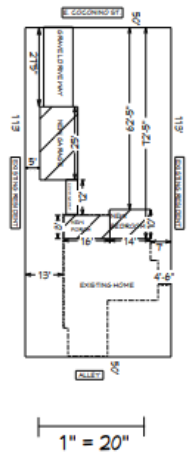


1"=10'



REVISION TABLE	REVISION DATE	REVISION DESCRIPTION

SITE PLAN

A1 DRAFTING  
480-881-2331

DATE:  
10/9/2019  
SCALE:  
1"=10'  
SHEET:  
P-1

**DOOR AND WINDOW NOTES:**

EVERY BEDROOM SHALL BE PROVIDED WITH AN EGRESS WINDOW WITH FINISH SILL HEIGHT NOT GREATER THAN 44" ABOVE THE FINISH FLOOR HEIGHT AND SHALL HAVE A MINIMUM OPENABLE AREA OF 5.7 SQ. FT. EGRESS WINDOWS SHALL NOT HAVE AN OPENABLE AREA LESS THAN 20" WIDE OR 24" HIGH.

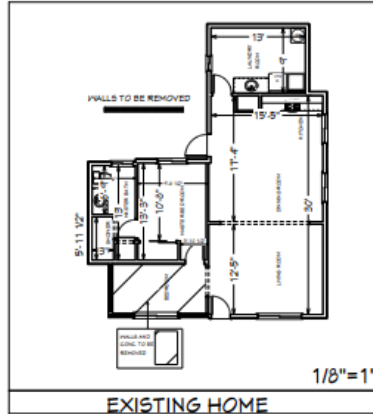
ALL WALK-THRU DOORS SHALL BE SOLID CORE

INTERIOR DOORS SHALL BE PAINTED. ENTRY DOOR TO BE DEFINED BY HOME OWNER PRIOR ORDERING

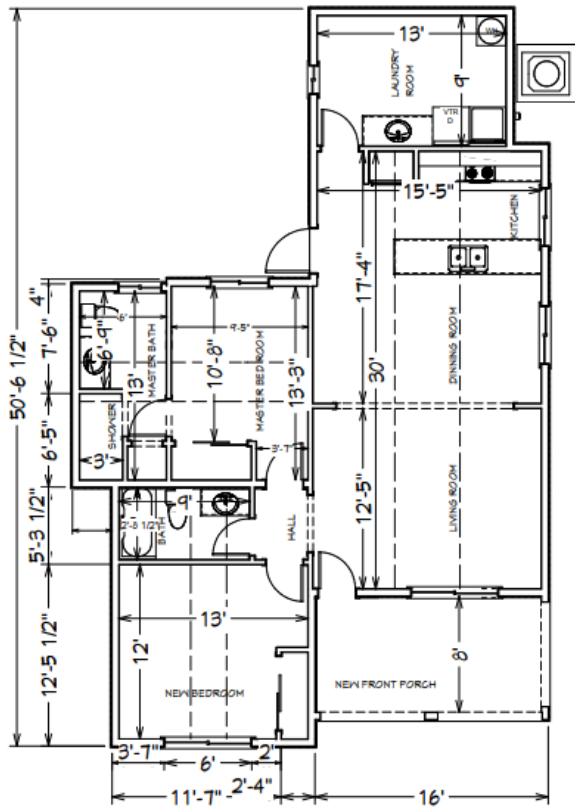
DOORS BETWEEN GARAGE AND LIVING AREA SHALL BE 1-3/4" TIGHT FITTING SOLID CORE DOORS WITH A RATING OF 60 MINUTES. DOOR SHALL BE SELF CLOSING

EXTERIOR EXIT DOORS WILL BE 36" MIN. NET CLEAR DOORWAY SHALL BE 32" MIN. DOOR SHALL BE OPENABLE FROM INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT. GLAZING IN DOORS SHALL BE DUAL PANE SAFETY GLASS WITH MIN. U-VALUE OF 0.60

GARAGE DOORS TO BE SECTIONAL, OVERHEAD DOORS



**FLOOR PLAN**



**NOTE:**

EXISTING CONCRETE TO BE CUT IN MINOR AREAS FOR PLUMBING

**NOTE:**

CONCRETE TO BE ADDED IN SPECIFIC AREAS FOR REINFORCEMENT.

