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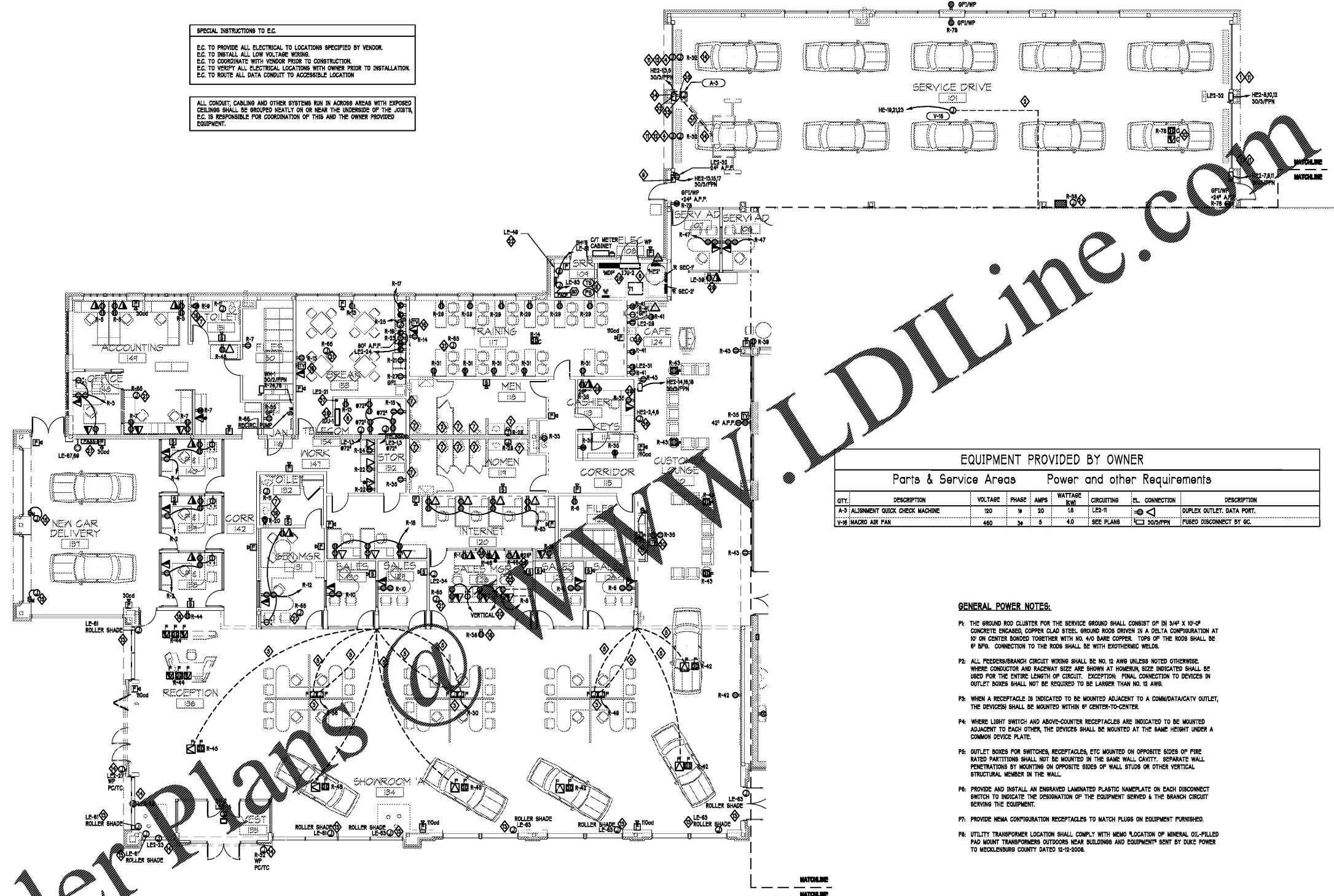
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NOTES:

- E.C. TO FURNISH AND INSTALL RYTEC DOOR MOTION SENSOR ON EXIT SIDE OF THIS DOOR.
- # CONDUIT TO BE RUN ALONG UNDERSIDE OF JOISTS BY E.C. ROUTED TO SERVICE MANAGERS OFFICE #102.
- CONTRACTOR SHALL PROVIDE CONDUIT BOXES, WIRING & COVER PLATES FOR CONNECTION TO SYSTEMS FURNITURE. OBTAIN FIRED CONNECTIONS FROM OWNER'S VENDOR FOR HARDWIRED CONNECTION TO BUILDING ELECTRICAL. COORDINATE EXACT LOCATION.
- E.C. TO FURNISH AND INSTALL SIGNAL TECH LED TRAFFIC CONTROLLER FIXTURE #1977.
- CONDUIT SHALL BE 1/2".
- INDOOR UNIT POWERED FROM OUTDOOR UNIT.
- E.C. SHALL USE CIRCUIT R-11, R-26 FOR TRANSFORMER FOR AUTOMATIC FAUCETS, SOAP DISPENSERS, URINAL AND TOILET FLUSH VALVES. COORDINATE EXACT LOCATIONS OF TRANSFORMERS WITH PLUMBING CONTRACTOR.
- COORDINATE THE EXACT NUMBER AND LOCATION OF FLOW AND TAMPER SWITCHES IN THE FIELD WITH THE SPRINKLER CONTRACTOR.
- GC TO INSTALL SIGNAL TECH TRIPLE GANG 555 SWITCH - PRODUCT #6649 MODEL T9 SINGLE POLE/DOUBLE THROW SWITCHES.
- CEILING MOUNTED POWER AND DATA OUTLET FOR TV. COORDINATE TV MOUNTING HEIGHT WITH ARCHITECT.
- E.C. TO FURNISH AND INSTALL RYTEC DOOR MOTION SENSOR ON BOTH SIDES OF THIS DOOR.
- E.C. TO FURNISH AND INSTALL RYTEC DOOR MOTION SENSOR ON ENTRANCE SIDE OF THIS DOOR.
- ALL MOTORIZED SHADE CONTROLS SHALL BE LOCATED IN THE SALES MANAGERS OFFICE.
- POWER FOR SIGN COORDINATE EXACT LOCATION WITH OWNER.
- PROVIDE 1/2" CONDUITS TO J-BOXES ABOVE CEILING. COORDINATE WITH DOOR MANUFACTURER.
- COORDINATE EXACT MOUNTING HEIGHT WITH ARCHITECT PRIOR TO ROUGH-IN.
- J-BOX PROVIDED FOR FIREPLACE, E.C. TO COORDINATE THE EXACT LOCATION AND MOUNTING HEIGHT PRIOR TO INSTALLATION.
- RECEPTACLES FOR WALL GRAPHIC. COORDINATE EXACT MOUNTING HEIGHT IN FIELD.
- COORDINATE LOCATION WITH RECESSED PAPER TOWEL DISPENSERS.
- STUB-UPS WITH RECEPTACLES REFER TO ARCHITECTURAL PLANS.
- LOW VOLTAGE TRANSFORMER FOR DIFFUSER POWER. REFER TO MECHANICAL AND ARCHITECTURAL PLANS.
- J-BOX FOR SPRINKLER AIR COMPRESSOR. REFER TO FPI SHEET. COORDINATE EXACT LOCATION IN FIELD WITH SPRINKLER CONTRACTOR.
- COORDINATE WITH CASEWORK, REFER TO ARCHITECTURAL ELEVATIONS.
- CO MONITORING SYSTEM CONTROL, E.C. TO COORDINATE SENSOR J-BOX AND LV CONDUIT REQUIREMENTS.
- USB OUTLET MOUNTED ABOVE COUNTER. COORDINATE EXACT MOUNTING HEIGHT WITH ARCHITECT PRIOR TO INSTALLATION.
- RECEPTACLE/DATA OUTLET SHALL BE MOUNTED HORIZONTALLY IN THE BACKSPLASH. COORDINATE EXACT LOCATION AND MOUNTING HEIGHT IN MILLWORK WITH E.C. PRIOR TO INSTALLATION.
- COORDINATE EXACT LOCATION WITH FIRE MARSHAL PRIOR TO INSTALLATION.
- INDOOR UNIT POWERED VIA OUTDOOR UNIT. PROVIDE WITH 30A/PPN FUSED DISCONNECT.
- E.C. TO COORDINATE EXACT LOCATION IN MILLWORK OR ABOVE COUNTER PRIOR TO INSTALLATION.
- PROVIDE TV RECEPTACLE ABOVE FIREPLACE. COORDINATE EXACT MOUNTING HEIGHT WITH OWNER PRIOR TO INSTALLATION.
- G.C. TO PROVIDE THE 3/4" CONDUIT UNDER SLAB TO DOUBLE GANG BOX IN CHL. COORDINATE LOCATION AND REQUIREMENT WITH EQUIPMENT VENDOR.
- G.C. TO PROVIDE 1/2" CONDUIT ROUTE TO WALL, RECESSED INSIDE WALL, AND TERMINATE AT QUICK CHECK CONSOLE AT 24" AFF. COORDINATE EXACT LOCATION AND REQUIREMENT WITH EQUIPMENT VENDOR.
- G.C. TO PROVIDE THE DOUBLE GANG BOX TO RECEIVE THE 1-1/2" AND 3/4" CONDUIT. COORDINATE EXACT LOCATION AND REQUIREMENT WITH EQUIPMENT VENDOR.
- G.C. TO PROVIDE THE 10V DUPLEX OUTLET IN WALL 24" AFF AND POWER IT FROM NEAREST CIRCUIT. COORDINATE EXACT LOCATION WITH EQUIPMENT VENDOR.
- G.C. AND OWNER VENDOR TO PROVIDE SINGLE GANG BOX AND DATA RESPECTIVELY. COORDINATE EXACT LOCATION AND REQUIREMENT WITH EQUIPMENT VENDOR.
- J-BOX PROVIDED FOR THE SHUTTER DOOR, E.C. TO COORDINATE THE EXACT LOCATION AND REQUIREMENT PRIOR TO INSTALLATION.
- E.C. TO PROVIDE # CONDUIT FOR THE FUTURE CONDENSATE PUMP, E.C. TO COORDINATE THE EXACT LOCATION AND ROUTE TO THE CIRCUIT LABELED.

