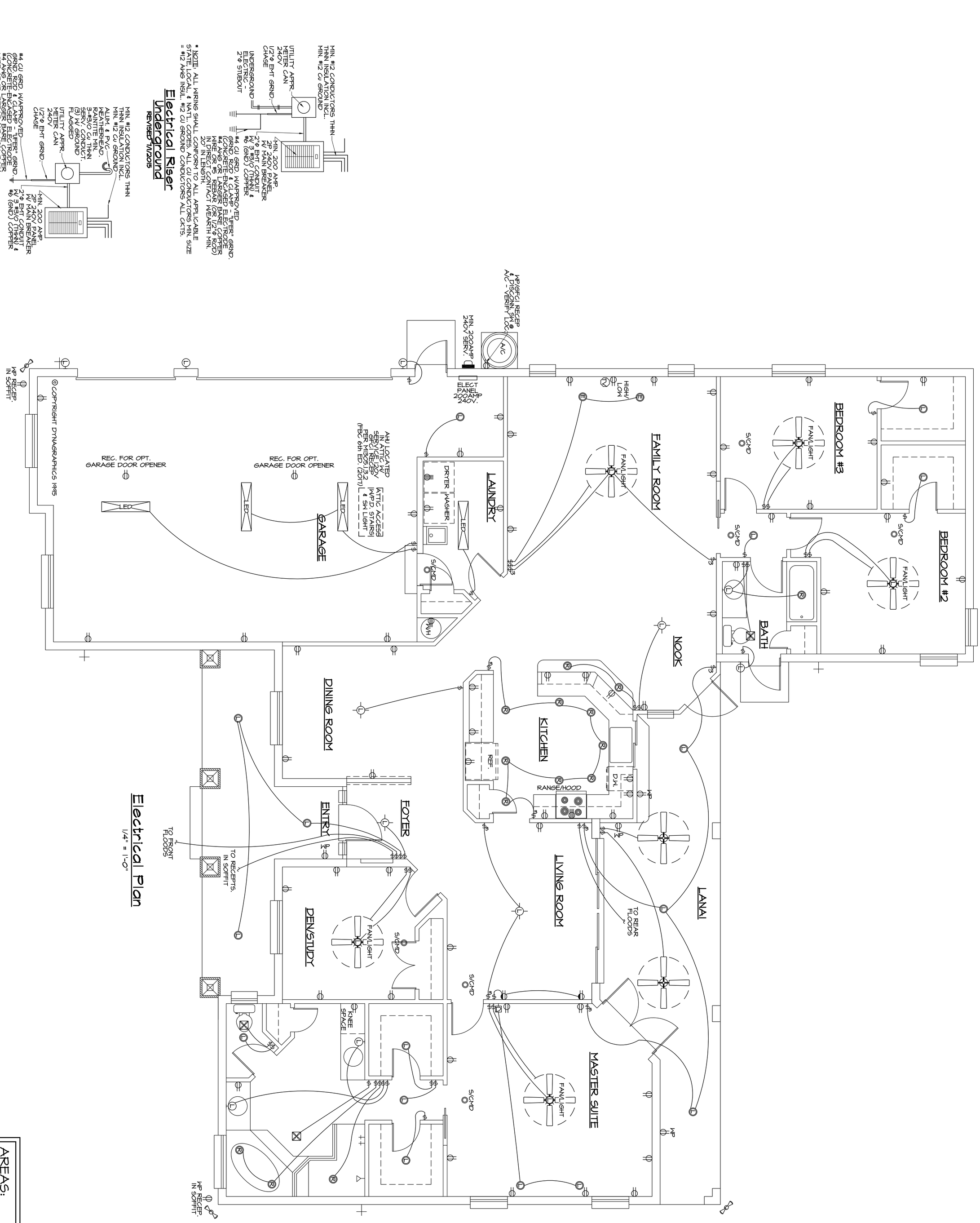
* NOTE: ALL WIRING SHALL CONFORM TO ALL APPLICABLE STATE, LOCAL, & NAT'L. CODES. ALL Cu CONDUCTORS MIN. SIZE = #12 AWG INSUL. #12 Cu GROUND CONDUCTORS ALL CKTS.

