## GENERAL NOTES:

THE INFORMATION SHOWN IN THESE DRAWINGS IS BASED ON ACTUAL FIELD MEASUREMENTS AND OTHER INFORMATION OF RECORD. ALL WORK DESCRIBED IN THESE PLANS SHALL BE CONSTRUCTED IN COMPLIANCE WITH THE FOLLOWING CONSTRUCTION CODES.

THE FULTON COUNTY CONSTRUCTION CODE (GCCC) (2015 VERSION)

## THE GEORGIA STATE MINIMUM CODES:

INTERNATIONAL BUILDING CODE - 2012 EDITION WITH 2014 & 2015 GEORGIA STATE AMENDMENTS

INTERNATIONAL MECHANICAL CODE - 2012 EDITION WITH 2014 & 2015 GEORGIA STATE

INTERNATIONAL PLUMBING CODE - 2012 EDITION WITH 2014 &2015 GEORGIA STATE AMENDMENTS AND IPC APPENDIX F

INTERNATIONAL FUEL GAS CODE - 2014 EDITION WITH 2014 & 2015 GEORGIA STATE AMENDMENTS

NFPA NATIONAL ELECTRICAL CODE - 2017 EDITION

INTERNATIONAL ENERGY CONSERVATION CODE - 2009 EDITION WITH 2011 & 2012 GEORGIA STATE **AMENDMENTS** 

INTERNATIONAL EXISTING BUILDING CODE, 2012 EDITION WITH 2015 GEORGIA STATE AMENDMENTS THE GWINNETT COUNTY 1985 ZONING RESOLUTION, INCLUDING REVISIONS

INTERNATIONAL RESIDENTIAL CODE FOR ONE & TWO FAMILY DWELLINGS, 2012 EDITION WITH 2014 & 2015 GEORGIA STATE AMENDMENTS, AND IRC APPENDIX F

THE GWINNETT COUNTY 1985 ZONING RESOLUTION, INCLUDING REVISIONS

INTERNATIONAL FIRE PREVENTION CODE - 2012 EDITION WITH 2002 & 2006 AMENDMENTS

THE GEORGIA EROSION AND SEDIMENTATION ACT OF 1975, THIRD EDITION 1992

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 101 LIFE SAFETY CODE 2012 EDITION

OCGA TITLE 25 AND 30 AND CHAPTER 120 OF THE FIRE COMMISONER'S RULES AND REGULATIONS

1995 FULTON COUNTY ORDINANCE FOR FIRE PROTECTION AND LIFE SAFETY, THE CURRENT EDITION OF THE NFPA CODES AND STANDARDS AS ADOPTED AND MODIFIED BY THE STATE FIRE MARSHALL, N.F.P.A. 101 LIFE SAFETY CODE 2012 EDITION, INTERNATIONAL FIRE CODE 2012 EDITION

- ALL MEANS AND METHODS OF CONSTRUCTION SHALL CONFORM TO CODES, LAWS, AND REGULATIONS OF FULTON COUNTY, INCLUDING BUT NOT LIMITED TO FLUES, CHIMNEY, FIREPLACE, SMOKE DETECTOR, MASONRY, WOOD CONSTRUCTION, ROOFING, PLUMBING, ELECTRICAL WIRING, EXHAUST FANS, VENTING, MECHANICAL EQUIPMENT, AND DUCTWORK, ETC., AND SUCH CODES, LAWS, AND REGULATIONS SHALL GOVERN OVER ANY CONFLICTING INFORMATION INDICATED ON THE CONSTRUCTION DOCUMENTS.
- THE DESIGNER SHALL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES, OR SAFETY PRECAUTIONS IN CONNECTION WITH THE WORK, FOR ACTS OR OMISSIONS OF THE CONTRACTORS, SUBCONTRACTORS, OR ANY OTHER PERSONS PERFORMING ANY OF THE WORK OR THE FAILURE OF ANY OF THEM TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND / OR IN ACCORDANCE WITH LOCAL CODES, RESTRICTIONS, AND REQUIREMENTS.
- EACH NOTE ON ANY PAGE SHALL BE CONSIDERED AS ONE AND CONSISTENT FOR ALL PAGES.
- 4. ALL PLAN DIMENSIONS ARE TO FACE OF FINISH PARTITIONS UNLESS OTHERWISE NOTED.
- 5. ALL DIMENSIONS GOVERN OVER SCALE.
- 6. CONTRACTOR TO CHECK AND VERIFY ALL CONDITIONS AND DIMENSIONS IN FIELD PRIOR TO CONSTRUCTION - NOTIFY DESIGNER OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION
- 7. EACH BEDROOM SHALL HAVE AT LEAST ONE WINDOW WHOSE CLEAR OPENING IS A MINIMUM OF 5.7 SQ. FT. THE MINIMUM CLEAR WIDTH SHALL BE 20" AND MINIMUM CLEAR HEIGHT SHALL BE 24". GRADE FLOOR BEDROOM WINDOWS MAY HAVE A MINIMUM 5.0 SQ FT CLEAR OPENING

## FOUNDATION WALLS:

- POURED CONCRETE FOUNDATION &/OR CMU WALLS SHALL BE MIN. NOMINAL 8" THICK AND STEEL REINFORCED AS NOTED ON DETAIL SECTIONS AND AS REQUIRED BY STATE, COUNTY, AND LOCAL CODES AND RESTRICTIONS.
- CONCRETE WALLS SHALL BE INSPECTED BY LICENSED ENGINEER OR ARCHITECT PRIOR TO POURING. 3. WATERPROOFING ON CONC. WALLS MUST CONFORM TO LOCAL CODE REQUIREMENTS.
- 4. USE 1/2" DIA. MIN. GALV. ANCHOR BOLTS OR STRAPS TO SECURE SILL PLATES 6'-0" O.C. AND A MAX.
- 12" FROM CORNERS. PROVIDE FOAM SILL SEAL BETWEEN TOP OF FOUNDATION WALL AND SILL PLATE
- 5. ALL PENETRATIONS THROUGH FOUNDATION WALLS MUST BE SEALED GAS TIGHT.
- 6. PROVIDE FREE DRAINING GRANULAR BACKFILL WITH A MAX. EQUIV. FLUID PRESSURE OF 30 LBS PER SQ. FT. PER FOOT OF BACKFILL AGAINST FOUNDATION WALLS

## ROOFING AND MOISTURE PROTECTION:

- ALL METAL & SHINGLE ROOFING SYSTEM TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS AND ACCORDING TO THE GUIDELINES ESTABLISHED FOR CERTIFIED MFGR'S 20 YEAR NO DOLLAR LIMIT (NDL) WARRANTY.
- PROVIDE METAL DRIP CAP AT STARTER COURSES ABOVE GUTTERS
- 3. PROVIDE FLASHING AT ALL DOORS, WINDOWS, AND OTHER OPENINGS AND AS NECESSARY AND AS PER CODE TO PREVENT MOISTURE PENETRATION.
- 4. METAL FLASHING, COUNTER FLASHING, AND COPING SHALL BE MIN #26 GAUGE NON CORROSIVE METÁL AND SHALL BE USED AT ALL STEPS, VALLEYS, AND COUNTERS
- . MECHANICAL/PLUMBING/ ELECTRICAL CONTRACTORS SHALL BE REQUIRED TO SEAL ALL HORIZONTAL & VERTICAL PENETRATIONS IN THE EXTERIOR WALL CAUSED BY THEIR TRADE
- 6. GENERAL CONTRACTOR IS RESPONSIBLE TO LOCATE AND PROVIDE NECESSARY STRUCTURAL. MECHANICAL
- ELECTRICAL AND PLUMBING SLEEVES, ANCHORS, VENT OPENINGS ETC., THAT MIGHT BE REQUIRED.
- 1. ALL WALL PLATES IN CONTACT W/ MASONRY OR CONC. SURFACE SHALL BE PRESSURE TREATED.
- 2. ALL STUDS TO BE 2X4 OR 2X6 STUD GRADE SPF WITH 2" CDX PLYWOOD EXTERIOR SHEATHING OR EQUAL.
- .  $\,$  ALL JOISTS AND RAFTERS TO BE SPRUCE/PINE/FIR #2 AND BETTER. ROOF SHEATHING TO BE  $rac{1}{2}$ " THK. C.D.X. ALL FLOOR SHEATHING TO BE 3/4" T & G C.D.X. EXCEPT AREAS TO RECEIVE HARDWOOD FLOORING TO BE 1/2" C.D.X. PLYWOOD SUBFLOOR. ALL PLYWOOD SUBFLOOR TO BE GLUED TO JOISTS WITH APPROVED
- CONSTRUCTION ADHESIVE AND NAILED PER BLDG CODE 4.  $\,$  MANUFACTURED TRUSS JOIST SHALL BE INSTALLED IN ACCORDANCE WITH ALL MANUFACTURER'S SPECIFICATIONS TRUSS JOIST SHALL BE TRUSS JOIST MACMILLAN TJI-PRO 250 OR TJI PRO 350 OR EQUAL WITH RIM JOIST AS PER MFGR. SPECS. PROVIDE APPROVED CRUSH BLOCKS AT ALL POINT LOADS AND ALL BEARING POINTS AS RECOMMENDED BY MANUFACTURER

- 5. PRECAST CONC, & LAMINATED WD BEAMS AND COLUMNS TO BE BUILT AND INSTALLED IN ACCORDANCE W/ ALL MANUFACTURER'S SPECIFICATIONS AND AS REQUIRED BY LOCAL CODES, RESTRICTIONS, AND REGULATIONS.
- 6. PROVIDE APPROVED JOIST HANGERS AT ALL FLUSH JOIST-TO-JOIST AND JOIST-TO-BEAM CONNECTIONS
- 7. HEADERS IN ALL BEARING PARTITIONS AND BEARING WALLS TO BE SOLID DIMENSIONAL LUMBER SIZED AS INDICATED ON FRAMING PLANS W/3" SOLID PLYWOOD BETWEEN UNLESS OTHERWISE NOTED. LAMINATED HEADERS AND BEAMS SHALL BE NAILED AS PER MANUFACTURER'S SPECIFICATIONS.
- 8. ALL HEADERS IN EXCESS OF 4'-0" SHALL HAVE MIN. (2) TRIMMER JACKS ON EACH SIDE
- 9. PROVIDE ADDITIONAL JOIST OR TRUSS UNDER INTERIOR PARTITIONS RUNNING PARALLEL TO FLOOR JOIST AND HAVING A LENGTH GREATER THAN 6'-0". DOUBLE JOIST UNDER BATHTUBS OR SPACE JOIST AT 12" O.C.
- 10. ALL BEARING PARTITIONS SHALL HAVE 2 TOP PLATES STAGGER SPLICES 4'-0" MIN. SPLICES SHALL BE CENTERED OVER TOP OF STUDS. STUDS SHALL ALIGN WITH JOISTS AND RAFTERS ABOVE AND BELOW
- 11. PROVIDE 2X FIRESTOP BLOCKING AS REQUIRED BY CODE THROUGHOUT.
- 12. HOLES BORED OR CUT INTO JOISTS SHALL NOT OCCUR WITHIN 2" OF TOP OR BOTTOM OF JOISTS NOR IN CENTER ONE THIRD OF JOIST SPAN AND THE DIAMETER OF HOLES SHALL NOT EXCEED ONE THIRD OF THE DEPTH OF THE JOIST. NOTCHES SHALL NOT OCCUR IN TENSION SIDE OF JOIST. NOTCHES IN COMPRESSION SIDE OF JOISTS SHALL NOT OCCUR IN THE CENTER ONE THIRD OF THE SPAN AND SHALL NOT EXCEED ONE SIXTH OF THE DEPTH OF THE JOIST.
- 13 WHERE THE INSTALLATION OF PLUMBING HEATING OR OTHER PIPES NECESSITATES THE CUTTING OF TOP PLATES MORE THAN ONE HALF THEIR WIDTH A METAL TIE NOT LESS THAN 18 GAUGE AND 1 1/2" IN WIDTH SHALL BE FASTENED TO THE PLATE ACROSS AND TO EACH SIDE OF THE OPENING WITH NOT LESS THAN (4) 16 PENNY
- 14. THE DIAMETER OF HOLES BORED IN BEARING WALL STUDS SHALL NOT EXCEED ONE THIRD THE WIDTH OF THE STUD. WHERE STUDS ARE CUT OR BORED IN EXCESS OF ONE THIRD THE WIDTH OF THE STUD IT SHALL BE REINFORCED TO BE EQUAL IN LOAD CARRYING CAPACITY TO A STUD NOTCHED NOT MORE THAN ONE THIRD ITS DEPTH.
- STEEL LINTELS: (FOR EACH 4" THICKNESS OF MASONRY WALL) ANGLE SIZE BEARING LENGTH UP TO 3'-11" L3 ½" X 3½" X 5/16 4'-0" TO 5'-11" L4" X 3½" X 5/16

## 6'-0" TO 7'-11" L5" X 3½" X 5/16 8'-0" TO 10'-0" W8X15 W/ SUSPENDED PLATE

WOOD LINTEL/HEADER TABLE <u>OPENING WIDTH</u> <u>WOOD SIZE</u> <u>BEARING</u> 0 TO 3'-0" 2-2X6

3'-1" TO 5'-0" 2-2X8 5'-1" TO 6'-0" 2-2X10

REINFORCED CMU LINTELS: PROVIDE A MINIMUM OF 8" BEARING AT EACH END OPENING WIDTH LINTEL SIZE AND REINFORCING

WALL THICKNESS X 8" DEEP, REINFORCED W/ 2#4 BOTTOM UP TO 8" THICK, REINFORCED W/3#4 BOTTOM OVER 8" THICK WALL THICKNESS X 16" DEEP, REINFORCED

BOTTOM UP TO 8" THICK, REINFORCED W/ 3#5 BOTTOM OVER 8" THICK & #3 STIRRUPS @ 6" o.c. PRECAST CONCRETE LINTELS: PROVIDE A MINIMUM OF 8" BEARING AT EACH END

OPENING WIDTH LINTEL SIZE AND REINFORCING WALL THICKNESS X 8" DEEP, REINFORCED W/2#4 BOTTOM

- WALL THICKNESS X 16" DEEP, REINFORCED W/ 2#5 BOTTOM
- 16. THE CONTRACTOR SHALL VERIFY ALL OPENINGS BELOW LINTELS INDICATED ARE ADEQUATE TO ACCEPT DOOR FRAMES, LOUVERS ETC. ARE SHOWN ON THE ARCHITECTURAL AND MECHANICAL DRAWINGS. NOTIFY THE ARCHITECT AND STRUCTURAL ENGINEER OF ANY DISCREPANCIES PRIOR TO LINTEL INSTALLATION.
- 17. NO OPENINGS SHALL BE PLACED ABOVE ANY LINTEL WITHIN A HEIGHT LESS THAN OR EQUAL TO THE WIDTH OF THE CLEAR OPENING BELOW THE LINTEL, UNLESS SPECIFICALLY SHOWN OR APPROVED BY THE STRUCTURAL

- 1. ALL EXTERIOR WOOD CORNICE AND TRIM SHALL BE PRIMED ON ALL SIDES PRIOR TO INSTALLATION
- 2. ALL INTERIOR WALLS AND CEILINGS TO BE  $\frac{1}{2}$ " THICK GYPSUM WALLBOARD EXCEPT AS OTHERWISE NOTED.
- 3. SHOWER AND TUB WALLS ARE TO BE CERAMIC TILE ON CEMENTINOUS TILE BACKER BOARD.
- 4. INTERIOR TRIM AND MOULDINGS INCLUDING BASE, CASINGS, CROWN, CHAIRRAIL, ETC. SHALL BE AS DETAILED AND/OR AS SELECTED BY OWNER

## INSULATION:

- INSULATION IN EXTERIOR WALLS, FLOORS, OR CEILINGS SHALL BE PAPER BACKED BLANKET OR ROLL TYPE FIBERGLASS WITH VAPOR BARRIER.
- 2. INSULATION IN EXT. WOOD FRAME WALLS TO BE R-13 NOM. 38 AT 2X4 WALLS AND R-19 5 1/2" AT 2X6 WALLS
- INSULATION IN FLAT CEILINGS ADJACENT TO ATTIC SPACES TO BE NOM. 10" (R-30)
- 4. PROVIDE R-13 INSULATION W/ FOIL VAPOR BARRIER AT CONC. FOUNDATION WALLS 5. NEW DOORS AND WINDOWS ARE REQ'D TO HAVE AN R-2.8 RATING MIN.

## DRAINAGE OF FOOTINGS:

- UNLESS OTHERWISE NOTED, PROVIDE PERIMETER BASEMENT WALLS WITH 4" OR 6"G, DIAMETER PERFORATED, CORRUGATED PLASTIC DRAIN LAID ON 2" GRAVEL BASE W/ 6" -8" GRAVEL COVER WITH JOINTS COVERED WITH FILTER CLOTH FOR PERFORATED TILE.
- 2. SLOPE DRAIN TILE AS REQUIRED TO DRAIN TO STORM SEWER OR OUTFALL
- 3. PUT 18" OF GRAVEL ALL AROUND FOUNDATION.

