

JHV DESIGN

NCH ROAD SUITE 155

DIMENSIONAL HAIR STUDIO NEW SALON CONSTRUCTION

9190 RED BRANC

3625 ONAL ENGINE

PROFESSIONAL CERTIFICATE
I HEREBY CERTIFY THAT THESE
DOCUMENTS WERE PREPARED OR
APPROVED BY ME, AND THAT I AM
A DULY LICENSED PROFESSIONAL
ENGINEER UNDER THE LAWS OF
THE STATE OF MARYLAND.
LICENSE NO.
EXPIRATION DATE:

REVISIONS

NO DATE DESCRIPTION

1 9/22/ PERMIT
2022 REVIEW
COMMENTS

SHEET TITLE
FLOOR PLANS
NEW WORK

DESIGNED CHECKED
GHV

DRAWN APPROVED
GHV

FILE NO. DATE: 09/18/2022

DRAWING NO.

A-1.

DIMENSIONAL HAIR STUDIO NEW SALON CONSTRUCTION

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REČEIVED

OCT 14 2022

LICENSES & PERMITS DIVISION

SUITE 155 AREA OF WORK M-1.1



- 1. THE INSTALLATION SHALL BE ACCORDING TO APPLICABLE STATE AND COUNTY CODES.
- 2. THE DUCTWORK SHALL BE GALVANIZED STEEL.
- THE DUCTWORK SUPPORT SHALL BE GALVANIZED STEEL RODS AND HANGERS; THE SPACE BETWEEN THE SUPPORTS SHALL BE ACCORDING TO SMACNA.
- 4. TEST AND BALANCE HVAC SYSTEM.

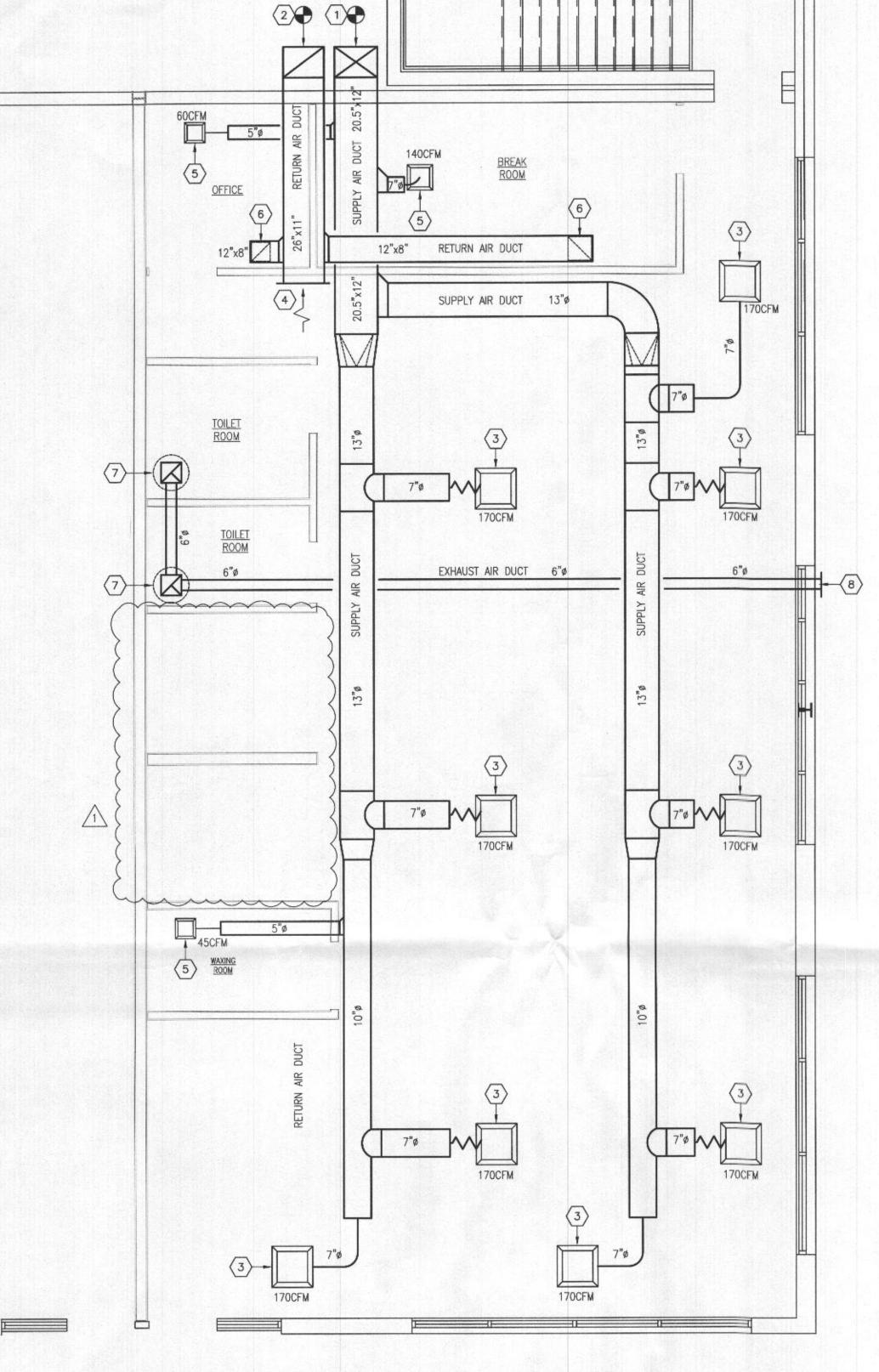
DRAWING NOTES:

