Here is the **fully unified and manager-aligned** version of your **mobile-friendly Markdown checklist** for today's walkthrough.

It merges:

* 🧾 Your prior structured format
* ✅ Your manager's field-ready notes
* 🔄 Checklist logic for **Colocation**, **Owned**, and **Shared** items

# 🧾 Data Center Site Survey Checklist (Unified & Manager-Enhanced)

**Date:** \_\_\_\_\_\_\_\_\_  
**Site Name:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
**Site Type:** Colocation / Owned / Hybrid  
**Survey Leader:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

### ✅ Access & Security

* [ ] Confirm physical access request process (email, SN, ticketing)
* [ ] Review access logs for authorized personnel and recent activity
* [ ] Access to cage: badge, escort, biometric, PIN – validate process
* [ ] Observe camera placement and angle of view coverage
* [ ] Walk perimeter and note physical conditions (cleanliness, walkways)
* [ ] Check emergency lighting and egress signage
* [ ] **(Colocation)** Confirm shared space access boundaries and cage control
* [ ] Inspect visitor management procedures and documentation retention

### 🖥️ Equipment & Rack Condition

* [ ] Conduct full hardware inventory (label, asset tag, position)
* [ ] Observe condition of racks: doors closed, locked, intact
* [ ] Check for trash, unused gear, or disorganization inside/near racks
* [ ] Confirm blanking plates are installed where needed
* [ ] Validate fan direction and equipment orientation (front-to-back airflow)
* [ ] Equipment spacing: confirm no overcrowding or shelf stacking
* [ ] Identify and log **single-corded devices** (power risk)

### 🔌 Power Infrastructure

* [ ] Confirm rack PDU models, metering type, and firmware status
* [ ] Observe rPDU screen for Amps, Volts, Watts per outlet or bank
* [ ] Check phase balance and cabinet-level draw distribution
* [ ] Labeling of breaker panels: match against drawings or SLD
* [ ] **(Owned)** Inspect ATS switches, generator room, and fuel supply
* [ ] **(Owned)** Photograph updated single-line diagrams (SLDs)

### ❄️ Cooling & Environmental Controls

* [ ] Confirm cold/hot aisle containment and alignment
* [ ] Measure ambient temperature in multiple rows/zones
* [ ] Observe airflow blockages or gaps in containment
* [ ] Leak detection system: verify sensor presence and placement
* [ ] Check humidity sensor locations and dashboard visibility
* [ ] **(Colocation)** Inspect airflow behavior from adjacent cages
* [ ] Photograph zones with suspected thermal or obstruction issues

### 🧵 Cabling & Network

* [ ] Inspect patch panels: labeling, port use, consistency
* [ ] Evaluate cable quality, routing, and slack management
* [ ] Are cables labeled at both ends? Labeled logically?
* [ ] Confirm cable documentation/database exists and is updated
* [ ] Photograph good vs poor cable routes for future comparison
* [ ] **(Owned)** Map risers, POP to MDF/IDF runs
* [ ] **(Colocation)** Review cross-connect and MMR provisioning SLAs

### 🧰 Loose Items, Shelves, and Spares

* [ ] Identify any kits/devices stored on top of or inside racks
* [ ] Inventory spare parts on cage shelves (optics, rails, tools)
* [ ] Tag any equipment without labels or tracking ID
* [ ] **(Owned)** Validate against Nlyte / CMDB entry or discrepancies

### 📊 Monitoring & Operations

* [ ] Confirm SNMP/DCIM/BMS integration status
* [ ] Validate polling interval and alert thresholds
* [ ] Ask about recent incidents, escalations, or critical changes
* [ ] Review SOPs/MOPs for PDU resets or breaker trip response
* [ ] **(Colocation)** Understand remote hands workflow and limitations
* [ ] **(Owned)** Confirm HVAC, PDU, and fire systems monitored via BMS

### 🧾 Compliance & Documentation

* [ ] Cross-check cabinet layout against most recent documentation
* [ ] Inspect fire suppression system type and location (FM-200, VESDA)
* [ ] Review physical signage for safety procedures and emergency contacts
* [ ] Validate presence of critical MOPs and escalation charts
* [ ] **(Colocation)** Request SOC2, ISO 27001, or local certs on file
* [ ] **(Owned)** Confirm asset management platform is accurate and current

### 📷 Photo Capture Log

Take timestamped photos of:

* [ ] PDU display screens (load per feed)
* [ ] Inside/back of racks (cabling, airflow, spacing)
* [ ] Overhead trays or underfloor cable pathways (if visible)
* [ ] Cage perimeter, badge readers, signage
* [ ] Breaker panels and labels
* [ ] Fire suppression and environmental sensor panels
* [ ] Any problem areas (trash, tangled cables, blocked airflow, loose gear)

Would you like this converted to:

* 📄 PDF printout
* 📲 Google Form (for mobile tap-based entry + photo upload)
* 📤 Slack-ready message post format

Let me know and I’ll deliver the exact version for your team.