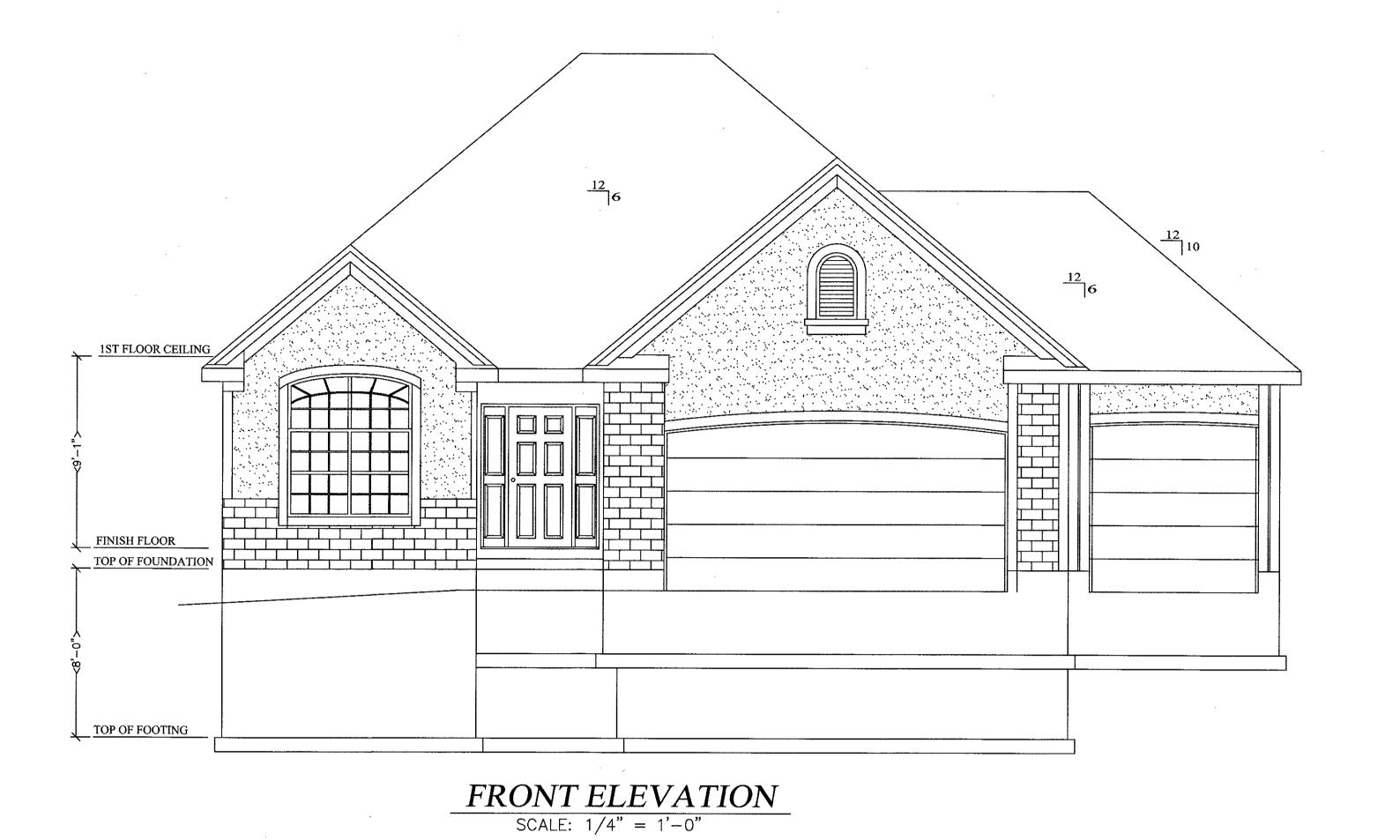
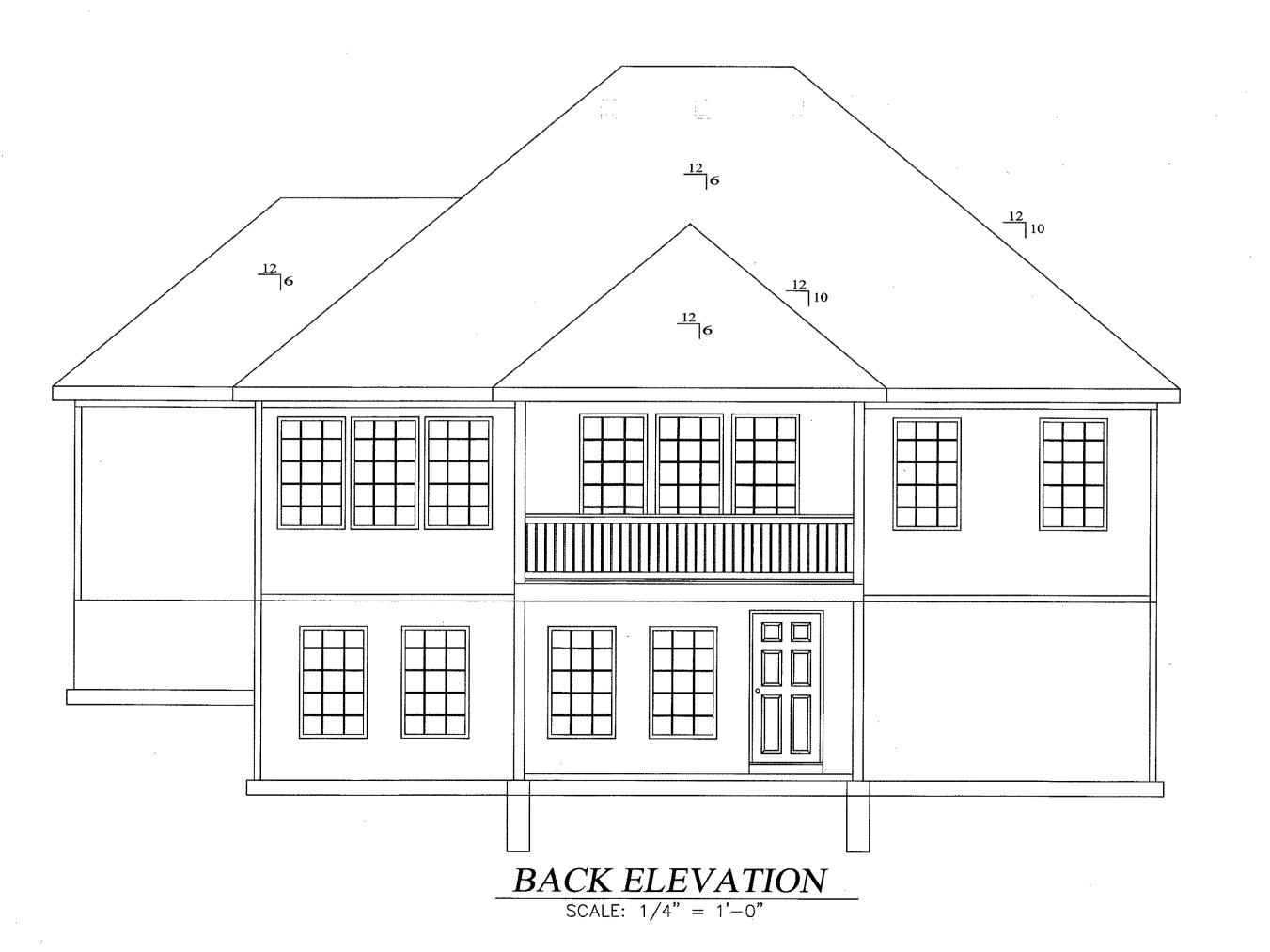
	1010	
COMP	NUMBER OF BATHROOMS	3.5
4	NUMBER OF STORIES	1
1	TOTAL LIVING AREA	2740
	COMP 4 1	COMP NUMBER OF BATHROOMS 4 NUMBER OF STORIES





