OWNER & BUILDER NOTES

THESE PLANS SHALL NOT BE USED FOR CONSTRUCTION UNTIL APPROVED BY THE LOCAL BUILDING DEPARTMENT. THE BUILDER IS EXPECTED TO FOLLOW THESE PLANS, APPLICABLE BUILDING CODES AND LOCAL ORDINANCES. HE SHALL VERIFY THAT SITE CONDITIONS ARE CONSISTENT WITH THESE PLANS BEFORE STARTING WORK. WHILE THESE PLANS ARE DRAWN TO SHOW THE PROPOSED WORK AS ACCURATELY AS POSSIBLE, SCHEMATIC DETAILS MAY BE USED IN SOME CASES FOR CLARITY. WORK NOT SPECIFICALLY DETAILED SHALL BE CONSTRUCTED TO THE SAME QUALITY AS SIMILAR WORK THAT IS DETAILED.

WRITTEN DIMENSIONS AND SPECIFIC NOTES SHALL TAKE PRECEDENCE OVER SCALED DIMENSIONS AND GENERAL NOTES. THE ENGINEER/DESIGNER SHALL BE CONSULTED FOR CLARIFICATION IF SITE CONDITIONS ARE ENCOUNTERED THAT ARE DIFFERENT THAN SHOWN. IF DISCREPANCIES ARE FOUND IN THE PLANS OR NOTES, OR IF A QUESTION ARISES OVER THE INTENT OF THE PLANS OR NOTES.

THE ENGINEER/DESIGNER ASSUMES NO RESPONSIBILITY FOR SCHEDULING, FABRICATION, CONSTRUCTION TECHNIQUES OR MATERIALS, OR QUANTITIES USED IN THE WORK. THE ENGINEER/DESIGNER ASSUMES NO RESPONSIBILITY FOR FIELD CHANGES, SITE VARIANCES OR DISCREPANCIES NOT BROUGHT TO HIS/HER ATTENTION FOR CLARIFICATION.

SHEET INDEX

MERAKI PARTNERS PROJECT

PLANS

CONSTRUCTION DOCUMENTATION

BUILDING INFORMATION MODELING

BUILDING AREAS:

MAIN LEVEL: 2,871 s.f.
BASEMENT: 2,925 s.f.
GARAGE: 1,100 s.f.

2021 IRC, AS AMENDED, DESIGNATED AS THE GOVERNING CODE

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REVISIONS

NO	DESCRIPTION	DATE	BY

HARRIS HOME DESIGN
346 E. 200 N.,
Alpine, Utah 84004
Phone: (435) 230-0006, Rick Harris
email: harrishomedesign1@gmail.com

COVER SHEET
MERAKI PARTNERS PROJECT
9706 N. EAGLE CV.,
EAGLE MOUNTAIN, UTAH 840403

DATE: 6/8/26
SCALE: 1/4" = 1'-0"

JOB NO.
567

SHEET NO:
A1

1 SITE PLAN
1" = 20'-0"

N

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SITE PLAN

MERAKI PARTNERS PROJECT

9706 N. EAGLE CV.,
EAGLE MOUNTAIN, UTAH 840403

DATE: 6/8/26
SCALE: 1" = 20'-0"

JOB NO.
567

SHEET NO:
A2

DOOR SCHEDULE

TYPE MARK	LEVEL	TYPE	COUNT	HEAD HEIGHT	COMMENTS
1	TOP OF FNDT	18'-0"x8'-0"	1	7' - 0"	
2	TOP OF FNDT	10'-0"x12'-0"	1	11' - 0 1/4"	
3	TOP OF FNDT	10'-0"x8'-0"	1	7' - 4"	
4	MAIN LEVEL FLOOR PLAN	2'-6"x6'-8"	1	6' - 8"	
5	MAIN LEVEL FLOOR PLAN	2'-8"x8'-0"	5	8' - 0"	
6	BASEMENT FLOOR PLAN	2'-4"x6'-8"	5	6' - 8"	
7	BASEMENT FLOOR PLAN	3'-0"x6'-8"	3	6' - 8"	
7	TOP OF FNDT	3'-0"x6'-8"	1	6' - 0"	
7	MAIN LEVEL FLOOR PLAN	3'-0"x6'-8"	1	6' - 8"	
8	BASEMENT FLOOR PLAN	5'-0"x6'-8"	3	6' - 8"	
9	MAIN LEVEL FLOOR PLAN	3'-0"x8'-0"	2	8' - 0"	
10	BASEMENT FLOOR PLAN	2'-8"x6'-8"	5	6' - 8"	
10	MAIN LEVEL FLOOR PLAN	14'-0"x8'-0"	1	8' - 0"	
11	MAIN LEVEL FLOOR PLAN	2'-6"x8'-0"	2	8' - 0"	
12	MAIN LEVEL FLOOR PLAN	2'-4"x8'-0"	7	8' - 0"	
13	MAIN LEVEL FLOOR PLAN	3'-0"x8'-0"	1	8' - 0"	
14	BASEMENT FLOOR PLAN	7'-0"x6'-8" X	1	6' - 8"	
15	BASEMENT FLOOR PLAN	14'-0"x6'-8"	1	6' - 8"	
16	MAIN LEVEL FLOOR PLAN	2'-8"x8'-0" BARN	2	8' - 0"	

WINDOW SCHEDULE

TYPE MARK	LEVEL	TYPE	COUNT	Head Height	COMMENTS
1	BASEMENT FLOOR PLAN	5'-0"x5'-0" SL	1	7' - 8"	
2	MAIN LEVEL FLOOR PLAN	3'-0"x 5'-0" SH	1	8' - 0"	
3	BASEMENT FLOOR PLAN	5'-0"x 2'-0" SL	1	7' - 6"	
4	MAIN LEVEL FLOOR PLAN	3'-0"x 6'-0" SH	2	9' - 0"	
5	MAIN LEVEL FLOOR PLAN	4'-0"x 2'-0" FX'D	2	8' - 0"	
6	MAIN LEVEL FLOOR PLAN	8'-0"x 5'-0" XOX	1	8' - 0"	
7	BASEMENT FLOOR PLAN	5'-0"x 5'-0" SL	5	7' - 6"	
7	MAIN LEVEL FLOOR PLAN	5'-0"x 5'-0" SL	6	8' - 0"	
8	MAIN LEVEL FLOOR PLAN	2'-6"x4'-6" CA	2	8' - 0"	
9	MAIN LEVEL FLOOR PLAN	2'-6"x5'-0" CA	2	8' - 0"	
10	MAIN LEVEL FLOOR PLAN	2'-0"x 2'-0" FX'D	3	8' - 0"	
11	BASEMENT FLOOR PLAN	4'-0"x5'-0" SL	1	7' - 8"	
12	MAIN LEVEL FLOOR PLAN	5'-0"x 7'-0" SL	2	4' - 0"	
13	MAIN LEVEL FLOOR PLAN	5'-0"x 3'-0" FX'D	1	13' - 0"	
13	TOP OF PLATE	5'-0"x 3'-0" FX'D	1	3' - 0"	
14	MAIN LEVEL FLOOR PLAN	5'-0"x 5'-0" FX'D	1	8' - 0"	
15	MAIN LEVEL FLOOR PLAN	1'-6"x 8'-0" FX'D	2	8' - 1"	
16	MAIN LEVEL FLOOR PLAN	8'-0"x 2'-0" FX'D	1	11' - 0"	
17	MAIN LEVEL FLOOR PLAN	2'-8" @ 18.43 DEG.	1	14' - 6"	
18	MAIN LEVEL FLOOR PLAN	4'-6" @ 18.43 DEG.	1	16' - 4"	
19	MAIN LEVEL FLOOR PLAN	6'-4" @ 18.43 DEG.	1	18' - 2"	

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REVISIONS

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DOOR & WINDOW SCHEDULES

MERAKI PARTNERS PROJECT

9706 N. EAGLE CV.,
EAGLE MOUNTAIN, UTAH 840403

DATE: 6/8/26
SCALE:

JOB NO.
567

SHEET NO:
A3

BUILDING AREAS:

MAIN LEVEL: 2,871 s.f.
BASEMENT: 2,925 s.f.
GARAGE: 1,100 s.f.

