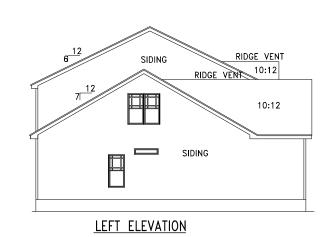
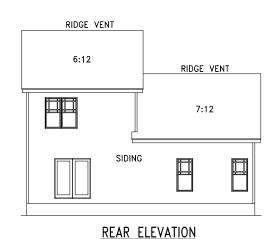
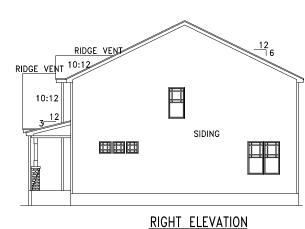
## Alton Fields Lot 10 - 13 Sundrops Trail

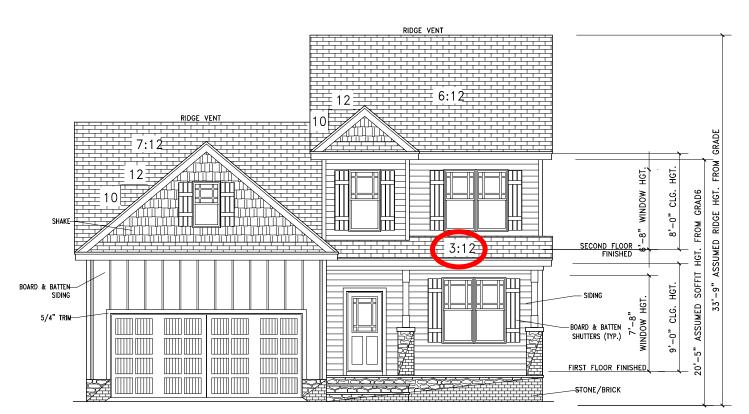












REFER TO SECTION RE CAROLINA STATE INTER CODES. Soffit Hgt. From + Assumed Grade f

20'-5"

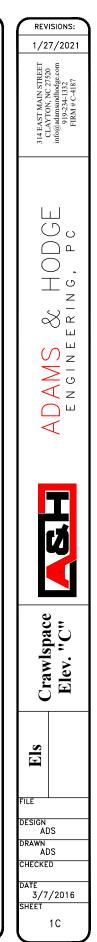
REQUIRED

ATTIC	SPACE	VENTILATION

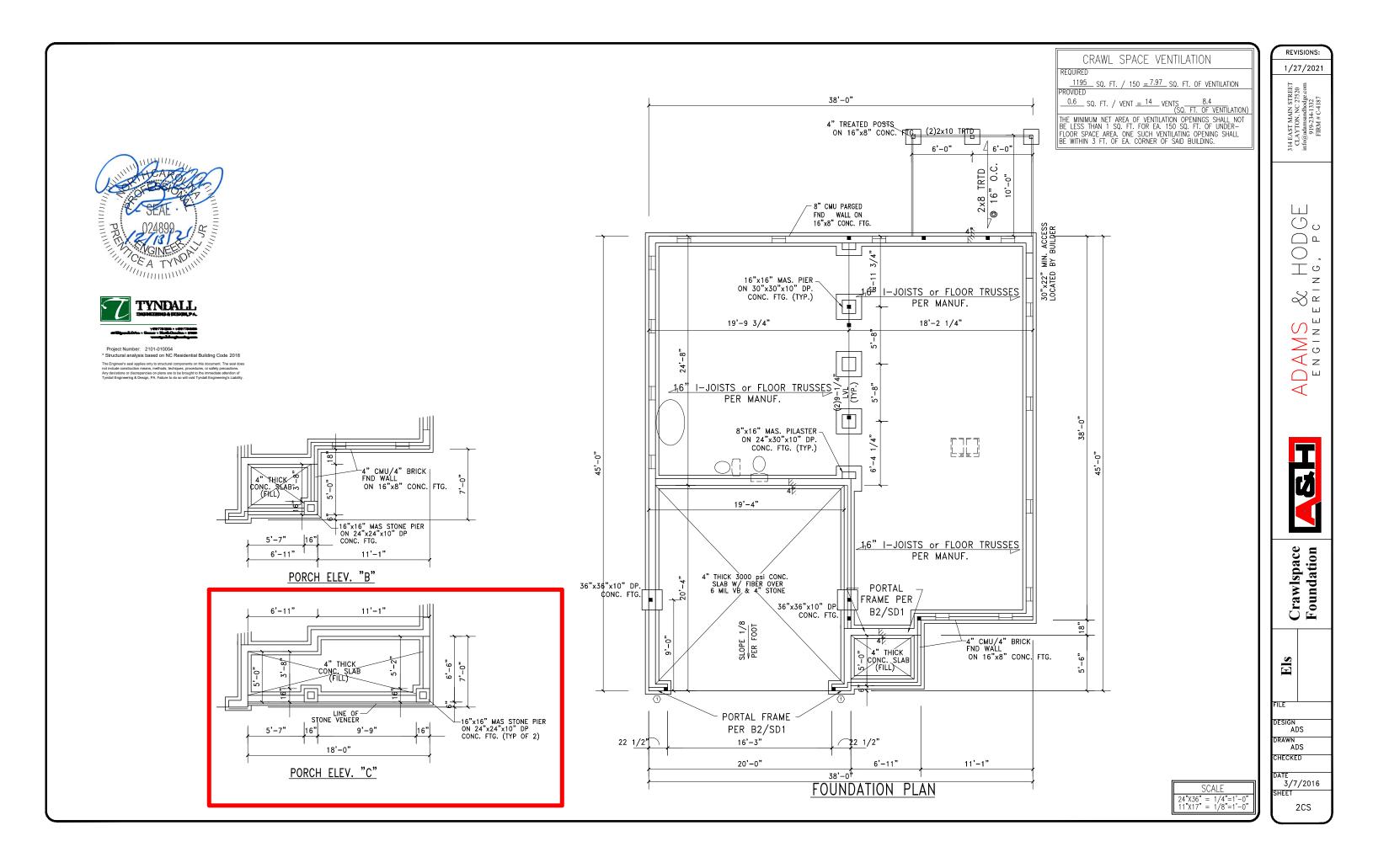
1701 SQ. FT. OF CLG. / 150 = 11.34 SQ. FT. REQUIRED