**FOUNDATION NOTES:**

SLOPE CRASH SPACE TO DRAIN, MAXIMUM SLOPE IS 3 HORIZ., 1 VERT. BETWEEN FOOTINGS AT DIFFERENT ELEVATIONS.

ALL FOOTINGS TO REST ON CLEAN, FIRM UNDISTURBED SOIL. STEP FOOTINGS ARE REQUIRED TO MAINTAIN REQUIRED DEPTH BELOW FINISH GRADES.

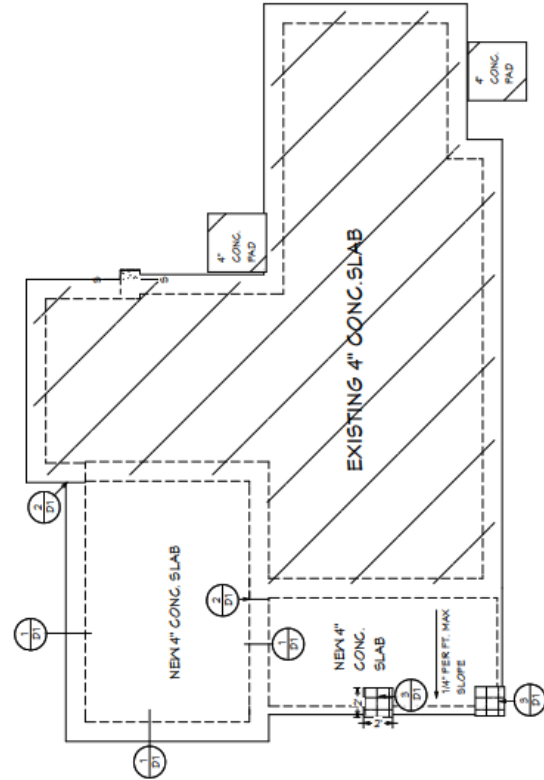
CONCRETE STRENGTH:  
3,000 PSI AT 28 DAYS FOR ALL SLABS. (FOUNDATION DESIGN BASED ON 2,500 PSI)  
3,000 PSI AT 28 DAYS FOR ALL OTHER CONDITION.  
MAXIMUM SLUMP: 4"

USE ASTM A615 GRADE 60 DEFORMED REINFORCING BARS UNLESS NOTED OTHERWISE

CONCRETE EXPANSION ANCHORS SHALL BE 'SIMPSON WEDGE-ALL STUD ANCHORS' OR ENGINEER APPROVED EQUAL. EPOXY TO BE SIMPSON 'SET' ADHESIVE OR APPROVED EQUAL.

INFILTRATION, ALL OPENINGS IN THE EXT. BLDG. ENVELOPE SHALL BE SEALED AGAINST AIR INFILTRATION. THE FOLLOWING AREAS MUST BE SEALED.

- \* JOINTS AROUND WINDOW AND DOOR FRAMES
- \* JOINTS BETWEEN WALL CAVITY AND WINDOW/FR. ME.
- \* JOINTS BETWEEN WALL AND FOUNDATION
- \* JOINTS BETWEEN WALL AND ROOF
- \* JOINTS BETWEEN WALL PANELS
- \* UTILITY PENETRATIONS THROUGH EXTERIOR WALLS



**FOUNDATION**

REVISION TABLE	NO.	DATE	DESCRIPTION

**FLOOR PLAN**

A1 DRAFTING  
480-881-2331

DATE:

10/9/2019

SCALE:

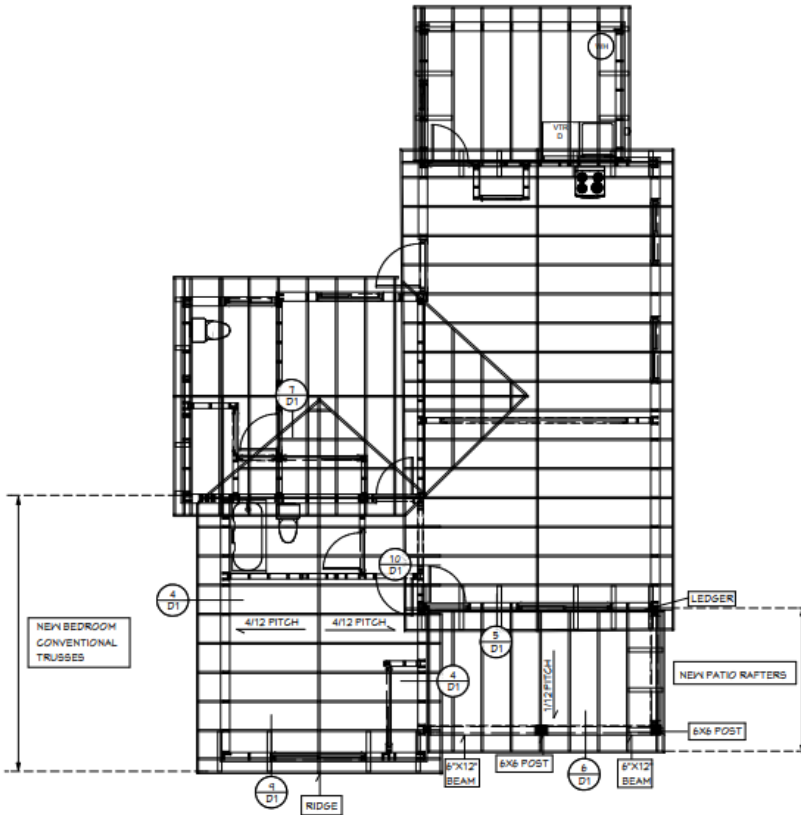
1/4" = 1'

SHEET:

2

**NOTE:**  
 ALL NEW FRAMING TO  
 BATHROOM, BEDROOM AND  
 PATIO TO BE  
 CONVENTIONAL FRAMING

**NOTE:**  
 ALL WINDOWS AND  
 DOORS TO COMPLY  
 WITH DETAIL (S/D1)



**FRAMING**

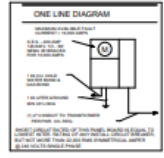
**NOTE:**  
 ALL EXTERIOR  
 LIGHTING TO BE  
 DARK SKY TO  
 COMPLY WITH  
 LIGHTING  
 ORDINANCE.

**ELECTRICAL LEGEND**

- SWITCH
- LIGHT
- ◻ ELECTRICAL PANEL
- Ⓜ MOTOR
- Ⓡ RESISTIVE LOAD
- Ⓢ SINGLE PHASE
- Ⓣ THREE PHASE
- TRANSFORMER
- Ⓠ FUSE
- Ⓝ CIRCUIT BREAKER
- Ⓟ ELECTRICAL PANEL
- Ⓡ RESISTIVE LOAD
- Ⓢ SINGLE PHASE
- Ⓣ THREE PHASE
- TRANSFORMER
- Ⓠ FUSE
- Ⓝ CIRCUIT BREAKER

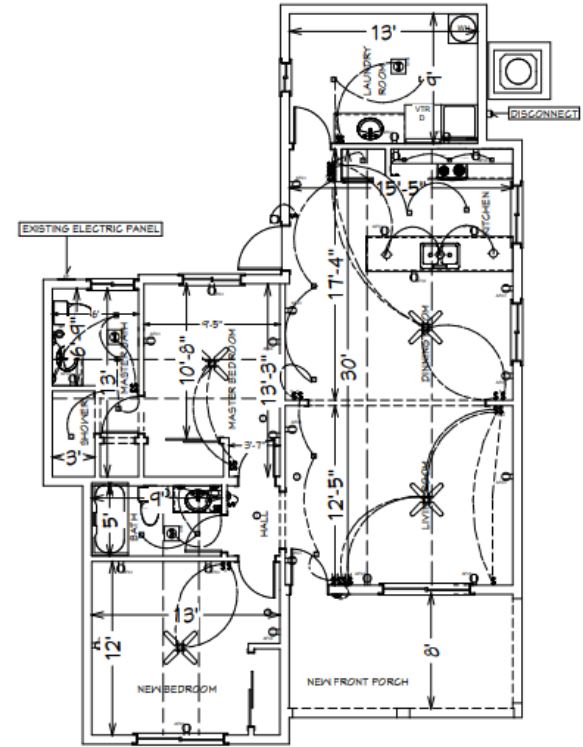
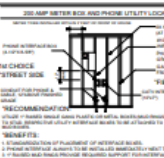
**LOAD CALCULATIONS**