A6 / 2

A7 / 2

1 A7

COVERED DECK
268 SF

M. BEDROOM
262 SF
VAULTED CEILING,
12'-2" LOWER PLATE HEIGHT

DINING
200 SF
10' CEILING

GREAT ROOM
421 SF
VAULTED CEILING

M. BATH
144 SF
10' CEILING

PANTRY
57 SF
10' CEILING

J&J BATH
51 SF

J&J W.C.
32 SF

BEDROOM 4
162 SF
10' CEILING

KITCHEN
244 SF
10' CEILING

MUD ROOM
110 SF

M. W.I.C.
130 SF
10' CEILING

LAUNDRY
55 SF
10' CEILING

BEDROOM 3
141 SF
10' CEILING

W.I.C. 3
24 SF

W.I.C. 4
24 SF

HALL
92 SF
10' CEILING

BATH 2
52 SF

W.I.C. 2
20 SF

1/2 BATH
28 SF

COVERED ENTRY
159 SF

COURT YARD
309 SF

BEDROOM 2/ OFFICE
197 SF
10' CEILING

2 CAR GARAGE
605 SF
10' CEILING

3RD CAR GARAGE
417 SF
13'-8" CEILING

1 MAIN LEVEL FLOOR PLAN
1/4" = 1'-0"

1 A6

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MAIN LEVEL FLOOR PLAN

MERAKI PARTNERS PROJECT

9706 N. EAGLE CV.,
EAGLE MOUNTAIN, UTAH 840403

DATE: 6/8/26
SCALE: 1/4" = 1'-0"

JOB NO.
567

SHEET NO:
A4

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A6 2

8'-6" | 21'-4" | 18'-6" | 19'-0" | 16'-0" | 6'-8" | 15'-4"

8'-0" | 8'-0" | 3'-0" | 3'-8"

UP

COVERED PATIO
322 SF

37'-6"

6'-4 1/2" | 9'-8 1/2" | 5'-3" | 4'-6" | 5'-6" | 18'-0" | 9'-6"

7 5'-0"x 5'-0" SL
7 5'-0"x 5'-0" SL
15 14'-0"x6'-8"
7 5'-0"x 5'-0" SL
14'-6"

A10

BEDROOM 5
215 SF

15'-0"

10 2'-8"x6'-8"
6 2'-4"x6'-8"

WH
8 5'-0"x6'-8"
FUR

W.I.C. 5
43 SF

6'-5"

11 4'-0"x5'-0" SL

3'-6"
10 2'-8"x6'-8"

BEDROOM 6
178 SF

13'-0"

3'-6"

6 2'-4"x6'-8"
BATH
61 SF

3'-2"

12'-2 1/2"

3'-1"

10 2'-8"x6'-8"

6 2'-4"x6'-8"

LAUNDRY/
STORAGE
115 SF

14'-3 1/2"

8'-2"

D W

W.I.C. 6
49 SF

6'-1"

17'-6"

22'-0"

26'-8"

71'-6"

4'-6"
5'-6"
6'-6"
13'-0"
6'-6"
5'-0"
5'-0"
11'-0"
54'-0"

7 5'-0"x 5'-0" SL
7 5'-0"x 5'-0" SL

KITCHEN/
DINING
310 SF

21'-0 1/2"

DW
17'-7"
1'-0"
2'-0"
3'-6"
3'-6"
8'-0"
REF.

13'-1"

FAMILY ROOM
452 SF

A7 2

BATH 7
83 SF

6 2'-4"x6'-8"
2'-6"

3 5'-0"x 2'-0" SL

5'-1"

6 2'-4"x6'-8"

W.I.C. 7
40 SF

BEDROOM 7/
GYM
272 SF

10 2'-8"x6'-8"
7 3'-0"x6'-8"
8 5'-0"x6'-8"
4'-1"
8 5'-0"x6'-8"
HALL
89 SF
10 2'-8"x6'-8"
7 3'-0"x6'-8"

UP

FUR
WH
WH
FUR

1 5'-0"x5'-0" SL

7 3'-0"x6'-8"
5'-8"

STORAGE
399 SF

COLD STORAGE
192 SF

11'-0"
17'-6"
4'-8"
32'-0"
27'-4"
4'-6"

6'-4" | 9'-0" | 9'-6"
6'-5"
6'-6"

22'-8"

30'-0"

A10 A10 A10 A10 A10 A10

5'-0" | 3'-0" | 16'-0" | 24'-10" | 18'-6"
105'-4"

38'-0"
24'-0" | 14'-0"

2'-0"

1 A7

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

1 A6

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HARRIS HOME DESIGN
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BASEMENT FLOOR PLAN
MERAKI PARTNERS PROJECT
9706 N. EAGLE CV.,
EAGLE MOUNTAIN, UTAH 840403

DATE: 6/8/26
SCALE: 1/4" = 1'-0"

JOB NO.
567

SHEET NO:
A5

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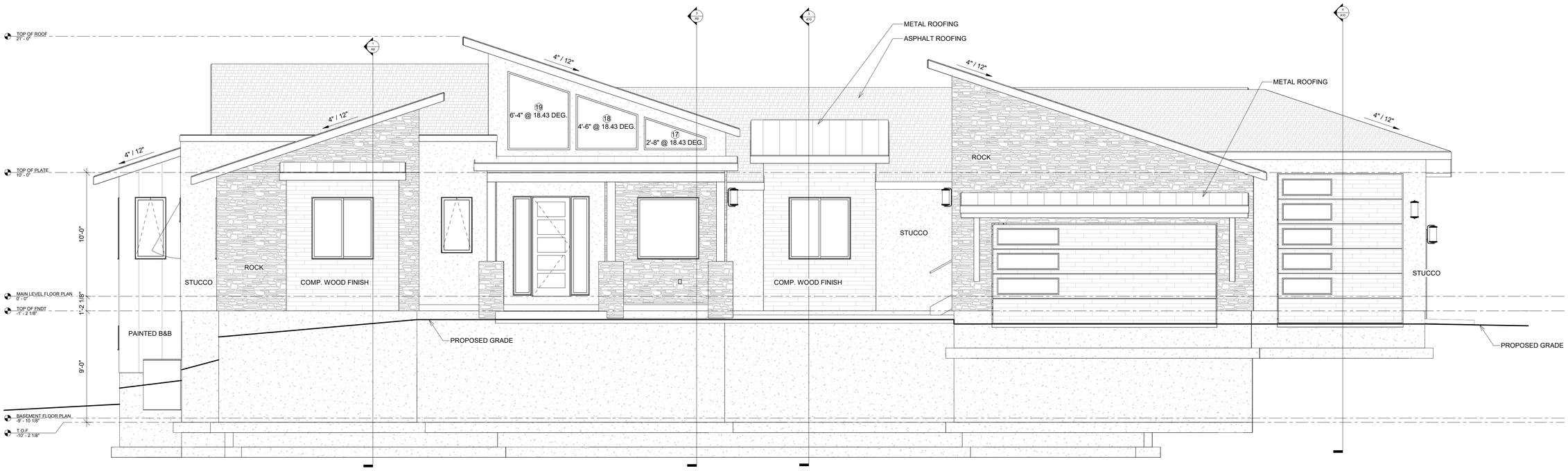
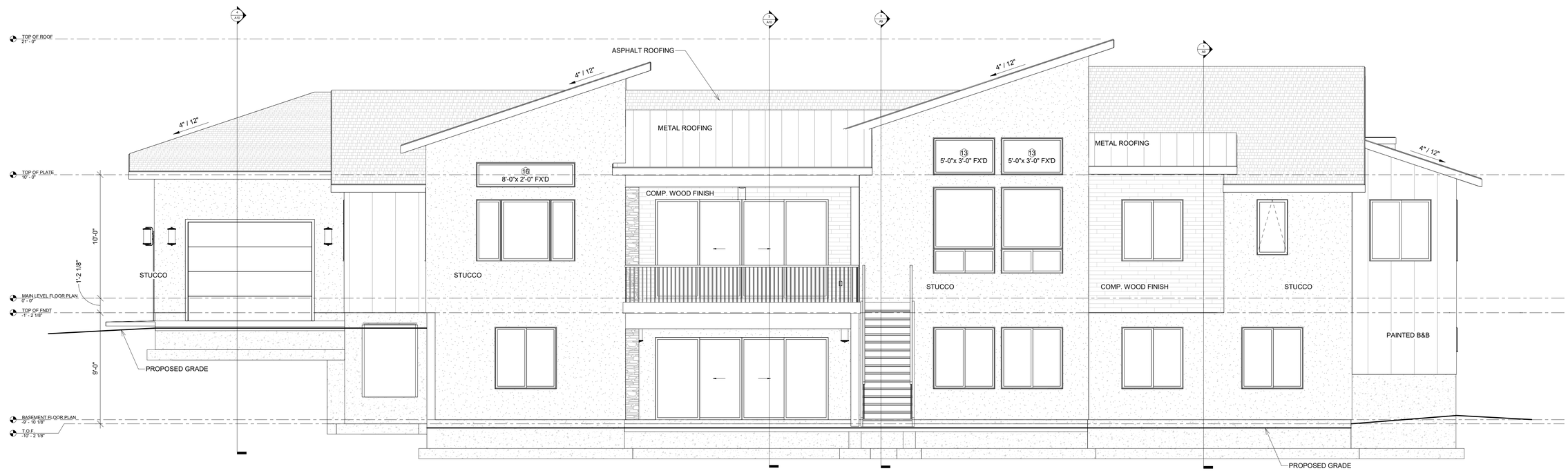


