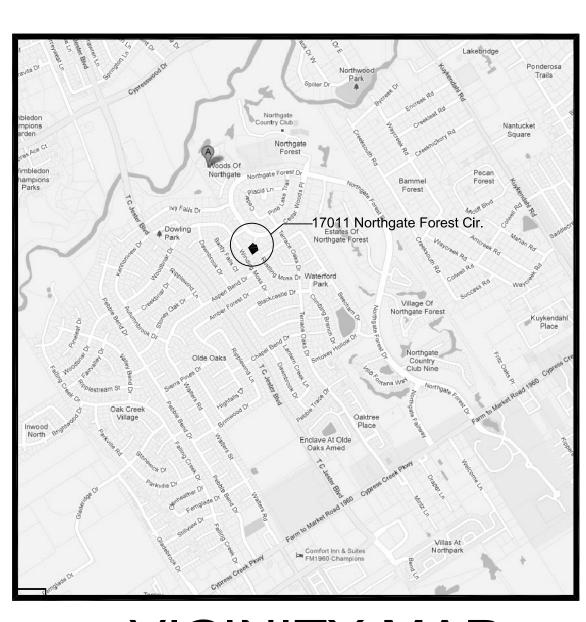


PROPOSED RESIDENCE FOR MR. & MRS. DAUD

TR 7 & TR 6, BLOCK 7, 17011 NORTHGATE FOREST CIR. OF NORTHGATE FOREST PH 1 R/P, HARRIS COUNTY, TEXAS 77068



VICINITY MAP

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SARCH DESIGNS, LLC

'Bringing Your Dream Home to Reality'

Ph:(713) 319-5836 Fx:(713)-319-5730 email: jalarchdesigns@gmail.com



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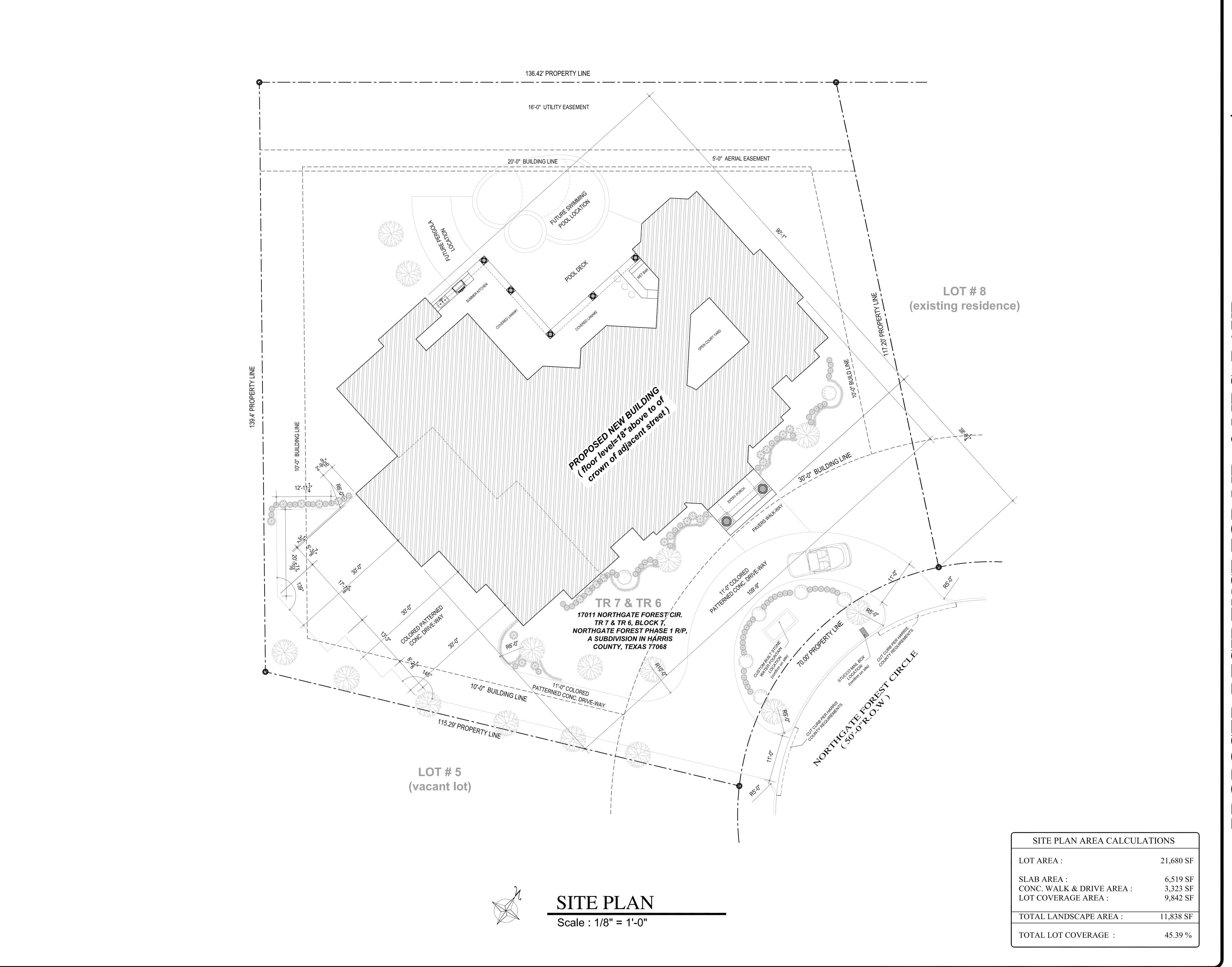
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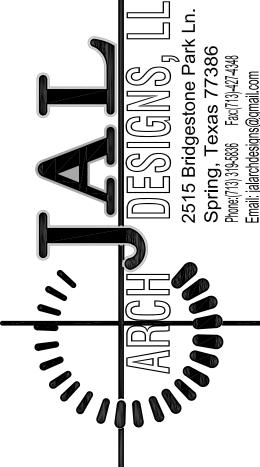
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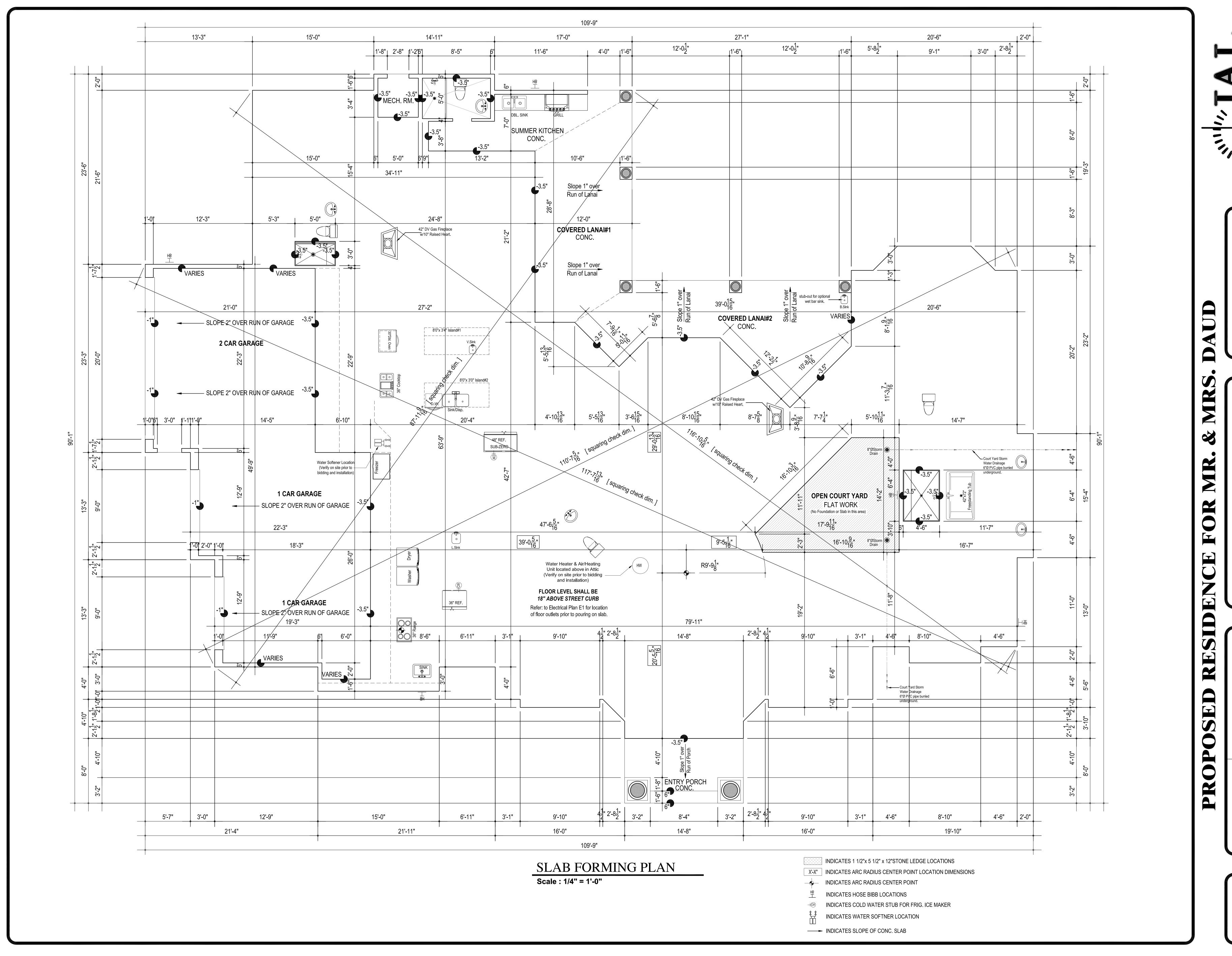






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SITE PLAI	AUGUST 17, 2017

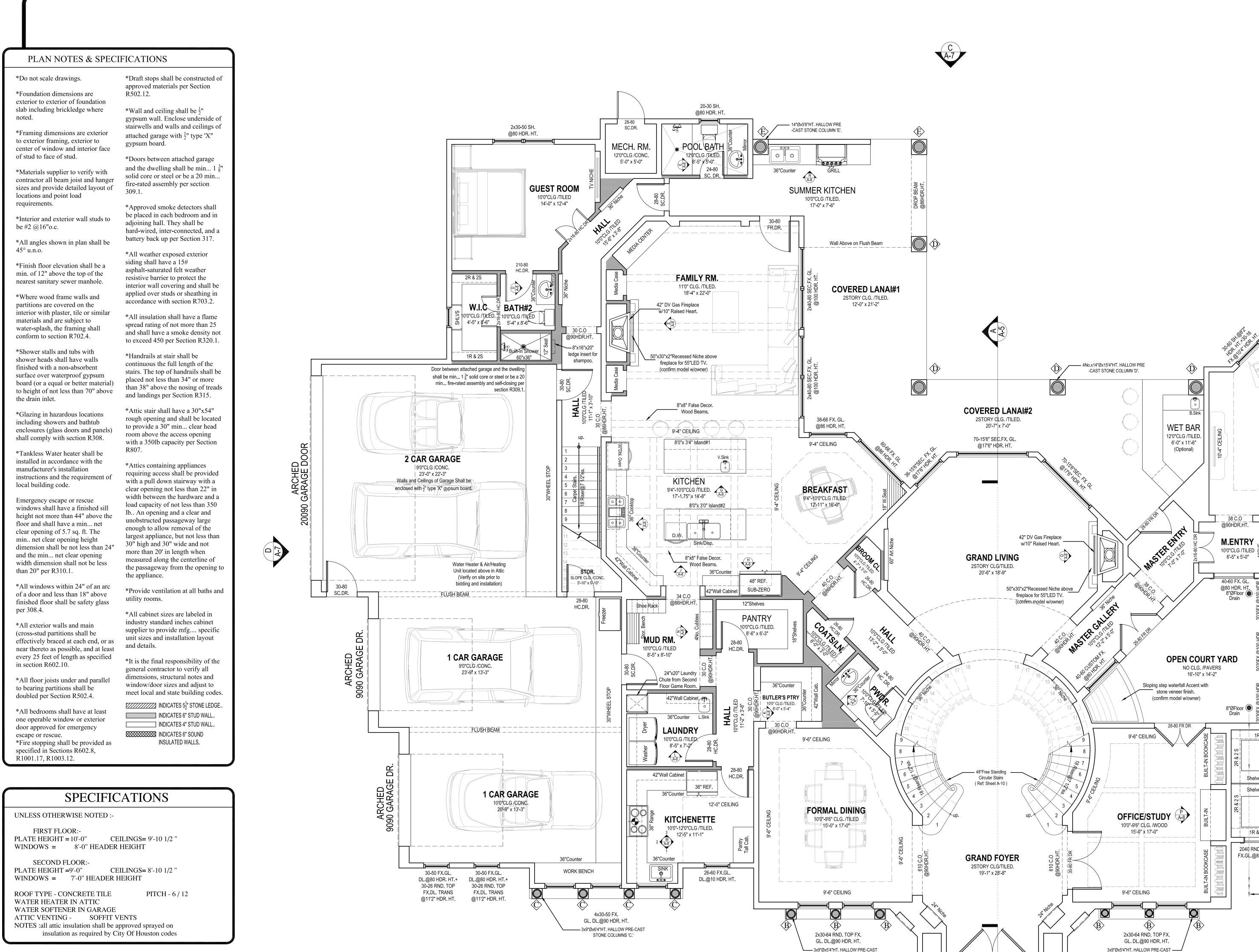
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DATE: AUGUST 17, 2017
SCALE: AS SHOWN
DRAWN BY: J.A.L
REVISED Final Permit Set-042618

A 2



SQUARE FOOTAGE

FIRST FLOOR:-LIVING AREA ENTRY PORCH AREA 4 CAR GARAGE/STOR./POOL BATH AREA= 1,288.0 S.F.