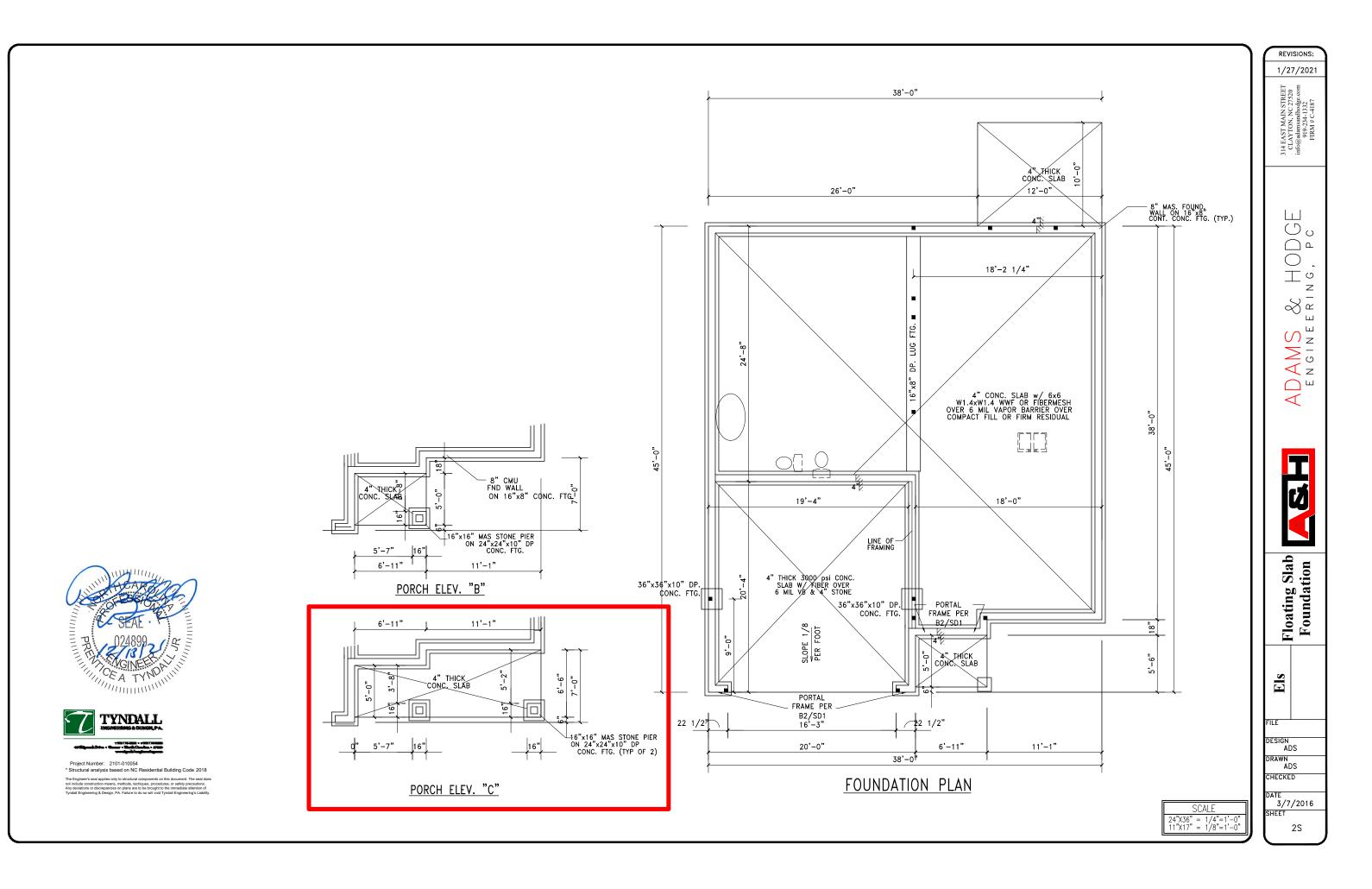
REFER TO SECTION R806 (ROOF VENTILATION) IN NORTH CAROLINA STATE INTERNATIONAL RESIDENTIAL BUILDING

