

# INTERIOR REMODEL OF CHERRY GROVE THE CADILLAC REVIVAL CENTER

## 5676 EAST M-55 HWY., CADILLAC MICHIGAN



**KRAM**  
CONSTRUCTION  
& DESIGN

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Professional Seal:

Consultant:

**INTERIOR REMODEL OF CHERRY GROVE**  
FOR THE CADILLAC REVIVAL CENTER  
5676 EAST M-55 HWY.  
CADILLAC, MICHIGAN

drawing title:

**Title Page, Index  
& Code Data**

issue for:

**Permit REV #1**

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**03.21.23**

drawing:

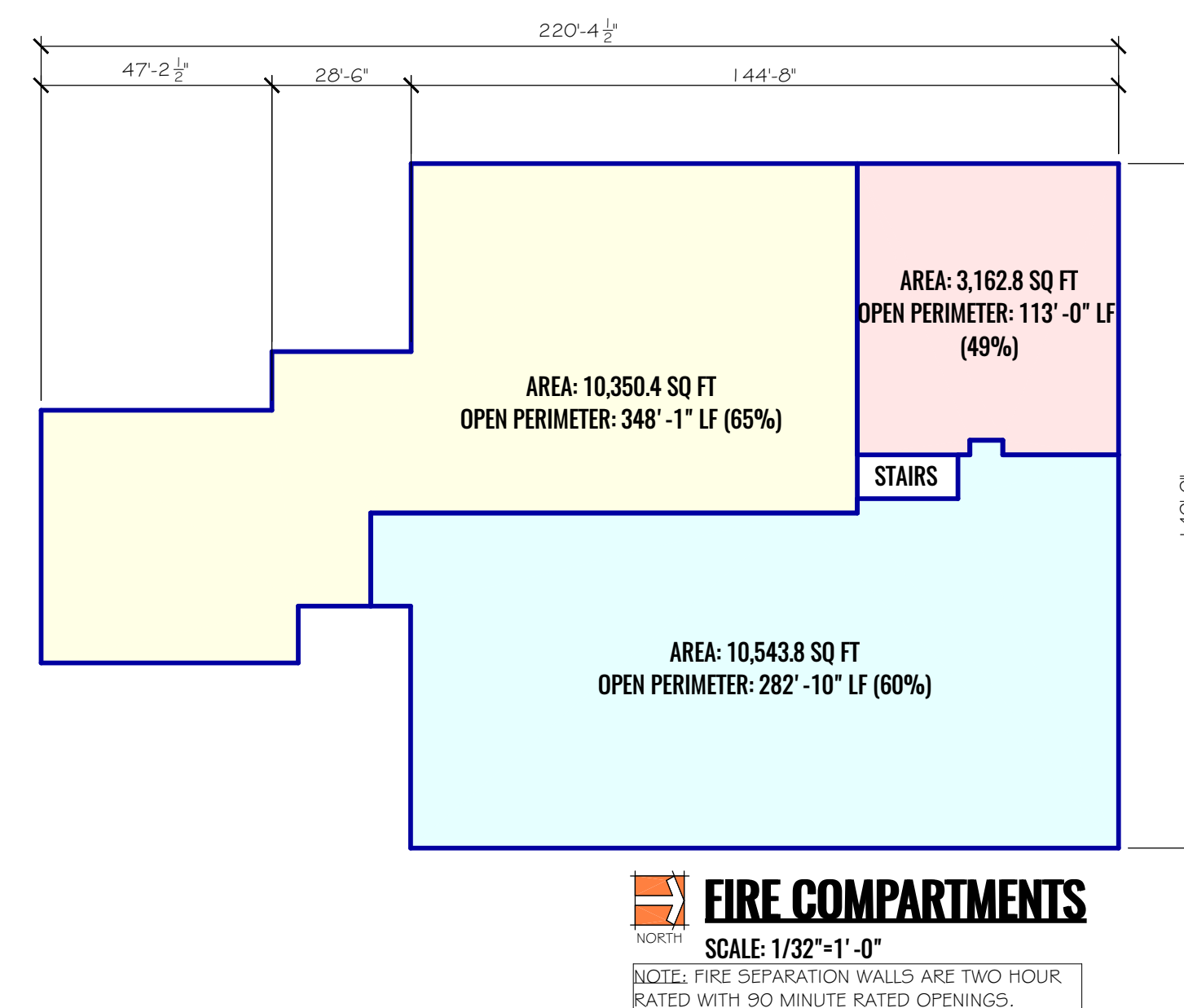
**T1**

file reference:

REVIVAL C.G. 02-20-23.PLAN

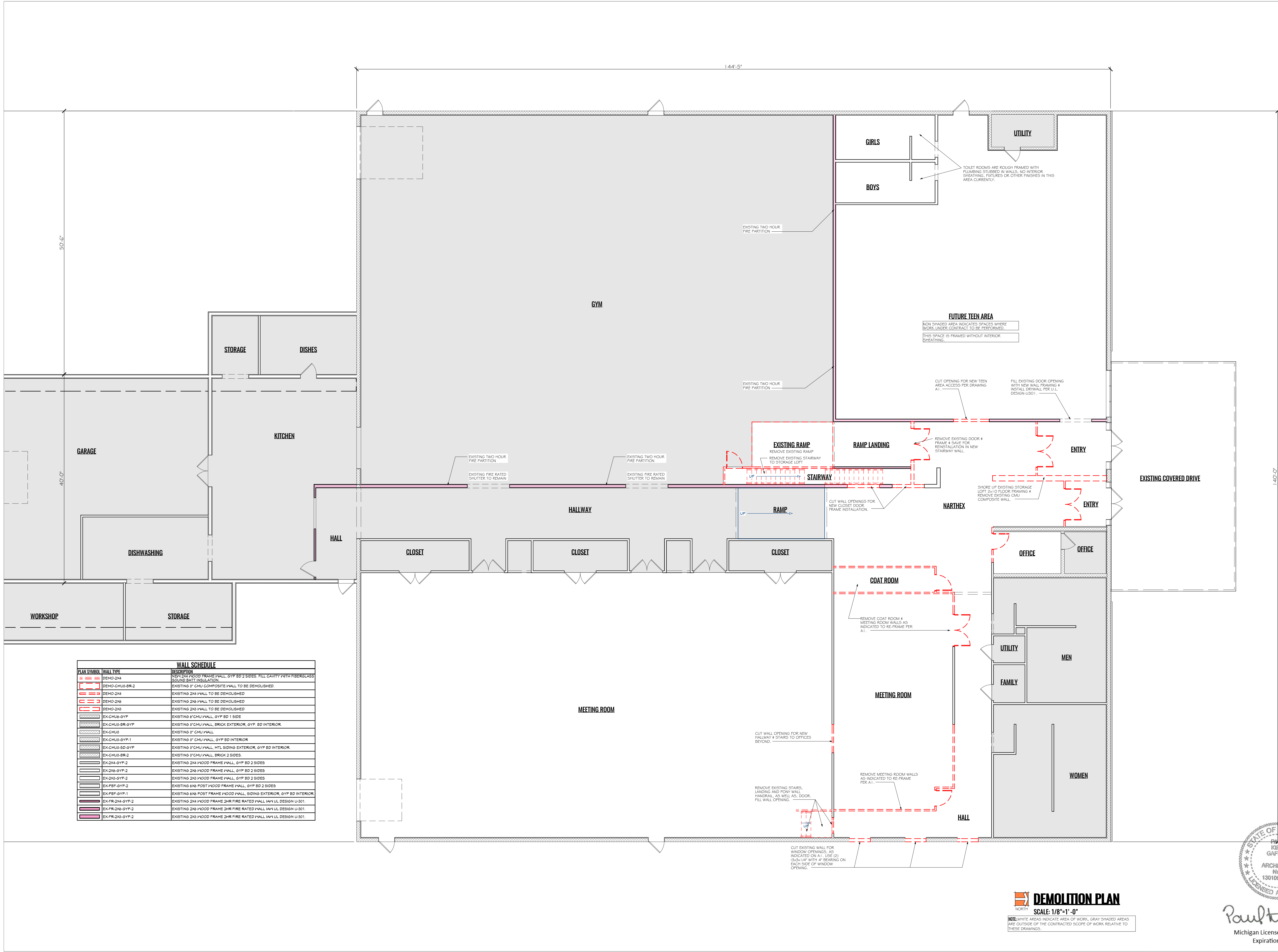
OCCUPANCY				
ROOM NAME	USE	AREA	PERS/SF	OCCUPANCY
TEEN AREA - 100	B - CLASSROOMS	2563	100	25.63
NARTHES - 101	B	1316	100	13.16
STAIRWAY - 102	B	162	0	0
CLOSET - 103	B	57	0	0
COAT ROOM - 104	B	104	0	0
GREEN ROOM - 105	A3	477	15	31.80
HALLWAY - 106	B	309	0	0
OFFICE - 107	B	143	100	1.43
OFFICE - 108	B	160	100	1.60
OFFICE - 109	B	160	100	1.60
GIRLS - 110	B	157	0	0
BOYS - 111	B	145	0	0
MEETING ROOM - 112	A3			299.00
UTILITY - N-01	U	75	0	0
OFFICE - N-02	B	64	100	1
UTILITY - N-03	U	31	0	0
FAMILY - N-04	B	43	0	0
MEN - N-05	B	420	0	0
WOMEN - N-06	B	544	0	0
GYM - N-07	A3	6338	50	126.76
HALLWAY - N-08	B	944	0	0
CLOSET - N-09	S1	113	0	0
CLOSET - N-10	S1	103	0	0
CLOSET - N-11	S1	110	0	0
KITCHEN - N-12	B	914	200	4.57
DISHES - N-13	S2	206	300	0.69
STORAGE - N-14	S2	99	300	1.00
GARAGE - N-15	U	1487	200	7.44
DISHWASHING - N-16	S2	285	200	1.43
STORAGE - N-17	S2	221	300	0.74
WORKSHOP - N-18	U	328	300	1.09
LIGHT STORAGE	S1	413	300	1.38
STORAGE - N-19	S1	1667	300	5.56
<b>NET AREA</b>		<b>20158</b>	<b>PERSONS</b>	<b>525.86</b>

