



ARCHITECTURAL SYMBOLS	
	DIRECTION OF CUTTING PLANE
	SECTION OR DETAIL NUMBER
	SHEET WHERE DETAIL OR SECTION IS FOUND
	DIRECTION SHOWN IN ELEVATION
	SHEET WHERE DETAIL OR ELEVATION IS FOUND
	AREA WHERE DETAIL IS TAKEN
	SHEET WHERE DETAIL IS FOUND
	DOOR OR OPENING MARK
	Floor plan
	DETAIL NUMBER
	SCALE: 1/4"=1'-0"
	SHEET WHERE DETAIL IS FOUND

INDEX OF DRAWINGS		
NO.	SHEET	CONTENT
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3	A-3	EXTERIOR ELEVATIONS
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5	F-2	ROOF SHEATHING FASTENING ZONES
6	L-M-1	POWER LIGHTING PLAN, MECHANICAL PLAN
8	P-1	PLUMBING PLAN

BUILDING AREAS	
FLOOR PLAN:	
LIVING AREAS - WALL INCLUDED	1784 SF
PORCH AREA	240 SF
GROSS BUILDING AREA	2024 SF

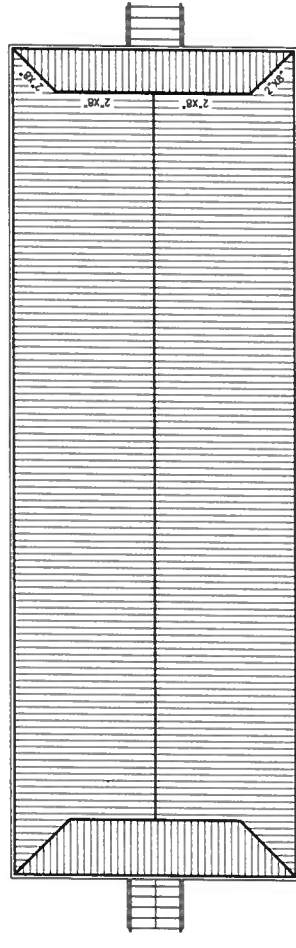
DIRECTORY	
OWNER:	ADEL SALMANIAN
PROJECT ADDRESS:	2814 SECOND ST. NEW ORLEANS, LA, 70113
LOT INFORMATION:	LOT 16 C SQ. NO. 389 FOURTH DISTRICT NEW ORLEANS, LA, ORLEANS PARISH
FLOOD ZONE:	BASE FLOOD ELEVATION = TOP OF SLAB

- ### NOTES
- DESIGN CRITERIA OBTAINED IN THE 2015 INTERNATIONAL RESIDENTIAL CODE BOOK (IRC) SHALL BE USED UNLESS OTHERWISE SPECIFIED. DESIGN CRITERIA IN R301.2.1.1 WILL FOLLOW THE AMERICAN FOREST AND PAPER ASSOCIATION (AF&PA) WOOD FRAME CONSTRUCTION MANUAL FOR ONE AND TWO-FAMILY DWELLINGS (WFCD). WITH ROOF PITCHES EXCEEDING 12/12 I WILL FOLLOW THE ASCE-7 CRITERIA DESIGNED BY AN ENGINEER (SEE DETAILS SHEET). NOT ALL SPECIFICATIONS ARE EXPRESSLY NOTED ON THE PLANS; THEREFORE, IT IS THE RESPONSIBILITY OF INDIVIDUAL BUILDERS AND/OR CONTRACTORS TO COMPLY WITH THE FOLLOWING CODES.
  - R301.2.1.2 INTERNAL PRESSURE. WINDOWS IN BUILDINGS LOCATED IN WINDBORNE DEBRIS REGIONS SHALL HAVE GLAZED OPENINGS PROTECTED FROM WINDBORNE DEBRIS OR THE BUILDING SHALL BE DESIGNED AS A PARTIALLY ENCLOSED BUILDING IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE. GLAZED OPENING PROTECTION FOR WINDBORNE DEBRIS SHALL MEET THE REQUIREMENTS OF THE LARGE MISSILE TEST OF ASTM E 1999 AND ASTM E 1886 REFERENCE THEREIN.
  - EXCEPTION: WOOD STRUCTURAL PANELS WITH A MINIMUM THICKNESS OF 7/16 IN. AND A MAXIMUM SPAN OF 8 FEET SHALL BE PERMITTED FOR OPENING PROTECTION IN ONE AND TWO-FAMILY DWELLINGS. ATTACHMENTS SHALL BE PROVIDED IN ACCORDANCE WITH TABLE R301.2.1.2 OR SHALL BE DESIGNED TO RESIST THE COMPONENTS AND CLADDING LOADS DETERMINED IN ACCORDANCE WITH THE PROVISIONS OF THE IBC. (NOTE: WINDBORNE DEBRIS PROTECTION REQUIRED TO BE SHOWN ON PLANS. ALSO TIES H1, H2 AND RSP4 FALL TO MEET THE UPLIFT REQUIREMENTS. ANCHOR BOLTS ARE REQUIRED 28" O.C.)
  - R1004.1 PREFABRICATED PREFACE SHALL BE DESIGN AND INSTALLED ACCORDING TO A UL1977 - APPROVED DESIGN. EXTERIOR AIR SUPPLY ALL EREPLACEAS SHALL BE EQUIPPED WITH AN EXTERIOR AIR SUPPLY TO INSURE PROPER FUEL COMBUSTION.
  - R1002.1 FACTORY-BUILT CHIMNEYS SHALL BE LISTED AND LABELED AND SHALL BE INSTALLED AND TERMINATED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
  - LIGHT, VENTILATION AND LIGHTING - BATHROOMS, BATHROOMS AND WATER CLOSETS, COMPARTMENTS OR SIMILAR ROOMS SHALL BE PROVIDED WITH A WINDOW NOT LESS THAN 3 SQUARE FEET WITH ONE-HALF OF WHICH MUST BE OPERABLE. WINDOW SHALL NOT BE REQUIRED IF MECHANICAL VENTILATION IS PRODUCING A CHANGE OF AIR EVERY 12 MINUTES IS PROVIDED. ALL EXHAUSTS SHALL BE VENTED DIRECTLY TO THE OUTSIDE.
  - AC RETURN AIR CHASE SHALL BE CONSTRUCTED OF ONE-HOUR RATED CONSTRUCTION.
  - R3101.1 EMERGENCY ESCAPE AND RESCUE REQUIRED. EVERY SLEEPING ROOM SHALL HAVE AT LEAST ONE OPERABLE EMERGENCY ESCAPE AND RESCUE WINDOW OR EXTERIOR DOOR OPENING FOR EMERGENCY ESCAPE AND RESCUE. WHERE OPENINGS ARE PROVIDED AS A MEANS OF ESCAPE AND RESCUE THEY SHALL HAVE A SILL HEIGHT OF NOT MORE THAN 44 INCHES ABOVE THE FLOOR.
  - R3101.1.1 ALL EGRESS OR RESCUE WINDOWS FROM SLEEPING ROOMS MUST HAVE A NET CLEAR OPENING OF 5.7 SQUARE FEET.
  - R3101.2 THE MINIMUM NET CLEAR OPENING HEIGHT SHALL BE 24 INCHES. THE MINIMUM NET CLEAR OPENING WIDTH SHALL BE 20 INCHES.
  - TERMITE PROTECTION WILL BE PROVIDED AS REQUIRED BY SEC. R318 IRC 2015 ED

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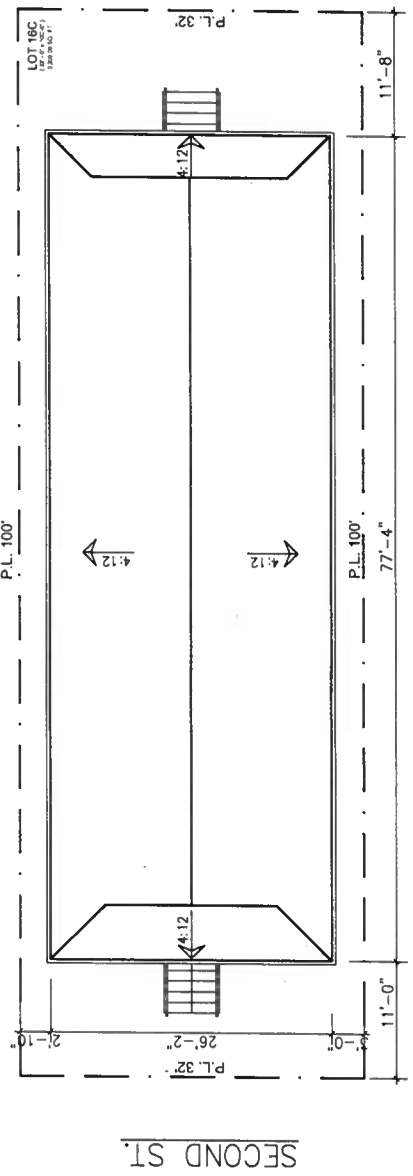
ADEL SALMANIAN  
2814 Second Street  
NEW ORLEANS, LA, 70113

A-1	1 OF 7
DATE	12/13/2021
DRAWN BY	FP
CHECKED BY	FP
PROJECT NO.	1

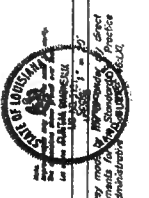
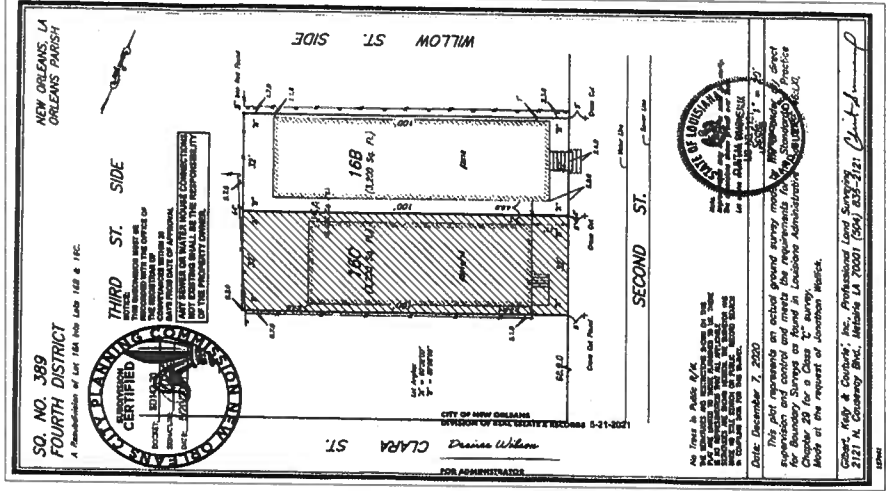


**ROOF FRAMING NOTES**  
 ROOF RAFTERS - 2" x 6" @ 24" O.C. (U.A.O. ON PLAN)  
 HIP - 2" x 8"  
 VALLEY - 2" x 8"  
 RIDGE BEAM - 2" x 10"  
 PROVIDED ATTIC VENTILATION AS REQUIRED BY SEC. R908 OF THE IRC 2015 ED.  
 ROOF FRAMING TO BE BRACED TO WALLS OR BEAMS NEAR CENTER OF SPAN

ROOF FRAMING PLAN 2  
SCALE: 1/8" = 1'-0"



SITE PLAN  
SCALE: 1/8" = 1'-0"



DATE: December 7, 2021  
 I hereby certify that I am a duly Licensed Professional Engineer in the State of Louisiana and that I am the author of the above drawings and specifications. I am not providing any services for a project that is not within the scope of my license.  
 Made at the Office of the Engineer in Charge  
 Francis Pessoa, Inc., Professional Land Surveying  
 2121 N. Gretna Blvd., Metairie, LA 70001 (504) 835-2121  
 License No. 11841-D



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A-2 2 OF 7

DATE: 11/01/10	SCALE: 1/4" = 1'-0"	PROJECT: 111111
DATE: 12/13/2011	SCALE: 1/4" = 1'-0"	PROJECT: 111111
DATE: 11/01/10	SCALE: 1/4" = 1'-0"	PROJECT: 111111

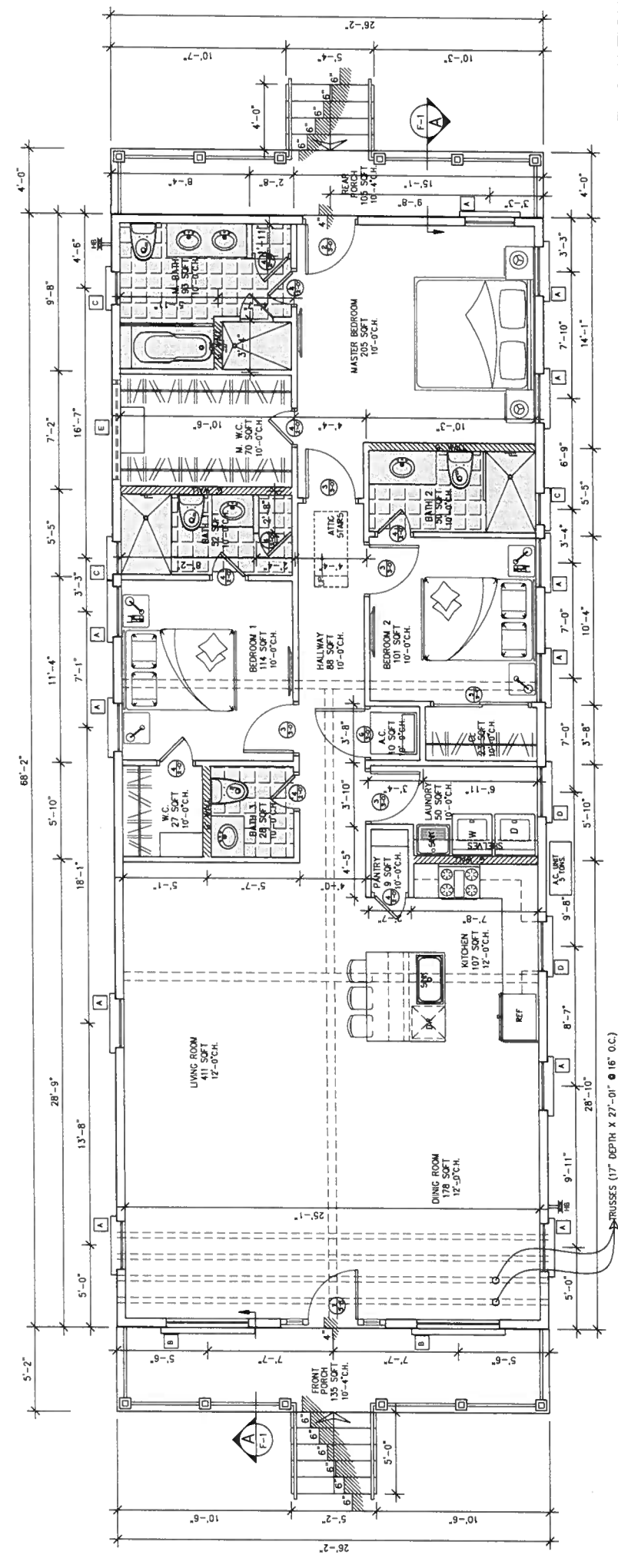
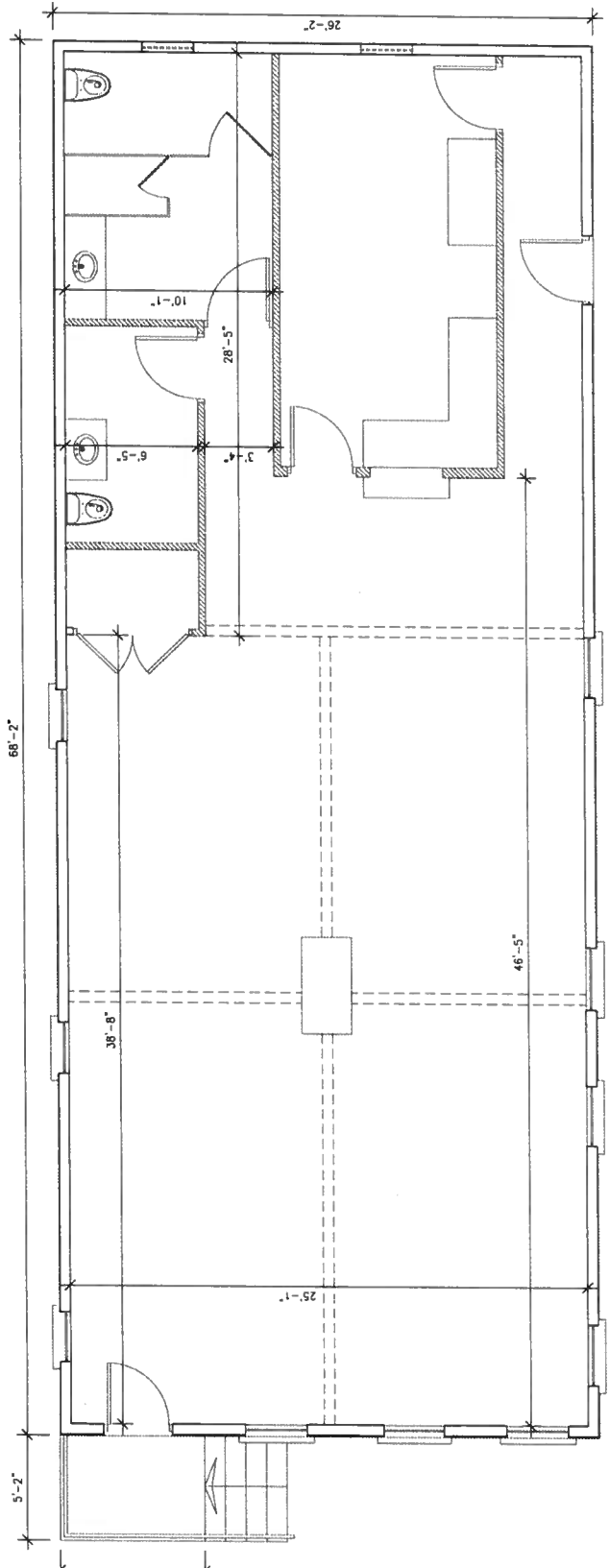
room name	floor	walls	ceiling
FRONT PORCH	TREATED WOOD	EXISTING SIDING	VINYL BEADED BRD.
LIVING ROOM	HARD WOOD	PAINTED GYPSUM BOARD	PAINTED GYP. BD.
KITCHEN	GRANITE	PAINTED GYPSUM BOARD	PAINTED GYP. BD.
LAUNDRY	CERAMIC TILE	PAINTED GYPSUM BOARD	PAINTED GYP. BD.
HALLWAY	HARD WOOD	PAINTED GYPSUM BOARD	PAINTED GYP. BD.
BATHROOM 3	CERAMIC TILE	PAINTED GYPSUM BOARD	PAINTED GYP. BD.
BATHROOM 2	CERAMIC TILE	PAINTED GYPSUM BOARD	PAINTED GYP. BD.
BATHROOM 1	HARD WOOD	PAINTED GYPSUM BOARD	PAINTED GYP. BD.
MASTER BEDROOM	HARD WOOD	PAINTED GYPSUM BOARD	PAINTED GYP. BD.
MASTER W.C.	HARD WOOD	PAINTED GYPSUM BOARD	PAINTED GYP. BD.
REAR PORCH	TREATED WOOD	EXISTING SIDING	VINYL BEADED BRD.
ATTIC	1/2" PLYWOOD	N/A	N/A
EXTERIOR WALL	N/A	EXISTING SIDING	N/A
BATHROOMS & LAUNDRY	WALL WITH WATER RESISTANCE G. B.		