DESCRIPTION:

MODEL: **NEEHAM** 

DATE: 8/26/20

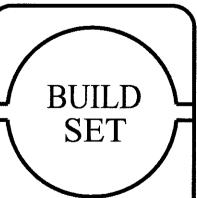
3113 SW BLUE RIBBON ST. LEE'S SUMMIT, MO 64082 SUMMIT VIEW FARMS LOT 53

ARCHITECT IS NOT RESPONSIBLE FOR THE STRUCTURAL ELEMENTS OF THESE PLANS. A STRUCTURAL ENGINEER MAY NEED TO VERIFY ALL STRUCTURAL ASPECTS OF THESE PRINTS BEFORE CONSTRUCTION BEGINS. FIELD CONDITIONS MAY BE DIFFERENT FROM PLAN. ALL STATE AND LOCAL CODES TAKE PRECIDENCE OVER THESE PLANS. CONTRACTOR WILL BE RESPONSIBLE FOR PLAN INTEGRITY AND CODE COMPLIANCE

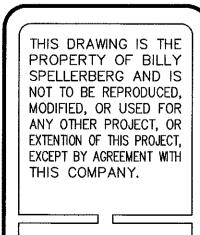
GOMP ROOF

SIDING NAILING

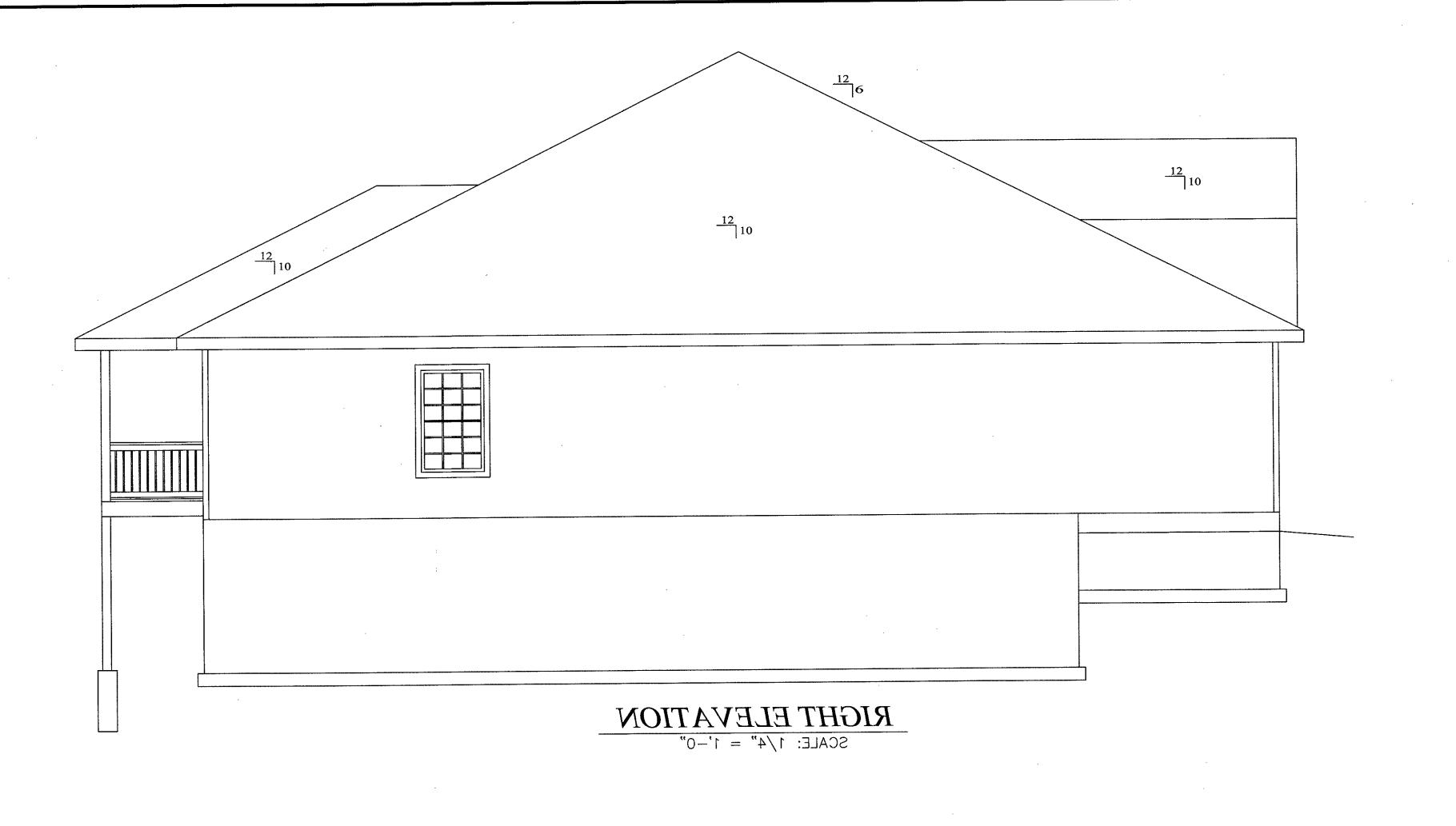
6/12 HAND DRIVES

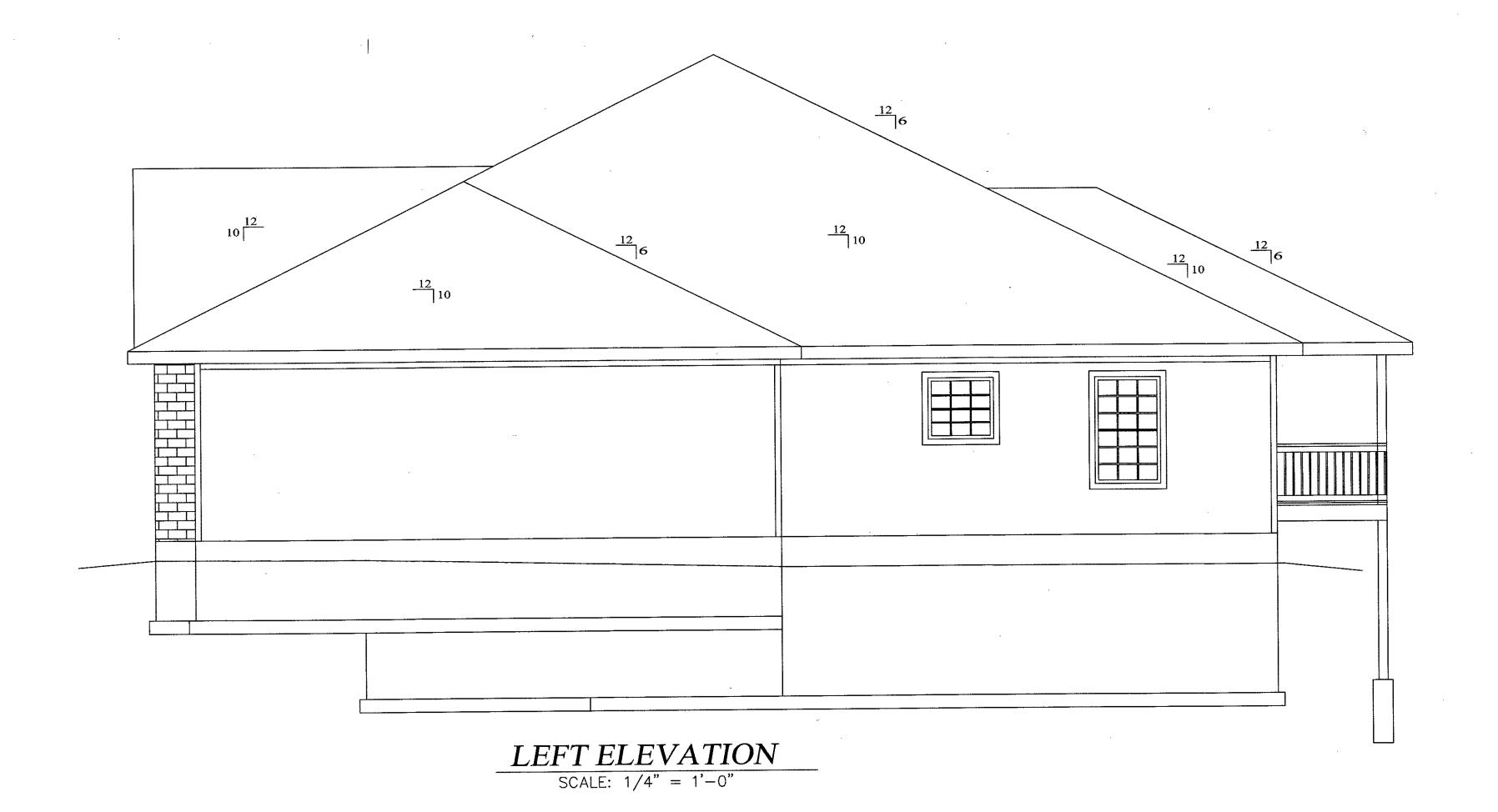


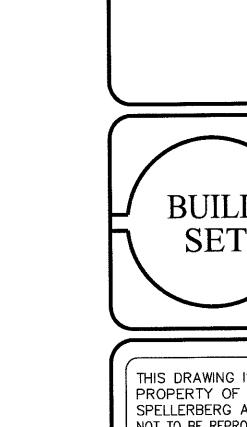




SHEET NO:







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KENNETH SIDOROWICZ NUMBER E-19986

DESCRIPTION:
ROOF PLAN

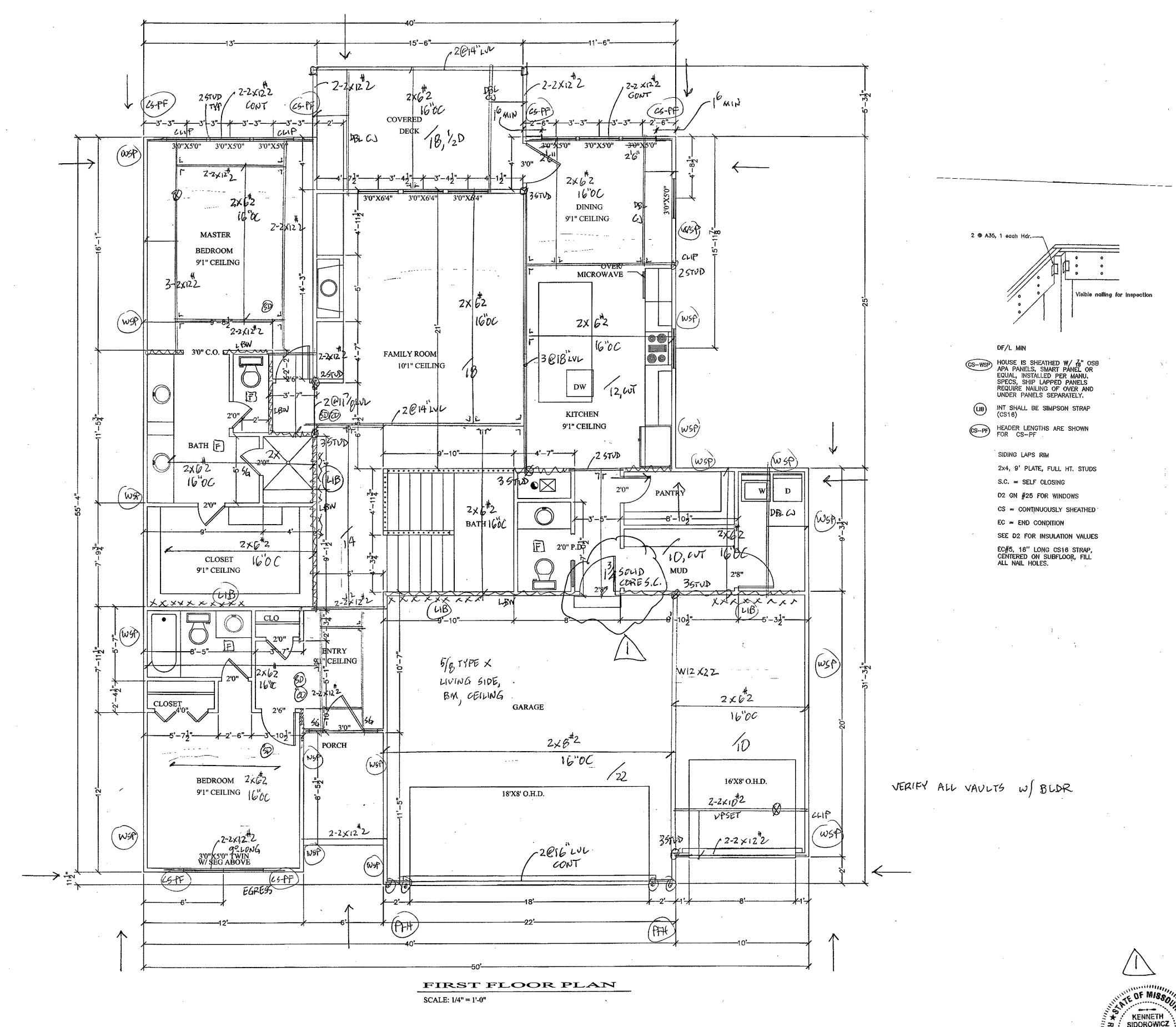
MODEL: NEEHAM

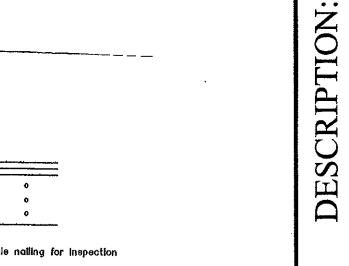
DATE: 8/26/20

3113 SW BLUE RIBBON ST. LEE'S SUMMIT, MO 64082

LEE'S SUMMIT, MO 64082 SUMMIT VIEW FARMS LOT 53

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MODEL:

**NEEHAM** 

DATE:

8/26/20

311**3 SW** BLUE RIBBON ST.