LIVING AREA BALCONY AREA

TOTAL LIVING AREA = 6,758.0 S.F.TOTAL FRAMED AREA = 8,922.0 S.F.TOTAL SLAB AREA

ARCHITECTURAL FIRST FLOOR PLAN

W.I DR.

ENTRY PORCH

12'-0" x 8'-0"

-CAST STONE COLUMN 'A'.

STONE COLUMNS 'B'

70-60 FX. GL.@8'2" HDR. HT.+

70-16 FX. GL.@10'4" HDR. HT.

11'-0" CEILING

10'-4" CEILING

10'0"CLG /TILED

MASTER BATH

11'0"CLG /TILED 15'-7" x 14'-8"

W.I.C-HIS

12'4"CLG /TILED

7'-7" x 12'-6"

4056 FALSE

WINDOW@106 HT.

(of profile stucco trim)

2R & 2 S

2040 RND.TOP.

FX.GL.@80 HDR.

Court Yard Storm

Water Drainage

6"Ø PVC pipe burried

MASTER BEDROOM

10'4"-11'0"CLG /WOOD.

1R & 1 S

W.I.C-HER

10'0"CLG /TILED

9'-5" x 12'-6"

Court Yard Storm

Water Drainage

6"Ø PVC pipe burried

1R & 1 S

2040 RND.TOP

FX.GL.@80 HDR.

STONE COLUMNS 'B'

RAL **(**

> ВҰ SCAL DRAV REVIS

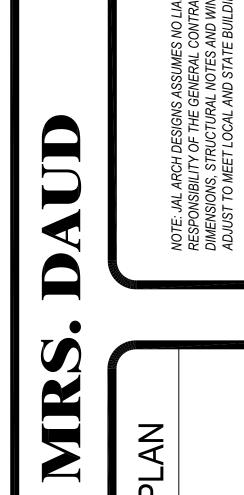


= 4,340.0 S.F.COV'D LANAI & SUM. KITCHEN AREA = 701.0 S.F.

SECOND FLOOR:-

= 2,418.0 S.F.= 80.0 S.F. FUTURE UNFINISHED THEATER AREA = 403.0 S.F. (not included in total living and framed area)

= 6,424.0 S.F



MN BY DATE SCAL DRAV REVIS

PLAN NOTES & SPECIFICATIONS *Draft stops shall be constructed of

exterior to exterior of foundation slab including brickledge where *Wall and ceiling shall be $\frac{1}{2}$ " *Framing dimensions are exterior to exterior framing, exterior to

of stud to face of stud. *Materials supplier to verify with contractor all beam joist and hanger sizes and provide detailed layout of

center of window and interior face

locations and point load requirements. *Interior and exterior wall studs to

be #2 @16"o.c. *All angles shown in plan shall be

45° u.n.o. *Finish floor elevation shall be a min. of 12" above the top of the nearest sanitary sewer manhole.

*Where wood frame walls and partitions are covered on the interior with plaster, tile or similar materials and are subject to water-splash, the framing shall conform to section R702.4.

*Shower stalls and tubs with shower heads shall have walls finished with a non-absorbent surface over waterproof gypsum board (or a equal or better material) to height of not less than 70" above the drain inlet.

*Glazing in hazardous locations including showers and bathtub enclosures (glass doors and panels) shall comply with section R308.

*Tankless Water heater shall be installed in accordance with the manufacturer's installation instructions and the requirement of local building code.

Emergency escape or rescue windows shall have a finished sill height not more than 44" above the floor and shall have a min... net clear opening of 5.7 sq. ft. The min.. net clear opening height dimension shall be not less than 24" and the min... net clear opening width dimension shall not be less than 20" per R310.1.

*All windows within 24" of an arc of a door and less than 18" above finished floor shall be safety glass per 308.4.

*All exterior walls and main (cross-stud partitions shall be effectively braced at each end, or as near thereto as possible, and at least every 25 feet of length as specified in section R602.10.

doubled per Section R502.4. *All bedrooms shall have at least one operable window or exterior

to bearing partitions shall be

*All floor joists under and parallel

door approved for emergency escape or rescue. *Fire stopping shall be provided as specified in Sections R602.8, R1001.17, R1003.12.

*Do not scale drawings. approved materials per Section *Foundation dimensions are

> gypsum wall. Enclose underside of stairwells and walls and ceilings of attached garage with $\frac{1}{2}$ " type 'X" gypsum board.

*Doors between attached garage and the dwelling shall be min... $1\frac{3}{8}$ " solid core or steel or be a 20 min... fire-rated assembly per section

*Approved smoke detectors shall be placed in each bedroom and in adjoining hall. They shall be hard-wired, inter-connected, and a battery back up per Section 317.

> *All weather exposed exterior siding shall have a 15# asphalt-saturated felt weather resistive barrier to protect the

> > accordance with section R703.2. *All insulation shall have a flame spread rating of not more than 25 and shall have a smoke density not to exceed 450 per Section R320.1.

interior wall covering and shall be applied over studs or sheathing in

*Handrails at stair shall be continuous the full length of the stairs. The top of handrails shall be placed not less than 34" or more than 38" above the nosing of treads and landings per Section R315.

*Attic stair shall have a 30"x54" rough opening and shall be located to provide a 30" min... clear head room above the access opening with a 350lb capacity per Section

*Attics containing appliances requiring access shall be provided with a pull down stairway with a clear opening not less than 22" in width between the hardware and a load capacity of not less than 350 lb.. An opening and a clear and unobstructed passageway large enough to allow removal of the largest appliance, but not less than 30" high and 30" wide and not more than 20' in length when measured along the centerline of the passageway from the opening to the appliance.

*Provide ventilation at all baths and utility rooms.

*All cabinet sizes are labeled in industry standard inches cabinet supplier to provide mfg.... specific unit sizes and installation layout

*It is the final responsibility of the general contractor to verify all dimensions, structural notes and window/door sizes and adjust to meet local and state building codes.

INDICATES $5\frac{1}{2}$ " STONE LEDGE. INDICATES 6" STUD WALL...

☐ INDICATES 4" STUD WALL.. INDICATES 6" SOUND INSULATED WALLS.

= 6,424.0 S.F

SPECIFICATIONS

UNLESS OTHERWISE NOTED:

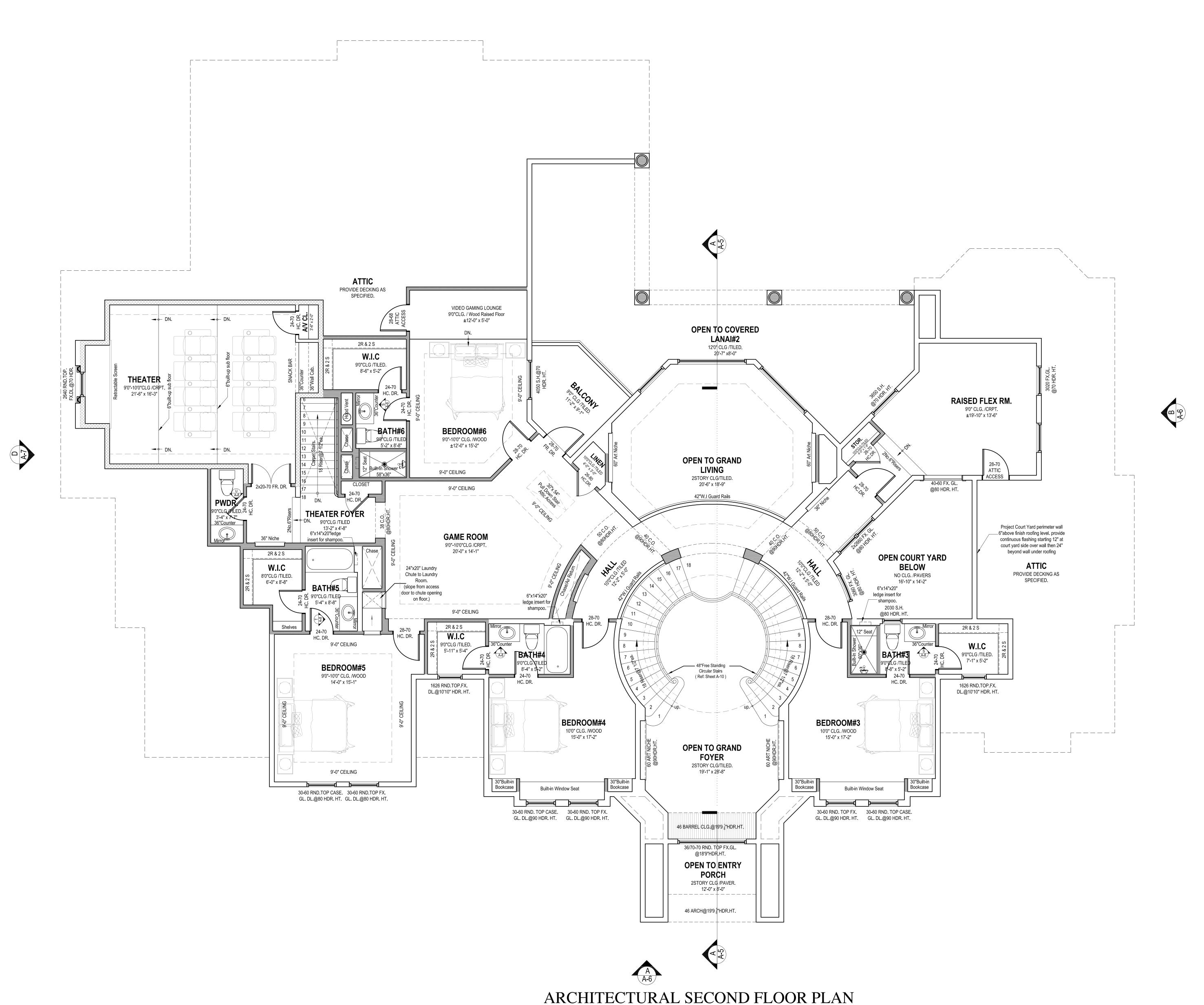
TOTAL SLAB AREA

FIRST FLOOR:-CEILINGS= 9'-10 1/2 " PLATE HEIGHT = 10'-0" WINDOWS = 8'-0" HEADER HEIGHT

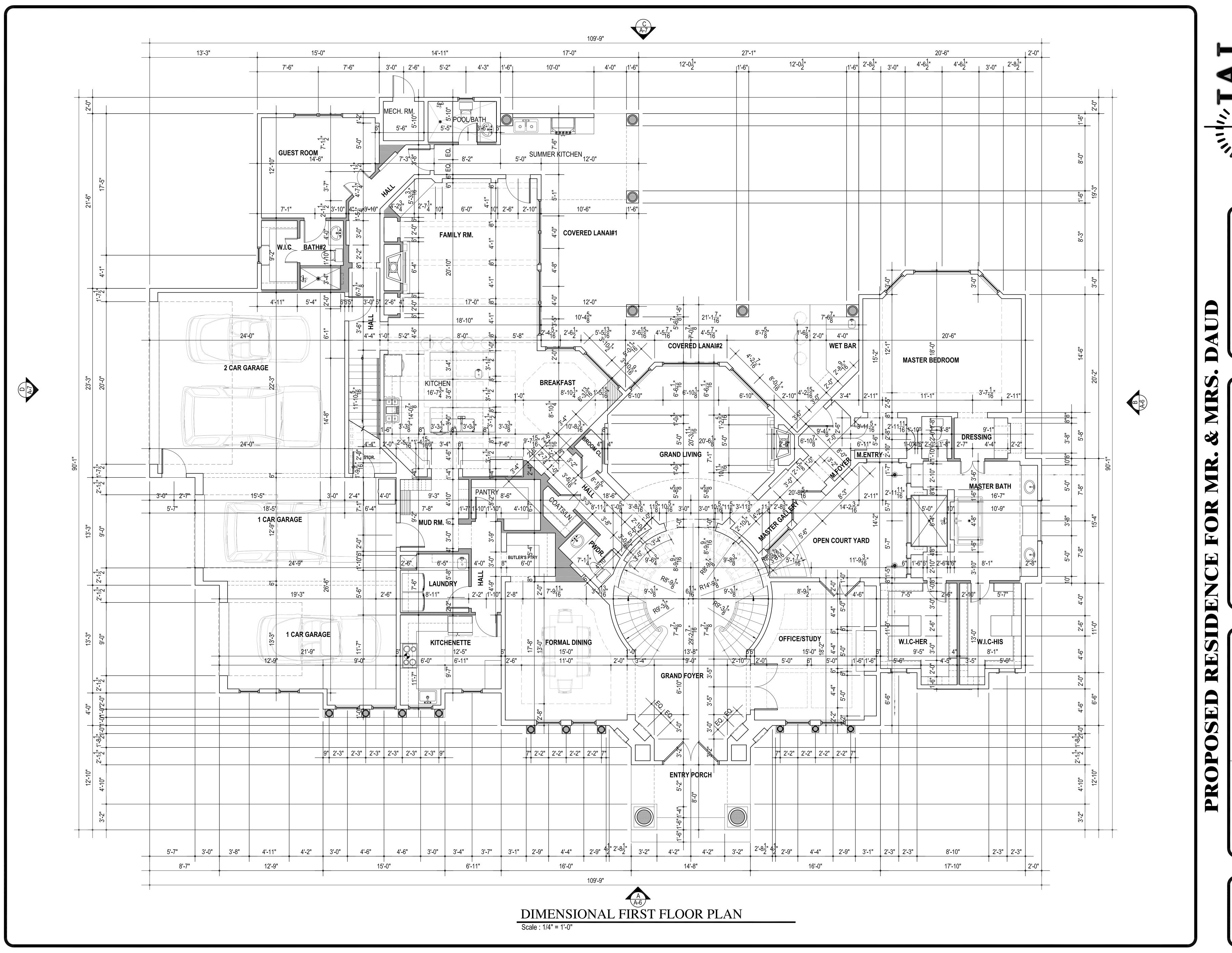
SECOND FLOOR:-CEILINGS= 8'-10 1/2 " PLATE HEIGHT =9'-0" WINDOWS = 7'-0" HEADER HEIGHT

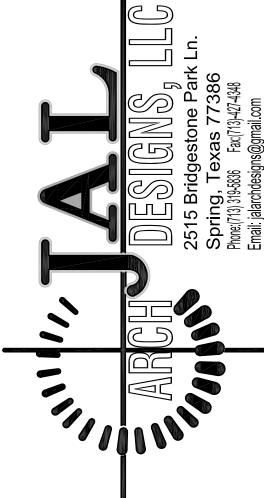
PITCH - 6 / 12 ROOF TYPE - CONCRETE TILE WATER HEATER IN ATTIC WATER SOFTENER IN GARAGE ATTIC VENTING - SOFFIT VENTS NOTES : all attic insulation shall be approved sprayed on insulation as required by City Of Houston codes

SQUARE FOOTAGE FIRST FLOOR:-LIVING AREA ENTRY PORCH AREA COV'D LANAI & SUM. KITCHEN AREA = 701.0 S.F. 4 CAR GARAGE/STOR./POOL BATH AREA= 1,288.0 S.F. SECOND FLOOR:-LIVING AREA = 2,418.0 S.F.BALCONY AREA = 80.0 S.F. FUTURE UNFINISHED THEATER AREA = 403.0 S.F. (not included in total living and framed area) TOTAL LIVING AREA = 6,758.0 S.F.TOTAL FRAMED AREA = 8,922.0 S.F.



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





NOTE: JAL ARCH DESIGNS ASSUMES NO LIABILITY . IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO VERIFY DIMENSIONS, STRUCTURAL NOTES AND WINDOW/DOOR SIZE ADJUST TO MEET LOCAL AND STATE BUILDING CODES.

DIMENSIONAL FIRST FLOOR PLAN

DATE:

SCALE:

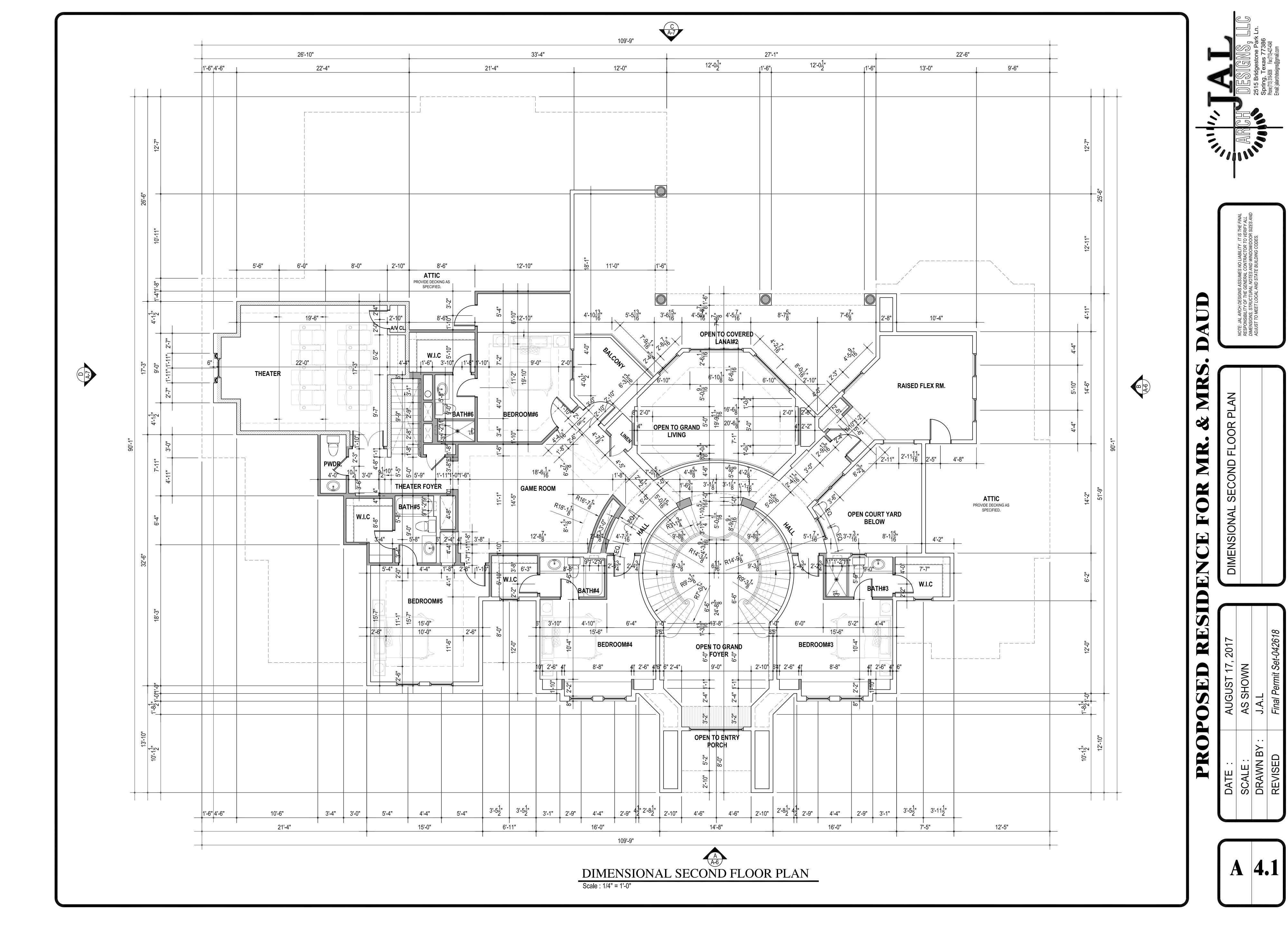
AS SHOWN

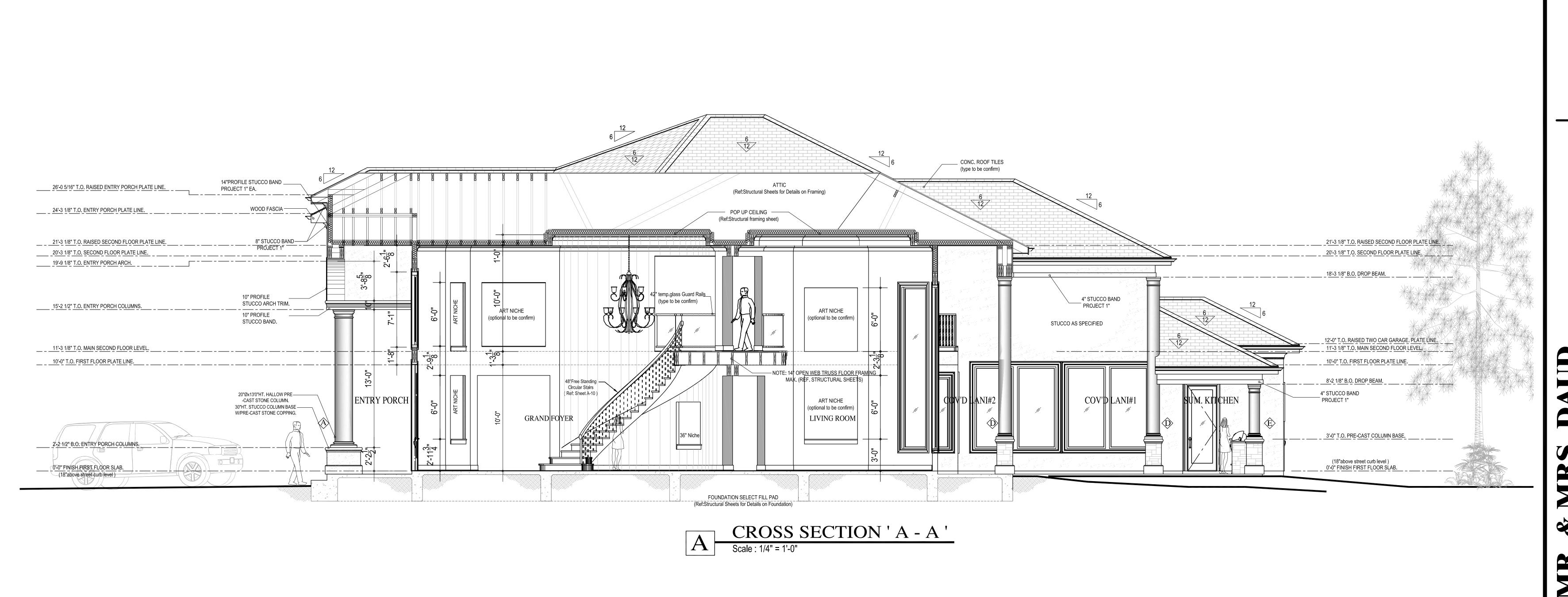
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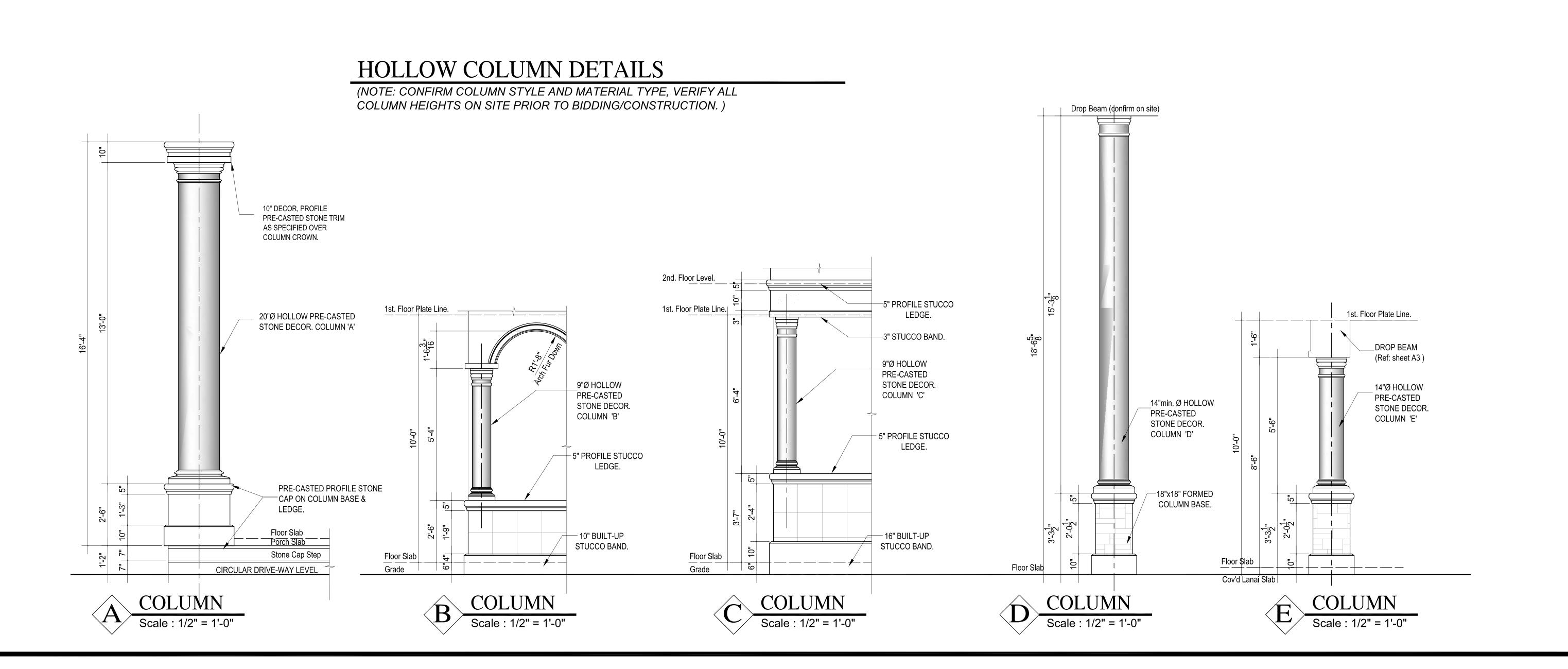
J.A.L

