

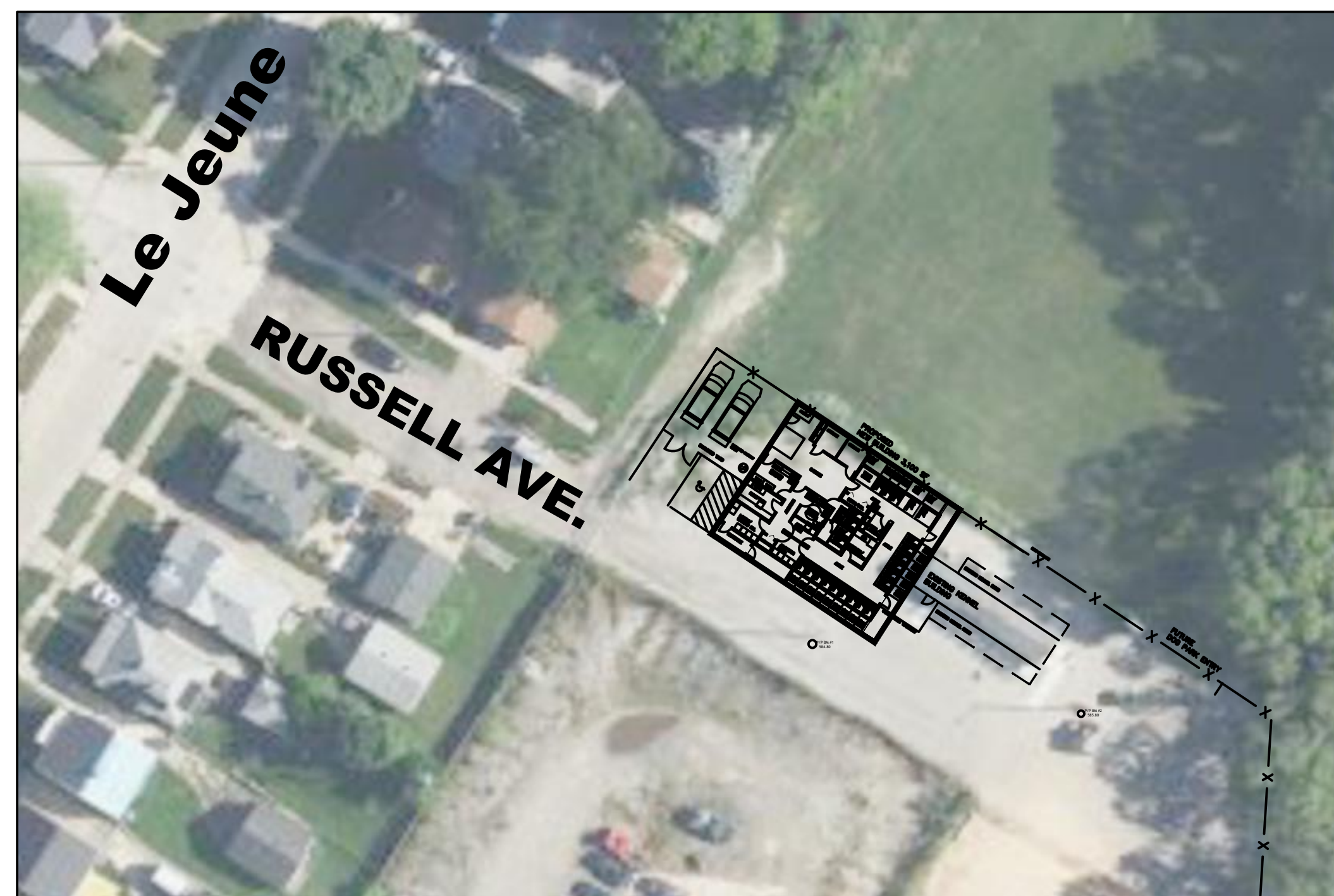
CITY OF LINCOLN PARK

PROPOSED ANIMAL SHELTER

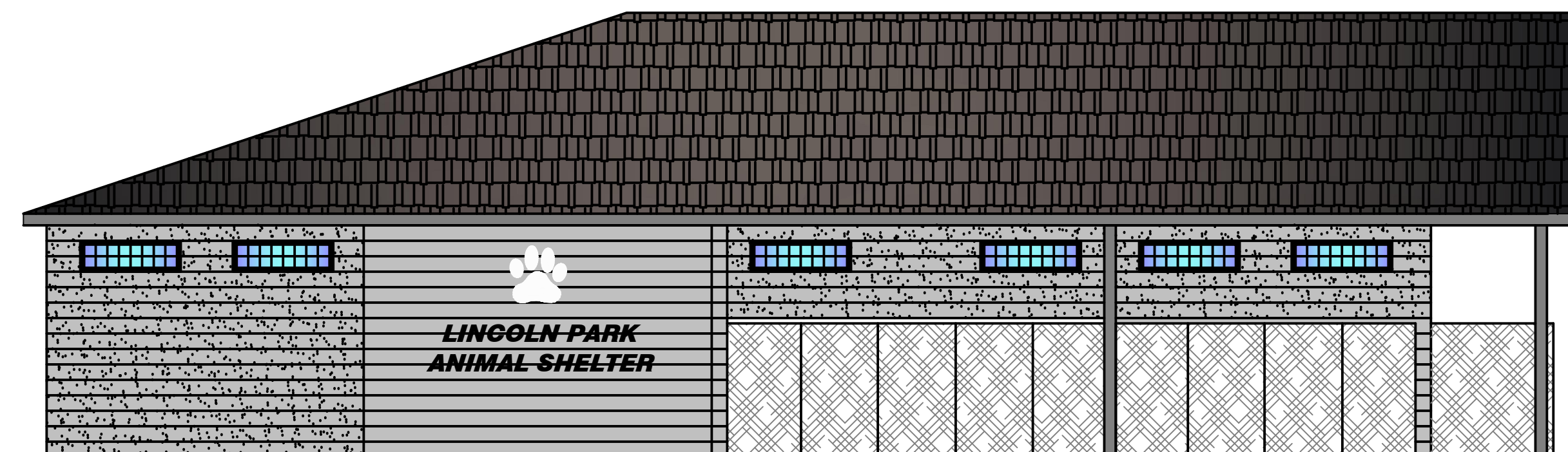
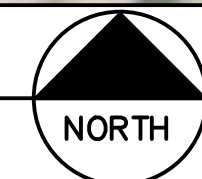
SHEET INDEX	
DWG. NO.	DRAWING DESCRIPTION
TITLE	NOTES AND LEGEND SHEET
C1	SITE PLAN
A1	FOUNDATION AND FLOOR PLAN
A2	PLANS AND ELEVATIONS
A3	SCHEDULES AND DETAILS
M/E/P	M/E/P DESIGN BUILD



WAYNE COUNTY, MICHIGAN LOCATION MAP



LOCATION MAP:



FRONT ELEVATION:

CITY OF LINCOLN PARK

Thomas E. Karnes
 Carlos Salcido
 Michael Higgins
 Lylia Ross
 Maureen Tobin
 Tracy Duprey
 Larry Kelsey
 Kerry Kehrer
 John Kozuh

Mayor
 Council President
 Councilman
 Councilwoman
 Councilwoman
 Councilwoman
 Councilman
 City Clerk
 DPS Director

CODE SUMMARY:

REFERENCE CODE:
 BUILDING: 2015 MICHIGAN BUILDING CODE
 MECHANICAL: 2015 MICHIGAN MECHANICAL CODE
 PLUMBING: 2015 MICHIGAN PLUMBING CODE
 ELECTRICAL: 2017 MICHIGAN ELECTRICAL CODE
 MICHIGAN BARRIER FREE CODE AND MICHIGAN UNIFORM ENERGY CODE

