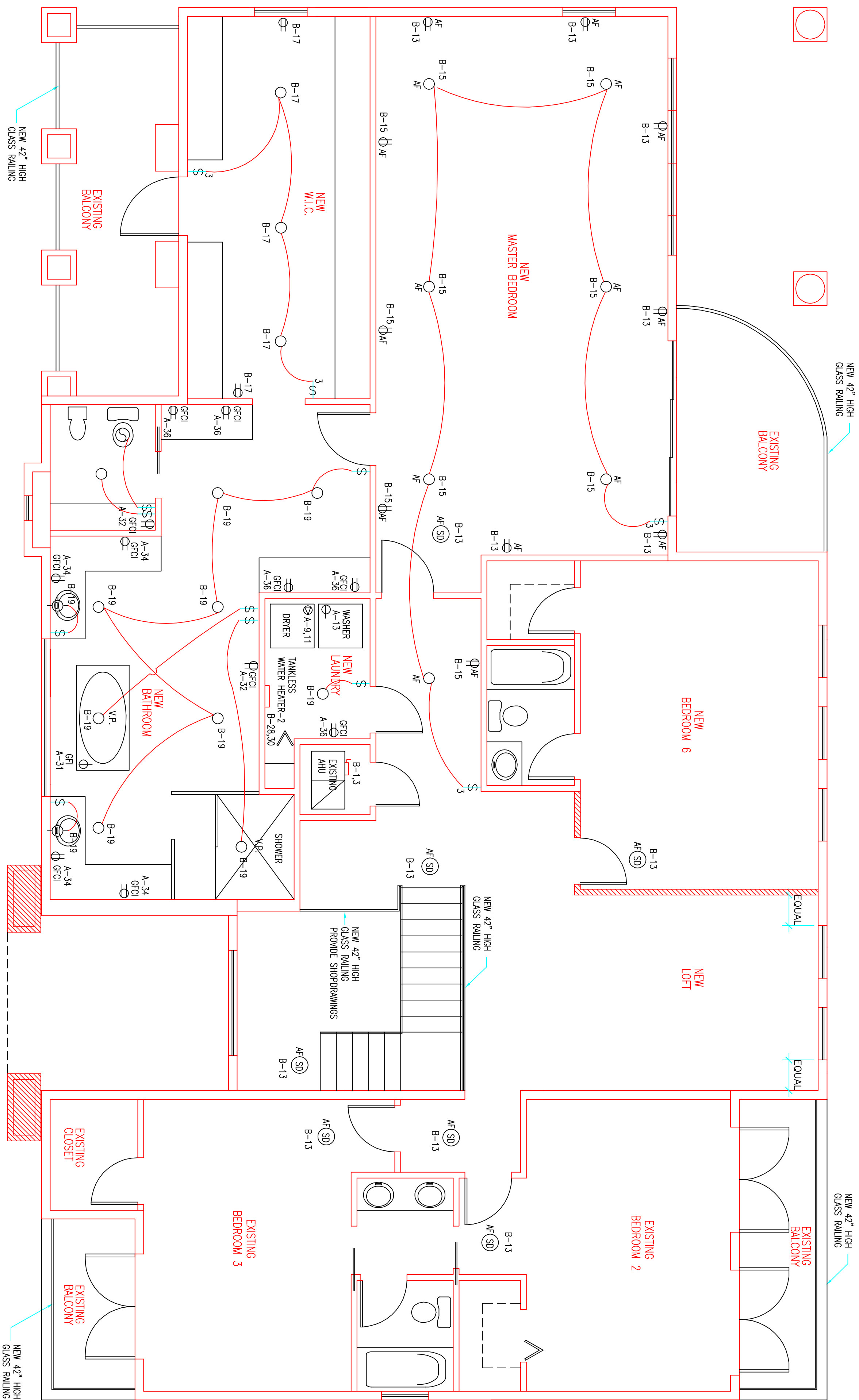


GENERAL ELECTRICAL NOTES

- DO NOT SCALE ELECTRICAL DRAWINGS.
- COORDINATE ALL LIGHT SWITCHES AND TELEPHONE JACK LOCATIONS AND QUANTITIES WITH THE ARCHITECT'S DRAWINGS.
- PROVIDE NUMBER RESISTANT RECEPTACLES FOR ALL 15 AND 20 AMP RECEPTACLES.
- OUTLET BOXES SHALL BE PRESSED STEEL OR PLASTIC IN PER LOCATIONS, LISTED ALONG WITH THROUGH HUBS IN WET OR DAMP LOCATIONS AND SPECIAL ENCLOSURES FOR OTHER CLASSIFIED AREAS.
- DISCONNECT SWITCHES SHALL BE H.P. RATED, HEAVY DUTY, QUICK-MAKE, QUICK-BREAK ENCLOSURES AS REQUIRED BY EXPOSURE.
- ALL TELEPHONE LINE LOCATION AND QUANTITIES SHALL BE VERIFIED WITH THE OWNER. IT IS NOT THE INTENT OF THESE PLANS TO SHOW EVERY MAJOR DETAIL OF THE ELECTRICAL SYSTEM. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FOR A COMPLETE ELECTRICAL SYSTEM AND PROVIDE ALL REQUIREMENTS NECESSARY FOR EQUIPMENT TO BE PLACED IN PROPER WORKING ORDER.
- ELECTRICAL SYSTEM SHALL BE COMPLETE AND EFFECTIVELY GROUNDED AS REQUIRED BY THE LATEST EDITION OF THE N.E.C.
- ALL WIRING SHALL BE NEW AND BEAR UNDERWRITERS' LABELS WHERE APPLICABLE.
- ALL WORK SHALL BE PERFORMED BY LICENSED ELECTRICAL CONTRACTORS IN A PROPER CLASS WORKMANSHIP MANNER. THE COMPLETED SYSTEM SHALL BE FULLY OPERATIVE AND SHALL BE TESTED AND ACCEPTED BY THE ARCHITECT.
- ALL WORK SHALL BE COORDINATED WITH OTHER TRADES TO AVOID INTERFERENCE WITH THE PROCESS OF CONSTRUCTION.
- CONTRACTOR SHALL GUARANTEE ALL MATERIALS AND WORKMANSHIP FREE FROM DEFECTS FROM A PERIOD OF NOT LESS THAN ONE YEAR FROM DATE OF ACCEPTANCE OF ANY DEFECTS SHALL BE COMPLETED WITHOUT ADDITIONAL CHARGE AND SHALL INCLUDE REPLACEMENT OR REPAIR OF ANY OTHER PHASE OF THE INSTALLATION WHICH MAY HAVE BEEN DAMAGED THEREBY.
- ALL REQUIRED INSURANCE SHALL BE PROVIDED FOR PROTECTION AGAINST PUBLIC LIABILITY OF PROPERTY DAMAGE FOR THE DURATION OF THE WORK.
- CONTRACTOR SHALL PAY FOR ALL PERMITS, FEES, INSPECTIONS, AND TESTING.
