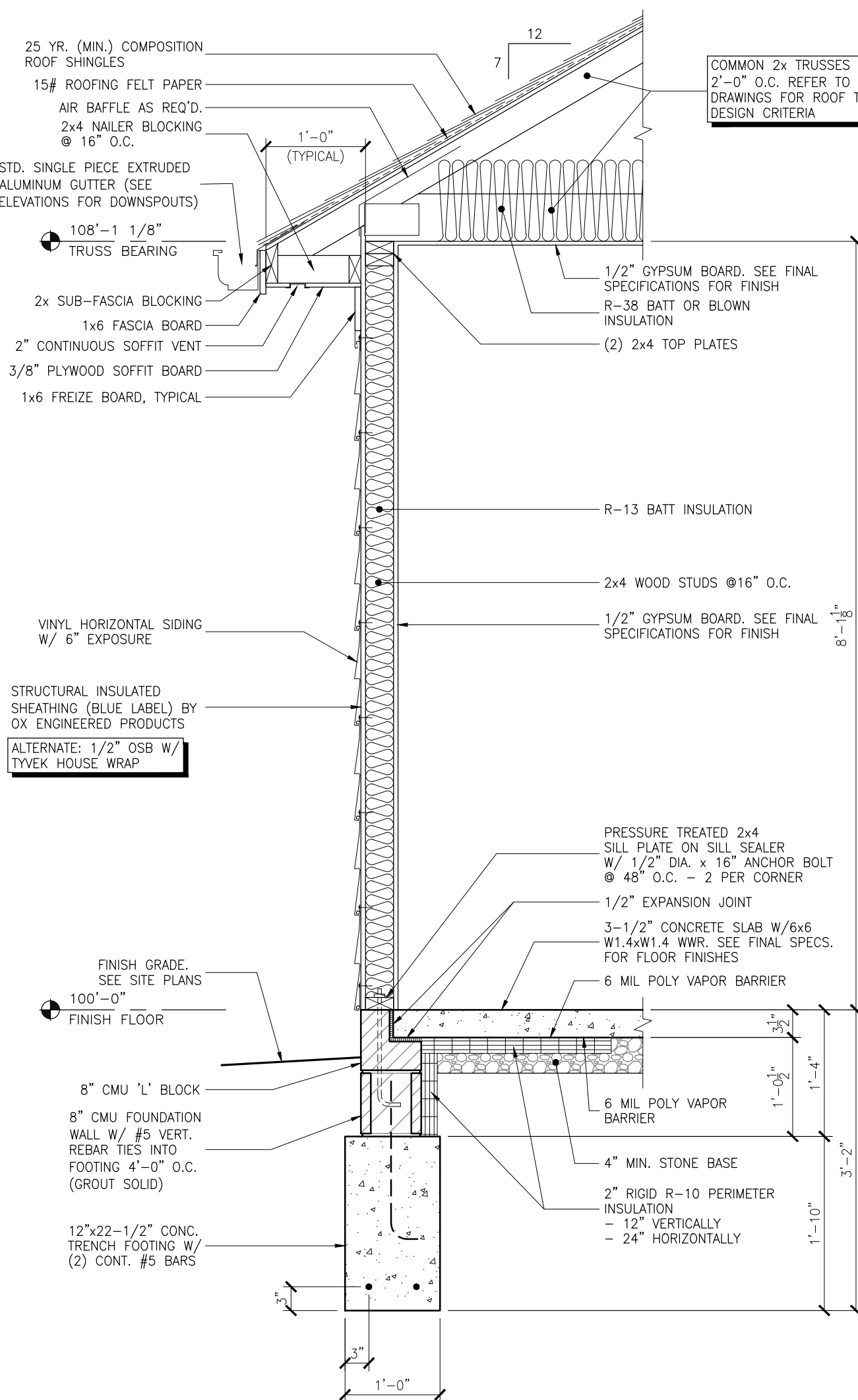
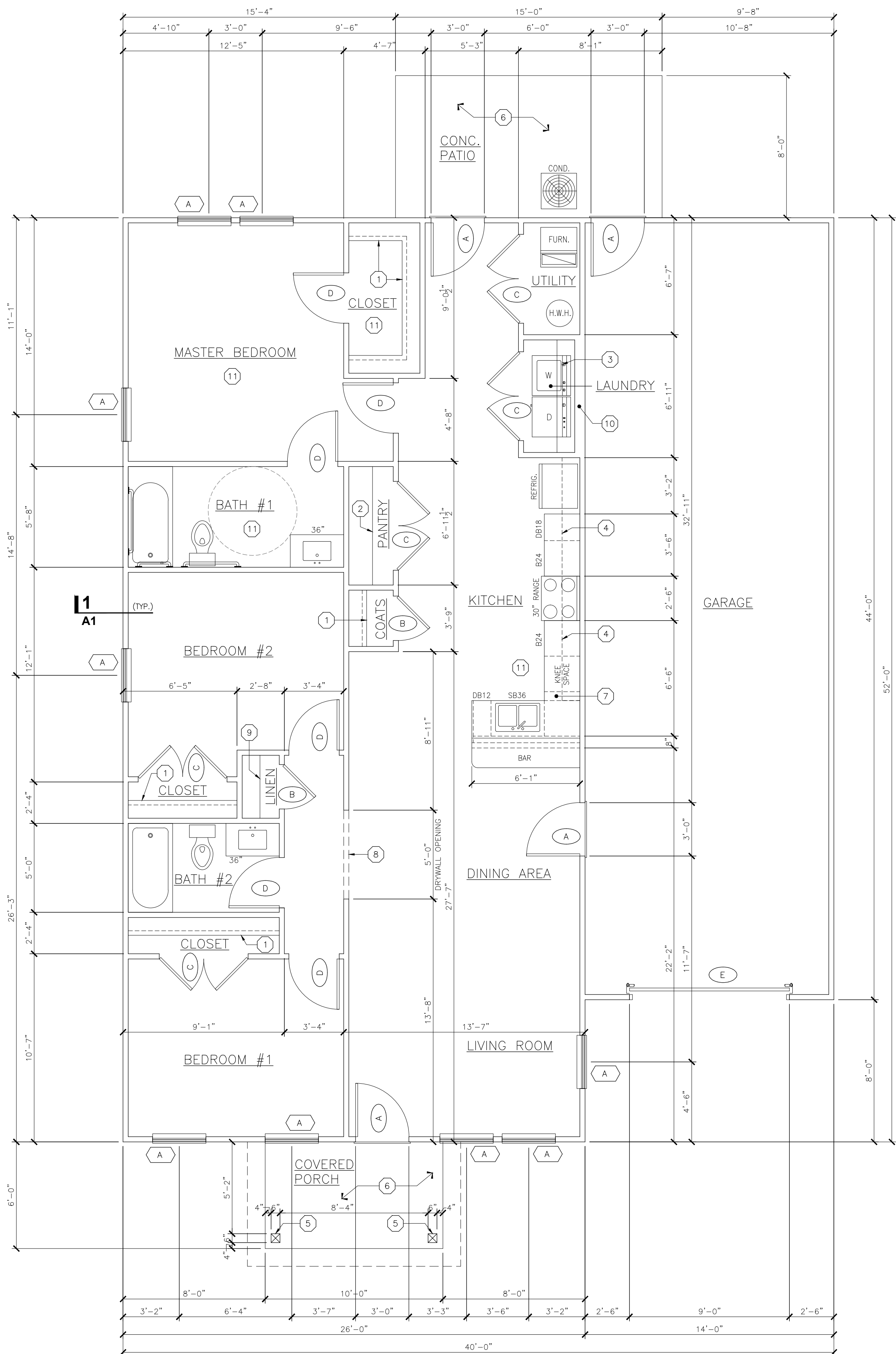


DRAWING INDEX						
DRAWING NUMBER	DRAWING TITLE		05/12/2021	ISSUE DATE		
A1	FLOOR PLAN & TYPICAL WALL/FOOTING SECTION	●				
A2	FOUNDATION/SLAB PLAN, & ROOF PLAN	●				
A2-ALT	FOUNDATION/SLAB PLAN, & ALTERNATE ROOF PLAN	●				
A3	EXTERIOR BUILDING ELEVATIONS	●				
A3-ALT	ALTERNATE EXTERIOR BUILDING ELEVATIONS	●				
A4	EXTERIOR BUILDING ELEVATIONS	●				
A4-ALT	ALTERNATE EXTERIOR BUILDING ELEVATIONS	●				
P1	PLUMBING PLANS	●				
P2	PLUMBING ISOMETRICS	●				
ME1	HVAC & ELECTRICAL PLANS	●				



TYPICAL WALL/FOOTING SECTION 1



DIMENSIONAL FLOOR PLAN

GENERAL NOTES:

G1. ALL DIMENSIONS OF INTERIOR WALLS ARE TO FACE OF STUDS UNLESS OTHERWISE NOTED

G2. ALL DIMENSIONS OF EXTERIOR WALLS ARE TO OUTSIDE FACE OF FOUNDATION UNLESS OTHERWISE NOTED

G3. USE 3 1/2" WOOD STUDS AT 16" O.C. WITH 1/2" TYPE 'X' GYPSUM BOARD BOTH SIDES FOR ALL INTERIOR STUD WALLS UNLESS OTHERWISE NOTED

G4. EXTEND STUD WALLS AND GYPSUM BOARD TO UNDERSIDE OF ROOF TRUSS UNLESS OTHERWISE NOTED

DOOR SCHEDULE

- (A) 3'-0" W. x 6'-8" H. CLASS 'C' HOLLOW METAL 6 PANEL DOOR UNIT W/ ALUMINUM THRESHOLD
- (B) 2'-6" W. x 6'-8" H. HOLLOW CORE DOOR
- (C) PAIR OF 2'-6" W. x 6'-8" H. HOLLOW CORE DOORS W/ DUMMY TRIM & BALL CATCH
- (D) 2'-10" W. x 6'-8" H. HOLLOW CORE DOOR
- (E) 16'-0" W. x 8'-0" H. OVERHEAD SECTIONAL DOOR

WINDOW SCHEDULE

-  36"x62" VINYL CLAD SINGLE HUNG WINDOW
W/ INSULATED TEMPERED LOW-E GLASS

KEY NOTES:

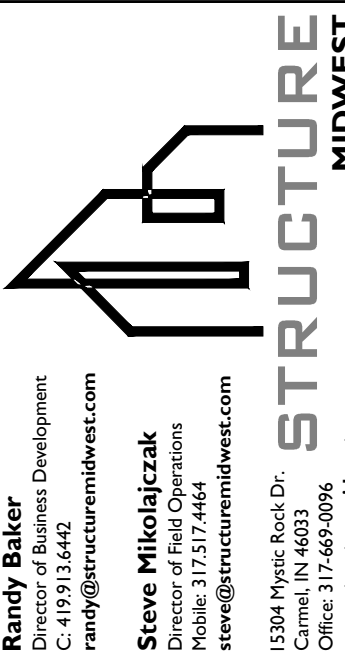
- 1 (1) 12" SPLY & HANGAR ROD
- 2 (4) EQUALLY SPACED 16" PANTRY SHELVES
- 3 12" LAUNDRY SHELF @ 48" A.F.F.
- 4 12" UPPER CABINETS AS REQUIRED
- 5 6x6 SUPPORT POST FOR PORCH ROOF
- 6 SLAB ON GRADE CONC. FLOOR & PATIO (COORDINATE HEIGHT W/ DEVELOPER) W/ 6" THICK MONOLITHIC TURNED DOWN CONC. TO 3/4" BELOW GRADE
- 7 6" SPACER UNDER COUNTER
- 8 BOTTOM OF DRYWALL OPENING IS 6'-8" A.F.F.
- 9 (5) EQUALLY SPACED 12" SPLY'S
- 10 DOUBLE WALL AT LAUNDRY
- 11 KITCHEN, MASTER BEDROOM #1, BATH #1 & MASTER BEDROOM CLOSET TO BE FULLY A.D.A. COMPLIANT INCLUDING BUT NOT LIMITED TO LOCATIONS & MOUNTING HEIGHTS OF SHELVING, GRAB BARS, SWITCHES, FIXTURES, CONTROLS, MANEUVERING CLEARANCES, ETC.

