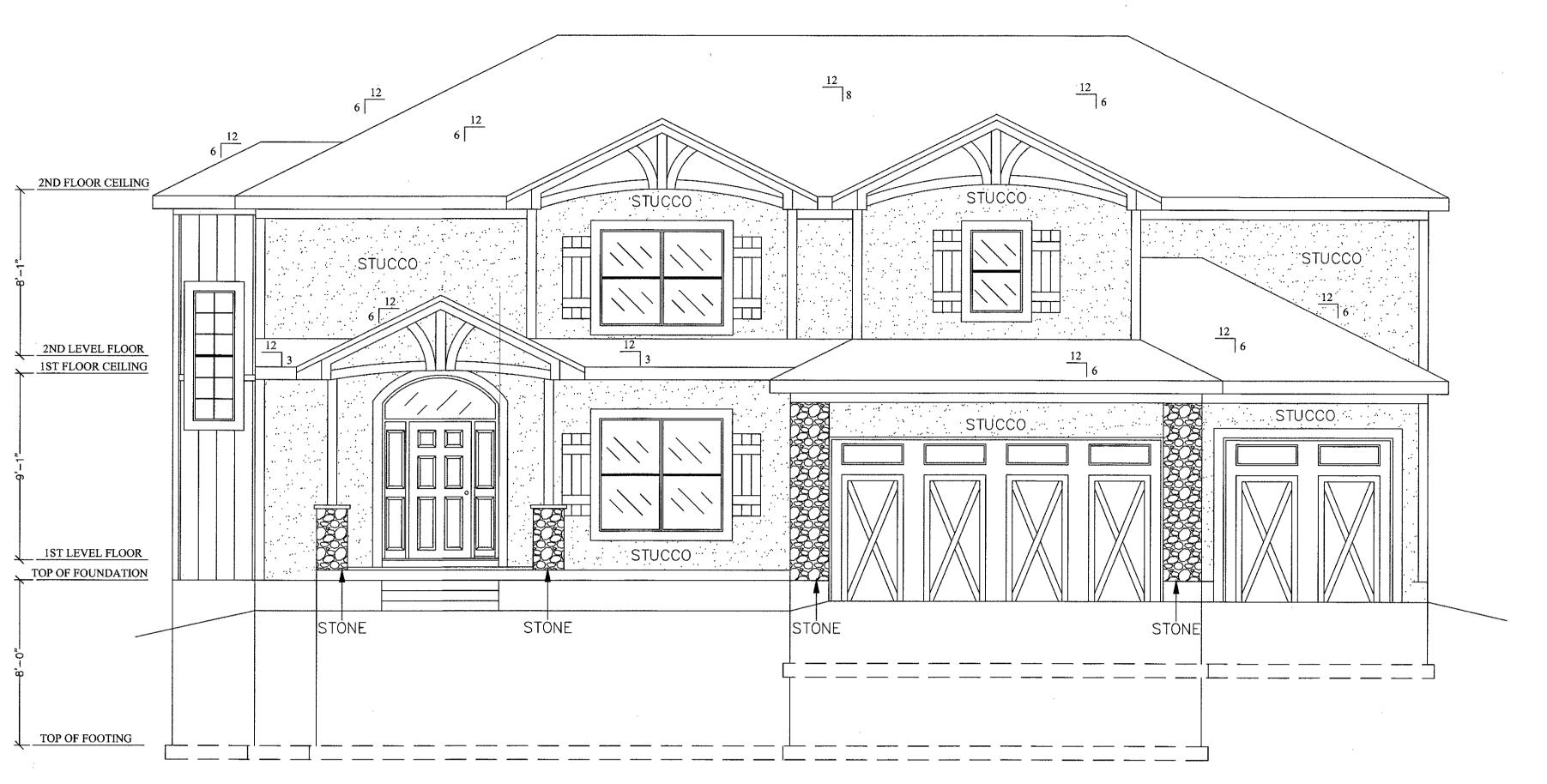
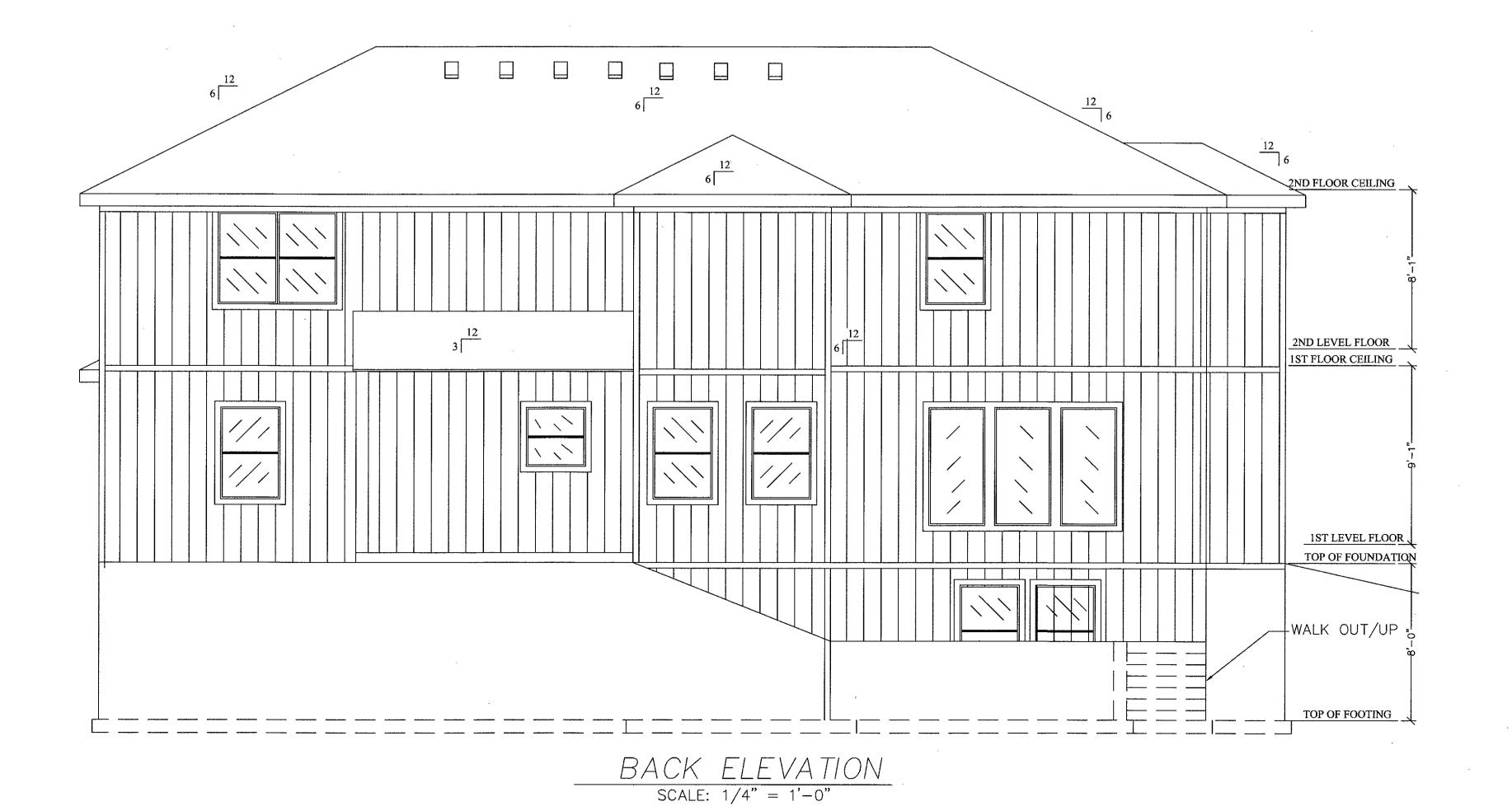


