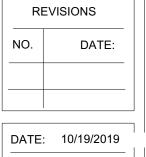
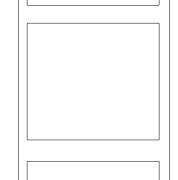
# A RESIDENTIAL ADDITION FOR 1673 FAIRWAY HILL DRIVE DECATUR, GA

## **SCOPE OF WORK**

\*BEDROOMS,BATHROOMS,LAUNDRY, UTILITY, AND CLOSET ADDITION TO REAR OF HOUSE \*ROOF/CEILING ADDITION AND FOUNDATION TO SUPPORT ADDITION



CHECKED BY:
ALW
TITLE:



ADVANCE DRAFTING SOLUTIONS
BUILDERS DESIGNERS CONSULTANTS
795 HAMMOND DRIVE
SANDY SPRINGS, GA 30328
PHONE: 404/710-6997

DILLARD CONSTRUCTION
RELEASED FOR CONSTRUCTION

PROJECT DESCRIPTION & LOCATION
1673 FAIRWAY HILL DRIVE
DECATUR, GA

DESCRIPTION

COVER SHEET

SHEET NUMBER

1



# **DRAWING INDEX**

PAGE 2 - GENERAL NOTES

PAGE 3 - EXISTING FLOOR PLAN

PAGE 4 - PROPOSED ADDITION SECTION

PAGE 5 - PROPOSED FOUNDATION/FLOOR FRAMING

PAGE 6 - PROPOSED ROOF FRAMING

PAGE 7 - PROPOSED CEILING/ROOF FRAMING

PAGE 8 - FRONT AND REAR ELEVATIONS

PAGE 9 - LEFT AND RIGHT ELEVATIONS

# **VICINITY MAP**



## APPLICABLE CODES

(IRC) INTERNATIONAL RESIDENTIAL CODE, 2012 EDITION, WITH GEORGIA AMENDMENTS(2015) (2014 PRESCRIPTIVE DECK DETAILS)

(IFC) INTERNATIONAL FIRE CODE, 2012 EDITION WITH GEORGIA AMENDMENTS (IFGC) INTERNATIONAL FUEL GAS CODE, 2012 EDITION WITH GEORGIA **AMENDMENTS** 

(IMC) INTERNATIONAL MECHANICAL CODE, 2012 EDITION WITH GEORGIA **AMENDMENTS** 

(IPC) INTERNATIONAL PLUMBING CODE, 2012 EDITION WITH GEORGIA AMENDMENTS (IECC) INTERNATIONAL ENERGY CONSERVATION CODE, 2009 EDITION

WITH GEORGIA SUPPLEMENTS AND AMENDMENTS (2011) (2012)

(NEC) NATIONAL ELECTRICAL CODE, 2017 EDITION WITH NO AMENDMENTS

(NFPA) NATIONAL FIRE PROTECTION ASSOCIATION

101 LIFE SAFETY CODE, 2012 EDITION WITH GEORGIA AMENDMENTS RULES AND REGULATION OF SAFETY FIRE COMMISSIONER FOR STATE MINIMUM FIRE SAFETY STANDARD, CHAPTER 120-2-2 JANUARY 15, 2015 (GEORGIA SAFETY FIRE LAW)

GEORGIA STATE HANDICAPPED ACCESSIBILITY LAW 120-3-20A / 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN

## **GENERAL NOTES:**

1. ALL WORK IS TO COMPLY WITH THE LATEST ADOPTED VERSION OF THE SOUTHERN BUILDING CODE AND ANY APPICABLE STATE, COUNTY OR CITY CODE REQUIREMENTS.

2. WRITTEN DIMENSIONS HAVE PRECEDENCE OVER SCALED DIMENSIONS. DO NOT SCALE THE DRAWINGS.

3. DESIGN LOADS: ROOF 25 PSF (LIVE LOAD) **FLOORS** 40 PSF

100 PSF STAIRS

50 PSF (3000# PT) **GARAGE FLOOR** 60 PSF DECKS

4. INSULATION: (CHECK YOUR LOCAL CODE

REQUIREMENTS) ROOF (VAULTED) R-30 R-38 ROOF (FLAT) R-21 WALLS (EXTERIOR) R-25 FLOORS (OVER UNHEARTED SPACE) R-21 BASEMENT WALLS (W/1 12" OF GRADE) R-1- TO R-15 SLAB ON GRADE

R-8 FURNACE DUCTS (UNHEATED SPACE) CANTILEVERED FLOOR & FLOOR OVER R-25

5. ALL EXPOSED INSULATION IS TO HAVE A FLAME SPREAD RATING OF LESS THAN 25 AND A SMOKE DENSITY OF LESS THAN 450.

6. PROVIDE INSULATION

BAFFLES AT EAVE VENTS.

7. 5/8" TYPE X SHEETROCK INSIDE GARAGE @ HOUSE FOR FIRE CODE REQUIREMENT.

8. PROVIDE 1 FT SQUARED NET FREE AREA OF VENT FOR EACH 150 FT SQUARED OF CRAWL SPACE FLOOR.

## **LEGEND**

RECESSED INCANDESCANT

RECESSED DIRECTIONAL **INCANDESCENT FIXTURE** 

WALL MOUNTED **INCANDESCENT** 

> SURFACE MOUNTED INCANDESCENT

SURFACE MOUNTED **FLUORESCENT** 

FAN/LITE COMBINATION

RECESSED EXHAUST FAN **VENTED TO THE EXTERIOR** 

**CEILING FAN** 

"CASABLANCA" TYPE

**DUPLEX OUTLET** 

QUADRUPLEX OUTLET



**TELEVISION OUTLET** 

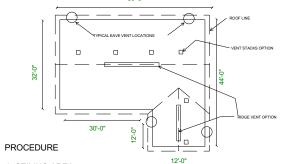
110 V. SMOKE DETECTOR INTERCONNECT W/ ALL THE **DETECTORS IN HOUSE** 

CONNECTION (ELECTRICAL)

INSULATION AS REQUIRED BY LOCAL CODE.

