HAZEN GARDENS

21864 W COUNTY LINE RD, BATTLE CREEK, MI 49017

PROJECT NOTES

1. CONSTRUCTION MUST COMPLY WITH ALL NATIONAL, STATE, AND LOCAL BUILDING CODES, AS WELL AS ALL LOCAL ORDINANCES.
2. DO NOT SCALE DRAWINGS. NOMINAL DIMENSIONS ARE SHOWN. REFER TO DETAILS, NOTES, SPECIFICATIONS AND PARTITION KEY FOR INFORMATION. CONTACT ARCHITECT IF ADDITIONAL INFORMATION IS REQUIRED.
3. EXISTING BUILDING INFORMATION WAS OBTAINED FROM THE OWNER AND ADDITIONAL FIELD MEASUREMENTS BY THE ARCHITECT. THE CONTRACTOR SHALL VERIFY ALL EXISTING FIELD CONDITIONS PRIOR TO COMMENCEMENT OF WORK. DRAWINGS MAY CONTAIN DISCREPANCIES DUE TO CONCEALED CONDITIONS, INACCURACIES IN THE ORIGINAL DRAWINGS, INACCESSIBLE LOCATIONS, UNRECORDED BUILDING ALTERATIONS AND OTHER CONFLICTING INFORMATION. INFORMATION OUTSIDE OF CONTRACT AREA IS RELATIVE AND FOR REFERENCE ONLY. ALWAYS VERIFY FIELD CONDITIONS BEFORE COMMENCING WORK. NOTIFY ARCHITECT IF FIELD CONDITIONS CONFLICT SUBSTANTIALLY WITH PROPOSED WORK.
4. INSTRUCTIONS FOR BUILDING CONSTRUCTION MAY BE LOCATED IN ANY PART OF THE CONSTRUCTION DRAWINGS. FAILURE OF THE GENERAL CONTRACTOR OR HIS SUB CONTRACTORS AND SUPPLIERS TO SEE INFORMATION IN ANY PART OF THE CONTRACT DOCUMENTS WILL NOT BE A VALID REASON FOR ISSUING A CHANGE ORDER.
5. ALL HOLES CREATED FROM ABANDONED DUCT, CONDUIT, ELEC. DEVICES, ETC., WHICH ARE IN VIEW AND ARE NOT SCHEDULED TO BE BOARDED OVER, OR ON A WALL TO BE DEMOLISHED, ARE TO BE FILLED AND PATCHED TO MATCH EXISTING.
6. PATCH AND REPAIR ALL EXISTING WALL SURFACES ADJACENT TO NEW WORK AS REQUIRED TO ACHIEVE AN UNINTERRUPTED SURFACE APPEARANCE. PATCH AND REPAIR ALL FLOORING FOR EXISTING BUILDINGS TO ACHIEVE A CONTINUOUS, SMOOTH, AND FLUSH FLOOR SURFACE.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SHORING REQUIRED TO EXECUTE WORK. THE CONTRACTOR SHALL COORDINATE ALL TEMPORARY CONSTRUCTION WITH THE ARCHITECT AND OWNER TO ASSURE A MINIMUM AMOUNT OF INTERRUPTION WITH THE OWNER'S ACTIVITIES.
8. IF THE PROJECT IS A REMODEL, THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING ALL SURFACES NOT BEING REMODELED IN THE PROJECT AND IN THE PATH OF THE CONTRACTORS TRAVEL, SETUP AND/ OR PROJECT MATERIAL STORAGE. THE CONTRACTOR MUST RETURN THE AREAS DISTURBED AS REQUIRED FOR ACCESS TO ITS PRE-EXISTING CONDITION.
9. THE CONTRACTOR AND ALL SUB-CONTRACTORS SHALL BE RESPONSIBLE TO OBTAIN AND PAY FOR ALL LOCAL/REQUIRED PERMITS AND INSPECTIONS.
10. ALL SAFETY ISSUES RELATED TO CONSTRUCTION ARE THE RESPONSIBILITY OF THE CONTRACTOR AND MUST COMPLY WITH ALL STATE, LOCAL, ENVIRONMENTAL AND LABOR LAWS DURING THE CONSTRUCTION OF THIS PROJECT.
11. ALL WORK TO BE GUARANTEED A MINIMUM OF ONE YEAR FROM THE DATE OF OWNER ACCEPTANCE OF WORK, EXCEPT WHERE MANUFACTURER'S GUARANTEE IS LONGER.
12. IF DISCREPANCIES OCCUR BETWEEN DRAWINGS AND FIELD CONDITIONS CONTACT THE ARCHITECT TO VERIFY HOW TO PROCEED BEFORE DOING SO.
13. SEE T001 FOR ADDITIONAL PROJECT NOTES, MOUNTING HEIGHTS, AND SYMBOLS
14. 3D VIEWS AND RENDERINGS ON THIS PAGE AND THROUGHOUT THE SET ARE FOR REFERENCE ONLY, VERIFY ALL CONSTRUCTION DETAILS THROUGHOUT THE ENTIRE SET OF DOCUMENTS
15. THE PROJECT SHALL CONFORM TO UNDERWRITERS LABORATORY FIRE RESISTANCE DIRECTORY AND BUILDING MATERIALS DIRECTORY.
16. ANY MATERIAL SUBSTITUTIONS TO A LISTED UL DESIGN NUMBER SHALL BE COORDINATED BY THE CONSTRUCTION MANAGER, CONTRACTOR, SUBCONTRACTOR AND/OR MATERIAL SUPPLIER FOR COMPLIANCE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL APPROVALS - FOR ANY MATERIALS SUBSTITUTION IN THE REQUIRED UL DESIGN ASSEMBLY - BY THE FIRE MARSHAL AND BUILDING INSPECTOR HAVING JURISDICTION PRIOR TO ACCEPTANCE.
17. FOR ANY CHANGE OF UL DESIGN NUMBER, OR ANY CHANGE IN MATERIAL(S) IN A UL DESIGN ASSEMBLY, IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE ALL OTHER RELATED MATERIALS OR ASSEMBLIES AFFECTED BY THE CHANGE OF MATERIAL OR UL DESIGN NUMBER ASSEMBLY.
18. PROVIDE COMPLETE UL APPROVED THROUGH-PENETRATION FIRESTOP SYSTEMS AT ALL RATED WALL PENETRATIONS.
19. PROVIDE FIRESTOPPING AS REQUIRED AT ALL OPENINGS FOR PLUMBING, CONDUIT, DUCTWORK, ETC AT FIRE RATED ASSEMBLIES.
20. REFER TO THE FLOOR PLANS FOR IDENTIFICATION OF ALL FIRE AND SMOKE-RATED PARTITIONS.

PROJECT DESCRIPTION

AN EXISTING POLE BARN IS TO BE CONVERTED INTO A GROW FACILITY.

DRAWING LIST

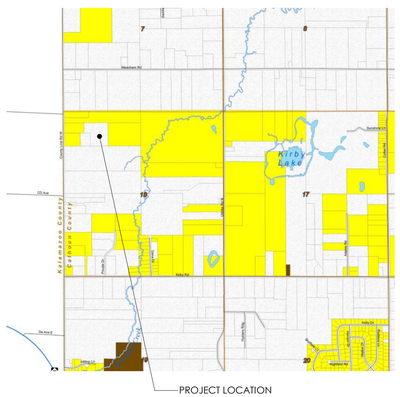
SHEET NUMBER	DRAWING TITLE	9/15/2022 - PERMIT SET
00 GENERAL		
T000	TITLE SHEET	X
T002	MOUNTING HEIGHTS + ABBREVIATIONS	X
T003	MOUNTING HEIGHTS CONTINUED	X
T004	CODE COMPLIANCE	X
T005	SECURITY PLAN	X
01 CIVIL		
C100	ARCHITECTURAL SITE PLAN	X
C101	SITE EASEMENT	X
02 ARCHITECTURAL		
A110	DEMOLITION PLANS	X
A120	NEW FLOOR PLANS	X
A200	REFLECTED CEILING PLANS	X
A210	ROOF PLAN	X
A300	EXTERIOR ELEVATIONS	X
04 MEP		
MEP101	MECH, ELEC, PLUMB SPECS/NOTES	X

Grand total: 13

EXISTING PHOTOS - FOR REFERENCE ONLY

ZONING MAP

ZONING - AA - AGRICULTURE



AREA MAP

DRIVEN DESIGN

ARCHITECT
Driven Design Studio PLLC
117 West Michigan Avenue
Battle Creek, MI 49017
(269) 753-8040
cody@drivendesignstudio.com

OWNER
HAZEN GARDENS
21864 W COUNTY LINE RD
BATTLE CREEK, MI

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PROJECT NAME
HAZEN GARDENS

PROJECT ADDRESS
21864 W COUNTY LINE RD, BATTLE CREEK, MI 49017

HAZEN GARDENS

ISSUE
CONSTRUCTION DOCUMENTS

REVISION

DRAWN BY CMN

DATE 7/18/2023 6:23:24 AM

SCALE

STAMP

STATE OF MICHIGAN
CODY NEWMAN
ARCHITECT
No. 1301065496
LICENSED ARCHITECT

PROJECT NUMBER
2022.150

TITLE SHEET
T000

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ABBREVIATION LIST

A	A/C	AIR CONDITIONING
A	A/V	AUDIO/VISUAL
A	ACP	ACOUSTICAL CEILING PANEL
A	AD	AREA DRAIN
A	ADA	AMERICANS WITH DISABILITIES ACT
A	ADJ	ADJUSTABLE
A	AFF	ABOVE FINISHED FLOOR
A	ALT	ALTERNATE
A	ALUM	ALUMINIUM
A	APPROX	APPROXIMATELY
A	ARCH	ARCHITECT(URAL, URE)
A	ASSOC	ASSOCIATED
A	AUTO	AUTOMATIC
A	AWP	ACOUSTICAL WALL PANEL
B	BD	BOARD
B	BF	BARRIER FREE
B	BIT	BITUMINOUS, BITUMEN
B	BLDG	BUILDING
B	BLKG	BLOCKING
B	BM	BEAM
B	BOT	BOTTOM
C	CAB	CABINET
C	CJ	CONTROL JOINT
C	CLG	CEILING
C	CLR	CLEAR(ANCE)
C	CMU	CONCRETE MASONRY UNIT
C	COL	COLUMN
C	COM	COMMUNICATIONS
C	CONC	CONCRETE
C	CONFIG	CONFIGURATION
C	CONST	CONSTRUCTION
C	CONT	CONTINUOUS
C	COORD	COORDINATE
C	CORR	CORRIDOR
C	CPT	CARPET
C	CT	CERAMIC TILE
C	CTR	CENTER
D	DEG	DEGREE
D	DF	DRINKING FOUNTAIN
D	DIA	DIAMETER
D	DIAG	DIAGONAL
D	DIM	DIMENSION
D	DIV	DIVISION
D	DN	DOWN
D	DR	DOOR
D	DS	DOWNSPOUT
D	DTL	DETAIL
D	DWG(S)	DRAWING(S)
E	E	EAST
E	EA	EACH
E	EJ	EXPANSION JOINT
E	EL	ELEVATION
E	ELEC	ELECTRICAL
E	ELEV	ELEVATION
E	EMER	EMERGENCY
E	ENCL	ENCLOS(E,URE)
E	EQ	EQUAL
E	EQUIP	EQUIPMENT
E	EST	ESTIMATE(D)
E	EXIST	EXISTING
E	EXP	EXPANSION
E	EXT	EXTERIOR
F	FA	FIRE ALARM
F	FD	FLOOR DRAIN
F	FDN	FOUNDATION
F	FE	FIRE EXTINGUISHER
F	FEC	FIRE EXTINGUISHER CABINET
F	FF	FINISHED FACE
F	FGL	FIBERGLASS
F	FHC	FIRE HOSE CABINET
F	FIXT	FIXTURE
F	FL	FLOOR(ING)
F	FLUOR	FLUORESCENT
F	FOC	FACE OF CONCRETE
F	FOS	FACE OF STUDS
F	FP	FIREPROOF(ING)
F	FT	FEET
F	FTG	FOOTING
F	FUR	FURR(ED,ING)
G	GA	GAUGE
G	GALV	GALVANIZED
G	GB	GRAB BAR
G	GC	GENERAL CONTRACT(OR)
G	GL	GLASS, GLAZING
G	GOVT	GOVERNMENT
G	GT	GROUT
G	GYP BD	GYPSUM WALLBOARD
H	HC	HOLLOW CORE
H	HDR	HEADER
H	HDWD	HARDWOOD
H	HDWR	HARDWARE
H	HGT	HEIGHT
H	HM	HOLLOW METAL
H	HORIZ	HORIZONTAL
H	HP	HIGH POINT
H	HR	HOUR
H	HT	HEIGHT
H	HVAC	HEATING, VENTILATION & AIR CONDITIONING
I	ID	INSIDE DIAMETER
I	IN	INCH(ES)
I	INCAN	INCANDESCENT
I	INCL	INCLUDE(D,ING)
I	INSUL	INSULATION, INSULATED
I	INT	INTERIOR
J	JAN	JANITOR
J	JT(S)	JOINT(S)
K	KIT	KITCHEN

