## FLOOR LEVELNESS ASSESSMENT REQUIREMENT

1. GENERAL CONTRACTOR SHALL ASSESS FLOOR LEVELNESS WITHIN ALL DESIGNATED VENDOR PAD AND INSTALLATION AREAS IN ACCORDANCE WITH THE BEST BUY FLOOR LEVELNESS SOP. WHERE EXISTING FLOOR CONDITIONS DO NOT MEET THE SPECIFIED FLOOR LEVELNESS REQUIREMENTS, THE GENERAL CONTRACTOR SHALL NOTIFY BEST BUY AND SUBMIT A CHANGE ORDER PROPOSAL FOR ANY REQUIRED REMEDIATION. MEANS, METHODS, SEQUENCING, REMEDIATION APPROACH, AND ASSOCIATED COSTS SHALL BE DETERMINED BY THE GENERAL CONTRACTOR AND COORDINATED WITH BEST BUY FOR APPROVAL.

## FLATWIRE NOTES (WHEN APPLICABLE)

1. ALL APPLE PADS (MOBILE AND COMPUTING) WILL REQUIRE HAND CUTTING TO UNCOVER FLATWIRE RUN FROM THE PAD TO THE SOURCE (COLUMN OR WALL). NO MECHANICAL DEMO IS TO BE USED UNTIL ALL FLATWIRE IS EXPOSED AND PROTECTED. THERE IS NO REPLACEMENT FOR FLATWIRE AVAILABLE. DAMAGE TO EXISTING FLATWIRE WILL REQUIRE SLAB CUTTING, CONDUITE/WIRE RUNS AND SLAB PATCHING AT GC EXPENCE

## FLATWIRE NOTES FOR NON APPLE PADS (WHEN APPLICABLE)

1. THIS LOCATION WILL REQUIRE HAND CUTTING TO UNCOVER FLATWIRE RUN FROM THE PAD TO THE SOURCE (COLUMN OR WALL.) NO MECHANICAL DEMO IS TO BE USED UNTIL ALL FLATWIRE IS EXPOSED AND PROTECTED. THERE IS NO REPLACEMENT FOR FLATWIRE AVAILABLE. DAMAGE TO EXISTING FLATWIRE WILL REQUIRE SLAB CUTTING. CONDUITE/WIRE RUNS AND SLAB PATCHING AT GC EXPENSE.

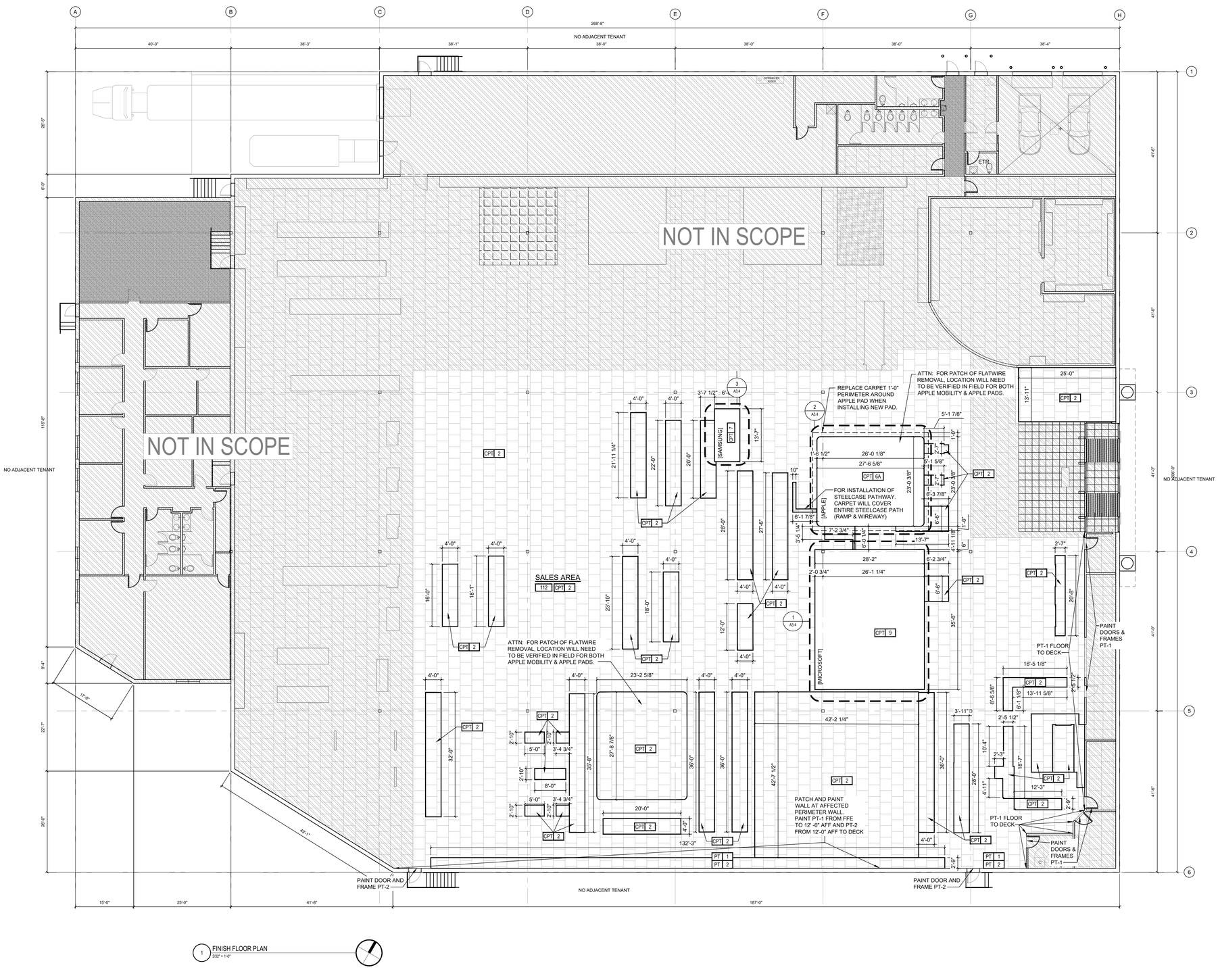
## FLOOR FINISH GENERAL NOTES (WHEN APPLICABLE)

1. ALL FLOORING TO RUN FROM FRONT TO BACK OF STORE, (PERPENDICULAR TO STOREFRONT) & PARALLEL TO GRID LINES, UNLESS OTHERWISE NOTED ON PLAN.
2. 4" RUBBER BASE (RB-1) SUPPLIED & INSTALLED BY GENERAL CONTRACTOR. RB-1 TO BE INSTALLED ON ALL WALLS WHERE NO FIXTURES ARE LOCATED, TYP., U.N.O. G.C. TO COORDINATE WITH CONSTRUCTION MANAGER TO ALSO PROVIDE RB-1 ON CASEWORK BASES, WHERE APPLICABLE.
3. CARPET TO EXTEND UNDER ALL CASEWORK UNLESS EXCEPTION APPROVED BY BBY CONSTRUCTION MANAGER. CARPET UP TO LEADING EDGE OF HALF RACK (IF EXISTING) TO REMAINALL EXPOSED GAPS IN LVT REQUIRE A STRAIGHT EDGE. FILL WITH RECOMMENDED FLEXIBLE COLOR COORDINATED CAULK. USE DAP ALL-PURPOSE 100% SILICONE RUBBER SEALANT, COORD. W/ BBY CPM FOR CAULK COLOR.
4. ARDEX SLAB AT THRESHOLD TO RESTROOMS (2% MAX. SLOPE) AS REQ'D. TO MEET ADA 1/2" MAX. CHANGE IN ELEVATION AT THRESHOLD WITH RENO-U TRANSITION.
5. GC TO COORDINATE CARPET INSTALL W/ FIXTURE PLAN AND CONNECTRAC INSTALLATION. SEE SHEET A3.2 AND ELECTRICAL DRAWINGS.
6. SEE SPECS FOR BOND TEST PROCEDURE AT AREAS OF CARPET.
7. SEE SPECS FOR POLISHED CONCRETE SCOPE (WHEN APPLICABLE).
8. REFER TO SHEET CS1.0 FOR FLOORING RESPONSIBILITIES.

## BOND TEST PROCEDURE (PHOTO REQ'D) (WHEN APPLICABLE)

(GC TO PROVIDE TO BBY & DM PRIOR TO INSTALLATION)

1. SELECT AN APPROXIMATELY 7-FOOT SQUARE AREA (4 SQUARE METERS) IN A TYPICAL LOCATION ON THE SUBSTRATE OR SLAB. PREPARE FOR CONSISTENTCY WITH THE INSTALLATION PLAN PER MILLIKEN MODULAR CARPET INSTALLATION INSTRUCTIONS.
2. APPLY MILLIKEN MODULAR CARPET ADHESIVES TO THE SUBSTRATE FOR A RELEASABLE INSTALLATION IN THE RECOMMENDED MANNER (TROWEL, ROLLER, OR AEROSOL SPRAY) AND APPLICATION RATE. ALLOW ADHESIVE TO DRY COMPLETELY PRIOR TO INSTALLATION OF MODULAR CARPET.
3. OBSERVE THE ADHESIVE DRYING TIME, WHICH WILL VARY WITH THE FLOOR POROSITY AND AMBIENT CONDITIONS. PROPERLY DRIED ADHESIVE WILL NOT TRANSFER TO THE FINGER AND WILL HAVE A TACKY FEEL.
4. APPLY DOWNWARD PRESSURE TO ASSURE CONTACT WITH THE SUBSTRATE AFTER PLACING THE CARPET TILE ON THE DRIED ADHESIVE . TILES SHOULD IMMEDIATELY LOCK IN PLACE INHIBITING LATERAL MOVEMENT.
5. AFTER 24 HOURS, OBSERVE THE MOCK-UP INSTALLATION TO REFER TO IF ANY OBVIOUS PROBLEMS MAY EXIST. THE MODULAR CARPET SHOULD BE ADEQUATELY BONDED TO THE SUBSTRATE, AND INHIBIT LATERAL MOVEMENT WITH ADHESIVE REMAINING FIRMLY BONDED TO THE SUBSTRATE. TO TEST THIS ATTEMPT TO SLIDE EACH TILE. NOW LIFT EACH CARPET TILE AND CHECK BACKING FOR ADHESIVE TRANSFER. ALL ADHESIVE SHOULD REMAIN ON THE FLOOR. THERE SHOULD BE NO ADHESIVE TRANSFER TO THE BACK OF THE TILE.
   - DOCUMENT WITH PHOTOS THAT SHOW FLOOR PREP, FLOOR WITH ADHESIVE, AND BACK OF TILE UPON TILE REMOVAL AFTER 24HR PERIOD.
   - TESTING SHOULD BE CONDUCTED APPROXIMATELY 24 HRS PRIOR TO INSTALLATION.
   - IF INSTALLATION COVERS MULTIPLE FLOORS A BOND TEST SHOULD BE CONDUCTED ON GRADE.




1 FINISH FLOOR PLAN
3/32" = 1'-0"

## FINISH KEY

(HATCH PROVIDED TO DIFFERENTIATE MATERIALS ONLY- NOT INDICATIVE OF PATTERN OR ORIENTATION)

- CPT 2 — VERTICAL ASHLAR
- CPT 6 — APPLE VENDOR CARPET
- CPT 6A — APPLE VENDOR CARPET WITH RAISED FLOORING
- CPT 7 — SAMSUNG VENDOR CARPET
- CPT 9 — MICROSOFT VENDOR CARPET
- CPT 10 — SAMSUNG HT VENDOR CARPET
- CPT 12 — SONY HT VENDOR CARPET
- CPT 20 — BRICK ASHLAR
- CPT 25 — TCL HT VENDOR CARPET
- CPT 26 — HISENSE HT VENDOR CARPET
- CPT 27 — LG HT VENDOR CARPET
- CT 4 — CERAMIC TILE
- MT 1 — ENTRY MAT
- MT 2 — ENTRY MAT
- PC 1 — POLISHED CONCRETE
- RT 1 — STATIC CONTROL FLOORING
- SC 1 — SEALED CONCRETE
- SC 2 — SEALED CONCRETE REQUIRED LEVEL FLOOR MIN. AS NOTED
- SC 3 — SEALED CONCRETE

## MATERIAL SCHEDULE

**INTERIOR MATERIALS**

**(SEE FINISH PLAN(S), ROOM FINISH SCHEDULE(S) AND INTERIOR ELEVATION(S) FOR FINISH LOCATIONS)**

| | |
|---|---|
| CPT 2 | CARPET TILE: MILLIKEN - DR/MAT ID: 00879501MR, FUZZY WEAVE 2 - SIZE: 1M X 1M - USE MILLIKEN NON-REACTIVE STANDARD ADHESIVE. INSTALL PATTERN: BRICK ASHLAR. TRANSITON STRIP: JOHNSONITE CTA-40-H "BLACK" |
| CPT 6 | CARPET TILE: MILLIKEN FORMWORK - AMERICAS, COLOR: FWK133 "VAULT" (MONOLITHIC INSTALL), USE MILLIKEN NON-REACTIVE STANDARD MODULAR TILE ADHESIVE, TRANSITON STRIP: JOHNSONITE CTA-40-H "BLACK". VENDOR PROVIDED, GC INSTALLED WITH VENDOR SUPERVISION |
| CPT 6A | SAME AS [CPT-6] WITH ADDITION OF RAISED FLOOR SYSTEM PROVIDED AND INSTALLED BY VENDOR |
| CPT 7 | CARPET TILE: SHAW, PINBALL CARPET TILE GRAY SHAW, VENDOR PART NO: I0353, COLOR: GRAY, 24" X 24" - MONOLITHIC INSTALLATION |
| CPT 9 | CARPET TILE: MILLIKEN - DESIGN: FORMWORK FWK79 MR, DESIGN NAME: SPAR - SIZE: 50 CM X 50 CM - USE MILLIKEN NON-REACTIVE STANDARD MODULAR TILE ADHESIVE. INSTALL PATTERN: MONOLITHIC INSTALL. TRANSITON STRIP: JOHNSONITE CTA-40-H "BLACK" |
| CPT 20 | CARPET TILE: MILLIKEN - DR01427037, SOUND OF COLOR, THUNDER; "BEST BUY THUNDER" - SIZE: 1M X 1M - USE MILLIKEN NON-REACTIVE STANDARD ADHESIVE. INSTALL PATTERN: BRICK ASHLAR. TRANSITON STRIP: JOHNSONITE CTA-40-H "BLACK" |
| MT 1 | ENTRY FLOORING CARPET: MILLIKEN, STYLE: OBEX TILE CUT THREAD, COLOR: TDC-118-119DARK GREY (50CM X 50CM). INSTALL MONOLITHIC, USE MILLIKEN NON-REACTIVE STANDARD MODULAR TILE ADHESIVE |
| MT 2 | ENTRY FLOORING: MATWORKS, ESMS1001 "MATSHIELD PRO" INTERLOCKING ENTRY SYSTEM, PVC, BLACK - 18"X18" TILES. GC TO PROVIDE FLOOR CLIPS FOR INSTALLATION. |
| PC 1 | EXPOSED SLAB FINISH: POLISHED CONCRETE, NATURAL POLISH FINISH. POLISH THE CONCRETE PER POLISH CONCRETE SCOPE NOTES ON SHEET A3.0 |
| PT 1 | INTERIOR WALL PAINT: SHERWIN WILLIAMS 7551 "GREEK VILLA", SCUFF TUFF EGGSHELL FINISH. FOR COLUMNS FLOOR TO DECK & CONDUITS - USE EGGSHELL FINISH. FOR DECK, GRILLES, ALL CEILING ELEMENTS, DUCTWORK, HVAC, BURGLAR BARS, ETC, UNO - USE DRYFALL FLAT FINISH. FOR INTERIOR DOOR & DOOR FRAME PAINT, SEMI-GLOSS FINISH. (SEE FINISH FLOOR PLAN(S), ROOM FINISH SCHEDULE AND INTERIOR ELEVATIONS FOR EXTENTS) |
| PT 2 | INTERIOR WALL PAINT: SHERWIN WILLIAMS 7076 "CYBERSPACE" , SCUFF TUFF EGGSHELL FINISH. FOR COLUMNS FLOOR TO DECK & CONDUITS - USE EGGSHELL FINISH. FOR DECK, GRILLES, ALL CEILING ELEMENTS, DUCTWORK, HVAC, BURGLAR BARS, ETC, UNO - USE DRYFALL FLAT FINISH. FOR INTERIOR DOOR & DOOR FRAME PAINT (TYP - U.N.O.) SEMI-GLOSS FINISH. (SEE FINISH FLOOR PLAN(S), ROOM FINISH SCHEDULE AND INTERIOR ELEVATIONS FOR EXTENTS) |
| PT 58 | INTERIOR WALL PAINT: SHERWIN WILLIAMS BEST BUY HUMAN BLUE, SCUFF TUFF EGGSHELL FINISH. FOR INTERIOR DOOR & DOOR FRAME PAINT, SEMI-GLOSS FINISH. |
| PT 62 | INTERIOR WALL PAINT: SHERWIN WILLIAMS 7074 "SOFTWARE", SCUFF TUFF EGGSHELL FINISH. FOR INTERIOR DOOR & DOOR FRAME PAINT, SEMI-GLOSS FINISH. |
| RB 1 | BASE FOR ALL AREAS EXCEPT RESTROOMS: 4" RUBBER BASE, JOHNSONITE #40 BLACK [IF EXISTING STORE HAS 6" WALL BASE, MATCH EXISTING STORE HEIGHT] |
| RT 1 | FLOORING FOR GEEK SQUAD: INTERLOCKING STATIC CONTROL FLOOR TILE, SELECT TILE ESD, 24"x24", GROUND EVERY 1,000 SQ FT, FINISH "CORK" (FCIC) |
| SC 1 | EXPOSED CONCRETE SLAB AT STOCKROOM, JANITOR AND COMM ROOM: SEALED CONCRETE. SEE SPEC SECTION 03 3000 (SECTION 2.07 CAST-IN-PLACE CONCRETE) |
| ETR * | EXISTING FLOORING FINISH TO REMAIN AS IS |


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GWINNETT
1875 PLEASANT HILL RD
DULUTH, GA 30096

BEST BUY
FY28 REFLOW

| SQUARE FOOTAGE CALCULATIONS | |
|---|---|
| RETAIL: | 46,497 SF |
| ISC BAY: | 1,031 SF |
| SUPPORT ROOMS: | - SF |
| STORAGE/REMAINING: | 2,956 SF |
| TOTAL: | 50,484 SF |

BID/PERMIT SET

Issue Date: 10/12/2026

REVISION INFORMATION

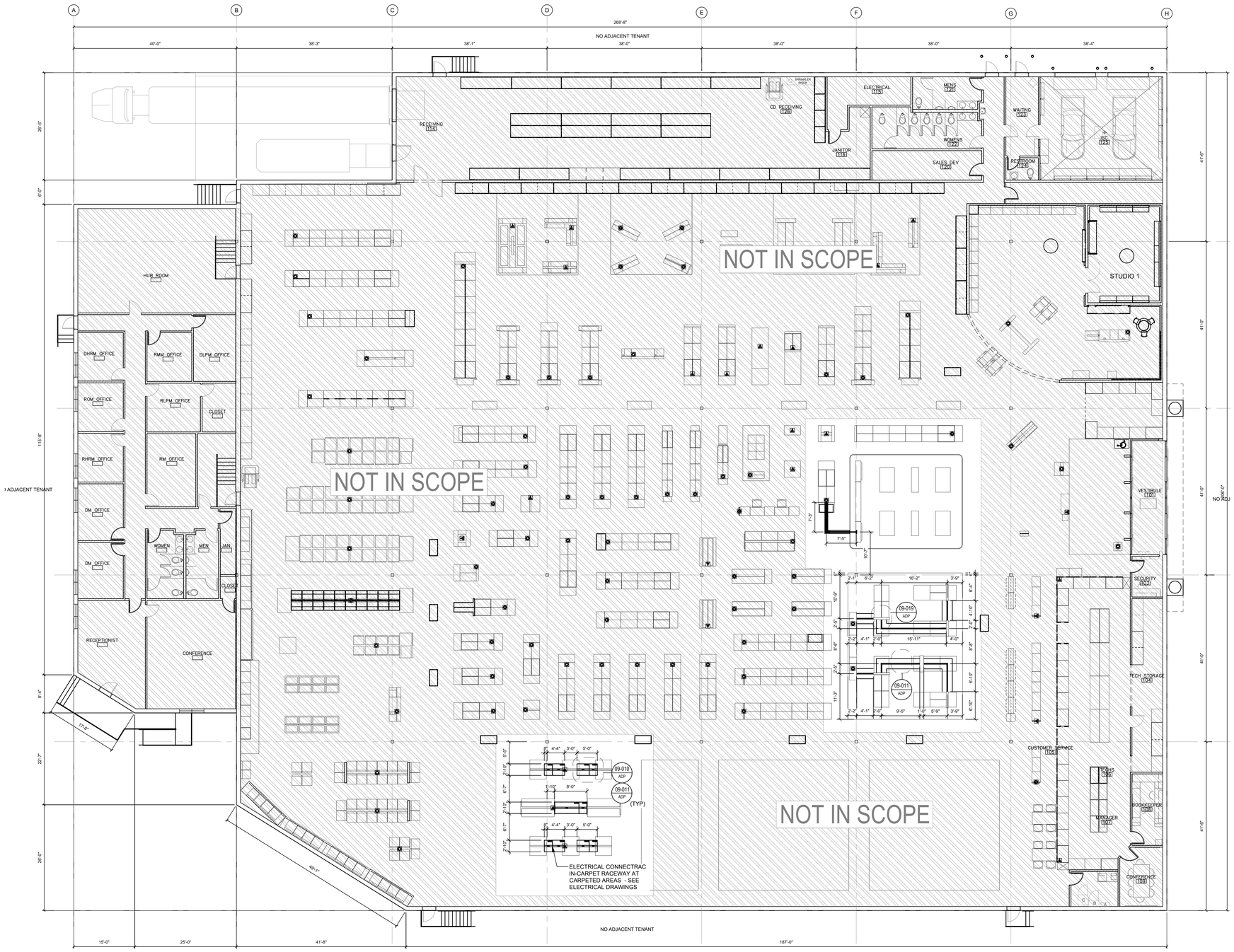
PROTOTYPE

CONCEPT: 45K C2.1 / FORMAT: L

Drawing

FINISH FLOOR PLAN

A3.0




1 OVER THE FLOOR WIREWAY PLAN
3/32" = 1'-0"

**GENERAL NOTES**

1. GC TO COORDINATE BETWEEN CARPET, FIXTURE AND ELECTRICAL WIREMOLD INSTALL(S), SEE ELECTRICAL SHEETS FOR MORE INFORMATION.

## WIREWAY KEY

| | |
|---|---|
| | STANDARD IN-CARPET WIREWAY, CUT TO FIT |
| | STUBUP TRENCH BOX |
| | STEELCASE FOR APPLE |


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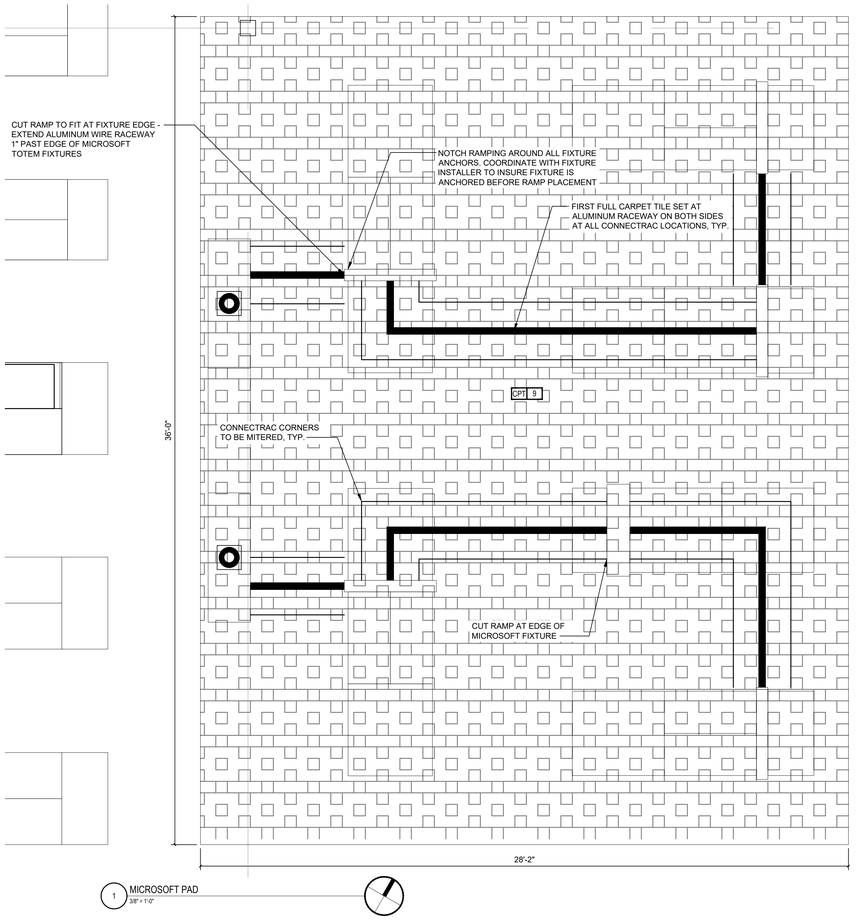
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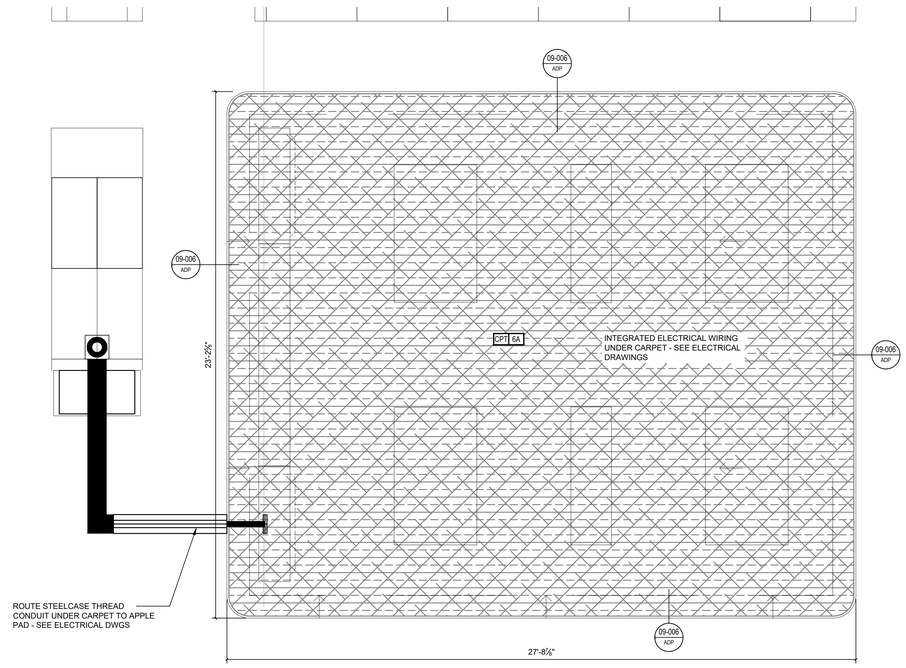
Drawing

OVER THE FLOOR WIREWAY PLAN

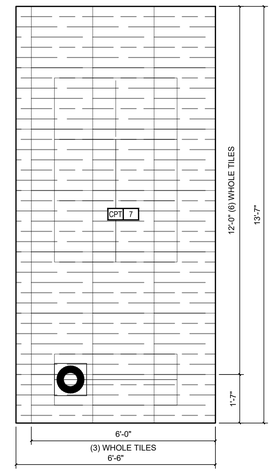
A3.2




1 MICROSOFT PAD
3/8" = 1'-0"




2 ENLARGED APPLE 3.0 VENDOR PAD
3/8" = 1'-0"




3 ENLARGED SAMSUNG VENDOR PAD (PINBALL)
1/2" = 1'-0"

## FINISH GENERAL NOTES

1. ALL FLOORING TO RUN FROM FRONT TO BACK OF STORE, (PERPENDICULAR TO STOREFRONT) & PARALLEL TO GRID LINES. UNLESS OTHERWISE NOTED ON PLAN.
2. 4" RUBBER BASE (RB-1) SUPPLIED & INSTALLED BY GENERAL CONTRACTOR. RB-1 TO BE INSTALLED ON ALL WALLS WHERE NO FIXTURES ARE LOCATED, TYP, UNO. RB-1 TO BE INSTALLED IN GEEK SQUAD. GC TO COORDINATE WITH CONSTRUCTION MANAGER TO ALSO PROVIDE RB-1 ON CASEWORK BASES, WHERE APPLICABLE.
3. UNLESS SPECIFICALLY NOTED OTHERWISE, ALL INTERIOR DOORS & THE INTERIOR SIDE OF ALL EXTERIOR DOORS & FRAMES TO BE PAINTED, SEMI-GLOSS FINISH, TYP.
4. FOR DOORS & FRAMES NOTED TO BE PAINTED, PAINT SALES SIDE OF DOOR & FRAME ONLY AS SHOWN ON SHEET A3.0; PAINT INTERIOR SIDE OF DOOR AS PER ROOM SCHEDULE.
5. ALL WALL, COLUMN, AND CONDUIT PAINT TO BE EGGSHELL FINISH. ALL CEILING /DECK, HVAC, AND BURGLAR BAR PAINT TO BE FLAT FINISH. REFER TO PROJECT SPECIFICATIONS FOR ALL PAINT FINISHES BY APPLICATION.
6. CARPET TO EXTEND UNDER ALL CASEWORK UNLESS EXCEPTION APPROVED BY BBY CONSTRUCTION MANAGER. CARPET UP TO LEADING EDGE OF HALF RACK (IF EXISTING) TO REMAIN.
7. ALL CONDUIT TO BE PAINTED, TYP. PAINT CONDUIT DROPS TO MATCH ADJACENT WALL COLOR & PAINT CONDUIT AT DECK TO MATCH DECK.
8. ALL EXPOSED GAPS IN LVT REQUIRE A STRAIGHT EDGE. FILL WITH RECOMMENDED FLEXIBLE COLOR COORDINATED CAULK. USE DAP ALL-PURPOSE 100% SILICONE RUBBER SEALANT. COORD W/ BBY CPM FOR CAULK COLOR.
9. ADD SST KICK PLATE TO ALL DOORS AT SUPPORT ROOMS IF MISSING. REMOVE OR TAPE EXISTING SST KICK PLATES AT SUPPORT ROOM DOORS PRIOR TO PAINTING.
10. PAINT CEILING, DUCTS, VENTS IN SALES AREA AND IN STOCKROOM TO MATCH EXISTING, UNO. PAINT JOISTS, AND PAINT COLUMNS (FROM FLOOR TO DECK) WITH IN SALES AREA AND IN STOCKROOM TO MATCH EXISTING, UNO. CLEAN PRIOR TO PAINTING.
11. INSTALL IMPACT RESISTANT GYP BD AT AREAS VISIBLE TO SALES FLOOR AT ISPU AND CHECKOUT WALLS. SEE FLOOR PLAN FOR LOCATIONS.
12. PAINT ALL WALLS IN SALES AREAS PER SHEET A3.0

