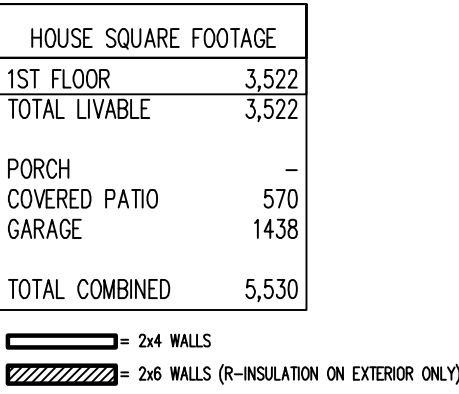


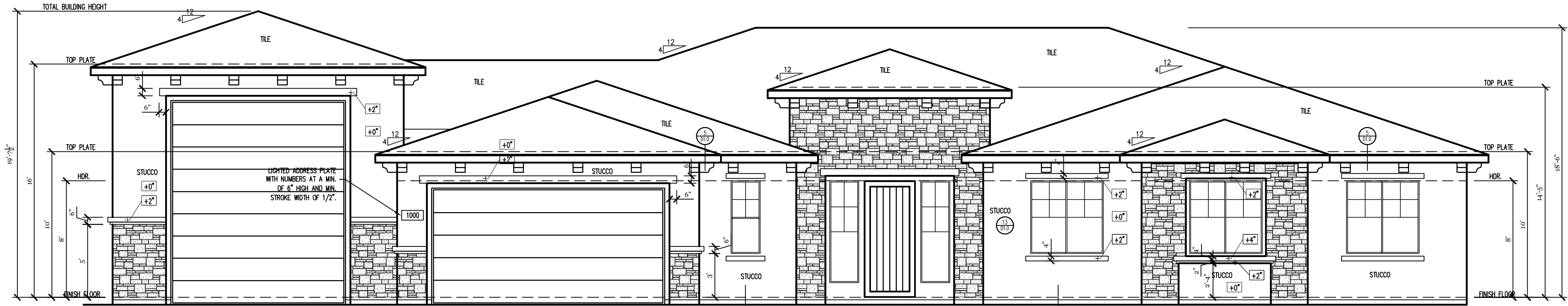
HENDERSON, NV.

OCCUPANCY CLASSIFICATION: SINGLE FAMILY DWELLING

[illegible]

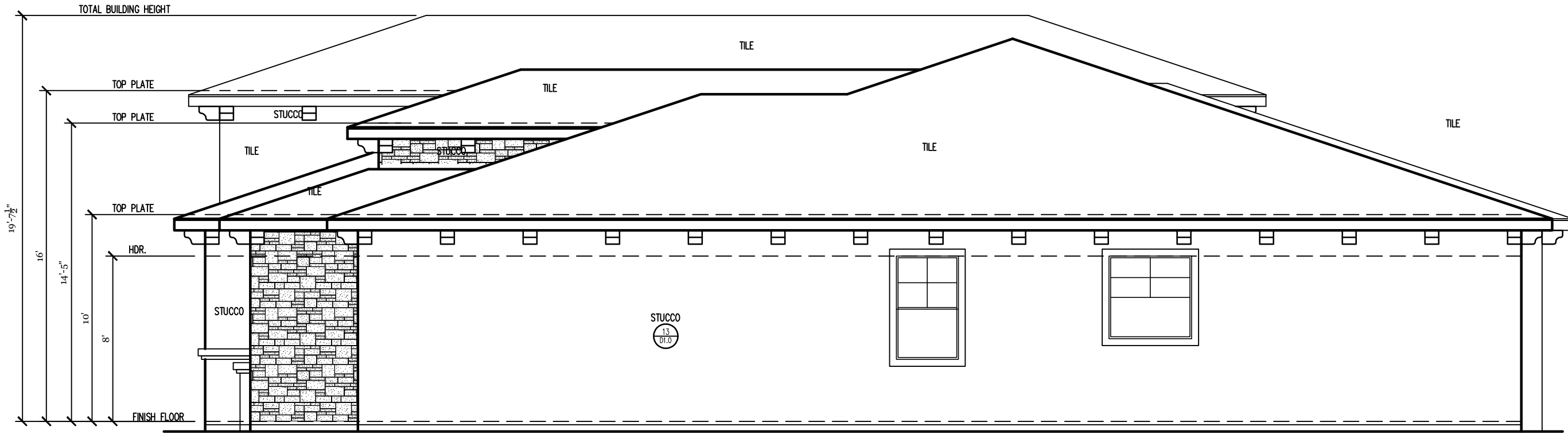


Scale: $3/16" = 1'-0"$

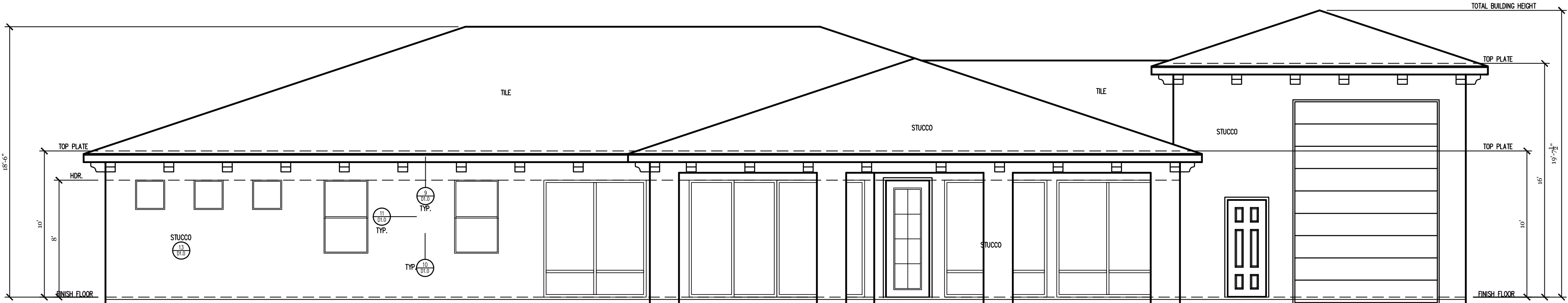


FRONT ELEVATION - "B"

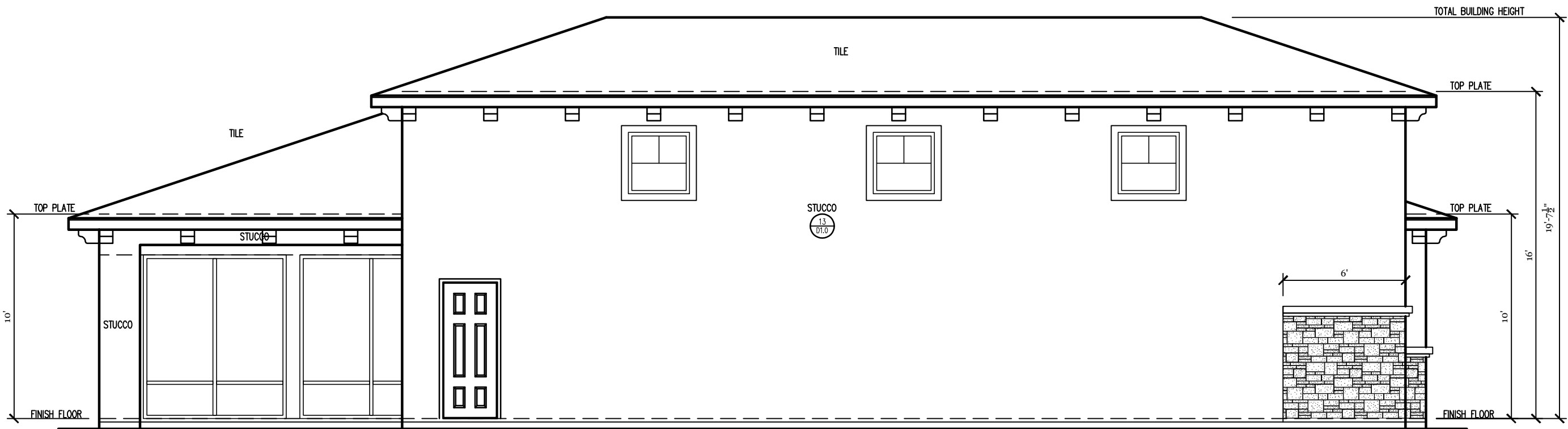
TILE	CONCRETE TILE 6\"/>
STUCCO	STUCCO 5/8\"/>



RIGHT ELEVATION - "B"



REAR ELEVATION - "B"



LEFT ELEVATION - "B"

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	
NO.	DATE
1	9.22.2020

NAME: ASSURED DEVELOPMENT

SITE ADDRESS: 1016 ATHENS AVE
HENDERSON, NV. 89002

PHONE: (702) 868-0900

MAILING ADDRESS: PO BOX 530778
HENDERSON NV 89053

8-2 GENERAL CONTRACTOR

ASSURED DEVELOPMENT INC.

LIC #85290

5/31/2021

PROFESSIONAL CONTRACTOR

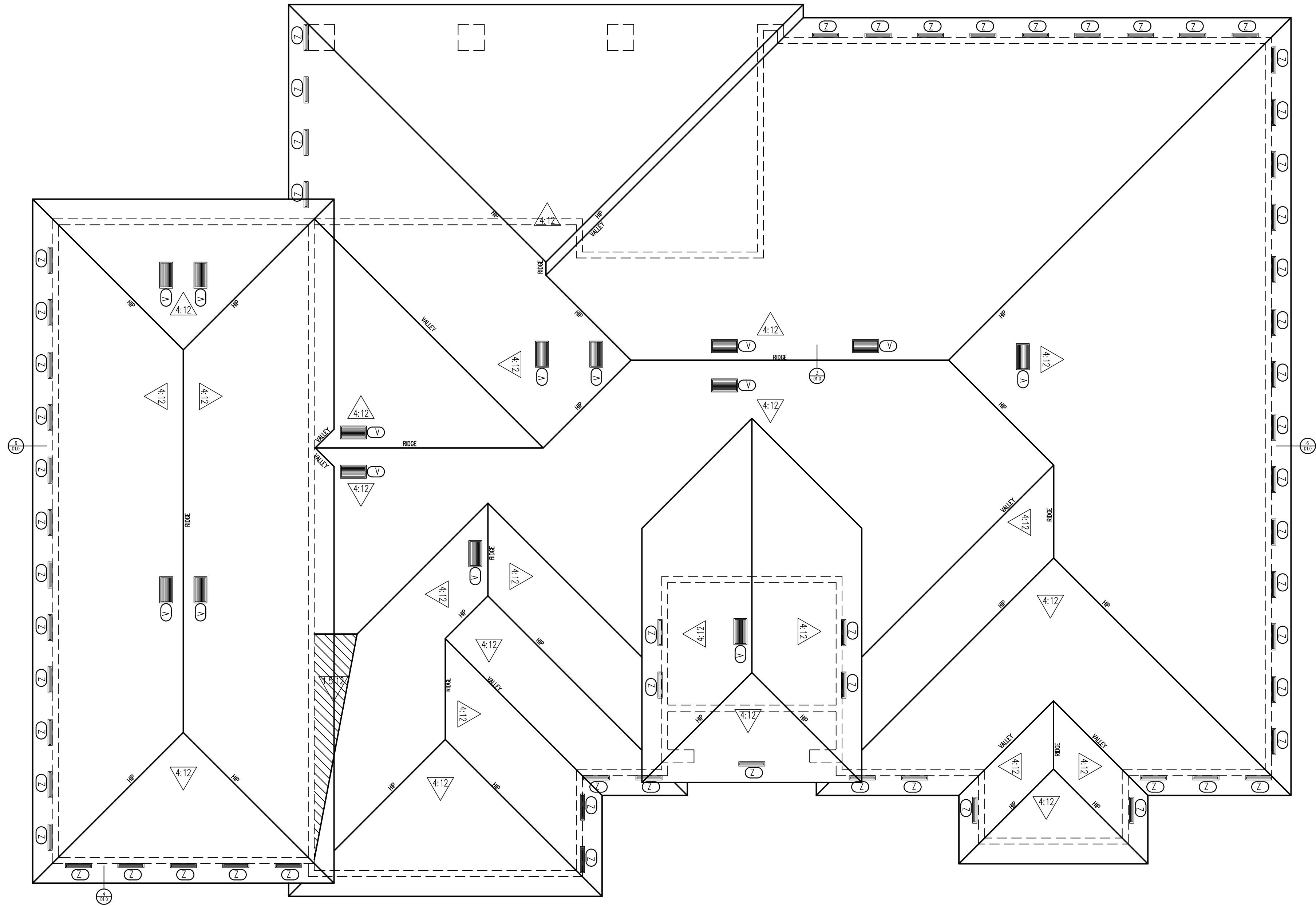
EXTERIOR ELEVATIONS

ORIGINAL DATE: 05/01/20

SCALE: 3/16" = 1'-0"

LIVABLE AREA: 3,522 SQ. FT.

A2.0



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

○ ATTIC VENTILATION INFO.

(1/300)Ventilation Rule

ATTIC SPACE	SQ. FT.
TOTAL ROOF	5,951
Divided By 300 =	19.84
High @ 50% (MAX):	9.92
Low @ 50%:	9.92

High Ventilation

QTY.	TYPE	AREA
1	14	9.8

Low Ventilation

QTY.	TYPE	AREA
2	66	10.1

TOTAL: 19.9

VENT TYPE	CONFIGURATION	SQ. FT. OF FREE AREA	VENT TYPE	CONFIGURATION	SQ. FT. OF FREE AREA
A	12" x 12"	0.375	N	36" x 36"	5.118
B	12" x 18"	0.666	O	6" TRI-VENT	1.7
C	14" x 18"	0.805	P	8" TRI-VENT	3.5
D	14" x 24"	1.1736	Q	12" ROUND	0.28
E	14" x 30"	1.5347	R	18" ROUND	0.833
F	16" x 22"	1.208	S	12" HALF RND.	0.145
G	18" x 18"	1.055	T	18" HALF RND.	0.416
H	18" x 24"	1.534	U	DORMER VENT	0.7
I	20" x 20"	1.354	V	CLOAKED TILE	0.7
J	20" x 28"	2.069	W	2-2" PER B.B.	0.044
K	24" x 30"	2.715	X	3-2" PER B.B.	0.066
L	30" x 30"	3.43	Y	4-2" PER B.B.	0.088
M	30" x 36"	4.243	Z	3'x22" SCREEN	0.153

Garage + Livable + Porch + Patio (Sq.Ft.)= Total Sq.Ft.
(Total Sq. Ft.) = FREE VENT AREA

VENTILATION AREA FORMULA (300) or (150)

ALL ATTIC VENTILATION SHALL COMPLY w/ IRC.

REVISIONS

NO.	DATE
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SITE ADDRESS:
1016 ATHENS AVE
HENDERSON, NV. 89002

NAME:
ASSURED DEVELOPMENT

PARCEL #
160-33-801-018

PHONE:
(702) 868-0900

MAILING ADDRESS:
PO BOX 530778
HENDERSON
NV 89053

STATE OF NEVADA

8-2 GENERAL CONTRACTOR

ASSURED DEVELOPMENT INC.

