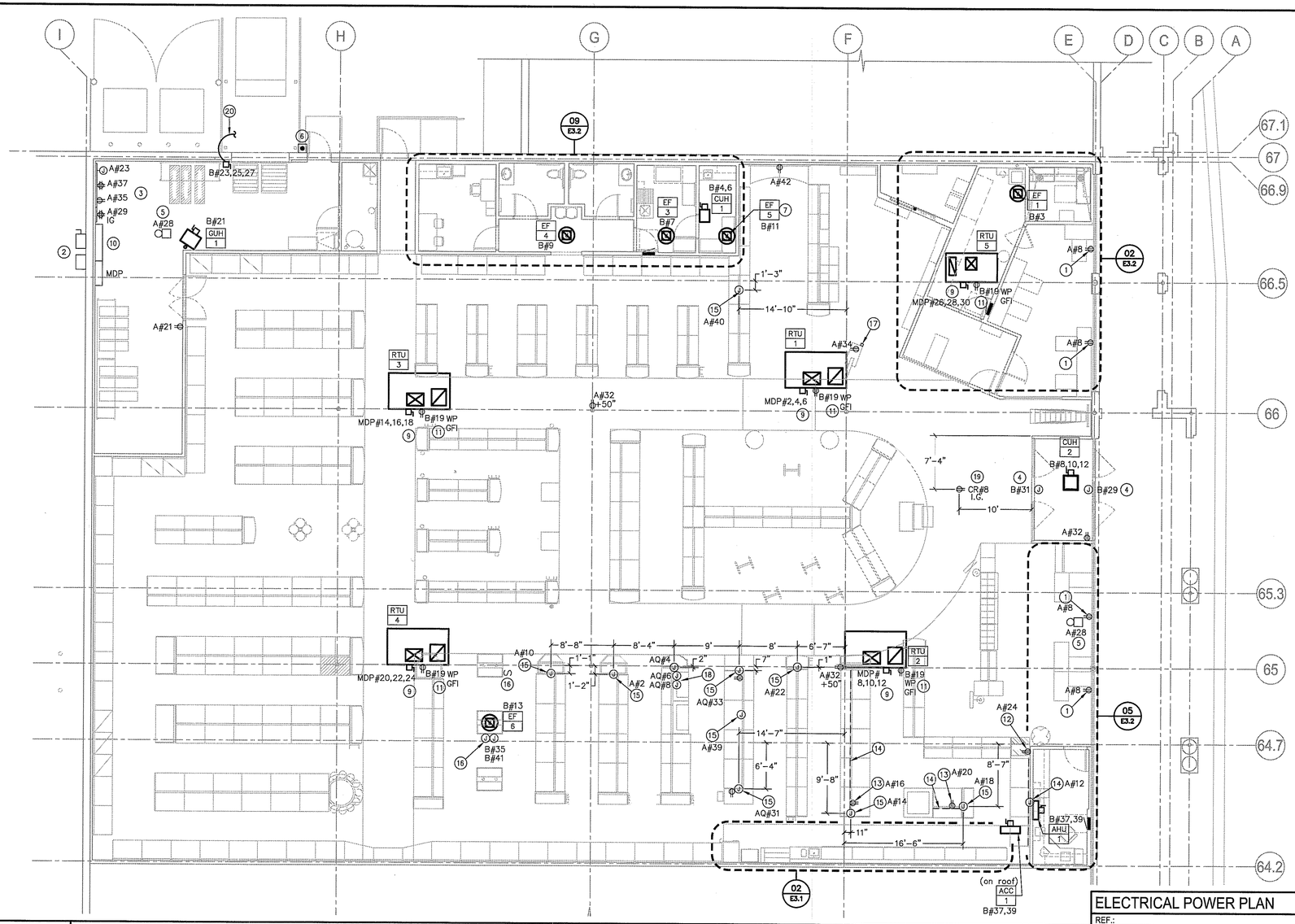
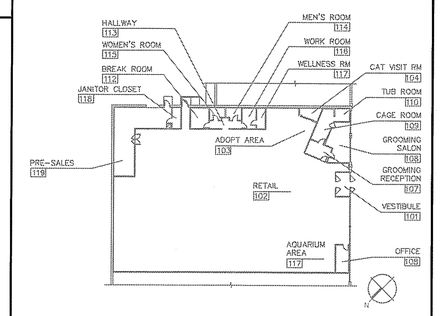
- CONTRACTOR(S) SHALL VERIFY EXISTING CONDITIONS AND CORRELATE DIMENSIONS PRIOR TO PROVIDING THE WORK DETAILED IN THESE DRAWINGS, AND SHALL PROMPTLY NOTIFY THE ARCHITECT OF ANY DISCREPANCIES
- COPYRIGHT SBLM ARCHITECTS PC. UNAUTHORIZED REPRODUCTION OR OTHER USE OF THIS DRAWING IS PROHIBITED.