USE GROUP(S): BUSINESS
 USE GROUP B

NUMBER OF EXITS
 CH. 10 MAX. TRAVEL DISTANCE OF 75FT

CONSTRUCTION TYPE: IIB

AUTOMATIC SPRINKLERS:
 (X) NONE
 () FULL / LIMITED AREA

BUILDING AREA:
 GRADE LEVEL: 3850 SF
 AREA MODIFICATION APPLIED: () YES - (X) NO

DESIGN LOADS:
 ROOF LOAD: 50 PSF
 FLOOR LOAD: 100 PSF
 WIND MAIN FLOOR: 90 MPH

PROJECT NUMBER: 73136
DATE: 11-17-2022
SCALE: AS NOTED
DESIGNED BY: RDP
DRAWN BY: RDP
CHECKED BY:
APPROVED BY:
REVISIONS

ENGINEERING FOR RESULTS
 13500 REECK ROAD
 SOUTHGATE, MI 48195
 (734) 759-1600
 FAX (734) 282-6566
 WWW.ENGINEERS.COM

TITLE SHEET
 PROPOSED ANIMAL SHELTER
 CITY OF LINCOLN PARK
 WAYNE COUNTY, MICHIGAN

SHEET
T-1

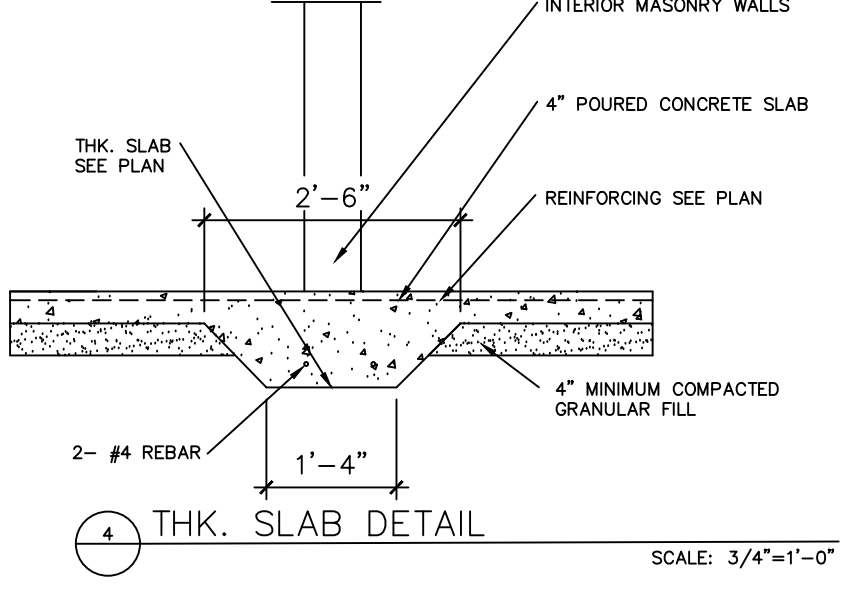
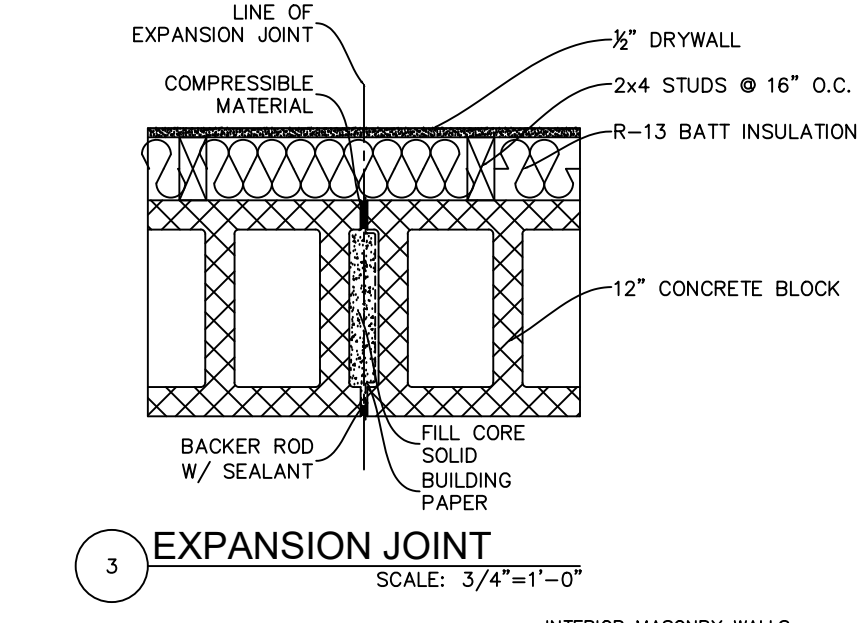
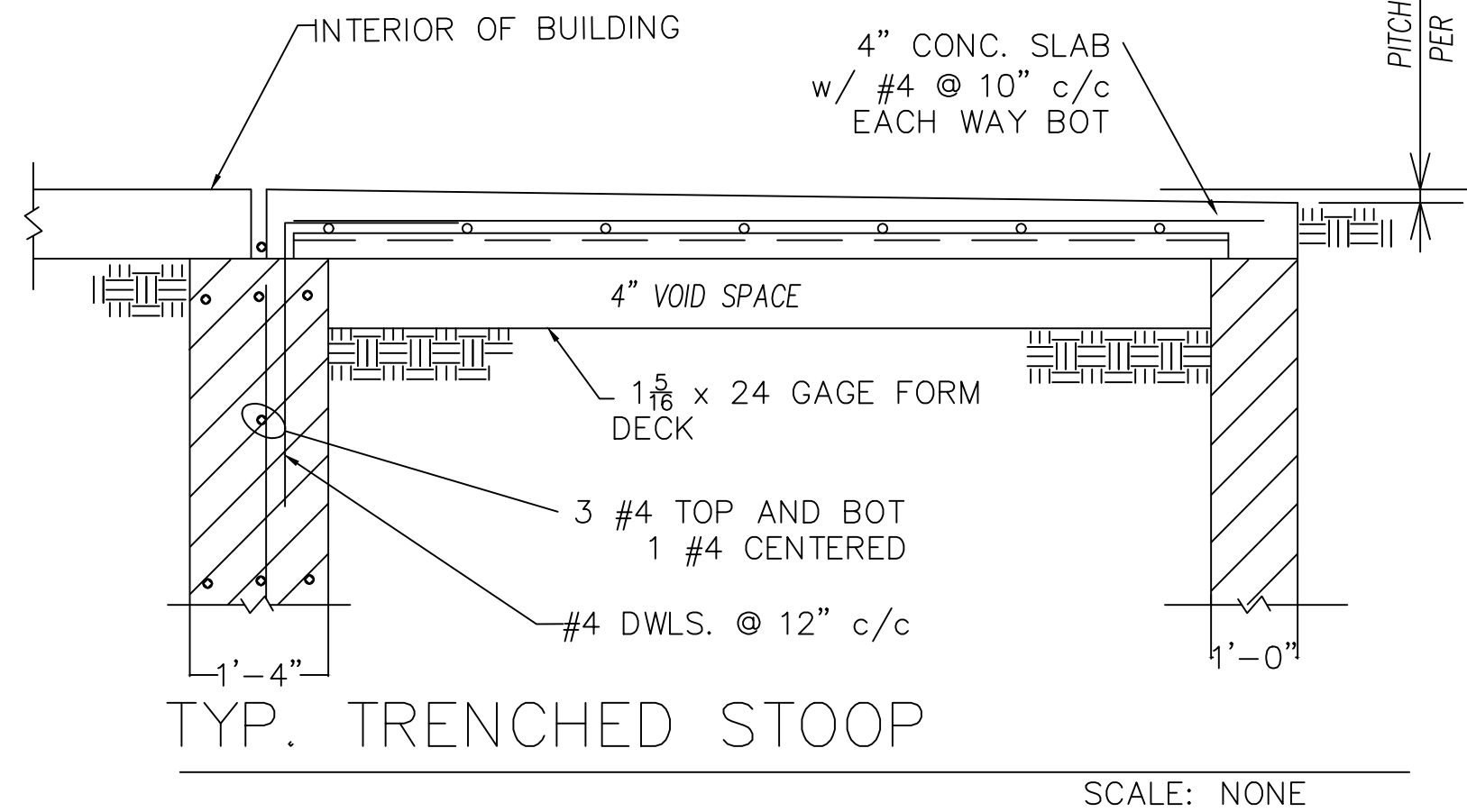
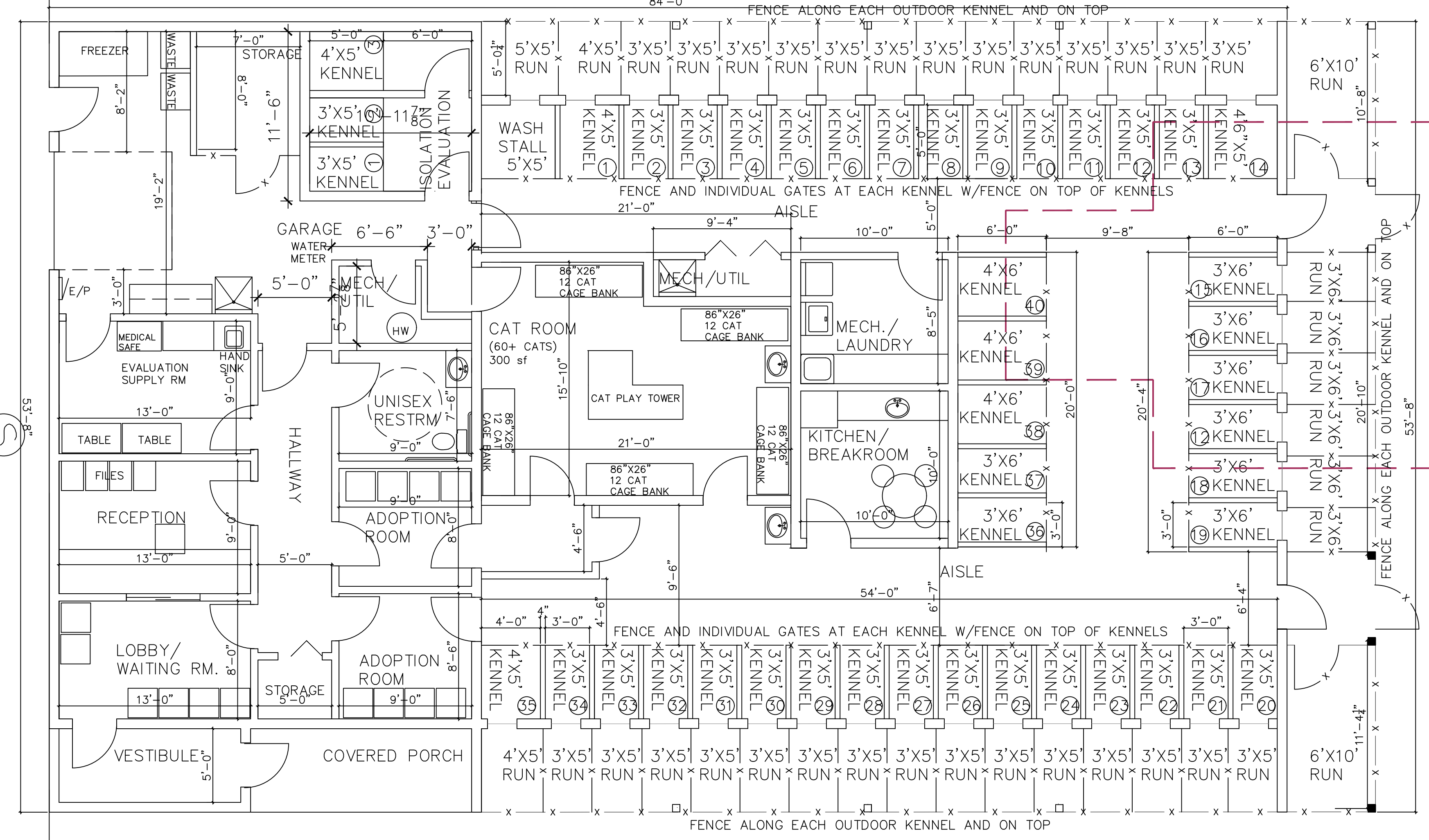
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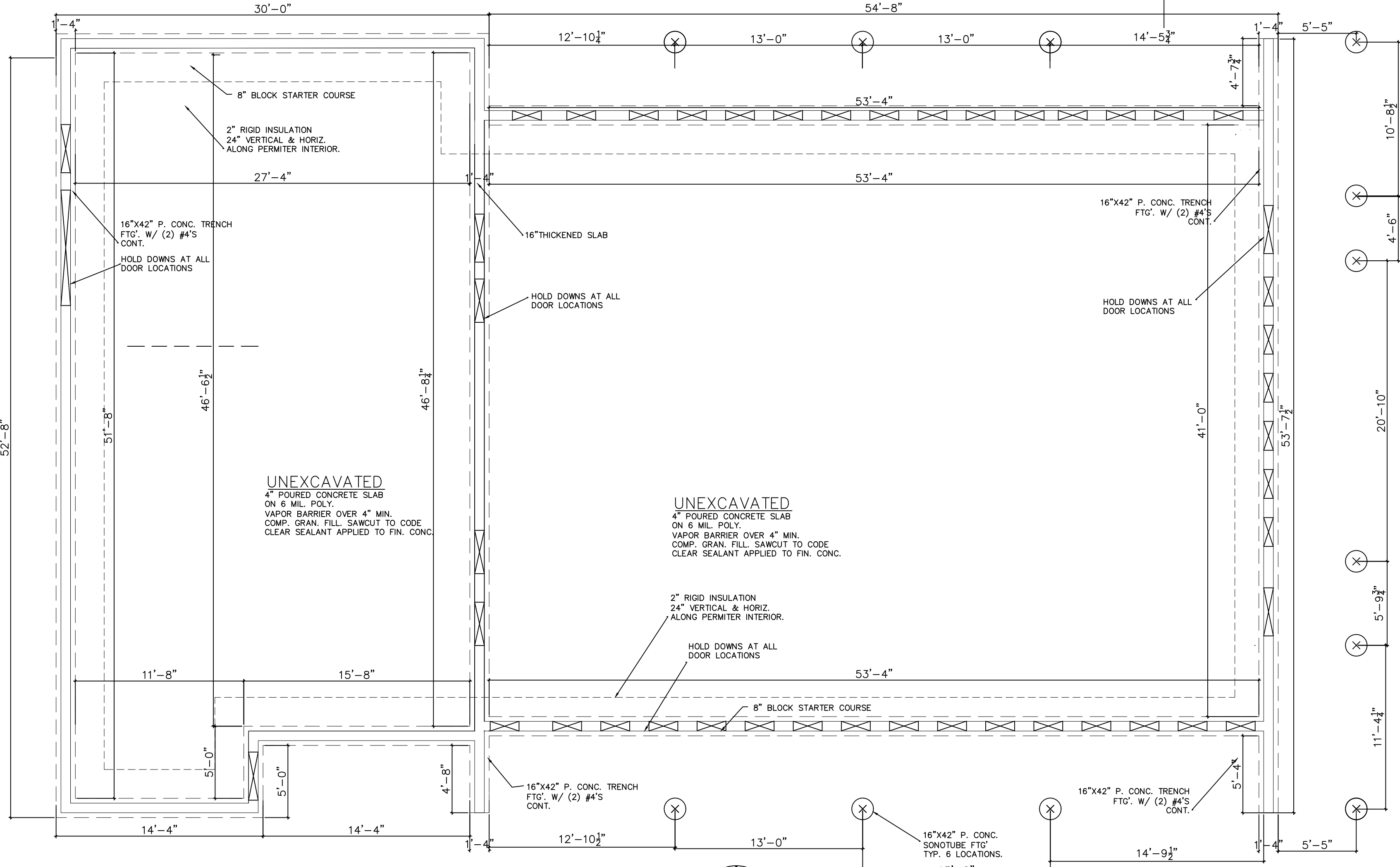
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HENNESSEY ENGINEERS, INC.
 TITLE: FOUNDATION AND FLOOR PLAN
 PROPOSED ANIMAL SHELTER
 CITY OF LINCOLN PARK
 WAYNE COUNTY, MICHIGAN
 SHEET A-1