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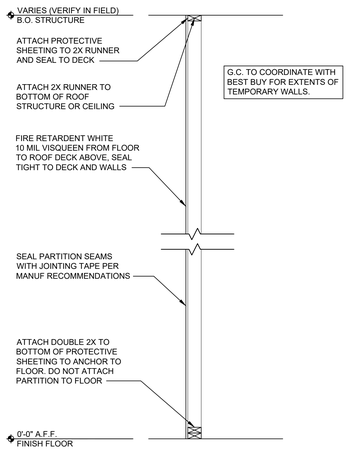
PROTOTYPE

CONCEPT: 45K C2.1 / FORMAT: L

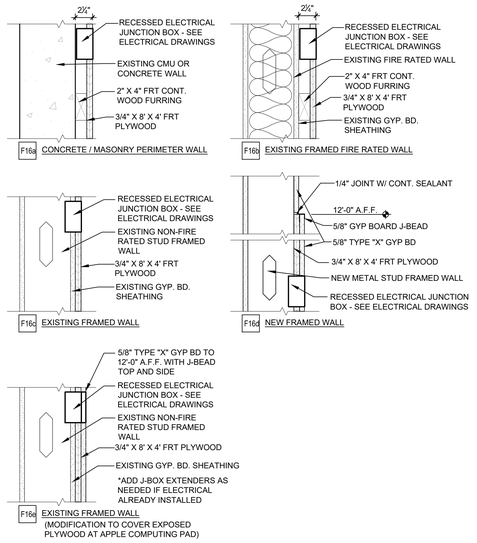
Drawing

VENDOR PAD DETAILS

A3.4




02-001 DUST PARTITION DETAIL
3/4" = 1'-0"




05-002 WALL STANDARD SECTION DETAILS
1-1/2" = 1'-0"

**WALL STANDARDS FIXTURES BLOCKING SCHEDULE**

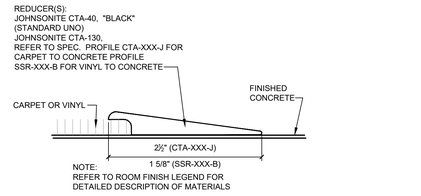
F16a **OVER EXPOSED MASONRY / CONCRETE PANEL:**
- 2" X 4" FRT CONT WOOD FURRING SPACED HORIZONTALLY UP TO 12'-0" AT 16" OC. VERTICALLY FASTENED WITH (2) 2-1/2" LONG (SHANK LENGTH) HILTI X-U FASTENERS @ 16" OC MAX
- 3/4" X 4' X 8' FRT PLYWOOD INSTALLED VERTICALLY IN A STAGGERED STACK PATTERN UP TO 12'-0" FASTENED TO WOOD FURRING WITH #10 X 2" WOOD SCREWS AT 16" OC

F16b **OVER EXISTING GYP BD SHEATHING (ON FIRE RATED WALL):**
- 2" X 4" FRT CONT WOOD FURRING SPACED HORIZONTALLY UP TO 12'-0" AT 16" OC VERTICALLY FASTENED WITH (2) #10 3" SELF-DRILLING WOOD TO METAL SCREWS @ 16" OC MAX OVER EXISTING FIRE RATED WALL W/ GYP SHEATHING
- 3/4" X 4' X 8' FRT PLYWOOD INSTALLED VERTICALLY IN A STAGGERED STACK PATTERN UP TO 12'-0" FASTENED WITH #10 X 2" WOOD SCREWS AT 16" OC TO ALIGN W/ FURRING STRIPS

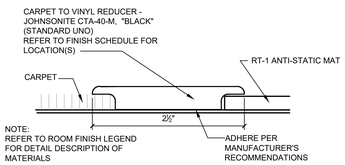
F16c **OVER EXISTING GYP BD SHEATHING (ON NON-FIRE RATED WALL):**
- NO FURRING STRIPS OVER EXISTING GYP SHEATHING
- 3/4" X 4' X 8' FRT PLYWOOD INSTALLED VERTICALLY IN A STAGGERED STACK PATTERN UP TO 12'-0" FASTENED WITH #10 X 1-5/8" SELF-DRILLING SCREWS AT 16" OC TO ALIGN W/ EXISTING METAL STUDS

F16d **IN NEW STUD WALL CONSTRUCTION:**
- NO FURRING STRIPS
- 3/4" X 4' X 8' FRT PLYWOOD INSTALLED VERTICALLY IN A STAGGERED STACK PATTERN TO 12'-0" AFF FASTENED WITH #10 X 1-5/8" SELF-DRILLING SCREWS AT 16" OC TO ALIGN W/ METAL STUDS
- 5/8" TYPE X GYP SHEATHING OVER PLYWOOD

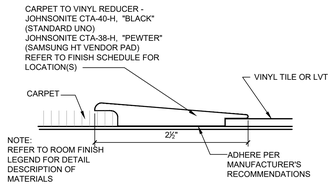
**NOTES:**
1. REFERENCE STRUCTURAL DRAWINGS FOR FURRING AND FASTENER REQUIREMENTS IN SEISMIC LOCATIONS.
2. SEE SECTION DETAILS 05-002/ADP.



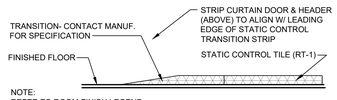

09-001 CARPET / LVT TO CONCRETE
1-1/2" = 1'-0"



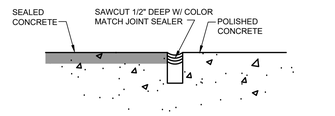

09-002 CARPET TO RT-1
1-1/2" = 1'-0"



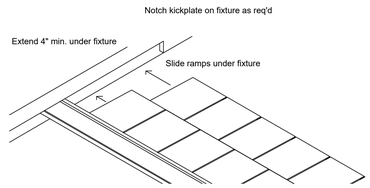

09-003 LVT TO VINYL / CONCRETE
1-1/2" = 1'-0"



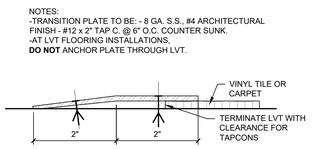

09-005 RT-1 TRANSITION
1-1/2" = 1'-0"



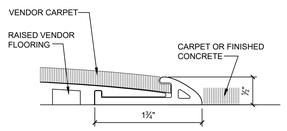

09-007 CONCRETE TRANSITION
1-1/2" = 1'-0"



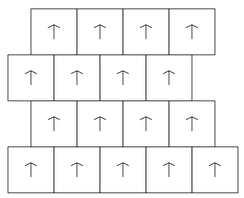

09-010 CONNECTRAC DETAIL
1-1/2" = 1'-0"



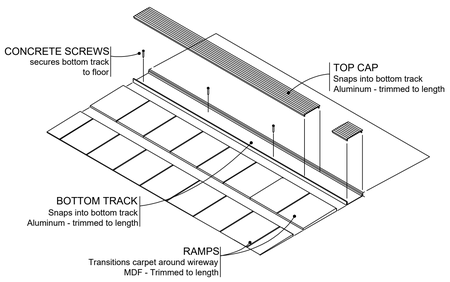

09-004 FLOORING TO CONCRETE @ IMPACT DOORS
1-1/2" = 1'-0"



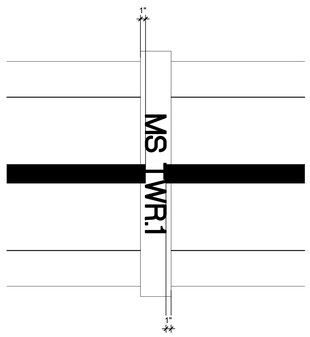

09-006 APPLE VENDOR PAD FLOORING
1-1/2" = 1'-0"



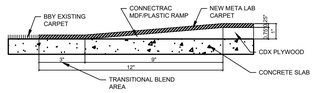
09-008 SALES FLOOR PATTERN DETAIL
1" = 1'-0"



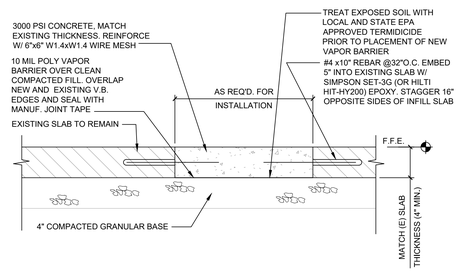

09-011 CONNECTRAC DETAIL
1" = 1'-0"



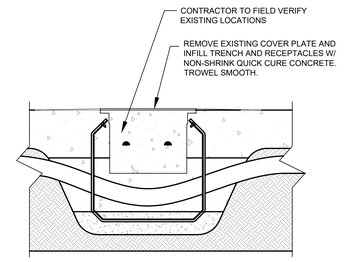

09-019 CONNECTRAC DETAIL
1" = 1'-0"




09-020 META RAISED FLOOR TRANSITION
3" = 1'-0"




26-003 SECTION @ EXISTING SLAB W/ TRENCH REMOVED
1-1/2" = 1'-0"




26-004 SECTION @ EXISTING IN-SLAB ELECTRICAL
1-1/2" = 1'-0"

MJM ARCHITECTS
2948 SIDCO DR. 615.244.8170
NASHVILLE, TN 37204 www.mjmarch.com
MJM #26363
ARCHITECT

SEAL

CONSULTANT

BEST BUY
#0504
GWINNETT
1875 PLEASANT HILL RD
DULUTH, GA 30096

BEST BUY
FY28 REFLOW

SQUARE FOOTAGE CALCULATIONS

| | |
|---|---|
| RETAIL: | 46,497 SF |
| ISC BAY: | 1,031 SF |
| SUPPORT ROOMS: | - SF |
| STORAGE/REMAINING: | 2,956 SF |
| TOTAL: | 50,484 SF |

BID/PERMIT SET

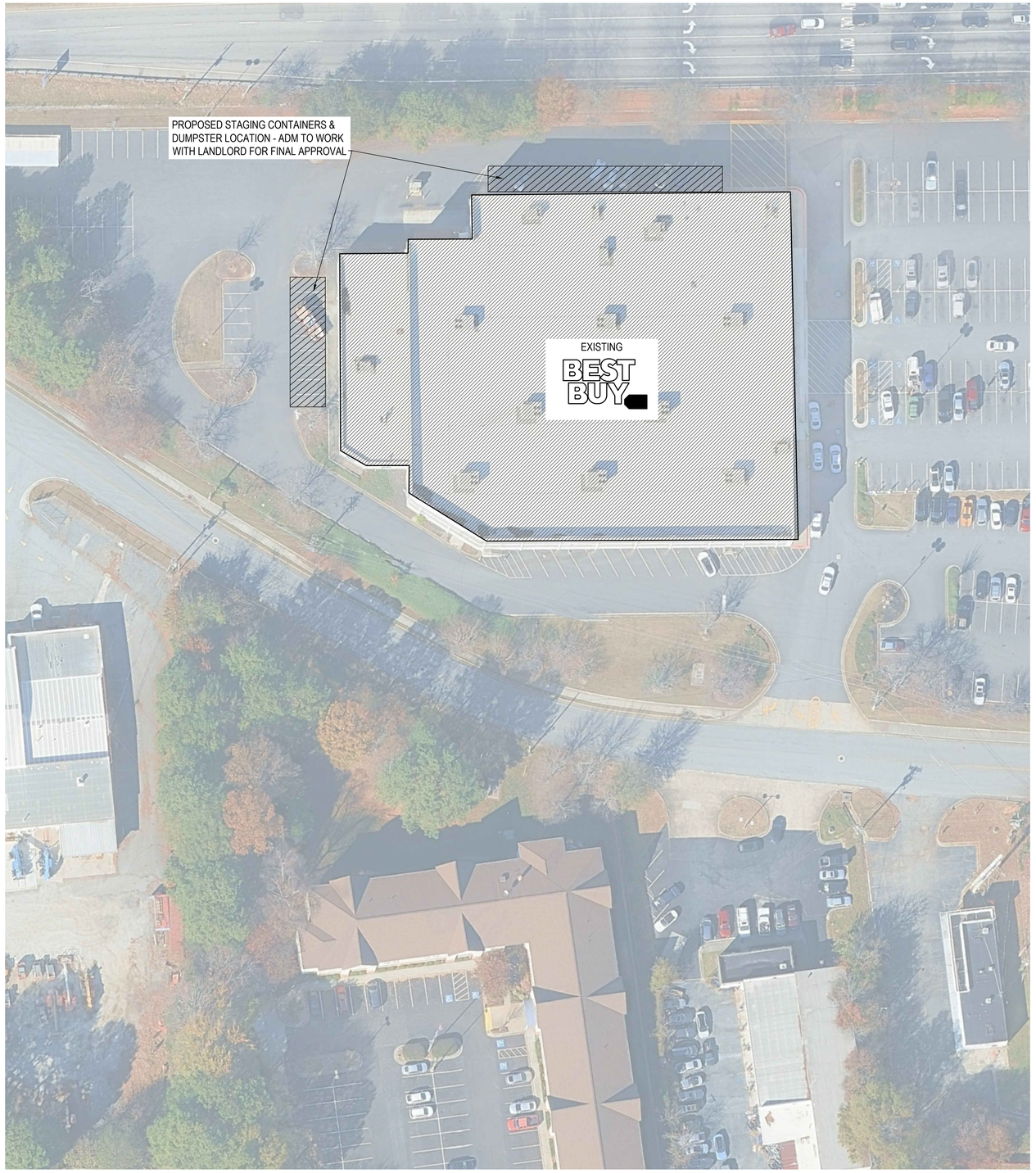
Issue Date: 10/12/2026

REVISION INFORMATION

PROTOTYPE
CONCEPT: 45K C2.1 / FORMAT: L

Drawing
ARCHITECTURAL DETAILS
(1 OF 1)

ADP




1 ARCHITECTURAL SITE PLAN
1" = 30'-0"

**GENERAL NOTES**

1. A STAGING AREA WILL BE DESIGNATED IN A BEST BUY / LANDLORD AGREED-UPON LOCATION, AND SHALL INCLUDE SPACE FOR STORAGE CONTAINERS, DUMPSTERS, TEMPORARY TRAILER, LIFTS, MATERIALS, ETC. STAGING AREA IS ANTICIPATED AS SHOWN AND SHALL BE FENCED AND SECURED BY GC.

NOTE:
SITE PLAN FOR REFERENCE ONLY.

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MJM #26363
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BID/PERMIT SET

Issue Date: 10/12/2026

REVISION INFORMATION

| | |
|---|---|
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| | |
| | |
| | |
| | |

PROTOTYPE
CONCEPT: 45K CZ.1 / FORMAT: L

Drawing
ARCHITECTURAL SITE PLAN

AS1.0

# BEST BUY #0504

## GWINNETT
## 1875 PLEASANT HILL RD
## DULUTH, GA 30096

## PROJECT DESCRIPTION

- **INTERIOR ALTERATION OF THE EXISTING BEST BUY STORE, AREA OF WORK = 20,878 SF.**
- **THE SCOPE OF WORK INCLUDES A REFLOW OF EXISTING SALES FLOOR FIXTURES, NEW SALES FLOOR DISPLAY FIXTURES, NEW FLOORING, ELECTRICAL AND LOW VOLTAGE DISCONNECTS/RECONNECTS, ADDITIONAL CIRCUITS, AND FIXTURE ANCHORING.**
- **UPDATE HANGING WAYFINDING SIGNAGE THROUGHOUT SALES FLOOR.**
- **EXISTING LIGHTING AND FIRE PROTECTION TO REMAIN.**
- **EXISTING FIRE RATED ASSEMBLIES TO BE MAINTAINED. NO CHANGE TO OCCUPANCY TYPE OR SQUARE FOOTAGE. NO EXTERIOR WORK.**
- **NO NEW PARTITIONS, WALLS, PLUMBING FIXTURES, ROOMS, ETC. AREA OF WORK IS BEING CONTAINED TO EXISTING SALES FLOOR EXTENTS ONLY.**

## BUILDING CODE DATA

CODES ANALYSIS:

I. APPLICABLE CODES:
- A. BUILDING CODE - 2024 GEORGIA STATE MINIMUM STANDARD BUILDING CODE
- B. MECHANICAL CODE - 2024 GEORGIA STATE MINIMUM STANDARD MECHANICAL CODE
- C. PLUMBING CODE - 2024 GEORGIA STATE MINIMUM STANDARD PLUMBING CODE
- D. ELECTRIC CODE - 2023 NATIONAL ELECTRICAL CODE
- E. ENERGY CODE - 2015 GEORGIA STATE MINIMUM STANDARD ENERGY CODE
- F. FIRE SAFETY CODE - 2024 GEORGIA STATE MINIMUM STANDARD FIRE CODE
- G. ACCESSIBILITY CODE - 2017 ICC/ANSI A117.1; 2010 ADA STANDARDS

II. OCCUPANCY TYPE (EXISTING - NO CHANGE TO OCCUPANCY)
- A. PRIMARY GROUP 'M' MERCANTILE

III. CONSTRUCTION TYPE (EXISTING TO REMAIN)
- A. CONSTRUCTION TYPE II-B, FULLY SPRINKLERED

IV. FIRE SUPPRESSION SYSTEM (EXISTING TO REMAIN)
- A. FULLY SPRINKLERED

V. BUILDING HEIGHT & AREA (EXISTING TO REMAIN)
- A. SQUARE FOOTAGE: 50,484 SF

VI. OCCUPANT LOAD (EXISTING - NO CHANGE TO OCCUPANCY LOAD)

VII. EXIT CAPACITY (EXISTING - NO CHANGE TO EGRESS)

VIII. ARRANGEMENTS OF EXITS (EXISTING - NO CHANGE TO EGRESS)

## GENERAL NOTES

NOTES

1. THESE DRAWINGS ARE THE PROPERTY OF BEST BUY STORES, LP. NO CHANGES TO THESE DOCUMENTS, EITHER IN WHOLE OR IN PART, MAY BE MADE WITHOUT THE KNOWLEDGE AND WRITTEN CONSENT OF THE INDIVIDUAL WHOSE NAME AND SIGNATURE APPEARS UPON THE DOCUMENTS.
2. WORK SHALL BE COMPLETED IN ACCORDANCE WITH ALL APPLICABLE CODE REQUIREMENTS AND ALL STATE AND FEDERALLY MANDATED REQUIREMENTS IN EFFECT AT THE TIME OF SUBMISSION FOR BUILDING PERMITS.
3. THE CONTRACTOR IS RESPONSIBLE FOR ALL CONSTRUCTION SAFETY AND SHALL PERFORM ALL WORK IN ACCORDANCE WITH STATE AND/OR FEDERAL SAFETY REQUIREMENTS.
4. GENERAL CONTRACTOR TO THOROUGHLY REVIEW THESE DRAWINGS, VISIT THE SITE, VERIFY ALL DIMENSIONS BEFORE SUBMITTING A BID, AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES.
5. ITEMS INDICATED AS NIC ON PLANS MAY REQUIRE SEPARATE SUBMITTALS, APPROVALS AND PERMITS.
6. EXTERIOR TENANT SIGNAGE INSTALL & PERMIT BY BBY. GC TO COORDINATE WITH BBY SIGN VENDOR.
7. FOLLOWING ITEMS INCLUDED TO BE DEFERRED SUBMITTAL:
   7.a. SPRINKLER SYSTEM
   7.b. SECURITY AND FIRE ALARM SYSTEMS
7.1. ALL DEFERRED SUBMITTALS SHALL FIRST BE SUBMITTED TO PROJECT ARCHITECT FOR REVIEW AND COORDINATION.
8. ALL EXISTING FIRE LANES TO BE MAINTAINED.
9. ALL EXISTING PUBLIC UTILITY PARKING, CROSS ACCESS, ELECTRIC EASEMENTS, ETC. SHALL BE CONFIRMED AND MAINTAINED.
10. VERIFY MINIMUM SLOPE TO DRAIN AS INDICATED ON THE DRAWINGS PRIOR TO THE START OF CONSTRUCTION. NOTIFY THE ARCHITECT IMMEDIATELY UPON DISCOVERY OF ANY DISCREPANCIES.
11. VERIFY IN FIELD, ELEVATIONS, FLOW LINES, EXISTING CONDITIONS, AND POINTS OF CONNECTION WITH SITE IMPROVEMENTS PRIOR TO THE START OF CONSTRUCTION. ANY DISCREPANCIES ARE TO BE CALLED TO THE ATTENTION OF THE ARCHITECT AND CIVIL ENGINEER BEFORE PROCEEDING WITH ANY WORK.
12. PROVIDE POSITIVE DRAINAGE OF SURFACE WATER AWAY FROM ALL BUILDINGS WITHOUT PONDING OF WATER ADJACENT TO BUILDINGS OR ON PAVEMENTS. DRAINAGE OF PAVED AND LANDSCAPED AREAS TO BE A MINIMUM OF 1%, UNLESS OTHERWISE NOTED. MAXIMUM CROSS SLOPE AT ALL WALKS SHALL BE 2% FOR DISABLED ACCESS.
13. ALL EARTH WORK TO BE PERFORMED UNDER THE OBSERVATION OF THE SOILS ENGINEER IN ACCORDANCE WITH RECOMMENDATIONS OF THE SOILS REPORT TO ASSURE PROPER SITE PREPARATION, SELECTION OF SATISFACTORY FILL MATERIALS, AND PLACEMENT AND COMPACTION OF THE FILLS.
14. REPAIR EXISTING PUBLIC FACILITIES DAMAGED DURING THE COURSE OF CONSTRUCTION TO THE SATISFACTION OF AUTHORITY HAVING JURISDICTION.
15. ALL BUILDING HEIGHTS AND ELEVATIONS SHALL BE MEASURED FROM FINISH FLOOR UNLESS OTHERWISE NOTED.
16. ENSURE ALL FINISH MATERIALS WILL BE FLUSH WITH ADJACENT SURFACES AND JOINTS, EXCEPT WHERE INDICATED OTHERWISE.
17. ALL EXPOSED FLASHING AND EXPOSED METAL TO MATCH ADJACENT FINISH.
18. PRIOR TO THE ISSUANCE OF A BUILDING PERMIT ALL APPLICABLE FEES SHALL BE PAID. THESE FEES SHALL INCLUDE, BUT NOT BE LIMITED TO, THOSE FEES REQUIRED BY CITY ORDINANCES SUCH AS TRAFFIC IMPACT FEES, NOISE FEES, PUBLIC FACILITIES FEES, FIRE IMPACT FEES, AND REGIONAL TRANSPORTATION IMPACT FEES.
19. DURING CONSTRUCTION, ACCESS SHALL BE PROVIDED TO ALL AREAS OF THE SITE COMPLETELY AROUND STRUCTURES. THE ACCESS ROAD SHALL BE 20 FEET WIDE COMPACTED 95% PAVED ROADWAY OR EQUIVALENT. EXCEPTIONS TO BE VERIFIED BY BEST BUY CONTACT.
20. GC TO COORDINATE DUMPSTER NEEDS AND EMPTY/RETURN SCHEDULE WITH BBY CPM. GC TO COMMUNICATE SCHEDULE WITH DUMPSTER VENDOR. COORDINATE W/ BBY CPM FOR SITE SPECIFIC INSTRUCTIONS.
21. ELECTRICAL PANELS, FIRE EXTINGUISHER CABINETS, ETC. LOCATED IN RATED PARTITIONS SHALL BE BACKED WITH GYP BD AS REQUIRED TO MAINTAIN RATING. CONTRACTOR TO VERIFY WALL THICKNESS REQUIRED FOR ALL ELECTRICAL PANELS, FIRE EXTINGUISHER CABINETS, ETC.
22. PROVIDE DOUBLE STUDS, BLOCKING, BRACING AND BACK-UP PLATES WHERE REQUIRED TO SUPPORT EQUIPMENT, MISCELLANEOUS ITEMS,( I.E., TYPICAL CASEWORK, CABINETS, GRAB BARS, TOILET ACCESSORIES, FIXTURES, SIGNS, HAND RAILING, ETC.) ALL WOOD BLOCKING TO BE FRT.
23. ALL COLUMN LINES INDICATED ON PLANS WILL HAVE COLUMN LINE INDICATOR BUBBLES INDICATED ON THEM. THESE BUBBLES ARE FOR REFERENCE ONLY. THE COLUMNS ARE NUMBERED ON THE STRUCTURAL DRAWINGS.
24. DO NOT SCALE DRAWINGS. IF DIMENSIONS ARE IN QUESTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING CLARIFICATION FROM THE OWNER'S REPRESENTATIVE BEFORE CONTINUING WITH CONSTRUCTION.
25. CONTRACTOR SHALL VERIFY ALL EQUIPMENT LOCATIONS AND DIMENSIONS AND REQUIRED CLEARANCES OF ALL EQUIPMENT (REFER TO DRAWINGS, SPECIFICATIONS, AND EQUIPMENT MANUALS & CUT SHEETS).
26. ALL SYMBOLS, ABBREVIATIONS, AND NOTES MARKED "TYPICAL" OR "TYP" SHALL APPLY IN ALL SIMILAR CIRCUMSTANCES, UNLESS NOTED OTHERWISE.
27. EACH CONTRACTOR SHALL LEAVE THE SITE IN A NEAT, CLEAN AND ORDERLY CONDITION UPON THE COMPLETION OF HIS WORK ON A DAILY BASIS. ALL WASTE, RUBBISH AND EXCESS MATERIALS SHALL BE REMOVED FROM THE SITE PROMPTLY. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND DISPOSAL OF ALL TRASH, INCLUDING OWNER-FURNISHED ITEMS AND TRASH GENERATED BY OWNER'S CONTRACTORS FOR THE DURATION OF THE PROJECT.
28. CONSTRUCTION HOURS ARE TO COMPLY WITH RULES AND REGULATIONS OF THE AUTHORITY HAVING JURISDICTION.
29. ALL CONSTRUCTION STAGING AND DUMPSTERS MUST REMAIN OUT OF ALL FIRE ACCESS LANES AND MUST BE FENCED.
30. FOR RELOCATIONS (WHEN APPLICABLE) GC IS RESPONSIBLE FOR COORDINATION BETWEEN FIXTURE VENDOR, ELECTRICIAN & BBY FOR RELOCATION OF FIXTURES FROM EXISTING BUILDING TO NEW LOCATION AFTER DATE OF POSSESSION.
31. REFER TO DETAIL LIBRARY PAGES FOR DETAILS REFERENCED THROUGHOUT THE DRAWINGS.

## VICINITY MAP




## ABBREVIATIONS

| | | | |
|---|---|---|---|
| **A** | | **L** | |
| A11Y | ACCESSIBLE | LAM | LAMINATED |
| ACT | ACOUSTICAL CEILING TILE | LAV | LAVATORY |
| ADJ | ADJACENT | LKR | LOCKER |
| ADMIN | ADMINISTRATION | LL | LIVE LOAD |
| AFF | ABOVE FINISHED FLOOR | LP | LOW POINT |
| AFG | ABOVE FINISHED GRADE | L.P. | LOSS PREVENTION |
| AGG | AGGREGATE | LT | LIGHT |
| AHJ | AUTHORITY HAVING JURISDICTION | LTWT | LIGHTWEIGHT |
| AL | ALUMINUM | **M** | |
| ALT | ALTERNATE/ALTERATION | MAINT | MAINTENANCE/ MAINTAIN |
| ALUM | ALUMINUM | MAS | MASONRY |
| ANOD | ANODIZED | MAT | MATERIAL |
| AOR | ARCHITECT OF RECORD | MAX | MAXIMUM |
| APM | ARCHITECTURAL PROJECT MANAGER | MDC | MAGNOLIA DESIGN CENTER |
| APPROX | APPROXIMATE | MECH | MECHANICAL |
| ARCH | ARCHITECT/ARCHITECTURAL | MEMB | MEMBRANE |
| ASPH | ASPHALT | MEZZ | MEZZANINE |
| AUX | AUXILIARY | MFR | MANUFACTURER |
| AVE | AVENUE | MHT | MAGNOLIA HOME THEATER |
| AVG | AVERAGE | MI | MUSICAL INSTRUMENT |
| **B** | | MIN | MINIMUM |
| | | MIR | MIRROR |
| BBY/BB | BEST BUY STORES, LP | MO | MASONRY OPENING |
| BC | BOTTOM OF CURB | MP | METAL PANEL |
| BD | BOARD | MT | ENTRY MATT CARPET TILE |
| BLDG | BUILDING | MTL | METAL |
| BLKG | BLOCKING | **N** | |
| BLVD | BOULEVARD | N | NORTH |
| BO | BOTTOM OF | NIC | NOT IN CONTRACT |
| BRG | BEARING | NO/ # | NUMBER |
| BTS | BUILD TO SUIT | NOM | NOMINAL |
| BTWN | BETWEEN | NSO | NEW STORE OPENING |
| **C** | | NTS | NOT TO SCALE |
| CFH | CUBIC FEET PER HOUR | **O** | |
| CJ | CONTROL JOINT | OC | ON-CENTER |
| CL | CENTER LINE | OFC | OVERFLOW DRAIN |
| CLG | CEILING | OPNG | OPENING |
| CLKG | CAULKING | OPP | OPPOSITE |
| CLR | CLEAR | P | |
| CMU | CONCRETE MASONRY UNITS | P | PECAST |
| CO | CLEAN OUT | PERF | PERFORATED |
| COL | COLUMN | PH | PHASE |
| CONC | CONCRETE | PL | PLASTIC LAMINATE |
| CONT | CONTINUOUS | PLYW | PLYWOOD |
| COORD | COORDINATE | PNL | PANEL |
| CPM | CONSTRUCTION PROJECT MANAGER | PP | PUSH PLATE |
| CTR | CENTER | PR | PAIR |
| **D** | | PT | PRESSURE TREATED |
| db | DECIBEL | PREFAB | PREFABRICATED |
| DEPT | DEPARTMENT | PTN | PARTITION |
| DET | DETAIL | PVMT | PAVEMENT |
| DF | DRINKING FOUNTAIN | **Q** | |
| DIA | DIAMETER/DIAGONAL | QTR | QUARTER |
| DIM | DIMENSION | R | |
| DN | DOWN | RAD | RADIUS |
| DSP | DOWNSPOUT | RB | RUBBER-BASE |
| DWGS | DRAWINGS | RCP | REFLECTED CEILING PLAN |
| **E** | | RD | ROOF DRAIN |
| EA | EACH | RECEP | RECEPTION |
| ETC | ETCETERA | RECEPT | RECEPTACLE |
| EIFS | EXTERIOR INSULATION & FINISH SYSTEM | RECT | RECTANGULAR |
| EJ | EXPANSION JOINT | REINF | REINFORCED |
| EL | ELEVATION | REQD | REQUIRED |
| ELEC | ELECTRICAL | RES | RESILIENT |
| EMERG | EMERGENCY | REV | REVISION |
| EP | ELECTRICAL PANELBOARD/ END PANEL | RM | ROOM |
| EQ | EQUAL | RO | ROUGH OPENING |
| EXST (E) | EXISTING TO REMAIN | ROW | RIGHT OF WAY |
| EXT | EXTERIOR | RWL | RAINWATER LEADER |
| **F** | | S | |
| | | SAN | SANITARY |
| FC | FOOT CANDLES | SC | SOLID CORE |
| FOIC | FURNISHED BY CONTRACTOR INSTALLED BY CONTRACTOR | SCD | SCHEDULE |
| FD | FLOOR DRAIN | SECT | SECTION |
| FDC | FIRE DEPT CONNECTION | SF | SQUARE FEET |
| FDN | FOUNDATION | SHT | SHEET |
| FE | FIRE EXTINGUISHER | SIM | SIMILAR |
| FEC | FIRE EXTINGUISHER CABINET | SPEC | SPECIFICATION |
| FFE | FINISH FLOOR ELEVATION | SQ | SQUARE |
| FIN | FINISH | SS | SERVICE SINK |
| FL | FLOOR | SST | STAINLESS STEEL |
| FM | FROM/ FACTORY MUTUAL RESEARCH CORP | ST | STONE |
| FO | FACE OF | STD | STANDARD |
| FOIC | FURNISHED BY OWNER, INSTALLED BY CONTRACTOR | STL | STEEL |
| FOIO | FURNISHED BY OWNER, INSTALLED BY OWNER | STOR | STORAGE |
| FRP | FIBER-REINFORCED PLASTIC | SURF | SURFACE |
| FRT | FIRE RETARDANT TREATED | SUSP | SUSPENDED |
| FT | FOOT OR FEET | SYM | SYMMETRICAL |
| FTG | FOOTING | T | |
| FURN | FURNACE/FURNISH | TBD | TO BE DETERMINED |
| FURR | FURRING | TEL | TELEPHONE |
| **G** | | TEMP | TEMPORARY |
| | | THK | THICK |
| GA | GAUGE | THR | THRESHOLD |
| GALV | GALVANIZED | TO | TOP OF |
| GB | GRAB BAR | TOIL | TOILET |
| GC | GENERAL CONTRACTOR | TOL | TOLERANCE |
| GL | GLASS | TYP | TYPICAL |
| GYP | GYPSUM | U | |
| **H** | | UBC | UNIFORM BUILDING CODE |
| | | UNFIN | UNFINISHED |
| H | HIGH | UNO | UNLESS NOTED OTHERWISZE |
| HB | HOSE BIB | V | |
| HC | HOLLOW-CORE WOOD | VAR | VARIES |
| HM | HOLLOW METAL | VEN | VENDOR |
| HORIZ | HORIZONTAL | VERT | VERTICAL |
| **I** | | VIF | VERIFY IN FIELD |
| INSUL | INSULATION | VOL | VOLUME |
| INTI | INTERIOR | VCT | VINYL COMPOSITE TILE |
| ISC | INSTALLATION SERVICE CENTER | W | |
| **J** | | W | WATT |
| | | W/O | WITHOUT |
| JAN | JANITOR | W/ | WITH |
| JST | JOIST | WAIN | WAINSCOT |
| JT | JOINT | WC | WATER CLOSET |
| **K** | | WD | WOOD |
| | | WH | WATER HEATER |
| KD | KNOCK DOWN | | |
| KO | KNOCKOUT | | |
| KP | KICK PLATE | | |