LIGHT SWITCH

#### **ROOF VENTILATION**



1. CEILING AREA EXAMPLE: (32x50) + (12x20) = 1840 sf

144 sq. in. PER sq. ft

2. VENT AREA REQUIRED EXAMPLE: 1 sf VENT PER 300 sf CEILING AREA 1840 sf CEILING AREA = 6 sf TOTAL VENT AREA REQUIRED

3. DISTRIBUTE VENTS EXAMPLE: 50% (3sf) AT RIDGE 50% (3sf) AT EAVE 4. NUMBER OF VENTS:

EAVE VENTS 3sf REQUIRED AREA = 3-4 VENTS

0.8 sf NET FREE AREA PER VENT RIDGE VENTS 3sf REQUIRED AREA = 5 VENTS

0.6 sf NET FREE AREA PER VENT -OR-CONTINUOUS RIDGE VENT = 0.125 sq.ft. PER lin. ft. 15 sq. in. PER lin. ft.

3sf REQUIRED AREA = 24 LIN. FT.

NOTE: VENT RATIO MUST BE INCREASED TO 1/150 IF VENTS ARE ALL ON ONE LEVEL. TYPICAL TURTLE VENT SIZE 44 sq. in.

#### **FOUNDATION NOTES:**

1. FOOTINGS ARE TO BEAR ON UNDISTURBED LEVEL SOIL DEVOID OF ANY ORGANIC MATERIALS AND STEPPED AS REQUIRED TO MAINTAIN THE REQUIRED DEPTH BELOW THE FINAL GRAGE.

2. IF GEOTECHNICAL SUBSURFACE INVESTIGATION NOT PERFORMED AND RECOMMENDATIONS NOT PROVIDED FOR SOIL CAPACITY, SOIL BEARING PRESSURE SHALL BE ASSUMED TO BE 2500 PSF. CONTRACTOR SHALL VERIFY CAPACITY

3. ANY FILL UNDER GRADE SUPPORTED SLABS TO BE A MINIMUM OF 4" GRANULAR MATERIAL COMPACTED TO 95%. 4. CONCRETE:

- BASEMENT WALLS & FOUNDATIONS NOT **EXPOSED TO WEATHER:** 

3000 PSI -BASEMENT & INTERIOR SLABS ON GRADE: -BASEMENT WALLS & FOUNDATIONS EXPOSED TO 3000 PSI THE WEATHER:

5. CONCRETE SLABS TO HAVE CONTROL JOINTS AT 25' ( MAXIMUM) INTERVALS EACH

6. CONCRETE SIDEWALKS TO HAVE TOOLED JOINTS AT 5' O.C. (MINIMUM) 7. REINFORCED STEEL TO BE A-615 GRADE 40. WELDED WIRE MESH TO BE A-

8. EXCAVATE THE SITE TO PROVIDE A MINIMUM OF 18"

CLEARANCE UNDER ALL GIRDERS. 9. COVER ENTIRE CRAWLSPACE WITH 6 MIL BLACK "VISQUEEN" AND EXTEND UP FDTN. WALLS TO P.T. MUDSILL

10. PROVIDE A MINIMUM OF 1 SQ. FT. OF VENTILATION AREA FOR EACH 150 SQ.FT. OF CRAWLSPACE AREA. VENTS ARE TO BE CLOSABLE WITH OPENINGS IN CORROSIVE RESISTANT SCREEN. POST NOTICE RE: OPENING VENTS ARE THE ELECTRICAL PANEL

11. ALL WOOD IN CONTACT WITH CONCRETE TO BE PRESSURE TREATED OR PROTECTED WITH 55# ROLL ROOFING.

12. BEAM POCKETS IN CONCRETE TO HAVE 1/2" AIRSPACE AT SIDES AND ENDS WITH A MINIMUM BEARING OF 3". 13. PROVIDE CRAWLSPACE DRAIN AS PER 200 Edition of The

14. WATERPROOF BASEMENT WALLS BEFORE BACKFILLING PROVIDING A 4"

PERFORATED DRAIN TILE BELOW THE TOP OF THE FOOTING.

15. BACKFILL FORMS, SHORING AND POURING METHODS MUST CONFORM TO UP TO DATE A.C.I STANDARDS. 16. DAY STRENGTH AND NOT BEFORE STRUCTURAL FLOOR FRAMING (INCLUDING SUB-

FLOOR) IS IN PLACE. (FRAMING MUST BE FULLY NAILED AND ANCHORED) 17. ALL CONCRETE IN FOUNDATION SHALL DEVELOP A MIN. COMPRESSION STRENGTH OF 3000 PSI IN 28 DAYS.

18. SINGLE STORY AND TWO STORY STRUCTURES SHALL HAVE A FOOTING 18" BELOW THE FINISHED GRADE LINE. A THREE STORY STRUCTURE SHALL HAVE A FOOTING AT 24" BELOW FINISHED GRADE

## FRAMING NOTES

1. ALL EXIERIOR WALL OPENINGS & BEARING WALL OPENINGS TO HAVE 2-2X12 HEADERS UNLESS OTHERWISE INDICATED.

2. JOISTS THAT ARE ATTACHED TO FLUSH BEAMS ARE TO BE HUNG WITH "SIMPSON" U-210 OR EQUIV.

3. PROVIDE DOUBLE JOISTS UNDER ALL PARALLEL PARTITIONS OVER PROVIDED FIREBLOCKING, DRAFTSTOPS & FIRESTOPS AS

4. HIP, VALLEY RAFTERS AND RIDGE BOARDS TO ALWAYS BE TWO (2X) SIZE LARGER THAN RAFTERS.

5. PROVIDE COLLAR TIES @ THE UPPER THIRD (!/3) OF VERTICAL DISTANCE BETWEEN RIDGE BOARD AND JOIST @ 4'-0" O.C.

6. DOUBLE FLOOR JOIST UNDER PARTITIONS PARALLEL TO JOIST SPAN

7. PROVIDE "X" BRIDGING @ 8'-0" O.C. MAXIMUM FOR JOIST

8. PROVIDE SOLID BLOCKING AT MID HEIGHT FOR ALL WALLS

9. ALL LUMBER IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE TREATED (P.T.)

10. ANCHOR BOLTS (A.B.) SHALL BE 1/2" X 8" @ 4' - 0" O.C. AND BE WITHIN 12" FROM THE END OF SILLS AND CORNERS PROVIDE MINIMUM OF TWO (2) BOLTS PER SILL EMBEDDED 5 1/2" INTO CONCRETE OR MASONRY.