PROPOSED PHASE 1 AND 2

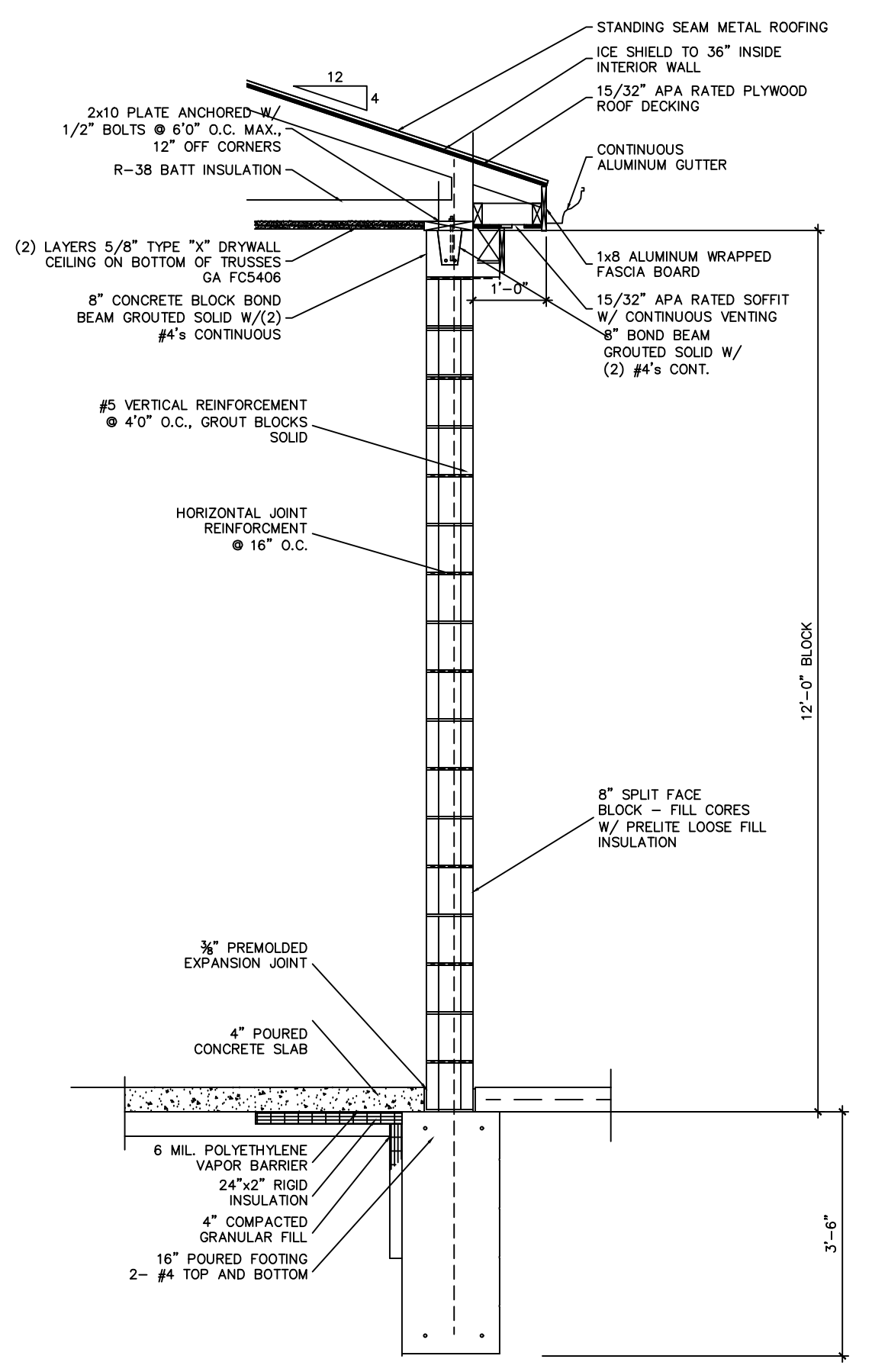


FOUNDATION DETAIL
 SCALE: NONE



PROP. FLOOR PLAN:
 SCALE: 3/16"=1'-0"

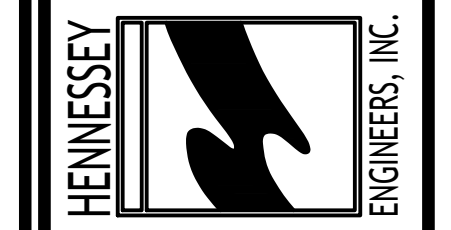
- SOIL BEARING REQUIREMENTS:**
- All top soil, organic and vegetative material should be removed prior to construction. Any required fill shall be clean, granular material compacted to at least 95% of maximum dry density as determined by ASTM D-1557.
 - Foundations bearing on existing soils are designed for a minimum allowable soil bearing capacity of 3000 PSF, unless noted otherwise. The allowable soil bearing capacity must be verified by a registered soils engineer prior to the start of construction and is the responsibility of the owner or contractor.
 - Notify the Building Design Engineer/Architect if the allowable soil bearing capacity is less than 3000 PSF so that the foundations can be redesigned for the new allowable bearing capacity.
- CONCRETE SPECIFICATIONS:**
- All concrete work shall conform to the requirements of ACI 301-84, "Specifications for Structural Concrete for Buildings", except as modified by supplemental requirements.
 - All concrete shall have a minimum of 3000 PSI 28 day compressive strength (517 lbs. cement per cubic yard minimum (5.5 sacks) & a water/cement ratio not to exceed 6 gallons per sack).
 - The use of additives such as Fly Ash or Calcium Chloride is not allowed without prior review from the Engineer.
 - The concrete contractor shall submit the design mix of each type for review by the Engineer and Architect prior to placement.
- STRUCTURAL STEEL SPECIFICATIONS:**
- All structural steel shapes, plates, bars, etc., are to be ASTM A-36 (unless noted otherwise) designed and fabricated per the 1989 AISC "Specifications for the Design, Fabrication and Erection of Structural Steel for Buildings", and the latest edition of the AISC "Manual of Steel Construction".
 - All steel pipe columns shall be ASTM A 501, Fy = 36 ksi. All structural tubing shall be ASTM A500 Grade B, Fy = 46 ksi.
 - All welded connections shall conform with the latest AWS D1.1 "Specifications for Welding in Building Construction", and shall utilize E70XX electrodes. Unless noted otherwise.
 - All bolted connections shall utilize ASTM A-325 bolts tightened to a "snug tight" condition (unless noted otherwise).
 - The steel fabricator shall submit shop drawings for review by the Engineer and Architect prior to fabrication. Allow 10 working days minimum for each stage of the review process.
 - The steel erector is solely responsible for the design and installation of all temporary gusys, braces, falsework, cribbing and other elements required for the safe and proper installation of all building elements until the structure is permanently braced. The fabricator and erector shall perform all work in accordance with OSHA requirements.
 - The Design Engineer is not responsible for job site safety nor other job site conditions.
 - Verify the exact size and location of all floor and roof openings with mechanical contractor, if required.
 - Verify all existing dimensions and conditions in field prior to construction.



