### S A. ELECTRICAL "AS-BUILT" DRAWINGS ELECTRICAL CONT'R SHALL PREPARE "AS-BUILT" SHOP DWGS INDICATING ALL ELECTRICAL WORK, INCLUDING ANY CHANGES TO THE ELEC. PLAN, ADD'NS TO THE ELEC. PLAN, RISER DIAGRAM, AS-BUILT PANEL SCHEDULE W/ ALL CKTS IDENTIFIED W/ CKT Nr., DESCRIPTION & BRKR, SERVICE ENT. \$ ALL UNDERGROUND WIRE LOCATIONS/ROUTING/DEPTH. RISER DIA. SHALL INCLUDE WIRE SIZES/TYPE & EQUIPMENT TYPE W/ RATINGS & LOADS. CONTRACTOR SHALL PROVIDE I COPY OF AS-BUILT DWGS TO OWNER & I COPY TO THE PERMIT ISSUING AUTHORITY. H.V.A.C. "AS-BUILT" H.V.A.C. CONTRACT DRAWINGS INDICA: DUCTWORK LOC., 6 REPORT - CONT'R TO OWNER # 1 COF PLUMBING "AS-BUILT" DRAWINGS PLUMBING CONTRACTOR SHALL PREPARE "AS-BUILT" SHOFDRAWINGS INDICATING ALL PLUMBING WORK, INCLUDING ALL PLUMBING LINE LOCATIONS AND RISER DIAGRAM - CONTIRSHALL PROVIDE I COPY OF AS-BUILT DWGS TO OWNER AND LOOPY TO THE PERMIT ISSUING AUTHORITY. CEILINGS OVER ATTACHED GARAGES OR GARAGES W/ LIVING AREA ABOVE SHALL BE 5/8" FIRECODE "C" GWB ON IX3 WOOD FURRING AT 16" O.C., ATTACHED W/ 1 1/4" BUGLEHEAD SCREWS © 6" O.C. ALONG EACH POINT OF BEARING. ALL WORK SHALL BE IN ACCORDANCE W/ APPLICABLE CODES AND LOCAL REGULATIONS, INCLUDING APPLICABLE ENERGY CODES, ALL COMPONENTS OF THE BUILDING SHALL MEET WITH THE MINIMUM ENERGY REQUIREMENTS OF THE BUILDING CODE. ANY DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT IN WRITING PRIOR TO THE COMMENCEMENT OF THE WORK. THE OWNER SHALL FILE A "NOTICE OF COMMENCEMENT" PRIOR TO THE BEGINNING THE THE PROJECT AND THE CONTRACTOR(S). SHALL FILE "NOTICE TO OWNER" AND PROVIDE "RELEASE OF LIEN" FOR ALL PAYMENT REQUESTS PRIOR TO DISBURSEMENT OF ANY FUNDS. NTERIOR BEARING WALLS SHALL BE CONSTRUCTED IN COMPLIANCE WITH "UL Design U333", BATT INSULATION SHALL BE INCLUDED WHERE UNCONDITIONED AREA IS BEING SEPARATED FROM HEATED / COOLED AREA. INTERIOR STUD WALLS SEPARATING LIVING AREA FROM GAR-AGE AREAS SHALL BE CONSTRUCTED IN COMPLIANCE WITH "UL Design U333", INCLUDING R-11 BATT INSULATION. ALL INSULATION SHALL BE LEFT EXPOSED AND ALL LABLES LEFT INTACT ON THE WINDOWS AND DOORS UNTIL INSPECTED BY THE BUILDING OFFICIAL. THE CONTRACTOR SHALL PAY FOR ALL PERMITS, LICENSES, TESTS AND THE LIKE THAT MAY BE REQUIRED BY THE VAR-OUS AUTHORITIES HAVING JURISDICTION OVER THIS PROJECT SE THEY CITY, COUNTY, STATE OR FEDERAL. IT THE OWNER'S OPTION, A WARRANTY INSPECTION SHALL BE MERFORMED DURING THE ELEVENTH MONTH FOLLOWING THE COMMENCEMENT OF THE WARRANTY PERIOD, FOR THE PURE-YOSE OF DETERMINING ANY WARRANTY WORK THAT MAY BE