

# Exhibit 1

# FAYETTE COUNTY ANIMAL SHELTER

## Peachtree City Georgia

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AdaptToSolve  
42 Piedmont Drive (Suite 201)  
Winder Georgia 30680  
Office: (706) 298.2734  
Fax: (706) 298.2734

## **Cover Page & Table of Content (Fayette County Animal Shelter)**

Project Number: ATS-2022-121  
Date: 2022  
Issue Number: One  
Design/Drawn By: XXX  
Sheet Title: Infrastructure Plan  
SHEET NUMBER: 1



**AdaptToSolve, Inc**

111 Airport Parkway  
LaGrange GA 30240

Georgia Office Locations:  
LaGrange Georgia (Corporate Office)  
Brunswick Georgia, Carrollton Georgia, Grovetown Georgia,  
Hinesville Georgia, Columbus Georgia, and Winder Georgia

**PROJECT SUMMARY AND LOCATION**

**Fayette County Animal Shelter** - Address: Peachtree City Georgia

1. Provide and install Quantity (1) - Part# ATS-SERVER-NW (ATS 12TB VMS Server)
2. Provide and install Quantity (13) - Exacq VMS IP Camera licensing
3. Provide, Program and Install the following:

a. Quantity (5) – Hanwha XNV-8020R (5MP IR Outdoor Dome Camera)

b. Quantity (3) – Hanwha PNM-9085RQZ (5MP x 4CH IR PTRZ Multi-Directional Camera)

c. Quantity (5) – Hanwha QNF-8010 (FISHEYE 6MP 360 Indoor Camera)
4. Provide and install Cat6 Plenum cabling for Quantity (13) New Drops (RJ-45 to plug directly into the camera)

a. Includes Quantity (1) - Wall Mounted Rack in MDF

b. Includes Quantity (1) - D-Link 24-port PoE networking Switch w/ Patch cables

**PROJECT EXPECTATIONS AND DELIVERABLES**

ATS will provide the following:

- o Delivery deadline; TBD
- o Weekly PM Meetings with Customer contact
- o Plus, daily updates on progress

**SITE PREPARATION/CLIENT RESPONSIBILITIES**

To ensure ATS implementations teams are able to perform all project-related tasks, you are required to prepare the affected site(s) as follows:

- Designate one Project Manager who will:

o Act as the first point-of contact for all communication;

o Define overall installation date goals;

o Verify satisfaction of prerequisites; and

o Provide final acceptance approval.
- Designate individual site contacts who will:

o Coordinate installations;

o Promptly reply to all requests for information; and

o Provide timely access to all video surveillance facilities for all authorized ATS personnel and contractors;
- Ensure strict conformance to all local building, electrical and fire codes prior to equipment installation;
- Customer to Verify correct network provisioning, including premise wiring and end-to-end testing, prior to the scheduled installation date; (If Applicable)
- Customer to provide Any Updated Prints /Maps of each location with Camera locations plus estimated routes to MDF/IDF’s (If Applicable)
- Customer to Install electrical, where needed; (If Applicable)
- Customer to Provide and install any network switches w/ PoE power (If Applicable)
- Customer to Provide appropriate installation/rack/wall space for all hardware to be installed; (If Applicable)
- Customer to Provide IP address and naming convention information to be used for this project; (If Applicable)
- Customer to Provide all necessary security and user access passwords for existing and new equipment;

**CUSTOMER TRAINING**

*Not applicable for this project*

**WARRANTIES AND SUPPORT**

**Workmanship Warranty /** Workmanship furnished under this contract is fully guaranteed by ATS from any defects for a period of one (1) year. If a problem occurs, we will promptly correct or reprogram any nonconforming work immediately. We have service personnel who will respond within 48-72 hours to troubleshoot any defects or make any repairs. For emergency situations, we guarantee a 48-hour or less response time.

**PROJECT ASSUMPTIONS**

The proposal and pricing for this project is based on the following assumptions:

- Price Good for 30 Days
- Estimated Time & Delivery for (Professional Service, Materials & Equipment) is an estimated (20) business working Days
- All Manufactures Standard Warranty’s for materials & Equipment are extended to the Customer
- Will utilize existing racks and wire management in MDF/IDF’s (If Applicable)
- This project will be coordinated with Customer on the installation schedule and access to school.
- ATS will provide all labor, tools and supervision required to complete this installation;
- Adequate lighting and electrical power will be available on site;
- The existing system(s) installed are working as expected; (If Applicable)
- If any existing equipment designated for use in the new system is defective or near end-of-life, the Customer is responsible for the replacement of said equipment; (If Applicable)
- Change orders – Must have written approval from customer before any work can proceed

**PROJECT (EXCEPTIONS/DISCLAIMERS)**

The proposal and pricing do not include the following:

- No Electrical working included in price
- No conduit included in price - (Painting of conduit is not included)
- No wire-mold included in price
- No wall boxes included in price
- No Fiber-Optic Links included in price
- Work Stations are not included in price
- No Tax is included in price.
- No Shipping costs are included in price
- No lighting protection is included in this proposal for any systems
- ATS will not be held responsible for any omissions or oversight due to miscommunications, misrepresentation or lack of information in the formulation of this proposal. If the above occurs, ATS reserves the right to invoice for work accordingly or re-negotiate contract amount.

**SPECIAL NOTE**

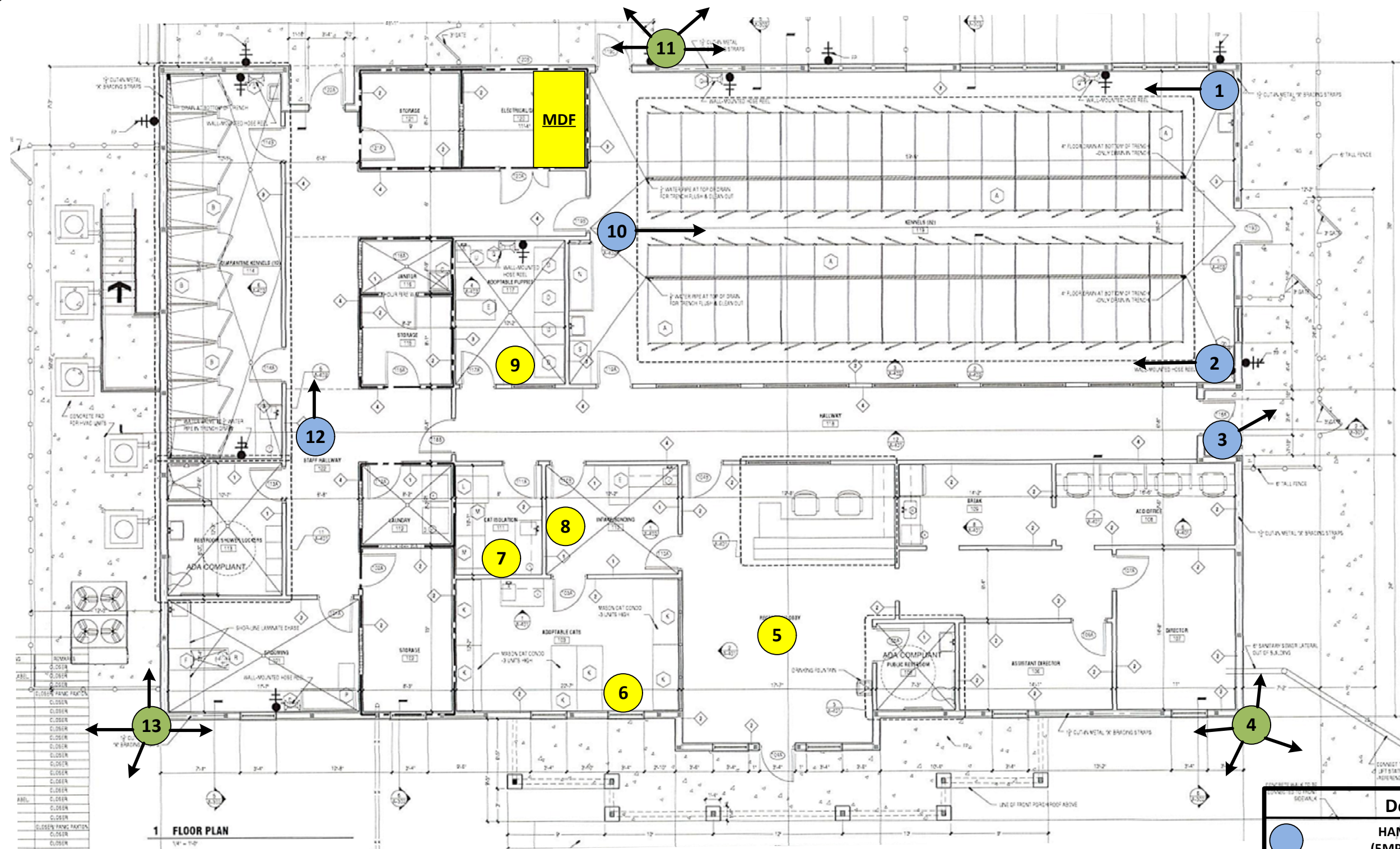
All changes affecting the design, quantity of material or additional labor shall be approved by the ATS Project Manager and Client prior to beginning work. Such changes may require the completion of a Change Order by the Client before any such change order work is performed.