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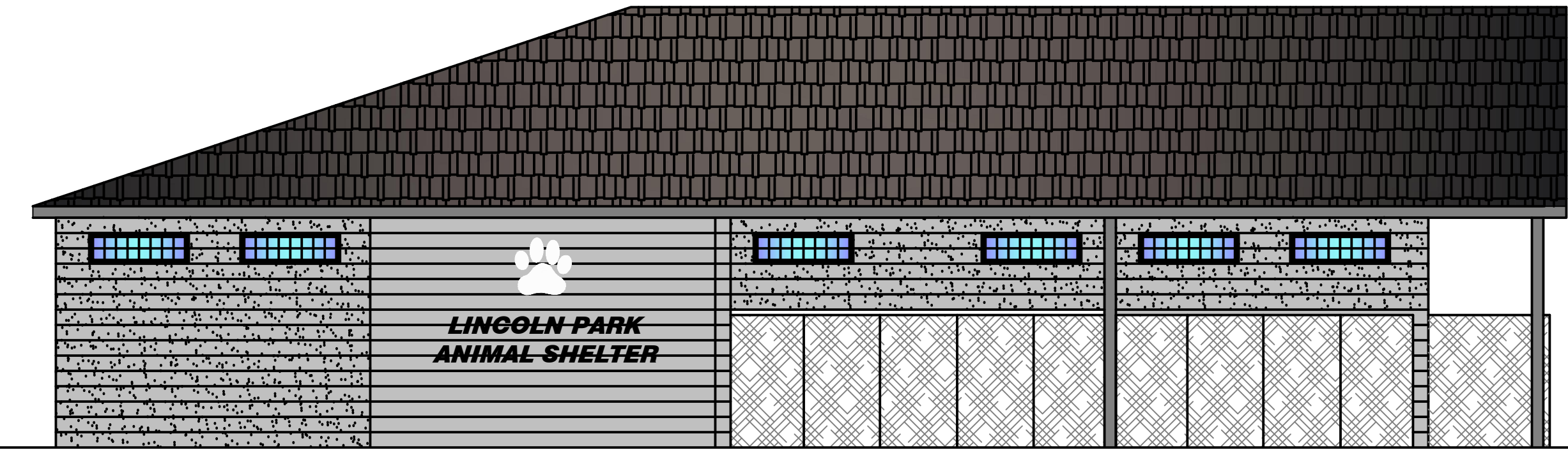
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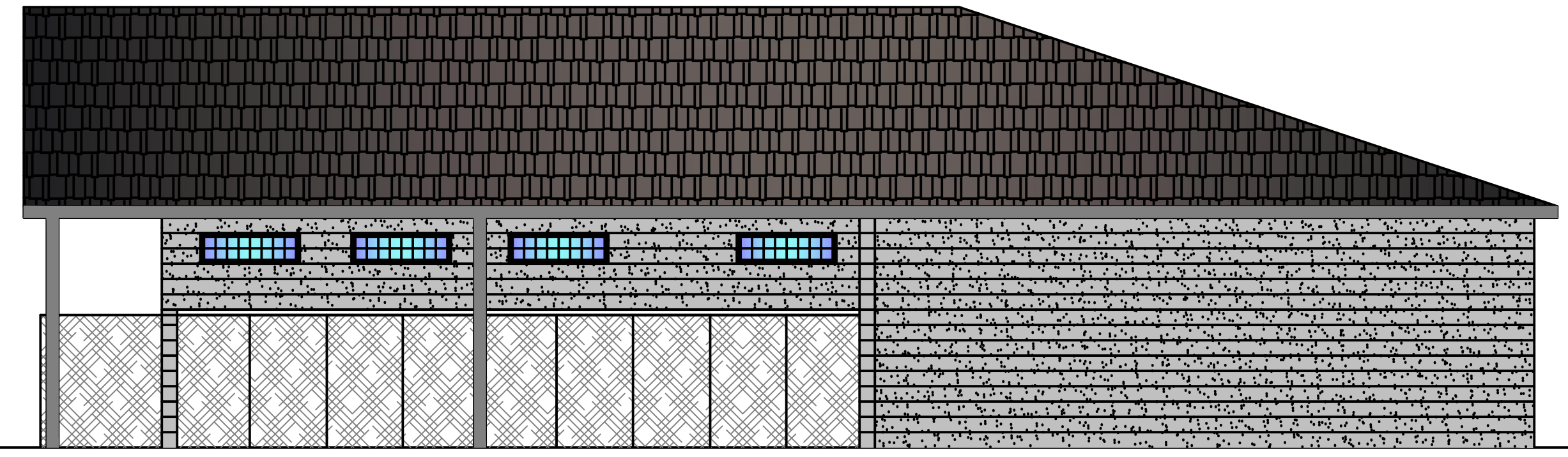


TITLE
 FLOOR PLAN AND ELEVATION
 ANIMAL SHELTER
 CITY OF LINCOLN PARK
 WAYNE COUNTY, MICHIGAN

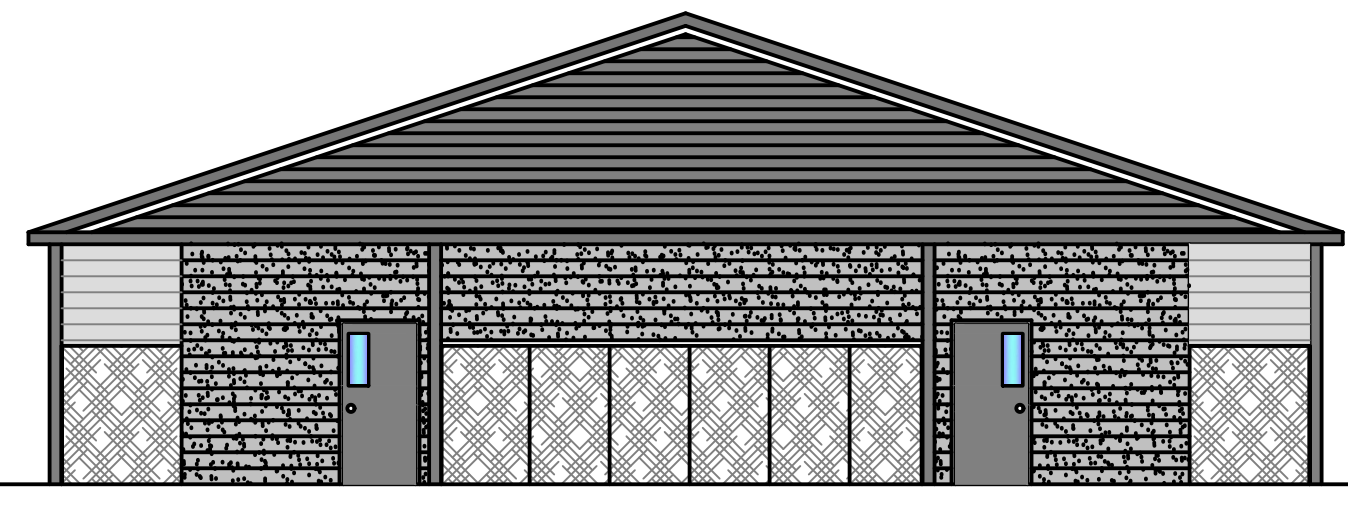
SHEET
 A-2



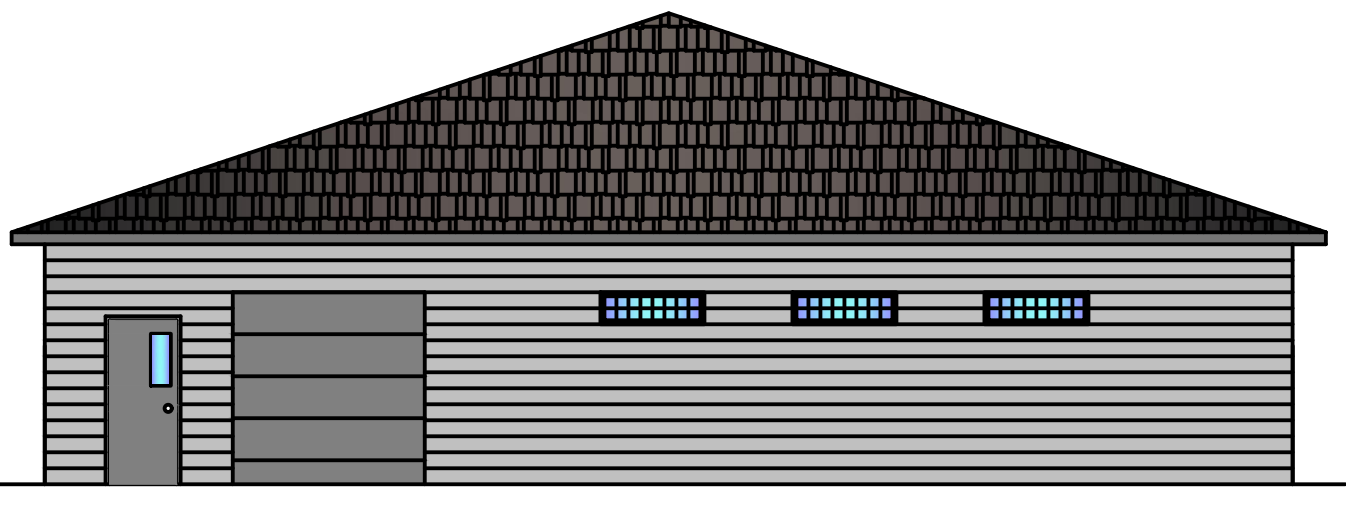
SOUTH-FRONT ELEVATION:
 SCALE: 3/16"=1'-0"



