



# ROBERT CROWN COMMUNITY CENTER AND ICE COMPLEX

**WTA+MJMA**  
Woodhouse Tinucci Architects      MacLennan Jaunkalns Miller Architects



# OVER 25 YEARS OF COMMUNITY AND PARK DISTRICT EXPERIENCE





# ALMOST 30 YEARS FOCUSED ON MULTI-USE COMMUNITY REC





# OVER 12 COMBINED COMMUNITY RECREATION / BRANCH LIBRARIES





# REAL PROJECTS FOR REAL MUNICIPALITIES



ATLAS TUBE CENTER & LIBRARY



AUDLEY COMMUNITY CENTER & LIBRARY



VALE HEALTH & WELLNESS CENTER



WOOLWICH MEMORIAL CENTER



INNISFIL RECREATION COMPLEX



SW COMMUNITY CENTRE & LIBRARY

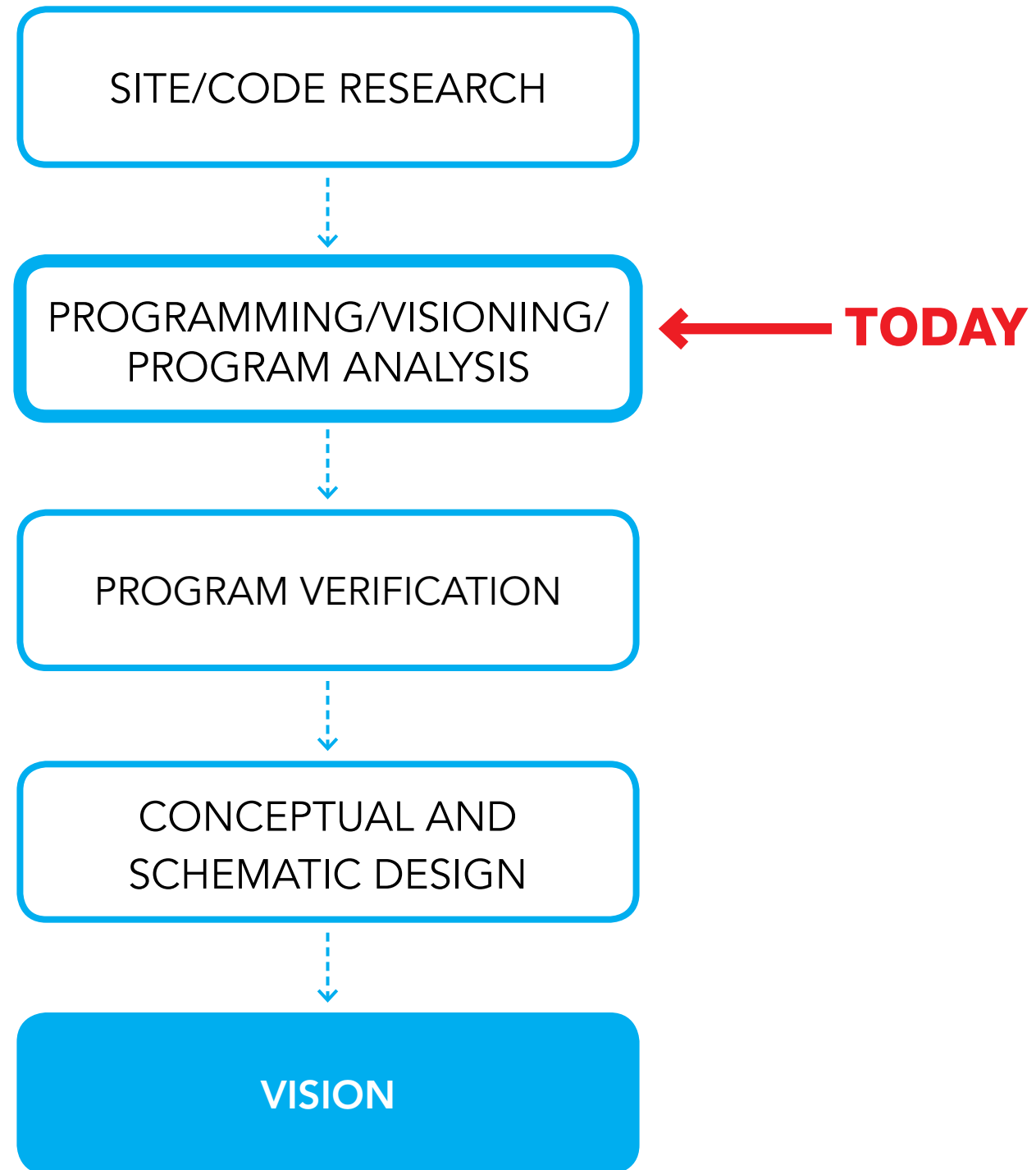


BESSARION COMMUNITY CENTER & LIBRARY



SHERWOOD COMMUNITY CENTRE & LIBRARY

# PROCESS





# A COMMUNITY IN SUPPORT OF A COMMUNITY CENTER





# CREATE AN ICONIC NEIGHBORHOOD LANDMARK





# FOR ALL AGES AND ABILITIES





# TO MEET, PLAY, LEARN





# ADDRESS THE NEIGHBORHOOD AND THE PARK





# FLEXIBILITY OF PROGRAMMING



DIGITAL CENTER



FLEXIBLE STACKS



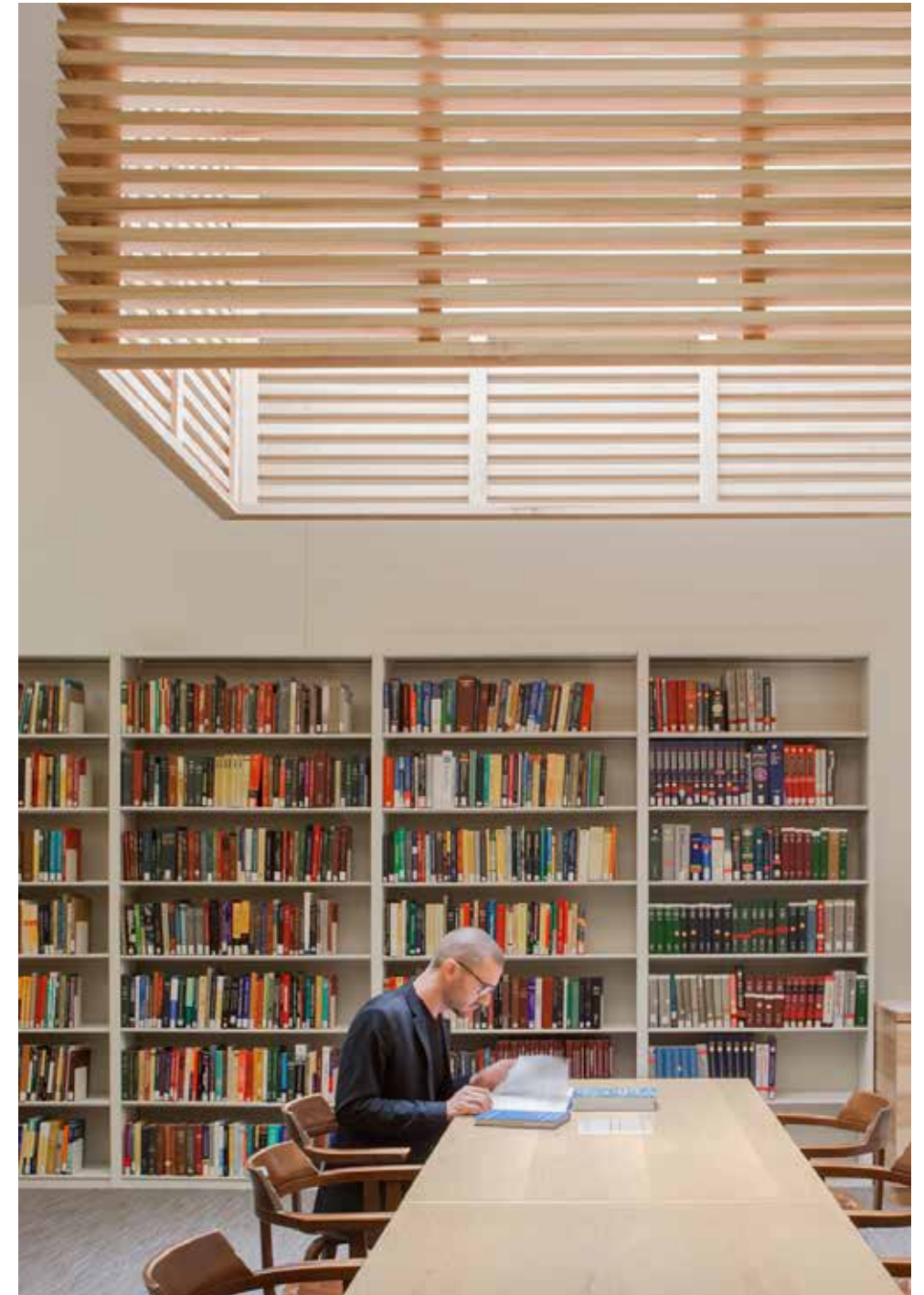
SPACES FOR ALL AGES



COLLABORATION



# LIBRARY INTEGRATED BUT WITH OWN IDENTITY





# OPEN AND INVITING FOR THE ENTIRE COMMUNITY





# NATURAL LIGHT TO ALL SPACES





# A PARK FOR EVERYONE





# SUSTAINABLE





# LOBBY SPACE AS CIVIC HEART



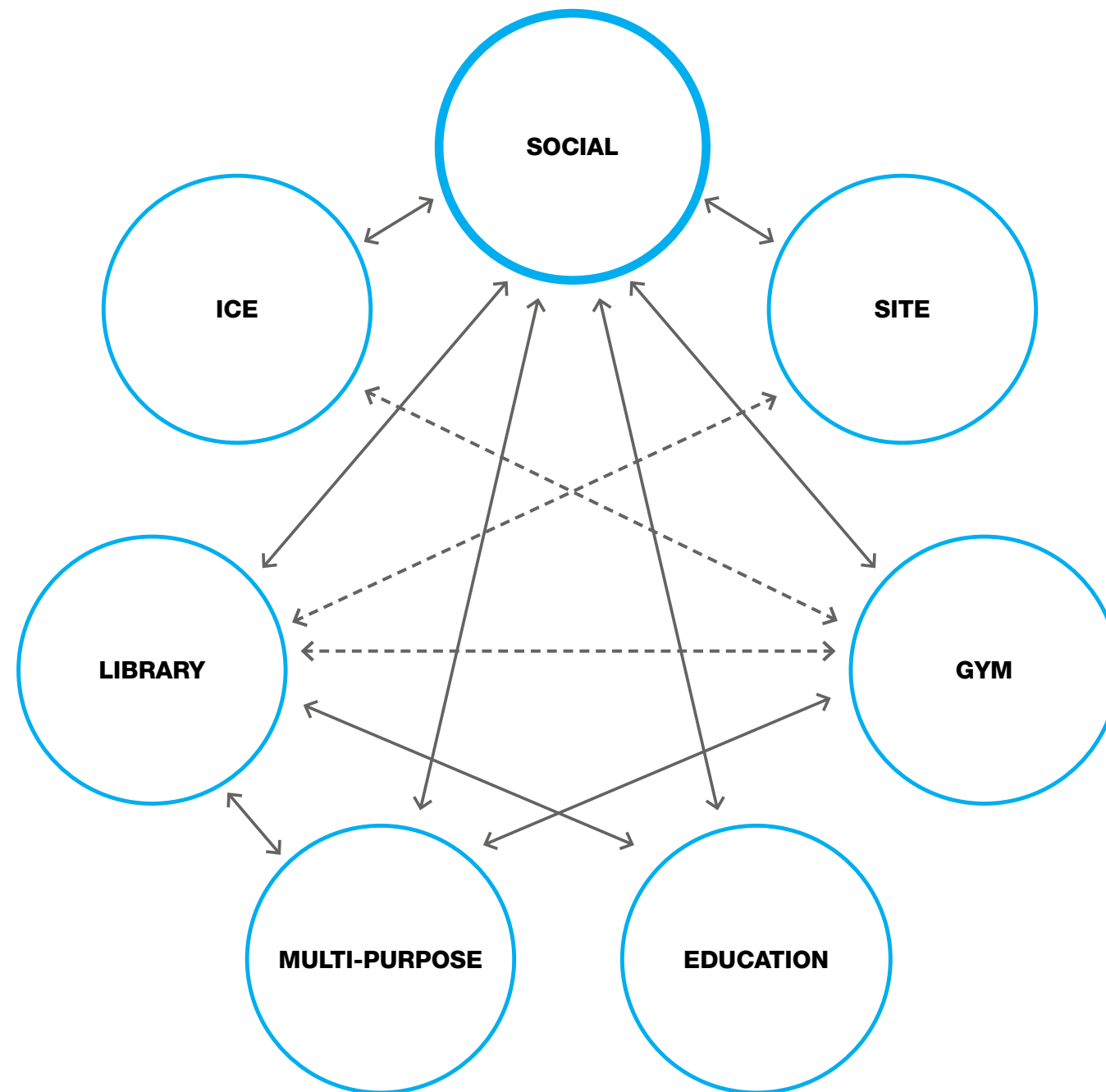


# PROJECT PROGRAM

<b>ICE RINK</b>	<b>SF</b>	<b>SITE</b>	<b>SF</b>
RINK 1 (OLYMPIC)	24,000	BUILDING	128,100
RINK 2 (NHL)	22,000	PARKING	120,000
SPECTATORS	8,000	SPORTS FIELDS	300,000
LOCKER ROOMS	6,500	LANDSCAPE/OTHER	171,900
SUPPORT	6,500	<b>SITE TOTAL</b>	<b>720,000</b>
	<b>67,000</b>		
<b>RECREATION</b>			
GYMNASIUM	11,000		
FITNESS ROOM	2,000		
SUPPORT	2,600		
	<b>15,600</b>		
<b>LIBRARY</b>			
LIBRARY	3,300		
MEETING ROOMS	600		
SUPPORT	1,120		
	<b>5,020</b>		
<b>COMMUNITY CENTER</b>			
MULTI-PURPOSE	3,000		
PRE-SCHOOL	2,000		
DANCE	1,000		
SUPPORT	3,500		
	<b>9,500</b>		
<b>SUBTOTAL</b>	<b>97,120</b>		
TRACK	5,000		
SOCIAL SPACE/CIRCULATION	12,255		
INFASTRUCTURE/MECHANICAL	13,725		
<b>BUILDING TOTAL</b>	<b>128,100</b>		

