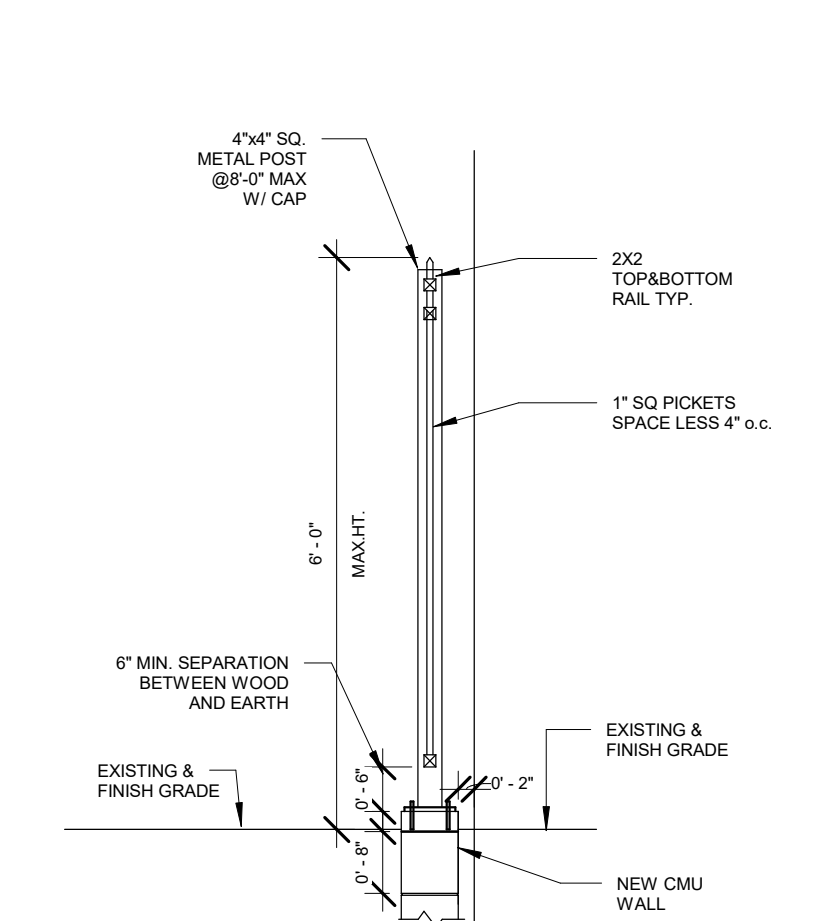
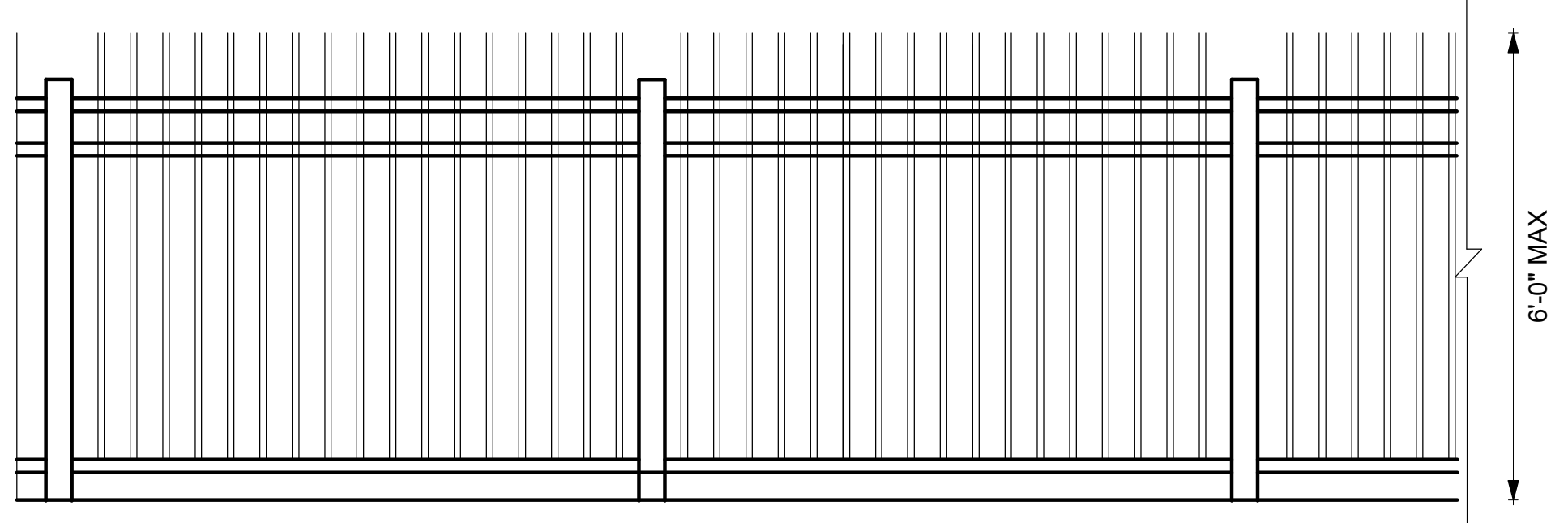


**GRAPHIC SCALES**

1/4" = 1'-0"	1/8" = 1'-0"	3/16" = 1'-0"	1/32" = 1'-0"
1/2" = 1'-0"	3/16" = 1'-0"	1/8" = 1'-0"	1/16" = 1'-0"
3/8" = 1'-0"	1/4" = 1'-0"	3/32" = 1'-0"	1/32" = 1'-0"
1/2" = 1'-0"	1/4" = 1'-0"	3/32" = 1'-0"	1/32" = 1'-0"
1" = 1'-0"	1 1/2" = 1'-0"	1 1/4" = 1'-0"	1 1/8" = 1'-0"
2" = 1'-0"	3" = 1'-0"	4" = 1'-0"	6" = 1'-0"



**2 METAL FENCE SECTION**  
 A001 SCALE: 1/2" = 1'-0"  
 1/2" = 1'-0"



**3 METAL FENCE ELEVATION**  
 A001 SCALE: 1/2" = 1'-0"  
 1/2" = 1'-0"

**FLOOR PLANS FOR AREA CALCULATIONS**

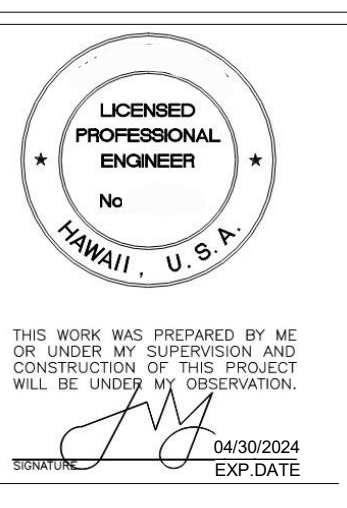


**4 BASEMENT**  
 A001 SCALE: 1" = 10'-0"  
 1" = 10'

**5 FIRST FLOOR PLAN**  
 A001 SCALE: 1" = 10'-0"  
 1" = 10'

**6 SECOND FLOOR PLAN**  
 A001 SCALE: 1" = 10'-0"  
 1" = 10'

**1 SITE PLAN**  
 A001 SCALE: 1/16" = 1'-0"  
 1/16" = 1'-0"



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SITE PLAN

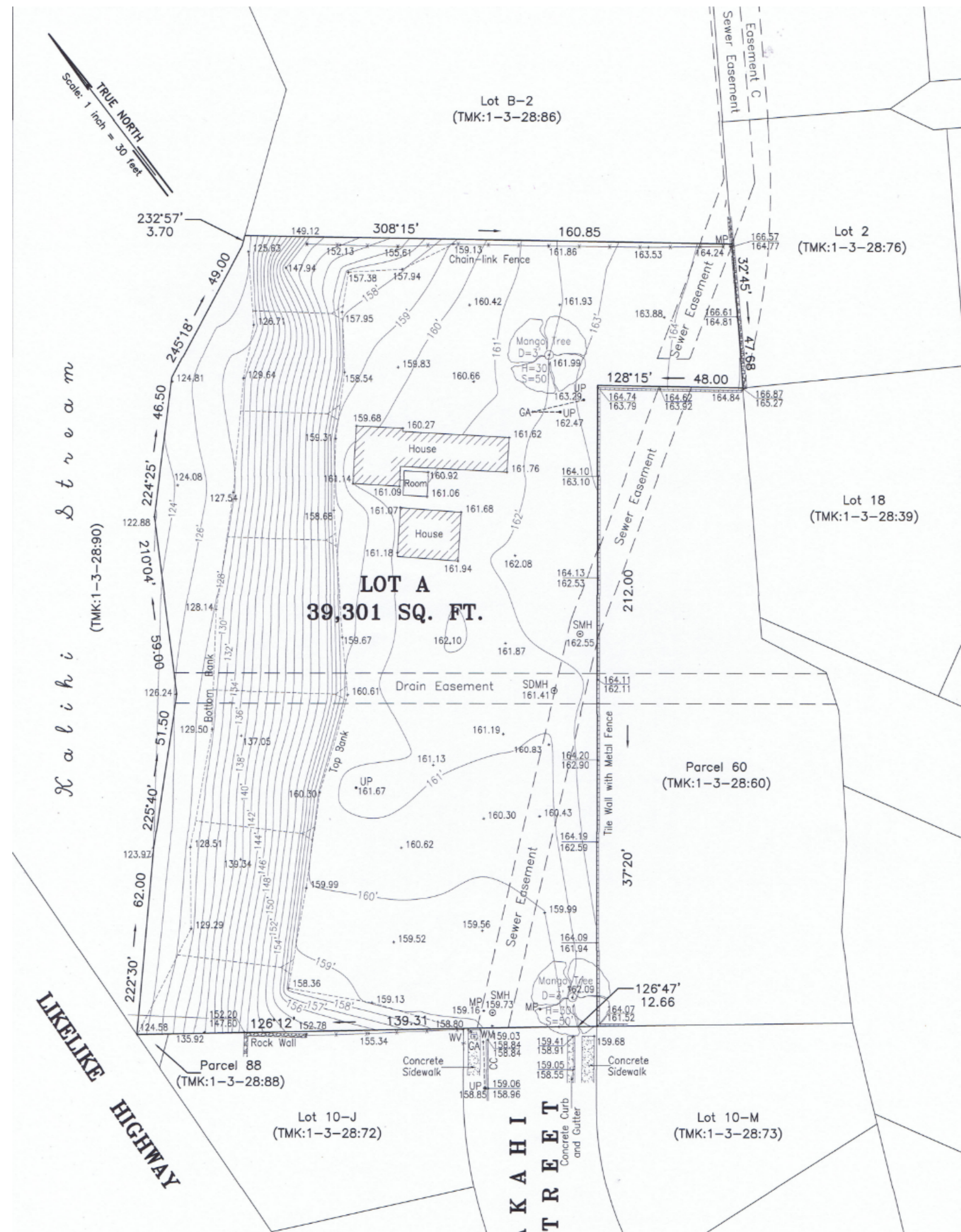
REVISION	NO.

DATE: -  
 SHEET NO.:  
**A001**

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**GRAPHIC SCALES**

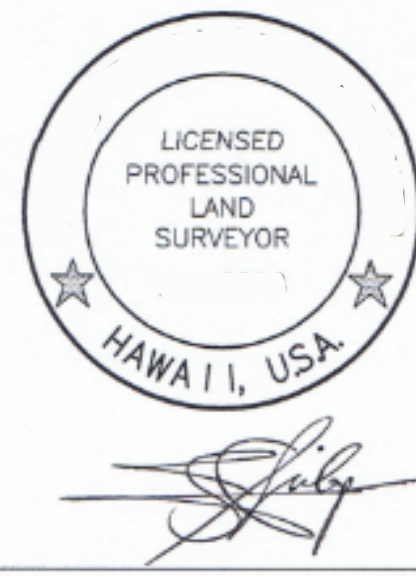
$\frac{1}{64}'' = 1'-0''$	$\frac{1}{32}'' = 1'-0''$	$\frac{3}{128}'' = 1'-0''$
$\frac{1}{32}'' = 1'-0''$	$\frac{1}{16}'' = 1'-0''$	$\frac{1}{8}'' = 1'-0''$
$\frac{1}{16}'' = 1'-0''$	$\frac{1}{8}'' = 1'-0''$	$\frac{1}{4}'' = 1'-0''$
$\frac{1}{8}'' = 1'-0''$	$\frac{1}{4}'' = 1'-0''$	$\frac{1}{2}'' = 1'-0''$
$\frac{1}{4}'' = 1'-0''$	$\frac{1}{2}'' = 1'-0''$	$1'' = 1'-0''$
$1'' = 1'-0''$	$1\frac{1}{2}'' = 1'-0''$	$2'' = 1'-0''$
$2'' = 1'-0''$	$3'' = 1'-0''$	$4'' = 1'-0''$
$3'' = 1'-0''$	$4'' = 1'-0''$	$6'' = 1'-0''$
		$8'' = 1'-0''$
		$12'' = 1'-0''$



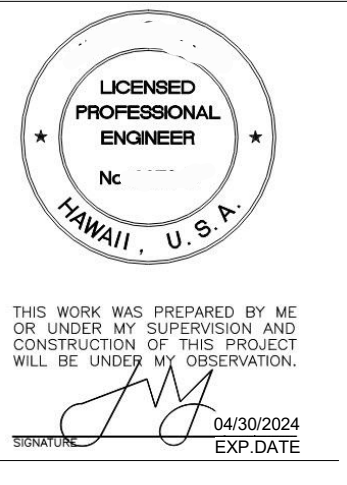
**TOPOGRAPHIC SURVEY MAP**  
**LOT A**  
 Being a portion of R. P. 1501  
 L. C. Aw. 1397, Ap. 1 to Kewaha  
 Kalihi, Honolulu, Oahu, Hawaii  
 Tax Map Key: 1-3-28:24  
 Scale: 1 inch = 30 feet  
 Date: December 5, 2016

- NOTES:**
- Only improvements shown were located.
  - Elevations referred from RM 218 found in FIRM MAP NUMBER 15003C0351 E dated 11/20/00 with an elevation of 156.78 ft. LMSL.
  - Placement of sewer easement on map referred from document 82-92611 dated Oct. 14, 1982.

- ABBREVIATIONS:**
- CC Concrete Curb
  - CA Guy Wire Anchor
  - MP Metal Post
  - SDMH Storm Drain Manhole
  - SMH Sewer Manhole
  - UP Utility Pole
  - WM Water Meter
  - WV Water Valve



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TOPO	
REVISION	NO.

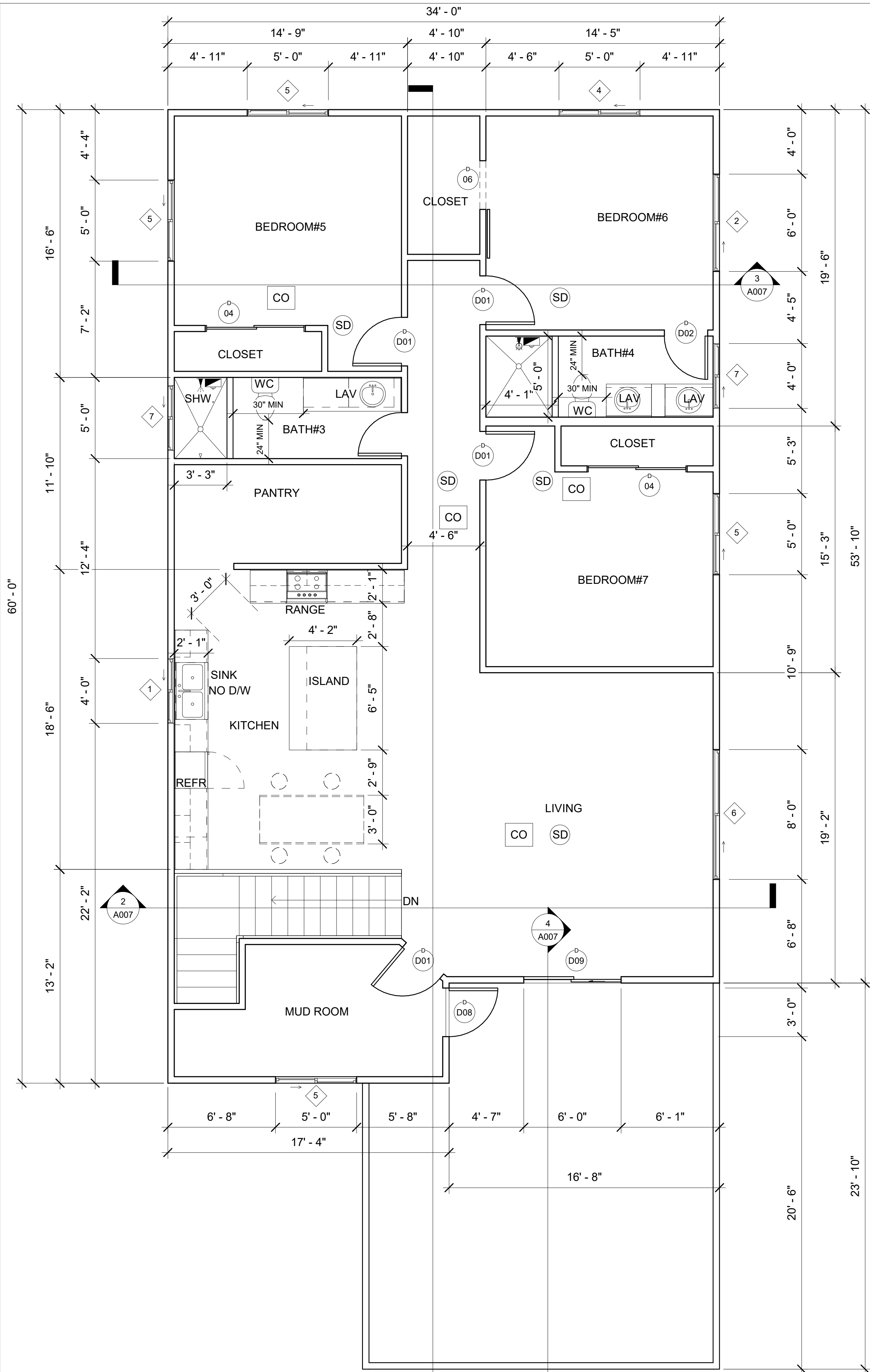
DATE: -  
 SHEET NO.:

**A002**

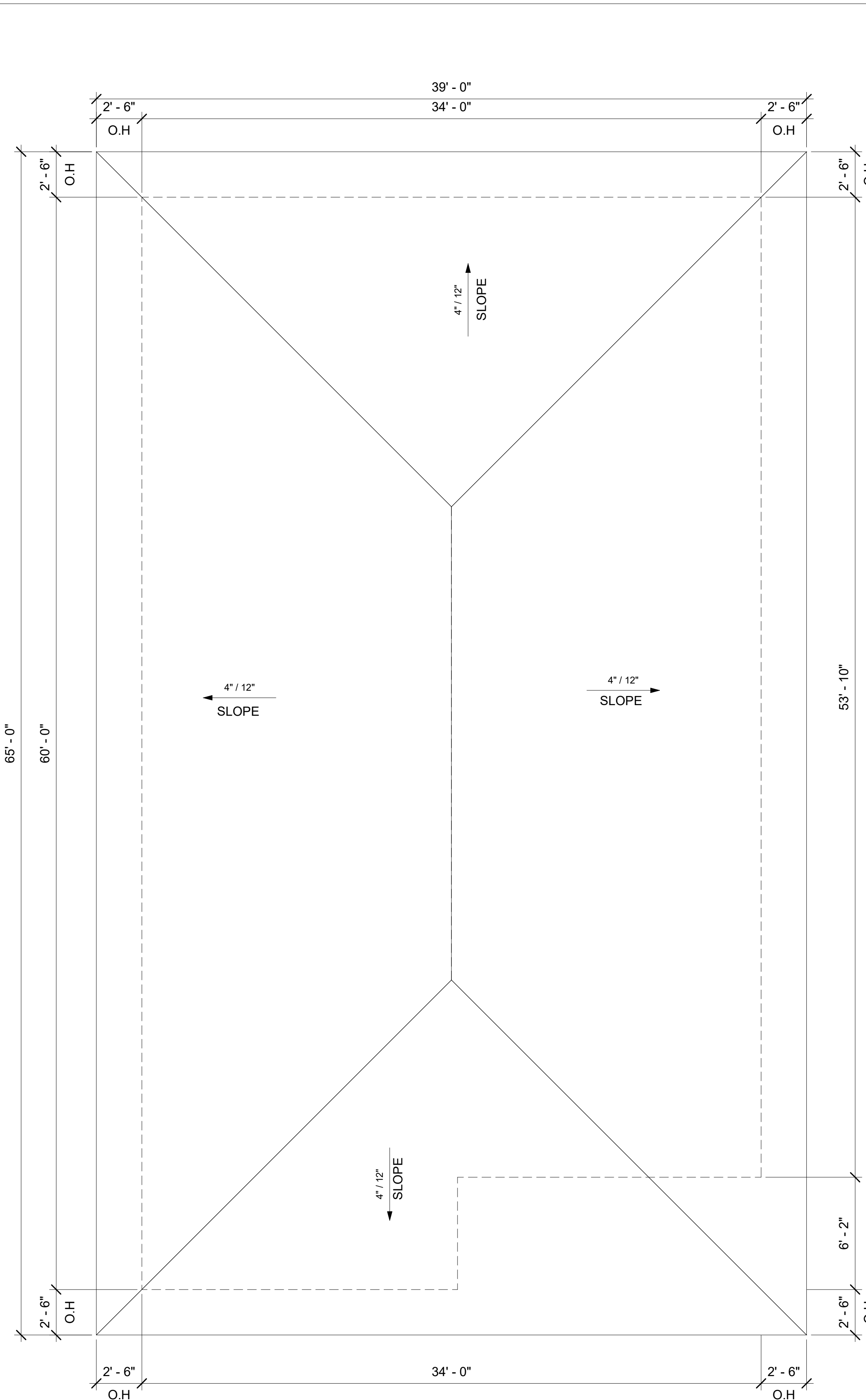
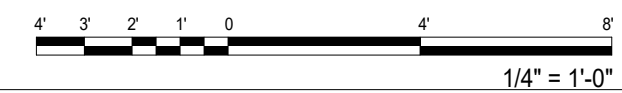
1 TOPO  
 1 1/2" = 1'-0"

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**1 LEVEL 2-ENLARGED FLOOR PLAN**  
 A004 SCALE: 1/4" = 1'-0"



**2 ROOF**  
 A004 SCALE: 1/4" = 1'-0"

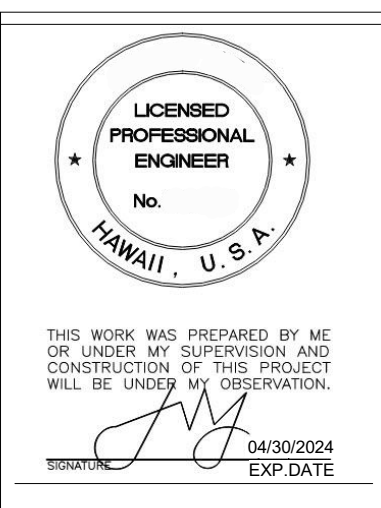


**GRAPHIC SCALES**

1/8" = 1'-0"	1/32" = 1'-0"	3/16" = 1'-0"	1/16" = 1'-0"
1/4" = 1'-0"	1/16" = 1'-0"	3/8" = 1'-0"	1/8" = 1'-0"
3/8" = 1'-0"	1/8" = 1'-0"	1/2" = 1'-0"	3/4" = 1'-0"
1/2" = 1'-0"	1/4" = 1'-0"	3/4" = 1'-0"	1" = 1'-0"
1" = 1'-0"	1 1/2" = 1'-0"	2" = 1'-0"	3" = 1'-0"

**LEGEND**

- (SD) SMOKE DETECTOR
- (DR) DOOR TAG
- (W) WINDOW TAG
- (CO) CARBON MONOXIDE DETECTOR



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**FLOOR AND ROOF PLAN**

REVISION	NO.

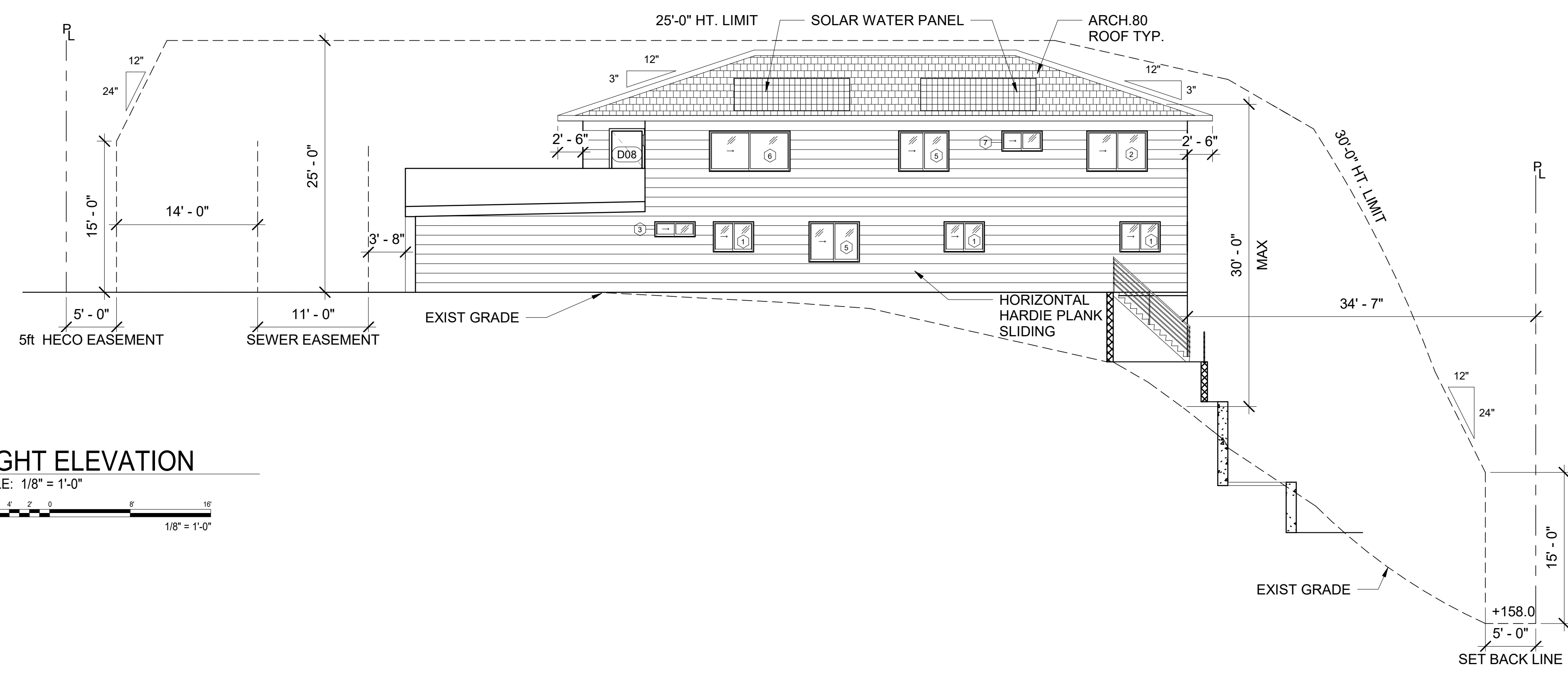
DATE: -  
 SHEET NO.:

**A004**

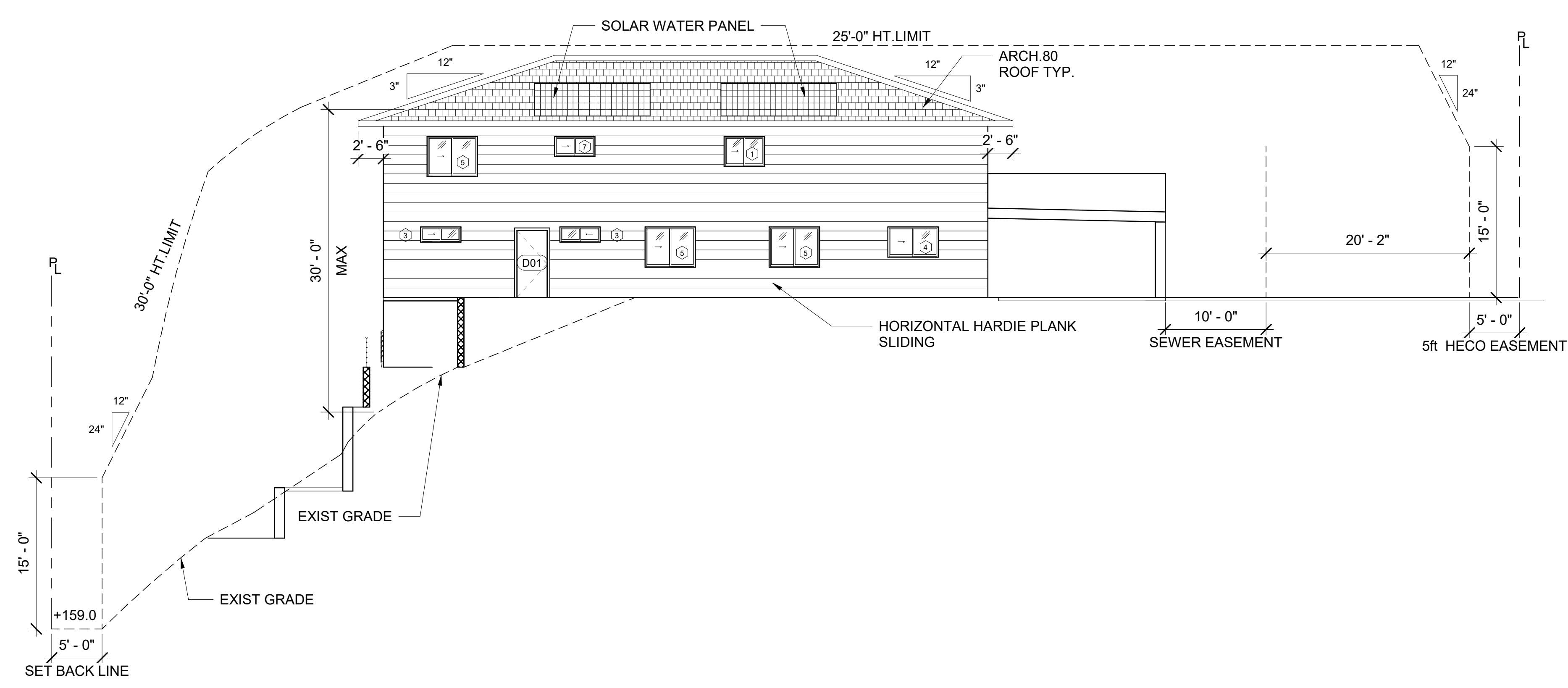
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**GRAPHIC SCALES**

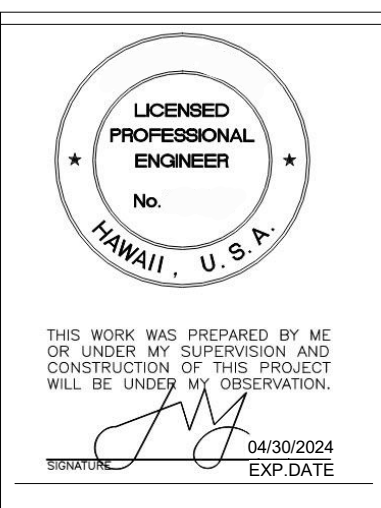
$\frac{1}{64}'' = 1'-0''$	$\frac{1}{32}'' = 1'-0''$	$\frac{3}{128}'' = 1'-0''$
$\frac{1}{32}'' = 1'-0''$	$\frac{1}{16}'' = 1'-0''$	$\frac{3}{64}'' = 1'-0''$
$\frac{1}{16}'' = 1'-0''$	$\frac{1}{8}'' = 1'-0''$	$\frac{3}{32}'' = 1'-0''$
$\frac{1}{8}'' = 1'-0''$	$\frac{1}{4}'' = 1'-0''$	$\frac{3}{16}'' = 1'-0''$
$\frac{1}{4}'' = 1'-0''$	$\frac{1}{2}'' = 1'-0''$	$\frac{3}{8}'' = 1'-0''$
$\frac{1}{2}'' = 1'-0''$	$1'' = 1'-0''$	$1\frac{1}{2}'' = 1'-0''$
$1'' = 1'-0''$	$2'' = 1'-0''$	$3'' = 1'-0''$
$3'' = 1'-0''$	$4'' = 1'-0''$	$6'' = 1'-0''$
$6'' = 1'-0''$	$12'' = 1'-0''$	$24'' = 1'-0''$



**1 RIGHT ELEVATION**  
 A005 SCALE: 1/8" = 1'-0"



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



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**ELEVATIONS**

REVISION	NO.