- (1) CONNECT NEW 20.5"x12" SUPPLY AIR DUCT TO EXISTING AIR HANDLING UNIT ON ROOF.
- (2) CONNECT NEW 26"x11" RETURN AIR DUCT TO EXISTING AIR HANDLING UNIT ON ROOF.
- 3 24"X24" SUPPLY AIR LOUVERED FACE DIFFUSER IN CEILING.
- 4 RETURN AIR GRILLE.

KEYPLAN - FIRST FLOOR
SCALE: 1" = 50'-0"

- (5) 12"X12" SUPPLY AIR LOUVERED FACE DIFFUSER IN CEILING.
- 6 8"X8" RETURN AIR REGISTER IN CEILING.
- 7 PROVIDE AND INSTALL NEW EXHAUSTS FAN.
- 8 NEW EXHAUST AIR DUCT TO OUTSIDE.

	L	EGEND
SYMBOL	ABBREV.	DESCRIPTION
	RX.	EXISTING DUCTWORK, PIPING, OR EQUIPMENT TO BE REMOVED.
	EX.	EXISTING PIPING OR EQUIPMENT TO REMAIN.
		NEW DUCTWORK, PIPING, OR EQUIPMENT
•		CONNECT NEW TO EXISTING AT THIS POINT
0		REMOVE EXISTING TO THIS POINT
(1)		DRAWING NOTE
	AFF	ABOVE FINISHED FLOOR
	DWG.	DRAWING
	DN	DOWN
	EA.	EACH
	EX	EXISTING
	RA SA	RETURN AIR SUPPLY AIR



FLOOR PLAN - HVAC - NEW WORK

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

DIMENSIONAL HAIR STUDIO NEW SALON CONSTRUCTION

5

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SHEET TITLE FLOOR PLANS PLUMBING NEW WORK

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P - 1.1

GENERAL NOTES . REMOVAL OF ALL EXISTING PIPING AND FIXTURES INDICATED ON THE DEMOLITION WORK PLAN SHALL BE COORDINATED WITH THE INSTALLATION OF ALL NEW PIPE CONNECTIONS, NEW FIXTURE LOCATIONS, NEW WALLS, AND NEW FLOOR TILES. 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFING THE LOCATIONS OF PIPING AND DRAWING NOTES AND NEW KEY STOP. PROVIDE NEW HW & CW 1/4 TURN, SCREWED, ANGLE SHUT-OFF VALVES AT WALL.

CONNECT NEW SANITARY, NEW CW, AND NEW HW. INSTALL NEW SALON WASHING STATION, NEW STRAINER & NEW HAIR TRAP. PROVIDE NEW HW & CW 1/4 TURN, SCREWED, ANGLE SHUT-OFF VALVES AT WALL.

CONNECT NEW SANITARY, NEW CW, AND NEW HW. INSTALL NEW SINK, NEW STRAINER, AND NEW P-TRAP. PROVIDE NEW HW & CW 1/4 TURN, SCREWED, ANGLE SHUT-OFF VALVES AT WALL. (4) CONNECT NEW SANITARY, NEW CW, AND NEW HW. INSTALL NEW LAVATORY, NEW STRAINER, NEW P-TRAP

(5) CONNECT NEW SANITARY AND NEW CW. INSTALL NEW WATER CLOSET WITH NEW FLUSH VALVE.