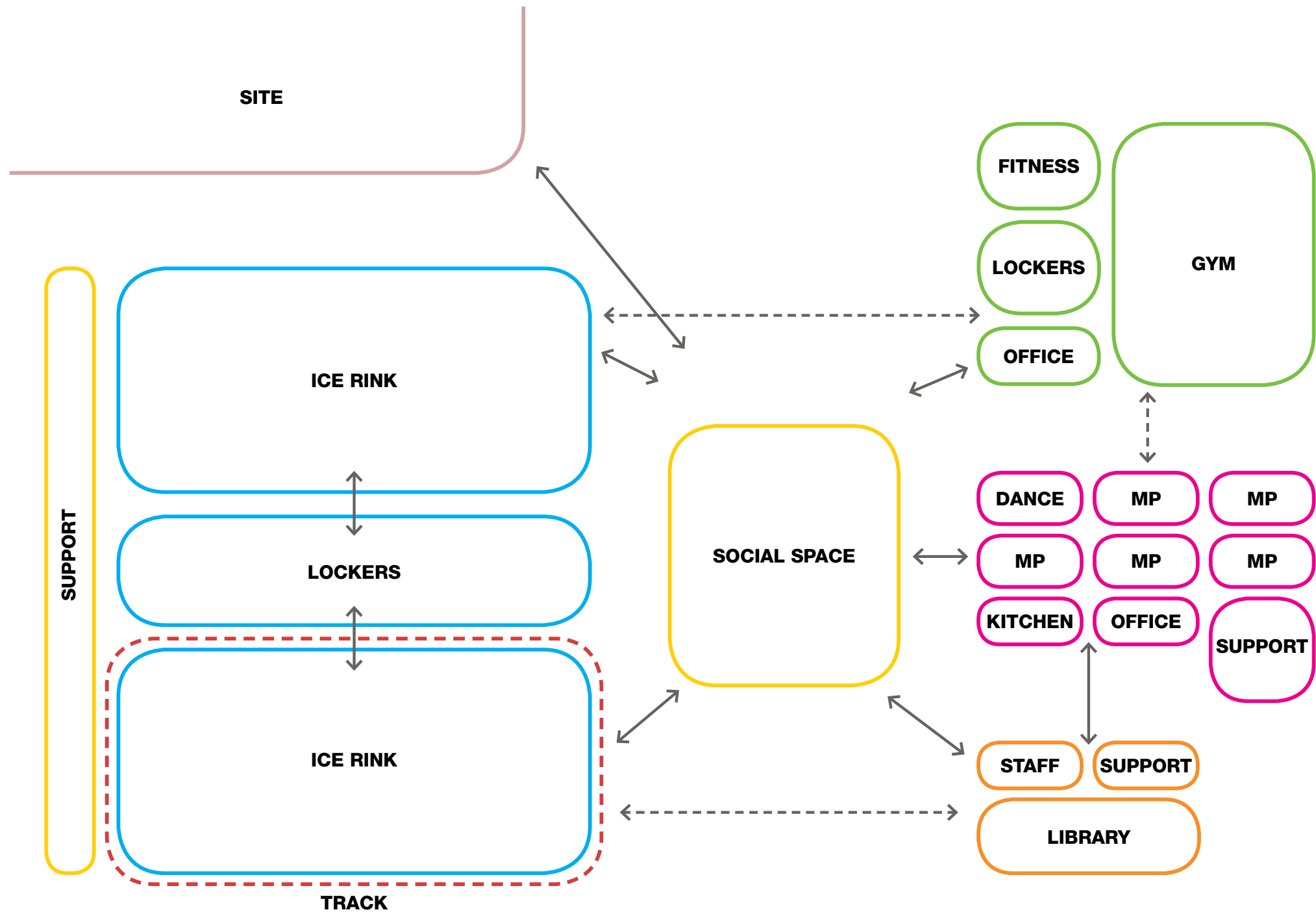


# PROGRAM AND PROGRAM DIAGRAMS





# PROGRAM AND PROGRAM DIAGRAMS





# INDOOR ATHLETICS

	SF	SITE	SF
<b>ICE RINK</b>			
RINK 1 (OLYMPIC)	24,000	BUILDING	128,100
RINK 2 (NHL)	22,000	PARKING	120,000
SPECTATORS	8,000	SPORTS FIELDS	300,000
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<b>BUILDING TOTAL</b>	<b>128,100</b>		



