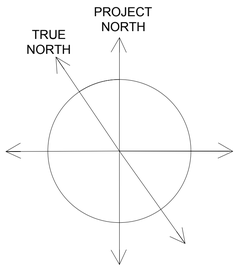
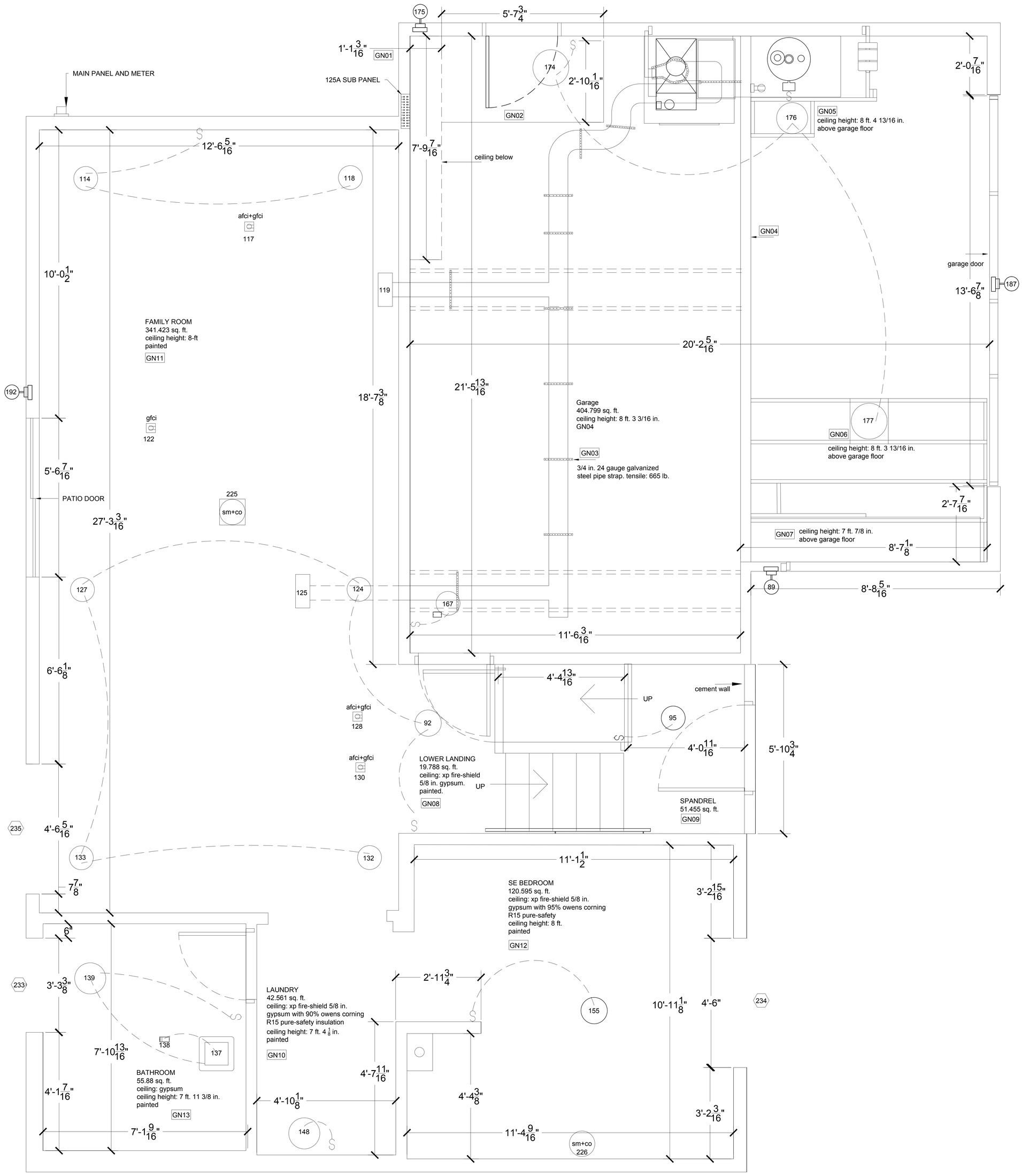


GENERAL NOTES	
ID	DESCRIPTION
GN01	New XP Fire-Shield 5/8" Gypsum Bulkhead/Soffit Electrical Barrier: East face height: 7-in. Bottom width: 12-in. Bottom is 7-ft 8-in. above floor.