MEQUIRED. THE CONTRACTOR SHALL BE PRESENT DURING THIS ASPECTION IF REQUESTED BY THE OWNER. E PRESSURE TREATED. $\bigcap$ SHION CTOR SHALL INDEMNIFY THE OWNER AGAINST ALL HER FROM PERSONAL INJURY OR PROPERTY ISING FROM EVENTS ASSOCIATED WITH THE WORK UNDER THE CONTRACT FOR THIS PROJECT. **DNMAND** SPUTES ARISING FROM EVENTS ASSOCIATED JCTION OF THIS PROJECT BETWEEN THE TOR(S) AND SUPPLIERS SHALL BE RESOLVED ; ARBITRATION. CONCRETE 70 |||| QUIREMENTS: OR MASON ORS SHALL WAREAR FOLLOWING THE ANCE BY THE OWNER. ONENTS AND WORKOTHER COST TO THE PERIOD. UILT" SHOP LUDING ALL S BALANCIS AS-BLT. DU UTHORITY. GENERAL H.Y.A.O. NOTES: Ų $\omega$ $\overline{O}$ PRODUCTS SHALL INCLUDE THE FOLLOWING: SOFTWOOD - SOLID STOCK PINE, C OR BETTER HARDWOOD - SPECIES AS SELECTED BY OWNER PLYWOOD, OPAQUE FINISH - FIR, GRADE A/B PLYWOOD, TRANSPARENT FINISH - SPECIES AS SELE PARTICLE BOARD - HIGH DENSITY, W/ RESIN BINDER LAM. PLASTIC - MFG, COLORS, PATTERNS & TEXTURE: BY OWNER LAMINATING ADHESIVES - POLYVINYL ACETATE, URE FORMALDEHYDE, CASEIN FABRICATE WORK IN ACCORDANCE WITH MEASURENTHE JOB SITE. MILLWORK SUB-CONTRACTOR SHALL SUBMIT FOR APPROVAL BY THE OWNER, THE FOLLOWING ITEMS, PRIOR TO FABRICATING ANY MAT'LS OR MILLWORK: COMPLETE SET OF SHOP DRAWINGS, SAMPLES OF WD. SPECIES RECEIVING TRANSPARENT FINISH, MFR'S LITERATURE FOR ALL SPECIALTY ITEMS NOT MFD. BY THE ARCHITECTURAL WOODWORK FIRM AND HARDWARE SCHEDULE, SHOWING HARDWARE USED AT EA. LOCATION & CONFORMANCE W/ THE DESIGN INTENT OF THE DRAWINGS OR DIRECTIVES ISSUED BY THE OWNER. SCOPE OF WORK INCLUDES, BUT IS NOT LIMITED TO . FABRICATION AND DELIVERY OF MILLWORK, SHOWN TO THE JOB SITE, INSTALLATION OF CABINET HINGES DRAWER & TRAY GUIDES, ADJUSTABLE SHELF STAND BOLTS. ALL DUCT SIZES INDICATED IN THE PLANS (IF INSIDE DIMENSIONS. ALL AIR DEVICES SHALL BE OF ALUMINUM CONSTRUCT AND CEILING APPLICATIONS AND STEEL CONSTRUCT APPLICATIONS, ACCEPTABLE MANUFACTURER'S SHA METALAIRE, NAILORHART, HART & COOLIE OR AS DII OWNER. IT IS THE HYAC SUB-CONTRACTOR'S RESPONSIBILIT NFPA-90A AND ALL APPLICABLE CODES. DAMAGED SURFACES SHALL ADJACENT PORTION OF THE MILLWORK SUB-CONTRACTOR PROVIDING CASEWORD THE LIKE FOR THIS PROJECT SHALL BE SUBJECT TO OF NOTES I THRU 6 OF THE GENERAL NOTES, THIS SH IT IS THE RESPONSIBILITY OF THE HYAC SUB-CONTRACTOR TO CO-ORDINATE LOCATION OF CEILING DIFFUSERS, GRILLES AND REGISTERS IN THE FIELD WITH THE ELECTRICIAN, LIGHTS AND ARCHITECTURAL ELEMENTS. HYAC SUB-CONTRACTOR SHALL PROVIDE & INSTAL Offsets, transitions & Bends Required to Prov System at no