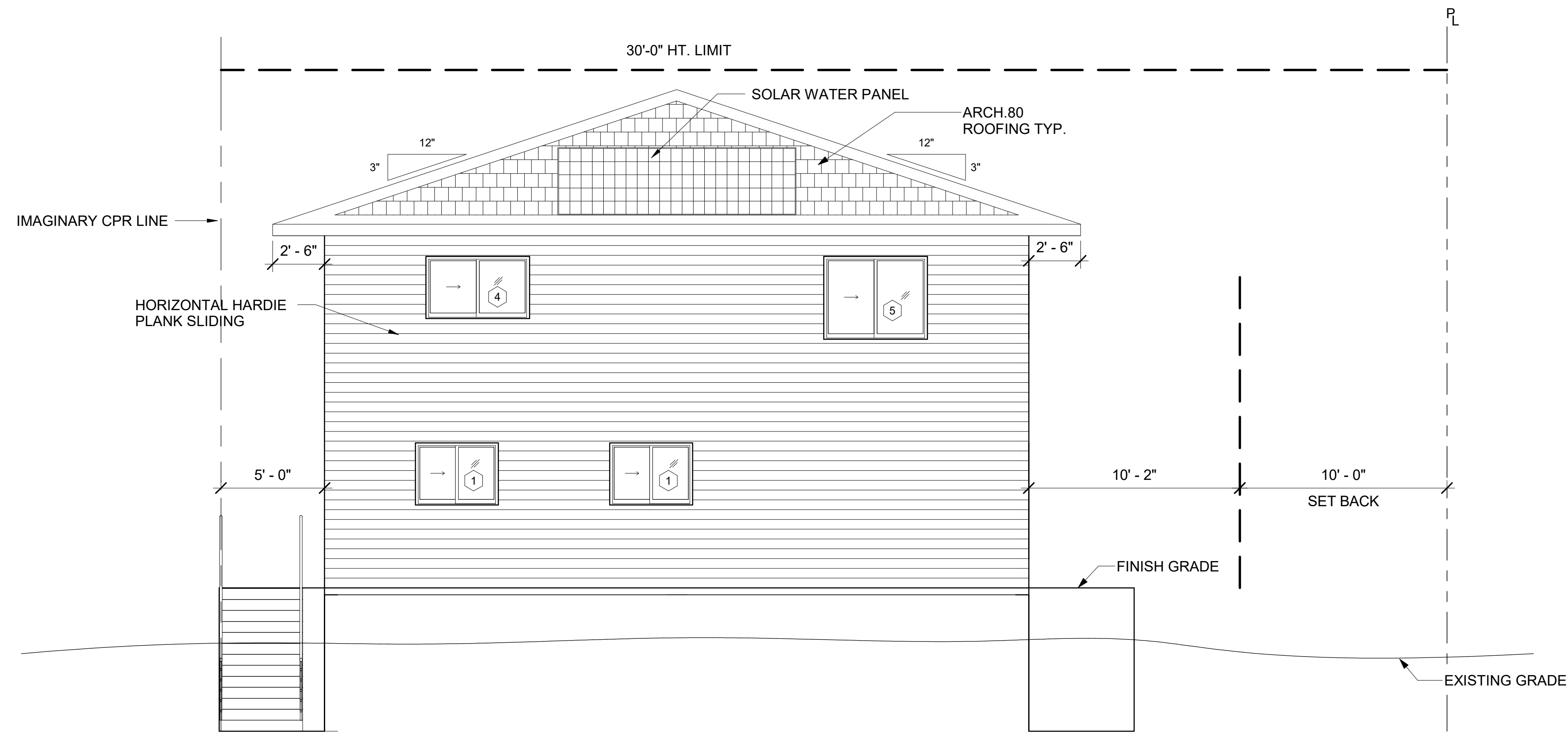
DATE: -  
 SHEET NO.:

**A005**

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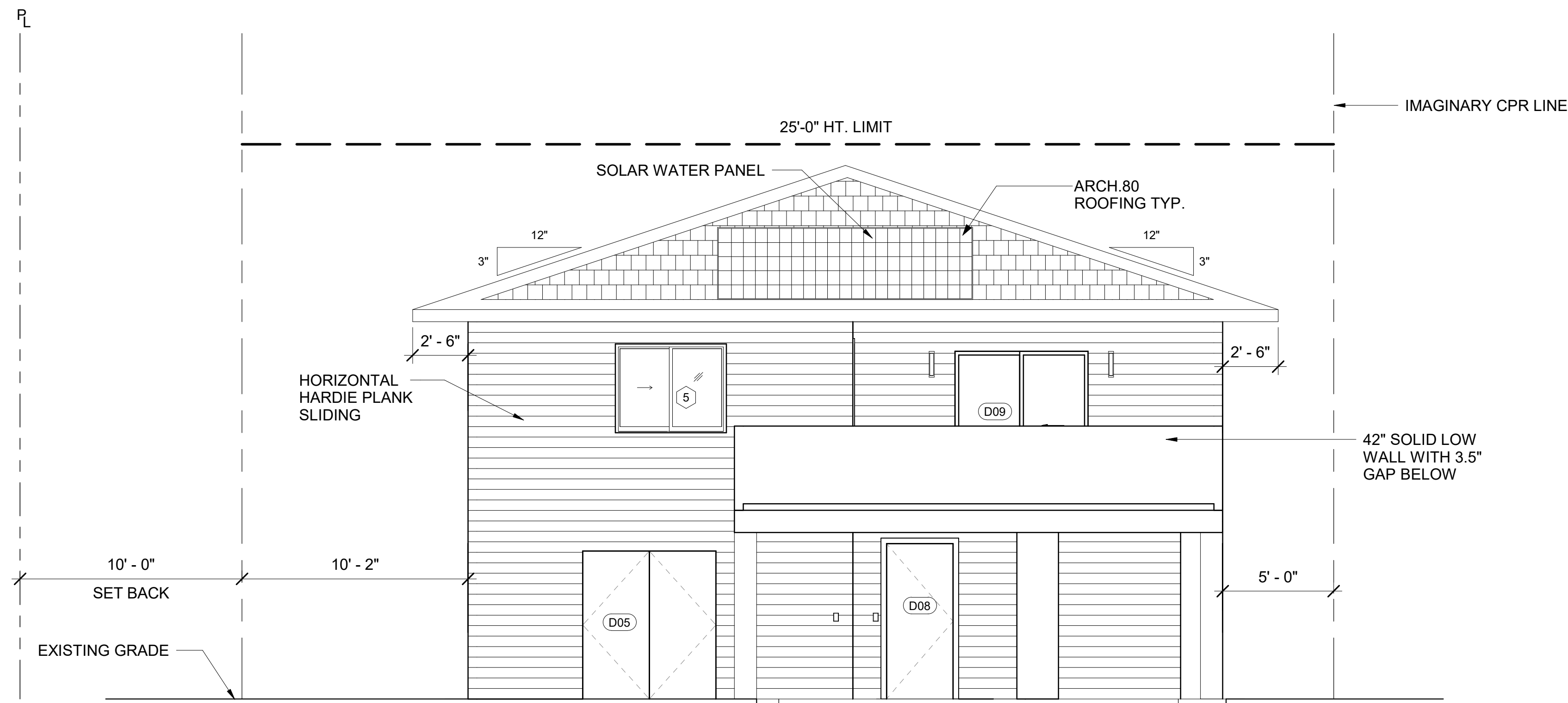
**GRAPHIC SCALES**

$\frac{1}{64}'' = 1'-0''$	$\frac{1}{32}'' = 1'-0''$	$\frac{3}{128}'' = 1'-0''$
$\frac{1}{32}'' = 1'-0''$	$\frac{3}{64}'' = 1'-0''$	$\frac{1}{16}'' = 1'-0''$
$\frac{1}{16}'' = 1'-0''$	$\frac{1}{8}'' = 1'-0''$	$\frac{1}{4}'' = 1'-0''$
$\frac{1}{8}'' = 1'-0''$	$\frac{3}{16}'' = 1'-0''$	$\frac{1}{2}'' = 1'-0''$
$\frac{1}{4}'' = 1'-0''$	$\frac{1}{2}'' = 1'-0''$	$1'' = 1'-0''$
$\frac{1}{2}'' = 1'-0''$	$1'' = 1'-0''$	$1\frac{1}{2}'' = 1'-0''$
$1'' = 1'-0''$	$1\frac{1}{2}'' = 1'-0''$	$2'' = 1'-0''$
$2'' = 1'-0''$	$3'' = 1'-0''$	$4'' = 1'-0''$
$3'' = 1'-0''$	$4'' = 1'-0''$	$6'' = 1'-0''$



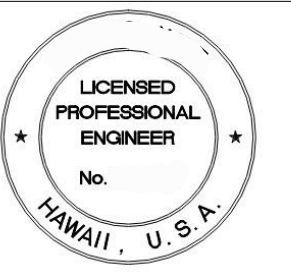
**1 REAR ELEVATION**

A006 SCALE: 1/4" = 1'-0"



**2 FRONT ELEVATION**

A006 SCALE: 1/4" = 1'-0"



LICENSED PROFESSIONAL ENGINEER  
No. [blank]  
HAWAII, U.S.A.  
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EXP. DATE

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**ELEVATIONS**

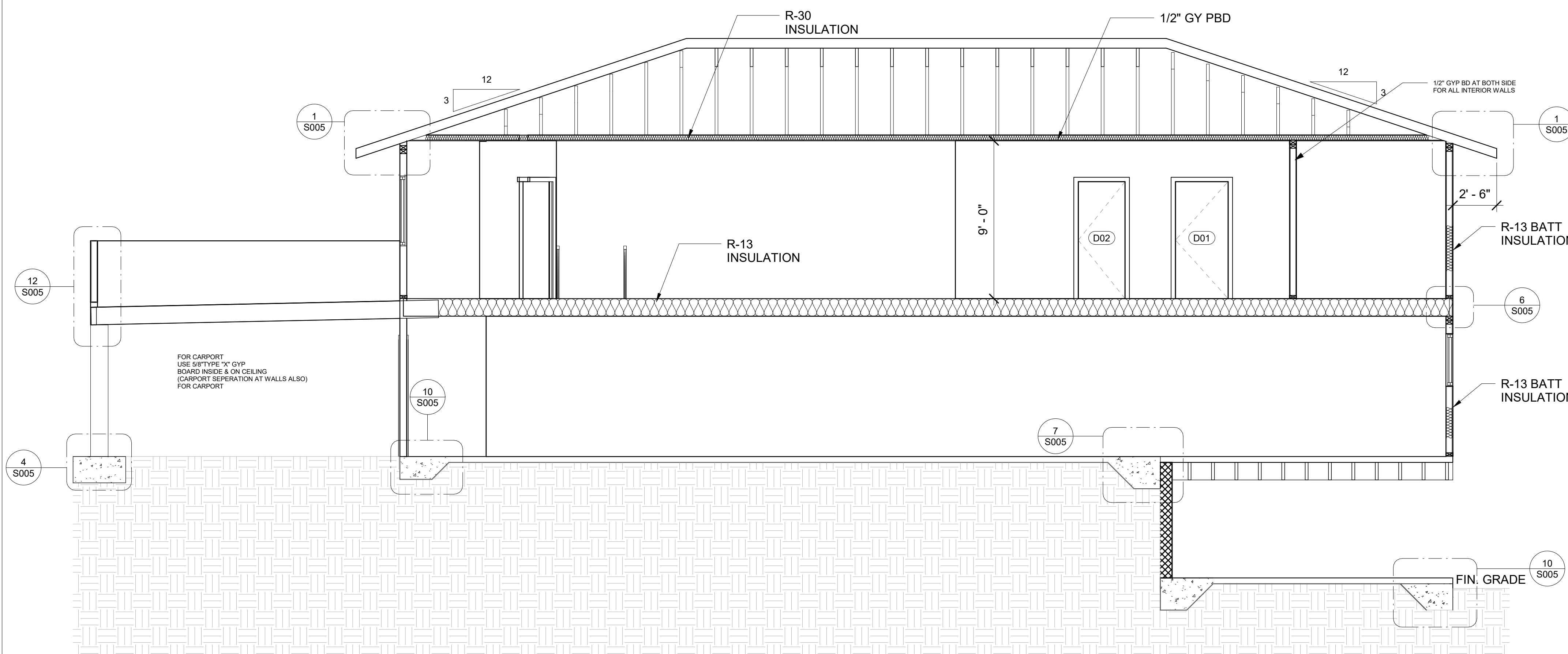
REVISION	NO.

DATE: -

SHEET NO.:

**A006**

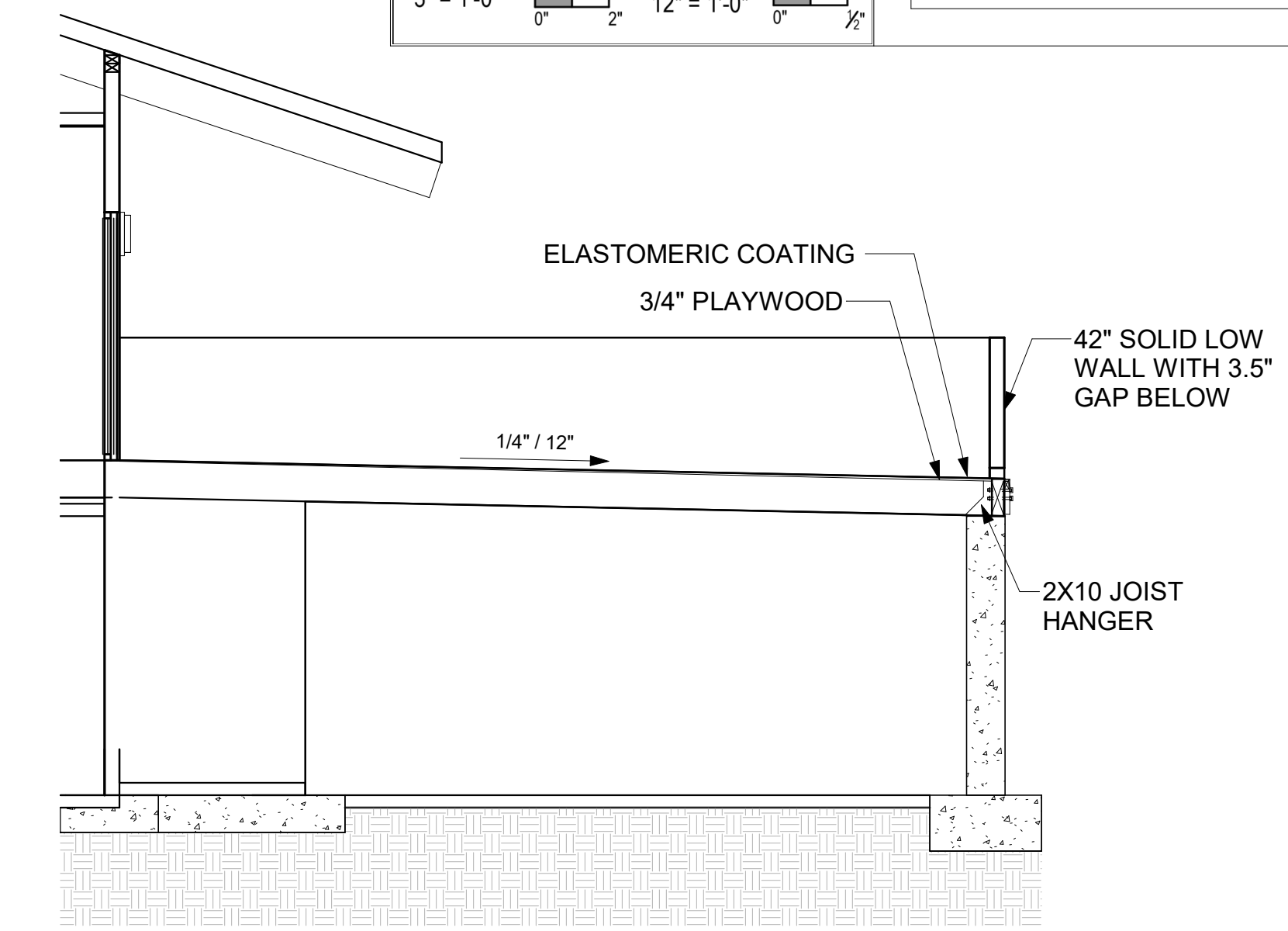
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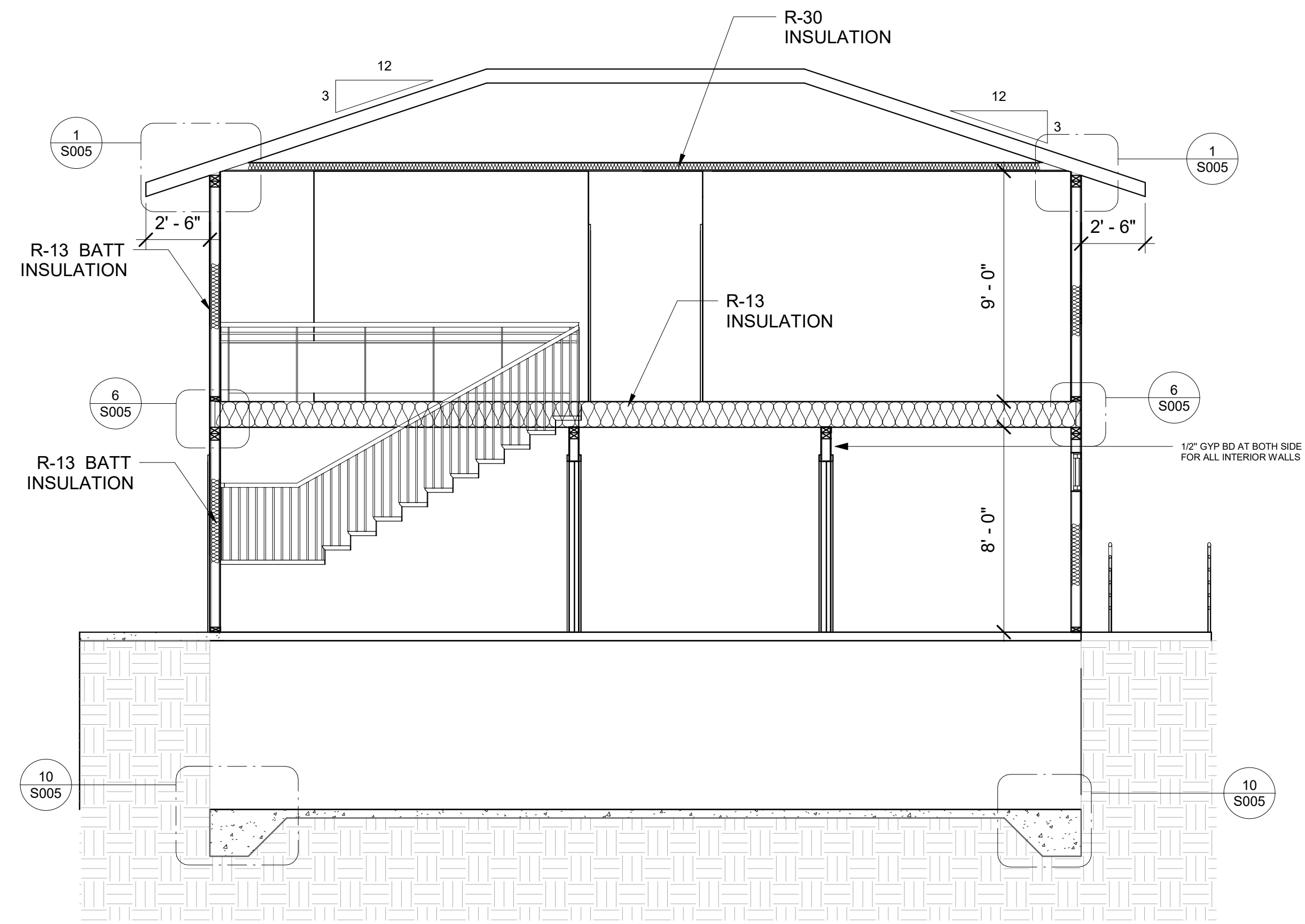
**1 BUILDING SECTION**  
 A007 SCALE: 1/4" = 1'-0"  
 1/4" = 1'-0"

**GRAPHIC SCALES**

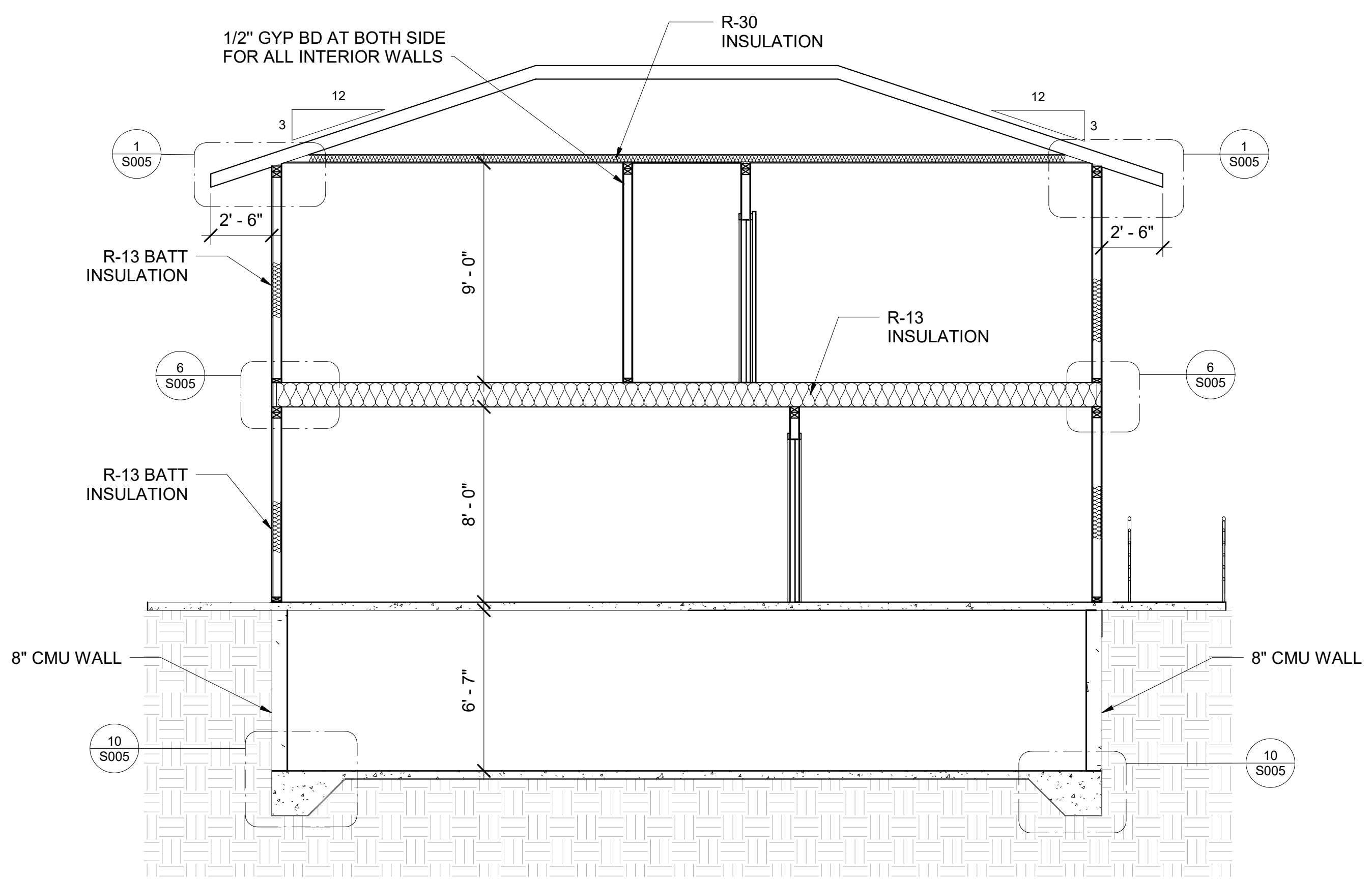
1/8" = 1'-0"	1/16" = 1'-0"	3/32" = 1'-0"	1/32" = 1'-0"
1/4" = 1'-0"	1/8" = 1'-0"	3/16" = 1'-0"	1/16" = 1'-0"
3/8" = 1'-0"	1/2" = 1'-0"	5/16" = 1'-0"	3/16" = 1'-0"
1" = 1'-0"	1 1/2" = 1'-0"	1 3/4" = 1'-0"	2" = 1'-0"
3" = 1'-0"	4" = 1'-0"	6" = 1'-0"	12" = 1'-0"



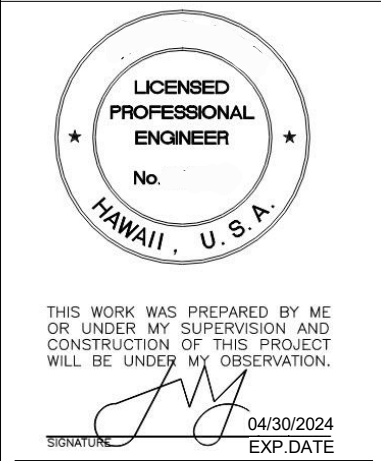
**4 CARPORT SECTION**  
 1/4" = 1'-0"



**2 BUILDING SECTION**  
 A007 SCALE: 1/4" = 1'-0"  
 1/4" = 1'-0"



**3 BUILDING SECTION**  
 A007 SCALE: 1/4" = 1'-0"  
 1/4" = 1'-0"



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SECTIONS

REVISION	NO.