ABBREVIATION LIST

L	LAM	LAMINATE(D)
L	LAV	LAVATORY
L	LBL	LABEL
L	LH	LEFT HAND
L	LL	LIVE LOAD
L	LP	LOW POINT
L	LTG	LIGHTING
L	LTL	LINTEL
M	MANF	MANUFACTURE(R)
M	MAS	MASONRY
M	MATL	MATERIAL(S)
M	MAX	MAXIMUM
M	MECH	MECHANICAL
M	MEMB	MEMBRANE
M	MIN	MINIMUM
M	MISC	MISCELLANEOUS
M	MO	MASONRY OPENING
M	MTD	MOUNTED
M	MTG	MOUNTING
M	MTL	METAL
N	N	NORTH
N	N/A	NOT APPLICABLE
N	NAT	NATURAL
N	NIC	NOT IN CONTRACT
N	NO	NUMBER
N	NOM	NOMINAL
N	NTS	NOT TO SCALE
O	OC	ON CENTER
O	OD	OUTSIDE DIAMETER
O	OH	OVERHEAD
O	OPNG	OPENING
O	OPP	OPPOSITE
O	OPP HD	OPPOSITE HAND
P	PART	PARTITION
P	PC	PRECAST
P	PERF	PERFORATE(D)
P	PL	PLATE
P	PLAM	PLASTIC LAMINATE
P	PLAS	PLASTER
P	PLWD	PLYWOOD
P	PNL	PANEL(ED)
P	PR	PAIR
P	PREP	PREPARE (SURFACE)
P	PROV	PROVIDE
P	PSF	POUNDS PER SQUARE FOOT
P	PSI	POUNDS PER SQUARE INCH
P	PT	PAINT
P	PVMT	PAVEMENT
Q	QTY	QUANTITY
R	R	RISER
R	RAD	RADIUS
R	RB	RUBBER BASE
R	REF	REFRIDGERATOR
R	REINF	REINFORCED
R	REQD / REQ'D	REQUIRED
R	RES	RESILIENT
R	RET	RETAINING
R	REV	REVISION(S) / REVISE(D)
R	RFG	ROOFING
R	RH	RIGHT HAND
R	RM	ROOM
R	RO	ROUGH OPENING
S	S	SOUTH
S	SC	SOLID CORE
S	SCHED	SCHEDULE
S	SECT	SECTION
S	SF	SQUARE FEET
S	SHT	SHEET
S	SIM	SIMILAR
S	SPEC(S)	SPECIFICATION(S)
S	SQ	SQUARE
S	SS	STAINLESS STEEL
S	STD	STANDARD
S	STL	STEEL
S	STN	STAIN
S	STO	STORAGE
S	STRUC	STRUCTURAL
S	SUSP	SUSPENDED
S	SYM	SYMMETRICAL
S	SYS	SYSTEM
T	T	TREAD
T	T&G	TONGUE AND GROOVE
T	T.O.	TOP OF
T	TECH	TECHNOLOGY
T	TEL	TELEPHONE
T	TEMP	TEMPERED
T	THK	THICK(NESS)
T	THRESH	THRESHOLD
T	TOC	TOP OF CURB
T	TOM	TOP OF MASONRY
T	TOS	TOP OF STEEL
T	TOW	TOP OF WALL
T	TRANS	TRANSPARENT
T	TV	TELEVISION
T	TYP	TYPICAL
U	UL	UNDERWRITER'S LABORATORY
U	UNFIN	UNFINISHED
U	UNO	UNLESS OTHERWISE NOTED
V	VAR	VARIES
V	VCT	VINYL COMPOSITION TILE
V	VERT	VERTICAL
V	VEST	VESTIBULE
V	VIF	VERIFY IN FIELD
V	VU	VENTILATION UNIT
V	VWC	VINYL WALLCOVERING

ABBREVIATION LIST

W	W	WATER RESISTANT
W	W/	WITH
W	W/O	WITHOUT
W	WC	WATER CLOSET
W	WD	WOOD
W	WDW	WINDOW
W	WH	WALL HUNG
W	WP	WORK POINT
W	WR	PAINT(ED)
W	WT	WEIGHT
W	WWF	WELDED WIRE FABRIC
Z	#	NUMBER
Z	&	AND
Z	+/-	EXIST (OR APPROX) DIM - VIF
Z	CL	CENTER LINE
Z	L	ANGLE

INTERIOR STEEL STUD FRAMING

THE INTERIOR STUD FRAMING GUIDE DESIGNATES THE DESIGN INTENT OF THE ARCHITECT. THE GUIDE IS FOR THE CONTRACTORS REFERENCE WHEN INSTALLING INTERIOR STUD FRAMED WALLS. IT IS THE CONTRACTORS RESPONSIBILITY TO FOLLOW ALL INFORMATION PORTRAYED WITHIN THIS GUIDE AND THE CONTRACT DOCUMENTS.

NOTE: VERIFY MIN. STEEL STUD FRAMING GAUGE REQUIREMENTS /MAXIMUM ALLOWABLE HEIGHTS WITH STEEL STUD FRAMING SUPPLIER.

*FIRE BLOCKING TO BE PROVIDED HORIZONTALLY AT 10'-0" O.C. MAX, FIRE CAULK AROUND BLOCKING, IF METAL STUDS ARE USED A MINIMUM OF 20 GA. STUDS MUST BE UTILIZED.

MAXIMUM ALLOWABLE HEIGHTS (NON-LOAD BEARING - METAL STUDS)

STEEL STUD FRAMING SECTION 092216			COLD-FORMED MT'L FRAMING SECTION 054000			
SIZE \ GA.	25	20	18	16	14	12
2 1/2"	9'-10"	11'-2"	12'-7"	13'-5"	14'-4"	--
3 5/8"	12'-4"	14'-3"	16'-8"	17'-11"	19'-2"	21'-2"
6"	17'-11"	21'-4"	24'-9"	26'-7"	28'-4"	31'-8"
2 1/2" CH STUD	10'-7"	13'-4"	--	--	--	--

* DEFLECTION = L/360
* SPACING = 16" O.C.

GENERAL NOTES

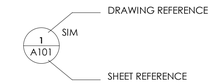
*THE MOUNTING HEIGHTS, MATERIALS, AND SYMBOLS SHOWN ON THIS PAGE ARE FOR REFERENCE THROUGHOUT THE PROJECT. NOT ALL ELEMENTS SHOWN WILL APPLY TO THIS SPECIFIC PROJECT. REVIEW THE PROJECT PLANS, SECTIONS, AND ELEVATIONS FOR ADDITIONAL DETAILS AND TO VERIFY WHAT RELATES TO THIS PROJECT.

MATERIAL DESIGNATIONS & SYMBOLS

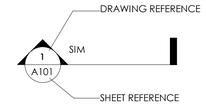
EXISTING WALL TO REMAIN
NEW WALL
1 HOUR PARTITION
2 HOUR PARTITION
3 HOUR PARTITION
ELEMENTS TO BE REMOVED
EXTENT OF WORK
CMU
CONCRETE
WOOD BLOCKING
STEEL (LARGE SCALE)
PLASTER
RIGID INSULATION
PLYWOOD
MILLWORK

Room name 101 — ROOM NUMBER / FINISH TYPE
1i — DOOR NUMBER
1i — WALL TYPES
1t — WINDOW NUMBER
EXISTING ELEVATION
NEW ELEVATION
BATT INSULATION
1 — COLUMN CENTER LINE / IDENTIFIER
REVISION INDICATION

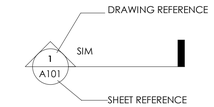
DETAIL / PLAN / ELEVATION



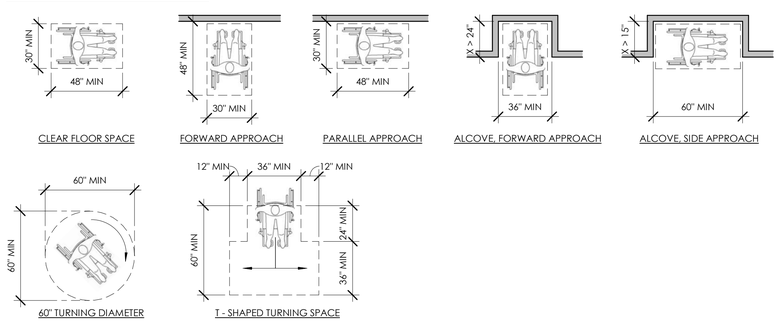
BLDG SECTION CUT



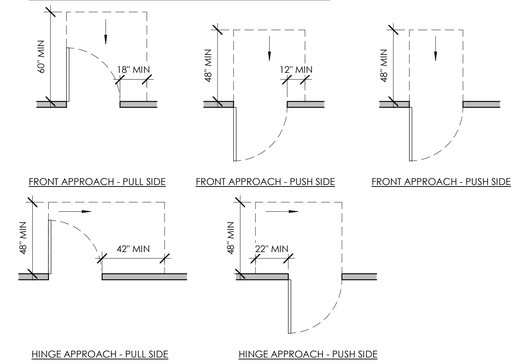
WALL SECTION



REQUIRED CLEARANCES



REQUIRED PUSH/PULL CLEARANCES



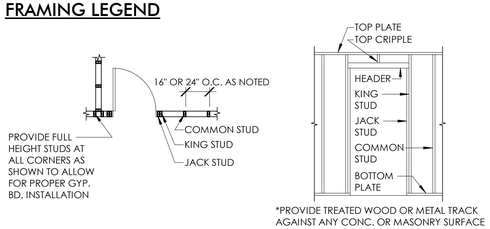
TYPICAL MOUNTING HEIGHTS

1. MOUNTING HEIGHTS SHOWN ARE BASED UPON RECOGNIZED DESIGN STANDARDS AND/OR BARRIER FREE CODE REQUIREMENTS. IT IS INTENDED THAT LIKE DEVISES ALL BE MOUNTED AT THE SAME HEIGHT THROUGHOUT THE ENTIRE PROJECT. RECESSED DEVICES IN MASONRY WALLS MAY DICTATE A DEVIATION (+/- 2") FROM THESE HEIGHTS (WHEN PERMITTED BY CODE) SO AS TO ALLOW THE BOTTOM OR THE TOP OF THE DEVICE RECESS TO ALIGN WITH MASONRY COURSING. COORDINATE THESE DEVIATIONS WITH THE ARCHITECT'S/OWNER'S REPRESENTATIVE. MOUNTING HEIGHTS ARE TYPICAL UNLESS NOTED OTHERWISE ON DRAWINGS.

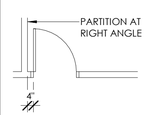
DIMENSIONING

1. DIMENSIONS ARE FROM FINISHED FACE TO FINISHED FACE, UNLESS NOTED OTHERWISE. SEE DIMENSIONING KEY ON THIS PAGE FOR REFERENCE

FRAMING LEGEND

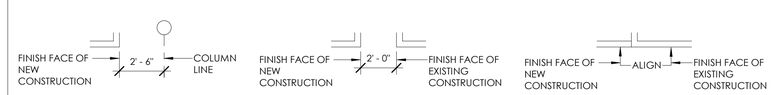


DIMENSIONING KEY



*IF THE DOOR IS NOT AGAINST A RIGHT ANGLE PARTITION OR EXISTING, IT IS TO BE CENTERED IN THE ROOM, U.N.O.

