LUCKY HAIR SALOON

8990 COIT RD CROSSING, SUITE 500
CITY OF FRISCO, TX

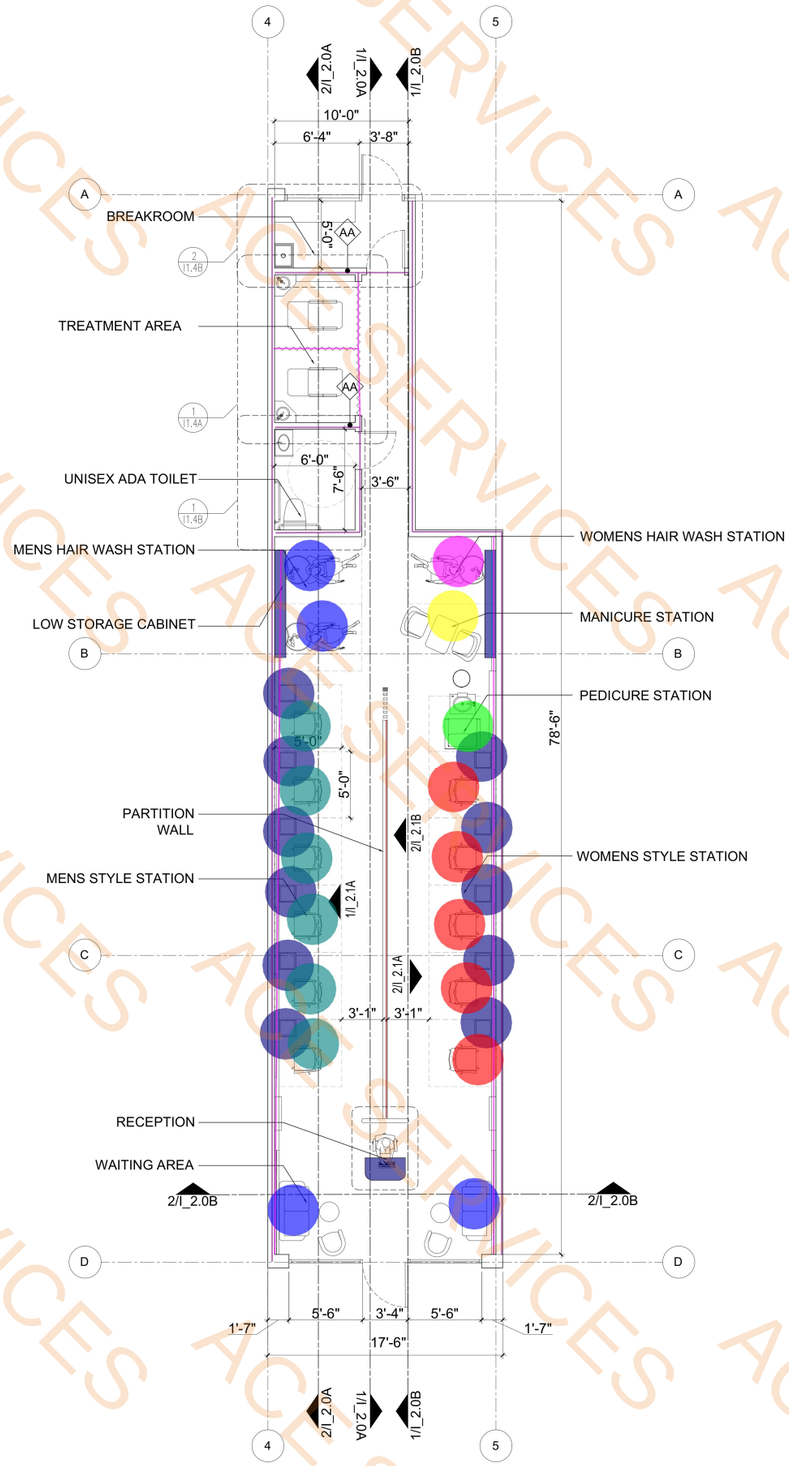


MARCH, 2025

DESIGN STUDIO

ACE SERVICES

3'-6" W x 8'-4" H MR-01 Mirror & WD-02 Trim	11.0 EA
10" D Storage Base Cabinets (3' H)	8.0 FT
Countertop	18.1 SQ FT
Mens Style Station	6.0 EA
WoMens Style Station	5.0 EA
Pedicure Station	1.0 EA
Manicure Station	1.0 EA
Mens Hair Wash Station	2.0 EA
WoMens Hair Wash Station	1.0 EA
Wall Tag AA (Full Height)	196.4 FT
Waiting Area Furniture (Sofa W/Chair)	2.0 EA
Curtain	16.3 FT
Partition Wall @ 12' H	29.7 FT
Furring Wall	106.0 FT



1 FLOOR PLAN - LEVEL 1

SCALE: 3/16" = 1'-0"

ENLARGED ARCH. DWGS.

GENERAL NOTES

DESCRIPTION

1. REF I_4.0A FOR DOOR INFORMATION
2. REF I_5.0 FOR FINISH SCHEDULE
3. REF I_6.0 FOR PLUMBING SCHEDULE
4. REF E_2.1 AND E_3.1 FOR LIGHTING PLAN AND POWER PLAN

DESIGN STUDIO

GENERAL NOTES

PROJECT EXTENT

LUCKY HAIR SALON

8990 Coit Rd Frisco,TEXAS

03/12/2025

SHEET TITLE.

FLOOR PLAN

SHEET NO.

I_1.0A

ACE SERVICES

ACE SERVICES

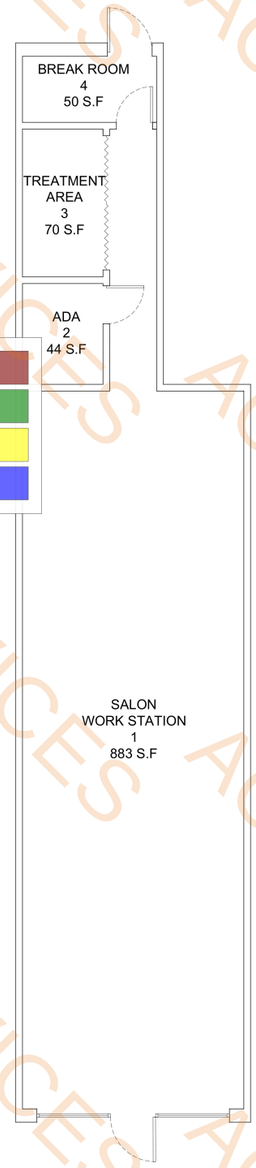
ENLARGED ARCH. DWGS.

GENERAL NOTES

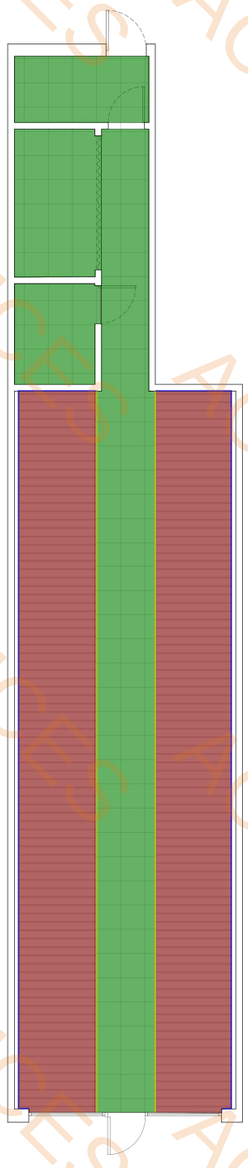
DESCRIPTION

1. REF I_4.0A FOR DOOR INFORMATION
2. REF I_5.0 FOR FINISH SCHEDULE
3. REF I_6.0 FOR PLUMBING SCHEDULE
4. REF E_2.1 AND E_3.1 FOR LIGHTING PLAN AND POWER PLAN

WD-01	617.7 SQ FT
TL-03	471.4 SQ FT
Transition Strip @ Flooring Changes	107.6 FT
4" H Wood Base	120.0 FT



2 AREA FLOOR PLAN
SCALE: 3/16" = 1'-0"

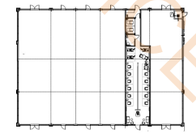


1 FLOOR FINISH
SCALE: 3/16" = 1'-0"

DESIGN STUDIO

GENERAL NOTES

PROJECT EXTENT



LUCKY HAIR SALON
8990 Coit Rd Frisco, TEXAS

03/12/2025

SHEET TITLE.
FLOOR FINISH PLAN

SHEET NO.
I_1.1A

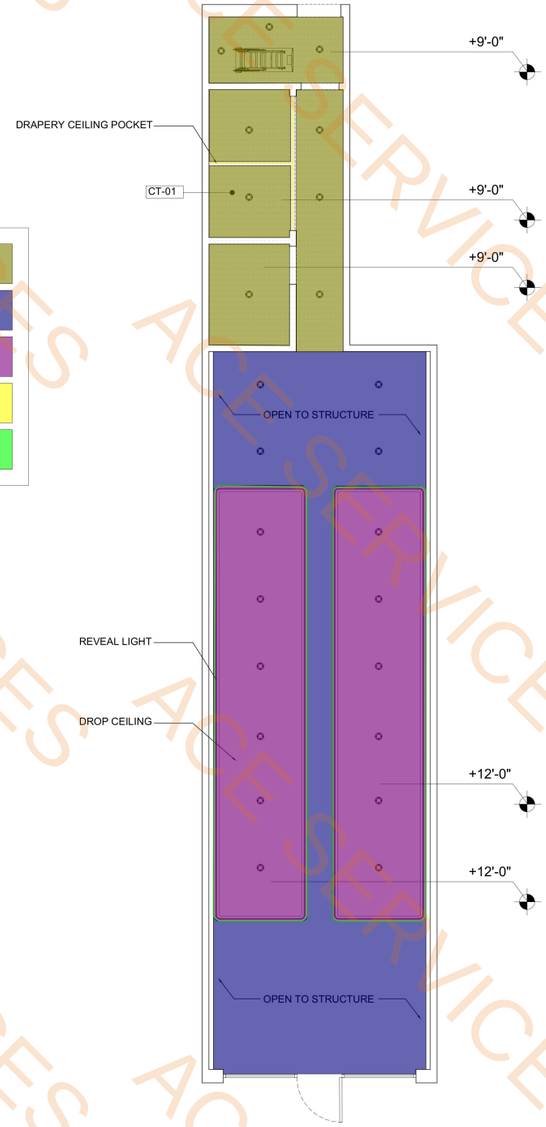
ENLARGED ARCH. DWGS.