mark	size	description	quantity	frame	height	width
A	3'-0" X 5'-0"	SINGLE HUNG VINYL WINDOW UNIT	1	WOOD	1'-0"	5'-0"
B	5'-0" X 6'-0"	SINGLE HUNG VINYL WINDOW UNIT AND W/ 5'-0" X 1'-0" GLASS TRANSOM (EXISTING)	2	WOOD	1'-0"	5'-0"
C	2'-0" X 4'-0"	SINGLE HUNG VINYL WINDOW UNIT	3	WOOD	4'-0"	2'-0"
D	3'-0" X 4'-0"	SINGLE HUNG VINYL WINDOW UNIT	2	WOOD	4'-0"	3'-0"
E	6'-0" X 2'-0"	TRANSOM VINYL WINDOW UNIT	1	WOOD	6'-0"	2'-0"

**NOTES:**  
 1. THE ABOVE SIZES ARE NOMINAL. VERIFY WITH WINDOW SUPPLIER TO VERIFY DIMENSIONS.  
 2. WINDOW MANUFACTURE TO VERIFY DIMENSIONS.  
 3. WINDOW MATERIAL IS TO BE INSULATED AND LOW E.  
 4. ALL GLASS TO BE INSULATED AND LOW E.

mark	size	description	quantity	frame
1	3'-0" X 7'-0"	PAIR 1'-5.5" X 7'-0" MASONITE DOORS	1	WOOD
2	3'-0" X 7'-0"	3'-0" X 7'-0" S.C. WOOD W/ 1'-0" X 2'-0" SIDE LITE ON EACH SIDE AND 5'-2" W/ 1'-0" GLASS TRANSOM	1	WOOD
3	3'-0" X 7'-0"	3'-0" X 7'-0" S.C. WOOD W/ 3'-0" X 1'-0" GLASS TRANSOM	4	WOOD
4	3'-0" X 7'-0"	4 PANEL MASONITE DOOR	9	WOOD
5	5'-9" X 7'-0"	2P-2-11.5" X 7'-0" 4 PANEL SLIDING DOOR	1	WOOD
6	3'-0" X 7'-0"	LOWER MASONITE DOORS	1	WOOD

**NOTES:**  
 1. THE ABOVE SIZES ARE NOMINAL. VERIFY WITH DOOR SUPPLIER THE ACTUAL ROUGH IN DIMENSIONS.  
 2. DOOR MATERIAL IS FOR BID ONLY. FINAL APPROVAL BY OWNER.  
 3. ALL GLASS TO BE INSULATED AND LOW E.



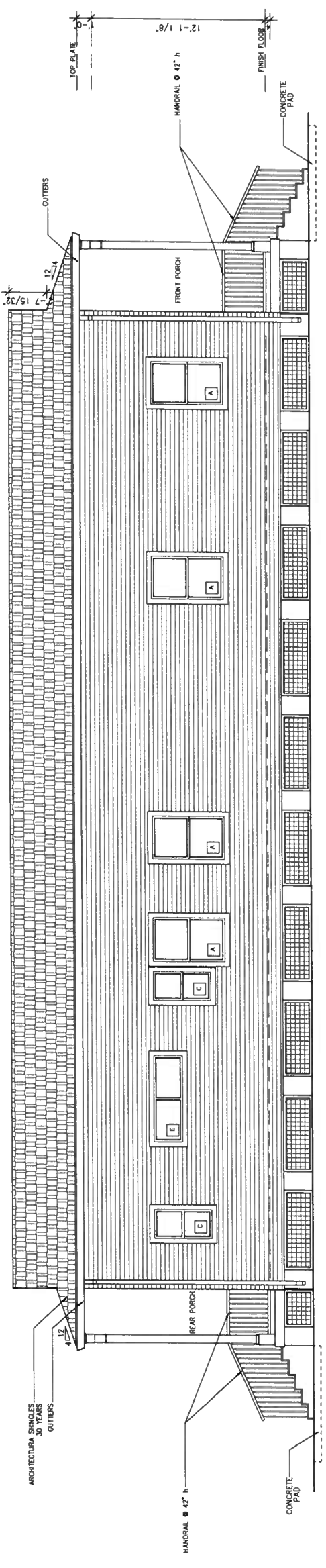
DEMOLITION FLOOR PLAN  
EXISTING FLOOR PLAN 2  
SCALE: 1/4" = 1'-0"

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

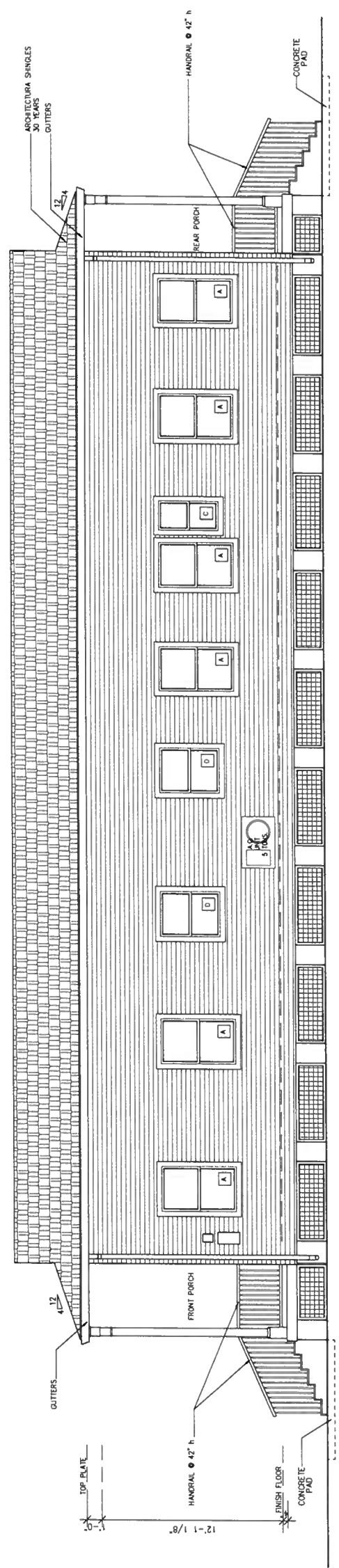
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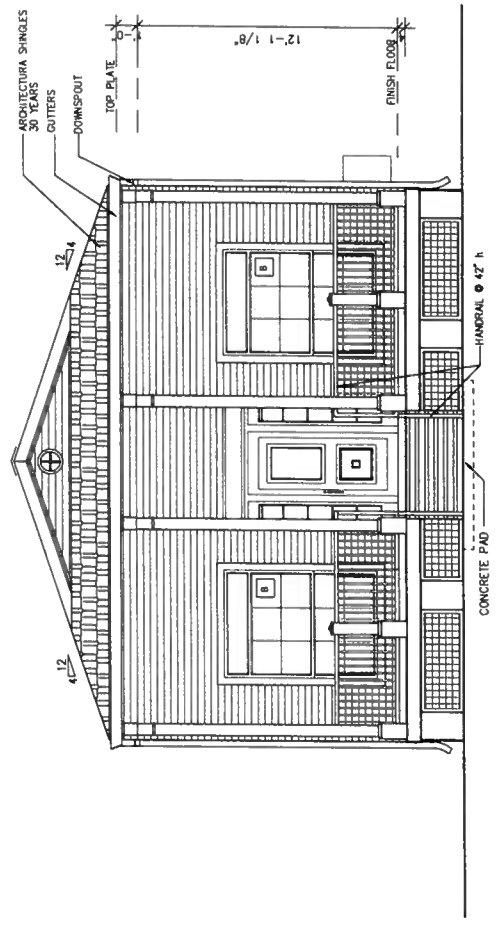
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	3 OF 7	DATE: 1/14/24	PROJECT NO: 2313/2231	DESIGNED BY: FP	PERIOD: 1P



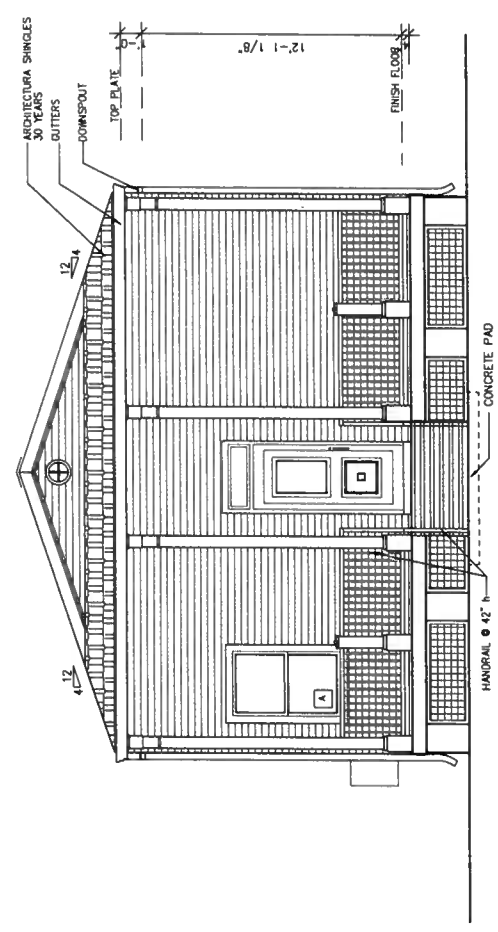
LEFT SIDE ELEVATION  
 SCALE: 1/4"=1'-0"



RIGHT SIDE ELEVATION  
 SCALE: 1/4"=1'-0"



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

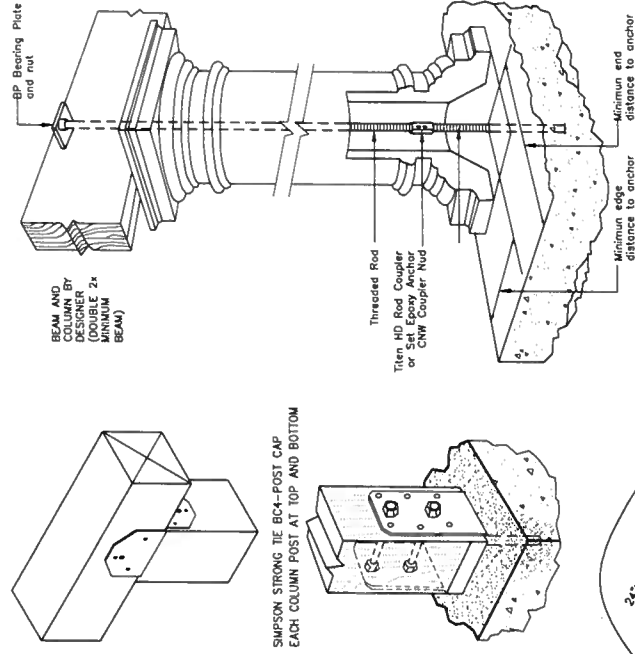


REAR ELEVATION  
 SCALE: 1/4"=1'-0"

