



State of Utah—Department of Administrative Services
 DIVISION OF FACILITIES CONSTRUCTION
 AND MANAGEMENT
 4110 State Office Building/Salt Lake City, Utah 84114/(801)538-3018

MILL CREEK YOUTH CENTER OGDEN, UTAH SECURITY UPGRADE

DFCM PROJECT NO.
 09253430



324 S. State St., Suite 400
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CODE ANALYSIS

APPLICABLE CODES			
	Year		Year
International Building Code	2006	National Electrical Code	2008
International Mechanical Code	-	Uniform Code for Building Conservation	-
International Plumbing Code	-	ADA Accessibility Guidelines	-
International Fire Code	2006		
International Energy Conservation Code	-		

A. Occupancy and Group: I-3
 Change in Use: Yes No Mixed Occupancy: Yes No
 Special Use and Occupancy (e.g. High Rise, Covered Mall): _____

B. Seismic Design Category: _____ Design Wind Speed: _____ mph

C. Type of Construction (circle one): ORIGINALLY UBC TYPE II-F.R.
 I A I B II A II B III A III B IV HT V A V B

D. Fire Resistance Rating Requirements for the Exterior Walls based on the fire separation distance (in hours):
 North: 4 South: 4 East: 4 West: 4

E. Mixed Occupancies: N/A Nonseparated Uses: N/A

F. Sprinklers:
 Required: YES Provided: EXISTING Type of Sprinkler System: _____

G. Number of Stories: 1 Building Height: 22' & 30"

H. Actual Area per Floor (square feet): 56,756 S.F.

I. Tabular Area: (TABLE 503)

J. Area Modifications: N/A
 a) $A_a = A_1 + \left[\frac{A_1 I_1}{100} \right] + \left[\frac{A_2 I_2}{100} \right]$ $I_1 = 100 \left[\frac{F}{P} - 0.25 \right] \frac{W}{30}$

b) Sum of the Ratio Calculations for Mixed Occupancies:
 $\frac{\text{Actual Area}}{\text{Allowable Area}} \leq 1$

- c) Total Allowable Area for:
 1) One Story: _____
 2) Two Story: $A_a(2)$ _____
 3) Three Story: $A_a(3)$ _____
 d) Unlimited Area Building: Yes No Code Section: _____

K. Fire Resistance Rating Requirements for Building Elements (hours).

Element	Hours	Assembly Listing	Element	Hours	Assembly Listing
Exterior Bearing Walls	4		Floors - Ceiling Floors		
Interior Bearing Walls	2		Roofs - Ceiling Roofs		
Exterior Non-Bearing Walls	0		Exterior Doors and Windows		
Structural Frame			Shaft Enclosures		
Partitions - Permanent			Fire Walls		
Fire Barriers			Fire Partitions		
			Smoke Partitions		

L. Design Occupant Load: EXISTING
 Exit Width Required: _____ Exit Width Provided: _____

- M. Minimum Number of Required Plumbing Facilities:
 a) Water Closets - Required (m) _____ (f) _____ Provided (m) _____ (f) _____
 b) Lavatories - Required (m) _____ (f) _____ Provided (m) _____ (f) _____
 c) Bath Tubs or Showers: _____
 d) Drinking Fountains: _____ Service Sinks: _____

- FOOTNOTES:
 1) In case of conflict with the U.S. Department of Justice Federal Registers Parts I through V - ADA Guidelines and specific reference to the International Building Code Accessibility Chapters, the more restrictive requirement shall govern.
 2) Additional Code Information shall be provided at the discretion of the Building Official for Complex Buildings. Including, but not limited to:
 a) High Rise Requirements.
 b) Atriums.
 c) Performance Based Criteria.
 d) Means or Egress Analysis.
 e) Fire Assembly Locator Sheet.
 f) Exterior and Interior Accessibility Route.
 g) Fire Stopping, Including Tested Design Number.