THE CONSTRUCTION DOCUMENTS FURNISHED BY THE ARCHITECT ARE INSTRUMENTS OF SERVICE AND SHALL NOT BECOME THE PROPERTY OF THE CONTRACTOR OR OWNER WHETHER OR NOT WORK FOR WHICH THEY ARE MADE IS COMPLETED. DRAWINGS, SPECIFICATIONS AND OTHER DOCUMENTS FURNISHED BY THE ARCHITECT SHALL NOT BE USED BY THE CONTRACTOR OR OWNER ON OTHER PROJECTS, FOR ADDITION TO THIS PROJECT, OR FOR COMPLETION OF THIS PROJECT BY OTHERS WITHOUT WRITTEN PERMISSION OF THE ARCHITECT.

PROTOTYPICAL HOUSE PLANS FOR:

"THE NEST: WITH GARAGE"

MARION COUNTY



FOR REVIEW ONLY
NOT FOR CONSTRUCTION

INDIANAPOLIS

BALAY

ARCHITECTS

Michael E. Balay
PO Box 647
Fishers, Indiana 46038
Tel: (317) 219-4615
mike@balayarchitects.com

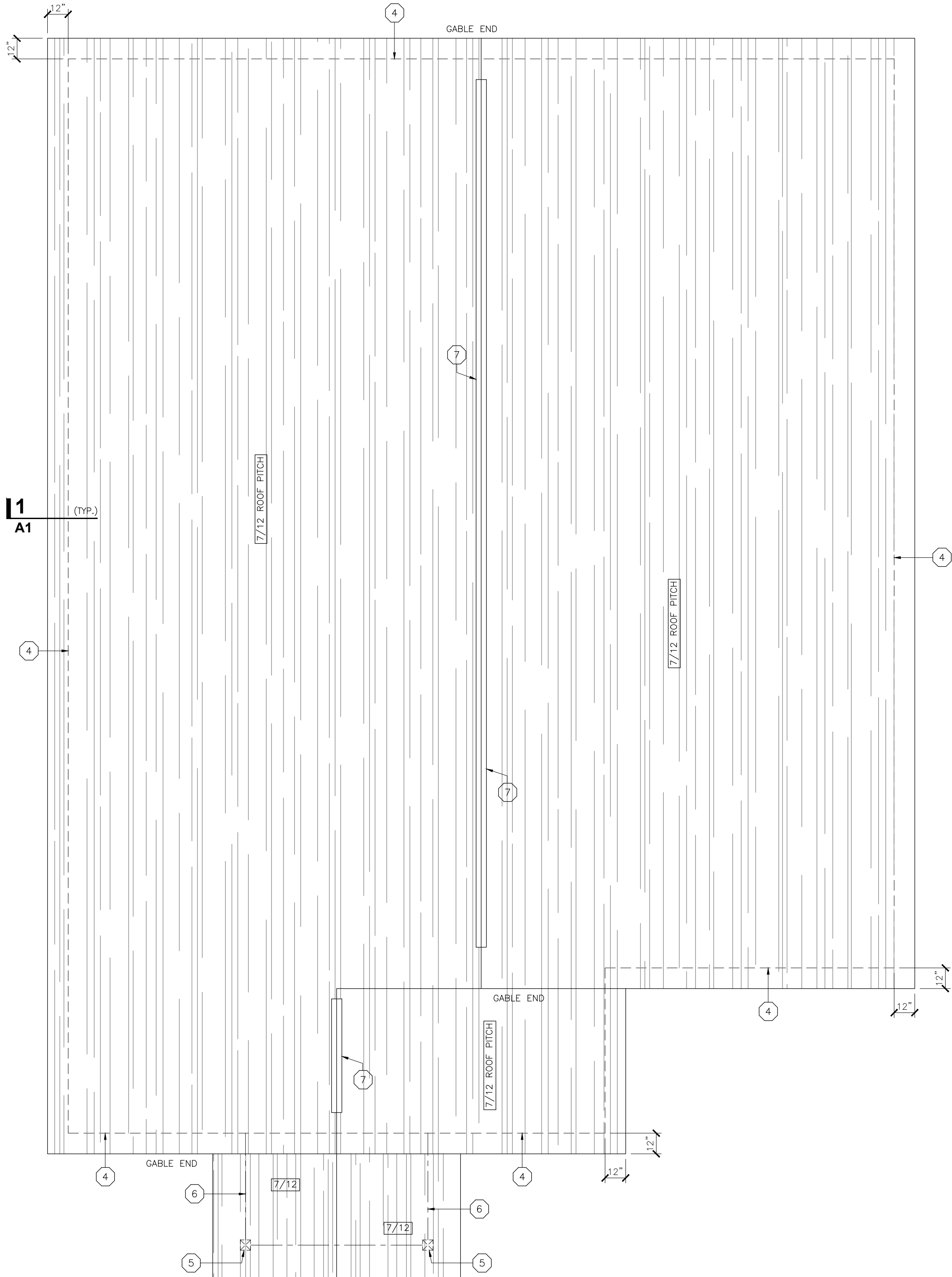
[illegible]

© 2021 BALAY ARCHITECTS, INC.

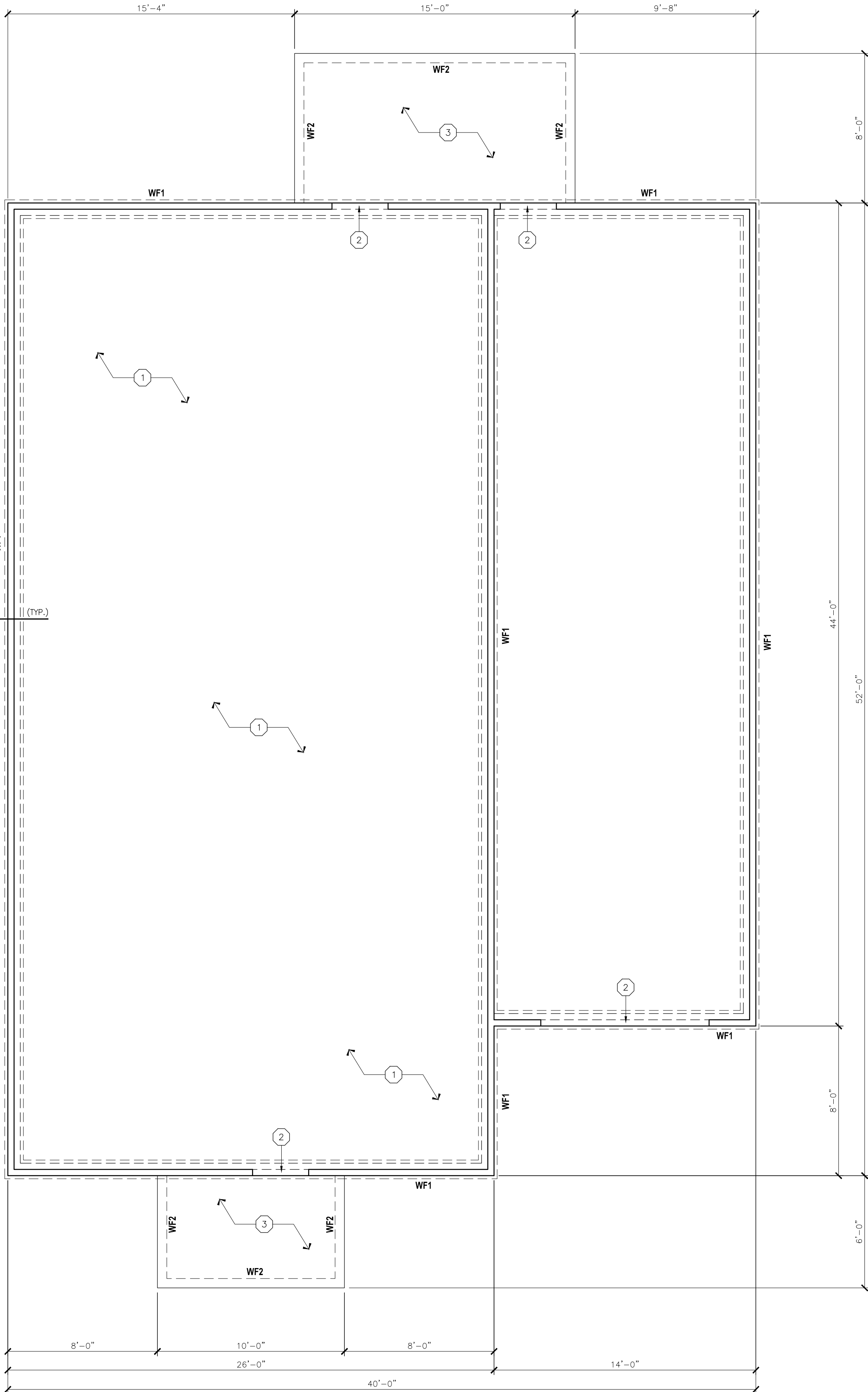
FLOOR PLAN & TYP.
WALL & FOOTING
SECTION

A1





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



FOUNDATION & SLAB PLAN
SCALE: 1/4"=1'-0"

GENERAL NOTES:

- G1. CONCRETE SLAB ON GRADE TO HAVE SMOOTH FINISH IN PREPERATION FOR INSTALLATION OF FLOOR FINISHES
- G2. SITE WORK - ALL FOOTINGS SHALL BEAR ON FIRM, UNDISTURBED SOIL OR APPROVED COMPACTED FILL, WITH A MINIMUM BEARING CAPACITY OF 3000 PSF
- G3. CONCRETE FOR FOOTINGS & FOUNDATIONS SHALL BE STANDARD WEIGHT 3000 PSI COMPRESSIVE STRENGTH AT 28 DAYS. CONC. FOR SLAB SHALL BE MIN. 3000 PSI
- G4. CONCRETE WORK SHALL COMPLY WITH ACI 318 & 318.1
- G5. SET 1/2" DIA. ANCHOR BOLTS AT 4'-0" O.C. AT PERIMETER & NO MORE THAN 12" FROM CORNERS & OPENINGS

KEY NOTES:

- ① 3-1/2" CONC. SLAB REINF. W/ 6x6-W1.4xW1.4 WWR OVER 6 MIL POLY VAPOR BARRIER & 4" MIN. COMPACTED STONE BASE
- ② HOLD OUT L-BLOCK AT FRONT AND BACK DOORS, OVER-POUR AND TURN DOWN SLAB TO 8" CMU BLOCK BELOW
- ③ 4" CONC. SLAB REINF. W/ 6x6-W1.4xW1.4 WWR OVER MIN. 8" COMPACTED STONE BASE. (COORDINATE HEIGHT W/ DEVELOPER)
- ④ LINE OF EXTERIOR STUD FACE BELOW. SEE FLOOR PLAN
- ⑤ 6x6 COLUMN BELOW
- ⑥ BEAM BELOW
- ⑦ SEMI-CONCEALED ATTIC RIDGE VENT, INSTALLED PER MANUFACTURER'S SPECIFICATIONS

