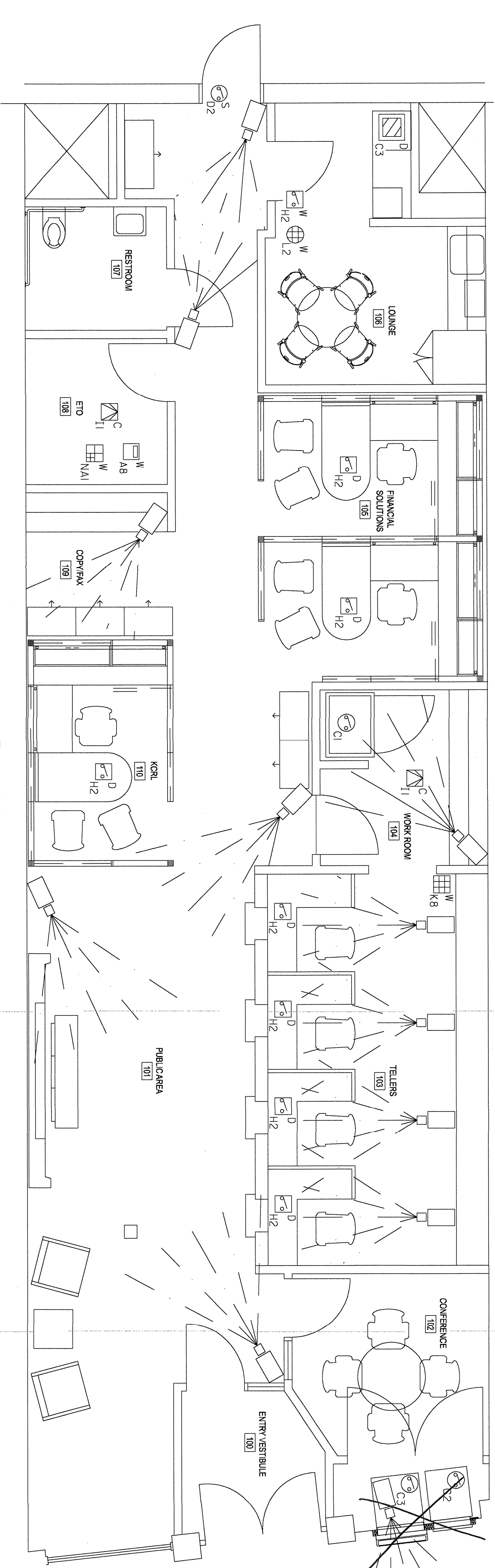


CABLE SPECIFICATIONS

1. EXACT LOCATION OF EQUIPMENT TO BE VERIFIED WITH ARCHITECT/OWNER BEFORE INSTALLATION.
2. ALL CONDUIT TO BE 3/4" UNLESS NOTED
3. SEE CABLE SCHEDULE FOR SPECIFICATIONS
4. THIS DRAWING DOES NOT IN ANY WAY REFLECT ACTUAL CONDUIT RUNS. IT IS USED TO SHOW REQUIRED CONNECTIONS BETWEEN DEVICES.
5. SEE ICON DETAIL THIS SHEET FOR JUNCTION BOX SIZE AND RECOMMENDED LOCATIONS.

CABLE TYPE	CABLE PART NO.	DESCRIPTION	NOMINAL SIZE	TYPICAL USAGE
A	9-42203-5262	**2 GAUGE, 2 CONDUCTORS, STRANDED, FOL SHIELD, W/BRN, COLOR CODED	24"	DOOR CONTACTS, PAGING LINE, ALARM BELL, ACCESSORIES
C	9-42204-6262	**2 GAUGE, 4 CONDUCTORS, STRANDED, FOL SHIELD, W/BRN, COLOR CODED	1/4"	SOUND & SMOKE DETECTORS, WALL THERM, CAMERA TRIP
D	9-42203-6262	**2 GAUGE, 8 CONDUCTORS, STRANDED, FOL SHIELD, W/BRN, COLOR CODED	1/4"	VAULT DOOR PROTECTION, V/F RECEIVER, MODULAR SECURITY DEVICES
E	9-42203-7262	**2 GAUGE, 8 CONDUCTORS, STRANDED, BRANDED SHEATH, NO COLOR CODED	20"	ANNUNCIATOR FOR BELL, BELL STATION
M	9-6090-5262	RG-59U COAX CABLE **2 GAUGE, 2 CONDUCTOR, FOL SHIELD W/ BRN	444" X 242"	LOW VOLTAGE TV CAMERA