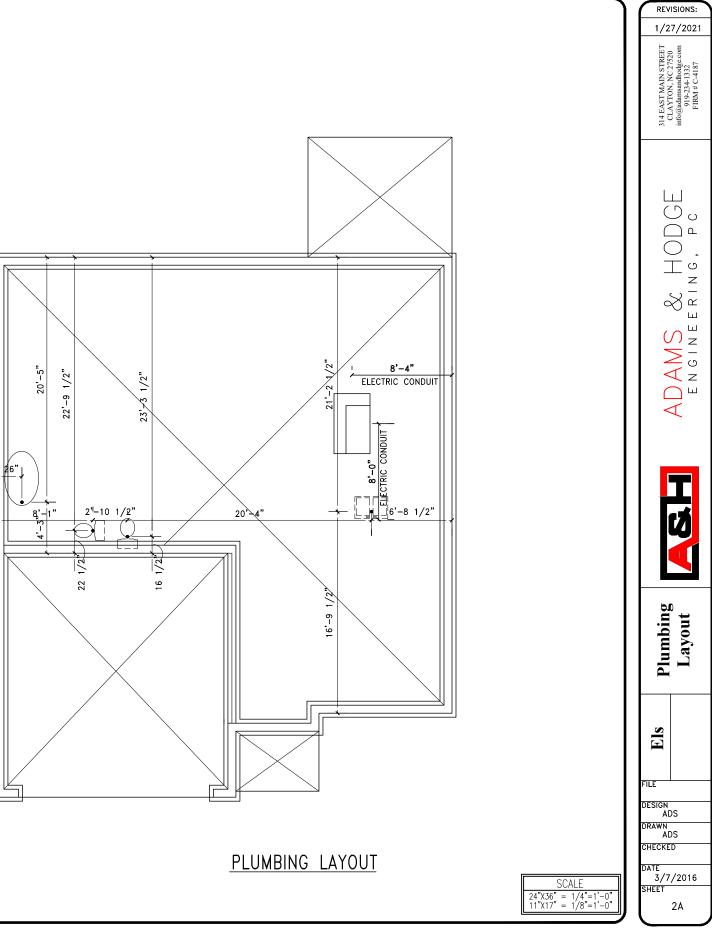
MEAN ROOF HGT.		
Highest Ridge Hgt. From Assumed Grade	÷2	= Mean Roof Hgt.
33'-9"	÷2	= <sup>27'-1</sup> " Mean Roof Hgt.



SCALE
$24^{"}X36" = 1/4"=1'-0"$ $11^{"}X17" = 1/8"=1'-0"$
,









	LIVE LOAD (PSF)	DEAD LOAD (PSF)	DEFLECTION	
	. ,	( )	LL	TL
FLOOR (primary)	40	10	L/360	L/240
FLOOR (secondary)	40	10	L/360	L/240
ATTIC (w/ storage)	20	10	L/240	L/180
ATTIC (no access)	10	5	L/240	L/180
EXTERNAL BALCONY	40	10	L/360	L/240
ROOF	20	10	L/240	L/180
ROOF TRUSS	20	20	L/240	L/180
WIND LOAD	BASED ON 120 MPH (EXPOSURE B)			
SEISMIC	BASED ON SEISMIC ZONES A, B & C			

- STRUCTURAL NOTES:

   1) ALL CONSTRUCTION SHALL CONFORM TO THE LATEST REQUIREMENTS OF "NORTH CARQUNA STATE 2018 RESIDENTIAL BUILDING CODE", IN ADDITION TO ALL LOCAL CODES AND REQUIRTIONS.

   2) IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY ALL DUMENSIONS AND SOUARE FOOTAGE PRIOR TO CONSTRUCTION. DIMENSIONS AND SOUARE FOOTAGE ERRORS ONCE CONSTRUCTION REGNS.

   3) ALL LUMBERT DISTAGE PROFILE FUNCTION. DIMENSIONS AND SOUARE FOOTAGE ERRORS ONCE CONSTRUCTION REGNS.

   4) ALL LUMBERT DISTAGE THE STATE WIDOW HEADERS WITH MAXIMUM SPAIN OF 5-6" SHOULD BE A (2) 2400 V(1) 24 (LE LEVEL MICROLAUM) ALL LS, LUMBERT IS TO BE LISSE (FG = 2325 PSI)

   4) ALL LOAD BEARING EXTERIOR MINDOW HEADERS WITH MAXIMUM SPAIN OF 5-6" SHOULD BE A (2) 2400 V(1) 24 (2) 040 0 8" C. PROVIDED THAT THE TOP OF THE WINDOW HEIGHT IS 6"-8", MINIUM BOTTOM OF THE WINDOW HEIGHT IS 1-6", CHENNIQUE THAT THE TOP OF THE WINDOW HEIGHT IS 6"-8", MINIUM BOTTOM OF THE WINDOW HEIGHT IS 1-6", CHENNIQUE REDORS STUD REQUIREMENTS FOR HEADER SPANS FOR INTERIOR AND EXTERIOR LOAD DEARING HEADERS TO BE (2) 2x10 (U.N.O.) REFERT TO TABLE RSDS.(1) FOR JACK STUD REQUIREMENTS FOR HEADER SPANS FOR INTERIOR AND EXTERIOR LOAD DEARING CODE SECTION REGOZ FOR CONSTRUCTION OF ALL WALLS OVER 10-0" IN HEIGHT.

   6) REFERT TO TABLE RSDS.(1) FOR JACK STUD REQUIREMENTS FOR HEADER SPANS FOR INTERIOR AND EXTERIOR LUMALS STELL SHALL BE ASTM A992 GRADE 50 Fy = 50 KSI MM. (UNO)

   7) ALL CONCRETE, FC = SOOT PS MIN.