## INDEX TO SHEETS

| DWG # | DRAWING DESCRIPTION | BID / PERMIT |
|---|---|---|
| | **COVER** | |
| CS1.0 | COVER SHEET | X |
| | **ARCHITECTURAL** | |
| AS1.0 | ARCHITECTURAL SITE PLAN | X |
| D1.0 | DEMOLITION FLOOR PLAN | X |
| LS1.0 | LIFE SAFETY PLAN & ACCESSIBILITY DETAILS | X |
| A3.0 | FINISH FLOOR PLAN | X |
| A3.2 | OVER THE FLOOR WIREWAY PLAN | X |
| A3.4 | VENDOR PAD DETAILS | X |
| ADP | ARCHITECTURAL DETAILS | X |
| | **FIXTURE PLANS** | |
| F1.0 | FIXTURE PLAN | X |
| F1.1 | FIXTURE LEGEND | X |
| F2.0 | FIXTURE SIGN PLAN | X |
| F4.0 | FIXTURE EXTENSION PLAN | X |
| F5.0 | FIXTURE EXTENSION DETAILS | X |
| | **ELECTRICAL** | |
| E1.0 | ELECTRICAL POWER PLAN | X |
| E1.1 | VENDOR PAD POWER PLAN | X |
| E1.2 | VENDOR PAD POWER PLAN | X |
| E3.0 | PANELBOARD SCHEDULES & RISER | X |
| E4.0 | ELECTRICAL DETAILS | X |
| E5.0 | ELECTRICAL SPECIFICATIONS | X |

## NATIONAL ACCOUNT VENDORS

**REQUIRED** NATIONAL ACCOUNT VENDORS

**ELECTRICAL WIREMOLD & CONNECTRAC**

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**LEGRAND**
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**FIXTURE CONTRACTOR**

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**DISPLAY MAX**
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E. *CKARR@DISPLAYMAXINC.COM*

**FINAL PHASE CONSTRUCTION**
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**MERCHCO**
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**QUEST SERVICES GROUP**
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**RAPID FIX**
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TAYLOR BROTHERS
CONTACT: JOSHUA IMLAY
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E. *ANDY.LEIVISKA@WOLFRENOVATION.COM*

MNI
CONTACT: MARY RIESGRAF HOLT
P. (323) 496-6818
E. *MARY.R@MNIINC.COM*

**FLOORING: (AS INDICATED ON DRAWINGS)**

**AHF PRODUCTS (ARMSTRONG FLOORING)**
CONTACT: LIEN CHU
P. (202) 253-2088
E. *LIEN.CHU@AHFPRODUCTS.COM*

**MATWORKS**
CONTACT: DAVID WATTERSON JR
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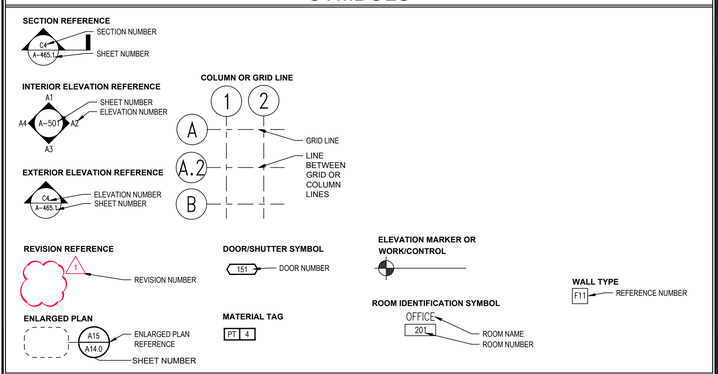
## RESPONBIBILTY SCHEDULES

| RESPONSIBILITY SCHEDULE | | | |
|---|---|---|---|
| | ITEM / DESCRIPTION | RESPONSIBILITY | |
| | | FURNISH | INSTALL |
| **SITE SPECIFIC SCOPE OF WORK** | | | |
| FRONT OF HOUSE - SUPPORT | | | |
| STORE FIXTURES - SELECT FROM LIST | REFER TO REQUIRED FIXTURE INSTALLER LIST (THIS SHEET) | BB | GC/VEN |
| INTERIOR SIGNAGE | | | |
| WAYFINDING | | BB | GC |
| WALL MOUNTED | | BB | GC |
| SUSPENDED | | BB | GC |
| KEY | | | |
| BB = BEST BUY | | | |
| GC = GENERAL CONTRACTOR | | | |
| VEN = VENDOR | | | |

THE "RESPONSIBILITY SCHEDULE" ENDEAVORS TO IDENTIFY WORK ITEMS THAT MAY REQUIRE EXTRA COORDINATION. GENERAL CONTRACTOR SHALL IDENTIFY THESE ITEMS IN THE DRAWINGS AND SPECIFICATIONS, AND TAKE STEPS TO ENSURE THAT THEY ARE FURNISHED AND INSTALLED AT THE LOCATIONS INDICATED ON THE DRAWINGS AT THE APPROPRIATE TIME IN THE CONSTRUCTION SCHEDULE. THIS LIST IS BY NO MEANS EXHAUSTIVE. GENERAL CONTRACTOR SHALL UTILIZE STANDARD OF CARE ON ITEMS IN THE DRAWINGS AND SPECIFICATIONS NOT SPECIFICALLY CALLED OUT IN THIS SCHEDULE.

| RESPONSIBILITY SCHEDULE FOR VENDOR PAD FLOORING | | | |
|---|---|---|---|
| VENDOR | ITEM / DESCRIPTION | RESPONSIBILITY | |
| | | FURNISH | INSTALL |
| APPLE SHOP | | | |
| FLOORING / FLOORING TRANSITION AS REQUIRED | VENDOR PROVIDES, VENDOR INSTALLS | VENDOR | VENDOR |
| FLOOR ELECTRICAL DISTRIBUTION | STEELCASE THREAD TO PAD | GC | GC |
| | ELECTRICAL DISTRIBUTION WITHIN PAD | VENDOR | GC |
| MICROSOFT VENDOR PAD | | | |
| FLOORING / FLOORING TRANSITION AS REQUIRED | PER PLANS | VENDOR | GC |
| FLOOR ELECTRICAL DISTRIBUTION | PER PLANS | GC | GC |
| SAMSUNG MOBILITY (PINBALL) | | | |
| FLOORING / FLOORING TRANSITION AS REQUIRED | PER PLANS | VENDOR | GC |
| FLOOR ELECTRICAL DISTRIBUTION | PER PLANS | VENDOR | GC |

## SYMBOLS




## PROJECT TEAM

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**GENERAL CONTRACTOR**
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BEST BUY
FY28 REFLOW

SQUARE FOOTAGE CALCULATIONS

| | |
|---|---|
| RETAIL: | 46,497 SF |
| ISC BAY: | 1,031 SF |
| SUPPORT ROOMS: | - SF |
| STORAGE/REMAINING: | 2,956 SF |
| TOTAL: | 50,484 SF |

BID/PERMIT SET

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REVISION INFORMATION

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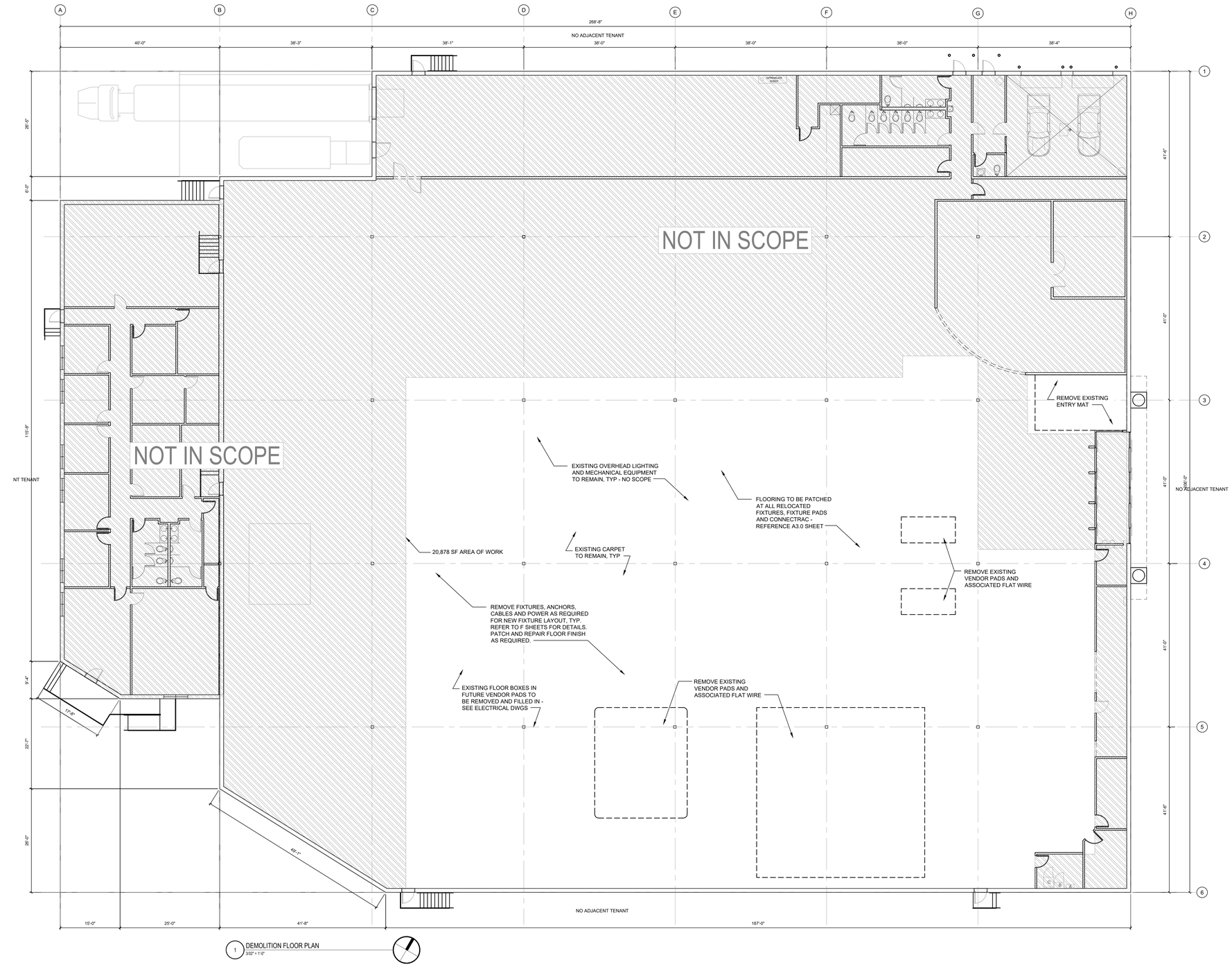
PROTOTYPE

CONCEPT: 45K C2.1 / FORMAT: L

Drawing

COVER SHEET

CS1.0




1 DEMOLITION FLOOR PLAN
3/32" = 1'-0"

## GENERAL NOTES

1. NO DEMOLITION MATERIALS SHALL BE DISPOSED OF ON-SITE. ALL DEBRIS SHALL BE HAULED OFF-SITE TO A RECYCLING AREA APPROVED BY THE LOCAL JURISDICTION FOR THE HANDLING OF DEMOLITION DEBRIS. CONDUCT DEMOLITION OPERATIONS AND REMOVE DEBRIS TO ENSURE MINIMAL INTERFERENCE WITH ROADS, STREETS, WALKS AND OTHER ADJACENT OCCUPIED AND USED FACILITIES. DEBRIS SHALL BE REMOVED FROM THE SITE DAILY.
2. ALL EXISTING CONSTRUCTION NOT IDENTIFIED FOR DEMOLITION SHALL BE PROTECTED FROM DAMAGE DURING ALL PHASES OF CONSTRUCTION. ANY EXISTING STRUCTURES DAMAGED DURING DEMOLITION THAT ARE TO REMAIN SHALL BE REPAIRED BY THE CONTRACTOR TO A CONDITION EQUAL TO OR BETTER THAN THE EXISTING CONDITION AT NO ADDITIONAL COST.
3. ON COMPLETION OF THE PROJECT, CONTRACTOR SHALL CLEAN ALL SURFACES AND LEAVE THE WORK IN A CLEAN CONDITION.
4. MATERIALS SHOWN TO BE REMOVED AND NOT REINSTALLED OR SALVAGED SHALL BE REMOVED FROM THE SITE UNLESS NOTED OTHERWISE.
5. ALONG THE EXTERIOR OF THE BUILDING THE CONTRACTOR SHALL PROVIDE BARRIER PROTECTION FOR THE SAFETY OF THE PUBLIC CONFORMING WITH LOCAL ORDINANCES.
6. DEMOLITION PROCESS INVOLVING EXCESSIVE NOISE SHALL BE COORDINATED WITH LANDLORD AND DEVELOPMENT MANAGER SO AS NOT TO INTERFERE WITH EXISTING TENANTS SCHEDULES.
7. REFER TO ROOF PLAN FOR ROOF SPECIFIC ITEMS.
8. SHOULD ANY UNUSUAL OR UNEXPECTED CONDITIONS BE ENCOUNTERED DURING THE COURSE OF DEMOLITION, CONTRACTOR SHALL CEASE WORK AND NOTIFY ARCHITECT, CPM AND APM BY PHONE IMMEDIATELY.
9. ALL SERVICE AND UTILITIES TO REMAIN MUST BE MAINTAINED WITHOUT INTERRUPTION DURING DEMOLITION. IF SERVICE NEEDS TO BE INTERRUPTED, SCHEDULE OF WORK MUST BE REVIEWED AND APPROVED BY LANDLORD AND OWNER.
10. MAINTAIN ALL EXISTING FIRE AND LIFE SAFETY SYSTEMS DURING DEMOLITION, FIRE PROOF ALL AFFECTED AREAS OF DEMOLITION WHERE EXISTING FIRE PROOFING HAS BEEN REMOVED WITH NEW TO MATCH EXISTING.
11. ALL CONTROLS, SIGNALS AND OTHER ITEMS WHICH ARE NOT TO BE DEMOLISHED AND ARE LOCATED ON SURFACES WHICH ARE TO RECEIVE A NEW FINISH MATERIAL SHALL BE REMOVED AND REINSTALLED TO BE IN PLANE WITH THE NEW WALL SURFACE.
12. REFER TO MEP DRAWINGS FOR ALL MEP BEING REMOVED, RELOCATED OR ABANDONED. CUT AND PATCH ASSEMBLY AS REQUIRED FOR ALL NEW MEP. CAP ABANDONED MEP AT NEAREST POINT.
13. SUBMIT WRITTEN REQUEST IN ADVANCE OF CUTTING OR ALTERING ELEMENTS WHICH AFFECT:
    13.1. STRUCTURAL INTEGRITY OF ELEMENT
    13.2. INTEGRITY OF WEATHER EXPOSED OR MOISTURE RESISTANT ELEMENTS
14. ALL EXISTING ATTIC STOCK OF FLOORING MATERIALS TO BE DISPOSED OF DURING DEMOLITION. DONATE OR RECYCLE MATERIALS AS POSSIBLE.
15. ALL EXISTING VCT GLUE TO BE REMOVED TO CONCRETE.
16. THESE DRAWINGS DO NOT CONTAIN ANY INFORMATION REGARDING CONSTRUCTION SAFETY OR BRACING AND SHORING DURING DEMOLITION AND CONSTRUCTION. GC SHALL DESIGN, ENGINEER, AND PROVIDE TEMPORARY SHORING AND BRACING AS REQUIRED DURING DEMOLITION AND CONSTRUCTION TO SUPPORT EXISTING BUILDING, STRUCTURE, AND ELEMENTS SHOWN TO REMAIN. GC SHALL PROVIDED SIGNED AND SEALED SHORING DRAWINGS TO AUTHORITY HAVING JURISDICTION, AS REQUIRED.
17. DUST PARTITION CONTINUOUS FROM FLOOR TO DECK, CONSISTING OF FIRE RETARDANT SHEETING ATTACHED TO THE ROOF STRUCTURE OR CEILING WITH A 2x RUNNER. PARTITION TO BE TIGHT TO DECK (WORK AROUND STRUCTURE AS REQUIRED) & TO EXTEND TO THE FLOOR, ANCHORED W/ A DOUBLE 2X. DO NOT ATTACH PARTITION TO FLOOR. INSTALL PARTITIONS SO THAT THEY CAN BE ALTERNATELY RAISED & LOWERED AS REQUIRED, TO ALLOW BOTH ACCESS THROUGH CONSTRUCTION ZONE DURING BUSINESS, AND TO PREVENT DUST MIGRATION INTO SALES FLOOR WHILE CONSTRUCTION IS UNDERWAY. PATCH & REPAIR CEILINGS AS REQUIRED ONCE PARTITIONS ARE REMOVED. REFER TO DETAIL 02-001/ADP. INSTALL DUST PARTITIONS IN A MANNER THAT MAINTAINS ACCESS TO PATHS OF EGRESS.
18. GC TO PHASE DEMOLITION IN ORDER TO PROVIDE PHYSICAL, SECURE BARRIER AT ALL TIMES WHEN ENVELOPE OF BUILDING IS COMPROMISED. BARRIER TO BE WEATHER TIGHT TO MINIMIZE HVAC COOLING LOSSES AND SECURE FOR LOSS PREVENTION.

## DEMOLITION LEGEND

- DEMOLITION OF PORTION OF EXTERIOR WALL
- DEMOLITION CONCRETE SLAB / SIDEWALK
- EXISTING CONSTRUCTION AND STRUCTURAL ELEMENTS TO REMAIN.
- EXISTING DOOR TO REMAIN.
- DEMOLITION LINE OF WALLS, DOORS & FLOORING

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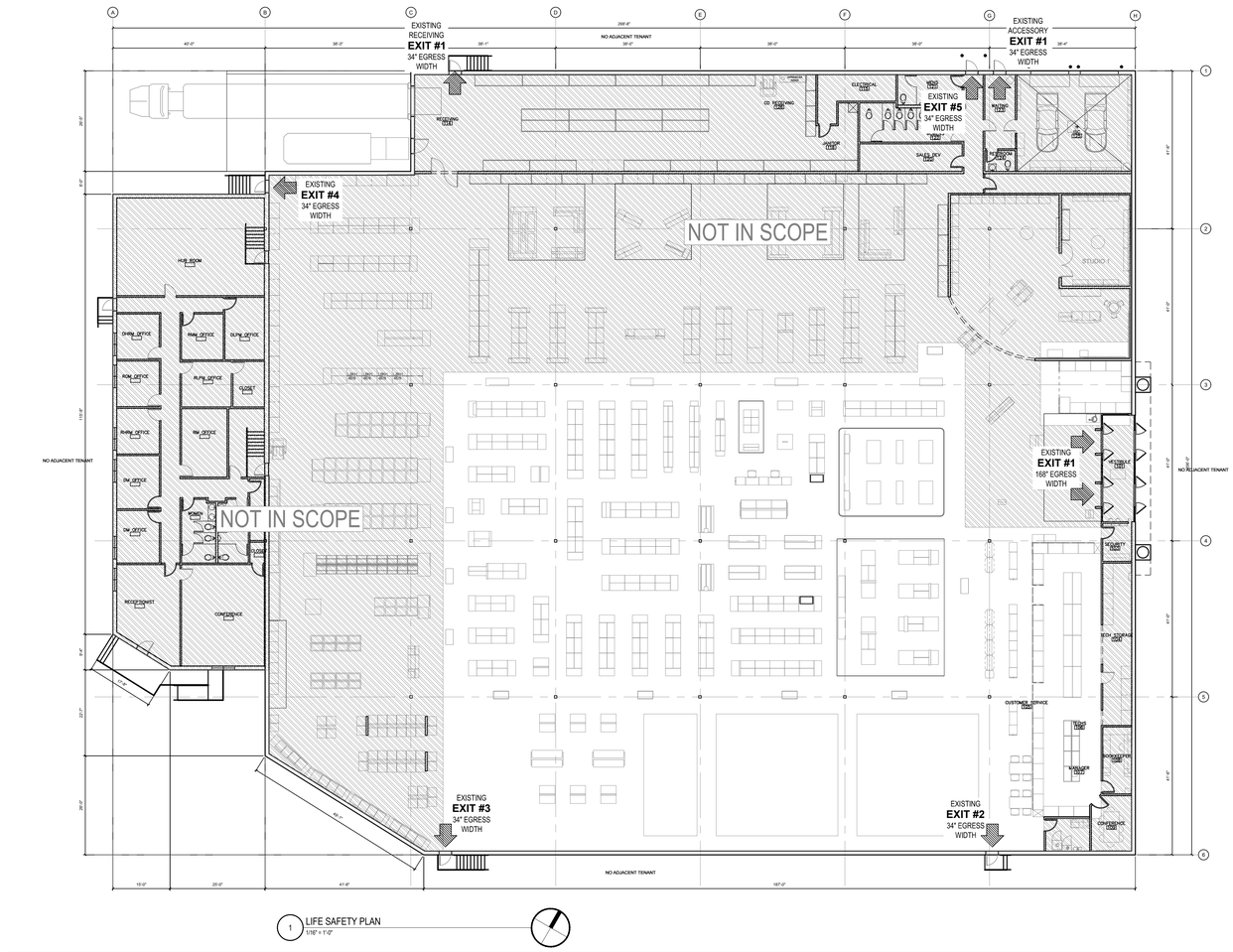
PROTOTYPE

CONCEPT: 45K C2.1 / FORMAT: L

Drawing

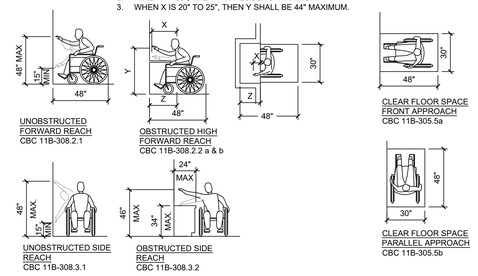
DEMOLITION FLOOR PLAN

D1.0

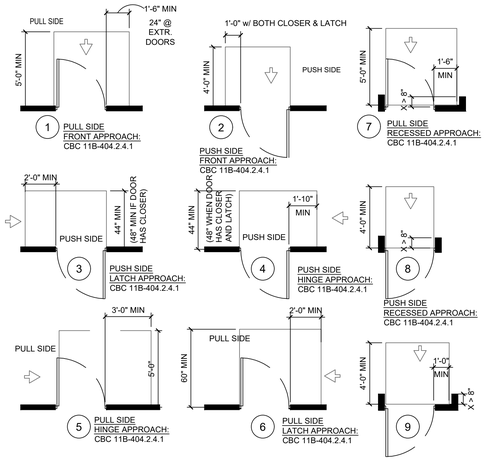



1 LIFE SAFETY PLAN
1/16" = 1'-0"

NOTES:
1. X SHALL BE < 25", Z SHALL BE > X.
2. WHEN X < 20", THEN Y SHALL BE 48" MAXIMUM.
3. WHEN X IS 20" TO 25", THEN Y SHALL BE 44" MAXIMUM.




2 ACCESSIBILITY DETAILS (REACH AND CLEARANCE)
1/4" = 1'-0"




3 ACCESSIBILITY DETAILS (DOORS)
1/4" = 1'-0"

## ACCESSIBLE REACH & CLEARANCE NOTES

1. ACCESSIBLE COUNTERS, SHELVING, ETC SHALL BE PROVIDED IN EMPLOYEE COMMON AREAS. COUNTERS SHALL BE INSTALLED 34" AFF AND SHALL INCLUDE KNEE SPACES AND ALSO COMPLY WITH REACH RANGE REQUIREMENTS AS INDICATED.

2. THE QUANTITY OF ACCESSIBLE CHECK STANDS AND SERVICE COUNTERS SHALL BE PROVIDED AS REQUIRED BY CODE. THEY SHALL BE ACCESSIBLE ON CUSTOMER SIDE AND SHALL INCLUDE THE FOLLOWING:

   2.1. MINIMUM 36" WIDE AISLE ON CUSTOMER SIDE (2025 CBC 11B-904.3)
   2.2. MAXIMUM CHECK-OUT AISLE COUNTER HEIGHT 38" AFF, MAXIMUM CHECK-OUT AISLE COUNTER LIP 2" ABOVE COUNTER HEIGHT MAX. (2025 CBC 11B-904.3.2)
   2.3. MAXIMUM SALES & SERVICE COUNTER HEIGHT/ MAXIMUM WORK SURFACE HEIGHT 34" AFF CUSTOMER SIDE PARALLEL APPROACH (2025 CBC 11B-904.4.1) : A PORTION OF THE COUNTER OF THE SAME DEPTH & 36" LONG & OF THE SAME DEPTH AS THE REST OF THE COUNTER, MUST BE PROVIDED AT 34" AFF W/ APPROPRIATE CLEAR FLOOR SPACE FOR PARALLEL APPROACH TO 36" SEGMENT OF COUNTER (IF THE ENTIRE COUNTER IS LESS THAN 36" LONG, THE ENTIRE COUNTER MUST BE NO MORE THAN 34" AFF.)
   2.4. WHEN NOT ALL CHECK-OUT AISLES ARE ACCESSIBLE, ACCESSIBLE CHECK-OUT AISLES MUST BE CLEARLY IDENTIFIED BY A SIGN CLEARLY VISIBLE TO A PERSON USING A MOBILITY DEVICE DISPLAYING THE INTERNATIONAL SYMBOL OF ACCESSIBILITY. REFER TO 5/LS1.0 FOR DETAILS. (2025 CBC 1B-904.3.4)
   2.5. WHERE PROVIDED, AT LEAST ONE OF EACH TYPE OF SALES COUNTER AND SERVICE COUNTER SHALL COMPLY WITH SECTION 11B-904.4. WHERE COUNTERS ARE DISPERSED THROUGHOUT THE BUILDING OR FACILITY, COUNTERS COMPLYING WITH SECTION11B-904.4 ALSO SHALL BE DISPERSED. (2025 CBC 11B-227.3)

## DOOR ACCESSIBILITY NOTES

1. DOOR OPENINGS SHALL PROVIDE A CLEAR WIDTH OF 32 INCHES MINIMUM. CLEAR OPENINGS OF DOORWAYS WITH SWINGING DOORS SHALL BE MEASURED BETWEEN THE FACE OF THE DOOR AND THE STOP, WITH THE DOOR OPEN 90 DEGREES. OPENINGS MORE THAN 24 INCHES DEEP SHALL PROVIDE A CLEAR OPENING OF 36 INCHES MINIMUM. THERE SHALL BE NO PROJECTIONS INTO THE REQUIRED CLEAR OPENING WIDTH LOWER THAN 34 INCHES ABOVE THE FINISH FLOOR OR GROUND. PROJECTIONS INTO THE CLEAR OPENING WIDTH BETWEEN 34 INCHES AND 80 INCHES ABOVE THE FINISH FLOOR OR GROUND SHALL NOT EXCEED 4 INCHES. (2025 CBC 11B-404.2.3)

   1.1. EXCEPTIONS: IN ALTERATIONS, A PROJECTION OF 5/8 INCH (16 MM) MAXIMUM INTO THE REQUIRED CLEAR WIDTH SHALL BE PERMITTED FOR THE LATCH SIDE STOP.
   1.2. DOOR CLOSERS AND DOOR STOPS TO BE 78 INCHES (1980 MM) MINIMUM ABOVE THE FINISH FLOOR OR GROUND.

2. MINIMUM MANEUVERING CLEARANCES AT DOORS AND GATES SHALL COMPLY WITH TABLE IIB- 404.2.4.1. MANEUVERING CLEARANCES SHALL EXTEND THE FULL WIDTH OF THE DOORWAY AND THE REQUIRED LATCH SIDE OR HINGE SIDE CLEARANCE. (2025 CBC 11B-404.2.4)

3. THRESHOLDS, IF PROVIDED AT DOORWAYS, SHALL BE 1/2 INCH HIGH MAXIMUM. RAISED THRESHOLDS AND CHANGES IN LEVEL AT DOORWAYS SHALL COMPLY WITH 2025 CBC SECTIONS 11B-302 & 303.

4. DOOR CLOSERS AND GATE CLOSERS SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 90 DEGREES, THE TIME REQUIRED TO MOVE THE DOOR TO A POSITION OF 12 DEGREES FROM THE LATCH IS 5 SECONDS MINIMUM. (2025 CBC 11B-404.2.8.1)

5. FIRE DOORS SHALL HAVE A MINIMUM OPENING FORCE ALLOWABLE BY THE APPROPRIATE ADMINISTRATIVE AUTHORITY. THE FORCE FOR PUSHING OR PULLING OPEN A DOOR OR GATE OTHER THAN FIRE DOORS SHALL BE AS FOLLOWS: INTERIOR HINGED DOORS AND GATES: 5 POUNDS MAXIMUM.

