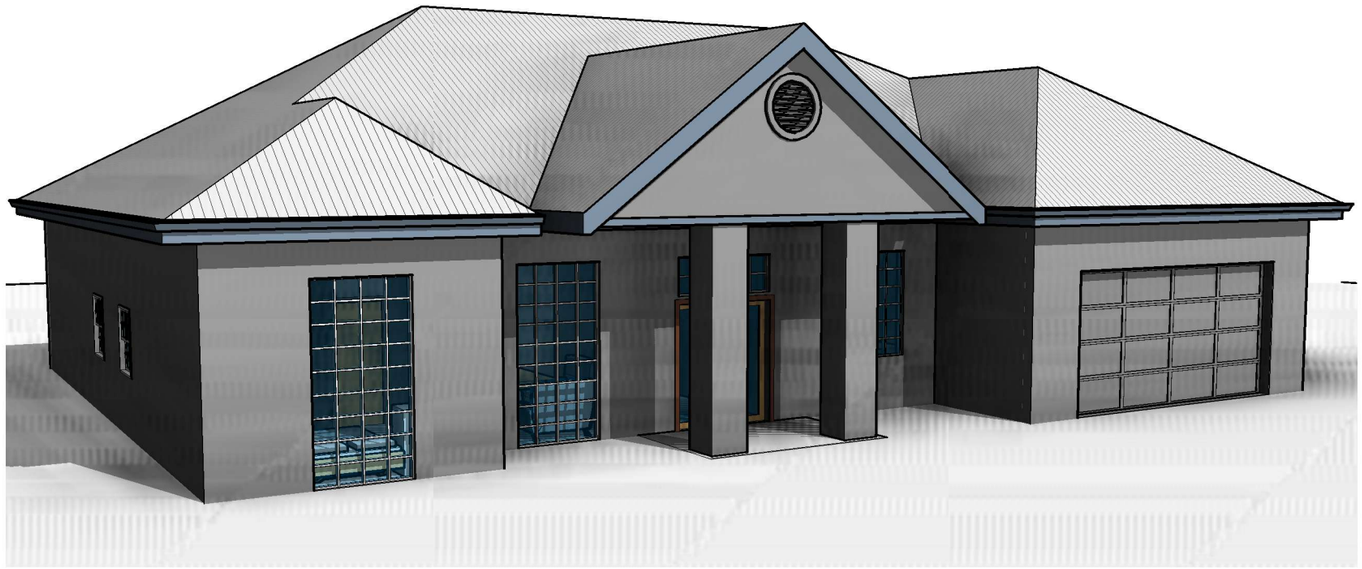
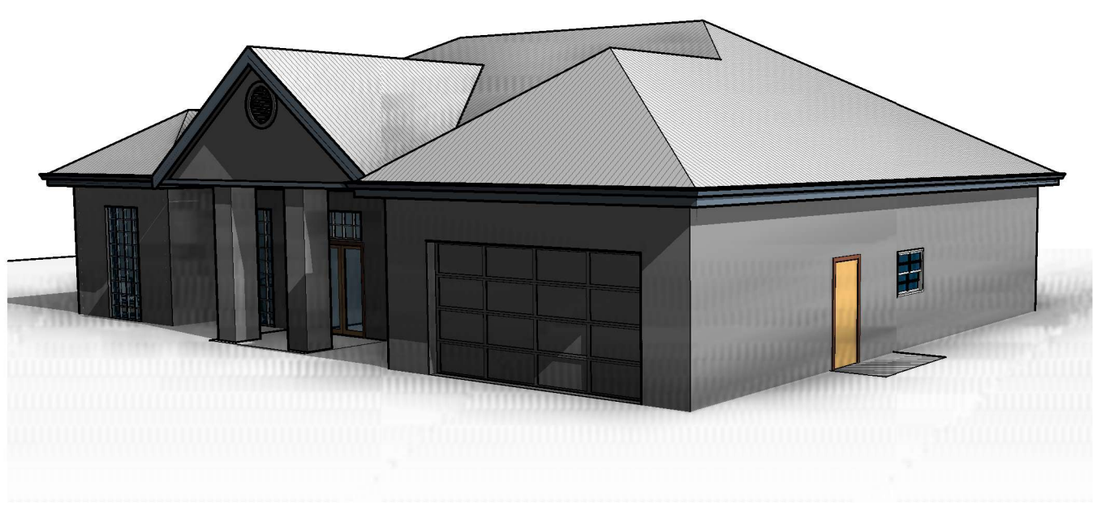
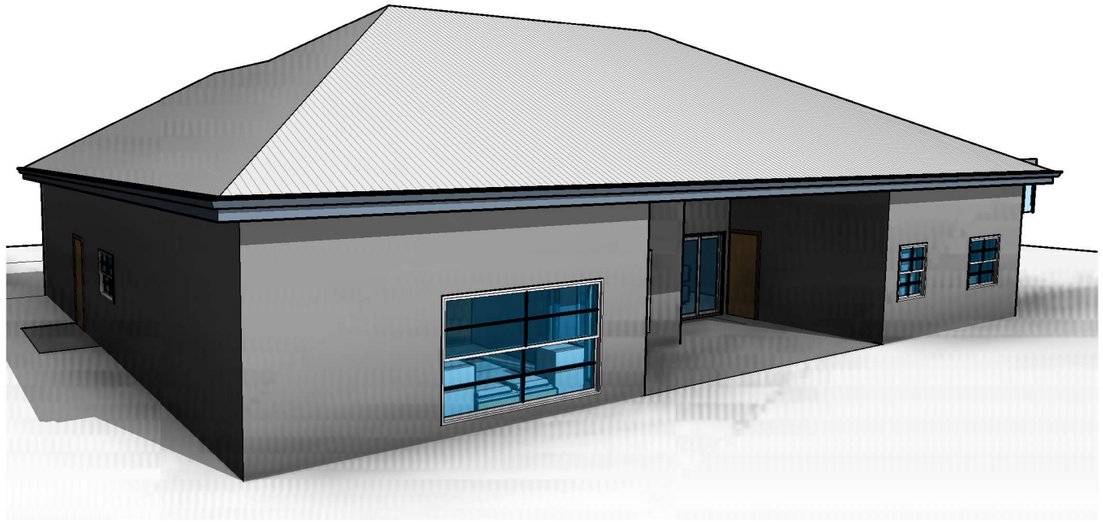


1 3D View 1

DRAWING LIST	
D1	COVER SHEET
D2	FLOOR PLAN
D3	ROOF PLAN
D4	SECTION
D5	ELEVATION WEST & SOUTH
D6	ELEVATION NORT & EAST
D7	DOOR SCHEDULE
D8	WINDOW SCHEDULE
D9	FOUNDATION PLAN
D10	ELECTRICAL LEGEND
D11	ELECTRICAL PLAN
D12	HVAC SYSTEM
D13	PLUMBING DETAILS AND NOTES
D14	WATER SUPPLY SYSTEM
D15	SEWERAGE PLAN