CODE DATA	
CODE ENFORCED:	2015 MICHIGAN BUILDING CODE 2015 MICHIGAN MECHANICAL CODE 2018 MICHIGAN PLUMBING CODE 2017 MICHIGAN ELECTRICAL CODE NATIONAL ELECTRICAL CODE
CONSTRUCTION TYPE:	Permanent building structure: V-A
USE GROUP:	Assembly (A-3) (MBC 303.4)
ALLOWABLE AREA:	11,500 SF PER MBC TABLE 506.2
ACTUAL AREA:	Ground Floor: 24,243 SQ FT (See Fire Compartment Plan (A3)) Upper Floor: 2,224 SQ FT TOTAL GROSS AREA: 26,467 SQ FT
ALLOWABLE HEIGHT:	60'-0"; 2 story (A-3) PER MBC TABLE 504.4
ACTUAL HEIGHT:	Not observed
OCCUPANCY LOAD:	526 persons, see occupancy table
EXITS REQUIRED PER MBC TABLE 1006.3.1	4 EXITS
EXITS PROVIDED:	9 EXITS
EXIT SIGNAGE:	Provided in accordance with MBC 1013
EXIT ACCESS TRAVEL DIST:	Maximum 200'-0" per Table 1017.2 (Without sprinkler system).
ACTUAL MAX. TRAVEL DISTANCE:	80'-0"
COMMON PATH OF EGRESS	75'-0" per Table 1006.3.2
ACTUAL MAX. COMMON PATH	50'-0"
FIRE SAFETY	Automatic sprinkler system not provided; Fire alarm and notification system provided.



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Expiration: 10-29-23

DRAWING INDEX	
T1	TITLE PAGE, DRAWING INDEX & CODE DATA
D1	DEMOLITION PLAN
A1	GROUND FLOOR PLAN
A2	UPPER FLOOR PLAN
A3	STAIR SECTION, SCHEDULES, TABLES, & TOILET ROOM PLAN