AdaptToSolve  
42 Piedmont Drive (Suite 201)  
Winder Georgia 30680  
Office: (706) 298.2734  
Fax: (706) 298.2734

Statement of Work (SOW)  
(Fayette County Animal Shelter)

Project Number: ATS-2022-121  
Date: 2022  
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Design/Drawn By: XXX  
Sheet Title: Infrastructure Plan  
SHEET NUMBER: 2






**\*Notes:**

Note #1 – Will require 120VAC Dual, 20 AMP Circuit in MDF Location for Wall mounted Rack

Note #2 – Conduit for ALL new IP Cameras will be Home run back to MDF

Note #3 – All new Conduit shall have pull strings installed

Description	Quantity
 HANWHA XNV-8020R (5MP IR Outdoor Dome)	5
 HANWHA-PNM-9085RQZ (5MP x 4CH IR PTRZ Multi-Directional Camera)	3
 HANWHA-QNF-8010 (FISHEYE 6MP 360 Indoor Camera)	5



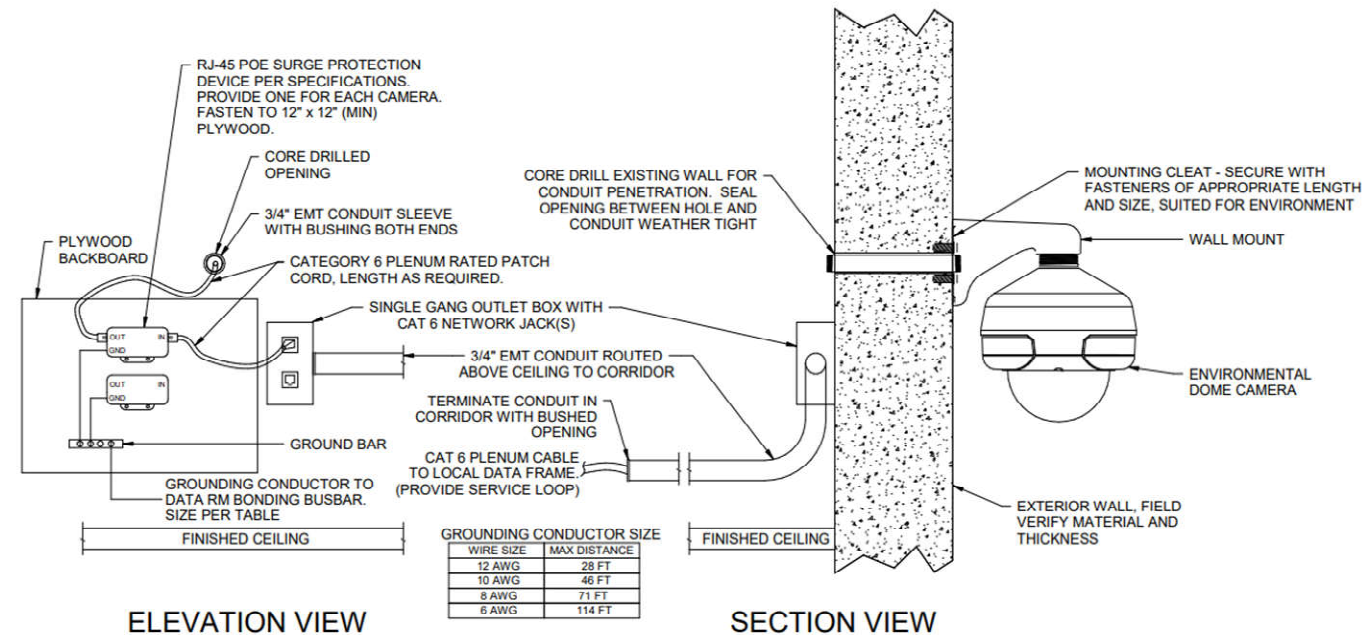
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42 Piedmont Drive (Suite 201)  
Winder Georgia 30680  
Office: (706) 298.2734  
Fax: (706) 298.2734

## IP Surveillance Layout

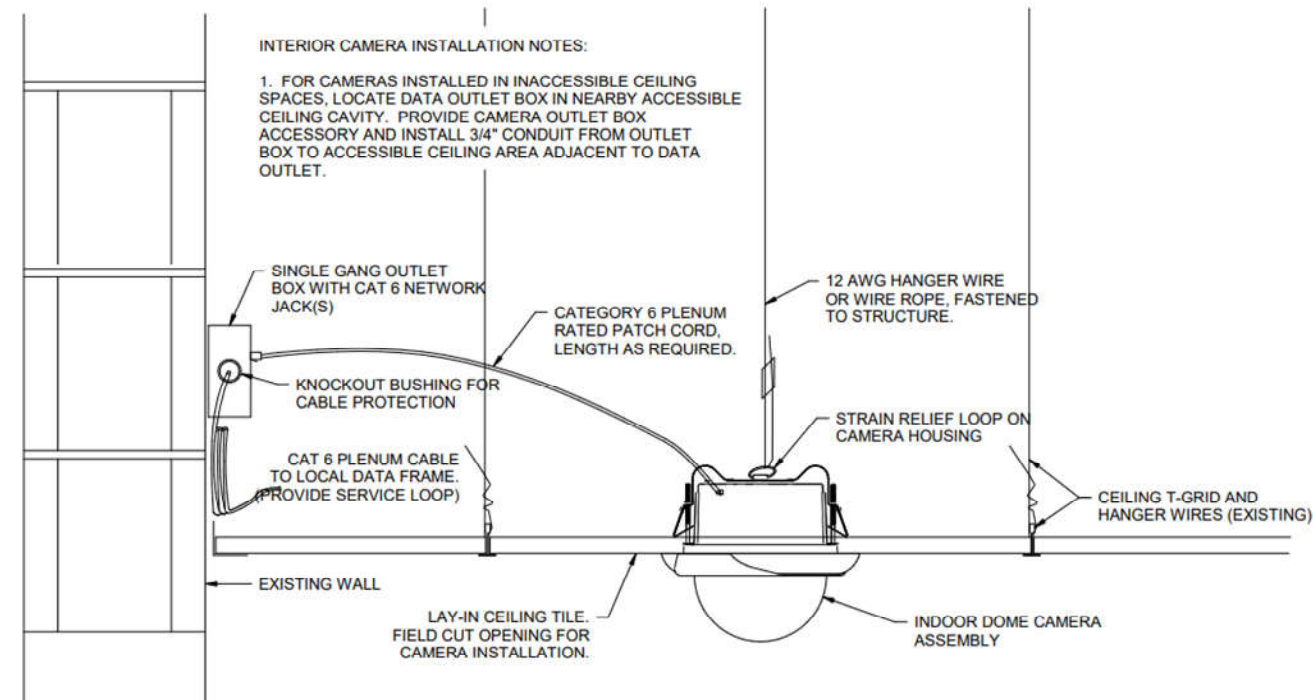
### Fayette County Animal Shelter (Print # A-101)

Project Number: ATS-2022-121  
Date: 2022  
Issue Number: One  
Design/Drawn By: XXX  
Sheet Title: Infrastructure Plan  
SHEET NUMBER: 3





**2 DETAIL - INSTALLATION OF IP CAMERA DATA DROP FOR EXTERIOR CAMERAS**  
NO SCALE



**3 DETAIL - INSTALLATION OF IP CAMERA DATA DROP FOR INTERIOR CAMERAS**  
NO SCALE



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## Typical IP Camera Installation (Interior & Exterior)

Project Number: ATS-2022-121  
Date: 2022  
Issue Number: One  
Design/Drawn By: XXX  
Sheet Title: Infrastructure Plan  
SHEET NUMBER: 4

# Exhibit 2



Figure 1 consists of five diagrams labeled (A) through (E), illustrating the construction of a rectangular box with a lid. Each diagram shows a different stage or view of the box and its net.