DIMENSIONING SYSTEM (UNLESS NOTED OTHERWISE)



DRIVEN DESIGN

ARCHITECT
Driven Design Studio PLLC
117 West Michigan Avenue
Battle Creek, MI 49017
(269) 753-8040
cody@drivendesignstudio.com

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PROJECT ADDRESS
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HAZEN GARDENS

ISSUE
CONSTRUCTION DOCUMENTS

REVISION

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DATE 7/18/2023 6:23:25 AM
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PROJECT NUMBER
2022.150

MOUNTING HEIGHTS + ABBREVIATIONS

T002

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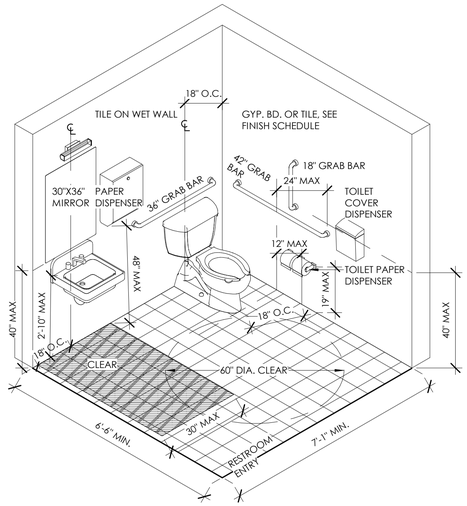
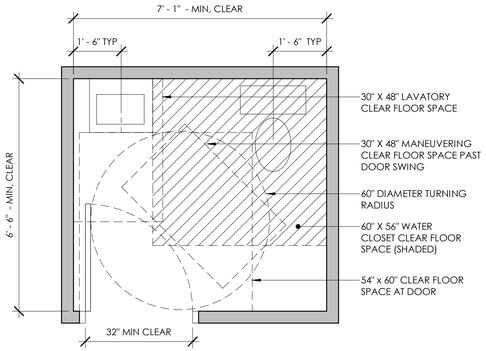
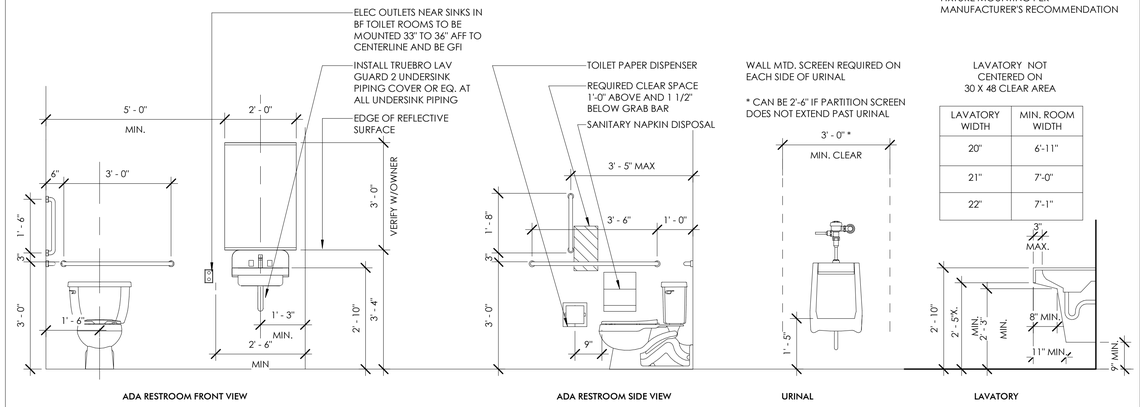


ADA RESTROOM AXON - NTS



ADA RESTROOM PLAN - NTS

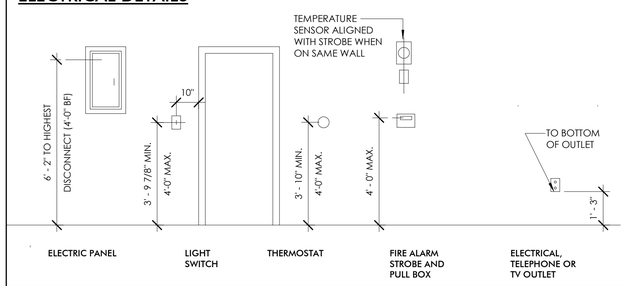
*NOTE: PROVIDE BLOCKING AS REQUIRED FOR ALL GRAB BARS AND FIXTURE MOUNTING PER MANUFACTURER'S RECOMMENDATION



LAVATORY WIDTH	MIN. ROOM WIDTH
20"	6'-11"
21"	7'-0"
22"	7'-1"

RESTROOM DETAILS - NTS

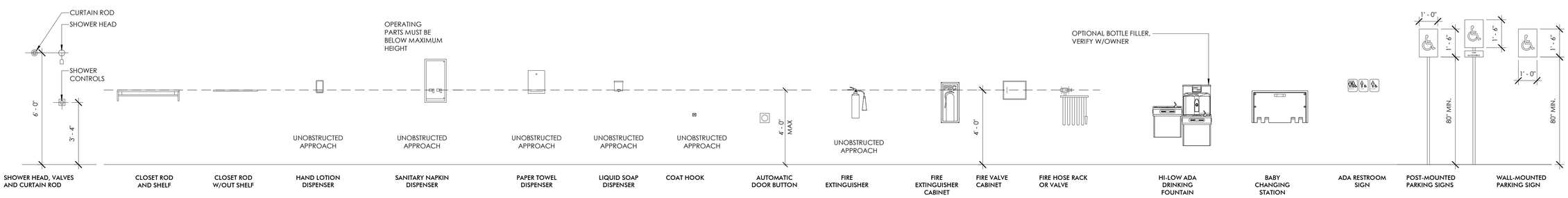
ELECTRICAL DETAILS



ACCESSORIES SCHEDULE

TYPE MARK	DESCRIPTION	MANUFACTURER	MODEL	COMMENTS
GB-1	18" VERTICAL GRAB BAR	BRADLEY CORP.	812-001-18	
GB-2	36" GRAB BAR	BRADLEY CORP.	812-001-36	
GB-3	42" GRAB BAR	BRADLEY CORP.	812-001-42	
MI-1	MIRROR	BRADLEY CORP.	748-2436	
PTD-1	PAPERTOWEL DISPENSER	BRADLEY CORP.	250-15	
SD-1	SOAP DISPENSER	BRADLEY CORP.	6562	
SND-1	SANITARY NAPKIN DISPOSAL	BRADLEY CORP.	4A10	
TTD-1	TOILET TISSUE DISPENSER	BRADLEY CORP.	5084	

MOUNTING HEIGHTS



DRIVEN DESIGN

ARCHITECT
Driven Design Studio PLLC
117 West Michigan Avenue
Battle Creek, MI 49017
(269) 753-8040
cody@drivendesignstudio.com

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PROJECT NAME
HAZEN GARDENS

PROJECT ADDRESS
21864 W COUNTY LINE RD, BATTLE CREEK, MI 49017

HAZEN GARDENS

ISSUE
CONSTRUCTION DOCUMENTS

REVISION

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MOUNTING HEIGHTS CONTINUED

T003

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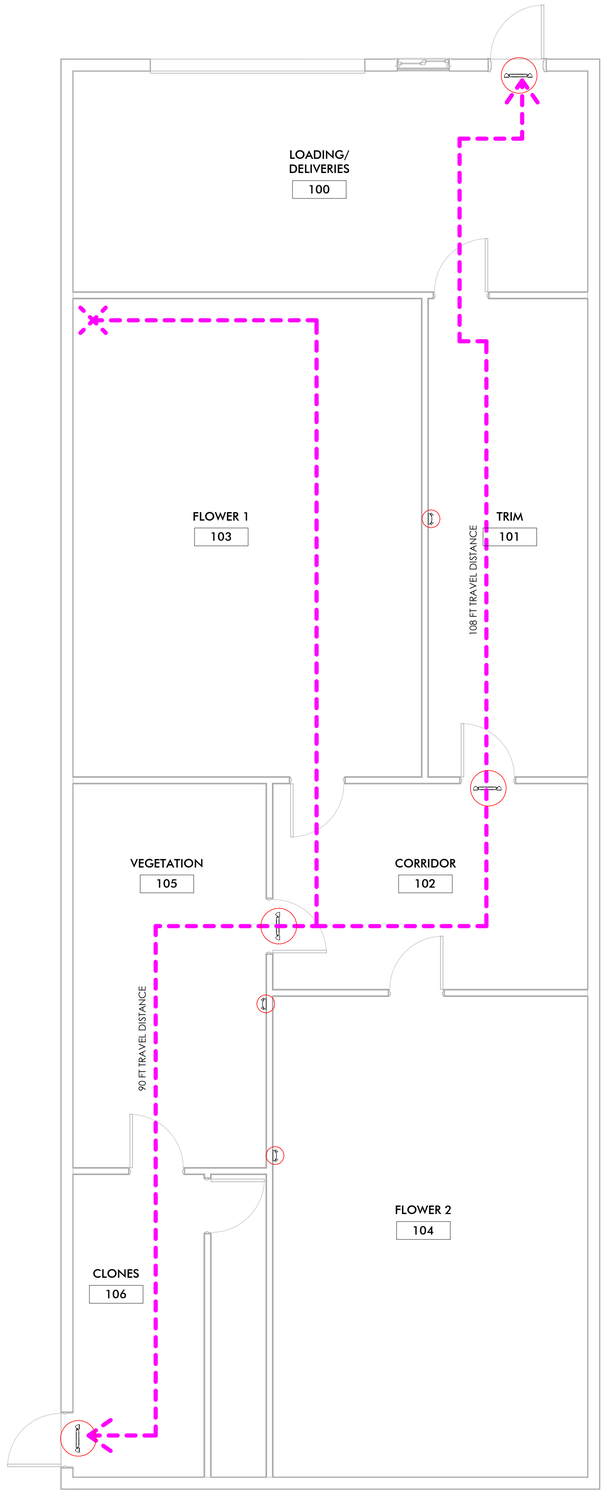

1 T004 **FIRST FLOOR COMPLIANCE PLAN**
1/4" = 1'-0"

CODE COMPLIANCE

TOPIC	SECTION	ALLOWED/REQUIRED	ACTUAL
APPLICABLE CODES			
2015 INTERNATIONAL FIRE CODE			
2015 MICHIGAN BUILDING CODE			
2015 MICHIGAN MECHANICAL CODE			
2015 MICHIGAN REHABILITATION CODE	503	LEVEL 1 ALTERATION	INTERIOR FINISH CHANGES ONLY
2017 NATIONAL ELECTRICAL CODE			
2018 MICHIGAN PLUMBING CODE			
ANSI/ASHRAE 90.1-2013			
ICC/ANSI 117.1-2009			
NFPA 13 (2013) + NFPA 72 (2013)			
ZONING			
ZONING	BEDFORD CHARTER TWP		AA AGR
1 - SCOPE AND ADMIN			
DEFERRED SUBMITTALS	107.3.4.1		THERE ARE NO DEFERRED SUBMITTALS FOR THIS PROJECT
DESIGN PROFESSIONAL IN CHARGE	107.3.4		CODY NEWMAN IS TO BE THE DESIGN PROFESSIONAL IN CHARGE
SPECIAL INSPECTIONS	110		THERE ARE NO SPECIAL INSPECTIONS FOR THIS PROJECT
3 - USE			
BUILDING USE	306.2		AFTER - F-1 MODERATE HAZARD INDUSTRIAL
3 - AREA BY USE			
AGRICULTURE			2,412 SF
3 - GROSS BUILDING AREA			
1 - FIRST FLOOR			2,412 SF
5 - GENERAL BUILDING HEIGHTS AND AREAS			
ALLOWABLE BUILDING HEIGHT	TABLE 504.3	40 FT	18 FT
BASE STORIES ALLOWED	TABLE 504.4	1 STORY	1 STORY
TABULAR AREA	TABLE 506.2	8,500 SF	2,412 SF
6 - TYPE OF CONSTRUCTION			
TYPE OF CONSTRUCTION	TABLE 601	V-B	V-B
7 - FIRE AND SMOKE PROTECTION			
			THERE ARE NO SPECIAL REQUIREMENTS
9 - FIRE PROTECTION SYSTEMS			
AUTOMATIC SPRINKLER SYSTEM	903.2.1.3	LESS THAN 12,000 SF, NOT REQUIRED	NOT PROVIDED
FIRE ALARM AND DETECTION SYSTEMS	907	LESS THAN 2 STORIES, LESS THAN 500 OCCUPANTS	NOT PROVIDED
10 - MEANS OF EGRESS			
DOOR EGRESS WIDTH	1005.3.2	36"	72"
EXIT ACCESS TRAVEL DISTANCE	TABLE 1017.2	200 FT	108 FT
NUMBER OF EXITS	TABLE 1006.3.1	2 EXITS	2 EXITS
10 - OCCUPANCY			
AGRICULTURE	TABLE 1004.1.2	2,412/ 300	9 PEOPLE
15 - ROOF ASSEMBLY			
	1501.1		METAL ROOF TO REMAIN
27 - ELECTRICAL			
EMERGENCY LIGHTING	1008.1	WILL COMPLY	ON COMPLIANCE DRAWINGS
EMERGENCY POWER	1008.3.2.1 008.3.3	WILL COMPLY	ON COMPLIANCE DRAWINGS
EXIT SIGNS	1011.1	WILL COMPLY	ON COMPLIANCE DRAWINGS
28 - PLUMBING			
DRINKING FOUNTAIN REQUIREMENTS	TABLE 403.1	LESS THAN 15 PEOPLE, NOT REQUIRED	NOT PROVIDED
LAVATORY REQUIREMENTS	TABLE 403.1	1 UNISEX	1 UNISEX
SERVICE SINK REQUIREMENTS	TABLE 403.1	LESS THAN 15 PEOPLE, NOT REQUIRED	NOT PROVIDED
WATER CLOSETS REQUIREMENTS	TABLE 403.1	1 UNISEX	1 UNISEX