GN02	New XP Fire-Shield 5/8" Gypsum ceiling and 2x4 framework supporting LED 174. Ceiling height 8 ft. 3 13/16-in. above cement/foundation floor.
GN03	8-in. and 6-in ductwork sealed using multiple layers of Nashua 324A tape and DP-1030 gray mastic. 8-in. ductwork attached or near furnace has high-temp kiln insulation around tape and mastic with additional tape and mastic around the insulation to ensure the insulation remains in place. Most of the duct crossing the garage is wrapped with Reflectix R-21 (15-year) insulation as kiln insulation was not available at the time. The bottom of the 8-inch ductwork is 7 ft. 8 in. above floor. The bottom of 6-inch ductwork is 7 ft. 4 in. above floor. The ductwork is suspended and/or supported by 3/4 in. 28 gauge galvanized steel pipe strapping which is attached to the ceiling joists or 2x4 posts at the locations shown in the drawing.
GN04	Most of the garage ceiling West of the huge (6.5 in. x 16.5 in. x 18 ft.) beam bisecting the garage has original gypsum. The bottom of the huge beam is 7 ft. 11/16 in. above cement floor. 1/4 in. ceramic tile + 1/16 in. thinset remains on garage floor where Benjamin's office (now removed) existed. Most of the garage ceiling east of the huge beam bisecting the garage was unfinished and remains unfinished. Ernest added the minimum amount of 2x4 framing (ceiling joists) and XP Fire-Shield gypsum to mount the two ceiling lights (ID 176 and ID 177) as described in GN05 and GN06.
GN05	Ernest added the minimum amount of 2x4 framing and XP Fire-Shield 5/8 in. gypsum to facilitate the immediate mounting of 13-inch (wet rated) LED (ID 177) in front of the water heater 8 ft. 4 13/16 in. above the floor. We are planning to continue the ceiling joist installation (as described in GN05) to complete the garage ceiling after we obtain permits.

GENERAL NOTES	
ID	DESCRIPTION
GN06	All of the 2x4 ceiling joists on the SE side of the huge beam were added by Ernest to facilitate the immediate mounting of ceiling LED ID 176 and the future mounting of XP Fire-Shield gypsum to complete the garage ceiling. Ernest did review Table R802.5.1 Ceiling Joist Spans - Common Lumber (live load = 10 psf and 20 psf) prior to using 2x4 (instead of 2x6) to span the 8 ft. 3 in. distance between the huge beam and the East garage wall above the garage door. XP Fire-Shield 5/8 in. gypsum only weighs 2.2 lb. / sq. ft. The live load = 10 psf allows 11 ft. 7 in. at 16 in on center 2x4 spacing and the live load = 20 psf allows 8 ft. 4 in. Only the 15 inch ceiling LED (and a 15-inch square XP Fire-Shield behind/above the light) is attached to the ceiling joists shown in the SE corner of the garage.
GN07	South-East of the huge beam bisecting the garage, there exists a 3 ft. 7 5/8 in. tall cement wall below the sill (bottom) plate to which the South wall framing attaches. This 3 ft. 7 5/8 in. cement wall continues around to the south within the spandrel which supports the front entrance and front door. The 2x6 sill plate, attached to the top of the cement, supports the framing for the South wall East of the huge beam and Ernest has added XP Fire-Shield to that wall framing (leaving the cement below without Fire-Shield gypsum). There are a two layers of original "shelving" extending 18 in. away from the South wall (18 in. x 8 ft. 2 in.) starting about 7 ft 7/8 in. above the floor. We decided to not use these "platform/shelves" and so we covered the open North face and unfinished bottom with XP Fire-Shield 5/8 in. gypsum.
