

AIR FORCE CENTER FOR ENGINEERING AND THE ENVIRONMENT (AFCEE)

FACILITIES DYNAMIC PROTOTYPES
DESIGN FOR FITNESS CENTER - LARGE SIZE

100% DESIGN
November 21, 2011



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G-002	BUILDING RENDERING
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AIR FORCE CENTER FOR ENGINEERING AND
THE ENVIRONMENT (AFCEE)
FACILITIES DYNAMIC PROTOTYPES DESIGN FOR:

FITNESS CENTER: LARGE SIZE
100% DESIGN

Jacobs Project No.: FDWD1323

Drawing Title:

COVER SHEET

Date: 21 NOVEMBER 2011

Designed By: JN/MRB/OF

Drawn By: JN/MRB/OF

Checked By: JS

Drawing No.:

G-000

1

2

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4

5

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AIR FORCE CENTER FOR ENGINEERING AND
THE ENVIRONMENT (AFCEE)
FACILITIES DYNAMIC PROTOTYPES DESIGN FOR:

FITNESS CENTER: LARGE SIZE
100% DESIGN

Jacobs Project No.: FDWD1323

Drawing Title:

BUILDING
RENDERING

Date: 21 NOVEMBER 2011

Designed By: JN/MRB/OF

Drawn By: JN/MRB/OF

Checked By: JS

Drawing No.:

G-001

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FACILITIES DYNAMIC PROTOTYPES DESIGN FOR:

FITNESS CENTER: LARGE SIZE

100% DESIGN

Jacobs Project No.: FDWD1323

Drawing Title:

BUILDING
RENDERING

Date: 21 NOVEMBER 2011

Designed By: JN/MRB/OF

Drawn By: JN/MRB/OF

Checked By: JS

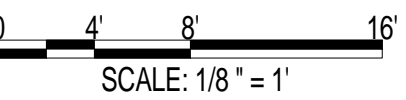
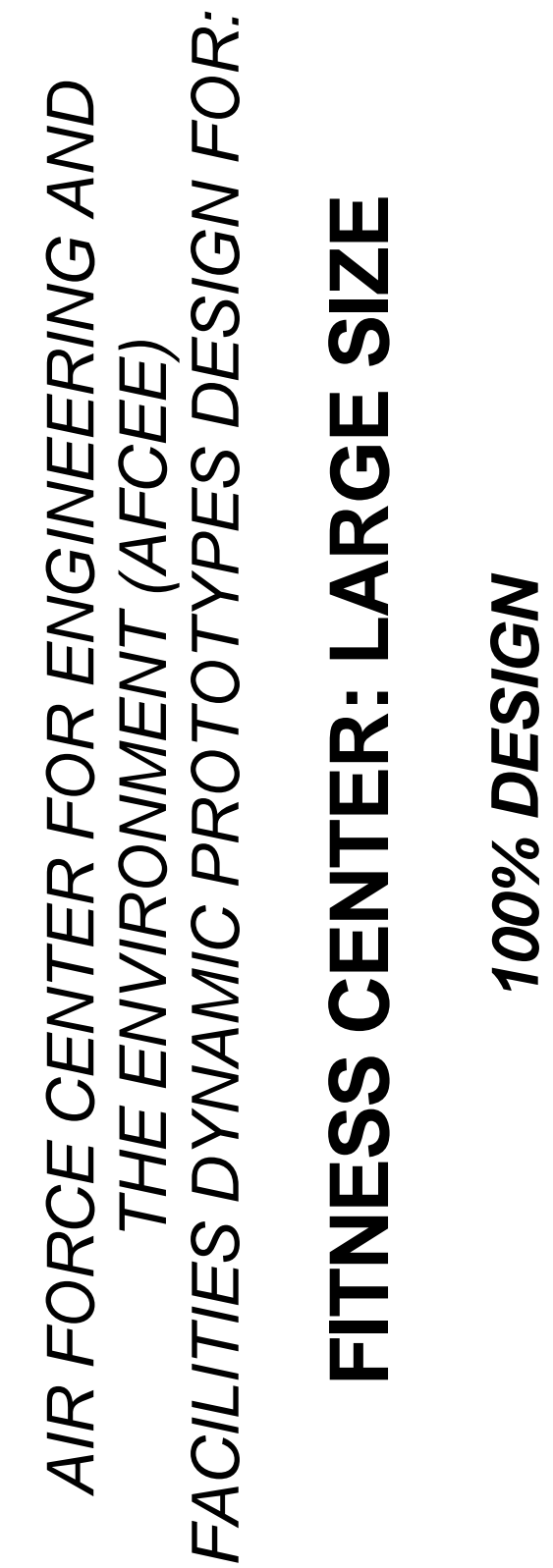
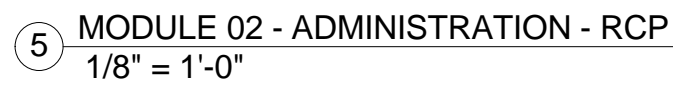
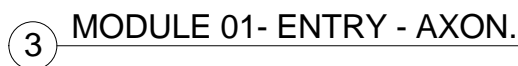
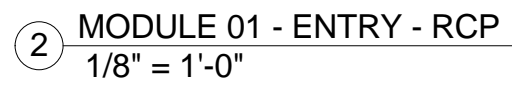
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G-002

GENERAL NOTES

1. PROVIDE A VESTIBULE STORAGE ROOM IN NORTHERN-TIER ENTRIES FOR SNOW SHOVELS & SIDEWALK SALT.

1. EVERY WALL IS GENERIC UNLESS SPECIFICALLY NOTED
2. EVERY WALL IS A PLACE HOLDER
3. AS THE MODULES ARE COMBINED TO CREATE A FACILITY,
DISCRETION SHOULD BE USED AS TO WHICH WALLS NEED TO BE
MOVED, ADDED OR REMOVED
4. IF NO WALL IS PRESENT, IT IS THE DESIGN INTENT TO LEAVE THAT
SPACE OPEN TO ADJACENT SPACES WITHIN THE FACILITY
5. ALL FURNITURE IS A PLACE HOLDER UNLESS SPECIFICALLY NOTED
6. ALL MODULES HAVE BEEN ORGANIZED BASED ON A 15' GRID



Jacobs Project No.: FDWD1323

Drawing Title:

ENTRY & ADMINISTRATION

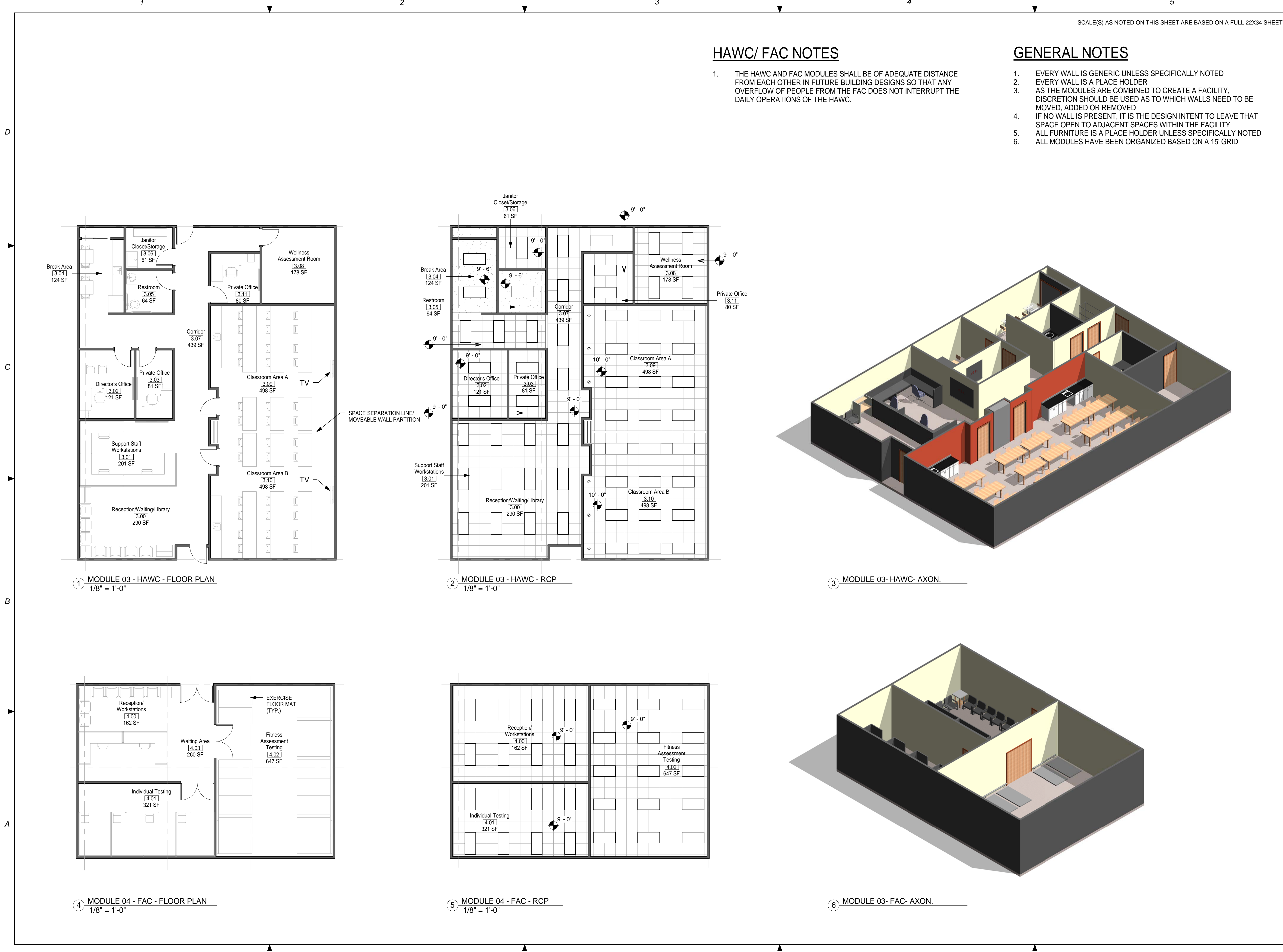
Date: 21 NOVEMBER 2011

Designed By: JN/MRB/OM

Drawing No.:

Drawn By: JN/MRB/O

A-101



HAWC/ FAC NOTES

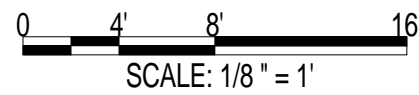
1. THE HAWC AND FAC MODULES SHALL BE OF ADEQUATE DISTANCE FROM EACH OTHER IN FUTURE BUILDING DESIGNS SO THAT ANY OVERFLOW OF PEOPLE FROM THE FAC DOES NOT INTERRUPT THE DAILY OPERATIONS OF THE HAWC.

GENERAL NOTES

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FITNESS CENTER: LARGE SIZE
100% DESIGN



Jacobs Project No.: FDWD1323

Drawing Title:

HAWC & FAC

Date: 21 NOVEMBER 2011

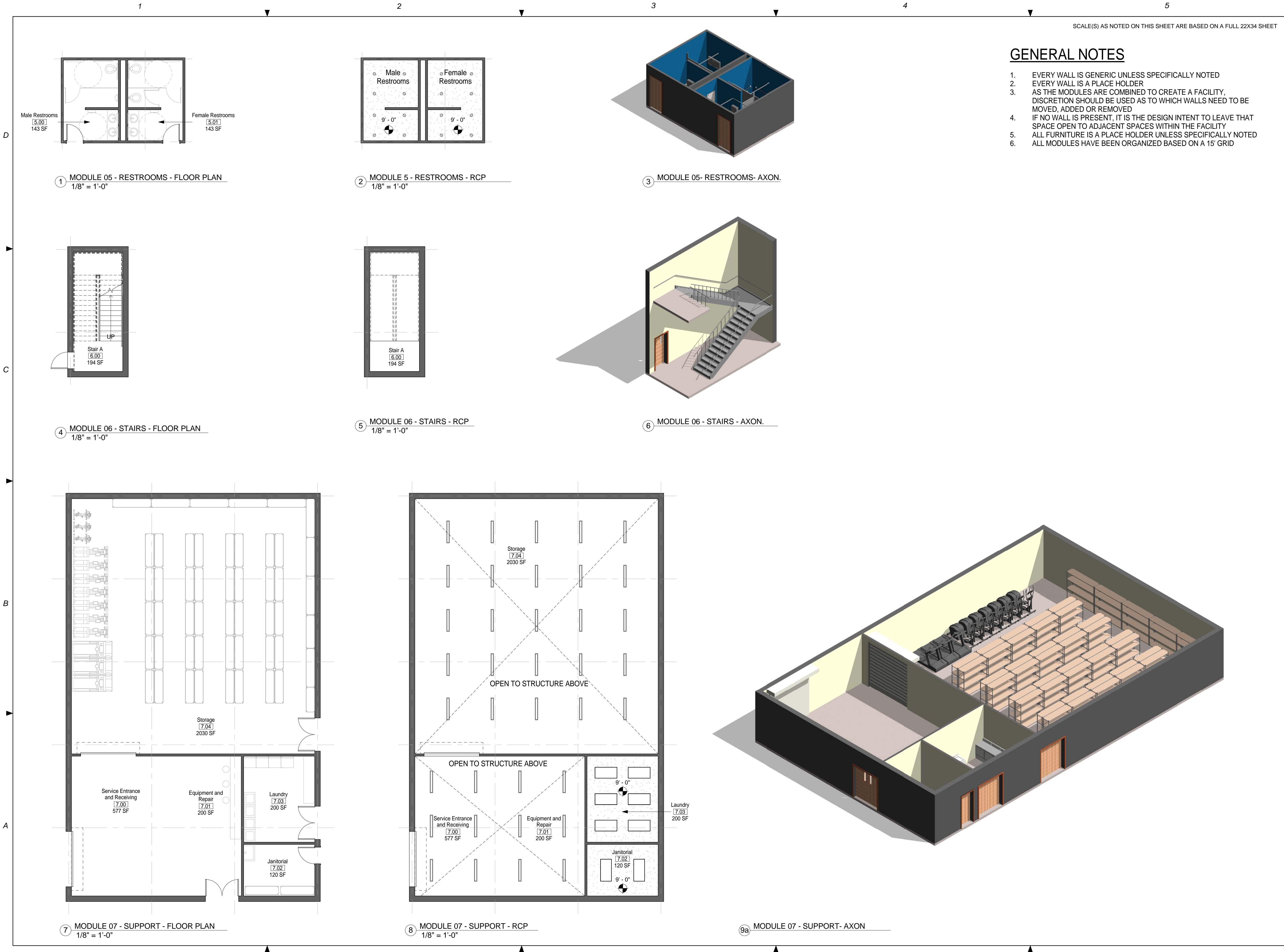
Designed By: JN/MRB/OF

Drawn By: JN/MRB/OF

Checked By: JS

Drawing No.:

A-102

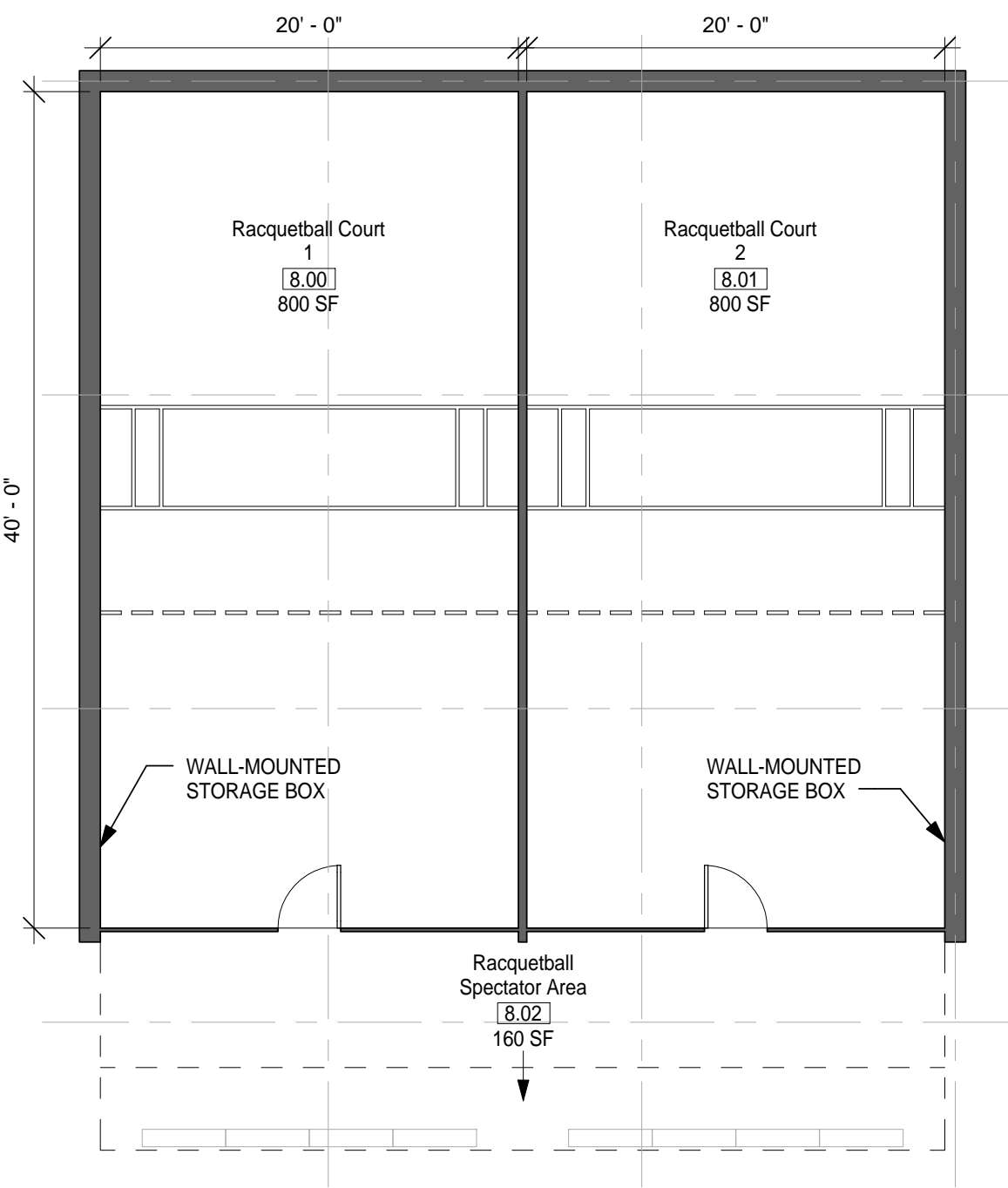


GENERAL NOTES

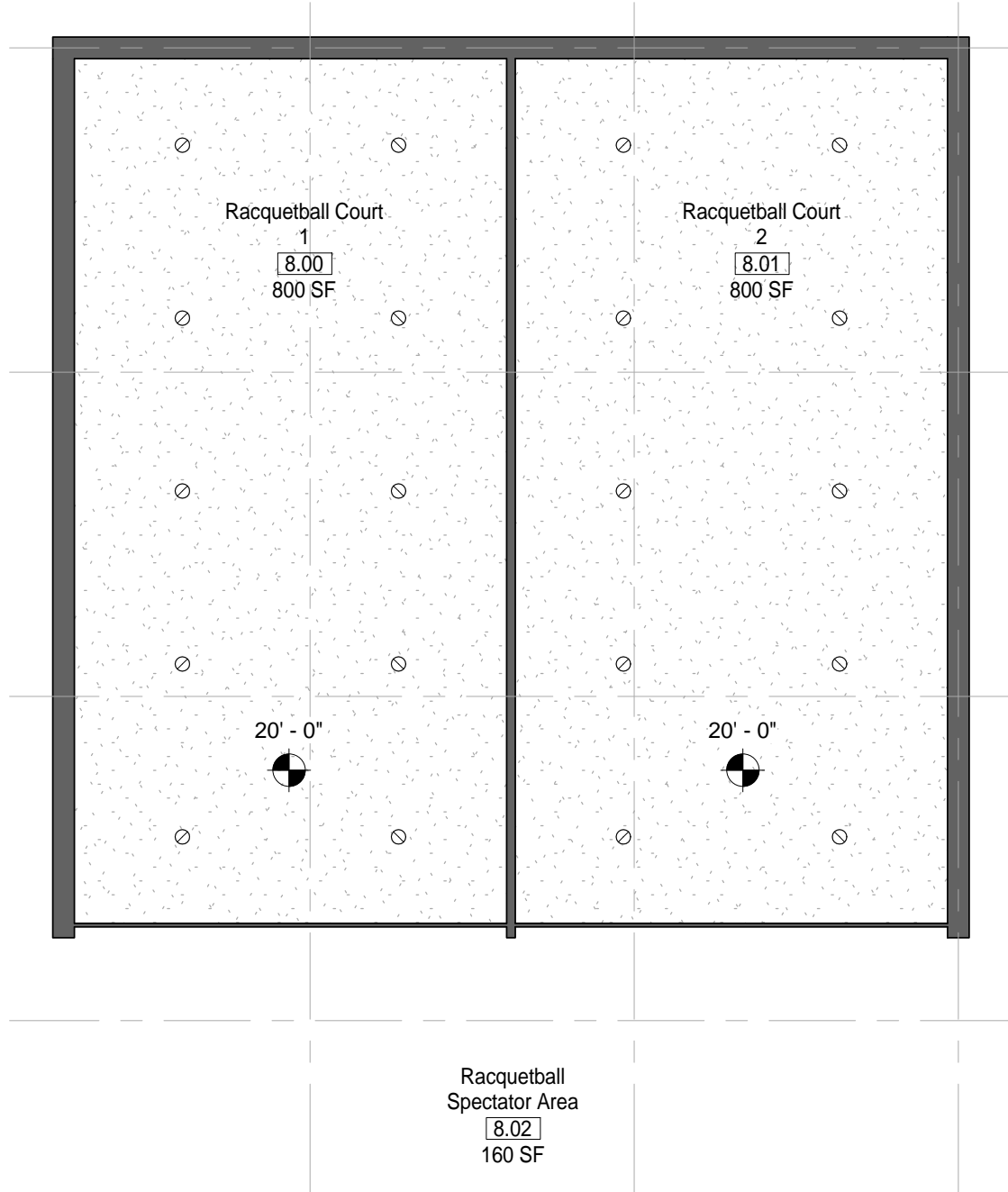
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- 5. ALL FURNITURE IS A PLACE HOLDER UNLESS SPECIFICALLY NOTED
- 6. ALL MODULES HAVE BEEN ORGANIZED BASED ON A 15' GRID