# ICE ARENA PROGRAMMING



**HOCKEY**



**WARM SIDE VIEWING**



**LESSONS**



**LOCKER | CHANGE ROOMS**



**SLED HOCKEY**



**TRACK**



**SPEED SKATING**



**FIGURE SKATING**

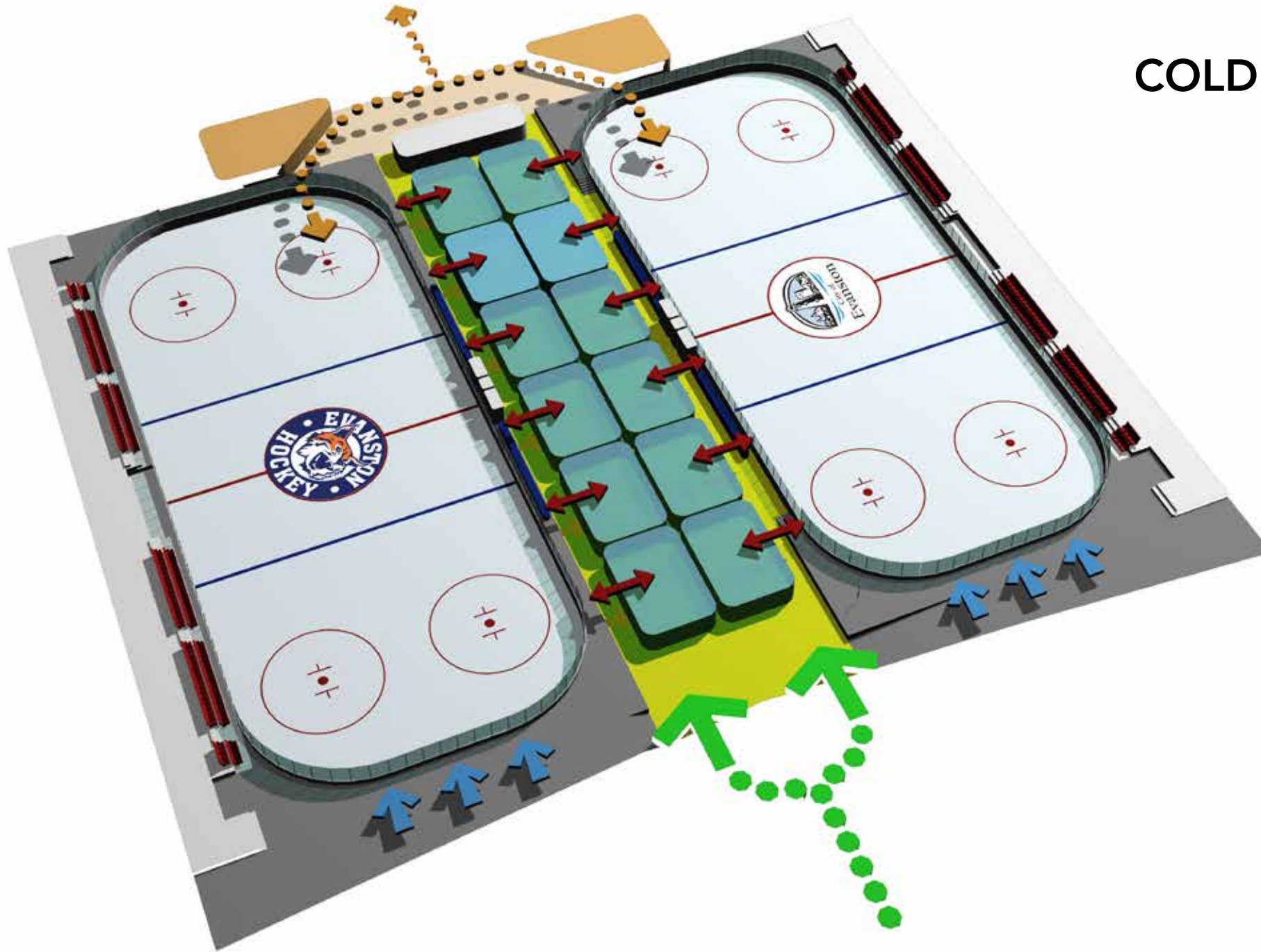


**SPECTATOR VIEWING**



# ARENA LAYOUT

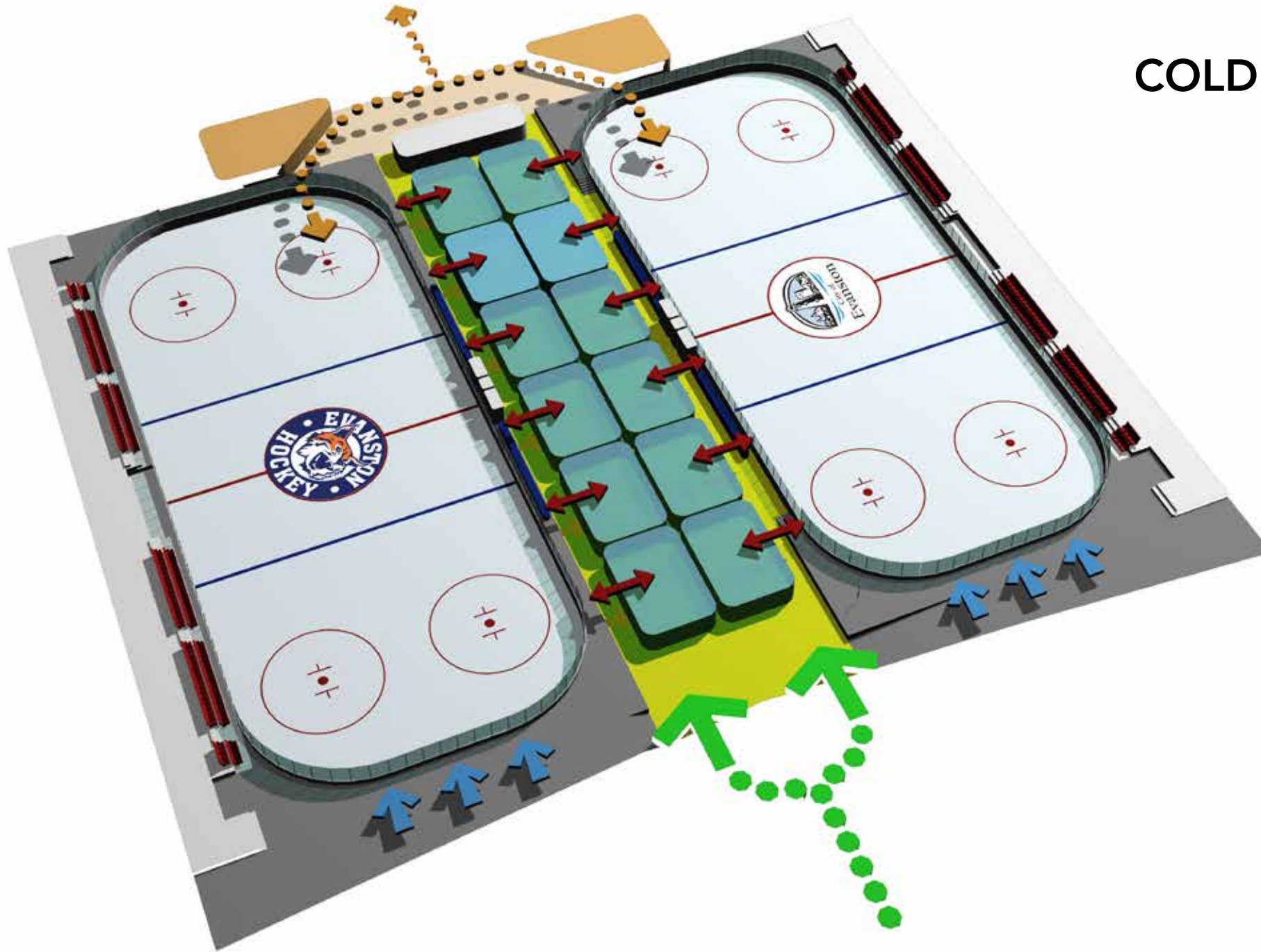
COLD ACCESS





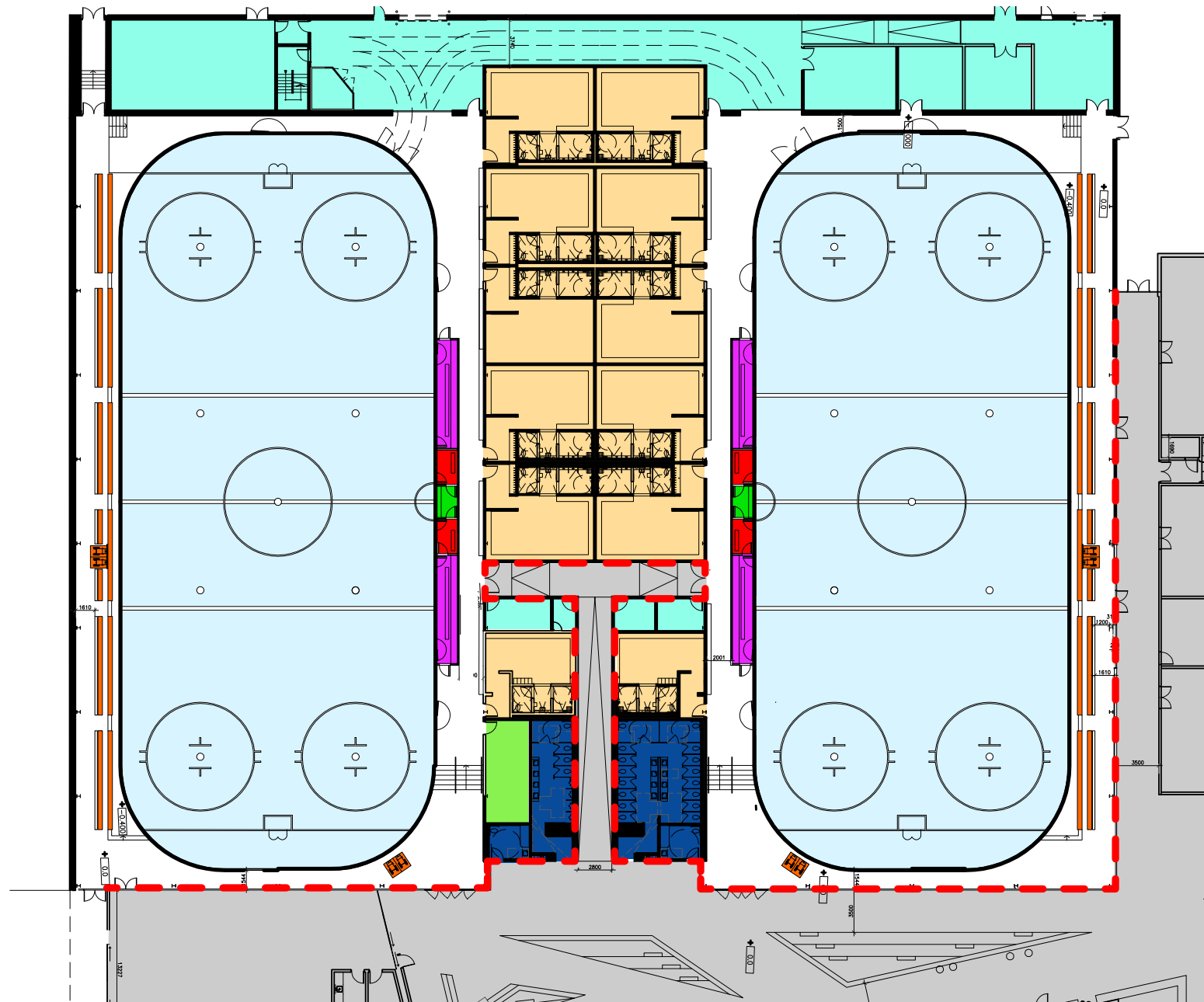
# ARENA LAYOUT

COLD ACCESS





# ARENA LAYOUT



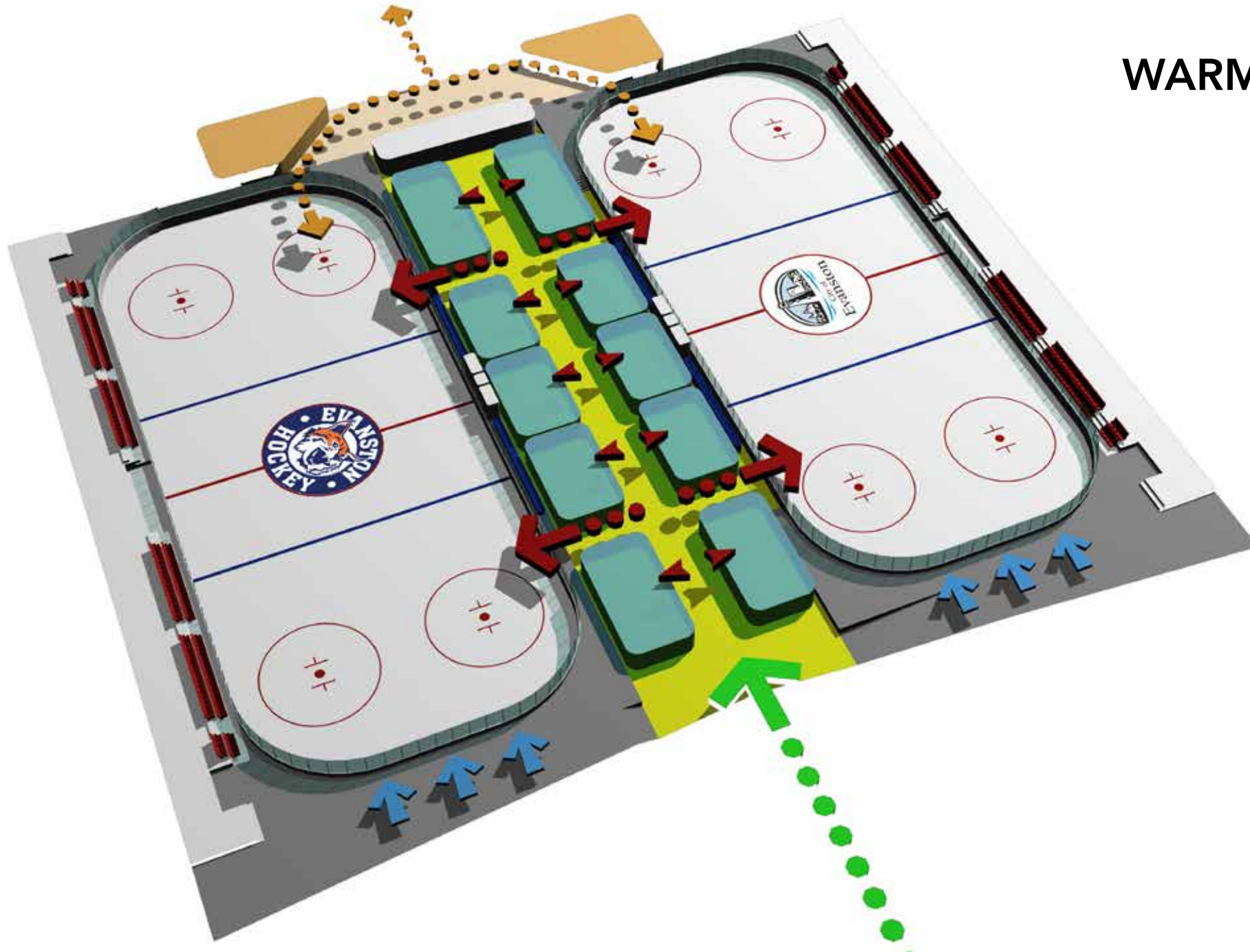
**COLD ACCESS**  
200 BENCH SEATS

**LEVEL 1**



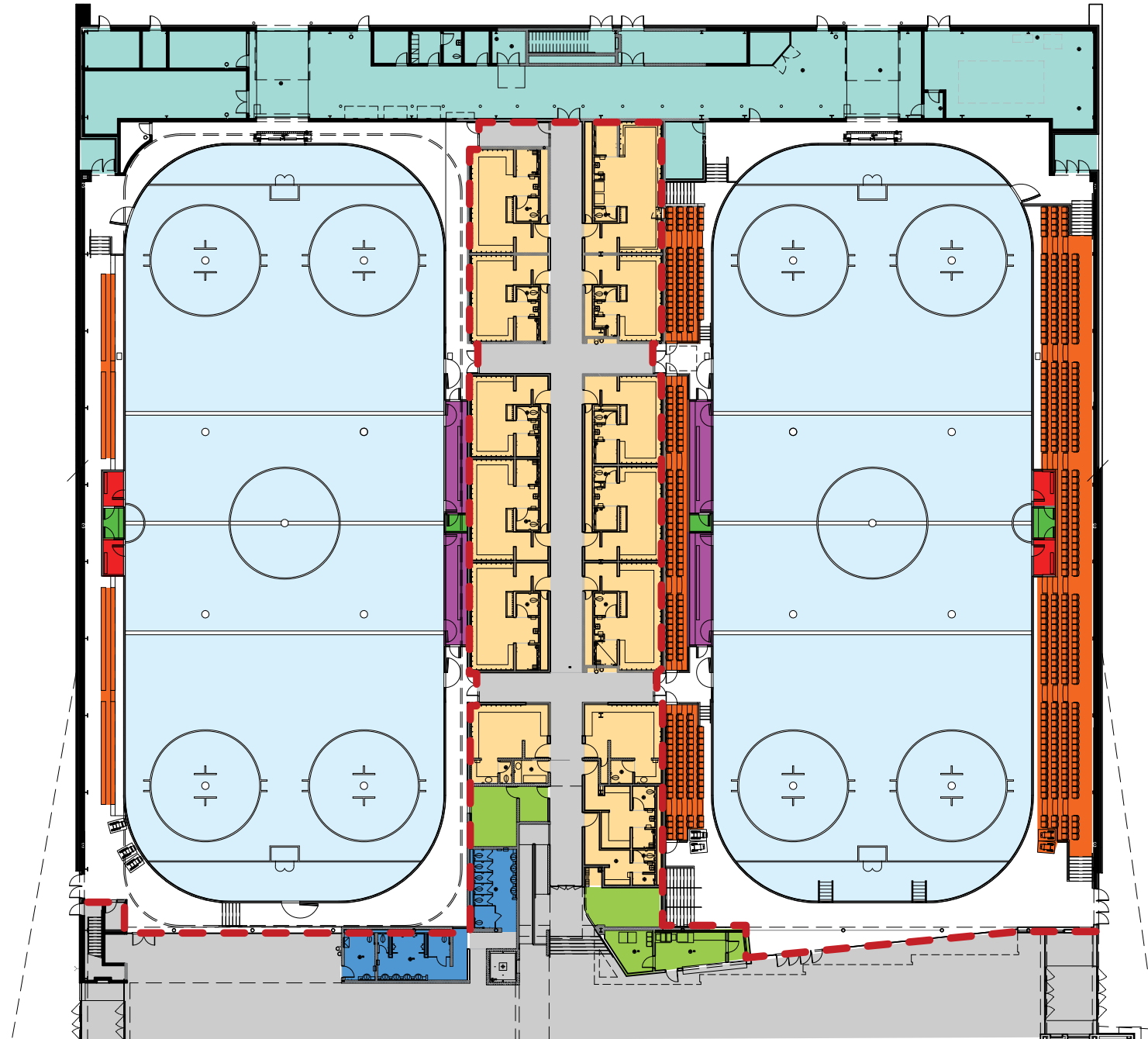
# ARENA LAYOUT

WARM ACCESS





# ARENA LAYOUT

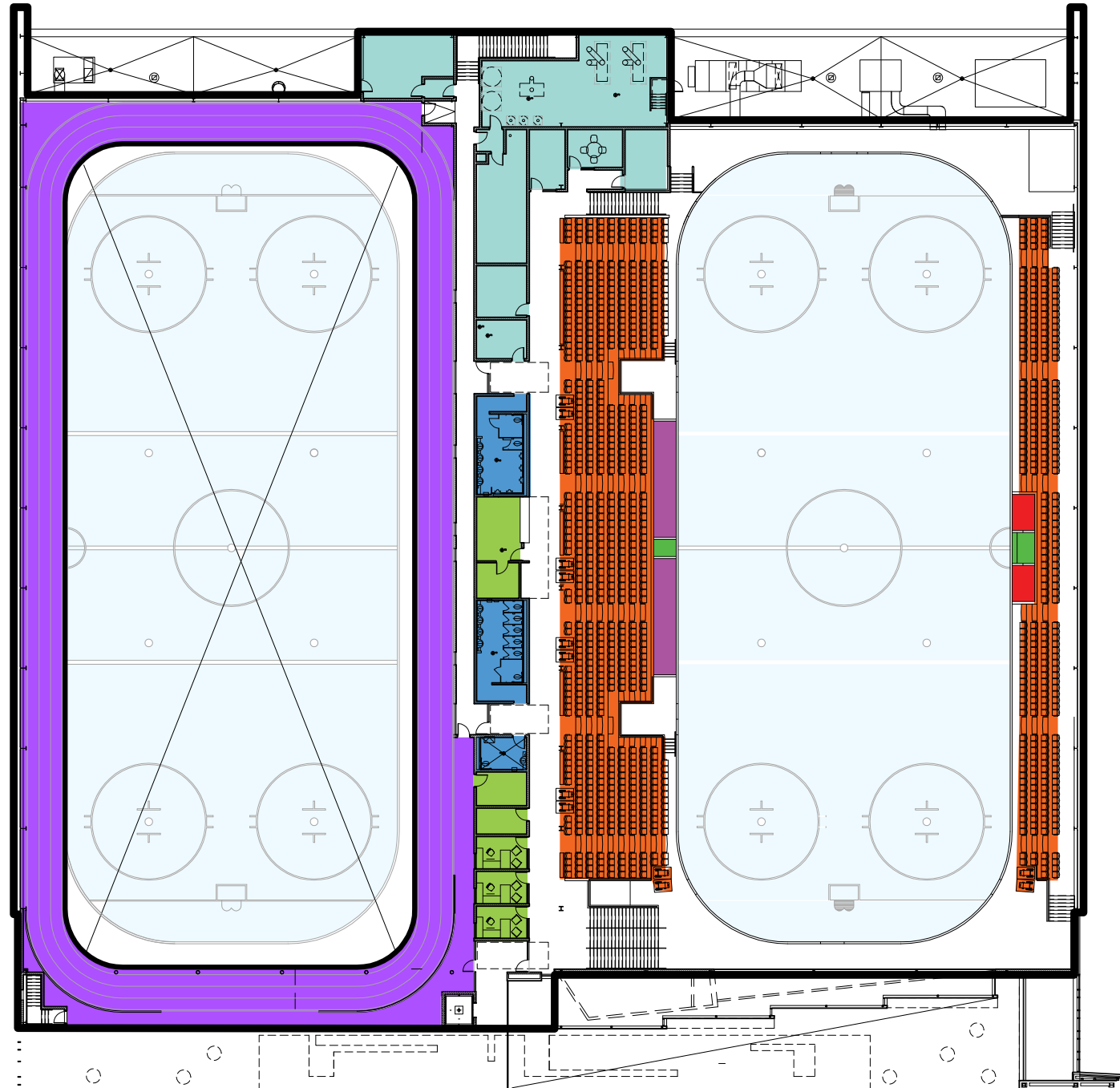