LIC #85290

6/9/20

3/31/2021

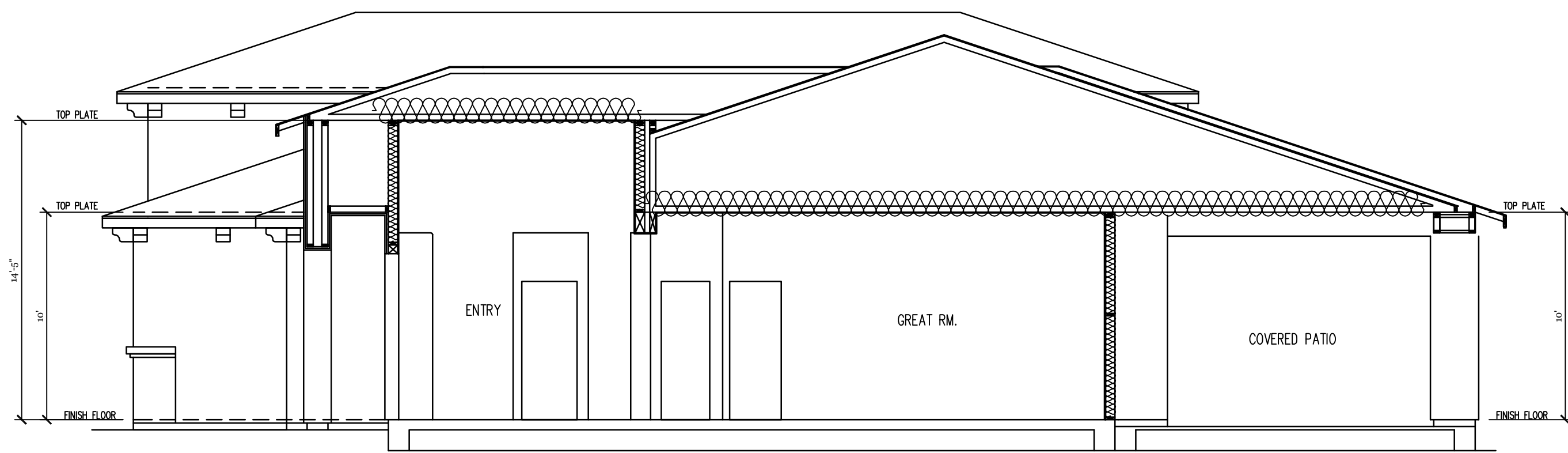
PROFESSIONAL CONTRACTOR

ORIGINAL DATE:
05/01/20

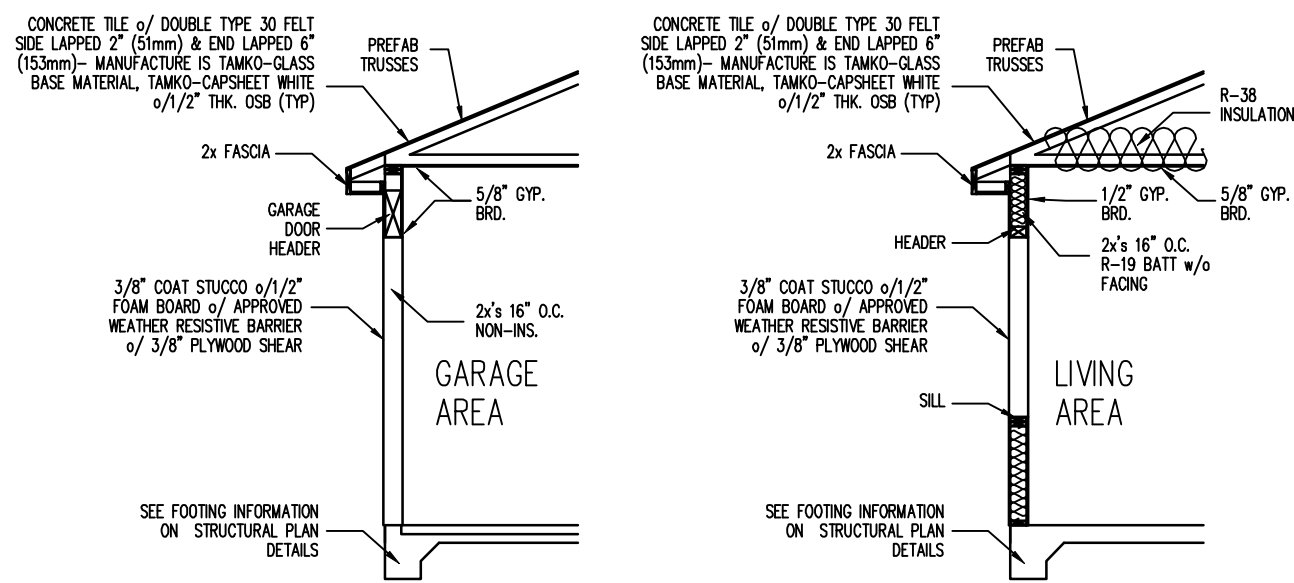
SCALE:
3/16" = 1'-0"

LIVABLE AREA:
3,522 SQ. FT.

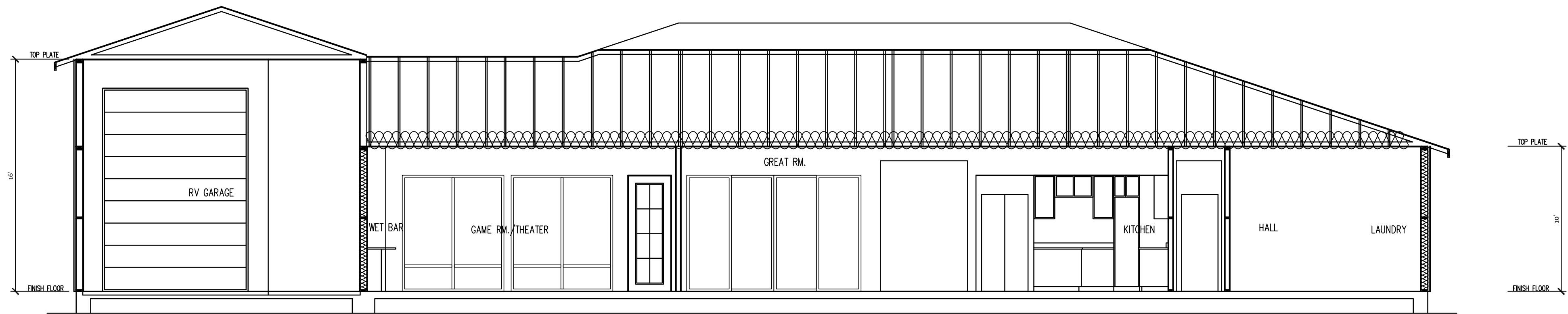
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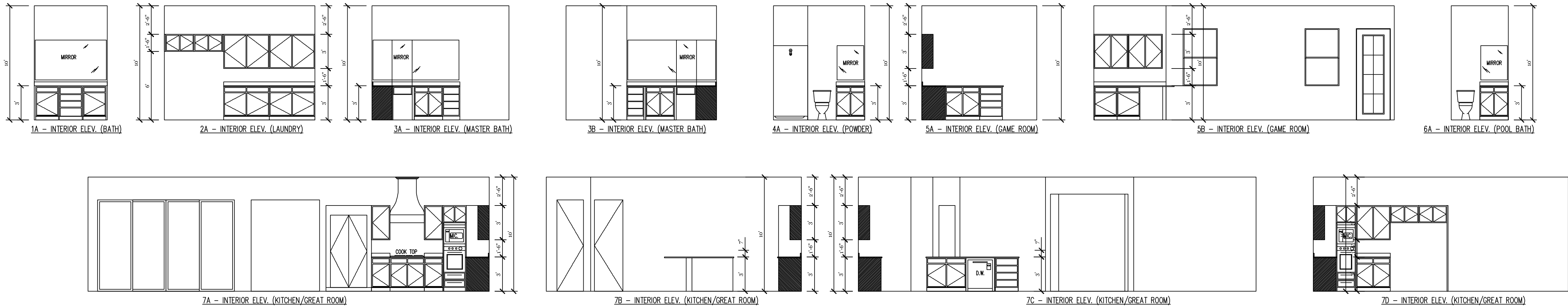
SECTION CUT - "A"



TYP. SECTION CUT INFO.



SECTION CUT - "B"



Scale: 1/4" = 1'-0"

REVISIONS

NO.	DATE

NAME: ASSURED DEVELOPMENT

SITE ADDRESS: 1016 ATHENS AVE
HENDERSON, NV. 89002

PARCEL # 160-33-801-018

PHONE: (702) 868-0900

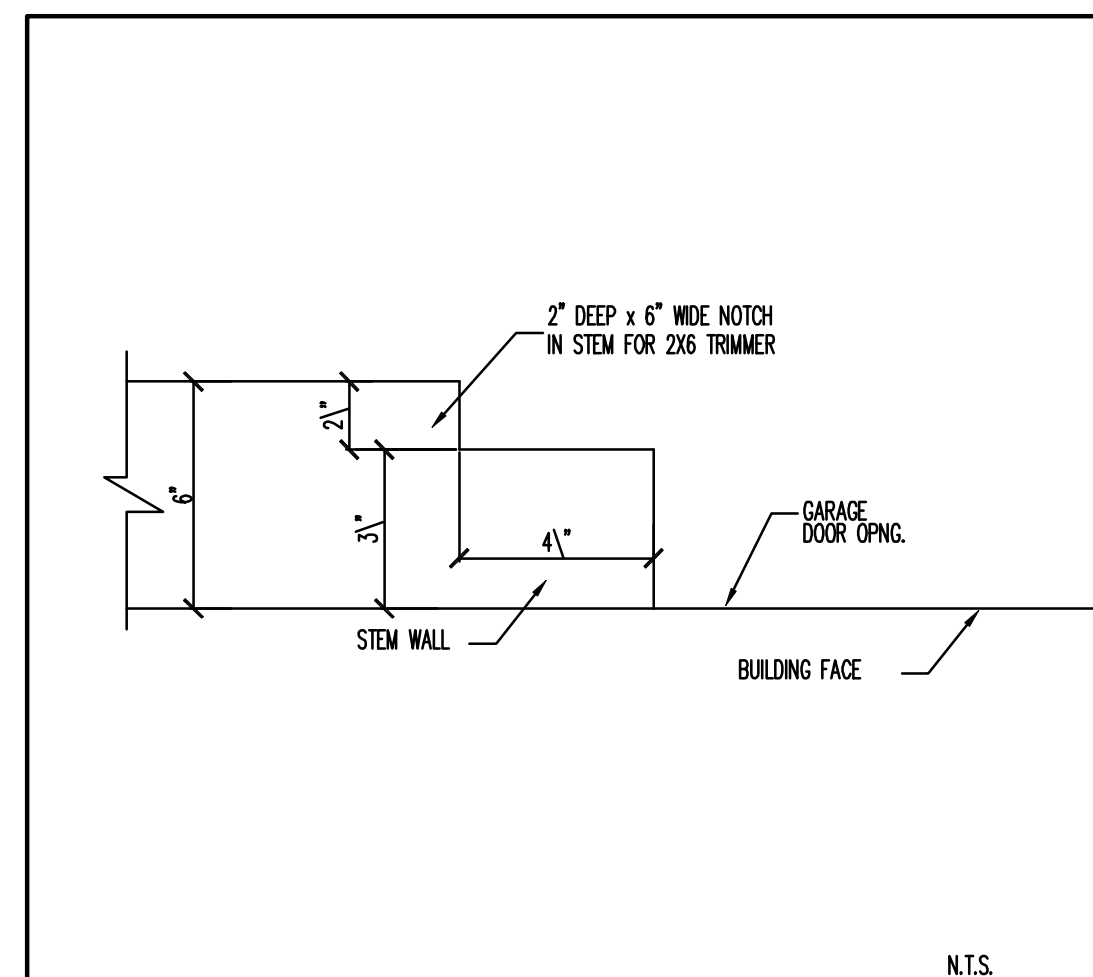
MAILING ADDRESS: PO BOX 530778
HENDERSON NV 89053

STATE OF NEVADA
B-2 GENERAL CONTRACTOR
ASSURED DEVELOPMENT INC.
LIC #85290
6/9/20
3/31/2021
PROFESSIONAL CONTRACTOR

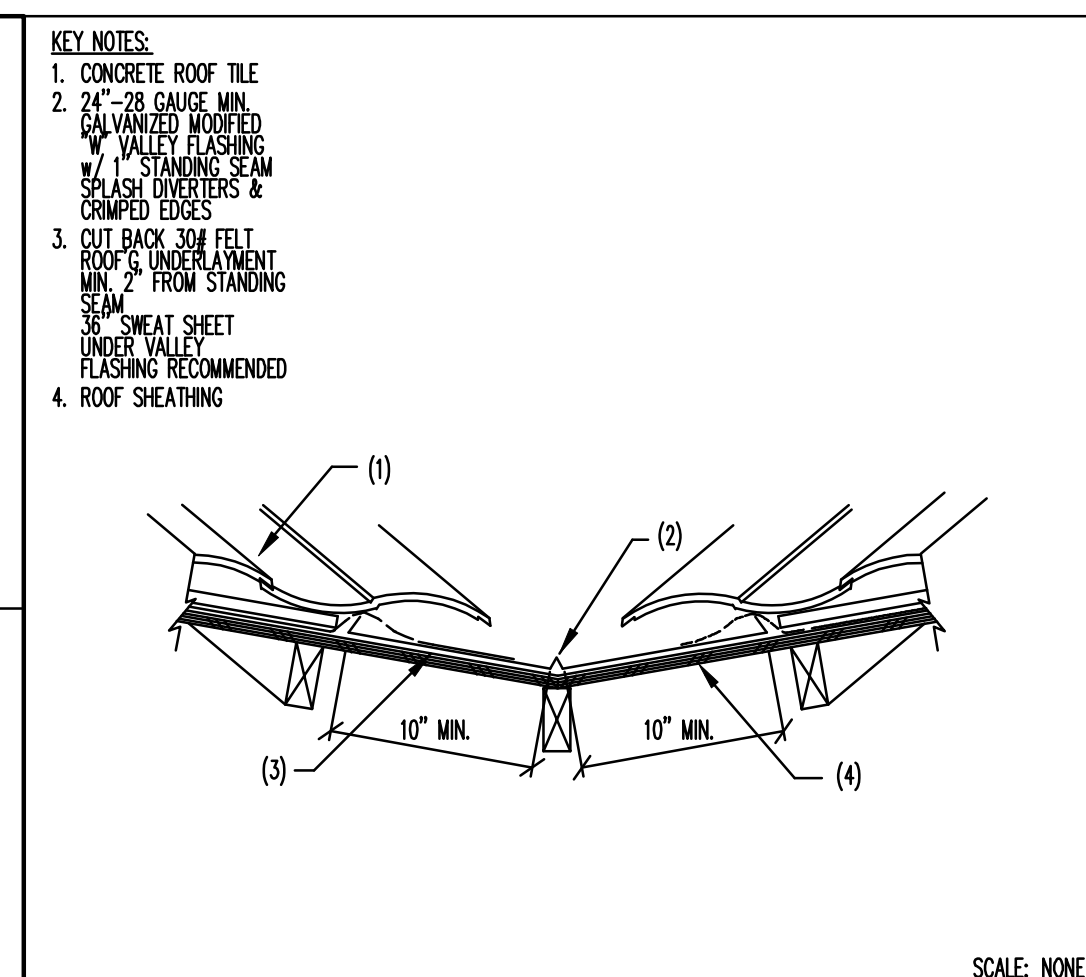
SECTION CUTS
/ INTERIOR ELEVATIONS

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

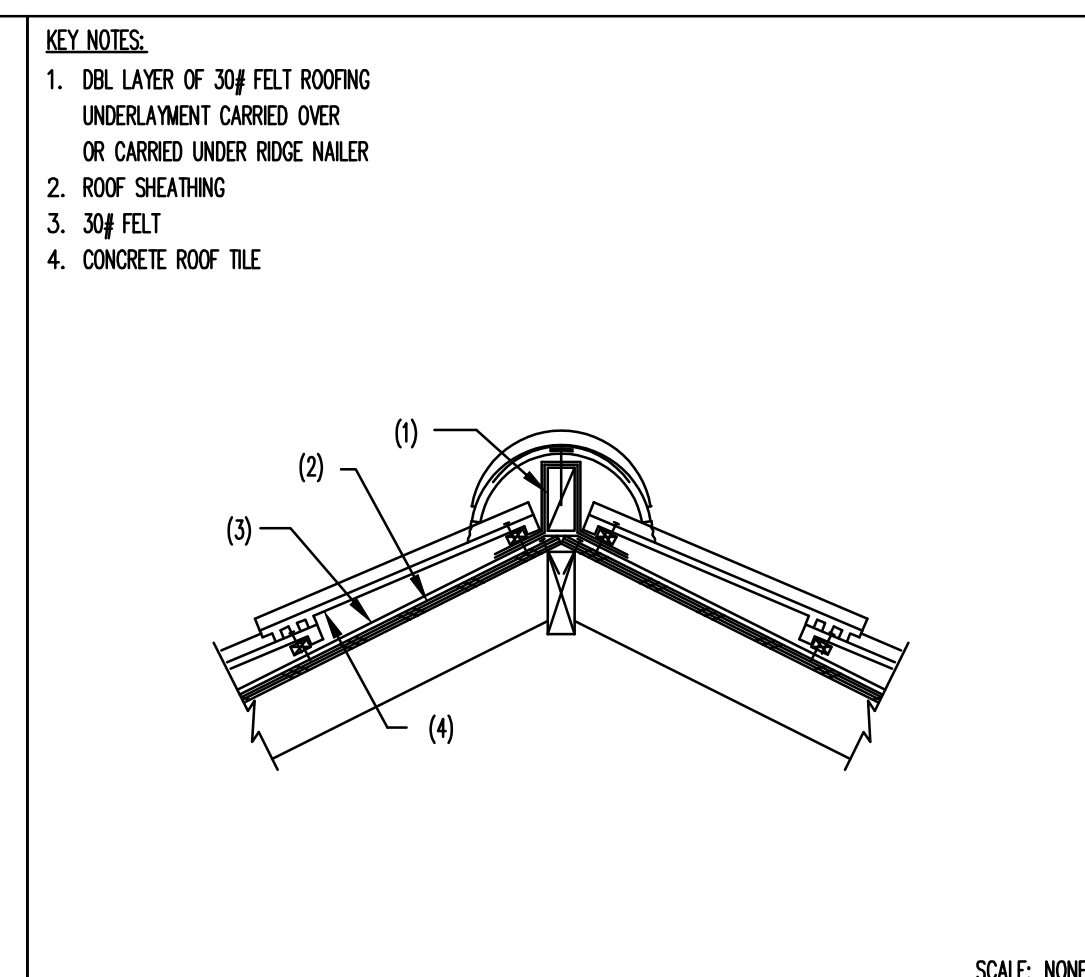
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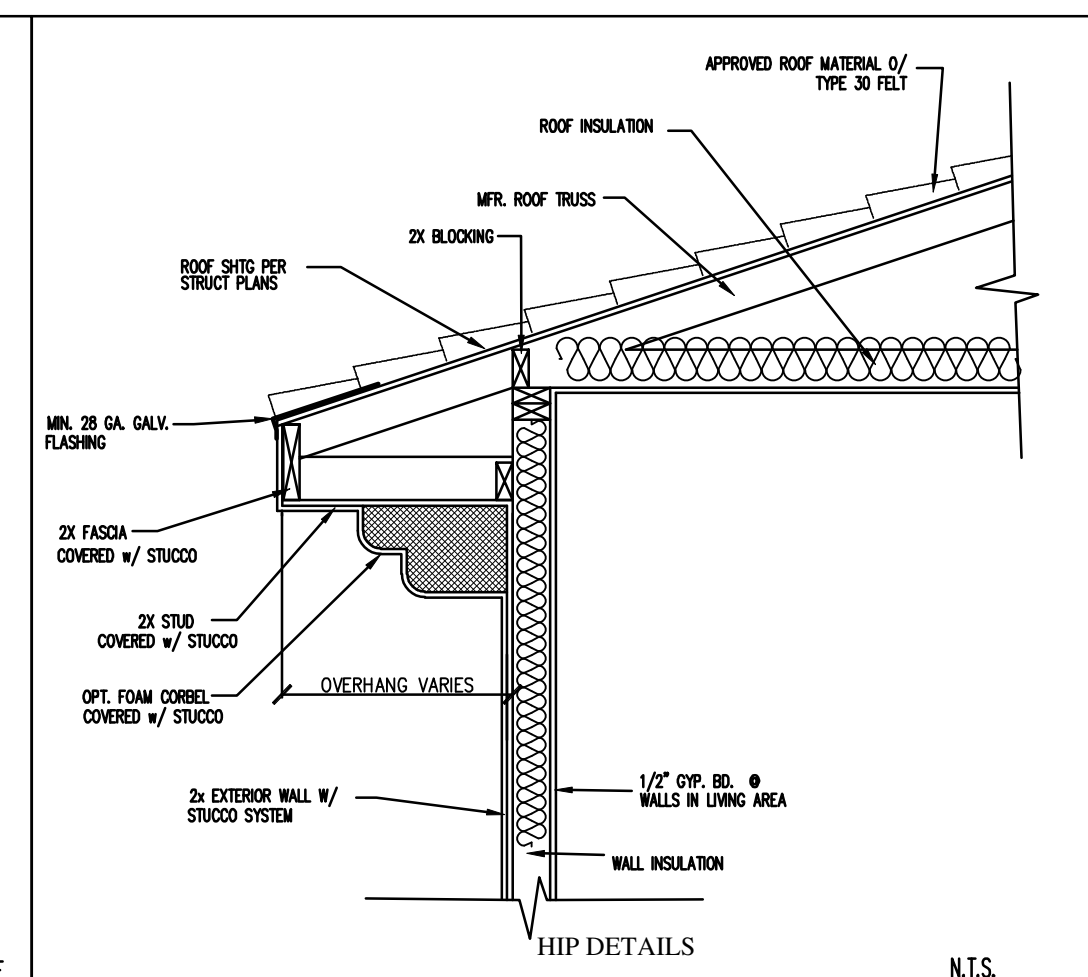
1 GARAGE DOOR JAMB @ STEM WALL



