S E C U R I T Y T I T L E S H E E T

CONVENTIONS

NOT ALL SYMBOLS MAY BE USED

- E-1 — ELECTRICAL SHEET NOTE
- G-1 — GENERAL CONTRACTOR SHEET NOTE
- M-1 — MECHANICAL CONTRACTOR SHEET NOTE
- S-1 — SECURITY SHEET NOTE
- T-1 — TELECOMMUNICATIONS SHEET NOTE
- W-1 — OWNER SHEET NOTE
- 1 — CONDUIT IDENTIFICATION TAG.
- 1 — NUMBERED SHEET NOTE (APPLIES TO DRAWING CONTAINING NOTES ONLY).
- 1 — EQUIPMENT IDENTIFICATION TAG.
- 1 — NUMBERED SHEET NOTE (APPLIES TO ALL DRAWINGS).
- 001 — DOOR NUMBER
- C01 — SIGNAL CONDUIT BANK TAG. REFER TO SCHEDULE.
- 1 — PHOTO REFERENCE, SEE PHOTO SECTION OF SPECIFICATIONS FOR PHOTOS.

DETAIL REFERENCE

- 1 / SY1.1 — SHEET NUMBER (SY=SECURITY); DETAIL DESIGNATION

ELEVATION REFERENCE

- 1 / SY1.1 — SHEET NUMBER (SY=SECURITY); DETAIL DESIGNATION

SECURITY DEVICE REFERENCE

- SYXX.1 / CR001 — DETAIL DESIGNATION; DEVICE ID; SHEET NUMBER

CR001 — SECURITY DEVICE ID REFERENCE

- DEVICE NUMBER
- DEVICE TYPE
  - CR = CARD READER
  - A = ALARM INPUT
  - R = RELAY OUTPUT
  - IC = INTERCOM STATION
  - K = CCTV CAMERA

PATHWAYS

NOT ALL SYMBOLS MAY BE USED

- UNDERGROUND TELECOMMUNICATION CONDUIT DUCT BANK.
- CONDUIT RUN EXPOSED ON WALL OR CEILING.
- CONDUIT RUN CONCEALED IN SLAB, UNDER SLAB OR UNDERGROUND.
- CONDUIT RUN CONCEALED IN WALL OR CEILING.
- CONDUIT HOMERUN, CONTINUOUS RUN TO PANEL OR EQUIPMENT CABINET.
- FLEXIBLE METALLIC CONDUIT.
- CONDUIT TURNED UP.
- CONDUIT TURNED DOWN.
- MULTI-OUTLET SURFACE RACEWAY; TYPE, OUTLET SPACING AND MOUNTING AS INDICATED BY NUMBERED NOTE.
- "LADDER STYLE" CABLE TRAY SUSPENDED FROM STRUCTURE ABOVE, UON.
- CABLE RUNWAY (LADDER-RACK) SUSPENDED FROM STRUCTURE ABOVE, UON.
- CABLE TRAY WITH SOLID BOTTOM AND SOLID TOP, SUSPENDED FROM STRUCTURE ABOVE, UON.
- "BASKET STYLE" CABLE TRAY, SUSPENDED FROM STRUCTURE ABOVE, UON.
- J — J — MAIN J-HANGER CABLE ROUTING PATHWAY.
- CONDUIT STUB THROUGH WALL OR FLOOR, NUMBERS INDICATE SIZE AND QUANTITY.
- "EZ-PATH" TYPE FIRESTOP ASSEMBLY, NUMBERS INDICATE SIZE AND QUANTITY.

POWER & LIGHTING

NOT ALL SYMBOLS MAY BE USED

SECURITY

NOT ALL SYMBOLS MAY BE USED

- CR — CARD READER, MOUNTED +42" AFF UON.
  - G = GLASS MOUNT
  - K = WITH KEYPAD
  - L = LONG RANGE
  - M = MULLION MOUNT
  - P = PEDESTAL MOUNT
- ELX — ELECTRIC MORTISE LOCK WITH REX
- EL — ELECTRIC MORTISE LOCK
- ES — ELECTRIC STRIKE
- ML — MAGNETIC LOCK
- MLC — MAGNETIC LOCK WITH CONTACT
- MSL — MAGNETIC SHEAR LOCK
- ED — ELECTRIC EXIT DEVICE
- EDX — ELECTRIC EXIT DEVICE WITH REX
- DO — DOOR OPERATOR
- TH — TRANSFER HINGE
  - C = DOOR POSITION & FEED-THROUGH
  - E = ELECTRIC FEED-THROUGH
- RX — REX MOTION DETECTOR, WALL OR CEILING MOUNTED ABOVE DOOR
- PS — POWER SUPPLY
- C — MAGNETIC DOOR CONTACT
  - (BLANK) = STANDARD
  - WG = WIDE GAP
  - W = WIRELESS
- KXXX — FIXED CAMERA, WALL MOUNT
- KXXX — FIXED CAMERA, CEILING MOUNT
- KXXX — PAN-TILT-ZOOM CAMERA, WALL MOUNT
- KXXX — PAN-TILT-ZOOM CAMERA, CEILING MOUNT
- SECURITY/CCTV EQUIPMENT CABINET
- SJB — SECURITY DOOR JUNCTION BOX, 12"X16"X6"D, UON

