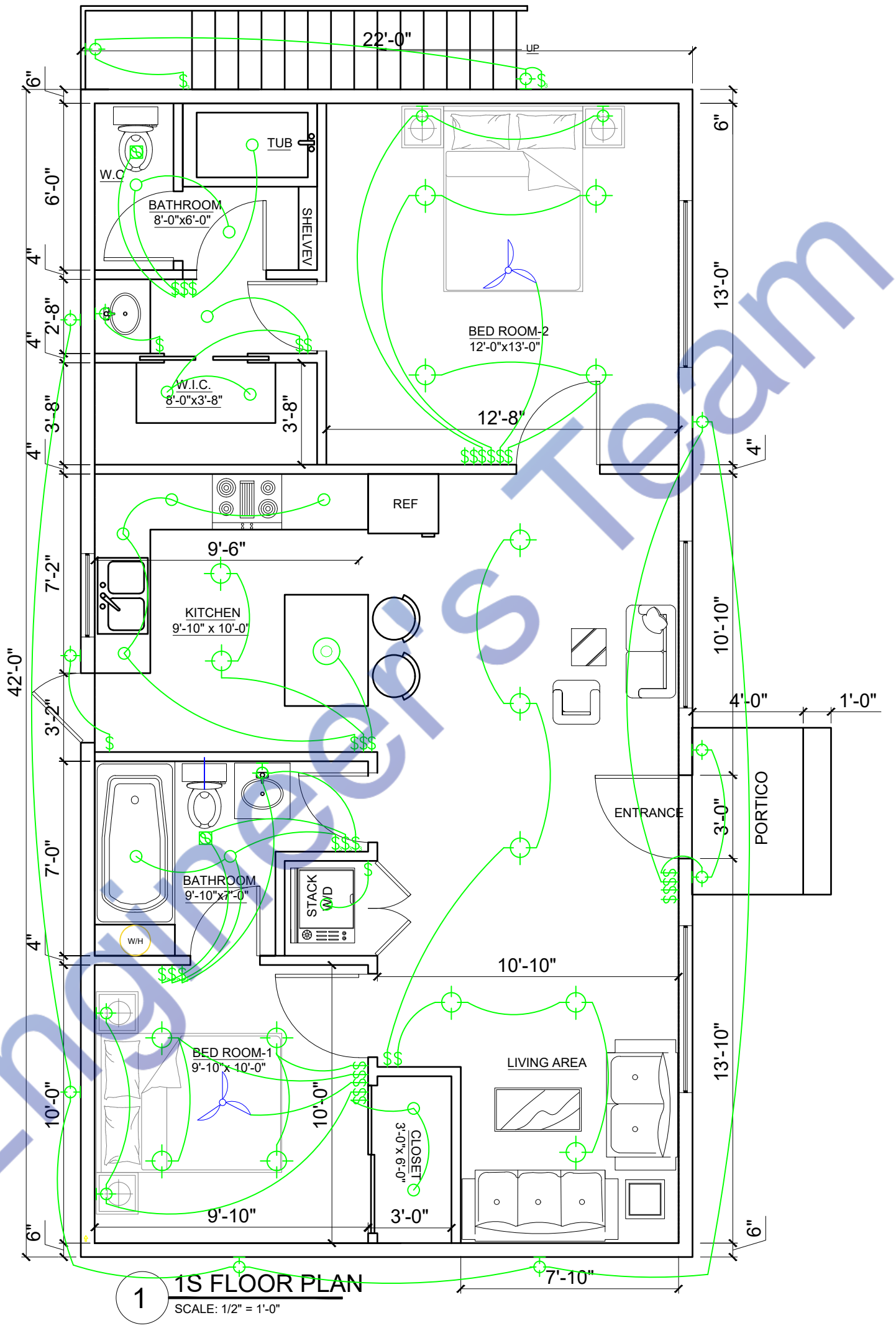
ELECTRICAL LEGEND

- 20W CEILING MOUNT LED LIGHT
- 10W CEILING MOUNT LED LIGHT
- 40W LED TUBE LIGHT 4 FEET
- ONE WAY SWITCH 220V
- MULTI SOCKET OUTLET 220V
- 30W WALL MOUNTED LED LIGHT
- 60W CEILING FAN 220V
- SUB DISTRIBUTION BOARD
- MAIN DISTRIBUTION BOARD
- 40W BATHROOM EXHAUST FAN
- CALLING BELL



1 1S FLOOR PLAN

SCALE: 1/2" = 1'-0"

DRAWINGS PROVIDED BY:
IAC ARCHITECTS &CONSULTANS
ENGINEERING SOLUTION ARCHITECTURE, (M.E.P) CONSULTANT,QUANTITY SURVEYOR,
www.fiverr.com/kami_filler

STAMP

ALTHOUGH GREAT EFFORT AND CARE HAVE GONE INTO THE PREPARATION OF THIS HOME PLAN, IT IS IMPOSSIBLE TO AFFECT ANY CONTROL OVER THE ACTUAL CONSTRUCTION. FOR THAT REASON AND DUE TO THE MANY JURISDICTIONAL DIFFERENCES IN LOCAL BUILDING CODE REQUIREMENTS AND OTHER LOCAL SEISMIC AND WEATHER CONDITIONS, "IAC" ASSUMES NO RESPONSIBILITY FOR ANY DAMAGES, MONETARY OR OTHERWISE, INCLUDING STRUCTURAL FAILURES DUE TO ANY DEFICIENCIES, OMISSIONS, OR ERRORS IN THE DESIGN. HOME PLANS ARE GENERAL IN NATURE. IT IS THE RESPONSIBILITY OF THE OWNER AND BUILDER TO CONSULT A LOCAL ARCHITECT OR ENGINEER AND TO CHECK WITH LOCAL BUILDING OFFICIALS BEFORE THE START OF CONSTRUCTION. ADDITIONAL ENGINEERING AND DESIGN MAY BE REQUIRED TO COMPLY WITH LOCAL BUILDING CODES.

DRAWING TITLE:
ELECTRICAL PLAN

CLIENT NAME:
SUAVIEDAVIS

PROJECT ADDRESS:
215 4TH TERRACE NORTH
STATE OF ALABAMA)
COUNTY OF JEFFERSON)

SCALE:
1/2"=1'-0"

DATE:
DATE

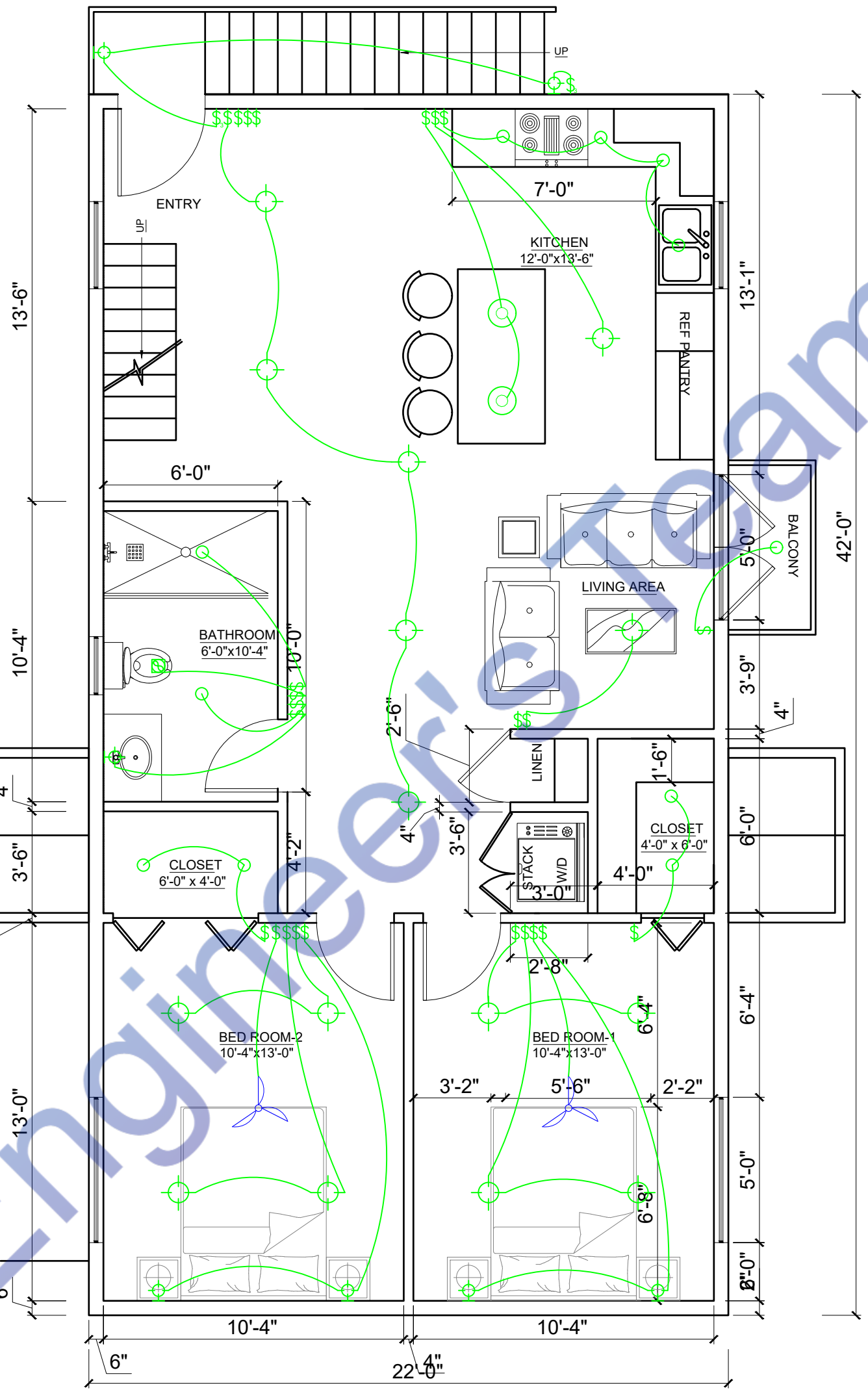
DWG NO.:
DWGNO

REVISION:
0

SHEET NO.
A-1

ELECTRICAL LEGEND

- 20W CEILING MOUNT LED LIGHT
- 10W CEILING MOUNT LED LIGHT
- 40W LED TUBE LIGHT 4 FEET
- ONE WAY SWITCH 220V
- MULTI SOCKET OUTLET 220V
- 30W WALL MOUNTED LED LIGHT
- 60W CEILING FAN 220V
- SUB DISTRIBUTION BOARD
- MAIN DISTRIBUTION BOARD
- 40W BATHROOM EXHAUST FAN
- CALLING BELL



