### 1016 ATHENS

### HENDERSON, NV.

OCCUPANCY CLASSIFICATION: SINGLE FAMILY DWELLING

### OWNER INFORMATION

ASSESSOR PARCEL NO.: 160-33-801-018

JOBSITE ADDRESS: (LOT 1) 1016 ATHENS AVE, HENDERSON, NV., 89002

OWNER NAME: SOUTH WEST ENTERPRISE HOLDINGS L L C

PROJECT NAME: 1016 ATHENS AVE.

### CONTRACTOR DECARATION

NAME: ASSURED DEVELOPMENT

ADDRESS: 2 IDAHO WAY

STATE: NEVADA CITY: HENDERSON ZIP: 89015

DATE: 07/08/20

OCCUPANCY TYPE: R-3/U-1

CONSTRUCTION TYPE: V N

VICINITY MAP

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### 2018 INTERNATIONAL BUILDING CODE

CODE REFERENCE

THESE SET OF DOCUMENTS ARE PREPARED IN ACCORDANCE WITH:

2018 INTERNATIONAL RESIDENTIAL CODE

2018 UNIFORM MECHANICAL CODE 2018 UNIFORM PLUMBING CODE

2017 NATIONAL ELECTRICAL CODE

2018 INTERNATIONAL ENERGY CONSERVATION CODE

AND SOUTHERN NEVADA AMENDMENTS

### GENERAL NOTES

- 1) THE DATA INDICATED ON THE DRAWINGS AND IN THESE SPECIFICATIONS ARE AS EXACT AS COULD BE SECURED, BUT THEIR ABSOLUTE ACCURACY IS NOT GUARANTEED. EXACT LOCATIONS, DISTANCES, LEVELS AND OTHER CONDITIONS WILL BE GOVERNED BY THE BUILDING. USE THE DRAWINGS AND SPECIFICATIONS FOR GUIDANCE AND SECURE THE OWNER'S APPROVAL OF ANY AND ALL CHANGES IN ADVANCE.
- 2) ALL WORK, MATERIALS, METHODS ETC. SHALL CONFORM TO ALL APPLICABLE CODES AND ORDINANCES.
- THE CONTRACTOR SHALL VISIT THE SITE & VERIFY ALL EXISTING CONDITIONS BEFORE COMMENCING WORK, ANY DISCREPANCIES SHALL BE REPORTED TO THE BUILDING OWNER.
- 4) THE CONTRACTOR OR SUBCONTRACTOR COVERING ANY OR ALL TRADES SHALL NOTIFY BUILDING OWNER OF ANY CONFLICT BETWEEN CONTRACT DRAWINGS AND SCOPE OF WORK PRIOR TO COMMENCING WORK.
- 5) NO DEVIATIONS FROM THE CONTRACT DOCUMENTS OR SPECIFICATIONS SHALL BE MADE WITHOUT WRITTEN APPROVAL FROM DESIGNER.
- 6) MATERIALS TO BE USED SHALL BE OF FIRST QUALITY. ALL WORK SHALL BE PERFORMED BY SKILLED MECHANICS IN A WORKMANLIKE MANNER.
- 7) CLEAN, PATCH & REPAIR ALL SURFACES DAMAGED BY DEMOLITION OR ALTERATION OF WORK AS REQUIRED, INCLUDING EXISTING FIRE-RATED ASSEMBLIES.
- 8) CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING AND PROVIDING ALL BUILDING MATERIALS & FINISHES NOT SPECIFICALLY ADDRESSED IN PLANS.
- 9) WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALE IN THE CONTRACT DOCUMENTS.
- 0) THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING THE PREMISES FREE FROM ACCUMULATION OF WASTE MATERIALS OR RUBBISH AND FOR REMOVAL OF ALL DEBRIS FROM THE BUILDING PREMISES. BUILDING WASTE RECEPTACLES ARE NOT TO BE USED FOR CONSTRUCTION DEBRIS.
- 11) THE CONTRACTOR SHALL PICK UP AND PAY FOR ANY PERMITS NOT PROVIDED BY BUILDING OWNER.
- 12) ALL EXISTING WALLS SHALL BE REFINISHED AS NECESSARY FOR SPECIFIED NEW INTERIOR FINISH APPLICATIONS.
- 3) SOME OF THE FINISHES AND FIXTURES CONTAINED IN THIS DOCUMENT ARE ON EXTENDED LEAD TIME AND MAY REQUIRE SPECIAL COORDINATION AND ADVANCED ORDERING. SUBSTITUTIONS WILL NOT BE ALLOWED FOR MATERIALS NOT ORDERED IN A TIMELY FASHION.
- 4) CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF ALL CASEWORK FOR REVIEW AND APPROVAL.

Note: Approved addresses shall be provided for all new buildings in such a position as to be plainly visible and legible from the street or road fronting the property. (PER IRC)

Note: Where ½ inch gypsum board is installed on ceilings framed at 24-inch on center and where a water-based textured finish is to be applied, or where it will be required to support insulation above a ceiling, the  $\frac{1}{2}$  inch gypsum board shall be sag resistant ceiling board or increased to 5/8 inch gypsum board. (PER IRC)

Note: Cement, fiber-cement or glass mat gypsum backers in compliance with ASTM C 1288, C 1325 or C 1178 and installed in accordance with manufacturer's recommendations shall be used as backers for wall tile in tub and shower areas and wall panels in shower areas. (PER IRC) Note: Bathtub and shower floors and walls above bathtubs with installed shower heads and in shower compartments shall be finished with a nonabsorbent surface. Such wall surfaces shall extend to a height of not less than 6 feet above the floor. (PER IRC)

Note: In every kitchen, family room, dining room, living room, parlor, library, den, sunroom, bedroom, recreation room, or similar room or area of dwelling units, receptacle outlets shall be installed in accordance with the general provisions specified in the following articles. Spacing NEC Article 210.52(A) (1), Wall Space NEC Article 210.52(A) (2) as amended & Floor Receptacles NEC Article 210.52(A) (3) as amended.

Note: The following fastened—in—place appliances are required to have a separate minimum 20-ampere circuit: dishwasher, trash compactor, microwave oven, range hood, clothes washer and hydro-massage bathtub. The clothes washer circuit may serve one (1) additional outlet in the laundry area. (PER NEC)

Note: Countertops in kitchen and dining rooms of dwelling units, receptacle outlets for counter spaces shall be installed in accordance with the following articles. Wall Counter Space NEC Article 210.52(C)(1), Island Counter Space NEC Article 210.52(C)(2) as amended, Peninsular

Counter Space NEC Article 210.52(C)(3) as amended, Separate Spaces NEC Article 210.52(C)(4) & Receptacle Outlet Locations NEC Article 210.52(C)(5). (NEC Article 210.52(A)) Note: In the kitchen, pantry, breakfast room, dining room, or similar area of a dwelling unit, the two or more 20-ampere small-appliance branch circuits required by 210.11(C)(1) shall serve all wall and floor receptacle outlets covered by 210.52(A), all countertop outlets covered by

210.52(C), and receptacle outlets for refrigeration equipment. (PER NEC) Note: All 120-volt, single phase, 15- and 20-ampere branch circuits supplying outlets in stalled in dwelling unit rooms shall be protected by a listed arc—fault circuit interrupter, combination type installed to provide protection of the branch circuit. (PER NEC)

Note: No more than (5) duplex receptacle outlets serving the required countertop receptacles shall be installed on any small appliance branch circuit. (PER NEC)

Note: The maximum number of outlets on a 20-ampere, 125-volt circuit used either exclusively for receptacles or exclusively for lighting fixtures or for any combination of receptacles and

lighting fixtures shall be 12. (See exceptions) (PER NEC) Note: Outlet boxes or outlet box systems used as the sole support of a ceiling—suspended (paddle) fan shall be listed, shall be marked by their manufacturer as suitable for this purpose, and shall not support ceiling-suspended (paddle) fans that weigh more than 32 kg (70 lb). For

outlet boxes or outlet box systems designed to support ceiling—suspended (paddle) fans that weigh more than 16 kg (35 lb), the required marking shall include the maximum weight to be supported. (PFR NFC)

Note: Luminaires in clothes closets shall be installed in accordance with NEC.

Note: All luminaires (fixtures) installed in damp locations shall be marked, "Suitable for Wet Locations" or "Suitable for Damp Locations." (PER NEC)

Note: Water heaters shall be anchored or strapped to resist horizontal displacement due to earthquake motion. Strapping shall be at points within the upper one—third and lower one—third of its vertical dimensions. At the lower point, a minimum distance of four inches shall be maintained above the controls with the strapping. (PER UPC)

Note: Water heaters are required to have a heat trap. Exception: if the trap is integral to the water heater or if part of hot water circulating system. (PER IECC)

Note: All building water supply systems in which quick—acting valves are installed shall be provided with devices to absorb the hammer caused by high pressures resulting from the quick closing of valves. (i.e. dishwashers, washing machines) (PER UPC)

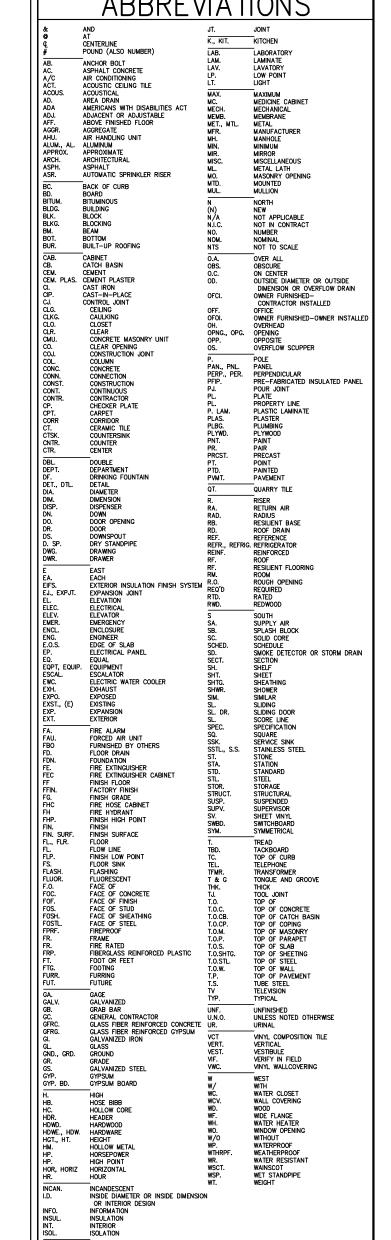
Note: Where applicable, special venting for island fixtures shall comply with UPC. Note: Where a sediment trap is required by code, such as at gas water heaters and furnaces, and is not incorporated as a part of the gas utilization equipment, a sediment trap shall be installed as close to the inlet of the equipment as practical at the time of the equipment

Note: Ducts in the garage and ducts penetrating the walls or ceilings separating the dwelling from the garage shall be constructed of minimum No. 26 gage sheet steel or other approved material and shall have no openings into the garage. (PER IRC)

Note: When a cooling coil or cooling unit is located in an attic or furred space where damage may result from condensate overflow, a secondary drain shall be provided. (PER UMC) Note: The moisture exhaust duct for the domestic clothes dryer shall terminates on the outside of the building and be equipped with a back—draft damper. Screens shall not be installed at the duct termination. The duct should be a minimum 4 inches diameter with a maximum run of 14 feet, including two 90-degree elbows. (PER UMC)

Exception: When exhaust ducts terminate on a roof, backdraft dampers are not required