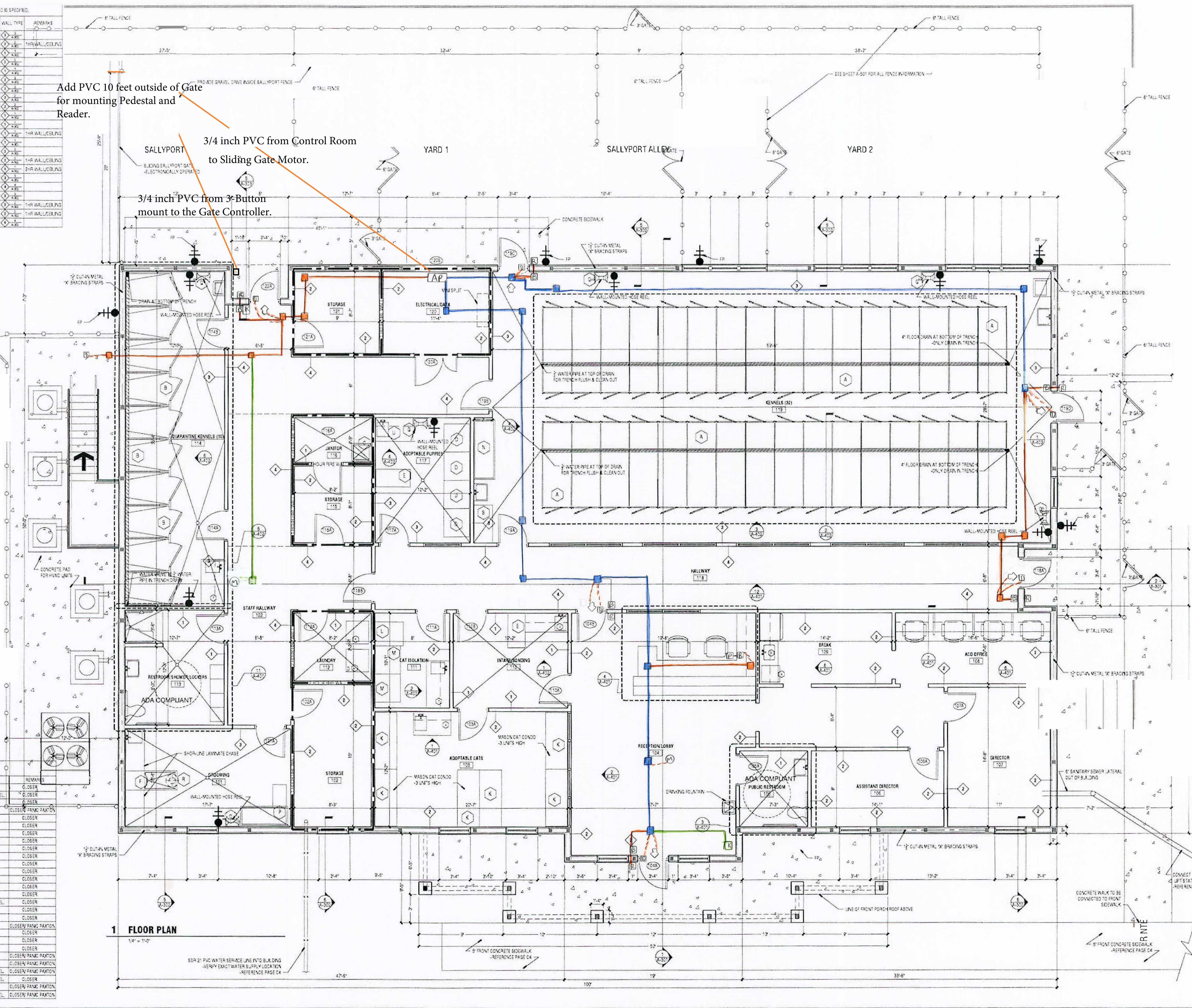
- (A)** Shows the unfolded net of the box. It consists of a central rectangle of width  $2w$  and height  $h$ , with two side flaps of width  $w$  and height  $h$  attached to the sides. The total width is  $4w$  and the total height is  $h$ .
- (B)** Shows the box with a lid. The lid is a rectangle of width  $2w$  and height  $h$  attached to the top of the box. The box has a height of  $h$  and a width of  $2w$ .
- (C)** Shows the box with a lid. The lid is a rectangle of width  $2w$  and height  $h$  attached to the top of the box. The box has a height of  $h$  and a width of  $2w$ .
- (D)** Shows the box with a lid. The lid is a rectangle of width  $2w$  and height  $h$  attached to the top of the box. The box has a height of  $h$  and a width of  $2w$ .
- (E)** Shows the box with a lid. The lid is a rectangle of width  $2w$  and height  $h$  attached to the top of the box. The box has a height of  $h$  and a width of  $2w$ .

EQUIPMENT LIST FOR THE 100TH AIRBORNE AIRBORNE DIVISION				
NO.	ITEM	QUANTITY	UNIT	REMARKS
1	WALKER (M-1)	100	EA	
2	WALKER (M-2)	100	EA	
3	WALKER (M-3)	100	EA	
4	WALKER (M-4)	100	EA	
5	WALKER (M-5)	100	EA	
6	WALKER (M-6)	100	EA	
7	WALKER (M-7)	100	EA	
8	WALKER (M-8)	100	EA	
9	WALKER (M-9)	100	EA	
10	WALKER (M-10)	100	EA	
11	WALKER (M-11)	100	EA	
12	WALKER (M-12)	100	EA	
13	WALKER (M-13)	100	EA	
14	WALKER (M-14)	100	EA	
15	WALKER (M-15)	100	EA	
16	WALKER (M-16)	100	EA	
17	WALKER (M-17)	100	EA	
18	WALKER (M-18)	100	EA	
19	WALKER (M-19)	100	EA	
20	WALKER (M-20)	100	EA	
21	WALKER (M-21)	100	EA	
22	WALKER (M-22)	100	EA	
23	WALKER (M-23)	100	EA	
24	WALKER (M-24)	100	EA	
25	WALKER (M-25)	100	EA	
26	WALKER (M-26)	100	EA	
27	WALKER (M-27)	100	EA	
28	WALKER (M-28)	100	EA	
29	WALKER (M-29)	100	EA	
30	WALKER (M-30)	100	EA	
31	WALKER (M-31)	100	EA	
32	WALKER (M-32)	100	EA	
33	WALKER (M-33)	100	EA	
34	WALKER (M-34)	100	EA	
35	WALKER (M-35)	100	EA	
36	WALKER (M-36)	100	EA	
37	WALKER (M-37)	100	EA	
38	WALKER (M-38)	100	EA	
39	WALKER (M-39)	100	EA	
40	WALKER (M-40)	100	EA	
41	WALKER (M-41)	100	EA	
42	WALKER (M-42)	100	EA	
43	WALKER (M-43)	100	EA	
44	WALKER (M-44)	100	EA	
45	WALKER (M-45)	100	EA	
46	WALKER (M-46)	100	EA	
47	WALKER (M-47)	100	EA	
48	WALKER (M-48)	100	EA	
49	WALKER (M-49)	100	EA	
50	WALKER (M-50)	100	EA	
51	WALKER (M-51)	100	EA	
52	WALKER (M-52)	100	EA	
53	WALKER (M-53)	100	EA	
54	WALKER (M-54)	100	EA	
55	WALKER (M-55)	100	EA	
56	WALKER (M-56)	100	EA	
57	WALKER (M-57)	100	EA	
58	WALKER (M-58)	100	EA	
59	WALKER (M-59)	100	EA	
60	WALKER (M-60)	100	EA	
61	WALKER (M-61)	100	EA	
62	WALKER (M-62)	100	EA	
63	WALKER (M-63)	100	EA	
64	WALKER (M-64)	100	EA	
65	WALKER (M-65)	100	EA	
66	WALKER (M-66)	100	EA	
67	WALKER (M-67)	100	EA	
68	WALKER (M-68)	100	EA	
69	WALKER (M-69)	100	EA	
70	WALKER (M-70)	100	EA	
71	WALKER (M-71)	100	EA	
72	WALKER (M-72)	100	EA	
73	WALKER (M-73)	100	EA	
74	WALKER (M-74)	100	EA	
75	WALKER (M-75)	100	EA	
76	WALKER (M-76)	100	EA	
77	WALKER (M-77)	100	EA	
78	WALKER (M-78)	100	EA	
79	WALKER (M-79)	100	EA	
80	WALKER (M-80)	100	EA	
81	WALKER (M-81)	100	EA	
82	WALKER (M-82)	100	EA	
83	WALKER (M-83)	100	EA	
84	WALKER (M-84)	100	EA	
85	WALKER (M-85)	100	EA	
86	WALKER (M-86)	100	EA	
87	WALKER (M-87)	100	EA	
88	WALKER (M-88)	100	EA	
89	WALKER (M-89)	100	EA	
90	WALKER (M-90)	100	EA	
91	WALKER (M-91)	100	EA	
92	WALKER (M-92)	100	EA	
93	WALKER (M-93)	100	EA	
94	WALKER (M-94)	100	EA	
95	WALKER (M-95)	100	EA	
96	WALKER (M-96)	100	EA	
97	WALKER (M-97)	100	EA	
98	WALKER (M-98)	100	EA	
99	WALKER (M-99)	100	EA	
100	WALKER (M-100)	100	EA	