3 3D View 2



2 3D View 3





THIS SHEET

COVER SHEET

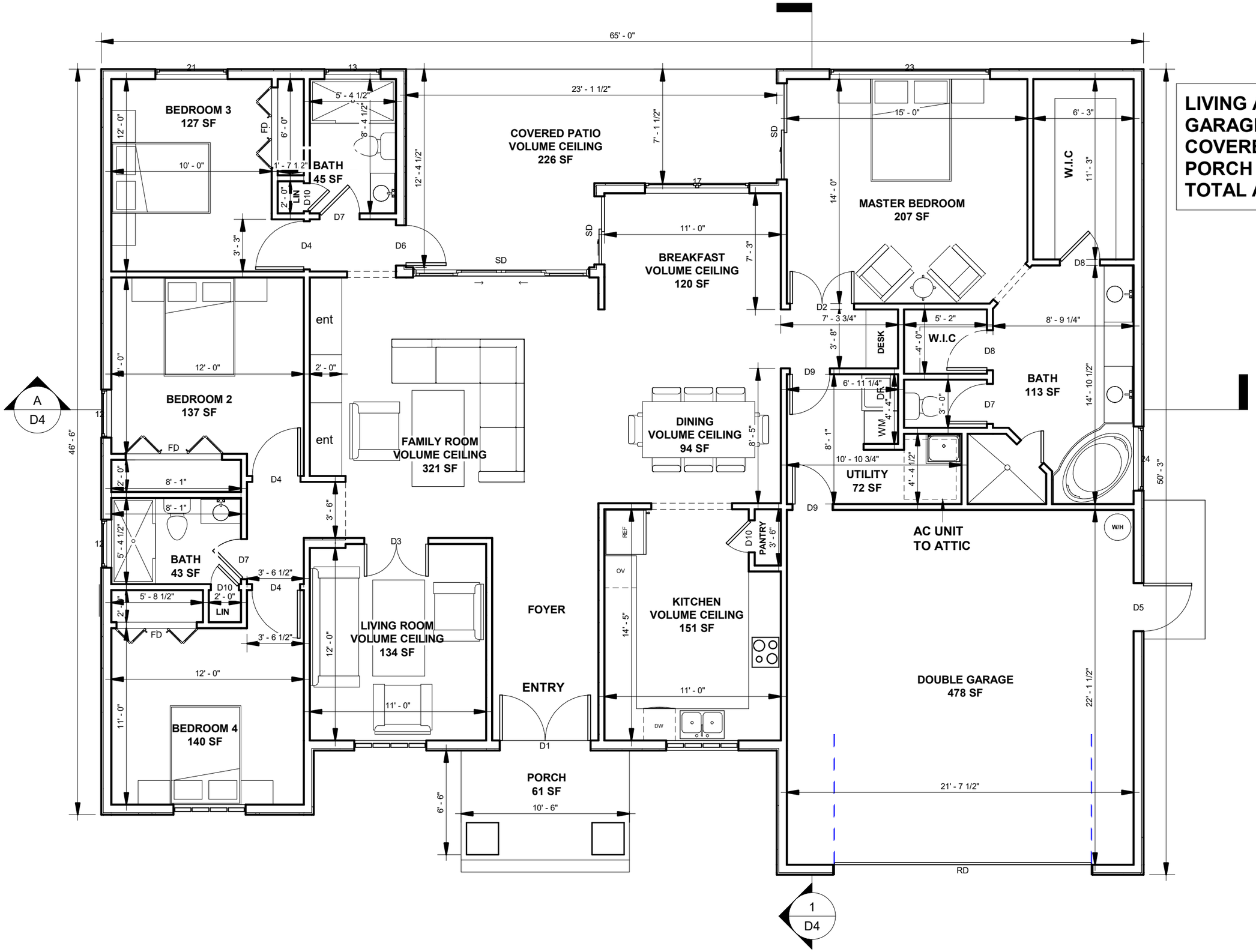
DATE:

Issue Date

SHEET NUMBER

D1

LIVING AREA	: 2247 SQFT
GARAGE AREA	: 519 SQFT
COVERED PATIO	: 226 SQFT
PORCH	: 61 SQFT
TOTAL AREA	: 3053 SQFT







THIS SHEET

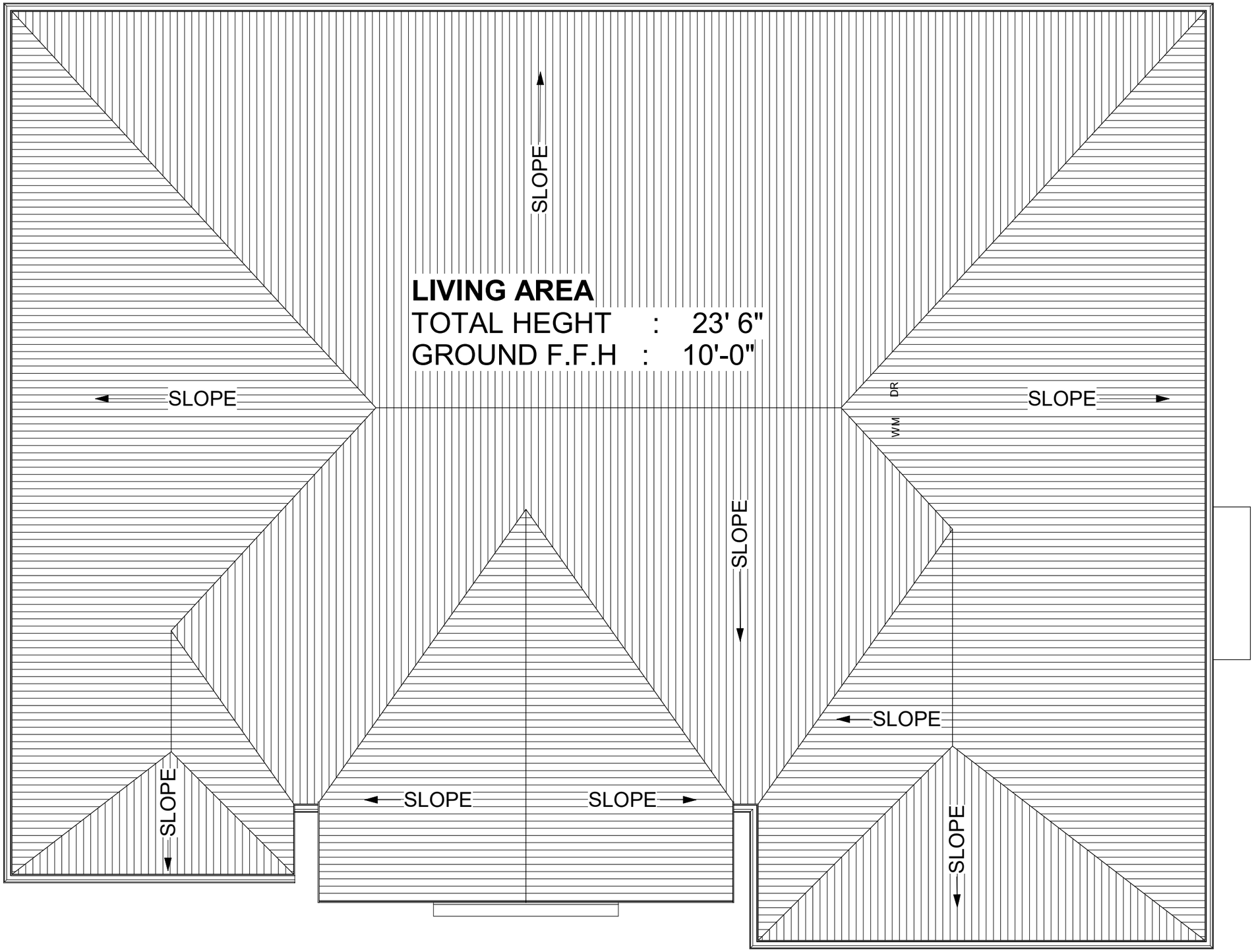
FLOOR PLAN

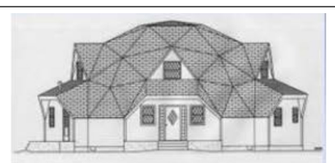
DATE:

Issue Date

SHEET NUMBER

D2







THIS SHEET

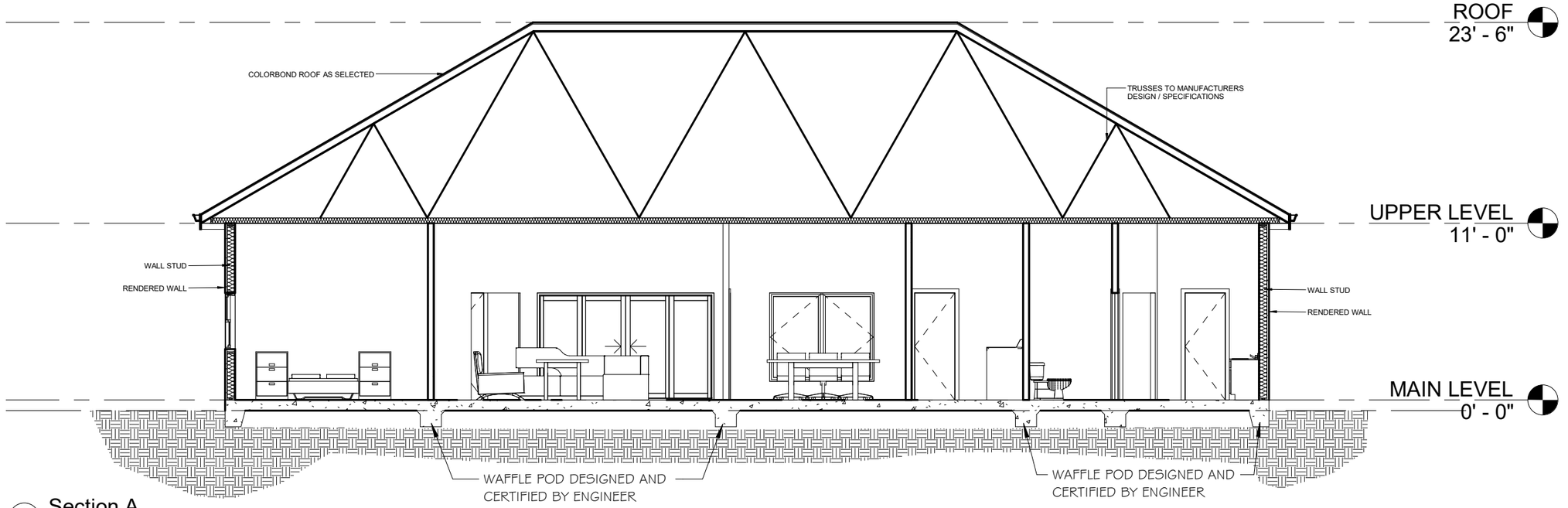
ROOF PLAN

DATE:

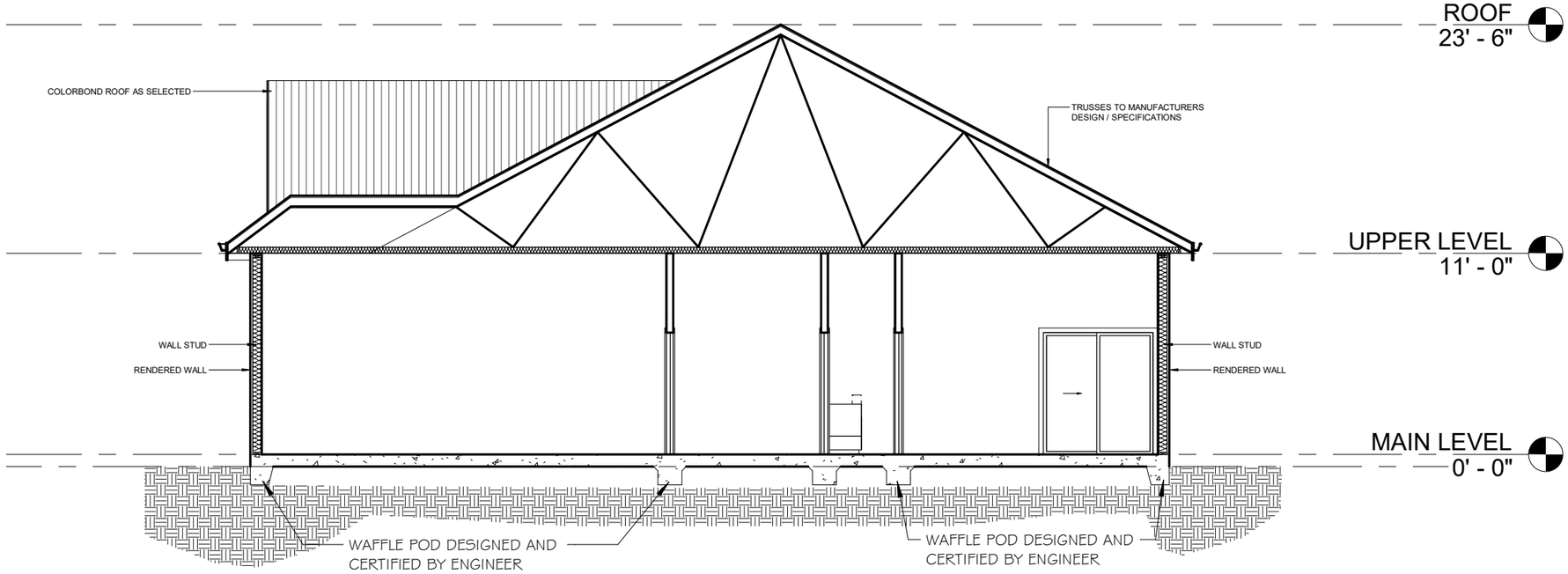
Issue Date

SHEET NUMBER

D3



A Section A
1 : 90



1 Section b
1 : 90





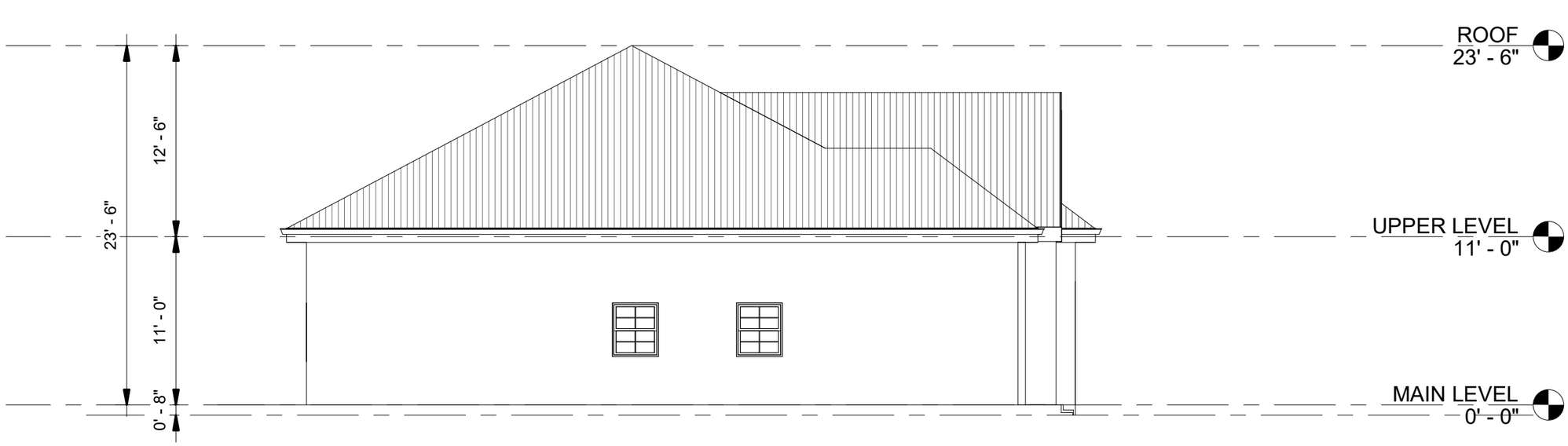
THIS SHEET
SECTION

DATE:
Issue Date

SHEET NUMBER
D4



1 South
1/8" = 1'-0"



2 West
1/8" = 1'-0"





THIS SHEET

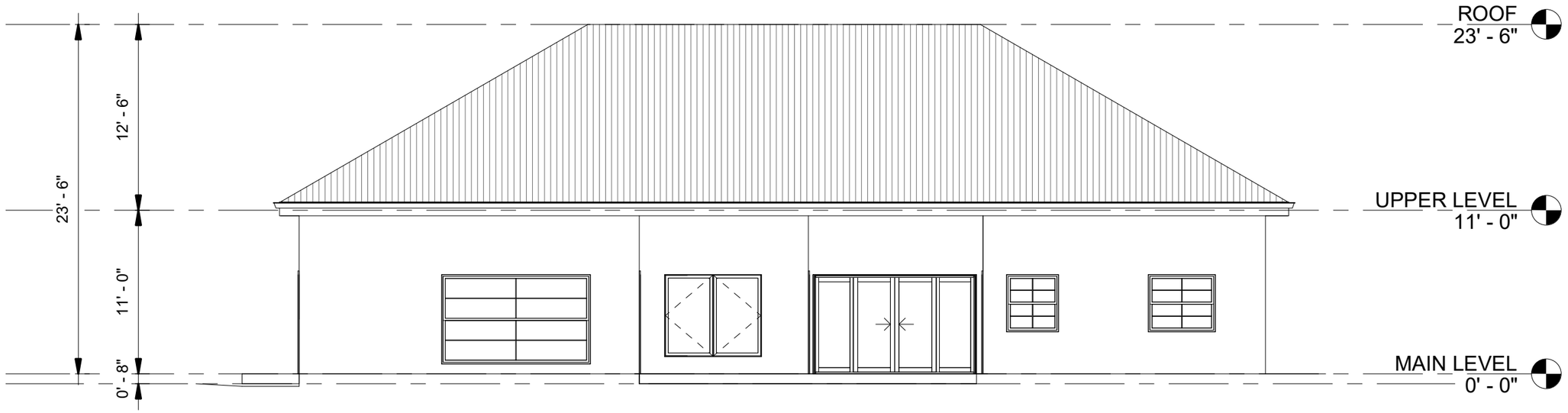
ELEVATION WEST & SOUTH

DATE:

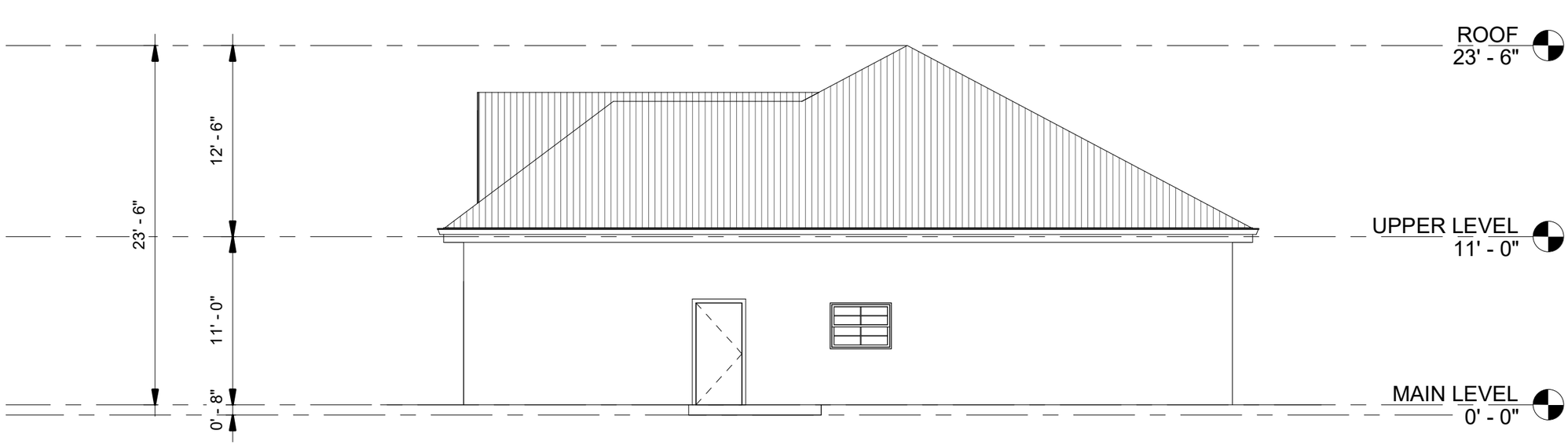
Issue Date

SHEET NUMBER

D5



1 North
1/8" = 1'-0"



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





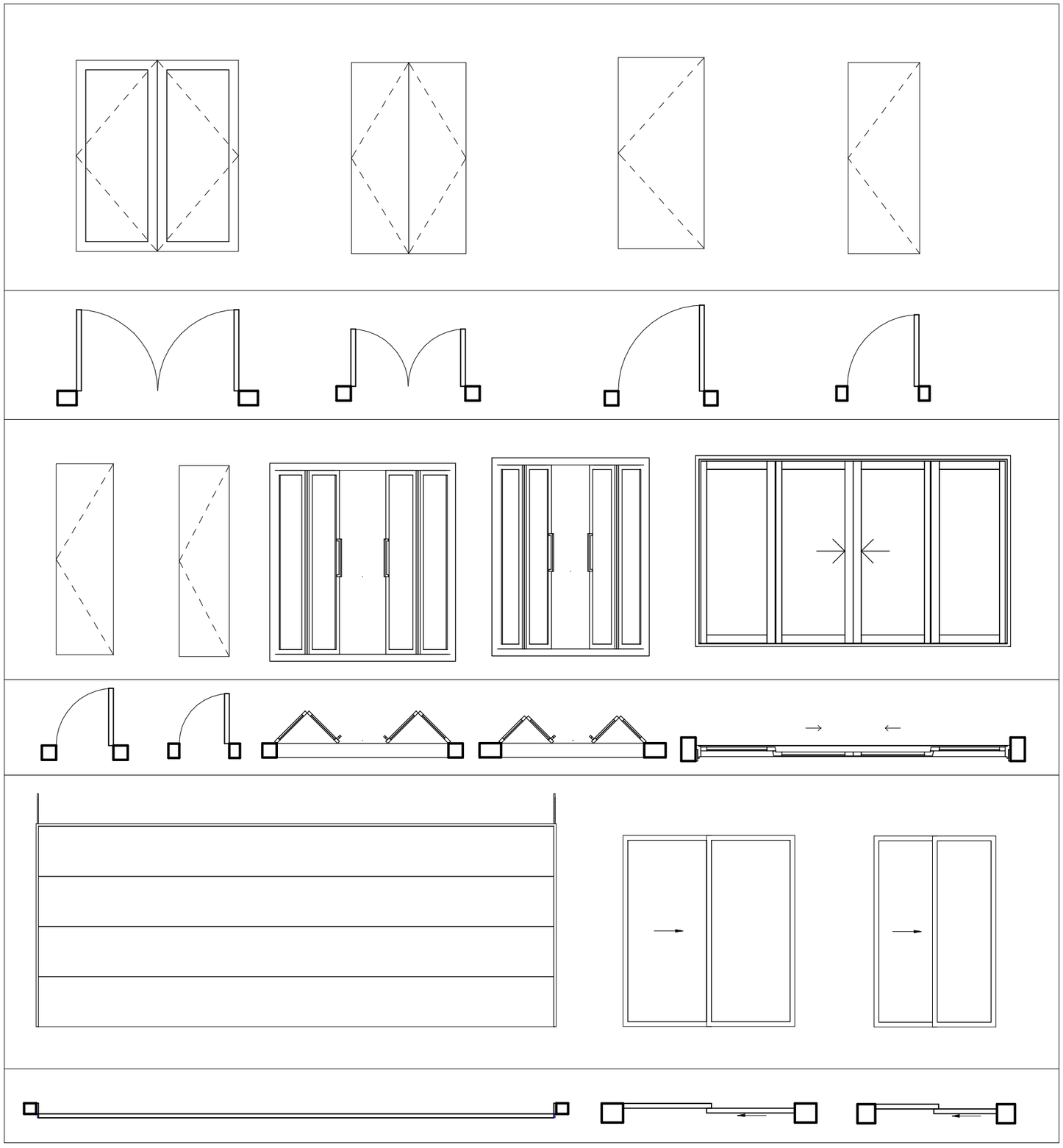
THIS SHEET
ELEVATION NORT & EAST

DATE:
Issue Date

SHEET NUMBER
D6

DOOR SCHEDULE

Mark	HEIGHT	WIDTH	Description	Count
D1	6' - 8"	5' - 8"	FRONT ENTRY DOOR	1
D2	6' - 8"	4' - 0"	BED ACCESS DOOR	1
D3	6' - 8"	4' - 0"	LIVING ROOM ACCESS DOOR	1
D4	6' - 8"	3' - 0"	BED ACCESS DOOR	1
D4	6' - 8"	3' - 0"	BED ACCESS DOOR	1
D4	6' - 8"	3' - 0"	BED ACCESS DOOR	1
D5	6' - 8"	3' - 0"	OUT ACCESSS DOOR	1
D6	6' - 8"	2' - 6"	PATIO ACCESS DOOR	1
D7	6' - 8"	2' - 6"	BATH ACCESS DOOR	1
D7	6' - 8"	2' - 6"	BATH ACCESS DOOR	1
D7	6' - 8"	2' - 6"	BATH ACCESS DOOR	1
D8	6' - 8"	2' - 6"	W.I.C ACCESS DOOR	1
D8	6' - 8"	2' - 6"	W.I.C ACCESS DOOR	1
D9	6' - 8"	2' - 6"	UTILITY ACCESS DOOR	1
D9	6' - 8"	2' - 6"	UTILITY ACCESS DOOR	1
D10	6' - 8"	1' - 9"	PANTRY & LIN ACCESS DOOR	1
D10	6' - 8"	1' - 9"	PANTRY & LIN ACCESS DOOR	1
D10	6' - 8"	2' - 0"	PANTRY & LIN ACCESS DOOR	1
D10	6' - 8"	2' - 0"	PANTRY & LIN ACCESS DOOR	1
FD	6' - 8"	6' - 0"	ROBE FOLDING DOOR	1
FD	6' - 8"	5' - 0"	ROBE FOLDING DOOR	1
FD	6' - 8"	5' - 0"	ROBE FOLDING DOOR	1
RD	8' - 0"	16' - 0"	GARAGE LIFT DOOR	1
SD	6' - 8"	11' - 0"	PATIO ACCESS DOOR	1
SD	6' - 8"	6' - 0"	PATIO ACCESS DOOR	1
SD	6' - 8"	4' - 3"	PATIO ACCESS DOOR	1







