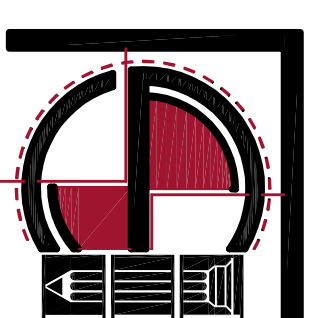


# NEW DUPLEX RESIDENCE PROJECT FOR SCIOTO COUNTY COMMUNITY ACTION ORGANIZATION

SCIOTO COUNTY, OHIO

PREPARED BY

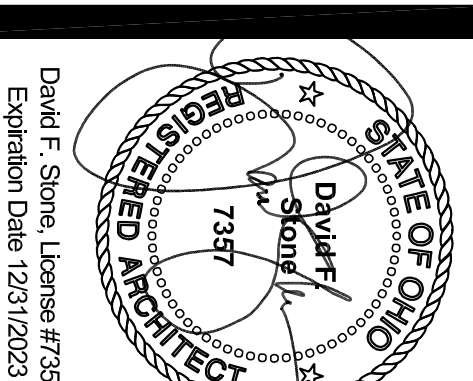


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1010 COLES BLVD., PORTSMOUTH, OHIO 45662

PHONE: (740) 354-6621

architecture  
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interior design



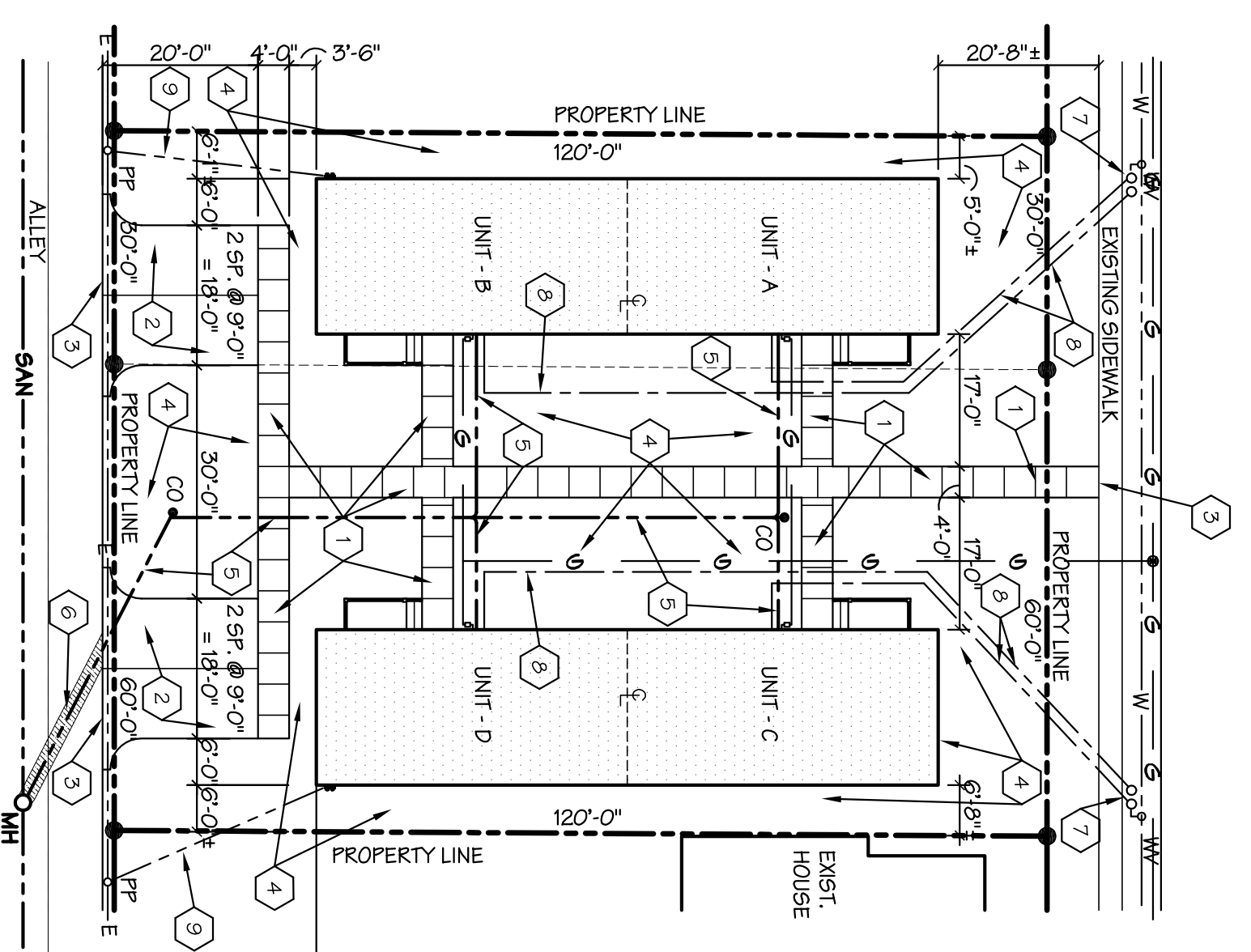
David F. Slope, License #7257  
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EIGHTH STREET



SITE PLAN

SCALE: 1" = 20'-0"



### LANDSCAPING ALLOWANCE

LANDSCAPING AROUND ALL UNITS WILL BE REQUIRED. ENTIRE SITE WILL BE SEEDED. SHRUBBERY WILL BE PLACED AROUND ALL UNITS. ORNAMENTAL TREES WILL BE AS THE SITE ALLOWS.

### SYMBOLS

- ROOM NAME & NUMBER, REFER TO ROOM FINISH SCHEDULE ON SHT. #2
- DOOR NUMBER, REFER TO DOOR SCHEDULE ON SHT. #2
- CONSTRUCTION NOTE MARKER - SEE CONSTRUCTION NOTES THIS SHEET
- EXTERIOR WINDOW UNIT TYPE, REFER TO ELEVATIONS ON SHT. #2

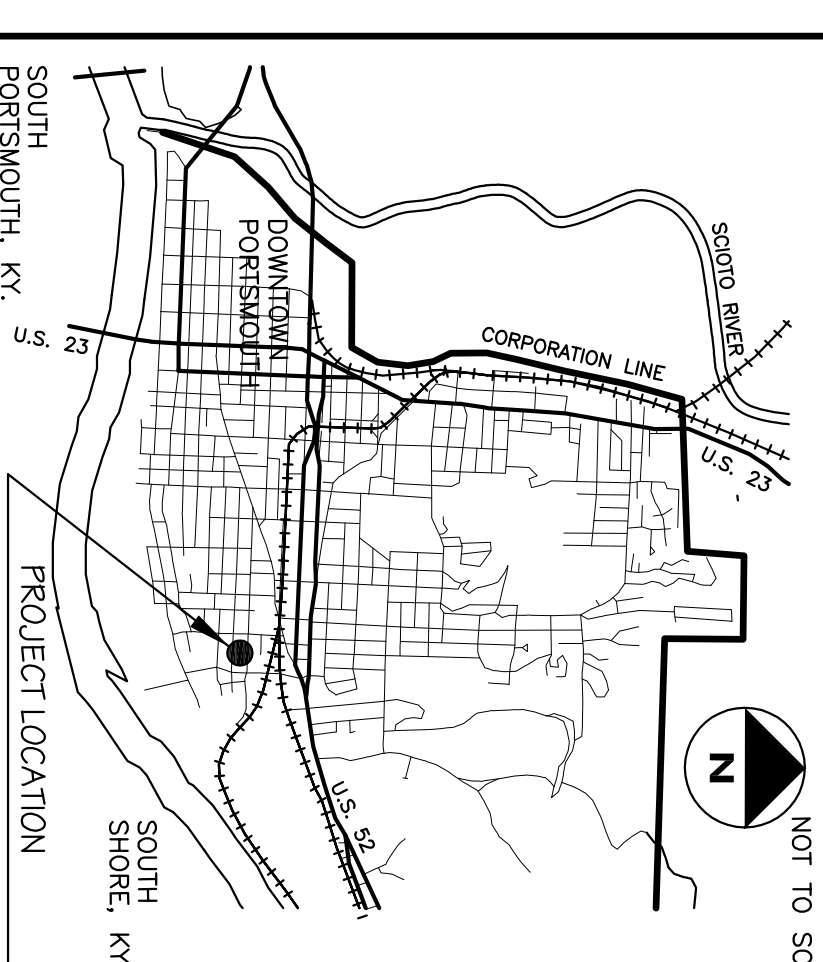
### CODE INFORMATION

BUILDING: NEW CONSTRUCTION  
USE GROUP: DUPLEX HOUSING UNIT - RESIDENTIAL CODE OF OHIO / PORTSMOUTH  
CONSTRUCTION TYPE: 5-B  
FLOOR AREA: EACH BLDG. = 1600 S.F. TOTAL (800 S.F. EACH UNIT)  
THIS PROJECT CONSISTS OF 2 BUILDINGS

### CODED NOTES - SITE PLAN

- 1 5" WIDE 4" THICK CONC. SIDEWALK W/ 666 W/MAN. 4 W/FC ON 2" MIN. COMPACTED GRAVEL. EQUALLY GRADED CONTROL. JTS. EQUAL TO WIDTH OF WALK & EXPANSION JOINTS @ 25' / 06 MAX.
- 2 CONCRETE PARKING.
- 3 CONCRETE SLAB W/ 666 W/20 X 20 W/FC. 6" COMPACTED CRUSHED AGGREGATE OVER SEPARATION / STABILIZATION FABRIC IF REQ'D BY SUB-SURFACE CONDITIONS.
- 4 MEET EXIST. GRADE / ASPHALT / CONCRETE FLUSH & SMOOTH.
- 5 GRADE AREA FOR POSITIVE DRAINAGE AWAY FROM NEW BUILDING.
- 6 NEW #2 SCH. 40 PVC SANITARY LINE.
- 7 EXTEND NEW SANITARY LINE TO EXIST. SAN. MH. REPAIR EXIST. ASPHALT AS REQ'D TO MATCH EXISTING.
- 8 NEW WATER METER LOCATIONS, VERIFY W/ WATER DEPARTMENT / UTILITY COMPANY.
- 9 NEW 3/4" WATER LINE.
- 10 NEW ELECTRIC SERVICE DROP, VERIFY W/ UTILITY COMPANY.