WALL FOOTING SCHEDULE

MARK	SIZE (W x D)	REINFORCING
WF1	1'-0" x 1'-10"	(2) #5
WF2	6" x VARIES (NOTE 2)	(1) #5

1. REINFORCING INDICATED SHALL BE BOTTOM U.N.O.
2. TURN DOWN SLAB TO 34" BELOW GRADE

ROOF TRUSS NOTES

1. ALL TRUSS DESIGN CRITERIA SHALL BE SUBMITTED BY THE TRUSS MANUFACTURER SELECTED BY THE CONTRACTOR. THIS INFORMATION SHALL BE SIGNED & SEALED BY A STRUCTURAL ENGINEER REGISTERED IN THE STATE OF INDIANA. TRUSSES ARE NOT TO BE MANUFACTURED UNTIL THIS INFORMATION HAS BEEN SUBMITTED AND APPROVED BY THE ARCHITECT
2. ROOF TRUSS LOADING CRITERIA:
TOP CHORD LIVE LOAD - 30 P.S.F.
TOP CHORD DEAD LOAD - 10 P.S.F.
BOTTOM CHORD DEAD LOAD - 10 P.S.F.
TOTAL LOAD - 50 P.S.F.
3. PROVIDE 2x4 'X' BRACING ACROSS TRUSSES AT EACH SIDE OF TRUSS. ALTERNATE DIRECTION OF EACH SIDE
4. CUTTING & NOTCHING OF STRUCTURAL WOOD MEMBERS SHALL BE ALLOWED ONLY AS ALLOWED IN THE INDIANA STATE BUILDING CODE
5. ALL MEMBERS CARRYING CONCENTRATED LOADS SHALL BE DESIGNED IN ACCORDANCE WITH THE INDIANA STATE BUILDING CODE

THE CONSTRUCTION DOCUMENTS ARE NOT VALID UNLESS THEY ARE USED IN CONJUNCTION WITH THE SITE PLAN AND SPECIFICATIONS. ANY CHANGES TO THE DOCUMENTS MUST BE MADE IN WRITING AND SIGNED BY THE ARCHITECT. THE ARCHITECT'S OFFICE IS NOT RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION PROVIDED BY OTHER SOURCES. THE ARCHITECT'S OFFICE IS NOT RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION PROVIDED BY OTHER SOURCES.

INDIANA

PROTOTYPICAL HOUSE PLANS FOR:

"THE NEST: WITH GARAGE"

MARION COUNTY

Randy Baker
Director of Business Development
randy@structuremidwest.com

Steve Mikolajczak
Principal
steve@structuremidwest.com

1304 Myrie Road Dr.
Carmel, IN 46033
Office 317-669-8896
www.structuremidwest.com

FOR REVIEW ONLY
NOT FOR CONSTRUCTION

Michael E. Balay
Principal
Ft. Wayne, Indiana 46808
Tel: (317) 219-4605
mike@balayarchitects.com

BALAY
ARCHITECTS

Indianapolis, Indiana

Stillwater, Minnesota

PROJECT NO.: 2106B	CHECKED BY: WEB	DESCRIPTION
DATE	INIT.	ISSUED FOR REVIEW
05/12/2021	WEB	
REV.	DATA	

© 2021 BALAY ARCHITECTS, INC.

FOUNDATION & SLAB PLAN, ROOF PLAN

A2

PLAN NORTH
(SEE SITE PLAN)



A2-ALT



THE CONSTRUCTION DOCUMENTS FURNISHED BY THE ARCHITECT ARE INSTRUMENTS OF SERVICE AND SHALL NOT BECOME THE PROPERTY OF THE CONTRACTOR OR OWNER WHETHER OR NOT WORK FOR WHICH THEY ARE MADE IS COMMENCED. DRAWINGS, SPECIFICATIONS, AND OTHER DOCUMENTS FURNISHED BY THE ARCHITECT SHALL NOT BE USED BY THE CONTRACTOR OR OWNER ON OTHER PROJECTS, FOR ADDITION TO THIS PROJECT, OR FOR COMPLETION OF THIS PROJECT BY OTHERS WITHOUT EXPRESS WRITTEN PERMISSION.

INDIANA

PROTOTYPICAL HOUSE PLANS FOR:

- ## "THE NEST: WITH GARAGE"

MARION COUNTY



BALAY
ARCHITECTS

Michael E. Balay
Box 647
P.O. Box 647
Plymouth, MN 55443
Tel. (317) 219-4615
mike@balayarchitects.com

[illegible]

© 2021 BALAY ARCHITECTS, INC.
EXTERIOR BUILDING
ELEVATIONS

A3



THE CONSTRUCTION DOCUMENTS FURNISHED BY THE ARCHITECT ARE INSTRUMENTS OF SERVICE AND SHALL NOT BECOME THE PROPERTY OF THE CONTRACTOR OR OWNER WHETHER OR NOT WORK FOR WHICH THEY ARE MADE IS COMMENCED. DRAWINGS, SPECIFICATIONS, AND OTHER DOCUMENTS FURNISHED BY THE ARCHITECT SHALL NOT BE USED BY THE CONTRACTOR OR OWNER ON OTHER PROJECTS, FOR ADDITION TO THIS PROJECT, OR FOR COMPLETION OF THIS PROJECT BY OTHERS WITHOUT EXPRESS WRITTEN PERMISSION.

INDIANA

PROTOTYPICAL HOUSE PLANS FOR:

- ## "THE NEST: WITH GARAGE"

MARION COUNTY

[illegible]

© 2021 BALAY ARCHITECTS, INC

EXTERIOR BUILDING ELEVATIONS

A3-ALT



(PLAN SOUTH) SCALE: 1/4"=1'-0"



(PLAN EAST) SCALE: 1/4"=1'-0"

THE CONSTRUCTION DOCUMENTS FURNISHED BY THE ARCHITECT ARE INSTRUMENTS OF SERVICE AND SHALL NOT BECOME THE PROPERTY OF THE CONTRACTOR OR OWNER WHETHER OR NOT WORK FOR WHICH THEY ARE SPECIFICATED IS COMENCED, DRAWINGS, SPECIFICATIONS, AND OTHER DOCUMENTS FURNISHED BY THE ARCHITECT SHALL NOT BE USED BY THE CONTRACTOR OR OWNER ON OTHER PROJECTS, FOR COMPLETION OF THIS PROJECT OR FOR COMPLETION OF OTHER PROJECTS WITHOUT EXPRESS WRITTEN PERMISSION

PROTOTYPICAL HOUSE PLANS FOR:

- # "THE NEST: WITH GARAGE"



FOR REVIEW ONLY
NOT FOR CONSTRUCTION

B A L A Y

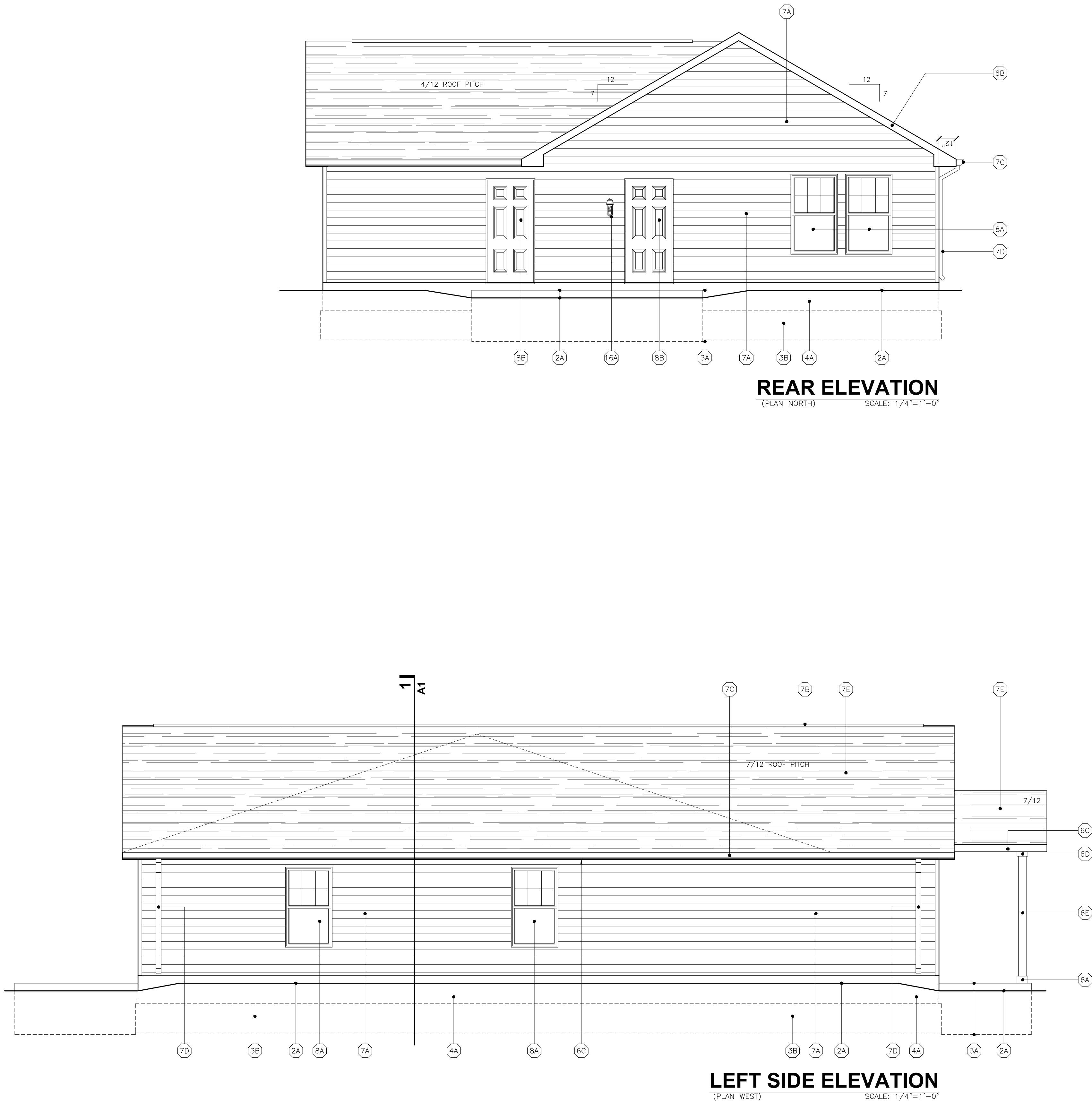
ARCHITECTS

Michael E. Balay
PO Box 847
Fishers, Indiana 46038
Tel: (317) 219-6615
mike@balayarchitects.com

[illegible]

© 2021 BALAY ARCHITECTS, INC.
EXTERIOR BUILDING
ELEVATIONS

A4



GENERAL NOTES:

- G1. COORDINATE ALL PAINT & MATERIAL COLORS WITH OWNER PRIOR TO INSTALLATION AND/OR APPLICATION
- G2. INSTALL ALL VINYL SIDING ACCESSORIES AS REQUIRED INCLUDING LIGHT BLOCKS, VENTS, J CHANNELS, STARTER STRIPS, ETC.
- G3. ELEVATIONS SHOWN ARE TYPICAL AND REPRESENT THE GENERAL SCOPE FOR THE BUILDING
- G4. ALL FINISH MATERIALS MUST COMPLY WITH THE REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE AS ADOPTED BY THE STATE OF INDIANA

KEY NOTES:

- (2A) FINISH GRADE. SEE SITE PLANS
- (3A) CONCRETE PORCH OR PATIO WITH TURNED-DOWN SLAB TO 34" BELOW GRADE
- (3B) CONCRETE GRADE-BEAM FOUNDATION. SEE WALL SECTION ON SHEET A1 & SLAB/FOUNDATION PLAN ON SHEET A2
- (4A) 8" CMU FOUNDATION WALL. SEE WALL SECTION ON SHEET A1
- (6A) 1x6 PAINTED TRIM BOARD, TYPICAL
- (6B) 1x6 PAINTED RAKE END BOARD, TYPICAL
- (6C) 1x6 PAINTED FASCIA BOARD, TYPICAL
- (6D) 1x4 PAINTED TRIM BOARD, TYPICAL
- (6E) 6x6 TREATED POST, PAINTED, TYPICAL
- (6F) SLOPED CUT 2x TRIM BOARD. FLASH AS REQUIRED
- (7A) VINYL HORIZONTAL SIDING W/ 6" EXPOSURE
- (7B) SEMI-CONCEALED ATTIC RIDGE VENT, INSTALLED PER MANUFACTURER'S SPECIFICATIONS
- (7C) STD. SINGLE PIECE EXTRUDED ALUMINUM GUTTER
- (7D) STD. DOWNSPOUT W/ SPLASH BLOCK
- (7E) 25 YR. (MIN.) COMPOSITION ROOF SHINGLES OVER 15# FELT ROOFING PAPER
- (8A) 36"x62" VINYL CLAD SINGLE HUNG WINDOW W/ INSULATED TEMPERED LOW-E GLASS
- (8B) 3'-0" W. x 6'-8" H. CLASS "C" HOLLOW METAL 6 PANEL DOOR UNIT W/ ALUMINUM THRESHOLD
- (8C) OVERHEAD SECTIONAL DOOR, SEE FLOOR PLAN
- (16A) LIGHT FIXTURE TO BE SELECTED

THE CONSTRUCTION DOCUMENTS ARE NOT VALID UNLESS THEY ARE USED IN CONJUNCTION WITH THE PROJECT AND/OR SPECIFICATIONS. ANY CHANGES TO THE PROJECT OR SPECIFICATIONS MUST BE MADE IN WRITING AND SIGNED BY THE ARCHITECT. THE ARCHITECT'S RESPONSIBILITY IS TO PROVIDE THE CLIENT WITH THE BEST POSSIBLE DESIGN AND CONSTRUCTION. THE ARCHITECT IS NOT RESPONSIBLE FOR THE CLIENT'S CHOICE OF MATERIALS OR FINISHES. THE ARCHITECT'S RESPONSIBILITY IS TO PROVIDE THE CLIENT WITH THE BEST POSSIBLE DESIGN AND CONSTRUCTION. THE ARCHITECT IS NOT RESPONSIBLE FOR THE CLIENT'S CHOICE OF MATERIALS OR FINISHES.

PROTOTYPICAL HOUSE PLANS FOR:

"THE NEST:
WITH GARAGE"

Randy Baker
Director of Business Development
randy@structuremidwest.com

Steve Mikolajczak
Principal Architect
smikolaj@structuremidwest.com

Structure Midwest
1304 Myer Road Dr.
Carmel, IN 46033
Office 317-669-8896
www.structuremidwest.com

FOR REVIEW ONLY
NOT FOR CONSTRUCTION

BALAY
ARCHITECTS

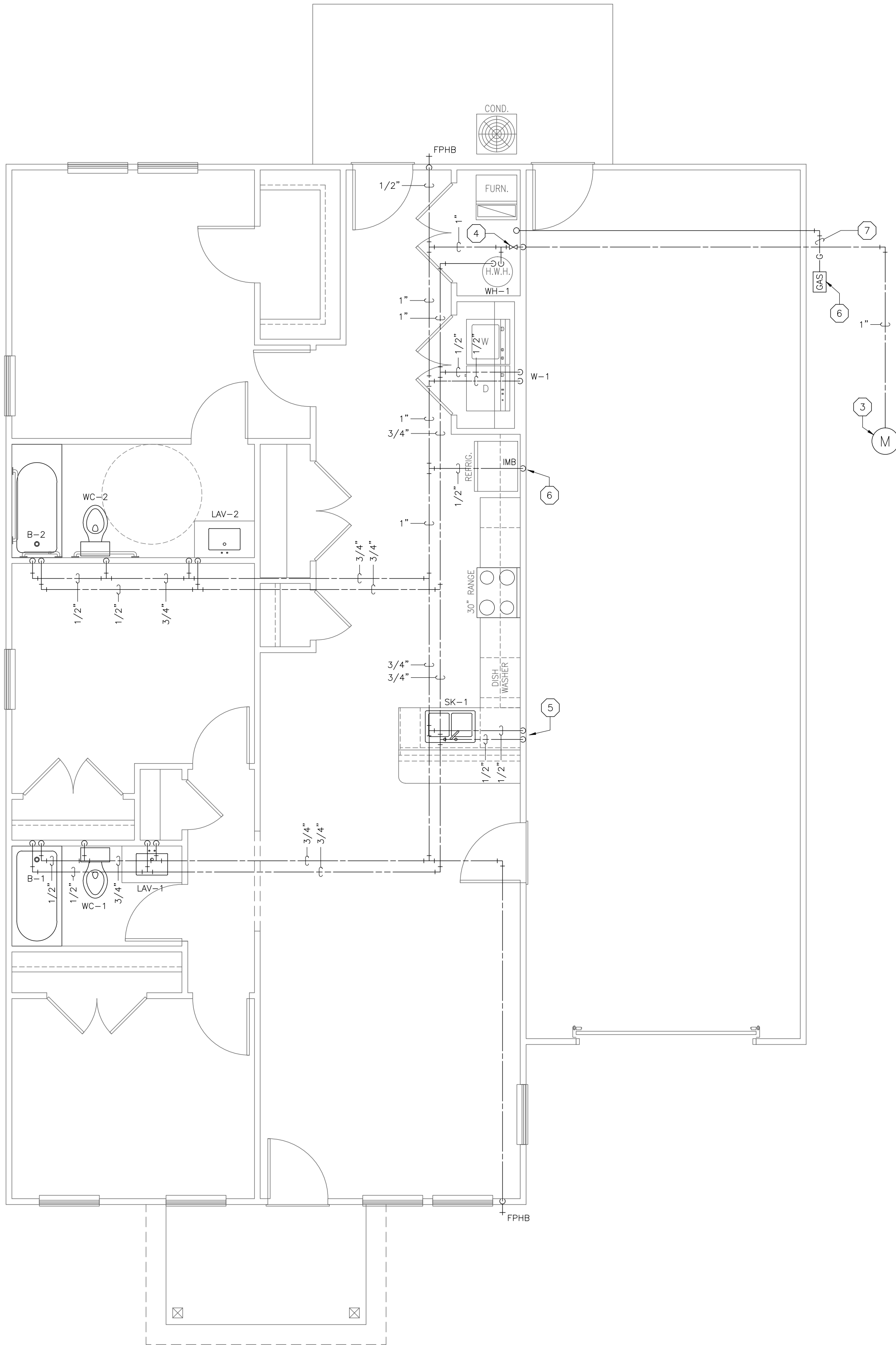
Michael E. Balay
Principal Architect
mike@balayarchitects.com

Stillwater Minnesota

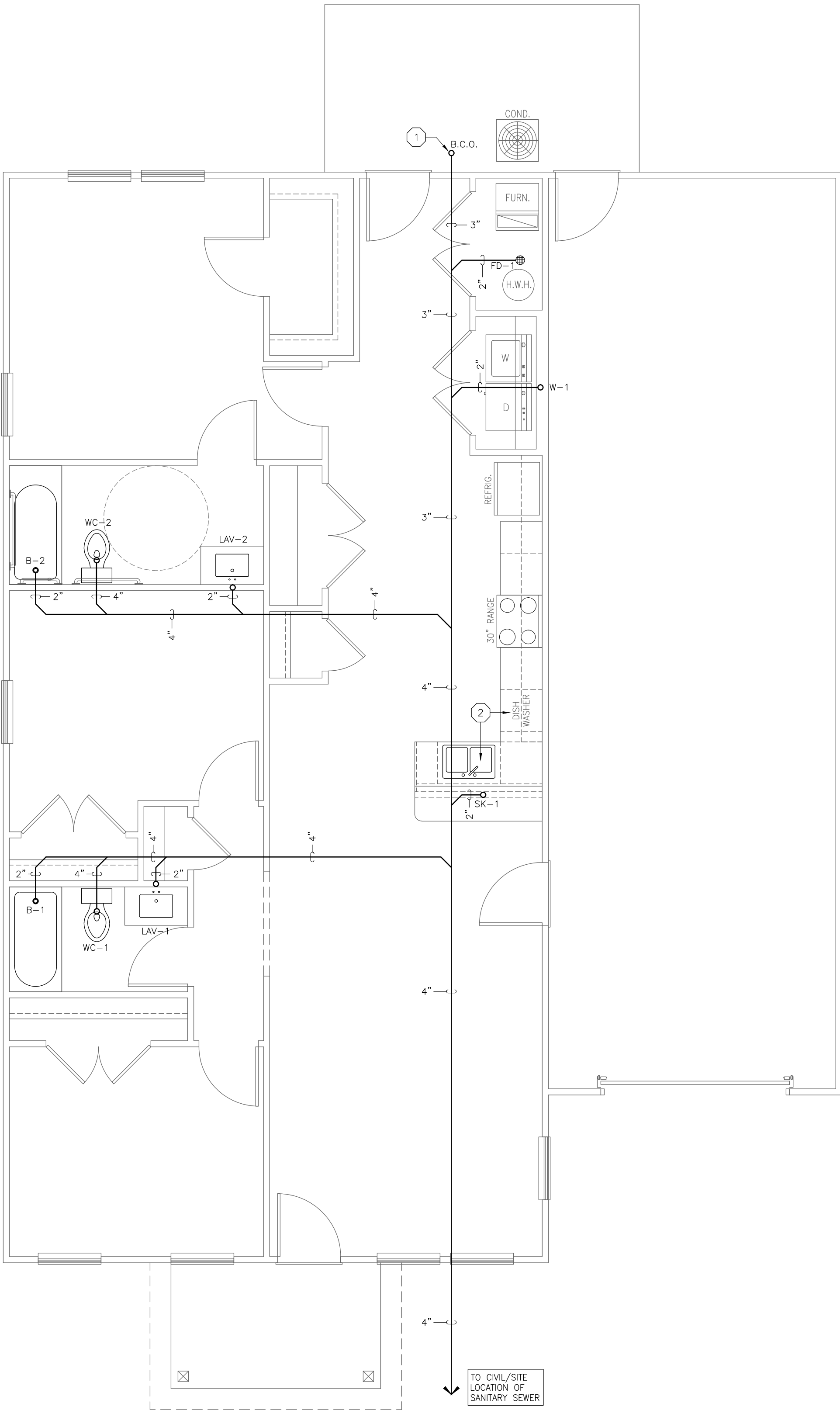
PROJECT NO.	2106B
DRAWN BY	MB
CHECKED BY	MB
DATE	05/12/2021
INIT.	MB
DESCRIPTION	ISSUED FOR REVIEW
REV.	
DATA	

© 2021 BALAY ARCHITECTS, INC.
EXTERIOR BUILDING ELEVATIONS

A4-ALT



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



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

GENERAL NOTES:

- G1. ALL WASTE AND VENT PIPING SHALL BE SCHEDULE 40 PVC
- G2. ALL WORK SHALL BE IN FULL ACCORDANCE WITH 2012 INDIANA PLUMBING CODE (INTERNATIONAL PLUMBING CODE 2006)
- G3. VENTS BELOW THE FLOOR & BELOW THE FLOOD LEVEL OF THE FIXTURE ARE NOT PERMITTED. THE MAXIMUM DISTANCE FROM FLOOR DRAIN TO VENT IS 5'-0" AND MAXIMUM DISTANCE FROM WATER CLOSET TO VENT IS 6'-0"
- G4. VENTS SHALL TERMINATE A MINIMUM DISTANCE ABOVE THE ROOF AS PER 2012 INDIANA PLUMBING CODE (INTERNATIONAL PLUMBING CODE 2006) AND SHALL BE 10'-0" MINIMUM FROM ALL AIR INTAKES. WHERE POSSIBLE, TIE VENTS TOGETHER TO AVOID EXCESSIVE ROOF PENETRATIONS
- G5. ALL HORIZONTAL WASTE AND DRAIN PIPING OF 3" IN DIAMETER OR LESS MUST BE INSTALLED WITH A GRADE OF AT LEAST 1/4" PER FOOT AND PIPING LARGER THAN 3" IN DIAMETER OR LESS MUST BE INSTALLED WITH A GRADE OF AT LEAST 1/8" PER FOOT
- G6. ALL UNDERGROUND WATER SUPPLY PIPING TO BE TYPE "K" BELOW CONCRETE SLAB. ALL HOT AND COLD WATER PIPING SHALL BE TYPE "L" HARD COPPER WITH COPPER OR WROUGHT BRASS FITTINGS OR CPVC PER 2012 INDIANA PLUMBING CODE (INTERNATIONAL PLUMBING CODE 2006)
- G7. FLUX AND SOLDER FOR THE USE OF JOINING POTABLE WATER PIPING MUST BE LEAD FREE
- G8. ALL HOT AND COLD WATER PIPING SHALL BE COVERED WITH 1/2" ARMAFLEX PIPE INSULATION
- G9. BACKFLOW PREVENTERS MUST BE IN ACCORDANCE WITH 2012 INDIANA PLUMBING CODE (INTERNATIONAL PLUMBING CODE 2006)
- G10. PLUMBING CONTRACTOR SHALL PROVIDE SHUT-OFF VALVES AT EACH FIXTURE
- G11. ALL TRADE CONTRACTORS SHALL COORDINATE WITH EACH OTHER THE LOCATIONS OF ALL PLUMBING LINES, DUCTWORK, AND ELECTRICAL SERVICES TO AVOID CONFLICTS WITH EACH OTHER
- G12. ALL INSTALLATIONS SHALL BE COMPLETE, TESTED AND TOTALLY FUNCTIONAL, EVEN THOUGH EACH AND EVERY ITEM MAY NOT BE SHOWN OR SPECIFICALLY CALLED OUT
- G13. ALL PLUMBING NOT SPECIFICALLY REFERENCED ABOVE SHALL BE ACCORDING TO THE 2012 INDIANA PLUMBING CODE (INTERNATIONAL PLUMBING CODE 2006)
- G18. CONTRACTORS SHALL NOT CUT OPENINGS IN STRUCTURAL MEMBERS
- G19. PLUMBING CONTRACTOR SHALL INSTALL DIELECTRIC UNIONS AT ALL CONNECTIONS OF DISSIMILAR METALS
- G20. PLUMBING CONTRACTOR SHALL ROUGH-IN ALL WASTE AND SUPPLY LINES TO FIXTURES / EQUIPMENT ACCORDING TO MANUFACTURER'S SHOP DRAWINGS AND MAKE FINAL CONNECTIONS. ALL SUPPLIES SHALL BE VALUED
- G21. INSTALL ALL WATER HEATING EQUIPMENT PER MANUFACTURER'S RECOMMENDATIONS. PROVIDE WATER HEATER ISOLATION VALVES
- G22. ALL LOCATIONS & MOUNTING HEIGHTS FOR PLUMBING FIXTURES, LAVATORIES, FAUCETS, ETC., TO BE A.D.A. COMPLIANT

KEY NOTES:

- 1 BUILDING CLEANOUT W/ WEATHERPROOF ACCESS COVER
- 2 DISH WASHER DRAINS INTO DISPOSAL
- 3 WATER METER PIT BY OTHERS. SEE CIVIL/SITE PLAN FOR LOCATION
- 4 INTERIOR WATER SHUTOFF BALL VALVE
- 5 HW & CW DN IN WALL FOR SK-1 & DISHWASHER
- 6 GAS METER BY OTHERS. SEE CIVIL/SITE PLAN FOR LOCATION
- 7 SIZE GAS LINE TO SUPPORT 100,000 BTU FURNACE AND 40 GALLON GAS HOT WATER HEATER

PLUMBING FIXTURE SCHEDULE

- WC-1 RESIDENTIAL GRADE WATER CLOSET, TANK TYPE
- WC-2 RESIDENTIAL GRADE WATER CLOSET, TANK TYPE, A.D.A. COMPLIANT
- LAV-1 23"x18" NOM. OVAL SELF RIMMING LAVATORY AND TWO HANDLE FAUCET (WRIST-BLADE STYLE HANDLES)
- LAV-2 23"x18" NOM. OVAL SELF RIMMING LAVATORY AND TWO HANDLE FAUCET (WRIST-BLADE STYLE HANDLES), A.D.A. COMPLIANT
- SK-1 S.S. TWO BASIN KITCHEN SINK WITH TWO HANDLE GOOSENECK STYLE FAUCET (WRIST-BLADE STYLE HANDLES), AND UNDERSINK GARBAGE DISPOSAL, A.D.A. COMPLIANT
- FD-1 2" FLOOR DRAIN - CAST IRON BODY WITH INTEGRAL TRAP AND FLOOR CLEANOUT, FLASHING COLLAR; AND NICKLE BRONZE ROUND ADJUSTABLE STRAINER WITH SECURED SQUARE HOLE GRATE
- FPHB FREEZE-PROOF HOSE BIBB
- B-1 32"x60" SINGLE PIECE FIBERGLASS TUB/SHOWER COMBO UNIT W/ SINGLE KNOB SAFETY CONTROL
- B-2 32"x60" SINGLE PIECE FIBERGLASS TUB/SHOWER COMBO UNIT W/ SINGLE KNOB SAFETY CONTROL W/ OFF-SET SHOWER CONTROLS, A.D.A. COMPLIANT
- WH-1 40 GALLON RESIDENTIAL GRADE GAS HOT WATER HEATER
- W-1 WASHING MACHINE HOT/COLD/DRAIN HOOKUP BOX
- MB ICE MAKER SUPPLY BOX WITH 3/8" SUPPLY VALVE AND LINE TO REFRIGERATOR