6 CONNECT NEW 3/4"CW TO EXISTING 1"CW.

(7) CONNECT NEW 4"SAN TO EXISTING 4"SAN BELOW CONCRETE SLAB.

(8) INSTALL NEW 82 GALLON WATER HEATER, CONNECT NEW CW, HW & EXPANSION TANK.

9 CONNECT NEW SANITARY, CW AND HW TO NEW WASHING MACHINE CONNECTIONS.

(10) CONNECT NEW 2"VENT TO EXISTING 3"VENT.

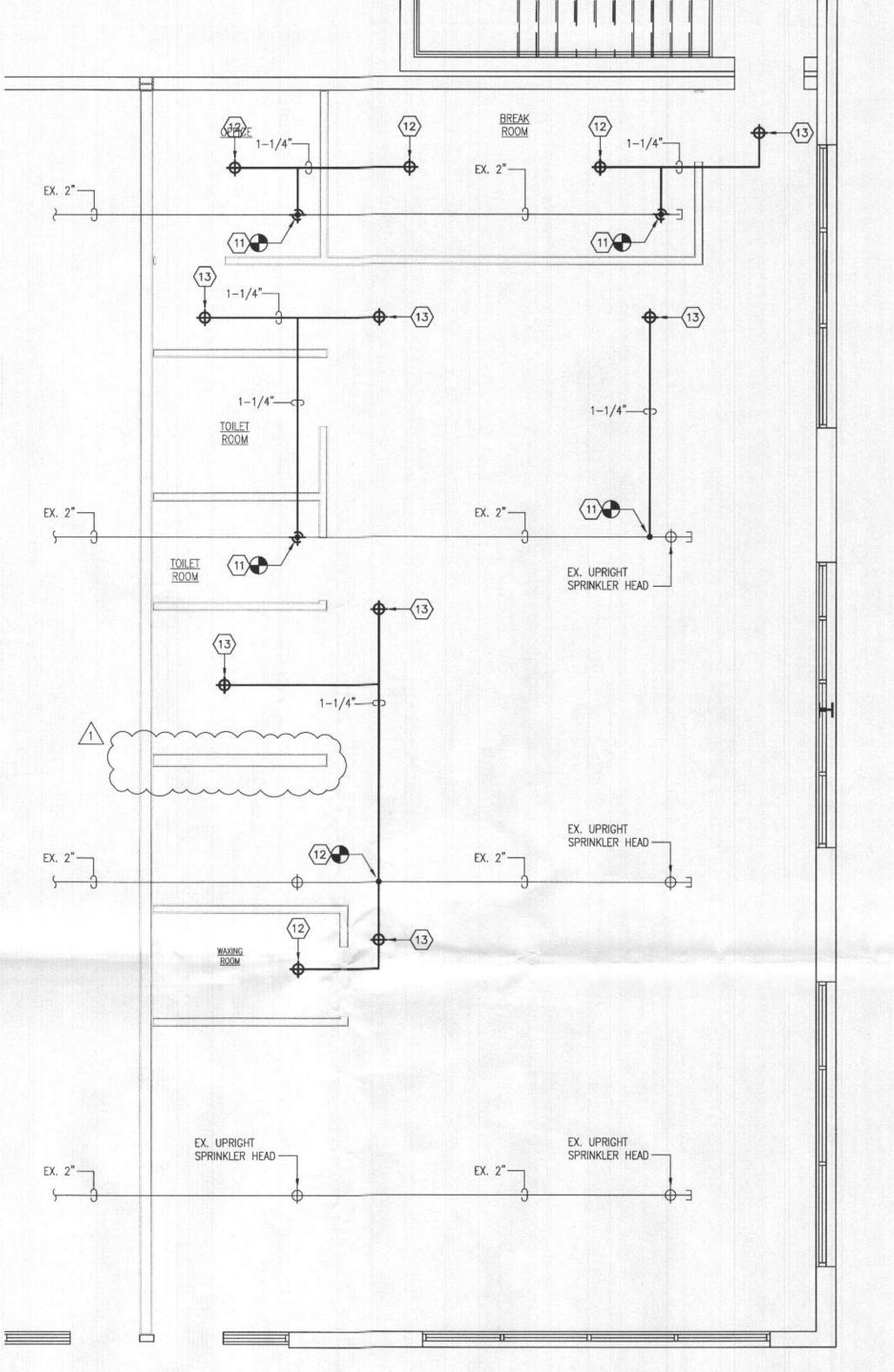
REMOVE EXISTING SPRINKLER HEAD AND CONNECT NEW SPRINKLER PIPING TO EXISTING.