**WARM ACCESS**  
1000 SEATS

**LEVEL 1**



# RINK LAYOUT



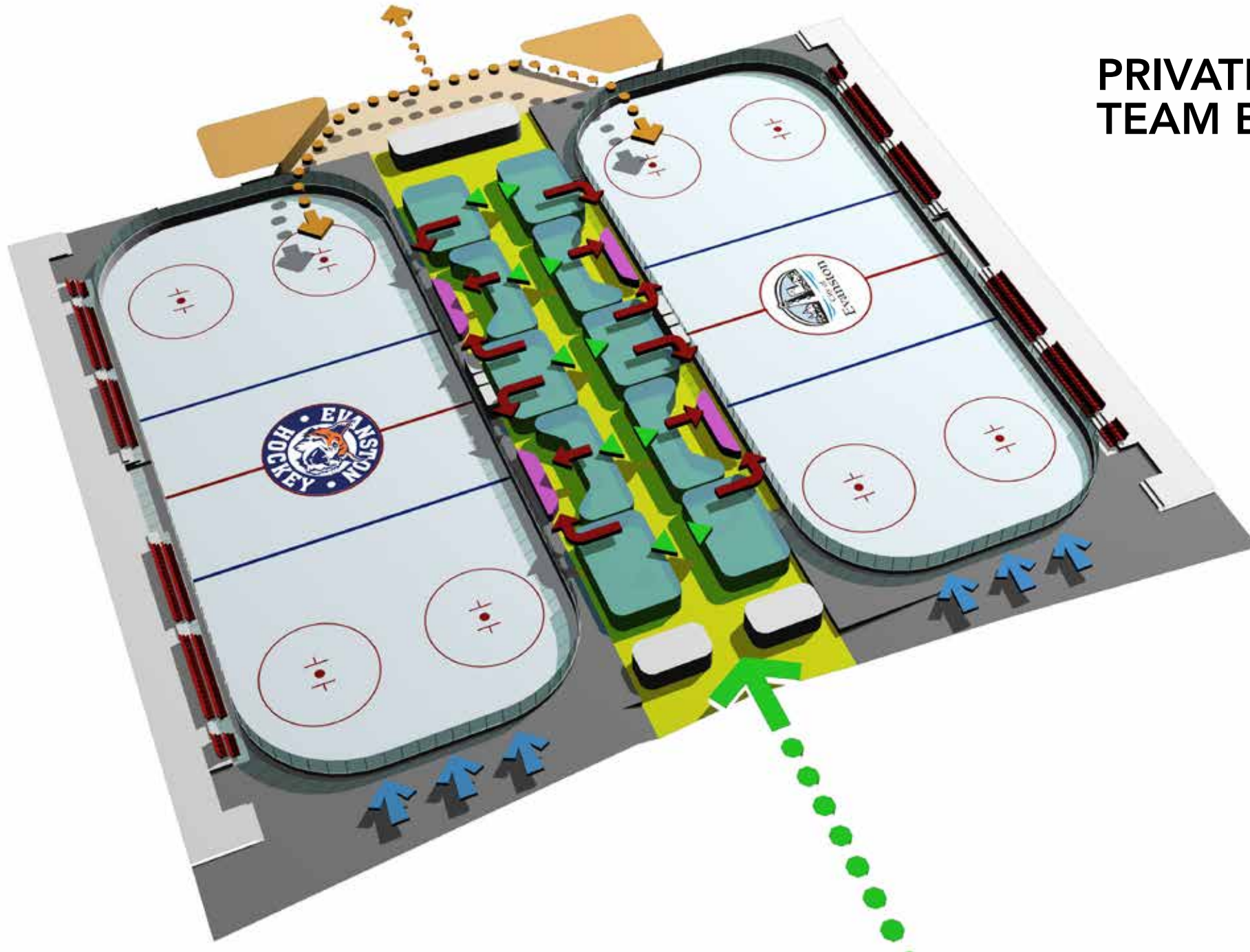
**WARM ACCESS**  
1000 SEATS

**LEVEL 2**



# RINK LAYOUT

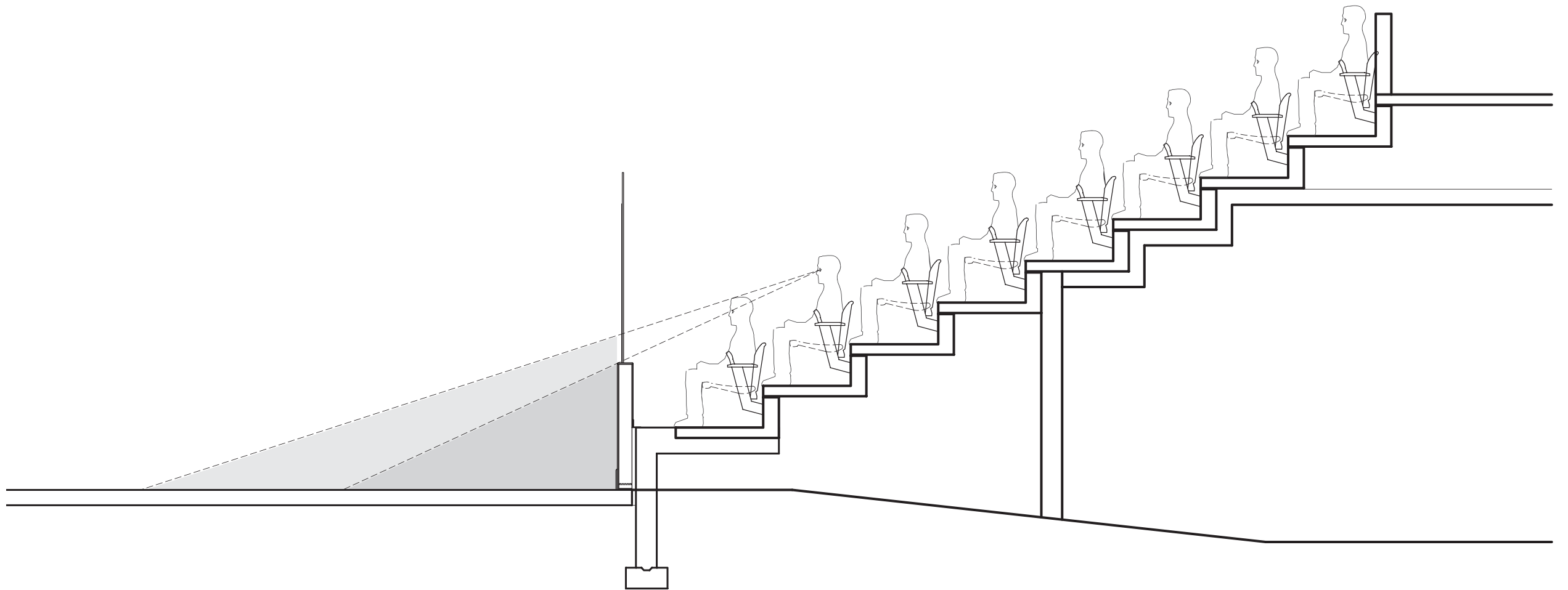
**PRIVATE ACCESS TO  
TEAM BENCHES**





# ARENA SEATING

## DASHER BOARD SEATING





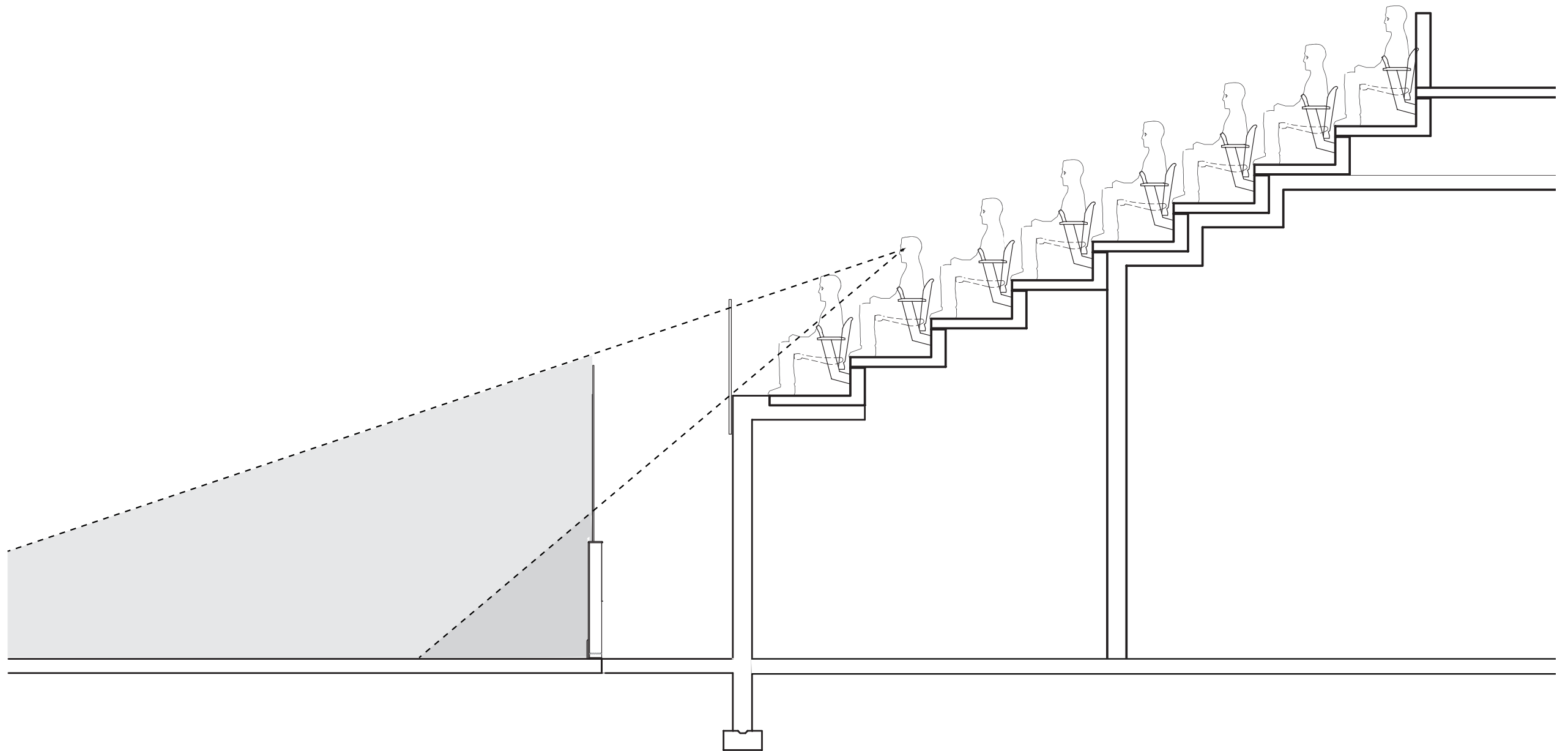
# ARENA SEATING

## DASHER BOARD SEATING



# ARENA SEATING

## DASHER BOARD WALKWAY





# ARENA SEATING

**DASHER BOARD WALKWAY**





# ARENA SEATING TYPES

**BENCHES**

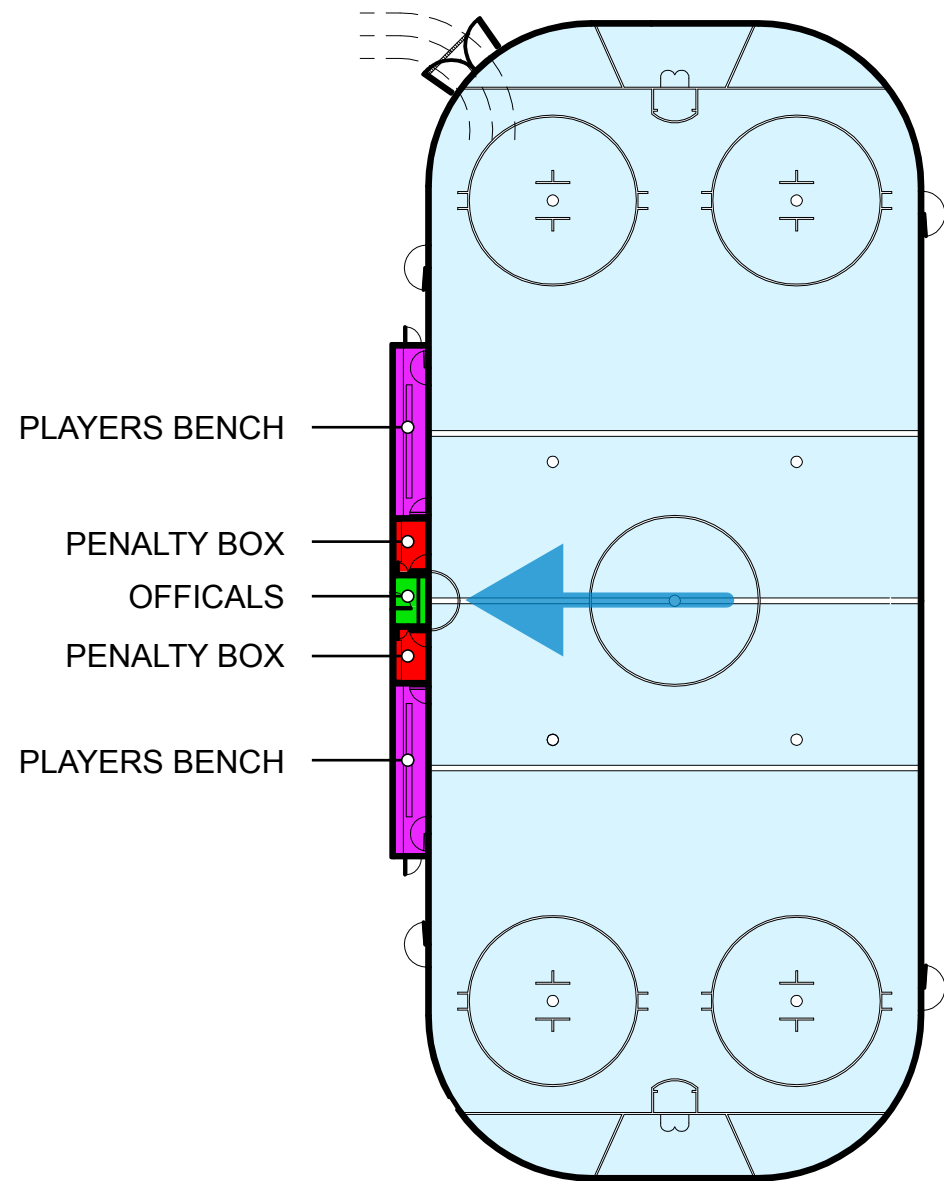


**SEATS**





# RINK BENCH LAYOUT



PLAYERS BENCH