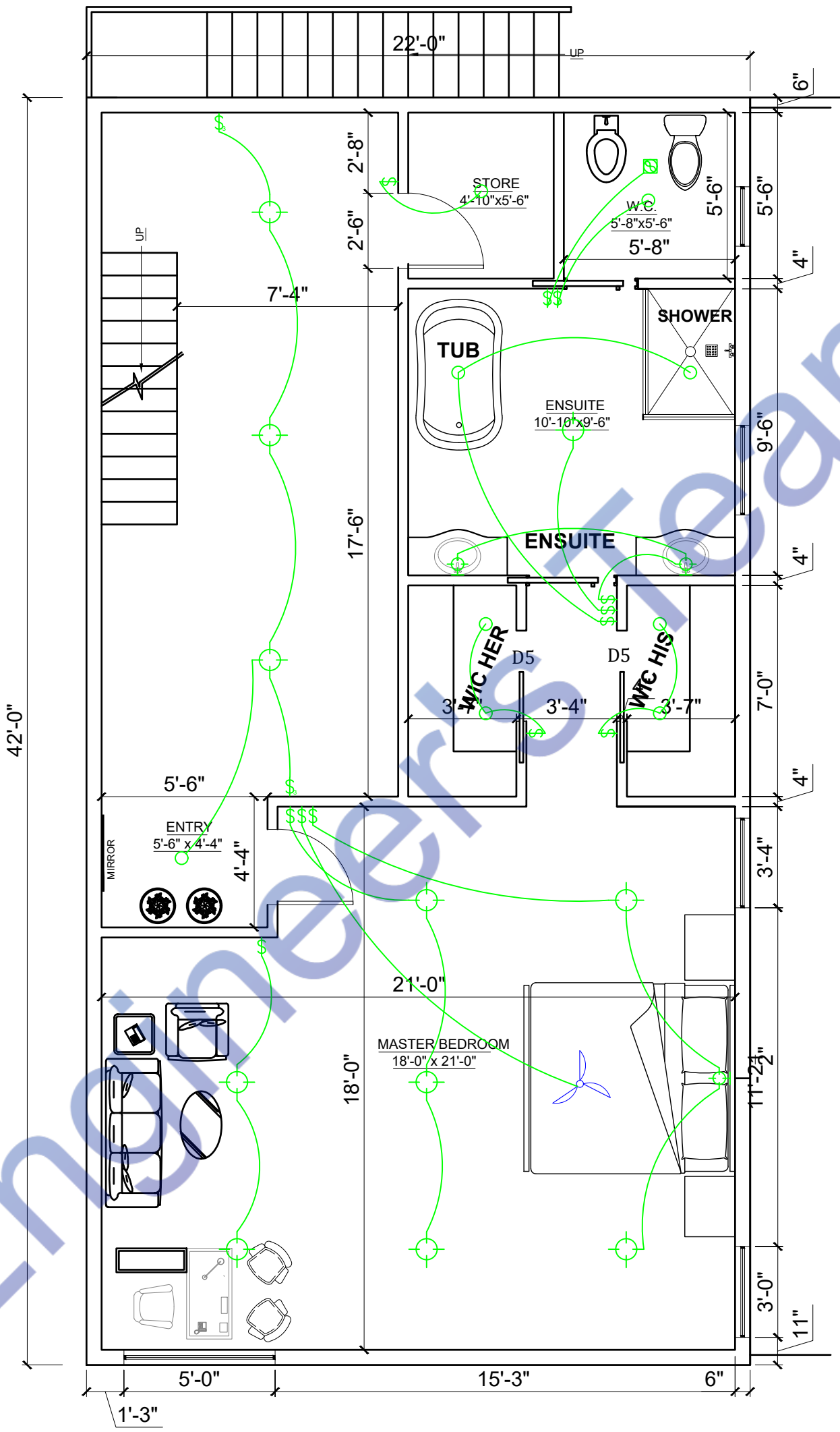
1 **2ND FLOOR PLAN**

SCALE: 1/2" = 1'-0"

DRAWINGS PROVIDED BY: IAC ARCHITECTS &CONSULTANS ENGINEERING SOLUTION, ARCHITECTURE, (M.E.P) CONSULTANT,QUANTITY SURVEYOR, www.fiverr.com/kami_filler	STAMP	ALTHOUGH GREAT EFFORT AND CARE HAVE GONE INTO THE PREPARATION OF THIS HOME PLAN, IT IS IMPOSSIBLE TO AFFECT ANY CONTROL OVER THE ACTUAL CONSTRUCTION. FOR THAT REASON AND DUE TO THE MANY JURISDICTIONAL DIFFERENCES IN LOCAL BUILDING CODE REQUIREMENTS AND OTHER LOCAL SEISMIC AND WEATHER CONDITIONS, "IAC" ASSUMES NO RESPONSIBILITY FOR ANY DAMAGES, MONETARY OR OTHERWISE, INCLUDING STRUCTURAL FAILURES DUE TO ANY DEFICIENCIES, OMISSIONS, OR ERRORS IN THE DESIGN. HOME PLANS ARE GENERAL IN NATURE. IT IS THE RESPONSIBILITY OF THE OWNER AND BUILDER TO CONSULT A LOCAL ARCHITECT OR ENGINEER AND TO CHECK WITH LOCAL BUILDING OFFICIALS BEFORE THE START OF CONSTRUCTION. ADDITIONAL ENGINEERING AND DESIGN MAY BE REQUIRED TO COMPLY WITH LOCAL BUILDING CODES.	DRAWING TITLE: ELECTRICAL PLAN	CLIENT NAME: SUAVIEDAVIS PROJECT ADDRESS: 215 4TH TERRACE NORTH STATE OF ALABAMA) COUNTY OF JEFFERSON)	SCALE: 1/2"=1'-0" DATE: DATE	DWG NO.: DWGNO REVISION: 0	SHEET NO. A-2

ELECTRICAL LEGEND

- 20W CEILING MOUNT LED LIGHT
- 10W CEILING MOUNT LED LIGHT
- 40W LED TUBE LIGHT 4 FEET
- ONE WAY SWITCH 220V
- MULTI SOCKET OUTLET 220V
- 30W WALL MOUNTED LED LIGHT
- 60W CEILING FAN 220V
- SUB DISTRIBUTION BOARD
- MAIN DISTRIBUTION BOARD
- 40W BATHROOM EXHAUST FAN
- CALLING BELL



1 3RD FLOOR PLAN

SCALE: 1/2" = 1'-0"

DRAWINGS PROVIDED BY:
IAC ARCHITECTS &CONSULTANS
ENGINEERING SOLUTION
ARCHITECTURE, (M.E.P) CONSULTANT,QUANTITY SURVEYOR,
www.fiverr.com/kami_filler

STAMP

ALTHOUGH GREAT EFFORT AND CARE HAVE GONE INTO THE PREPARATION OF THIS HOME PLAN, IT IS IMPOSSIBLE TO AFFECT ANY CONTROL OVER THE ACTUAL CONSTRUCTION. FOR THAT REASON AND DUE TO THE MANY JURISDICTIONAL DIFFERENCES IN LOCAL BUILDING CODE REQUIREMENTS AND OTHER LOCAL SEISMIC AND WEATHER CONDITIONS, "IAC" ASSUMES NO RESPONSIBILITY FOR ANY DAMAGES, MONETARY OR OTHERWISE, INCLUDING STRUCTURAL FAILURES DUE TO ANY DEFICIENCIES, OMISSIONS, OR ERRORS IN THE DESIGN. HOME PLANS ARE GENERAL IN NATURE. IT IS THE RESPONSIBILITY OF THE OWNER AND BUILDER TO CONSULT A LOCAL ARCHITECT OR ENGINEER AND TO CHECK WITH LOCAL BUILDING OFFICIALS BEFORE THE START OF CONSTRUCTION. ADDITIONAL ENGINEERING AND DESIGN MAY BE REQUIRED TO COMPLY WITH LOCAL BUILDING CODES.

DRAWING TITLE:
ELECTRICAL PLAN

CLIENT NAME:
SUAVIEDAVIS

PROJECT ADDRESS:
215 4TH TERRACE NORTH
STATE OF ALABAMA)
COUNTY OF JEFFERSON)

SCALE:
1/2"=1'-0"

DATE:
DATE

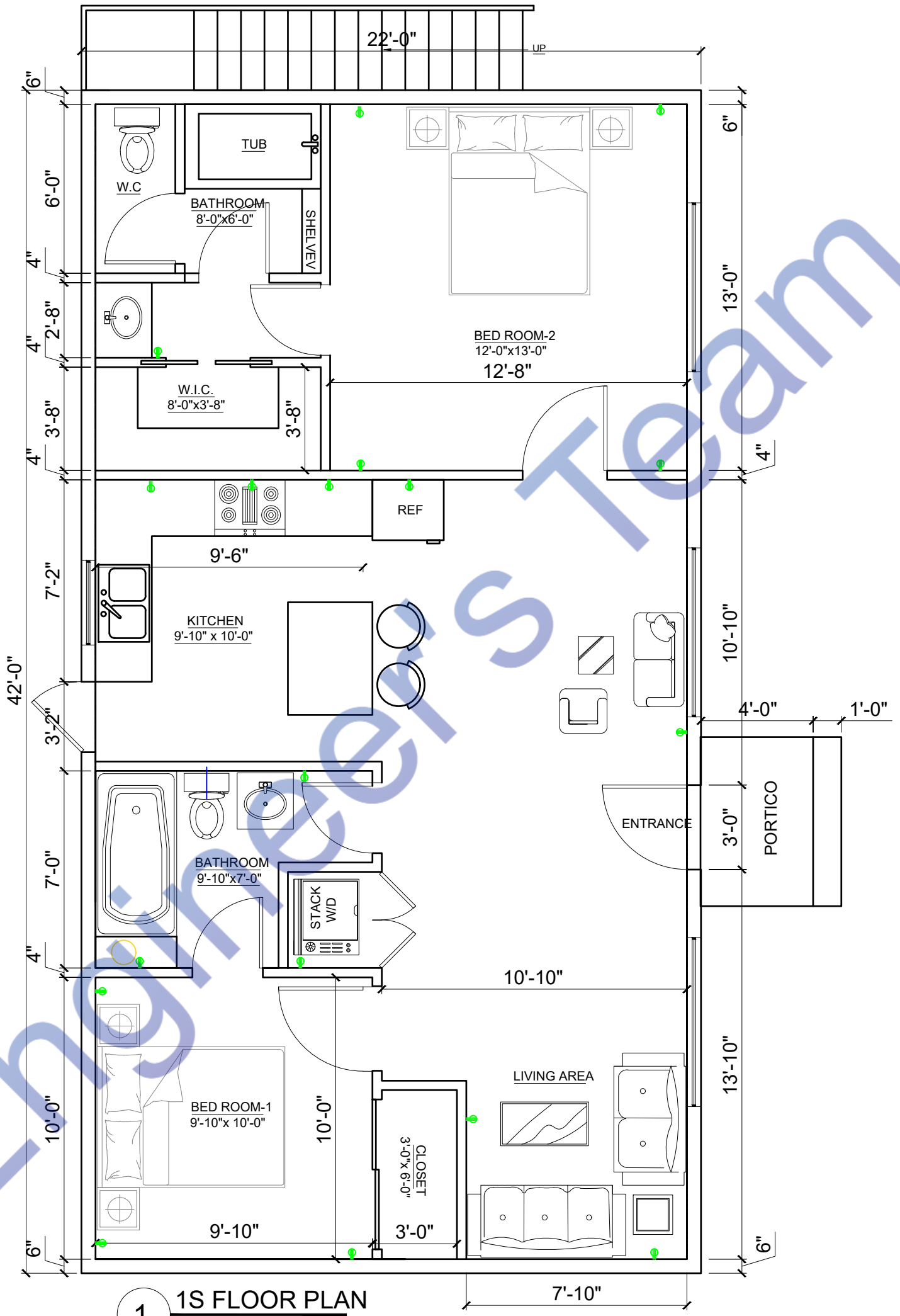
DWG NO.:
DWGNO

REVISION:
0

SHEET NO.
A-3

ELECTRICAL LEGEND

- 20W CEILING MOUNT LED LIGHT
- 10W CEILING MOUNT LED LIGHT
- 40W LED TUBE LIGHT 4 FEET
- ONE WAY SWITCH 220V
- MULTI SOCKET OUTLET 220V
- 30W WALL MOUNTED LED LIGHT
- 60W CEILING FAN 220V
- SUB DISTRIBUTION BOARD
- MAIN DISTRIBUTION BOARD
- 40W BATHROOM EXHAUST FAN
- CALLING BELL



1 1S FLOOR PLAN

SCALE: 1/2" = 1'-0"

DRAWINGS PROVIDED BY:
IAC ARCHITECTS &CONSULTANS
ENGINEERING SOLUTION: ARCHITECTURE, (M.E.P) CONSULTANT,QUANTITY SURVEYOR,
www.fiverr.com/kami_filler

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DRAWING TITLE:
ELECTRICAL POWER PLAN

CLIENT NAME:
SUAVIEDAVIS

PROJECT ADDRESS:
215 4TH TERRACE NORTH
STATE OF ALABAMA)
COUNTY OF JEFFERSON)

SCALE:
1/2"=1'-0"