PROVIDE AND INSTALL NEW LIGHT HAZARD PENDANT SPRINKLER HEAD AND PIPING TO NEW ROOM BELOW. COORDINATE THE LOCATION OF THE NEW SPRINKLER HEAD WITH THE LOCATION OF THE LIGHTS. REFER TO SPRINKLER HEAD DETAIL THIS SHEET.

PROVIDE AND INSTALL NEW LIGHT HAZARD UPRIGHT SPRINKLER HEAD AND PIPING TO NEW ROOM BELOW. COORDINATE THE LOCATION OF THE NEW SPRINKLER HEAD WITH THE LOCATION OF THE LIGHTS. REFER TO SPRINKLER HEAD DETAIL THIS SHEET.

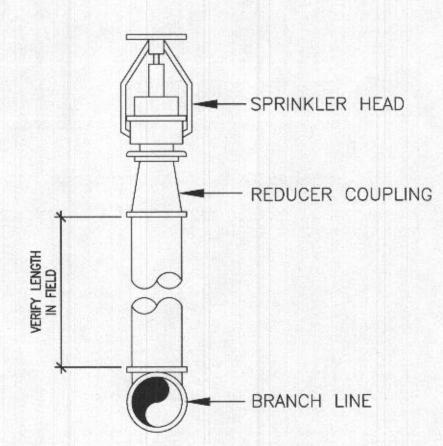
LEGEND DESCRIPTION SYMBOL ABBREV ____ REMOVED. EXISTING PIPING OR EQUIPMENT TO REMAIN. NEW DUCTWORK, PIPING, OR EQUIPMENT CONNECT NEW TO EXISTING AT THIS POINT REMOVE EXISTING TO THIS POINT DRAWING NOTE AFF ABOVE FINISHED FLOOR C.O. CLEANOUT DRAWING DWG. DN DOWN EA. EACH EXISTING EX FLOOR DRAIN FD FLR FLOOR RX. REMOVE EXISTING TYP. TYPICAL VTR VENT THRU ROOF CW COLD WATER ____ HOT WATER HW

EXISTING DUCTWORK, PIPING, OR EQUIPMENT TO BE



FLOOR PLAN - SPRINKLERS - NEW WORK SCALE: 1/4" = 1'-0"

NEW	PLUMBI	NG	FIX	TUR	E SCHED	ULE
DESIG.	FIXTURE	PIPE C	CONNEC	CTIONS	MOUNTING	REMARKS
		C.W.	H.W.	SAN.	ARRANGEMENT	REWARKS
P-1	WATER CLOSET	1/2"	-1	4"	FLOOR MOUNTED	HANDICAP
P-2	WATER CLOSET	1/2"	-	4"	FLOOR MOUNTED	
P-3	LAVATORY	1/2"	1/2"	1-1/2"	WALL MOUNTED	HANDICAP
P-4	LAVATORY	1/2"	1/2"	1-1/2"	WALL MOUNTED	
P-5	SINK	1/2"	1/2"	1-1/2"	COUNTER MOUNT	STAINLESS STEEL
P-6	WASHING MACHINE	1/2"	1/2"	1-1/2"		
P-7	REFRIGERATOR	1/2"				
P-8	HAIR WASH	1/2"	1/2"	1-1/2"		