- THE ELECTRICAL INSTALLATION SHALL MEET ALL STANDARD REQUIREMENTS OF POWER AND TELEPHONE COMPANIES.
- PROVIDE GROUNDS FOR ALL CIRCUITS.
- ALL RACEWAYS UNDERGROUND SHALL BE A MINIMUM OF 3/4" CONDUIT.
- ALL CIRCUIT BREAKERS, TWO AND THREE POLE, TO BE COMMON TRIP, NO THE TRIPLES, OR TRIPLES MAY BE SEPARATE TRIP.
- PANELBOARDS SHALL BE PROVIDED WITH COPPER BUS AND GROUNDING BARS.
- THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER OF ANY DISCREPANCIES OR OMISSIONS OF THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY CHANGES DUE TO OMISSIONS OF THE CONTRACT DOCUMENTS.
- ELECTRICAL CONTRACTOR TO VERIFY ALL EQUIPMENT ELECTRICAL REQUIREMENTS WITH MANUFACTURER INCLUDING CONNECTIONS, WIRE SIZES AND VOLTAGES REQUIREMENTS. NOTIFY THE ARCHITECT WITH ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
- ELECTRICAL CONTRACTOR TO FIELD VERIFY ALL EXISTING ELECTRICAL SERVICE AND CONDITIONS, TO INCLUDE EXISTING POWER PHASE, VOLTAGE AND CAPACITY AND NOTIFY THE ARCHITECT IN CASE OF DISCREPANCIES PRIOR TO CONSTRUCTION.
- ALL SMOKE DETECTORS MUST BE COMBINATION SMOKE / CARBON MONOXIDE DETECTORS. ALL SMOKE DETECTORS MUST BE (100%) HARD WIRE, INTERCONNECTED WITH A BATTERY BACKUP AND AT LEAST 4 INCHES AWAY FROM THE NEAREST SIGNAL TO THE EDGE OF THE DETECTOR. DETECTORS CAN BE NO MORE THAN 3 FEET TO A FAN AND OR AIR CONDITIONING DUCT AND OUTLET. IF DETECTORS ARE NOT MOUNTED ON A SIGNAL, THEY MUST BE MOUNTED ON A WALL OR CEILING. ALL DETECTORS SHALL BE LISTED OR LABELED BY A MANUALLY RECOGNIZED TESTING LABORATORY. (AS PER NFPA 72, 11.8.2.2 SMOKE ALARMS AND SMOKE DETECTORS SHALL NOT BE INTERCONNECTED IN A MANNER THAT EXCEEDS THE MANUFACTURER'S RECOMMENDATIONS, IN NO CASE SHALL MORE THAN 18 INITIATING DEVICES BE INTERCONNECTED, OF WHICH 12 CAN BE SMOKE ALARMS, WHERE THE INTERCONNECTING MEANS IS NOT SUPERSEDED)
- A.H.U. TO HAVE FACTORY DISCONNECTS
- ALL CEILING FANS TO BE ON PNEUMATIC COORDINATE ANY OTHER REQUEST LOCATIONS WITH THE OWNER.
