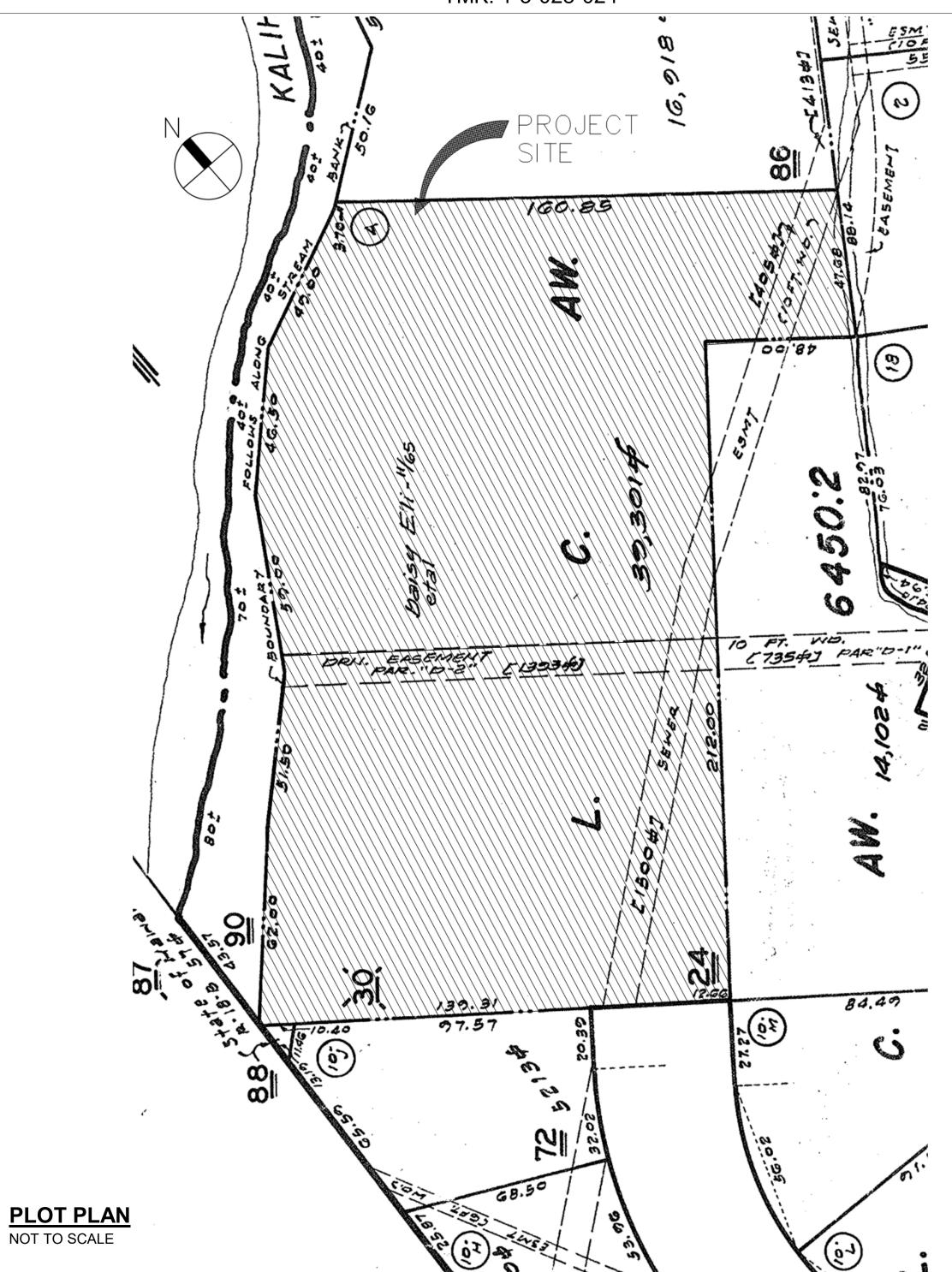
1773 AKAHI STREET, UNIT A HONOLULU, HI 96819 TMK: 1-3-028-024



CITY AND COUNTY OF HONOLULU REVISED ORDINANCE CHAPTER 32, HONOLULU COUNTY CODE 1990, AS AMENDED

To the best of my knowledge,	this project's design	ı substantially conforms te	o the
Building Energy Conservation	Code for:		

		Building Component Systems Electrical Component Systems Mechanical Component Systems
Signature:	<i>H</i>	Date:01/30/2023
Title:		
License No.:_		

PROJECT INFORMATION

1-3-028-024

ADDRESS:

1773 AKAHI STREET, UNIT C HONOLULU. HI 96819

RESIDENTIAL

27,510 SF

39,301.00 SF LOT SIZE:

ZONING: **R-5 RESIDENTIAL**

PROPOSED USE: ALLOWABLE LOT COVERAGE

19,650 SF

(50% PER LUO):

ALLOWABLE FLOOR AREA (70% PER LUO):

1773 AKAHI STREET, UNIT A FLOOR AREA CALCULATIONS

FLOOR AREA	EXISTING	OTHER APPLICATIONS	NEW	
1769 Akahi Street	6,625 SF	N/A	N/A	
1773 Unit A Akahi Street	N/A	N/A	3,791 SF	
1773 Unit B Akahi Street	N/A	3,791 SF	N/A	
1773 Unit C Akahi Street	N/A	3,770 SF	N/A	
Total		17,977 SF < 60% SF		
Building Area	EXISTING	OTHER APPLICATIONS	NEW	
1769 Akahi Street	3,314 SF	N/A	N/A	
1773 Unit A Akahi Street	N/A	N/A	2,428 SF	
1773 Unit B Akahi Street	N/A	2,428 SF	N/A	
1773 Unit C Akahi Street	N/A	2,428 SF	N/A	
Total		10,598 SF < 50% SF		
Imprevious Surface Area	EXISTING	OTHER APPLICATIONS	NEW	
1769 Akahi Street	9,126 SF	N/A	N/A	
1773 Unit A Akahi Street	N/A	N/A	2,957 SF	
1773 Unit B Akahi Street	N/A	2,937 SF	N/A	
1773 Unit C Akahi Street	N/A	2,860 SF	N/A	
Total	17,880 SF < 75% SF			
PARKING STALLS	REQUIRED	OTHER APPLICATIONS	PROVIDED	
1769 Akahi Street	7	N/A	7	
1773 Unit A Akahi Street	4	N/A	4	
1773 Unit B Akahi Street	N/A	4	N/A	
1773 Unit C Akahi Street	N/A	4	N/A	
Total	11	8	19	

SPECIAL INSPECTION NOTES

1. CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT SPECIAL INSPECTION OF PORTIONS OF WORK, AS REQUIRED BY LOCALLY ADOPTED, CURRENT BUILDING CODE 2012, BE MADE AT APPROPRIATE TIME. CONTRACTOR SHALL GIVE TIMELY NOTICE (48 HOURS MINIMUM) OF AND WHEN AND WHERE INSPECTIONS SHALL OCCURE. CONTRACTOR SHALL CORRECT DEFECTIVE WORK AT NO ADDITIONAL COST TO OWNER AND PAY FOR RE-INSPECTION. SPECIAL INSPECTOR SHALL BE HIRED BY OWNER.

2. THE FOLLOWING STRUCTURAL WORK FOR THIS PROJECT REQUIRE SPECIAL INSPECTION;

- A. SHEATHED SHEARWALLS AND DIAPHFAMS
- B. COMPLETE LOAD PATH AND UPLIFT TIES.
- C. TERMITE PROTECTION.
- 3. SPECIAL INSPECTION IS NOT REQUIRED FOR:
- A. FOUNDACION CONCRET AND REINFORCING STEEL. FOUNDATIONS WERE DESIGNED WITH f'c = 2,500 PSI.
- B. BOLTS INSTALLED IN CONCRETE. EMEBDED BOLDS WERE
- DESIGNED WITHOUT STRESS INCREASES. C. CMU. CMU HAS BEEN DESIGNED USING ALLOWABLE STRESS DESIGNS WITHOUT SPECIAL INSPECTION
- 4. SPECIAL INSPECTIONS TO NOT RELIEVE THE CONTRACTOR OF HIS/HER RESPONSIBILITY FO COMPLETE THE PROJECT IN ACCORDANCE WITH THE DRAWINGS AND TO BE RESPONSIBLE FOR
- SAFETY ON THE JOBSITE. 5. SPECIAL INSPCTOR SHALL SUBMIT A FINAL REPORT TO BUILDING DEPARTMENT, STATING WHETHER WORK WHICH REQUIRED SPECIAL INSPECTION WAS, TO THE BEST OF THE INSPECTORS KNOWLEDGE, IN CONFORMANCE WITH THE DRAWINGS AND APPLICABLE WORKMANSHIP PROVISION OF BUILDING CODE. SUBMITTALS TO THE ARCHITECT, ENGINEER AND OWNERS ARE OPTIONAL

6. NOTIFY BUILDING INSPECTOR, SPECIAL INSPECTOR AND DESIGN PRFESSIONAL OF RECORD AT LEAST 48 HOURS PRIOR TO EACH DESIRED INSPECTION.

BOARD OF WATER SUPPLY (BWS) NOTES

1. ALL NEW PLUMBING FIXTURES SHALL BE LOW FLOW TYPE. 2. NO IRRIGATION OR AUTOMATIC FIRE SPRINKLER SYSTEM WILL BE CONNECTED TO THE WATER METER 3. PROVIDE SOLAR WATER HEATER MM #2020-0040, TWO PANELS

FLUSH MOUNTED.

ORDINANCE 20-10 NOTES

EXCEPTION:

- 1. ALL CONSTRUCTION SHALL COMPLY WITH THE REQUIREMENTS OF ORD 20-10:
- A. R403.5.5 (SOLAR WATER HEATER)
- MM: SunEarth AO Smith /SE65-6 to 2020-0040.
- B. R403,6,2 (CEILING FAN)
- C. R404.2 (SOLAR CONDUIT AND PANEL READINESS)
- D. R404.3 (ELECTRIC VEHICLE READINESS) 2. PROVIDE INSULATION AT ROOFS (MINIMUM R-13) AND WALLS (MINIMUM R-19).

IRC PROTECTION OF OPENING NOTES

R301.2.1.2 PROTECTION OF OPENINGS WINDOWS IN BUILDINGS LOCATED IN WINDBORNE DEBRIS REGIONS SHALL HAVE GLAZED OPENINGS PROTECTED FROM WINDBORNE DEBRIS. GLAZED OPENING PROTECTION FOR WINDBORNE SHALL MEET THE REQUIREMENTS OF THE LARGE MISSILE TEST OF ASTEM E 1996 AND ASTME E 1886 REFERENCED THEREIN

1. WOOD STRUCTURAL PANELS WITH A MINIMUM THICKNESS OF 7/16" (11.1 MM) AND A MAX. SPAN OF 8' (2438 MM) SHALL BE PERMITTED FOR OPENING PROTECTION IN 1 & 2 STORY BUILDINGS. PANELS SHALL BE PRECUT SO THAT THEY ARE ATTACHED TO THE FRAMING SURROUNDING THE OPENING CONTAINING THE PRODUCT WITH THE GLAZED OPENING. PANELS MUST BE PREDRILLED AS REQUIRED FOR THE ANCHORAGE METHOD AND WILL BE SECURED WITH THE ATTACHMENT HARDWARE PROVIDED AND ANCHORS PERMANENTLY INSTALLED ON THE BUILDING. ATTACHMENT IN ACCORDANCE WITH TABLE R301.2.1.2 WITH CORROSION-RESISTANT ATTACHMENT HARDWARE PROVIDED AND ANCHORS PERMANENTLY INSTALLED ON THE BUILDING IS PERMITTED FOR BUILDINGS WITH A MEAN ROOF HEIGHT OF 33' (10,058 MM) OR LESS, WHERE EFFECTIVE ULTIMATE

GLAZING IN ACCESSORY STRUCTURES TO THE SINGLE FAMILY DWELLING INCLUDE BUT NOT LIMITED TO GREENHOUSES AND MINOR STORAGE SHEDS.

DESIGN WIND SPEEDS V DO NOT EXCEED 175 MPH (78M/S).

PARTIALLY ENCLOSED OCCUPANCY R-3 BUILDINGS ARE PERMITTED TO BE DESIGNED WITHOUT WIND-BORNE DEBRIS PROTECTION. PARTIALLY INCLOSED AND OPEN OCCUPANCY R-3 BUILDINGS MUST ALSO INCLUDE A RESIDENTIAL SAFE ROOM IN ACCORDIANCE WITH ROH CHAPTER 16. ARTICLE 13.

ROH 32 (2015 IECC) Note: For all new buildings: **R403.6.2 Ceiling Fans (Mandatory)**

The construction of the residential building shall meet the requirements of R403.6.2 of the Building Energy Conservation Code (Chapter 32 of the Revised

Ordinances of Honolulu). Which includes 1. The single-family dwelling shall be provisioned with a ceiling fan for the following spaces:

a.All bedrooms b. The largest space that is not used as bedroom

Note: A whole house fan will be accepted as an alternate method to the ceiling

Exception: For production home building, ceiling fan junction boxes must be provided for bedrooms and the largest interior space that is not used as a bedroom, and ceiling fan equipment must be provided as a buyer's option. For all new buildings:

R404.2 Solar conduit and electrical panel readiness

The residential building construction documents shall include the following: •A location for inverters; metering equipment, energy storage equipment, and other associated equipment.

•A pathway for routing conduit from the solar panel location to the point of

interconnection with electrical service. Permit Condition Clause - For new dwellings

The construction of the residential building shall meet the requirements of R404.2 of the Building Energy Conservation Code (Chapter 32 of the Revised

Ordinances of Honolulu). Which includes: 1. The electrical panel for the new single-family detached dwellings, two-family detached dwellings, and duplexes must be adequately sized to accommodate

not less than a five kilowatt (AC) photovoltaic system 2.Install conduit not less than one and one-half inches to provide a pathway from the electrical panel to the inverter location to allow future installation of solar equipment

3.Install conduit not less than one and one-half inches to provide a pathway from the inverter location to the underside of the roof sufficient to allow future installation of solar equipment

Permit Condition Clause - For new dwellings with attached enclosed garages only R404.3 Electric Vehicle Readiness (If parking area and panel installed) The construction of the detach dwelling or duplex residential building shall meet the requirements of R404.3 of the Building Energy Conservation Code (Chapter 32 of the Revised Ordinances of Honolulu). Which includes:

1.In each enclosed garage, a dedicated receptacle to support a minimum Level: electric vehicle charger (208/240 VAC, single phase, 16A minimum continuous).

GRAPHIC SCALES 1/64" = 1'-0" 3/128"= 1'-0" 1 1-0" $\frac{1}{16}$ " = 1'-0" ³/₃₂" = 1'-0" $\frac{3}{16}$ " = 1'-0" ½" = 1'-0" **■ ■ ■** 3/8" = 1'-0" **□** ½" = 1'-0" 1-1/2" = 1'-0" 6" = 1'-0" 12" = 1'-0" 12" = 1'-0" 3" = 1'-0"

SHEET INDEX

001	PLOT PLAN AND NOTES
A001	SITE PLAN
A002	TOPO
A003	FLOOR PLANS
A004	FLOOR AND ROOF PLAN
A005	ELEVATIONS
A006	ELEVATIONS
A007	SECTIONS
800A	DOOR WINDOW SCHEDULES
A009	INTR ELEVATIONS
A010	INTR ELEVATIONS
A011	STAIR DETAILS
A012	DAYLIGHT AND VENTILATION CAL.
E001	ELECTRICAL PLAN
E002	ELECTRICAL PLAN
S001	NOTES
S002	FRAMING DIAGRAMS
S003	FRAMING PLAN
S004	FRAMING PLAN
S005	DETAILS
S006	DETAILS

GENERAL NOTES

1. WORK SHALL CONFORM TO THE 2018 INTERNATIONAL RESIDENTIAL CODE (IRC), WITH AMENDMENTS, AND THE HOUSING CODE OF THE CITY & COUNTY OF HONOLULU

2. CONTRACTOR TO VERIFY EXISTING CONDITIONS AND DIMENSIONS AND DIMENSIONS BEFORE PROCEEDING W/ WORK. NOTIFY OWNER OF ANY DISCREPANCIES.

3. CONTRACTOR TO COORDINATE WORK WITH THE VARIOUS DISCIPLINES, TO INSURE NO INTERFERENCE W/ STRUCTURAL ELEMENTS. DO NOT PENETRATE FOOTINGS, BEAMS, POSTS, AND OTHER STRUCTURAL ELEMENTS WITHOUT APPROVAL BY THE ARCHITECT/ENGINEER.

4. ALL DIMENSIONS ARE TO FACE OF FINISH UNLESS OTHERWISE

5. DESIGN CRITERIA: 2018 IRC W/ LOCAL AMENDMENTS

A. FLOOR: 40 PSF LIVE LOAD

B. ROOF: 16 PSF LIVE LOAD 6. PRESSURE TREAT FRAMING, LUMBER, SHEATHING, ROUGH

BLOCKING & NAILERS. FIELD TREAT CUTS.

7. ELECTRICAL WORK SHALL CONFORM TO THE ELECTRICAL CODE OF THE CITY & COUNTY OF HONOLULU. PLUMBING WORK SHALL CONFORM TO THE PLUMBING CODE OF THE

CITY & COUNTRY OF HONOLULU. 8. TERMITE TREAT BELOW SLAB WITH ENVIRONMENTAL PROTECTION AGENCY & LOCALLY APPROVED TOXICANT BY A LICENSED

APPLICATOR IN THE STATE OF HAWAII. PROVIDE THREE YEAR WARRANTY.

RESIDENTIAL STORM WATER MANAGEMENT NOTES FOR SINGLE-FAMILY DWELLINGS

1. USE SITE DESIGN STRATEGIES TO REDUCE THE IMPERVIOUS SURFACE AREAS TO THE MAXIMUM EXTENT PRACTICAL. THE TOTAL IMPERVIOUS SURFACE AREA FOR THE LOT MAY NOT EXCEED 75%, PER LUO SECTION 21-3.70.1(G).