SPECIAL INSTRUCTIONS TO E.C.
E.C. TO PROVIDE ALL ELECTRICAL TO LOCATIONS SPECIFIED BY VENDOR.
E.C. TO INSTALL ALL LOW VOLTAGE WIRING.
E.C. TO COORDINATE WITH VENDOR PRIOR TO CONSTRUCTION.
E.C. TO VERIFY ALL ELECTRICAL LOCATIONS WITH OWNER PRIOR TO INSTALLATION.
E.C. TO ROUTE ALL DATA CONDUIT TO ACCESSIBLE LOCATION.

ALL CONDUIT, CABLING AND OTHER SYSTEMS RUN IN ACROSS AREAS WITH EXPOSED CEILING SHALL BE GROUPED NEATLY ON OR NEAR THE UNDERSIDE OF THE JOISTS, E.C. IS RESPONSIBLE FOR COORDINATION OF THIS AND THE OWNER PROVIDED EQUIPMENT.



EQUIPMENT PROVIDED BY OWNER

Parts & Service Areas		Power and other Requirements						
QTY	DESCRIPTION	VOLTAGE	PHASE	AMPS	WATTAGE KVA	CIRCUITING	EL. CONNECTION	DESCRIPTION
A-3	ALIGNMENT QUICK CHECK MACHINE	120	1	20	1.8	LE-11	30A/PPN	DUPLEX OUTLET, DATA PORT.
V-16	MAGRO AIR FAN	480	3	5	4.0	SEE PLANS	30A/PPN	FUSED DISCONNECT BY GC.

