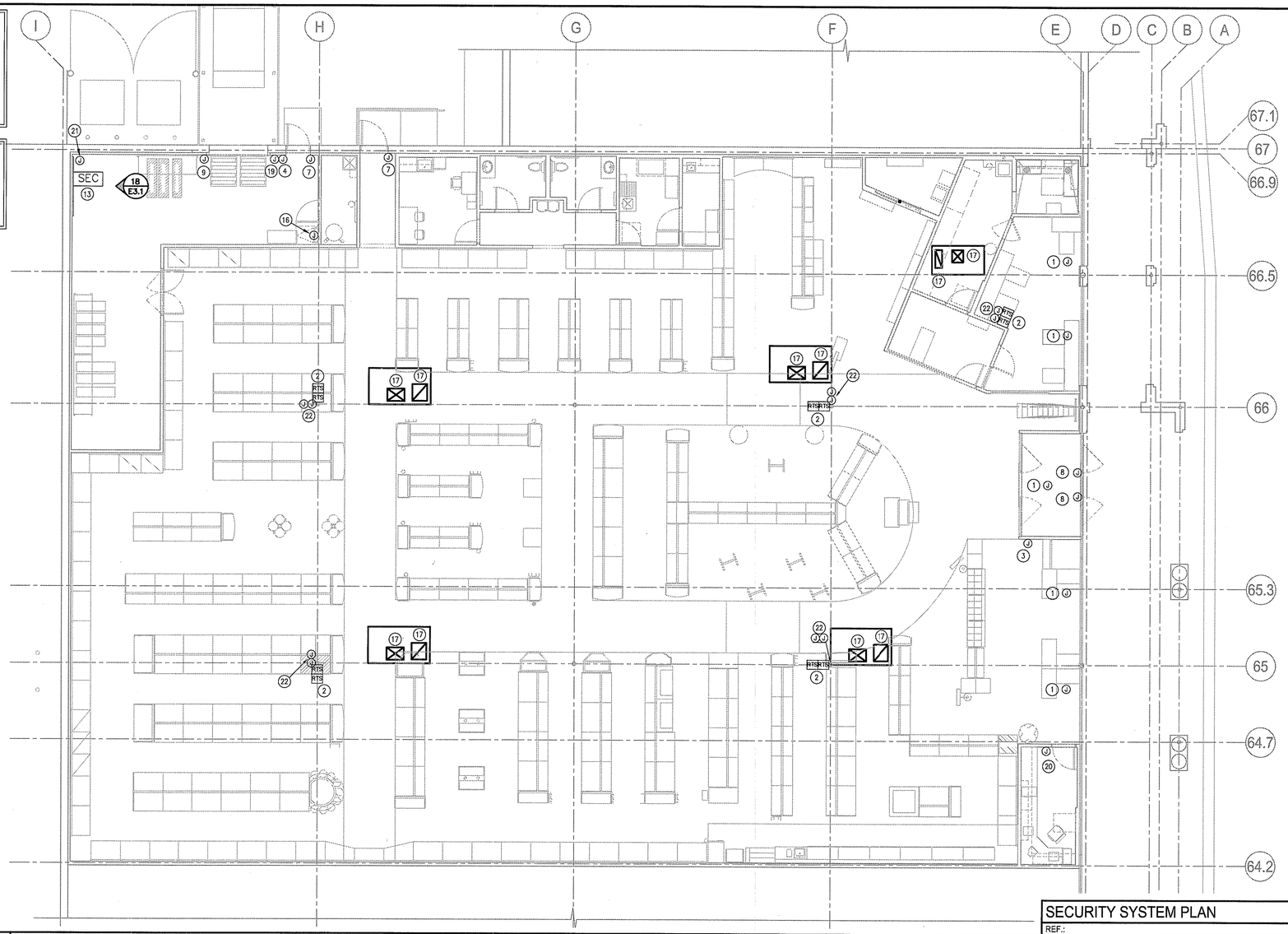
- CONTRACTOR(S) SHALL VERIFY EXISTING CONDITIONS AND CORRELATE DIMENSIONS PRIOR TO PROVIDING THE WORK DETAILED IN THESE DRAWINGS. AND SHALL PROMPTLY NOTIFY THE ARCHITECT OF ANY DISCREPANCIES.
- COPYRIGHT SBLM, ARCHITECTS PC. UNAUTHORIZED REPRODUCTION OR OTHER USE OF THIS DRAWING IS PROHIBITED.

Note:
This drawing represents rough–in requirements and is NOT intended to depict a fire alarm or security system. Drawings for these systems will be prepared by PETCO's vendor and submitted for review and approval by local authorities as required.