THIS SHEET

DOOR SCHEDULE

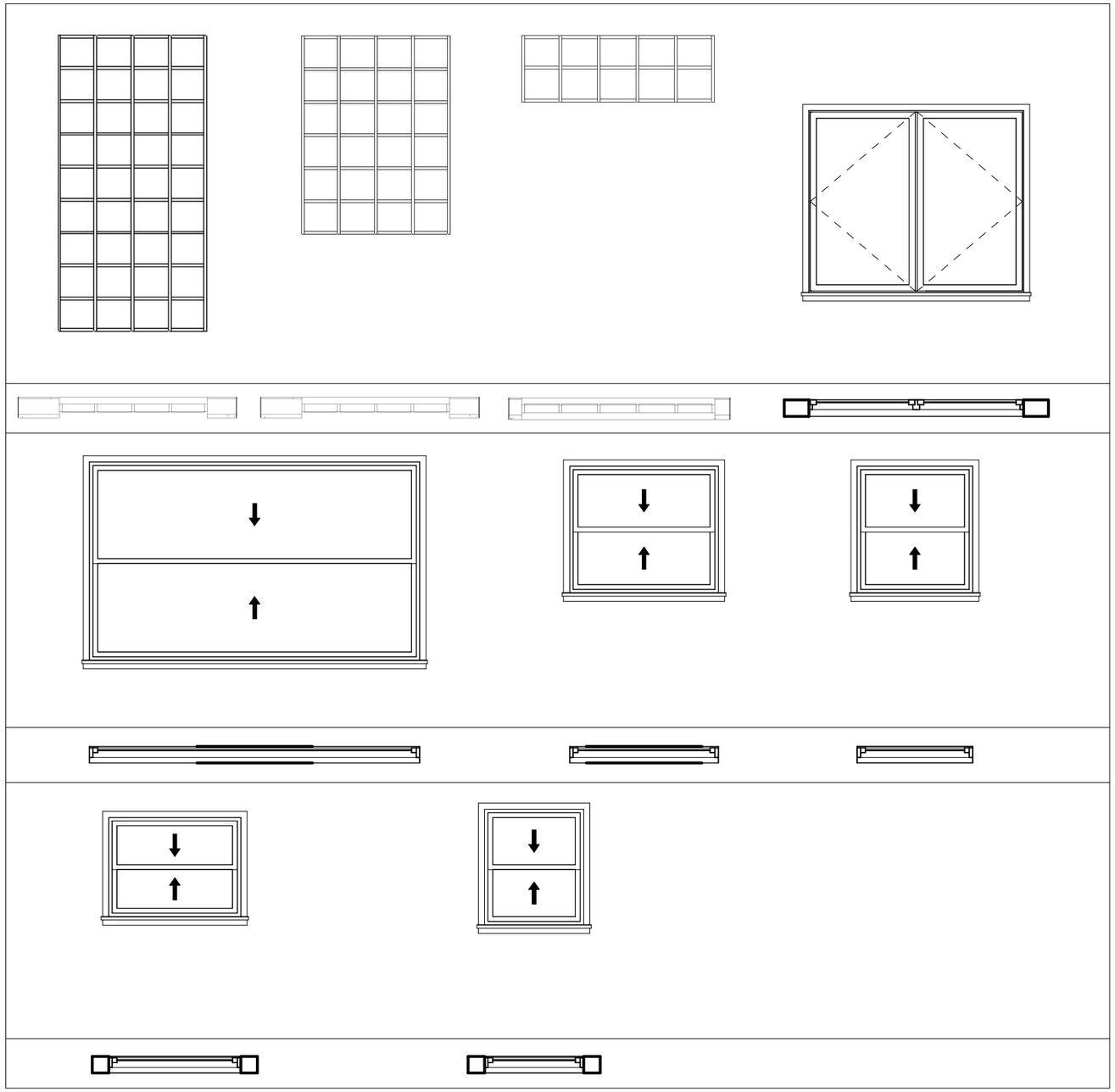
DATE:

Issue Date

SHEET NUMBER

D7

Window Schedule				
Mark	Height	Width	Head Height	Count
W1	9' - 0"	4' - 6"	9' - 0"	1
W2	6' - 0"	4' - 6"	9' - 0"	1
W3	2' - 0"	5' - 8"	9' - 0"	1
W4	5' - 6"	6' - 6"	6' - 8"	1
W5	6' - 0"	10' - 0"	6' - 8"	1
W6	3' - 10"	4' - 6"	6' - 8"	1
W7	3' - 10"	3' - 6"	6' - 8"	1
W8	3' - 0"	4' - 0"	6' - 8"	1
W9	3' - 6"	3' - 0"	6' - 8"	1
W9	3' - 6"	3' - 0"	6' - 8"	1







THIS SHEET

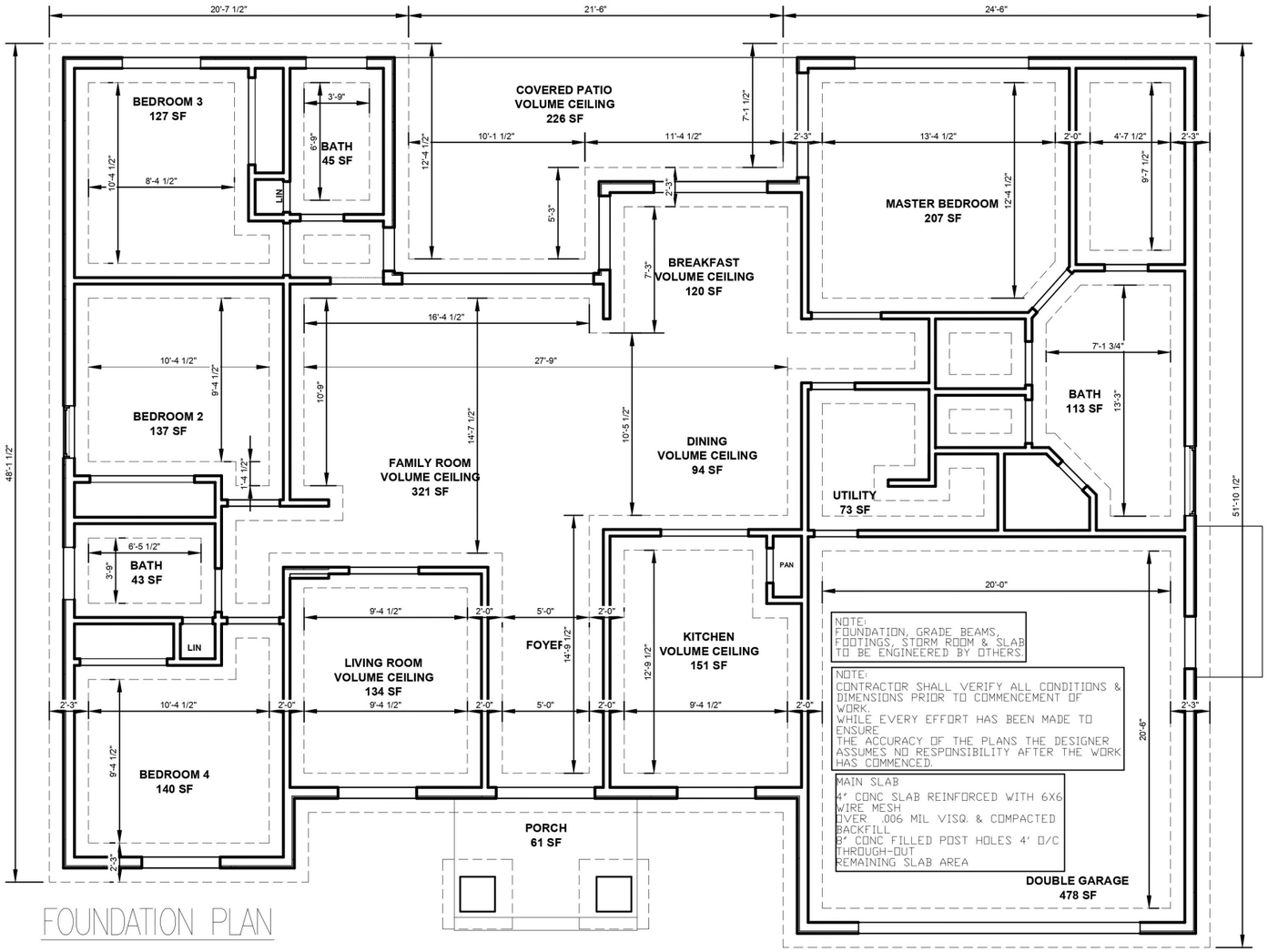
WINDOW SCHEDULE

DATE:

Issue Date

SHEET NUMBER

D8



FOUNDATION PLAN

FOUNDATION PLAN NOTES:

* HOLD-DOWN HARDWARE MUST BE SECURED IN PLACE PRIOR TO FOUNDATION INSPECTION.
* HOLD-DOWNS CONNECTOR BOLTS INTO WOOD FRAMING REQUIRE APPROVED PLATE WASHERS, AND HOLD-DOWNS SHALL BE TIGHTENED JUST PRIOR TO COVERING THE WALL FRAMING.
* PROVIDE PLATE WASHERS FOR SILL PLATE A.B. HOLDDOWN A.B. & H.D. POST BOLTS AS BELOW.