RELEASE FOR
CONSTRUCTION
AS NOTED ON PLANS REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI
02/02/2021



FRONT ELEVATION

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





DESCRIPTION: FRONT/REAR ELEVATIONS

MODEL:

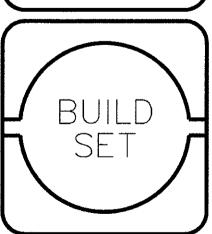
DAVIS

DATE: 11/5/20

4524 SW Nautilus F Lee's Summit MO 64082

CR8

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

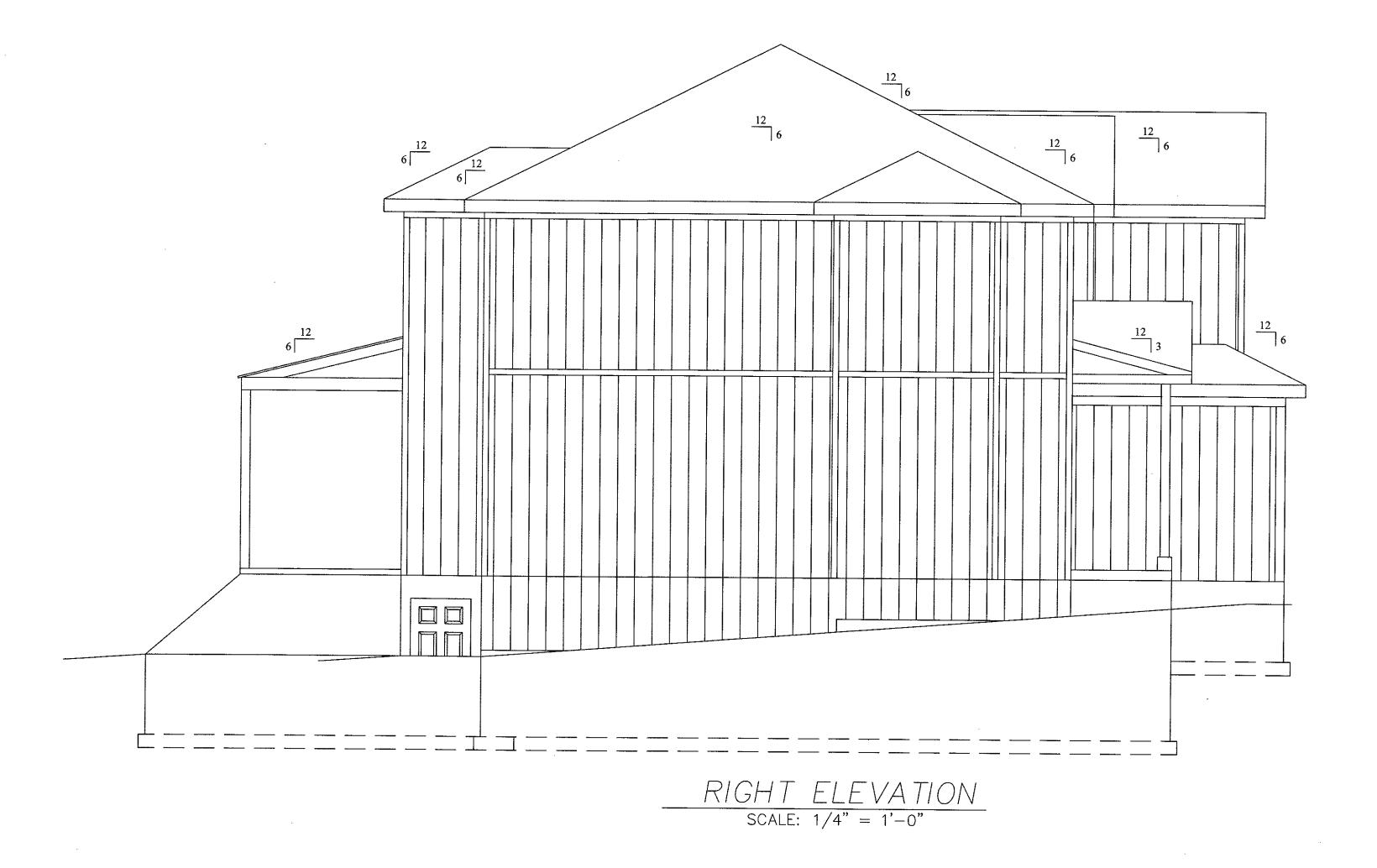


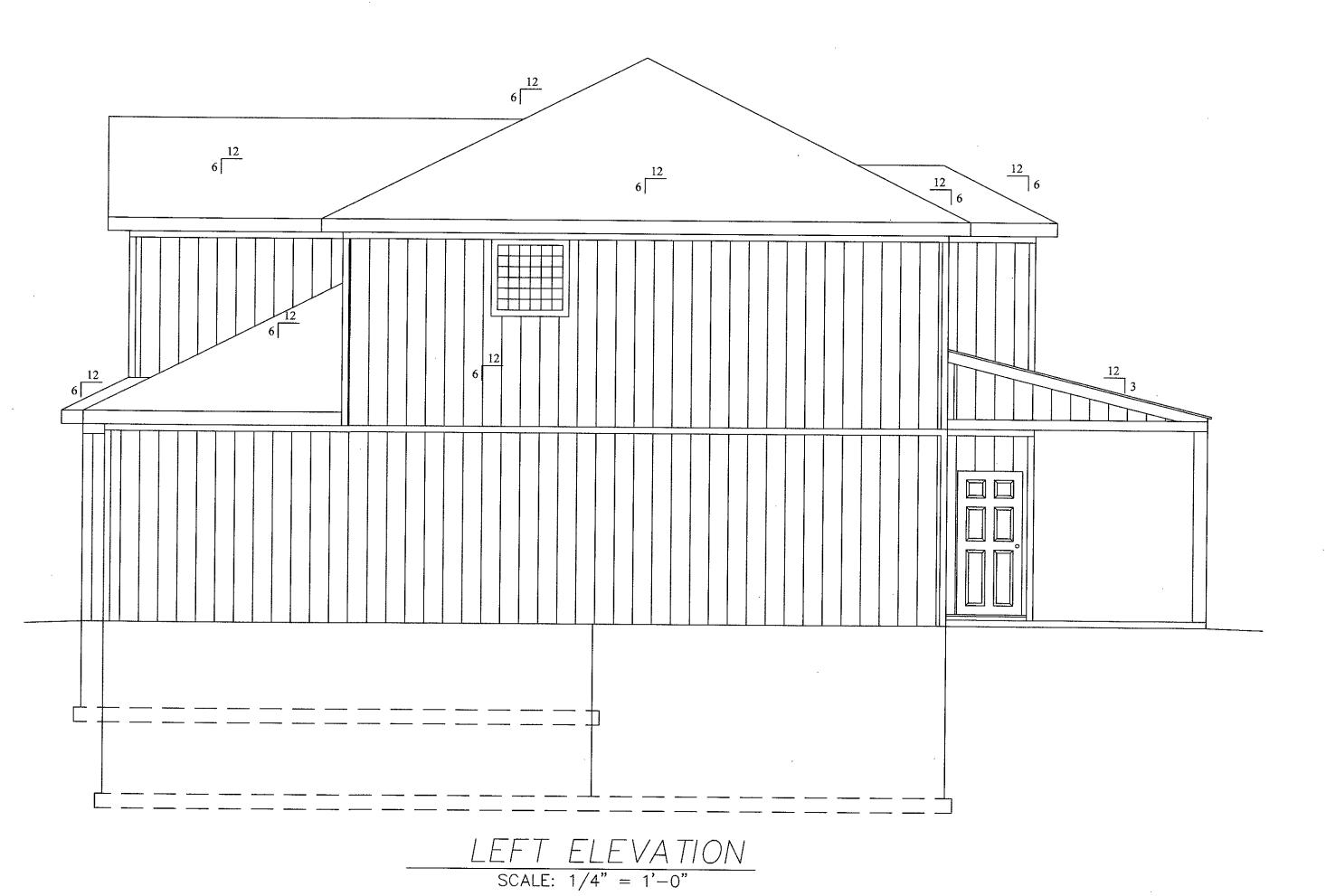
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 $1_{of}6$

