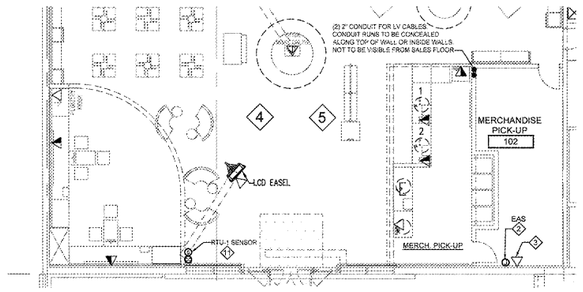
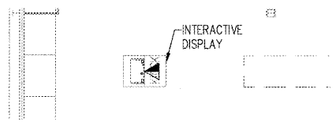
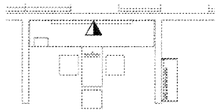


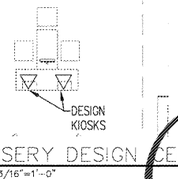
2 E104|E104 FRONT END SALES/ EAS PEDESTAL PLAN
SCALE: 1/8"=1'-0"



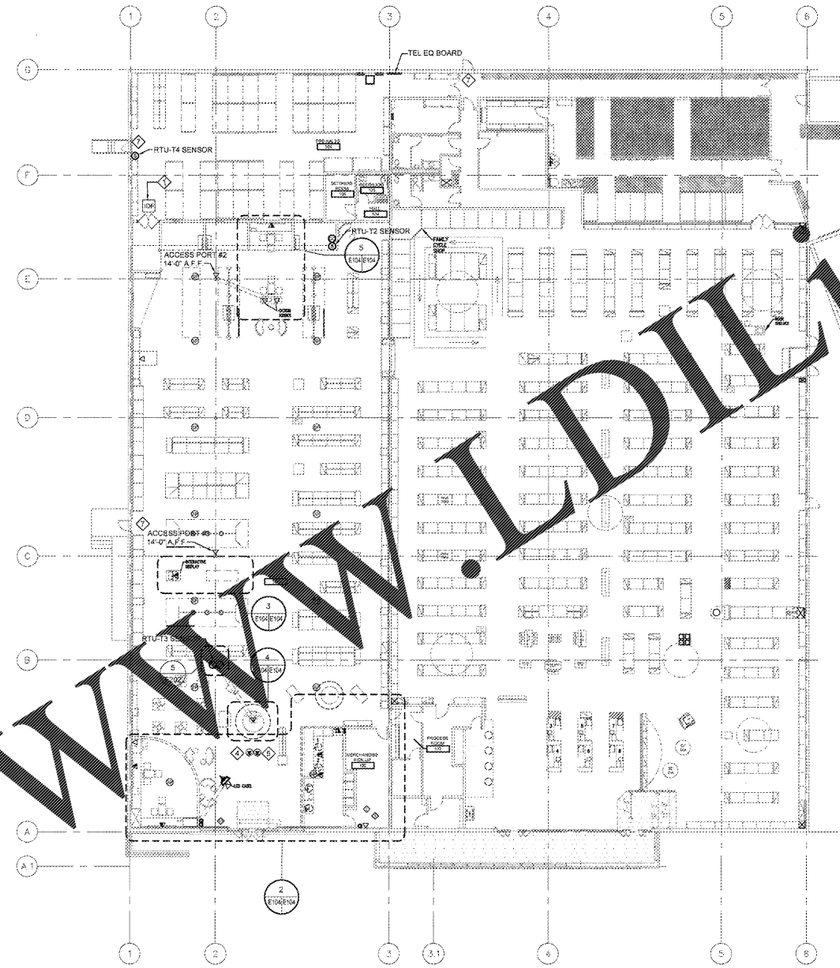
3 E104|E104 GEAR MWS
SCALE: 3/16"=1'-0"

4 E104|E104 KIOSK: MORE ONLINE
SCALE: 3/16"=1'-0"





5 E104|E104 NURSERY DESIGN CENTER
SCALE: 3/16"=1'-0"



1 E104|E104 LOW VOLTAGE PLAN
SCALE: 1/16"=1'-0"

PLAN NORTH

LV GENERAL NOTES

1. NOT USED.
2. PRICE CHECKER POWER/FIXTURE MOUNT: OUTLET TO BE LOCATED UNDER BASE DECK ON PRICE CHECKER SIDE OF FIXTURE
3. PRICE CHECKER POWER/COLUMN MOUNT: OUTLET TO BE LOCATED ABOVE PRICE CHECKER AT 72" A.F.F.
4. SALES FLOOR/PRE-SALES PHONE LOCATIONS: 1/2" FROM CEILING TO 1900 BOX WITH MUD RING AT 80" A.F.F. TO CENTER OF BOX
5. WHEEL WORLD POWER: DUPLEX CONVENIENCE REQUIRED UNDER BASE DECK AT PODIUM END OF FIXTURE
6. WHEEL WORLD DATA: 3/4" CONDUIT STUBBED FROM CEILING THROUGH FIXTURE, TERMINATING UNDER BASE DECK AT PODIUM END. FITTINGS ARE REQUIRED AT BOTH ENDS.
7. (1) CAT6E LINE TO BE PULLED FROM EACH CALL BOX ANTENNA AND SPECTRALINK RCU LOCATION TO EQUIPMENT ROOM
8. IDF CABINET MOUNTED ABOVE PRE-SALES DOOR. PROVIDE DUAL POWER OUTLET
9. LV CONTRACTOR TO PROVIDE AND RUN LV WIRE BETWEEN BURGLAR ALARM PANEL AND ENERGY MANAGEMENT PANEL. AP & NOVAR CONTRACTORS TO TERMINATE LV CONNECTING WIRES AT BOTH BURGLAR ALARMS AND ENERGY MANAGEMENT PANELS.

