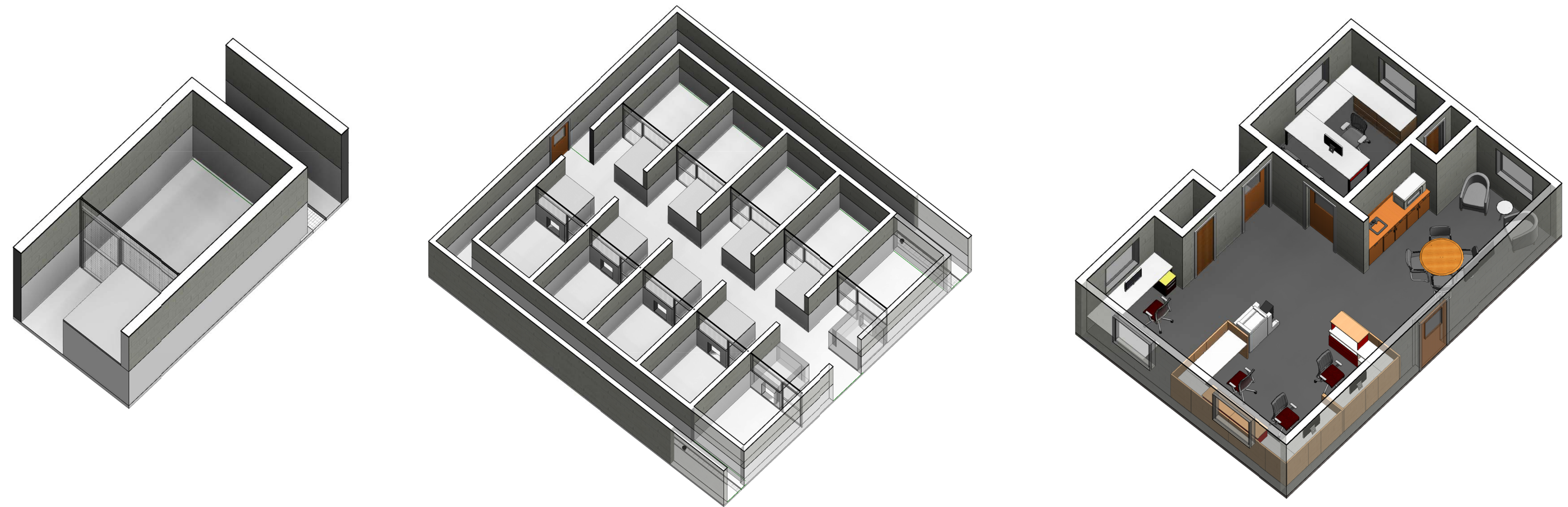


FACILITIES DYNAMIC PROTOTYPES MILITARY WORKING DOG KENNEL BIM DESIGN

March 28, 2013



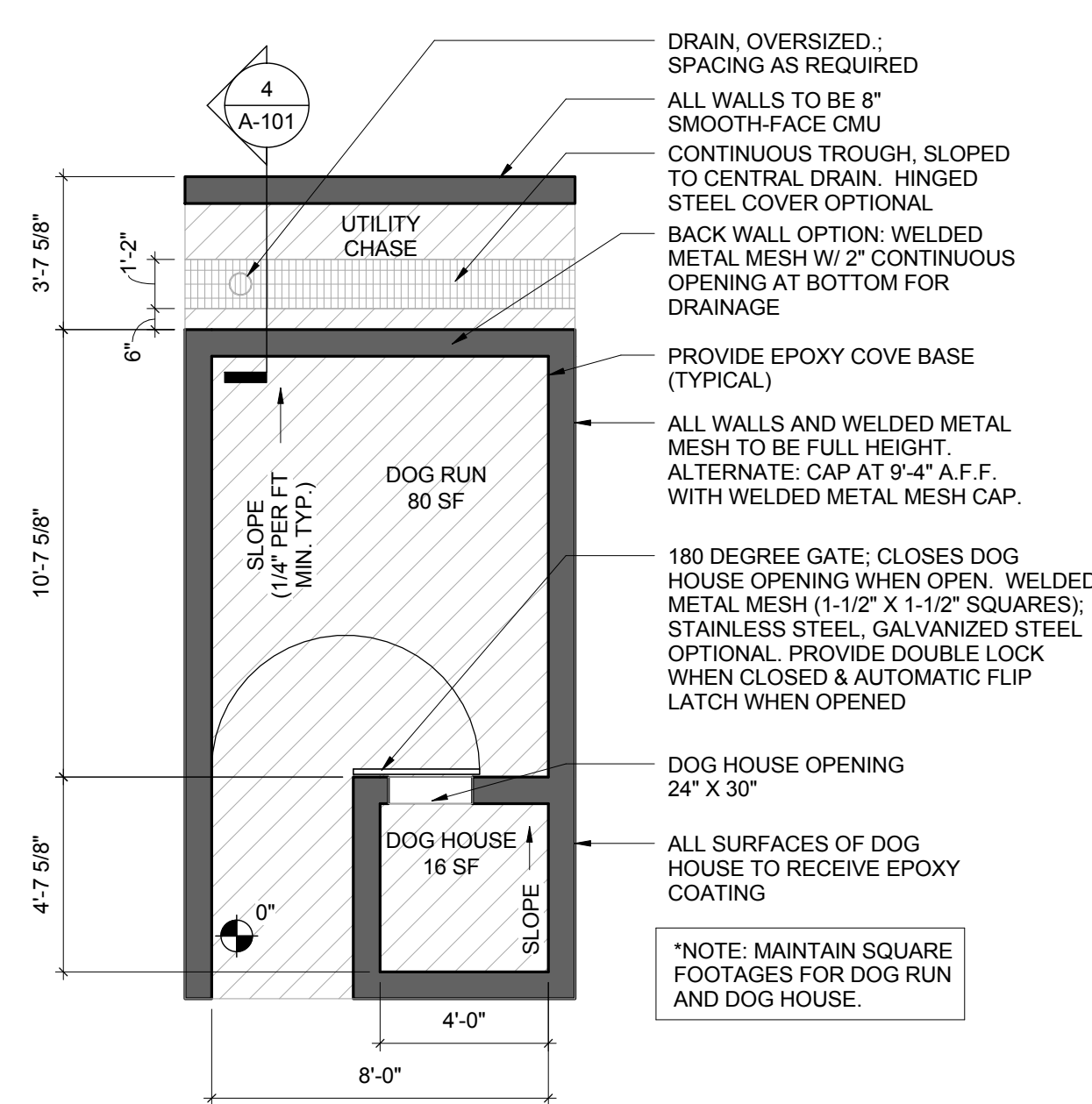
SHEET LIST

SHEET NO.	SHEET NAME
A-101	1A. INDOOR DOG RUN 1B. SINGLE LOADED INDOOR KENNEL 1C. DOUBLE LOADED INDOOR KENNEL
A-102	2A. INDOOR/OUTDOOR DOG RUN 2B. SINGLE LOADED INDOOR/OUTDOOR KENNEL 2C. DOUBLE LOADED INDOOR/OUTDOOR KENNEL
A-103	3. ADMINISTRATIVE 4. EXAM ROOM 5. FOOD PREP/ DAILY STORAGE
A-104	6. TACK ROOM 7. FOOD STORAGE 8. RESTROOMS/ LOCKER ROOMS 9. MECHANICAL ROOM 10. OPTIONAL EXTERIOR STORAGE
A-105	11. EXTERIOR OBEDIENCE COURSE 12. OUTDOOR EXERCISE AREA 13. OUTDOOR MWD BREAK AREA 14. OPTIONAL BLEACHERS 15. OPTIONAL PORTABLE EXPLOSIVES STORAGE
A-106	16. OPTIONAL ISOLATION DOG KENNEL 17A - 17Q. OBEDIENCE COURSE OBSTACLES
A-201	BUILDING A - SINGLE-LOADED INDOOR KENNEL SEPARATE BUILDINGS
A-202	BUILDING B - DOUBLE-LOADED INDOOR/OUTDOOR KENNEL SINGLE BUILDING
A-203	BUILDING B.1 - DOUBLE-LOADED INDOOR/OUTDOOR KENNEL WITH OPTIONAL ISOLATION DOG KENNEL
A-301	RENDERINGS

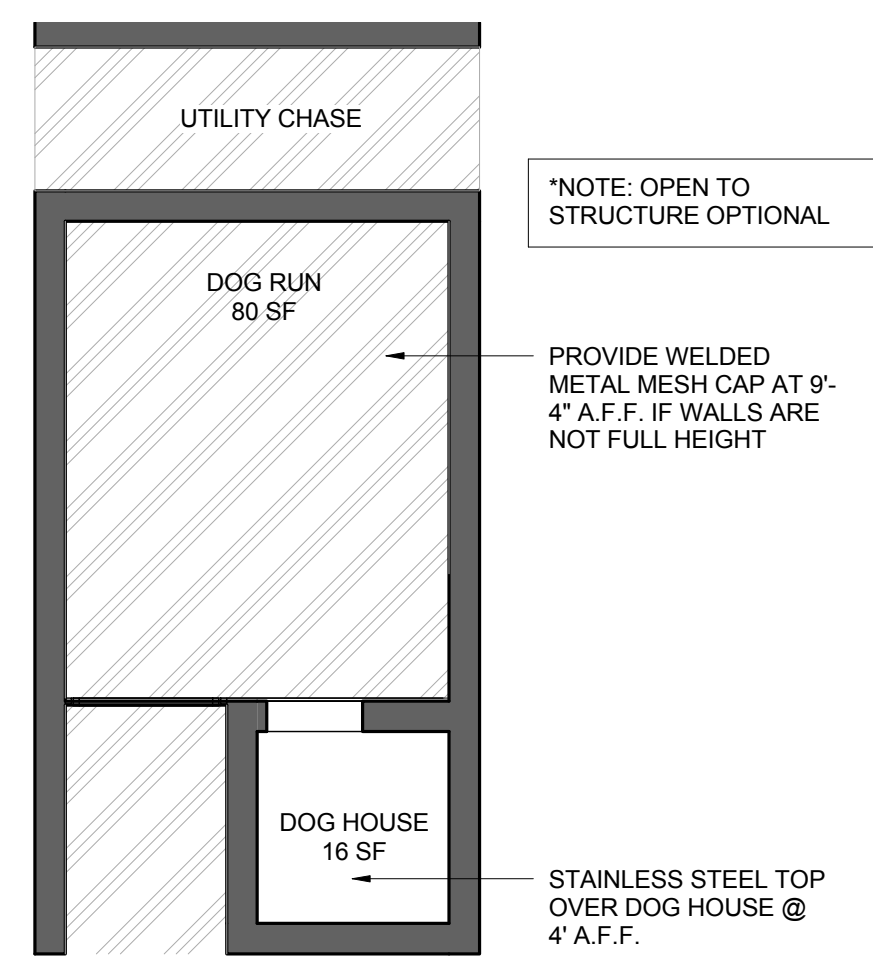


911 Central Parkway North, Suite 425
San Antonio, Texas 78232
210.494.0088 / www.jacobs.com
Texas Registered Engineering Firm F-2966

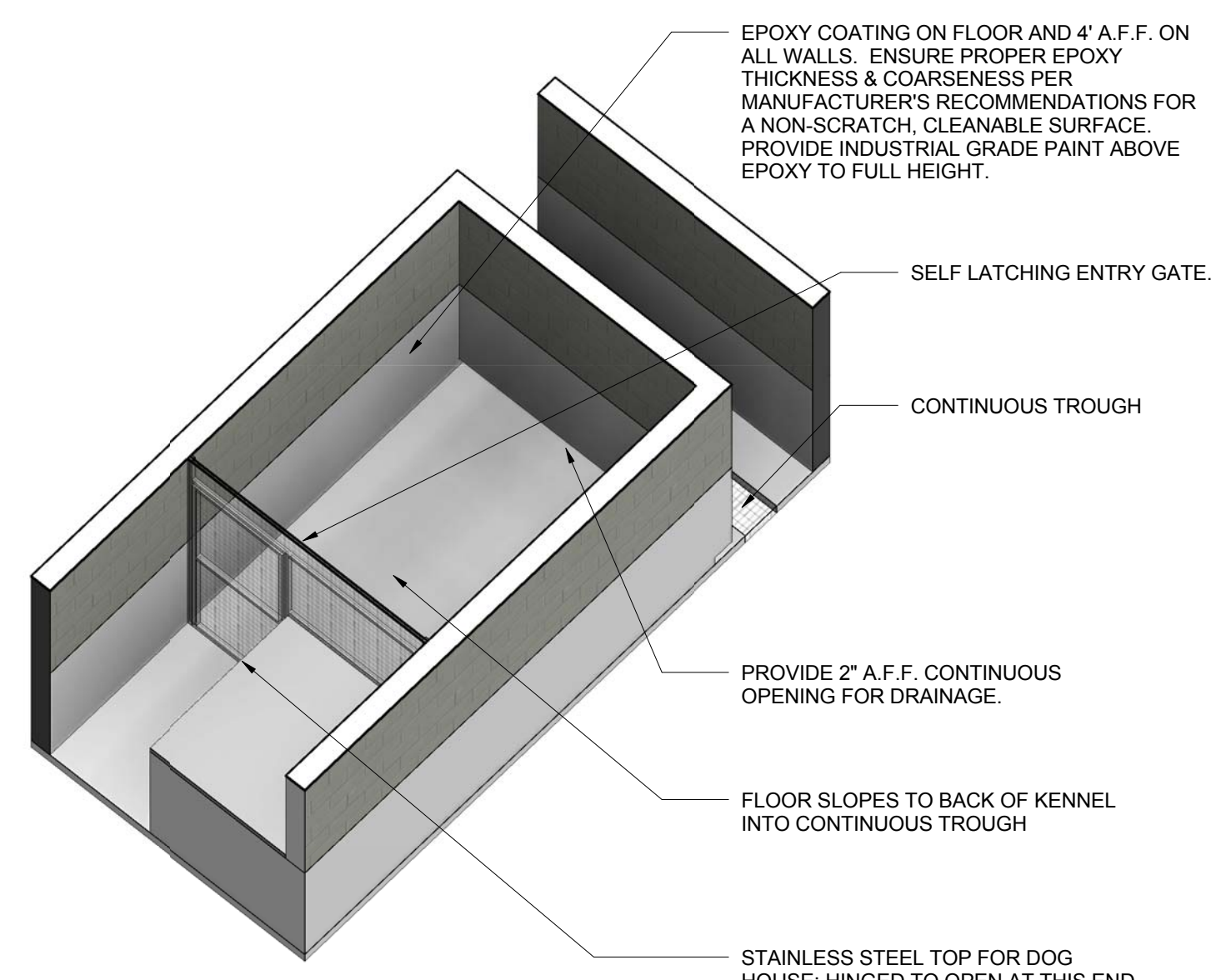
SCALE(S) AS NOTED ON THIS SHEET ARE BASED ON A FULL 36"x24" SIZE SHEET



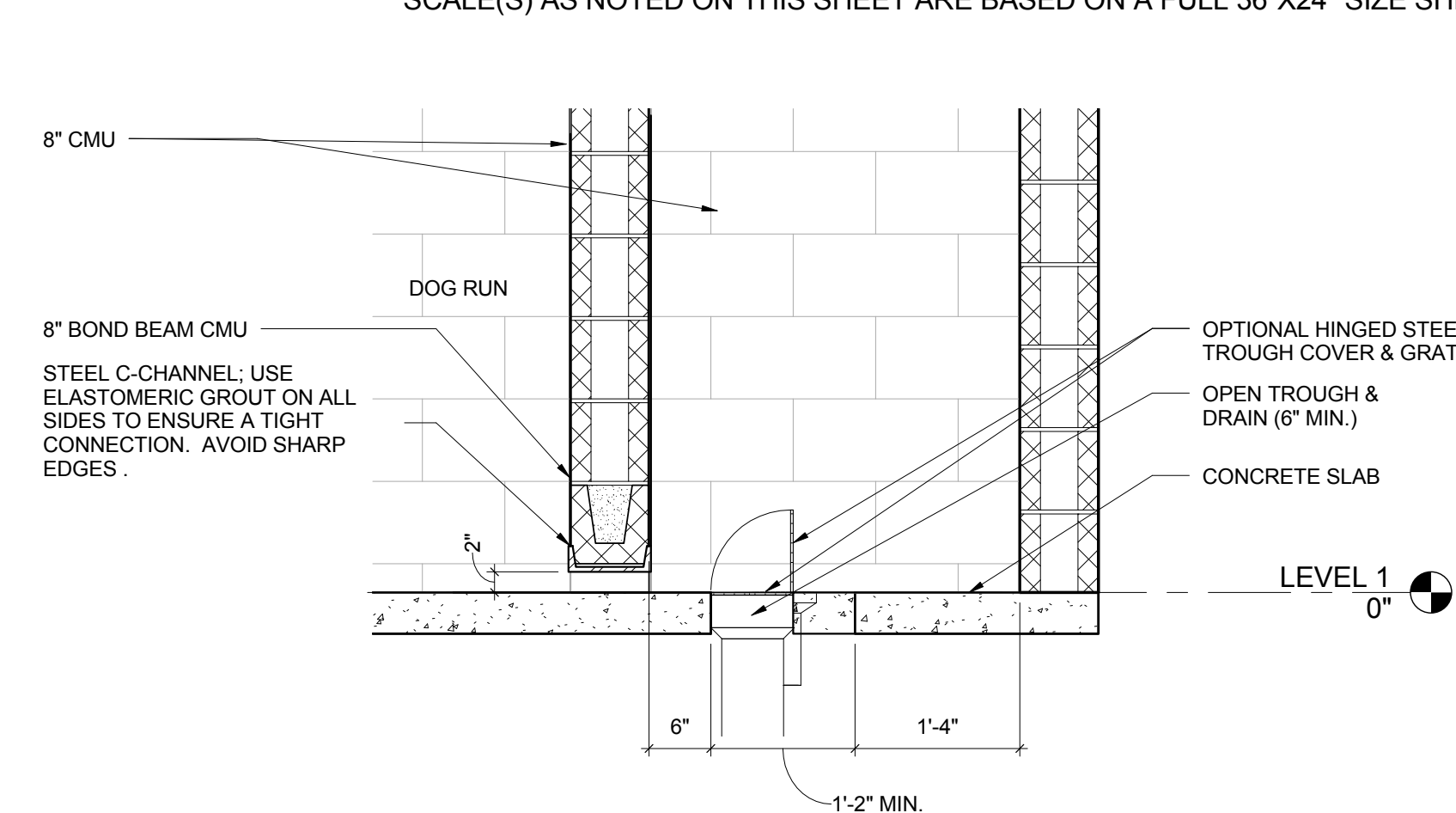
1 1A. INDOOR DOG RUN - FLOOR PLAN
SCALE: 1/4" = 1'-0"



2 1A. INDOOR DOG RUN - REFLECTED CEILING PLAN
SCALE: 1/4" = 1'-0"



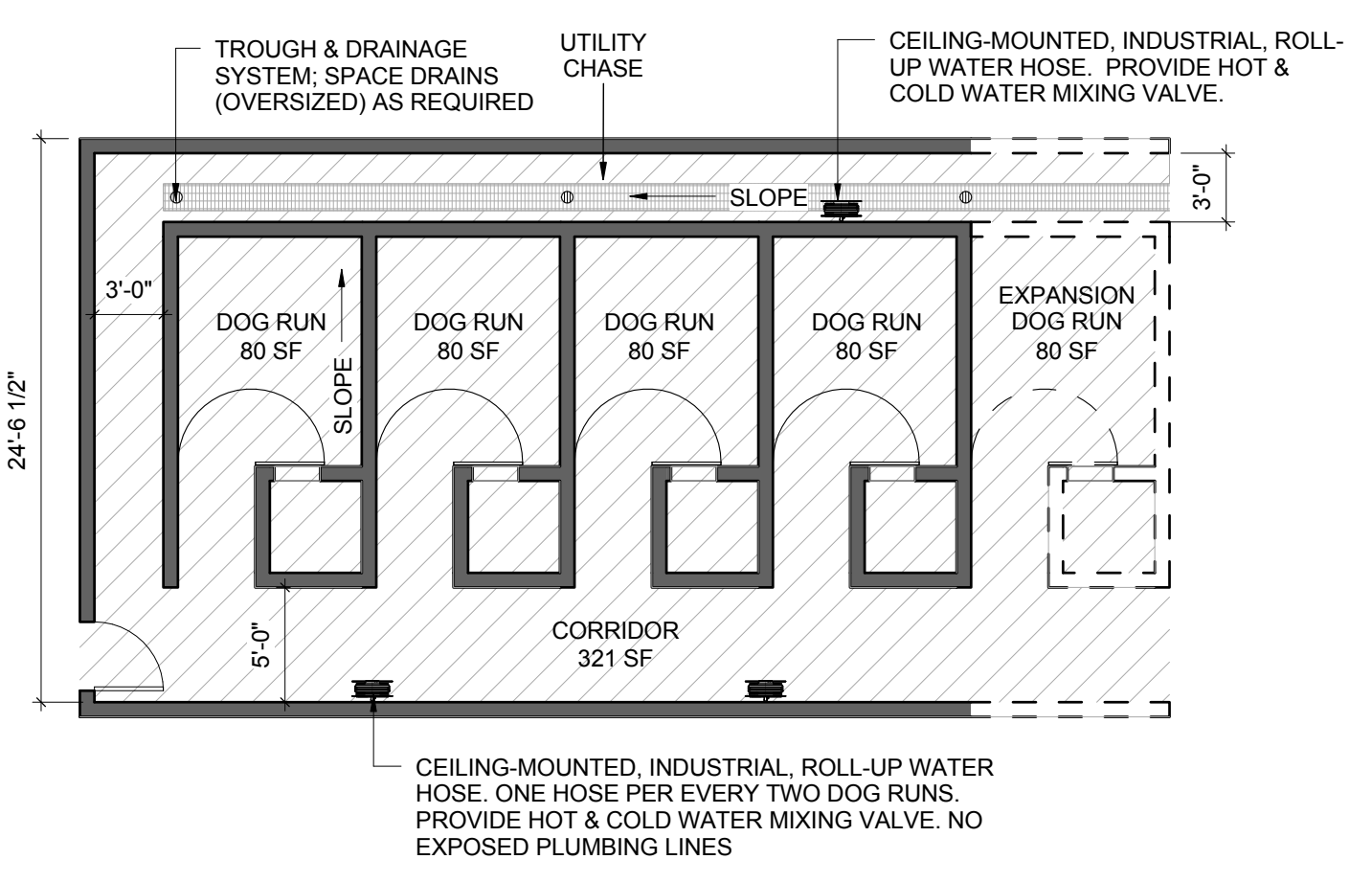
3 1A. INDOOR DOG RUN - 3D VIEW
NOT TO SCALE



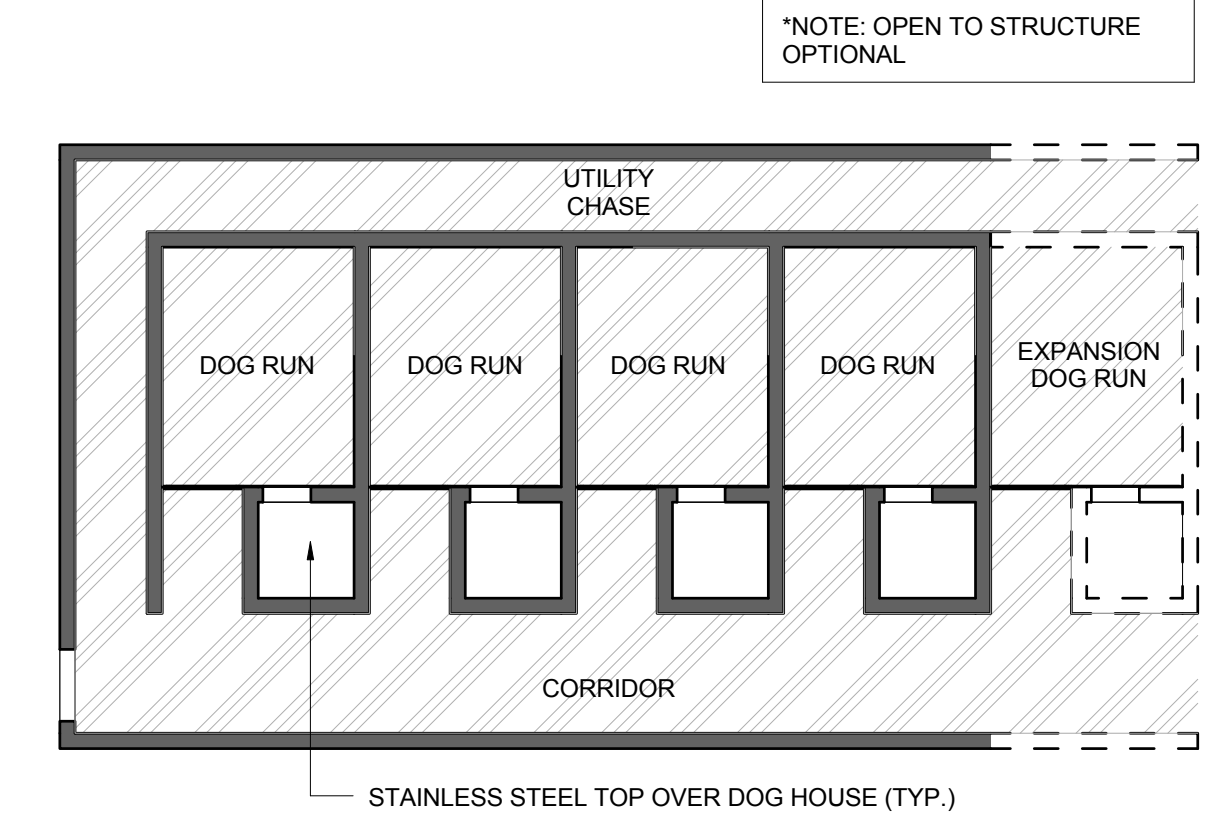
4 WALL SECTION
SCALE: 3/4" = 1'-0"

- GENERAL NOTES**
- EVERY WALL IS GENERIC UNLESS SPECIFICALLY NOTED.
 - EVERY WALL IS A PLACE HOLDER.
 - AS THE MODULES ARE COMBINED TO CREATE A FACILITY, USE DISCRETION AS TO WHICH WALLS NEED TO BE MOVED, ADDED OR REMOVED.
 - IF NO WALL IS PRESENT, THE DESIGN INTENT IS TO LEAVE THAT SPACE OPEN TO ADJACENT SPACES WITHIN THE FACILITY.
 - ALL FURNITURE ITEMS ARE PLACE HOLDERS UNLESS SPECIFICALLY NOTED.
 - LIGHT FIXTURES ARE PLACE HOLDERS. SMOKE DETECTORS AND HVAC DIFFUSERS WILL VARY ON FINAL BUILDING DESIGN.
 - NOTES FOR INDIVIDUAL MODULES SHOULD BE APPLIED TO THE COMBINED MODULES AND FACILITY DESIGNS.

