

NO.	REVISION/ISSUES	DATE
1	10% SCHEDULED DESIGN SUBMITTAL	04/28/20
2	30% DESIGN DEVELOPMENT SUBMITTAL	06/25/20
3	100% DESIGN DEVELOPMENT SUBMITTAL	07/28/20
4	10% MECHANICAL/ELECTRICAL/PLUMBING/TELECOMMUNICATIONS/LOW VOLTAGE/CONDUIT/CHASING/CONDUIT/CHASEWAY/JUNCTION BOXES/120 VAC/ETC. SHALL BE PROVIDED AND INSTALLED BY THE DIVISION 8 CONTRACTOR.	08/26/20
5	INCORPORATE 100% REVIEW	10/08/20
6	CONDUIT/CHASEWAY/JUNCTION BOXES/120 VAC/ETC. SHALL BE PROVIDED AND INSTALLED BY THE DIVISION 16 CONTRACTOR.	11/11/20
7	DOOR HARDWARE SHALL BE PROVIDED AND INSTALLED BY THE DIVISION 8 CONTRACTOR. THE SECURITY CONTRACTOR SHALL CONNECT TO THE DOOR HARDWARE TO SPECIFICATIONS.	11/11/20
8	DOOR HARDWARE SHALL BE PROVIDED AND INSTALLED BY THE DIVISION 8 CONTRACTOR. THE SECURITY CONTRACTOR SHALL CONNECT TO THE DOOR HARDWARE TO SPECIFICATIONS.	11/11/20
9	DOOR HARDWARE SHALL BE PROVIDED AND INSTALLED BY THE DIVISION 8 CONTRACTOR. THE SECURITY CONTRACTOR SHALL CONNECT TO THE DOOR HARDWARE TO SPECIFICATIONS.	12/09/20
10	DOOR HARDWARE SHALL BE PROVIDED AND INSTALLED BY THE DIVISION 8 CONTRACTOR. THE SECURITY CONTRACTOR SHALL CONNECT TO THE DOOR HARDWARE TO SPECIFICATIONS.	02/03/21
11	DOOR HARDWARE SHALL BE PROVIDED AND INSTALLED BY THE DIVISION 8 CONTRACTOR. THE SECURITY CONTRACTOR SHALL CONNECT TO THE DOOR HARDWARE TO SPECIFICATIONS.	03/11/21
12	DOOR HARDWARE SHALL BE PROVIDED AND INSTALLED BY THE DIVISION 8 CONTRACTOR. THE SECURITY CONTRACTOR SHALL CONNECT TO THE DOOR HARDWARE TO SPECIFICATIONS.	06/12/20
13	PROJECT RECORD SET	01/31/21

PROJECT RECORD SET

**SKYLINE COLLEGE
 CIP2 DESIGN-BUILD
 BUILDING 4N**

REVISED

PROJECT NO. 00101200
 DATE 01/31/21
 SCALE AS NOTED
 SHEET TITLE

PROJECT INFORMATION
 COVER SHEET

SHEET NO. **SEC-0.00**

DRAWING INDEX

SHEET NUMBER	SHEET TITLE
SEC-0.00	PROJECT INFORMATION SHEET COVER SHEET
SEC-1.00	ACAMS RISER DIAGRAM WIRING DIAGRAM
SEC-2.00	ACAMS POINT-TO-POINT WIRING DIAGRAM (CONT'D)
SEC-3.00	ACAMS POWER SUPPLIES POINT-TO-POINT WIRING DIAGRAM
SEC-4.00	CCTV RISER DIAGRAM
SEC-1.00	NVR AND STORAGE, CCTV POINT-TO-POINT WIRING DIAGRAM
SEC-2.01	FIRST FLOOR WEST SIDE SECURITY PLAN
SEC-2.02	SECOND FLOOR WEST SIDE SECURITY PLAN
SEC-2.03	SECOND FLOOR EAST SIDE SECURITY PLAN
SEC-2.04	THIRD FLOOR WEST SIDE SECURITY PLAN
SEC-2.05	THIRD FLOOR EAST SIDE SECURITY PLAN
SEC-3.00	NIP EQUIPMENT LAYOUT
SEC-3.01	ACAMS DETAILS
SEC-3.02	AREA OF REFUGE DETAILS
SEC-3.03	ACAMS DOOR DETAILS (CONT'D)