SHEET NO







DESCRIPTION: LEFT/RIGHT ELEVATIONS

MODEL:

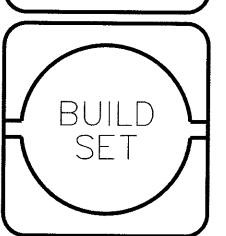
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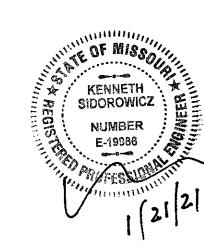
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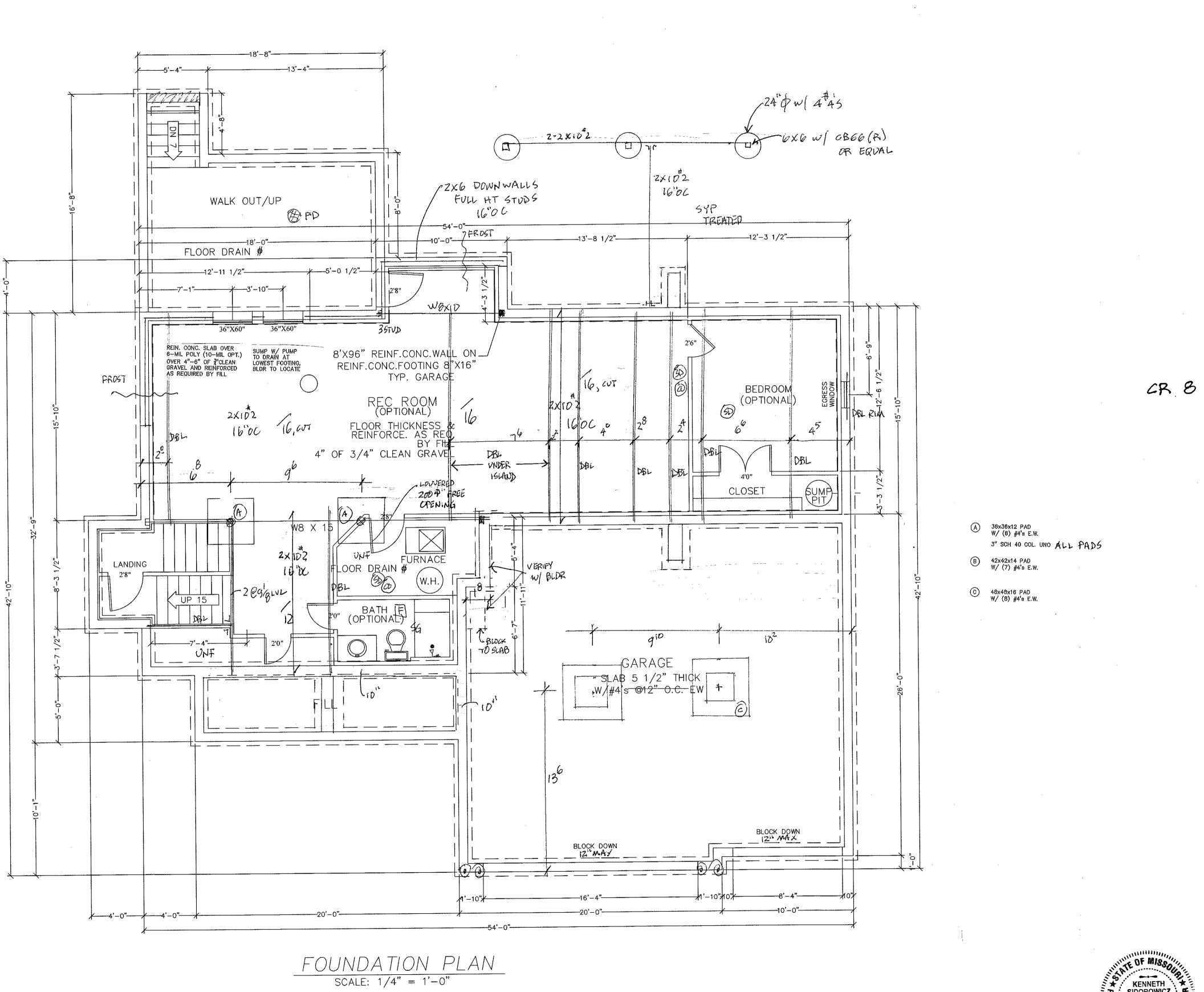
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 $2_{of}6$





KENNETH SIDOROWICZ NUMBER E-19986

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BUILD

DESCRIPTION:

FOUNDATION

MODEL:

DAVIS

DATE:

11/5/20

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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