DATE:
DATE

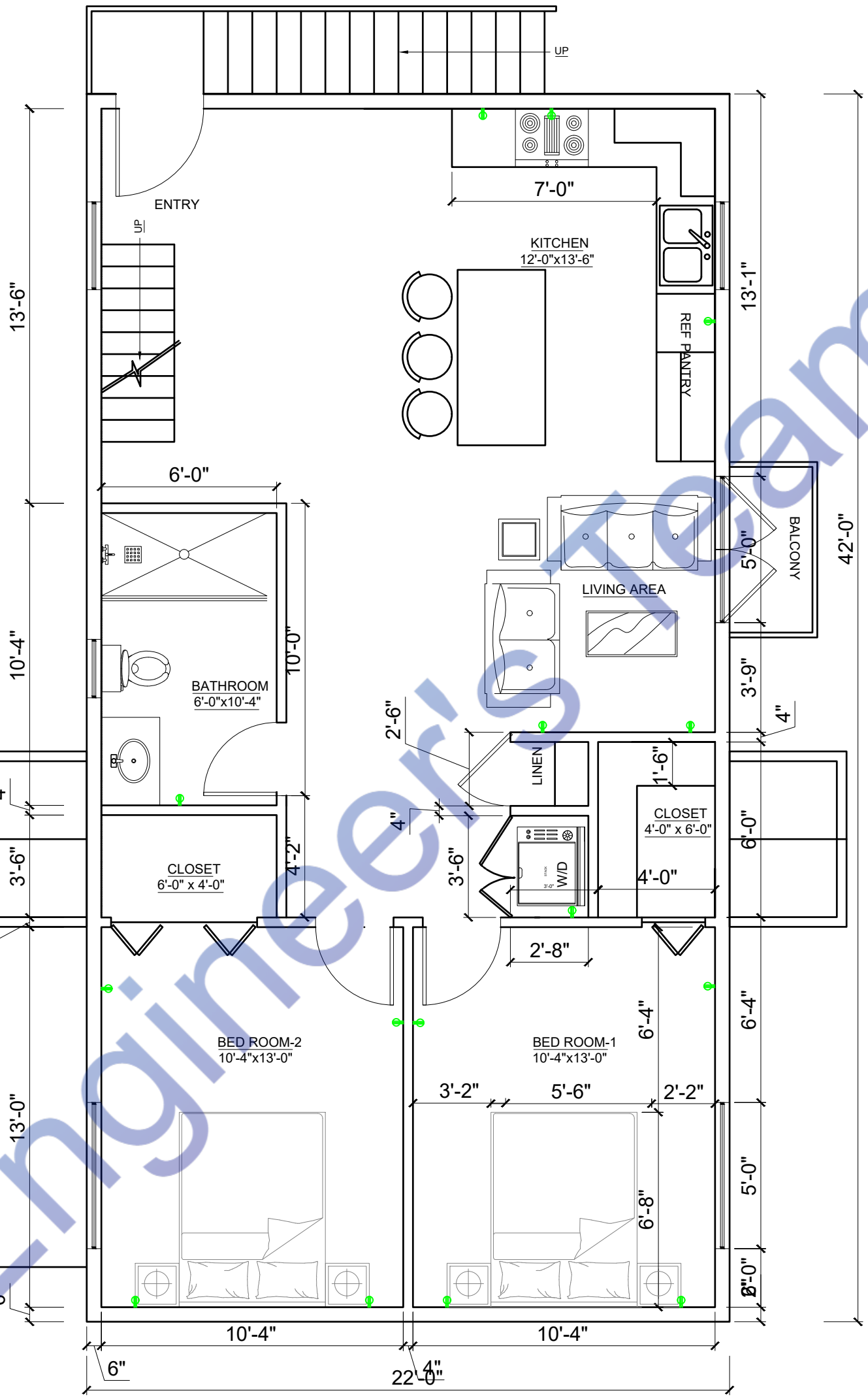
DWG NO.:
DWGNO

REVISION:
0

SHEET NO.
A-4

ELECTRICAL LEGEND

- 20W CEILING MOUNT LED LIGHT
- 10W CEILING MOUNT LED LIGHT
- 40W LED TUBE LIGHT 4 FEET
- ONE WAY SWITCH 220V
- MULTI SOCKET OUTLET 220V
- 30W WALL MOUNTED LED LIGHT
- 60W CEILING FAN 220V
- SUB DISTRIBUTION BOARD
- MAIN DISTRIBUTION BOARD
- 40W BATHROOM EXHAUST FAN
- CALLING BELL



1 2ND FLOOR PLAN

SCALE: 1/2" = 1'-0"

DRAWINGS PROVIDED BY:
IAC ARCHITECTS &CONSULTANS
ENGINEERING SOLUTION ARCHITECTURE, (M.E.P) CONSULTANT,QUANTITY SURVEYOR,
www.fiverr.com/kami_filler

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DRAWING TITLE:
ELECTRICAL POWER PLAN

CLIENT NAME:
SUAVIEDAVIS

PROJECT ADDRESS:
215 4TH TERRACE NORTH
STATE OF ALABAMA)
COUNTY OF JEFFERSON)

SCALE:
1/2"=1'-0"

DATE:
DATE

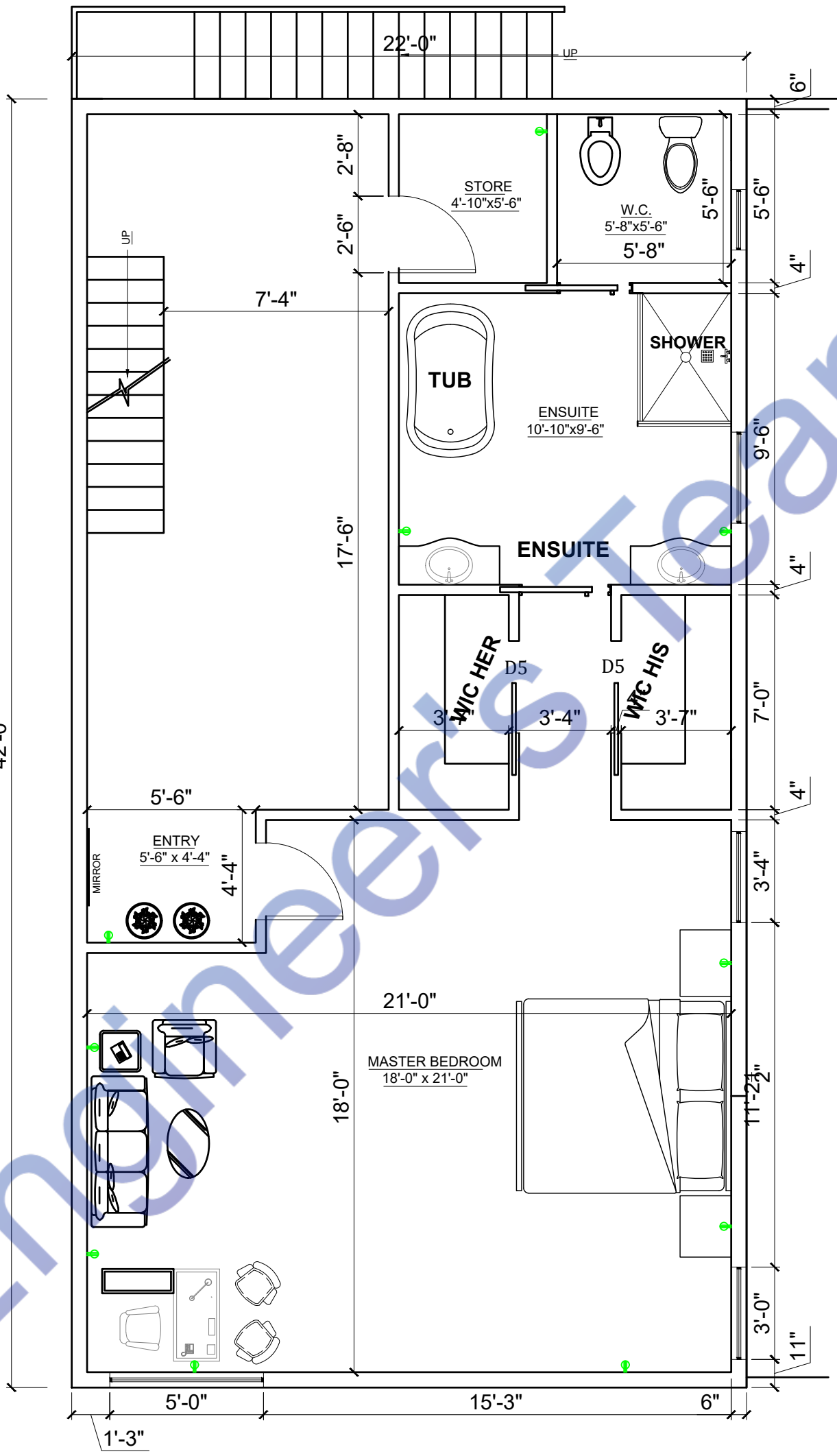
DWG NO.:
DWGNO

REVISION:
0

SHEET NO.
A-5

ELECTRICAL LEGEND

- 20W CEILING MOUNT LED LIGHT
- 10W CEILING MOUNT LED LIGHT
- 40W LED TUBE LIGHT 4 FEET
- ONE WAY SWITCH 220V
- MULTI SOCKET OUTLET 220V
- 30W WALL MOUNTED LED LIGHT
- 60W CEILING FAN 220V
- SUB DISTRIBUTION BOARD
- MAIN DISTRIBUTION BOARD
- 40W BATHROOM EXHAUST FAN
- CALLING BELL



1 3RD FLOOR PLAN

SCALE: 1/2" = 1'-0"

DRAWINGS PROVIDED BY:
IAC ARCHITECTS &CONSULTANS
ENGINEERING SOLUTION, ARCHITECTURE, (M.E.P) CONSULTANT,QUANTITY SURVEYOR,
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DRAWING TITLE:
ELECTRICAL POWER PLAN

CLIENT NAME:
SUAVIEDAVIS

PROJECT ADDRESS:
215 4TH TERRACE NORTH
STATE OF ALABAMA)
COUNTY OF JEFFERSON)

SCALE:
1/2"=1'-0"