SECURITY GENERAL NOTES

- THE SYMBOLS ON THE DRAWINGS CONVEY THE APPROXIMATE LOCATION OF THE DEVICES AND HARDWARE.
- THE INSTALLATION SHALL MEET OR EXCEED THE CURRENT LOCAL AND/OR STATE CODES WHICHEVER IS MORE RESTRICTIVE.
- ALL MATERIALS SHALL BE NEW, UNUSED, UNDAMAGED, AND IN THE CONDITION AS PROVIDED BY THE MANUFACTURER. EQUIPMENT THAT SHOWS SIGNS OF DAMAGE OR FACTORY DEFECTS SHALL NOT BE INSTALLED.
- CABLING NOT CONTAINED IN A RACEWAY SHALL MAINTAIN A 12" SEPARATION FROM OTHER POWER SOURCES AT ALL TIMES. CABLING THAT MUST CROSS ANOTHER POWER SOURCE WITHIN 12" SHALL DO SO AT A 90° DEGREE ANGLE.
- ALL CABLING SHALL BE LABELED AT EACH CONNECTION POINT WITH A PRINTED LABEL AND WITH A CLEAR DEFINITION TO WHAT THAT CABLE IS FOR.
- ALL CABLING IN PUBLIC AREAS SHALL BE CONCEALED IN WALLS, CEILING, OR RECESSED UNLESS OTHERWISE NOTED. CABLING WITHIN LOW VOLTAGE EQUIPMENT ROOMS, JANITORS CLOSETS, ETC. MAY BE OPEN UNCONCEALED BASED ON THE INDIVIDUAL LOW VOLTAGE EQUIPMENT ROOMS. ANY LOCAL STATE CODES CONCERNING PASSING THROUGH OR TERMINATING IN ELECTRICAL ROOMS SHALL ALWAYS BE CONTAINED IN A RACEWAY.
- CABLING THAT IS "IN THE WAYS" SHALL BE INSTALLED AT RIGHT ANGLES TO THE BUILDING STRUCTURE AS THE STRUCTURE ALLOWS. MAIN CABLING RUNS SHALL GENERALLY FOLLOW WALLS. CABLING SHALL NOT BE RUN FROM OTHER SYSTEMS OR SUPPORTS (WITH THE EXCEPTION OF DIVISION 16 AS APPLICABLE) SUCH AS BUT NOT LIMITED TO THE CEILING GRID SUPPORTS, MECHANICAL SUPPORTS, PLUMBING SUPPORTS, ETC. CABLES SHALL NEVER BE TYPED/STAPLED TO A CONDUIT OR OTHER RACEWAY. CABLING SHALL MAINTAIN A 12" MINIMUM CLEARANCE ABOVE THE CEILING STRUCTURE AT ALL TIMES AS THE CEILING STRUCTURE OR OBSTRUCTION ALLOWS.
- CABLING PATHWAYS ARE DISCREETLY INSTALLED USING J-HOOKS, CEILING WIRES, BEAM CLAMPS, BRIDGE RINGS, ETC. IN ACCESSIBLE CEILING AREAS. COORDINATE WITH DIVISION 16 TO INSTALL CONDUIT AND CHASIS THROUGH IN ACCESSIBLE OR OPEN AREAS AS APPLICABLE.
- IN CASE OF DISCREPANCIES BETWEEN THE FLOOR PLANS, RISER DIAGRAMS, AND EQUIPMENT LISTS, THE FLOOR PLANS SHALL TAKE PRECEDENCE.
- CONTROL PANELS, BATTERY CONTROLS, ETC. SHALL BE SIZED AT A MINIMUM TO SUPPORT THE DEVICES ON THE FLOOR PLANS AND/OR MAY BE REQUIRED TO BE OVERSIZED TO SUPPORT A SPARE PERCENTAGE CAPACITY, OR OTHER SPECIFIC CUSTOMER REQUIREMENT OR STANDARD.
- POWER SUPPLIES SHALL BE PROVIDED TO SUPPORT THE POWER REQUIREMENTS FOR THE DEVICES THEY ARE CONNECTED TO WITH A 20% HEAD ROOM BASED ON THE DEVICES THAT ARE CONNECTED TO THEM.
- POWER SUPPLIES WITH LOW BATTERY AND AC FAIL RELAYS SHALL HAVE THEIR RELAY CONTACTS MONITORED BY THE APPROPRIATE SYSTEM AS APPLICABLE AND AS REQUIRED.
- DOOR HARDWARE SHALL BE PROVIDED AND INSTALLED BY THE DIVISION 8 CONTRACTOR. THE SECURITY CONTRACTOR SHALL CONNECT TO THE DOOR HARDWARE TO SPECIFICATIONS.
- CONDUIT/CHASEWAY/JUNCTION BOXES/120 VAC/ETC. SHALL BE PROVIDED AND INSTALLED BY DIVISION 16 CONTRACTOR.
- NETWORK/TELECOM DROPS/ SWITCHES AND CONFIGURATION SHALL BE PROVIDED BY THE CUSTOMER, OR BY OTHERS.