## DAMPPROOFING FOR CONCRETE AND MASONRY FOUNDATIONS:

- 1. EXTERIOR FOUNDATION WALLS OF CONSTRUCTION ENCLOSING BASEMENTS SHALL BE PORTLAND CEMENT PARGING TO THE WALL FROM FOOTING TO FINISH GRADE.
- THE PARING SHALL BE COVERED WITH A COAT OF APPROVED BITUMINOUS MATERIAL APPLIED AT THE RECOMMENDED RATE.

## REINFORCING:

- REINFORCING STEEL SHALL BE HIGH STRENGTH NEW BILLET STEEL CONFORMING TO ASTM A615 -95C, GRADE 60 (60'000 PSI).
- 2. WELDED WIRE FABRIC (WWF) SHALL CONFORM TO ASTM A 185.
- 3. ALL REINFORCING SHALL BE DETAILED FABRICATED AND PLACED IN ACCORDANCE WITH THE
- ACI'S "MANUAL OF STANDARD PRACTICE FOR DETAILING CONCRETE STRUCTURES" (ACI 315). 4.  $\,$  DETAILS OF REINFORCEMENT SHALL CONFIRM TO ACI 318 - 95, ACI 315 - 74 AND CRSI STANDARDS.
- ALL REINFORCING STEEL MARKED " CONTINUOUS " SHALL BE LAPPED 36 BAR DIAMETERS ST SPLICED AND AROUND CORNER OR INTERSECTION WITH A STANDARD 90 DEGREE BEND ON CORNER BARS.
- 6. LAP WELDED WIRE MESH ONE FULL MESH AT SIDE AND END LAPS.
- SLABS ON GRADE SHALL BE 4" THK. CONCRETE AND REINFORCED WITH 6"X6" W1.4XW1.4 WWF LAP MESH 8" IN EACH DIRECTION. PLACE CONCRETE OVER 4 MIL. POLYETHYLENE VAPOR BARRIER AND 4" MINIMUM OF COARSE AGGREGATE OR AS RECOMMENDED BY SOILS ENGINEER. THE AGGREGATE LAYER SHALL BE PLACED OVER FIRM NATURAL SUB GRADE OR ON COMPACTED OR AND CONTROLLED FILL. FILL UNDER SLABS SHALL BE COMPACTED IN 8" LAYERS TO 95% MAXIMUM DENSITY. USE AIR ENTRAINED CONCRETE AT ALL EXTERIOR SLABS. POUR SLABS IN ALTERNATE PANELS WITH MAXIMUM OF 600 SQUARE FEET AND PROVIDE CONTROL & CONSTRUCTION JOINTS AT 30'-0" MAXIMUM OR AS REQUIRED TO PREVENT UNCONTROLLED CRACKING.

## CODE DATA:

OCCUPANCY TYPE: NEW CONSTRUCTION NO. OF STORIES: 2+CRAWL

MATERIAL SCHEDULE:

CONCRETE BLOCK

SOLID CONCRETE BLOCK

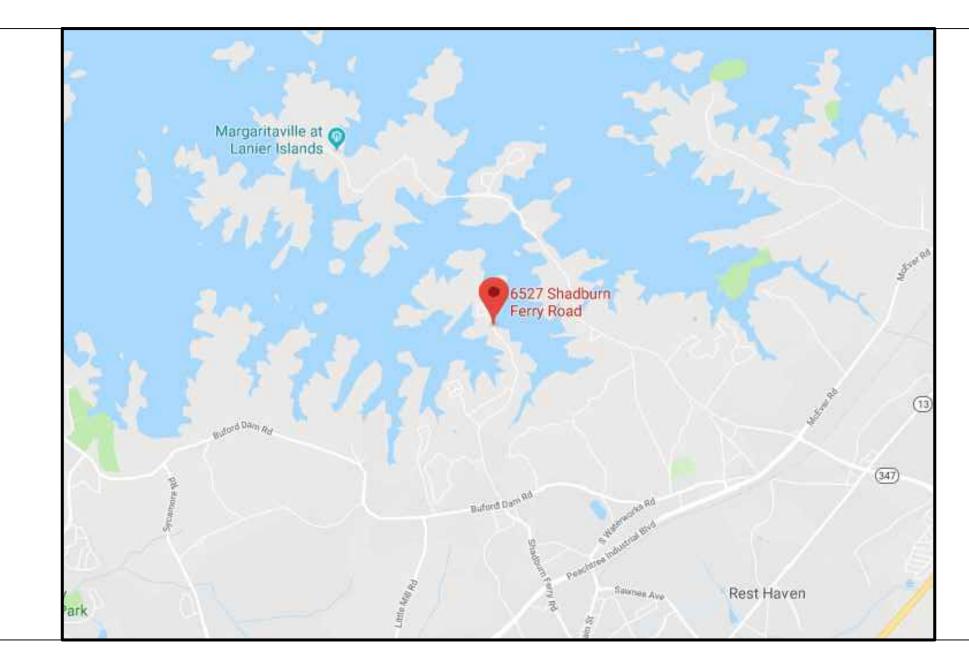
C.W.G.

DIA. OR ¢

DWG(S)

DIM.

THIS BUILDING WAS DESIGNED IN ACCORDANCE WITH THE INTERNATIONAL RESIDENTIAL CODE FOR ONE & TWO FAMILY DWELLINGS - 2012 EDITION WITH 2007, 2008, 2009, 2010 & 2017 GEORGIA STATE AMENDMENTS



## SHEET INDEX:

CS COVER SHEET SP SITE PLAN

## ARCHITECTURAL:

A1 FOUNDATION PLAN

- A2 FLOOR PLAN BASEMENT
- A3 FLOOR PLAN MAIN FLOOR
- A4 FLOOR PLAN 2ND FLOOR
- A5 ROOF PLAN
- A6 FRAMING PLACEMENT
- A7 ELECTRICAL PLAN BASEMENT A8 ELECTRICAL PLAN - MAIN FLOOR
- A9 ELECTRICAL PLAN 2ND FLOOR
- A10 ELEVATIONS A11 WALL & BUILDING SECTIONS
- A12 FOUNDATION DETAILS
- A13 DOOR/WINDOW SCHEDULE & INT. FIREPLACE SPEC.'S

## STRUCTURAL:

\_ \_ \_ \_

2 SOH

◆ 9'-6" AFF

- F1 MAIN FLOOR FRAMING (BY OTHERS)
- F2 2ND FLOOR FRAMING (BY OTHERS) F3 2ND FLOOR CL.'G FRAMING (BY OTHERS)
  - SQ. FT. DATA
  - GARAGE UNFINISHED 1,995 SQ.FT. GARAGE UNFINISHED
  - 440 SQ.FT. MAIN FLOOR FINISHED 1,930 SQ.FT. SECOND FLOOR FINISHED
  - 2,177 SQ.FT. TOTAL UNFINISHED 1,635 SQ.FT. TOTAL FINISHED 4,107 SQ.FT.
  - 5,742 SQ.FT. TOTAL UNDER ROOF

    - **KEYED NOTE**
    - PARTITION TYPE

**DEMOLITION** 

**ELEVATION** 

CEILING HEIGHT

WITHOUT

SHELVES

WEATHERPROOF or WATERPROOF

WATER CLOSET or

WALL COVERING

WELDED WIRE MESH

W.M.A.S.

W.W.M.

VINYL COMPOSITION TILE VERIFY IN FIELD

WALL MOUNTED ADJUSTABLE

COLUMN CENTERLINE

- NEW CONSTRUCTION 7.11 **ELEVATION**
- DETAIL A-1

SYMBOLS:

NORTH ARROW

- **ENLARGED DETAIL**
- WINDOW SYMBOL
- - DOOR SYMBOL

  - **ROOM NUMBER & TITLE**

NOT IN CONTRACT NUMBER

**OUTSIDE DIAMETER** 

NOT TO SCALE

ON CENTER

OVERHEAD

OPENING

- 100 BEDROM
  - MISCELLANEOUS MASONRY OPENING METAL THRESHOLD
- HEIGHT HOLLOW METAL HORIZONTAL HOUR HIGH POINT INSIDE DIAMETER INSULATION JANITOR CLOSET

HOSE BIBB

HEAD

- LAMINATE LOW POINT MAXIMUM
- MECHANICAL MEMBRANE
- MAX. MECH. MEMB

PLYWOOD or PARTICLE

- MET. or MTL
  - MEDICINE CABINET
  - MANUFACTURE(R)
- MFG(R)
- - MANHOLE
- PLYWD. PREFAB. PREFIN. P.T.D. REINF. REQ'D

N.I.C. NO.

N.T.S.

OFF. OVHD.

OPNG.

- PLYWOOD **PREFABRICATE PREFINISHED** PAINTED **QUARRY TILE** RISER or RADIUS REINFORCE(MENT) or REINFORCING REQUIRED
- PARTITION PAPER TOWEL DISPENSER
- SOH. SPECS SPECIFICATIONS **SQUARE** SQ. or曲 STRUCT.

R.O.

SEAL.

SECT

STAINLESS STEEL STANDARD STORAGE TELEPHONE TONGUE & GROOVE TYPICAL U.N.O.

ROUND

SOLID CORE SCHEDULE

**SEALANT** 

SECTION

ROUGH OPENING

SIMILAR OPPOSITE HAND SIDE

- STRUCTURE or STRUCTURAL TOILET PAPER HOLDER
  - UNLESS NOTED OTHERWISE PROJECT#

REVISIONS DESCRIPTION 4.15.18 PERMIT ISSUE: CA SHEET #



BI OCK

BLOCKING

BOTTOM

BEARING

**BUILT UP** 

BASEMENT

**CHALKBOARD** 

BLKG.

BOT.

BRG.

BSMT.

BONSAI ARCHITECTURAL DESIGNS LLC 7880 FLOYD LANE, GAINESVILLE GA 30506

FLUOR.

GALV.

G.W.B.

**FLUORESCENT** 

GALVANIZED

GYPSUM WALL BOARD

FOOTING

GAUGE

CLEAR WIRE GLASS

DRINKING FOUNTAIN

DOUBLE

DIAMETER

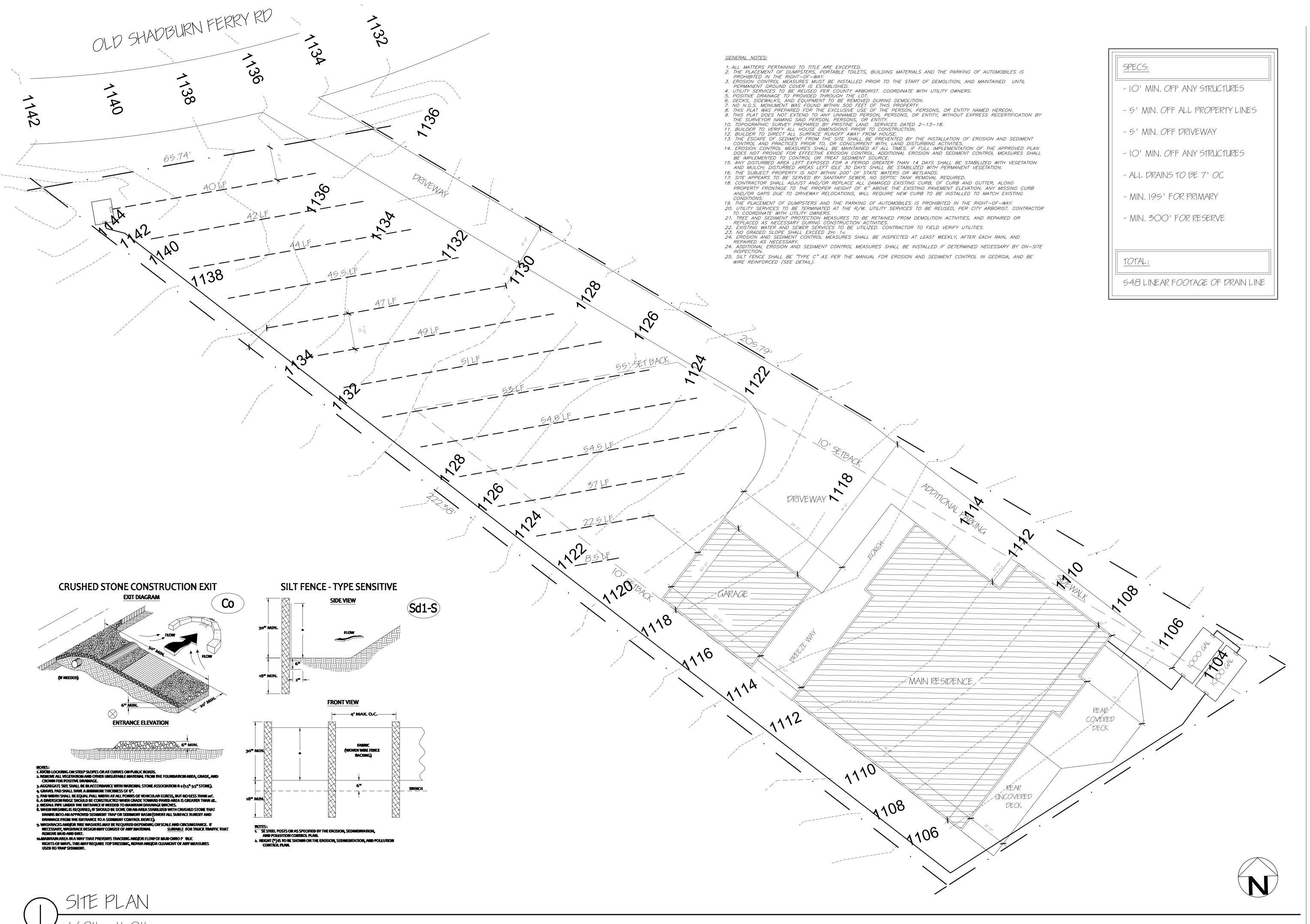
DIMENSION

DRAWING(S)

EXHAUST FAN

PHONE: 404.903.0124 EMAIL: COREY.BONSAIDESIGN@GMAIL.COM

	: CONCRETE				EXPANSION JOINT MATE	ERIAL
	GRAVEL or CRUS	SHED STONE			BATT INSULATION	
	STEEL				RIGID INSULATION or ROOF PLANK	
	COMPOSITION T	LE			GYPSUM BOARD or GYPSUM DECK	
	ROUGH WOOD C	CONTINUOUS			EARTH	
ADD. ADDITION A.F.F. ABOVE IN ALT. ALTERN ALUMIN AND ANGLE APPROX. ARCH. AT	IDITIONING N FINISHED FLOOR ATE	C.I. C.J. Q CLG. CLOS. or CL. CMU. C.O. COL. CONSTR. COORD. CORR. CONT. CONT. CONT. CONT.	CAST IRON CONTROL JOINT CENTERLINE CEILING CLOSET CONCRETE MASONRY UNIT CLEAN OUT COLUMN CONCRETE CONSTRUCTION COORDINATE or COORDINATION CORRUGATED or CORRIDOR CONTINUOUS CERAMIC TILE	Eg. E.J. ELEC. ELEV. EQ. EQUIP. EXH. EXIST. EXP. F.D. F.D. F.H.	EXTERIOR INSULATION & FINISH SYSTEM FOR EXAMPLE EXPANSION JOINT ELECTRIC(AL) ELEVATION OF ELEVATOR EQUAL EQUIPMENT EXHAUST EXISTING EXPANSION OF EXPOSED FLOOR DRAIN FOUNDATION FIRE HYDRANT FINISH	GYP. H.B. HD. HT. HM. HORIZ. HR. H.P. I.D. IN. INSUL. JAN. or J.C. JT. LAM.