DATE:
DATE

DWG NO.:
DWGNO

REVISION:
0

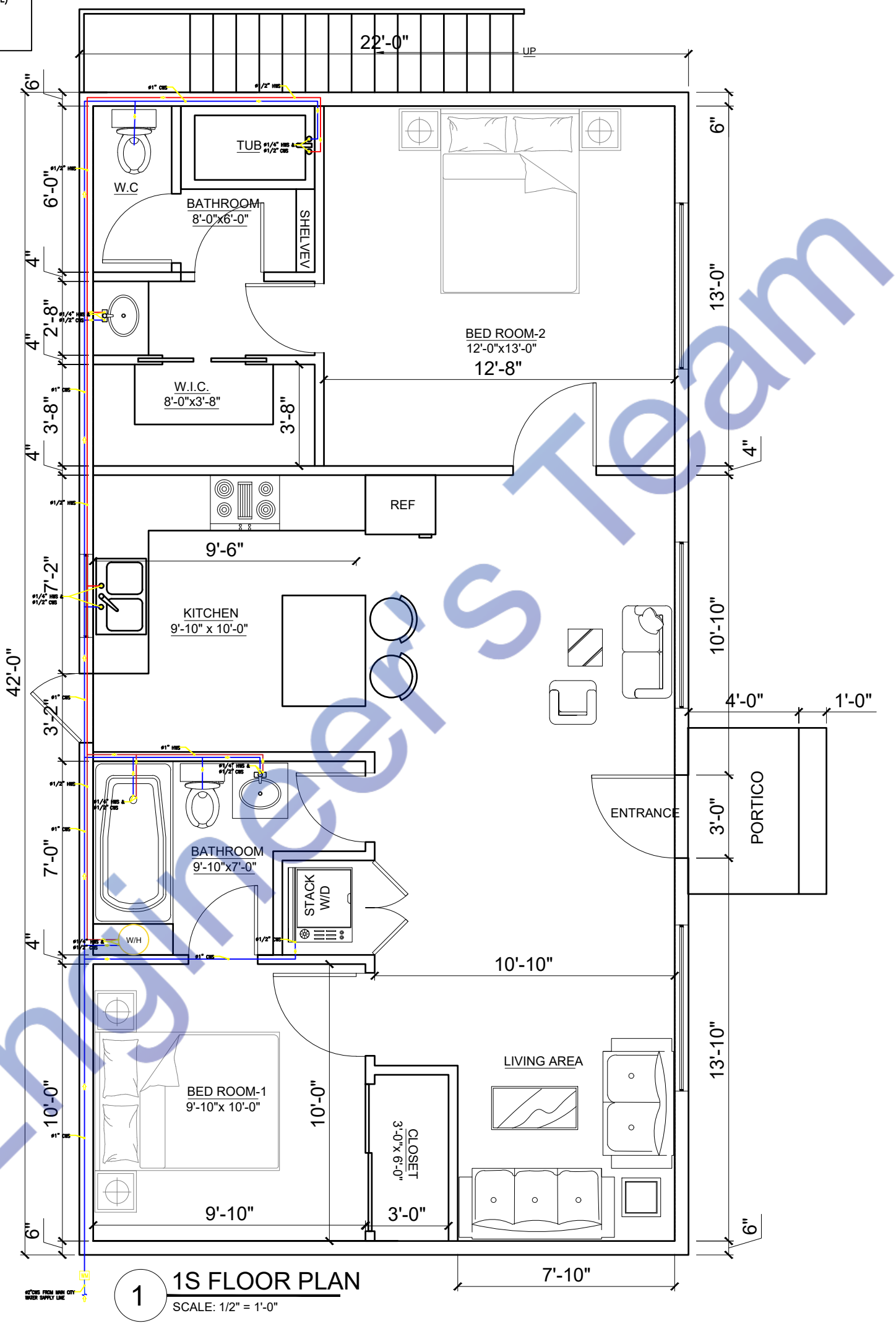
SHEET NO:
A-6

PLUMBING LEGEND

- HOT WATER SUPPLY (CPVC PIPE)
- COLD WATER SUPPLY (CPVC PIPE)
- NATURAL GAS SUPPLY (IPS YELLOW POLY GAS PIPE)

SEWERAGE LEGEND

- WASTE WATER/ SEWER LINE (4"Ø UPVC PIPE)
- TOILET WASTE/ SEWER LINE (4"Ø UPVC PIPE)



1 1S FLOOR PLAN

SCALE: 1/2" = 1'-0"

DRAWINGS PROVIDED BY:
IAC ARCHITECTS &CONSULTANS
ENGINEERING SOLUTION
ARCHITECTURE, (M.E.P) CONSULTANT,QUANTITY SURVEYOR,
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DRAWING TITLE:
PLUMBING WATER SUPPLY PLAN

CLIENT NAME:
SUAVIEDAVIS

PROJECT ADDRESS:
215 4TH TERRACE NORTH
STATE OF ALABAMA)
COUNTY OF JEFFERSON)

SCALE:
1/2"=1'-0"

DATE:
DATE

DWG NO.:
DWGNO

REVISION:
0

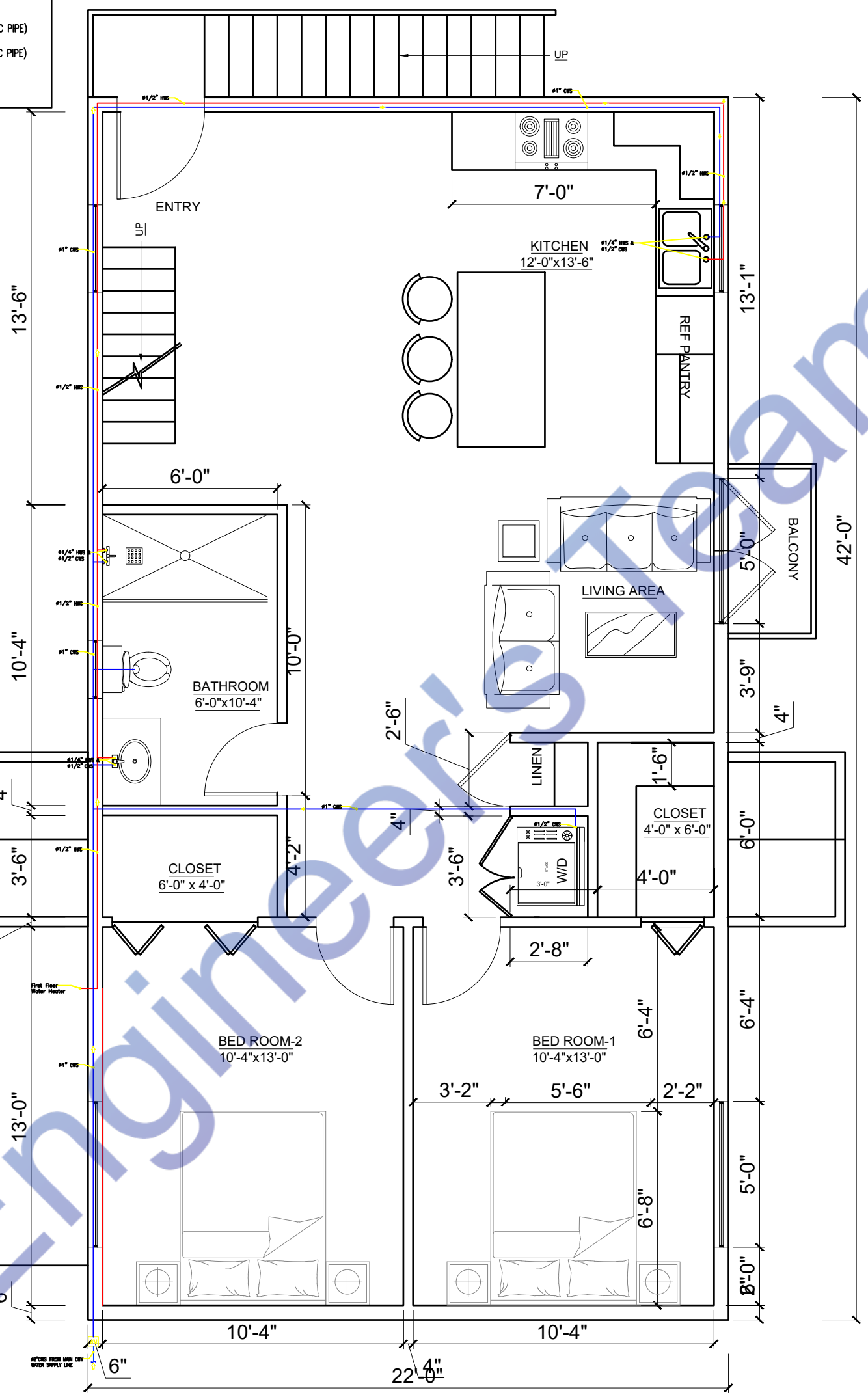
SHEET NO:
A-7

PLUMBING LEGEND

- HOT WATER SUPPLY (CPVC PIPE)
- COLD WATER SUPPLY (CPVC PIPE)
- NATURAL GAS SUPPLY (IPS YELLOW POLY GAS PIPE)

SEWERAGE LEGEND

- WASTE WATER/ SEWER LINE (4"Ø UPVC PIPE)
- TOILET WASTE/ SEWER LINE (4"Ø UPVC PIPE)



1 2ND FLOOR PLAN

SCALE: 1/2" = 1'-0"

DRAWINGS PROVIDED BY:
IAC ARCHITECTS &CONSULTANS
ENGINEERING SOLUTION ARCHITECTURE, (M.E.P) CONSULTANT,QUANTITY SURVEYOR,
www.fiverr.com/kami_filler

STAMP

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DRAWING TITLE: WATER SUPPLY PLAN

CLIENT NAME: SUAVIEDAVIS

PROJECT ADDRESS: 215 4TH TERRACE NORTH STATE OF ALABAMA) COUNTY OF JEFFERSON)

SCALE: 1/2"=1'-0"

DATE: DATE

DWG NO.: DWGNO

REVISION: 0

SHEET NO.: A-8

PLUMBING LEGEND

HOT WATER SUPPLY (CPVC PIPE)

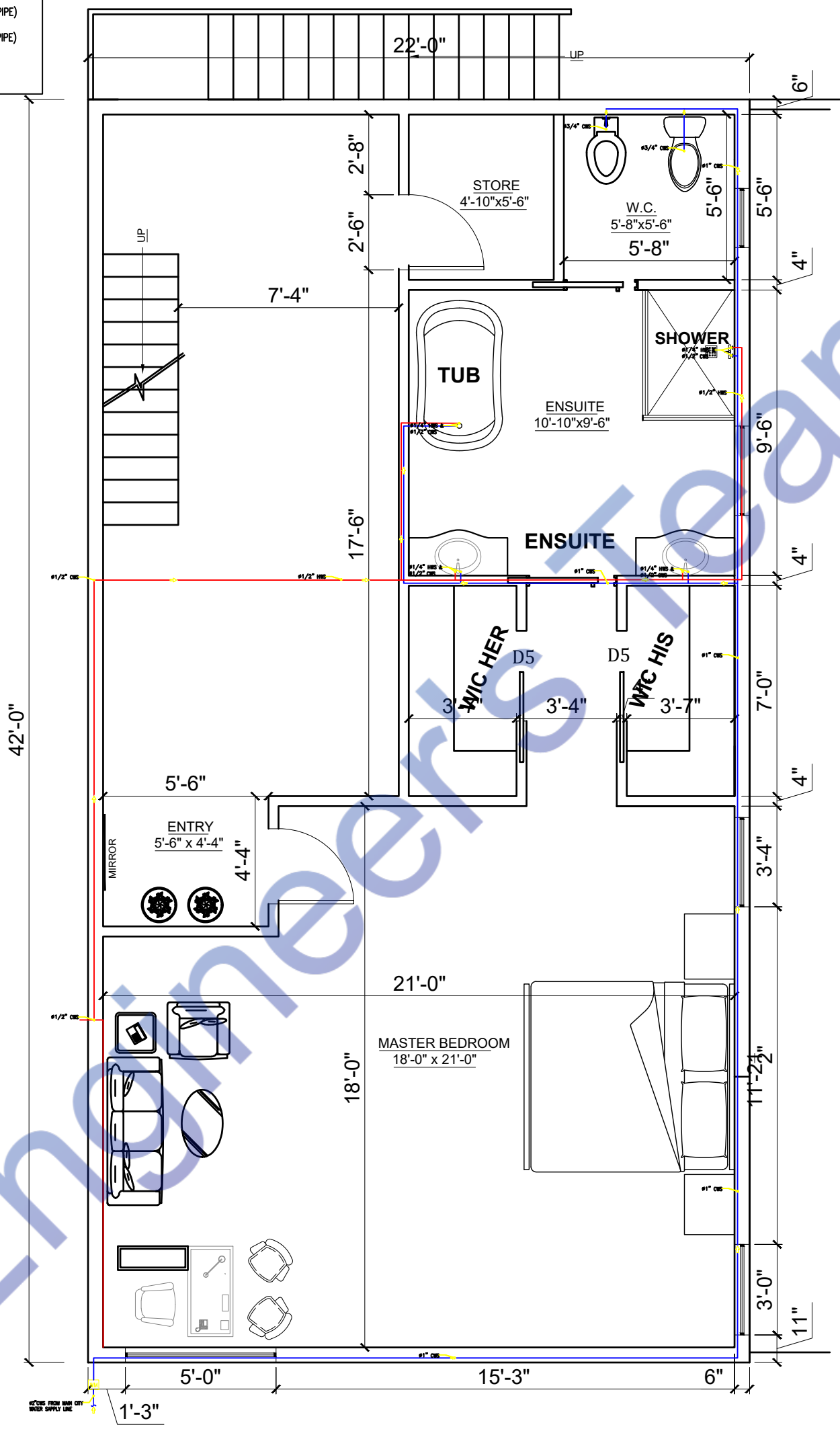
COLD WATER SUPPLY (CPVC PIPE)