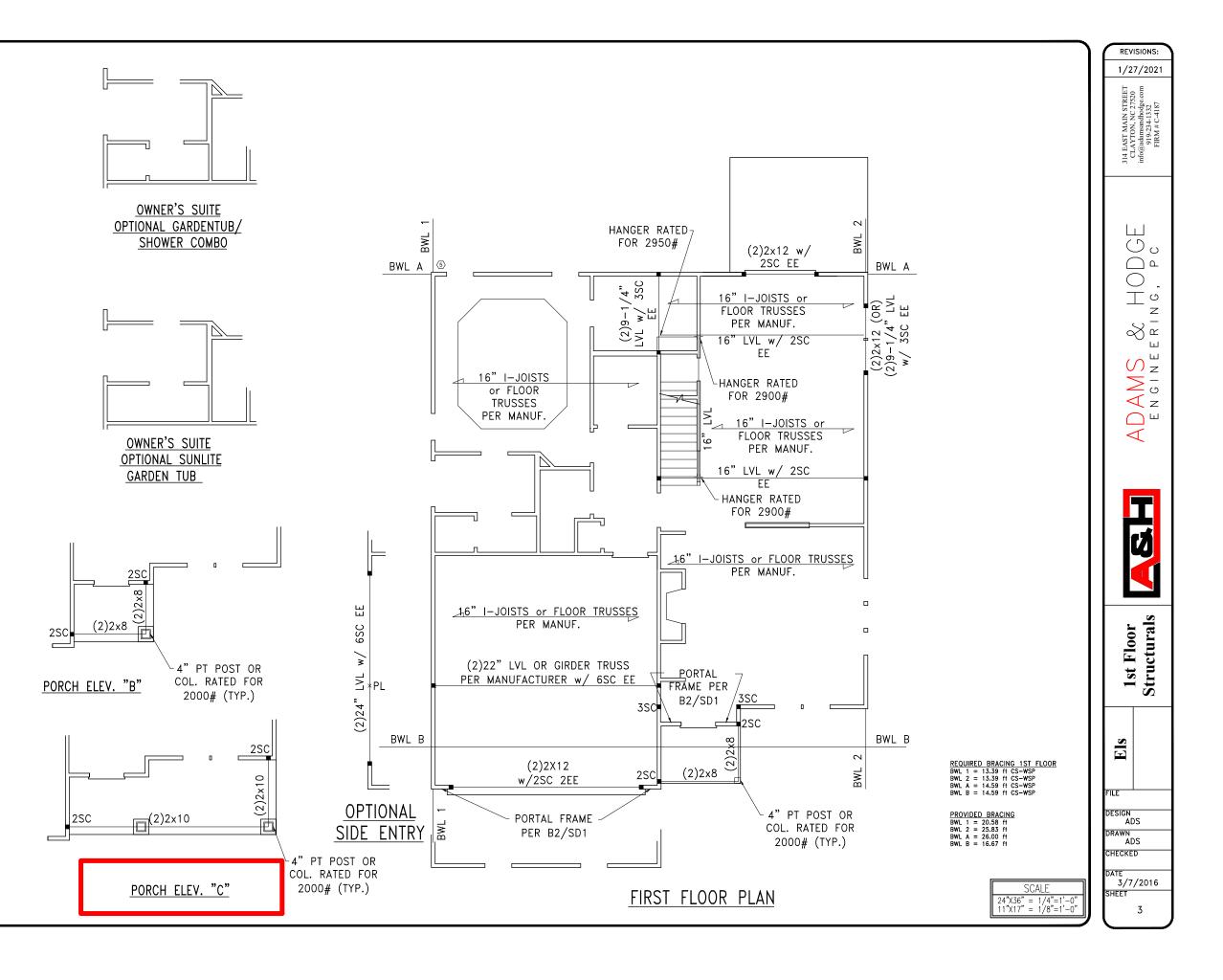
   10) PRESUMPTIVE BEARING SPACED AT 3-0" OC. FOR BEAREMENTS. ANCHOR BOLT SHALL EXTEND 7" INTO CONCRETE OR MAXGOWRY.

   12) PSL COLUMN DESIGNED WITH MAX. HEIGHT OF 9"-0" (UNO) ALL EXTERIOR PER HEIGHT SHALL BEASTM A992 GRADE 50 Fy = 50 KSI MM. (UNO)