COMPLIANCE LEGEND

SYMBOL	ITEM
FE	FIRE EXTINGUISHER
	EXIT SIGN W/ EGRESS LIGHTS
	EGRESS LIGHTING
	TRAVEL DISTANCE
	1 HOUR WALL
	2 HOUR WALL
SD	SMOKE DETECTOR
CO	CARBON MONOXIDE DETECTOR

CODE COMPLIANCE GENERAL NOTES

1. ENSURE EXIT SIGNS ARE MOUNTED ABOVE THE DOORS AND VISIBLE FROM 75 FEET AWAY. ALL EGRESS LIGHTING IS TO POINT DOWN TO ILLUMINATE THE EGRESS PATH OF TRAVEL.
2. ALL FIRE EXTINGUISHERS ARE TO BE ABC EXTINGUISHERS, UNLESS NOTED OTHERWISE. ALL EXTINGUISHERS ARE TO BE TAGGED WITH THE CURRENT YEAR'S INSPECTION ON IT. ANNUAL INSPECTIONS ARE TO OCCUR FOR ALL FIRE EXTINGUISHERS.
3. PROVIDE ADA RESTROOM SIGNS AT ALL RESTROOMS, CORRESPONDING TO THE CORRECT SEX.
4. SEE T002 FOR MOUNTING HEIGHTS AND LOCATIONS
5. SEE T003 FOR ADDITIONAL CODE COMPLIANCE INFORMATION
6. FURNITURE AND EQUIPMENT SHOWN ON COMPLIANCE DRAWINGS ARE FOR REFERENCE ONLY

DRIVEN DESIGN

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Driven Design Studio PLLC
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Battle Creek, MI 49017
(269) 753-8040
cody@drivendesignstudio.com

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CLIENT
HAZEN GARDENS

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CODE COMPLIANCE
T004

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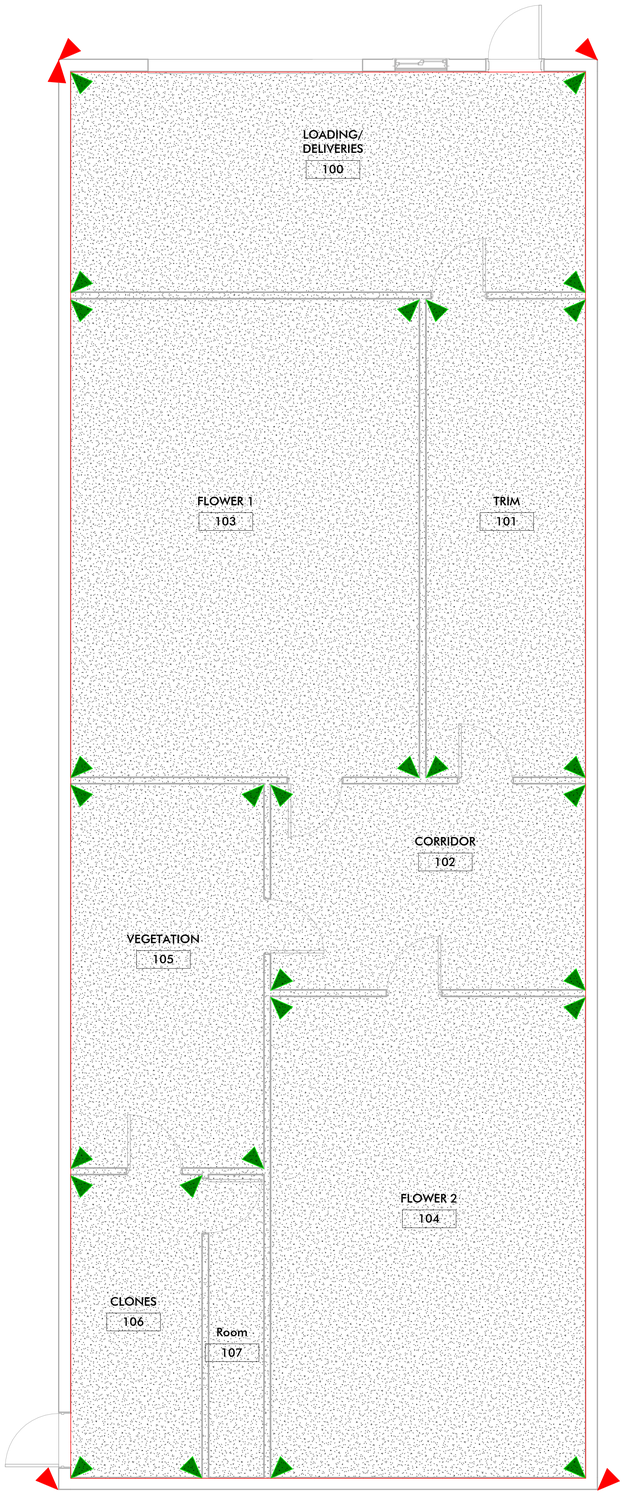

1
T005
FIRST FLOOR SECURITY PLAN
1/4" = 1'-0"

SECURITY LEGEND

- OUTDOOR LED LIGHT FIXTURE
- AXIS 2-MEGAPIXEL INDOOR CAMERA OR EQUIVALENT
- AXIS 4-MEGAPIXEL OUTDOOR CAMERA OR EQUIVALENT
- MONITOR AND PRINTER
- DVR LOCKBOX
- PUBLIC ACCESS AREA
- LIMITED ACCESS AREA
- RESTRICTED ACCESS AREA

*SECURITY PLANS ARE SHOWN SCHEMATICALLY. A SECURITY CONSULTANT TO ENSURE ALL AREAS OUTSIDE OF THE BATHROOMS ARE VISIBLE ON THE INTERIOR AND EXTERIOR BY CAMERAS

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SECURITY PLAN
T005

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GENERAL NOTES

1. EXISTING BUILDING TO REMAIN ON THE EXISTING SITE
2. THE UTILITIES THAT ARE CURRENTLY CONNECTED TO THE BUILDING ARE TO REMAIN
3. CONTACT MISS DIG TO LOCATE ALL EXISTING UTILITIES BEFORE DOING ANY SITE WORK
4. EXISTING GRAVEL DRIVE TO REMAIN
5. EXISTING VEGETATION TO REMAIN ON THE SITE, TRIM AS REQUIRED
6. WORK WITHIN THE STREET TO BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE AGENCIES HAVING JURISDICTION.
7. PERMITS, TESTING, BONDS & INSURANCES ETC., SHALL BE PAID FOR BY THE CONTRACTOR. CITY INSPECTION FEES SHALL BE PAID FOR BY THE OWNER.

LEGAL DESCRIPTION

BEDFORD TWP. SEC.18 T1S R8W PART NW1/4 COM 396 FT S & 660 FT E OF NW COR THEREOF E 782 FT S 744.47 FT W 582 FT N 414.66 FT W 200 FT N 330 FT TO BEG. PROPERTY ADDRESS: 21864 WEST COUNTY LINE ROAD

1 C100 SITE PLAN
1" = 50'-0"

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ARCHITECTURAL SITE PLAN

C100

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Page 4 of 4 of Warranty Deed between Brock Howland and Mary Howland, husband and wife and Kiel Howland, ("Grantor") and Mark Meservey, ("Grantee") dated this July 15, 2022.

PRIVATE ROAD ACKNOWLEDGEMENT
(To be attached to document of conveyance)

THE UNDERSIGNED PURCHASERS HEREBY ACKNOWLEDGE THAT THE STREET OR ROAD ABUTTING CAPTIONED LAND IS PRIVATE LAND AND IS NOT REQUIRED TO BE MAINTAINED BY THE BOARD OF COUNTY ROAD COMMISSIONERS.

This notice has been provided as set forth under MCL 560.261.

Property situated in the Township of Bedford Charter, County of Calhoun and State of Michigan described as:

Commencing at the Northwest corner of Section 18, Town 1 South, Range 8 West, Bedford Township, Calhoun County, Michigan; thence South along the West line of said section, a distance of 396.00 feet; thence South 89 degrees 44 minutes 45 seconds East, parallel with the North line of said section, a distance of 660.00 feet to the true place of beginning, thence continuing South 89 degrees 44 minutes 45 seconds East, 782.00 feet; thence South parallel with said West line 744.47 feet; thence North 89 degrees 45 minutes 54 seconds West, 582.00 feet, thence North 414.66 feet; thence North 89 degrees 44 minutes 45 seconds West, 200.00 feet; thence North 330.00 feet to the place of beginning.

Together with an easement for ingress and egress described as follows commencing at the Northwest corner of Section 18, Town 1 South, Range 8 West, Bedford Township, Calhoun County, Michigan, thence South along the West line of said section, a distance of 693.00 feet to the true place of beginning; thence South 89 degrees 44 minutes 45 seconds East, parallel with the North line of said Section, a distance of 660.00 feet; thence South 33.00 feet; thence South 89 degrees 44 minutes 45 seconds East, 200.00 feet; thence South 33.00 feet; thence North 89 degrees 44 minutes 45 seconds West, 860.00 feet to the West line of said section; thence North 66.00 feet to the place of beginning.

More commonly known as: 21864 W County Line Rd
Parcel ID: 13-04-018-002-07

Dated this July 15, 2022

Signed by:

Mark Meservey

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SITE EASEMENT

C101

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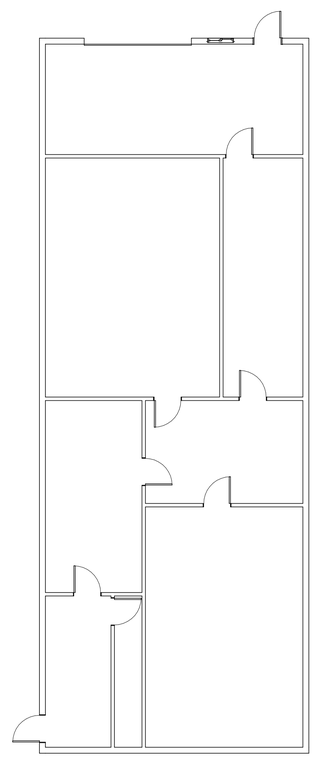
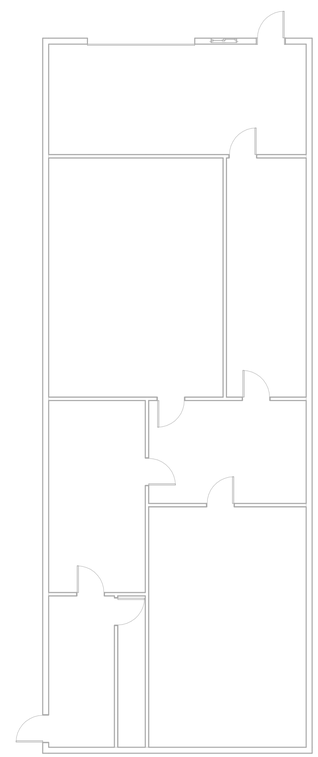


