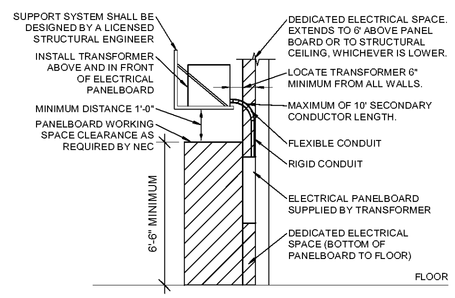
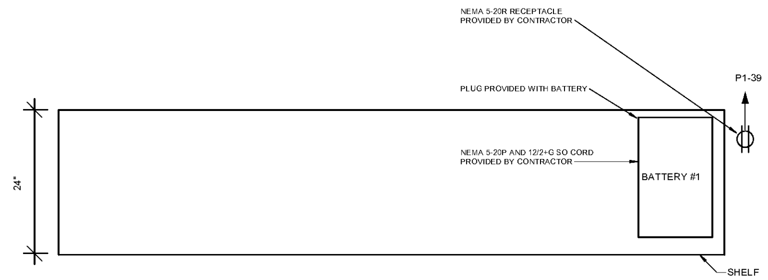
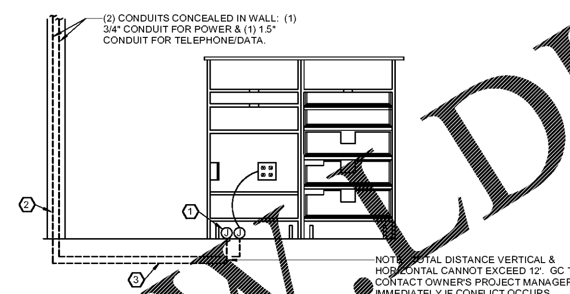