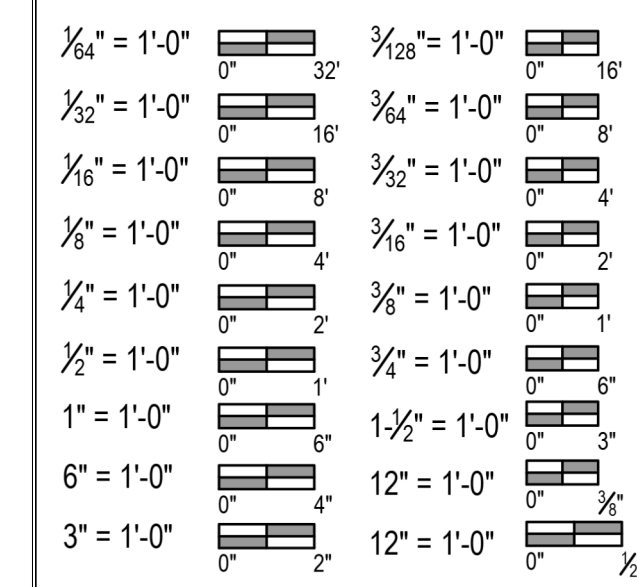
DATE: -  
 SHEET NO.:

**A007**

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**GRAPHIC SCALES**



DOOR SCHEDULE									
DOOR TYPE									
DOOR NUMBER	D01	D02	D03	D04	D05	D06	D07	D08	D09
SIZE (WxHxTHK)	3'-0"x 6'-8"x 2"	2'-8"x 6'-8"x 2"	4'-6"x 6'-8"x 1 3/8"	6'-0"x 6'-8"x 1 3/8"	6'-0"x 6'-8"x 2"	3'-0"x 7'-0"x 2"	4'-0"x 6'-8"x 1 3/8"	3'-0"x 7'-0"x 2"	5'-0"x 6'-8"x 1 3/8"
DOOR MATERIAL	SOLID CORE WOOD SINGLE FLUSH DOOR	SOLID CORE WOOD SINGLE FLUSH DOOR	SOLID CORE WOOD DOUBLE SLIDING DOOR	SOLID CORE WOOD DOUBLE SLIDING DOOR	SOLID CORE WOOD SINGLE FLUSH DOOR	SOLID CORE WOOD BARN DOOR	SOLID CORE WOOD DOUBLE SLIDING DOOR	SOLID CORE WOOD SINGLE FLUSH DOOR	GLASS DOUBLE SLIDING DOOR
FINISH	PAINTED	PAINTED	PAINTED	PAINTED	PAINTED	PAINTED	PAINTED	PAINTED	PAINTED

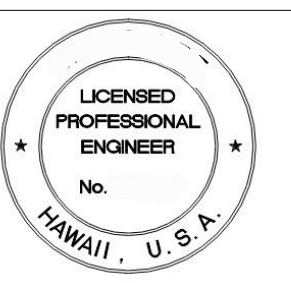
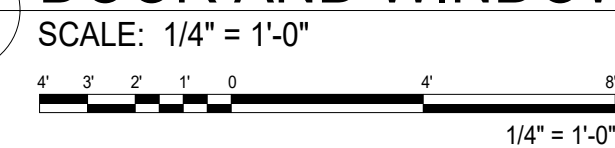
WINDOW SCHEDULE							
WINDOW TYPE							
WINDOW NUMBER	1	2	3	4	5	6	7
SIZE (WxHxTHK)	4'-0"x 3'-0"x 4 3/4"	6'-0"x 4'-0"x 4 3/4"	4'-0"x 1'-6"x 4 3/4"	5'-0"x 3'-0"x 4 3/4"	5'-0"x 4'-0"x 4 3/4"	8'-0"x 4'-0"x 4 3/4"	4'-0"x 2'-0"x 4 3/4"
WINDOW MATERIAL	VINYL FRAME DOUBLE SLIDING WINDOW	VINYL FRAME DOUBLE SLIDING WINDOW	VINYL FRAME DOUBLE SLIDING WINDOW	VINYL FRAME DOUBLE SLIDING WINDOW	VINYL FRAME DOUBLE SLIDING WINDOW	VINYL FRAME DOUBLE SLIDING WINDOW	VINYL FRAME DOUBLE SLIDING WINDOW
FINISH	CLEAR	CLEAR	CLEAR	CLEAR	CLEAR	CLEAR	CLEAR

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 AND WINDOWS SCHEDULES**



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**DOOR WINDOW SCHEDULES**

REVISION	NO.

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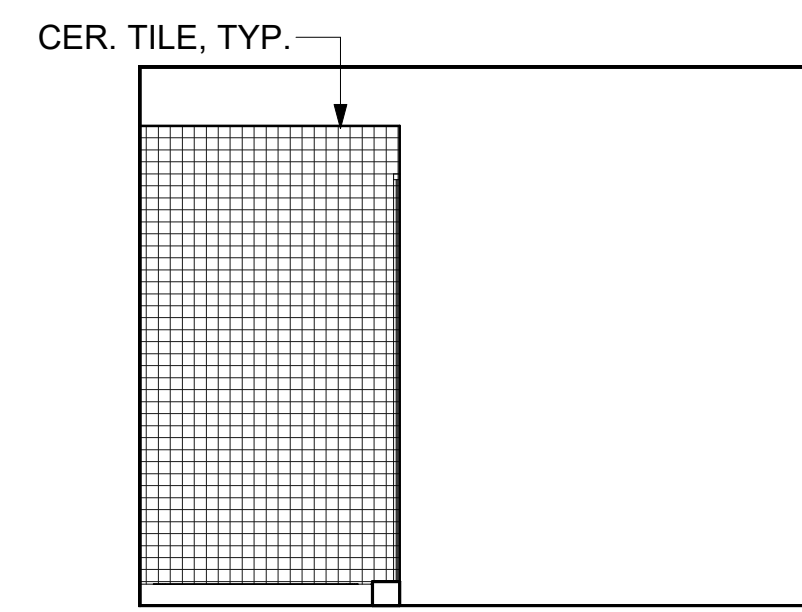
SHEET NO.:

**A008**

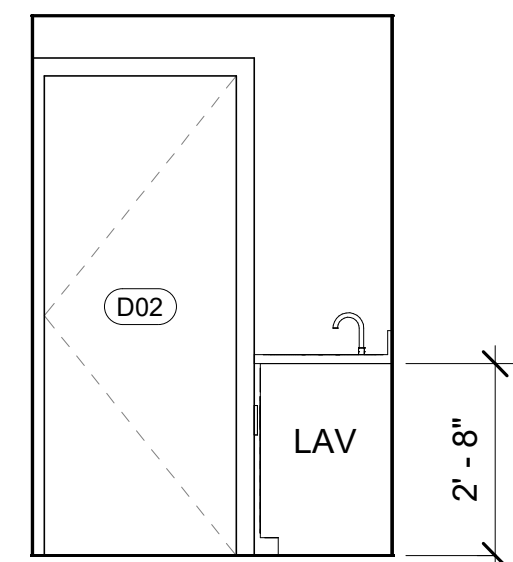
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**GRAPHIC SCALES**

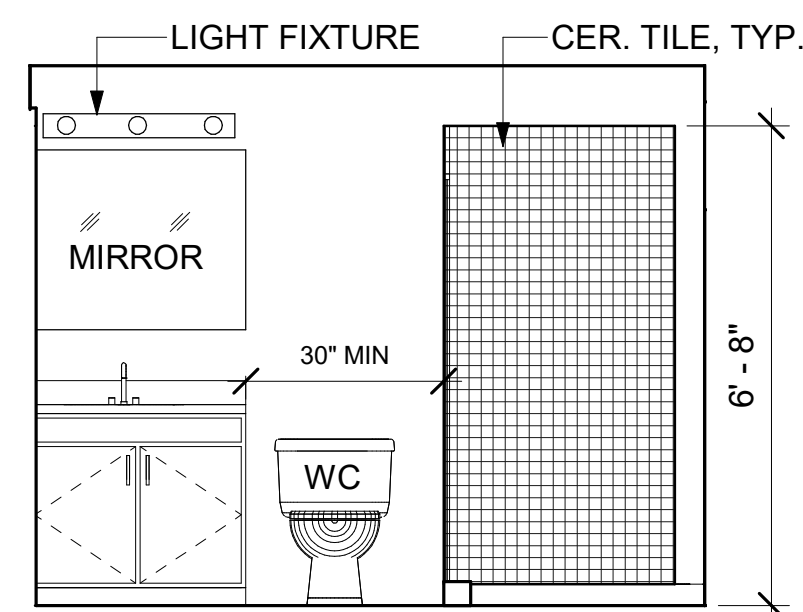
$\frac{1}{8}'' = 1'-0''$	$\frac{1}{16}'' = 1'-0''$	$\frac{3}{32}'' = 1'-0''$	$\frac{1}{4}'' = 1'-0''$
$\frac{1}{4}'' = 1'-0''$	$\frac{3}{8}'' = 1'-0''$	$\frac{1}{2}'' = 1'-0''$	$\frac{3}{4}'' = 1'-0''$
$1'' = 1'-0''$	$1\frac{1}{2}'' = 1'-0''$	$2'' = 1'-0''$	$3'' = 1'-0''$



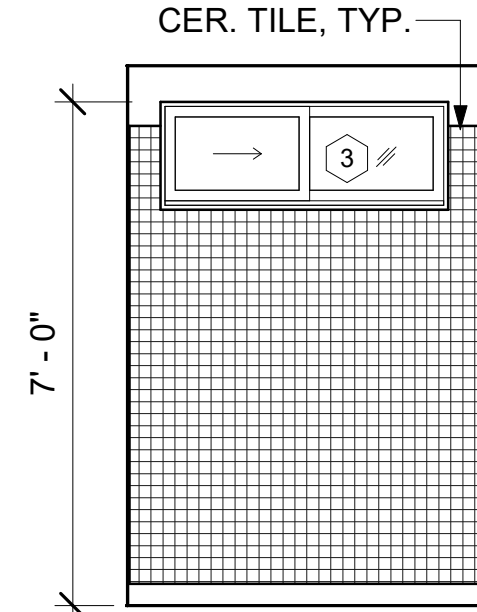
A



B

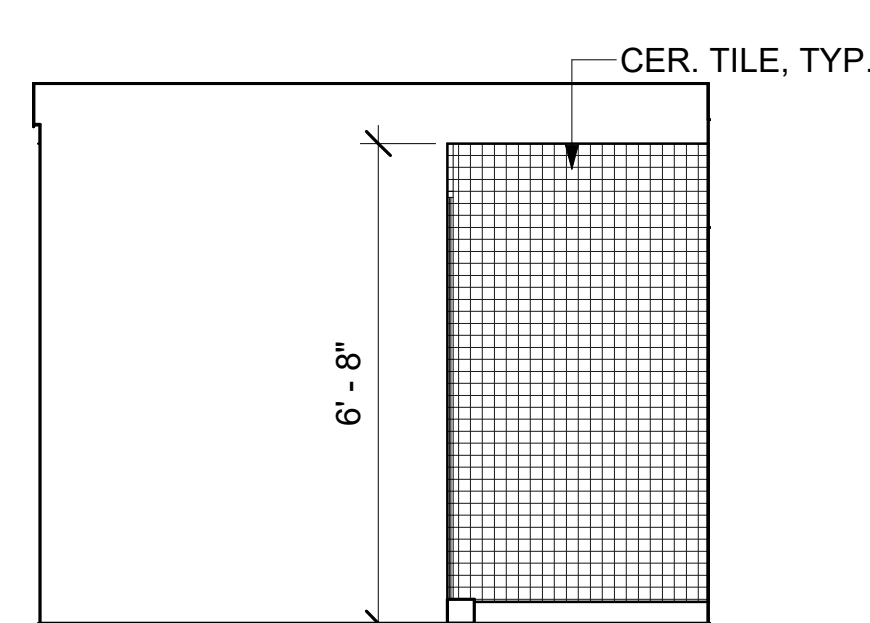


C

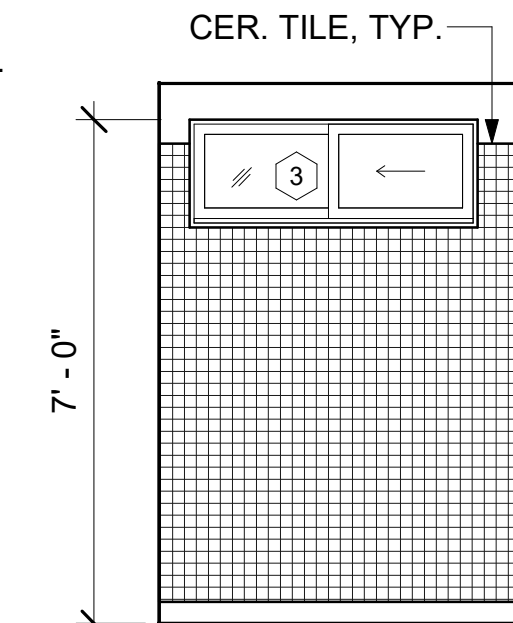


D

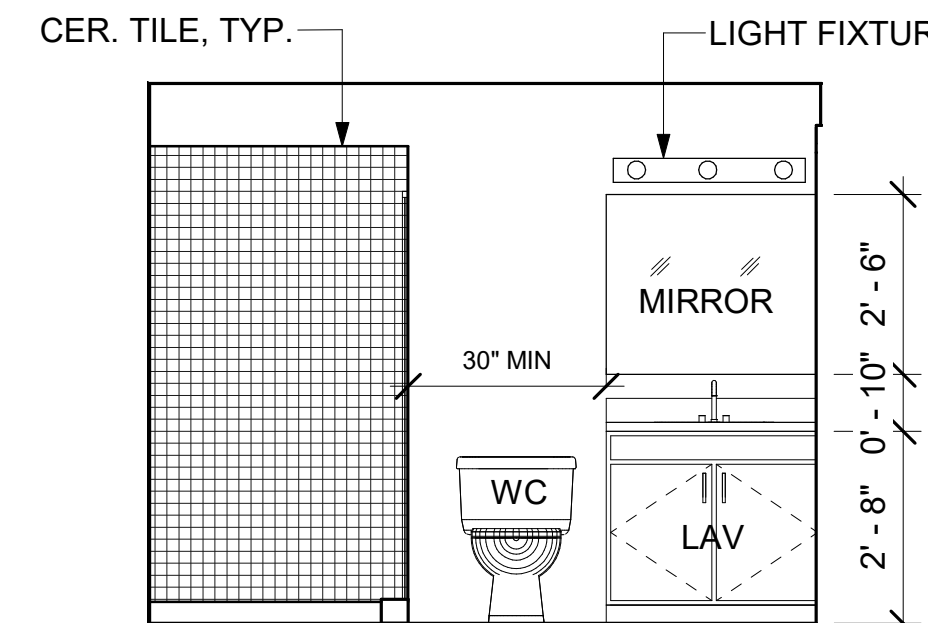
1 BATH#1  
3/8" = 1'-0"



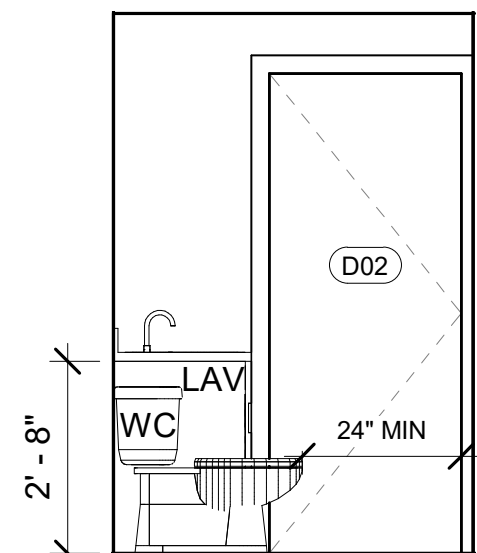
A



B

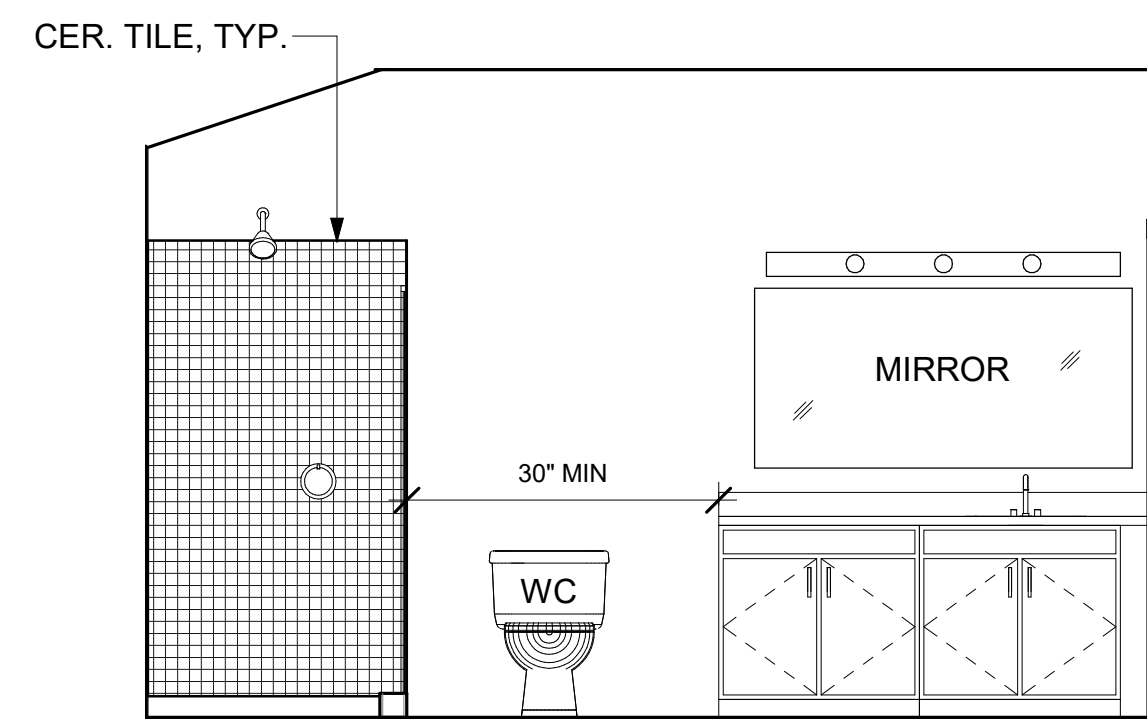


C

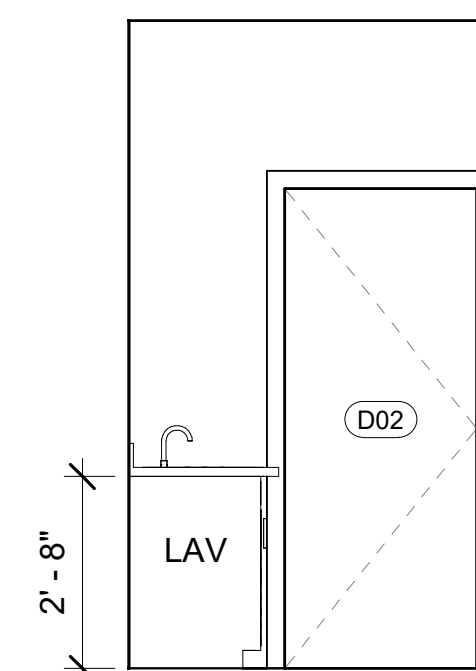


D

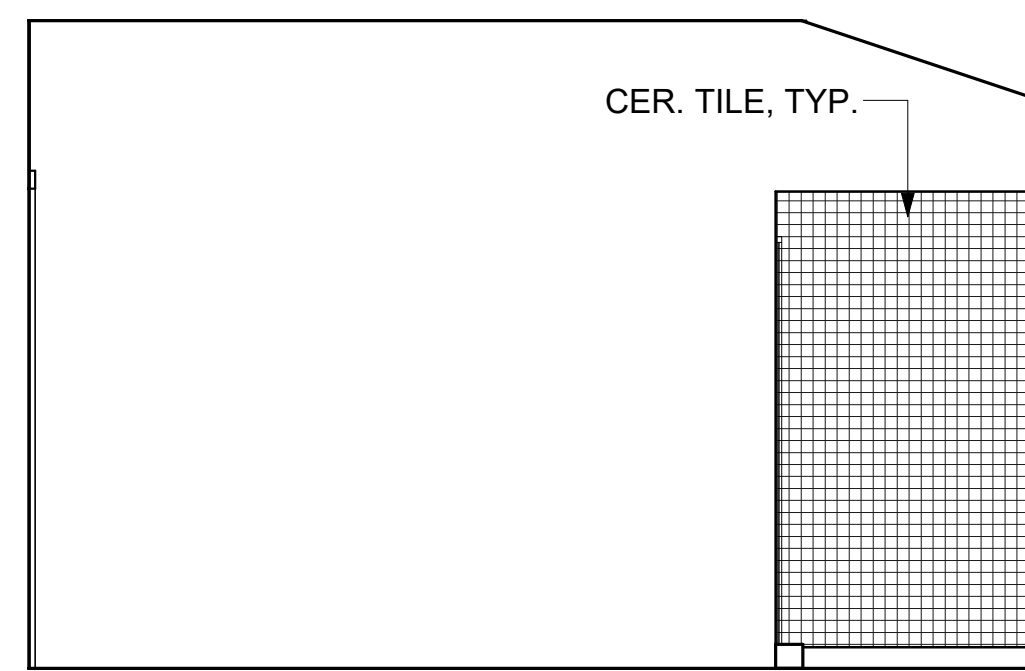
2 BATH#2  
3/8" = 1'-0"



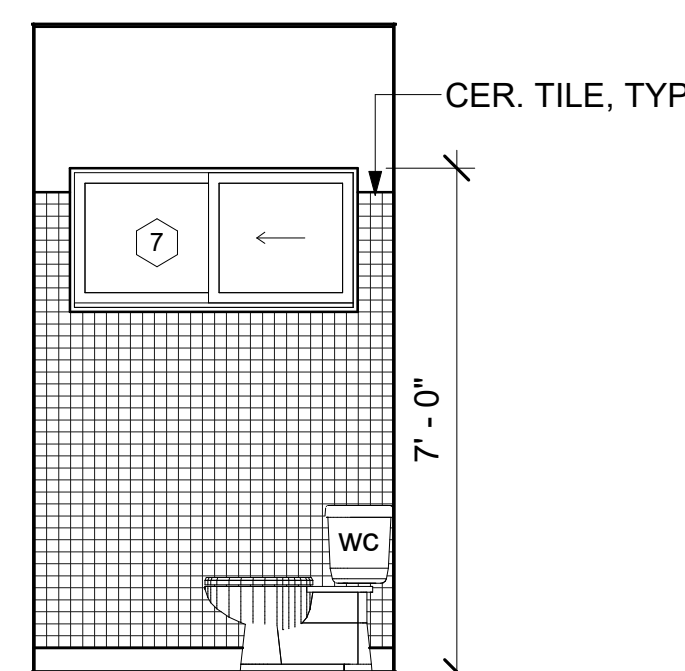
A



B

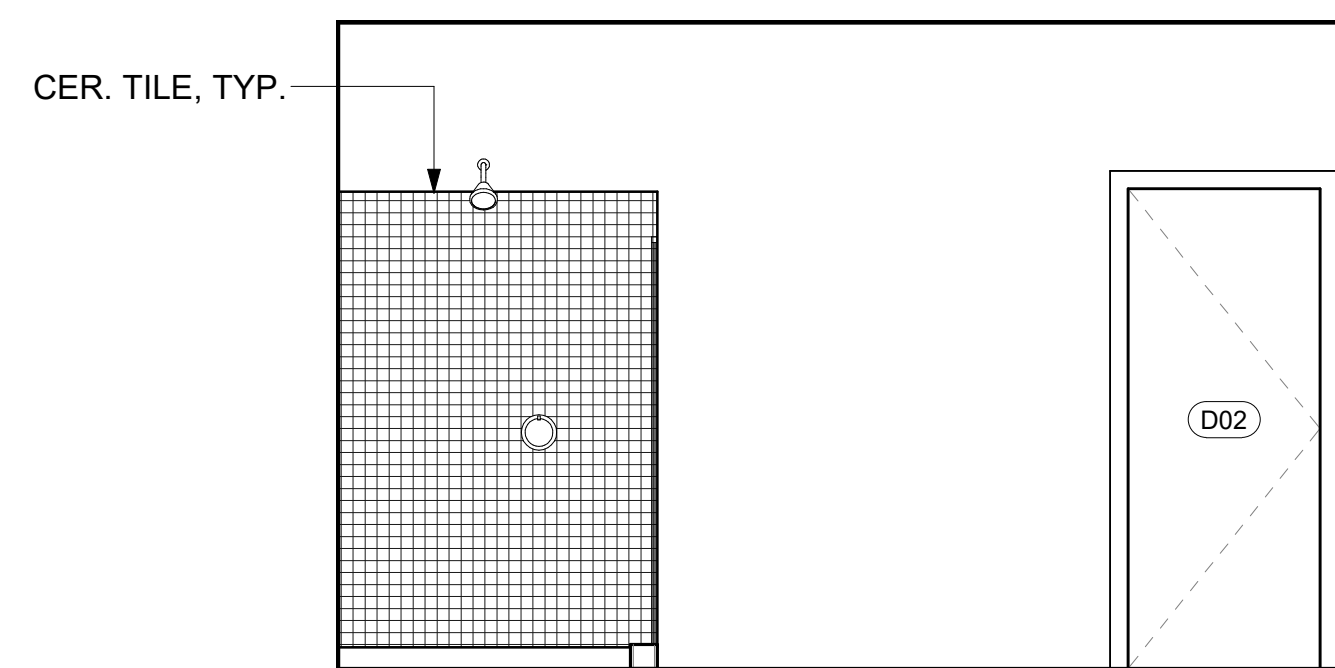


C

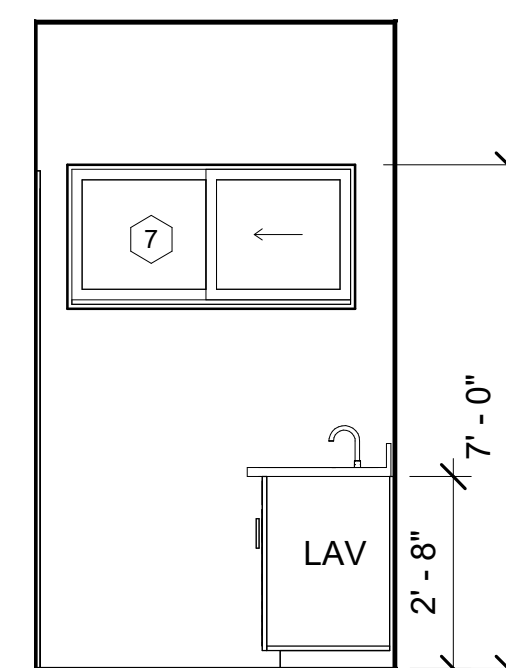


D

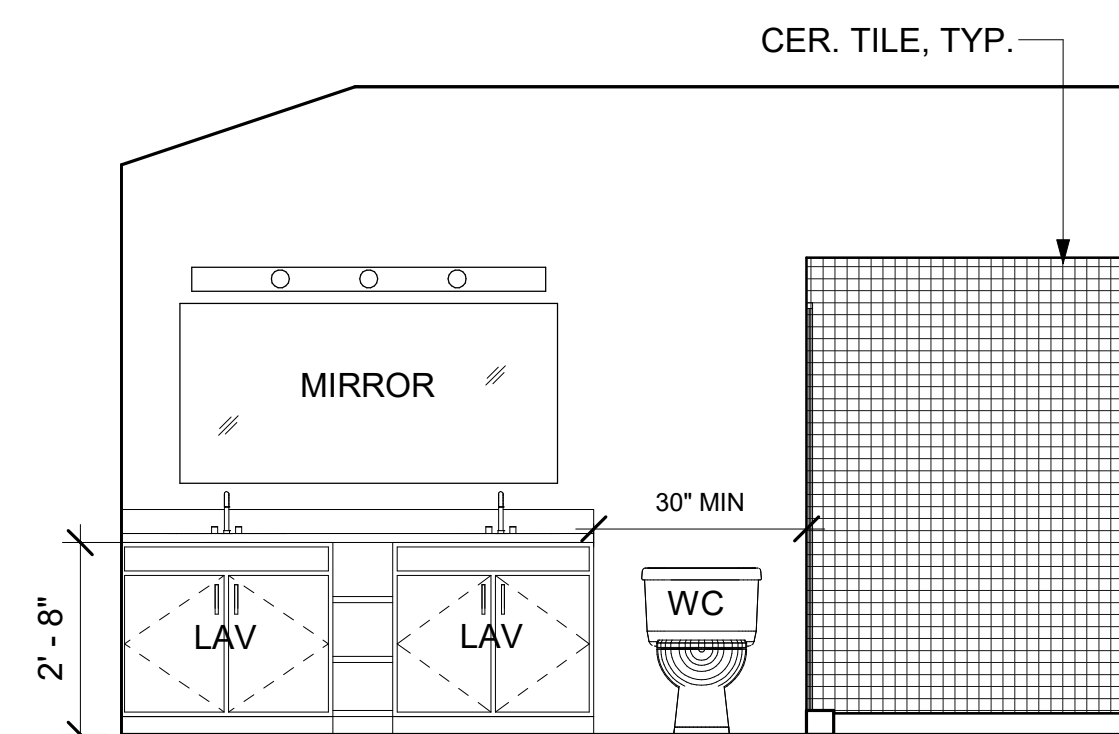
3 BATH#3  
3/8" = 1'-0"



