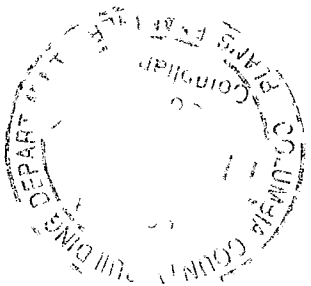
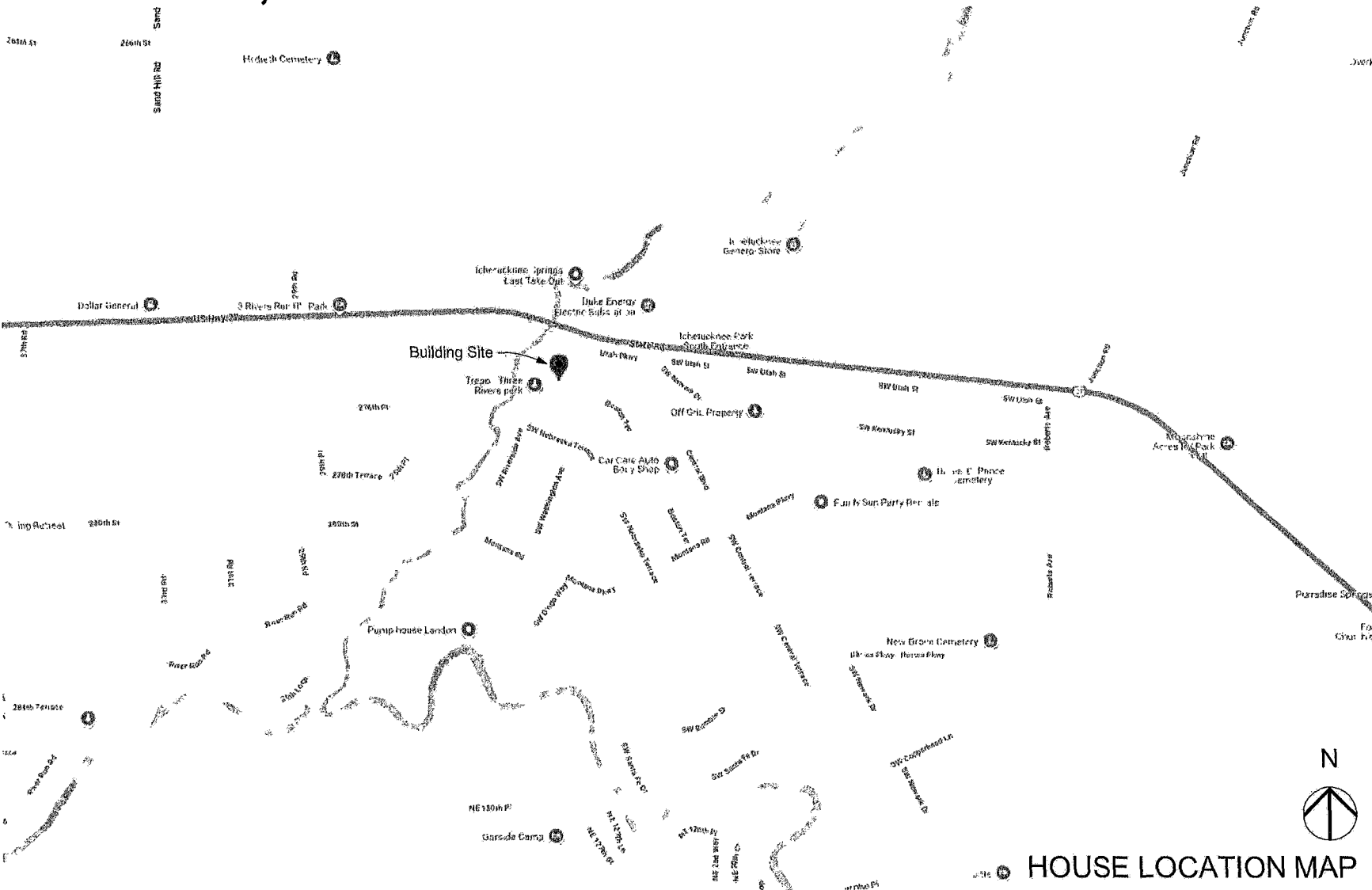


# Gilchrist River House

## 285 Riverside Avenue

### Ft. White, Florida 32038



#### OWNER AND ARCHITECT

Owner, Permanent Mailing Address.  
Hilda and David Gilchrist  
2235 Trescott Drive  
Tallahassee FL 32308

Owner, Local Address  
302 SW Riverside Avenue  
Ft. White FL 32038

Architect:  
David D. Gilchrist, AIA  
FL Registration AR0012025

General Contractor: TBD

#### PROPERTY

Address 285 SW Riverside Avenue, Ft White, FL 32038  
Parcel: 00-00-00-00841-004  
Lot 4AA Three Rivers Estate Unit 11  
County Columbia FL  
STR. S0236s15

#### SWWMD FLOOD RECORD INFORMATION

Flood Hazard Areas Status Effective 02/04/2009  
FIRM Panel No. 12023C0458C  
Part of Parcel in Flood Zone AE  
0.2% Annual Chance Flooding (500-Year Flood Zone)

#### GENERAL DEVELOPMENT NOTES

- The project shall be developed in accordance with Section 8.5.2 of the Columbia County Land Development Regulations for development in Flood Zone AE

#### ABBREVIATIONS AND DEFINITIONS

ARCHITECT David Gilchrist 0012025  
Contractor General Contractor or Trade Contractor  
FCIC Furnished by Contractor Installed by Contractor  
FOCI Furnished by Owner Contractor Installed  
FOIO Furnished by Owner Installed by Owner  
FBC Florida Building Code  
TBD To Be Determined by Owner

Other Common Abbreviations  
<https://www.liveabout.com/construction-abbreviations-in-drawings-845023>

#### SHEET INDEX

Contract Documents	REVISION
A.00 Cover Sheet	
A.01 Specifications and General Construction Notes	
C.10 Civil	
C.20 Civil	
A.10 Architectural Site Plan	2-11-25
A.11 Slab Plan	
A.12 Footing Details and Partition Types	
A.13 Floor Plan	2-11-25
A.14 Roof Framing and Connections Schedule	
A.15 Roof Plan	
A.16 Wind Load Diagrams	
A.17 Shear Wall Elevations	
A.18 Shear Wall Elevations	
A.19 Fastening Schedule	
A.21 Exterior Elevations	2-11-25
A.22 Exterior Elevations	2-11-25
A.30 Wall Section and Details	
A.40 Door Elevations Schedules and Notes	
A.50 Finish Floor Plan and Room Finish Notes	
A.60 Interior Elevations and Enlarged Plans	
A.61 Interior Elevations	
A.70 Details (RESERVED)	
M.10 HVAC Plan Diagram & RCP	
P.10 Site Plan - Plumbing	
P.11 Floor Plan & Isometric - Gravity Plumbing	
P.12 Floor Plan & Isometric - Pressure Plumbing	
P.12.1 Fixture Schedule and Notes	
G.10 Floor Plan & Isometric - Gas	
E.10 Electrical Service and Schedules	
E.11 Power and Lighting Plan	

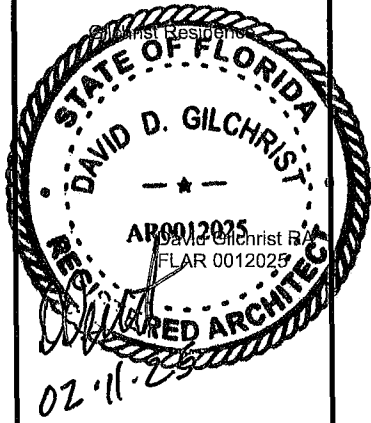
Hilda & David Gilchrist

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REVISION 4			
REVISION 5			
REVISION 6			
REVISION 7			
REVISION 8			
REVISION 9			
REVISION 10			

#### SHEET TITLE

Cover Sheet

A.00

SHEET 1 OF 30

01 GENERAL STRUCTURAL NOTES

- 1 Design Loads.
- Roof Live Load: 20 PSF  
Dead Load 16 PSF  
Wind Loads. See Sheet A.15
- 2 Allowable Deflection of Structural Members In accordance with FBC 1616 3.1 and not less than L/240.
- 3 Any wall openings shown on structural drawings are pictorial only See the Architectural Floor Plan and Elevations for the size and location of openings.

02 – EXCAVATION, BACKFILL AND FILL

- 1 The proximity of the property consists of excessively drained Bigbee Fine Sand as defined by the Florida Soil Survey Geographic Database Assumed soil bearing pressure shall be 2,500 PSF
- 2 Exposed Soils shall be compacted to densities equivalent to minimum 95% of the modified maximum dry density (ASTM D-1557) Structural fill shall consist of non-plastic, inorganic, granular soil containing less than 12% material passing the 200-mesh sieve (clean sand).
- 3 Foundations shall bear in compacted structural fill/backfill. Sandy soils shall be compacted to 95% of the modified proctor. Compaction shall not be attempted on clayey soils If encountered excavate to depth of 12-inches remove unsuitable soils and replace with acceptable backfill
- 4 The Contractor is responsible for all excavation including shoring and protection of adjacent property existing landscaping, structures, streets and utilities.
- 5 See ARCHITECTURAL SITE PLAN for excavation requirements of abandoned septic tank.

02 – SOIL TREATMENT

Provide treatment with an EPA-registered termiticide acceptable to the County in foundations and below ground slab.

03 CONCRETE GENERAL

- 1 If requested a copy of all concrete delivery tickets to the site shall be provided to the Architect/Owner and the Columbia County Building Official

03 REINFORCED CONCRETE

- 1 Comply with ACI 301 and 318
- 2 For house structure provide 4 000 psi structural concrete with a minimum ultimate compressive design strength in 28 days Exterior concrete slabs and foundations for the cmu wall shall be 3,000 psi
- 3 Mix.
- a For Slabs on Grade aggregate size shall be blend of #57 and #89  
b Fibers in mix not permitted  
c Pozzolan or fly ash and slag content shall be under 20%  
d Hold air entrainment to max 3%
- 4 Slumps of all structural concrete shall be 4" to 6 Water content shall be 0.42 except footing and grade beams may be 0.48.
5. Provide ASTM A-615 Grade 60 reinforcing steel Lap continuous reinforcing 48 bar dia Provide cover over reinforcing as follows.
- | a Element                      | Bottom | Top | Sides |
|--------------------------------|--------|-----|-------|
| b. Footings                    | 3"     | 2"  | 3"    |
| c. Grade Beams w/ Sides Formed | 3"     | 2"  | 2"    |
| d Slabs on Grade               | 2"     | 1   | 2"    |
- 6 Ensure required electrical grounding rod(s) are tied to foundation rebar prior to concrete pour

03 SLABS ON GRADE

- 1 Provide a 10 mil polyethylene sheeting between soil and bottom of slab. Utility penetrations shall be sealed
- 2 Provide 4" thick slabs with turned down and sloped edges reinforced with w1.4 x w1.4 6 x 6 WWM Use flat sheet stock WWM coil stock not permitted
- 3 Formed Expansion Joints. Closed-cell polypropylene foam Install with recess to receive sealant that shall be installed by the polished concrete contractor
4. Where indicated In addition to expansion joints, provide scored control joints at 10' max spacing each way for building interior and 6 for exterior slabs and/or where indicated on the drawings
5. Keyed Construction Joints. Where determined necessary by the concrete contractor to separate pours provide manufactured 24-gauge galvanized keyway Location shall take the place of a control joint, but not an expansion joint.
- 6 Provide chamfer at all exposed concrete corners and edges such as wing walls and column pedestal
- 7 Slabs shall be cured using a dissipating curing agent placed as soon as the finishing is completed or as soon as the water has lifted.
- 8 Exterior slabs shall be light broom finish
- 9 Pouring and Finishing Slab:
- a Concrete shall be placed floated and smoothed per ACI guidelines Power trowel smooth until there are no ridges.  
b. Plastic trowel blades preferred to prevent burning  
c. Obtain floor flatness of at least 50 floor levelness of at least 30  
d. Cream surface finish shall be achieved by thoroughly tamping and floating

- e Avoid blemishes shoe footprints and trowel marks,  
f Final finish shall be Class A Cement Fines as defined by the Concrete Polishing Council. Final appearance shall be Polished as defined by the Council.

- 10 Curing:
- a Cure for a minimum of 28 days.  
b. Use wet cure method A water-dissipating curing agent is acceptable Do not use acrylic curing agents, hardeners or other surface agents.
- 11 Joint Cutting Cut control joints within 6 to 12 hours after finishing
- 12 Protection
- a Pre-taped heavy duty protection board equal to Ram Board Plus Tape all seams  
b To caution trade contractors, provide signage indicating the concrete slab is the final floor finish  
c. During construction activities soiled or damaged protection board shall be replaced immediately

04– CONCRETE MASONRY

- 1 Units ASTM C90, normal weight, 8" nominal Type I moisture controlled integral water repellent, split-faced texture one side smooth the other
- 2 Wall caps Solid units 4" nominal
- 3 Mortar Conform to ASTM C270 Spec Mix acceptable
- 4 Reinforcing Steel Bars ASTM A 615 Grade 60
- 5 Joint Reinforcement. Hot-dipped galvanized wire-type single width 2-inches narrower than wall thickness
- 6 Grout for Unit Masonry Comply with ASTM C 476, field mix acceptable

05 - STRUCTURAL STEEL

- 1 Fabricate and erect structural steel in conformance with AISC Specification for the Design Fabrication and Erection of Structural Steel for Buildings.
- 2 Structural steel shapes shall be fabricated from the following materials.
- a Plates. ASTM A36 fy=36 ksi  
b Steel Pipe ASTM A53 type E or S Grade B, fy=35 ksi
- 3 All shop and field welding shall conform to AWS D1 1 Structural Welding Code by AWS. Use E70 series electrodes remove primer prior to welding
- 4 A325N bolts shall comply with "Specification for Structural Joints Using ASTM A325 bolts
- 5 Anchor rods shall be ASTM F1554 Grade 55
6. Provide hardened washers conforming to ASTM F436 and place under part being turned
- 7 Do not reuse or retighten bolts which have been fully tightened.
- 8 Setting base and bearing plates Clean concrete surface of bond-reducing materials and clean bottom of base plate
- a Set base plate on wedges  
b Tighten anchor rods after structural steel frame has been plumbed Do not remove wedges or shims, but if protruding cut off flush with edge of base plate prior to packing with grout.  
c. Pack or pour non-shrink grout between bearing surface and base plate Ensure no voids remain Finish exposed surfaces protect grout and allow to cure
- 9 Shop prime steel after fabrication
- a Refer to Painting for acceptable primer product.  
b Touch-up prime damaged surfaces and field welds

06.1 – WOOD FRAMING

- 1 Wood construction shall be in accordance with
- a FBC Chapter 23  
b. Connections and Fasteners. FBC Table 2304 10 1
- 2 Rough Carpentry Products
- a Load Bearing: No. 2 Southern Pine  
b. Non-Loading Bearing Concealed: Construction or No. 2 Southern Pine  
c. Miscellaneous Concealed Structural Blocking No. 2  
d Pressure Treated (PT) Lumber AWP/A U1 Category UC4a for items in contact with ground
- 3 Metal Framing Anchors. Simpson Strong-Tie type as noted and scheduled on drawings.
- a Connector Vendor/Supplier to verify all models and quantities with plans.

06.2 – PREFABRICATED WOOD TRUSSES

- 1 Designed, Fabricated and Installed in accordance with FBC 2319 17 2
- 2 Supply Engineers sealed drawings for Architect's review and acceptance prior to submitting to Building Department.

06.3 - ENGINEERED STRUCTURAL WOOD FRAMING

- 1 Source Limitations. Obtain engineered wood products from single source manufacturer
- 2 Products shall contain no urea formaldehyde.
- 3 Basis of Design: Weyerhaeuser 2 OE Microlam LVL
- 4 Metal Framing Connectors and Anchors. Simpson Strong-Tie
- a Connector Vendor to verify all models and quantities with framing plans.
- 5 No holes or notches permitted in beam components.

06.4 - SHEATHING

- 1 Plywood
- a. Wall Sheathing Exposure 1 Structural 1 15/32' Grade 24/16.  
b. Roof Sheathing Exterior Structural 1 23/32' Grade 40/20

06.5 – EXTERIOR FINISHED CARPENTRY

- 1 General Provide Hardie products shop primed Follow "Best Practice Guides" and applicable installation "Technical Bulletins" as provided in "Installation Guidance & Technical Downloads"
- 2 Siding
- a Artisan 0 312 inch thickness v-groove smooth  
b. Vertical Siding/Panel 5/16 thickness.  
c. Batten Trim: 0 75 inches thick x 1 65 inches width  
d Other Trim: Nominal widths indicated on the drawings  
e Provide Z-Flashing at base of siding  
f Horizontal joints including door and window heads shall be flashed per Hardie guidelines.
- 3 Soffits (non-vented)
- a Product: Hardie Board 0.25" smooth  
b Block at perimeter and all buttled joints.  
c. Provide recommended 1/8" gap at buttled. No battens Seal joints with siliconized acrylic sealant.  
d Ensure moisture barrier is intact and continuous prior to installation of boards.
- e Installation of soffit required prior to sprayed insulation

06.6 – INTERIOR WOOD TRIM

- 1 Quality Any closed grade hardwood, premium grade S4S
- 2 Base Board 1x6
- 3 Door Casing 1x4
- 4 Finish Painted

06 7 – CASEWORK AND COUNTERTOPS

- 1 Refer to INTERIOR ELEVATIONS sheets.

07 – MOISTURE BARRIERS

- 1 Installation in accordance with manufacturer's written instructions
- 2 Exterior Walls Weather Barrier DuPont Tyvek Drain Wrap All seams penetrations and openings sealed with Dupont self-adhered manufactured products.
- 3 Roofing Moisture Barrier Grace Ice & Water Shield High Temperature HT for metal roofs, 40 mil.
- 4 Soffit and Roof Overhangs Tyvek Commercial Wrap
- a Note These areas shall not be ventilated  
b. Insure continuity of wrap at lap with wall weather barrier and wrap at lap with roof weather barrier for vapor tight construction

07 - INSULATION

- 1 Unfaced, Glass-Fiber Blanket Insulation ASTM C 665 Type I thickness as required to meet R values indicated Exterior Walls R-21
- 2 Spray Applied Foam Equal to Demilec Saalection 500 two-component, open cell semi-rigid foam system. Roof R-38

07 - METAL ROOFING

- 1 Gulf Lok Snap Lock, 24 gauge Galvalume 16 width striated
- a Finish Galvalume AZ-55 25-year warranty  
b. Optional Finish Provide additive cost proposal to Owner for Kynar 500 coating, 35 year warranty
- 2 Trim All 26 gauge including but not limited to ridge cap, peak cap, low-profile concealed rake, eave trim
- 3 Fasteners Manufacturer's standard concealed fasteners to meet requirements of wind load zone criteria.
- 4 Accessories High temperature rubber roof jack for VTRs which shall be only penetrations through the roof

08 – DOORS AND HARDWARE

- 1 Exterior Doors. See Window and Exterior Door Schedule on the drawings
- 2 Interior Doors. Equal to Trimlite solid wood core pre-hung and pre-drilled with hinges 1-3/8" thickness, shop primed

08 – WINDOWS

- 1 Refer to Window and Exterior Door Schedule on the drawings.
- 2 Installation
- a Installation by factory-trained contractor  
b Ensure head, jamb and sill weather resistive barrier flashing is installed properly Replace torn or damaged flashing

09 - FINISHES

09 1 Gypsum Board

- 1 Gypsum Wallboard: ASTM C 1396/C 1396M
- a Thickness 5/8"  
b. Square Edges
- 2 Gypsum Ceiling Board (other than Bathrooms)
- a Thickness 5/8"  
b. Square Edges
- 3 Moisture and Mold-Resistant Gypsum Board (Bathrooms) or than shower walls specified in 09.2
- a ASTM D 3273  
b. Thickness. 5/8"  
c. Long Edges. Tapered
- 4 Control Joint: Inverted 1/2" deep vinyl expansion joint equal to Plastic Components Inc.
- 5 Finishes ASTM C 840
- a Partitions. Level 4  
b. Ceilings: Level 4

09.2 Porcelain Ceramic Tile

- 1 Showers. TCNA B421C for ceramic tile including but not limited to
- a Depressed Floor: Sloped mortar bed with reinforced fabric, bonded waterproof membrane cementitious bond, Mapei polymer grout, silicone sealant sanitary grade  
b Shower Wall: 1/2" DensShield by Georgia Pacific tile backing panel bonded waterproof membrane, cementitious bond coat, grout.
- 2 Bathroom Floors: TCNA F113 for ceramic tile including:
- a Bonded waterproof membrane, cementitious bond coat, Mapei polymer grout.

- 3 Stone Threshold Marble honed, width as indicated on FLOOR FINISH PLAN
- 4 Tile Products. Refer to INTERIOR ROOM FINISH NOTES on the drawings.

09 3 Painting

Final paint colors and sheen shall be selected by the Owner

Paint Systems (PS):

- PS-1 Gypsum Board – All areas except Bathrooms  
Two Coats MPI #138 (Paint/Primer) Latex, Matte Gloss Level 1
- PS-2 Gypsum Board – Bathrooms  
Primer: MPI #50  
Two Top Coats. MPI #44 Latex, Low Sheen Gloss Level 2
- PS-3 Hardie Board Walls and Soffits  
Primer: Hardie PrimePlus' or MPI #3 Alkali Water Based  
Two Topcoats. MPI # 15 Exterior Acrylic Enamel Low Sheen/Satin
- PS-4 Interior Wood Trim, Doors and Frames  
Primer: MPI #39  
Primer omitted for shop primed pre-hung doors and frames  
Two Topcoats MPI #52 Gloss Level 3
- PS-5 Exterior Structural Steel  
Shop Primer: MPI #79 Universal Primer  
Two Topcoats MPI #94 Alkyd Semi-Gloss, Gloss Level 5

10 – BATHROOM ACCESSORIES

- 1 Refer to PLUMBING FIXTURE SCHEDULE and GRAB BAR SCHEDULE

End of specification notes

GENERAL CONSTRUCTION NOTES

- 1 To the best of the Architect's knowledge, the Drawings comply with the applicable requirements of the governing Building Code The Structure is designed to be structurally sound when completed
- 2 The governing Codes for this Project are the
- a FLORIDA BUILDING CODE (FBC) RESIDENTIAL, 2023 8th Edition  
b. FLORIDA BUILDING CODE ENERGY CONSERVATION 2023  
c. FBC MECHANICAL 2023 8th Edition  
d FBC PLUMBING 2023 8th Edition  
e NATIONAL ELECTRICAL CODE 2020
- 3 The General Contractor shall be licensed and insured in the State of Florida and licensed for business with Columbia County and/or the City of Fort White
- 4 The Contractor and/or its trade contractors shall complete outstanding items required by the Building Permit Application
- 5 The Plumbing Mechanical and Electrical Contractors shall be responsible for paying for and securing the respective permits for their work.
- 6 Prior to construction The General Contractor shall file a Notice of Commencement (NOC) to the Columbia County Building Department.
- 7 The Contractor shall protect adjacent property his own work and the public from harm.
- 8 Exterior envelope components including windows and glazing and doors and frames shall be designed fabricated and installed to meet 130 mph wind speed
- 9 Florida Product Approval Specification Sheets shall be provided to the Building Department prior to ordering and delivery of products to the site in accordance with Florida Statute 553 842.
- 10 The Contractor is solely responsible for construction means and methods and jobsite safety including all OSHA requirements.
- 11 All correspondence shall be through the General Contractor
- 12 Contractors who discover discrepancies, omissions or variations in the Drawings during bidding or pricing shall immediately notify the Architect through the General Contractor The Architect will resolve the condition and issue a written clarification to the General Contractor
13. Where clear dimensions are indicated this shall mean clear width from finished wall to finished wall or clear floor area between building components.
- 14 Do not scale drawings If there is a conflict in dimensions or if there is insufficient dimensioning, contact the architect for clarification prior to proceeding
15. Typical and standard details may be provided in the drawings If a specific detail is not provided for condition of fabrication and/or installation contact the Architect prior to proceeding
16. All finishes and colors shall be selected by the Owner
- 17 The installation of mechanical plumbing and electrical items (including utilities rough ins system components and finished fixtures) in exposed to view areas or spaces shall be undertaken with skill and craftsmanship to provide a finished condition acceptable to the Architect. All exposed to view items shall be factory finished or finished with paint unless otherwise indicated not to be painted