LEE'S SUMMIT, MO

64082 SUMMIT VIEW FARMS LOT 53

ARCHITECT IS NOT

RESPONSIBLE FOR THE STRUCTURAL ELEMENTS OF

THESE PLANS. A STRUCTURAL

ENGINEER MAY NEED TO VERIFY ALL STRUCTURAL ASPECTS

OF THESE PRINTS BEFORE

CONSTRUCTION BEGINS. FIELD CONDITIONS MAY BE DIFFERENT

FROM PLAN. ALL STATE AND

LOCAL CODES TAKE PRECIDENCE OVER

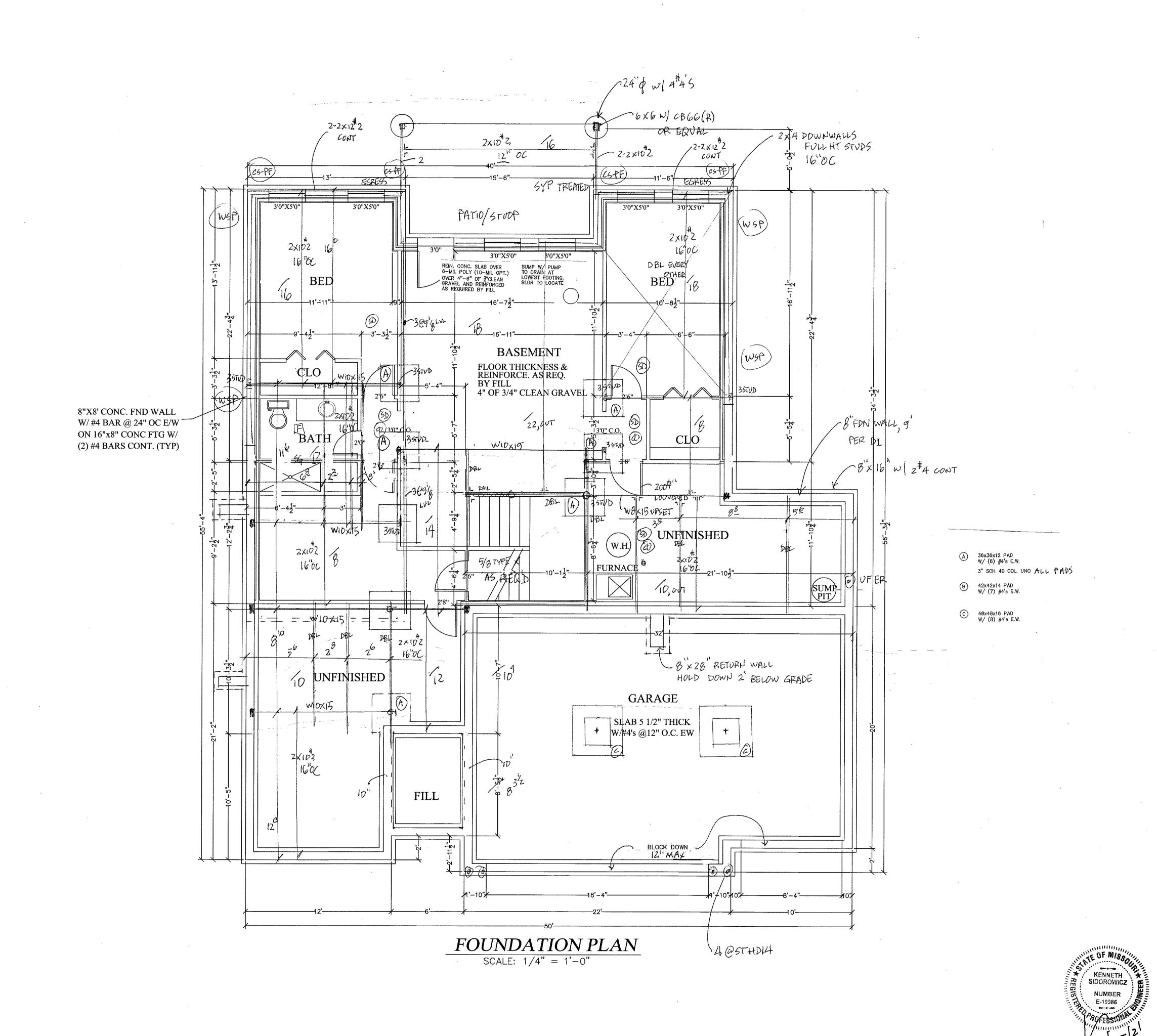
THESE PLANS. CONTRACTOR WILL BE RESPONSIBLE FOR PLAN INTECRITY AND CODE COMPLIANCE

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KENNETH SIDOROWICZ

NUMBER E-19986

SHEET NO:



DESCRIPTION:
FOUNDATION PLAN
BASEMENT FRAMING

MODEL: NEEHAM

DATE: 8/26/20

3113 SW BLUE RIBBON ST. LEE'S SUMMIT, MO 64082 SUMMIT VIEW FARMS LOT 53

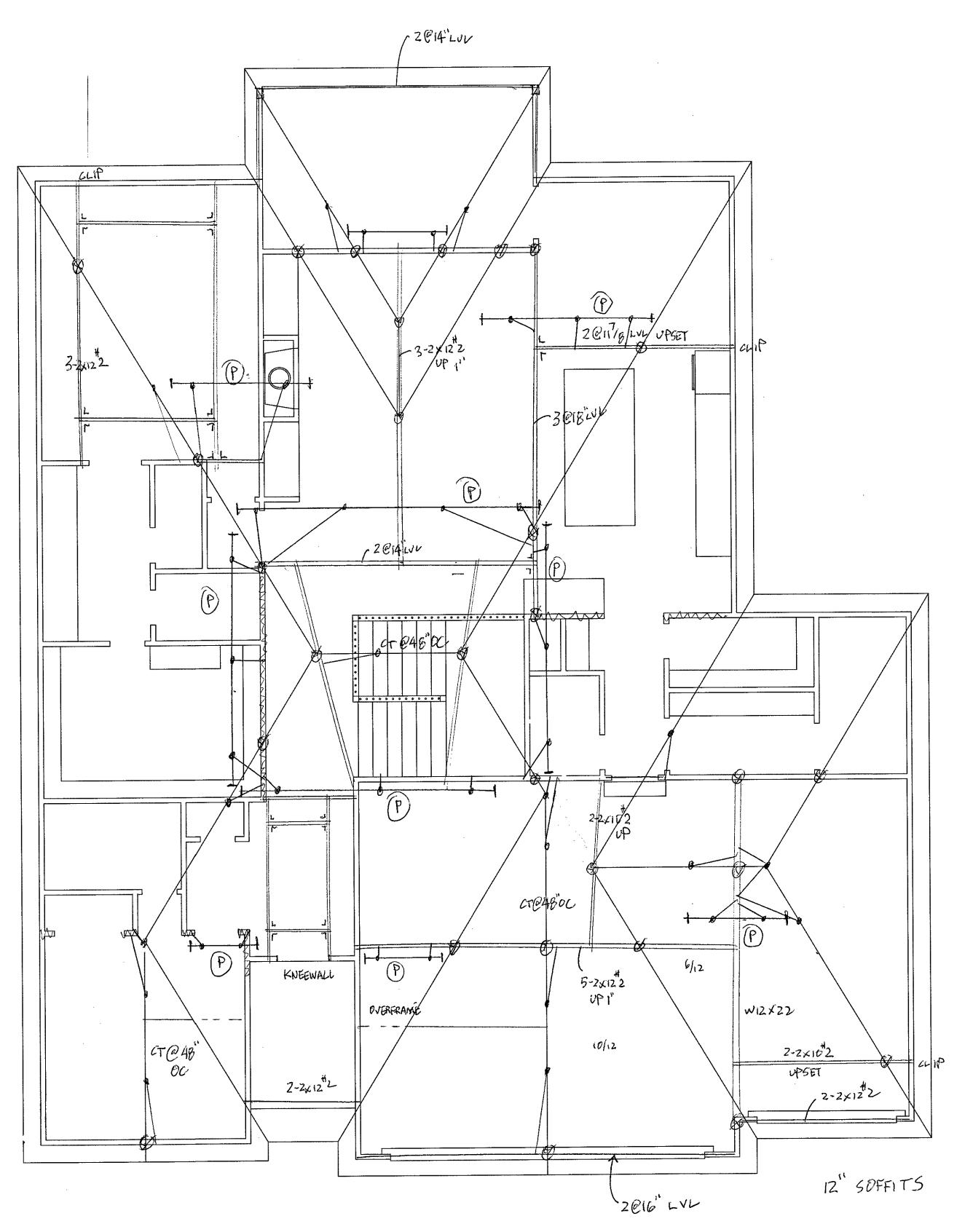
ARCHITECT IS NOT RESPONSIBLE FOR THE STRUCTURAL ELEMENTS OF THESE PLANS. A STRUCTURAL ENGINEER MAY NEED TO VERIFY ALL STRUCTURAL ASPECTS OF THESE PRINTS BEFORE CONSTRUCTION BEGINS. FIELD CONDITIONS MAY BE DIFFERENT FROM PLAN. ALL STATE AND LOCAL CODES TAKE PRECIDENCE OVER THESE PLANS. CONTRACTOR WILL BE RESPONSIBLE FOR PLAN INTEGRITY AND CODE COMPLIANCE