PLAN SYMBOL	WALL TYPE	DESCRIPTION
[Symbol]	DEMO-2M4	EXISTING 2M4 WALL TO BE DEMOLISHED
[Symbol]	DEMO-GMUS-BR-2	EXISTING 8' CMU COMPOSITE WALL TO BE DEMOLISHED
[Symbol]	DEMO-2M4	EXISTING 2M4 WALL TO BE DEMOLISHED
[Symbol]	DEMO-2M6	EXISTING 2M6 WALL TO BE DEMOLISHED
[Symbol]	DEMO-2M8	EXISTING 2M8 WALL TO BE DEMOLISHED
[Symbol]	EX-CMUS-GYP	EXISTING 8' CMU WALL, GYP BD 1 SIDE
[Symbol]	EX-CMUS-BR-GYP	EXISTING 8' CMU WALL, BRICK EXTERIOR, GYP BD INTERIOR
[Symbol]	EX-CMUS	EXISTING 8' CMU WALL
[Symbol]	EX-CMUS-GYP-1	EXISTING 8' CMU WALL, GYP BD INTERIOR
[Symbol]	EX-CMUS-BD-GYP	EXISTING 8' CMU WALL, MTL SIDING EXTERIOR, GYP BD INTERIOR
[Symbol]	EX-CMUS-BR-2	EXISTING 8' CMU WALL, BRICK 2 SIDES
[Symbol]	EX-2M4-GYP-2	EXISTING 2M4 WOOD FRAME WALL, GYP BD 2 SIDES
[Symbol]	EX-2M6-GYP-2	EXISTING 2M6 WOOD FRAME WALL, GYP BD 2 SIDES
[Symbol]	EX-2M8-GYP-2	EXISTING 2M8 WOOD FRAME WALL, GYP BD 2 SIDES
[Symbol]	EX-FB-F-GYP-2	EXISTING 6x8 POST WOOD FRAME WALL, GYP BD 2 SIDES
[Symbol]	EX-FB-F-GYP-1	EXISTING 6x8 POST WOOD FRAME WALL, SIDING EXTERIOR, GYP BD INTERIOR