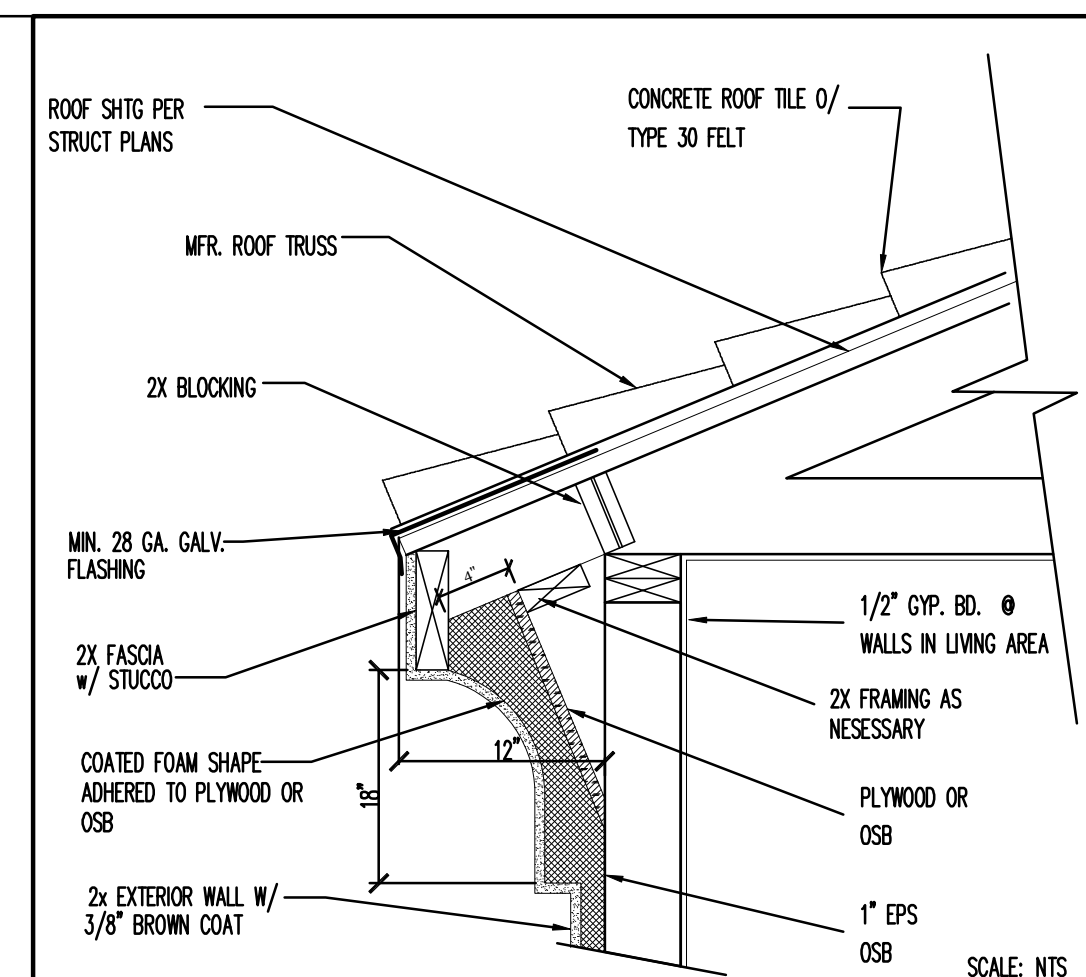
② CONC. TILE-VALLEY FLASHING DETAIL



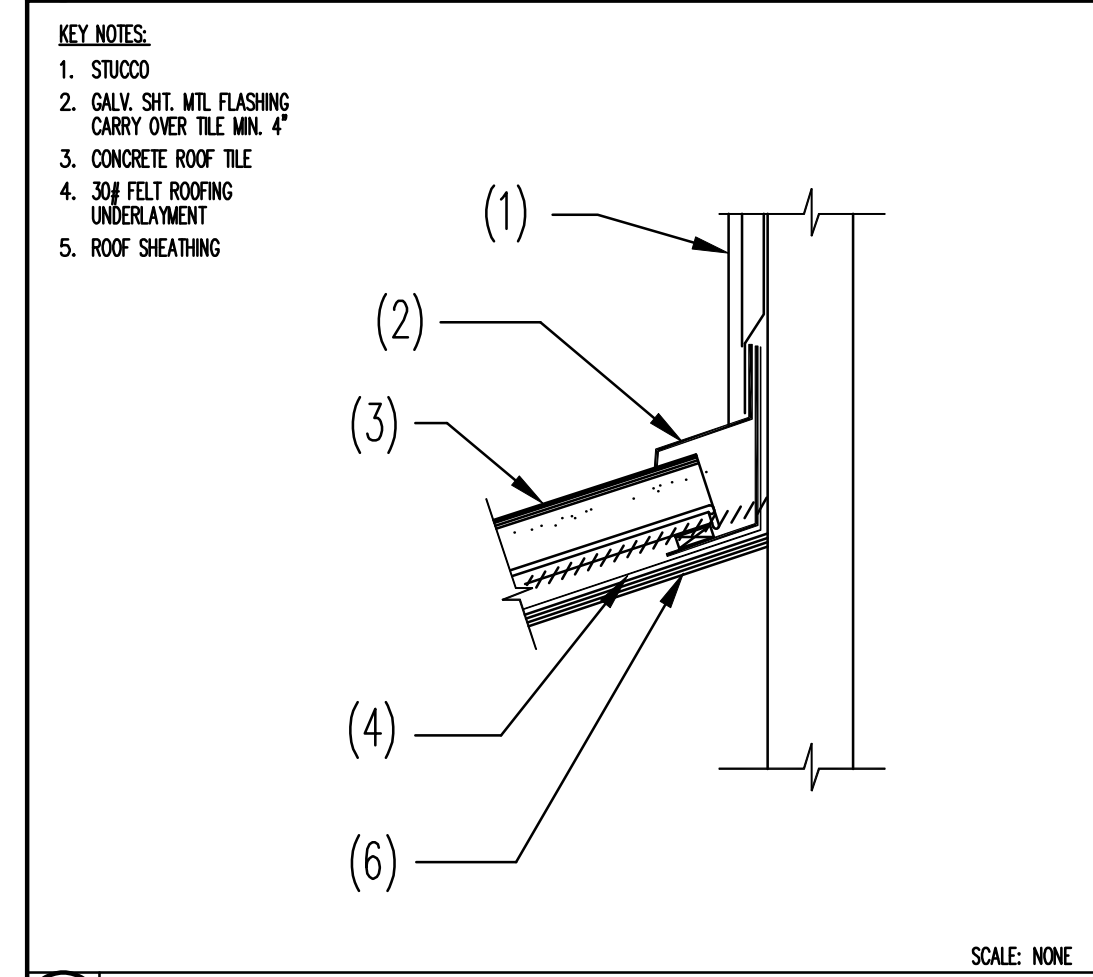
3 CONC. TILE-RIDGE FLASHING DETAIL



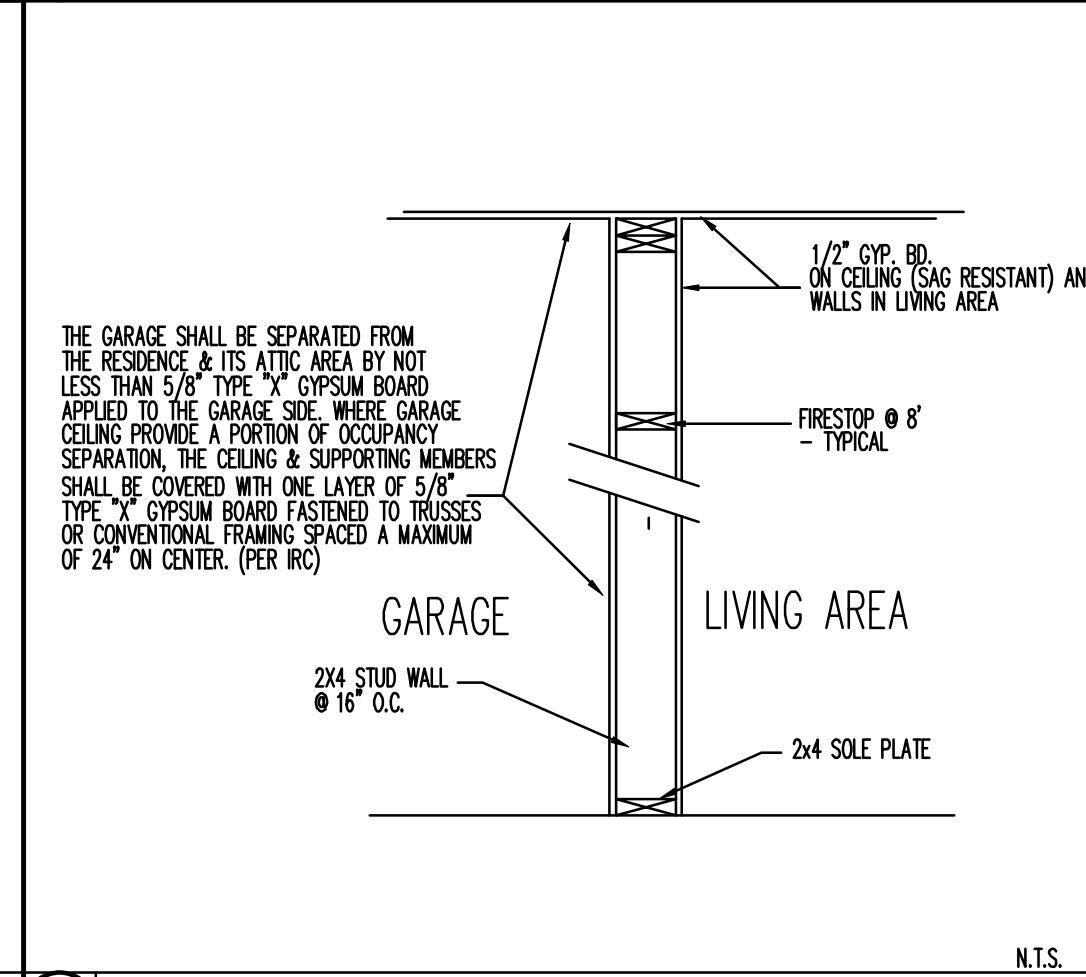
4 TYPICAL STUCCO EAVE DETAILS



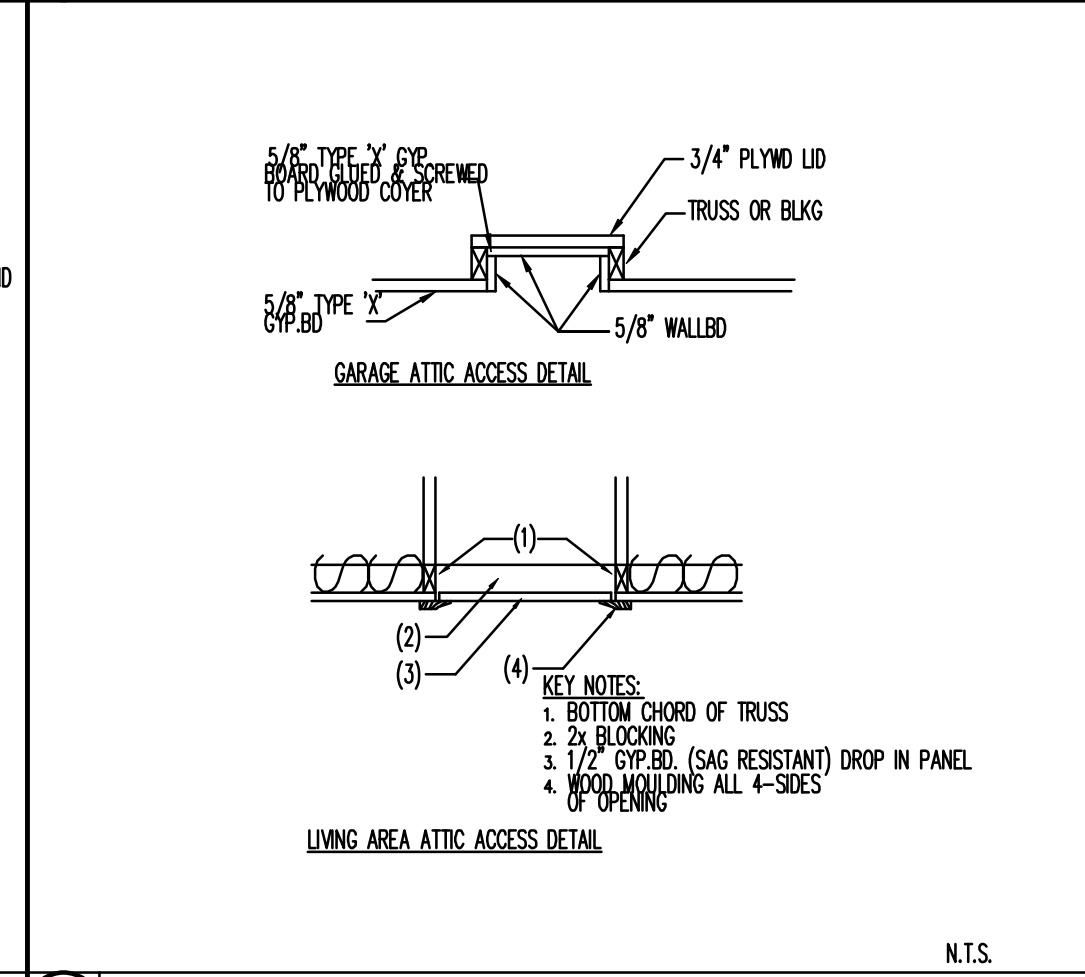
5 COVE CORNICE DETAIL