BUILD

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HFFT NO

SHEET NO:



ASPHALT SHIVELES -- 2/12 MIN.
WOOD SHINGLES/SHAVES -- 3/12 MIN.
CONCRETE TILES -- 26/12 MIN.
FLASH & COUNTERFLASH ALL ROOF PENETRATIONS
AND INTERSECTIONS

RAFTERS & CELLING JOSTS

COLLAR TIES AT UPPER THIRD POINT 48° OC 2 × 4 MIN
CELLING JOSTS ARE TURNED AS REQUIRED FOR RAFTER TIES

RIDGE/RAFTER HANGERS AND STRAPS AS RECTO OUTRIGGERS RECOD OF CABLE END SOFFITS FOR COMP ROOF W/ SOFFITS > 12' OUTRIGGERS RECOD OF CABLE END SOFFITS FOR TILE ROOF

ATTIC VENTILATION
VENT EACH ENCLOSED ATTIC SPACE
NET AREA OPENING = 1/450th OF VENTED AREA

UNLESS NOTED:
RAFTERS ARE 2 X 6 #2 DF/L @ 16' OC
MAX SPAN 11' +/
PROVIDE VERTICAL LOAD SUPPORT AT THE NOTED
LOAD POINTS FOR HPS VALLEYS PUBLISS & BROSES

PROVIDE VERTICAL LOAD SUPPORT AT THE NOTED
LOAD POINTS FOR HIPS, VALLEYS, PURLINS & RIDGES
LET-IN SUPPORT LEG TO PURLIN
ALL HPS, VALLEYS & ROGES ARE SIZED FOR
THE RAFTER DEPTH, PITCH AND LOAD; ALL 2XB UND

COMP TILE

PURLIN
LEG OC
2 X 8
4-7
5-4
2 X 10 18
8-67
8-07
8-07

COMP TILE

SUPPORT LEG MAX LENGTH MAX LENGTH

2 X 4 W 2 X 4 T-BRACE 9-6' 8-6'
2 X 6 W 2 X 6 T-BRACE 17-2' 14-10'
2 X 8 W 2 X 8 T-BRACE 9-6' 8-6'
2 X 8 W 2 X 8 T-BRACE 17-2' 14-10'
2 X 8 W 2 X 8 T-BRACE 17-2' 15-0'

2 X 8 W 2 X 8 T-BRACE

HEEL JOINT CONNECTION FACTOR

HO / HB

1/3

1/4

133

1/6

125

1/6

1/8

1/8

RAFTER TIES SHALL BE PROVIDED PER 802.3.1 WHEN THE CJ'S ARE NOT CONNECTED TO THE RAFTERS AT THE TOP PLATE

2 TOP PLATES MAX

ADJ SOFFITS FOR DIFFERENT PITCHES

10/12

BUILD

DESCRIPTION:

MODEL:

**NEEHAM** 

DATE:

8/26/20

ARCHITECT IS NOT RESPONSIBLE FOR THE STRUCTURAL ELEMENTS OF THESE PLANS. A STRUCTURAL

ENGINEER MAY NEED TO VERIFY ALL STRUCTURAL ASPECTS

OF THESE PRINTS BEFORE

CONSTRUCTION BEGINS. FIELD CONDITIONS MAY BE DIFFERENT FROM PLAN. ALL STATE AND LOCAL CODES TAKE PRECIDENCE OVER

THESE PLANS. CONTRACTOR WILL BE RESPONSIBLE FOR PLAN INTEGRITY AND CODE COMPLIANCE

3113 SW BLUE RIBBON ST.

LEE'S SUMMIT, MO

64082 SUMMIT VIEW FARMS LOT 53

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KENNETH SIDOROWICZ

> NUMBER E-19986

 $5_{of}5$ 

SHEET NO:

ROOF 1/4" = 1'-0"

A 3" MIN. COVER

PEDESTAL

SLAB ON FILL

1. DESIGN AND CONSTRUCTION WORK FOR THIS PROJECT SHALL

2. FURNISH ALL LABOR, MATERIALS, AND EQUIPMENT NECESSARY TO COMPLETE THE WORK AS SHOWN OR INFERRED BY THE DRAWINGS.

A) GROUND SNOW LOAD (INCLUDING DRIFTING SNOW)\_\_20 PSF

4. DESIGN LOADS (PSF, UNLESS NOTED OTHERWISE): \_SEE TABLE SEE TABLE \_SEE TABLE, (0/10 TRUSSES)

5. DO NOT SCALE DRAWINGS. IF DIMENSIONS ARE IN QUESTION, OBTAIN CLARIFICATION FROM A / E BEFORE CONTINUING

6. THE CONTRACTOR SHALL EXAMINE ACTUAL JOB CONDITIONS AND BE RESPONSIBLE FOR VERIFYING ALL DIMENSIONS AND ELEVATIONS SHOWN ON THE PLANS. IF ERRORS, OMISSIONS, OR DISCREPANCIES ARE FOUND THEY SHALL BE REPORTED TO THE DESIGN PROFESSIONAL BEFORE PROCEEDING WITH THE WORK.

DIMENSIONS FOR NEW CONSTRUCTION ARE TO FACE OF FINISH OR COLUMNS AND FACE OF CONCRETE, WOOD, OR MASONRY WALLS UNLESS OTHERWISE INDICATED. DIMENSIONS INDICATE NOMINAL

8. CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL TRADES EVEN IF THE TRADE IS UNDER A SEPARATE CONTRACT.

9. PROVIDE SUFFICIENT STUDS AND BLOCKING WHERE REQUIRED TO SUPPORT EQUIPMENT AND/OR MISCELLANEOUS ITEMS, I.E., LOAD POINTS, TYPICAL CASEWORK, CABINETS, GRAB BARS ETC.

12. ALL EXTERIOR DOORS, INCLUDING THE DOOR LEADING FROM THE

2. ALL FOOTINGS ARE DESIGNED TO BEAR ON NATURAL UNDISTURBED SOIL CAPABLE OF ADEQUATELY SUSTAINING A MINIMUM BEARING PRESSURE OF 1,500 PSF. IF SUITABLE UNDISTURBED BEARING CAPACITY IS NOT ENCOUNTERED AT THE ELEVATION INDICATED ON THE DRAWINGS, CONTRACTOR SHALL NOTIFY THE ENGINEER OF

3. ALL TOPSOIL, ORGANIC MATERIAL, AND EXISTING STRUCTURES SHALL BE REMOVED FROM BUILDING AREA AND FROM AREAS TO BE PAVED. STOCKPILE ALL TOPSOIL FOR REUSE.

4. REFERENCE THE SOILS REPORT FOR ALL FILL CONDITIONS.

7. IN-SITU SOIL CONDITIONS, SEE SOILS REPORT OR 1,500 PSF BEARING & 60 PCF EQUIVALENT FLUID WEIGHT.

\_\_\_\_\_

 $\frac{4}{100} > 0.58$ 

PEDESTAL

4

DETAIL MAY VARY

3" MIN COVER

PED @ FTG

-UNDISTURBED

48" X 48" X 16" FTG.

w/ 8 #4's EW

8. SOIL CONDITIONS AT THE DEPTH OF EXCAVATION FOR THE FOOTING SHALL BE UNIFORM AND CONSISTENT. NOTIFY THE ENGINEER OF RECORD OF ANY INCONSISTENCIES.

9. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING AND DISPOSING OF ANY EXCESS EXCAVATION MATERIALS AND FOR OBTAINING AND SUPPLYING ADDITIONAL FILL MATERIAL AS

<u>DIVISION 3</u> — CONCRETE

1. ALL CONCRETE WORK SHALL CONFORM TO THE REQUIREMENTS OF ACI 318 "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE" AND ACI 332 "REQUIREMENTS FOR RESIDENTIAL CONCRETE CONSTRUCTION."

CONCRETE MATERIALS SHALL COMPLY WITH: A) CEMENT - ASTM C 150 TYPE 1 B) AGGREGATE - ASTM C 33, MAXIMUM AGGREGATE SIZE 3/4"

C) WATER — POTABLE, WATER/CEMENT RATIO .5 (MAX.) D) AIR-ENTRAINING ADMIXTURE - ASTM C 260 E) WATER-REDUCING ADMIXTURE - ASTM C 494, INCLUDING

SUPERPLASTICIZERS. F) FLY ASH — ASTM C 618, CLASS C

3. CONCRETE SHALL DEVELOP THE FOLLOWING MINIMUM 28 DAY DESIGN COMPRESSIVE STRENGTH (f'c):

COMP. STRENGTH (f'c) TYPE OF CONSTRUCTION A) FOOTINGS, WALLS, AND SLABS SEE TABLE B) EXTERIOR SLABS AND CURBS SEE TABLE (AIR-ENTRAINED CONCRETE)

CONCRETE PROPORTIONS SHALL BE ESTABLISHED ON THE BASIS OF FIELD EXPERIENCE AND/OR TRIAL MIXTURES IN ACCORDANCE WITH ACI 318-89 SECTIONS 5.2 AND 5.3. WHEN FLY ASH IS UTILIZED IN THE MIX, MIX SHALL CONTAIN A WATER-REDUCER. FLY ASH SHALL BE ADDED AT THE RATE OF NOT MORE THAN 100 POUNDS PER CUBIC YARD AND CEMENT SHALL BE REDUCED BY NOT MORE THAN 15 PERCENT BY WEIGHT.

4. PROPORTION AND DESIGN MIXES TO RESULT IN CONCRETE SLUMP AT A POINT OF PLACEMENT OF NOT MORE THAN 4" TO 5".

5. USE AIR-ENTRAINING ADMIXTURES IN EXTERIOR EXPOSED CONCRETE TO RESULT IN CONCRETE AT POINT OF PLACEMENT HAVING AIR CONTENT OF 5 TO 7 PERCENT ENTRAINED AIR.

6. ALL PLUMBING AND ELECTRICAL ROUGH-INS MUST BE COMPLETE, INSPECTED AND APPROVED BEFORE REQUESTING THE SLAB

7. CONCRETE WORK EXECUTION: A) MINIMUM CONCRETE COVER FOR REINFORCING SHALL BE, UNLESS NOTED OTHERWISE ON DRAWINGS: CAST AGAINST AND EXPOSED TO EARTH\_ EXPOSED TO EARTH OR WEATHER\_

NOT EXPOSED TO EARTH OR WEATHER\_ B) IN CORNERS OF GRADE BEAMS PROVIDE CORNER REINFORCEMENT LAP TWO FEET EACH DIRECTION IN OUTSIDE FACE, MATCHING SIZE

AND SPACING OF HORIZONTAL REINFORCEMENT. C) PROVIDE CONTROL JOINTS IN SLABS-ON-GRADE AT NOT GREATER THAN 20 FEET ON CENTER IN EACH DIRECTION. SAW CUT CONTROL JOINTS MINIMUM 1/4 OF THE SLAB DEPTH, AS SOON AFTER SLAB FINISHING AS POSSIBLE WITHOUT DISLODGING AGGREGATE. (DO NOT SAW CUT STRUCTURAL SLABS w/o

8. BATCH TICKETS SHALL BE SUBMITTED TO A CONTRACTORS REPRESENTATIVE PRIOR TO OFF LOADING. ANY CONCRETE MORE THAN 45 MINUTES OUT PRIOR TO STARTING PLACEMENT SHALL BE

9. THE MAXIMUM ADDITION OF WATER SHALL BE LIMITED TO 1 GALLON PER YARD; NOTE THAT THIS ADDITION SHALL BE USED TO CONTROL HEAT ONLY (NOT SLUMP).

10. PUMPS SHALL NOT BE PRIMED IN FORMS.

TURN DOWN SLAB @ |

HVAC BLOCK DOWN

DETAIL MAY VARY

INSPECTION.

11. REINFORCEMENT: A) ALL REINFORCING BARS SHALL BE A615, GR40 MIN. LAP SPLICES 18" MIN FOR #4 BAR. SEE TABLE

B) WELDED WIRE FABRIC SHALL BE ASTM A185, LAP AT LEAST ONE FULL MESH AND LACE SPLICES WITH WIRE.

C) REBAR SHALL BE CLEAN, AND FREE FROM RUST AND OIL PRIOR TO THE PLACEMENT OF CONCRETE. REBAR SHALL BE TIED AND SECURED AS REQUIRED TO PREVENT DISPLACEMENT IN THE FORMS. D) TIE STEEL TO PREVENT DISPLACEMENT. HOOK AND TIE STEEL AS

POSSIBLE. TIES, CHAIRS, OR OTHER PRODUCTS SHALL BE PROTECTED WHEN LOCATED NEAR EXPOSED SURFACES. E) STEEL SHALL BE STORED ON SITE ABOVE GRADE. AND COVERED AS REQUIRED FOR PROTECTION FROM RAIN AND OTHER POSSIBLE

12. ADJUST FOUNDATION FOR SITE AND SOIL CONDITIONS AND VERIFY WITH EOR.

DETAIL MAY VARY

JOIST HNGR -

1-1/2" LEDGE -

FLOOR

JOIST

6" MIN. STEM WALL-

HVAC TRUNK

12" ADDITIONAL

SLAB @ HVAC

BLOCK DOWN @ HVAC

DBL PLATE FOR

- CONCRETE SLAB

\_\_ 1—1/2" COVER MIN.

2.5" INSULATION,

- 1—1/2" LEDGE MIN.

ICF WALL

FLUSH FRAMING @ FDN

GYP CRETE

DIVISION 4 - MASONRY

1. COMPRESSIVE STRENGTH OF CONCRETE MASONRY CONSTRUCTION (CMU) SHALL BE AS FOLLOWS (PSI). MASONRY STRENGTH NOT SPECIFICALLY NOTED ON PLAN SHALL BE (f'm) 1500 PSI.

MASONRY STRENGTH (F'm DESIGN)\_ BLOCK STRENGTH MORTAR STRENGTH GROUT STRENGTH

2. CONCRETE BLOCK SHALL BE HOLLOW LOAD-BEARING CONCRETE MASONRY UNITS CONFORMING TO ASTM C 90, TYPE N-II. ALL BLOCKS SHALL BE PLACED IN RUNNING BOND CONSTRUCTION (UNLESS OTHERWISE NOTED) WITH ALL VERTICAL CELLS IN

3. MORTAR MIX SHALL CONFORM TO THE REQUIREMENTS OF ASTM C 270, TYPE M OR S. TYPE M MORTAR SHALL BE USED WHERE MASONRY IS IN CONTACT WITH SOIL.