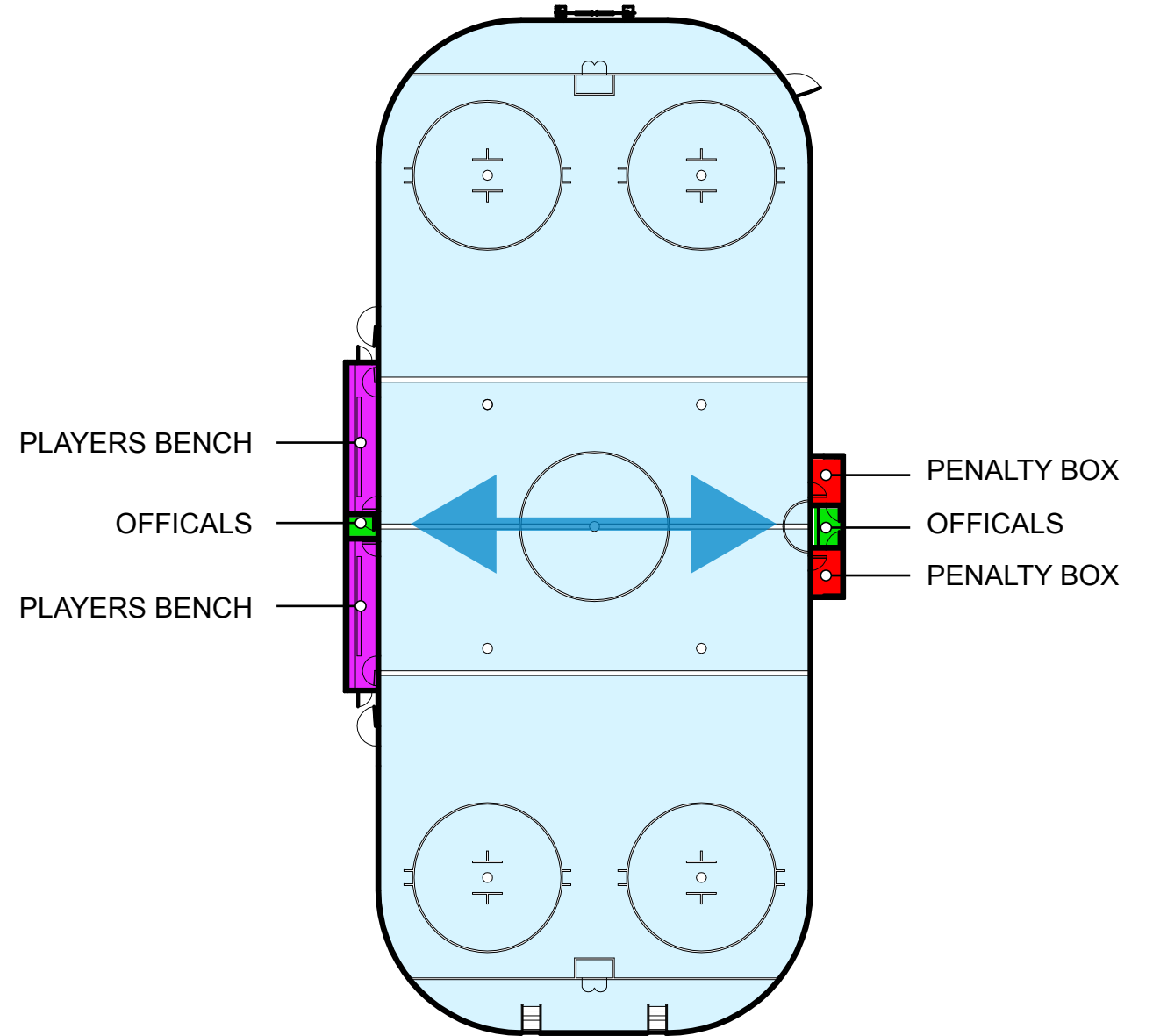
PENALTY BOX

OFFICIALS

PENALTY BOX

PLAYERS BENCH

**SINGLE-SIDE LAYOUT**  
ACTON ARENA



PLAYERS BENCH

OFFICIALS

PLAYERS BENCH

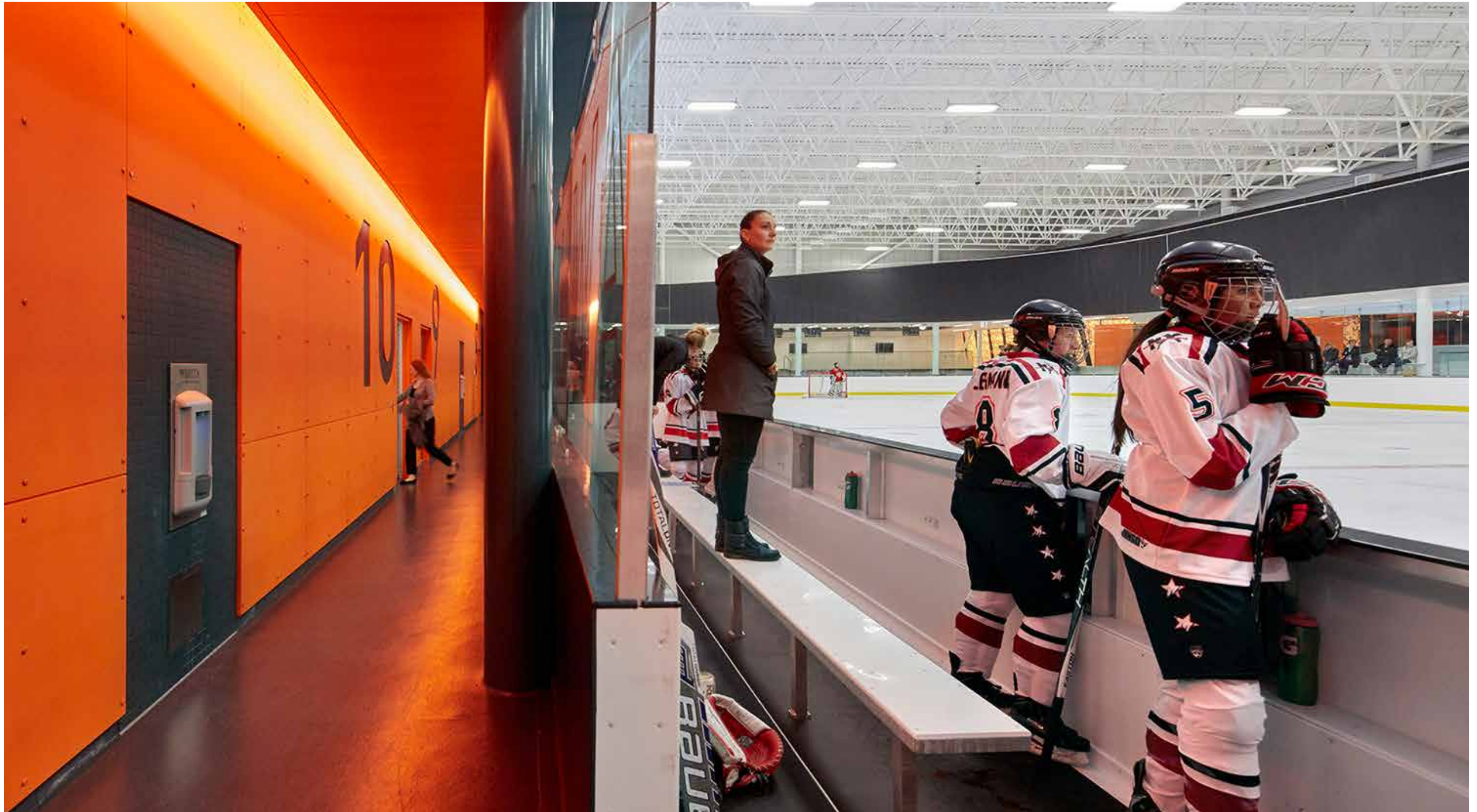
PENALTY BOX

OFFICIALS

PENALTY BOX

**DUAL-SIDE LAYOUT**  
INNISFIL ARENA

# PLAYERS BENCH





# PRACTICE HARNESS



# LOCKER ROOMS

TYP. LOCKER ROOM LAYOUT  
(+/- 500 sq. ft)





# RECREATION PROGRAMMING



**GYMNASIUM**



**TEAM ACTIVITIES**



**DANCE | YOGA**



**WELLNESS + TRAINING**



**VISUAL CONNECTION TO OUTSIDE**



**WALKING + RUNNING TRACK**



**VIEWS INTO PROGRAM**

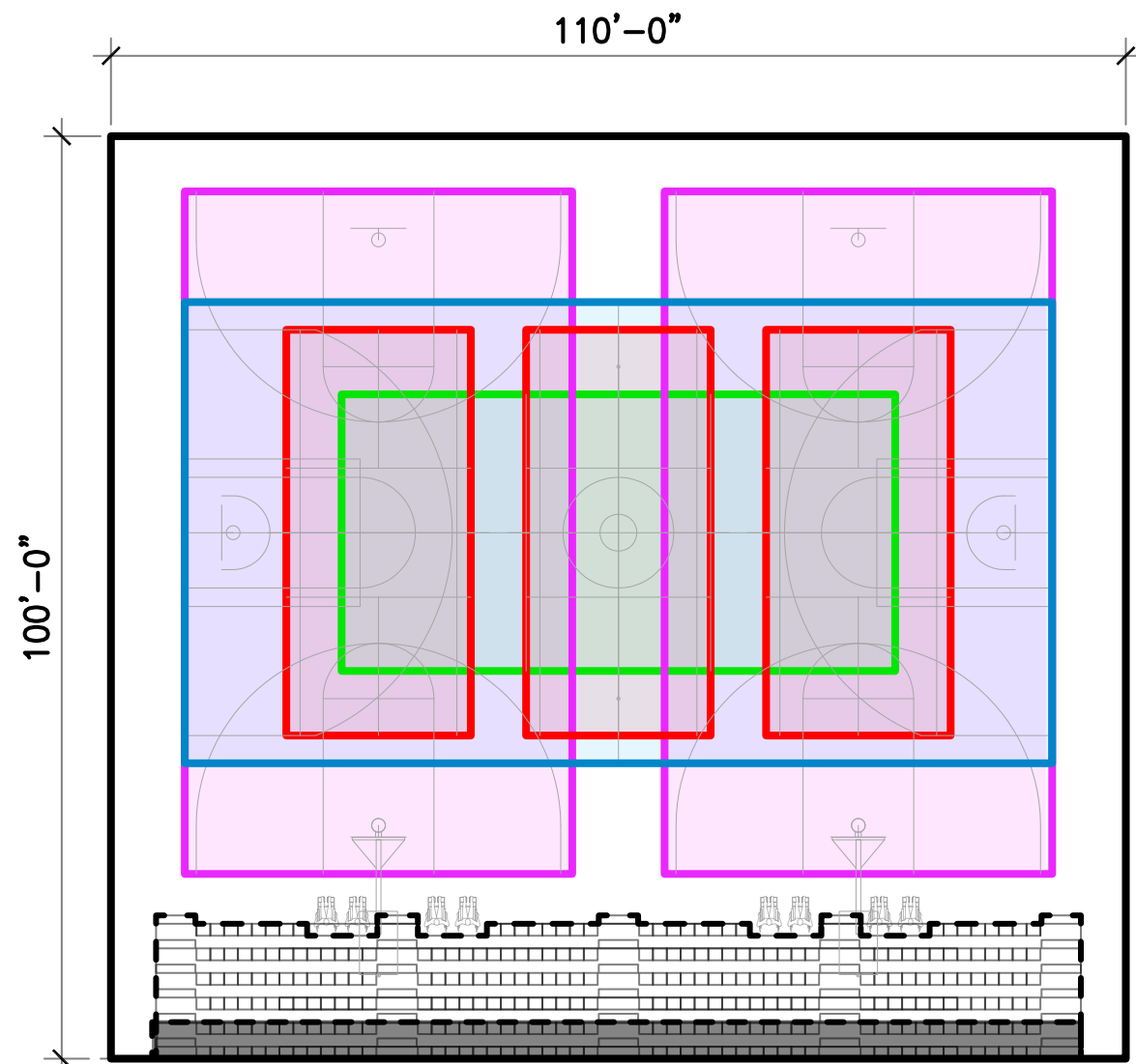