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Final Permit Set-042618





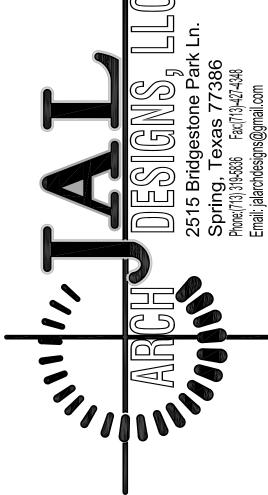


SECTION ' A	INTERIOR W	
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DATE:	AUGUST 17, 2017
SCALE:	AS SHOWN
DRAWN BY:	J.A.L
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A 5





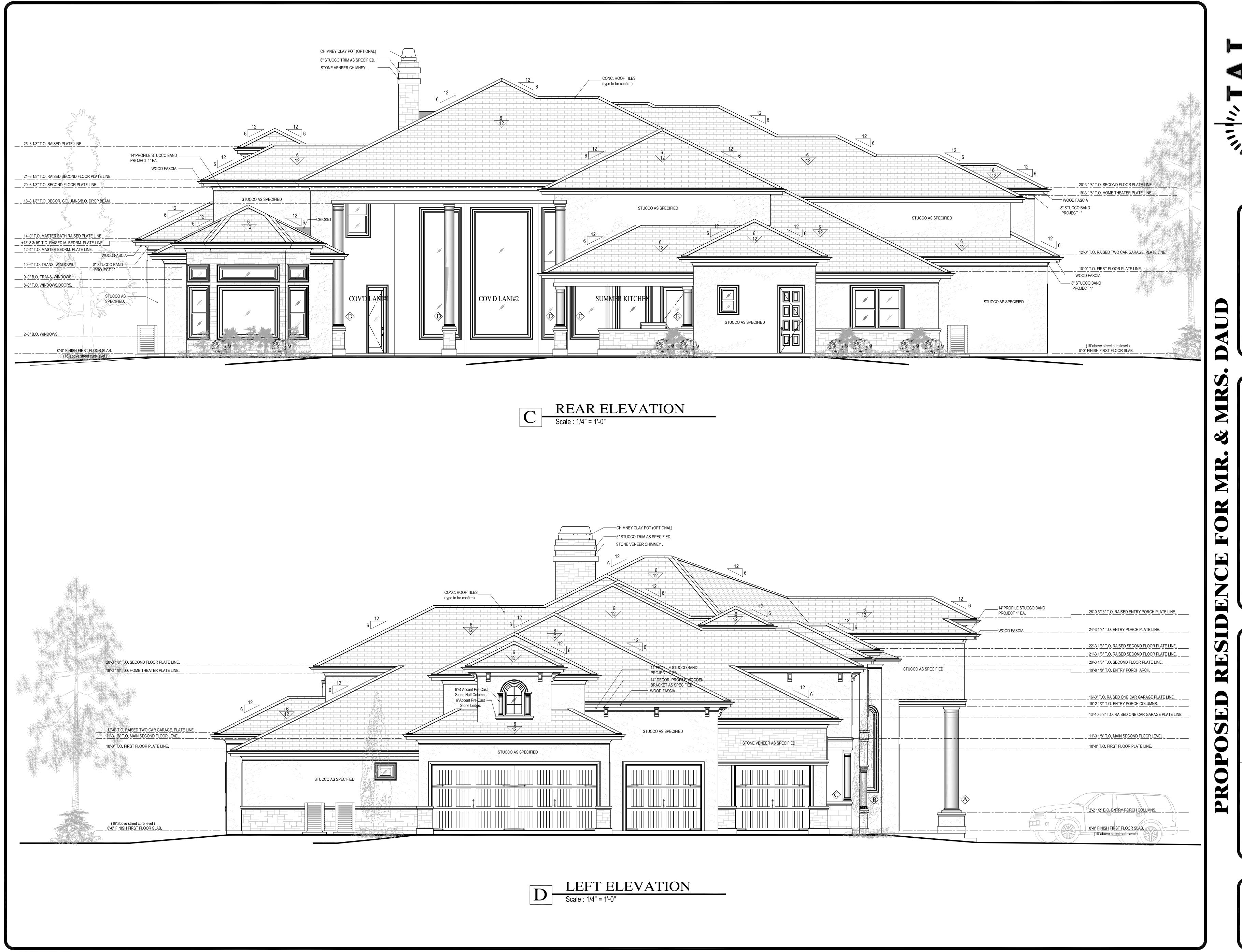
NOTE: JAL ARCH DESIGNS ASSUMES NO LIABILITY . IT IS THE FII RESPONSIBILITY OF THE GENERAL CONTRACTOR TO VERIFY ALD DIMENSIONS, STRUCTURAL NOTES AND WINDOW/DOOR SIZES ADJUST TO MEET LOCAL AND STATE BUILDING CODES.

FRONT ELEVATION ' A '
RIGHT ELEVATION ' B '

AS SHOWN

Since Dormit Set 012618

DATE: AUGUST 1
SCALE: AS SHOW
DRAWN BY: J.A.L
REVISED Final Permit





NOTE: JAL ARCH DESIGNS ASSUMES NO LIABILITY . IT IS THE FINAL RESPONSIBILITY OF THE GENERAL CONTRACTOR TO VERIFY ALL DIMENSIONS, STRUCTURAL NOTES AND WINDOW/DOOR SIZES AND ADJUST TO MEET LOCAL AND STATE BUILDING CODES.

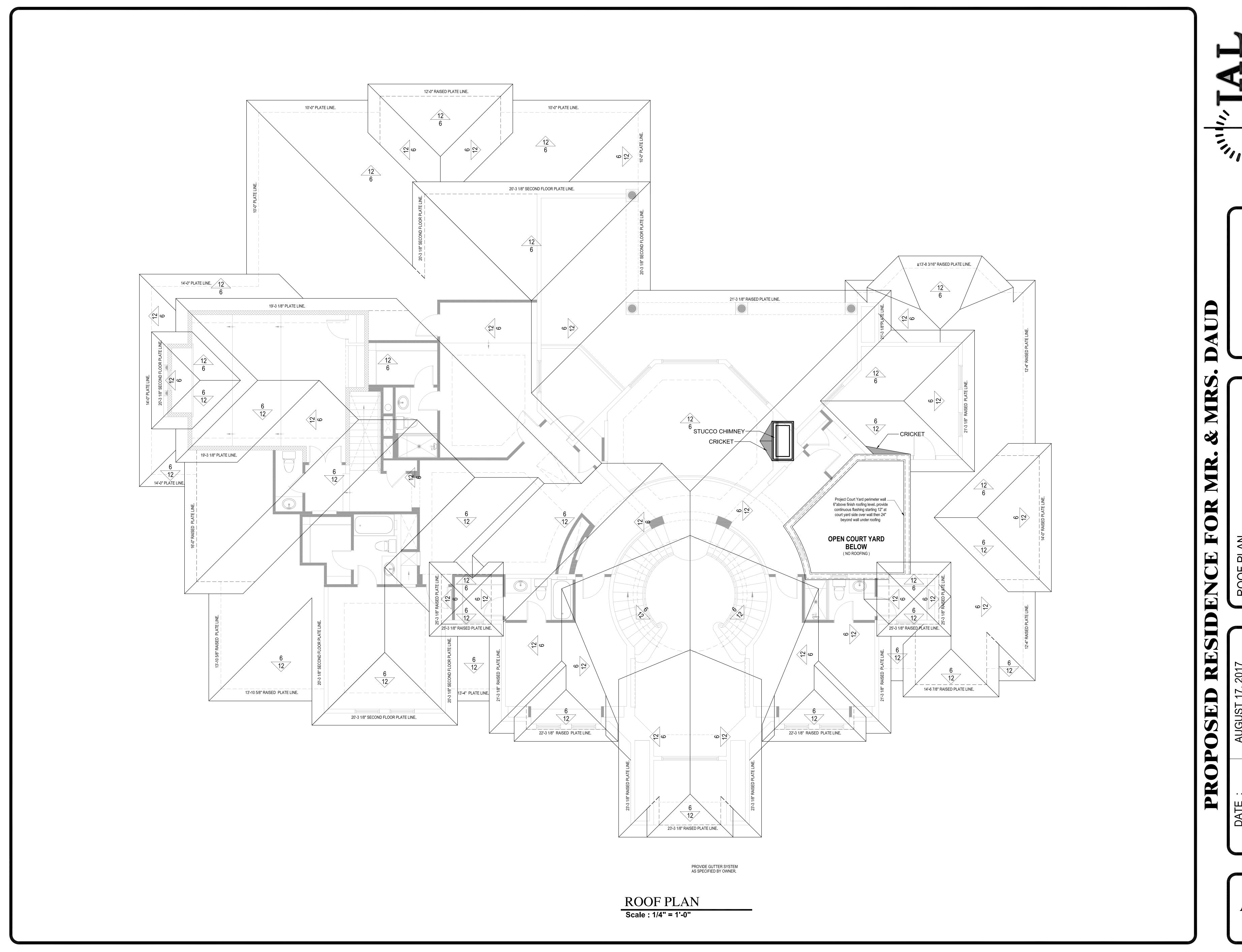
REAR ELEVATION ' C '
LEFT ELEVATION ' D '