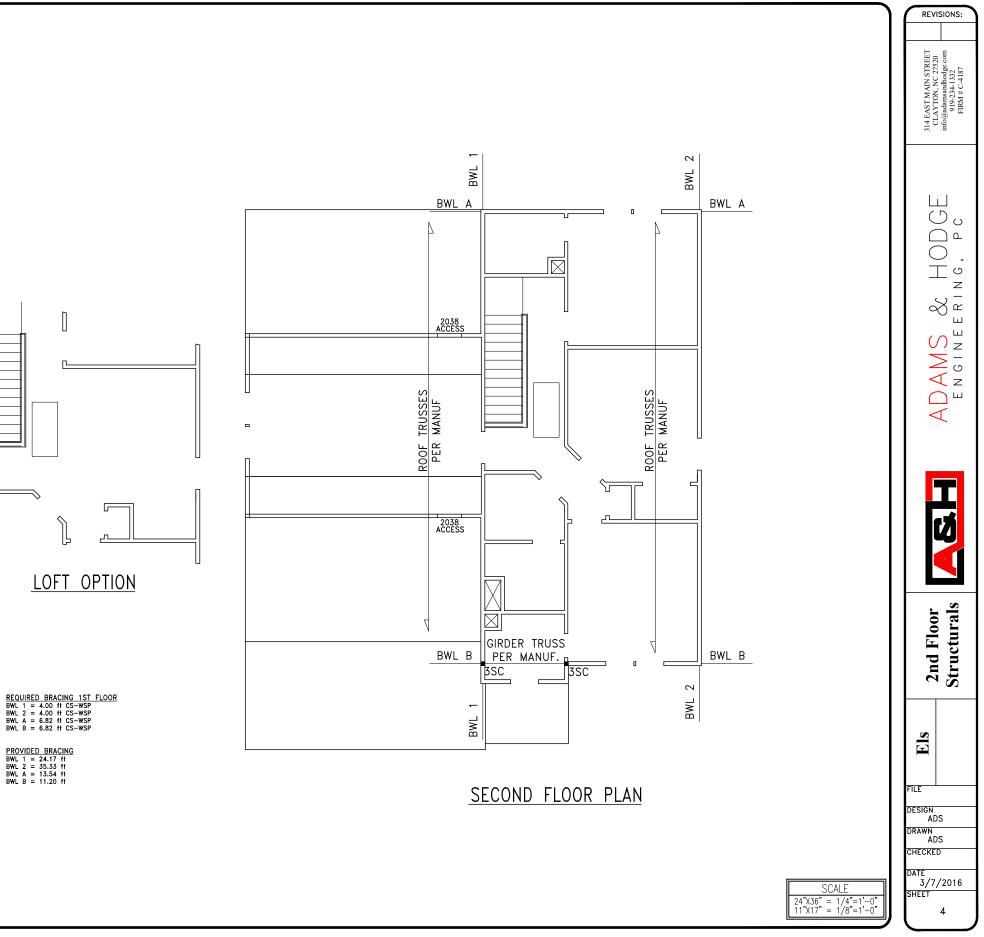
mber: 2101-010054 tructural analysis based on NC Residential Building Code 2018 pplies only to structural components on this document. The seal does in means, methods, lechiques, procedures, or safety precaulions, repancies on plans are to be brought to the immediate attention of Design, PA. Failure to do so will void Tyndall Engineering's Lability.





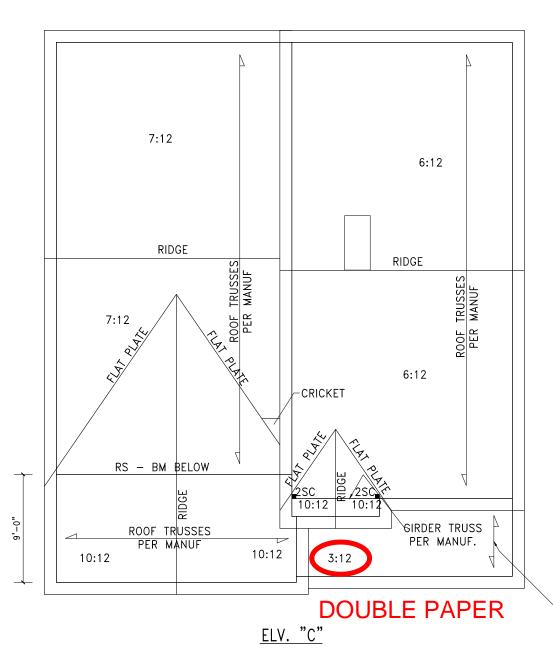


Project Number: 2101-010054 \* Structural analysis based on NC Residential Building Code 2018 seal applies back that into incontential balance back of the seal does a seal applies only to structural components on this document. The seal does struction means, methods, techiques, procedures, or safety precautions. or discrepancies on plans are to be brought to the immediate attention of ering & Design, PA, Fairure to do so will viol Tyndall Engineering's Lability.



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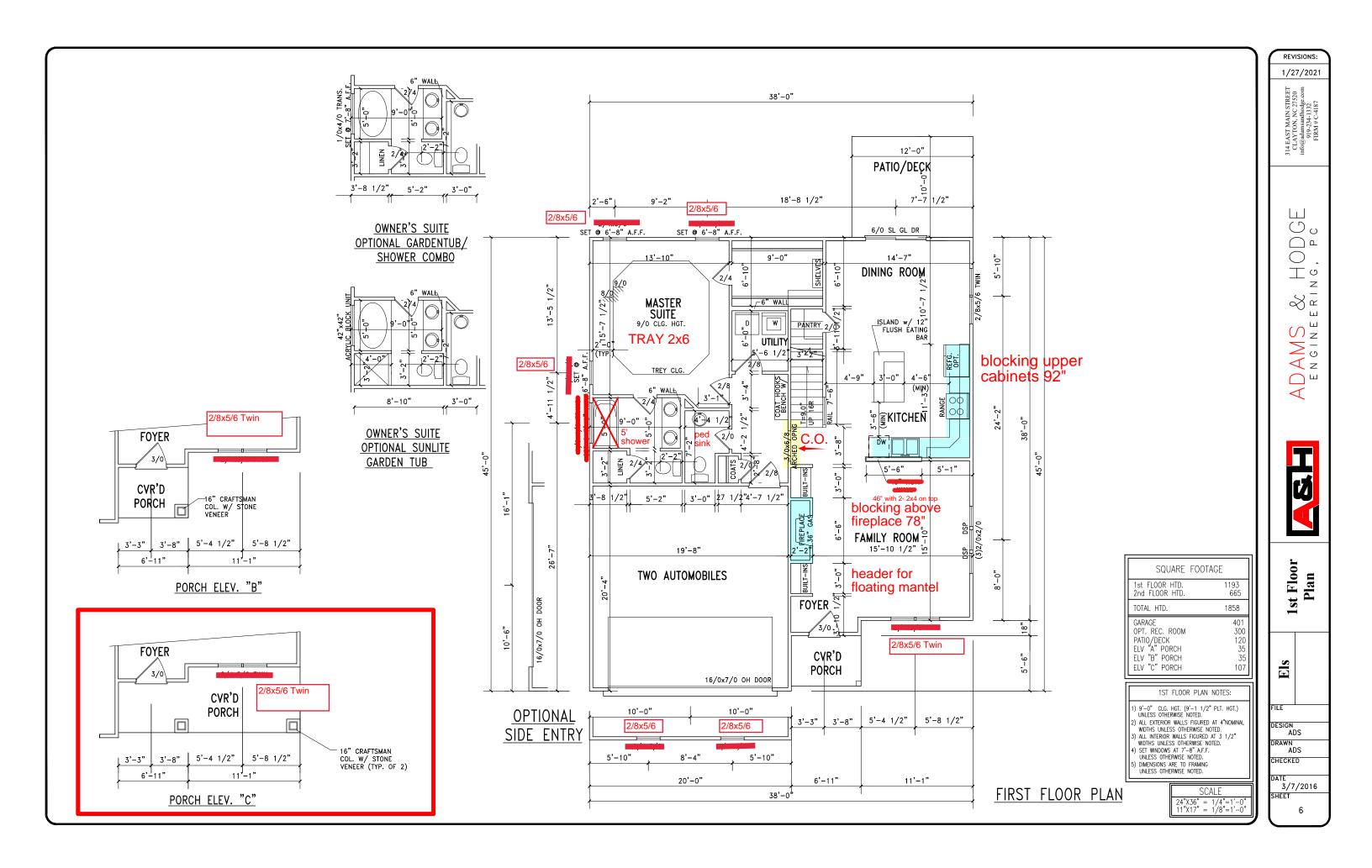