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2		
1	03/10/10	IBC PLAN CORRECTIONS

ISSUE: CONSTRUCTION DOCS.
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 PROJECT NO: 20090582
 DRAWN BY: BXW
 CHECKED BY: RPN
 DESIGNED BY: RPN
 RECORD DRAWING DATE:
 SIGNATURE:
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SHEET TITLE
 TITLE SHEET
 E001
 SHEET OF

SYMBOL LEGEND

SYMBOL	DESCRIPTION
CCTV AND SECURITY	
[IC]	INTERCOM STATION (EXISTING)
[IC] _M	MASTER INTERCOM STATION (EXISTING)
[B]	BI-DIRECTIONAL INTERCOM SPEAKER (EXISTING)
[B]	BI-DIRECTIONAL INTERCOM SPEAKER, W/ CALL BUTTONS (EXISTING)
[P]	PAGING SPEAKER (EXISTING)
[P]	PAGING SPEAKER (EXISTING)
[P]	PAGING HORN (EXISTING)
[#]	ACCESS CONTROLLED DOOR / GATE TYPE (EXISTING) SEE SCHEDULE
[#]	CCTV CAMERA/ENCLOSURE WITH LENS, TYPICAL. (NEW & EXISTING) SEE SCHEDULE.
[#]	PANNING/TILT/ZOOM CAMERA (NEW & EXISTING)
[24V]	NEW CAMERA POWER SUPPLY
[]	RACK LOCATION

GENERAL ABBREVIATIONS

NOTE: ALL ABBREVIATIONS MAY NOT BE USED.