11. PROVIDE RODENT AND INSECT PROOFING WHERE ALL PLUMBING, WIRING, AND VENTS PASS THROUGH PLATE AS PER

12. PROVIDE CONTINOUS 2" EAVE VENTS FOR ATTIC VENTILATION

#### 13. LUMBER SPECIES:

NO.2 SOUTHERN YELLOW PINE A. POST, BEAMS, HEADERS, JOISTS & RAFTERS.

B. BLOCKING, BRIDGING ETC. NO. 2 SOUTHERN YELLOW PINE NO. 2 SOUTHERN YELLOW PINE PRESSURE SILLS, PLATES TREATED (P.T.)

C. STUDS

D. POST & BEAM DECKING E. PLYWOOD SHEATHING

MULTIPLE JOISTS (UP TO 3)

\"CDX PLYWOOD, 32/16 OSB/APVD. EQUAL/PLYWOOD F. GLU-LAM BEAMS Fb-2400, DRY ADH

STUD GRADE D.F.

UTILITY GRADE D.F.

#### 5. NAIL SCHEDULE:

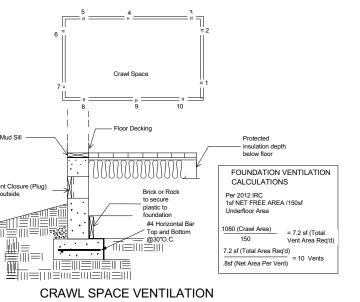
TOE NAIL 3-8d JOIST TO SILL OR GIRDER TOF NAII 2-8d **BRIDGING TO JOIST BLIND NAIL** 2-16d 2" SUBFLOOR TO GIRDER FACE NAIL 16d @ 16" SOLE PLATE TO LOIST END NAIL 2-16d TOP PLATE TO STUDS TOE NAIL OR 4-8d STUD TO SOLE PLATE END NAIL 2-16d **FACE NAIL** DOUBLE STUDS 16d @ 16" FACE NAIL DOUBLE TOP PLATE 16d @ 16" **EDGE NAIL** CONTINUOUS HEADER (2 PC.) 16d @ 16" TOE NAIL CLG. JST TO PL. 3-8d **FACE NAIL** CLG.JST LAP OVER PL 3-16d **FACE NAIL** CLG.JST. TO RAFTER 3-16d TOE NAIL RAFTER TO TOP PL. 3-8d **FACE NAIL BUILD-UP CORNER STUDS** 16d @ 24" **EDGE NAIL** PLYWOOD SUBFLOOR 8d @ 6" INTERIOR 8d @ 10" PLYWOOD & ROOF SHEATHING **EDGE NAIL** 8d @ 6" INTERIOR TOP PL. AT INTERSECTIONS 8d @ 12" FACE NAIL

2-16d

16d @ 15" MULTIPLE JOISTS (OVER 3) \"~BOLTS W/WASHERS 1X6 SPACED SHEATHING EA. SIDE @ 24" O.C.

FACE NAIL

STAGGER NAIL



**REVISIONS** NO. DATE:

DATE: 10/19/2019

**DRAWN BY** 

CVG

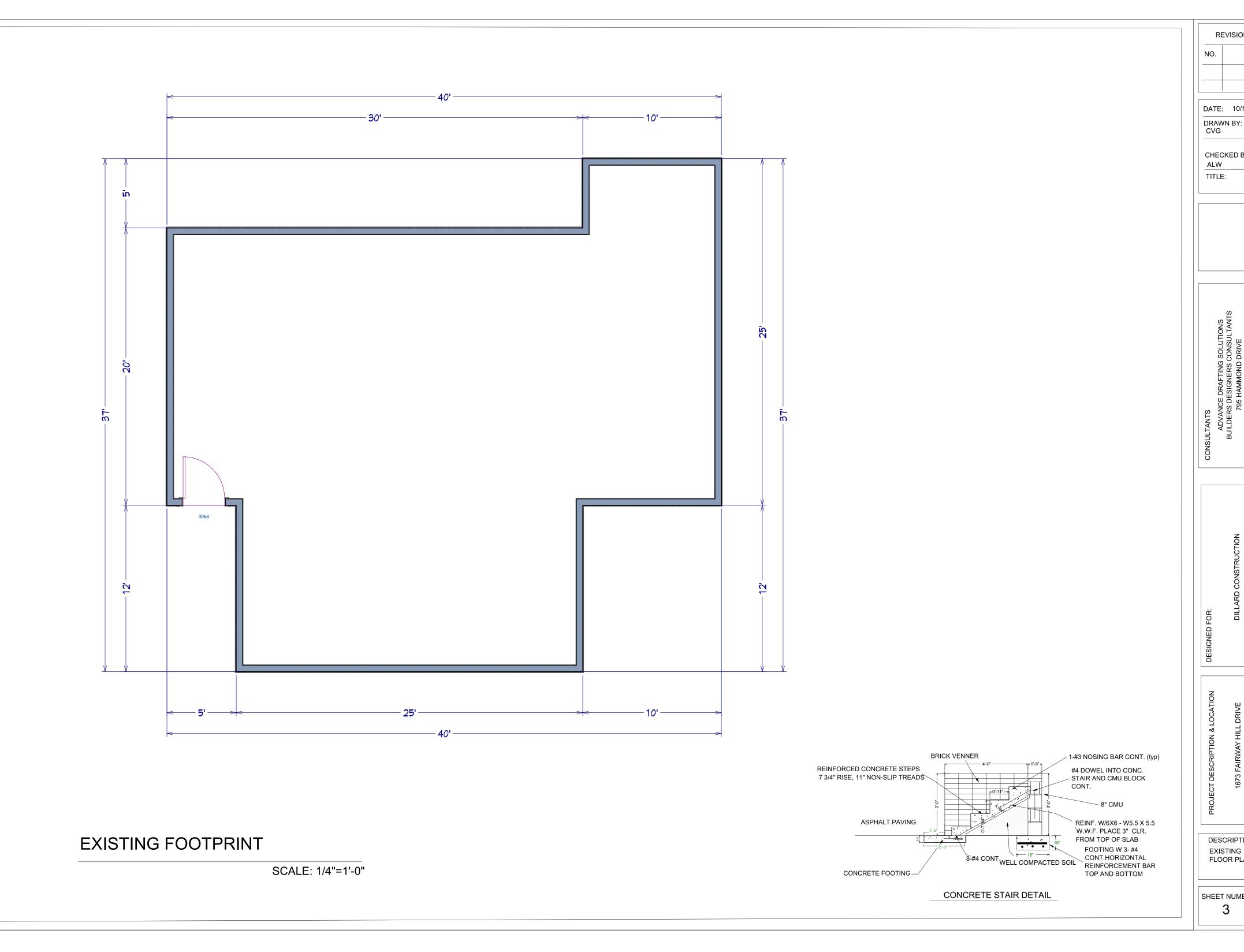
CHECKED BY:

ALW TITLE:

EASED FOR 띪

DESCRIPTION

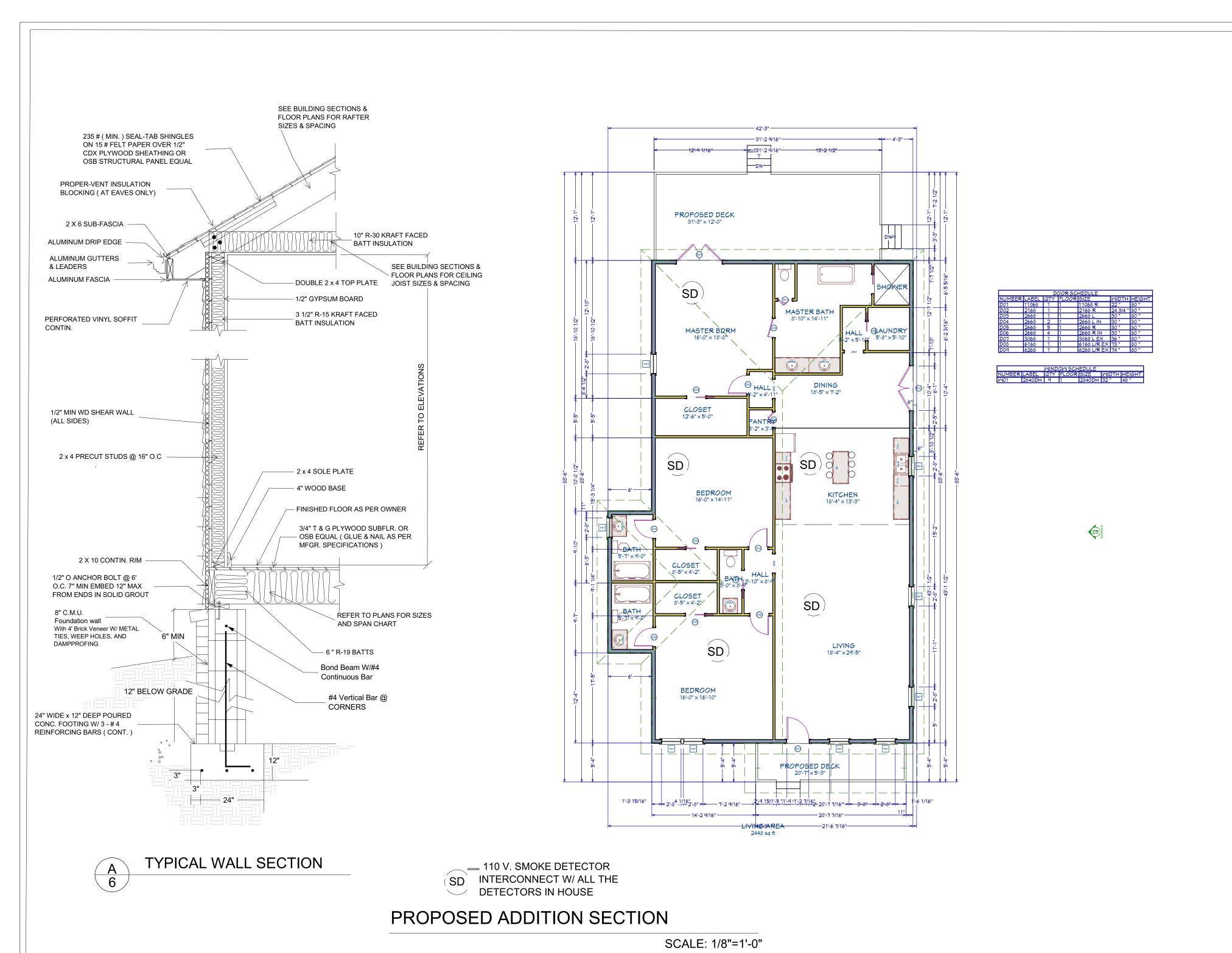
**GENERAL NOTES** 



DATE:

CHECKED BY:

DESCRIPTION EXISTING FLOOR PLAN



DATE: NO.