### VICINITY MAP - PORTSMOUTH, OHIO



### INDEX TO DRAWINGS

DWG. NO.	DESCRIPTION
0	CORNER SHEET / SITE PLAN
101	DUPLEX UNIT FLOOR PLAN, ROOM ELEV., ROOM FINISH & DOOR SCHEDULES
201	DUPLEX UNIT FLOOR PLAN, ROOM ELEV., ROOM FINISH & DOOR SCHEDULES
301	FOUNDATION & ROOF FRAMING PLAN
M-1	PLUMBING & HVAC PLANS
E-1	ELECTRIC PLAN

NEW DUPLEX  
RESIDENCE  
PROJECT FOR

SCIOTO  
COUNTY

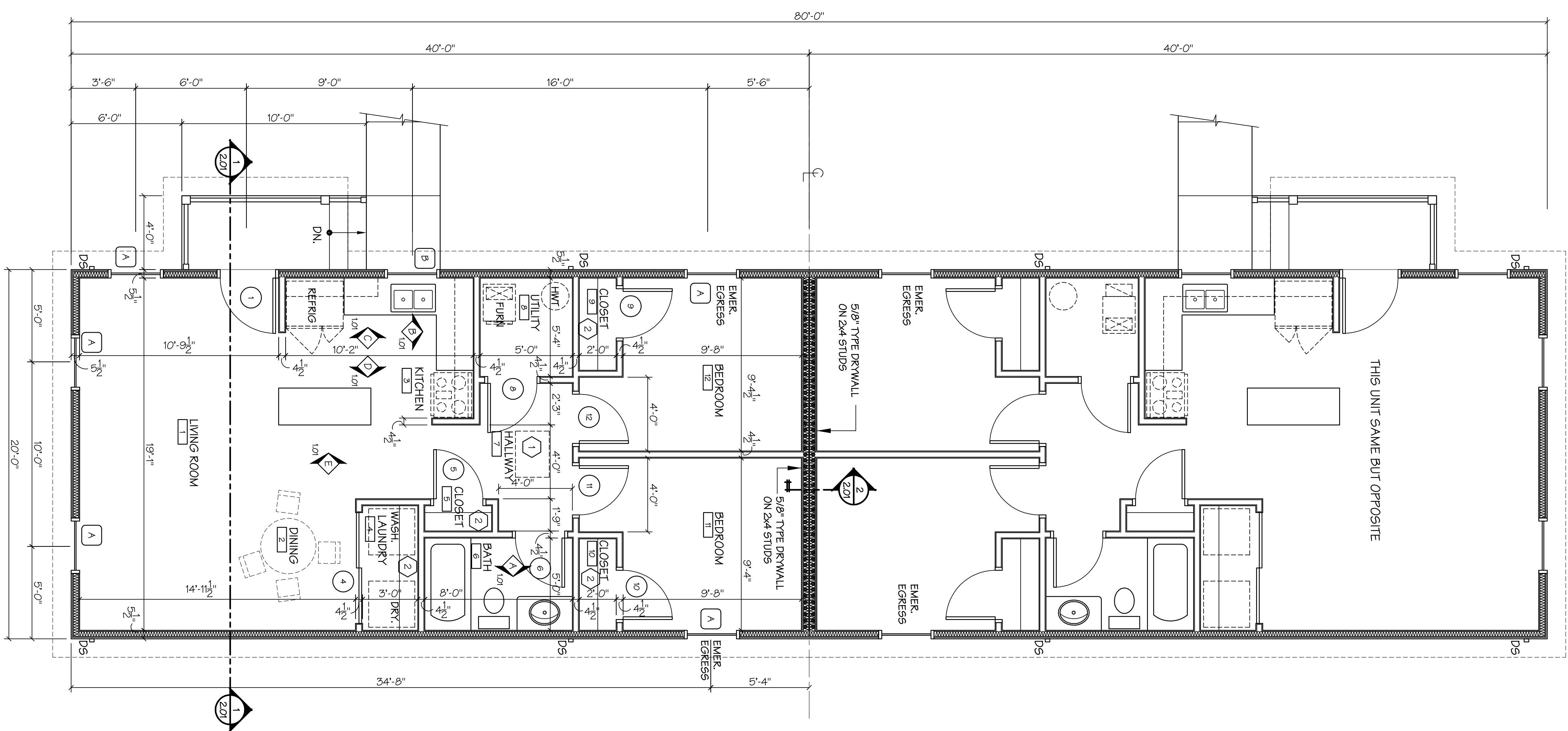
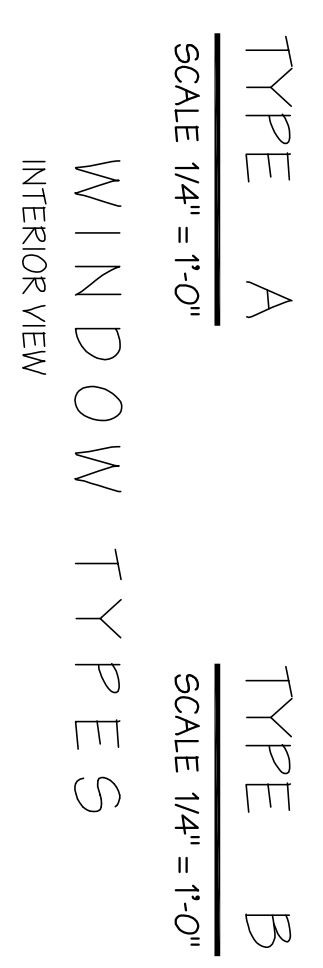
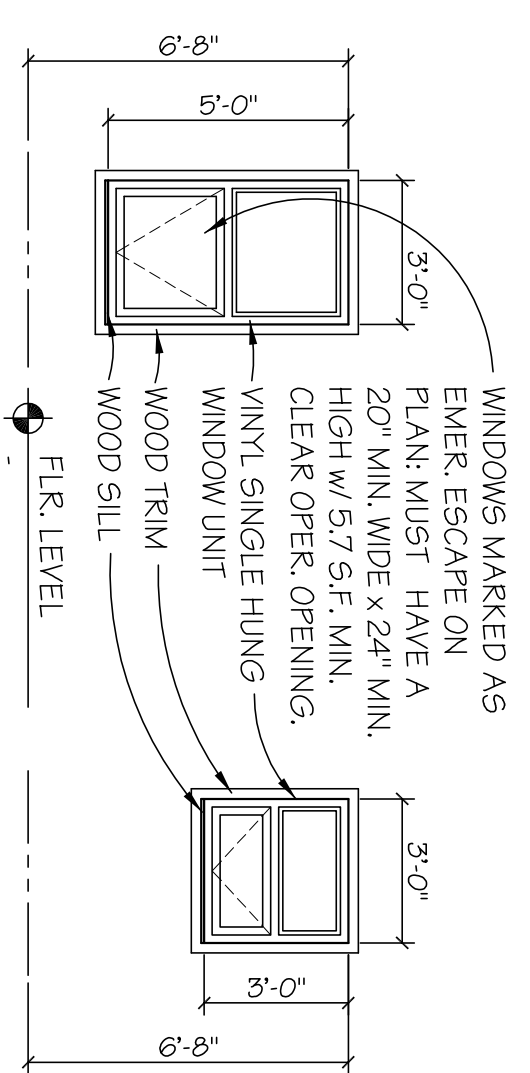
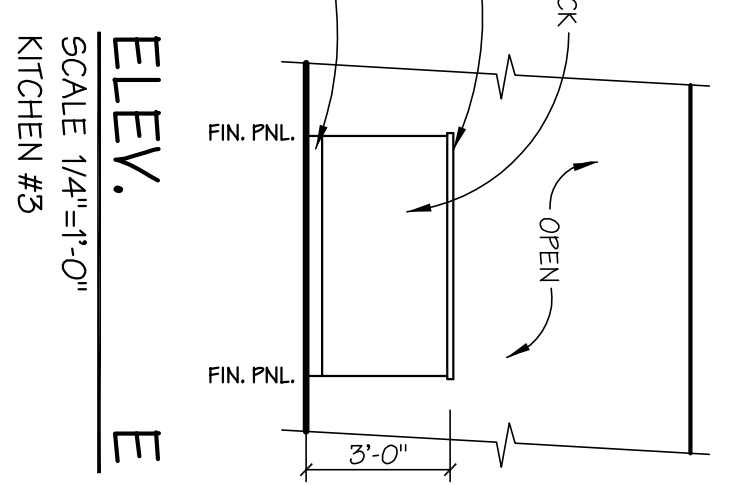
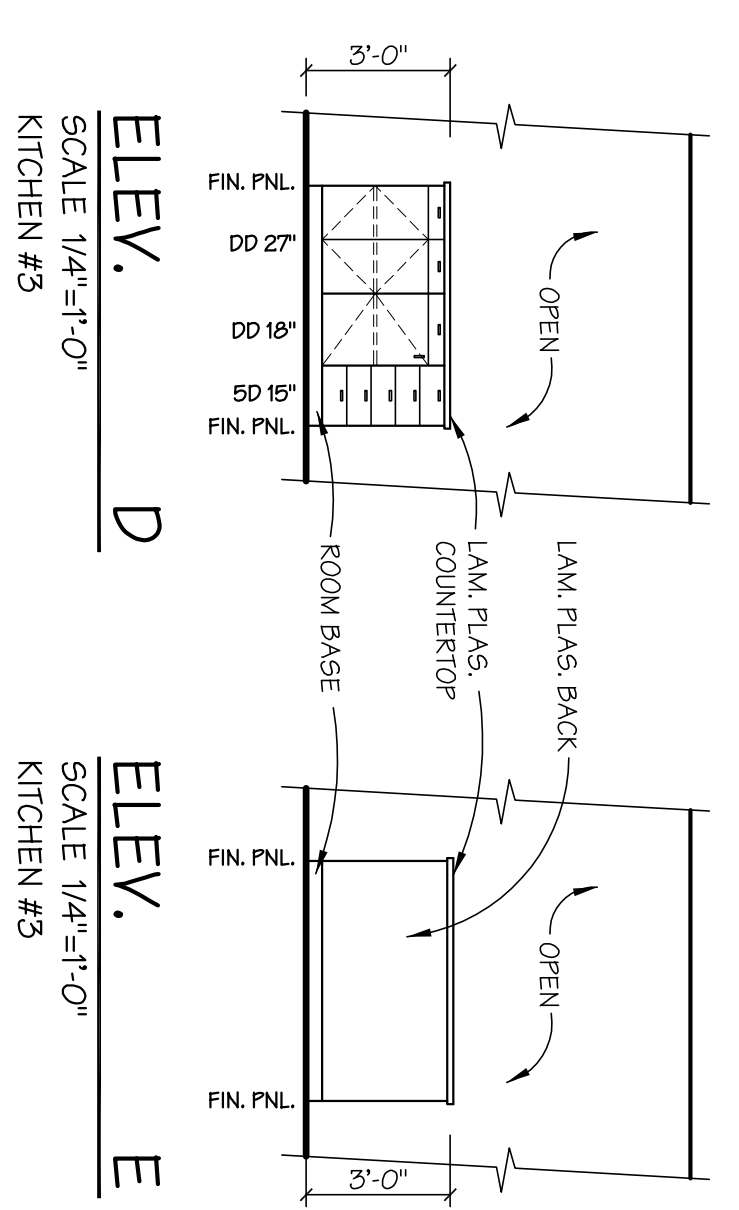
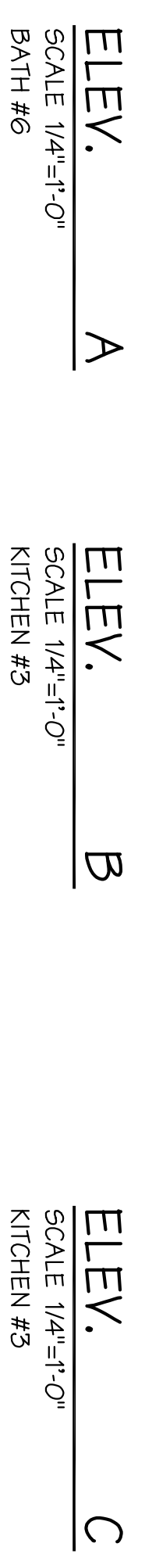
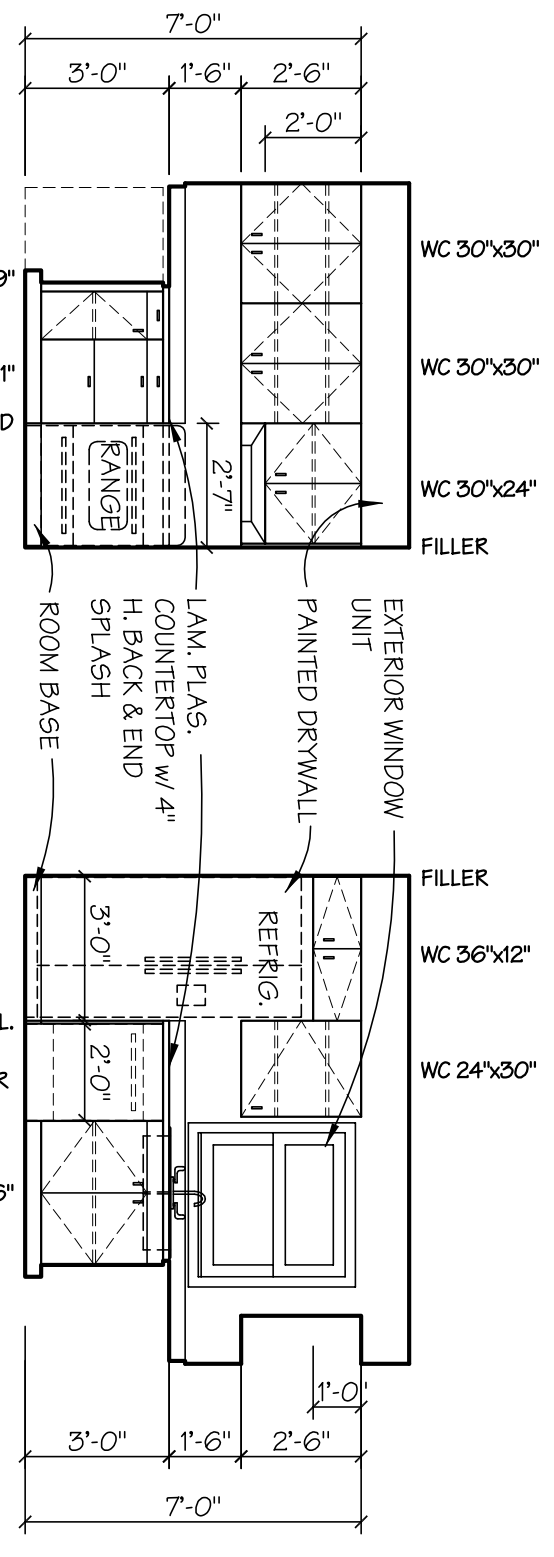
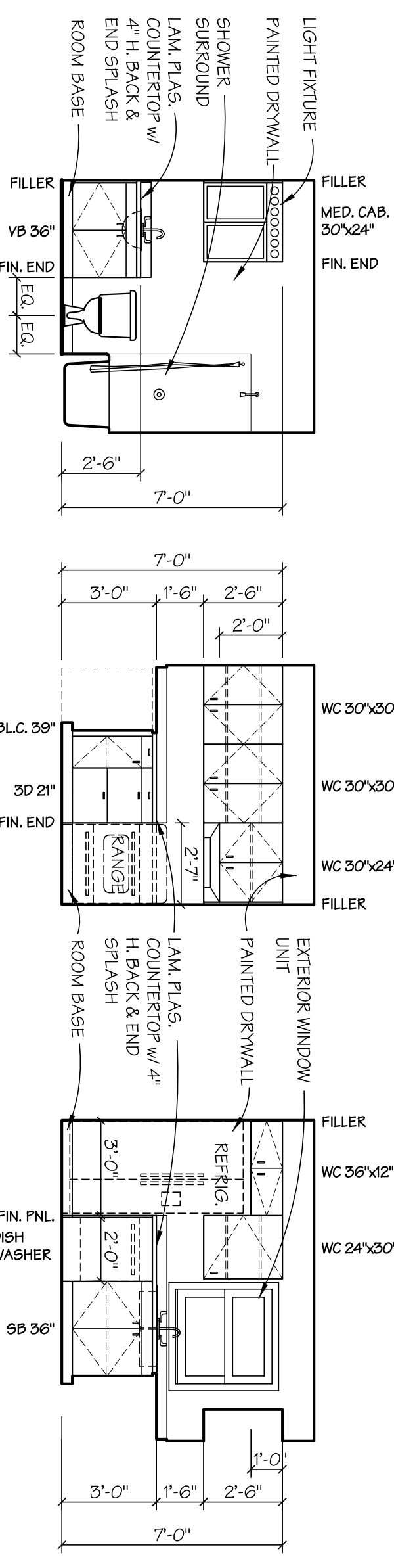
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ACTION  
ORGANIZATION  
SCIOTO COUNTY, OHIO