LV KEYED NOTES

1. IDF CABINET: LOCATE ABOVE PRESALES DOORS AT 12'-0" AFF TO BOTTOM OF CABINET.
2. EAS SYSTEM: JUNCTION BOX WITH SINGLE GANG RING MOUNTED AT 48" AFF FOR EAS COMPLIANCE MANAGER. ROUTE 1/2" CONDUIT TO EAS PANEL. COORDINATE LOCATION. SEE DETAIL 6/E309.
3. EAS SYSTEM: PROVIDE ROUGH-IN AT 48" AFF FOR EAS COMPLIANCE MANAGER. MANAGER TO BE SURFACE MOUNTED TO COLUMN ENCLOSURE. EC TO DRILL COLUMN FOR CABLE ROUTING FROM EAS PANEL TO COMPLIANCE MANAGER. SURFACE MOUNTED RACEWAY AND BOXES ARE NOT ACCEPTABLE. COORDINATE LOCATION.
4. INTERIOR SIREN: PROVIDE 18/4 CABLE TO EAS SYSTEM.
5. INTERIOR SIREN: PROVIDE 18/4 CABLE TO BURGLAR ALARM SYSTEM.
6. NOT USED.
7. DOOR SECURITY: PROVIDE SURFACE MOUNT J-BOX AT 6" ABOVE DOOR FRAME TO CENTER OF BOX FOR CAMERA, ALARM CONTACT AND MOTION SENSOR. PROVIDE 3/4" CONDUIT AND EXTEND CONDUIT TO DECK, LOCATED DIRECTLY ABOVE STRIKE SIDE OF DOOR. SEE 4/E202.
8. NOT USED.
9. NOT USED.
10. NOT USED.
11. TEMPERATURE SENSOR: GLOBAL SPACE TEMPERATURE SENSOR - ST-1. CONNECT PER EMS1 DRAWING. MOUNTED AT 78" AFF, UNO.

LOW VOLTAGE SYMBOLS

SYMBOL	DESCRIPTION
▼	TELEPHONE OUTLET BOX. FLUSH MOUNTED IN WALL W/ 3/4" C. UP TO JOIST AREA BUSH CPRN END.
▼T	DATA/TELEPHONE OUTLET BOX. EITHER FLUSH MOUNTED IN WALL OR SURFACE MOUNTED ON COLUMN W/ 3/4" CONDUIT UP TO JOIST AREA WITH INSULATED BUSHINGS AT BOTH ENDS.
▽	DATA OUTLET BOX OR DATA LINES
IDF	IDF
V	VOLUME CONTROL
SP	SPEAKER
BMX	BURGLAR ALARM. EXPANSION PANEL MOUNT AT 10'-0" AFF. PROVIDE (2) 18/4 CABLE FOR DATA AND (1) 18/2 CABLE FOR POWER, TO BURGLAR ALARM PANEL.
✕	CALL BOX ANTENNA / RCU TRANSCEIVER - PROVIDE (1) CAT6e TO EQUIPMENT ROOM.

DEMOLITION NOTES

A. DEMOLITION OF CABLING: IT IS A CODE VIOLATION TO ABANDON LOW VOLTAGE CABLING. COORDINATE WORK WITH LOW VOLTAGE CONTRACTOR.
- A.A. EXISTING TO REMAIN: ALL CABLING FEEDING EXISTING EQUIPMENT OR OTHER TENANTS SHALL BE PROTECTED DURING DEMOLITION AND MAINTAINED.
- A.B. EXISTING FOR FUTURE: ALL CABLING TO BE USED IN THE FUTURE AND FED FROM AN ACTIVE DEVICE TO BE LABELED AND CODED.
- A.C. DEMOLISHED CABLING: ALL CABLING NOT TERMINATED ON EITHER END SHALL BE DEMOLISHED.

B. RTU SENSORS: EC TO DISCONNECT EXISTING RTU SENSOR AND REPLACE WITH NEW IN EXISTING BOX.

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REVISIONS

No	Date	Description
	01/22/18	90% OWNER REVIEW
	01/29/18	ISSUED FOR PERMIT/BID

NO SUBSTITUTIONS SHALL BE ALLOWED UNLESS OTHERWISE NOTED (REFER TO SPECIFICATIONS)

DESIGNED FOR: FLORIDA BUILDING CODE, 6TH EDITION (2017).

CASCO
Architecture ♦ Engineering
10877 WATSON ROAD
SAINT LOUIS, MO 63127
TEL: (314) 821-1100

BID DATE: 01/29/18
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CHECKED BY: JC

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No. 68614
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
1/30/18
JOSEPH A. CARTER, LIC. NO. 68614
EXP. DATE 02/28/19

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Location
LAKELAND, FLORIDA
3770 US HIGHWAY 98 NORTH 33809

Drawing Title
LOW VOLTAGE PLAN

Scale: AS NOTED
Date: 1/29/18

Sheet No.
E104 0