2. TOTAL IMPERVIOUS AREA = (SEE G1 FORM)

PUBLIC HEALTH, SAFETY, AND CONVENIENCE **NOTES:**

1. THE CONTRACTOR SHALL OBSERVE AND COMPLY WITH ALL FEDERAL, STATE, AND LOCAL LAWS REQUIRED FOR THE PROTECTION OF THE PUBLIC HEALTH AND SAFETY AND

ENVIRONMENTAL QUALITY. 2. THE CONTRACTOR, AT HIS OWN EXPENSE SHALL KEEP THE PROJECT AND ITS SURROUNDING AREAS FREE FROM DUST NUISANCE. THE WORK SHALL BE IN CONFORMANCE WITH THE AIR

POLLUTION CONTROL STANDARDS AND REGULATIONS OF THE STATE DEPARTMENT OF HEALTH. 3. NO CONTRACTOR SHALL PERFORM ANY CONSTRUCTION ACTIVITY SO

AS TOCAUSE FALLING ROCK, SOIL OR DEBRIS IN ANY FORM TO FALL, SLIDE OR FLOW ONTO ADJOINING PROPERTIES, STREETS OR NATURAL WATERCOURSES. SHOULD SUCH VIOLATIONS OCCUR, THE

CONTRACTOR SHALL IMMEDIATELY MAKE ALL REMEDIAL **ACTIONS NECESSARY.** 4. THE CONTRACTOR SHALL PROVIDE, INSTALL AND MAINTAIN ALL

NECESSARY SIGNS, LIGHTS, FLARES, BARRICADES, MARKERS, CONES AND OTHER PROTECTIVE FACILITIES AND SHALL TAKE ALL NECESSARY

PRECAUTIONS FOR THE PROTECTION CONVENIENCE AND SAFETY OF THE PUBLIC. THE CONTRACTOR SHALL APPLY FOR A CONSTRUCTION PERMIT WITH A NOISE POLLUTION CONTROL

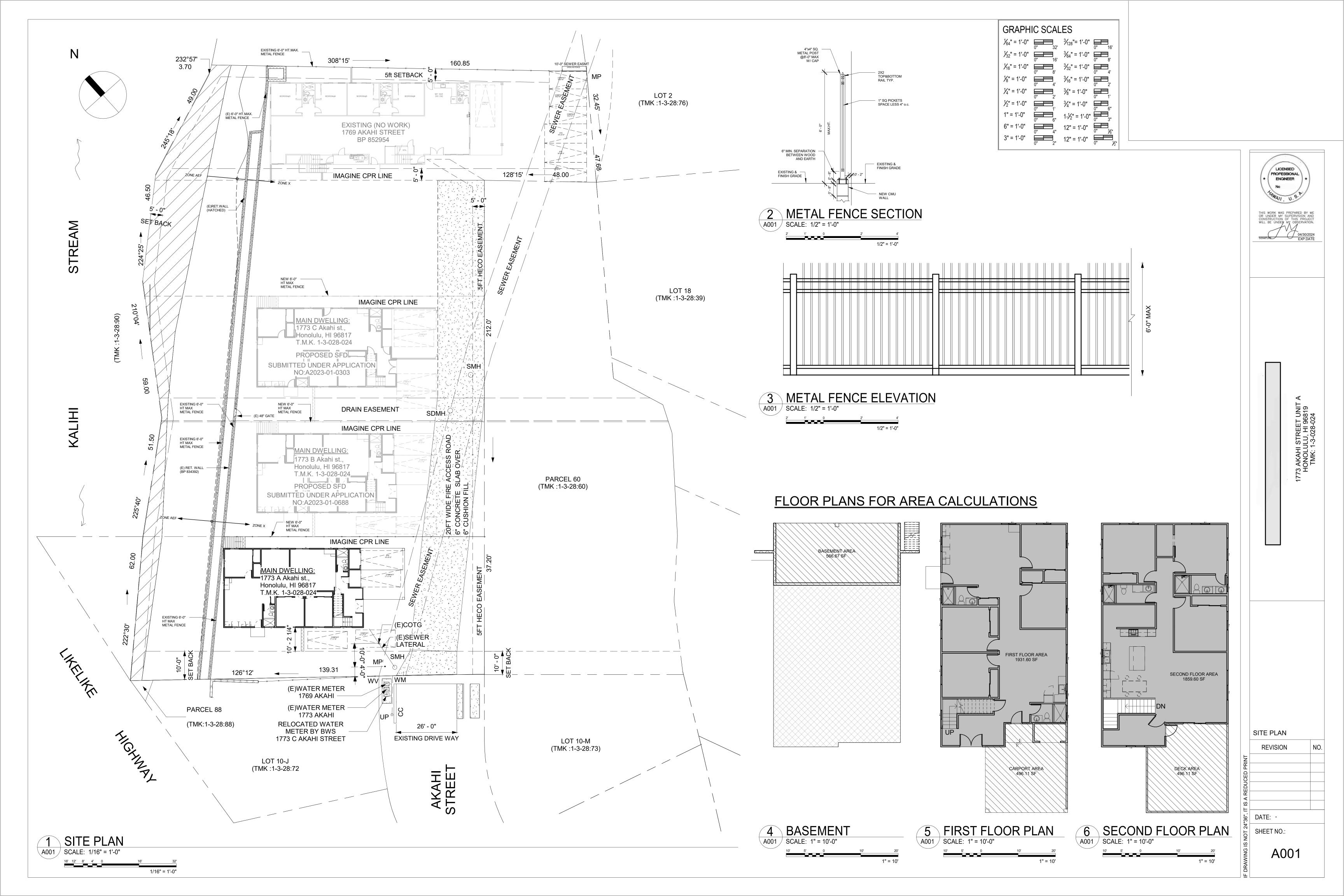


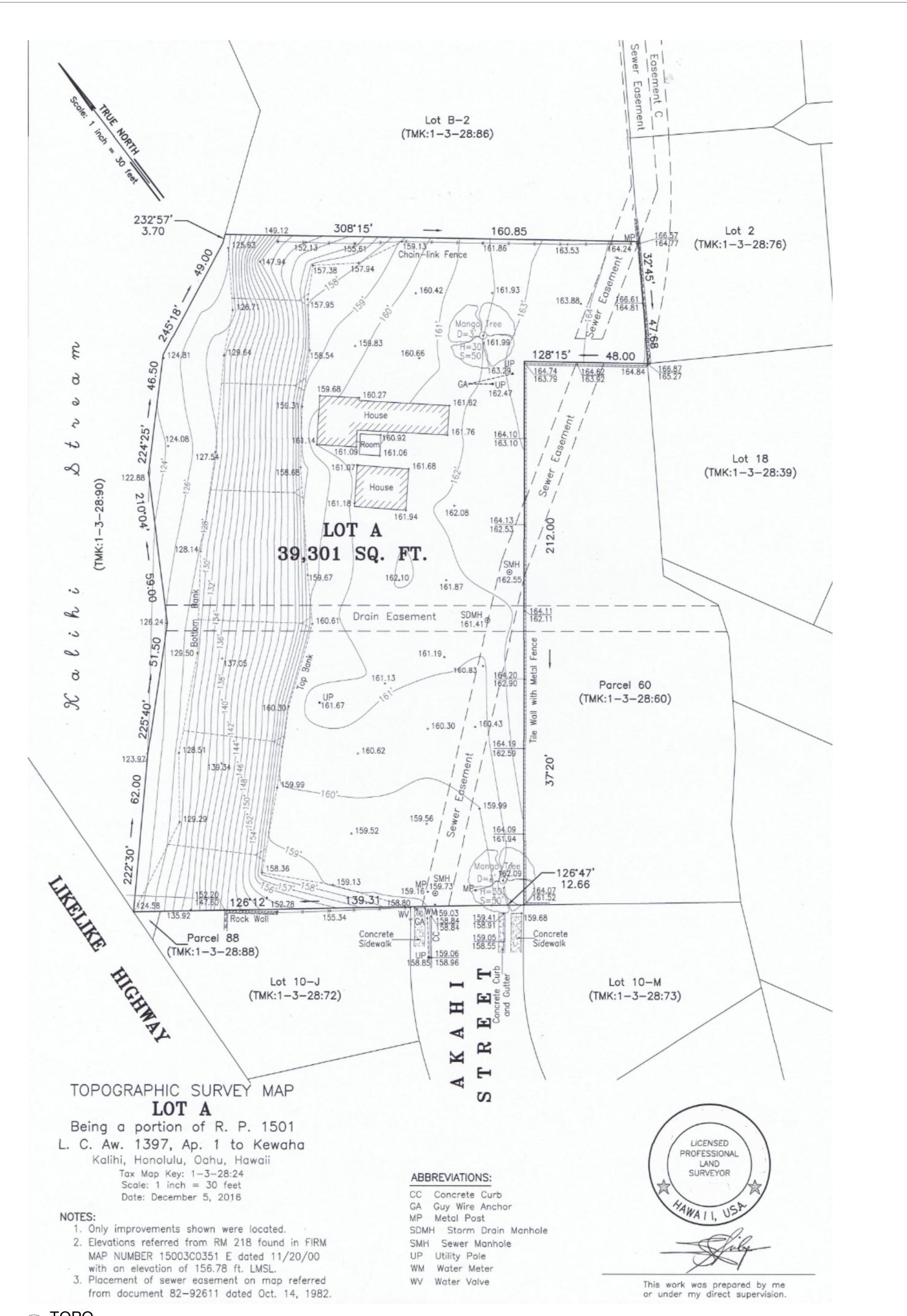
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PLOT PLAN AND NOTES

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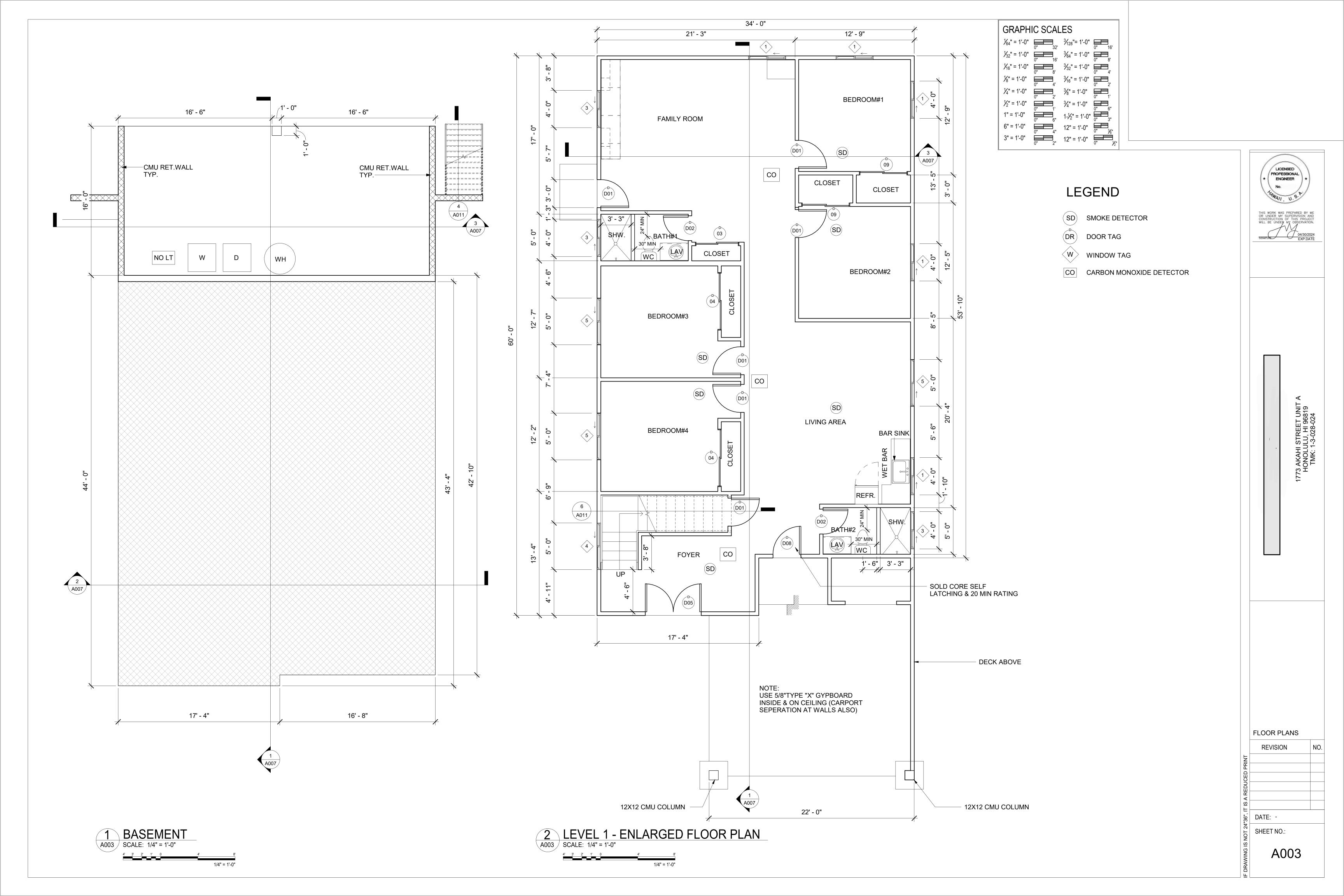
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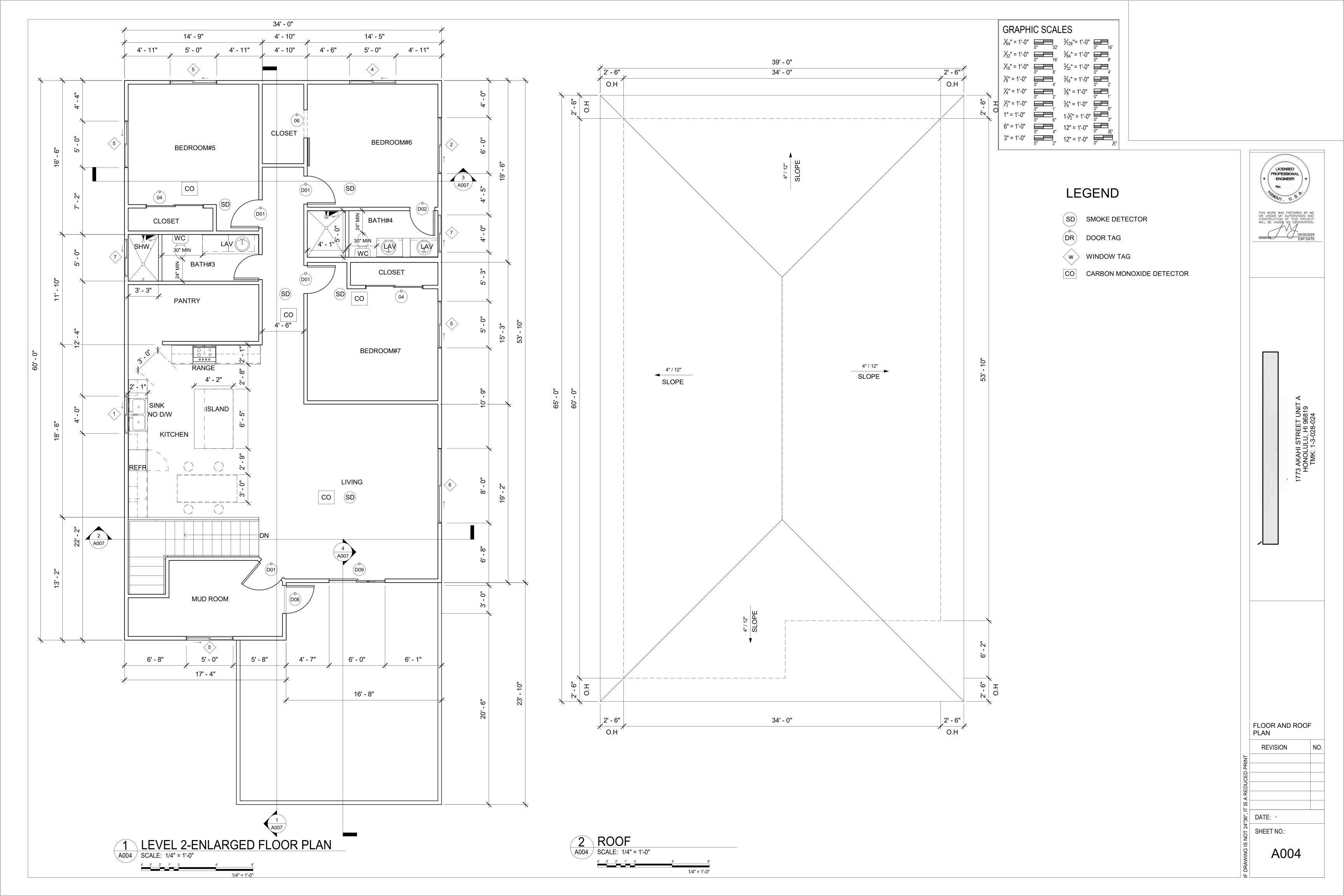
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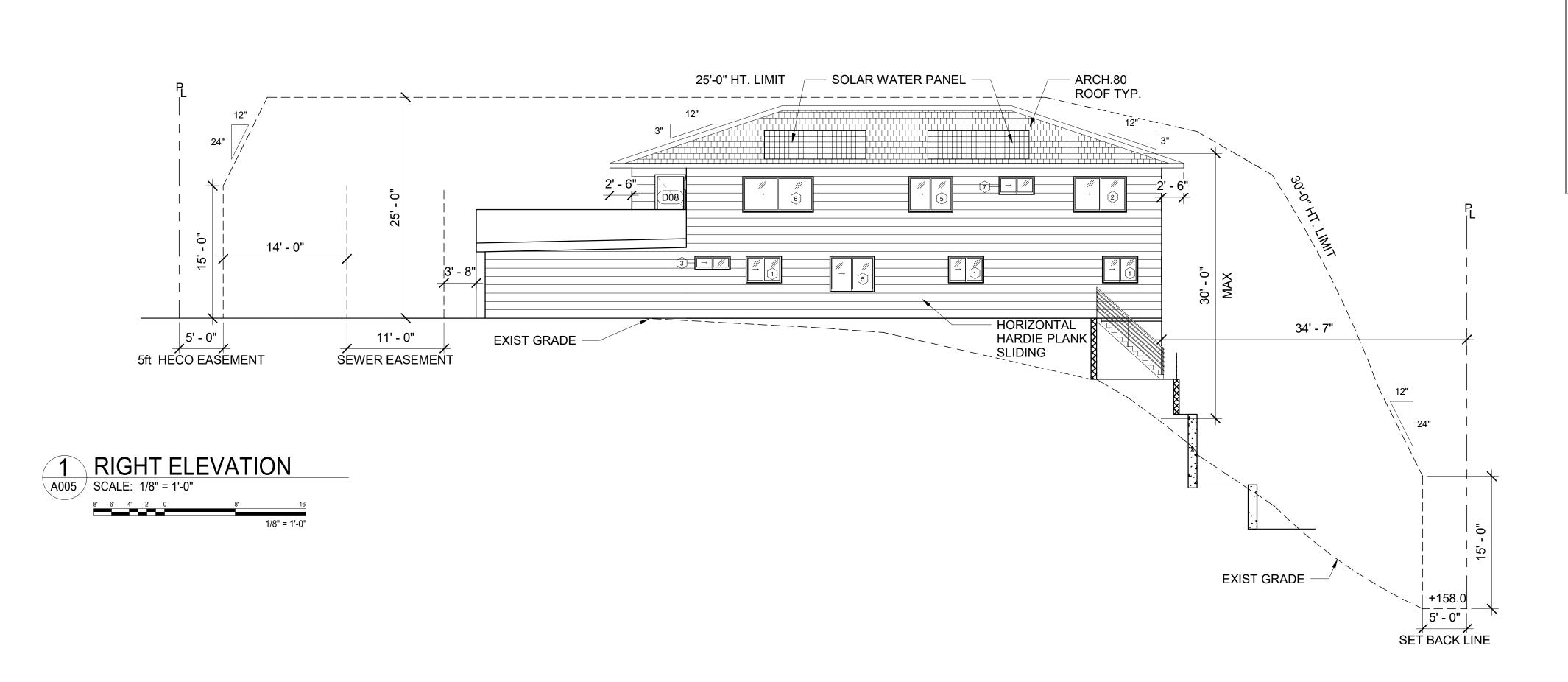
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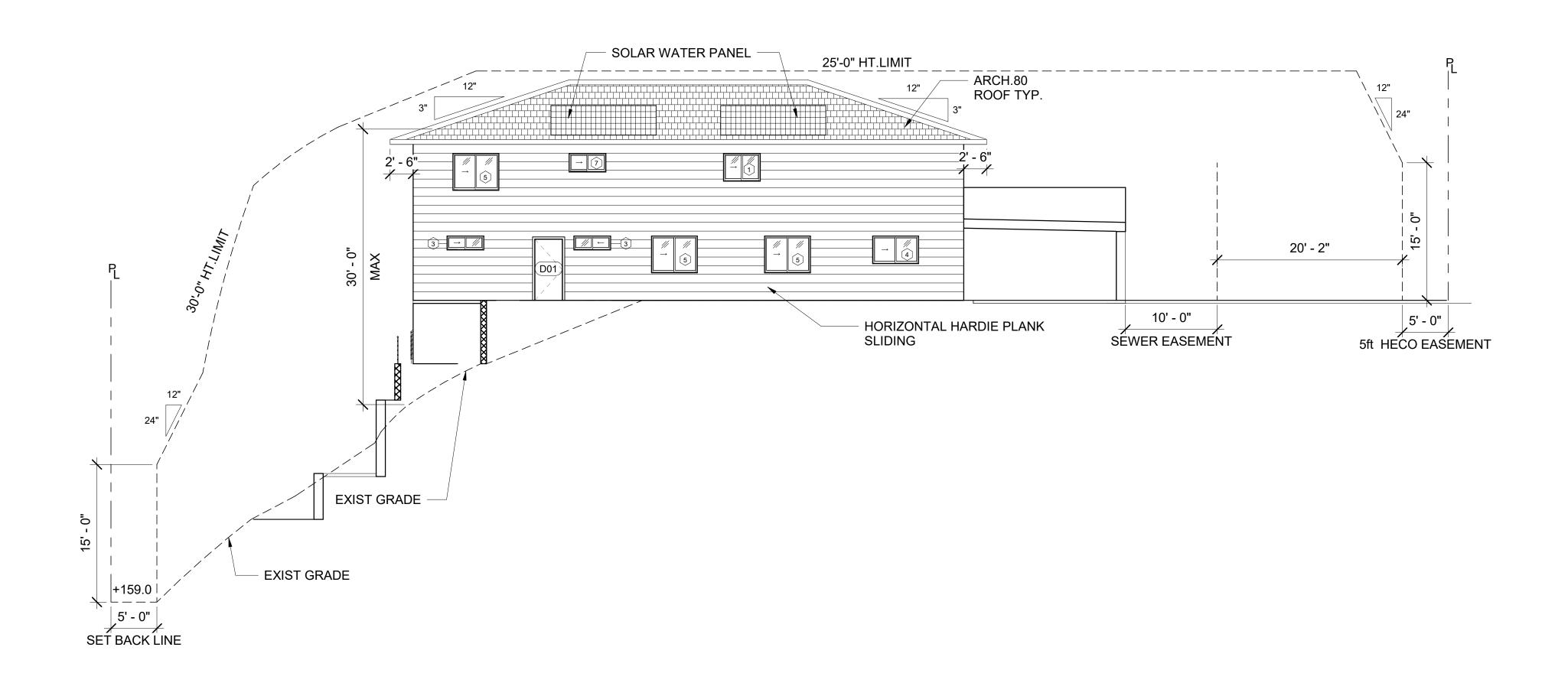
A002