### **ABBREVIATIONS**



JANITOR JOIST

# S

REVISIONS

TE OF NEL

B-2 GENERAL

CONTRACTOR

LIC #85290

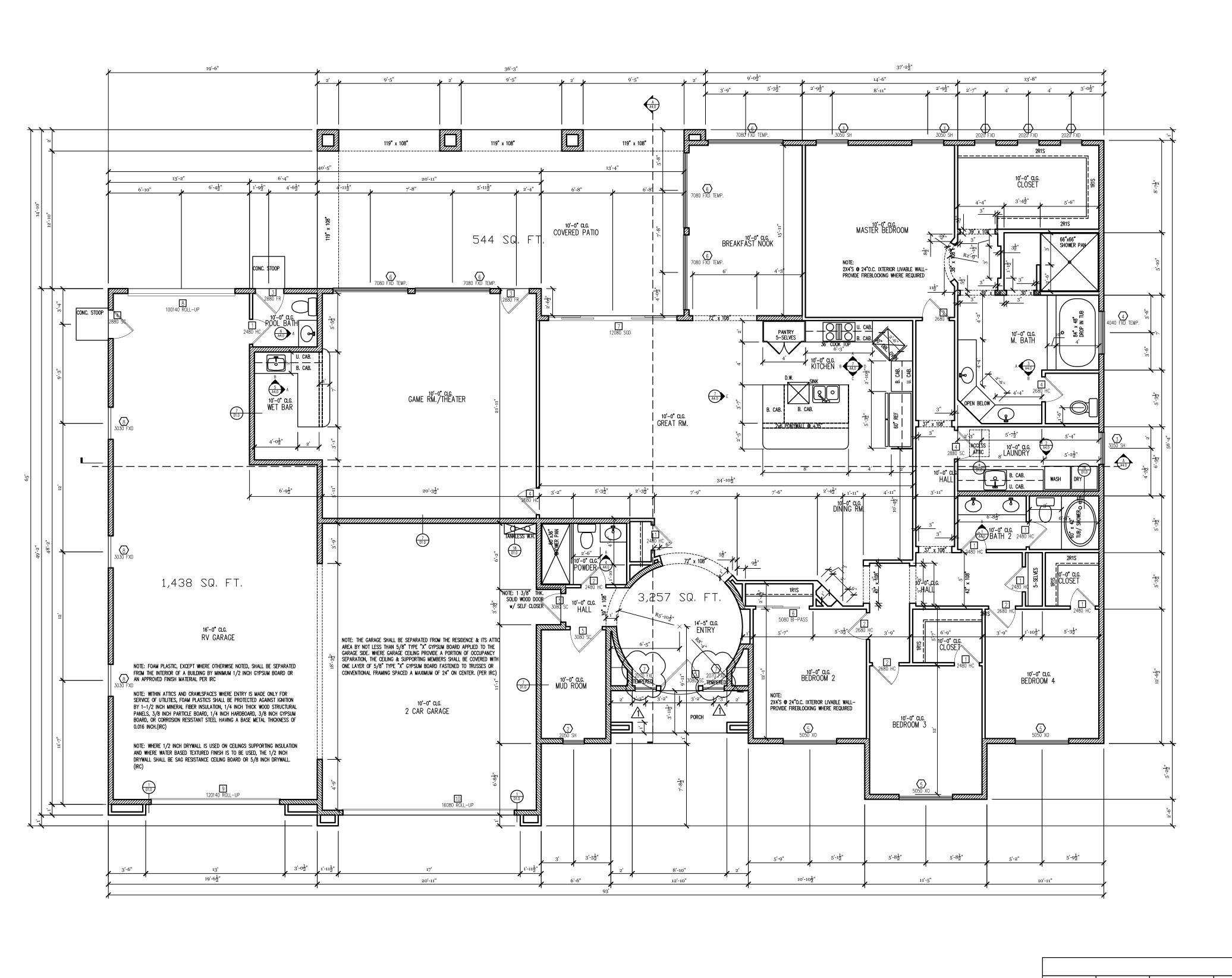
3/31/2021

ONAL CON

DATE

ORIGINAL DATE: 05/01/20

SCALE: 3/16" = 1'-0"LIVABLE AREA: 3.522 SQ. FT.



Scale: 3/16'' = 1'-0''

HOUSE SQUARE FO	OOTAGE	
1ST FLOOR	3,522	
TOTAL LIVABLE	3,522	
PORCH	_	
COVERED PATIO	570	
GARAGE	1438	
TOTAL COMBINED	5,530	
= 2x4 WALLS	5	
= 2x6 WALLS	(R-INSULATIO	ON ON EXTERIOR

FLAT PANEL HOLLOW CORE, OPTIONAL RASED RAISED PANEL.	
TYPICAL FRENCH DOOR:	
TEMPERED GLASS, 1-LITE FRENCH TO BE SWING DOOR W/ SELF CLOSER	
TYPICAL GARAGE DOOR:	
GARAGE DOOR TO BE ROLL-UP (SEE ELEV. FOR APPEARANCE) OPT. GARAGE DOOR	
OPENER.	
REFER TO FLOOR PLAN FOR DOOR SIZES!	
WINDOW NOTES	
TYPICAL EXTERIOR WINDOWS:	
ALUMINUM FRAME, DUAL PAIN, CLEAR GLASS, AND POSITIVE LOCKING MECHANISM.	
THE ACTIVE PAIN OF ALL WINDOWS IN BEDROOMS SHALL HAVE A MIN. NET CLEAR OPENABLE AREA OF 5.7 SQ. FT. A MIN. NET CLEAR OPENABLES HEIGHT 24", A MIN. NET CLEAR OPENABLE WIDTH OF 20", AND THE FINISHED SILL HEIGHT NOT MORE THAN 44" ABOVE FINISHED FLOOR	
LIGHT AND VENTILATION REQUIREMENTS FOR ALL WINDOWS ARE TO COMPLY WITH IRC	
GLASS IN HAZARDOUS AREAS AND ALL GLASS WITHIN 18 INCHES OF THE FLOOR SHALL BE SAFETY GLASS, PER IRC	
KEYNOTES	
SPECIFIC FLOOR PLAN NOTES  MISC. FIELD NOTES	
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DOOR NOTES

TYPICAL INTERIOR DOOR:

TYPICAL EXTERIOR DOOR AND GARAGE MAN DOOR
MIN. OF 1 3/4" SOLID CORE, AND AT GARAGE
A SELF CLOSER WITH TIGHT FITTING THRESHOLD.

**REVISIONS** 

1 09/03/2020

NO. DATE

FLOOR PLAN

ORIGINAL DATE:	
05/01/20	
SCALE:	
3/16" = 1'-0"	
LIVABLE AREA:	
3,522 SQ. FT.	

A1.0

	2 2680 HC 3 2880 FR	HOLLOW CORE 2'-6" 8'-0" FRENCH 2'-8" 8'-0"	WOOD         -         6           WOOD         -         6           WOOD         TEMPERED         2	LOCATION ALL BATHROOMS & CLOSETS ALL BEDROOMS, CLOSETS POOL BATH / GAME RM.	REMARKS PROVIDE LOCK	
WINDOW SCHEDULE	4 2880 SC 5 3080 SC	SOLID CORE 2'-8" 8'-0" SOLID CORE 3'-0" 8'-0"	WOOD - 1 WOOD - 3	LAUNDRY GARAGE / MUD ROOM/ ENTRY	<del>-</del>	
SIZE   NUMBER   TYPE   WIDTH   HEIGHT   FRAMING   GLAZING   QUANITY   LOCATION	6 5080 BI-P.	-P. BI-PASS   5'-0"   8'-0"   D. SLIDING GLASS   12'-0"   8'-0"   DLL ROLL-UP   10'-0"   14'-0"   DLL ROLL-UP   12'-0"   14'-0"	WOOD         -         2           METAL         TEMPERED         1           ALUMINUM         -         1           ALUMINUM         -         1	BEDROOM 2 / HOME OFFICE GREAT ROOM GARAGE GARAGE GARAGE	- - - - -	
1	PROVIDED LOCK  TEMPERED  1. FRONT ENTE  W/ A LOCK!	OOR SCHEDULE AND TRY DOOR SHALL HAVE WEATHER STRIPPIN EKSET AND DEADBOLT U.N.O. PRIVACY LOCKS AT ALL BEDROOM & BATHF	G & METAL THRESHOLD, A PEEP HOLE @ 6	50" A.F.F. AND BE PROVIDED	DOOR SWING  INSIDE OUTSIDE	INSIDE OUTSIDE
WINDOW SCHEDULE AND NOTES  FX = FIX WINDOW  SCHEDULE AND NOTES  FR = FROSTED GLAZING  TR = FIXED TRANSOM ABOVE  AR = FIXED ARCHED WINDOW  DH = DOUBLE HUNG WINDOW  CS = CASEMENT WINDOW  BG = BUTT GLAZING  HD = FIXED HALF ROUND WINDOW  ACCORDANCE WITH ALL MF'R SPECS  3. ALL WINDOWS TO BE MANUFACTURED TO THE FALLOWING: MAXIMUM STC RATING TO BE 30, MINIMUM STC RATING TO BE 30, MINIMUM STC RATING TO BE 25.	3. ALL DOOR 1  HC = HOLLOW C  SC = SOLID COF  FR = FRENCH D  FRF = FRENCH  HCM = HOLLOW  FRD = SOLID W		BP = BYPASS DOORS BF = BI FOLD DOOR XO = SLIDE GLASS DOOR (TEMP	PERED GLASS) S DOOR		GHT HAND LEFT HAND REVERSE REVERSE (RHR) (LHR)

DOOR SCHEDULE

Roof Tile: Boral Saxony 900 Charcoal Blend

Stucco Base: Argos Sherwin Williams 7065

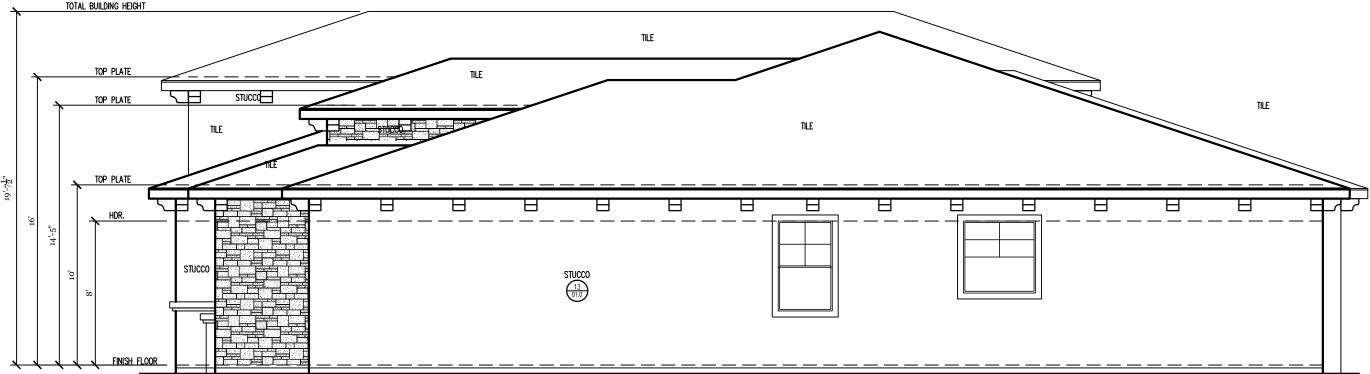
Trim: Grizzle Gray Sherwin Williams 7068