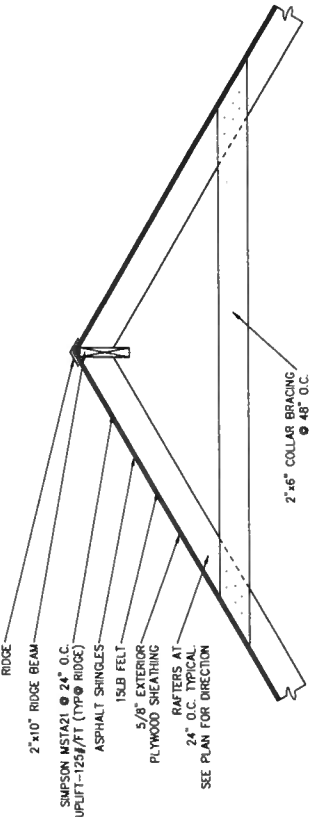
**FRAMING AND TIMBER NOTES**

- LUMBER DATA:
- FRAMING LUMBER SHALL BE KILN DRIED.
  - CEDING JOIST, ROOF RAFTERS AND ASSOCIATED FRAMING SHALL BE NO.2 SOUTHERN YELLOW PINE.
  - MODULUS OF ELASTICITY, E' IN 1,600,000 PSI = 1.6
  - USE METAL JOIST HANGERS ON ALL FLUSH FRAMED BEAMS.
  - CEDING JOIST SHALL BE COMPLETE SHEATHED IN ATTIC SPACE.
  - EXTERIOR WALL SHEATHING WILL BE A MINIMUM 1/2" CDX PLYWOOD, OR OSB
  - HEADERS SHALL BE 2-2x12 OR AS NOTED ON PLAN.
  - WOOD BEAMS WITH PLYWOOD SHALL BE GULLED AND NAILED.
  - WOOD BEAMS WITH STEEL PLATE SHALL BE BOLTED WITH 1/2" DIA. A307 GR. C STEEL BOLTS.
  - WALL BRACING SHALL BE STRUCTURAL SHEATHING PER WCM, LATEST EDITION.
  - TOP PLATES SHALL BE FACE NAILED TOGETHER AT INTERSECTIONS WITH (4)-16d COMMON NAILS
  - 2x14" BRACING ON 2x6" ROOF RAFTERS SHALL NOT EXCEED THE FOLLOWING:  
2x14" RAFTER AT 16' O.C. - 11'-3"  
2x6" RAFTER AT 24' O.C. - 9'-2"
  - WOOD CONSTRUCTION SHALL CONFORM TO THE LATEST EDITION OF THE IRC (2015). NDS, AND WCM
  - THE NUMBER AND SIZE OF NAILS FOR WOOD CONNECTIONS SHALL BE PER THE LATEST EDITION OF THE IRC (2015).
  - PARALLEL JOISTS SHALL HAVE A MINIMUM E-2000,000 PSI AND F<sub>y</sub> OF 29000 PSI
  - CONNECTORS SPECIFIED AS "SIMPSON" TYPE ARE TO BE MANUFACTURED BY SIMPSON STRONG-TIE CO. OR APPROVED EQUAL COMPLY WITH MANUFACTURER'S FASTENING PROCEDURES. IF MANUFACTURER PROVIDES AN OPTION FOR THE INSTALLATION PROCEDURE, PROVIDE THE STRONGEST CONNECTION CONNECTORS SHALL BE GALVANIZED.
  - BASE PLATES WILL BE ANCHORED AT A MAXIMUM OF 24" ON CENTER WITH A MINIMUM A307 GR. C 5/8"x10" ANCHOR BOLTS USING 3"x3"x 1/4" PLATE WASHER.
  - WINDOWS OPENINGS SHALL BE PROVIDED WITH ONE OF THE FOLLOWING: OPERABLE SHUTTERS, IMPACT RESISTANT WINDOWS.
  - ROOF SHINGLES WILL BE ATTACHED WITH THE HIGH WIND FASTENING METHOD TESTED IN ACCORDANCE WITH ASTM D3161 FOR 130 MPH WINDS. THE CONTRACTOR MUST SUBMIT A FASTENING PATTERN FROM THE SHINGLE MANUFACTURER THAT IT CERTIFIES AND CONFORMS TO ASTM D3161 FOR 130 MPH WINDS AND THE DESIGN LOADS FROM TABLE R012(2) APPLIED IN AREAS SUBJECT TO HIGH WINDS (GREATER THAN 110 MPH) WILL BE APPLIED WITH CORROSION-RESISTANT FASTENERS IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS. FASTENERS ARE TO BE APPLIED ALONG THE OVERLAP NOT FARTHER APART THAN 36" O.C.
  - FIRE BLOCKING SHALL BE INSTALLED AS PER SECTION R602.8 OF IRC 2015
  - JOIST SHALL ONLY BE NOTCHED IF NECESSARY IN STRICT ACCORDANCE WITH IRC 2015. NO EXCEPTIONS.
  - DESIGN WIND LOADS, UPHOL, EXPOSURE B, ENCLOSED STRUCTURE, I=1.0. THE OWNER SHALL COMPLY WITH THE REQUIREMENT OF AN ENCLOSED BUILDING ENVELOPE WITH ALL WINDOWS, PERSONAL DOORS AND GARAGE DOORS. IN THE EVENT THE OWNER DOESN'T COMPLY WITH THESE REQUIREMENT, THE STRUCTURE SHALL BE REDESIGNED AS A PARTIALLY ENCLOSED STRUCTURE, AT THE OWNER'S EXPENSE.
  - NAILS SHALL BE COMMON NAILS UNLESS SPECIFIED OTHERWISE. NO EXCEPTIONS UNLESS SPECIFICALLY REQUESTED IN WRITING AND APPROVED BY THE ENGINEER OF RECORD.
  - PLACE AND NAIL APA RATED PANEL ON ROOF WITH LONG DIMENSION PERPENDICULAR TO SUPPORTS, UNLESS STRENGTH AXIS OTHERWISE IDENTIFIED. EACH PIECE MUST BE CONTINUOUS OVER AT LEAST TWO SPANS. USE MINIMUM OF 24" WIDE PANELS.
  - USE "H" PANEL CUPS TO PROVIDE 1/8" SPACE IN ROOF SHEATHING AT PANEL EDGES AND ENDS UNLESS NOTED OTHERWISE BY PANEL MANUFACTURER.
  - IF ROOF SHEATHING IS CUT TO PROVIDE SPACE FOR A CONTINUOUS RIDGE VENT, ADD ADDITIONAL BLOCKING TO MAINTAIN ROOF SHEATHING NAIL SCHEDULE.
  - PROVIDE 320 SQ. FT. 3/4" PLYWOOD DECKING IN ATTIC NOT INCLUDING AC PLATFORM (VERIFY AMOUNT)
  - STRAP ALL PLATES CUT AWAY FOR PLUMBING 1 1/2" WIDE, 24 GAUGE GALVANIZED STRAPS 18" LONG, BOTH SIDES OF WALL, SPREAD TO PLATES.

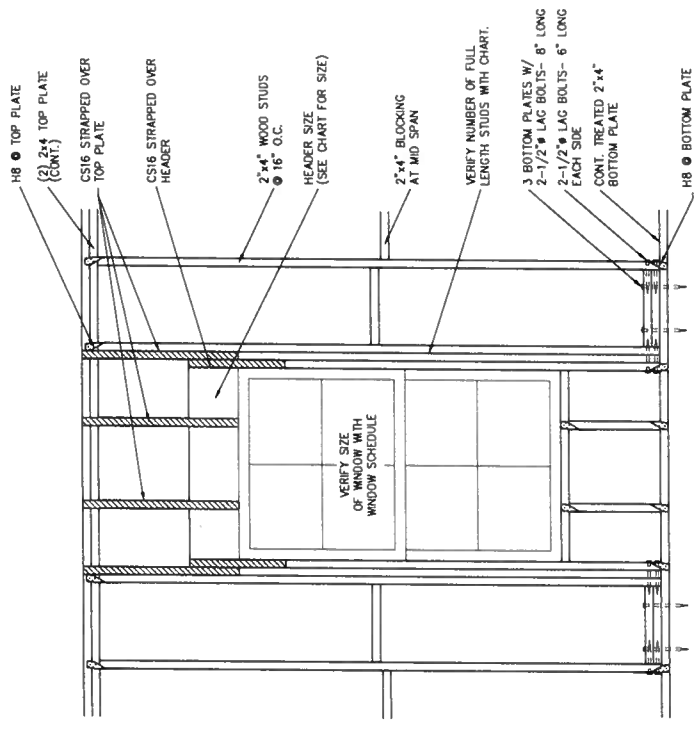
- DESIGN LOADS:
- 40 P.S.F LIVE LOAD-RESIDENTIAL
  - 12 P.S.F ROOF DEAD LOAD
  - 20 P.S.F ROOF LIVE LOAD
  - 130 MPM DESIGN WIND LOAD
  - 20 P.S.F CEILING LIVE
  - EXPOSURE CATEGORY B.



**HOLLOW COLUMN UPLIFT CONNECTIONS**  
SCALE: 3/4" = 1'-0"  
ALL ANCHOR BOLTS ARE NOT SHOWN FOR CLARITY

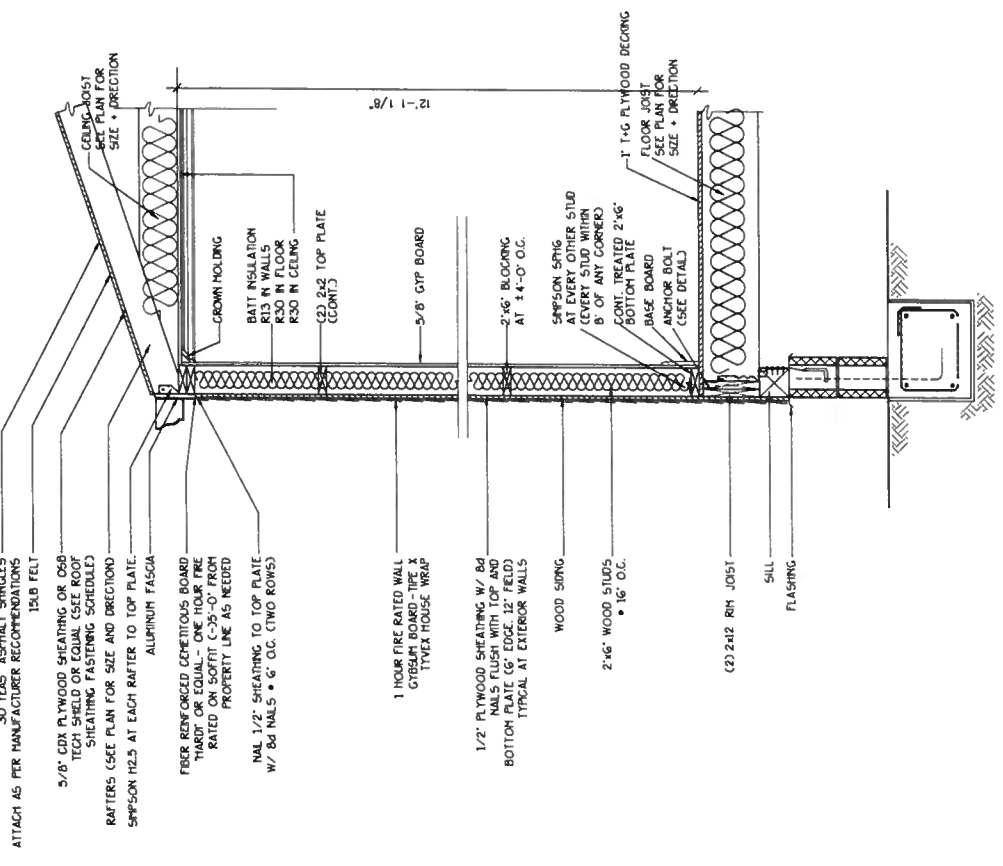
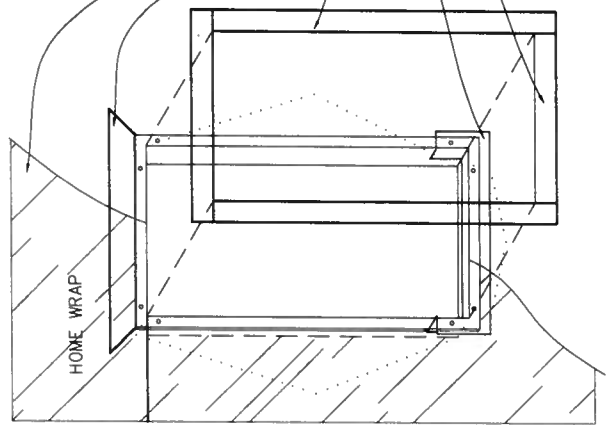


**COLLAR BRACING DETAIL**  
SCALE: 3/4" = 1'-0"



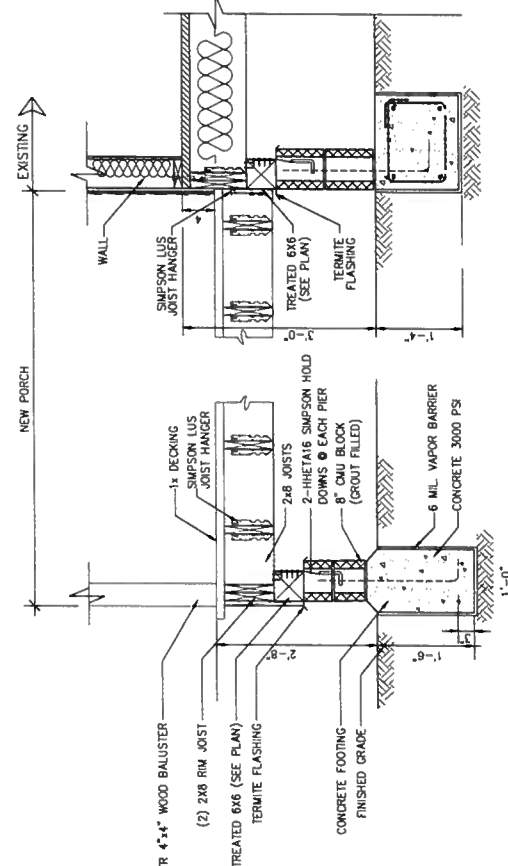
**TYP. WINDOW OPENING DETAIL**  
SCALE: 3/4" = 1'-0"

- GENERAL DOORS & WINDOW NOTES:
- ALL DOORS AND WINDOWS TO BE INSTALLED PER MANUFACTURER'S INSTRUCTIONS & RECOMMENDATIONS. WHERE ARCHITECT'S RECOMMENDATIONS CONTRADICT MANUFACTURER'S INSTRUCTIONS, CONTRACTOR SHALL PREVAIL + CONTRACTOR IS TO CORRECTIVE THESE DISCREPANCIES AT HIS OWNERS RISK.
  - WINDOWS & DOORS TO BE SET IN PENETRATION, ALL DOORS AND WINDOWS TO BE SET IN SALICONE CAULK OR PER MANUFACTURER'S INSTRUCTIONS
  - WHEN INSULATION BOARD OR OTHER COMPRESSIBLE SHEATHING MATERIAL IS USED--PROVIDE SOLID BLOCKING FOR FN ATTACHMENT.
  - WINDOWS + DOORS TO BE WRAPPED W/ TYVEK HOUSE WRAP OR EQUAL ON ALL SIDES OF ROUGH OPENING CORNERS TO PREVENT MOISTURE PENETRATION.
  - CUT 2" LONG SLICES ALONG BOTH SIDES OF HEADER AT 45° --FLAP OVER WINDOW ASSEMBLY AND TAPE W/ 5/8" SEAL.
  - INSTALL NAILING FINIS ON TOP OF TYVEK WRAP TAPE ALL SIDES OF FN WITH HOME WRAP TAPE OVERLAPPING TO PREVENT ANY EXPOSURE TO MOISTURE.
  - WRAP SILL WITH SELF ADHERING TAPE OVER HOME WRAP FORM. THEN TAPE SIDES AND TOP OF FN LAPPING AS SHOWN.
  - PROVIDE TAPE AT BOTTOM FN ONLY IF BOTTOM SILL ALLOWS MOISTURE TO WEEP OUT FROM WINDOW SYSTEM
  - PROVIDE MEMBRANE FLASHING + HEAD + SILL BETWEEN HOME WRAP + FINISH WALL SYSTEM IN WINDOW OVER LAP JOINTS FOR PROTECTION AGAINST MOISTURE FLASHING TO PREVENT MOISTURE PENETRATION BETWEEN WINDOW OPENINGS.



**TYPICAL WALL SECTION**  
SCALE: 3/4" = 1'-0"

NOTE:  
F SHEATHING APPLIED HORIZONTALLY.  
BLOCK UNSUPPORTED EDGES.

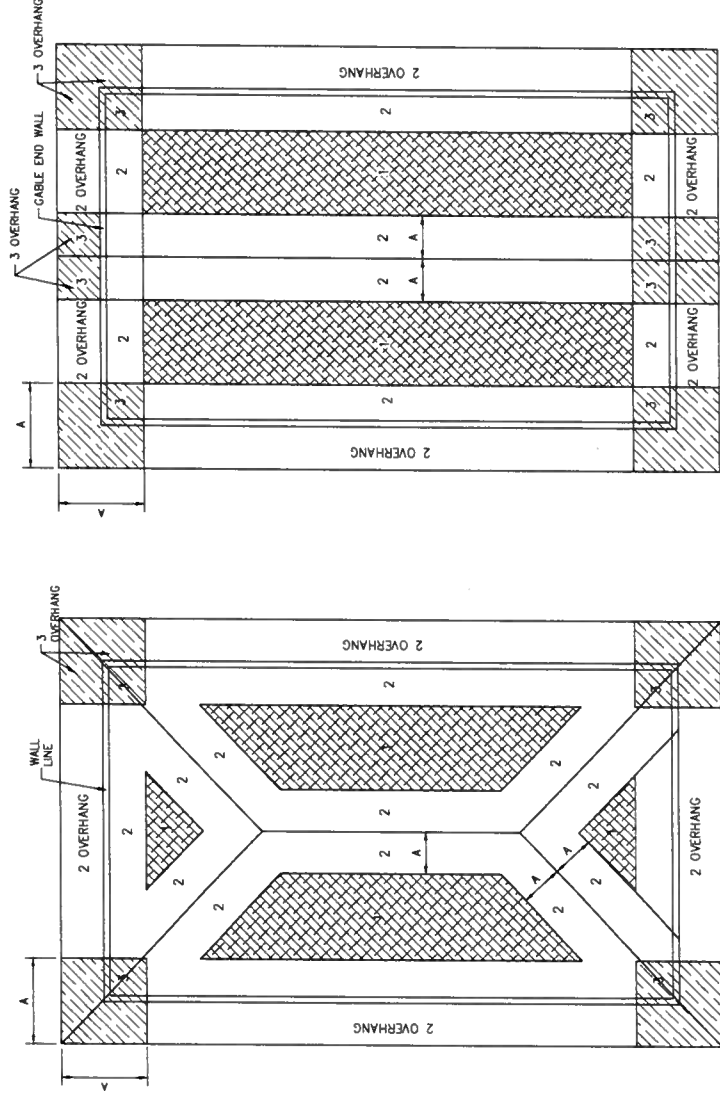


**(DETAIL A3) PORCH SECTION**  
SCALE: 3/4" = 1'-0"

**ROOF SHEATHING FASTENING SCHEDULE**

80 COMMON (0.131X 2F) OR RING SHANK (0.135X2F)  
EXCEPT WHERE NOTED, EXPOSURE B, ENCLOSED BUILDING, ROOF FRAMING  
SPACED 24" OR LESS

WIND VELOCITY (3 SEC. GUST)	ROOF FASTENING ZONE					
	MAIN ROOF		SHEATHING TO CABLE END WALL FRAMING		OVERHANG (EAVES)	
	1	2	3	2	3	2
150 MPH	FASTENING SCHEDULE (INCHES TO CENTER)					
	SUPPORTED PANEL END AND EDGES		3 (100 RING SHANK)		6 6	
120 MPH	SUPPORTED PANEL END AND EDGES		3		4 3	
	PANEL FIELD		3		6 6	
	PANEL FIELD		3		6 4	



DISTANCE "A" = 4 FEET IN MOST CASES, (OR OF LEAST BUILDING WIDTH OR  
OF LEAST BUILDING WIDTH OR 3 FEET.