- [illegible]

DOOR SCHEDULE - NOTE: PROVIDE FRAME INSULATION AT ALL EXTERIOR DOORS								
DOOR NO.	DOOR SIZE	DOOR TYPE	DOOR	DOOR FINISH	FRAME	FRAME FINISH	GLAZING	REMARKS
101A	3'-0" x 7'-0"	A	H.M.	P.T.	H.M.	P.T.		CLOSER
102A	3'-0" x 7'-0"	C	H.M.	P.T.	H.M.	P.T.	20 MIN. C LABEL	CLOSER
103A	3'-0" x 7'-0"	C	H.M.	P.T.	H.M.	P.T.		CLOSER
104A	3'-0" x 7'-0"	B	INSUL.	P.T.	H.M.	P.T.		CLOSER - PANIC FUNCTION
104B	3'-0" x 7'-0"	C	H.M.	P.T.	H.M.	P.T.		CLOSER
105A	3'-0" x 7'-0"	A	H.M.	P.T.	H.M.	P.T.		CLOSER
106A	3'-0" x 7'-0"	C	H.M.	P.T.	H.M.	P.T.		CLOSER
107A	3'-0" x 7'-0"	C	H.M.	P.T.	H.M.	P.T.		CLOSER
110A	3'-0" x 7'-0"	C	H.M.	P.T.	H.M.	P.T.		CLOSER
110B	3'-0" x 7'-0"	C	H.M.	P.T.	H.M.	P.T.		CLOSER
111A	3'-0" x 7'-0"	C	H.M.	P.T.	H.M.	P.T.		CLOSER
112A	3'-0" x 7'-0"	C	H.M.	P.T.	H.M.	P.T.	30 MIN.	CLOSER
113A	3'-0" x 7'-0"	A	H.M.	P.T.	H.M.	P.T.		CLOSER
114A	3'-0" x 7'-0"	C	H.M.	P.T.	H.M.	P.T.		CLOSER
114B	3'-0" x 7'-0"	C	H.M.	P.T.	H.M.	P.T.		CLOSER
115A	3'-0" x 7'-0"	A	H.M.	P.T.	H.M.	P.T.	20 MIN. C LABEL	CLOSER
116A	3'-0" x 7'-0"	A	H.M.	P.T.	H.M.	P.T.	30 MIN.	CLOSER
117A	3'-0" x 7'-0"	A	H.M.	P.T.	H.M.	P.T.		CLOSER
118A	3'-0" x 7'-0"	C	INSUL.	P.T.	H.M.	P.T.		CLOSER - PANIC FUNCTION
118B	3'-0" x 7'-0"	A	H.M.	P.T.	H.M.	P.T.		CLOSER
118A	3'-0" x 7'-0"	C	H.M.	P.T.	H.M.	P.T.		CLOSER
119B	3'-0" x 7'-0"	C	H.M.	P.T.	H.M.	P.T.		CLOSER
119C	3'-0" x 7'-0"	C	INSUL.	P.T.	H.M.	P.T.		CLOSER - PANIC FUNCTION
119D	3'-0" x 7'-0"	C	INSUL.	P.T.	H.M.	P.T.		CLOSER - PANIC FUNCTION
120A	4'-0" x 7'-0"	D	H.M.	P.T.	H.M.	P.T.	20 MIN. C LABEL	CLOSER - PANIC FUNCTION
121A	3'-0" x 7'-0"	A	H.M.	P.T.	H.M.	P.T.	20 MIN. C LABEL	CLOSER
122A	3'-0" x 7'-0"	C	INSUL.	P.T.	H.M.	P.T.		CLOSER - PANIC FUNCTION
203A	3'-0" x 7'-0"	E	INSUL.	P.T.	H.M.	P.T.	20 MIN. C LABEL	CLOSER - PANIC FUNCTION

★ ACCESS DOOR TO ATOMIC MECHANICAL ROOM

[illegible]

CONSULTANTS	
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**CARTER WATKINS ASSOCIATES**  
**ARCHITECTS, INC.**

POST OFFICE BOX 1064  
137 EAST WASHINGTON STREET  
MONROE, GEORGIA 30655  
Fax: 770.267.1664  
email@carterwatkins.com      www.carterwatkins.com

**FAYETTE COUNTY  
ANIMAL SHELTER  
PEACHTREE CITY, GEORGIA**

SHEET TITLE: FLOOR PLAN	NUMBER:
PRINTED:	<b>A-101</b>



April 30, 2020 | USHARED CAD Projects 2019V, Fayette County Annual ShelterInPlaceUS-101 LIFE SAFETY PLAN.dwg



# EXHIBIT 3



# Envelope Compliance Certificate

## Project Information

Energy Code: 2015 IECC  
Project Title: FAYETTE COUNTY ANIMAL SHELTER  
Location: Fayetteville, Georgia  
Climate Zone: 3a  
Project Type: New Construction

Construction Site:

Owner/Agent:

Designer/Contractor:

## Additional Efficiency Package(s)

Reduced interior lighting power. Requirements are implicitly enforced within interior lighting allowance calculations.

## Building Area

## Floor Area

1-Animal Shelter (Office) : Nonresidential

6000

## Envelope Assemblies

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U- Factor <sup>(a)</sup>
Floor 1: Slab-On-Grade: Unheated, Horizontal with vertical 4 ft., [Bldg. Use 1 - Animal Shelter] (b)	320	---	0.8	0.720	0.720
Roof 1: Attic Roof with Wood Joists, [Bldg. Use 1 - Animal Shelter]	6200	49.0	0.0	0.021	0.027
<b>NORTH</b>					
Exterior Wall 1: Wood-Framed, 16" o.c., [Bldg. Use 1 - Animal Shelter]	1029	21.0	5.0	0.045	0.064
Door 1: Uninsulated Double-Layer Metal, Swinging, [Bldg. Use 1 - Animal Shelter]	63	---	---	0.380	0.610
<b>EAST</b>					
Exterior Wall 3: Wood-Framed, 16" o.c., [Bldg. Use 1 - Animal Shelter]	666	21.0	5.0	0.045	0.064
Door 2: Insulated Metal, Swinging, [Bldg. Use 1 - Animal Shelter]	42	---	---	0.380	0.610
<b>SOUTH</b>					
Exterior Wall 2: Wood-Framed, 16" o.c., [Bldg. Use 1 - Animal Shelter]	1063	21.0	5.0	0.045	0.064
Door 3: Insulated Metal, Swinging, [Bldg. Use 1 - Animal Shelter]	21	---	---	0.380	0.610
<b>WEST</b>					
Exterior Wall 4: Wood-Framed, 16" o.c., [Bldg. Use 1 - Animal Shelter]	1200	21.0	5.0	0.045	0.064

(a) Budget U-factors are used for software baseline calculations ONLY, and are not code requirements.