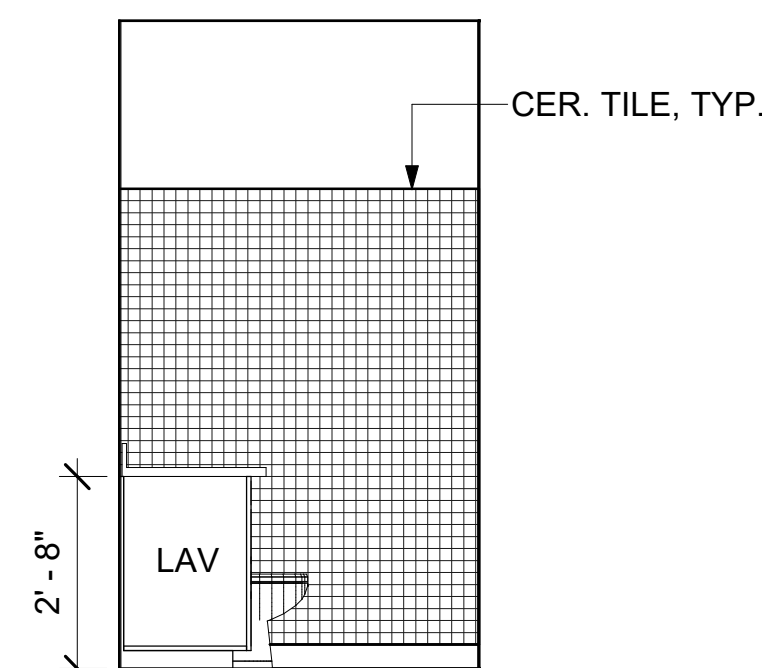
A



B

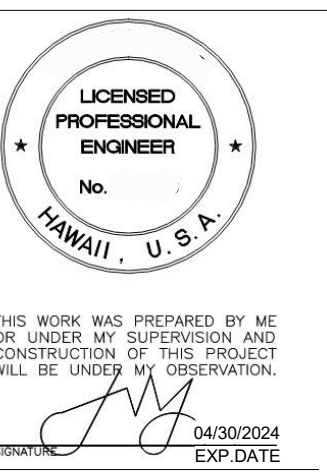


C



D

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



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INTR ELEVATIONS

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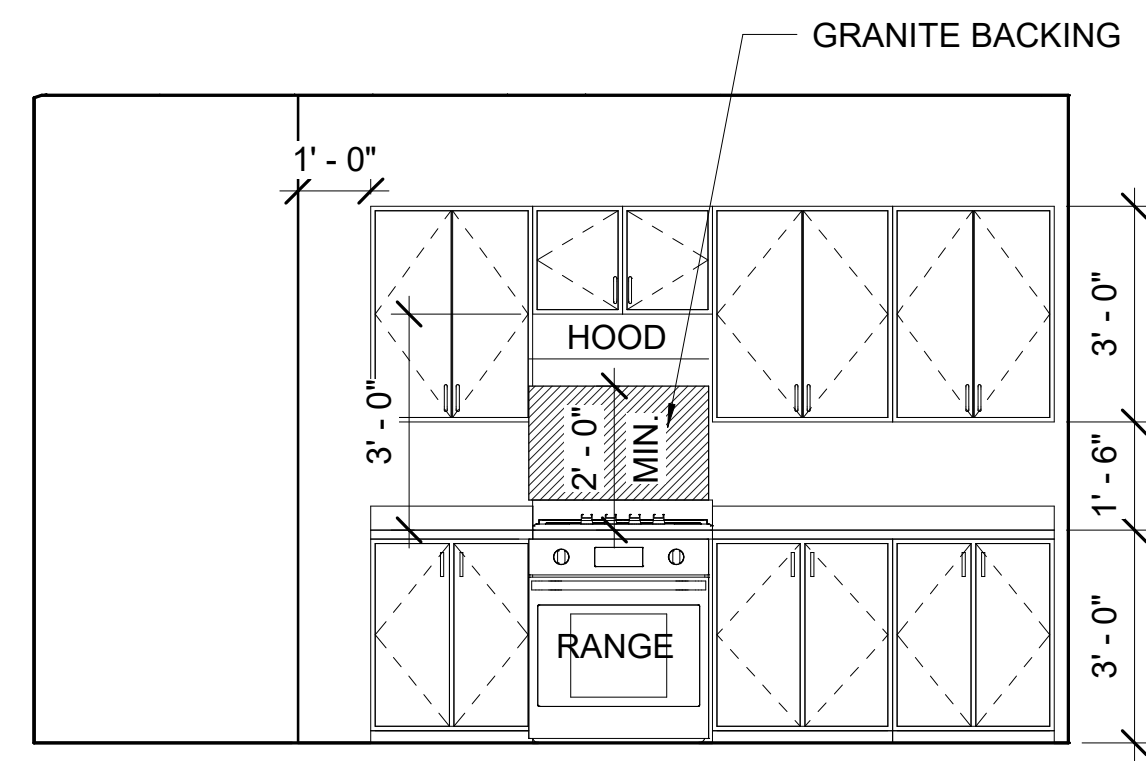
SHEET NO.:

A009

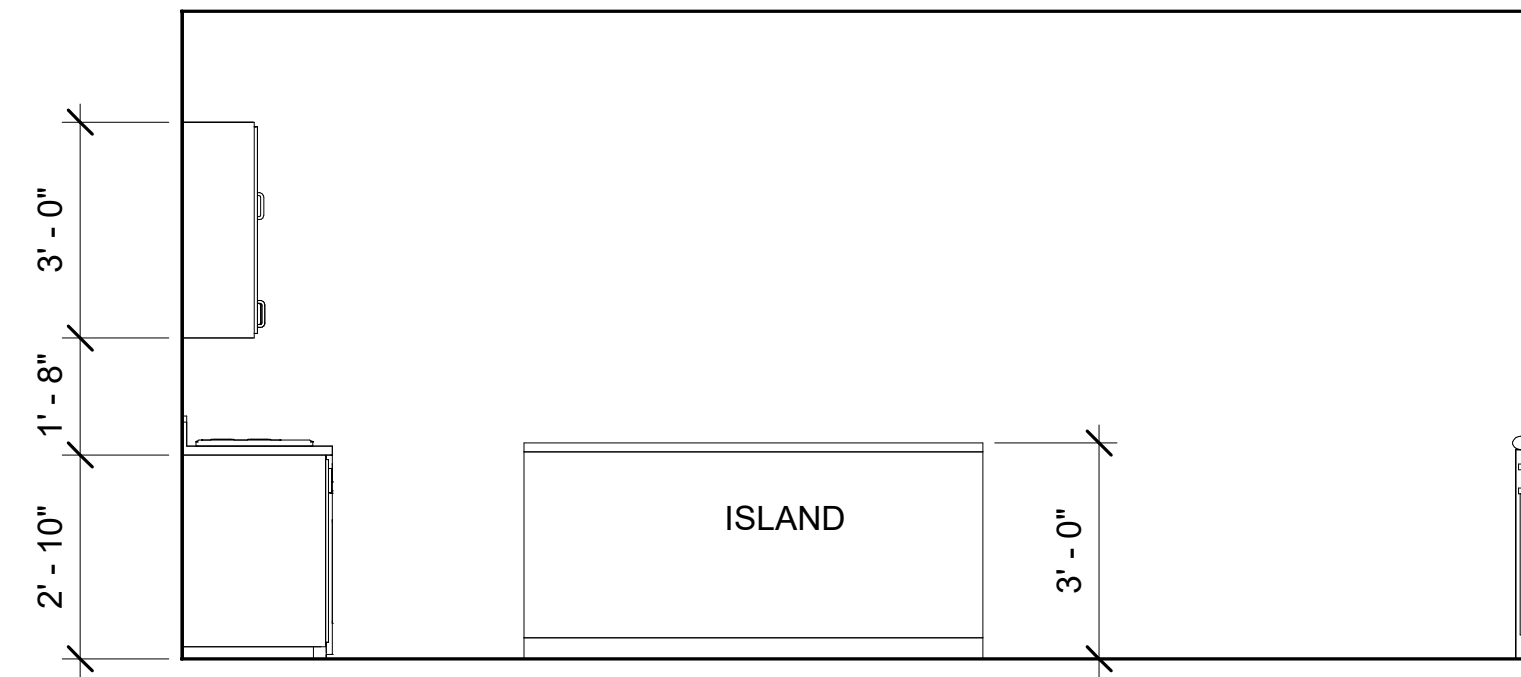
IF DRAWING IS NOT 24"X36" IT IS A REDUCED PRINT

**GRAPHIC SCALES**

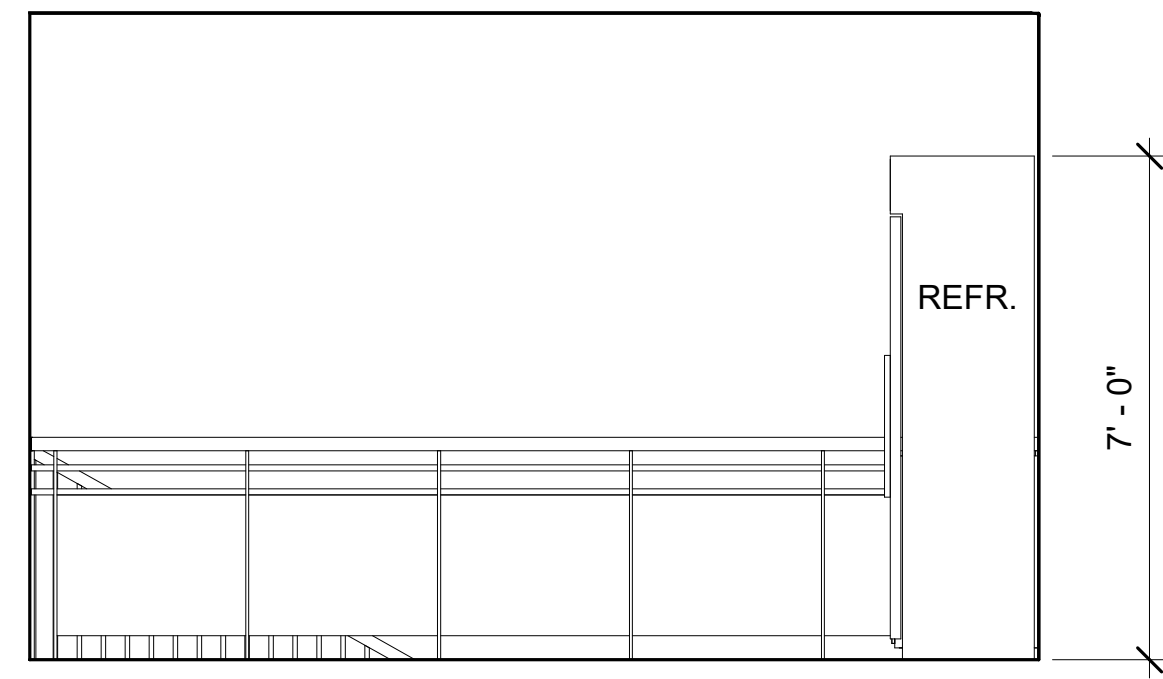
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$\frac{1}{32}'' = 1'-0''$		$\frac{3}{64}'' = 1'-0''$	
$\frac{1}{16}'' = 1'-0''$		$\frac{3}{32}'' = 1'-0''$	
$\frac{1}{8}'' = 1'-0''$		$\frac{3}{16}'' = 1'-0''$	
$\frac{1}{4}'' = 1'-0''$		$\frac{3}{8}'' = 1'-0''$	
$\frac{1}{2}'' = 1'-0''$		$\frac{3}{4}'' = 1'-0''$	
$1'' = 1'-0''$		$1\frac{1}{2}'' = 1'-0''$	
$6'' = 1'-0''$		$12'' = 1'-0''$	
$3'' = 1'-0''$			



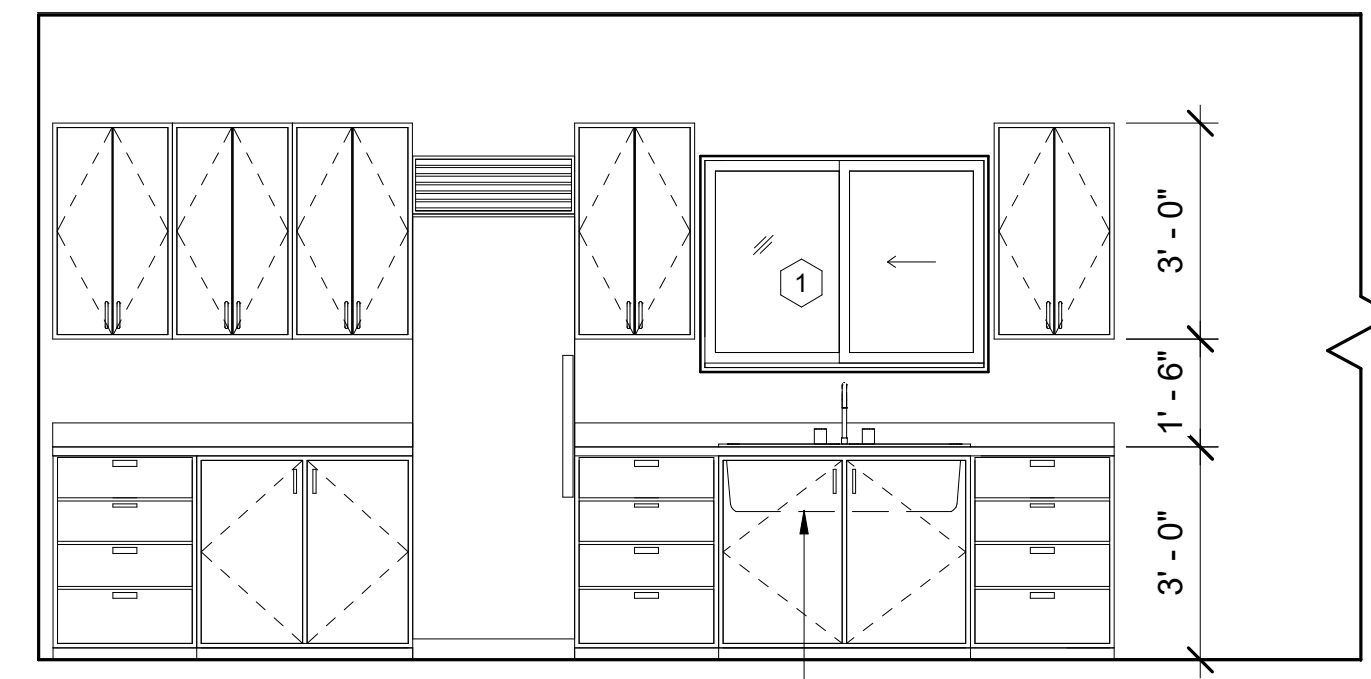
A



B

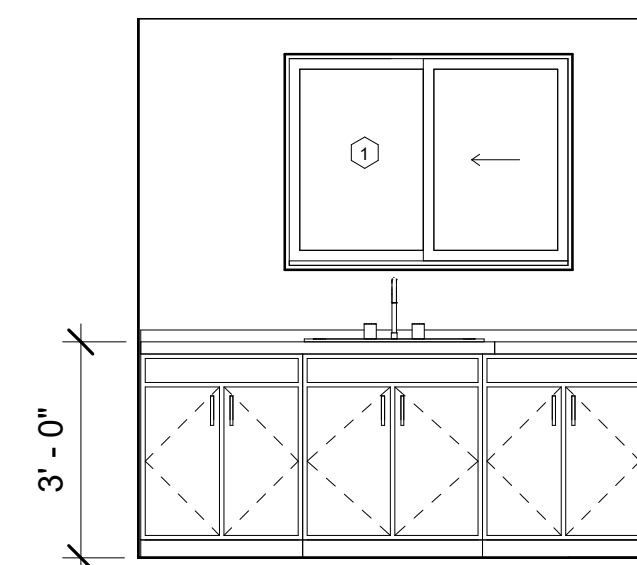


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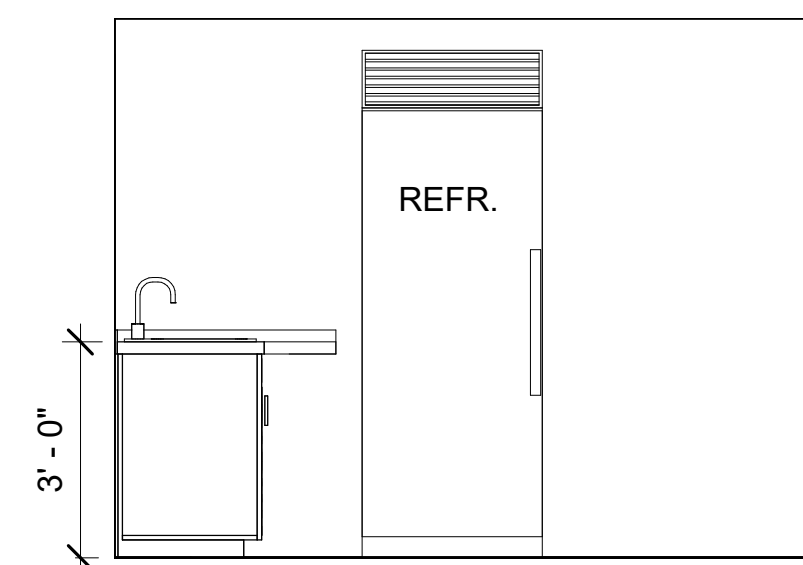


D

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

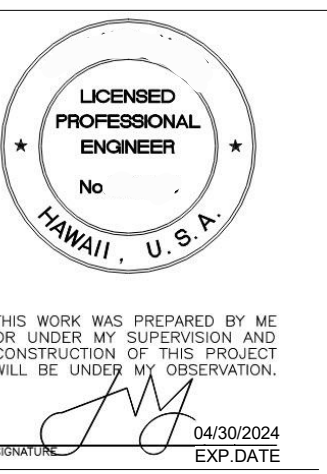


A



B

2 WET BAR  
3/8" = 1'-0"



1773 AKAHU STREET UNIT A  
HONOLULU, HI 96819  
TMK: 1-3-025-024

INTR ELEVATIONS

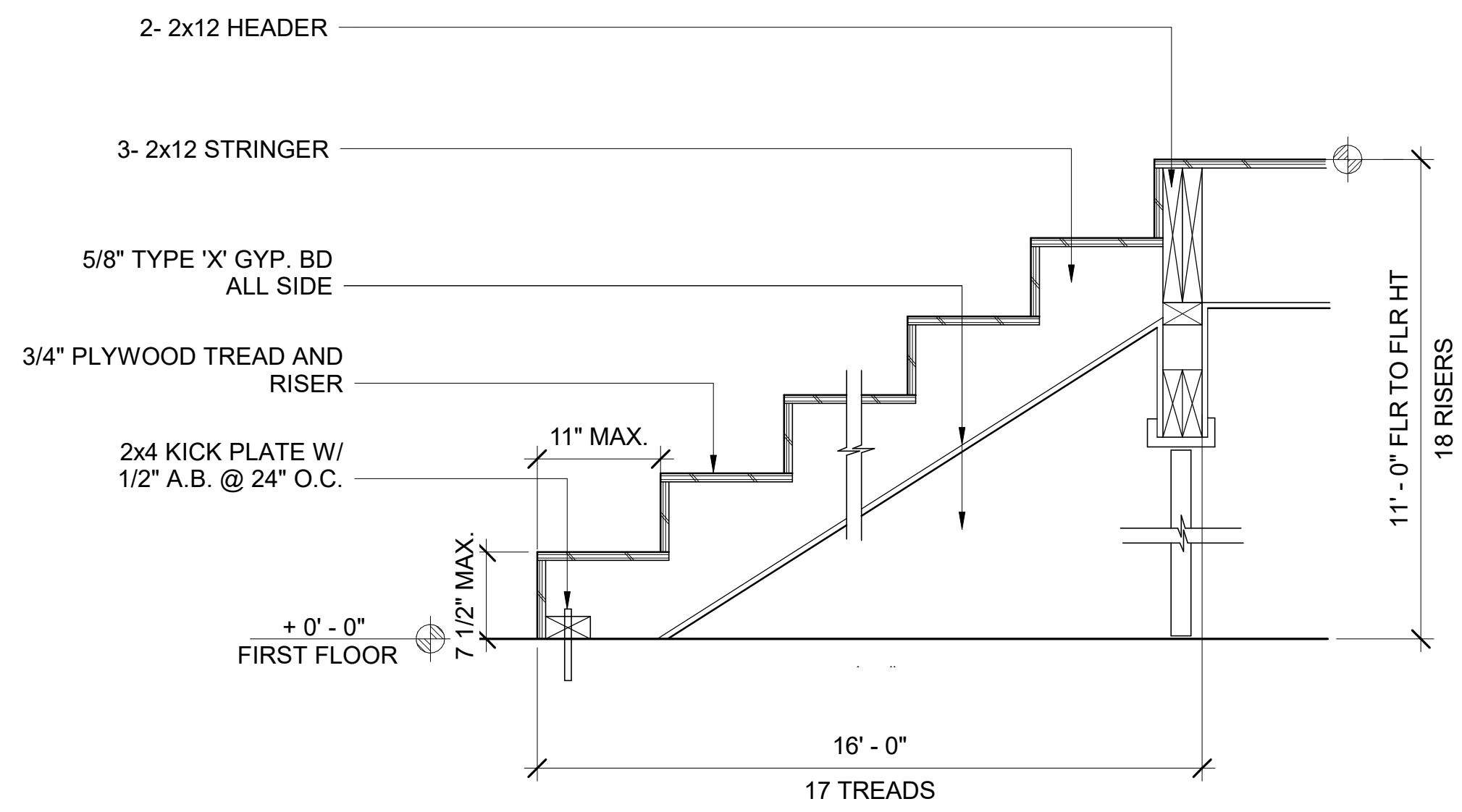
REVISION	NO.

DATE: -

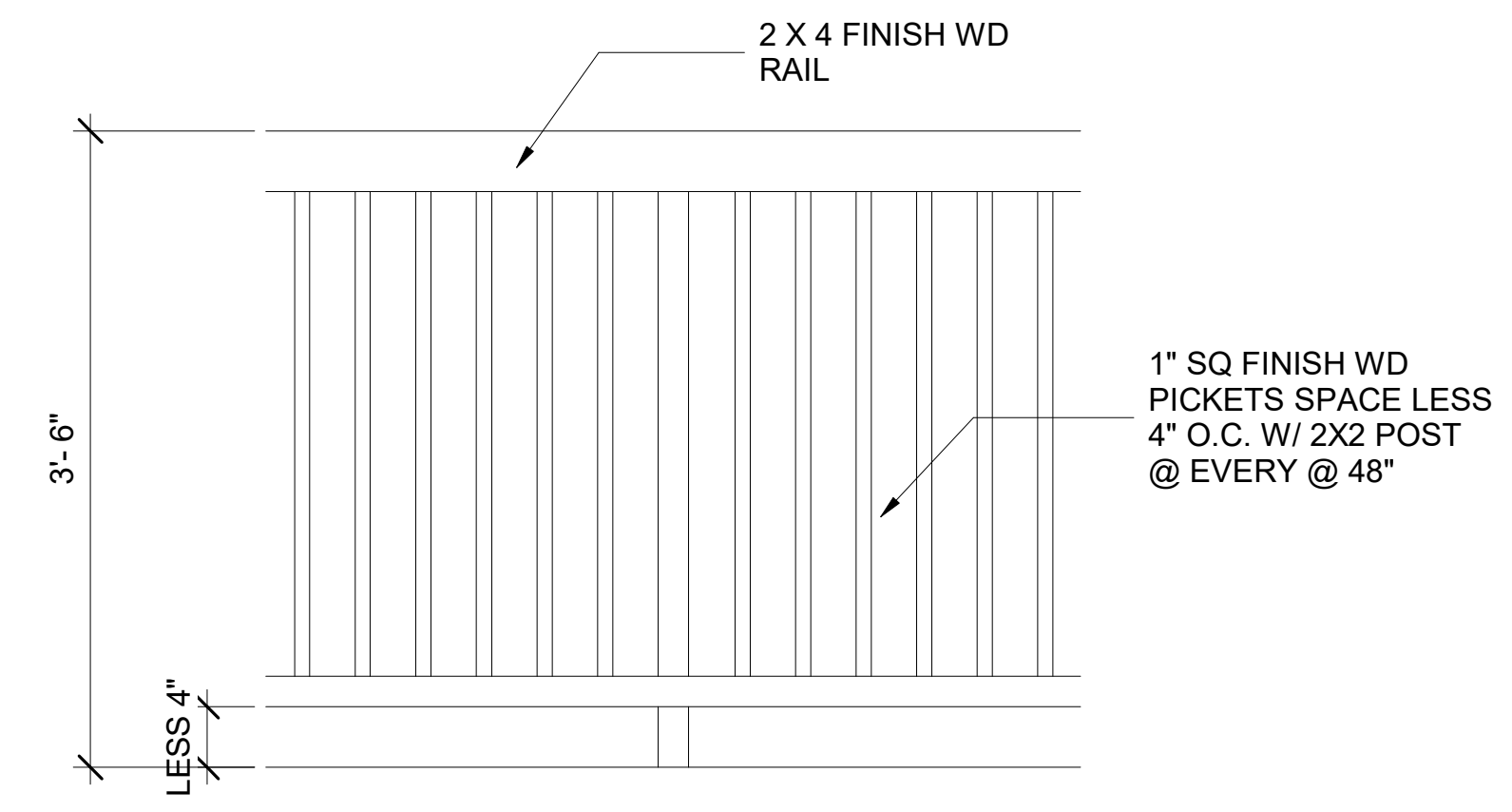
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A010

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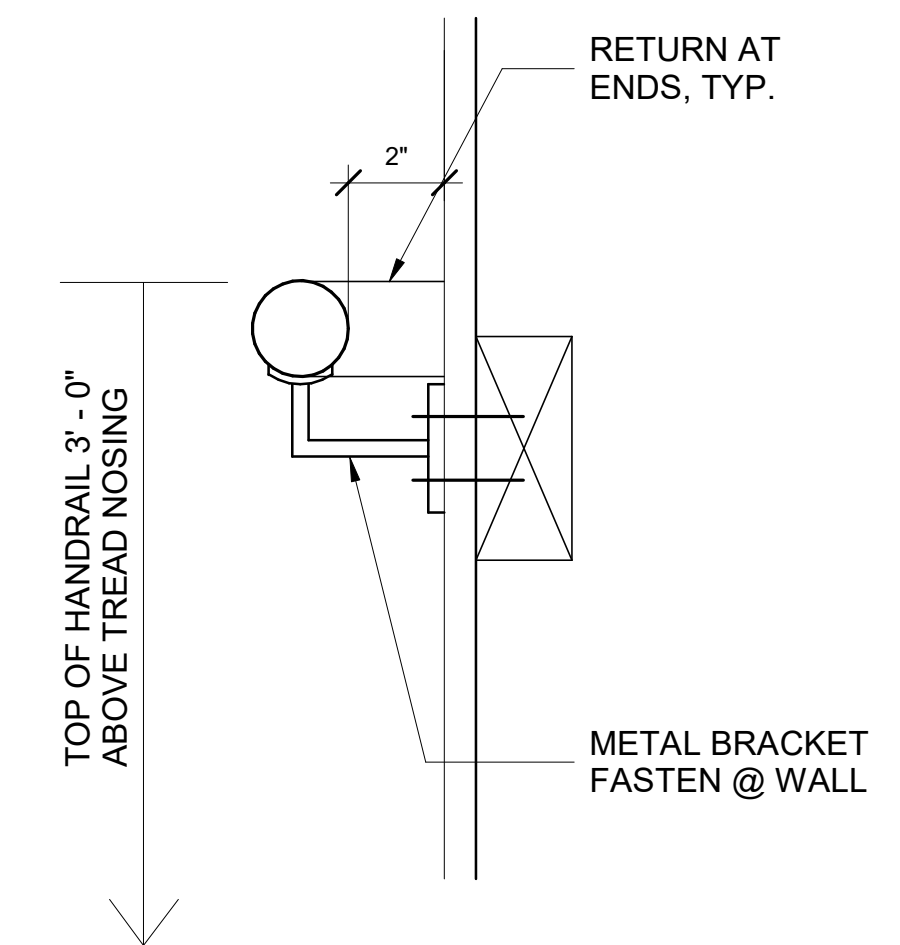
**1 STAIR DETAIL**  
 A011 SCALE: 1" = 1'-0"  
 1" = 1'-0"