**ROOF UNDERLAYMENT APPLICATION**

FOR ROOF SLOPES FROM TWO UNITS VERTICAL IN 12 UNITS HORIZONTAL (17% SLOPE), UP TO  
FOUR UNITS VERTICAL IN 12 UNITS HORIZONTAL (33% SLOPE), UNDERLAYMENT SHALL BE TWO  
LAYERS APPLIED IN THE FOLLOWING MANNER:  
APPLY A 10" STRIP OF UNDERLAYMENT FELT PARALLEL WITH AND STARTING AT THE EAVES,  
FASTENED SUFFICIENTLY TO HOLD IN PLACE, STARTING AT THE EAVE, APPLY 36" WIDE  
SHEETS OF UNDERLAYMENT, OVERLAPPING SUCCESSIVE SHEETS 18", AND FASTENED  
SUFFICIENTLY TO HOLD IN PLACE.

**ROOF UNDERLAYMENT APPLICATION**

FOR ROOF SLOPES OF FOUR UNITS VERTICAL (33% SLOPE), OR GREATER, UNDERLAYMENT  
SHALL BE ONE LAYER APPLIED SINGLE FASHION, PARALLEL TO AND STARTING FROM  
THE EAVE AND LAPPED 2". FASTENED SUFFICIENTLY TO HOLD IN PLACE. END LAPS  
SHALL BE OFFSET BY 6".

**WALL ASSEMBLY TO FOUNDATION:**

FIRST FLOOR WALL STUDS SHALL BE CONNECTED TO THE FOUNDATION. SILL  
PLATE OR BOTTOM PLATE A MINIMUM OF A 1 1/4" x 20 GA. ASTM A653 GRADE  
33 STEEL STRAP SHALL BE NAILED TO THE WALL STUDS AND HAVE A MINIMUM  
EMBLEMENT OF 7" IN CONCRETE FOUNDATIONS AND SLABS-ON-GRADE. 3" IN  
MASONRY BLOCK FOUNDATIONS, OR BE LAPPED UNDER THE BOTTOM PLATE. 3"  
SQUARE WASHERS SHALL BE USED ON ALL MASONRY BLOCK FOUNDATIONS. STEEL STRAPS EMBEDDED OR  
IN CONTACT WITH SLAB-ON-GRADE OR MASONRY BLOCK FOUNDATIONS SHALL  
BE HOT DIPPED GALV. AFTER FABRICATION, OR MFG. FROM G185 OR 2450 GALV.  
SIL. CONNECTIONS SHALL BE IN ACCORDANCE WITH TABLE.

**THERMAL COMPONENT CRITERIA  
(U-FACTOR AND R-VALUE)**

MAX. GLAZING U-FACTOR	MINIMUM INSULATION R-VALUE				FASTENER SPACING				
	CEILINGS	WALLS	FLOORS	BASEMENT WALLS	CRAM. SPACE WALLS	FASTENER TYPE	PANEL SPAN < 4 FT.	4 FT. PANEL SPAN < 6 FT.	6 FT. PANEL SPAN < 8 FT.
.75	R-26	R-13	R-11	R-5	R-5	2 1/2" #8 WOOD SCREWS	16"	12"	9"
						2 1/2" #8 WOOD SCREWS	16"	16"	12"

WINDOWS IN BUILDINGS LOCATED IN WINDBORNE DEBRIS REGIONS SHALL HAVE GLAZED  
OPENING PROTECTED FROM WINDBORNE DEBRIS. WOOD STRUCTURAL WITH A MIN.  
THICKNESS OF 7/16" AND A MAX. SPAN OF 8' SHALL BE PERMITTED FOR OPENING  
PROTECTION. ALL WINDOW AND DOOR SILLINGS SHALL BE PRECUT TO COVER THE  
GLAZED OPENINGS WITH ATTACHMENT HARDWARE PROVIDED.

**WINDBORNE DEBRIS PROTECTION FASTENING  
SCHEDULE FOR WOOD STRUCTURAL PANELS**

MAX. GLAZING U-FACTOR	MINIMUM INSULATION R-VALUE				FASTENER SPACING				
	CEILINGS	WALLS	FLOORS	BASEMENT WALLS	CRAM. SPACE WALLS	FASTENER TYPE	PANEL SPAN < 4 FT.	4 FT. PANEL SPAN < 6 FT.	6 FT. PANEL SPAN < 8 FT.
.75	R-26	R-13	R-11	R-5	R-5	2 1/2" #8 WOOD SCREWS	16"	12"	9"
						2 1/2" #8 WOOD SCREWS	16"	16"	12"

WINDOWS IN BUILDINGS LOCATED IN WINDBORNE DEBRIS REGIONS SHALL HAVE GLAZED  
OPENING PROTECTED FROM WINDBORNE DEBRIS. WOOD STRUCTURAL WITH A MIN.  
THICKNESS OF 7/16" AND A MAX. SPAN OF 8' SHALL BE PERMITTED FOR OPENING  
PROTECTION. ALL WINDOW AND DOOR SILLINGS SHALL BE PRECUT TO COVER THE  
GLAZED OPENINGS WITH ATTACHMENT HARDWARE PROVIDED.

**HEADER SPANS - EXPOSURE B FOR  
NON LOAD BEARING WALLS**

SPAN	MIN. HEADER SIZE	NO. FULL HT STUDS REQ. @ EA. END	UPLIFT #	LATERAL #
2'-0"	1-2x4 FLAT	1	60	157
3'-0"	1-2x4 FLAT	2	90	236
4'-0"	1-2x4 FLAT	2	120	314
5'-0"	1-2x4 FLAT	3	150	393
6'-0"	1-2x6 FLAT	3	180	471
7'-0"	1-2x6 FLAT	3	210	550
8'-0"	2-2x6 FLAT	3	240	628
9'-0"	2-2x6 FLAT	3	270	707
10'-0"	2-2x6 FLAT	4	300	785
11'-0"	2-2x6 FLAT	4	330	864

**HEADER SPANS - EXPOSURE B OR LOAD BEARING  
WALLS (CEILING, ROOF, EXTERIOR, ETC.)**

SPAN	HEADER SIZE	NO. FULL HT STUDS REQ. @ EA. END	UPLIFT (LB.)	LATERAL (LB.)
2'-0"	2-2x4	1	364	157
3'-0"	2-2x4	2	546	236
4'-0"	2-2x4	2	728	314
5'-0"	2-2x6	3	910	393
6'-0"	2-2x6	3	1092	471
7'-0"	2-2x10	3	1274	550
8'-0"	3-2x6	3	1456	628
9'-0"	3-2x12	3	1638	707
10'-0"	4-2x12	4	1820	785

**SCHEDULE OF STRUCTURAL CONNECTORS**

CONNECTOR	STRUCTURAL CONNECTIONS		FASTENERS		ALLOWABLE LOADS	ACTUAL LOADS
	WALL STUD TO TOP PLATE	WALL STUD TO BOTTOM PLATE	NO. FULL HT STUDS REQ. @ EA. END	UPLIFT (LB.)		
SIMPSON SD7	WALL STUD TO TOP PLATE	WALL STUD TO BOTTOM PLATE	SP2 12-104	890	890	707
SIMPSON SD7	WALL STUD TO TOP PLATE	WALL STUD TO BOTTOM PLATE	10-104	585	585	475
SIMPSON SD7A	HOLD DOWN AT OPENINGS AND SHEARWALLS	5/8" ANCHOR BOLT W/ 2-5/8" MACHINE BOLTS.	2775	2775	2775	0
SIMPSON SD7A	HOLD DOWN AT OPENINGS AND SHEARWALLS	12-84 (1 1/2")	670	670	670	630
SIMPSON SD7A	FLOOR TO FLOOR	24-104 (1 1/2")	1640	1640	1640	630
SIMPSON SD7A	RATIER TO TOP PLATE	10-86 (1 1/2")	600	600	600	550
SIMPSON SD7A	RATIER TO TOP PLATE/STUD	14-104 (1 1/2")	1140	1140	1140	0
SIMPSON SD7A	HEADER TO HEADER STUD	14-104 (1 1/2")	1140	1140	1140	0
SIMPSON SD7A	GABLE RAKE TO WALL STUD TO PLATE	12-84 (1 1/2")	345	345	345	2102
SIMPSON SD7A	SILL PLATE TO CONCRETE FOUNDATION	5/8" ANCHOR BOLT 9" MIN. EMBEDMENT	2310	2310	2310	2102
SIMPSON SD7A	WOOD COLUMN HOLD DOWN	14-SIMPSON S05 1/4"x2" SCREWS	5710	5710	5710	5710
SIMPSON SD7A	WOOD COLUMN TO BEAM	30-SIMPSON S05 1/4"x2 1/2" SCREWS	5955	5955	5955	5955
SIMPSON SD7A	WOOD COLUMN TO BEAM AT CORNER	6-5/8" MACHINE BOLT WITH NUT AND WASHER	740	740	740	740

**ROOF ASSEMBLY TO WALL ASSEMBLY:**

UPLET CONNECTIONS SHALL BE FROM RAFTER OR TRUSS TO WALL STUD. WHEN  
RAFTERS OR TRUSSES ARE NOT LOCATED DIRECTLY ABOVE STUDS, RAFTERS  
SHALL BE ATTACHED TO THE WALL PLATE AND THE WALL TOP PLATE SHALL BE  
ATTACHED TO THE WALL STUD WITH UPLIFT CONNECTIONS. UPLIFT CONNECTIONS  
SHALL BE IN ACCORDANCE WITH TABLE.

**WALL ASSEMBLY TO WALL ASSEMBLY:**

STORY TO STORY UPLIFT CONNECTIONS FROM UPPER STORY WALL STUD TO  
LOWER STORY WALL STUD. WHEN UPPER STORY WALL STUDS ARE NOT LOCATED  
DIRECTLY ABOVE LOWER WALL STUDS, THE STUDS SHALL BE ATTACHED TO A  
COMMON UPLIFT CONNECTION. UPLIFT CONNECTIONS SHALL BE IN ACCORDANCE WITH TABLE.

**HOLD-DOWNS**

HOLD-DOWNS ARE REQUIRED AT THE END OF EACH CEMENTED SHEARWALL  
SEGMENT OR AT THE END OF A PERFORATED SHEARWALL. WHEN FULL  
HEIGHT SHEARWALL SEGMENTS MEET AT A CORNER, A SINGLE HOLD DOWN  
SHALL BE PERMITTED TO BE USED TO RESIST THE OVERTURNING FORCES IN  
BOTH DIRECTIONS WHEN THE CORNER FRAMING IN THE ADJOINING WALL IS  
FASTENED TOGETHER TO TRANSFER THE UPLIFT LOAD. SEE TYPICAL HOLD  
DOWN DETAIL.

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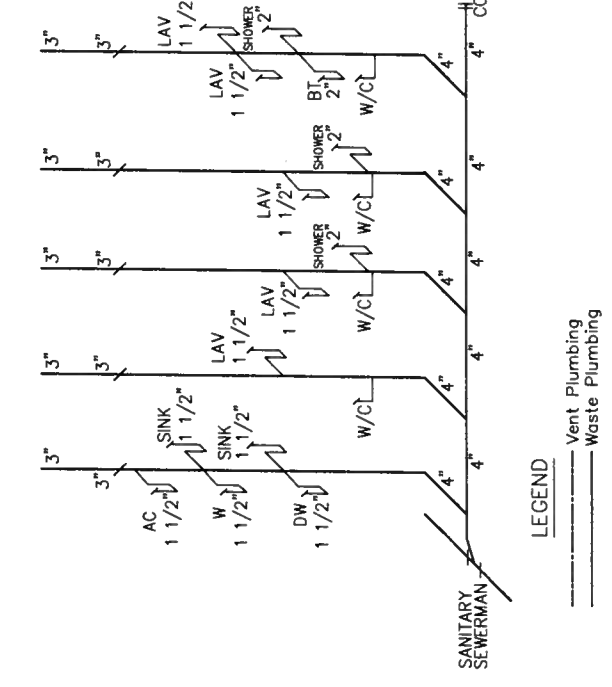


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P-1 7 OF 7

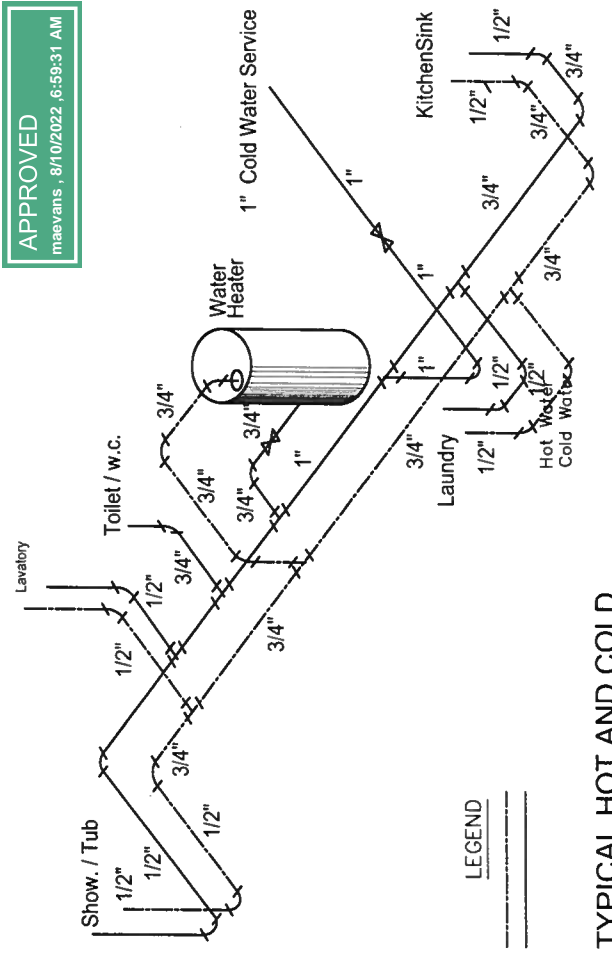
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PROJECT NO.	1/A41-CO	DESCRIPTION	PP
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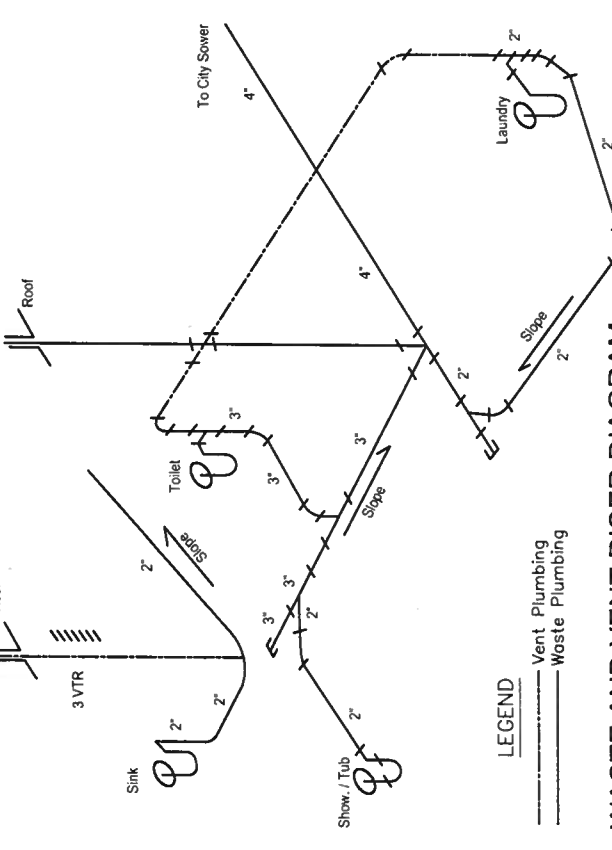
**WASTE AND VENT RISER DIAGRAM**