Drawn By	Date
T. Jones	3-17-2023
Checked DFS	Comm. No. 2301
Revised	

Sheet Number

Cover





**CODED NOTES**

- 1. 22" WIDE x 57" LONG LIFT OUT PAINTED 1/2" RIGID INSUL. TO BACK OF PANEL. W/ 1/4" PAINTED TRIM ALL SIDES. LAM. 2" RIGID INSUL. TO BACK OF PANEL.
- 2. 1/2" WIDE CLOSET SHELF W/ R20.

NO.	SIZE	DOOR	FRAME TYPE	FIRE	HAND	NOTES					
							WIDTH	HGT.	THK.	TYPE	MATL.
1	3'-0"	6'-0"	1-3/8"	A	IM	PH	PH	-	-	-	1, 2
4	(2) 3'-0"	6'-0"	1-3/8"	C	WD	PH	PH	-	-	-	-
5	2'-6"	6'-0"	1-3/8"	B	WD	PH	PH	-	-	-	-
6	2'-6"	6'-0"	1-3/8"	B	WD	PH	PH	-	-	-	-
8	2'-6"	6'-0"	1-3/8"	B	WD	PH	PH	-	-	-	3
9	2'-6"	6'-0"	1-3/8"	B	WD	PH	PH	-	-	-	-
10	2'-6"	6'-0"	1-3/8"	B	WD	PH	PH	-	-	-	-
11	2'-6"	6'-0"	1-3/8"	B	WD	PH	PH	-	-	-	-
12	2'-6"	6'-0"	1-3/8"	B	WD	PH	PH	-	-	-	-

**DOOR NOTES**

ABBREVIATIONS: IM = INSULATED METAL PH = PREHUNG  
WD = WOOD

GENERAL NOTES:  
 0 ALL DOOR HARDWARE TO BE 1/2" RIGID TYPE OR "PANIC" HARDWARE AND BE ADA ACCEPTABLE DESIGN NOT REQUIRING TIGHT GRASPING TO OPERATE.

DOOR TYPES

DOOR NOTES:  
 1. DOOR TO HAVE WEATHER STRIPPING & THRESHOLD  
 2. DOOR TO HAVE VIEWER @ 4'-6" - VERIFY HEIGHT W/ OWNER  
 3. DOOR TO HAVE 12" x 12" TRANSFER GRILLE.

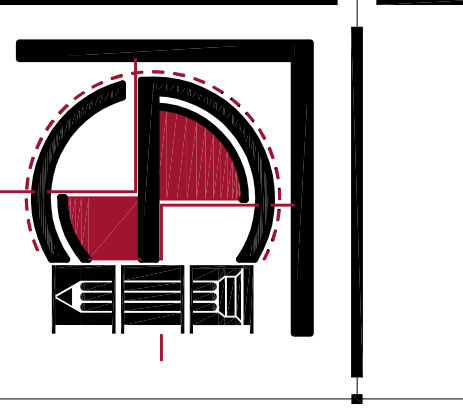
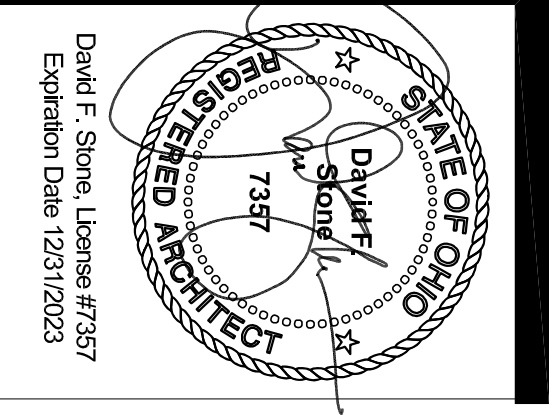
**ROOM FINISH SCHEDULE**

RM. NO.	ROOM NAME	FLOOR BASE	WALLS	CEILING	NOTES	
1	LIVING ROOM	LVT	R	DW	P	8'-0"
2	DINING	LVT	R	DW	P	8'-0"
3	KITCHEN	LVT	R	DW	P	8'-0"
4	LAUNDRY	LVT	R	DW	P	8'-0"
5	CLOSET	LVT	R	DW	P	8'-0"
6	BATH	LVT	R	DW	P	8'-0"
7	HALLWAY	LVT	R	DW	P	8'-0"
8	UTILITY	LVT	R	DW	P	8'-0"
9	CLOSET	LVT	R	DW	P	8'-0"
10	CLOSET	LVT	R	DW	P	8'-0"
11	BEDROOM	LVT	R	DW	P	8'-0"
12	BEDROOM	LVT	R	DW	P	8'-0"

**GENERAL NOTES:**

1. DIMENSIONS SHOWN ARE NOMINAL. ACTUAL

ABBREVIATIONS:  
 P = PAINT  
 DW = DRYWALL  
 LVT = LUXURY VINYL TILE  
 R = RESILIENT (VINYL OR RUBBER)