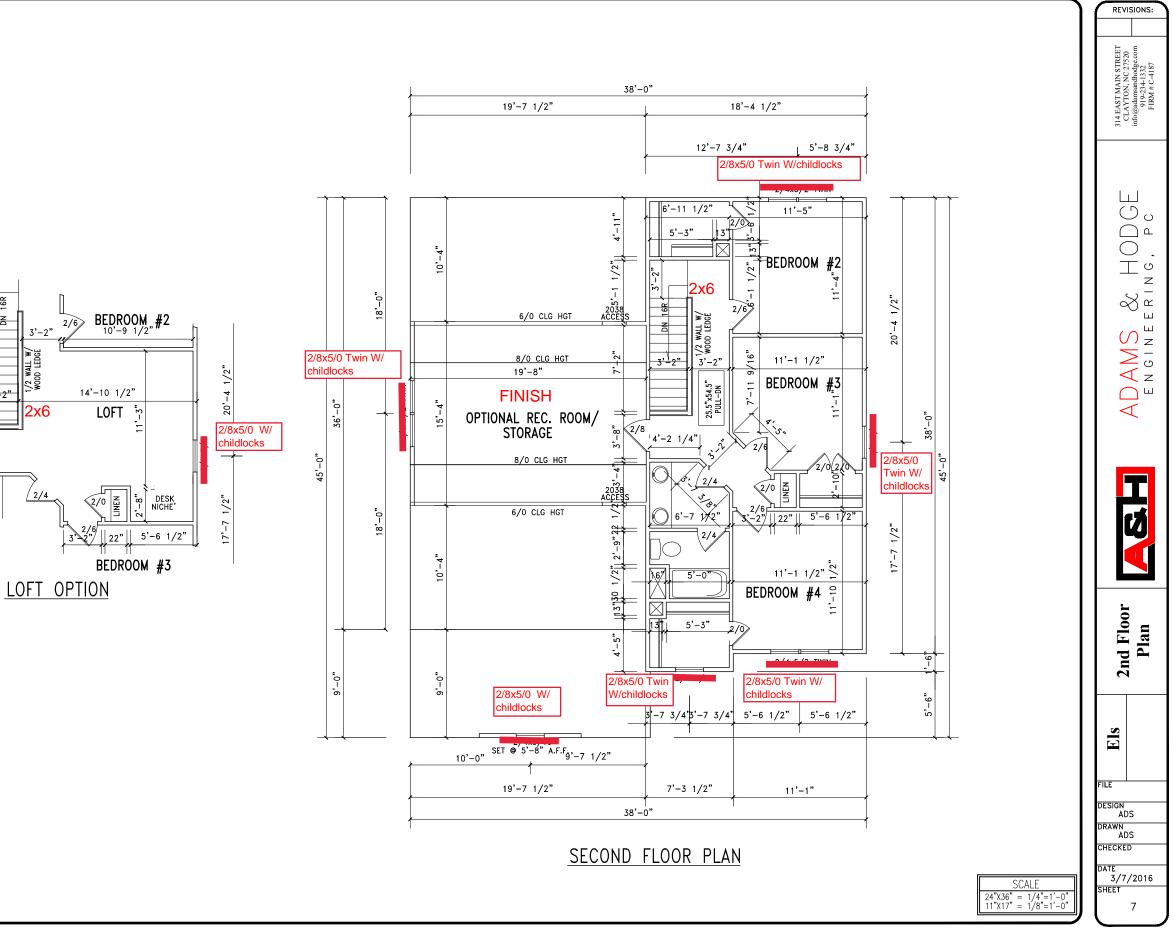
Project Number: 2101-010054 \* Structural analysis based on NC Residential Building Code 2018 The Engineer's seal apples only to structural components on this document. The seal does not indude construction means, methods, lechiques, procedures, or safety precadions. Any deviations of discrepancies on plans are to be brought to the immediate latention of Trynald Engineering a Design, PA Failure to do on will voit Trynald Engineering's Liability.