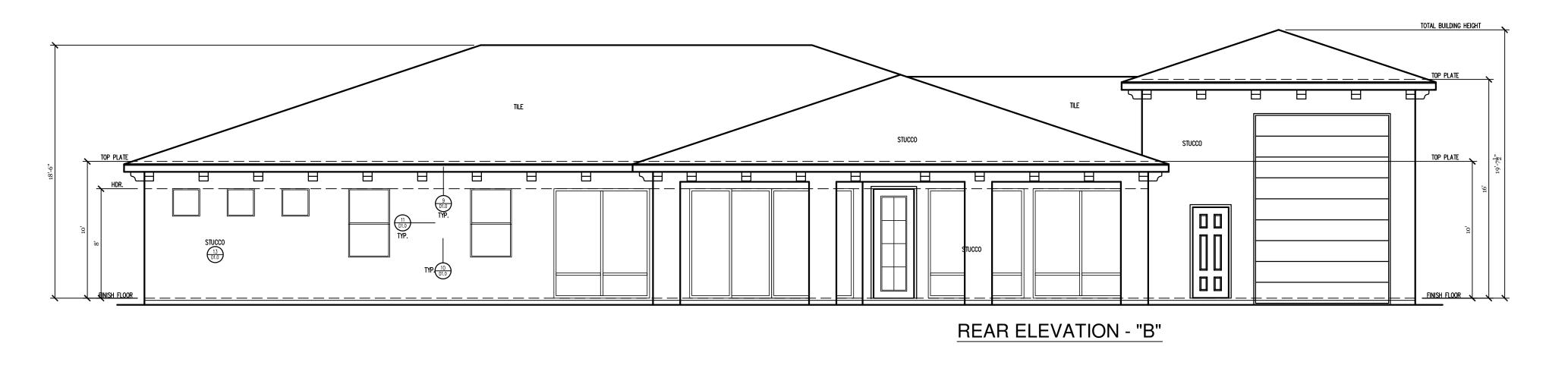
Stone: Air Stone Autumn Mountain

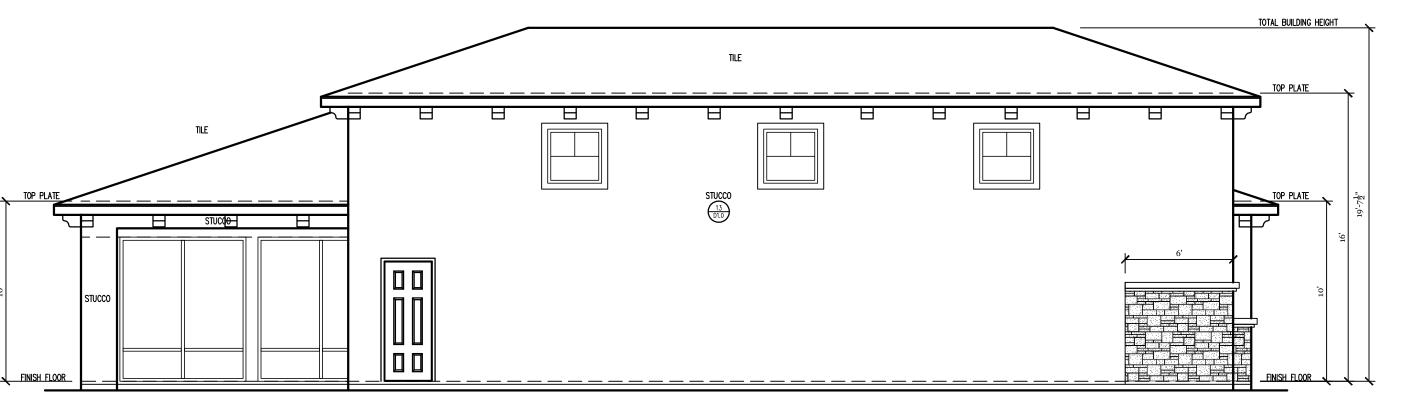
REVISIONS

ORIGINAL DATE: 05/01/20 SCALE: 3/16" = 1'-0" LIVABLE AREA:

TOTAL BUILDING HEIGHT LIGHTED ADDRESS PLATE
WITH NUMBERS AT A MIN. —
OF 6" HIGH AND MIN.
STROKE WIDTH OF 1/2". FRONT ELEVATION - "B" TOTAL BUILDING HEIGHT

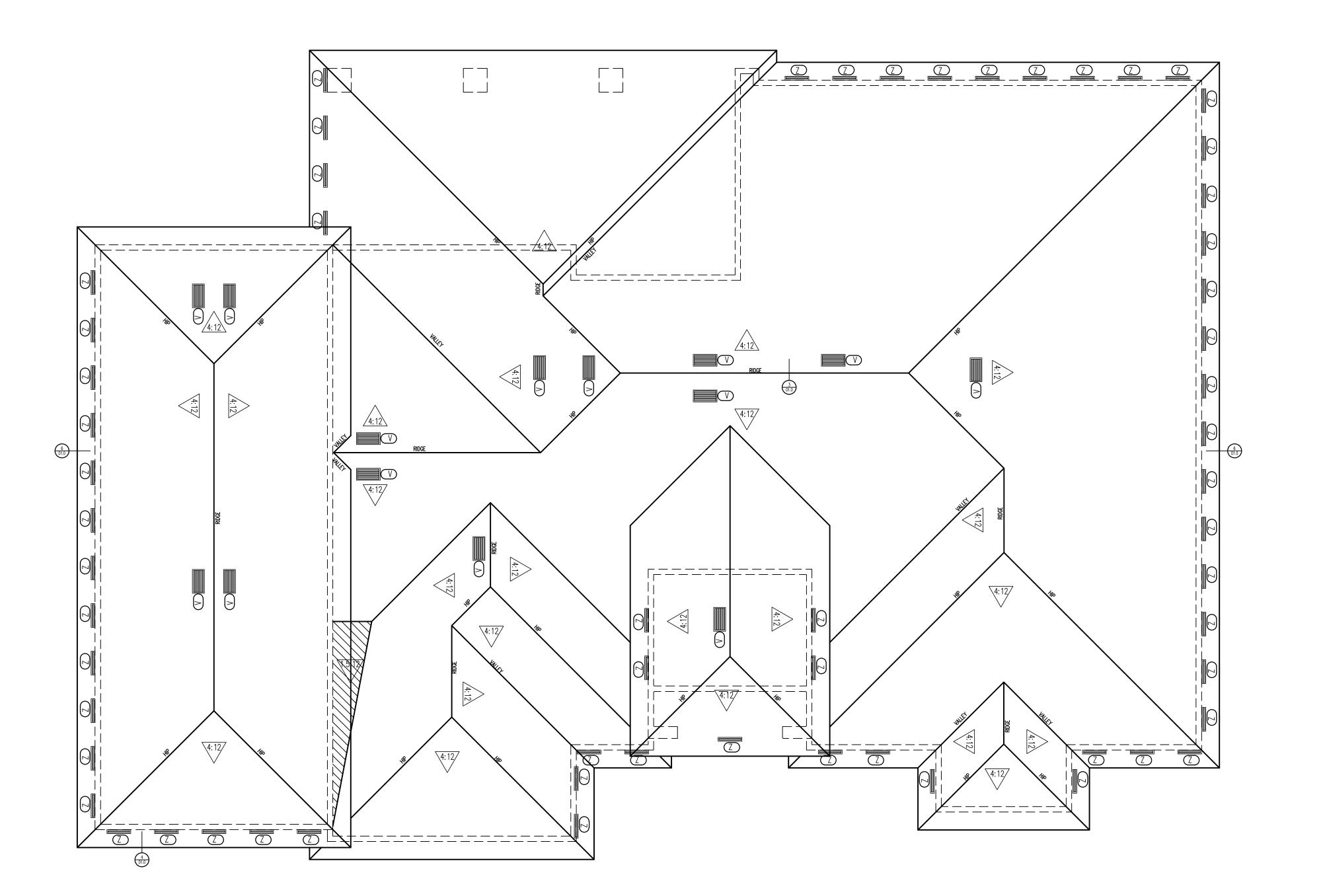






LEFT ELEVATION - "B"

RIGHT ELEVATION - "B"



> SITE ADDRESS: 1016 ATHENS AVE. HENDERSON, NV. 8 PARCEL # 160-33-801-018

B-2 GENERAL
CONTRACTOR

ASSURED DEVELOPMENT INC.
LIC #85290
EXP
3/31/2021

ROOF LAYOUT

ORIGINAL DATE: 05/01/20 SCALE: 3/16" = 1'-0" LIVABLE AREA: 3,522 SQ. FT.

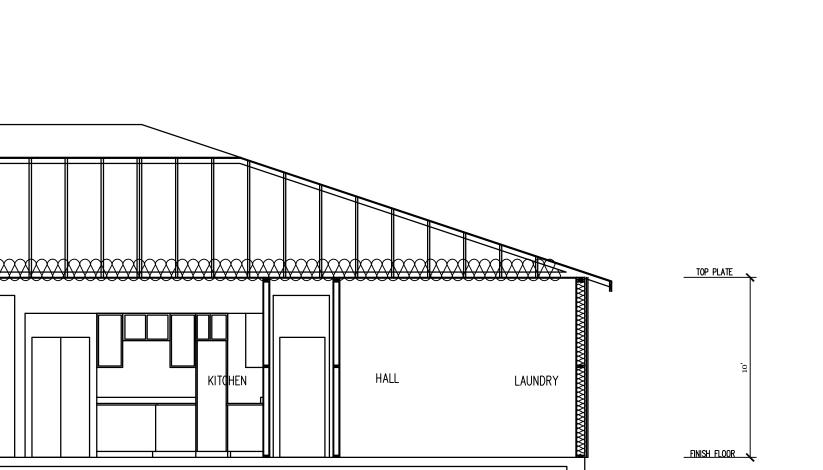
ORIGINAL DATE: 05/01/20 SCALE: 3/16" = 1'-0" LIVABLE AREA: 3,522 SQ. FT.



A4.0

TOP PLATE FINISH FLOOR

7D - INTERIOR ELEV. (KITCHEN/GREAT ROOM)

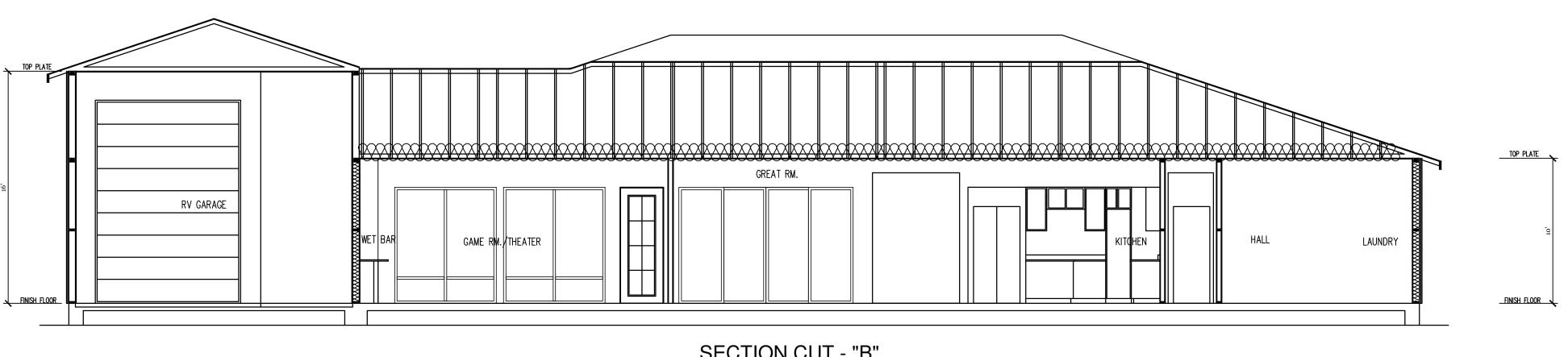


GARAGE AREA

3/8" COAT STUCCO o/1/2" FOAM BOARD o/ APPROVED — WEATHER RESISTIVE BARRIER o/ 3/8" PLYWOOD SHEAR

TYP. SECTION CUT INFO.