GENERAL NOTES

DESCRIPTION

1. REF I_4.0A FOR DOOR INFORMATION
2. REF I_5.0 FOR FINISH SCHEDULE
3. REF I_6.0 FOR PLUMBING SCHEDULE
4. REF E_2.1 AND E_3.1 FOR LIGHTING PLAN AND POWER PLAN

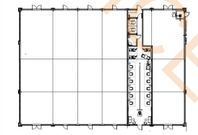
CT-01 Ceiling	227.0 SQ FT
Exposed Structure	398.6 SQ FT
Drop Ceiling	454.2 SQ FT
Curtain Drapes	16.2 FT
WD-04 Trim @ Drop Ceiling	156.2 FT



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

GENERAL NOTES

PROJECT EXTENT



LUCKY HAIR SALON
8990 Coit Rd Frisco,TEXAS

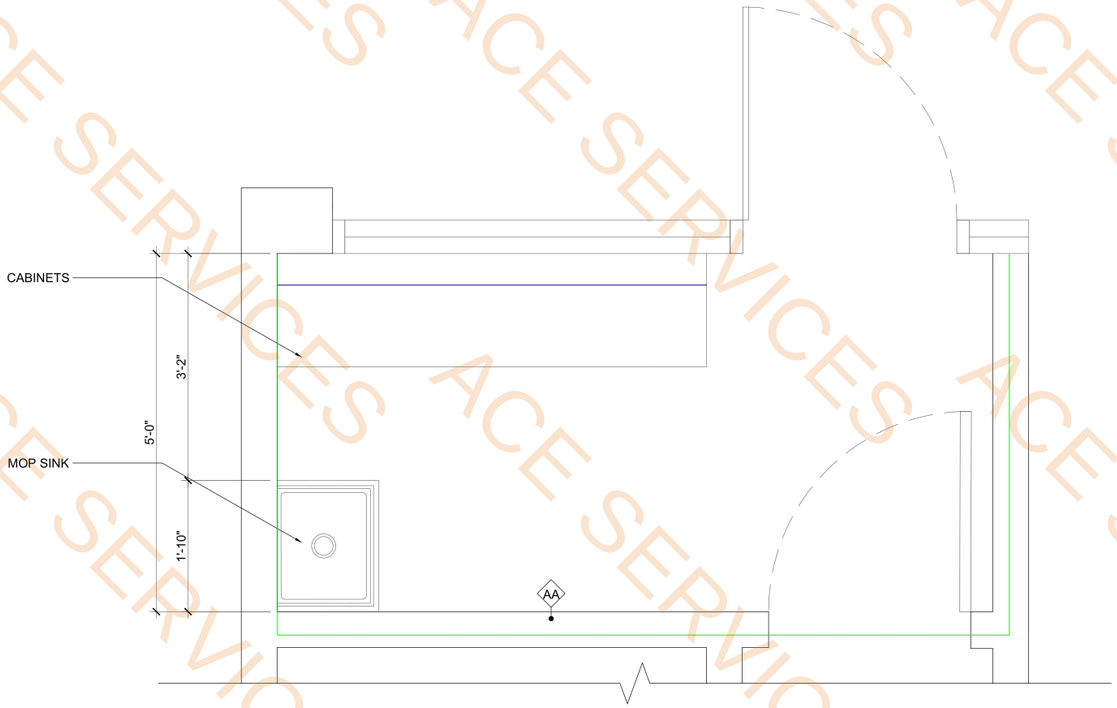
03/12/2025

SHEET TITLE.
REFLECTED CEILING PLAN

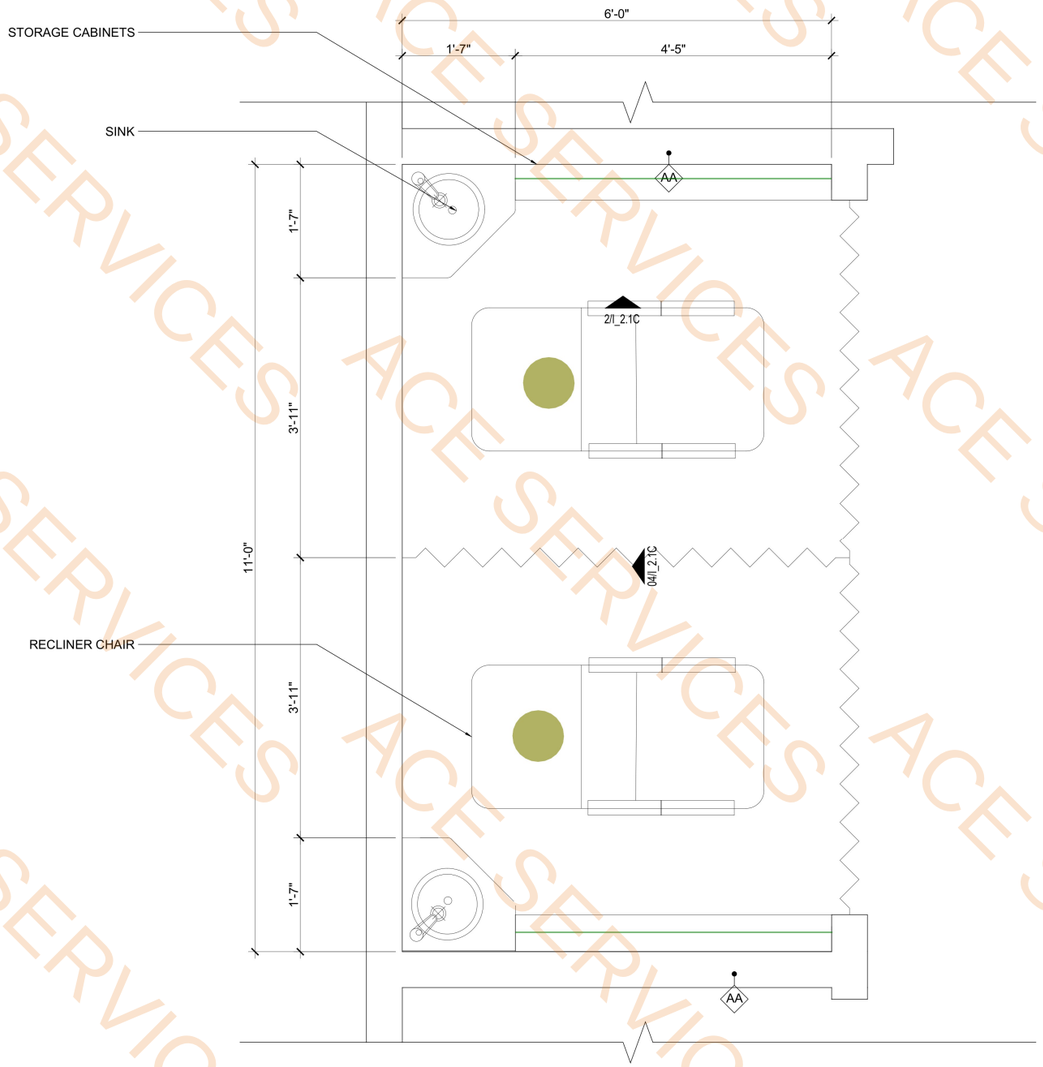
SHEET NO.
I_1.2A

ACE SERVICES

6" D Storage Base Cabinets (3' H)	8.9 FT
Recliner Chairs	2.0 EA
1'-6" D Storage Base Cabinets (3' H)	6.0 FT
Paint @ Breakroom Area (9' H)	20.9 FT