(b) Slab-On-Grade proposed and budget U-factors shown in table are F-factors.

### Envelope Compliance Statement

*Compliance Statement:* The proposed envelope design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed envelope systems have been designed to meet the 2015 IECC requirements in COMcheck Version 4.1.5.1 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

\_\_\_\_\_  
Name - Title

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

Director of Urban Design



# Interior Lighting Compliance Certificate

## Project Information

Energy Code: 2015 IECC  
Project Title: FAYETTE COUNTY ANIMAL SHELTER  
Project Type: New Construction

Construction Site: Owner/Agent: Designer/Contractor:

## Additional Efficiency Package(s)

Reduced interior lighting power. Requirements are implicitly enforced within interior lighting allowance calculations.

## Allowed Interior Lighting Power

A Area Category	B Floor Area (ft <sup>2</sup> )	C Allowed Watts / ft <sup>2</sup>	D Allowed Watts (B X C)
1-Animal Shelter (Office)	6000	0.74	4428
Total Allowed Watts =			4428

## Proposed Interior Lighting Power

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
1-Animal Shelter (Office)				
A: LED Panel 33W:	1	42	32	1344
B: LED Panel 33W:	1	11	31	341
C: LED Panel 33W:	1	20	30	600
D: LED Panel 36W:	1	10	36	360
E: LED PAR 11W:	1	13	11	146
G: LED Linear 22W:	1	11	37	407
K: LED Other Fixture Unit 90W:	1	1	90	90
L: LED Linear 33W:	1	6	33	198
Total Proposed Watts =				3486

**Interior Lighting PASSES: Design 21% better than code**

## Interior Lighting Compliance Statement

*Compliance Statement:* The proposed interior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 2015 IECC requirements in COMcheck Version 4.1.5.1 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Thomas Higgins, Elec. Engineer

Name - Title

Signature

08/30/2022

Date





# Exterior Lighting Compliance Certificate

## Project Information

Energy Code: 2015 IECC  
Project Title: FAYETTE COUNTY ANIMAL SHELTER  
Project Type: New Construction  
Exterior Lighting Zone: 2 (Residential mixed use area)

Construction Site: Owner/Agent: Designer/Contractor:

## Allowed Exterior Lighting Power

A Area/Surface Category	B Quantity	C Allowed Watts / Unit	D Tradable Wattage	E Allowed Watts (B X C)
Entrance (Entry canopy)	284 ft2	0.25	Yes	71
Quarantine Stairway (Stairway)	65 ft2	1	Yes	65
North Exterior (Other door (not main entry))	6 ft of door	20	Yes	120
North Exterior (Walkway < 10 feet wide)	45 ft of	0.7	Yes	32
West Exterior (Special feature area)	200 ft2	0.14	Yes	28
Yard 1 Door (Other door (not main entry))	1 ft of door	20	Yes	20
Plan East (Walkway < 10 feet wide)	12 ft of	0.7	Yes	8
Plan East (Walkway >= 10 feet wide)	25 ft2	0.14	Yes	4
Plan East (Walkway < 10 feet wide)	33 ft of	0.7	Yes	23
Plan West (Other door (not main entry))	3 ft of door	20	Yes	60
Total Tradable Watts (a) =				430
Total Allowed Watts =				430
Total Allowed Supplemental Watts (b) =				600

(a) Wattage tradeoffs are only allowed between tradable areas/surfaces.

(b) A supplemental allowance equal to 600 watts may be applied toward compliance of both non-tradable and tradable areas/surfaces.

## Proposed Exterior Lighting Power

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
<u>Entrance ( Entry canopy 284 ft2): Tradable Wattage</u>				
F: LED A Lamp 25W:	1	7	22	157
H: LED A Lamp 25W:	1	2	24	48
<u>Quarantine Stairway ( Stairway 65 ft2): Tradable Wattage</u>				
H: LED A Lamp 25W:	1	1	24	24
J: LED Other Fixture Unit 80W:	1	1	75	75
<u>North Exterior ( Other door (not main entry) 6 ft of door width): Tradable Wattage</u>				
H: LED A Lamp 25W:	1	1	24	24
J: LED Other Fixture Unit 80W:	1	1	75	75
<u>North Exterior ( Walkway &lt; 10 feet wide 45 ft of walkway length): Tradable Wattage</u>				
J: LED Other Fixture Unit 80W:	1	1	75	75
<u>West Exterior ( Special feature area 200 ft2): Tradable Wattage</u>				
J: LED Other Fixture Unit 80W:	1	2	75	150

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
<u>Yard 1 Door ( Other door (not main entry) 1 ft of door width): Tradable Wattage</u>				
J: LED Other Fixture Unit 80W:	1	1	75	75
<u>Plan East ( Walkway &lt; 10 feet wide 12 ft of walkway length): Tradable Wattage</u>				
J: LED Other Fixture Unit 80W:	1	1	75	75
<u>Plan East ( Walkway &gt;= 10 feet wide 25 ft2): Tradable Wattage</u>				
J: LED Other Fixture Unit 80W:	1	1	75	75
<u>Plan East ( Walkway &lt; 10 feet wide 33 ft of walkway length): Tradable Wattage</u>				
J: LED Other Fixture Unit 80W:	1	1	75	75
<u>Plan West ( Other door (not main entry) 3 ft of door width): Tradable Wattage</u>				
H: LED A Lamp 25W:	1	1	24	24
J: LED Other Fixture Unit 80W:	1	1	75	75
Total Tradable Proposed Watts =				1026

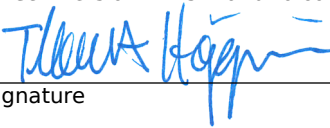
### Exterior Lighting PASSES: Design 0.5% better than code

#### Exterior Lighting Compliance Statement

*Compliance Statement:* The proposed exterior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed exterior lighting systems have been designed to meet the 2015 IECC requirements in COMcheck Version 4.1.5.1 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Thomas Higgins, Elec. Engineer

Name - Title



Signature

08/30/2022

Date



# Inspection Checklist

Energy Code: 2015 IECC

Requirements: 0.0% were addressed directly in the COMcheck software

Text in the "Comments/Assumptions" column is provided by the user in the COMcheck Requirements screen. For each requirement, the user certifies that a code requirement will be met and how that is documented, or that an exception is being claimed. Where compliance is itemized in a separate table, a reference to that table is provided.

Section # & Req.ID	Plan Review	Complies?	Comments/Assumptions
C103.2 [PR1] <sup>1</sup>	Plans and/or specifications provide all information with which compliance can be determined for the building envelope and document where exceptions to the standard are claimed.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C103.2 [PR4] <sup>1</sup>	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the interior lighting and electrical systems and equipment and document where exceptions to the standard are claimed. Information provided should include interior lighting power calculations, wattage of bulbs and ballasts, transformers and control devices.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C103.2 [PR8] <sup>1</sup>	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the exterior lighting and electrical systems and equipment and document where exceptions to the standard are claimed. Information provided should include exterior lighting power calculations, wattage of bulbs and ballasts, transformers and control devices.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C402.4.1 [PR10] <sup>1</sup>	The vertical fenestration area <= 30 percent of the gross above-grade wall area.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C402.4.1 [PR11] <sup>1</sup>	The skylight area <= 3 percent of the gross roof area.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	

1 High Impact (Tier 1)    2 Medium Impact (Tier 2)    3 Low Impact (Tier 3)

Section # & Req.ID	Plan Review	Complies?	Comments/Assumptions
C402.4.2 [PR14] <sup>1</sup>	In enclosed spaces > 2,500 ft <sup>2</sup> directly under a roof with ceiling heights >15 ft. and used as an office, lobby, atrium, concourse, corridor, storage, gymnasium/exercise center, convention center, automotive service, manufacturing, non-refrigerated warehouse, retail store, distribution/sorting area, transportation, or workshop, the following requirements apply: (a) the daylight zone under skylights is >= half the floor area; (b) the skylight area to daylight zone is >= 3 percent with a skylight VT >= 0.40; or a minimum skylight effective aperture >= 1 percent.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	

**Additional Comments/Assumptions:**

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)
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Section # & Req.ID	Footing / Foundation Inspection	Complies?	Comments/Assumptions
C303.2 [FO4] <sup>2</sup>	Slab edge insulation installed per manufacturer's instructions.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C303.2.1 [FO6] <sup>1</sup>	Exterior insulation protected against damage, sunlight, moisture, wind, landscaping and equipment maintenance activities.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C104 [FO3] <sup>2</sup>	Installed slab-on-grade insulation type and R-value consistent with insulation specifications reported in plans and COMcheck reports.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Envelope Assemblies table for values.

