

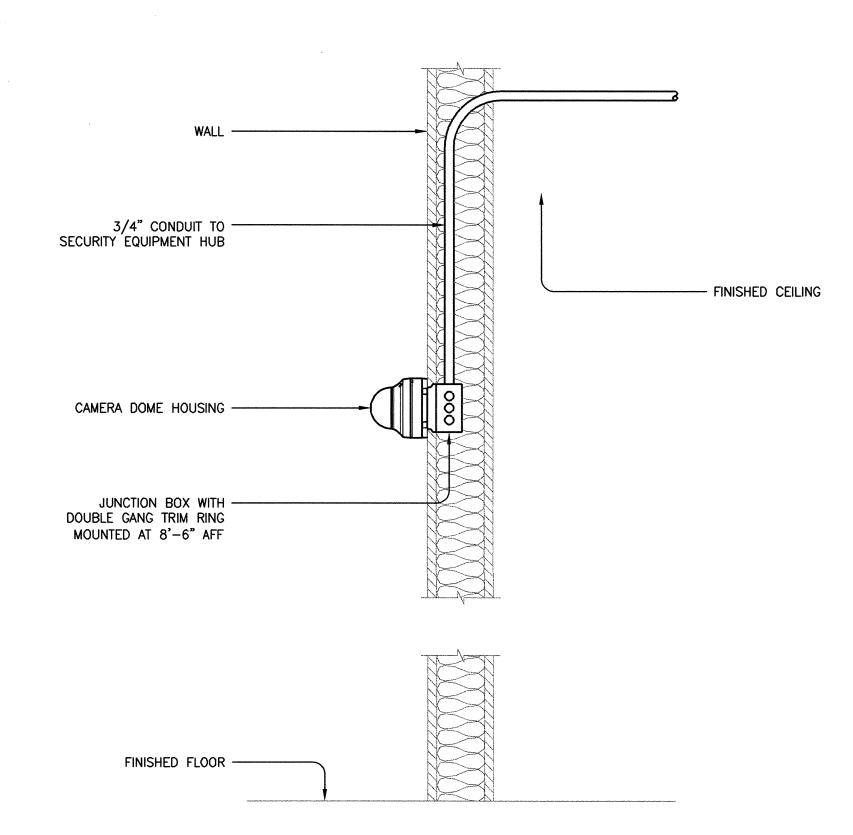
NOTE: 1. ALL EQUIPMENT SHOWN WEIGHS UNDER 20 LBS.

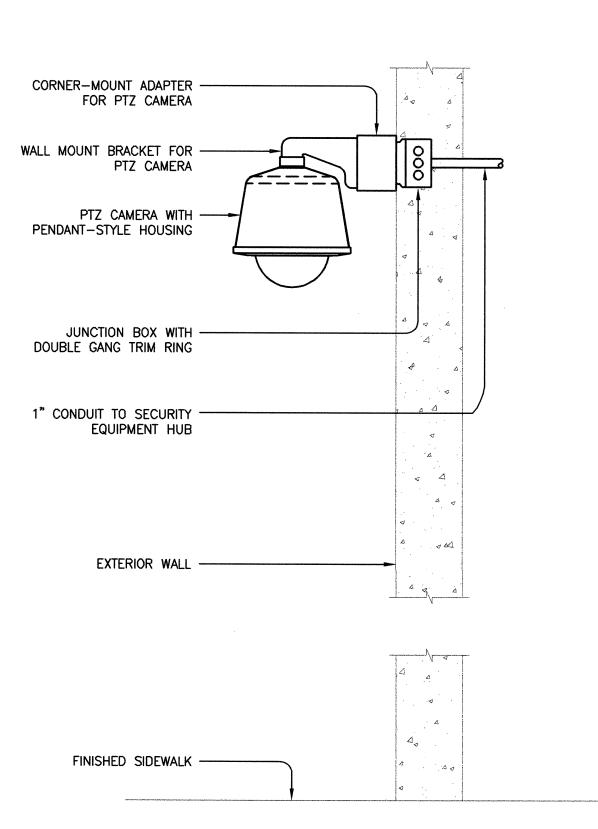
## CARD READER PAIR (LOCKSET)

- REQUEST TO EXIT MOTION DETECTOR BYPASSES ALARM ONLY ON EXIT.

- DOOR IS LOCKED ON THE NON-PROTECTED SIDE AND UNLOCKED ON THE PROTECTED SIDE. - TO OPEN DOOR FROM NON-PROTECTED SIDE, CARD MUST BE PRESENTED TO UNLOCK DOOR.