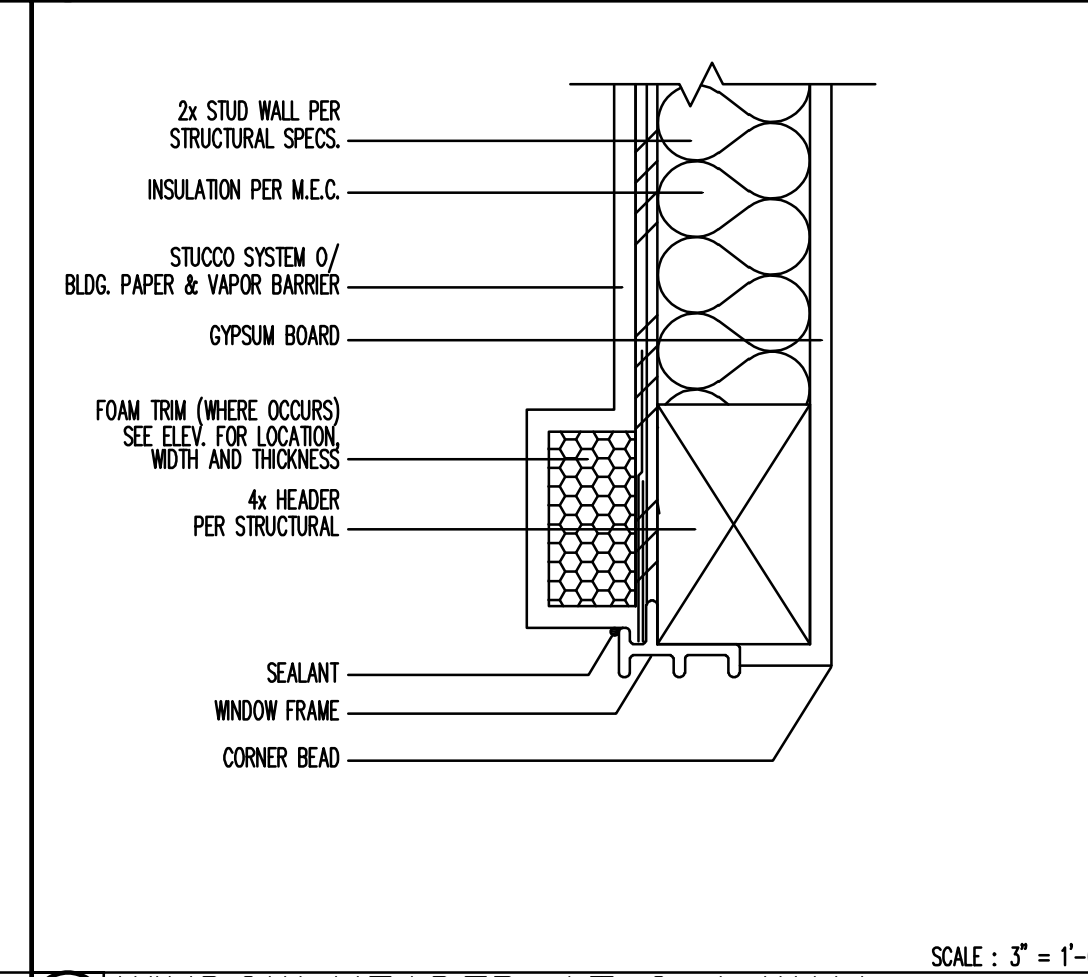
⑥ CONC. TILE-FLASHING @ WALL DETAIL



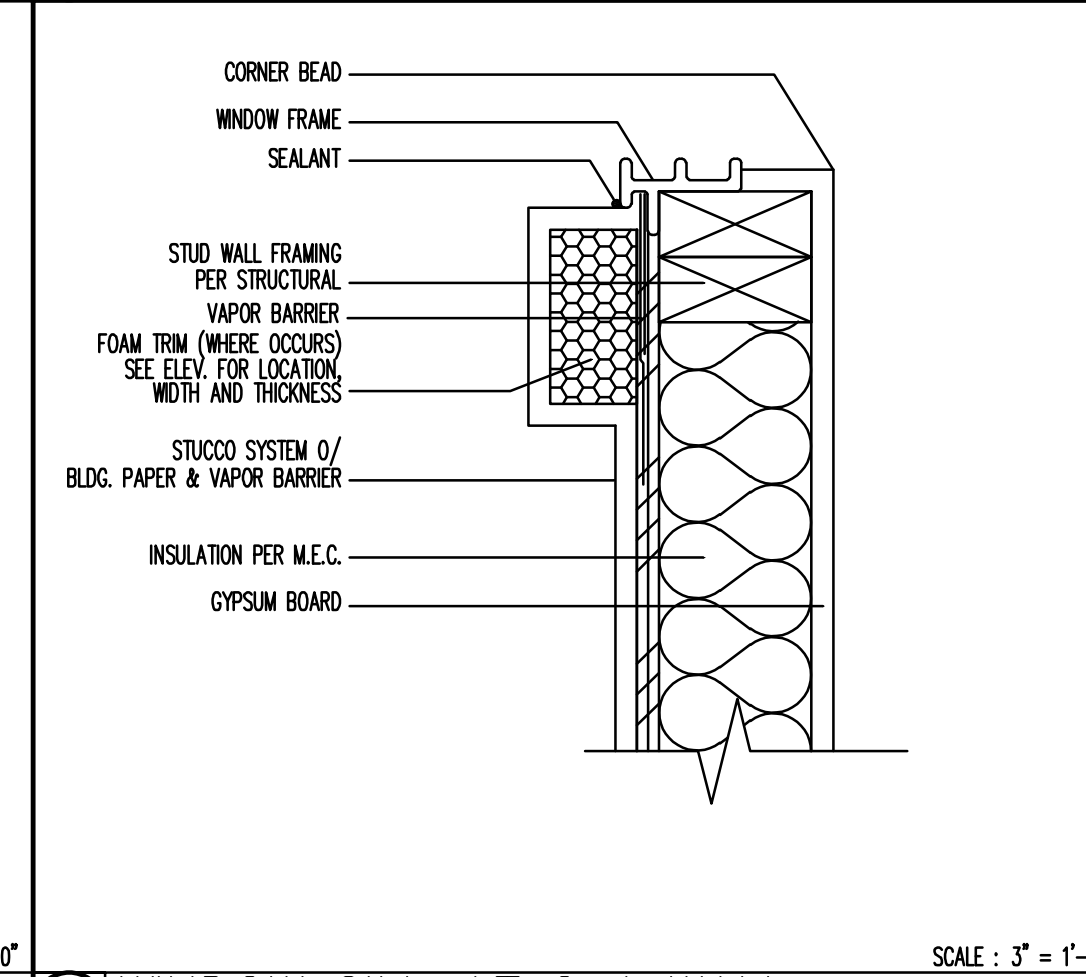
7 GARAGE FIREWALL @ LIVING AREA



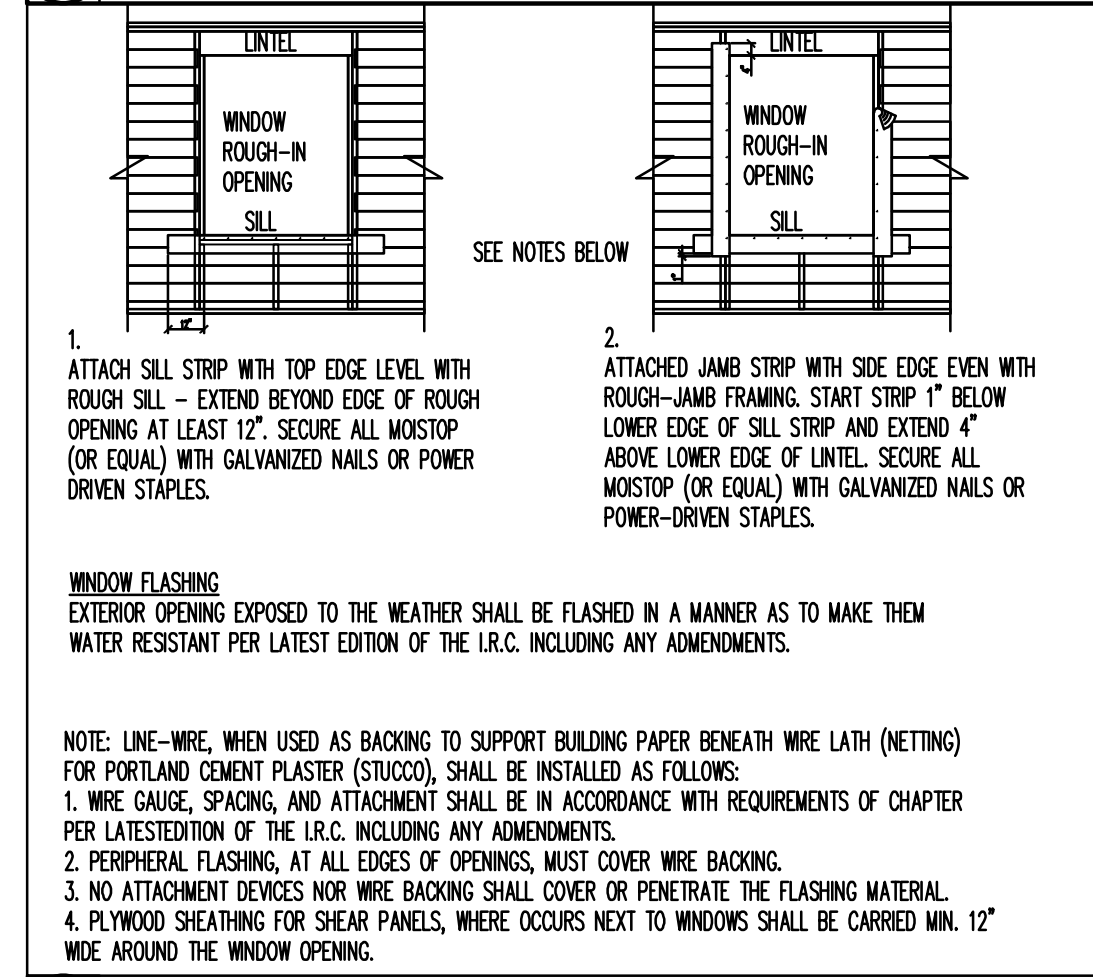
8 ATTIC ACCESS DETAILS



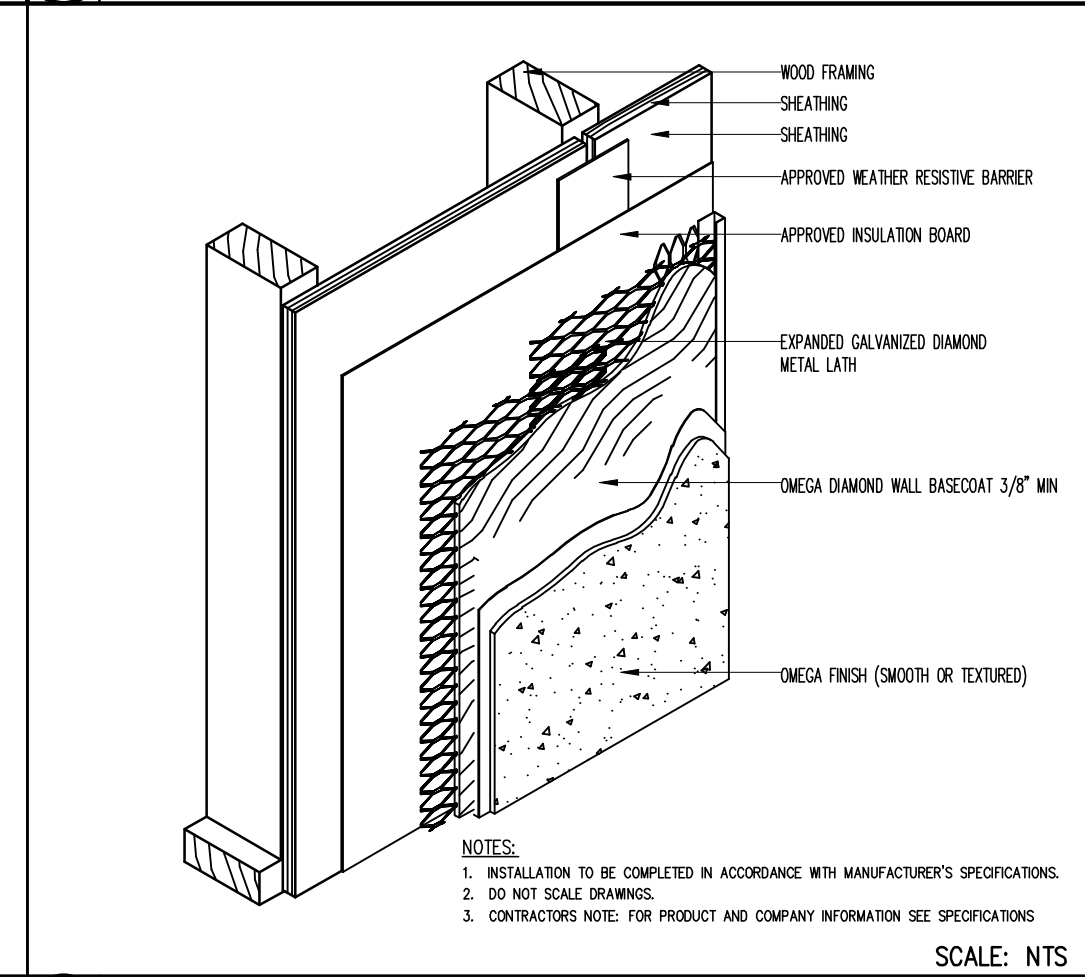
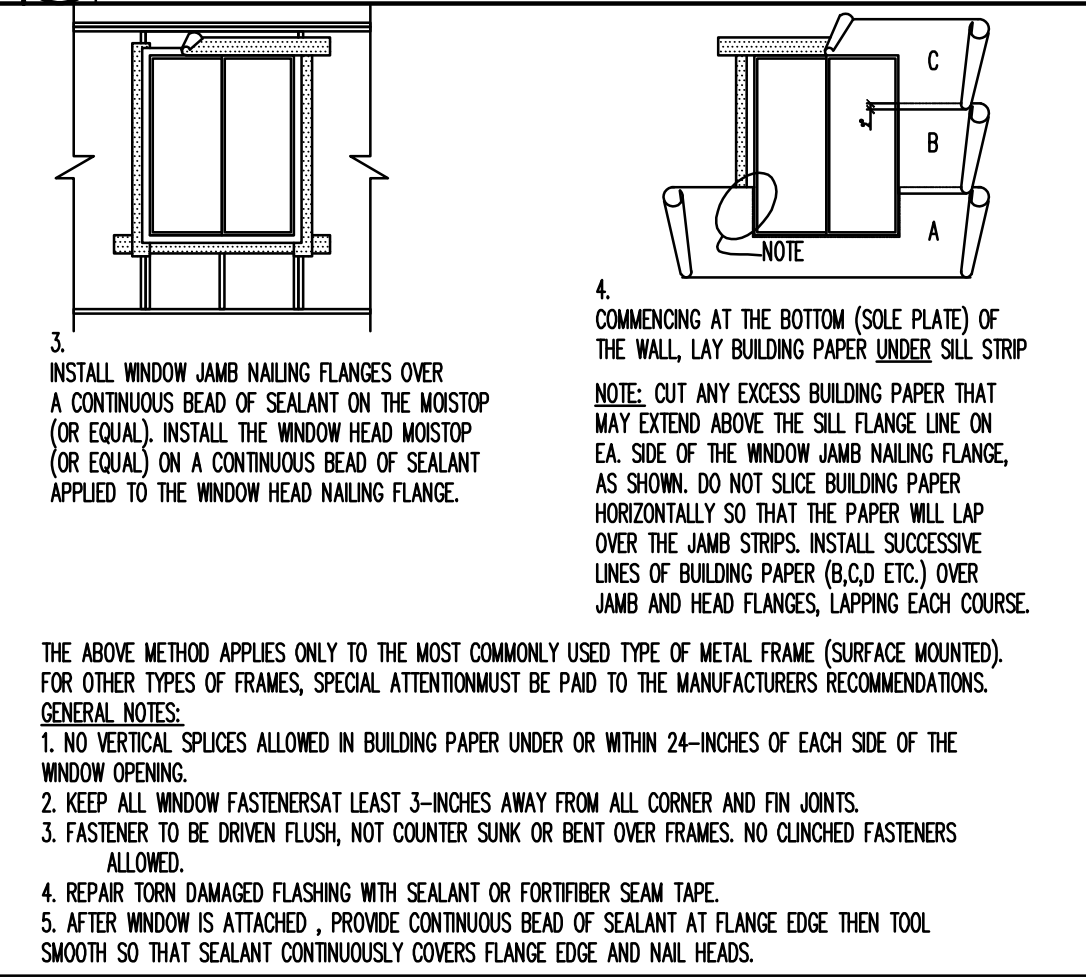
⑨ WINDOW HEADER AT 2x4 WALL