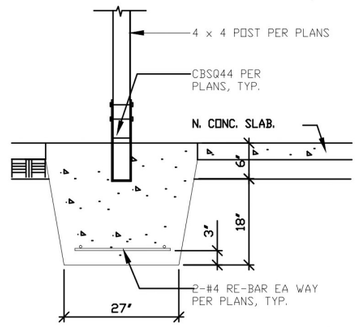
FOR ANCHOR BOLT SIZE	USE PLATE SIZE
5/8"	1/4" x 3" x 3"

* FASTENERS IN PRESERVATIVE-TREATED OR FIRE-RETARDANT-TREATED WOOD (I.E. ANCHOR BOLTS, NAILS, SCREWS, ETC.) SHALL BE OF HOT-DIPPED ZINC-COATED GALVANIZED STEEL IN ACCORDANCE WITH ASTM A 153.

SHEAR PANEL SCHEDULE

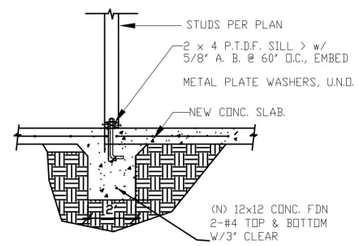
SYM No.	DESCRIPTION OF SHEAR PANEL (Use common nails only)	SHEAR VALUE	SHEAR BLOCK CONN. w/ A35 OR LTP4 @	SOLE PLATE CONN. w/ 16d @	ANCHOR BOLTS 5/8" A.B. @
1	1/2" CDX (OR OSB) PLYWD w/ 8d @ 6" O.C. EDGES & 12" O.C. FIELD.	260 PLF	16" O.C.	5" O.C.	32" O.C.

1. All nails shall be common nails with full heads, U. N. O. Shear wall length shown can have 6"; tolerance.
2. All plywood edges shall be blocked.
3. All exterior plywood shear walls shall be covered with minimum 2 layers 15# felt underlayment prior to placing finish materials.
4. All common nails shall be placed at least 1/2" from panel edges and shall be staggered where 8d nail space is 2" or 10d nail space is 3" or less.
5. 3x framing shall be used at foundation sill plates and at all blocking and studs at adjacent panel edges. All edge nails shall be staggered 3x sill plate.
6. For existing 2x members, add new 1-2x member. Use threaded rod w/ Epoxy at (E) footing.
7. All exterior wall sheathing shall be 1/2" plywood with 8d @ 6/6/12, although they are not marked as shearwall.
8. Interior shearwalls shall extend up to roof diaphragm.



FOUNDATION DETAIL (1)

SCALEN-T-S-



INTERIOR FOOTING. (2)





THIS SHEET

FOUNDATION PLAN

DATE:

Issue Date

SHEET NUMBER

D9

ELECTRICAL LEGEND

- 110V DUPLEX OUTLET
- 110V DUPLEX OUTLET ONE SIDE SWITCHED
- 220V OUTLET
- ϕ_{GFI} 110V DUPLEX GROUND FAULT INTERRUPTER
- ϕ_{WP} WEATHERPROOF OUTLET
- [J] JUNCTION BOX
- [F] EXHAUST FAN
- CEILING MOUNTED 4' STRIP LIGHT FIXTURE
- CEILING MOUNTED LIGHT FIXTURE
- WALL MOUNTED LIGHT FIXTURE
- WALL MOUNTED EXTERIOR LIGHT
- RECESSED LIGHT FIXTURE BY E.C.
- (P) PENDANT LIGHT FIXTURE
- FLOOD LIGHT FIXTURE
- $ 2 WAY WALL SWITCH
- $_3$ 3 WAY WALL SWITCH
- $_4$ 4 WAY WALL SWITCH
- ◀ TELEPHONE / DATA OUTLET
- [TV] TV MONITOR OUTLET
- COSD CARBON MONOXIDE / SMOKE DETECTOR
- $\ddagger_{HB}$ 4 WAY WALL SWITCH
- (S) SMOKE ALARM
- HVAC DIFFUSERS & DAMPERS
- THERMOSTAT
- [EXIT] EXIT SIGN
- [ELEC. PANEL] ELECTRIC SERVICE PANEL
- HVAC UNIT
- [AC] SPLIT AC
- C.C.T.V
- [A.G] AUTOMATIC GATE DEVICE
- CEILING FAN

NOTES:—

* ALL WIRING SHALL BE IN P.V.C. CONDUIT IN WALLS, COLUMNS & CEILING ETC.
* THE MINIMUM SIZE OF P.V.C. CONDUIT SHALL NOT BE LESS THEN 3/4" DIA.
* LIGHT CIRCUIT WIRING SHALL BE 3/.036 AND LIGHT POINT WIRING SHALL BE WITH 3/.029 P.V.C. SINGLE CORE.
* ALL POWER PLUGS WIRING SHALL HAVE INDEPENDENT LINES RIGHT FROM POWER DISTRIBUTION BOARD
* ALL POWER PLUGS WIRING SHALL BE WITH 7/.029 P.V.C. SINGLE CORE WIRE.

15 Amp: & LIGHT PLUG WIRING 5 Amp:.

* ALL CONDUIT, MAIN/SUB MAIN DISTRIBUTION BOARD, IRON CLAD MAIN SWITCH

* THE MOUNTING HEIGHT ABOVE FINISHED FLOOR SHALL BE AS FOLLOWING POINTS.

HANGING LIGHT	8'–0"
CEILING FAN	8'–6"
WALL LIGHT BRACKET	7'–6"
SHANDLEAR	8'–0"
BRACKET FAN	8'–6"
FOOT LIGHT / POWER PLUG	4" OR 6"
TUBE LIGHT [BATH]	6'–0"
BED SOCKET	4" OR 6"
CORNER LIGHT	3'–6"
SWITCH BOARD	4'–0"
MAIN/SUB–MAIN SWITCH BOARD	5'–0"
BUZZER INDICATOR	7'–0"
GARDEN LIGHT	3'–6"