RACQUETBALL COURT NOTES

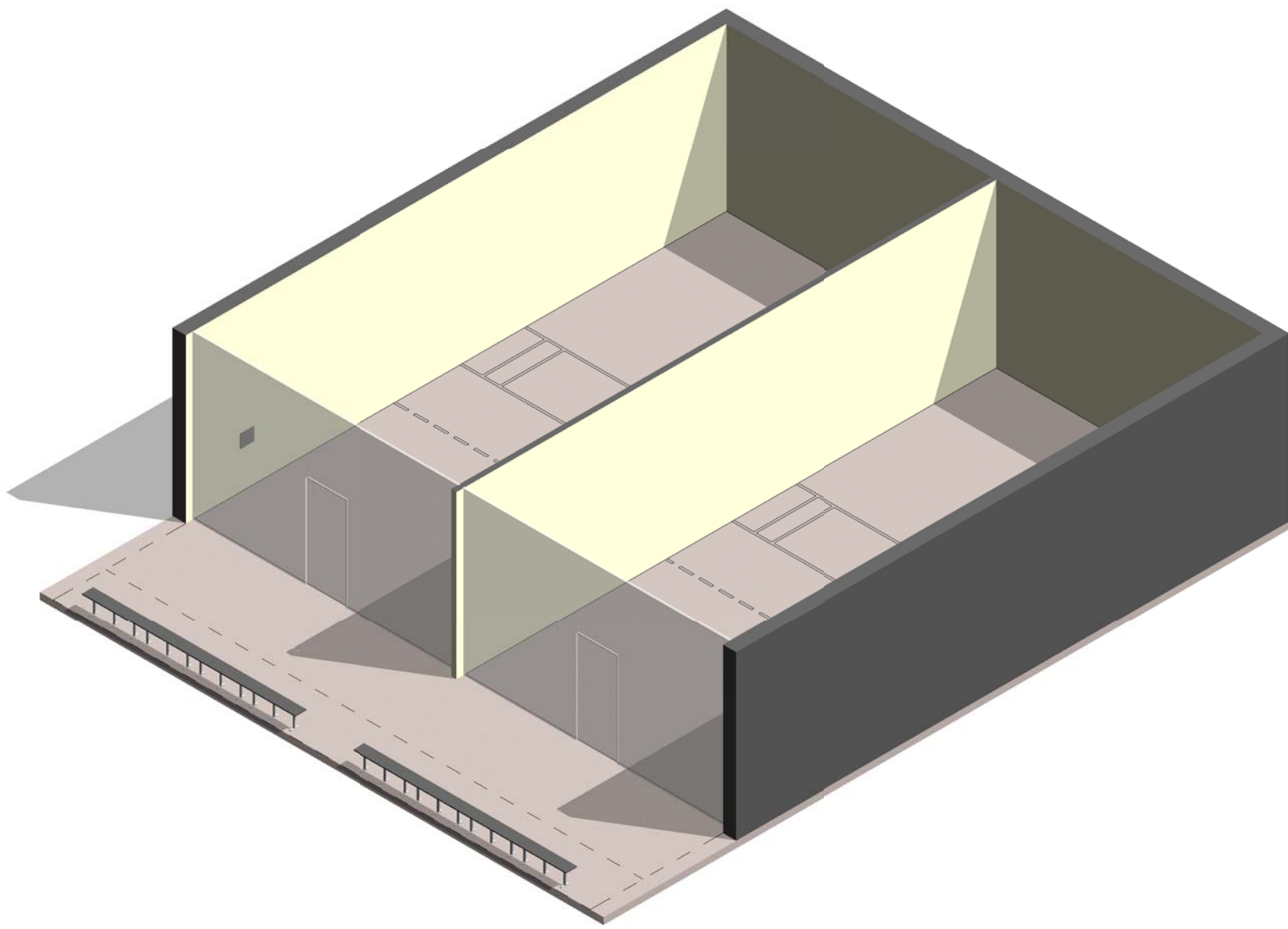
- 1. DIMENSIONS GIVEN ARE BASED ON REGULATION SIZE RACQUETBALL COURTS AND SHOULD BE MAINTAINED IN FINAL BUILDING DESIGN.



1 MODULE 08 - RACQUETBALL - FLOOR PLAN
1/8" = 1'-0"



2 MODULE 08 - RACQUETBALL - RCP
1/8" = 1'-0"

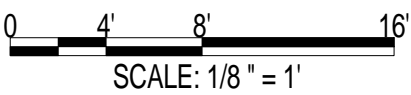


3 MODULE 08 - RACQUETBALL - AXON

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FITNESS CENTER: LARGE SIZE

100% DESIGN



Jacobs Project No.: FDWD1323

rawing Title:

GROUP EXERCISE - FLOOR PLAN & RCP

ate: 21 NOVEMBER 2011

Designed By: JN/MRB/OM

Drawing No.:

Drawn By: JN/MRB/O

checked By: JS

A-105

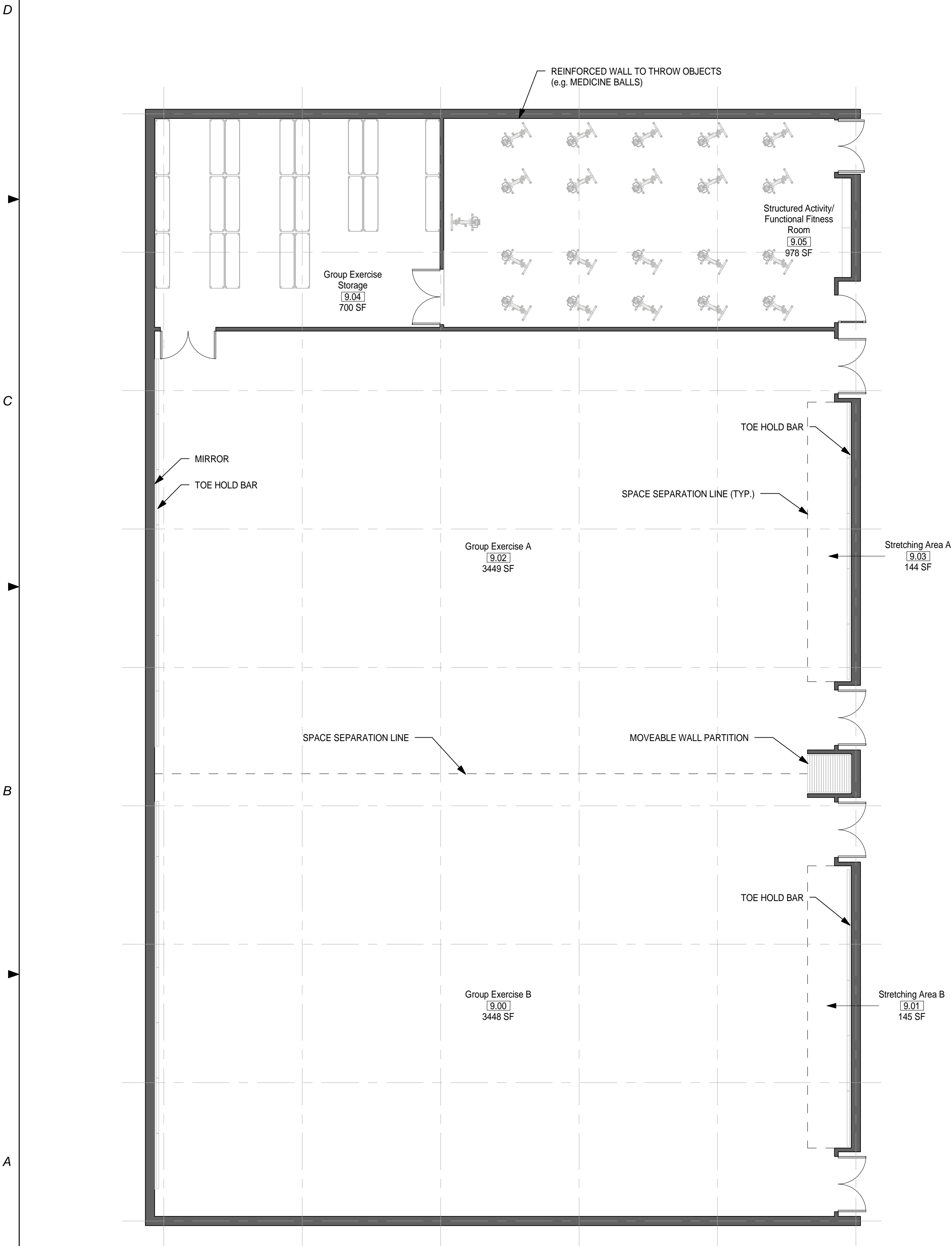
SCALE(S) AS NOTED ON THIS SHEET ARE BASED ON A FULL 22X34 SHEET

GROUP EXERCISE NOTES

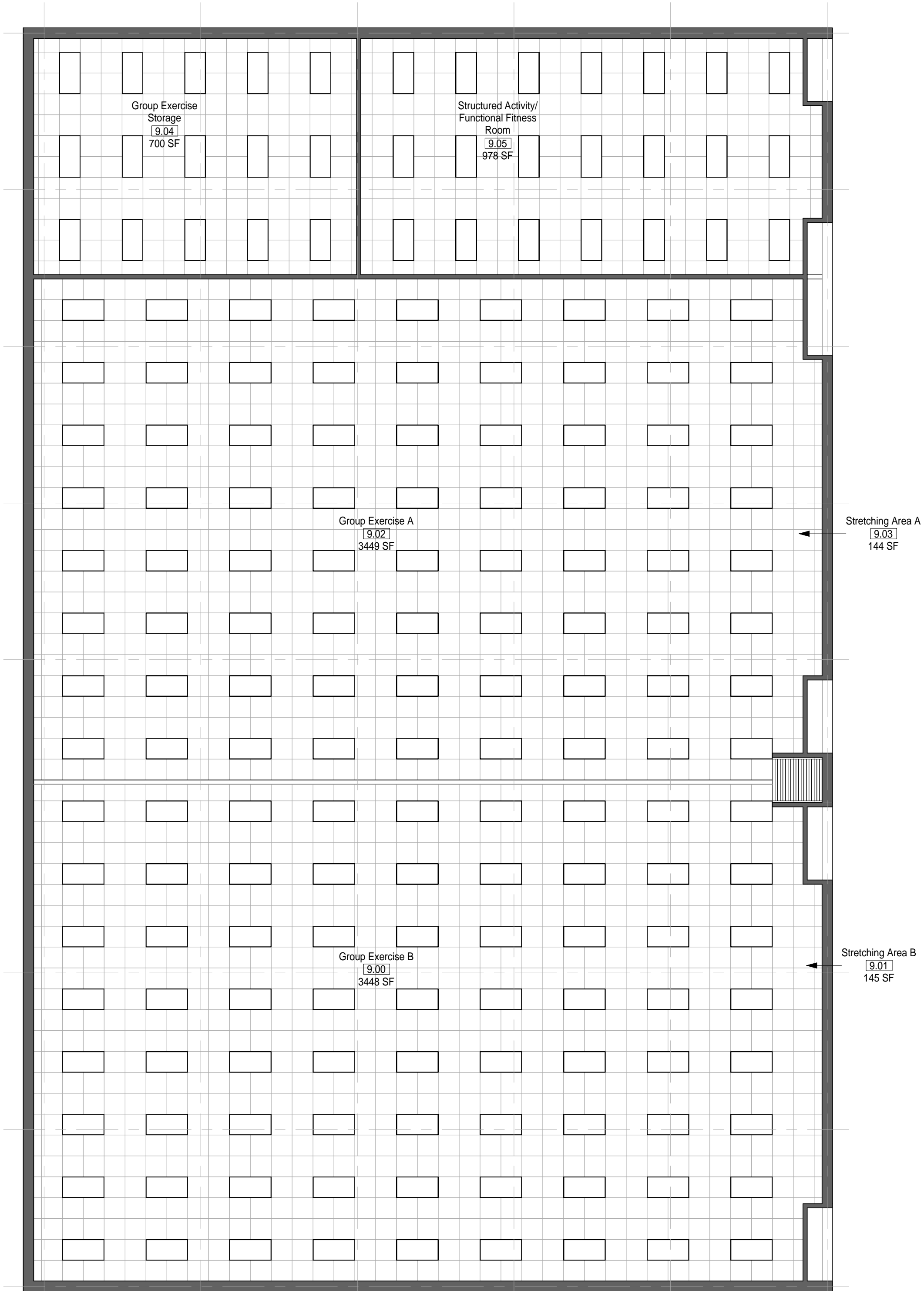
1. ASSUME CEILING HEIGHTS WILL VARY BASED ON FINAL DESIGN

GENERAL NOTES

1. EVERY WALL IS GENERIC UNLESS SPECIFICALLY NOTED
2. EVERY WALL IS A PLACE HOLDER
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6. ALL MODULES HAVE BEEN ORGANIZED BASED ON A 15' GRID



1 MODULE 09 - GROUP EXERCISE - FLOOR PLAN
1/8" = 1'-0"



2 MODULE 09 - GROUP EXERCISE - RCP
1/8" = 1'-0"

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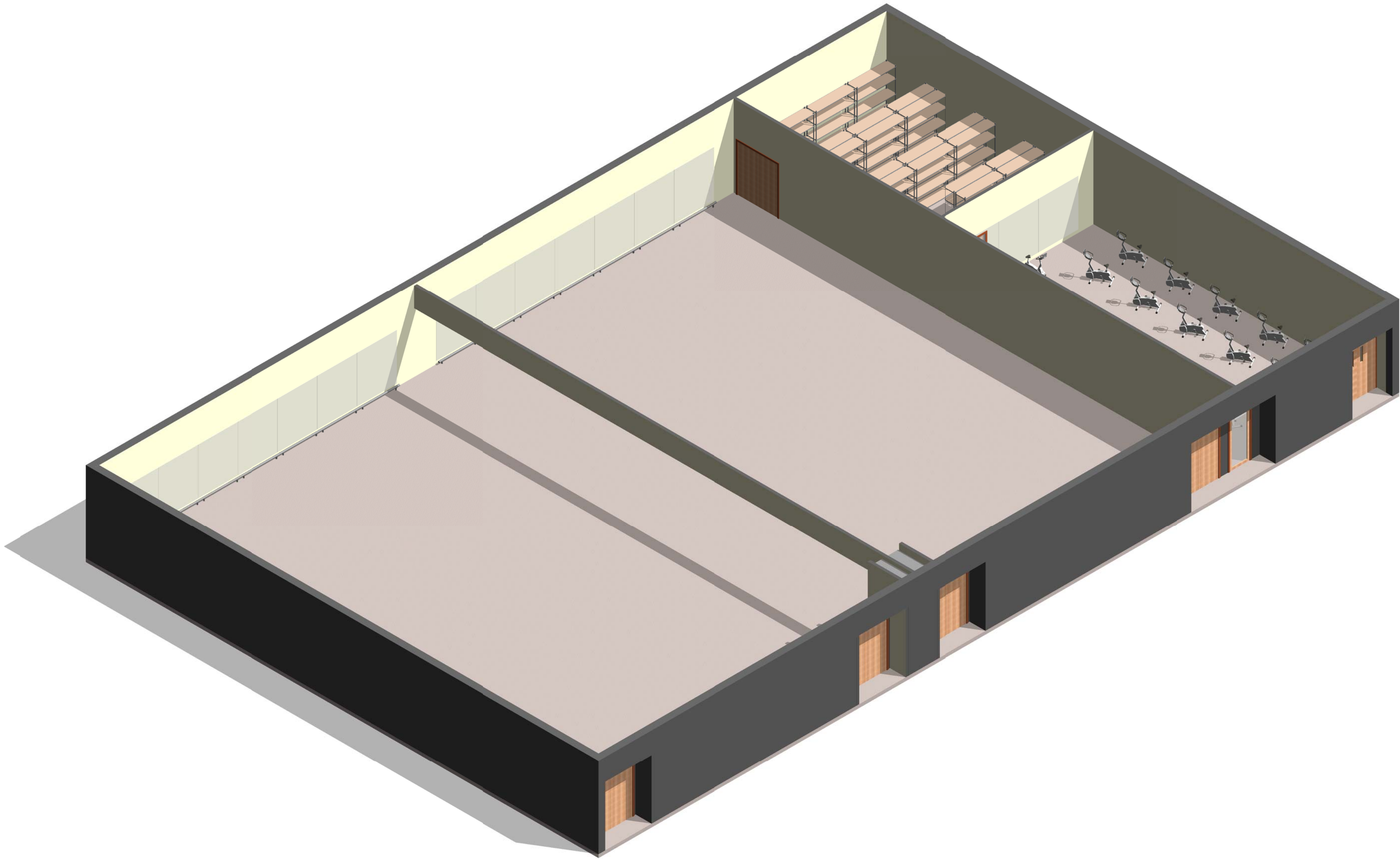
SCALE(S) AS NOTED ON THIS SHEET ARE BASED ON A FULL 22X34 SHEET

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- 5. ALL FURNITURE IS A PLACE HOLDER UNLESS SPECIFICALLY NOTED
- 6. ALL MODULES HAVE BEEN ORGANIZED BASED ON A 15' GRID

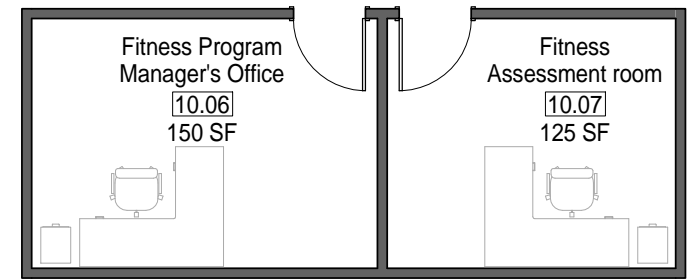
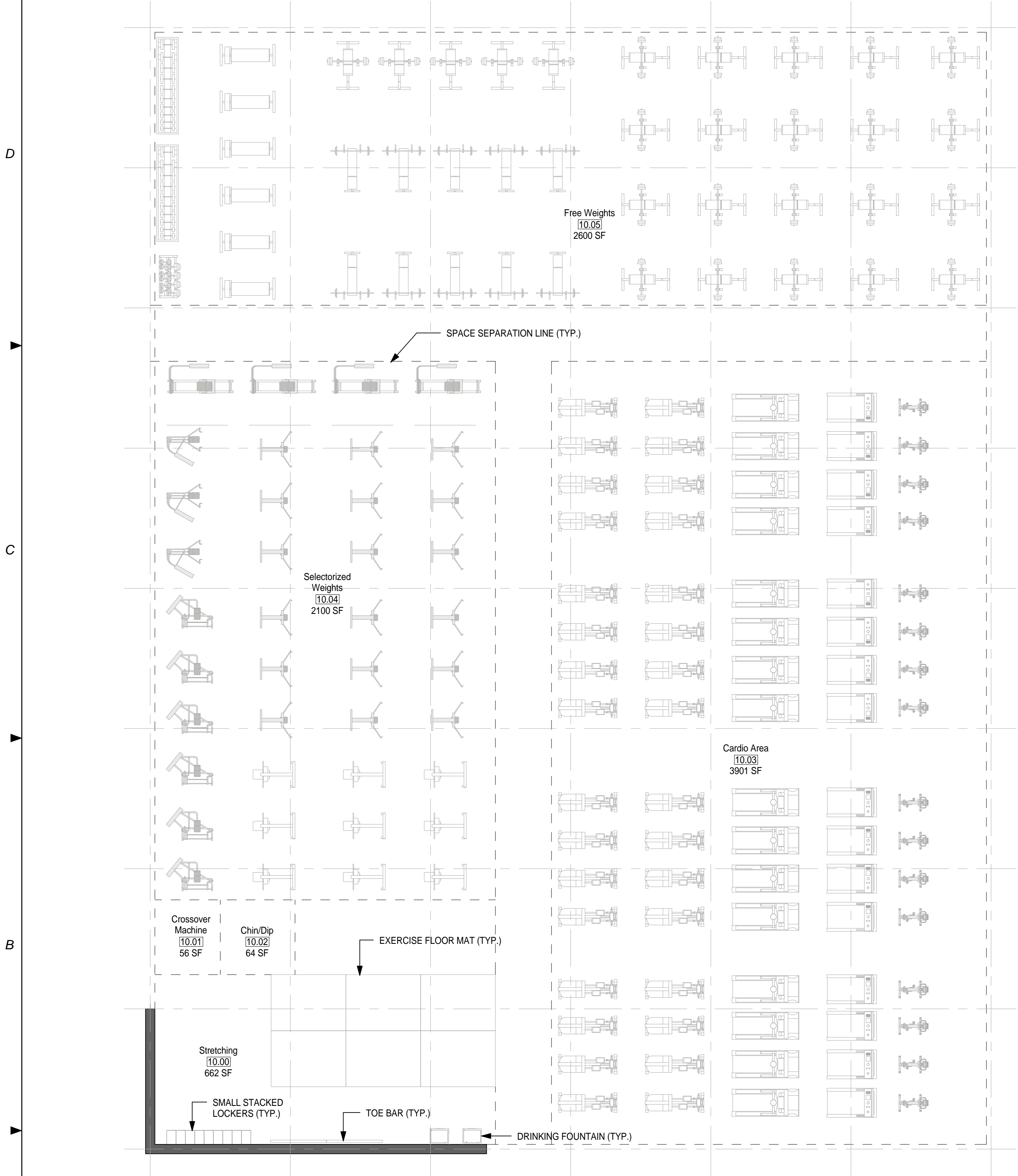
GROUP EXERCISE NOTES

- 1. ASSUME CEILING HEIGHTS WILL VARY BASED ON FINAL DESIGN.