1 FRONT (WEST) ELEVATION
1/4" = 1'-0"



2 REAR (EAST) ELEVATION
1/4" = 1'-0"

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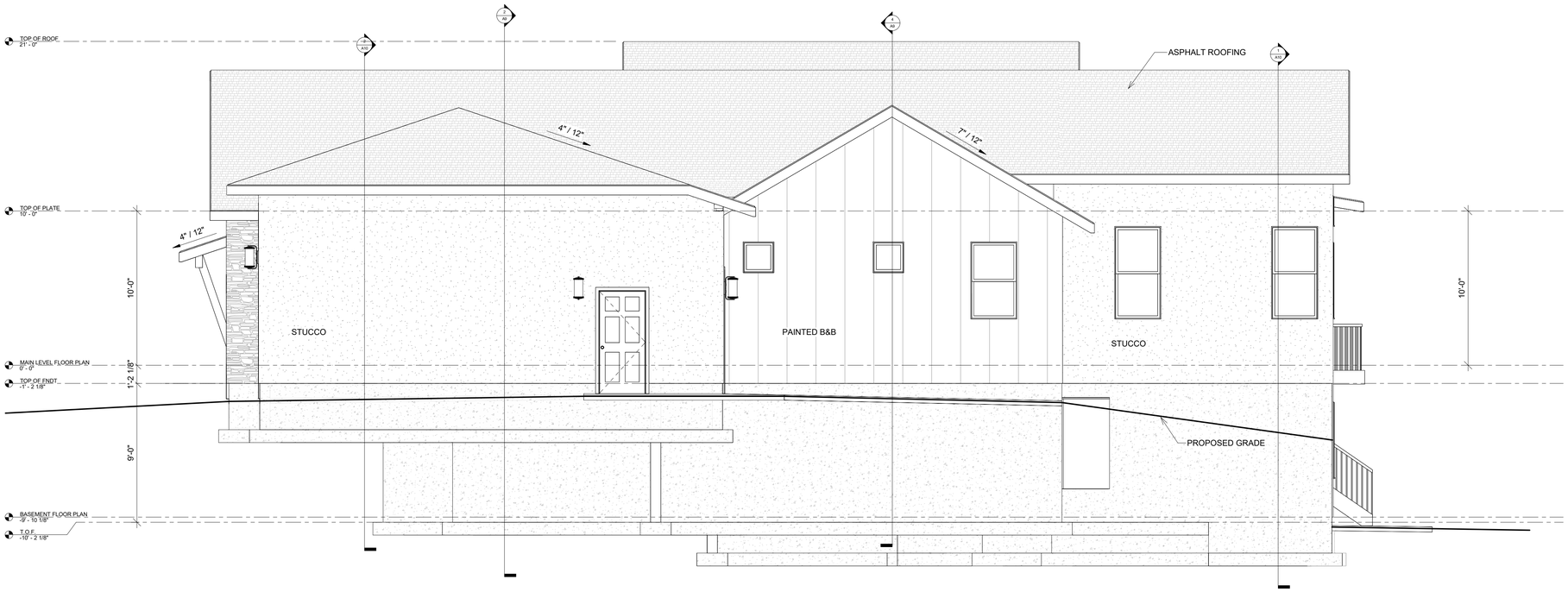
FRONT & REAR ELEVATIONS
MERAKI PARTNERS PROJECT
9706 N EAGLE CV.,
EAGLE MOUNTAIN, UTAH 840403

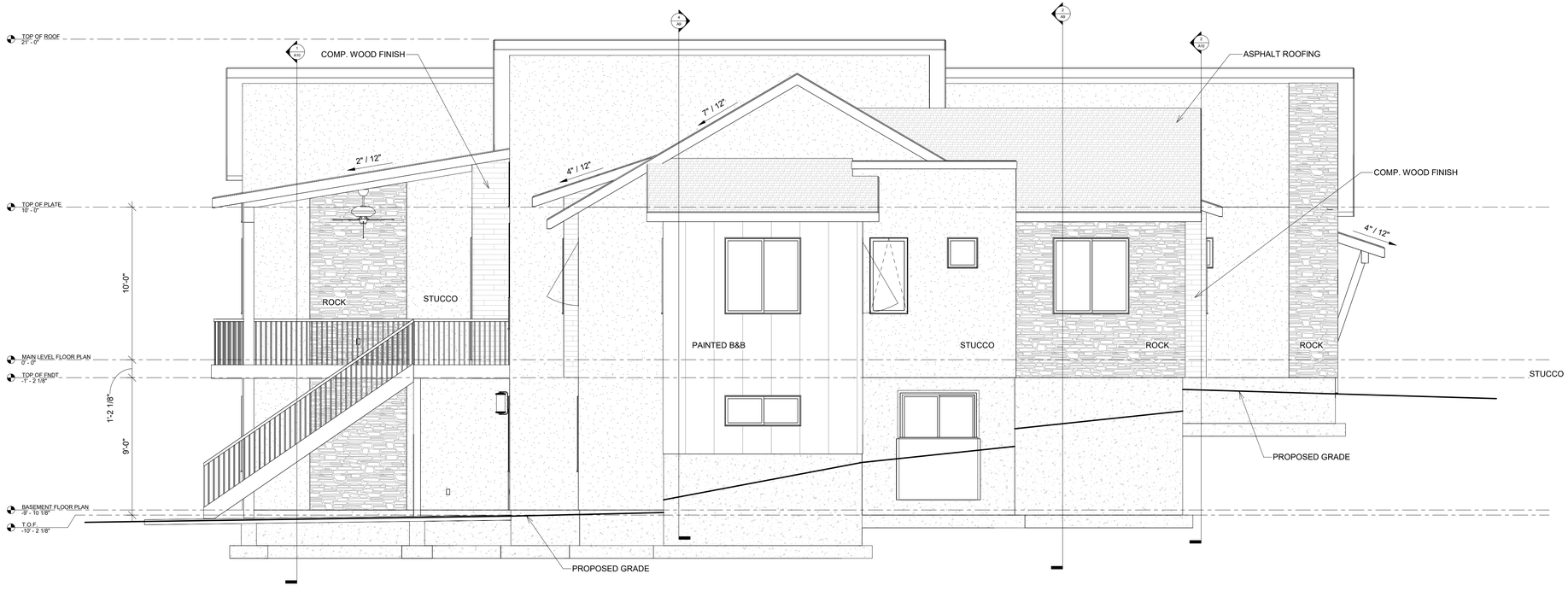
DATE: 6/8/26
SCALE: 1/4" = 1'-0"

JOB NO.
567

SHEET NO:
A6



1 RIGHT (SOUTH) ELEVATION
1/4" = 1'-0"



2 LEFT (NORTH) ELEVATION
1/4" = 1'-0"

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RIGHT & LEFT ELEVATIONS
MERAKI PARTNERS PROJECT
9706 N. EAGLE CV.,
EAGLE MOUNTAIN, UTAH 840403

DATE: 6/8/26
SCALE: 1/4" = 1'-0"

JOB NO.
567

SHEET NO:
A7

A6
2

A7
2

1
A7

DN
DW
MEMBRANE ROOFING
4" / 12"
7" / 12"
2" / 12"
1/2" / 12"

1 ROOF PLAN
1/4" = 1'-0"

1
A6

BUILDING AREAS:

MAIN LEVEL:	2,871 s.f.
BASEMENT:	2,925 s.f.
GARAGE:	1,100 s.f.