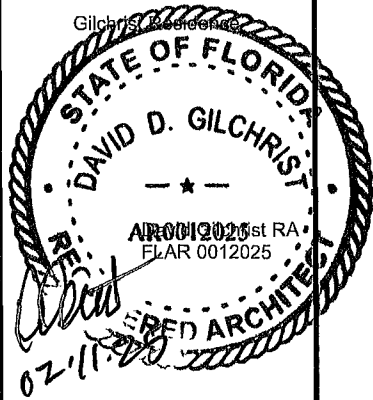
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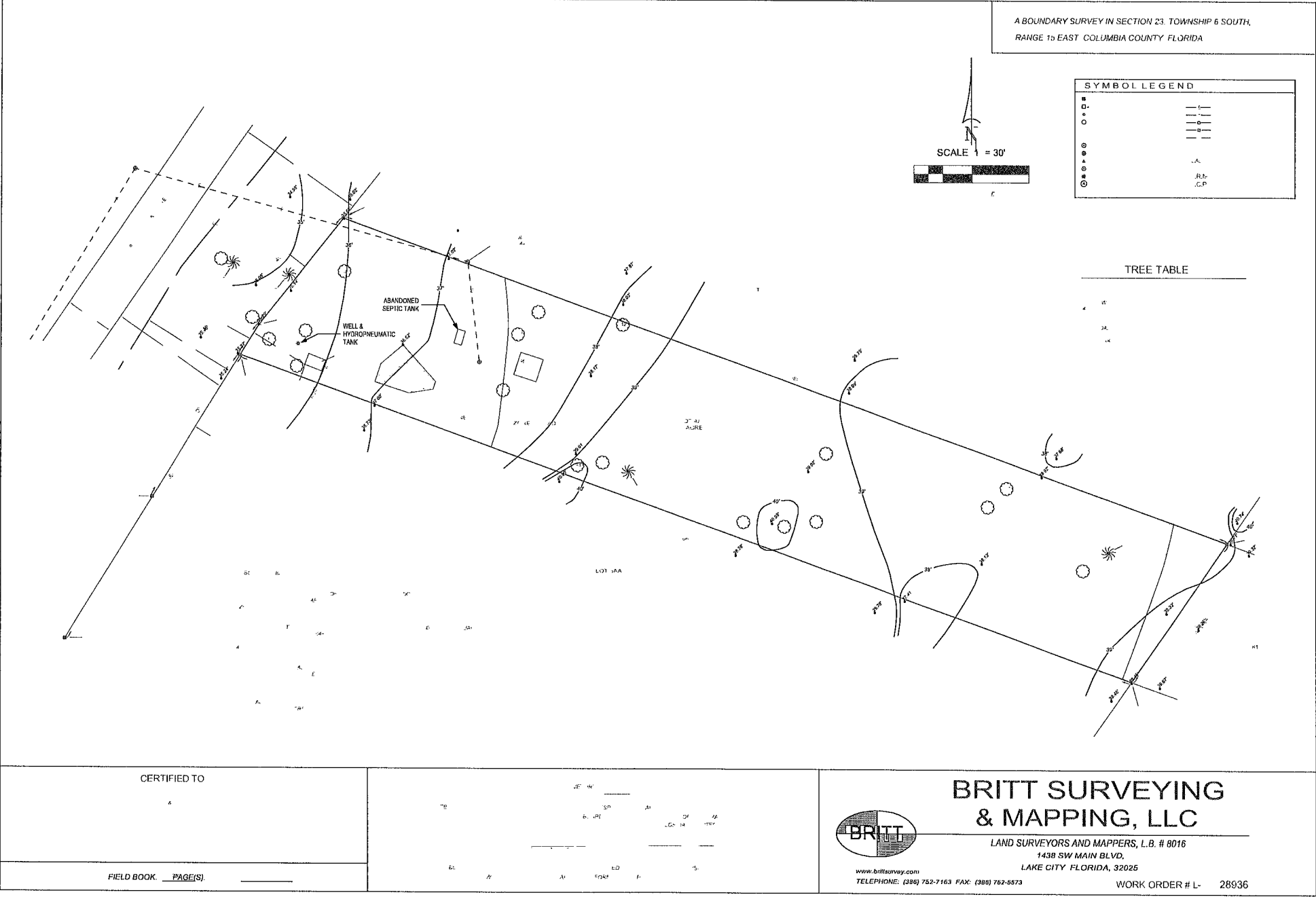
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Specifications and  
General Construction  
Notes

A.01

SHEET 2 OF 30



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David Gilchrist RA  
FLAR 0012025

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Civil

C.10

SHEET 3 OF 30

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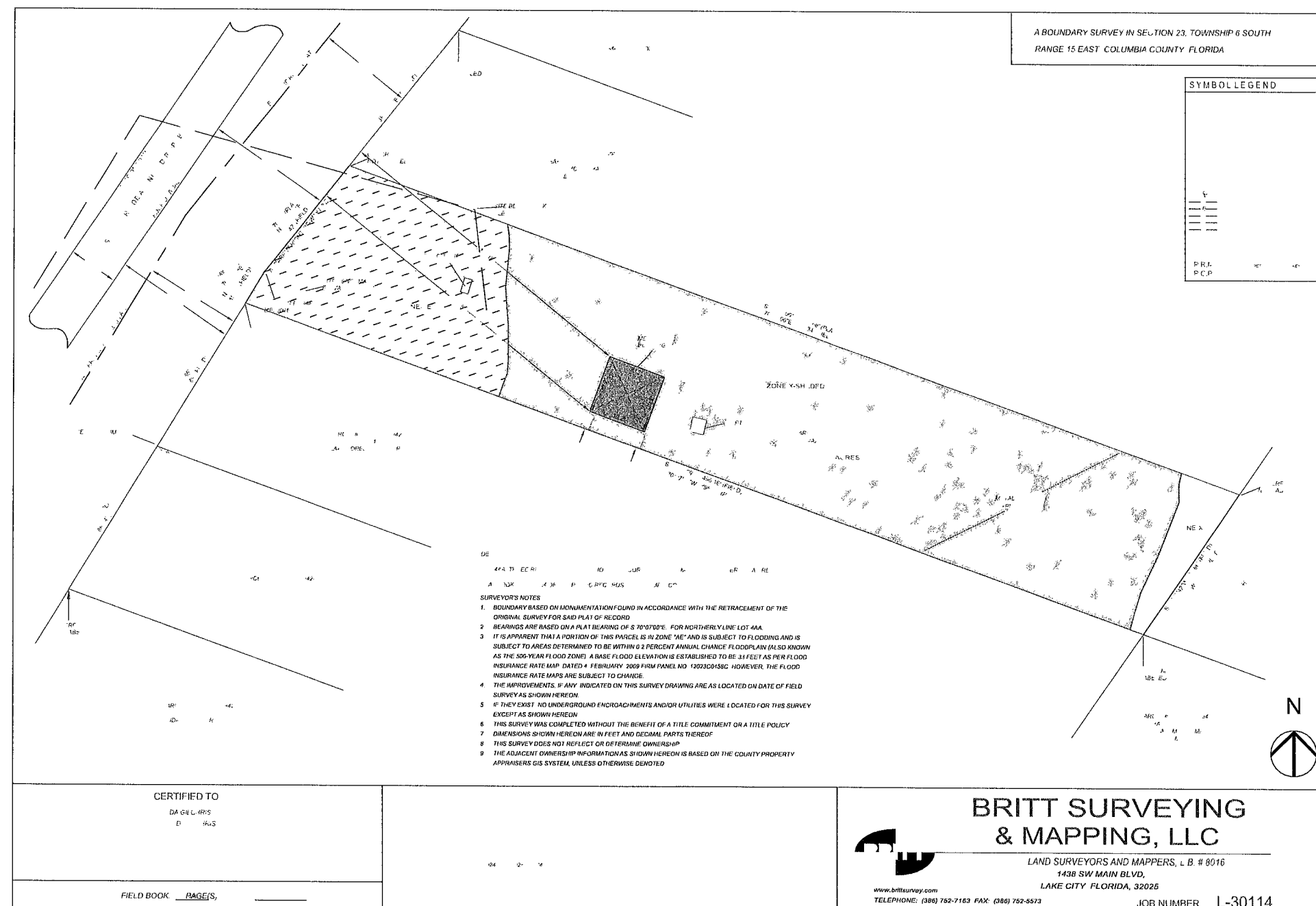
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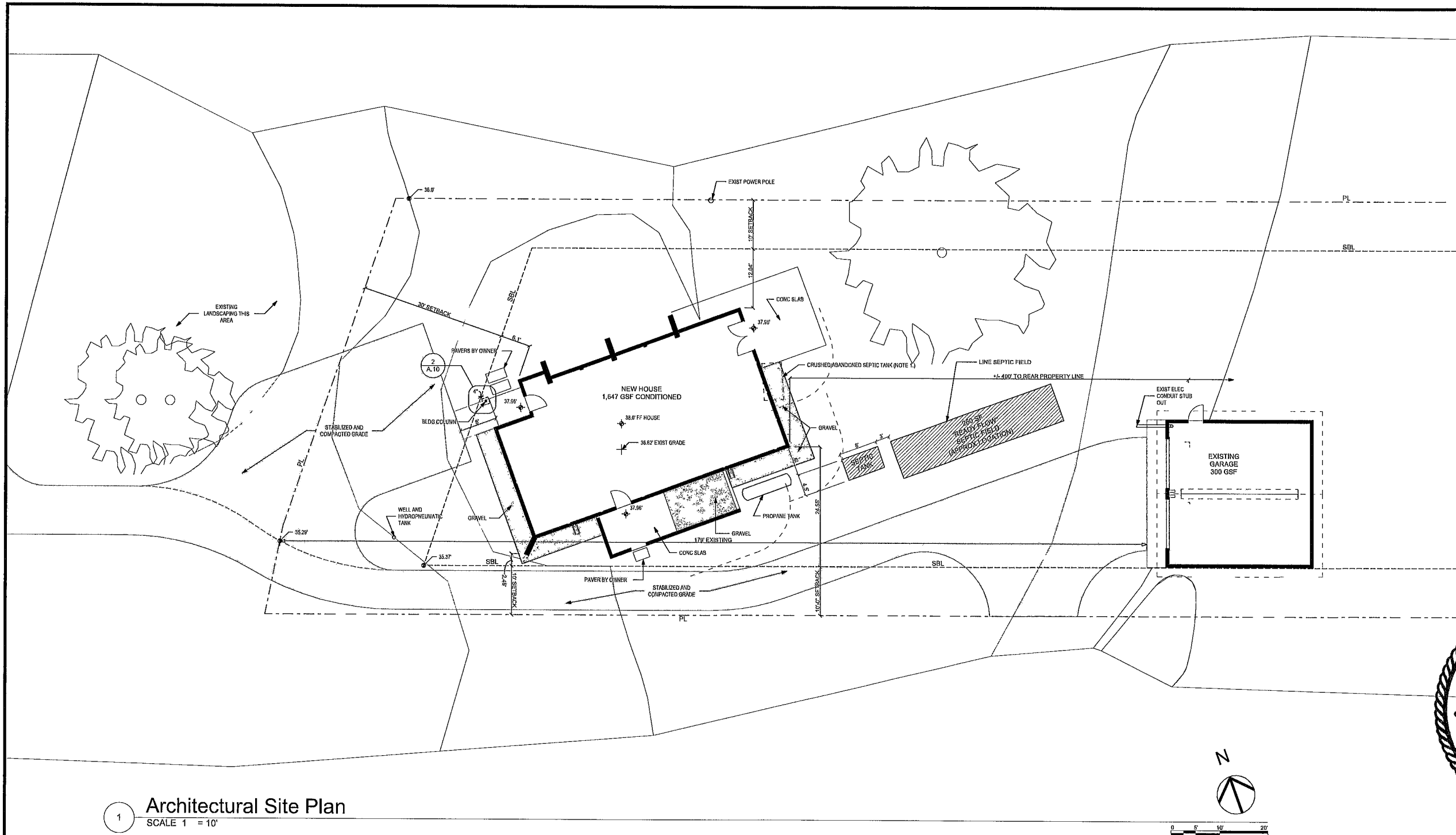
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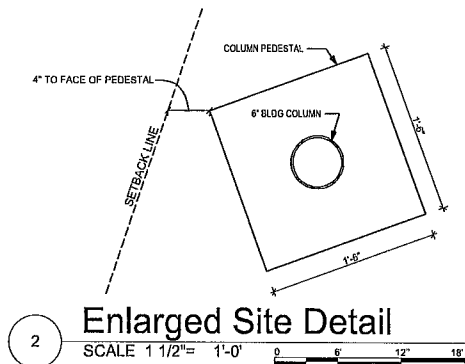
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SHEET 4 OF 30





1 Architectural Site Plan  
SCALE 1" = 10'



2 Enlarged Site Detail  
SCALE 1 1/2" = 1'-0"

NOTES.

1) TANK WAS DECOMMISSIONED AND CLEANED DURING ABANDONMENT PRIOR TO EXCAVATION OF FOUNDATION FOOTINGS EXCAVATE AREA OF FORMER TANK TO 4-FOOT DETPH AND REMOVE AND DISPOSE OF ANY LOOSE MATERIAL. BACKFILL AND COMPACT WITH SUITABLE FILL IN 12-INCH LIFTS RETURNING TO GRADE LEVEL.

Hilda & David Gilchrist

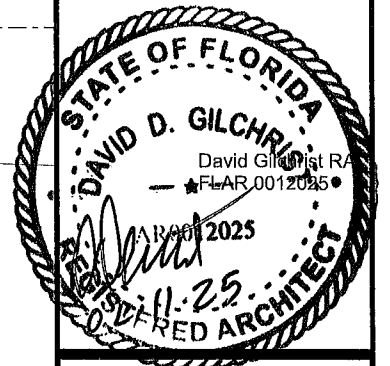
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SHEET TITLE

Architectural Site Plan

A.10

SHEET 5 OF 30

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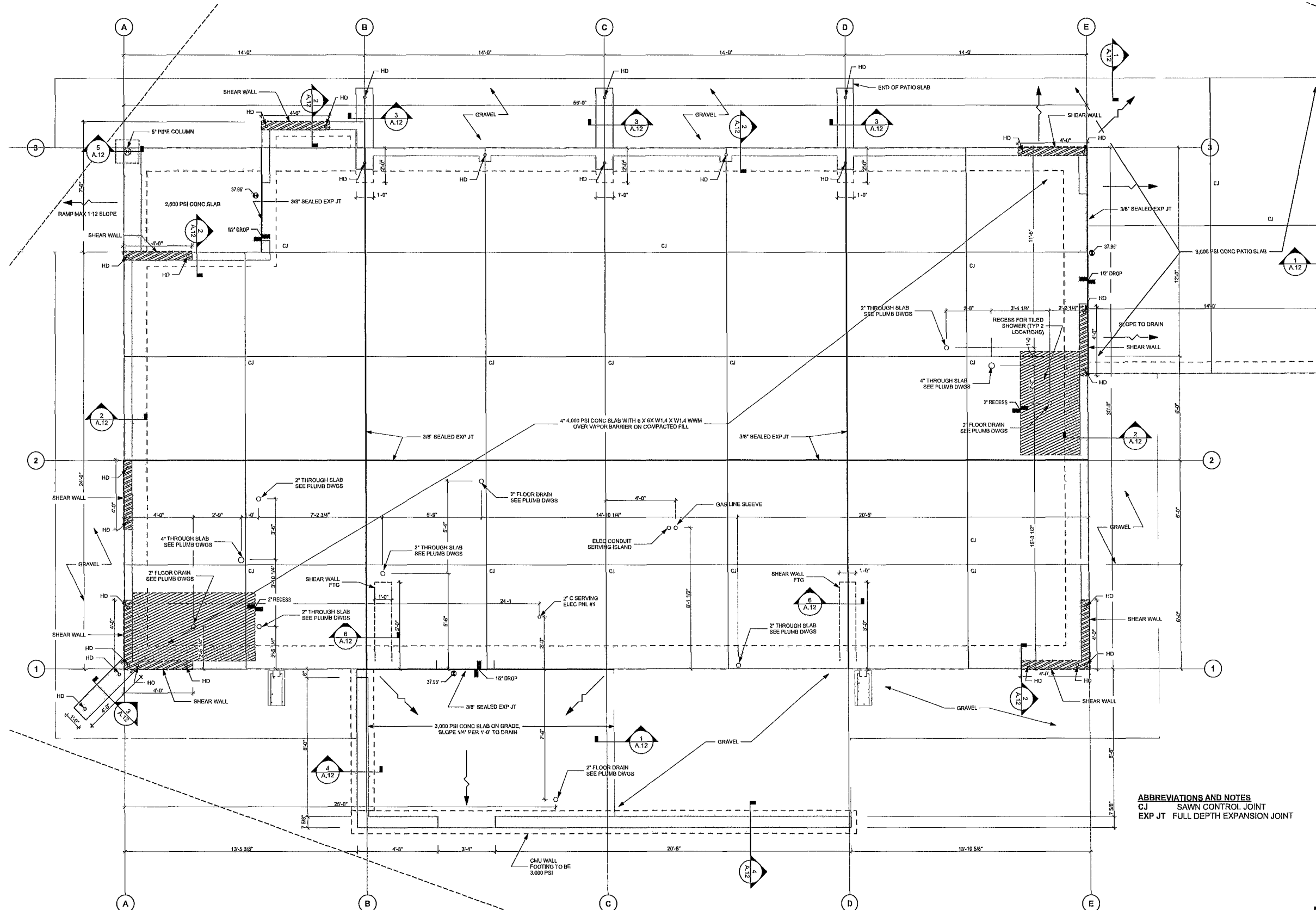
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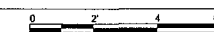
Slab Plan

A.11

SHEET 6 OF 30



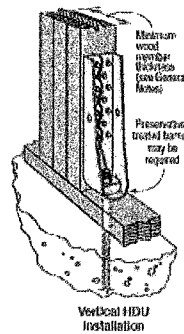
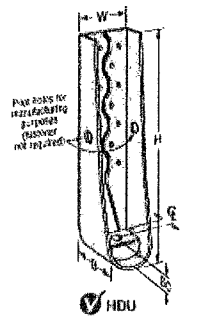
NOTES PLUMBING AND ELECTRICAL FLOOR PENETRATIONS SHALL BE CHECKED BY THE TRADE CONTRACTORS AHEAD OF SLAB POUR.



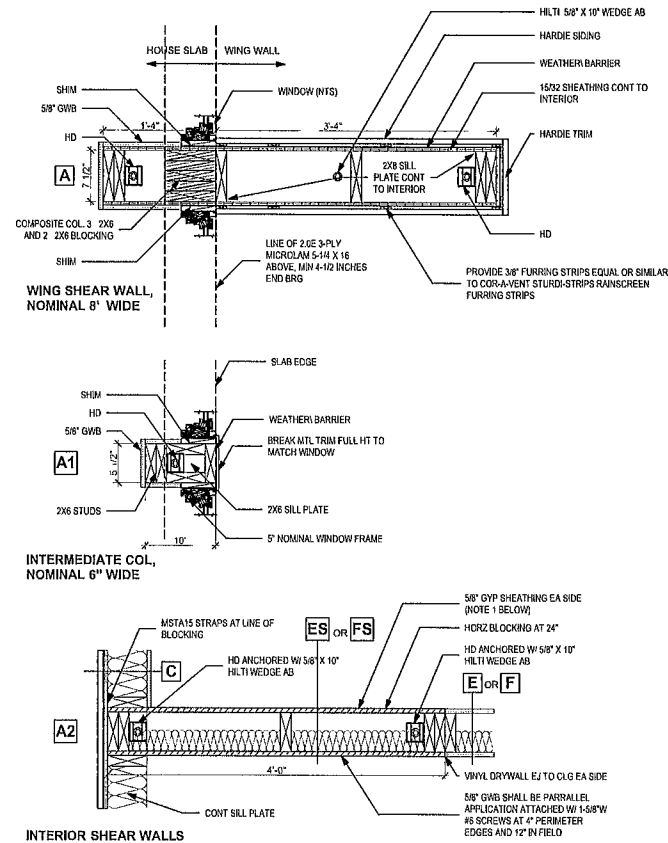
Foundation Plan

SCALE 3/8" = 1'-0"

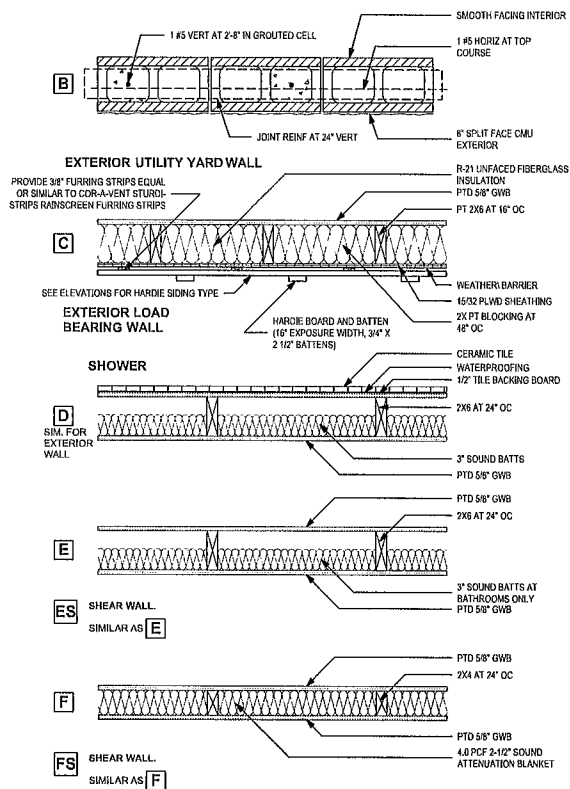
## Hold Down (HD) Detail



NOTE: SEE SHEET A 14 FRAMING CONNECTOR SCHEDULE

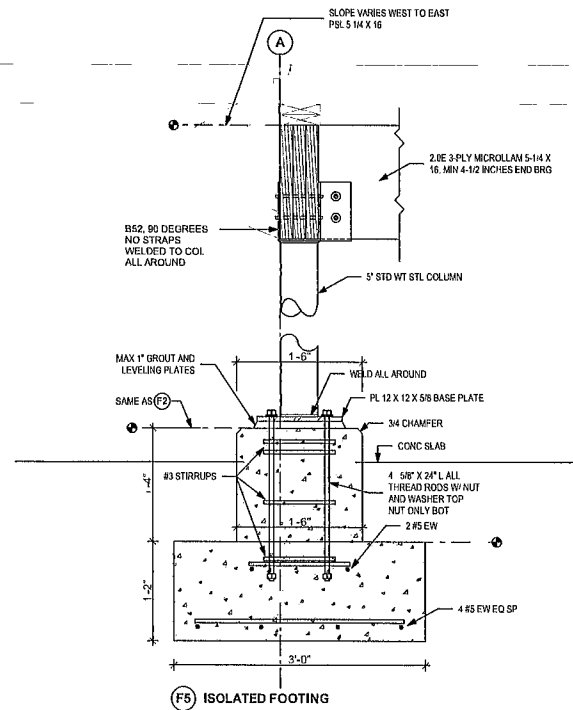


NOTE:  
1. EXTEND GYP SHEATHING TO INTERIOR FACE OF EXT SHEATHING AND EXTEND WALL TO UNDERSIDE OF ROOF DECK. ANCHOR ROOF DECKING TO SHEAR WALL TOP PLATE



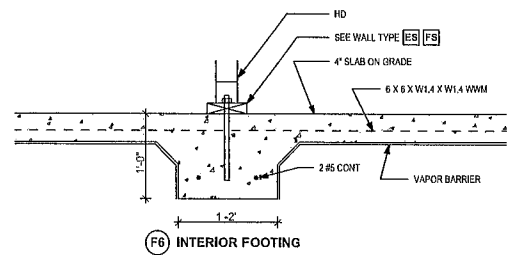
## Wall and Partition Types

SCALE 1" = 1'-0"



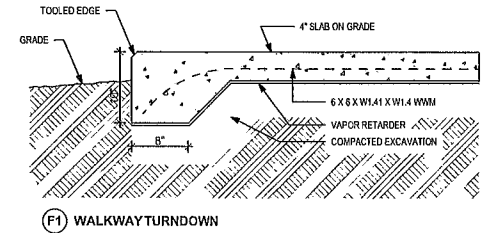
## F5 Isolated Footing

SCALE 1" = 1'-0"



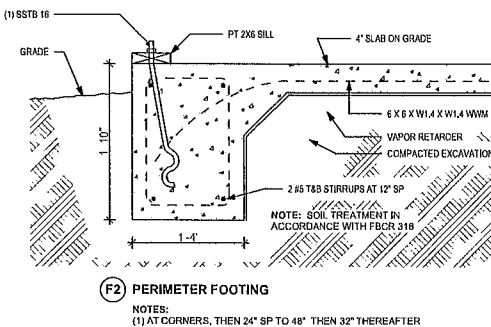
## F6 Interior Footing

SCALE 1" = 1'-0"



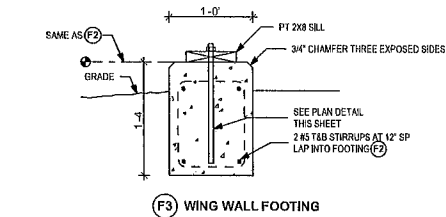
## F1 Walkway Turndown

SCALE 1" = 1'-0"



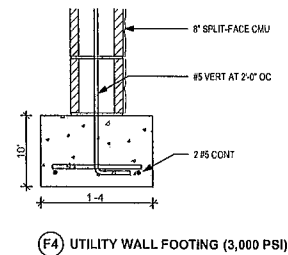
## F2 Perimeter Footing

SCALE 1" = 1'-0"



## F3 Wing Wall Footing

SCALE 1" = 1'-0"



## F4 Utility Wall Footing

SCALE 1" = 1'-0"

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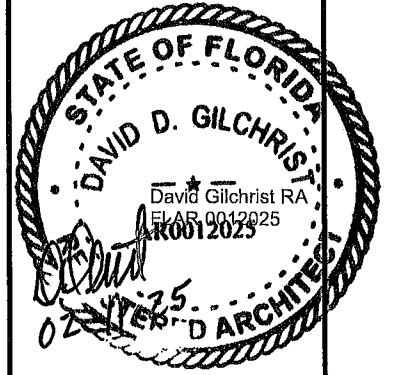
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SHEET TITLE