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

STRUCTURE

INDIANAPOLIS

INDIANAPOLIS

INDIANA

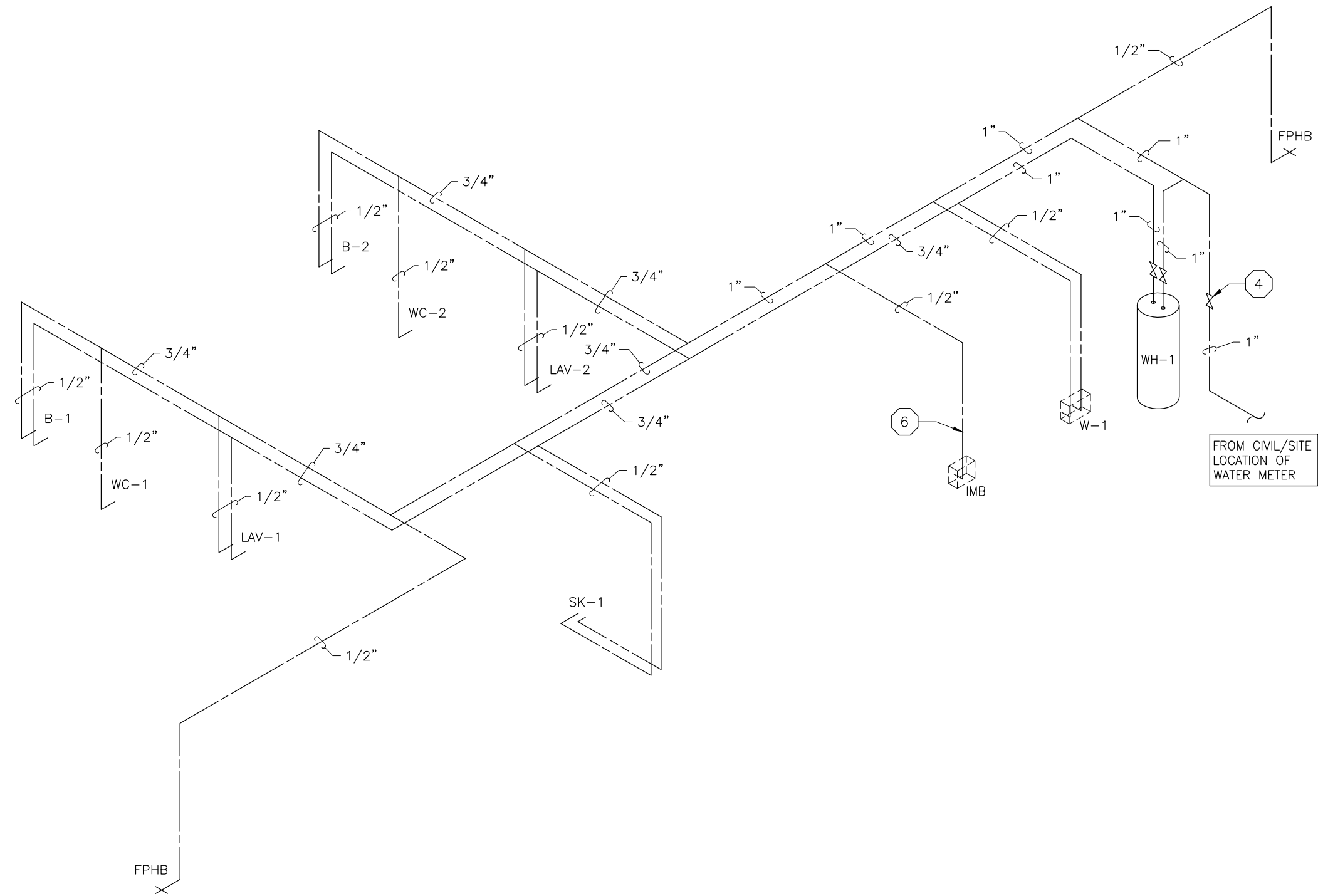
MARION COUNTY

MIDWEST

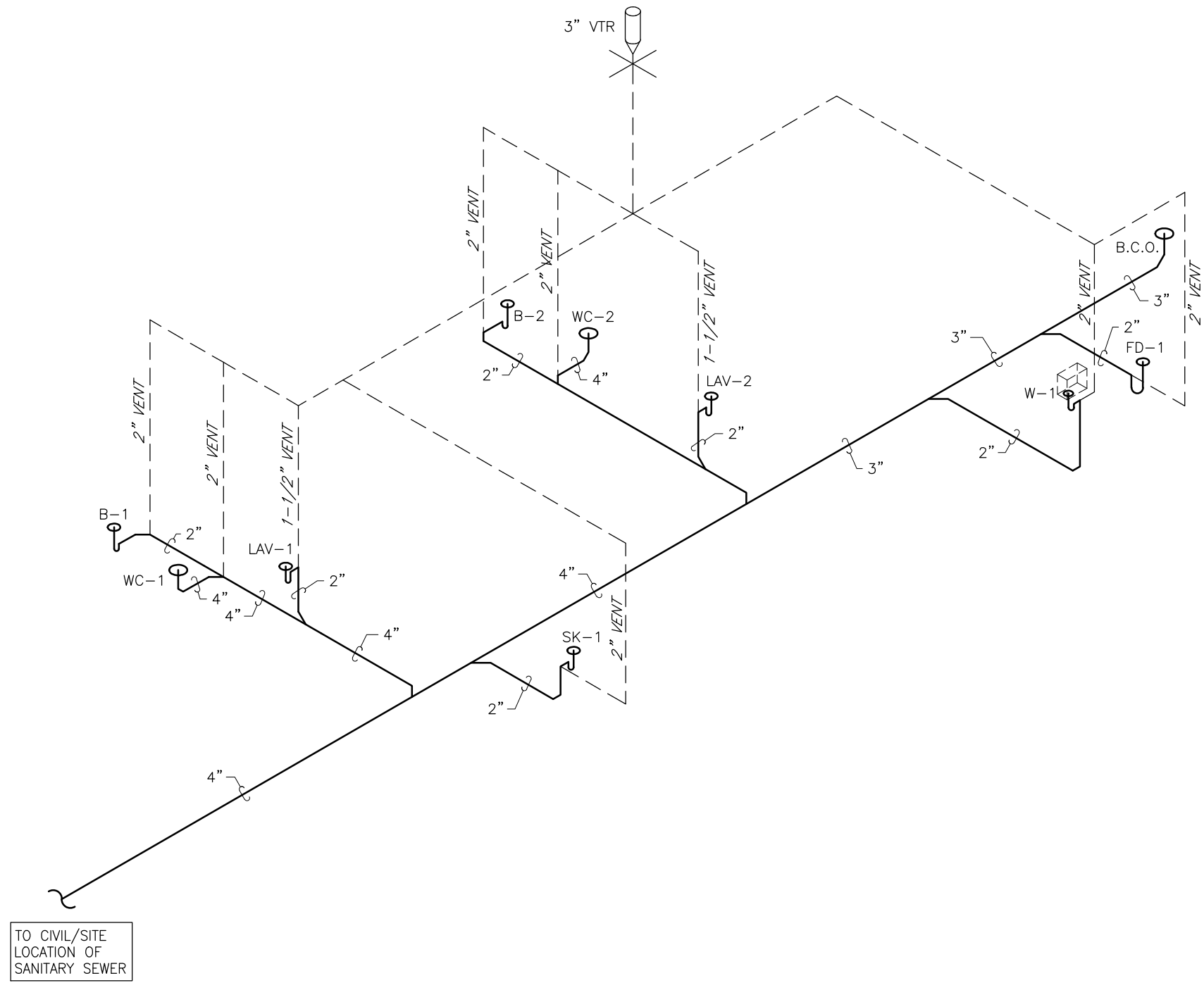
STRUCTURE

INDIANAPOLIS

INDIANAPOL



PLUMBING ISOMETRIC
SCALE: N.T.S.



SANITARY ISOMETRIC
SCALE: N.T.S.

GENERAL NOTES:

- G1. ALL WASTE AND VENT PIPING SHALL BE SCHEDULE 40 PVC
- G2. ALL WORK SHALL BE IN FULL ACCORDANCE WITH 2012 INDIANA PLUMBING CODE (INTERNATIONAL PLUMBING CODE 2006)
- G3. VENTS BELOW THE FLOOR & BELOW THE FLOOD LEVEL OF THE FIXTURE ARE NOT PERMITTED. THE MAXIMUM DISTANCE FROM FLOOR DRAIN TO VENT IS 5'-0" AND MAXIMUM DISTANCE FROM WATER CLOSET TO VENT IS 6'-0"
- G4. VENTS SHALL TERMINATE A MINIMUM DISTANCE ABOVE THE ROOF AS PER 2012 INDIANA PLUMBING CODE (INTERNATIONAL PLUMBING CODE 2006) AND SHALL BE 10'-0" MINIMUM FROM ALL AIR INTAKES. WHERE POSSIBLE, TIE VENTS TOGETHER TO AVOID EXCESSIVE ROOF PENETRATIONS
- G5. ALL HORIZONTAL WASTE AND DRAIN PIPING OF 3" IN DIAMETER OR LESS MUST BE INSTALLED WITH A GRADE OF AT LEAST 1/4" PER FOOT AND PIPING LARGER THAN 3" IN DIAMETER OR LESS MUST BE INSTALLED WITH A GRADE OF AT LEAST 1/8" PER FOOT
- G6. ALL UNDERGROUND WATER SUPPLY PIPING TO BE TYPE "K" BELOW CONCRETE SLAB. ALL HOT AND COLD WATER PIPING SHALL BE TYPE "L" HARD COPPER WITH COPPER OR WROUGHT BRASS FITTINGS OR CPVC PER 2012 INDIANA PLUMBING CODE (INTERNATIONAL PLUMBING CODE 2006)
- G7. FLUX AND SOLDER FOR THE USE OF JOINING POTABLE WATER PIPING MUST BE LEAD FREE
- G8. ALL HOT AND COLD WATER PIPING SHALL BE COVERED WITH 1/2" ARMAFLEX PIPE INSULATION
- G9. BACKFLOW PREVENTERS MUST BE IN ACCORDANCE WITH 2012 INDIANA PLUMBING CODE (INTERNATIONAL PLUMBING CODE 2006)
- G10. PLUMBING CONTRACTOR SHALL PROVIDE SHUT-OFF VALVES AT EACH FIXTURE
- G11. ALL TRADE CONTRACTORS SHALL COORDINATE WITH EACH OTHER THE LOCATIONS OF ALL PLUMBING LINES, DUCTWORK, AND ELECTRICAL SERVICES TO AVOID CONFLICTS WITH EACH OTHER
- G12. ALL INSTALLATIONS SHALL BE COMPLETE, TESTED AND TOTALLY FUNCTIONAL, EVEN THOUGH EACH AND EVERY ITEM MAY NOT BE SHOWN OR SPECIFICALLY CALLED OUT
- G13. ALL PLUMBING NOT SPECIFICALLY REFERENCED ABOVE SHALL BE ACCORDING TO THE 2012 INDIANA PLUMBING CODE (INTERNATIONAL PLUMBING CODE 2006)
- G18. CONTRACTORS SHALL NOT CUT OPENINGS IN STRUCTURAL MEMBERS
- G19. PLUMBING CONTRACTOR SHALL INSTALL DIELECTRIC UNIONS AT ALL CONNECTIONS OF DISSIMILAR METALS
- G20. PLUMBING CONTRACTOR SHALL ROUGH-IN ALL WASTE AND SUPPLY LINES TO FIXTURES / EQUIPMENT ACCORDING TO MANUFACTURER'S SHOP DRAWINGS AND MAKE FINAL CONNECTIONS. ALL SUPPLIES SHALL BE VALUED
- G21. INSTALL ALL WATER HEATING EQUIPMENT PER MANUFACTURER'S RECOMMENDATIONS. PROVIDE WATER HEATER ISOLATION VALVES
- G22. ALL LOCATIONS & MOUNTING HEIGHTS FOR PLUMBING FIXTURES, LAVATORIES, FAUCETS, ETC., TO BE A.D.A. COMPLIANT

KEY NOTES:

- 1 BUILDING CLEANOUT W/ WEATHERPROOF ACCESS COVER
- 2 DISH WASHER DRAINS INTO DISPOSAL
- 3 WATER METER PIT BY OTHERS. SEE CIVIL/SITE PLAN FOR LOCATION
- 4 INTERIOR WATER SHUTOFF BALL VALVE
- 5 HW & CW DN IN WALL FOR SK-1 & DISHWASHER
- 6 GAS METER BY OTHERS. SEE CIVIL/SITE PLAN FOR LOCATION
- 7 SIZE GAS LINE TO SUPPORT 100,000 BTU FURNACE AND 40 GALLON GAS HOT WATER HEATER

PLUMBING FIXTURE SCHEDULE

- WC-1 RESIDENTIAL GRADE WATER CLOSET, TANK TYPE
- WC-2 RESIDENTIAL GRADE WATER CLOSET, TANK TYPE, A.D.A. COMPLIANT
- LAV-1 23"x18" NOM. OVAL SELF RIMMING LAVATORY AND TWO HANDLE FAUCET (WRIST-BLADE STYLE HANDLES)
- LAV-2 23"x18" NOM. OVAL SELF RIMMING LAVATORY AND TWO HANDLE FAUCET (WRIST-BLADE STYLE HANDLES), A.D.A. COMPLIANT
- SK-1 S.S. TWO BASIN KITCHEN SINK WITH TWO HANDLE GOOSENECK STYLE FAUCET (WRIST-BLADE STYLE HANDLES), AND UNDERSINK GARBAGE DISPOSAL, A.D.A. COMPLIANT
- FD-1 2" FLOOR DRAIN - CAST IRON BODY WITH INTEGRAL TRAP AND FLOOR CLEANOUT, FLASHING COLLAR; AND NICKLE BRONZE ROUND ADJUSTABLE STRAINER WITH SECURED SQUARE HOLE GRATE
- FPHB FREEZE-PROOF HOSE BIBB
- B-1 32"x60" SINGLE PIECE FIBERGLASS TUB/SHOWER COMBO UNIT W/ SINGLE KNOB SAFETY CONTROL
- B-2 32"x60" SINGLE PIECE FIBERGLASS TUB/SHOWER COMBO UNIT W/ SINGLE KNOB SAFETY CONTROL W/ OFF-SET SHOWER CONTROLS, A.D.A. COMPLIANT
- WH-1 40 GALLON RESIDENTIAL GRADE GAS HOT WATER HEATER
- W-1 WASHING MACHINE HOT/COLD/DRAIN HOOKUP BOX
- IMB ICE MAKER SUPPLY BOX WITH 3/8" SUPPLY VALVE AND LINE TO REFRIGERATOR



INDIANAPOLIS

INDIANA

MARION COUNTY

MIDWEST

PROTOTYPICAL HOUSE PLANS FOR:

"THE NEST: WITH GARAGE"

Director of Business Development
randy@structuremidwest.com

Steve Mikolajczak
President
steve@structuremidwest.com
1304 Myrie Road Dr.
Carmel, IN 46033
Office 317-469-8896
www.structuremidwest.com

Michael E. Balay
Principal Architect
46038
Tel: (317) 219-4605
mike@balayarchitects.com