additional cost to the owner. FILTERS SHALL BE DISPOSABLE TYPE AND HAVE NITIA WEIGHT ARRESTANCE OF 10% AND A CLEAN PRESSURE PROVIDE 2 SETS, ONE DURING CONSTRUCTION AND ONE FINAL ACCEPTANCE. ALL WORK IN THIS TRADE SHALL TRADES SO AS TO AVOID CONFLOFTHE JOB. HYAC SUB-CONTRACTOR SHALL SUPPLY ALL CONTRACTORS, RELAYS, AND THERMOSTATS. THE ELECTRICAL SUB-CONTRACTOR SHALL PRO-YIDE ALL SWITCHES, DISCONNECTS & CONTROL WIRING. THERMOSTATS SHALL BE APPROVED BY THE EQUIPMENT MEGIR. ALL EXHAUST AND OUTSIDE AIR DUCT SHALL BE GAMETAL CONSTRUCTED AND INSTALLED IN ACCORDA AND SMACNA STANDARDS. ASSEMBLE WORK AT MILL INSOFAR AS POSSIBLE. ALL APPLICABLE STANDARDS OF "AWI QUALITY STASPECIFICATIONS" APPLY TO THIS PROJECT, UNLESS IF REQUIRED BY THE OWNER, THE HYAC SUB-CONTR. SUPPLY A TEST AND BALANCE REPORT IN ACCORD BALANCE COUNCIL STANDARDS, SIGN AND SEALED ENGINEER. HYAC SUB-CONTRACTOR SHALL FURNISH SHOP DWG CONDENSING UNIT & AIR HANDLER, EXHAUST FANS AI HYAC SYSTEM SHALL BE AS DETAILED IN THE PLANS (IF INCLUDED), OR SHALL BE AS DIRECTED BY THE OWNER IN CONSULTATION WITH THE HYAC SUB-CONTRACTOR. SUB-CONTRACTORS PROVIDING HYAC INSTALLATION NSTALL HARDWARE IN ACCORDANCE WITH PROTECT MILLWORK FROM MOISTURE & DAM THE JOB SITE. UNLOAD AND STORE IN A PLAPROTECTED FROM MOISTURE AND DAMAGE INSTALLATION. CONDENSATE DRAIN PIPING ARMAFLEX INSULATION. ALL EQUIPMENT SHALL BE FULLY WARRANTED FOR COMPRESSOR(S) SHALL BE WARRANTED 5 YEARS ACCEPTANCE, BY THE OWNER. YMI "CUSTOM" GRADE EXCEPT AS OTHERWISE NOTED 3Y THE OWNER, SHALL BE THE BASE STANDARD OF OR THIS WORK. LEXIBLE DUCT SHALL BE FULLY ANNEALED, CORRUGATED A IUM W/13/4 LB. DENSITY FIBERGLASS INSULATION AND SHAL ISTED. SHEET METAL DUCT SHALL BE LINED W/1" MATFACED INER & WRAPPED W/13/4 LB. FOILFACED FIBERGLASS INSUL, LL FIBERGLASS DUCT SHALL BE FOILFACED, R4.2/R6.0 DUC: SUB-CONTRACTOR SHALL PROVIDE ALL LAB AND EQUIPMENT TO INSTALL A COMPLETE # # DELIVER TO WORK. $\mathcal{C}$ DE COORDINATED Ш JOB SITE MANUFR'S DIRECTIONS. ACE C TO MATCH UNDAMAGED D T E D -MAES AS SELECTER ADEM SELECTED BY OWNER WITH 1/2" THICK READY TO INSTALL JDED) ARE NET ERE IT WILL BE NA MILLWORK OR OTHE PROVISIONS RACTOR SHALL DANCE WITH AIR BY A REGISTERED VIDE A COMPLETE ANDARDS & GUIDE Noted otherwise NITIAL SHARE INE DROP OF 0.15. ONE FOR USE AT MITH ALL OTHER OR, MATERIALS, ENTS TAKEN AT S FOR DUCTWORK, ROM DATE OF FINAL CTION FOR WALL NOE WITH ASHREY THE FOLLOWING: IN THE DRAWINGS, , CATCHES, ARDS & SURFACE ON DIRECTED LECTRICAL NOTE 10 CO ALL BE U.L. ED DUCT ED DUCT CTBOARD. Ш ES, SURFACE