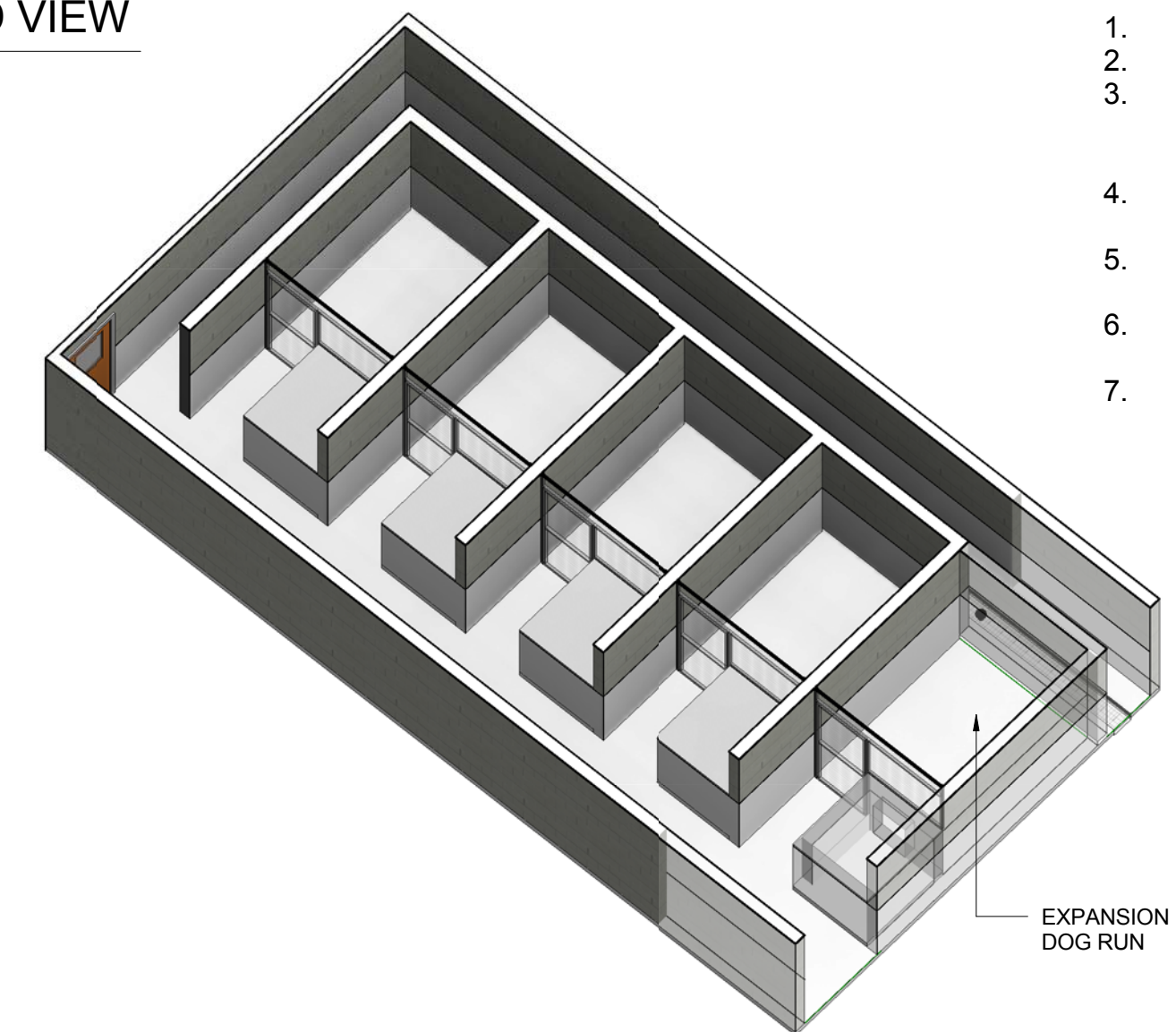
- FLOOR FINISH LEGEND**
- CONCRETE WITH EPOXY COATING
- CEILING LEGEND**
- ACOUSTICAL CEILING PANELS OR BAFFLES; REFERENCE APPENDIX OF MWD KENNEL BIM MANUAL FOR SPECIFICATION



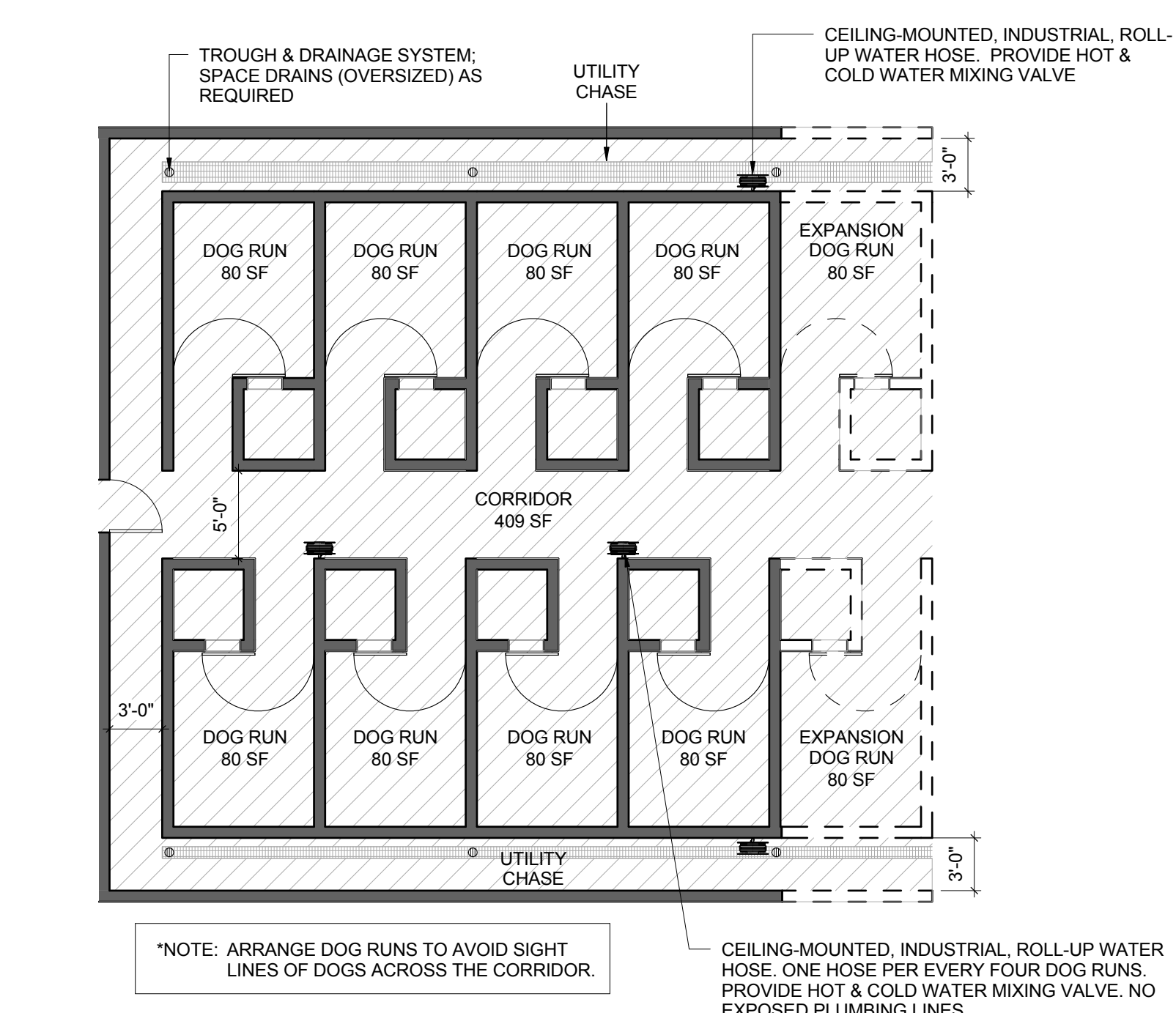
5 1B. SINGLE LOADED INDOOR KENNEL - FLOOR PLAN
SCALE: 1/8" = 1'-0"



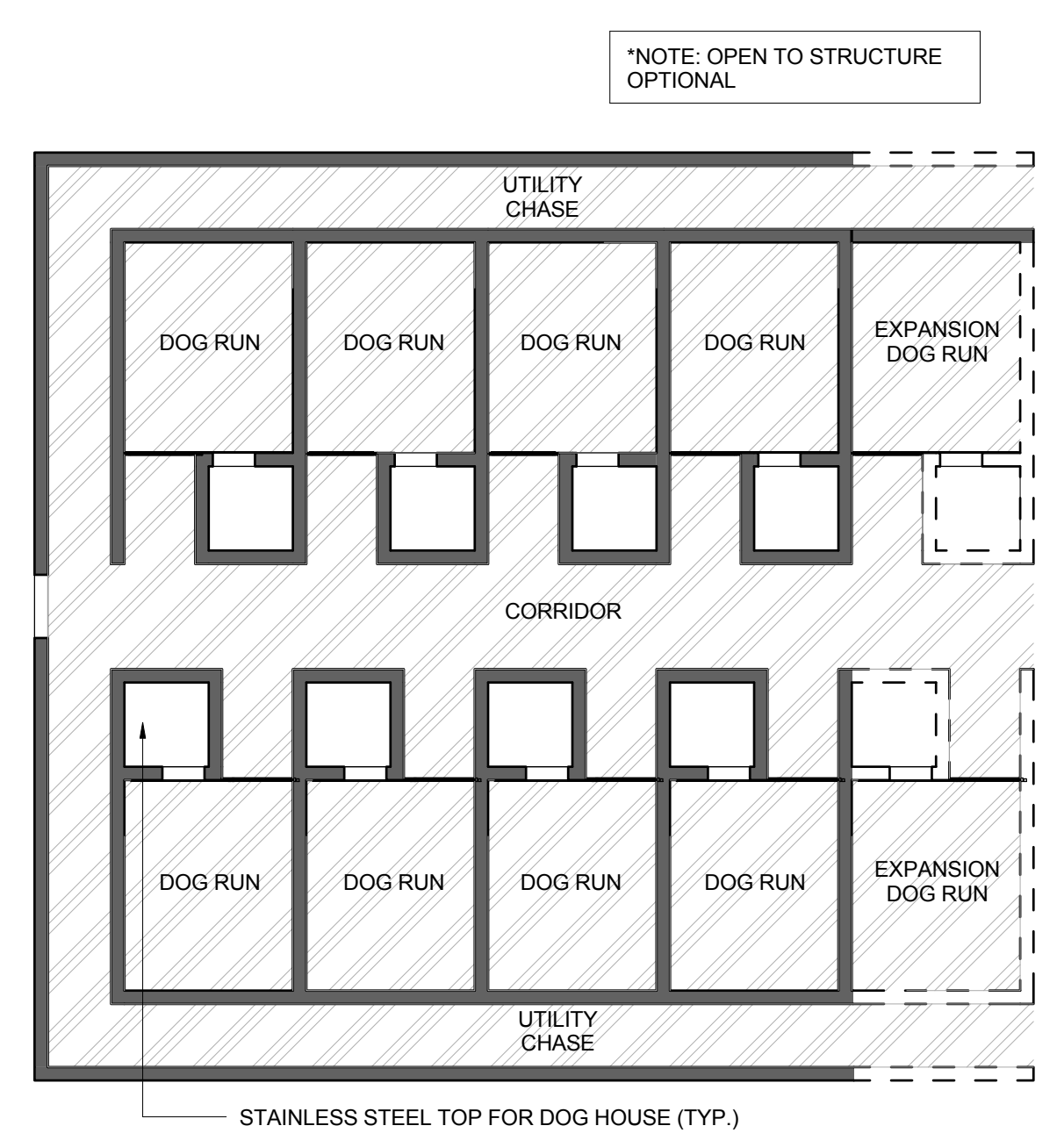
6 1B. SINGLE LOADED INDOOR KENNEL - REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"



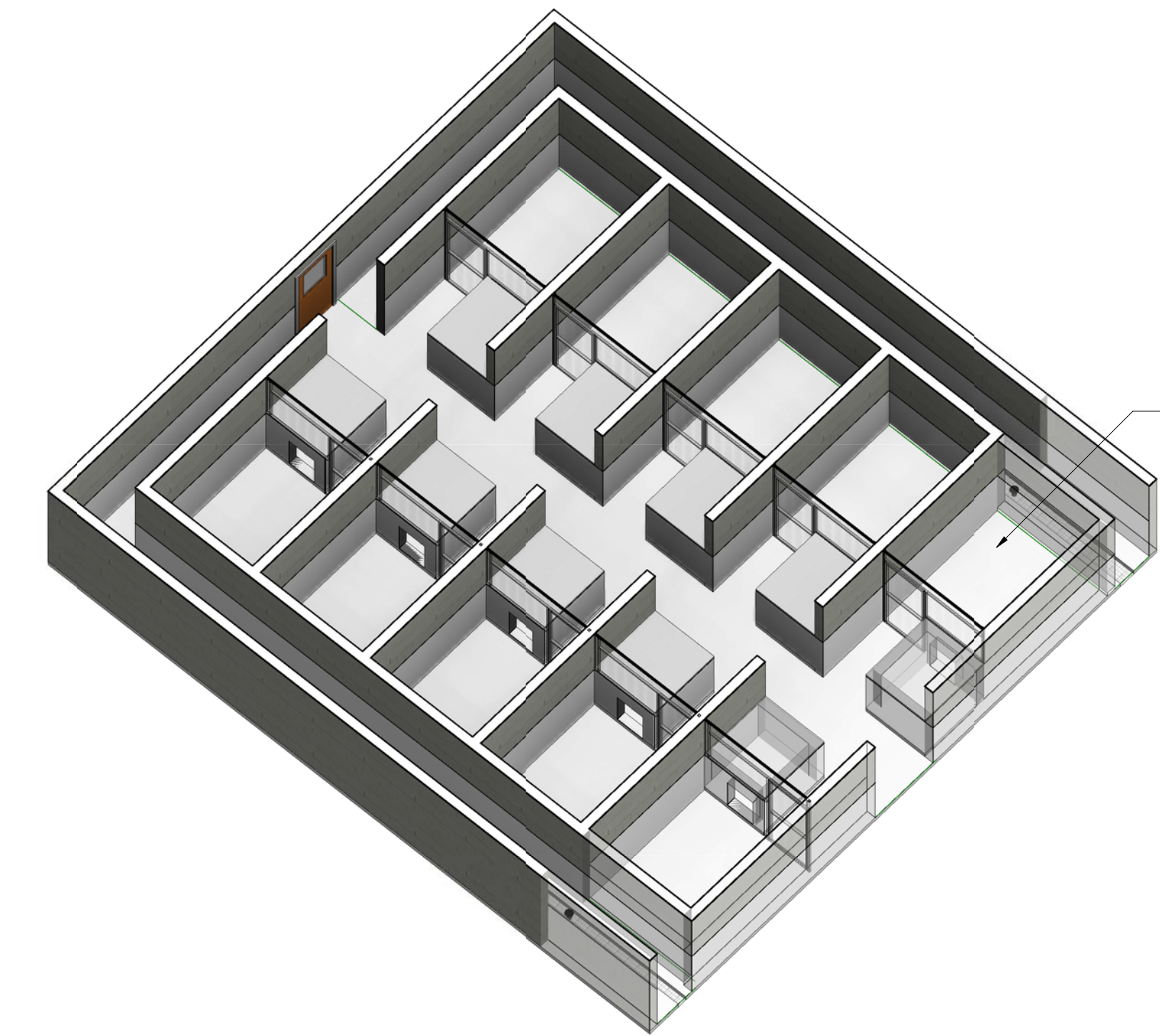
7 1B. SINGLE LOADED INDOOR KENNEL - 3D VIEW
NOT TO SCALE



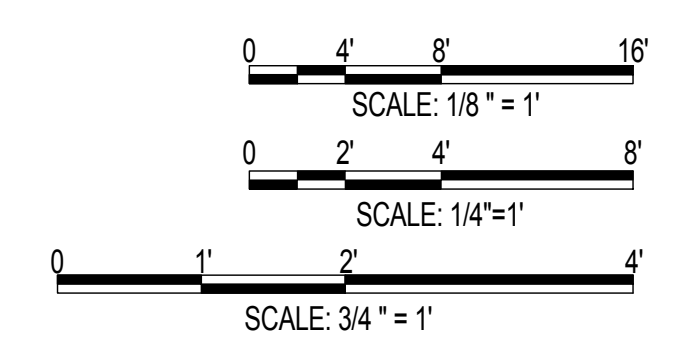
8 1C. DOUBLE LOADED INDOOR KENNEL - FLOOR PLAN
SCALE: 1/8" = 1'-0"



9 1C. DOUBLE LOADED INDOOR KENNEL - REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"



10 1C. DOUBLE LOADED INDOOR KENNEL - 3D VIEW
SCALE:



Jacobs Project No.: FDWD0273
Drawing Title:

1A. INDOOR DOG RUN
1B. SINGLE LOADED INDOOR KENNEL
1C. DOUBLE LOADED INDOOR KENNEL

Date: 20 MARCH 2013
Designed By: JN/OF
Drawn By: JN/OF
Checked By: A-101
Drawing No.:

SCALE(S) AS NOTED ON THIS SHEET ARE BASED ON A FULL 36"x24" SIZE 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.

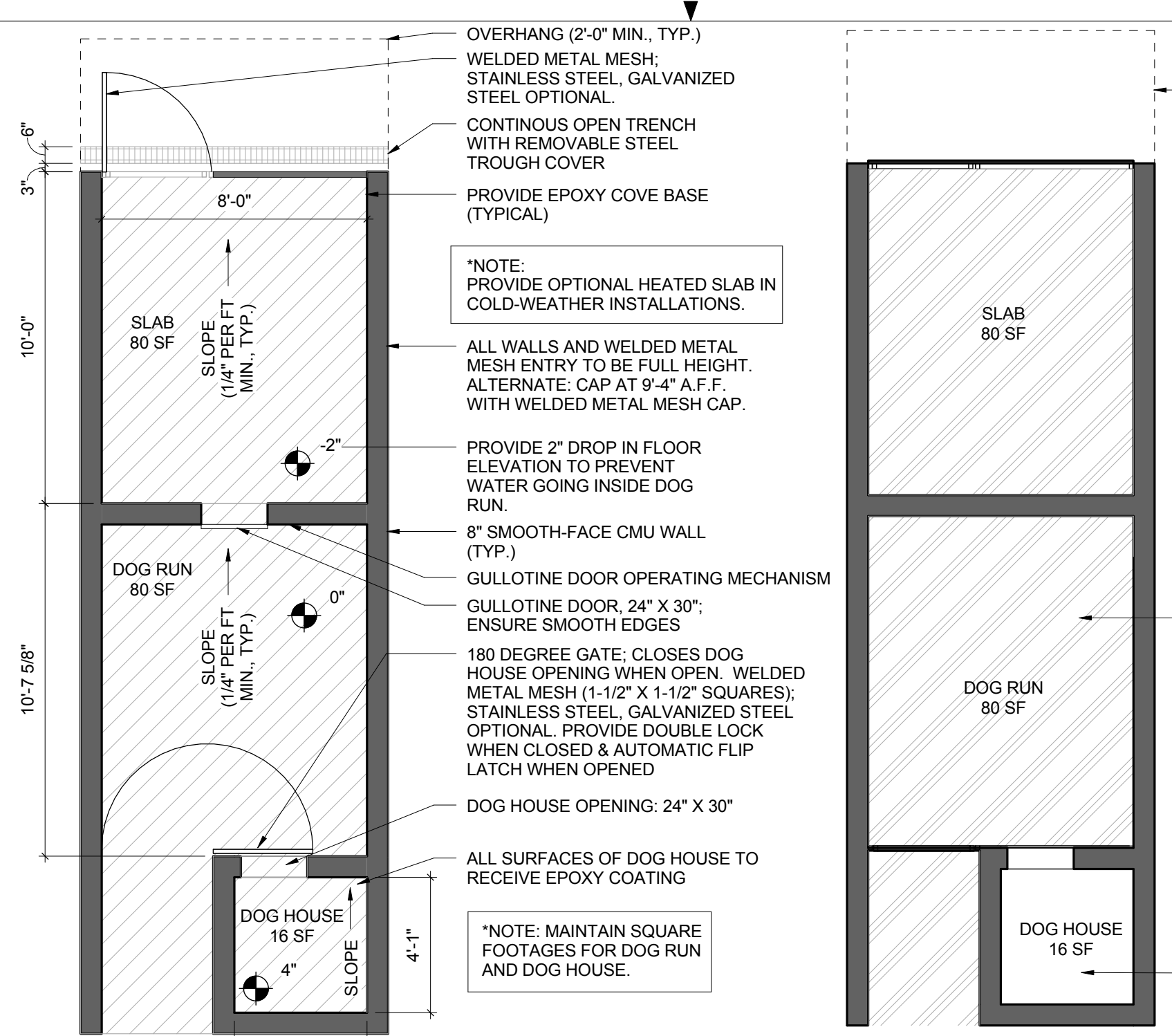
FLOOR FINISH LEGEND

CONCRETE WITH EPOXY COATING

CEILING LEGEND

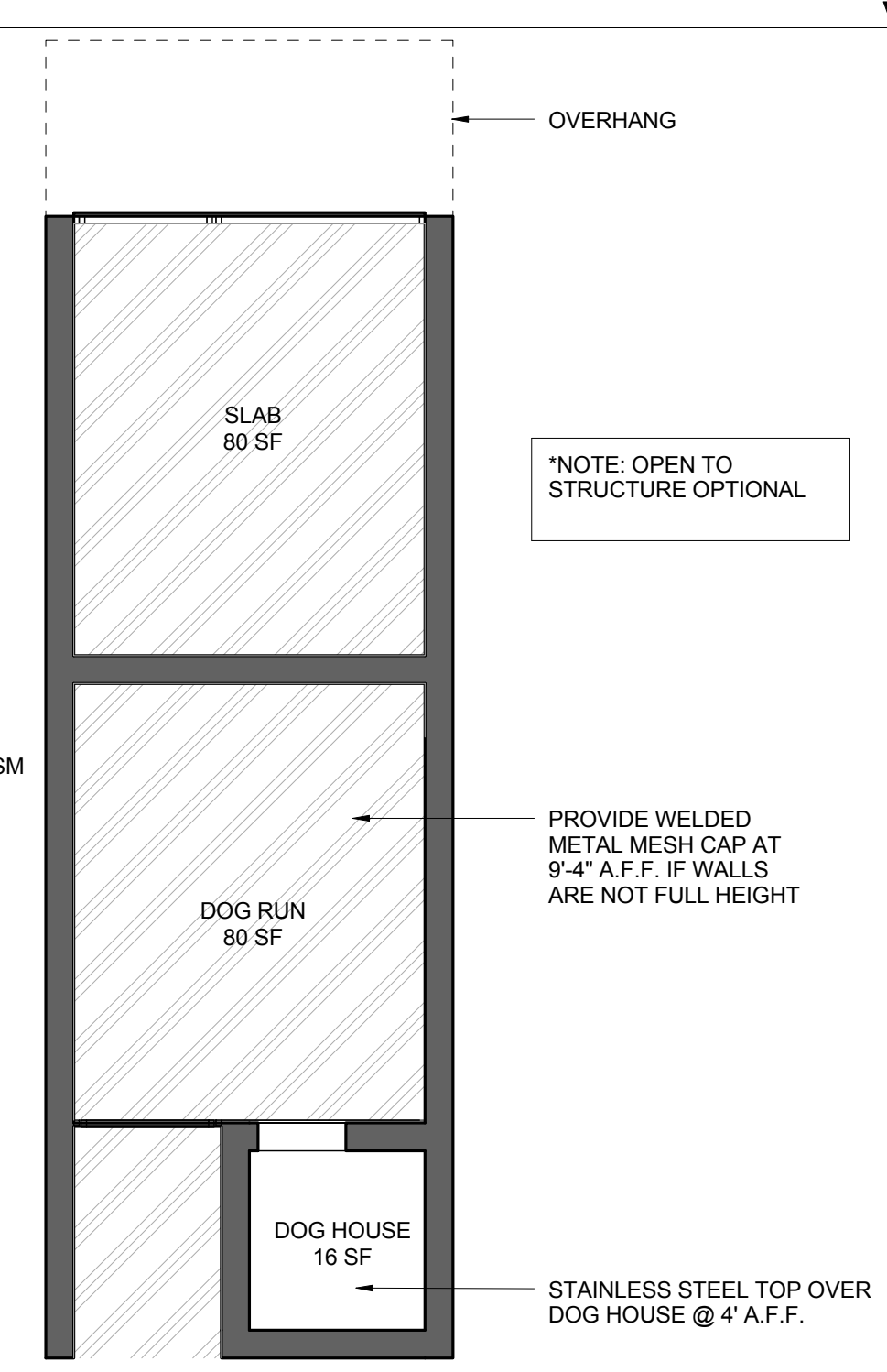
ACOUSTICAL CEILING PANELS OR Baffles; REFERENCE APPENDIX OF MWD KENNEL BIM MANUAL FOR SPECIFICATION