THIS SHEET

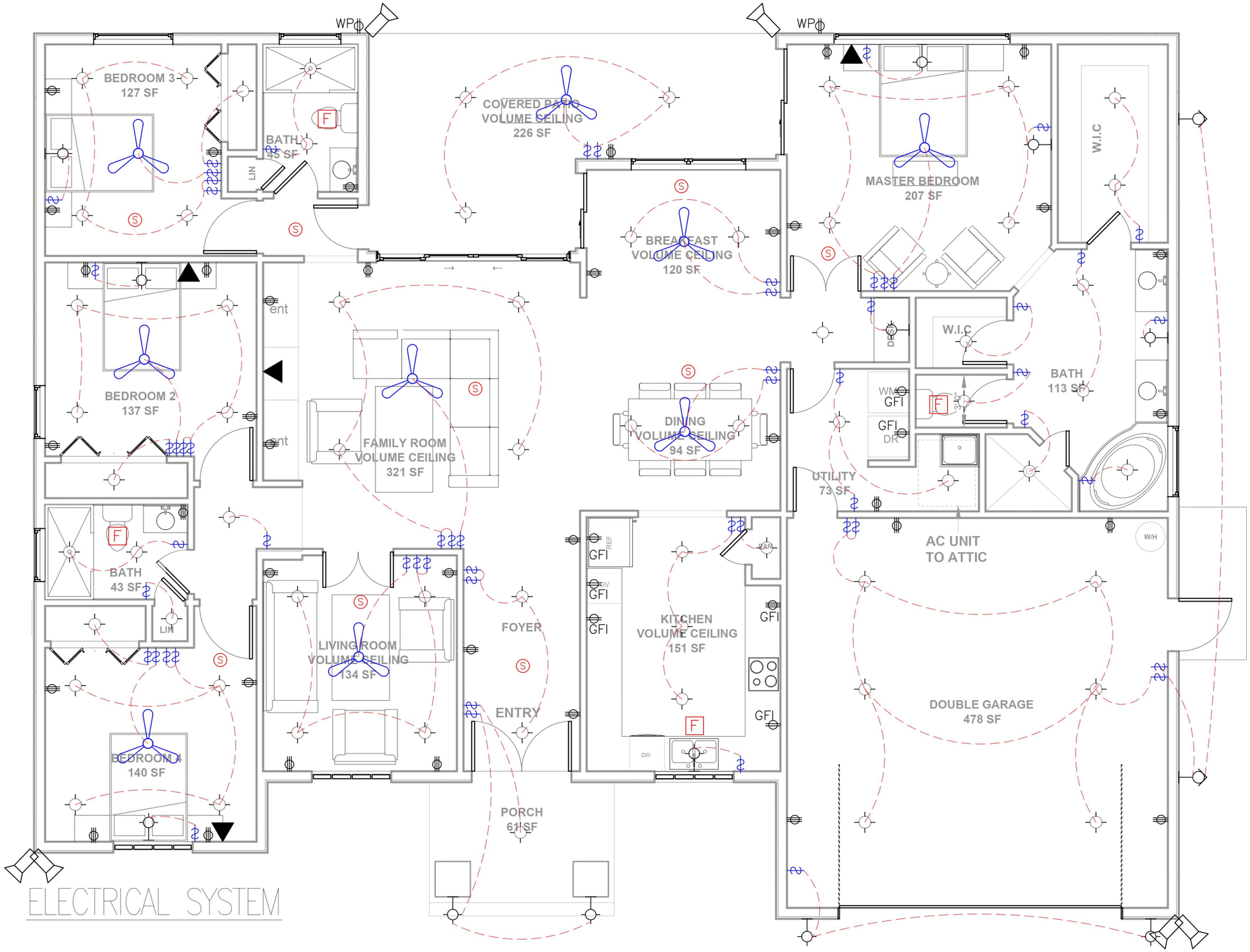
ELECTRICAL LEGEND

DATE:

Issue Date

SHEET NUMBER

D10







THIS SHEET

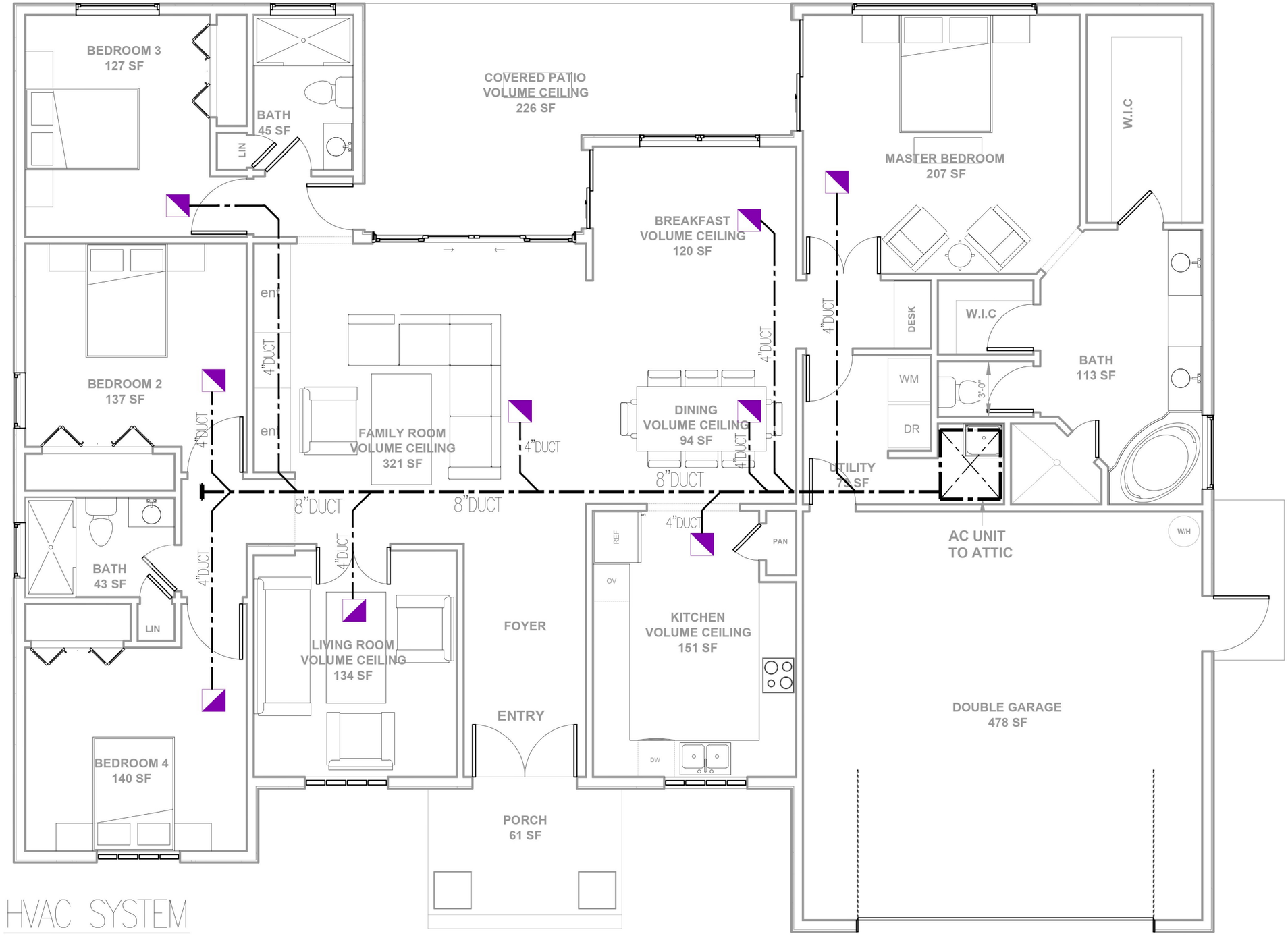
ELECTRICAL PLAN

DATE:

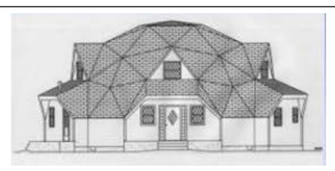
Issue Date

SHEET NUMBER

D11



HVAC SYSTEM





THIS SHEET

HVAC SYSTEM

DATE:

Issue Date

SHEET NUMBER

D12

GENERAL NOTES:

1- ALL SOIL AND WASTE PIPE SHALL BE UPVC AS PER ISO 3633:1991 AND PS 3214:1992 TYPE"B".
2- ALL COLD AND HOT WATER PIPES SHALL BE POLYPROPYLENE AS PER DIN 8077-8078 CLASS PN-20 FOR PIPES AND PN-25 FOR FITTINGS.
3- uPVC P-TRAP SHALL BE USED WITH ALL GULLY TRAPS.
4- VENT PIPES SHALL BE EXTENDED ONE FT ABOVE FININSHED ROOF LEVEL.
5- GEYSER SHALL BE STORAGE TYPE (COMMERCIAL MAKE)
6. MINIMUM SIZE OF HOT AND COLD WATER PIPES INISDE TOILET SHALL BE 25 mm O/D.
7. ALL PIPING SHALL BE TESTED FOR LEAKAGE BEFORE THE JOINTS ARE COVERED.
8. ALL FLOOR TRAP SHALL BE OF UPVC.
9. TEFLON TAPE SHALL BE USED FOR JOINTING OF GI PIPES.
10. ALL UPVC PIPING SOIL & WASTE SHALL BE JOINTED WITH SOLUTION.
11. ALL SOIL PIPES SHALL BE 4" DIA UPVC UNLESS OTHERWISE MENTIONED.
12. ALL WASTE PIPES SHALL BE 3" DIA UPVC UNLESS OTHERWISE MENTIONED.
13. ALL WASTE PIPES FROM WASHBASIN OR SINK TO F.T. SHALL BE 2" DIA UPVC.
14. ALL PPRC PIPE SIZES SHOWN ON DRAWING ARE OUTER DIAMTERS.

PPRC OUTER DIA	PPRC INTERNAL DIA
25 mm	16.6 mm = 1/2"
32 mm	21.2 mm = 3/4"
40 mm	26.6 mm = 1"
50 mm	33.4 mm = 1-1/4"
63 mm	42 mm = 1-1/2"
75 mm	50 mm = 2"
90 mm	60 mm = 2-1/2"

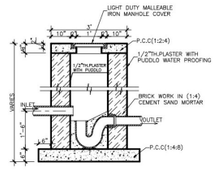
15. SLOPE FOR PIPES

2" DIA	1 IN 48
3" TO 6" DIA	1 IN 96
8" DIA & ABOVE	1 IN 192

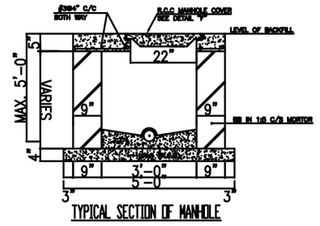
16. PRESSURE REDUCING VALVE ASSEMBLY SHALL BE PROVIDED WITH ALL BATHROOMS
17. ALL PUMPS SHALL BE GRUNDFOS MAKE
18. ALL FILTRATION SYSTEM SHALL BE SO-SAFE MAKE.
19. ALL VALVES SHALL BE KITZ MAKE.