**Additional Comments/Assumptions:**

☐ 1 High Impact (Tier 1)
 ☒ 2 Medium Impact (Tier 2)
 ☐ 3 Low Impact (Tier 3)

Section # & Req.ID	Framing / Rough-In Inspection	Complies?	Comments/Assumptions
C303.1.3 [FR12] <sup>2</sup>	Fenestration products rated in accordance with NFRC.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C303.1.3 [FR13] <sup>1</sup>	Fenestration products are certified as to performance labels or certificates provided.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C402.4.3 [FR10] <sup>1</sup>	Vertical fenestration SHGC value.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Envelope Assemblies table for values.
C402.4.3, C402.4.3.4 [FR8] <sup>1</sup>	Vertical fenestration U-Factor.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Envelope Assemblies table for values.
C402.4.4 [FR14] <sup>2</sup>	U-factor of opaque doors associated with the building thermal envelope meets requirements.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Envelope Assemblies table for values.
C402.5.1 [FR16] <sup>1</sup>	The building envelope contains a continuous air barrier that is sealed in an approved manner and either constructed or tested in an approved manner. Air barrier penetrations are sealed in an approved manner.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C402.5.2, C402.5.4 [FR18] <sup>3</sup>	Factory-built fenestration and doors are labeled as meeting air leakage requirements.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C402.5.7 [FR17] <sup>3</sup>	Vestibules are installed on all building entrances. Doors have self-closing devices.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	

**Additional Comments/Assumptions:**

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Section # & Req.ID	Mechanical Rough-In Inspection	Complies?	Comments/Assumptions
C402.5.5, C403.2.4.3 [ME3] <sup>3</sup>	Stair and elevator shaft vents have motorized dampers that automatically close.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	

**Additional Comments/Assumptions:**

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)
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Section # & Req.ID	Rough-In Electrical Inspection	Complies?	Comments/Assumptions
C405.2.1 [EL15] <sup>1</sup>	Lighting controls installed to uniformly reduce the lighting load by at least 50%.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C405.2.1 [EL18] <sup>1</sup>	Occupancy sensors installed in required spaces.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C405.2.1, C405.2.2, 3 [EL23] <sup>2</sup>	Independent lighting controls installed per approved lighting plans and all manual controls readily accessible and visible to occupants.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C405.2.2.1 [EL22] <sup>2</sup>	Automatic controls to shut off all building lighting installed in all buildings.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C405.2.3 [EL16] <sup>2</sup>	Daylight zones provided with individual controls that control the lights independent of general area lighting.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C405.2.3, C405.2.3.1, C405.2.3.2 [EL20] <sup>1</sup>	Primary sidelighted areas are equipped with required lighting controls.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C405.2.3, C405.2.3.1, C405.2.3.3 [EL21] <sup>1</sup>	Enclosed spaces with daylight area under skylights and rooftop monitors are equipped with required lighting controls.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C405.2.4 [EL4] <sup>1</sup>	Separate lighting control devices for specific uses installed per approved lighting plans.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C405.2.4 [EL8] <sup>1</sup>	Additional interior lighting power allowed for special functions per the approved lighting plans and is automatically controlled and separated from general lighting.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C405.2.5 [EL25] <sup>null</sup>	Automatic lighting controls for exterior lighting installed. Controls will be daylight controlled, set based on business operation time-of-day, or reduce connected lighting > 30%.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C405.3 [EL6] <sup>1</sup>	Exit signs do not exceed 5 watts per face.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	

**Additional Comments/Assumptions:**

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)
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1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)
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Section # & Req.ID	Insulation Inspection	Complies?	Comments/Assumptions
C303.1 [IN3] <sup>1</sup>	Roof insulation installed per manufacturer's instructions. Blown or poured loose-fill insulation is installed only where the roof slope is ≤ 3 in 12.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C303.1 [IN10] <sup>2</sup>	Building envelope insulation is labeled with R-value or insulation certificate providing R-value and other relevant data.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C303.2 [IN7] <sup>1</sup>	Above-grade wall insulation installed per manufacturer's instructions.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C303.2.1 [IN14] <sup>2</sup>	Exterior insulation is protected from damage with a protective material. Verification for exposed foundation insulation may need to occur during Foundation Inspection.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C402.2.1 [IN17] <sup>3</sup>	Insulation intended to meet the roof insulation requirements cannot be installed on top of a suspended ceiling. Mark this requirement compliant if insulation is installed accordingly.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C104 [IN6] <sup>1</sup>	Installed above-grade wall insulation type and R-value consistent with insulation specifications reported in plans and COMcheck reports.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Envelope Assemblies table for values.
C104 [IN8] <sup>2</sup>	Installed floor insulation type and R-value consistent with insulation specifications reported in plans and COMcheck reports.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Envelope Assemblies table for values.
C402.2.6 [IN18] <sup>3</sup>	Radiant panels and associated components, designed for heat transfer from the panel surfaces to the occupants or indoor space are insulated with a minimum of R-3.5.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C402.3 [IN5] <sup>3</sup>	High-albedo roofs satisfy one of the following: 3-year-aged solar reflectance ≥ 0.55 and thermal emittance ≥ 0.75 or 3-year-aged solar reflectance index ≥ 64.0.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C104 [IN2] <sup>1</sup>	Installed roof insulation type and R-value consistent with insulation specifications reported in plans and COMcheck reports. For some ceiling systems, verification may need to occur during Framing Inspection.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Envelope Assemblies table for values.
C402.5.1.1 [IN1] <sup>1</sup>	All sources of air leakage in the building thermal envelope are sealed, caulked, gasketed, weather stripped or wrapped with moisture vapor-permeable wrapping material to minimize air leakage.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	

**Additional Comments/Assumptions:**

1 High Impact (Tier 1)    2 Medium Impact (Tier 2)    3 Low Impact (Tier 3)

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)
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Section # & Req.ID	Final Inspection	Complies?	Comments/Assumptions
C303.3, C408.2.5.2 [FI17] <sup>3</sup>	Furnished O&M instructions for systems and equipment to the building owner or designated representative.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C402.5.3 [FI51] <sup>3</sup>	Where open combustion air ducts provide combustion air to open combustion fuel burning appliances, the appliances and combustion air opening are located outside the building thermal envelope or enclosed in a room, isolated from inside the thermal envelope. Such rooms are sealed and insulated.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C402.5.6 [FI37] <sup>1</sup>	Weatherseals installed on all loading dock cargo doors.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C402.5.8 [FI26] <sup>3</sup>	Recessed luminaires in thermal envelope to limit infiltration and be IC rated and labeled. Seal between interior finish and luminaire housing.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C405.4.1 [FI18] <sup>1</sup>	Interior installed lamp and fixture lighting power is consistent with what is shown on the approved lighting plans, demonstrating proposed watts are less than or equal to allowed watts.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Interior Lighting fixture schedule for values.
C405.5.1 [FI19] <sup>1</sup>	Exterior lighting power is consistent with what is shown on the approved lighting plans, demonstrating proposed watts are less than or equal to allowed watts.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Exterior Lighting fixture schedule for values.
C408.2.5.1 [FI16] <sup>3</sup>	Furnished as-built drawings for electric power systems within 90 days of system acceptance.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C408.3 [FI33] <sup>1</sup>	Lighting systems have been tested to ensure proper calibration, adjustment, programming, and operation.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	