# SUB-CONTRACTORS PROVIDING PLUMBING MATERIALS AND INSTALL-ATION SHALL BE SUBJECT TO THE PROVISIONS OF NOTES I THRU 6.

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GENERAL

PLUMBING NOTES:

ALL WORKMANSHIP AND MATERIALS SHALL BE IN STRICT ACCORD WITH APPLICABLE LOCAL CODES, RULES AND ORDINANCES.

ALL MATERIALS SHA

ALL WORK SHALL BE PREFORMED BY A LICENSED PLUMBING CONTRACTOR IN A FIRST CLASS WORKMANLIKE MANNER, THE COMPLETE: SYSTEM SHALL BE FULLY OPERATIONAL.

ALL EXCAVATION & BACKFILL AS REQUIRED FOR THIS PHASE OF THE CONSTRUCTION SHALL BE PART OF THE PLUMBING SUB-CONTRACTOR' RESPONSIBILITIES.

- REINFORCING STEEL SHALI MENTS OF ASTM A615, ALL BENDS SHALL BE MADE COLD. H H
- HALLO HA
- CONCRETE BLOCK SHALL BE AS PER MAN GUIDE FOR ASTM C-90 REQUIREMENTS WITH F'm = 1500 PSI.
- STRUCTURAL STEEL SHALL CONFORM TO AS: STRENGTH, BOLTS SHALL BE ASTM A307 / G PLAN REQUIREMENTS. STAND,

AIR CONDITIONING CONDENSATE DRAIN PIPING SHALL BE THREADED STEEL PIPE, COPPER DRAIN, WASTE OR VENT PIPE AND FITTINGS, OR P.V.C., SEE NOTE 12, BELOW. INSULATE ALL CONDENSATE PIPING EXCEPT WHERE UNDERGROUND, AND ELECTRIC HEAT WRAP WHERE EXPOSED TO FREEZING CONDITIONS.

P.Y.C. SCHEDULE 40 PIPE AND FITTINGS MAY BE USED FOR SOIL, WASTE VENT, RAINWATER OR CONDENSATE PIPING AS APPROPRIATE, WHERE APPROVED BY LOCAL BUILDING CODES & OFFICIALS, P.Y.C. MAY NOT BE USED TO PENETRATE CHASES OR FIRE RATED WALLS / CEILINGS.

- D00M TEMPORARY BRACING OF THE STRUCTURE FOR SAFE AND STABLE CONSTRUCTION, SHE SIBILITY OF THE CONTRACTOR SO ENGAGE BRACING OF ROOF TRUSSES SHALL BE AS LINES OF THE "TRUSS PLATE INSTITUTE".
- ISOLATE COPPER PIPING FROM HANGERS OR SUPPORTS W/ HAIR FELTINSULATOR PADS. DIELECTRIC COUPLINGS ARE REQUIRED BETWEEN ALL DISSIMIL METALS IN PIPING AND EQUIPMENT CONNECTIONS. FURNISH AND APPROVED SHOCK ARRESTERS ON MAIN LINE OR RISERS ALL FIXTURES MUST BE PROVIDED WITH READILY ACCESSIBLE STOPS AND WHERE PROVIDED, MARKED ACCESS PANELS. ALL TRUSSES SHALL BE DESIGNED BY A LICENSED PROENCEINEER & SHALL BE SIGNED AND SEALED BY SAME, SHALL INCLUDE PLACEMENT PLANS, TRUSS DETAILS, TRUCONNECTIONS & THE STANDARD SPECIFICATIONS & RECOPTING TALLATION OF THE "TRUSS PLATE INSTITUTE".
- PROVIDE 1/2" TRAP PRIMER LINE FOR ALL FLOOR DRAINS FROM NEAR EST PLUMBING FIXTURE, DO NOT MANIFOLD. PROVIDE ACCESS PANELS FOR ALL CONCEALED VALVES.
- PROVIDE COMBINATION COVERPLATE / CLEANOUT PLUG FOR CLEANOUTS, FINISH AS DIRECTED BY THE OWNER. Ш
- FIXTURES, HARDWARE, EQUIPMENT, COLORS AND FINISHES SHALL SELECTED BY THE OWNER.