BONSAI DESIGN COREY.BONSAIDESIGN@GMAIL.COM

REVISIONS

PERMIT PACKET

PERMIT PACKET

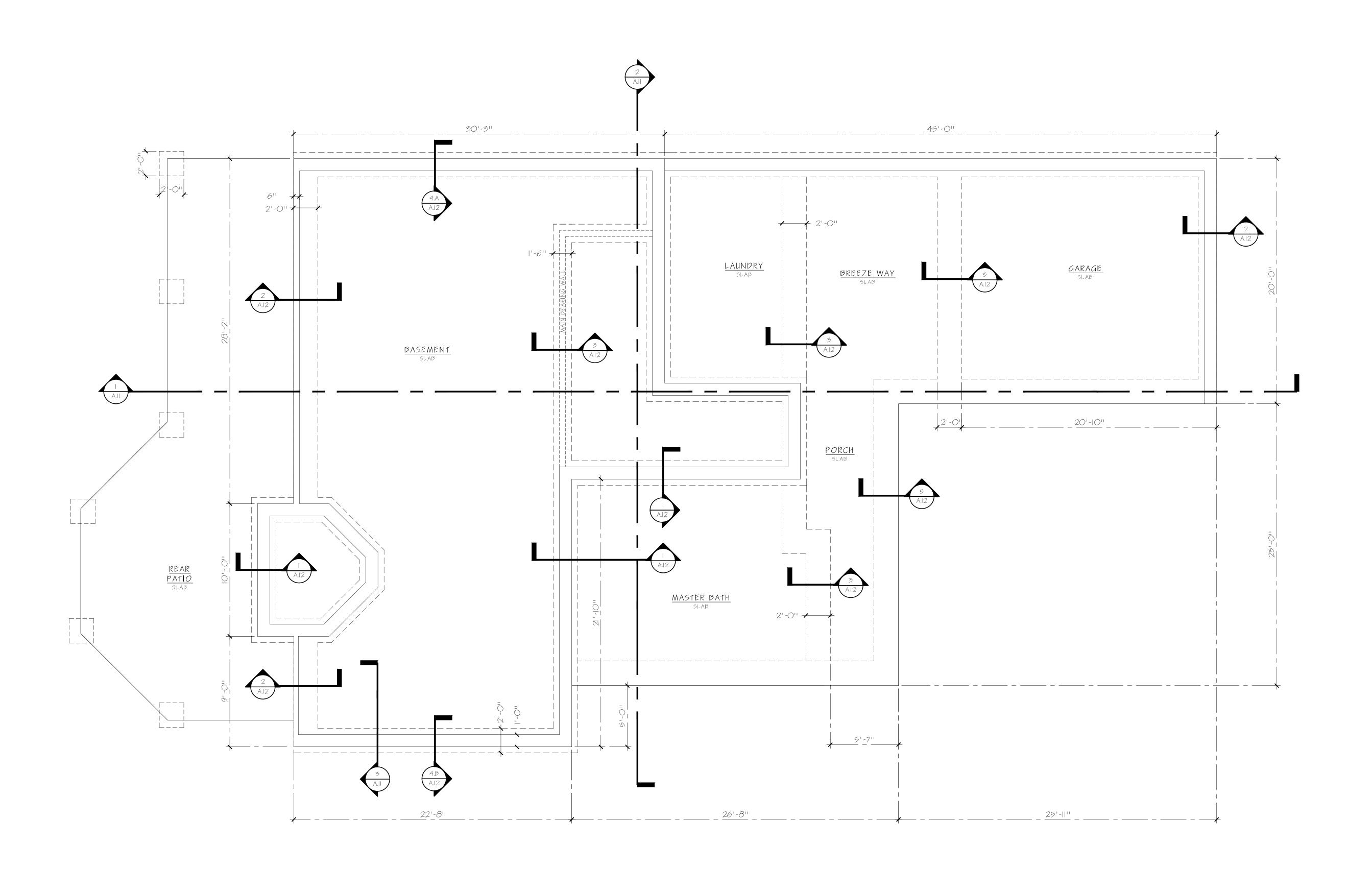
RELEASED FOR

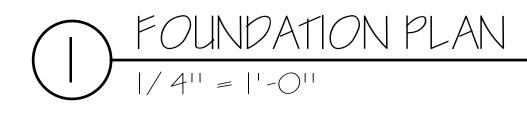
CONSTRUCTION

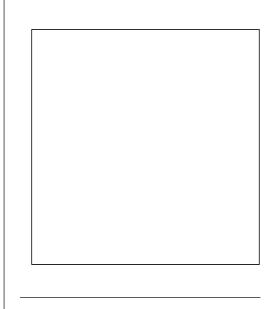
APRIL 17, 2018

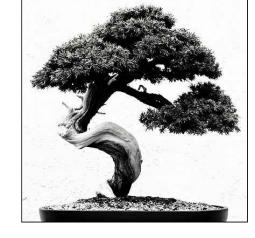
SITE PLAN

SHEET TITLE









BONSAL DESIGN COREY, BONSAIDESIGN @ GMAIL, COM

PERMIT PACKET

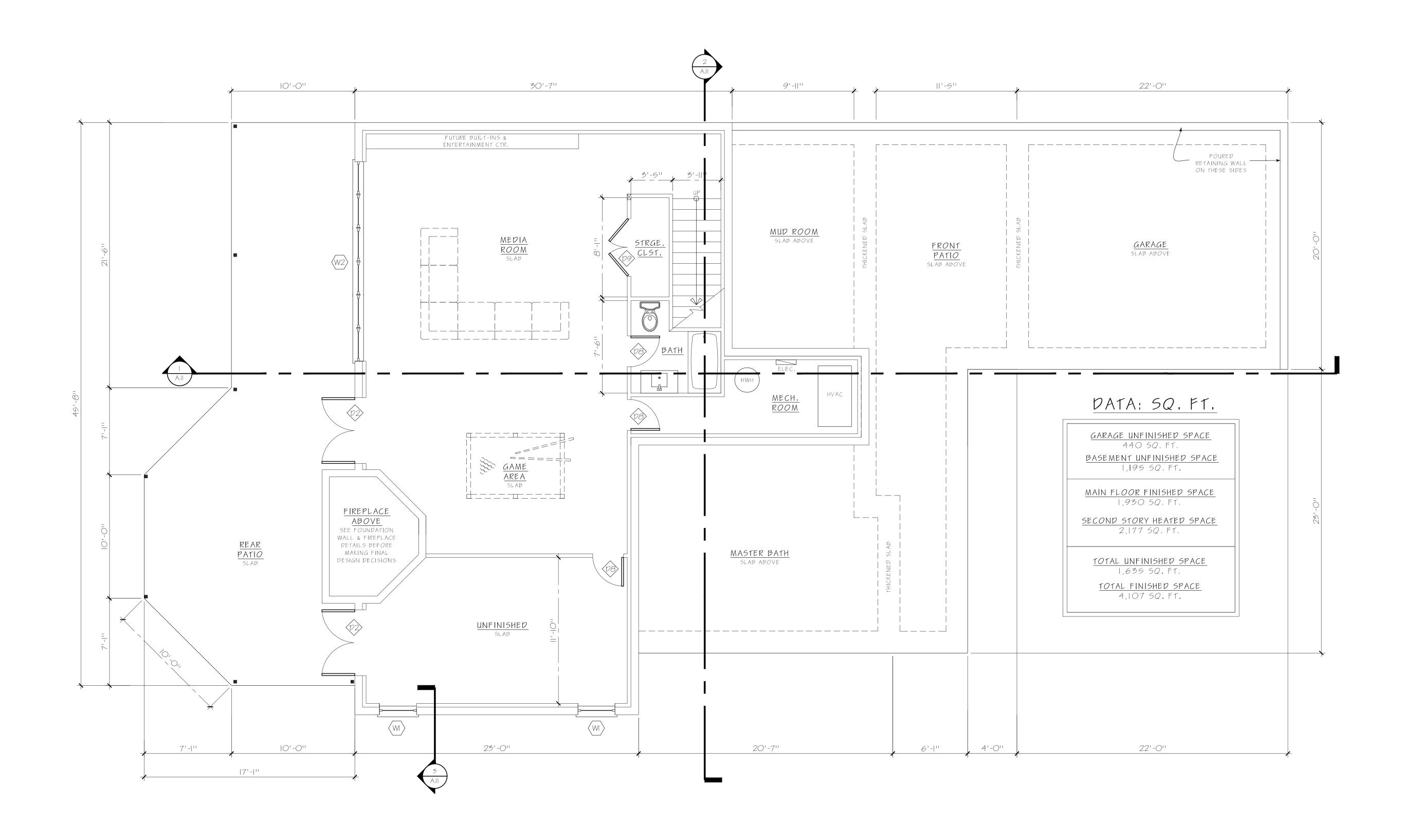
RELEASED FOR

CONSTRUCTION

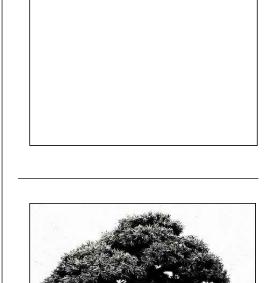
APRIL 17, 2018

SHEET TITLE

FOUNDATION PLAN









COREY,BONSAIDESIGN@GMAIL,COM

PERMIT PACKET

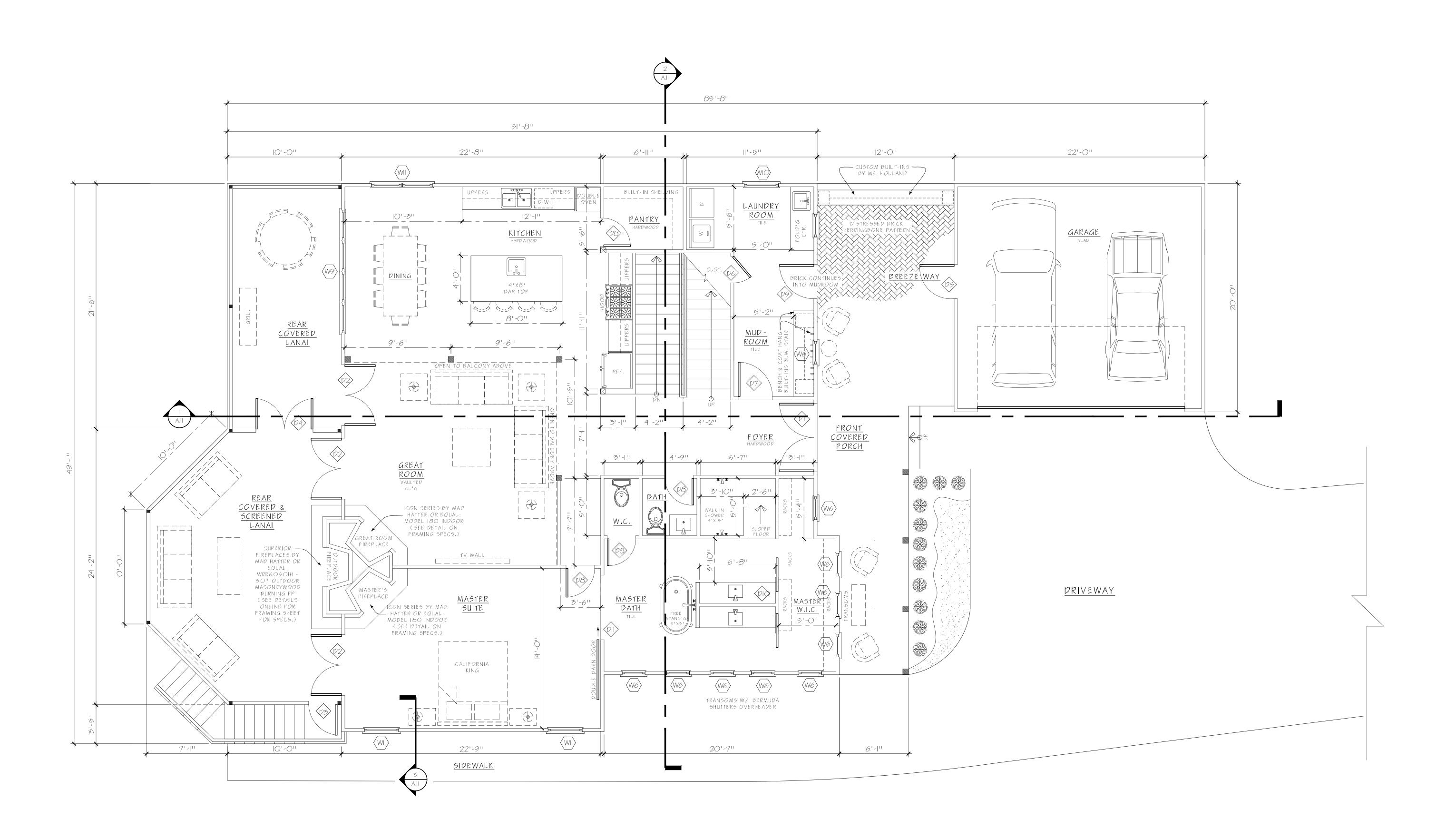
RELEASED FOR

CONSTRUCTION

APRIL 17, 2018

SHEET TITLE

FLOOR PLAN BASEMENT



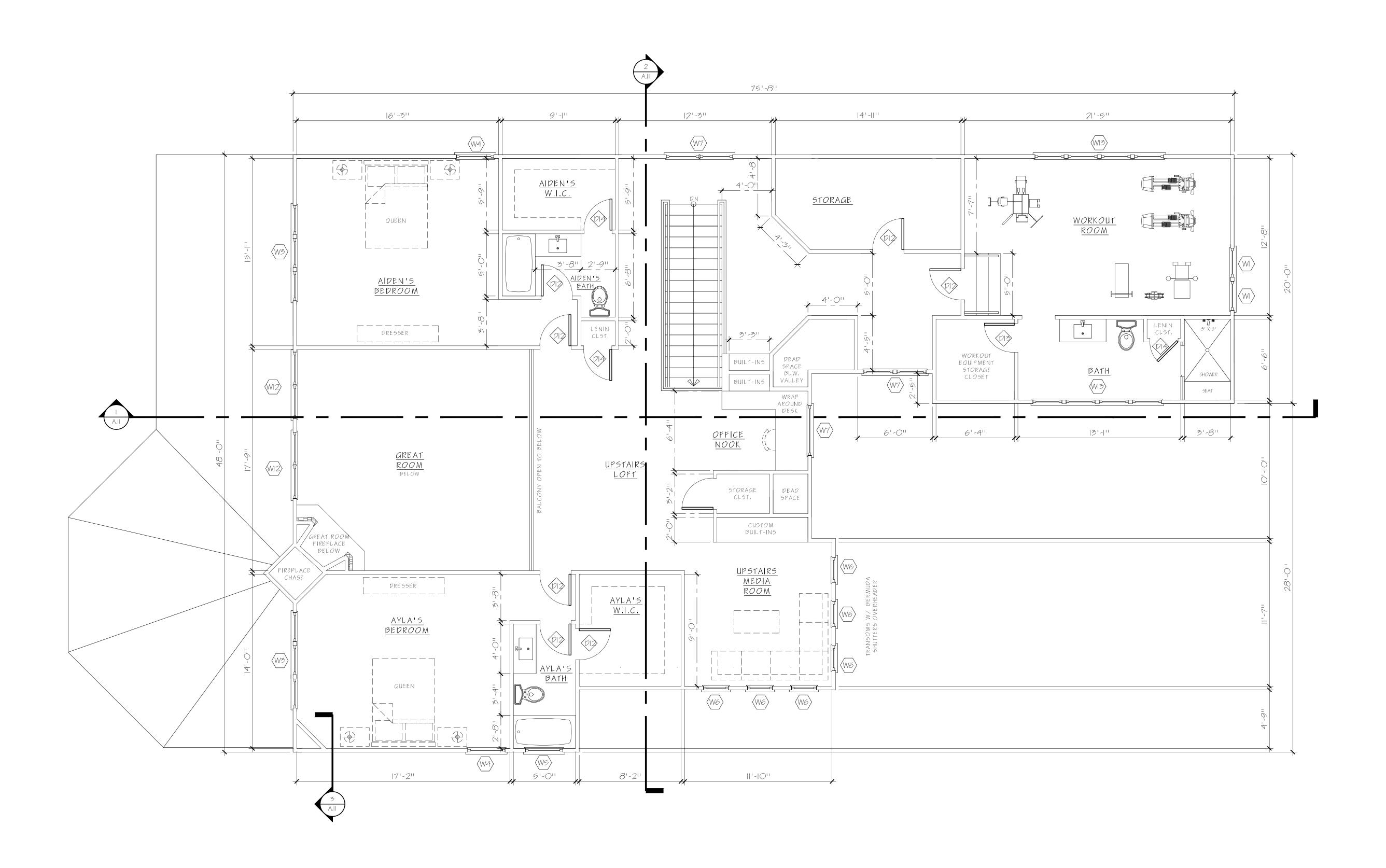


BONSAL DESIGN COREY, BONSAIDESIGN @ GMAIL, COM

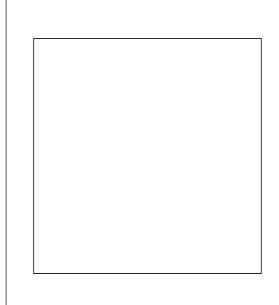
PERMIT PACKET
PERMIT PACKET
RELEASED FOR
CONSTRUCTION
APRIL 17, 2018
SHEET TITLE