ITEM	LOAD	WATTAGE	VOLTS	AMPERES
LIGHTS	100 VA	10000	120	83.3
RESISTIVE LOADS	100 VA	10000	120	83.3
MOTORS	100 VA	10000	120	83.3
TRANSFORMERS	100 VA	10000	120	83.3
FUSE	100 VA	10000	120	83.3
CIRCUIT BREAKER	100 VA	10000	120	83.3
SWITCH	100 VA	10000	120	83.3
ELECTRICAL PANEL	100 VA	10000	120	83.3
TRANSFORMER	100 VA	10000	120	83.3
FUSE	100 VA	10000	120	83.3
CIRCUIT BREAKER	100 VA	10000	120	83.3
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TRANSFORMER	100 VA	10000	120	83.3
FUSE	100 VA	10000	120	83.3
CIRCUIT BREAKER	100 VA	10000	120	83.3
SWITCH	100 VA	10000	120	83.3



**PANEL BOARD SCHEDULE**

PANEL NO.	TYPE	VOLTS	PHASES	WIRING	LOADS	REMARKS
1	MAIN	120/240	3	W	SEE SCHEDULE	
2	MAIN	120/240	3	W	SEE SCHEDULE	
3	MAIN	120/240	3	W	SEE SCHEDULE	
4	MAIN	120/240	3	W	SEE SCHEDULE	
5	MAIN	120/240	3	W	SEE SCHEDULE	
6	MAIN	120/240	3	W	SEE SCHEDULE	
7	MAIN	120/240	3	W	SEE SCHEDULE	
8	MAIN	120/240	3	W	SEE SCHEDULE	
9	MAIN	120/240	3	W	SEE SCHEDULE	
10	MAIN	120/240	3	W	SEE SCHEDULE	
11	MAIN	120/240	3	W	SEE SCHEDULE	
12	MAIN	120/240	3	W	SEE SCHEDULE	
13	MAIN	120/240	3	W	SEE SCHEDULE	
14	MAIN	120/240	3	W	SEE SCHEDULE	
15	MAIN	120/240	3	W	SEE SCHEDULE	
16	MAIN	120/240	3	W	SEE SCHEDULE	
17	MAIN	120/240	3	W	SEE SCHEDULE	
18	MAIN	120/240	3	W	SEE SCHEDULE	
19	MAIN	120/240	3	W	SEE SCHEDULE	
20	MAIN	120/240	3	W	SEE SCHEDULE	
21	MAIN	120/240	3	W	SEE SCHEDULE	
22	MAIN	120/240	3	W	SEE SCHEDULE	
23	MAIN	120/240	3	W	SEE SCHEDULE	
24	MAIN	120/240	3	W	SEE SCHEDULE	
25	MAIN	120/240	3	W	SEE SCHEDULE	
26	MAIN	120/240	3	W	SEE SCHEDULE	
27	MAIN	120/240	3	W	SEE SCHEDULE	
28	MAIN	120/240	3	W	SEE SCHEDULE	
29	MAIN	120/240	3	W	SEE SCHEDULE	
30	MAIN	120/240	3	W	SEE SCHEDULE	
31	MAIN	120/240	3	W	SEE SCHEDULE	
32	MAIN	120/240	3	W	SEE SCHEDULE	
33	MAIN	120/240	3	W	SEE SCHEDULE	
34	MAIN	120/240	3	W	SEE SCHEDULE	
35	MAIN	120/240	3	W	SEE SCHEDULE	
36	MAIN	120/240	3	W	SEE SCHEDULE	
37	MAIN	120/240	3	W	SEE SCHEDULE	
38	MAIN	120/240	3	W	SEE SCHEDULE	
39	MAIN	120/240	3	W	SEE SCHEDULE	
40	MAIN	120/240	3	W	SEE SCHEDULE	