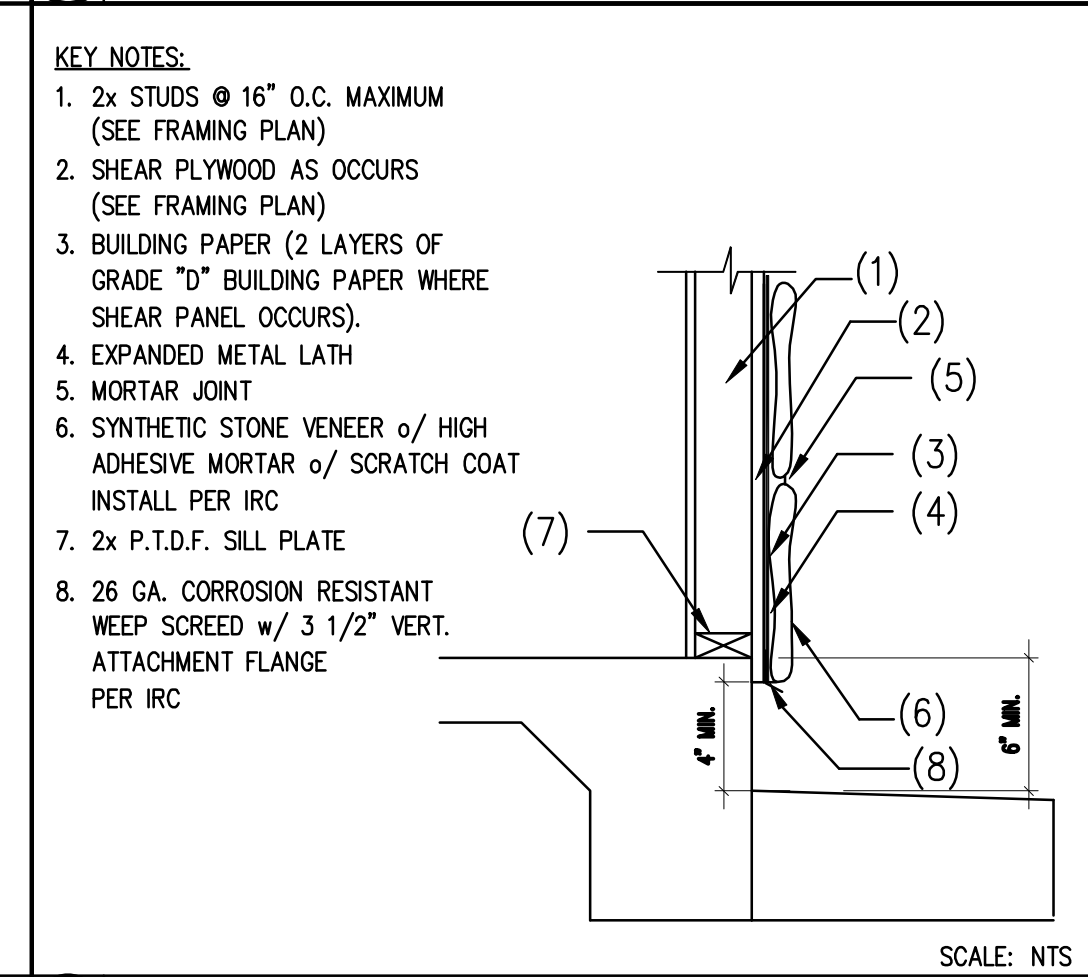
⑩ WINDOW SILL AT 2x4 WALL



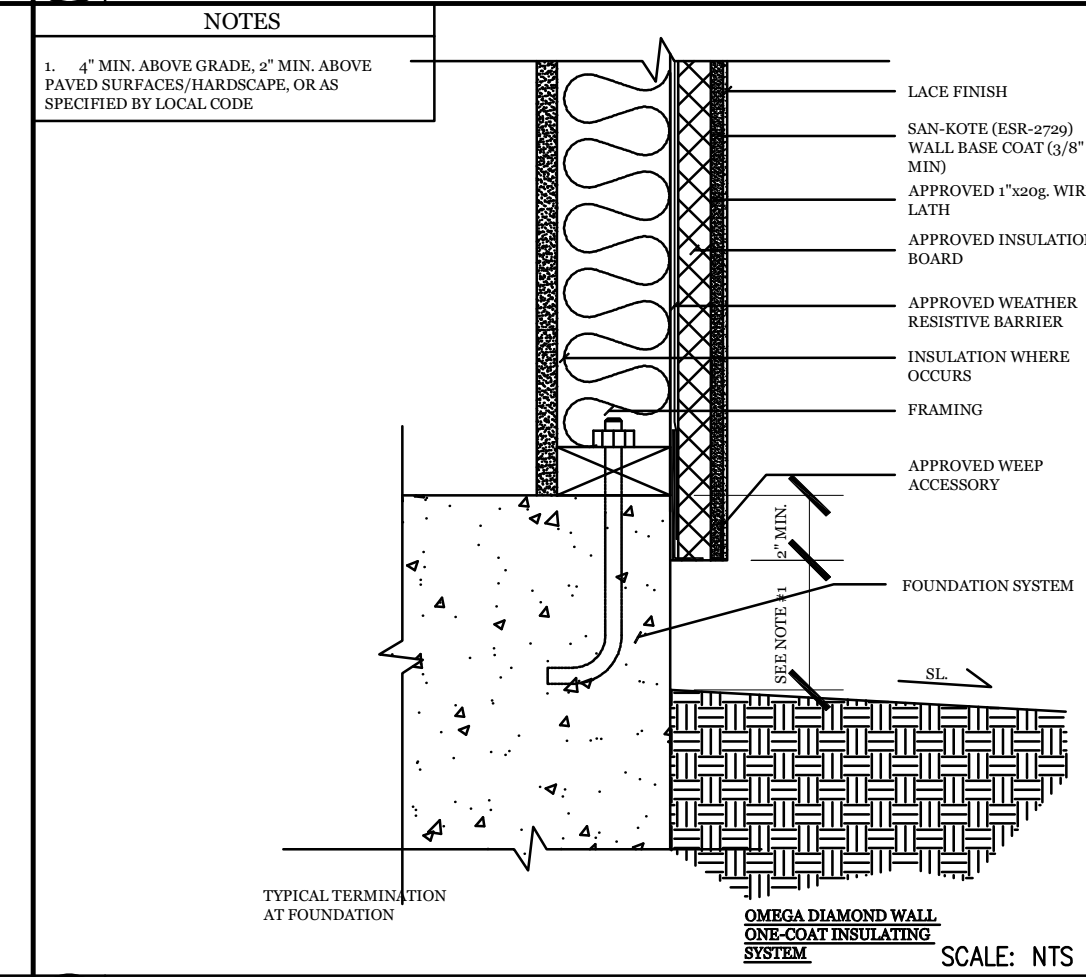
11 WINDOW FLASHING DETAIL



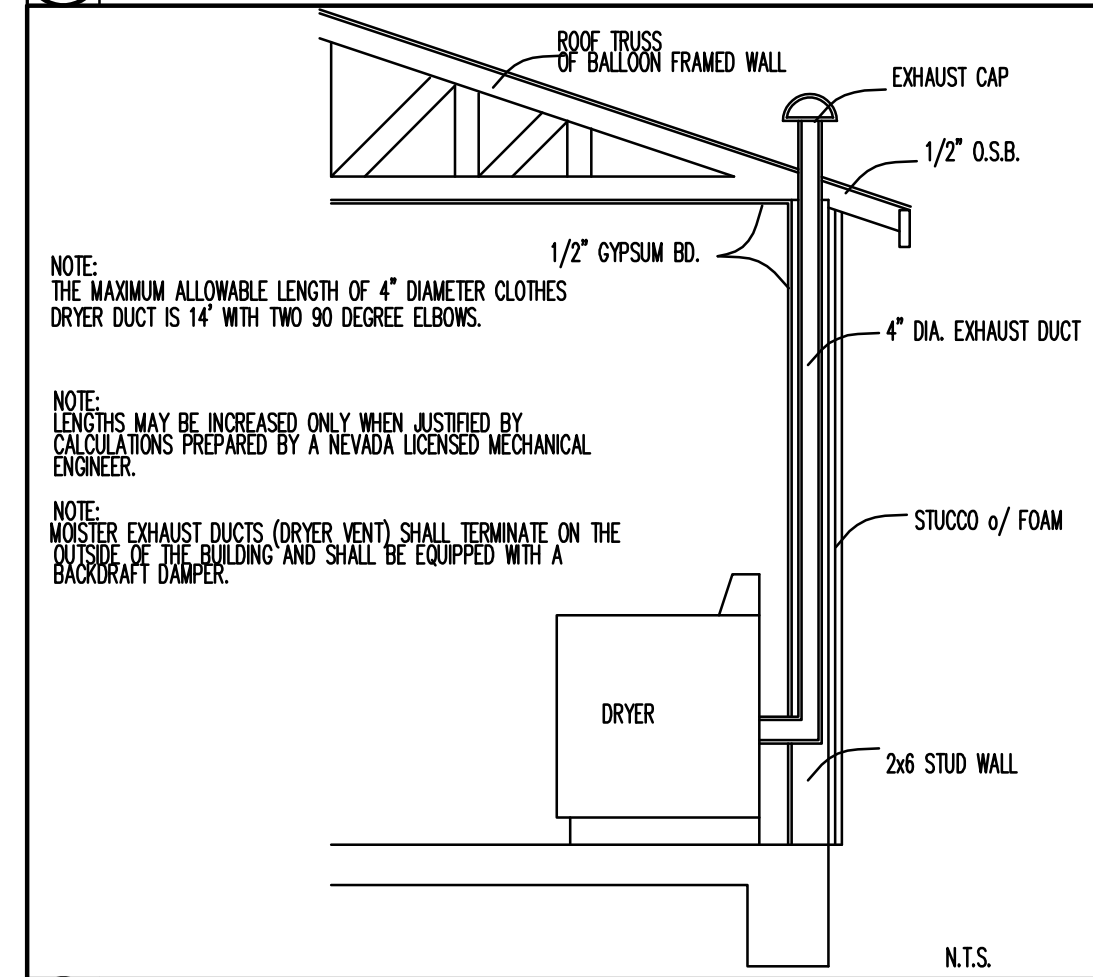
13 STUCCO APPLICATION DETAIL



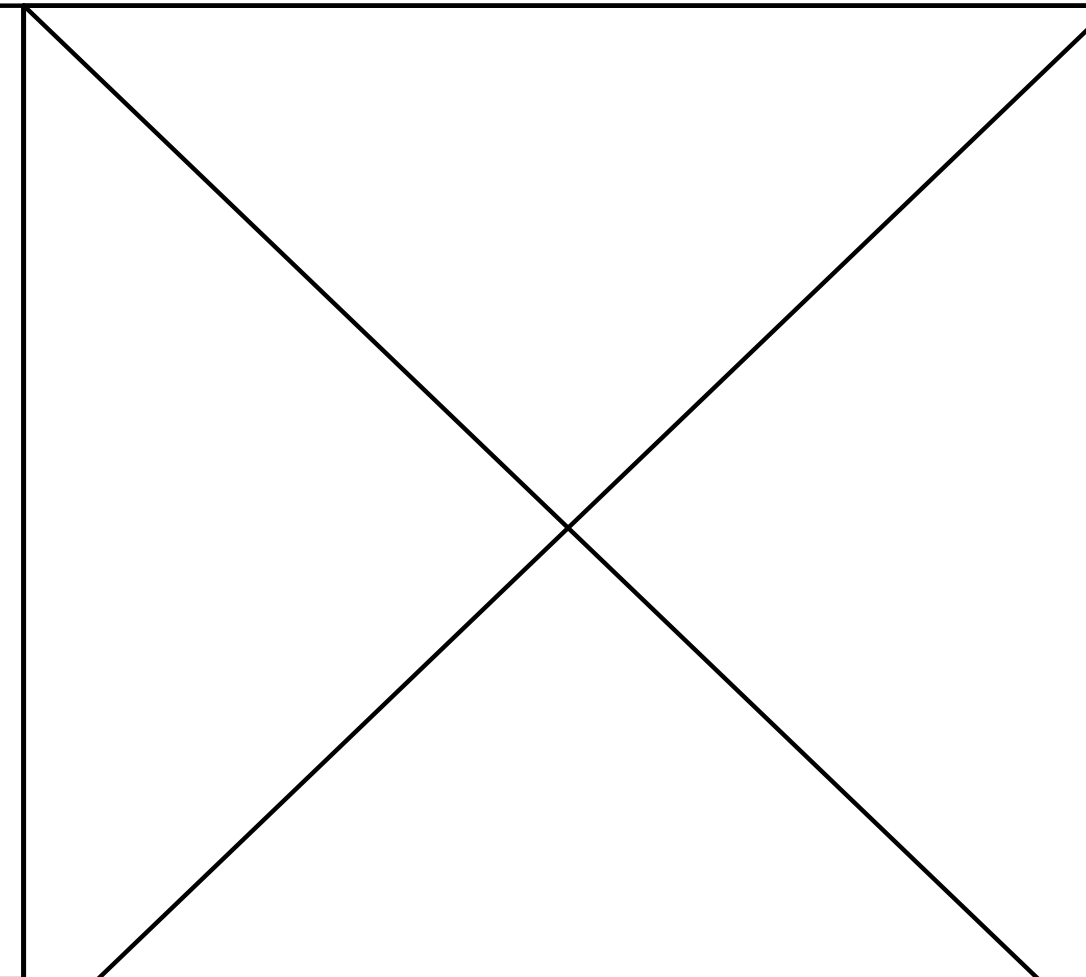
14 SYNTHETIC STONE VENEER DETAIL



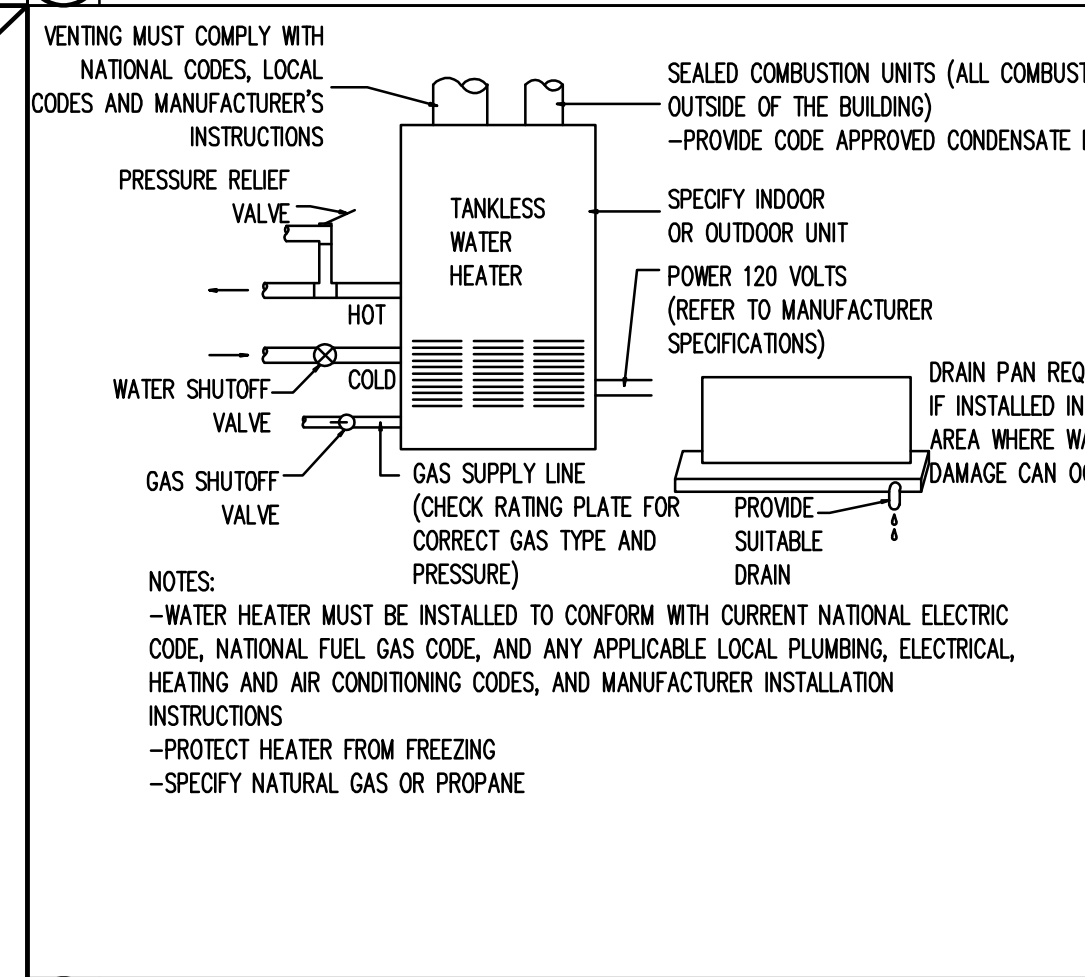
15 WEEP SCREED DETAIL



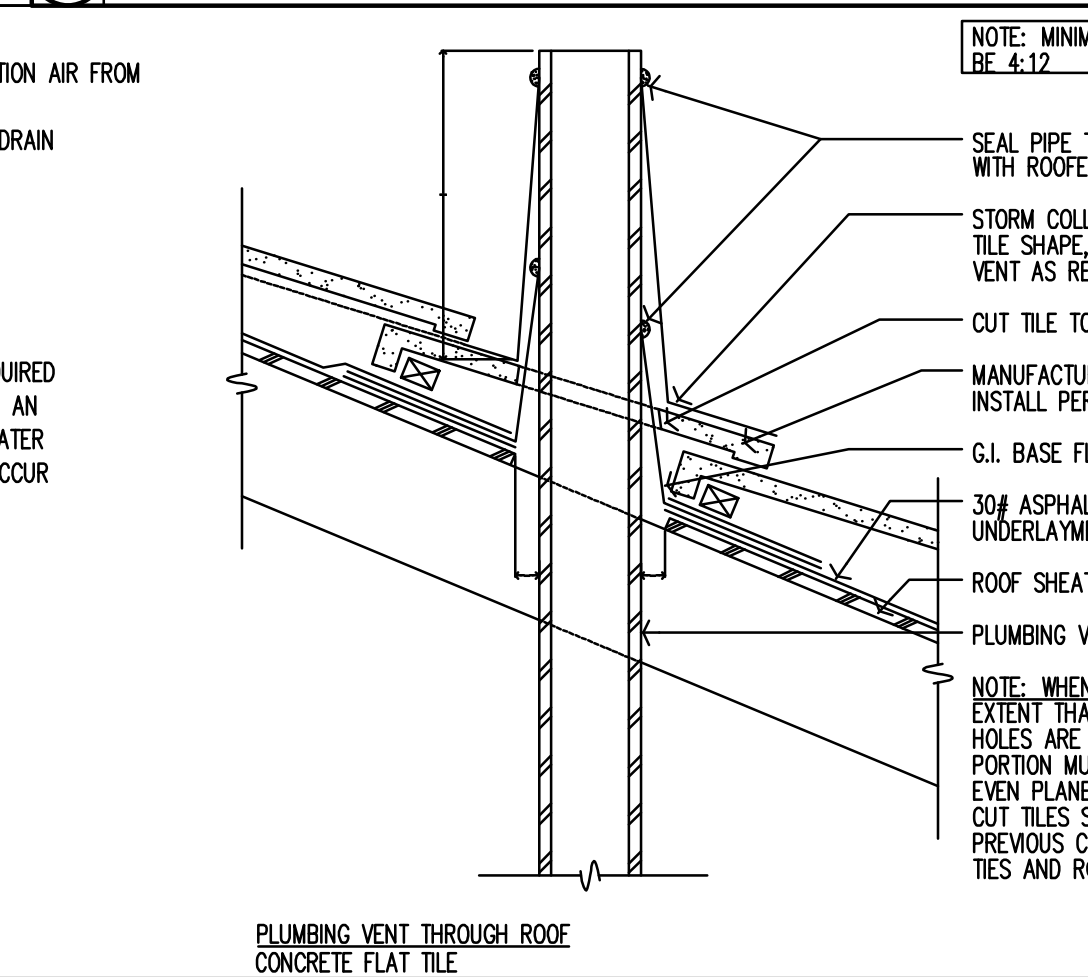
16 DRYER EXHAUST DUCT DETAIL

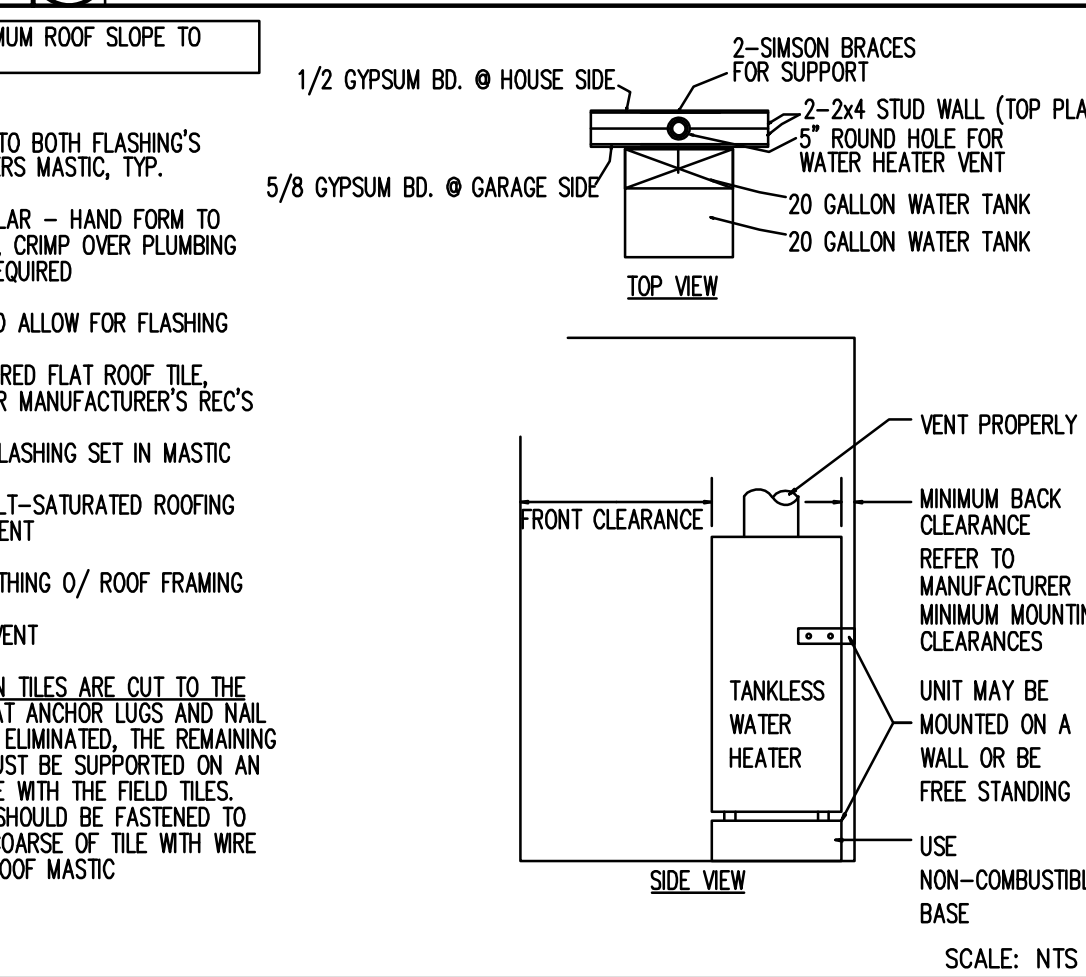


17



18 TANKLESS WATER HEATER DETAIL





20

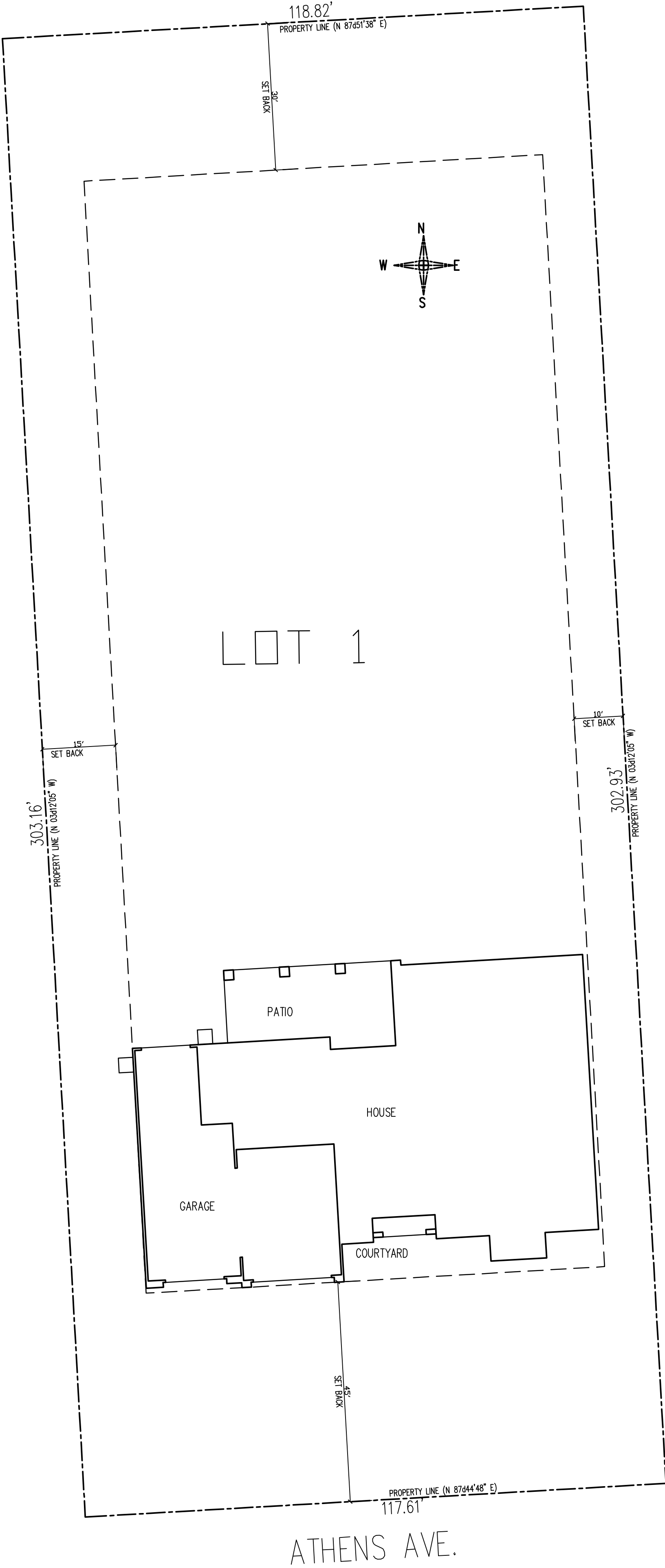
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DETAILS

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

D1.0

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



REVISIONS	
NO.	DATE
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NAME:
ASSURED DEVELOPMENT

PHONE:
(702) 568-0900

MAILING ADDRESS:
PO BOX 530778
HENDERSON
NV 89053

SITE ADDRESS:
1016 ATHENS AVE
HENDERSON, NV. 89002

PARCEL #
160-33-801-018

STATE OF NEVADA

8-2 GENERAL CONTRACTOR

ASSURED DEVELOPMENT INC.

LIC #85290

6/9/2021

PROFESSIONAL CONTRACTOR

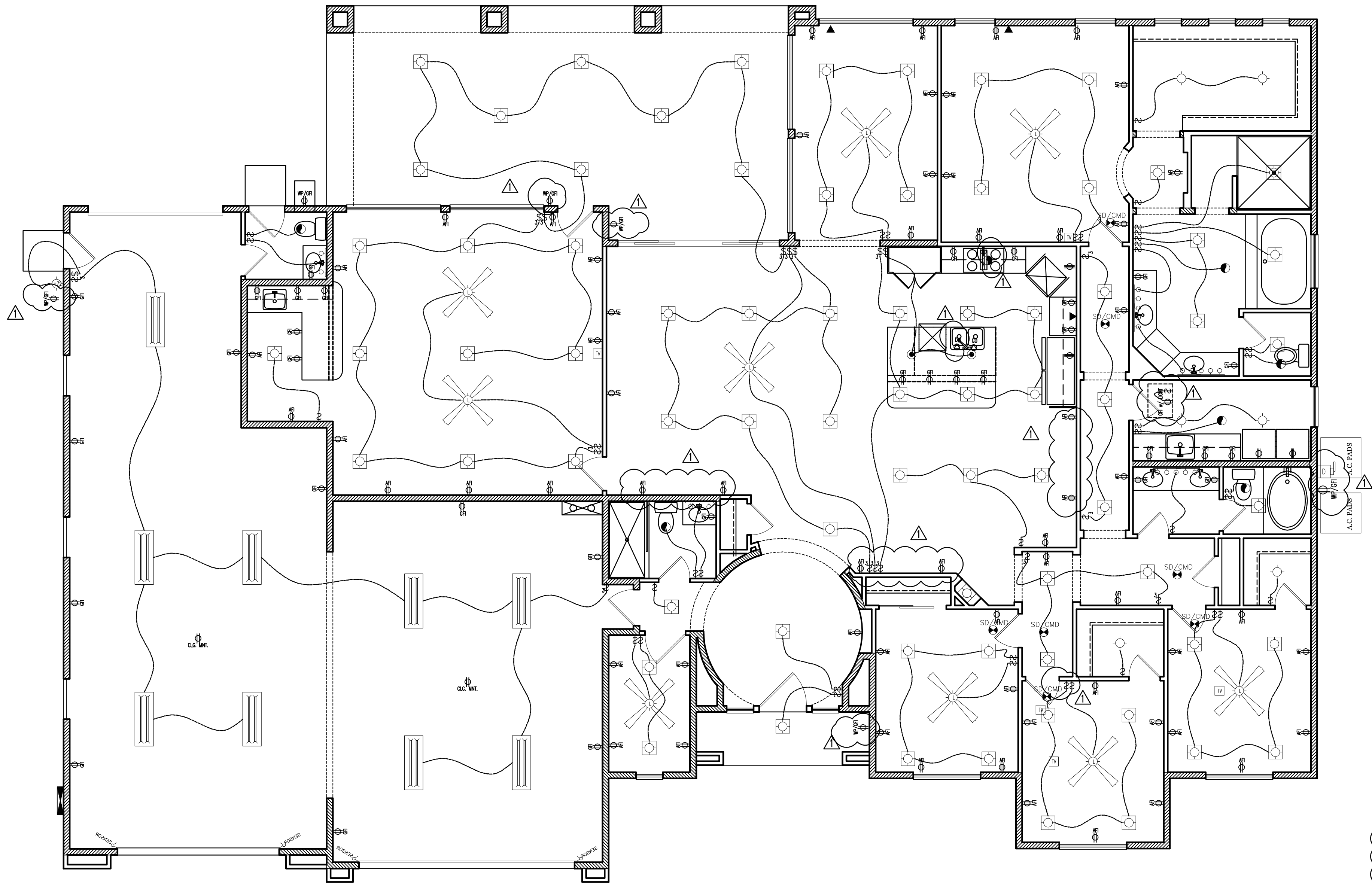
SITE PLAN

ORIGINAL DATE:
05/01/20

SCALE:
3/16" = 1'-0"

LIVABLE AREA:
3,522 SQ. FT.

L1.0



ELEC. FIXTURES SCHEDULE	
110 VOLT DUPLEX OUTLET	
110 VOLT DUPLEX OUTLET PROTECTED BY AN ARC-FAULT CIRCUIT INTERRUPTER	
110 VOLT DUPLEX GROUND FAULT INTERRUPT OUT.	
220 VOLT OUTLET	
110 VOLT SPLIT WIRE DUPLEX OUTLET (1/2 HOT)	