4. GROUT SHALL CONFORM TO THE REQUIREMENTS OF ASTM C 476. USE SUFFICIENT WATER FOR GROUT TO FLOW INTO ALL JOINTS OF THE MASONRY WITHOUT SEGREGATION. ALL CELLS IN CONCRETE BLOCKS CONTAINING REINFORCING SHALL BE FILLED SOLID WITH GROUT. ALL MASONRY BELOW FINISHED FLOOR OR GRADE SHALL BE GROUTED SOLID. HOLD GROUT DOWN 1-3" BELOW TOP OF BLOCK AT GROUT LIFT JOINTS AND AT CONTRETE PLACED OVER

5. MINIMUM LINTEL, WHERE NOT ON PLANS, SHALL HAVE A MINIMUM OF 2 - #5's CONTINOUS HORIZONTAL BARS IN BOTTOM OF BOND BEAM OR LINTEL BLOCK AND SHALL BE GROUTED SOLID TO A MIN. DEPTH OF 24." ALL LINTEL REINFORCING AND GROUT SHALL EXTEND 2' MINIMUM PAST JAMBS UNLESS NOTED OTHERWISE ON PLANS OR DETAILS.

6. LAP REINFORCING 48 BAR DIAMETERS. STAGGER LAP SPLICES A MINIMUM OF ONE LAP LENGTH.

7. MASONRY VENEER SHALL BE ATTACHED TO SUPPORT WALL FRAMING WITH % DIAMETER WALL TIES OR DOVETAIL-TYPE METAL TIES OF EQUIVALENT STIFFNESS EMBEDDED INTO HORIZONTAL MORTAR JOINTS. MAXIMUM VERTICAL SPACING OF TIES SHALL BE 16." MAXIMUM HORIZONTAL SPACING SHALL BE 24." TIES IN ALTERNATE COURSES SHALL BE STAGGERED. PROVIDE #9 WIRE REINFORCING IN HORIZONTAL MORTAR JOINTS AT 16" OC. ENGAGE #9 WIRE WITH WALL ANCHOR TIES. CONSTRUCTION JOINTS IN MASONRY VENEER WALLS SHALL BE LOCATED PER THE DRAWINGS.

8. WATERPROOFING, DRAINAGE PLANE, AND INSTALLATION PER ADOPTED BUILDING CODE.

<u>DIVISION 5.5</u> — MISC. STRUCTURAL STEEL

1. ALL MISCELLANEOUS STRUCTURAL STEEL WORK SHALL CONFORM TO THE REQUIREMENTS OF AISC "SPECIFICATIONS FOR DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL FOR

2. MISCELLANEOUS STRUCTURAL STEEL MATERIAL SHALL COMPLY

A) STRUCTURAL STEEL - ASTM A992 B) STEEL PIPE COLUMNS — ASTM A53 GRADE B(Sch 40 TYP) C) ANCHOR BOLTS - ASTM A307 GRADE A, NON-HEADED TYPE UNLESS OTHERWISE NOTED.

3. FLITCH PLATES SHALL HAVE ½" DIA. BOLTS @ 16" OC, STAGGERED TOP AND BOTTOM BETWEEN JOIST LAYOUT.

## RETURN WALLS UNBALANCED RETURN SPACING BACKFILL HT. (HOLD DOWN 24" BELOW GRADE) UP TO 5' RETURN WALLS NOT REQ'D 16'-4" ON CENTER (MAX.), AND/OR 5' TO 9'

WITHIN 8' OF STEP DOWN

ALTERNATIVE

OPT. MUDSILL ANCHORAGE

ALTERNATIVE TO J-BOLTS

INSTALLATION

– 2 X LEDGE

SLAB @ WALL

SLAB ON FILL

REQ'D STRENGTH

3,000 psi

3,500 psi

3,500 psi

7 SACK MIX

**CONC STRENGTH** 

DRILL & SEAL AS REQ'D

— DOWELS @ 12" OC

\* RETURN WALLS ALLOW FOR BACKFILL W/O FLOOR DECK IN PLACE FOR 60 PCF EQUIVALENT FLUID WEIGHT SOIL. NO HEAVY EQUIPMENT OR SURCHARE LOADING.

DETAIL MAY VARY

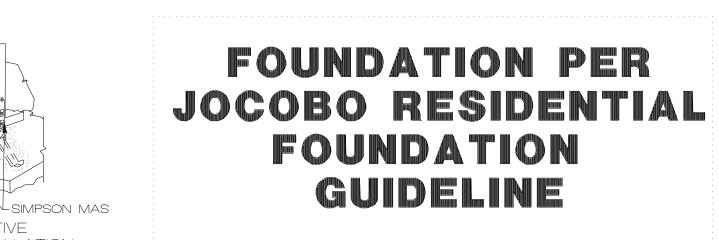
MIN.

24" LAP, MIN

**SUS-SLAB** 

1-1/2" COVER -

2 X 4 OR 2 X 6



<u>DIVISION 6</u> — ROUGH CARPENTRY

INTERNATIONAL BUILDING CODE.

BLOCKING: #2 DOUGLAS FIR

ICC-FS REPORTS.

WITH AITC A190.1

HEADER:

RAFTER:

ICC-ES REPORTS.

B) DESIGN LOADS:

1. ALL ROUGH CARPENTRY WORK SHALL CONFORM TO THE

REQUIREMENTS OF NFPA "NATIONAL DESIGN SPECIFICATION OF WOOD

SPECIFICATIONS", DOC PS 1 "PRODUCT STANDARD FOR CONSTRUCTION

COMPLYING WITH PS 20, GRADED UNDER WWPA OR SPIB RULES:

CONSTRUCTION", TPI "DESIGN SPECIFICATIONS FOR LIGHT METAL

PLATE CONNECTED WOOD TRUSSES", APA "PLYWOOD DESIGN

LAMINATED TIMBER", AND APPLICABLE SECTIONS OF THE

2. ROUGH CARPENTRY MATERIALS SHALL COMPLY WITH:

#2 DOUGLAS FIR

#2 DOUGLAS FIR

STUD GRADE

AND INDUSTRIAL PLYWOOD", DOC PS 56 "STRUCTURAL GLUED

A) LUMBER - S4S, S-DRY, KD, OR S-GRN GRADE MARKED,

#2 DOUGLAS FIR MIN TYPICAL

B) METAL FRAMING FASTENERS - ASTM A 153, HOT-DIP

GALVANIZED FASTENERS; EQUAL TO SIMPSON STRONG-TIE

C) PLYWOOD - APA RATED SHEATHING, COMPLYING TO PS 1.

D) LVL - LAMINATED VENEER LUMBER SHALL BE GRADE 2800

E) GLULAM BEAMS - COMBINATION 24F-V3 IN ACCORDANCE

SHEATHING 24/0 EXTERIOR GLUED (MIN) FOR 16" OC STUD SPACING.

NAIL SHEATHING TO SUPPORT MEMBERS WITH 8D COMMON NAILS AT

6" ON CENTER ALONG EDGE SUPPORTS AND 12" ON CENTER ALONG

3. EXTERIOR WALL AND ROOF SHEATHING SHALL BE 益" APA RATED

FIELD SUPPORTS UNLESS NOTED OTHERWIDE. PROVIDE SOLID

TILE ROOF, OR AS REQUIRED BY MANUFACTURER.

BLOCKING AT ALL UNSUPPORTED PANEL EDGES.

STANDARDS AND NDS SPECIFICATIONS.

25 PSF SNOW LIVE LOAD

PLACEMENT DRAWING.

SUPPORT, OR AS SPECIFIED, UNO.

WALLS AS NOTED ON PLANS.

2 - 2 X 10 #2, WITH 2 STUD SUPPORT.