NORTH - REAR ELEVATION:
 SCALE: 3/16"=1'-0"



EAST SIDE ELEVATION:
 SCALE: 1/8"=1'-0"



WEST SIDE ELEVATION:
 SCALE: 1/8"=1'-0"

GENERAL ELEC. NOTES:

- THE ARCHITECT/ENGINEER IS NOT RESPONSIBLE FOR THE MEANS AND METHODS OF CONSTRUCTION, NOR FOR THE SAFETY ON THE JOB SITE. THESE REMAIN SOLELY THE RESPONSIBILITIES OF THE GENERAL CONTRACTOR, C.M. AND/OR JOB SITE SUPERINTENDENT.
- COORDINATE ALL CONSTRUCTION/DEMOLITION ACTIVITIES WITH OWNER.
- CONTRACTOR SHALL COMPLY WITH ALL LAWS, ORDINANCES, AND CODES OF THE CITY OF TAYLOR.
- CONTRACTOR SHALL SECURE AND PAY FOR ALL NECESSARY FEES AND PERMITS REQUIRED IN THE PERFORMANCE OF THE WORK.
- CONTRACTOR(S) SHALL VISIT THE SITE AND CHECK THE EXISTING CONDITIONS BEFORE SUBMISSION OF BIDS(S). NO ALLOWANCE SHALL BE MADE IN BEHALF OF EXTRA EXPENSES DUE TO THE FAILURE TO MAKE SUCH A THOROUGH EXAMINATION.
- ALL ELECTRICAL WORK AND EQUIPMENT SHALL COMPLY WITH THE LATEST EDITION OF THE N.E.C., LOCAL AND STATE CODES, ORDINANCES AND REGULATIONS INCLUDING THE OCCUPATIONAL AND HEALTH ACT (OSHA) AND BOCA.
- ALL OUTDOOR RECEPTACLES SHALL BE WEATHERPROOF AND HAVE G.F.I.
- IF MORE THAN THREE(3) CONDUCTORS ARE INSTALLED IN A CONDUIT, WIRE SHALL BE DERATED IN ACCORDANCE WITH NOTES TO N.E.C. TABLES 310-16 AND 310-18.
- COORDINATE COMPLETE INSTALLATION AND REQUIREMENTS WITH D.T.E.

LIGHTING PLAN NOTES:

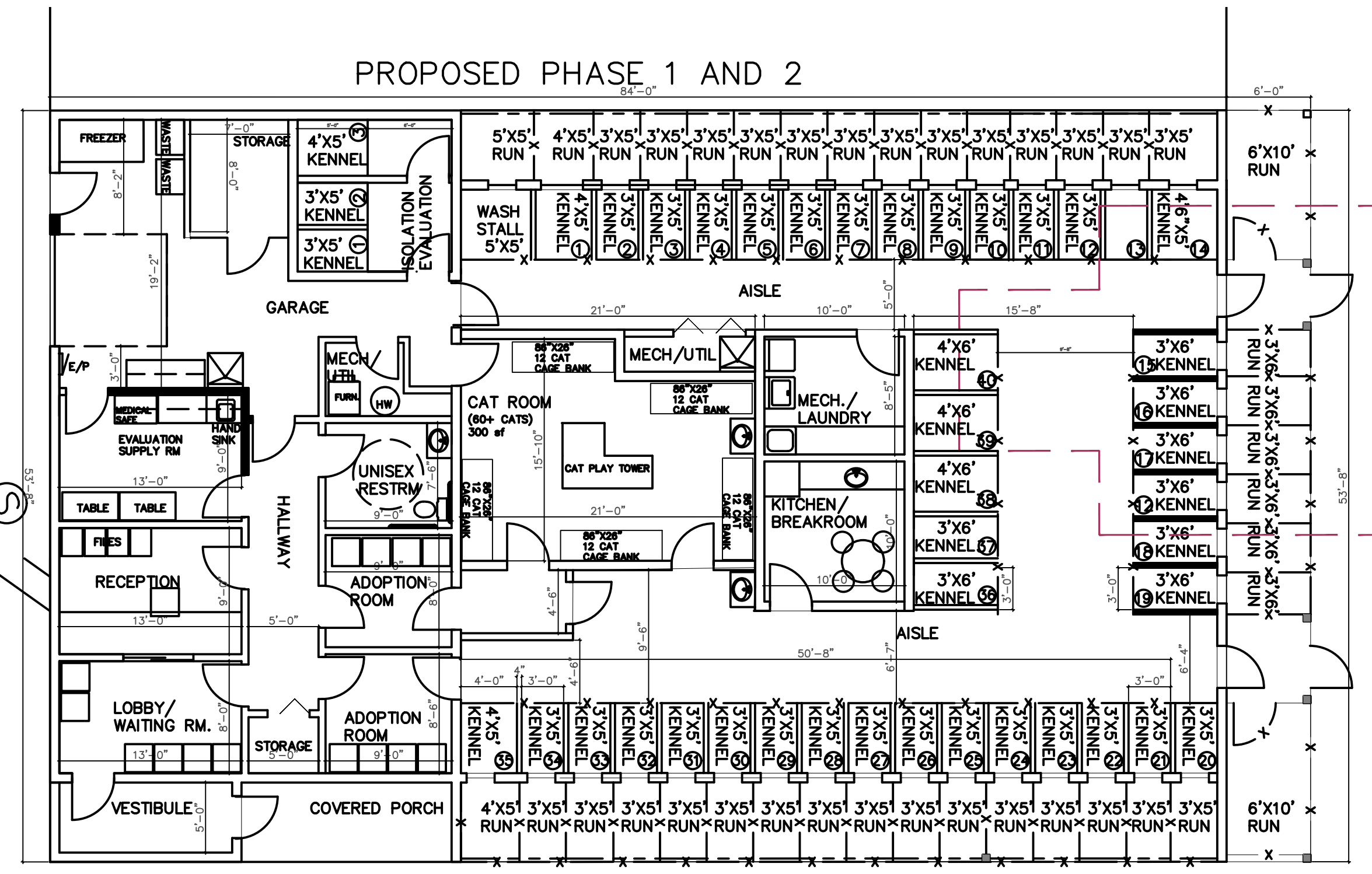
- ALL ROOMS TO HAVE OCCUPANCY SENSORS ON MAIN LIGHTS

LIGHTING FIXTURE SCHEDULE

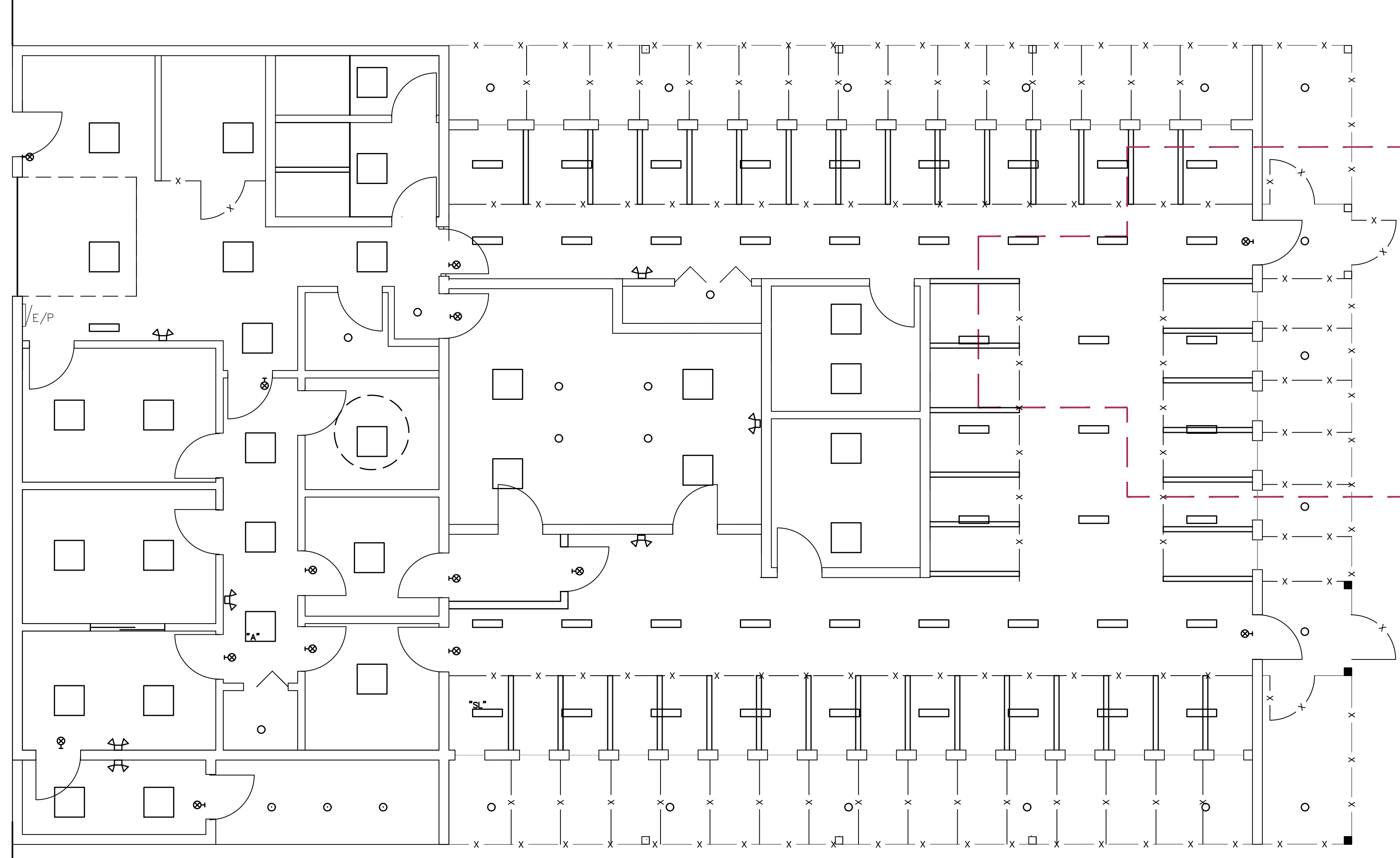
TYPE	DESCRIPTION	MOUNTING
"A"	2' LED 40W, 5000K LINEAR LIGHT SIMILAR TO LUMEDGEN LG-LL40W-U-50K DIMMABLE	SURFACE MOUNTED
"SL"	12"x 24" LED STRIP LIGHT	SURFACE MOUNTED
"X"	EXIT LIGHT, RED LETTERS WITH WHITE BACKGROUND, SELF-CONTAINED, 277V, SEALED MAINTENANCE-FREE BATTERY WITH LIGHT EMITTING DIODES, DIRECTIONAL ARROWS AS INDICATED/REQUIRED, WHITE POLYCARBONATE HOUSING, LITHONIA #L0MSW 3R 120/277 ELN OR APPROVED EQUAL BY HUBBELL	CEILING MOUNTED
"Z"	SELF-CONTAINED EMERGENCY LIGHTING UNIT WITH CHARGER, SEALED MAINTENANCE FREE BATTERY, TWO (2) 12 WATT, 6 VOLT HALOGEN LAMP HEADS, BATTERY SHALL BE CAPABLE OF PROVIDING POWER A MINIMUM OF 90 MINUTES TO THE NUMBER OF HEADS CONNECTED TO THE 120V INPUT, WHITE POLYCARBONATE HOUSING, LITHONIA #ELM2P/H1206 OR APPROVED EQUAL BY HUBBELL	WALL MOUNTED