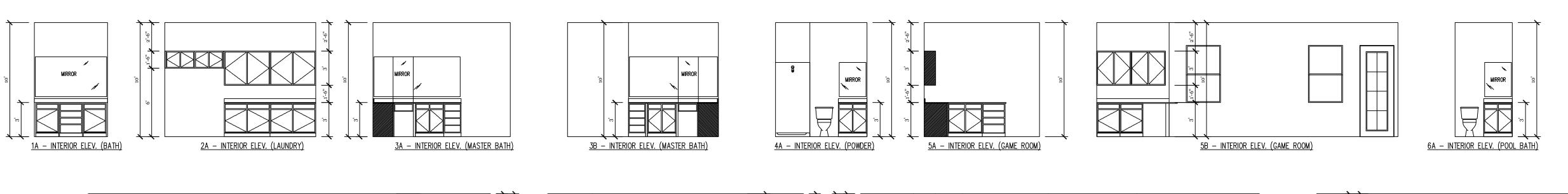
3/8" COAT STUCCO o/1/2" FOAM BOARD o/ APPROVED — WEATHER RESISTIVE BARRIER o/ 3/8" PLYWOOD SHEAR

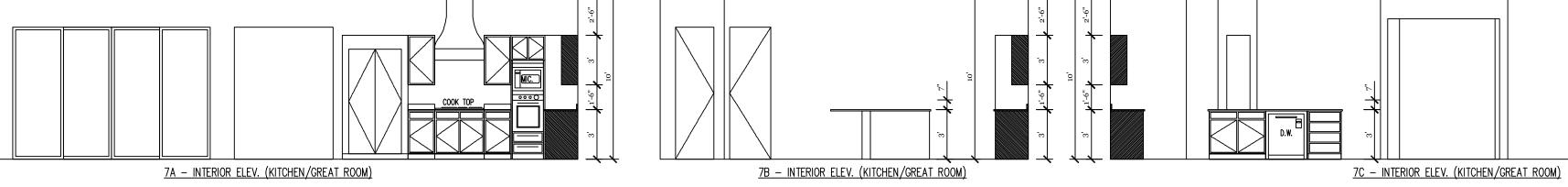


COVERED PATIO

FINISH FLOOR

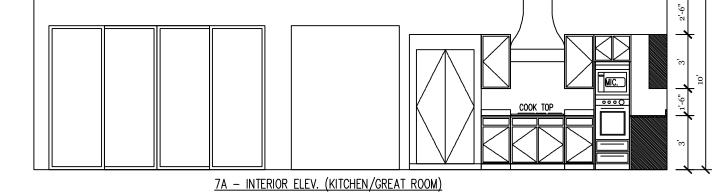


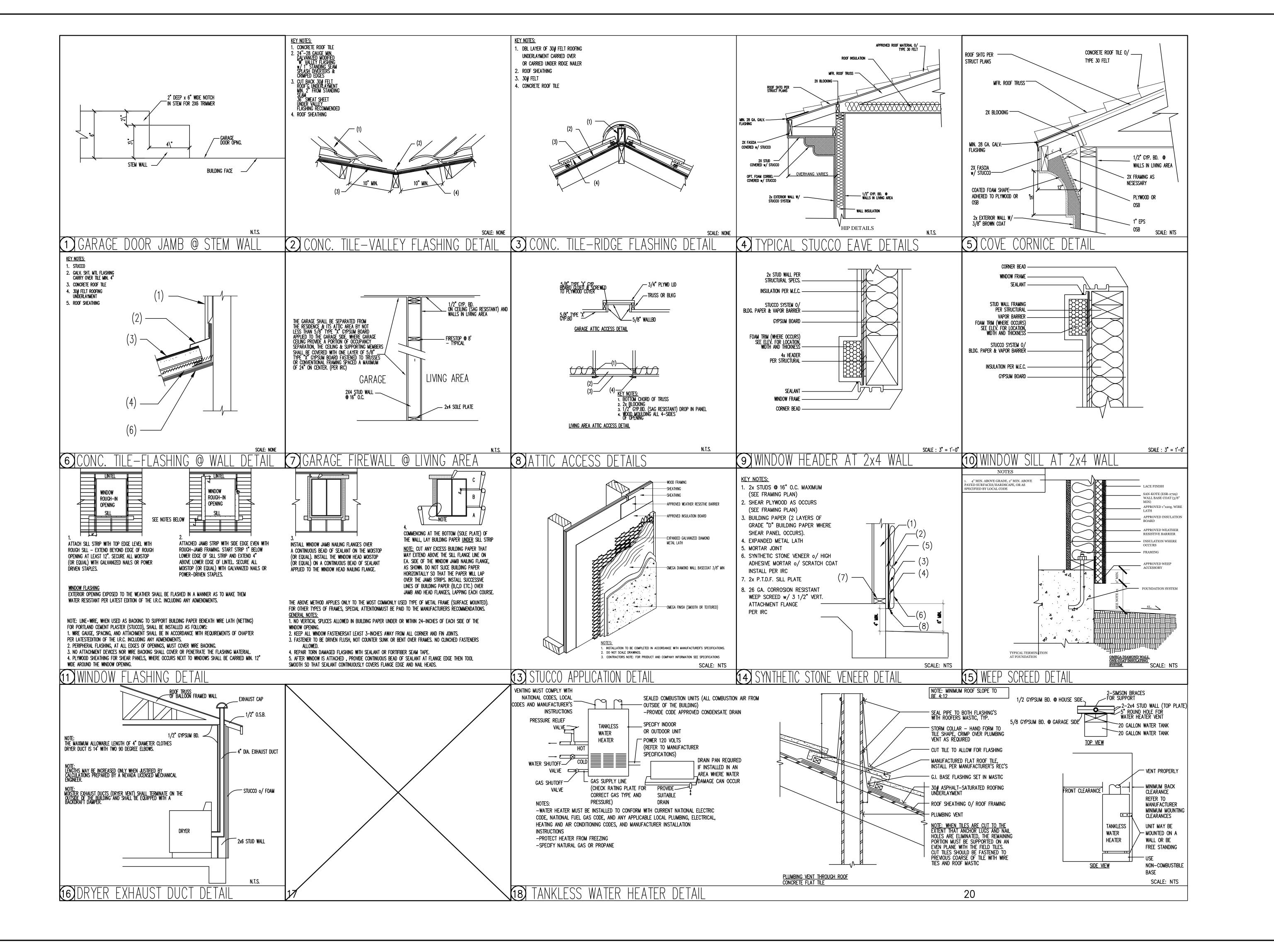




GREAT RM.

SECTION CUT - "A"





NO. BOULLING ADDRESS:
PHONE:
(702) 868-0900
MAILING ADDRESS:
PO BOX 530778
HENDERSON
NV. 89053

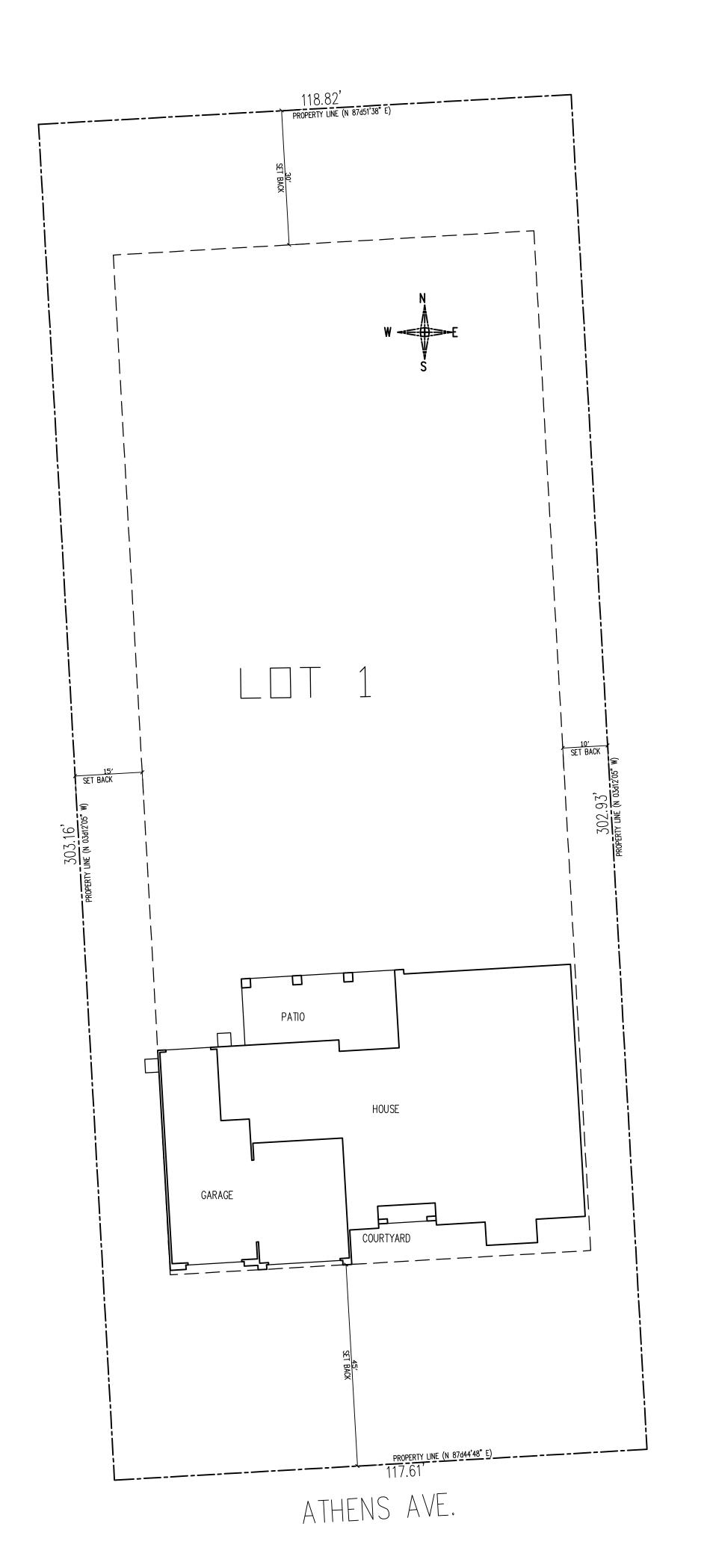
B-2 GENERAL
CONTRACTOR

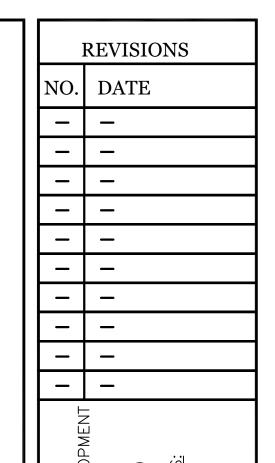
ASSURED DEVELOPMENT INC.
LIC #85290
EXP
3/31/2021
CONTRACTOR

**DETAILS** 

ORIGINAL DATE: 05/01/20 SCALE: 3/16" = 1'-0" LIVABLE AREA: 3,522 SQ. FT.