- ALL EXTERIOR LIGHTS TO BE WHITE LIGHT AND CARE SHALL NOT SPILL OVER TO ADJACENT PROPERTIES.
- COORDINATE ALL TELEPHONE, ALARM SYSTEM, INTERCOM, CEILING FANS AND LIGHT SWITCHES LOCATIONS AND QUANTITIES WITH THE OWNER.
- CLOTHES DRESSER TRANSITION DUCT TO THE APPLIANCE TO BE A MINIMUM OF 4" ROUND AND 26 CM METAL. THE OTHER DUCTS SHALL HAVE A SMOOTH INTERIOR SURFACE, AND NOT MESH. THE MINIMUM ALLOWABLE LENGTH IS 75% OF THE APPLIANCE.
- CLOTHES DRESSER TRANSITION DUCTS TO BE CONNECTED TO THE APPLIANCE TO THE ELECTRICAL APPLIANCE OR 6 FEET FOR GAS APPLIANCES AND SHALL BE LISTED OR LABELED FOR THE APPLICATION.
- EXHAUST DUCTS FOR DOMESTIC CLOTHES DRESSERS SHALL BE A MIN OF 4" ROUND AND 26 CM METAL. THE OTHER DUCTS SHALL HAVE A SMOOTH INTERIOR SURFACE, AND NOT MESH. THE MINIMUM ALLOWABLE LENGTH IS 75% OF THE APPLIANCE.
- AS PER F.P.C. 2007 ALL VUL. FRAME PARTITION SECTIONS ARE TO BE DRUMMED WITH #6 CL. GROUND WIRE IN 3/4" CONO. CONNECTED TO A VUL. ELECTRICAL OUTLET BOX.
- GENERAL CONTRACTOR AND THE ELECTRICAL SUB CONTRACTOR SHALL COORDINATE AND RELOCATE THE ACTUAL LOCATION OF THE ELECTRICAL METER WITH #11 IN TRANSFORMERS AND THE ELECTRICAL METER LOCATION ON THE DRAWINGS SHALL BE RELOCATED ACCORDINGLY. NOTIFY THE ARCHITECT IN CASE OF ANY DISCREPANCIES OR OMISSIONS PRIOR TO NEW CONSTRUCTION.
- GENERAL CONTRACTOR SHALL PROVIDE ALL SMOKE ALARMS AT A DISTANCE GREATER THAN 3 FT FROM ANY CEILING FIXTURES.
- ALL CLOSET LINES TO HAVE ENCLOSED LAMPS.
- AS PER N.E.C. 408.4 ALL GROUNDS AND CIRCUIT MODIFICATIONS SHALL BE LEGIBLY IDENTIFIED AS TO PURPOSE OR USE ON THE CIRCUIT DIRECTORY LOCATED ON THE EACH SWITCH ON THE SWITCHBOARD.
- A.E.P. CONDUITARY TUBE REPAIRS ARE REQUIRED FOR ALL REPAIRS, FAN/ROCKS, CHIMNEY ROOMS, LINING ROOMS, FAN/ROCKS, REPAIRS, TESTS, SIMULATIONS, RECEPTION ROOMS, CLOSETS, HALLWAYS, OR SMALL ROOMS CIRCUITS, INCLUDING ALL RECEPTACLES, LIGHTS, FANS, AND SMOKE DETECTORS, THROUGH COMBINATION THE DRAWINGS AS PER N.E.C. 310.129 2008 EDITION.

