## CODE REFERENCE

- MICHIGAN BUILDING CODE 2015
- MICHIGAN BARRIER FREE CODE & ICC/ANSI A117.1 2009 MICHIGAN BARRIER FREE DESIGN LAW P.A. 1 OF 1966 AS AMENDED
- MICHIGAN MECHANICAL CODE 2015 (M.M.C.)
- MICHIGAN PLUMBING CODE 2015 (M.P.C.)
- INTERNATIONAL FUEL GAS CODE 2015 (I.F.G.C.)
- MBC 2015 CHAPTER 13 & MICHIGAN UNIFORM ENERGY CODE 2012 CHAPTER 5 AND PART 10a RULES (ANSI/ASHRAE/IESNA STANDARD 90.1 2013
- NATIONAL ELECTRICAL CODE 2017 N.E.C. W/ PART 8 AMENDMENTS (M.E.C.)
- INTERNATIONAL FIRE CODE 2015 (I.F.C.)
- PROJECT SHALL COMPLY W/ MBC 2019 CHP. 35 NFPA 13-2019 & NFPA 72-2019

NOTE:
THE BUILDING IS EXISTING. PLANS BEING SUBMITTED ARE FOR THE PROPOSED INTERIOR MODIFICATIONS

NOTE:
THE BUILDING IS TO BE FULLY FIRE SUPPRESSED PER NFPA 13. FIRE SUPPRESSION CONTRACTOR TO SUBMIT DESIGN DRAWINGS TO THE TOWNSHIP FOR REVIEW AND APPROVAL.

## DESIGN DATA

USE GROUP: MIXED NONSEPARATED S-1 / B

CONSTRUCTION CLASSIFICATION: IIB

## GENERAL NOTES

1. BUILDER AND REQUIRED SUBTRADES ARE TO FIELD VERIFY THE EXISTING CONDITIONS AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES IN FIELD / PLANS PRIOR TO CONTINUING WITH CONSTRUCTION.

2. GENERAL CONTRACTOR SHALL COORDINATE WITH THE MECHANICAL AND ELECTRICAL CONTRACTORS THE LOCATIONS OF DUCTS, PIPING BOXES, CHASES, CONDUITS, ETC.

3. VERIFY LOCATION OF ALL EQUIPMENT AND VERIFY SIZES, WALL OPENINGS, AND SUPPORT REQUIREMENTS WITH MANUFACTURER. PROVIDE OPENINGS, BRACING AND REINFORCEMENT AS REQUIRED BY MANUFACTURER.

4. ALL DOORS TO COMPLY WITH THE 2015 EDITION OF THE MICHIGAN BUILDING CODE SECTION 1008 AND ICC/ANSI A117.1-2009 SECTION 404.2.

5. ALL SHELL INTERIOR FINISHES SHALL HAVE A CLASS C FLAME SPREAD OF 76 TO 200 AND A SMOKE DEVELOPMENT INDEX NOT GREATER THAN 450 IN ACCORDANCE WITH ATM E84 OR UL 723. ALL INTERIOR CARPET INCLUDING THOSE IN EXIT ENCLOSURES SHALL COMPLY WITH MBC SECTION 804. DOC FF-1 "PILL TEST" (CPSC 16 CFR, PART 1630) CONTRACTOR TO PROVIDE COMPLETE DOCUMENTION TO FIELD INSPECTOR. FLOOR FINISH SHALL MEET A MIN. OF CLASS II FOR THE MIN. CRITICAL RADIANT FLUX INCLUDING THOSE IN EXIT ENCLOSURES. ALL FLOOR FINISHES SHALL BE IN ACCORDANCE WITH NFPA 253.