DATE: 10/19/2019

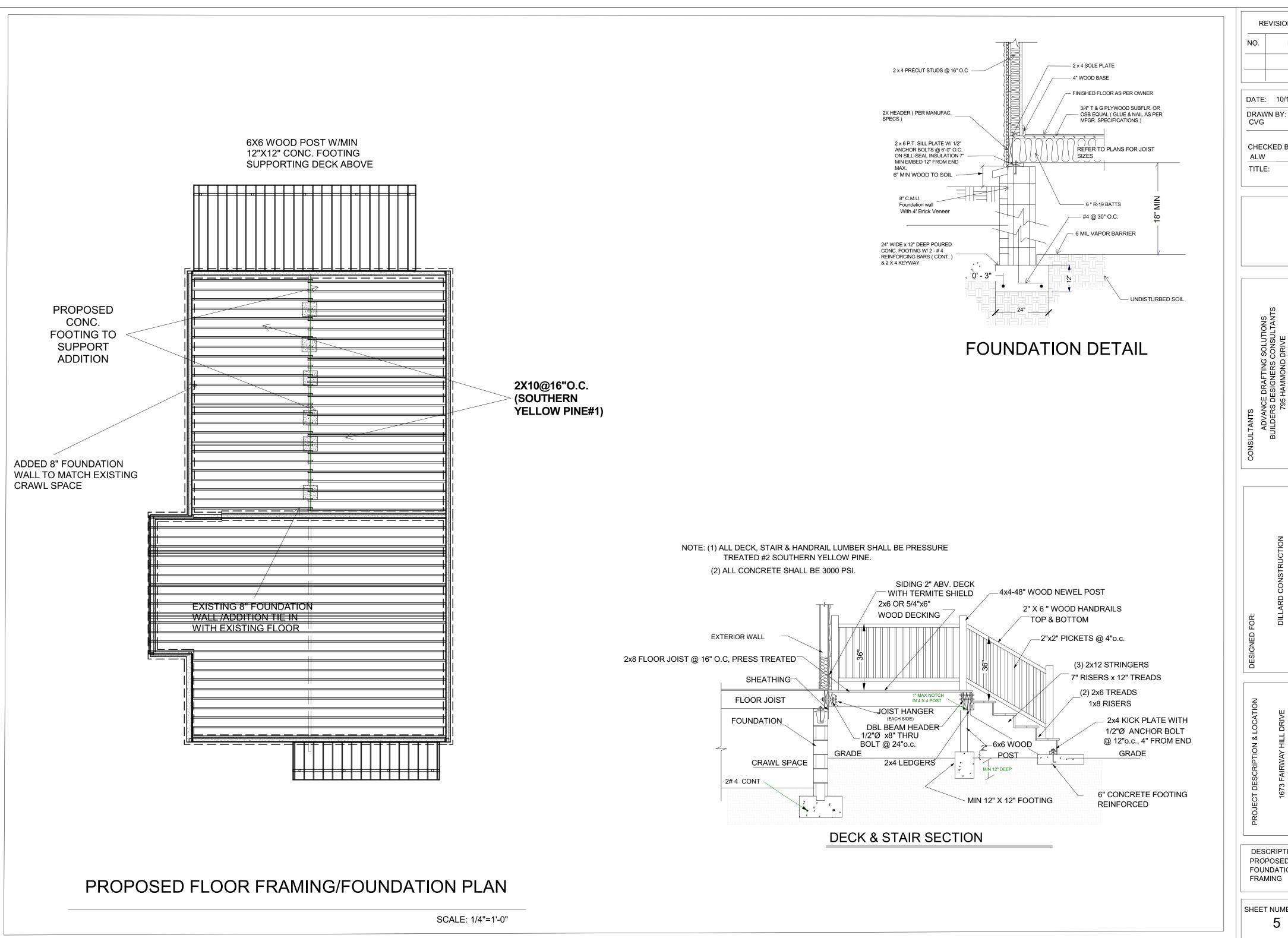
DRAWN BY: CVG

CHECKED BY:

ALW TITLE:

RELEASED FOR CONSTRUCTION

DESCRIPTION PROPOSED FLOOR PLAN

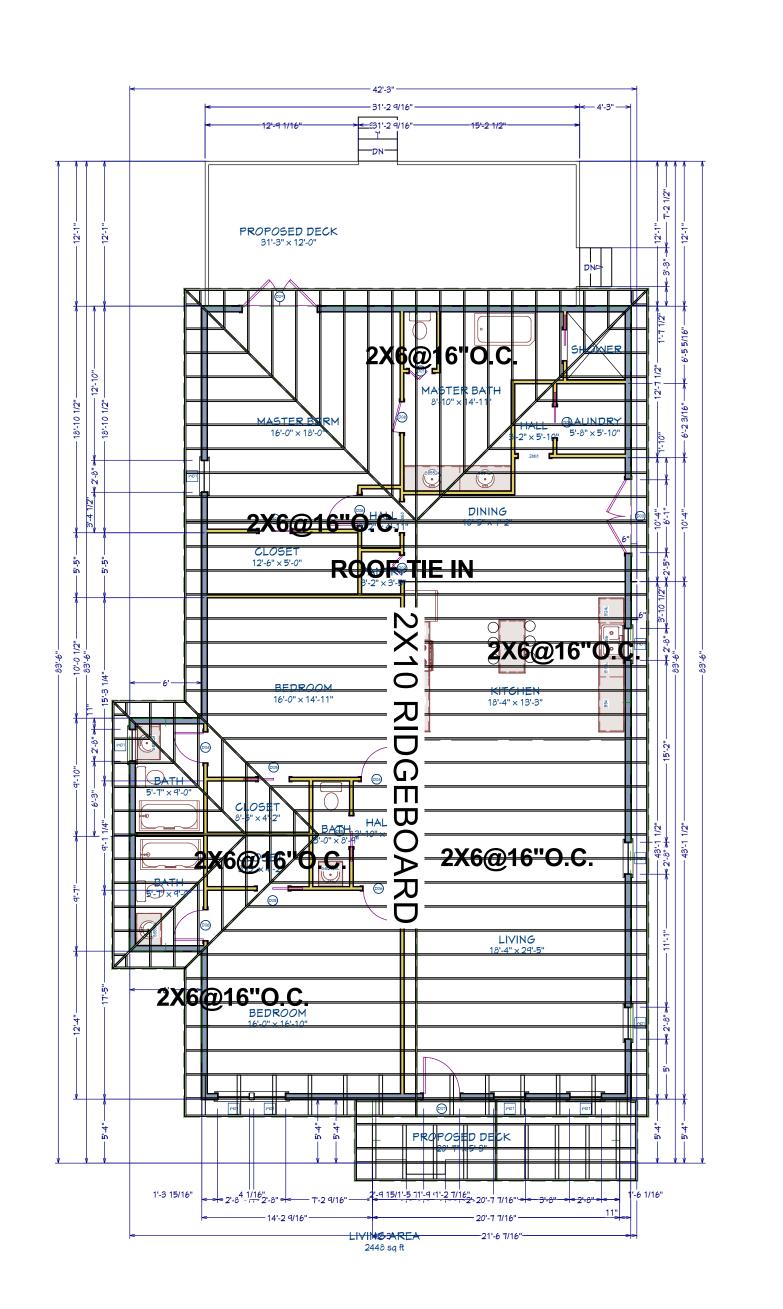


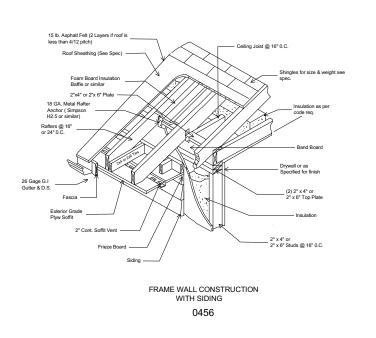
DATE:

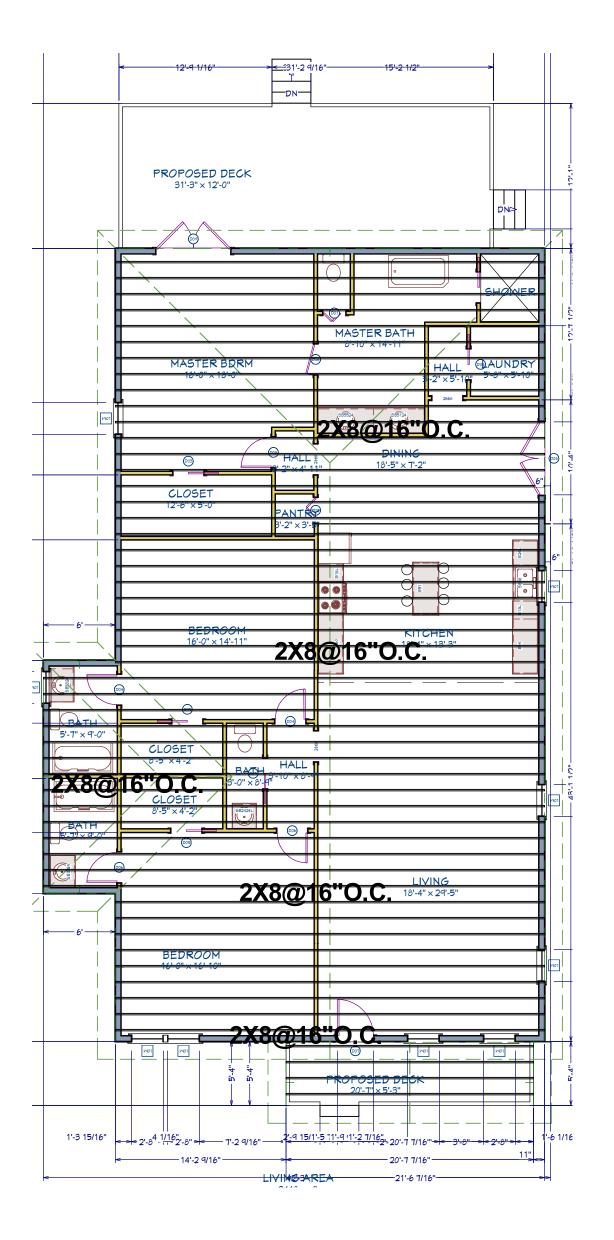
DATE: 10/19/2019

CHECKED BY:

DESCRIPTION PROPOSED FOUNDATION FRAMING







PROPOSED ROOF FRAMING PLAN

SCALE: 1/8"=1'-0"

PROPOSED CEILING FRAMING PLAN

SCALE:1/8"=1'-0"

R	EVISIONS	
NO.	DATE:	

DATE: 10/19/2019

DRAWN BY: CVG

CHECKED BY:

TITLE:

IONS LTANTS 28

ADVANCE DRAFTING SOLUTIONS
BUILDERS DESIGNERS CONSULTAN
795 HAMMOND DRIVE
SANDY SPRINGS, GA 30328
PHONE: 404/710-6997

DILLARD CONSTRUCTION
RELEASED FOR CONSTRUCTION

ROJECT DESCRIPTION & LOCATION
1673 FAIRWAY HILL DRIVE
DECATUR, GA

DESCRIPTION
ROOF
FRAMING
PLAN

SHEET NUMBER

6 NUM

## LOW OR HIGH SLOPE RAFTER SPANS WITH DRYWALL CEILING

20# LIVE LOAD (7 DURATIONS) 15# DEAD LOAD

DESIGN CRITERIA: STRENGTH - 15 LBS PER SQ. FT. DEAD LOAD PLUS 20 LBS PER SQ. FT. LIVE LOAD DEFLECTION - LIMITED TO SPAN IN INCHES DIVIDED BY 240 FOR LIVE LOAD ONLY

GROUP & SPECIES GRADE		2 x 6			2 x 8			2 x 10				2 x 1	2	
		12"	16"	24"	12"	16"	24"	12"	16"	24"	12"	16"	24"	
SOUTHERN YELLOW	1	15-9	14-4	12-6	20-10	18-11	16-5	26-6	23-11	19-6	32-3	28-6	23-3	
PINE (S.Y.P.)	2	15-6	13-11	11-5	20-5	18-0	14-8	24-10	21-6	17-6	29-1	25-2	20-7	
	3	12-6	10-10	8-10	15-10	16-3	13-3	18-9	16-3	13-3	32-4	19-4	15-9	
SPRUCE PINE	1	14-9	13-3	10-10	19-5	16-10	13-9	23-9	20-7	16-9	27-6	23-10	19-6	
FIR (S.P.F.)	2	14-9	13-3	10-10	19-5	16-10	13-9	23-9	20-7	16-9	27-6	23-10	19-6	
	3	11-7	10-1	8-2	14-8	12-9	10-5	17-11	15-7	12-8	20-10	18-0	14-9	