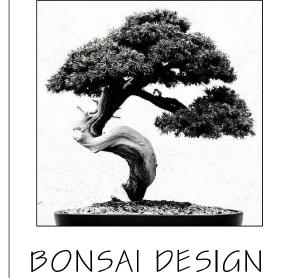
FLOOR PLAN MAIN FLOOR

 $\wedge$   $\overline{\mathcal{I}}$ 









COREY,BONSAIDESIGN@GMAIL,COM

REVISIONS

PERMIT PACKET

PERMIT PACKET

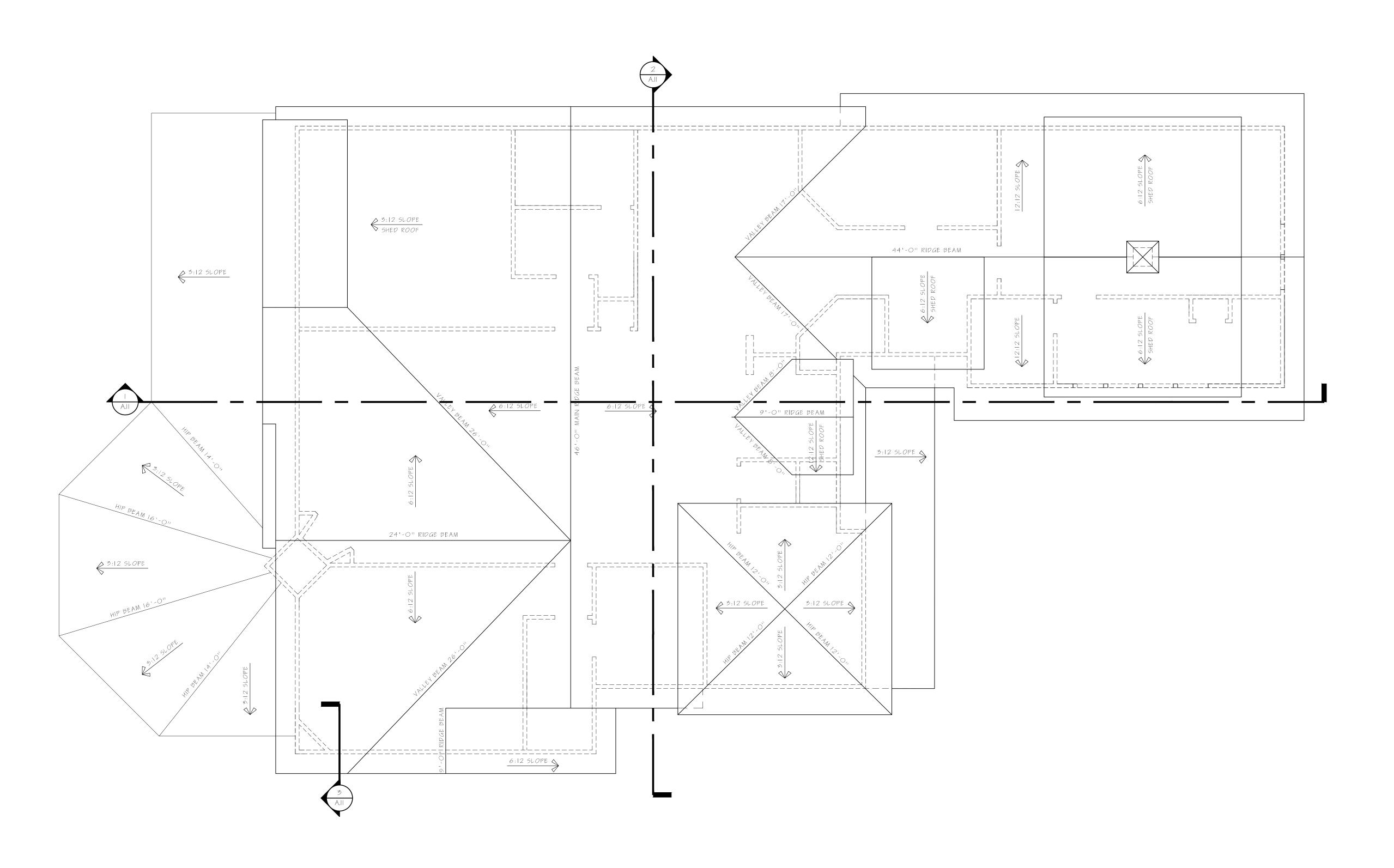
RELEASED FOR

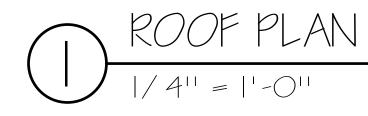
CONSTRUCTION

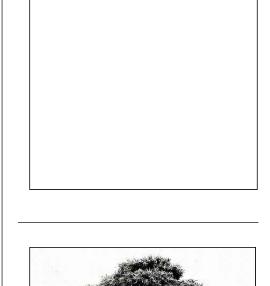
APRIL 17, 2018

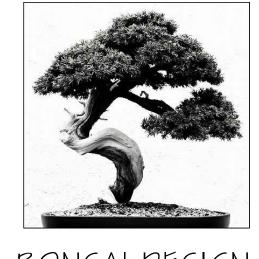
SHEET TITLE

FLOOR PLAN SECOND FLOOR







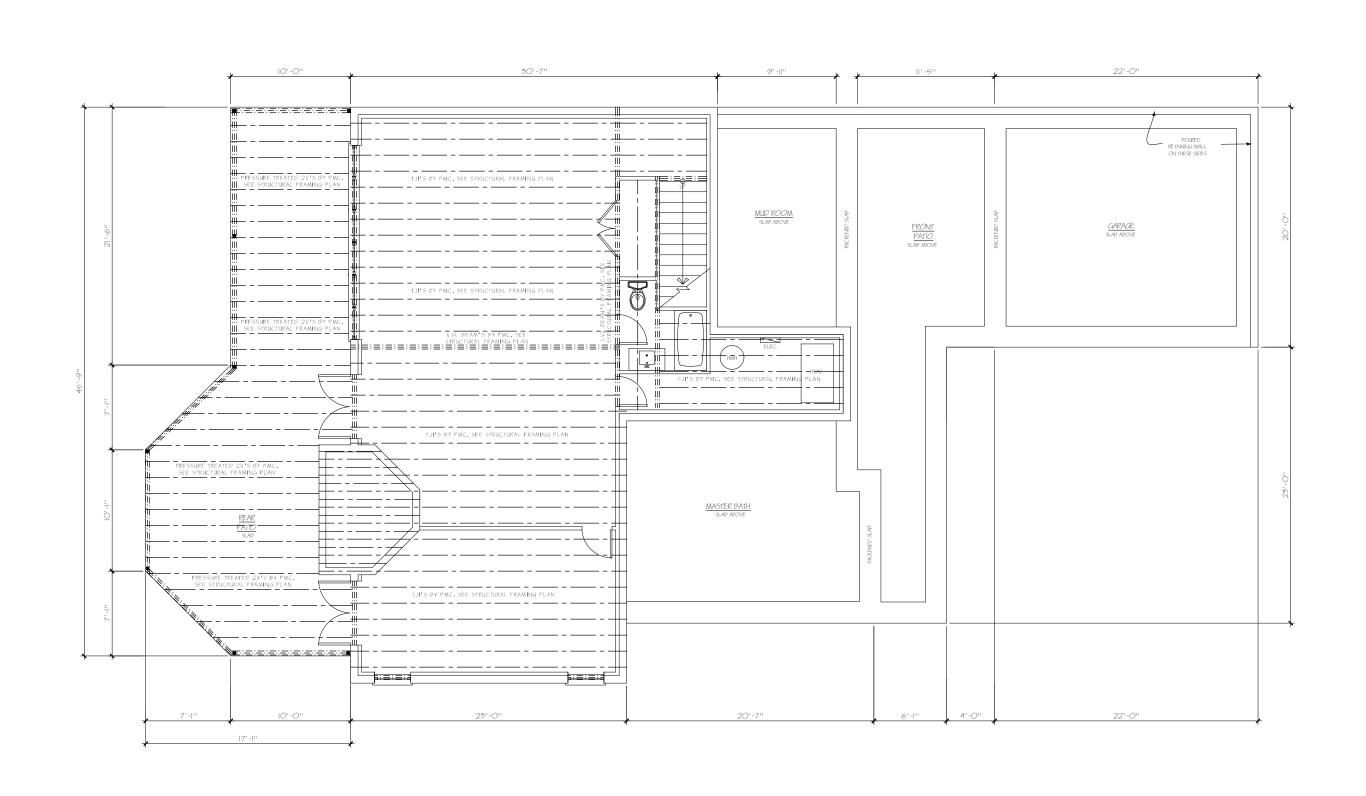


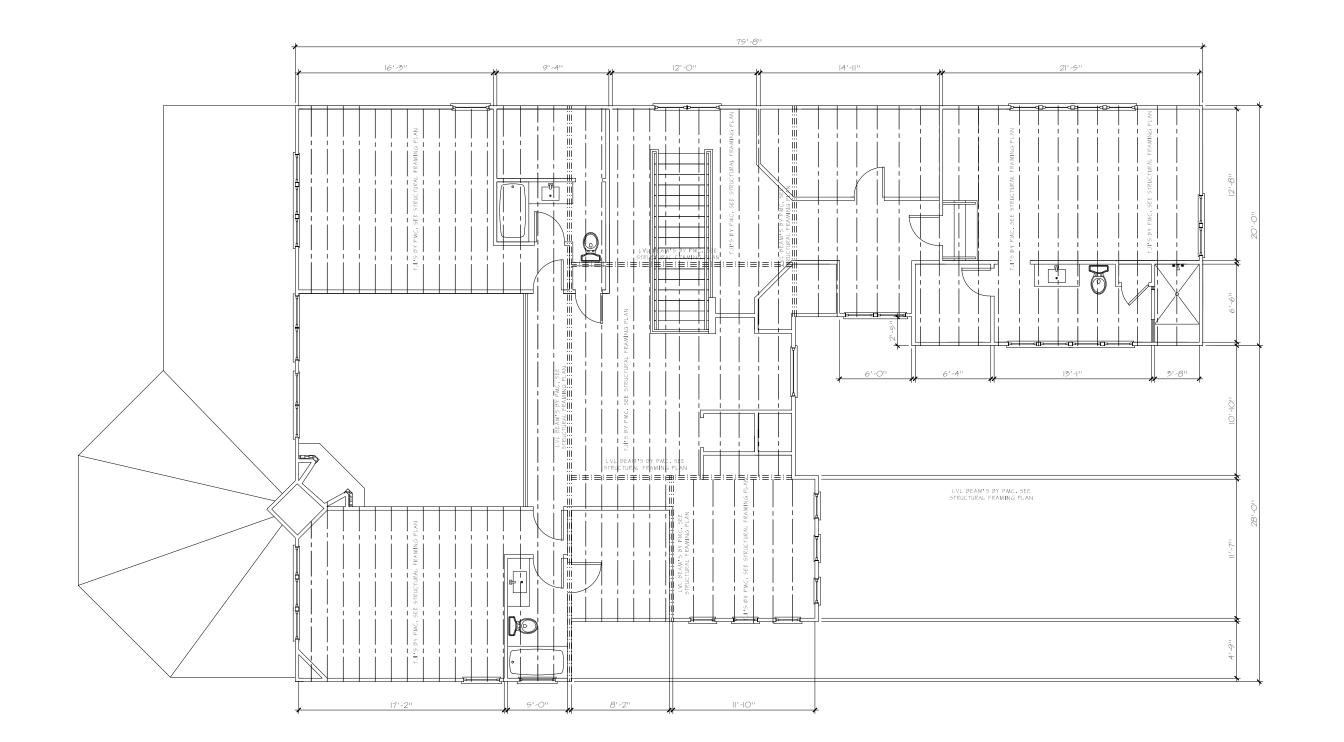
BONSAL DESIGN

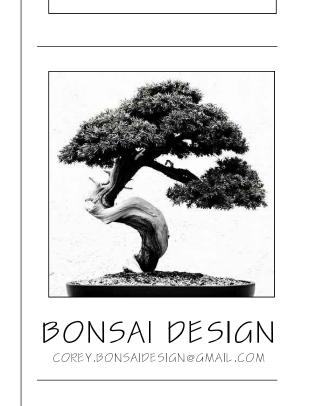
COREY, BONSAIDESIGN @ GMAIL, COM

PERMIT PACKET
PERMIT PACKET
RELEASED FOR
CONSTRUCTION
APRIL 17, 2018
SHEET TITLE

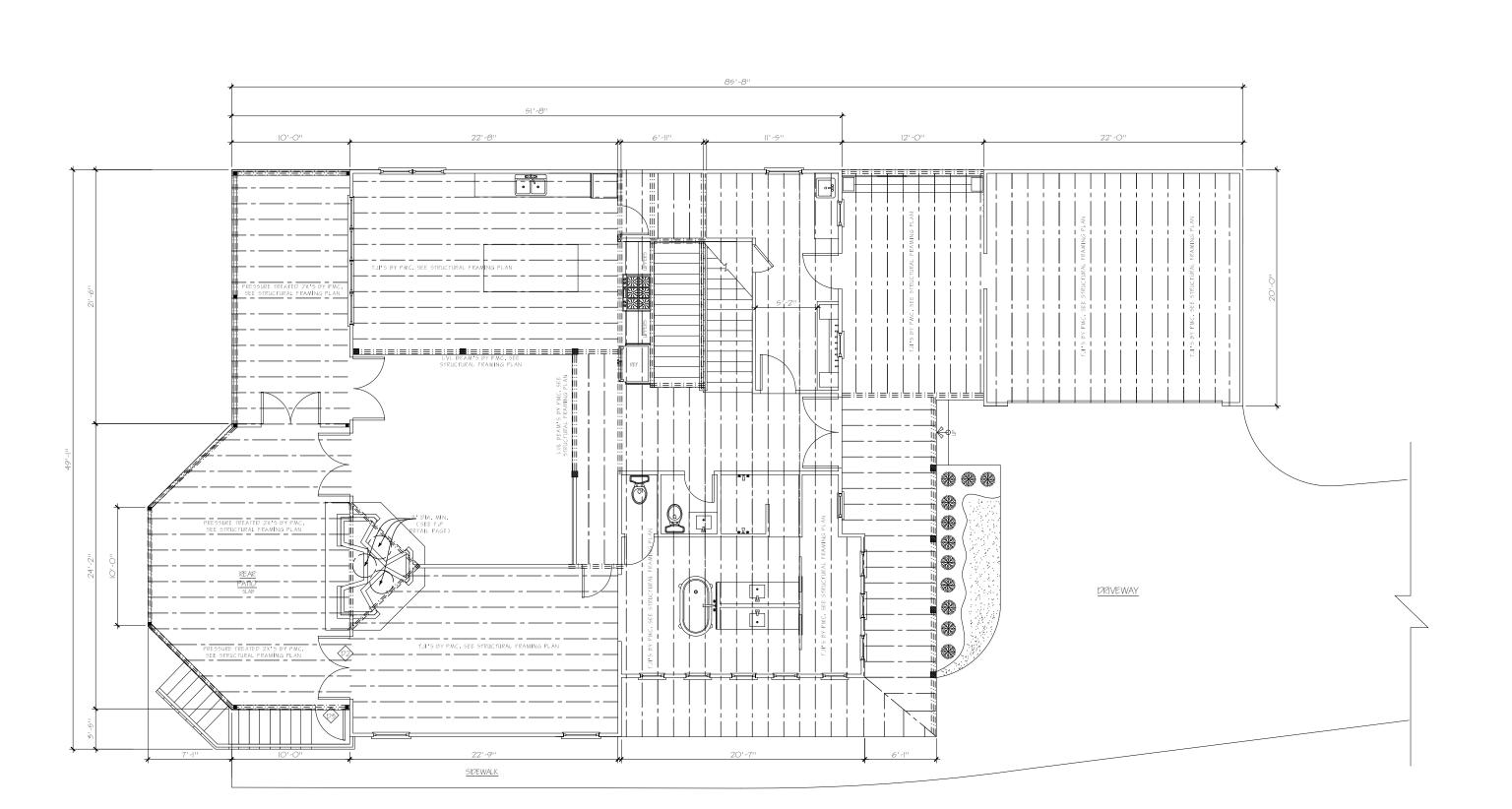
ROOF PLAN







FRAMING PLACEMENT - BASEMEN



FRAMING PLACEMENT - SECOND STORY

1/8" = 1'-0"

FRAMING PLACEMENT - ROOF PLAN

1/8" = 1'-0"

