SECURITY LEGEND

SYMBOL	DESCRIPTION
	FIXED IP DOME CAMERA, CEILING MOUNT
	FIXED IP DOME CAMERA, WALL MOUNT
CR	PROXIMITY CARD READER
DPS	DOOR POSITION SWITCH (BY DIV 8)
EL	ELECTRIC DOOR LOCK (BY DIV 8)
REX	REQUEST TO EXIT DEVICE (BY DIV 8, INTEGRAL W/ LOCK)

GENERAL NOTES

A. INSTALL NEW IP CAMERAS AS INDICATED. ROUTE CATEGORY 6 VIDEO CABLING FROM CAMERA LOCATIONS TO IT/DATA ROOM 105. TERMINATE IN 19" EQUIPMNET CABINET ON 24 PORT CATEGORY 6 PATCH PANEL. CAMERAS SHALL BE 3MP SAMSUNG SND-708A OR APPROVED EQUAL. INSTALL AND CONFIGURE ONE 16 CHANNEL NETWORK VIDEO RECORDER WITH BUILT-IN POE SWITCH, SAMSUNG MODEL SRN-1673S, OR APPROVED EQUAL. PATCH CAMERA CABLING TO NETWORK RECORDER. RECORDER MUST BE CONFIGURED TO RECORD ALL CAMERAS 24/7 AT 15 IPS, BASED ON MOTION, WITH AN ACTIVITY LEVEL OF 35%, FOR 30 DAYS. COORDINATE WITH OWNER CONNECTION TO OWNER'S NETWORK.

B. FOR CEILING MOUNTED CAMERAS, ROUTE PROPERLY RATED CATEGORY 6 CABLING USING CATEGORY 6 RATED J-HOOKS AND/OR CABLE HANGERS. ROUTE ABOVE CEILING TILE GRID IN ACCORDANCE WITH ANSI/TIA-569-D REQUIREMENTS (4' TO 5' SPACING). INSTALL WALL-MOUNTED CAMERA CABLING IN 3/4" CONDUIT TO AREA WITH CEILING TILE, AND ROUTE IN J-HOOKS ABOVE CEILING TILE.

C. PROVIDE, INSTALL, AND CONFIGURE A COMPLETE IP WEB BASED ACCESS CONTROL SYSTEM; BOSCH ACCESS EASY CONTROLLER 2.1, OR APPROVED EQUAL.

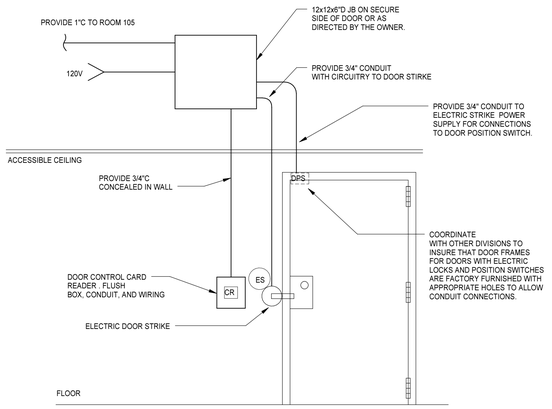
D. CARD READERS MUST BE COMPATIBLE WITH THE OWNER'S CURRENT PRIOXIMITY CARDS (26 BIT WIEGAND). THE ACCESS CONTROL SYSTEM SHALL BE CAPABLE OF SUPPORTING AT LEAST FOUR (4) CARD READERS, WITH EXPANSION TO 32, AND 16 MONITORED ALARM POINTS. COORDINATE, WITH OWNER, THE INSTALLATION OF THE SYSTEM CONTROLLER ANICONNECTION TO THE OWNER'S NETWORK IN ROOM 105. PROVDE ALL CABLING AND CONDUIT TO EACH CARD READER DOOR IDENTIFIED. PROVIDE AND INSTALL ELECTRIC LOCKS, DOOR POSITION SWITHCES, AND REQUEST TO EXIT DEVICES AT EACH ACCESS DOOR. PROVIDE CABLING AND CONDUIT TO EACH NON-ACCESS DOOR POSITION SWITCH.

E. PROVIDE UPS BACKUP FOR A MINIMUM OF FIVE (5) MINUTES, AT HALF LOAD, FOR BOTH VIDEO AND ACCESS CONTROL SYSTEMS.

N

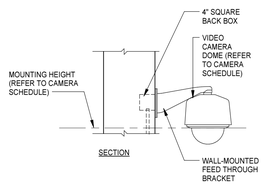
FIRST FLOOR PLAN - SECURITY ELECTRONICS

3/16" = 1'-0"



ACCESS CONTROL CONNECTION DETAIL

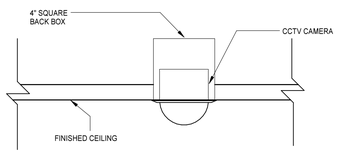
NO SCALE



PW: PENDANT, WALL

NTS

NOTE: AT ANY LOCATION WHERE RECESSED BACK BOX MOUNTING IS NOT POSSIBLE, CAMERA SHALL BE SURFACE-MOUNTED



CR: CEILING RECESSED

NTS

CAMERA MOUNTING TYPE DETAILS

NO SCALE

MOSELEYARCHITECTS
3200 NORFOLK STREET, RICHMOND, VA 23230
PHONE (804) 794-7555 FAX (804) 355-5690
MOSELEYARCHITECTS.COM

COMMONWEALTH OF VIRGINIA
Lic. No. 009147
10/15/2015
ARCHITECT

EVIDENCE STORAGE BUILDING

SMITHFIELD, VIRGINIA

PROJECT NO: 550322	DATE: OCTOBER 15, 2015
REVISIONS	
DATE	DESCRIPTION

FLOOR PLAN - SECURITY ELECTRONICS

SE2.1

10/16/2015 1:20:59 PM