6. ALL GYPSUM BOARD MATERIALS AND ACCESSORIES SHALL CONFORM TO THE APPROPRIATE STANDARDS IN ACCORDANCE WITH TABLE 2506.2 MBC 2015

7. DOOR HANDLES, PLUS LATCH, LOCKS AND OTHER OPERATING MAXIMUM HEIGHT OF 34"-48" ABOVE FINISH FLOOR. OPERATING DEVICES SHALL BE CAPABLE OF OPERATION WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, TIGHT PINCHING OR TWISTING OF THE WRIST TO OPERATE. ALL MEANS OF EGRESS WHERE SERVING AN OCCUPANT LOAD OF 50 OR MORE PERSONS. THE OPENING FORCE FOR INTERIOR SIDE-SWING DOORS WITH- OUT CLOSER SHALL NOT EXCEED 5-POUND FORCE. FOR ALL OTHER SIDE-SWING, SLIDING AND FOLDING DOORS, THE DOOR LATCH SHALL RELEASE WHEN SUBJECT TO A 15-POUND FORCE. THE DOOR SHALL SWING TO A FULL-OPEN POSITION WHEN SUBJECTED TO A 15 POUND FORCE. FORCES SHALL BE APPLIED TO THE LATCHSIDE.

8. ALL MEANS OF EGRESS DOORS SHALL BE READILY OPERABLE FROM THE SIDE FROM WHICH EGRESS IS TO BE MADE WITHOUT THE USE OF A KEY, SPECIAL KNOWLEDGE, OR EFFORT.

9. ALL EXIT DOORS & MEANS OF EGRESS DOORS SHALL BE SIDE HINGED, NON-LOCKING & SWING IN DIRECTION OF EGRESS.

10. ALL GLASS SHALL BE SAFETY GLASS AS REQ'D PER SECTION 2406.4 AND SHALL PASS THE TEST REQMTS. OF CPSC 16 CFR, PART 1201

11. ALL EXPOSED INSULATION SHALL HAVE A CLASS A FLAME SPREAD NOT GREATER THAN 25 AND A SMOKE DEVELOPMENT NOT GREATER THAN 450 IN ACCORDANCE WITH ASTM E84 REQUIREMENTS. OWNER TO PROVIDE DOCUMENTATION.

12. ALL EXTERIOR WOOD, PLYWOOD, ETC. SHALL BE PRESERVATIVE TREATED.

13. ALL PENETRATIONS IN WALLS FOR PIPING, CONDUIT, ETC. SHALL BE SEALED
    a. ALL PENETRATIONS IN RATED WALLS SHALL BE SEALED W/ APPLICABLE FIRE RATED SEALANT, STOP, OR OTHER APPROVED METHOD PER I.F.C. 2009

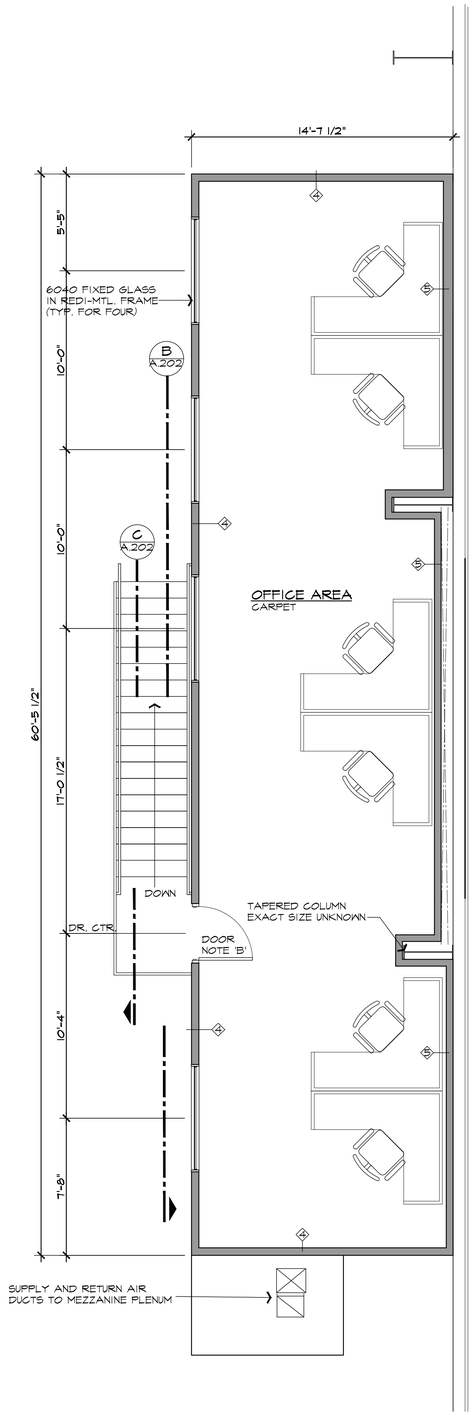
14. A PORTABLE FIRE EXTINGUISHER MUST BE PRESENT DURING CONSTRUCTION. PERMANENT PORTABLE FIRE EXTINGUISHER LOCATIONS TO BE DETERMINED PER I.F.C. AND FIELD BUILDING INSPECTOR.