**3 GUARDRAIL DETAIL**  
 A011 SCALE: 1" = 1'-0"  
 1" = 1'-0"

**GRAPHIC SCALES**

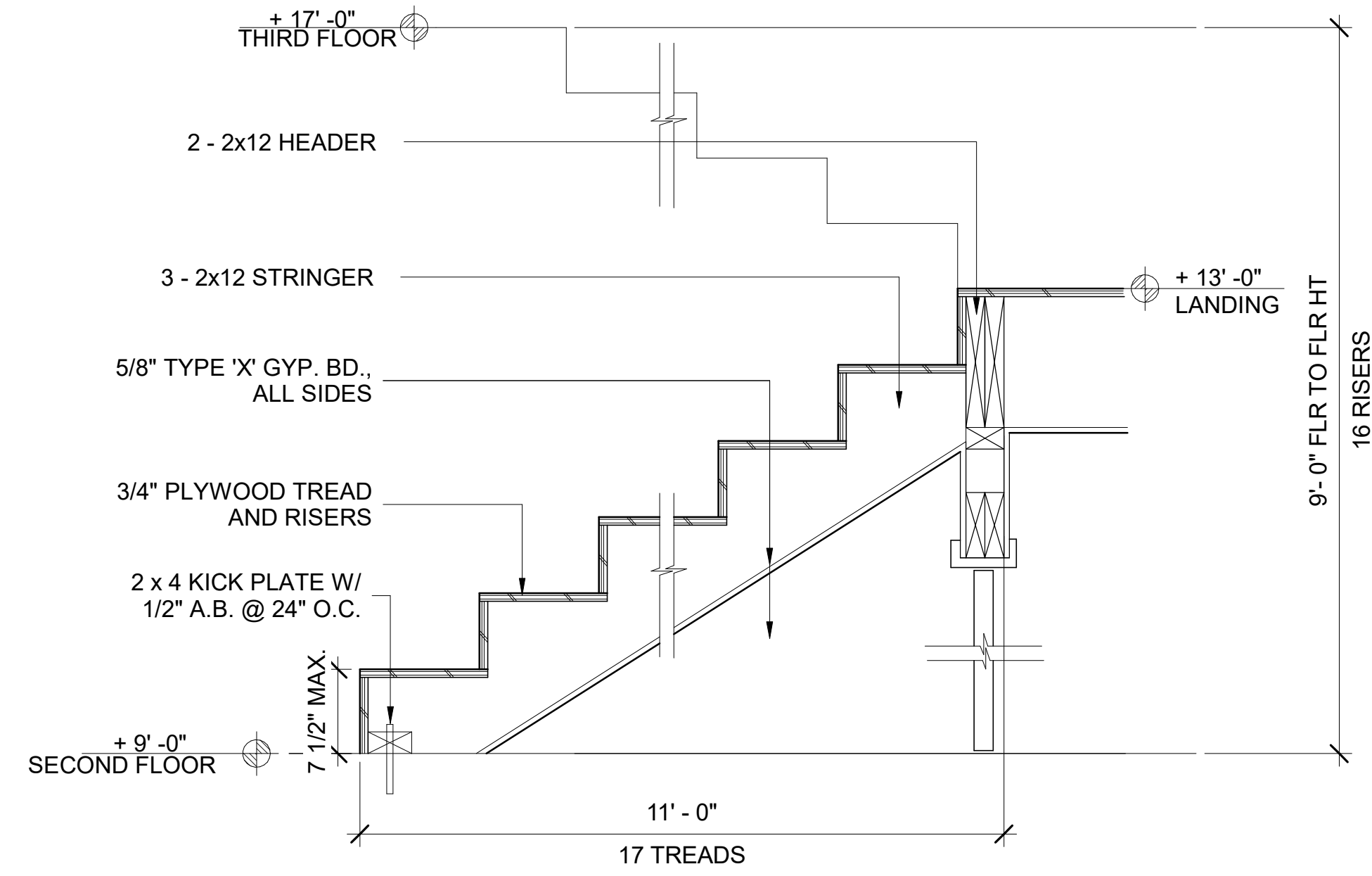
1/8" = 1'-0"	1/16" = 1'-0"	3/32" = 1'-0"	1/32" = 1'-0"
1/4" = 1'-0"	3/64" = 1'-0"	1/16" = 1'-0"	1/8" = 1'-0"
3/16" = 1'-0"	1/8" = 1'-0"	1/4" = 1'-0"	3/8" = 1'-0"
1/2" = 1'-0"	3/8" = 1'-0"	1/2" = 1'-0"	5/8" = 1'-0"
3/4" = 1'-0"	1" = 1'-0"	1 1/4" = 1'-0"	1 1/2" = 1'-0"
1 1/4" = 1'-0"	1 1/2" = 1'-0"	2" = 1'-0"	3" = 1'-0"
4" = 1'-0"	6" = 1'-0"	12" = 1'-0"	24" = 1'-0"



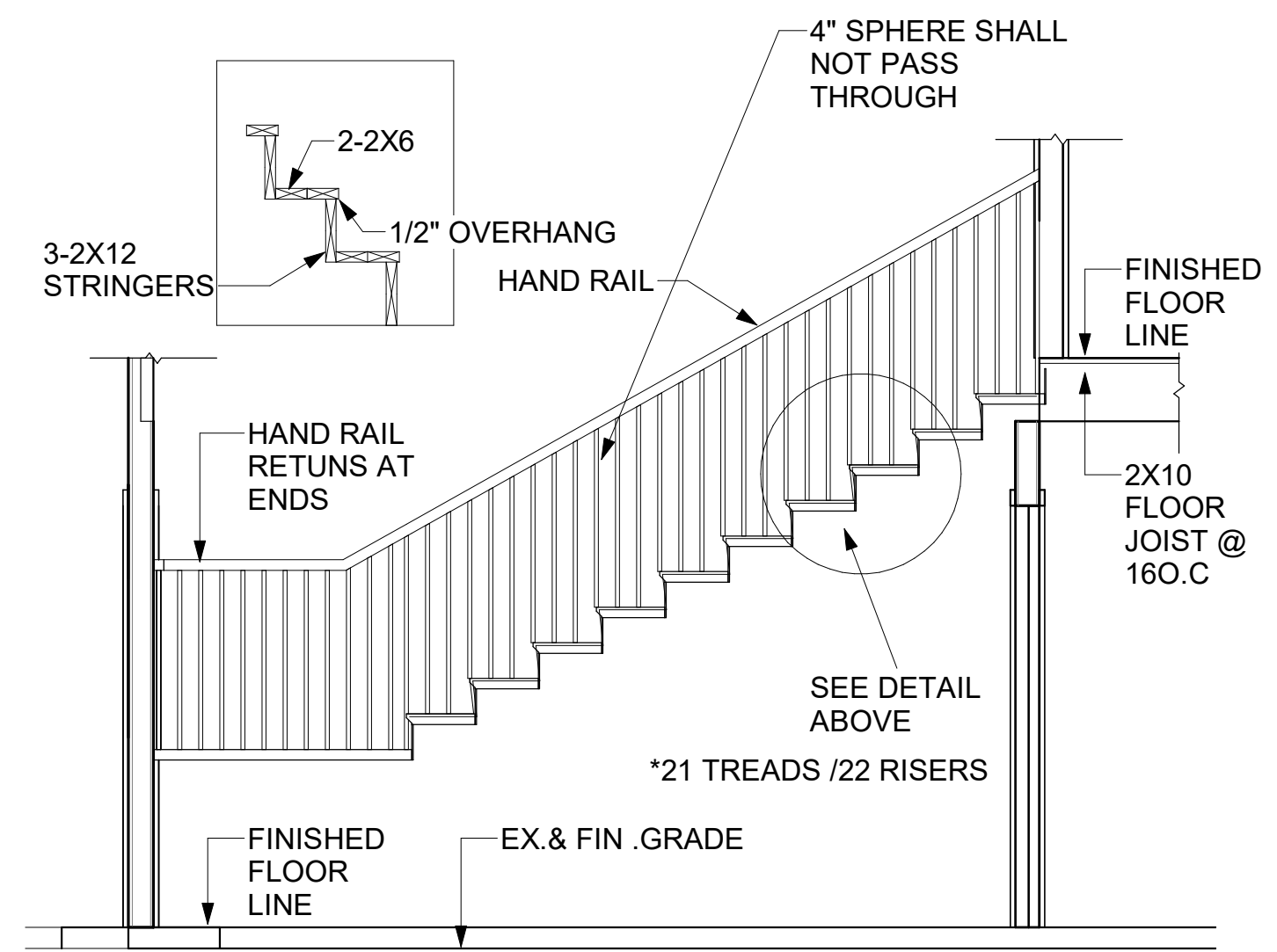
**5 HANDRAIL DETAIL**  
 A011 SCALE: 1" = 1'-0"  
 1" = 1'-0"

**STAIR DETAIL NOTE:**

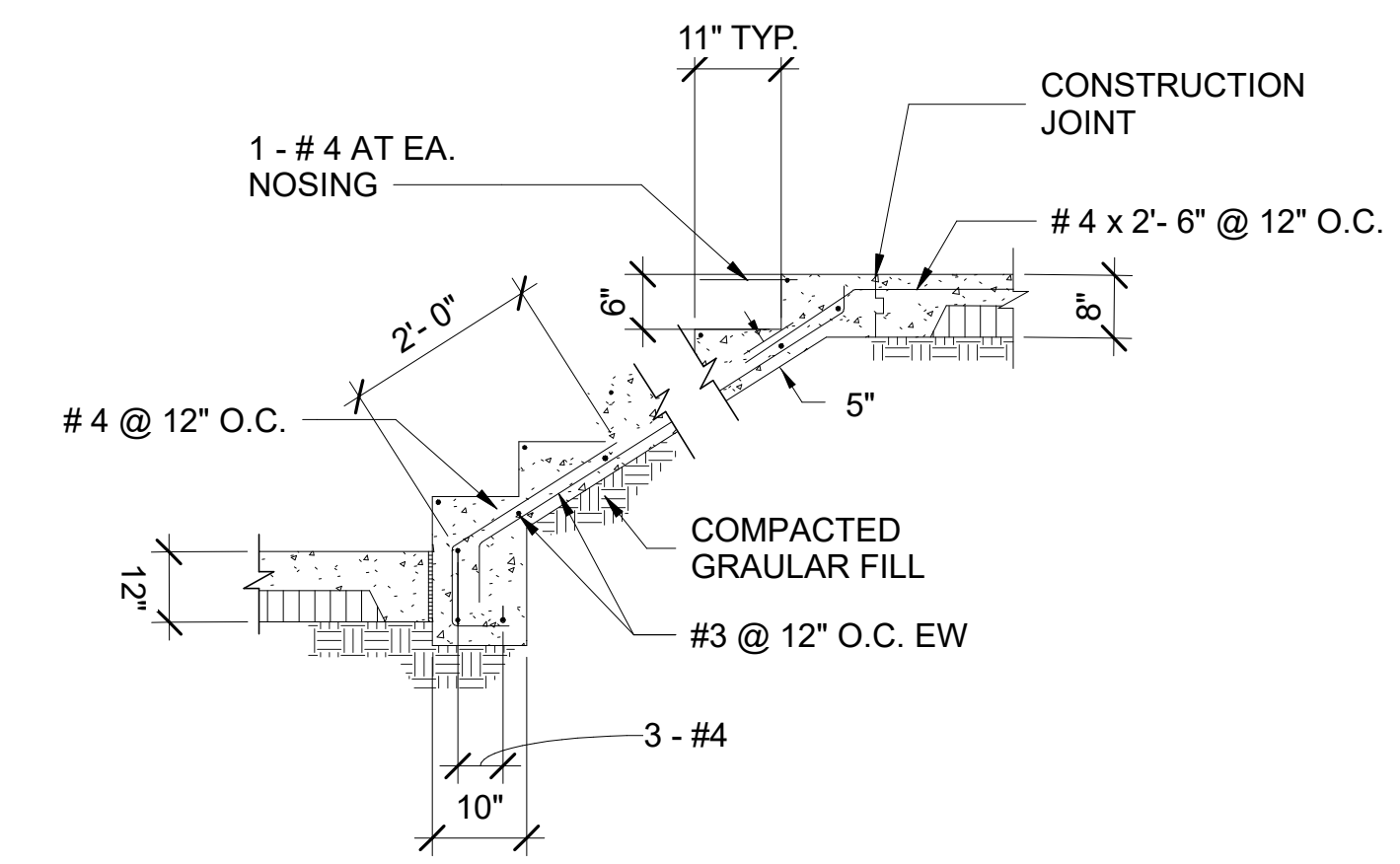
- \*\* STAIR DETAIL: STAIRWAY ILLUMINATION - STAIRWAYS NEED TO BE ILLUMINATED (R303.7)
- LANDINGS AT STAIRWAYS (REQUIRED AT TOP AND BOTTOM OF STAIRS 3'-0" IN DIRECTION OF TRAVEL, BUT NOT REQUIRED AT TOP OF INTERIOR STAIRS PROVIDED DOOR DOES NOT SWING OVER STAIRS (R311.7.6)
- HEADROOM CLEARANCE (61-811 MIN R311.7.2) R311.5.2
- GUARDRAILS OPENINGS SHALL NOT ALLOW PASSAGE OF A 4" SPHERE



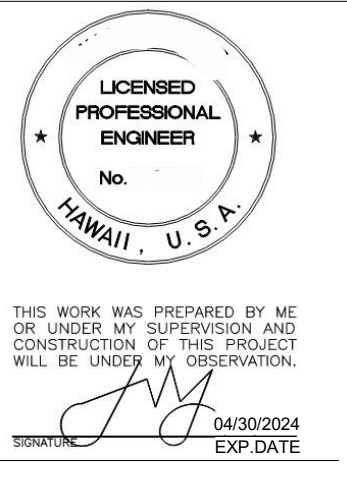
**2 STAIR DETAIL**  
 A011 SCALE: 1" = 1'-0"  
 1" = 1'-0"



**6 INTERIOR STAIRS DETAILS**  
 A011 SCALE: 3/8" = 1'-0"  
 3/8" = 1'-0"



**4 STEP ON GRADE DETAIL**  
 A011 SCALE: 3/8" = 1'-0"  
 3/8" = 1'-0"



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**STAIR DETAILS**

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**A011**

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# DAYLIGHT AND VENTILATION CALCULATIONS

## BUILDING AREA

GRAPHIC SCALES

$\frac{1}{8}" = 1'-0"$		$\frac{3}{32}" = 1'-0"$	
$\frac{1}{16}" = 1'-0"$		$\frac{1}{8}" = 1'-0"$	
$\frac{1}{32}" = 1'-0"$		$\frac{3}{16}" = 1'-0"$	
$\frac{1}{64}" = 1'-0"$		$\frac{1}{4}" = 1'-0"$	
$\frac{1}{128}" = 1'-0"$		$\frac{3}{8}" = 1'-0"$	
$\frac{1}{256}" = 1'-0"$		$\frac{1}{2}" = 1'-0"$	
$\frac{1}{512}" = 1'-0"$		$1" = 1'-0"$	
$\frac{1}{1024}" = 1'-0"$		$1\frac{1}{2}" = 1'-0"$	
$\frac{1}{2048}" = 1'-0"$		$2" = 1'-0"$	
$\frac{1}{4096}" = 1'-0"$		$3" = 1'-0"$	

LEVEL 1  
WETBAR AREA

ROOM AREA	=375.08SF
DAY LIGHT REQUIRED	=37.50SF
VENTILATION REQUIRED	=18.75SF
DAY LIGHT PROVIDED	=18SF
VENTILATION	=9SF

LEVEL 1  
LIVING AREA

ROOM AREA	=348.49SF
DAY LIGHT REQUIRED	=34.84SF
VENTILATION REQUIRED	=17.42SF
DAY LIGHT PROVIDED	=74SF
VENTILATION	=37SF

LEVEL 2  
KITCHEN

ROOM AREA	=267.15SF
DAY LIGHT REQUIRED	=26.71SF
VENTILATION REQUIRED	=13.35SF
DAY LIGHT PROVIDED	=12SF
VENTILATION	=6SF

LEVEL 2  
MUD ROOM

ROOM AREA	=103.45SF
DAY LIGHT REQUIRED	=10.34SF
VENTILATION REQUIRED	=5.17SF
DAY LIGHT PROVIDED	=41SF
VENTILATION	=20.5SF

LEVEL 1  
BED ROOM#1

ROOM AREA	=144.00SF
DAY LIGHT REQUIRED	=14.4SF
VENTILATION REQUIRED	=7.2SF
DAY LIGHT PROVIDED	=24SF
VENTILATION	=12SF

LEVEL 1  
FOYRE

ROOM AREA	=154.00SF
DAY LIGHT REQUIRED	=15.4SF
VENTILATION REQUIRED	=7.7SF
DAY LIGHT PROVIDED	=40.66SF
VENTILATION	=20.33SF

LEVEL 2  
BED ROOM#5

ROOM AREA	=193.56SF
DAY LIGHT REQUIRED	=19.35SF
VENTILATION REQUIRED	=9.67SF
DAY LIGHT PROVIDED	=40SF
VENTILATION	=20SF

LEVEL 2  
BATH#3

ROOM AREA	=68.55SF
DAY LIGHT REQUIRED	=6.85SF
VENTILATION REQUIRED	=3.42SF
DAY LIGHT PROVIDED	=8SF
VENTILATION	=4SF

LEVEL 1  
BED ROOM#2

ROOM AREA	=144.00SF
DAY LIGHT REQUIRED	=14.4SF
VENTILATION REQUIRED	=7.2SF
DAY LIGHT PROVIDED	=12SF
VENTILATION	=6SF

LEVEL 1  
BATH#1

ROOM AREA	=46.88SF
DAY LIGHT REQUIRED	=4.68SF
VENTILATION REQUIRED	=2.34SF
DAY LIGHT PROVIDED	=6SF
VENTILATION	=3SF

LEVEL 2  
BED ROOM#6

ROOM AREA	=184.63SF
DAY LIGHT REQUIRED	=18.46SF
VENTILATION REQUIRED	=9.23SF
DAY LIGHT PROVIDED	=39SF
VENTILATION	=19.5SF

LEVEL 2  
BATH#4

ROOM AREA	=69.84SF
DAY LIGHT REQUIRED	=6.89SF
VENTILATION REQUIRED	=3.44SF
DAY LIGHT PROVIDED	=8SF
VENTILATION	=4SF

LEVEL 1  
BED ROOM#3

ROOM AREA	=160.23SF
DAY LIGHT REQUIRED	=16.023SF
VENTILATION REQUIRED	=8.011SF
DAY LIGHT PROVIDED	=20SF
VENTILATION	=10SF

LEVEL 1  
BATH#2

ROOM AREA	=46.82SF
DAY LIGHT REQUIRED	=4.68SF
VENTILATION REQUIRED	=2.34SF
DAY LIGHT PROVIDED	=6SF
VENTILATION	=3SF

LEVEL 2  
BED ROOM#7

ROOM AREA	=180.04SF
DAY LIGHT REQUIRED	=18.00SF
VENTILATION REQUIRED	=9.23SF
DAY LIGHT PROVIDED	=39SF
VENTILATION	=19.5SF

LEVEL 1  
BED ROOM#4

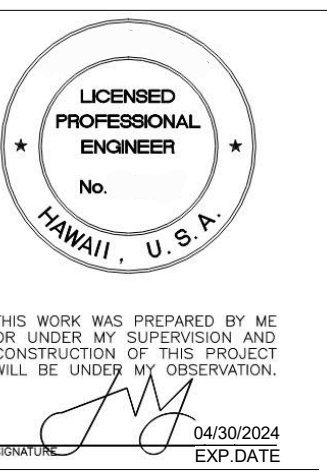
ROOM AREA	=157.88SF
DAY LIGHT REQUIRED	=15.78SF
VENTILATION REQUIRED	=7.89SF
DAY LIGHT PROVIDED	=20SF
VENTILATION	=10SF

LEVEL 2  
WETBAR AREA

ROOM AREA	=267.15SF
DAY LIGHT REQUIRED	=26.71SF
VENTILATION REQUIRED	=13.35SF
DAY LIGHT PROVIDED	=12SF
VENTILATION	=6SF

LEVEL 2  
LIVING AREA

ROOM AREA	=356.45SF
DAY LIGHT REQUIRED	=35.64SF
VENTILATION REQUIRED	=17.82SF
DAY LIGHT PROVIDED	=72SF
VENTILATION	=36SF



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DAYLIGHT AND VENTILATION CAL.

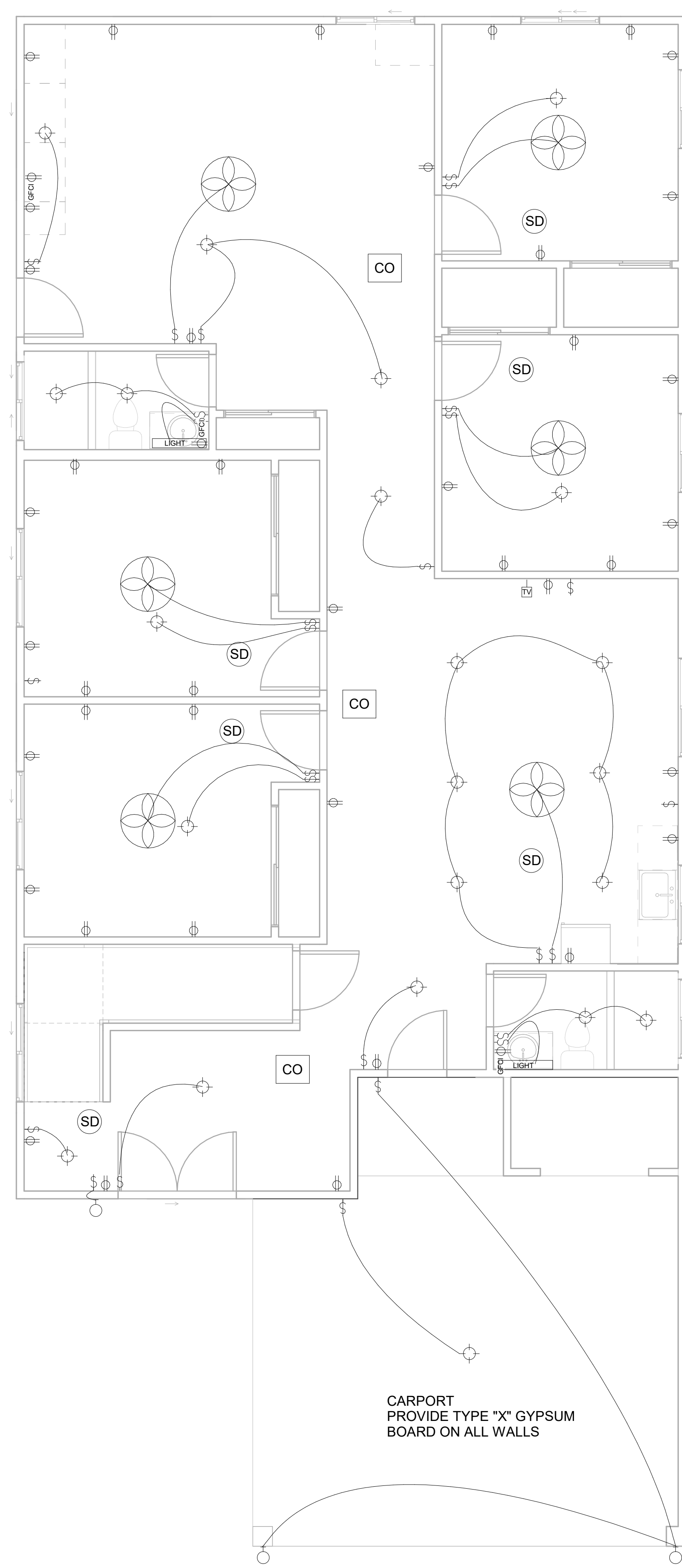
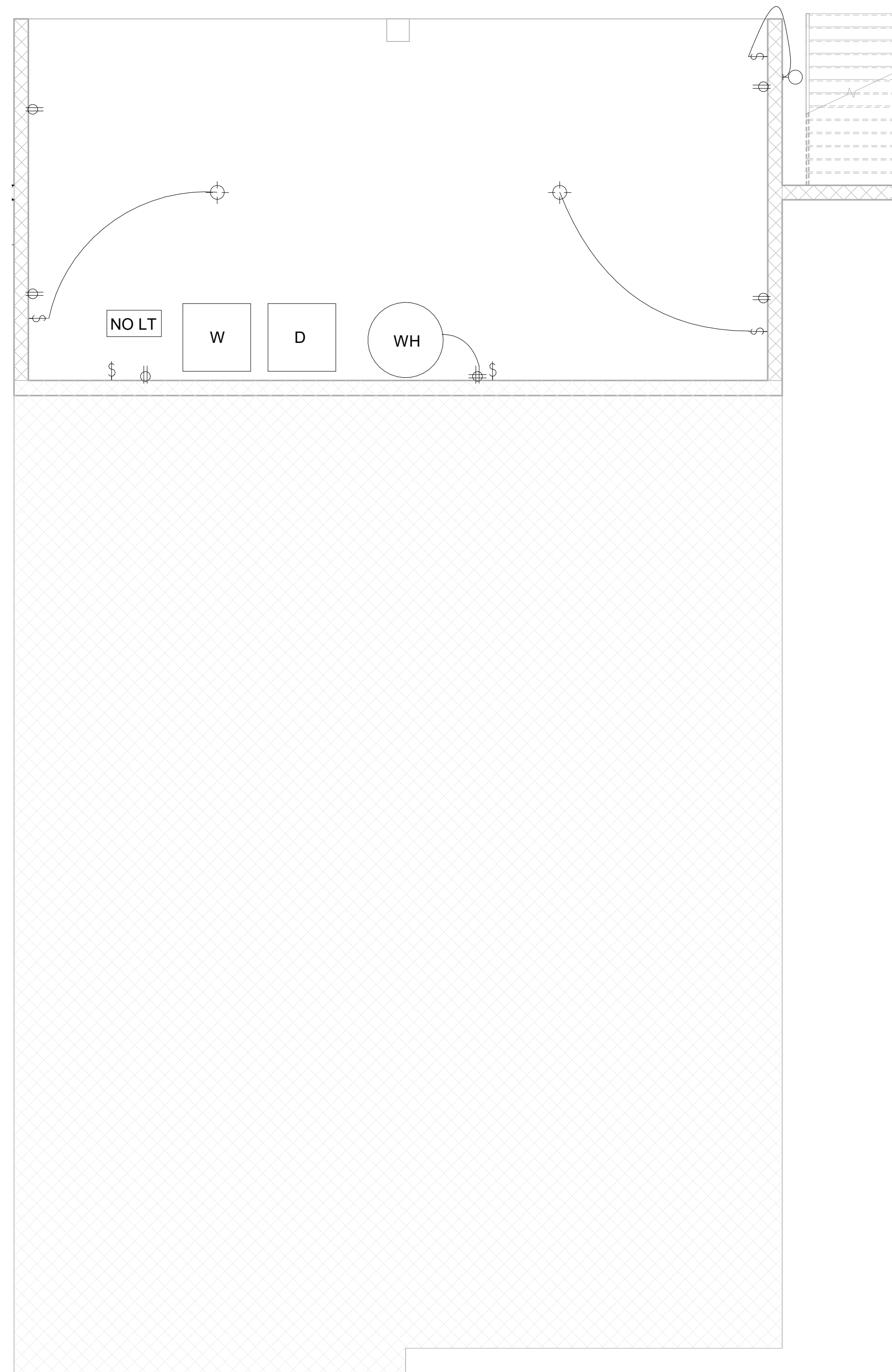
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SHEET NO.:

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CARPORIT  
PROVIDE TYPE "X" GYPSUM  
BOARD ON ALL WALLS

**GRAPHIC SCALES**

1/64" = 1'-0"	1/32" = 1'-0"	3/128" = 1'-0"
1/32" = 1'-0"	1/16" = 1'-0"	3/64" = 1'-0"
1/16" = 1'-0"	1/8" = 1'-0"	3/32" = 1'-0"
1/8" = 1'-0"	1/4" = 1'-0"	3/16" = 1'-0"
1/4" = 1'-0"	1/2" = 1'-0"	3/8" = 1'-0"
1/2" = 1'-0"	1" = 1'-0"	3/4" = 1'-0"
1" = 1'-0"	2" = 1'-0"	1 1/2" = 1'-0"
2" = 1'-0"	4" = 1'-0"	12" = 1'-0"
4" = 1'-0"	8" = 1'-0"	24" = 1'-0"

SYMBOL	DESCRIPTION	SPECIFICATIONS
⊕	SINGLE POLE SWITCH	DECOR/ROCKER/WHITE
⊕	CABLE TV JACK	COAXIAL CABLE/RG11(TYPEF) THREADED JACK
⊕	SURFACE MOUNT LIGHT FIXTURE	TO BE SPECIFIED PER LOCATION
⊕	FLOURESCENT LIGHT FIXTURE	METALUX2 LAMP/RAPID START ELEC. BALLAST
⊕	CEILING FAN WITH LIGHT	TO BE SPECIFIED
⊕	SOMKE DETECTOR	U.L. APPROVED W/ BATTERY BACK UP, INTERCONNECTED PER 2008 IRC
⊕	FLOOD LIGHT	OPTIONAL MOTION SENSOR
⊕	SWITHED OUTLET (DISPOSAL)	110v
⊕	GROUND FAULT INTERRUPT OUTLET(2)	110v
⊕	TELEPHONE JACK	(1 LINE) CATEGORY 5e WIRE/110 KEYSTONE JACK/RJ12
⊕	WALL MOUNT LIGHT FIXTURE	TO BE SPECIFIED WEATHER PROOR, 60 watts MAX.
⊕	QUADRUPLX 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**  
R315.1 CARBON 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 WITHIN WHICH FUEL-FIRED APPLIANCES EXIST, CARBON MONOXIDE ALARMS SHALL BE PROVIDED IN ACCORDANCE WITH SECTION R315.1.