1 TOPO 1 1/2" = 1'-0"

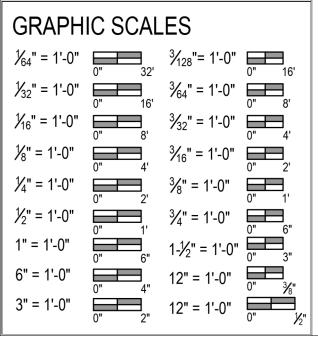


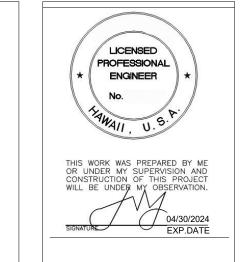






2 LEFT ELEVATION
A005 SCALE: 1/8" = 1'-0"

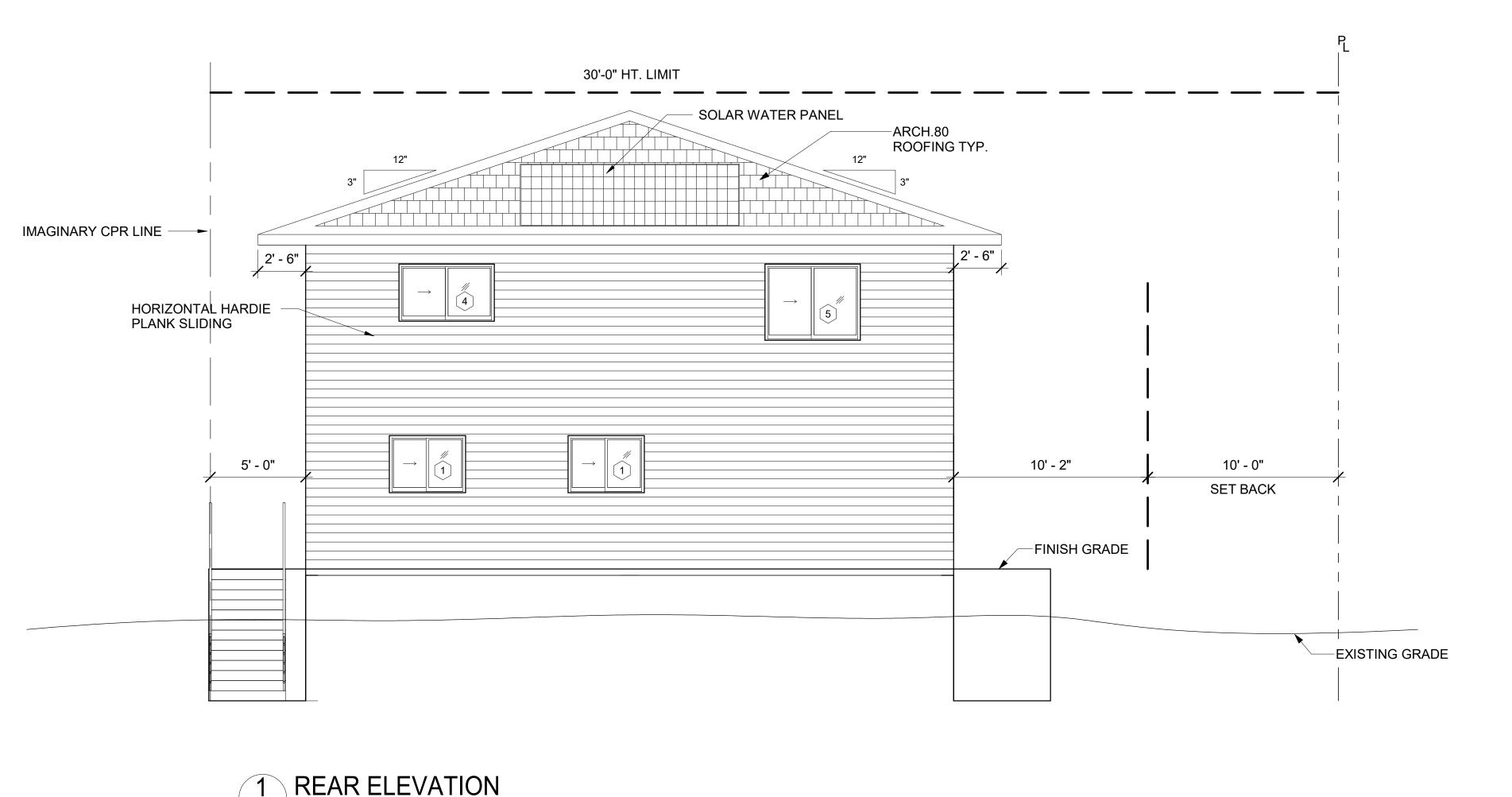


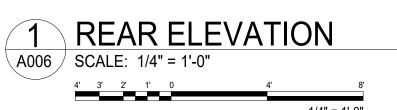


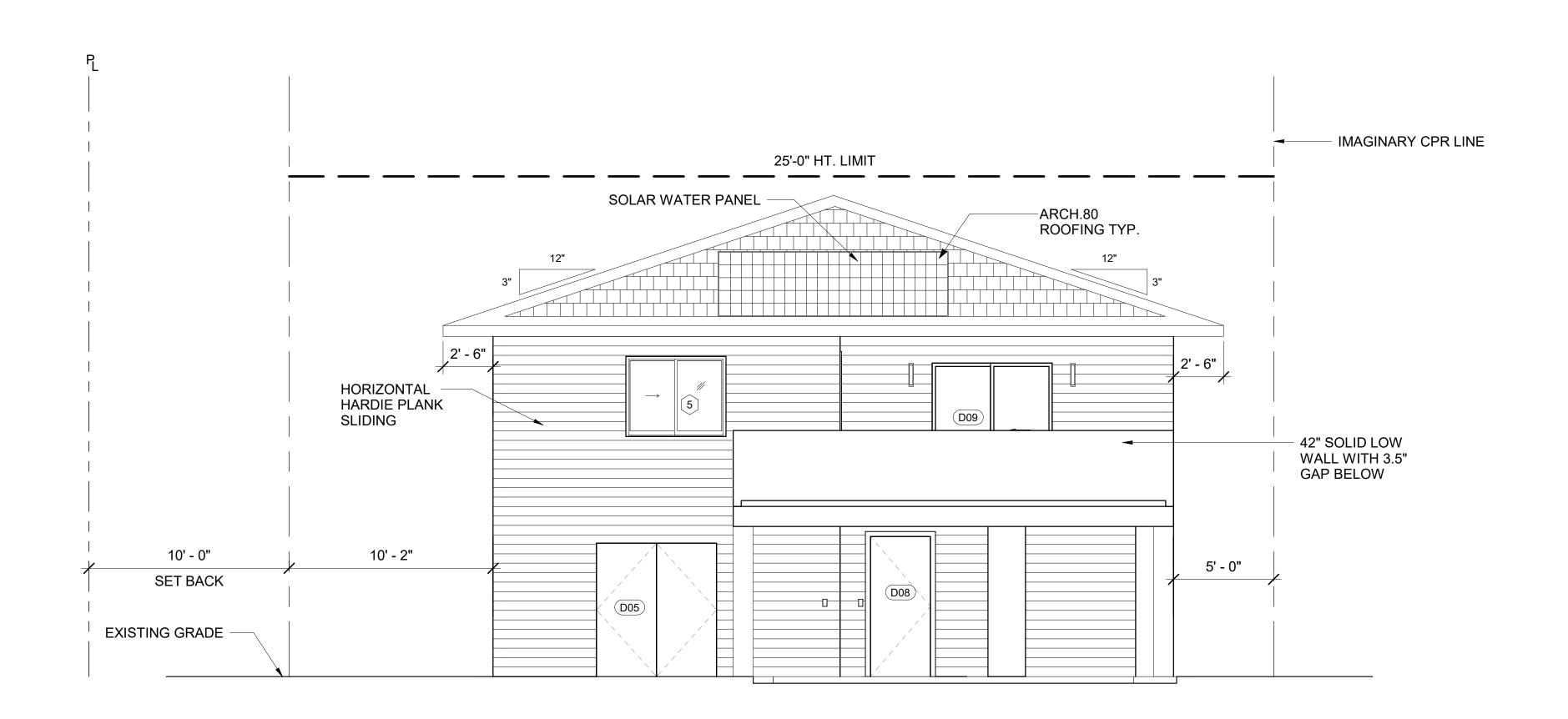


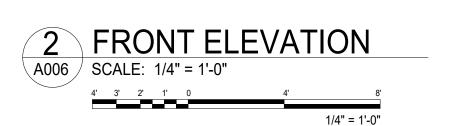
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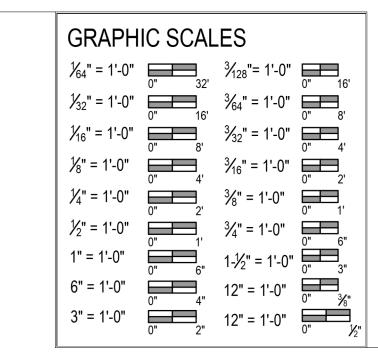
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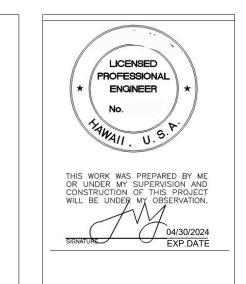












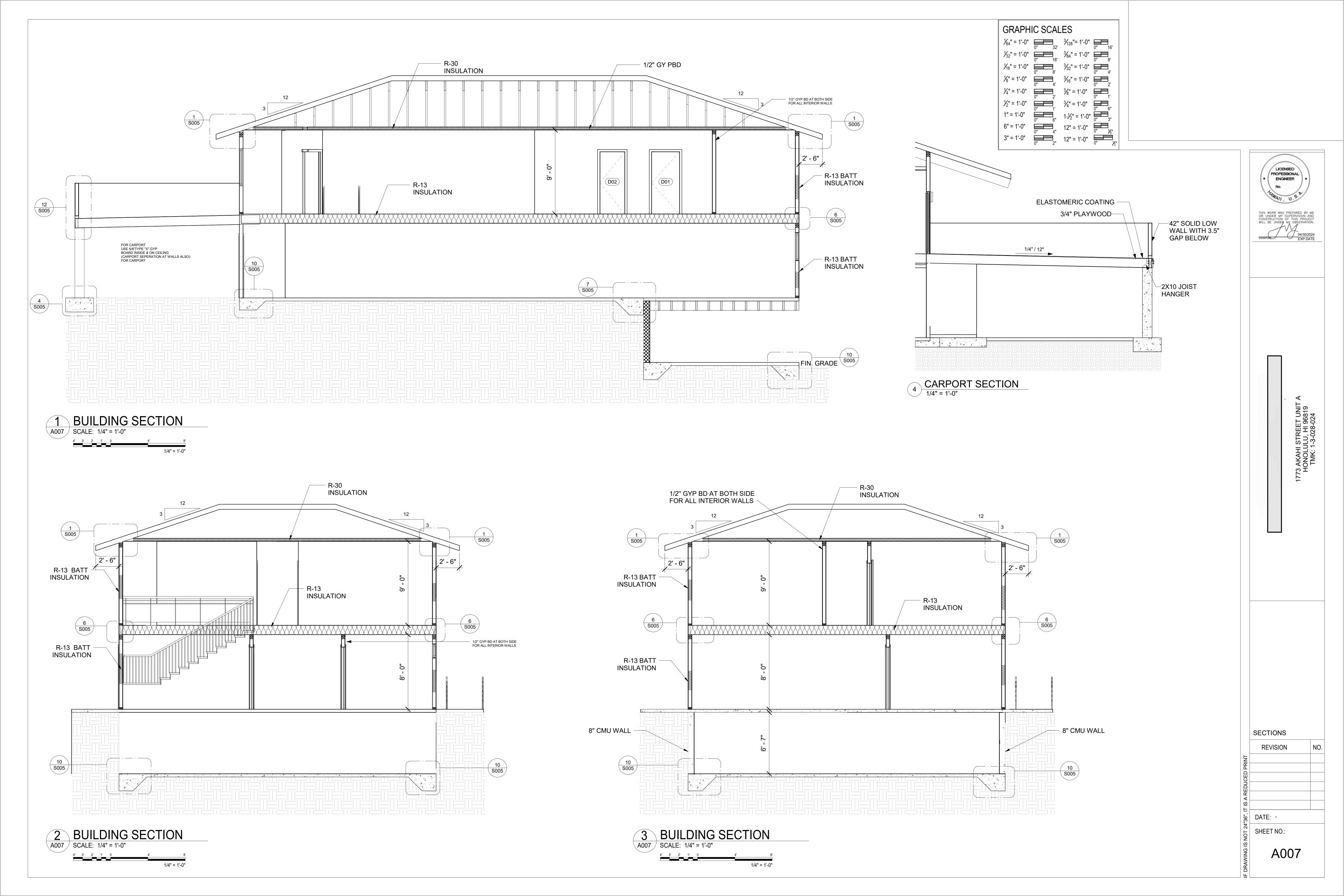
1773 AKAHI STREET UNIT A HONOLULU, HI 96819 TMK: 1-3-028-024