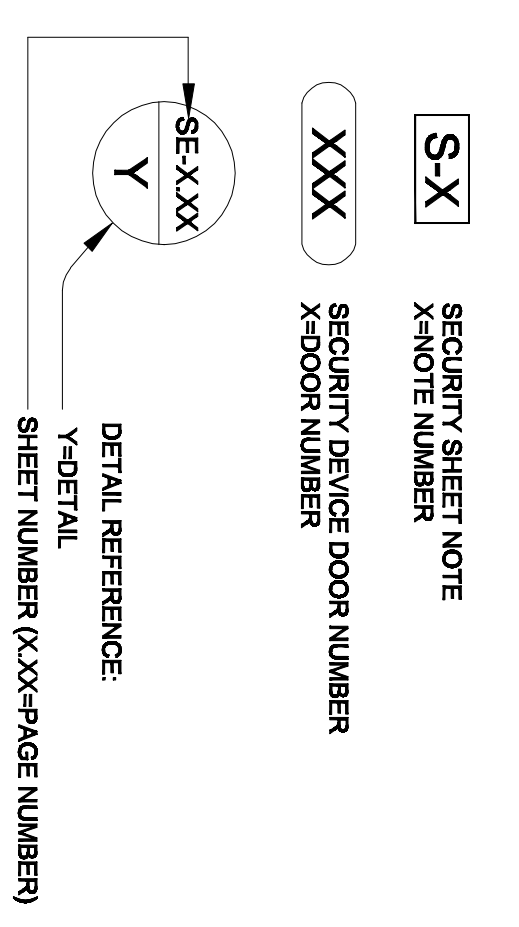
CABLE SCHEDULES

CABLE SCHEDULE ACAMS			
TYPE	DESCRIPTION	MANUFACTURER	PART #
A	162 R32M1 8L 8P 2M 16S 8P 37MG 1UL	BELDEN	8300UE
B	162 R1 0R 1MR 4E 8E 1V 5 4M 1S	BELDEN	8300UE
C	224 R1M1M 0C 0B 0B 0B 0B	BELDEN	8302UE
D	228 S1E1E1D 1M 2M1M 1A	BELDEN	8309UE
E	229R S1E1E1D 1M 2M1M 0R 1A 1A	BELDEN	8341UE