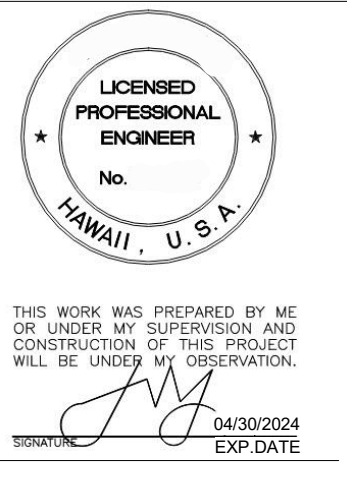
**1 BASEMENT ELECTRICAL PLAN**

E001 SCALE: 1/4" = 1'-0"



**2 ELECTRICAL PLAN LEVEL-1**

E001 SCALE: 1/4" = 1'-0"



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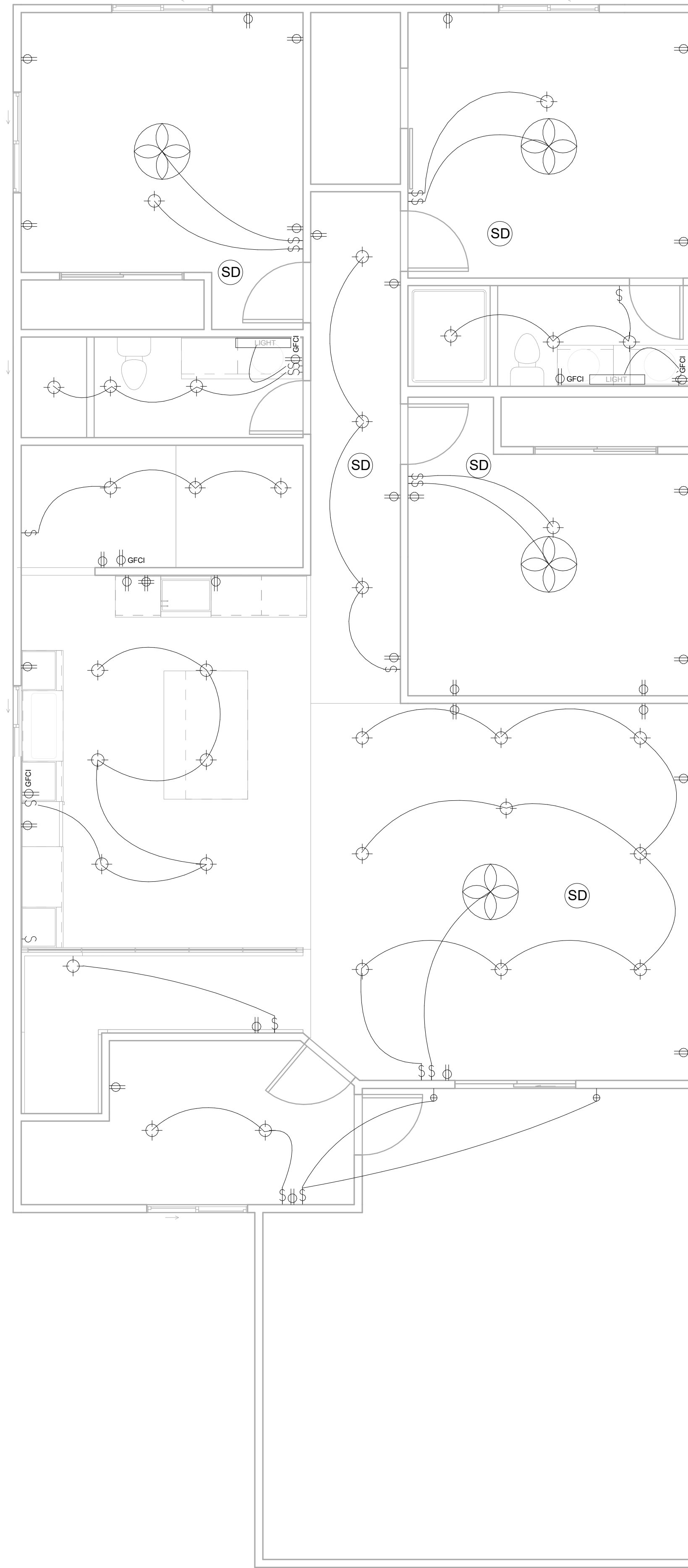
**ELECTRICAL PLAN**

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**E001**

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**GRAPHIC SCALES**

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$\frac{1}{32}'' = 1'-0''$	$\frac{1}{16}'' = 1'-0''$	$\frac{3}{64}'' = 1'-0''$
$\frac{1}{16}'' = 1'-0''$	$\frac{1}{8}'' = 1'-0''$	$\frac{3}{32}'' = 1'-0''$
$\frac{1}{8}'' = 1'-0''$	$\frac{1}{4}'' = 1'-0''$	$\frac{3}{16}'' = 1'-0''$
$\frac{1}{4}'' = 1'-0''$	$\frac{1}{2}'' = 1'-0''$	$\frac{3}{8}'' = 1'-0''$
$\frac{1}{2}'' = 1'-0''$	$1'' = 1'-0''$	$\frac{3}{4}'' = 1'-0''$
$1'' = 1'-0''$	$2'' = 1'-0''$	$1\frac{1}{2}'' = 1'-0''$
$3'' = 1'-0''$	$4'' = 1'-0''$	$6'' = 1'-0''$
	$6'' = 1'-0''$	$12'' = 1'-0''$
	$12'' = 1'-0''$	$24'' = 1'-0''$

SYMBOL	DESCRIPTION	SPECIFICATIONS
	SINGLE POLE SWITCH	DECOR/ROCKER/WHITE
	CABLE TV JACK	COAXIAL CABLE/RG11 TYPE(F) THREADED JACK
	SURFACE MOUNT LIGHT FIXTURE	TO BE SPECIFIED PER LOCATION
	FLOURESCENT LIGHT FIXTURE	METALUX2 LAMP/RAPID START ELEC. BALLAST
	CEILING FAN WITH LIGHT	TO BE SPECIFIED
	SOMKE DETECTOR	UL APPROVED W/ BATTERY BACK UP, INTERCONNECTED PER 2006 IRC
	FLOOD LIGHT	OPTIONAL MOTION SENSOR
	SWITHED OUTLET (DISPOSAL)	110v
	GROUND FAULT INTERRUPT OUTLET(2)	110v
	TELEPHONE JACK	(1 LINE) CATEGORY 5e WIRE/110 KEYSTONE JACK/RJ12
	WALL MOUNT LIGHT FIXTURE	TO BE SPECIFIED WEATHER PROOF, 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:**

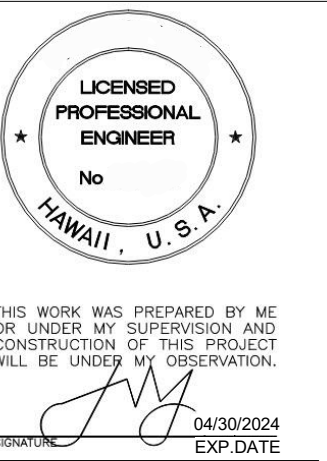
SMOKE ALARMS IN EXISTING AREAS NOT REQ'D TO BE INTERCONNECTED OR HARDWIRED WHERE THE ALTERATIONS OR REPAIRS DON'T RESULT IN INTERIOR WALL OR CEILING REMOVAL.

**CARBON MONOXIDE**

R315.1 CARBON 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.

**1 ELECTRICAL PLAN LEVEL-2**  
 E002 SCALE: 1/4" = 1'-0"



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**E002**

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**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 STRUCTURAL 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:
  - CONCRETE CAST AGAINST EARTH.....3"
  - CONCRETE EXPOSED TO EARTH OR WEATHER:
    - #6 AND LARGER.....2"
    - #5 AND SMALLER.....1 1/2"
  - SLABS.....1" TOP  
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 PLYES 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 NOTICE:
  - ALL REINFORCING STEEL.
  - STRUCTURAL DIAPHRAGMS AND SHEAR WALLS.
  - COMPLETE LOAD PATH AND UPLIFT TIES.
- DESIGN DATA:
 

VERTICAL LIVE LOADS:

ROOF.....20 PSF

FLOOR.....40 PSF

SEISMIC ZONE.....SITE CLASS 'D'

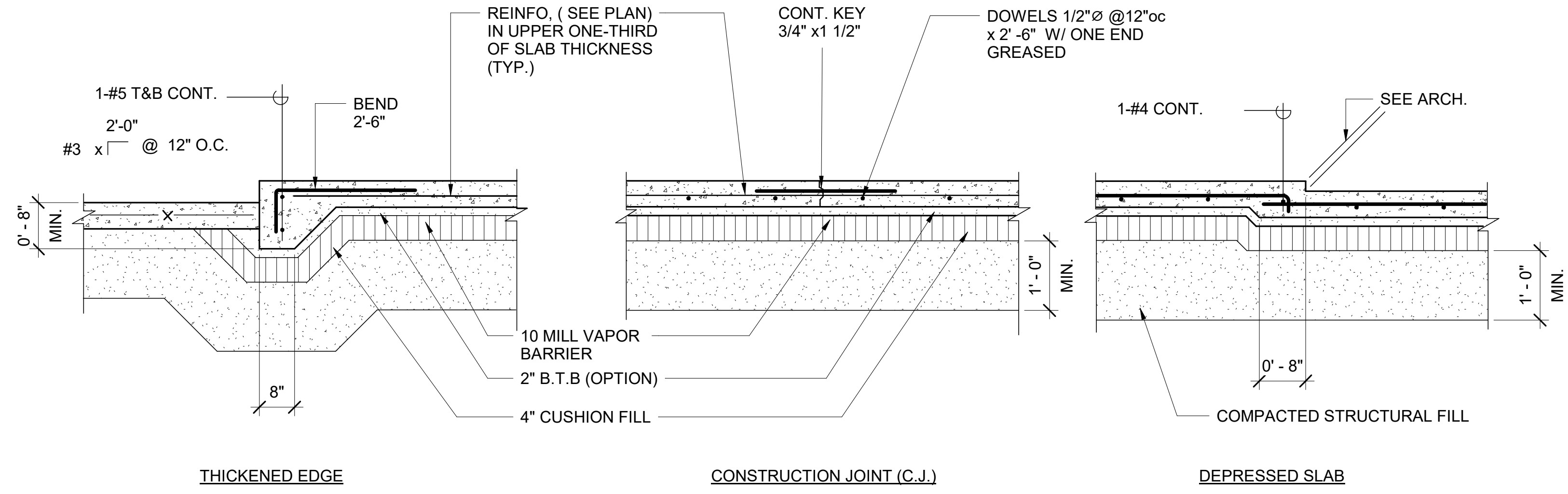
WIND PRESSURE: (ROOF FRAMING, WALLS)