NEW CEILING -

SPRINKLER HEAD DETAILS

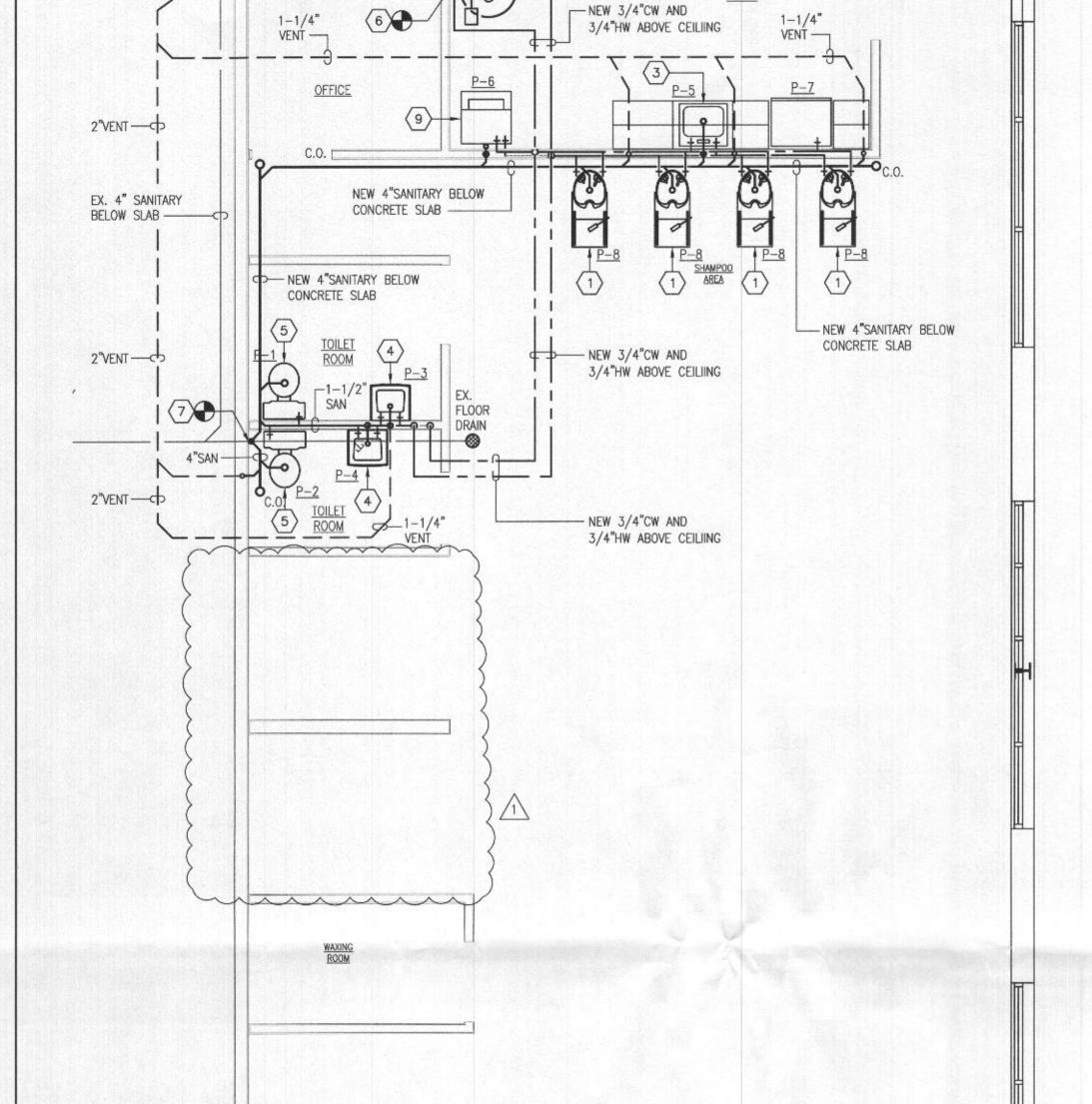
DEFLECTOR OCT 14 2022 LICENSES & PERMITS
DIVISION

- REDUCER

COUPLING

- CEILING PLATE

SPRINKLER HEAD



EX. 1"CW

ABOVE CEILING -

8

EX. 3" VENT

UP THRU ROOF-

FLOOR PLAN - PLUMBING - NEW WORK

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

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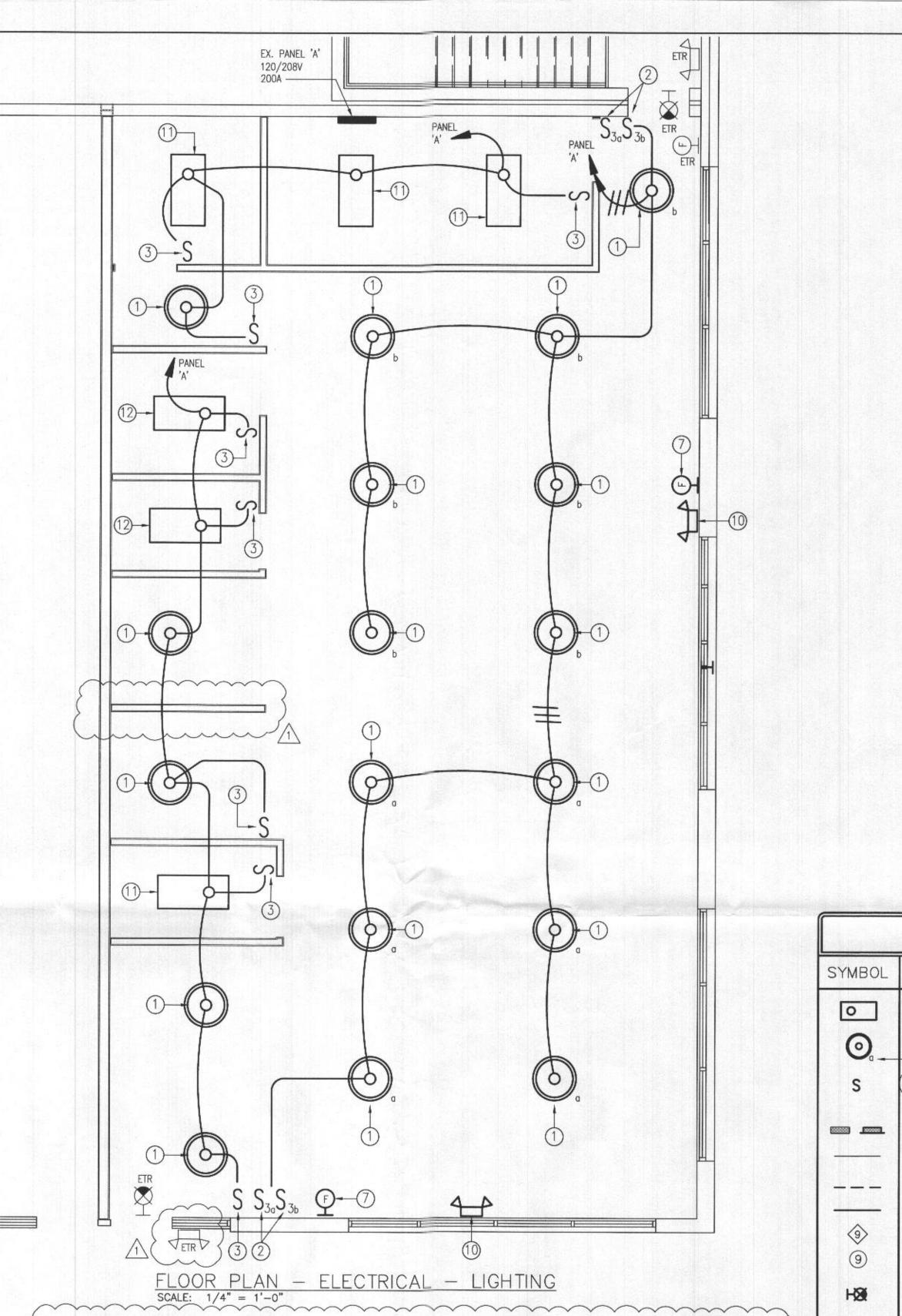
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LICENSES &



VOLT		208/120,1P,3W						- 4				UNTING		1011	OM		
MAIN BUS: 200A		200A MCB					100% RATED NEUTRAL BU			BUS	US 0 A.I.C.						
CONN KVA			BREAKER CIRCUIT WIRING						BREAKER CIRC			CIRCL	UIT WIRING		CON		
	CKT DESCRIPTION	DESCRIPTION	P	AMPS	NO	SIZE	GND	С	CKT	DESCRIPTION	P	AMPS	NO	SIZE	GND	С	KVA
0.7	1	LIGHTING - CUTTING	1	20	2	12	12	3/4"	2	WATER HEATER	2	50	2	12	12	3/4"	4.2
0.7	3	LIGHTING - COLOR	1	20	2	12	12	3/4"	4		-	-	2	12	12	3/4"	
0,6	5	LIGHTING MANI/BATH	1	20	2	12	12	3/4"	6	DRYER	2	50	2	12	12	3/4"	6.6
0.3	7	LIGHTING - BRK RM	1	20	2	12	12	3/4"	8		-	-	2	12	12	3/4"	