D1.0



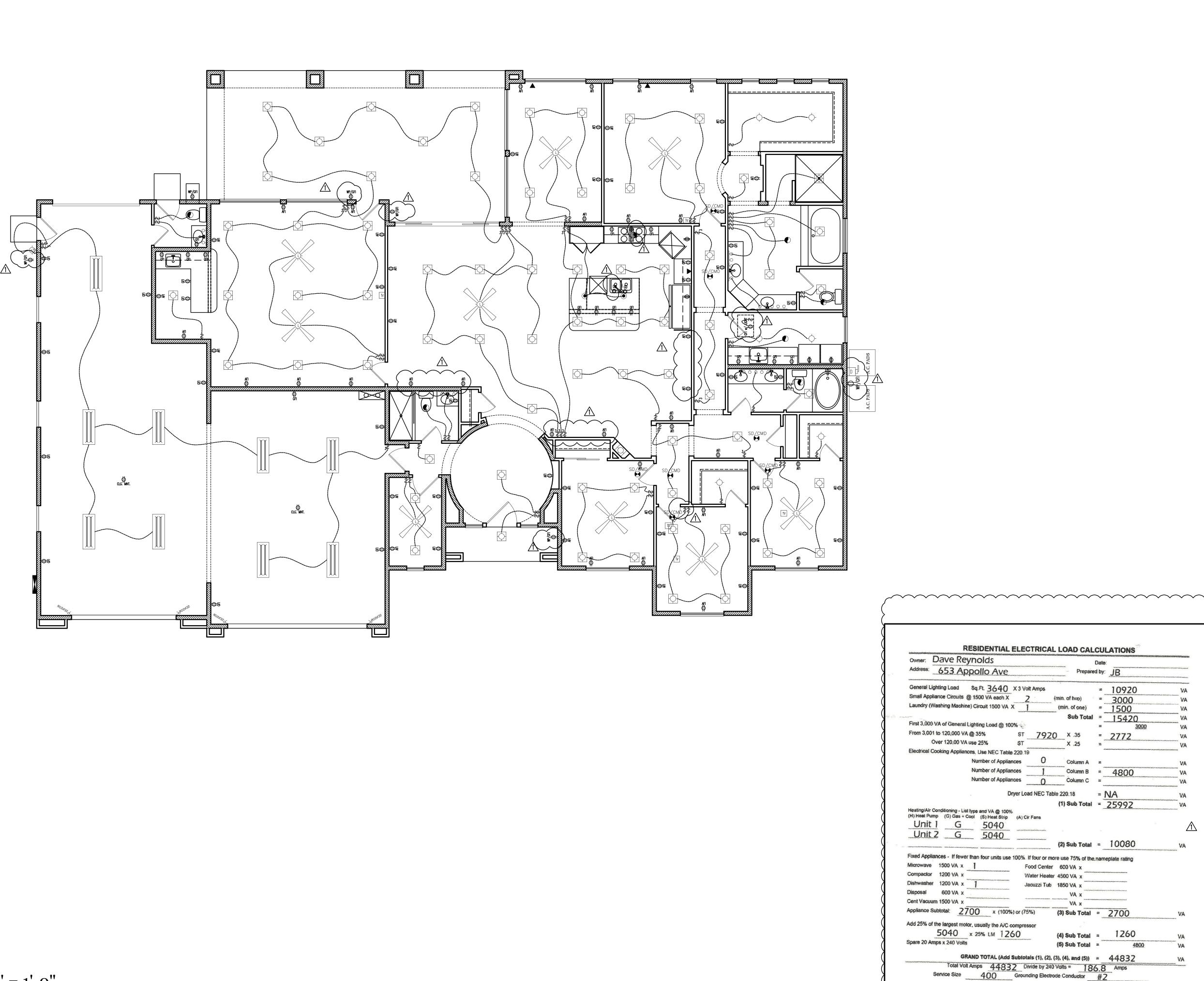


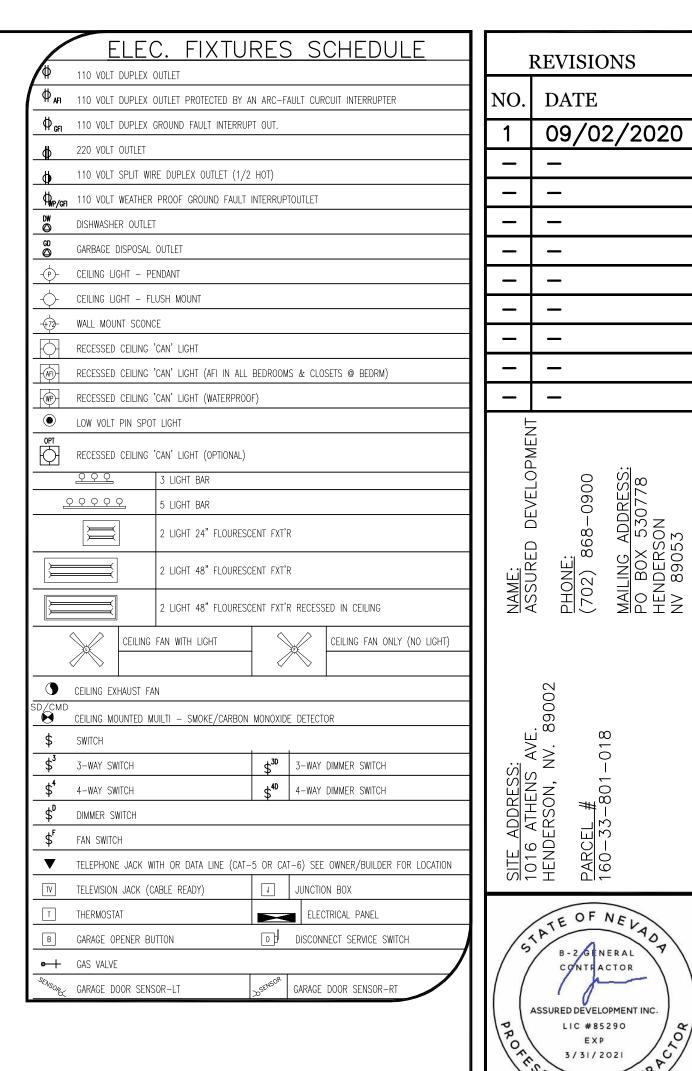
TE ADDRESS:
016 ATHENS AVE.
ENDERSON, NV. 89002
PHC
ARCEL #
(70
S0-33-801-018
MAII



## SITE PLAN

ORIGINAL DATE: 05/01/20 SCALE: 3/16" = 1'-0" LIVABLE AREA: 3,522 SQ. FT.





NOTE: ALL RECEPTACLES SPECIFIED IN 210.52 THAT ARE NON-LOCKING SHALL BE TAMPER-RESISTANT RECEPTACLES NEC406.12.

NOTE: A MINIMUM OF 90% OF PERMANENTLY INSTALLED LIGHTING FIXTURES SHALL BE HIGH-EFFICACY LAMPS 2018 IECC R404.1 2018 CODE.

NOTE: ALL 120-VOLT, SINGLE PHASE, 15- AND 20-AMPERE BRANCH CIRCUITS SUPPLYING OUTLETS INSTALLED IN DWELLING UNIT FAMILY ROOMS, DINING ROOMS, LIVING ROOMS, PARLORS, LIBRARIES, DENS, BEDROOMS, SUNROOMS, RECREATION ROOMS, CLOSETS, HALLWAYS OR SIMILAR ROOMS OR AREAS SHALL BE PROTECTED BY A LISTED ARC-FAULT CIRCUIT INTERRUPTER, COMBINATION TYPE, INSTALLED TO PROVIDE PROTECTION OF THE BRANCH CIRCUIT. (NEC ARTICLE 210.12(A).

NOTE: ALL 120-VOLT, SINGLE PHASE, 15- AND 20-AMPERE BRANCH CIRCUITS SUPPLYING OUTLETS INSTALLED IN DWELLING UNIT FAMILY ROOMS, DINING ROOMS, LIVING ROOMS, PARLORS, LIBRARIES, DENS, BEDROOMS, SUNROOMS, RECREATION ROOMS, CLOSETS, HALLWAYS OR SIMILAR ROOMS OR AREAS SHALL BE PROTECTED BY A LISTED ARC-FAULT CIRCUIT INTERRUPTER, COMBINATION TYPE, INSTALLED TO PROVIDE PROTECTION OF THE BRANCH CIRCUIT. (NEC ARTICLE 210.12(A).

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VA

RESIDENTIAL ELECTRICAL LOAD CALCULATIONS

Food Center 600 VA x

Water Heater 4500 VA x

Jacuzzi Tub 1850 VA x

GRAND TOTAL (Add Subtotals (1), (2), (3), (4), and (5)) = 44832

VA x

(5) Sub Total =

(3) Sub Total = 2700

(4) Sub Total = 1260

B-2 GENERAL

LIC #85290

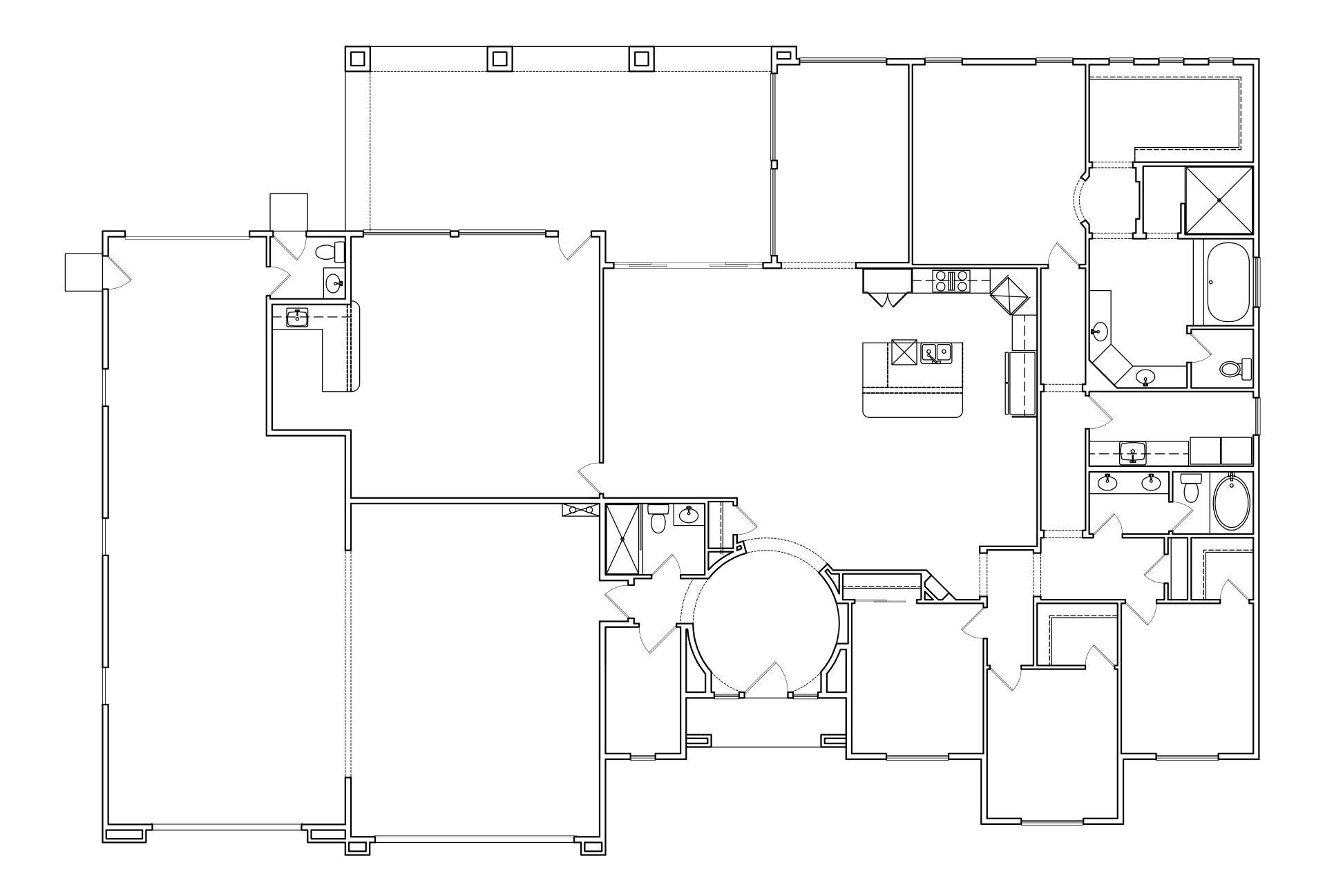
ORIGINAL DATE: 05/01/20 SCALE:

3/16" = 1'-0" LIVABLE AREA: 3,522 SQ. FT.