Footing Details and  
Partition Types

A.12

SHEET 7 OF 30

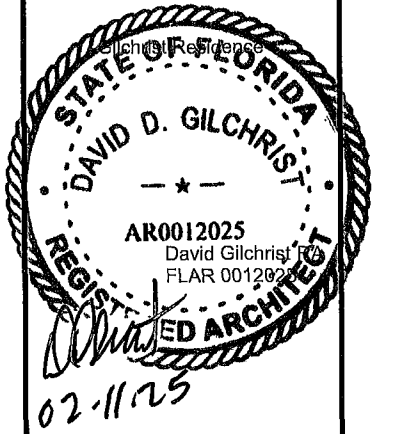
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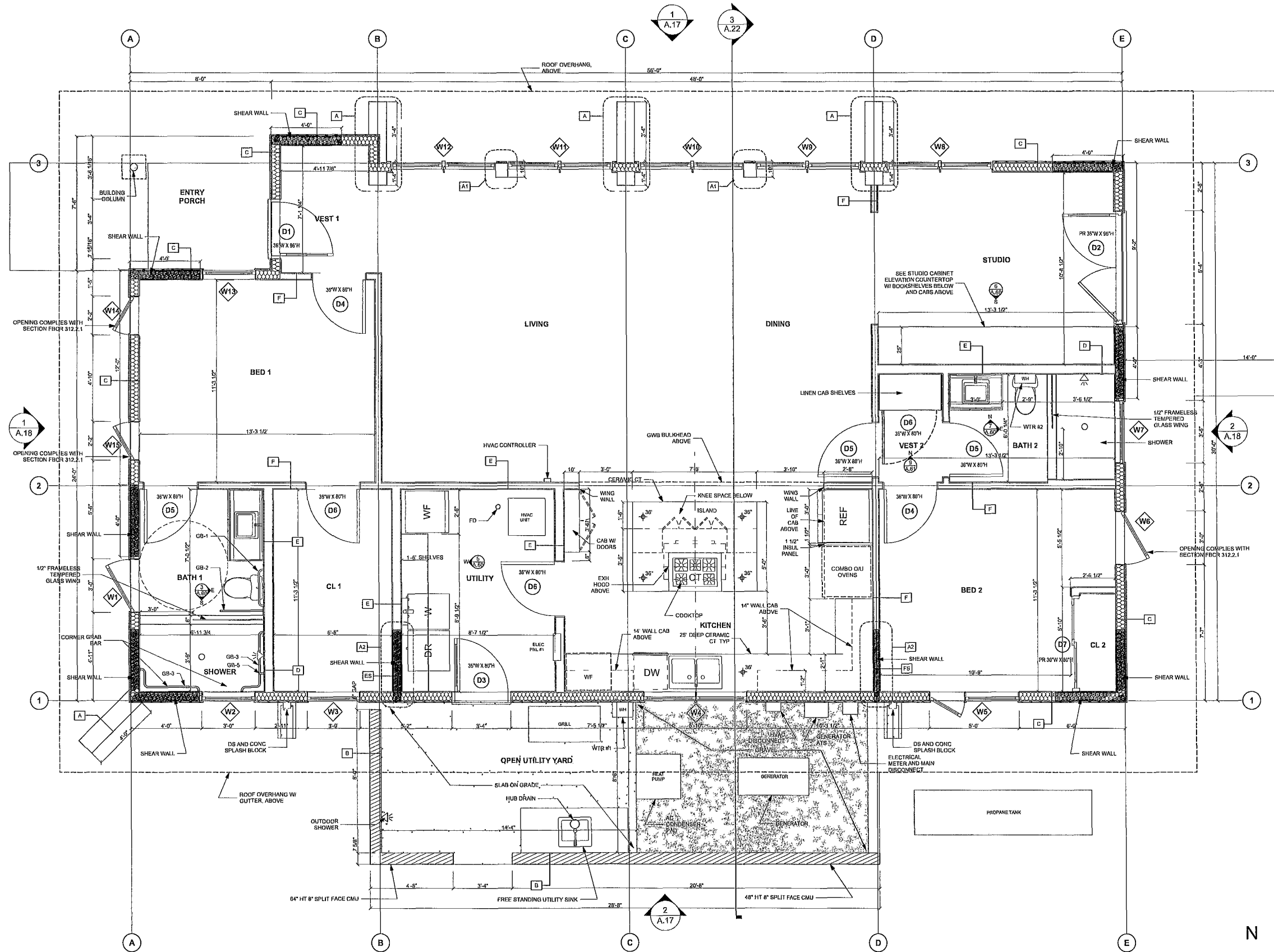
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SHEET TITLE

Floor Plan

A.13

SHEET 8 OF 30



First Floor Plan

SCALE 3/8" = 1'-0"



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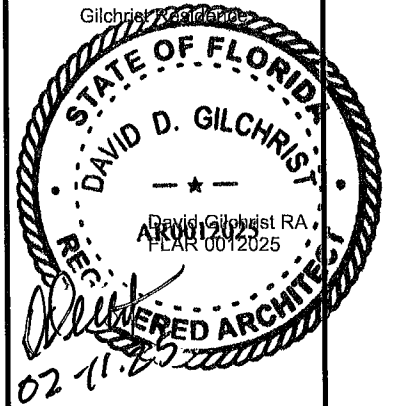
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SHEET TITLE

Roof Framing and  
Connections Schedule

A.14

SHEET 9 OF 30

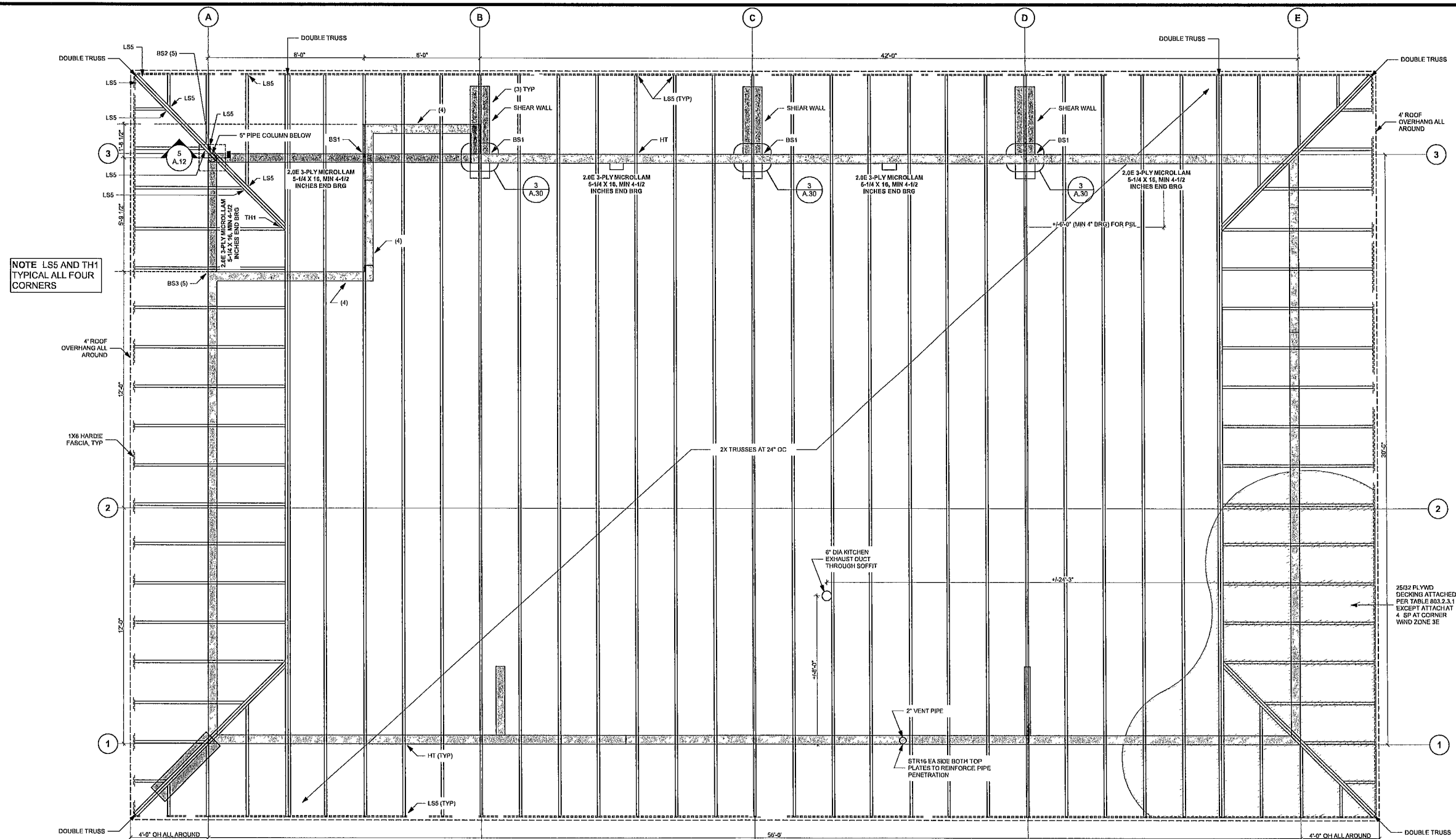


TABLE R803.2.3.1 ROOF SHEATHING ATTACHMENT<sup>a, b</sup>

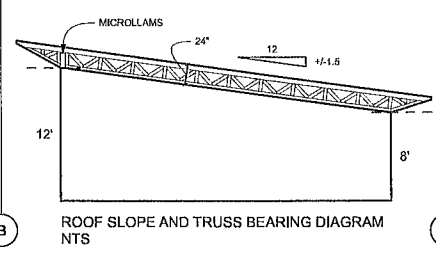
Rafter/Truss Spacing 24 in. o.c.	WIND SPEED											
	115 mph		120 mph		130 mph		140 mph		150 mph		160 mph	
	E	F	E	F	E	F	E	F	E	F	E	F
Exposure B												
Rafter/Truss SG = 0.42	6	6	6	6	6	6	6	6	4	4	4	4
Rafter/Truss SG = 0.49	6	12	6	12	6	6	6	6	6	6	6	6
Exposure C												
Rafter/Truss SG = 0.42	6	6	6	6	6	4	4	4	4	3	3	3
Rafter/Truss SG = 0.49	6	6	6	6	6	6	6	6	6	4	4	4
Exposure D												
Rafter/Truss SG = 0.42	6	6	6	6	4	4	4	4	4	3	3	3
Rafter/Truss SG = 0.49	6	6	6	6	6	6	4	4	4	4	4	4

E = Nail spacing along panel edges (inches)

F = Nail spacing along intermediate supports in the panel field (inches)

a. For sheathing located a minimum of 4 feet from the perimeter edge of the roof, including 4 feet on each side of ridges and hips, nail spacing is permitted to be 6 inches on center along panel edges and 6 inches on center along intermediate supports in the panel field.

b. Where rafter/truss spacing is less than 24 inches on center or for specific gravities (SG) other than those shown, roof sheathing fastening is permitted to be in accordance with the AWC WFCM or the AWC NDS provided nail spacing does not exceed 6 inches on center along panel edges and 12 inches on center along intermediate supports in the panel field.



FRAMING CONNECTOR SCHEDULE rev 12/29/24

MARK	DESCRIPTION	MODEL	GUAGE	BOLTS	UP/LIFT PSE	DOWN PSE	REMARKS (A)
HT	HURRICANE TIE	HTDA	18		1,015		ALL EXTERIOR TRUSSES, FIELD BENT AT BLOCKING
TSP	TOP SILL PLATES TO STUDS	SP2	18		1,010		ALL EXTERIOR STUDS
HB	STUD TO BOT SILL PLATE	HB	18		780		ALL EXTERIOR STUDS
SAB	SILL ANCHOR BOLT	SSTB16		5/8"	3,465		EMBEDDED WITH SLAB POUR (NOTE B)
HD	HOLDDOWN	HDUS-SDS2.5	14	5/8"	4,340		FOR SHEAR WALLS
BS1	BEAM SADDLE	CC08	7	5/8"	5,545	37,815	SHIM TO BEARING ELEV AS NECESSARY
BS2	BEAM SADDLE	EC0168	7	5/8"	5,545	37,815	W/OPTION NO STRAPS, INTERSECTING BEAMS @90 DEGREES (NOTE C)
BS3	BEAM SADDLE	EC0068	7	5/8"	5,545	37,815	STRAPS ROTATED TO BOLT TO 2X6 WALL TOP PLATES (3)
TH1	TRUSS HIP/JACK HANGER	MTNMQ.2-SDS3	12		905	1,413	
HGR1	FACE MT TRUSS HANGER	HTU26	16		1,075	2,035	ASSUMES 2 X 4 BOT CHORD BY TRUSS FABRICATOR
STR16	16" X 8" STRAP	PSPN5162	16				1,160 LB TENSION (NOTE 6)
NS	NAIL STOPPER	NS	14				NOTE (7)
LSS	REINFORCING ANGLE	LSSO	18		450		TOP CHORD, TYPICAL ALL FOUR ROOF CORNERS
HGR2	FACE MT TRUSS HANGER DOUBLE	HTU26-2	16		1,305	2,550	

(A) ALL CONNECTORS SHALL BE CONCEALED BY FINISH CONSTRUCTION

(B) FOLLOW INSTALLATION MANUAL FOR DIFFERING CORNER AND NON-CORNER INSTALLATIONS

(C) SUPPLIER TO VERIFY MODEL TO MEET CONDITION AS DETAILED

FRAMING NOTES

(1) RESERVED

(2) SIDE BY SIDE CONNECTION AT DOUBLE TRUSS BY TRUSS FABRICATOR

(3) WING WALLS PROVIDE LATERAL BRACING ONLY AND ARE NOT INTENDED AS VERTICAL BEARING FOR TRUSSES

CONNECT TO TRUSSES AND WITH BLOCKING TO UNDERSIDE OF DECK

(4) FRAME WALLS TO ROOF DECK, BLOCK TOP PLATES BETWEEN TRUSS MEMBERS, CARRY WALL SHEATHING TO UNDERSIDE OF DECK

(5) FIELD MEASURE AND TRIM PSL BEAM TO SEAT IN SADDLE, OR TRIM 2X TO SEAT BEAM

(6) INSTALL INTERIOR FACE OF EXT STUD WALL AT LOCATION OF PLUMBING VENT, BOTH TOP AND BOT PLATES

(7) MULTIPLE LOCATIONS AS REQUIRED TO PROTECT PIPES AND ELECTRICAL WIRING

N



0 2' 4' 6'

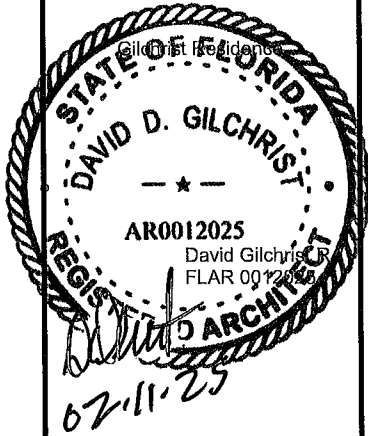
1 Framing Plan  
SCALE 3/8" = 1'-0"

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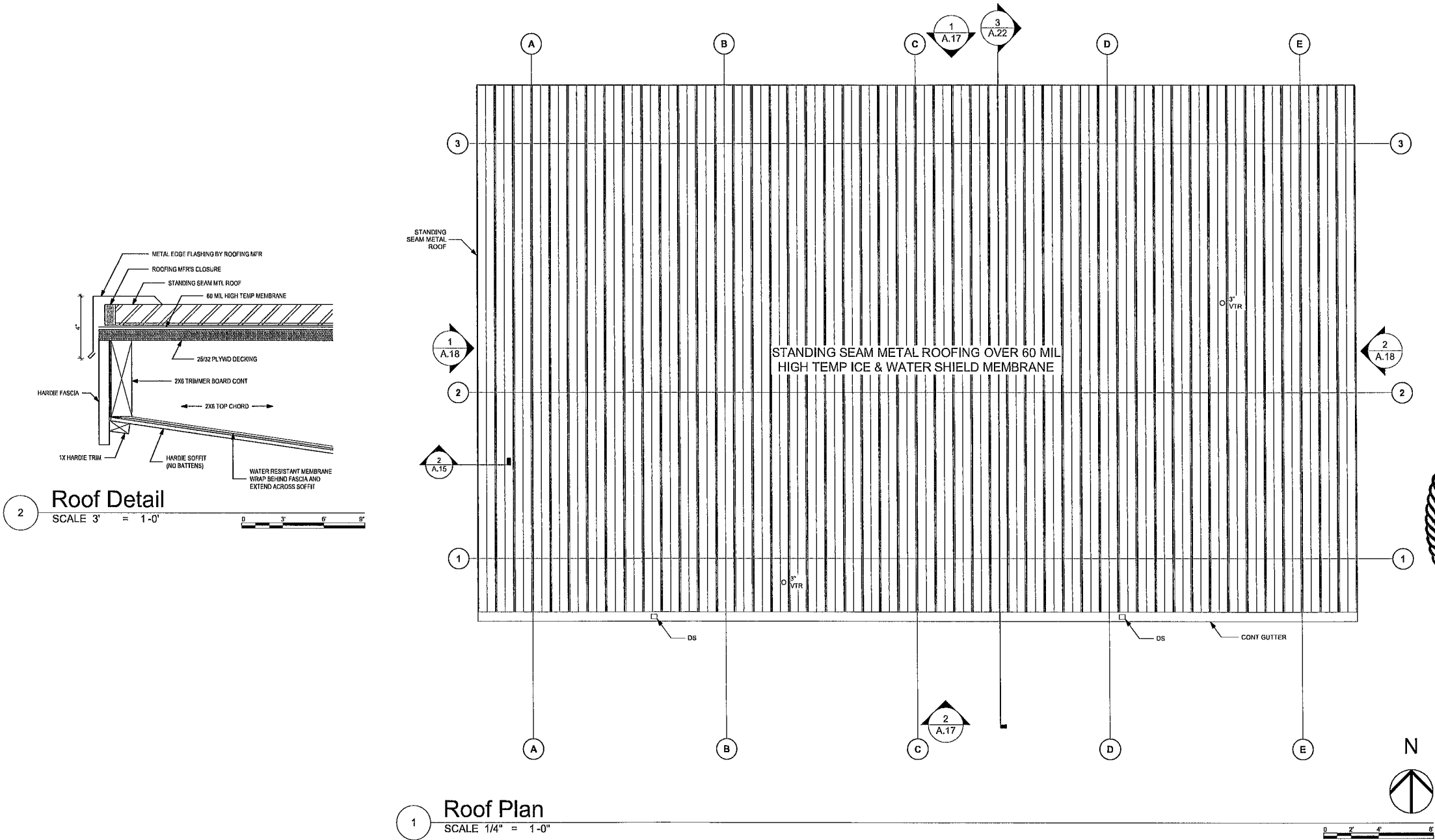
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Roof Plan

A.15

SHEET 10 OF 30

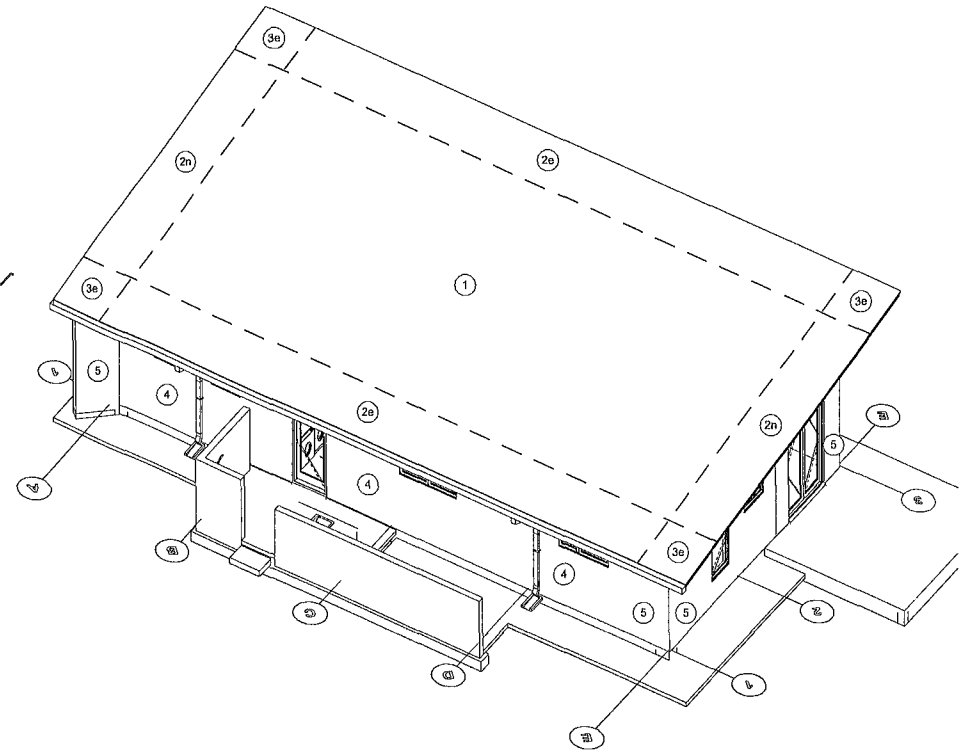


NOTE:  
1) VTR LOCATIONS ARE APPROXIMATE EXACT LOCATION TO BE DETERMINED BY PLUMBER

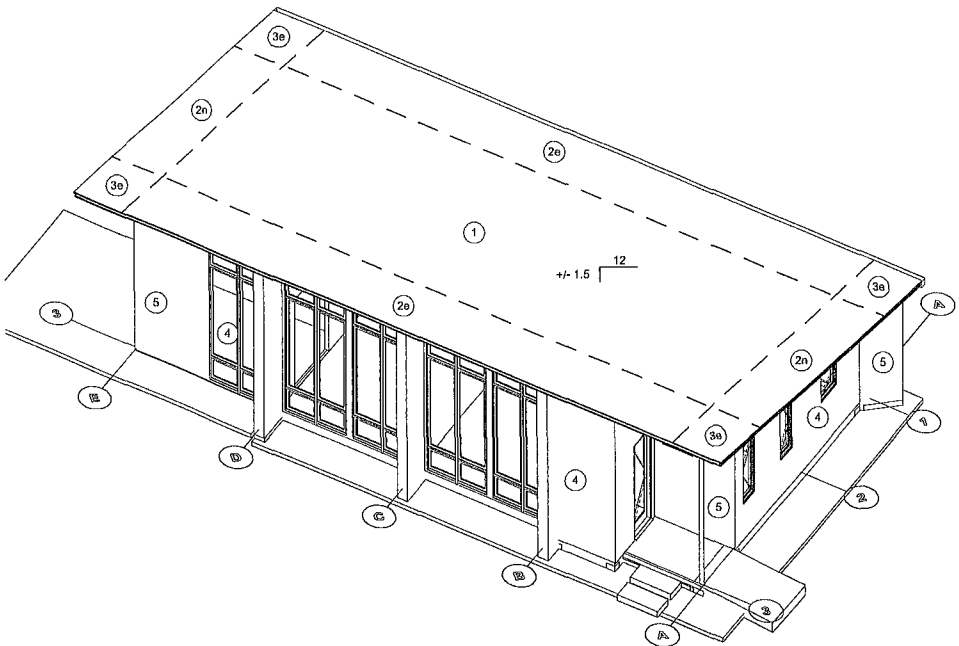
ASCE 7-10 Chapter 30: Wind Loads Components and Cladding (C&C) - Low Rise Building ≤ 60 feet												
Exposure =	B	Eave Height, he =	9.5	9.5	9.5	7.5	feet			z=30	$K_z = 2.01(z/Z_g)^{2/a}$	
Roof =	Gable	Ridge Height, hr =	17.5	18.75	14.75	15.5	feet				$K_z \text{ for C\&C} =$	0.701
V (mph) =	130	Roof Width =	44	26	28	22	feet	(normal to Building Ridge)			$q_z = 0.00256 K_z K_{zt} V^2$	
Kd =	0.85	Building Length =	20	58	6	46	feet				$q_z \text{ for C\&C} =$	25.8 psf
Kzt =	1	Building Width =	32	24	20	20	feet					
a =	7	Roof Angle, θ =	18.43	33.69	18.43	33.69	deg				$p = qh(GC_p - GC_{pi})$	
Zg =	1200	h =	13.5	14.125	12.125	11.5	feet	rigid structure			G =	0.85
Kzt =	0.701	a =	4				feet	enclosed			GCpi =	± 18

Component and Cladding Loads for a Building with a Mean Roof Height of 30 feet Located in Exposure B (ASD) (psf), Vult = 130mph											
Effective Wind Area (ft2)											
		Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg		
		10		20		50		100			
Roof >7 to 20 degrees	1, 2e	13.6	33.7	11.7	33.7	10	20.6	10	10.5		
	2n, 2r, 3e	13.6	-49.2	11.7	-42.4	10	33.5	10	26.7		
	3r	13.6	58.4	11.7	50.1	10	39	10	30.6		
Roof >27 to 45 degrees	1, 2e, 2r	16.7	30.6	14.8	26	12.4	19.8	10.5	15.1		
	2n, 3r	16.7	33.7	14.8	30.1	12.4	25.4	10.5	21.8		
	3e	16.7	-41.4	14.8	36.8	12.4	30.6	10.5	26		
Walls	4	18.2	19.8	17.4	19	16.3	17.9	15.5	-17.1		
	5	18.2	24.4	17.4	22.8	16.3	20.6	15.5	19		

NOTES  
30.2.2 Minimum Design Pressures are 16 psf (Ultimate) and 10 psf (Service)  
30.2.3 Tributary Areas greater than 700 ft2 shall be permitted to be designed using the provisions for MWFRS Table 30.3.1.1 z shall not be taken less than 30



WL01 SE Windload Diagram  
SCALE: 1/8" = 1'-0"



WL02 NW Windload Diagram  
SCALE: 1/8" = 1'-0"