FRAMING PLACEMENT - MAIN FLOOR

PERMIT PACKET

RELEASED FOR

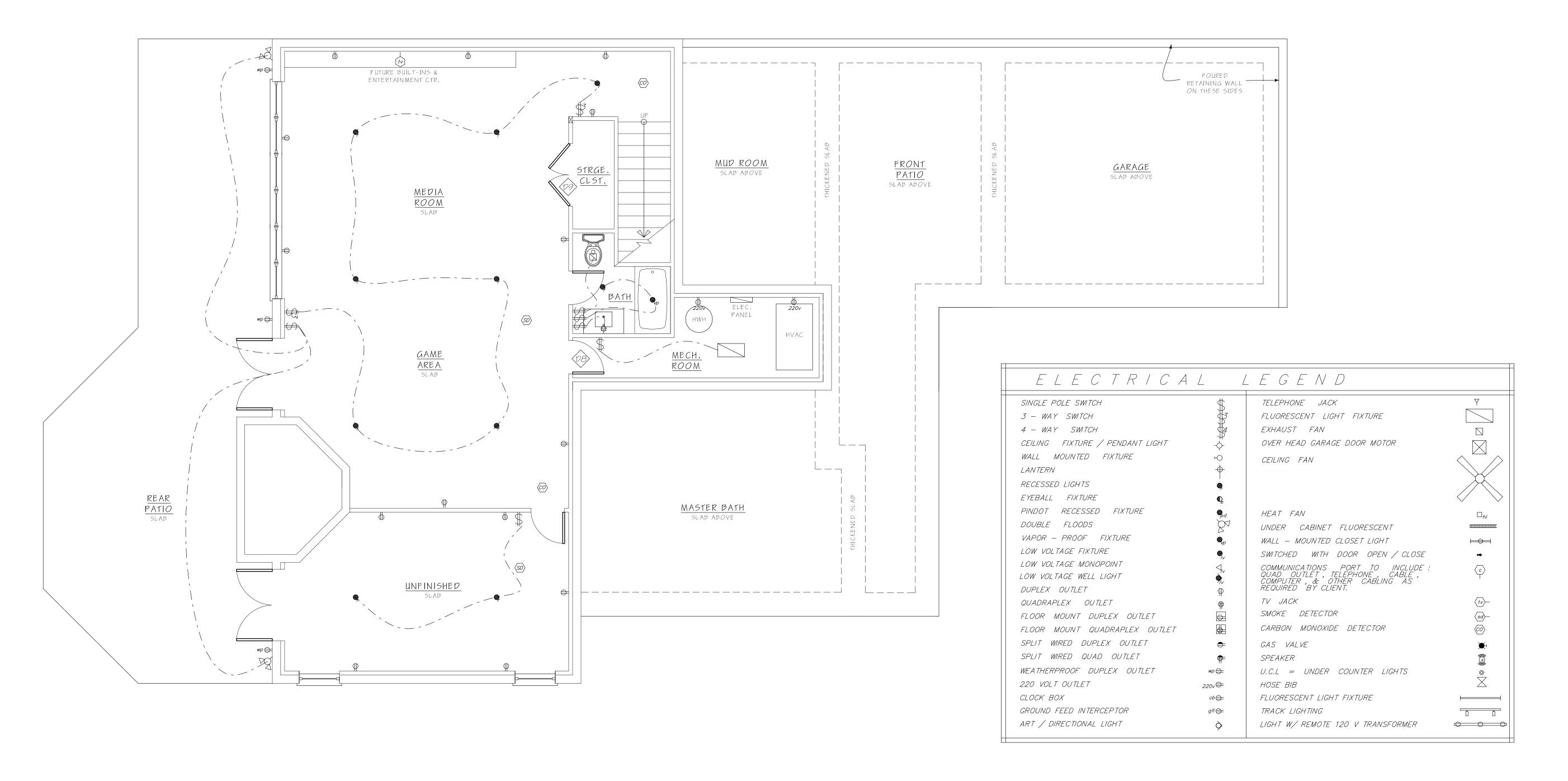
CONSTRUCTION

APRIL 17, 2018

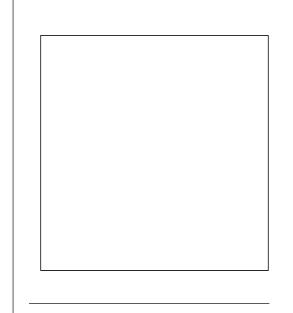
SHEET TITLE

FRAMING PLACEMENT

## 









BONSAL DESIGN COREY,BONSAIDESIGN@GMAIL,COM

PERMIT PACKET

PERMIT PACKET

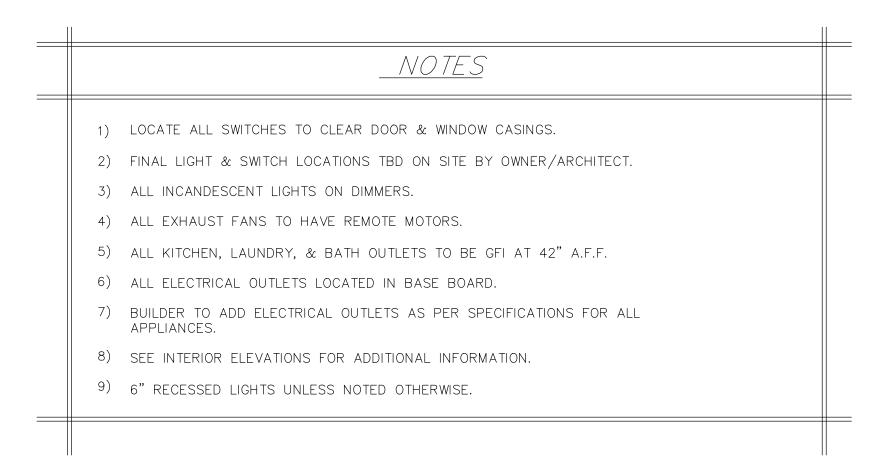
RELEASED FOR

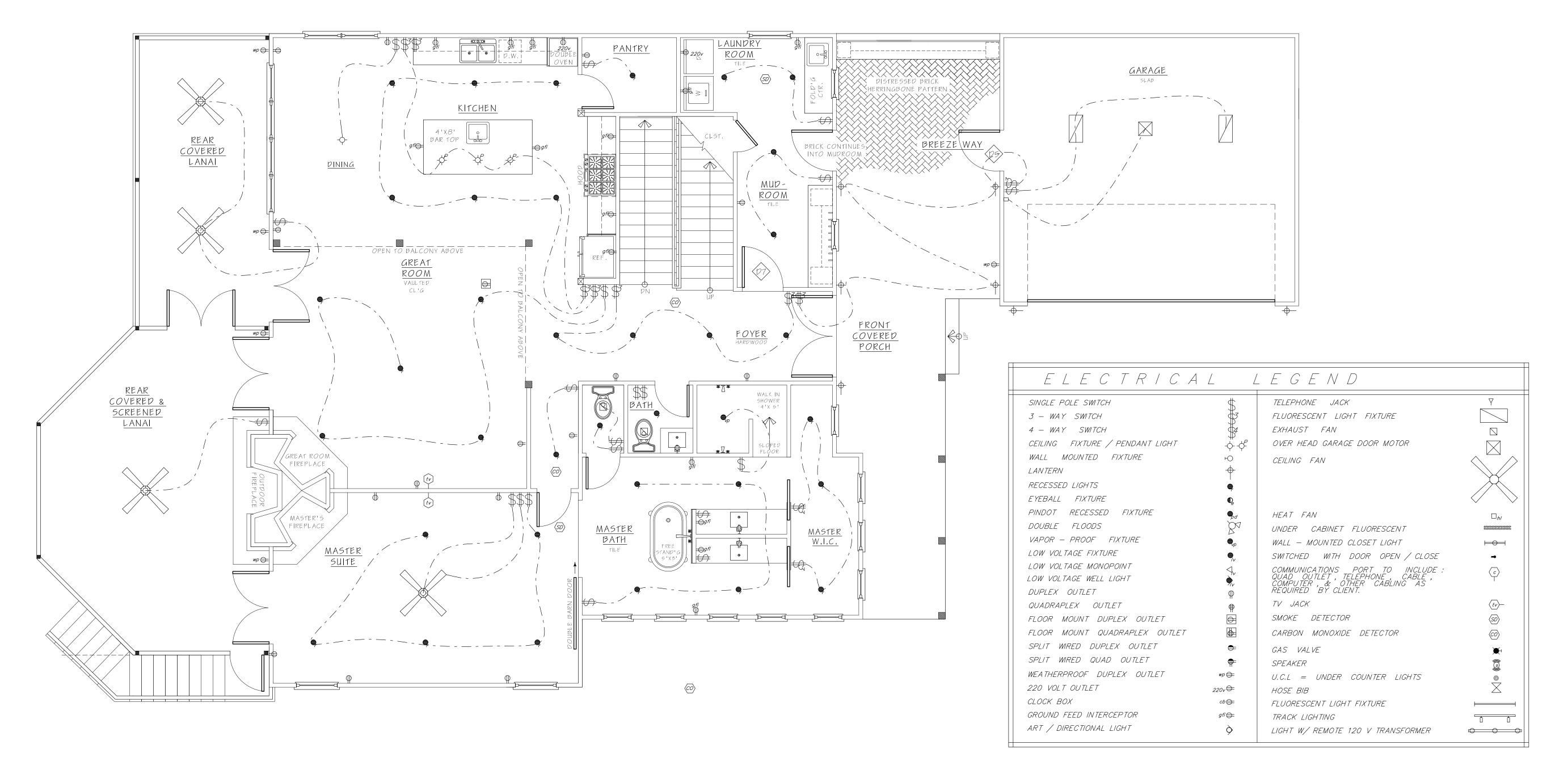
CONSTRUCTION

APRIL 17, 2018

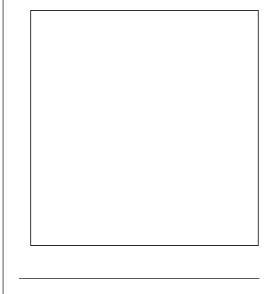
SHEET TITLE

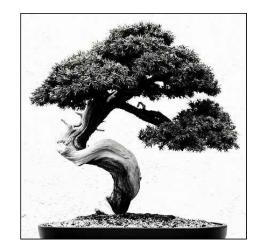
ELECTRICAL PLAN BASEMENT











BONSAL DESIGN COREY,BONSAIDESIGN@GMAIL.COM

PERMIT PACKET

PERMIT PACKET

RELEASED FOR

CONSTRUCTION

APRIL 17, 2018

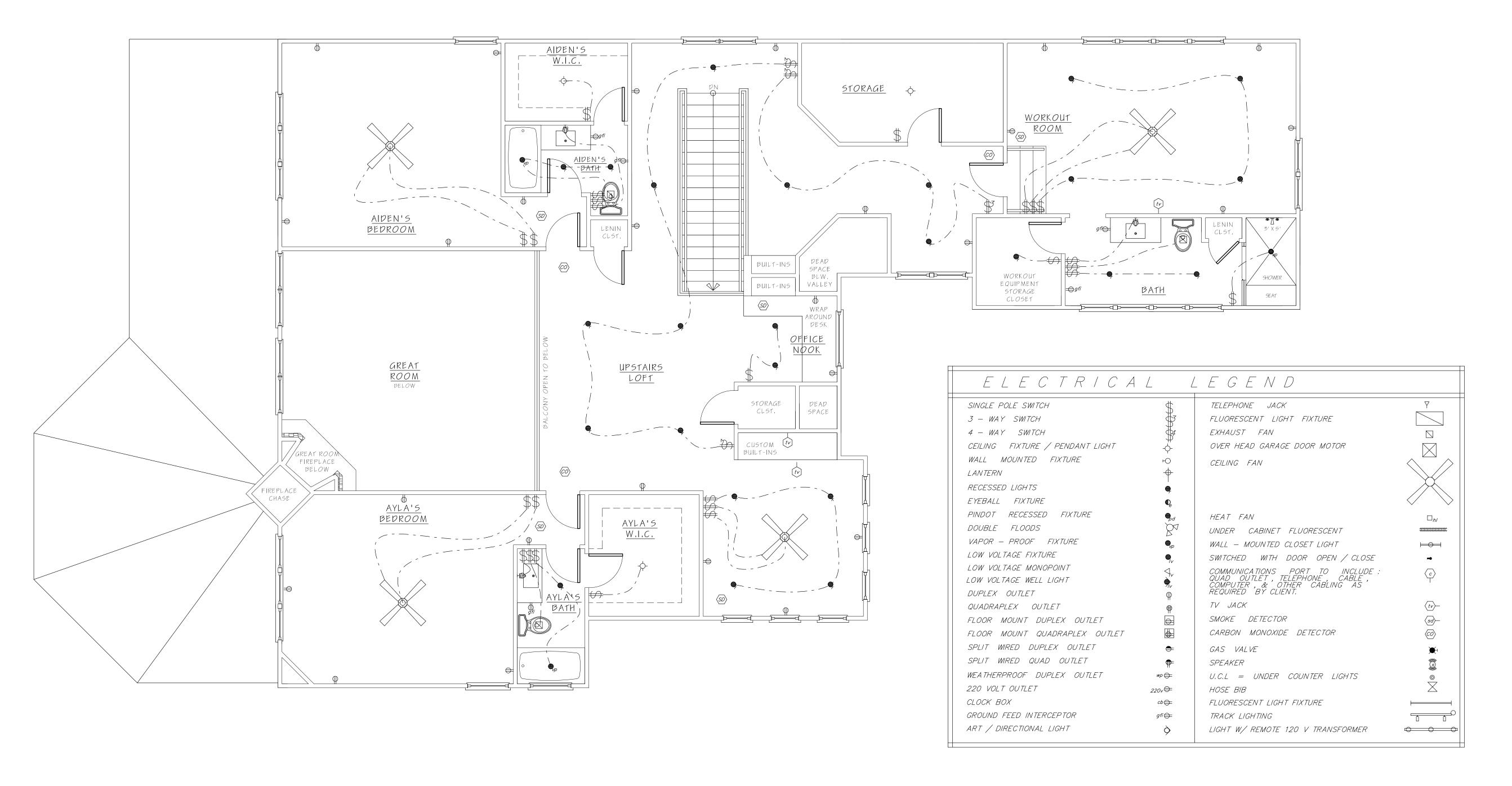
SHEET TITLE

ELECTRICAL PLAN MAIN FLOOR

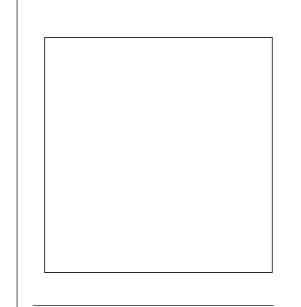


# 1) LOCATE ALL SWITCHES TO CLEAR DOOR & WINDOW CASINGS. 2) FINAL LIGHT & SWITCH LOCATIONS TBD ON SITE BY OWNER/ARCHITECT. 3) ALL INCANDESCENT LIGHTS ON DIMMERS. 4) ALL EXHAUST FANS TO HAVE REMOTE MOTORS. 5) ALL KITCHEN, LAUNDRY, & BATH OUTLETS TO BE GFI AT 42" A.F.F. 6) ALL ELECTRICAL OUTLETS LOCATED IN BASE BOARD. 7) BUILDER TO ADD ELECTRICAL OUTLETS AS PER SPECIFICATIONS FOR ALL APPLIANCES. 8) SEE INTERIOR ELEVATIONS FOR ADDITIONAL INFORMATION.

9) 6" RECESSED LIGHTS UNLESS NOTED OTHERWISE.