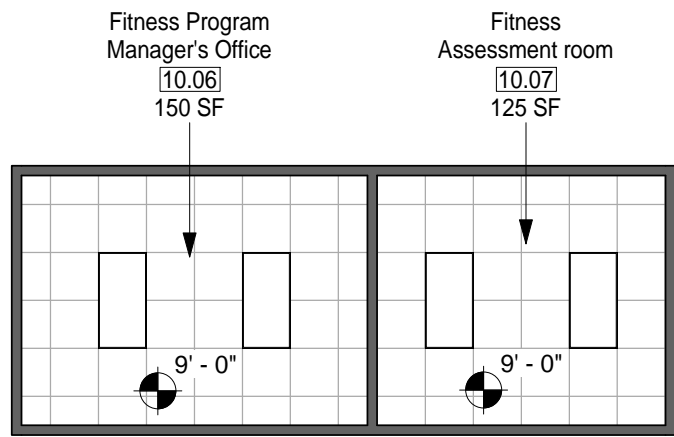
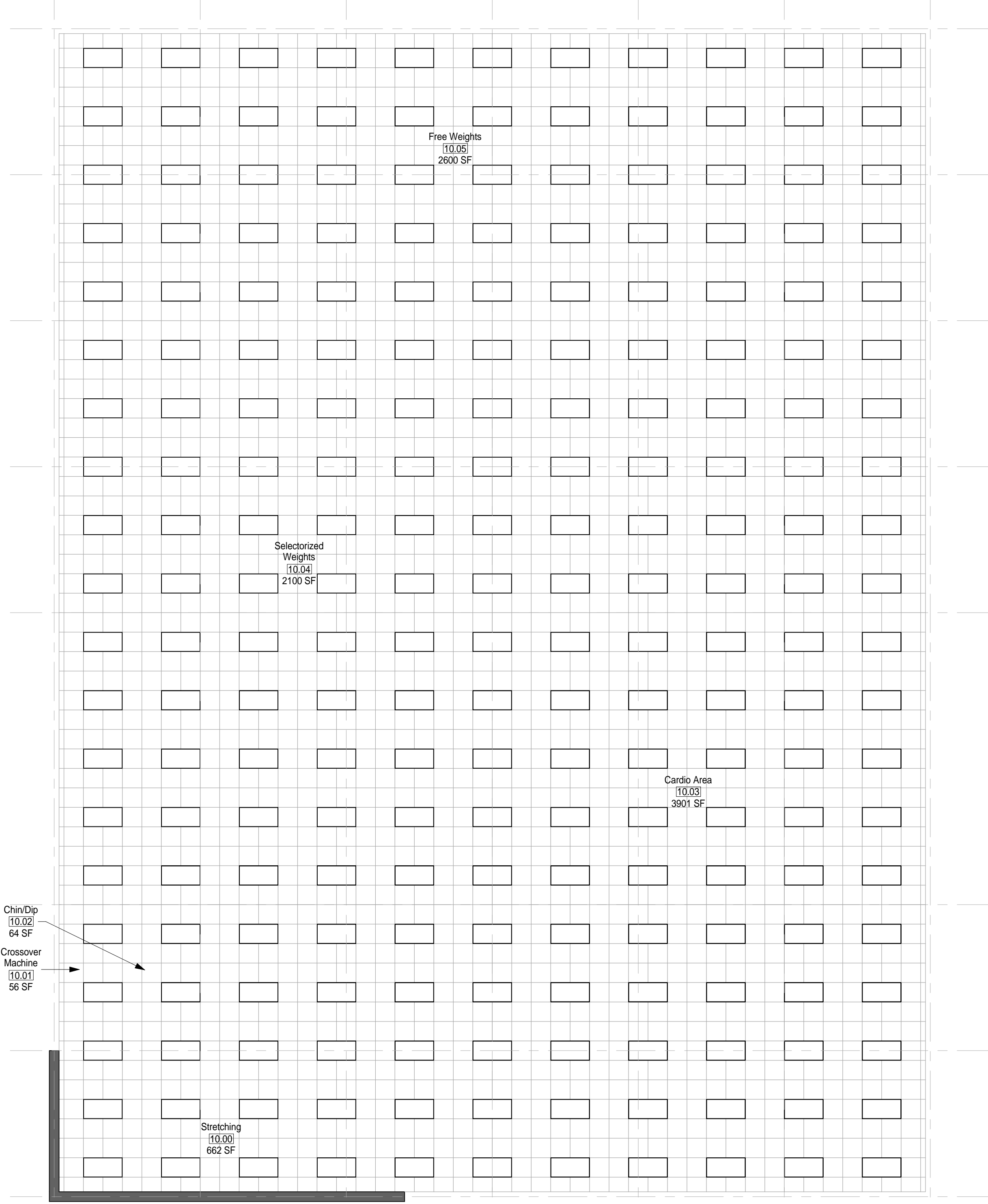


1 MODULE 09 - GROUP EXERCISE- AXON

SCALE(S) AS NOTED ON THIS SHEET ARE BASED ON A FULL 22X34 SHEET



1 MODULE 10- CARDIO/ WEIGHT ROOM - FLOOR PLAN
1/8" = 1'-0"



2 MODULE 11 - CARDIO/ WEIGHT ROOM - RCP
1/8" = 1'-0"

GENERAL NOTES

1. EVERY WALL IS GENERIC UNLESS SPECIFICALLY NOTED
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6. ALL MODULES HAVE BEEN ORGANIZED BASED ON A 15' GRID

CARDIO/ WEIGHT ROOM NOTES

1. PROVIDE KICK PLATES ON ALL WALLS IN WEIGHT ROOM.
2. PROVIDE MIRRORS ON WALLS WHERE APPROPRIATE.
3. PROVIDE TELEVISIONS WHERE APPROPRIATE.
4. FITNESS PROGRAM MANAGER'S OFFICE & FITNESS ASSESSMENT ROOM SHALL BE ADJACENT TO THE CARDIO/ WEIGHT ROOM.
5. ASSUME CEILING HEIGHTS WILL VARY BASED ON FINAL DESIGN.

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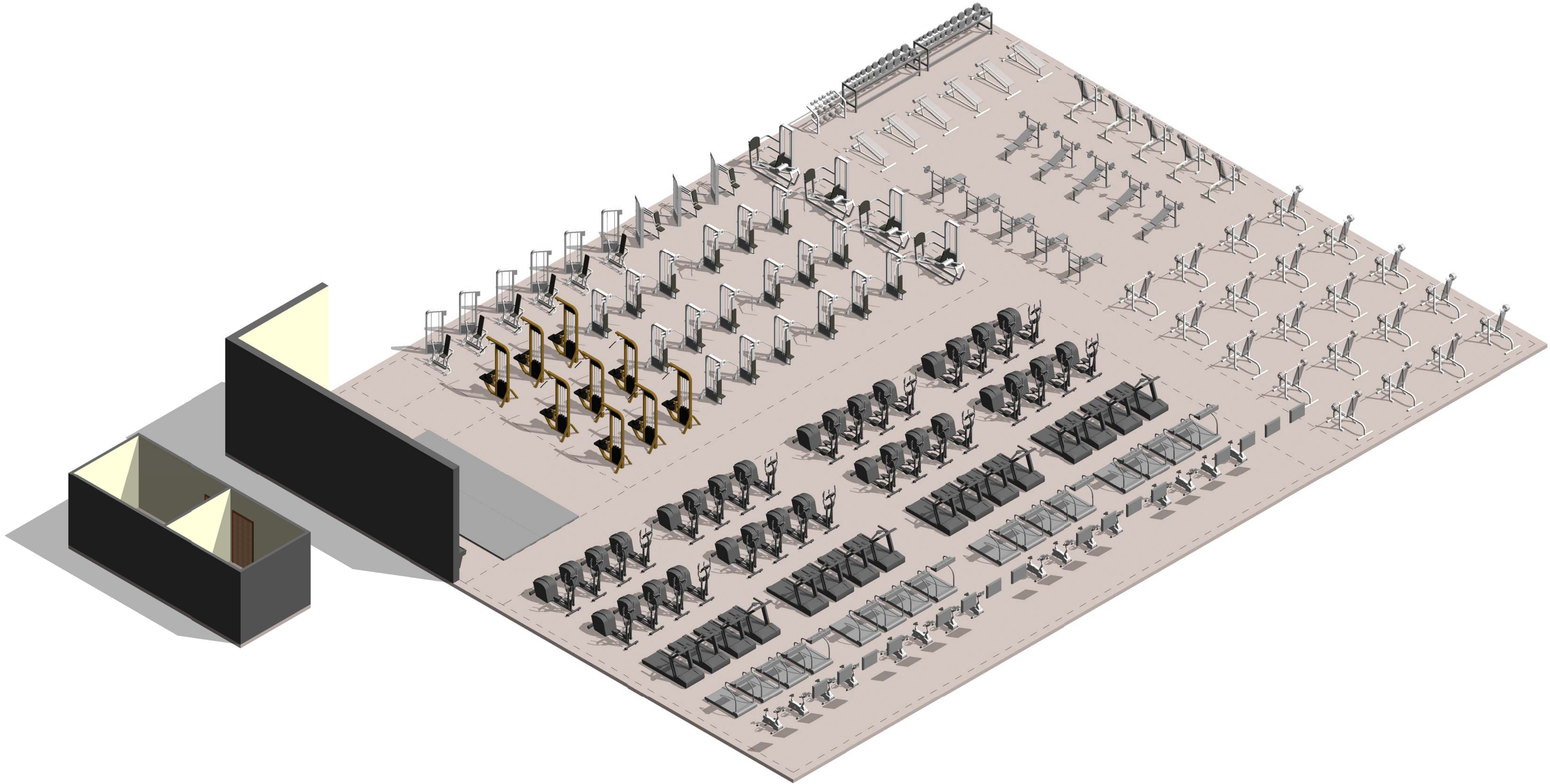
SCALE(S) AS NOTED ON THIS SHEET ARE BASED ON A FULL 22X34 SHEET

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- 4. IF NO WALL IS PRESENT, IT IS THE DESIGN INTENT TO LEAVE THAT SPACE OPEN TO ADJACENT SPACES WITHIN THE FACILITY
- 5. ALL FURNITURE IS A PLACE HOLDER UNLESS SPECIFICALLY NOTED
- 6. ALL MODULES HAVE BEEN ORGANIZED BASED ON A 15' GRID

CARDIO/ WEIGHT ROOM NOTES

- 1. PROVIDE KICK PLATES ON ALL WALLS IN WEIGHT ROOM.
- 2. PROVIDE MIRRORS ON WALLS WHERE APPROPRIATE.
- 3. PROVIDE TELEVISIONS WHERE APPROPRIATE.
- 4. FITNESS PROGRAM MANAGER'S OFFICE & FITNESS ASSESSMENT ROOM SHALL BE ADJACENT TO THE CARDIO/ WEIGHT ROOM.
- 5. ASSUME CEILING HEIGHTS WILL VARY BASED ON FINAL DESIGN.



① MODULE 10- CARDIO/ WEIGHT ROOM- AXON.

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AIR FORCE CENTER FOR ENGINEERING AND
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FACILITIES DYNAMIC PROTOTYPES DESIGN FOR:

FITNESS CENTER: LARGE SIZE

100% DESIGN

Jacobs Project No.: FDWD1323

Drawing Title:

CARDIO/ WEIGHT
ROOM - AXON.

Date: 21 NOVEMBER 2011

Designed By: JN/MRB/OF Drawing No.:

Drawn By: JN/MRB/OF

Checked By: JS

A-108

1. EVERY WALL IS GENERIC UNLESS SPECIFICALLY NOTED
2. EVERY WALL IS A PLACE HOLDER
3. AS THE MODULES ARE COMBINED TO CREATE A FACILITY, DISCRETION SHOULD BE USED AS TO WHICH WALLS NEED TO BE MOVED, ADDED OR REMOVED
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5. ALL FURNITURE IS A PLACE HOLDER UNLESS SPECIFICALLY NOTED
6. ALL MODULES HAVE BEEN ORGANIZED BASED ON A 15' GRID

1. ENSURE LIGHT IN SAUNA ROOM IS OUTSIDE OF TOUCHING RANGE OF USER. LIGHT COVER SHALL NOT BE GLASS.



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1. ENSURE LIGHT IN SAUNA ROOM IS OUTSIDE OF TOUCHING RANGE OF USER. LIGHT COVER SHALL NOT BE GLASS.

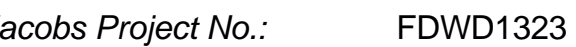


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MODULE 11 - LOCKER ROOM - RCP
1/8" = 1'-0"

FITNESS CENTER: LARGE SIZE

100% DESIGN



LOCKER ROOM -
RCP

A-110

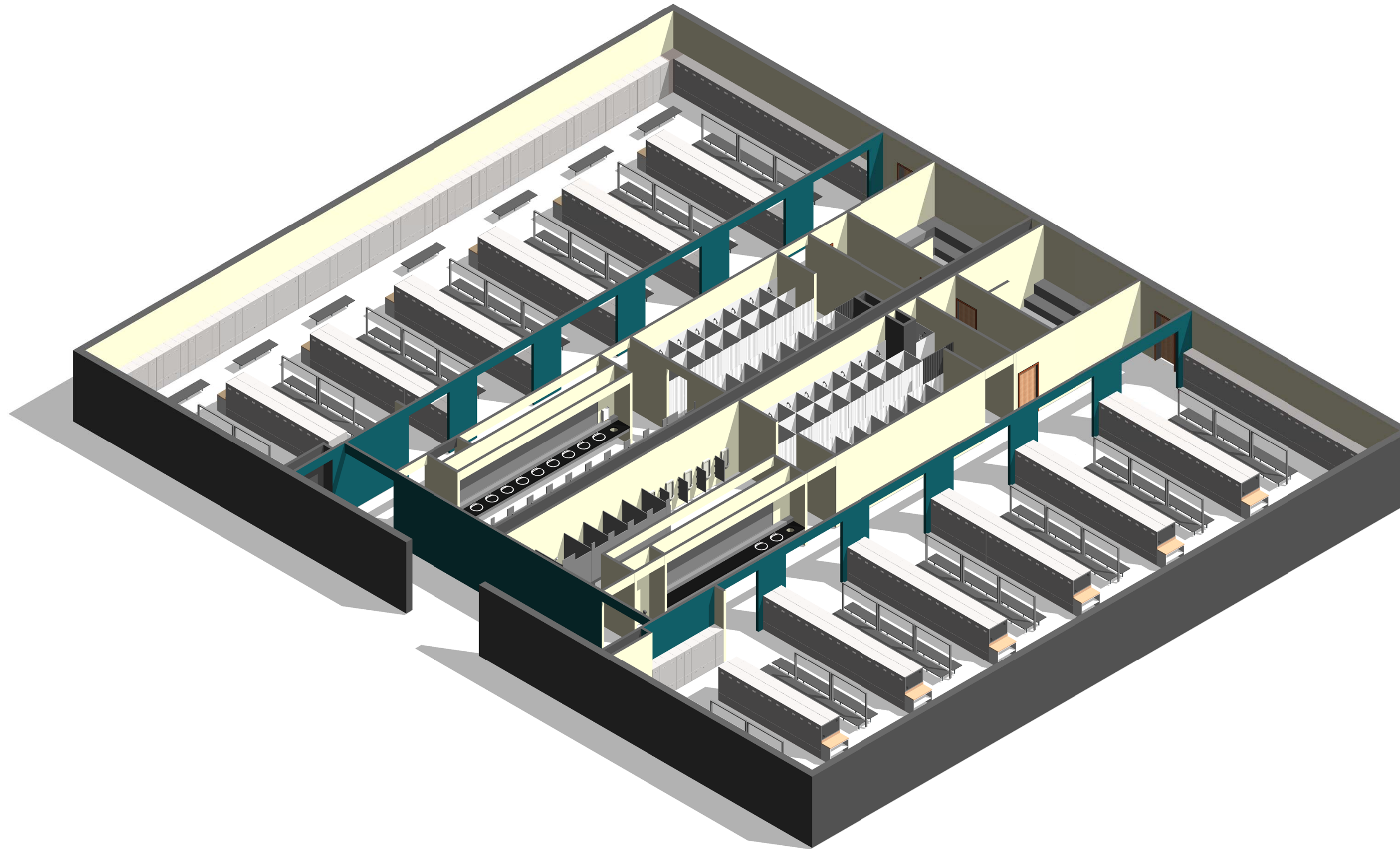
A-110

GENERAL NOTES

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LOCKER ROOM NOTES

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① MODULE 11- LOCKER ROOM - AXON.

AIR FORCE CENTER FOR ENGINEERING AND
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FACILITIES DYNAMIC PROTOTYPES DESIGN FOR:**FITNESS CENTER: LARGE SIZE****100% DESIGN**

Jacobs Project No.: FDWD1323

Drawing Title:

**LOCKER ROOM -
AXON.**

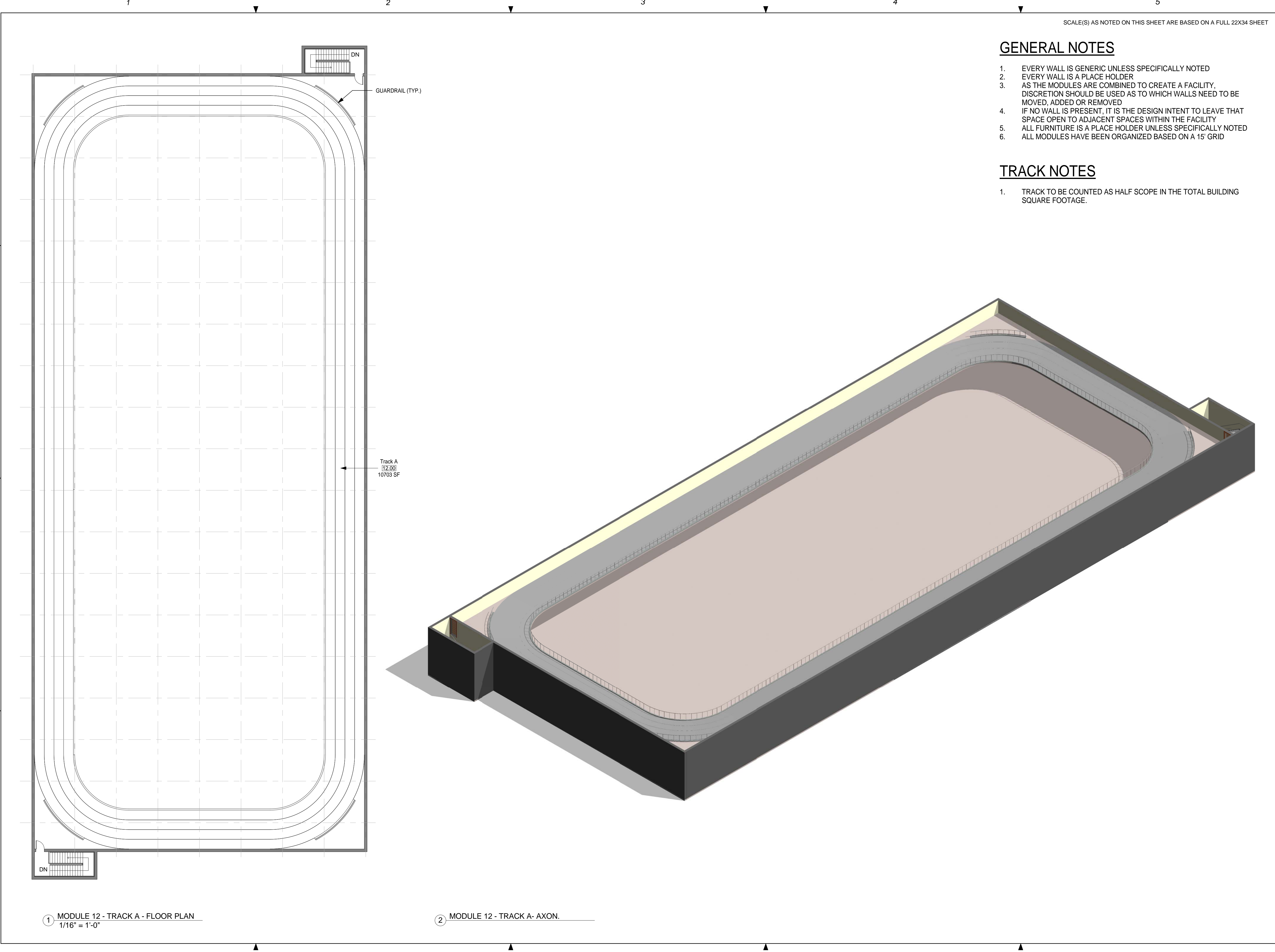
Date: 21 NOVEMBER 2011

Designed By: JN/MRB/OF Drawing No.:

Drawn By: JN/MRB/OF

Checked By: JS

A-111



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AIR FORCE CENTER FOR ENGINEERING AND THE ENVIRONMENT (AFCEE)
FACILITIES DYNAMIC PROTOTYPES DESIGN FOR:

FITNESS CENTER: LARGE SIZE

100% DESIGN

0 8' 16' 32'

SCALE: 1/16" = 1'

Jacobs Project No.:

FDWD1323

Drawing Title:

TRACK A

Date:

21 NOVEMBER 2011

Designed By: JN/MRB/OF

Drawing No.:

Drawn By: JN/MRB/OF

Checked By: JS

A-112

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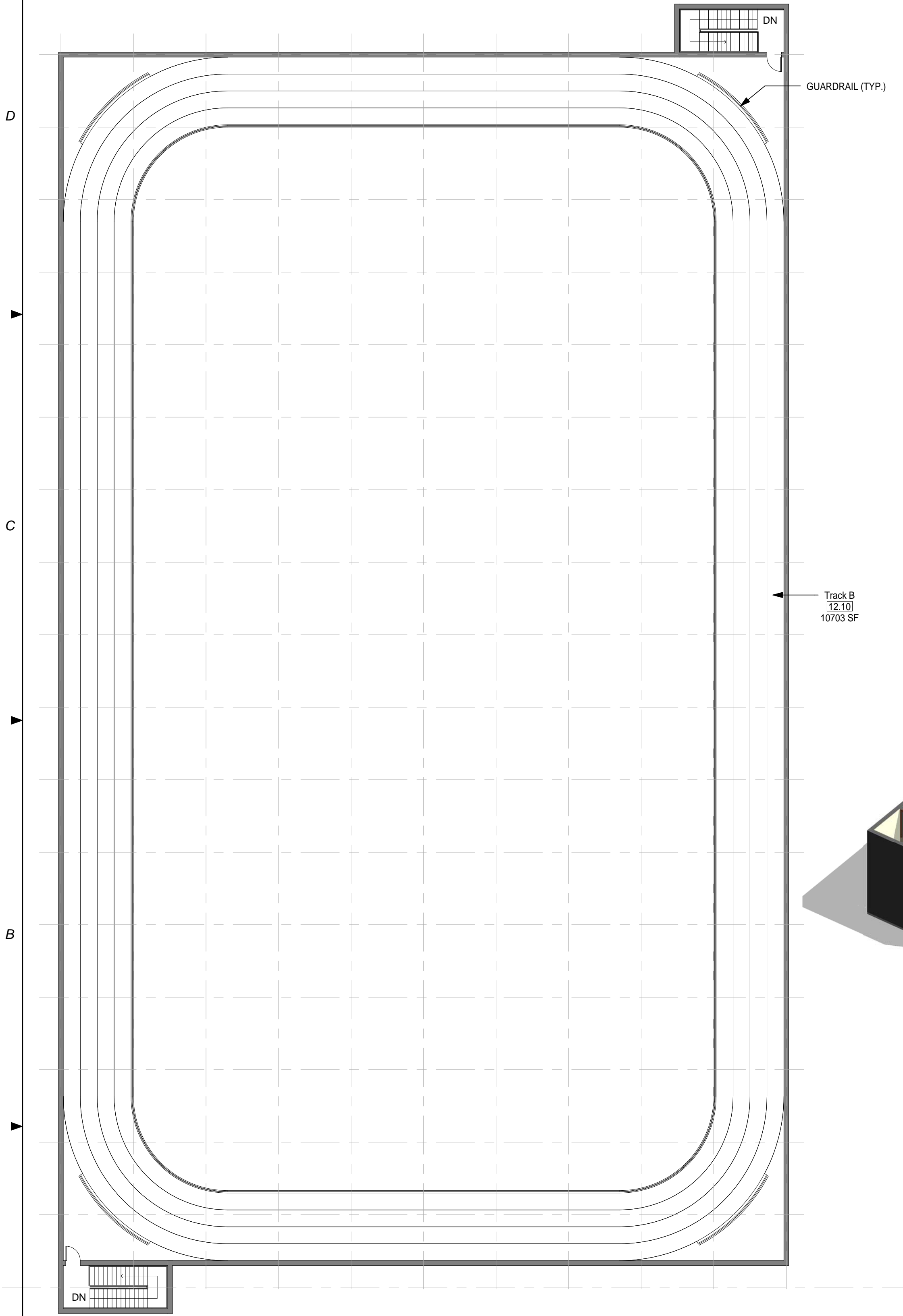
SCALE(S) AS NOTED ON THIS SHEET ARE BASED ON A FULL 22X34 SHEET

GENERAL NOTES

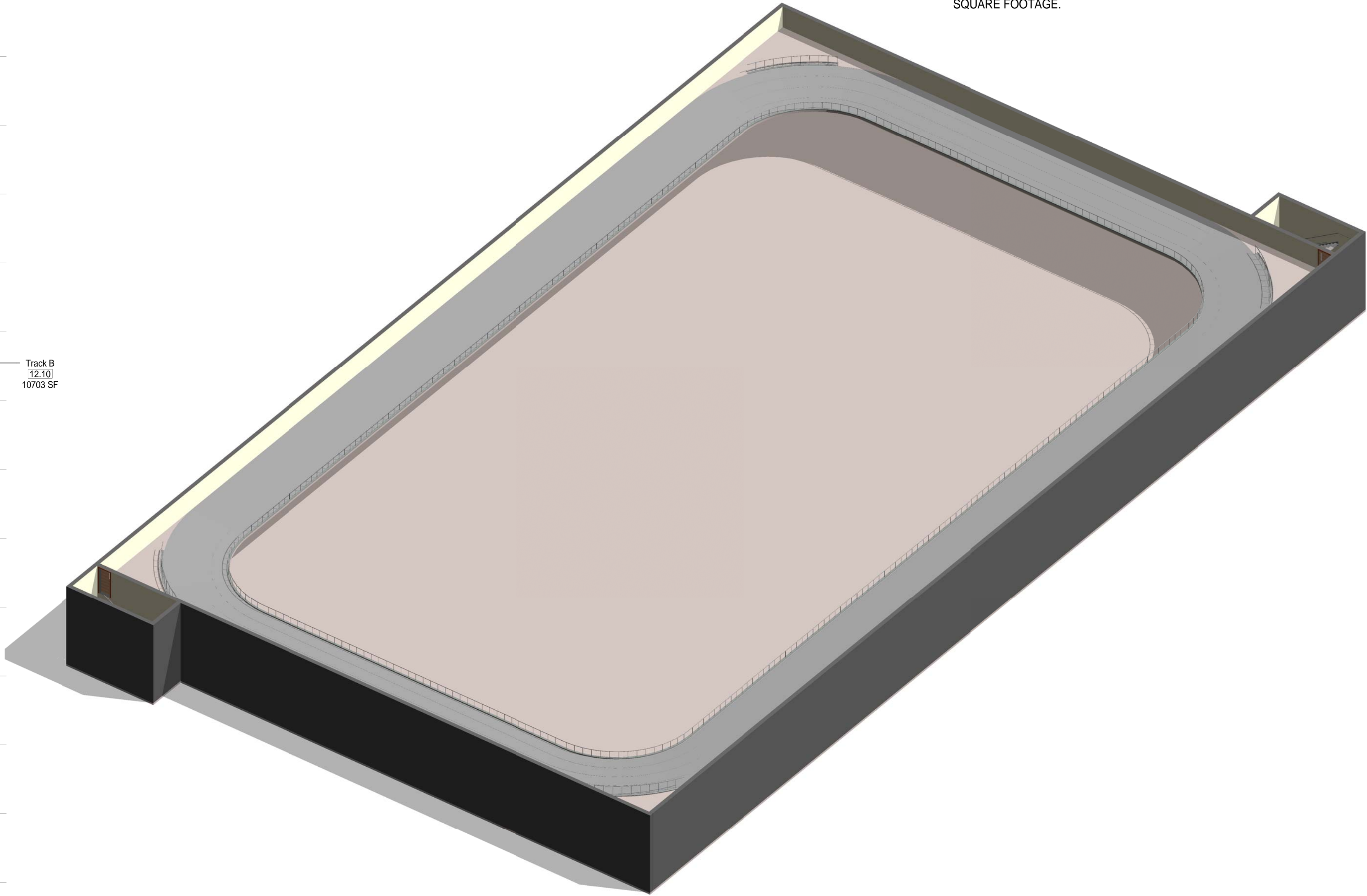
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TRACK NOTES

- 1. TRACK TO BE COUNTED AS HALF SCOPE IN THE TOTAL BUILDING SQUARE FOOTAGE.



② MODULE 12 - TRACK B - FLOOR PLAN
1/16" = 1'-0"



① MODULE 12 - TRACK B - AXON.



SCALE: 1/16" = 1'

Jacobs Project No.: FDWD1323

Drawing Title:

TRACK B

Date: 21 NOVEMBER 2011

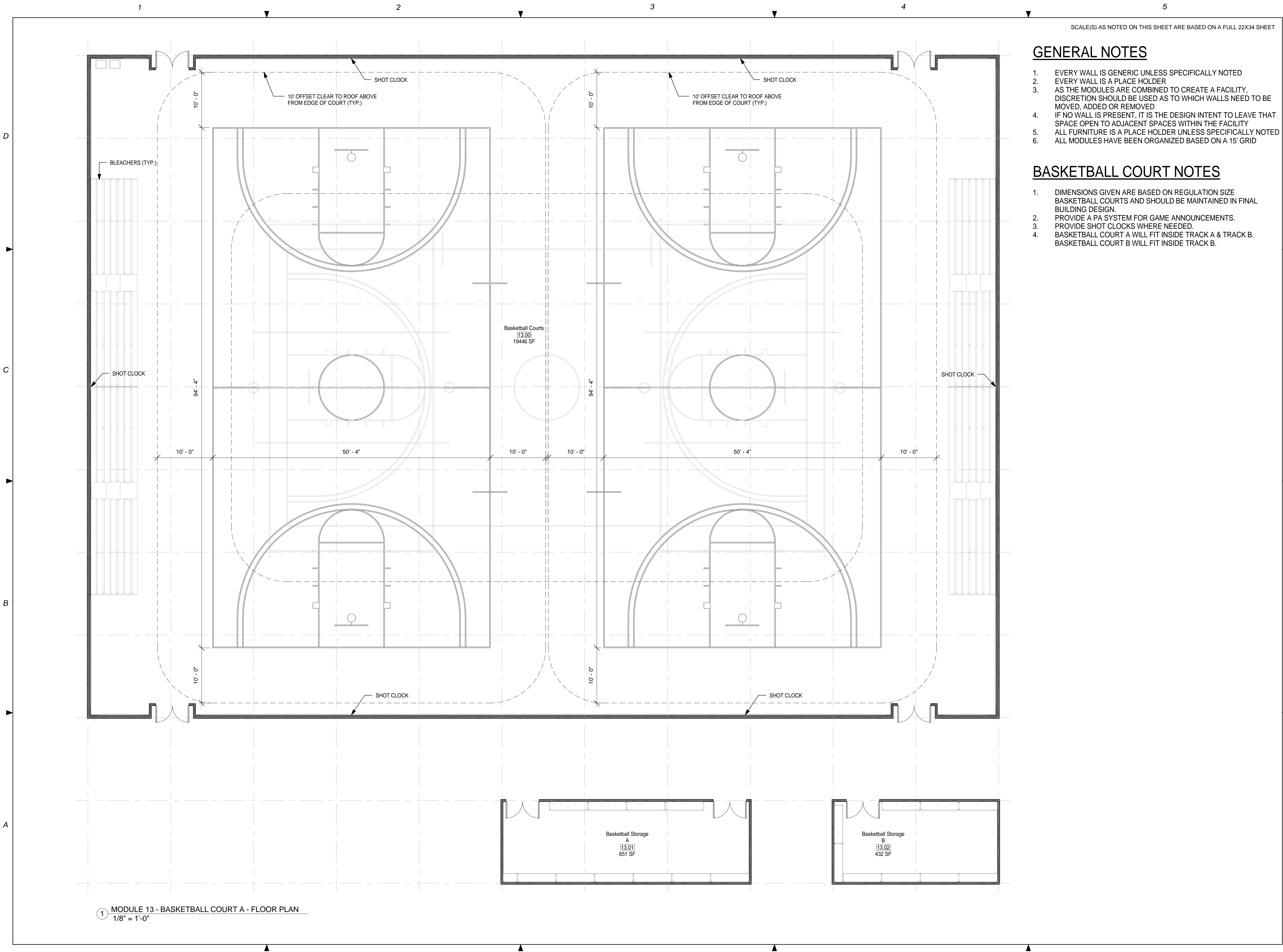
Designed By: JN/MRB/OF

Drawing No.:

Drawn By: JN/MRB/OF

Checked By: JS

A-113



SCALE(S) AS NOTED ON THIS SHEET ARE BASED ON A FULL 22X34 SHEET

GENERAL NOTES

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BASKETBALL COURT NOTES

1. DIMENSIONS GIVEN ARE BASED ON REGULATION SIZE BASKETBALL COURTS AND SHOULD BE MAINTAINED IN FINAL BUILDING DESIGN.
2. PROVIDE A PA SYSTEM FOR GAME ANNOUNCEMENTS.
3. PROVIDE SHOT CLOCKS WHERE NEEDED
4. BASKETBALL COURT A WILL FIT INSIDE TRACK A & TRACK B. BASKETBALL COURT B WILL FIT INSIDE TRACK B.

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FACILITIES DYNAMIC PROTOTYPES DESIGN FOR:**

**FITNESS CENTER: LARGE SIZE
100% DESIGN**

0 4' 8' 16'
SCALE: 1/8" = 1'

Jacobs Project No.: FDWD1323

Drawing Title:

**BASKETBALL
COURT A - FLOOR
PLAN**

Date: 21 NOVEMBER 2011

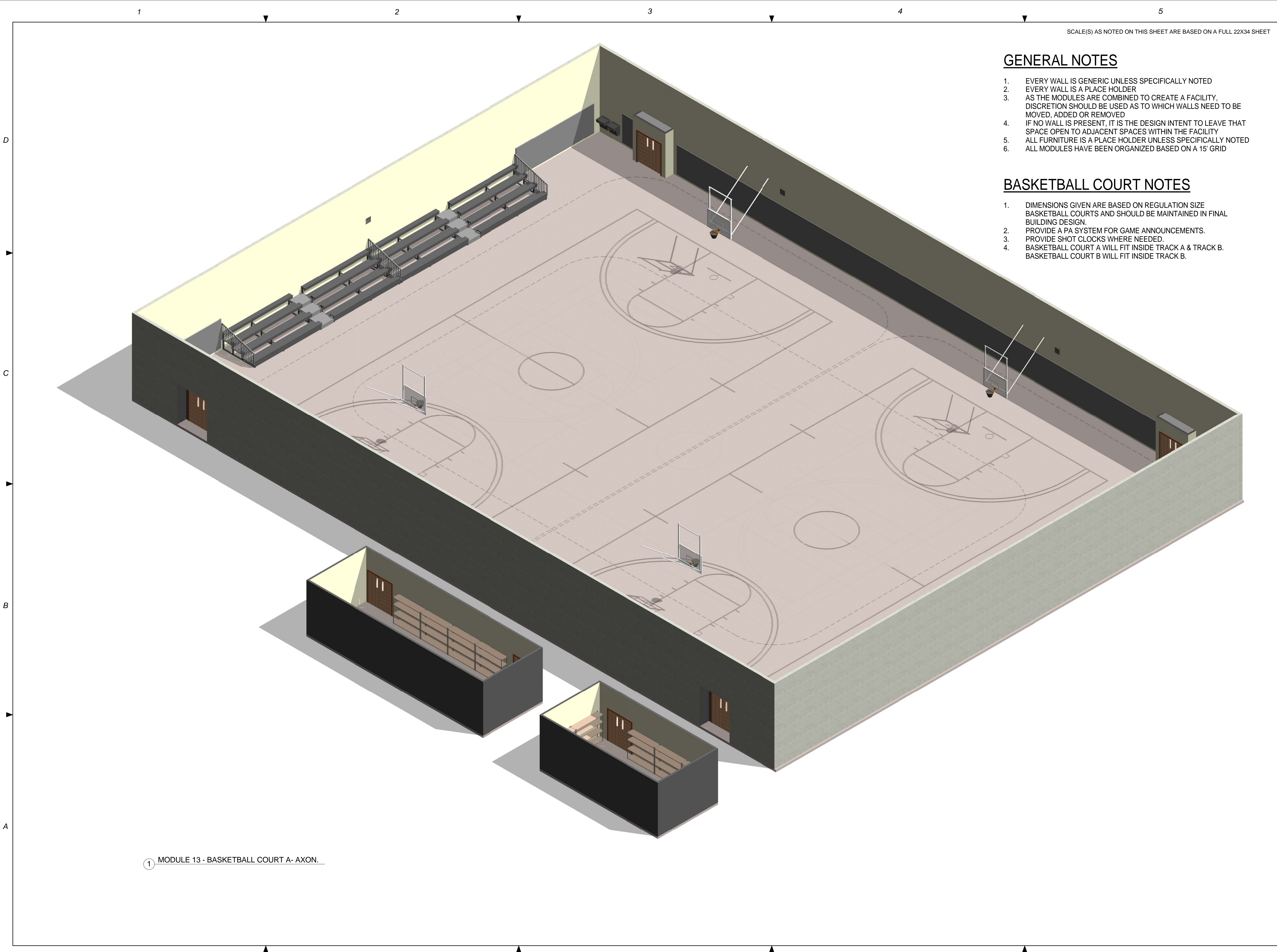
Designed By: JN/MRB/OF

Drawn By: JN/MRB/OF

Checked By: JS

Drawing No.:

A-114



SCALE(S) AS NOTED ON THIS SHEET ARE BASED ON A FULL 22X34 SHEET

GENERAL NOTES

- 1. EVERY WALL IS GENERIC UNLESS SPECIFICALLY NOTED
- 2. EVERY WALL IS A PLACE HOLDER
- 3. AS THE MODULES ARE COMBINED TO CREATE A FACILITY, DISCRETION SHOULD BE USED AS TO WHICH WALLS NEED TO BE MOVED, ADDED OR REMOVED
- 4. IF NO WALL IS PRESENT, IT IS THE DESIGN INTENT TO LEAVE THAT SPACE OPEN TO ADJACENT SPACES WITHIN THE FACILITY
- 5. ALL FURNITURE IS A PLACE HOLDER UNLESS SPECIFICALLY NOTED
- 6. ALL MODULES HAVE BEEN ORGANIZED BASED ON A 15' GRID

BASKETBALL COURT NOTES

- 1. DIMENSIONS GIVEN ARE BASED ON REGULATION SIZE BASKETBALL COURTS AND SHOULD BE MAINTAINED IN FINAL BUILDING DESIGN.
- 2. PROVIDE A PA SYSTEM FOR GAME ANNOUNCEMENTS.
- 3. PROVIDE SHOT CLOCKS WHERE NEEDED.
- 4. BASKETBALL COURT A WILL FIT INSIDE TRACK A & TRACK B. BASKETBALL COURT B WILL FIT INSIDE TRACK B.

JACOBS™

NOT FOR
CONSTRUCTION

911 Central Parkway N., Suite 425 San Antonio, TX 78323
501 North Broadway, St. Louis, Missouri 63102-2121

AIR FORCE CENTER FOR ENGINEERING AND
THE ENVIRONMENT (AFCEE)
FACILITIES DYNAMIC PROTOTYPES DESIGN FOR:

FITNESS CENTER: LARGE SIZE

100% DESIGN

Jacobs Project No.: FDWD1323

Drawing Title:

BASKETBALL
COURT A - AXON.

Date: 21 NOVEMBER 2011

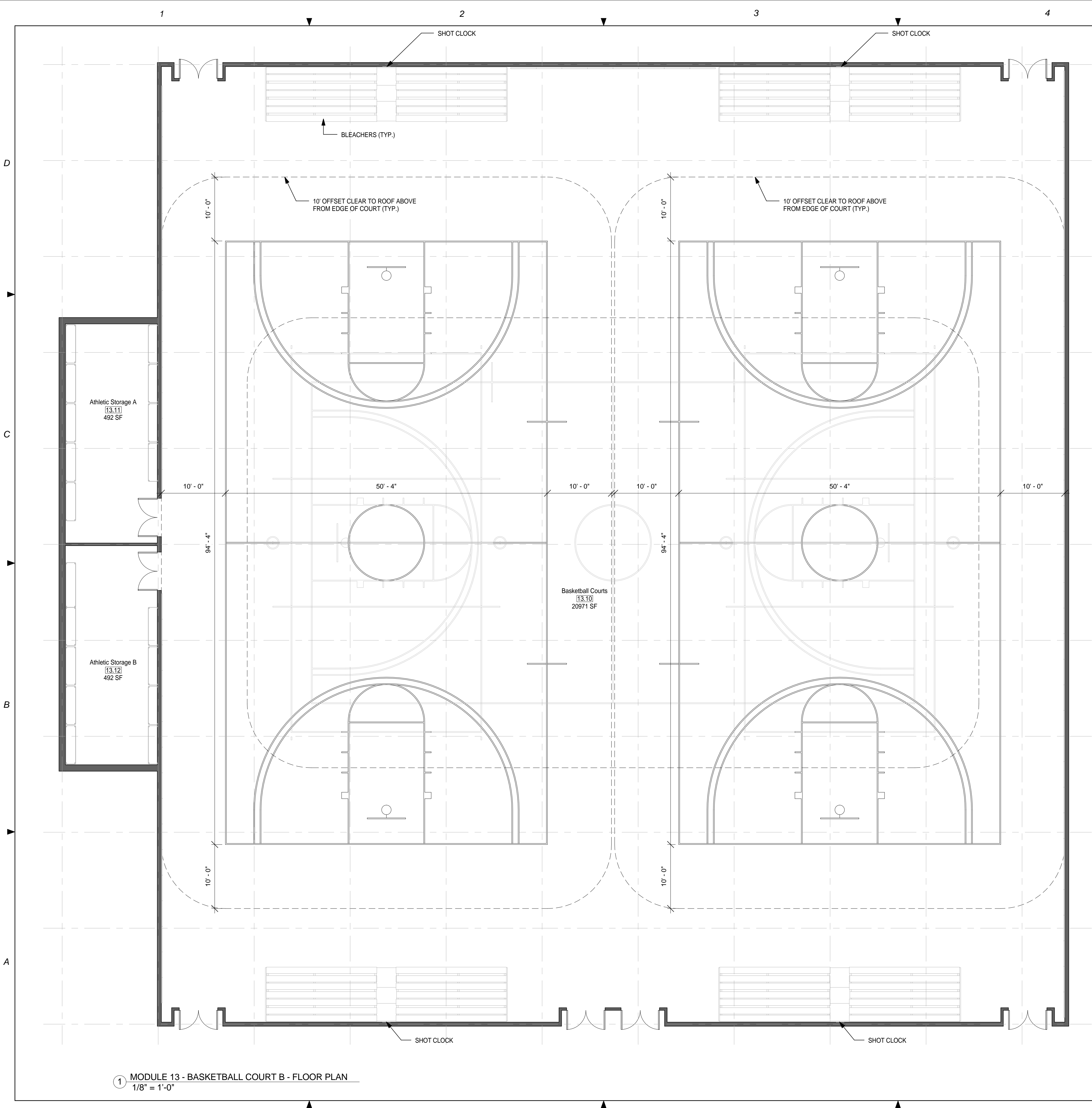
Designed By: JN/MRB/OF

Drawn By: JN/MRB/OF

Checked By: JS

Drawing No.:

A-115

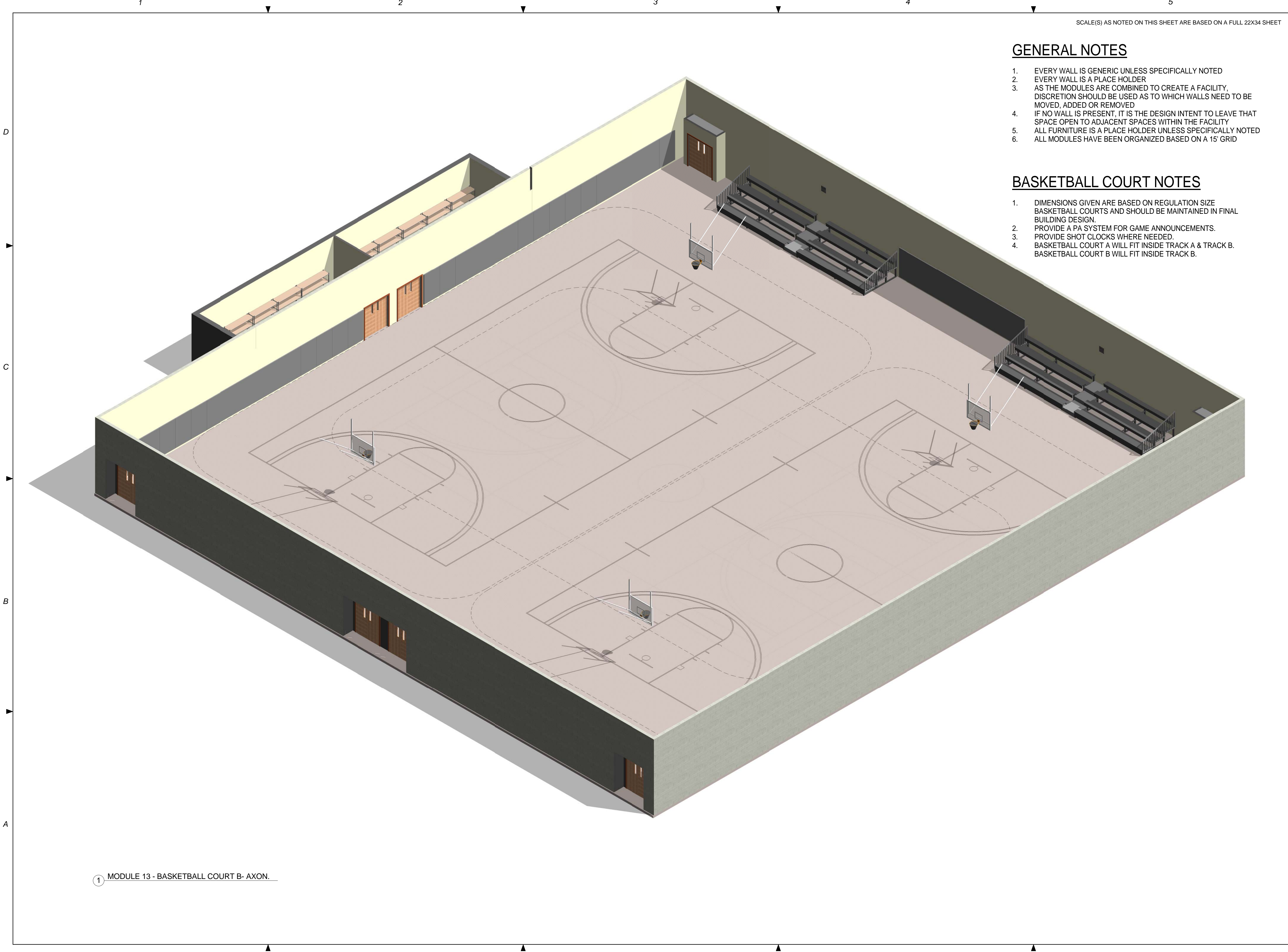


GENERAL NOTES

1. EVERY WALL IS GENERIC UNLESS SPECIFICALLY NOTED
2. EVERY WALL IS A PLACE HOLDER
3. AS THE MODULES ARE COMBINED TO CREATE A FACILITY, DISCRETION SHOULD BE USED AS TO WHICH WALLS NEED TO BE MOVED, ADDED OR REMOVED
4. IF NO WALL IS PRESENT, IT IS THE DESIGN INTENT TO LEAVE THAT SPACE OPEN TO ADJACENT SPACES WITHIN THE FACILITY
5. ALL FURNITURE IS A PLACE HOLDER UNLESS SPECIFICALLY NOTED
6. ALL MODULES HAVE BEEN ORGANIZED BASED ON A 15' GRID

BASKETBALL COURT NOTES

1. DIMENSIONS GIVEN ARE BASED ON REGULATION SIZE BASKETBALL COURTS AND SHOULD BE MAINTAINED IN FINAL BUILDING DESIGN.
2. PROVIDE A PA SYSTEM FOR GAME ANNOUNCEMENTS.
3. PROVIDE SHOT CLOCKS WHERE NEEDED.
4. BASKETBALL COURT A WILL FIT INSIDE TRACK A & TRACK B. BASKETBALL COURT B WILL FIT INSIDE TRACK B.



SCALE(S) AS NOTED ON THIS SHEET ARE BASED ON A FULL 22X34 SHEET

GENERAL NOTES

1. EVERY WALL IS GENERIC UNLESS SPECIFICALLY NOTED
2. EVERY WALL IS A PLACE HOLDER
3. AS THE MODULES ARE COMBINED TO CREATE A FACILITY, DISCRETION SHOULD BE USED AS TO WHICH WALLS NEED TO BE MOVED, ADDED OR REMOVED
4. IF NO WALL IS PRESENT, IT IS THE DESIGN INTENT TO LEAVE THAT SPACE OPEN TO ADJACENT SPACES WITHIN THE FACILITY
5. ALL FURNITURE IS A PLACE HOLDER UNLESS SPECIFICALLY NOTED
6. ALL MODULES HAVE BEEN ORGANIZED BASED ON A 15' GRID

BASKETBALL COURT NOTES

1. DIMENSIONS GIVEN ARE BASED ON REGULATION SIZE BASKETBALL COURTS AND SHOULD BE MAINTAINED IN FINAL BUILDING DESIGN.
2. PROVIDE A PA SYSTEM FOR GAME ANNOUNCEMENTS.
3. PROVIDE SHOT CLOCKS WHERE NEEDED.
4. BASKETBALL COURT A WILL FIT INSIDE TRACK A & TRACK B. BASKETBALL COURT B WILL FIT INSIDE TRACK B.

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AIR FORCE CENTER FOR ENGINEERING AND
THE ENVIRONMENT (AFCEE)
FACILITIES DYNAMIC PROTOTYPES DESIGN FOR:

FITNESS CENTER: LARGE SIZE

100% DESIGN

Jacobs Project No.: FDWD1323

Drawing Title:

BASKETBALL
COURT B - AXON.

Date: 21 NOVEMBER 2011

Designed By: JN/MRB/OF

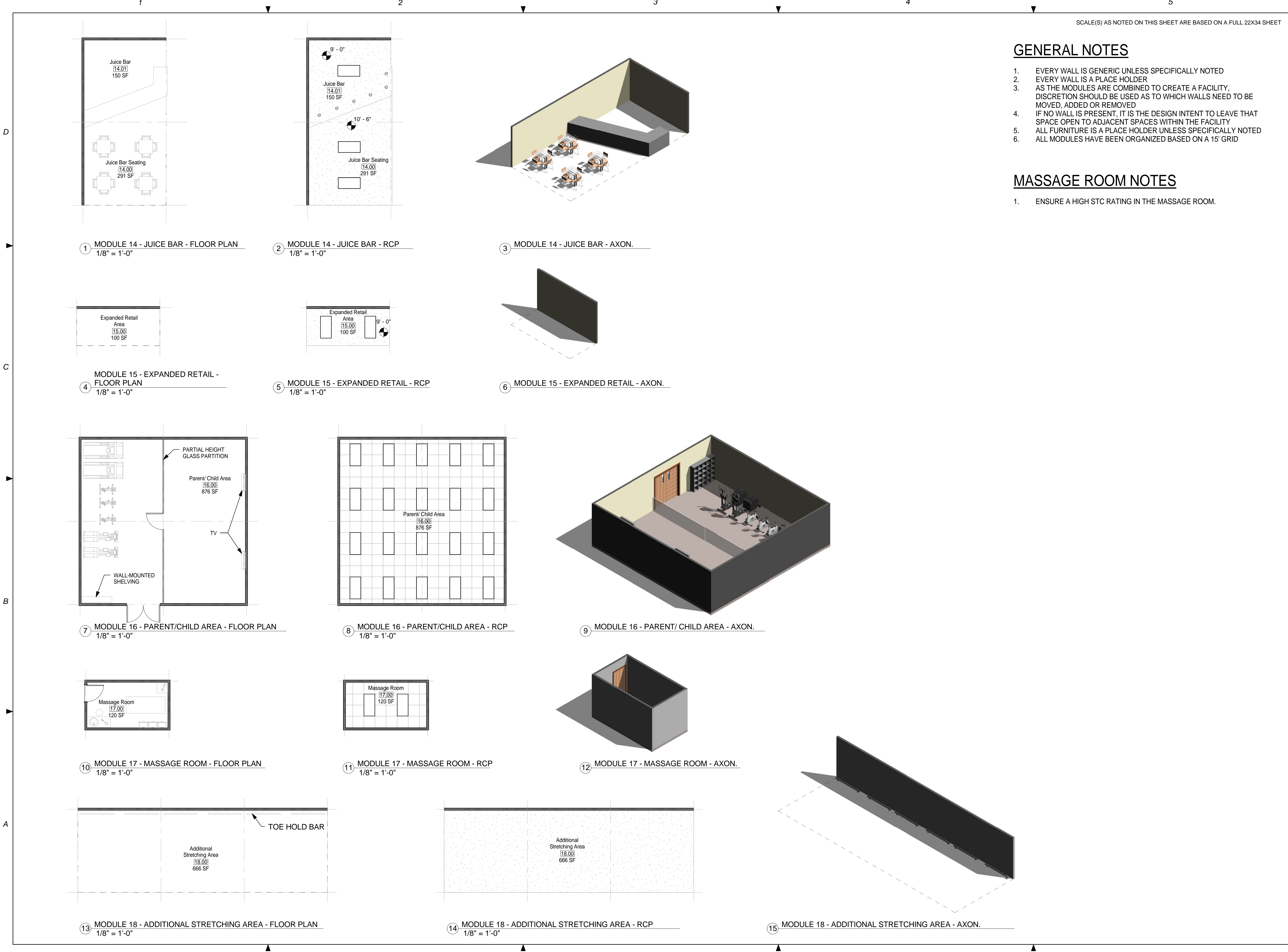
Drawn By: JN/MRB/OF

Checked By: JS

Drawing No.:

A-117

1 MODULE 13 - BASKETBALL COURT B- AXON.



NOT FOR
CONSTRUCTION

AIR FORCE CENTER FOR ENGINEERING AND
THE ENVIRONMENT (AFCEE)
FACILITIES DYNAMIC PROTOTYPES DESIGN FOR:

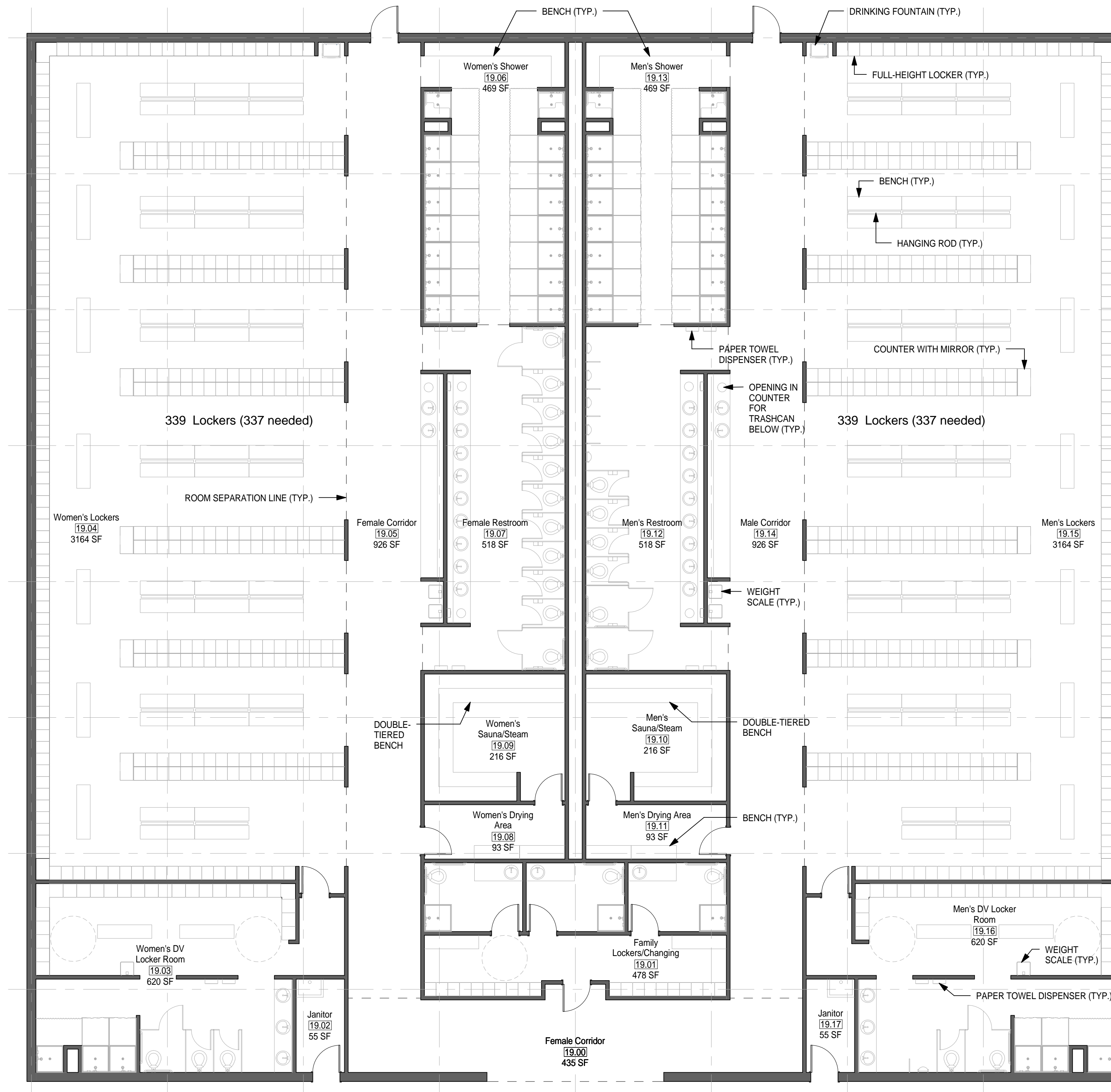
FITNESS CENTER: LARGE SIZE

100% DESIGN

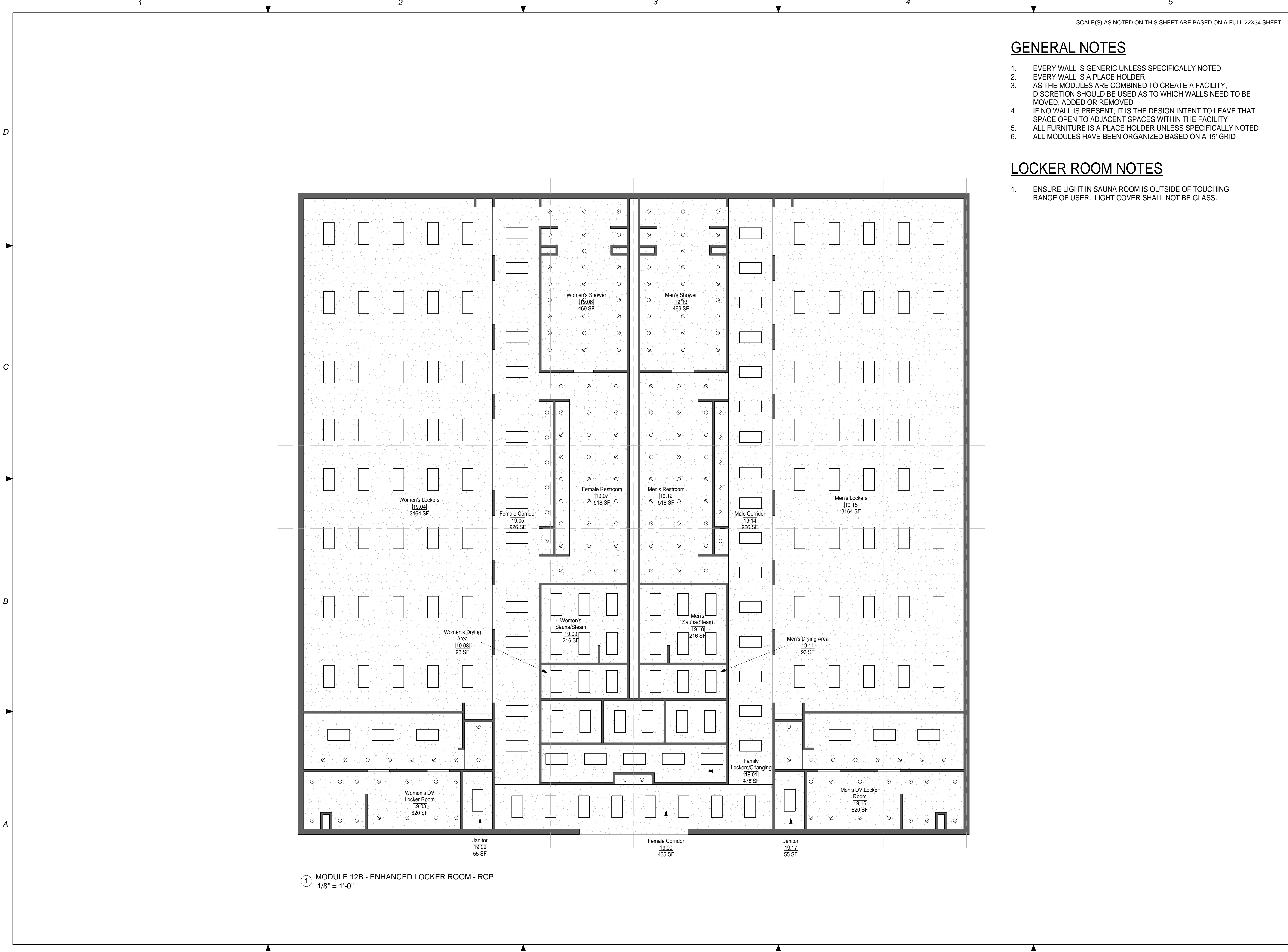
A-202

1. EVERY WALL IS GENERIC UNLESS SPECIFICALLY NOTED
2. EVERY WALL IS A PLACE HOLDER
3. AS THE MODULES ARE COMBINED TO CREATE A FACILITY, DISCRETION SHOULD BE USED AS TO WHICH WALLS NEED TO BE MOVED, ADDED OR REMOVED
4. IF NO WALL IS PRESENT, IT IS THE DESIGN INTENT TO LEAVE THAT SPACE OPEN TO ADJACENT SPACES WITHIN THE FACILITY
5. ALL FURNITURE IS A PLACE HOLDER UNLESS SPECIFICALLY NOTED
6. ALL MODULES HAVE BEEN ORGANIZED BASED ON A 15' GRID

1. ENSURE LIGHT IN SAUNA ROOM IS OUTSIDE OF TOUCHING RANGE OF USER. LIGHT COVER SHALL NOT BE GLASS.



1 MODULE 19 - ENHANCED LOCKER ROOM - FLOOR PLAN
1/8" = 1'-0"



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SCALE(S) AS NOTED ON THIS SHEET ARE BASED ON A FULL 22X34 SHEET

JACOBS™

NOT FOR
CONSTRUCTION

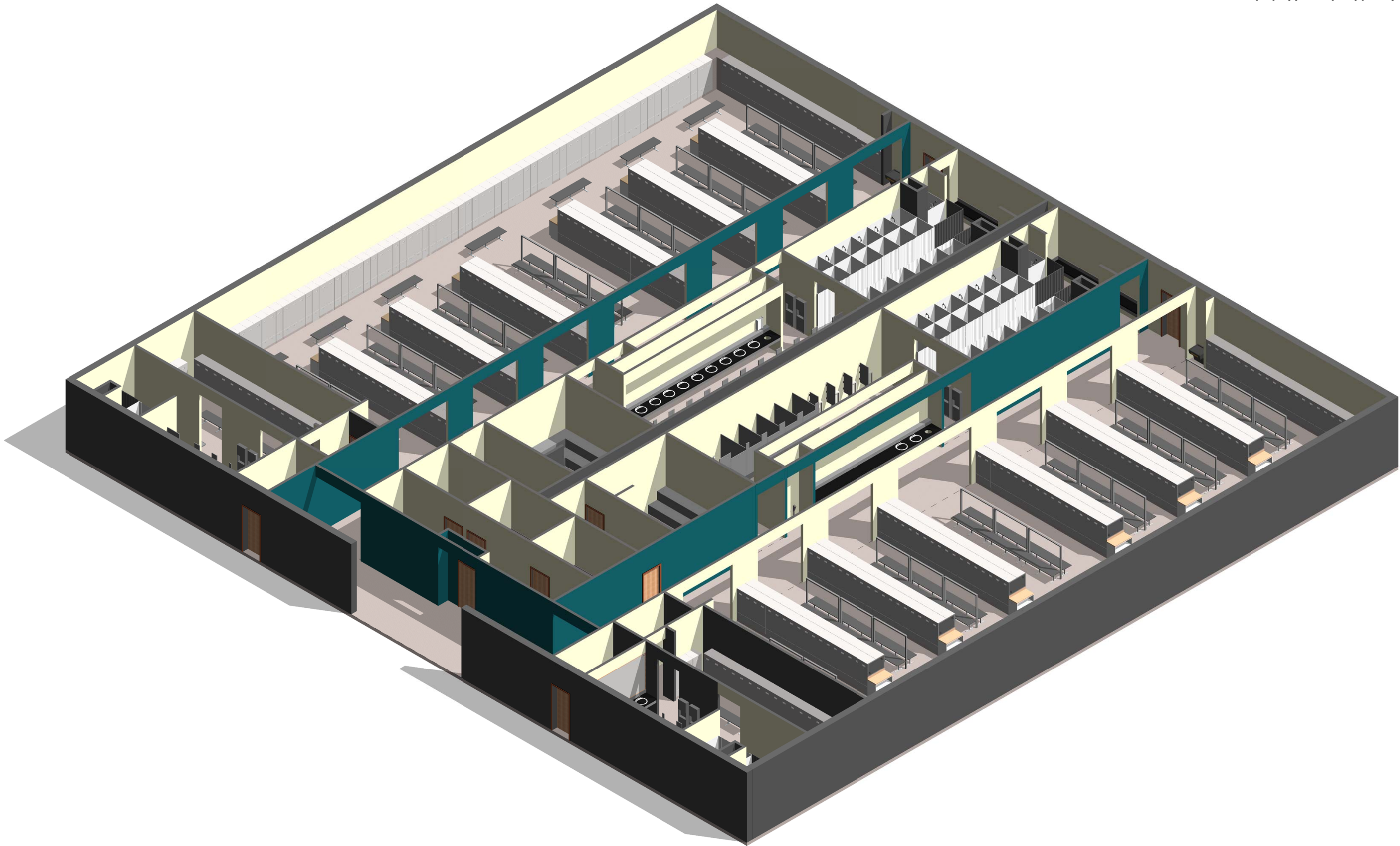
911 Central Parkway N., Suite 425 San Antonio, TX 78323
501 North Broadway, St. Louis, Missouri 63102-2121

GENERAL NOTES

- 1. EVERY WALL IS GENERIC UNLESS SPECIFICALLY NOTED
- 2. EVERY WALL IS A PLACE HOLDER
- 3. AS THE MODULES ARE COMBINED TO CREATE A FACILITY, DISCRETION SHOULD BE USED AS TO WHICH WALLS NEED TO BE MOVED, ADDED OR REMOVED
- 4. IF NO WALL IS PRESENT, IT IS THE DESIGN INTENT TO LEAVE THAT SPACE OPEN TO ADJACENT SPACES WITHIN THE FACILITY
- 5. ALL FURNITURE IS A PLACE HOLDER UNLESS SPECIFICALLY NOTED
- 6. ALL MODULES HAVE BEEN ORGANIZED BASED ON A 15' GRID

LOCKER ROOM NOTES

- 1. ENSURE LIGHT IN SAUNA ROOM IS OUTSIDE OF TOUCHING RANGE OF USER. LIGHT COVER SHALL NOT BE GLASS.