**CHANGING ROOMS | LOCKERS**

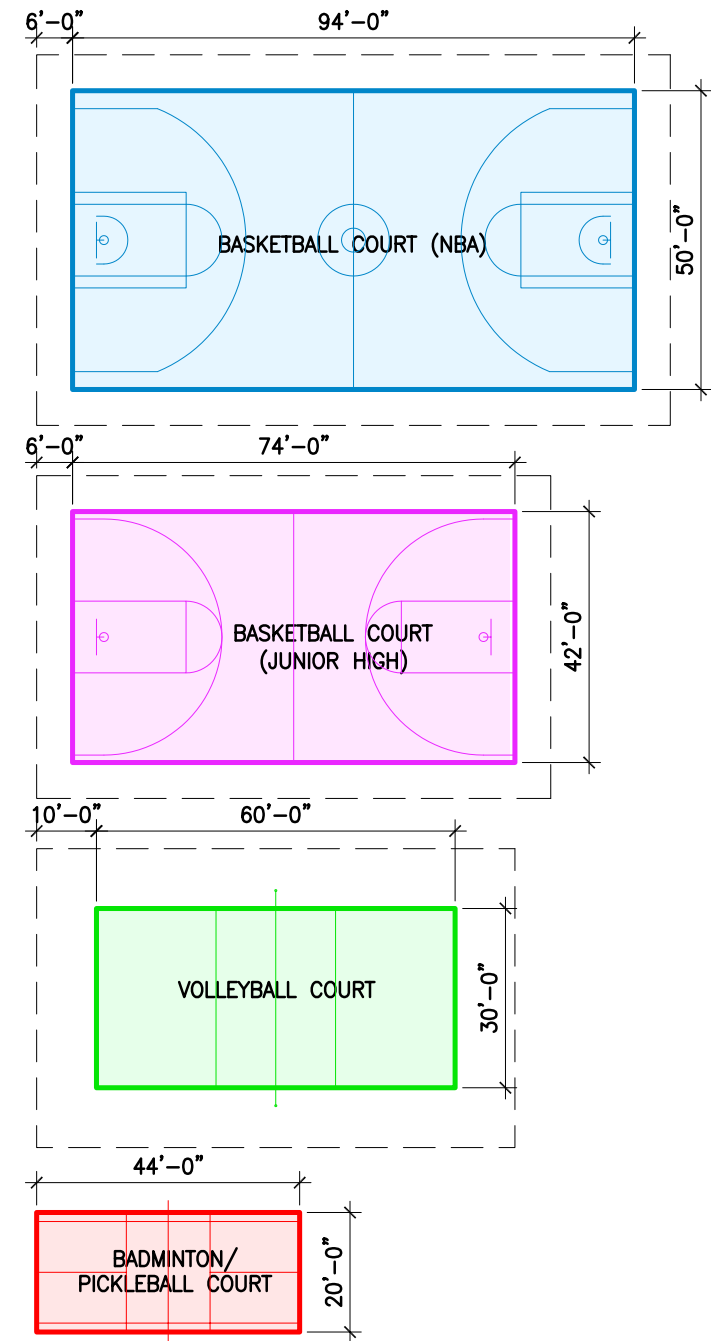


**MULTI | EXTENDED USE**

# GYMNASIUM



GYMNASIUM AREA = 11,000 SF  
BLEACHER SEATS=300



GYMNASIUM COURT DIAGRAM

COURT PROGRAM DIAGRAMS



# BATTING CAGE





# CURTAIN DIVIDERS



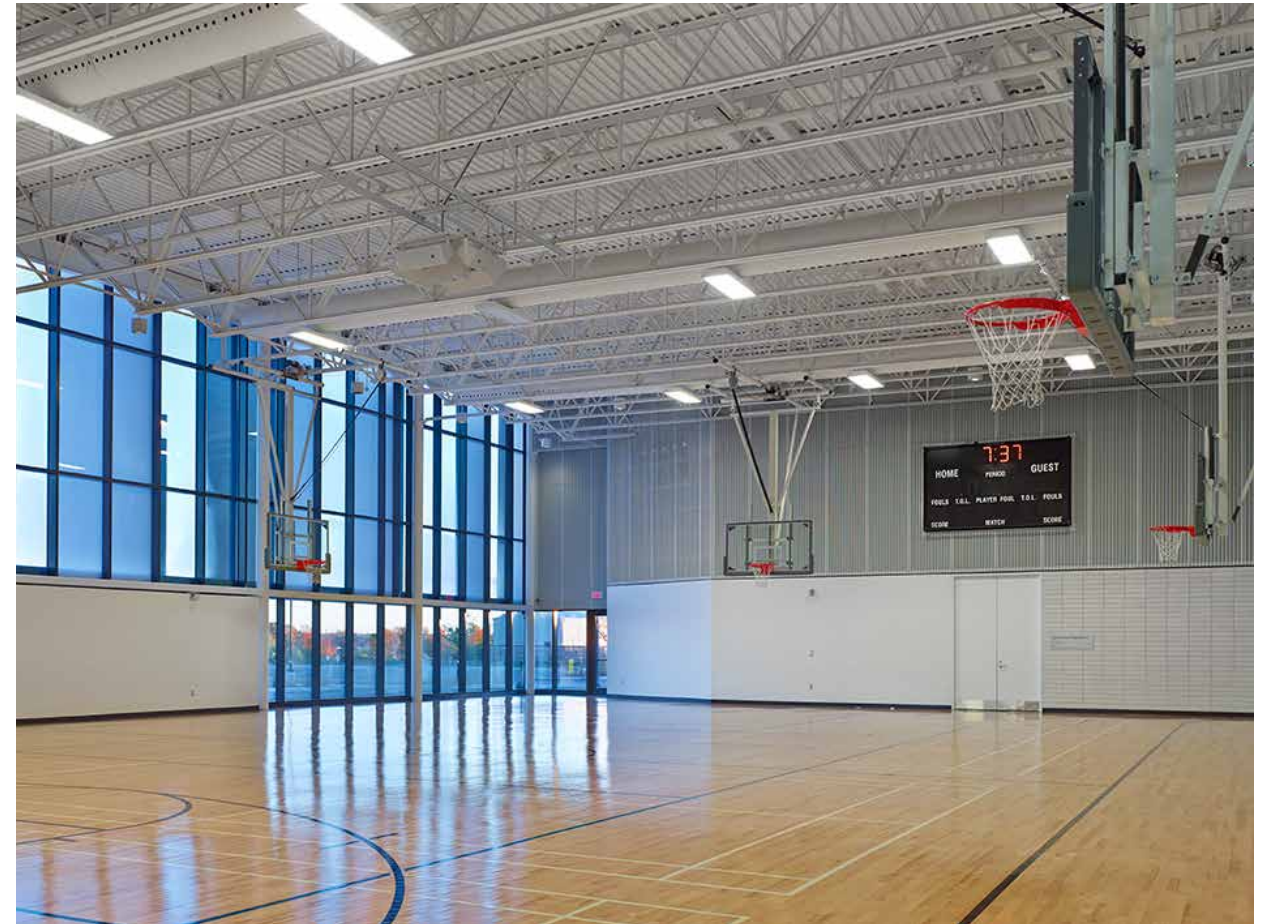


# GYMNASTICS INSERTS





# BACKSTOPS





# LOCKER ROOMS



# RUNNING TRACK





# OTHER CONSIDERATIONS





# OUTDOOR ATHLETICS

<b>ICE RINK</b>	<b>SF</b>
RINK 1 (OLYMPIC)	24,000
RINK 2 (NHL)	22,000
SPECTATORS	8,000
LOCKER ROOMS	6,500
SUPPORT	6,500
	<b>67,000</b>