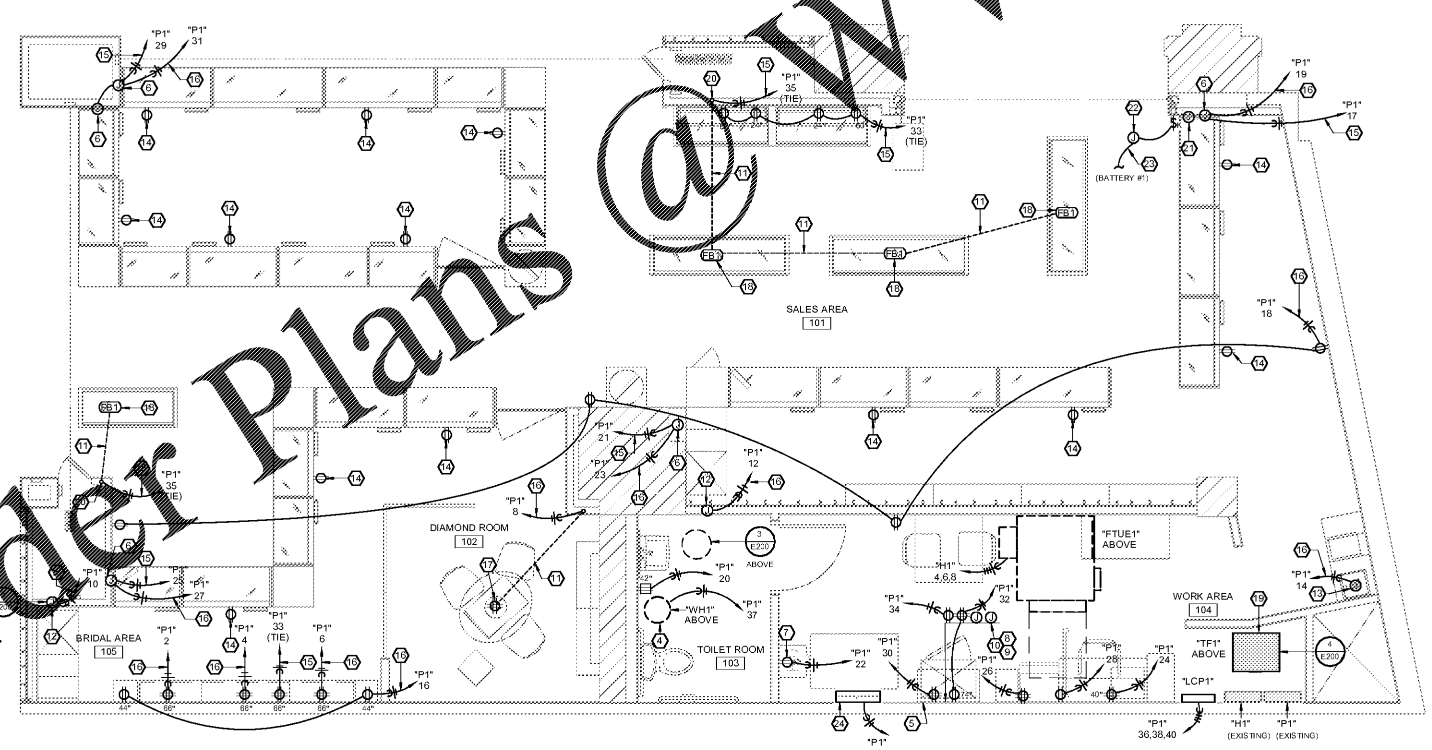
4 SUSPENDED TRANSFORMER MOUNTING DETAIL
SCALE: NOT TO SCALE



3 SHELF ABOVE TOILET ROOM
SCALE: NOT TO SCALE



2 COUNTER ELEVATION
SCALE: NOT TO SCALE



1 FIRST FLOOR POWER PLAN
SCALE: 1/4" = 1'-0"

GENERAL NOTES:

A. ALL EMPTY CONDUITS SHALL HAVE PULL STRING.

B. ALL EQUIPMENT NOTED ON PLANS SHALL BE NEW UNLESS SPECIFICALLY CALLED OUT TO REUSE.

C. ELECTRICAL CONTRACTOR SHALL PERFORM ALL ALTERATIONS AND REWORK INDICATED AND/OR REQUIRED FOR THE PROPER INSTALLATION AND OPERATION OF ALL EXISTING ELECTRICAL SYSTEMS, INTEGRATING THE NEW WITH EXISTING AREAS.

D. ELECTRICAL INSTALLATION SHALL CONFORM TO ALL LANDLORD DESIGN AND CONSTRUCTION STANDARDS.

E. ALL POWER CONDUITS SHALL HAVE 2-#12 AND 1-#12 GROUND IN 1/2"C UNLESS NOTED OTHERWISE.

F. ALL PANELBOARDS, SWITCHBOARDS, AND LINE VOLTAGE CONTROL EQUIPMENT SHALL BE FIELD MARKED TO WARN QUALIFIED PERSONS OF POTENTIAL ELECTRIC ARC FLASH HAZARDS. MARKING SHALL BE LOCATED TO BE CLEARLY VISIBLE TO QUALIFIED PERSONS BEFORE EXAMINATION, ADJUSTING, SERVICING, OR MAINTENANCE OF EQUIPMENT. MARKING SHALL BE SELF ADHESIVE, COMMERCIAL LABEL CONFORMING TO NEC 110.16 AND ANSI Z535.4 AS MANUFACTURED BY IDEAL OR APPROVED EQUAL.

G. ALL SECURITY EQUIPMENT IS FURNISHED AND INSTALLED BY OTHERS. ELECTRICAL CONTRACTOR TO PROVIDE ALL OUTLETS, BOXES, AND PULL WIRES AS INDICATED ON PLANS. GENERAL CONTRACTOR SHALL COORDINATE.

H. ALL TELEPHONE EQUIPMENT IS FURNISHED AND INSTALLED BY OTHERS. ELECTRICAL CONTRACTOR TO PROVIDE ALL OUTLETS, BOXES, COVER PLATES AND PULLWIRES AS INDICATED ON PLANS. GENERAL CONTRACTOR SHALL COORDINATE.

I. ALL COVER PLATES AND DEVICES SHALL BE ALMOND IN COLOR UNLESS NOTED OTHERWISE OR DIRECTED BY OWNER.

J. PANEL CIRCUIT IDENTIFICATION SHALL BE PROVIDED TYPEWRITTEN AND INSTALLED ON THE INSIDE OF THE PANEL DOORS. PROVIDE CIRCUIT IDENTIFICATION FOR ALL NEW PANELS AND EXISTING PANELS THAT ARE TO BE REUSED.