0.8	9	REC - BRK RM	1	20	2	12	12	3/4"	10	MICROWAVE	1	20	2	12	12	3/4°	0.9
0.6	11	REC - OFFICE	1	20	2	12	12	3/4"	12	REC - HAIR DRYER	1	20	2	12	12	3/4"	0.9
0.6	13	REC - BATH	1	20	2	12	12	3/4"	14	REC - HAIR DRYER	1	20	2	12	12	3/4"	0.9
8.0	15	REC - WAX	1	20	2	12	12	3/4"	16	REC - HAIR DRYER	1	20	2	12	12	3/4"	0.9
0.6	17	REC - WAITING	1	20	2	12	12	3/4"	18	REC - HAIR DRYER	1	20	2	12	2	3/4"	0.9
0.4	19	REC - RECEPTION	1	20	2	12	12	3/4"	20	REC - PEDICURE	1	20	2	12	2	3/4"	0.6
0.3	21	REC - CUT	1	20	2	12	12	3/4"	22	REC - PEDICURE	1	20	2	12	2	3/4"	0.6
0.3	23	REC - CUT	1	20	2	12	12	3/4"	24	EXH FAN	1	20	2	12	2	3/4"	0.2
0.3	25	REC - CUT	1	20	2	12	12	3/4"	26	SPARE	1	20					
0.4	27	EXH - CLOSE SOURCE	1	20	2	12	12	3/4"	28	SPARE	1	20					Park
	29	SPARE	1	20					30	SPACE	1						
	31	SPACE	1					SHE SHIP	32	SPACE	1	He A					
	33	SPACE	1				NE I		34	SPACE	1						
	35	SPACE	1					2.	36	SPACE	1			100			
	37	SPACE	1	Land-			age in	31.1	38	SPACE	1		112		4415		
	39	SPACE	1						40	SPACE	1	118/20					
	41	SPACE	1						42	SPACE	1	TOM:					