1 A110 FIRST FLOOR DEMOLITION PLAN
1/8" = 1'-0"



2 A110 FIRST FLOOR EXISTING PLAN
1/8" = 1'-0"

DEMOLITION NOTES

1. REMOVE ALL DASHED WALLS, WINDOWS, AND DOORS COMPLETELY.
2. OWNER TO REMOVE ALL FURNISHINGS/ EQUIPMENT THAT THEY WISH TO RETAIN FROM THE AREAS OF DEMOLITION/ CONSTRUCTION PRIOR TO THE START OF CONSTRUCTION WORK IN EACH AREA. OWNER TO COORDINATE WITH CONTRACTOR REGARDING THE TIME SCHEDULE FOR THIS TO BE COMPLETED.
3. PATCH AND FILL ANY HOLES IN THE WALL CAUSED BY THE REMOVAL OF DOORS, WINDOWS, OR WALLS TO MATCH SURROUNDINGS.
4. CONTRACTOR IS RESPONSIBLE FOR PROTECTING ALL SURFACES NOT BEING REMODELED IN THE PROJECT AND IN THE PATH OF THE CONTRACTORS TRAVEL, SETUP AND/ OR PROJECT MATERIAL STORAGE. THE CONTRACTOR MUST RETURN THE AREAS DISTURBED AS REQUIRED FOR ACCESS TO ITS PRE-EXISTING CONDITION.
5. ANY HAZARDOUS MATERIALS ARE TO BE REMOVED BY A LICENSED PROFESSIONAL IN THE STATE OF MICHIGAN.
6. ALL SAFETY ISSUES RELATED TO DEMOLITION ARE THE RESPONSIBILITY OF THE CONTRACTOR AND MUST COMPLY WITH ALL STATE, LOCAL, ENVIRONMENTAL AND LABOR LAWS DURING THE CONSTRUCTION OF THIS PROJECT.
7. SEQUENCE DEMOLITION WITH STRUCTURAL WORK TO ASSURE SAFETY, PROVIDE SHORING AS REQ'D TO ENSURE SAFE CONDITIONS EXIST. SHORING IS NOT SHOWN ON PLANS. STRUCTURAL ELEMENTS ARE TO REMAIN, UNLESS NOTED OTHERWISE. COORDINATE WITH ARCHITECTURAL AND STRUCTURAL DRAWINGS.
8. ALL TRADES TO COORDINATE BETWEEN ONE ANOTHER TO AVOID CONFLICTS.
9. NOTATIONS ARE MADE IN VARIOUS PLACES ON THE DRAWINGS TO CALL ATTENTION TO DEMOLITION WHICH IS REQUIRED. THESE DRAWINGS ARE NOT INTENDED TO SHOW EACH AND EVERY ITEM TO BE REMOVED. CONTRACTOR SHALL REMOVE ALL MATERIALS RELATED TO THEIR RESPECTIVE TRADES AS REQUIRED TO PERMIT THE CONSTRUCTION OF THE NEW WORK AS SHOWN.
10. THE CONTRACTOR SHOULD TAKE CARE DURING THE PROJECT TO NOT INTERRUPT THE USE IN AREAS NOT IN SCOPE.
11. PRIOR TO ANY DIGGING ON OR AROUND THE SITE UTILITIES ARE TO BE LOCATED USING MISS DIG.
12. ALL RUBBISH AND DEBRIS FROM DEMOLITION IS TO BE REMOVED IMMEDIATELY FROM THE SITE AFTER DEMOLITION. COORDINATE ALL DEMOLITION, DUMPSTER LOCATIONS, BARRICADING, PEDESTRIAN PROTECTION MEASURES, ETC. WITH THE OWNER AND LOCAL MUNICIPALITY PRIOR TO COMMENCEMENT.
13. REMOVE ALL LIGHTING, WIRING, FIRE ALARM DEVICES, RECEPTACLES, AND SPEAKERS FROM WALLS AND CEILINGS BEING REMOVED. COORDINATE WITH ARCHITECT AS REQUIRED. REMOVE ALL ABANDONED EXPOSED CONDUIT AND WIRING BACK TO SOURCE. REMOVE WIRING BACK TO PANEL OR NEAREST JUNCTION BOX. RE-LABEL CIRCUIT BREAKER AS SPARE, IN SCOPE OF WORK.
14. PROVIDE BLANK COVERPLATE OVER EMPTY OUTLET BOXES IF DEVICE IS REMOVED AND NOT REPLACED.
15. REMOVE ALL EXISTING HVAC, FIRE PROTECTION AND PLUMBING EQUIPMENT, PIPING BACK TO MAIN AND ALL ASSOCIATED ACCESSORIES. SANITARY, STORM, AND VENT STACKS TO REMAIN, CAP ANY UNUSED AREAS.
16. SALVAGE MATERIALS AS REQUIRED IF PART OF THE SCOPE IS MATCHING MATERIALS OR INFILL MATERIALS AS PART OF A RENOVATION PROJECT.
17. REMOVE ALL CEILINGS AND FLOOR FINISHES IN AREAS OF DEMOLITION U.N.O.
18. ALL EXISTING COLUMNS AND STRUCTURAL ELEMENTS TO REMAIN. ANY DISCREPANCIES THAT OCCUR IN THE FIELD DURING DEMOLITION SHOULD BE BROUGHT TO THE ARCHITECT'S ATTENTION.
19. THE CONTRACTOR SHALL MAINTAIN THE JOB SITE TO BROOM CLEAN AT ALL TIMES.
20. THE OWNER WILL MAINTAIN OCCUPANCY OF SPACES ADJACENT TO AREAS OF DEMOLITION. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL POTENTIALLY DISRUPTIVE ACTIVITIES WITH THE OWNER.

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ARCHITECT
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Battle Creek, MI 49017
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DEMOLITION PLANS
A110

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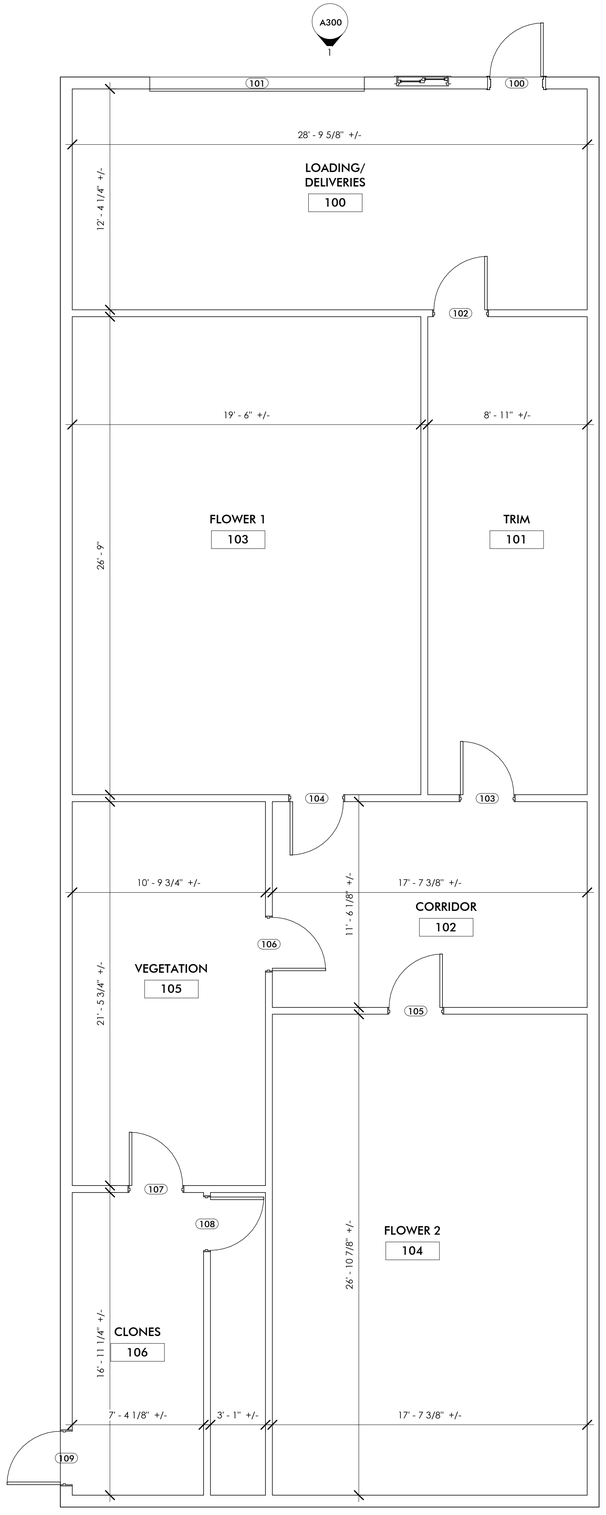


1 A120 **FIRST FLOOR PLAN**
1/4" = 1'-0"

2 A300

3 A300

DOOR SCHEDULE

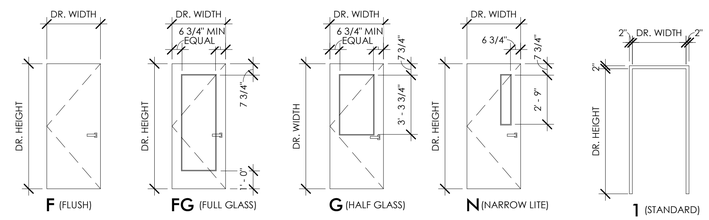
DOOR NUMBER	NEW OR EXIST	DOOR TYPE	DOOR SIZE WIDTH	DOOR SIZE HEIGHT	DOOR SIZE THICKNESS	DOOR MAT'L	DOOR FINISH	DOOR FRAME TYPE	DOOR FRAME MAT'L	FRAME FINISH	DOOR FRAME DETAILS HEAD	DOOR FRAME DETAILS JAMB	DOOR FRAME DETAILS SILL	COMMENTS
FIRST FLOOR														
100	EXIST	F	3' - 0"	7' - 0"	1 3/4"	H.M.	PAINT	1	H.M.					
101	EXIST	OVH	12' - 0"	10' - 0"	1 1/2"									
102	EXIST	F	3' - 0"	7' - 0"	1 3/4"	WOOD	PAINT	1	WOOD	WOOD				
103	EXIST	F	3' - 0"	7' - 0"	1 3/4"	WOOD	PAINT	1	WOOD	WOOD				
104	EXIST	F	3' - 0"	7' - 0"	1 3/4"	WOOD	PAINT	1	WOOD	WOOD				
105	EXIST	F	3' - 0"	7' - 0"	1 3/4"	WOOD	PAINT	1	WOOD	WOOD				
106	EXIST	F	3' - 0"	7' - 0"	1 3/4"	WOOD	PAINT	1	WOOD	WOOD				
107	EXIST	F	3' - 0"	7' - 0"	1 3/4"	WOOD	PAINT	1	WOOD	WOOD				
108	EXIST	F	3' - 0"	7' - 0"	1 3/4"	WOOD	PAINT	1	WOOD	WOOD				
109	EXIST	F	3' - 0"	7' - 0"	1 3/4"	WOOD	PAINT	1	WOOD	WOOD				

ABBREVIATIONS

WOOD - WOOD VENEER ON SOLID CORE WOOD DOOR
H.M. - HOLLOW METAL
PT - INTERIOR PAINT SYSTEM
EXIST - EXISTING
ALUM - ALUMINUM
FS - ROLLING FIRE SHUTTER
SCD - SOLID CORE DOOR
AE - AUTOMATIC ENTRY DOORS
WD - WOOD VENEER

GENERAL NOTES

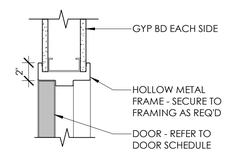
1. REFER TO DOOR SCHEDULE FOR HEIGHTS, WIDTHS AND GLAZING TYPES.
2. ALL HARDWARE TO BE ADA COMPLIANT LEVER HARDWARE.
3. ALL EXTERIOR AND RATED DOORS ARE TO HAVE ADA COMPLIANT SILLS WITH MAX THRESHOLDS OF 1/2"



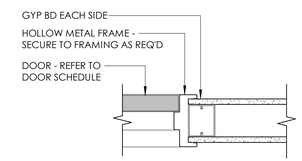
DOOR TYPES

NOTE: REFER TO DOOR SCHEDULE FOR HEIGHTS / WIDTHS AND GLAZING TYPE

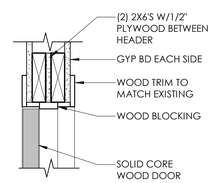
FRAME TYPES



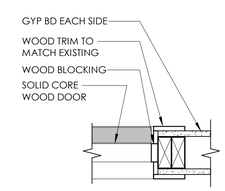
2 A120 **HEAD DETAIL - H.M. GYP BD**
1 1/2" = 1'-0"