110 VOLT WEATHER PROOF GROUND FAULT INTERRUPTOUTLET	
DISHWASHER OUTLET	
GARBAGE DISPOSAL OUTLET	
CEILING LIGHT - PENDANT	
CEILING LIGHT - FLUSH MOUNT	
WALL MOUNT SCONCE	
RECESSED CEILING 'CAN' LIGHT	
RECESSED CEILING 'CAN' LIGHT (AF) IN ALL BEDROOMS & CLOSETS @ BEDRM)	
RECESSED CEILING 'CAN' LIGHT (WATERPROOF)	
LOW VOLT PIN SPOT LIGHT	
RECESSED CEILING 'CAN' LIGHT (OPTIONAL)	
3 LIGHT BAR	
5 LIGHT BAR	
2 LIGHT 24" FLOURESCENT FIXTR	
2 LIGHT 48" FLOURESCENT FIXTR	
2 LIGHT 48" FLOURESCENT FIXTR RECESSED IN CEILING	
CEILING FAN WITH LIGHT	CEILING FAN ONLY (NO LIGHT)
CEILING EXHAUST FAN	
CEILING MOUNTED MULTI - SMOKE/CARBON MONOXIDE DETECTOR	
SWITCH	
3-WAY SWITCH	3-WAY DIMMER SWITCH
4-WAY SWITCH	4-WAY DIMMER SWITCH
DIMMER SWITCH	
FAN SWITCH	
TELEPHONE JACK WITH OR DATA LINE (CAT-5 OR CAT-6) SEE OWNER/BUILDER FOR LOCATION	
TELEVISION JACK (CABLE READY)	JUNCTION BOX
THERMOSTAT	ELECTRICAL PANEL
GARAGE OPENER BUTTON	DISCONNECT SERVICE SWITCH
GAS VALVE	
GARAGE DOOR SENSOR-LT	GARAGE DOOR SENSOR-RT

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

NOTE: A MINIMUM OF 90% OF PERMANENTLY INSTALLED LIGHTING FIXTURES SHALL BE HIGH-EFFICACY LAMPS 2018 EEC 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, DENIS, 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, DENIS, 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 RECEPTACLES SPECIFIED IN 210.52 THAT ARE NON-LOOKING SHALL BE TAMPER-RESISTANT RECEPTACLES NEC406.12.