TOTAL CONNECTED LOAD

FLOOR PLAN - ELECTRICAL - POWER

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

EX. PANEL 'A'

AND PEDICURE

120/208V

200A ---

PROVIDE AND INSTALL NEW RECESSED MOTION SENSING LIGHT SWITCHES WITH AUTO SHUT-OFF AND EXTEND #12 WIRING IN NEW RACEWAY AND NEW 3/4" FLEXIBLE METAL CONDUIT TO NEW LIGHTING FIXTURES.

PROVIDE AND INSTALL RECESSED DUPLEX RECEPTACLE MOUNTED 18" ABOVE FINISHED FLOOR AND EXTEND #12 WIRING AND RACEWAY TO NEW 1P 20A CIRCUIT BREAKER IN 'PANEL A'.

PROVIDE AND INSTALL DEDICATED RECESSED DUPLEX RECEPTACLE MOUNTED 18" ABOVE FINISHED FLOOR AND EXTEND #12 WIRING AND RACEWAY TO NEW 1P 15A CIRCUIT BREAKER IN 'PANEL A'.

PROVIDE AND INSTALL NEW POWER POLE TO EXTEND ABOVE CEILING.

PROVIDE AND INSTALL NEW WALL MOUNTED FIRE ALARM HORN/STROBE AT LOCATION SHOWN AND CONNECT TO EXISTING FIRE ALARM SYSTEM. NEW FIRE ALARM CABLE SIZE AND TYPE TO MATCH EXISTING IN FIELD. NEW HORN/STROBE TO BE EDWARDS SYSTEMS TECHNOLOGY "757 SERIES TEMPORAL HORN" NOTIFICATION DEVICE. UPON COMPLETION, TEST AND RE-CERTIFY FIRE ALARM SYSTEM.

WATER HEATER CONNECTION: EXTEND #12 WIRING AND RACEWAY TO NEW 1P 20A CIRCUIT BREAKER IN 'PANEL A'

NEW EXHAUST FAN PROVIDED BY MECHANICAL. EXTEND #12 WIRING AND RACEWAY TO NEW 20A

CIRCUIT BREAKER IN EXISTING PANEL 'A'. SIZE OVERLOAD PER MANUFACTURER'S NAMEPLATE DATA AND

ELECTRICAL GENERAL NOTES

EXTEND #12 WIRING AND RACEWAY TO PANEL 'A'.

NEW LIGHTING FIXTURES.

 INFORMATION SHOWN ON THIS DRAWING PERTAINING TO EXISTING CONDITIONS HAS BEEN OBTAINED FROM AVAILABLE BUILDING DRAWINGS OR GENERAL FIELD OBSERVATIONS AND MAY NOT INDICATE ACTUAL EXISTING CONDITIONS IN DETAIL OR DIMENSION. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE

PROVIDE AND INSTALL NEW PENDANT MOUNTED LED LIGHTING FIXTURE IN LOCATIONS SHOWN AND

PROVIDE AND INSTALL NEW RECESSED THREE-WAY MOTION SENSING LIGHT SWITCH(ES) WITH AUTO SHUT-OFF AND EXTEND #12 WIRING IN NEW RACEWAY AND NEW 3/4" FLEXIBLE METAL CONDUIT TO

ACTUAL EXISTING CONDITIONS PRIOR TO FABRICATION OR PERFORMANCE OF ANY WORK.