GENERAL POWER NOTES:

- THE GROUND ROD CLUSTER FOR THE SERVICE GROUND SHALL CONSIST OF (8) 3/4" X 10'-0" CONCRETE ENCASED, COPPER CLAD STEEL GROUND RODS DRIVEN IN A DELTA CONFIGURATION AT 10' ON CENTER BONDED TOGETHER WITH NO. 4/0 BARE COPPER. TOPS OF THE RODS SHALL BE 6" BPG. CONNECTION TO THE RODS SHALL BE WITH EXOTHERMIC WELDS.
- ALL FEEDER/BRANCH CIRCUIT WIRING SHALL BE NO. 12 AWG UNLESS NOTED OTHERWISE. WHERE CONDUCTOR AND RACEWAY SIZE ARE SHOWN AT HOMERUN, SIZE INDICATED SHALL BE USED FOR THE ENTIRE LENGTH OF CIRCUIT. EXCEPTION: FINAL CONNECTION TO DEVICES IN OUTLET BOXES SHALL NOT BE REDUCED TO BE LARGER THAN NO. 12 AWG.
- WHEN A RECEPTACLE IS INDICATED TO BE MOUNTED ADJACENT TO A COMM/DATA/CATV OUTLET, THE DEVICES SHALL BE MOUNTED WITHIN 6" CENTER-TO-CENTER.
- WHERE LIGHT SWITCH AND ABOVE-COUNTER RECEPTACLES ARE INDICATED TO BE MOUNTED ADJACENT TO EACH OTHER, THE DEVICES SHALL BE MOUNTED AT THE SAME HEIGHT UNDER A COMMON DEVICE PLATE.
- OUTLET BOXES FOR SWITCHES, RECEPTACLES, ETC MOUNTED ON OPPOSITE SIDES OF FIRE RATED PARTITIONS SHALL NOT BE MOUNTED IN THE SAME WALL CAVITY. SEPARATE WALL PENETRATIONS BY MOUNTING ON OPPOSITE SIDES OF WALL STUDS OR OTHER VERTICAL STRUCTURAL MEMBER IN THE WALL.
- PROVIDE AND INSTALL AN ENGRAVED LAMINATED PLASTIC NAMEPLATE ON EACH DISCONNECT SWITCH TO INDICATE THE DESIGNATION OF THE EQUIPMENT SERVED & THE BRANCH CIRCUIT SERVING THE EQUIPMENT.
- PROVIDE NEMA CONFIGURATION RECEPTACLES TO MATCH PLUGS ON EQUIPMENT FURNISHED.
- UTILITY TRANSFORMER LOCATION SHALL COMPLY WITH MEMO LOCATION OF MINERAL OIL-FILLED PAD MOUNT TRANSFORMERS OUTDOORS NEAR BUILDINGS AND EQUIPMENT SENT BY DUKE POWER TO WICKLIFFEN COUNTY DATED 12-15-2008.

Revisions:

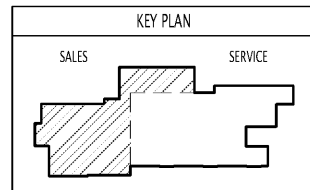
Number	Date	Description
1	03/11/2020	PERMIT COMMENTS

Project Title:
SOUTH CHARLOTTE HYUNDAI

Project No: **4802.00**

Drawing Title:
PARTIAL FIRST FLOOR POWER PLAN - SALES

Project Location:
SOUTH CHARLOTTE HYUNDAI



SET ISSUE DATE
MAR 4, 2020

Sheet:
E2

Order Plans

PARTIAL FIRST FLOOR POWER PLAN - SALES
1/8"=1'-0"