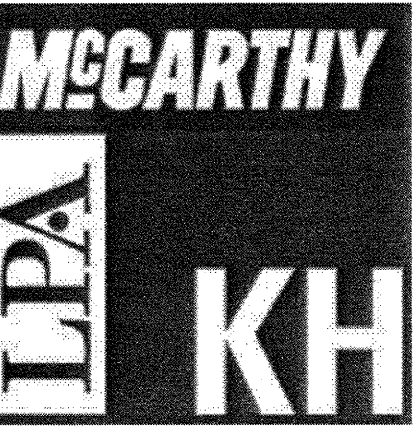


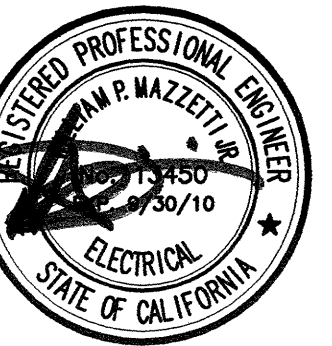
COLLEGE of SAN MATEO

SITE PACKAGE SAN MATEO, CALIFORNIA



McCarthy Building Companies, Inc.
343 Sansome Street, 14th Floor
San Francisco, California 94104
P 415 | 364-1339
F 415 | 397-5999

NetVersant
network solutions for an ever-evolving
47811 WARM SPRINGS BLVD.
FREMONT, CA 94539
OFFICE: 510.771.1200
FAX: 510.252.0109



IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICE
APPL # 01-110097
AC/A FLS AN/SS D.M.
DATE APR 09 2009
FILE NUMBER:

The end of other project documents and all other, including but not limited to, drawings, specifications, and reports, are the property of U.S. & M. The user of these documents is to be limited to the project for which they were prepared and no part of these documents may be reproduced or transmitted in any form or by any means electronic or mechanical, including photocopying, recording, or by any information storage and retrieval system, without the prior written permission of U.S. & M. U.S. & M. shall not be held responsible for any errors or omissions in these documents and shall not be held responsible for any damages, including consequential damages, arising from the use of these documents. U.S. & M. shall not be held responsible for any damages, including consequential damages, arising from the use of these documents. U.S. & M. shall not be held responsible for any damages, including consequential damages, arising from the use of these documents.

College of San Mateo
Site Package
San Mateo, CA
Developed for
San Mateo County Community College District