OPEN TO STRUCTURE



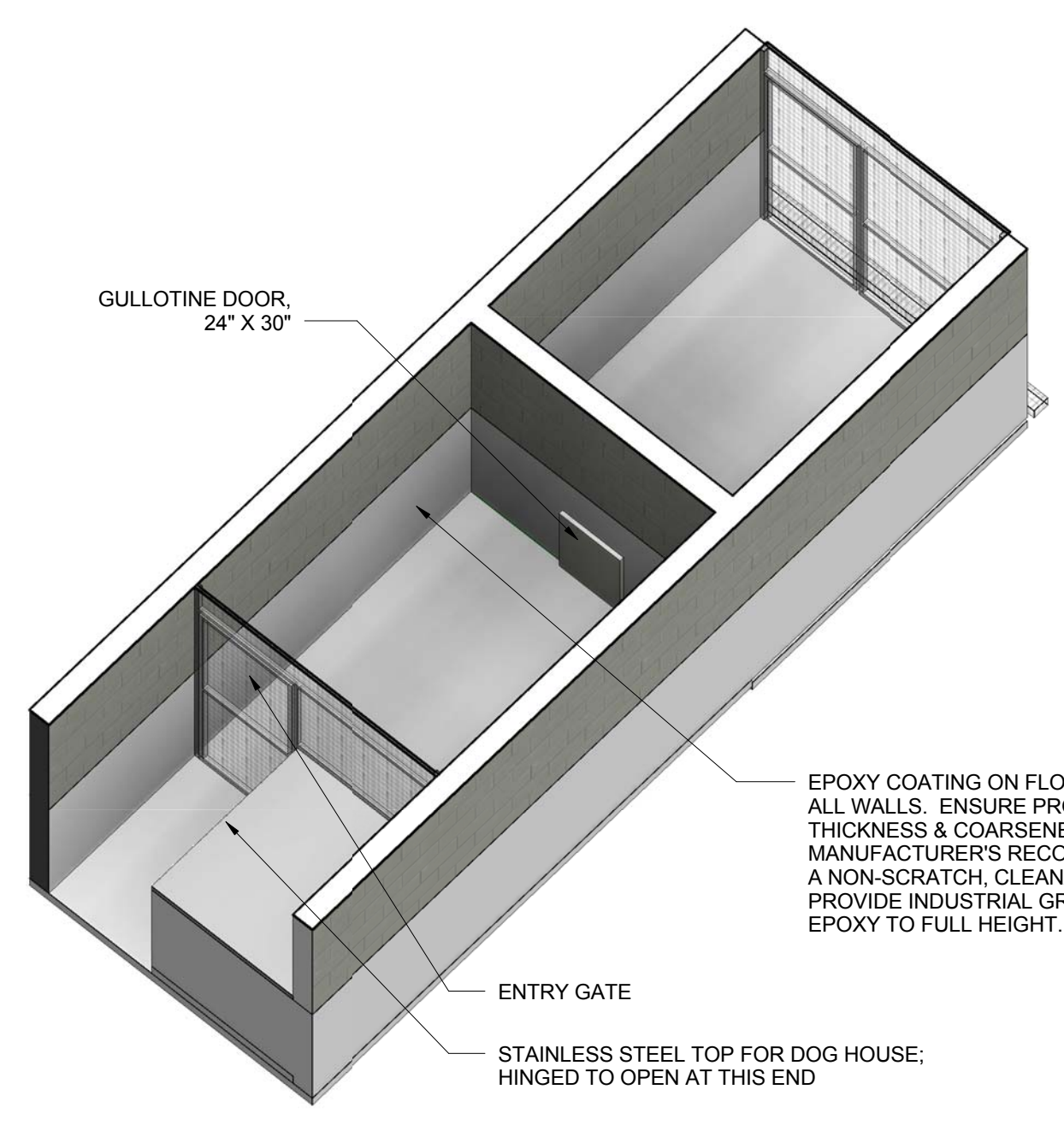
2A. INDOOR/OUTDOOR DOG RUN - FLOOR PLAN

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



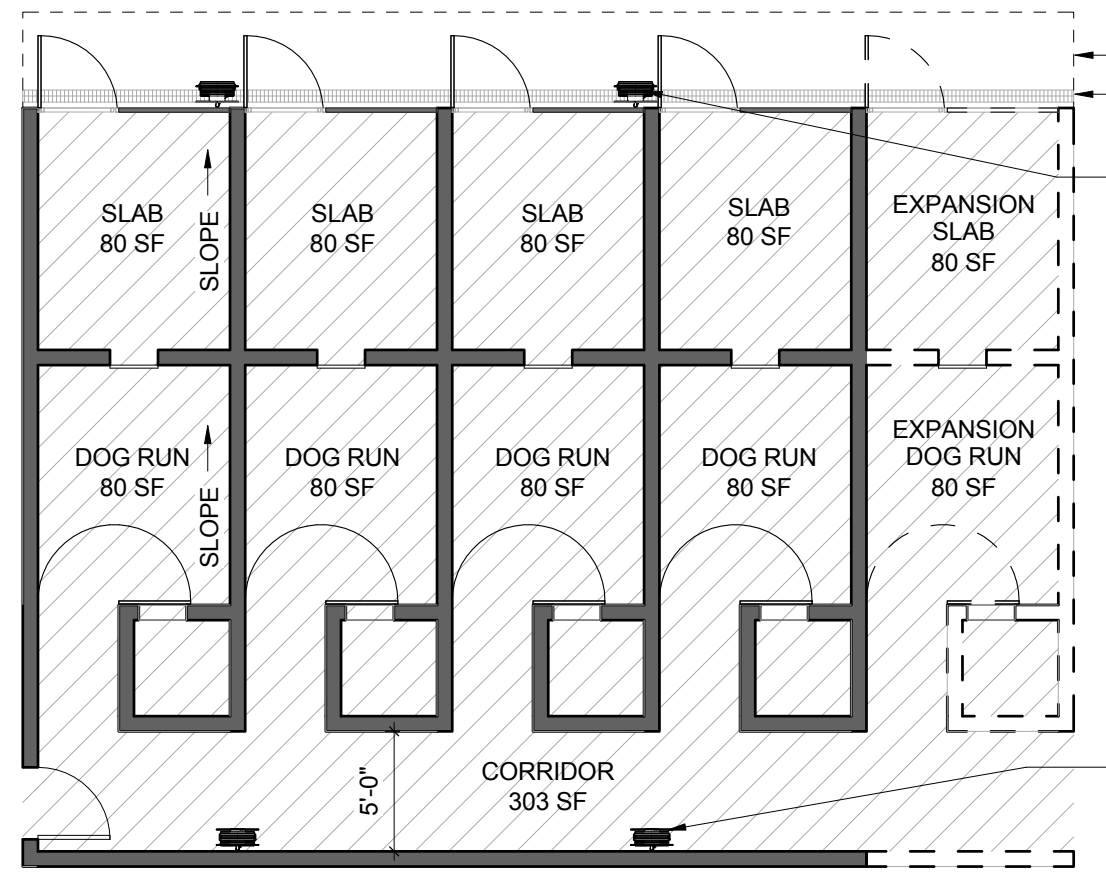
2A. INDOOR/OUTDOOR DOG RUN - REFLECTED CEILING PLAN

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



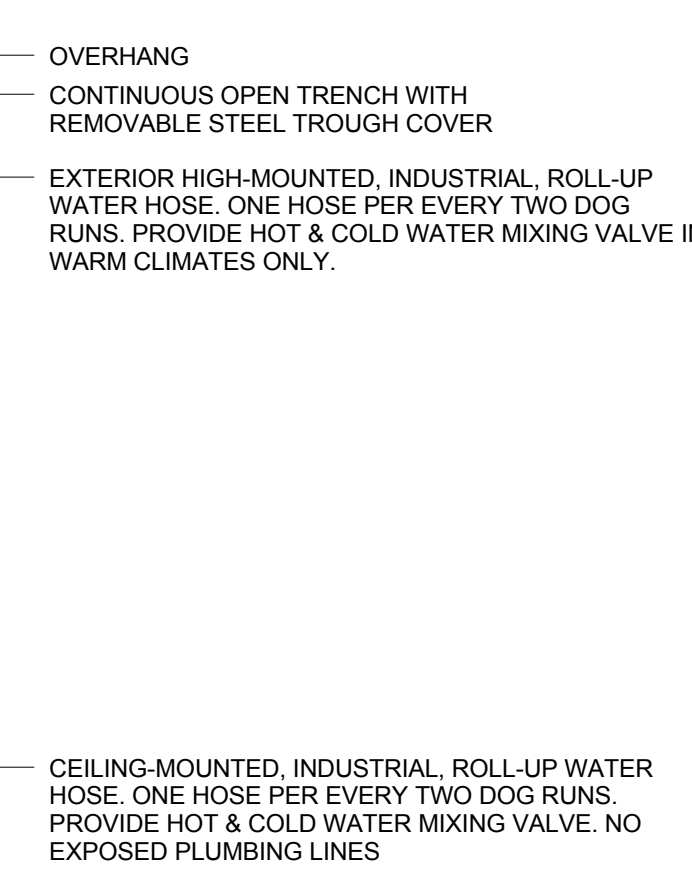
2A. INDOOR/OUTDOOR DOG RUN - 3D VIEW

SCALE:



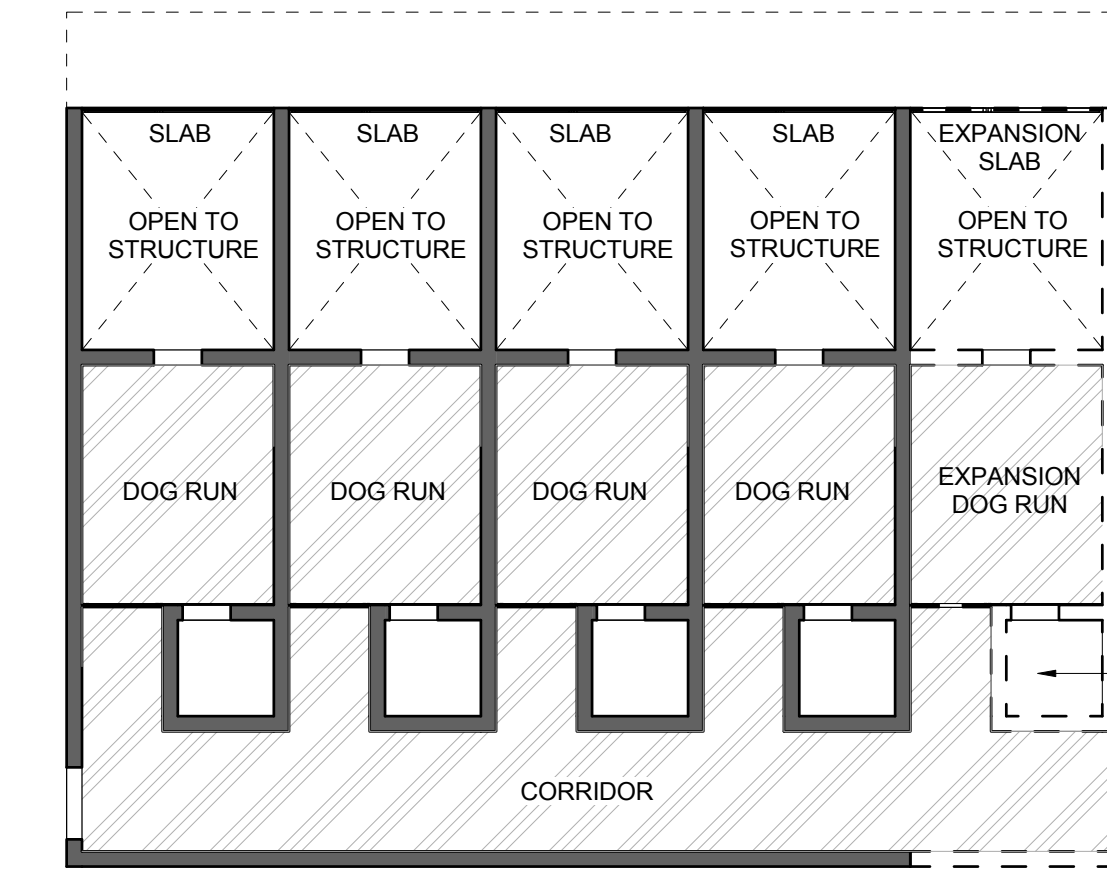
2B. SINGLE LOADED INDOOR/OUTDOOR KENNEL - FLOOR PLAN

SCALE: 1/8" = 1'-0"



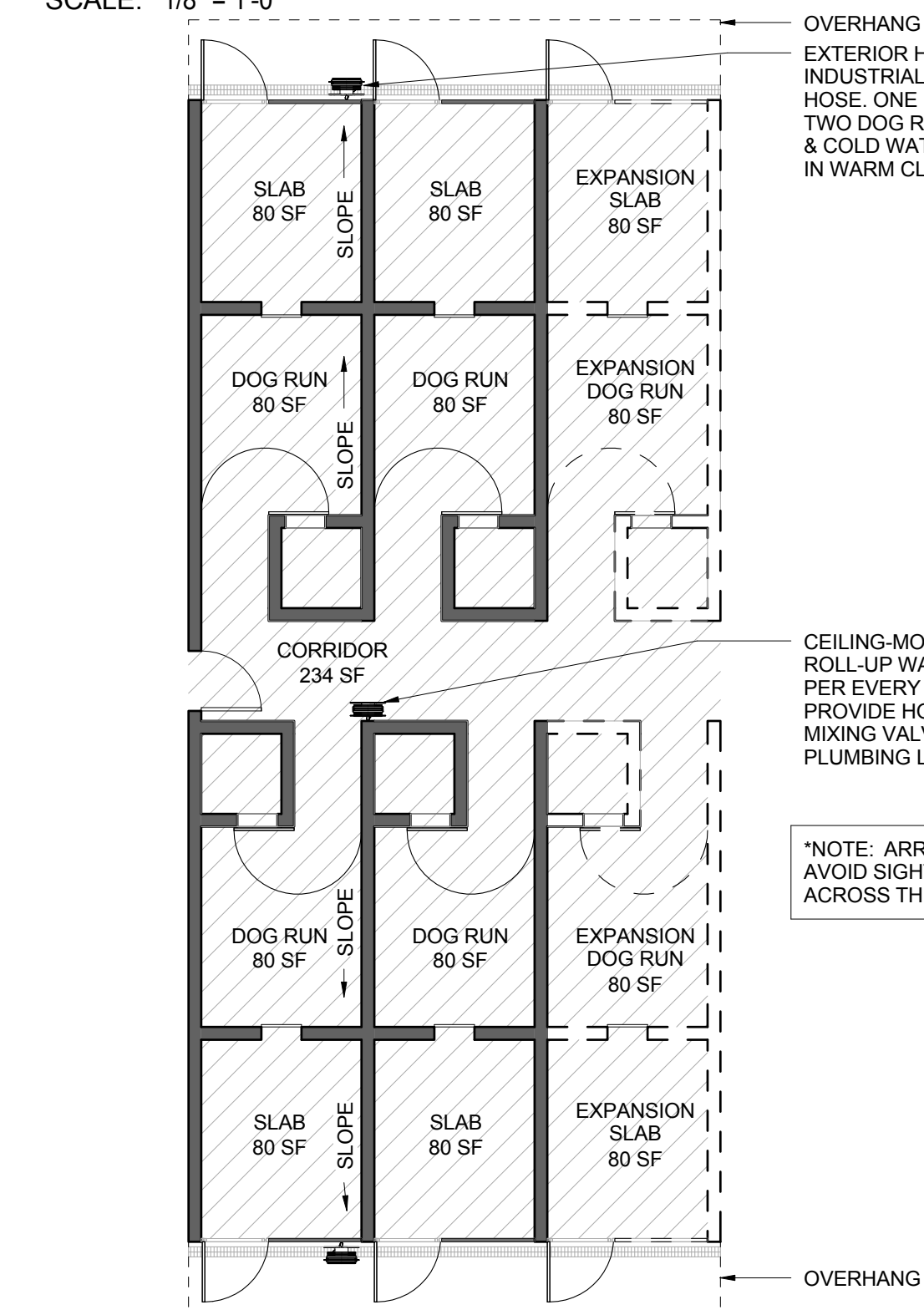
2B. SINGLE LOADED INDOOR/OUTDOOR KENNEL - REFLECTED CEILING PLAN

SCALE: 1/8" = 1'-0"



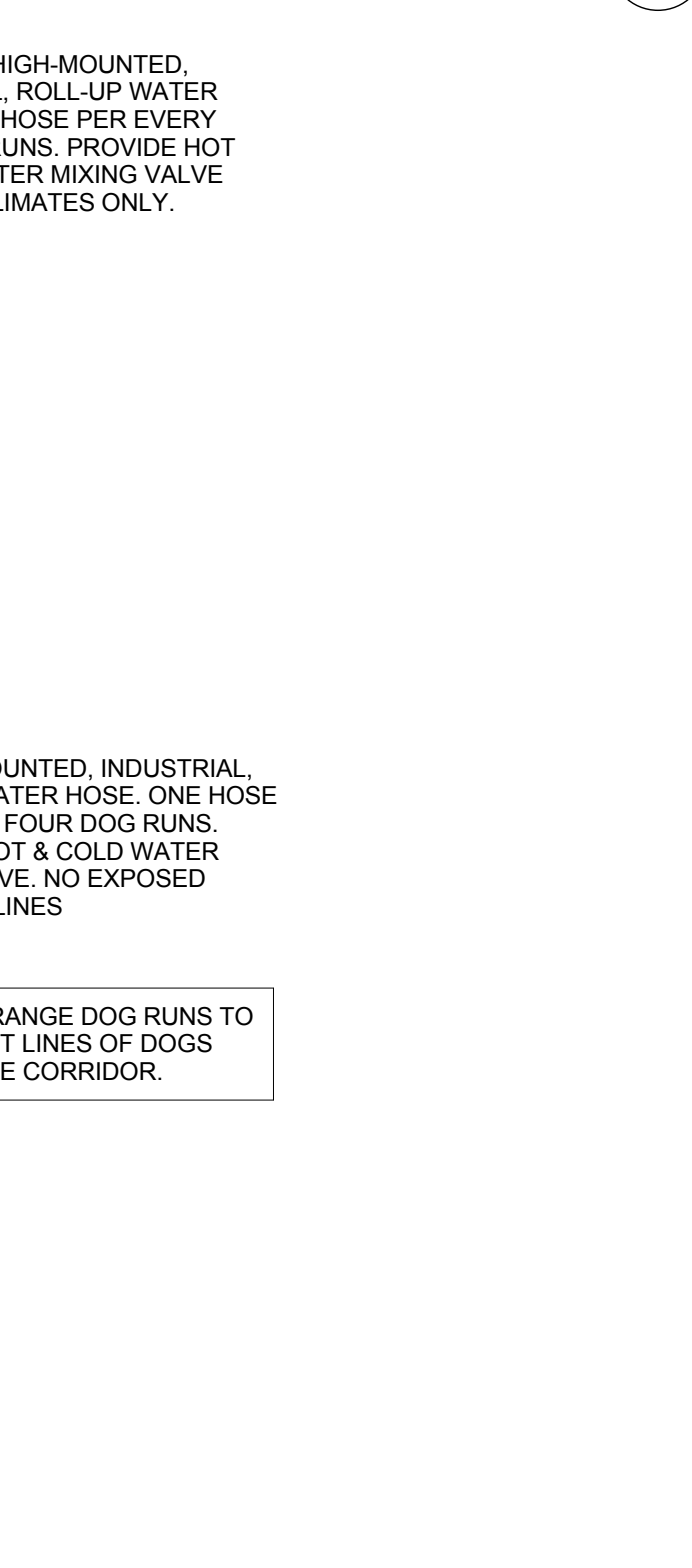
2B. SINGLE LOADED INDOOR/OUTDOOR KENNEL - 3D VIEW

NOT TO SCALE



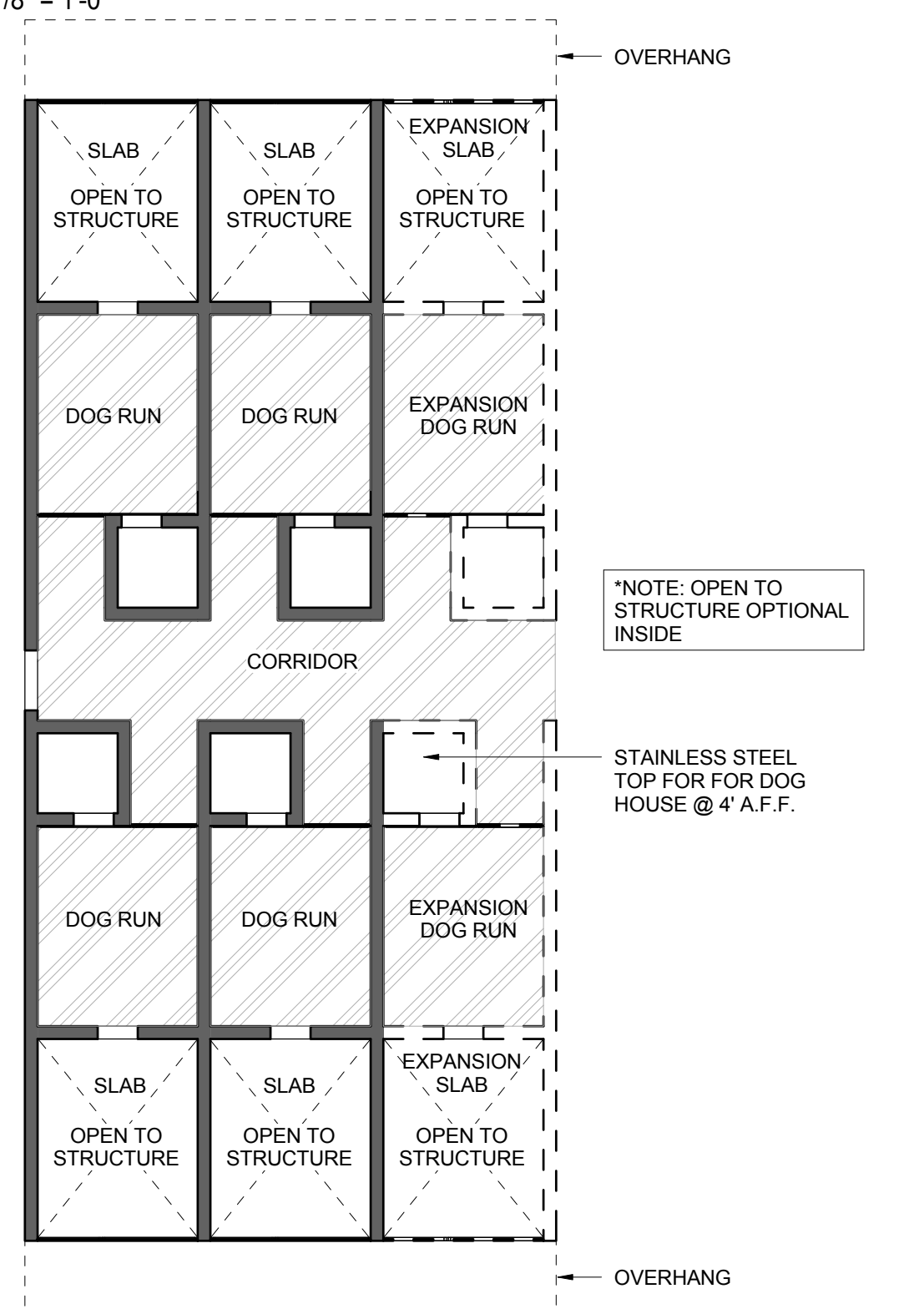
2C. DOUBLE LOADED INDOOR/OUTDOOR KENNEL - FLOOR PLAN

SCALE: 1/8" = 1'-0"