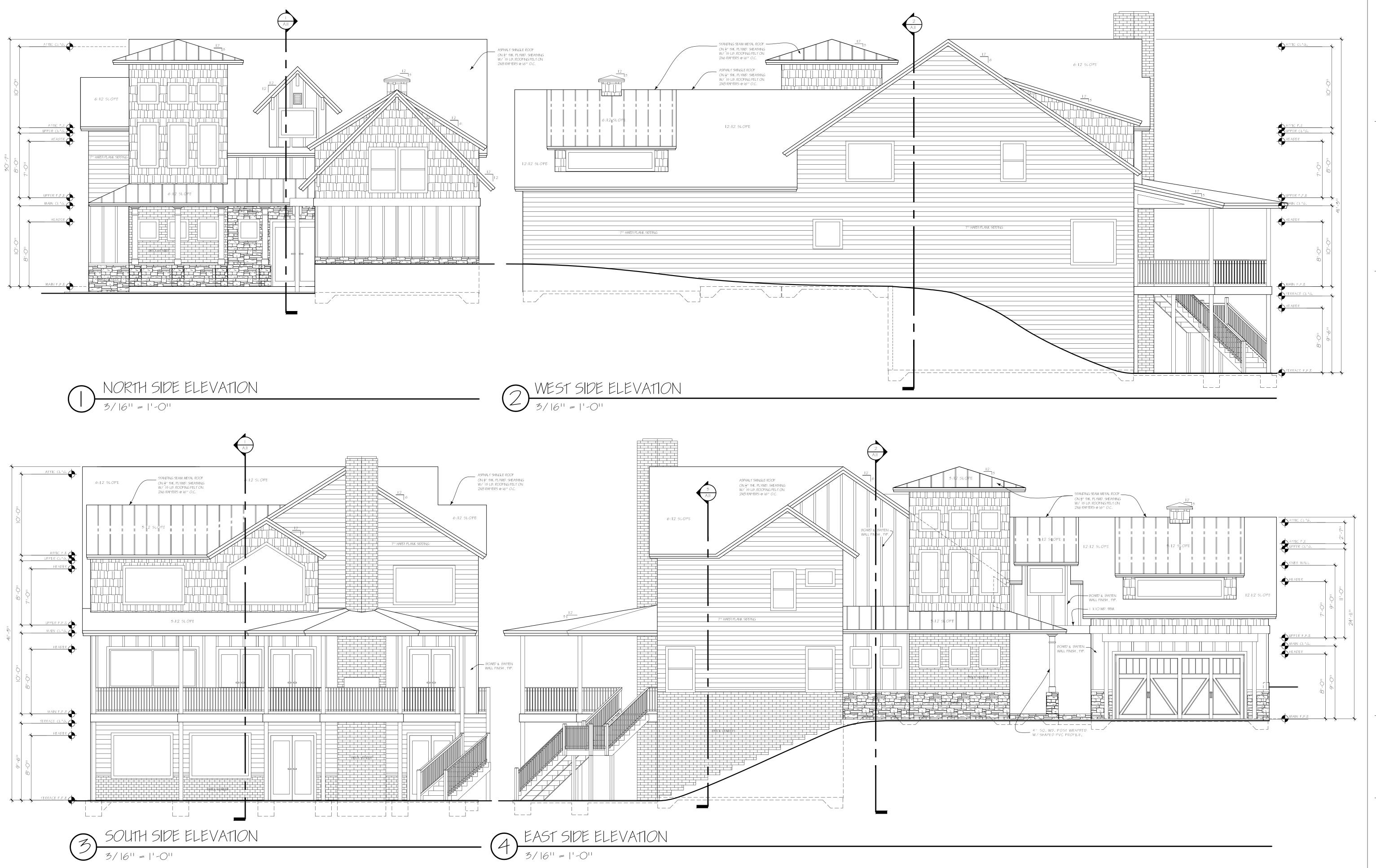
BONSAL DESIGN COREY,BONSAIDESIGN@GMAIL.COM

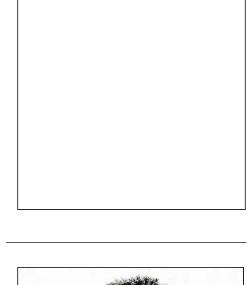
PERMIT PHASE
PERMIT PACKET
RELEASED FOR
CONSTRUCTION
APRIL 17, 2018

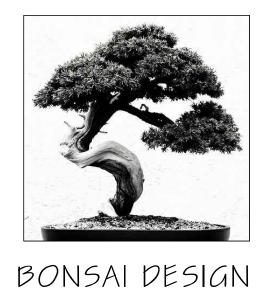
SHEET TITLE

ELECTRICAL PLAN SECOND FLOOR









COREY,BONSAIDESIGN@GMAIL,COM

PERMIT PACKET

PERMIT PACKET

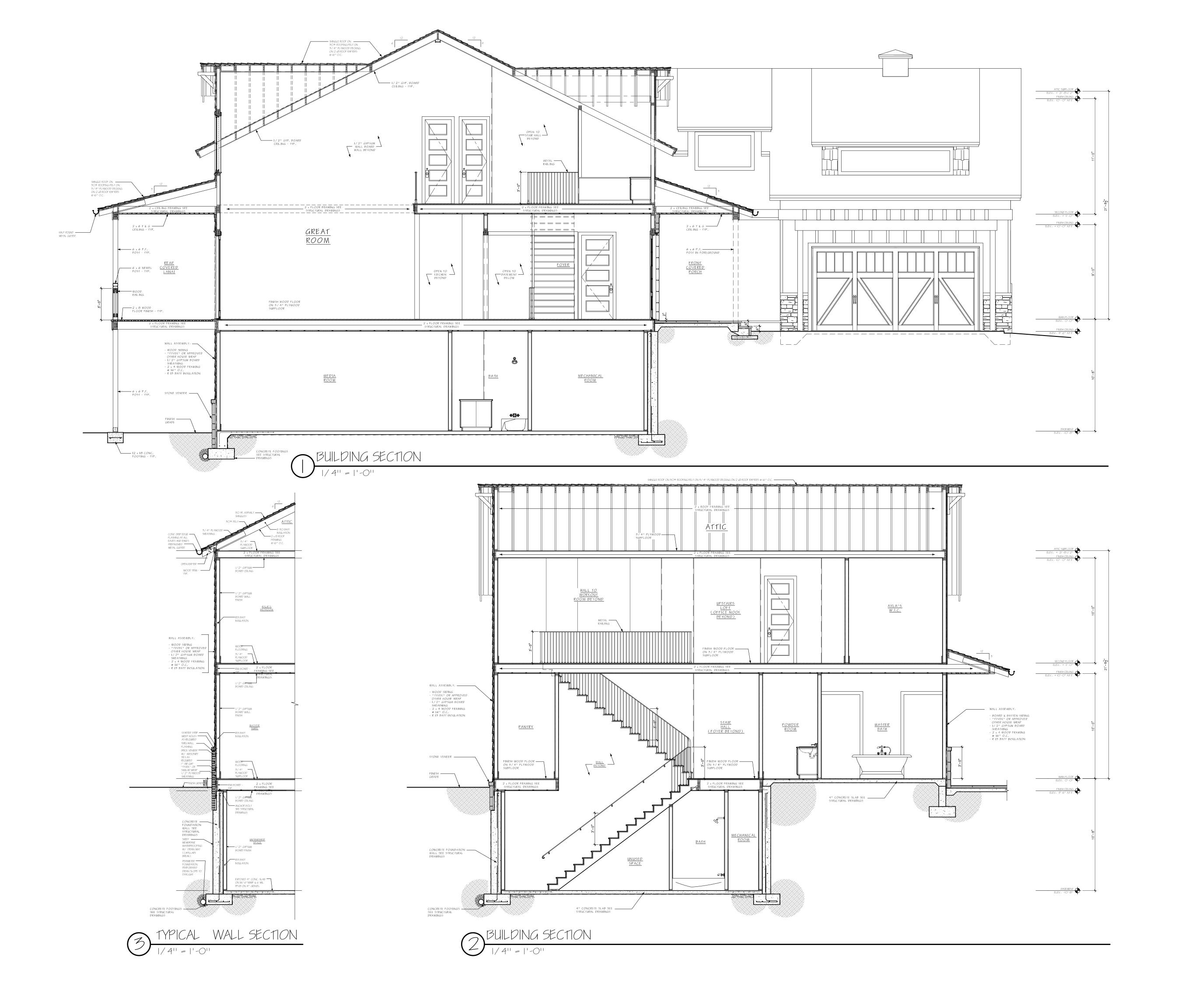
RELEASED FOR

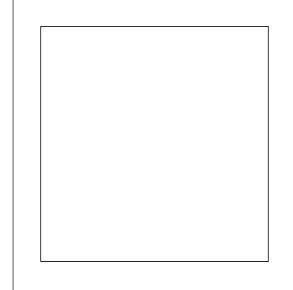
CONSTRUCTION

APRIL 17, 2018

SHEET TITLE

ELEVATIONS







BONSAL DESIGN COREY,BONSAIDESIGN@GMAIL.COM

PERMIT PACKET

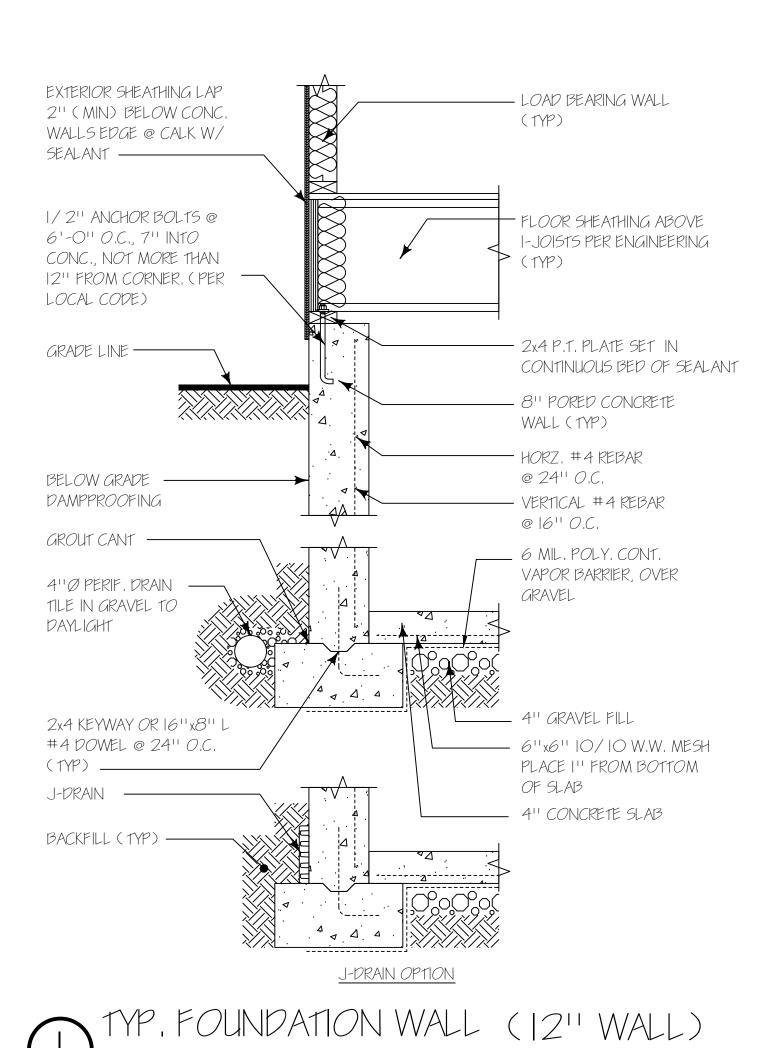
RELEASED FOR

CONSTRUCTION

APRIL 17, 2018

SHEET TITLE

WALL & BUILDING SECTIONS







## GENERAL:

ALL FLASHING THAT WILL BE IN CONTACT W/ MASONRY, CEMENTUOUS MATERIALS AND PRESSURE TREATED WOOD SHALL BE CORROSIVE RESISTANT

4" GRAVEL FILL OR COMPACTED FILL:

\*\*4" GRAVEL FILL UNDER MONO-SLAB

MAYBE OMITTED WHEN SLAB IS PLACED

ON WELL DRAINED SOIL CLASSIFIED

GROUP I PER IRC R405.I

(CLASSIFICATIONS GW, SW, GM, OR SM)

SLAB TENSION

I.5LB/YD FIBERMESH OR 6"x6" IO/IO W.W. MESH PLACE I" FROM BOTTOM OF SLAB AS SHOWN IN DETAILS (NOTE THAT THIS IS A NON-STRUCTIONAL ELEMENT)

ANCHOR BOLTS OR STRAPS

1/2" DIA @ 6'-O" O.C., 7" INTO CONC.,

NOT MORE THAN 12" FROM CORNERS,

AND WITHIN 12" OF PLATE ENDS OR

STRAPS MAY BE USED IN PLACE OF BOLTS

PER MANUF. SPECIFICATIONS (SIMPSON)

MABIS @ 2'-9" O.C.) OR EQUIVALENT

BRICK NOTES

\*\* PROVIDE MIN I'' AIR SPACE BETWEEN
BRICK AND SHEATHING

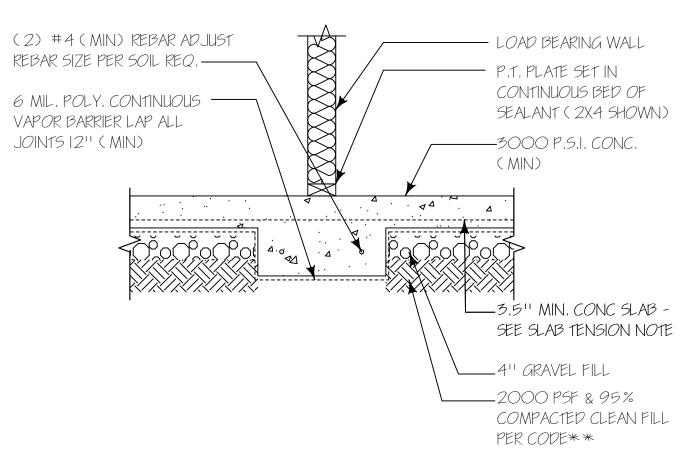
\*\* PROVIDE REQUIRED WEEP HOLES @
MIN 33" O.C.PER R7O3.2

\*\* PROVIDE REQUIRED WATER-RESISTIVE

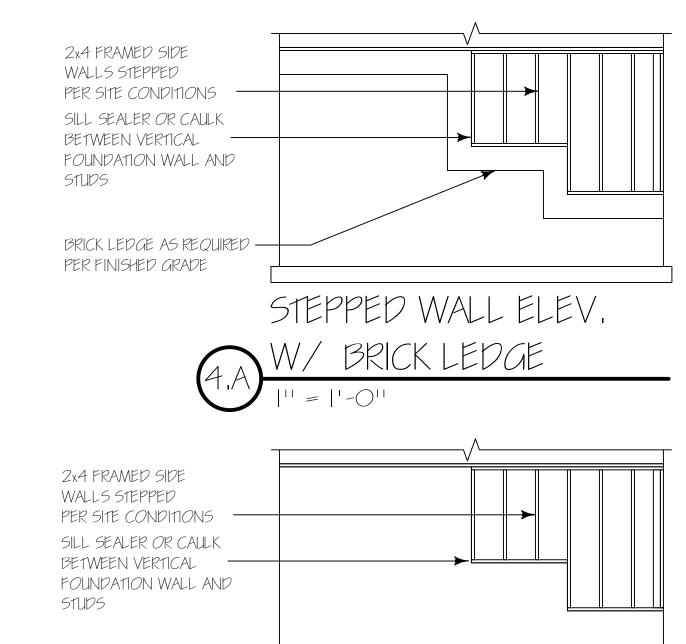
BARRIER OVER SHEATHING PER R703.2

ANCHOR BOLTS OR STRAPS. SEE GENERAL NOTES, (MUST MEET LOCAL CODE) EXTERIOR SHEATHING — 2x4 P.T. PLATE SET IN CONTINUOUS BED OF SEALANT - 3000 P.S.I. CONC. (MIN) ∟3.5" MIN. CONC SLAB -SEE SLAB TENSION NOTE COMPACTED FILL -(2) #4(MIN) REBAR — A'' GRAVEL FILL ADJUST REBAR SIZE PER -\_ 2000 PSF & 95% SOIL REQ. COMPACTED CLEAN FILL PER CODE\*\* 6 MIL. POLY. CONTINUOUS VAPOR BARRIER LAP ALL -1'-5" (MIN) WIDE FOOTING ON 3 STORY JOINTS 12" (MIN) WALLS