[Symbol]	EX-FR-2M4-GYP-2	EXISTING 2M4 WOOD FRAME 2HR FIRE RATED WALL 1/4" MIN UL DESIGN U-301
[Symbol]	EX-FR-2M6-GYP-2	EXISTING 2M6 WOOD FRAME 2HR FIRE RATED WALL 1/4" MIN UL DESIGN U-301
[Symbol]	EX-FR-2M8-GYP-2	EXISTING 2M8 WOOD FRAME 2HR FIRE RATED WALL 1/4" MIN UL DESIGN U-301

**DEMOLITION PLAN**  
SCALE: 1/8"=1'-0"

NOTE: WHITE AREAS INDICATE AREA OF WORK, GRAY SHADED AREAS ARE OUTSIDE OF THE CONTRACTED SCOPE OF WORK, RELATIVE TO THESE DRAWINGS.



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5676 EAST M-55 HWY.  
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drawing title:

**Ground Floor  
Demolition Plan**

issue for:

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**D1**

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REVIVAL C.G. 02-20-23 PLAN



Professional Seal:

Consultant:

**INTERIOR REMODEL OF CHERRY GROVE**

FOR THE CADILLAC REVIVAL CENTER  
5676 EAST M-55 HWY.  
CADILLAC, MICHIGAN

drawing title:

**Upper Floor Plan**

issue for:

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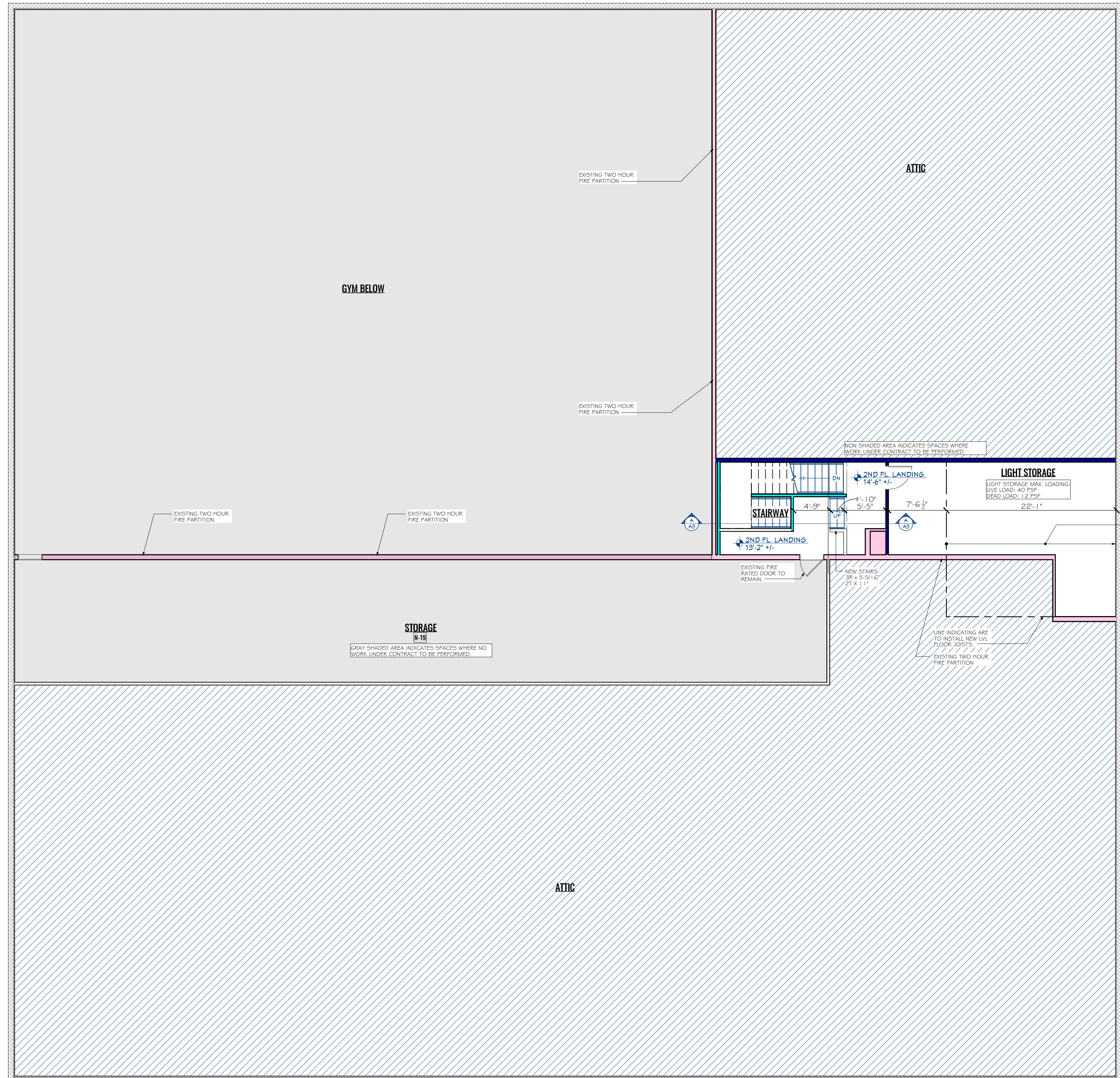
**03.21.23**