INDICATES CABLE USED ON THIS JOB
 *INDICATES CABLE MUST BE FULLY TESTED
 **INDICATES CABLE MUST BE FULLY TESTED



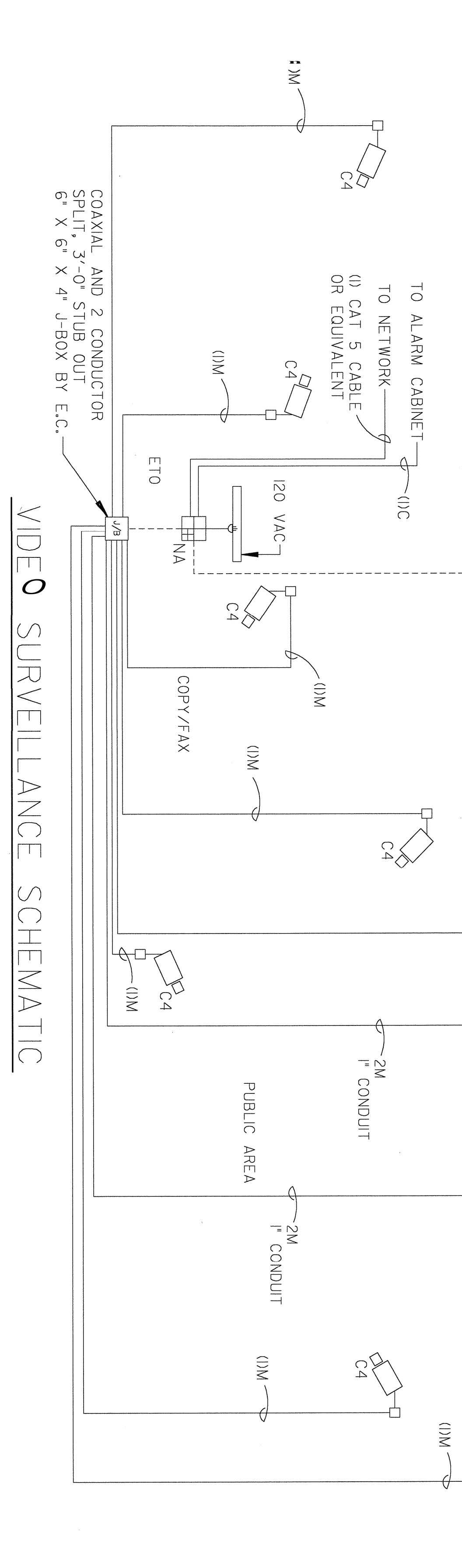
PLAN

ALARM SECURITY SCHEMATIC



NOTE: 120VAC, 60HZ, 20 AMP
 LOCKED ON CIRCUIT BREAKER,
 SAME PHASE FOR ENTIRE VSS
 SYSTEM EQUIPMENT.
 ENOUGH RECEPTACLES REQUIRED
 TO POWER VSS EQUIPMENT.
 (A-1 BY E.O.)