CABLE SCHEDULE CCTV			
TYPE	DESCRIPTION	MANUFACTURER	PART #
F	CAT 6E COAXIAL BLUE CAMERA S	FRANKIUT	PURPO0004ULV
G	182 R1 0R 1MR 4E 8E 1V 5 4M 1S	BELDEN	8300UE

CABLE SCHEDULE AREA OF REFUGE			
TYPE	DESCRIPTION	MANUFACTURER	PART #
H	CAT 6E COAXIAL BLUE PROBES	FRANKIUT	PURPO0004ULV

CONVENTIONS

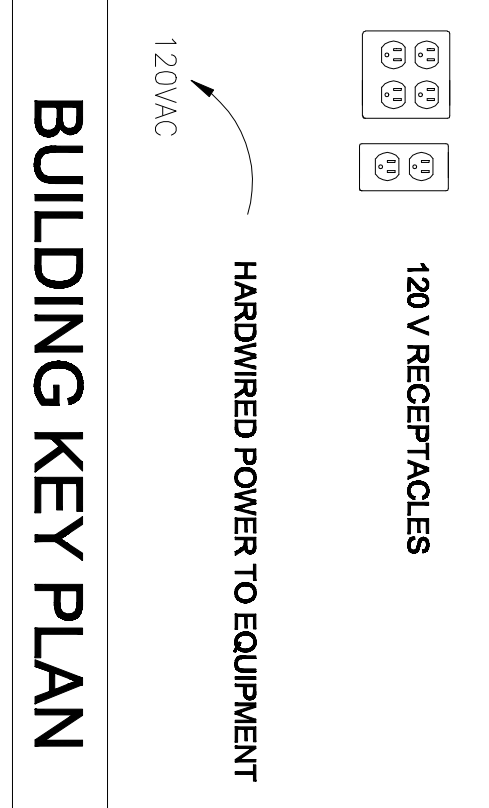


- SECURITY SYMBOLS**
- OR CARD READER, MOUNTED 42" AFF LON.
 - OK CARD READER, WITH KEYPAD MOUNTED 42" AFF LON.
 - OR CARD READER, MULLION MOUNTED 42" AFF LON.
 - M ADA ACTUATOR
 - EPT ELECTRIFIED POWER TRANSFER (supplied by others)
 - EB ELECTRIC MORTISE LOCK (supplied by others)
 - EP ELECTRIFIED PANIC HARDWARE (supplied by others)
 - EB ELECTRIFIED WINKER (supplied by others)
 - BR REQUEST TO EXIT MOTION SENSOR, WALL OR CEILING MOUNTED ABOVE DOOR
 - BRX REQUEST TO EXIT SWITCH IN ELECTRIFIED PANIC HARDWARE (supplied by others)
 - BY MAGNETIC DOOR HOLDER
 - BY MAGNETIC DOOR CONTACT MOUNTED IN DOOR HEADER
 - BY MAGNETIC DOOR CONTACT, ROLL UP DOOR
 - HS LOCAL POWER SUPPLY (supplied by others)
 - AE AUTO EQUALIZER (supplied by others)
 - LA LOCAL ALARM
 - ML MAGLOCK (supplied by others)
 - RT PULL STATION
 - DB DRESS BUTTON
 - GB GLASS BREAK SENSOR
 - R RELAY
 - J JUNCTION BOX (by electrical contractor)
 - FD FIXED DOOR CCTV CAMERA
 - FDZ (PANTILT) DOOR CCTV CAMERA
 - AS AREA OF REFUGE STATION