LEGEND

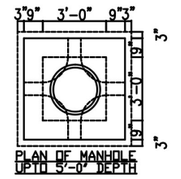
1- UPVC SOIL PIPE
2- UPVC WASTE PIPE
3- POLYPROPYLENE COLD WATER — PPCW
4- POLYPROPYLENE HOT WATER — PPHW
5- FLOOR TRAP (MULTI) — FT
6- GULLY TRAP — GT
7- MAN HOLE — MH
8-BALL VALVE — BV
9-GI GAS PIPE — GI GAS
10- GI COLD WATER PIPE — GICW
11- P- TRAP — PT
12- BOTTLE TRAP — BT



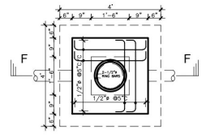
SECTION F-F



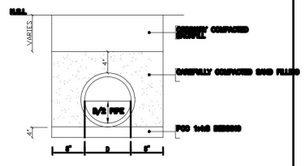
TYPICAL SECTION OF MANHOLE



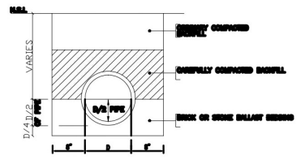
PLAN OF MANHOLE UPTO 5'-0" DEPTH



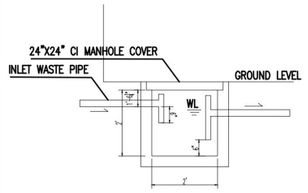
GULLY TRAP



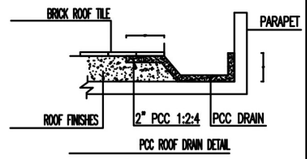
BEDDING FOR LAYING UPVC SEWER



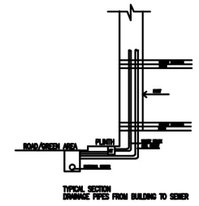
BEDDING FOR LAYING RCC SEWER



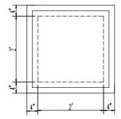
SECTION

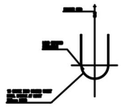


PCC ROOF DRAIN DETAIL

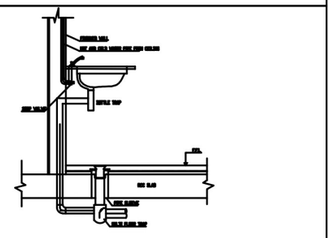


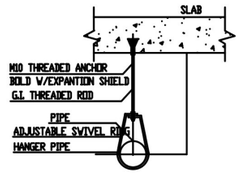
TYPICAL SECTION DRAINAGE PIPES FROM BUILDING TO SEWER


PLAN OF 2'X2' RCC GREASE TRAP

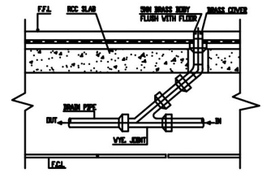


PIPE HANGER SCHEDULE			
PIPE SIZE mm	MAX. SPACING mm	ROD SIZE mm	RAWL BOLT mm
20—50	200	10	6 X 62
62—75	250	13	10 X 62
100—125	300	16	13 X 62
125—150	350	20	16 X 76
200—300	400	22	16 X 76

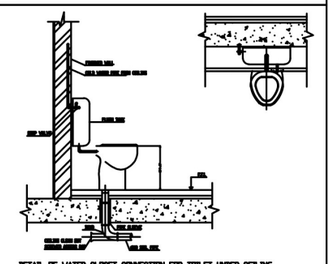

DETAIL OF LAVATORY CONNECTION FOR TOILET UNDER CEILING



DETAIL OF PIPE HANGER



DETAIL OF FLOOR CLEAN OUT PLUG (CO)


DETAIL OF WATER CLOSET CONNECTION FOR TOILET UNDER CEILING





THIS SHEET

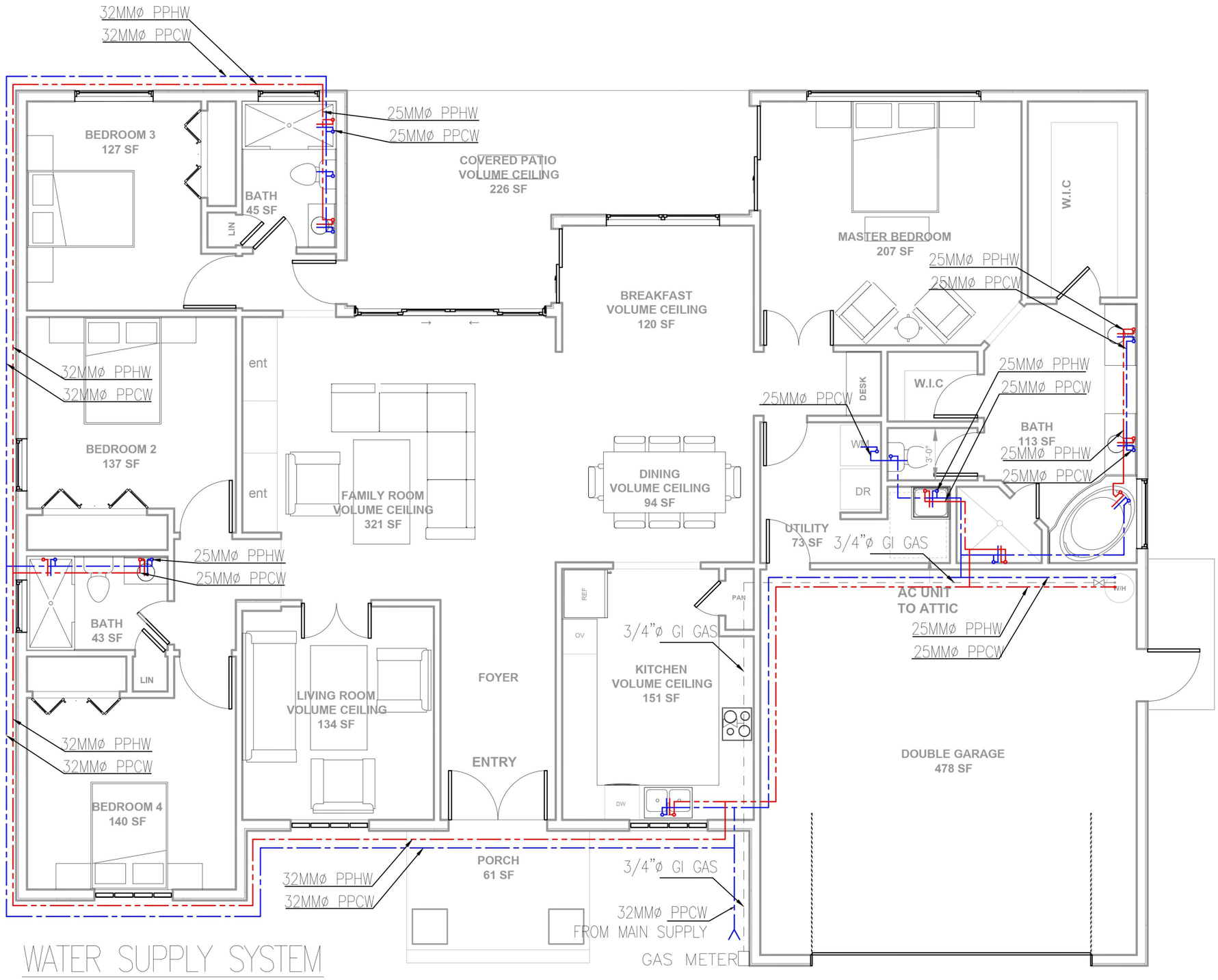
PLUMBING DETAILS AND NOTES

DATE:

Issue Date

SHEET NUMBER

D13



WATER SUPPLY SYSTEM





THIS SHEET

WATER SUPPLY SYSTEM

DATE:

Issue Date

SHEET NUMBER

D14







THIS SHEET

SEWERAGE PLAN

DATE:

Issue Date

SHEET NUMBER

D15