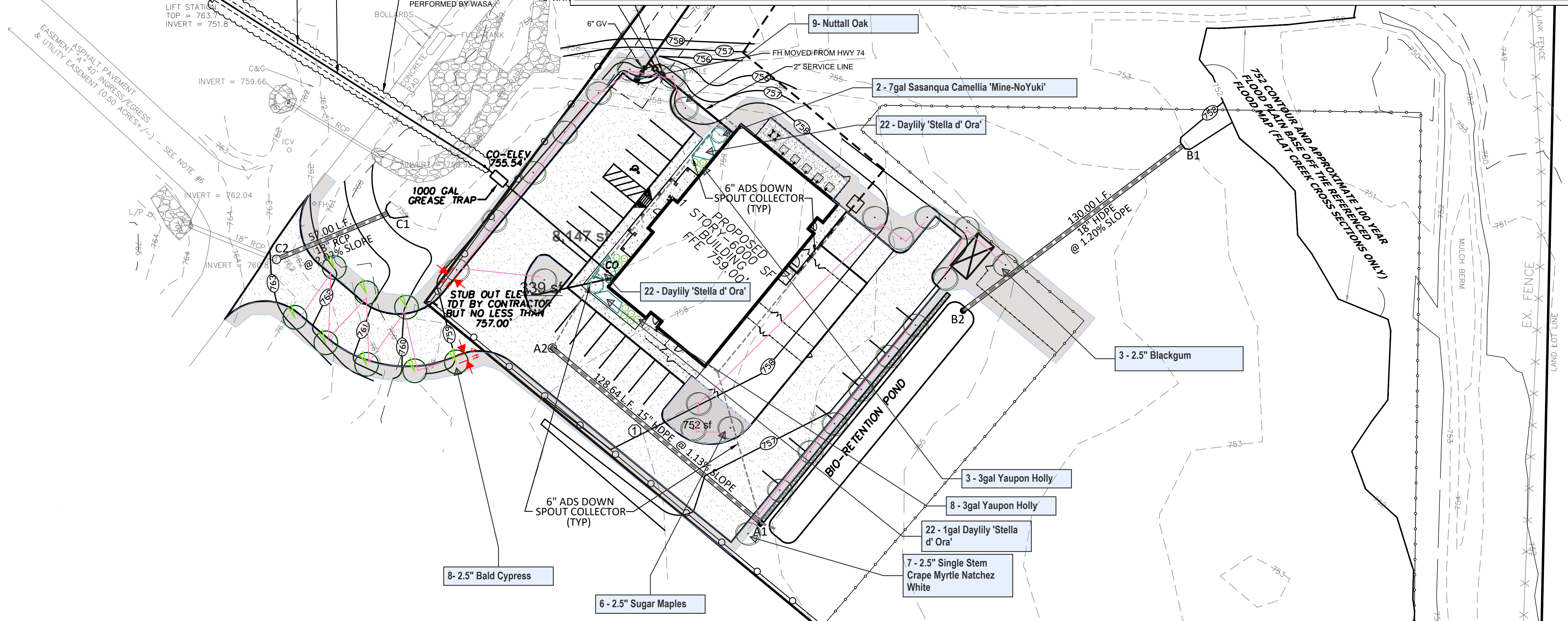
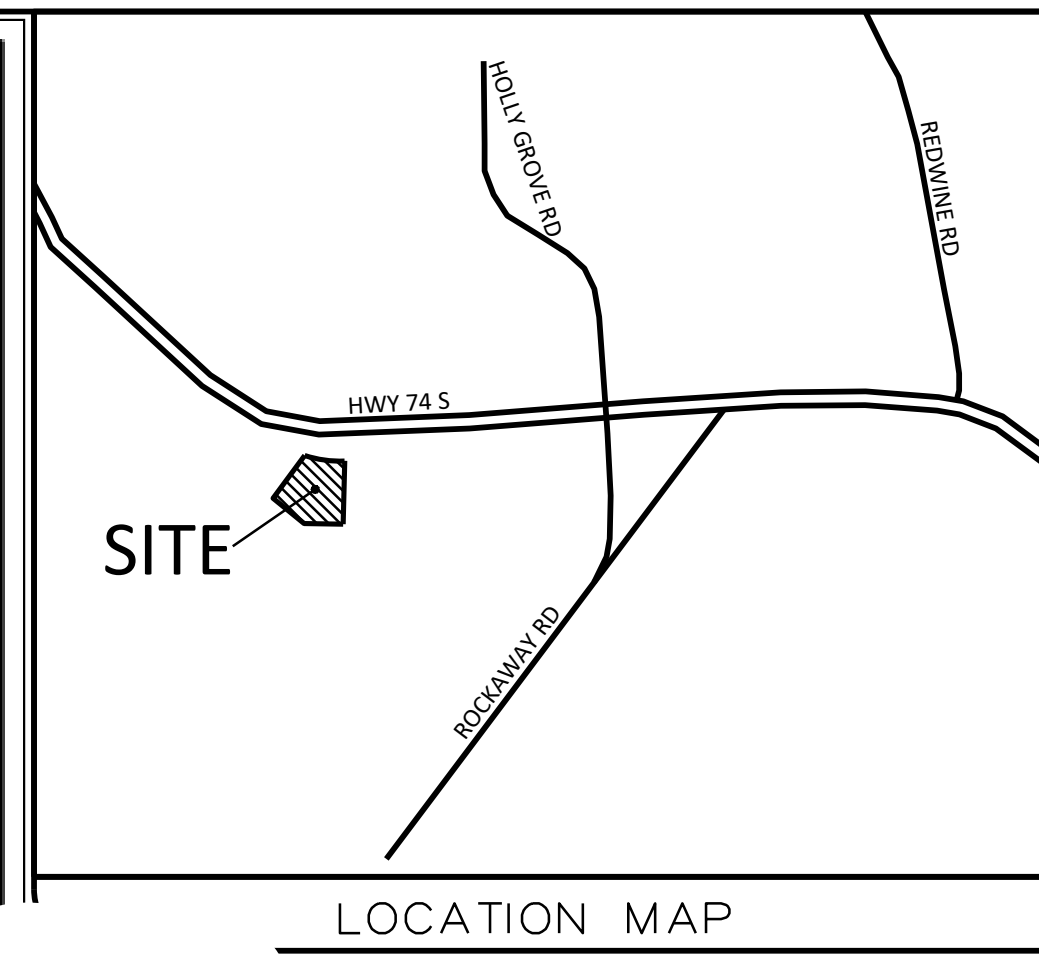
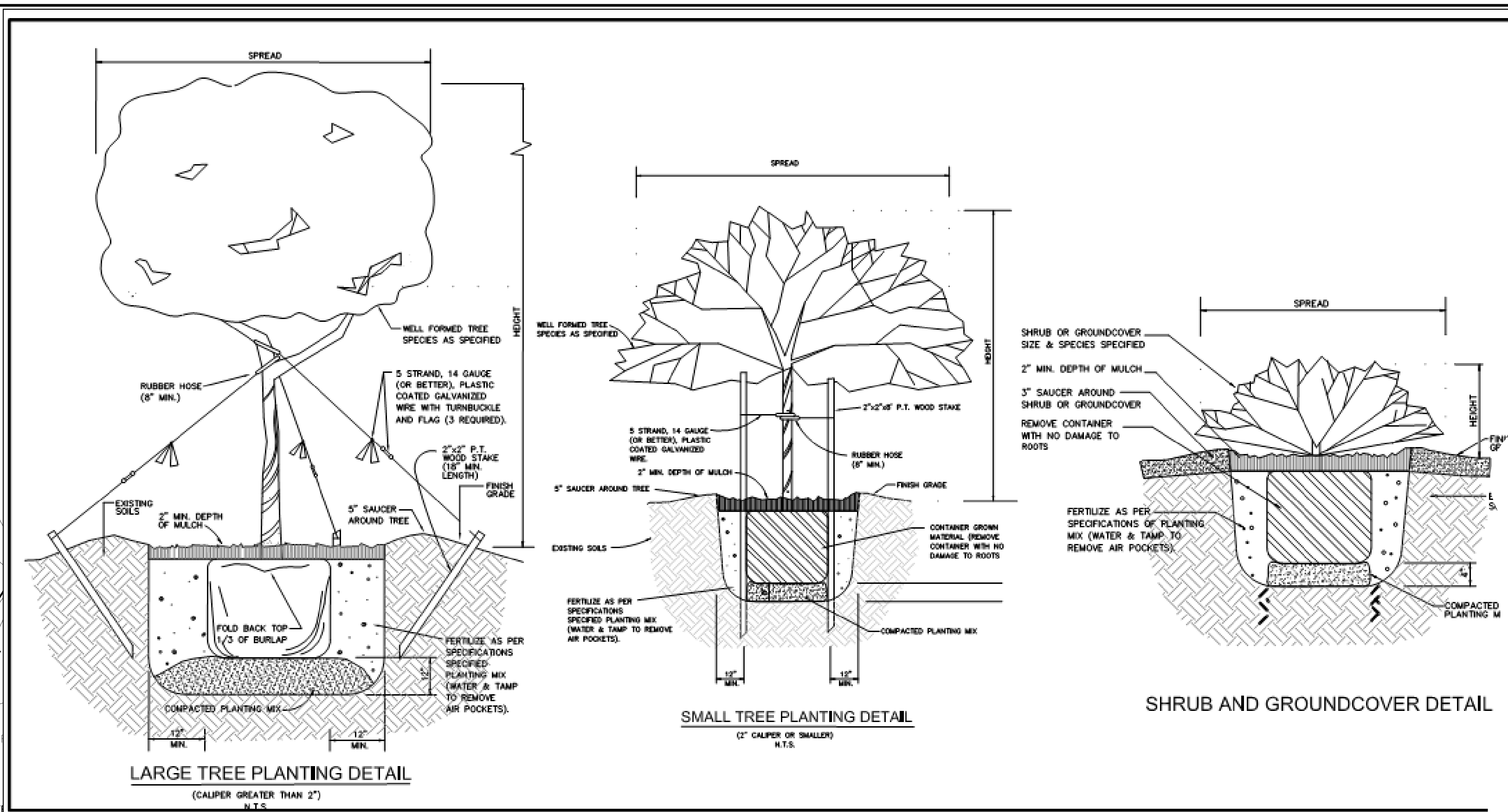
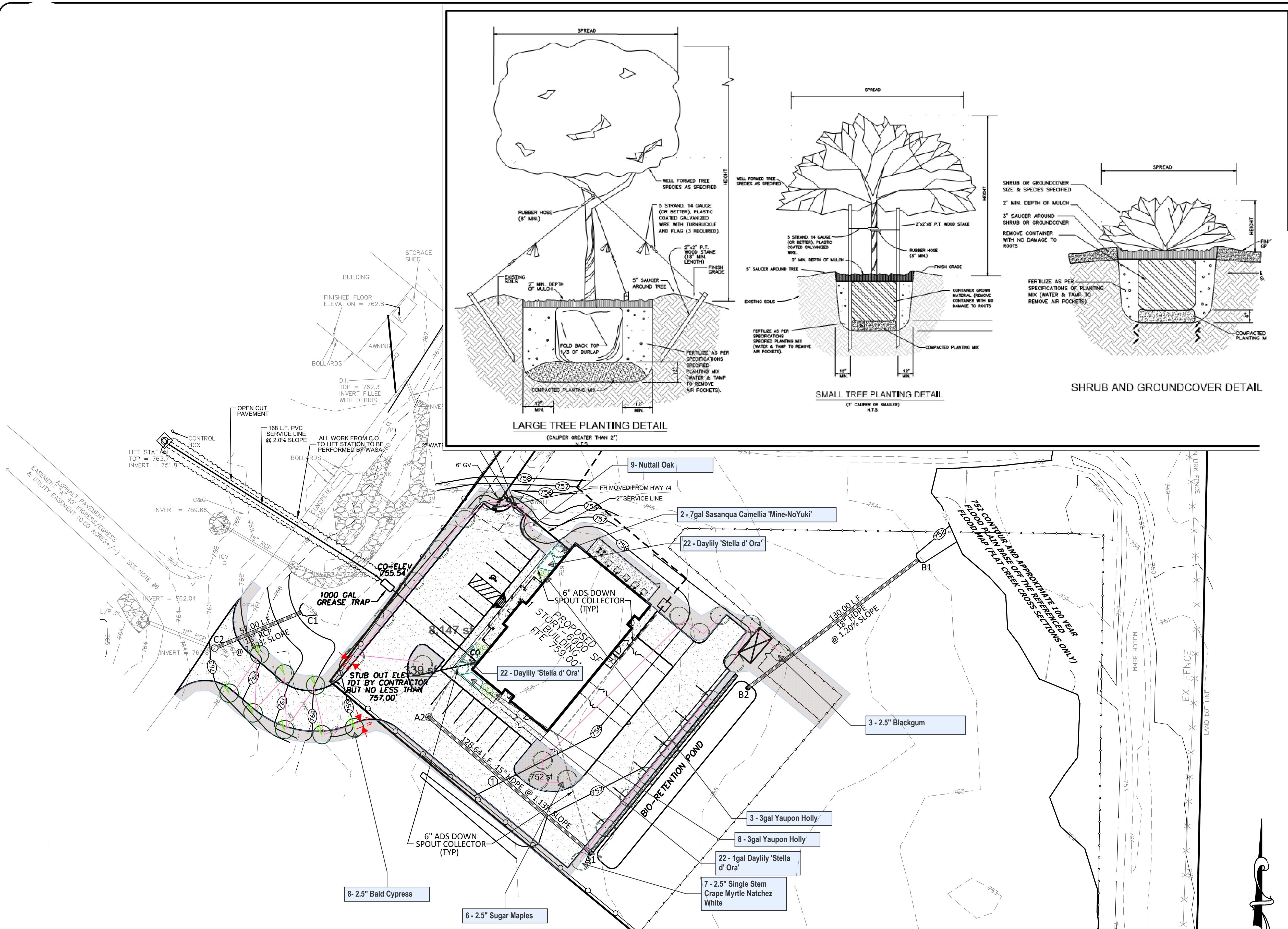
**Additional Comments/Assumptions:**