ABBREVIATIONS	SECURITY CONVENTIONS	DRAWING CONVENTIONS	SECURITY GENERAL NOTES	DRAWING INDEX
<p>A AMPERES AC ALTERNATING CURRENT ACAMS ACCESS CONTROL AND ALARM MONITORING SYSTEM ACP ACCESS CONTROL PANEL AFF ABOVE FINISHED FLOOR ANSI AMERICAN NATIONAL STANDARD INSTITUTE AWG AMERICAN WIRE GAUGE BNC BAYONET NAVEL CONNECTOR BPS BITS PER SECOND C CONDUIT CAT3 CATEGORY 3 (UTP CABLE) CAT5 CATEGORY 5 (UTP CABLE) CAT5E CATEGORY 5E (UTP CABLE) CAT6 CATEGORY 6 (UTP CABLE) CATV COMMUNITY ANTENNA TELEVISION CEC CCTV EQUIPMENT CABINET CR CARD READER CS COURTESY CALL STATION DC DIRECT CURRENT DPDT DOUBLE POLE DOUBLE THROW DS ELECTRIC DOOR STRIKE E EXISTING EB EMERGENCY DURESS BUTTON EC ELECTRICAL CONTRACTOR EDR EMERGENCY DOOR RELEASE EL ELECTRIFIED LOCKSET ELH ELECTRIFIED LOCKING HARDWARE EPH ELECTRIFIED PANIC HARDWARE ET EMERGENCY TELEPHONE F FUTURE FACP FIRE ALARM CONTROL PANEL FO FIBER OPTIC GC GENERAL CONTRACTOR IDF INTERMEDIATE DISTRIBUTION FACILITY JB JUNCTION BOX LAN LOCAL AREA NETWORK KP KEYPAD LCD LCD LIQUID CRYSTAL DISPLAY LS LOCAL SOUNDER M MONITOR MDF MAIN DISTRIBUTION FACILITY MPOE MINIMUM POINT OF ENTRY MC MAGNETIC DOOR CONTACT (N) NEW NC NORMALLY CLOSED NO NORMALLY OPEN NTS NOT TO SCALE PB PULLBOX PNL PANEL PR PAIR (OF COPPER CONDUCTORS) PVC POLYVINYL CHLORIDE PC PERSONAL COMPUTER PS POWER SUPPLY PTZ PAN/TILT/ZOOM REX REQUEST TO EXIT DEVICE SAD SEE ARCHITECTURAL DRAWINGS SPDT SINGLE POLE DOUBLE THROW STP SHIELDED TWISTED PAIR TP TWISTED PAIR TS TAMPERS SWITCH TYP TYPICAL UL UNDERWRITERS LABORATORIES U.O.N. UNLESS OTHERWISE NOTED UPS UNINTERRUPTIBLE POWER SUPPLY UTP UNSHIELDED TWISTED PAIR V VOLTS VDT VIDEO DISPLAY TERMINAL VMUX VIDEO MULTIPLEXER VS VIDEO SERVER WP WEATHERPROOF WPW WEST PENN WIRE</p>	<p>BRF BIOMETRIC READER, MOUNTED +42" AFF UON. H = HAND GEOMETRY F = FINGER PRINT R = RETINAL SCAN V = VOICE RECOGNITION CR CARD READER, MOUNTED +42" AFF UON. EL ELECTRIC MORTISE LOCK ES ELECTRIC STRIKE ML MAGNETIC LOCK ED ELECTRIC EXIT DEVICE DO DOOR OPERATOR TH TRANSFER HINGE C = DOOR POSITION & FEED-THROUGH E = ELECTRIC FEED-THROUGH DR DOOR RELEASE W = WALL MOUNT RX REX MOTION DETECTOR, WALL OR CEILING MOUNTED ABOVE DOOR SJB SECURITY DOOR JUNCTION BOX, 12"X16"X6"D, UON. DH DOOR HOLD OPEN/RELEASE DEVICE LA LOCAL ALARM PS LOCAL POWER SUPPLY KP KEYPAD, MOUNTED +42" AFF UON. A GENERAL ALARM POINT C MAGNETIC DOOR CONTACT MOUNTED IN DOOR HEADER H ROLL-UP DOOR (WIDE GAP) DB DURESS BUTTON (BLANK) = UNDERCOUNTER P = PULL STATION GB GLASS BREAK SENSOR C = CEILING MOUNT W = WALL MOUNT MD MOTION DETECTOR C = CEILING MOUNT W = WALL MOUNT MW = MICROWAVE KS KEY SWITCH FX FIXED CCTV CAMERA PTZ PAN/TILT/ZOOM CCTV CAMERA LEX FIXED CCTV CAMERA ON A POLE PTZ PAN/TILT/ZOOM CCTV CAMERA ON A POLE CCTV MONITOR VIDEO MULTIPLEXER VIDEO MOTION DETECTOR VIDEO RECORDER (ANALOG OR DIGITAL) VIDEO CONTROL KEYBOARD SECURITY ACAMS/CCTV EQUIPMENT CABINET</p>	<p>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). DOOR NUMBER DETAIL REFERENCE SHEET NUMBER (T=TELECOM SY=SECURITY) DETAIL DESIGNATION ELEVATION REFERENCE SHEET NUMBER (T=TELECOM SY=SECURITY) DETAIL DESIGNATION TELECOMMUNICATION EQUIPMENT ROOM DESIGNATIONS CLOSE # FLOOR DISTRIBUTION FACILITY CLASSIFICATION M = MAIN I = INTERMEDIATE ICD-2.1 CLOSE # FLOOR TERMINATION FIELD TYPE D = DATA F = FIBER V = VOICE CLASSIFICATION MC = MAIN CROSS-CONNECT IC = INTERMEDIATE CROSS-CONNECT SECURITY DEVICE REFERENCE DETAIL DESIGNATION DEVICE ID SHEET NUMBER CRO01 SECURITY DEVICE ID REFERENCE DEVICE NUMBER DEVICE TYPE CR = CARD READER A = ALARM INPUT R = RELAY OUTPUT IC = INTERCOM STATION K = CCTV CAMERA</p>	<p>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. 20. REFER TO SECTION 08700 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. INTERFACE SECURITY CONTROLLED DOOR HARDWARE WITH THE FIRE ALARM SYSTEM AS TO NOT IMPEDE EXITING UNDER FIRE ALARM CONDITIONS 25. PROVIDE EXPANSION/DEFLECTION FITTING FOR CONDUITS CROSSING EXPANSION JOINTS.</p>	<p>DWG. No. DESCRIPTION SEC.0.00 GENERAL NOTES, SYMBOLS, ABBREVIATION, LEGEND AND DRAWING INDEX SEC.1.01 SECURITY SYSTEM CCTV BLOCK DIAGRAM SEC.2.00 SECURITY SYSTEM SITE DEVICE LAYOUT PLAN - OVERALL SEC.2.01 SECURITY SYSTEM SITE DEVICE LAYOUT PLAN - CAMERA No. 1 SEC.2.03 SECURITY SYSTEM SITE DEVICE LAYOUT PLAN - CAMERA No. 2 SEC.2.05 SECURITY SYSTEM SITE DEVICE LAYOUT PLAN - CAMERA No. 3, 4 & 5 SEC.2.08 SECURITY SYSTEM SITE DEVICE LAYOUT PLAN - CAMERA No. 6 & 7 SEC.2.12 SECURITY SYSTEM SITE DEVICE LAYOUT PLAN - CAMERA No. 8 SEC.3.01 SECURITY SYSTEM CAMERA DETAILS</p>
		<p>CABLE ROUTING ALL BY EC, UON</p> <p>CONDUIT RUN EXPOSED ON WALL OR CEILING. CONDUIT RUN CONCEALED IN SLAB, UNDER SLAB OR UNDERGROUND. CONDUIT RUN CONCEALED IN WALL OR CEILING. CONDUIT TURNED UP. CONDUIT TURNED DOWN. "BASKET STYLE" CABLE TRAY, SUSPENDED FROM STRUCTURE ABOVE, UON. 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.</p>		
		<p>ELECTRICAL BY OTHERS</p> <p>DUPLX CONVENIENCE OUTLET, WALL MOUNTED, +18" UON. DUPLX CONVENIENCE OUTLET, WALL MOUNTED, +18" UON., CONNECTED TO EMERGENCY POWER SYSTEM. JUNCTION BOX, MOUNTED ABOVE ACCESSIBLE CEILING.</p>		

Date	
Revision	
Description	

Date	19 SEPT 2008
Revision	09 APRIL 2009
Description	DSA SUBMITTAL DSA FINAL

Job No.	2708230
Date	09 APRIL 2009
Drawn by	AG, RF
Checked by	SM
Scale	AS SHOWN

GENERAL NOTES,
LEGEND, SYMBOLS
ABBREVIATION
AND DRAWING INDEX

SEC.0.00