15. APPROVED FIRE STOP MATERIAL SHALL BE PROVIDED IN ALL DROPS & CHASES FOR ELECTRICAL, PLUMBING, & HEATING.

16. ALL EXIT DISCHARGE DOORS TO CONTAIN A RAISED CHARACTERS STATING "EXIT" COMPLYING WITH ICC A117.1 SECTION 703.3 AS REQ'D BY MBC 2015 SECTIONS 1111.3 (ITEM #2) AND 1013.4. LOCATION OF SIGNS SHALL BE ALONGSIDE THE DOOR AT THE LATCH SIDE, ON THE INACTIVE LEAF OF DOUBLE DOOR, ON THE RIGHT HAND DOOR OF DOUBLE ACTIVE DOORS OR ON NEAREST ADJACENT WALL WHERE NO WALL IS ADJACENT TO LATCH SIDE OF DOOR. HT OF CHARACTERS SHALL BE 48" AFF TO BASELINE OF LOWEST RAISED CHARACTER AND 60" AFF TO BASELINE OF HIGHEST.

17. ALL PROTRUDING OBJECTS ON CIRCULATION PATHS SHALL COMPLY WITH SECTION 307 OF THE ANSI A117.1-2009

19. GENERAL CONTRACTOR WILL BE RESPONSIBLE TO KEEP A CLEAN SITE AT ALL TIMES.




### DOOR NOTES

DOOR NOTE 'A':
3070 H.M. DOOR AND FRAME
PROVIDE PUSH/PULL, DOOR STOPS, CLOSER (TYP. EA. RESTROOM)