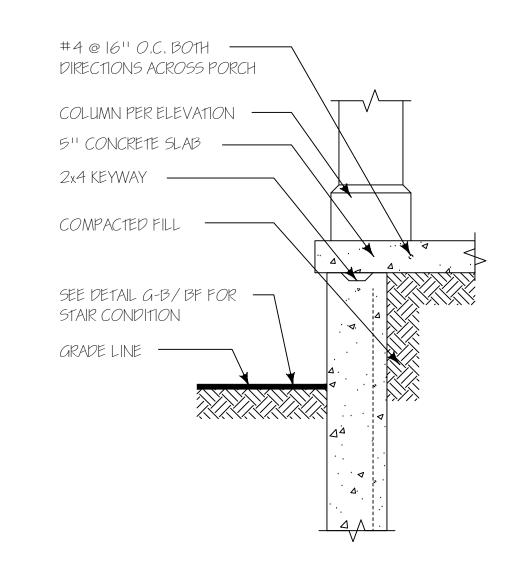
- LOAD BEARING WALL

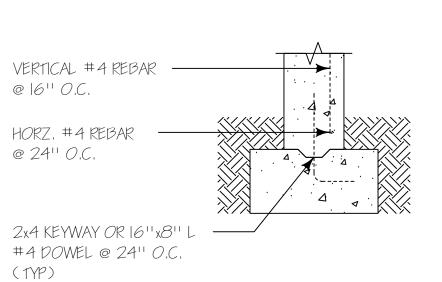


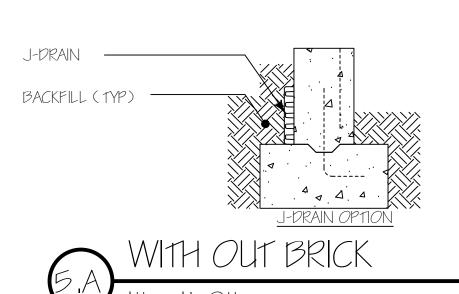


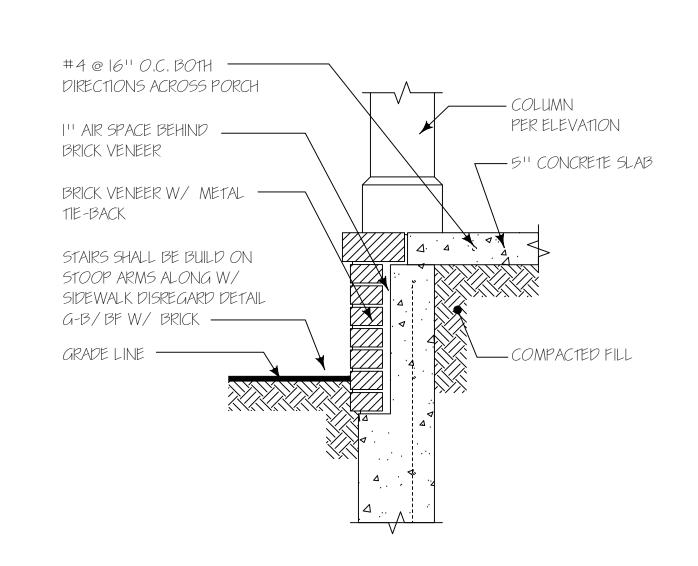


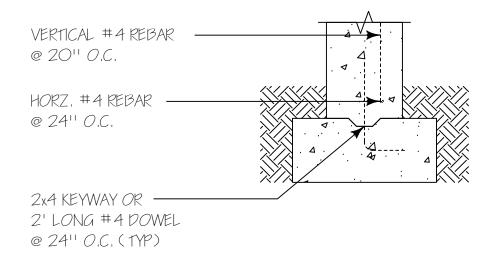


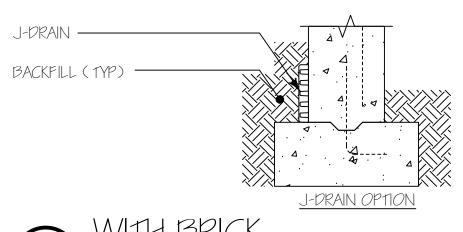




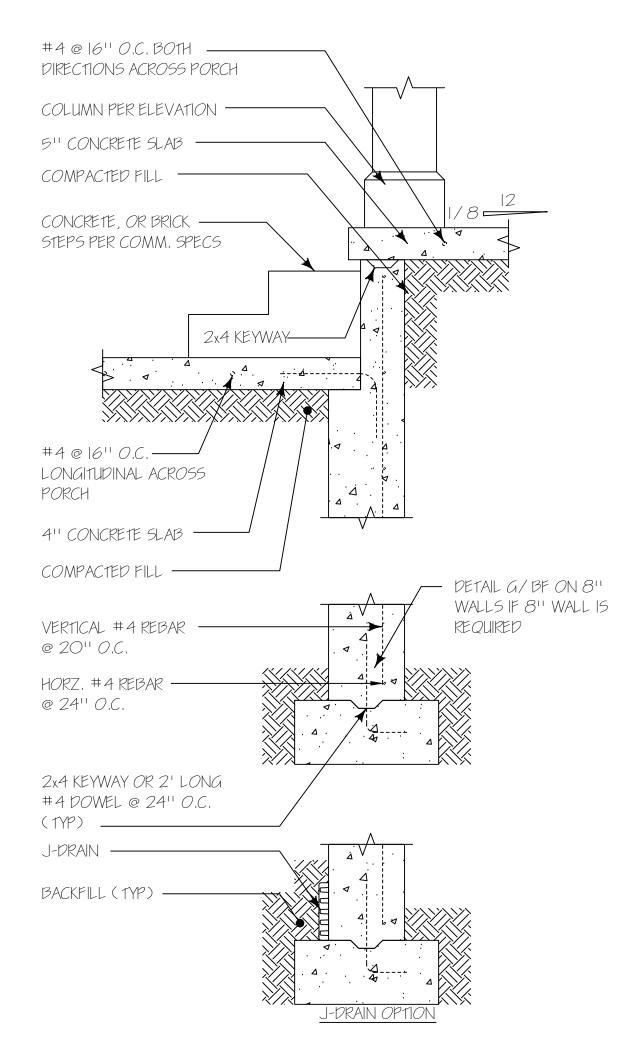
















(1211 WALL)

REVISIONS

BONSAI DESIGN

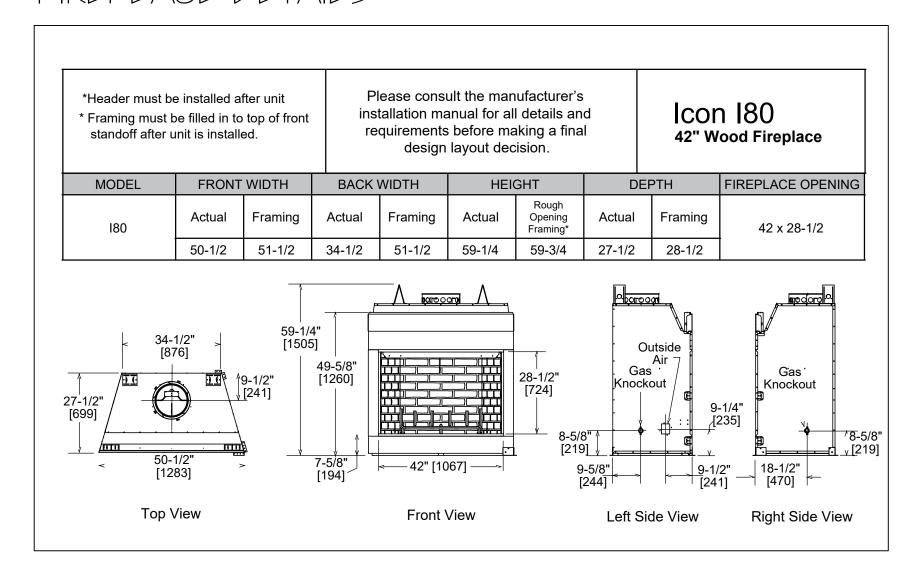
COREY.BONSAIDESIGN@GMAIL.COM

PERMIT PHASE
PERMIT PACKET
RELEASED FOR
CONSTRUCTION

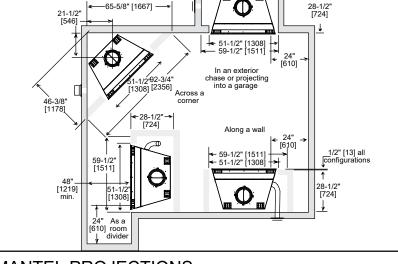
APRIL 17, 2018 SHEET TITLE

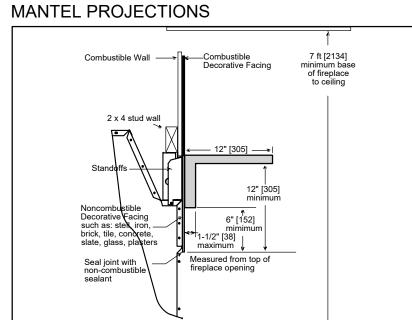
FOUNDATION DETAILS

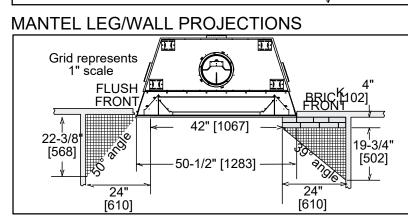
## FIREPLACE DETAILS

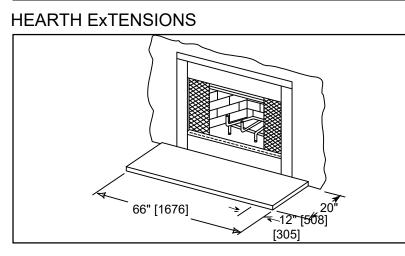


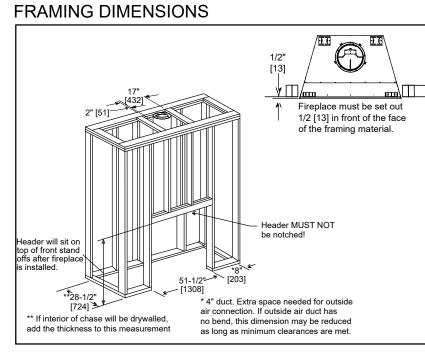
## APPLIANCE LOCATION



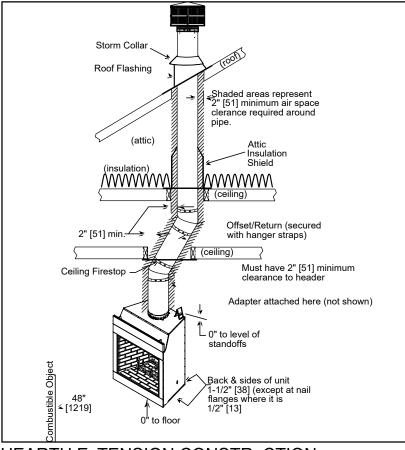




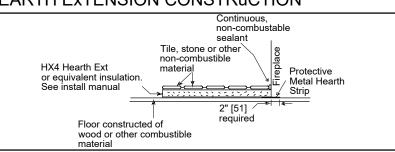




## CLEARANCES TO COMBuSTIBLES



## HEARTH EXTENSION CONSTRUCTION



		material		
PRODUCT LISTING CODES				
	US	UL 127		
	CAN	ULC-S610		

Additional information can be found online at www.heatilator.com

Product information provided is not complete and is subject to change without notice. Product installation must adhere strictly to instructions accompanying product to avoid risk of fire and potential

## WINDOW SCHEDULE

NO.	SIZE	<u>Q1Y.</u>	<u>TYPE</u>	NOTES
(WI)	3'-0" x 5'-0"	6	130	
$\langle W2 \rangle$	6'-0" x 5'-0"		130	CONFIGURATION TBD
W3	8'-0'' x 4'-6''	2	130	CONFIGURATION TBD
(W4)	3'-0'' x 4'-6''	2	130	
W5	3'0" x  '-6"		130	
(W6)	2'-0'' x 2'-0''		130	
(W7)	5'-0'' x 4'-6''	2	130	
(W8)	5'-4" x 4'-6"		130	
W9	'-0'' x 5'-0''		130	CONFIGURATION TBD
WIO	3'-0" x 3'-0"		130	
WII	5'-0'' x 5'-0''		130	
WI2	5'-4'' x 4'-6''	2	130	
WI3	10'-4" x 2'-0"	2	130	CONFIGURATION TBD
WI4	2'-0'' x 5'-0'' W/ 2'-0'' x 2'-0''	6	130	
	ABOVE			

## DOOR SCHEDULE

NO.	SIZE	<u>Q1Y.</u>	TYPE	NOTES
	(2) 3'-0" x 8'-0"	l	EXTERIOR FRENCH DOORS	
(02)	(2) 2'-8'' x 8'-0''	5	EXTERIOR FRENCH DOORS	
Q3>	2'-6'' x 8'-0''	l	EXTERIOR SINGLE DOORS	
D4>	(2) 2'-6" x 8'-0"	I	EXTERIOR FRENCH DOORS	
<b>D</b> 5	3'-0" x 8'-0"	2	EXTERIOR SINGLE DOORS	
66	2'-4'' x 8'-0''	l	INTERIOR SINGLE DOORS	
07	3'-0" x 8'-0"		INTERIOR SINGLE DOORS	
<b>(18)</b>	2'-6'' x 8'-0''	6	INTERIOR SINGLE DOORS	
(D9)	(2) 2'-4" x 8'-0"		INTERIOR FRENCH DOORS	
	(2) 3'-0" x 8'-0"		INTERIOR POCKET DOORS	
(DII)	5'-6" x 8'-0"		INTERIOR BARN DOORS	
(DI)	2'-6'' x 6'-8''	8	INTERIOR SINGLE DOORS	
(DI3)	2'-4'' x 6'-8''		INTERIOR SINGLE DOORS	
DIA	2'-3'' x 6'-8''		INTERIOR SINGLE DOORS	
DIS	6'-0'' x 8'-0''		EXTERIOR GARAGE DOOR	

## ENGINEER DATA

BASIC WIND SPEED, ULTIMATE	II5 MPH
BASIC WIND SPEED, SERVICE	90 MPH
ENCLOSURE CLASSIFICATION	ENCLOSED BUILDIN
EXPOSURE	C
RISK CATEGORY	
INTERNAL PRESSURE COEFFICIENT	+0.18
INTERNAL PRESSURE COEFFICIENT	+0,18
COMPONENTS & CLADDING	

COMPONENTS	& CLADDIN	1G		
AREA 5Q.FT 10.00 20.00 50.00 100.00	ZONE   - 28.8 -28.  -27.  -26.4	ROOF (0 ZONE2 -48,4 -43,2 -36,4 -31,3	GROSS, PS ZONE 3 -72.8 -60.3 -43.8 -31.3	F) ZONE 1,2 8 + 16.0 + 16.0 + 16.0 + 16.0
AREA 5Q.FT 10.00 20.00 50.00 100.00	WAL ZONE 4 -28.6 -27.4 -25.9 -24.7	ZONE 5 -35,2 -32,8 -29,7 -27,4	55, P5F) ZONE 4& + 26.4 + 25.2 + 23.7 + 22.5	5

EDGE DISTANCE, a = 3.2 FT.

## SEISMIC DESIGN: RISK CATEGORY SITE CLASS IMPORTANCE FACTOR 1,00 SPECIAL RESPONSE ACCELERATION S5 = 0.1798 SI = 0.0898

SPECTRAL RESPONSE COEFFICIENTS SDs = 0.1918

501 = 0.1428SEISMIC DESIGN CATEGORY RESPONSE MODIFICATION FACTOR (R) (INTERMEDIATE REINFORCED MASONRY SHEAR WALLS) 6.5 (LIGHT FRAME WOOD WALLS WITH STRUCTURAL WOOD SHEAR PANELS)

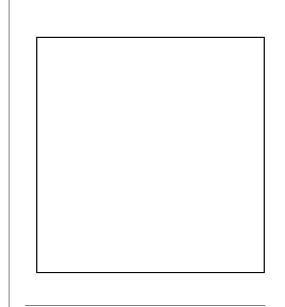
50IL SOIL BEARING CAPACITY 1500 PSF (ASSUME)

LIVE LOADS ROOF 20 PSF (WITH TRIBUTARY REDUCTIONS PER CODE) 100 PSF STAIRS AND LANDINGS HANDRAIL / GUARD RAIL CONTROLLING OF 50 PLF OR 200 LB, POINT LOAD LOCATED TO CAUSE MAXIMUM STRESS

MATERIALS POST-INSTALLED ANCHOR RODS ASTM A 193 GRADE B7 W/COATING AS SPECIFIED IN ESR-2262 OR ESR-2322

CONCRETE (28 DAYS) FOOTINGS 3000 PSI WEAR SLAB / SLAB-ON-GRADE 3000 PSI ALL OTHER CONCRETE 3000 PSI A615 GRADE 60 REINFORCING STEEL HEADED STUDS A108 WELDED WIRE FABRIC ADHESIVE ANCHORING

HILTI HIT-RE 500-V3 ADHESIVE ANCHOR SYSTEM (ICC ESR-3814) HILTI HIT-HY 70 ADHESIVE ANCHOE SYSTEM FOE CMU (ICC ESR 2682)





BONSAI DESIGN COREY.BONSAIDESIGN@GMAIL.COM

REVISIONS

DOCUMENT PHASE PERMIT PACKET RELEASED FOR APRIL 17, 2018

D/W SCHEDULE, FIREPLACE SPECS, ENGINEER DATA

SHEET TITLE

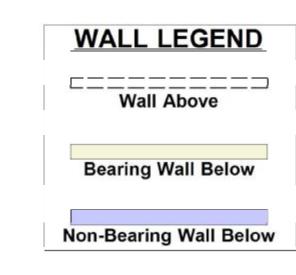
8d NAILS
REQUIRED TO
ATTACH BCI JOIST
TO PLATE.
DO NOT USE
16d NAILS TO
ATTACH BCI JOIST