NATURAL GAS SUPPLY (IPS YELLOW POLY GAS PIPE)

SEWERAGE LEGEND

WASTE WATER/ SEWER LINE (4"Ø UPVC PIPE)

TOILET WASTE/ SEWER LINE (4"Ø UPVC PIPE)



1 3RD FLOOR PLAN

SCALE: 1/2" = 1'-0"

DRAWINGS PROVIDED BY:
IAC ARCHITECTS &CONSULTANS
ENGINEERING SOLUTION ARCHITECTURE, (M.E.P) CONSULTANT,QUANTITY SURVEYOR,
www.fiverr.com/kami_filler

STAMP

ALTHOUGH GREAT EFFORT AND CARE HAVE GONE INTO THE PREPARATION OF THIS HOME PLAN, IT IS IMPOSSIBLE TO AFFECT ANY CONTROL OVER THE ACTUAL CONSTRUCTION. FOR THAT REASON AND DUE TO THE MANY JURISDICTIONAL DIFFERENCES IN LOCAL BUILDING CODE REQUIREMENTS AND OTHER LOCAL SEISMIC AND WEATHER CONDITIONS, "IAC" ASSUMES NO RESPONSIBILITY FOR ANY DAMAGES, MONETARY OR OTHERWISE, INCLUDING STRUCTURAL FAILURES DUE TO ANY DEFICIENCIES, OMISSIONS, OR ERRORS IN THE DESIGN. HOME PLANS ARE GENERAL IN NATURE. IT IS THE RESPONSIBILITY OF THE OWNER AND BUILDER TO CONSULT A LOCAL ARCHITECT OR ENGINEER AND TO CHECK WITH LOCAL BUILDING OFFICIALS BEFORE THE START OF CONSTRUCTION. ADDITIONAL ENGINEERING AND DESIGN MAY BE REQUIRED TO COMPLY WITH LOCAL BUILDING CODES.

DRAWING TITLE:
WATER SUPPLY PLAN

CLIENT NAME:
SUAVIEDAVIS

PROJECT ADDRESS:
215 4TH TERRACE NORTH
STATE OF ALABAMA)
COUNTY OF JEFFERSON)

SCALE:
1/2"=1'-0"

DATE:
DATE

DWG NO.:
DWGNO

REVISION:
0

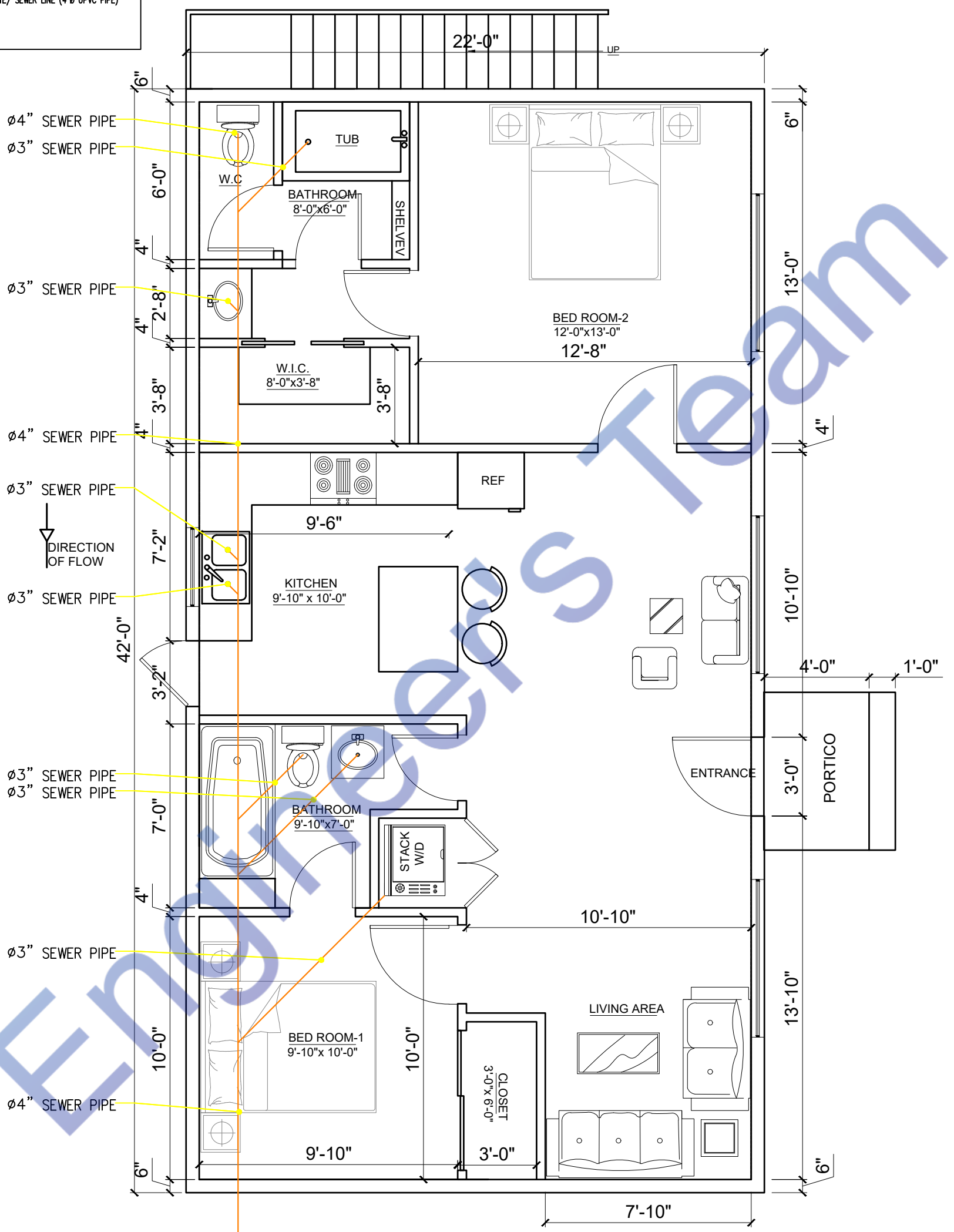
SHEET NO.
A-9

PLUMBING LEGEND

- HOT WATER SUPPLY (CPVC PIPE)
- COLD WATER SUPPLY (CPVC PIPE)
- NATURAL GAS SUPPLY (IPS YELLOW POLY GAS PIPE)

SEWERAGE LEGEND

- WASTE WATER/ SEWER LINE (4"Ø UPVC PIPE)
- TOILET WASTE/ SEWER LINE (4"Ø UPVC PIPE)



1 **1S FLOOR PLAN**

SCALE: 1/2" = 1'-0"

DRAWINGS PROVIDED BY:
IAC ARCHITECTS &CONSULTANS
ENGINEERING SOLUTION ARCHITECTURE, (M.E.P) CONSULTANT,QUANTITY SURVEYOR,
www.fiverr.com/kami_filler

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DRAWING TITLE:
PLUMBING DRAINAGE PLAN

CLIENT NAME:
SUAVIEDAVIS

PROJECT ADDRESS:
215 4TH TERRACE NORTH
STATE OF ALABAMA)
COUNTY OF JEFFERSON)

SCALE:
1/2"=1'-0"

DATE:
DATE

DWG NO.:
DWGNO

REVISION:
0

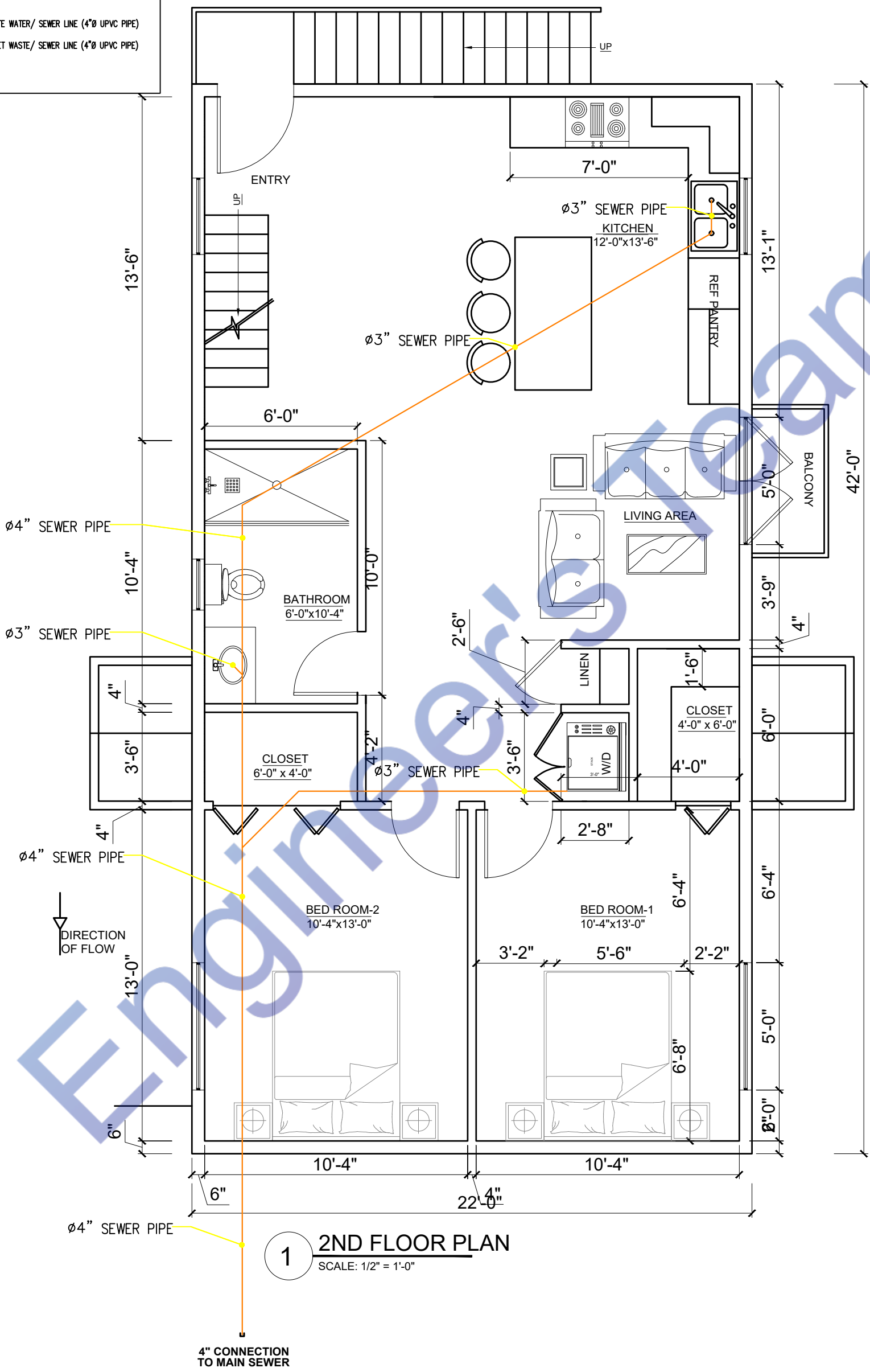
SHEET NO.
A-10

PLUMBING LEGEND

- HOT WATER SUPPLY (CPVC PIPE)
- COLD WATER SUPPLY (CPVC PIPE)
- NATURAL GAS SUPPLY (IPS YELLOW POLY GAS PIPE)

SEWERAGE LEGEND

- WASTE WATER/ SEWER LINE (4"Ø UPVC PIPE)
- TOILET WASTE/ SEWER LINE (4"Ø UPVC PIPE)



1 2ND FLOOR PLAN

SCALE: 1/2" = 1'-0"