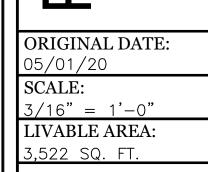
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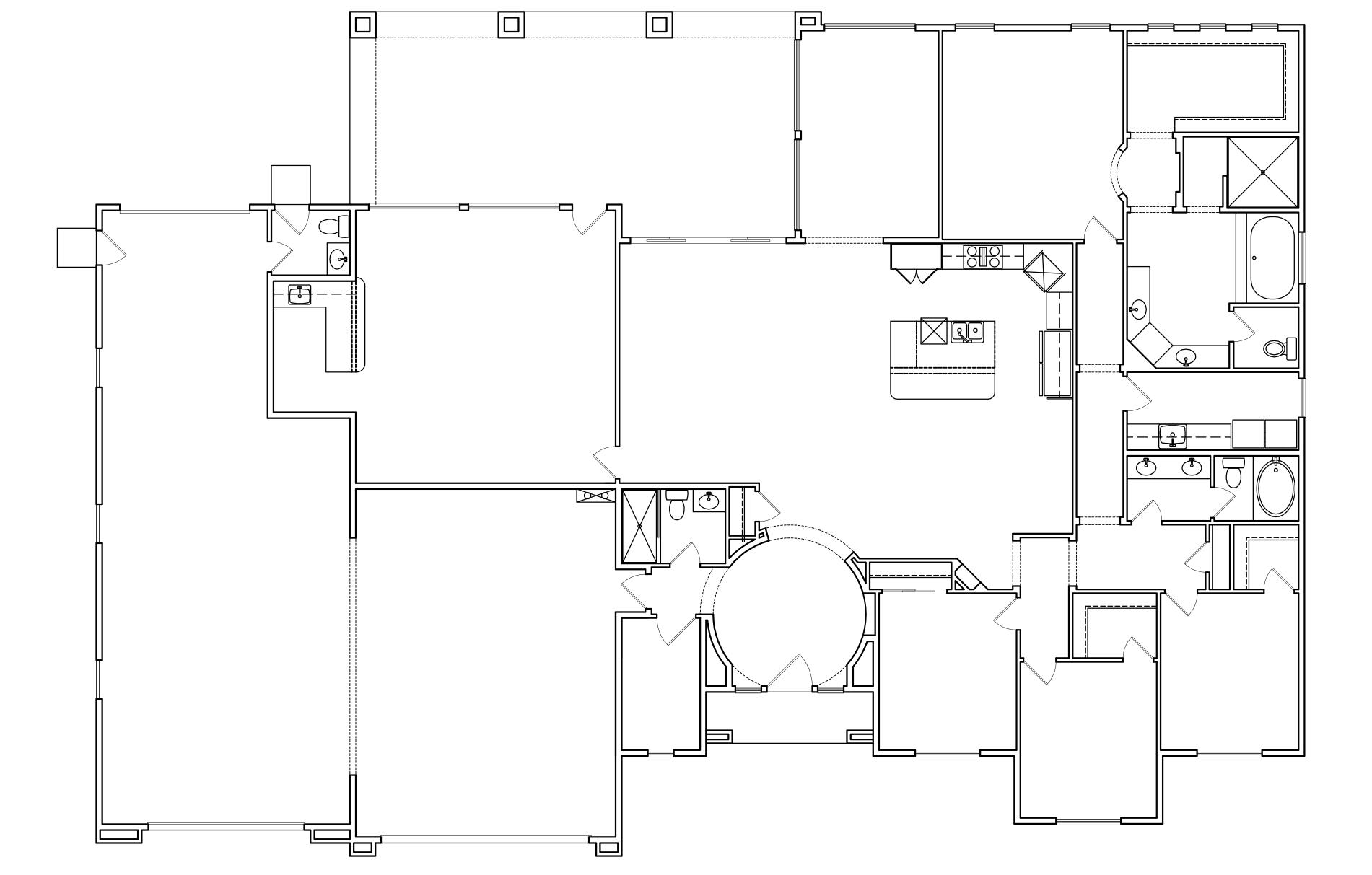
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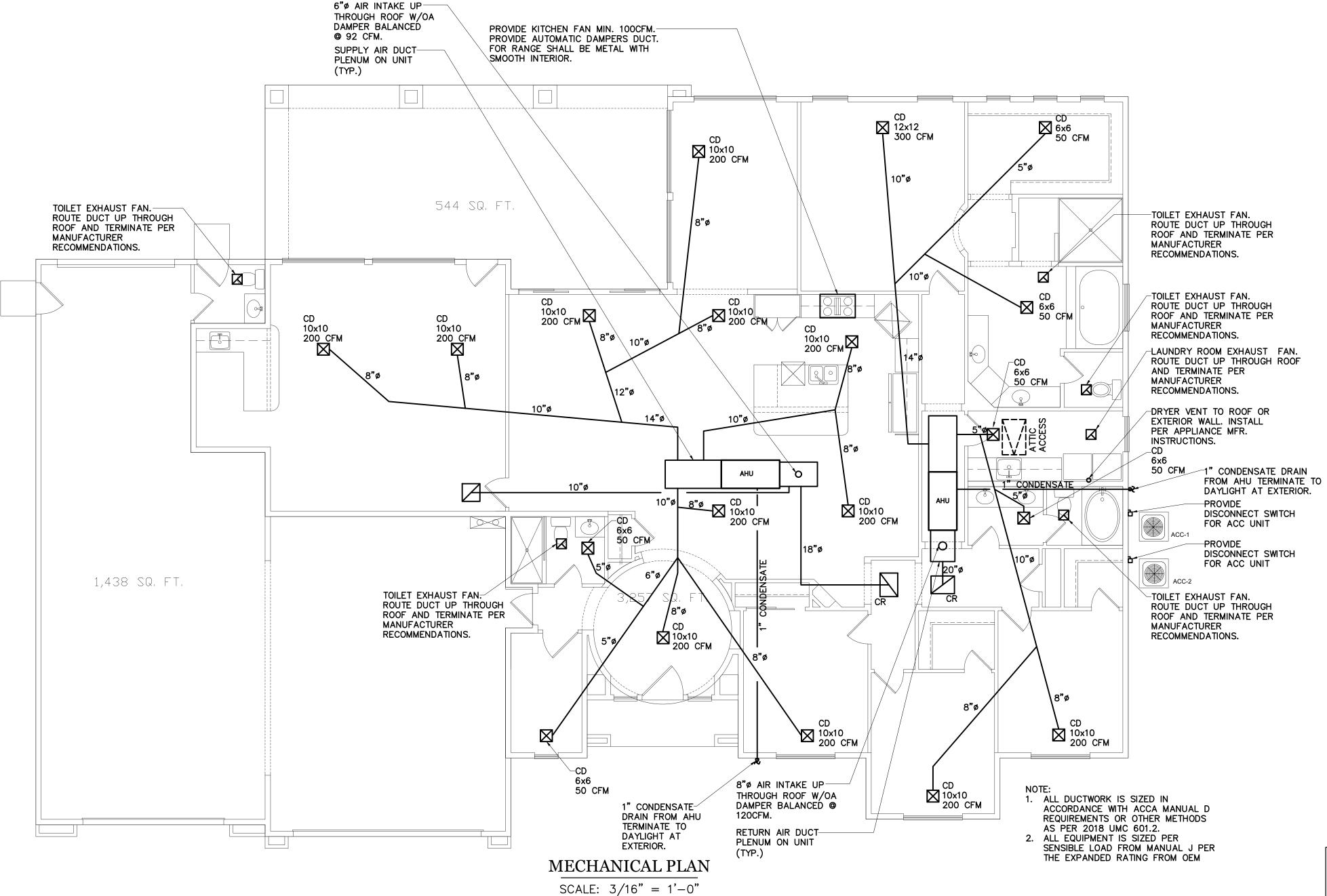
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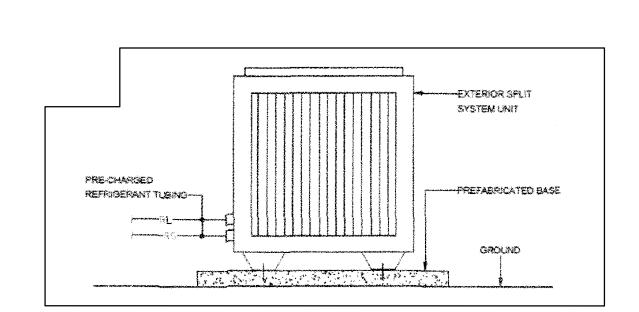
NO. DATE







LEGEND				
SYMBOL	DESCRIPTION			
$\boxtimes$	NEW SUPPLY DIFFUSER			
	NEW RETURN GRILLE			
T	NEW T-STAT			
S	FAN SWITCH			
	NEW RIGID DUCT			
<del></del>	TAKE-OFF WITH VOLUME DAMPER			
F.C.	FLEXIBLE CONNECTION			
<del>- (y</del> -	UNDER CUT DOOR			
+	VOLUME DAMPER			
FSD/AD	FIRE SMOKE DAMPER W/ACCESS DOOR			



	AIR OUTLETS SCHEDU	LE
TYPE	DESCRIPTIONS	MFR. MODEL NO
CD	CEILING SUPPLY DIFFUSER FOR GYP. BOARD CLG. INDIVIDUALLY ADJUSTABLE ALUMINUM CONSTRUCTION. ROUND NECK ADAPTER AND WITH DAMPER	NAILOR 51C OR EQUAL
CR	CEILING RETURN REGISTER WITH ½" GRID CORE FACE GYP. BD W/FILTER FRAME, FILTER AND ROUND NECK ADAPTER.	NAILOR 51FE OR EQUAL

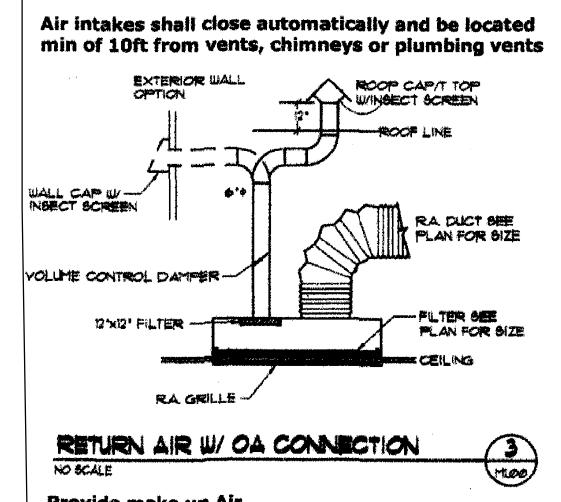
MECHANICA	L UNIT	SCHEDULE
EQUIPMENT	TONNAGE	ELECTRICAL
RHEEM 5.0 TON SYSTEM GAS/ELECTRIC	5.0 TONS	208/1
RHEEM 5.0 TON SYSTEM GAS/ELECTRIC	5.0 TONS	208/1

EXHAUST	FAN S	CHEDULE
EQUIPMENT	QTY.	ELECTRICAL
EF-1 BROAN 100 CFM CEILING MOUNT	6	120/1
KITCHEN EXHAUST FAN 100 CFM MIN	1	120/1

GENERAL NOTES:

1. ALL WORK SHALL BE IN ACCORDANCE WITH 2018 IBC, UMC, UPC & NFPA, IE22 AND 2011 NEC. ALL LATEST RULES, REGULATIONS AND ORDINANCES OF THE CLARK COUNTY AND STATE OF

- 2. ALL EXPOSED ROUND DUCT SHALL BE SPIRAL DUCT.
- 3. ALL NEW DUCTWORK WILL BE CONSTRUCTED AND SUPPORTED UNDER LATEST EDITION OF SMACNA AND 2018 UMC. ALL ROUND FLEXIBLE DUCT ABOVE CEILING SHALL BE FLEXIBLE DUCT WITH MIN R-6 INSULATION. GREASE DUCT SHALL BE 18 GA. STAINLESS STEEL.
- 4. DUCT INSULATION WILL BE IN ACCORDANCE WITH 2018 IECC ENERGY CODE
- 5. ALL DUCT SHALL BE INSTALLED TO CLEAR LIGHTS AND BUILDING STRUCTURES.
- 6. ALL WORK SHALL BE IN ACCORDANCE WITH MANUFACTURER RECOMMENDATION.
- 7. KITCHEN HOOD INSTALLATION SHALL COMPLY WITH CLARK COUNTY REQUIREMENTS.
- 8. PROVIDE AUTOMATIC FIRE EXTINGUISHING SYSTEM TO BE INTERCONNECTED WITH COOKING EQUIPMENT FUEL SUPPLY FOR AUTOMATIC SHUT—OFF.
- 9. SUBMIT THREE COPIES OF SHOP DRAWINGS AND SUBMITTALS FOR REVIEW AND APPROVAL BEFORE ORDERING MATERIALS.
- 10. SUBMIT THREE COPIES OF BALANCING REPORT.
- 11. COORDINATE WITH ELECTRICIAN FOR POWER CONNECTIONS.