SUB-CONTRACTORS PROVIDING WATER WELLS AND/OR SEP AND DRAINFIELDS SHALL BE SUBJECT TO THE PROVISIONS THRU 6, THIS SHEET SEPTIC NOTE

OTIC TANKS

- LOCATION OF POTABLE WATER WELLS SHALL BE DETERMINED BY THE OWNER IN CONSULTATION WITH THE WELL DRILLING CONTRACTOR, WELLS SHALL NOT BE LOCATED CLOSER THAN 15'-0" TO ANY PROPOSED OR EXISTING SEPTIC TANK OR DRAINFIELD, EITHER ON SUBJECT PROPERTY OR ADJACENT/ADJOINING PROPERTY.
- POTABLE WATER WELLS SHALL BE A MINIMUM 4"+ WITH BLACK IRON CASING TO A DEPTH OF 80'-0". PUMPS SHALL BE OF THE SUBMERSIBLE "YPE, THREE WIRE SYSTEM, MINIMUM HORSEPOWER SHALL BE 1/2 H/P OR AS DIRECTED BY THE OWNER, MOTOR STARTER SHALL BE ENCLOSED N A WEATHERPROOF HOUSING, MOUNTED ON A P/T 4X4 POST AT THE WELL HEAD.
- ALL REQUIRED COMPONENTS FOR A COMPLETE OPERATING SYSTEM SHALL BE PROVIDED, INCLUDING ANTI-FREEZE BLEEDER FITTING, CHECKVALVE, AIR BLEEDERS, SHUTOFF VALVE, HOSE BIBB, PRESSURE REGULATOR/CONTACTOR, UNIONS AND PRESSURE GAUGE. TILAD OT ABOYE GRAD
- PRESSURE TANK SHALL BE GALVANIZED 82 GALLON CAPACITY, UNLESS DIRECTED OTHERWISE BY THE OWNER. SEPTIC TANK LOCATION & DRAINFIELD INVERT SHALL BE DETERMINED BY THE LOCAL HEALTH DEPARTMENT, IN CONSULTATION W/THE OWNER
- SEPTIC DRAINFIELDS SHALL BE CONSTRUCTED TO THE STANDARDS OF THE LOCAL HEALTH DEPARTMENT, DRAINFIELD PIPING SHALL BE CLAY TILE OR P.Y.C. OR POLY AS ALLOWED BY THE SEPTIC TANK PERMIT. DRAINFIELD BEDS SHALL BE 3/4" WASHED ROCK, INSTALLED THICKNESS SHALL BE AS PER SEPTIC TANK PERMIT. SEPTIC TANKS SHALL BE OF A SIZE & CONSTRUCTION AS DETERMINED By the local health department, tank mat'l shall be poured concrete or fiberglass as allowed by the septic tank permit
- SAND FILTER BEADS, MOUND SYSTEMS, DOSING TANKS, GREASE TRAPS, DISTRIBUTION BOXES, GRINDER PUMPS, SUMP PUMPS AND OTHER SUCH RELATED ITEMS (IF REQUIRED OR REQUESTED) SHALL BE AS PER THE DESIGN STANDARDS OF THE LOCAL HEALTH DEPARTMENT.

## HAMINAL NOTES:

- CLEAN SAND FILL OVER STRIPPED AND COSHALL BE PLACED IN 12" LIFTS, BOTH SUBTION SHALL BE NOT LESS THAN 95% AS ME PROCTOR TEST AT THE RATE OF ONE TEST BUILDING PAD AREA, OR FRACTION THERE.
- MELDED WIRE MESH SLAB REINFORCING SH MENTS OF ASTM AIBS MIN. MEILD STRESS
- CONCRETE SHALL BE STANDARD MIX F'C = 2500 PS SLABS, COLUMNS AND BEAMS OR SHALL BE STANDA 3000 PSI. STRENGTH SHALL BE ATTAINED WITHIN 28 I MENT. MIXING, PLACING AND FINISHING SHALL BE AS STANDARDS. TURER'S PRODUCT

DO NOT USE LEAD BASED SOLDER FOR JOINING SUF

OIL, WASTE, VENT & RAINWATER PIPING SHALL BE CAST IRON NO-HUB 301-72 ABOVE GRADE WITH NEOPRENE GASKETS AND STAINLESS STEEL 3ANDS & BELL & SPIGOT CAST IRON BELOW GRADE W/ LEAD & OAKUM OINTS OR AT THE OWNERS OPTION, P.Y.C., SCHEDULE 40, SEE NOTE 12.

ALL WORK SHALL BE COORDINATED WITH OTHER TRADES TO AVOID NITERFERENCE WITH THE PROGRESS OF THE CONSTRUCTION.

MBING FLAT PLANS AND RISER DIAGRAMS (FINCLUDED) ARE DIAGRATIC. DO NOT SCALE THE DRAWINGS FOR EXACT LOCATIONS OF PLUMBING FIXTURES.