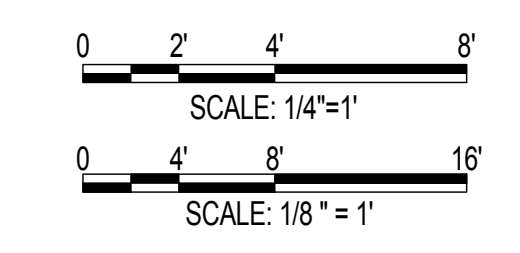
2C. DOUBLE LOADED INDOOR/OUTDOOR KENNEL - REFLECTED CEILING PLAN

SCALE: 1/8" = 1'-0"



2C. DOUBLE LOADED INDOOR/OUTDOOR KENNEL - 3D VIEW

NOT TO SCALE



Jacobs Project No.: FDWD0273

Drawing Title:

- 2A. INDOOR/OUTDOOR DOG RUN
- 2B. SINGLE LOADED INDOOR/OUTDOOR KENNEL
- 2C. DOUBLE LOADED INDOOR/OUTDOOR KENNEL

Date: 20 MARCH 2013

Designed By: JN/OF

Drawn By: JN/OF

Checked By:

Drawing No.:

A-102

GENERAL NOTES

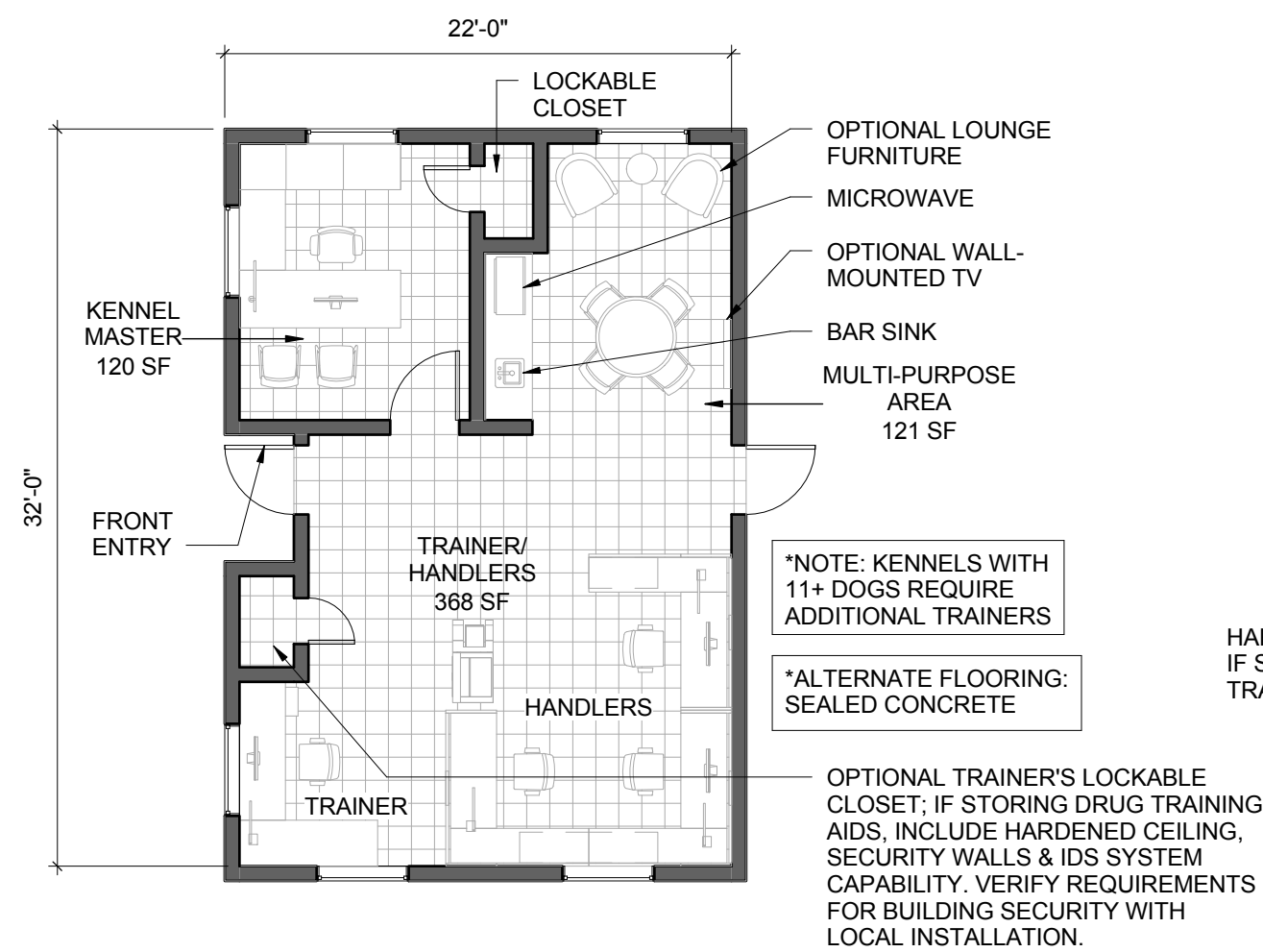
1. EVERY WALL IS GENERIC UNLESS SPECIFICALLY NOTED.
2. EVERY WALL IS A PLACE HOLDER.
3. AS THE MODULES ARE COMBINED TO CREATE A FACILITY, USE DISCRETION AS TO WHICH WALLS NEED TO BE MOVED, ADDED OR REMOVED.
4. IF NO WALL IS PRESENT, THE DESIGN INTENT IS TO LEAVE THAT SPACE OPEN TO ADJACENT SPACES WITHIN THE FACILITY.
5. ALL FURNITURE ITEMS ARE PLACE HOLDERS UNLESS SPECIFICALLY NOTED.
6. LIGHT FIXTURES ARE PLACE HOLDERS. SMOKE DETECTORS AND HVAC DIFFUSERS WILL VARY ON FINAL BUILDING DESIGN.
7. NOTES FOR INDIVIDUAL MODULES SHOULD BE APPLIED TO THE COMBINED MODULES AND FACILITY DESIGNS.

FLOOR FINISH LEGEND

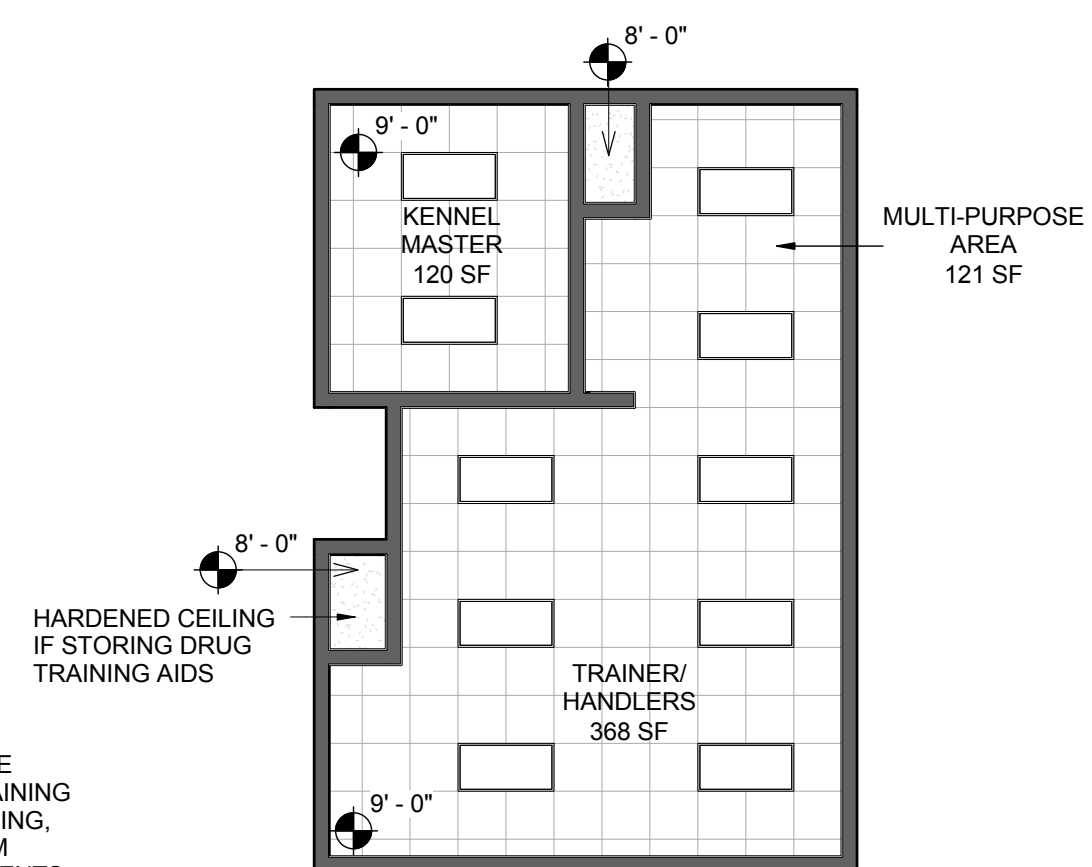
- CONCRETE WITH EPOXY COATING
- VCT TILE

CEILING LEGEND

- 2X2 ACOUSTICAL TILE
- LAY-IN 2' X 4' LIGHT FIXTURE



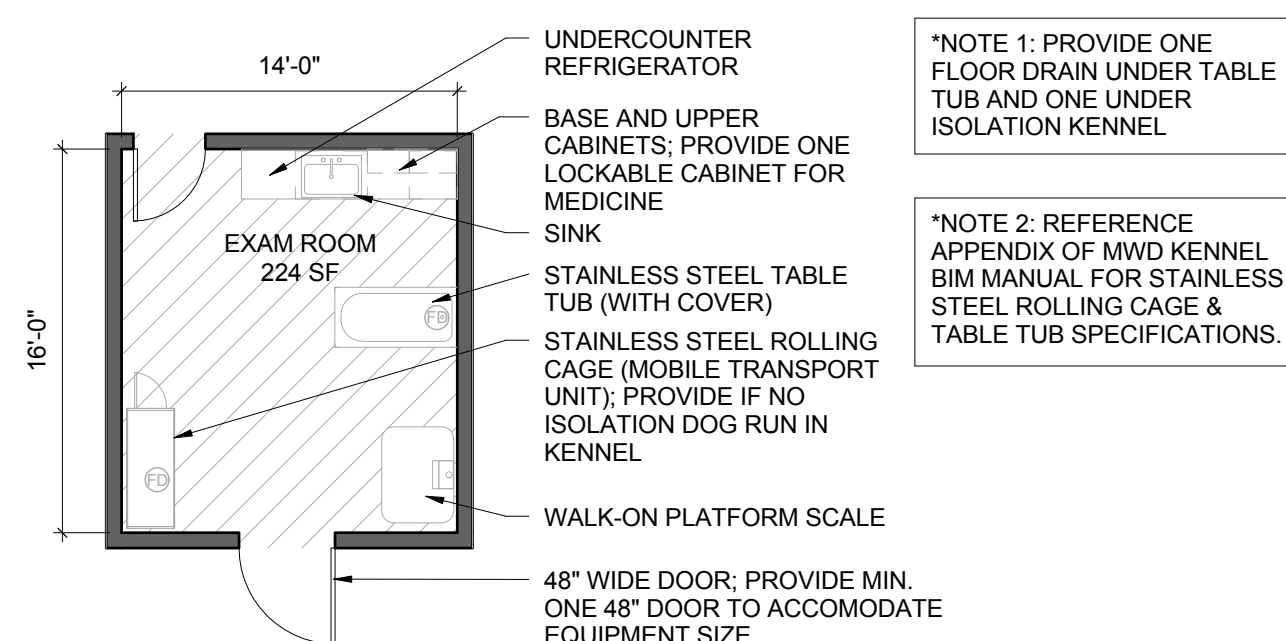
1 3. ADMINISTRATIVE - FLOOR PLAN
SCALE: 1/8" = 1'-0"



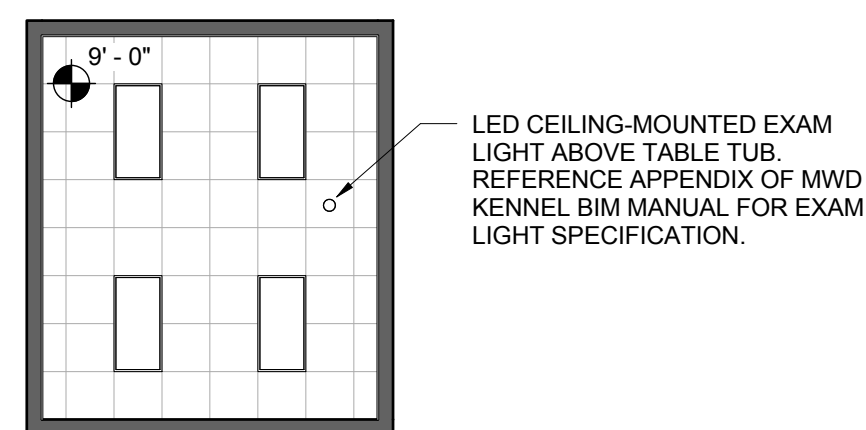
2 3. ADMINISTRATIVE - REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"



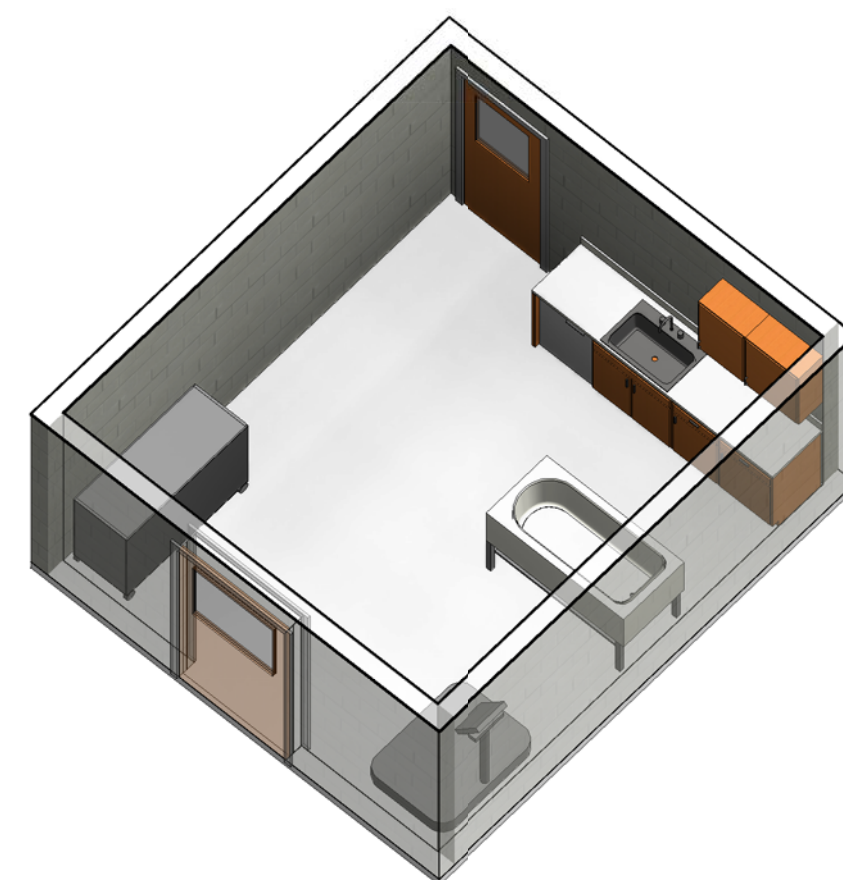
3 3. ADMINISTRATIVE - 3D VIEW
NOT TO SCALE



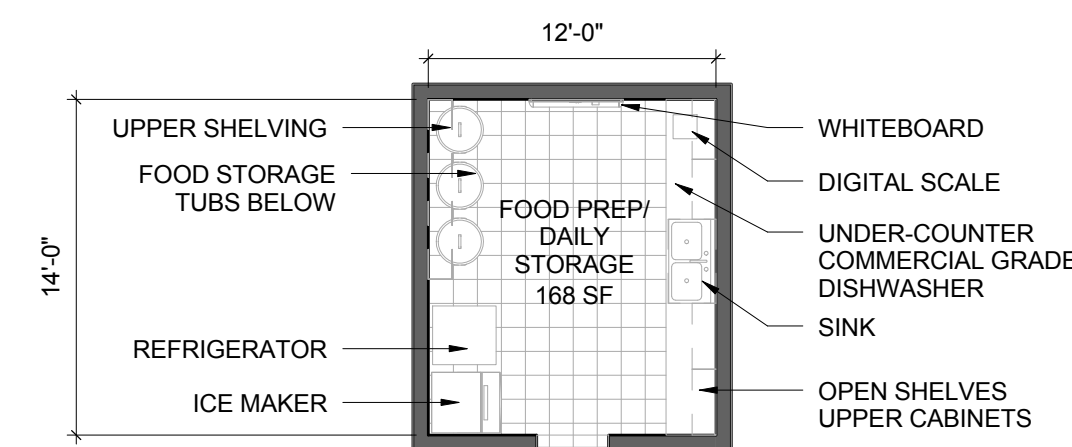
4 4. EXAM / TREATMENT ROOM - FLOOR PLAN
SCALE: 1/8" = 1'-0"



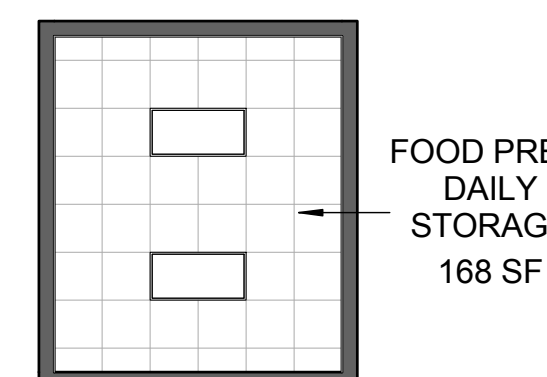
5 4. EXAM / TREATMENT ROOM - REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"



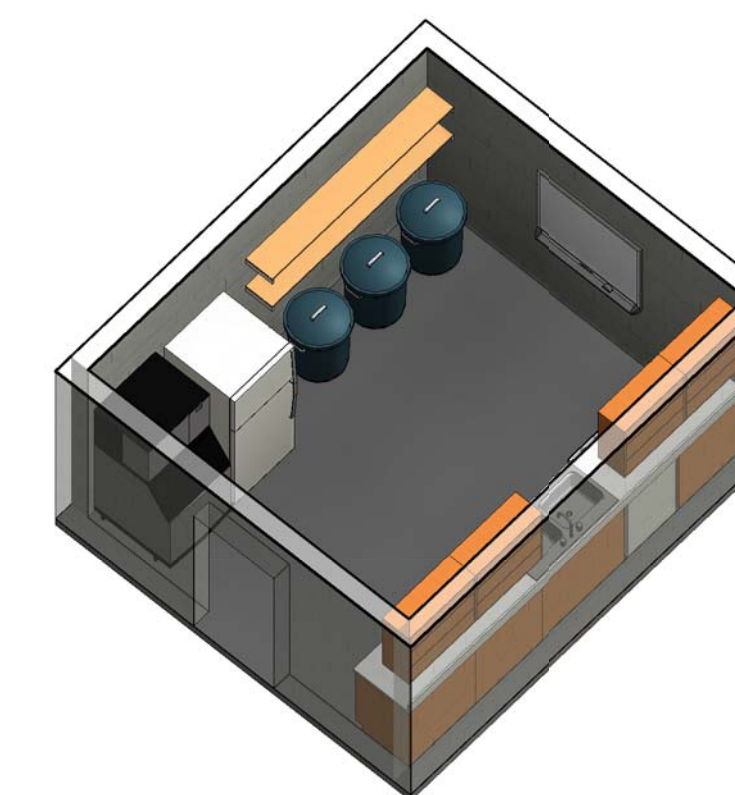
6 4. EXAM / TREATMENT ROOM - 3D VIEW
NOT TO SCALE



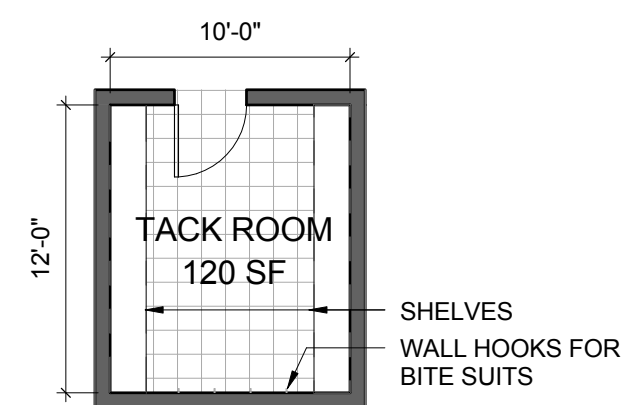
7 5. FOOD PREP / DAILY STORAGE - FLOOR PLAN
SCALE: 1/8" = 1'-0"



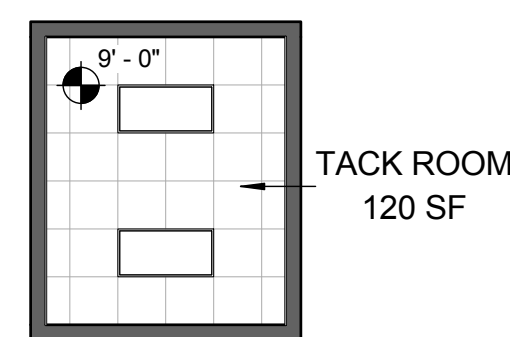
8 5. FOOD PREP / DAILY STORAGE - REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"



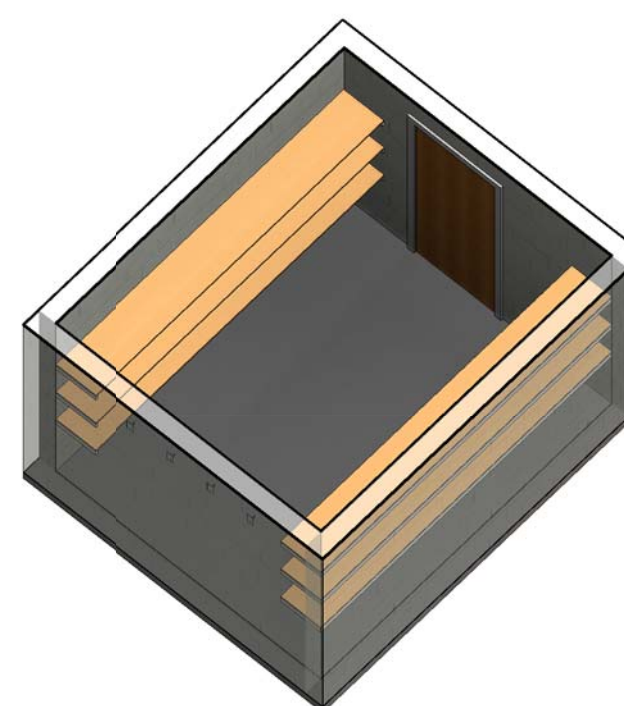
9 5. FOOD PREP / DAILY STORAGE - 3D VIEW
NOT TO SCALE



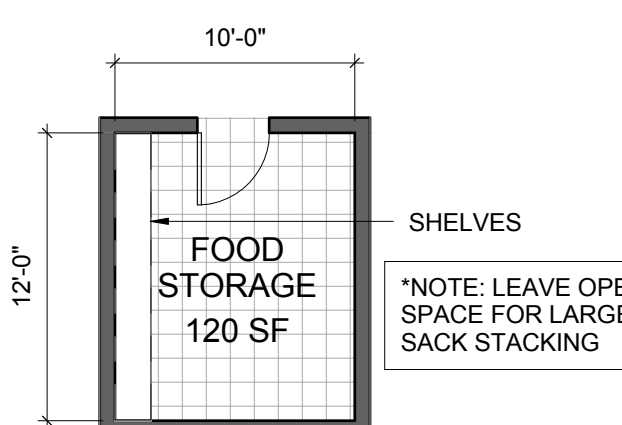
1 6. TACK ROOM - FLOOR PLAN
SCALE: 1/8" = 1'-0"