GENERAL NOTES

APPLIES TO ALL SHEETS

1. REFER TO WRITTEN SPECIFICATIONS FOR PROJECT SCOPE, GENERAL REQUIREMENTS, PRODUCT SPECS, AND INSTALLATION REQUIREMENTS.
2. DRAWINGS INDICATE APPROXIMATE LOCATIONS OF CEILING MOUNTED DEVICES. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS AND COORDINATE EXACT LOCATIONS WITH LIGHT FIXTURES AND OTHER DEVICES.
3. MOUNTING HEIGHTS SHOWN ARE FROM FINISHED FLOOR TO THE CENTERLINE OF THE DEVICE. MOUNTING HEIGHTS SHALL BE AS SHOWN ON THE SYMBOLS LIST UNLESS OTHERWISE NOTED ON THE PLANS OR IN THE SPECIFICATIONS. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
4. ELECTRICAL MATERIALS AND EQUIPMENT SHALL BE LISTED BY UNDERWRITERS LABORATORIES AND BEAR THEIR LABEL, UON.
5. REPORT TO THE ENGINEER ANY OBSERVATIONS OF CONDITIONS WHICH ARE DISCOVERED IN THE BUILDING WHICH WOULD PREVENT THE CORRECT INSTALLATION OF THE DESIGNED SYSTEM.
6. CONDUIT ROUTING (WHERE SHOWN) IS ESSENTIALLY DIAGRAMMATIC.
7. SEAL CONDUIT AND RACEWAY PENETRATIONS THROUGH FIRE RATED WALLS AND FLOORS TO MAINTAIN THE FIRE SEPARATION RATING.
8. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT LOCATIONS OF WALL MOUNTED DEVICES. DRAWINGS INDICATE APPROXIMATE LOCATIONS ONLY.
9. PROVIDE NECESSARY EQUIPMENT AND/OR ACCESSORIES FOR A FULLY FUNCTIONAL SYSTEM THAT MEETS INTENDED DESIGN WHETHER EXPRESSLY SPECIFIED OR NOT.
10. PROVIDE REQUIRED CONDUIT, BACKBOXES, JUNCTION BOXES, AND SECURITY EQUIPMENT ENCLOSURES, WHETHER ON DRAWINGS OR NOT, UON.
11. MAINTAIN A COPY OF THE SPECIFICATIONS ACCOMPANYING DRAWINGS ON THE JOB SITE AT ALL TIMES FOR REFERENCE. BE ABLE TO PRESENT THE SPECIFICATIONS UPON REQUEST.
12. REFERENCE OTHER TRADE'S DRAWINGS AND SPECIFICATIONS (E.G., TELECOM) FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
13. PROVIDE PLASTIC BUSHINGS ON EXPOSED ENDS OF CONDUIT AND SLEEVES.
14. PROVIDE APPROPRIATE NYLON PULL ROPE IN CONDUITS.
15. PROVIDE CONDUIT PLUGS IN ALL OSP SECURITY CONDUITS ACCORDING TO THE CABLE USE AND USE BLANK PLUGS FOR UNUSED CONDUITS.
16. MOUNT EQUIPMENT OR DEVICES, SUCH AS RUNWAY, CONDUITS, J-HANGER, AND PULL BOXES ACCORDING TO STATE AND LOCAL CODES FOR SEISMIC BRACING.
17. LABEL SECURITY CABLES ACCORDING TO SPECIFICATIONS. PROVIDE LABELS AT BOTH ENDS. VERIFY FORMAT AND INFORMATION FIELDS WITH AND RECEIVE APPROVAL FROM OWNER PRIOR TO LABELING.
18. LABEL ALL SECURITY CONDUITS AT EACH END OF THE CONDUIT IDENTIFYING THE DESTINATION AND USE AS "SECURITY". REFER TO ELECTRICAL SPECIFICATIONS AND DRAWINGS FOR ADDITIONAL INFORMATION.
19. REFER TO ELECTRICAL SYSTEMS DRAWINGS FOR SECURITY CONDUIT LAYOUT. (VERIFY IF CORRECT)
20. REFER TO SECTION 08 71 00 FOR EXIT DEVICE HARDWARE REQUIRING A LOCAL POWER SUPPLY. INTERCONNECT LOW VOLTAGE CABLES BETWEEN SYSTEM AND LOCKS.
21. SECURITY DOOR HARDWARE TO FAIL SECURE, UON.
22. EXIT DEVICE ELECTRIC HARDWARE TO HAVE MANUFACTURERS POWER SUPPLIES AND BACK-UP BATTERIES WHERE REQUIRED FOR NORMAL AND EMERGENCY OPERATION.
23. EGRESS HARDWARE SHALL BE OPERABLE AT ALL TIMES. SECURITY HARDWARE SHALL NOT PROHIBIT EGRESS.
24. PROVIDE EXPANSION/DEFLECTION FITTING FOR CONDUITS CROSSING EXPANSION JOINTS.

