EVERY WALL IS A PLACE HOLDER.

NOTES FOR INDIVIDUAL MODULES SHOULD BE APPLIED TO THE IF NO WALL IS PRESENT, THE DESIGN INTENT IS TO LEAVE THAT SPACE AS THE MODULES ARE COMBINED TO CREATE A FACILITY, USE LIGHT FIXTURES ARE PLACE HOLDERS. SMOKE DETECTORS AND 3'-0"

SCALE(S) AS NOTED ON THIS SHEET ARE BASED ON A FULL 36"X24" SIZE SHEET DRAIN, OVERSIZED.; SPACING AS REQUIRED

EPOXY COATING ON FLOOR AND 4' A.F.F. ON ALL WALLS. ENSURE PROPER EPOXY THICKNESS & COARSENESS PER A-101

8" CMU

PROVIDE INDUSTRIAL GRADE PAINT ABOVE STEEL COVER OPTIONAL

EPOXY TO FULL HEIGHT.

UTILITY BACK WALL OPTION: WELDED METAL MESH W/ 2" CONTINUOUS UTILITY CHASE

1'-2"

CONSTRUCTION

3'-7 5/8"

DRAINAGE

SELF LATCHING ENTRY GATE.

*NOTE: OPEN TO DOG RUN

PROVIDE WELDED DOG RUN

80 SF

STAINLESS STEEL TOP FOR DOG HOUSE; HINGED TO OPEN AT THIS END

4'-0"

HOUSE TO RECEIVE EPOXY SLOPES TO BACK OF KENNEL INTO CONTINUOUS TROUGH

16 SF

STAINLESS STEEL TOP OVER DOG HOUSE (TYP.)

4" A.F.F. IF WALLS ARE 180 DEGREE GATE; CLOSES DOG

EXPANSION

METAL MESH (1-1/2" X 1-1/2" SQUARES); STAINLESS STEEL, GALVANIZED STEEL

16 SF

EPOXY COVE BASE OPTIONAL HINGED STEEL THROUGH COVER & GRATE

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*NOTE: MAINTAIN SQUARE FOOTAGES FOR DOG RUN AND DOG HOUSE.

4" A.F.F. IF WALLS ARE OPEN TO ADJACENT SPACES WITHIN THE FACILITY.

*NOTE: OPEN TO STRUCTURE IN DISCRETION AS TO WHICH WALLS NEED TO BE MOVED, ADDED OR REMOVED. DOG RUNS MAY BE TIGHTENED, OR ADJUSTED, TO ADAPT TO CURRENT SPACE REQUIREMENTS. IF STRUCTURE IS EXPANDING, DOG RUNS WILL NEED TO BE ADJUSTED TO ADAPT TO THE EXPANSION OF THE STRUCTURE.

HVAC DIFFUSERS WILL VARY ON FINAL BUILDING DESIGN.

CORRIDOR 321 SF

ACOUSTICAL CEILING PANELS OR EXPOSED PLUMBING LINES; REFERENCE APPENDIX OF MILITARY WORKING DOG KENNEL BIM DESIGN SPECIFICATION

DATE: 20 MARCH 2013

JACOBS PROJECT NO.: E9600070

DRAWING TITLE: MILITARY WORKING DOG KENNEL BIM DESIGN

A-101
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 TIE
- Lay-in 2' x 4' Light Fixture

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

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

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

6. EXAM / TREATMENT ROOM - REFLECTED CEILING PLAN
Scale: 1/8" = 1'-0"

7. EXAM / TREATMENT ROOM - REFLECTED CEILING PLAN
NOT TO SCALE

8. EXAM / TREATMENT ROOM - 3D VIEW
Scale: 1/8" = 1'-0"

9. FOOD PREP / DAILY STORAGE - REFLECTED CEILING PLAN
NOT TO SCALE

10. FOOD PREP / DAILY 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
- SEAL-CONCRETE
- VCT TILE
- CERAMIC TILE

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

NOT FOR CONSTRUCTION

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

JACOBS PROJECT NO.: 01166673
DRAWN BY: 01166673
CHECKED BY: 01166673

DESIGNED BY: 01166673
DRAWN BY: 01166673
CHECKED BY: 01166673

STORAGE
1. TACK ROOM - FLOOR PLAN
2. TACK ROOM - REFLECTED CEILING PLAN
3. TACK ROOM - 3D VIEW
4. FOOD STORAGE - FLOOR PLAN
5. FOOD STORAGE - REFLECTED CEILING PLAN
6. FOOD STORAGE - 3D VIEW
7. RESTROOMS/LOCKER ROOMS - FLOOR PLAN
8. RESTROOMS/LOCKER ROOMS - REFLECTED CEILING PLAN
9. RESTROOMS/LOCKER ROOMS - 3D VIEW
10. MECHANICAL ROOM - FLOOR PLAN
11. MECHANICAL ROOM - REFLECTED CEILING PLAN
12. MECHANICAL ROOM - 3D VIEW
13. OPTIONAL EXTERIOR STORAGE - FLOOR PLAN
14. OPTIONAL EXTERIOR STORAGE - REFLECTED CEILING PLAN
15. OPTIONAL EXTERIOR STORAGE - 3D VIEW
GENERAL NOTES

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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.
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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.