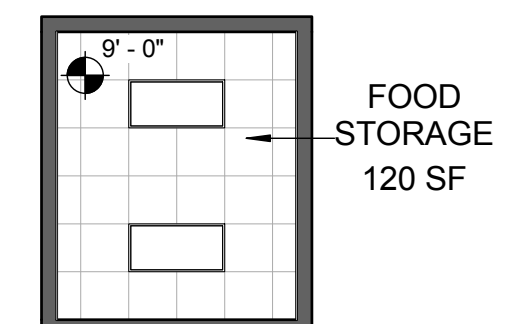
2 6. TACK ROOM - REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"



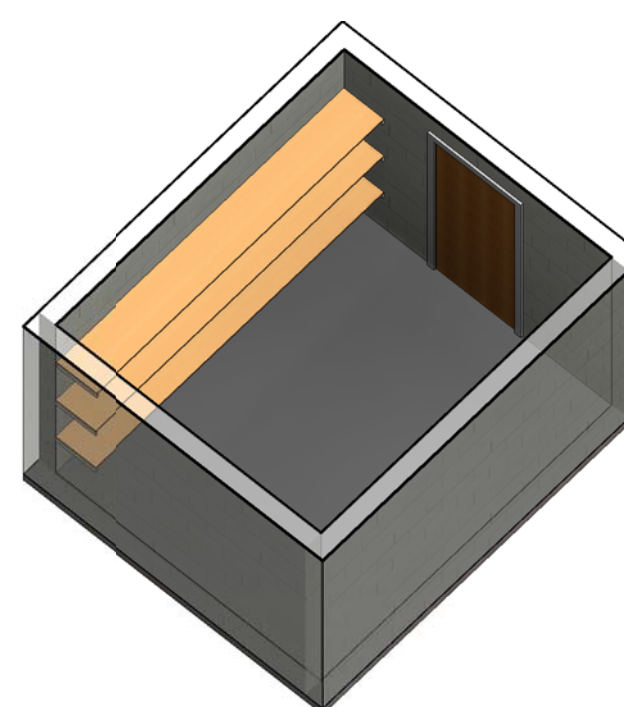
3 6. TACK ROOM - 3D VIEW
NOT TO SCALE



4 7. FOOD STORAGE - FLOOR PLAN
SCALE: 1/8" = 1'-0"



5 7. FOOD STORAGE - REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"



6 7. FOOD STORAGE - 3D VIEW
NOT TO SCALE

GENERAL NOTES

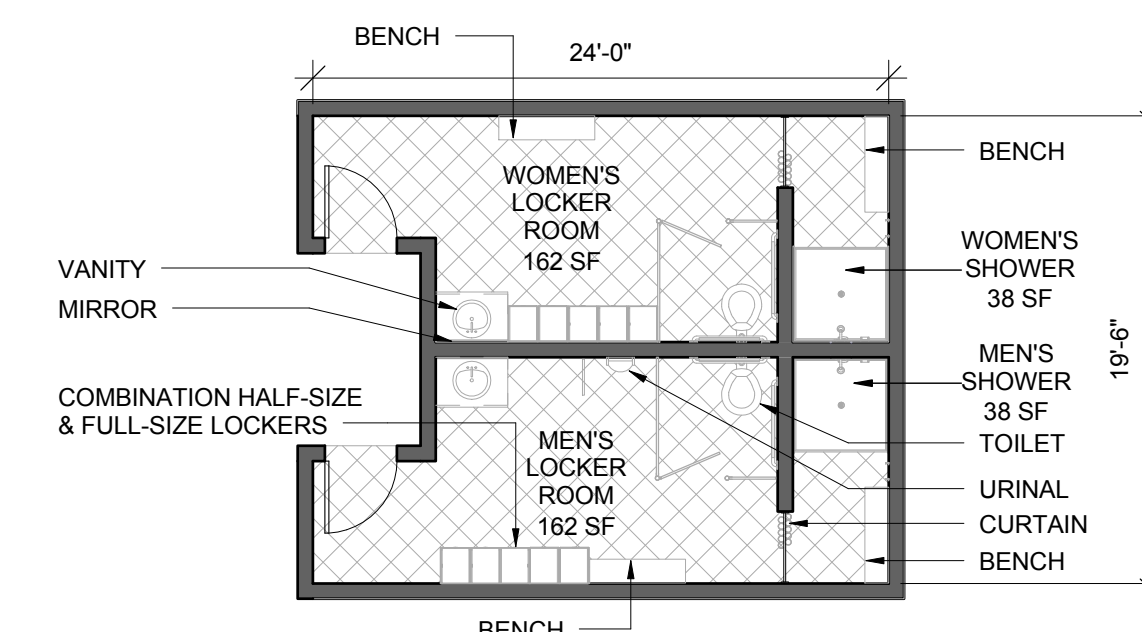
1. EVERY WALL IS GENERIC UNLESS SPECIFICALLY NOTED.
2. EVERY WALL IS A PLACE HOLDER.
3. AS THE MODULES ARE COMBINED TO CREATE A FACILITY, USE DISCRETION AS TO WHICH WALLS NEED TO BE MOVED, ADDED OR REMOVED.
4. IF NO WALL IS PRESENT, THE DESIGN INTENT IS TO LEAVE THAT SPACE OPEN TO ADJACENT SPACES WITHIN THE FACILITY.
5. ALL FURNITURE ITEMS ARE PLACE HOLDERS UNLESS SPECIFICALLY NOTED.
6. LIGHT FIXTURES ARE PLACE HOLDERS. SMOKE DETECTORS AND HVAC DIFFUSERS WILL VARY ON FINAL BUILDING DESIGN.
7. NOTES FOR INDIVIDUAL MODULES SHOULD BE APPLIED TO THE COMBINED MODULES AND FACILITY DESIGNS.

FLOOR FINISH LEGEND

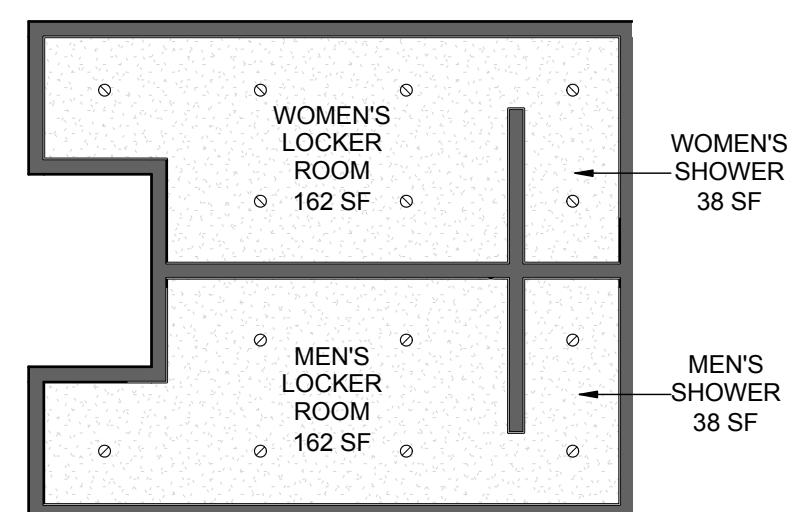
- SEALED CONCRETE
- VCT TILE
- CERAMIC TILE

CEILING LEGEND

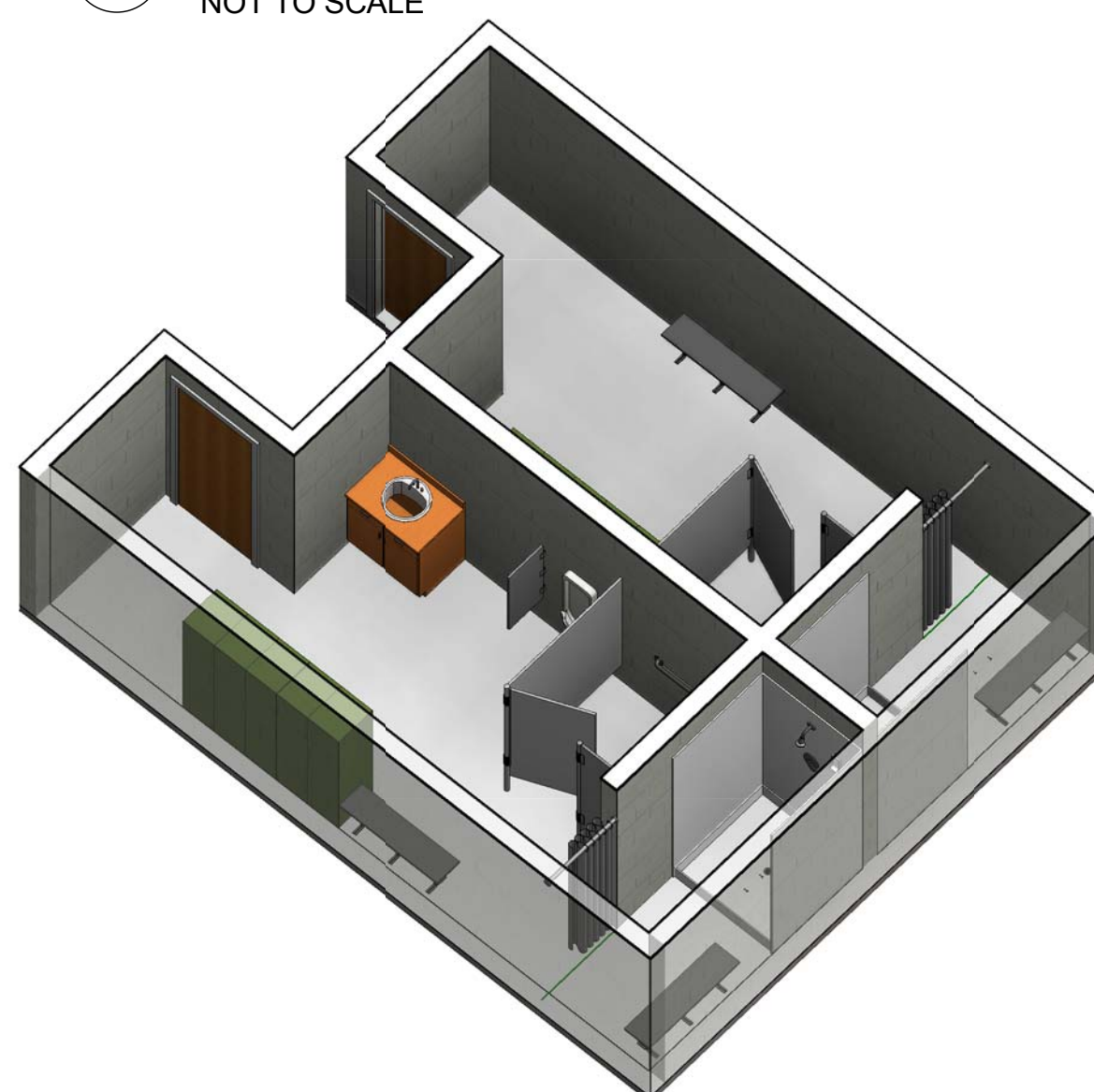
- 2X2 ACOUSTICAL TILE
- PAINTED GYPSUM BOARD
- OPEN TO STRUCTURE
- STRIP FLOURESCENT FIXTURE
- RECESSED CAN LIGHT FIXTURE
- LAY-IN 2' X 4' LIGHT FIXTURE



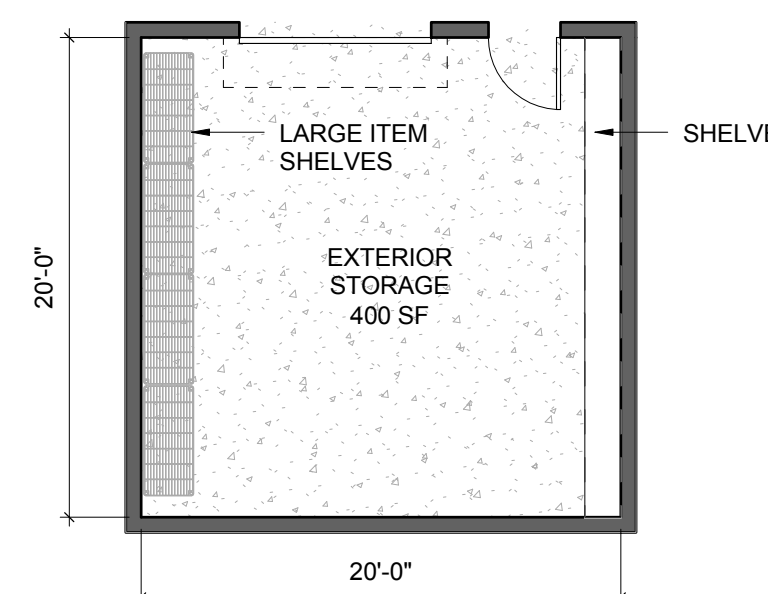
7 8. RESTROOMS/ LOCKER ROOMS - FLOOR PLAN
SCALE: 1/8" = 1'-0"



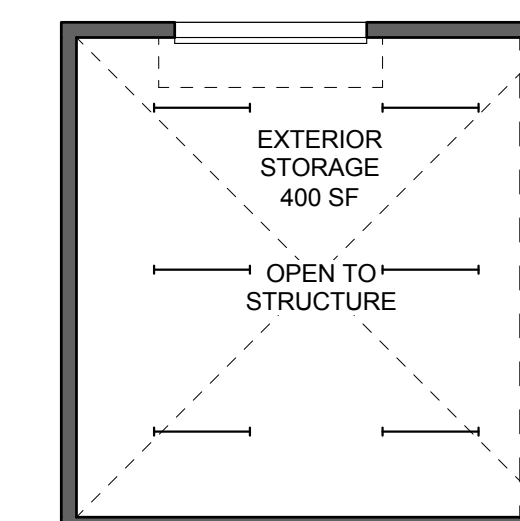
8 8. RESTROOMS/ LOCKER ROOMS - REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"



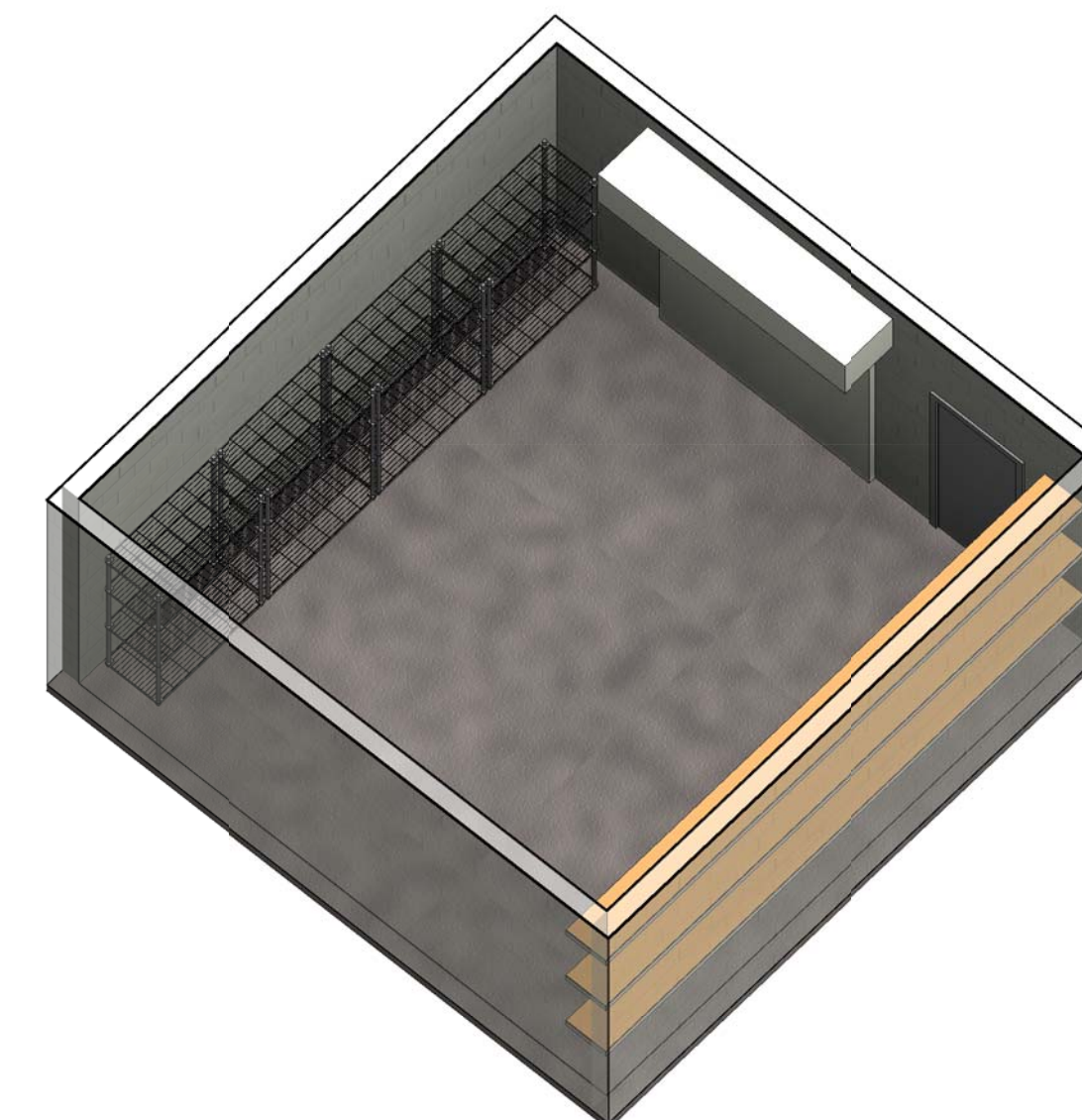
9 8. RESTROOMS/ LOCKER ROOMS - 3D VIEW
NOT TO SCALE



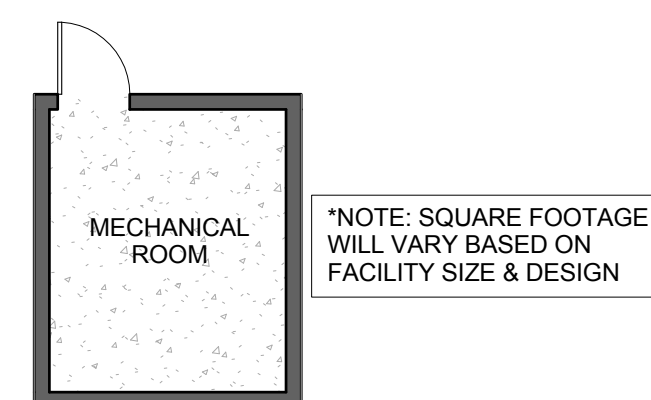
13 10. OPTIONAL EXTERIOR STORAGE - FLOOR PLAN
SCALE: 1/8" = 1'-0"



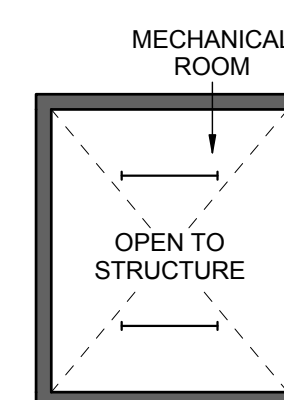
14 10. OPTIONAL EXTERIOR STORAGE - REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"



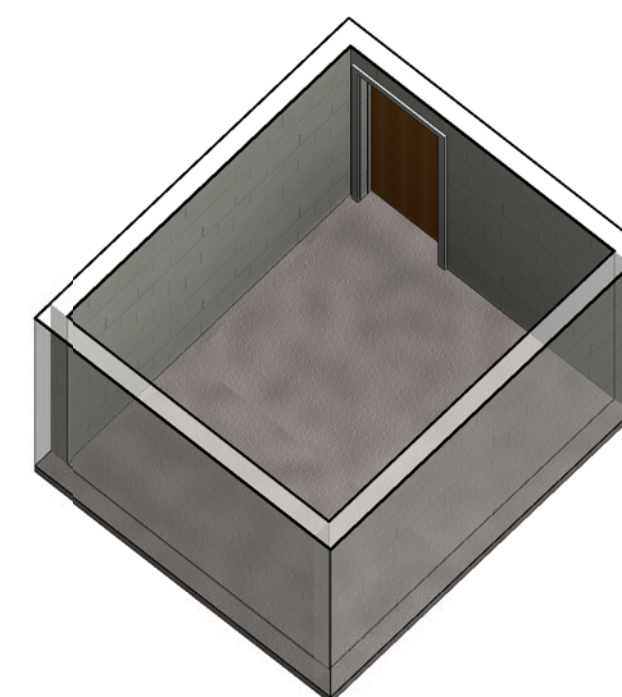
15 10. OPTIONAL EXTERIOR STORAGE - 3D VIEW
SCALE:



10 9. MECHANICAL ROOM - FLOOR PLAN
SCALE: 1/8" = 1'-0"



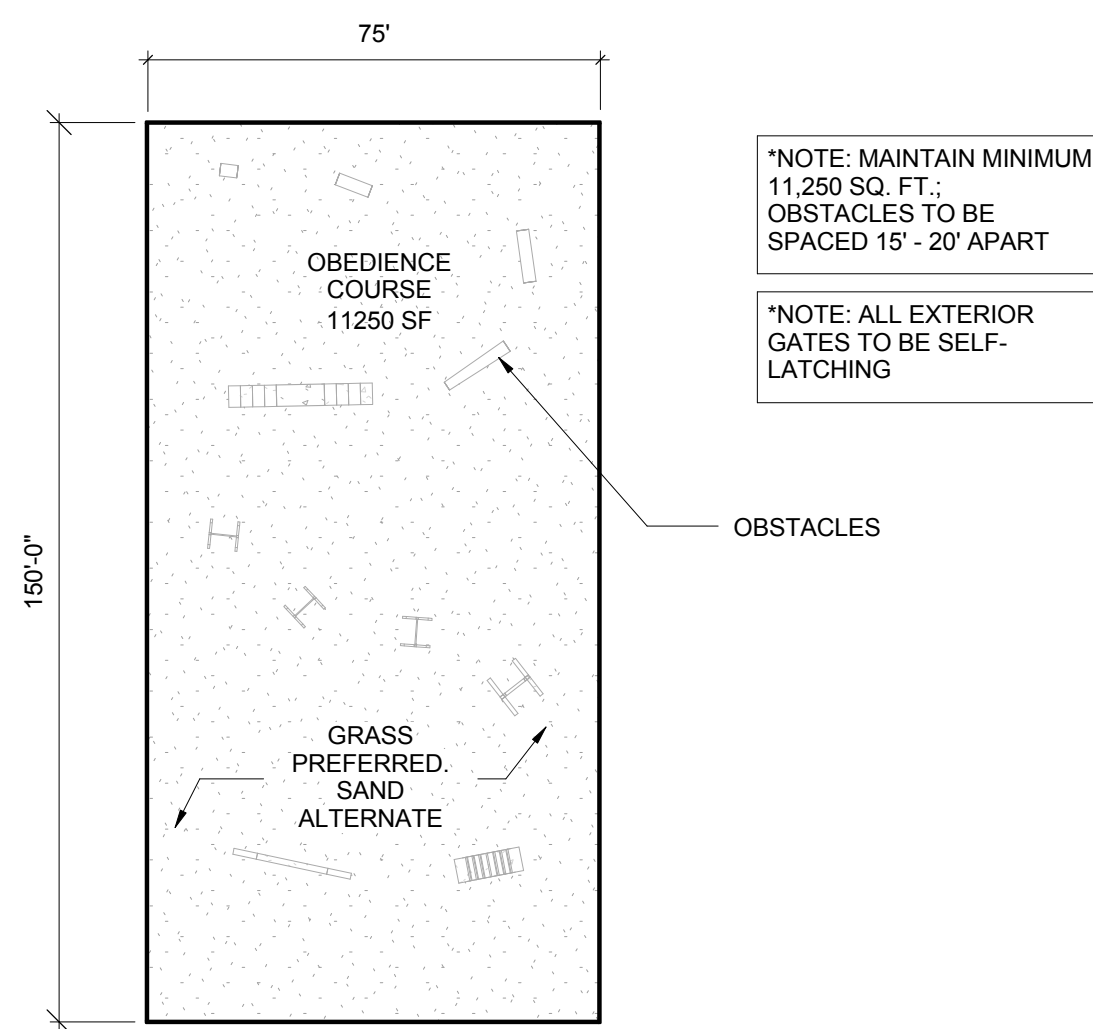
11 9. MECHANICAL ROOM - REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"



12 9. MECHANICAL ROOM - 3D VIEW
NOT TO SCALE

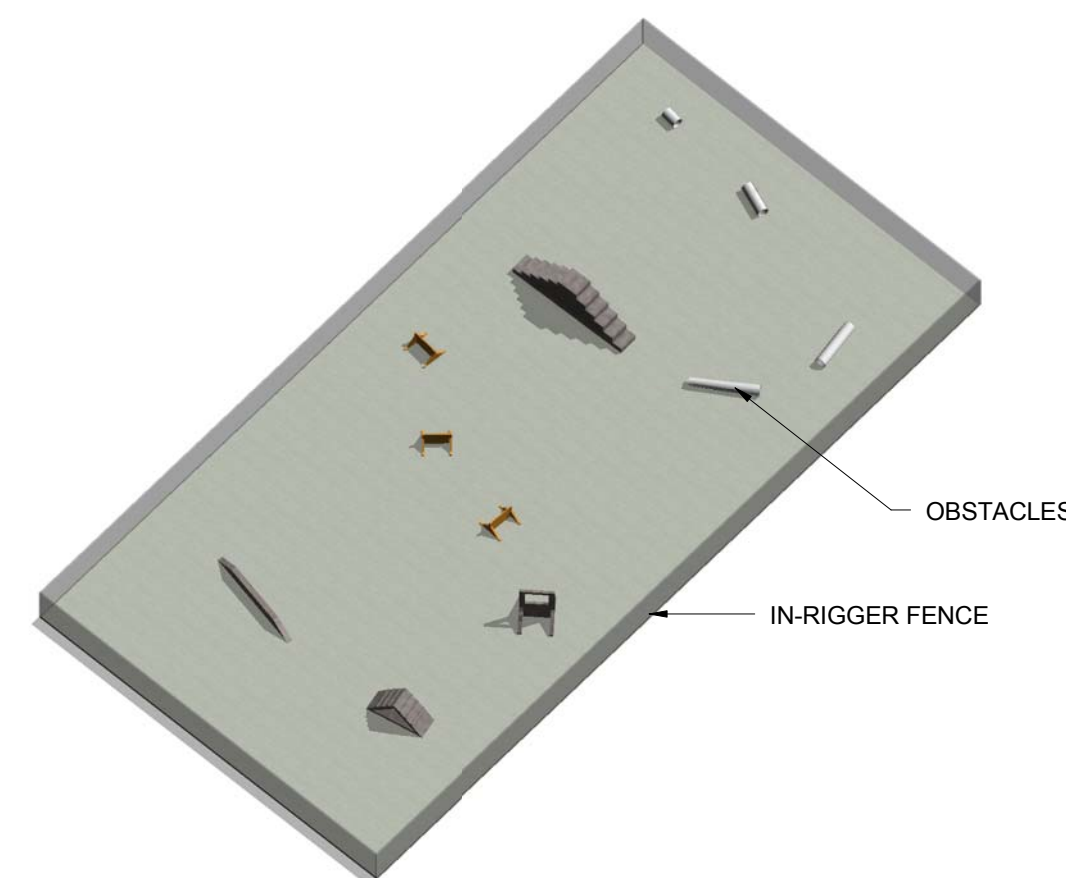
GENERAL NOTES

- EVERY WALL IS GENERIC UNLESS SPECIFICALLY NOTED.
- EVERY WALL IS A PLACE HOLDER.
- AS THE MODULES ARE COMBINED TO CREATE A FACILITY, USE DISCRETION AS TO WHICH WALLS NEED TO BE MOVED, ADDED OR REMOVED.
- IF NO WALL IS PRESENT, THE DESIGN INTENT IS TO LEAVE THAT SPACE OPEN TO ADJACENT SPACES WITHIN THE FACILITY.
- ALL FURNITURE ITEMS ARE PLACE HOLDERS UNLESS SPECIFICALLY NOTED.
- LIGHT FIXTURES ARE PLACE HOLDERS. SMOKE DETECTORS AND HVAC DIFFUSERS WILL VARY ON FINAL BUILDING DESIGN.
- NOTES FOR INDIVIDUAL MODULES SHOULD BE APPLIED TO THE COMBINED MODULES AND FACILITY DESIGNS.