2 BREAKROOM PLAN
SCALE: 1" = 1'-0"



1 TREATMENT ROOM PLAN
SCALE: 1" = 1'-0"

GENERAL NOTES

PROJECT EXTENT

LUCKY HAIR SALON

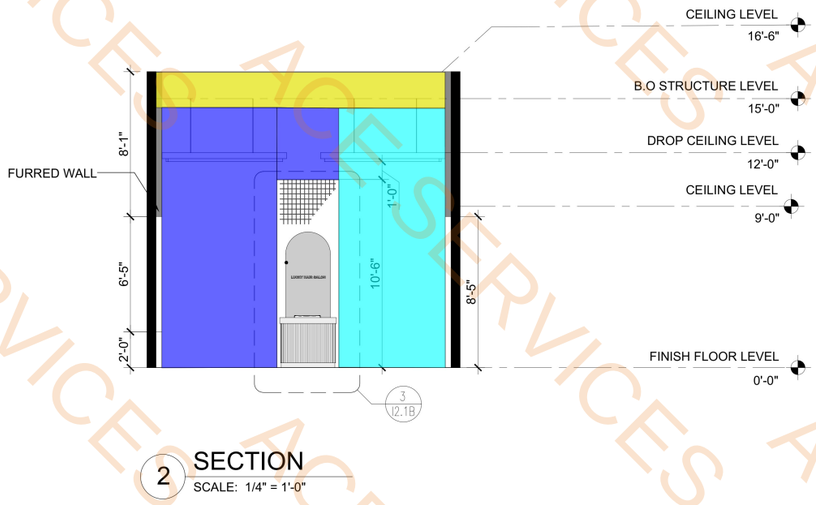
8990 Coit Rd Frisco, TEXAS

03/12/2025

SHEET TITLE.
ENLARGED PLANS

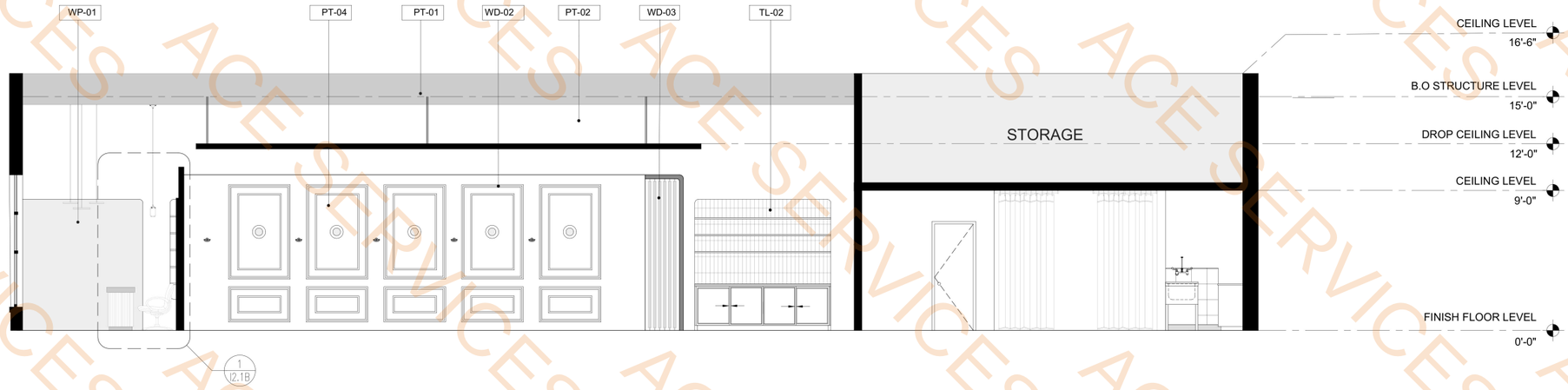
SHEET NO.
I_1.4B

ACE SERVICES



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

PT-01	32.1 SQ FT
PT-02	107.5 SQ FT
PT-03	86.1 SQ FT

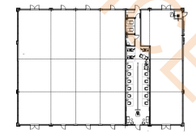


1 SECTION
SCALE: 1/4" = 1'-0"

ac DESIGN STUDIO

GENERAL NOTES

PROJECT EXTENT



LUCKY HAIR SALON

8990 Coit Rd Frisco,TEXAS

03/12/2025

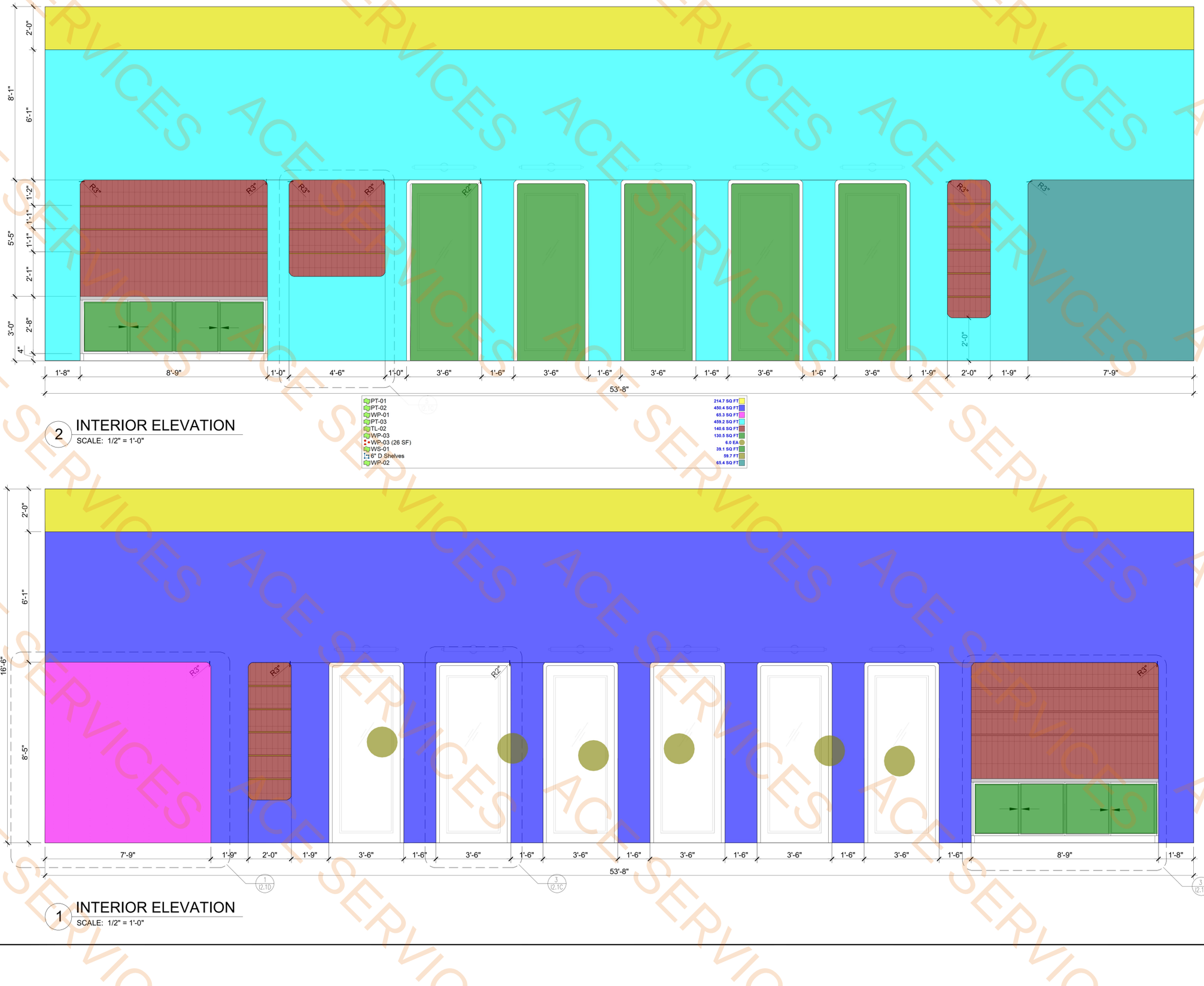
SHEET TITLE.

SECTIONS

SHEET NO.

I_2.0B

ACE SERVICES



2 INTERIOR ELEVATION

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

1 INTERIOR ELEVATION

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

GENERAL NOTES

PROJECT EXTENT

LUCKY HAIR SALON

8990 Coit Rd Frisco, TEXAS

03/12/2025

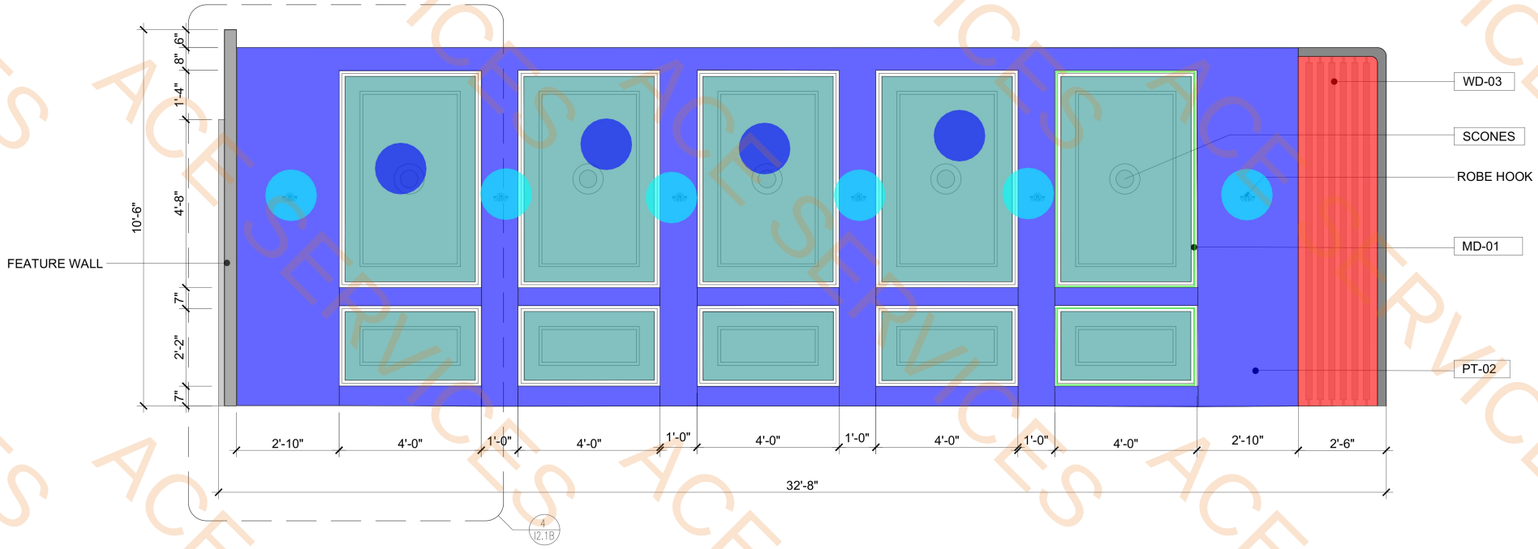
SHEET TITLE.

INTERIOR ELEVATIONS

SHEET NO.

I_2.1A

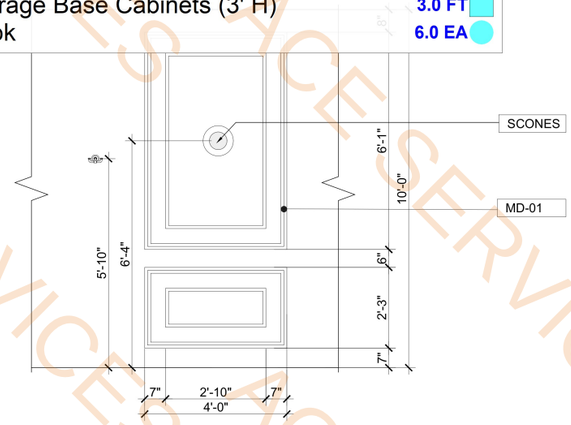
ACE SERVICES



2 ENLARGED ELEVATION

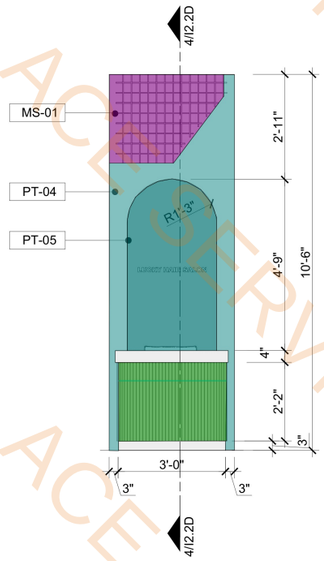
SCALE: 1/2" = 1'-0"

MS-01	6.6 SQ FT
PT-04	149.8 SQ FT
PT-05	11.2 SQ FT
WD-03	21.7 SQ FT
PT-02	131.5 SQ FT
MD-01	31.8 FT
MD-01 (32 LF)	4.0 EA
WS-01	6.6 SQ FT
10" D Storage Base Cabinets (3' H)	3.0 FT
Robe Hook	6.0 EA



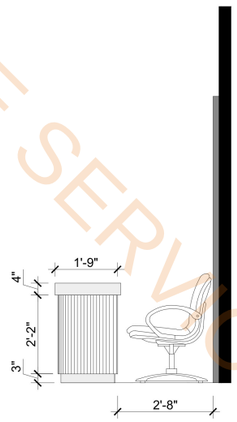
4 ENLARGED ELEVATION

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



3 ENLARGED ELEVATION

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

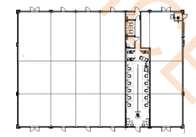


1 ENLARGED ELEVATION

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

GENERAL NOTES

PROJECT EXTENT



LUCKY HAIR SALON

8990 Coit Rd Frisco,TEXAS

03/12/2025

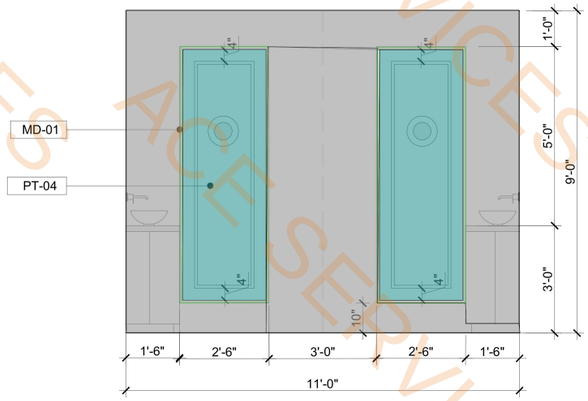
SHEET TITLE.

ENLARGED ELEVATIONS

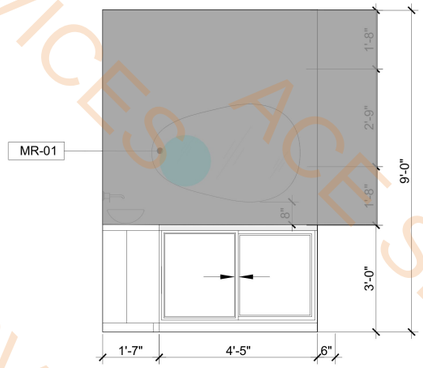
SHEET NO.