WATER PIPING SHALL BE TYPE L COPPER UP TO 1", & TYPE K FOR ALL LARGER SIZES. ALL UNDERGROUND PIPING SHALL BE TYPE K COPPER. AT THE OWNERS OPTION SUPPLY PIPING MAY BE C.P.Y.C., SCHEDULE 40 OR SCHEDULE 80.

- A36 STANDARDS 1DE I OR A325, AS
- WELDS SHALL BE AS PER "AMERICAN WELFOR STRUCTURAL STEEL APPLICATIONS.

## STRUCTURAL

DURING ERECTION, REQUIRED LL BE THE SOLE RESPON-LTEMPORARY & PERMANENT

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- WOOD STUDS IN EXTERIOR WALLS & INTERIOR BE NOT LESS THAN Nr.2 HEM-FIR OR BETTE BALLS  $\bar{\alpha}$
- CONNECTORS FOR WOOD FRAMING SHALL BE GALVANIZED BLACK METAL AS MANUFACTURED OR AS CALLED FOR IN . AND BE OF A DESIGN SUITABLE FOR THE LOADS AND USE AND BE OF A DESIGN SUITABLE FOR THE LOADS AND USE DEFINED TO THE INFORMATION IN THE CONNECTOR SCHEDULE

### GENERAL CONCRETE NOTES:

 $\Box$ 

- ALL CONCRETE WORK SHALL CONFORM TO CONCRETE INSTITUTE STANDARD 318-11. ALL CONCRETE SHALL HAVE A 28 DAY COF 3,000 PSI.  $\vec{\pm}$ RESSIVE SE C STRENG
- ALL REINFORCING STEEL SHALL CONFORM GRADE 40, EXCEPT AS NOTED.  $\frac{Q}{4}$ ZTO∆ <u>0</u> 0 − 0
- ĺΩ ALL REINFORCING STEEL SHALL HAVE A MIN. COVER OF 1" FOR SLABS, 11/2" FOR OTHER CONCRETE NOT EXPOSED TO WEATHER OR EARTH, 2" FOR CONCRETE EXPOSED TO WEATHER OR EARTH, AND 3" FOR CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH. ICES SHALL BE
- ACI CLASS B SPLICES USING THE FOLLOW!
- PRIOR TO PLACING CONCRETE REFER TO ARCHITECTUR. PLUMBING, PIPING, INSTRUMENTATION AND ELECTRICAL DRAWINGS FOR EMBEDDED ITEMS. PRIOR TO PLACING CONCRETE, ALL REINF ORCING STEEL SHALL

SUB-CONTRAC INSTALLATION NOTES | THRU

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T SCALE THE ELECTRICAL DRAW!? RAL PLANS AND ELEVATIONS FOR TENT. CONFIRM WITH OWNER.

EXACT LOCATION OF

L ELECTRICAL WORK IN CONFORTION, AND IT'S AMENDMENTS AS

RMANCE WITH THE NEC ADOPTED BY THE CONSTRUCTION.

**D Z D** 

DING: GROUND ALL MAIN DISCONNECTS TO STANDARD) ROD(S) AND TO COLD WATER SUPPLY AS PER ARTINEC-LATEST EDITION.

- 31117 O
- PILL COMPAC-SY A MODIFIED 12500 SF OF ACH 12" LIFT.
- $\omega$ COLOR CODE MULTI-CIRCUIT WIRING AS FOLLOWS: NEUTRAL WHITE, GROUND - GREEN, LINE - ALL OTHER COLORS. ROYIDE CONTINUITY OF NEUTRAL ON MUY SPLICING AND BRINGING OUT A TAP, ALL ONLY COPPER WIRING ON THIS PROJECT: THW, TW, THAN OR NY CABLE, UNLESS NOTED OTHERWISE, ALL DUCTORS #10 & SMALLER MAY BE SOLID, ALL CONDUCTO! LARGER SHALL BE STRANDED TYPE.

MULTI-BRANCH CIRCUITS AP, ASSURING NO OPEN-F A DEVICE.