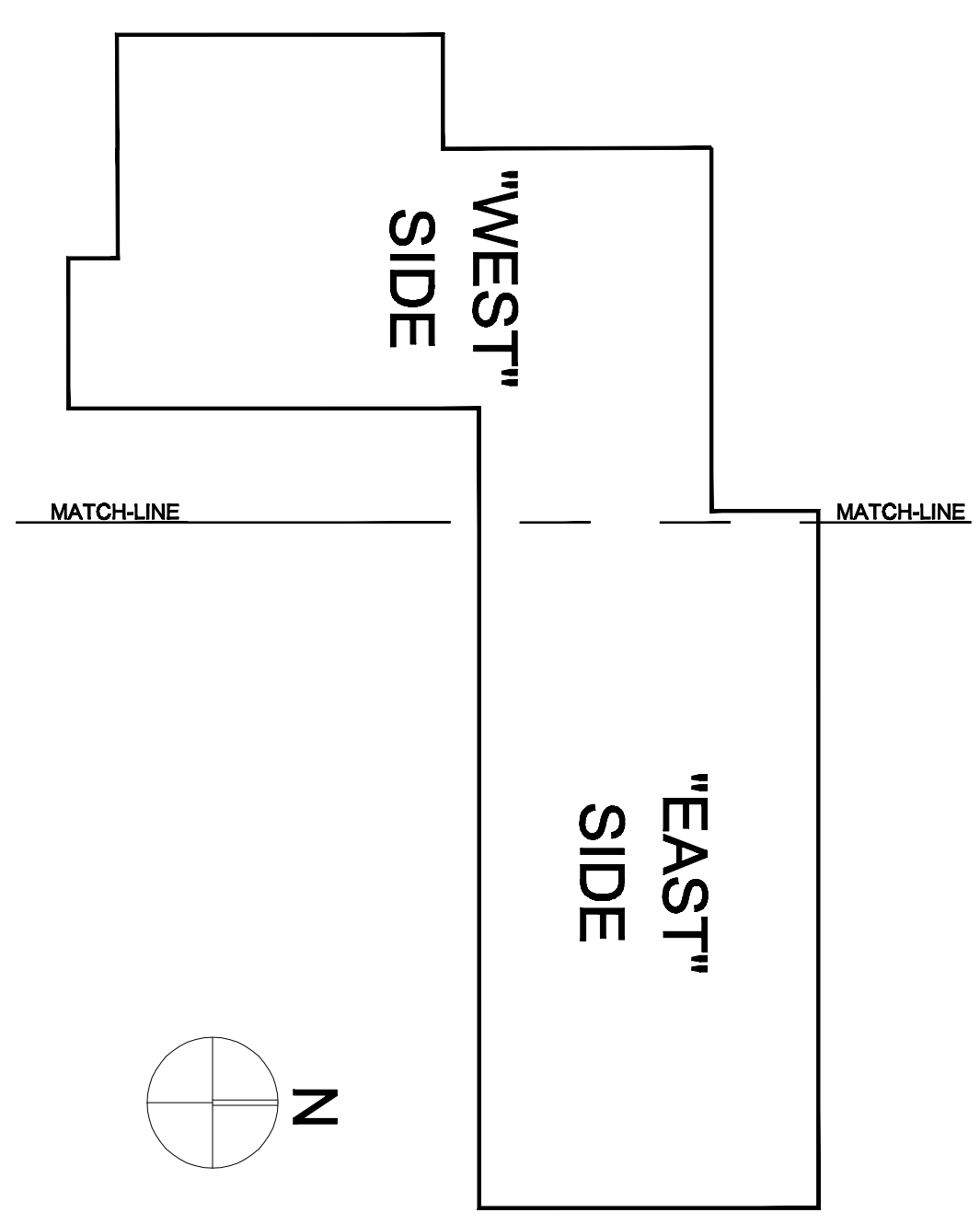
PATHWAYS (by electrical contractor)

J-HOOK PATHWAY (TYP.) *

POWER (by electrical contractor)



BUILDING KEY PLAN



* NOTE: PATHWAYS ON SECURITY DRAWINGS FOR REFERENCE ONLY. SEE ELECTRICAL DRAWINGS FOR EXACT PATHWAY LOCATIONS AND DETAILS.

APPLIES TO ALL SHEETS

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If this drawing is not 100% complete, the drawings shall be marked with the appropriate notes. All notes shall be indicated. This line should be equal to one inch.