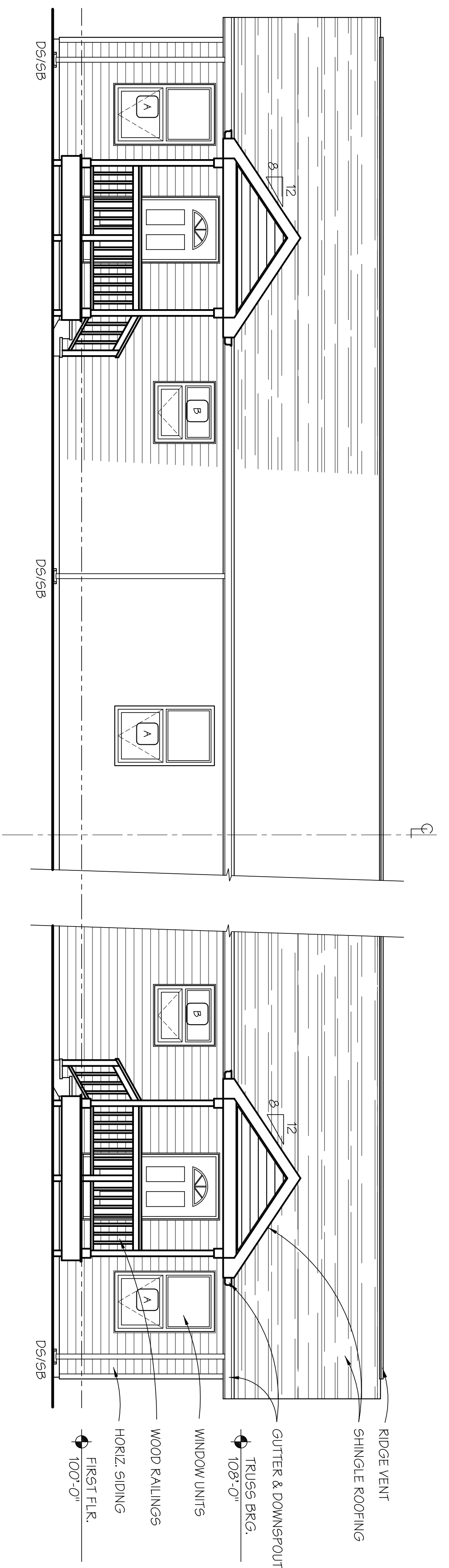
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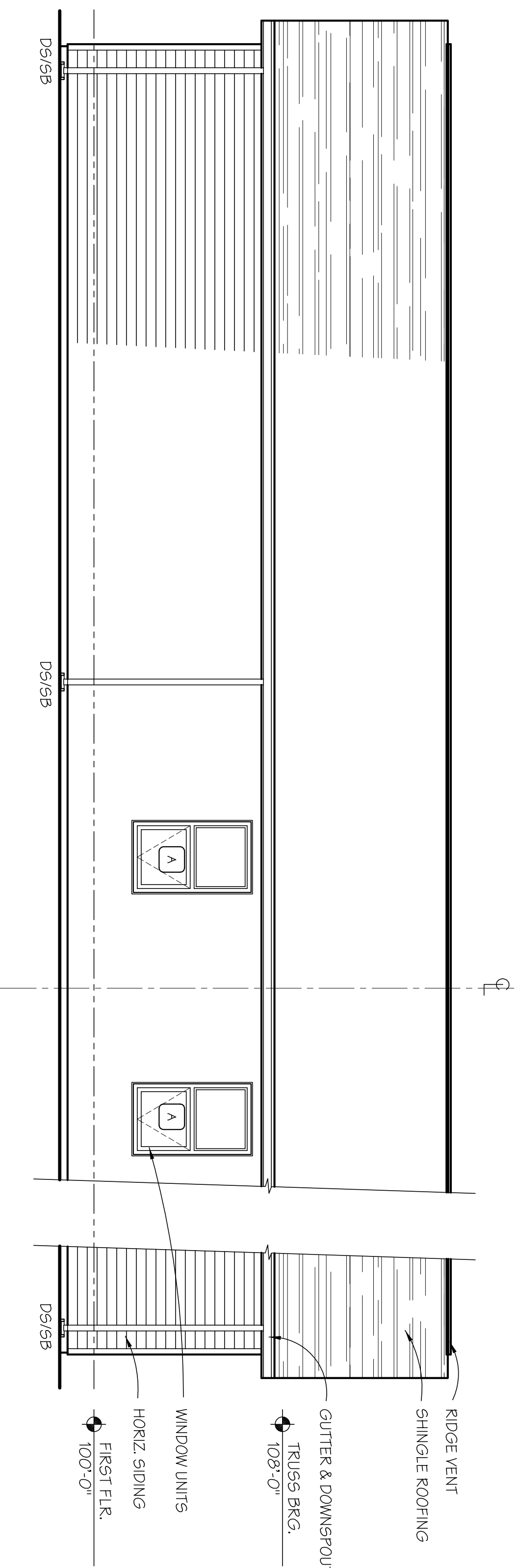
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DFS	2301
Revised	

FLOOR PLAN,  
 RM. FINISH &  
 DOOR SCH.  
 Sheet Number  
**1.01**

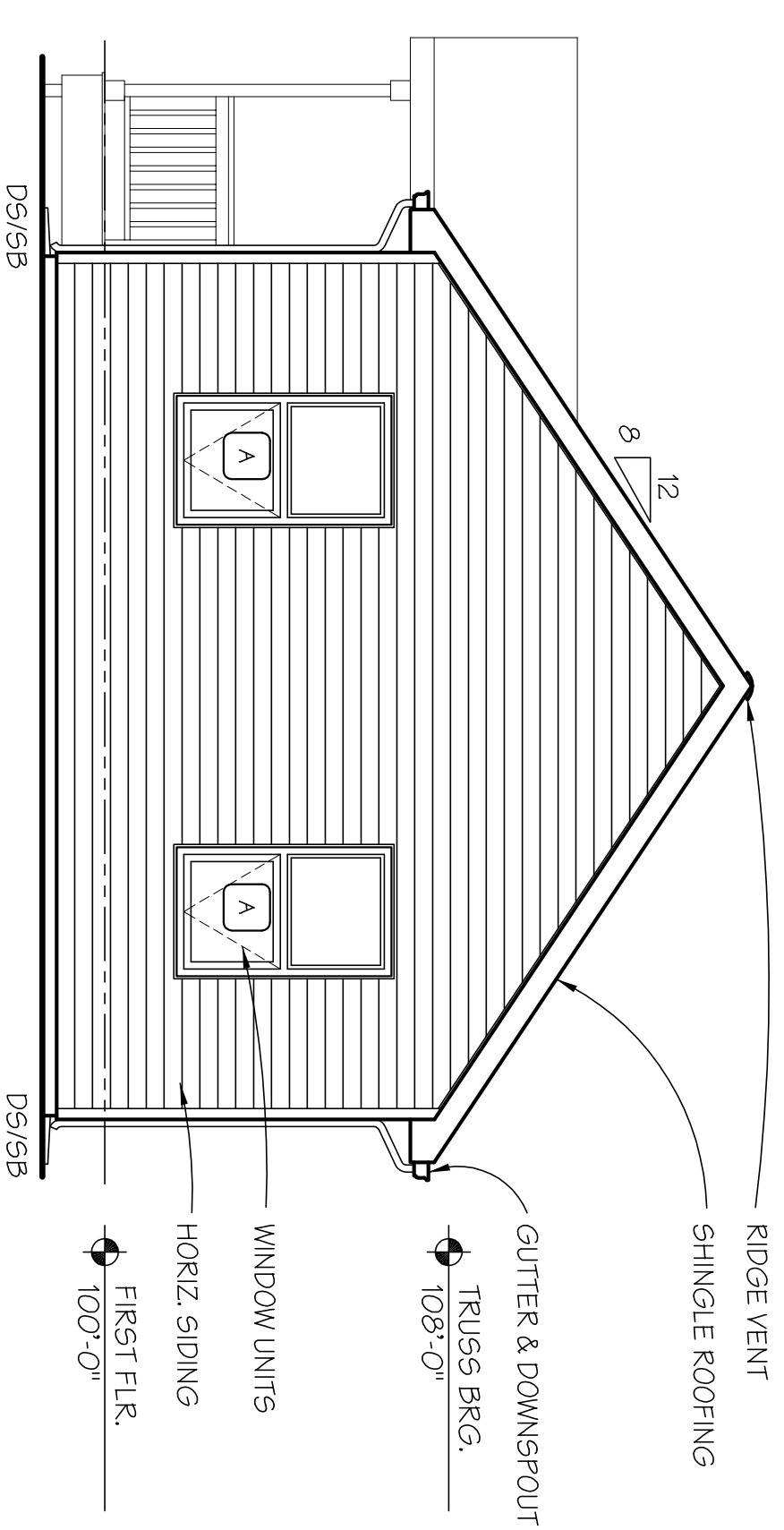




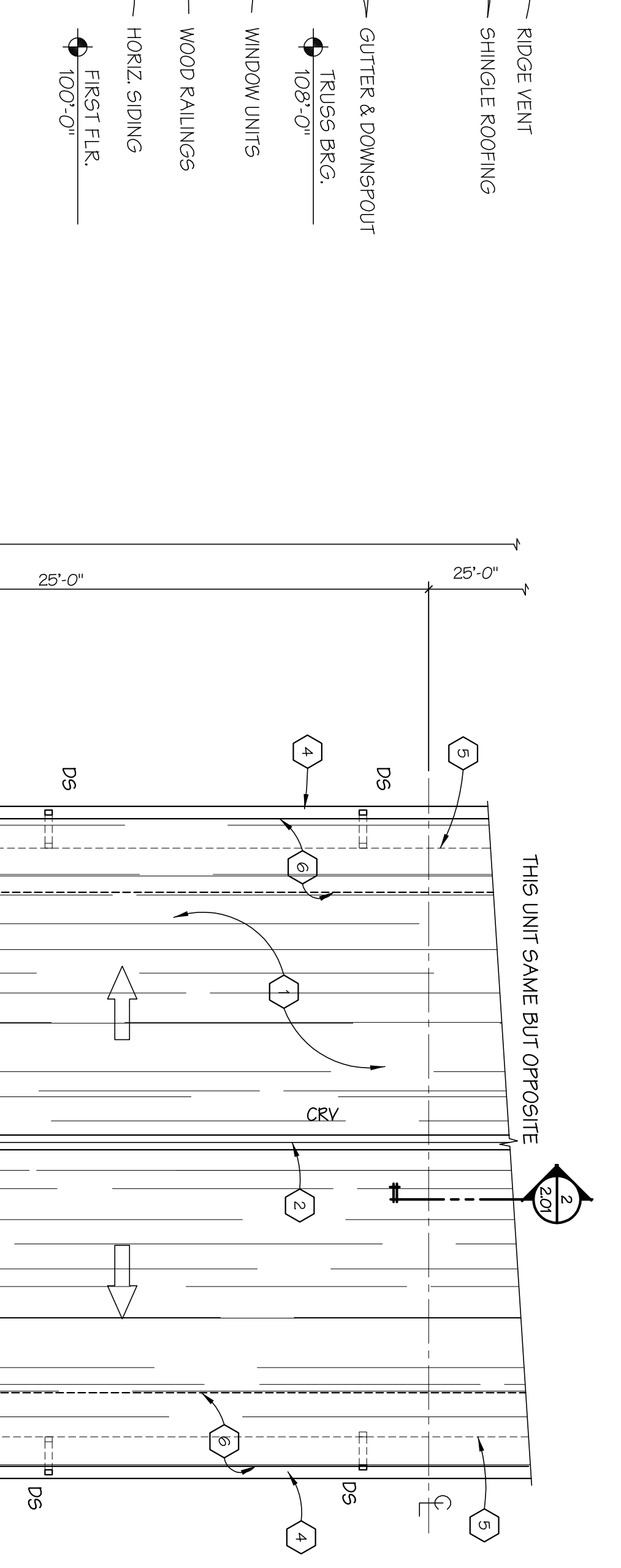
FRONT ELEVATION  
SCALE 1/4" = 1'-0"



