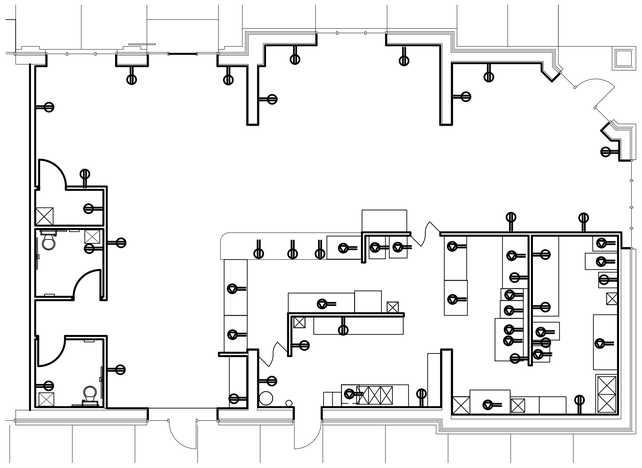
ELECTRICAL (X) KEYNOTES

1. OCCUPANCY SENSOR EQUAL TO WATTSTOPPER ST–200
2. EXHAUST FAN TO BE CONTROLLED WITH LIGHTS BY OCCUPANCY SENSOR.
3. INSTALL REMOTE EMERGENCY FIXTURE ABOVE DOOR.

LIGHT FIXTURE SCHEDULE

TYPE	MANUFACTURER	CATOLOG NUMBER	LAMPS	NO-WATTS	MOUNTED	REMARKS
A	BY OWNER	SELECTION BY OWNER	LED		132" PENDANT	3500K 80 CRI
B	LITHONIA	EPANL 2X2 3400LMHE 80CRI 35K MIN1	LED		SUSPENDED, LAY IN, SURFACE	POLYCARBONATE LENS
C	LITHONIA	MDP BNP (SHADE SELECTION BY OWNER)	LED		132" PENDANT	3500K 80 CRI
D	SHIPLIGHTS	H-12 MILK, BRASS, INTERIOR, NAUTICAL	LED		SCONCE	8' MOUNTING HEIGHT
E	JUNO	R600L NFL BL TLENS4 NFLD	LED		TRACK	35K
F	LITHONIA	LDN6 35 L06 WR LD MVOLT	LED		RECESSED	
EM	SURE LIGHTS	APEL	LED		WALL/CEILING	
XEM	SURE LIGHTS	APCH7R W/ APWR REMOTE HEAD	LED		WALL/CEILING	

VERIFY FIXTURE SELECTIONS WITH OWNER

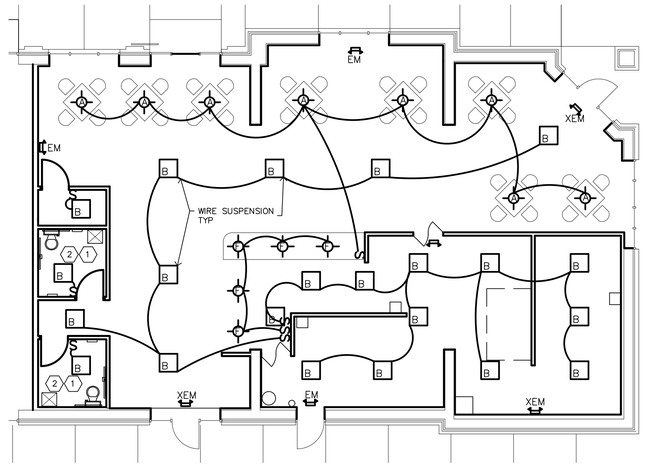


1 / E101 POWER PLAN

SCALE: 1/8" = 1'–0"

PROJECT NORTH

NOTE
1. ALL EXISTING AND NEW DUPLEX OUTLETS TO BE ON GFI PROTECTED CIRCUIT.
2. VERIFY HEIGHT OF ALL TV AND SIGNAGE JUNCTION BOXES AND POWER WITH CLIENT
3. PROVIDE POWER TO RTU'S, ROOFTOP COOLER COMPRESSOR, AND EXHAUST FANS



2 / E101 LIGHTING PLAN

SCALE: 1/8" = 1'–0"

PROJECT NORTH

STATE OF MICHIGAN
WAYDE C. HOPPE
ARCHITECT
No. 1301036190
LICENSED ARCHITECT

WAYDE C. HOPPE

LIGHTING AND POWER PLAN

E101

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REVISIONS

PROJECT: 2203
DATE: 4.30.22
DRAWN: WCH
CHECKED: WCH