drawing:

**A2**

file reference:

REVIVAL C.G. 02-20-23 PLAN



INSTALL NEW 1-3/4" x 11-7/8" LVL 2.OE JOISTS UNDER EXISTING FLOOR 4 NEXT TO EXISTING 2x10 WOOD JOISTS. APPLY GLUE TO TOP OF NEW LVL JOISTS & FASTEN TO EXISTING FLYWOOD DECK 4 TO THE SIDE OF EXISTING 2x10 WOOD JOISTS. NEW JOISTS SHALL BE 1'-4" O.C. MAX. INSTALL CROSS BRACING AT 8'-0" O.C. MAX.



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**FIRE RATED WALL CONSTRUCTION:**  
ALL NEW FIRE RATED WALLS (PURPLE) SHALL BE 2x WOOD FRAMING, 1'-4" O.C. MAX., WITH (2) LAYERS OF 5/8" TYPE 'X' GYPSUM BOARD ON EACH SIDE OF WOOD FRAMING. LAYER JOINTS STAGGERED, TAPED AND FINISHED.

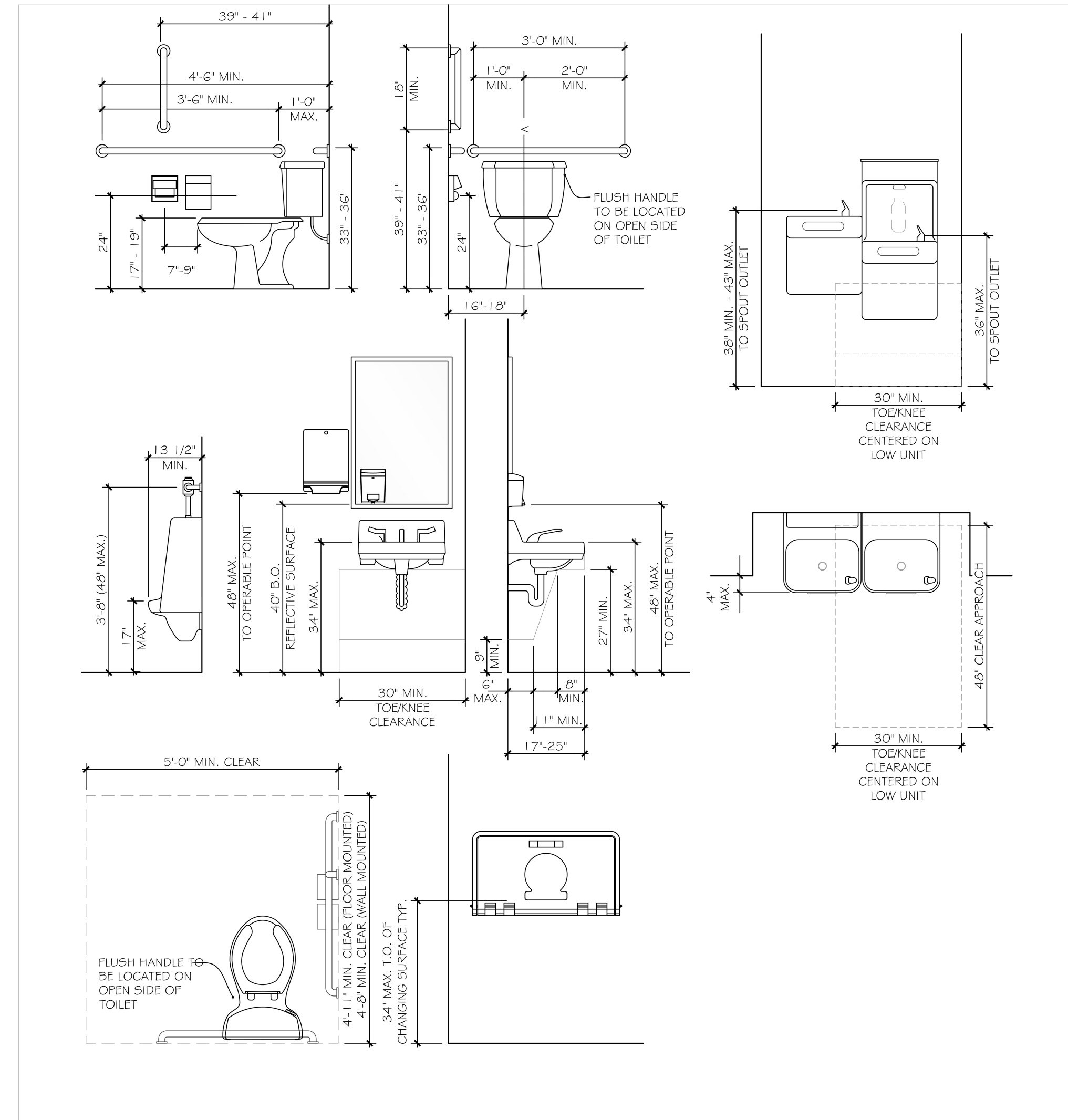
**UPPER FLOOR PLAN**  
SCALE: 1/8"=1'-0"  
UPPER FLOOR AREA: 2438 sq ft

ROOM FINISH SCHEDULE							
ROOM	FLOOR FINISH	WALLS			CEILING		
		BASE	MAT.	FIN.	MAT.	FIN.	HGT.
100	TEEN AREA	CARPET	VINYL	DRYWALL	PAINT	PAINTED STRUCTURE	- SLOPED
101	NARTHEX	TILE	VINYL	DRYWALL	PAINT	PAINTED GYP. BD.	-
102	STAIRWAY	TILE	VINYL	DRYWALL	PAINT	PAINTED GYP. BD.	-
103	CLOSET	TILE	VINYL	DRYWALL	PAINT	PAINTED GYP. BD.	-
104	COAT ROOM	CARPET	VINYL	DRYWALL	PAINT	PAINTED GYP. BD.	-
105	GREEN ROOM	CARPET	VINYL	DRYWALL	PAINT	PAINTED GYP. BD.	-
106	HALLWAY	CARPET	VINYL	DRYWALL	PAINT	PAINTED GYP. BD.	-
107	OFFICE	CARPET	VINYL	DRYWALL	PAINT	PAINTED GYP. BD.	-
108	OFFICE	CARPET	VINYL	DRYWALL	PAINT	PAINTED GYP. BD.	-
109	OFFICE	CARPET	VINYL	DRYWALL	PAINT	PAINTED GYP. BD.	-
110	GIRLS	TILE	TILE	DRYWALL	PAINT	PAINTED GYP. BD.	-
111	BOYS	TILE	TILE	DRYWALL	PAINT	PAINTED GYP. BD.	-
112	MEETING ROOM	CARPET	VINYL	DRYWALL	PAINT	PAINTED GYP. BD.	-