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



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



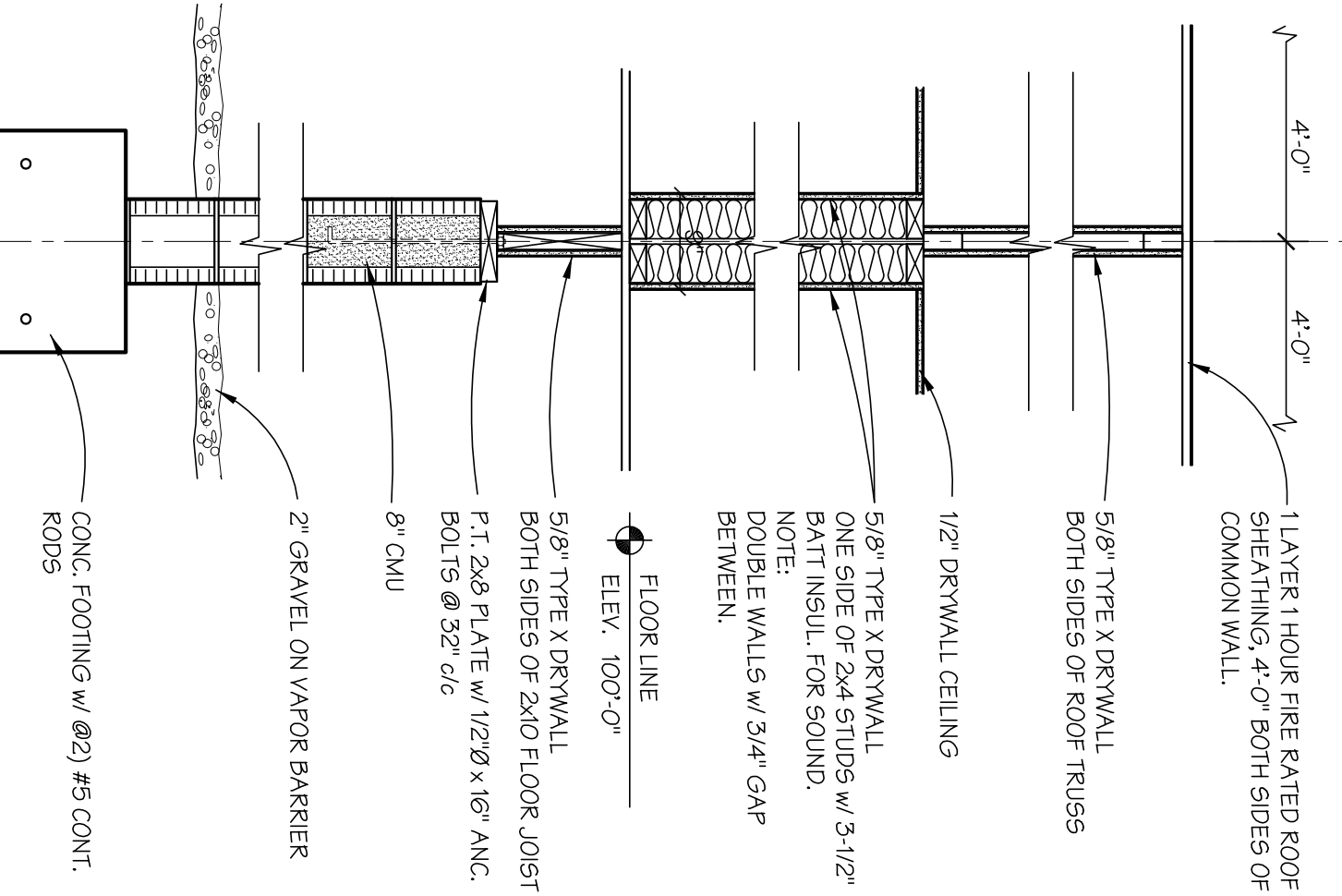
CODED NOTES	
1	30 YR. SHINGLES ON 30# FELT ON 5/8" SHEATHING ON WOOD TRUSSES
2	ROOF RIDGE LINE
3	VALLEYS TO BE FLASHED USING THE CLOSED / CUT METHOD.
4	5" METAL O.G. GUTTER
5	BUILDING LINE BELOW.
6	INSTALL 30" WIDE LAYER OF SELF-ADHERENT TYPE ICE GUARD MEMBRANE @ ALL ROOF EDGES ALONG GUTTER LINE & VALLEYS.

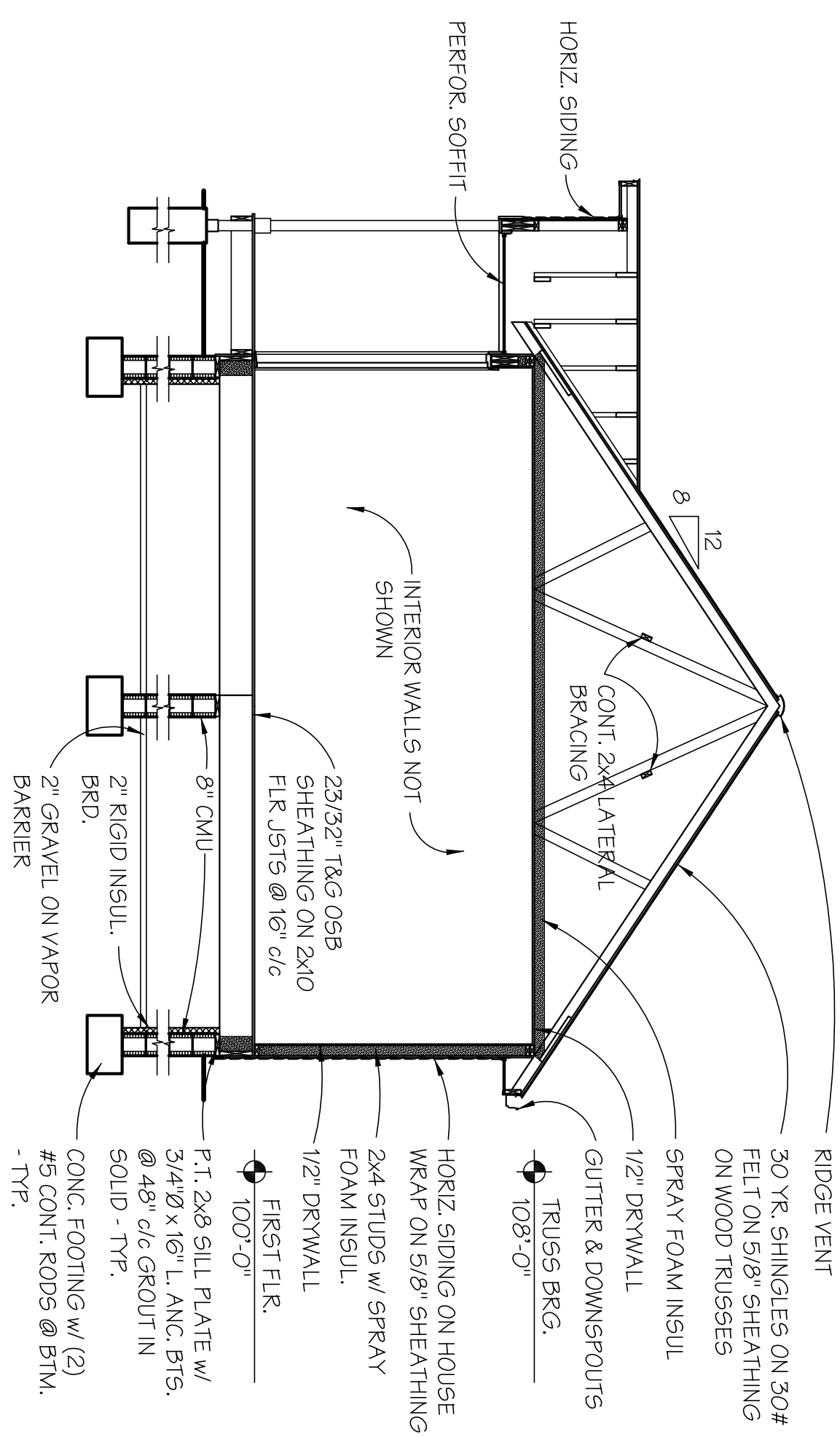
ABBREVIATIONS	
DS	= 2" x 3" CORE METAL DOWNSPOUT.
SB	= PRECAST CONCRETE SPLASH BLOCK
CV	= CONTINUOUS RIDGE VENT.

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

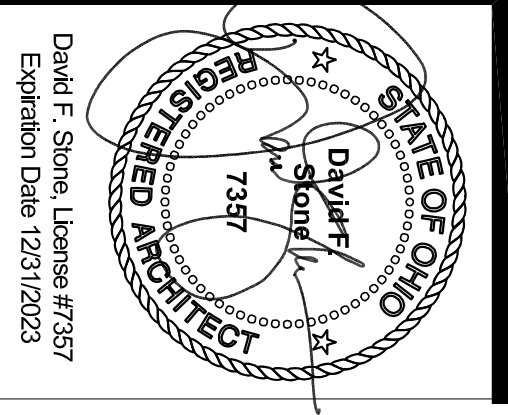
NOTE: DIMENSIONS SHOWN ARE NOMINAL. ACTUAL FIELD DIMENSIONS WILL VARY SLIGHTLY.



COMMON WALL (1 HOUR FIRE RATED)  
SECTION 2  
SCALE 3/4" = 1'-0"



TYP. SECTION 1  
SCALE 1/4" = 1'-0"



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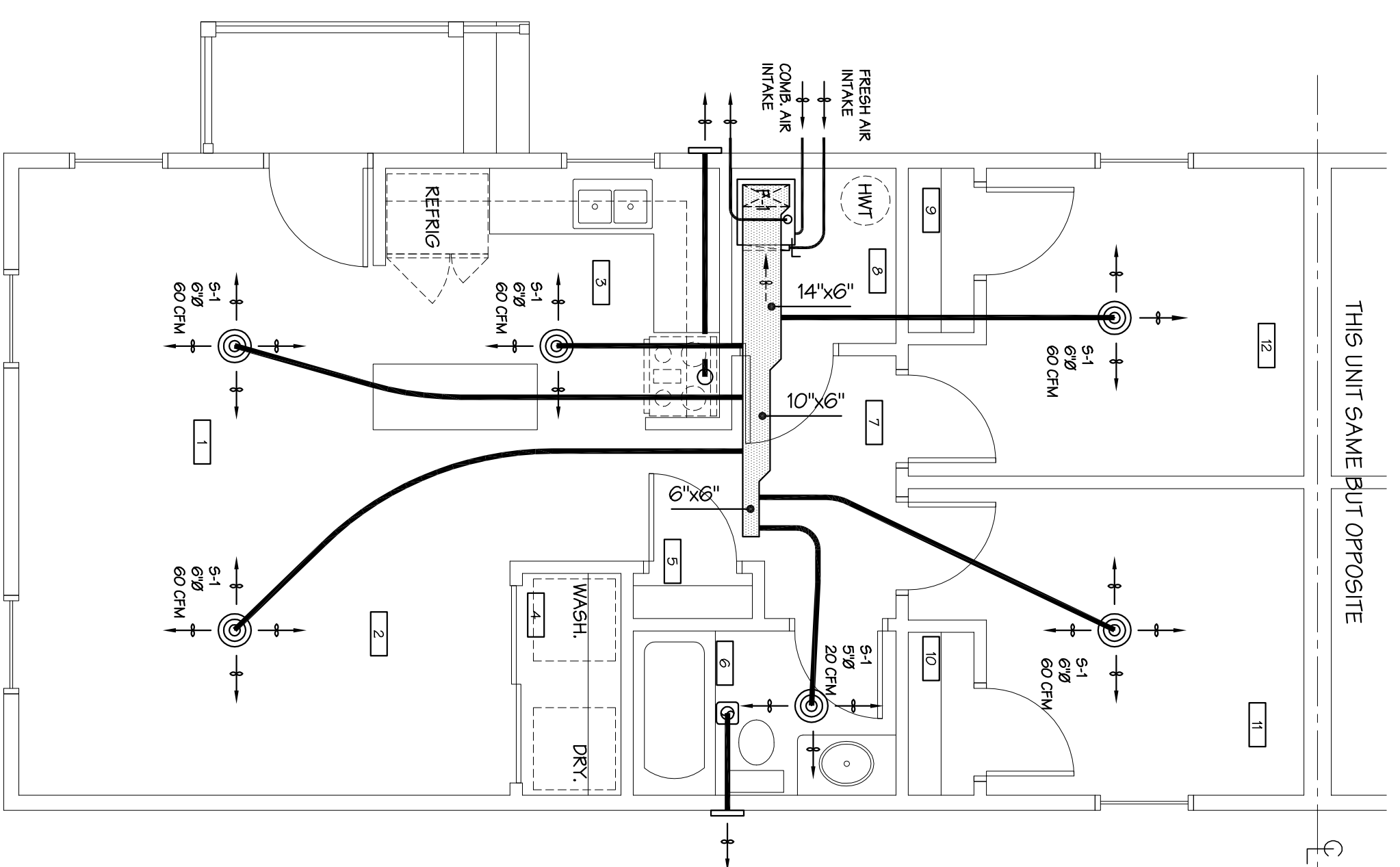
EXTERIOR  
ELEVATIONS &  
SECTION