1P	SINGLE POLE	KV	KILOVOLT
1PH	SINGLE-PHASE	KVA	KILOVOLT AMPERE
1WAY	ONE-WAY	KVAR	KILOVOLT AMPERE REACTIVE
2/C	TWO-CONDUCTOR	KW	KILOWATT
2WAY	TWO-WAY	KWH	KILOWATT HOUR
3/C	THREE-CONDUCTOR	LED	LIGHT EMITTING DIODE
3PH	THREE-PHASE	LFMC	LIQUID TIGHT FLEXIBLE METAL CONDUIT
3WAY	THREE-WAY	LFNC	LIQUID TIGHT FLEXIBLE NONMETALLIC CONDUIT
4OUT	QUADRUPLE RECEPTACLE OUTLET	LPS	LOW PRESSURE SODIUM LAMP
4PDT	FOUR-POLE DOUBLE THROW	LRA	LOCKED ROTOR AMPS
4PST	FOUR-POLE SINGLE THROW	LV	LOW VOLTAGE
4W	FOUR-WIRE	MATV	MASTER ANTENNA TELEVISION SYSTEM
4WAY	FOUR-WAY	MAX	MAXIMUM
A	ABOVE COUNTER	MC	METAL CLAD
AC	ARMORED CABLE	MCA	MINIMUM CIRCUIT AMPS
ADA	AMERICANS WITH DISABILITIES ACT	MCB	MAIN CIRCUIT BREAKER
ADJ	ADJACENT	MCC	MOTOR CONTROL CENTER
AFF	ABOVE FINISHED FLOOR	MCP	MOTOR CIRCUIT PROTECTION
AFG	ABOVE FINISHED GRADE	MDP	MAIN DISTRIBUTION PANEL
AIC	AMPERE INTERRUPTING CAPACITY	MG	MOTOR GENERATOR
ALUM	ALUMINUM	MH	MANHOLE
AMP	AMPERE	MIN	MINIMUM
ANN	ANNUNCIATOR	MLO	MAIN LUGS ONLY
AP	ACCESS POINT (WIRELESS DATA)	MOCP	MAXIMUM OVERCURRENT PROTECTION
AR	AS REQUIRED	NA	NOT APPLICABLE
ASC	AMPS SHORT CIRCUIT	NC	NORMALLY CLOSED
ATS	AUTOMATIC TRANSFER SWITCH	NEC	NATIONAL ELECTRICAL CODE
AV	AUDIO VISUAL	NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
AWG	AMERICAN WIRE GAGE	NFC	NATIONAL FIRE CODE
BB XFMR	BUCK-BOOST TRANSFORMER	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
C	CEILING MOUNTED	NIC	NOT IN CONTRACT
CATV	COMMUNITY ANTENNA TELEVISION	NL	NIGHT LIGHT
CB	CIRCUIT BREAKER	NO	NORMALLY OPEN
CBBA	CUSTOM COLOR AS SELECTED BY ARCHITECT	NTS	NOT TO SCALE
CCTV	CLOSED CIRCUIT TELEVISION	OC	OVER CURRENT
CFBA	CUSTOM FINISH AS SELECTED BY ARCHITECT	OF/CI	OWNER FURNISHED/ CONTRACTOR INSTALLED
CF/CI	CONTRACTOR FURNISHED/ CONTRACTOR INSTALLED	OF/OI	OWNER FURNISHED/ CONTRACTOR INSTALLED
CF/OI	CONTRACTOR FURNISHED/ OWNER INSTALLED	OFF	OWNER INSTALLED
CKT	CIRCUIT	OH	OVERHEAD (COILING)
CM	CONSTRUCTION MANAGER	OL	OVERLOAD
CND	CONDUIT	PB	PUSHBUTTON
CO	CONVENIENCE OUTLET	PF	POWER FACTOR
COR	CONTRACTING OFFICER'S REPRESENTATIVE	PH	PHONE
CP	CONTROL PANEL	PNL	PANEL
CT	CURRENT TRANSFORMER	PT	POTENTIAL TRANSFORMER
CTV	CABLE TELEVISION	PTZ	PAN/TILT/ZOOM
CU	COPPER	QTY	QUANTITY
dBA	UNIT OF SOUND LEVEL	R	REMOVE
DPDT	DOUBLE POLE DOUBLE THROW	RCP	REFLECTED CEILING PLAN
DS	DISCONNECT SWITCH	RMC	RIGID METAL CONDUIT
EA	EACH	RNC	RIGID NONMETALLIC CONDUIT
EM	EMERGENCY	RPM	REVOLUTIONS PER MINUTE
EMT	ELECTRICAL METALLIC TUBING	RR	REMOVE AND RELOCATE
ENT	ELECTRICAL NONMETALLIC TUBING	SCA	STANDARD CIRCUIT AMPS
EPO	EMERGENCY POWER OFF	SCBA	STANDARD COLOR AS SELECTED BY ARCHITECT
EQUIP	EQUIPMENT	SF	SQUARE FOOT (FEET)
EX	EXISTING	SFBA	STANDARD FINISH AS SELECTED BY ARCHITECT
F	FURNITURE MOUNTED	SPDT	SINGLE POLE, DOUBLE THROW
FA	FIRE ALARM	SPEC	SPECIFICATION
FCP	FIRE ALARM CONTROL PANEL	SPST	SINGLE POLE, SINGLE THROW
FLA	FULL LOAD AMPS	S/S	START/STOP
FMC	FLEXIBLE METALCONDUIT	ST	SINGLE THROW
FOB	FREIGHT ON BOARD	SWBD	SWITCHBOARD
FVNR	FULL VOLTAGE NON-REVERSING	SWGR	SWITCHGEAR
FVR	FULL VOLTAGE REVERSING	TL	TWIST LOCK
G	GROUND	TP	TELEPHONE POLE
GEN	GENERATOR	TP	TWISTED PAIR
GFCI	GROUND FAULT CIRCUIT INTERRUPTER	TTB	TELEPHONE TERMINAL BOARD
GFP	GROUND FAULT PROTECTION	TV	TELEVISION
HD	HEAVY DUTY	TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSER
HID	HIGH INTENSITY DISCHARGE	TYP	TYPICAL
HOA	HAND-OFF-AUTOMATIC	UF	UNDERLOOR
HP	HORSE POWER	UGND	UNDERGROUND
HPF	HIGH POWER FACTOR	UPS	UNINTERRUPTIBLE POWER SUPPLY
HPS	HIGH PRESSURE SODIUM	V	VOLTS
HV	HIGH VOLTAGE	VA	VOLT AMPERE
HZ	HERTZ	VFC/VFD	VARIABLE FREQUENCY MOTOR CONTROLLER
IG	ISOLATED GROUND CONDUIT	W/	WITH
IMC	INTERMEDIATE METAL	W/O	WITHOUT
IN/S	INSULATED/ISOLATED	WP	WEATHERPROOF
I/O	INPUT/OUTPUT	XFMR	TRANSFORMER
IR	INFRARED		
J-BOX	JUNCTION BOX		

DEFINITIONS

NOTE: ALL DEFINITIONS MAY NOT BE USED.