VIDEO SURVEILLANCE SCHEMATIC



SECURITY DETAILS/SPECIFICATIONS

DEVICE	FUNCTION	REQUIREMENTS	INSTALLATION
1. AUTOMATIC MONITORING SWITCH	SAFE AND CHEST PROTECTION	1. 1/2" x 1/2" x 1/2" JUNCTION BOX WITH COVER AND TRIPPER SWITCH 2. 1/2" x 1/2" x 1/2" JUNCTION BOX WITH COVER AND TRIPPER SWITCH 3. 1/2" x 1/2" x 1/2" JUNCTION BOX WITH COVER AND TRIPPER SWITCH	1. INSTALL JUNCTION BOX ABOVE CEILING WITH COVER AND TRIPPER SWITCH. PROTECT FROM FIRE AND THEFT. CONDUIT SHALL BE RIGIDLY SUPPORTED AND PROTECTED FROM MECHANICAL DAMAGE. 2. CONDUIT SHALL BE RIGIDLY SUPPORTED AND PROTECTED FROM MECHANICAL DAMAGE. 3. CONDUIT SHALL BE RIGIDLY SUPPORTED AND PROTECTED FROM MECHANICAL DAMAGE.
2. AUTOMATIC MONITORING SWITCH	SAFE AND CHEST PROTECTION	1. 1/2" x 1/2" x 1/2" JUNCTION BOX WITH COVER AND TRIPPER SWITCH 2. 1/2" x 1/2" x 1/2" JUNCTION BOX WITH COVER AND TRIPPER SWITCH 3. 1/2" x 1/2" x 1/2" JUNCTION BOX WITH COVER AND TRIPPER SWITCH	1. INSTALL JUNCTION BOX ABOVE CEILING WITH COVER AND TRIPPER SWITCH. PROTECT FROM FIRE AND THEFT. CONDUIT SHALL BE RIGIDLY SUPPORTED AND PROTECTED FROM MECHANICAL DAMAGE. 2. CONDUIT SHALL BE RIGIDLY SUPPORTED AND PROTECTED FROM MECHANICAL DAMAGE. 3. CONDUIT SHALL BE RIGIDLY SUPPORTED AND PROTECTED FROM MECHANICAL DAMAGE.
3. AUTOMATIC MONITORING SWITCH	SAFE AND CHEST PROTECTION	1. 1/2" x 1/2" x 1/2" JUNCTION BOX WITH COVER AND TRIPPER SWITCH 2. 1/2" x 1/2" x 1/2" JUNCTION BOX WITH COVER AND TRIPPER SWITCH 3. 1/2" x 1/2" x 1/2" JUNCTION BOX WITH COVER AND TRIPPER SWITCH	1. INSTALL JUNCTION BOX ABOVE CEILING WITH COVER AND TRIPPER SWITCH. PROTECT FROM FIRE AND THEFT. CONDUIT SHALL BE RIGIDLY SUPPORTED AND PROTECTED FROM MECHANICAL DAMAGE. 2. CONDUIT SHALL BE RIGIDLY SUPPORTED AND PROTECTED FROM MECHANICAL DAMAGE. 3. CONDUIT SHALL BE RIGIDLY SUPPORTED AND PROTECTED FROM MECHANICAL DAMAGE.
4. AUTOMATIC MONITORING SWITCH	SAFE AND CHEST PROTECTION	1. 1/2" x 1/2" x 1/2" JUNCTION BOX WITH COVER AND TRIPPER SWITCH 2. 1/2" x 1/2" x 1/2" JUNCTION BOX WITH COVER AND TRIPPER SWITCH 3. 1/2" x 1/2" x 1/2" JUNCTION BOX WITH COVER AND TRIPPER SWITCH	1. INSTALL JUNCTION BOX ABOVE CEILING WITH COVER AND TRIPPER SWITCH. PROTECT FROM FIRE AND THEFT. CONDUIT SHALL BE RIGIDLY SUPPORTED AND PROTECTED FROM MECHANICAL DAMAGE. 2. CONDUIT SHALL BE RIGIDLY SUPPORTED AND PROTECTED FROM MECHANICAL DAMAGE. 3. CONDUIT SHALL BE RIGIDLY SUPPORTED AND PROTECTED FROM MECHANICAL DAMAGE.
5. AUTOMATIC MONITORING SWITCH	SAFE AND CHEST PROTECTION	1. 1/2" x 1/2" x 1/2" JUNCTION BOX WITH COVER AND TRIPPER SWITCH 2. 1/2" x 1/2" x 1/2" JUNCTION BOX WITH COVER AND TRIPPER SWITCH 3. 1/2" x 1/2" x 1/2" JUNCTION BOX WITH COVER AND TRIPPER SWITCH	1. INSTALL JUNCTION BOX ABOVE CEILING WITH COVER AND TRIPPER SWITCH. PROTECT FROM FIRE AND THEFT. CONDUIT SHALL BE RIGIDLY SUPPORTED AND PROTECTED FROM MECHANICAL DAMAGE. 2. CONDUIT SHALL BE RIGIDLY SUPPORTED AND PROTECTED FROM MECHANICAL DAMAGE. 3. CONDUIT SHALL BE RIGIDLY SUPPORTED AND PROTECTED FROM MECHANICAL DAMAGE.