Sheet Number  
**2.01**









HVAC  
FLOOR PLAN  
SCALE 1/4" = 1'-0"  
PLAN

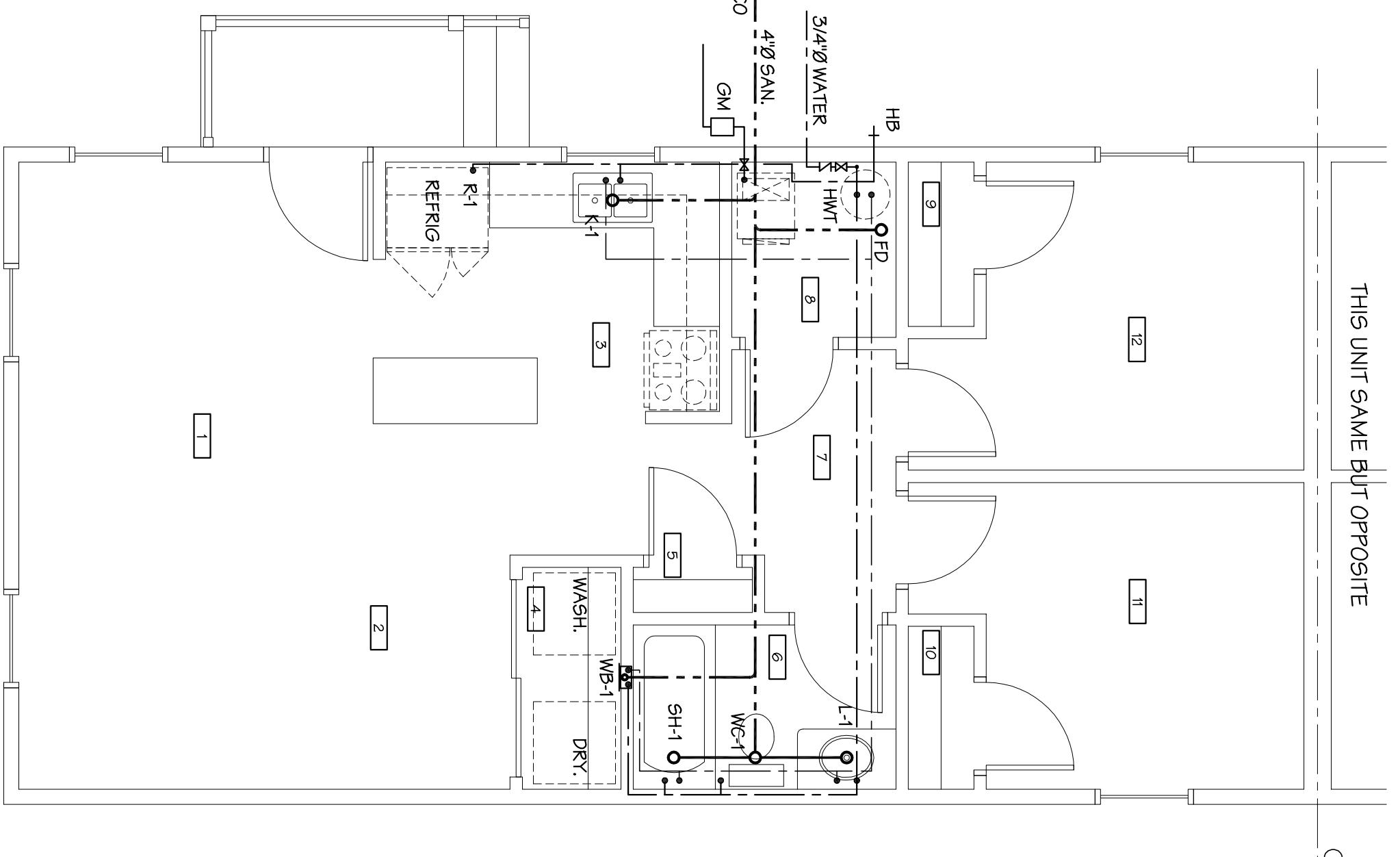
HVAC FIXTURE SCHEDULE	
EX-1	EXHAUST FAN, REFER TO ELECTRICAL DRAWINGS
F-1	FURNACE
S-1	CEILING SUPPLY REGISTER
R-1	CEILING RETURN REGISTER

HVAC GENERAL NOTES	
-	ALL EXTERIOR JUNGES AND OUTCROCK TO BE WEATHER SEALED AND INSULATED.
-	ALL HVAC EQUIPMENT SHALL BE HIGH EFFICIENCY AND MEET ANSI 90.1 - 2005 & DOD STANDARDS
-	ALL MAIN SUPPLY & RETURN DUCTWORK TO BE METAL.
-	BRANCH SUPPLIES TO BE FLEX DUCT
-	CONDENSATE DRAIN LINES ARE NOT PERMITTED TO BE RAN EXPOSED ON THE EXTERIOR OF BUILDINGS.
-	HVAC PLAN IS SCHEMATIC, ACTUAL DIFFUSER LOCATIONS AND DUCT LAYOUT IN FIELD ARE TO BE RAN FOR OPTIMUM EFFICIENCY & ENGE OF WORK.

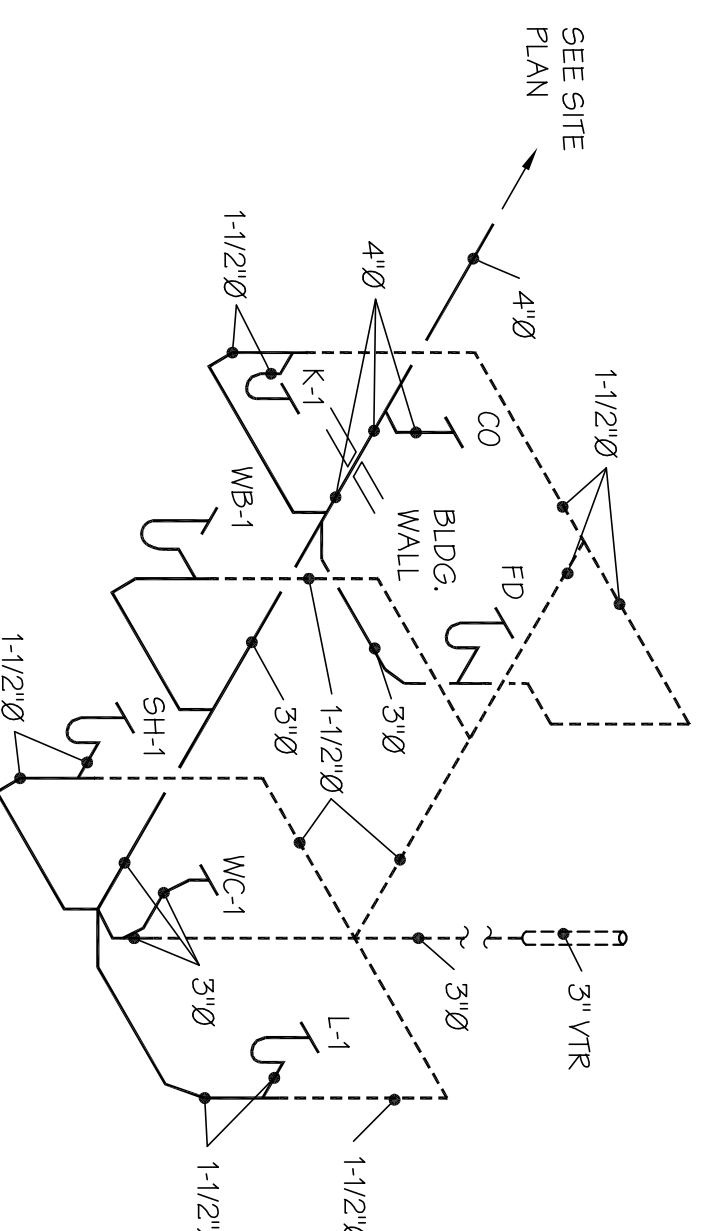
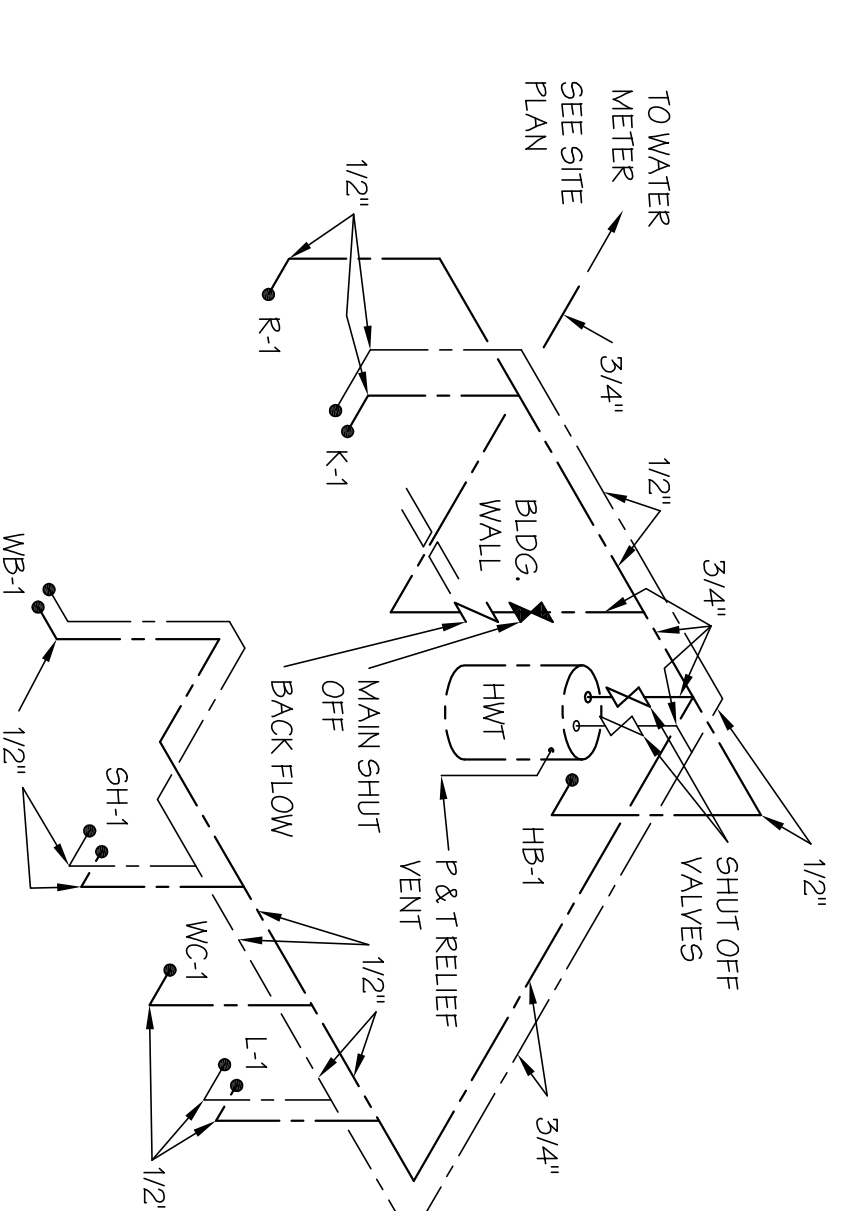
  