REVISIONS:
314 EAST MAIN STREET CLAYTON, NC 27520 info@admmsndbdgs.com 919-234-1332 FIRM # C-4187
ADAMS & HODGE Engineering, PC
<b>H</b> S
Roof Framing
Els
FILE
DESIGN ADS
DRAWN ADS
CHECKED
DATE 3/7/2016
SHEET
5C
$\square$

ROOF TRUSSES PER MANUF. or STICK FRAMED w/ 2x6 @ 16" O.C.

> SCALE 24"X36" = 1/4"=1'-0" 11"X17" = 1/8"=1'-0"





3'-2"

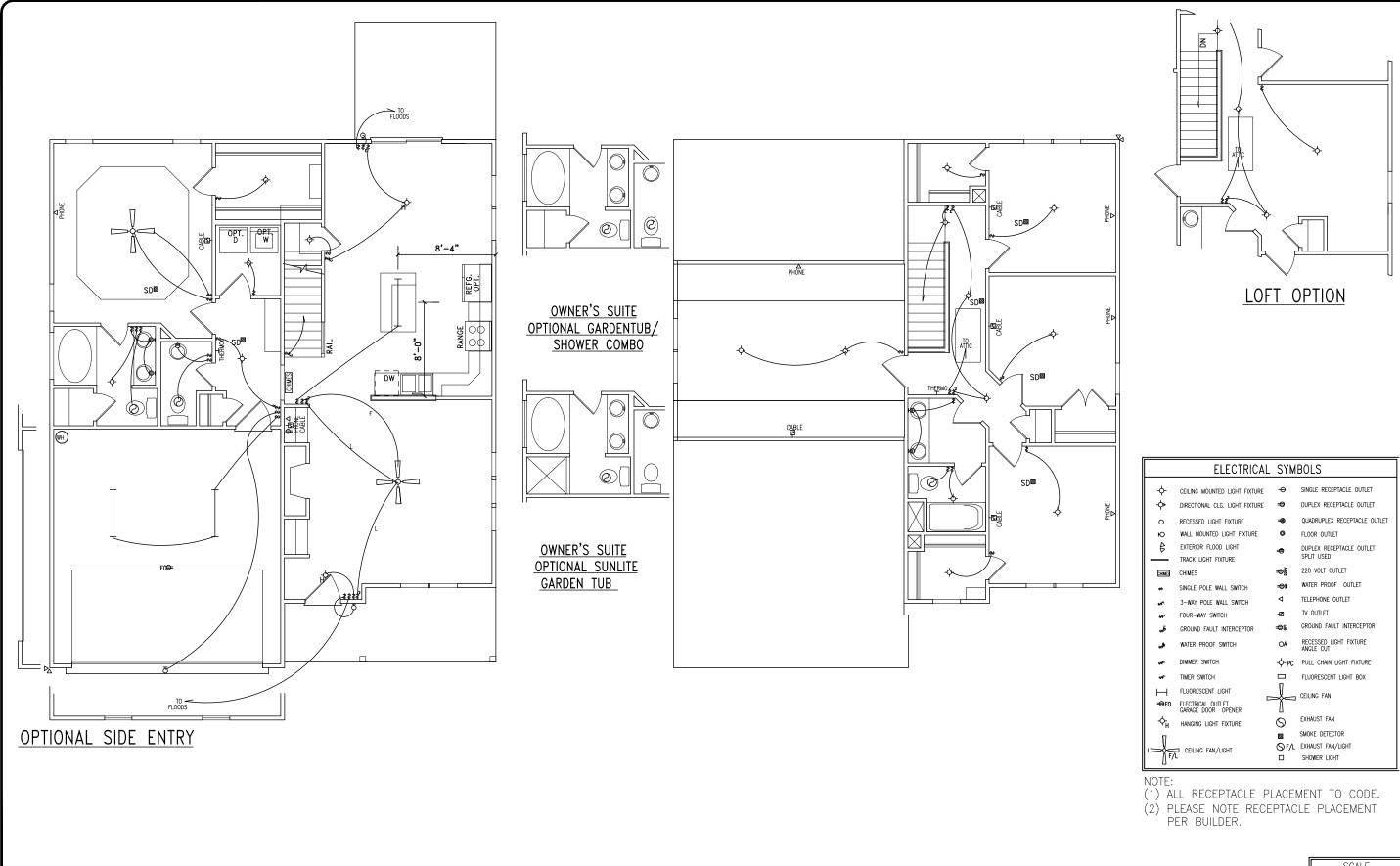
/2 W W00D

2x6

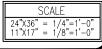
2/4

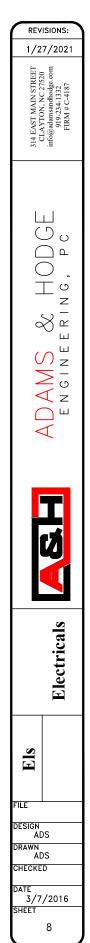
3'-2"