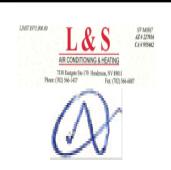
Provide make up Air

Bedrooms 4+1=5x5=25 CFM Livable Area 3716sqftx 0.06=222.96 CFM Grand Total = <u>247.96 CFM</u>

]	REVISIONS
NO.	DATE
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ASSURED DEVELOPN
PHONE:
(702) 868-0900
MAILING ADDRESS:
PO BOX 530778
HFNDFRSON

SITE ADDRESS:
1016 ATHENS AVE.
HENDERSON, NV. 8900
PARCEL #
160-33-801-018



MECHANICAL PLAN

ORIGINAL DATE:

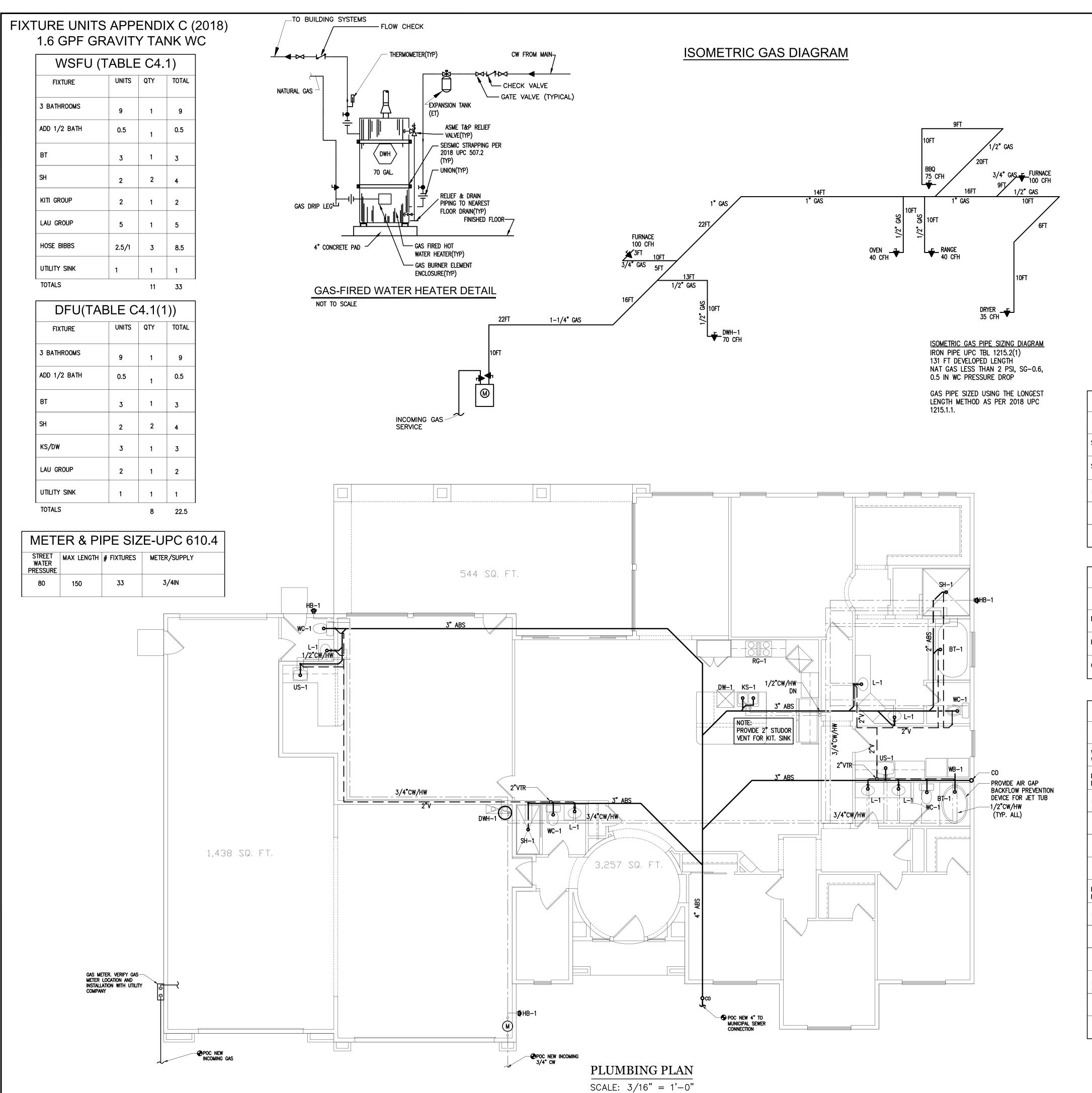
05/01/20 SCALE:

3/16" = 1'-0"

LIVABLE AREA:

3,522 SQ. FT.

M1.0



### PLUMBING GENERAL NOTES

- 1. DRAWINGS ARE DIAGRAMMATIC, MINOR DEVIATIONS TO PIPE MAY BE NECESSARY DUE TO STRUCTURAL CONDITIONS. ANY DEVIATIONS TO PIPE SIZING AS INDICATED SHALL BE TRANSMITTED TO ENGINEER FOR REVIEW BEFORE STARTING ANY WORK.
- 2. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE 2018 IPC PLUMBING CODE AND THE LATEST EDITION OF THE APPLICABLE INTERNATIONAL RESIDENTIAL CODS, MECHANICAL CODES, AND FEDERAL,
- STATE, AND LOCAL REGULATIONS. 3. PER 2018 IECC ALL UNITS TO BE LABELED WITH THEIR INPUT RATING AND EFFICIENCY. ALL EQUIPMENT SHALL BE BALANCED, ADJUSTED AND TESTED TO PROVIDE SAFE STABLE AND QUIET
- 4. CONTRACTOR SHALL
- 4.1. PROVIDE PRESSURE REGULATOR AND STRAINER, NOT TO EXCEED 80 PSI
  4.2. PROVIDE A MEANS FOR HW EXPANSION WHEN ANY DEVICE IS INSTALLED PROHIBITING EXPANSION
- THRU BLDGS. SUPPLY, UPC 608.3 SIZE 4.3. BE RESPONSIBLE TO VERIFY THAT WATER PRESSURE AND METER STATED ON PLANS ARE THE
- MINIMUMS AVAILABLE IN FIELD. 5. WATER HEATERS W/PIPE RISERS SHALL HAVE HEAT TRAPS ON BOTH THE INLET AND OUTLET OF THE WATER HEATER UNLESS THE WATER HEATER HAS INTEGRAL HEAT TRAPS OR IS PART OF A CIRCULATION SYSTEM
- 6. DOMESTIC WATER PIPING 6.1. HOT WATER SYSTEMS: INSTALL R-2 INSULATION ON THE HOT WATER SERVICES OF THE RE-CIRCULATIONS SYSTEMS AND NON-CIRCULATION HOT WATER LINES UN UNCONDITIONED
- SPACES, PER AMENDED 2018 IECC 6.2. ABOVE GROUND: PEX PIPING AND FITTINGS PER SCHEDULE 6.3. BELOW SLAB: PEX PIPING AND FITTINGS PER SCHEDULE
- 7. SANITARY WASTE AND VENT PIPING 7.1. ABS (IAMPO 15 11-2003) OR PVC (IAMPO 15-9-2003) PAINT WITH LATEX PAINT WHERE
- 8. CONDENSATE DRAIN PIPING 8.1. TYPE "M" (IAPMO 15 3-2003) WROUGHT FITTINGS PVC, OR A CODE APPROVED MATERIAL
- 9.1. INSIDE SCHEDULE 40 BLACK IRON, THREADED MALLEABLE FITTINGS. OUTSIDE/EXPOSED USE GALVANIZED FITTINGS AND PIPE, JOINT COMPOUND AND PROVIDE PROTECTION THAT IS CODE APPROVED. CAN USE CORRUGATED STAINLESS STEEL TUBING PROVIDED IT IS LISTED W/ AN APPROVED AGENCY. PROVIDE A SHUTOFF VALVE THAT IS ACCESSIBLE IN THE SAME ROOM WITHIN
- 9.2. SUSPENDED PIPING SHALL BE SUPPORTED AT THE FOLLOWING INTERVALS; 6 FEET FOR 1, 8 FEET FOR ₹" AND 1", 10 FEET FOR 1-1/4" AND LARGER
- 10. PLUMBING FIXTURES

3 FEET FROM THE EQUIPMENT BEING SERVED.

- 10.1. PROVIDE CP ANGLE STOPS TO FINISH PLUMBING FIXTURES 10.2. PROVIDE PRESSURE BALANCED MIXING VALVES AND 2.5 GAL/MIN MAX FLOW RATES AT ALL
- BATHTUBS AND SHOWERS, PER 2018 IECC 10.3. PROVIDE SHUTOFF VALVES WITH UNIONS TO ALL OTHER PLUMBING FIXTURES (IE: WATER HEATER)
- TO FACILITATE ISOLATION FOR REPAIR 10.4. ALL PLUMBING FIXTURES SHALL COMPLY WITH LOCAL AUTHORITIES CURRENT WATER CONSERVATION

PLUMBING	G MATERI	ALS	SCHEDULE		
SYSTEM	LOCATION	SIZE	MATERIAL	JOINTS	FITTINGS
SOIL, WASTE, VENT	BELOW GRADE	ALL	SCHED. 40 PVC OR ABS	SOLVENT WELD	MATCH PIPE
SOIL, WASTE, VENT	ABOVE GRADE	ALL	SCHED. 40 PVC OR ABS	SOLVENT WELD	MATCH PIPE
DOMESTIC WATER	BELOW GRADE	ALL	PEX TUBING	ENGINEERED PLASTIC	PRO PEX
DOMESTIC WATER	ABOVE GRADE	ALL	PEX TUBING	ENGINEERED PLASTIC	PRO PEX
	ADOVE ODADE				

ALL FLEX STEEL TUBING

PLUMBI	NG EQUIPMENT SCHEDULE
TAG	EQUIPMENT DESCRIPTION
DWH-1	DOMESTIC WATER HEATER, RHEEM MODEL RHGPRO75-70N, 75 GALLON STORAGE, 70.7 GPH RECOVERY AT 90 DEGREE F RISE, 70,000 BTU NATURAL GAS INPUT, SET HEATER AT 120F
RG-1	GAS SEALED GAS COOKTOP MODEL AS SELECTED BY OWNER, 5 BURNER, 40,000 BTU NATURAL GAS INPUT
OV-1	GAS SEALED GAS OVEN MODEL AS SELECTED BY OWNER, 40,000 BTU NATURAL GAS INPUT

RAPTOR PLUMBING LLC These plans are prepared and submitted by the contractor an exemption to NRS 623.330 for work under the contracto license category authorized under NRS 624							
	RAPTOR PLUMBING Company Name	MARW IA MILLE Contractor Representative (please print)					
	0076793	Mile					