**ELECTRICAL**

**REVISIONS**

NO.	DATE	DESCRIPTION

**FRAMING / ELECTRICAL**

**A1 DRAFTING**  
 480-881-2331

**DATE:**  
 10/9/2019  
**SCALE:**  
 1/4" = 1'  
**SHEET:**

**3**

**VENTILATION NOTES:**  
 ALL COMBUSTION APPLIANCES WILL BE VENTED DIRECTLY TO THE EXTERIOR. FURNACE FIREBOX AND TANKLESS WATER HEATER SHALL HAVE OUTSIDE COMBUSTION AIR SUPPLY PURSUANT TO REGIONAL AND LOCAL CODES.

ATTIC SHALL HAVE VENTILATION EQUAL TO 1 SQ. FOOT PER 150 SQ. FEET OF ATTIC SPACE. VENTILATION SHALL BE PROTECTED FROM SNOW AND RAIN AND SHALL BE COVERED WITH GALVANIZED WIRE SCREEN. OPENINGS SHALL BE LOCATED TO PROVIDE CROSS VENTILATION.

EXHAUST ALL VENTS AND FANS DIRECTLY TO OUTSIDE VIA METAL DUCTS. PROVIDE 90 CFM (MIN) FANS TO PROVIDE 5 AIR CHANGES PER HOUR IN BATHS CONTAINING TUB AND / OR SHOWER AND IN LAUNDRY ROOMS.

GARAGES SHALL BE VENTED WITH 60 SQUARE INCHES LOCATED 6" ABOVE THE FLOOR SURFACE.

UNDER FLOOR SPACES SHALL HAVE VENTILATION EQUAL TO ONE SQ. FOOT PER 90 SQ. FEET OF FLOOR SPACE. VENTS SHALL BE CAST INTO THE CONCRETE STEM WALLS AND COVERED WITH GALVANIZED WIRE SCREEN. VENTS SHALL BE LOCATED TO PROVIDE CROSS VENTILATION.

39.5 F.U.  
 200' DEVELOPED LENGTH  
 13' ABOVE METER  
 46 PSI - LOWEST AVAILABLE PRESSURE  
 1" METER  
 1 1/4" SUPPLY

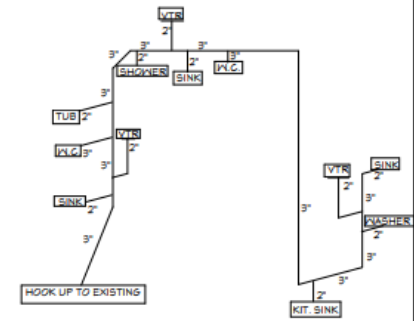
W.C. KIT.  
 LAV. SINK  
 WASHER  
 SINK  
 SHOWER TUB

— COLD  
 - - - - - HOT

**WATER SUPPLY ISO. (NTS)**

MARK	FIXTURES	CONNECTIONS				REMARKS
		CIN	SIN	SS	V	
WC	WATER CLOSET	1/2"	1/2"	3"	4"	FLUSH TANK MAX FAUCET MAX 2.75 GPM
LAV. SINK	LAVATORY SINK	1/2"	1/2"	2"	2"	FAUCET MAX 2.75 GPM
KIT SINK	KITCHEN SINK	1/2"	1/2"	2"	2"	FAUCET MAX 2.75 GPM
S	SHOWER	1/2"	1/2"	2"	3"	MAX 2.75 GPM
WA	WASHER	1/2"	1/2"	2"	2"	