① MODULE 12B- ENHANCED LOCKER ROOM- AXON.

AIR FORCE CENTER FOR ENGINEERING AND
THE ENVIRONMENT (AFCEE)
FACILITIES DYNAMIC PROTOTYPES DESIGN FOR:

FITNESS CENTER: LARGE SIZE

100% DESIGN

Jacobs Project No.: FDWD1323

Drawing Title:

ENHANCED LOCKER
ROOM - AXON.

Date: 21 NOVEMBER 2011

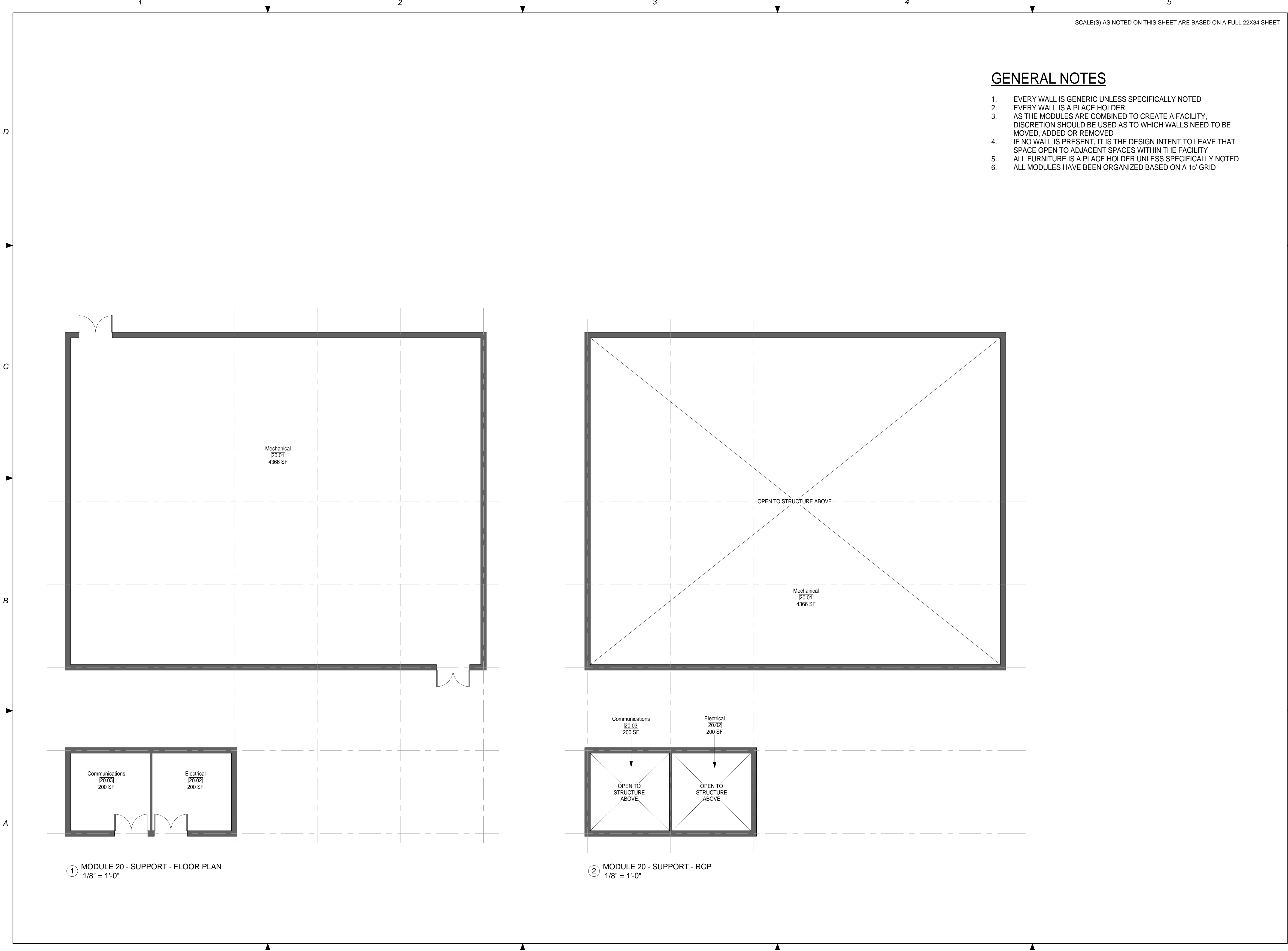
Designed By: JN/MRB/OF

Drawn By: JN/MRB/OF

Checked By: JS

Drawing No.:

A-204



SCALE(S) AS NOTED ON THIS SHEET ARE BASED ON A FULL 22X34 SHEET

GENERAL NOTES

- 1. EVERY WALL IS GENERIC UNLESS SPECIFICALLY NOTED
- 2. EVERY WALL IS A PLACE HOLDER
- 3. AS THE MODULES ARE COMBINED TO CREATE A FACILITY, DISCRETION SHOULD BE USED AS TO WHICH WALLS NEED TO BE MOVED, ADDED OR REMOVED
- 4. IF NO WALL IS PRESENT, IT IS THE DESIGN INTENT TO LEAVE THAT SPACE OPEN TO ADJACENT SPACES WITHIN THE FACILITY
- 5. ALL FURNITURE IS A PLACE HOLDER UNLESS SPECIFICALLY NOTED
- 6. ALL MODULES HAVE BEEN ORGANIZED BASED ON A 15' GRID

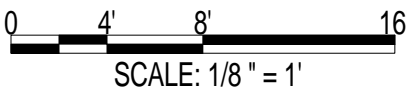


NOT FOR
CONSTRUCTION

911 Central Parkway N., Suite 425 San Antonio, TX 78323
501 North Broadway, St. Louis, Missouri 63102-2121

AIR FORCE CENTER FOR ENGINEERING AND
THE ENVIRONMENT (AFCEE)
FACILITIES DYNAMIC PROTOTYPES DESIGN FOR:

FITNESS CENTER: LARGE SIZE
100% DESIGN



Jacobs Project No.: FDWD1323

Drawing Title:

SUPPORT - FLOOR
PLAN & RCP

Date: 21 NOVEMBER 2011

Designed By: JN/MRB/OF

Drawn By: JN/MRB/OF

Checked By: JS

Drawing No.:

A-301

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SCALE(S) AS NOTED ON THIS SHEET ARE BASED ON A FULL 22X34 SHEET

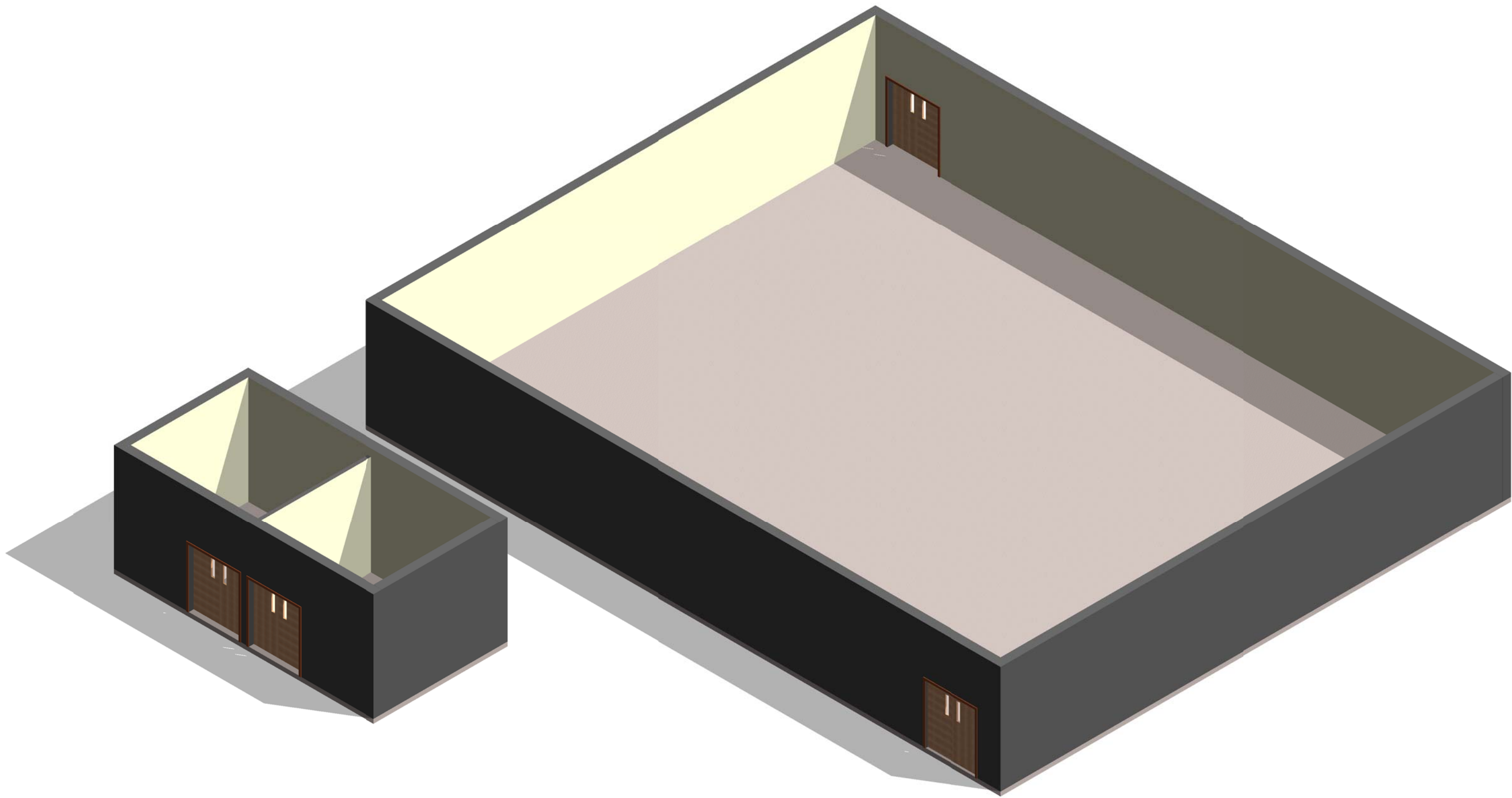


NOT FOR
CONSTRUCTION

911 Central Parkway N., Suite 425 San Antonio, TX 78323
501 North Broadway, St. Louis, Missouri 63102-2121

GENERAL NOTES

- 1. EVERY WALL IS GENERIC UNLESS SPECIFICALLY NOTED
- 2. EVERY WALL IS A PLACE HOLDER
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- 4. IF NO WALL IS PRESENT, IT IS THE DESIGN INTENT TO LEAVE THAT SPACE OPEN TO ADJACENT SPACES WITHIN THE FACILITY
- 5. ALL FURNITURE IS A PLACE HOLDER UNLESS SPECIFICALLY NOTED
- 6. ALL MODULES HAVE BEEN ORGANIZED BASED ON A 15' GRID



1 MODULE 20- SUPPORT - AXON.

AIR FORCE CENTER FOR ENGINEERING AND
THE ENVIRONMENT (AFCEE)
FACILITIES DYNAMIC PROTOTYPES DESIGN FOR:

FITNESS CENTER: LARGE SIZE
100% DESIGN

Jacobs Project No.: FDWD1323

Drawing Title:

SUPPORT - AXON.

Date: 21 NOVEMBER 2011

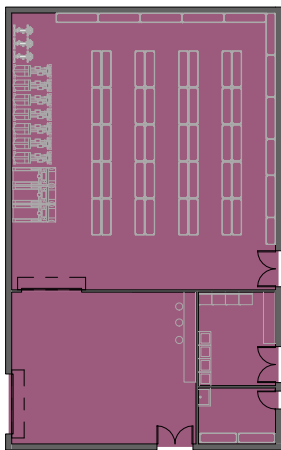
Designed By: JN/MRB/OF Drawing No.:
Drawn By: JN/MRB/OF
Checked By: JS

A-302

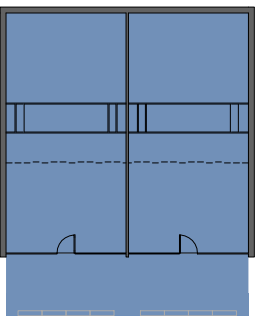
INDIVIDUAL MODULES

SCALE: 1/32" = 1'0"

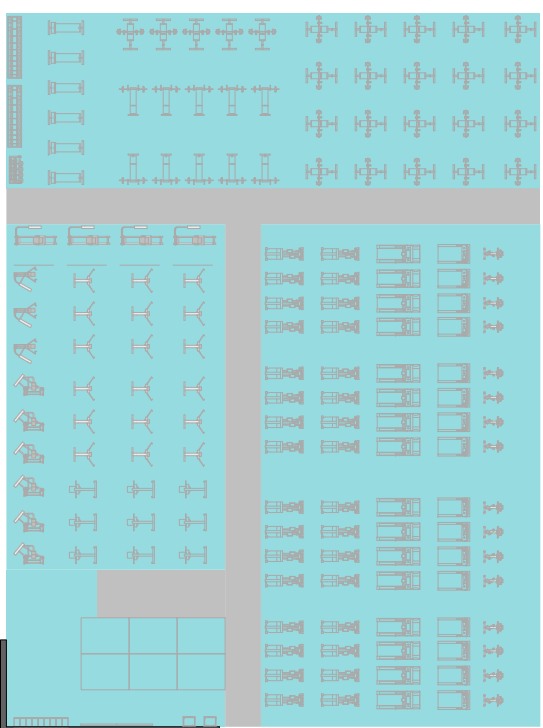
7. SUPPORT



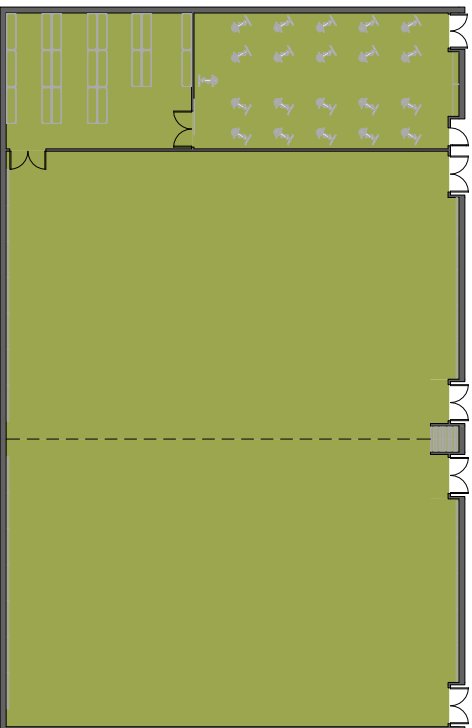
8. RACQUETBALL



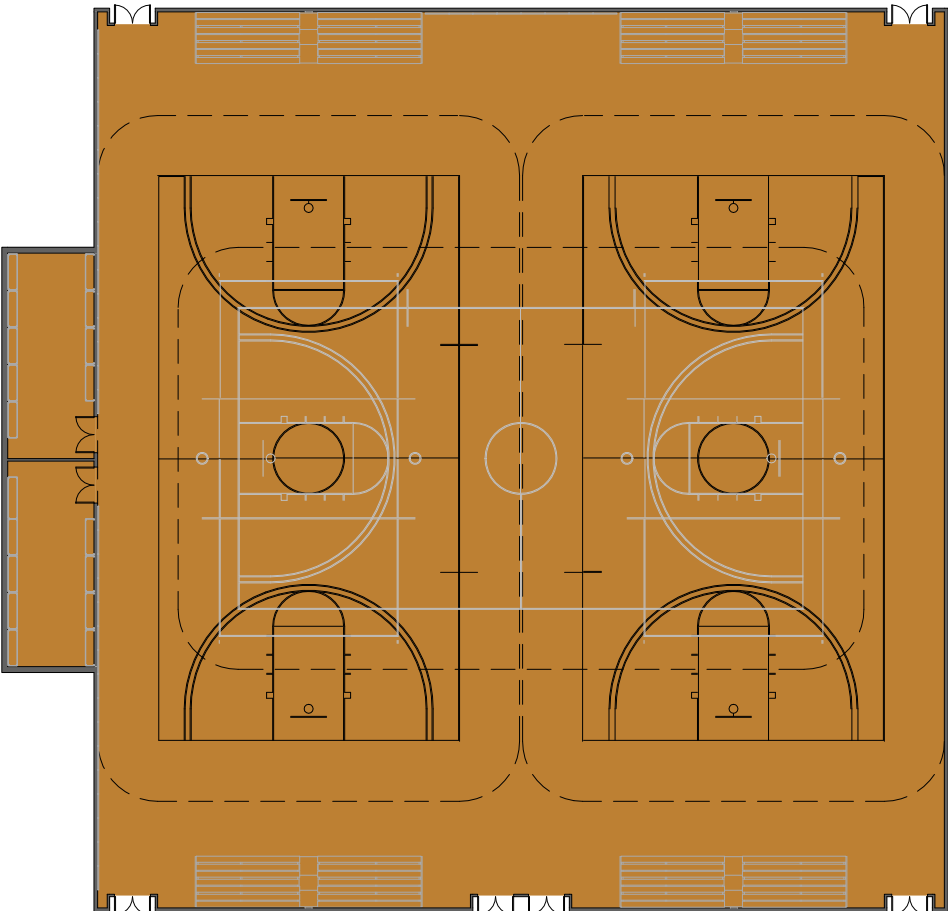
9. CARDIO/ WEIGHT ROOM



10. GROUP EXERCISE



13B. BASKETBALL/ VOLLEYBALL COURTS

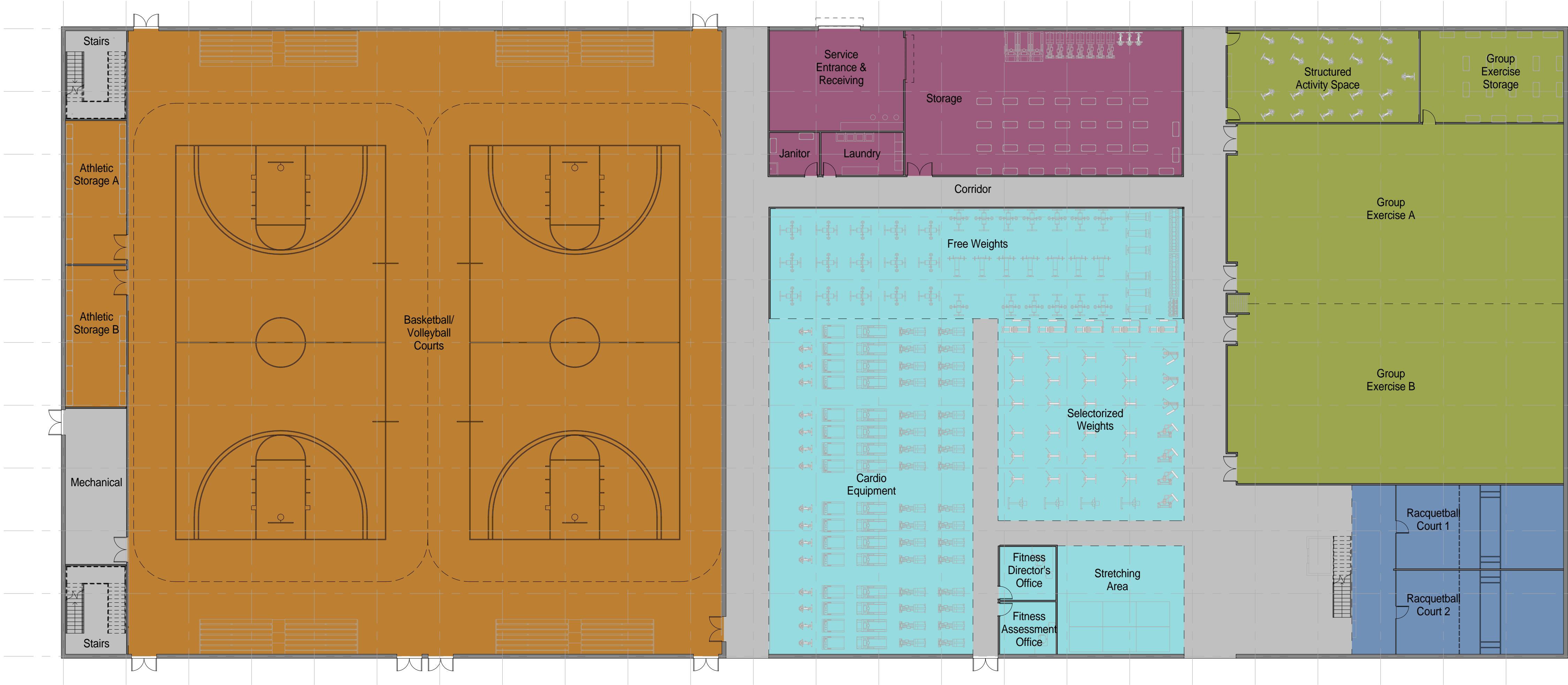


MEGA MODULE NOTES

1. MEGA MODULE IS PROVIDED TO ILLUSTRATE AN OPTIONAL WAY OF ARRANGING SOME OF THE INDIVIDUAL MODULES. THE MEGA MODULE IS NOT INTENDED TO CONSTITUTE A FINAL DESIGN.