HVAC LEGEND	
	SUPPLY AIR DUCT
	RETURN AIR DUCT
	DUCT SIZE
	AIR FLOW
	DAMPER



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

WATER SUPPLY  
RISER DIAGRAM  
NOT TO SCALE



STACK ISOMETRIC  
NOT TO SCALE

ALL SANITARY & VENT PIPING TO BE SCH. 40 P.C.

PLUMBING LEGEND	
	COLD WATER PIPE (CW)
	HOT WATER PIPE (HW)
	SANITARY PIPE (SAN)
	GAS PIPING
	CLEAN OUT
	FLOOR DRAIN
	VENT THROUGH ROOF
	FIXTURE DESIGNATION (EXAMPLE)
	CONNECT NEW TO EXISTING AT THIS POINT

GENERAL PLUMBING NOTES	
o	SUPPLY / DRAIN LINES SHOWN ON PLAN ARE SCHEMATIC. EFFICIENCY & ENGE OF WORK.
o	PLACE ALL WATER LINES ON W/48" OR OF ANY BUILDING INSULATION. NONWATER LINES ARE TO BE RAN EXPOSED IN UNHEATED SPACES.
o	INDICATING MAIN WATER LINE IN CRAWL SPACE MUST BE PROTECTED BY INSULATION TO REVEAL FREEZING.

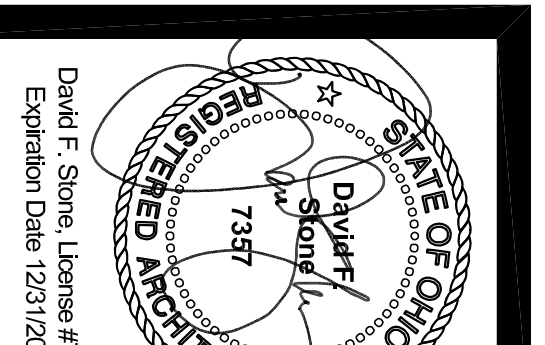
  

CODED NOTES	
1	

PLUMBING FIXTURE & ROUGH-IN SCHEDULE							REVISED
TAG	MANUFACTURER	MODEL #	DESCRIPTION	SUPPLY	SANITARY & VENT PIPING	NOTES	
HB			FROST PROOF HOSE BIBB	1/2"			
CO			CLEAN OUT				
MI/FAB			FLOOR DRAIN	3/8"	3/8"	3/8"	2/8"
FD			FLOOR DRAIN				
A.O. SMITH			30 GALL. ELECTRIC HOT WATER TANK	3/4"	3/4"		
KOHLER				1/2"	1/4"	1/4"	1/2"
ELKAY			DBL. BOWL S.S. SINK	1/2"	1/2"	1/2"	1/2"
KOHLER			TUB	1/2"	2"	1/4"	1/2"
DAVEY			WASHING MACHINE BOX	1/2"	1/2"		
KOHLER			F.L.R. MTD. TANK TYPE WATER CLOSET CLASSIC COMFORT HEIGHT SERIES	1/2"	3/8"	4/8"	2/8"
EASTMAN			REFRIGERATOR WATER / ICE CONNECTION	1/4"			

- GENERAL NOTES:
- ALL NEW FIXTURES TO BE PROVIDED w/ ALL NECESSARY ITEMS FOR COMPLETE INSTALLATION SUCH AS STOPS, SUPPLIES, TRAPS, FAUCETS & ETC.
  - ALL NEW SANITARY PIPING TO BE SCHEDULE 40 P.C.
  - ALL NEW FIXTURES, FACETS, CONTROLS, ETC. TO BE ADA COMPLIANT.
  - ALL EXPOSED SUPPLY LINES & DRAINS OF LAVATORY TO HAVE PROTECTIVE / INSULATING COVERINGS.
  - ALL WATER LINE PIPING TO BE COPPER w/ PROGRESS FITTINGS.
  - CONSULT OWNER FOR APPROVAL OF EQUAL MANUFACTURERS.
  - ALL FIXTURES MUST MEET WATER SENSE COMPLIANCE REQUIREMENTS.

- NOTES:
- ADA COMPLIANT FIXTURE w/ #K-4650 USTRALIA TOILET SEAT & #2637 ANGLE SUPPLY w/ STOP
  - WITH FAUCET BY CHICAGO BRASS SINCE BACK MOUNTED, CENTER REGISTER IS 5" FROM CENTER OF SINK. SUPPLY LINES TO BE RAN UNDER SINK. SUPPLY LINES TO BE RAN UNDER SINK. SUPPLY LINES TO BE RAN UNDER SINK.
  - W/ GUGE SEAL IN LINE FLOOR DRAIN TRAP SEALER
  - WITH FAUCET BY ELKAY AT 1000CK L659 GRAY, DELUXE TALL PEEDE, DRAIN PIPING / P-TRAP, ANGLE 9/16" & SUPPLY PIPING.
  - WITH POP UP DRAIN / OVERFLOW, P-TRAP, MOEN #2230456N CONTROLS, KOHLER #8104010 9 PEECE WALL SURROUND KIT



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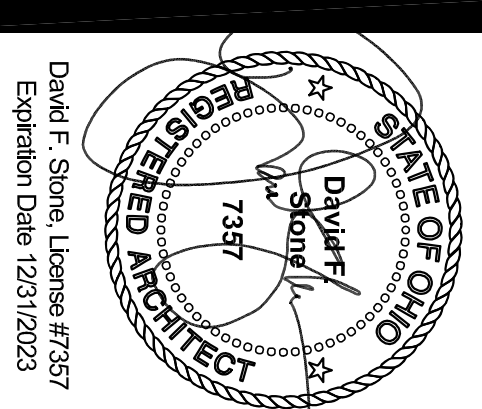
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PLUMBING &  
HVAC PLANS

Sheet Number

M-1





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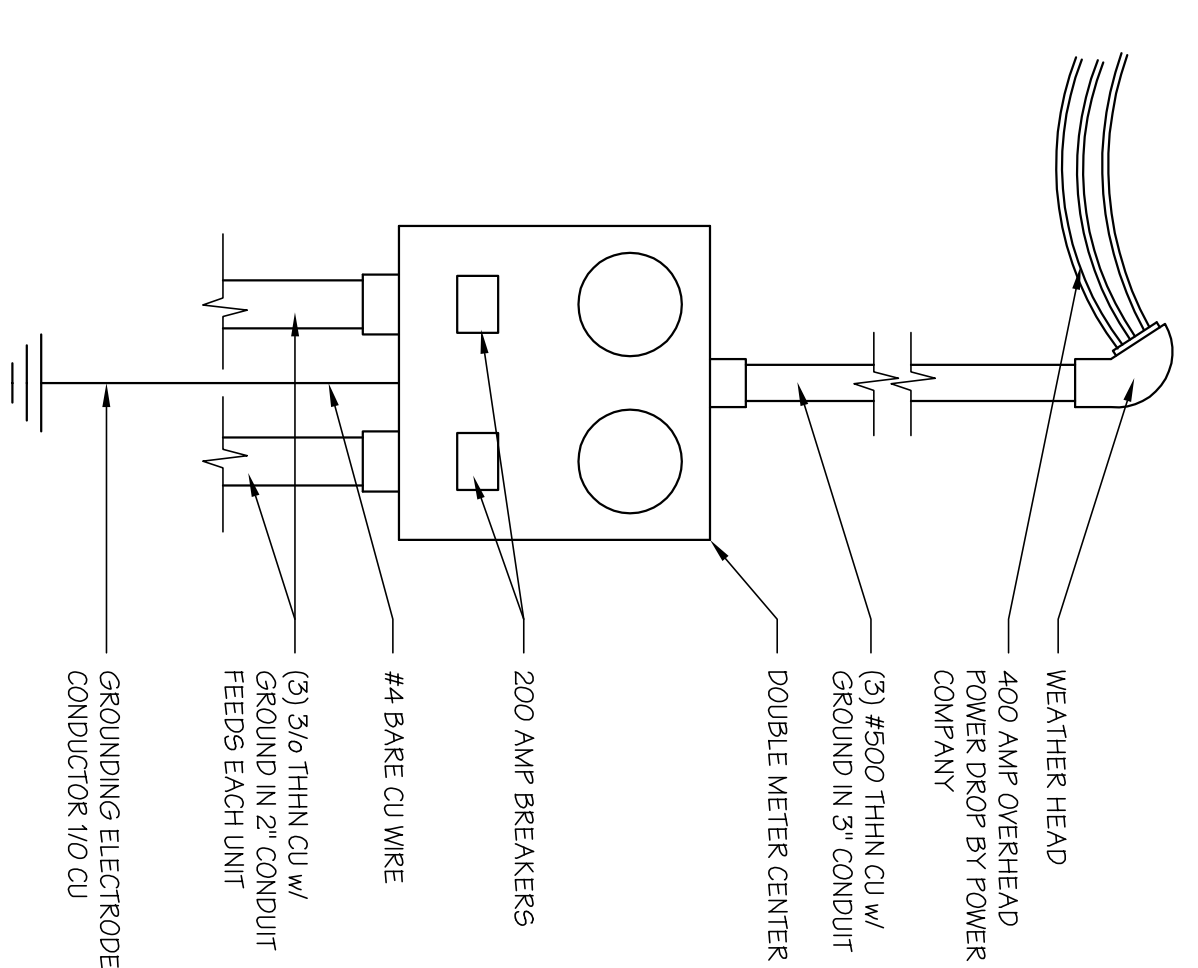