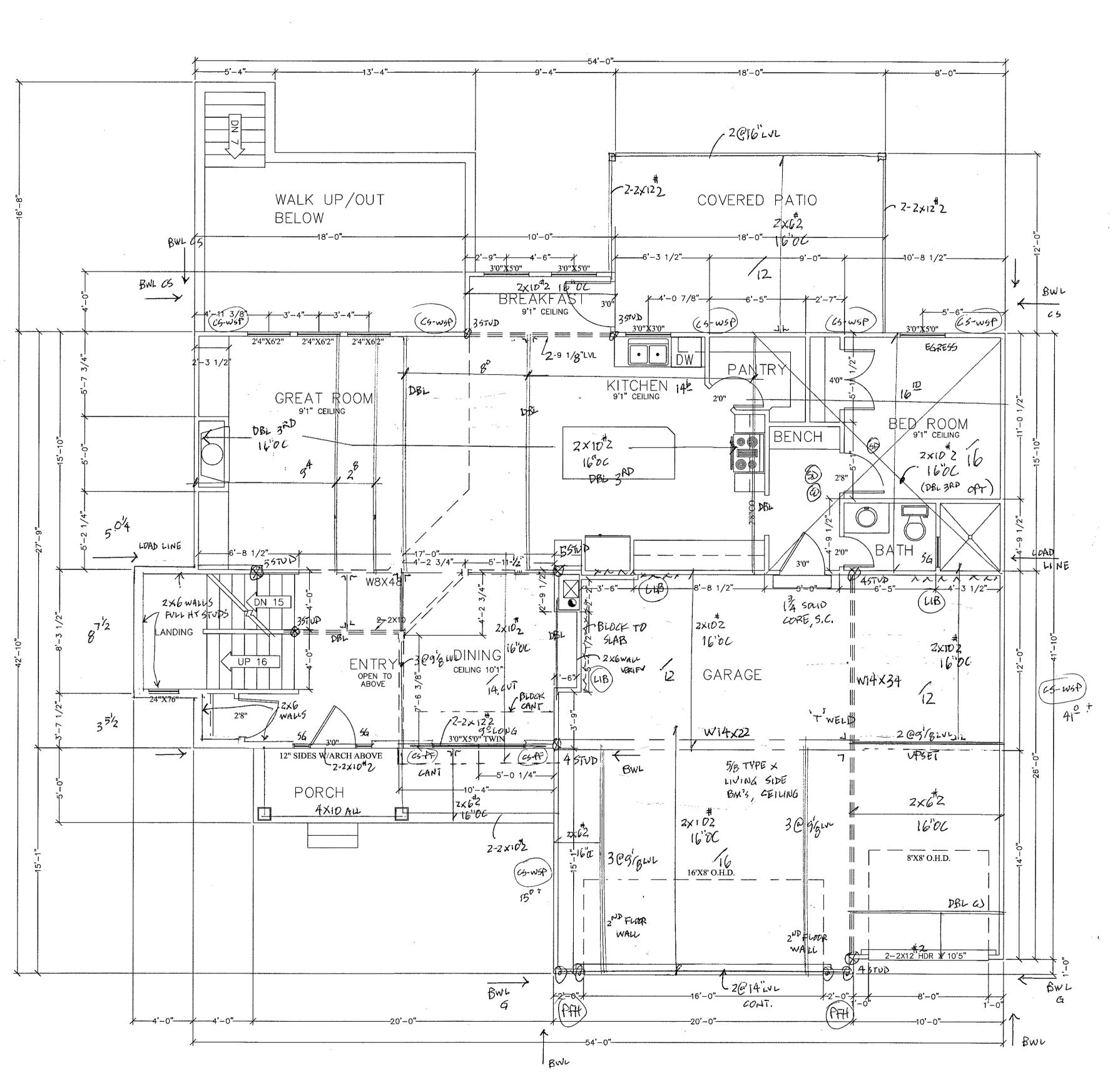
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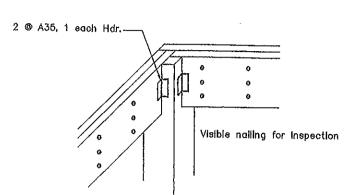
64082

4524 SW NAUTILUS PLACE

3 of 6

SHEET NO





DF/L MIN

CS-WSP HOUSE IS SHEATHED W/ 78" OSB
APA PANELS, SMART PANEL OR
EQUAL, INSTALLED PER MANU,
SPECS, SHIP LAPPED PANELS
REQUIRE NAILING OF OVER AND
UNDER PANELS SEPARATELY.

LIB INT SHALL BE SIMPSON STRAP

(S-PF) HEADER LENGTHS ARE SHOWN FOR CS-PF

SIDING LAPS RIM

2x4, 9' PLATE, FULL HT. STUDS

S.C. = SELF CLOSING

D2 GN #25 FOR WINDOWS

CS = CONTINUOUSLY SHEATHED

EC = END CONDITION

SEE D2 FOR INSULATION VALUES

EC#5, 16" LONG CS16 STRAP,
CENTERED ON SUBFLOOR, FILL
ALL NAIL HOLES.

DESCRIPTION: FIRST FLOOR FRAMING

MODEL:

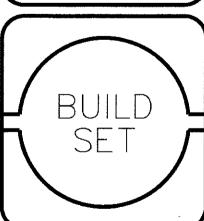
DAVIS DATE:

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4524 SW Nautilus F Lee's Summit MO 64082

CRB

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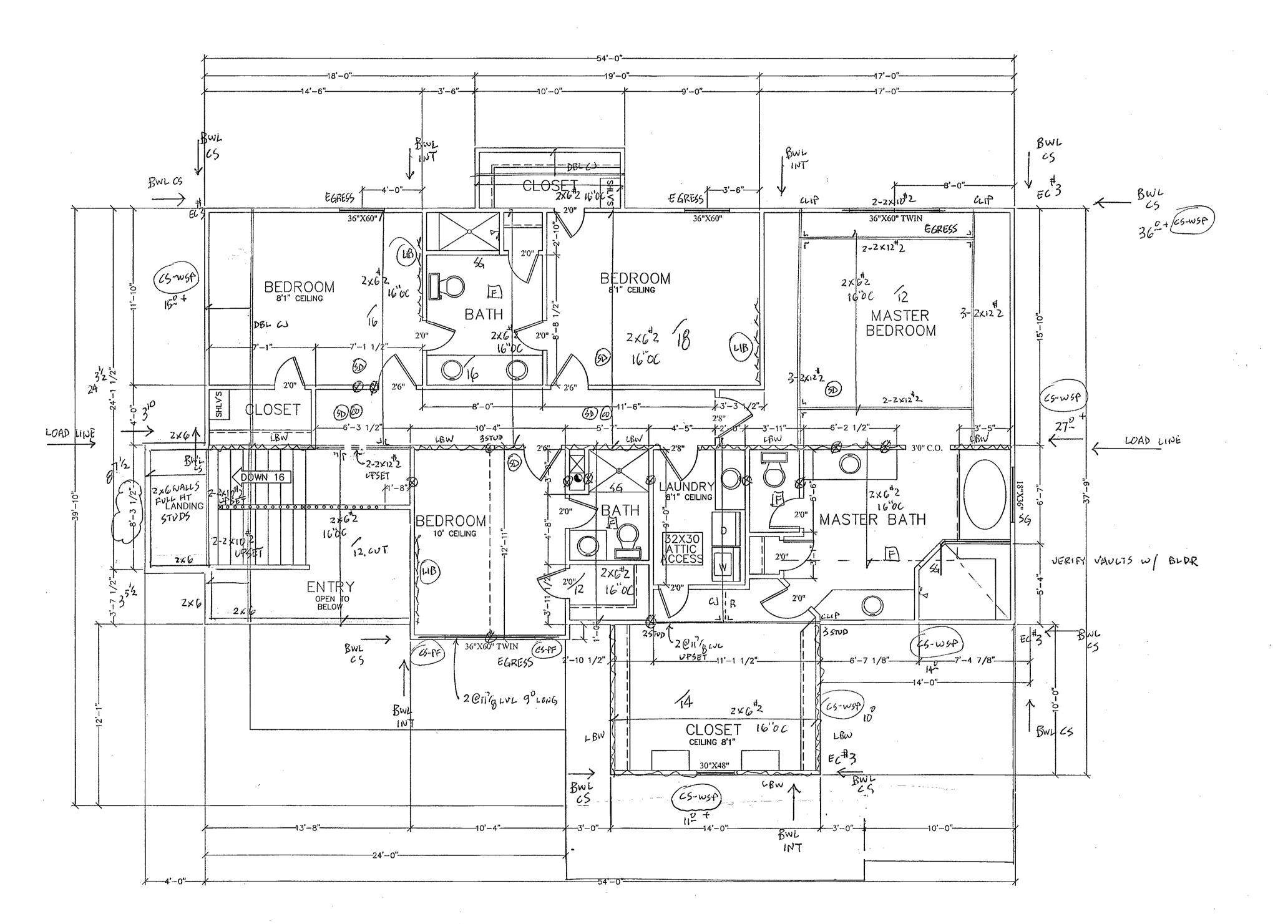
KENNETH SIDORGWICZ

4 of 6

SHEET NO

FIRST FLOOR PLAN

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



FLOOR FRAMING FRAMING PLAN SECOND ROOF

SCRIPTION:

MODEL: DAVIS

DATE:

4524 SW Nautilus I Lee's Summit MO 64082

CR 8

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 SET

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KENNETH SIDOROWICZ

NUMBER E-19986

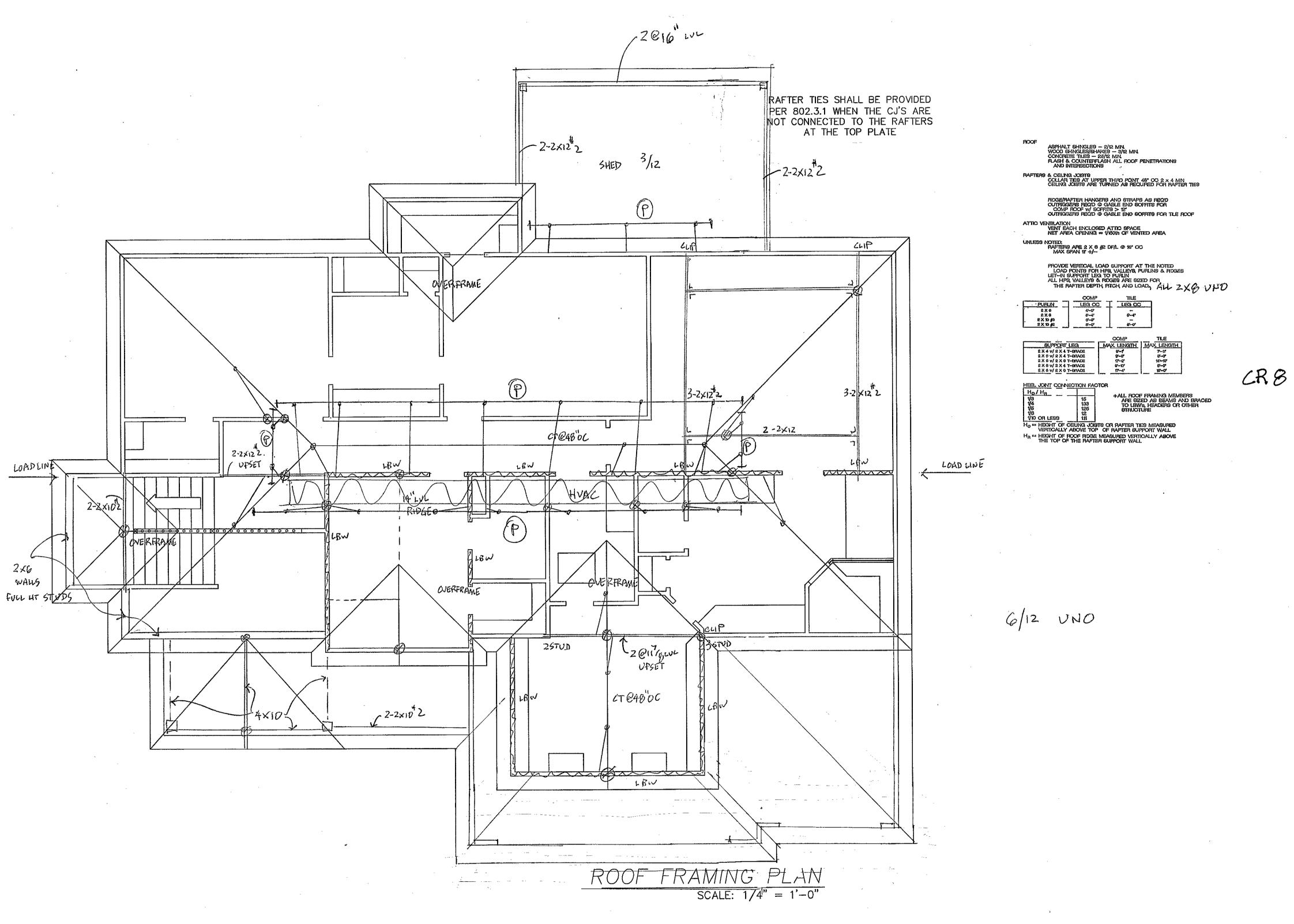
SECOND FLOOR PLAN

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

2ND SQUARE FEET = 1558



GARAGE SOFFIT





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BUILD SET

FRAMING

TOO

H

FIRST

MODEL:

DAVIS

DATE:

4524 SW Nautilus F

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

Lee's Summit MO 64082

CRIP

S

600 = 6

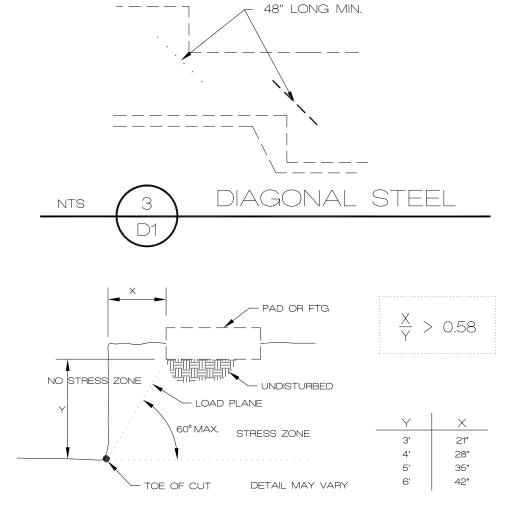
HEET NO

<u>DIVISION 1</u> — GENERAL REQUIREMENTS

- 1. DESIGN AND CONSTRUCTION WORK FOR THIS PROJECT SHALL CONFORM TO THE REQUIREMENTS OF THE 2018 IRC.
- 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 B) WIND SPEED (EXPOSURE B)_ _115 MPH C) SEISMIC CATEGORY (A), GROUND ACCELERATION = NA
- 4. DESIGN LOADS (PSF, UNLESS NOTED OTHERWISE): A) ROOF (LL/DL)_ _SEE TABLE B) FLOOR (LL/DL) SEE TABLE C) CEILING (LL/DL)_
- 5. DO NOT SCALE DRAWINGS. IF DIMENSIONS ARE IN QUESTION, OBTAIN CLARIFICATION FROM A / E BEFORE CONTINUING CONSTRUCTION.
- 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.
- 7. 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 DIMENSIONS RATHER THAN ACTUAL DIMENSIONS.
- 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.
- 10. PRETREAT FOUNDATION FOR TERMITES AS REQUIRED.
- 11. GARAGE DOORS AND FRAMES SHALL BE DESIGNED AND INSTALLED TO MEET THE 115 MPH WIND LOAD RESISTANCE REQUIREMENTS OF DASMA 108 AND ASTM E 330.
- 12. ALL EXTERIOR DOORS, INCLUDING THE DOOR LEADING FROM THE GARAGE TO THE DWELLING UNIT, SHALL INCORPORATE THE PHYSICAL SECURITY PROVISIONS OF THE JURISDICTION IN WHICH THE CONSTRUCTION TAKES PLACE.