**PLUMBING NOTES**

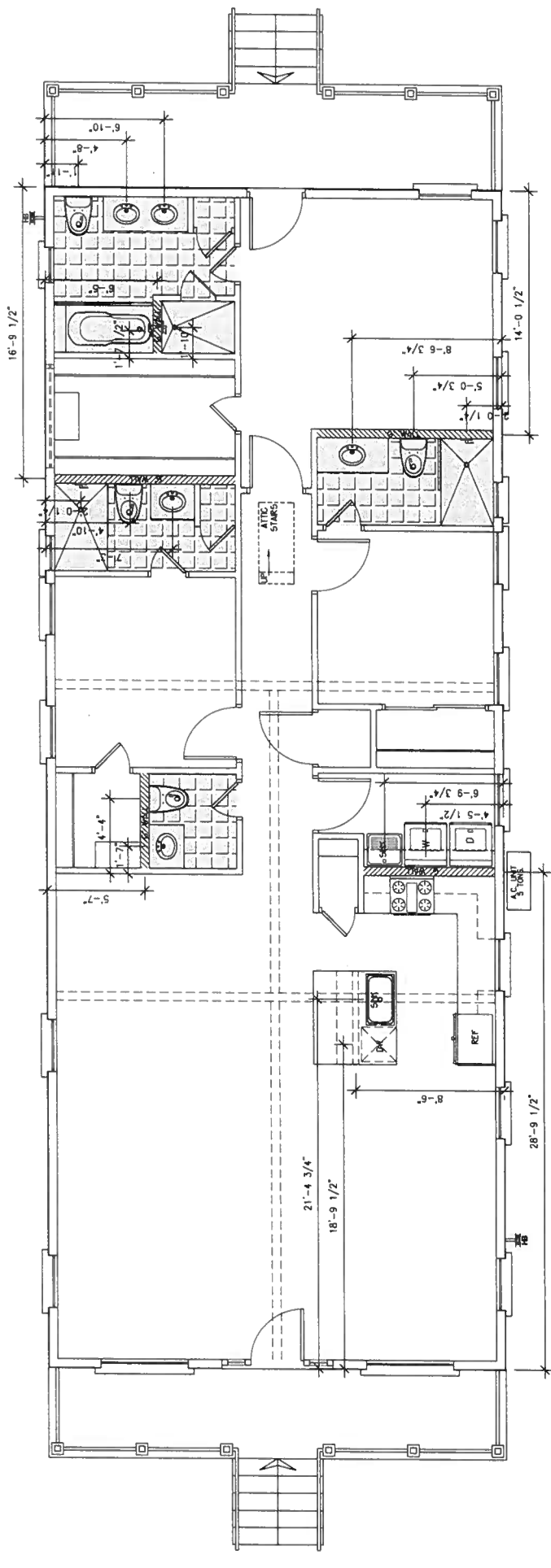
1. USE SCHEDULE 40 PVC FOR ALL UNDER SLAB SEWER LINES.
2. ROUTE ALL VENTS ON BACK SIDE OF ROOF RIDGES.
3. USE 1" COPPER TUBING FOR ALL PRIMARY WATER LINES AND 3/4" OR 1/2" FOR ALL SECONDARY LINES.
4. INSTALL HOSE EBBS PER LOCATIONS ON SHEET M-1.
5. SUPPLY TANK WATER HEATER, 75 GAL. LOCATED IN ATTIC, GAS
6. SUPPLY ONE 4" CLEANOUT IN THE REAR YARD OUT OF THE MAIN PATH OF TRAVEL.
7. SUPPLY ONE 4" CHECK VALVE LOCATED BETWEEN THE SEWER MAIN AND FRONT PLANE OF THE HOME.



**TYPICAL HOT AND COLD WATER RISER DIAGRAM**



**WASTE AND VENT RISER DIAGRAM**



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



APPROVED  
 maevians, 8/10/2022, 6:59:31 AM



### ARCHITECTURAL SYMBOLS

	DIRECTION OF CUTTING PLANE SECTION OR DETAIL NUMBER SHEET WHERE DETAIL OR SECTION IS FOUND
	DIRECTION SHOWN IN ELEVATION SECTION OR DETAIL NUMBER SHEET WHERE DETAIL OR ELEVATION IS FOUND
	AREA WHERE DETAIL IS TAKEN SHEET WHERE DETAIL IS FOUND
	DOOR OR OPENING MARK SHEET WHERE DETAIL IS FOUND
	FLOOR PLAN DETAIL NUMBER SCALE: 1/4"=1'-0" SHEET WHERE DETAIL IS FOUND

### INDEX OF DRAWINGS

NO.	SHEET	CONTENT
1	A-1	PROJECT INFORMATION SHEET, SITE SURVEY, SITE AND ROOF FRAMING PLAN, FLOOR PLAN, DEMOLITION PLAN, FINISH SCHEDULES
2	A-2	EXTERIOR ELEVATIONS
3	A-3	WALL SECTION, WINDOW OPENING DETAIL, COLLAR BRACING DETAIL & ANCHOR BOLT
4	F-1	ROOF SHEATHING FASTENING ZONES
5	F-2	POWER LIGHTING PLAN
6	L-M-1	MECHANICAL PLAN
8	P-1	PLUMBING PLAN

### BUILDING AREAS

FLOOR PLAN:	2495 SF
LIVING AREAS - WALL INCLUDED	2273 SF
PORCH AREA	222 SF
GROSS BUILDING AREA	2495 SF

### DIRECTORY

**OWNER:**  
ADEL SALMANIAN

### PLAN REVIEW DATA

**PROJECT ADDRESS:**  
2818 SECOND ST.  
NEW ORLEANS, LA, 70113

**LOT INFORMATION:**  
LOT 16 C  
SQ. NO. 389,  
FOURTH DISTRICT  
NEW ORLEANS, LA, ORLEANS PARISH

**FLOOD ZONE:**  
BASE FLOOD ELEVATION =  
TOP OS SLAB

### NOTES

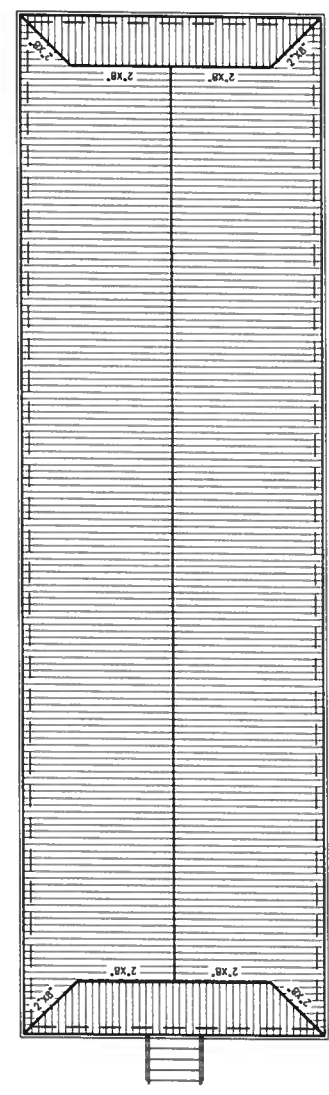
- DESIGN CRITERIA OUTLINED IN THE 2015 INTERNATIONAL RESIDENTIAL CODE FOR ONE AND TWO FAMILY DWELLINGS AS REQUIRED FOR AREAS WHERE BASIC WIND SPEEDS EQUAL OR EXCEED 130 MPH, AS FOR DESIGN CRITERIA IN R301.2.1.1, I WILL FOLLOW THE AMERICAN FOREST AND PAPER ASSOCIATION (AF&PA) WOOD FRAME CONSTRUCTION MANUAL FOR ONE AND TWO-FAMILY DWELLINGS (WFOM) WITH ROOF PITCHES EXCEEDING 12/12 I WILL FOLLOW THE ASCE-7 CRITERIA DESIGNED BY AN ENGINEER (SEE DETAILS SHEET 17) RESPONSIBILITY OF INDIVIDUAL BUILDERS AND/OR CONTRACTORS TO COMPLY WITH THE FOLLOWING CODES.
- R301.2.1.2 INTERNAL PRESSURE. WINDOWS IN BUILDINGS LOCATED IN WINDBORNE DEBRIS REGIONS SHALL HAVE GLAZED OPENINGS PROTECTED FROM WINDBORNE DEBRIS OR THE BUILDING SHALL BE CONSTRUCTED TO RESIST THE IMPACT OF WINDBORNE DEBRIS WITH THE INTERNATIONAL BUILDING CODE. A GLAZED OPENING PROTECTION FOR WINDBORNE DEBRIS SHALL MEET THE REQUIREMENTS OF THE LARGE MISSILE TEST OF ASTM E 1986 AND ASTM E 1886 REFERENCE THEREIN.
- EXCEPTION. WOOD STRUCTURAL PANELS WITH A MINIMUM THICKNESS OF 7/16 IN. AND A MAXIMUM SPAN OF 8 FEET SHALL BE PERMITTED FOR OPENING PROTECTION IN ONE AND TWO-STORY BUILDINGS. PANELS SHALL BE PRECUT TO COVER THE GLAZED OPENINGS WITH ATTACHMENT HARDWARE PROVIDED. ATTACHMENTS SHALL BE PROVIDED IN ACCORDANCE WITH TABLE R301.2.1.2 OR SHALL BE DESIGNED TO RESIST THE COMPONENTS AND CLADDING LOADS DESCRIBED IN TABLE R301.2.1.2. THE PANELS SHALL BE PRECUT TO COVER THE GLAZED OPENINGS AND SHALL BE DESIGNED TO RESIST THE COMPONENTS AND CLADDING LOADS DESCRIBED IN TABLE R301.2.1.2. ALSO THE 1/4" X 1/4" AND RSP4 PALS TO MEET THE UPLIFT REQUIREMENTS, ANCHOR BOLTS ARE REQUIRED 28" O.C.
- R1004.1 PREFABRICATED FIREPLACE SHALL BE DESIGN AND INSTALLED ACCORDING TO A UL127 -APPROVED DESIGN. EXTERIOR AIR SUPPLY ALL FIREPLACES SHALL BE EQUIPPED WITH AN EXTERIOR AIR SUPPLY TO INSURE PROPER FUEL COMBUSTION.
- R1002.1 FACTORY-BUILT CHIMNEYS SHALL BE LISTED AND LABELED AND SHALL BE INSTALLED AND TERMINATED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- LIGHT, VENTILATION AND HEATING - BATHROOMS  
ALL BATHROOMS AND WATER CLOSET COMPARTMENTS OR SIMILAR ROOMS SHALL BE PROVIDED WITH A WINDOW NOT LESS THAN 3 SQUARE FEET WITH ONE-HALF OF WHICH MUST BE OPERABLE. WINDOW SHALL NOT BE REQUIRED IF MECHANICAL VENTILATION IS PROVIDING A FRESH AIR SUPPLY EVERY 12 MINUTES IS PROVIDED. ALL EXHAUSTS SHALL BE VENTED DIRECTLY TO THE OUTSIDE.
- AC RETURN AIR CHASE SHALL BE CONSTRUCTED OF ONE-HOUR RATED CONSTRUCTION.
- R3101 EMERGENCY ESCAPE AND RESCUE REQUIRED. EVERY SLEEPING ROOM SHALL HAVE AT LEAST ONE EMERGENCY ESCAPE AND RESCUE WINDOW. EMERGENCY ESCAPE AND RESCUE WINDOWS SHALL BE PROVIDED AS MEANS OF ESCAPE AND RESCUE. THEY SHALL HAVE A SILL HEIGHT OF NOT MORE THAN 44 INCHES ABOVE THE FLOOR.
- R3101.1 ALL EGRESS OR RESCUE WINDOWS FROM SLEEPING ROOMS MUST HAVE A NET CLEAR OPENING OF 5.7 SQUARE FEET.
- R3101.2 THE MINIMUM NET CLEAR OPENING HEIGHT SHALL BE 24 INCHES. THE MINIMUM NET CLEAR OPENING WIDTH SHALL BE 20 INCHES.
- TERMITE PROTECTION WILL BE PROVIDED AS REQUIRED BY SEC. R318 IRC 2015 ED

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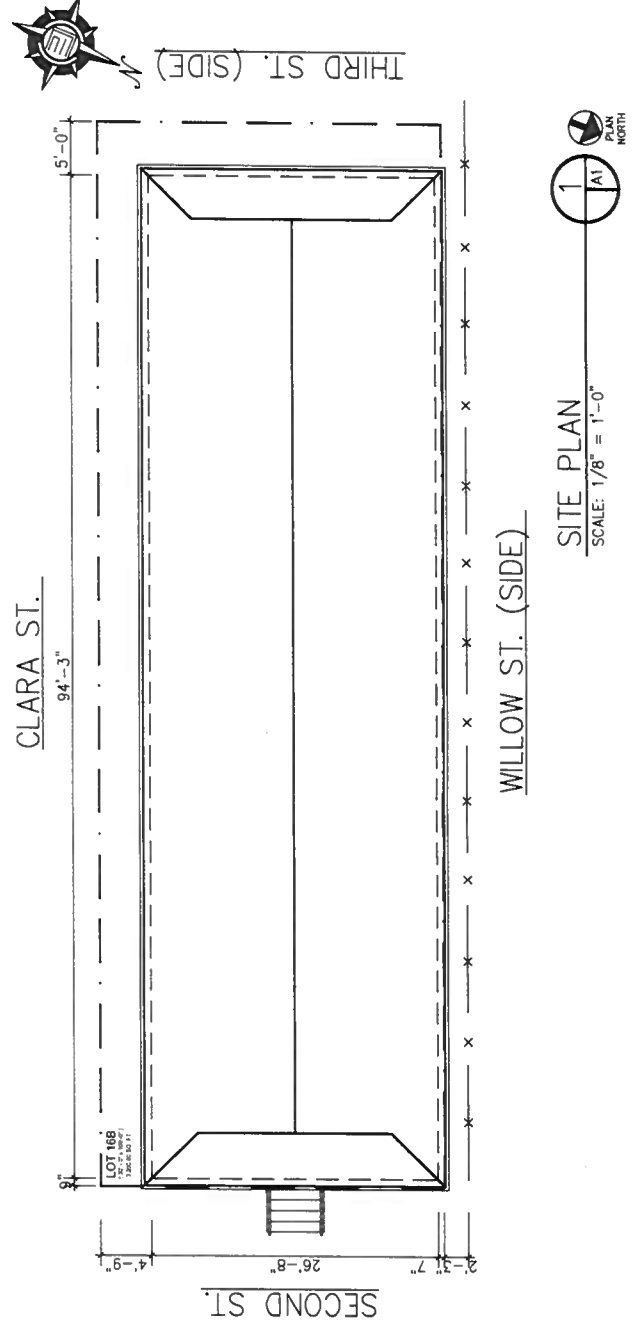
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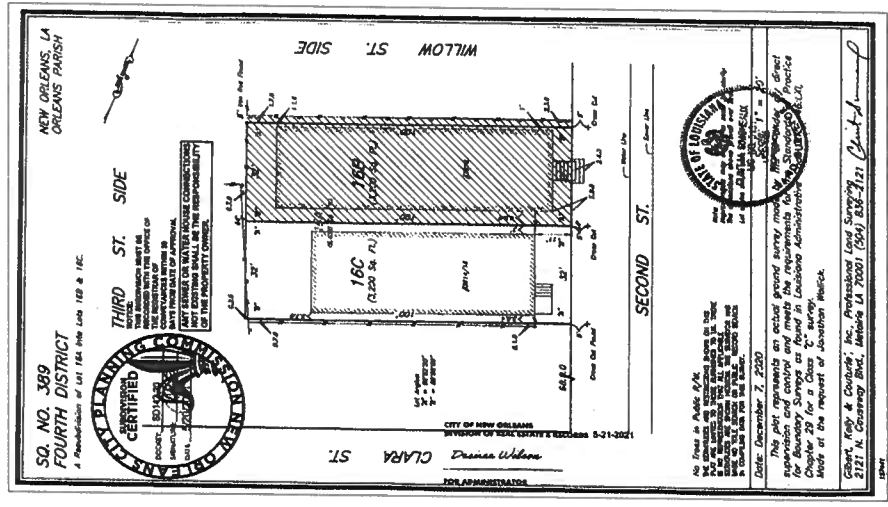
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PROJECT NO.:	DRAWING NO.:	SHEET NO.:



**ROOF FRAMING PLAN 2**  
SCALE: 1/8" = 1'-0"  
NORTH



**SITE PLAN**  
SCALE: 1/8" = 1'-0"  
NORTH





OPENING SCHEDULE			
mark	size	description	quantity
1	3'-0" x 7'-0"	PAIR 1 - 5.5'x7'-0" MASONITE DOORS	1
2	3'-0" x 7'-0"	3'-0" x 7'-0" S.C. WOOD W/ 1'-0" x 7'-0" SIDE LITE ON EACH SIDE AND W/ 5'-2" x 1'-0" GLASS TRANSOM	1
3	3'-0" x 7'-0"	3'-0" x 7'-0" S.C. WOOD W/ 3'-0" x 1'-0" GLASS TRANSOM	1
4	2'-0" x 7'-0"	4 PANEL MASONITE DOOR	4
5	4'-0" x 7'-0"	4 PANEL MASONITE DOOR	6
6	3'-0" x 7'-0"	PAIR 2 - 0'x7'-0" PANEL BI-FOLD MASONITE DOOR	1
7	4'-10" x 7'-0"	LOUVER MASONITE DOOR	1
8	2'-0" x 7'-0"	POCKET MASONITE DOOR	1

**ABBREVIATIONS:**  
 TBS - TO BE SELECTED  
 S.C.C. - SINGLE GLAZE CLEAR  
 I.G.F. - INSULATED GLASS FROSTED  
 S.H. - SINGLE HUNG