   5.1. SLIDING OR FOLDING DOORS: 5 POUNDS MAXIMUM.

THESE FORCES DO NOT APPLY TO THE FORCE REQUIRED TO RETRACT LATCH BOLTS OR DISENGAGE OTHER DEVICES THAT HOLD THE DOOR OR GATE IN A CLOSED POSITION. (2025 CBC 11B-404.2.9)

CONTROL & DEVICE ACCESSIBILITY:

1. A CLEAR FLOOR OR GROUND SPACE COMPLYING WITH 2025 CBC SECTION 11B-305 SHALL BE PROVIDED. (2025 CBC 11B-309.2)

2. OPERABLE PARTS SHALL BE PLACED 34" MIN / 44" MAX SPECIFIED IN 2025 CBC 11B-308. (2025 CBC 11B-309.3) REFER TO LS1.0.

3. OPERABLE PARTS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL BE 5 POUNDS MAXIMUM. (2025 CBC 11B-309.4 )

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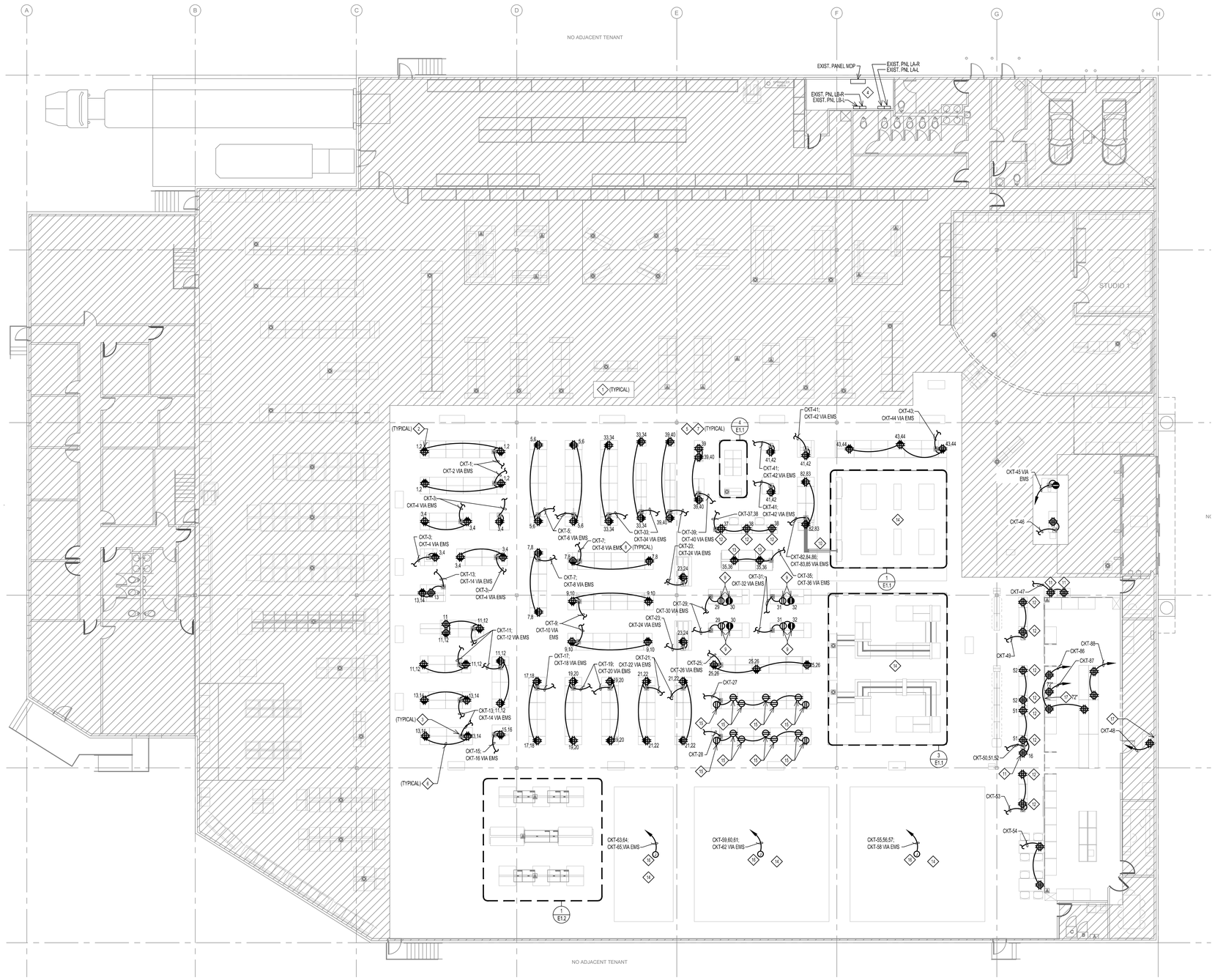
Issue Date: 10/12/2026

REVISION INFORMATION

PROTOTYPE
CONCEPT: 45K C2.1 / FORMAT: L

Drawing
LIFE SAFETY PLAN & ACCESSIBILITY DETAILS

LS1.0




1 ELECTRICAL POWER PLAN
3/32" = 1'-0"

## GENERAL NOTES

1. DEVICES AND JUNCTION BOXES SHALL BE RECESSED AND CONDUITS AND WIRES CONCEALED UNLESS OTHERWISE APPROVED BY BEST BUY. NO EXCEPTIONS.
2. CONDUITS, RACEWAYS, ELECTRICAL DUCTS & BOXES AND EXPOSED LOW VOLTAGE WIRE SHALL BE RUN TRUE, PLUMB AND SQUARE TO THE BUILDING AND TIGHTLY WRAPPED OR FASTENED TO STRUCTURE WITH COLOR MATCHING WRAPS. LOW VOLTAGE RUNS OR EXPOSED WIRE MUST BE HIDDEN FROM VIEW AND TIE WRAPPED TO THE STRUCTURE. TIE WRAPS MUST BE UNIFORMLY SPACED WITH ENOUGH WRAPS TO PREVENT WIRE FROM SAGGING. UNDER NO CIRCUMSTANCES CAN EXPOSED WIRE BE RUN IN FREE AIR OR DIAGONALLY.
3. ELECTRICAL BOXES ON OPPOSITE SIDES OF FIRE RATED WALL SHALL BE SEPARATED BY A MINIMUM OF 24".
4. USE PLENUM RATED CABLE, CONDUIT, BOXES, ETC. IN AIR PLENUM WALLS AND CEILINGS. ALL PENETRATIONS OF FIRE RATED WALLS ARE TO BE COMPLETELY FIRE SEALED.
5. RUN ELECTRICAL EQUIPMENT, CONDUIT AND WIRING ABOVE BOTTOM OF JOISTS AND AS TIGHT TO THE DECK AS POSSIBLE, COORDINATE THIS WORK WITH OTHER TRADES BEFORE PROCEEDING.
6. BRANCH CIRCUIT CONDUCTORS SHALL BE IDENTIFIED AT JUNCTIONS, DEVICES, SPLICES AND TERMINATIONS. WHEN A NEUTRAL CONDUCTOR IS REQUIRED, THE NEUTRAL CONDUCTOR SHALL BE IDENTIFIED WITH CORRESPONDING PHASE CONDUCTOR WHICH FORMS THE BRANCH CIRCUIT.
7. HOMERUNS SHALL BE 1/2" MINIMUM CONDUIT SIZE UNLESS OTHERWISE NOTED.
8. OUTLET HEIGHTS WILL BE TO CENTER OF OUTLET, UNLESS OTHERWISE NOTED.
9. DO NOT SCALE FROM THIS PLAN.
10. COORDINATE ALL CONDUIT AND BOX INSTALLATIONS ON COLUMNS WITH GENERAL CONTRACTOR BEFORE ROUGH-IN.
11. ALL RECEPTACLES SHALL BE 20 AMP, UNLESS OTHERWISE NOTED.
12. WHERE UNGROUNDED CONDUCTORS ARE INCREASED IN SIZE, EQUIPMENT GROUND CONDUCTORS, WHERE INSTALLED, SHALL BE INCREASED IN SIZE PROPORTIONATELY ACCORDING TO CIRCULAR MIL AREA OF THE UNGROUNDED CONDUCTORS.
13. PROVIDE BRUSHED STAINLESS STEEL WALL COVER PLATES UNLESS NOTED OTHERWISE.
14. CONTRACTOR TO ACCOUNT FOR VOLTAGE DROP WHEN PROVIDING NEW OR REUSING EXISTING BRANCH CIRCUITING. VOLTAGE DROP TO BE BASED ON LOADS SHOWN IN PANEL SCHEDULES.
15. CONTRACTOR TO VERIFY IF CIRCUITS ARE CONTROLLED OR UNSWITCHED VIA EMS PRIOR TO RE-USE FOR GONDOLA POWER.
16. PROVIDE HANDLE TIE AT BREAKER FOR SHARED NEUTRAL CIRCUITS.
17. FIELD VERIFY EXISTING CONTACTORS AND PROVIDE NEW/ADDITIONAL CONTACTORS AS REQUIRED TO MEET CONTROL REQUIREMENTS AS CALLED OUT ON PLANS. (EMS CIRCUIT)

## KEYED NOTES

1. ELECTRICAL IN HATCHED AREA IS EXISTING TO REMAIN. MAINTAIN EXISTING CONNECTIONS UNLESS OTHERWISE NOTED.
2. REFER TO SYMBOLS LEGEND ON SHEET E3.0 FOR RECEPTACLE REQUIREMENTS.
3. FIXTURE EXTENSION FROM JOIST SPACE DOWN TO DISPLAY FIXTURE WITH PULL LINE. BEST BUY SPECIFIED FIXTURE EXTENSION SHALL BE FURNISHED AND INSTALLED BY OTHERS. BOND FIXTURE EXTENSION TO BUILDING STEEL. SEE DETAIL 3/E4.0.
4. EXISTING PANEL LOCATION. REFER TO RISER DIAGRAM 1/E3.0.
5. ELECTRICAL CONTRACTOR TO LOCATE EXISTING SPARE CIRCUITS AT DECK AND EXTEND TO NEW LOCATIONS IN QUANTITIES AS SHOWN. SEE GENERAL NOTES FOR ADDITIONAL INFORMATION ON RE-USE OF EXISTING CIRCUITS. PROVIDE NEW CIRCUITS AS REQUIRED FROM NEAREST EXISTING PANELS. CIRCUIT NUMBERS SHOWN FOR REFERENCE. MAINTAIN ACCURATE AS BUILT DRAWINGS.
6. MC CABLE OR EMT AS ALLOWED BY AUTHORITY HAVING JURISDICTION.
7. EXISTING SALES FLOOR GONDOLAS BEING REARRANGED IN NOTED AREAS. RE-USE EXISTING FIXTURE LEVEL DEVICES AND RECONNECT TO OVERHEAD FEED AT NEW LOCATION. RE-DISTRIBUTE NEARBY EXISTING OVERHEAD CIRCUITS AND EXTEND TO NEW LOCATION AS REQUIRED. CIRCUIT NUMBERS SHOWN FOR REFERENCE. MAINTAIN ACCURATE AS BUILT DRAWINGS.
8. ROUTE CIRCUIT THROUGH NEW CONTACTOR LOCATED IN JOIST SPACE AS REQUIRED. CONTROL CONTACTOR FROM NEAREST EMS CONTROLLED CUSTOMER ZONED LIGHTING CIRCUIT. PROVIDE COIL VOLTAGE AS REQUIRED TO MATCH. SEE DETAIL 2/E4.0.
9. MOUNT DUPLEX RECEPTACLES HORIZONTALLY WITHIN TABLE CAVITY TO ALLOW FOR PROPER CLEARANCE FOR PLUGS.
10. MOUNT STEELCASE PASS THROUGH BOX UNDER BASE DECK AND ROUTE STEELCASE THREAD CONDUIT TO APPLE PAD. SEE E1.1 FOR MORE INFORMATION.
11. DOUBLE DUPLEX GFI RECEPTACLE (GRAY). MOUNTED 20" A.F.F. TO CENTER UNLESS OTHERWISE NOTED.
12. MOUNT RECEPTACLE IN BASE OF POS CABINET. SECURE RECEPTACLE TO CABINET, NOT TO FLOOR.
13. MOUNT RECEPTACLES IN BASE OF WALL FACING UP.
14. EXISTING FLOOR BOXES IN FUTURE VENDOR PAD TO BE REMOVED AND FILLED IN. ANY FLOOR BOXES WHERE POWER IS INTERRUPTED BY REMOVAL OF BOXES IN AFOREMENTIONED AREAS SHALL ALSO BE REMOVED AND FILLED IN. TURN OVER ANY SALVAGEABLE FLOOR BOX COMPONENTS TO BEST BUY FOR RE-USE ON DAMAGED FLOOR BOXES THAT ARE EXISTING TO REMAIN.
15. MOUNT DUPLEX RECEPTACLES HORIZONTALLY WITHIN TABLE CAVITY ABOVE PASS THROUGH CUTOUTS NEAR THE TOP OF THE TABLE TO ALLOW FOR PROPER CLEARANCE FOR PLUGS.
16. PROVIDE JUNCTION BOX AND CIRCUITS AT DECK, WITH MC CABLE COILED IN JOIST SPACE AS ALLOWED BY AHJ, FOR FUTURE CONNECTION TO VENDOR DISPLAY.
17. JUNCTION BOX WITH SINGLE GANG MUD RING MOUNTED AT 20" AFF, UNLESS OTHERWISE NOTED, 1" EMT CONDUIT WITH PULL STRING TO JOIST SPACE WITH 90 DEGREE RADIUS BEND (AT JOIST), AND NYLON BUSHINGS AT EACH END. CONDUIT TO BE RECESSED WHEN POSSIBLE. EXTEND CONDUIT TO A LIFT ACCESSIBLE AREA.

## CIRCUIT QUANTITIES

SALES FLOOR CIRCUITS ARE EXISTING IN CEILING. EC TO FIELD VERIFY EXACT CIRCUIT LOCATIONS IN CEILING AND REDISTRIBUTE AS SHOWN UNLESS NOTED OTHERWISE. PROVIDE NEW CIRCUITS AS REQUIRED FROM NEAREST EXISTING PANEL.

## DEMOLITION NOTE

CONTRACTOR TO MAXIMIZE RE-USE OF ALL EXISTING CIRCUITS. MAINTAIN EXISTING CIRCUITS WHEREVER POSSIBLE AND REDISTRIBUTE AS SHOWN ON DRAWINGS. LABEL ANY UNUSED CIRCUITS FOR FUTURE USE AND MARK LOCATION ON ASBUILT DRAWINGS.

REMOVE AND CAP ALL IN FLOOR RECEPTACLES UNDER ANY RAISED VENDOR FLOORING (APPLE, META) OR REMOVE, FILL, POLISH AND DO NOT LEAVE BRASS FITTINGS EXPOSED IN POLISHED CONCRETE AREAS OR, REMOVE, FILL AND DO NOT LEAVE BRASS FITTINGS EXPOSED AFTER DEMOLISHING CARPET.

EC TO REPLACE ALL DAMAGED COVER PLATES AT EXISTING FLOOR BOXES. VERIFY EXACT FLOOR BOX SPECIFICATION IN FIELD AND PROVIDE UNIT PRICING IN BID. CONTACT GRAYBAR MINNEAPOLIS FOR ORDERING.

CONTACT: TE KEKPOH AT GRAYBAR NATIONAL ACCOUNTS FOR ANY PRICING OR LEAD TIME.
P: 612-729-2554
M: 952-999-1349
EMAIL: BESTBUYCONST@GRAYBAR.COM


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Date: 2026.10.12 13:58:08 -05'00'

COMMONWEALTH OF KENTUCKY REGISTERED No. PE 040273 PROFESSIONAL ENGINEER CHRISTOPHER A. JENKINS

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DUNHAM PROJECT: 0427752-229


BEST BUY
#0504
GWINNETT
1875 PLEASANT HILL RD
DULUTH, GA 30096

BEST BUY
FY28 REFLOW

| SQUARE FOOTAGE CALCULATIONS | |
|---|---|
| RETAIL: | 46,497 SF |
| ISC BAY: | 1,031 SF |
| SUPPORT ROOMS: | - SF |
| STORAGE/REMAINING: | 2,956 SF |
| TOTAL: | 50,484 SF |

BID/PERMIT

Issue Date: 10/12/2026

REVISION INFORMATION

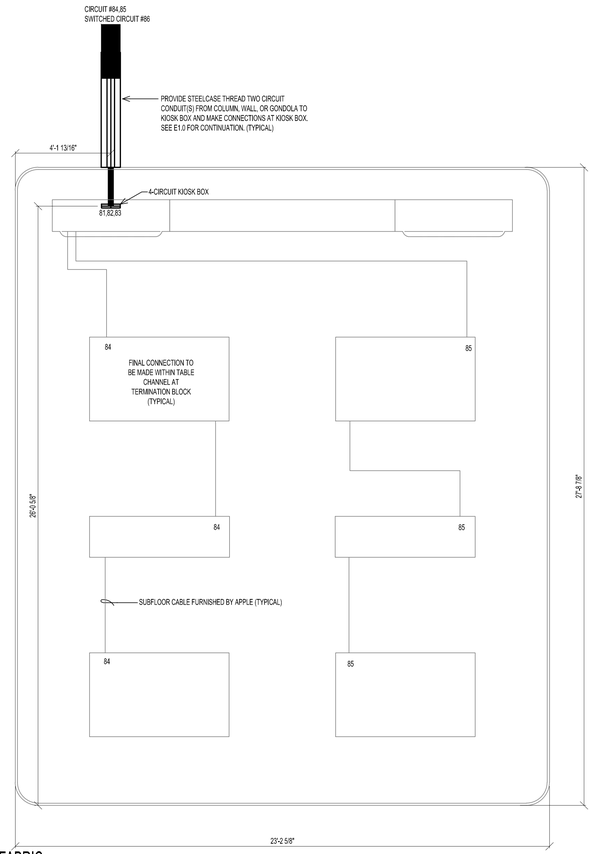
PROTOTYPE

CONCEPT: 45K C2.1 / FORMAT: L

Drawing

ELECTRICAL POWER PLAN

E1.0




## 1 APPLE PAD - FABRIC

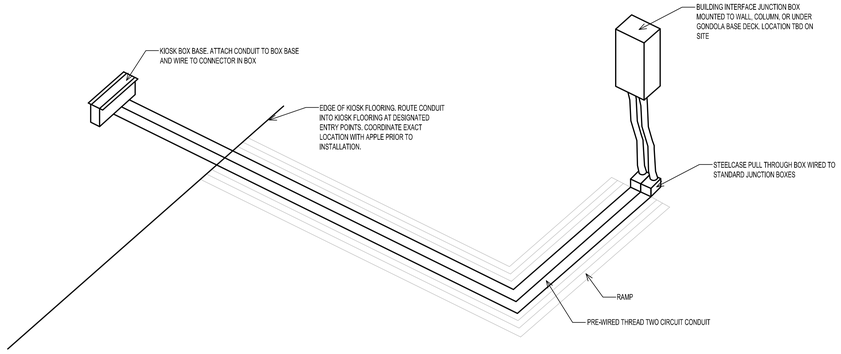
3/8" = 1'-0"

COORDINATE EXACT KIOSK BOX LOCATIONS WITH APPLE PRIOR TO BEGINNING WORK.

## GENERAL NOTES

1. ALL STEELCASE THREAD TWO CIRCUIT COMPONENTS TO BE FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR. VERIFY ALL NECESSARY PARTS AND PIECES REQUIRED FOR A COMPLETE INSTALLATION.
2. EC TO CHECK STEELCASE THREAD WIRES FOR CONTINUITY PRIOR TO ATTACHING TO ASSEMBLY.
3. CONTRACTOR TO PROVIDE STANDARD BOXES, RECEPTACLES, AND WIRING AS REQUIRED FOR COMPLETE INSTALLATION.
4. REFER TO STEELCASE INSTALLATION INSTRUCTIONS FOR ADDITIONAL INFORMATION AND INSTALLATION REQUIREMENTS.
5. ELECTRICAL CONTRACTOR TO PROVIDE DEDICATED, 20A CIRCUITS. APPLE PAD CANNOT SHARE CIRCUITS WITH ANY DISPLAYS, EXISTING DEVICES, OR GONDOLAS. PROVIDE CIRCUITS AS REQUIRED.
6. CONTRACTOR TO PROVIDE CIRCUITS IN QUANTITIES SHOWN FROM BEST BUY PANELS. DO NOT SHARE CIRCUITS WITH OTHER AREAS/GONDOLAS. WHEN PROVIDING CIRCUITS FROM PANELS PROVIDE #8 AWG FROM PANEL TO OVERHEAD DROP POINT. #10 CONDUCTORS CAN BE PROVIDED FOR THE DROP AND ON TO STEELCASE THREAD PASS THROUGH BOX.
7. SUB-FLOOR CABLE PROVIDED BY APPLE. EC TO MAKE FINAL CONNECTIONS AT FIXTURES.
8. WALL MOUNTED BOXES FEEDING THE APPLE PAD ARE TO BE RECESSED WHEN POSSIBLE.
9. PROVIDE HANDLE TIE AT BREAKER OR MULTI-POLE BREAKER FOR SHARED NEUTRAL CIRCUITS

ENSURE FACTORY BONDED SUB-ASSEMBLY IS INSTALLED IN THE MIDDLE OF EACH THREAD CONDUIT ASSEMBLY FOR PROPER GROUNDING OF SYSTEM. FACTORY BONDED SUB-ASSEMBLY CANNOT BE CUT OR MODIFIED AND CANNOT BE FIRST OR LAST SECTION.

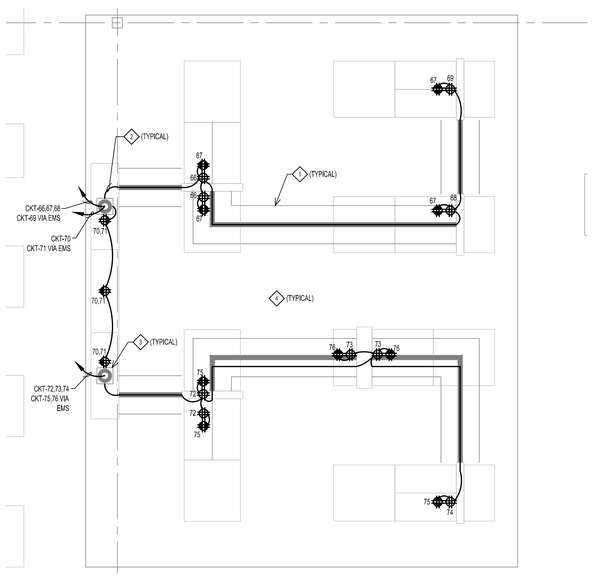



## 2 STEELCASE THREAD TWO CIRCUIT CONDUIT DETAIL

NO SCALE

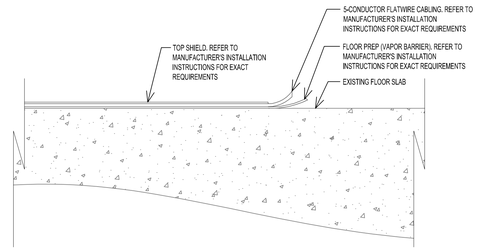
## KEYED NOTES

1. CONNECTRAC 4" IN-CARPET RACEWAY. MODEL NUMBER: CT.B.RCD.1-0M-XX-DG. ROUTE MC CABLE AND/OR COMMUNICATION CABLE THROUGH CONNECTRAC. DRILL/NOTCH FIXTURING BASE AS REQUIRED. COORDINATE WITH BEST BUY CPM PRIOR TO WORK.
2. MC CABLE OR EMT AS ALLOWED BY AUTHORITY HAVING JURISDICTION.
3. FIXTURE EXTENSION FROM JOIST SPACE DOWN TO DISPLAY FIXTURE WITH PULL LINE. BEST BUY SPECIFIED FIXTURE EXTENSION SHALL BE FURNISHED AND INSTALLED BY OTHERS. BOND FIXTURE EXTENSION TO BUILDING STEEL.
4. RECEPTACLES TO BE MOUNTED IN TABLE AS DIRECTED BY FIXTURE SUPPLIER.




## 3 MICROSOFT POWER PLAN

1/4" = 1'-0"




## 4A FLATWIRE INSTALLATION DETAIL

NO SCALE

## GENERAL NOTES

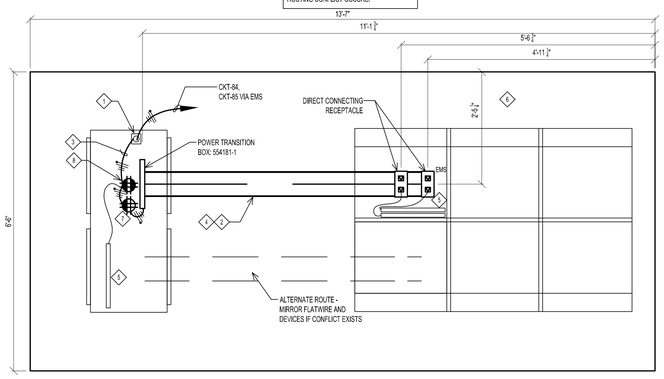
1. ALL FLATWIRE COMPONENTS TO BE INSTALLED BY ELECTRICAL CONTRACTOR.
2. CONTRACTOR TO PROVIDE STANDARD BOXES, RECEPTACLES, AND WIRING AS REQUIRED FOR COMPLETE INSTALLATION.
3. CONTRACTOR TO PROVIDE CIRCUITS IN QUANTITIES SHOWN FROM BEST BUY PANELS. LOCATE NEAREST PANEL WITH SUFFICIENT SPARE BREAKER SPACE FOR CIRCUIT QUANTITIES SHOWN. CIRCUITS FORMERLY FEEDING GONDOLAS THAT HAVE BEEN DEMO'D TO ACCOMMODATE NEW VENDOR PAD MAY BE RE-USED PROVIDED THEY ARE DEDICATED TO VENDOR PAD. DO NOT SHARE CIRCUITS WITH OTHER AREAS/GONDOLAS. WHEN PROVIDING NEW CIRCUITS FROM EXISTING PANELS PROVIDE #8 AWG FROM PANEL TO OVERHEAD DROP POINT. #12 CONDUCTORS CAN BE PROVIDED FOR THE DROP AND ON TO FLATWIRE.
4. REFER TO FLATWIRE INSTALLATION INSTRUCTIONS FOR ADDITIONAL INFORMATION AND INSTALLATION REQUIREMENTS.
5. DIRECT CONNECTING RECEPTACLE MUST BE ORIENTED AS SHOWN ON PLANS. NO EXCEPTIONS.

## POWER PLAN KEYED NOTES

1. FIXTURE EXTENSION FROM JOIST SPACE DOWN TO DISPLAY FIXTURE WITH PULL LINE. BEST BUY SPECIFIED FIXTURE EXTENSION SHALL BE FURNISHED AND INSTALLED BY OTHERS. BOND FIXTURE EXTENSION TO BUILDING STEEL.
2. 5-CONDUCTOR FLATWIRE FURNISHED BY SAMSUNG AND INSTALLED BY EC.
3. MC CABLE OR EMT AS ALLOWED BY AUTHORITY HAVING JURISDICTION.
4. 5-WIRE FLATWIRE UNDER CARPET ROUTE.
5. POWER STRIP FURNISHED BY BEST BUY TO BE INSTALLED BY E.C.
6. DIMENSION CENTERLINE IS CRITICAL.
7. QUAD IN LOWER CABINET TO BE HALF EMS CONTROLLED AND HALF CONTINUOUS POWER. EMS CONTROLLED OUTLET TO BE CLEARLY LABELED.
8. QUAD IN UPPER CABINET TO BE EMS CONTROLLED AND CLEARLY LABELED.

CONTRACTOR NOTE

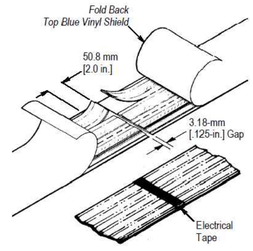
ELECTRICAL FLAT WIRE & PERIPHERALS CAN BE MIRRORED TO OTHER SIDE OF FIXTURE IF ROUTING CONFLICT OCCURS.




## 4 SAMSUNG PINBALL POWER PLANS

NOT TO SCALE

***Installing Splice Connector to Undercarpet Power Cable***




## 4B FLATWIRE SPLICING DETAIL

NO SCALE

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BEST BUY

**#0504**

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DULUTH, GA 30096

BEST BUY
FY28 REFLOW

SQUARE FOOTAGE CALCULATIONS

| | |
|---|---|
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| ISC BAY: | 1,031 SF |
| SUPPORT ROOMS: | - SF |
| STORAGE/REMAINING: | 2,956 SF |
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BID/PERMIT

Issue Date: 10/12/2026

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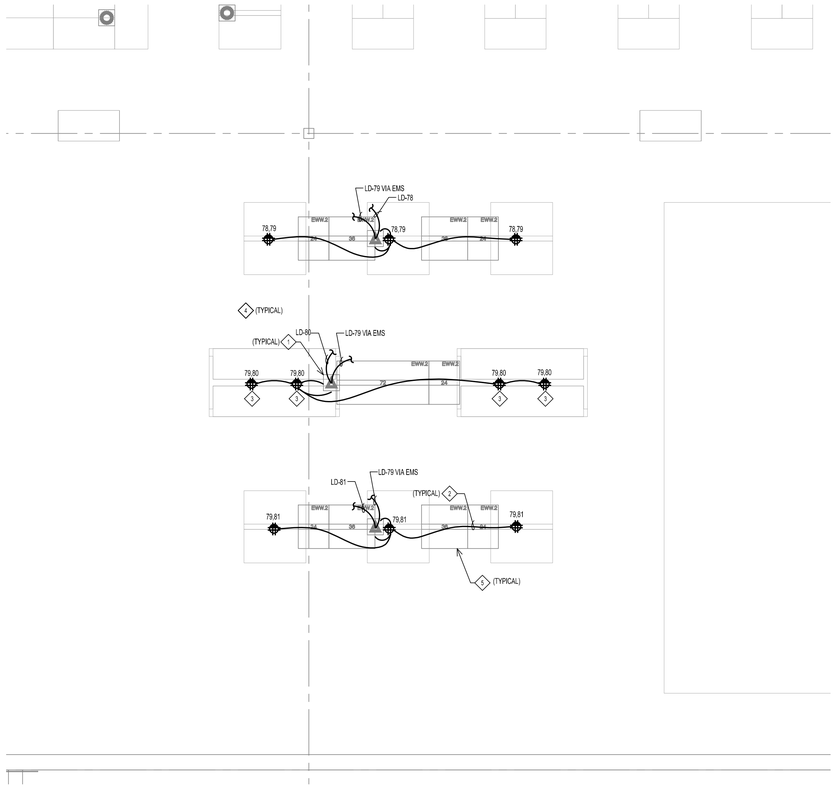
PROTOTYPE

CONCEPT: 45K C2.1 / FORMAT: L

Drawing

VENDOR PAD POWER PLAN

E1.1




## KEYED NOTES

1. FIXTURE EXTENSION FROM JOIST SPACE DOWN TO DISPLAY FIXTURE WITH PULL LINE. BEST BUY SPECIFIED FIXTURE EXTENSION SHALL BE FURNISHED AND INSTALLED BY OTHERS. BOND FIXTURE EXTENSION TO BUILDING STEEL.
2. MC CABLE OR EMT AS ALLOWED BY AUTHORITY HAVING JURISDICTION.
3. MOUNT RECEPTACLES IN BASE OF WALL FACING UP.
4. EXISTING DISPLAY IS BEING RELOCATED. RELOCATE EXISTING RECEPTACLES WITH FIXTURE AND RECONNECT TO EXISTING CIRCUIT AS REQUIRED.
5. PROVIDE NEW CONNECTRAC 4" IN-CARPET RACEWAY. MODEL NUMBER: CT.B.RCD.1-0M-XX-DG. ROUTE MC CABLE AND/OR COMMUNICATION CABLE THROUGH CONNECTRAC. DRILL/NOTCH FIXTURING BASE AS REQUIRED. COORDINATE WITH BEST BUY CPM PRIOR TO WORK.