DRAWINGS PROVIDED BY:
IAC ARCHITECTS &CONSULTANS
ENGINEERING SOLUTION
ARCHITECTURE, (M.E.P) CONSULTANT,QUANTITY SURVEYOR,
www.fiverr.com/kami_filler

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DRAWING TITLE:
PLUMBING DRAINAGE PLAN

CLIENT NAME:
SUAVIEDAVIS

PROJECT ADDRESS:
215 4TH TERRACE NORTH
STATE OF ALABAMA)
COUNTY OF JEFFERSON)

SCALE:
1/2"=1'-0"

DATE:
DATE

DWG NO.:
DWGNO

REVISION:
0

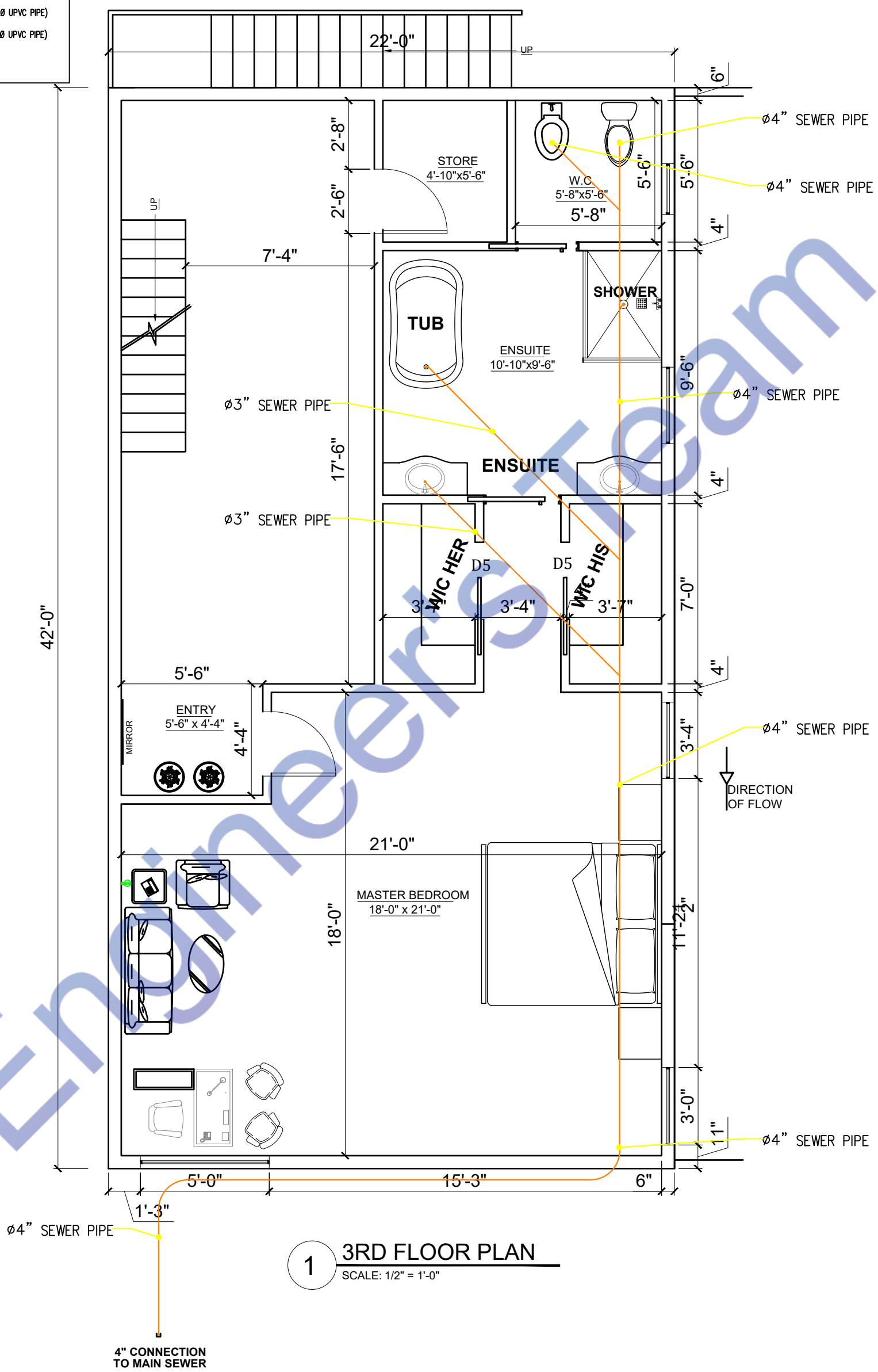
SHEET NO.:
A-11

PLUMBING LEGEND

- HOT WATER SUPPLY (CPVC PIPE)
- COLD WATER SUPPLY (CPVC PIPE)
- NATURAL GAS SUPPLY (IPS YELLOW POLY GAS PIPE)

SEWERAGE LEGEND

- WASTE WATER/ SEWER LINE (4"Ø UPVC PIPE)
- TOILET WASTE/ SEWER LINE (4"Ø UPVC PIPE)



1 3RD FLOOR PLAN

SCALE: 1/2" = 1'-0"

DRAWINGS PROVIDED BY:
IAC ARCHITECTS &CONSULTANS
ENGINEERING SOLUTION
ARCHITECTURE, (M.E.P) CONSULTANT,QUANTITY SURVEYOR,
www.fiverr.com/kami_filler

STAMP

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DRAWING TITLE:
PLUMBING DRAINAGE PLAN

CLIENT NAME:
SUAVIEDAVIS

PROJECT ADDRESS:
215 4TH TERRACE NORTH
STATE OF ALABAMA)
COUNTY OF JEFFERSON)

SCALE:
1/2"=1'-0"

DATE:
DATE

DWG NO.:
DWGNO

REVISION:
0

SHEET NO.
A-12

Mechanical Legends

ROOF TOP UNIT

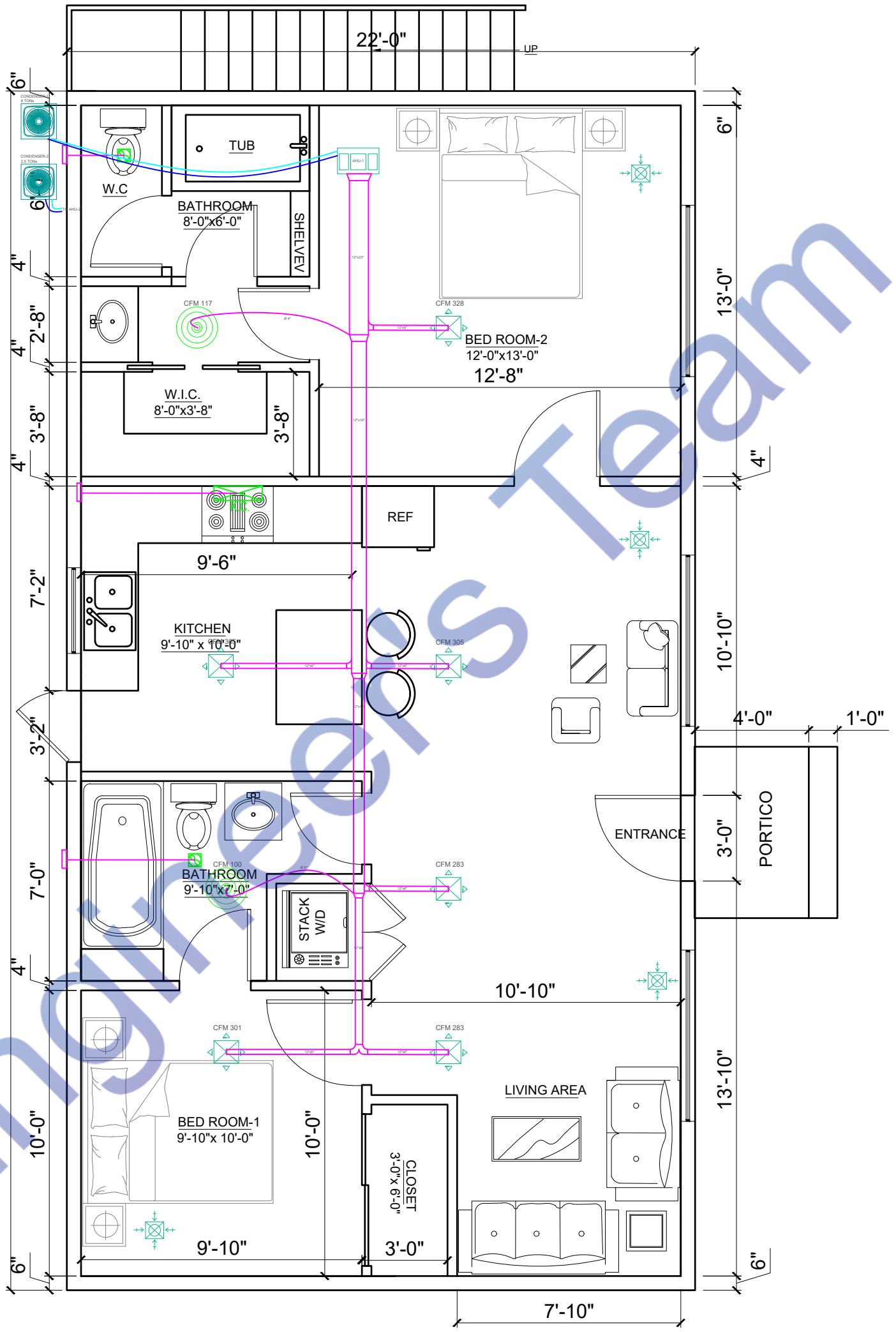
SUPPLY AIR DIFFUSER

EXHAUST AIR DIFFUSER

KITCHEN CHIMNEY

EXHAUST FAN

SUPPLY AIR DUCT



1 1S FLOOR PLAN

SCALE: 1/2" = 1'-0"

EXHAUST FAN SCHEDULE

MARK	SERVING	CFM	SP	WATTS	RPM	VOLTAGE	MAKE MODEL	NOTES	FAN TYPE
EF-1	BATHROOM	50	-	50	460	120/60/1	Broan-NuTone 688		IN-LINE
EF-2	KITCHEN	375	-	78	460	120/60/1	Broan-NuTone BCSQ130SS		IN-LINE

NOTES
1. COMPLETE W/BACKDRAFT DAMPER.
2. PROVIDE THERMOSTATIC CONTROL DEVICES
3. INTERLOCK TO OPERATE WHENEVER RTU'S OPERATE.
4. MAINTAIN A MINIMUM CLEARANCE OF 10'-0" FROM ALL INTAKE AIR FANS AND ALL ROOF TOP UNITS OUTSIDE AIR INTAKE OPENINGS.