**PLUMBING ISOMETRICS**



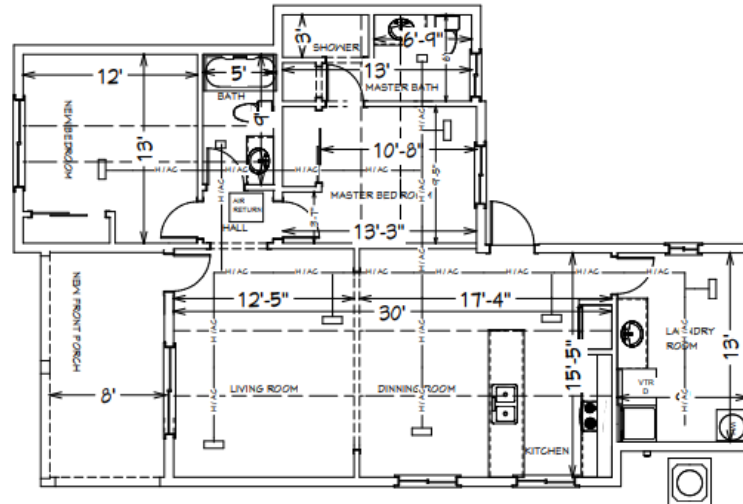
ABS 40 SCH.  
 4" TRUNK

**CLEANOUTS @ ALL LAVS, TUBS, SHOWERS AND KITCHEN**

**WASTE ISO (NTS)**

W.C. KIT.  
 LAV. SINK  
 WASHER  
 SINK  
 SHOWER TUB

2-WAY CLEANOUT TO SEWER  
 2" 3" 4"  
 2" VTR

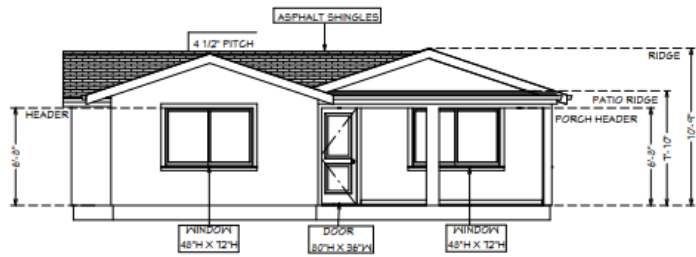


REVISION TABLE		
NUMBER DATE	REVISION BY	DESCRIPTION

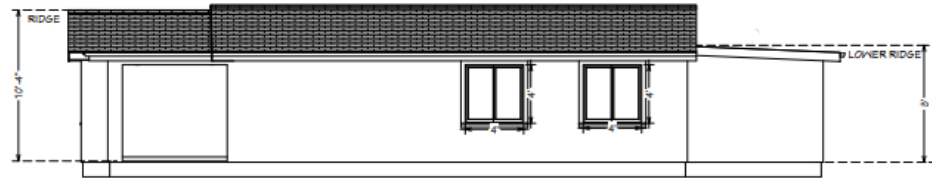
PLUMBING / MECHANICAL

A1 DRAFTING  
 480-881-2331

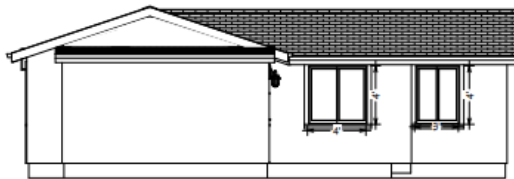
DATE:  
 10/9/2019  
 SCALE:  
 1/4" = 1'  
 SHEET:



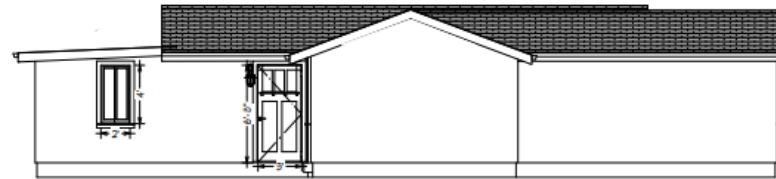
FRONT ELEVATION (N)



RIGHT ELEVATION (W)



BACK ELEVATION (S)



LEFT ELEVATION (E)

REVISION TABLE	DATE	REVISION DESCRIPTION

ELEVATION

A1 DRAFTING  
480-881-2331

DATE:

10/9/2019

SCALE:

1/4" = 1'

SHEET:

5