1 THEATER DISTRICT
1/4" = 1'-0"

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CHRISTOPHER A. JENKINS REGISTERED PROFESSIONAL ENGINEER No. PE 049279

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REVISION INFORMATION

PROTOTYPE
CONCEPT: 45K C2.1 / FORMAT: L

Drawing
VENDOR PAD POWER PLAN

E1.2

## ELECTRICAL ABBREVIATIONS

| | |
|---|---|
| A | AMP |
| AC | ABOVE COUNTER |
| ADD | ADDENDUM |
| AFCI | ARC FAULT CIRCUIT INTERRUPTER |
| AFF | ABOVE FINISHED FLOOR |
| AHU | AIR HANDLING UNIT |
| AL | ALUMINUM |
| ATS | AUTOMATIC TRANSFER SWITCH |
| BBY | BEST BUY |
| C | CONDUIT |
| CAB | CABINET |
| CB | CIRCUIT BREAKER |
| CKT | CIRCUIT |
| CU | COPPER |
| DN | DOWN |
| EC | ELECTRICAL CONTRACTOR |
| ELEC | ELECTRIC or ELECTRICAL |
| EM | EMERGENCY |
| EMT | ELECTRICAL METALLIC TUBING |
| ENCL | ENCLOSURE |
| EPO | EMERGENCY POWER OFF |
| EWC | ELECTRIC WATER COOLER |
| F | FUSE or FUSED |
| FA | FIRE ALARM |
| FACP | FIRE ALARM CONTROL PANEL |
| FSD | FIRE-SMOKE DAMPER |
| GFI | GROUND FAULT INTERRUPTER |
| GND | GROUND |
| IG | ISOLATED GROUND |
| JBOX | JUNCTION BOX |
| KV | KILOVOLT |
| KVA | KILOVOLT-AMP |
| KW | KILOWATT |
| KWH | KILOWATT-HOUR |
| MC | MOMENTARY CONTACT |
| MRS | MOTOR RATED SWITCH |
| MT | EMPTY |
| NC | NORMALLY CLOSED |
| NEC | NATIONAL ELECTRICAL CODE |
| NIC | NOT IN CONTRACT |
| NL | NEW LOCATION FOR RELOCATED ITEM |
| NO | NORMALLY OPEN |
| NTS | NOT TO SCALE |
| OC | ON CENTER |
| PB | PULL BOX |
| PB | PUSHBUTTON |
| PF | POWER FACTOR |
| PH | PHASE |
| PNL | PANEL |
| PRI | PRIMARY |
| R | REMOVE EXISTING ITEM |
| RECEPT | RECEPTACLE |
| REFG | REFRIGERATOR |
| RL | REMOVE EXISTING ITEM AND RELOCATE AS INDICATED |
| RTU | ROOF TOP UNIT |
| SEC | SECONDARY |
| SW | SWITCH |
| SWBD | SWITCHBOARD |
| SPKR | SPEAKER |
| TEL | TELEPHONE |
| TSTAT | THERMOSTAT |
| TYP | TYPICAL |
| UC | UNDER COUNTER |
| UG | UNDERGROUND |
| UH | UNIT HEATER |
| UNO | UNLESS NOTED OTHERWISE |
| V | VOLT |
| VA | VOLT-AMP |
| VAC | VOLTS ALTERNATING CURRENT |
| VDC | VOLTS DIRECT CURRENT |
| W | WATT |
| WP | WEATHERPROOF |
| X | EXISTING ITEM TO REMAIN |
| XFMR | TRANSFORMER |

NOTE:
REFER TO MOTOR AND EQUIPMENT SCHEDULES FOR ADDITIONAL MOTOR ABBREVIATIONS.

## RACEWAYS

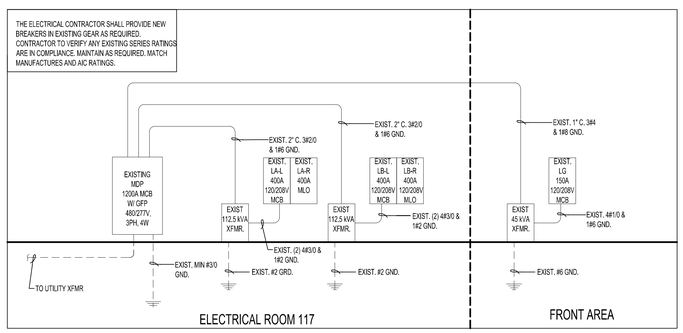
| | |
|---|---|
| | CONDUIT AS DESCRIBED ON DRAWINGS AND SPECIFICATIONS |
| 12/3 | MC CABLE<br>- FIRST NUMBER INDICATES WIRE SIZE<br>- SECOND NUMBER INDICATES NUMBER OF CONDUCTORS |
| | MODULAR WIRING |
| | CAT5 CABLE |
| | 0-10V CONTROL WIRING |
| | UNDERGROUND CONDUITS |
| | CONDUIT WITH BUSHED END |
| | CONDUIT WITH BREAK OR CONTINUATION |
| L1-1,3 | CIRCUIT HOME RUN<br>- L1 INDICATES PANEL<br>- NUMBERS INDICATE CIRCUITS |
| | CONDUCTOR COUNT - UNLESS NOTED OTHERWISE<br>// SHORT HASH INDICATES 1#12 LINE<br>// LONG HASH INDICATES 1#12 NEUTRAL<br>// HASH W/ DOT INDICATES 1#12 GROUND |
| | PULL BOX, SIZE AS NOTED |
| | JUNCTION BOX - WALL/CEILING MOUNT |
| | WIREWAY, DUCT BANK, OR FLOOR DUCT, AS NOTED |
| | CABLE TRAY, TYPE/SIZE AS INDICATED |
| | BLACK FIXTURE EXTENSION |

## SWITCHES & CONTROLS

| SYMBOL | DESIGNATION | MTG HT |
|---|---|---|
| | **POWER** | |
| | BRANCH CIRCUIT PANEL | VERIFY |
| | EMERGENCY PANEL | VERIFY |
| | DISTRIBUTION PANEL OR SWITCHBOARD | VERIFY |
| | EQUIPMENT CABINET | VERIFY |
| | TRANSFORMER | VERIFY |
| | MOTOR OR MOTOR CONNECTION | VERIFY |
| | MOTOR CONTROLLER, STARTER, OR VFD | VERIFY |
| | COMBINATION STARTER & DISCONNECT SWITCH | VERIFY |
| | DISCONNECT SWITCH | VERIFY |
| MR | MOTOR RATED TOGGLE SWITCH | VERIFY |
| MMS | MANUAL MOTOR STARTER SW W/THERM OVERLOAD | VERIFY |
| | SIMPLEX RECEPTACLE - WALL/CEILING MOUNT | 20" |
| | DUPLEX RECEPTACLE - WALL/CEILING MOUNT | 20" |
| | QUADPLEX RECEPTACLE - WALL MOUNT | 20" |
| | LEGRAND RECEPTACLE ASSEMBLY WITH BLACK WIREMOLD BOX. LEGRAND WPLCRA4-BL . | VERIFY |
| | QUADPLEX RECEPTACLE - ONE DUPLEX CONTINUOUS POWER AND ONE DUPLEX CONTROLLED. CONTROLLED RECEPTACLE: PASS & SEYMOUR 5362CDBL DUAL-CONTROLLED DUPLEX RECEPTACLE 20A, 125V, BLUE, 5-20R. | VERIFY |
| | CONTROLLED QUADPLEX RECEPTACLE: PASS & SEYMOUR 5362CDBL DUAL-CONTROLLED DUPLEX RECEPTACLE 20A, 125V, BLUE, 5-20R. | VERIFY |
| | CONTROLLED DUPLEX RECEPTACLE: PASS & SEYMOUR 5362CDBL DUAL-CONTROLLED DUPLEX RECEPTACLE 20A, 125V, BLUE, 5-20R. | VERIFY |
| | DUPLEX RECEPTACLE - SPLIT WIRED | VERIFY |
| | SPECIAL PURPOSE RECEPTACLE - WALL/CLG MNT | VERIFY |
| | FLOOR BOX- DEVICES AS INDICATED | - |
| | POWER POLE - DEVICES AS INDICATED | - |
| | MULTIOUTLET ASSEMBLY - DEVICES AS INDICATED | VERIFY |
| | MOTOR/EQUIPMENT TAG | - |
| B | BUZZER/BELL | VERIFY |
| | KEY NOTE | - |

NOTE TO ELECTRICAL CONTRACTOR

MUST ORDER CONNECTRAC AND CONTROLLED RECEPTACLES THROUGH GRAYBAR MINNEAPOLIS AS THEY ARE THE ONLY LOCATION TO STOCK ITEM.
CONTACT: TE KEKPOH AT GRAYBAR NATIONAL ACCOUNTS FOR ANY PRICING OR LEAD TIME.
P: 612-728-2554
M: 952-999-1349
EMAIL: BESTBUYCONST@GRAYBAR.COM




1 SERVICE RISER DIAGRAM
NO SCALE

## NOTE TO PLAN REVIEWER:

PEAK DEMAND READING FOR 12 MONTHS OF STORE OPERATION. TAKEN FROM OWNER UTILITY BILL
JULY 2025 = 217.8 KVA
217.8 KVA x 1.25 = 272.2 KVA / 328 AMPS

ADDED LOAD = 39.9 KVA
39.9 KVA + 272.2 KVA = 312.1 KVA / 375 AMPS

EXISTING SERVICE IS 1,200 AMPS


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ARCHITECT


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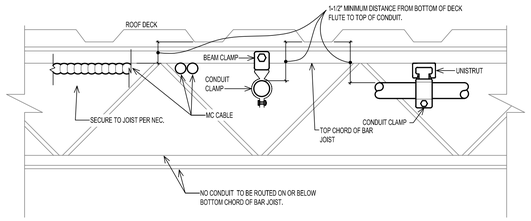
REVISION INFORMATION

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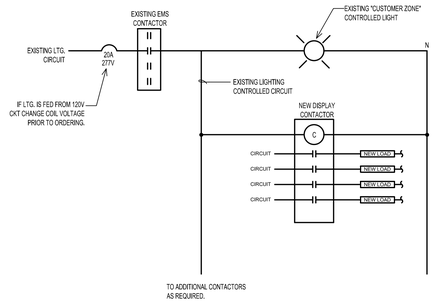
PROTOTYPE
CONCEPT: 45K C2.1 / FORMAT: L

Drawing
PANELBOARD SCHEDULES & RISER

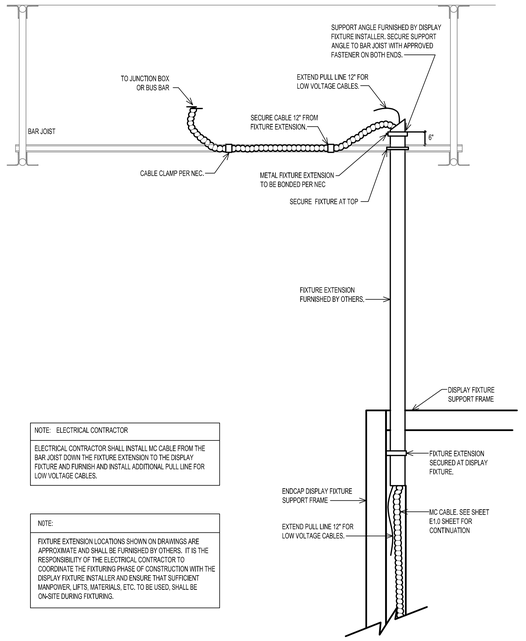
E3.0



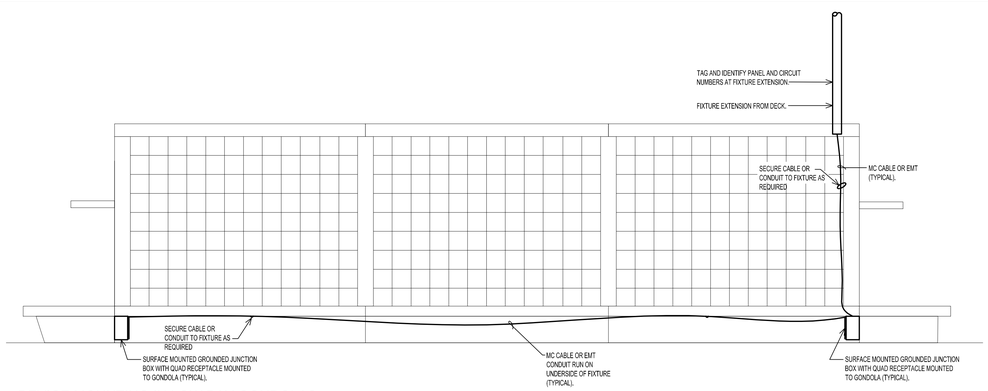

## 1 CONDUIT ROUTING DETAIL
SCALE: N.T.S.



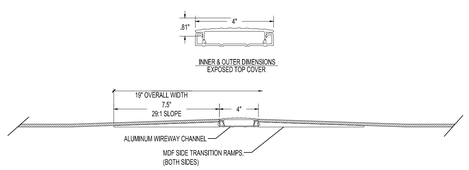

## 2 DISPLAY LIGHTING CONTACTOR CONTROL
SCALE: N.T.S.



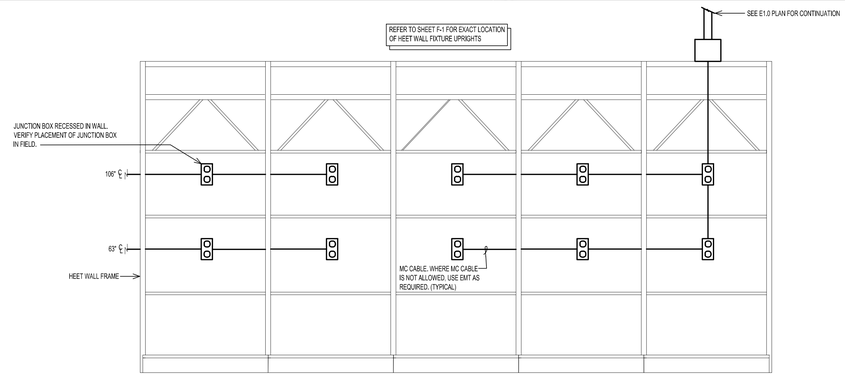

## 3 FIXTURE EXTENSION DETAIL
SCALE: N.T.S.



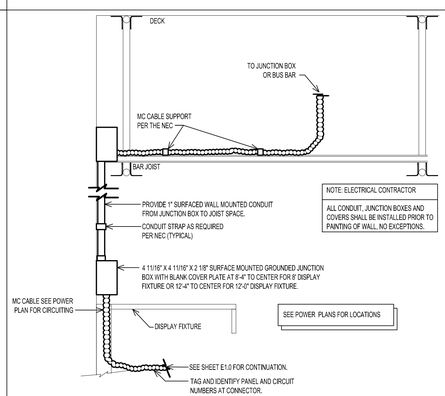

## 4 DEVICE MOUNTING IN LOW BAY GONDOLAS
SCALE: N.T.S.




## 5 CONECTRAC DETAIL
SCALE: N.T.S.




## 6 TV DISPLAY WALL ELEVATION
SCALE: N.T.S.




## 10 WALL POWER DROP DETAIL
SCALE: N.T.S.

MJM ARCHITECTS
2948 SIDCO DR, NASHVILLE, TN 37204
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MJM #26363
ARCHITECT

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BEST BUY
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GWINNETT
1875 PLEASANT HILL RD
DULUTH, GA 30096

BEST BUY
FY28 REFLOW

SQUARE FOOTAGE CALCULATIONS

| | |
|---|---|
| RETAIL: | 46,497 SF |
| ISC BAY: | 1,031 SF |
| SUPPORT ROOMS: | - SF |
| STORAGE/REMAINING: | 2,956 SF |
| TOTAL: | 50,484 SF |

BID/PERMIT

Issue Date: 10/12/2026

REVISION INFORMATION

PROTOTYPE
CONCEPT: 45K C2.1 / FORMAT: L

Drawing
ELECTRICAL DETAILS

E4.0

**ELECTRICAL, COMMUNICATIONS, AND ELECTRONIC SECURITY AND SAFETY**

## PART 1 - GENERAL

### 1.01 Scope of Work

A. The general, special, and other conditions of the architectural, mechanical and vendor documents shall be considered an integral part of these electrical specifications.

B. Reference to "contractor" in this specification shall mean "electrical contractor (EC)" unless otherwise noted. Work specified herein is the responsibility of the electrical contractor unless specifically noted otherwise.

C. Furnish labor, materials, equipment, tools, and other items necessary for, or incidental to, installation of a complete electrical system as required for this project.

D. Also include other work and miscellaneous equipment not specifically mentioned, but reasonably inferred, that are required for a fully functional and tested system.

### 1.02 Drawings and Documents

A. The drawings and specifications form a complete set of plans for the electrical work for this project. In the event the drawings and specifications conflict, the greater requirement or cost shall be included in the bid, or if time, a clarification will be issued.

B. Bidders shall examine other trade and equipment vendor drawings and specifications to avoid omissions, duplications, and to ensure the complete installation of electrical work. Verify scales and report dimensional discrepancies or other conflicts with the architect before submitting the bid.

C. The electrical drawings are diagrammatic and are intended to show approximate location only. Followed drawings as closely as actual construction and work of other trades will permit. Placement of electrical equipment and devices shall not interfere with locations or clearances of other trades' materials or equipment. Coordinate the placement of electrical devices with architectural plans, elevations, and details.

D. Govern exact routing of cable and wiring and the locations of outlets by the structure and equipment served. Use dimensions from architectural drawings.

E. The direct routing of conduits and wiring is not assured. Exact requirements shall be governed by the conditions of the project site. Extra lengths of wiring or the addition of pull or junction boxes, etc., necessitated by such conditions, shall be included in the bid.

F. Drawing representations: conduits, circuiting, devices, speakers, etc., shown on the drawings as existing are based on existing plans and may not be installed as originally shown. Verify the accuracy of the "existing conditions" as shown on the drawings as the demolition work progresses. Perform modifications and additions as necessary to correct for these hidden conditions and allow for the completion of the work.

### 1.03 Conditions at the Site

A. Examine the site and be familiar with existing building conditions and limitations before submitting a bid. No extra payment will be allowed for work required because of these conditions, or if the information is visible or readily attainable, for limitations or misunderstanding of existing conditions.

B. Discrepancies from these documents should be reported to the architect/engineer before bid.

### 1.04 Job Site Safety

A. The electrical contractor is responsible for electrical job site safety, including the safety of people and property during the performance of work. This requirement will apply continuously and not be limited to normal working hours.

B. No act, drawing review or construction review by the owner, the engineers or their consultants, is intended to include a review of the adequacy of the contractor's safety measures in, on, or near the construction site.

## PART 2 - GENERAL REQUIREMENTS

### 2.01 Codes, Inspections, and Fees

A. The completed electrical installation shall comply with the latest edition of the national electrical code as well as applicable federal, state, and local codes, regulations, and standards including interpretations by appropriate authorities having jurisdiction. Where the drawings and specifications call for workmanship or materials over code or regulatory requirements, the drawings and specifications shall govern.

B. The work specified herein shall be subject to inspection and approval by state and local authorities having jurisdiction and the engineer. The contractor shall make the necessary arrangements to have the electrical work inspected by the appropriate inspector(s) and shall provide electronic *.pdf copies of final signed "certificate of inspection" to the owner.

C. Obtain and pay for licenses, permits, and fees for work installed by the contractor. The contractor is responsible to pay fees levied by the electric utility company for connection to electric services.

### 2.02 Workmanship and Contractor Qualifications

A. Provide electrical equipment and materials neatly and competently by persons experienced and skilled in the trade and accordance with available standards. Haphazard or poor installation will be a cause for rejection of work. Exposed components of the electrical systems shall be square and true with building lines and surfaces.

B. Contractor shall be licensed in the state in which the project is located.

### 2.03 Coordination of Work

A. Give careful consideration to the work of the general, mechanical and other contractors/subcontractors on the project. Organize and phase the electrical work so that it will not interfere with the work of other trades.

B. Drawings and specifications for other trades and general construction drawings shall be consulted for coordination information, details, dimensions, etc. Coordinate shafts, chases, furred spaces, suspended ceiling, locations of equipment, etc. The contractor shall review the mechanical-electrical drawings and equipment drawings of other disciplines, including data, security, audio-video, closed-circuit television, paging, fire alarm, and kitchen. The contractor shall be responsible to report discrepancies between these drawings to the engineer before bidding for clarification. Solutions to unreported discrepancies will be determined by the engineer, with no additional compensation due to the contractor.

C. The location of equipment outlets and wiring shall be verified with the actual equipment or approved shop drawings before rough-in work. Notify engineers of discrepancies.

D. Dimensions given on the drawings shall take precedence over scaled dimensions. Dimensions, whether calculated or scaled, shall be verified in the field.

E. Check actual job conditions before fabricating work. Coordinate with other trades to avoid rework due to field conditions. Changes or additions, subject to additional compensation, which is made without written authorization and an agreed price, shall be at the contractor's risk and expense.

F. Coordinate routing of conduit and wire concealed in walls, soffits or ceilings installed by the general contractor. Coordinate work to conceal conduit and wire.

G. Verify items such as door swings, window locations, casework, etc., before installing electrical equipment or devices.

H. Make minor adjustments to work when requested by the owner or the owner's representative when adjustments are necessary for proper operation and within the intent of the contract.

### 2.04 Materials and Equipment

A. Unless otherwise specified, material and equipment shall be new and manufactured by approved or listed manufacturers. Materials and equipment shall meet the requirements of governing codes.

B. Material and equipment shall be listed and labeled by Underwriters Laboratories, Inc. (UL), as conforming to its standards in every case where such a standard has been established for that type of material or equipment.

C. Obtain written approval seven days before bid, to use proposed substitute material or equipment before contracting to purchase such substitutes. The owner reserves the right to require the removal of material or equipment which does not have this written approval and which does not comply with the specifications, regardless of the state of installation of such equipment.

D. Where equipment supplied by the contractor has characteristics other than as specified herein, the contractor shall, at no additional cost to the owner, remove and replace the electrical work necessitated by the substituted product.

E. Equipment and device terminals and lugs must be rated for 60/75 degrees C or 75 degrees C.

F. Provide necessary hardware, hangers, blocking, brackets, bracing, runners, etc., required for equipment specified under this section.

### 2.05 Shop drawings and submittals

A. Submit shop drawings for electrical equipment in *.pdf format. Shop drawing submittals shall allow for a minimum of seven working days for engineer review.

B. Shop drawings shall be detailed, dimensioned manufacturers' drawings. Each set of documents shall list the project name and address, and the contractor's name, address, and telephone number. An index page shall list individually the items in the submittal with references to type designations or other identifiers noted on drawings.

C. Submittal to the engineer shall be via the general contractor and, where required, the architect. Do not submit incomplete shop drawings. Shop drawings that are incomplete or not signed by both the contractor and the general contractor shall be returned without review.

D. Cross out information or options not being provided or does not apply to the project. Failure to do so assumes that equipment, options, and accessories shown in the shop drawing submittal are included.

E. If the contractor uses materials other than those specified, the contractor shall be responsible for replacement, at no additional cost to the owner.

F. The approval stamp on the shop drawings does not relieve the contractor or the supplier of responsibility for full contract compliance.

### 2.06 Operations and Maintenance Manuals and Record Drawings

A. Provide manuals to the owner covering the operation and maintenance of equipment provided under this contract. The manuals shall be digitally submitted to the architect/engineer for approval via e-mail, electronic files transfer, or USB. Manuals shall contain the following:

1. Complete manufacturer catalog data, manufacturer's literature, wiring diagrams, detailed operating instructions, and a complete listing of suppliers and distributors where replacement parts and maintenance services are available for installed equipment. Include electrical shop drawings in *.pdf. Provide an AutoCAD file of drawings if available.
2. Physical description and installation instructions, user's manual and operating instructions.
3. Replaceable parts list. Include the light fixture schedule with replacement lamps per fixture type.
4. Inspection certificates, signed by the appropriate inspector.
5. Full listing of product warranties and extended warranties with registration and contact information.
6. Indexed *.pdf documents of items in the manual.

B. Markup a set of construction documents as work progresses. Show actual circuit routing with dimensioned information, sizes, types, etc., equipment location changes, and other changes or deviations between project work, as-built, and contract documents. Markings shall be neat, legible, and permanent. Transfer applicable markings to the second set of documents and provide both sets of record documents to the owner.

### 2.07 Excavation and Backfilling

A. Perform excavation and backfill required for the installation of underground piping. Surplus materials are to be disposed of by the contractor.

B. Trenches shall be of sufficient width. Brace trenches to prevent cave-in or settlement. Use pumping equipment if required for dewatering.

C. Backfill trenches with a maximum of 6-inch layers of well tamped dry earth to prevent settlement.

### 2.08 Temporary Installations

A. Comply with the owner and general contractor requirements. Electrical work must conform to NEC Article 590, temporary installations.

B. Continuation of service: maintain continuity of existing equipment to remain. Maintain existing circuits of equipment energized. Restore circuits wiring which is to remain but was disturbed during demolition back to original condition.

C. Electric power system: provide an electrical distribution system of sufficient size, capacity, and power characteristics required for construction operations.

D. Provide temporary electrical service as required for the project.

1. Utilize existing building electrical distribution if available, and supplement as required for the project conditions.
2. For service construction or service revisions, coordinate with the utility to provide temporary service for the duration of construction so as not to interfere with service construction. Pay for utility charges associated with the temporary service including energy bills.

E. Lighting: provide temporary lighting with local switching throughout the construction area. Provide adequate illumination for construction operations, observations, inspections, and traffic conditions.

F. Where light fixtures exist in the area of construction, utilize existing lights and outlets as much as practical to meet these requirements. Clean and re-lamp each fixture used for temporary at end of construction.

G. Telephone and Internet Services:

1. Arrange with telephone & internet provider to bring service to the site.
2. Provide telephone & internet lines to each construction trailer as needed and as directed by the Construction Manager.

H. Maintenance: Maintain facilities in good operating condition until removal.

I. Termination and Removal: Remove each temporary facility when need for its service has ended, when it has been replaced by authorized use of a permanent facility, or no later than Substantial Completion. Repair damaged Work, patch and seal unused openings, clean exposed surfaces, and replace construction that cannot be satisfactorily repaired.

1. Materials and facilities that constitute temporary facilities are property of Contractor.
2. At Substantial Completion, clean and renovate permanent facilities used during construction period.

### 2.09 Demolition

A. Where electrical work to remain is damaged or disturbed in the course of the work, remove damaged portions and provide products of equal capacity, quality, and functionality.

B. Accessible work indicated as demolished: remove exposed electrical installation in its entirety. Removal of existing electrical distribution system equipment includes equipment's associated wiring, including conductors, cables, exposed conduit, surface metal raceways, boxes, and fittings, back to equipment's source or as indicated.

C. Abandoned raceway and conduits: where raceway and conduits are shown as abandoned on the drawings; disconnect existing concealed wiring from its source. Remove wiring, cap and label conduit ends. Cut abandoned underground conduits below grade and seal openings. Patch surface to match the existing finish.

D. Temporary disconnection: remove, store, clean, reinstall, reconnect, and make operational components indicated for relocation.

### 2.10 Protection of Equipment and Material

A. Store and protect from damage equipment and material delivered to the job site. Cover with waterproof, tear-resistant, heavy duty tarp or polyethylene plastic as required to protect from construction debris, water, dust, etc.

B. Plug or cap open ends of pipes and ducts while stored or installed during construction to prevent entrance of debris into the systems.

### 2.11 Housekeeping Pads and Concrete Bases

A. Material Properties:

1. ACI 318Reinforcing Steel (Fy): Typical 60,000 psi ATSM A615 Grade 60.
2. Cast-in-Place Concrete (f'c) at 28 days, u.n.o.: 4,000 psi w/c less than or equal to 0.42; maximum aggregate size=3/4 inches, max slump=3 inches at placement.

B. The contractor shall verify dimensions and existing conditions in the field that affect construction before commencing work on the affected element of shop drawing submittals. Resolve any discrepancies with the architect before construction. Pad to be a minimum 4 inches greater than the equipment footprint.

C. The detailing, fabrication and erection of reinforcing shall be done per the latest edition of ACI-315, "Manual of Standard Practice for Detailing Reinforced Concrete Structures and ACI-318, "Building Code Requirements for Structural Concrete.

1. Aluminum conduit, aluminum sleeves, and aluminum embeds are not permitted in concrete.
2. Calcium chloride is not permitted as a concrete additive.

D. Provide suitable wire spacers, chairs, etc. for support of reinforcing steel in proper position while placing concrete. Bars shall be tied to prevent displacement while placing concrete. Chairs and slab bolsters shall be plastic or steel with plastic tips. Chairs are to be stable and resist tipping.

E. Where the pad abuts the existing pad, place matching joints in new, i.e., match existing joints. Match pad existing height (provide 3½ inch min). Dowel new concrete pad extension to the existing concrete pad.

F. Provide galvanized anchor bolts to secure equipment to the pad. Size, number, and placement per equipment manufacturer.

### 2.12 Cutting and Patching

A. Workmanship; layout work in advance. Exercise care where cutting, channeling, chasing, or drilling of floors, walls, partitions, ceilings, or other surfaces is necessary for proper installation, support, or anchorage of conduit, raceways, or other electrical work. Repair damage to buildings, piping, and equipment using skilled craftsmen of trades involved

B. Perform core drilling, cutting and patching necessary for the completion of the electrical work for this project. Fill abandoned and unused core drills.

C. Surfaces that are disturbed by the contractor shall be repaired and refinished to provide a surface equal in strength, durability, and appearance to the original surface.

D. Where it is necessary to drill or cut concrete surfaces, the edges shall be sharply defined. Core holes shall be made with a rotary drill. Rectangular concrete cuts shall be made with a concrete saw. Do not penetrate post-tension slabs before the x-ray of the floor.

E. Penetrations through smoke, fire, hazardous area or other rated separations shall be fire sealed to preserve the ratings of the separations.