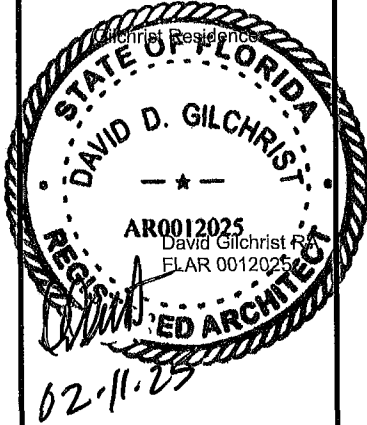
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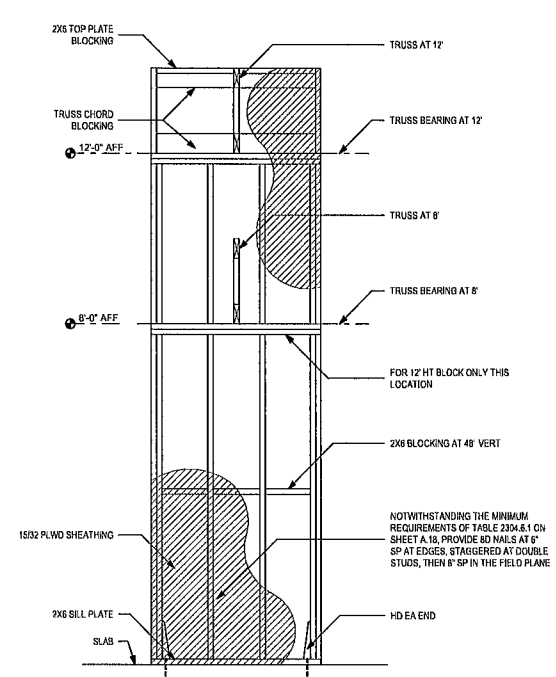
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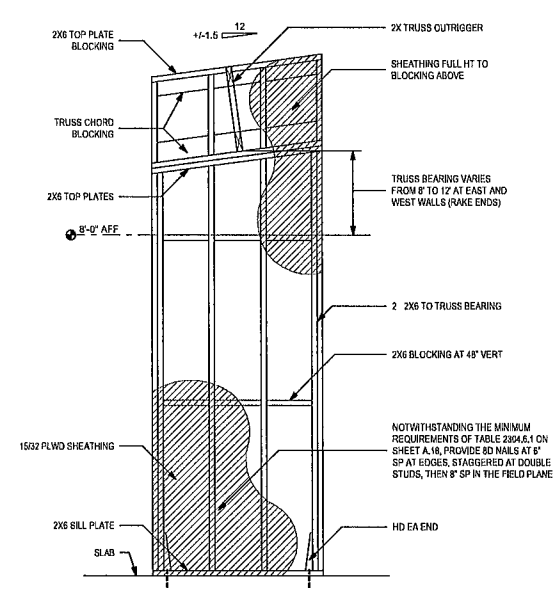
Wind Load Diagrams

A.16

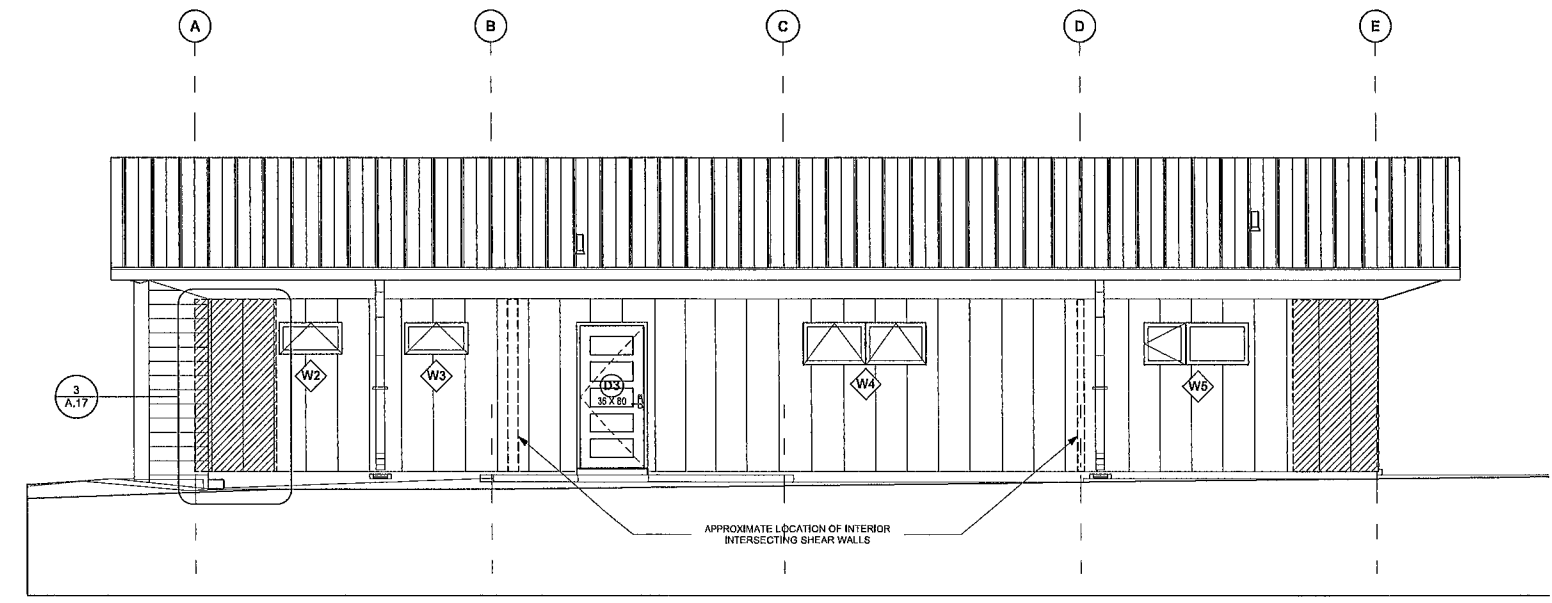
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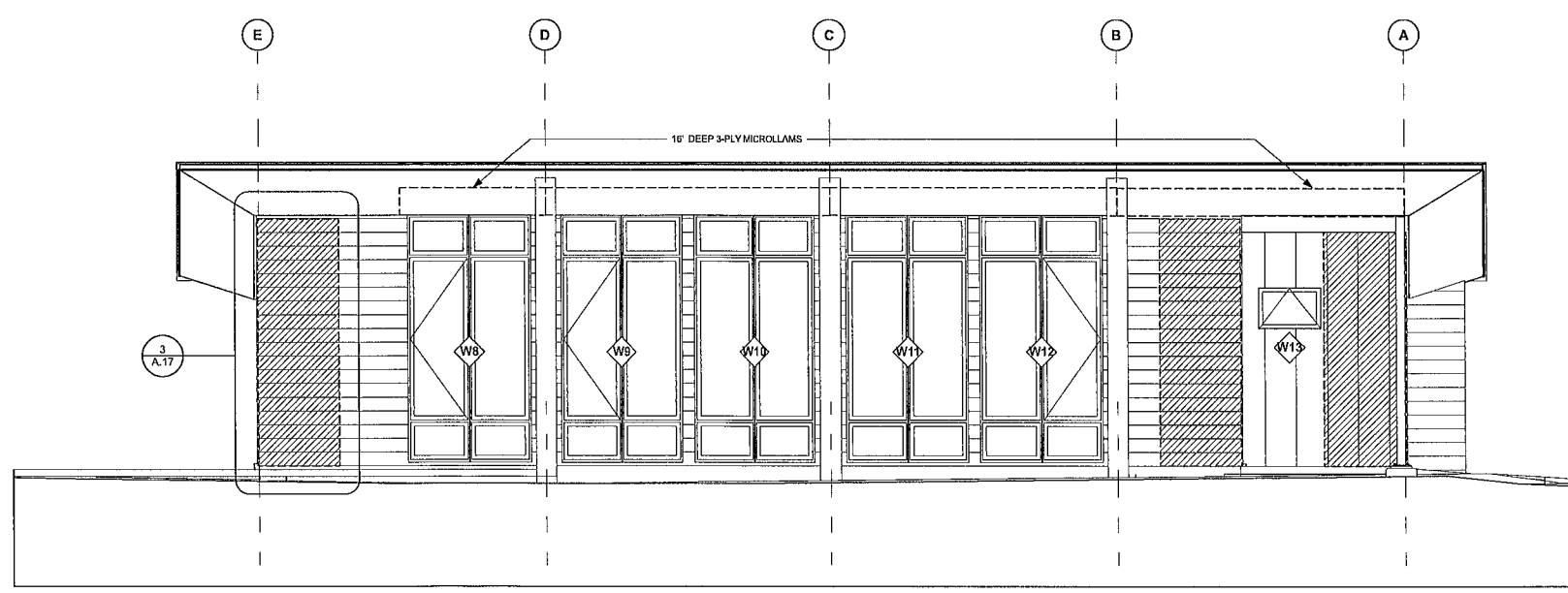
3 Shear Wall Diagram at 8' and 12' Bearing  
SCALE 1/2" = 1'-0"  
(TYPICAL FOR 5 LOCATIONS)



4 Shear Wall Diagram at Rake Ends  
SCALE 1/2" = 1'-0"  
(TYPICAL FOR 4 LOCATIONS)



2 Shear Wall Elevation - South  
SCALE 1/4" = 1'-0"



1 Shear Wall Elevation - North  
SCALE 1/4" = 1'-0"

NOTE: SHEAR WALLS INDICATED BY PATTERN EXTENSION TO DECK NOT SHOWN FOR CLARITY

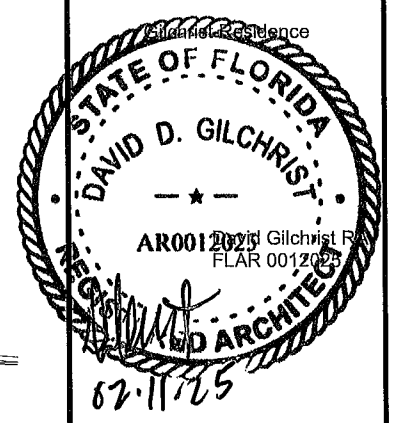
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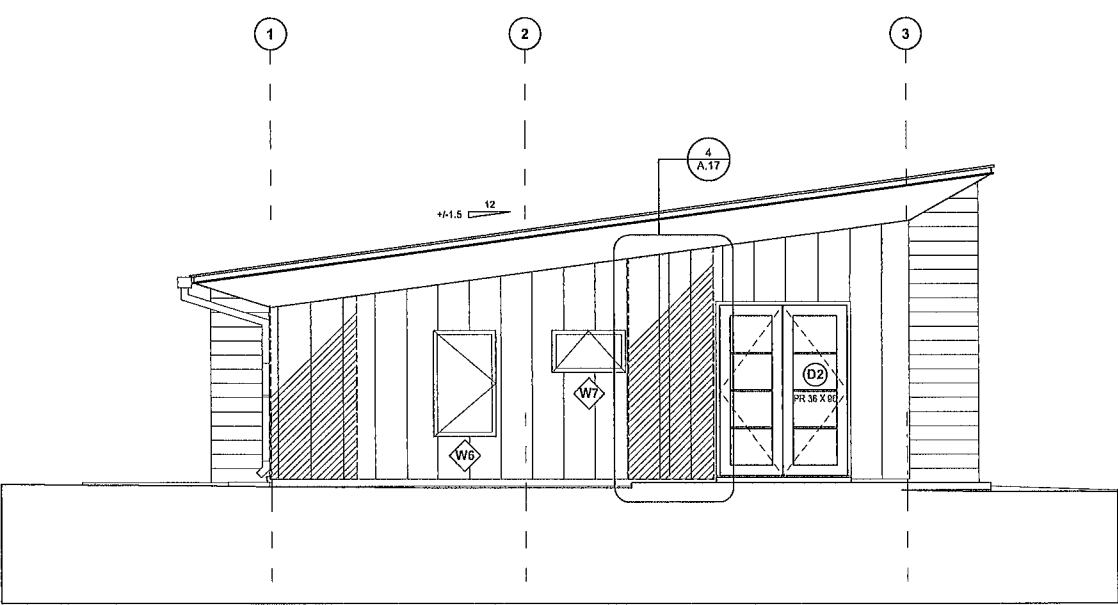
Shear Wall Elevations

A.17

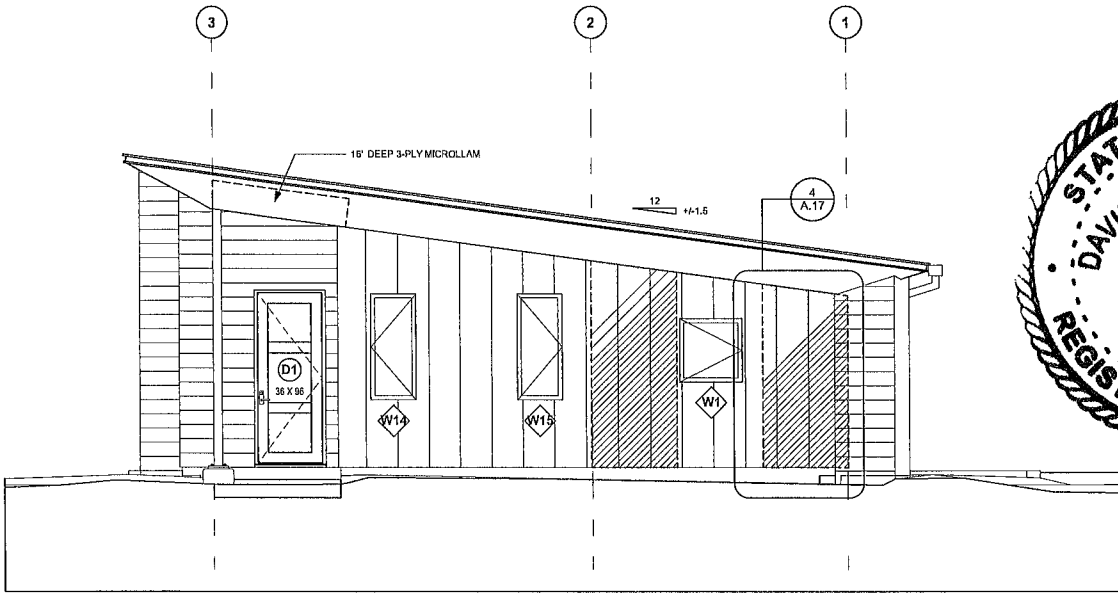
SHEET 12 OF 30

TABLE 2304.6.1 MAXIMUM NOMINAL DESIGN WIND SPEED, $V_{max}$ , PERMITTED FOR WOOD STRUCTURAL PANEL WALL SHEATHING USED TO RESIST WIND PRESSURES <sup>a, b, c</sup>									
MINIMUM NAIL		MINIMUM WOOD STRUCTURAL PANEL SPAN RATING	MINIMUM NOMINAL PANEL THICKNESS (inches)	MAXIMUM WALL STUD SPACING (inches)	PANEL NAIL SPACING		MAXIMUM NOMINAL DESIGN WIND SPEED, $V_{max}$ , <sup>d</sup> (MPH)		
Size	Penetration (inches)				Edges (inches o.c.)	Field (inches o.c.)	Wind exposure category		
							B	C	D
6d common (2'-0" x 0-143")	4-5	24/0	3/8	16	6	12	140	90	85
		24/16	7/16	16	6	12	140	100	90
					6	150	125	110	
8d common (2'-5" x 0-131")	1-75	24/0	3/8	16	6	12	130	110	105
		24/16	7/16	16	6	12	140	90	85
				24	6	12	140	90	85

For SI 1 inch = 25.4 mm, 1 mile per hour = 0.447 m/s.  
1 a. Panel strength axis shall be parallel or perpendicular to supports. Three-ply plywood sheathing with studs spaced more than 16 inches on center shall be applied with panel strength axis perpendicular to supports.  
2 b. The table is based on wind pressures acting toward and away from building surfaces in accordance with Section 30.7 of ASCE 7. Lateral requirements shall be in accordance with Section 2305 or Section 2301.2.  
3 c. Wood structural panels with span ratings of wall 16 or wall-24 shall be permitted as an alternative to panels with a 24/0 span rating. Plywood siding rated 16 on center or 24 on center shall be permitted as an alternative to panels with a 24/16 span rating. Wall-16 and plywood siding 16 on center shall be used with studs spaced a maximum of 16 inches on center.  
4 d.  $V_{max}$  shall be determined in accordance with Section 1609.3.1.



2 Shear Wall Elevation - East  
SCALE 1/4" = 1'-0"



1 Shear Wall Elevation - West  
SCALE 1/4" = 1'-0"

NOTE: SHEAR WALLS INDICATED BY PATTERN. EXTENSION TO DECK NOT SHOWN FOR CLARITY

Hilda & David Gilchrist

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285 RIVERSIDE AVE  
285 RIVERSIDE AVE, FT WHITE  
FL 32038  
Gilchrist Residence  
David Gilchrist RA  
FLA 0012025  
02.11.25

STATE OF FLORIDA  
DAVID D. GILCHRIST  
REGISTERED ARCHITECT  
AR0012025

PHASE:	BY:	DATE:
CONSTRUCTION DOCUMENTS		
CON DOCS 100% COMPLETE	AK	DG 2-11-25
PERMIT DOCUMENTS	AK	DG 2-11-25
REVISION 1		
REVISION 2		
REVISION 3		
REVISION 4		
REVISION 5		
REVISION 6		
REVISION 7		
REVISION 8		
REVISION 9		
REVISION 10		

SHEET TITLE  
Shear Wall Elevations

A.18  
SHEET 13 OF 30

C:\Users\jgarcia\Documents\2025\25-19

18 Top plates, laps at corners and intersections	2-16d common (3 1/2" x 0 162"); or 3-10d box (3" x 0 128") or 3-3 x 0.131 nails or 3-3" 14 gage staples 7/16" crown	Face nail
19. 1" brace to each stud and plate	3-8d box (2 1/2" x 0 113"); or 2-8d common (2 1/2" x 0 131"); or 2-10d box (3" x 0 128") or 2-3" x 0.131" nails or 2-3" 14 gage staples, 7/16" crown	Face nail
20 1" x 6" sheathing to each bearing	3-8d box (2 1/2" x 0 113"); or 2-8d common (2 1/2" x 0 131") or 2-10d box (3 x 0.128") or 2-1 3/4" 16 gage staples, 1 crown	Face nail
21 1" x 8" and wider sheathing to each bearing	3-8d common (2 1/2" x 0 131"); or 3-8d box (2 1/2" x 0 113") or 2-10d box (3" x 0.128"), or 3-1 3/4" 16 gage staples 1 crown	Face nail
	3-8d common (2 1/2" x 0 131"); or 4-8d box (2 1/2" x 0.113") or 3-10d box (3 x 0.128") or 3-1 3/4" 16 gage staples, 1" crown	Face nail
	Wider than 1 x 8 3-8d common (2 1/2" x 0 131") or 4-8d box (2 1/2" x 0 113") or 3 10d box (3" x 0 128") or 4-1 3/4" 16 gage staples, 1 crown	Face nail

Wood structural panels (WSP), subfloor roof and interior wall sheathing to framing and particleboard wall sheathing to framing<sup>a</sup>

	Edges(inches)	Intermediate supports(inches)
	6d common-or-deformed (2" x 0.113"); or 2 3/8" x 0.113" (subfloor-and-wall)	42
31. 3/8" — 1/2"	8d common-or-deformed (2 1/2" x 0.131" x 0.281" head) (roof); or RRS-01 (2 3/8" x 0.113") nail (roof) <sup>d</sup>	6"
	4 3/4" 16 gage staple, 7/16" crown (subfloor-and-wall)	8
	2 3/8" x 0.113" x 0.266" head nail (roof)	3'
	4 3/4" 16 gage staple, 7/16" crown (roof)	3'
	8d common (2 1/2" x 0.131") or deformed (2" x 0.113") (subfloor and wall)	6
32. 19/32" — 3/4"	8d common or deformed (2 1/2" x 0 131 x 0.281" head) (roof) or RRS-01 (2 3/8" x 0.113") nail (roof) <sup>d</sup>	6"
	2 3/8" x 0 113" x 0.266" head nail or 2" 16 gage staple 7/16" crown	4
33. 7/8" — 1 1/4"	10d common (3 x 0.148"), or deformed (2 1/2" x 0.131" x 0.281" head)	6
	Other exterior wall sheathing	
34. 3/8" fiberboard sheathing <sup>b</sup>	4 1/2" x 0.120" galvanized roofing nail (7/16" head diameter); or 4 1/2" 16 gage staple with 7/16" or 1" crown	3
35. 25/32" fiberboard sheathing <sup>b</sup>	4 3/4" x 0.120" galvanized roofing nail (7/16" diameter head); or 4 1/2" 16 gage staple with 7/16" or 1" crown	3
	Wood structural panels, combination subfloor underlayment to framing	
36. 3/4" and less	8d common (2 1/2" x 0.131"), or deformed (2" x 0.113"); or deformed 2" x 0.120"	6
37. 7/8" — 1"	8d common (2 1/2" x 0.131"), or deformed (2 1/2" x 0.131"); or deformed 2 1/2" x 0.120"	6
38. 1 1/8" — 1 1/4"	10d common (3 x 0.148"); or deformed (2 1/2" x 0.131"); or deformed 2 1/2" x 0.120"	6
	Panel siding to framing	
39. 1/2" or less	6d corrosion-resistant siding (1 7/8" x 0 106") or 6d corrosion-resistant casing (2" x 0 099")	6
40. 5/8"	8d corrosion-resistant siding (2 3/8" x 0 128") or 8d corrosion-resistant casing (2 1/2" x 0.113")	6

For SI 1 inch = 25.4 mm

- 1 a Nails spaced at 6 inches at intermediate supports where spans are 48 inches or more. For nailing of wood structural panel and particleboard diaphragms and shear walls refer to Section 2305 Nails for wall sheathing are permitted to be common box or casing
- 2 b Spacing shall be 6 inches on center on the edges and 12 inches on center at intermediate supports for nonstructural applications Panel supports at 16 inches (20 inches if strength axis in the long direction of the panel, unless otherwise marked)
- 3 c Where a rafter is fastened to an adjacent parallel ceiling joist in accordance with this schedule and the ceiling joist is fastened to the top plate in accordance with this schedule, the number of toenails in the rafter shall be permitted to be reduced by one nail.
- 4 d RRS-01 is a Roof Sheathing Ring Shank nail meeting the specifications in ASTM F1867
- 5 e Tabulated fastener requirements apply where the ultimate design wind speed is less than 140 mph For wood structural panel roof sheathing attached to gable end roof framing and to intermediate supports within 48 inches of roof edges and ridges nails shall be spaced at 4 inches on center where the ultimate design wind speed is greater than 130 mph in Exposure B or greater than 110 mph in Exposure C. Spacing exceeding 6 inches on center at intermediate supports shall be permitted where the fastening is designed per the AWC NDS.
- 6 f Fastening is only permitted where the ultimate design wind speed is less than or equal to 110 mph.
- 7 g Nails and staples are carbon steel meeting the specifications of ASTM F1667 Connections using nails and staples of other materials such as stainless steel, shall be designed by acceptable engineering practice or approved under Section 104 11

DESCRIPTION OF BUILDING ELEMENTS	NUMBER AND TYPE OF FASTENER	SPACING AND LOCATION
	Roof	
1 Blocking between ceiling joists, rafters or trusses to top plate or other framing below	4-8d box (2 1/2" x 0.113"); or 3-8d common (2 1/2" x 0 131") or 3-10d box (3" x 0 128") or 3-3 x 0 131" nails, or 3-3" 14 gage staples, 7/16" crown	Each end, toenail
Blocking between rafters or truss not at the wall top plate, to rafter or truss	2-8d common (2 1/2" x 0 131") 2-3" x 0 131" nails 2-3" 14 gage staples	Each end, toenail
Flat blocking to truss and web filler	2-16d common (3 1/2" x 0 162") 3-3" x 0.131 nails 3-3" 14 gage staples	End nail
2 Ceiling joists to top plate	16d common (3 1/2" x 0.162") @ 6" o.c. 3" x 14 gage staples @ 6" o.c	Face nail
3 Ceiling joist not attached to parallel rafter, lap over partitions (no thrust) (see Section 2304.2)	4-8d box (2 1/2" x 0.113"); or 3-8d common (2 1/2" x 0.131"); or 3-10d box (3" x 0.128"); or 3-3" x 0.131" nails; or 3-3" 14 gage staples, 7/16" crown	Each joist, toenail
4 Ceiling joist attached to parallel rafter (heel joint) (see Section 2304.2)	3-16d common (3 1/2" x 0.162"); or 4-10d box (3" x 0.128"); or 4-3 x 0.131 nails, or 4-3" 14 gage staples, 7/16" crown	Face nail
5 Collar tie to rafter	3-10d common (3" x 0.148"); or 4-10d box (3 x 0.128"); or 4-3" x 0.131" nails; or 4-3" 14 gage staples, 7/16" crown	Face nail
6 Rafter or roof truss to top plate (See Section 2301.2)	3-10 common (3 x 0.148") or 3-16d box (3 1/2" x 0 135") or 4-10d box (3" x 0 128") or 4-3" x 0.131 nails, or 4-3" 14 gage staples, 7/16" crown	2 toenails on one side and 1 toenail opposite side of rafter or truss <sup>c</sup>
7 Roof rafters to ridge valley or hip rafters; or roof rafter to 2-inch ridge beam	2-16d common (3 1/2" x 0.162"); or 3-16d box (3 1/2" x 0.135"); or 3-10d box (3 x 0.128"); or 3-3" x 0.131" nails; or 3-3" 14 gage staples, 7/16" crown, or 3-10d common (3" x 0.148"); or 4-16d box (3 1/2" x 0.135"); or 4-10d box (3" x 0.128"); or 4-3 x 0.131" nails; or 4-3" 14 gage staples, 7/16" crown	End nail
	Wall	
8 Stud to stud (not at braced wall panels)	16d common (3 1/2" x 0 162 )	24" o.c. face nail
	10d box (3" x 0.128") or 3" x 0 131" nails or 3-3" 14 gage staples 7/16" crown	16 o.c. face nail
9 Stud to stud and abutting studs at intersecting wall corners (at braced wall panels)	16d common (3 1/2" x 0.162")	16" o.c. face nail
	16d box (3 1/2" x 0.135") or 3" x 0 131" nails, or 3-3" 14 gage staples, 7/16" crown	12" o.c. face nail
10 Built-up header (2 to 2' header)	16d common (3 1/2" x 0 162")	16 o.c. each edge face nail
	16d box (3 1/2" x 0 135")	12 o.c. each edge face nail
11 Continuous header to stud	4-8d common (2 1/2" x 0 131"); or 4-10d box (3" x 0.128") or 5-8d box (2 1/2" x 0.113")	Toenail
	16d common (3 1/2" x 0 162")	16 o.c. face nail
12 Top plate to top plate	10d box (3" x 0 128"); 3" x 0.131 nails, or 3" 14 gage staples 7/16" crown	12" o.c. face nail
13 Top plate to top plate at end joints	8-16d common (3 1/2" x 0 162") or 12-16d box (3 1/2" x 0 135") or 12-10d box (3" x 0.128") or 12-3" x 0.131 nails, or 12-3" 14 gage staples 7/16" crown	Each side of end joint, face nail (minimum 24 lap splice length each side of end joint)
14 Bottom plate to joist, rim joist, band joist or blocking (not at braced wall panels)	4-6d common (3 1/2" x 0.162")	4-6 o.c. face nail
	4-6d box (3 1/2" x 0.135"); 3" x 0.131" nails, or 3-14 gage staples, 7/16" crown	42 o.c. face nail
15 Bottom plate to joist, rim joist, band joist or blocking at braced wall panels	2-4-6d common (3 1/2" x 0.162"); or 3-16d box (3 1/2" x 0.135"); or 4-3" x 0.131" nails; or 4-3" 14 gage staples, 7/16" crown	4-6 o.c. face nail
	3-16d box (3 1/2" x 0.135") or 4-8d common (2 1/2" x 0 131"); or 4-10d box (3" x 0 128"), or 4-3 x 0.131 nails or 4-8d box (2 1/2" x 0 113") or 4-3" 14 gage staples 7/16" crown	Toenail
16 Stud to top or bottom plate	2-16d common (3 1/2" x 0.162"); or 3-16d box (3 1/2" x 0 135") or 3-10d box (3" x 0 128") or 3-3" x 0 131" nails or 3-3" 14 gage staples 7/16" crown	End nail
17 Reserved		