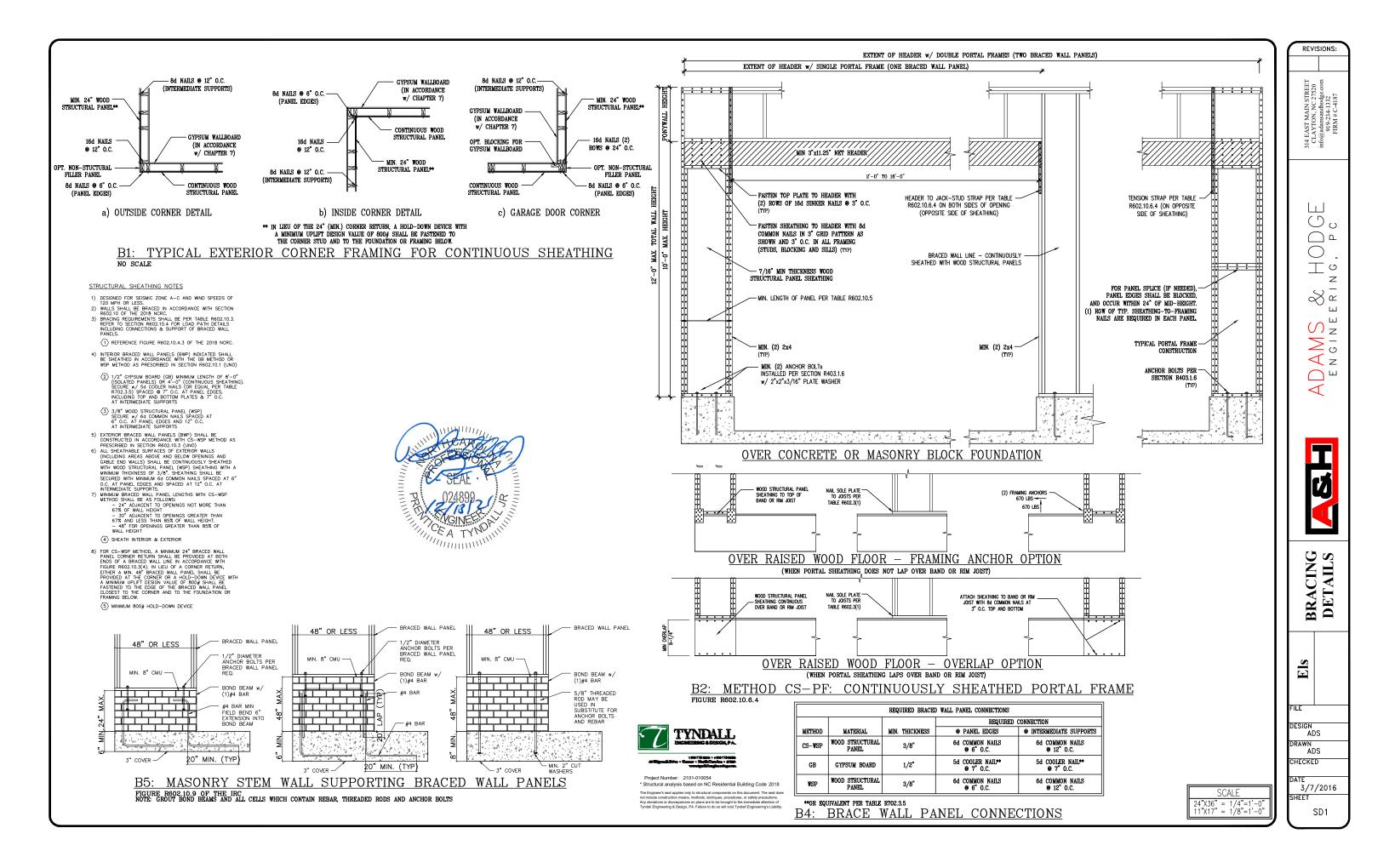
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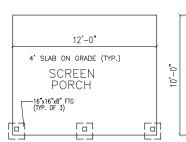
	ELECTRICAL	SYM	BOLS
-¢-	CEILING MOUNTED LIGHT FIXTURE	- <del>O</del>	SINGLE RECEPTACLE OUTLET
- <b>(</b> >	DIRECTIONAL CLG. LIGHT FIXTURE	€	DUPLEX RECEPTACLE OUTLET
0	RECESSED LIGHT FIXTURE	-	QUADRUPLEX RECEPTACLE OUTLET
ю	WALL MOUNTED LIGHT FIXTURE	0	FLOOR OUTLET
46	Exterior flood light Track light fixture	÷	DUPLEX RECEPTACLE OUTLET SPLIT USED
CHIMES	CHIMES	₽Š	220 VOLT OUTLET
\$	SINGLE POLE WALL SWITCH	<b>#</b>	WATER PROOF OUTLET
۹ <sup>0</sup>	3-WAY POLE WALL SWITCH	٩	TELEPHONE OUTLET
***	FOUR-WAY SWITCH	-12	TV OUTLET
ē,	GROUND FAULT INTERCEPTOR	÷€5	GROUND FAULT INTERCEPTOR
<b>"</b> ۴	WATER PROOF SWITCH	OA	RECESSED LIGHT FIXTURE ANGLE CUT
w٩	DIMMER SWITCH	-ф-рс	PULL CHAIN LIGHT FIXTURE
₩	TIMER SWITCH		FLUORESCENT LIGHT BOX
н	FLUORESCENT LIGHT		CEILING FAN
<b>-</b> €E0	ELECTRICAL OUTLET GARAGE DOOR OPENER	Ĩ	
-¢ <sub>ī</sub>	HANGING LIGHT FIXTURE	0	EXHAUST FAN
	□ CEILING FAN/LIGHT	⊠ () F/L □	SMOKE DETECTOR EXHAUST FAN/LIGHT SHOWER LIGHT







## FLOOR PLAN DETAIL



EXISTING HOUSE