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ROOF PLAN
MERAKI PARTNERS PROJECT
9706 N. EAGLE CV.,
EAGLE MOUNTAIN, UTAH 840403

DATE: 6/8/26
SCALE: 1/4" = 1'-0"

JOB NO.
567

SHEET NO:
A8

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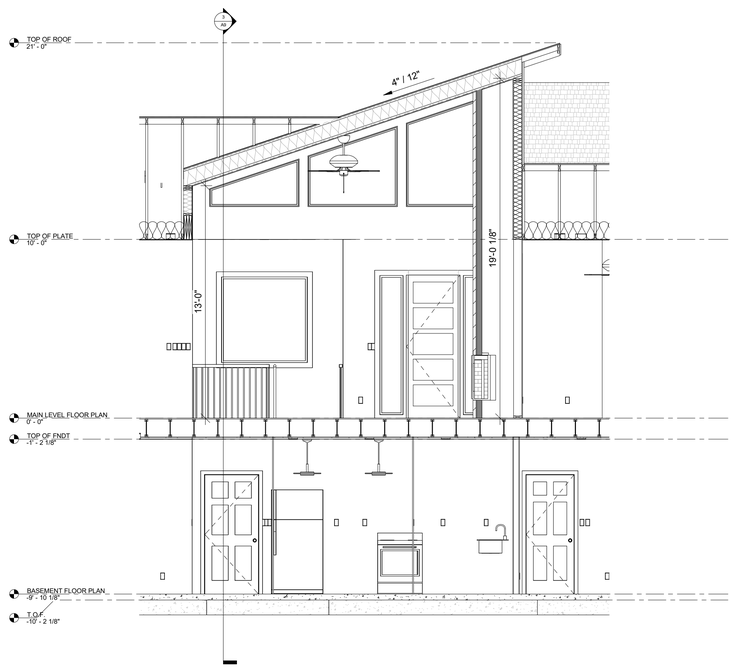
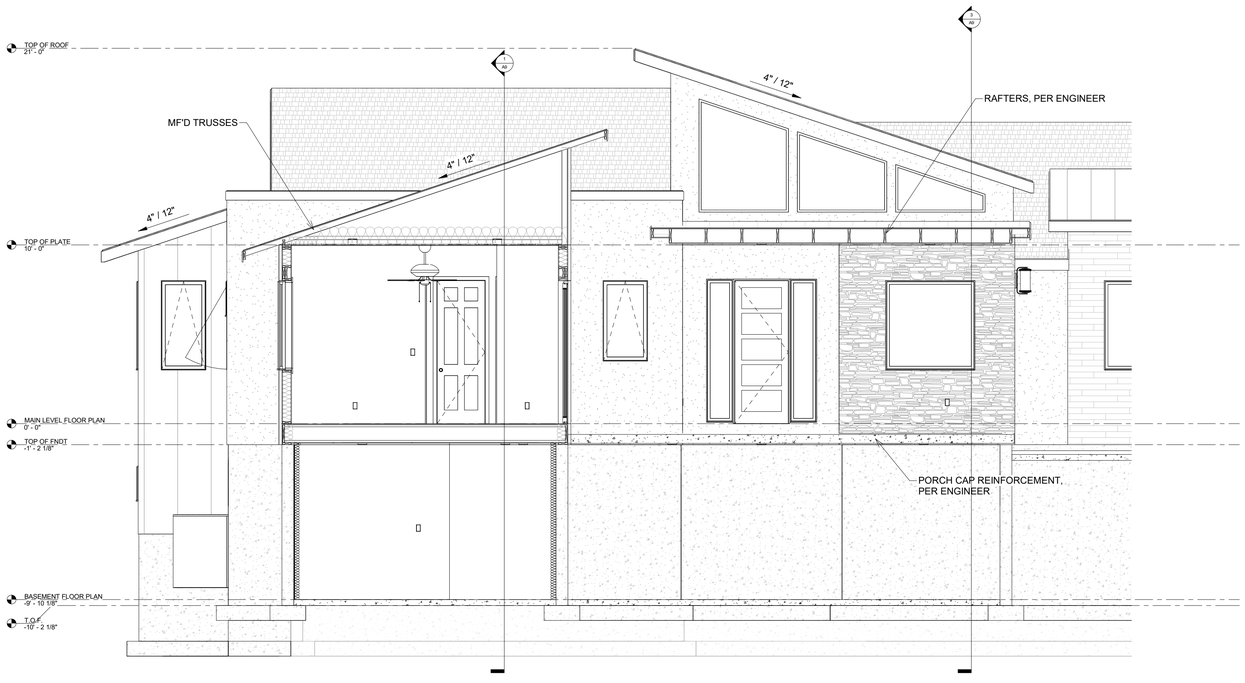
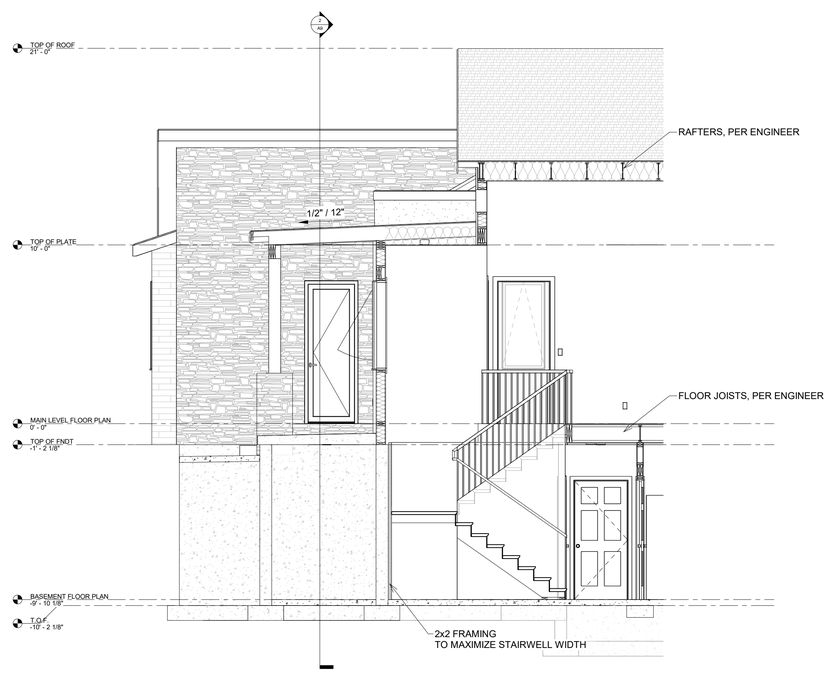
1 OFFICE/BEDROOMS SECTION
1/4" = 1'-0"



4 GREAT ROOM SECTION
1/4" = 1'-0"



2 OFFICE/COLD STORAGE SECTION
1/4" = 1'-0"



3 STAIRWELL SECTION
1/4" = 1'-0"

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BUILDING SECTIONS

MERAKI PARTNERS PROJECT

9706 N EAGLE CV.,
EAGLE MOUNTAIN, UTAH 840403

DATE: 6/8/26
SCALE: 1/4" = 1'-0"