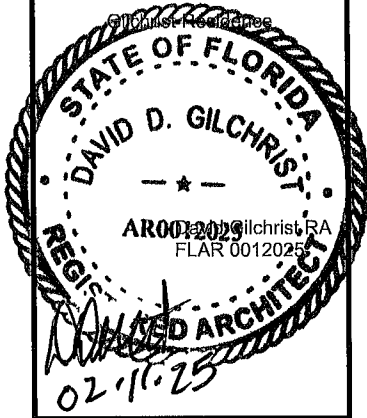
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SHEET TITLE

Fastening Schedule

A.19

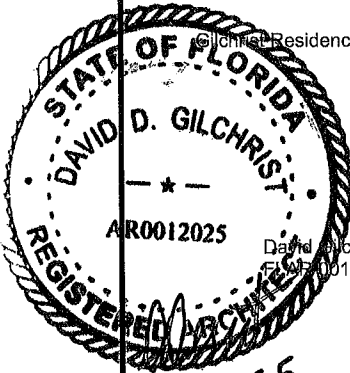
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FL 32038



David Gilchrist RA  
FL 0012025

02.11.25

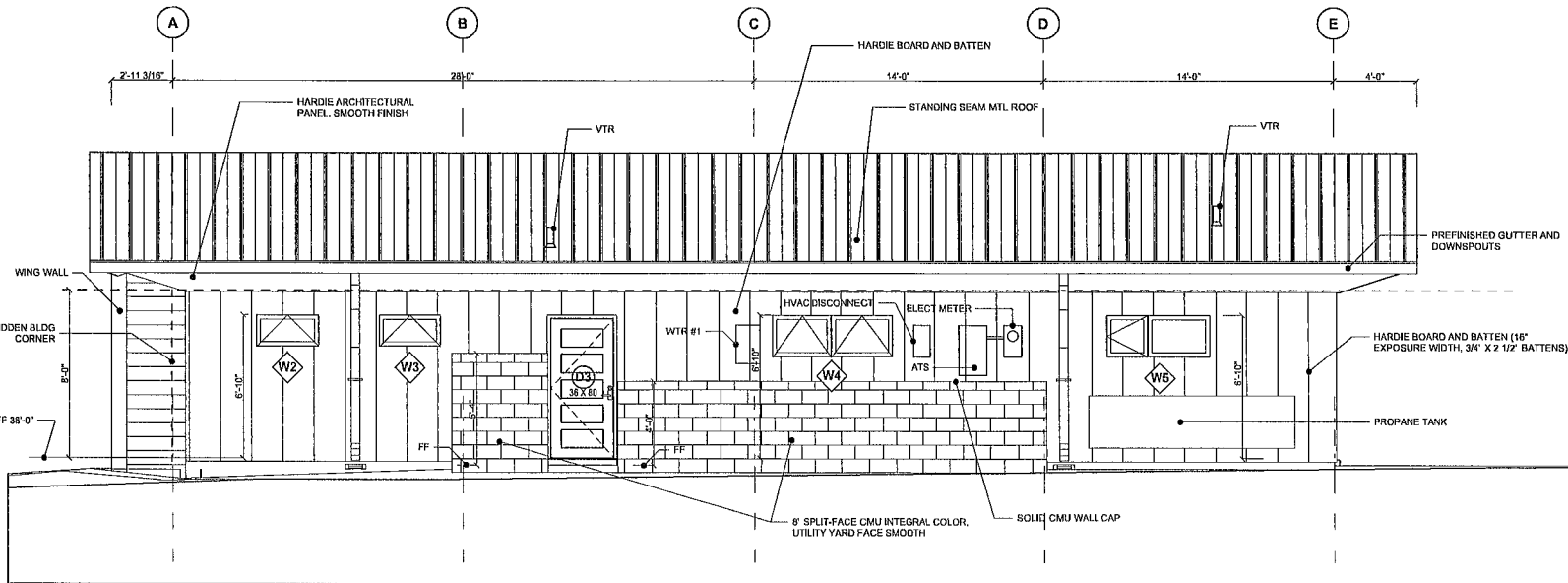
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SHEET TITLE

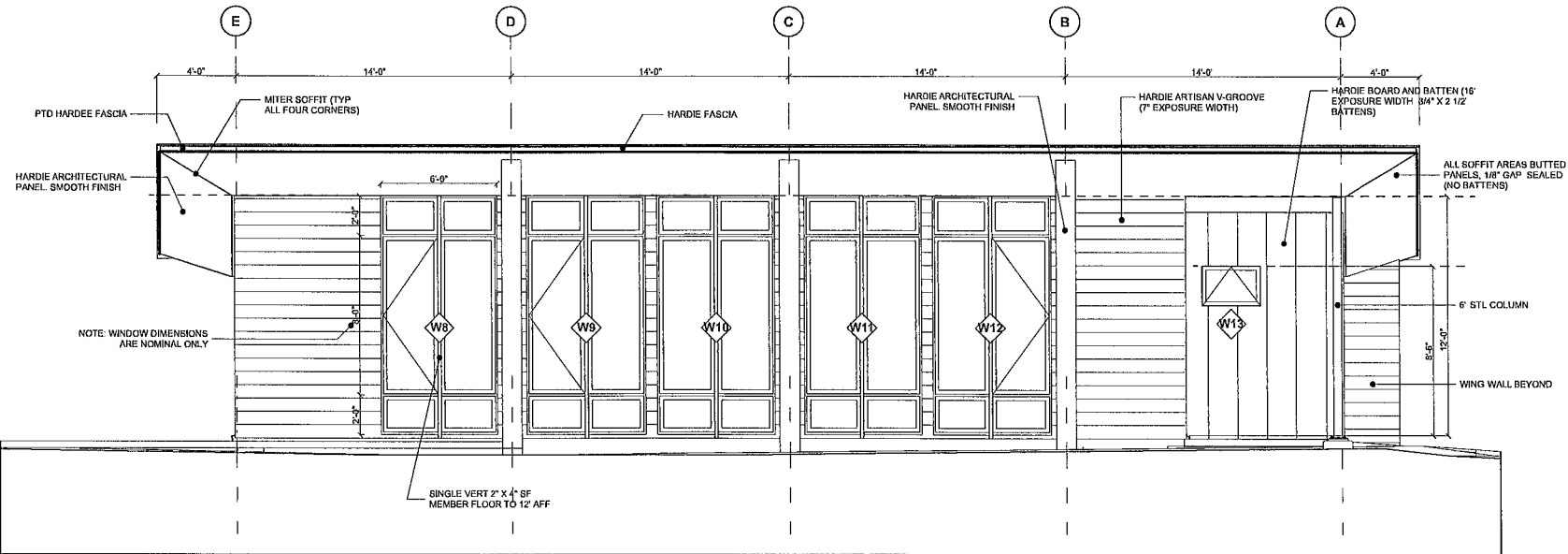
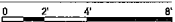
Exterior Elevations

A.21

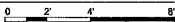
SHEET 15 OF 30



2 South Elevation  
SCALE: 1/4" = 1'-0"



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



NOTE WINDOW OPNG DIMENSIONS ARE NOMINAL

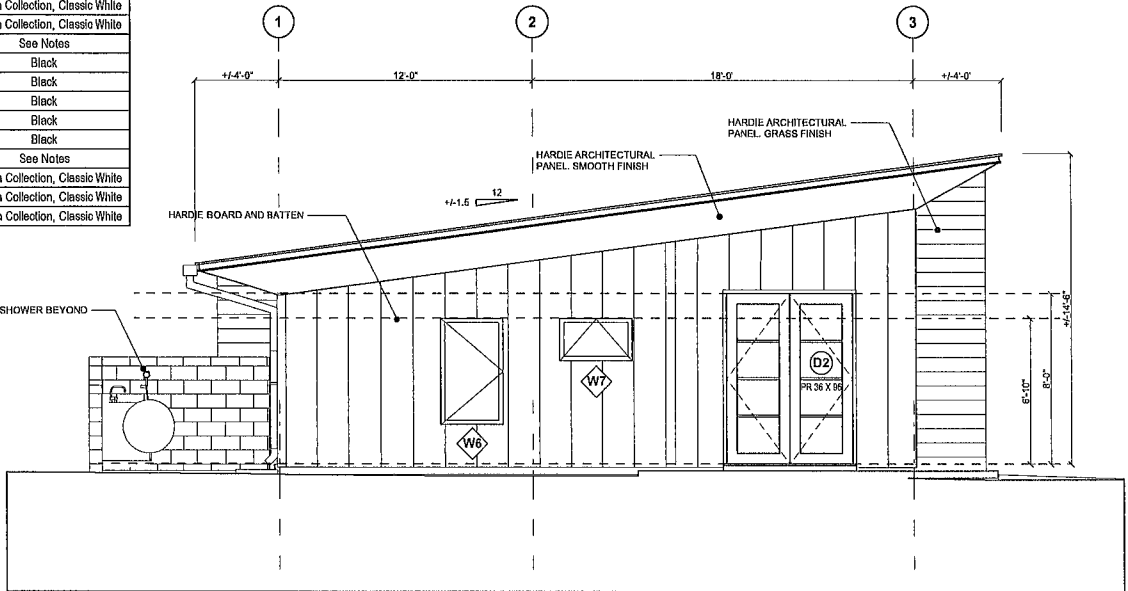
WINDOW AND EXTERIOR DOOR SCHEDULE rev 01-31-25

ELEV	PELLA	LOCATION	ROUGH OPENING	NOMINAL SIZE	PELLA MODEL	DESCRIPTION	BLINDS			COLORS		HARDWARE
							GLASS	TREATMENT	COLOR	EXTERIOR	INTERIOR	
W1	10	Bath 1	35 1/2" X 35 1/2"	3' X 3'	Lifestyle	Casement Right w/ HGP	(1)	Y	White	Satin Steel PR995	Classic White PR7836	Modern Collection, Classic White
W2	15	Bath 1 Shower	35 1/2" X 17 1/2"	3' X 1 6"	Impervia	Awning, Vent, Fiberglass, Obscure Glass	(2)	Full Screen	White	Satin Steel PR995	Classic White PR7836	Modern Collection, Classic White
W3	20	CL 1	35 1/2" X 17 1/2"	3' X 1 6"	Lifestyle	Awning, Vent w/ HGP	(3)	Full Screen	White	Satin Steel PR995	Classic White PR7836	Modern Collection, Classic White
D3	25	Utility	38 3/8" X 82"	3' 2" X 6' 10"	Reserve Contemporary	Inswinging Left Hand, 3 Lite	(4)	N		Satin Steel PR995	Matte Black	See Notes
W4	30	Kitchen	70 1/2" X 23 1/2"	5' 10" X 2' 0"	Lifestyle	2-Wide Casement w/ HGP	(1)	Y	White	Satin Steel PR995	Classic White PR7836	Modern Collection, Classic White
W5	35	Bed 2	60 1/2" X 25 1/2"	5' X 2' 1"	Lifestyle	Casement Left, Sash Set w/ HGP	(3)	Y	White	Satin Steel PR995	Classic White PR7836	Modern Collection, Classic White
W6	45	Bed 2	35 1/2" X 59 1/2"	3' X 5'	Lifestyle	Casement Right w/ HGP Egress	(1)	Y	White	Satin Steel PR995	Classic White PR7836	Modern Collection, Classic White
W7	50	Bath 2 Shower	42" X 24"	3' 6" X 2'	Impervia	Awning, Vent, Fiberglass, Obscure Glass	(2)	Full Screen	White	Satin Steel PR995	Classic White PR7836	Modern Collection, Classic White
D2	55	Studio	75 1/2" X 96"	PR 3' 2" X 8'	Reserve Contemporary	Inswinging Active Right Hand/Inactive Left Hand	(4)	N		Satin Steel PR995	Matte Black	See Notes
W8	61	Studio	71 1/4" X 142 3/4"	6' X 12'	Reserve Contemporary	2-Wide Sash Set, Casement-Sash Set, 2-Wide Sash Set	(5)	N		Satin Steel PR995	Black	Black
W9	62	Dining	71 1/4" X 142 3/4"	6' X 12'	Reserve Contemporary	2-Wide Sash Set, Casement-Sash Set, 2-Wide Sash Set	(5)	N		Satin Steel PR995	Black	Black
W10	63	Dining	71 1/4" X 142 3/4"	6' X 12'	Reserve Contemporary	2-Wide Sash Set, 2-Wide Sash Set, 2-Wide Sash Set	(5)	N		Satin Steel PR995	Black	Black
W11	64	Living	71 1/4" X 142 3/4"	6' X 12'	Reserve Contemporary	2-Wide Sash Set, 2-Wide Sash Set, 2-Wide Sash Set	(5)	N		Satin Steel PR995	Black	Black
W12	65	Living	71 1/4" X 142 3/4"	6' X 12'	Reserve Contemporary	2-Wide Sash Set, Casement-Sash Set, 2-Wide Sash Set	(5)	N		Satin Steel PR995	Black	Black
D1	67	Vest 1	38 3/8" X 96"	3' 2" X 8'	Reserve Contemporary	Inswinging Right Hand, Obscure Glass, 5 Lite	(4)	N		Satin Steel PR995	Matte Black	See Notes
W13	70	Bed 1	35 1/2" X 23 1/2"	3' X 2'	Lifestyle	Awning, Vent w/ HGP	(3)	Full Screen	White	Satin Steel PR995	Classic White PR7836	Modern Collection, Classic White
W14	75	Bed 1	25 1/2" X 59 1/2"	2' 2" X 5'	Lifestyle	Casement Right w/ HGP	(1)	Y	White	Satin Steel PR995	Classic White PR7836	Modern Collection, Classic White
W15	80	Bed 1	25 1/2" X 59 1/2"	2' 2" X 5'	Lifestyle	Casement Left w/ HGP	(1)	Y	White	Satin Steel PR995	Classic White PR7836	Modern Collection, Classic White

- (1) Glass: Insulated Dual Tempered Low-E SunDefense, Argon, U Factor 0.24, SHGC 0.20, VLT 0.45, Performance Class CW PG 50  
(2) Glass: Insulated Dual Tempered Low-E SunDefense, Argon, U Factor 0.28, SHGC 0.20, VLT 0.45, Performance Class CW PG 50  
(3) Glass: Insulated Dual Tempered Low-E SunDefense, Argon, U Factor 0.23, SHGC 0.17, VLT 0.39, Performance Class CW PG 50  
(4) Glass: Insulated Dual Tempered Low-E SunDefense, Argon, U Factor 0.27, SHGC 0.16, VLT 0.36, Performance Class CW PG 70  
(5) Glass: Insulated Dual Tempered Low-E SunDefense, Argon, U Factor 0.27, SHGC 0.23, VLT 0.53, Performance Class CW PG 50

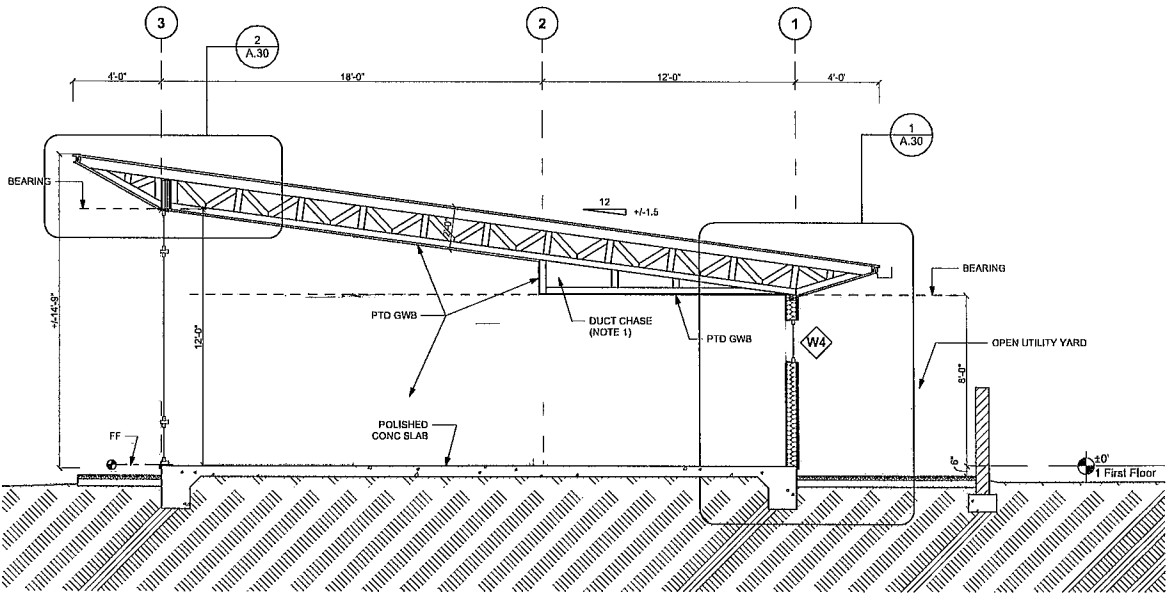
Door Hardware Notes

- D1 Seattle Multipoint Lock, Exterior Satin Nickel, Interior Black  
D2 Spiera Hinged Door Handle, Exterior Satin Nickel, Interior Black  
D3 Spiera Hinged Door Handle, Exterior Satin Nickel, Interior Black



East Elevation

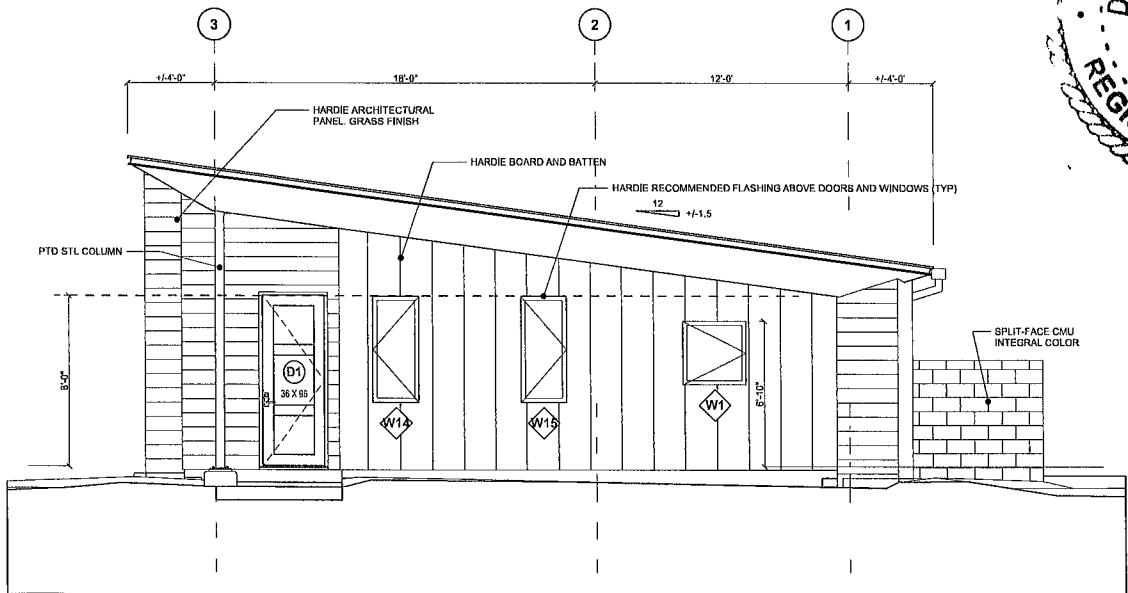
SCALE 1/4" = 1'-0"



Cross Section

SCALE 1/4" = 1'-0"

NOTE 1) TO PROVIDE MAX SPACE FOR DUCT 2X FRAMING MAY BE FRAMED FLAT VERIFY WITH HVAC CONTRACTOR.



West Elevation

SCALE 1/4" = 1'-0"

Hilda & David Gilchrist

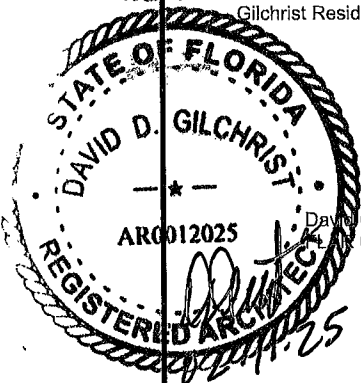
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Gilchrist Residence



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SHEET TITLE

Exterior Elevations

A.22

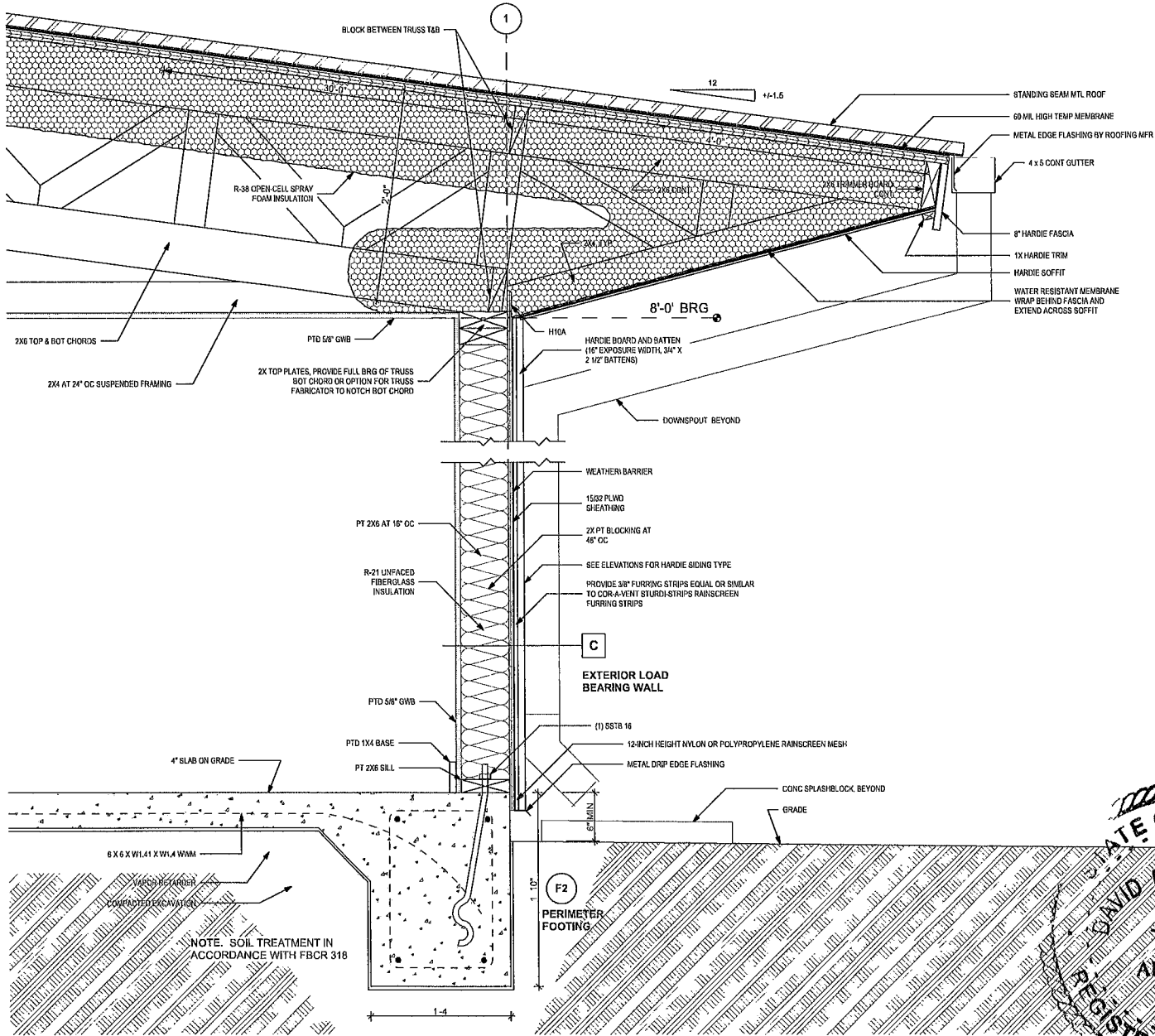
SHEET 16 OF 30



BEARING WALL OPENING HEADERS rev 12/29/24

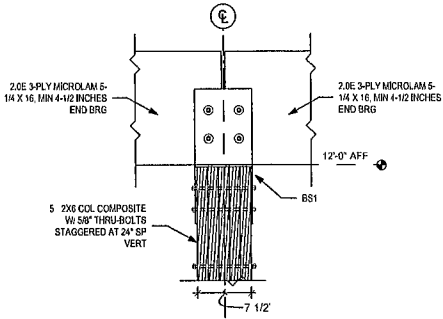
Openings other than Microlam members

Spans	Qty	Size	Jacks
6"	3	2 x 8	2
4"	2	2 x 8	2
2"	2	2 x 6	1



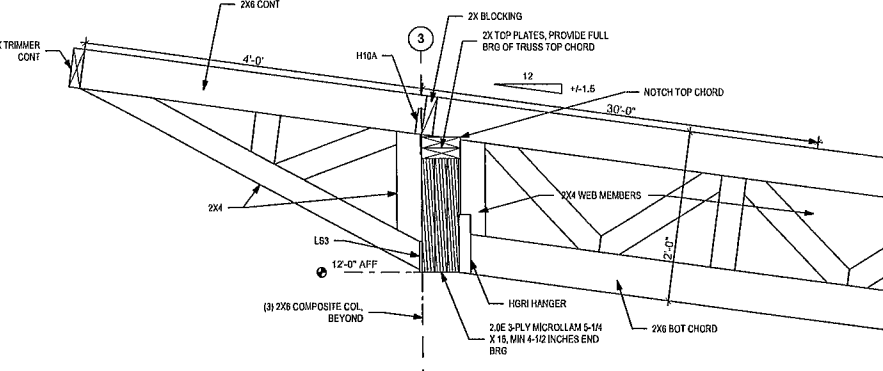
South Load Brg Wall Section

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



Microlam Beam at Built-Up Composite Column

SCALE 1" = 1'-0"