6. AUTOMATIC MONITORING SWITCH	SAFE AND CHEST PROTECTION	1. 1/2" x 1/2" x 1/2" JUNCTION BOX WITH COVER AND TRIPPER SWITCH 2. 1/2" x 1/2" x 1/2" JUNCTION BOX WITH COVER AND TRIPPER SWITCH 3. 1/2" x 1/2" x 1/2" JUNCTION BOX WITH COVER AND TRIPPER SWITCH	1. INSTALL JUNCTION BOX ABOVE CEILING WITH COVER AND TRIPPER SWITCH. PROTECT FROM FIRE AND THEFT. CONDUIT SHALL BE RIGIDLY SUPPORTED AND PROTECTED FROM MECHANICAL DAMAGE. 2. CONDUIT SHALL BE RIGIDLY SUPPORTED AND PROTECTED FROM MECHANICAL DAMAGE. 3. CONDUIT SHALL BE RIGIDLY SUPPORTED AND PROTECTED FROM MECHANICAL DAMAGE.
7. AUTOMATIC MONITORING SWITCH	SAFE AND CHEST PROTECTION	1. 1/2" x 1/2" x 1/2" JUNCTION BOX WITH COVER AND TRIPPER SWITCH 2. 1/2" x 1/2" x 1/2" JUNCTION BOX WITH COVER AND TRIPPER SWITCH 3. 1/2" x 1/2" x 1/2" JUNCTION BOX WITH COVER AND TRIPPER SWITCH	1. INSTALL JUNCTION BOX ABOVE CEILING WITH COVER AND TRIPPER SWITCH. PROTECT FROM FIRE AND THEFT. CONDUIT SHALL BE RIGIDLY SUPPORTED AND PROTECTED FROM MECHANICAL DAMAGE. 2. CONDUIT SHALL BE RIGIDLY SUPPORTED AND PROTECTED FROM MECHANICAL DAMAGE. 3. CONDUIT SHALL BE RIGIDLY SUPPORTED AND PROTECTED FROM MECHANICAL DAMAGE.
8. AUTOMATIC MONITORING SWITCH	SAFE AND CHEST PROTECTION	1. 1/2" x 1/2" x 1/2" JUNCTION BOX WITH COVER AND TRIPPER SWITCH 2. 1/2" x 1/2" x 1/2" JUNCTION BOX WITH COVER AND TRIPPER SWITCH 3. 1/2" x 1/2" x 1/2" JUNCTION BOX WITH COVER AND TRIPPER SWITCH	1. INSTALL JUNCTION BOX ABOVE CEILING WITH COVER AND TRIPPER SWITCH. PROTECT FROM FIRE AND THEFT. CONDUIT SHALL BE RIGIDLY SUPPORTED AND PROTECTED FROM MECHANICAL DAMAGE. 2. CONDUIT SHALL BE RIGIDLY SUPPORTED AND PROTECTED FROM MECHANICAL DAMAGE. 3. CONDUIT SHALL BE RIGIDLY SUPPORTED AND PROTECTED FROM MECHANICAL DAMAGE.
9. AUTOMATIC MONITORING SWITCH	SAFE AND CHEST PROTECTION	1. 1/2" x 1/2" x 1/2" JUNCTION BOX WITH COVER AND TRIPPER SWITCH 2. 1/2" x 1/2" x 1/2" JUNCTION BOX WITH COVER AND TRIPPER SWITCH 3. 1/2" x 1/2" x 1/2" JUNCTION BOX WITH COVER AND TRIPPER SWITCH	1. INSTALL JUNCTION BOX ABOVE CEILING WITH COVER AND TRIPPER SWITCH. PROTECT FROM FIRE AND THEFT. CONDUIT SHALL BE RIGIDLY SUPPORTED AND PROTECTED FROM MECHANICAL DAMAGE. 2. CONDUIT SHALL BE RIGIDLY SUPPORTED AND PROTECTED FROM MECHANICAL DAMAGE. 3. CONDUIT SHALL BE RIGIDLY SUPPORTED AND PROTECTED FROM MECHANICAL DAMAGE.
10. AUTOMATIC MONITORING SWITCH	SAFE AND CHEST PROTECTION	1. 1/2" x 1/2" x 1/2" JUNCTION BOX WITH COVER AND TRIPPER SWITCH 2. 1/2" x 1/2" x 1/2" JUNCTION BOX WITH COVER AND TRIPPER SWITCH 3. 1/2" x 1/2" x 1/2" JUNCTION BOX WITH COVER AND TRIPPER SWITCH	1. INSTALL JUNCTION BOX ABOVE CEILING WITH COVER AND TRIPPER SWITCH. PROTECT FROM FIRE AND THEFT. CONDUIT SHALL BE RIGIDLY SUPPORTED AND PROTECTED FROM MECHANICAL DAMAGE. 2. CONDUIT SHALL BE RIGIDLY SUPPORTED AND PROTECTED FROM MECHANICAL DAMAGE. 3. CONDUIT SHALL BE RIGIDLY SUPPORTED AND PROTECTED FROM MECHANICAL DAMAGE.