NOTE:

THE ELECTRICAL CONTRACTOR IS TO VERIFY AND PROVIDE ALL ELECTRICAL REQUIREMENTS TO INCLUDE BUT NOT LIMITED TO ALL FUSE AND WIRE SIZES AS PER EACH MACHINE AND LIGHTS INDIVIDUAL WAVE PLATE REQUIREMENTS, WAVEPLATE INSTALLATION MANUAL AND SPECIFICATIONS. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FOR A COMPLETE ELECTRICAL SYSTEM AND PROVIDE ALL REQUIREMENTS NECESSARY FOR EQUIPMENT TO BE PLACED IN PROPER WORKING ORDER. NOTIFY THE ARCHITECT IN CASE OF ANY DISCREPANCIES BETWEEN THE PLANS AND EACH MACHINE REQUIREMENTS PRIOR TO ANY CONSTRUCTION. THE CONTRACTOR IS TO COORDINATE AND RECEIVE ALL EQUIPMENT STRESS FROM THE OWNER.



NEW SECOND FLOOR ELECTRICAL PLAN

- SCALE: 1/4"=1'-0"
- ALL DIMENSIONS ARE TO BE FIELD VERIFIED
- EXISTING WALLS AND PARTITIONS TO REMAIN
- NEW PARTITIONS
- ALL NEW DOORS TO BE 8 FT HIGH

(30) ALL SMOKE DETECTORS MUST BE COMBINATION SMOKE / CARBON MONOXIDE DETECTORS. ALL SMOKE DETECTORS MUST BE (100%) HARD WIRE, INTERCONNECTED WITH A BATTERY BACKUP AND AT LEAST 4 INCHES AWAY FROM THE NEAREST SIGNAL TO THE EDGE OF THE DETECTOR. DETECTORS CAN BE NO MORE THAN 3 FEET TO A FAN AND OR AIR CONDITIONING DUCT AND OUTLET. IF DETECTORS ARE NOT MOUNTED ON A SIGNAL, THEY MUST BE MOUNTED ON A WALL OR CEILING. ALL DETECTORS SHALL BE LISTED OR LABELED BY A MANUALLY RECOGNIZED TESTING LABORATORY. (AS PER NFPA 72, 11.8.2.2 SMOKE ALARMS AND SMOKE DETECTORS SHALL NOT BE INTERCONNECTED IN A MANNER THAT EXCEEDS THE MANUFACTURER'S RECOMMENDATIONS, IN NO CASE SHALL MORE THAN 18 INITIATING DEVICES BE INTERCONNECTED, OF WHICH 12 CAN BE SMOKE ALARMS, WHERE THE INTERCONNECTING MEANS IS NOT SUPERSEDED)

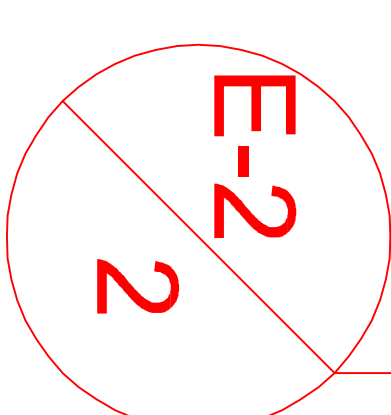
NO.	DATE	REVISION

ALL DESIGN, DRAWINGS, REPORTS, SPECIFICATIONS, COMPUTER FILES, FIELD DATA, NOTES AND ANY OTHER DOCUMENTS PREPARED BY THE ARCHITECT AS A RESULT OF THIS PROJECT SHALL REMAIN THE PROPERTY OF THE ARCHITECT AND IS NOT TO BE REPRODUCED, COPIED OR ALTERED IN WHOLE OR IN PART. IT IS ONLY TO BE USED FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREIN AND IS NOT TO BE USED ON ANY OTHER PROJECT. THE ARCHITECT SHALL RETAIN ALL COMMON LAW COPYRIGHT AND OTHER RESERVED RIGHTS THEREIN. WRITTEN DIMENSIONS SHALL HAVE PRECEDENCE OVER SCALE.

INTERIOR RENOVATION
FOR
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FT. LAUDERDALE, FLORIDA

Miguel de Diego
ARCHITECT P.A.
AA-26001641
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CHECKED
DRAWN
DATE 5-4-2017
CONAL NO. 16-188



CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS, NOTES AND CONDITIONS PRIOR TO PROCEEDING WITH ANY WORK