<u>DIVISION 2</u> — EARTHWORK

- 1. ALL PROPERTY MARKERS SHALL BE EXPOSED.
- 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 RECORD IMMEDIATELY.
- 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.
- 5. OVEREXCAVATE BUILDING AREA BELOW SLAB SUBGRADE ELEVATION AND REPLACE WITH MATERIAL PER SOILS REPORT,
- 6. SITE EROSION CONTROL SHALL COMPLY WITH ALL STATE AND LOCAL ORDINANCES.
- 7. IN-SITU SOIL CONDITIONS, SEE SOILS REPORT OR 1,500 PSF BEARING C) REBAR SHALL BE CLEAN, AND FREE FROM RUST AND OIL PRIOR TO & 60 PCF EQUIVALENT FLUID WEIGHT.
- 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



FOOTING

DETAIL MAY VARY

PEDESTAL

SLAB @ PEI

SLAB ON FILL

CAST w/ SLAB -

 $_{\Delta}$ 3" MIN. COVER

FOOTING STRESS ZONE

48" X 48" X 16" FTG.

w/ 8 #4's EW

PEDESTAL

4 4

DETAIL MAY VAR

3" MIN COVER

PED @ FTG

- UNDISTURBED

<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
- _SEE TABLE, (0/10 TRUSSES) 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 REINFORCEMEN 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 @ |

DETAIL MAY VARY

HVAC BLOCK DOWN

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

AS REQUIRED FOR PROTECTION FROM RAIN AND OTHER POSSIBLE

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 1900 MORTAR STRENGTH GROUT STRENGTH_

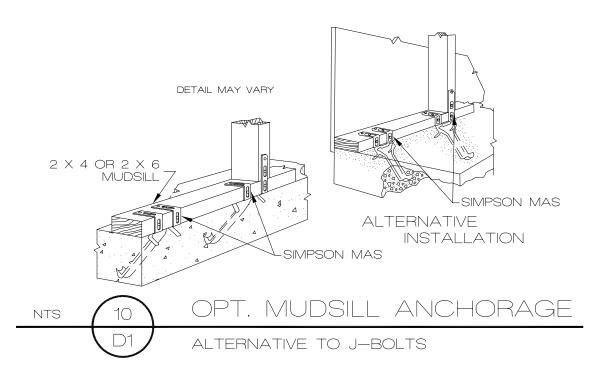
- 2. CONCRETE BLOCK SHALL BE HOLLOW LOAD—BEARING CONCRETE MASONRY UNITS CONFORMING TO ASTM C 90, TYPE N-II. ALL BLOCKS SHALL BE PLACED IN RUNNING BOND CONSTRUCTION (UNLESS OTHERWISE NOTED) WITH ALL VERTICAL CELLS IN
- 3. MORTAR MIX SHALL CONFORM TO THE REQUIREMENTS OF ASTM C 270, TYPE M OR S. TYPE M 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 1-1" BELOW TOP OF BLOCK AT GROUT LIFT JOINTS AND AT CONCRETE 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.
 - DIVISION 5.5 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 WITH:
 - 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 $\frac{1}{2}$ " DIA. BOLTS @ 16" OC, STAGGERED TOP AND BOTTOM BETWEEN JOIST LAYOUT.

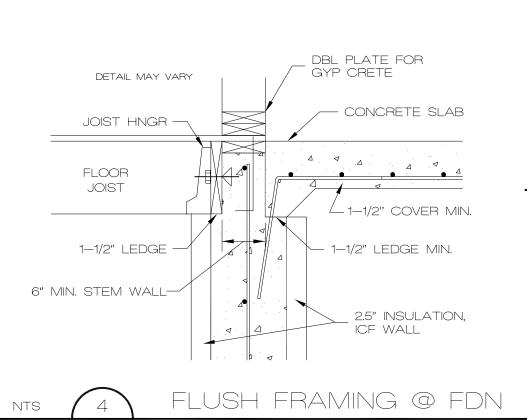
RETURN WALLS RETURN SPACING ABOVE FLOOR (HOLD DOWN 24" BELOW GRADE) LESS THAN 4' RETURN WALLS NOT REQ'D

8' OF STEP DOWN OR AS SHOWN * RETURN WALLS ALLOW FOR BACKFILL W/O FLOOR DECK IN PLACE FOR 60 PCF EQUIVALENT FLUID WEIGHT SOIL.

NO HEAVY EQUIPMENT OR SURCHARE LOADING.

16'-4" ON CENTER (MAX.), AND WITHIN

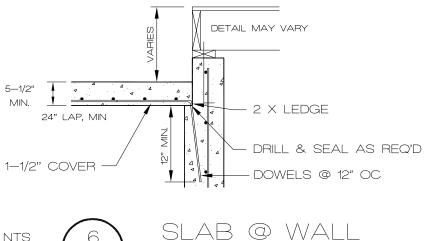




HVAC TRUNK

12" ADDITIONAL

BLOCK DOWN @ HVAC



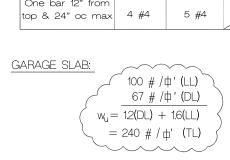
SLAB ON FILL

7 SACK MIX

CONCRETE OR CMU

CONC STRENGTH REQ'D STRENGTH 3,000 psi 3,500 psi 3,500 psi

SUS-SLAB



 $M_{\text{max}} = \frac{W_1 * L^2}{14} \longrightarrow 27,206 \# \text{in}$ 40,000 * 0.2 $\frac{y}{6b} = \frac{40,000 + 0.2}{0.85 + 3,500 + 12} = 0.22$ " $\phi M_N = *\phi A * f(d - a/2)$ = 0.9(0.2)(40000)(4-0.22/2)= 28,008 #-in > 27,206 (OKAY)

: .*. Use #4 @ 12" OC EW

12'-6" (+/—) MODULE

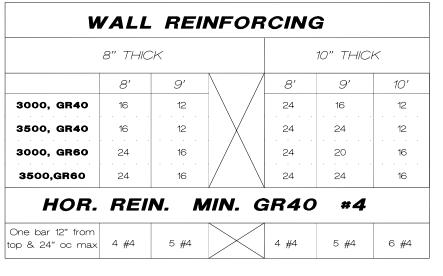
= 0.9(0.2)(40000)(4-0.22/2)= 28,008 #-in > 25,951 (OKAY)

DIVISION 6 - ROUGH CARPENTRY

ICC-ES REPORTS.