11. AUTOMATIC MONITORING SWITCH	SAFE AND CHEST PROTECTION	1. 1/2" x 1/2" x 1/2" JUNCTION BOX WITH COVER AND TRIPPER SWITCH 2. 1/2" x 1/2" x 1/2" JUNCTION BOX WITH COVER AND TRIPPER SWITCH 3. 1/2" x 1/2" x 1/2" JUNCTION BOX WITH COVER AND TRIPPER SWITCH	1. INSTALL JUNCTION BOX ABOVE CEILING WITH COVER AND TRIPPER SWITCH. PROTECT FROM FIRE AND THEFT. CONDUIT SHALL BE RIGIDLY SUPPORTED AND PROTECTED FROM MECHANICAL DAMAGE. 2. CONDUIT SHALL BE RIGIDLY SUPPORTED AND PROTECTED FROM MECHANICAL DAMAGE. 3. CONDUIT SHALL BE RIGIDLY SUPPORTED AND PROTECTED FROM MECHANICAL DAMAGE.
12. AUTOMATIC MONITORING SWITCH	SAFE AND CHEST PROTECTION	1. 1/2" x 1/2" x 1/2" JUNCTION BOX WITH COVER AND TRIPPER SWITCH 2. 1/2" x 1/2" x 1/2" JUNCTION BOX WITH COVER AND TRIPPER SWITCH 3. 1/2" x 1/2" x 1/2" JUNCTION BOX WITH COVER AND TRIPPER SWITCH	1. INSTALL JUNCTION BOX ABOVE CEILING WITH COVER AND TRIPPER SWITCH. PROTECT FROM FIRE AND THEFT. CONDUIT SHALL BE RIGIDLY SUPPORTED AND PROTECTED FROM MECHANICAL DAMAGE. 2. CONDUIT SHALL BE RIGIDLY SUPPORTED AND PROTECTED FROM MECHANICAL DAMAGE. 3. CONDUIT SHALL BE RIGIDLY SUPPORTED AND PROTECTED FROM MECHANICAL DAMAGE.
13. AUTOMATIC MONITORING SWITCH	SAFE AND CHEST PROTECTION	1. 1/2" x 1/2" x 1/2" JUNCTION BOX WITH COVER AND TRIPPER SWITCH 2. 1/2" x 1/2" x 1/2" JUNCTION BOX WITH COVER AND TRIPPER SWITCH 3. 1/2" x 1/2" x 1/2" JUNCTION BOX WITH COVER AND TRIPPER SWITCH	1. INSTALL JUNCTION BOX ABOVE CEILING WITH COVER AND TRIPPER SWITCH. PROTECT FROM FIRE AND THEFT. CONDUIT SHALL BE RIGIDLY SUPPORTED AND PROTECTED FROM MECHANICAL DAMAGE. 2. CONDUIT SHALL BE RIGIDLY SUPPORTED AND PROTECTED FROM MECHANICAL DAMAGE. 3. CONDUIT SHALL BE RIGIDLY SUPPORTED AND PROTECTED FROM MECHANICAL DAMAGE.
14. AUTOMATIC MONITORING SWITCH	SAFE AND CHEST PROTECTION	1. 1/2" x 1/2" x 1/2" JUNCTION BOX WITH COVER AND TRIPPER SWITCH 2. 1/2" x 1/2" x 1/2" JUNCTION BOX WITH COVER AND TRIPPER SWITCH 3. 1/2" x 1/2" x 1/2" JUNCTION BOX WITH COVER AND TRIPPER SWITCH	1. INSTALL JUNCTION BOX ABOVE CEILING WITH COVER AND TRIPPER SWITCH. PROTECT FROM FIRE AND THEFT. CONDUIT SHALL BE RIGIDLY SUPPORTED AND PROTECTED FROM MECHANICAL DAMAGE. 2. CONDUIT SHALL BE RIGIDLY SUPPORTED AND PROTECTED FROM MECHANICAL DAMAGE. 3. CONDUIT SHALL BE RIGIDLY SUPPORTED AND PROTECTED FROM MECHANICAL DAMAGE.
15. AUTOMATIC MONITORING SWITCH	SAFE AND CHEST PROTECTION	1. 1/2" x 1/2" x 1/2" JUNCTION BOX WITH COVER AND TRIPPER SWITCH 2. 1/2" x 1/2" x 1/2" JUNCTION BOX WITH COVER AND TRIPPER SWITCH 3. 1/2" x 1/2" x 1/2" JUNCTION BOX WITH COVER AND TRIPPER SWITCH	1. INSTALL JUNCTION BOX ABOVE CEILING WITH COVER AND TRIPPER SWITCH. PROTECT FROM FIRE AND THEFT. CONDUIT SHALL BE RIGIDLY SUPPORTED AND PROTECTED FROM MECHANICAL DAMAGE. 2. CONDUIT SHALL BE RIGIDLY SUPPORTED AND PROTECTED FROM MECHANICAL DAMAGE. 3. CONDUIT SHALL BE RIGIDLY SUPPORTED AND PROTECTED FROM MECHANICAL DAMAGE.

