BUC-EE'S LOW VOLTAGE FUEL DISPENSER COMMUNICATIONS NEW CONSTRUCTION - CONTRACTOR RESPONSIBILITIES	ELECTRICAL CONTRACTOR	FUEL CONTRACTOR	IT OR IT CONTRACTOR
PULL LOW VOLTAGE PUMP LOOP (BROWN/ YELLOW TWISTED PAIR), CRIND LOOP (PURPLE/YELLOW TWISTED PAIR), AND CAT6 FROM EACH DISPENSER TO FUEL VAULT CABINET. ROUTE PUMP LOOP WIRES TO LVDD(S), LABEL FOR EACH DISPENSER, AND TERMINATE IN THE LVDD INPUT BOARDS. LABEL CRIND LOOP WIRES, BUNDLE ALL TOGETHER, AND SECURE IN THE BOTTOM OF THE FUEL VAULT CABINET. CAP CRIND LOOP WIRES IN EACH DISPENSER. SUPPLY IT CONTRACTOR ADDITIONAL PUMP LOOP (BROWN/YELLOW TWISTED PAIR) WIRE TO CONNECT LVDD(S) TO NCR PANTHERS	X		
TIP BOTH ENDS OF CAT6 CABLES BETWEEN LVDD(S) AND DISPENSERS, TEST, AND TERMINATE IN LVDD INPUT BOARDS			X
PULL LOW VOLTAGE PUMP LOOP (BROWN/ YELLOW TWISTED PAIR) BETWEEN LVDD(S) AND NCR PANTHERS, LABEL, AND TERMINATE			X
PULL CAT6 PATCH CABLES FROM LVDD(S) TO BUC-EE'S NETWORK SWITCH, LABEL, PROPERLY TIP, TEST, AND TERMINATE			X
PULL LOW VOLTAGE INTERCOM WIRES BETWEEN EACH DISPENSER AND LVDD(S), LABEL AND TERMINATE IN LVDD INPUT BOARDS, AND TERMINATE IN DISPENSER	X		
PULL LOW VOLTAGE INTERCOM WIRES BETWEEN SALES COUNTERS AND INTERCOM CONTROLLER, AND BETWEEN THE LVDD(S) AND THE INTERCOM CONTROLLER, AND TERMINATE			X
PROPERLY TERMINATE PUMP LOOP (BROWN/YELLOW TWISTED PAIR) AND CAT6 (TIPPED OUT BY IT CONTRACTOR) IN ALL DISPENSERS		X	

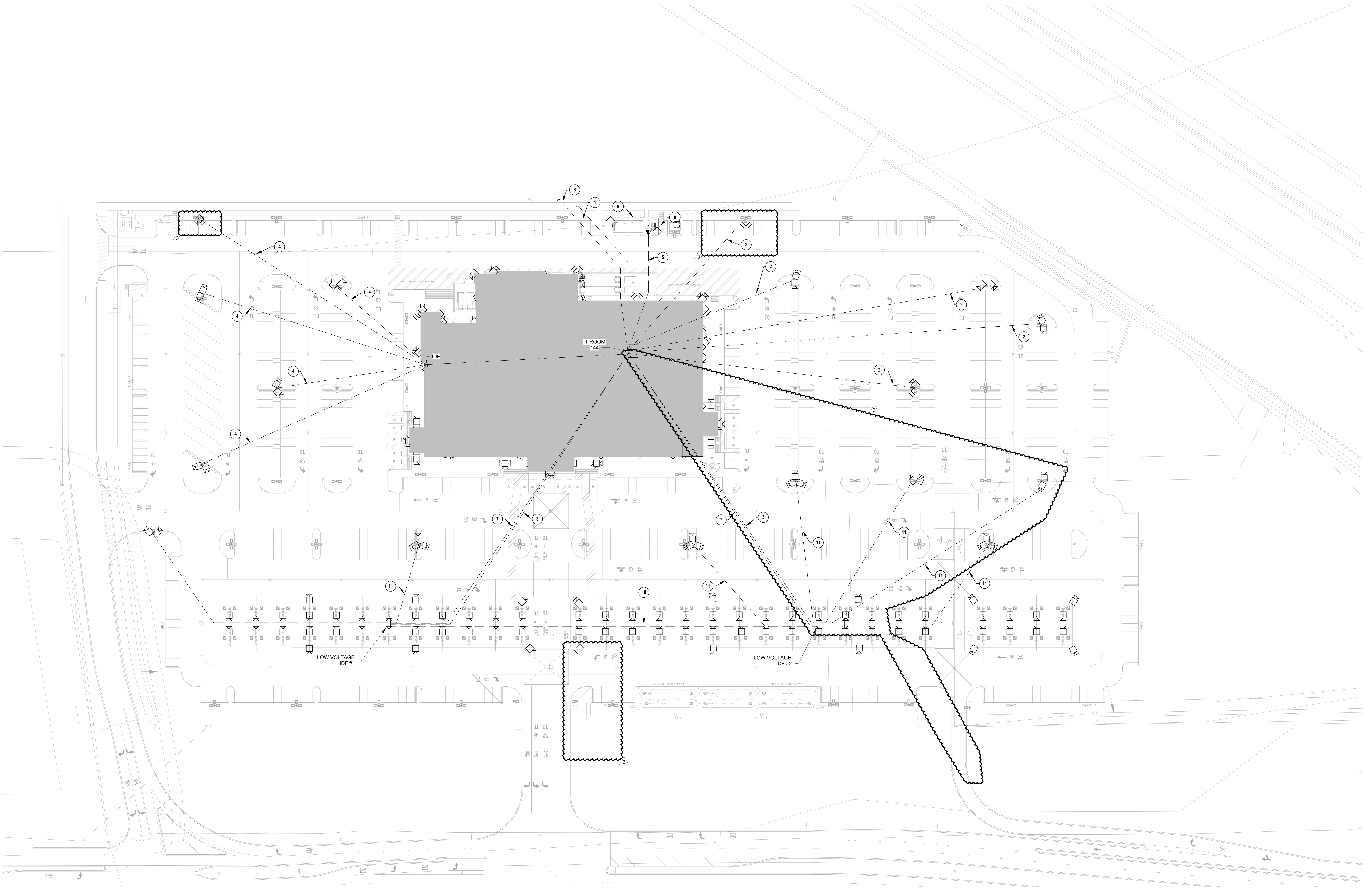
THE CONTRACTOR WHO PULLS EACH CABLE IS RESPONSBLE FOR CONFIRMING CONTINUITY AND WIRE INTEGRITY