Electrical Riser
Underground
REVISED 7/1/2015

* NOTE: ALL WIRING SHALL CONFORM TO ALL APPLICABLE STATE, LOCAL, & NAT'L. CODES. ALL Cu CONDUCTORS MIN. SIZE = #12 AWG INSUL.

Electrical Riser
Above Ground
REVISED 7/1/2015



Electrical Plan
1/4" = 1'-0"

AREAS:	
LIVING	2,486
GARAGE	785
FRONT PORCH	208
LANAI	312
TOTAL:	3,791

DESIGN LOADS:

1. Design conforms with Florida Bldg. Code 6th Edition (2017) (Building & Residential)
   Design Criteria: Ultimate Wind Forces As Described In Wind Design Loads For Buildings & Other Structures
2. Wood: No. 2 Grade Southern Pine Or Better
3. Risk Category II
4. MWFRS Chapters 26 Thru 29
5. Chap. 30: Components/Cladding (C& C)
   Part 1: Low Rise Building
   Doors & Windows +30 PSF/-35 PSF
   Garage Door +30 PSF/-35 PSF
6. Internal Pressure Coefficient: ± 0.18
7. Exposure "B"
8. Residential Catagory R3

ELECTRICAL LEGEND			
DUPLEX RECEPTACLE		LED	LED FLUORESCENT LT.
220V RECEPTACLES		TV	TELEVISION OUTLET
SPLIT-WIRED RECEPTACLE		▼	PHONE JACK
WP WEATHERPROOF RECEP.		SD	SMOKE DETECTOR *
GFCI GROUND FAULT INTERRUPT *		CMD	CARBON MONOXIDE DETECTOR *
AFCI ARC FAULT INTERRUPT *		S/CMD	SMOKE/CO DETECTOR *
$ SINGLE SWITCH			LIGHT FIXTURE - LED
$3 THREE-WAY SWITCH		D	DIMMER
R RECESSED CAN - LED			VENT FAN
E EYEBALL SPOT - LED			FLOODLIGHTS - LED
P PENDANT HANGING LIGHT - LED		FAN/HEAT	FAN/LIGHT/HEATLAMP
L LED 6" TRANSVERSE CLG. MTD.			VENTALITE

ELECTRICAL NOTES (NEC, 2014/6TH ED., 2017/NFPA 70):
1. SMOKE/CO DETECTORS TO BE HARD WIRED & INTERCONNECTED W/ BATTERY BACKUPS. *
2. CO DETECTORS (CMD) TO BE PROVIDED @GARAGE ENTRY DOORS ON RESIDENCE SIDE **
3. AFCI CIRCUITS: ALL CIRCUITS EXCEPT GFCI PROTECTED TO BE AFCI PROTECTED **
   W/TAMPER PROOF RECEPTACLES (PER NEC 2014)
4. GFCI PROTECTED CIRCUITS: ALL GARAGE, KITCHEN, BATH, LAUNDRY & EXTERIOR RECEPS.*
5. PROVIDE GFCI RECEPTACLE @A/C FOR SERVICE TECHNICIAN
6. PROVIDE GFCI RECEPTACLE & DISCONNECT SWITCH @A/C CONDENSER

Plans Designed and Engineered In Accordance With The 2017/6th Ed. FBC
140MPH Basic Wind Speed
INTERPOLATED FROM FBC WIND ZONE MAP
Spencer N. Robinson, P.E.
FL 81250

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DRAWN BY	FWF
CHECKED BY	
DATE	11/7/2018
SCALE	AS NOTED
SHEET	5
OF	5 SHEETS
JOB No.	6618-013

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Electrical/Lighting Plan

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REVISIONS	BY

NOTE: This plan set has been approved for use as site specific. Construction of more than one home or variance from plan specifications is prohibited without express written consent of the engineer of record. DYNAGRAPHICS holds design rights to certain details and sections shown, unauthorized use is prohibited.

NOTE: **ROOM SIZES ARE APPROXIMATE** Dimensions are from inside masonry and framing, rounded up to the nearest inch (Masonry walls = 8", Frame walls = 4" widths). Furring, drywall, insulation and baseboards are not included in dimensions. Actual room sizes vary per builder specification.

NOTE: Client or Builder is responsible for approval of plans. Approval for Dynagraphics to complete engineering denotes acceptance of plans as drawn.