- 1. ALL ROUGH CARPENTRY WORK SHALL CONFORM TO THE REQUIREMENTS OF NFPA "NATIONAL DESIGN SPECIFICATION OF WOOD CONSTRUCTION", TPI "DESIGN SPECIFICATIONS FOR LIGHT METAL PLATE CONNECTED WOOD TRUSSES", APA "PLYWOOD DESIGN SPECIFICATIONS", DOC PS 1 "PRODUCT STANDARD FOR CONSTRUCTION AND INDUSTRIAL PLYWOOD", DOC PS 56 "STRUCTURAL GLUED LAMINATED TIMBER", AND APPLICABLE SECTIONS OF THE INTERNATIONAL BUILDING CODE.
- 2. ROUGH CARPENTRY MATERIALS SHALL COMPLY WITH: A) LUMBER - S4S, S-DRY, KD, OR S-GRN GRADE MARKED, COMPLYING WITH PS 20, GRADED UNDER WWPA OR SPIB RULES: STUD GRADE HEADER: #2 DOUGLAS FIR MIN TYPICAL RAFTER: #2 DOUGLAS FIR
 - PLATES: #2 DOUGLAS FIR BLOCKING: #2 DOUGLAS FIR B) METAL FRAMING FASTENERS - ASTM A 153, HOT-DIP GALVANIZED FASTENERS; EQUAL TO SIMPSON STRONG-TIE
 - CONNECTORS COMPLYING WITH APPLICABLE ICC-ES REPORTS. C) PLYWOOD - APA RATED SHEATHING, COMPLYING TO PS 1. D) LVL - LAMINATED VENEER LUMBER SHALL BE GRADE 2800 F-2.0E AND SHALL MEET THE REQUIREMENTS OF APPLICABLE
- E) GLULAM BEAMS COMBINATION 24F-V3 IN ACCORDANCE WITH AITC A190.1
- 3. EXTERIOR WALL AND ROOF SHEATHING SHALL BE (6" APA RATED 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 FIELD SUPPORTS UNLESS NOTED OTHERWIDE. PROVIDE SOLID BLOCKING AT ALL UNSUPPORTED PANEL EDGES; 4/8 GUN NAILS.
- NOTE: ROOF SHEATHING SHALL BE §" APA RATED SHEATHING FOR TILE ROOF, OR AS REQUIRED BY MANUFACTURER.
- 4. INTERIOR SHEAR WALL SHEATHING WHERE NOTED SHALL BE 76" APA RATED SHEATHING 24/0 EXTERIOR GLUED (MIN) FOR 16" OC STUD 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 BLOCKING AT ALL UNSUPPORTED PANEL EDGES.
- 5. ATTACH METAL FRAMING FASTENERS TO FRAMING MEMBERS WITH MINIMUM NUMBER AND SIZE OF NAILS LISTED IN THE APPLICABLE ICC-ES REPORTS.
- 6. WOOD TRUSS SYSTEM; TRUSS JOIST SYSTEM AND GLULAM SYSTEM FOR ROOFS A) DESIGN, FABRICATE, AND ERECT IN ACCORDANCE WITH BCSI STANDARDS AND NDS SPECIFICATIONS. B) DESIGN LOADS:
 - 25 PSF SNOW LIVE LOAD 10 PSF DEAD LOAD TOP CHORD (20 TILE) 10 PSF DEAD LOAD BOTTOM CHORD
- C) SUBMIT SHOP DRAWINGS, INCLUDING DESIGN CALCULATIONS, MATERIAL STRESSES, GRADE AND SPECIES OF WOOD, AND PLACEMENT DRAWING.
- 7. DEFAULT HEADER SIZE NOT SPECIFIED SPANNING 8'-0" MAX SHALL BE 2 — 2 X 10 #2, WITH 2 STUD SUPPORT.
- 8. ALL HEADERS OVER 4'-0" SHALL HAVE DOUBLE TRIMMER @ EACH SUPPORT, OR AS SPECIFIED, UNO.
- 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. 11. BLOCK BETWEEN JOISTS @ SUPPORTS OR OVER BEAMS.
- 12. RATED CONSTRUCTION FOR PROJECTIONS INTO SETBACKS AS REQ'D.
- 13. DOUBLE JOIST BELOW PARALLEL NONBEARING WALLS ON LAYOUT SINGLE JOIST OFF LAYOUT. STRUCTURE BELOW LOAD—BEARING WALLS AS NOTED ON PLANS.

FOUNDATION PER JOCOBO RESIDENTIAL FOUNDATION GUIDELINE



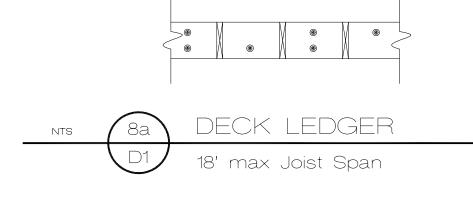


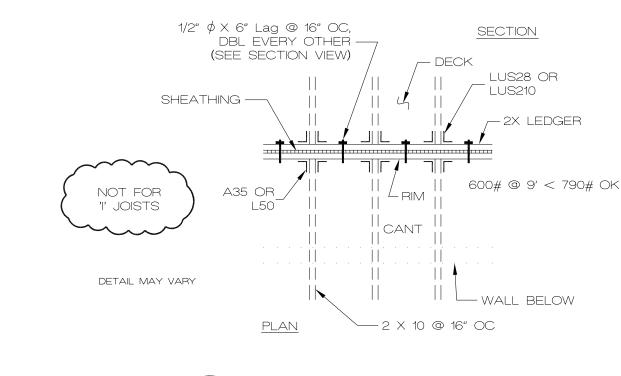
 $\frac{\text{W}_1 * \text{L}^2}{14} \longrightarrow 25,951 \text{ #-in}$ $0.85 * f_c * b$

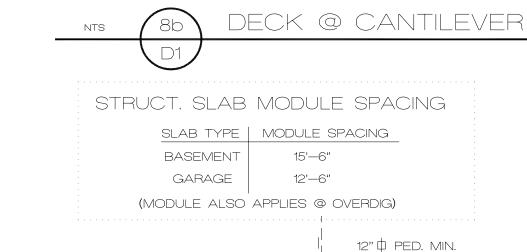
 $\phi M = *\phi A * f(d - a/2)$

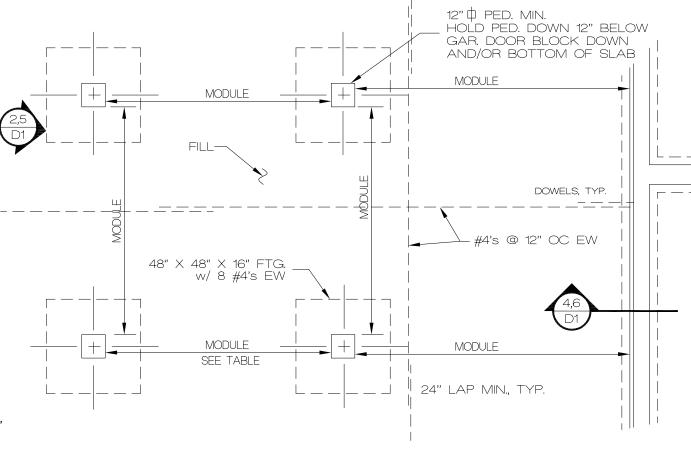
∴ Use #4 @ 12" OC EW 15'-6" (+/—) MODULE

UFER GROUND NEAR PANEL -DETAIL MAY VARY J—BOLTS @ 3' OC 7" EMBED GRADE DAMP-PROOFING VARIES PER R406.1 -HORIZONTAL REINFORCEMENT FOUNDATION PER JOCOBC 60 PCF EQUIVALENT VERTICAL REINFORCEMENT, FLUID WEIGHT SOIL 5" EMBED (NO DOWEL OPTION) CENTER PER 403.1.3.5.3 DOWEL w/ 5" EMBED (DOWEL OPTION) DRAIN TILE PER R405 8" WALL REIN. PER JOCOBO 9' MAX HEIGHT RETURN WALL-MIN COVER FTG REINFORCEMENT, 8" WALL 8" × 16" w/ 2#4 CONTINUOUS WALL REINFORCEMENT Less than 10" OC equivalent **(6)**