3 A120 **JAMB DETAIL - H.M. GYP. BD.**
1 1/2" = 1'-0"



4 A120 **HEAD DETAIL - WD GYP BD**
1 1/2" = 1'-0"



5 A120 **JAMB DETAIL - WD GYP. BD.**
1 1/2" = 1'-0"

GENERAL NOTES

1. ALL GYPSUM BOARD THROUGHOUT IS TO BE 5/8" TYPE-X AS A MINIMUM.
2. ALL EXISTING INTERIOR WALLS THAT ARE TO REMAIN ARE TO BE PATCHED AS REQUIRED FROM NEW UTILITIES OR GENERAL CONSTRUCTION.
3. INFILL OF EXISTING WALL OPENINGS IS TO RESULT IN FLUSH FINISHES ON BOTH SIDES OF THE WALL. UNLESS OTHERWISE NOTED, USE APPROPRIATE STUD FRAMING TO ACHIEVE DESIRED FINISH.
4. INSTALL WOOD BLOCKING IN WALLS AS NECESSARY FOR INSTALLATION OF ALL CASEWORK, MIRRORS, TOWEL BARS, SHOWER CURTAIN RODS, TOILET PAPER DISPENSERS, PAPER TOWEL HOLDERS, TOILET PARTITIONS, RAILINGS, AND ANY OTHER ACCESSORIES.
5. PROVIDE CEMENT BOARD IN LIEU OF GYPSUM BOARD AT ALL BATHTUB, SHOWER, AND KITCHEN LOCATIONS TO RECEIVE WALL TILE. COORDINATE WITH INTERIORS.
6. DRAWINGS ESTABLISH THE DESIGN INTENT OF WORK TO BE PERFORMED. ALL PRODUCTS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. ALL TRADES SHALL CAREFULLY COORDINATE WORK OF ALL OTHER TRADES. CONTRACTORS SHALL BE RESPONSIBLE FOR FIELD VERIFYING EXISTING CONDITIONS AND FOR VERIFYING THEM WITH THE CONTRACT DOCUMENTS. ANY DISCREPANCIES OR CONFLICTS SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ARCHITECT AND THE OWNER PRIOR TO FABRICATION OR INSTALLATION.
7. COORDINATE SIZE AND LOCATION OF ALL EQUIPMENT SUPPORTS INCLUDING BUT NOT RESTRICTED TO CONCRETE HOUSEKEEPING PADS WITH APPROPRIATE EQUIPMENT MANUFACTURER.
8. VERIFY QUANTITY, SIZE, AND LOCATION OF ALL FLOOR, ROOF, AND WALL OPENINGS FOR ALL DISCIPLINES INCLUDING BUT NOT RESTRICTED TO MECHANICAL AND ELECTRICAL WORK WITH THE APPROPRIATE TRADE. PROVIDE ALL OPENINGS SHOWN OR REQUIRED FOR THE COMPLETION OF THE WORK. PROVIDE ALL LINTELS REQUIRED FOR THESE OPENINGS PER SPECIFICATIONS.
9. VERIFY QUANTITY, SIZE, AND LOCATION OF ALL FLOOR, ROOF, AND WALL OPENINGS FOR ALL DISCIPLINES INCLUDING BUT NOT RESTRICTED TO MECHANICAL AND ELECTRICAL WORK WITH THE APPROPRIATE TRADE.
10. DIMENSIONS PRECEDED BY +/- SHOULD BE REVIEWED AND ALL NECESSARY ADJUSTMENTS MADE PRIOR TO FABRICATION AND/OR INSTALLATION OF AFFECTED WORK. NOTIFY ARCHITECT'S REPRESENTATIVE IF DISCREPANCIES ARISE BEFORE PROCEEDING WITH THE WORK.
11. BATHROOM MIRRORS AND LIGHT FIXTURES ABOVE VANITIES SHALL BE CENTERED ON THE SINKS.

DRIVEN DESIGN

ARCHITECT
Driven Design Studio PLLC
117 West Michigan Avenue
Battle Creek, MI 49017
(269) 753-8040
cody@drivendesignstudio.com

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PROJECT NAME
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PROJECT ADDRESS
21864 W COUNTY LINE RD, BATTLE CREEK, MI 49017
HAZEN GARDENS

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NEW FLOOR PLANS

A120

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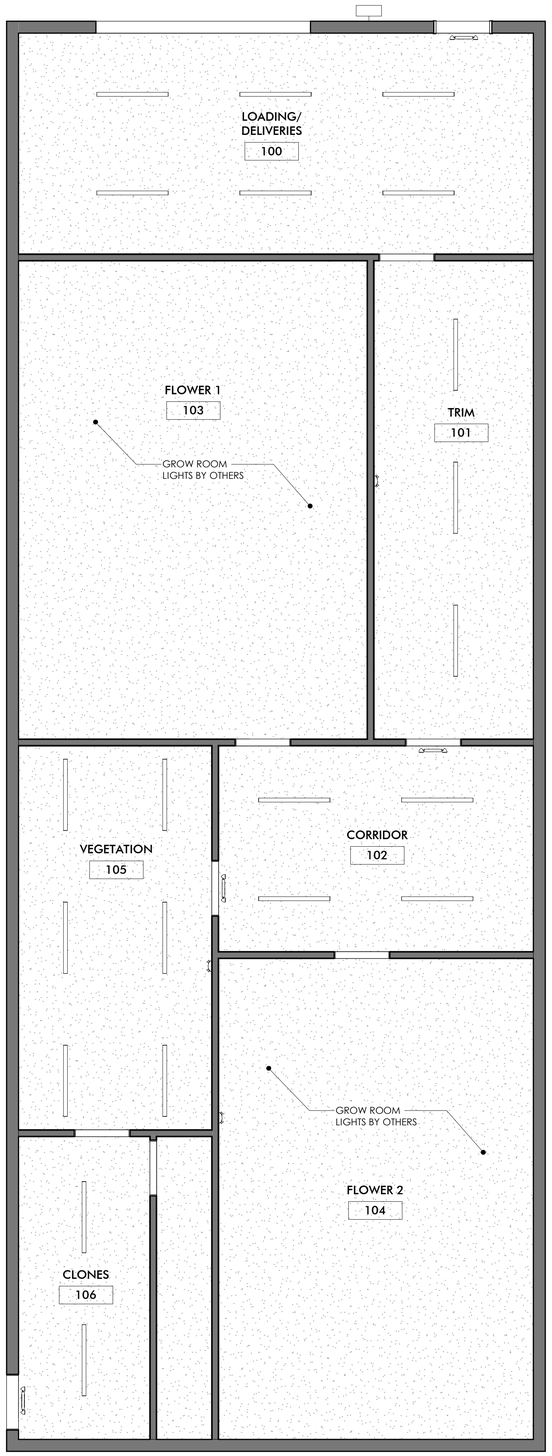

1 / A200 FIRST FLOOR REFLECTED CEILING PLAN
1/4" = 1'-0"

REFLECTED CEILING GENERAL NOTES

1. ALL LIGHT SWITCHES SHALL BE SILENT TYPE, 20 AMP, WHITE COLOR WITH WHITE COVER PLATES.
2. ALL NEW LIGHT FIXTURES TO BE LED. FIXTURES AND LAYOUT ARE SHOWN SCHEMATICALLY.
3. IF CEILING HEIGHTS ARE NOT CALLED OUT, THEN THE CEILING IS EXISTING OR SHALL BE EXPOSED TO THE EXISTING STRUCTURE ABOVE. CONFIRM WITH ARCHITECT
4. COORDINATE LIGHT FIXTURE, MECHANICAL, PLUMBING, ALONG WITH ANY OTHER SYSTEMS AS REQUIRED TO NOT INTERFERE WITH ONE ANOTHER.
5. ALL LIGHT FIXTURES AND HVAC SHALL BE CENTERED IN ALL ROOMS, 2x2 CEILING GRIDS, CLOUDS OR BETWEEN OTHER ELEMENTS OR EQUALLY SPACED UNLESS NOTED OTHERWISE.
6. ALL 2X2 CEILING GRIDS TO BE CENTERED IN ROOM UNLESS NOTED OTHERWISE. NO PANEL SHALL BE LESS THAN 4" WIDE
7. SEE MEP101 FOR ADDITIONAL MECHANICAL, ELECTRICAL, AND PLUMBING NOTES.
8. REPLACE ANY CEILING TILES IN CEILINGS THAT ARE TO REMAIN.
9. REFER TO INTERIOR ELEVATIONS AND RCP FOR UNDER CABINET LIGHTING LOCATIONS.
10. REFER TO ROOM FINISH KEY AND SCHEDULE FOR ACP DESIGNATIONS
11. ALL DIMENSIONS ARE FROM CENTER LINE OF FIXTURE TO FINISHED FACE OF WALL
12. PATCH AND REPAIR EXISTING CEILING AS REQUIRED THAT WAS DISTURBED DURING DEMOLITION AND/OR NEW CONSTRUCTION ACTIVITIES. PATCH AND REPAIR TO MATCH EXISTING ADJACENT CONSTRUCTION, SUPPORT SYSTEM, CEILING FINISH, PATTERN AND ELEVATION.

REFLECTED CEILING LEGEND

EXISTING 2X2 CEILING TILES & GRID. SEE FINISH SCHEDULE FOR TYPE

NEW 2X2 CEILING TILES & GRID. SEE FINISH SCHEDULE FOR TYPE

GYP. BD. CEILING

EXPOSED CEILING TO STRUCTURE

LIGHT FIXTURE LEGEND

TAG/SYMBOL	MANUFACTURER & DESCRIPTION	MODEL # / URL
	LITHONIA HIGH BAY LED LIGHT FIXTURE	JCBL; https://www.acuitybrands.com/products/detail/560426/lithonia-lighting/jcbl/led-high-bay
	BROAN EXHAUST FAN WITH LED LIGHT, 110 CFM	NUTONE FLEX SERIES; www.broan-nutone.com/en-us/product/ventilationfans/791ledntm
	LITHONIA EMERGENCY LIGHT	ELM6L; https://lithonia.acuitybrands.com/products/detail/804151/lithonia-lighting/elm6l-emergency-light/quantumr-led-adjustable-optics-1100-lumens-emergency-light
	LITHONIA EXIT-UNIT COMBO	LHQM LED; https://lithonia.acuitybrands.com/products/detail/48281/lithonia-lighting/lhqm-led/quantumr-led-exit-unit-combo
	BROWNLEE LIGHTING VANITY LIGHT	FLOW SQ; https://www.brownlee.com/product/5165LED
	MARK ARCHITECTURAL LIGHTING, 4' LED RECESSED STRIP LIGHT	SLOT 4 RECESSED; https://marklighting.acuitybrands.com/products/detail/122734/mark-

DRIVEN DESIGN

ARCHITECT
Driven Design Studio PLLC
117 West Michigan Avenue
Battle Creek, MI 49017
(269) 753-8040
cody@drivendesignstudio.com

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REFLECTED CEILING PLANS

A200

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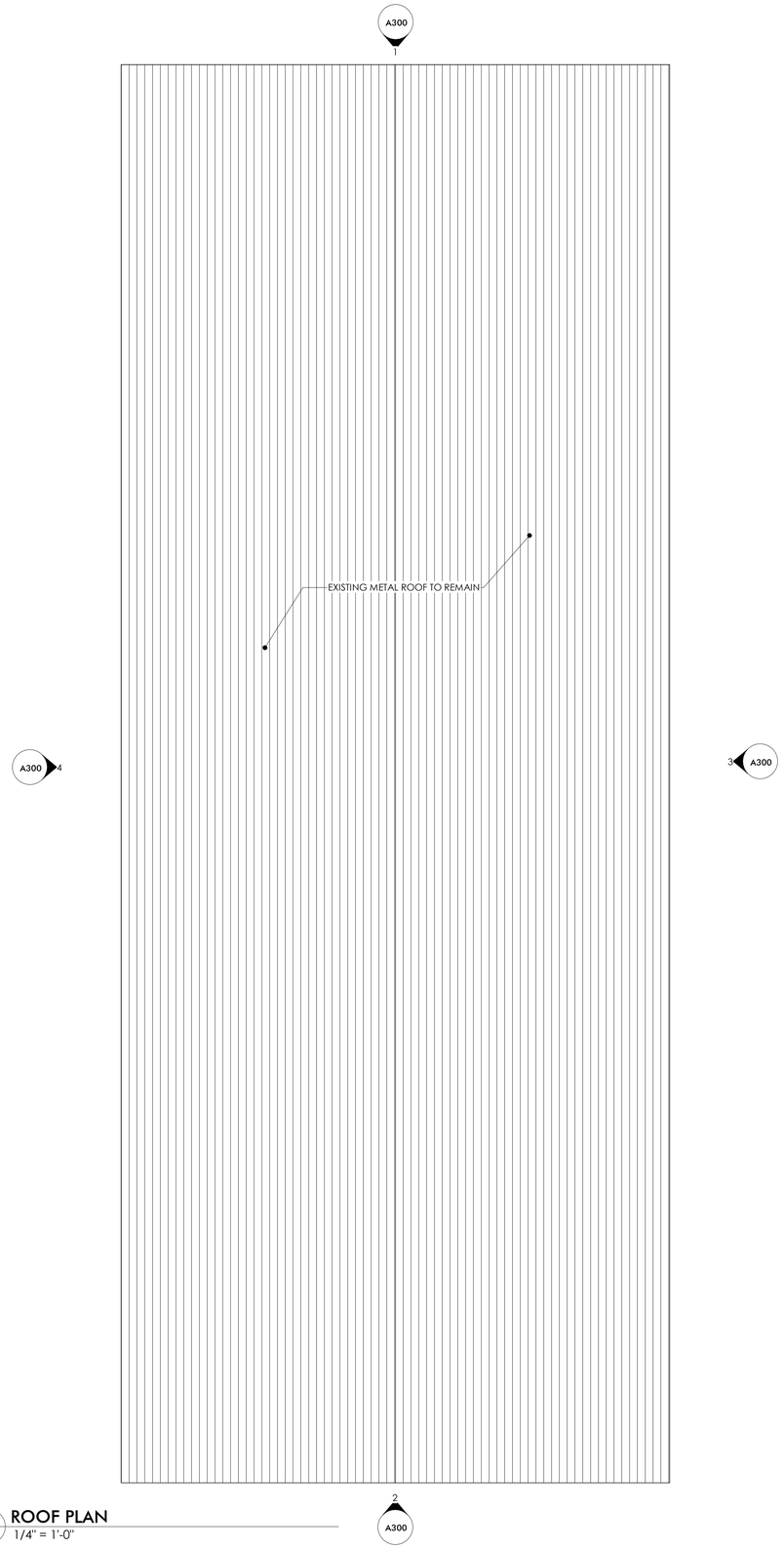