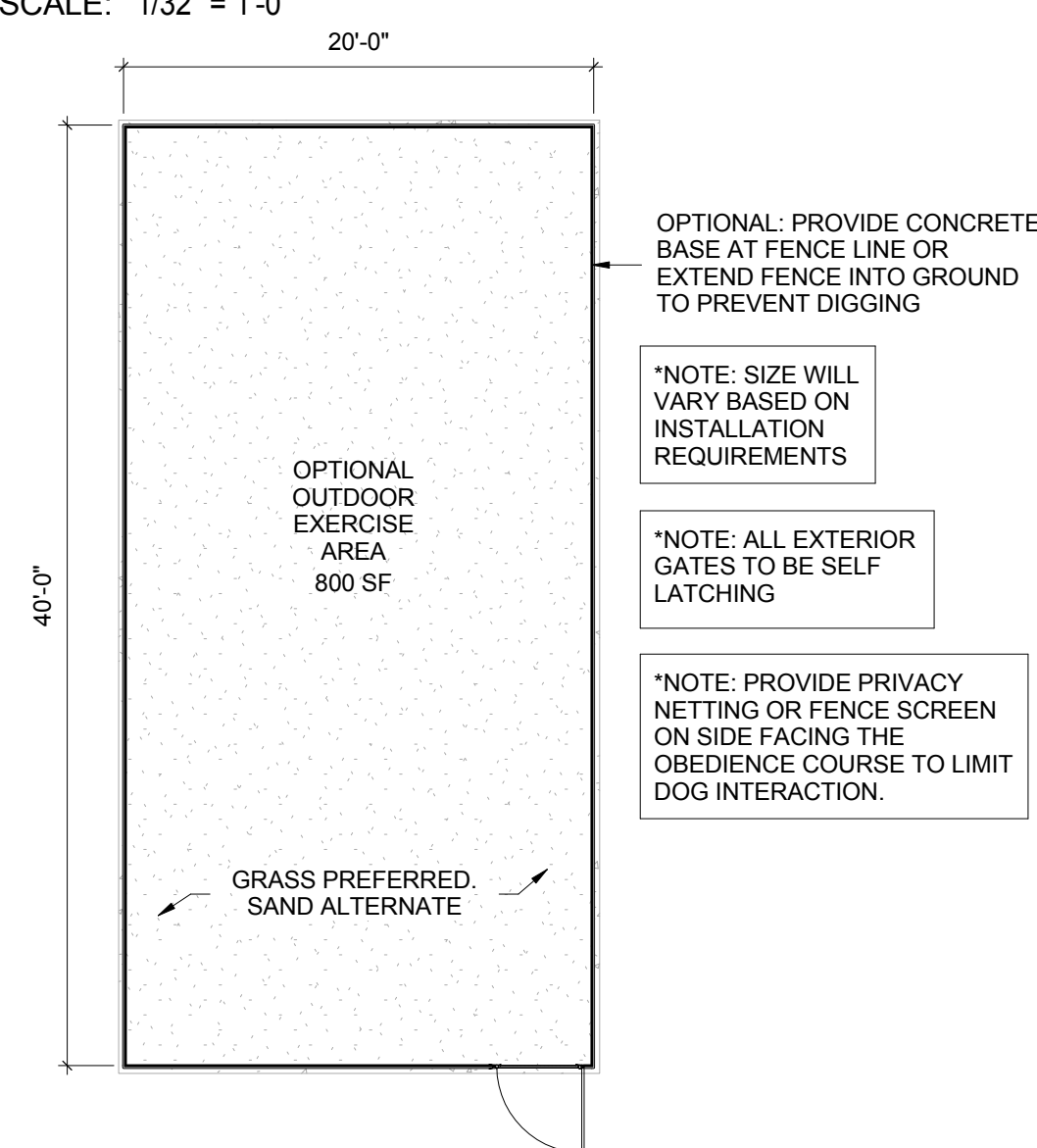
11. EXTERIOR OBEDIENCE COURSE - PLAN

SCALE: 1/32" = 1'-0"



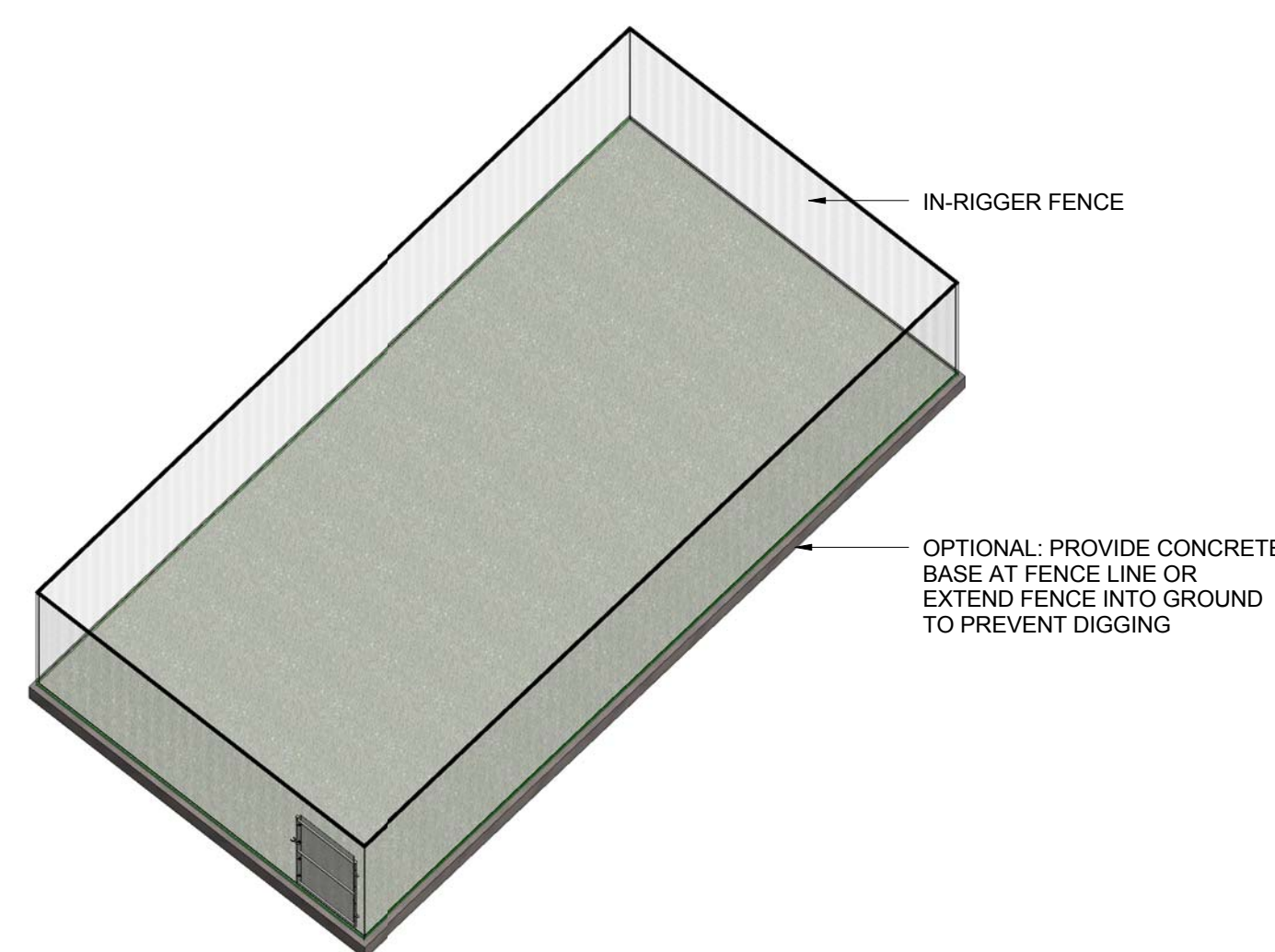
11. EXTERIOR OBEDIENCE COURSE - 3D VIEW

NOT TO SCALE



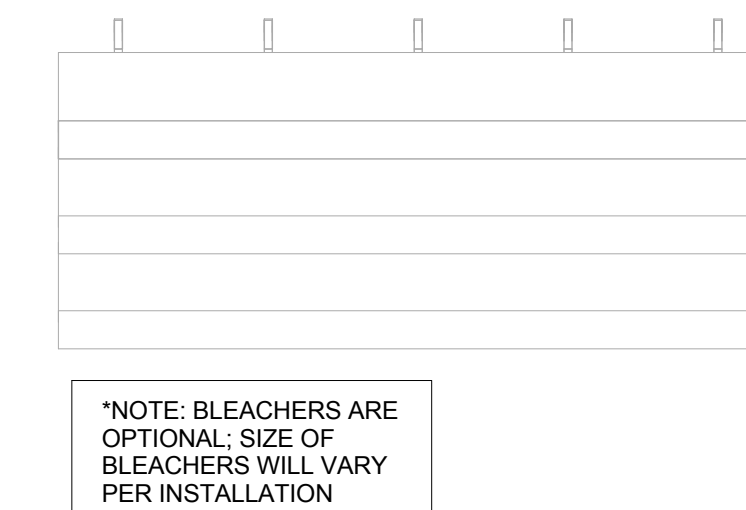
12. OPTIONAL OUTDOOR EXERCISE AREA - PLAN

SCALE: 1/8" = 1'-0"



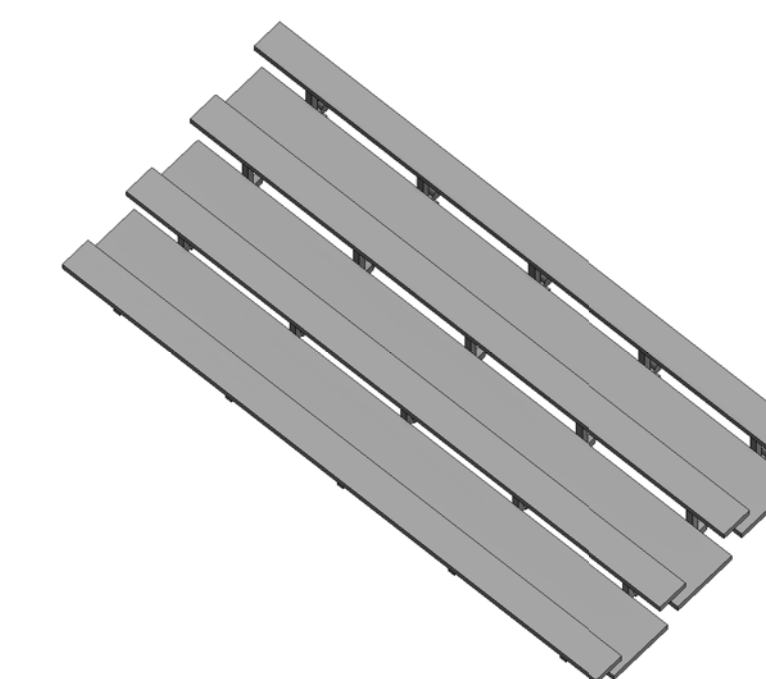
12. OPTIONAL OUTDOOR EXERCISE AREA - 3D VIEW

NOT TO SCALE



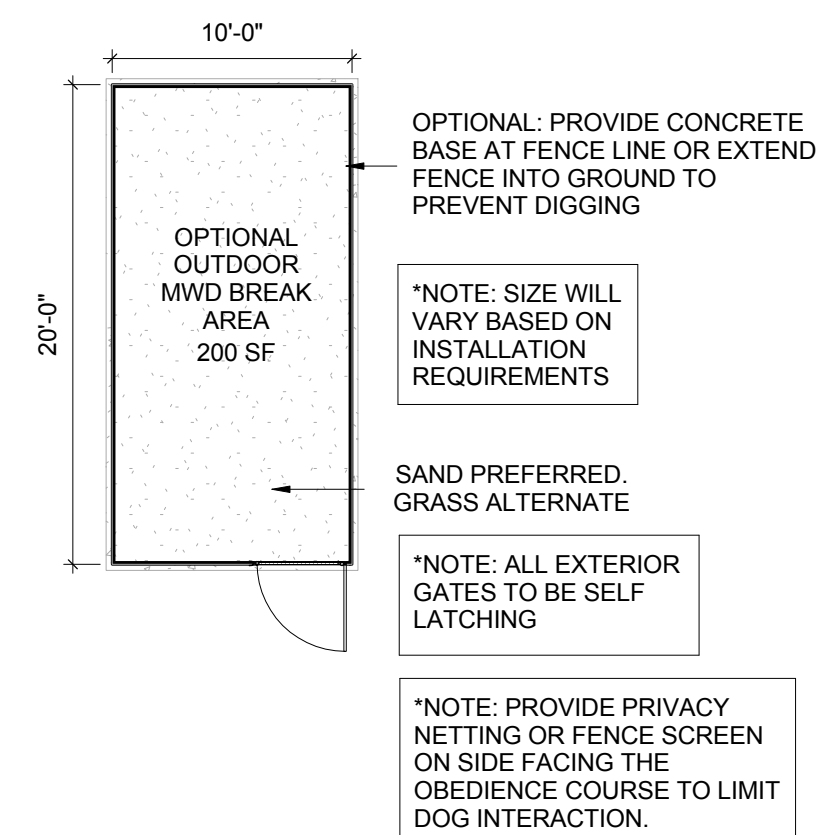
14. OPTIONAL BLEACHERS - PLAN

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



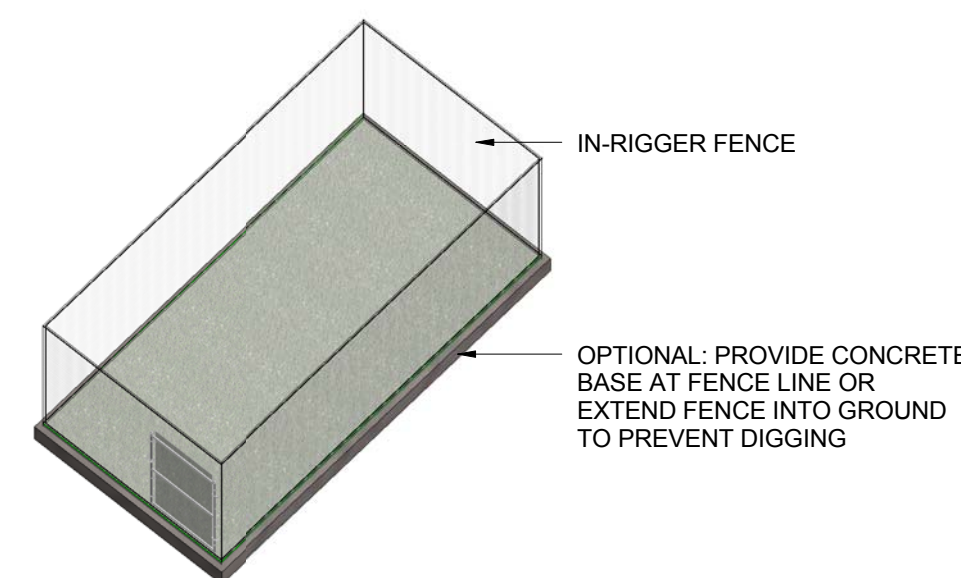
14. OPTIONAL BLEACHERS - 3D VIEW

NOT TO SCALE



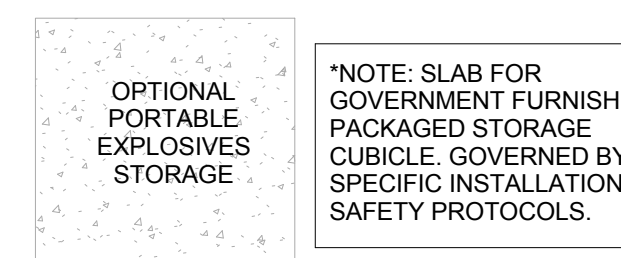
13. OUTDOOR MWD BREAK AREA - PLAN

SCALE: 1/8" = 1'-0"



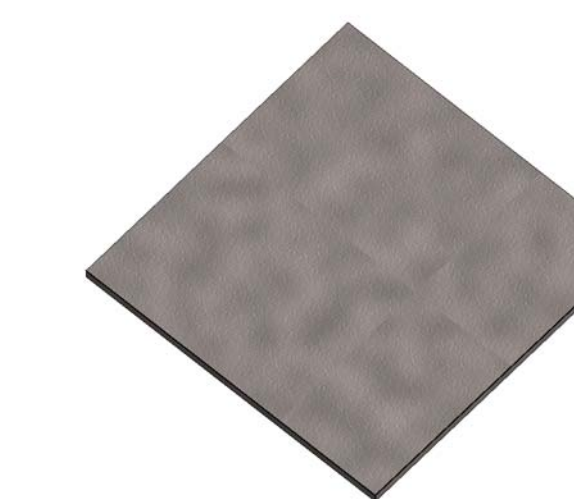
13. OUTDOOR MWD BREAK AREA - 3D VIEW

NOT TO SCALE



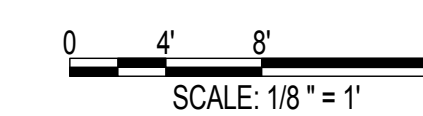
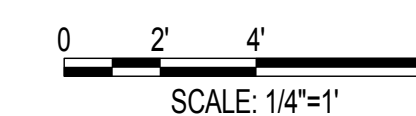
15. OPTIONAL PORTABLE EXPLOSIVES STORAGE - PLAN

SCALE: 1/8" = 1'-0"



15. OPTIONAL PORTABLE EXPLOSIVES STORAGE - 3D VIEW

SCALE:



Jacobs Project No.: FDWD0273

Drawing Title:

- 10. EXTERIOR STORAGE ROOM
- 11. OUTDOOR OBEDIENCE COURSE
- 12. OUTDOOR EXERCISE AREA
- 13. OUTDOOR MWD BREAK AREA
- 14. OPTIONAL BLEACHERS
- 15. OPTIONAL PORTABLE EXPLOSIVES STORAGE

Date: 20 MARCH 2013

Designed By: JN/OF

Drawn By: JN/OF

Checked By:

Drawing No.:

A-105

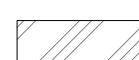
GENERAL NOTES

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, USE DISCRETION AS TO WHICH WALLS NEED TO BE MOVED, ADDED OR REMOVED.
4. IF NO WALL IS PRESENT, THE DESIGN INTENT IS TO LEAVE THAT SPACE OPEN TO ADJACENT SPACES WITHIN THE FACILITY.
5. ALL FURNITURE ITEMS ARE PLACE HOLDERS UNLESS SPECIFICALLY NOTED.
6. LIGHT FIXTURES ARE PLACE HOLDERS. SMOKE DETECTORS AND HVAC DIFFUSERS WILL VARY ON FINAL BUILDING DESIGN.
7. NOTES FOR INDIVIDUAL MODULES SHOULD BE APPLIED TO THE COMBINED MODULES AND FACILITY DESIGNS.