ELECTRICAL POWER PLAN

REF.: | 06 | 1/8" = 1'-0"



KEY PLAN

REF.: | 01 | NO SCALE

NOTES FOR THIS DRAWING

1. See large scale plans for details of those areas.
2. All devices not specifically dimensioned may be located +/- 8" in either direction in plan from their appropriate location shown (to nearest stud or nearest CMU core). All dimensions from inside face of unfinished wall.
3. Verify location of all devices, power poles, etc., with latest fixture plan.
4. Installation of electric panels shall be in accordance with NEC section 408, "Switchboards and Panelboards".
5. Wire smoke detection to B#2 and make provision for fan shutdown and fire alarm signal circuit.
6. All junction boxes installed exposed on sales floor and mounted below the bottom of the roof structure shall be surface-mounted stye, no visible knockouts.

KEYNOTES (SYMBOLS ①,② ETC.)

1. Receptacles above show windows. 12" above top of storefront.
2. Utility Company CT and meter assembly. Coordinate with utility for all requirements.
3. Main telephone backboard, 8' x 8' x 3/4' plywood. Refer to 18/E3.1.
4. Automatic door, circuit individually as indicated. Verify exact location and connection.
5. Buzzer, Edwards #725. Mounted in joist space. Circuit to A#28.
6. Push button for two door buzzers mounted at 54"AFF. Provide all wiring and connect to buzzers per manufacturer's installation instructions.
7. EC to provide junction box above ceiling and 24 volt transformer & relay for direct control of the exhaust fan by the EMS. EF to be energized upon a rise in temperature. See sheets E2.5 and EMS1.1 for more information.
8. Not used.
9. Disconnect for rooftop unit.
10. Integrated Power & Control Assembly. Refer to sheets E1.2, E1.3, and EMS1.1.
11. WP GFI duplex receptacle provided (and integral) with HVAC units, wired by EC.
12. Duplex for quick tag. Receptacle to be gray.
13. Duplex receptacle near base on one side of gondola. See 14/E3.1 for location.
14. Provide horizontal sections of plugmold along one side of the entire fixture, 6" above the top of shelf of the gondola with outlets spaced a maximum of 18". For straight gondola runs: use 3', 5', 6' sections of wiremold AL20GB* as required to match the gondola length. See detail 14/E3.1. For curved gondola runs: use 3' and 4' sections of wiremold AL20GB* alternately, connected by EMT, to match gondola length. See detail 14/E3.1. Where the plugmold length (or combination of plugmold lengths) does not match the gondola length, provide the next shortest standard section of plugmold for the fixture (i.e. for a 4' fixture, use a 3' plugmold, etc.) Circuit as shown.
15. Junction box mounted at bottom cord of bar joist for display/equipment below. Contractor to drop conductors in 3/4" conduit down spine of racking to base. Verify location with PETCO Project Manager prior to installation. See detail 14/E3.1. Label with circuit number(s). Conduit painted per architectural plans. Where shown provide duplex receptacle near base of fixture.
16. Junction boxes mounted at bottom cord of bar joist for inline habitat. Contractor to follow terminal exhaust duct drop to habitat with conduit. Provide one controlled circuit (B#35) wired to SAM lighting and one uncontrolled circuit (B#41) to SAM locking mechanism. Daisy chain conductors between units as required. Lighting to be circuited through single-pole switch mounted to side of SAM at 42" AFF for manual override OFF.
17. Provide dual channel power pole, furnished by PETCO vendor. Top of power pole to be supported to structural steel with unistrut and bottom to be supported to floor or fixture. See detail 13/E3.1.
18. Junction box(es) mounted at bottom cord of bar joist for live animal display. Contractor to drop power to display after display has been set at time of store fixturing while vendor is on site. Provide MC cable inside display and make final connections to habitat(s) as required.
19. Duplex receptacle on unistrut in joist space for security monitor.
20. Electrical connection to speed lift shall be run in conduit underground. Coordinate routing and all requirements with speed lift manufacturer.

0 1/4" 1" 2" 3" 4" 5" 1/2"

MEP Engineer of Record
Randall A. Nelson, P.E.
14817 West 95th Street
Lenexa, Kansas 66215
Phone 913 322 5150

PETCO ANIMAL SUPPLIES STORES, INC.
PETCO "CARY, NC"
213 CROSSROADS BOULEVARD
CARY, NC 27518

PETCO
3347 MICHELSON DRIVE
SUITE B1200 CALIFORNIA 92121

DISTRIBUTION:	DATE:
25% SUBMISSION	01-15-10
75% SUBMISSION	01-29-10
98% SUBMISSION	02-25-10
ISSUED FOR CONSTRUCTION	02-26-10

SBLM JOB#	PETCO P.M. JOB #
09147	09277
DRAWN:	CHECKED:
MTH/JCC/JMM	BJT

DRAWING TITLE:
ELECTRICAL POWER PLAN

E2.2