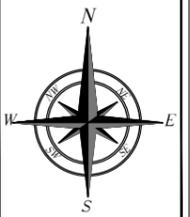


FLOOR PLAN
SCALE 3/16" = 1'-0"



ADDRESS

PREPARED BY-

FLOOR PLAN

SHEET TITLE-

Date:	10/02/2025
Project No:	xxx
Drawn By:	RB
Client Name:	
Checked By:	
Approved By:	RB

Scale:	AS SHOWN
Sheet No:	01 of 01
Paper Size:	ARCHD (12"x24")

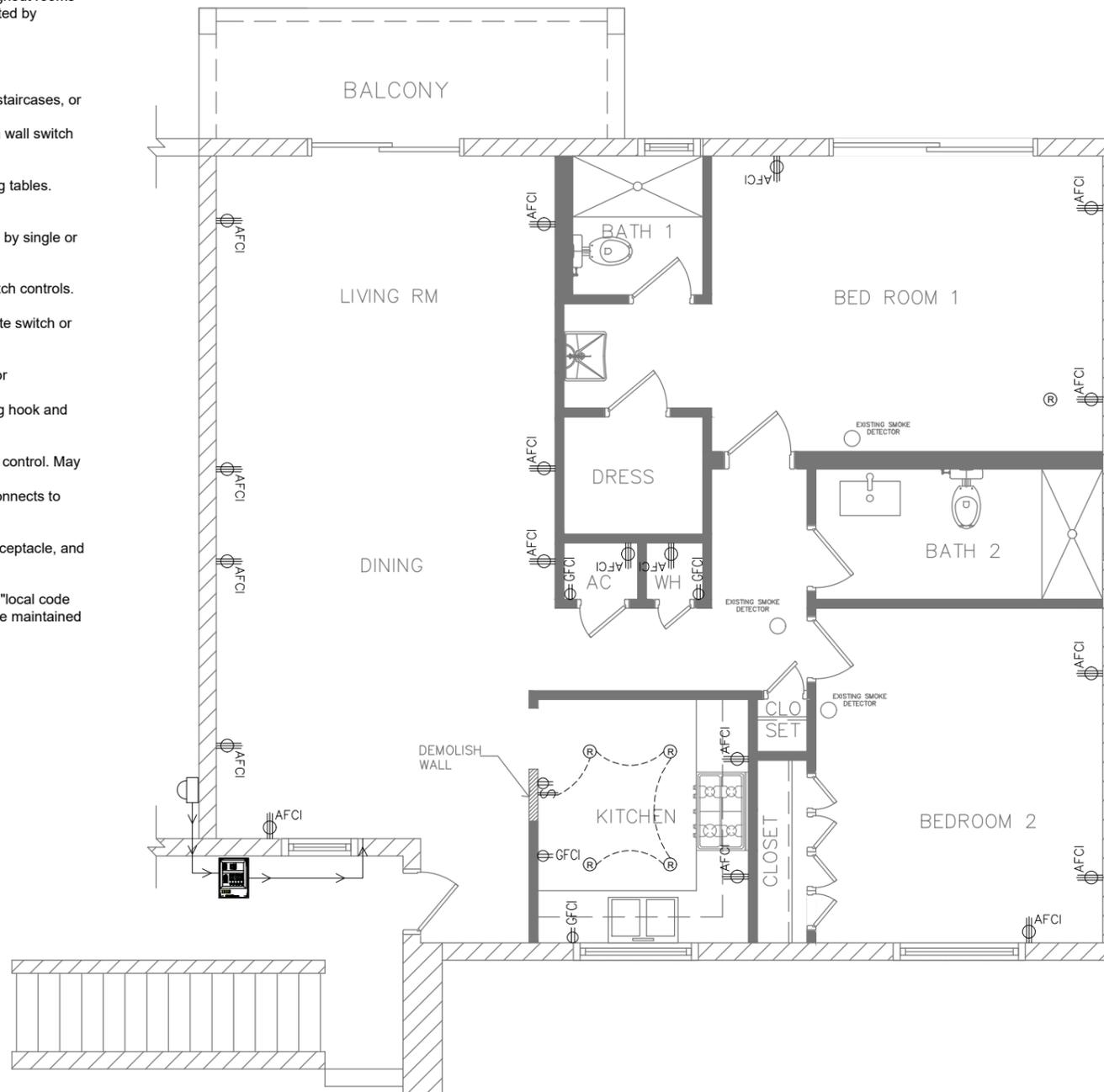
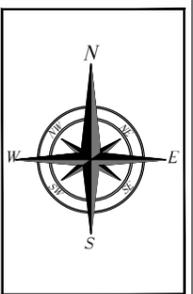