K. REFER TO PANELBOARD SCHEDULES ON SHEET E400 FOR ADDITIONAL INFORMATION.

L. USE LANDLORD SPECIFIED CONTRACTOR FOR MODIFICATIONS AND ADDITIONS TO THE FIRE ALARM SYSTEM. COORDINATE ALL REQUIRED WORK FOR THIS SYSTEM WITH LANDLORD.

M. PROVIDE BACK BOX WITH 1/2" CONDUIT TO ABOVE THE ACCESSIBLE CEILING AS REQUIRED FOR THE DIVISION 15 WALL MOUNTED HVAC CONTROLLERS. COORDINATE EXACT LOCATIONS AND OTHER REQUIREMENTS WITH MECHANICAL DRAWINGS PRIOR TO ROUGH-IN.

PLAN HEX NOTES:

1. PROVIDE TWO FOUR-CONDUCTOR PHONE CABLES FROM THE PHONE BOARD TO THIS LOCATION. LEAVE 12' CONDUCTOR WHIP ON EACH CABLE WITH A TERMINATOR FOR EACH CABLE.
2. RUN ONE CONDUIT DOWN STEEL COLUMN OR IN WALL TO FLOOR FOR CONNECTION TO CASE LIGHTS/RECEPTACLES/MOTORS. CONDUIT TO RUN CONTINUOUS WITH NO JUNCTION BOXES UNLESS NOTED.
3. CORE DRILL FLOOR AND ROUTE CONDUIT TO STUB UP IN LOCATION OF FLOOR JUNCTION BOX SHOWN. ELECTRICAL CONTRACTOR SHALL MOUNT JUNCTION BOX FLUSH TO FLOOR. HARDWIRE CASEWORK PROVIDED WHIP AT JUNCTION BOX TO ALLOW FOR CONNECTION OF CASEWORK WHIPS. COORDINATE TIME AND EXACT LOCATIONS WITH LANDLORD 5 DAYS IN ADVANCE PRIOR TO CORE DRILLING
4. WATER HEATER: FURNISHED BY THE PLUMBING CONTRACTOR. ELECTRICAL CONTRACTOR SHALL PROVIDE 120V POWER FOR CONNECTION. COORDINATE INSTALLATION WITH PLUMBING CONTRACTOR.
5. ELECTRICAL CONTRACTOR TO EXTEND EXISTING LANDLORD CONDUIT (WITH PULL STRING) FROM LANDLORD TELEPHONE CLOSET TO TENANT EQUIPMENT (FIELD VERIFY EXACT LOCATION).
6. ELECTRICAL CONTRACTOR TO CONNECT FACTORY PROVIDED WHIPS BETWEEN CASES AS REQUIRED BY CASEWORK MANUFACTURER. CONDUIT SHALL CONTAIN ONE CIRCUIT FOR LIGHTS TO BE CONTROLLED BY LIGHTING CONTROL PANEL, AND ONE CIRCUIT FOR THE RECEPTACLES AND MOTORS TO BE CONTINUOUSLY POWERED 24 HOURS PER DAY. ALL CONNECTIONS SHALL BE MADE PER CASEWORK MANUFACTURER'S REQUIREMENTS.
7. RECEPTACLE FOR WATER COOLER. MOUNT PER MANUFACTURER'S RECOMMENDATIONS.
8. PROVIDE 0.5" CONDUIT WITH PULL STRING TO ABOVE CEILING FOR SECURITY CONTROLS.
9. J-BOX FOR MONITOR MOUNTED AT 9'-0" AFF.
10. RECEPTACLES FOR THE SECURITY AND TELEPHONE SYSTEMS. SEE THE ELEVATIONS ON SHEET E300 FOR ADDITIONAL INFORMATION, RELATIVE LOCATION, AND EXACT MOUNTING HEIGHTS.
11. CORE DRILL FLOOR SLAB AND ROUTE CONDUIT FROM STUB UP LOCATION TO FLOOR BOX. REFERENCE THE DATA/SPECIAL SYSTEMS PLAN FOR LOW VOLTAGE CONDUIT REQUIREMENTS. COORDINATE TIME AND EXACT LOCATIONS WITH LANDLORD 5 DAYS IN ADVANCE PRIOR TO CORE DRILLING.
12. PROVIDE WHIP TO INTERNAL RECEPTACLE. CONNECT ISOLATED GROUND TO RECEPTACLE. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH OWNER PERSONNEL.