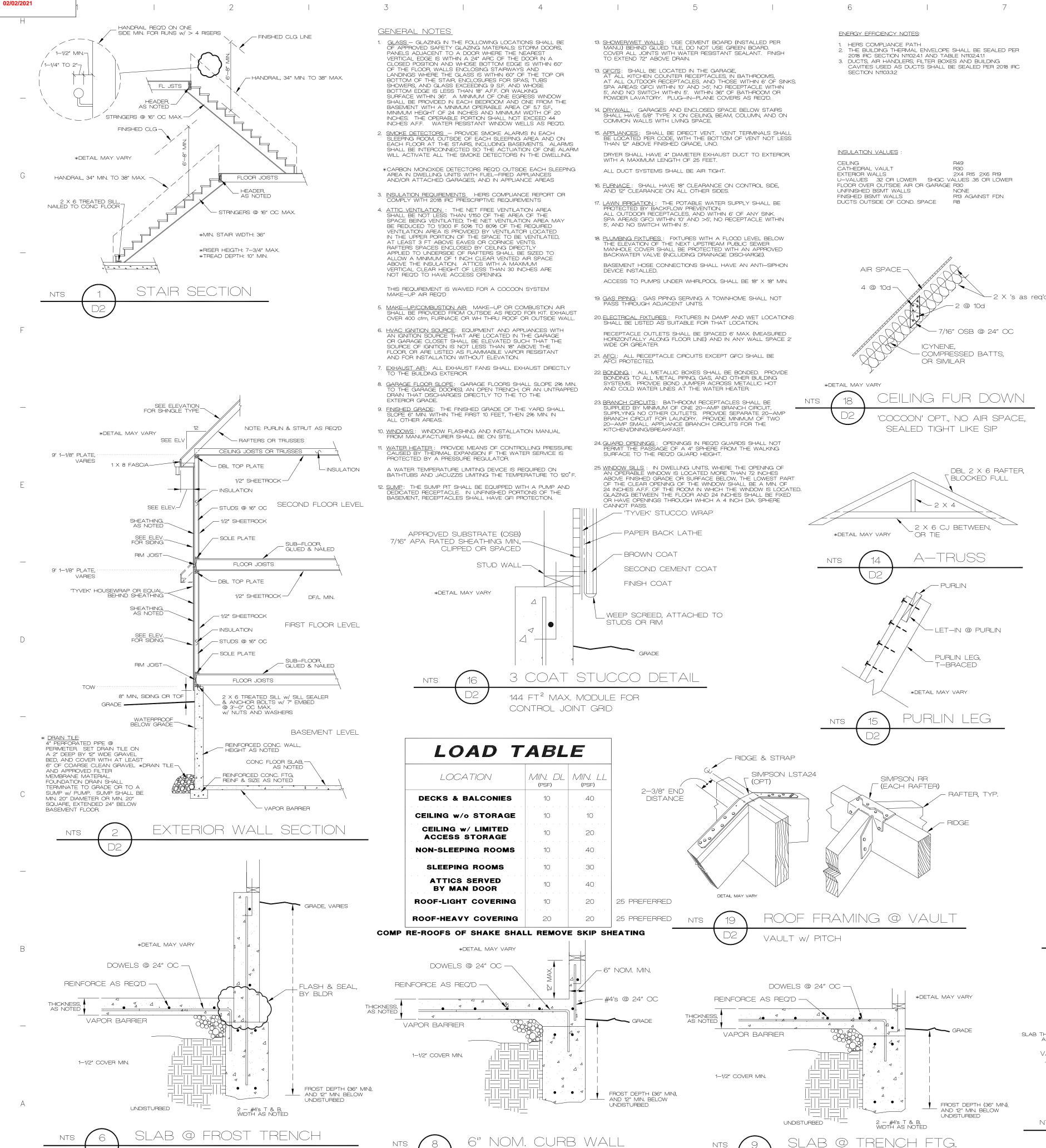
DO NOT SAW CUT STRUCTURAL SLABS w/o APPROVAL VERIFY ALL STRUCTURAL SLAB DETAILS W/ ENGINEER DO NOT ISOLATE COLUMNS FROM STRUCTURAL SLABS

4 0 ---KENNETH **SIDOROWICZ** NUMBER E-19986

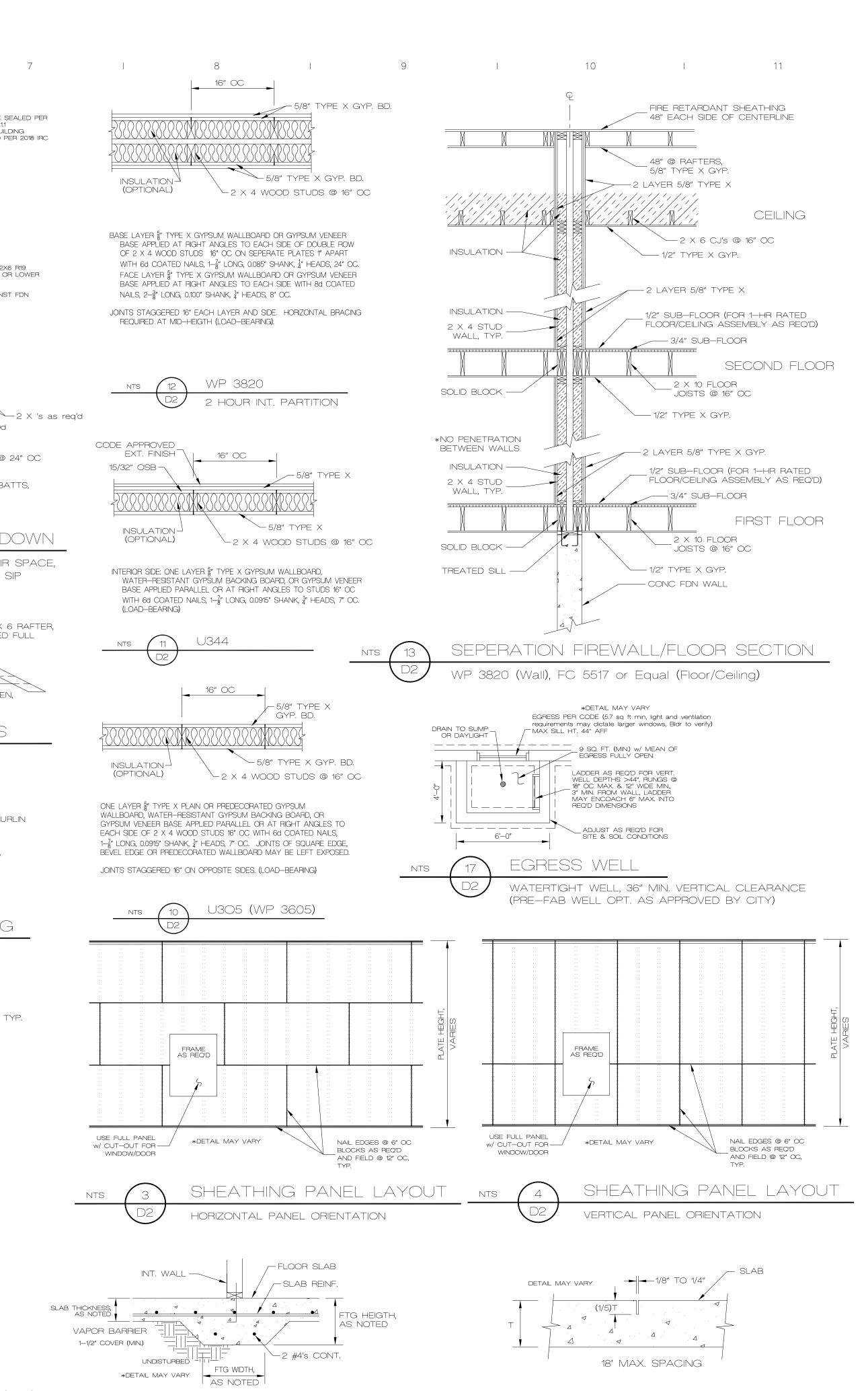
ISSUE DATE

REVISIONS

w/ STEM WALL (< 4')



MONOLITHIC W/ SLAB



THICKENED SLAB FTG

MONOLITHIC W/ SLAB

NTS

The wife was KENNETH **SIDOROWICZ** NUMBER E-19986 **—·**—

ISSUE DATE

REVISIONS

SLAB CONTROL JOINT

DO NOT SAW CUT STRUCTURAL

SLABS w/o APPROVAL