JOB NO.
567

SHEET NO:
A9

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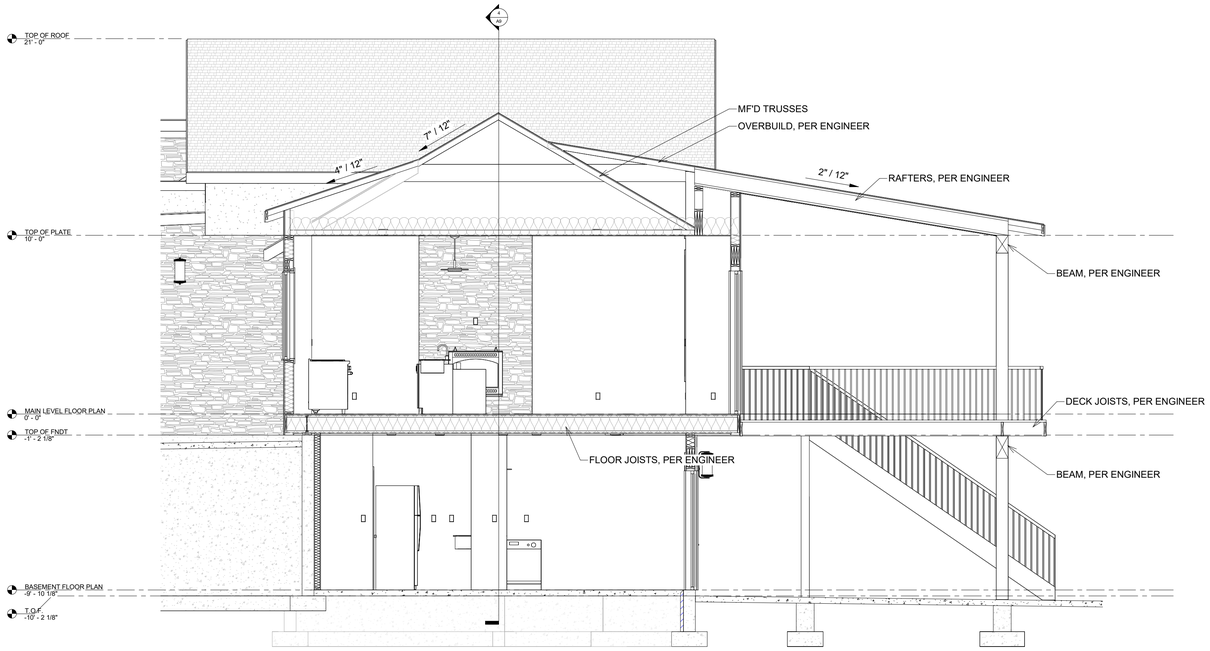
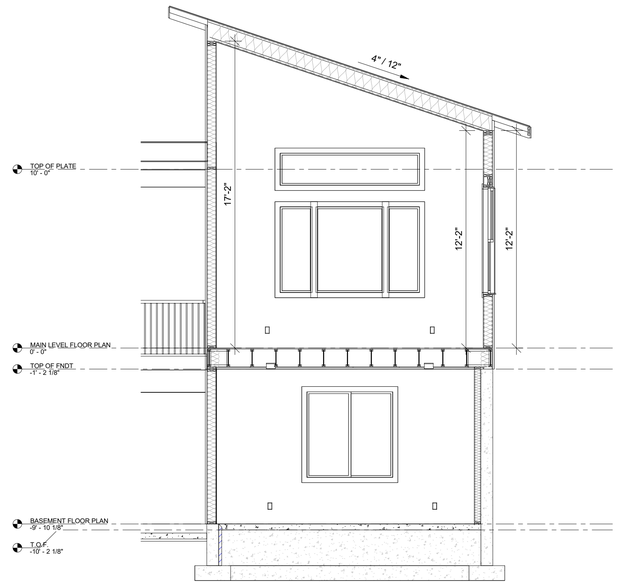
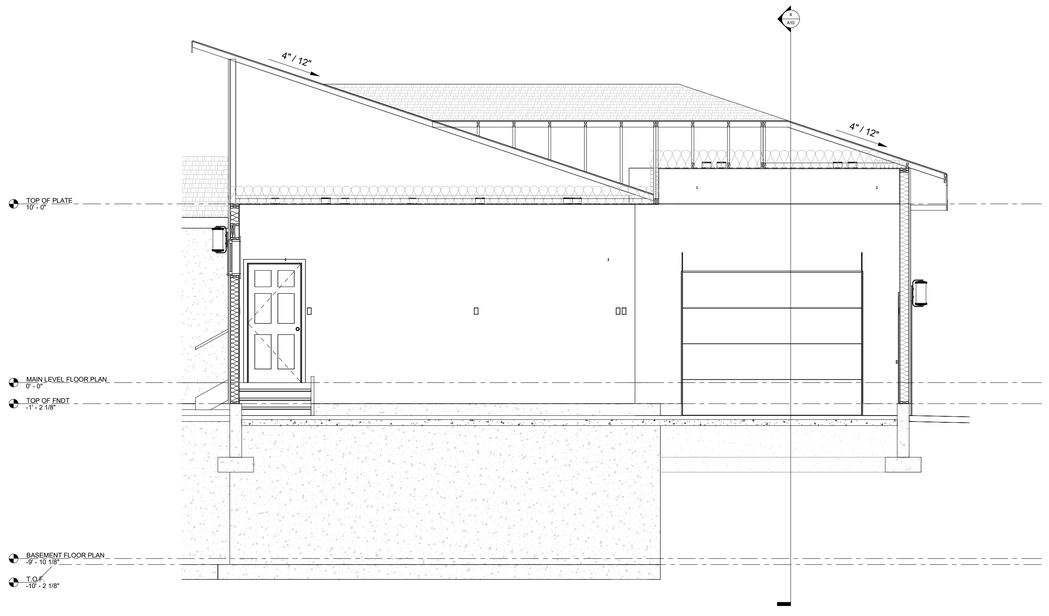


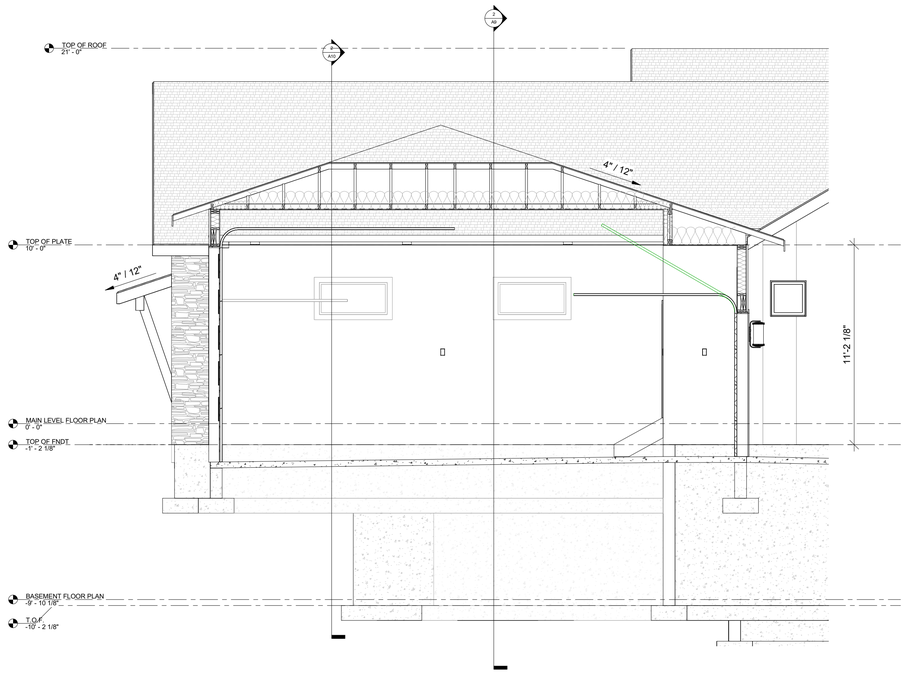
3 KITCHEN/DECK SECTION
1/4" = 1'-0"



1 M. BEDROOM SECTION
1/4" = 1'-0"



2 GARAGE SECTION 1
1/4" = 1'-0"



4 GARAGE SECTION 2
1/4" = 1'-0"

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BUILDING SECTIONS

MERAKI PARTNERS PROJECT

9706 N. EAGLE CV.,
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DATE: 6/8/26
SCALE: 1/4" = 1'-0"

JOB NO.
567

SHEET NO:
A10

ELECTRICAL NOTES

1. GENERAL ELECTRICAL: PER CURRENT ELECTRICAL CODES AND AS NOTED IN PLAN.
2. ELECTRICAL BOXES TO SUPPORT FANS AND LARGE FIXTURES SHALL BE APPROVED FOR SUPPORTING SUCH LOADS.
3. COVERED JUNCTION BOXES SHALL BE PROVIDED UNDER KITCHEN SINKS TO PROVIDE POWER FOR DISHWASHERS, GARBAGE DISPOSALS AND OTHER APPLIANCES AS REQUIRED.