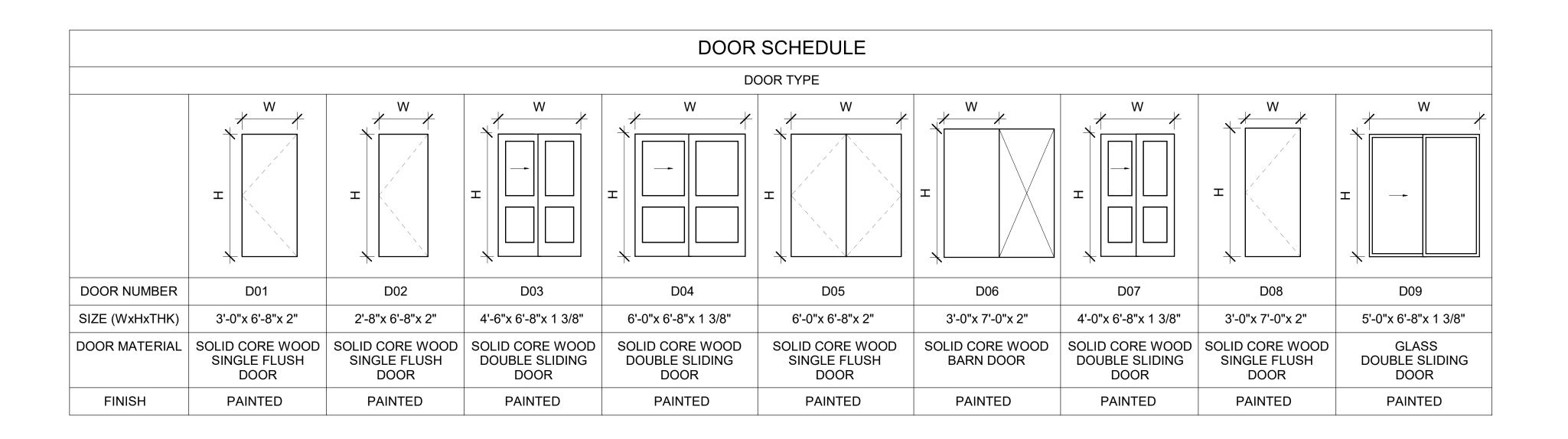
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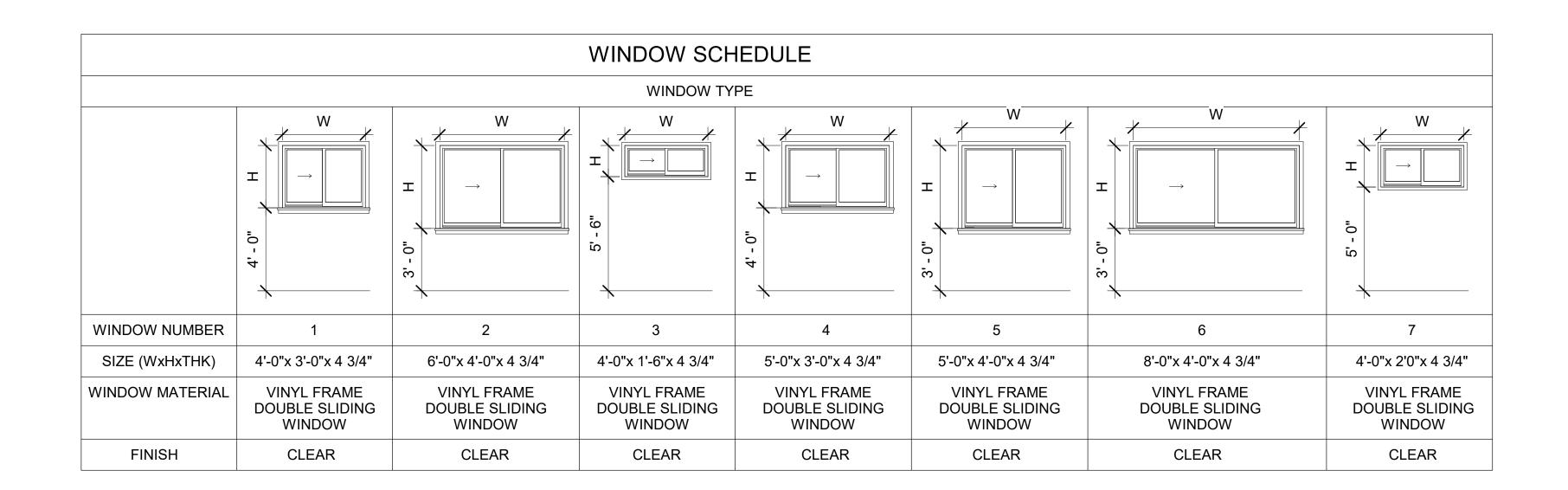
REVISION

A

DATE: -









THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

04/30/2024
EXP.DATE

NOTES**:
PROVIDE EMERGENCY EXIT @BEDROOM
WINDOW OPENING
20" MIN. WIDTH
24" MIN. HEIGHT
5.7 SQ. FT MIN. OPENING
44" MAX. SILL HT.
WHEN WINDOW IN OPEN POSITION

NOTES**: DOOR AND WINDOW ALL WINDOWS IN HAZARDOUS LOCATING TO BE SAFETY GLASS

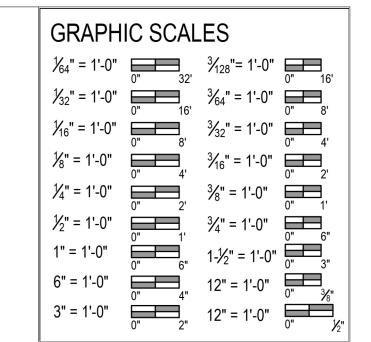
ALL GLAZING IN DOORS AND IN HAZARDOUS AREAS TO BE SAFETY GLASS

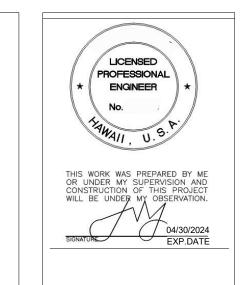
DOOR WINDOW SCHEDULES	
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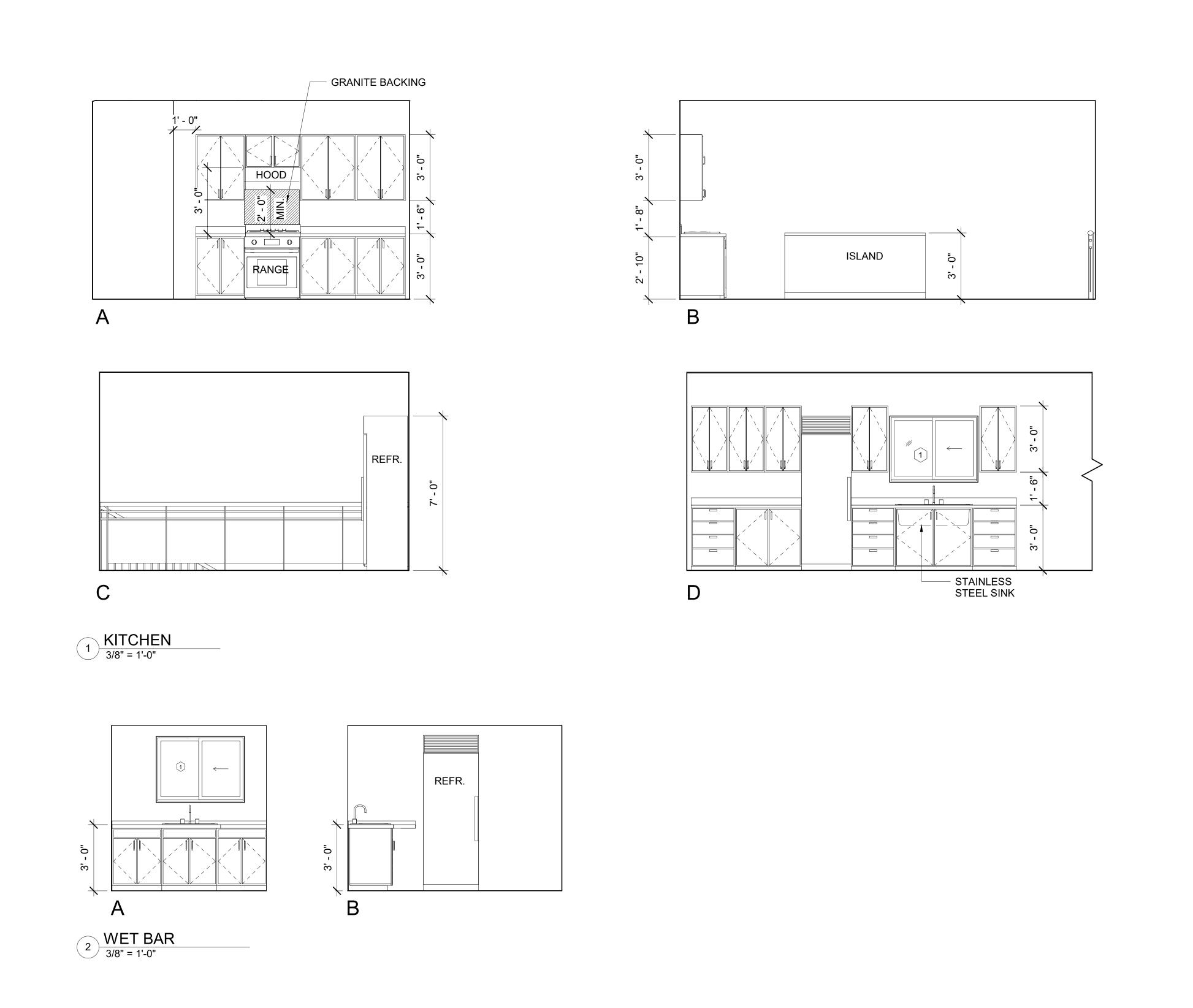


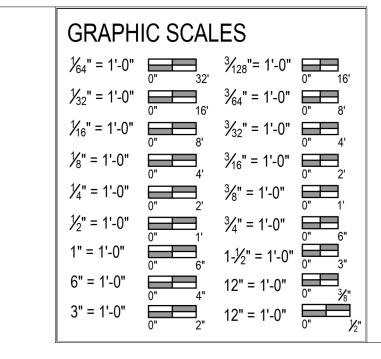


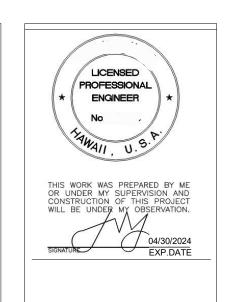




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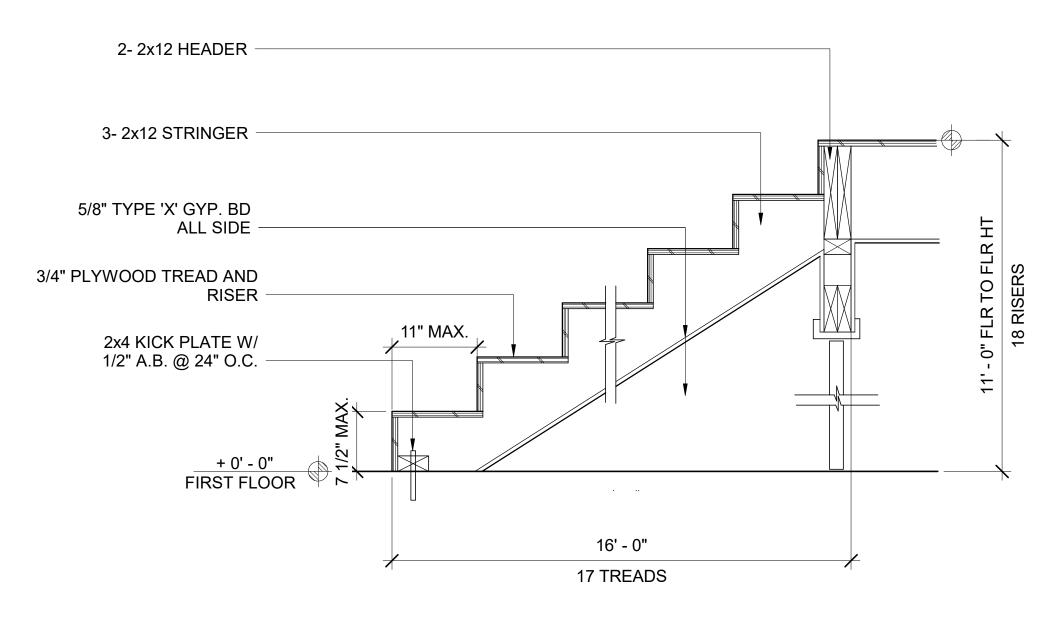


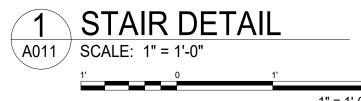


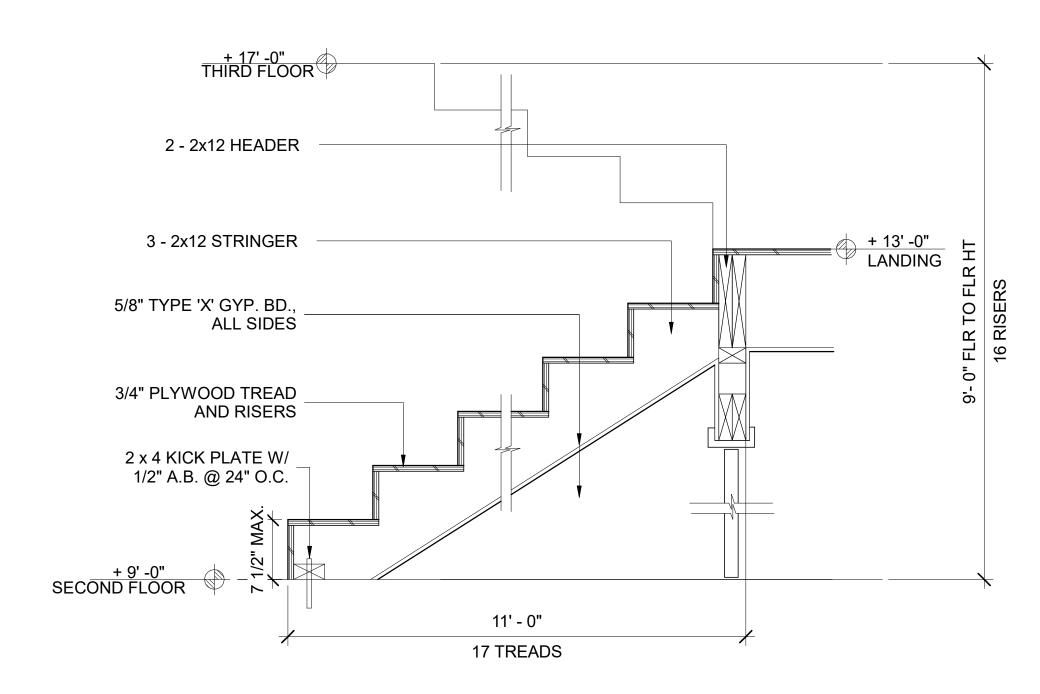


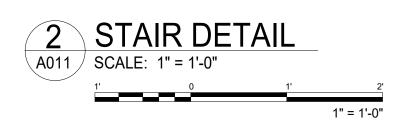
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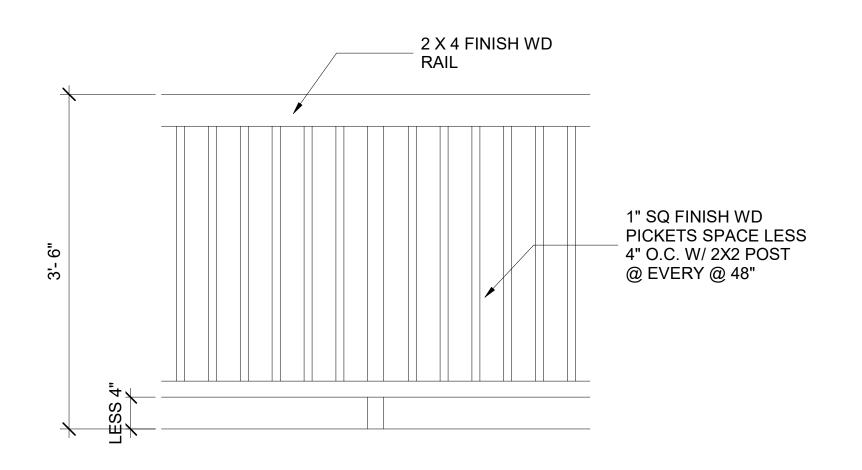
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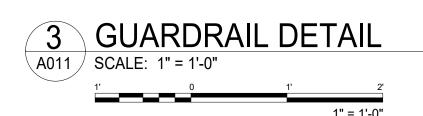


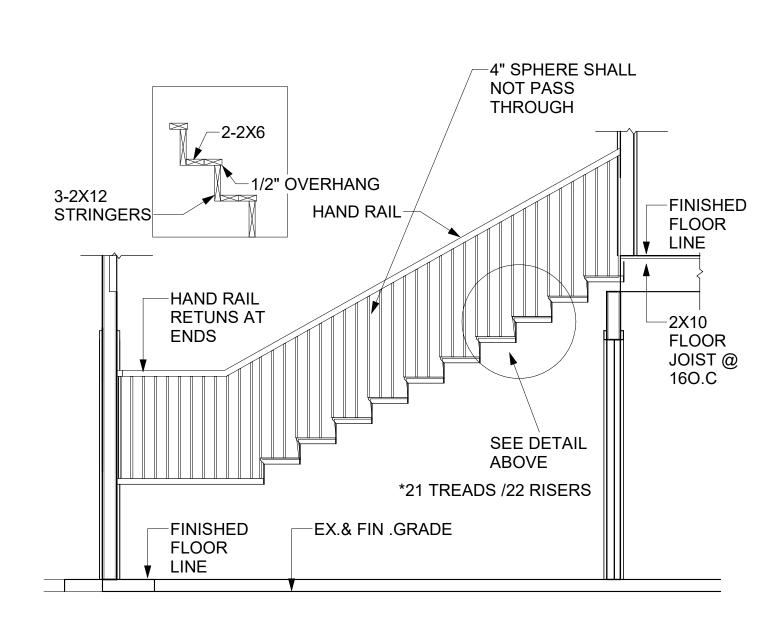




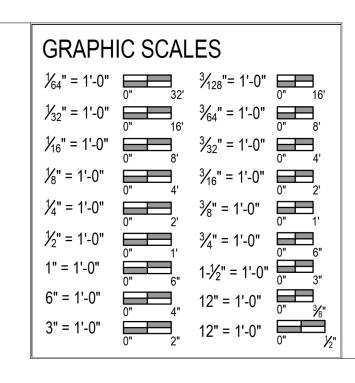


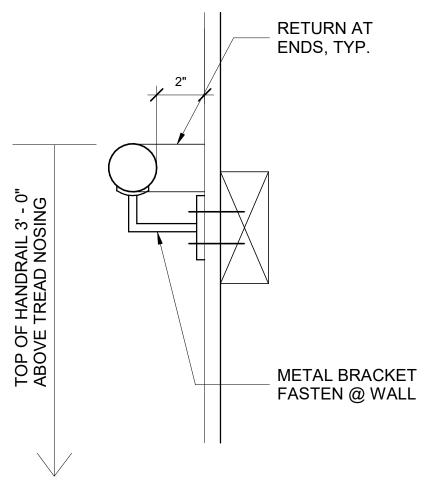


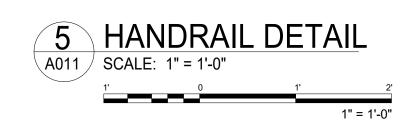












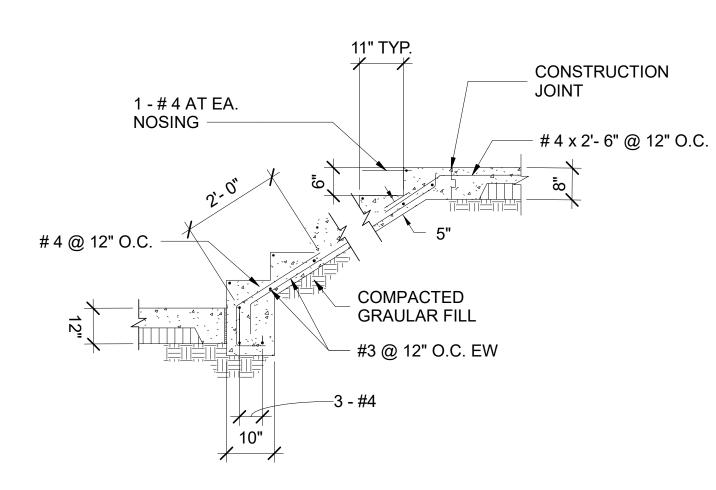
STAIR DETAIL NOTE:

** STAIR DETAIL: STAIRWAY ILLUMINATION - STAIRWAYS NEED TO BE ILLUMINATED (R303. 7)

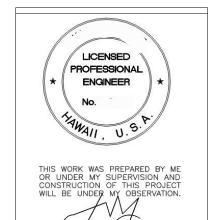
- LANDINGS AT STRAIRWAYS (REQUIRED AT TOP AND BOTTOM OF STAIRS 3'-0" IN DIRECTION OF TRAVEL,

BUT NOT REQUIRED AT TOP OF INTERIOR STAIRS PROVIDED DOOR DOES NOT SWING OVER STAIRS (R311.7.6)
- HEADROOM CLEARANCE (61-811 MIN R311.7.2) R311.5.2

- GUARDRAILS OPENINGS SHALL NOT ALLOW PASSAGE OF A 4" SPHERE







1773 AKAHI STREET UNIT A HONOLULU, HI 96819 TMK: 1-3-028-024

STAIR DETAILS

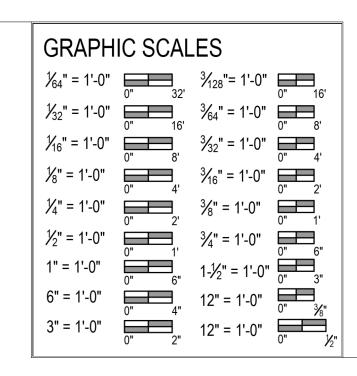
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DAYLIGHT AND VENTILATION CALCULATIONS

BUILDING AREA

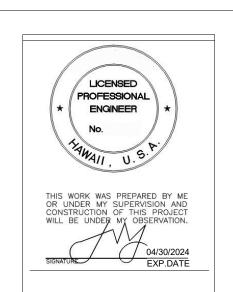
LEVEL 1 WETBAR AREA ROOM AREA DAY LIGHT REQUIRED VENTILATION REQUIRED DAY LIGHT PROVIDED VENTILATION	=375.08SF =37.50SF =18.75SF =18SF =9SF	LEVEL 1 LIVING AREA ROOM AREA DAY LIGHT REQUIRED VENTILATION REQUIRED DAY LIGHT PROVIDED VENTILATION	=348.49SF =34.84SF =17.42SF =74SF =37SF	LEVEL 2 KITCHEN ROOM AREA DAY LIGHT REQUIRED VENTILATION REQUIRED DAY LIGHT PROVIDED VENTILATION	=267.15SF =26.71SF =13.35SF =12SF =6SF
LEVEL 1 BED ROOM#1 ROOM AREA DAY LIGHT REQUIRED VENTILATION REQUIRED DAY LIGHT PROVIDED VENTILATION	=144.00SF =14.4SF =7.2SF =24SF =12SF	LEVEL 1 FOYRE ROOM AREA DAY LIGHT REQUIRED VENTILATION REQUIRED DAY LIGHT PROVIDED VENTILATION	=154.00SF =15.4SF =7.7SF =40.66SF =20.33SF	LEVEL 2 BED ROOM#5 ROOM AREA DAY LIGHT REQUIRED VENTILATION REQUIRED DAY LIGHT PROVIDED VENTILATION	=193.56SF =19.35SF =9.67SF =40SF =20SF
LEVEL 1 BED ROOM#2 ROOM AREA DAY LIGHT REQUIRED VENTILATION REQUIRED DAY LIGHT PROVIDED VENTILATION	=144.00SF =14.4SF =7.2SF =12SF =6SF	LEVEL 1 BATH#1 ROOM AREA DAY LIGHT REQUIRED VENTILATION REQUIRED DAY LIGHT PROVIDED VENTILATION	=46.88SF =4.68SF =2.34SF =6SF =3SF	LEVEL 2 BED ROOM#6 ROOM AREA DAY LIGHT REQUIRED VENTILATION REQUIRED DAY LIGHT PROVIDED VENTILATION	=184.63SF =18.46SF =9.23SF =39SF =19.5SF
LEVEL 1 BED ROOM#3 ROOM AREA DAY LIGHT REQUIRED VENTILATION REQUIRED DAY LIGHT PROVIDED VENTILATION	=160.23SF =16.023SF =8.011SF =20SF =10SF	LEVEL 1 BATH#2 ROOM AREA DAY LIGHT REQUIRED VENTILATION REQUIRED DAY LIGHT PROVIDED VENTILATION	=46.82SF =4.68SF =2.34SF =6SF =3SF	LEVEL 2 BED ROOM#7 ROOM AREA DAY LIGHT REQUIRED VENTILATION REQUIRED DAY LIGHT PROVIDED VENTILATION	=180.04SF =18.00SF =9.23SF =39SF =19.5SF
LEVEL 1 BED ROOM#4 ROOM AREA DAY LIGHT REQUIRED VENTILATION REQUIRED DAY LIGHT PROVIDED VENTILATION	=157.88SF =15.78SF =7.89SF =20SF =10SF	LEVEL 2 WETBAR AREA ROOM AREA DAY LIGHT REQUIRED VENTILATION REQUIRED DAY LIGHT PROVIDED VENTILATION	=267.15SF =26.71SF =13.35SF =12SF =6SF	LEVEL 2 LIVING AREA ROOM AREA DAY LIGHT REQUIRED VENTILATION REQUIRED DAY LIGHT PROVIDED VENTILATION	=356.45SF =35.64SF =17.82SF =72SF =36SF



_EVEL 2	
MUD ROOM_	
ROOM AREA	=103.45SF
DAY LIGHT REQUIRED	=10.34SF
VENTILATION REQUIRED	=5.17SF
DAY LIGHT PROVIDED	=41SF
/ENTILATION	=20.5SF

LEVEL 2	
BATH#3	
ROOM AREA	=68.55SF
DAY LIGHT REQUIRED	=6.85SF
VENTILATION REQUIRED	=3.42SF
DAY LIGHT PROVIDED	=8SF
VENTILATION	=4SF

_EVEL 2	
BATH#4	
ROOM AREA	=69.84SF
DAY LIGHT REQUIRED	=6.89SF
/ENTILATION REQUIRED	=3.44SF
DAY LIGHT PROVIDED	=8SF
/ENTILATION	=4SF

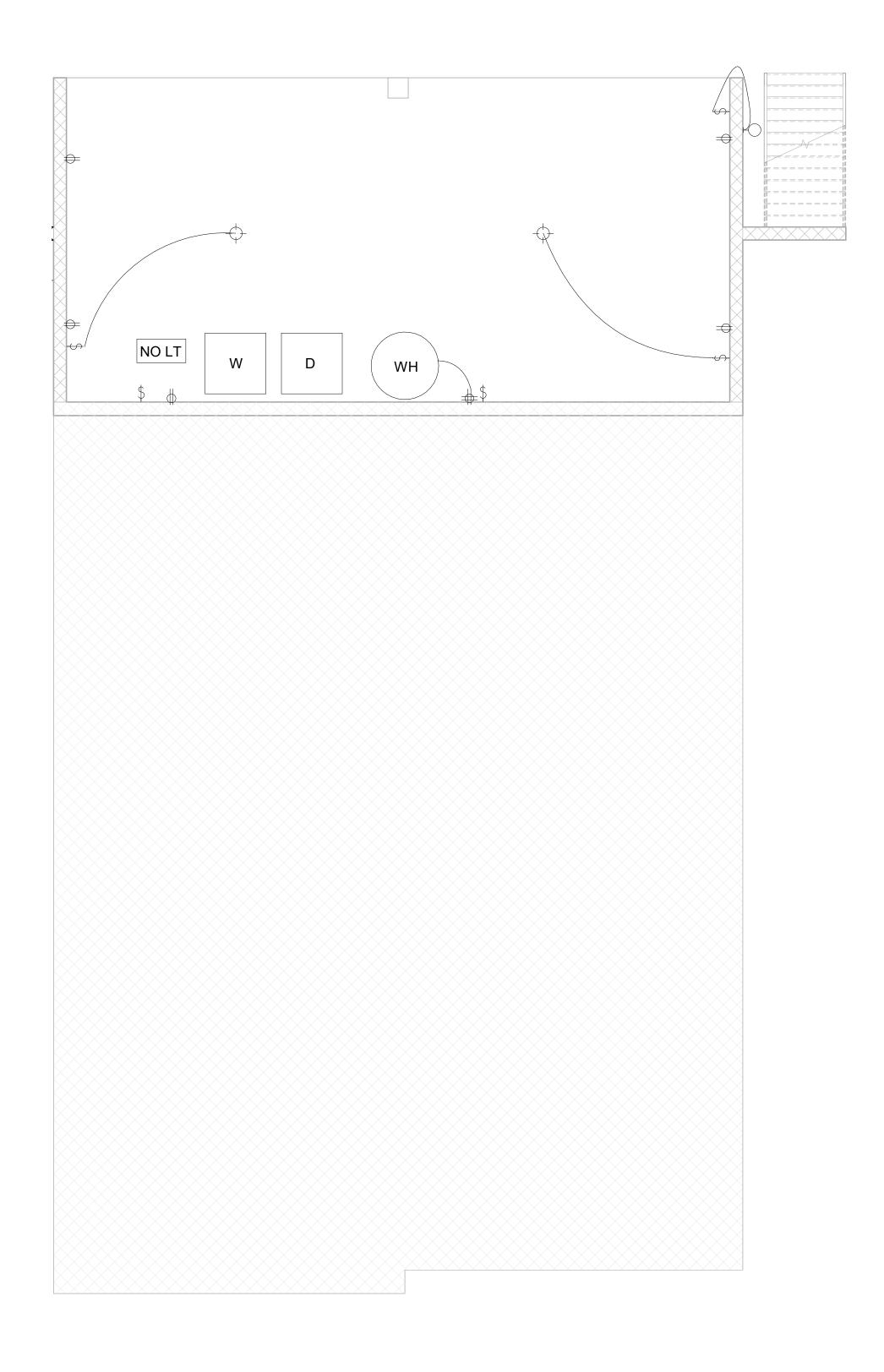


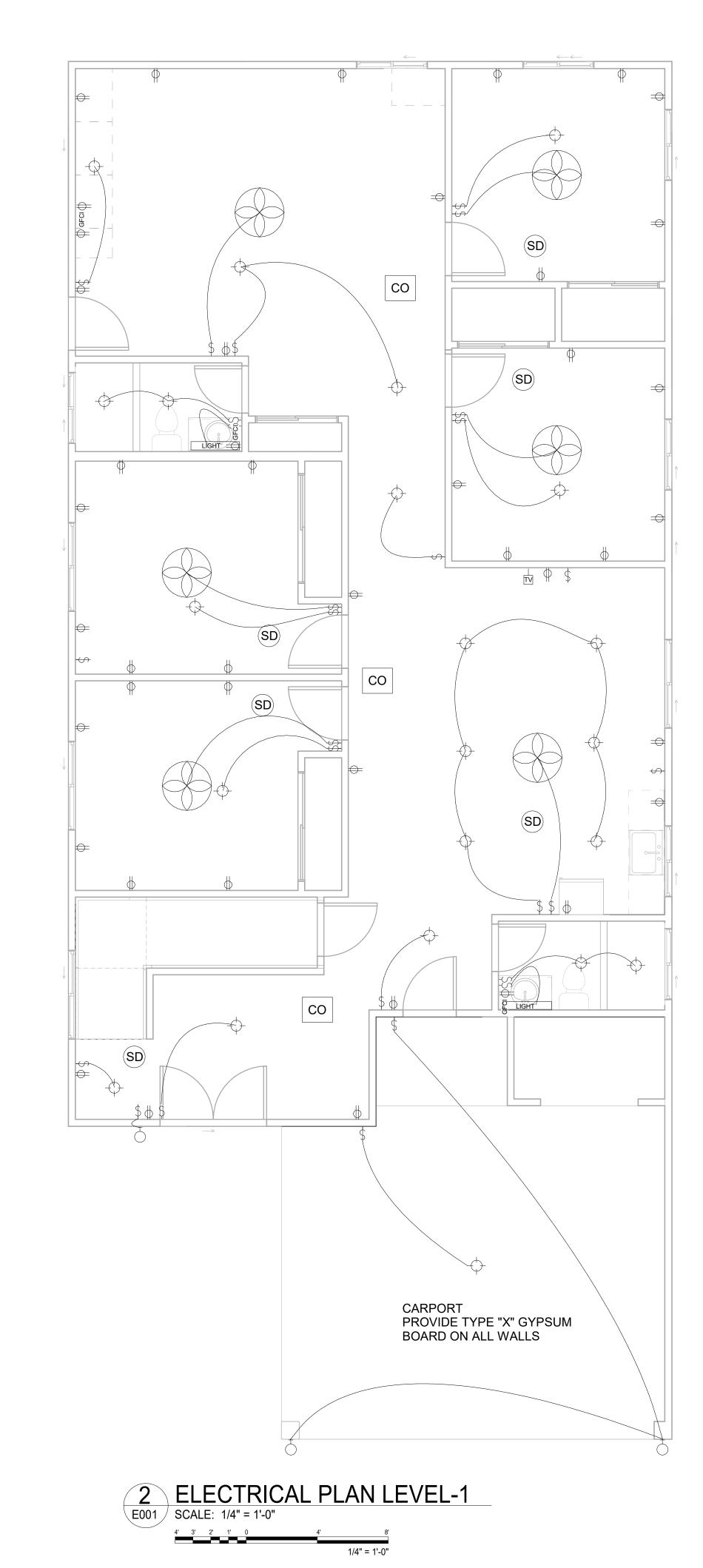
1773 AKAHI STREET UNIT A HONOLULU, HI 96819 TMK: 1-3-028-024

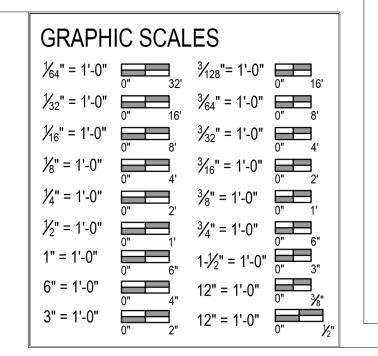
DAYLIGHT AND VENTILATION CAL.

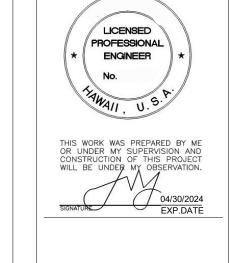
REVISION NO

SHEET NO.:









MBOL	DESCRIPTION	SPECIFCTIONS
-0) -	SINGLE POLE SWITCH	DECOR/ROCKER/WHITE
TV	CABLE TV JACK	COAXIAL CABLE/RG11/TYPE[F] THREADED JACK
$\overline{\diamondsuit}$	SURFACE MOUNT LIGHT FIXTURE	TO BE SPECIFIED PER LOCATION
(FLOURESCENT LIGHT FIXTURE	METALUX/2 LAMP/RAPID START ELEC. BALLAST
**	CEILING FAN WITH LIGHT	TO BE SPECIFIED
SD	SOMKE DETECTOR	U.L.APPROVED W/ BATTERY BACK UP, INTERCONNECTED PER 2006 IRC
8	FLOOD LIGHT	OPTIONAL MOTION SENSOR
\$	SWITHED OUTLET (DISPOSAL)	110v
⊕ GFI	GROUND FAULT INTERUPT OUTLET(2)	110v
Н	TELEPHONE JACK	(1 LINE) CATEGORY 5e WIRE/110 KEYSTONE JACK/RJ12
Ф	WALL MOUNT LIGHT FIXTURE	TO BE SPECIFIED WEATHER PROOR, 60 watts MAX.
#	QUADRUPLEX OUTLET FOR WH	

2018 IRC SECTION R314/SD

SMOKE DETECTOR

2018 IRC SECTION R314/ SMOKE ALARMS THE ALARM DEVICES SHALL BE INTERCONNECTED IN SUCH A MANNER THAT THE ACTUATION IF ONE ALARM WILL ACTIVATE ALL OF THE ALARMS IN THE INDIVIDUAL UNIT. THE ALARM SHALL BE CLEARLY AUDIBLE IN ALL BEDROOMS OVER BACKGROUND NOISE W/ ALL INTERVENING DOORS CLOSED

EXCEPTIONS:

SMOKE ALARMS IN EXISTING AREAS NOT REQ'D TO BE INTERCONNECTED OR HARDWIRED WHERE THE ALTERATIONS OR REPAIRS DON'T RESULT IN INTERIOR WALL OR CEILING REMOVAL.

CARBON MONOXIDE

R315.1CARBON MONOXIDE ALARMS. FOR NEW CONSTRUCTION, AN APPROVED CARBON MONOXIDE ALARM SHALL BE INSTALLED OUTSIDE OF EACH SEPARATE SLEEPING AREA IN THE IMMEDIATE VICINITY OF THE BEDROOMS IN DWELLING UNITS WITHIN WHICH FUEL-FIRED APPLIANCES ARE INSTALLED AND IN DWELLING UNITS THAT HAVE ATTACHED GARAGES.

R315.3 WHERE REQUIRED IN EXISTING DWELLINGS. WHERE WORK REQUIRING A PERMIT OCCURS IN EXISTING DWELLINGS THAT HAVE ATTACHED GARAGES OR IN EXISTING DWELLINGS WITHIN WHICH FUEL-FIRED APPLIANCES EXIST, CARBON MONOXIDE ALARMS SHALL BE PROVIDED IN ACCORDANCE WITH SECTION R315.1.