BALAY ARCHITECTS

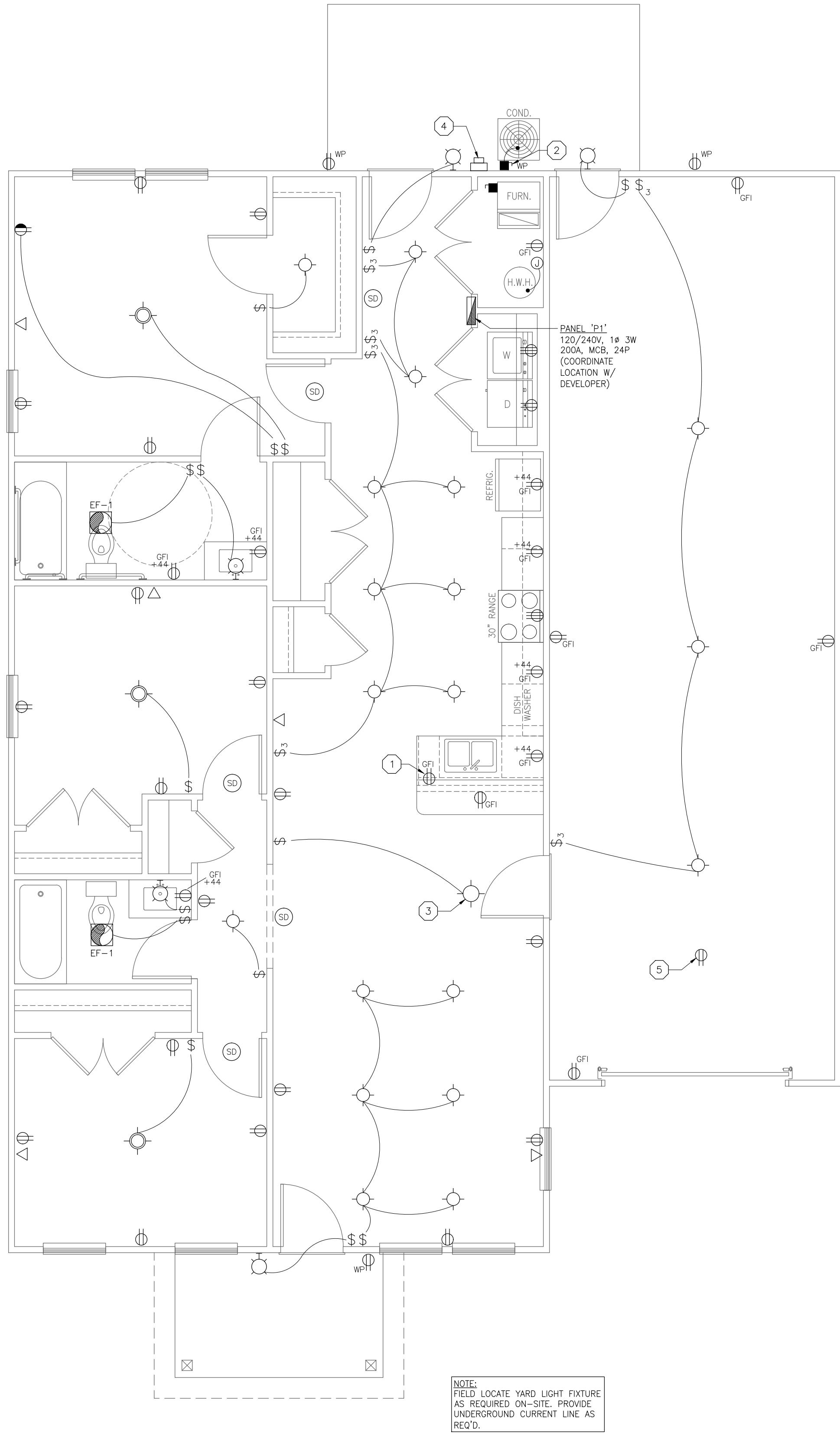
Stillwater Minnesota

PROJECT NO.	2106B
DRAWN BY	DB
CHECKED BY: MEB	INIT.
DESCRIPTION	DATE
ISSUED FOR REVIEW	05/12/2021
REV. DATA	REV. DATA

© 2021 BALAY ARCHITECTS, INC.

PLUMBING ISOMETRICS

P2



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

GENERAL NOTES:

ELECTRICAL

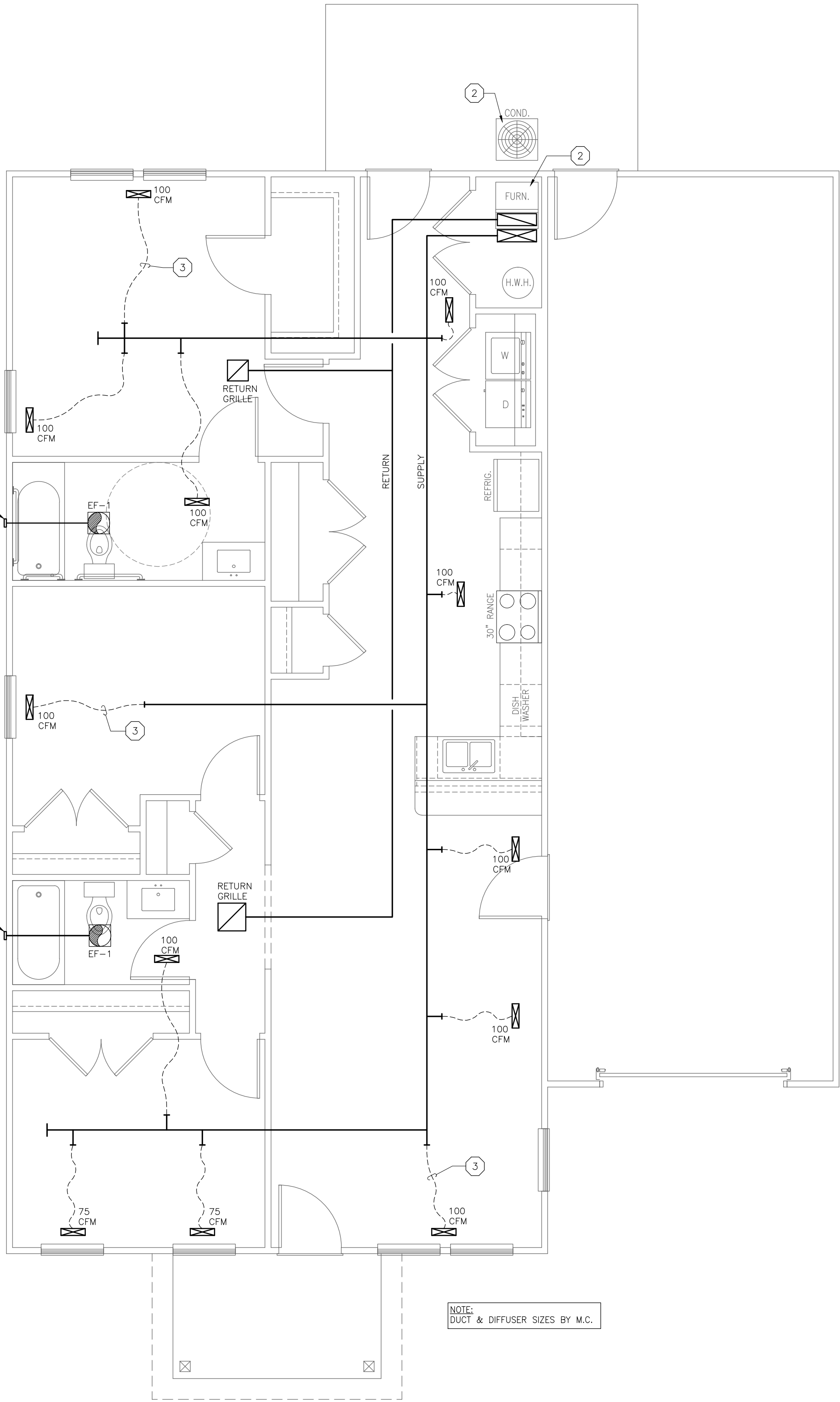
- G1. THE ELECTRICAL CONTRACTOR SHALL CONSULT WITH THE LOCAL POWER COMPANY AND PROVIDE ALL MATERIALS AND LABOR AND PAY ALL COSTS AND FEES NOT BORNE BY THE LOCAL POWER COMPANY TO PROVIDE A COMPLETE ELECTRICAL SERVICE.
- G2. ALL ELECTRICAL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE - N.E.C., LATEST EDITION, WITH ADOPTED STATE AMENDMENTS, AND SHALL BE PERFORMED IN A GOOD WORKMANLIKE MANNER. WORK SHALL BE IN ACCORDANCE WITH ALL LOCAL CODES AND INSPECTIONS.
- G3. NO CIRCUIT OR FEEDER SHALL EXCEED 3% VOLTAGE DROP.
- G4. ANY CONDUCTORS RUNNING UNDERGROUND (SERVICE, FEEDERS, BRANCH CIRCUITS, ETC.) TO HAVE "WET LOCATION" RATING IN ACCORDANCE WITH THE REQUIREMENTS OF THE NEC, SECTION 310-8.
- G5. ALL WIRING SHALL BE SIZED ACCORDING TO THE NEC ARTICLE 310-15.
- G6. SPLICES SHALL BE MADE ONLY AT ACCESSIBLE LOCATIONS: OUTLET BOXES, PANELBOARDS, JUNCTION BOXES, ETC. TERMINAL CONNECTIONS AND SPLICES IN ALL WIRE #6 AND LARGER SHALL BE MADE WITH APPROVED SOLDERLESS CONNECTORS, PROPERLY INSULATED AND TAPED WHERE NECESSARY. IN SMALLER WIRES ALL SPLICES SHALL BE MADE EITHER WITH APPROVED SOLDERLESS CONNECTORS OR SHALL BE SOLDERED AND TAPED AS REQUIRED TO INSURE PROPER INSULATION.
- G7. ELECTRICAL BOXES AND FITTINGS SHALL COMPLY WITH IUL STANDARD #50, 514-SERIES AND 886 AND NEMA STANDARDS PUBLICATIONS #051, 052 AND PUBLICATION 250.
- G8. WIRING DEVICES SHALL COMPLY WITH NEC, UL 20, 486A, 488 AND 943, IEEE STANDARD 241 AND NEMA STANDARDS PUBLICATION NO. W01, W02 AND W05.
- G9. RECEPTACLES SHALL BE GENERAL DUTY TYPE, 2-POLE, 3-WIRE, GROUNDING, 20 AMPS, 125 VOLTS. RECEPTACLES SHALL BE INSTALLED 18" ABOVE FINISH FLOOR, UNLESS OTHERWISE NOTED.
- G10. SWITCHES SHALL BE GENERAL DUTY, 20 AMPS, 120-277 VOLTS, MOUNTED 42" ABOVE FINISH FLOOR, UNLESS OTHERWISE NOTED.
- G11. FIXTURE SUPPORTS SHALL BE PROVIDED IN ACCORDANCE WITH THE REQUIREMENTS OF THE NEC, ARTICLE 700.
- G12. ALL EQUIPMENT SHALL BEAR THE UL LABEL AND BE INSTALLED ACCORDING TO THE LATEST EDITION OF THE NEC.
- G13. SERVICE EQUIPMENT SHALL BE SUITABLE FOR SHORT-CIRCUIT CURRENT AVAILABLE AT ITS SUPPLY TERMINALS AS PER NEC ARTICLE 230-65.
- G14. LIGHTING FIXTURES SHALL COMPLY WITH NEC, NEMA, UL AND IES (APPLICABLE ARTICLES).
- G15. PROVIDE MANUFACTURER'S RECOMMENDED LAMPS FOR ALL FIXTURES AND CLEAN AND REPLACE BURNED OUT LAMPS AT SUBSTANTIAL COMPLETION.
- G16. ALL DISCONNECTS AND CIRCUIT BREAKERS SHALL BE MARKED FOR IDENTIFICATION.
- G17. ALL LOCATIONS & MOUNTING HEIGHTS FOR SWITCHES, THERMOSTATS, CIRCUIT-BREAKER PANELS, ETC. TO BE A.D.A. COMPLIANT.

KEY NOTES:

- 1 MOUNT RECEPTACLE ABOVE COUNTER & BELOW BAR SURFACE.
- 2 PROVIDE WEATHERPROOF DISCONNECT ON EXTERIOR OF BUILDING WALL FOR CONDENSING UNIT.
- 3 HANGING "DINING TABLE" FIXTURE, AS SELECTED BY CONTRACTOR. EXACT LOCATION TO BE DETERMINED.
- 4 ELECTRIC METER & SERVICE RISER TO BE LOCATED PER SITE CONDITIONS. SEE CIVIL/SITE PLAN.
- 5 POWER FOR OVERHEAD DOOR OPENING. EXACT LOCATION TO BE DETERMINED.