Note:
Electrical contractor to provide all conduit, backboxes and rough–in provisions as required for general contractor's fire alarm system.



Information From
PETCO'S Vendor Has
Not Been Incorporated
Into This Submission

NOTES FOR THIS DRAWING

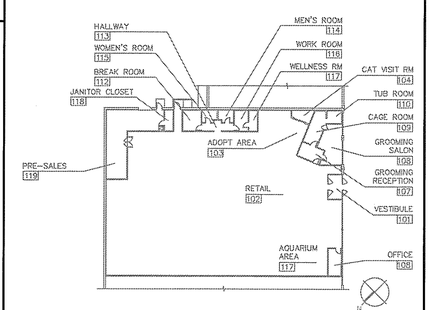
1. This drawing depicts responsibilities of multiple parties for the security and alarm systems. Except as specifically noted below, system components, devices, and wiring is by PETCO's vendor. Provisions to facilitate installation, such as junction boxes, conduits, and pull strings are by the Electrical Contractor. Fire drawings to be provided under separate contract with PETCO vendor.
2. All wiring below the elevation of the bottom cord of bar joists shall be in conduit. All conduits will be terminated at bar joist level with grommet or box connector.
3. All conduits located in drywall shall be terminated 6' above ceiling tile.
4. All conduits in drywall locations to be recessed inside wall.
5. No exposed conduit is allowed in the sales floor. Wherever possible, conduits shall be concealed by drywall in the stud partitions.
6. Smoke detectors and Test/Reset Station furnished as indicated elsewhere on the drawings.
7. Junction boxes for Security system devices are to be single gang, except for key pad locations. Junction boxes for fire alarm devices are noted as 4x4x3 (quad box 3" deep).
8. 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.
9. E.C. to verify local requirements for low voltage systems wiring and provide conduit(s) where required.

KEYNOTES (SYMBOLS ①,② ETC.)

1. For ceiling mounted glass break, provde single gang junction box at drop ceiling with mud ring and T-bar, and stub 3/4" conduit to bar joist. For open ceiling installations in retail area, provide 4x4x2 junction box mounted to the bottom of the bar joist.
2. Mount remote Test/Reset station for each smoke detector 12' above temperature sensor for respective HVAC unit. Refer to Sheet E2.5 for sensor locations. Electrical Contractor to provide the 4-wire interconnection between the Test/Reset stations and the smoke detector per manufacturers installation instructions.
3. For front keypad, provide recessed 4x4x2 junction box at 54" AFF, and stub 3/4" conduit inside wall to bar joist level. Ensure that left and right of box are clear of obstructions by 3". Face junction box toward point of sale location.
4. For receiving keypad provide 4x4x2 junction box at 54"AFF and ¾" conduit to bar joist level.
5. Not used.
6. Not used.
7. For single exit security, provide single gang junction box with mud ring at 4" above door frame (lock side) and stub 3/4" conduit to the bar joist level.
8. For double glass door security, run 3/4" conduit 6" into frame for alarm contacts, and stub 3/4" conduit to the bar joist level.
9. For overhead door, provide single gang junction box with cover for door contact connections, and stub 3/4" conduit to the bar joist level. Place the junction box 4' AFF and within 4'-6" to the side of the door. Ensure that box does not interfere with the location of the overhead door tracks/mounting hardware.
10. Not used.
11. Not used.
12. Not used.
13. For burglar panel, provide separate 120VAC power supply to (2) 4"x4" deep junction boxes and stub 1" conduit from the burglar and interface panels at 5' AFF to the ceiling deck.
14. Not used.
15. Not used.
16. 4x4x2 junction box adjacent to roof hatch. Verify location in field.
17. Provide 3/4" flexible conduit from duct detector housing to single gang junction box at bar joist level.
18. Not used.
19. Provide sing gang junction box with mud ring at 4' above door frame (lock side) for horn / strobe and stub 3/4" conduit to the bar joist level.
20. Provide single gang junction box with mud ring at 12' above door frame (lock side) for horn / strobe, door contact and motion sensor and stub 3/4" conduit to the bar joist level.
21. For wall mount motion sensor, install single gang junction box at 9-6' AFF, and stub 3/4" conduit to the bar joist level.

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

SECURITY SYSTEM PLAN	06
REF.:	1/8" = 1'-0"



KEY PLAN	01
REF.:	NO SCALE

MEP Engineer of Record
Randall A. Nelson, P.E.
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DRAWING TITLE:
SECURITY SYSTEM PLAN

E2.4