I_2.1B

ACE SERVICES

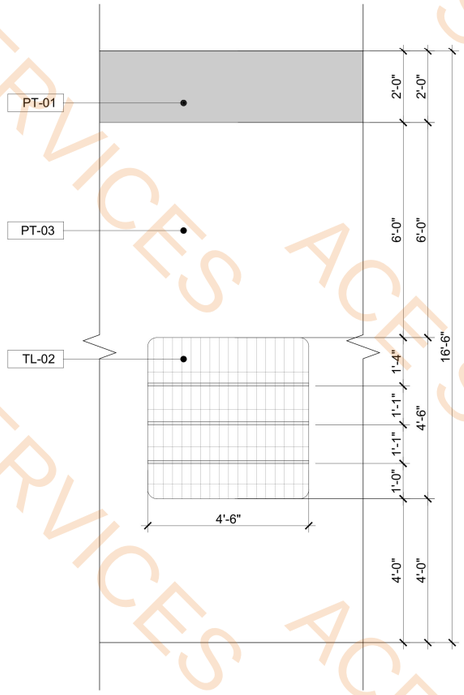


4 ENLARGED ELEVATION
SCALE: 1/2" = 1'-0"

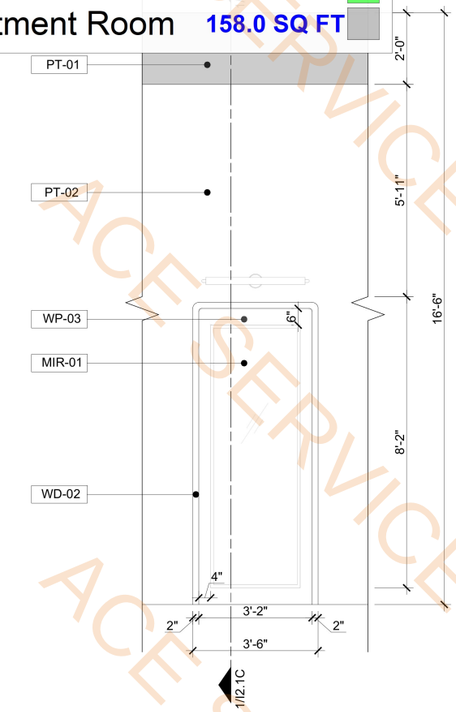


2 ENLARGED ELEVATION
SCALE: 1/2" = 1'-0"

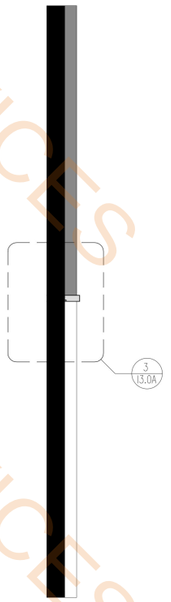
MR-01	1.0 EA
PT-04	32.7 SQ FT
MD-01	38.3 FT
Paint @ Treatment Room	158.0 SQ FT



5 ENLARGED ELEVATION
SCALE: 1/2" = 1'-0"



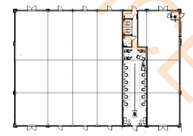
3 ENLARGED ELEVATION
SCALE: 1/2" = 1'-0"



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

GENERAL NOTES

PROJECT EXTENT



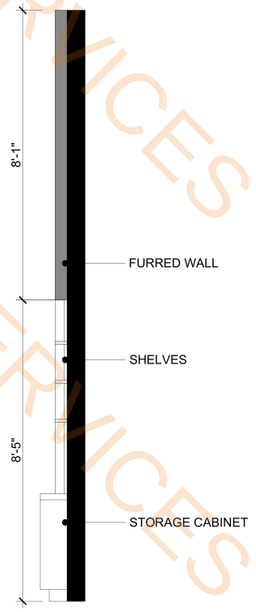
LUCKY HAIR SALON
8990 Coit Rd Frisco,TEXAS

03/12/2025

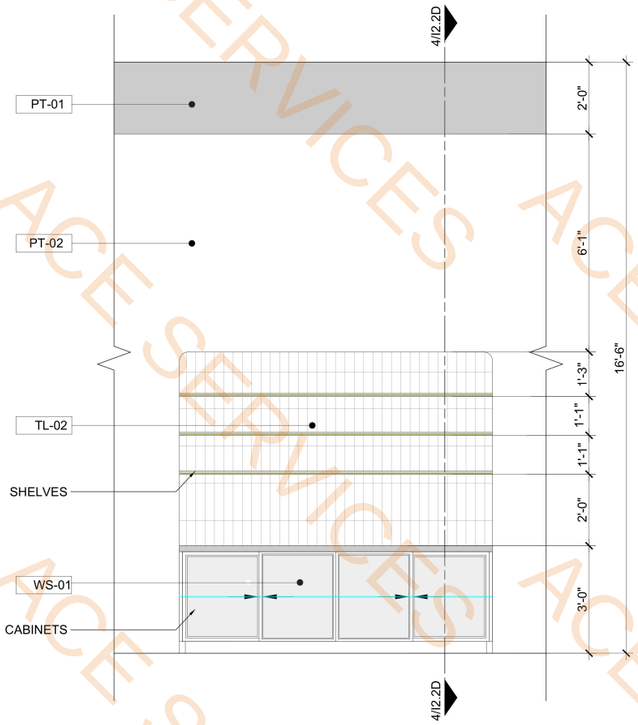
SHEET TITLE.
ENLARGED ELEVATIONS

SHEET NO.
I_2.1C

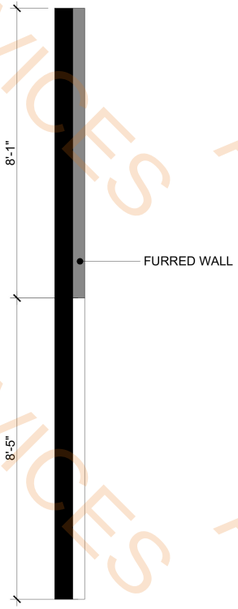
ACE SERVICES



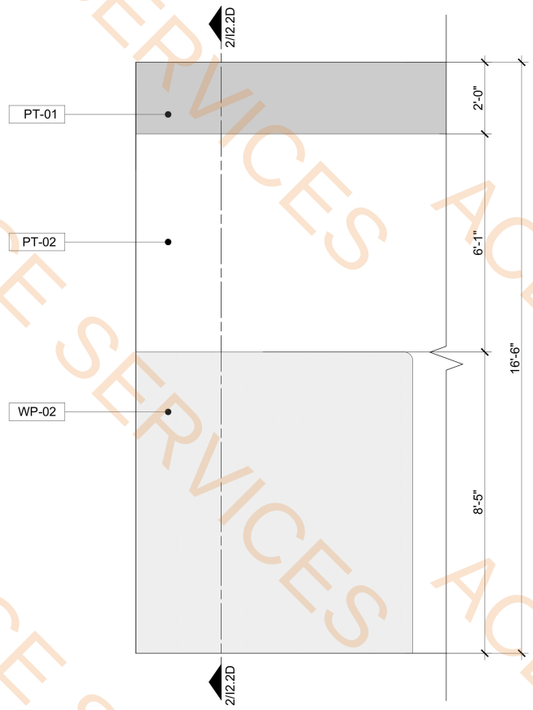
4 SECTION
SCALE: 1/2" = 1'-0"



3 ENLARGED ELEVATION
SCALE: 1/2" = 1'-0"



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

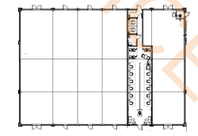


1 ENLARGED ELEVATION
SCALE: 1/2" = 1'-0"

10" D Storage Base Cabinets (3' H)	8.8 FT
6" D Shelves	26.3 FT

GENERAL NOTES

PROJECT EXTENT



LUCKY HAIR SALON

8990 Coit Rd Frisco,TEXAS

03/12/2025

SHEET TITLE.

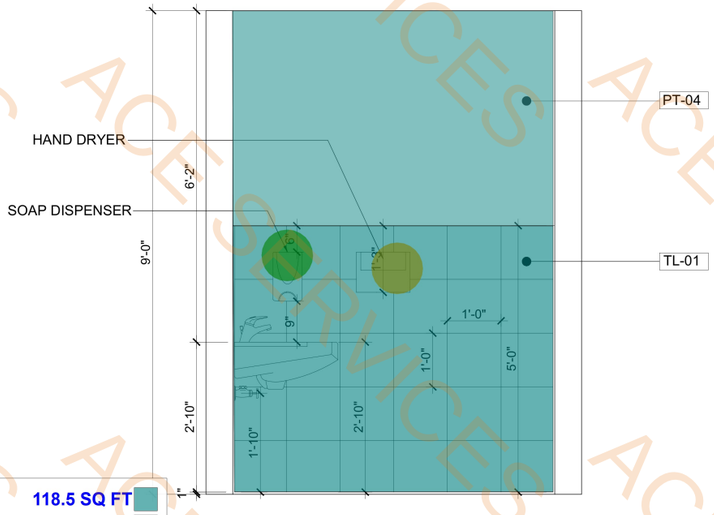
ENLARGED ELEVATIONS

SHEET NO.

I_2.1D

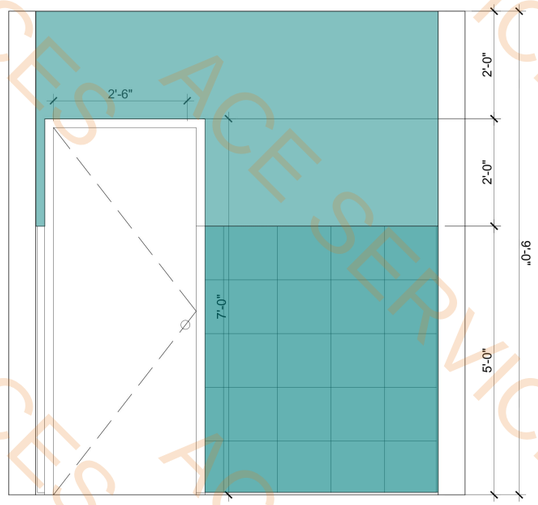
ACE SERVICES

ACE SERVICES

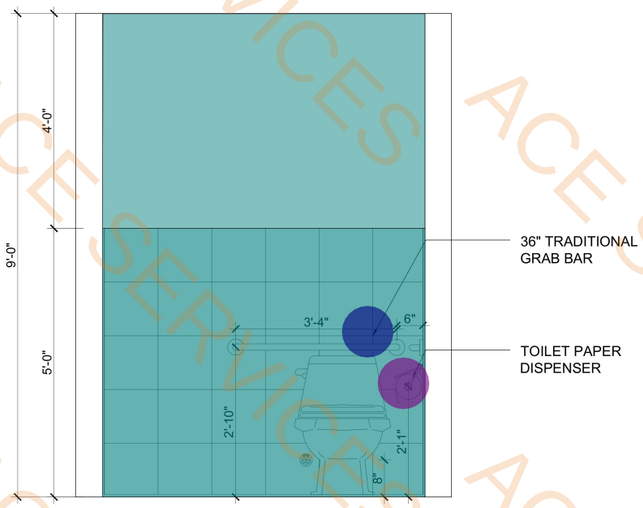


TL-01	118.5 SQ FT
PT-04	101.9 SQ FT
Soap Dispenser	1.0 EA
Hand Dryer	1.0 EA
36" Grab Bar	1.0 EA
Toilet Paper Dispenser	1.0 EA
42" Grab Bar	1.0 EA
Mirror	1.0 EA