DATE: AUGUST 17, 2017

SCALE: AS SHOWN

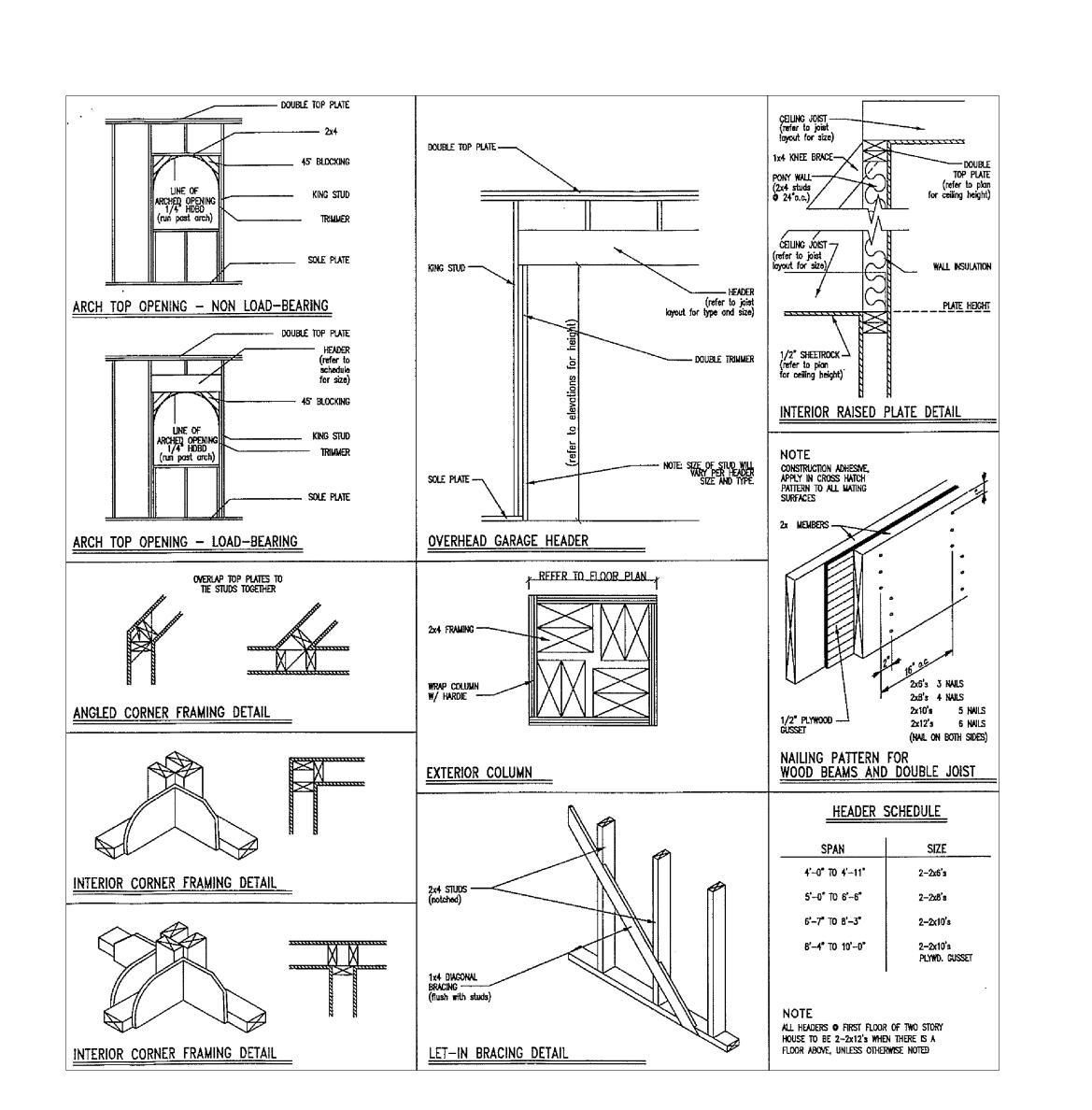
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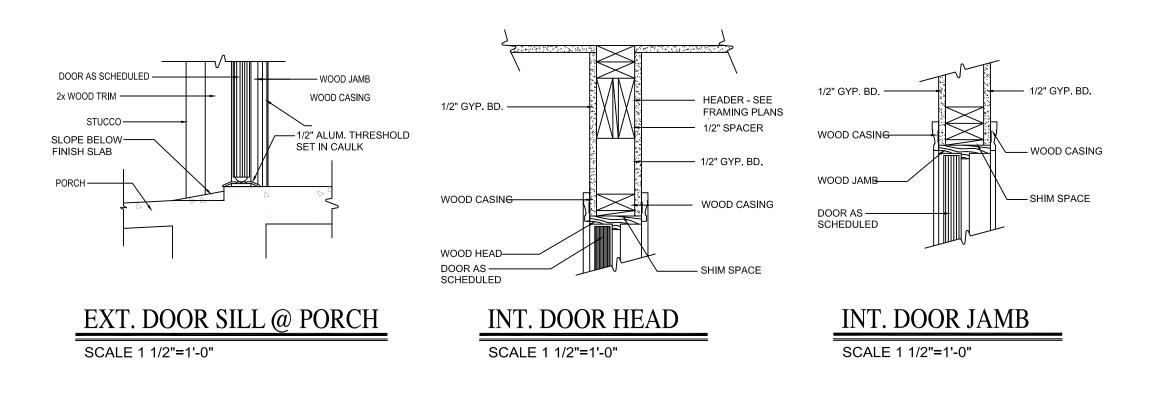
REVISED Final Permit Set-042618

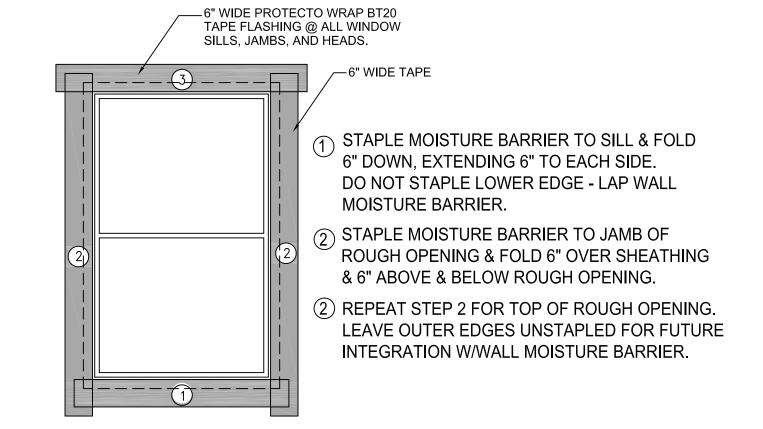




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DRAWN BY:
REVISED

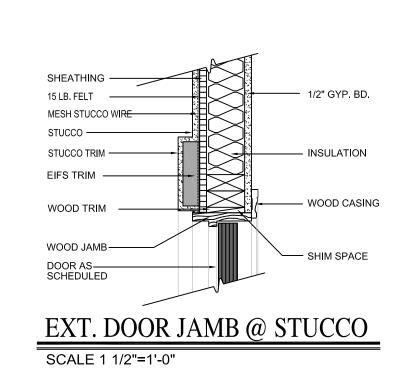


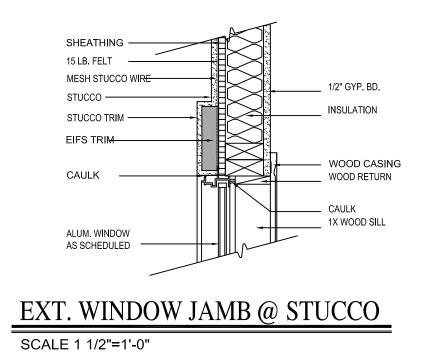


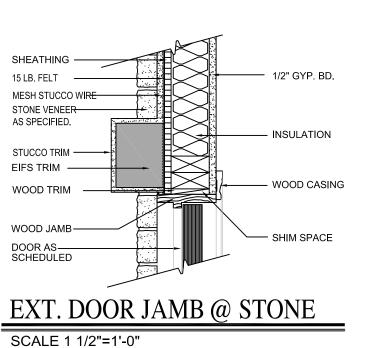


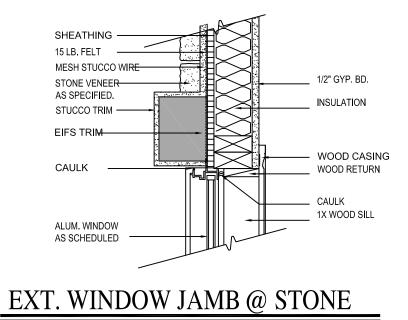
TYPICAL WINDOW FLASHING

NO SCALE (REFER STRUCTURAL FOR STUD SPACING)

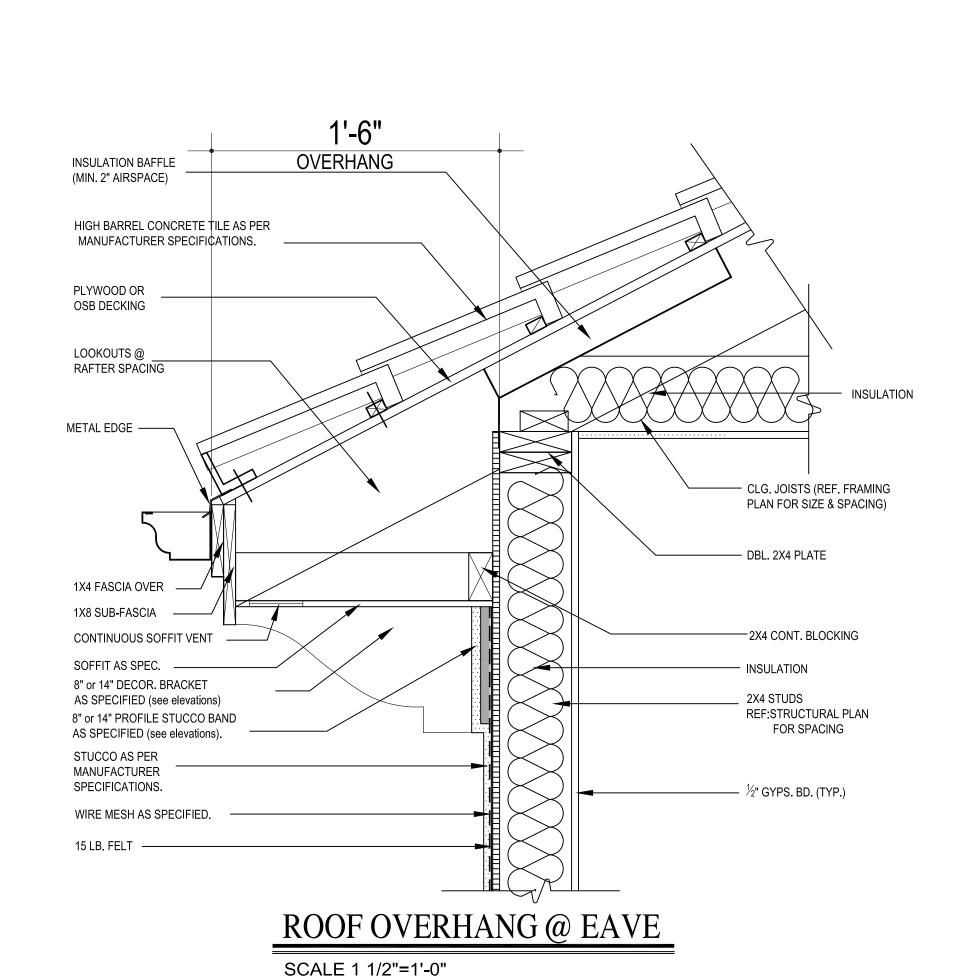


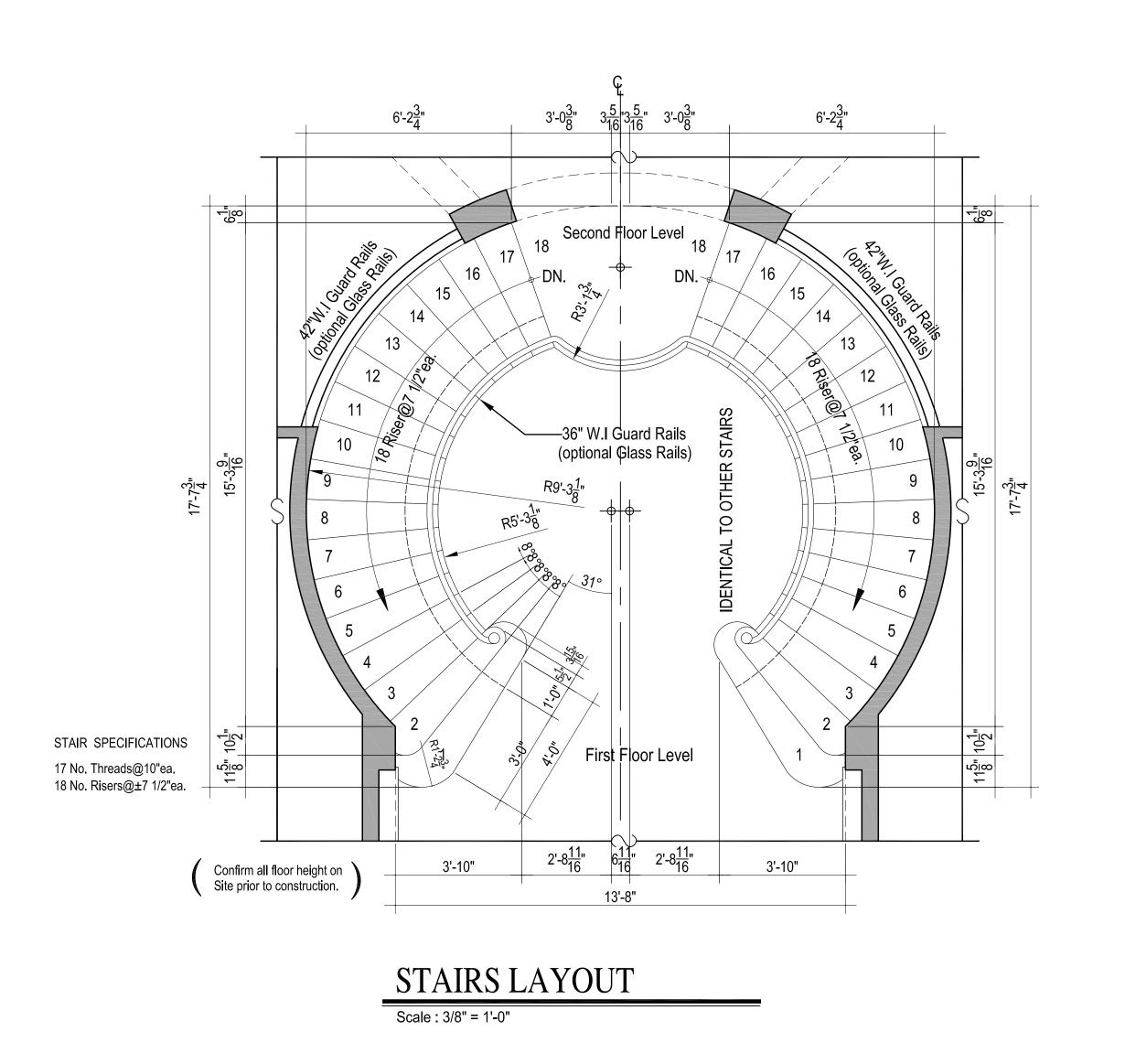






SCALE 1 1/2"=1'-0"