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

RESIDENTIAL ELECTRICAL LOAD CALCULATIONS	
Owner: Dave Reynolds	Date:
Address: 653 Appollo Ave	Prepared by: JB
General Lighting Load Sq Ft. 3640 X 3 Volt Amps	= 10920 VA
Small Appliance Circuits @ 1500 VA each X 2 (min. of two)	= 3000 VA
Laundry (Washing Machine) Circuit 1500 VA X 1 (min. of one)	= 1500 VA
Sub Total	= 15420 VA
First 3,000 VA of General Lighting Load @ 100%	= 3000 VA
From 3,001 to 120,000 VA @ 35%	ST 7920 X .35 = 2772 VA
Over 120.00 VA use 25%	ST X .25 =
Electrical Cooking Appliances, Use NEC Table 220.18	
Number of Appliances 0 Column A	=
Number of Appliances 1 Column B	= 4800 VA
Number of Appliances 0 Column C	=
Dryer Load NEC Table 220.18	= NA VA
(1) Sub Total	= 25992 VA
Heating/Air Conditioning - List type and VA @ 100% (H) Heat Pump (C) Gas - Cool (S) Heat Strip (A) Ctr Fans	
Unit 1 G 5040	
Unit 2 G 5040	
(2) Sub Total	= 10080 VA
Fixed Appliances - If fewer than four units use 100%. If four or more use 75% of the nameplate rating	
Microwave 1500 VA x 1 Food Center 600 VA x	
Compactor 1200 VA x Water Heater 4500 VA x	
Dishwasher 1200 VA x 1 Jacuzzi Tub 1850 VA x	
Disposal 600 VA x VA x	
Cent Vacuum 1500 VA x VA x	
Appliance Subtotal: 2700 x (100%) or (75%)	(3) Sub Total = 2700 VA
Add 25% of the largest motor, usually the A/C compressor	
5040 x 25% LM 1260	(4) Sub Total = 1260 VA
Spare 20 Amps x 240 Volts	(5) Sub Total = 4800 VA
GRAND TOTAL (Add Subtotals (1), (2), (3), (4), and (5))	= 44832 VA
Total Volt Amps 44832 Divide by 240 Volts =	186.8 Amps
Service Size 400	Grounding Electrode Conductor #2

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

REVISIONS

NO.	DATE
1	09/02/2020
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NAME: ASSURED DEVELOPMENT
SITE ADDRESS: 1016 ATHENS AVE
HENDERSON, NV. 89002
PARCEL # 160-33-801-018
PHONE: (702) 868-0900
MAILING ADDRESS: PO BOX 530778
HENDERSON NV 89053

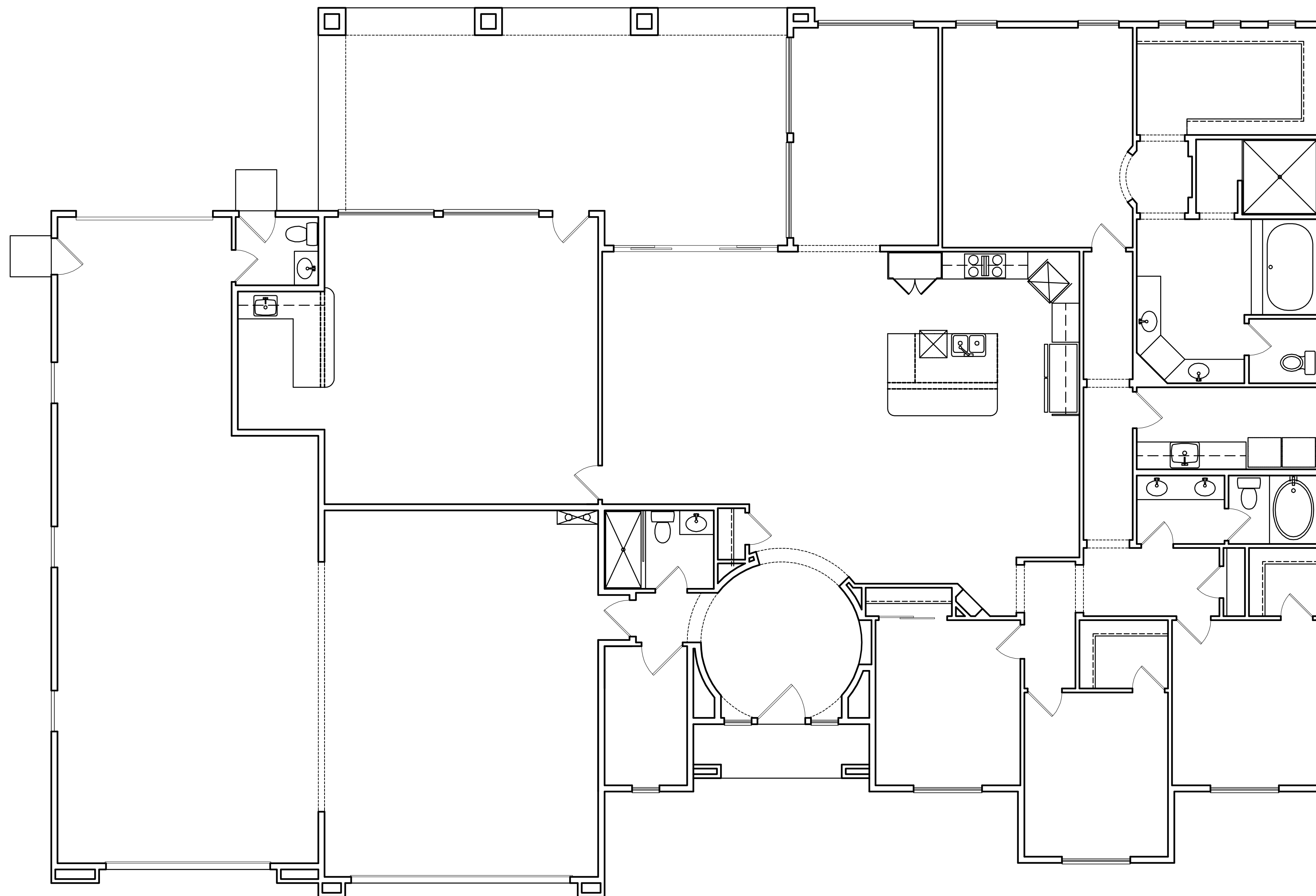
STATE OF NEVADA
8-2 GENERAL CONTRACTOR
ASSURED DEVELOPMENT INC.
LIC #85290
EXP 3/31/2021
PROFESSIONAL CONTRACTOR

ELECTRICAL PLAN

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

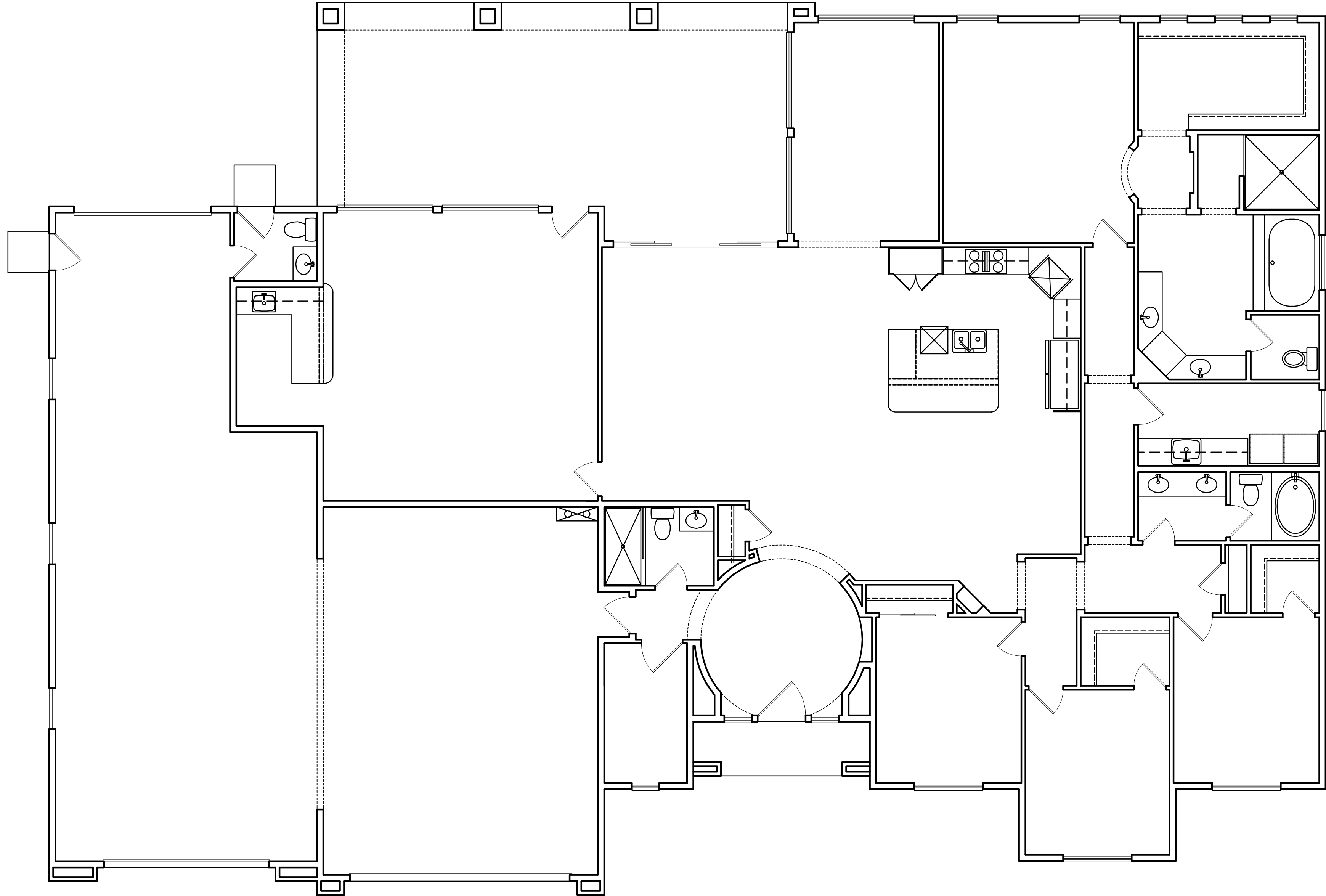
E1.0

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



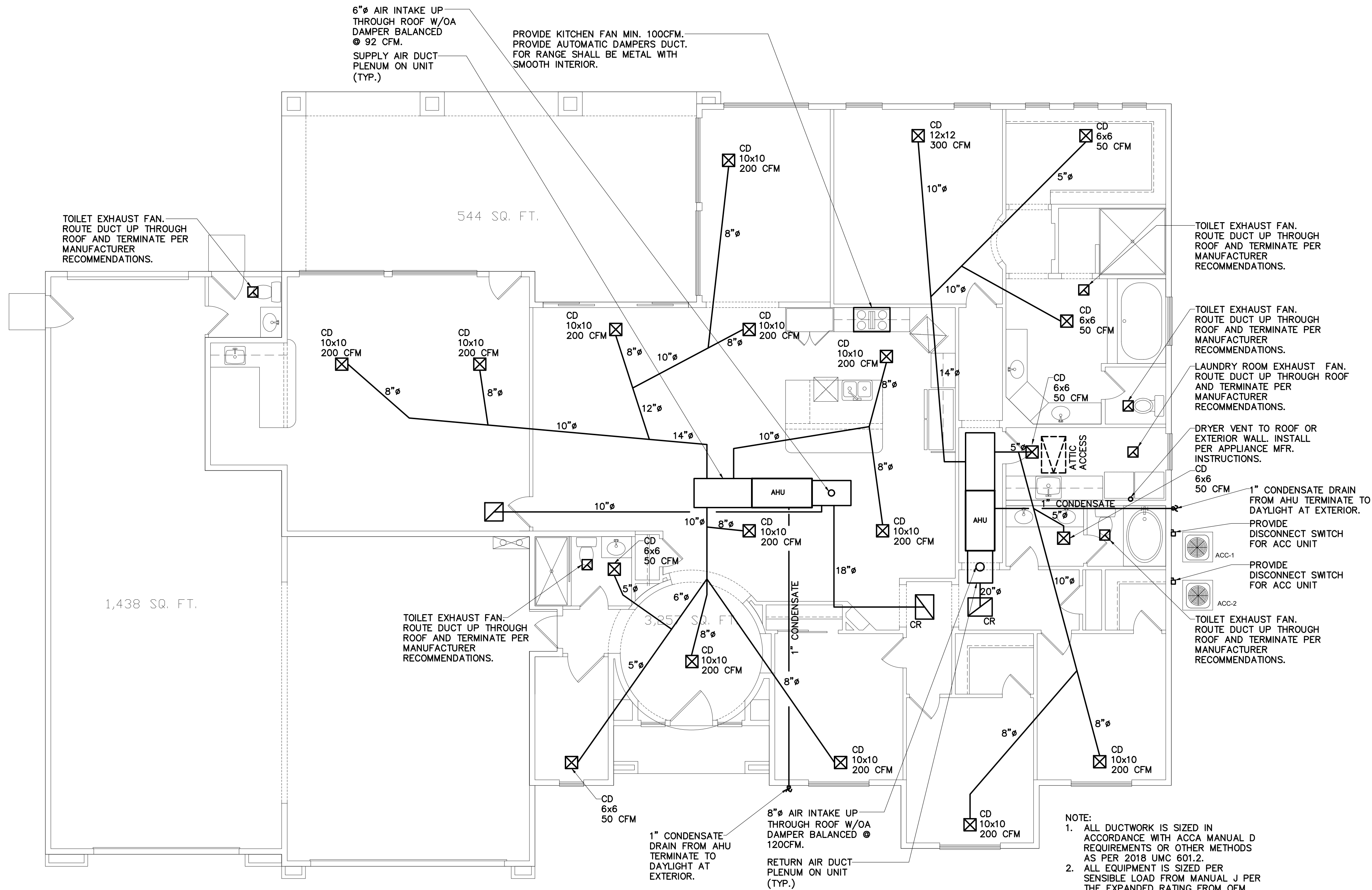
Scale: $3/16" = 1'-0"$

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

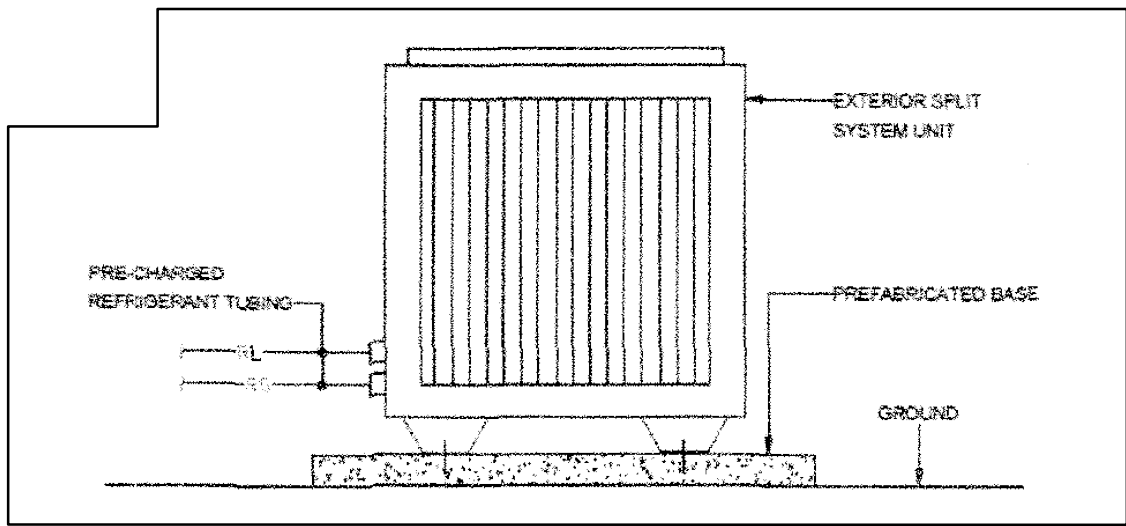
REVISIONS	
NO.	DATE
NAME: ASSURED DEVELOPMENT PHONE: (702) 568-0900 MAILING ADDRESS: PO BOX 530778 HENDERSON NV 89053	
SITE ADDRESS: 1016 ATHENS AVE HENDERSON, NV. 89002 PARCEL # 160-33-801-018	
<div>STATE OF NEVADA 8-2 GENERAL CONTRACTOR ASSURED DEVELOPMENT INC. LIC #85290 EXP 3/31/2021 PROFESSIONAL CONTRACTOR</div>	
PLUMBING PLAN	
ORIGINAL DATE: 05/01/20	
SCALE: 3/16" = 1'-0"	
LIVABLE AREA: 3,522 SQ. FT.	
P1.0	



MECHANICAL PLAN

SCALE: 3/16" = 1'-0"

LEGEND	
SYMBOL	DESCRIPTION
	NEW SUPPLY DIFFUSER
	NEW RETURN GRILLE
	NEW T-STAT
	FAN SWITCH
	NEW RIGID DUCT
	TAKE-OFF WITH VOLUME DAMPER
	FLEXIBLE CONNECTION
	UNDER CUT DOOR
	VOLUME DAMPER
	FIRE SMOKE DAMPER W/ACCESS DOOR