13. PROVIDE WHIP TO INTERNAL RECEPTACLE. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH OWNER PERSONNEL.
14. PROVIDE DUPLEX RECEPTACLES AT DISPLAY ISLAND AND BRIDAL ISLAND AS INDICATED. CONNECT TO DISPLAY CASE CIRCUITRY. COORDINATE COLOR AND LOCATION WITH OWNER.
15. WIRE CIRCUIT THROUGH LIGHTING CONTROL PANEL "LCP1". REFER TO LIGHTING CONTROL PANEL LCP1 ON SHEET E100 FOR CIRCUIT CONTROL.
16. THIS CIRCUIT SHALL OPERATE AT ALL TIMES AND SHALL NOT BE ROUTED THROUGH THE LIGHTING CONTROL PANEL.
17. PROVIDE JUNCTION BOX AND QUAD RECEPTACLE SURFACE-MOUNTED TO FLOOR.,
18. COORDINATE LOCATIONS OF FLOOR BOXES WITH ARCHITECTURAL PLANS.
19. RELOCATE EXISTING TRANSFORMER TO NEW WALL-SUPPORTED PLATFORM. PLATFORM SHALL NOT BE SUSPENDED FROM ROOF STRUCTURAL MEMBERS. SUPPORT SYSTEM SHALL BE DESIGNED BY A LICENSED STRUCTURAL ENGINEER. LOCATE TRANSFORMER 6" MINIMUM FROM ALL WALLS AND 7' MINIMUM ABOVE FINISHED FLOOR.
20. RUN ONE CONDUIT DOWN STEEL COLUMN OR IN WALL TO UNDER SLAB CONDUIT RUN. REFERENCE THE DATA/SPECIAL SYSTEMS PLAN FOR LOW VOLTAGE CONDUIT REQUIREMENTS.
21. PROVIDE JUNCTION BOX AND SINGLE GANG MUD RING FOR ROLLING GRILLE EMERGENCY EGRESS LEVER. JUNCTION BOX TO BE MOUNTED AT 48" AFF. COORDINATE EXACT LOCATION WITH VENDER INSTALLER.
22. MOTORIZED ROLLING GRILLE: PROVIDE TOGGLE SWITCH ON MOTOR AND CONTROL WIRING FOR KEYED SWITCH. COORDINATE EXACT LOCATION WITH OWNER'S REPRESENTATIVE PRIOR TO ROUGH-IN.
23. ROUTE POWER FOR THE OVERHEAD DOOR FROM FRONT ENTRANCE TO BATTERY INDICATED. RE: 1/E200 & 5/E200 FOR BATTERY LOCATION AND ADDITIONAL INFORMATION.
24. PROVIDE FIRE ALARM POWER SUPPLY. COORDINATE REQUIREMENTS WITH LANDLORD.

rtm engineering consultants
9225 Indian Creek Pkwy., Suite 1075 | Overland Park, KS 66210
T: 913.322.1400 : www.rtmassociates.com
GEORGIA COA #: PEF006838

hcklover architect
8813 PENROSE LANE, SUITE 400 • LENEXA, KS 66219
ph: 913.649.8181 • fx: 913.649.1275 • www.klover.net

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DIMENSIONS SHOWN are to finish face of a material unless otherwise indicated.
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project title

HELZBERG DIAMONDS
STORE 211, NG-M
MALL OF GEORGIA
3333 BUFORD DR, 2070C
BUFORD, GEORGIA 30519

project number
19007.019

drawing issuance
OWNER/PERMIT/BID 1.7.20

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△	Date:	Description:

professional seal

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1-9-2020
Exp 12/31/2020

drawing title
POWER FLOOR PLAN

drawing number
E200

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