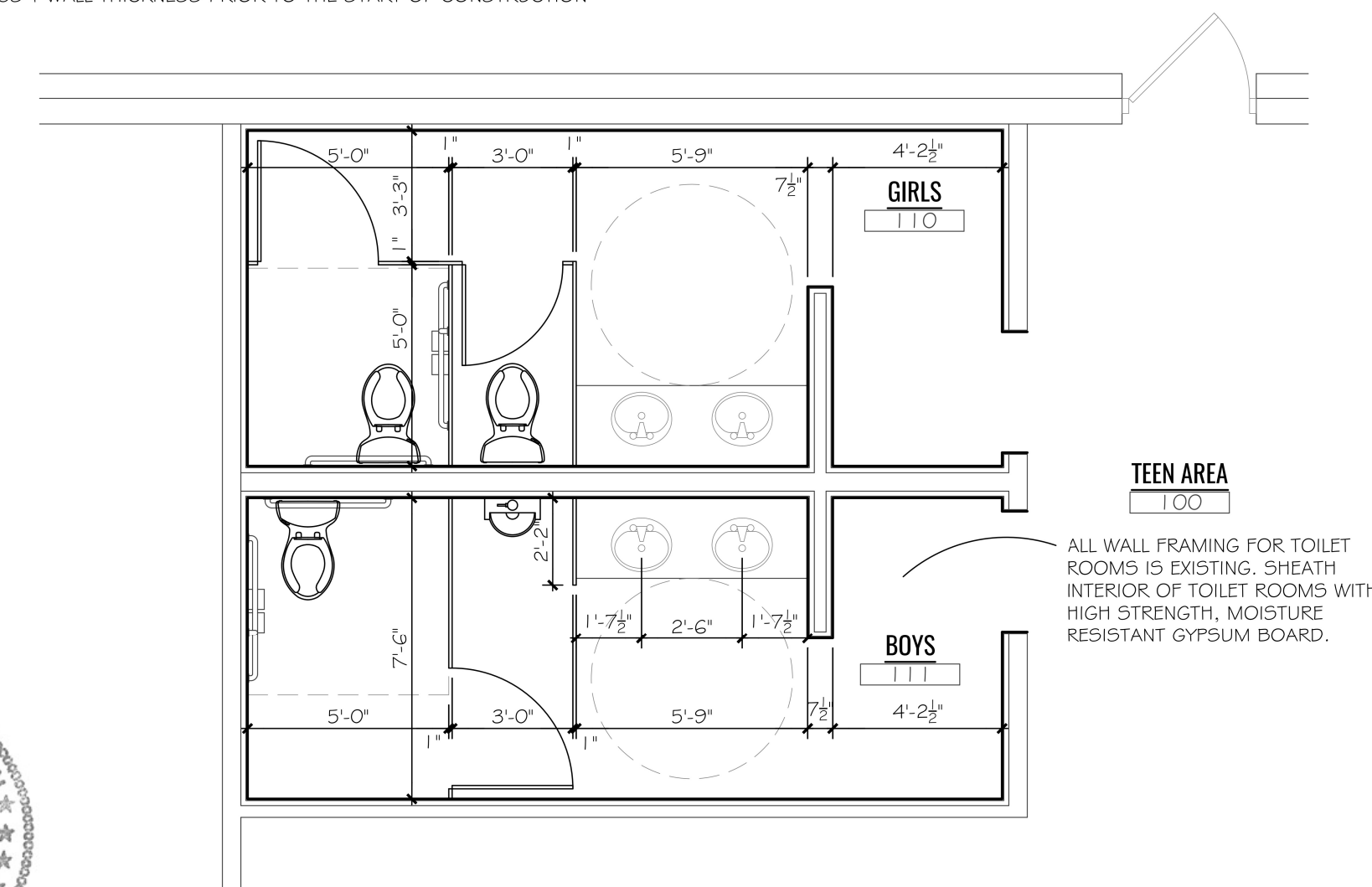
- NOTES:  
 1. PATCH AND PAINT EXISTING DRYWALL AS NECESSARY.  
 2. REPAIR EXISTING CEILING GRID AS NECESSARY. REPLACE TILES IF DAMAGED.

DOOR SCHEDULE									
DOOR LOCATION	TYPE	WIDTH	HEIGHT	MAT'L	GLAZING	FRAME	HARD.	FIRE RTG.	REMARKS
100A	TEEN AREA	SOLID	2x 3'-0"	7'-0"	LAMINATE	SMALL	HM	-	90 MIN
100B	TEEN AREA	EXISTING	3'-0"	7'-0"	LAMINATE	NONE	HM	-	NONE
102	STAIRWAY	SOLID	2x 3'-0"	7'-0"	LAMINATE	-	HM	-	90 MIN
103A	CLOSET	SOLID	2x 3'-0"	7'-0"	LAMINATE	-	HM	-	NONE
103B	CLOSET	SOLID	2x 3'-0"	7'-0"	LAMINATE	-	HM	-	NONE
104	COAT ROOM	SOLID	2'-0"	7'-0"	LAMINATE	-	HM	-	NONE
105A	GREEN ROOM	SOLID	3'-0"	7'-0"	LAMINATE	SMALL	HM	-	NONE
105B	GREEN ROOM	SOLID	3'-0"	7'-0"	LAMINATE	SMALL	HM	-	NONE
107	OFFICE	SOLID	3'-0"	7'-0"	LAMINATE	SMALL	HM	-	NONE
108	OFFICE	SOLID	3'-0"	7'-0"	LAMINATE	SMALL	HM	-	NONE
109	OFFICE	SOLID	3'-0"	7'-0"	LAMINATE	SMALL	HM	-	NONE