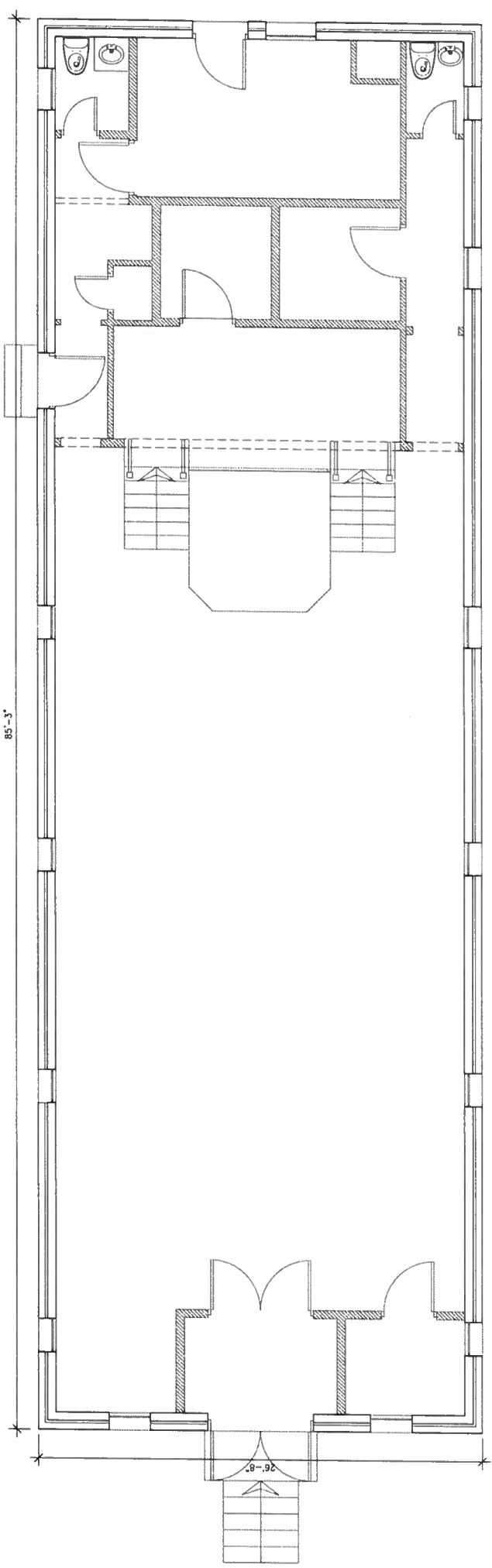
**NOTES:**  
 1. THE ABOVE SIZES ARE NOMINAL. VERIFY WITH DOOR SUPPLIER THE ACTUAL ROUGH IN DIMENSIONS.  
 2. BY OWNER.  
 3. ALL GLASS TO BE INSULATED AND LOW 'E'

WINDOWS			
mark	size	description	quantity
A	3'-0" x 5'-0"	SINGLE HUNG VINYL WINDOW UNIT	14
B	5'-0" x 6'-0"	SINGLE HUNG VINYL WINDOW UNIT AND W/ 5'-0" x 1'-0" GLASS TRANSOM	2
C	2'-0" x 4'-0"	SINGLE HUNG VINYL WINDOW UNIT DECOR OBSCURE GLASS	3
D	3'-0" x 4'-0"	SINGLE HUNG VINYL WINDOW UNIT	2
E	2'-0" x 2'-0"	TRANSOM VINYL WINDOW UNIT	1

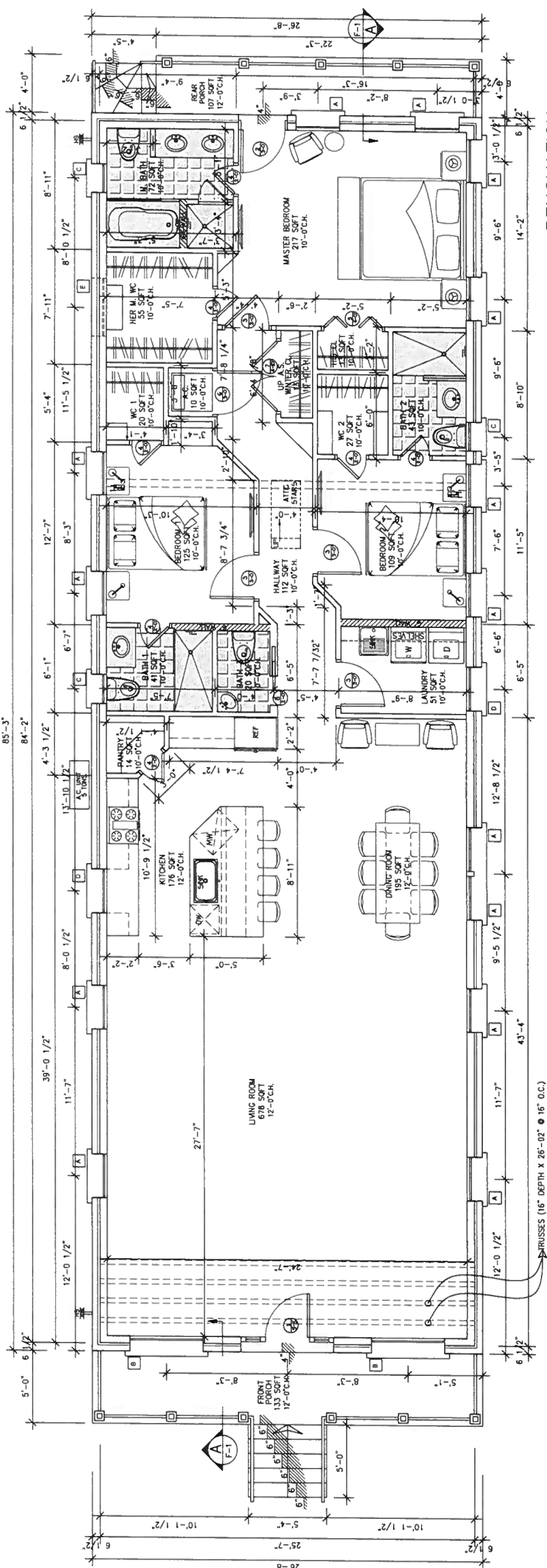
**ABBREVIATIONS:**  
 TBS - TO BE SELECTED  
 I.G.C. - INSULATED GLASS CLEAR  
 I.G.F. - INSULATED GLASS FROSTED  
 S.H. - SINGLE HUNG  
 D.M. - DOUBLE HUNG

**NOTES:**  
 1. THE ABOVE SIZES ARE NOMINAL. VERIFY WITH WINDOW MANUFACTURER FOR ACTUAL ROUGH IN DIMENSIONS.  
 2. WINDOW MANUFACTURER TO VERIFY TEMPERED WINDOWS.  
 3. WINDOW MATERIAL IS FOR BID ONLY. FINAL APPROVAL BY OWNER.  
 4. ALL GLASS TO BE INSULATED AND LOW 'E'

FINISH SCHEDULE					
room name	floor	walls	base	ceiling	
FRONT PORCH	TREATED WOOD	BRICK	PLASTER	VINYL BEADED BRD.	
LIVING ROOM	HARD WOOD	PAINTED WOOD	7 1/2" WOOD	PAINTED CYP. BD.	
KITCHEN	GRANITE	PAINTED WOOD	7 1/2" WOOD	PAINTED CYP. BD.	
PANTRY	CERAMIC TILE	PAINTED WOOD	7 1/2" WOOD	PAINTED CYP. BD.	
LAUNDRY	CERAMIC TILE	PAINTED WOOD	CERAMIC TILE	PAINTED CYP. BD.	
HALLWAY	HARD WOOD	PAINTED WOOD	7 1/2" WOOD	PAINTED CYP. BD.	
BATHROOM 3	CERAMIC TILE	PAINTED WOOD	7 1/2" WOOD	PAINTED CYP. BD.	
BATHROOM 2	CERAMIC TILE	PAINTED WOOD	7 1/2" WOOD	PAINTED CYP. BD.	
BATHROOM 1	CERAMIC TILE	PAINTED WOOD	7 1/2" WOOD	PAINTED CYP. BD.	
MASTER BEDROOM	HARD WOOD	PAINTED WOOD	7 1/2" WOOD	PAINTED CYP. BD.	
MASTER BATHROOM	CERAMIC TILE	PAINTED WOOD	7 1/2" WOOD	PAINTED CYP. BD.	
ALC. PORCH	CERAMIC TILE	PAINTED WOOD	7 1/2" WOOD	PAINTED CYP. BD.	
EXTERIOR WALL	1 1/2" FL WOOD	N/A	N/A	N/A	
	N/A	N/A	N/A	N/A	
BATHROOMS & LAUNDRY WALL WITH WATER RESISTANCE G. B.					



DEMOLITION FLOOR PLAN  
 EXISTING FLOOR PLAN 1  
 SCALE: 1/4" = 1'-0"



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

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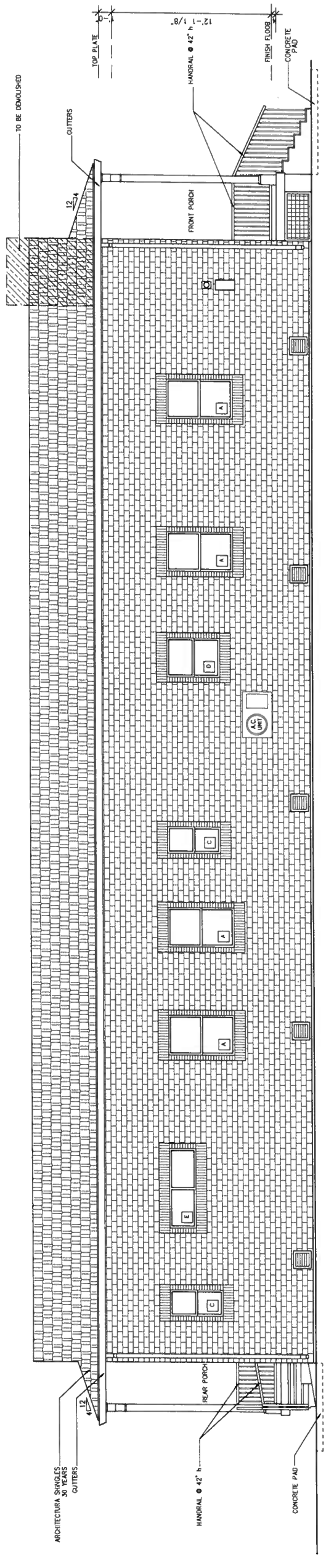
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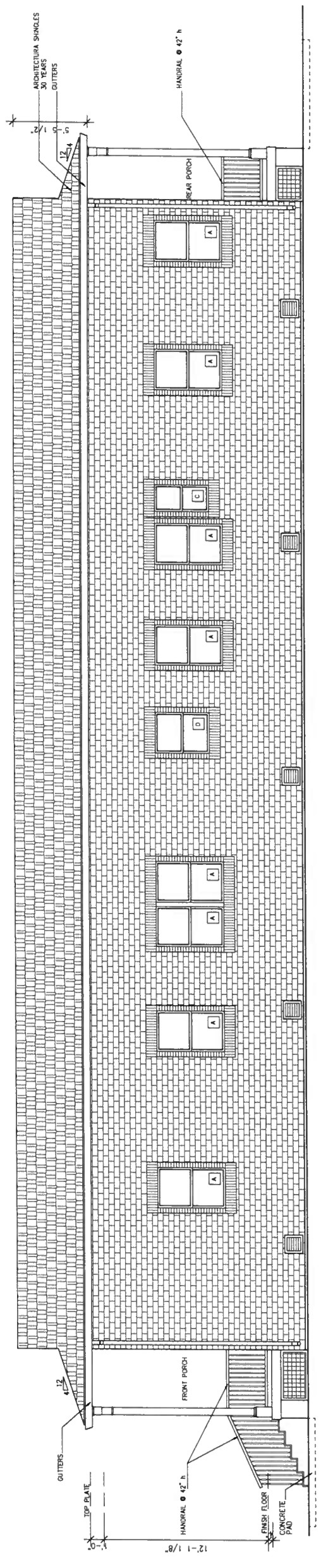
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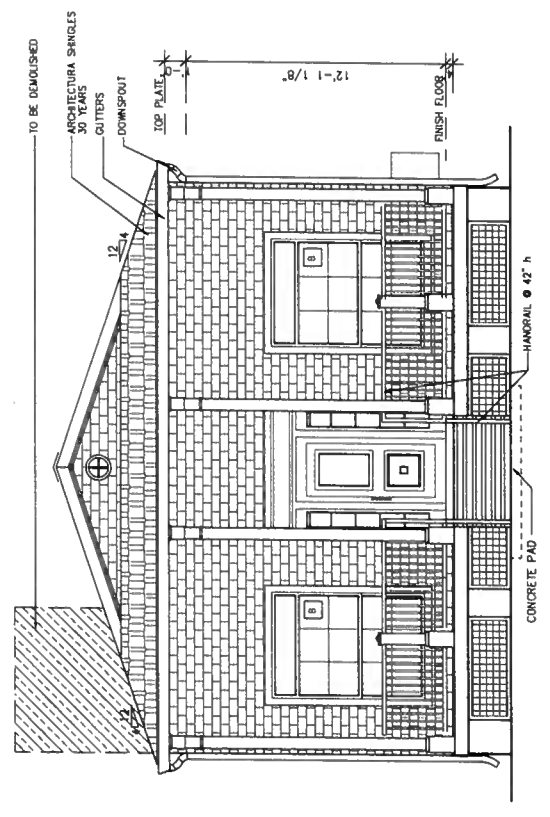
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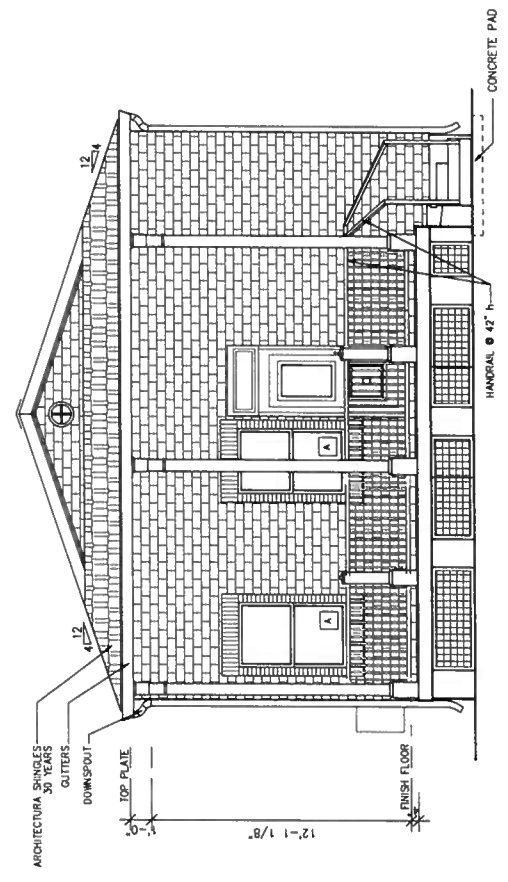
LEFT SIDE ELEVATION  
 SCALE: 1/4"=1'-0"



RIGHT SIDE ELEVATION  
 SCALE: 1/4"=1'-0"



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

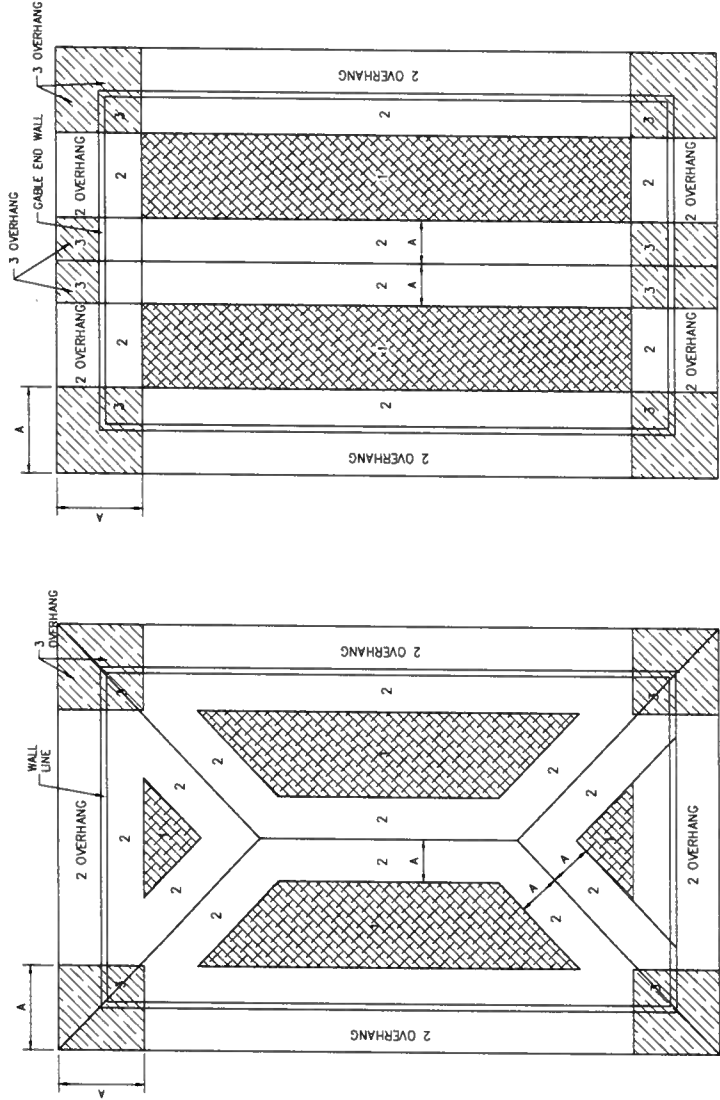


REAR ELEVATION  
 SCALE: 1/4"=1'-0"

**ROOF SHEATHING FASTENING SCHEDULE**

80 COMMON (0.131X 24") OR RING SHANK (0.133X 24")  
EXCEPT WHERE NOTED, EXPOSURE B, ENCLOSED BUILDING, ROOF FRAMING  
SPACED 24" OR LESS

WIND VELOCITY (3 SEC. GUST)	ROOF FASTENING ZONE					
	MAIN ROOF		SHEATHING TO GABLE END WALL FRAMING		OVERHANG (EAVES)	
	1	2	3	3	2	3
	FASTENING SCHEDULE (INCHES TO CENTER)					
	3 (TOP RING SHANK)					
150 MPH	6	6	6	6	6	6
	SUPPORTED PANEL END AND EDGES					
	6	4	3	3	4	3
120 MPH	12	6	6	6	6	6
	SUPPORTED PANEL END AND EDGES					
	6	4	3	3	6	4



DISTANCE "A" = 4 FEET IN MOST CASES, (OR OF LEAST BUILDING WIDTH OR 0.4 TIMES BUILDING HEIGHT, WHICHEVER IS SMALLER, BUT NOT LESS THAN 4% OF LEAST BUILDING WIDTH OR 3 FEET).