DRAWINGS PROVIDED BY:
IAC ARCHITECTS &CONSULTANS
ENGINEERING SOLUTION ARCHITECTURE, (M.E.P) CONSULTANT,QUANTITY SURVEYOR,
www.fiverr.com/kami_filler

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DRAWING TITLE:
HVAC PLAN

CLIENT NAME:
SUAVIEDAVIS

PROJECT ADDRESS:
215 4TH TERRACE NORTH
STATE OF ALABAMA)
COUNTY OF JEFFERSON)

SCALE:
1/2"=1'-0"

DATE:
DATE

DWG NO.:
DWGNO

REVISION:
0

SHEET NO.
A-13

Mechanical Legends

ROOF TOP UNIT

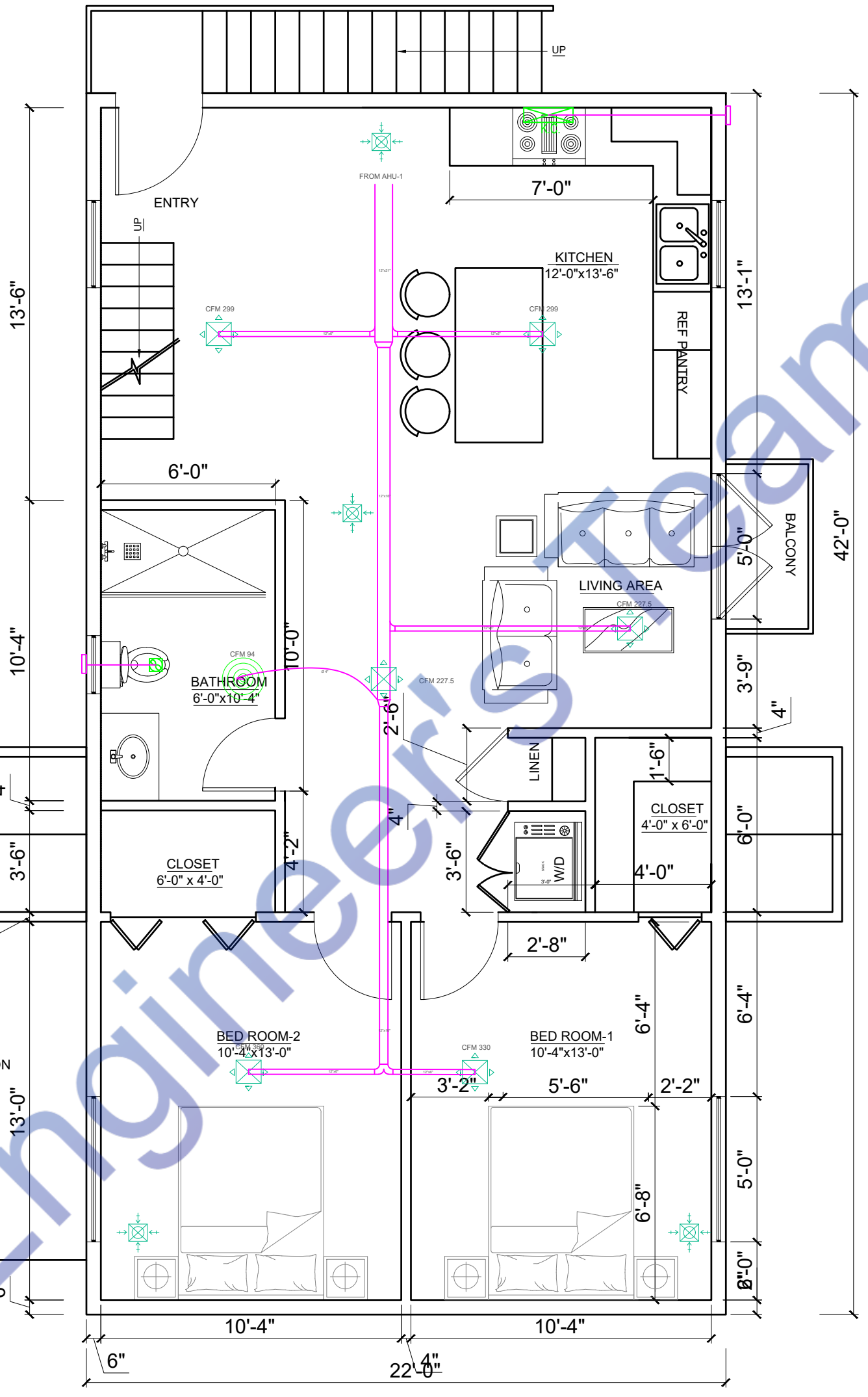
SUPPLY AIR DIFFUSER

EXHAUST AIR DIFFUSER

KITCHEN CHIMNEY

EXHAUST FAN

SUPPLY AIR DUCT



1 2ND FLOOR PLAN

SCALE: 1/2" = 1'-0"

DRAWINGS PROVIDED BY:
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ENGINEERING SOLUTION
ARCHITECTURE, (M.E.P) CONSULTANT,QUANTITY SURVEYOR,
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DRAWING TITLE: HVAC PLAN

CLIENT NAME: SUAVIEDAVIS

PROJECT ADDRESS: 215 4TH TERRACE NORTH STATE OF ALABAMA) COUNTY OF JEFFERSON)

SCALE: 1/2"=1'-0"

DATE: DATE

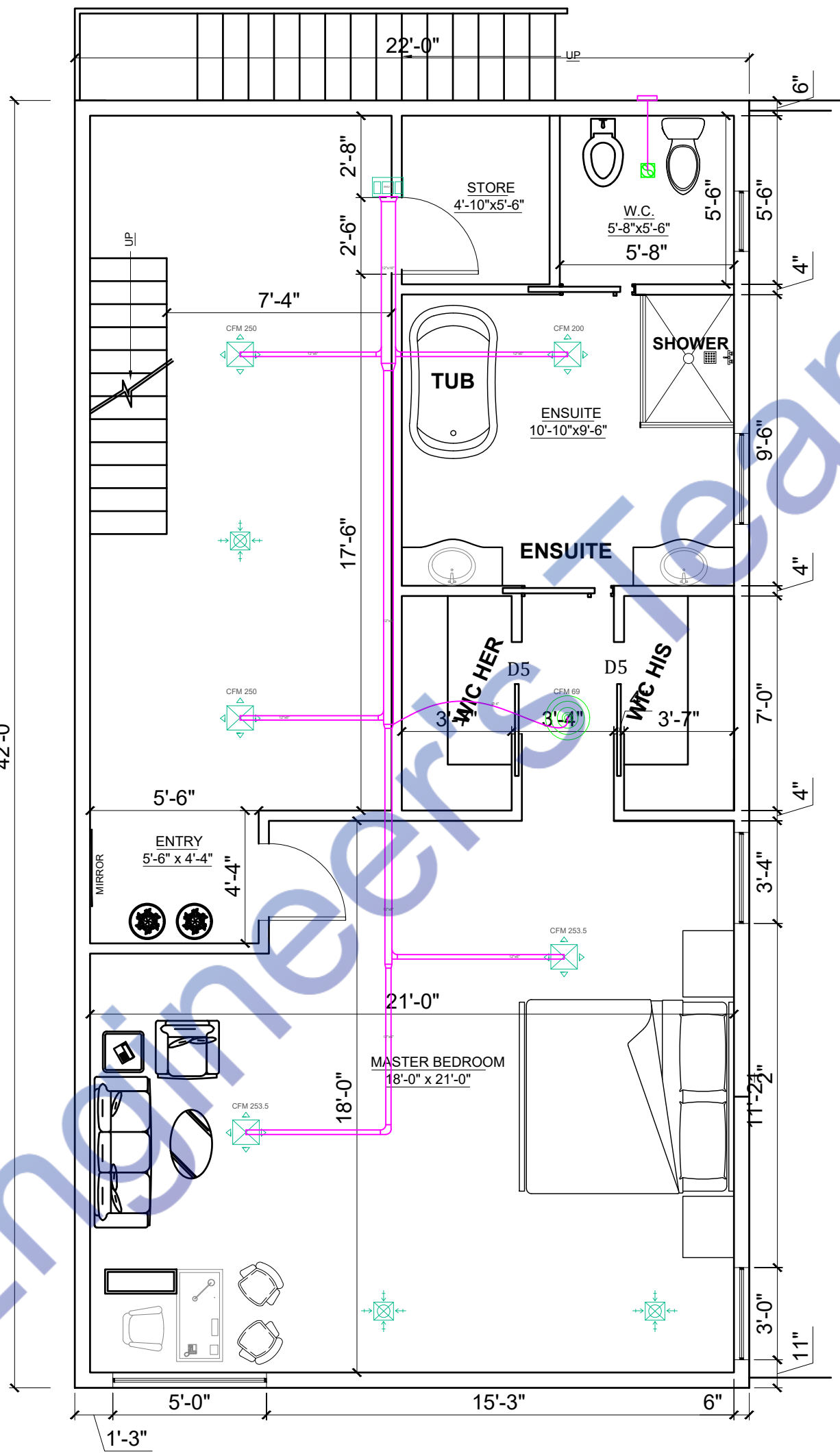
DWG NO.: DWGNO

REVISION: 0

SHEET NO. A-14

Mechanical Legends

- AIR HANDLING UNIT
- SUPPLY AIR DIFFUSER
- EXHAUST AIR DIFFUSER
- KITCHEN CHIMNEY
- EXHAUST FAN
- SUPPLY AIR DUCT



1 3RD FLOOR PLAN

SCALE: 1/2" = 1'-0"

DRAWINGS PROVIDED BY:
IAC ARCHITECTS &CONSULTANS
ENGINEERING SOLUTION
ARCHITECTURE, (M.E.P) CONSULTANT,QUANTITY SURVEYOR,
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DRAWING TITLE: HVAC PLAN

CLIENT NAME: SUAVIEDAVIS

PROJECT ADDRESS: 215 4TH TERRACE NORTH STATE OF ALABAMA) COUNTY OF JEFFERSON)

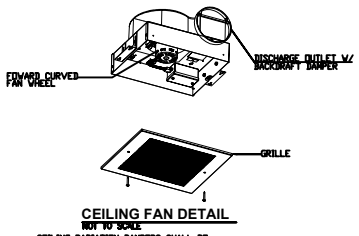
SCALE: 1/2"=1'-0"

DATE: DATE

DWG NO.: DWGNO

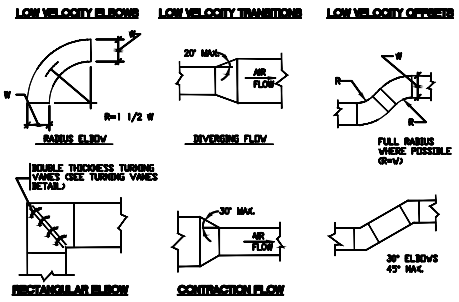
REVISION: 0

SHEET NO. A-15

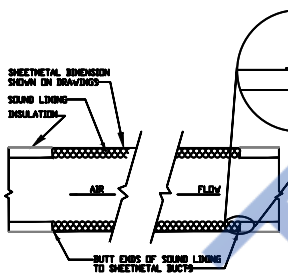


CEILING FAN DETAIL
NOT TO SCALE

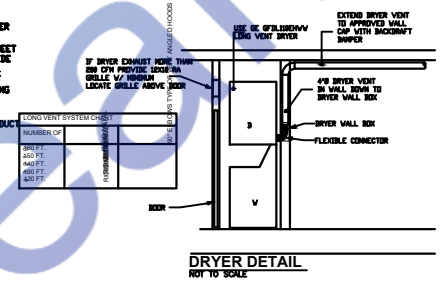
CEILING RADIATION DAMPERS SHALL BE INSTALLED IN ACCORDANCE WITH UL 555C



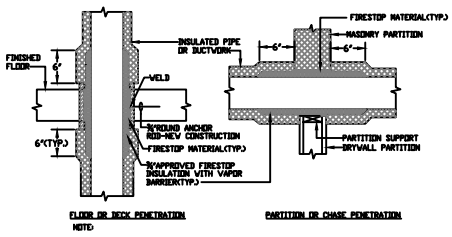
LOW VELOCITY TRANSITIONS, OFFSETS AND ELBOWS
NOT TO SCALE



TYPICAL SOUND LINING DETAIL
NOT TO SCALE

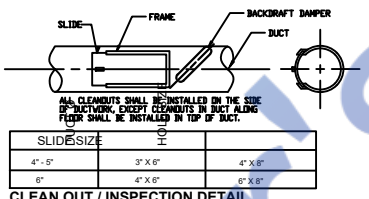


DRYER DETAIL
NOT TO SCALE



APPLICABLE TO PENETRATIONS OF ALL FIRE RATED MEMBRANES, IN ACCORDANCE WITH 2012 IBC 714. REFER UL LISTED FIRE STOPPING SYSTEMS UL-1479, UL-2943

PENETRATION OF FIRE/SMOKE BARRIERS
NOT TO SCALE



ALL CLEANOUTS SHALL BE INSTALLED ON THE SIDE OF DUCTWORK. EXCEPT CLEANOUTS IN DUCT ALONG FLOOR SHALL BE INSTALLED IN TOP OF DUCT.