WIND SPEED.....120 MPH

EXPOSURE.....B

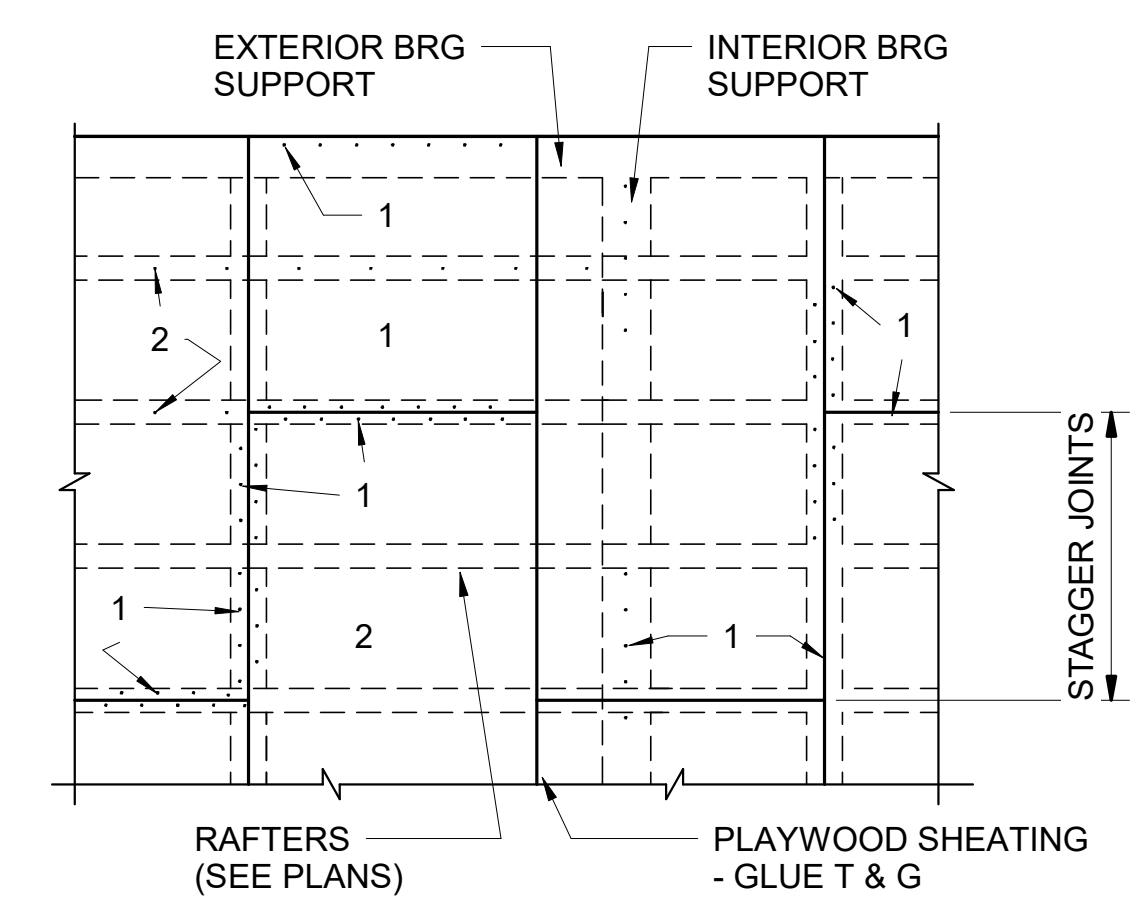
IMPORTANCE FACTOR.....1.0

SOIL BEARING PRESSURE.....3,000 PSF



5 SLAB ON GRADE DETAIL

NOT TO SCALE

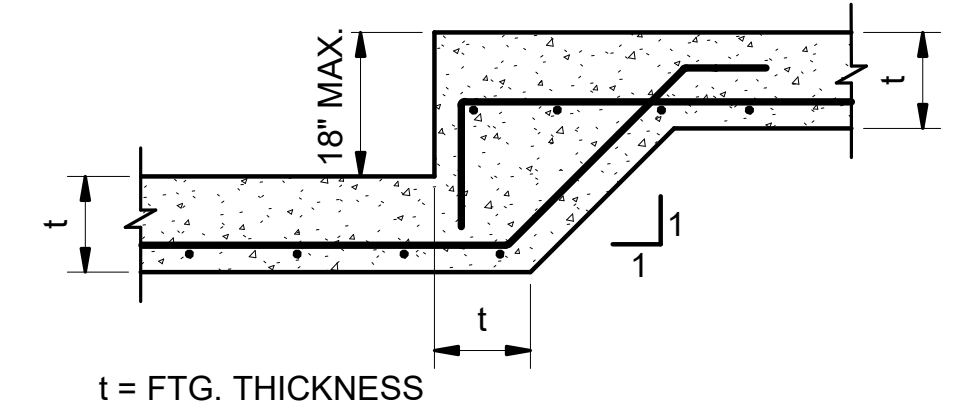


**NOTES:**

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

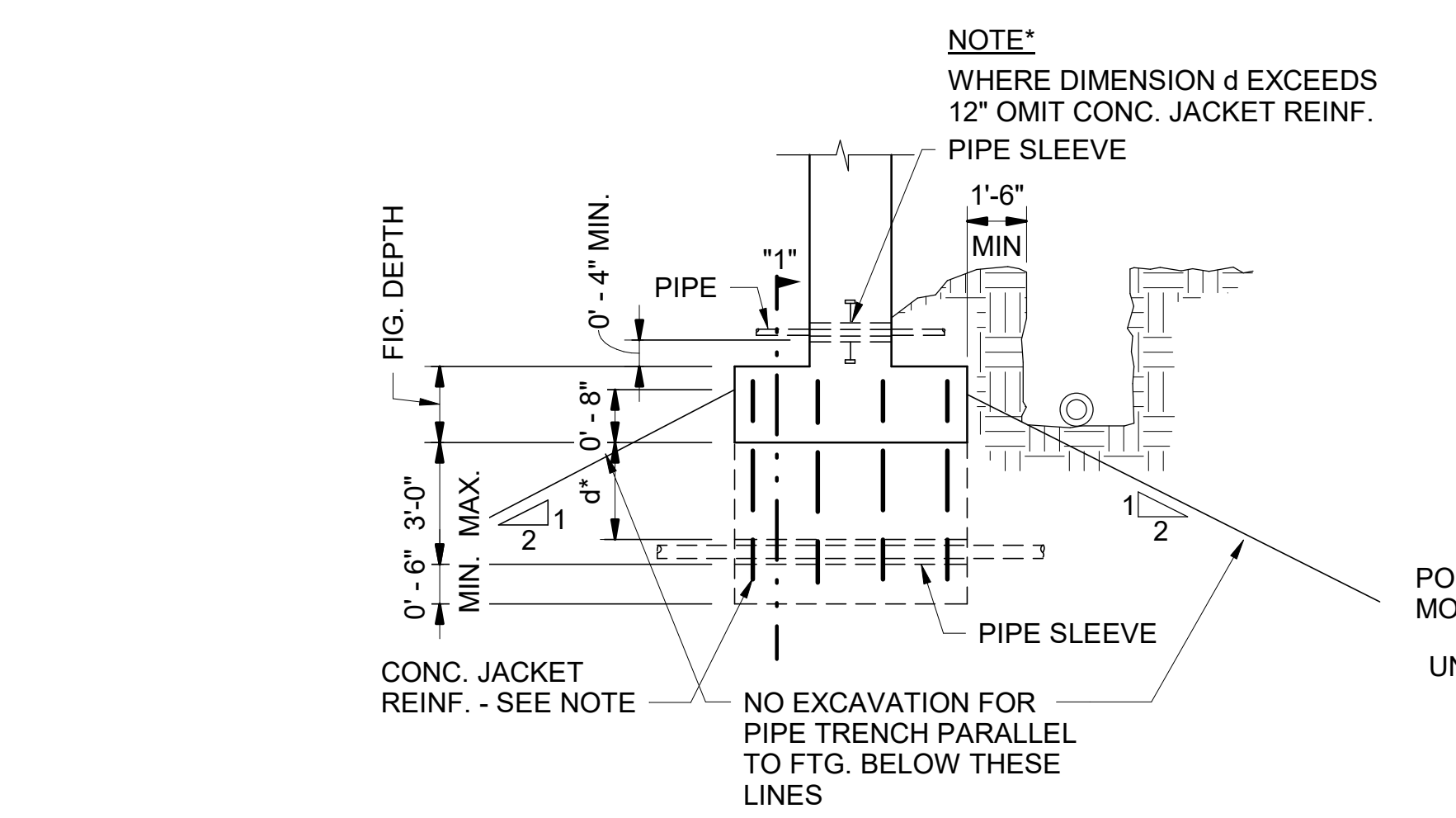
2 TYP. PLAYWOOD LAYOUT DETAILS

NOT TO SCALE



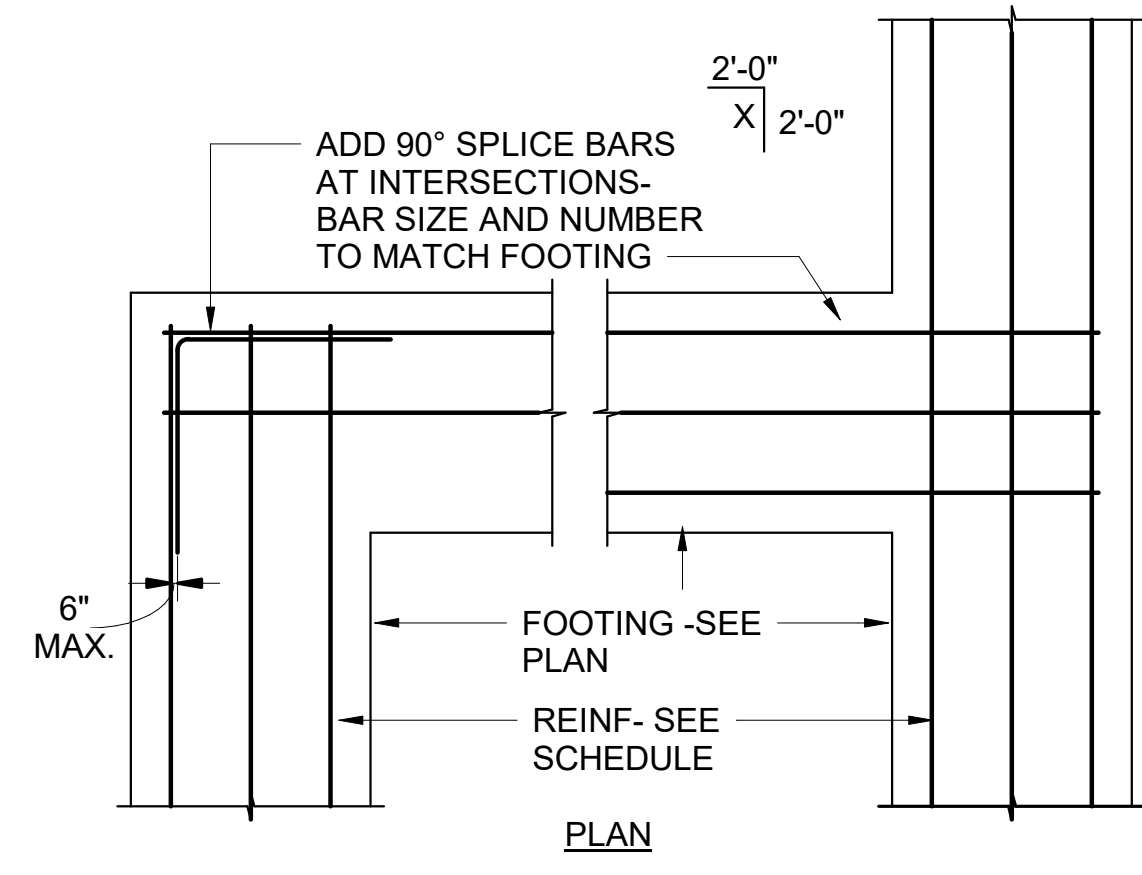
7 TYPICAL STEP FOOTING DETAIL

NOT TO SCALE



6 BURIED PIPES NEAR FOUNDATION

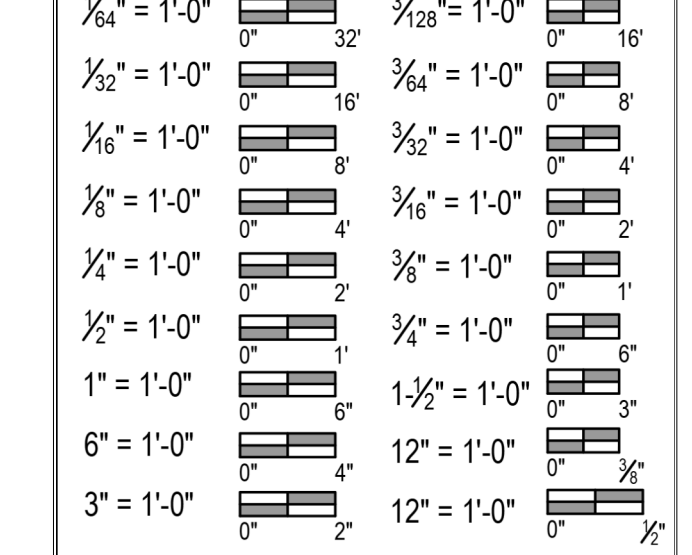
NOT TO SCALE



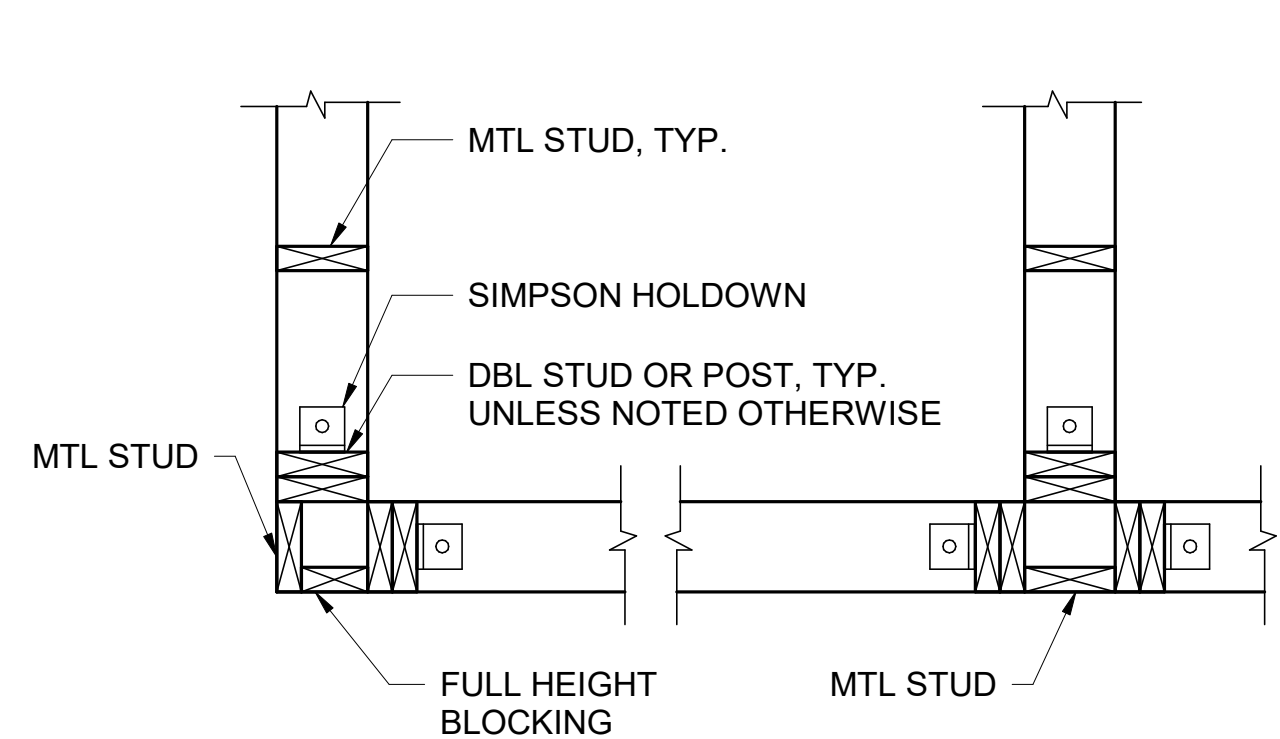
9 TYP. FOOTING REINFORCING AT INTERSECTIONS-PLAN

NOT TO SCALE

**GRAPHIC SCALES**



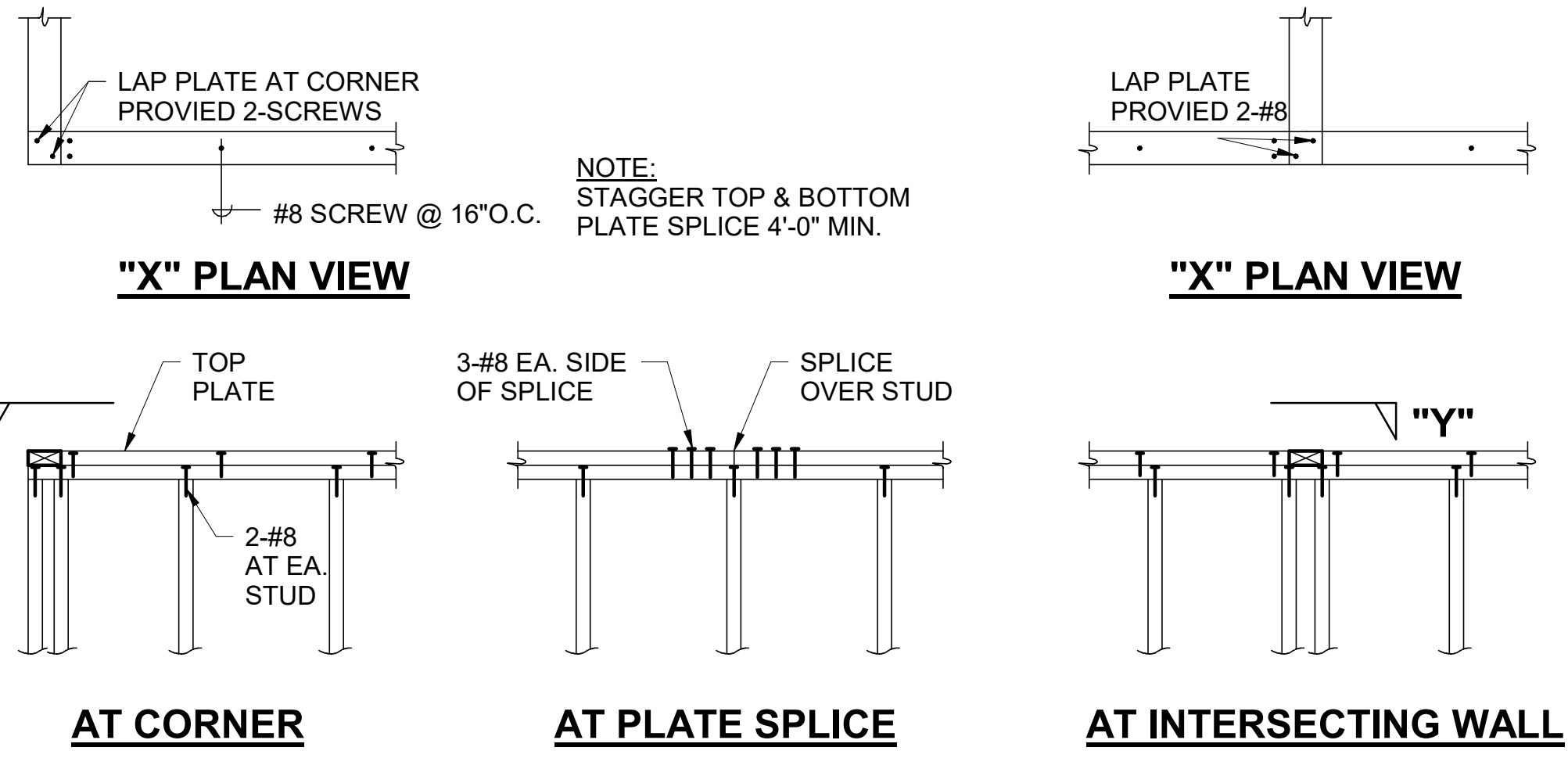




NOTE:  
SEE FOUNDATION AND GROUND FLOOR PLAN FOR HOLDOWN LOCATIONS

**PLAN**

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



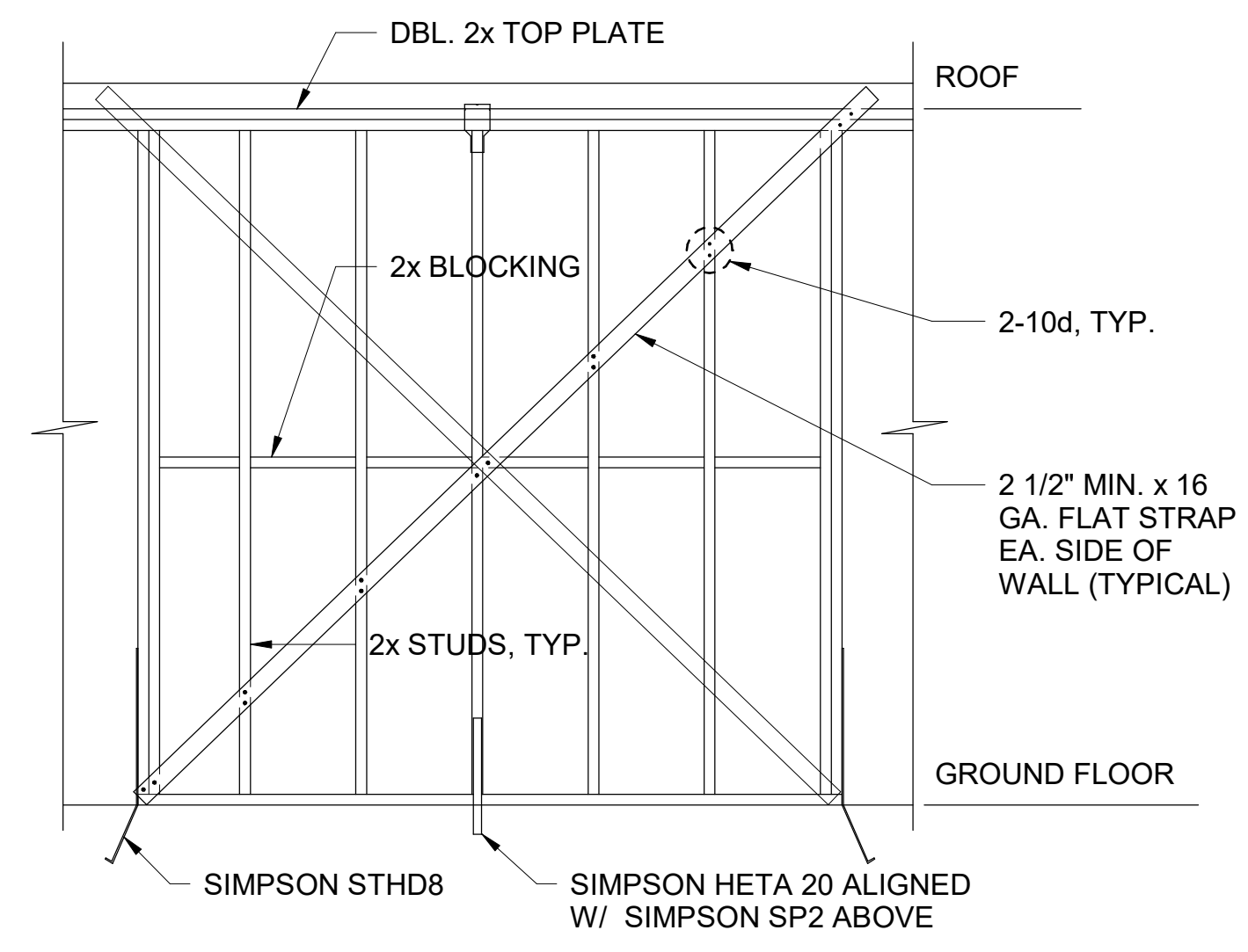
NOTE:  
STAGGER TOP & BOTTOM PLATE SPLICE 4'-0" MIN.

**"X" PLAN VIEW**  
**AT CORNER**      **AT PLATE SPLICE**      **AT INTERSECTING WALL**

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

NAILING SCHEDULE (U.N.O.)		
CONNECTION		NAILING
1. JOIST TO SILL OR GIRDER, TOE NAIL		3-8d
2. BRIDGING TO JOIST, TOENAIL EACH END		2-8d
3. 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
5. 2" SUBFLOOR TO JOIST OR GIRDER, BLIND AND FACE NAIL		2-16d
6. SLOPE PLATE TO JOIST OR BLOCKING, FACE NAIL		16d @ 16" o.c.
7. TOP PLATE TO STUD, END NAIL		2-16d
8. STUD TO SLOPE PLATE		4-8d, TOENAIL OR 2-16d, END NAIL
9. 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
12. CONTINUOUS HEADER, TWO PIECES		16d @ 16" o.c. ALONG EACH EDGE
13. CEILING JOISTS TO PLATE TOENAIL		3-8d
14. CONTINUOUS HEADER TO STUD, TOENAIL		4-8d
15. CEILING JOISTS, LAPS OVER PARTITIONS, FACE NAIL		3-16d
16. CEILING JOISTS TO PARALLEL RAFTERS, FACE NAIL		3-16d
17. RAFTER TO PLATE, TOENAIL		3-8d
18. 1" BRACE TO EACH STUD AND PLATE, FACE NAIL		2-8d
19. 1"x8" SHEATHING OR LESS TO EACH BEARING, FACE NAIL		2-8d
20. WIDER THAN 1"x8" SHEATHING TO EACH-BEARING, FACE NAIL		3-8d
21. BUILT-UP CORNER STUDS		16d @ 24" o.c.
22. BUILT-UP GIRDER AND BEAM		20d @ 32" o.c. @ TOP AND BOTTOM AND STAGGERED 2-20d @ ENDS AND @ EACH SPLICE

7 NAILING SCHEDULE (U.O.N.)  
1/2" = 1'-0"

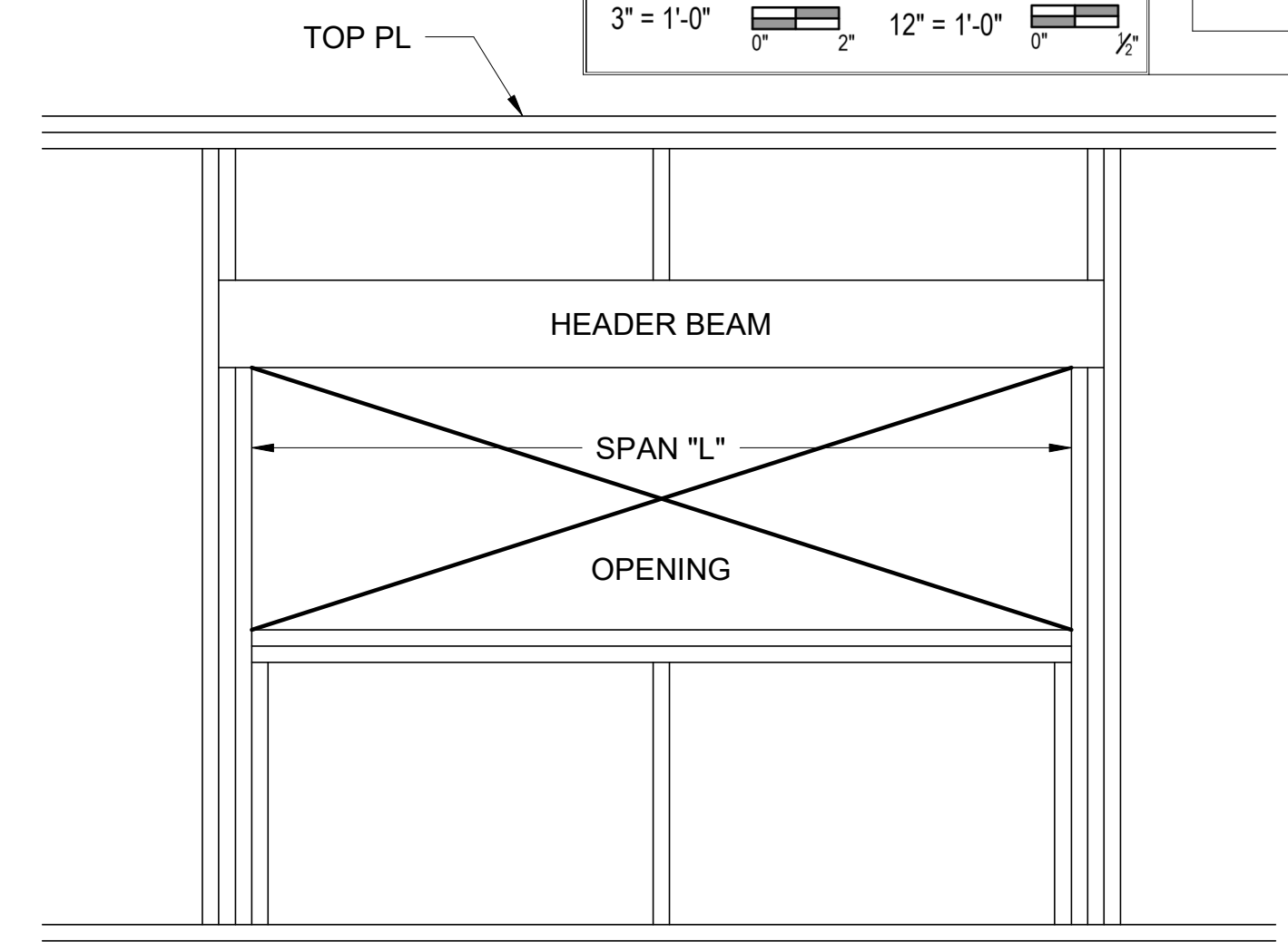


**COND. AT ONE STOTY**

5 TYPICAL INTERIOR SHEAR WALL ELEVATION  
3/4" = 1'-0"

**GRAPHIC SCALES**

1/8" = 1'-0"	1/32" = 1'-0"	3/16" = 1'-0"
1/16" = 1'-0"	1/16" = 1'-0"	1/8" = 1'-0"
1/8" = 1'-0"	1/8" = 1'-0"	1/4" = 1'-0"
1/4" = 1'-0"	1/4" = 1'-0"	1/2" = 1'-0"
1/2" = 1'-0"	1/2" = 1'-0"	1" = 1'-0"
1" = 1'-0"	1" = 1'-0"	2" = 1'-0"
2" = 1'-0"	2" = 1'-0"	4" = 1'-0"
4" = 1'-0"	4" = 1'-0"	8" = 1'-0"
8" = 1'-0"	8" = 1'-0"	16" = 1'-0"
16" = 1'-0"	16" = 1'-0"	32" = 1'-0"

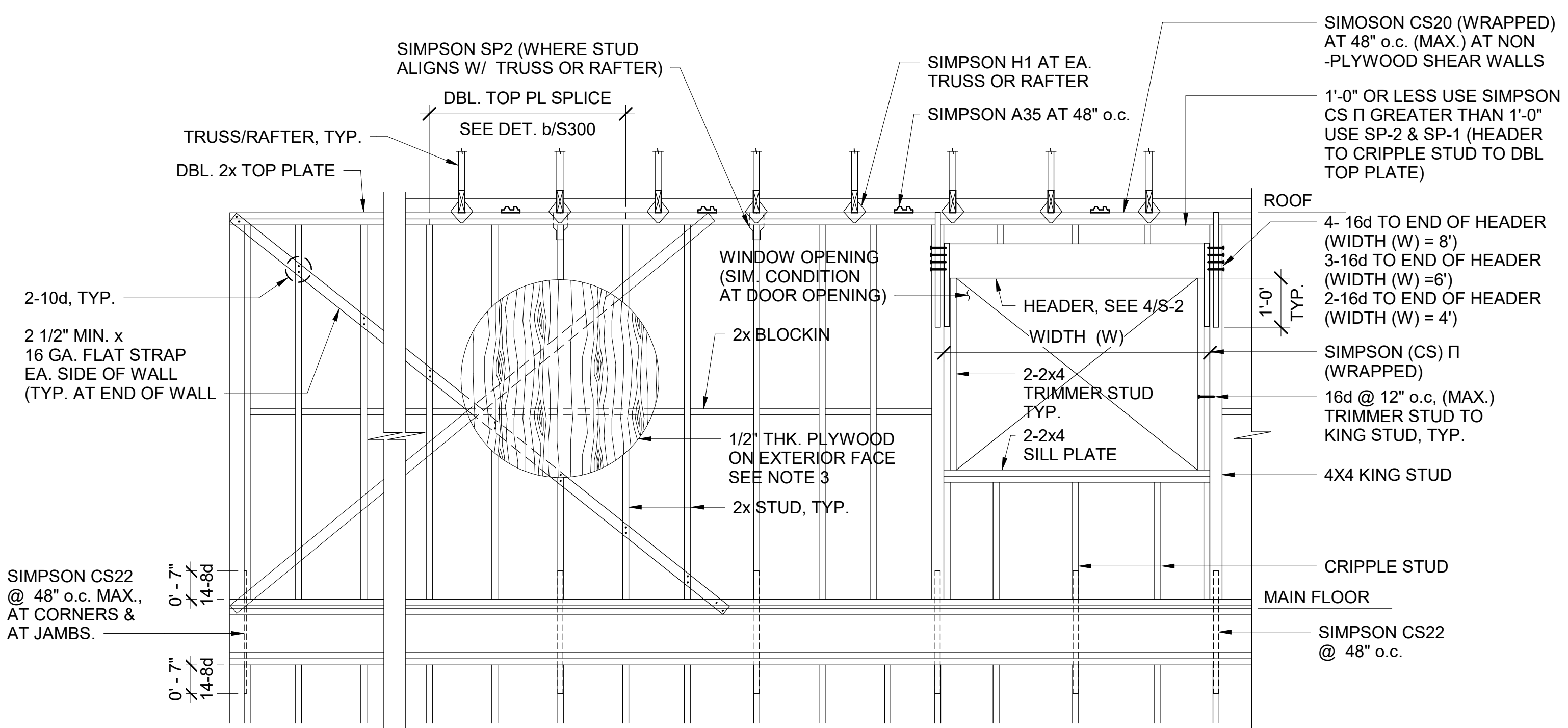


**ELEVATION**

**STUD WALL OPENING FRAMING SCHEDULE**  
(UNLESS NOTED OTHERWISE)

SPAN "L" (MAX.)	BEAM SIZE (MIN.)	
	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

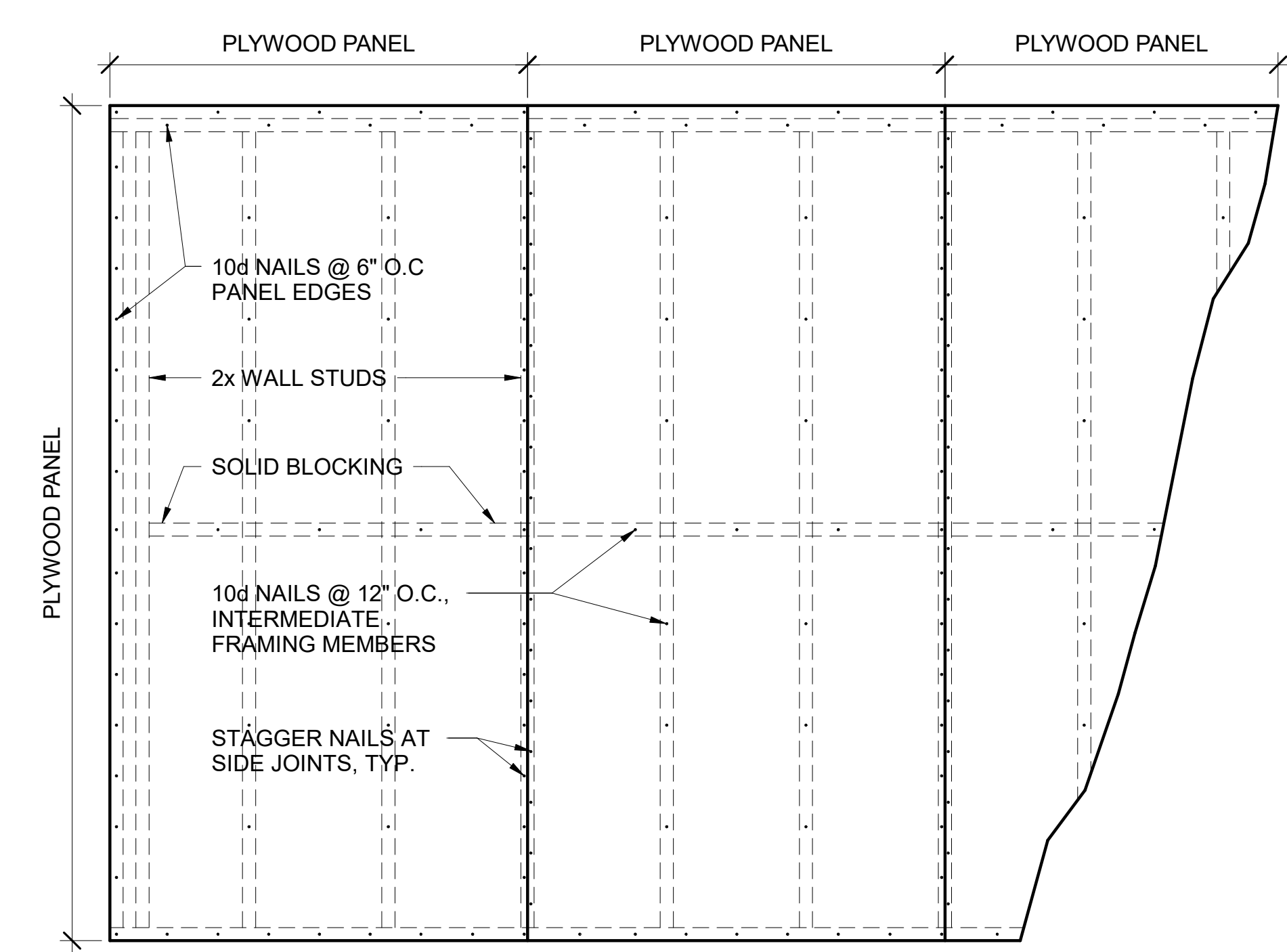
3 STUD WALL OPENING DETAIL  
3/4" = 1'-0"



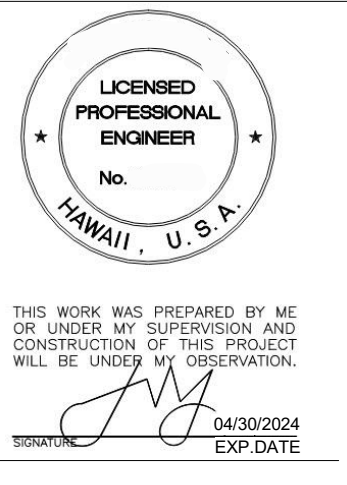
**NOTES:**

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.

6 TYPICAL EXTERIOR AND BEARING STUD WALL (CONTINUOUS LOAD PATH) ELEVATION TWO STORY  
1/2" = 1'-0"



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



1773 AKAH STREET UNIT A  
HONOLULU, HI 96819  
TMK: 1-3-025-024

FRAMING DIAGRAMS

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S002

IF DRAWING IS NOT 24"x36" IT IS A REDUCED PRINT

**GRAPHIC SCALES**

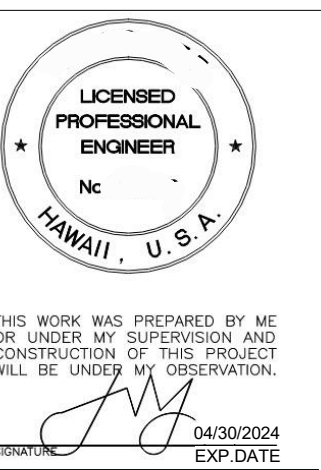
1/64" = 1'-0"	1/32" = 1'-0"	3/128" = 1'-0"	1/16" = 1'-0"
1/32" = 1'-0"	1/16" = 1'-0"	3/64" = 1'-0"	1/8" = 1'-0"
1/16" = 1'-0"	3/32" = 1'-0"	1/4" = 1'-0"	3/16" = 1'-0"
3/32" = 1'-0"	1/8" = 1'-0"	1/4" = 1'-0"	1/4" = 1'-0"
1/4" = 1'-0"	3/16" = 1'-0"	1/4" = 1'-0"	1/4" = 1'-0"
3/16" = 1'-0"	1/4" = 1'-0"	1/4" = 1'-0"	1/4" = 1'-0"
1/2" = 1'-0"	1/2" = 1'-0"	1/2" = 1'-0"	1/2" = 1'-0"
1" = 1'-0"	1" = 1'-0"	1" = 1'-0"	1" = 1'-0"
2" = 1'-0"	2" = 1'-0"	2" = 1'-0"	2" = 1'-0"
3" = 1'-0"	3" = 1'-0"	3" = 1'-0"	3" = 1'-0"

\*ROOF FRAMING NOTE:  
PROVIDE 2x BRACE AT 8'-0" MAXIMUM  
FOR ALL ROOF TRUSS BOTTOM CHORD.

ALL HEADERS ARE 4x10 U.O.N

\*FLOOR FRAMING NOTE:  
PROVIDE 2x BLOCKING AT 8'-0" MAXIMUM  
FOR ALL FLOOR JOISTS, TYPICAL.

ALL HEADERS ARE 4X12 U.O.N.



1773 AKAH STREET UNIT A  
HONOLULU, HI 96819  
TMK: 1-3-025-024

FRAMING PLAN

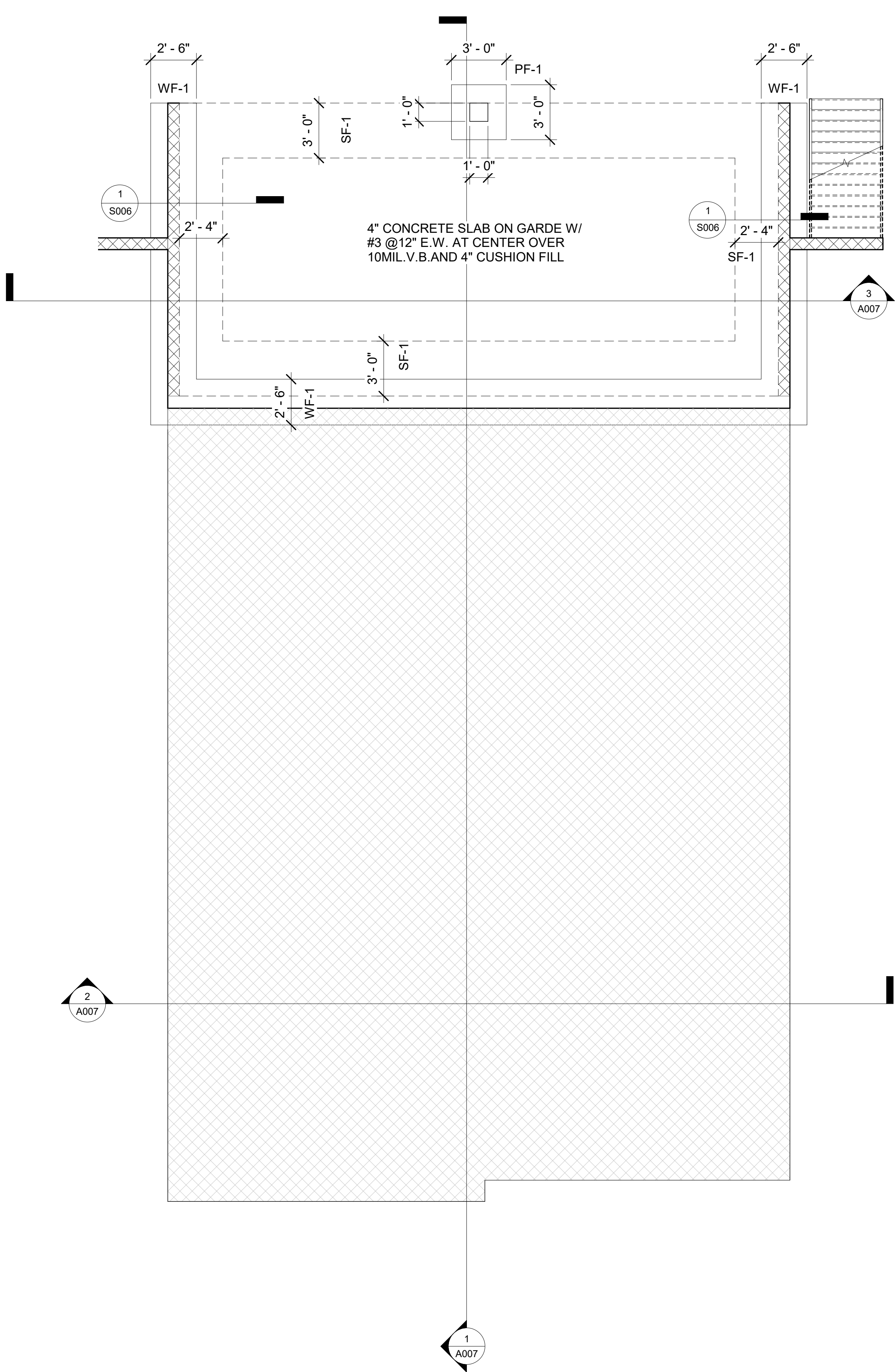
REVISION	NO.