**ROOF SHEATHING FASTENING ZONES  
UPLIFT CONNECTIONS**

**ROOF ASSEMBLY TO WALL ASSEMBLY:**  
UPLIFT CONNECTIONS SHALL BE FROM RAFTERS TO STUDS OR FROM STUDS TO RAFTERS. RAFTERS SHALL BE ATTACHED TO THE WALL PLATE AND THE WALL TOP PLATE SHALL BE ATTACHED TO THE WALL STUD WITH UPLIFT CONNECTIONS. UPLIFT CONNECTIONS SHALL BE IN ACCORDANCE WITH TABLE.

**WALL ASSEMBLY TO WALL ASSEMBLY:**  
STORY TO STORY UPLIFT CONNECTIONS FROM UPPER STORY WALL STUD TO LOWER STORY WALL STUD, WHEN UPPER STORY WALL STUDS ARE NOT LOCATED DIRECTLY ABOVE LOWER WALL STUDS, THE STUDS SHALL BE ATTACHED TO A CONNECTION IN THE FLOOR ASSEMBLY UPLIFT CONNECTIONS. UPLIFT CONNECTIONS SHALL BE IN ACCORDANCE WITH TABLE.

**HOLD DOWNS**  
HOLD DOWNS ARE REQUIRED AT THE END OF EACH CEMENTED SHEARWALL SEGMENT OR AT THE END OF A PERFORATED SHEARWALL WHEN FULL HEIGHT SHEARWALL SEGMENTS MEET AT A CORNER. A SINGLE HOLD DOWN SHALL BE PERMITTED TO BE USED TO RESIST THE OVERTURNING FORCES IN BOTH DIRECTIONS WHEN THE CORNER FRAMING IN THE ADJOINING WALL IS FASTENED TOGETHER TO TRANSFER THE UPLIFT LOAD. SEE TYPICAL HOLD DOWN DETAIL.

**ROOF UNDERLAYMENT APPLICATION**

FOR ROOF SLOPES FROM TWO UNITS VERTICAL IN 12 UNITS HORIZONTAL (17% SLOPE) UP TO FOUR UNITS VERTICAL IN 12 UNITS HORIZONTAL (33% SLOPE), UNDERLAYMENT SHALL BE TWO LAYERS APPLIED IN THE FOLLOWING MANNER:

APPLY A 19" STRIP OF UNDERLAYMENT FELT PARALLEL WITH AND STARTING AT THE EAVES, WITH THE UNDERLAYMENT OVERLAPPING SUCCESSIVE SHEETS 19", AND FASTENED SUFFICIENTLY TO HOLD IN PLACE.

FOR ROOF SLOPES OF FOUR UNITS VERTICAL (33% SLOPE), OR GREATER, UNDERLAYMENT SHALL BE ONE LAYER APPLIED SINGLE FASHION, PARALLEL TO AND STARTING FROM THE EAVE AND LAPPED 2". FASTENED SUFFICIENTLY TO HOLD IN PLACE. END LAPS SHALL BE OFFSET BY 6".

**WALL ASSEMBLY TO FOUNDATION:**

FIRST FLOOR WALL STUDS SHALL BE CONNECTED TO THE FOUNDATION, SILL PLATE OR BOTTOM PLATE A MINIMUM OF A 1/4" x 20 GA ASTM A563 GRADE 33 STEEL STRAP SHALL BE NAILED TO THE WALL STUDS AND HAVE A MINIMUM EMBEDMENT OF 7" IN CONCRETE FOUNDATIONS AND SLABS-ON-GRADE. 15" SQUARE WASHERS SHALL BE USED ON THE ANCHOR BOLTS AND ANCHOR BOLT CONNECTIONS SHALL BE IN CONTACT WITH SLAB-ON-GRADE OR MASONRY BLOCK FOUNDATIONS SHALL BE HOT DIPPED GALV. AFTER FABRICATION, OR WEG. FROM G185 OR 2450 GALV. STL. CONNECTIONS SHALL BE IN ACCORDANCE WITH TABLE.

**THERMAL COMPONENT CRITERIA  
(U-FACTOR AND R-VALUE)**

MAX. GLAZING U-FACTOR	MINIMUM INSULATION R-VALUE			FASTENER TYPE	FASTENER SPACING	
	CEILING	FLOORS	BASEMENT WALLS		CRAWL SPACE WALLS	PANEL SPAN < 4 FT.
.75	R-26	R-11	R-5	2 1/2" #6 WOOD SCREWS	16"	9"
				2 1/2" #6 WOOD SCREWS	16"	12"

WINDOWS IN BUILDINGS LOCATED IN WINDBORNE DEBRIS REGIONS SHALL HAVE GLAZED OPENING PROTECTED FROM WINDBORNE DEBRIS. WOOD STRUCTURAL WITH A MIN. THICKNESS OF 7/16" AND A MAX. SPAN OF 8' SHALL BE PERMITTED FOR OPENING PROTECTION IN ONE & TWO STORY BUILDINGS. PANELS SHALL BE PRECUT TO COVER THE GLAZED OPENINGS WITH ATTACHMENT HARDWARE PROVIDED.

**HEADER SPANS - EXPOSURE B FOR  
NON LOAD BEARING WALLS**

SPAN	MIN. HEADER SIZE	NO. FULL HT STUDS REQ. @ EA. END	UPLIFT #	LATERAL #
2'-0"	1-2x4 FLAT	1	60	157
3'-0"	1-2x4 FLAT	2	90	236
4'-0"	1-2x4 FLAT	2	120	314
5'-0"	1-2x4 FLAT	3	150	393
6'-0"	1-2x6 FLAT	3	180	471
7'-0"	1-2x6 FLAT	3	210	550
8'-0"	2-2x6 FLAT	3	240	628
9'-0"	2-2x6 FLAT	3	270	707
10'-0"	2-2x6 FLAT	4	300	785
11'-0"	2-2x6 FLAT	4	330	864

**HEADER SPANS - EXPOSURE B OR LOAD BEARING  
WALLS (CEILING, ROOF, EXTERIOR, ETC.)**

SPAN	HEADER SIZE	NO. FULL HT STUDS REQ. @ EA. END	UPLIFT (LB.)	LATERAL (LB.)
2'-0"	2-2x4	1	364	157
3'-0"	2-2x4	2	546	236
4'-0"	2-2x4	2	728	314
5'-0"	2-2x6	3	910	393
6'-0"	2-2x6	3	1092	471
7'-0"	2-2x10	3	1274	550
8'-0"	3-2x6	3	1456	628
9'-0"	3-2x12	3	1638	707
10'-0"	4-2x12	4	1820	785

**SCHEDULE OF STRUCTURAL CONNECTORS**

CONNECTOR	STRUCTURAL CONNECTIONS	FASTENERS	ALLOWABLE LOADS	ACTUAL LOADS
SIMPSON SP2	WALL STUD TO TOP PLATE	SP2 12-10#	880	702
SIMPSON SP1	WALL STUD TO BOTTOM PLATE	5/16"	985	475
SIMPSON HDZA	HOLD DOWN AT OPENINGS AND SHEARWALLS	5/8" A307 ANCHOR BOLT W/ 2-5/8" MACHINE BOLTS	275	0
SIMPSON L17A6	PLATE TO STUD	7/8" (1 1/2")	150	0
SIMPSON L17A6	FLOOR TO FLOOR	24-10# (1 1/2")	150	0
SIMPSON L17A6	RAFTER TO TOP PLATE	10-8# (1 1/2")	600	550
SIMPSON M1520	RAFTER TO TOP PLATE/STUD	14-10# (1 1/2")	860	0
SIMPSON M1520	HEADER TO HEADER/STUD	14-10# (1 1/2")	1140	0
SIMPSON A15	CABLE RAKE TO WALL STUD TO PLATE	12-8# (1 1/2")	345	0
5/8" ANCHOR BOLT W/ 3/4" W/ WASHER	SILL PLATE TO CONCRETE FOUNDATION	5/8" ANCHOR BOLT 9" MIN. EMBEDMENT	2310	2102
SIMPSON SPS	WOOD COLUMN HOLD DOWN	14-SIMPSON SPS 1/4"x2" SCREWS	5710	0
SIMPSON SPS	WOOD COLUMN TO BEAM	30-SIMPSON SPS 1/4"x2 1/2" SCREWS	5955	0
COU46SD52.5	WOOD COLUMN TO BEAM AT CORNER	6-5/8" MACHINE BOLT WITH NUT AND WASHER	740	0
ECLL46				

**WINDBORNE DEBRIS PROTECTION FASTENING  
SCHEDULE FOR WOOD STRUCTURAL PANELS**

MAX. GLAZING U-FACTOR	MINIMUM INSULATION R-VALUE			FASTENER TYPE	FASTENER SPACING	
	CEILING	FLOORS	BASEMENT WALLS		CRAWL SPACE WALLS	PANEL SPAN < 4 FT.
.75	R-26	R-11	R-5	2 1/2" #6 WOOD SCREWS	16"	9"
				2 1/2" #6 WOOD SCREWS	16"	12"

WINDOWS IN BUILDINGS LOCATED IN WINDBORNE DEBRIS REGIONS SHALL HAVE GLAZED OPENING PROTECTED FROM WINDBORNE DEBRIS. WOOD STRUCTURAL WITH A MIN. THICKNESS OF 7/16" AND A MAX. SPAN OF 8' SHALL BE PERMITTED FOR OPENING PROTECTION IN ONE & TWO STORY BUILDINGS. PANELS SHALL BE PRECUT TO COVER THE GLAZED OPENINGS WITH ATTACHMENT HARDWARE PROVIDED.

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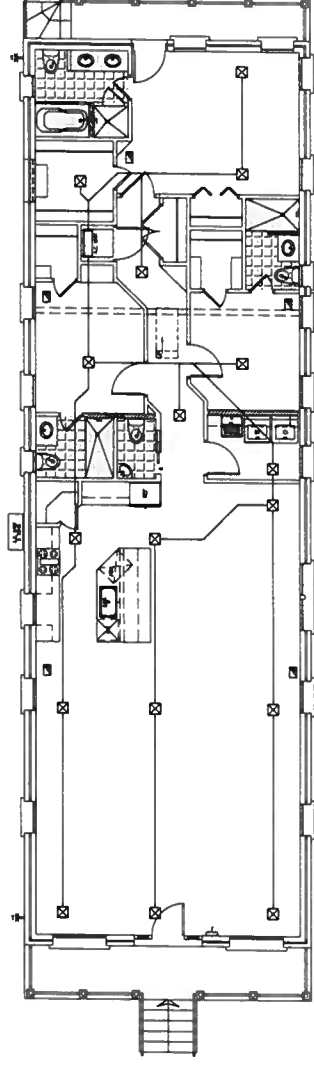
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NEW ORLEANS, LA, 70113

F-2

5 OF 7

DATE	DESCRIPTION
12/13/2021	IF
12/13/2021	IF
12/13/2021	IF
12/13/2021	IF

LEGEND	
☒	OPTUSER
☒	RETURN
☒	DUCT
☒	TERMOSTATE



### MECHANICAL PLAN

SCALE: 1/8"=1'-0"



### ELECTRICAL NOTES

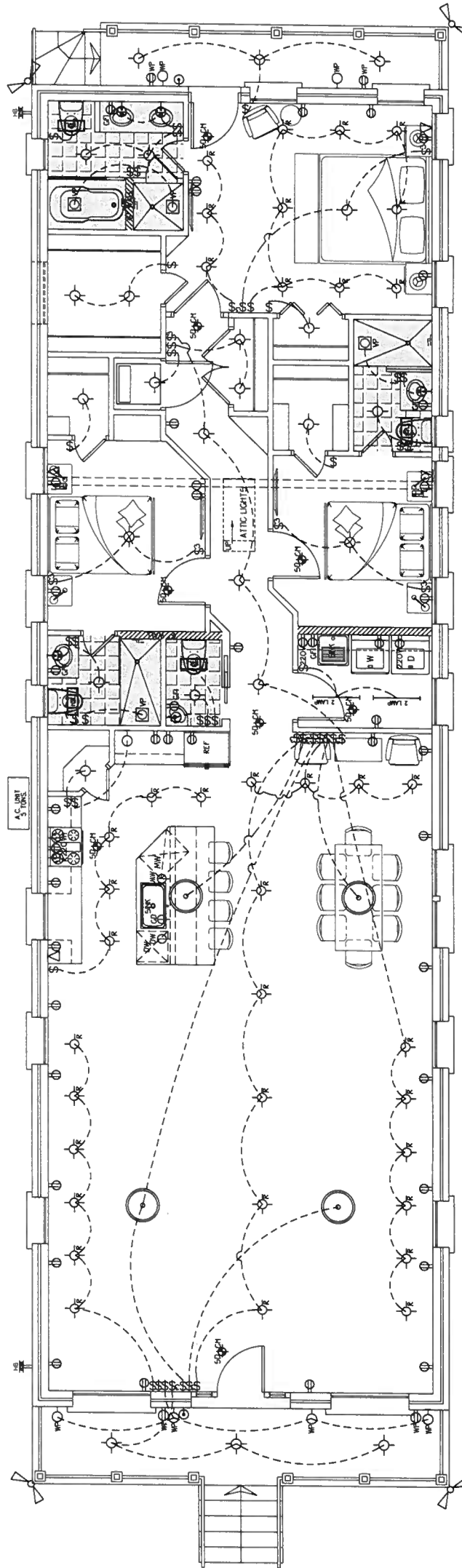
- SLEEPING AREAS SHALL BE PROTECTED BY UL-APPROVED SMOKE DETECTOR-CARBON MONOXIDE DETECTOR COMBO. THESE MUST BE WIRED TO THE 110 VOLT HOUSE CURRENT WITH BATTERY BACKUP AND MEET DESIGN CRITERIA AS REQUIRED BY UL DESIGN 268.
- SMOKE DETECTORS SHALL BE INSTALLED NO FURTHER THAN 10 FT. FROM ANY SLEEPING ROOMS. NO CLOSER THAN 6" FROM WALL OR FROM CEILING DEPENDING ON MOUNTING.
- ELECTRICAL CONTRACTOR SHALL VERIFY LOCATION OF MAIN ALARM PANEL WITH ALARM SYSTEM.
- ELECTRICAL CONTRACTOR SHALL ASSURE THAT THE OUTLETS, SAFETY DEVICES, ETC. SHOWN ON DRAWINGS ARE THE MINIMUM REQUIREMENTS AND SHALL PROVIDE ANY ADDITIONAL DEVICES AS MAY BE REQUIRED TO SATISFY SAID CODES AND REGULATIONS WITH OUT ADDITIONAL COST TO THE OWNER.
- GENERAL CONTRACTOR AND ELECTRICAL CONTRACTOR SHALL VERIFY THE LOCATION OF THE EXISTING ELECTRICAL SERVICE WITH THE PROVIDER AND PROVIDE CONDUIT FROM THE UTILITY POLE OR SERVICE LOCATION TO THE METER.
- GENERAL CONTRACTOR AND ELECTRICAL CONTRACTOR SHALL VERIFY THE LOCATION OF THE EXISTING TELEPHONE SERVICE AND CABLE SERVICE WITH THE PROVIDERS AND PROVIDE SEPARATE CONDUITS FROM THE UTILITY POLE OR SERVICE LOCATION TO THE ELECTRICAL METER.
- GENERAL CONTRACTOR AND ELECTRICAL CONTRACTOR SHALL INSTALL A WHOLE HOUSE SURGE PROTECTOR, VERIFY WITH OWNER.
- CONTRACTOR TO PROVIDE APPROVED CARBON MONOXIDE DETECTORS OUTSIDE EACH SEPARATE SLEEPING AREA FOR ANY DWELLING WITH AN ATTACHED GARAGE OR FUEL-FIRED APPLIANCES AS PER SECTION 915.5 OF THE IRC 2012 EDITION.