Cantilever Roof Truss at North Bearing

SCALE 1" = 1'-0"

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SHEET TITLE

Wall Section and Details

A.30

SHEET 17 OF 30

DOOR SCHEDULE rev 01-31-25

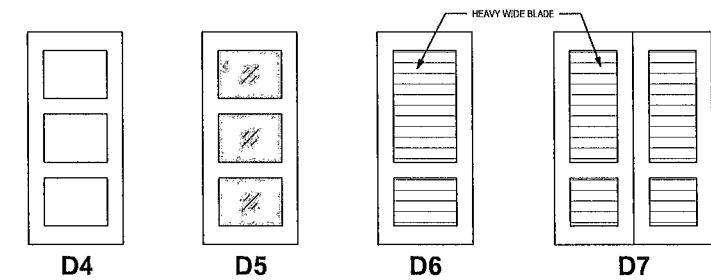
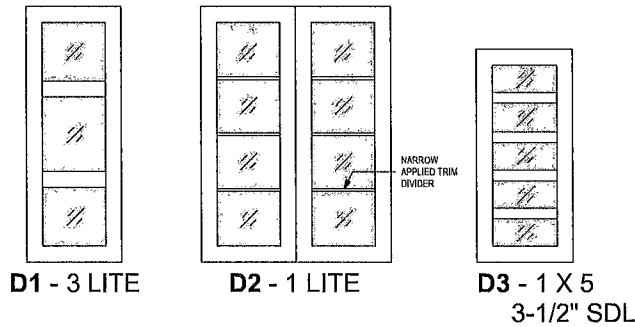
Mark	Location	Construction	Size	Thickness	Panel	Finish	Hardware Set	Hardware Color	Remarks
D1	Exterior	Clad	36x96	1-3/4	Glass	Fcty	by Pella		Textured Obscure, Low-e
D2	Exterior	Clad	Pr 36x96	1-3/4	Glass	Fcty	by Pella		Low-e
D3	Exterior	Clad	36x80	1-3/4	Glass	Fcty	by Pella		Low-e
D4	Interior	Wood	36x80	1-3/8	3-Panel	Primed	H1	Satin Nickel	
D5	Interior	Wood	36x80	1-3/8	3-Lite	Primed	H1	Satin Nickel	Frosted Glass
D6	Interior	Wood	36x80	1-3/8	Louver/Louver	Primed	H2	Satin Nickel	
D7	Interior	Wood	Pr 30x80	1-3/8	Louver/Louver	Primed	H3	Satin Nickel	Bipassing

NOTES

1 All Interior Doors shall hav 3/4" undercut for return air circulation

INTERIOR DOOR HARDWARE SCHEDULE

D4 and D5 – Bedrooms Bathrooms and Vest 2 Door Wood Panel				
3	EA HINGE	PB 4 5 X 4 5	HAGER	US26D
1	ARMSTRONG LEVER LOCKSET	CL3820	CORB-RUSS	US26D
D5-Closets and Utility Room				
3	EA HINGE	PB 4 5 X 4 5	HAGER	US26D
1	ARMSTRONG LEVER PASSAGE	CL3810	CORB-RUSS	US26D
D6 – Closet Bi-Passing				
1	COMPLETE TRACK & ROLLER SET		JUBEST	ZINC



1

Door Elevations

SCALE 3/8" = 1'-0"

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David Gilchrist RA  
FL #0012025

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Door Elevations,  
Schedules and Notes

A.40

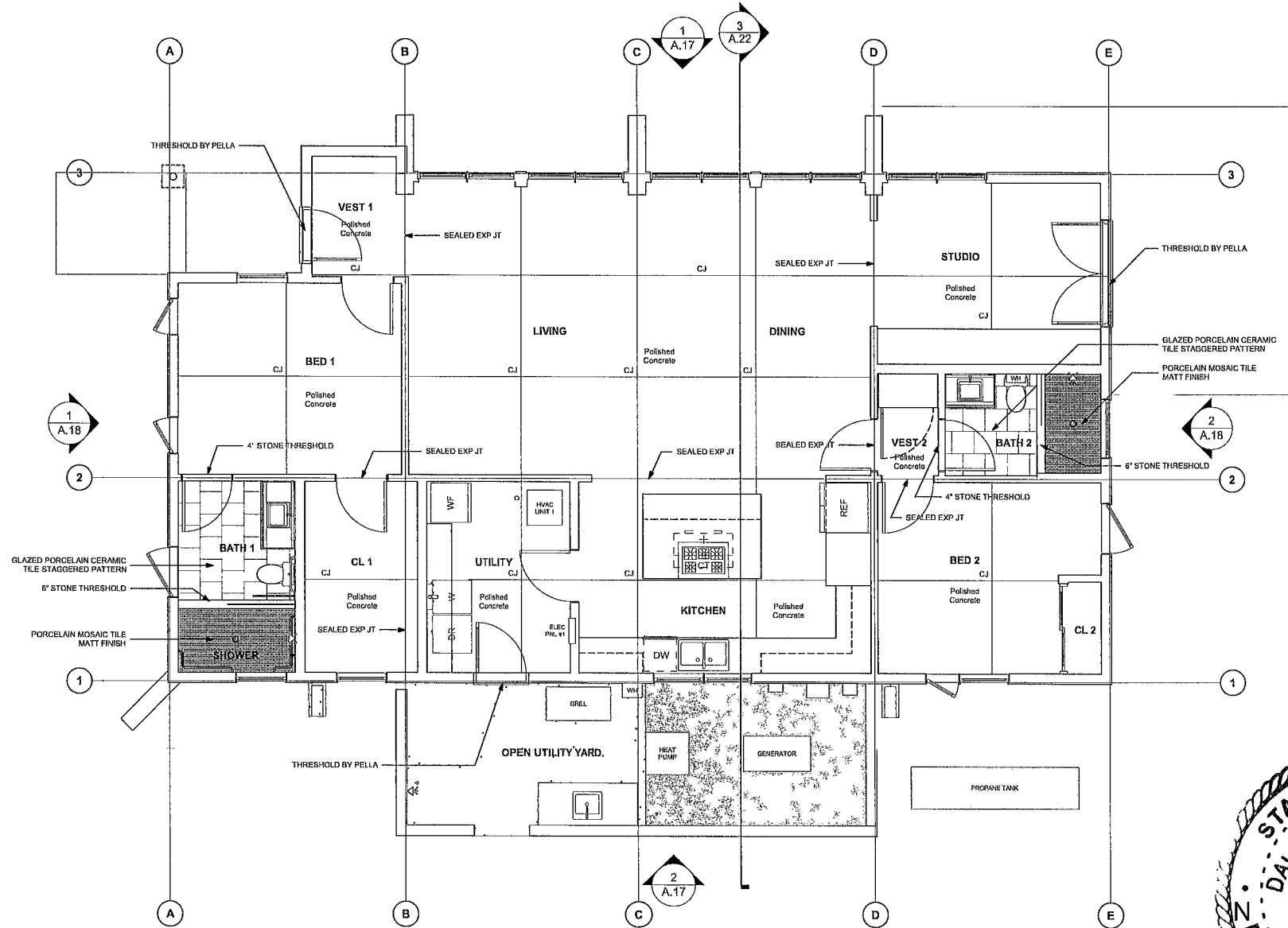
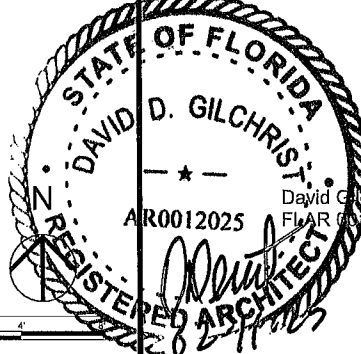
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1 Finish Floor Plan  
SCALE 1/4" = 1'-0"

INTERIOR ROOM FINISH NOTES

Floors except bathrooms and showers  
Base at Polished Concrete  
Door Casing:  
Window Sills  
Window Casing

Polished Concrete  
1 x 6 Wood  
1 x 4 Wood  
None  
None, GWB returns all around

Bathroom Floors  
Base at Bathroom Floors  
Thresholds

Porcelain Tile polished, large format  
3" height, bullnose, same as floor tile  
Stone, white 6 wide

Shower Floor  
Shower Walls

Porcelain mosaic, matte  
Same as bathroom floors

See Painting Specification for painted wall and ceiling finishes

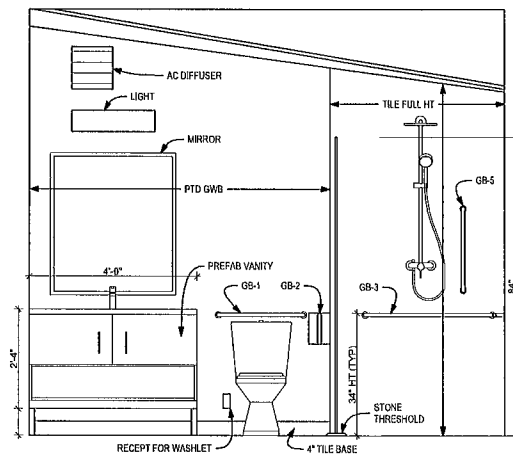
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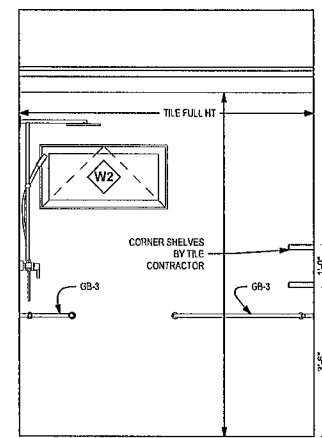
Finish Floor Plan and  
Room Finish Notes

A.50

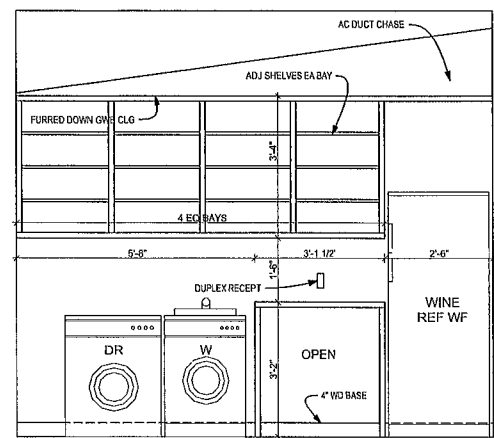
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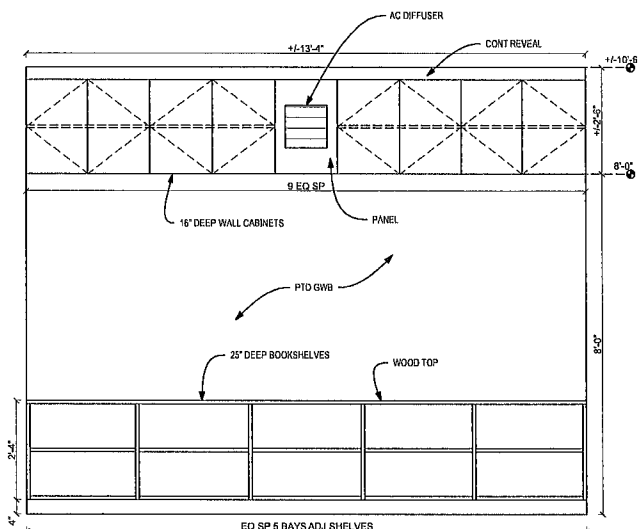
3 Bath 1 East  
SCALE 1/2" = 1'-0"



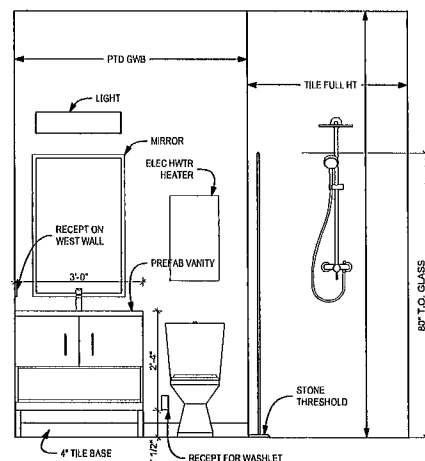
4 Bath 1 Shower South  
SCALE 1/2" = 1'-0"



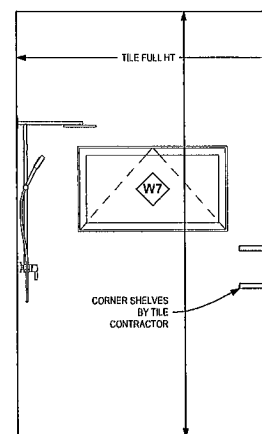
5 Utility West  
SCALE 1/2" = 1'-0"



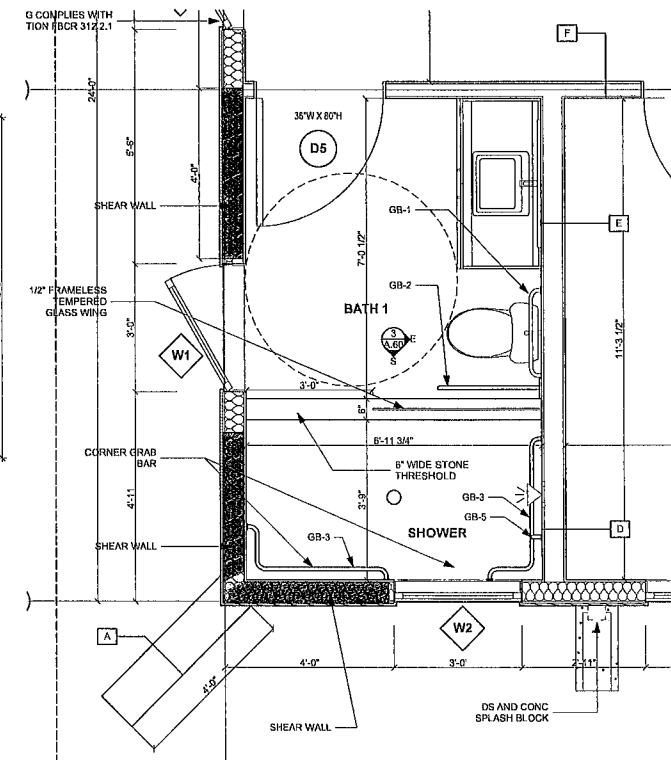
6 Studio South  
SCALE 1/2" = 1'-0"



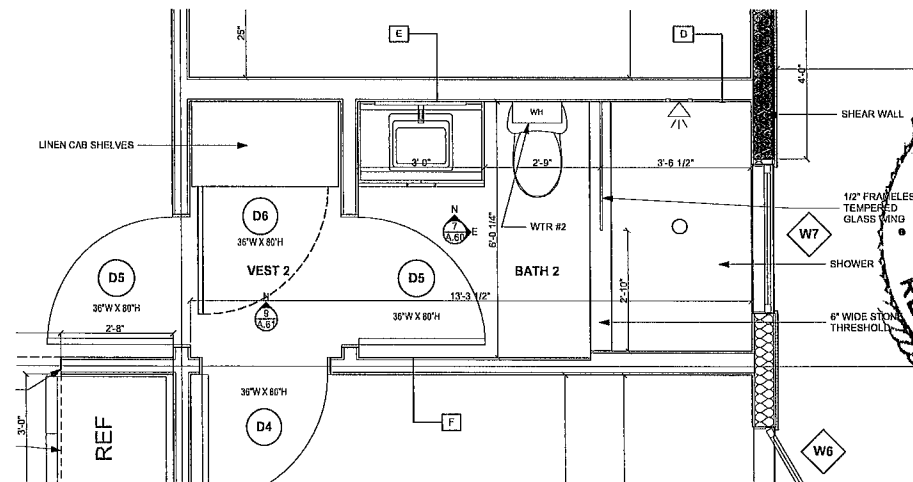
7 Bath 2 North  
SCALE 1/2" = 1'-0"



8 Bath 2 Shower East  
SCALE 1/2" = 1'-0"



1 Bath 1 - Enlarged Plan  
SCALE 1/2" = 1'-0"



2 Bath 2 - Enlarged Plan  
SCALE 1/2" = 1'-0"

#### GRAB BAR SCHEDULE

Mark	Function	WxL	Dia	Mounting	BOD (1)	Model	Texture	Finish
GB 1	Toilet	30"	1 1/2"	Wall Horz	Bobrick	6806x30	Smooth	Satin SS
GB-2	Toilet	30"	1 1/4"	Wall Swing-Up	Bobrick	B-4998 99	Peened Grip	Satin SS
GB-3	Shower L	24" x 36"	1 1/2"	Wall Horz	Bobrick	B-68616 99	Peened Grip	Satin SS
GB-4	(RESERVED)							
GB-5	Shower	24"	1 1/2"	Wall Vertical	Bobrick	6806.99x24	Peened Grip	Satin SS

- (1) Basis of Design (BOD) provided Preference for same manufacturer on all bars  
(2) Provide Blocking at Grab Bar Locations

Hilda & David Gilchrist

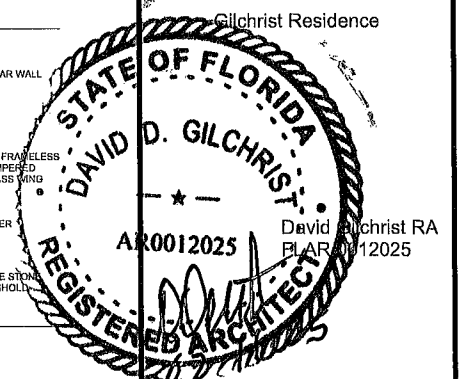
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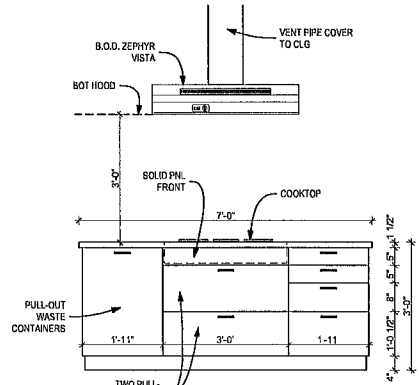
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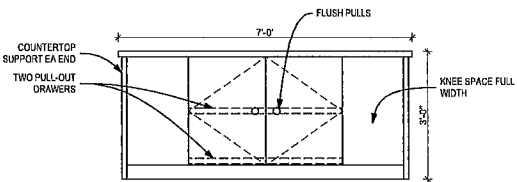
Interior Elevations and  
Enlarged Plans

A.60

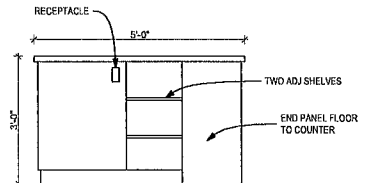
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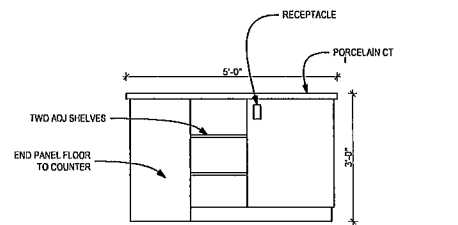
5 Island South  
SCALE 1/2" = 1'-0"



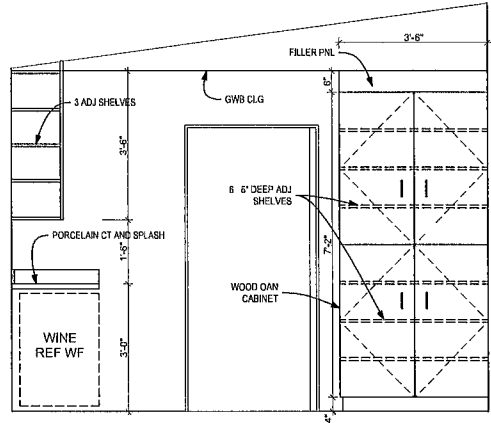
6 Island North  
SCALE 1/2" = 1'-0"



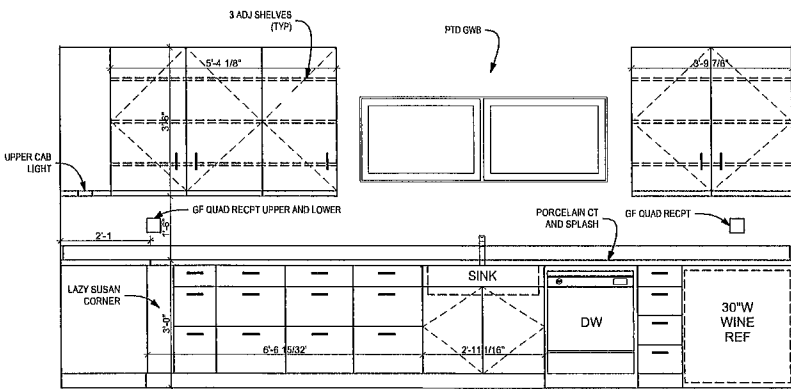
7 Island West  
SCALE 1/2" = 1'-0"



8 Island East  
SCALE 1/2" = 1'-0"

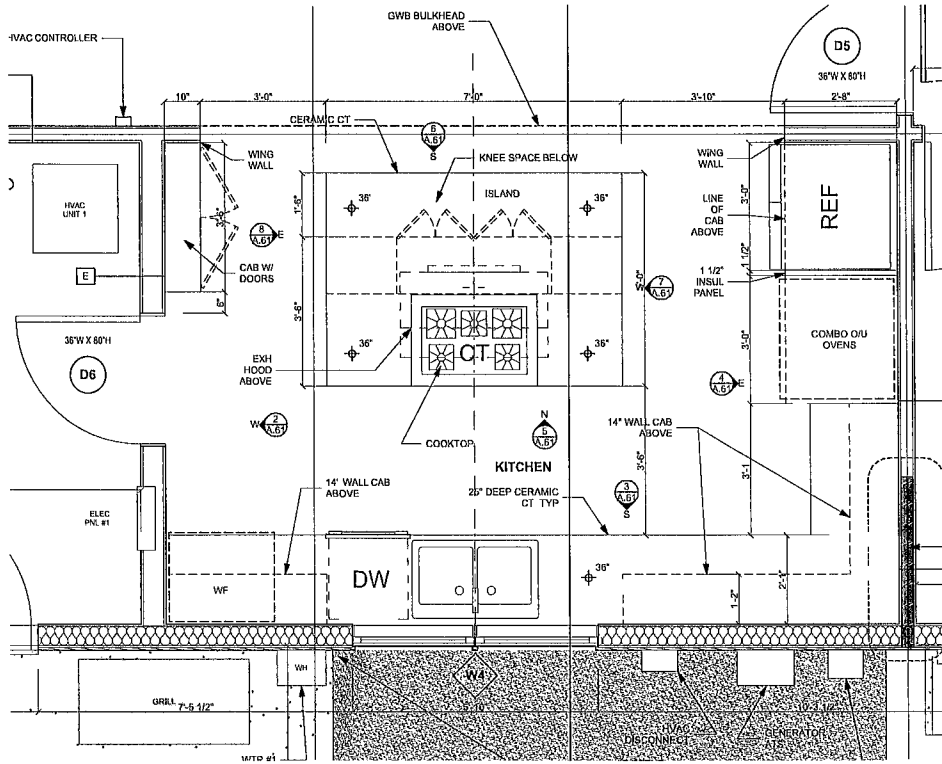


2 Kitchen West  
SCALE 1/2" = 1'-0"

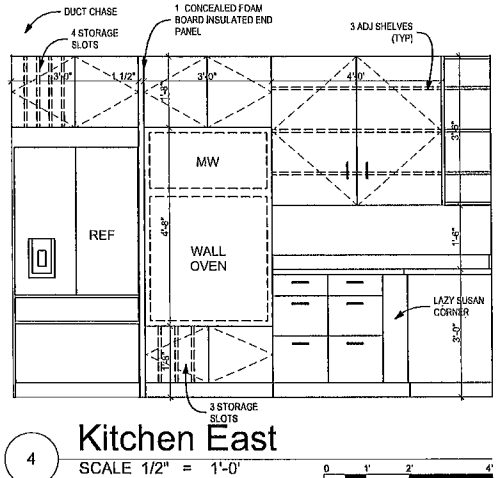


3 Kitchen South  
SCALE 1/2" = 1'-0"

- Cabinet Wood Construction**
- Grade: AWI Custom, Maple
  - Style: Flush Overlay
  - Finish: Catalyzed Urethane semi-gloss Clear
  - Doors, Drawer fronts and Front Cabinet shall be maple wood
    - Gently rounded 3/4 inch solid wood face frames
    - 1/2" hardwood cabinet front frame
  - Interior of Cabinets and Drawers
    - 1/2" full depth shelves and drawers-simulated light maple wood grain interior
    - Every drawer and slide-out tray to feature full-extension guides
    - Dovetail drawer joints
    - Wood glue and think hanging rail supports for superior strength
    - 1/4-inch fully captured plywood drawer bottoms
    - Whisper Touch soft-close adjustable hinges and full extension drawer
    - Under sink use an engineered polymer and build so it gently slopes forward to protect from trapped spills and leaks at rear
  - Hardware: Selected by Owner
  - Countertop: Infinity Porcelain by UMI Jacksonville FL
    - 1.5cm thickness
    - Beveled edge
    - Finish: Satin
    - Color/Pattern: Selected by Owner



