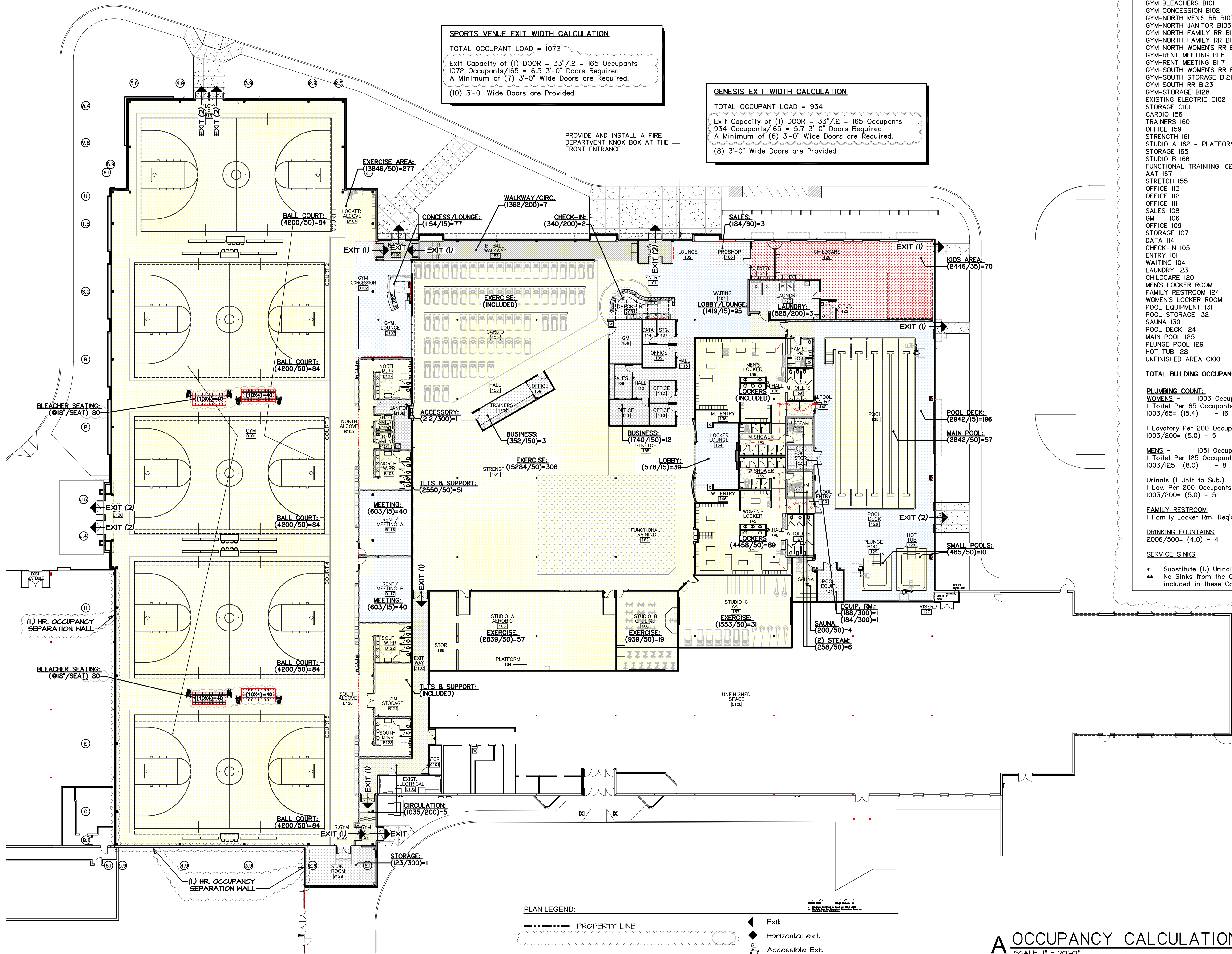




SPORTS VENUE EXIT WIDTH CALCULATION

TOTAL OCCUPANT LOAD = 1072

Exit Capacity of (1) DOOR = $33' / 2 = 165$ Occupants
1072 Occupants / 165 = 6.5 3'-0" Doors Required
A Minimum of (7) 3'-0" Wide Doors are Required.

(10) 3'-0" Wide Doors are Provided

GENESIS EXIT WIDTH CALCULATION

TOTAL OCCUPANT LOAD = 934

Exit Capacity of (1) DOOR = $33' / 2 = 165$ Occupants
934 Occupants / 165 = 5.7 3'-0" Doors Required
A Minimum of (6) 3'-0" Wide Doors are Required.