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**ELECTRICAL LEGEND**

- NOT ALL DEVICES WILL BE USED ON EVERY PROJECT
- ① JUNCTION BOX
  - Ⓜ MOTOR, FRACTIONAL HORSEPOWER
  - Ⓢ CEILING MTD. SMOKE / CARBON MONOXIDE DETECTOR HARD WIRED TO LOCAL LIGHT FIXTURE & W/ BATTERY BACK UP. DETECTORS MUST BE INTERCONNECTED W/ ALL OTHER DETECTORS WITHIN THE UNIT.
  - Ⓛ DISCONNECT SWITCH
  - E.C. ELECTRICAL CONTRACTOR
  - # INDICATES PANEL & CIRCUIT NUMBER
  - Ⓢ CEILING/RECESSED LIGHT FIXTURE SWITCH - 1 POLE - 48" A.F. (UNDO.) MOTION ACTIVATED W/ AUTO SHUT OFF
  - Ⓢ 3 WAY SWITCH - 48" A.F. (UNDO.)
  - Ⓢ LIGHT FIXTURE WITH PULL CHAIN
  - EXIT / EMER LIGHT COMBO. UNIT FIXTURE W/ REMOTE EGRESS LIGHTING HEAD
  - EMER. LIGHTING UNIT FIXTURE
  - 120 VOLT DUPLEX RECEPTACLE
  - 120 VOLT FLOOR RECEPTACLE W/ COVER.
  - 120 VOLT EXTERIOR DUP. EX RECEPTACLE
  - 240 VOLT OUTLET
  - PHONE JACK - COORDINATE LOCATION W/ OWNER
  - CABLE TV OUTLET - COORDINATE LOCATION W/ OWNER
  - Ⓢ CEILING MTD. STRIP LIGHTING FIXTURE
  - GFCI GROUND FAULT CIRCUIT INTERRUPTER TYPE RECEPTACLE
  - GFCI-2 RECEPTACLE PROTECTED BY GROUND BREAKER IN PANEL
  - Ⓜ WEATHER PROOF ENCLOSURE W/ SWAMP CLOSURE COVER



**SERVICE ENTRANCE DIAGRAM**  
NOT TO SCALE

**OUTDOOR COMPRESSORS**

OD-1 COOLER OUTDOOR COMPRESSOR UNIT.
--------------------------------------

**GENERAL ELECTRICAL NOTES**

- ALL WIRING SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE.
- ALL BRANCH WIRING TO BE IN ACCORDANCE WITH NFPA 70.
- MANUFACTURERS LISTED ARE FOR TYPE OF FIXTURES PLANNED, APPROVED EQUIVALS ACCEPTED AT OWNERS DISCRETION.
- ELECTRICAL LAYOUT IS SCHEMATIC, ACTUAL DEVICE LOCATIONS, WIRING RINGS IN FIELD ARE TO BE RAN FOR OPTIMUM EFFICIENCY & EASE OF WORK.

**NEW PANEL: LA**

LOCATION:	B	MOUNTING:	RECESSED
CONN. LOAD:	29,559	DEMAND LOAD:	23,67
MAINS:	200 AMP MAIN	VOLTAGE:	120 / 240 VØ
MFR:	-		

REMARKS	KVA	BKR	CCT NO.	BKR	KVA	REMARKS			
REC	0.90	1	20	1	20	0.96 REC			
REC	0.36	1	20	3	4	1	20	0.99	LTG
WASHER	1.00	1	20	5	6	1	20	1.00	REFRIG.
REC	0.36	1	20	7	8	1	20	1.00	FURNACE
LTG	0.14	1	20	9	10	1	20	0.90	REC
LTG	0.08	1	20	11	12	1	20	0.90	REC
DRYER	5.50	2	13	14	2	20	0.90	RANGE	
			30	15	16		90		
OD-1	8.50	2	17	17	18				
			50	19	20				
			21	21	22				
			23	23	24				
			25	25	26				
			27	27	28				
			29	29	30				
			31	31	32				
			33	33	34				
			35	35	36				
			37	37	38				
			39	39	40				
			41	41	42				

**FIXTURE SCHEDULE**

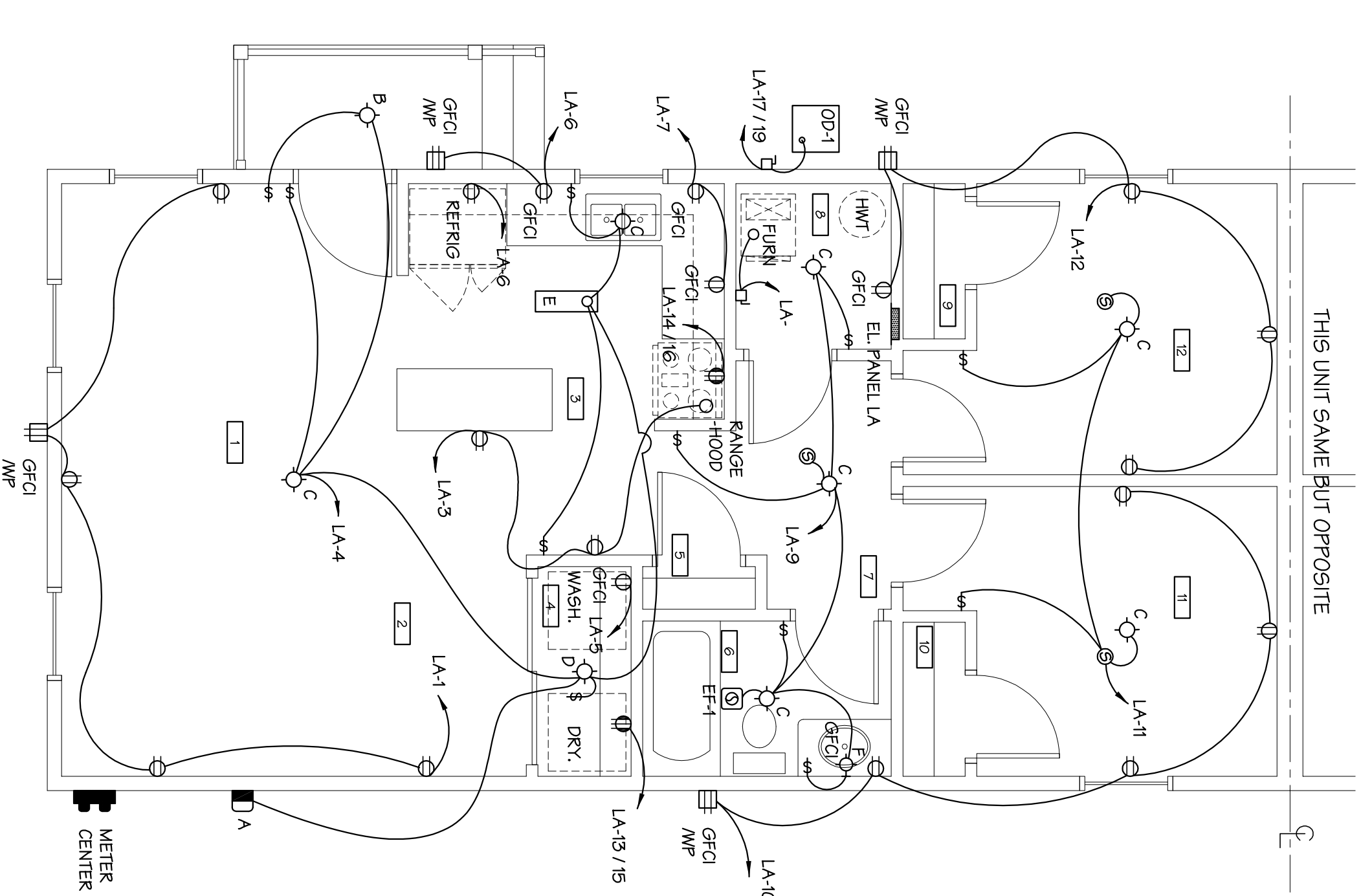
- A = EXTERIOR LED WALL PACK BY LITHONIA #TW5-LED-P1 -50K-MVOLT-PE-DDE 120 VOLTS, 18 WATTS
- B = EXTERIOR LED SOFFIT LIGHT BY LITHONIA #WF-JB-U 120 VOLTS, 8.14 WATTS
- C = SURFACE MTD. CEILING LIGHT BY LITHONIA #FMM-L-13940-120 VOLTS, 28 WATTS
- D = SURFACE MTD. CEILING PORCELAIN LIGHT SOCKET W/ PULL CHAIN, 120 VOLTS, W/ LED BULB BY OTHERS (60 WATT EQUIVALENT) 9 WATTS
- E = 6" x 24" SURFACE MTD. LED PANEL LIGHT FIXTURE BY WAC LIGHTING # WS-224, 120 VOLTS, 20.5 WATTS
- F = BATH ROOM SURFACE MTD. WALL LIGHT BY LITHONIA #FHWCL5-24IN, 120 VOLTS, 20.5 WATTS
- EF-1 = EXHAUST FAN BY BROAN #QTXE90C 90 CFM 120 VOLTS, 25.7 WATTS ØØ DUCT, WALL LOUVER W/ INSECT SCREEN, 90 CFM
- HWT = GAS HOT WATER TANK, REFER TO HVAC DWGS.
- Ⓢ CEILING MOUNTED SMOKE / CARBON MONOXIDE ALARM, HARDWIRED W/ BATTERY BACK UP, INTERCONNECTED WITH OTHER ALARMS, 120 VOLT, 10.8 WATTS
- RANGE = 30" WIDE DUCTED UNDER CABINET RANGE HOOD BY BROAN #4000 SERIES, COLOR SELECTED BY OWNER.

**WIRING SCHEDULE**

WIRING: UNLESS NOTED OTHERWISE ON THE DRAWINGS, ALL WIRING SHALL BE COPPER. THE MINIMUM COPPER WIRE SIZES FOR DRY AREAS, AS DEFINED BY THE NATIONAL ELECTRIC CODE, SHALL BE AS FOLLOWS:

- 20 AMP. CIRCUIT BREAKER OR FUSE = #12 AWG. THHN
- 30 AMP. CIRCUIT BREAKER OR FUSE = #10 AWG. THHN
- 40 AMP. CIRCUIT BREAKER OR FUSE = #8 AWG. THHN
- 50 AMP. CIRCUIT BREAKER OR FUSE = #8 AWG. THHN
- 100 AMP. CIRCUIT BREAKER OR FUSE = #3 AWG. THHN
- 125 AMP. CIRCUIT BREAKER OR FUSE = #1 AWG. THHN
- 200 AMP. CIRCUIT BREAKER OR FUSE = #3/0 AWG. THHN

CONDUCTORS INSTALLED IN DAMP OR WET AREAS, AS DEFINED BY THE NATIONAL ELECTRIC CODE, SHALL BE THHN OR XHHW COPPER.



**ELECTRICAL FLOOR PLAN**  
SCALE 1/4" = 1'-0"

**SCIOTO COUNTY COMMUNITY ACTION ORGANIZATION**  
SCIOTO COUNTY, OHIO

**NEW DUPLEX RESIDENCE PROJECT FOR**

Drawn By	Date
T. Jones	3-17-2023
Checked	Comm. No.
DFS	2301

Sheet Number  
**E-1**