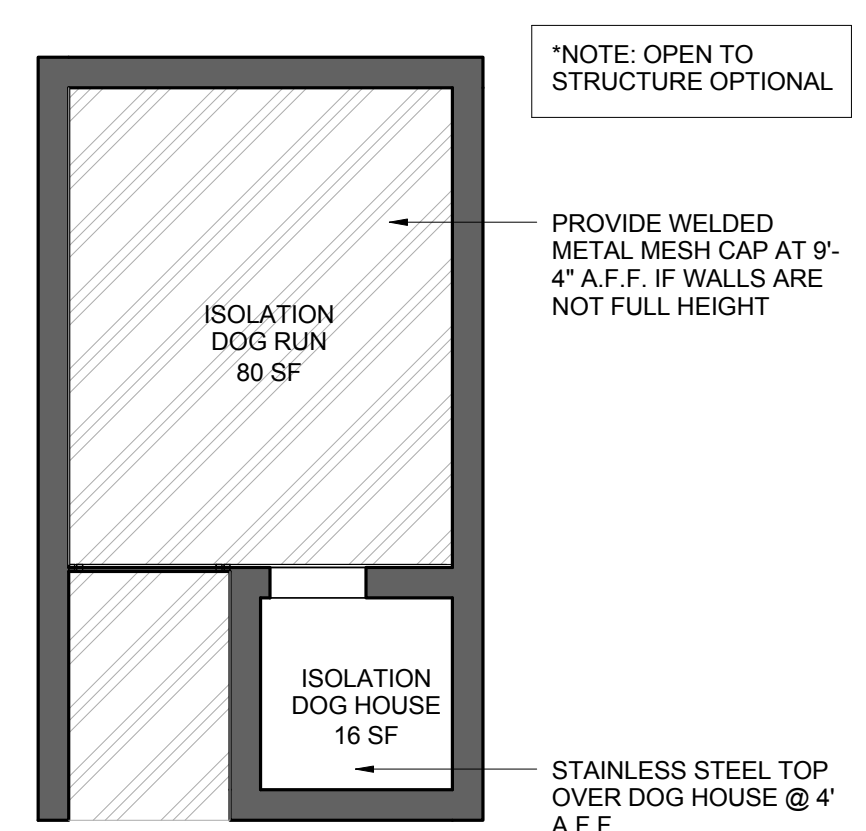
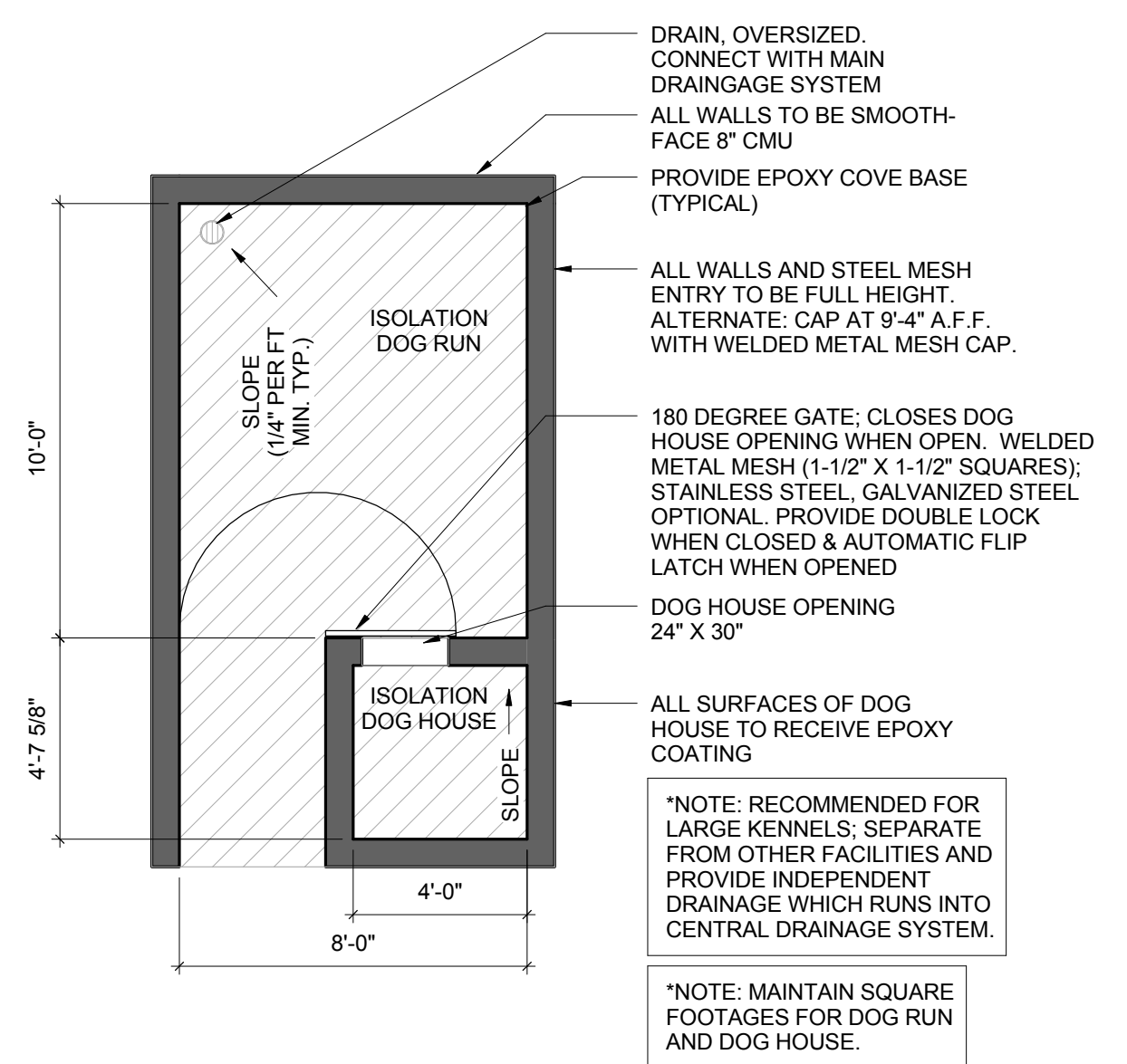
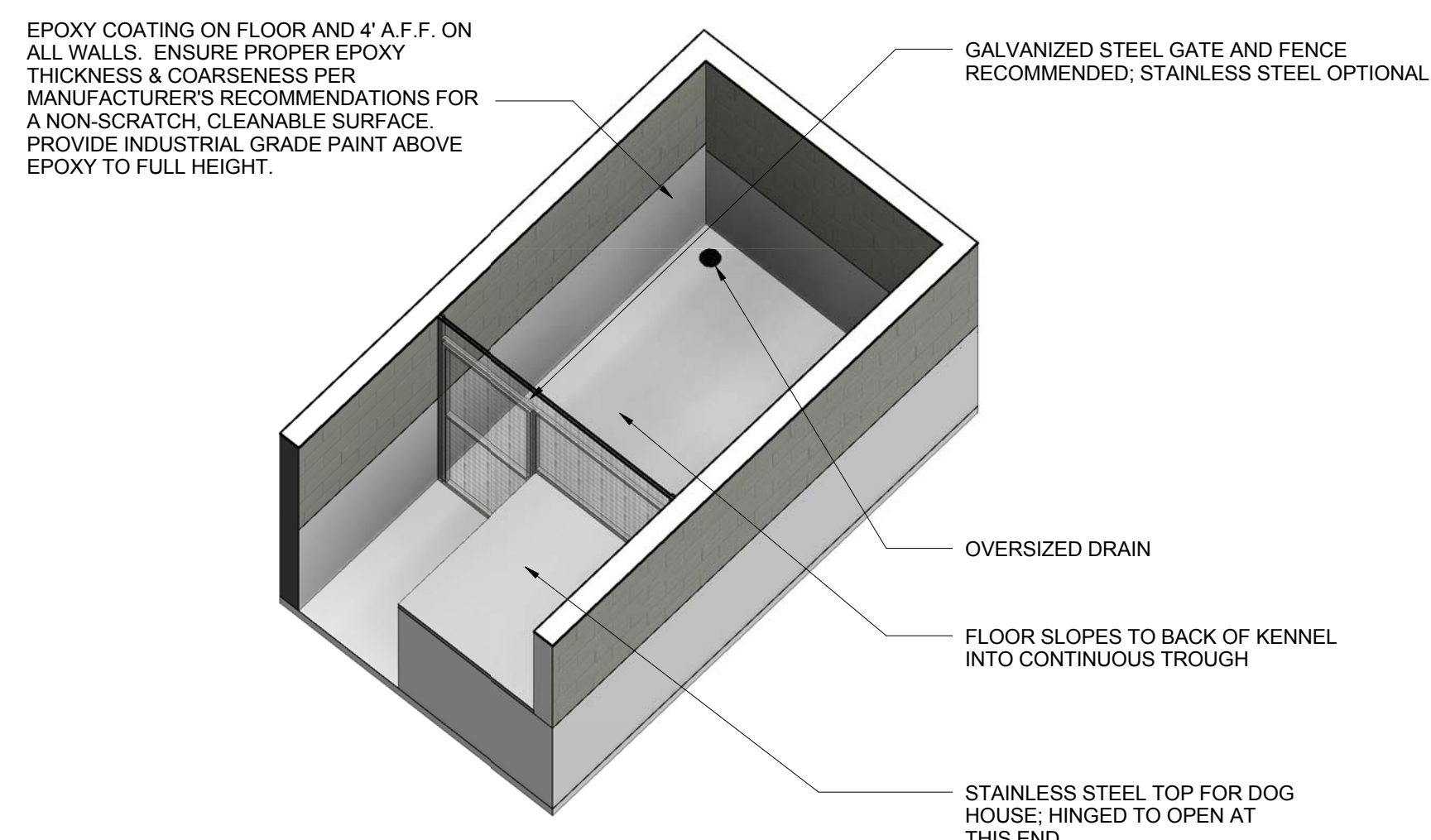
FLOOR FINISH LEGEND

 CONCRETE WITH EPOXY COATING

CEILING LEGEND

 ACOUSTICAL CEILING PANELS OR BAFFLES; REFERENCE APPENDIX OF MWD KENNEL BIM MANUAL FOR SPECIFICATION

 OPEN TO STRUCTURE



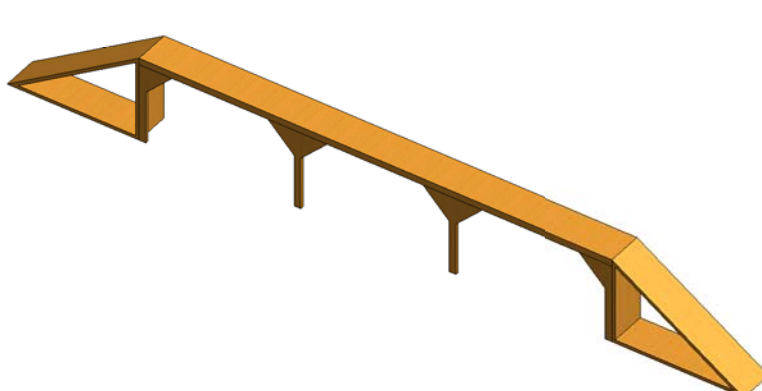
1 16. OPTIONAL ISOLATION DOG RUN - FLOOR PLAN
SCALE: 1/4" = 1'-0"

2 16. OPTIONAL ISOLATION DOG RUN - REFLECTED CEILING PLAN
SCALE: 1/4" = 1'-0"

3 16. OPTIONAL ISOLATION DOG RUN - 3D VIEW
SCALE:



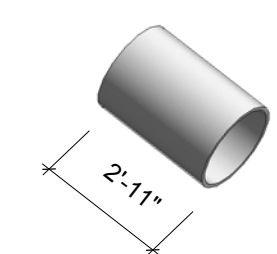
4 17A. OBSTACLE - CONCRETE DOG WALK - 3D VIEW
NOT TO SCALE



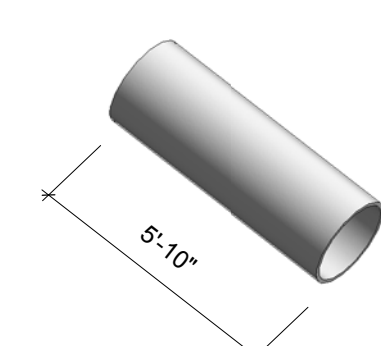
5 17B. OBSTACLE - WOOD DOG WALK - 3D VIEW
NOT TO SCALE



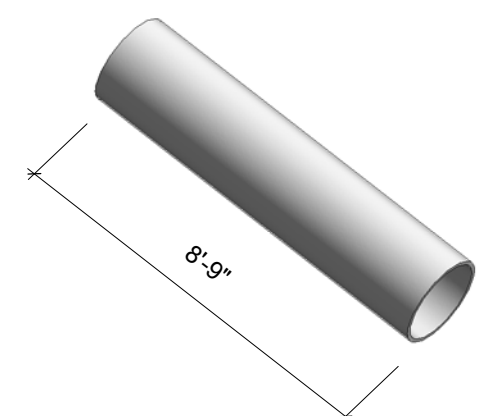
6 17C. OBSTACLE - CONCRETE TUNNEL - 3D VIEW
NOT TO SCALE



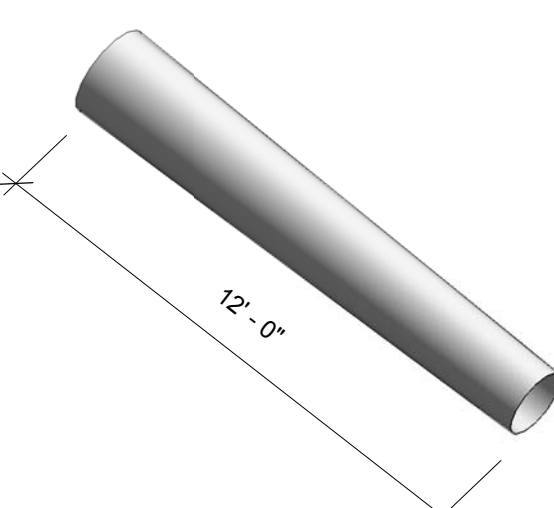
7 17D. OBSTACLE - BARREL NO. 1 - 3D VIEW
NOT TO SCALE



8 17E. OBSTACLE - BARREL NO. 2 - 3D VIEW
NOT TO SCALE



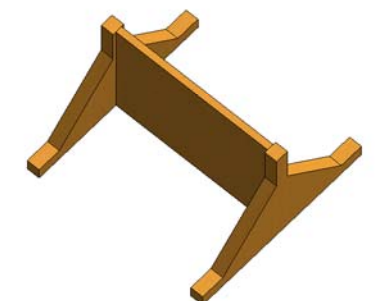
9 17F. OBSTACLE - BARREL NO. 3 - 3D VIEW
SCALE:



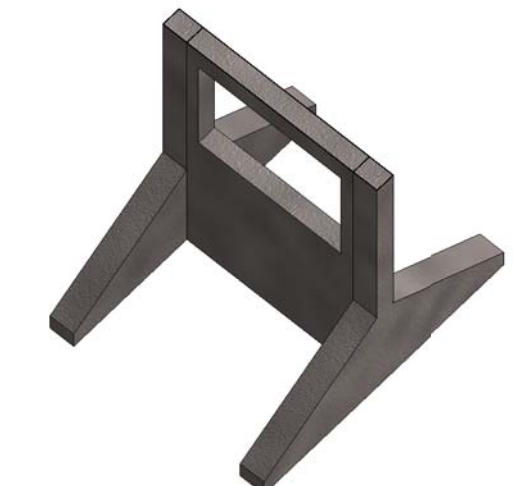
10 17G. OBSTACLE - METAL TUNNEL - 3D VIEW
NOT TO SCALE



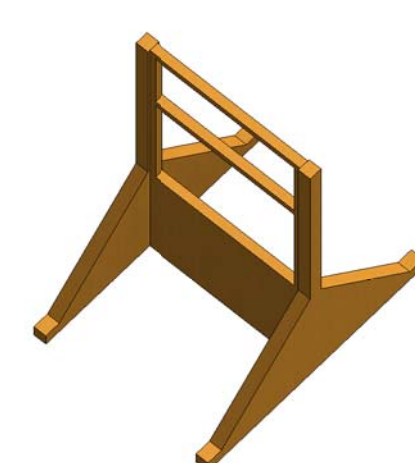
11 17K. OBSTACLE - HURDLES - 3D VIEW
NOT TO SCALE



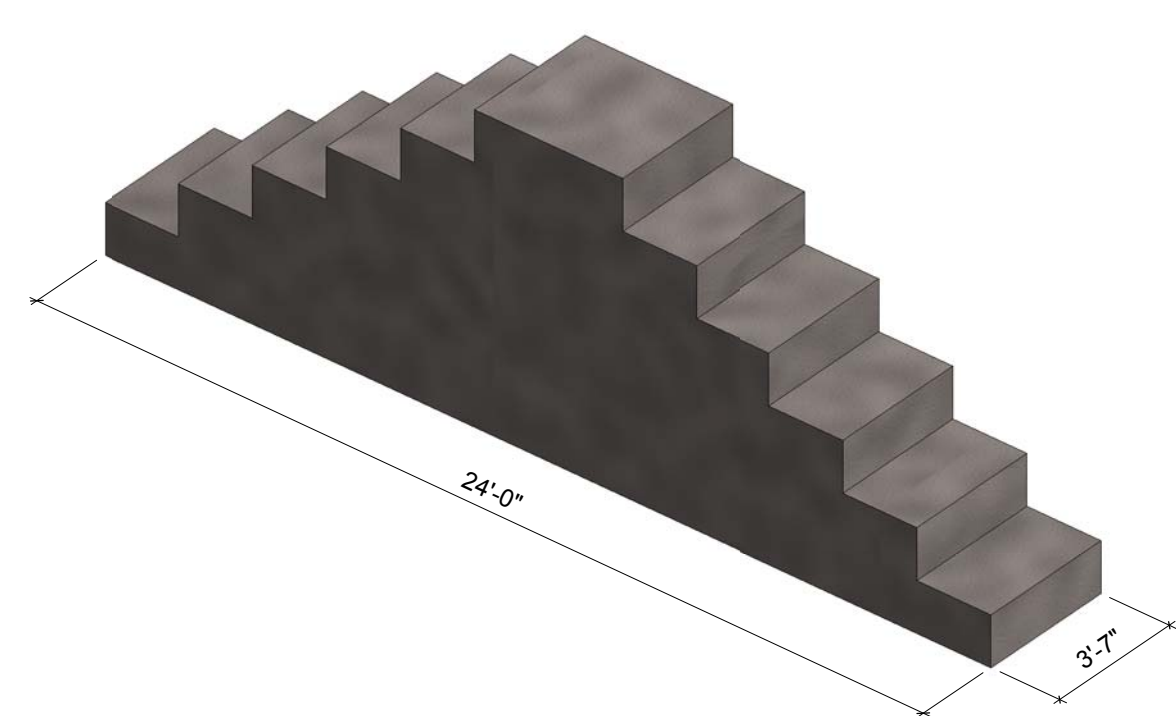
12 17L. OBSTACLE - WOOD JUMPS - 3D VIEW
NOT TO SCALE



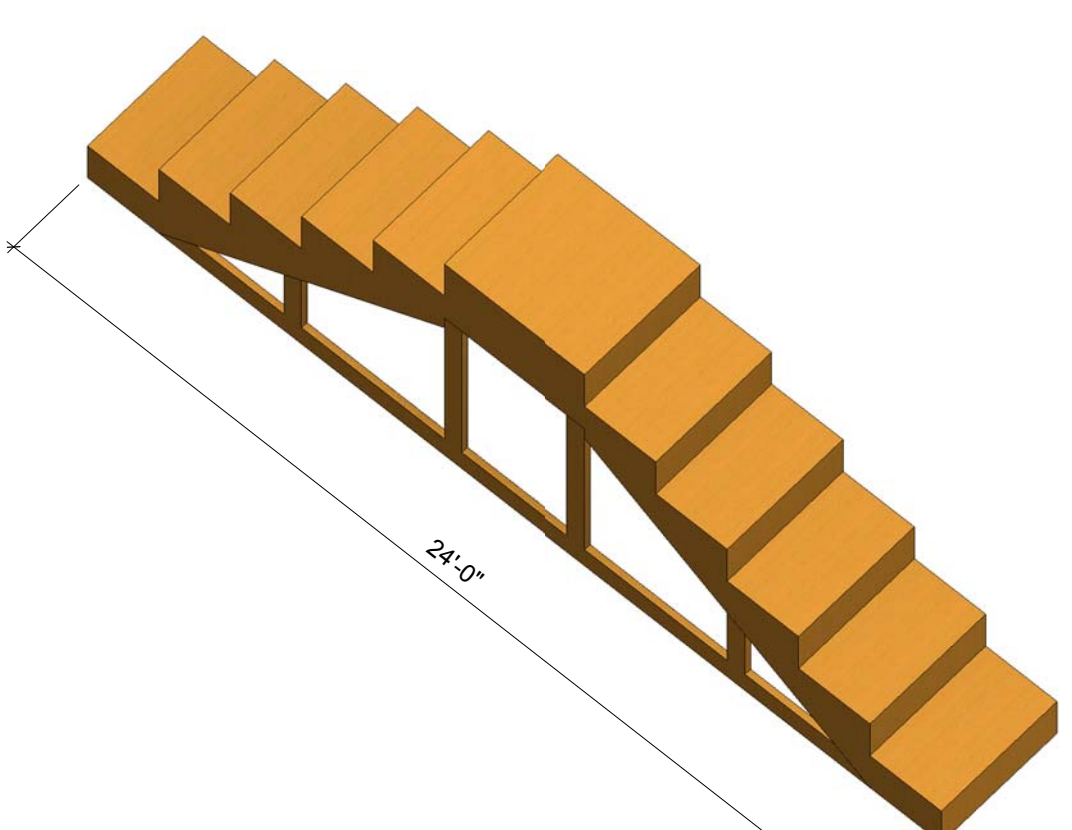
13 17M. OBSTACLE - CONCRETE WINDOW - 3D VIEW
NOT TO SCALE



14 17N. OBSTACLE - WOOD WINDOW - 3D VIEW
NOT TO SCALE



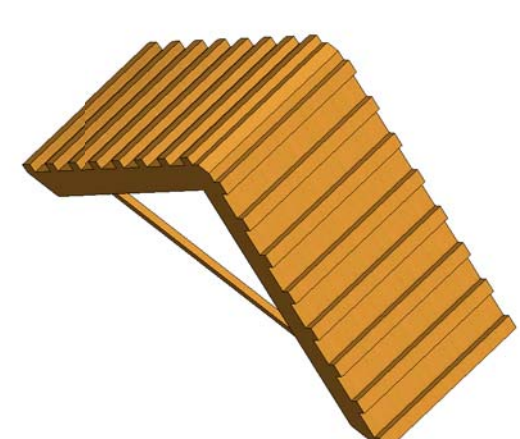
15 17H. OBSTACLE - CONCRETE STAIRS - 3D VIEW
NOT TO SCALE



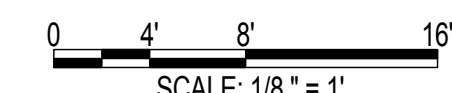
16 17J. OBSTACLE - WOOD STAIRS - 3D VIEW
NOT TO SCALE



17 17P. OBSTACLE - CONCRETE "A" FRAME - 3D VIEW
NOT TO SCALE



18 17Q. OBSTACLE - WOOD "A" FRAME - 3D VIEW
NOT TO SCALE



Jacobs Project No.: FDWD0273

Drawing Title:

- 15. OPTIONAL PORTABLE EXPLOSIVES STORAGE
- 16. OPTIONAL ISOLATION DOG KENNEL
- 17. OBEDIENCE COURSE OBSTACLES

Date: 20 MARCH 2013

Designed By: JN/OF

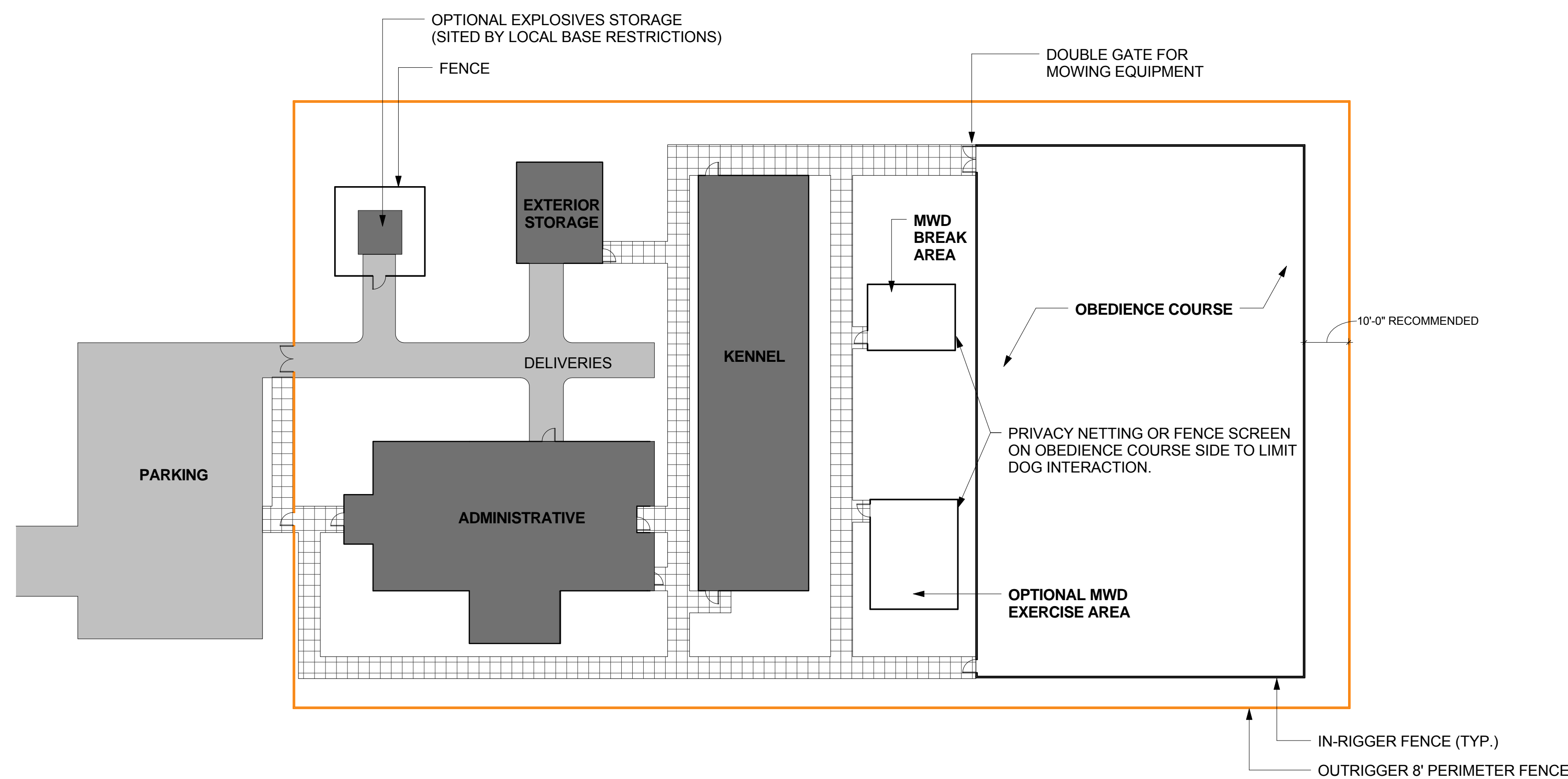
Drawn By: JN/OF

Checked By:

Drawing No.:

A-106

MODULE LEGEND	
	1B. KENNEL
	3. ADMINISTRATIVE
	4. EXAM ROOM
	5. FOOD PREP/ DAILY STORAGE
	6. TACK ROOM
	7. FOOD STORAGE
	8. RESTROOMS/ LOCKER ROOMS
	9. MECHANICAL ROOM/ SUPPORT



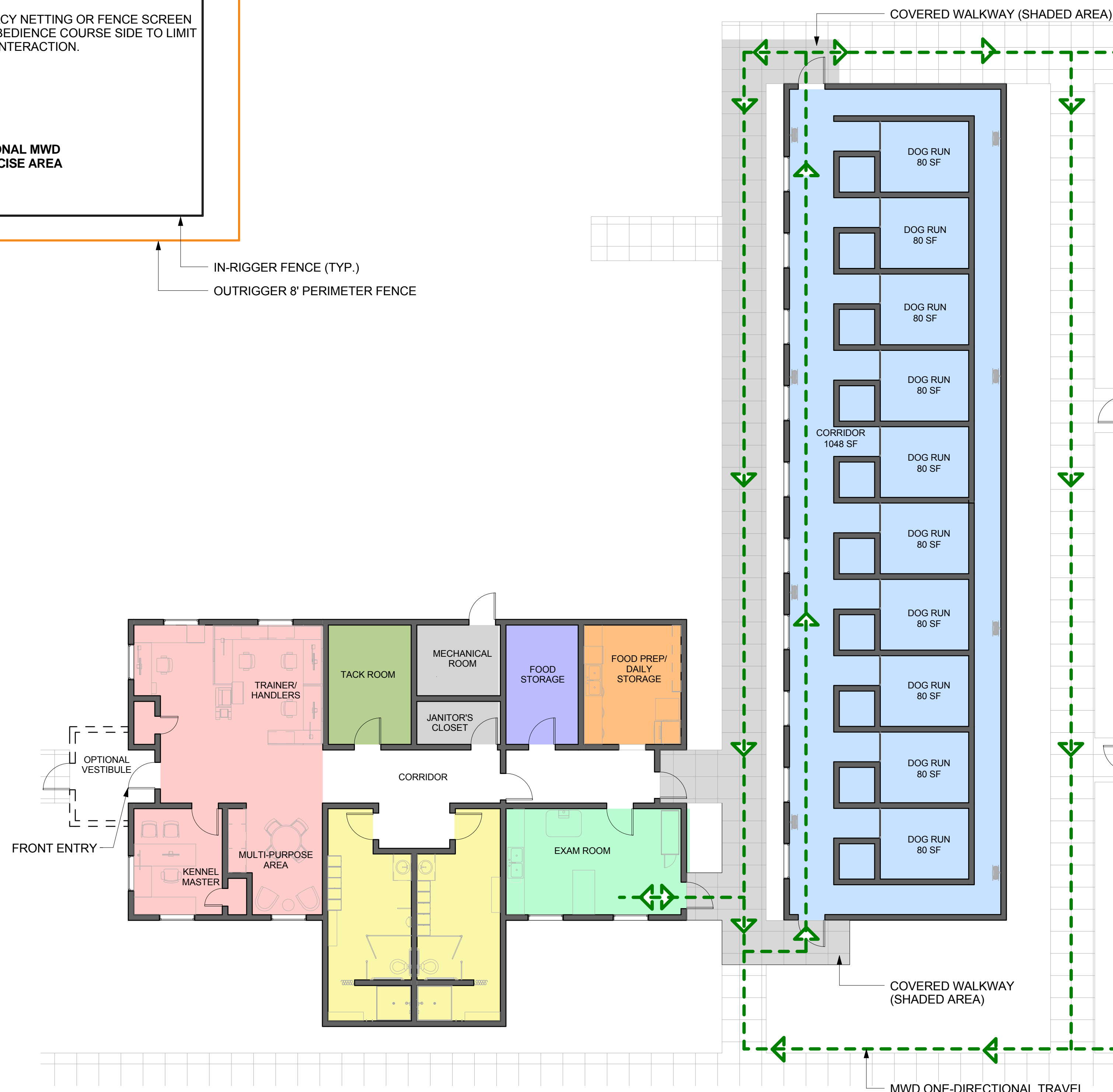
1 BUILDING A - SINGLE-LOADED INDOOR KENNEL SEPARATE BUILDINGS - SITE PLAN
SCALE: 1" = 20'-0"

BUILDING 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. SITE SIZE AND ARRANGEMENT WILL VARY WITH SPECIFIC INSTALLATIONS.
5. IF NO WALL IS PRESENT, IT IS THE DESIGN INTENT TO LEAVE THAT SPACE OPEN TO ADJACENT SPACES WITHIN THE FACILITY.
6. ALL FURNITURE ITEMS ARE PLACE HOLDERS UNLESS SPECIFICALLY NOTED.
7. WHEN DESIGNING HVAC SYSTEM, TEMPERATURES FOR KENNEL PORTION TO BE MEASURED AT 18" - 24" FROM FINISHED FLOOR ELEVATION.

FIRE PROTECTION NOTES

1. THE ADMINISTRATIVE AND KENNEL BUILDING(S) ARE NOT REQUIRED TO BE PROTECTED BY A FIRE SPRINKLER SYSTEM PER UFC 3-600-01 PART 4-2.2.
2. FOR AIR FORCE INSTALLATIONS, PROVIDE A COMPLETE AUTOMATIC FIRE ALARM SYSTEM FOR THE ADMINISTRATIVE AND KENNEL BUILDING(S) WITH THERMAL DETECTORS AND HORN/STROBE NOTIFICATION APPLIANCES SPACED THROUGHOUT THE BUILDING(S) PER NFPA 72, AND MANUAL PULL STATIONS AT EACH EXTERIOR EXIT DOOR AS REQUIRED PER UFC 3-600-01 PART 5-4.1 NOTE 1. FOR ARMY INSTALLATIONS, A COMPLETE AUTOMATIC FIRE ALARM SYSTEM WITH THERMAL HEAT DETECTION AND OCCUPANT NOTIFICATION IS RECOMMENDED BUT NOT REQUIRED.
3. ADMINISTRATIVE AND KENNEL BUILDING(S) THAT HAVE FEWER THAN 11 DoD PERSONNEL, ARE CONSIDERED LOW OCCUPANCY PER UFC 4-010-01, AND ARE NOT REQUIRED TO BE PROVIDED WITH A MASS NOTIFICATION SYSTEM.



2 BUILDING A - SINGLE-LOADED INDOOR KENNEL SEPARATE BUILDINGS - FLOOR PLAN
SCALE: 1/8" = 1'-0"

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

Jacobs Project No.: FDWD0273

Drawing Title:

BUILDING A - SINGLE-LOADED INDOOR KENNEL SEPARATE BUILDINGS

Date: 20 MARCH 2013

Designed By: JN/OF

Drawn By: JN/OF

Checked By:

Drawing No.:

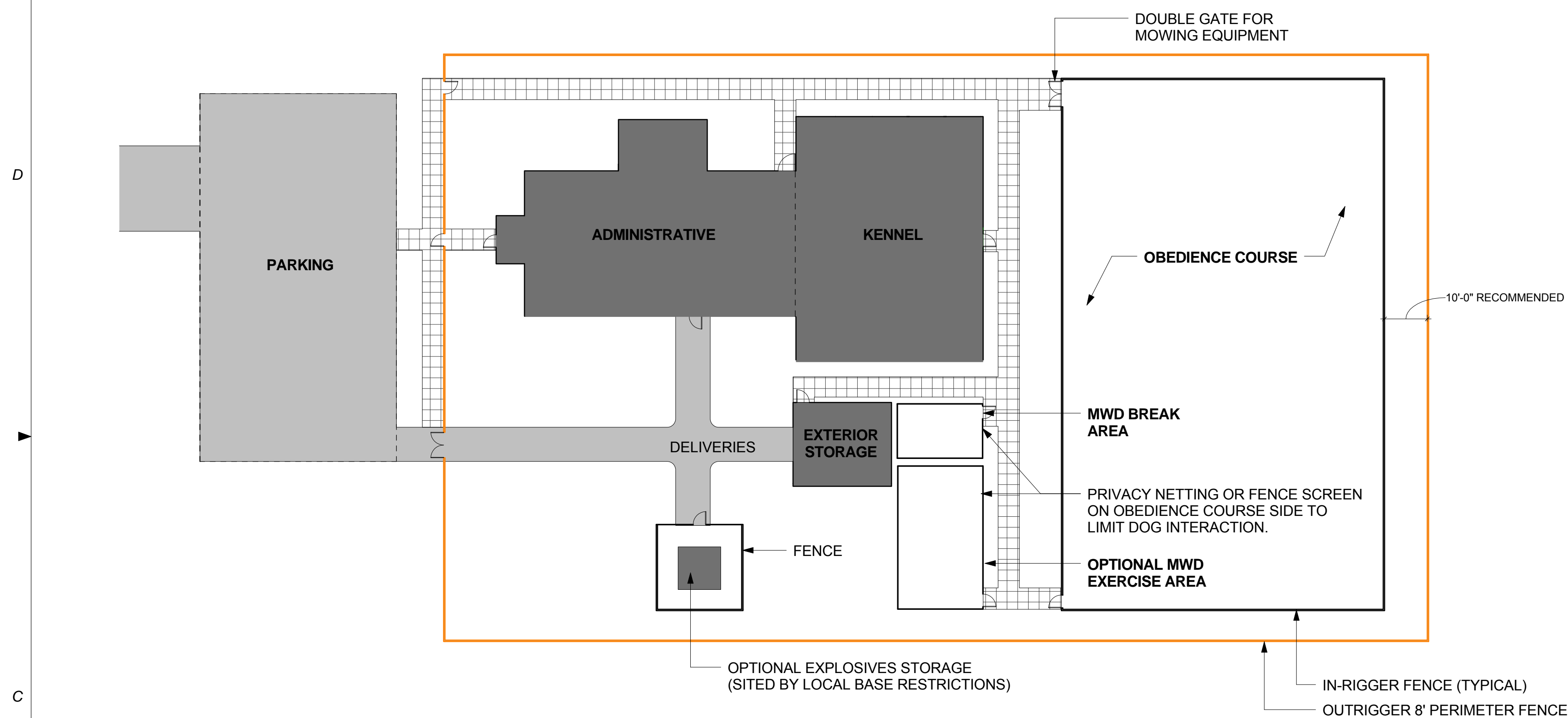
A-201

BUILDING 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. SITE SIZE AND ARRANGEMENT WILL VARY WITH SPECIFIC INSTALLATIONS.
5. IF NO WALL IS PRESENT, IT IS THE DESIGN INTENT TO LEAVE THAT SPACE OPEN TO ADJACENT SPACES WITHIN THE FACILITY.
6. ALL FURNITURE ITEMS ARE PLACE HOLDERS UNLESS SPECIFICALLY NOTED.
7. WHEN DESIGNING HVAC SYSTEM, TEMPERATURES FOR KENNEL PORTION TO BE MEASURED AT 18" - 24" FROM FINISHED FLOOR ELEVATION.

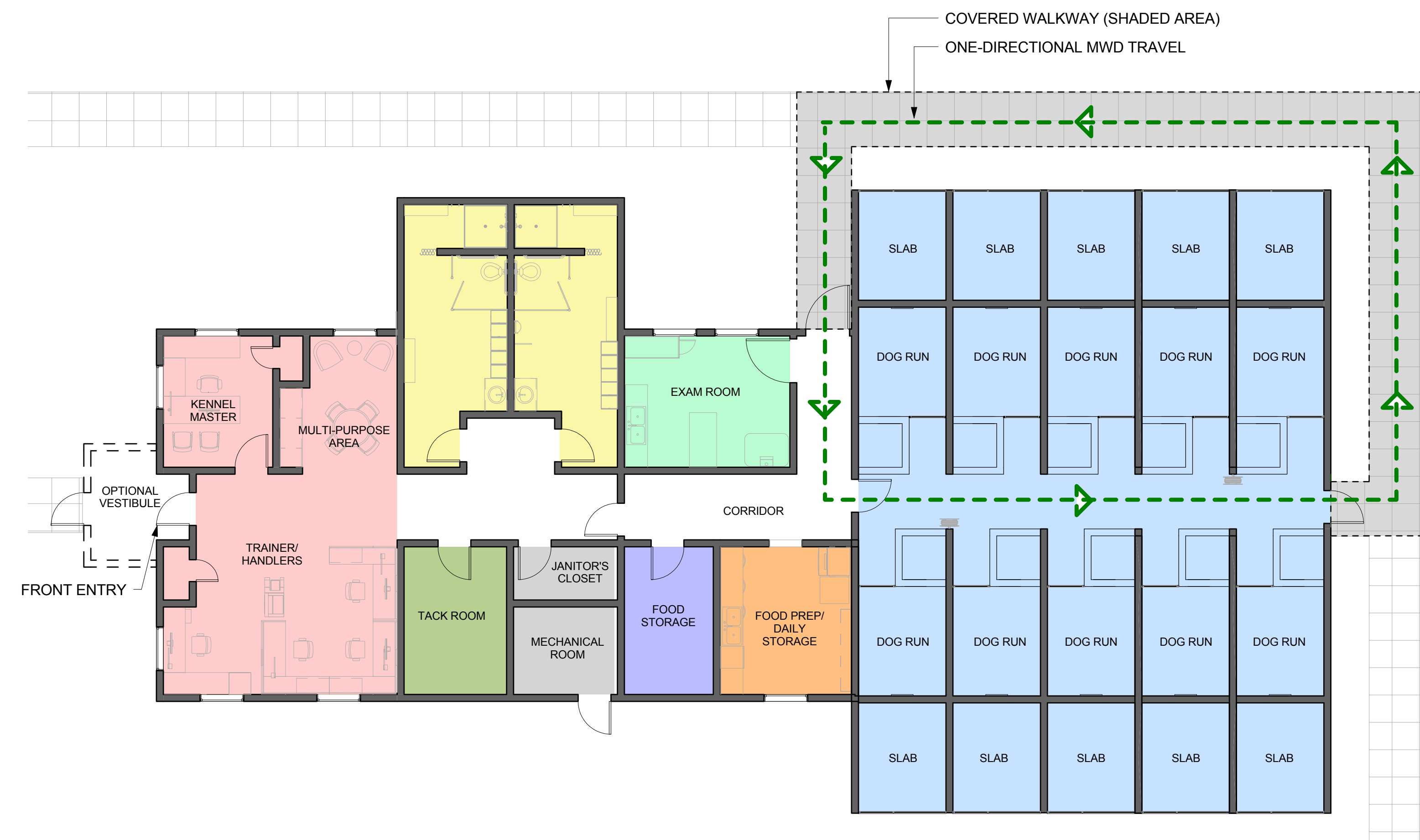
FIRE PROTECTION NOTES

1. THE ADMINISTRATIVE AND KENNEL BUILDING(S) ARE NOT REQUIRED TO BE PROTECTED BY A FIRE SPRINKLER SYSTEM PER UFC 3-600-01 PART 4-2.2.
2. FOR AIR FORCE INSTALLATIONS, PROVIDE A COMPLETE AUTOMATIC FIRE ALARM SYSTEM FOR THE ADMINISTRATIVE AND KENNEL BUILDING(S) WITH THERMAL DETECTORS AND HORN/STROBE NOTIFICATION APPLIANCES SPACED THROUGHOUT THE BUILDING(S) PER NFPA 72, AND MANUAL PULL STATIONS AT EACH EXTERIOR EXIT DOOR AS REQUIRED PER UFC 3-600-01 PART 5-4.1 NOTE 1. FOR ARMY INSTALLATIONS, A COMPLETE AUTOMATIC FIRE ALARM SYSTEM WITH THERMAL HEAT DETECTION AND OCCUPANT NOTIFICATION IS RECOMMENDED BUT NOT REQUIRED.
3. ADMINISTRATIVE AND KENNEL BUILDING(S) THAT HAVE FEWER THAN 11 DoD PERSONNEL, ARE CONSIDERED LOW OCCUPANCY PER UFC 4-010-01, AND ARE NOT REQUIRED TO BE PROVIDED WITH A MASS NOTIFICATION SYSTEM.



1 BUILDING B - INDOOR/OUTDOOR KENNEL SINGLE BUILDING - SITE PLAN
SCALE: 1" = 20'-0"

MODULE LEGEND	
	2C. KENNEL
	3. ADMINISTRATIVE
	4. EXAM ROOM
	5. FOOD PREP/ DAILY STORAGE
	6. TACK ROOM
	7. FOOD STORAGE
	8. RESTROOMS/ LOCKER ROOMS
	9. MECHANICAL ROOM/ SUPPORT



2 BUILDING B - INDOOR/OUTDOOR KENNEL SINGLE BUILDING - FLOOR PLAN
SCALE: 1/8" = 1'-0"

Jacobs Project No.: FDWD0273

Drawing Title:

**BUILDING B -
DOUBLE-LOADED
INDOOR/OUTDOOR
KENNEL SINGLE
BUILDING**

Date: 20 MARCH 2013

Designed By: JN/OF

Drawn By: JN/OF


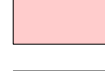
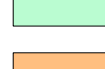


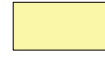
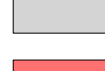


Checked By:

Drawing No.:

A-202

1 2 3 4 5

SCALE(S) AS NOTED ON THIS SHEET ARE BASED ON A FULL 36"x24" SIZE SHEET

MODULE LEGEND	
	2C. KENNEL
	3. ADMINISTRATIVE
	4. EXAM ROOM
	5. FOOD PREP/ DAILY STORAGE
	6. TACK ROOM
	7. FOOD STORAGE
	8. RESTROOMS/ LOCKER ROOMS
	9. MECHANICAL ROOM
	10. OPTIONAL ISOLATION DOG RUN

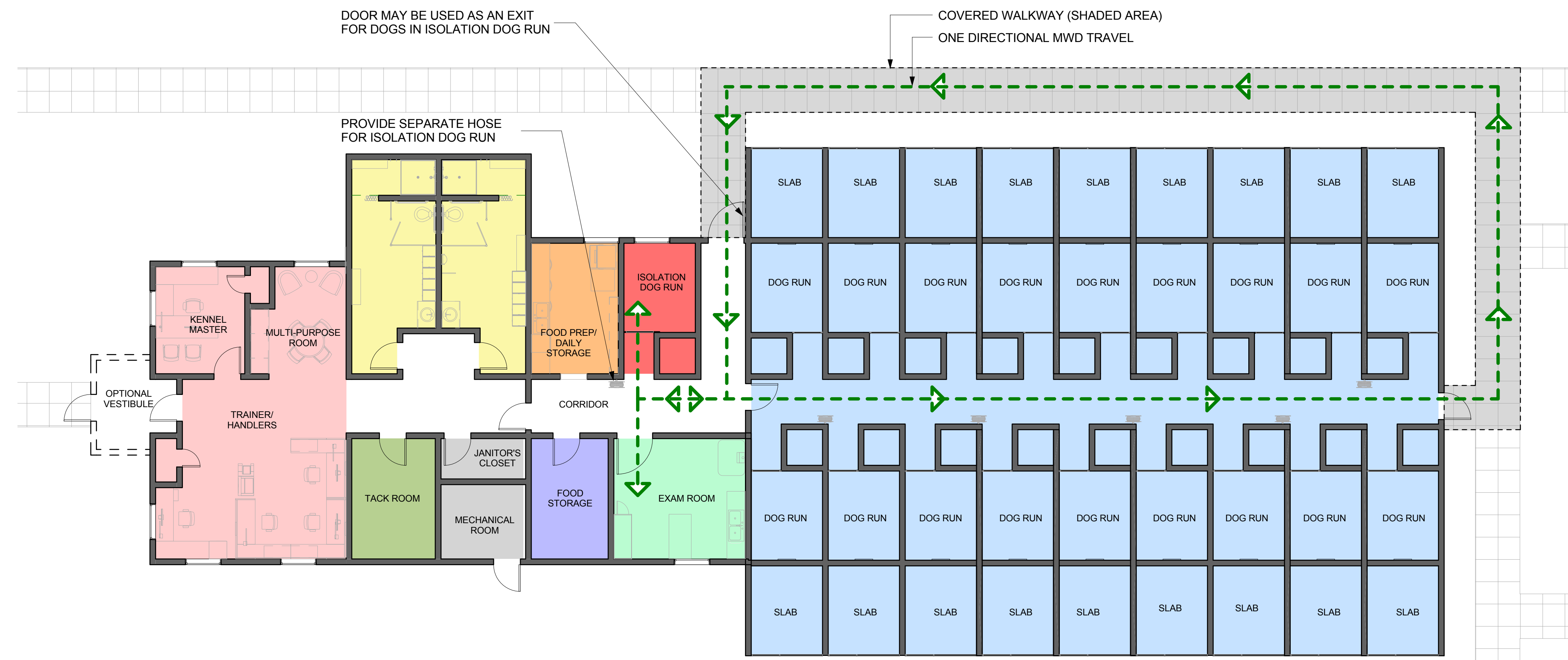
BUILDING NOTES

- EVERY WALL IS GENERIC UNLESS SPECIFICALLY NOTED.
- EVERY WALL IS A PLACE HOLDER.
- AS THE MODULES ARE COMBINED TO CREATE A FACILITY, DISCRETION SHOULD BE USED AS TO WHICH WALLS NEED TO BE MOVED, ADDED OR REMOVED.
- SITE SIZE AND ARRANGEMENT WILL VARY WITH SPECIFIC INSTALLATIONS.
- IF NO WALL IS PRESENT, IT IS THE DESIGN INTENT TO LEAVE THAT SPACE OPEN TO ADJACENT SPACES WITHIN THE FACILITY.
- ALL FURNITURE ITEMS ARE PLACE HOLDERS UNLESS SPECIFICALLY NOTED.
- WHEN DESIGNING HVAC SYSTEM, TEMPERATURES FOR KENNEL PORTION TO BE MEASURED AT 18" - 24" FROM FINISHED FLOOR.

FIRE PROTECTION NOTES

- THE ADMINISTRATIVE AND KENNEL BUILDING(S) ARE NOT REQUIRED TO BE PROTECTED BY A FIRE SPRINKLER SYSTEM PER UFC 3-600-01 PART 4-2.2.
- FOR AIR FORCE INSTALLATIONS, PROVIDE A COMPLETE AUTOMATIC FIRE ALARM SYSTEM FOR THE ADMINISTRATIVE AND KENNEL BUILDING(S) WITH THERMAL DETECTORS AND HORN/STROBE NOTIFICATION APPLIANCES SPACED THROUGHOUT THE BUILDING(S) PER NFPA 72, AND MANUAL PULL STATIONS AT EACH EXTERIOR EXIT DOOR AS REQUIRED PER UFC 3-600-01 PART 5-4.1 NOTE 1. FOR ARMY INSTALLATIONS, A COMPLETE AUTOMATIC FIRE ALARM SYSTEM WITH THERMAL HEAT DETECTION AND OCCUPANT NOTIFICATION IS RECOMMENDED BUT NOT REQUIRED.
- ADMINISTRATIVE AND KENNEL BUILDING(S) THAT HAVE FEWER THAN 11 DoD PERSONNEL, ARE CONSIDERED LOW OCCUPANCY PER UFC 4-010-01, AND ARE NOT REQUIRED TO BE PROVIDED WITH A MASS NOTIFICATION SYSTEM.

**AIR FORCE CIVIL ENGINEER CENTER (AFCEC)
FACILITIES DYNAMIC PROTOTYPES:
MILITARY WORKING DOG KENNEL BIM DESIGN**



1 BUILDING B.1 - DOUBLE-LOADED INDOOR/OUTDOOR KENNEL WITH OPTIONAL ISOLATION DOG KENNEL
SCALE: 1/8" = 1'-0"

Jacobs Project No.: FDWD0273
Drawing Title:

**BUILDING B.1 -
DOUBLE-LOADED
INDOOR/OUTDOOR
KENNEL WITH
OPTIONAL
ISOLATION DOG
KENNEL**

Date: 20 MARCH 2013
Designed By: JN/OF
Drawn By: JN/OF
Checked By: **A-203**

NOT FOR
CONSTRUCTION

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

AIR FORCE CIVIL ENGINEER CENTER (AFCEC)
FACILITIES DYNAMIC PROTOTYPES:
MILITARY WORKING DOG KENNEL BIM DESIGN



1 RENDERING 1 - DOUBLE LOADED KENNEL
SCALE: 3" = 1'-0"



2 RENDERING 2 - INDOOR DOG RUN
SCALE: 3" = 1'-0"



3 RENDERING 3 - ADMINISTRATIVE AREA
SCALE: 3" = 1'-0"



4 RENDERING 4 - ADMINISTRATIVE AREA
SCALE: 3" = 1'-0"

Jacobs Project No.: FDWD0273

Drawing Title:

RENDERINGS

Date: 20 MARCH 2013

Designed By: JN/OF

Drawn By: JN/OF

Checked By:

Drawing No.:

A-301