MEGA MODULE - FIRST FLOOR PLAN

SCALE: 1/16" = 1'0"

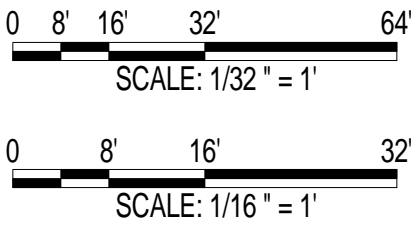


NOT FOR
CONSTRUCTION

911 Central Parkway N., Suite 425 San Antonio, TX 78323
501 North Broadway, St. Louis, Missouri 63102-2121

AIR FORCE CENTER FOR ENGINEERING AND
THE ENVIRONMENT (AFCEE)
FACILITIES DYNAMIC PROTOTYPES DESIGN FOR:

FITNESS CENTER: LARGE SIZE
100% DESIGN



Jacobs Project No.: FDWD1323

Drawing Title:

MEGA MODULE -
FLOOR PLAN

Date: 21 NOVEMBER 2011
Designed By: JN/MRB/OF Drawing No.:
Drawn By: JN/MRB/OF
Checked By: JS A-401

1

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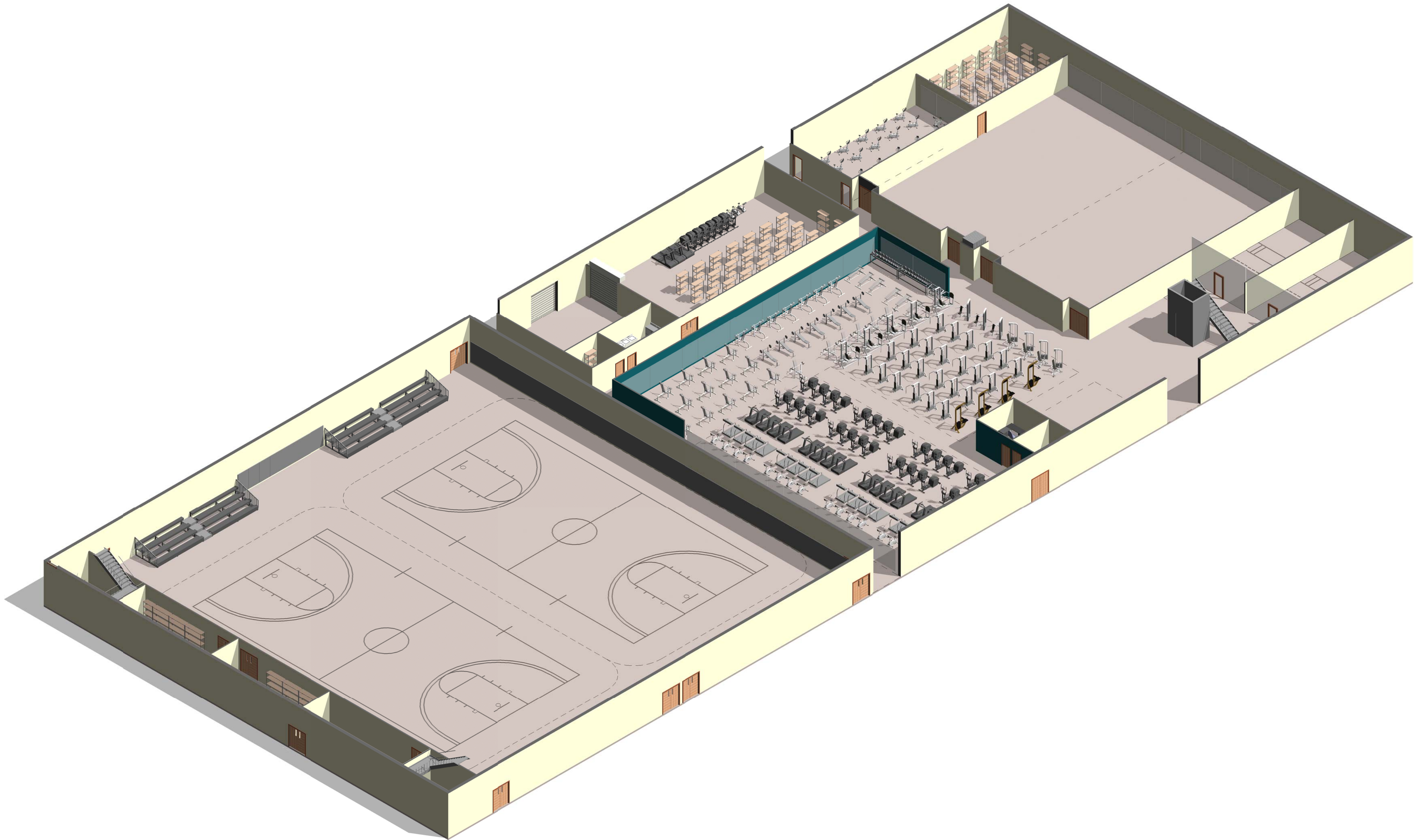
4

5

SCALE(S) AS NOTED ON THIS SHEET ARE BASED ON A FULL 22X34 SHEET

MEGA MODULE NOTES

1. MEGA MODULE IS PROVIDED TO ILLUSTRATE AN OPTIONAL WAY OF ARRANGING SOME OF THE INDIVIDUAL MODULES. THE MEGA MODULE IS NOT INTENDED TO CONSTITUTE A FINAL DESIGN.



1 MEGA MODULE - AXON.

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CONSTRUCTION

911 Central Parkway N., Suite 425 San Antonio, TX 78323
501 North Broadway, St. Louis, Missouri 63102-2121

AIR FORCE CENTER FOR ENGINEERING AND
THE ENVIRONMENT (AFCEE)
FACILITIES DYNAMIC PROTOTYPES DESIGN FOR:

FITNESS CENTER: LARGE SIZE

100% DESIGN

Jacobs Project No.: FDWD1323

Drawing Title:

MEGA MODULE -
AXON.

Date: 21 NOVEMBER 2011

Designed By: JN/MRB/OF

Drawing No.:

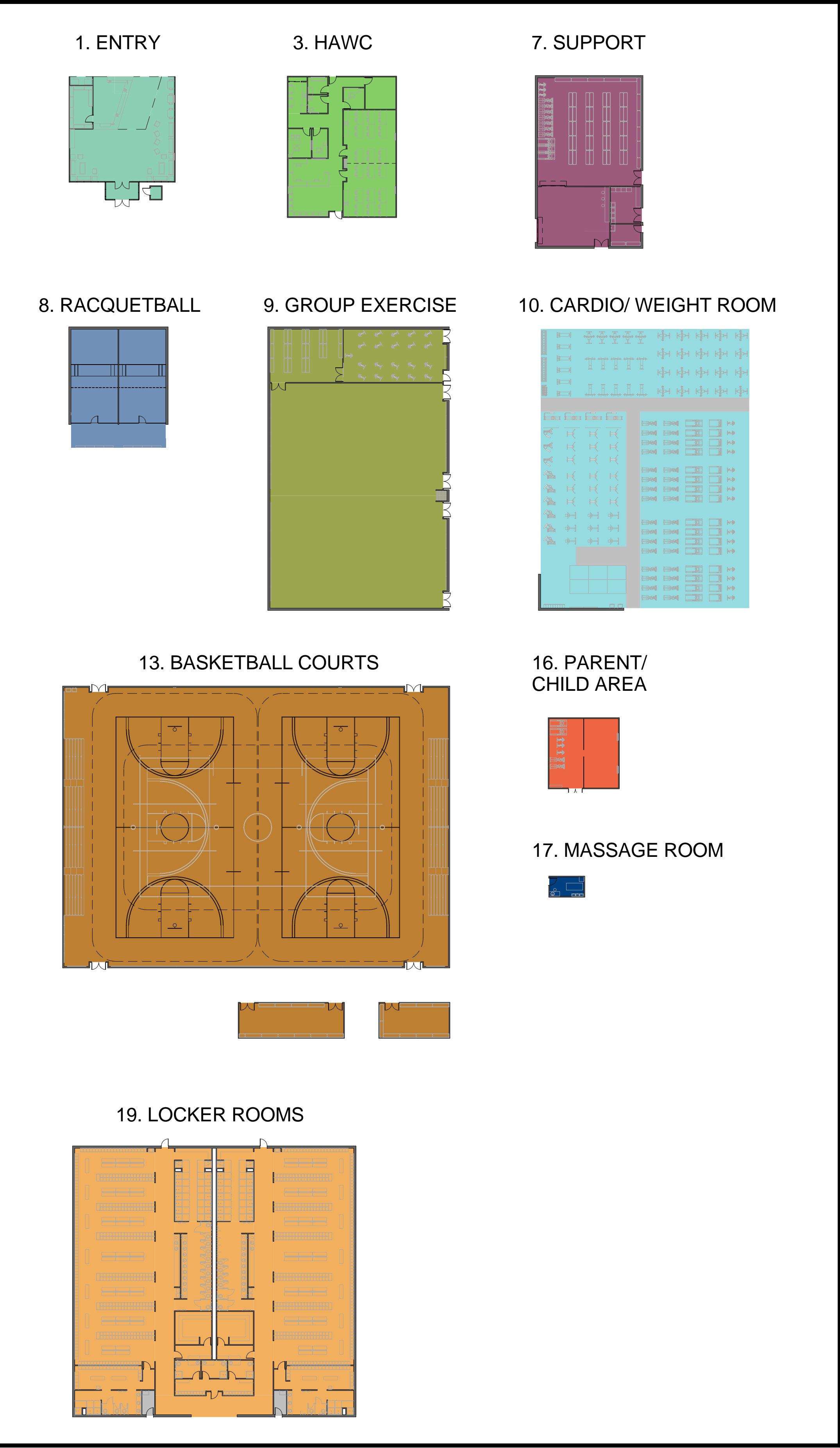
Drawn By: JN/MRB/OF

Checked By: JS

A-402

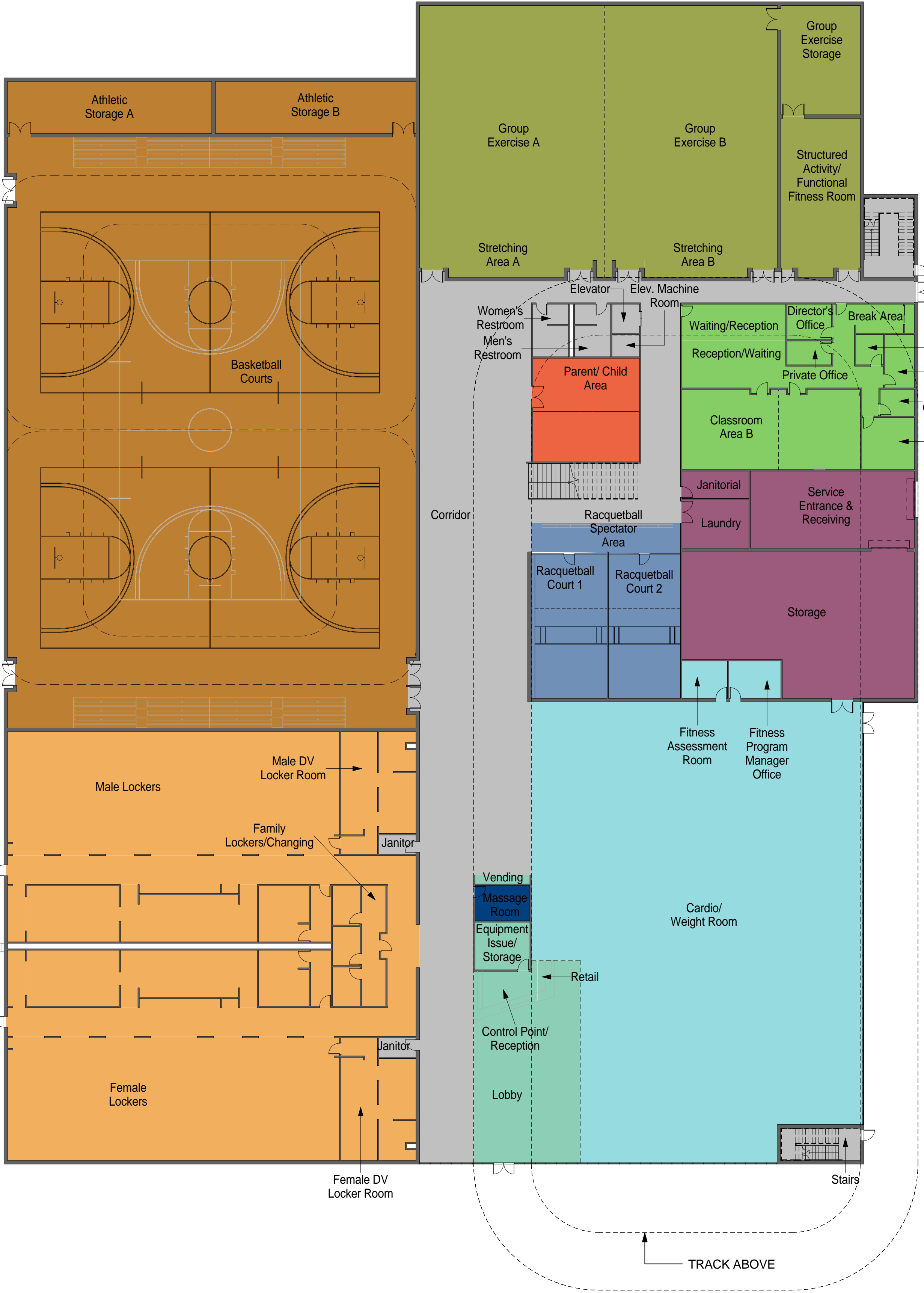
INDIVIDUAL MODULES

SCALE: 1/32" = 1'0"



BUILDING - FIRST FLOOR PLAN

SCALE: 1" = 20'



BUILDING NOTES

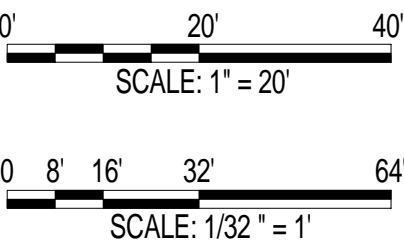
1. THIS BUILDING LAYOUT IS PROVIDED TO ILLUSTRATE ONE POSSIBLE WAY OF ARRANGING THE INDIVIDUAL MODULES. IT IS NOT INTENDED TO CONSTITUTE A FINAL DESIGN.

NOT FOR CONSTRUCTION

911 Central Parkway N., Suite 425 San Antonio, TX 78323
501 North Broadway, St. Louis, Missouri 63102-2121

AIR FORCE CENTER FOR ENGINEERING AND
THE ENVIRONMENT (AFCEE)
FACILITIES DYNAMIC PROTOTYPES DESIGN FOR:

FITNESS CENTER: LARGE SIZE
100% DESIGN



Jacobs Project No.: FDWD1323

Drawing Title:

BUILDING - FIRST FLOOR PLAN

Date: 21 NOVEMBER 2011

Designed By: JN/MRB/OF

Drawn By: JN/MRB/OF

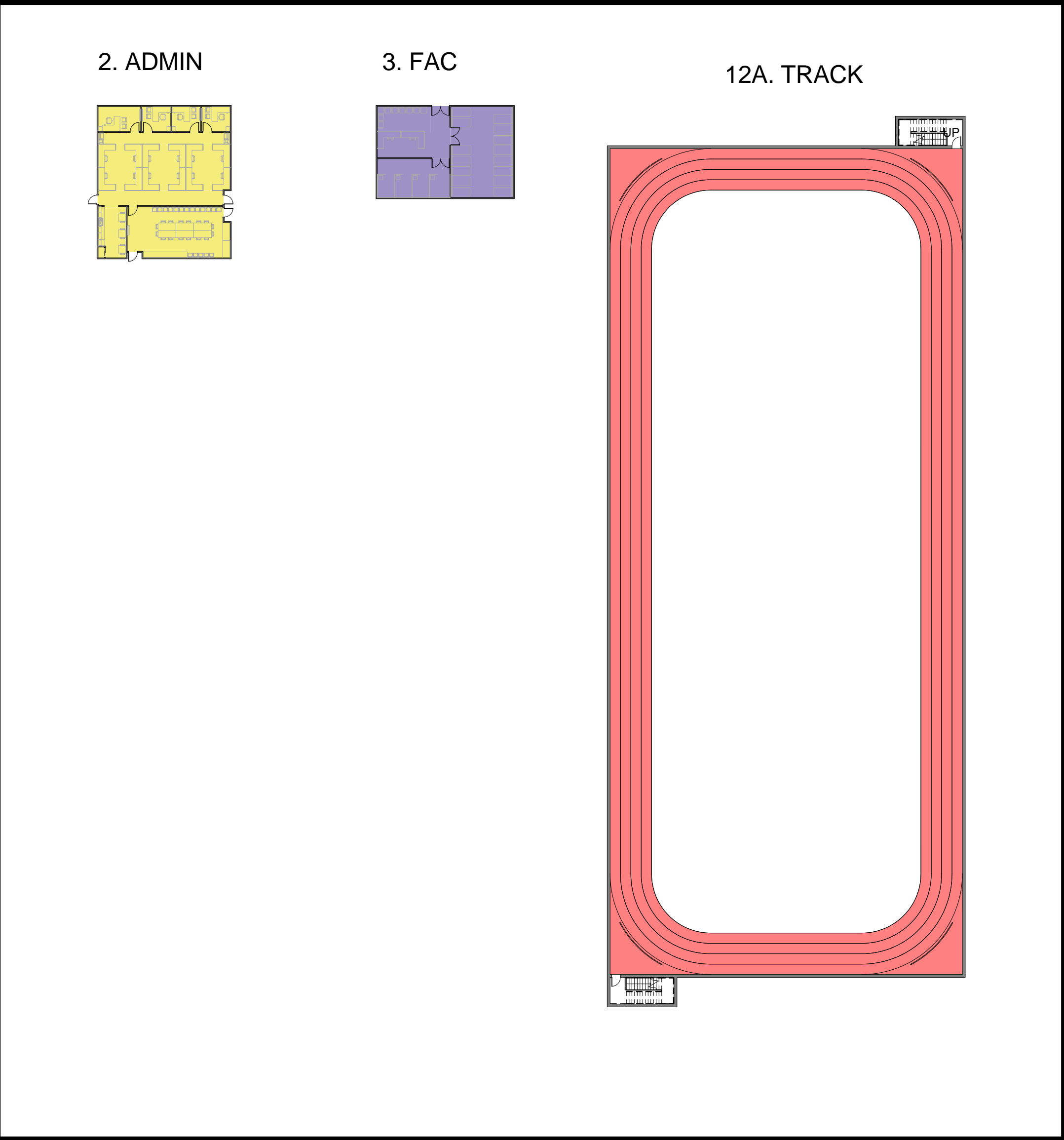
Checked By: JS

Drawing No.:

A-501

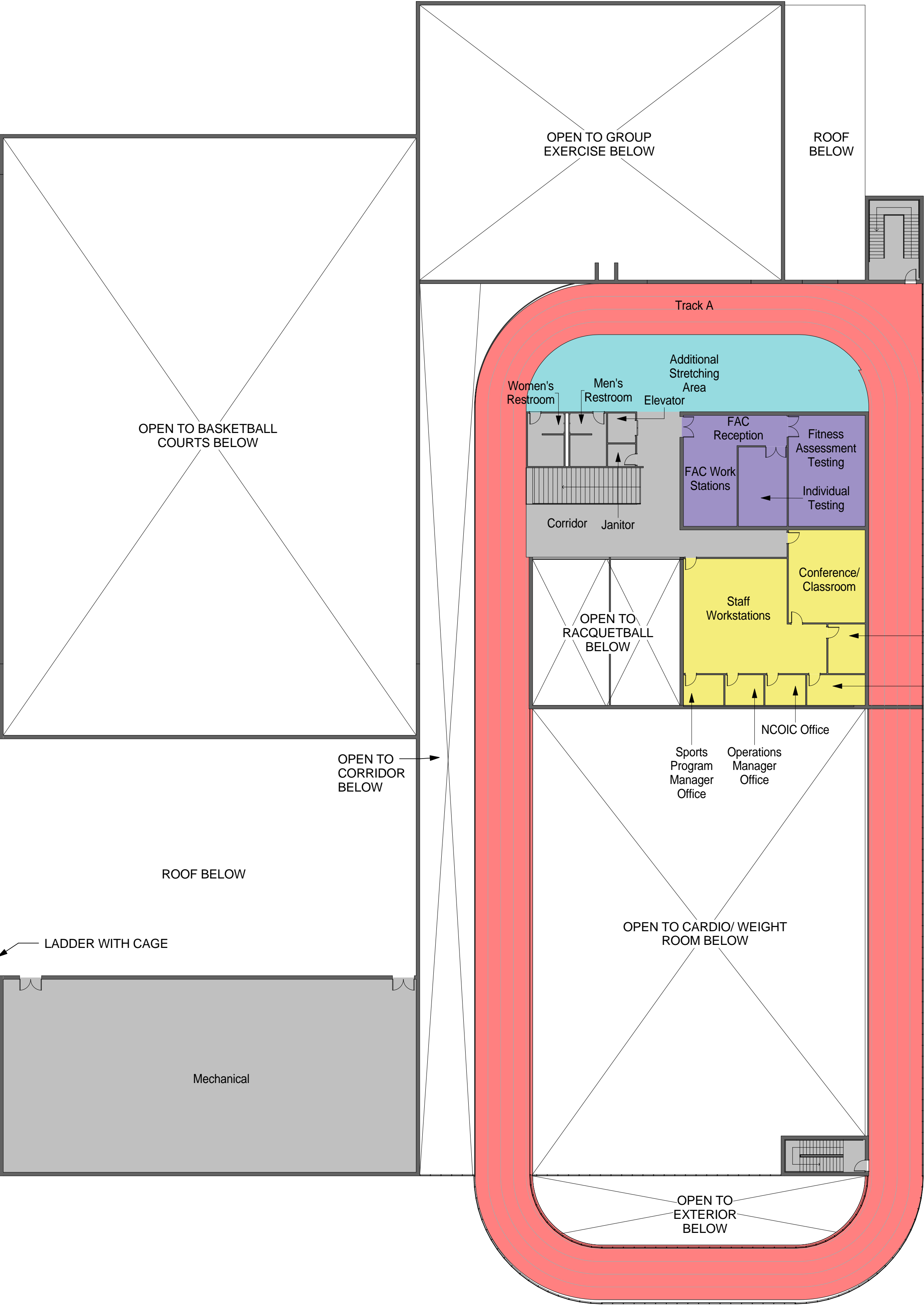
INDIVIDUAL MODULES

SCALE: 1/32" = 1'0"



BUILDING 1 - SECOND FLOOR PLAN

SCALE: 1" = 20'



BUILDING NOTES

1. THIS BUILDING LAYOUT IS PROVIDED TO ILLUSTRATE ONE POSSIBLE WAY OF ARRANGING THE INDIVIDUAL MODULES. IT IS NOT INTENDED TO CONSTITUTE A FINAL DESIGN.