ELECTRICAL OUTLET NOTES

1. ELECTRIC OUTLETS IN BATHROOMS WITHIN SIX FEET OF SINKS, IN GARAGES, BASEMENTS AND OUTDOORS SHALL BE GFI PROTECTED.
2. EXTERIOR OUTLETS SHALL HAVE WEATHER PROOF COVERS.
3. EXTERIOR ELECTRICAL OUTLETS SHALL BE PROVIDED AT THE FRONT AND BACK OF THE BUILDING.
4. ELECTRICAL OUTLETS SHALL BE PLACED NOT FARTHER THAN 12' o.c. ON EVERY WALL AND SHALL BE PLACED ON WALLS GREATER THAN 2' IN LENGTH.
5. COUNTERTOPS 12" AND WIDER SHALL HAVE ELECTRICAL OUTLETS SPACED NOT GREATER THAN 48" o.c.
6. HALLWAYS 10' OR GREATER IN LENGTH SHALL HAVE AT LEAST ONE ELECTRICAL OUTLET.
7. MECHANICAL EQUIPMENT SHALL HAVE AN ELECTRICAL OUTLET LOCATED WITHIN 25'.
8. AT LEAST ONE RECEPTACLE OUTLET SHALL BE INSTALLED AT EACH ISLAND COUNTER SPACES WITH A LONG DIMENSION OF 24" OR GREATER AND A SHORT DIMENSION OF 12" OR GREATER.
9. PROVIDE TWO OR MORE DEDICATED 20-AMPERE SMALL APPLIANCE BRANCH CIRCUITS EVENLY PROPORTIONED IN THE KITCHEN, PANTRY, BREAKFAST ROOM, DINING ROOM OR SIMILAR AREA.
10. AT LEAST ONE RECEPTACLE OUTLET SHALL BE INSTALLED AT EACH PENINSULA COUNTER WITH A LONG DIMENSION OF 24" OR GREATER AND A SHORT DIMENSION OF 12" OR GREATER.

LIGHTING NOTES

1. THE PRIMARY LIGHTING FOR KITCHENS AND BATHROOMS SHALL HAVE A MIN. EFFICIENCY OF 40 LUMENS PER WATT.
2. AN EXTERIOR LIGHT SHALL BE PROVIDED FOR EACH EXIT.
3. A SWITCH FOR AN INTERIOR LIGHT SHALL BE PROVIDED AT EVERY ENTRANCE.
4. INCANDESCENT LIGHTS SHALL NOT BE PLACED CLOSER THAN 12" FROM THE NEAREST POINT OF A STORAGE AREA ON A SHELF.
5. INCANDESCENT LIGHT FIXTURES LOCATED IN CLOSETS SHALL BE SHIELDED.
6. LIGHTING WILL BE PROVIDED FOR MECHANICAL EQUIPMENT LOCATED IN AN ATTIC OR UNDER FLOOR SPACE. A LIGHT SWITCH SHALL BE PROVIDED AT THE ACCESS OPENING.
7. FIXTURES TO BE CHOSEN BY HOMEOWNER.

GENERAL MECHANICAL & PLUMBING NOTES

1. METALLIC GAS PIPE, WATER PIPE, AND FOUNDATION REINFORCING BARS SHALL BE BONDED TO THE ELECTRICAL SERVICE GROUND.
2. CLOTHES DRYER, KITCHEN AND BATHROOM VENTING SHALL EXHAUST TO THE OUTSIDE OF THE BUILDING AND BE EQUIPPED WITH A BACK DRAFT DAMPER.
3. FURNACE, WATER HEATER AND FIREPLACE FLUES SHALL EXHAUST TO THE OUTSIDE OF THE BUILDING.
4. ALL GAS LINES SHALL BE SIZED FOR APPLIANCE LOAD. "BLACK" PIPE SHALL BE USED INSIDE THE BUILDING, "GREEN" PIPE WHERE UNDERGROUND OR EXPOSED TO WEATHER. ALL JOINTS SHALL BE TAPED WHERE BURIED OR EXPOSED TO WEATHER.
5. TUBS/SHOWERS SHALL BE PROVIDED WITH INDIVIDUAL CONTROL VALVES OF THE PRESSURE BALANCE OR THE THERMOSTATIC MIXING TYPE. THE WATER TEMPERATURE SHALL BE AT A MAXIMUM OF 120º F.
6. WATER HEATER SHALL BE PROVIDED WITH SEISMIC RESTRAINTS.
7. HOSE BIBBS ARE REQUIRED IN FRONT AND REAR OF BUILDING OR AS NOTED ON PLAN. EACH HOSE BIBB SHALL BE EQUIPPED WITH A BACK FLOW PREVENTION DEVICE.
8. FUEL BURNING WATER HEATERS SHALL BE INSTALLED PER 2002 UPC SECTION 501.0 AND TABLE 5-1 FOR COMBUSTION AIR.
9. A HEATING SYSTEM SHALL BE PROVIDED CAPABLE OF MAINTAINING A ROOM TEMPERATURE OF 70º F AT A POINT 3' ABOVE THE FLOOR IN ALL HABITABLE ROOMS.
10. HEAT DUCTING SHALL BE SECURED, SEALED AND INSULATED.
11. ANY APPLIANCE GENERATING A GLOW, SPARK OR FLAME CAPABLE OF IGNITING FLAMMABLE VAPORS SHALL BE INSTALLED 18" ABOVE THE FLOOR.

SECTION R314 SMOKE ALARMS

R314.1 General. Smoke alarms shall comply with NFPA 72 and Section R314.

R314.1 Listings. Smoke alarms shall be listed in accordance with UL 217. Combination smoke and carbon monoxide alarms shall be listed in accordance with UL 217 and UL 2034.

R314.2 Where required. Smoke alarms shall be provided in accordance with this section

R314.2.1 New construction. Smoke alarms shall be provided in dwelling units.

R314.2.2 Alterations, repairs and additions. Where alterations, repairs or additions requiring a permit occur, the individual dwelling unit shall be equipped with smoke alarms located as required for new dwellings.

Exceptions:

1. Work involving the exterior surfaces of dwellings, such as the replacement of roofing or siding, the addition or replacement of windows or doors, or the addition of a porch or deck.
2. Installation, alteration or repairs of plumbing or mechanical systems.

R314.3 Location. Smoke alarms shall be installed in the following locations.

1. In each sleeping room.
2. Outside each separate sleeping area in the immediate vicinity of the bedrooms.
3. On each additional story of the dwelling, including basements and habitable attics and not including crawl spaces and uninhabitable attics. In dwellings or dwelling units with split levels and without an intervening door between the adjacent levels, a smoke alarm installed on the upper level shall suffice for the adjacent lower level provided that the lower level is less than one full story below the upper level.
4. Not less than 3 feet (914 mm) horizontally from the door or opening of a bathroom that contains a bathtub or shower unless this would prevent placement of a smoke alarm required by this section.
5. In the hallway and in the room open to the hallway in dwelling units where the ceiling height of a room open to a hallway serving bedrooms exceeds that of the hallway by 24 inches (610 mm) or more.

R314.3.1 Installation near cooking appliances. Smoke alarms shall not be installed in the following locations unless this would prevent placement of a smoke alarm in a location required by Section R314.3.