DOOR NOTE 'B':
3070 H.M. DOOR AND FRAME
PROVIDE PASSAGE SET, CLOSER, DOOR STOP

DOOR NOTE 'C':
2-3670 H.M. DOOR AND FRAME
PROVIDE DUMMY HANDLE, BALL LATCH

DOOR NOTE 'D':
2-3070 H.M. DOOR AND FRAME
PROVIDE DUMMY HANDLE, BALL LATCH
20x12 DOOR LOUVER

### WALL KEY

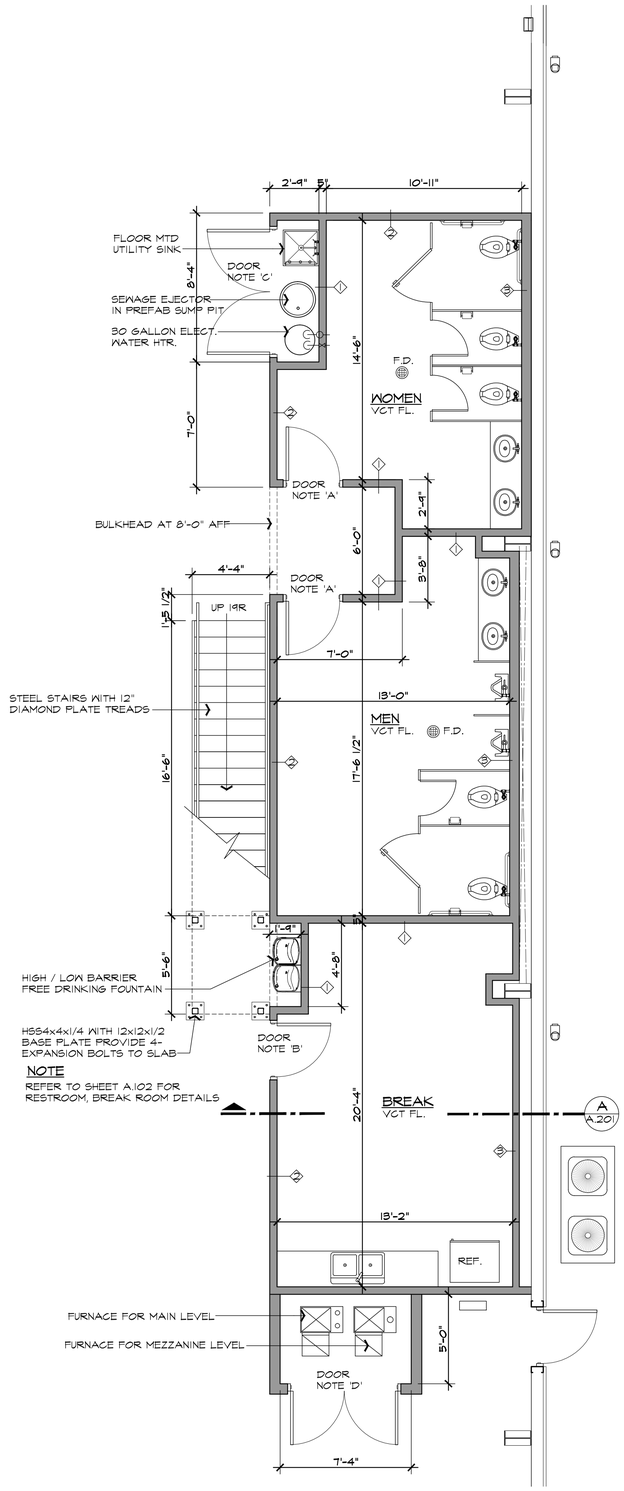
1. 1/2" GYP BD EA SIDE ON 3-5/8" 25GA MTL STUDS @ 16" O.C. UP TO +/- 8'-4" U.N.O.
2. 1/2" GYP BD EA SIDE ON 3-5/8" 20GA, 1 5/8" FLANGE MTL STUDS @ 16" O.C. UP TO 10'-0"
3. 1/2" GYP BD ON FINISH SIDE ON 3-5/8" 20GA, 1 5/8" FLANGE MTL STUDS @ 16" O.C. UP TO 10'-0"
4. 1/2" GYP BD ON EACH SIDE ON 3-5/8" 22GA, 1 5/8" FLANGE MTL STUDS @ 16" O.C. UP TO 10'-0"
5. 1/2" GYP BD ON FINISH SIDE ON 3-5/8" 22GA, 1 5/8" FLANGE MTL STUDS @ 16" O.C. UP TO 10'-0"

NOTE:
PROVIDE MINERAL WOOL SOUND BATTS IN WALLS AROUND RESTROOMS

NORTH

## MEZZANINE LEVEL FLOOR PLAN

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




NORTH

## MAIN LEVEL FLOOR PLAN

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

| ISSUED FOR | DATE |
|---|---|
| PERMIT | 9.20.21 |

**ARCHITECTURAL DESIGN**
RESIDENTIAL
COMMERCIAL
INDUSTRIAL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PROPOSED INTERIOR BUILDOUT FOR:
DAKOTA INTREGRATED SYSTEMS
16150 GROVE RD
WATERTOWN TWP., MICHIGAN

| DRAWN: | DESIGNED: | CHECKED: |
|---|---|---|
| AV | AV | AV |

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

FILE NAME :

JOB #: 21107

SHEET TITLE
FLOOR PLANS

SHEET #
A.101