ELECTRICAL PLAN

REVISION

NO

STATE OF THE PLAN

REVISION

SHEET NO.:

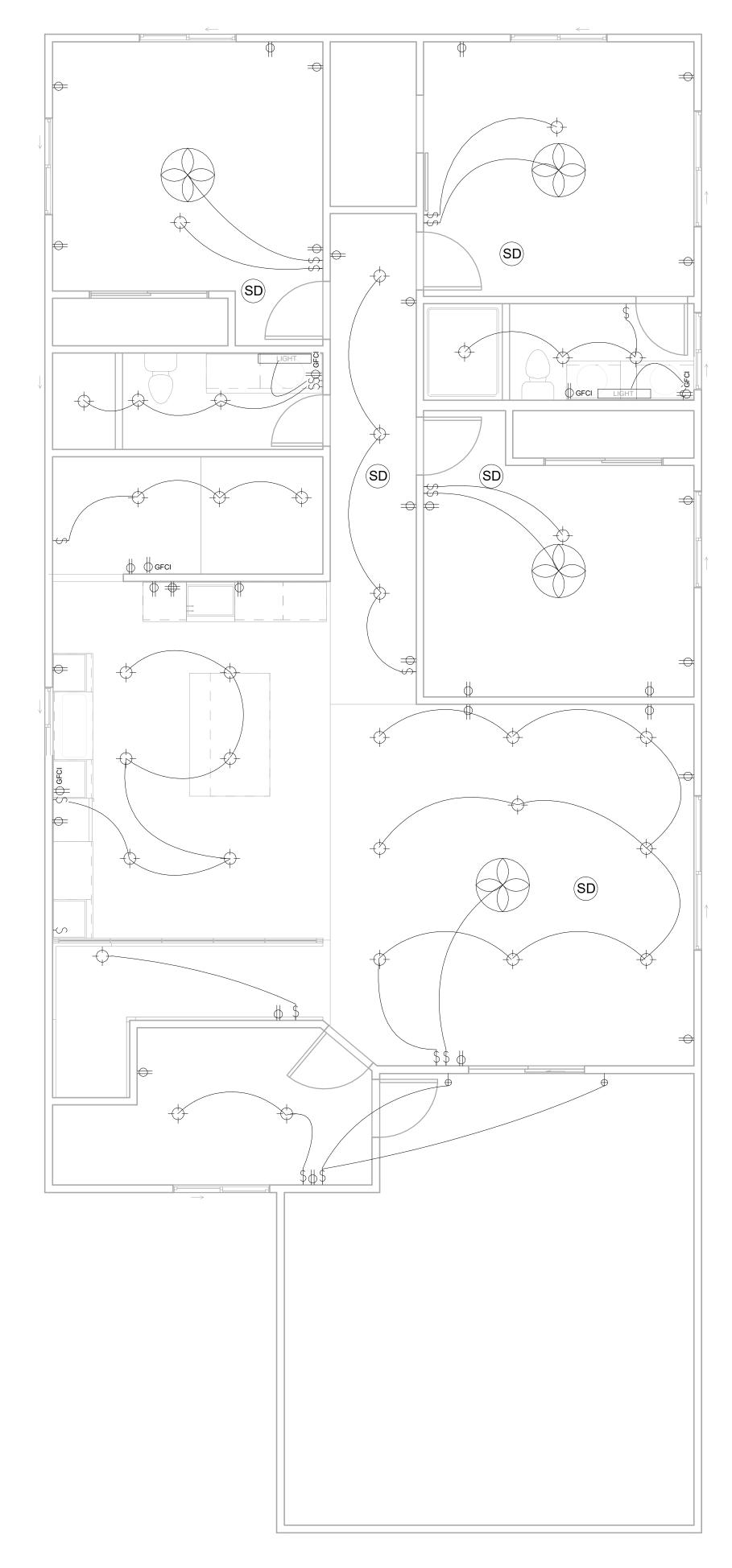
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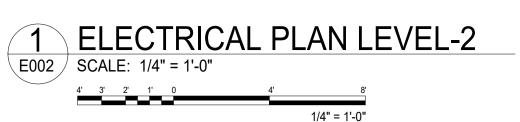
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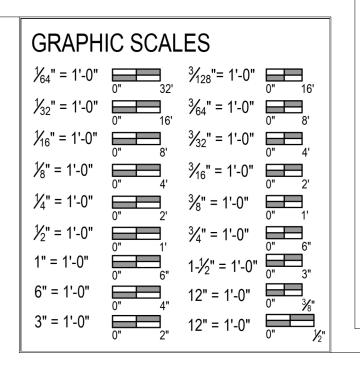
1 BASEMENT ELECTRICAL PLAN

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

4' 3' 2' 1' 0 4' 8'







PROFESSIONAL ENGINEER * No 14 14 14 14 14 15 15 15 15 15
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION. 04/30/2024 SIGNATURE 04/3DATE

SYMBOL	DESCRIPTION	SPECIFCTIONS
- 6) -	SINGLE POLE SWITCH	DECOR/ROCKER/WHITE
TV	CABLE TV JACK	COAXIAL CABLE/RG11/TYPE[F] THREADED JACK
-	SURFACE MOUNT LIGHT FIXTURE	TO BE SPECIFIED PER LOCATION
<u></u>	FLOURESCENT LIGHT FIXTURE	METALUX/2 LAMP/RAPID START ELEC. BALLAST
&	CEILING FAN WITH LIGHT	TO BE SPECIFIED
SD	SOMKE DETECTOR	U.L.APPROVED W/ BATTERY BACK UP, INTERCONNECTED PER 2006 IRC
$\mathbb{Q}^{\!\!\!\!/}$	FLOOD LIGHT	OPTIONAL MOTION SENSOR
\$	SWITHED OUTLET (DISPOSAL)	110v
O GFI	GROUND FAULT INTERUPT OUTLET(2)	110v
ightharpoonup	TELEPHONE JACK	(1 LINE) CATEGORY 5e WIRE/110 KEYSTONE JACK/RJ12
-ቒ-	WALL MOUNT LIGHT FIXTURE	TO BE SPECIFIED WEATHER PROOR, 60 watts MAX.
#	OLIADRUPLEX OLITLET FOR WH	

2018 IRC SECTION R314/SD

SMOKE DETECTOR

2018 IRC SECTION R314/ SMOKE ALARMS THE ALARM DEVICES SHALL BE INTERCONNECTED IN SUCH A MANNER THAT THE ACTUATION IF ONE ALARM WILL ACTIVATE ALL OF THE ALARMS IN THE INDIVIDUAL UNIT. THE ALARM SHALL BE CLEARLY AUDIBLE IN ALL BEDROOMS OVER BACKGROUND NOISE W/ ALL INTERVENING DOORS CLOSED

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R315.3 WHERE REQUIRED IN EXISTING DWELLINGS. WHERE WORK REQUIRING A PERMIT OCCURS IN EXISTING DWELLINGS THAT HAVE ATTACHED GARAGES OR IN EXISTING DWELLINGS WITHIN WHICH FUEL-FIRED APPLIANCES EXIST, CARBON MONOXIDE ALARMS SHALL BE PROVIDED IN ACCORDANCE WITH SECTION R315.1.

	ELECTRICAL PLAN	1
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E002

GENERAL NOTES

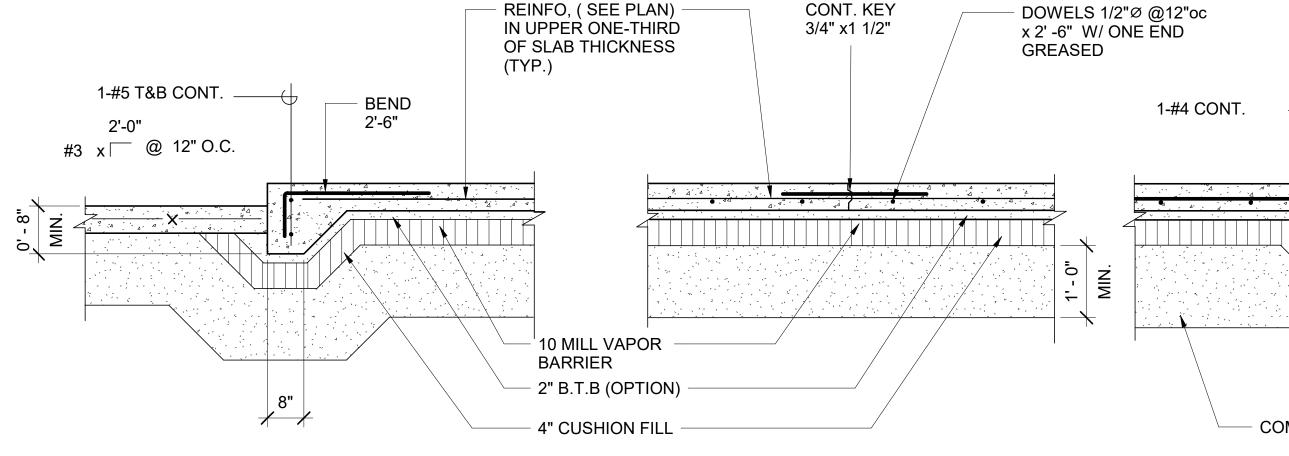
- ALL WORK SHALL CONFORM TO THE IRC 2018 INTERNATIONAL RESIDENTIAL CODE AS ADOPTED AND/OR AMENDED BY THE CITY AND COUNTY OF HONOLULU.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO START OF JOB AND PROVIDE WRITTEN NOTIFICATION OF ANY DISCREPANCY TO THE ARCHITECT FOR FURTHER DIRECTION.
- ALL CONCRETE WORK SHALL CONFORM TO ACI 318-02. CONCRETE SHALL ATTAIN A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI FOR SUSPENDED SLABS and 3,000 PSI AT 28 DAYS FOR FTG, SLAB ON GRADE, WALKWAY AND BALANCE OF CONC. WORK. MAXIMUM AGGREGATE SIZE SHALL BE 3/4 INCH WITH A MAXIMUM CONCRETE SLUMP OF FOUR (4) INCHES.
- VERIFY ALL LOCATIONS AND DIMENSIONS OF OPENINGS. ANCHORS, CONDUITS, DUCTS, ETC. RELATING TO MECHANICAL ELECTRICAL AND ARCHITECTURAL WORK BEFORE POURING CONCRETE.
- THE CONTRACTOR SHALL PROVIDE TEMPORARY ERECTION. BRACING AND SHORING FOR ALL STRUCTUAL MEMBERS AS REQUIRED FOR STRUCTURAL STABILITY OF THE STRUCTURE DURING ALL PHASES OF CONSTRUCTION.
- CONSTRUCTION LOADING SHALL NOT EXCEED THE DESIGN LIVE LOAD OF THE STRUCTURE
- ALL REINFORCING STEEL SHALL BE DEFORMED BARS CONFORMING TO ASTM A-615 GRADE 60 EXCEPT FOR TIES AND STIRRUPS WHICH SHALL BE DEFORMED BARS CONFORMING TO ASTM A-615 GRADE 40.
- UNLESS NOTED OTHERWISE, CONCRETE COVER FOR REINFORCING BARS SHALL BE AS FOLLOWS:
 - A. CONCRETE CAST AGAINST EARTH. B. CONCRETE EXPOSED TO EARTH OR WEATHER: #6 AND LARGER. #5 AND SMALLER. ..1 1/2" .1" TOP C. SLABS. 3/4" BOT.
- BAR LAPS, SPLICES, EMBEDMENTS AND EXTENSIONS SHALL BE 40 BAR DIAMETERS BUT NOT LESS THAN 24 INCHES.
- WELDED WIRE FABRIC SHALL BE MADE OF COLD DRAWN WIRE AND SHALL CONFORM TO ASTM A-185, GALVANIZED.
- ALL STEEL PLATES, BARS, AND SHAPES SHALL CONFORM WITH ASTM A-36. BOLTS SHALL COMPLY WITH ASTM A-307. ALL STEEL MEMBERS SHALL BE GALVANIZED.
- SHOP DRAWINGS SHALL BE SUBMITTED TO THE ARCHITECT FOR ALL FABRICATED BRACKETS, HARDWARE, AND MISCELLANEOUS METALS PRIOR TO FABRICATION.
- CONCRETE MASONRY UNITS (CMU) SHALL BE GRADE "N-II", HOLLOW LOAD BEARING UNITS COMPLYING TO ASTM C-90. MORTAR SHALL BE TYPE "M" WITH A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 2,500 PSI. GROUT SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 2,500 PSI. CMU SIZE AND FINISH SHALL MATCH EXISTING.
- UNLESS NOTED OTHERWISE, GROUT ALL CELLS SOLID, FULL HEIGHT. GROUT IN LIFTS NOT TO EXCEED 48 INCHES. PROVIDE 2-#5 VERTICALS IN ALL JAMBS, CORNERS AND INTERSECTIONS. SEE DETAILS FOR BALANCE OF VERTICAL REINFORCING. PROVIDE 2-#4 HORIZONTAL IN BOND BEAMS AT 24 INCHES ON CENTER (MAXIMUM).
- ALL LUMBER SHALL BE TERMITE AND ROT TREATED DOUGLAS FIR CONFORMING WITH THE STANDARD GRADING AND DRESSING RULES OF THE WEST COAST LUMBER INSPECTION BUREAU. UNLESS NOTED OTHERWISE, LUMBER GRADE SHALL BE NO. 1 OR BETTER.
- PLYWOOD SHALL BE WOLMANIZED DOUGLAS FIR, T & G WITH GROUP 1 PLIES AND SHALL BEAR THE FOLLOWING AMERICAN PLYWOOD ASSOCIATION GRADE TRADEMARK: C-D INT - APA, EXTERIOR GLUE.
- ALL FOOTINGS SHALL BEAR ON UNDISTURBED FIRM NATURAL SOIL OR COMPACTED FILL. THE EXCAVATION, BACKFILLING AND CONSTRUCTION OF FOOTINGS, SLAB ON GRADES SHALL BE MONITORING BY A SOIL ENGINEER LICENSED IN HAWAII.
- ALL EXCAVATIONS AND BACKFILLS SHALL BE INSPECTED AND APPROVED APPROVED BY THE SOIL ENGINEER PRIOR TO THE PLACEMENT OF REINFORCING STEEL.
- THE GENERAL CONTRACTOR SHALL INFORM THE STRUCTURAL ENGINEER FOR THE FOLLOWING INSPECTION WITH 48 HOURS ADVANCE
 - a. ALL REINFORCING STEEL.
 - a. STRUCTURAL DIAPHRAGMS AND SHEAR WALLS.
 - a. COMPLETE LOAD PATH AND UPLIFT TIES.
- 20.

DESIGN DATA: VERTICAL LIVE LOADS	s·
ROOF	20 PSF 40 PSF
	-
SEISMIC ZONE	SITE CLASS 'D'
WIND PRESSURE: (RC	OOF FRAMING, WALLS)

WIND SPEED. .120 MPH EXPOSURE. IMPORTANCE FACTOR. .1.0

SOIL BEARING PRESSURE ..3,000 PSF





SEE ARCH 0 COMPACTED STRUCTURAL FILL

THICKENED EDGE CONSTRUCTION JOINT (C.J.)

DEPRESSED SLAB

NOTE*

1'-6"

PIPE SLEEVE

PIPE SLEEVE

NO EXCAVATION FOR

BURIED PIPES NEAR FOUNDATION

PIPE TRENCH PARALLEL

TO FTG. BELOW THESE

WHERE DIMENSION d EXCEEDS

12" OMIT CONC. JACKET REINF.

MINIMUM |0' - 2" **EMBEDMENT** ANCHOR CONC

₹ .	BOLT SIZE "d"	EMBEDMEN ⁻
	1/2"Ø	4"
	5/8"Ø	5"
	3/4"Ø	6"
	7/8"Ø	6"
	1"Ø	7"
	NOTE:	

SHALL BE 12 BOLT DIA. WITH A MINIMUM EDGE DISTANCE OF 6 BOLT DIAMETERS.

1/4" THK. SLEEVE

W/INSIDE DIA.

MINIMUN BOLT SPACING

TYP. ANCHOR BOLT DETAIL AND EMBEDMENT SCHEDULE

4 - 3/8" Øx6" LG.

STUDS AT ~C OF

GRAPHIC SCALES

 $\frac{1}{16}$ " = 1'-0"

⅓" = 1'-0" **■**

 $\frac{1}{4}$ " = 1'-0"

½" = 1'-0"

6" = 1'-0"

 $\frac{1}{32}$ " = 1'-0" $\frac{3}{64}$ " = 1'-0" $\frac{1}{100}$

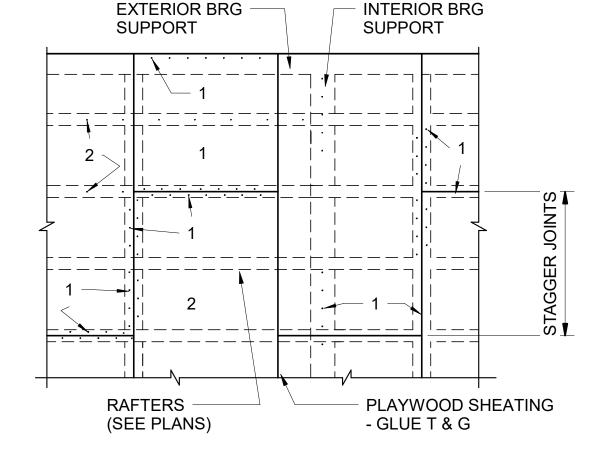
³/₃₂" = 1'-0"

³/₁₆" = 1'-0"

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

12" = 1'-0"

NOT TO SCALE



SLAB ON GRADE DETAIL

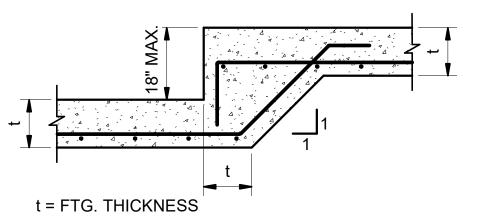
NOT TO SCALE

NOTES:

- A. ALL NAILING SHALL BE RING SHANK GALVANIZED NAILS. 10d FOR 3/4" THICK PLYWOOD AND 8d FOR 5/8" THICK OR THINNER PLYWOOD.
- B. 1 EDGE NAILING (E.N.) AT ALL EDGES OF ALL PLYWOOD SHEETS AND AT BEARING SUPPORTSHALL BE SPACED @6"oc (MAX.)
- (2) INTERIOR NAILING @ 6"o.c. TYP. USE SAME SIZE AS E.N.
- C. APPLY APPROPRIATE GLUE / ADHESIVE BETWEEN PLYWOOD AND JOISTS/RAFTERS.
- D. FACE GRAIN SHALL BE PERPENDICULAR TO JOIST OR RAFTER
- MINIMUM EDGE DISTANCE FOR NAILS SHALL BE ~6".
- F. NAILS SHALL NOT BE OVER-DRIVEN THRU TOP LAYER OF PLAWOOD.
- G. TONGUE AND GROOVE EDGE SHALL BE PERPENDICULAR TO SUPPORTING MEMBERS AND SHALL BE PROVIDED WITH CONTINUOUS GLUE

TYP. PLAYWOOD LAYOUT DETAILS

NOT TO SCALE



TYPICAL STEP FOOTING DETAIL **NOT TO SCALE**

ADD 90° SPLICE BARS AT INTERSECTIONS-**BAR SIZE AND NUMBER** TO MATCH FOOTING FOOTING -SEE MAX. PLAN **REINF-SEE SCHEDULE** <u>PLAN</u>