1 Kitchen - Enlarged Plan  
SCALE 1/2" = 1'-0"



4 Kitchen East  
SCALE 1/2" = 1'-0"

- Wood Kitchen Cabinet Construction**
- Doors: Drawer fronts and Front Cabinet shall be maple wood
    - Gently rounded 3/4 inch solid wood face frames
    - 1/2" hardwood cabinet front frame
  - Interior of Cabinets and Drawers
    - 1/2" full depth shelves and drawers-simulated light maple wood grain interior
    - Every drawer and slide-out tray to feature full-extension guides
    - Dovetail drawer joints
    - Wood glue and think hanging rail supports for superior strength
    - 1/4-inch fully captured plywood drawer bottoms
    - Whisper Touch soft-close adjustable hinges and full extension drawers
  - Under the sink use an engineered polymer and build so it gently slopes forward to protect from trapped spills and leaks

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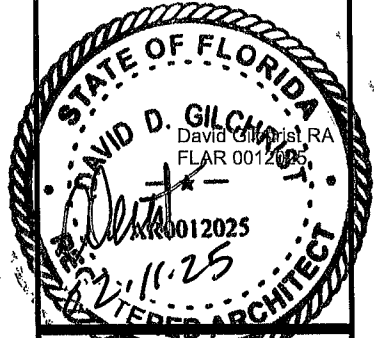
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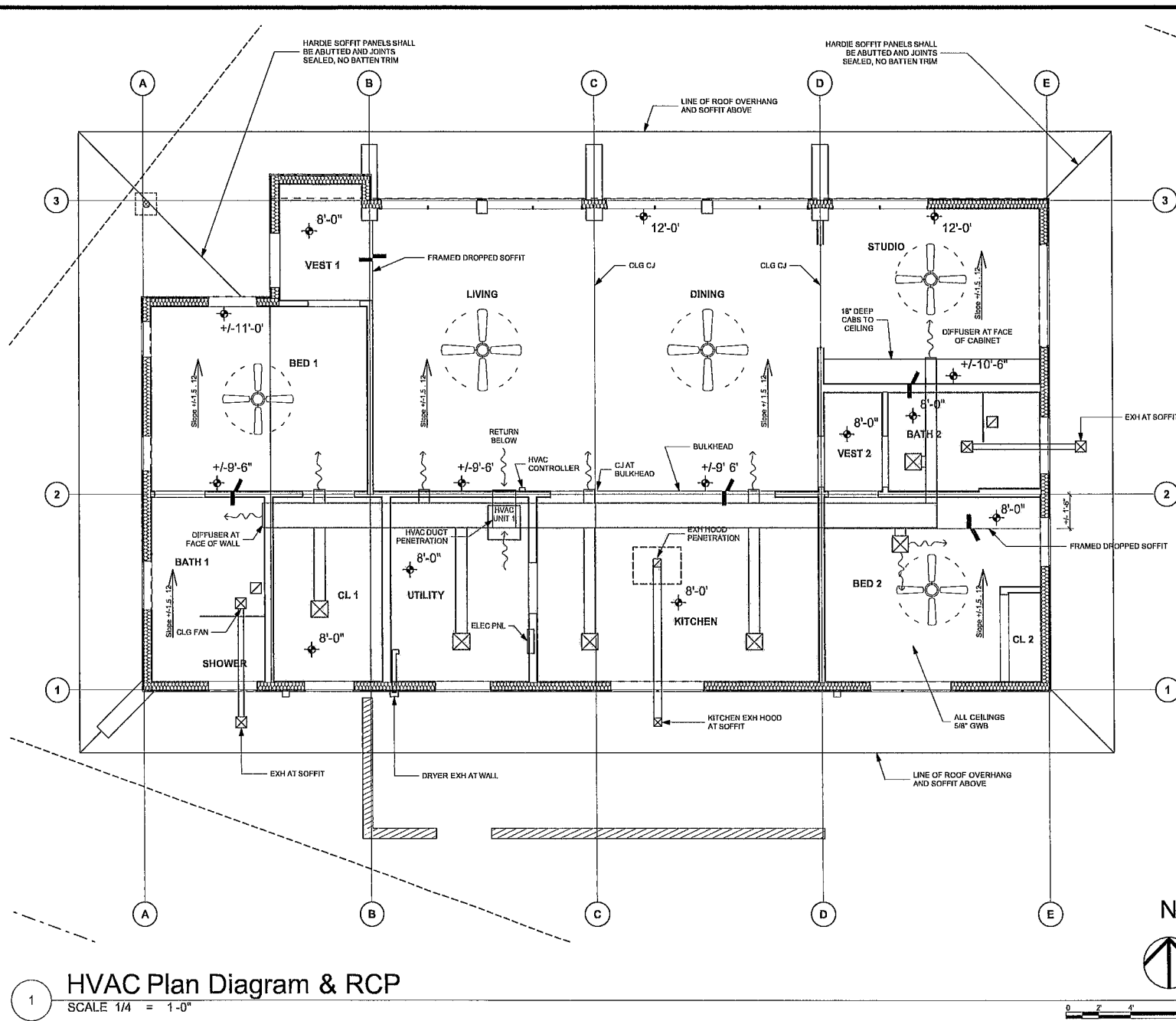
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SHEET TITLE

Interior Elevations

A.61

SHEET 21 OF 30



1 HVAC Plan Diagram & RCP  
SCALE 1/4" = 1'-0"

- NOTES
- 1 All ceilings 5/8" Gyp Bd, Level 4 finish V groove control joints CJ where indicated
  - 2 No exhaust fan outlets through roof Vents exit through soffits Provide plastic vents with backdraft damper
  - 3 Round kitchen exhaust duct shall be sheet metal and insulated Slope duct from exhaust exit back to hood
  - 4 Size of cavity of framed dropped soffits shall be confirmed with HVAC contractor

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SHEET TITLE

HVAC Plan Diagram & RCP

M.10

SHEET 23 OF 30

## CONSULTANTS

285 RIVERSIDE  
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STATE OF FLORIDA

DAVID D. GILCHRIST

— ★ —

AR0012025

REGISTERED PROFESSIONAL ENGINEER

Gilchrist Residence

David Gilchrist

Feb 2002

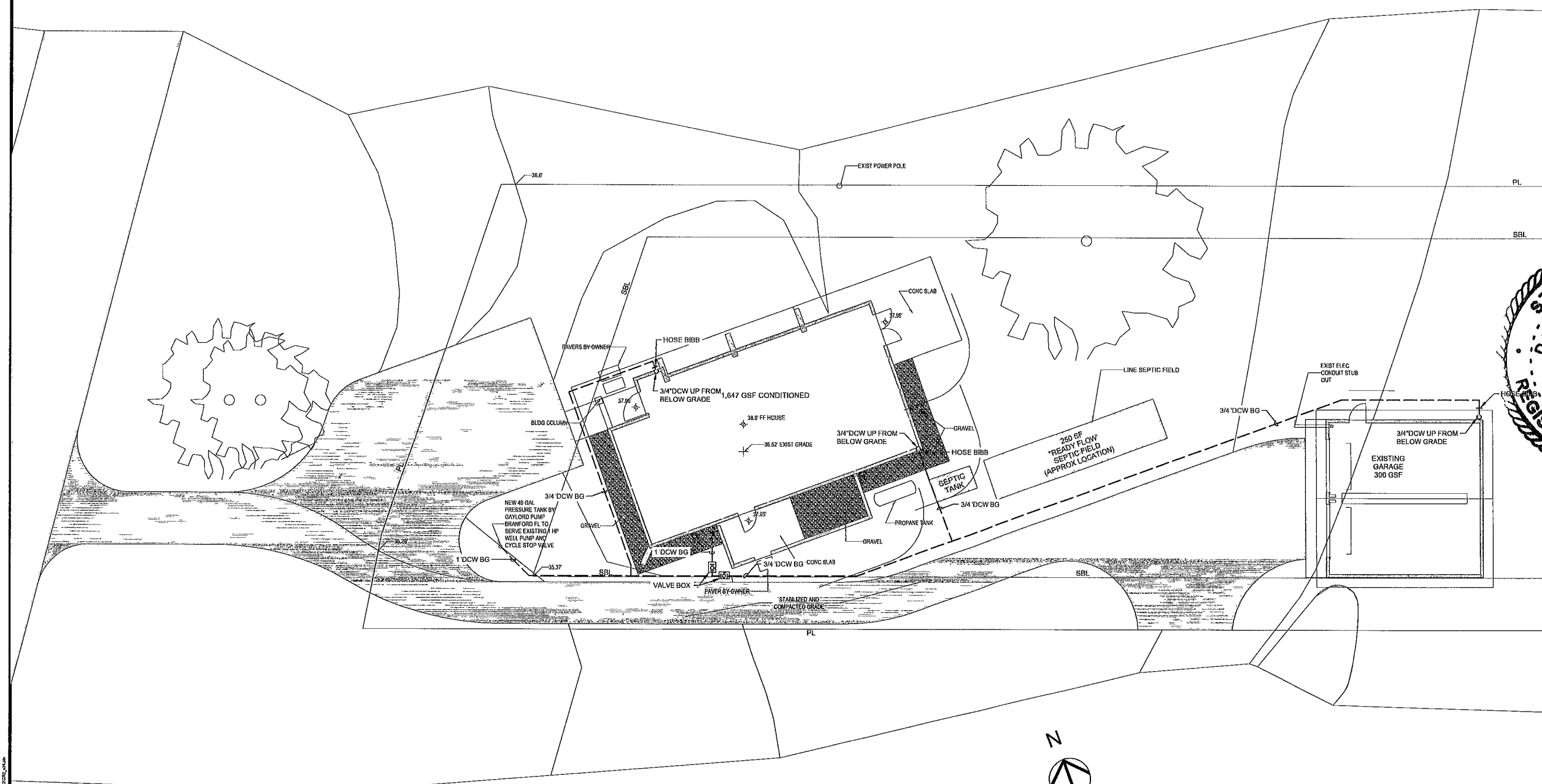
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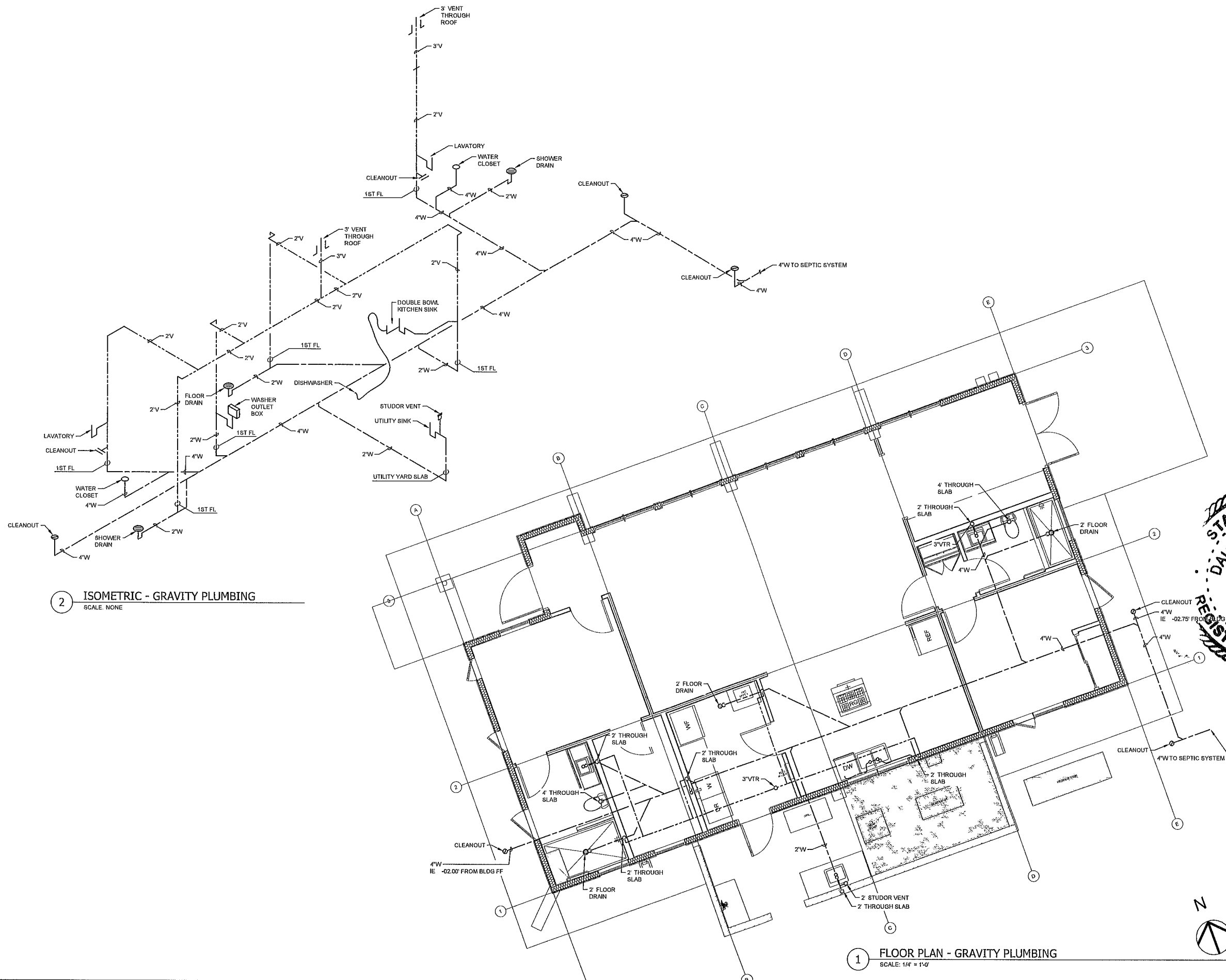
## Site Plan - Plumbing

SHEET 24 OF 30



1 SITE PLAN - PRESSURE PLUMBING  
SCALE: 1" = 10'-0"





2 ISOMETRIC - GRAVITY PLUMBING  
SCALE: NONE

1 FLOOR PLAN - GRAVITY PLUMBING  
SCALE: 1/4" = 1'-0"

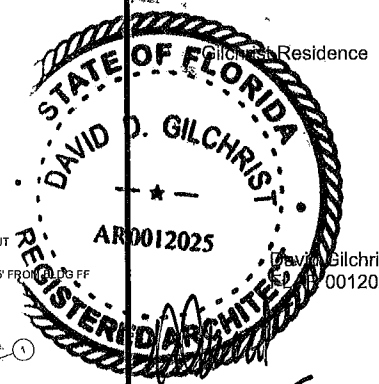
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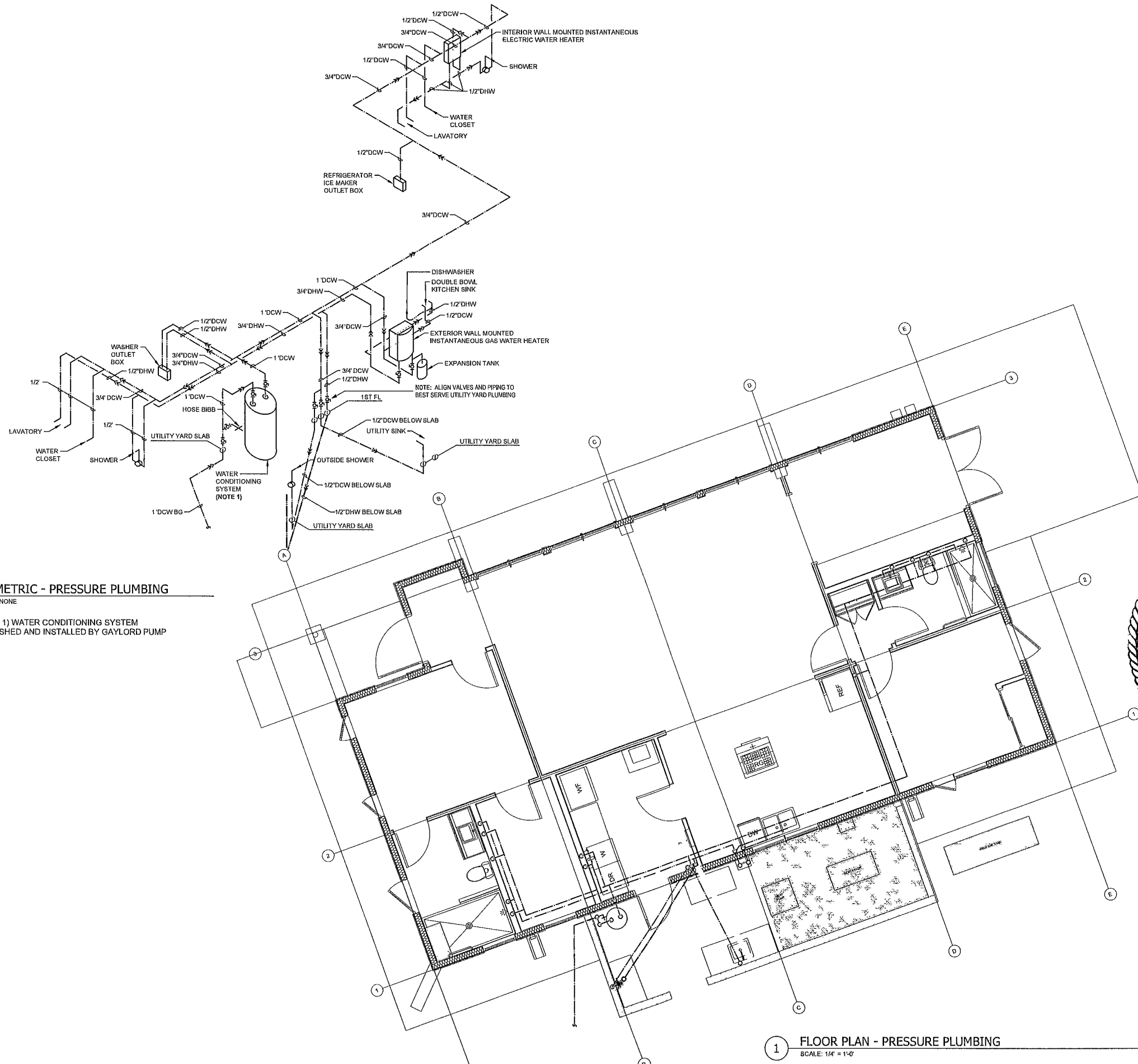
SHEET TITLE

Floor Plan & Isometric -  
Gravity Plumbing

P.11

SHEET 25 OF 30





2 ISOMETRIC - PRESSURE PLUMBING  
SCALE: NONE

NOTE 1) WATER CONDITIONING SYSTEM  
FURNISHED AND INSTALLED BY GAYLORD PUMP

1 FLOOR PLAN - PRESSURE PLUMBING  
SCALE: 1/4" = 1'-0"

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REGISTERED ARCHITECT  
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David Gilchrist RA  
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SHEET TITLE

Floor Plan & Isometric -  
Pressure Plumbing

P.12

SHEET 26 OF 30

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PLUMBING FIXTURE SCHEDULE revised 12/08/24

Item	Description	Qty
	BATH 1	
	VANITY/MIRROR/FAUCET	
J735M36BW	36 MIR BRWH *GLENBROOKE	1
M292377L	LIGHT CP 1 44W LED LIN	1
J330V48BW3EJP	*CVR* 48 SGL VAN BRWH W/3CM ETERNA	1
	CHROME KNOBS REPLACED BY	
	OWNER	
G2057800A	CCY LFA 1 2 2HDL LEV W/SPRD LAV STC	1
	SHOWER VALVE AND TRIM	
SHLZ8010LHCP	1HDL P/BAL VLV TRIM L/HDL	2
SHLZPBLEVCP	LEV HDL F/ P/BAL TRIM *LENTZ CP	2
SH4001	CRMC T&S VLV MIP & SWT W/STOP	2
	ACCESSORIES	
PBTB2VRVC	24 TWL BAR *VERVE CP	2
PBRHVRVIC	DBL ROBE HOOK CP	1
PBRBVRVC	TWL RING CP	1
PBPHVRVSC	HORZ SGL POST TP HLDR CP	1
	HAND HELD ON SLIDE BAR	
SHHS4030GCP	CCY 1 8 GPM SGL H/SHWR CONTEMP CP	1
SHH1010CP	60 MTL SHWR HOSE CP	1
SH418281	*NLA *CVR* MODERN HAND SHOWER WATER	1
	FIXED SHOWER HEAD	
SHSK82CP	6 SHWR ARM W/ FLG CP	1
SHSH2040GCP	CCY 1.8 GPM 3F SGL SHWRHD CP	1
	WATER CLOSET	
	OPTION 1	
TSW3084T4001	EB WASHLET BIDET SEAT COTT	2
TST446EMNA01	CCY 1.28 GPF VC TLT TANK ONLY	2
TCT446CEGN01	CCY 1 GPF VC 12 TLT EB ONLY	2
	COLOR MATCH BN BUTTON	
TTHU842BNA	P/BTN ASSY W/ RODS BN	1
	BATH 2	
	VANITY FAUCET, LIGHT	
J735M26BKO	26 MIR BLON *GLENBROOKE	1
M292377L	LIGHT CP 1 44W LED LIN	1
J630V36BK03AF	36 SGL VAN BLON & ARFA 3CM TOP	1
SHWSCGF807ZBN	CCY LFA 1.2 W/SPRD LAV *GREYF BN	1
H5163CM	*CVR* INTERIOR BATH	1
	SHOWER VALVE AND TRIM	
SHLZ8010LHZBN	1HDL P/BAL VLV TRIM L/HDL	2
SHLZPBLEVZBN	LEV HDL F/ P/BAL TRIM *LENTZ BN	2
SH4001	CRMC T&S VLV MIP & SWT W/STOP	2
	HANDHELD ON CRADLE	
SH418285	*NLA *CVR* MODERN HAND SHOWER WATE	1
SHHS4030GZBN	CCY 1 8 GPM SGL H/SHWR CONTEMP BN	1
SHH1010ZBN	60 MTL SHWR HOSE BN	1
	FIXED HEAD	
SHSK82ZBN	6 SHWR ARM W/ FLG PVBN	1
SHSH2040GZBN	CCY 1 8 GPM 3F SGL SHWRHD BN	1
	ACCESSORIES	
D77518SS	1/4 18 TWL BAR *ARA STAI	2
D77550SS	1/4 TISSUE HLDR STAI	1
D77546SS	1/4 BATH ACCY TWL RNG	1
D77535SS	1/4 CONTEMP ROBE HOOK STAI	2
	KITCHEN	
	FAUCET OPTION 1	
A18SB9332200A07	LF 33X22 1B SS KITC APN SINK *PEKOE	1
M91265RS	CCY LF 1 5 1HDL PD KITC FCT SS	1
PF1431SS	STD SS BSKT STRN	1
M39445RS	1/4 LIQ LOTION & SOAP DISP SRST	1
	OUTDOOR FCT	
	SINK UNIT BY OWNER	
PFXC802ZZBN	CCY LFA 1.5 1HDL LEV PD KITC FCT BN	1

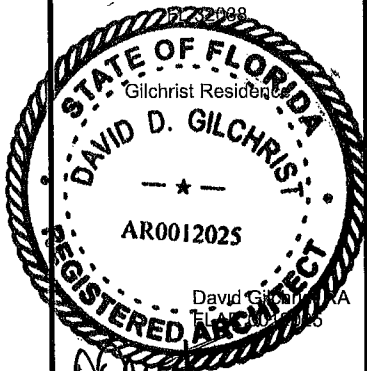
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285 RIVERSIDE AVE