1 / A210 **ROOF PLAN**
1/4" = 1'-0"

DRIVEN DESIGN

ARCHITECT
Driven Design Studio PLLC
117 West Michigan Avenue
Battle Creek, MI 49017
(269) 753-8040
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ROOF PLAN

A210

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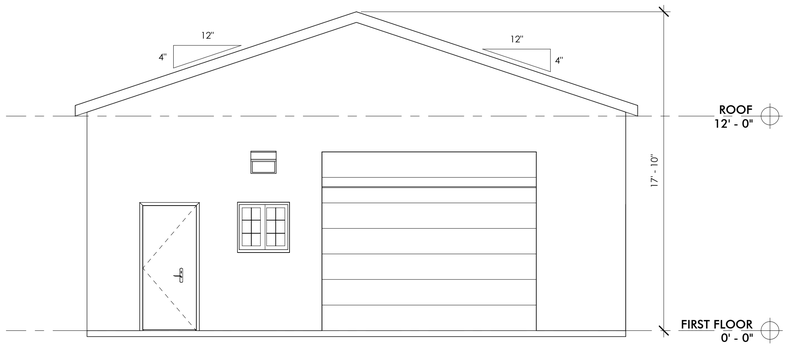
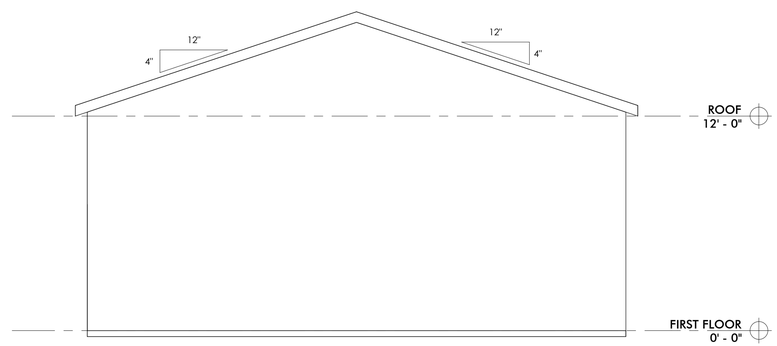
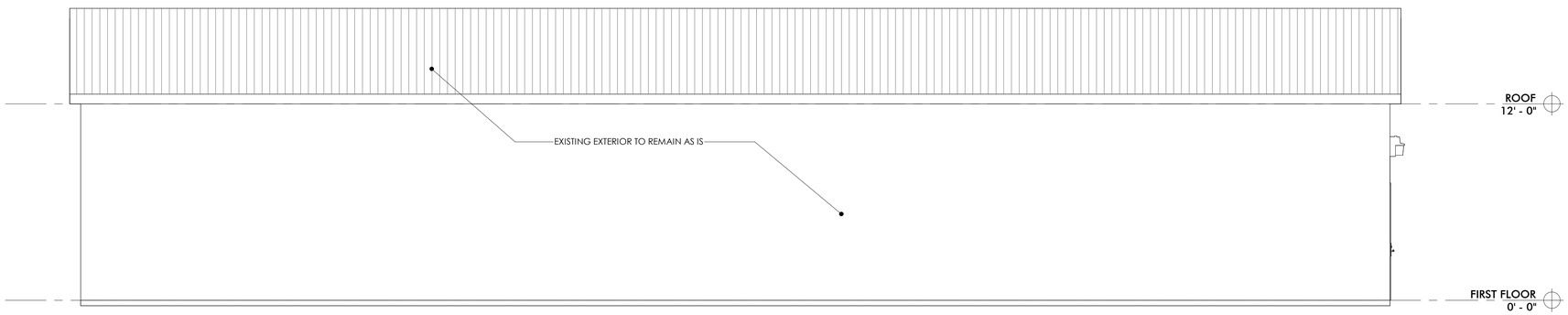


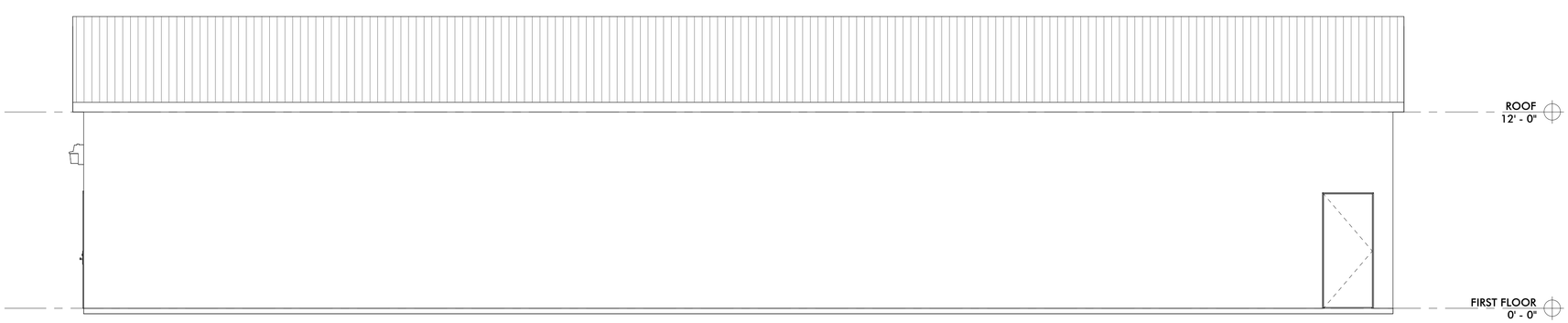
1 A300 **NORTH ELEVATION**
1/4" = 1'-0"



2 A300 **SOUTH ELEVATION**
1/4" = 1'-0"



3 A300 **EAST ELEVATION**
1/4" = 1'-0"



4 A300 **WEST ELEVATION**
1/4" = 1'-0"

GENERAL NOTES

EXISTING EXTERIOR ELEVATIONS SHOWN FOR REFERENCE ONLY - THERE ARE NO PROPOSED CHANGES TO THE EXTERIOR

EXTERIOR ELEVATION SYMBOL LEGEND

- CMU
- BRICK
- STONE
- SIDING / METAL SIDING
- METAL ROOFING
- ASPHLT ROOFING
- KNOT WOOD

DRIVEN DESIGN

ARCHITECT
Driven Design Studio PLLC
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(269) 753-8040
cody@drivendesignstudio.com

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EXTERIOR ELEVATIONS

A300

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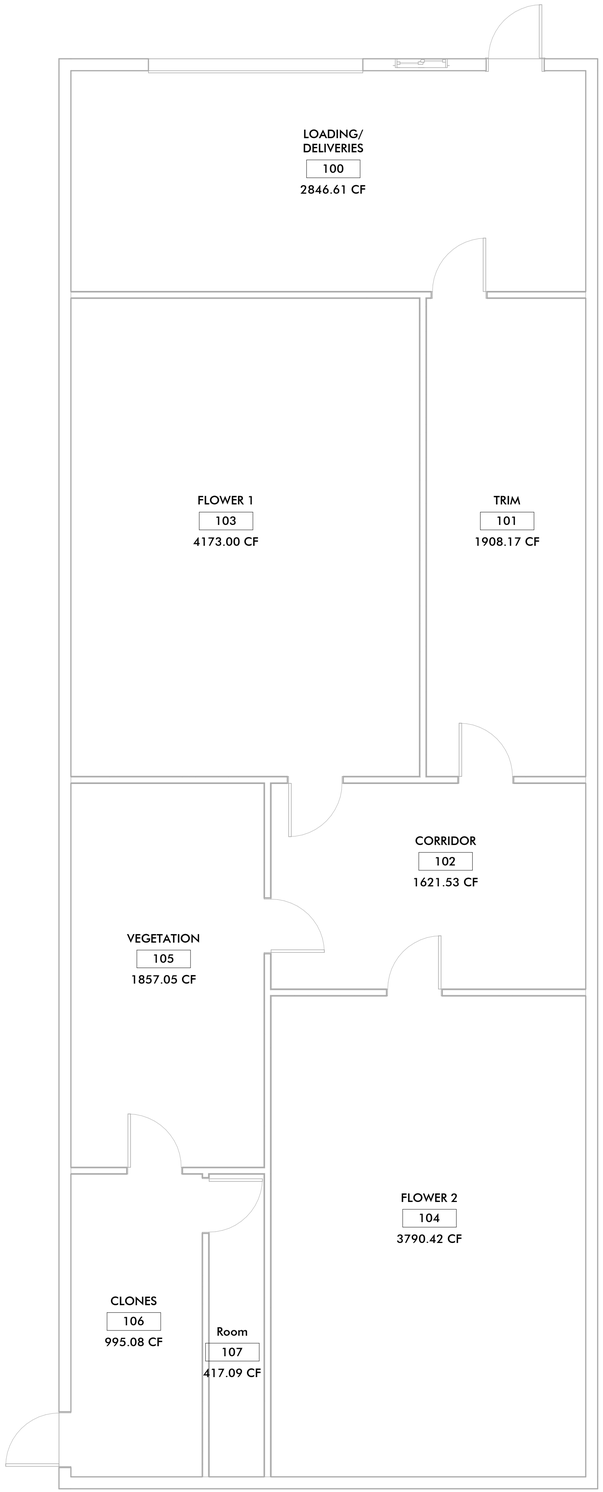

1 MEP101 FIRST FLOOR MEP PLAN
1/4" = 1'-0"

MECHANICAL NOTES

1. INSTALL ALL DUCTWORK PER SMACNA STANDARDS. USING METAL DUCT ADEQUATELY SUPPORTED TO AVOID DEFLECTION IN DUCT. WRAP ALL SUPPLY DUCTWORK WITH 1 1/2", 3/4 P.C.F. DENSITY FIBERGLASS INSULATION WITH VAPOR BARRIER. TAPE & SEAL ALL SEAMS, CUT-OUTS, & PENETRATIONS. INSULATE TOPS & NECKS OF ALL DIFFUSERS AND REGISTERS. PROVIDE EXPOSED SPIRAL UNINSULATED DUCT IN ALL CONDITIONED SPACES.
2. TEST AND BALANCE AIR DISTRIBUTION SYSTEM, PROVIDE BALANCE REPORT TO OWNER FOR REVIEW AT PROJECT COMPLETION.
3. RUN ALL DUCTS ABOVE CEILING, UNLESS NOTED OTHERWISE
4. PROVIDE ALL NECESSARY DUCT FITTINGS AND TRANSITIONS FOR A COMPLETE SYSTEM.
5. INSTALL DIFFUSERS WITH AIR TIGHT CONNECTIONS.
6. FIELD VERIFY CONDITIONS OF EXHAUST FANS, MODIFY OR CHANGE AS NECESSARY TO PROVIDE REQUIRED CFM'S.
7. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES, AND LAWS.
8. ARRANGE AND PAY FOR ALL PERMITS AND INSPECTIONS AS REQUIRED.
9. ALL WORK SHALL BE TESTED, BALANCED, AND GUARANTEED. PROVIDE REPORT TO ARCHITECT AND OWNER FOR THEIR RECORDS.
10. ANY MECHANICAL UNITS OR SYSTEMS SHOWN ARE DIAGRAMMATIC IN NATURE. THE CONTRACTOR SHALL PROVIDE FITTINGS, OFFSETS, ETC. AS NECESSARY TO PROVIDE COMPLETE SYSTEMS.
11. FINAL LOCATION OF ALL CEILING FEATURES TO BE COORDINATED WITH ALL TRADES.
12. MECHANICAL CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS.
13. PROVIDE APPROPRIATE FIRE STOPPING MATERIALS WHERE FIRE RATED ASSEMBLIES ARE PENETRATED.
14. ALL WORK AND MATERIALS SHALL BE GUARANTEED IN WRITING FOR ONE YEAR FROM THE PROJECT COMPLETION.
15. ANY MODEL NUMBERS OR MANUFACTURERS LISTED THROUGHOUT THE DRAWINGS ARE A BASIS OF DESIGN. THE CONTRACTOR MAY AT HIS OPTION PROVIDE AN "OR EQUAL" MANUFACTURER OR PRODUCT. THE CONTRACTOR IS RESPONSIBLE FOR ANY AND ALL COST ADDITIONS REQUIRED TO THE SYSTEM SHOULD AN "OR EQUAL" MANUFACTURER BE SELECTED.
16. ALL GAS PIPING SHALL BE SCHEDULE 40 BLACK STEEL. RUN IN BULKHEADS OR EMBEDDED IN WALL WHERE APPLICABLE. PAINT TO MATCH WHEN EXPOSED.
17. PROVIDE A GAS SHUTOFF VALVE, COMPLETE WITH DIRT LEG AT EACH PIECE OF GAS FIELD EQUIPMENT.
18. THE HEATING AND COOLING SYSTEMS ARE TO BE A DESIGN BUILD SYSTEM. IT IS TO BE DESIGNED, PROVIDED AND INSTALLED BY A LICENSED MECHANICAL CONTRACTOR OR ENGINEER IN THE STATE OF MICHIGAN. THE SYSTEM IS TO BE DESIGNED TO ALL APPLICABLE MICHIGAN MECHANICAL CODES IN FORCE AT THE TIME OF INSTALLATION AND INSPECTION. ANY MECHANICAL SHOWN ON THE PLANS ARE FOR REFERENCE ONLY AND HAVE BEEN PROVIDED BY A LICENSED CONTRACTOR. THE ARCHITECT DOES NOT TAKE ANY LIABILITY FOR THESE SYSTEMS.
19. A CFM SCHEDULE IS TO BE PROVIDED WITH A LAYOUT OF DUCTWORK WHEN APPLYING FOR MECHANICAL PERMIT.