BLOCKING AT ALL UNSUPPORTED PANEL EDGES; 4/8 GUN NAILS.

NOTE: ROOF SHEATHING SHALL BE  $\frac{5}{8}$  APA RATED SHEATHING FOR

4. INTERIOR SHEAR WALL SHEATHING WHERE NOTED SHALL BE 76" APA

RATED SHEATHING 24/0 EXTERIOR GLUED (MIN) FOR 16" OC STUD

5. ATTACH METAL FRAMING FASTENERS TO FRAMING MEMBERS WITH

MINIMUM NUMBER AND SIZE OF NAILS LISTED IN THE APPLICABLE

6. WOOD TRUSS SYSTEM; TRUSS JOIST SYSTEM AND GLULAM SYSTEM

10 PSF DEAD LOAD TOP CHORD (20 TILE)

10 PSF DEAD LOAD BOTTOM CHORD

A) DESIGN, FABRICATE, AND ERECT IN ACCORDANCE WITH BCSI

C) SUBMIT SHOP DRAWINGS, INCLUDING DESIGN CALCULATIONS,

7. DEFAULT HEADER SIZE NOT SPECIFIED SPANNING 8'-0" MAX SHALL BE

8. ALL HEADERS OVER 4'-0" SHALL HAVE DOUBLE TRIMMER @ EACH

9. SOLID BLOCKING BETWEEN JOISTS @ 36" OC FOR JOISTS PARALLEL

TO THE EXTERIOR FOUNDATION WALL, MIN. 48" OR 3 JOIST SPACES.

10. ALL FLUSH FRAMING @ HEADERS OR GIRDERS SHALL BE HANGERED.

12. RATED CONSTRUCTION FOR PROJECTIONS INTO SETBACKS AS REQ'D.

STRUCTURE BELOW LOAD—BEARING

13. DOUBLE JOIST BELOW PARALLEL NONBEARING WALLS ON LAYOUT

11. BLOCK BETWEEN JOISTS @ SUPPORTS OR OVER BEAMS.

MATERIAL STRESSES, GRADE AND SPECIES OF WOOD, AND

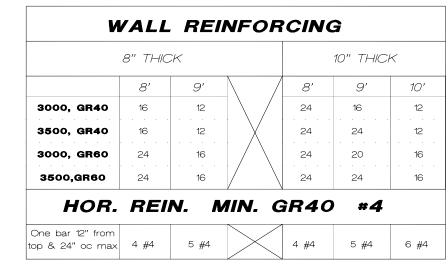
SPACING. NAIL SHEATHING TO SUPPORT MEMBERS WITH 8D COMMON

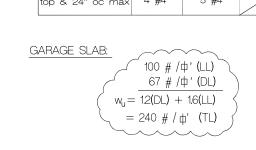
NAILS AT 4" ON CENTER ALONG EDGE SUPPORTS AND 6" ON CENTER

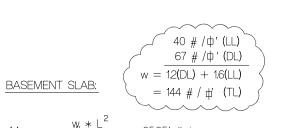
ALONG FIELD SUPPORTS UNLESS NOTED OTHERWISE. PROVIDE SOLID

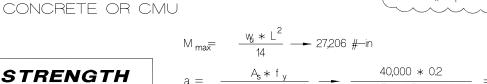
CONNECTORS COMPLYING WITH APPLICABLE ICC-ES REPORTS.

F-2.0E AND SHALL MEET THE REQUIREMENTS OF APPLICABLE









 $\frac{10,000 + 0.2}{0.85 + 3,500 + 12} = 0.22"$  $\phi M_N = *\phi A * f(d - a/2)$ = 0.9(0.2)(40000)(4-0.22/2)

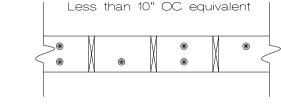
> = 28,008 #-in > 27,206 (OKAY).:. Use #4 @ 12" OC EW 12'-6" (+/—) MODULE

 $\phi M_N = *\phi A * f(d - a/2)$ = 0.9(0.2)(40000)(4-0.22/2)= 28,008 #-in > 25,951 (OKAY)

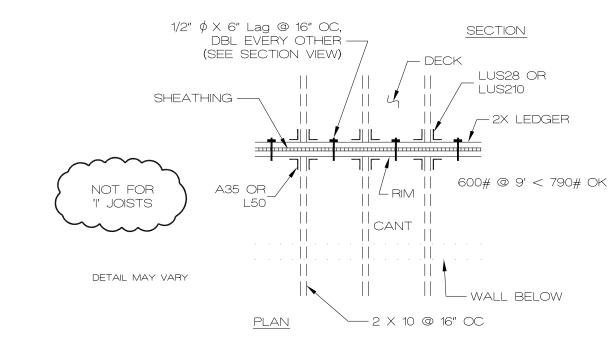
.:. Use #4 @ 12" OC EW 15'-6" (+/—) MODULE

UFER GROUND NEAR PANEL DETAIL MAY VARY J-BOLTS @ 3' OC 7" EMBED GRADE VARIES HORIZONTAL REINFORCEMENT FOUNDATION PER JOCOBC VARIES 60 PCF EQUIVALENT VERTICAL REINFORCEMENT, FLUID WEIGHT SOIL 5" EMBED (NO DOWEL OPTION) CENTER PER 403.1.3.5.2 DOWEL w/ 5" EMBED (DOWEL OPTION) DRAIN TILE — WALL REIN. PER JOCOBO RETURN WALL-MIN COVER FTG REINFORCEMENT, CONTINUOUS

> WALL REINFORCEMENT NTS REINF. CONCRETE WALL OR ICF WALL

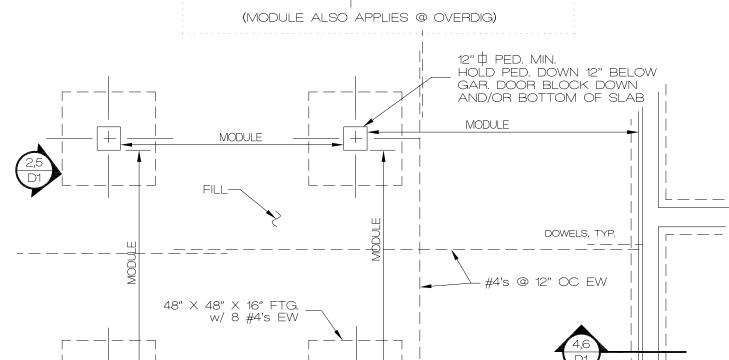


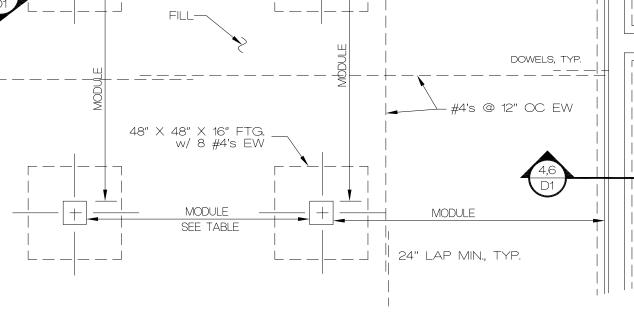
8' max Joist Span





STRUCT. SLAB MODULE SPACING SLAB TYPE | MODULE SPACING BASEMENT GARAGE





STRUCTURAL SLAB ON FILL DO NOT SAW CUT STRUCTURAL SLABS W/O APPROVAL VERIFY ALL STRUCTURAL SLAB DETAILS W/ ENGINEER

DO NOT ISOLATE COLUMNS FROM STRUCTURAL SLABS

KENNETH SIDOROWICZ NUMBER E-19986

ISSUE DATE

REVISIONS