F. Cutting, drilling, patching, repairing, and refinishing shall be done by persons skilled tradespersons.

G. Avoid cutting and boring holes through the structure or structural members wherever possible. Obtain prior approval of structural engineer and conform to structural requirements when cutting or boring the structure is necessary and permitted.

H. Clean away rubbish and litter generated during electrical installation.

### 2.13 Clean-Up

A. Upon completion of the work and at other times directed, remove materials and scrap generated by the electrical installation and leave the premises in a clean and orderly condition.

B. Clean electrical equipment interiors before energizing and before final acceptance. Clean light fixtures lenses, reflectors, and trims. Repair, clean and touch up minor scratches or blemishes on the factory painted equipment.

C. Damaged, dented, or refurbished equipment shall be rejected and replaced at the contractor's expense.

### 2.14 Acceptance Demonstration and Training

A. Perform system start-up, testing, and programming before the owner's training. Do not schedule demonstrations until systems are fully operational and ready to turn over to the owner.

B. Provide commissioning of lighting control systems per the latest energy code.

C. Demonstrate to the owner the operation of the electrical installations. Upon completion of the work, the owner will determine the timing of the demonstration.

D. Properly set automatic time switches to perform switching operations per schedules provided by the owner's representative or per the latest energy codes as adopted by the local AHJ, and demonstrate (using the manufacturer's operating instructions) how to override, test, and program lighting/systems.

### 2.15 Rebate Programs

A. Provide the owner with rebate forms, filled out with applicable project information, for utility or product rebate programs to which the owner is eligible.

### 2.16 Guarantees and Warranties

A. Furnish the owner with a written guarantee for one (1) year against the failure of part of the electrical systems installed due to faulty material or workmanship, without charges, to the owner. Guarantee period to start upon substantial completion or as specified under general and special conditions. Incandescent and halogen lamps are excluded.

B. Pass one extended warranty or product warranties exceeding one (1) year to the owner.

## PART 3 - PRODUCTS

**DIVISION 26 ELECTRICAL**

### 3.01 260519 Low-Voltage Electrical Power Conductors and Cables

A. Provide wires and cables in accordance with applicable requirements of NFPA 70 and UL for type of insulation, jacket, and conductor specified or indicated. Do not use conductors and cables for applications other than as permitted by NFPA 70 and product listing.

B. Copper conductors complying with NEMA WC 70/ICEA S-95-658. Aluminum conductors are prohibited. Insulation type: XHHW, XHHW-2, THHW, or THWN-2, color coded, color impregnated wire.

C. Conductor sizes are American Wire Gauge (AWG) or circular mils (kcmil) as follows:

1. #12 AWG solid copper.
2. #10 AWG and larger shall be stranded copper.
3. Branch circuits must be color-coded, color impregnated wire.

D. AC, core clad, or Romex cables are not allowed. Metal-clad cable with green ground conductor allowed only for the following conditions:

1. Above accessible ceilings for final connections from junction boxes to light fixtures not exceeding 6' in length.
2. Final connection not exceeding 6' in length to rotating or vibrating equipment.
3. Allowed for branch circuits fished into existing wall construction.
4. Allowed in casework or built up structures where flexibility is required.

E. Home runs to panelboards are indicated as starting from the outlet nearest the panel and continuing in the general direction of that panel. Continue such circuits to the panel as though the routes were completely indicated. Terminate home runs of signal, alarm and communication systems in a similar manner

F. Provide #12 branch circuit conductors for 120v, 20 amp circuits less than 75' (150' for 277v circuits). Provide a minimum #10 branch circuit conductors for 120v, 20 amp circuits over 75' (150' for 277v circuits), and increase conductor and conduit size to limit voltage drop to 3% maximum. Where conductor size is not indicated, size to comply with NFPA 70 but not less than applicable minimum size requirements specified.

G. Where more than three current-carrying conductors are installed in a single raceway (e.g. combining multi-circuit home runs), conductor ampacity shall be de-rated as required by the NEC.

H. Provide dedicated neutral conductors for every 120-volt and 277-volt branch circuit.

I. Feeder and branch circuit conductors must be stranded copper, single conductors in a raceway.

J. Cord drops and portable appliance connections: type so, oil proof, hard service cord with stainless steel, wire-mesh, strain relief device at terminations to suit the application.

K. Megger and record insulation resistance of 600-volt insulated conductors size #3/0 and larger using 500-volt megger for one minute. Make tests with circuits isolated from source and load.

### 3.02 260526 Grounding and Bonding for Electrical Systems

A. The building and electrical systems shall be grounded and bonded per the NEC, IEEE and best practices. Electrical service and separately derived alternating current systems shall be grounded per NEC article 250.

B. Ground exposed, non-current-carrying metallic parts of electrical equipment, metallic raceway systems, grounding conductor in metallic and nonmetallic raceways, telecommunications system grounds, and neutral conductor of wiring systems. Circuits, metal raceway systems and other permanently installed electrical equipment shall be solidly grounded per the national electrical code to form a continuous, permanent and effective grounding system.

C. Make ground connection at main service equipment and extend grounding conductor to point of entrance of metallic water service. Make connection to water pipe by suitable ground clamp or lag connection to plugged tee.

D. Grounding electrode conductor connections shall be made with solderless pressure type fittings. Where welded connections are practical, connections may be made by the use of a suitable welding process. Make connections in strict conformance with the manufacturer's recommendations.

E. All feeder and branch circuits shall have a green copper ground conductor run with the phase and neutral conductors. Isolated ground conductors: green colored insulation with a continuous yellow stripe.

F. Bond flexible raceway sections with a bare ground conductor separate from the equipment grounding conductor installed with the branch or feeder conductors. Provide an external ground conductor with grounding bushings where required.

G. Bonding interior metal ducts: bond metal air ducts to equipment grounding conductors of associated fans, blowers, electric heaters, and air cleaners. Provide a tinned bonding jumper to bond across flexible duct connections to achieve continuity.

H. Ground rods: 10 feet x 3/4 inch copper-clad steel. Ground rods at exterior area lights: 8 feet x 5/8 inch copper-clad steel.

### 3.03 260529 Hangers and Supports for Electrical Systems

A. For individual conduit runs not directly fastened to the structure, use threaded rod and hangers manufactured by ABB, Atkore, Eaton, nVent, or Unistrut.

B. Galvanized steel slotted channel support systems with fittings and supports by the same manufacturer.

C. Conduit and cable support devices must be steel with hangers and support suitable for raceway, or cable must be supported.

D. Fabricated metal equipment support assemblies must be bolted structural steel or steel-slotted support systems calculated by a registered structural engineer.

### 3.04 260533.13 Conduit and Boxes for Electrical Systems

A. Provide raceways, fittings, connectors, and accessories for a complete raceway system. Raceways include:

1. Rigid metal conduit (RMC): hot-dipped galvanized.
2. Intermediate metal conduit (IMC): hot-dipped galvanized.
3. Electrical metallic tubing (EMT): electro-galvanized.
4. Polyvinyl chloride conduit (PVC) schedule 40 for below-grade installations.
5. Wireways: enamel finish, hinged type.
6. Flexible metallic conduit: for final connection in dry locations less than 6'lengths.
7. Liquid-tight flexible metal conduit: for final connection in damp or wet locations less than 6' lengths.

B. Minimum electrical conduit size: 1/2 inch. Minimum branch circuit or feeder home run: 3/4 inch. Minimum control voltage and miscellaneous systems conduit: 3/4 inch.

C. Provide fittings and accessories approved for the purpose, listed for use, with the type conduit or raceway. EMT connectors and couplings shall be steel setscrew type indoors and steel compression type in damp or wet locations and outdoors.

D. Outlet boxes: 4-inch square x 1-1/2 inch deep (or larger) galvanized sheet steel KO-type with plaster ring and cover for general interior use. Cast metal type FS or FD with matching screw covers for exterior and exposed interior locations (provide gaskets in damp or wet locations). Larger boxes as required; sized for NEC fill.

E. Junction boxes shall be the same as outlet boxes up to 42 cubic inches. Use code-gauge steel in larger sizes with surface or flush-type screw-mounted trim covers. Boxes and covers painted with inhibitor-primed paint inside and out.

F. Pull boxes shall be the same as junction boxes unless indicated otherwise on the drawings, with covers.

G. Light fixtures shall not be used as a raceway unless listed and marked as a raceway per NEC article 410.64.

H. Electrical conduit installations must be supported per NEC and not exceed 10 feet between supports.

I. Floor boxes (in concrete): rectangular, modular, cast boxes with solid brass cover. See plans for devices. Each system to have independent compartments and flip-up covers.

J. Poke through assemblies: factory-fabricated multi-channeled through floor raceway/firestop with complying with UL 514 scrub water exclusion. See plans for service devices and plate construction.

K. Service poles: factory assembled two-compartment channels extending from floor to 6 inches above the ceiling. Steel with baked white enamel or anodized satin aluminum construction as specific on plans.

L. Surface metal raceways: two compartment steel, devices and finish color as indicated on plans, Wiremold G4000 or equal. other types of surface metal raceways are as specified on plans.

M. Provide necessary backing required to insure rigid mounting of outlet boxes.

N. Enclose electrical power wiring in conduit.

O. Permitted uses for EMT, IMC or RMC as follows:

1. Above ground: use EMT, IMC or RMC only.
2. Locations subject to mechanical injury. IMC or RMC only.
3. Dry locations and not subject to mechanical injury: EMT, IMC or RMC.
4. Damp or wet locations: IMC or RMC

P. Use flexible conduits in the following applications:

1. Recessed lighting fixtures.
2. Motor connections.
3. At building joints.
4. In damp or wet locations flexible connections must be liquid-tight type.

Q. Conduit cast in concrete floors is not allowed.

R. The conduit below grade must be PVC or IMC or RMC.

S. Fittings for EMT shall be steel compression type or steel set-screw type. Die-cast fitting is not allowed.

T. Provide nylon pull cords in empty conduits.

U. Conduit installation for low voltage systems to have a maximum of 180 degrees total bends between pull boxes.

V. Provide expansion fittings that cross expansion joints or span between isolated structures.

W. Provide surface raceways with required fittings, accessories and device outlets noted on plans. Conceal conduit connections.

X. General conduit installation:

1. Run conduit concealed unless otherwise noted or shown.
2. Run conduit parallel to or at right angles to center lines of columns and beams.
3. Conduits above ceiling shall not obstruct the removal of ceiling tiles, lighting fixtures, air diffusers, etc.
4. Conduits shall not cross duct shaft or area designated as future duct shaft horizontally. Conduit riser, when allowed in duct shaft must be coordinated with mechanical work or avoid conflict.

Y. Conduit supports:

1. Support conduits with underwriter's laboratories listed steel conduit support at intervals required by the national electric code. Wires or sheet metal strips are not acceptable for conduit support. Use conduit hangers for conduits not directly fastened to structure and for multiple conduit runs. Do not attach the conduit to mechanical ducts or pipes.
2. Avoid attaching conduit to fan plenums. When it is necessary to support conduit from fan plenum, provide a length of flexible conduit between portions attached to fan plenum and a portion attached to the building to minimize transmission of vibration to the building structure.

Z. Conduit penetration:

1. Fire-rated floor or wall: Provide conduit in conduit sleeve or framed opening. Seal penetration with fire retardant sealant specified herein.
2. Roof or exterior wall: avoid penetrating roof or exterior wall where possible. Where penetrations are necessary, building weatherproof integrity must be preserved.
3. Sound insulated or air plenum wall: Provide conduit in conduit sleeve and seal the penetration.
4. Non-fire rated drywall: conduit sleeves are not required. Penetrations must be sealed with plaster before painting. Penetrations made after wall finish is applied must be as small as possible and provided with escutcheons, one on each side of the wall.
5. Suspended ceiling: cut hole as small as possible to permit conduit penetration. Provide escutcheon for each conduit below the ceiling.

AA. Outlet boxes:

1. Provide outlet boxes and pull boxes as required to accommodate lighting and receptacle branch circuit wiring.
2. Outlet boxes must not be installed back-to-back.
3. Outlet boxes used for line voltage incandescent and halogen wall box dimmers may not be ganged unless noted on the drawings. Where wall box dimmers are shown ganged or grouped under one cover with other switches, de-rate the dimmers per manufacturer's installation instructions.
4. Provide cast steel floor boxes to accommodate power and data connections to freestanding equipment and furniture partitions.
5. All outlet boxes shall be two-gang or 4-inch square x 2-inch deep minimum with plaster ring sized as required.
6. Exterior boxes for branch circuits must be cast aluminum with threaded hubs.

BB.Floor boxes, poke-through, service poles, and multi-outlet assemblies:

1. Adjust floor service outlets and service poles to suit the arrangement of partitions and furnishings.

### 3.05 260536 Cable Trays for Electrical Systems

A. Wire basket cable tray: 12-inch wide by 3-inch deep. Furnish with accessories, hangers, splices, cable dropouts manufactured by the cable tray supplier. Cable tray must be galvanized steel, center-hung or wall hung on angle mounts.

B. Hang cable tray with threaded rod below mechanical ductwork and piping above finished lay-in ceiling. Cable trays must be center hung or angle wall hung for unobstructed cable access.

### 3.06 260541 Electrical Underground Ducts, Ductbanks, and Manholes

A. Underground conduits shall be schedule 40 PVC, IMC or RMC buried in the earth with fittings and accessories by the same manufacturer. Transitions through concrete slabs, pre-manufactured bends or elbows must be IMC or RMC conduit with corrosion protection.

B. Schedule 80 PVC electrical conduit, fiberglass electrical conduit, concrete encased electrical conduit, concrete capped electrical conduit or concrete duct banks as shown on the drawings.

C. Provide underground traceable, plastic warning tape 12 inches above each feeder conduit or groups of branch circuit conduits.

D. Provide exterior branch circuit or feeder handholes in landscape areas. Do not install in sidewalks, roadways or parking lot subject to pedestrian or vehicle traffic.

E. Exterior branch circuit or feeder handholes must be cast fiberglass resin with an open bottom and heavy-duty bolted cover for non-vehicle or non-pedestrian traffic surfaces.

F. Exterior branch circuit or feeder handholes installed in sidewalks, roadways or parking lot subject to pedestrian or vehicle traffic: precast handhole/manhole, manhole cover, and accessories as shown on the drawings.

### 3.07 260553 Identification for Electrical Systems

A. Label control devices and device enclosures with individual nameplates or legend plates.

B. Individual name or legend plates: black laminated plastic plates with white cut letters. Paper, foil or tape markers attached with adhesives shall not be used.

C. Engraved, laminated acrylic or melamine label, punched or drilled for screw mounting. White letters on a dark-gray background. The minimum letter height shall be 3/8 inch. Label the following equipment:

1. Panelboards, electrical cabinets, and enclosures.
2. Access doors and panels for concealed electrical items.
3. Electrical breakers in existing distribution panels.
4. Transformers.
5. Emergency system boxes and enclosures.
6. Disconnect switches.
7. Enclosed circuit breakers.
8. Motor starters.
9. Push-button stations.
10.Contactors.
11.Remote-controlled switches, dimmer modules, and control devices.
12.Panels, terminal cabinets, and racks.

D. Fire alarm system: boxes and covers painted red; factory-applied red coating for fire alarm conduits.

E. Accessible raceways and cables of auxiliary systems: identify the following systems at the panel and junction box locations within each room as follows:

1. Fire alarm system: red boxes and covers. Red conduit.
2. 120/208 volt: mark covers with panel and circuit numbers.
3. 277/480 volt: mark covers with panel and circuit numbers.

F. Receptacles: identify panelboard and circuit number from which served. Use pre-manufactured hot-stamped or engraved machine printing with black filled lettering on the face of the plate, and durable wire markers or tags inside outlet boxes.

G. Provide nameplates for switchgear, panelboards, and similar devices. Nameplates shall be screwed (no adhesive) engraved plastic or photo-etched metallic nameplate identification showing panel designation, voltage, and phase.

H. Provide machine labels on lighting switches and convenience and special purpose receptacles to show panel and circuit number to which the device is connected.

I. Panelboard schedules: after completion of work, provide typewritten updated panelboard schedules in a metal-framed circuit directory inside each panelboard cover, with plastic protector.

J. Color code wires as follows:

1. Voltage phase A phase, B phase, C phase, neutral, ground.
2. 120/208v black, red, blue, white, green.
3. 277/480v brown, orange, yellow, gray, green.

K. Provide Brady wire markers where the number of conductors in a box exceeds four.

### 3.08 260923 Lighting Control Devices

A. Electronic time switches solid-state, programmable unit, alphanumeric display and multiple channels for exterior lighting control. Allow the connection of a photoelectric relay for on/off control of selected channels.

B. Outdoor photoelectric switches: solid-state with dry contacts and metal oxide surge suppressor. Light-level monitoring ranges from 1.5 footcandles to 10 footcandles with adjustable levels for on and off controls.

C. Automatic lighting control devices: operation shall either turn lights on manually or automatically controlled to turn on less than 50% lighting power with the remaining lighting power turned on manually; lighting shall turn off when unoccupied, with a time delay for turning lights off adjustable over a range of 1 to 15 minutes. The following spaces are exceptions and allow full-on automatic control: public corridors and stairwells, restrooms, primary building entrances and lobbies, and areas where manual on operation would endanger the safety and/or security of the building or occupants. Full-on automatic control shall turn lights on when coverage area is occupied, and turn them off when unoccupied; with a time delay for turning lights off, adjustable over a minimum range of 1 to 15 minutes.

1. Indoor photoelectric switches: ceiling-mounted solid-state light level sensor connected to daylighting relays.
2. Indoor occupancy sensor: wall or ceiling mount as indicated on plans. Dual technology solid-state occupancy sensor with a separate power pack.

D. Wall box occupancy sensors: adaptive technology with time delay, the number of integral switches as shown on the drawings (minimum of one (1) switch).

E. Lighting contactors: electrically operated and mechanically held, non-fused switch with 2 wire solid-state control modules.

F. UL924 Emergency shunt relay: normally closed electrically held with automatic switching contacts to bypass local room controls.

G. Wall-mounted programmable dimming control: installed where shown on the drawings with scene selector and multi-station dimming override controls. Lutron Graphic Eye system.

H. LED line voltage dimmers are rated for the quantity and type of fixtures shown on the drawings. Divide the lighting load into multiple switch legs and add additional dimmers to meet the manufacturer's recommendation.

I. Controllers: furnish 120-volt power to each control panel and time switch requiring a source of power to operate.

J. Pull the circuit neutral conductor to light switches. Provide a dedicated neutral to each control.

K. Testing Agency: Engage a qualified testing agency to evaluate lighting control devices and perform tests and inspections. The testing agency shall be independent of the design, construction, and manufacture of equipment. Provide functional testing and certification per the latest edition of ASHRAE 90.1.

### 3.09 262200 Low Voltage Transformers

A. Reuse existing.

### 3.10 262416 Panelboards

A. Reuse existing.

B. Circuit numbers appearing on drawings shall be used for reference only. Actual connections shall be per phasing of the cabinet and load balance requirements. Room numbers or names used for circuit identification shall correspond to nameplates installed on room doors by the general contractor or as selected by the owner and shall be verified as these may not be the same as room titles on the drawings.

### 3.11 262726 Wiring Devices

A. Wiring devices shall be installed in metal device boxes.

B. Switches and receptacles shall be Hubbell, Bryant, Leviton, Pass & Seymour, or approved equal subject to approval by the engineer, color shall be grey for normal power and red for emergency power. Special color device outlets and matching cover-plate as noted on the plans.

C. Switches shall be heavy-duty grade, federal specification FS, ac quiet type, 20-amp, 120/277-volt, with silver alloy contacts, equal to Hubbell #5362.

D. General-purpose duplex receptacles shall be heavy-duty grade, federal specification FS, NEMA 5-20r, 20-amp, 125-volt, 3-wire grounding type devices with steel one-piece ground strap; third pole grounding to the outlet box. Hospital-grade duplex receptacles in patient care areas defined per NEC article 517. Fed spec grade.

E. Ground fault circuit interrupter (GFI) duplex receptacles: heavy-duty grade, federal specification FS, 20-amp devices. GFI receptacles unit wired self-contained and not be connected to feed through unless specifically noted on the drawings. Hospital-grade duplex receptacles in patient care areas defined per NEC article 517.

F. Dead front/Faceless/Blank Face GFCI outlets: UL 943, NEMA WD1 and WD6, feedthrough type, rated 20 amperes at 125 volts, self-grounding, self-testing, with an LED indicator light that shows when the GFCI has malfunctioned and no longer provides proper GFCI protection.

G. NEC weather-resistant rating in damp or wet locations, suitable for "while-in-use" applications.

H. Tamper-resistant rating in areas required by the NEC.

I. AFCI outlets where required by the NEC.

J. Isolated ground receptacles: orange in color or orange triangle on the face.

K. Surge protective device (SPD): type 3 duplex receptacle with indication light and audible alarm.

L. Cover plates: stainless steel type 302 as manufactured by Eagle, Bryant, General Electric, Hubbell or Leviton.

1. Special color plastic cover plates to match to style line type receptacles as noted on the plans.

M. GFCI protected with "while-in-use" weatherproof cover plate for outdoor weatherproof duplex receptacles.

N. Provide hospital-grade receptacles in patient-care areas. Provide with the ground pin or neutral blade at the top.

O. Provide wall plates for flush-mounted wiring devices and flush-mounted special system outlets. Sectional wallplates shall not be used. Blank plates shall be installed over outlets provided for future use. Wallplates shall be secured with matching screws. Engraved wall plates shall have backfill.

P. Provide outlets for and make final electrical connections to electrically powered equipment indicated on the plans or equipment schedules.

### 3.12 262813 Fuses

A. One-time cartridge fuses manufactured by Bussman, Gould Shawmut, or Littlefuse.

B. Provide fuses of the types and ratings designated in the drawings and specifications for each fusible device installed by the contractor.

1. Feeder and branch circuits class RK1 time delay.
2. Motor circuits class RK5 time delay.
3. Control circuit fuses must have a time delay.

C. Furnish and store three (3) spare fuses of each size and type installed during this project at a location directed by the owner. Provide a spare fuse list in the maintenance manuals.

### 3.13 262816 Enclosed Switches, Circuit Breakers, and Controllers

A. Disconnect switches: Heavy-duty, AC, single-throw safety switches built per NEMA requirements with a voidable full-cover interlock and quick-make, quick-break mechanism. Each switch shall be fusible unless non-fusible (NF) is specifically indicated. NEMA 1 enclosures in dry locations and NEMA 3R when exposed to the weather. Furnish a neutral lug kit when the circuit has a neutral.

B. Provide auxiliary contacts to shut down VFD before disconnecting power. Provide rejection fuses where noted.

C. Full voltage non-reversing starters size 0 minimum.

D. Starters must be combination starters with molded-case circuit breakers or fused disconnects, as noted on the drawings, fused control transformers, auxiliary contacts, cover-mounted HOA, and pilot lights.

E. Fractional HP starters quick make quick break single pole switches for integrally protected motors.

F. Multi-pole horsepower-rated switches or enclosed circuit breakers in flush NEMA 1 enclosure where a means of disconnect is required in finished spaces.

G. Devices must be NEMA-rated for the environment they are located in.

H. Obtain exact information about location, electrical characteristics, and wiring for equipment furnished by others from the contractor furnishing the equipment. This information shall be verified by examining nameplates and manufacturer's wiring diagrams. Discrepancies between the equipment requirements and the provisions made by these specifications shall be reported. Equipment damaged as a result of the contractor's failure to observe the manufacturer's requirements shall be replaced or repaired by the contractor. The thermal protection elements in manual starters shall be rechecked with nameplate data at the site before the operation of the equipment. Where necessary, the thermal protection elements shall be changed to properly protect the equipment.

I. Provide manual thermal protection for motors not integrally equipped with thermal protection.

J. Provide final electrical connections to motors and electrically powered equipment indicated on the plans or equipment schedule.

K. Provide a disconnect switch immediately ahead of and adjacent to each magnetic motor starter or appliance unless the motor appliance is located adjacent and within sight of the serving panelboard, circuit breaker or switch. Verify equipment nameplate current ratings before installation.

L. Provide a fused disconnect switch on transformer secondary where secondary conductors exceed 25' from terminal to secondary overcurrent device.

M. Provide disconnect switches having the number of poles and ampere ratings as shown on the drawings and as specified in equipment schedules.

### 3.14 264300 Surge Protective Devices

A. Existing to remain

### 3.15 265100 Interior Lighting

A. Existing to remain.

**DIVISION 27 COMMUNICATIONS**

### 3.16 270533 Pathways for Communications Systems

A. Provide an empty conduit, backbox, and junction box system for others to install the owner's voice, data, and A/V. The owner's communications cabling contractor provides telephone and network systems equipment and cabling.

B. The electrical contractor shall coordinate the installation and installation schedule for miscellaneous low-voltage systems of this section with the owner, landlord, or affected tenants.

C. The minimum conduit size is 3/4 inches with larger sizes shown on the drawings and as indicated below.

D. For each telephone, data, or telephone/data outlet indicated on the drawings, provide a 4-11/16 inches square by 2-1/8 inches deep box with a single gang ring and 1-1/4 inches conduit concealed from the device to the nearest accessible ceiling, floor space, or accessible access panel in hard-lid ceilings unless noted otherwise.

E. The owner shall provide the wire, cable, and connecting devices and test wiring systems that must be used as signal pathways for low-voltage systems specified in this section, where called for in the drawings.

F. The contractor shall coordinate the installation and schedule for low voltage systems of this section with the owner and adjacent affected tenants. The contractor shall run necessary conduits with pull wires, pull and junction boxes.

G. Provide a complete conduit system in those spaces for the owner's wiring here, low voltage systems pass through another tenant space or area not controlled by the owner,

H. Provide 120-volt connections to equipment as required. A 120-volt receptacle should be adjacent to each voice and data system outlet.

### 3.17 275116 Paging System

A. Not used.

**DIVISION 28 ELECTRONIC SAFETY AND SECURITY SYSTEMS**

### 3.18 280533 Pathways for ESS Systems

A. Provide an empty conduit, backbox, and junction box rough-in for installation of the following owner's systems: 1) Security and duress systems, 2) Card access system, 3) Point of sale systems (POS), and 4) Closed Circuit TV camera systems.

B. The owner furnishes and installs the equipment, cables, terminations, and tests the miscellaneous systems.

C. The electrical contractor shall coordinate the installation and installation schedule for miscellaneous low-voltage systems of this section with the owner, landlord, or affected tenants.

D. The minimum conduit size is 3/4 inches, with larger sizes shown on the drawings, as indicated below.

1. Special colors: fire alarm conduits factory applied red coating.

E. The electrical contractor shall run necessary conduits with pull wires and pull and junction boxes.

F. Provide conduit bushings on conduit ends. Provide a pull cord in conduits.

G. Provide 120-volt connections to equipment as required. Provide a 120-volt receptacle adjacent to CCTV and A/V system outlets.

H. Security and duress systems: Backboxes as required by the vendor, 3/4-inch conduit stubbed into the accessible ceiling or joist space. The owner's vendor provides security and duress systems and wiring.

I. Security and duress systems: Backboxes as required by the vendor, 3/4-inch conduit stubbed into the accessible ceiling or joist space. The owner's vendor provides security and duress systems and wiring.

J. Card access system: Backboxes as required by the vendor, 3/4-inch conduit stubbed into the accessible ceiling or joist space. The owner's vendor will provide card access systems and wiring.

K. CCTV camera systems: Backboxes as required by the vendor, 3/4-inch conduit stubbed into the accessible ceiling or joist space. The owner's vendor will provide card access systems and wiring.

### 3.19 283111 Fire Alarm System

A. Dunham is not the engineer of record for fire alarm. The electrical contractor shall include a price in the electrical bid for the landlord approved modifications to the existing fire alarm system as required by the new construction including plans and all associated documents as required by the AHJ.


MJM ARCHITECTS

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MJM #26363
ARCHITECT


Digitally signed by Christopher A Jenkins
DN: CN=Christopher A Jenkins

GEORGIA REGISTERED No. PE 049273 PROFESSIONAL ENGINEER CHRISTOPHER A. JENKINS

SEAL


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DUNHAM PROJECT: 0427752-229


BEST BUY

#0504

GWINNETT
1875 PLEASANT HILL RD
DULUTH, GA 30096

BEST BUY
FY28 REFLOW

| SQUARE FOOTAGE CALCULATIONS | |
|---|---|
| RETAIL: | 46,497 SF |
| ISC BAY: | 1,031 SF |
| SUPPORT ROOMS: | - SF |
| STORAGE/REMAINING: | 2,956 SF |
| TOTAL: | 50,484 SF |

BID/PERMIT

Issue Date: 10/12/2026

REVISION INFORMATION

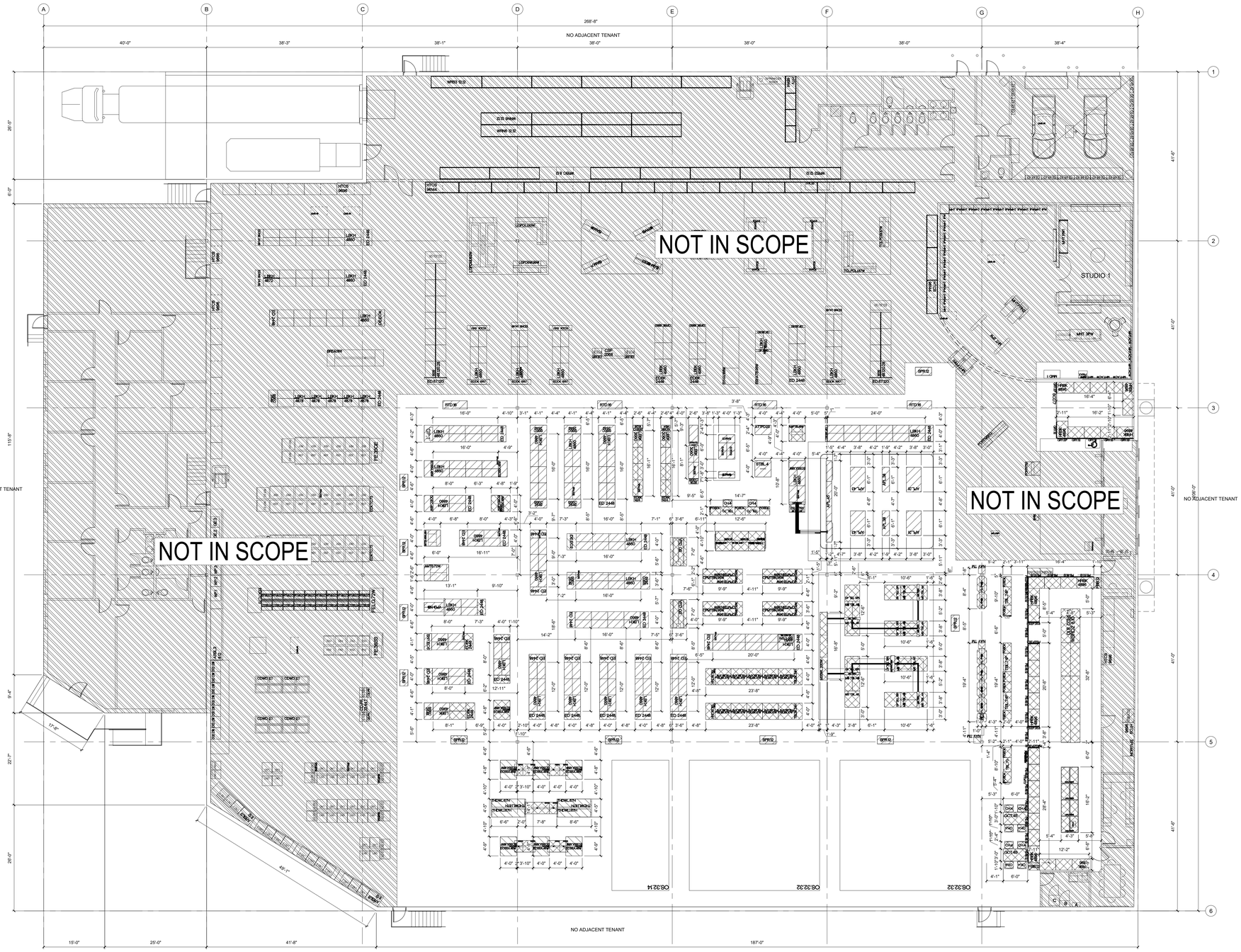
PROTOTYPE

CONCEPT: 45K C2.1 / FORMAT: L

Drawing

ELECTRICAL SPECIFICATIONS

E5.0




1 FIXTURE PLAN

SCALE: 3/32" = 1'-0"

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ARCHITECT

SEAL

CONSULTANT

BEST BUY

#0504

GWINNETT
1875 PLEASANT HILL RD
DULUTH, GA 30096

BEST BUY
FY28 REFLOW

SQUARE FOOTAGE CALCULATIONS

| | |
|---|---|
| RETAIL: | 46,497 SF |
| ISC BAY: | 1,031 SF |
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BID/PERMIT SET

Issue Date: 10/12/2026

REVISION INFORMATION

PROTOTYPE

CONCEPT: 45K C2.1 / FORMAT: L

Drawing

FIXTURE PLAN

F1.0

# GENERAL NOTES

1. ALL FIXTURES AND CASEWORK TO BE INSTALLED BY GENERAL CONTRACTOR.
2. GENERAL CONTRACTOR TO PROVIDE BLOCKING FOR ALL WALL STANDARDS.
3. ALL FIXTURE DIMENSIONS ARE MEASURED FROM KICK PLATE TO KICK PLATE WHEN APPLICABLE.
4. * DENOTES SEISMIC FIXTURES
5. GENERAL CONTRACTOR RESPONSIBLE FOR INSTALLATION OF BBY PROVIDED "WEIGHT RESTRICTION" LABELS ON WAREHOUSE RACKING. REFER TO FIXUTRE AND STRUCTURAL PLANS FOR PLACEMENT.