SECURITY EQUIPMENT ELEVATION
SCALE: 1" : 1'-0"





DETAIL APPLIES TO THE FOLLOWING CAMERA SYMBOLS

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MINI-DOME IP CAMERA [WALL MOUNT]

PTZ CAMERA - CORNER MOUNT SCALE: NONE

GENERAL SHEET

- SECURITY DEVICE ELEVATION DIAGRAMMATIC. PROVIDE DEVICES AS REQUIRED TO HANDLE THE SECURITY FIELD EQUIPMENT SHOW ON THE FLOOR PLANS.
- 2. INSTALL 1/2" C BETWEEN JUNCTION BOXES AND DEVICES, UON.
- 3. VIEW OF DOORS ALWAYS FROM THE PROTECTED SIDE, UON.
- 4. JUNCTION BOXES ARE 4" SQ. X 2-1/8" D, UON.
- 5. DASHED SYMBOLS AND JUNCTION BOXES INDICATE DEVICES ON THE OPPOSITE SIDE OF THE
- 6. CENTER OF DEVICE JUNCTION BOXES ARE MOUNTED 6" AWAY FROM THE LATCH SIDE OF THE
- 7. DOOR CONTACTS MOUNTED 6" AWAY FROM THE LATCH SIDE OF THE DOOR, UON.
- 8. FLUSH MOUNT JUNCTION BOXES INSTALLED BELOW THE CEILING LINE.
- 9. CONCEAL CONDUIT MOUNTED BELOW THE CEILING LINE IN THE WALLS.
- 10. CONDUIT AND JUNCTION BOXES ARE NEW, UON.
- 11. INSTALL REQUEST TO EXIT DEVICES ON PROTECTED SIDE OF DOOR UON.
- 12. SECURITY CONTRACTOR RESPONSIBLE FOR TERMINATING CABLE TO TRANSFER HINGE AS WELL AS LOCK BODY. COORDINATE WITH HARDWARE SUPPLIER AS LOCKS INSTALLED.
- 13. DOORS AND FRAMES MUST BE FACTORY FABRICATED FOR SECURITY DEVICES INCLUDING LOCK WIRE PATHWAY, 1" DOOR CONTACTS, AND ACCESS HOLE BEHIND ELECTRIC TRANSFER HINGE.

COORDINATE LOCATIONS AND SIZES WITH DEVICE MANUFACTURERS INSTALLATION TEMPLATES.

14. LOCATE ALL JUNCTION BOXES AND LOCAL POWER SUPPLIES ABOVE ACCESSIBLE CEILING GRID ON SECURE SIDE OF PROTECTED DOOR.

### NUMBERED SHEET NOTES

### SECURITY:

S-1 REQUEST-TO-EXIT MOTION DETECTOR MOUNTED ON PROTECTED SIDE OF DOOR.

S-2 PROVIDE RECESSED MOUNTED 1" DIAMETER DOUBLE POLE DOUBLE THROW MAGNETIC CONTACTS. U.O.N.

#### ELECTRICAL:

E-1 PROVIDE A 1-GANG DEVICE RING FOR THE 4" SQ BOX. MOUNT AS CLOSE TO DOOR AS

E-2 PROVIDE A 1-GANG DEVICE RING FOR THE 4" SQ BOX MOUNTED HORIZONTALLY.

E-3 STUB PATHWAY ABOVE CENTER HINGE FOR FISHING WIRE TO ELECTRIC THROUGH WIRE

E-4 PROVIDE A 2-GANG DEVICE RING FOR THE 4" SQ BOX.

1-1/4" CONDUIT(S) TO FIELD DEVICES

	EQUIPMENT LIST
EQUIP. #	DESCRIPTION/COMMENT
1	ACCESS CONTROL SYSTEM ENCLOSURE
2	DEVICE POWER SUPPLY: 12VDC CONTINUOUS POWER SUPPLY
3	LOCK POWER SUPPLY: 24VDC POWER SUPPLY
4	CAMERA POWER SUPPLY: 24VAC
5	EXTERNAL TRANSFORMER FOR ACCESS CONTROL SYSTEM
6	4"X4"X48" NEMA TYPE-1 SCREW COVER GUTTER RACEWAY
7	2" CHASE NIPPLE

# ELECTRICAL POWER LIST

EQUIP. #	DESCRIPTION/COMMENT
A	DEDICATED 120VAC/20A HARDWIRED TO EACH POWER SUPPLY

am

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**IDENTIFICATION STAMP** DIVISION OF THE STATE ARCHITECT

DATE 2/9/11

CALIFORNIA STATE FIRE MARSHAL **APPROVED** 

APPROVAL OF THIS PLAN DOES NOT AUTHORIZE OR APPROVE ANY OMISSION OR DEVIATION FROM APPLICABLE REGULATIONS. FINAL APPROVAL IS SUBJECT TO FIELD INSPECTION. ONE SET OF APPROVED PLANS SHALL BE AVAILABLE ON THE PROJECT SITE AT ALL TIMES.

REVIEWED BY: \_\_\_\_\_ DATE:

## CAÑADA **COLLEGE**

Electrical Intrastructure Replacement Project

4200 Farm Hill Blvd Redwood City, CA 94061

**BID SET** 

Installation Details

REVISIONS NO. DATE DESCRIPTION

DATE January 14, 2011

AS NOTED

JOB NO. 2921.01 SY5.01