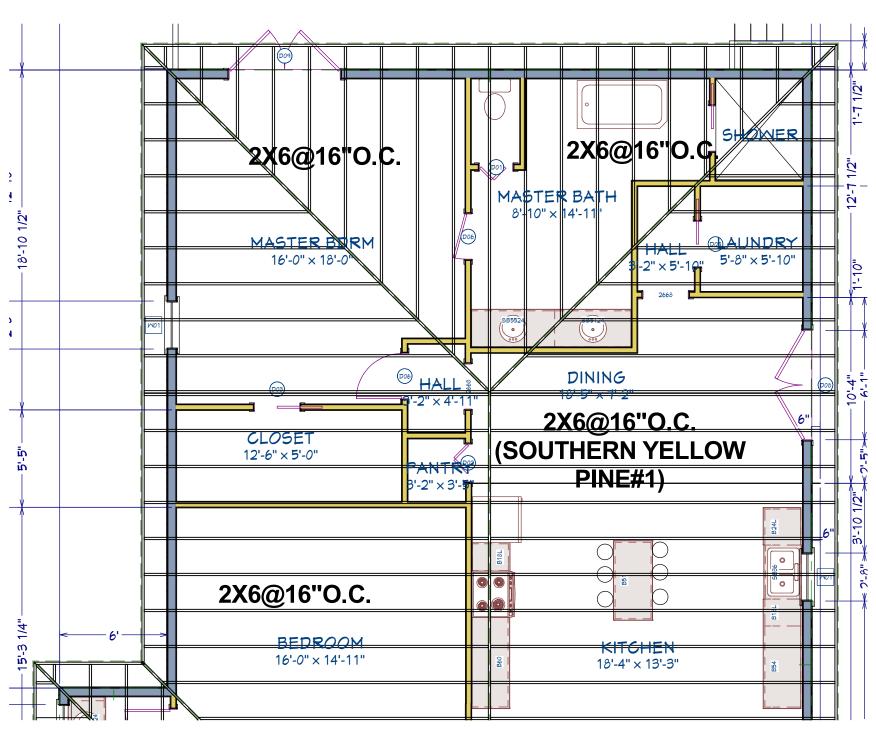
## **CEILING JOIST SPANS**

20# LIVE LOAD (LIMETED ATTIC STORAGE WHERE DEVLOPEMENT OF FUTURE ROOMS IS NOT POSSIBLE) 10# DEAD LOAD

**DESIGN CRITERIA:** 

STRENGTH - 10 LBS PER SQ. FT. DEAD LOAD PLUS 10 LBS PER SQ. FT. ATTIC STORAGE DEFLECTION - LIMITED TO SPAN IN INCHES DIVIDED BY 240 FOR LIVE LOAD ONLY

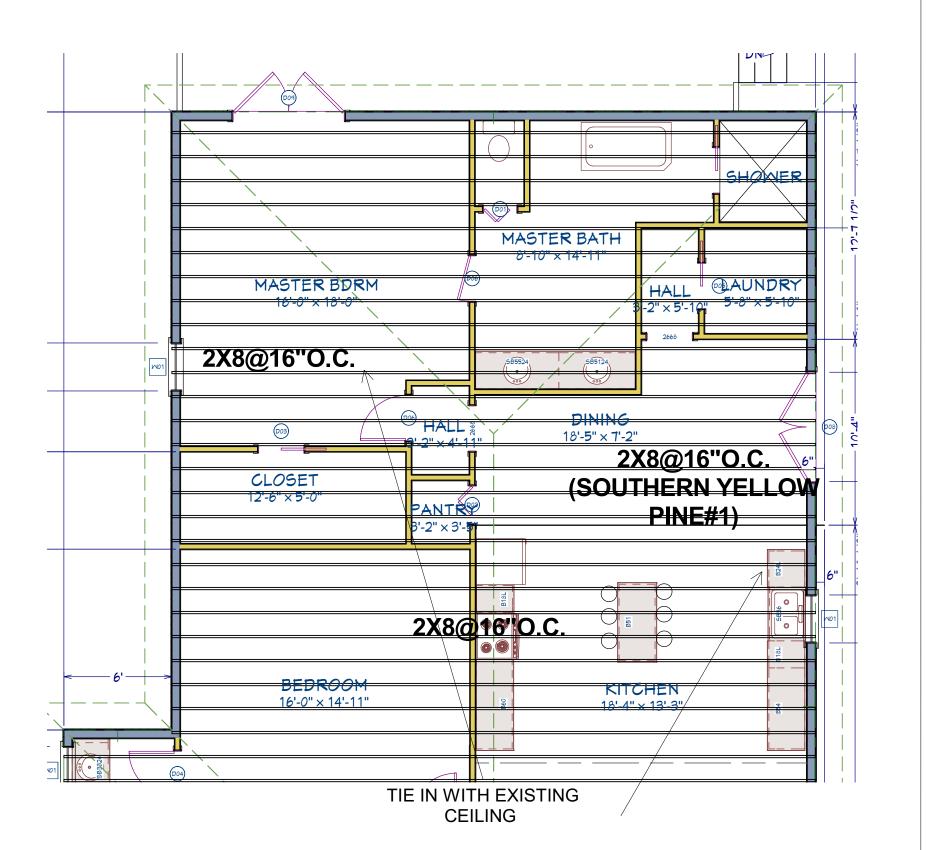
GROUP &		2 x 6			2 x 8			2 x 10				12	
SPECIES GRADE		12"	16"	24"	12"	16"	24"	12"	16"	24"	12"	16"	24"
SOUTHERN YELLOW PINE (S.Y.P.)	1	15-9	14-4	12-6	20-10	18-11	15-11	26-6	23-2	18-11	31-10	27-6	22-6
	2	15-6	13-6	11-0	20-1	17-5	14-2	24-0	20-9	17-0	28-1	24-4	19-10
	3	12-1	10-5	8-6	15-4	13-3	10-10	18-1	15-8	12-10	21-7	18-8	15-3
SPRUCE PINE FIR (S.P.F.)	1	14-9	12-10	10-6	18-9	16-3	13-3	22-11	19-10	16-3	26-7	23-0	18-10
	2	14-9	12-10	10-6	18-9	16-3	13-3	22-11	19-10	16-3	26-7	23-0	18-10
	3	11-2	9-8	7-11	14-2	12-4	10-0	17-4	15-0	12-3	20-1	17-5	14-3