ELECTICAL & LIGHTING LEGEND

- 120V DUPLEX RECEPTACLE
- 120V DUPLEX RECEPTACLE, ONE SIDE SWITCHED
- 120V QUAD RECEPTACLE
- 120V DUPLEX RECEPTACLE WITH GROUND FAULT INTERRUPTER
- 240V APPLIANCE RECEPTACLE
- JUNCTION BOX
- DISCONNECT
- SINGLE POLE SWITCH
- THREE WAY SWITCH
- DEVICE MOUNTING HEIGHT
- WP DEVICE IN WEATHERPROOF ENCLOSURE OR BOX
- ELECTRICAL PANEL, SIZE & TYPE AS NOTED
- TELEPHONE OUTLET
- RECESSED CAN LIGHT, AS SELECTED BY CONTRACTOR
- 2 BULB SURFACE MOUNTED LIGHT FIXTURE, AS SELECTED BY CONTRACTOR
- 75 CFM EXHAUST FAN/LIGHT. SEE HVAC PLANS FOR DUCTING
- EF-1 WALL MOUNTED SMOKE DETECTOR. POWERED FROM HOUSE CURRENT W/ BATTERY BACKUP



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

GENERAL NOTES:

HVAC

- G1. MECHANICAL CONTRACTOR TO FURNISH ALL LABOR, MATERIAL & EQUIPMENT REQUIRED FOR THE COMPLETION & OPERATION ON ALL SYSTEMS IN THIS SECTION OF WORK. ALL WORK SHALL BE IN FULL ACCORDANCE WITH 2014 INDIANA MECHANICAL CODE (2012 INTERNATIONAL MECHANICAL CODE), INDIANA ENERGY CODE (ASHRAE 90.1-2007), PERMITMENT STATE, COUNTY, CITY CODES AND ORDINANCES AND INDIANA AMENDMENTS, AND SHALL BE PERFORMED IN A GOOD WORKMANLIKE MANNER.
- G2. INSTALL ALL GAS FIRED FURNACES IN STRICT ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS & NFPA 54.
- G3. GAS PIPING SHALL BE OF BLACK STEEL PIPE, ASTM 53, A105 OR A120, AND SCHEDULE 40. GAS PIPING IN CONTACT WITH THE GROUND SHALL BE COATED WITH FACTORY INSTALLED POLYETHYLENE TAPE, 20 M.L.S. GAS COCKS, 2" & SMALLER, SHALL BE 150 PSI W.O.G., BRONZE BODY. USE THREADED JOINTS & FITTING FOR 2" & SMALLER PIPE. WELDED JOINTS FOR LARGER PIPE. INSTALL GAS PIPING IN STRICT ACCORDANCE WITH NFPA 54, NATIONAL FUEL GAS CODE. DO NOT INSTALL GAS PIPING IN CONCEALED SPACES, WITHOUT APPROVAL OF GOVERNING AUTHORITY. INSTALL SHUT-OFF COCKS, SEDIMENT TRAPS, & UNIONS AT ALL EQUIPMENT ITEMS. BOND SYSTEM TO A GROUNDING ELECTRODE IN ACCORDANCE WITH NFPA 70.
- G4. ALL PIPING, DUCTS, VENTS, ETC. EXTENDING THROUGH WALLS & ROOF SHALL BE FLASHED, COUNTER FLASHED IN A WATERPROOF MANNER WITH LEAD ROOF JACK.
- G5. ALL DUCTWORK INSULATION SHALL BE RUN CONTINUOUSLY THROUGH FLOORS, PARTITIONS.
- G6. ALL PIPING & DUCTWORK LOCATIONS SHALL BE COORDINATED WITH WORK UNDER OTHER DIVISIONS OF THE SPECIFICATIONS, TO AVOID INTERFERENCE. COORDINATE WITH ALL OTHER TRADES PRIOR TO PURCHASING OR INSTALLING EQUIPMENT & MATERIALS.
- G7. METAL DUCTWORK SHALL COMPLY WITH SMACNA "HVAC DUCT CONSTRUCTION STANDARDS, METAL & FLEXIBLE." COMPLY WITH ASHRAE HANDBOOK FOR INSTALLATION OF METAL DUCTWORK. ALSO COMPLY WITH NFPA 90A. ALL TRUNK METAL DUCTWORK SHALL BE WRAPPED WITH 1-1/2" FOIL BACK INSULATION OR PROVIDE 1" FIBERGLASS DUCT BOARD WITH PROPER SUPPORTS OR INTERNAL LINING WITH 1" FIBERGLASS DUCT INSULATION. ALL SQUARE ELBOWS SHALL HAVE AIRFOIL TYPE TURNING VANES. PROVIDE VOLUME CONTROL DAMPERS AT ALL BRANCH DUCTS TO DIFFUSERS & A MAXIMUM OF 5 FEET ABOVE THE CEILING. ALL DUCTWORK SHALL BE GALV. SHEET METAL & SHALL BE CONSTRUCTED & INSTALLED IN ACCORDANCE WITH SMACNA STANDARDS. INDICATED DUCT SIZES ARE NET FREE AREA. FOR INTERNALLY LINED DUCTS, INCREASE RECTANGULAR SHEET METAL DUCT SIZE BY TWO TIMES THE THICKNESS OF THE INSULATION.
- G8. MAXIMUM FLEXIBLE DUCT LENGTH SHALL BE 10'-0". ALL FLEXIBLE DUCT SHALL CONFORM TO THE REQUIREMENTS OF U.L. 181 FOR CLASS 1 FLEXIBLE AIR DUCTS. SUPPORT TO ELIMINATE SAGGING & KINKING.
- G9. SUPPORT DUCTS RIGIDLY WITH SUITABLE GALVANIZED TIES & FASTENERS, & RUN IN NEAT STRAIGHT LINES, TIGHT TO STRUCTURES OR WALLS. DO NOT OBSTRUCT USABLE SPACE. WHERE DUCTS PASS THROUGH WALLS, FLOORS, CEILINGS, ETC., PROVIDE FLANGES & APPROPRIATE SEALING METHODS TO APPEARANCE. PROVIDE FIRE STOPPING AS REQUIRED FOR FIRE RATED PENETRATIONS.
- G10. ALL HVAC EQUIPMENT TO BE INSTALLED PER MFG. REQUIREMENTS AS SHOWN. UTILIZE FACTORY FILTERS DURING CONSTRUCTION & REPLACE WITH REPLACEABLE MEDIA IN METAL FILTER FRAME JUST PRIOR TO TEST & BALANCE AT TIME BUILDING IS TURNED OVER. COORDINATE WITH OWNER.
- G11. PROVIDE FLEXIBLE CONNECTIONS AT ALL EQUIPMENT FOR SOUND & VIBRATION ISOLATION.
- G12. INSTALL METALBESTOS DOUBLE LINED FLEX, SIZE AS RECOMMENDED BY MANUFACTURER, UP THROUGH ROOF. UNLESS A 90% EFFICIENT FURNACE IS USED, THEN PVC PIPING WILL BE RUN AS RECOMMENDED BY THE MANUFACTURER.
- G13. MAINTAIN MINIMUM 10'-0" BETWEEN OUTDOOR AIR INTAKES & EXHAUST FAN DISCHARGE, PLUMBING VENT, ETC.
- G14. INSTALL ACCESSORY ITEMS, SUCH AS THROUGH THE WALL UNITS, AIR CLEANERS, HUMIDIFIERS, ETC. IN STRICT ACCORDANCE WITH MANUFACTURER'S PRINTED INSTRUCTIONS.
- G15. PROVIDE & INSTALL ALL CONDENSATE DRAIN LINES OVER FLOOR DRAINS.
- G16. THERMOSTAT WIRING AND LOCATION: THERMOSTAT MUST BE MOUNTED ON A VERTICAL VIBRATION-FREE SURFACE FREE FROM AIR CURRENTS AND IN ACCORDANCE WITH THE FURNISHED INSTRUCTION. MOUNT THE THERMOSTAT APPROXIMATELY 5 FEET (1.5M) ABOVE THE FLOOR AREA WHERE IT WILL BE EXPOSED TO A FREE CIRCULATION OF AVERAGE TEMPERATURE AIR. ALWAYS REFER TO THE THERMOSTAT INSTRUCTIONS AS WELL A UNIT WIRING DIAGRAM AND WIRE ACCORDINGLY.
- G17. MECHANICAL CONTRACTOR SHALL BALANCE SYSTEM TO WITHIN 10% OF AIR QUANTITIES INDICATED ON PLANS.
- G18. ALL CONTROL WIRING & CONDUIT SHALL COMPLY WITH NEC.
- G19. PIPE & DUCT ROUTING SHOWN IS SCHEMATIC. HVAC CONTRACTOR SHALL PROVIDE ANY ADDITIONAL OFFSETS AND FITTINGS, INCLUDING DIVIDED DUCTS, REQUIRED FOR PROPER INSTALLATION AND TO MAINTAIN CLEARANCES AS ENCOUNTERED IN THE FIELD.
- G20. LIGHT FIXTURE LOCATIONS TAKE PRECEDENCE OVER DIFFUSER AND GRILLE LOCATIONS. LOCATE DIFFUSERS AND GRILLES TO ACCOMMODATE LIGHTING LAYOUT.
- G21. ALL LOCATIONS & MOUNTING HEIGHTS FOR SWITCHES, THERMOSTATS, PANELS, ETC. TO BE A.D.A. COMPLIANT.

KEY NOTES:

- 1 PROVIDE WALL JACK W/ BIRD SCREEN FOR BATHROOM EXHAUST FAN
- 2 3 TON ELECTRIC/100,000 BTU GAS FURNACE & CONDENSER UNIT, 1200 CFM MAX.
- 3 FLEX DUCT, TYPICAL



THE CONSTRUCTION DOCUMENTS ARE NOT VALID UNLESS THEY ARE USED IN CONJUNCTION WITH THE SERVICE PROVIDED BY THE ARCHITECT. THE ARCHITECT'S LIABILITY IS LIMITED TO THE DESIGN OF THE PROJECT. THE ARCHITECT DOES NOT WARRANT OR GUARANTEE THE ACCURACY OF THE INFORMATION PROVIDED BY OTHERS. THE ARCHITECT'S LIABILITY IS LIMITED TO THE DESIGN OF THE PROJECT. THE ARCHITECT DOES NOT WARRANT OR GUARANTEE THE ACCURACY OF THE INFORMATION PROVIDED BY OTHERS.

INDIANA

PROTOTYPICAL HOUSE PLANS FOR:

"THE NEST: WITH GARAGE"

MARION COUNTY

Randy Baker
Director of Business Development
randy@structuremidwest.com

Steve Mikolajczak
Vice President
steve@structuremidwest.com

1304 Myrie Road Dr.
Carmel, IN 46033
Office 317-669-8896
www.structuremidwest.com

FOR REVIEW ONLY
NOT FOR CONSTRUCTION

Michael E. Balay
Principal Architect
Balay Architects
46038 Indiana
Tel: (317) 219-4605
mike@balayarchitects.com

BALAY
ARCHITECTS

indianapolis

Stillwater Minnesota

PROJECT NO.	2106B
DRAWN BY:	D
CHECKED BY:	MEB
DATE	05/12/2021
INIT.	
DATE	
INIT.	
DATE	
INIT.	
DATE	
INIT.	

REV. DATA

© 2021 BALAY ARCHITECTS, INC.

HVAC & ELECTRICAL PLANS

ME1