BRASS

REVISIONS

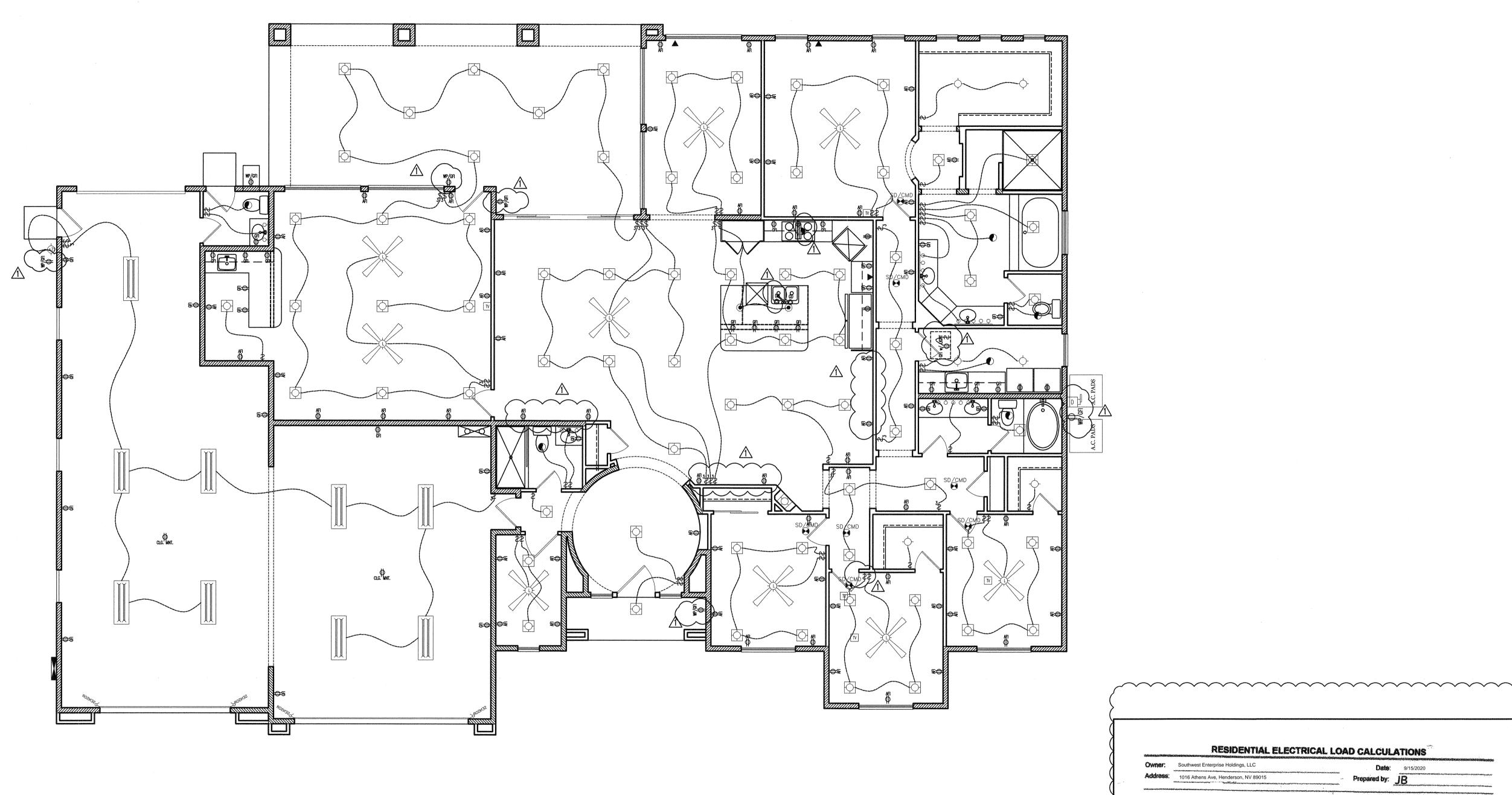
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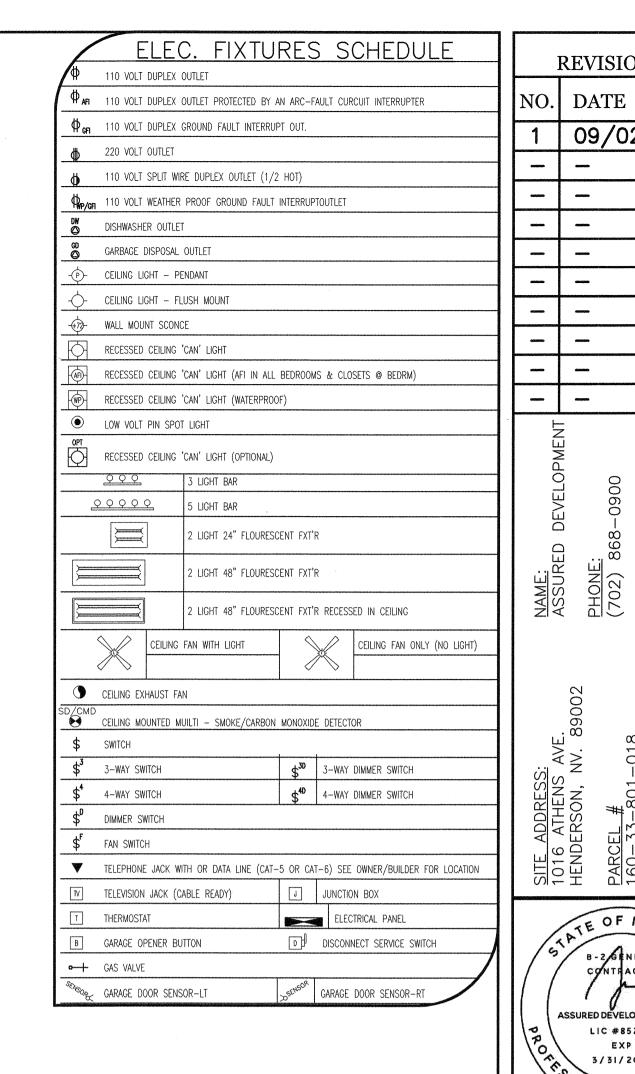
PLUMBING	JMBING MATERIALS SCHEDULE						
TAG	SIZE IN INCHES				DEMARKS		
	SOIL	VENT	CW	HW	REMARKS		
WC-1 WATER CLOSET	3"	2"	1/2"	-	WATER CLOSET AS SELECTED BY OWNER, ANGLE STOP		
L-1 LAVATORY	1 1/2"	1 1/2"	1/2	1/2	LAVATORY AS SELECTED BY OWNER, ANGLE STOPS, P-TRAP		
L-2 LAVATORY	1 1/2"	1 1/2"	1/2	1/2	LAVATORY AS SELECTED BY OWNER, ANGLE STOPS, P-TRAP		
BT-1 BATH TUB	2"	2"	1/2"	1/2"	BATH TUB AS SELECTED BY OWNER, P-TRAP		
BT-2 BATH TUB	2"	2"	1/2"	1/2"	BATH TUB AS SELECTED BY OWNER, P-TRAP		
SH-1 SHOWER	2"	2"	1/2"	1/2"	SHOWER AS SELECTED BY OWNER, P-TRAP		
KS-1 KITCHEN SINK	2"	2"	1/2"	1/2"	SINK AS SELECTED BY OWNER, ANGLE STOPS, P-TRAP		
KS-2 KITCHEN SINK	2"		1/2"	1/2"	SINK AS SELECTED BY OWNER, ANGLE STOPS, P-TRAP		
KS-3 KITCHEN SINK	SINK 2" 2" 1/2" 1		1/2"	SINK AS SELECTED BY OWNER, ANGLE STOPS, P-TRAP			
US-1 UTILITY SINK	1 1/2"	1 1/2"	1/2	1/2	SINK AS SELECTED BY OWNER, ANGLE STOPS, P-TRAP		
HB-1 HOSE BIBB	_	-	1/2"	_	WOODFORD, VACUUM BREAKER, CHROME FINISH		
WB-1 WALL BOX	2"	2"	1/2"	1/2"	WOODFORD, VACUUM BREAKER, CHROME FINISH		
DW-1 DISCHWASHER	_	_	1/2"	_	DISHWASHER AS SELECTED BY OWNER, SAN & VENT ROUTED THROUGH KS-1		

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Contractor License Number

ORIGINAL DATE: 05/01/20 SCALE: 3/16" = 1'-0"LIVABLE AREA: 3,522 SQ. FT.





NOTE: ALL RECEPTACLES SPECIFIED IN 210.52 THAT ARE NON-LOCKING SHALL BE TAMPER-RESISTANT RECEPTACLES NEC406.12.

NOTE: A MINIMUM OF 90% OF PERMANENTLY INSTALLED LIGHTING FIXTURES SHALL BE HIGH-EFFICACY LAMPS 2018 IECC R404.1 2018 CODE.

NOTE: ALL 120-VOLT, SINGLE PHASE, 15- AND 20-AMPERE BRANCH CIRCUITS SUPPLYING OUTLETS INSTALLED IN DWELLING UNIT FAMILY ROOMS, DINING ROOMS, LIVING ROOMS, PARLORS, LIBRARIES, DENS, BEDROOMS, SUNROOMS, RECREATION ROOMS, CLOSETS, HALLWAYS OR SIMILAR ROOMS OR AREAS SHALL BE PROTECTED BY A LISTED ARC-FAULT CIRCUIT INTERRUPTER, COMBINATION TYPE, INSTALLED TO PROVIDE PROTECTION OF THE BRANCH CIRCUIT. (NEC ARTICLE 210.12(A).

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Owner:	Southwest Enterprise Holdings, LLC	nace dinama solution of	Date	9/15/2020	,
Address:	1016 Athens Ave, Henderson, NV 89015	de intervient part of contraction and contraction and contraction of contraction	vared by:	in the control of the	an an agricultura su
		3 Volt Amps	<b>22</b>	10566	ya.
	iance Circuits @ 1500 VA each X	2 (min. of two)	<b>83</b> 2	3000	VA
Laundry (V	Vashing Machine) Circuit 1500 VA X	(min. of one)		1500	VA
unge		Sub To	tal =	15066	VA
	VA of General Lighting Load @ 100%		*	3000	VA
	***	ST 7920 X 35	22	2772	"VA"
		ST X .25	*	od a series and the series of the series of the series and the series are the series and the series and the series are the series and the series and the series are the ser	VA
Electrical C	cooking Appliances, Use NEC Table 2:	0.19	بيد	والمصارفين والمستوان المتحال فيتمان والمتحال المتحال المتحال المتحال والمتحال المتحال	Page 7 Total Company (Sage
	Number of Appliance	(Management of the Complete Co	A =		VA
	Number of Appliance	e j Column	3 = 7	4800	VA
	Number of Appliance	s O Column	S = "	and the second se	VA
	Drow	r Load NEC Table 220.18	- 1	W	restricted and phistops
		(1) Sub To	wi.	22638	VA VA
Unit Unit	- the transfer of	A) Cir Fans (2) Sub Tol	al =	10080	∕∆ VA
ixed Appli	ances - If fewer than four units use 10	0%. If four or more use 75% of	the nam	eclate rating	minution and organized
<i>Aicrowave</i>	1500 VA x	Food Center 600 VA x			
Compactor	1200 VA ×	Water Heater 4500 VA x	<del>e in her and a second a second and a second</del>	And the second s	
)ishwasher		Jacuzzi Tub 1850 VA x	*************************	Professional American Street Street Street	
Disposal	600 VA x	VA x	***************************************	and the second section of the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a section in the second section is a section in the second section is a section in the section in the section is a section in the section in the section is a section in the section in the section is a section in the section in the section in the section is a section in the section in the section in the section is a section in the section in the section in the section is a section in the section in the section in the section is a section in the section in the section in the section in the section is a section in the section in the section in the section is a section in the section in t	
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ippliance S	Aubtotal: 2700 x (100%) o	r (75%) (3) Sub Tot	ai =	2700	VA
dd 25% of	the largest motor, usually the A/C con 5040 × 25% LM 1260		al =	1260	***
pare 20 Ar	mps x 240 Volts	(6) Sub Tot	SHAMM	4600	VA VA
					VA
and the second s	Total Volt Amps 41748	biotals (1), (2), (3), (4), and (5 Divide by 240 Volts = 172		41478	VA
		DIVIDE DY 240 VOILS = 172	. 0	Amps	

Equipment	Volt	PH	Wattage	QTY
5 Ton AC	240	1 1	5040	2
Double oven	260	1 1	6000	1

Sosign Build Electric
NV Lic # 60151
Bob Safay

REVISIONS

09/02/2020

TE OF NEW

LIC #85290

3/31/2021

ORIGINAL DATE: 05/01/20 SCALE:

3/16" = 1'-0" LIVABLE AREA: 3,522 SQ. FT.

Scale: 3/16'' = 1'-0''