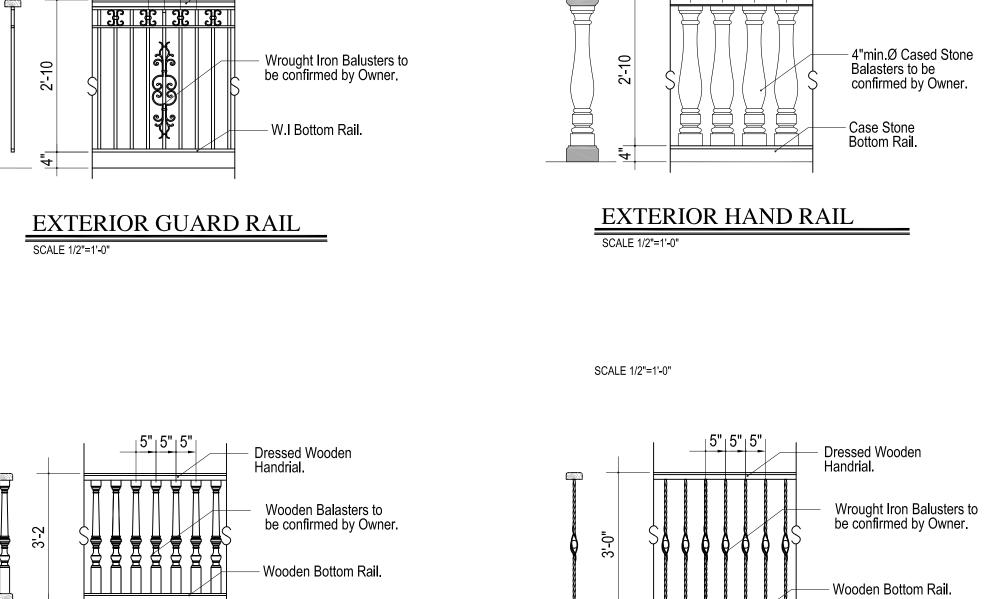






INTERIOR HAND RAIL

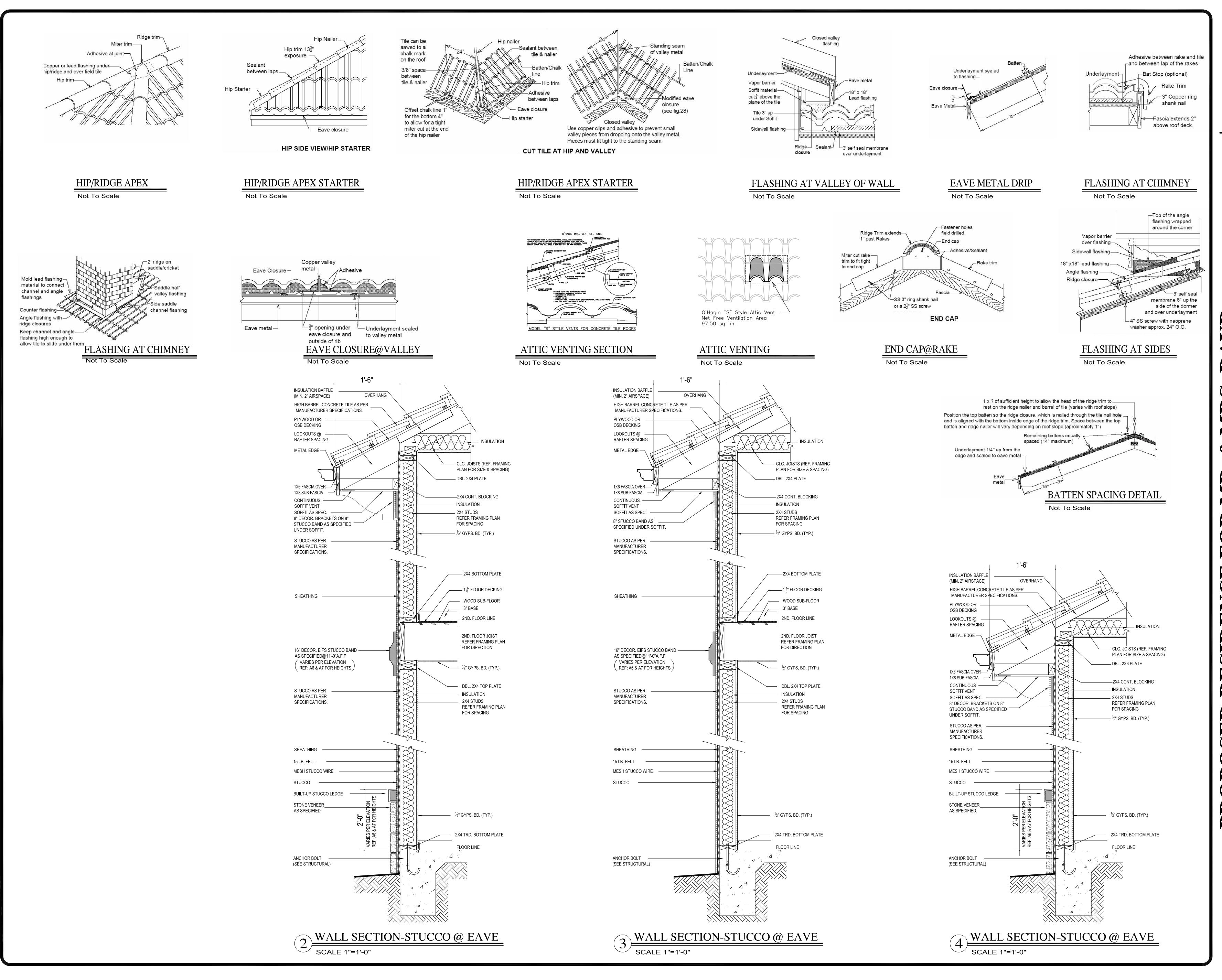
NOTE: Rail type and style shall be chosen by Owner Prior to Bidding and construction.



CALE 1/2"=1'-0"
Dressed Wooden Handrial. Wrought Iron Balusters to be confirmed by Owner. Wooden Bottom Rail.
SCALE 1/2"=1'-0"

.E : MN BY

DATE SCAL DRAV REVIS





NOTE: JAL ARCH DESIGNS ASSUMES NO LIABILITY . IT IS THE FINAL RESPONSIBILITY OF THE GENERAL CONTRACTOR TO VERIFY ALL DIMENSIONS, STRUCTURAL NOTES AND WINDOW/DOOR SIZES AND ADJUST TO MEET LOCAL AND STATE BUILDING CODES.

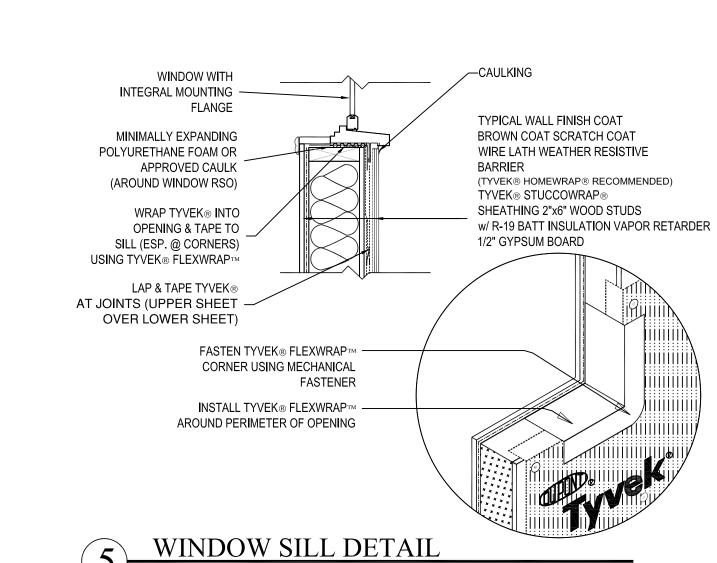
OF DETAILS
ALL SECTIONS

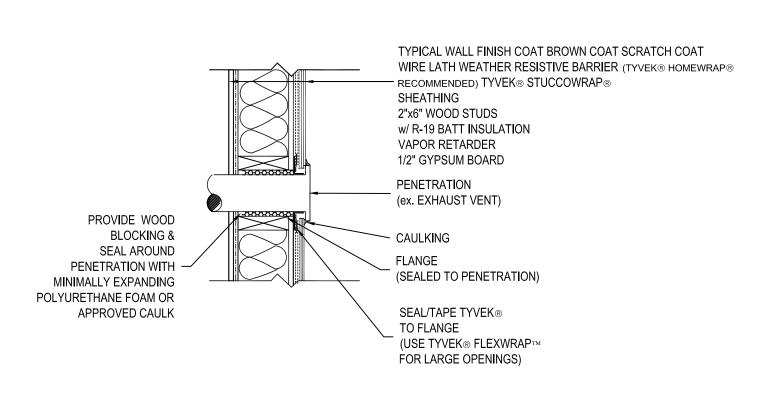
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E: AS SHOWN
IN BY: J.A.L

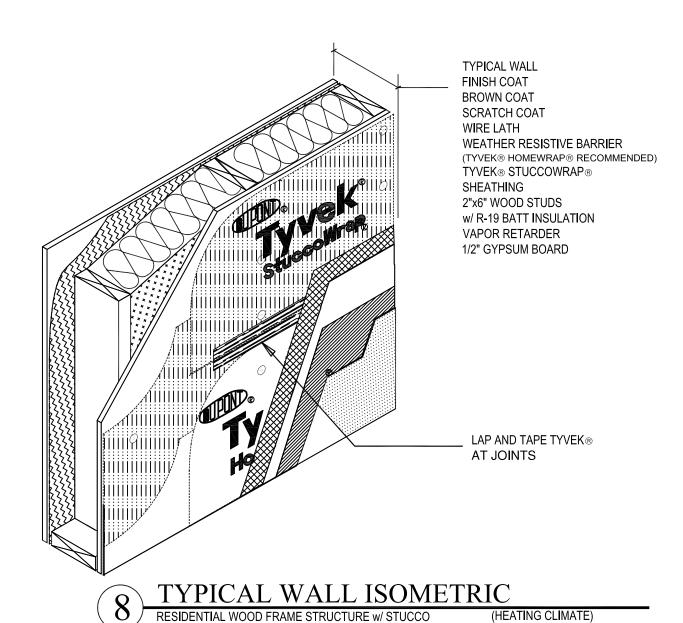
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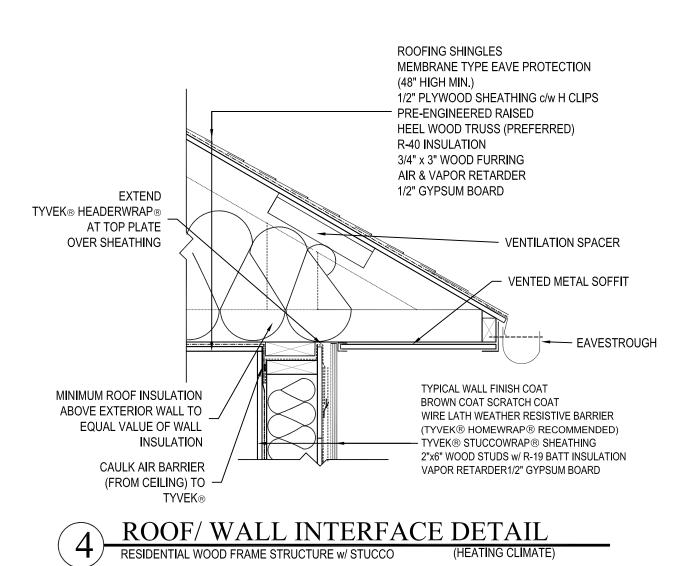
SCAL DRAV REVIS











MINIMALLY EXPANDING

APPROVED CAULK

WINDOW WITH

MOUNTING FLANGE

INTEGRAL -

WINDOW HEAD DETAIL

POLYURETHANE FOAM OR

(AROUND WINDOW RSO)

TYPICAL WALL

BROWN COAT

SCRATCH COAT

WEATHER RESISTIVE BARRIER

INSTALL TYVEK® FLEXWRAPTM

OVER MOUNTING FLANGE.