GN08	Lower landing ceiling height near lower landing ceiling light = 7 ft. 2 1/16 inches above finished floor. Lower landing ceiling height at base of stairs = 7 ft. 10 15/16 inches above finished floor.
GN09	Spandrel entrance + 4 ft has XP Fire-Shield 5/8 in. gypsum on north and south walls and ceiling. All other walls and joist ceilings exposed (no gyspum) as originally since we purchased house. Ernest installed a ceiling light and switch and will install XP Fire-Shield gypsum on all walls and ceilings on both sides of spandrel (north and south staircase ceilings/walls within spandrel). The cement foundation is about 8 ft. from spandrel entrance and the cement wall continues North into the garage several feet and then East towards the driveway / garage door. The AutoCAD drawing includes a layer showing this cement and the closely matching sill plate in the context of both garage dimensions and the outside front porch and front door. It all fits / matches reality.

GENERAL NOTES	
ID	DESCRIPTION
GN10	100% of the laundry room East, South, and West walls and 60% of the ceiling has Owen Corning Pure Safety R15 insulation installed. All the walls and ceiling have Gold Bond XP Fire-Shield 5/8 inch gypsum installed.
GN11	At least 75% of the family room ceiling has Owen Corning Pure Safety R15 insulation. 100% of the East wall and at least 50% of the West wall and at least 25% of the North wall also has the insulation installed. 100% of the ceiling, 90% of the West wall, 50% of the North wall, and 100% of the East wall has new Gold Bond XP Fire-Shield 5/8 in. Gypsum. Everywhere the Gypsum was replaced insulation was squeezed in.
GN12	100% of the SE bedroom ceiling has Owen Corning Pure Safety R15 insulation. 100% of the East, West, and South walls also has the Owen Corning Pure Safety R15 insulation installed. It is possible that the North wall also has the insulation. 100 % of the ceiling and walls in the SE bedroom have Gold Bond XP Fire-Shield 5/8 inch gypsum. Everywhere the gypsum was replaced, insulation was squeezed in.
GN13	25% of the ceiling and walls in the downstairs bathroom have new Gold Bond Fire-Shield XP Fire-Shield gypsum and Owens Corning Pure Safety R15 insulation in the same areas as the gypsum was replaced.
GN14	The family room as (3) AFCI+GFCI duplex on the ceiling, to provide required AFCI+GFCI protection to the entire circuit. Device ID 117 connects to circuit breaker 9, device ID 128 connects to circuit breaker 6, and device ID 130 connects to circuit breaker 7. Device ID 117 provides AFCI+GFCI protection to some of the family room and some of the 2nd floor West bedroom. Device ID 128 provides AFCI+GFCI protection to ALL electrical devices in the 2nd floor SE bedroom, 2nd floor bathroom, and the attic. Device ID 130 provides AFCI+GFCI protection to 1st floor SE bedroom light and switch, laundry light, laundry switch the two GFCI duplex in the laundry, and the lights, gfci duplex, and exhaust fan in the 1st floor bathroom. Device ID 122 provides GFCI protection to switches for insinkerator and lights, the lights and ALL GFCI duplex, including those under the sink, the SEH, two GFCI on either side of the SEH, and the GFCI duplex behind the refrigerator. The two AFCI+GFCI duplex on the North wall of the kitchen are not connected to this circuit breaker, they are connected to circuit breaker 8.
GN15	The two smoke+co detectors (ID 225, ID 226) are interlinked to four other smoke+co detectors on the 2nd floor, but not the 5th smoke+co detector at the top of the stairs/upper landing.



DRAWING TITLE: Current 1st floor reflective ceiling plan	PROJECT TITLE: 4431 Amador Rd. Fremont, CA 94538	DATE: 12/28/2024 Model Space Scale: 1:1 Paper Space Scale: 3/4" = 1'-0" Drawn By: ES Revision: 5	COMPANY: Home Owners Yang Fu angela.fuyang@gmail.com +1 (510) 358-6728 Ernest Schleicher ernest.schleicher@gmail.com +1 (510) 358-6729	NOTES:		SHEET NO. A-102