DATE: -

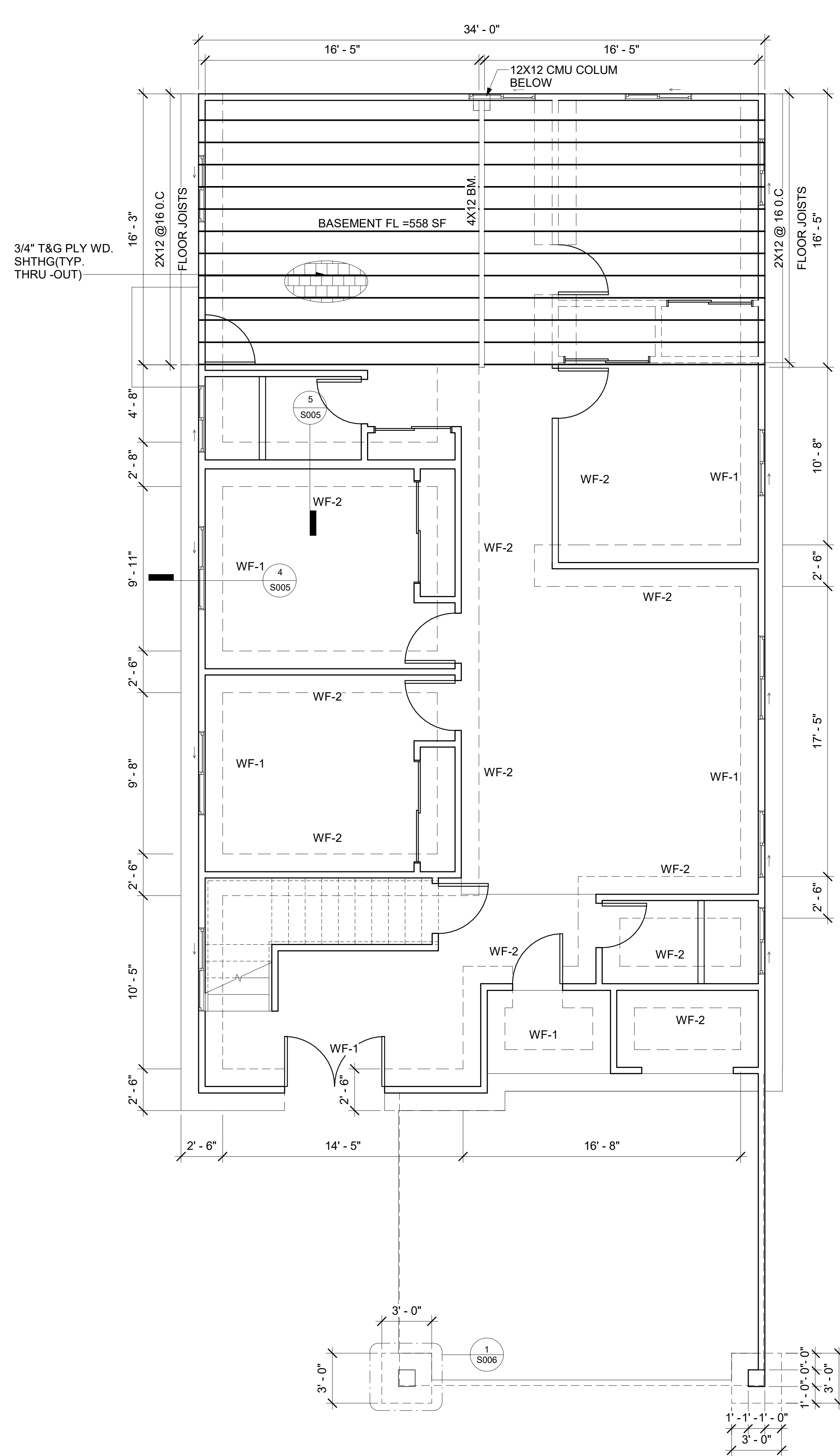
SHEET NO.:

**S003**

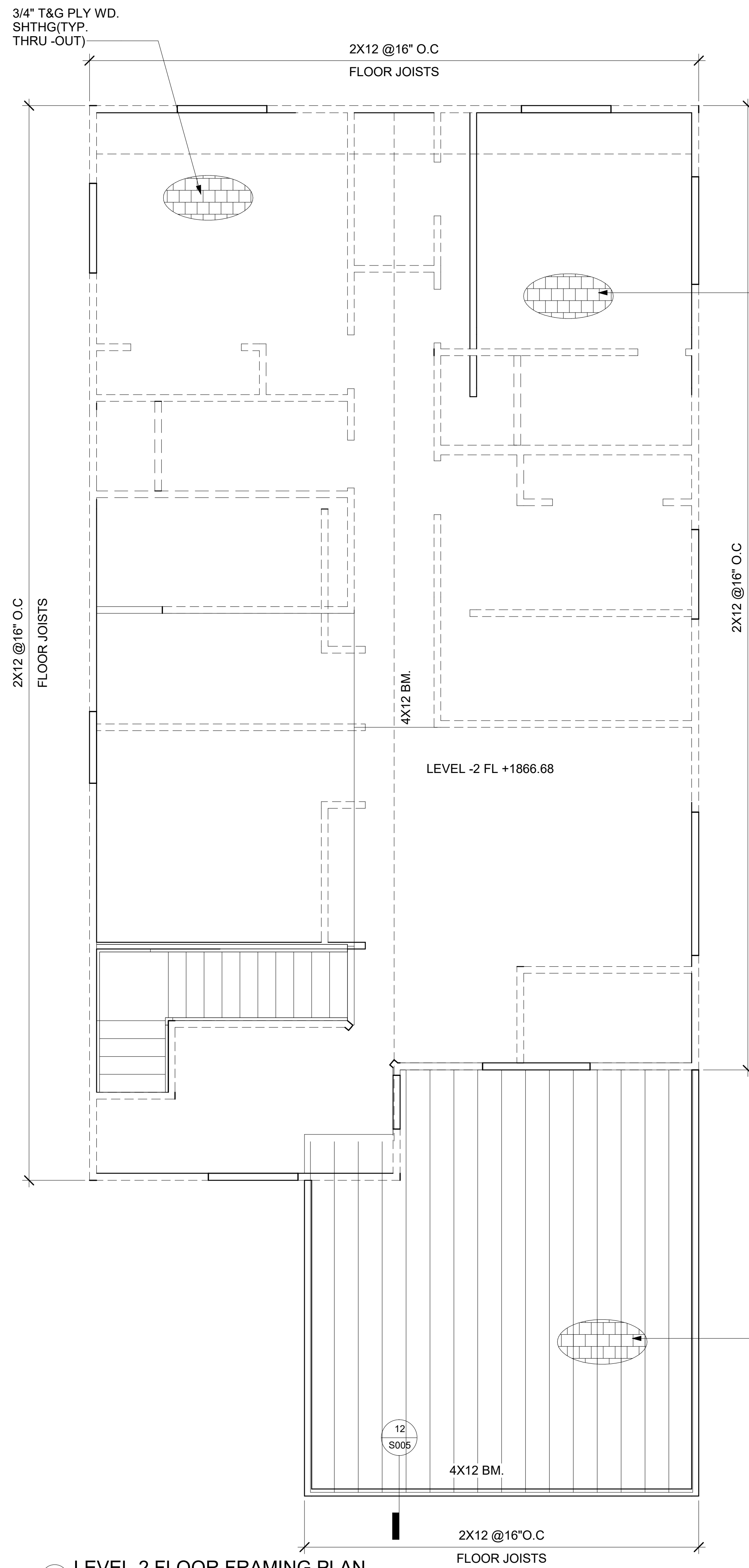
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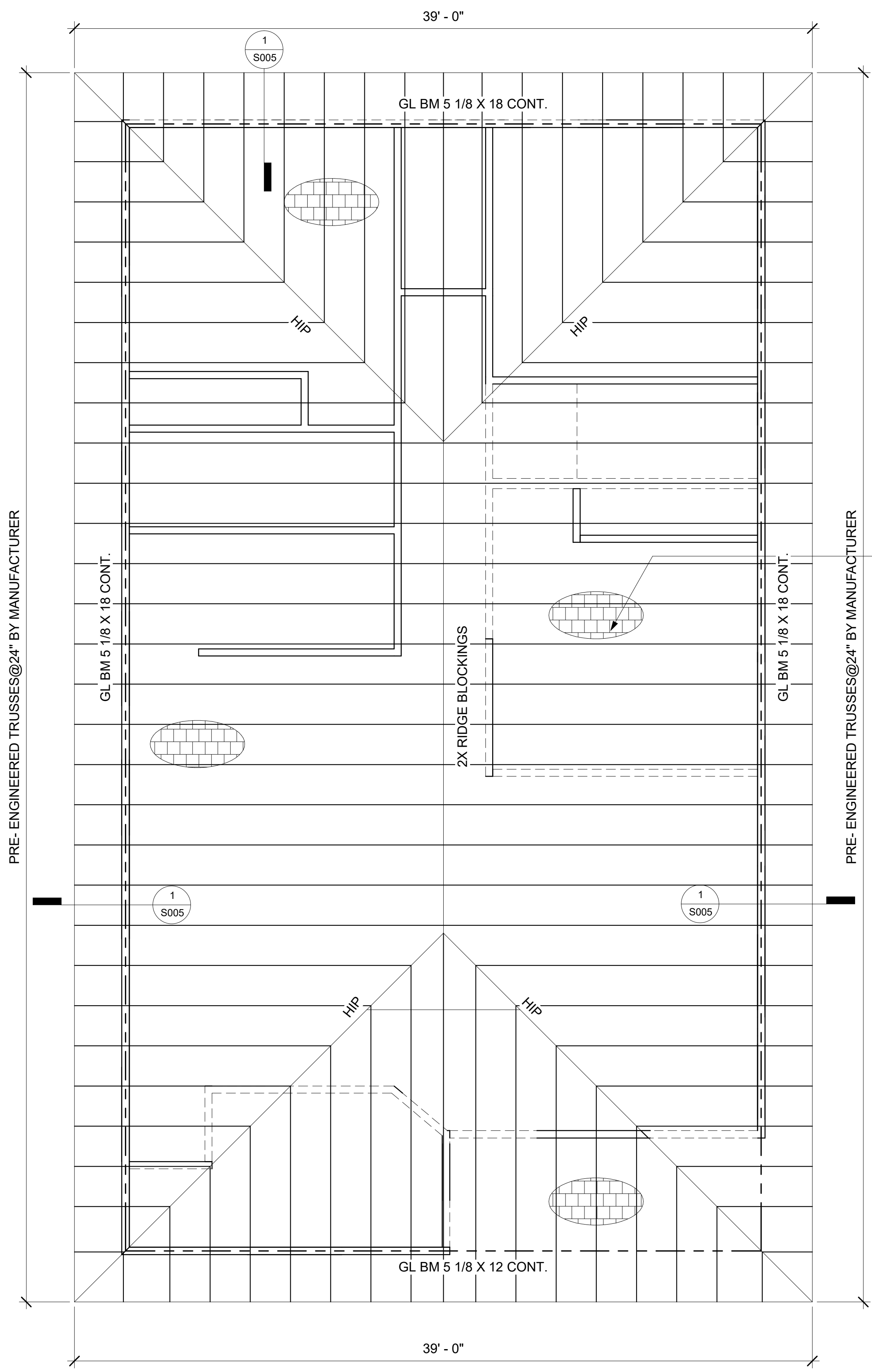
1 BASEMENT FOUNDATION PLAN  
1/4" = 1'-0"



2 LEVEL 1-FRAMING PLAN AND FOUNDATION PLAN  
1/4" = 1'-0"



1 LEVEL-2 FLOOR FRAMING PLAN  
1/4" = 1'-0"



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

**GRAPHIC SCALES**

1/64" = 1'-0"	1/32" = 1'-0"	3/128" = 1'-0"	1/16" = 1'-0"
1/32" = 1'-0"	1/16" = 1'-0"	3/64" = 1'-0"	1/8" = 1'-0"
1/16" = 1'-0"	3/32" = 1'-0"	1/4" = 1'-0"	1/4" = 1'-0"
3/64" = 1'-0"	1/8" = 1'-0"	3/16" = 1'-0"	1/2" = 1'-0"
1/8" = 1'-0"	1/4" = 1'-0"	3/8" = 1'-0"	1/2" = 1'-0"
3/16" = 1'-0"	1/2" = 1'-0"	3/4" = 1'-0"	1" = 1'-0"
1/4" = 1'-0"	1" = 1'-0"	1 1/2" = 1'-0"	2" = 1'-0"
3/4" = 1'-0"	2" = 1'-0"	3" = 1'-0"	4" = 1'-0"
1" = 1'-0"	4" = 1'-0"	6" = 1'-0"	12" = 1'-0"
2" = 1'-0"	6" = 1'-0"	12" = 1'-0"	3" = 1'-0"

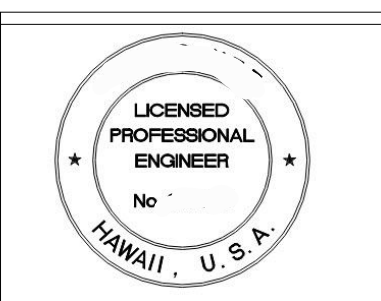
**\*ROOF FRAMING NOTE:**  
PROVIDE 2x BRACE AT 8'-0" MAXIMUM FOR ALL ROOF TRUSS BOTTOM CHORD.

ALL HEADERS ARE 4x10 U.O.N

**\*FLOOR FRAMING NOTE:**  
PROVIDE 2x BLOCKING AT 8'-0" MAXIMUM FOR ALL FLOOR JOISTS, TYPICAL.

ALL HEADERS ARE 4X12 U.O.N.

5/8" PLY WD.SHT'G (TYP.THRU -OUT)



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

1773 AKAH STREET UNIT A  
HONOLULU, HI 96819  
TMK: 1-3-025-024

FRAMING PLAN

REVISION	NO.

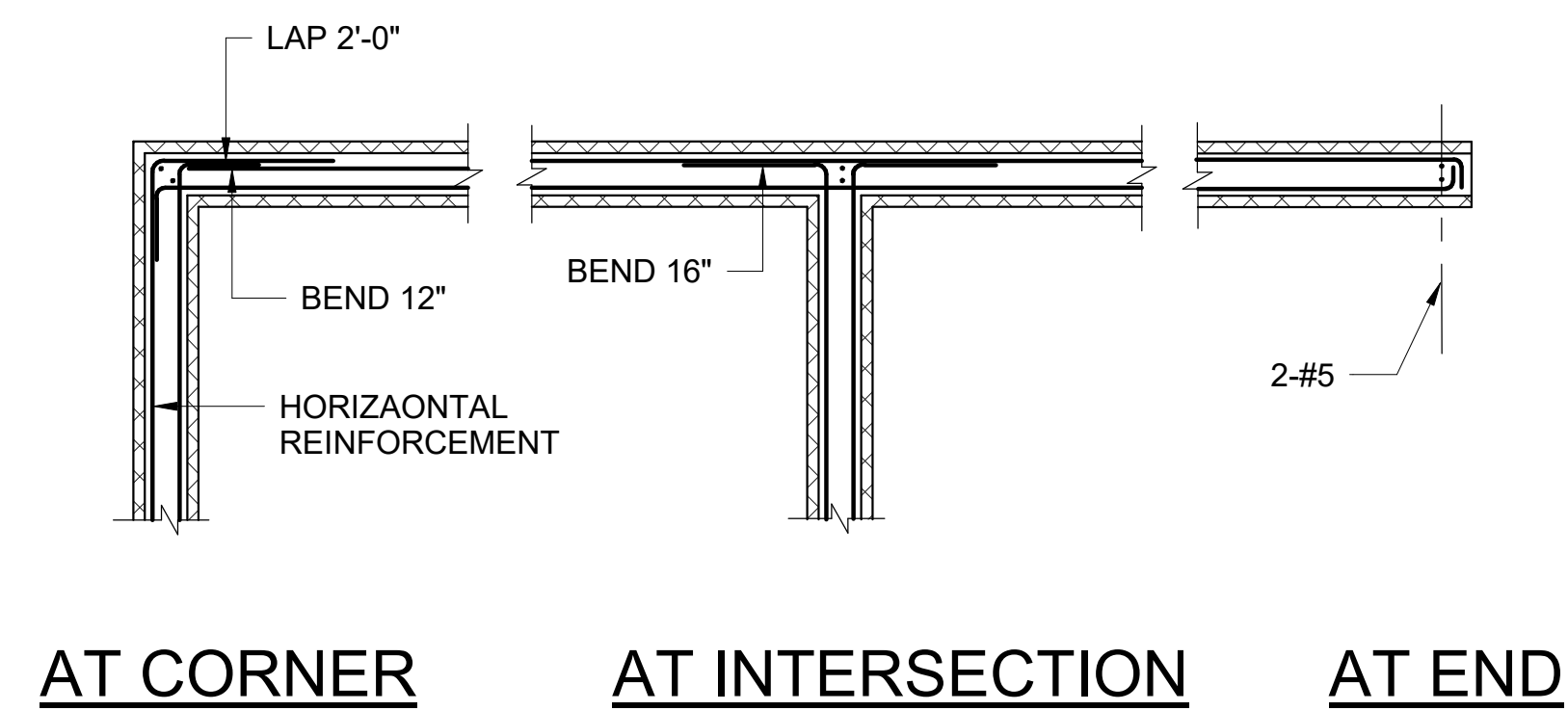
DATE: -

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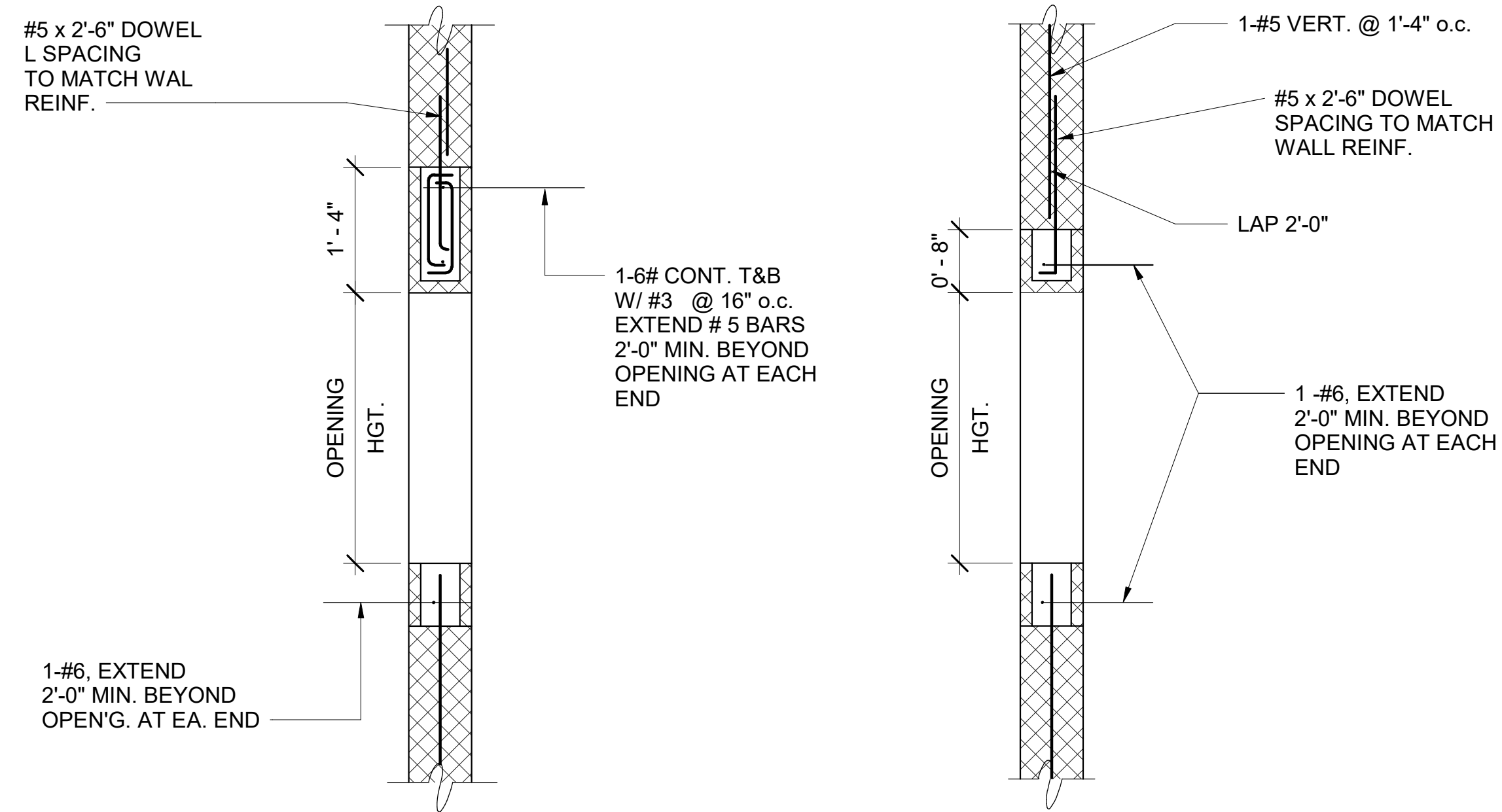
S004





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

4 TYPICAL MASONRY BOND BM . DETAIL  
3/4" = 1'-0"



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

4'-0" MAX.  
OPENING WIDTH

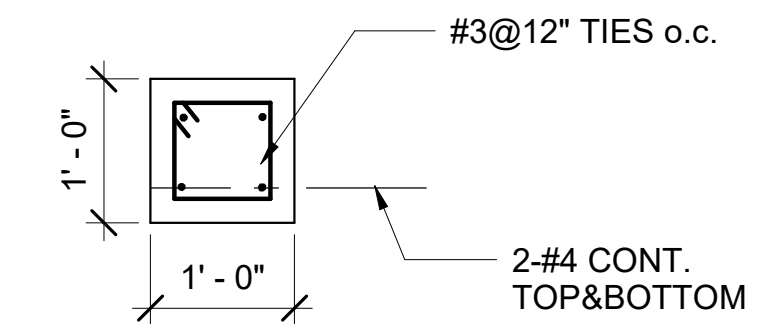
3 TYP. MASONRY LINTEL BEAM DETAIL  
3/4" = 1'-0"

GRAPHIC SCALES

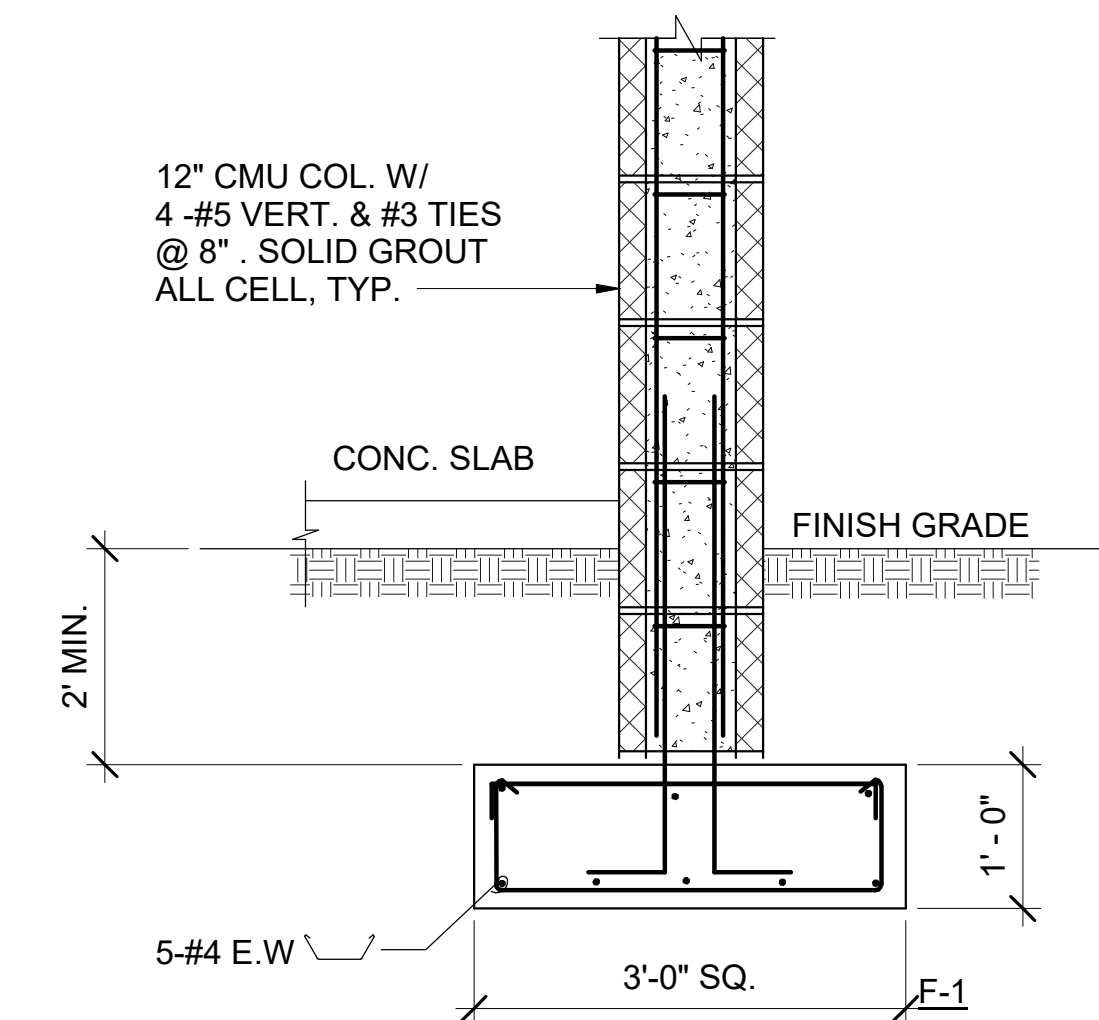
1/8" = 1'-0"	1/16" = 1'-0"	3/32" = 1'-0"	1/8" = 1'-0"
1/16" = 1'-0"	1/32" = 1'-0"	3/64" = 1'-0"	1/16" = 1'-0"
1/32" = 1'-0"	1/64" = 1'-0"	3/128" = 1'-0"	1/32" = 1'-0"
1/64" = 1'-0"	1/128" = 1'-0"	3/256" = 1'-0"	1/64" = 1'-0"
1/128" = 1'-0"	1/256" = 1'-0"	3/512" = 1'-0"	1/128" = 1'-0"
1/256" = 1'-0"	1/512" = 1'-0"	3/1024" = 1'-0"	1/256" = 1'-0"
1/512" = 1'-0"	1/1024" = 1'-0"	3/2048" = 1'-0"	1/512" = 1'-0"
1/1024" = 1'-0"	1/2048" = 1'-0"	3/4096" = 1'-0"	1/1024" = 1'-0"
1/2048" = 1'-0"	1/4096" = 1'-0"	3/8192" = 1'-0"	1/2048" = 1'-0"
1/4096" = 1'-0"	1/8192" = 1'-0"	3/16384" = 1'-0"	1/4096" = 1'-0"

CMU RETAINING WALL SCHEDULE							
DIMENSIONS				SOLID GROUT ALL CELL			
H	H1	H 2	H 3	W	T	K	D
≤ 4'-0"	≤ 4'-0"	—	—	2'-6"	12"	—	—
6'-0"	6'-0"	—	—	3'-6"	12"	—	—
8'-0"	6'-0"	2'-0"	—	5'-0"	12"	12"	8"
REINFORCEMENT							
STEM				BASE			
① (V)	② (V)	③ (H)	④ (H)	⑤ (H)	⑥ (H)	⑦ (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"	#5@8"	2-#4@24"	#5@16"	#4@16"	#4@16"	#4@12"

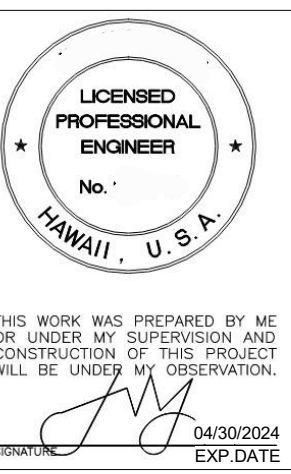
5 CMU RETAINING WALL SCHEDULE  
3/4" = 1'-0"



2 GRADE SECTION  
3/4" = 1'-0"



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



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DETAILS

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