285 RIVERSIDE AVE. FT WHITE



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Fixture Schedule and Notes

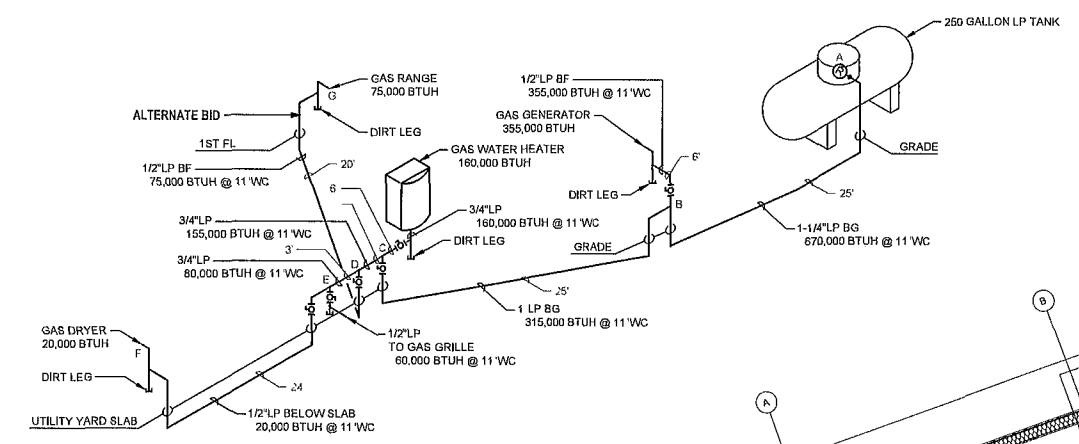
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LP GAS PIPE SIZING CRITERIA

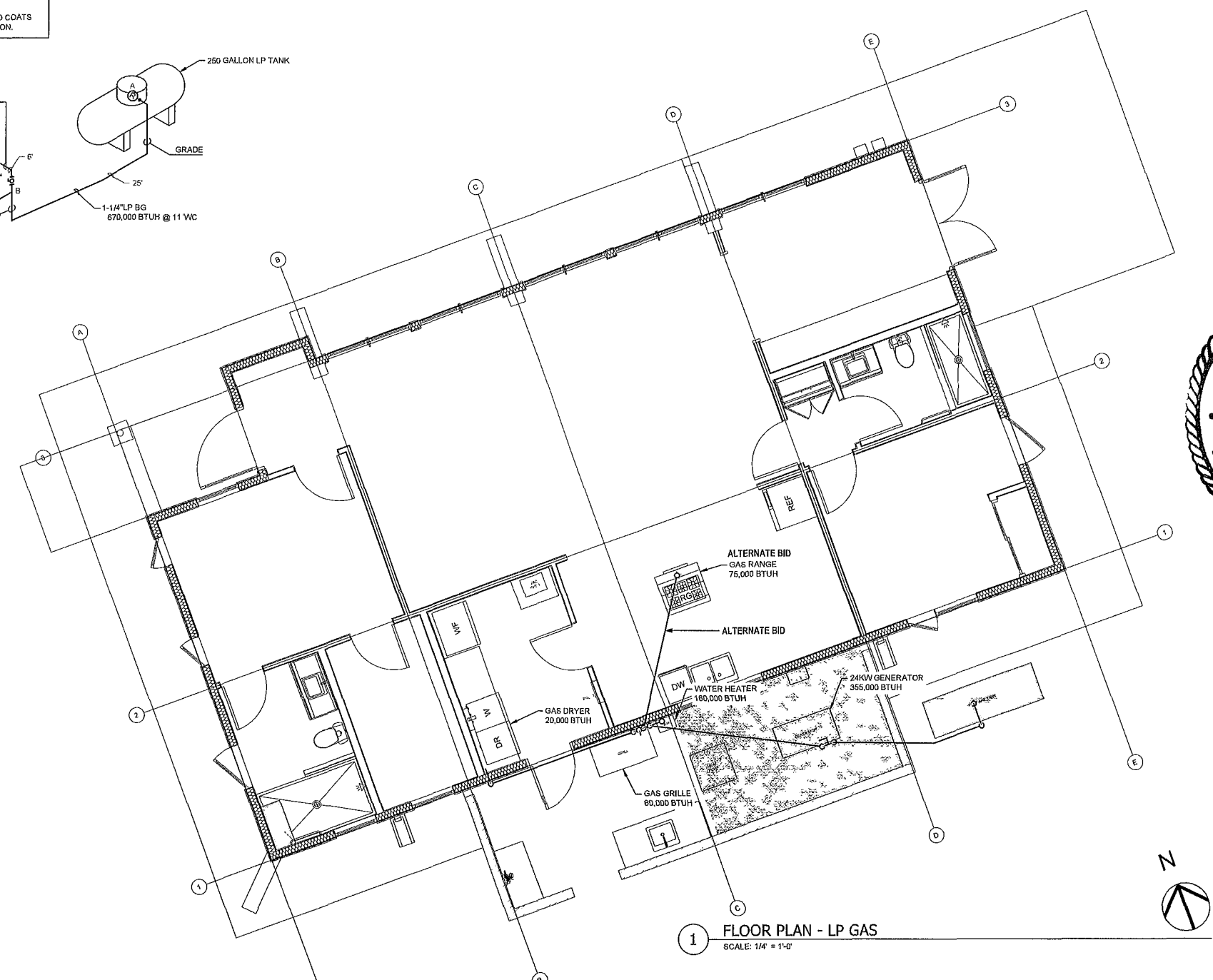
1. SIZING BASED ON A SPECIFIC GRAVITY OF 1.50.
2. PIPE LENGTHS SHOWN ARE EQUIVALENT LENGTHS.
3. 11"WC SIZING BASED ON A MAXIMUM PRESSURE DROP OF 0.5"WC.
4. SIZING OF GAS PIPING IS BASED ON THE FBC-FG 402.4.2 (BRANCH LENGTH METHOD).

	SECTION OF PIPING	TOTAL LENGTH OF PIPE (FT)	PIPE SIZE	BTUH
11"WC PIPE SIZING FROM REGULATOR AT TANK LONGEST RUN (DRYER) USING 80'				
1	POINT 'A' TO POINT 'B'	80 (25)	1-1/4"	670,000
2	POINT 'B' TO POINT 'C'	80 (25)	1"	315,000
3	POINT 'C' TO POINT 'D'	80 (2)	3/4"	155,000
4	POINT 'D' TO POINT 'E'	80 (3)	3/4"	80,000
5	POINT 'E' TO POINT 'F'	80 (24)	3/4"	20,000

GAS PIPING NOTES:  
1. EXTERIOR ABOVE GROUND PIPING SHALL BE PAINTED WITH MINIMUM TWO COATS OF YELLOW PAINT THAT PROVIDES CORROSION RESISTANT PROTECTION.



2 ISOMETRIC - LP GAS  
SCALE: NONE



1 FLOOR PLAN - LP GAS  
SCALE: 1/4" = 1'-0"

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STATE OF FLORIDA  
DAVID D. GILCHRIST  
REGISTERED PROFESSIONAL ARCHITECT  
AR0012025  
David Gilchrist, P.A.  
FLA. REG. NO. 12025

02.11.25

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Floor Plan & Isometric - Gas

G.10

SHEET 28 OF 30

LIGHT & CEILING FAN FIXTURE SCHEDULE rev 01-03-25						
Qty	MARK	DESCRIPTION	MOUNTING	MFR	MODEL	REMARKS
15	SL-1	5' Slim Surface LED	Surface	Lightolier	S5R8307K7	White
9	SL-2	7' Slim Surface LED	Surface	Lightolier	S5R8307K10	3000K Color
2	TR4	Track Channel			10LP04 W-2	Bright White
2	TR6	Track Channel	Surface	Liton	LP06 W-2	Bright White
1	TR8	Track Channel	Surface	Liton	LP08 W-2	Bright White
15		Track Light Head		Liton	LTD5216 WW-B60-DIN-T40	White
1	UC	Under Cabinet	Surface	Finelite	UC-E-45'-W-PS-21W	White
1	CH	Chandelier	Suspended			To be selected by Owner in future after occupancy
2	VL	Vanity Lights	Surface		Refer to PLUMBING FIXTURE SCHEDULE	
1	PL	Pendant Light	Pendant	WESTGATE	SCP-8FT-40-60W-MCP	White
6	SC	Outdoor Wall Sconce	Surface	DALS	LEDWALL-G-CC SQ DIRECTIONAL	Bronze 14W, 4000K
4	FLM	Outdoor Security Lights	Surface	SANSI	28W, 3500LM	White Soffit Mtd Available on Amazon
FANS						
5	CF	LED Fan Light Fixture		EMERSON	LK 180LED5W	White
5	CF	Control Switch (1)		EMERSON	SW605	White
2	CF1	Carrera Grand Eco	Pendant	EMERSON	EF-B78SW60' 5 Blade Set	White
2	CF2	Carrera Grand Eco	Pendant	EMERSON	EF-B77SW54 5 Blade Set	White Bed 1 Studio, (2)
1	CF3	Carrera Grand Eco	Surface	EMERSON	EF-B77SW54 5 Blade Set	White Bed 2
SMOKE DETECTION AND SECURITY						
1	SD	Smoke and CO Detector	Surface	SimpliSafe		White Installed by SimpliSafe Contractor (3)

Note (1) Emerson 6-speed wall control with full-range dimming and reverse function

Note (2) Verify with Owner clearance from floor to be 96"

Note (3) Wireless SD connected to SimpliSafe Security System

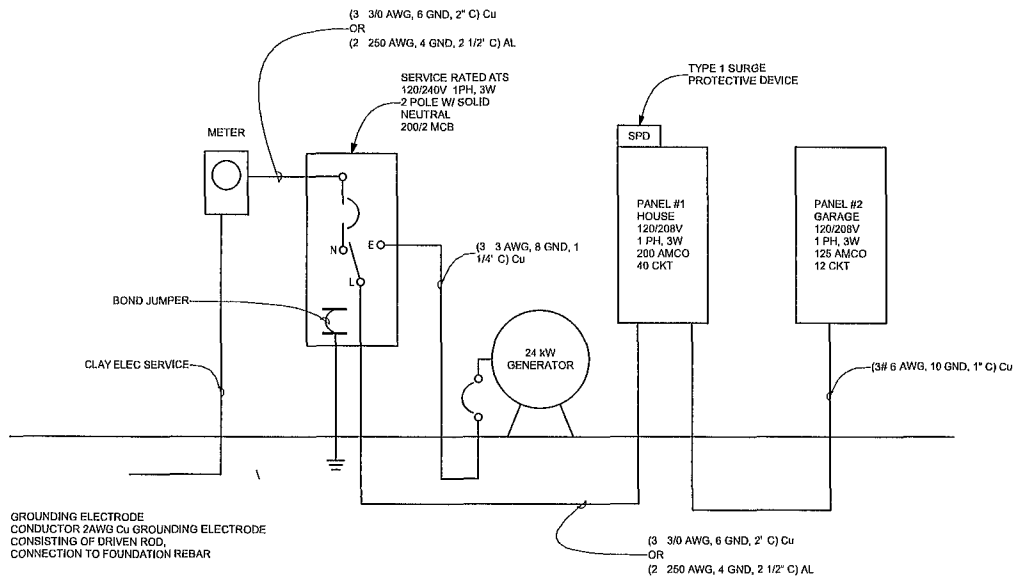
#### LUTRON SWITCHES

Single Switches. Toggle Cover Plates to match dimmer plates  
Dimmer Switches. Lutron Sunnata Touch Provide 3-way capability where indicated on plan as DIM 3  
Coverplates. Provide single 2, 3 and 6 gang plates for banks of switches  
Color of Plates. Single color selected by Owner

Other Switches. SWT - Bathroom Fan Legrand radiant 4-button countdown timer wall control

#### ELECTRICAL NOTES rev 01/03/25

- Electrical Installation shall be in accordance with the National Electrical Code (NEC) current adopted editions by the local code authority other local codes and service by Clay Electric Cooperative (CEL).
- Emergency Generator: Generator size indicated is estimate by the Owner. In its proposal to the General Contractor the Electrical Contractor shall calculate load demand, analyze optimum efficiency, propose load shedding and recommend a generator manufacturer and kW size to the Owner. The generator cost and installation shall be presented as a separate line item from the prime electrical bid in the proposal.
- Coordinate the routing of electrical conduits and cabling with other trades. Note specific routings on the drawings to avoid routing that would be exposed to view in rooms with no ceiling crawl space or attic space.
- If there is a conflict between the electrical and lighting diagrams and other construction, please contact the Architect prior to proceeding.
- Main Disconnect shall be provided with overcurrent protection.
- Provide two (2) grounding rods spaced a least six (6) feet apart. Connect to foundation steel rebar. Concrete encase electrode per NEC 250.52.3.
- Provide Arc-Fault Interrupter Protection Device per NEC 210.12A.
- All circuits shall be minimum 20 Amp breaker.
- The Electrical Contractor shall be responsible for panel circuiting and distribution and marking circuits on the panel board & door panel. Schedule shall be printed and not hand written.
- Receptacles shall be mounted such that the ground pin is mounted down.
- Outlet boxes shall not be mounted back-to-back. Offset boxes to minimize sound transmission between rooms.
- Coordinate outlet location with location of countertops and backsplashes.
- Switch coverplate color shall be selected by the Owner.
- Wiring shall be routed overhead through the truss cavity.
- No penetrations are permitted in Microlam beams or through shear walls.
- Provide Simpson Strong-Tie Nail Stoppers NS/PSPNZ at locations where wiring is routed through the studs.
- The LIGHTING AND CEILING FAN FIXTURE SCHEDULE provides Basis of Design selection. Other similar products may be considered and offered by the Contractor for review and acceptance by the Owner.



2 Electrical Riser Diagram

NOT TO SCALE

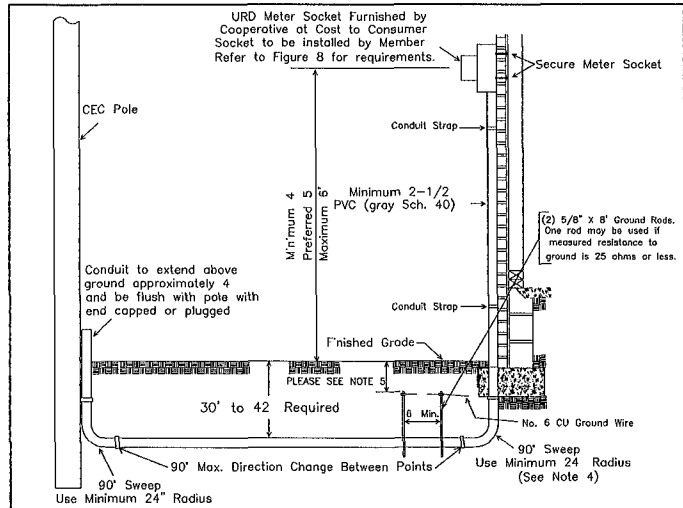
#### APPLIANCES AND EQUIPMENT SCHEDULE rev 02/09/25

APPLIANCES AND EQUIPMENT SCHEDULE	TYPE	BRAND	BASIS OF DESIGN	FINISH	POWER NOTES (1)	SOURCE	INSTALLATION
EXISTING WELL PUMP					1 HP SINGLE PHASE		EXISTING
TANKLESS HOT WATER HEATER (WHTR1)	Propane	Navien	NPN-160E	N/A	120V/5.0A FUSE		FCIC
TANKLESS HOT WATER HEATER (WHTR2)	Elec	Rheem	RTEX-11	N/A	11kW 240V, 50A		FCIC
42k BTU Cooling + Heating - Ducted Vertical Air Handler	Elec	LG					
LGRED® Air Conditioning System 17.3 SEER2							
Outdoor Condenser Single Zone			LUU420HHV	N/A	208/230V SINGLE PHASE 40A BKR		FCIC
Vertical Air Handler Single Zone			LVN420HV	N/A	208/230V SINGLE PHASE 40A BKR		FCIC
Wired Simple Remote Controller (Thermostat)			PREMTC002	N/A			FCIC
36" REFRIGERATOR SIDE BY SIDE (27.6 CUBIC FT)	Elec	LG	LF29H8330S	ST STL	120V, 15A	Owner	FBO
ALTERNATE BID 36" GAS COOKTOP	Propane	Thermador	PCG366W	ST STL	120V 0.15A	Owner	FBO
36" INDUCTION COOKTOP	Elec	BOSCH	NIT866UC	BLACK	40A, 9,600W		
30" COMBO (STACKED) WALL OVEN WITH MICROWAVE	Elec	CAFÉ	CTC912P2NS1	ST STL	240V, 30A	Owner	FBO
42" ISLAND EXHAUST HOOD 600 CFM MAX	Elec	ZEPHYR	VISTA DVL-E42ASSX	ST STL	120V 3 1A	Owner	FBO IC
24 BOSCH DISHWASHER	Elec	BOSCH	SHS53CD5N	ST STL	1440W, 120V, 12A	Owner	FBO
EXISTING UPRIGHT WINE REFRIGERATOR	Elec			N/A	120V 160W	Owner	FBO
EXISTING UNDERCOUNTER WINE COOLER	Elec			N/A	120V 15A	Owner	FBO
CLOTHES WASHER FRONT LOAD	Elec			FCTY WHITE	120V 10A	Owner	FBO
CLOTHES DRYER, FRONT LOAD	Propane			BLACK	120V 10A	Owner	FBO
CLOTHES DRYER, FRONT LOAD (ALTERNATE BID)	Elec			BLACK	240V, 30A, 5.9kW	Owner	FBO
BATHROOM CEILING EXHAUST FANS 150 CFM	Elec	BROAN	QTXE119150DCS	FCTY WHITE	120V 0.5A, 21 1W TIMER SWITCH	Owner	FCIC
24kW STANDBY GENERATOR (2)	Propane			FCTY	24kW 200A SERVICE RATED ATS		FCIC
GARAGE CHEST FREEZER 5.0 CU FT	Elec	HISENSE		FCTY WHITE	115V 1.25A	Owner	FBO
OUTSIDE GAS GRILL	Propane			ST STL		Owner	FBO

(1) POWER REQUIREMENTS MAY VARY FROM BASIS OF DESIGN CONTRACTOR SHALL VERIFY FINAL MODELS WITH OWNER.

(2) OWNER ESTIMATED Kw ONLY CONTRACTOR SHALL PROVIDE LOAD CALCULATIONS AND RECOMMEND FINAL SIZE

(3) WATER TREATMENT SYSTEM BY GAYLORD PUMP (LOCATED IN UTILITY YARD).



- Notes
- Member to furnish and install continuous gray electrical conduit (schedule 40) from pole to meter. Meter location shall be located on same side of structure as pole and should be within 10 feet of closest corner to pole. A clear space of minimum 5 feet shall be maintained in front of meter location, with 3 feet of clearance on the sides. The meter location and conduit installation shall not be altered from these specifications without written CEC Engineering approval.
  - For single mobile home URD service installations, meter shall be mounted on pedestal (Refer to Figure 7A).
  - Conduit requires vents:
    - 2-1/2" minimum (Gray Schedule 40).
    - 24 inch minimum radius for all sweeps (elbows).
    - Conduit path should be most direct route from CEC pole to meter. Preferred 180° (maximum of 270°) direction change in conduit from CEC pole to meter socket.
    - Pull strings (nylon builders string) shall be installed in conduit by Owner from pole to meter socket.
    - Member to select clear side of pole for conduit, user that does not interfere with existing utilities.
    - CEC Engineer shall be consulted for service distances greater than 300 feet from pole to meter or services larger than 320 amp or homes with greater than 4200 sq. ft. (heated & cooled) living area.
  - For service down pipes with foundation conflicts, two (2) 45° sweeps (24" min. radius) may be installed with a straight piece to avoid the conflict provided minimum burial depths are maintained and sweeps are installed entirely below ground line. The down pipe shall be flush with building while above ground line.
  - The upper end of the grounding rod shall be flush with or below finished grade unless the above ground end and the grounding rod conductor attachment are protected against physical damage per NEC 5.1. Member shall adhere to county code requirements in conjunction with the NEC.

12/20/17	Rev 10/09/2020	Esfig6 2020 dwg
Typical Residential Underground Service (320 Amp Max ) URD Service From OH Pole		
Figure 6	CLAY ELECTRIC COOPERATIVE INC KEYSTONE HEIGHTS, FLORIDA	STANDARDS FOR ELECTRIC SERVICE

1 Clay Electric Residential UG Service Diagram

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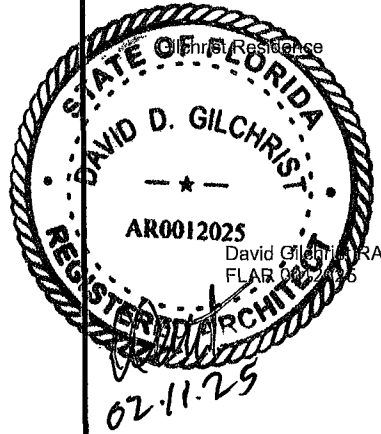
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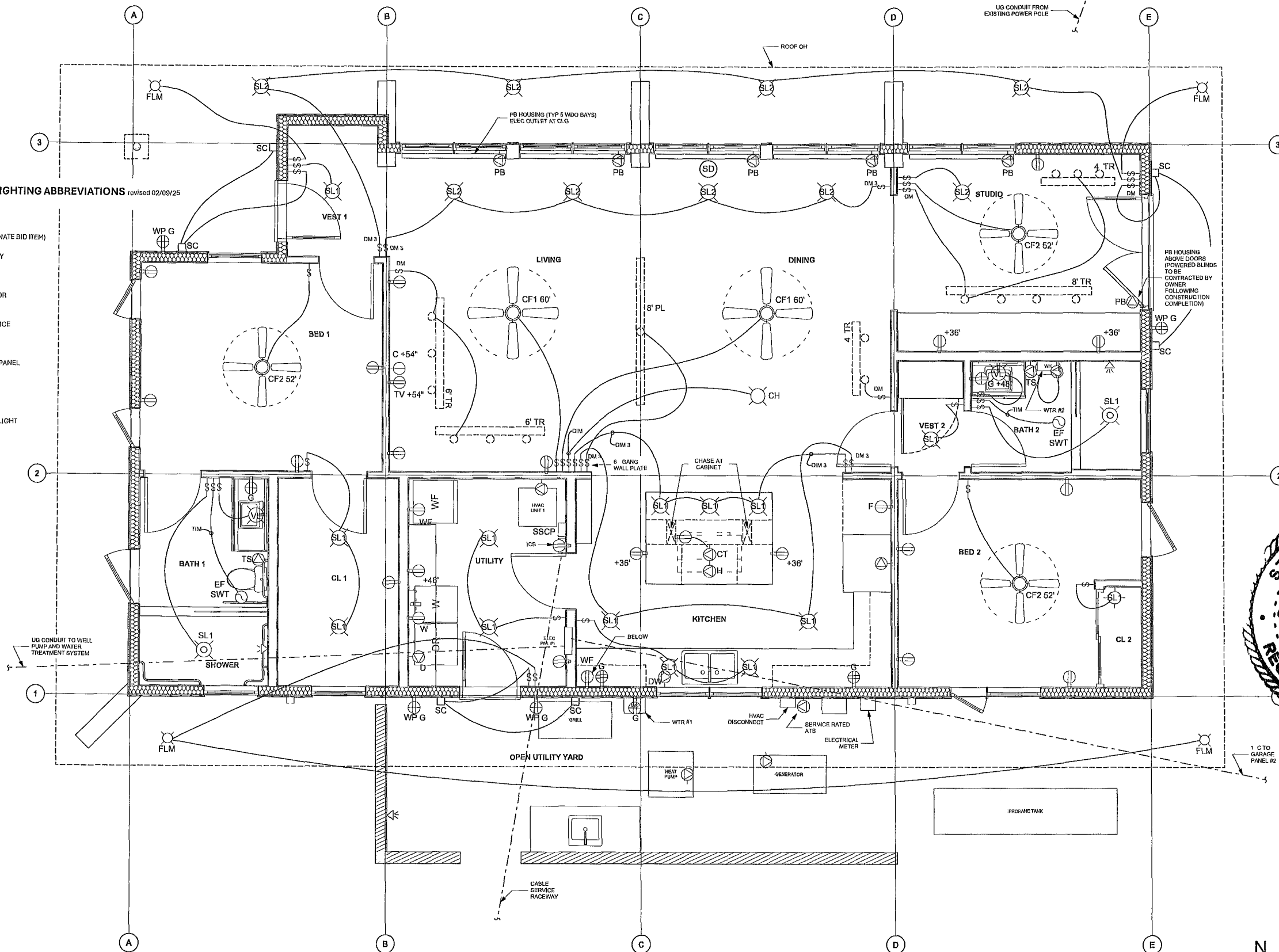
Electrical Service and  
Schedules

E.10

SHEET 29 OF 30

# ELECTRICAL AND LIGHTING ABBREVIATIONS revised 02/09/25

- BL MOTORIZED BLIND
- C CABLE OUTLET
- CH CHANDELIER
- CT GAS COOKTOP (ALTERNATE BID ITEM)
- DM DIMMER SWITCH
- DM3 DIMMER SWITCH 3-WAY
- DR DRYER
- DW DISHWASHER
- EF EXHAUST FAN
- FLM FLOOD MOTION SENSOR
- F REFRIGERATOR
- G GROUND FAULT
- ICS INTERNET/CABLE SERVICE
- PB POWER BLIND
- SC WALL SCONCE
- SD SMOKE DETECTOR
- SSCP SIMPLISAFE CONTROL PANEL
- TH THERMOSTAT
- TIM TIMER
- TR TRACK LIGHT
- TS TOILET SEAT
- TV TELEVISION MONITOR
- UC UNDERCABINET STRIP LIGHT
- W WASHER
- VL VANITY LIGHT
- WTR WATER HEATER
- WF WINE REFRIGERATOR
- WO WALL OVEN COMBO
- WP WATERPROOF



1 Power and Lighting Plan  
SCALE 3/8" = 1'-0"

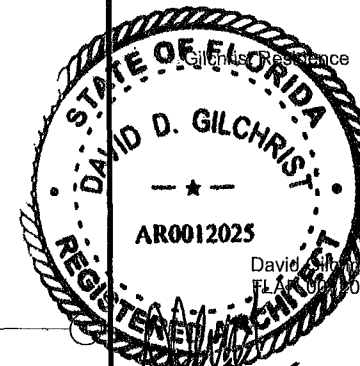
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Power and Lighting Plan

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