ELECTRICAL NOTES

1. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST ADOPTED EDITION OF THE NATIONAL ELECTRIC CODE AND ALL AUTHORITIES HAVING JURISDICTION.
2. ELECTRICAL CONTRACTOR TO SECURE AND PAY FOR ALL PERMITS AND FEES.
3. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH ALL OTHER TRADES FOR INSTALLATION OF ALL EQUIPMENT. INSTALL EQUIPMENT PER MANUFACTURER'S RECOMMENDATIONS. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS.
4. ALL WIRING SHALL BE COPPER NO. 12 AWG MINIMUM SIZE, TYPE THNN/THXX INSULATION.
5. ALL WIRING SHALL BE INSTALLED IN A METALLIC CONDUIT SYSTEM. RUN ALL NEW CONDUIT CONCEALED IN FINISHED AREAS.
6. ALL RECEPTACLES SHALL BE 20 AMP, GROUNDING TYPE, MATCHING EXISTING COLOR AND COVERPLATES. PROVIDE GFCI TYPES WHERE SHOWN AND ANYWHERE WITHIN SIX FEET OF A PLUMBING FIXTURE. VERIFY AND COORDINATE ALL POWER OUTLETS TYPES AND LOCATIONS WITH OWNER PRIOR TO INSTALLATIONS.
7. ALL LIGHT SWITCHES SHALL BE SILENT TYPE, 20 AMP., TO MATCH EXISTING.
8. MAXIMUM LOAD FOR A 20 AMP BREAKER SHALL BE 15 AMPS OR 1800 WATTS AT 120 VAC.
9. PROVIDE NEW TYPED PANEL INDEXES ON ALL ELECTRICAL PANELS THAT WERE REVISED.
10. LIGHTING SHOWN SCHEMATICALLY ON REFLECTED CEILING PLAN. CENTER LIGHTINGS IN ROOM UNLESS NOTED OTHERWISE.
11. ELECTRICAL CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS.
12. GUARANTEE ELECTRICAL MATERIALS AND WORKMANSHIP FOR A PERIOD OF ONE YEAR AFTER ACCEPTANCE.
13. IT IS UNDERSTAND AND AGREED BY THE INSTALLER THAT WORK HEREIN DESCRIBED SHALL BE COMPLETE IN EVERY DETAIL, EVEN THOUGH EVERY ITEM INVOLVED IS NOT PARTICULARLY MENTIONED. INSTALLER SHALL BE HELD TO PROVIDE ALL LABOR AND MATERIALS NECESSARY FOR THE WORK INTENDED AND DESCRIBED FOR A COMPLETE AND OPERATIONAL SYSTEM. SUCH MATERIALS SHALL INCLUDE, BUT ARE NOT LIMITED TO, CONDUIT, FITTINGS, COVERPLATES, WIRING, BREAKERS, CONTROL DEVICES, LIGHTING ACCESSORIES, ETC. THIS ALSO INCLUDES EQUIPMENT REQUIRED BY STATE AND LOCAL CODES.
14. ELECTRICAL AND DATA OUTLETS ARE SHOWN SCHEMATICALLY IN NATURE. REVIEW FINAL PLACEMENT WITH OWNER BEFORE INSTALL.
15. THE ELECTRICAL SYSTEM IS TO BE A DESIGN BUILD SYSTEM. IT IS TO BE DESIGNED, PROVIDED, AND INSTALLED BY A LICENSED ELECTRICAL CONTRACTOR OR ENGINEER IN THE STATE OF MICHIGAN. THE SYSTEM IS TO BE DESIGNED TO MEET ALL APPLICABLE MICHIGAN ELECTRICAL CODES IN FORCE AT THE TIME OF INSTALLATION AND INSPECTION. ANY ELECTRICAL SHOWN IS FOR REFERENCE ONLY AND HAS BEEN DESIGNED BY A LICENSED CONTRACTOR. THE ARCHITECT DOES NOT TAKE ANY LIABILITY FOR THESE SYSTEMS.

ELECTRICAL/LIGHTING SYMBOLS

TAG/SYMBOL	MANUFACTURER & DESCRIPTION	MODEL # / URL
	LITHONIA HIGH BAY LED LIGHT FIXTURE	JCBL; https://www.acuitybrands.com/products/detail/560426/lithonia-lighting/jcbl/led-high-bay
	BROAN EXHAUST FAN WITH LED LIGHT, 110 CFM	NUTONE FLEX SERIES; www.broan-nutone.com/en-us/product/ventilationfans/7911ledntm
	LITHONIA EMERGENCY LIGHT	ELM6L; https://lithonia.acuitybrands.com/products/detail/804151/lithonia-lighting/elm6l-emergency-light/quantumr-led-adjustable-optics-1100-lumens-emergency-light
	LITHONIA EXIT-UNIT COMBO	LHQM LED; https://lithonia.acuitybrands.com/products/detail/48281/lithonia-lighting/lhqm-led/quantumr-led-exit-unit-combo
	BROWNLEE LIGHTING VANITY LIGHT	FLOW SQ; https://www.brownlee.com/product/5165LED
	MARK ARCHITECTURAL LIGHTING, 4' LED RECESSED STRIP LIGHT	SLOT 4 RECESSED; https://marklighting.acuitybrands.com/products/detail/122734/mark-

ELECTRICAL SYMBOLS

S3	THREE-WAY SWITCH	THREE-WAY SWITCH
S	SWITCH	SWITCH
GFI	GROUNDED FAULT INTERCEPTOR OUTLET	GROUNDED FAULT INTERCEPTOR OUTLET
	QUADRUPLEX OUTLET	QUADRUPLEX OUTLET
	DUPLEX OUTLET	DUPLEX OUTLET

PLUMBING NOTES

1. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES, AND LAWS.
2. ARRANGE AND PAY FOR ALL PERMITS AND INSPECTIONS AS REQUIRED.
3. ALL WORK SHALL BE PERFORMED TO FACILITATE EXPEDITIOUS PROGRESS ON THE WHOLE PROJECT. COORDINATE WORK WITH OTHER TRADES TO MINIMIZE AND RESOLVE POTENTIAL CONFLICTS.
4. THE DRAWINGS ARE DIAGRAMMATIC IN NATURE. THE CONTRACTOR SHALL PROVIDE FITTINGS, OFFSETS, ETC., AS NECESSARY TO PROVIDE COMPLETE SYSTEMS.
5. FURNISH AND INSTALL ALL VALVING FOR THE PROPER SECTIONALIZING AND OPERATION OF PIPING SYSTEMS. PROVIDE ACCESS PANELS AS REQUIRED FOR ACCESS TO VALVES.
6. ALL PIPES PASSING THROUGH FINISHED WALLS, PARTITIONS, AND FLOORS SHALL BE FITTED WITH ADJUSTABLE ESCUTCHEONS, AND APPROPRIATE FIRE STOPPING WHERE REQUIRED.
7. ATTACH ALL FIXTURES TO SUPPORTING SURFACES PLUMB AND LEVEL. WALL HUNG UNITS SHALL BE SECURELY FASTENED TO WALL BACKING. PROVIDE CHAIR CARRIERS FOR ALL LAVATORIES
8. WHERE FIXTURES ARE MOUNTED TO WALLS AND FLOORS, SEAL ALL INTERSECTIONS WITH DOW WHITE SILICONE CAULK.
9. IT IS NOT THE INTENT OF THESE PLANS TO SHOW EVERY DETAIL OF CONSTRUCTION. CONTRACTOR SHALL FURNISH AND INSTALL ALL ITEMS NECESSARY FOR A COMPLETE CODE COMPLYING SYSTEM.
10. ALL WORK AND MATERIALS SHALL BE GUARANTEED IN WRITING FOR ONE YEAR FROM PROJECT COMPLETION.
11. PLUMBING CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS.
12. SLOPE ALL NEW SANITARY PIPING A MIN. OF 1/8" PER FOOT.
13. SANITIZE ALL NEW HOT & COLD WATER LINES PER LOCAL WATER DEPARTMENT REQUIREMENTS. FLUSH AND TEST SYSTEM FOR LEAKS. MECHANICAL CONTRACTOR IS RESPONSIBLE FOR PROPER LEAK-FREE OPERATION OF SYSTEM. SOLDER JOINTS WITH NON-LEAD SOLDER.
14. PROVIDE DI-ELECTRIC FITTINGS WHERE DISSIMILAR METALS ARE CONNECTED.
15. SUPPLY ALL NECESSARY TRIM, P-TRAPS, AND ANGLE STOPS AT EACH PLUMBING FIXTURE.
16. FIXTURES ARE TO BE PROVIDED BY OWNER AND INSTALLED BY THE PLUMBING CONTRACTOR PER THE MANUFACTURER'S RECOMMENDATIONS.
17. INSULATE ALL COLD WATER LINES WITH 1" MINERAL FIBER INSULATION WITH VAPOR BARRIER. INSULATE ALL HOT WATER LINES WITH 1" FIBERGLASS.
18. DRAIN, VENT AND WASTE PIPING SHALL BE SCHEDULE DWV PVC. CLEAN OUTS IN FINISHED AREAS SHALL BE RECESSED AND HAVE CHROME OR BRASS COVER PLATES FLUSH WITH THE FINISHED FLOOR.
19. PROVIDE SHUTOFF VALVES ON HOT & COLD WATER BRANCH PIPING TO ISOLATE BRANCH.
20. INSTALL EACH FIXTURE WITH TRAP, EASILY REMOVABLE FOR SERVICE AND CLEANING.
21. INSTALL PIPING TO ALLOW FOR EXPANSION AND CONTRACTION WITHOUT STRESSING PIPE, JOINTS, OR CONNECTED EQUIPMENT.
22. FURNISH AND INSTALL WATER HAMMER ARRESTERS IN ACCORDANCE WITH PDI WH201.
23. LAY OUT PLUMBING WORK TO AVOID CONFLICTS WITH OTHER BUILDING COMPONENTS. ESTABLISH ELEVATION OF PUBLIC SEWER SYSTEM.
24. THE PLUMBING SYSTEMS ARE TO BE A DESIGN BUILD SYSTEM. IT IS TO BE DESIGNED, PROVIDED, AND INSTALLED BY A LICENSED PLUMBING CONTRACTOR OR ENGINEER IN THE STATE OF MICHIGAN. THE SYSTEM IS TO BE DESIGNED BY A LICENSED PLUMBING CONTRACTOR OR ENGINEER IN THE STATE OF MICHIGAN. ANY PLUMBING SHOWN IS FOR REFERENCE ONLY. THE ARCHITECT DOES NOT TAKE ANY LIABILITY FOR THESE SYSTEMS.

PLUMBING FIXTURES

EXISTING PLUMBING FIXTURES TO REMAIN

DRIVEN DESIGN

ARCHITECT
Driven Design Studio PLLC
117 West Michigan Avenue
Battle Creek, MI 49017
(269) 753-8040
cody@drivendesignstudio.com

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MECH, ELEC, PLUMB SPECS/NOTES

MEP101

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