CIRCUIT DESCRIPTION:

The electrical system operates on **110 volts, single-phase, 60 Hz** supply, distributed through an **electrical meter** to the **main control panel** (breaker panel). From the panel, circuits are branched using appropriate breakers and wiring sizes per **NEC 2023** standards.

1. GFCI (Ground Fault Circuit Interrupter)
Installed in wet or damp locations such as bathrooms, kitchens, and outdoor outlets. Protects against ground faults by disconnecting the circuit when a current imbalance is detected.
 2. AFCI (Arc Fault Circuit Interrupter)
Installed in bedroom, living room, and other habitable area outlets. Provides protection against arc faults that may cause electrical fires.
 3. 110 Volt Outlets (Receptacles) Standard duplex receptacles are provided throughout rooms as per code spacing. Each is connected to an appropriate 15A or 20A circuit protected by AFCI/GFCI breakers as required.
 4. Single Common Switch
Controls one lighting fixture or group of fixtures from a single location.
 5. 3-Way Common Switch
Used to control lighting fixtures from two different locations, typically in hallways, staircases, or large rooms.
 6. Vanity Light Fixture Mounted above or beside bathroom mirrors. Controlled by a wall switch near the entrance or beside the vanity.
 7. Pendant Light
Ceiling-hung decorative light fixture, usually installed over kitchen islands or dining tables. Controlled by a single-pole wall switch.
 8. Can Light / Recessed Light Fixture
Ceiling-mounted recessed fixtures providing general or accent lighting. Controlled by single or 3-way switches depending on layout.
 9. Wall Mount Light Fixture
Installed on walls for ambient or decorative lighting. Connected to designated switch controls.
 10. Exhaust Fan
Installed in bathrooms or kitchens for ventilation. Typically controlled by a separate switch or combined with the light switch as needed.
 11. Smoke Detector
Hard-wired with battery backup and interconnected with other smoke detectors for simultaneous alarm operation.
 12. Chandelier with Hook Decorative ceiling-mounted fixture supported with ceiling hook and junction box. Controlled by a wall-mounted dimmer or standard switch.
 13. Ceiling Fan
Mounted in living or bedroom areas, controlled by a wall switch and/or fan-speed control. May include integrated light operated separately.
 14. Electrical Meter Measures total electrical consumption for the premises and connects to the utility service entrance.
 15. Control Panel (Breaker Panel)
Houses main breaker and branch circuit breakers for distribution to all lighting, receptacle, and equipment loads.
- All wiring, grounding, and protection devices shall conform to "NEC 2023" and "local code requirements. Proper labeling, junction box accessibility, and load balancing are maintained throughout the system.

ELECTRICAL KEY	
	DUPLEX OUTLET
	GROUND FAULT CIRCUIT INTERRUPT
	ARC-FAULT CIRCUIT INTERRUPTER
	110 VOLT OUTLET
	SINGLE COMMON SWITCH
	3-WAY COMMON SWITCH
	VANITY LIGHT
	PENDANT LIGHT
	CAN LIGHT
	RECESSED LIGHT FIXTURE
	WALL MOUNT LIGHT FIXTURE
	EXHAUST FAN
	SMOKE DETECTOR
	CHANDELIER WITH HOOK
	ELECTRIC METER
	CONTROLLER PANEL
	CEILING FAN



ELECTRICAL PLAN
SCALE 3/16"=1'-0"

ADDRESS

HUMBLE CENTER
20811 HW 59
N, HUMBLE,
TX, 77338

PREPARED BY-

SHEET TITLE-

Ceiling Plan

Date:	10/10/2025
Project No:	xxx
Drawn By:	RB
Client Name:	
Checked By:	
Approved By:	RB

Scale:	AS SHOWN
Sheet No:	01 of 01
Paper Size:	ARCHD (12"X24")