(8) 3'-0" Wide Doors are Provided

BUILDING OCCUPANCY:		
BUILDING AREA:	Load Factor	OCC. COUNT
GENESIS HEALTH CLUBS:		
GYM B101	50	633
GYM BLEACHERS B101	40 Per Bleacher x 4	40
GYM CONCESSION B102	15	77
GYM-NORTH MEN'S RR B107	50	6
GYM-NORTH JANITOR B106	300	1
GYM-NORTH FAMILY RR B109	50	2
GYM-NORTH FAMILY RR B110	150	2
GYM-NORTH WOMEN'S RR B108	50	6
GYM-RENT MEETING B116	15	44
GYM-RENT MEETING B117	15	44
GYM-SOUTH WOMEN'S RR B122	50	6
GYM-SOUTH STORAGE B121	300	2
GYM-SOUTH RR B123	50	6
GYM-STORAGE B128	300	2
EXISTING ELECTRIC C102	300	1
STORAGE C101	300	1
CARDIO 156	50	81
TRAINERS 160	150	2
OFFICE 159	150	1
STRENGTH 161	50	110
STUDIO A 162 + PLATFORM	50	49
STORAGE 165	300	2
STUDIO B 166	50	19
FUNCTIONAL TRAINING 162	50	52
AAT 167	50	31
STRETCH 155	50	14
OFFICE 113	50	1
OFFICE 112	150	1
OFFICE 111	150	2
SALES 108	150	1
GM 106	150	2
OFFICE 109	150	1
STORAGE 107	300	1
DATA 114	300	1
CHECK-IN 105	100	4
ENTRY 101	50	12
WAITING 104	15	77
LAUNDRY 123	100	6
CHILDCARE 120	35	70
MEN'S LOCKER ROOM	50	45
FAMILY RESTROOM 124	50	3
WOMEN'S LOCKER ROOM	50	45
POOL EQUIPMENT 131	300	1
POOL STORAGE 132	300	4
SAUNA 130	300	196
POOL DECK 124	125	57
MAIN POOL 125	50	5
PLUNGE POOL 129	5	5
HOT TUB 128	5	5
UNFINISHED AREA C100	300	78
TOTAL BUILDING OCCUPANCY:		2069
PLUMBING COUNT:		
WOMENS - 1003 Occupants For Plumb. Count.		
1 Toilet Per 65 Occupants		
1003/65= (15.4) - 16 16 Toilets Req'd. 18 Shown. ***		
1 Lavatory Per 200 Occupants		
1003/200= (5.0) - 5 5 Lavs Req'd. 13 Shown. ***		
MENS - 1051 Occupants For Plumb. Count.		
1 Toilet Per 125 Occupants		
1003/125= (8.0) - 8 8 Toilets Req'd. 8 Shown. ***		
Urinals (1 Unit to Sub.)		
1 Lav. Per 200 Occupants		
1003/200= (5.0) - 5 5 Lavs Req'd. 12 Shown. ***		
FAMILY RESTROOM		
*** Fixture not in count above		
1 Family Locker Rm. Req'd.		
1 Family Locker & Shower shown.		
DRINKING FOUNTAINS		
1 DF Per 500 Occupants		
2006/500= (4.0) - 4 4 Dfs. Req'd. 8 shown.		
SERVICE SINKS		
1 Req'd. 2 shown. **		
* Substitute (1) Urinal for Toilet per. 422.6 <67%		
** No Sinks from the Check-in or Concessions Desks are included in these Calculations.		

2022
GENESIS HEALTH CLUBS
SOUTHRIDGE MALL
1111 East Army Post Road
Des Moines, Iowa 50315



DRAWINGS ISSUED			
NO.	DATE	ITEM	ISSUED
11	4/12/22	ADDENDUM 1	
10	3/25/22	CODE REVISIONS	
9	2/11/22	PERMIT SET	
8	1/25/22	CHECK SET	
7	12/15/21	CHECK SET	
6	9/24/21	CHECK SET	
5	8/21/21	SITE PLAN REVIEW	
4	7/21/21	UDRB SUBMITTAL	
3	7/08/21	MILESTONE DEV. PLAN	
2	5/25/21	CONCEPT DEV. PLAN	
1	3/20/21	CONCEPT DEV. PLAN	

COMPUTER DRAWING	
DM5_CODE_3.dwg	

DATE:	AUGUST 2021
DRAWN BY:	CHECKED BY:
MH, CH, DH, TH, TC	MRH

SHEET	
CODE 3	
OF	SHEETS