LEGEND

- EXHAUST FAN W/ CO2 SENSOR - 96\"/> EXHAUST FAN W/ CO2 SENSOR - 96\"/> EXHAUST FAN W/ CO2 SENSOR - 96\"/>
- HVAC SUPPLY DIFFUSER (HOT AIR)
- RETURN AIR GRILLE
- RADIANT FIN TUBE HEATER
- 24\"/> 24\"/> 24\"/>
- MINI-SPLIT WALL CARTRIDGE 96\"/> MINI-SPLIT WALL CARTRIDGE 96\"/> MINI-SPLIT WALL CARTRIDGE 96\"/>
- RECESSED LIGHT FIXTURE
- EXIT LIGHT FIXTURE
- EMERGENCY LIGHT FIXTURE
- 24\"/> 24\"/> 24\"/>

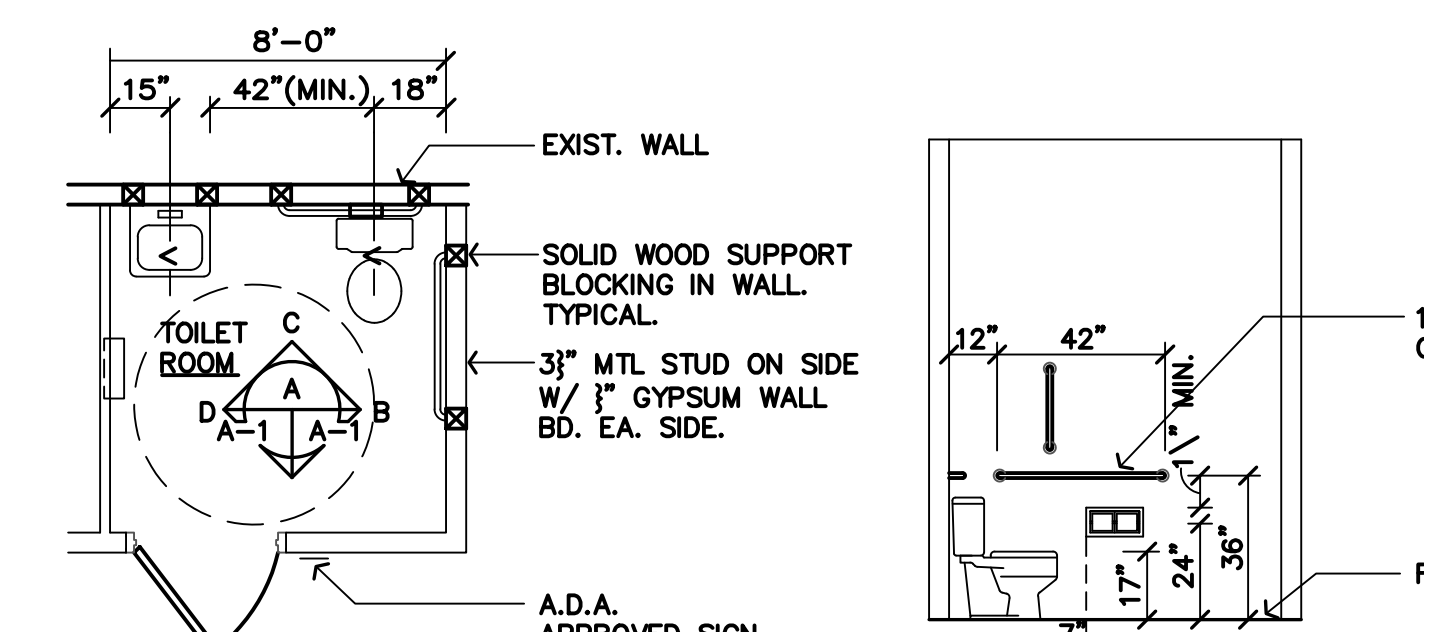
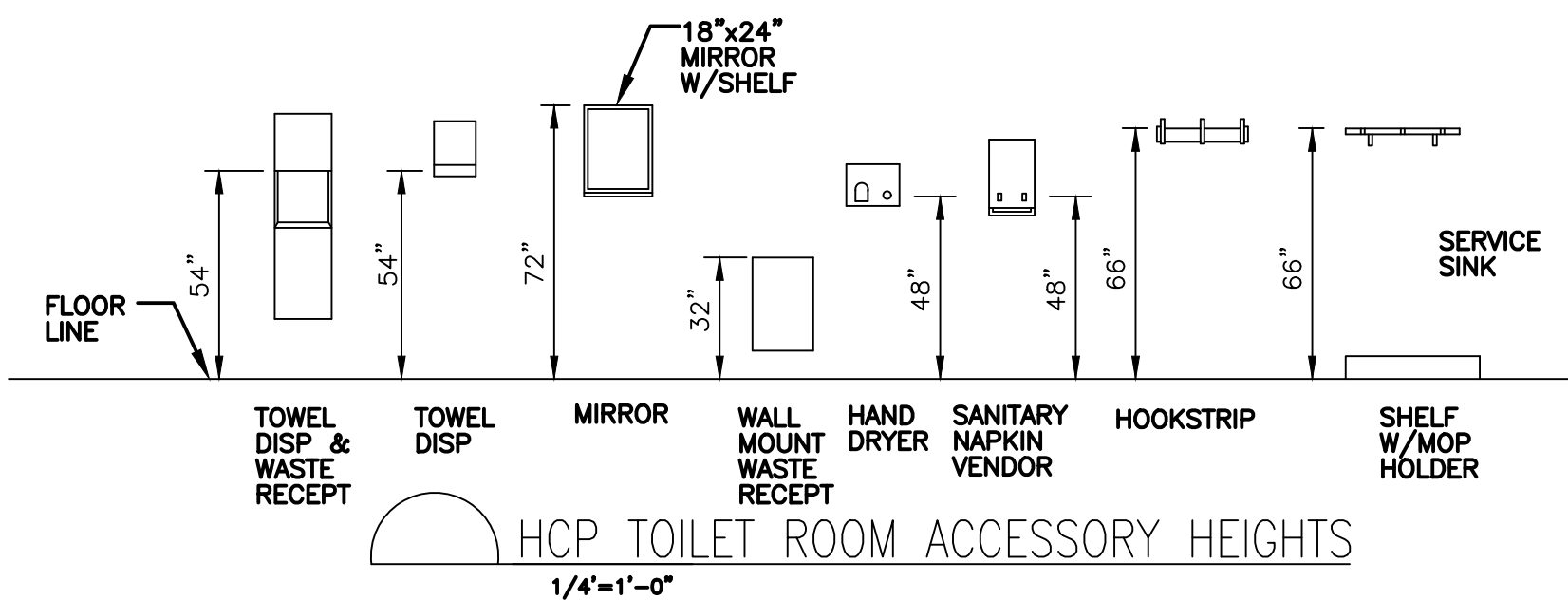


PROP. OVERALL PLAN:
 SCALE: 1/8"=1'-0"



PROP. CEILING PLAN:
 SCALE: 3/16"=1'-0"