2. CONTRACTOR SHALL FIELD VERIFY SOURCE PANELS PRIOR TO COMMENCEMENT OF WORK.

ELECTRICAL CONSTRUCTION NOTES

PROVIDE AND INSTALL NEW WALL MOUNTED EMERGENCY LIGHTING UNIT WITH (2) FULLY ADJUSTABLE 7.2W SEALED BEAM LAMPS, 120/277VAC INPUT, AND SELF- DIAGNOSTIC ELECTRONICS. NEW LIGHTING UNIT TO BE DUAL-LITE 'EZ-2' SERIES, OR APPROVED EQUAL.

PROVIDE AND INSTALL NEW RECESSED LED LIGHTING FIXTURE IN LOCATIONS SHOWN AND EXTEND #12 WIRING AND RACEWAY TO PANEL 'A'.

PROVIDE AND INSTALL NEW SURFACED MOUNTED LED LIGHTING FIXTURE IN LOCATIONS SHOWN AND

LEGEND

DESCRIPTION

2X4 SURFACE MOUNTED LED LIGHT FIXTURE.

EXTEND #12 WIRING AND RACEWAY TO PANEL 'A'.

PENDANT MOUNTED DOWNLIGHT FIXTURE

- INDICATES CONTROLLING SWITCHES

MOTION SENSING LIGHT SWITCH W/ AUTO SHUT OFF — SUBSCRIPT INDICATES FIXTURES
CONTROLLED BY THE SWITCH(TYPICAL FOR ALL LIGHTING SWITCHES) 48" A.F.F.

SURFACE OR RECESSED MOUNTED ELECTRIC PANELBOARD (208Y/120V).

SOLID LIGHT LINE WEIGHT DESIGNATES EXISTING WORK TO REMAIN ON DEMOLITION AND NEW WORK

DASHED HEAVY LINE WEIGHT DESIGNATES REMOVAL WORK ON DEMOLITION PLANS.

SOLID HEAVY LINE WEIGHT DESIGNATES NEW WORK ON NEW WORK PLANS.

CONNECT TO UNSWITCHED HOT LEG OF BRANCH CIRCUIT.

9 DRAWING NOTE - DEMOLITION.

9 DRAWING NOTE - NEW WORK.

WALL MOUNTD EXIT SIGN. MOUNT 7'-6" A.F.F., OR 6" ABOVE DOOR UNLESS NOTED OTHERWISE. SHADED AREA INDICATES STENCIL FACE.

DUPLEX GROUNDING TYPE CONVENIENCE RECEPTACLE (NEMA 5-20R) RECESSED WALL MOUNTED

DUPLEX GROUNDING TYPE GROUND FAULT INTERRUPTER (GFI) TYPE, CONVENIENCE RECEPTACLE (NEMA 5-20R) RECESSED WALL MOUNTED 8" ABOVE COUNTER. WHERE THERE IS NO COUNTER, MOUNT 48" A.F.F.

EMERGENCY BATTERY LIGHTING UNIT, WALL MOUNTED 7'-6" A.F.F., UNLESS NOTED OTHERWISE.

HOMERUN TO PANELBOARD WITH PANELBOARD IDENTIFICATION. NUMBER OF ARROWS INDICATES QUANTITY OF CIRCUITS. NUMBER OF HASH MARKS INDICATES QUANTITY OF #12 CONDUCTORS (UNLESS NOTED OTHERWISE), NOT INCLUDING GROUND WIRE. WHERE NO HASH MARKS APPEAR TWO CONDUCTORS PLUS GROUND CONDUCTOR IN 3/4" CONDUIT (UNLESS NOTED OTHERWISE) ARE

		ABB	REVIATIONS		
Α	AMPS, AMPERES	GRD	GROUND	٧	VOLTS
A.F.F.	ABOVE FINISHED FLOOR	К	KELVIN		
CRI	COLOR RENDERING INDEX	NEC	NATIONAL ELECTRICAL CODE		
EX	EXISTING	Р	POLE		RECEIV
ETR	EXISTING TO REMAIN	PNL	PANEL		4 h 200