1. Ionization smoke alarms shall not be installed less than 20 feet (6096 mm) horizontally from a permanently installed cooking appliance.
2. Ionization smoke alarms with an alarm-silencing switch shall not be installed less than 10 feet (3048 mm) horizontally from a permanently installed cooking appliance.
3. Photoelectric smoke alarms shall not be installed less than 6 feet (1828 mm) horizontally from a permanently installed cooking appliance.
4. Smoke alarms listed and marked "helps reduce cooking nuisance alarms" shall not be installed less than 6 feet (1828 mm) horizontally from a permanently installed cooking appliance.

R314.4 Interconnection. Where more than one smoke alarm is required to be installed within an individual dwelling unit in accordance with Section R314.3, the alarm devices shall be interconnected in such a manner that the actuation of one alarm will activate all of the alarms in the individual dwelling unit. Physical interconnection of smoke alarms shall not be required where listed wireless alarms are installed and all alarms sound upon activation of one alarm.

R314.5 Combination alarms. Combination smoke and carbon monoxide alarms shall be permitted to be used in lieu of smoke alarms.

R314.6 Power source. Smoke alarms shall receive their primary power from the building wiring where such wiring is served from a commercial source and, where primary power is interrupted, shall receive power from a battery. Wiring shall be permanent and without a disconnecting switch other than those required for overcurrent protection.

R314.7 Fire alarm systems. Fire alarm systems shall be permitted to be used in lieu of smoke alarms and shall comply with Sections R314.7 through R314.7.1 through R314.7.4.

R314.7.1 General. Fire alarm systems shall comply with the provisions of this code and the household fire warning equipment provisions of NFPA 72. Smoke detectors shall be listed in accordance with UL 268.

R314.7.2 Location. Smoke detectors shall be installed in the locations specified in Section R314.3.

R314.7.3 Permanent fixture. Where a household fire alarm system is installed, it shall become a permanent fixture of the occupancy, owned by the homeowner.

R314.7.4 Combination detectors. Combination smoke and carbon monoxide detectors shall be permitted to be installed in fire alarm systems in lieu of smoke detectors, provided that they are listed in accordance with UL 268 and UL 2075.

SECTION R315 CARBON MONOXIDE ALARMS

R315.1 General. Carbon monoxide alarms shall comply with Section R315.

R315.1.1 Listings. Carbon monoxide alarms shall be listed in accordance with UL 2034. Combination carbon monoxide and smoke alarms shall be listed in accordance with UL 2034 and UL 217.

R315.2 Where required. Carbon monoxide alarms shall be provided in accordance with Sections R315.2.1 and R315.2.2.

R315.2.1 New Construction. For new construction, carbon monoxide alarms shall be provided in dwelling units where either or both of the following conditions exist.

1. The dwelling unit contains a fuel-fired appliance.
2. The dwelling unit has an attached garage with an opening that communicates with the dwelling unit.

R315.2.2 Alterations, repairs and additions. Where alterations, repairs or additions requiring a permit occur, the individual dwelling unit shall be equipped with carbon monoxide alarms located as required for new dwellings.

Exceptions:

1. Work involving the exterior surfaces of dwellings, such as the replacement of roofing or siding, or the addition or replacement of windows or doors, or the addition of a porch or deck.
2. Installation, alteration or repairs of plumbing systems.
3. Installation, alteration or repairs of mechanical systems that are not fuel fired.

R315.3 Location. Carbon monoxide alarms in dwelling units shall be installed outside of each separate sleeping area in the immediate vicinity of the bedrooms. Where a fuel -burning appliance is located within a bedroom or its attached bathroom, a carbon monoxide alarm shall be installed within the bedroom.

R315.4 Combination alarms. Combination carbon monoxide and smoke alarms shall be permitted to be used in lieu of carbon monoxide alarms.

R315.5 Interconnectivity. Where more than one carbon monoxide alarm is required to be installed within an individual dwelling unit in accordance with Section R315.3, the alarm devices shall be interconnected in such a manner that the actuation of one alarm will activate all of the alarms in the individual dwelling unit. Physical interconnection of carbon monoxide alarms shall not be required where listed wireless alarms are installed and all alarms sound upon activation of one alarm.

Exception: Interconnection of carbon monoxide alarms in existing areas shall not be required where alterations or repairs do not result in removal of interior wall or ceiling finishes exposing the structure, unless there is an attic, crawl space or basement available that could provide access for interconnection without the removal of interior finishes.

R315.6 Power source. Carbon monoxide alarms shall receive their primary power from the building wiring where such wiring is served from a commercial source and , where primary power is interrupted, shall receive power from a battery. Wiring shall be permanent and without a disconnecting switch other than those required for overcurrent protection.

Exceptions:

1. Carbon monoxide alarms shall be permitted to be battery operated where installed in buildings without commercial power.
2. Carbon monoxide alarms installed in accordance with Section R315.2.2 shall be permitted to be battery powered.

R315.7 Carbon monoxide detection systems. Carbon monoxide detection systems shall be permitted to be used in lieu of carbon monoxide alarms and shall comply with Sections R315.7.1 through R315.7.4

R315.7.1 General. Household carbon monoxide detection systems shall comply with NFPA 720. Carbon monoxide detectors shall be listed in accordance with UL 2075.

R315.7.2 Location. Carbon monoxide detectors shall be installed in the locations specified in Section R315.3. These locations supersede the locations specified in NFPA 720.

R315.7.3 Permanent fixture. Where a household carbon monoxide detection system is installed, it shall become a permanent fixture of the occupancy and owned by the homeowner.

R315.7.4 Combination detectors. Combination carbon monoxide and smoke detectors installed in carbon monoxide detection systems in lieu of carbon monoxide detectors shall be listed in accordance with UL 268 and UL 2075.

2021 IRC, AS AMENDED, DESIGNATED AS THE GOVERNING CODE

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REVISIONS

NO	DESCRIPTION	DATE	BY

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ELECTRICAL NOTES

MERAKI PARTNERS PROJECT

9706 N. EAGLE CV.,
EAGLE MOUNTAIN, UTAH 840403

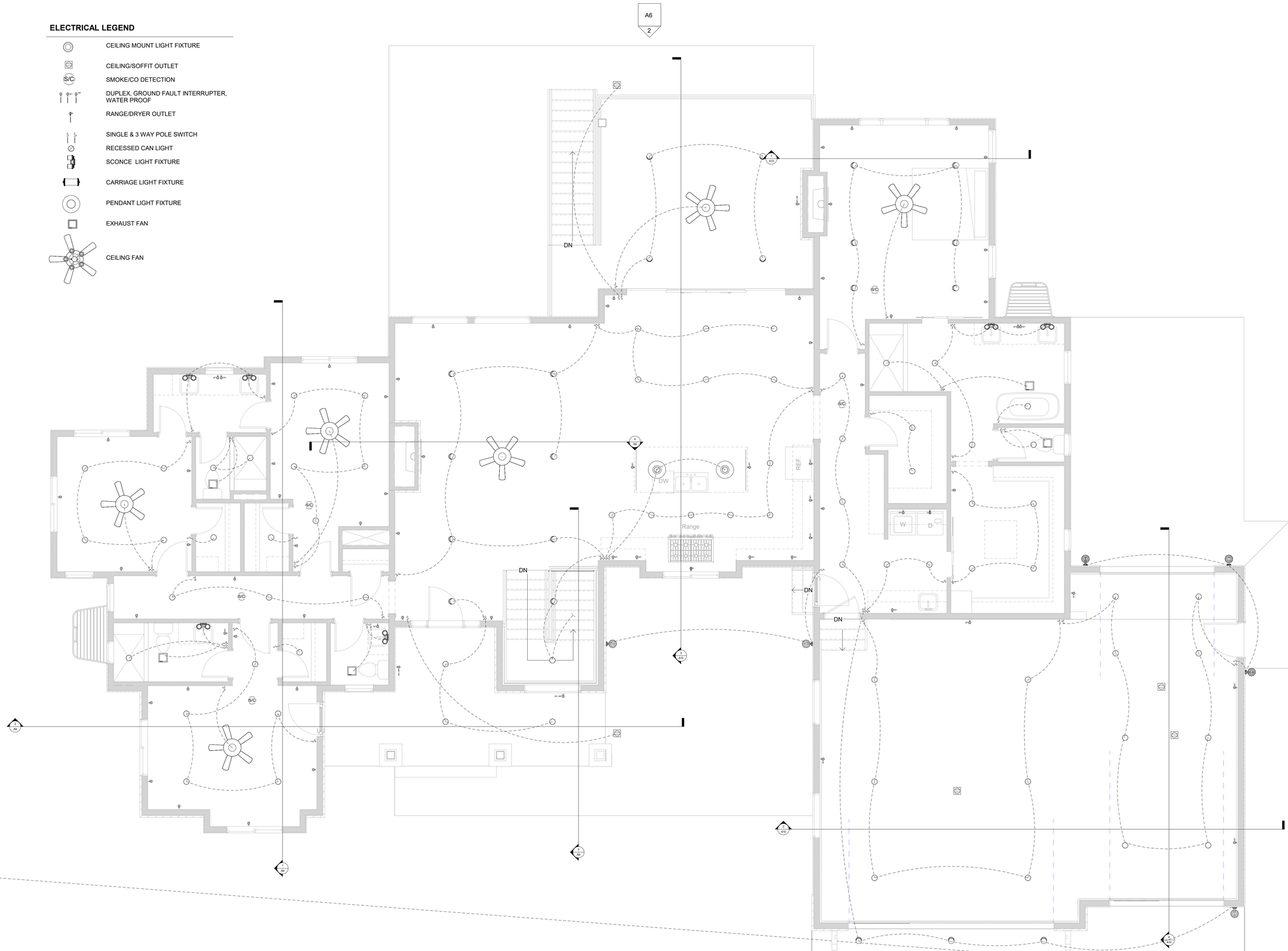
DATE: 6/8/26
SCALE:

JOB NO.
567

SHEET NO:
E1

ELECTRICAL LEGEND

- CEILING MOUNT LIGHT FIXTURE
- CEILING/SOFFIT OUTLET
- S/C — SMOKE/CO DETECTION
- DUPLEX, GROUND FAULT INTERRUPTER, WATER PROOF
- RANGE/DRYER OUTLET
- SINGLE & 3 WAY POLE SWITCH
- RECESSED CAN LIGHT
- SCONCE LIGHT FIXTURE
- CARRIAGE LIGHT FIXTURE
- PENDANT LIGHT FIXTURE
- EXHAUST FAN
- CEILING FAN



1 MAIN LEVEL ELECTRICAL PLAN
1/4" = 1'-0"

1
A6

2021 IRC, AS AMENDED, DESIGNATED AS THE GOVERNING CODE

REVISIONS			
NO	DESCRIPTION	DATE	BY

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MAIN LEVEL ELECTRICAL PLAN

MERAKI PARTNERS PROJECT

9708 N. EAGLE CV.,
EAGLE MOUNTAIN, UTAH 840403

DATE: 6/8/26
SCALE: 1/4" = 1'-0"

JOB NO.
567

SHEET NO:
E2

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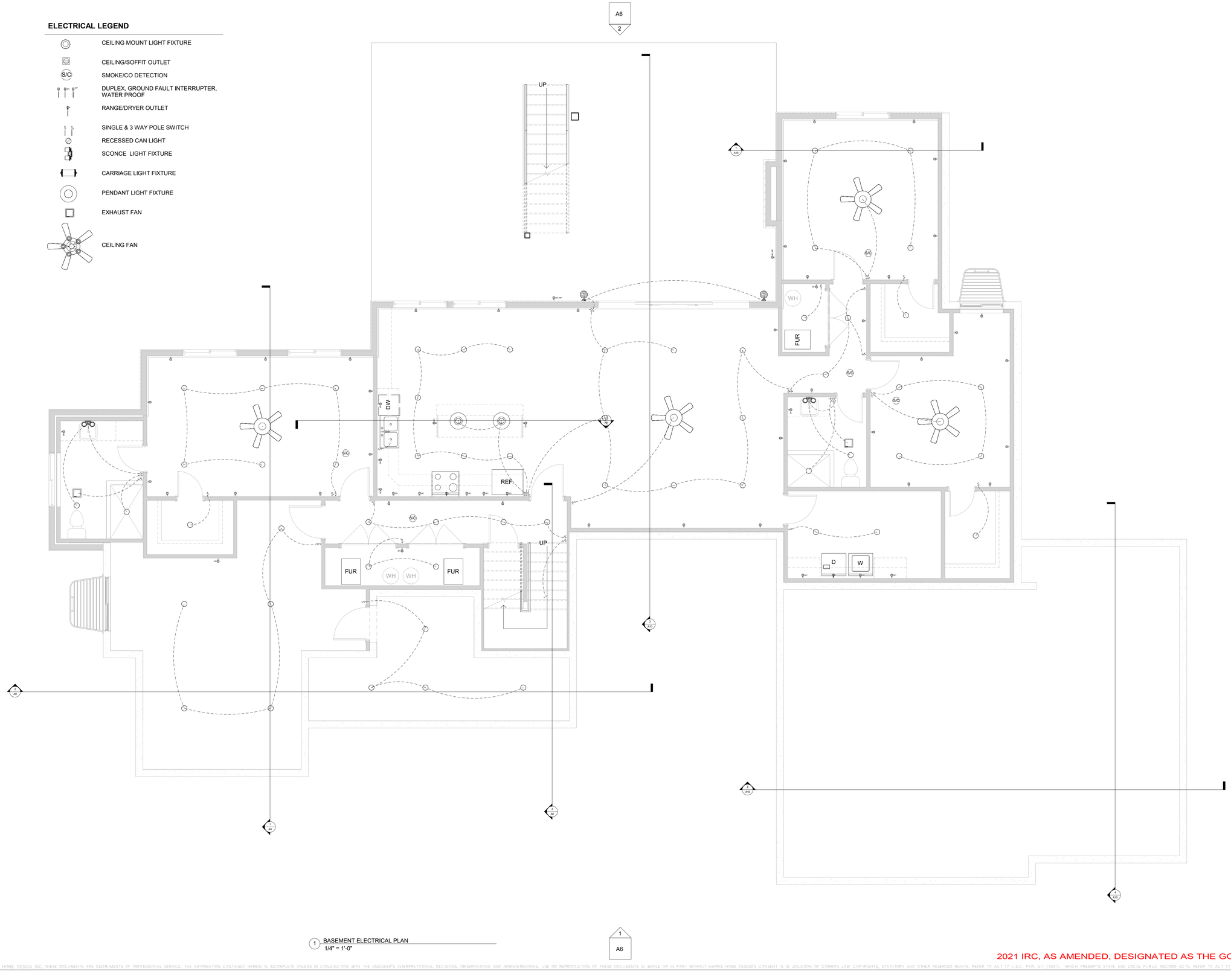
ELECTRICAL LEGEND

- CEILING MOUNT LIGHT FIXTURE
- CEILING/SOFFIT OUTLET
- S/C — SMOKE/CO DETECTION
- DUPLEX, GROUND FAULT INTERRUPTER, WATER PROOF
- RANGE/DRYER OUTLET
- SINGLE & 3 WAY POLE SWITCH
- RECESSED CAN LIGHT
- SCONCE LIGHT FIXTURE
- CARRIAGE LIGHT FIXTURE
- PENDANT LIGHT FIXTURE
- EXHAUST FAN
- CEILING FAN



1 BASEMENT ELECTRICAL PLAN
1/4" = 1'-0"

1 A6

2021 IRC, AS AMENDED, DESIGNATED AS THE GOVERNING CODE

REVISIONS

NO	DESCRIPTION	DATE	BY

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BASEMENT ELECTRICAL PLAN

MERAKI PARTNERS PROJECT

9706 N. EAGLE CV.,
EAGLE MOUNTAIN, UTAH 840403

DATE: 6/8/26
SCALE: 1/4" = 1'-0"

JOB NO.
567

SHEET NO:
E3