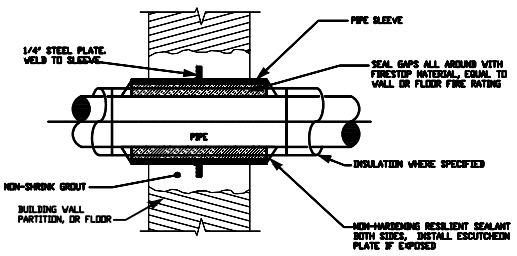
SLIDE SIZE		
4" - 5"	3" X 6"	4" X 8"
6"	4" X 6"	6" X 8"

CLEAN OUT / INSPECTION DETAIL
NO SCALE

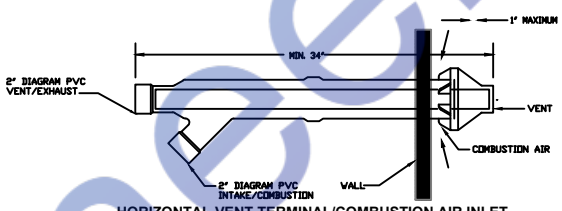
RESIDENTIAL GRILLES & REGISTERS SCHEDULE

DESIG ○	TYPE (REFER TO DETAILS)	SERVICE	AIR FLOW RANGE (CFM)	NOMINAL SIZE/ DESCRIPTION (INCH)	INLET/ NECK SIZE (IN)	BASIS OF DESIGN/REMARKS
A	REGISTER	SA	0-50	6x4	4"ø	300RL, BORDER TYPE A
B	REGISTER	SA	51-100	6x6 OR 10X4	6"ø	300RL, BORDER TYPE A
C	REGISTER	SA	101-150	10x6	7"ø	300RL, BORDER TYPE A
D	REGISTER	SA	151-200	12x6	8"ø	300RL, BORDER TYPE A
E	REGISTER	SA	201-250	14x6	9"ø	300RL, BORDER TYPE A
F	RG	RA/EA	0-100	6x6	6x6	350RL, BORDER TYPE A
G	RG	RA/EA	101-200	8x8	8x8	350RL, BORDER TYPE A
H	RG	RA/EA	201-300	10x10	10x10	350RL, BORDER TYPE A
I	RG	RA/EA	301-450	12x12	12x12	350RL, BORDER TYPE A
J	RG	RA/EA	451-600	14x14	14x14	350RL, BORDER TYPE A
K	RG	RA/EA	601-800	16x16	16x16	350RL, BORDER TYPE A
L	RG	RA/EA	801-1100	18x18	18x18	350RL, BORDER TYPE A
M	RG	RA/EA	1101-1300	20x20	20x20	350RL, BORDER TYPE A
N	RG	RA/EA	1301-1600	22x22	22x22	350RL, BORDER TYPE A

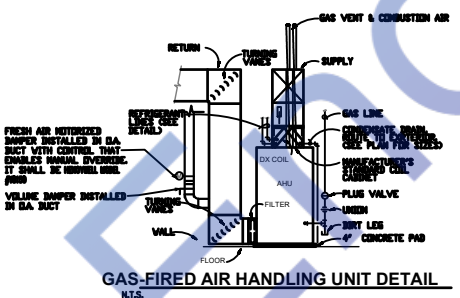
NOTES:
1. REFER TO ARCHITECT DRAWINGS FOR TYPE OF CEILING.
2. MODEL NUMBERS IN "BASIS OF DESIGN" ARE TITUS
3. PROVIDE HEAVY DUTY FRAME AND CORE WHERE MOUNTED IN FLOORS.
4. PROVIDE WITH FIRE DAMPER FOR UL LISTED CEILING
5. PROVIDE ROUND TO SQUARE ADAPTOR BOOT



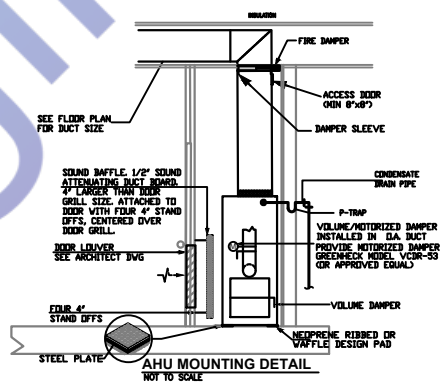
INTERIOR MASONRY WALL AND FLOOR PENETRATION
NOT TO SCALE



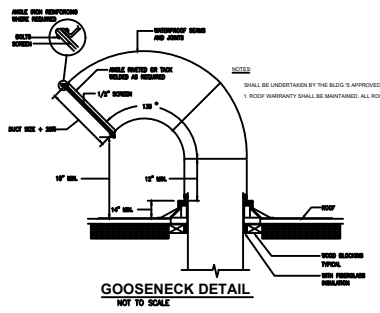
HORIZONTAL VENT TERMINAL/COMBUSTION AIR INLET
NOT TO SCALE
NOTE-PLASTIC PIPE AND FITTINGS USED TO VENT APPLIANCES SHALL BE INSTALLED IN ACCORDANCE WITH THE APPLIANCE MANUFACTURER'S INSTRUCTIONS. PLASTIC PIPE VENTING MATERIALS LISTED AND LABELED IN ACCORDANCE WITH UL 1738 SHALL BE INSTALLED IN ACCORDANCE WITH THE VENT MANUFACTURER'S INSTALLATION INSTRUCTIONS. FLUID PVC PIPING SHALL NOT BE USED FOR COMBUSTION GAS VENTING.



GAS-FIRED AIR HANDLING UNIT DETAIL
N.T.S.



AHU MOUNTING DETAIL
NOT TO SCALE



GOOSENECK DETAIL
NOT TO SCALE

DRAWINGS PROVIDED BY:
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HVAC PLAN

CLIENT NAME:
SUAVIEDAVIS

PROJECT ADDRESS:
215 4TH TERRACE NORTH
STATE OF ALABAMA)
COUNTY OF JEFFERSON)

SCALE:
1/2"=1'-0"

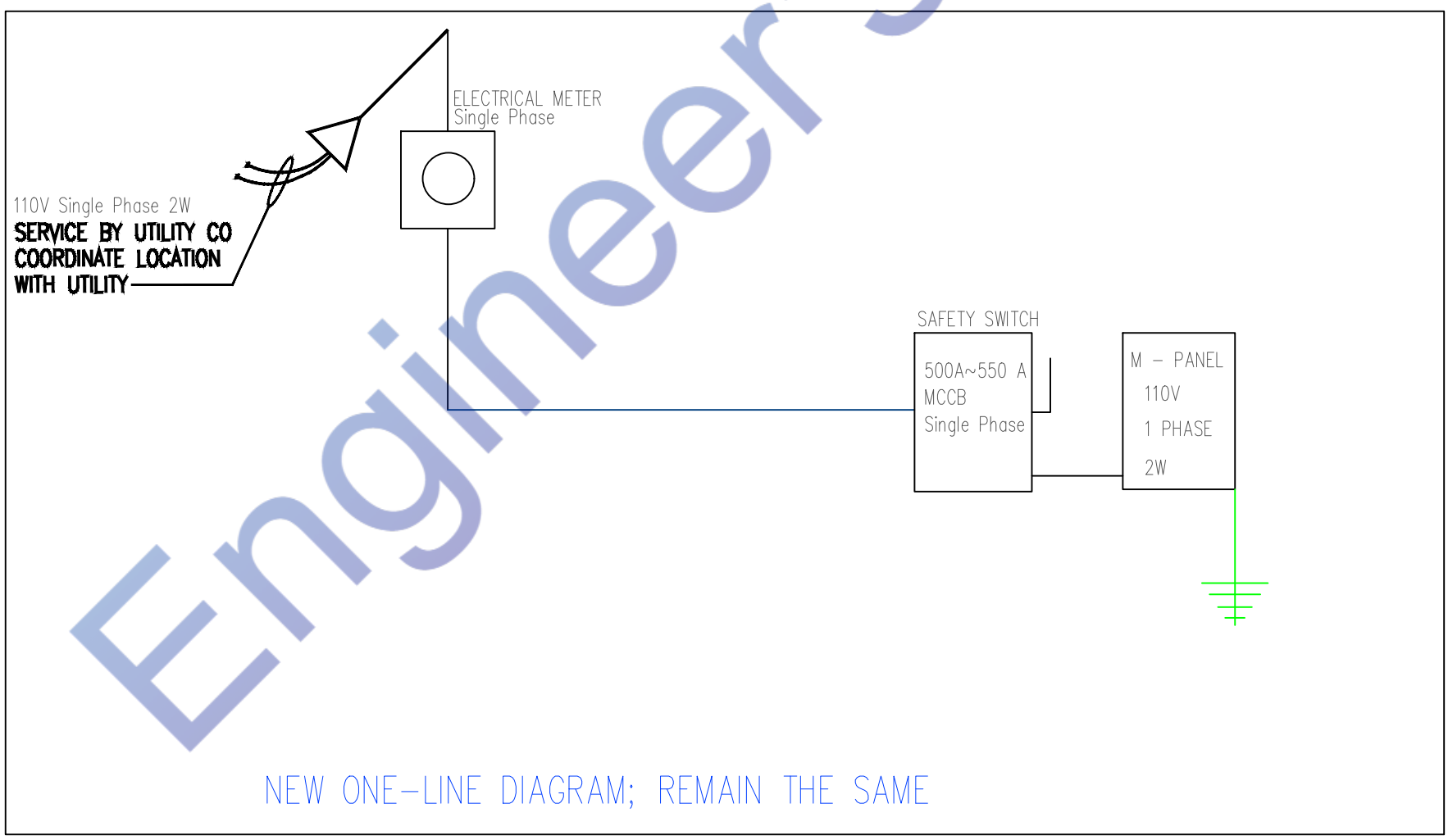
DATE:
DATE

DWG NO.:
DWGNO

REVISION:
0

SHEET NO.:
A-16

ELECTRICAL PANEL M											
LOAD SERVED	CKT #	TYPE	BKR TRIP	WIRE SIZE	PHASE A	PHASE A	BKR TRIP	WIRE SIZE	TYPE	CKT #	LOAD SERVED
KITCHEN ROOM POWER	1		25	#12	3000	300	15	#14		2	BEDROOM-1 POWER
DINING ROOM POWER	3		20	#12	1500	200	15	#14		4	BEDROOM-2 POWER
LIVING ROOM POWER	5		20	#12	1000	200	15	#14		6	BEDROOM-3 POWER
BATHROOM -1,2,3 POWER	7		15	#14	300	200	15	#14		8	BABEDROOM-4 POWER
LANUDRY - 1,2 POWER	9		25	#12	2000	300	15	#14		10	BABEDROOM-5 POWER
HVAC - 1	11		250	#2	28135	3500	30	#10		12	WATER HEATER
HVAC - 2	13		80	#3	8792	2470	25	#12		14	TOTAL LIGHTS & FAN
SPARE	15		15	#14	0	0	0	#14		15	SPARE
TOTAL VA PHASE A					44727	7170					51897
DIVIDE TOTAL VOLT-AMPS BY SYSTEM VOLTAGE (PHASE TO PHASE)					120	AMPS					432
TOTAL CONNECTED LOAD (AMPS) @ 125%					540						
MAIN TYPE AND AMPERE RATING					550 AMP MCCB						
PANEL FEEDER SIZE – SEE RISER DIAGRAM											



NEW ONE-LINE DIAGRAM; REMAIN THE SAME

1 E200 SINGLE LINE DIAGRAM

DRAWINGS PROVIDED BY:
IAC ARCHITECTS &CONSULTANS
ENGINEERING SOLUTION
ARCHITECTURE, (M.E.P) CONSULTANT,QUANTITY SURVEYOR,
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DRAWING TITLE:
ELECTRICAL LOAD SCHEDULE PLAN

CLIENT NAME:
SUAVIEDAVIS

PROJECT ADDRESS:
215 4TH TERRACE NORTH
STATE OF ALABAMA)
COUNTY OF JEFFERSON)

SCALE:
1/2"=1'-0"

DATE:
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DWG NO.:
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REVISION:
0

SHEET NO.
A-17