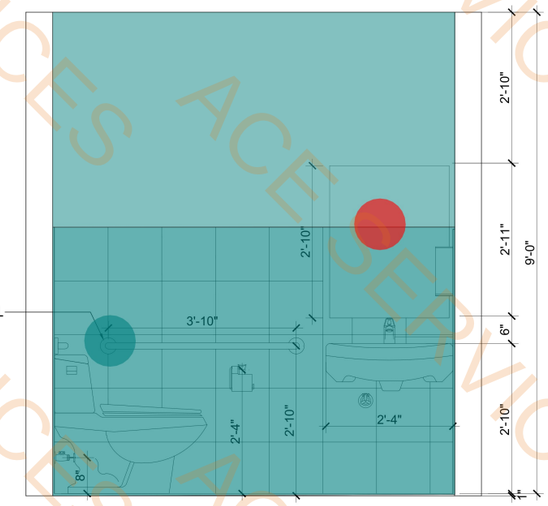
RESTROOM ELEVATION
SCALE: 3/4" = 1'-0"



2 RESTROOM ELEVATION
SCALE: 3/4" = 1'-0"



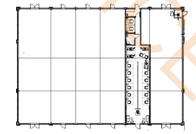
3 RESTROOM ELEVATION
SCALE: 3/4" = 1'-0"



1 RESTROOM ELEVATION
SCALE: 3/4" = 1'-0"

GENERAL NOTES

PROJECT EXTENT



LUCKY HAIR SALON
8990 Coit Rd Frisco, TEXAS

03/12/2025

SHEET TITLE.
ENLARGED ELEVATIONS

SHEET NO.
I_2.1E

SPLIT SYSTEM SCHEDULE

TAG	NOMINAL TONNAGE	TYPE	REFRIGERANT	PERFROMANCE		SERVICE VALVE		MOTOR DATA		ELECTRICAL DATA			SOUND POWER	BASIS OF DESIGN		DIMENSION	WEIGHT	ACCESSORIES
						SUCTION	LIQUID	LOAD	SPEED	MCA/FLA	MOCP	VOLTAGE/PH/HZ						
	TON			SEER2	AFUE	INCH	INCH	HP	RPM	AMPS	AMPS		dB	MANUFACTURER	MODEL	H x D x W (IN)	LBS	
CU-1	5	AIR CONDITIONER	R454B	18	–	1-1/8	3/8	1/3	300-1200	36.5	60	208-230/1/60	67-79	LENNOX	EL18KCV-060-230	39 x 39 x 35	270	
FURN-1	–	FURNACE	R454B	–	97	–	–	1	–	0/10.1	15	120/1/60	71	LENNOX	EL297UH090XV60C	42 x 33 x 30	164	
COIL-1	5	EVAP. COIL	R454B	18	–	7/8	3/8	–	–	–	–	–	–	LENNOX	CK40HT-61C	42 x 33 x 30	70	

NOTES:

1. REFER TO HVAC GENERAL NOTES AND DETAILS FOR ADDITIONAL INFORMATION.
2. ADJUST MOTOR SPEED TAP IN FIELD TO PROVIDE TOTAL CDM LISTED FOR EACH UNIT.
3. INDOOR AND OUTDOOR UNITS SHALL BE INSTALLED PER PLANS, MANUFACTURER'S RECOMMENDATIONS AND LOCAL CODE REQUIREMENTS.
4. PROVIDE WITH MANUFACTURER RECOMMENDED ISOLATION TO ALLEVIATE SOUND OR VIBRATION TRANSMISSION TO THE BUILDING STRUCTURE.
5. THE MAXIMUM TOTAL LENGTH OF REFRIGERANT LINES FROM OUTDOOR TO INDOOR UNIT SHOULD NOT EXCEED 150 FEET (INCLUDING LIFT).
6. THE MAXIMUM VERTICAL CHANGE SHOULD NOT EXCEED 50 FEET.
7. THE SUPPORT PAD SHOULD BE AT LEAST 1" LARGER THAN THE UNIT ON ALL SIDES.
8. THE SUPPORT PAD MUST BE SEPARATE FROM ANY STRUCTURE, LEVEL AND COMPLY WITH NATIONAL, STATE AND LOCAL CODES.
9. OUTSIDE AIR CONTROLLED BY A VENTILATION CONTROLLER WITH TEMPERATURE/HUMIDITY LIMITS (APRILAIRE 8145 OR APPROVED EQUAL) AND AN OUTSIDE AIR FAN WITH MOTORIZED DAMPER, MERV 6 FILTER BOX OR AN ALL-IN-ONE FRESH AIR VENTILATOR WITH CONTROLLER.

ACCESSORIES(THIS LIST IS NOT ALL INCLUSIVE. IN ADDITION, PROVIDE MANUFACTURER RECOMMEND ACCESSORIES FOR SAFE AND PROPER OPERATION):

1. 7-DAY PROGRAMMABLE THERMOSTAT, MANUAL CHANGEOVER WITH COMPRESSOR ANTI-RECYCLE PROTECTION AND TIME DELAY RELAY.
2. INDOOR UNIT - SINGLE POINT POWER WIRING KIT WITH DISCONNECTING MEANS AND OVERLOAD PROTECTION.
3. OUTDOOR UNIT - DISCONNECT FURNISHED BY MECHANICAL, INSTALLED BY ELECTRICAL.
4. FACTORY MOUNTED THERMAL EXPANSION VALVE.
5. REFRIGERANT FILTER DRIER.
6. SAFETY SWITCH INSTALLED IN SECONDARY CONDENSATE DRAIN FOR OVERFLOW PROTECTION.
7. HARD START KIT.
8. CRANKCASE HEATER.

SELECTION BASED ON PRODUCTS BY LENNOX.
EQUAL PRODUCTS BY: GOODMAN, DAIKIN, TRANE, RHEEM, CARRIER.

MECHANICAL AIR TERMINAL DEVICES SCHEDULE

TAG	SIZE	DESCRIPTION	CONSTRUCTION		BASIS OF DESIGN		NOTES
			MATERIAL	OBD	DISCHARGE PATTERN	MANUFACTURER	MODEL OR SERIES	
S1	24"X24"	SUPPLY DIFFUSER	ALUMINUM	NO	4-WAY	TITUS	TMS-AA	1,2,3,4
S2	24"X24"	SUPPLY DIFFUSER	ALUMINUM	NO	4-WAY	TITUS	TMS-AA	1,2,3,4
S3	24"X4"	SUPPLY DIFFUSER	ALUMINUM	NO	1" SINGLE SLOT	TITUS	ML-39	1,2,3,4
S4	24"X4"	SIDEWALL SUPPLY	ALUMINUM	YES	DOUBLE DEFLECTION SIDEWALL	TITUS	S300FL	1,2,3,4
R1	24"X24"	RETURN FILTER GRILLE	ALUMINUM	NO	3/4" SPACING	TITUS	55FFL	1,2,3,4

NOTES:

1. REFER TO HVAC GENERAL NOTES AND DETAILS FOR ADDITIONAL INFORMATION.
2. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.
3. FINISH SHALL BE MANUFACTURER'S STANDARD WHITE, UNLESS NOTED OTHERWISE.
4. STEEL CONSTRUCTION AS REQUIRED BY UL INSTALLATION DETAIL FOR GRILLE ACCESS TYPE FIRE/SMOKE DAMPER.
5. WALL CAP SHALL BE THE SAME SIZE AS THE EXHUAST/OUTSIDE AIR DUCT.
6. WALL CAP SHALL BE ALUMINUM OR GALVANIZED STEEL WITH PAINT GRIP COATING FOR FIELD PAINTING (FIELD PAINTING BY OTHERS).

SELECTION BASED ON PRODUCTS BY AIRMATE AND BROAN.
EQUAL PRODUCTS BY: TRUAIRE, HART AND COOLEY, USAIRE, METALAIRE, NAILOR.

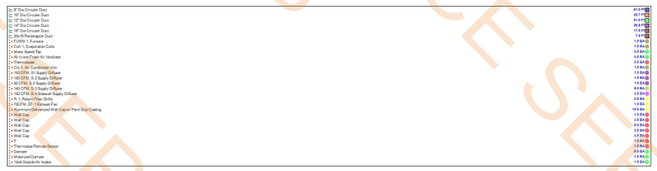
FAN SCHEDULE

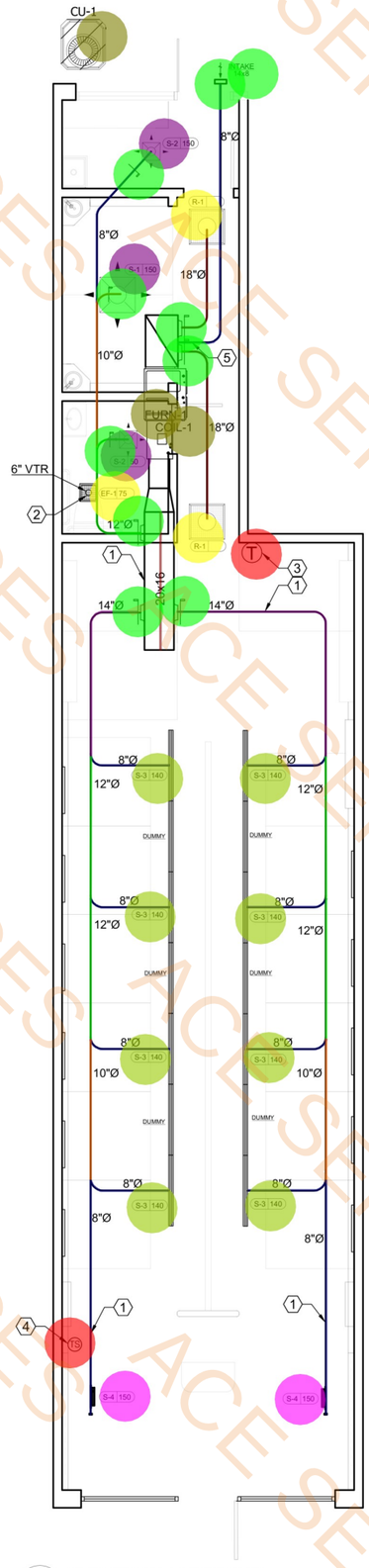
TAG	MANUF.	MODEL	TYPE	LOCATION	FAN DETAILS							NOTES
					CFM	SP (IN WC)	DRIVE	MOTOR SIZE	MAX SONES	CONTROL	WEIGHT (LBS)	
EF-1	GREENHECK	SP-A90-QD	CEILING CENTRIFUGAL	RESTROOM	75	0.25	DIRECT	16.9	0.3	WALL SWITCH	10	1, 3, 5, 6

ACCESSORIES:

1. GRAVITY BACKDRAFT DAMPER.
2. MOTORIZED BACKDRAFT DAMPER.
3. FACTORY MOUNTED DISCONNECT MEANS.
4. SPEED CONTROLLER.
5. ENERGY STAR.
6. WALL MOUNTED TIMER SWITCH (0-30 MINUTES) - LABEL "KITCHEN VENTILATION FAN" (FOR MOUNTING BY ELECTRICAL).

SELECTION BASED ON PRODUCTS BY GREENHECK AND BROAN.
EQUAL PRODUCTS BY: PANASONIC, TWIN CITY, COOK, ACME, CARNES, PENNBARRY, AEROVENT.