<b>RECREATION</b>	
GYMNASIUM	11,000
FITNESS ROOM	2,000
SUPPORT	2,600
	<b>15,600</b>

<b>LIBRARY</b>	
LIBRARY	3,300
MEETING ROOMS	600
SUPPORT	1,120
	<b>5,020</b>

<b>COMMUNITY CENTER</b>	
MULTI-PURPOSE	3,000
PRE-SCHOOL	2,000
DANCE	1,000
SUPPORT	3,500
	<b>9,500</b>

**SUBTOTAL** **97,120**

TRACK	5,000
SOCIAL SPACE/CIRCULATION	12,255
INFASTRUCTURE/MECHANICAL	13,725
<b>BUILDING TOTAL</b>	<b>128,100</b>

<b>SITE</b>	<b>SF</b>
BUILDING	128,100
PARKING	120,000
SPORTS FIELDS	300,000
LANDSCAPE/OTHER	171,900
<b>SITE TOTAL</b>	<b>720,000</b>



# OUTDOOR PROGRAMMING



**AFTER SHOOOL PROGRAMMS**



**SPECTATOR SPACE**



**SOCCER**



**NIGHT PROGRAMMING**



**BASEBALL / SOFTBALL**



**OUTDOOR FITNESS PATHS**



**FOOTBALL**

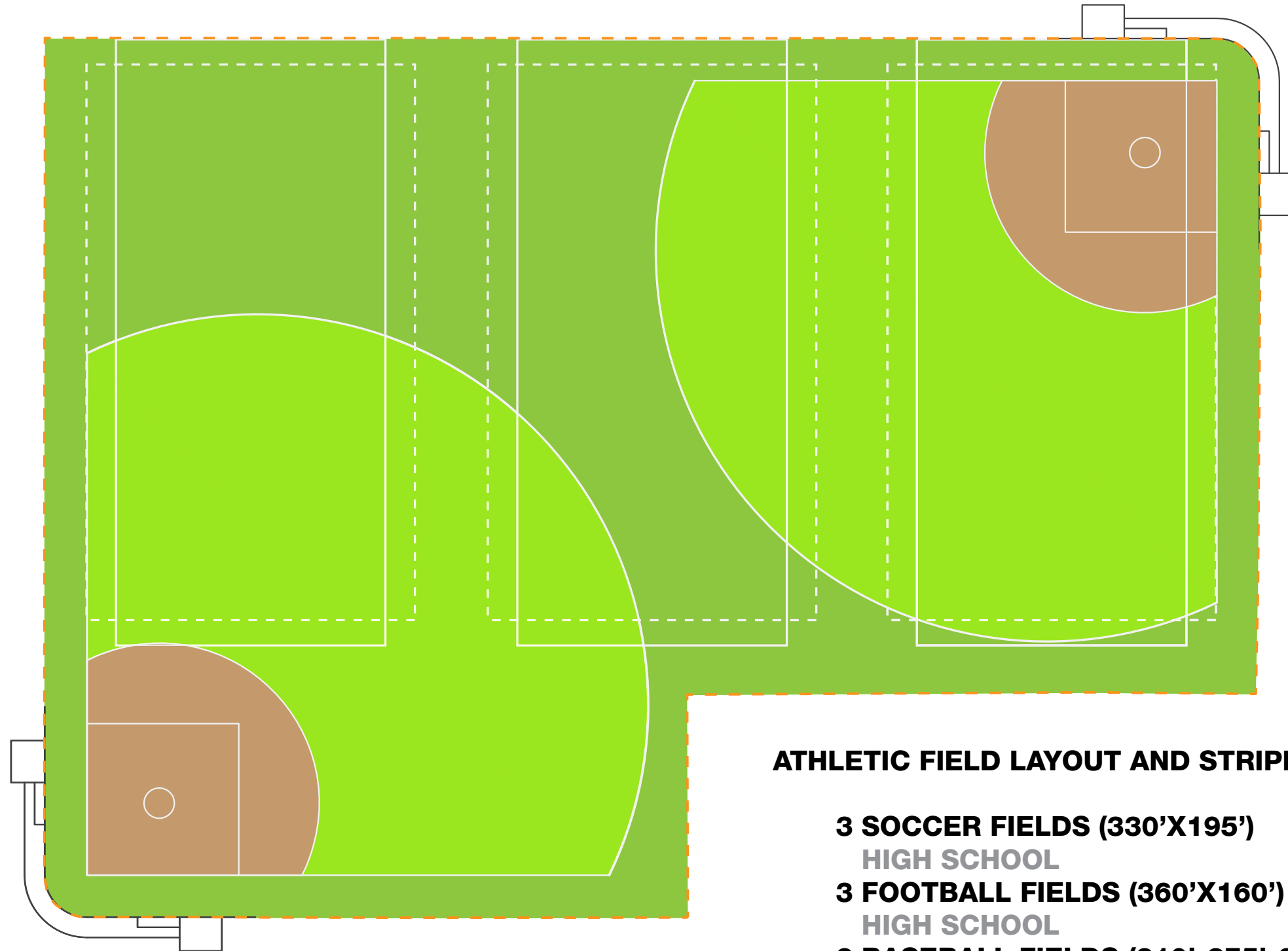


**MULTIGENERATIONAL ACTIVITIES**



**LACROSS**

# FIELD LAYOUT



## ATHLETIC FIELD LAYOUT AND STRIPING OVERLAY

**3 SOCCER FIELDS (330'X195')**

HIGH SCHOOL

**3 FOOTBALL FIELDS (360'X160')**

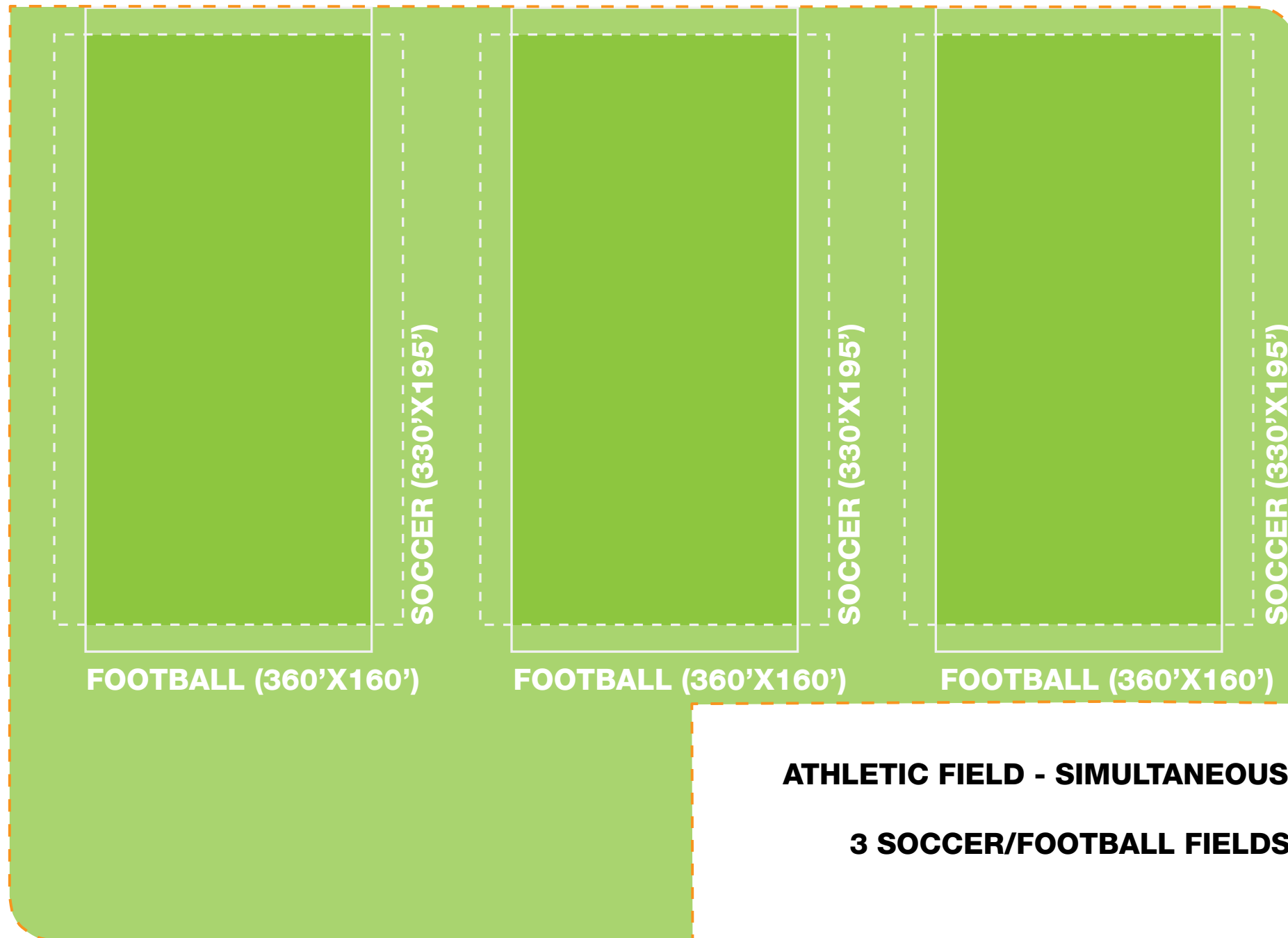
HIGH SCHOOL

**2 BASEBALL FIELDS (310'-375'-310')**

HIGH SCHOOL/NCAA



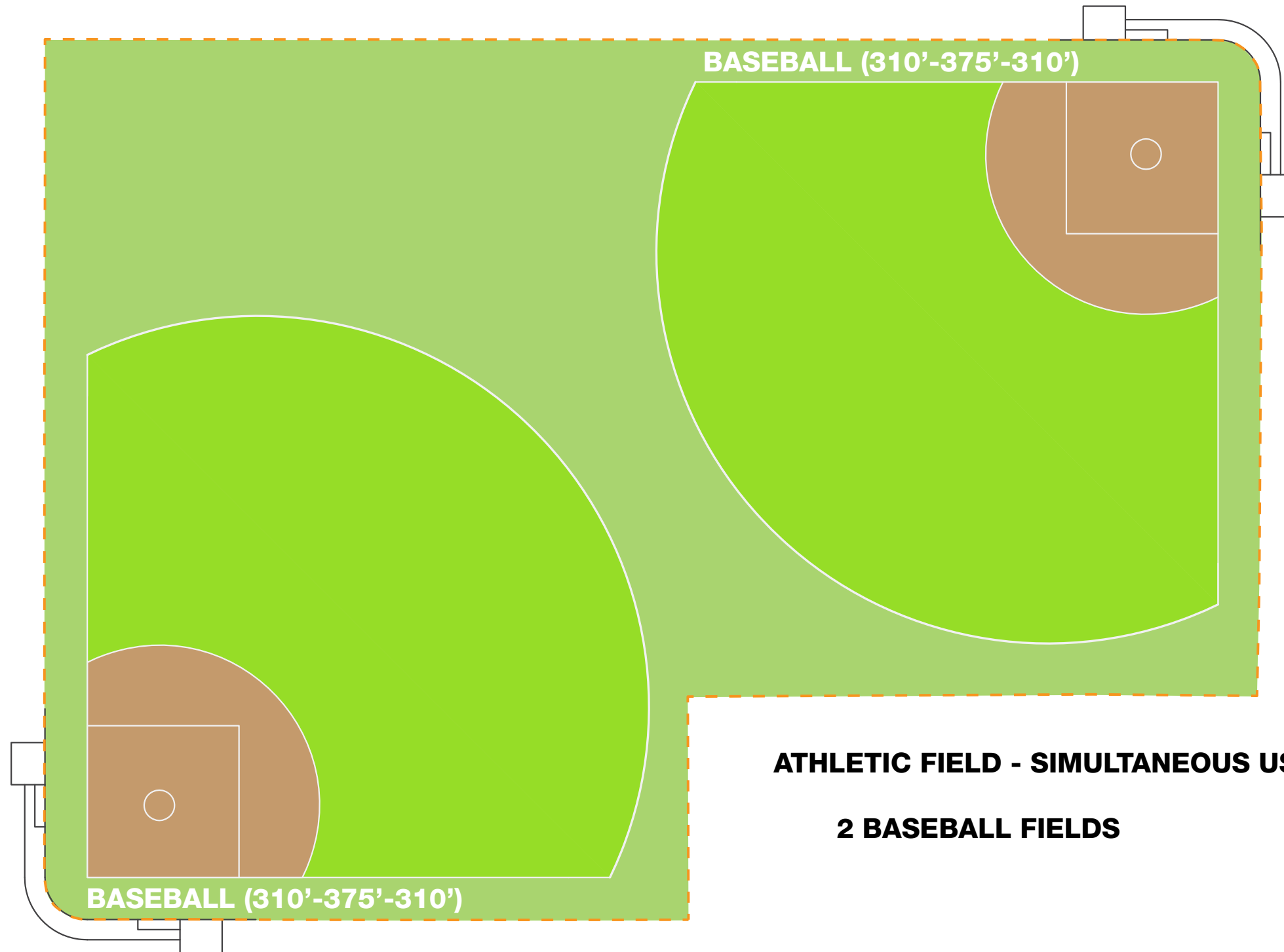
# FIELD LAYOUT



**ATHLETIC FIELD - SIMULTANEOUS USE OPTIONS**

**3 SOCCER/FOOTBALL FIELDS**

# FIELD LAYOUT

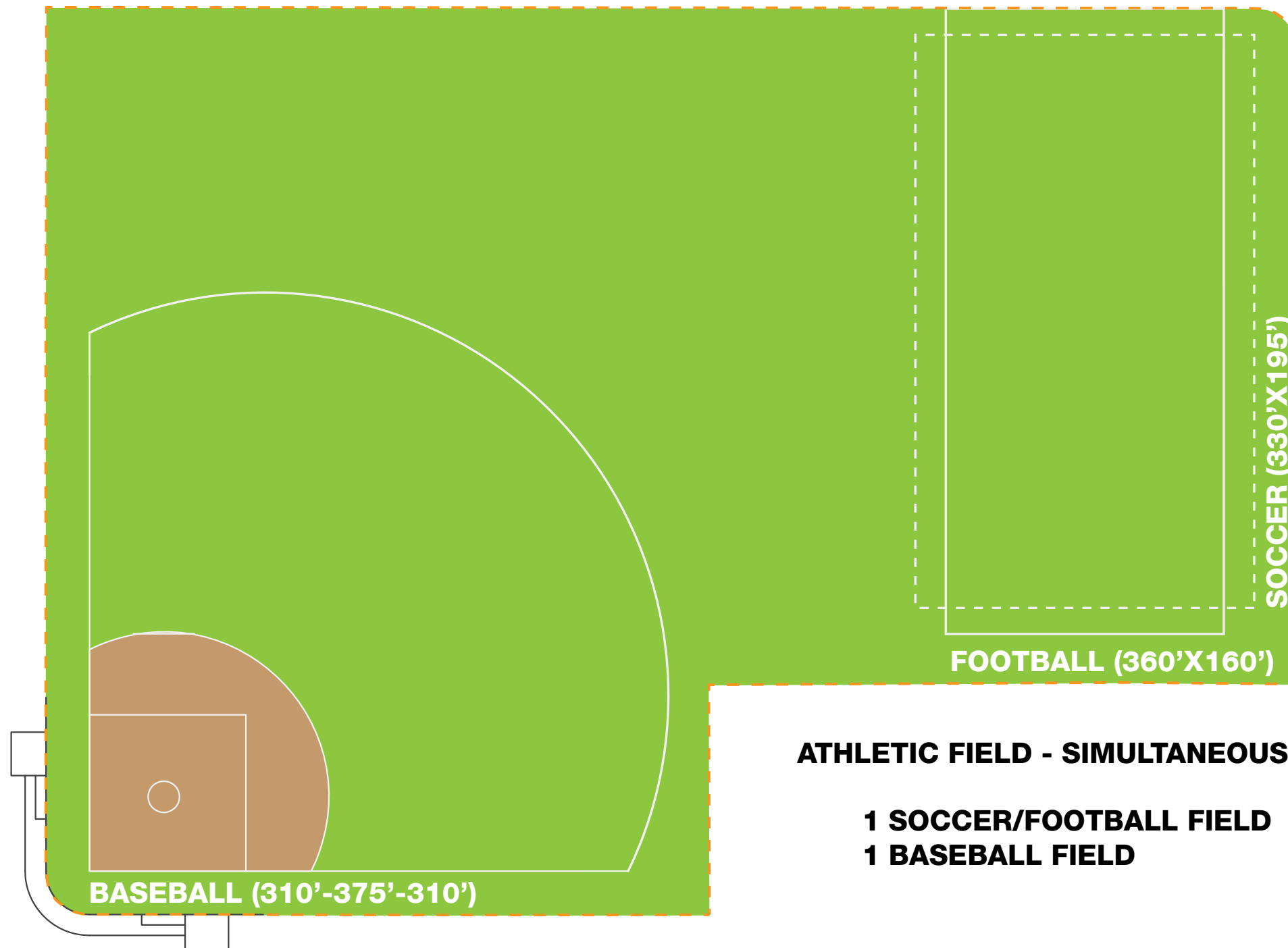


**ATHLETIC FIELD - SIMULTANEOUS USE OPTIONS**

**2 BASEBALL FIELDS**



# FIELD LAYOUT



## **ATHLETIC FIELD - SIMULTANEOUS USE OPTIONS**

- 1 SOCCER/FOOTBALL FIELD**
- 1 BASEBALL FIELD**

# OTHER CONSIDERATIONS





# EDUCATIONAL PROGRAM

	SF		SF
<b>ICE RINK</b>		<b>SITE</b>	
RINK 1 (OLYMPIC)	24,000	BUILDING	128,100
RINK 2 (NHL)	22,000	PARKING	120,000
SPECTATORS	8,000	<del>SPORTS FIELDS</del>	<del>800,000</del>
LOCKER ROOMS	6,500	LANDSCAPE/OTHER	171,900
SUPPORT	6,500	<b>SITE TOTAL</b>	<b>720,000</b>
	<b>67,000</b>		
<b>RECREATION</b>			
GYMNASIUM	11,000		
FITNESS ROOM	2,000		
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<del>INFRASTRUCTURE/MECHANICAL</del>	<del>13,725</del>		
<b>BUILDING TOTAL</b>	<b>128,100</b>		

# EDUCATIONAL PROGRAMMING



**KIDS ACTIVITIES**



**ART PROGRAMS**



**MEETING SPACE**



**PRE-SCHOOL**



**LINK TO OTHER PROGRAM SPACE**



**COMMUNITY ROOMS**



**EXTERIOR PROGRAMMING**



**KITCHEN**



**SOCIAL + EVENT SPACE**



# PRE-SCHOOL



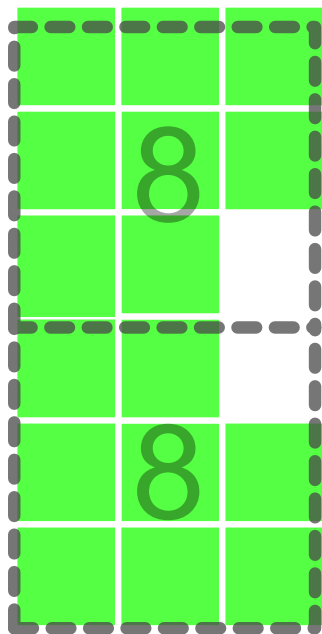
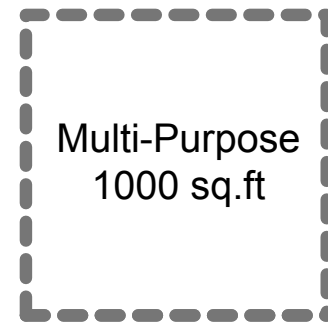
# MULTI-PURPOSE ROOMS





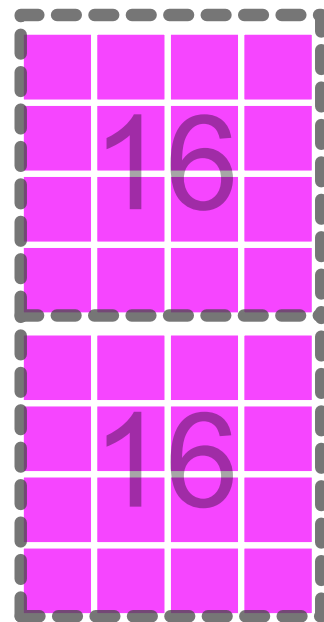
# MULTI-PURPOSE ROOMS

## OCCUPANCY DIAGRAM



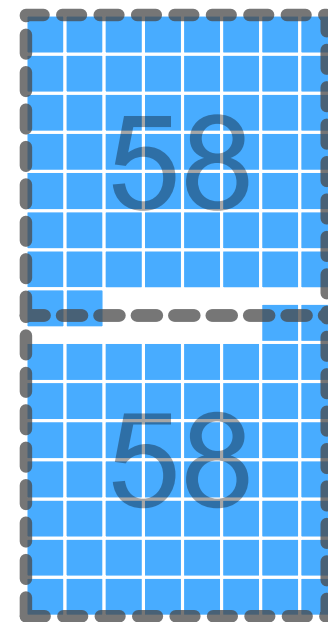
16

**Martial Arts**  
8 p/1000 sq.ft  
(120 sq.ft/p)



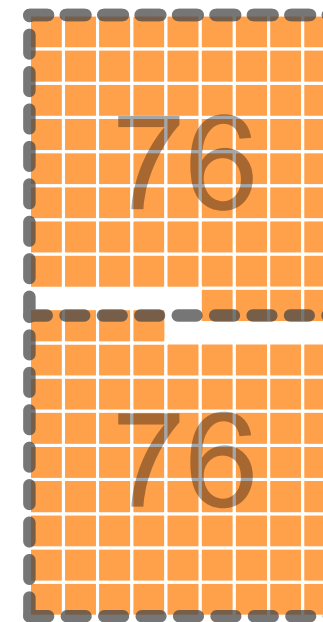
32

**Aerobic/Dance  
/Fitness**  
(60 sq.ft/p)



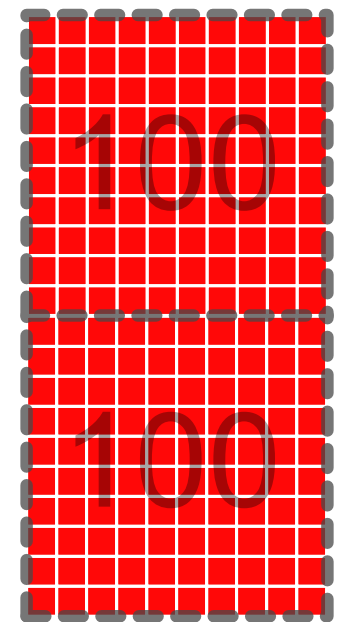
116

**Banquet**  
(17 sq.ft/p)



152

**Conference**  
(13 sq.ft/p)



200

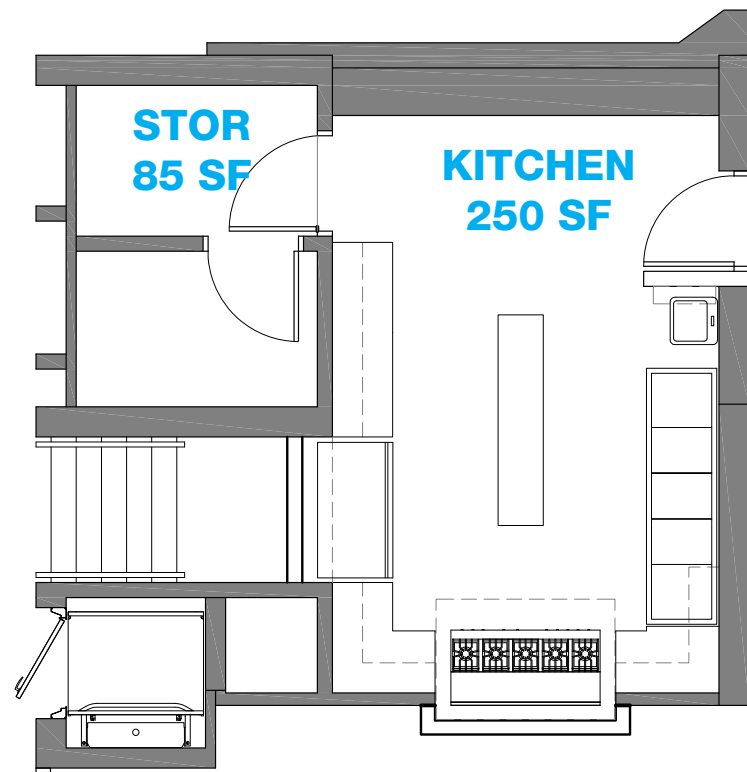
**Seats**  
(10 sq.ft sm/p)