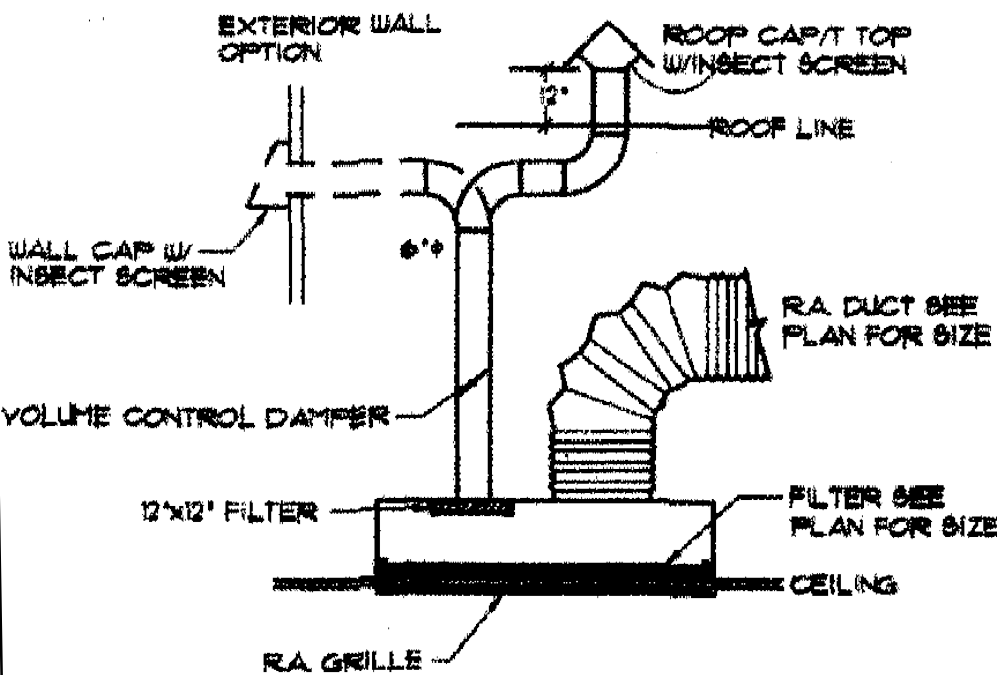
AIR OUTLETS SCHEDULE		
TYPE	DESCRIPTIONS	MFR. MODEL NO.
CD	CEILING SUPPLY DIFFUSER FOR GYP. BOARD CLG. INDIVIDUALLY ADJUSTABLE ALUMINUM CONSTRUCTION. ROUND NECK ADAPTER AND WITH DAMPER	NAILOR 51C OR EQUAL
CR	CEILING RETURN REGISTER WITH 1" GRID CORE FACE GYP. BD W/FILTER FRAME, FILTER AND ROUND NECK ADAPTER.	NAILOR 51FE OR EQUAL

MECHANICAL 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 SCHEDULE		
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 NEVADA.
 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.

Air intakes shall close automatically and be located min of 10ft from vents, chimneys or plumbing vents



RETURN AIR W/ OA CONNECTION

Provide make up Air

Bedrooms 4+1=5x5=25 CFM
Livable Area 371.6sqftx 0.06=222.96 CFM
Grand Total = 247.96 CFM

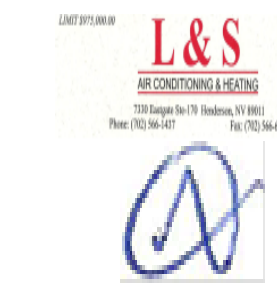
REVISIONS

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NAME: ASSURED DEVELOPMENT
PHONE: (702) 868-0900
MAILING ADDRESS: PO BOX 530778 HENDERSON NV 89053

SITE ADDRESS: 1016 ATHENS AVE. HENDERSON, NV. 89002
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

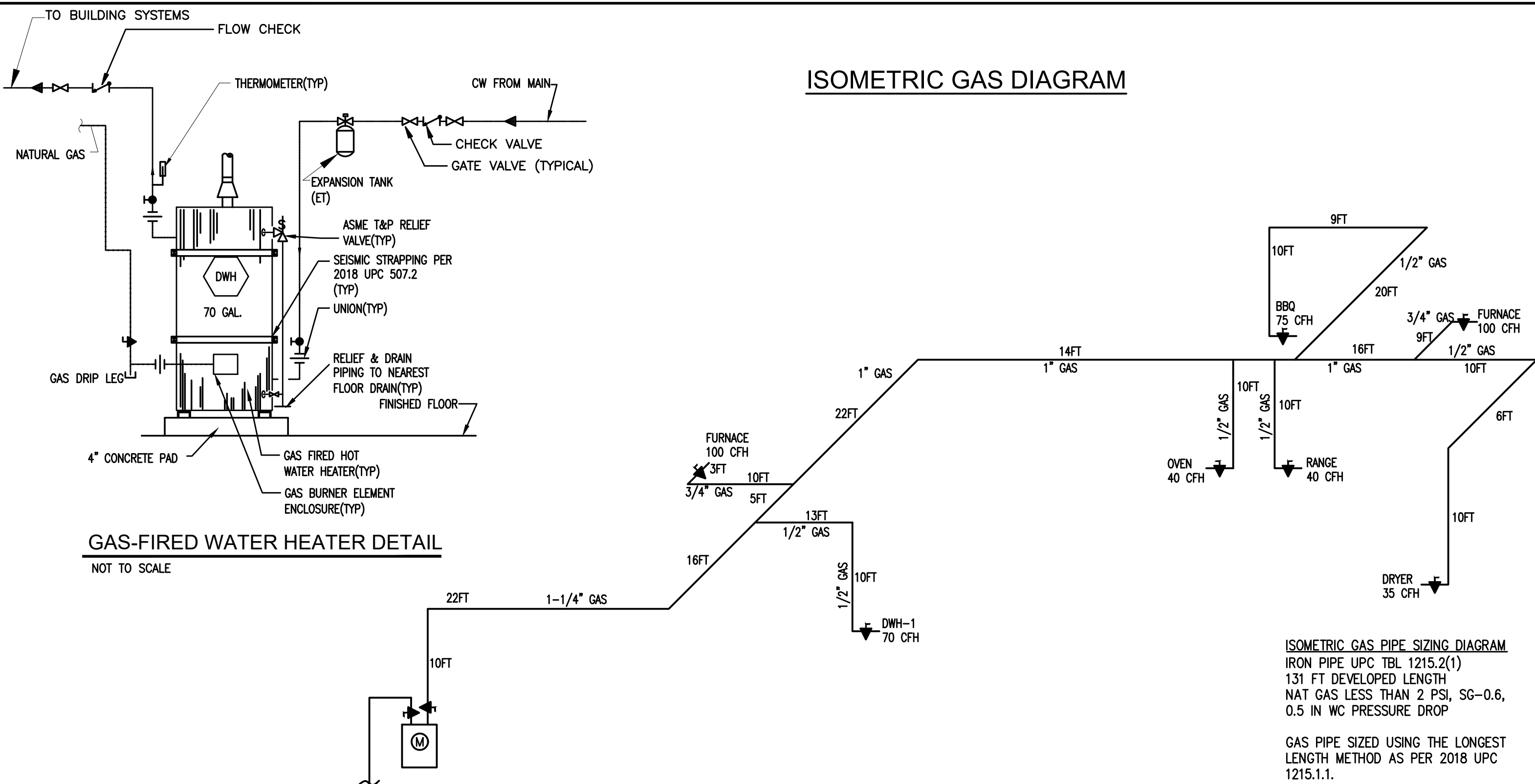
FIXTURE UNITS APPENDIX C (2018)
1.6 GPF GRAVITY TANK WC

WSFU (TABLE C4.1)			
FIXTURE	UNITS	QTY	TOTAL
3 BATHROOMS	9	1	9
ADD 1/2 BATH	0.5	1	0.5
BT	3	1	3
SH	2	2	4
KITI GROUP	2	1	2
LAU GROUP	5	1	5
HOSE BIBBS	2.5/1	3	8.5
UTILITY SINK	1	1	1
TOTALS	11	33	

DFU(TABLE C4.1(1))			
FIXTURE	UNITS	QTY	TOTAL
3 BATHROOMS	9	1	9
ADD 1/2 BATH	0.5	1	0.5
BT	3	1	3
SH	2	2	4
KS/DW	3	1	3
LAU GROUP	2	1	2
UTILITY SINK	1	1	1
TOTALS	8	22.5	

METER & PIPE SIZE-UPC 610.4

STREET WATER PRESSURE	MAX LENGTH	# FIXTURES	METER/SUPPLY
80	150	33	3/4IN



PLUMBING GENERAL NOTES

- 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.
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE 2018 IPC PLUMBING CODE AND THE LATEST EDITION OF THE APPLICABLE INTERNATIONAL RESIDENTIAL CODOS, MECHANICAL CODES, AND FEDERAL, STATE, AND LOCAL REGULATIONS.
- 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 OPERATION.
- CONTRACTOR SHALL
 - PROVIDE PRESSURE REGULATOR AND STRAINER, NOT TO EXCEED 80 PSI
 - PROVIDE A MEANS FOR HW EXPANSION WHEN ANY DEVICE IS INSTALLED PROHIBITING EXPANSION THRU BLDGS. SUPPLY, UPC 608.3 SIZE
- BE RESPONSIBLE TO VERIFY THAT WATER PRESSURE AND METER STATED ON PLANS ARE THE MINIMUMS AVAILABLE IN FIELD.
- 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
- DOMESTIC WATER PIPING
 - 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
 - ABOVE GROUND: PEX PIPING AND FITTINGS PER SCHEDULE
 - BELOW SLAB: PEX PIPING AND FITTINGS PER SCHEDULE
- SANITARY WASTE AND VENT PIPING
 - ABS (IAMPO 15 11-2003) OR PVC (IAMPO 15-9-2003) PAINT WITH LATEX PAINT WHERE EXPOSED.
- CONDENSATE DRAIN PIPING
 - TYPE "M" (IAMPO 15 3-2003) WROUGHT FITTINGS PVC, OR A CODE APPROVED MATERIAL
- GAS PIPING
 - 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 3 FEET FROM THE EQUIPMENT BEING SERVED.
 - SUSPENDED PIPING SHALL BE SUPPORTED AT THE FOLLOWING INTERVALS; 6 FEET FOR 1/2", 8 FEET FOR 3/4" AND 1", 10 FEET FOR 1-1/4" AND LARGER
- PLUMBING FIXTURES
 - PROVIDE CP ANGLE STOPS TO FINISH PLUMBING FIXTURES
 - PROVIDE PRESSURE BALANCED MIXING VALVES AND 2.5 GAL/MIN MAX FLOW RATES AT ALL BATHTUBS AND SHOWERS, PER 2018 IECC
 - PROVIDE SHUTOFF VALVES WITH UNIONS TO ALL OTHER PLUMBING FIXTURES (IE: WATER HEATER) TO FACILITATE ISOLATION FOR REPAIR
 - ALL PLUMBING FIXTURES SHALL COMPLY WITH LOCAL AUTHORITIES CURRENT WATER CONSERVATION CODES.

PLUMBING MATERIALS SCHEDULE

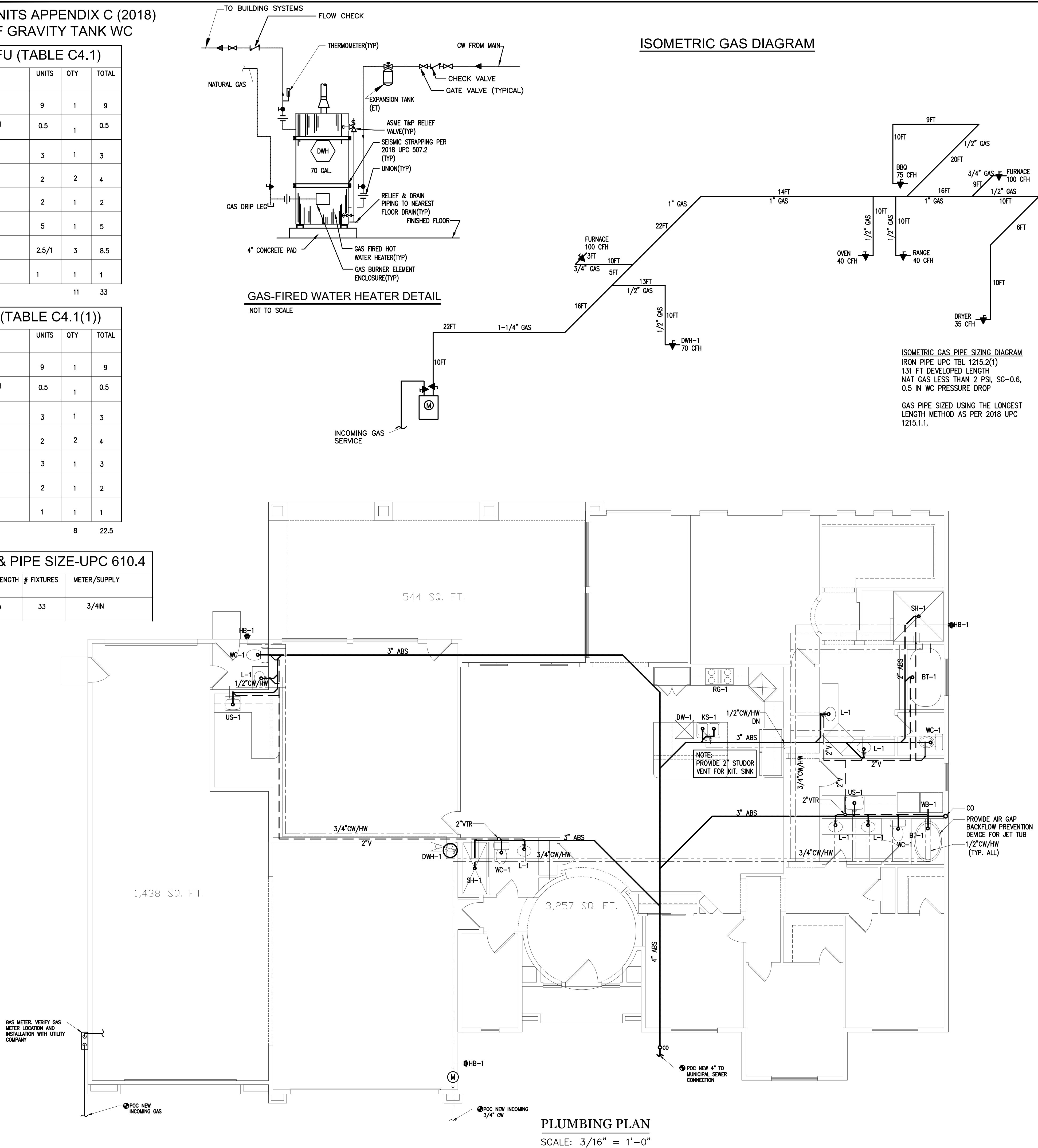
SYSTEM	LOCATION	SIZE	MATERIAL	JOINTS	FITTINGS
SOIL, WASTE, VENT	BELOW GRADE	ALL	SCHED. 40 PVC OR ABS	SOLVENT WELD	MATCH PIPE
SOIL, WASTE, VENT	ABOVE GRADE	ALL	SCHED. 40 PVC OR ABS	SOLVENT WELD	MATCH PIPE
DOMESTIC WATER	BELOW GRADE	ALL	PEX TUBING	ENGINEERED PLASTIC	PRO PEX
DOMESTIC WATER	ABOVE GRADE	ALL	PEX TUBING	ENGINEERED PLASTIC	PRO PEX
GAS	ABOVE GRADE	ALL	FLEX STEEL TUBING	BRASS	BRASS

PLUMBING EQUIPMENT SCHEDULE

TAG	EQUIPMENT DESCRIPTION
DWH-1	DOMESTIC WATER HEATER, RHEEM MODEL RHGP70S-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

PLUMBING MATERIALS SCHEDULE

TAG	SIZE IN INCHES				REMARKS
	SOIL	VENT	CW	HW	
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"	2"	1/2"	1/2"	SINK AS SELECTED BY OWNER, ANGLE STOPS, P-TRAP
KS-3 KITCHEN SINK	2"	2"	1/2"	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 DISHWASHER	-	-	1/2"	-	DISHWASHER AS SELECTED BY OWNER, SAN & VENT ROUTED THROUGH KS-1



REVISIONS

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NAME: ASSURED DEVELOPMENT
SITE ADDRESS: 1016 ATHENS AVE.
HENNDERSON, NV. 89002
PARCEL # 160-33-801-018
PHONE: (702) 868-0900
MAILING ADDRESS: PO BOX 530778
HENNDERSON NV 89053



RAPTOR PLUMBING LLC
These plans are prepared and submitted by the contractor as an exemption to NRS 623.330 for work under the contractor's license category authorized under NRS 624
RAPTOR PLUMBING
Company Name
0076793
Contractor License Number
Mark Janner
Contractor Representative
(please print)
Signature

PLUMBING PLAN

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

P1.0

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