TIE IN WITH EXISTING ROOF AT RIDGE

# PROPOSED ADDITION ROOF FRAMING PLAN

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



PROPOSED ADDITION CEILING FRAMING PLAN

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

REVISIONS									
NO.	DATE:								

DRAWN BY: CVG

CHECKED BY:

TITLE:

RELEASED FOR CONSTRUCTION

1673 FAIRWAY HILL I DECATUR, GA

**DESCRIPTION** PROPOSED CEILING/ ROOF **FRAMING** 



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



# PROPOSED REAR ELEVATION

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

REVISIONS							
NO.	DATE:						

DATE: 10/19/20<sup>-</sup>

DRAWN BY: CVG

CHECKED BY:

TITLE:

ADVANCE DRAFTING SOLUTIONS
ADVANCE DESIGNERS CONSULTANTS
795 HAMMOND DRIVE
SANDY SPRINGS, GA 30328
PHONE: 404/710-6997

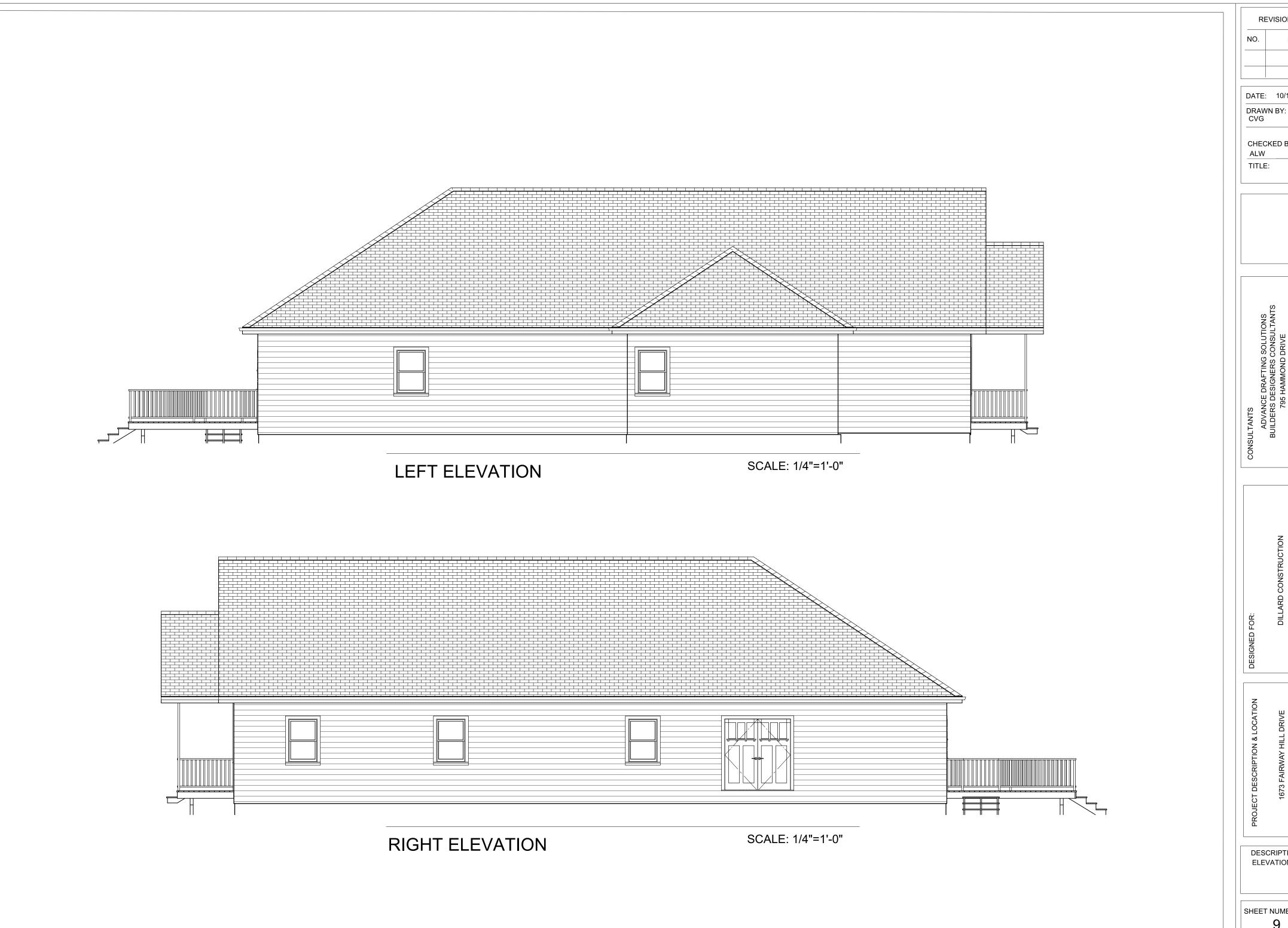
DILLARD CONSTRUCTION
ELEASED FOR CONSTRUCTION

3 FAIRWAY HILL DRIVE

DESCRIPTION ELEVATIONS

SHEET NUMBER

8 8



DATE:

CHECKED BY:

DESCRIPTION **ELEVATIONS**