DRAWING INDEX

SHEET NUMBER	SHEET TITLE	PROGRESS SET	PRELIMINARY PLANS	PRELIMINARY PLANS	50% CD	DSA SUBMITTAL	BID SET	CONFORMED SET
SY0.01	SYMBOLS LIST AND DRAWING INDEX	X	X	X	X	X	X	
SY0.11	BLOCK DIAGRAM – ACAMS & VSS	X	X	X	X	X	X	
SY2.01	FLOOR PLAN – BUILDING 30	X	X	X	X	X	X	
SY5.01	INSTALLATION DETAILS	–	–	–	–	X	X	X

ISSUE LOG KEY:
' X ' ISSUED AS PART OF A SET
' – ' NOT A PART OF ISSUED SET

DATE
04/02/10
04/15/10
04/23/10
06/23/10
08/30/10
01/14/11
05/20/11

ABBREVIATIONS

NOT ALL ABBREV. MAY BE USED

A	AMPERES
ACAMS	ACCESS CONTROL AND ALARM MONITORING SYSTEM
AFF	ABOVE FINISHED FLOOR
AWG	AMERICAN WIRE GAUGE
BDF	BUILDING DISTRIBUTION FACILITY
C	CONDUIT
CAT3	CATEGORY 3 TWISTED PAIR UTP CABLE
CAT5E	CATEGORY 5E TWISTED PAIR UTP CABLE
CAT6	CATEGORY 6 TWISTED PAIR UTP CABLE
CATV	COMMUNITY ANTENNA TELEVISION
CEC	CCTV EQUIPMENT CABINET
DIV	DIVISION
(E)	EXISTING
EC	ELECTRICAL CONTRACTOR
EMS	ELECTRIC MANAGEMENT SYSTEM
EMT	ELECTRICAL METALLIC TUBING
(F)	FUTURE
FACP	FIRE ALARM CONTROL PANEL
FATC	FIRE ALARM TERMINAL CABINET
FO	FIBER OPTIC
GC	GENERAL CONTRACTOR
IDF	INTERMEDIATE DISTRIBUTION FACILITY
IDS	INTRUSION DETECTION SYSTEM
JB	JUNCTION BOX
MDF	MAIN DISTRIBUTION FACILITY
MH	MAINTENANCE HOLE
MM	MULTIMODE FIBER OPTIC CABLE
MPOE	MINIMUM POINT OF ENTRY
MT	EMPTY
N	NEW
NC	NORMALLY CLOSED
NO	NORMALLY OPEN
NTS	NOT TO SCALE
OC	ON CENTER
OSP	OUTSIDE PLANT
(P)	PROTECTED SIDE OF DOOR
PB	PULL BOX
PNL	PANEL
PR	PAIR (OF COPPER CONDUCTORS)
PVC	POLYVINYL CHLORIDE
REX	REQUEST TO EXIT
SAD	SEE ARCHITECTURAL DRAWINGS
SEC	SECURITY EQUIPMENT CABINET
SM	SINGLEMODE OPTICAL FIBER
SCTP	SCREENED TWISTED PAIR
STR	STRAND(S) OF FIBER
STP	SHIELDED TWISTED PAIR
TBB	TELECOM BONDING BACKBONE
TBC	TELECOM BONDING CONDUCTOR
TGB	TELECOM GROUNDING BUSBAR
TMGB	TELECOM MAIN GROUNDING BUSBAR
TYP	TYPICAL
UON	UNLESS OTHERWISE NOTED
UPS	UNINTERRUPTIBLE POWER SUPPLY
UTP	UNSHIELDED TWISTED PAIR
V	VOLTS
WP	WEATHERPROOF
XFMR	TRANSFORMER

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IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
APPLICATION NUMBER 01-111618
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DATE

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 Infrastructure Replacement Project

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Redwood City, CA 94061

LICENSED ARCHITECT
CHRISTOPHER NOLL
REN. 12/31/11
C15916
STATE OF CALIFORNIA

RECORD DRAWING

SHEET TITLE

Symbols List and Drawing Index

REVISIONS

NO.	DATE	DESCRIPTION

DATE	July 9, 2012
DRAWN	TK/CM
CHECKED	MAPA
SCALE	NONE
JOB NO.	2921.01

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