1 MECHANICAL FLOOR PLAN
1/4" = 1'-0"

LONE STAR MEPI

LONE STAR MEP AND INSPECTION SOLUTIONS, LLC
11782 JAYDEN LN.
TYLER, TX-75703
P- 903.426.5303
www.lonestarmepi.com
Texas Engineering Firm #F-23689

GENERAL MECHANICAL NOTES:

A. ALL DUCTWORK AND DIFFUSER/GRILLE BACK INSULATION TO HAVE A VALUE OF NO LESS THAN R-8. INSULATE ALL SUPPLY DUCTWORK.

B. ALL OUTSIDE AIR INTAKES TO BE A MINIMUM OF 10' FROM THE NEAREST EXHAUST PORT.

C. ALL EQUIPMENT TO BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.

D. PROVIDE ACCESS PANELS TO ACCESS EQUIPMENT LOCATED ABOVE HARD LID CEILING. RE: ARCHITECTURAL.

E. CONTRACTOR TO COORDINATE WITH ARCHITECT FOR ALL WALLS THAT GO TO STRUCTURE. PROVIDE TRANSFER FOR RETURN PATH.

F. PAINT ALL EXPOSED DUCTWORK AND CONDENSATE PIPING. COORDINATE ALL FINISH WITH ARCHITECT.

(#) KEYED NOTES:

1. ALL ROUND EXPOSED DUCTS TO BE DOUBLE WALL SPIRAL DUCT AND ALL RECTANGULAR EXPOSED DUCT TO BE PAINT GRIP MATERIAL. HANG DUCTS TO BUILDING STRUCTURE AS PER THE MANUFACTURER RECOMMENDATION. CO-ORDINATE DUCT FINISH/COLOR WITH OWNER/ARCHITECT.
2. ROUTE EXHAUST DUCT UP TO ROOF EXHAUST RELIEF. PROVIDE WITH BIRD SCREEN AND BACKDRAFT DAMPER.
3. PROVIDE A PROGRAMMABLE THERMOSTAT CONTROL ON WALL AT 48" AFF. VERIFY MOUNTING HEIGHT AND LOCATION WITH OWNER/ARCHITECT.
4. PROVIDE THERMOSTAT REMOTE SENSOR FOR RTU-1 AT 60' A.F.F. VERIFY FINAL MOUNTING HEIGHT AND LOCATION WITH OWNER/ARCHITECT.
5. PROVIDE OUTSIDE AIR INTAKE WITH MOTORIZED DAMPER. ADJUST AND BALANCE TOTAL AIRFLOW TO BE 300 CFM.

STATE OF TEXAS
BIRAJ BHANDARI
140804
LICENSED
PROFESSIONAL ENGINEER
03/14/25

GENERAL NOTES

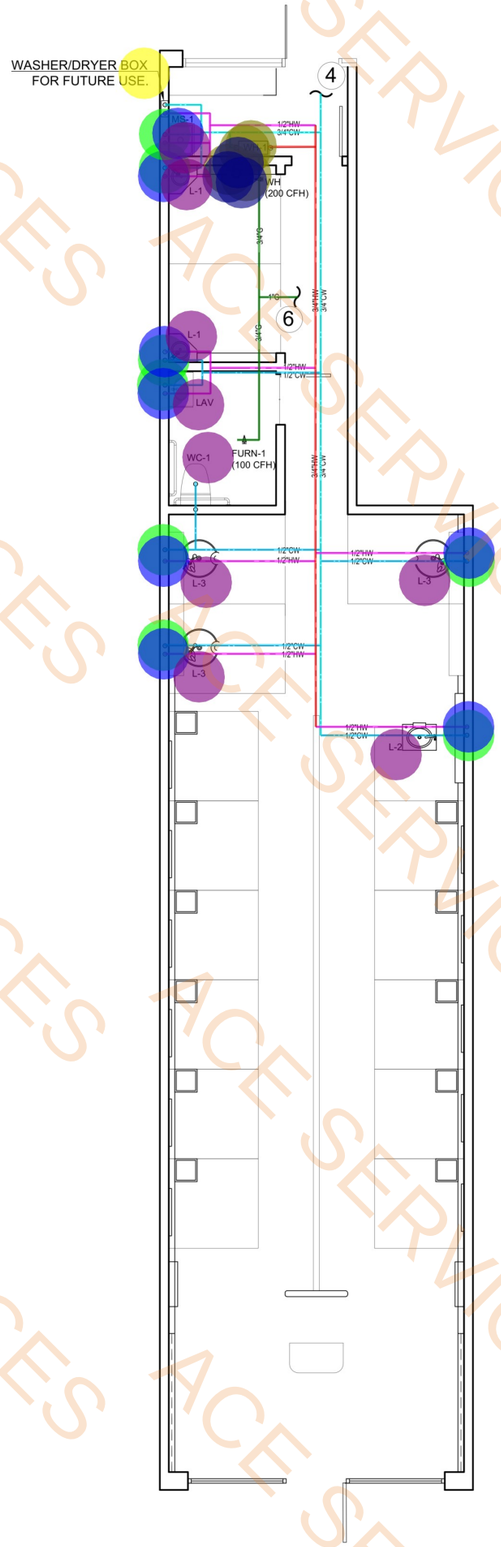
PROJECT EXTENT

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8990 COIT ROAD,
FRISCO, TX- 75035

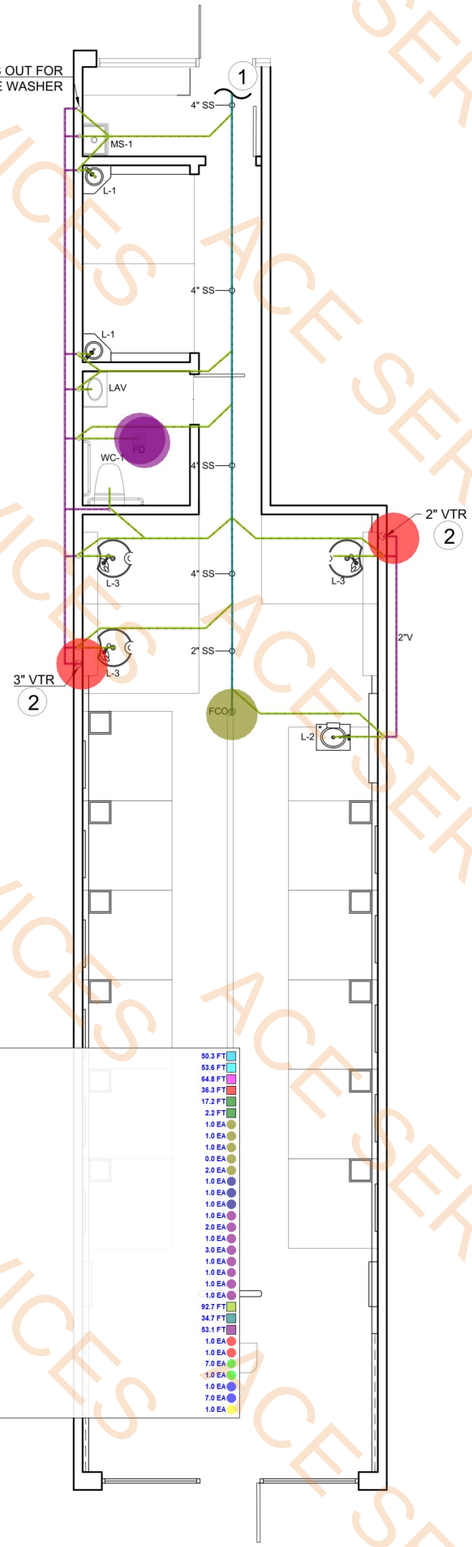
REVISIONS

SHEET TITLE.
MECHANICAL FLOOR PLAN AND SCHEDULE

SHEET NO.
M1.1



1 PLUMBING FLOOR PLAN - ABOVESLAB
1/4" = 1'-0"



2 PLUMBING FLOOR PLAN - UNDERSLAB
1/4" = 1'-0"

	1/2" CW	50.3 FT
	3/4" CW	53.6 FT
	1/2" HW	64.8 FT
	3/4" HW	36.3 FT
	3/4" Gas	17.2 FT
	1" Gas	2.2 FT
*	Gas Water Heater	1.0 EA
*	Expansion Tank	1.0 EA
*	FCO, Floor Clean Out	1.0 EA
*	FURN-1, Furnace	0.0 EA
*	Concentric Combustion Air/Vent Flue	2.0 EA
*	Isolation Valve	1.0 EA
*	T&P Valve	1.0 EA
*	Thermostatic Mixing Valve	1.0 EA
*	MS-1, Mop Sink w/ Z843M1 Service Faucet	1.0 EA
*	L-1, Barber Sink	2.0 EA
*	L-2, Pedicure Sink	1.0 EA
*	L-3, Hair Wash Sink	3.0 EA
*	FD, Floor Drain	1.0 EA
*	Trap Primer	1.0 EA
*	LAV, Wall Mounted Lavatory Sink	1.0 EA
*	WC-1, Water Closet	1.0 EA
	2" SS Pipe	92.7 FT
	4" SS Pipe	34.7 FT
	2" Vent Pipe	53.1 FT
*	3" VTR, 21'-0"	1.0 EA
*	2" VTR, 21'-0"	1.0 EA
*	1/2" CW Riser, H: 3'-0"	7.0 EA
*	3/4" CW Riser, H: 3'-0"	1.0 EA
*	3/4" HW Riser, H: 3'-0"	1.0 EA
*	1/2" HW Riser, H: 3'-0"	7.0 EA
*	Washer/Dryer Box	1.0 EA

GENERAL MECHANICAL NOTES:

A. REFER TO P1.0 FOR GENERAL NOTES, SYMBOLS, AND ABBREVIATIONS.

B. REFER TO PLUMBING RISER DIAGRAMS AND SCHEDULES FOR ADDITIONAL PIPE ROUTING AND SIZING.

C. NO 90 DEGREE WASTE FITTINGS ARE TO BE USED IN THE HORIZONTAL POSITION BELOW THE SLAB. UTILIZE 45 DEGREE FITTINGS CREATING A MINIMUM 3' SWEEP.

D. PROVIDE A SLOPE OF HORIZONTAL DRAINAGE PIPE TO BE 1/8 INCH PER FOOT. PROVIDE A SLOPE OF THE HORIZONTAL DRAINAGE PIPE UPSTREAM OF A GREASE INTERCEPTOR TO BE 1/4 INCH PER FOOT.

E. PLUMBING CONTRACTOR SHALL COORDINATE HUB DRAIN LOCATIONS, OR ANY OTHER FIXTURE THAT IS NOT INSTALLED FLUSH WITH THE FLOOR, WITH EQUIPMENT DRAWINGS AND MILLWORK.