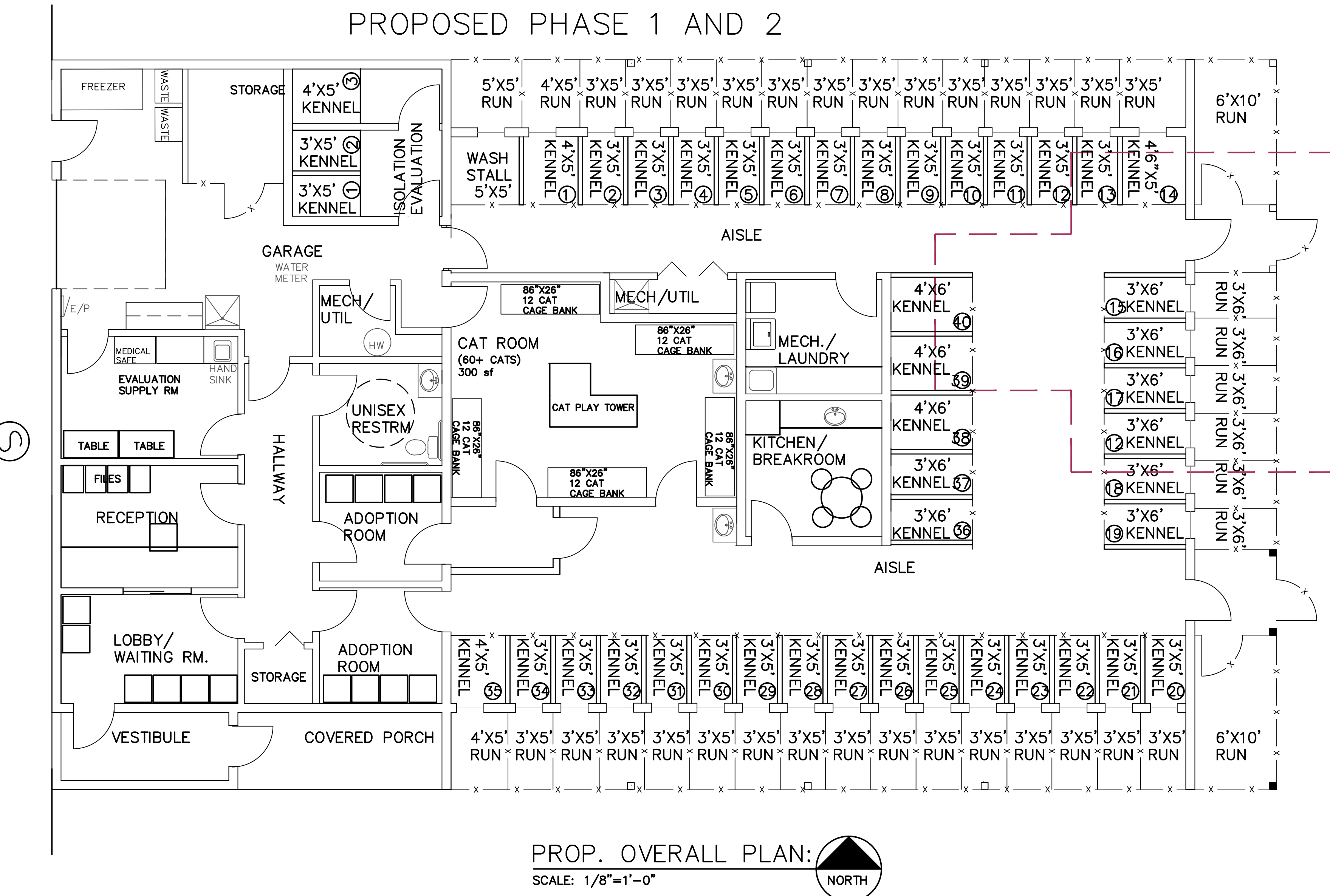
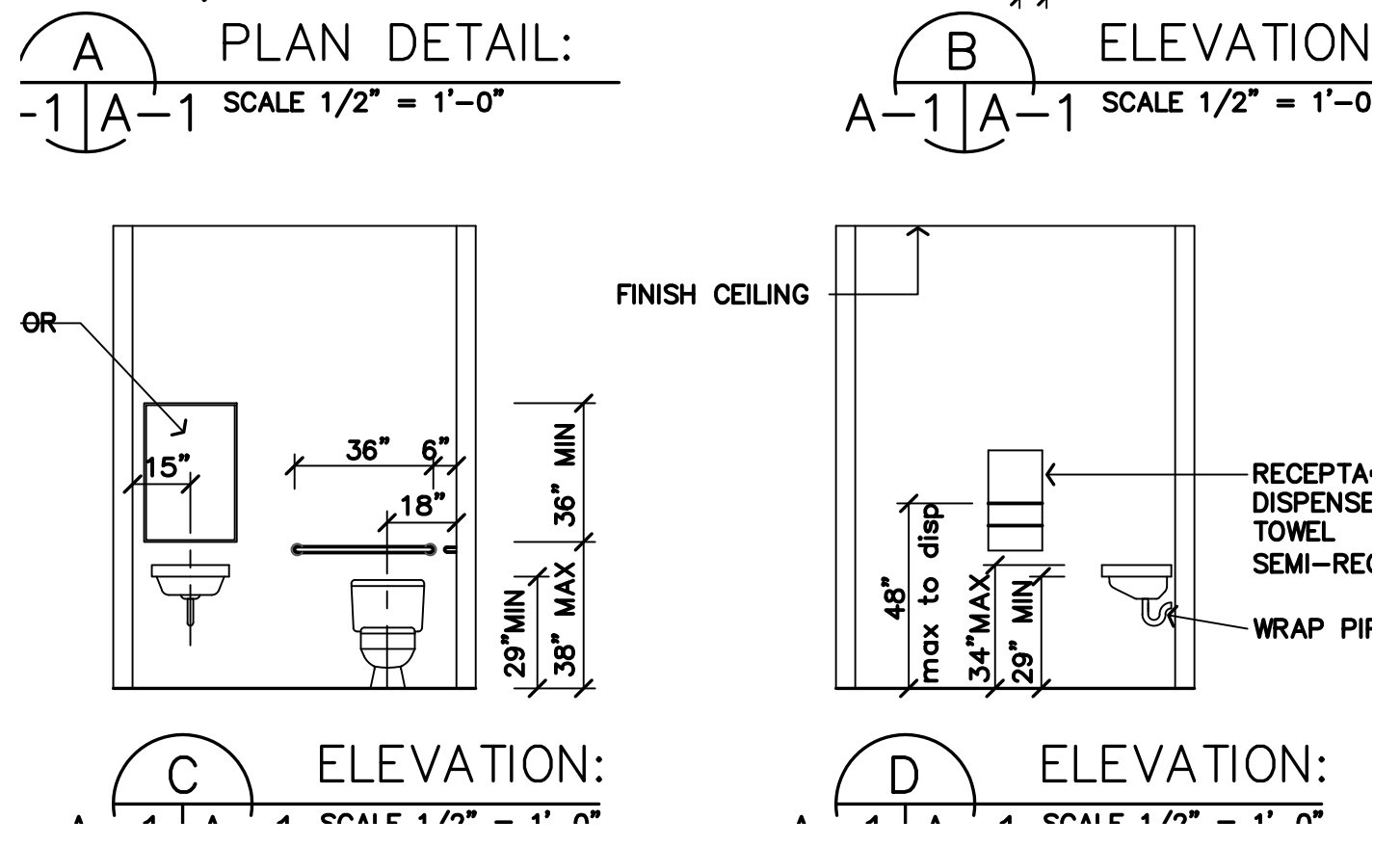
ALL MECHANICAL/ELECTRICAL/PLUMBING TO BE DESIGN/BUILD TO BE INSPECTED AND APPROVED BY CITY OF LINCOLN PARK INSPECTORS



- FIXTURE SCHEDULE:**
EQUAL SUBSTITUTES MAY BE SUBMITTED FOR APPROVAL
- ① ADA TOILET - AMERICAN STANDARD YORKVILLE VORMAX 209AA138 OR EQUAL TANK TOILET
 - ② ADA TOILET - KOHLER KINGSTON ULTRA TOP SPUD FLUSHMETER BOWL - SLOAN REGAL 111-1.6
 - ③ ADA WALL MOUNTED SINK - AMERICAN STANDARD LUCERNE 0355.012.020 - CHICAGO FAUCETS METERING FAUCET 802-335ABCP

- ACCESSORY SCHEDULE:**
EQUAL SUBSTITUTES MAY BE SUBMITTED FOR APPROVAL
- Ⓐ TOILET PAPER DISP. - BOBRICK, MODEL B-2740.
 - Ⓑ GRAB BAR - BOBRICK, MODEL B-6806X42.
 - Ⓒ GRAB BAR - BOBRICK, MODEL B-6806X36.
 - Ⓓ GRAB BAR - BOBRICK, MODEL B-6806X18.VERTICAL
 - Ⓔ SOAP DISPENSER - BOBRICK, MODEL B-2111.
 - Ⓕ COAT HOOKS - BOBRICK, MODEL B-233.
 - Ⓖ HAND DRYER - BOBRICK, MODEL B-7128-115A. SURFACE MOUNTED OR EQUAL.
 - Ⓗ MIRROR - BOBRICK, MODEL B-2908 (TEMPERED) 36"W. X 38"H.
 - Ⓘ TOILET PARTITION WALL
 - Ⓚ URINAL SCREEN PARTITION WALL
 - Ⓛ BABY CHANGING STATION - KOALA KARE KB200

DESIGN INTENT:



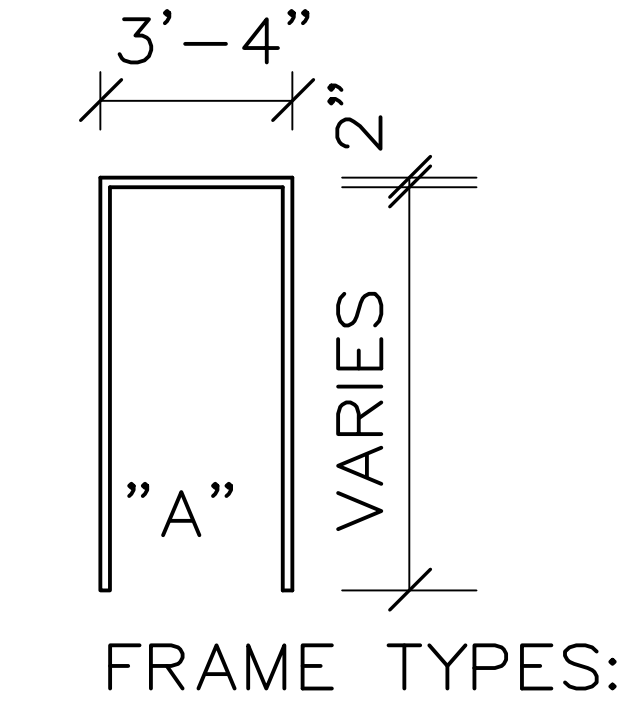
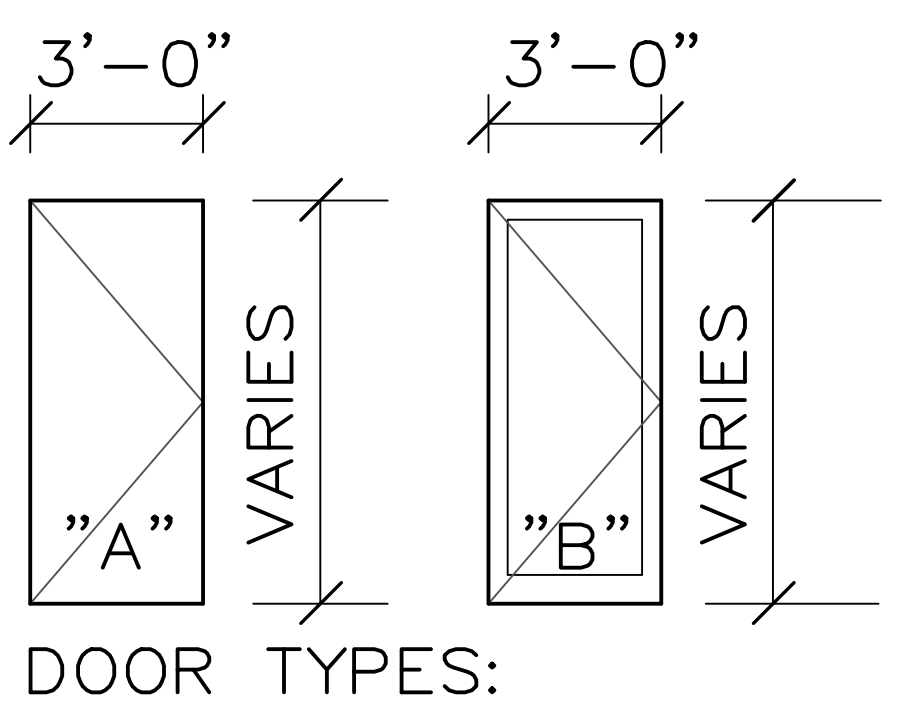
ROOM FINISH SCHEDULE:

RM NO.	ROOM NAME	BASE	FLOOR	WALLS				FIN.	CEILING		REMARKS
				NORTH	EAST	SOUTH	WEST		MAT.	HT.	
100	VESTIBULE	NONE	EPOXY	CMU-1	CMU-1	CMU-1	CMU-1	P-1	GWB	12'-0"	PAINT WALLS, & GWB CEILINGS
101	LOBBY	NONE	EPOXY	GWB	GWB	CMU-1	CMU-1	P-1	GWB	12'-0"	PAINT WALLS, & GWB CEILINGS
102	HALLWAY	NONE	EPOXY	GWB	GWB	GWB	GWB	P-1	GWB	12'-0"	PAINT WALLS, & GWB CEILINGS
103	STORAGE	NONE	EPOXY	GWB	GWB	CMU-1	GWB	P-1	GWB	12'-0"	PAINT WALLS, & GWB CEILINGS
104	ADOPTION RM 1	NONE	EPOXY	GWB	CMU-1	CMU-1	GWB	P-1	GWB	12'-0"	PAINT WALLS, & GWB CEILINGS
105	ADOPTION RM 2	NONE	EPOXY	GWB	CMU-1	GWB	GWB	P-1	GWB	12'-0"	PAINT WALLS, & GWB CEILINGS
106	RECEPTION	NONE	EPOXY	GWB	GWB	CMU-1	GWB	P-1	GWB	12'-0"	PAINT WALLS, & GWB CEILINGS
107	EVALUATION RM	NONE	EPOXY	GWB	GWB	GWB	CMU-1	P-1	GWB	12'-0"	PAINT WALLS, & GWB CEILINGS
108	UNISEX RESTRM	NONE	EPOXY	GWB	CMU-1	GWB	GWB	P-1	GWB	12'-0"	PAINT WALLS, & GWB CEILINGS
109	GARAGE	NONE	CONC	CMU-1	CMU-1	CMU-1	CMU-1	P-1	GWB	12'-0"	PAINT WALLS, & GWB CEILINGS
110	STORAGE	NONE	CONC	CMU-1	CMU-1	CMU-1	GWB	P-1	GWB	12'-0"	PAINT WALLS, & GWB CEILINGS
111	MECH/UTIL	NONE	CONC	GWB	GWB	GWB	GWB	P-1	GWB	12'-0"	PAINT WALLS, & GWB CEILINGS
112	ISOLATION ROOM	NONE	EPOXY	CMU-1	CMU-1	CMU-1	CMU-1	P-1	GWB	12'-0"	PAINT WALLS, & GWB CEILINGS
113	CAT ROOM	NONE	EPOXY	CMU-1	CMU-1	CMU-1	CMU-1	P-1	GWB	12'-0"	PAINT WALLS, & GWB CEILINGS
114	KENNEL AREA	NONE	EPOXY	CMU-1	CMU-1	CMU-1	CMU-1	P-1	GWB	12'-0"	PAINT WALLS, & GWB CEILINGS
115	MECH/UTIL	NONE	EPOXY	GWB	CMU-1	CMU-1	CMU-1	P-1	GWB	12'-0"	PAINT WALLS, & GWB CEILINGS
116	MECH/LAUNDRY	NONE	EPOXY	GWB	CMU-1	GWB	CMU-1	P-1	GWB	12'-0"	PAINT WALLS, & GWB CEILINGS
117	KITCHEN/BRK RM	NONE	EPOXY	GWB	CMU-1	GWB	CMU-1	P-1	GWB	12'-0"	PAINT WALLS, & GWB CEILINGS

DOOR AND FRAME SCHEDULE: ^z SEE SPECS FOR HARDWARE.

DOOR NO.	DOOR SIZE	DOOR		FRAME		DET. NO.	LABEL	HDWR NO.	REMARKS
		TYPE	MAT'L	TYPE	MAT'L				
100A	3'-0" X 6'-8" X 1 3/4"	A	HM	A	HM	-	-	3	NEW DOOR, FRAME & HARDWARE -
100B	3'-0" X 6'-8" X 1 3/4"	A	HM	A	HM	-	-	3	NEW DOOR, FRAME & HARDWARE -
101	3'-0" X 6'-8" X 1 3/4"	A	WD	A	HM	-	-	2	NEW DOOR, FRAME & HARDWARE -
102	3'-0" X 6'-8" X 1 3/4"	A	HM	A	HM	-	-	2	NEW DOOR, FRAME & HARDWARE -
103	3'-0" X 6'-8" BIFOLD	A	WD	A	WD	-	-	-	-
104A	3'-0" X 6'-8" X 1 3/4"	A	WD	A	HM	-	-	1	NEW DOOR, FRAME & HARDWARE -
104B	3'-0" X 6'-8" X 1 3/4"	A	HM	A	HM	-	-	2	NEW DOOR, FRAME & HARDWARE -
105A	3'-0" X 6'-8" X 1 3/4"	A	WD	A	HM	-	-	1	NEW DOOR, FRAME & HARDWARE -
105B	3'-0" X 6'-8" X 1 3/4"	A	HM	A	HM	-	-	2	NEW DOOR, FRAME & HARDWARE -
106	3'-0" X 6'-8" X 1 3/4"	A	WD	A	HM	-	-	2	NEW DOOR, FRAME & HARDWARE -
107A	3'-0" X 6'-8" X 1 3/4"	A	WD	A	HM	-	-	2	NEW DOOR, FRAME & HARDWARE -
107B	3'-0" X 6'-8" X 1 3/4"	A	WD	A	HM	-	-	2	NEW DOOR, FRAME & HARDWARE -
108	3'-0" X 6'-8" X 1 3/4"	A	WD	A	HM	-	-	2	NEW DOOR, FRAME & HARDWARE -
109A	3'-0" X 6'-8" X 1 3/4"	A	HM	A	HM	-	-	3	NEW DOOR, FRAME & HARDWARE -
109B	10'-0" X 10'-0" O.H. DR	OVHD	STL	-	-	-	-	-	NEW INSULATED OVERHEAD SECTIONAL DOOR
110									
111	3'-0" X 6'-8" X 1 3/4"	A	HM	A	HM	-	-	1	NEW DOOR, FRAME & HARDWARE - LOUVERED
112A	3'-0" X 6'-8" X 1 3/4"	A	HM	A	HM	-	-	1	NEW DOOR, FRAME & HARDWARE -
112B	3'-0" X 6'-8" X 1 3/4"	A	HM	A	HM	-	-	1	NEW DOOR, FRAME & HARDWARE -
113	3'-0" X 6'-8" X 1 3/4"	A	HM	A	HM	-	-	1	NEW DOOR, FRAME & HARDWARE -
114A	3'-0" X 6'-8" X 1 3/4"	A	HM	A	HM	-	-	1	NEW DOOR, FRAME & HARDWARE -
114B	3'-0" X 6'-8" X 1 3/4"	A	HM	A	HM	-	-	3	NEW DOOR, FRAME & HARDWARE -
114C	3'-0" X 6'-8" X 1 3/4"	A	HM	A	HM	-	-	3	NEW DOOR, FRAME & HARDWARE -
115	3'-0" X 6'-8" BIFOLD	A	WD	A	WD	-	-	-	-
116	3'-0" X 6'-8" X 1 3/4"	A	HM	A	HM	-	-	1	NEW DOOR, FRAME & HARDWARE - LOUVERED
117	3'-0" X 6'-8" X 1 3/4"	A	HM	A	HM	-	-	1	NEW DOOR, FRAME & HARDWARE -

- DOOR AND HARDWARE NOTES:**
- ALL DOORS WHICH REQUIRE FINISHING SHALL BE FINISHED IN ACCORDANCE WITH THE OWNERS DIRECTIONS.
 - ALL HARDWARE SHALL BE OF HEAVY DUTY COMMERCIAL GRADE WITH BRUSHED FINISH TO MATCH EXISTING OR AS SELECTED BY OWNER.
 - PROVIDE AND INSTALL EMERGENCY EXIT HARDWARE FOR ALL EXIT DOORS WHERE REQUIRED BY CODE.
 - PROVIDE AND INSTALL SUITABLE TYPE DOOR STOPS FOR ALL DOORS.
 - ALL DOOR LATCH HANDLES TO BE HEAVY DUTY LEVER TYPE.
- HARDWARE SETS**
- PUSH/PULL HINGES: CONTINUOUS BY MFR. CLOSER: HEAD TYPE LOCK: CYLINDER TYPE
 - PRIVACY HINGES: CONTINUOUS BY MFR. CLOSER: HEAD TYPE LOCK: IN HANDLE
- HARDWARE SETS**
- ENTRY/EXIT HINGES: CONTINUOUS BY MFR. CLOSER: HEAD TYPE LOCK: KEYED/PANIC HRDWARE



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HENNESSEY ENGINEERS, INC.

FLOOR PLAN AND SCHEDULES
PROPOSED ANIMAL SHELTER
CITY OF LINCOLN PARK
WAYNE COUNTY, MICHIGAN

SHEET
A-3