- NOTES:  
 1. WOOD LAMINATE DOOR TO MATCH EXISTING STAIN, WOOD GRAIN & FINISH.  
 2. EXISTING DOOR SAVED FROM DEMOLITION WORK & RELOCATED TO NEW LOCATION.  
 3. ALL FIRE RATED DOORS SHALL BE INSTALLED IN A FIRE RATED HOLLOW METAL (HM) DOOR FRAME WITH RATED HARDWARE.  
 4. VERIFY ALL ROUGH OPENINGS & WALL THICKNESS PRIOR TO THE START OF CONSTRUCTION



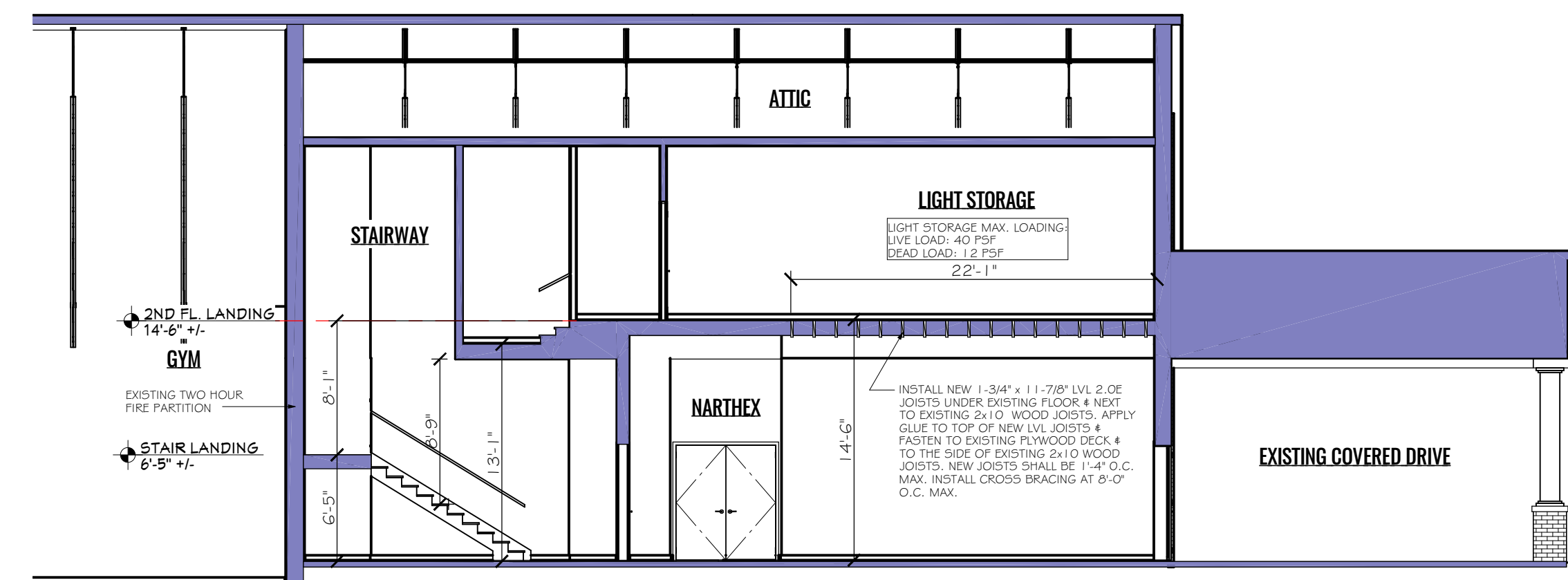
**C ACCESSIBLE FIXTURE CLEARANCES**  
A3.0 NOT TO SCALE



**B TOILET ROOM PLAN**  
A3.0 SCALE: 1/4" = 1'-0"



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**A SECTION**  
A3 SCALE: 1/8" = 1'-0"

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FOR THE CADILLAC REVIVAL CENTER  
 5676 EAST M-55 HWY.  
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drawing title:

**Stair Section  
 Schedules &  
 toilet room plan**

issue for:

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issue date:

**03.21.23**

drawing:

**A3**

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