1 High Impact (Tier 1)	2 Medium Impact (Tier 2)	3 Low Impact (Tier 3)
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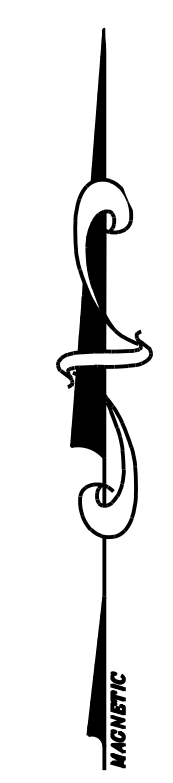
# EXHIBIT 4





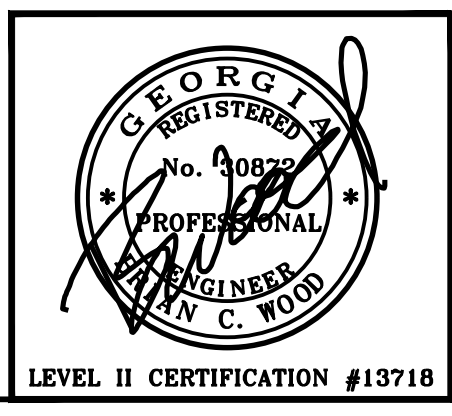
Sodded areas to be installed off of the edge of paving as shown.  
Grass type: Centipede sod  
Measurement shaded: Total 9400 sf as shown  
Trees & Shrubs should be planted between Oct - Dec.

Trees:	Size	Spacing
9 - 2.5" Nuttall Oak - Quercus nuttallii	2.5'/6" high	As shown (4' from pavement edge min)
8 - 2.5" Bald Cypress - Taxodium distichum	2.5'/6" high	As shown (4' from pavement edge min)
5 - 2.5" White Crape Myrtle "Natchez" - Lagerstroemia indica x fauriei "Natchez"	2.5'/6" single stem	As shown (2.5' from pavement edge min)
6 - 2.5" Sugar Maple "Legacy" - Acer saccharum	2.5'/6" high	As shown (4' from pavement edge min)
3 - 2.5" Blackgum "Wildfire" - Nyssa sylvatica	2.5'/6" high	As shown (4' from pavement edge min)
Shrubs and Ground cover:	Size	Spacing
11 - Yaupon Holly "Bordeaux" - Ilex vomitoria	3gal/2' high	3' spacing
2 - Sasanqua Camellia "Mine-No-Yuki" White flower (Alternate -7gal Tea Olive)	7gal/4' high	5' spacing
66 - Daylily "Stella d' Ora"	1gal/12"high	18" spacing



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FAYETTE COUNTY GEORGIA  
140 STONEWALL AVE WEST  
FAYETTEVILLE, GA 30214  
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UTILITY PLAN FOR:  
FAYETTE COUNTY  
ANIMAL CONTROL SHELTER  
PEACHTREE CITY, GEORGIA

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LL/DISTRICT	COUNTY	CITY
33/6	FAYETTE	PEACHTREE CITY

DATE  
08/16/21

SHEET  
C3