SURVEILLANCE INSTALLATION NOTES

1. DIEBOLD WILL INSTALL AND ADJUST ALL DIEBOLD FINISHED UNLESS OTHERWISE SPECIFIED.
2. PER DIEBOLD SPECIFICATIONS AND THE NATIONAL ELECTRICAL CODE, PURCHASER MUST MAKE ALL WALL AND LINING PENETRATIONS INSTALL ALL WIRE, CONDUIT, OUTLET BOXES, JUNCTION BOXES, JUNCTION BOX ALL PRINTS AND ALL LEASED WIRES INCLUDING TELEPHONE LINES FOR REMOTE CONNECTIONS AND REMOVE AND/OR RELOCATE ANY FITTERS OR OBSTACLES TO PREVENT INSTALLATION OF DIEBOLD EQUIPMENT IN THE EVENT OF A CONFLICT BETWEEN DIEBOLD SPECIFICATIONS AND THE NATIONAL ELECTRICAL CODE.
3. ALL LOW VOLTAGE WIRE SPECIFIED, FINISHED BY OTHERS.
4. ONLY WIRE MEETING THE SPECIFICATIONS SET FORTH IN THE DIEBOLD SECURITY AND SURVEILLANCE CABLE SCHEDULE (FILE NO. 170-10) MAY BE USED.
5. ALL CONDUIT PLANS SHALL HAVE SWEETING BENDS AND ANY RUNS THAT MAY FORM A WATER TRAP MUST BE PROVIDED WITH DRAINAGE HOLES.
6. ALL CONDUIT ENTERING A WALL IT WILL BE RESTRICTED TO 1/4" MAXIMUM AND SHALL HAVE TWO (2) 90 DEGREE BENDS WITHIN THE WALL. STRUCTURE ARRANGEMENT OF BENDS SHALL BE SO THAT BRANCHED IS TO THE EXTERIOR OF THE WALL.
7. IN RENOVATING EXISTING WALLS THE MAXIMUM HOLE SIZE IS 1/2" DIAMETER, MULTIPLE HOLES ARE PERMITTED IF REQUIRED.
8. EXISTING ALARM AND CAMERA WIRING MUST BE REPLACED IF ANY OF THE FOLLOWING CONDITIONS EXIST:
 - A. THE EXISTING WIRING IS NOT SHIELDED
 - B. THE EXISTING WIRING DOES NOT HAVE THERMAL PLASTIC INSULATION
 - C. THE EXISTING WIRING SIZE DOES NOT MEET DIEBOLD SPECIFICATIONS
 - D. THE EXISTING CAMERA AND HOLD-UP DEVICE WIRING RUN IN THE SAME SHIELDED CABLE BUNDLE
9. AN EXCEPTION TO THIS RULE MAY BE MADE PROVIDED THE EXISTING WIRING IS IN PROPERLY GROUND METALLIC CONDUIT, THERE IS NO UNSHIELDED CAMERA WIRING IN THE SAME CONDUIT WITH ALARM WIRING AND THE WIRING MEETS ALL OF THE OTHER STANDARDS LISTED ABOVE. SHOULD DEFLECTIVE WIRING OR RADIO FREQUENCY INTERFERENCE, SUCH REMEDY WILL BE THE RESPONSIBILITY OF THE PURCHASER.
10. ALARM AND CAMERA WIRING CANNOT BE RUN IN THE SAME CONDUIT WITH 120 VOLT AND ABOVE POWER WIRING. LOW VOLTAGE WIRING OF 30 VOLTS AND ABOVE OR TELEPHONE LINES.
11. ALL WIRING SHALL BE TAGGED BY THE ELECTRICAL CONTRACTOR AT ALL JUNCTION POINTS AND SHALL BE TESTED FROM BOTH ENDS. SHORTS AND/OR CROSSES BETWEEN CONDUITS, DO NOT LABEL CONDUITS, WIRING AS SHOWN ON FLOOR PLANS IS A SUGGESTED METHOD ONLY EXCEPT WHERE CONTRACTOR ON JOB SITES TO SUIT LOCAL CONDITIONS.
12. EQUIPMENT AND DEVICE LOCATIONS SHOWN ON FLOOR PLANS BE APPROXIMATE EXACT LOCATIONS SHALL BE DETERMINED ON JOB SITES TO SUIT LOCAL CONDITIONS.
13. WHEN BUILDING HAS EMERGENCY AND/OR STANDBY POWER SYSTEM, ALL BUILDING POWER REQUIRED FOR DIEBOLD EQUIPMENT SHALL BE CONNECTED TO THAT SYSTEM.
14. WHEN WIRING IS RUN IN HOLLOW SPACES SUCH AS OVERHEAD CEILING, SPOUT HOLLOW SPACES ARE USED TO RUN WIRING. WIRING SHALL BE INSTALLED IN ELECTRICAL METALLIC TUBING, FLEXIBLE METALLIC TUBING, INTERMEDIATE METALLIC CONDUIT, RIGID METALLIC CONDUIT, METAL SURFACE RACEWAY OR WIREWAY WITH METAL COVERS WHERE ACCESSIBLE OR FLEXIBLE METALLIC CONDUIT (SEE SECTION 300-22 I.C. NATIONAL ELECTRICAL CODE I).
15. MINIMUM OF 2"-0" WIRE STUB-OUT AT ALL JUNCTION BOXES DEMANDATED FOR CONNECTION OF DEVICES CABINETS, OR FOR SPlicing, UNLESS OTHERWISE SPECIFIED.