11250 SF OBEDIENCE COURSE

*NOTE: MAINTAIN MINIMUM 11,250 SQ. FT.; OBSTACLES TO BE SPACED 15’ - 20’ APART

GRASS PREFERRED.
SAND ALTERNATE

OBSTACLES

IN-RIGGER FENCE

800 SF OPTIONAL OUTDOOR EXERCISE AREA

GRASS PREFERRED.
SAND ALTERNATE

OPTIONAL: PROVIDE CONCRETE BASE AT FENCE LINE OR EXTEND FENCE INTO GROUND TO PREVENT DIGGING

*NOTE: SIZE WILL VARY BASED ON INSTALLATION REQUIREMENTS

*NOTE: ALL EXTERIOR GATES TO BE SELF-LATCHING

*NOTE: PROVIDE PRIVACY NETTING OR FENCE SCREEN ON SIDE FACING THE OBEDIENCE COURSE TO LIMIT DOG INTERACTION.

IN-RIGGER FENCE

200 SF OPTIONAL OUTDOOR MWD BREAK AREA

SAND PREFERRED.
GRASS ALTERNATE

OPTIONAL: PROVIDE CONCRETE BASE AT FENCE LINE OR EXTEND FENCE INTO GROUND TO PREVENT DIGGING

*NOTE: SIZE WILL VARY BASED ON INSTALLATION REQUIREMENTS

*NOTE: ALL EXTERIOR GATES TO BE SELF-LATCHING

*NOTE: PROVIDE PRIVACY NETTING OR FENCE SCREEN ON SIDE FACING THE OBEDIENCE COURSE TO LIMIT DOG INTERACTION.

IN-RIGGER FENCE

*NOTE: BLEACHERS ARE OPTIONAL; SIZE OF BLEACHERS WILL VARY PER INSTALLATION

OPTIONAL PORTABLE EXPLOSIVES STORAGE

*NOTE: SLAB FOR GOVERNMENT FURNISHED PACKAGED STORAGE CUBICLE. GOVERNED BY SPECIFIC INSTALLATION SAFETY PROTOCOLS.

NOT FOR CONSTRUCTION

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AIR FORCE CIVIL ENGINEER CENTER (AFCEC) FACILITIES DYNAMIC PROTOTYPES

MILITARY WORKING DOG KENNEL BIM DESIGN
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 BAFLES; REFERENCE APPENDIX OF MWD KENNEL BIM MANUAL FOR SPECIFICATION
- OPEN TO STRUCTURE

SCALE(S) AS NOTED ON THIS SHEET ARE BASED ON A FULL 36" X 24" SIZE SHEET

MILITARY WORKING DOG KENNEL BIM DESIGN

Air Force Civil Engineer Center (AFCEC) Facilities Dynamic Prototypes

Jacobs Project No.: FDWD0273

Drawing Title: 911 Central Parkway N., Suite 425 San Antonio, TX 78323

JN/OF

Drawing No.: A-106

Designed By:

Drawn By:

Checked By:

Date: 20 MARCH 2013

501 North Broadway, St. Louis, Missouri 63102-2121

NORTHWEST DESIGN
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 PLANNED TO SEPARATE SPACES WITHIN THE FACILITY, IT IS THE DESIGN INTENT TO LEAVE THOSE AREAS OPEN TO ADJACENT SPACES.
6. ALL KITCHEN 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.

FIRE PROTECTION NOTES

1. THE ADMINISTRATIVE AND KENNEL BUILDINGS 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 BUILDINGS WITH THERMAL DETECTORS AND HORN/STROBE NOTIFICATION APPLIANCES SPACED THROUGHOUT THE BUILDING(S). PROVIDE ONE COMPLETE AUTOMATIC FIRE ALARM SYSTEM 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 BUILDINGS 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.

MILITARY WORKING DOG KENNEL BIM DESIGN

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

SCALE(S) AS NOTED ON THIS SHEET ARE BASED ON A FULL 36"X24" SIZE SHEET
BUILDING NOTES

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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 BUILDINGS 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 BUILDINGS WITH THERMAL DETECTORS AND HORN/STROBE NOTIFICATION APPLIANCES SPACED THROUGHOUT THE BUILDINGS PER NFPA 72, AND MANUAL PULL STATIONS AT EACH EXTERIOR EXIT DOOR AS REQUIRED PER UFC 3-600-01 PART 5-4.1.
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.

MODULE LEGEND

1. 2C. KENNEL
2. 3. ADMINISTRATIVE
3. 4. EXAM ROOM
4. 5. FOOD PREP/DAILY STORAGE
5. 6. TACK ROOM
6. 7. FOOD STORAGE
7. 8. RESTROOMS/ LOCKER ROOMS
8. 9. MECHANICAL ROOM
9. 10. OPTIONAL ISOLATION DOG RUN

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

SCALE(S) AS NOTED ON THIS SHEET ARE BASED ON A FULL 36"X24" SIZE SHEET A-203

DRAWN BY: Checked By:

JDW/DW

20 MARCH 2013

Drawing Title:

Air Force Civil Engineers Center (AFCEC) Facilities Dynamic Prototypes: Military Working Dog Kennel BIM Design

FDWD0273

Designed By:

Jacobs Project No.:

911 Central Parkway N., Suite 425 San Antonio, TX 78323

501 North Broadway, St. Louis, Missouri 63102-2121

MILITARY WORKING DOG KENNEL BIM DESIGN
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"

SCALES AS NOTED ON THIS SHEET ARE BASED ON A FULL 36"x24" SIZE SHEET.