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911 Central Parkway N., Suite 425 San Antonio, TX 78323
501 North Broadway, St. Louis, Missouri 63102-2121

AIR FORCE CENTER FOR ENGINEERING AND
THE ENVIRONMENT (AFCEE)
FACILITIES DYNAMIC PROTOTYPES DESIGN FOR:

FITNESS CENTER: LARGE SIZE

100% DESIGN

0' 20' 40'
SCALE: 1" = 20'

0 8' 16' 32' 64'
SCALE: 1/32" = 1'

Jacobs Project No.: FDWD1323

Drawing Title:

BUILDING - SECOND
FLOOR PLAN

Date: 21 NOVEMBER 2011

Designed By: JN/MRB/OF

Drawn By: JN/MRB/OF

Checked By: JS

Drawing No.:

A-502

1

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3

4

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SCALE(S) AS NOTED ON THIS SHEET ARE BASED ON A FULL 22X34 SHEET

BUILDING NOTES

1. THIS BUILDING LAYOUT IS PROVIDED TO ILLUSTRATE ONE POSSIBLE WAY OF ARRANGING THE INDIVIDUAL MODULES. IT IS NOT INTENDED TO CONSTITUTE A FINAL DESIGN.

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CONSTRUCTION**

911 Central Parkway N., Suite 425 San Antonio, TX 78323
501 North Broadway, St. Louis, Missouri 63102-2121

AIR FORCE CENTER FOR ENGINEERING AND
THE ENVIRONMENT (AFCEE)
FACILITIES DYNAMIC PROTOTYPES DESIGN FOR:

FITNESS CENTER: LARGE SIZE

100% DESIGN

Jacobs Project No.: FDWD1323

Drawing Title:

BUILDING - AXON.

Date: 21 NOVEMBER 2011

Designed By: JN/MRB/OF Drawing No.:

Drawn By: JN/MRB/OF

Checked By: JS

A-503

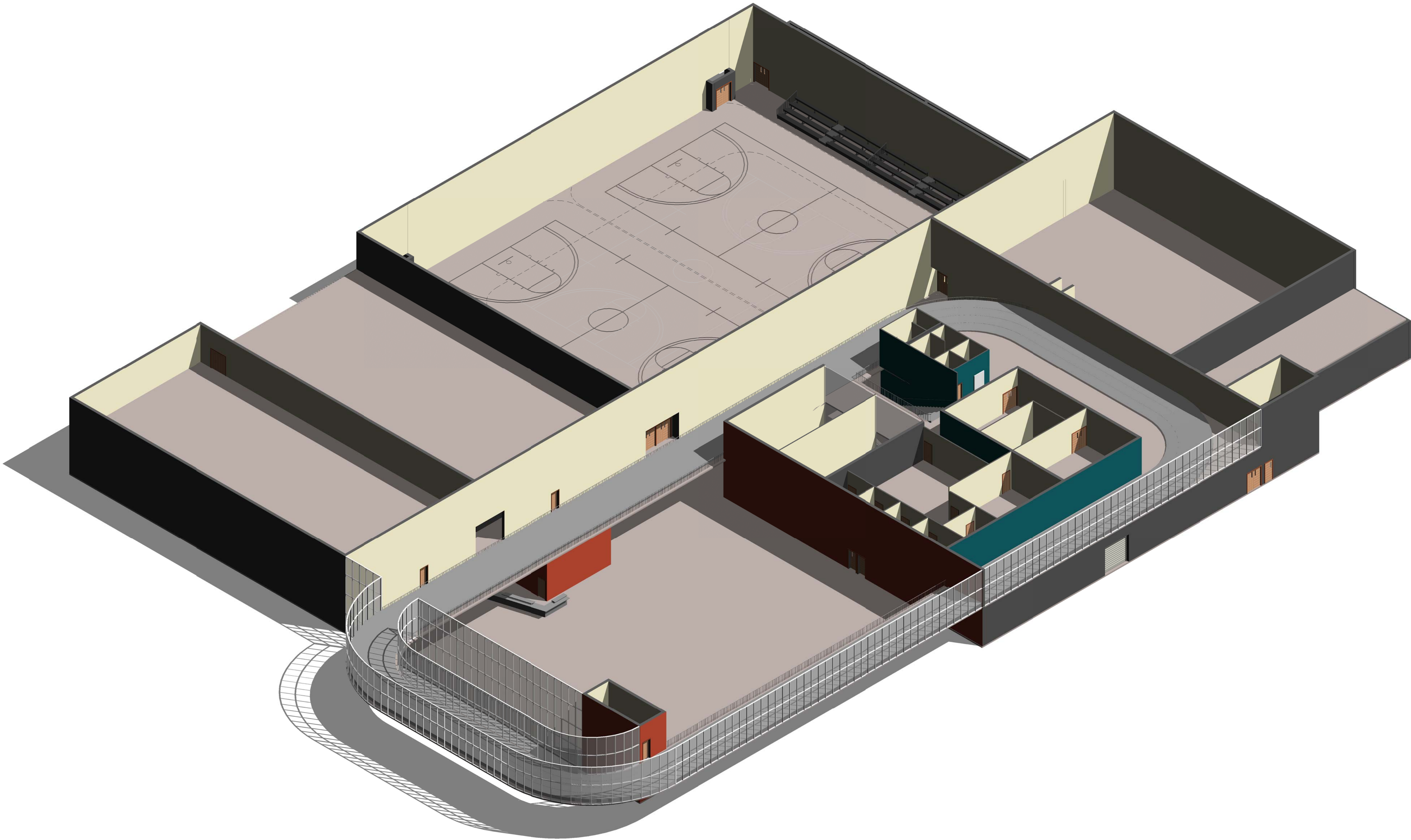
D

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① BUILDING - AXON.



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	2										
3	▼										
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5	▼										
	SCALE(S) AS NOTED ON THIS SHEET ARE BASED ON A FULL 22X34 SHEET										
Room Numb er	Room Name	ROOM SCHEDULE									
		Floor Finish	Base Finish	FINISHES WALLS				Ceiling Finish	Ceiling Height	Comments	Area
				North Wall	East Wall	South Wall	West Wall				
1.00	Entry Vestibule										108 SF
1.01	Lobby										1199 SF
1.02	Corridor										270 SF
1.03	Control Point/ Reception										259 SF
1.04	Retail										51 SF
1.05	Vending										35 SF
1.06	Equipment Issue/ Storage										173 SF
1.07	Optional Vestibule Storage										25 SF
1.08	Stairs										308 SF
2.00	Staff Workstations										705 SF
2.01	Conference/ Classroom										575 SF
2.02	Break Room										162 SF
2.03	Corridor										172 SF
2.04	Fitness and Sports Manager Office										120 SF
2.05	NCOIC Office										81 SF
2.06	Operations Manager Office										80 SF
2.07	Sports Program Manager Office										81 SF
2.08	Corridor										212 SF
3.00	Reception/Waiting/Library										290 SF
3.01	Support Staff Workstations										201 SF
3.02	Director's Office										121 SF
3.03	Private Office										81 SF
3.04	Break Area										124 SF
3.05	Restroom										64 SF
3.06	Janitor Closet/Storage										61 SF
3.07	Corridor										439 SF
3.08	Wellness Assessment Room										178 SF
3.09	Classroom Area A										498 SF
3.10	Classroom Area B										498 SF
3.11	Private Office										80 SF
4.00	Reception/ Workstations										162 SF
4.01	Individual Testing										321 SF
4.02	Fitness Assessment Testing										647 SF
4.03	Waiting Area										260 SF
4.04	Janitor Closet/Storage										70 SF
5.00	Male Restrooms										143 SF
5.01	Female Restrooms										143 SF
6.00	Stair A										194 SF
7.00	Service Entrance and Receiving										577 SF
7.01	Equipment and Repair										200 SF
7.02	Janitorial										120 SF
7.03	Laundry										200 SF
7.04	Storage										2030 SF
8.00	Racquetball Court 1										800 SF
8.01	Racquetball Court 2										800 SF
8.02	Racquetball Spectator Area										160 SF
9.00	Group Exercise B										3448 SF
9.01	Stretching Area B										145 SF
9.02	Group Exercise A										3449 SF
9.03	Stretching Area A										144 SF
9.04	Group Exercise Storage										700 SF
9.05	Structured Activity/ Functional Fitness Room										978 SF
10.00	Stretching										662 SF
10.01	Crossover Machine										56 SF
10.02	Chin/Dip										64 SF
10.03	Cardio Area										3901 SF
10.04	Selectorized Weights										2100 SF
10.05	Free Weights										2600 SF
10.06	Fitness Program Manager's Office										150 SF
10.07	Fitness Assessment room										125 SF
11.00	Corridor										434 SF
11.01	Female Corridor										784 SF
11.02	Women's Lockers										3278 SF
11.03	Women's Drying or Cooling Room										93 SF
11.05	Women's Shower										439 SF
11.06	Women's Restroom										519 SF
11.07	Men's Restroom										520 SF
11.09	Men's Shower										439 SF
11.10	Men's Drying or Cooling Room										93 SF
11.11	Male Corridor										783 SF
11.12	Men's Lockers										3278 SF
11.13	Womens' Sauna or Steam Room										216 SF
11.14	Men's Sauna or Steam Room										216 SF
12.00	Track A										10703 SF
12.10	Track B										10703 SF
13.00	Basketball Courts										19446 SF
13.01	Basketball Storage A										651 SF
13.02	Basketball Storage B										432 SF

Room Numb er	Room Name	ROOM SCHEDULE									
		Floor Finish	Base Finish	FINISHES WALLS				Ceiling Finish	Ceiling Height	Comments	Area
				North Wall	East Wall	South Wall	West Wall				
13.10	Basketball Courts										20971 SF
13.11	Athletic Storage A										492 SF
13.12	Athletic Storage B										492 SF
14.00	Juice Bar Seating										291 SF
14.01	Juice Bar										150 SF
15.00	Expanded Retail Area										100 SF
16.00	Parent/ Child Area										876 SF
17.00	Massage Room										120 SF
18.00	Additional Stretching Area										666 SF
19.00	Female Corridor										435 SF
19.01	Family Lockers/Changing										478 SF
19.02	Janitor										55 SF
19.03	Women's DV Locker Room										620 SF
19.04	Women's Lockers										3164 SF
19.05	Female Corridor										926 SF
19.06	Women's Shower										469 SF
19.07	Female Restroom										518 SF
19.08	Women's Drying Area										93 SF
19.09	Women's Sauna/Steam										216 SF
19.10	Men's Sauna/Steam										216 SF
19.11	Men's Drying Area										93 SF
19.12	Men's Restroom										518 SF
19.13	Men's Shower										469 SF
19.14	Male Corridor										926 SF
19.15	Men's Lockers										3164 SF
19.16	Men's DV Locker Room										620 SF
19.17	Janitor										55 SF
20.01	Mechanical										4366 SF
20.02	Electrical										200 SF
20.03	Communications										200 SF
116.0 2	Waiting/Reception										289 SF
116.0 3	Classroom Area B										1086 SF
116.0 4	Wellness Assessment Room										211 SF
116.0 5	Reception/Waiting										289 SF
116.0 6	Private Office										81 SF
116.0 8	Director's Office										121 SF
116.0 9	Private Office										121 SF
116.1 0	Restroom										64 SF
116.1 2	Break Area										540 SF
116.1 3	Stairs										309 SF
116.1 4	Service Entrance & Receiving										848 SF
116.1 5	Service Entrance & Receiving										124 SF
116.1 6	Group Exercise A										3671 SF
116.2 7	Staff Workstations										1043 SF
116.2 8	Conference/ Classroom										536 SF
116.2 9	Break Room										137 SF
116.3 0	Fitness and Sports Manager Office										133 SF
116.3 1	NCOIC Office										93 SF
116.3 2	Operations Manager Office										88 SF
116.3 3	Sports Program Manager Office										92 SF
116.3 4	Massage Room										149 SF



NOT FOR
CONSTRUCTION

911 Central Parkway N., Suite 425 San Antonio, TX 78323
501 North Broadway, St. Louis, Missouri 63102-2121

AIR FORCE CENTER FOR ENGINEERING AND
THE ENVIRONMENT (AFCEE)
FACILITIES DYNAMIC PROTOTYPES DESIGN FOR:

FITNESS CENTER: LARGE SIZE
100% DESIGN

Jacobs Project No.: FDWD1323

Drawing Title:

ROOM SCHEDULE

Date: 21 NOVEMBER 2011

Designed By: JN/MRB/OF

Drawn By: JN/MRB/OF

Checked By: JS

Drawing No.:

A-601

1

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3

4

5

SCALE(S) AS NOTED ON THIS SHEET ARE BASED ON A FULL 22X34 SHEET

DOOR SCHEDULE

Door Number	Door					Glazing	Fire Rating	Hardware	Frame					Comments	
	Width	Height	Thickness	Material	Finish				Type	Material	Finish	Jamb	Head		
1.00A	6'-0"	7'-0"													
1.00B	6'-0"	7'-0"													
1.06A	3'-0"	7'-0"	0'-1 1/2"												
1.07A	3'-0"	7'-0"	0'-1 1/2"												
2.01A	3'-0"	7'-0"	0'-1 1/2"												
2.01B	3'-0"	7'-0"	0'-1 1/2"												
2.01C	3'-0"	7'-0"	0'-1 1/2"												
2.04A	3'-0"	7'-0"	0'-1 1/2"												
2.05A	3'-0"	7'-0"	0'-1 1/2"												
2.06A	3'-0"	7'-0"	0'-1 1/2"												
2.07A	3'-0"	7'-0"	0'-1 1/2"												
2.08A	3'-0"	7'-0"	0'-1 1/2"												
2.08B	3'-0"	7'-0"	0'-1 1/2"												
3.01A	3'-0"	7'-0"	0'-1 1/2"												
3.01B	3'-0"	7'-0"	0'-1 1/2"												
3.02A	3'-0"	7'-0"	0'-1 1/2"												
3.03A	3'-0"	7'-0"	0'-1 1/2"												
3.05A	3'-0"	7'-0"	0'-1 1/2"												
3.06A	3'-0"	7'-0"	0'-1 1/2"												
3.08A	3'-0"	7'-0"	0'-1 1/2"												
3.09A	3'-0"	7'-0"	0'-1 1/2"												
3.10A	3'-0"	7'-0"	0'-1 1/2"												
3.11A	3'-0"	7'-0"	0'-1 1/2"												
3.11B	3'-0"	7'-0"	0'-1 1/2"												
4.00A	6'-0"	7'-0"	0'-2"												
4.01A	6'-0"	7'-0"	0'-2"												
4.02A	6'-0"	7'-0"	0'-2"												
5.00A	3'-0"	7'-0"	0'-1 1/2"												
5.01A	3'-0"	7'-0"	0'-1 1/2"												
6.00A	3'-0"	7'-0"	0'-2"												
7.00A	10'-0"	10'-0"	0'-2"												
7.02A	3'-0"	7'-0"	0'-1 1/2"												
7.03A	6'-0"	7'-0"	0'-2"												
7.04A	6'-0"	7'-0"	0'-2"												
7.04B	10'-0"	10'-0"	0'-2"												
8.00A	3'-0"	7'-0"	0'-2"												
8.01A	3'-0"	7'-0"	0'-2"												
9.00A	6'-0"	7'-0"	0'-2"												
9.00B	6'-0"	7'-0"	0'-2"												
9.02A	6'-0"	7'-0"	0'-2"												
9.02B	6'-0"	7'-0"	0'-2"												
9.04A	6'-0"	7'-0"	0'-2"												
9.04B	6'-0"	7'-0"	0'-2"												
9.04C	6'-0"	7'-0"	0'-2"												
9.05A	5'-8"	7'-0"	0'-2"												
9.05B	3'-0"	7'-0"	0'-2"												
10.06A	3'-0"	7'-0"	0'-1 1/2"												
10.07A	3'-0"	7'-0"	0'-1 1/2"												
11.01A	3'-0"	7'-0"	0'-1 1/2"												
11.03A	3'-0"	7'-0"	0'-1 1/2"												
11.10A	3'-0"	7'-0"	0'-1 1/2"												
11.11A	3'-0"	7'-0"	0'-1 1/2"												
11.13A	3'-0"	7'-0"	0'-1 1/2"												
11.14A	3'-0"	7'-0"	0'-1 1/2"												
12.00A	3'-0"	7'-0"	0'-2"												
12.00B	3'-0"	7'-0"	0'-2"												
12.10A	3'-0"	7'-0"	0'-2"												
12.10B	3'-0"	7'-0"	0'-2"												
13.00A	6'-0"	7'-0"	0'-2"												
13.00B	6'-0"	7'-0"	0'-2"												
13.00C	6'-0"	7'-0"	0'-2"												
13.00D	6'-0"	7'-0"	0'-2"												
13.01A	6'-0"	7'-0"	0'-2"												
13.01B	6'-0"	7'-0"	0'-2"												
13.02A	6'-0"	7'-0"	0'-2"												
13.10A	6'-0"	7'-0"	0'-2"												
13.10B	6'-0"	7'-0"	0'-2"												
13.10C	6'-0"	7'-0"	0'-2"												
13.10D	6'-0"	7'-0"	0'-2"												
13.10E	6'-0"	7'-0"	0'-2"												
13.10F	6'-0"	7'-0"	0'-2"												
13.11A	6'-0"	7'-0"	0'-2"												
13.12A	6'-0"	7'-0"	0'-2"												
16.00A	6'-0"	7'-0"	0'-2"												
16.00B	3'-0"	3'-0"	0'-2"												
17.00A	3'-0"	7'-0"	0'-1 1/2"												
19.01A	3'-0"	7'-0"	0'-1 1/2"												
19.01B	3'-0"	7'-0"	0'-1 1/2"												
19.01C	3'-0"	7'-0"	0'-1 1/2"												
19.01D	3'-0"	7'-0"	0'-1 1/2"												
19.02A	3'-0"	7'-0"	0'-1 1/2"												
19.04A	3'-0"	7'-0"	0'-1 1/2"												
19.05A	3'-0"	7'-0"	0'-1 1/2"												
19.08A	3'-0"	7'-0"	0'-1 1/2"												
19.09A	3'-0"	7'-0"	0'-1 1/2"												
19.10A	3'-0"	7'-0"	0'-1 1/2"												
19.11A	3'-0"	7'-0"	0'-1 1/2"												
19.14A	3'-0"	7'-0"	0'-1 1/2"												
19.15A	3'-0"	7'-0"	0'-1 1/2"												
19.17A	3'-0"	7'-0"	0'-1 1/2"												
20.01A	6'-0"	7'-0"	0'-2"												
20.01B	6'-0"	7'-0"	0'-2"												
20.02A	6'-0"	7'-0"	0'-2"												
20.03A	6'-0"	7'-0"	0'-2"												

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AIR FORCE CENTER FOR ENGINEERING AND THE ENVIRONMENT (AFCEE)
FACILITIES DYNAMIC PROTOTYPES DESIGN FOR:

FITNESS CENTER: LARGE SIZE
100% DESIGN

Jacobs Project No.: FDWD1323

Drawing Title:
DOOR SCHEDULE

Date: 21 NOVEMBER 2011

Designed By: JN/MRB/OF | Drawing No.:
Drawn By: JN/MRB/OF
Checked By: JS

A-602

D

C

B

A

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SCALE(S) AS NOTED ON THIS SHEET ARE BASED ON A FULL 22X34 SHEET

WINDOW SCHEDULE														
Type Mark	R.O.		Type	Manufacturer	Model	Material	Finish	Head	Jamb	Sill	Glazing		Head Height	Comments
	Width	Height									Thickness	Type		



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FACILITIES DYNAMIC PROTOTYPES DESIGN FOR:

FITNESS CENTER: LARGE SIZE

100% DESIGN

Jacobs Project No.: FDWD1323

Drawing Title:

WINDOW SCHEDULE

Date: 21 NOVEMBER 2011

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Drawing No.:

Drawn By: JN/MRB/OF

Checked By: JS

A-603