LAP TYVEK® & TAPE.

METAL DRIP EDGE

TYVEK® STUCCOWRAP®

w/ R-19 BATT INSULATION

(TYVEK® HOMEWRAP® RECOMMENDED)

FINISH COAT

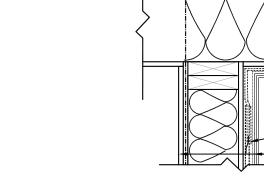
WIRE LATH

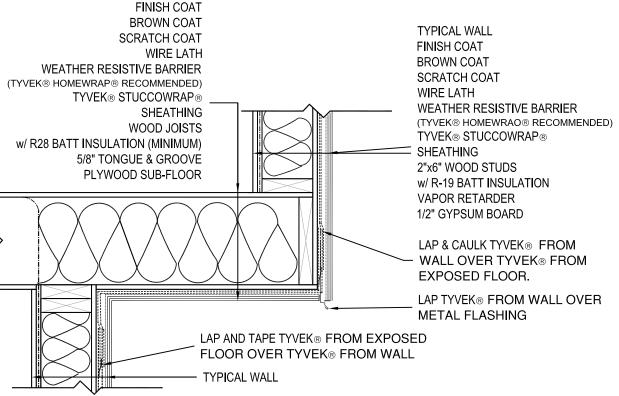
SHEATHING

2"x6" WOOD STUDS

VAPOR RETARDER

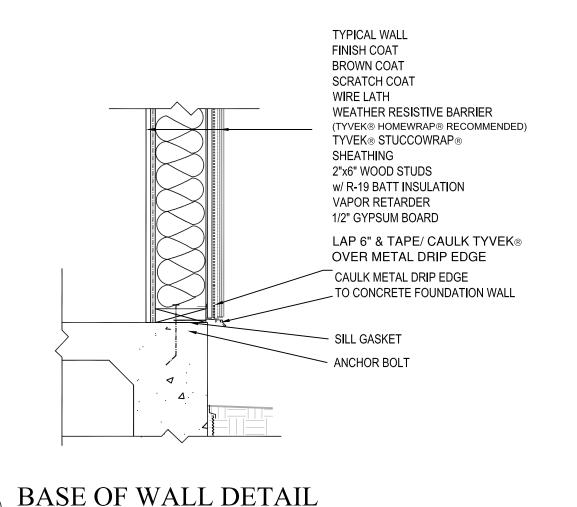
1/2" GYPSUM BOARD



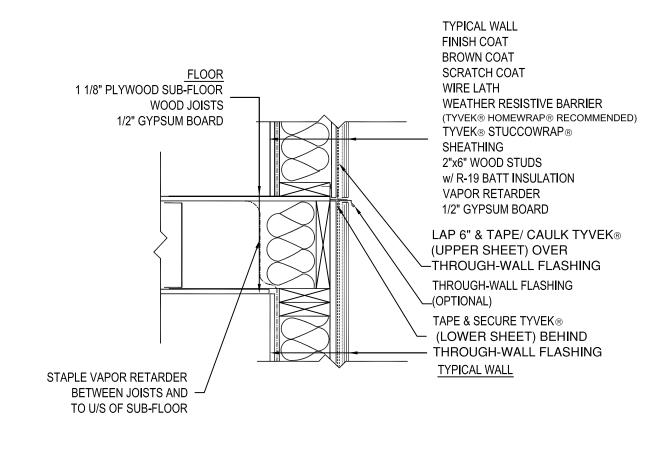


CANTILEVERED FLOOR

2	CANTILEVERED FLOOR	DETAIL
$\setminus \mathcal{I}$	RESIDENTIAL WOOD FRAME STRUCTURE w/ STUCCO	(HEATING CLIMATE)



RESIDENTIAL WOOD FRAME STRUCTURE w/ STUCCO



PLOOR/ WALL INTERFACE DETAIL
RESIDENTIAL WOOD FRAME STRUCTURE W/ STUCCO (HEATING CLIMATE)

PL	AN LEGEND
FLOOR PLAN	
CONC	CONCRETE
CLG	CEILING
D/W	DISH WASHER
DISP	DISPOSAL
IR1S	1 ROD & 1 SHEF
2R2S	2 ROD & 2 SHELVES
TYP. CLG. MOULD	TYPICAL CEILING MOULD
K.S	KNEE SPACE
SHLVS	SHELVES
FRIG.	REFRIGERATOR
OVEN COMB	OVEN W/MICROWAVE
MW	MICROWAVE
CRPT	CARPET
F.D	FLOOR DRAIN
GYP	GYPSUM
SH. DL	SINGLE HUNG/DIVIDED LITE
FX. DL	FIX GLASS/DIVIDED LITE
HS. DL	HORIZONTAL SLIDER/DIVIDED LITE
FRAMING PLAN	
YPKD	YELLOW PINE KILN DRIED
SPF	SPRUCE PINE FUR
O.C	ON CENTER
O.B	DROP BEAM
F.B	FLUSH BEAM
DBL	DOUBLE
LVL	LAMINATED VENEER LUMBER
CANT	CANTILEVER
NTERIOR ELEVATION	
F.D	FURR DOWN
F	FILLER
F.P	FIREPLACE
OVFR	OVEN FRONT
EXTERIOR ELEVATION	
PROJ	PROJECTED
O.H.D	OVERHEAD DOOR
PLHT	PLATE HEIGHT
PLT	PLATE
F.F	FINISH FLOOR
B.O	BOTTOM OF

MISCELLANEOUS NOTES:

EACH BEDROOM TO HAVE A MINIMUM WINDOW OPENING OF 5.7 SQ. FT. WITH A MINIMUM WIDTH OF 20 IN. AND A SILL LESS THAN 44" ABOVE FINISH FLOOR.

ALL GLAZING WITHIN 18 IN. OF THE FLOOR AND/OR WITHIN 24 IN. OF ANY DOOR (REGARDLESS OF WALL PLANE) ARE TO HAVE SAFETY GLAZING. ALL GLAZING WITHIN 60 IN. OF TUB OR SHOWER FLOOR, 60 IN. OF A STAIR LANDING OR GREATER THAN 9 SQUARE FEET ARE TO HAVE SAFETY GLAZING

SKYLIGHTS ARE TO BE GLAZED WITH TEMPERED GLASS ON OUTSIDE AND LAMINATED GLASS ON THE INSIDE (UNLESS PLEXIGLASS). GLASS TO HAVE MAXIMUM CLEAR SPAN OF 25 IN. AND FRAME IS TO BE ATTACHED TO A 2x CURB WITH A MINIMUM OF 4 IN. ABOVE ROOF PLANE.

ALL TUB AND SHOWER ENCLOSURES ARE TO BE GLAZED WITH SAFETY GLASS.

ALL EXTERIOR WINDOWS ARE TO BE DOUBLE GLAZED AND ALL EXTERIOR DOORS ARE TO BE SOLID CORE WITH WEATHERSTRIPPING. PROVIDE 1/2 IN. DEADBOLT LOCKS ON ALL EXTERIOR DOORS, AND LOCKING DEVICES ON ALL DOORS AND WINDOWS WITHIN 10 FT. (VERTICAL) OF GRADE. PROVIDE PEEPHOLE 54-66 IN. ABOVE FIN. FLOOR ON EXTERIOR ENTRY DOORS.

PROVIDE ONE SMOKE DETECTOR IN EACH ROOM AND ONE IN EACH CORRIDOR ACCESSING BEDROOMS. CONNECT SMOKE DETECTORS TO HOUSE POWER AND INTER-CONNECT SMOKE DETECTORS TO HOUSE POWER AND INTERCONNECT SO THAT, WHEN ANY ONE IS TRIPPED, THEY ALL WILL SOUND. PROVIDE BATTERY BACKUP FOR ALL UNITS.

PROVIDE COMBUSTION AIR VENTS (W/SCREEN AND BACK DAMPER) FOR GAS FIRE-PLACE AND ANY OTHER APPLIANCES WITH AN OPEN FLAME.

BATHROOMS AND UTILITY ROOMS ARE TO BE VENTED TO THE OUTSIDE WITH A FAN CAPABLE OF

PRODUCING A MINIMUM OF 5 AIR EXCHANGES PER HOUR.

RANGE HOODS ARE ALSO TO BE VENTED TO THE OUTSIDE.

ELECTRICAL RECEPTACLES IN BATHROOMS, KITCHENS AND GARAGES SHALL BE G.F.I. OR G.F.I.C. PER

NATIONAL ELECTRICAL CODE REQUIREMENTS.

INSULATE ALL ACCESS DOORS/ HATCHES TO CRAWL SPACES AND ATTICS TO THE EQUIVALENT RATING OF THE WALL, FLOOR OR CEILING THROUGH WHICH THEY PENETRATE. UNO ON PLANS. ATTIC R-38

PROVIDE CRAWLSPACE VENTING TO MEET THE REQUIREMENTS OF THE 2006

EDITION OF THE I.R.C.

PROVIDE SPECIAL INSPECTION, SPECIAL TESTING, REPORTING AND COMPLIANCE PROCEDURES AS REQUIRED BY HARRIS COUNTY DEVELOPMENT PERMIT AND AS SPECIFIED BY STRUCTURAL ENGINEER.

GENERAL NOTES:

WALLS R-21 FLOORS R-30

THE BUILDER SHALL VERIFTY THAT SITE CONDITIONS ARE CONSISTENT WITH THESE PLANS BEFORE STARTING WORK. WORK NOT SPECIFICALLY DETAILED SHALL BE CONSTRUCTED TO THE SAME QUALITY AS SIMILAR WORK THAT IS DETAILED. ALL WORK SHALL BE DONE IN ACCORDANCE WITH INTERNATIONAL BUILDING CODES AND LOCAL CODES.

WRITTEN DIMENSIONS AND SPECIFIC NOTES SHALL TAKE PRECEDENCE OVER SCALED DIMENSIONS AND GENERAL NOTES. THE ENGINEER/DESIGNER SHALL BE CONSULTED FOR CLARIFICATION IF SITE CONDITIONS ARE ENCOUNTERED THAT ARE DIFFERENT THAN SHOWN, IF DISCREPANCIES ARE FOUND IN THE PLANS OR NOTES, OR IF A QUESTION ARISES OVER THE INTENT OF THE PLANS OR NOTES. CONTRACTOR SHALL VERIFY AND IS RESPONSIBLE FOR ALL DIMENSIONS (INCLUDING ROUGH OPENINGS).

PLEASE SEE ADDITIONAL NOTES CALLED OUT ON OTHER SHEETS.