F. PROVIDE PIPE SLEEVES WHERE UNDERGROUND LINES PASS THROUGH GRADE BEAMS. COORDINATE WITH STRUCTURAL.

G. CONTRACTOR SHALL PERFORM LEAK TESTING ON UNDERGROUND PIPING PRIOR TO BACKFILL.

H. TRAP PRIMER SHALL BE PROVIDED AT ALL THE FLOOR DRAINS. INSTALL AS PER MANUFACTURER'S RECOMMENDATIONS.

(#) KEYED NOTES:

1. EXTEND NEW 4" SANITARY SEWER LINE. CONNECT TO THE EXISTING SEWER STUB OUT.
2. VENT FROM THE PLUMBING FIXTURES. EXTEND UP THROUGH WALL TO ROOF AND TERMINATE WITH VENT CAP. VERIFY ALL CONDITIONS ON FIELD.
3. ROUTE INDIRECT WASTE FROM EQUIPMENT TO/INTO FLOOR SINK OR FLOOR DRAIN THROUGH AIR GAP EQUAL TO 2 x DIAMETER OF WASTE PIPE. EACH WELL OF A MULTIPLE COMPARTMENT SINK SHALL DISCHARGE INDEPENDENTLY TO THE FLOOR SINK/FLOOR DRAIN. A TRAP IS REQUIRED IN INDIRECT WASTE PIPING THAT EXCEEDS 30 INCHES IN DEVELOPED LENGTH MEASURED HORIZONTALLY OR 54 INCHES IN TOTAL DEVELOPED LENGTH. PROVIDE WITH REMOVABLE STRAINER OR BASKET AND READY ACCESS TO THE FLOOR SINK/FLOOR DRAIN.
4. CONNECT NEW 1" CW TO THE EXISTING WATER LINE TAP. COORDINATE LOCATION ON SITE. VERIFY WATER PRESSURE ON SITE. PROVIDE BACK FLOW PREVENTER ASSEMBLY PER CITY REQUIREMENTS. INSTALL AS PER MANUFACTURER RECOMMENDATION.
5. PROVIDE AND INSTALL GAS TANKLESS WATER HEATER ABOVE CEILING. PROVIDE DW AND HW CONNECTIONS, ISOLATION VALVE BEFORE DW AND HW CONNECTIONS, THERMOSTATIC MIXING VALVE AND EXPANSION TANK PER CODE.
6. CONNECT NEW 1" GAS TO THE EXISTING GAS LINE STUB OUT. COORDINATE LOCATION ON SITE.

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GENERAL NOTES

PROJECT EXTENT

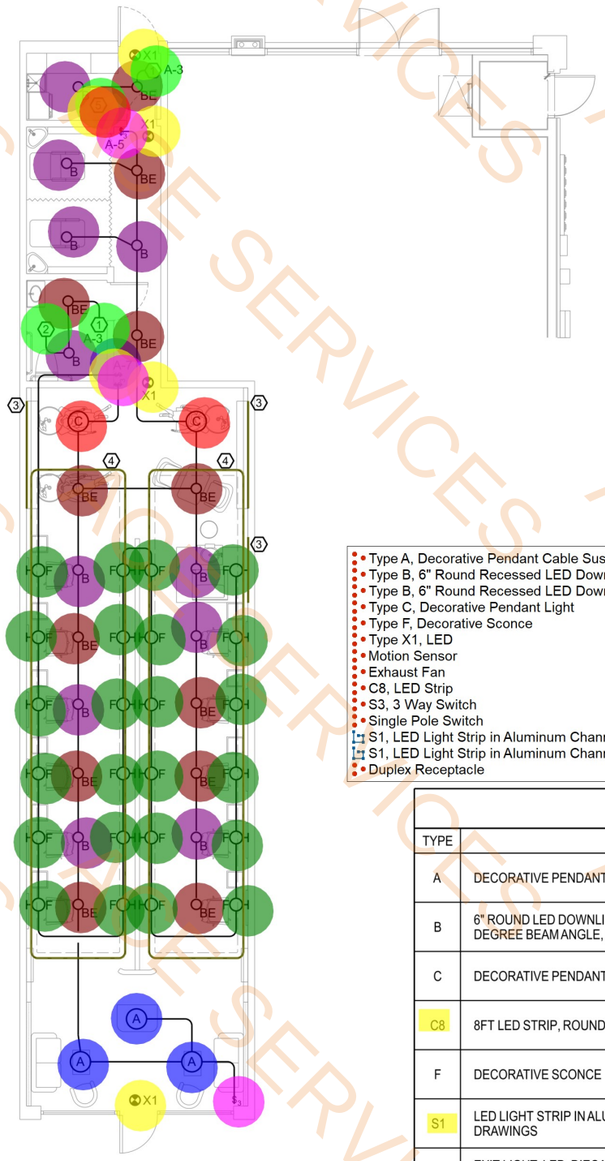
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REVISIONS

SHEET TITLE.
PLUMBING FLOOR PLAN

SHEET NO.
P1.1

ACE SERVICES



- Type A, Decorative Pendant Cable Suspended — 4.0 EA
- Type B, 6" Round Recessed LED Downlight w/ Bar Hangers — 11.0 EA
- Type B, 6" Round Recessed LED Downlight w/ Bar Hangers — 12.0 EA
- Type C, Decorative Pendant Light — 2.0 EA
- Type F, Decorative Sconce — 24.0 EA
- Type X1, LED — 4.0 EA
- Motion Sensor — 2.0 EA
- Exhaust Fan — 1.0 EA
- C8, LED Strip — 1.0 EA
- S3, 3 Way Switch — 3.0 EA
- Single Pole Switch — 2.0 EA
- S1, LED Light Strip in Aluminum Channel — 20.9 FT
- S1, LED Light Strip in Aluminum Channel — 171.9 FT
- Duplex Receptacle — 1.0 EA

1 LIGHTING PLAN

SCALE: 3/16" = 1'-0"

GENERAL NOTES

1. REFER TO REFLECTED CEILING PLAN ON ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF CEILING MOUNTED INTERIOR LIGHT FIXTURES. REFER TO ELEVATIONS ON ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF INTERIOR AND EXTERIOR WALL MOUNTED LIGHT FIXTURES.
2. ALL LIGHTING CONTROL DEVICES AND PROGRAMMING SHALL COMPLY WITH 2021IECC.
3. INTERCONNECT ALL CEILING MOUNTED MOTION SENSORS, WALL MOUNTED MOTION SENSORS, ROOM CONTROLLERS AND LOW VOLTAGE WALL SWITCHES LOCATED IN A ROOM OR CORRIDOR SO THAT THEY FORM AN INTEGRATED LIGHTING CONTROL SYSTEM FOR ROOM OR CORRIDOR.
4. FOR RESTROOMS, LOBBIES, STAIRWAYS AND CORRIDORS CEILING SENSORS SHALL OPERATE AS AUTOMATIC 100% ON AND AS A VACANCY OFF AFTER DETECTING NO OCCUPANTS FOR 30 MINUTES. FOR ALL OTHER SPACES, CEILING SENSORS SHALL OPERATE AS AUTOMATIC 50% ON AND VACANCY OFF AFTER DETECTING NO OCCUPANTS FOR 30 MINUTES. ALL SPACES WITH CEILING SENSORS SHALL HAVE A MANUAL SWITCH(ES) TO DIM THE LIGHTS UP/DOWN AND TO ALLOW OCCUPANTS TO TURN THE LIGHTS ON/OFF.
5. CONNECT LIGHT FIXTURE TYPE "X1" AND THOSE WITH AN "E" SUFFIX TO CIRCUIT A-1 UNLESS SHOWN OTHERWISE.

PLAN NOTES

PRIOR TO INSTALLATION VERIFY THE EXACT LOCATION AND CONNECTION REQUIREMENTS FOR ALL EQUIPMENT DESIGNATED BY PLAN NOTES.

1. WALL MOUNTED MOTION SENSOR WITH INTEGRAL 0-10V DIMMING (WATTSTOPPER #PW-311). PROGRAM SENSOR SO THAT IT IS MANUAL ON AND VACANCY OFF AFTER DETECTING NO OCCUPANTS FOR 30 MINUTES. IF MORE THAN ONE WATTSTOPPER DEVICE #PW-311 IS INSTALLED IN A ROOM, CONNECT THEM TOGETHER AS SHOWN IN THE "MULTI-WAY" WIRING SCHEMATIC IN THE INSTALLATION MANUAL SO THAT ALL WATTSTOPPER #PW-311 DEVICES WILL BE ABLE TO CONTROL ALL LIGHT FIXTURES LOCATED IN THE ROOM.
2. EXHAUST FAN.
3. TYPE 'S1' LIGHT FIXTURE MOUNTED INSIDE WOOD TRIM MOUNTED ON WALL. REFER TO ARCHITECTURAL ELEVATIONS AND DETAILS FOR EXACT LOCATION. INSTALL DRIVER FOR FIXTURES ABOVE ADJACENT CEILING CLOUD FEATURE. CONNECT FIXTURE TO CIRCUIT A-9. REFER TO LIGHTING FIXTURE MANUFACTURER'S RECOMMENDATION FOR SIZING CONDUCTORS BETWEEN DRIVER AND LED TAPELIGHT.
4. TYPE 'S1' LIGHT FIXTURE MOUNTED INSIDE TRIM MOUNTED ON PERIMETER OF SUSPENDED CEILING CLOUD FEATURE. REFER TO ARCHITECTURAL ELEVATIONS AND DETAILS FOR EXACT LOCATION. INSTALL DRIVER FOR FIXTURES ABOVE CEILING CLOUD FEATURE. CONNECT FIXTURE TO CIRCUIT A-11. REFER TO LIGHTING FIXTURE MANUFACTURER'S RECOMMENDATION FOR SIZING CONDUCTORS BETWEEN DRIVER AND LED TAPELIGHT.
5. MOUNT (1) RECEPTACLE, (1) TYPE 'C8' LIGHT FITXURE AND A SINGLE POLE SWITCH TO CONTROL LIGHT FIXTURE IN ATTIC. SERVE LIGHT FIXTURE AND RECEPTACLE WITH CIRCUIT A-13.

LIGHTING FIXTURE SCHEDULE

TYPE	DESCRIPTION	MOUNTING	VOLTAGE	OUTPUT	MANUFACTURER & "SERIES"	NOTES
A	DECORATIVE PENDANT, LOBBY, AIRCRAFT CABLE SUSPENDED	SUSPSENDED	120V	3500K ??? LUMEN	TO BE DETERMINED	VERIFY MOUNTING HEIGHT WITH OWNER'S REPRESENTATIVE
B	6" ROUND LED DOWNLIGHT WITH BAR HANGERS, SPECULAR CLEAR ALZAK REFLECTOR, 45 DEGREE BEAM ANGLE, SELF FLANGED, 0-10V DIMMING TO 1%	RECESSED	120/277V	3500K 3,000 LUMEN	PORTFOLIO 'LD6C'	
C	DECORATIVE PENDANT, CHAIRS, AIRCRAFT CABLE SUSPENDED	SUSPSENDED	120V	3500K ??? LUMEN	TO BE DETERMINED	VERIFY MOUNTING HEIGHT WITH OWNER'S REPRESENTATIVE
C8	8FT LED STRIP, ROUND FULL FROST LENS, WIDE DISTRIBUTION, 0-10V DIMMING	SURFACE	120/277V	5000K 11,800 LUMENS	METALUX 'SNX'	
F	DECORATIVE SCONCE	SUSPSENDED	120V	3500K ??? LUMEN	TO BE DETERMINED	VERIFY MOUNTING HEIGHT WITH OWNER'S REPRESENTATIVE
S1	LED LIGHT STRIP IN ALUMINUM CHANNEL WITH DIFFUSER, LENGTH AS SHOWN ON DRAWINGS	SURFACE	120V	3500K 300 LUMEN PER FOOT	WAC 'GEMINI'	
X1	EXIT LIGHT, LED, DIECAST ALUMINUM HOUSING, BLACK WITH BRUSHED ALUMINUM FACE, RED LETTERING, NICKEL-CADMIUM BATTERY, SINGLE FACE	SURFACE	120/277V	LED	SURE-LITES 'CX'	

GENERAL NOTES:
1. NO LIGHT FIXTURE SUBSTITUTIONS WILL BE ACCEPTED WITHOUT PRIOR APPROVAL.
2. TYPES SHOWN WITH AN "E" SUFFIX CONTAIN AN INTEGRAL BATTERY BACK FOR EMERGENCY LIGHTING.
3. TYPES SHOWN WITH AN "N" SUFFIX SHALL BE NIGHT LIGHTING ON AN UNSWITCHED CIRCUIT.