## GC INSTALLED

| ID | DESCRIPTION |
|---|---|
| AMPTB.48W | AMAZON PLAY TABLE 2026 VERSION: 4'-0" DEEP X 4'-0" WIDE X 5'-8" HIGH |
| AMTB.72W* | AMAZON TABLE: 4'-0" DEEP X 6'-0" WIDE X 5'-9" HIGH |
| APDKVE | AP DESK VALUE ENGINEERED: 2'-1" DEEP X 5'-0" WIDE X 3'-4" HIGH |
| ATTFD2S | AT&T 4FT X 2FT FREESTANDING DISPLAY 2 SIDED: 2'-4" DEEP X 4'-0" WIDE X 5'-8" HIGH |
| BKTB.48W.48H | BLINK TABLE: 4'-0" DEEP X 4'-0" WIDE X 4'-0" HIGH |
| CH.4 | ALLERMUIR KIN - POLY ARMCHAIR: 1'-10" DEEP X 2'-2" WIDE X 2'-9" HIGH |
| CPMEC.42W* | COMPUTER MONITOR TABLE ENDCAP: 1'-9" DEEP X 3'-6" WIDE X 7'-0" HIGH |
| CPMTB.96W* | COMPUTER MONITOR TABLE: 3'-6" DEEP X 8'-0" WIDE X 7'-0" HIGH |
| CPMTBIN.96W* | COMPUTER MONITOR TABLE INSERT: 1'-9" DEEP X 8'-0" WIDE X 7'-0" HIGH |
| CTP.1 | CONSULT TABLE POWER PANEL: 2'-0" DEEP X 0'-3" WIDE X 2'-7" HIGH |
| DE.EC2 | DYSON DISPLAY ENDCAP AP01: 2'-3" DEEP X 4'-0" WIDE X 5'-0" HIGH |
| DE.EC4 | DYSON DISPLAY ENDCAP AP04: 2'-3" DEEP X 4'-0" WIDE X 5'-0" HIGH |
| DRC.1 | DISPLAY ROLLINGCART: 1'-0" DEEP X 2'-0" WIDE X 5'-0" HIGH |
| ECSSA.48W | ENDCAP SIDESTOCK A: 2'-3" DEEP X 4'-1" WIDE X 5'-0" HIGH |
| EDBK1424 | END DECK: 16" DEEP X 2'-1" WIDE X 5'-0" HIGH |
| ED 2448 | END DECK: 2'-0" DEEP X 4'-0" WIDE X 5'-0" HIGH |
| EDBK 2448 | END DECK - BLACK: 2'-2" DEEP X 4'-1" WIDE X 5'-0" HIGH |
| EDDK 1567 | END DECK W/WINGS AND DRESS KIT: 1'-3" DEEP X 5'-7" WIDE X 5'-6" HIGH |
| ES CTR1 | EMPLOYEE STATION COUNTER: 2'-0" DEEP X 3'-10" WIDE X 3'-4" HIGH |
| ES REG INS | EMPLOYEE STATION REGISTER INSERT: 2'-0" DEEP X 3'-4" WIDE X 3'-0" HIGH |
| EW.2 | EYEWASH STATION: 1'-4" DEEP X 1'-6" WIDE X 2'-11" HIGH |
| EWW2.24 | ELECTRIC WIREWAY 2: 1'-7" DEEP X 2'-0" WIDE X 0'-1" HIGH |
| FBB.12 | FILLER BOX - BLACK: 0'-8" DEEP X 2'-8" WIDE X 5'-0" HIGH |
| FEB.1 | FIXTURE EXTENSION BLACK: 0'-2" DEEP X 0'-2" WIDE X 10'-0" HIGH |
| FEG.1 | FIXTURE EXTENSION GREY: 0'-2" DEEP X 0'-2" WIDE X 10'-0" HIGH |
| FL P48 | FRONT LANE PEG: 0'-7" DEEP X 4'-0" WIDE X 4'-0" HIGH |
| FL S48 | FRONT LANE SHELF: 0' 7" DEEP X 4'-0" WIDE X 4'-0" HIGH |
| FOHGMSGN | FOH GEEK MEDALLION SIGNAGE: 0'-2" DEEP X 13'-4" WIDE X 1'-11" HIGH |
| FOHTVTM* | FOH 65IN TV TOTEM: 3'-8" DEEP X 3'-4" WIDE X 6'-11" HIGH |
| GCT.4S | GEEK CONSULTATION TABLE: 3'-0" DEEP X 6'-0" WIDE X 2'-10" HIGH |
| GF 4860 | END FRAME GRIDLESS: 0'-3" DEEP X 4'-0" WIDE X 5'-0" HIGH |
| GOEC.48W | GOOGLE ENDCAP: 2'-2" DEEP X 4'-0" WIDE X 5'-0" HIGH |
| GP.1 | GO PRO ENDCAP: 2'-1" DEEP X 4'-2" WIDE X 5'-7" HIGH |
| GRY.12* | CUSTOMER SERVICE GRAY PANEL: 0'-0.25" DEEP X 4'-0" WIDE X 12'-0" HIGH |
| GRY.EP* | CUSTOMER SERVICE GRAY END PANEL: 0'-0.25" DEEP X 2'-9" WIDE X 12'-0" HIGH |
| HRBK 4896* | HALF RACK BLACK: 2'-9" DEEP X 4'-0" WIDE X 8'-0" HIGH |
| LBBK 4960 | LOWBAY KEYHOLE - BLACK: 2'-1" DEEP X 4'-0" WIDE X 5'-0" HIGH |
| LBKH 4860 | LOWBAY KEYHOLE: 2'-0" DEEP X 4'-0" WIDE X 5'-0" HIGH |
| LND | APPLIANCE LAUNDRY: 2'-10" DEEP X 2'-6" WIDE X 3'-7" HIGH |
| MBB.7366* | MBB DBL STORAGE RACK ASSEMBLY - WHITE: 2'-2" DEEP X 4'-2" WIDE X 8'-2" HIGH |
| MBB.7367* | MBB DBL STORAGE RACK ASSEMBLY - WHITE: 2'-2" DEEP X 4'-0" WIDE X 8'-2" HIGH |
| MHT.ACW* | MAGNOLIA ACCESSORY WALL: 0'-2" DEEP X 4'-0" WIDE X 8'-2" HIGH |
| MHT.PMAX | PANAMAX DISPLAY: 1'-10" DEEP X 2'-2" WIDE X 3'-10" HIGH |
| MMD 1 | MAGNOLIA MERCH DISPLAY: 2'-0" DEEP X 4'-0" WIDE X 5'-0" HIGH |
| OS.32.14 | |
| OS.32.32 | |
| PB.48.12* | PANEL STACKED - BLUE: 0'-0.78" DEEP X 4'-0" WIDE X 11'-11.38" HIGH |
| PB.48.8* | PANEL FOH - BLUE: 0'-0.78" DEEP X 4'-0" WIDE X 7'-11.38" HIGH |
| PB.50.12* | PANEL STACKED - BLUE: 0'-0.78" DEEP X 4'-2" WIDE X 11'-11.38" HIGH |
| PB.EP.35.8* | END PANEL ASSEMBLY - BLUE: 0'-2.53" DEEP X 2'-11" WIDE X 7'-11.38" HIGH |
| PMG.48.12* | PANEL STACKED - MOUSE GREY: 0'-0.78" DEEP X 4'-0" WIDE X 11'-11.38" HIGH |
| PMG.48.8* | PANEL FOH - MOUSE GREY: 0'-0.78" DEEP X 4'-0" WIDE X 7'-11.38" HIGH |
| PMG.50.12* | PANEL STACKED - MOUSE GREY: 0'-0.78" DEEP X 4'-2" WIDE X 11'-11.38" HIGH |
| PMG.EP.35.12* | END PANEL STACKED - MOUSE GREY: 0'-2.53" DEEP X 2'-11" WIDE X 11'-11.38" HIGH |
| POSDK | POS DESK SHORT SHROUD: 2'-1" DEEP X 2'-6.25" WIDE X 3'-10" HIGH |
| PTABX | PRODUCT TABLE AMP BOX - BLACK: 0'-4" DEEP X 4'-0" WIDE X 2'-10" HIGH |
| PTBLIBK.47W | PRODUCT TABLE INLINE BLACK: 2'-0" DEEP X 3'-11" WIDE X 2'-10" HIGH |
| REF.1 | APPLIANCE REFRIGERATOR: 3'-4" DEEP X 3'-2" WIDE X 5'-8" HIGH |
| RTD.16 | RACETRACK DISPLAY: 2'-0" DEEP X 6'-0" WIDE X 5'-0" HIGH |
| SAM.12* | SAMSUNG SEE CONNECTIONS TOTEM: 0'-10" DEEP X 4'-0" WIDE X 8'-0" HIGH |
| SAM.13 | SAMSUNG SEE CONNECTIONS TABLE: 2'-0" DEEP X 4'-0" WIDE X 2'-9" HIGH |
| SCD.7* | STRIP CURTAIN DOOR CTF: 0'-2" DEEP X 7'-0" WIDE X 8'-6" HIGH |
| SCBK.44H | SHARK CAGE - BLACK: 2'-2" DEEP X 4'-0" WIDE X 3'-8" HIGH |
| SCMBK | SHARK CAGE MOBILE BLACK: 2'-2.25" DEEP X 4'-0" WIDE X 2'-8.75" HIGH |
| SNY.EC6 | SONY VG ENDCAP DISPLAY: 1'-10" DEEP X 4'-1" WIDE X 5'-0" HIGH |
| SPR.12 | PRODUCT DISPLAY SHIPPER: 2'-0" DEEP X 4'-0" WIDE X 5'-0" HIGH |
| SSEC 2649 | SIDESTOCK ENDCAP: 2'-2" DEEP X 4'-1" WIDE X 5'-0" HIGH |
| SSECCKT | SIDESTOCK BACK TO BACK CONNECTION KIT TALL 4FT: 0'-4" DEEP X 4'-0.5" WIDE X 5'-0" HIGH |
| STBL.4 | SAMSUNG WARDROBE TABLE: 4'-0" DEEP X 4'-0" WIDE X 4'-1" HIGH |

| | |
|---|---|
| STCTC4 | STEELCASE THREAD CONDUIT 4 CIRCUIT: 0'-10" DEEP X 5'-0" WIDE X 0'-0.25" HIGH |
| TBL.70 | POS COUNTER: 2'-0" DEEP X 3'-6" WIDE X 2'-8" HIGH |
| TBL.74P | ORDER PICKUP COUNTER W/FRONT PANEL: 2'-0" DEEP X 4'-6" WIDE X 2'-8" HIGH |
| TBLBK.34H | PRODUCT TABLE - BLACK: 2'-0" DEEP X 4'-0" WIDE X 2'-10" HIGH |
| THDWL.150W | THEATER DISTRICT WALL: 3'-6" DEEP X 12'-6" WIDE X 5'-8" HIGH |
| THDWLI* | THEATER DISTRICT WALL INSERT: 2'-2.25" DEEP X 12'-2" WIDE X 12'-0" HIGH |
| TV.MT3 | GEEK SCHEDULER MONITOR: 0'-2" DEEP X 4'-9" WIDE X 2'-9" HIGH |
| VENDING | EQUIPMENT VENDING: 2'-1" DEEP X 3'-1" WIDE X 5'-0" HIGH |
| VPD N3* | NINTENDO PLAY TABLE ENDCAP: 1'-2" DEEP X 4'-9" WIDE X 6'-4" HIGH |
| WSRD2 8.10* | WAREHOUSE RACK - WIDE SPAN REGULAR DUTY: 2'-4" DEEP X 8'-2" WIDE X 10'-0" HIGH |

## VENDOR INSTALLED

| ID | DESCRIPTION |
|---|---|
| APL.31 | APPLE PRODUCT TABLE: 3'-7" DEEP X 6'-0" WIDE X 2'-10" HIGH |
| APL.38 | APPLE FLEX BAR: 1'-9" DEEP X 6'-1" WIDE X 2'-10" HIGH |
| APL.43 | APPLE PRODUCT TABLE LOW SECURITY: 3'-7" DEEP X 6'-0" WIDE X 2'-10" HIGH |
| APL.45* | APPLE FLEX WALL FREE STANDING: 1'-5" DEEP X 5'-1" WIDE X 7'-11" HIGH |
| ATTFD2S | AT&T 4FT X 2FT FREESTANDING DISPLAY 2 SIDED: 2'-4" DEEP X 4'-0" WIDE X 5'-8" HIGH |
| MS TBL.44 | MICROSOFT TABLE W/LOGO: 2'-0" DEEP X 3'-8" WIDE X 2'-10" HIGH |
| MS TBL.45 | MICROSOFT TABLE W/LOGO: 4'-0" DEEP X 3'-8" WIDE X 2'-10" HIGH |
| MS TBL.46 | MICROSOFT TABLE: 1'-10" DEEP X 4'-0" WIDE X 2'-10" HIGH |
| MS TBL.47 | MICROSOFT ACC TABLE: 1'-6" DEEP X 3'-8" WIDE X 2'-9" HIGH |
| MS TWR.1 | MICROSOFT TOWER: 0'-6" DEEP X 4'-0" WIDE X 5'-0" HIGH |
| MSSWL.200W* | MICROSOFT SHOP WALL: 1'-10" DEEP X 16'-8" WIDE X 9'-0" HIGH |
| MSTWRD.48W* | MICROSOFT SURFACE TABLE DIGITAL TOWER: 1'-0" DEEP X 4'-0" WIDE X 7'-0" HIGH |

## HATCH LEGEND

| | |
|---|---|
| | MOVE EXISTING FIXTURE TO NEW LOCATION |
| | NEW FIXTURE |
| | EXISTING FIXTURE WITH MODIFICATION |
| (NO HATCH) | FIXTURE TO REMAIN IN EXISTING LOCATION |


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SEAL

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BEST BUY

**#0504**

GWINNETT
1875 PLEASANT HILL RD
DULUTH, GA 30096

BEST BUY
FY28 REFLOW

SQUARE FOOTAGE CALCULATIONS

| | |
|---|---|
| RETAIL: | 46,497 SF |
| ISC BAY: | 1,031 SF |
| SUPPORT ROOMS: | - SF |
| STORAGE/REMAINING: | 2,956 SF |
| TOTAL: | 50,484 SF |

BID/PERMIT SET

Issue Date: 10/12/2026

REVISION INFORMATION

| | |
|---|---|
| | |
| | |
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| | |
| | |

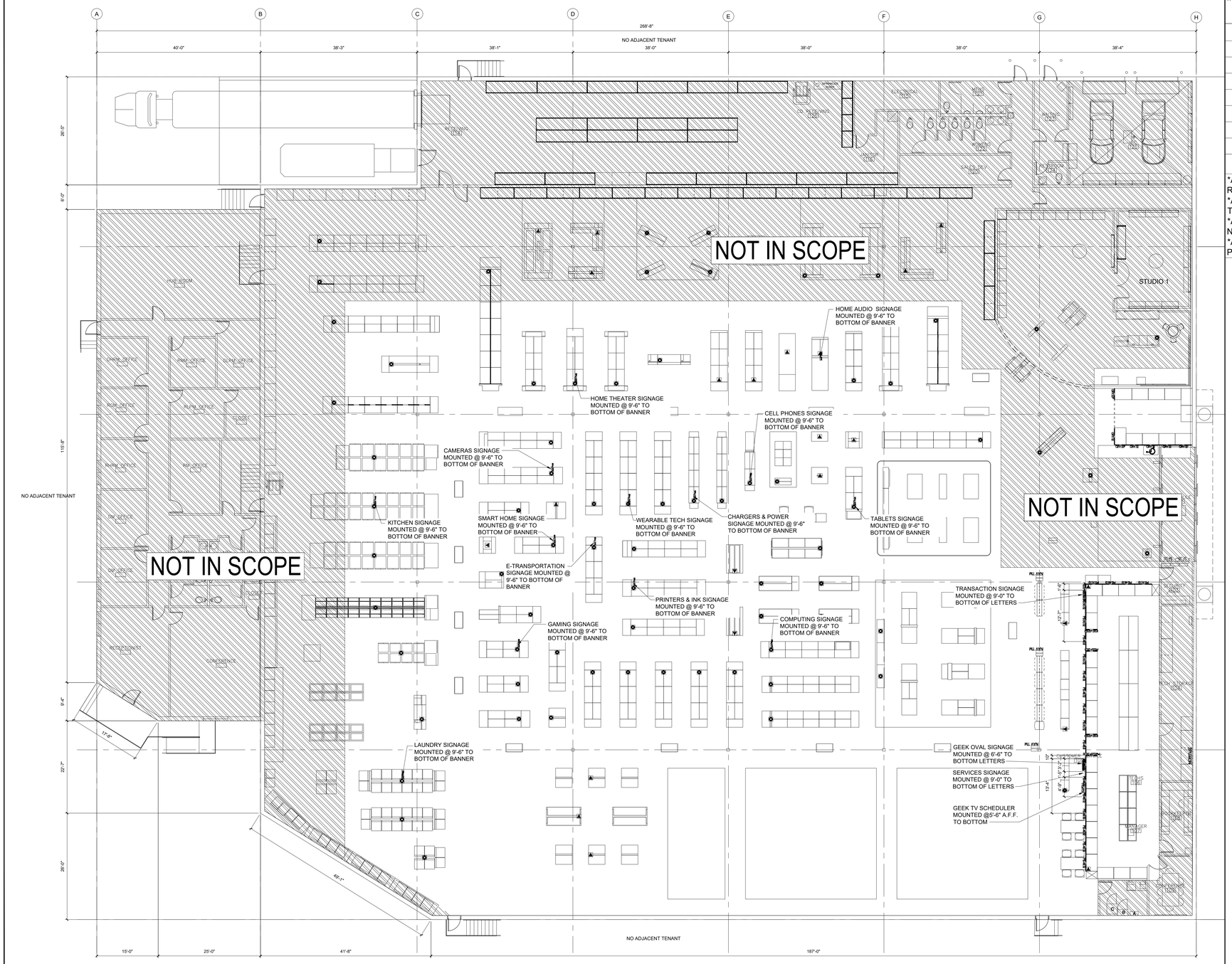
PROTOTYPE

CONCEPT: 45K C2.1 / FORMAT: L

Drawing

FIXTURE LEGEND

F1.1




1 FIXTURE SIGN PLAN

SCALE: 3/32" = 1'-0"

## GENERAL NOTES

1. ALL SUSPENDED BANNERS, TOPPERS, SIGNS, ETC... TO BE INSTALLED BY THE FIXTURE CONTRACTOR. ELECTRICAL CONTRACTOR TO MAKE FINAL POWER CONNECTIONS.

2.REFER TO PLAN SHEET E-1 OR ELECTRICAL DETAILS FOR ADDITIONAL INFORMATION.

3. ALL HANGING ITEMS SUSPENDED FROM CEILING TO BE HUNG IN FLUTE OF THE DECK ABOVE TOP CORD OF JOIST USING UNISTRUT SIZED PER DETAIL OR INDICATED OTHERWISE BY STRUCTURAL ENGINEER.

## FIXTURE LEGEND

| ID | DESCRIPTION |
|---|---|
| FOHGMSGN | FOH GEEK MEDALLION SIGNAGE: 0'-2" DEEP X 13'-4" WIDE X 1'-11" HIGH |
| FOHSSGN | FOH SERVICES SIGNAGE: 0'-2" DEEP X 13'-4" WIDE X 1'-10" HIGH |
| FOHTSGN | FOH TRANSACTIONS SIGNAGE: 0'-2" DEEP X 12'-7" WIDE X 1'-10" HIGH |
| NAV PWB | PRIMARY WAYFINDING BANNER: 0'-3" DEEP X 1'-1" WIDE X 5'-0" HIGH |
| NAV TM | NAV SIGN TOTEM: 1'-4" DEEP X 1'-8" WIDE X 5'-5" HIGH |
| TV.MT3 | GEEK SCHEDULER MONITOR: 0'-2" DEEP X 4'-9" WIDE X 2'-9" HIGH |

## EXISTING DEPARTMENT SIGNAGE

*ALL EXISTING DEPARTMENT SIGNAGE SHOULD BE REMOVED INCLUDING RACETRACK BANNER RODS.
*ALL NOT IN SCOPE FRONT OF HOUSE, CUSTOMER SERVICE AND GEEK SIGNAGE TO REMAIN.
*ALL FIXTURE FALSE WALL SCRIM PANNELS TO REMAIN UNLESS SHOWN AND NOTED ON THE PLAN.
*ALL RESTROOM SIGNAGE TO REMAIN UNLESS SHOWN AND NOTED ON THE PLAN.

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BEST BUY #0504

GWINNETT
1875 PLEASANT HILL RD
DULUTH, GA 30096

BEST BUY
FY28 REFLOW

SQUARE FOOTAGE CALCULATIONS

| | |
|---|---|
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| ISC BAY: | 1,031 SF |
| SUPPORT ROOMS: | - SF |
| STORAGE/REMAINING: | 2,956 SF |
| TOTAL: | 50,484 SF |

BID/PERMIT SET

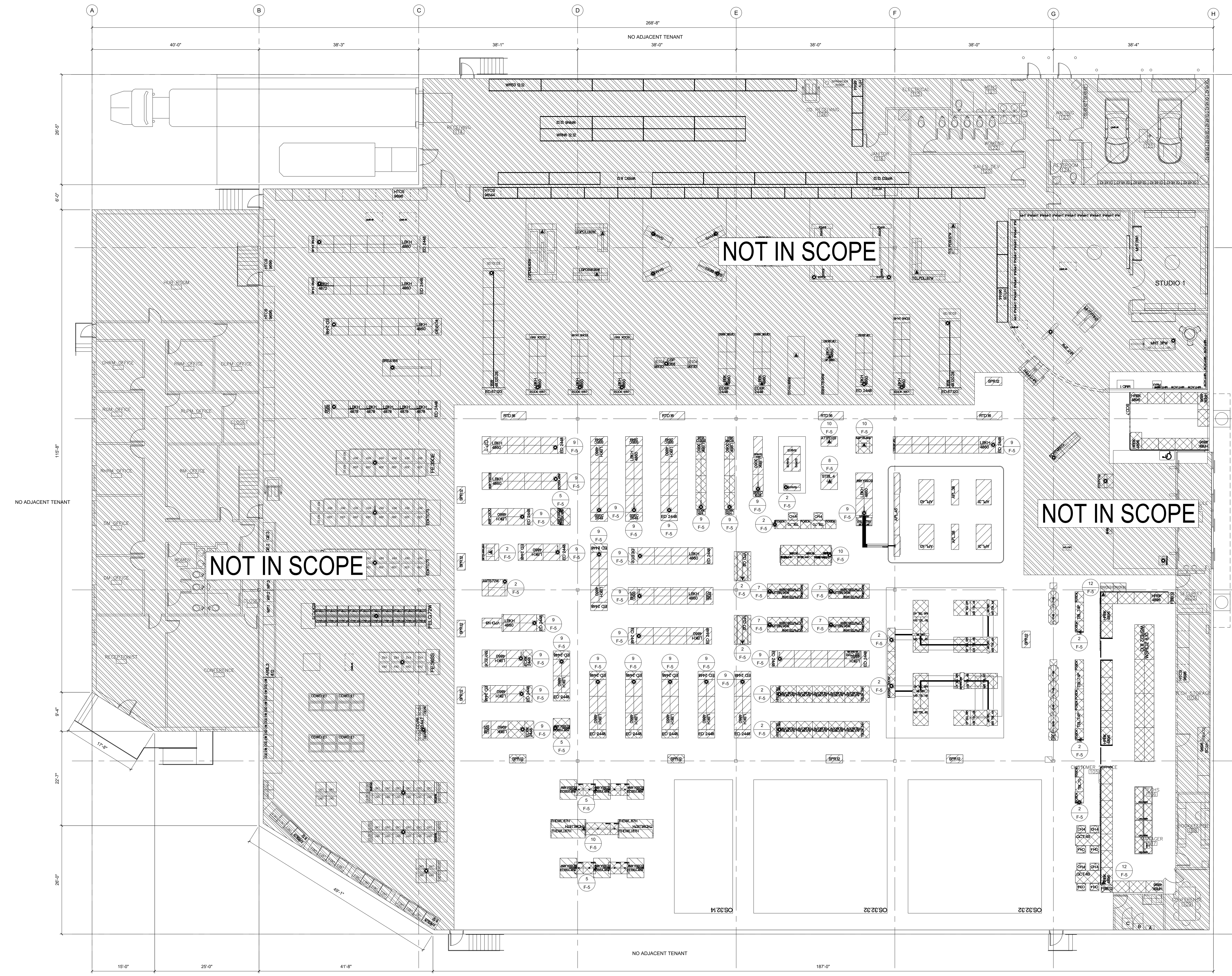
Issue Date: 10/12/2026

REVISION INFORMATION

PROTOTYPE
CONCEPT: 45K C2.1 / FORMAT: L

Drawing
FIXTURE SIGN PLAN

F2.0




1 FIXTURE EXTENSION PLAN

SCALE: 3/32" = 1'-0"

# GENERAL NOTES

1. ALL FIXTURE EXTENSIONS TO BE INSTALLED BY THE FIXTURE CONTRACTOR. ELECTRICAL CONTRACTOR TO MAKE FINAL POWER CONNECTIONS.

2.REFER TO ELECTRICAL DETAILS FOR ADDITIONAL INFORMATION.

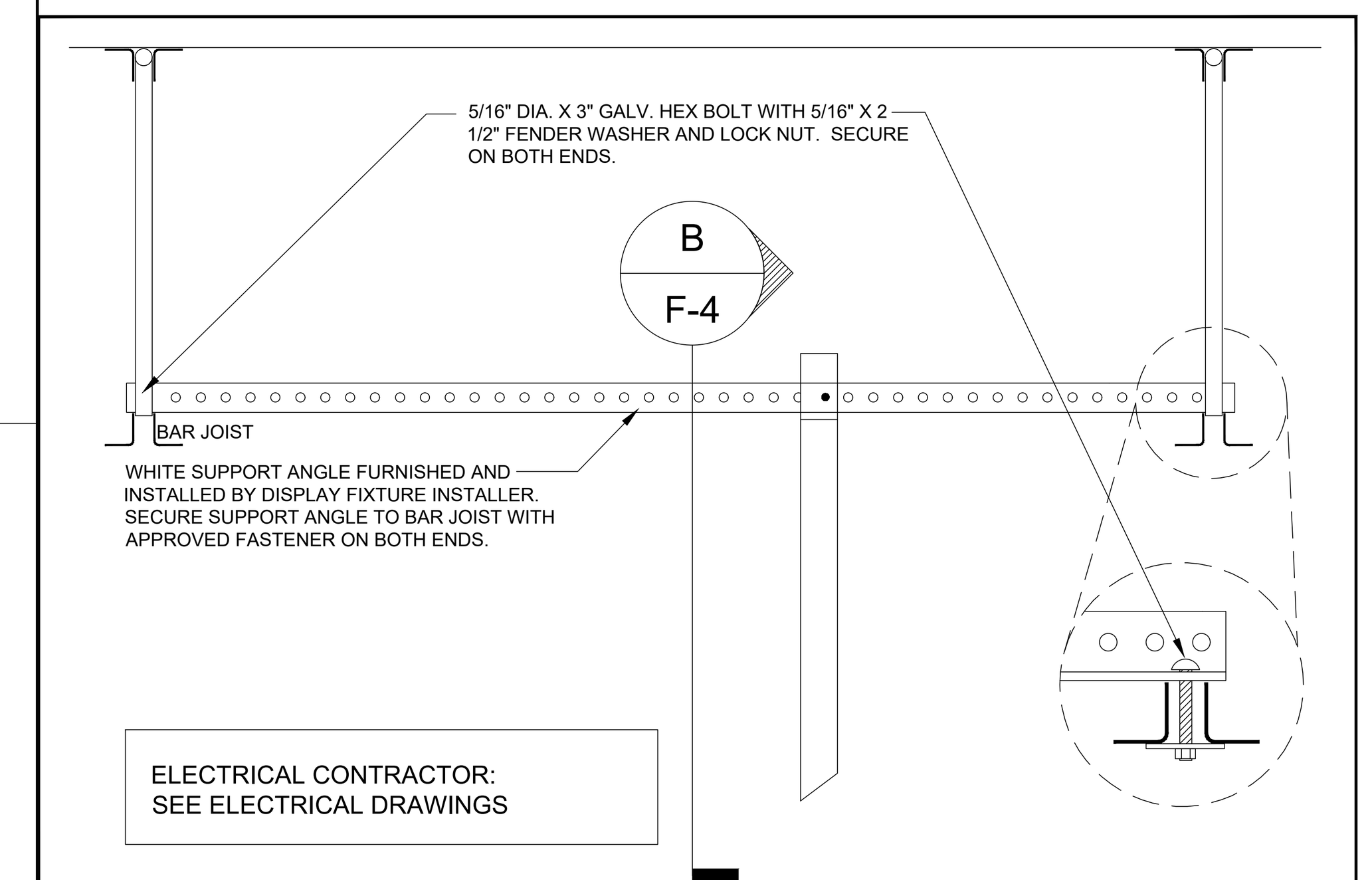
3. ALL FIXTURE EXTENSIONS TO BE SUSPENDED FROM THE CEILING USING UNISTRUT PER FIXTURE EXTENSION ATTACHMENT DETAILS OR INDICATED OTHERWISE BY STRUCTURAL ENGINEER.