- ω NSTALL ONLY HIGH POWER FACTOR BAL IXTURES. A518
- NSTALL GEI BREAKERS OF ROOM, KITCHEN, GARAGE A NOTED ON THE DRAWINGS. EXTERIOR RECEPT ACLES AND A
- DEVICES THAT BEAR A "UL AB LABEL. ALL MATERIALS

- ISTALL ONLY THOSE ELECTRICAL IR OTHER RECOGNIZED TESTING L HALL BE NEW.
- NSTALL NON-FUSED DISCONNECT SWITH ELECTRICAL EQUIPMENT LOCATED WHIND VISIBLE FROM THE CIRCUIT BREAT SIZE IN ACCORD WITH THE LOAD. ALL SHALL BE H.P. RATED, HEAVY DUTY, QUENEAK TYPE ENCLOSURES SHALL BEREAK TYPE ENCL NECT GUITCHES AT,
  CATED WHERE SAID
  CHIT BREAKER THAT
  OAD, ALL DISCONNE
  OAD, ALL DISCONNE
  OAD, ALL DISCONNE S AT ALL PIECES OF SAID EQUIPMENT IS THAT PROTECTS IT: CONNECT SWITCHES N-MAKE - QUICK-S REQ'D FOR EXPOSU Ò
- AD RELAYS IN EACH H - BE MANU, AND OTHER BUILDING TO BUILDING 文章型 LATOUCHE LATE ALL S EXCEPT
- OT CHECK ALL SYSTEMS WITH THE OWNER'S REPRESENTATIVE RESENT TO VERIFY PROPER FUNCTION PRIOR TO C.O. RNIGH AND INSTALL ALL ELECTRICAL DEVICES AND ITEN IQUIRES FOR A COMPLETE, OPERATING SYSTEM, PROVID I FUNCTIONS AS DETAILED IN THE PLANS (AND SPECS). LET BOXES SHALL BE PRESSED STEEL OR PLASTIC OR Y LOCATIONS, FOR WET LOCATIONS, CAST ALLOY WITH READED HUB OUTLET BOXES SHALL BE INSTALLED.

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- Ū  $\overline{\omega}$ -ANS, SHALL BE WIRED PER NEC 100 DINATE ALL WORK THROUGH GC TO AVOID CONFLICTS, CO-ATE WITH HYAC CONTRACTOR AND ELECTRONICS SYSTEMS ACTORS SO THAT A COMPLETE, FUNCTIONING SYSTEM IS LED, IN EACH CASE, WITH NO EXTRA COST TO THE OWNER. ) IF INDICATED
- IS NOT THE INTENT OF THESE DRAWINGS NOR DETAIL OF THE CONSTRUCTION. SCHEDULES SHALL BE FULLY ITTEN, EA, CIRCUIT SHALL BE O HAT IS INCLUDED ON SAID CI FILLED OUT AND SI CLEARLY IDENTI-IRCUIT. Q $\bar{\alpha}$
- RIECTRICAL NOTALLATION SHALL MEET ALL STANDARD
- RACEWAYS BELOW ELECTRICAL CONTRA BE SUPPLIED BY THE 18 BE SUPPLIED BY THE 18 R MANUFACTURER'S R **GROUND**  $\bar{\alpha}$ Ш  $\triangleright$ D D D
- T BINEAKENS, NO TIE HA LE. ANDLES OR TANDEMS SHAL
- M
- L BE CURRENT LIMITED TYPE (C.L ON THE DRAWINGS, \_.) RATED 200,000
- TOR SHALL VERREY ALL COMINCATIONS & DETERMINE THE CONTROL SHALL BE REPORTED AND MATERIALS, ORDERING TRONENTS FOR
  CORRECTNESS
  D TO THE OWNER
  COMPONENTS

- RCUITS ON PANEL SCH DAD DATA AND SIZE, T SITS AND ROUTING OF O DNDITIONS, AND BALAY CHEDULE (AND PLANS) A
  II. THE CONTRACTOR SHAL
  II. TOUNDUITS AND WIRING T
  ANCE THE JOB, THROUGH
- ANEL BOARDS SHALL JIPMENT FOR PROPER VOLTAGE, I Π ΩΣ ΩΩ ARE TO DETERMINE
  ALL PROVIDE CIRTO SUIT JOB

THE PLANS ARE I

Digitally signed by: N. P. GEISLER DN: CN = N. P. GEISLER C = US

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CONDUIT RUNS EXCEED 200 FEET, PULL BOXES SH LLED SO THAT NO PULL EXCEEDS THIS DISTANCE.

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CUSTOM DESIGNED HOME FOR: Mr. Randy cRae M COLUMBIA COUNTY, FLORIDA Notes

General