### NEC210.8 GROUND-Fault-Circuit-Interrupter Protection.

- DWELLING UNITS, ALL 120-VOLT, SINGLE-PHASE, 15- AND 20- AMPERE RECEPTACLES INSTALLED IN THE LOCATIONS SPECIFIED IN (A) THROUGH (H) SHALL HAVE GROUND-Fault-Circuit-Interrupter PROTECTION FOR PERSONNEL.
  - KITCHENS AND BATHS SHALL HAVE GROUND-Fault-Circuit-Interrupter PROTECTION FOR PERSONNEL.
  - CARAVANS AND ACCESSORY BUILDINGS THAT HAVE A FLOOR LOCATED AT OR BELOW GRADE NOT INTENDED AS HABITABLE ROOMS AND LIMITED TO STORAGE AREAS, WORK AREAS, OR AREAS OF SIMILAR USE, OUTDOOR.
  - CRAWL SPACES AT OR BELOW GRADE LEVEL.
  - AREAS OF BASAMENT NOT INTENDED AS HABITABLE ROOMS AND LIMITED TO STORAGE AREAS, WORK AREAS OR SIMILAR.
  - KITCHENS WHERE RECEPTACLES ARE INSTALLED TO SERVE COUNTERTOP SURFACES.
  - SINKS WHERE THE RECEPTACLES ARE INSTALLED WITHIN 6 FEET OF THE OUTSIDE EDGE OF THE SINK.
  - BOATHOUSES.
- NEC210.12 ARC-Fault-Circuit-Interrupter Protection
- DESCRIPTION: ARC-FAULT-Circuit-Interrupter AN ARC-FAULT-Circuit-Interrupter IS A DEVICE INTENDED TO PROVIDE PROTECTION FROM THE EFFECTS OF ARC FAILURES BY RECOGNIZING CHARACTERISTICS UNLIKE TO ARCING AND BY FUNCTIONING TO DE-ENERGIZE THE CIRCUIT WHEN AN ARC FAULT IS DETECTED. ALL 120-VOLT, SINGLE-PHASE, 15- AND 20- AMPERE BRANCHED CIRCUITS SUPPLYING OUTLETS, SWITCHES, OR RECEPTACLES UNDER NEC210 SHALL BE PROTECTED BY LISTED ARC-FAULT-Circuit-Interrupter, COMBINATION TYPE INSTALLED TO PROVIDE PROTECTION OF THE BRANCHED CIRCUIT.

- NEC240.24 LOCATION IN OR ON PREMISES
- ACCESSIBILITY OVERCURRENT DEVICES SHALL BE READILY ACCESSIBLE AND SHALL BE INSTALLED SO THAT OCCUPANTS CAN REMOVE THE COVER OF THE OVERCURRENT DEVICE, WHEN IN ITS HIGHEST POSITION, IS NOT MORE THAN 6 FEET 7 INCHES ABOVE THE FLOOR OR WORKING PLATFORM.
  - OCCUPANCY: EACH OCCUPANT SHALL HAVE READY ACCESS TO ALL OVERCURRENT DEVICES INSTALLED IN THE PREMISES.
  - NOT EXPOSED TO PHYSICAL DAMAGE: OVERCURRENT DEVICES SHALL BE LOCATED WHERE THEY WILL NOT BE EXPOSED TO PHYSICAL DAMAGE.
  - NOT IN VICINITY OF EASILY IGNITABLE MATERIAL: OVERCURRENT DEVICES SHALL NOT BE LOCATED IN THE VICINITY OF EASILY IGNITABLE MATERIAL.
  - NOT LOCATED IN BATHROOMS: OVERCURRENT DEVICES, OTHER THAN SUPPLEMENTARY OVERCURRENT PROTECTION, SHALL NOT BE LOCATED IN BATHROOMS.

LEGEND	
SYMBOL	DESCRIPTION
\$	SINGLE POLE LIGHT SWITCH (SPST) (15A, 120V)
\$S	SINGLE POLE DOOR LIGHT SWITCH (SPST) (15A, 120V)
\$3	3W LIGHT SWITCH (SPST) (15A, 120V)
\$4	4W LIGHT SWITCH (SPST) (15A, 120V)
⊖	LIGHT FIXTURE/WF ( VERIFY TYPE AND LOCATION )
⊖	RECESS LIGHT FIXTURE ( VERIFY TYPE AND LOCATION )
WF	WATER PROOF LIGHTING FIXTURE, RECESSED MTD. ( VERIFY TYPE AND LOCATION )
⊖	LIGHTING FIXTURE, RECESSED MTD. ( VERIFY TYPE AND LOCATION )
⊖	LIGHTING FIXTURE, RECESSED MTD. ( VERIFY TYPE AND LOCATION )
⊖	DUPLEX RECEPTACLE (15A, 120V)
⊖	WATER PROOF DUPLEX RECEPTACLE (15A, 120V)
⊖	GROUND FAULT INTERRUPTER DUPLEX RECEPTACLE (15A, 120V)
⊖	UNDER COUNTER DUPLEX RECEPTACLE (15A, 120V)
⊖	SINGLE RECEPTACLE (VERIFY SIZE OF RECS. AND MOUNTING) (SEE NOTE 8 - VERIFY LOCATION WITH LOCAL MUNICIPALITIES)
⊖	W-HUBROOK, H-HOOD VENT, DO-DOWNDRAFT, B-ROOM BOARD, M-ICE MAKER, WC-WINE COOLER, M-MICROWAVE
⊖	DUPLEX RECEPTACLE WITH GROUND (VERIFY A. 220V)
⊖	SHORE DETECTO-CARBON MONOXIDE DETECTOR COMBO. (SEE NOTE 8 - VERIFY LOCATION WITH LOCAL MUNICIPALITIES)
⊖	WATER PROOF WALL LIGHT (VERIFY HEIGHT, AND LOCATION)
⊖	WALL LIGHT (VERIFY HEIGHT/LOCATION AND STYLE)
⊖	CEILING MOUNT FLOURESCENT LIGHT, VERIFY STYLE + QUANTITY LAMPS
⊖	CHANDLER
⊖	FUSIBLE DISCONNECT SWITCH
⊖	HEATER/ VENT/ LIGHT- VERIFY STYLE
⊖	DOOR BELL / CHIMBES
⊖	WATER PROOF DUPLEX RECEPTACLE FLOOR (15A, 120V) (VERIFY LOCATION)
⊖	UNDER CABINET LIGHTING
⊖	TELEPHONE OUTLET/ RING BELL
⊖	NATURAL GAS
⊖	EXTERIOR FLOOD LIGHTS



### LIGHTING AND POWER PLAN

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



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L-M-1 6 OF 7

DATE	ISSUE	BY	REVISION
1/14/10	1	PP	REVISION
12/13/2011	2	PP	REVISION



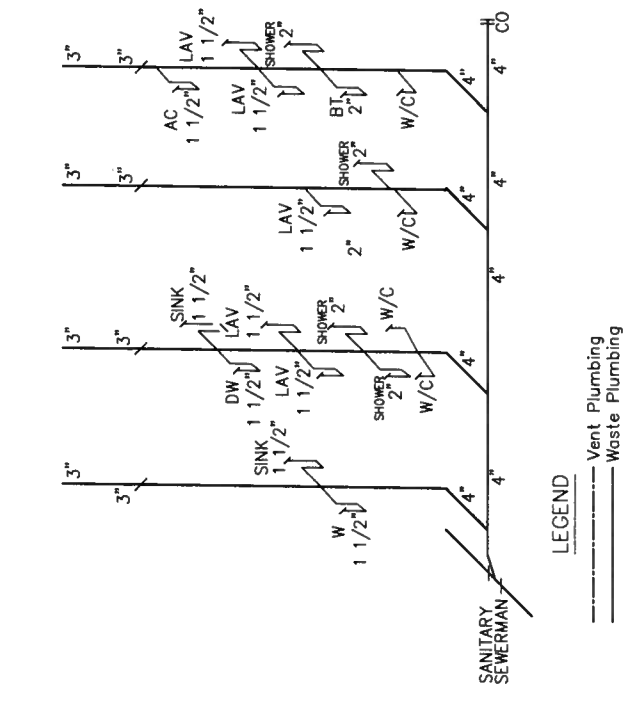


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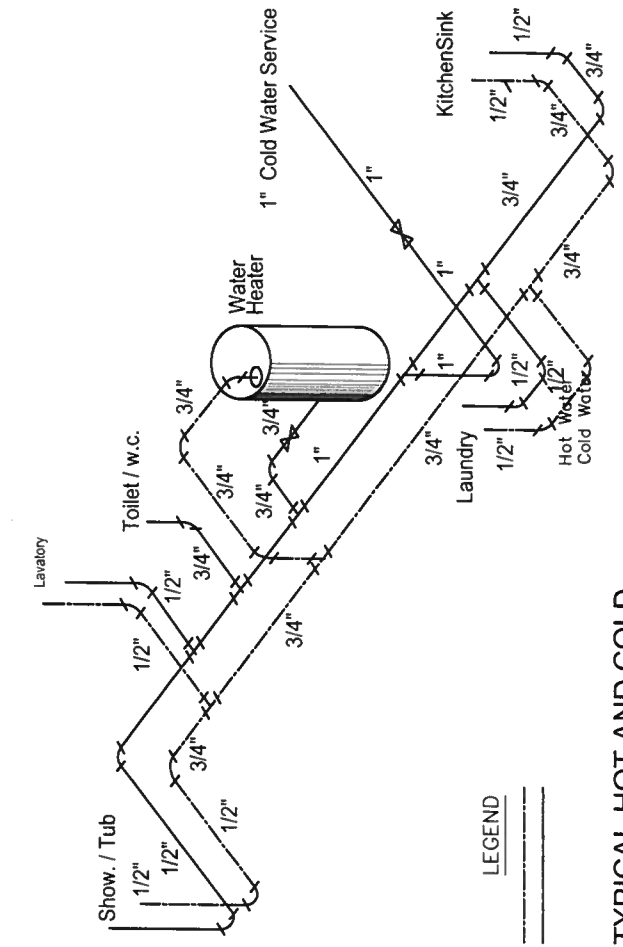
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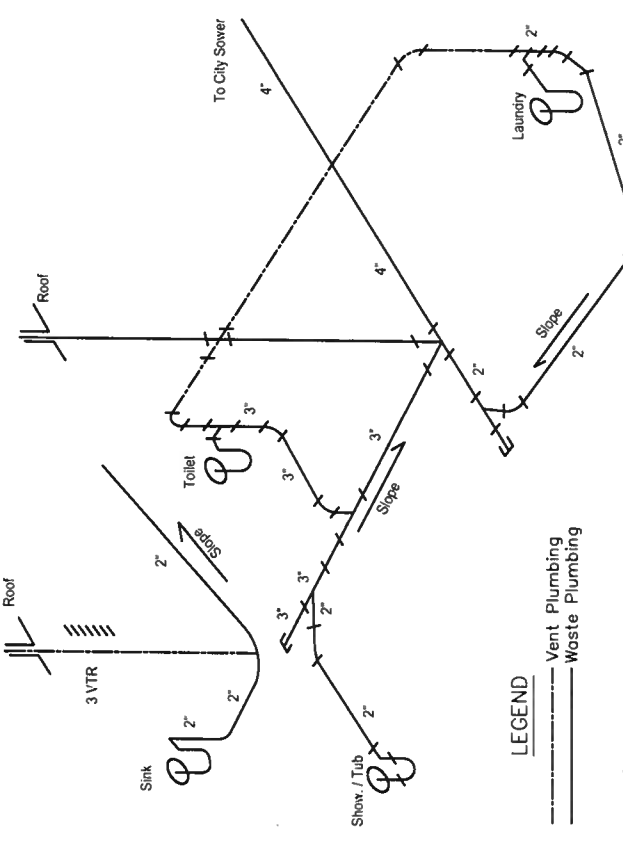
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PROJECT NO.	1	DATE	12/13/2021
DESIGNER	FRANCIS PESSOA	PROJECT	PLUMBING



WASTE AND VENT RISER DIAGRAM

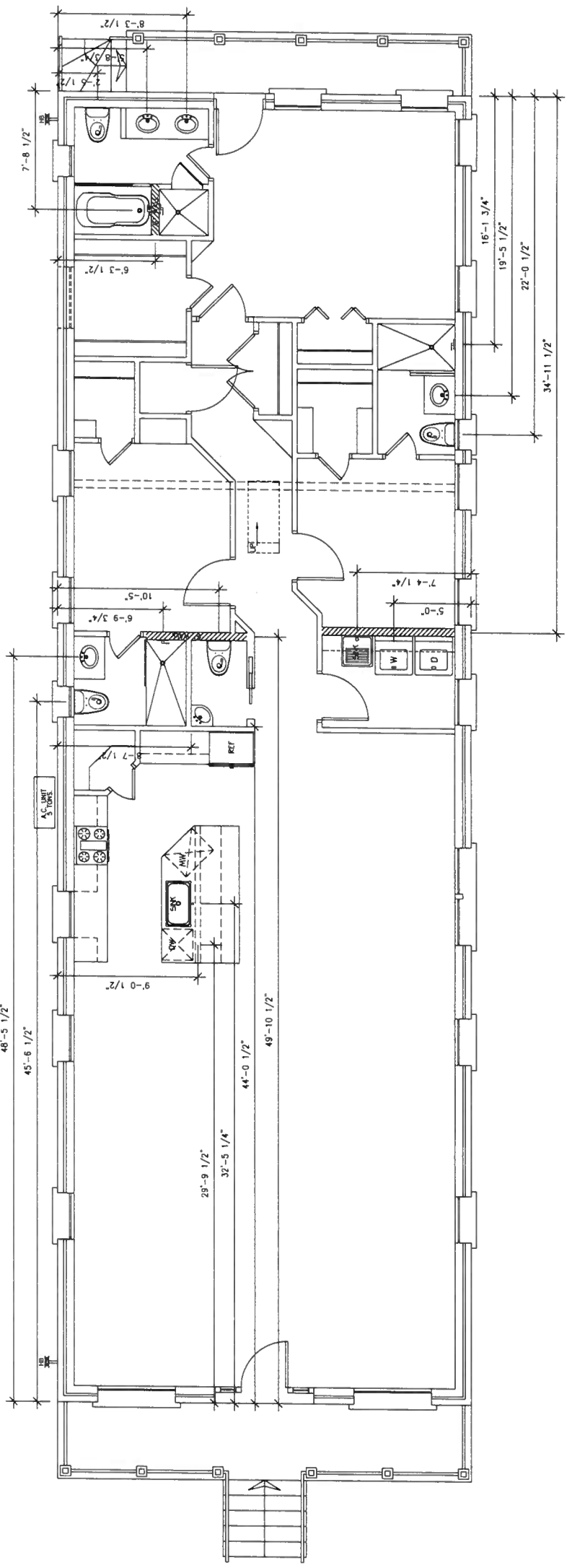


TYPICAL HOT AND COLD WATER RISER DIAGRAM



WASTE AND VENT RISER DIAGRAM

- PLUMBING NOTES**
1. USE SCHEDULE 40 PVC FOR ALL UNDER SLAB SEWER LINES.
  2. ROUTE ALL VENTS ON BACK SIDE OF ROOF RIDGES.
  3. USE 1" COPPER TUBING FOR ALL PRIMARY WATER LINES AND 3/4" OR 1/2" FOR ALL SECONDARY LINES.
  4. INSTALL HOSE BIBBS PER LOCATIONS ON SHEET M-1.
  5. SUPPLY TANK WATER HEATER, 75 GAL. LOCATED IN ATTIC, GAS.
  6. SUPPLY ONE 4" CLEANOUT IN THE REAR YARD OUT OF THE MAIN PATH OF TRAVEL.
  7. SUPPLY ONE 4" CHECK VALVE LOCATED BETWEEN THE SEWER MAIN AND FRONT PORCH OF THE HOME.



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