# FIXTURE EXTENSION KEY

| | |
|---|---|
| ◙ | 2" STANDARD EXTENSION - GREY |
| ▲ | 2" STANDARD EXTENSION - BLACK |
| ✚ | FREE STANDING TOTEM EXTENSION - BLACK |
| ⊞ | FREE STANDING TOTEM EXTENSION - GREY |

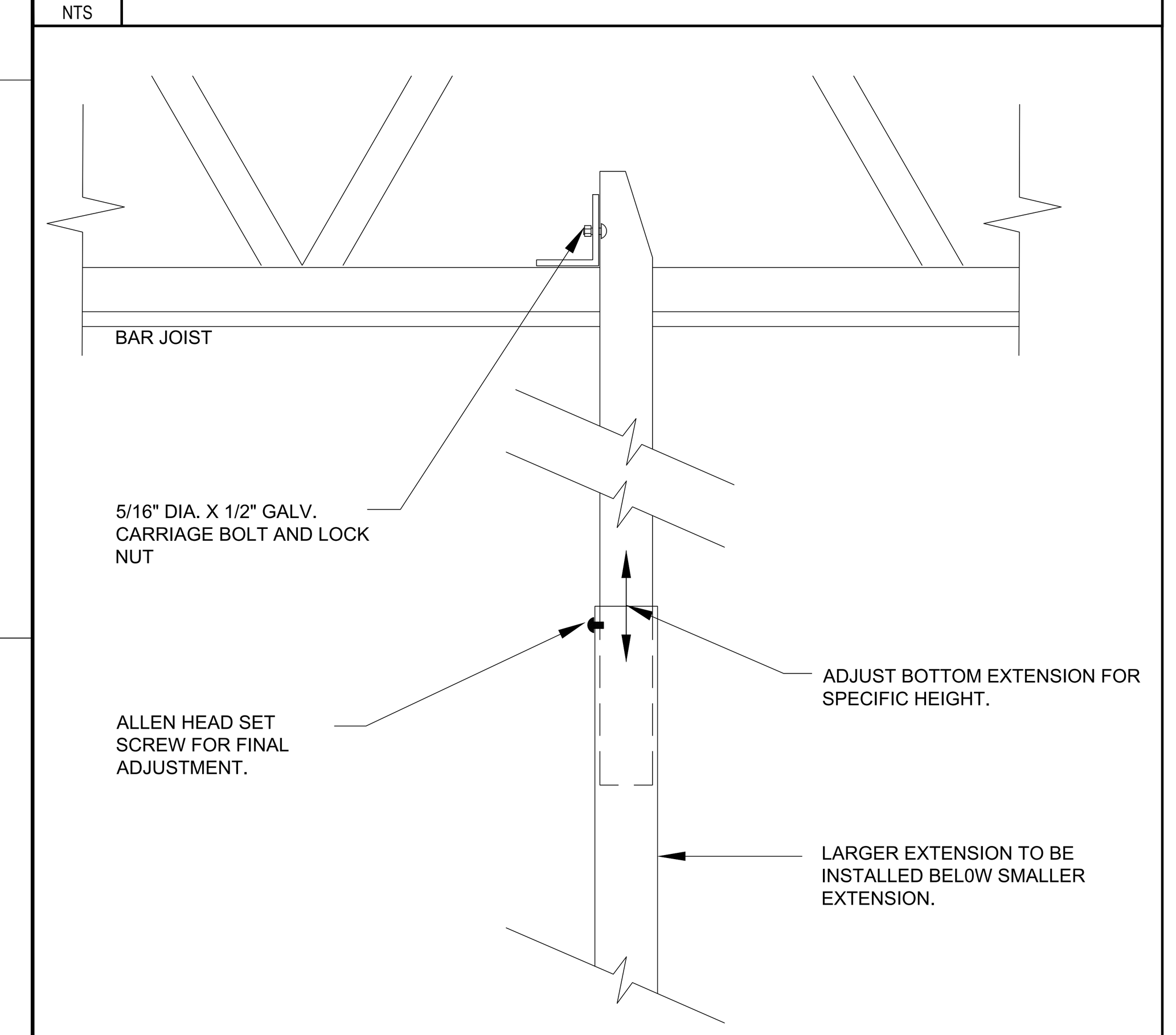
# WIREWAY KEY

| | |
|---|---|
| EWW.2 36 | STANDARD IN-CARPET WIREWAY, CUT TO FIT |
| | STUBUP TRENCH BOX |
| STCTC2 STCTC4 STCTC8 | STEELCASE FOR APPLE |




A FIXTURE EXTENSION ATTACHMENT @ JOIST DETAIL

SCALE: NTS




B JOIST ATTACHMENT DETAIL

SCALE: NTS


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DULUTH, GA 30096

BEST BUY
FY28 REFLOW

| SQUARE FOOTAGE CALCULATIONS | |
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Issue Date: 10/12/2026

REVISION INFORMATION

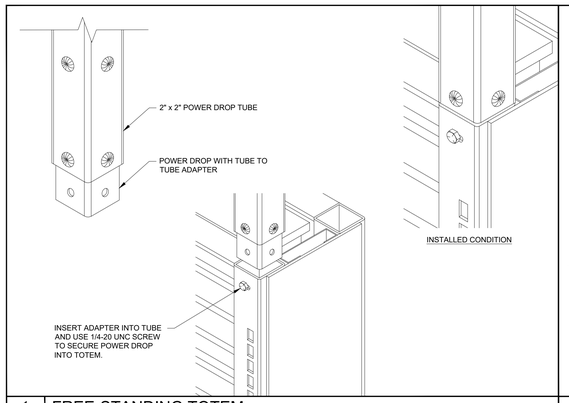
PROTOTYPE

CONCEPT: 45K C2.1 / FORMAT: L

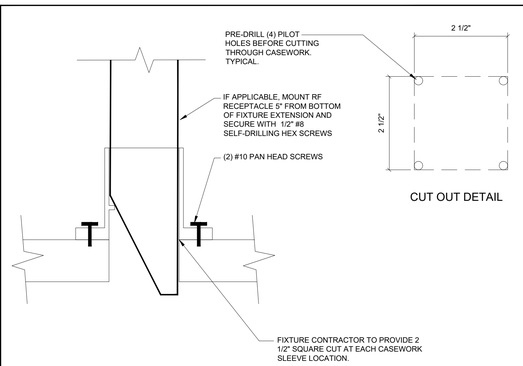
Drawing

FIXTURE EXTENSION PLAN

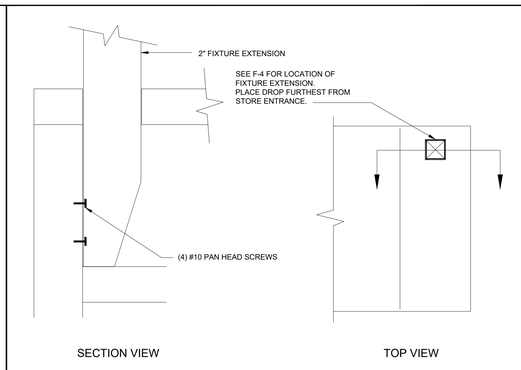
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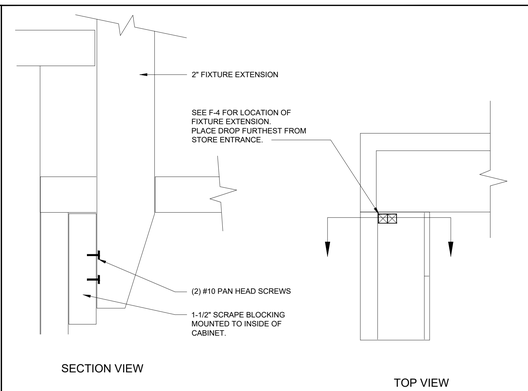

1 SCALE: NTS — FREE-STANDING TOTEM



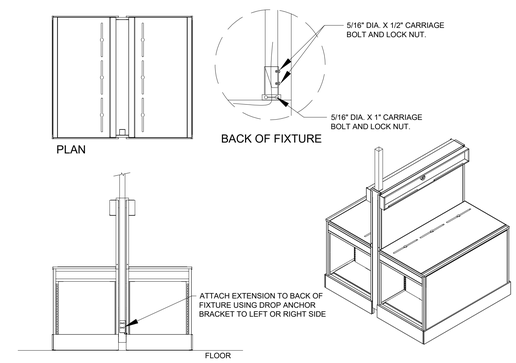

2 SCALE: NTS — CASEWORK SLEEVE DETAIL



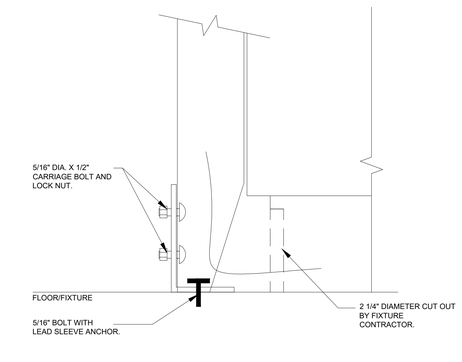

3 SCALE: NTS — POINT OF SALE (POS) DETAIL



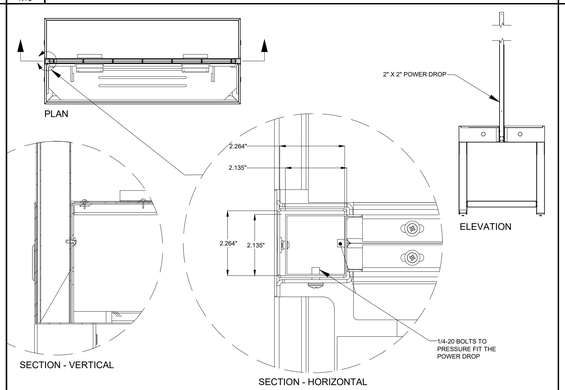

4 SCALE: NTS — PAC SALES CONSULT DETAIL



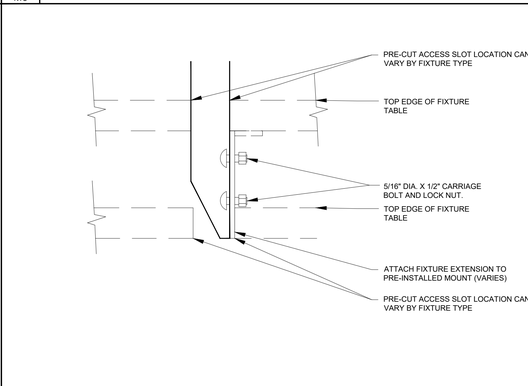

5 SCALE: NTS — SIDESTOCK ENDCAP FIXTURE DETAIL



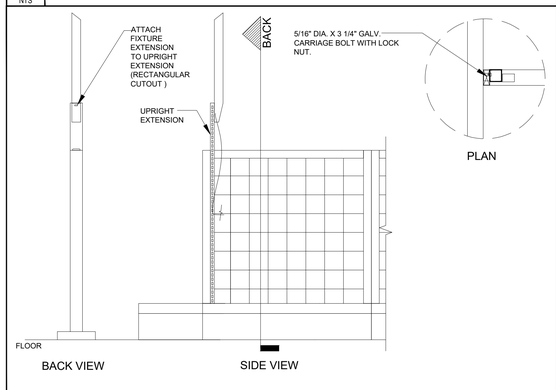

6 SCALE: NTS — ANGLE ATTACHMENT DETAIL



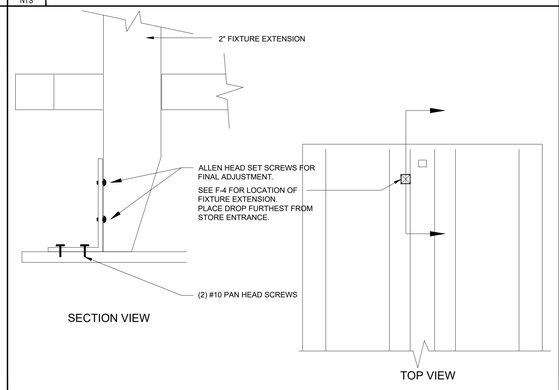

7 SCALE: NTS — NOT USED



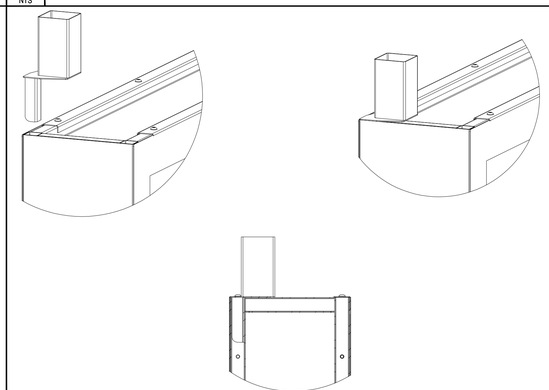

8 SCALE: NTS — PRODUCT TABLE FIXTURE DETAIL PRE-INSTALLED MOUNTING PLATE



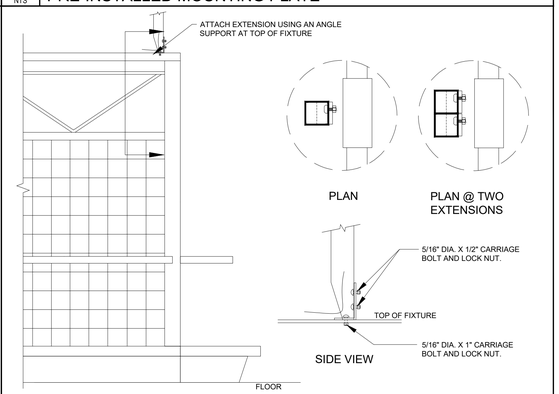

9 SCALE: NTS — LOWBAY/METAL FIXURE DETAIL



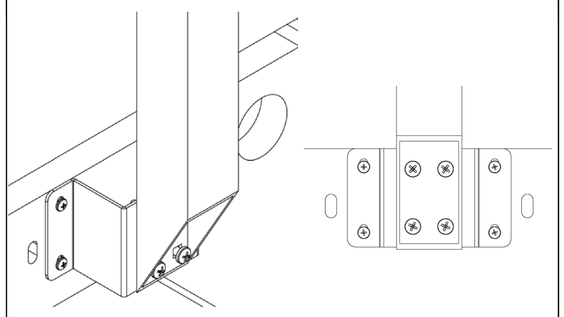

10 SCALE: NTS — PRODUCT TABLE FIXTURE DETAIL STANDARD FIXTURE EXTENSION



11 SCALE: NTS — DROP IN SLEEVE EXTENSION DETAIL




12 SCALE: NTS — OVERRACK FIXTURE DETAIL



13 SCALE: NTS — HAT CHANNEL EXTENSION DETAIL

14 SCALE: NTS — NOT USED

15 SCALE: NTS — NOT USED

16 SCALE: NTS — NOT USED

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BEST BUY
FY28 REFLOW

SQUARE FOOTAGE CALCULATIONS

| | |
|---|---|
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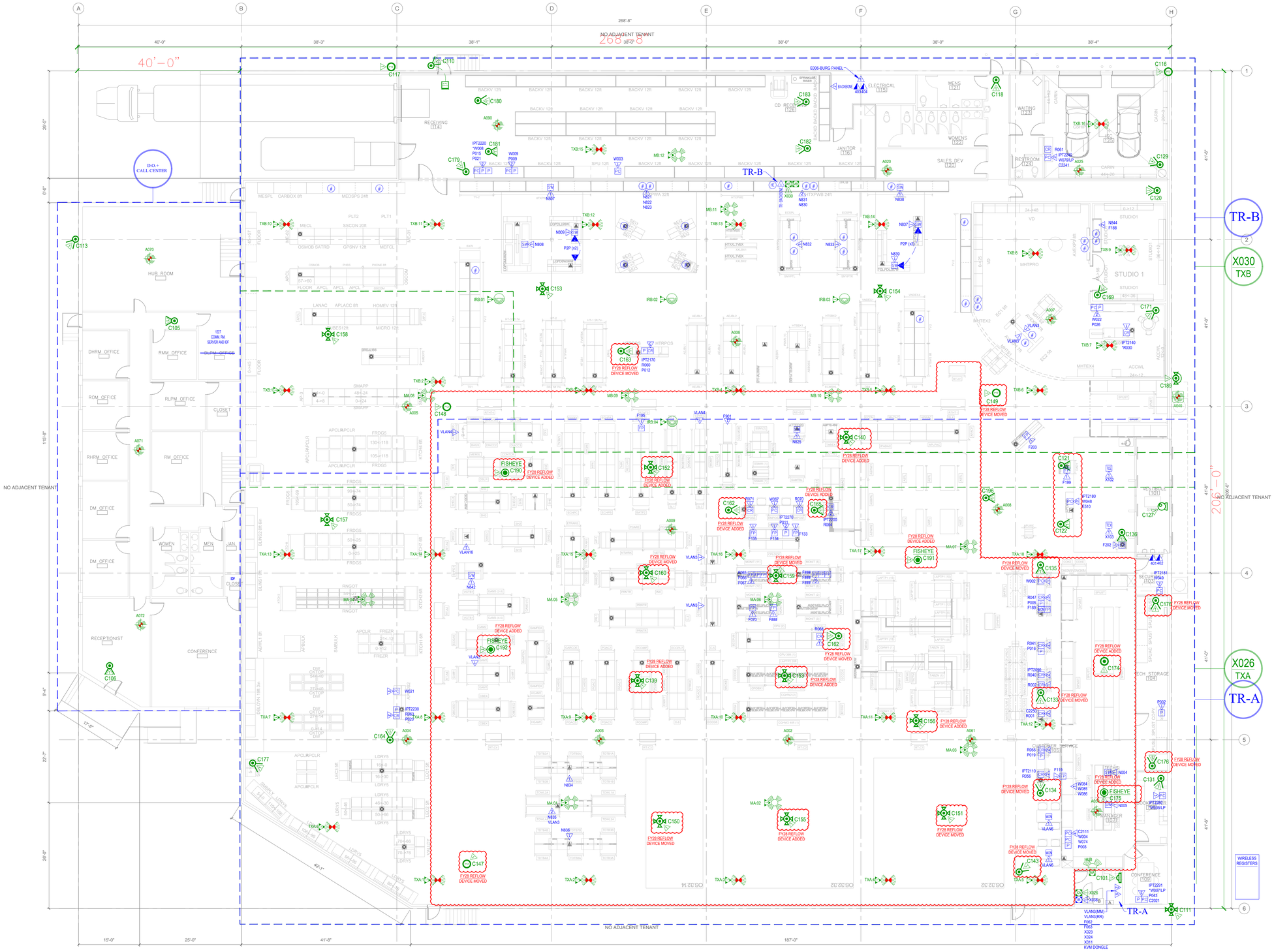
Issue Date: 10/12/2026

REVISION INFORMATION

PROTOTYPE
CONCEPT: 45K C2.1 / FORMAT: L

Drawing
FIXTURE EXTENSION DETAILS

F5.0




# GENERAL NOTES

1. ALL EXTERIOR ANTENNA AND LOW VOLTAGE CABLE TO BE BLACK, UNLESS OTHERWISE SPECIFIED.
2. ALL EXPOSED LOW VOLTAGE CABLE SHALL BE RUN TRUE, PLUMB, SQUARE, AND SECURELY WRAPPED TO THE BUILDING STRUCTURE OR OTHER SEPCIFIED PATHWAY.
3. UNDER NO CIRCUMSTANCE SHALL LOW VOLTAGE CABLE BE RUN AT DIAGONALS IN FREE AIR SPACE.

# LOW VOLTAGE EQUIPMENT LEGEND

NOT ALL SYMBOLS/ICONS MAY BE USED

## CABLE ID NUMBERING

EXAMPLE: A999–S999

MDF/IDF DESIGNATOR — CABLE ID# — DEVICE NUMBER — DEVICE TYPE

## VOICE/DATA CABLE

(CAT CABLE AS SPECIFIED)

ALL SYMBOLS SHOWN IN GREEN ARE HUNG FROM OR MOUNTED TO THE CEILING

- (#) INDICATES QUANTITY OF CAT5E CABLES AT LOCATION. FOR DEVICES ON STORE NETWORK
- (#) INDICATES QUANTITY OF CAT5E CABLES AT LOCATION. FOR DEVICES ON AUXILIARY SYSTEMS
- POINT TO POINT UNSHIELDED TWISTED PAIR CABLE
- CAT5E FROM 400 BLOCK IN COMM TO FIRE PANEL. TERMINATED TO 31X BISQUIT
- NETWORK RACK
- AUXILIARY RACK/BASE STATION
- COAX FOR ANTENNA SYSTEM, RG6. TERMINATE UNDER BASE DECK UNLESS OTHERWISE NOTED. ALL COAX SHALL BE RUN TO HEAD END LOCATION UNLESS OTHERWISE NOTED.
- CR1 (1) 18/6 CABLE ROUGHED–IN BETWEEN CARD READER J–BOX AND DOOR CONTROLLER IN COMM ROOM
- CR2 (1) 18/6 CABLE ROUGHED–IN BETWEEN DOOR HEADER AND DOOR CONTROLLER IN COMM ROOM

## BACKBONE CABLING

- B1 BACKBONE 1 (1) LINE OF 12 STRAND FIBER CABLE FROM COMMUNICATIONS ROOM
- B2 BACKBONE 2 (1) LINE OF 12 STRAND FIBER CABLE AND (2) CAT CABLES FROM COMMUNICATIONS ROOM
- B3 BACKBONE 3 (1) LINE OF 12 STRAND FIBER CABLE AND (2) CAT CABLES SPLIT OUT TO SINGLE PAIRS TO EACH PORT OF FEEDER PANEL
- B4 BACKBONE 4 (1) LINE OF 6 STRAND FIBER CABLE FROM COMMUNICATIONS ROOM

## GENERAL HARDWARE ICONS

- P PRINTER
- CR CASH REGISTER
- PC WORKSTATION/KIOSK CPU
- MON MONITOR
- FP FLASH PLAYER
- SW NETWORK SWITCH
- TCU/TCX TRAFFIC COUNTER – ENTRANCE/EXIT
- PRICE SCANNER
- PS–P43T – PENDANT SPEAKER
- PS–S43T – SURFACE MOUNT SPEAKER
- PS–C43T – IN–CEILING SPEAKER
- WIRELESS ACCESS POINT. LEAVE 20' SERVICE LOOP @ JOIST SPACE
- EXTERIOR WIRELESS ACCESS POINT. LEAVE 20' SERVICE LOOP AT JOIST SPACE
- ELECTRONIC SHELF LABEL TRANSCEIVER WITH 20' SERVICE LOOP AT JOIST SPACE
- MANAGED ACCESS ANTENNA WITH 10' CABLE TO HUB IN COMM ROOM
- MANAGED ACCESS REPEATER WITH 20' SERVICE LOOP AT JOIST SPACE
- IR BLASTER WITH 20' SERVICE LOOP AT JOIST SPACE

## REPRESENTATIVE CAMERA ICONS

- CAMERA, ONE LENS, FIXED VIEW
- CAMERA, ONE LENS, WIDE VIEW
- CAMERA, FISH–EYE
- CAMERA, PTZ
- CAMERA, TWO LENS, FIXED VIEW
- CAMERA, 180 DEGREE
- CAMERA, FOUR LENS, FIXED VIEW
- CAMERA, WALL MOUNT
- CAMERA, DOOR FRAME
- CAMERA, PUBLIC VIEW MONITOR

**NSO DEPLOYMENT SERVICES**
**BEST BUY**
7601 PENN AVENUE SO.
RICHFIELD, MN 55423

# STORE #504 GWINNETT, GA FY28 REFLOW

CONCEPT: 45K – C2.1

SQ FOOTAGE: N/A

SCALE: NTS

DATE:

SPOC NAME: SCOTT SMITH

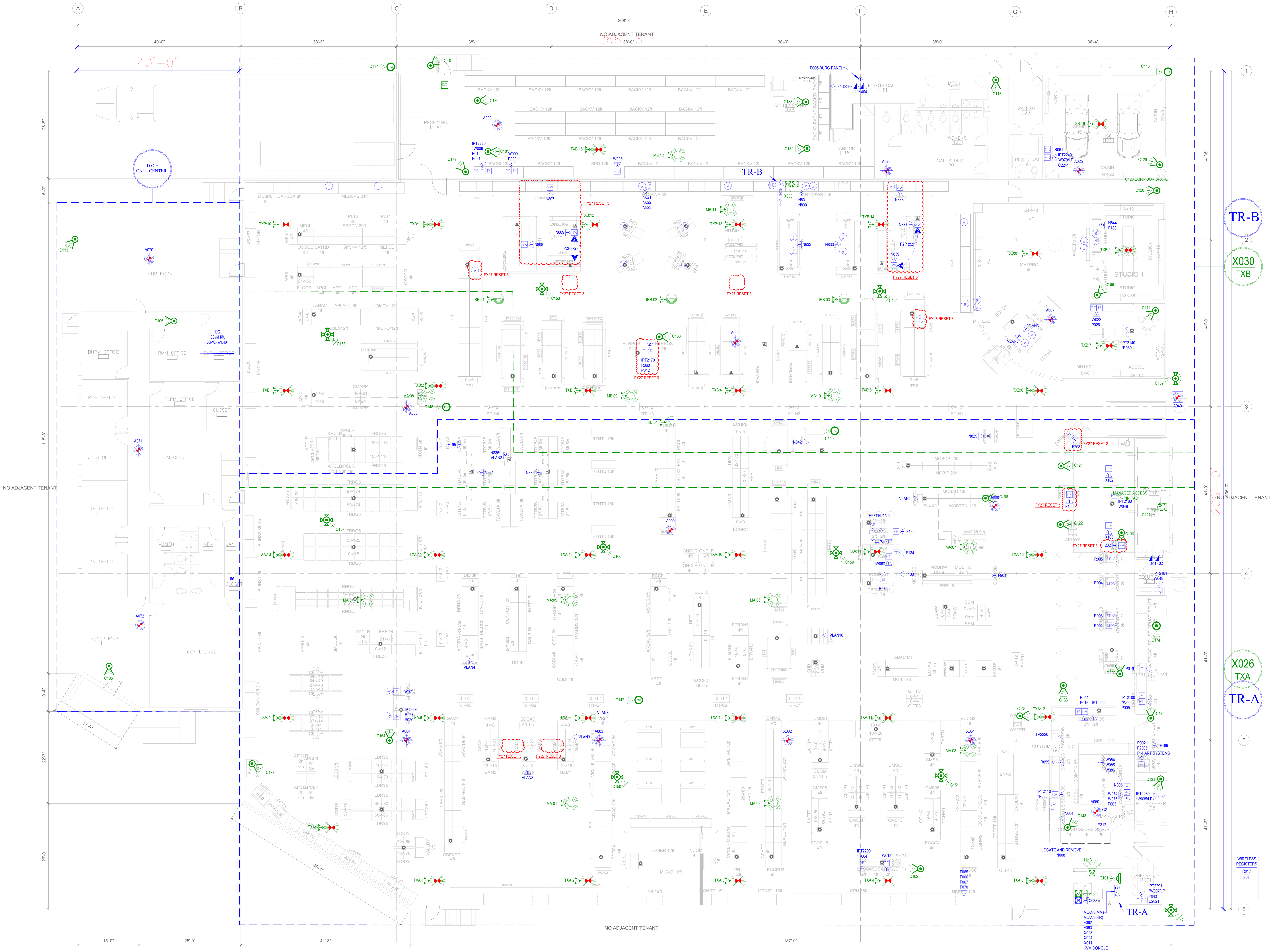
DRAWN BY: SA

CABLE START: N/A

STORE #: 504

SHEET # F3 ALL

**DEPLOYMENT RELEASE**
**10.16.2026**




# GENERAL NOTES

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# LOW VOLTAGE EQUIPMENT LEGEND

NOT ALL SYMBOLS/ICONS MAY BE USED

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EXAMPLE: A999–S999

MDF/IDF DESIGNATOR — CABLE ID# — DEVICE TYPE — DEVICE NUMBER

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(CAT CABLE AS SPECIFIED)

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- B2 — BACKBONE 2: (1) LINE OF 12 STRAND FIBER CABLE AND (2) CAT CABLES FROM COMMUNICATIONS ROOM
- B3 — BACKBONE 3: (1) LINE OF 12 STRAND FIBER CABLE AND (2) CAT CABLES SPLIT OUT TO SINGLE PAIRS TO EACH PORT OF FEEDER PANEL
- B4 — BACKBONE 4: (1) LINE OF 6 STRAND FIBER CABLE FROM COMMUNICATIONS ROOM

## GENERAL HARDWARE ICONS

- P — PRINTER
- CR — CASH REGISTER
- PC — WORKSTATION/KIOSK CPU
- MON — MONITOR
- FP — FLASH PLAYER
- SW — NETWORK SWITCH
- TCE/TCX — TRAFFIC COUNTER – ENTRANCE/EXIT
- $ — PRICE SCANNER
- SP — PS–P43T – PENDANT SPEAKER
- SP — PS–S43T – SURFACE MOUNT SPEAKER
- SP — PS–C43T – IN–CEILING SPEAKER
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- EXTERIOR WIRELESS ACCESS POINT. LEAVE 20' SERVICE LOOP AT JOIST SPACE
- ELECTRONIC SHELF LABEL TRANSCEIVER WITH 20' SERVICE LOOP AT JOIST SPACE
- MANAGED ACCESS ANTENNA WITH 10' CABLE TO HUB IN COMM ROOM
- MANAGED ACCESS REPEATER WITH 20' SERVICE LOOP AT JOIST SPACE
- IR BLASTER WITH 20' SERVICE LOOP AT JOIST SPACE

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- CAMERA, ONE LENS, FIXED VIEW
- CAMERA, ONE LENS, WIDE VIEW
- CAMERA, FISH–EYE
- CAMERA, PTZ
- CAMERA, TWO LENS, FIXED VIEW
- CAMERA, 180 DEGREE
- CAMERA, FOUR LENS, FIXED VIEW
- CAMERA, WALL MOUNT
- CAMERA, DOOR FRAME
- CAMERA, PUBLIC VIEW MONITOR

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RICHFIELD, MN 55423

# STORE #504
# GWINNETT, GA
# FY27 RESET 3

| | |
|---|---|
| CONCEPT: | 45K – C2.1 |
| SQ FOOTAGE: | N/A |
| SCALE: | NTS |
| DATE: | |
| SPOC NAME: | SCOTT SMITH |
| DRAWN BY: | DS |
| CABLE START: | N/A |
| STORE #: | 504 |
| SHEET # | F3 ALL |

**DEPLOYMENT RELEASE 08.12.2026**