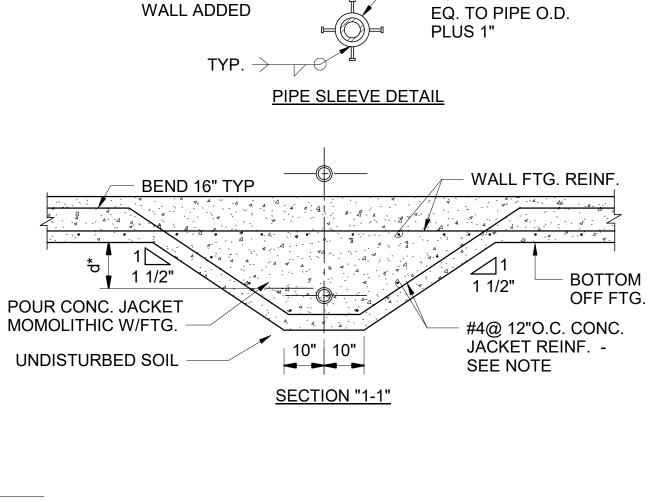
CONC. JACKET

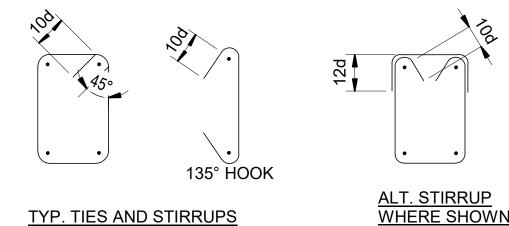
REINF. - SEE NOTE

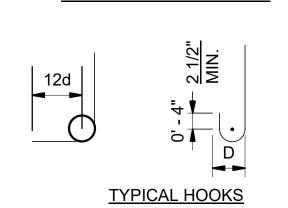
NOT TO SCALE

TYP. FOOTING REFINFORCING AT INTERSECTIONS-9 PLAN

NOT TO SCALE





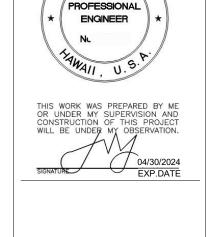


D = DIA. OF BEND = 6d #3 TO #8 2 1/2" MIN. 8d #9, #10, #11 d = BAR DIA.10d #14 & #18

TYPICAL TIES, STIRRUPS AND HOOKS NOT TO SCALE

ALT. STIRRUP

WHERE SHOWN



LICENSED

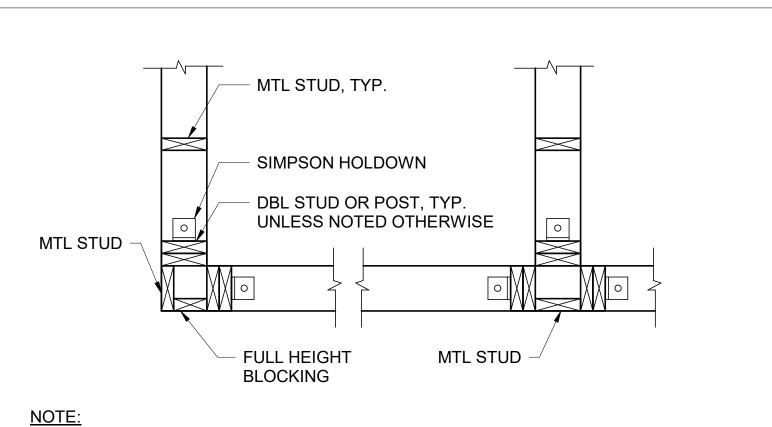
AKAHI STREET ONOLULU, HI 9 TMK: 1-3-028-0

NOTES REVISION

DATE: -

SHEET NO.:

S001



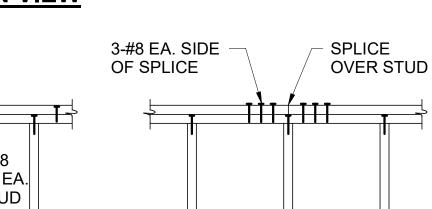
"X" PLAN VIEW

"X"[

- LAP PLATE AT CORNER

₩ #8 SCREW @ 16"O.C.

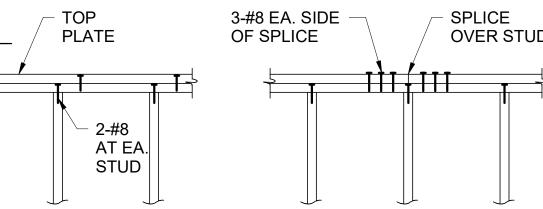
PROVIED 2-SCREWS



"X" PLAN VIEW

LAP PLATE

PROVIED 2-#8



AT CORNER

AT PLATE SPLICE

STAGGER TOP & BOTTOM

PLATE SPLICE 4'-0" MIN.

AT INTERSECTING WALL

STUD LAYOUT AT WALL INTERSECTION DETAIL 3/4" = 1'-0"

PLAN

SEE FOUNDATION AND GROUND

FLOOR PLAN FOR HOLDOWN

LOCATIONS

2 TYPICAL STUDWALL TOP PLATE DETAILS
1/2" = 1'-0"

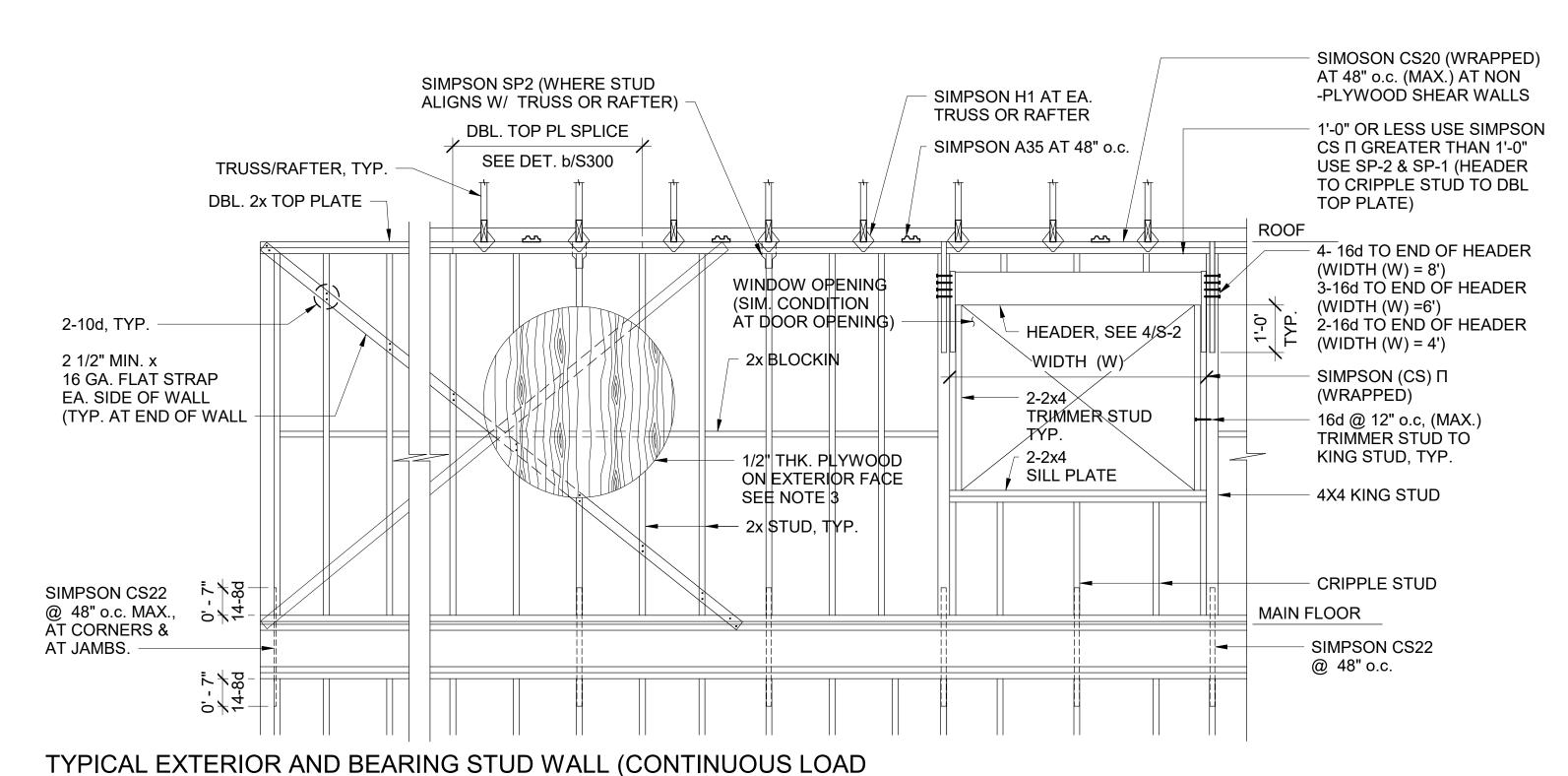
NAILING SCHEDULE (U.N.O.) CONNECTION NAILING I. JOIST TO SILL OR GIRDER, TOE NAIL 3-8d BRIDGING TO JOIST, TOENAIL EACH END 2-8d 1"X6" SUB FLOOR OR LESS TO EACH JOIST, FACE NAIL 2-8d 4. WIDER THAN 1"X6" SUBFLOOR TO EACH JOIST, FACE NAIL 3-8d 2-16d 5. 2" SUBFLOOR TO JOIST OR GIRDER, BLIND AND FACE NAIL SLOPE PLATE TO JOIST OR BLOCKING, FACE NAIL 16d @ 16" o.c 7. TOP PLATE TO STUD, END NAIL 2-16d 4-8d, TOENAIL OR 8. STUD TO SLOPE PLATE 2-16d, END NAIL DOUBLE STUDS, FACE NAIL 16d @ 24" o.c 10. DOUBLED TOP PLATES, FACE NAIL 16d @ 16" o.c. 11. TOP PLATES, LAPS AND INTERSECTION, FACE NAIL 2-16d 16d @ 16" o.c, 12. CONTINUOUS HEADER, TWO PIECES ALONG EACH EDGE 13. CEILING JOISTS TO PLATE TOENAIL 3-8d 4-8d 14. CONTINUOUS HEADER TO STUD, TOENAIL 15. CEILING JOISTS, LAPS OVER PARTITIONS, FACE NAIL 3-160 16. CEILING JOISTS TO PARALLEL RAFTERS, FACE NAIL 3-16d 3-8d 17. RAFTER TO PLATE, TOENAIL 18. 1" BRACE TO EACH STUD AND PLATE, FACE NAIL 2-8d 2-8d 19. 1"X8" SHEATHING OR LESS TO EACH BEARING, FACE NAIL 3-8d 20. WIDER THAN 1"X8" SHEATHING TO EACH-BEARING, FACE NAIL 21. BUILT-UP CORNER STUDS 20d @ 32" o.c. @ TOP AND BOTTOM AND STAGGERED 22. BUILT-UP GIRDER AND BEAM 2-20d @ ENDS AND @ EACH SPLICE

DBL. 2x TOP PLATE **ROOF** 2x BLOCKING 2-10d, TYP. 2 1/2" MIN. x 16 GA. FLAT STRAP EA. SIDE OF WALL (TYPICAL) 2x STUDS, TYP. **GROUND FLOOR** SIMPSON STHD8 SIMPSON HETA 20 ALIGNED W/ SIMPSON SP2 ABOVE

COND. AT ONE STOTY

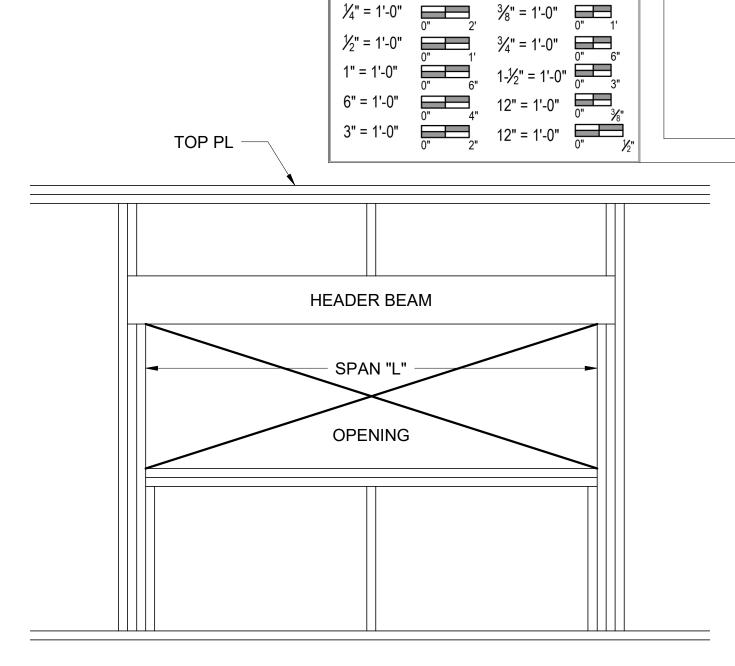
TYPICAL INTERIOR SHEAR WALL ELEVATION

3/4" = 1'-0"



NOTES:

- 1. CONTINUOUS LOAD PATH CONNECTOT: USE SIMPSON CS & SP @ 48" o.c. (TYP.)
- 2. NO SPLICE ALLOWED IN DBL. TOP PLATE AND SILL PLATE AT CONNECTOR LOCATION.
- 3. ALL PLYWOOD SHEET TO BE PLACED VERTICALLY WITH **BLOCKING ON UNSUPPORTED** EDGES. PANEL EDGE NAILING AT ALL EDGES. STAGGER ALL SHEET
- 4. SEE ARCH. FOR SIDING OVER PLYWOOD.



GRAPHIC SCALES

½" = 1'-0" **□**

 $\frac{1}{64}$ " = 1'-0" $\frac{3}{128}$ "= 1'-0" $\frac{3}{128}$ "= 1'-0"

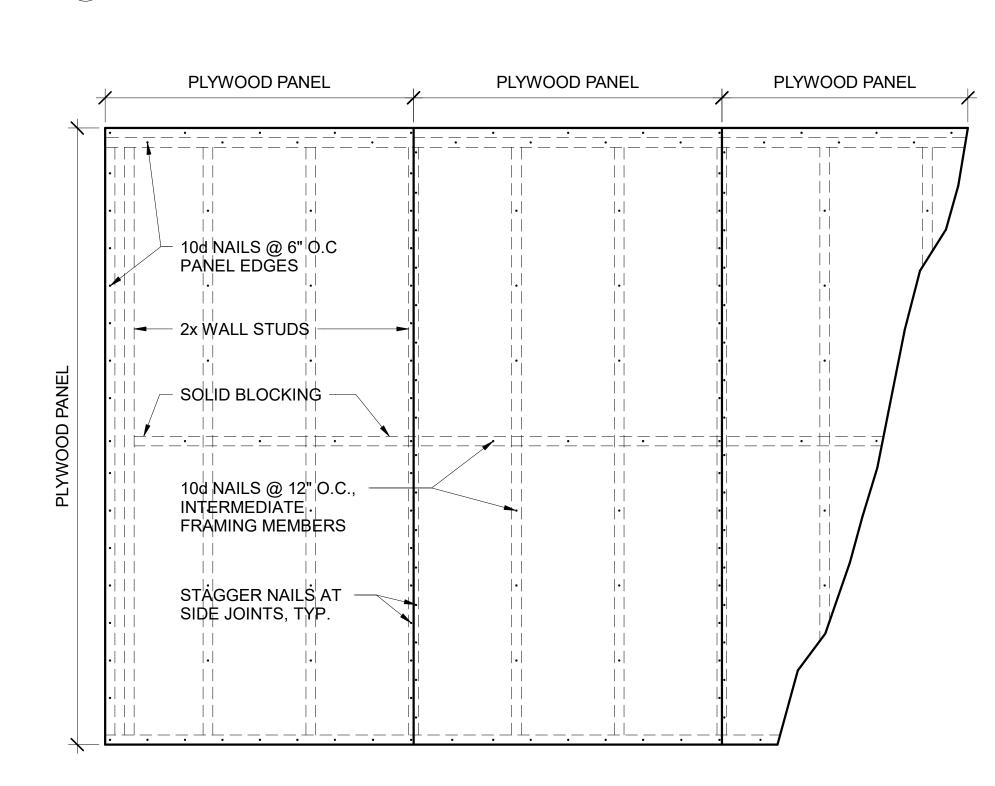
 $\frac{1}{32}$ " = 1'-0" $\frac{3}{64}$ " = 1'-0"

 $\frac{3}{16}$ " = 1'-0"

ELEVATION

STUD WALL OPENING FRAMING SCHEDULE				
(UNLESS NOTED OTHERWISE)				
	BEAM SIZE (MIN.)			
SPAN "L" (MAX.)	ROOF ONLY	ROOF & FLOOR		
4' - 0"	4 x 6	4 x 8		
6' - 0"	4 x 8	4 x 10		
8' - 0"	4 x 10	4 x 12		
10' - 0"	4 x 12	SEE PLAN		

STUD WALL OPENING DETAIL 3/4" = 1'-0"



PLYWOOD WALL SHEATHING CONNECTION DETAILS 3/4" = 1'-0"

LICENSED PROFESSIONAL **ENGINEER**

FRAMING DIAGRAMS REVISION DATE:

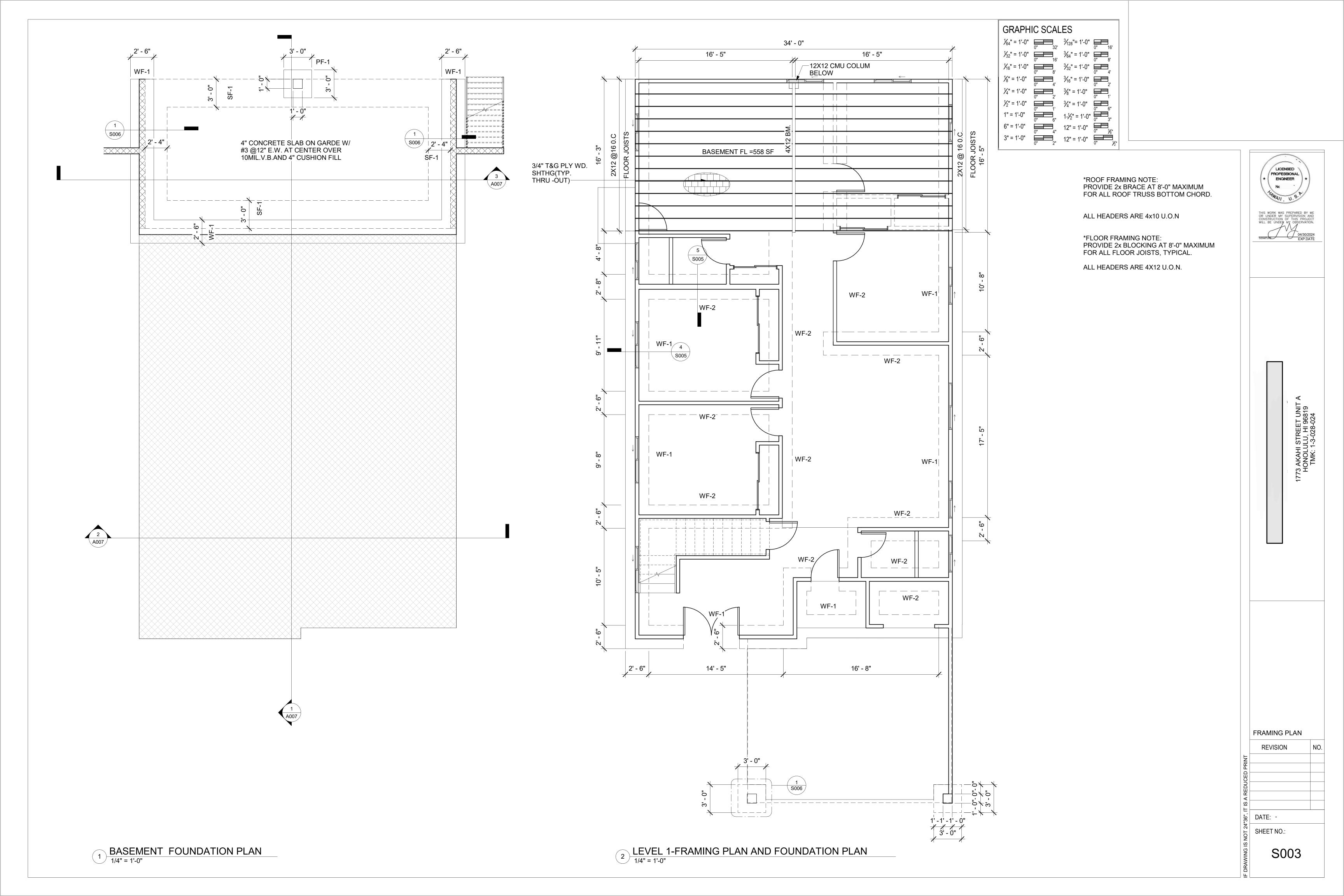
S002

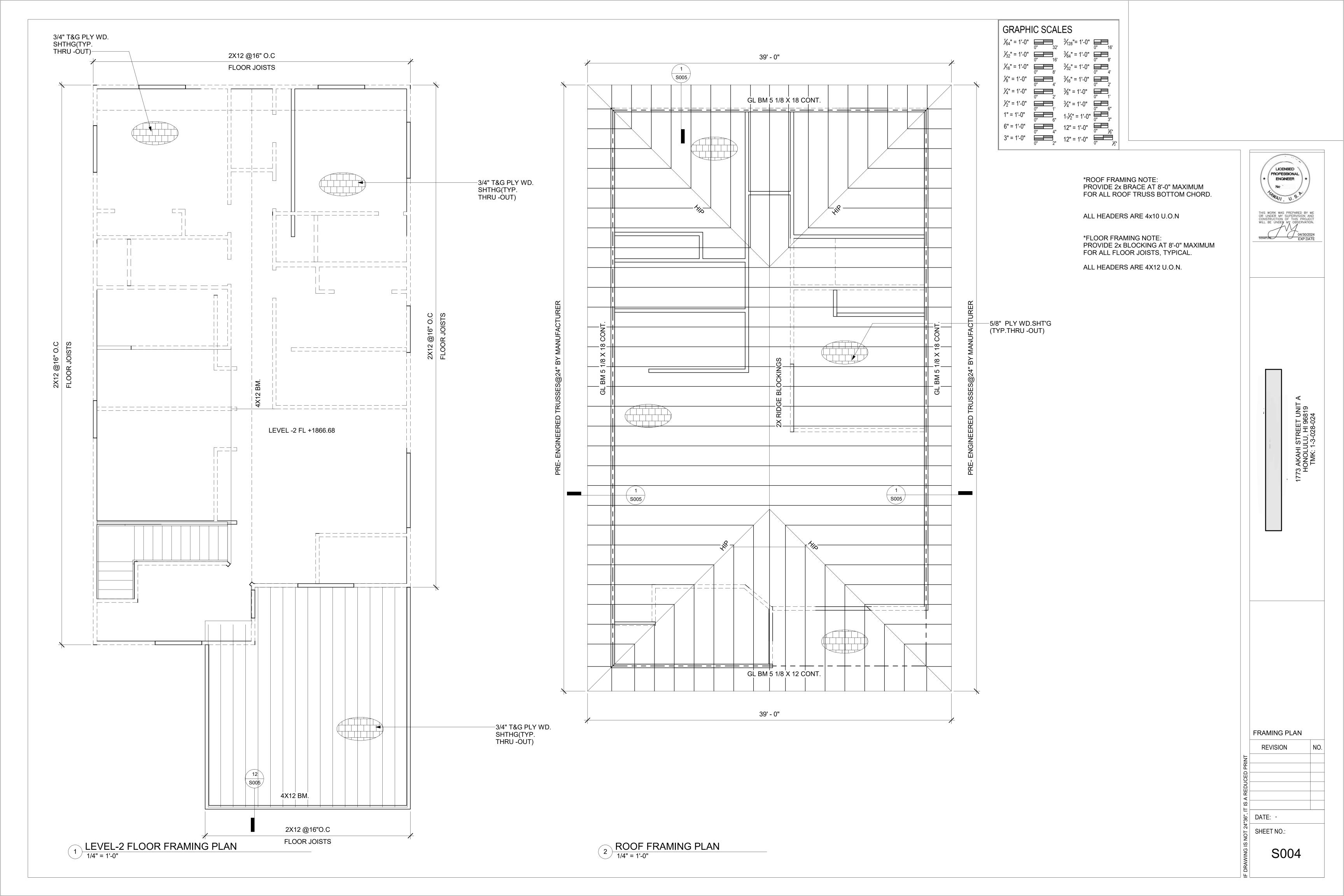
SHEET NO.:

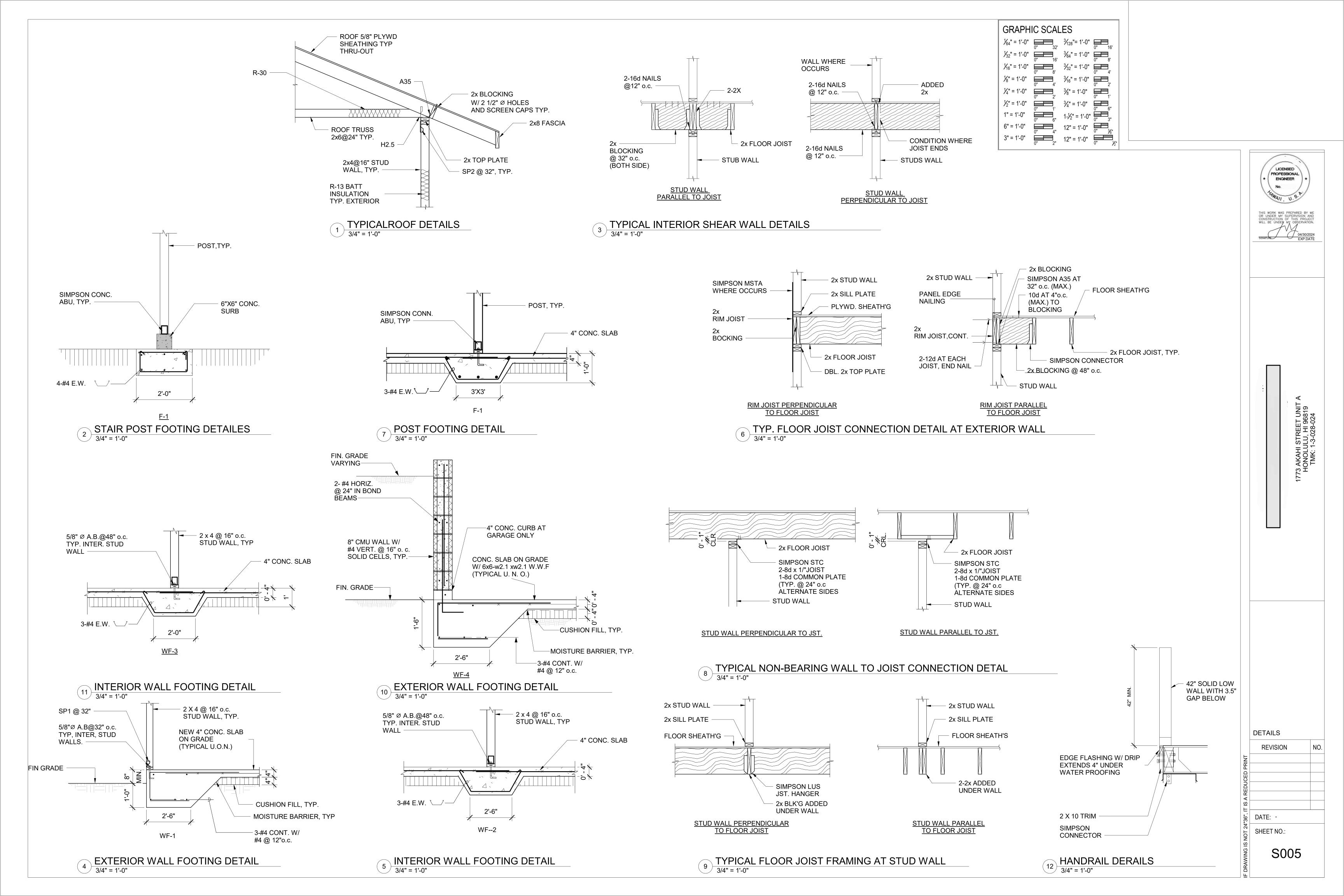
PATH) ELEVATION TWO STORY3 6 1/2" = 1'-0"

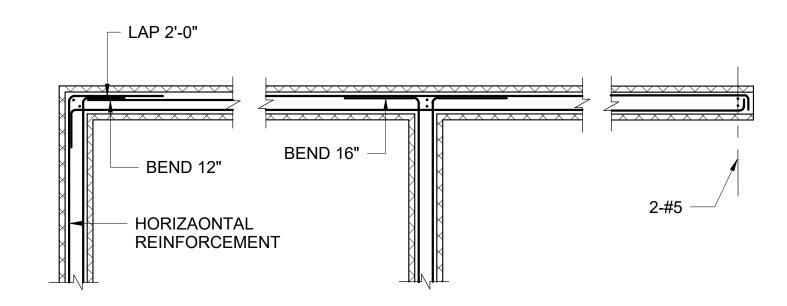
NAILING SCHEDULE (U.O.N.)

1/2" = 1'-0"









AT CORNER

AT INTERSECTION A

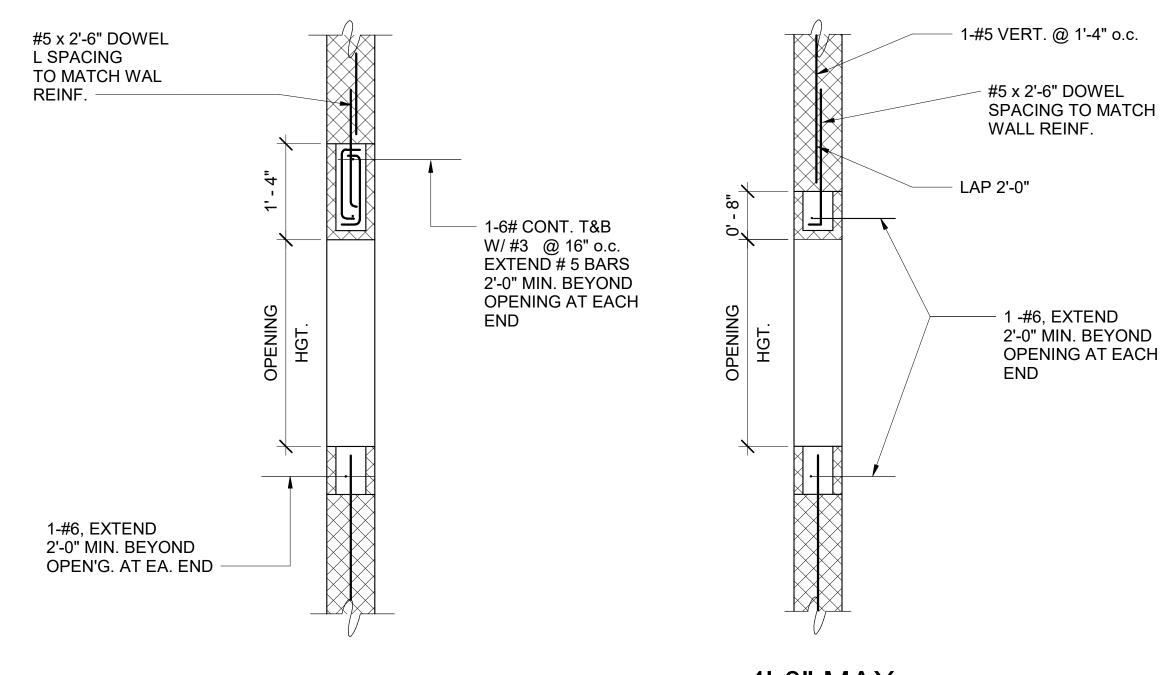
<u>AT END</u>

NOTE:

UNLESS NOTE OTHERWISE BOND BEAM W/ MIN. 2-#4 HORIZ. SHALL BE SPACED @ 24" o.c. MAX.

TYPICAL MASONRY BOND BM . DETAIL

3/4" = 1'-0"



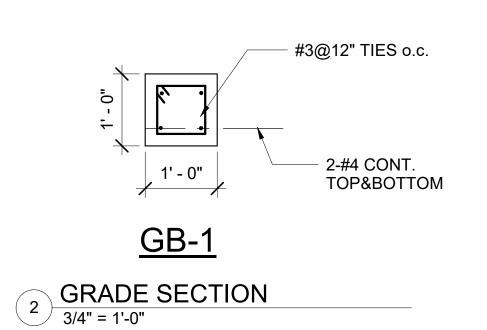
4'-0" < OPENING WIDTH < 8'-0"

4'-0" MAX. OPENING WIDTH

TYP. MASONRY LINTEL BEAM DETAIL
3/4" = 1'-0"

CMU	RETAI	NING W	ALL S	CHEDUI	_E	
	DIMEN	ISIONS	SO	LID GRO	OUT AL	L CELL
H1	H 2	H 3	W	Т	К	D
≤ 4'-0"			2'-6"	12"		
6'-0"			3'-6"	12"		
6'-0"	2'-0"		5'-0"	12"	12"	8"
	REI	NFORC	EMEN	T		
STEM				BASE		
2 (V)	(H)	4 (H)	5 (H)	6 (H)	(H)	8 (H)
#4@16"		2-#4@24"	#4@16"			#4@12"
#4@8"		2-#4@24"	#4@8"			#4@12"
#5@8	#5@8"	2-#4@24"	#5@16"	#4@16"	#4@16"	#4@12"
	H1 ≤ 4'-0" 6'-0" STEM 2 (V) #4@16" #4@8"	DIMEN H1	DIMENSIONS H1 H2 H3 ≤ 4'-0" — — 6'-0" 2'-0" — REINFORC STEM 2 (V) 3 (H) 4 (H) #4@16" — 2-#4@24" #4@24" #4@8" — 2-#4@24"	DIMENSIONS SO H1 H2 H3 W ≤ 4'-0" — 2'-6" 6'-0" — 3'-6" 6'-0" 2'-0" — 5'-0" REINFORCEMEN STEM 2 (V) 3 (H) 4 (H) 5 (H) #4@16" — 2-#4@24" #4@16" #4@8" — 2-#4@24" #4@8"	DIMENSIONS SOLID GRO H1 H2 H3 W T ≤ 4'-0" — 2'-6" 12" 6'-0" — 3'-6" 12" 6'-0" 2'-0" 5'-0" 12" REINFORCEMENT STEM BASE 2 (V) 3 (H) 4 (H) 5 (H) 6 (H) #4@16" — 2-#4@24" #4@16" — — #4@8" — 2-#4@24" #4@8" —	H1 H2 H3 W T K ≤ 4'-0" — 2'-6" 12" — 6'-0" 2'-0" 12" 12" 12" 6'-0" 2'-0" 12" 12" 12" REINFORCEMENT STEM BASE 2 (V) 3 (H) 4 (H) 5 (H) 6 (H) 7 (H) #4@16" — 2-#4@24" #4@16" — — #4@8" — 2-#4@24" #4@8" — — — #5 @ 0

5 CMU RETAINING WALL SCHEDULE
3/4" = 1'-0"



GRAPHIC SCALES

 y_{64} " = 1'-0" y_{64} = 1'-0" y_{64} " =

 y_{32} " = 1'-0" y_{32} = 1'-0" y_{32} " =

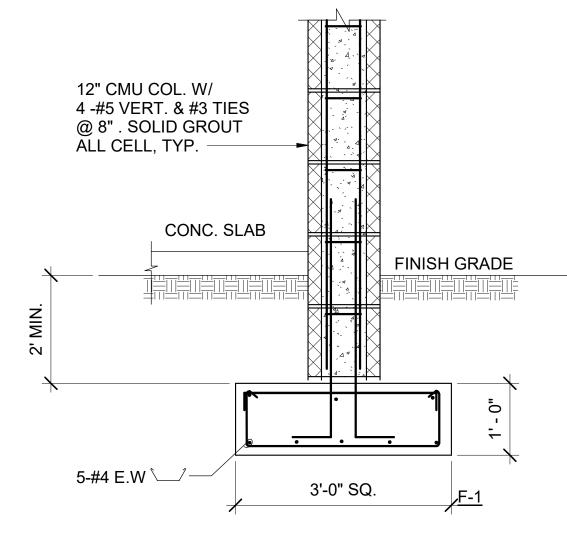
 $\frac{1}{16}$ " = 1'-0" $\frac{3}{32}$ " = 1'-0" $\frac{3}{00}$ " $\frac{1}{10}$

1/4" = 1'-0" 3/8" = 1'-0" 0" 1"

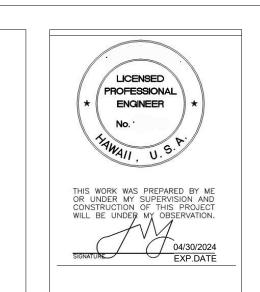
½" = 1'-0" 3½" = 1'-0" 0" 6"

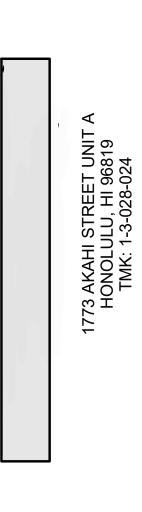
6" = 1'-0" 0" 4" 12" = 1'-0" 0" 3'' 3" = 1'-0" 0" 2" 12" = 1'-0" 0" 12"

0" 6" 1-½" = 1'-0" 0" 3"



1 CMU COL. FOOTING DETAIL
3/4" = 1'-0"





ETAILS	
REVISION	NO.
DATE: -	
SHEET NO.:	

S006