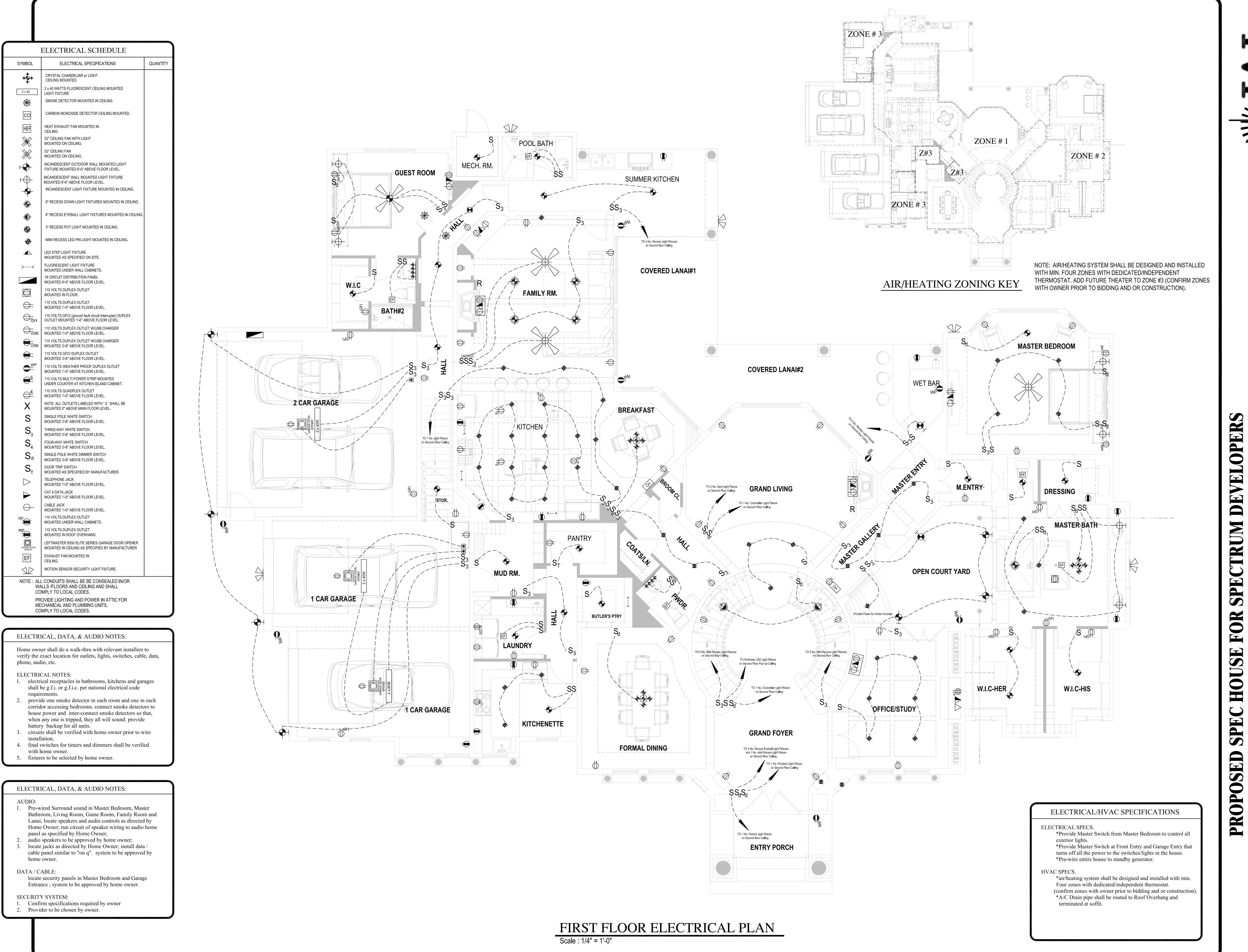
BUILDING PERFORMANCE:

HEAT LOSS CALCULATIONS SHALL COMPLY WITH THE REQUIREMENTS OF REGIONAL AND LOCAL CODES. SEE CALCULATIONS. PORCHES, DECKS, FOUNDATION, FIREPLACE ENCLOSURES, AND GARAGE AREAS NOT INCLUDED IN LIVING AREA. ALL EXHAUST FANS TO BE VENTED DIRECTLY TO THE EXTERIOR. ALL PENETRATIONS OF THE BUILDING ENVELOPE SHALL BE SEALED WITH CAULK OR FOAM.

RUCTURAL ENGINEER:	Riedel Engineering, LLC
ESIGNER:	JAL Arch Designs, LLC
JILDER:	Skylight Developers

PROPOSED RESIDENCE FOR MR. & MRS. DAI

J.A.L	DRAWN BY:
AS SHOWN	SCALE:
AUGUST 17,	DATE:





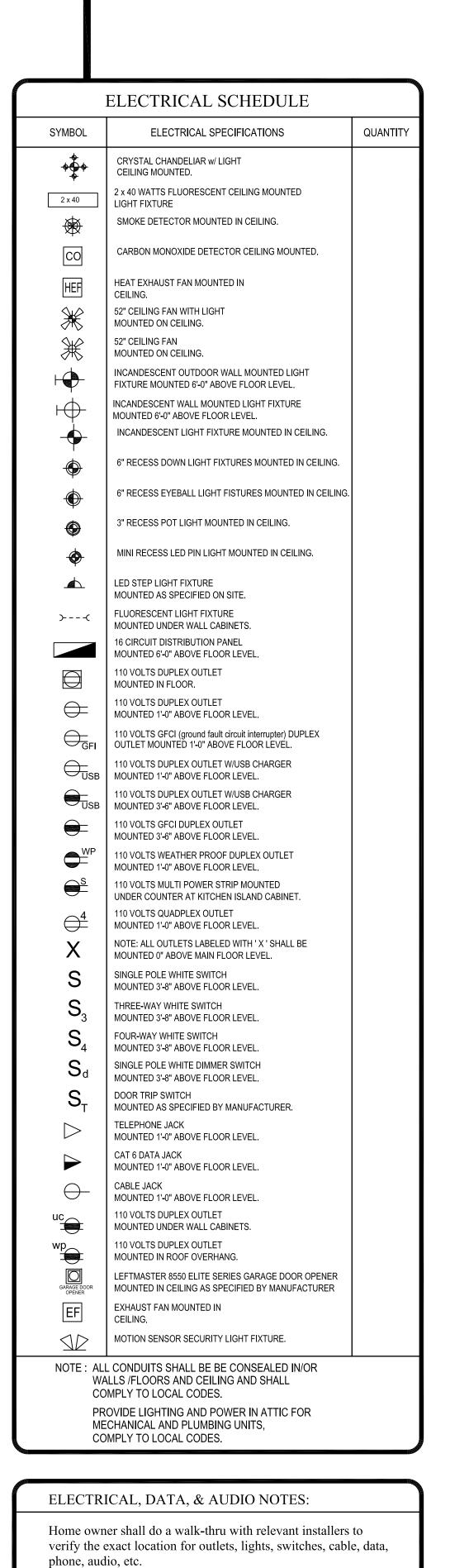
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FIRST FLOOR ELECTRICAL PLAN
ELECTRICAL SCHEDULE

SEPTEMBER 02, 2016
AS SHOWN
BY: J.A.L

E 1

DATE SCAL DRAV REVIS



ELECTRICAL NOT

ELECTRICAL NOTES:1. electrical receptacles in bathrooms, kitchens and garages shall be g.f.i. or g.f.i.c. per national electrical code

2. provide one smoke detector in each room and one in each corridor accessing bedrooms. connect smoke detectors to house power and inter-connect smoke detectors so that, when any one is tripped, they all will sound. provide battery backup for all units.

3. circuits shall be verified with home owner prior to wire installation.

4. final switches for timers and dimmers shall be verified with home owner

with home owner.
5. fixtures to be selected by home owner.

ELECTRICAL, DATA, & AUDIO NOTES:

AUDI

1. Pre-wired Surround sound in Master Bedroom, Master Bathroom, Living Room, Game Room, Family Room and Lanai, locate speakers and audio controls as directed by Home Owner; run circuit of speaker wiring to audio home panel as specified by Home Owner;

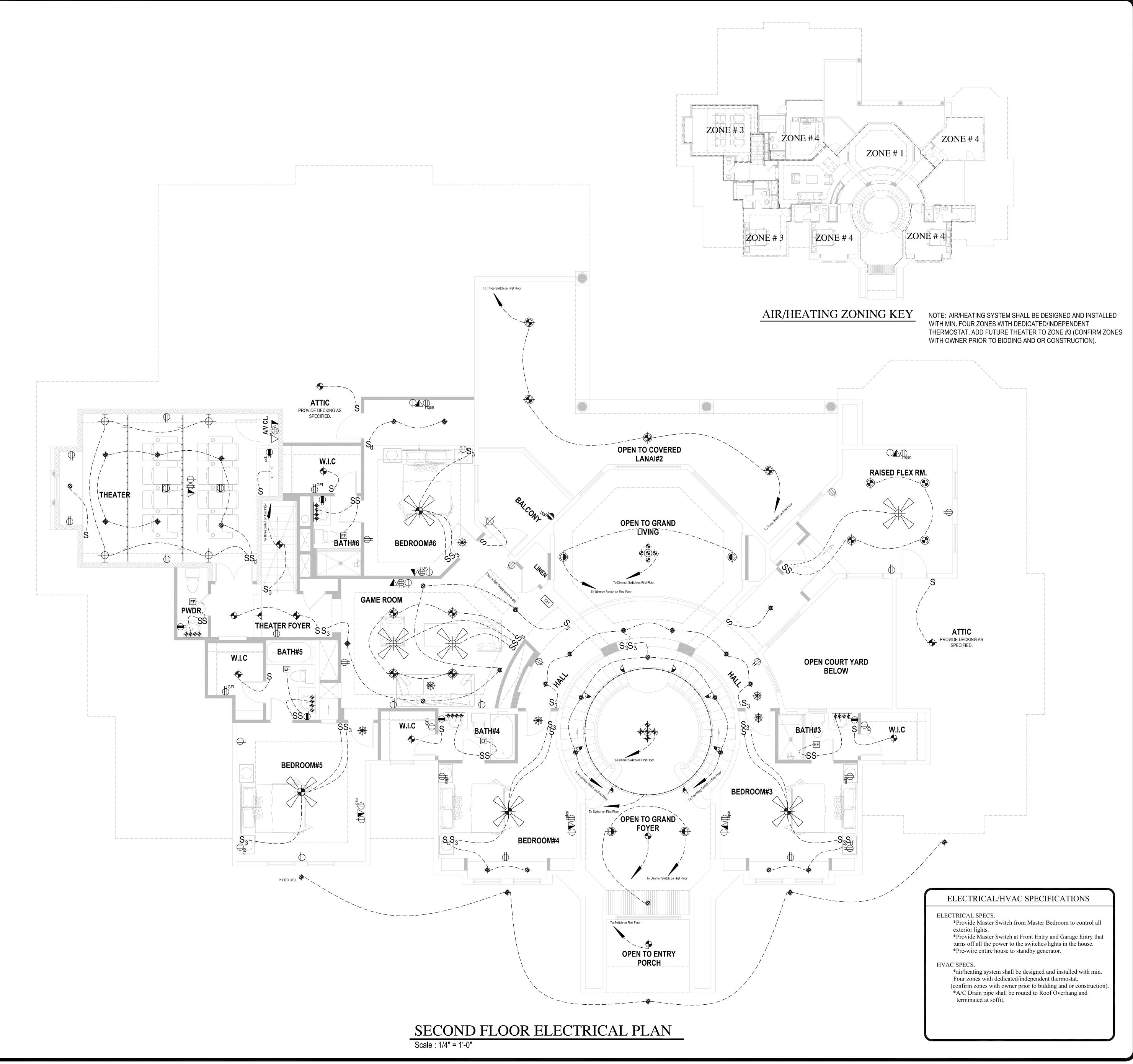
audio speakers to be approved by home owner;
 locate jacks as directed by Home Owner; install data / cable panel similar to "on q". system to be approved by home owner.

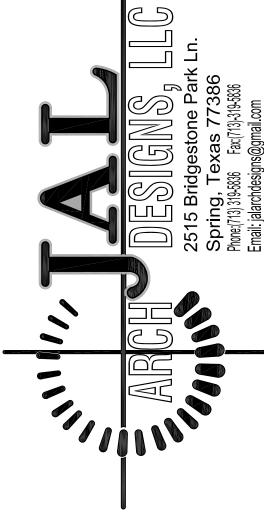
DATA / CABLE:

locate security panels in Master Bedroom and Garage Entrance; system to be approved by home owner.

SECURITY SYSTEM:

Confirm specifications required by owner
 Provider to be chosen by owner.





NOTE: JAL ARCH DESIGNS ASSUMES NO LIABILITY . IT IS THE F RESPONSIBILITY OF THE GENERAL CONTRACTOR TO VERIFY , DIMENSIONS, STRUCTURAL NOTES AND WINDOW/DOOR SIZES ADJUST TO MEET LOCAL AND STATE BUILDING CODES.

ND FLOOR ELECTRICAL PLAN
RICAL SCHEDULE & NOTES

AUGUST 17, 2017
AS SHOWN
J.A.L

DATE: AU
SCALE: AS
DRAWN BY: J.A
REVISED Fin