ALARM AND SURVEILLANCE STANDARDS

1. DIEBOLD WILL INSTALL AND ADJUST ALL DIEBOLD FINISHED UNLESS OTHERWISE SPECIFIED.
2. PER DIEBOLD SPECIFICATIONS AND THE NATIONAL ELECTRICAL CODE, PURCHASER MUST MAKE ALL WALL AND LINING PENETRATIONS INSTALL ALL WIRE, CONDUIT, OUTLET BOXES, JUNCTION BOXES, JUNCTION BOX ALL PRINTS AND ALL LEASED WIRES INCLUDING TELEPHONE LINES FOR REMOTE CONNECTIONS AND REMOVE AND/OR RELOCATE ANY FITTERS OR OBSTACLES TO PREVENT INSTALLATION OF DIEBOLD EQUIPMENT IN THE EVENT OF A CONFLICT BETWEEN DIEBOLD SPECIFICATIONS AND THE NATIONAL ELECTRICAL CODE.
3. ALL LOW VOLTAGE WIRE SPECIFIED, FINISHED BY OTHERS.
4. ONLY WIRE MEETING THE SPECIFICATIONS SET FORTH IN THE DIEBOLD SECURITY AND SURVEILLANCE CABLE SCHEDULE (FILE NO. 170-10) MAY BE USED.
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 - B. THE EXISTING WIRING DOES NOT HAVE THERMAL PLASTIC INSULATION
 - C. THE EXISTING WIRING SIZE DOES NOT MEET DIEBOLD SPECIFICATIONS
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A08003

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 Portland, ME

KeyBank
 2025 Ontario St., 4th Floor, Cleveland, Ohio 44115

REVISIONS:
 Issued for Bid and P. mt
 8/28/03

Drawn by: DD
 Checked by: DD
 Job Number: 3587-001
 Dwg. Description: Security Documents
 Sheet Title: Security Layout

Street Number:
DB-2
 Original Date: August 2 2003