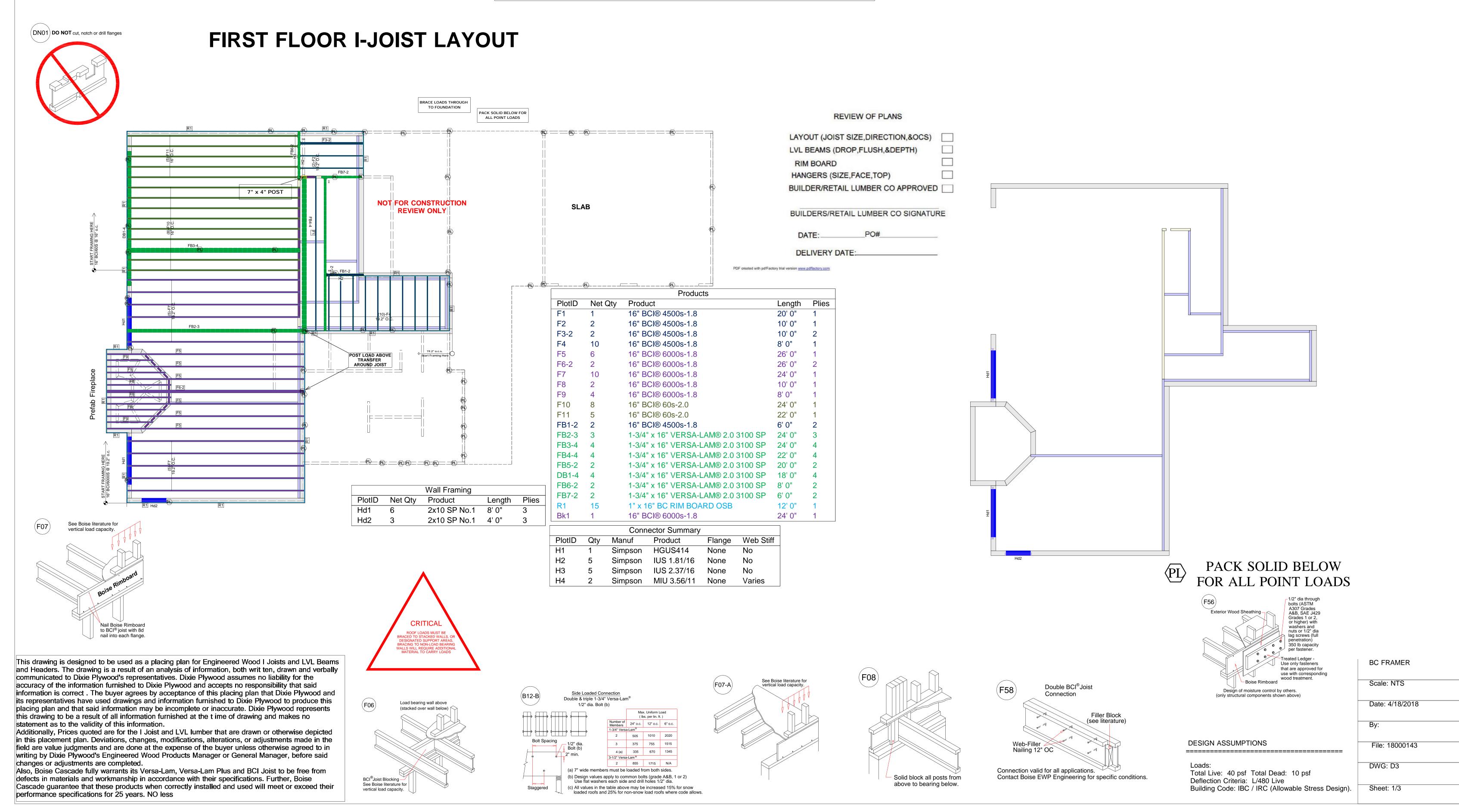
NOTE: Align Floor Joist to allow for Plumbing and mechanical Insullation

- Move up to 3" -

SEE INSTALLATION
GUIDE FOR MORE
DETAILS

## PLEASE REVIEW ALL FLOORS AND NOTES. APPROVAL REQUIRED BEFORE PLACING ORDER





8d NAILS
REQUIRED TO
ATTACH BCI JOIST
TO PLATE.
DO NOT USE
16d NAILS TO
ATTACH BCI JOIST

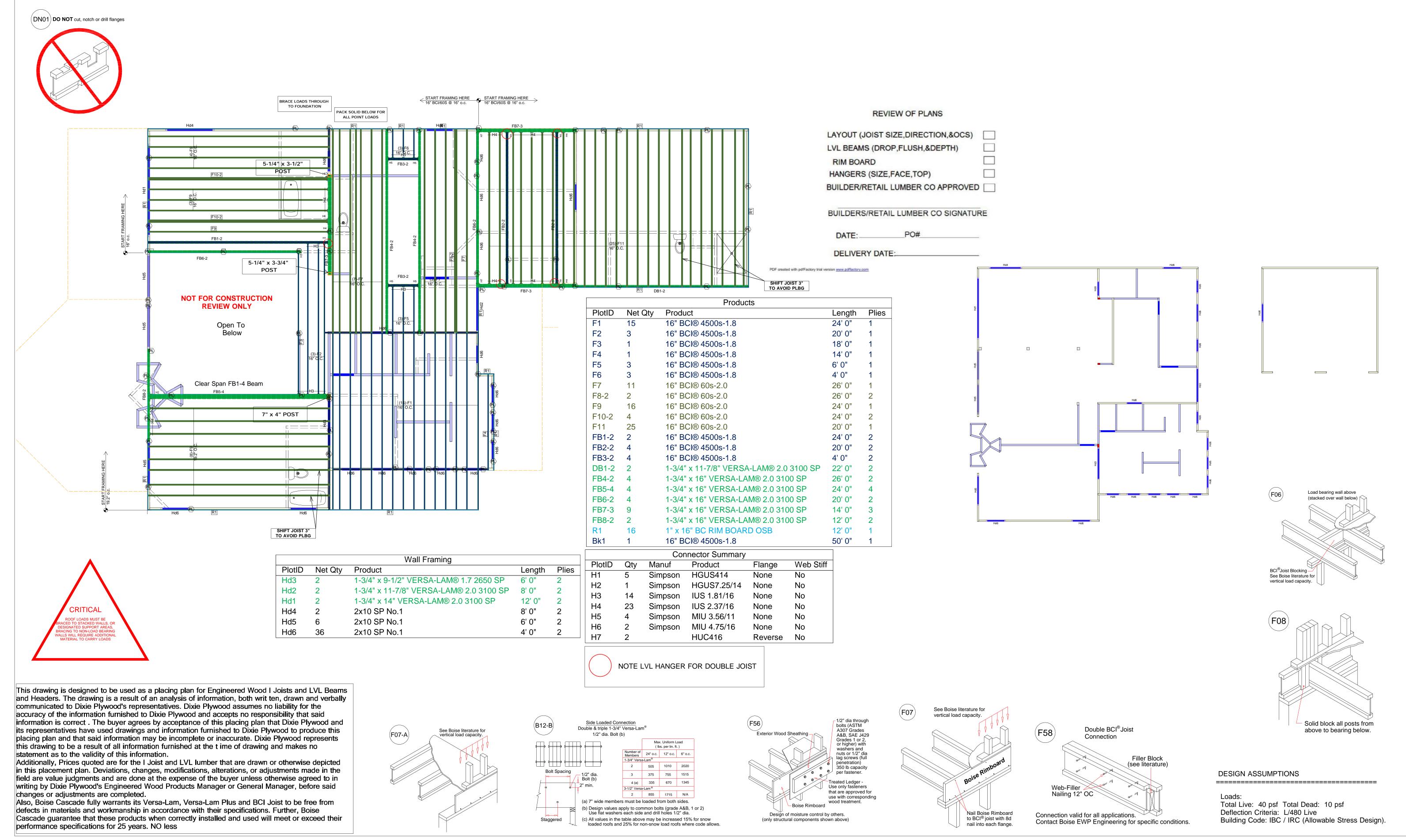
NOTE: Align Floor Joist to allow for Plumbing and mechanical Insullation

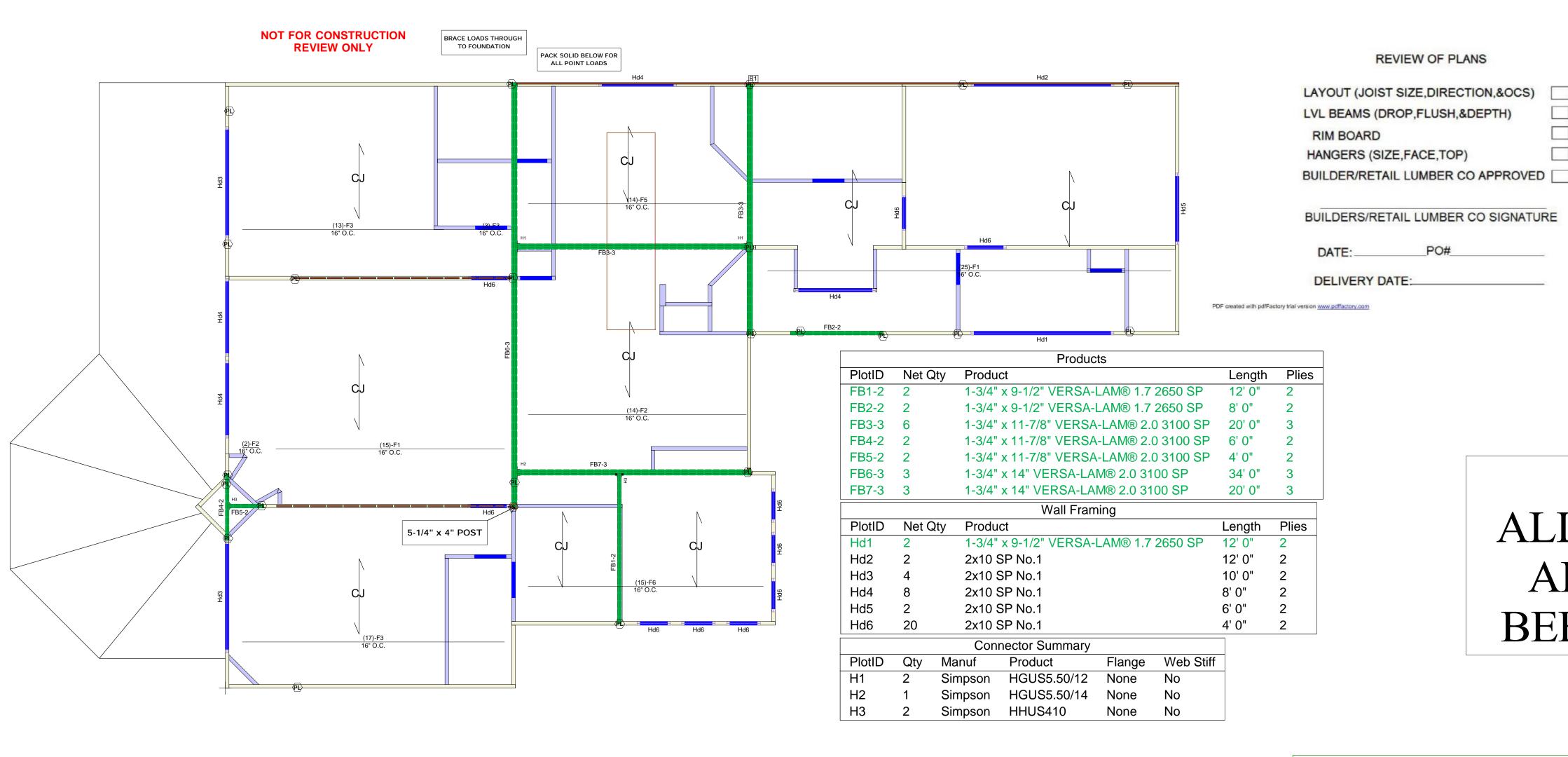
- Move up to 3" -

SEE INSTALLATION
GUIDE FOR MORE
DETAILS

PLEASE REVIEW
ALL FLOORS AND NOTES.
APPROVAL REQUIRED
BEFORE PLACING ORDER

## SECOND FLOOR I-JOIST LAYOUT

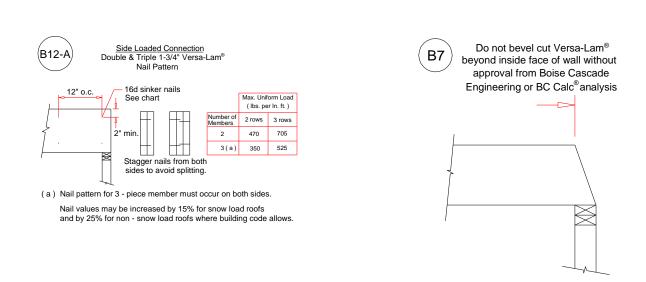




## PLEASE REVIEW ALL FLOORS AND NOTES. APPROVAL REQUIRED BEFORE PLACING ORDER

## ROOF AND CEILING FRAMING

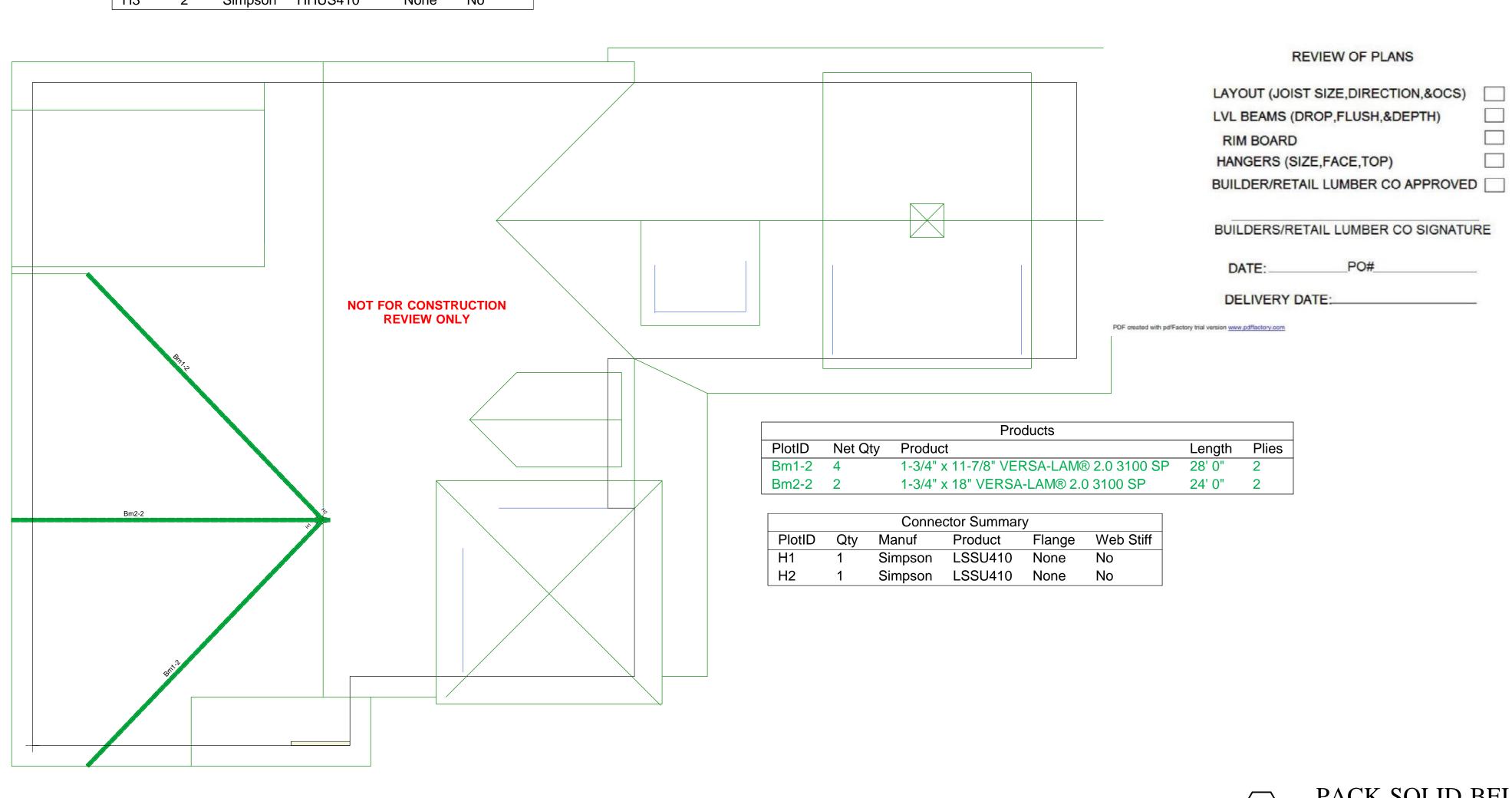
ATTIC LAYOUT IS SHOWN FOR JOIST DIRECTION / LOADING ONLY. FOLLOW LOCAL BUILDING CODES FOR PROPER FRAMING PRACTICES.



This drawing is designed to be used as a placing plan for Engineered Wood I Joists and LVL Beams and Headers. The drawing is a result of an analysis of information, both writ ten, drawn and verbally communicated to Dixie Plywood's representatives. Dixie Plywood assumes no liability for the accuracy of the information furnished to Dixie Plywood and accepts no responsibility that said information is correct. The buyer agrees by acceptance of this placing plan that Dixie Plywood and its representatives have used drawings and information furnished to Dixie Plywood to produce this placing plan and that said information may be incomplete or inaccurate. Dixie Plywood represents this drawing to be a result of all information furnished at the time of drawing and makes no statement as to the validity of this information.

Additionally, Prices quoted are for the I Joist and LVL lumber that are drawn or otherwise depicted in this placement plan. Deviations, changes, modifications, alterations, or adjustments made in the field are value judgments and are done at the expense of the buyer unless otherwise agreed to in writing by Dixie Plywood's Engineered Wood Products Manager or General Manager, before said

changes or adjustments are completed. Also, Boise Cascade fully warrants its Versa-Lam, Versa-Lam Plus and BCI Joist to be free from defects in materials and workmanship in accordance with their specifications. Further, Boise Cascade guarantee that these products when correctly installed and used will meet or exceed their performance specifications for 25 years. NO less



REVIEW OF PLANS