# KITCHEN



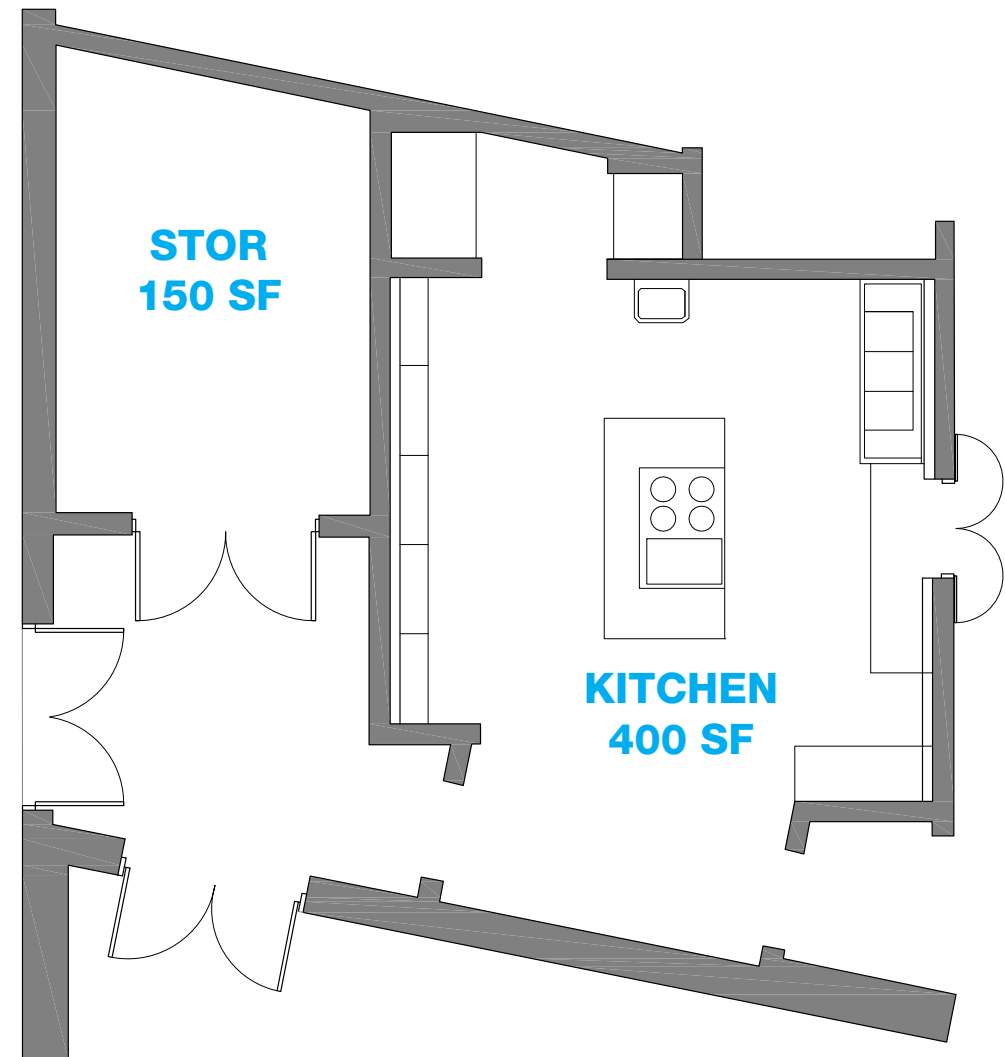


# KITCHEN



**FLEETWOOD JOURDAIN KITCHEN**

- 3-BASIN SINK
- HANDWASHING SINK
- RANGE
- REFRIGERATOR
- DISHWASHER
- ICE MAKER



**LEVY CENTER KITCHEN**

- 3-BASIN SINK
- HANDWASHING SINK
- RANGE
- REFRIGERATOR



# OTHER CONSIDERATIONS





# LIBRARY PROGRAM

ICE RINK	SF
RINK 1 (OLYMPIC)	24,000
RINK 2 (NHL)	22,000
SPECTATORS	8,000
LOCKER ROOMS	6,500
SUPPORT	6,500
	<b>67,000</b>

RECREATION	SF
GYMNASIUM	11,000
FITNESS ROOM	2,000
SUPPORT	2,600

**15,000**

LIBRARY	SF
LIBRARY	3,300
MEETING ROOMS	600
SUPPORT	1,120
	<b>5,020</b>

COMMUNITY CENTER	SF
MULTI-PURPOSE	3,000
PRE-SCHOOL	2,000
DANCE	1,000
SUPPORT	3,500
	<b>9,500</b>

**SUBTOTAL 97,120**

**TRACK 5,000**

**SOCIAL SPACE/CIRCULATION 12,255**

**INFRASTRUCTURE/MECHANICAL 13,725**

**BUILDING TOTAL 128,100**

SITE	SF
BUILDING	128,100
PARKING	120,000
SPORTS FIELDS	800,000
LANDSCAPE/OTHER	171,900
<b>SITE TOTAL</b>	<b>720,000</b>

# LIBRARY PROGRAMMING



**BOOKS FOR ALL AGES**



**VISUAL CONNECTION TO OUTSIDE**



**JOB TRAINING**



**AFTER-HOURS SERVICE**



**CHILDREN'S AREA**



**AFTER SCHOOL PROGRAMS**



**DIGITAL CENTER**



**YOUTH SERVICES**



**INFORMAL SPACES**



# LIBRARY



# MAKER SPACE





# STUDY PODS



# STUDIO SPACE

PHOTOGRAPHY



MUSIC





# OTHER CONSIDERATIONS





# COMMUNITY INTERESTS



**ARRIVAL / RECEPTION**



**CLEAR CIRCULATION**



**LARGE + SMALL GATHERING**



**EVENT + RENTAL OPPORTUNITIES**



**OPEN SPACE**



**PROGRAM VIEWING AREAS**



**ROOFTOP USES**



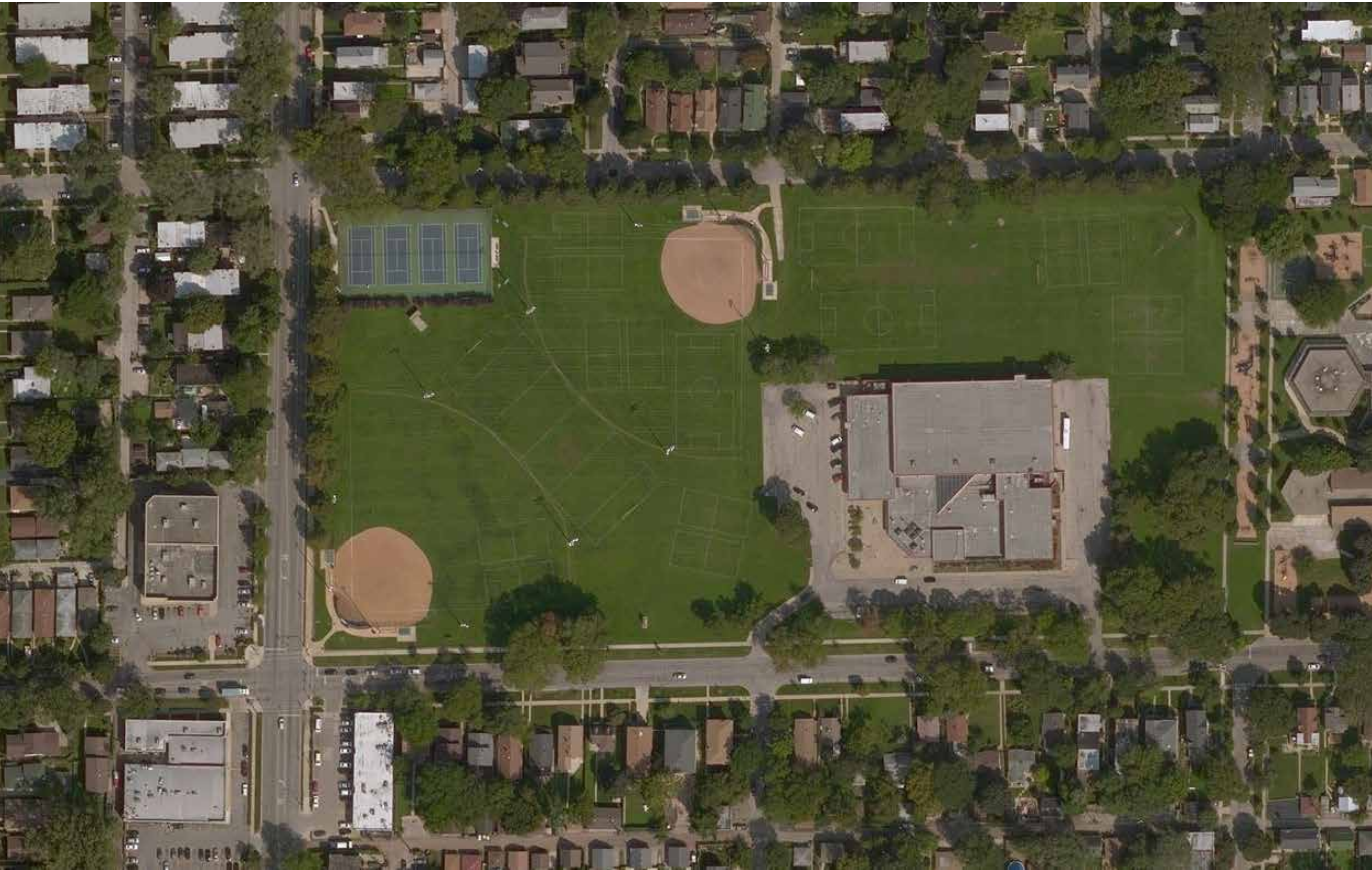
**SOCIAL SPACE**



**INFORMAL ASSEMBLY**



# NEIGHBORHOOD CONNECTOR





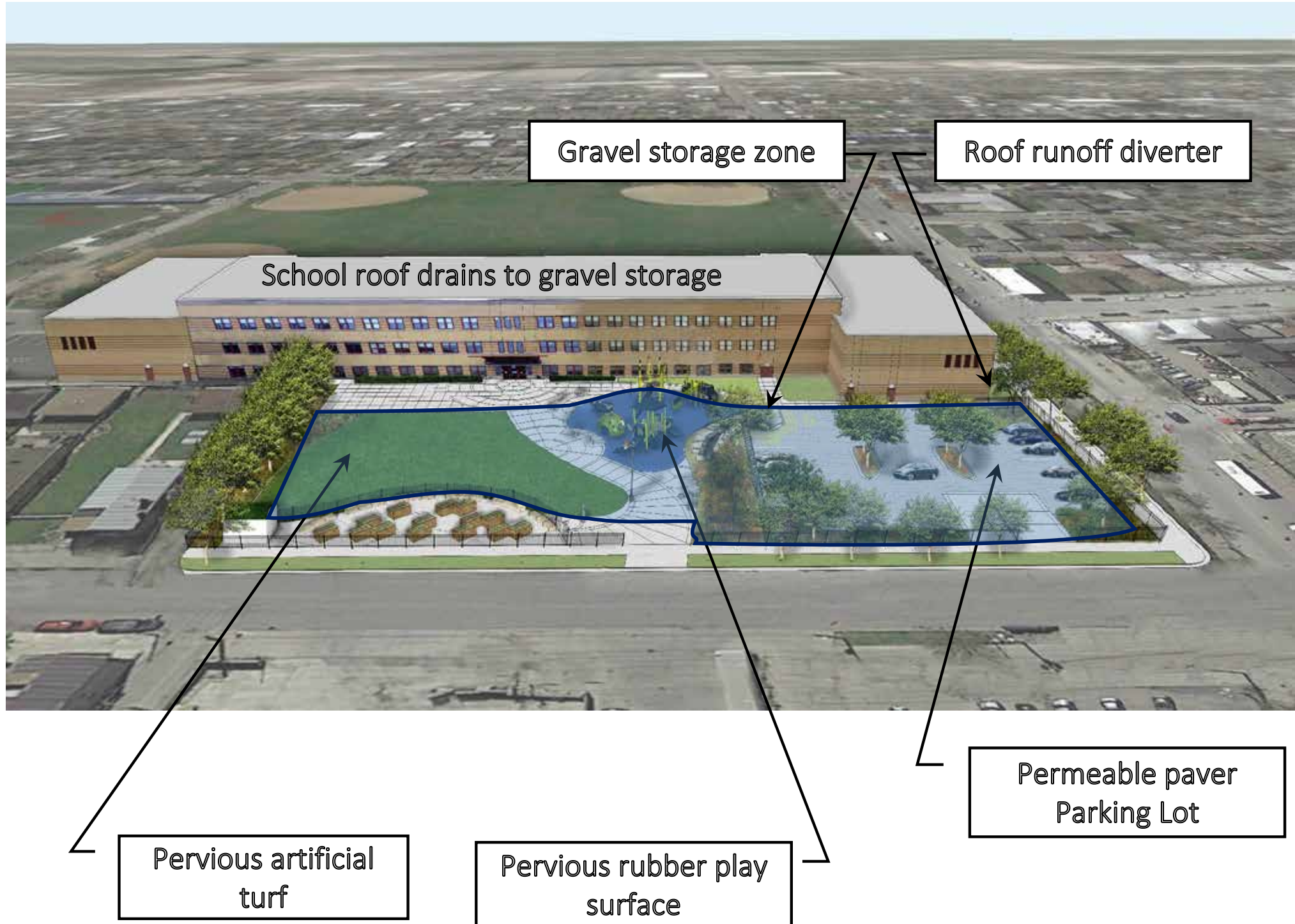
# PARKING



**RIGHT-SIZE PARKING SURFACES**  
**MULTIPLE USES/FUNCTIONS**  
**SCREEN VIEWS FROM ADJACENT HOMES**  
**SHADE TREES, VERTICAL VEGETATION**



# SITE STRATEGIES





# SITE STRATEGIES



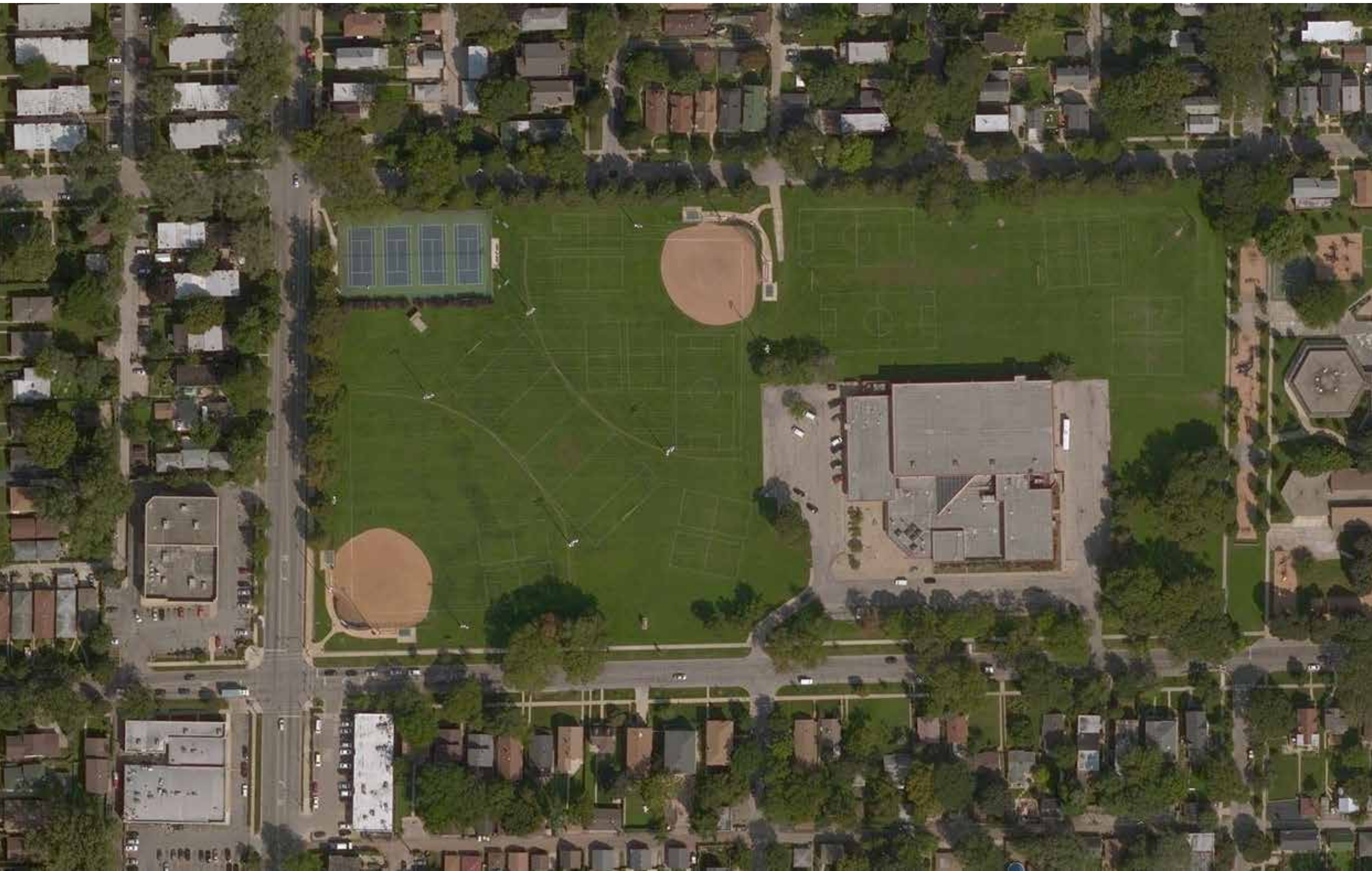




**WTA+MJMA**  
Woodhouse Tinucci Architects      MacLennan Jaunkalns Miller Architects



# EXISTING SITE PLAN





# EXISTING BUILDING PLAN