MOODY & PHILLIPS ELECTRIC CO, INC.
1205 S. BENNETT * TYLER, TX 75701
903-597-5001 * TEXAS REG. #F-553

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PROJECT EXTENT

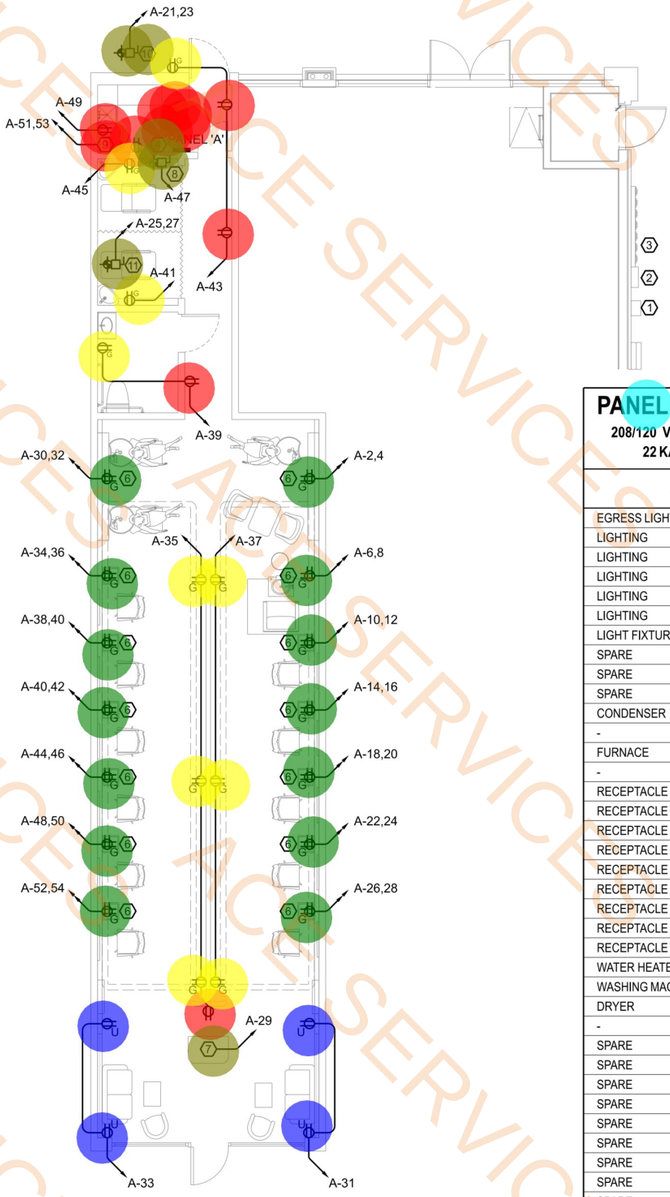
LUCKY HAIR SALON
8990 Coit Rd Frisco, Texas

REVISIONS

SHEET TITLE.
LIGHTING PLAN

SHEET NO.
E_2.1

ACE SERVICES



1 **POWER PLAN**
SCALE: 3/16" = 1'-0"

Panel A	1.0 EA
200 A Fuse Disconnect	1.0 EA
200 A Meter Base	1.0 EA
1 Pole, 20 Amp CKT BKR	66.0 EA
60 Amp CKT BKR	1.0 EA
30 Amp CKT BKR	1.0 EA
2 Pole CKT BKR	3.0 EA
15 Amp CKT BKR	1.0 EA
Quadplex Receptacle - Ground Fault Interrupter	14.0 EA
Duplex Receptacle	12.0 EA
Duplex Receptacle - Ground Fault Interrupter	10.0 EA
Duplex Receptacle - USB	4.0 EA
Non-Fused Disconnect	3.0 EA
Terminate Data Conduits	1.0 EA
Floor Box w/ Receptacles	1.0 EA
Condenser	1.0 EA

PANEL A

208/120 VOLT, 3 PHASE, 4 WIRE — 200 AMP MCB — NEMA 1 ENCLOSURE
22 KAIC SYMMETRICAL — SURFACE MOUNTED

LOAD SERVED	PHASE LOAD	CKT BKR #	CKT BKR AMP	CKT BKR P	PH	CKT BKR AMP	CKT BKR P	CKT BKR #	PHASE LOAD	LOAD SERVED
EGRESS LIGHTING	500	1	20	1	A	20	1	2	1,500	WORKSTATION
LIGHTING	80	3	20	1	B	20	1	4	1,500	WORKSTATION
LIGHTING	720	5	20	1	C	20	1	6	1,500	WORKSTATION
LIGHTING	480	7	20	1	A	20	1	8	1,500	WORKSTATION
LIGHTING	500	9	20	1	B	20	1	10	1,500	WORKSTATION
LIGHTING	500	11	20	1	C	20	1	12	1,500	WORKSTATION
LIGHT FIXTURE & RECEPTACLE	400	13	20	1	A	20	1	14	1,500	WORKSTATION
SPARE		15	20	1	B	20	1	16	1,500	WORKSTATION
SPARE		17	20	1	C	20	1	18	1,500	WORKSTATION
SPARE		19	20	1	A	20	1	20	1,500	WORKSTATION
CONDENSER	3,796	21	60	2	B	20	1	22	1,500	WORKSTATION
-	3,796	23		2	C	20	1	24	1,500	WORKSTATION
FURNACE	1,040	25	15	1	A	20	1	26	1,500	WORKSTATION
-	1,040	27		2	B	20	1	28	1,500	WORKSTATION
RECEPTACLE	400	29	20	1	C	20	1	30	1,500	WORKSTATION
RECEPTACLE	400	31	20	1	A	20	1	32	1,500	WORKSTATION
RECEPTACLE	400	33	20	1	B	20	1	34	1,500	WORKSTATION
RECEPTACLE	400	35	20	1	C	20	1	36	1,500	WORKSTATION
RECEPTACLE	600	37	20	1	A	20	1	38	1,500	WORKSTATION
RECEPTACLE	400	39	20	1	B	20	1	40	1,500	WORKSTATION
RECEPTACLE	500	41	20	1	C	20	1	42	1,500	WORKSTATION
RECEPTACLE	600	43	20	1	A	20	1	44	1,500	WORKSTATION
RECEPTACLE	500	45	20	1	B	20	1	46	1,500	WORKSTATION
WATER HEATERS	500	47	20	1	C	20	1	48	1,500	WORKSTATION
WASHING MACHINE	1,200	49	20	1	A	20	1	50	1,500	WORKSTATION
DRYER	2,080	51	30	2	B	20	1	52	1,500	WORKSTATION
-	2,080	53		2	C	20	1	54	1,500	WORKSTATION
SPARE		55	20	1	A	20	1	56		SPARE
SPARE		57	20	1	B	20	1	58		SPARE
SPARE		59	20	1	C	20	1	60		SPARE
SPARE		61	20	1	A	20	1	62		SPARE
SPARE		63	20	1	B	20	1	64		SPARE
SPARE		65	20	1	C	20	1	66		SPARE
SPARE		67	20	1	A	20	1	68		SPARE
SPARE		69	20	1	B	20	1	70		SPARE
SPARE		71	20	1	C	20	1	72		SPARE

PHASE A CONNECTED KVA	18.7
PHASE B CONNECTED KVA	22.3
PHASE C CONNECTED KVA	22.4
TOTAL CONNECTED KVA	63.4
ESTIMATED DEMAND KVA	67.1
ESTIMATED DEMAND AMPS	186.1

LOAD DESCRIPTION	CONNECTED KVA NON	CONNECTED KVA CONT	DEMAND KVA
LIGHTING		3.2	4.0
RECEPTACLES	4.2		4.2
MOTORS	10.9		13.7
TRANSFORMERS			
KITCHEN			
OTHER	4.7		4.7
WORKSTATION @ 100%	40.5		40.5

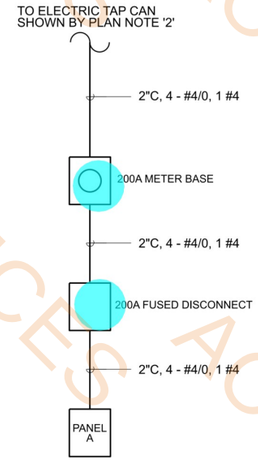
GENERAL NOTES

1. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF ALL FLOOR MOUNTED RECEPTACLES AND DATA OUTLETS.
2. REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATIONS OF ALL HVAC EQUIPMENT.

PLAN NOTES

PRIOR TO INSTALLATION VERIFY THE EXACT LOCATION AND CONNECTION REQUIREMENTS FOR ALL EQUIPMENT DESIGNATED BY PLAN NOTES.

1. EXISTING TELEPHONE UTILITY TERMINAL BOX. EXTEND 1"C FROM TERMINAL BOX TO LOCATION SHOWN BY PLAN NOTE '4'.
2. EXISTING ELECTRIC UTILITY TAP CAN.
3. EXISTING WIREWAY CONNECTED TO UTILITY TAP CAN. MOUNT METER BASE AND DISCONNECT TO SERVE PANEL 'A' ABOVE OR BELOW WIREWAY.
4. TERMINATE DATA CONDUITS AT THIS LOCATION.
5. PROVIDE (5) CIRCUITS FOR LOW VOLTAGE EQUIPMENT (FIRE ALARM, SECURITY, ETC.). THESE CIRCUITS SHALL BE SERVED FROM SPARE 20A/1P CIRCUIT BREAKERS IN PANEL 'A'. EXACT LOCATION OF EQUIPMENT WILL BE DETERMINED DURING CONSTRUCTION.
6. CONNECT EACH RECEPTACLE TO A DEDICATED CIRCUIT.
7. WIREMOLD #RFB4 FLOOR BOX WITH RECEPTACLES AND DATA OUTLET. PROVIDE 3/4" CONDUIT FOR DATA OUTLET.
8. WATER HEATERS MOUNTED ABOVE CEILING.
9. DRYER RECEPTACLE.
10. CONDENSER.
11. FURNACE.



2 **RISER DIAGRAM**
NOT TO SCALE

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PROJECT EXTENT

LUCKY HAIR SALON
8990 Coit Rd Frisco, Texas

REVISIONS

SHEET TITLE.
POWER PLAN

SHEET NO.
E_3.1

ACE SERVICES