TECHNOLOGY SITE GENERAL NOTES

1. CONTRACTOR SHALL VERIFY ALL UNDERGROUND CONDUIT ROUTING AND STUB-UP LOCATIONS PRIOR TO DATA CABLING INSTALLATION.
2. ALL CONDUITS FOR SECURITY CAMERAS MUST BE ROUTED TO THE SHORTEST DISTANCE POSSIBLE FROM ORIGINATION TO DESTINATION. REFER ELECTRICAL SHEETS FOR CONDUIT ROUTING REQUIREMENTS AND ADDITIONAL INFORMATION.
3. COORDINATE ALL SITE POLE CAMERA LOCATIONS AND ANGLES WITH OWNER PRIOR TO INSTALLATION.
4. LINE VOLTAGE CIRCUITRY SHALL NOT BE ROUTED IN THE SAME RACEWAY AS LOW VOLTAGE COMMUNICATION AND SECURITY WIRING. LOW VOLTAGE SYSTEM INSTALLERS SHALL PROVIDE NECESSARY RACEWAY AT POLES TO SEPARATE WIRING OR OTHERWISE SEPARATE BY BARRIER OR DIVIDER PER CODE.

TECHNOLOGY KEYED NOTES

1 CONDUIT FROM IT ROOM TO PROPERTY LINE FOR INCOMING TELEPHONE/ISP CONNECTION. RE: CIVIL DRAWINGS FOR CONTINUATION.
2 ROUTE SECURITY CAMERA CABLING IN (1) 1" C. TO SECURITY CAMERA WIREWAY IN IT ROOM
3 (1) 2" C. WITH FIBER AND (1) 2" C. SPARE ROUTED BETWEEN IDFS
4 (1) 1" C. WITH SECURITY CAMERA CABLING TO LOW VOLTAGE IDF LOCATION IN CIGARETTE STORAGE ROOM.
5 (2) 2" C. WITH SECURITY CAMERA CABLING TO SECURITY CAMERA WIREWAY IN IT ROOM
6 (2) 4" C. FOR FUTURE STORE EXPANSION
7 (2) 2" C. WITH PULL-WIRE FOR FUEL INTERCOM CABLING
8 SURFACE MOUNTED CONDUIT UP HIGH FOR CAMERAS.
9 CONDUIT STUB UP LOCATION, PROVIDE DATA DROP AND ROUTE CONDUIT UP WALL AND OVER TO CAMERAS.
10 (2) 2" C. WITH PULL-WIRE BETWEEN EACH FUEL CANOPY IDF'S
11 (1) 1" C. WITH SECURITY CAMERA CABLING TO LOW VOLTAGE IDF LOCATION IN FUEL ISLAND CANOPY.



1 TECHNOLOGY SITE PLAN
1" = 50'-0"

A DEVELOPMENT OF

Buc-ee's Benton, LLC
Saline County, AR

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BUC-EE'S TRAVEL CENTER
BENTON, ARKANSAS

74K - L - 2024 - Q2

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EXPIRES 12/31/2025

ISSUE/REVISION LOG:

No.	DESCRIPTION	DATE
1	Revision 1 - Owner Changes	09/09/2024
3	Revision 3 - Owner Changes	04/23/2025

4/24/2025

ISSUED FOR REVIEW: 05/14/2024
ISSUED FOR BID: 05/14/2024
ISSUED FOR PERMIT: 05/14/2024

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TECHNOLOGY SITE PLAN
LSL PROJECT NUMBER: 2024-107.000
BENTON, ARKANSAS