INDICATED: THE TERM "INDICATED" REFERS TO GRAPHIC REPRESENTATIONS, NOTES, OR SCHEDULES ON THE DRAWINGS, OTHER PARAGRAPHS OR SCHEDULES IN THE SPECIFICATIONS, AND SIMILAR REQUIREMENTS IN THE CONTRACT DOCUMENTS. WHERE TERMS SUCH AS "SHOWN", "NOTED", "SCHEDULED", AND "SPECIFIED" ARE USED, IT IS TO HELP THE READER LOCATE THE REFERENCE, NO LIMITATION ON LOCATION IS INTENDED.

DIRECTED: TERMS SUCH AS "DIRECTED", "REQUESTED", "AUTHORIZED", "SELECTED", "APPROVED", "REQUIRED", AND "PERMITTED" MEAN "DIRECTED BY THE ENGINEER", "REQUESTED BY THE ENGINEER", AND SIMILAR PHRASES.

APPROVED: THE TERM "APPROVED", WHERE USED IN CONJUNCTION WITH THE ENGINEER'S ACTION ON THE CONTRACTOR'S SUBMITTALS, APPLICATIONS, AND REQUESTS, IS LIMITED TO THE ENGINEER'S DUTIES AND RESPONSIBILITIES AS STATED IN GENERAL AND SUPPLEMENTARY CONDITIONS.

FURNISH: THE TERM "FURNISH" IS USED TO MEAN "SUPPLY AND DELIVER TO THE PROJECT SITE, READY FOR UNLOADING, UNPACKING, ASSEMBLY, INSTALLATION, AND SIMILAR OPERATIONS."

INSTALL: THE TERM "INSTALL" IS USED TO DESCRIBE OPERATIONS AT PROJECT SITE INCLUDING THE ACTUAL "UNLOADING, UNPACKING, ASSEMBLY, ERECTION, PLACING, ANCHORING, APPLYING, WORKING TO DIMENSION, FINISHING, CURING, PROTECTING, CLEANING, AND SIMILAR OPERATIONS."

PROVIDE: THE TERM "PROVIDE" MEANS "TO FURNISH AND INSTALL, COMPLETE AND READY FOR THE INTENDED USE."

INSTALLER: AN "INSTALLER" IS THE CONTRACTOR OR AN ENTITY ENGAGED BY THE CONTRACTOR, EITHER AS AN EMPLOYEE, SUBCONTRACTOR, OR SUB-SUBCONTRACTOR, FOR PERFORMANCE OF A PARTICULAR CONSTRUCTION ACTIVITY, INCLUDING INSTALLATION, ERECTION, APPLICATION, AND SIMILAR OPERATIONS. INSTALLERS ARE REQUIRED TO BE EXPERIENCED IN THE OPERATIONS THEY ARE ENGAGED TO PERFORM.

TECHNOLOGY SYSTEMS: THE TERM "TECHNOLOGY SYSTEMS" IS USED TO DESCRIBE ALL LOW VOLTAGE SYSTEMS GENERALLY REFERRED TO AS "SPECIAL SYSTEMS". THESE SYSTEMS INCLUDE BUT ARE NOT NECESSARILY LIMITED TO ALL SYSTEMS WHICH UTILIZE VOLTAGES OF LESS THAN 71 VOLTS SUCH AS SOUND SYSTEMS, VIDEO SYSTEMS, TV SYSTEMS, SECURITY SYSTEMS, VOICE AND DATA CABLING SYSTEMS, ETC...

ELECTRICAL SHEET INDEX

SHEET NO	SHEET TITLE
E001	TITLE SHEET & CODE ANALYSIS
E002	SHEET INDEX, SYMBOL LEGEND, NOTES
E100	SECURITY SITE PLAN
E101	ADMINISTRATION SECURITY PLAN (SOUTH)
E102	ADMINISTRATION SECURITY PLAN (NORTH)
E103	HOUSING UNIT SECURITY PLANS
E104	HOUSING UNIT SECURITY PLAN (CONT.)
E501	SECURITY DETAILS
E600	SECURITY ONE-LINE DIAGRAMS
E601	SECURITY SCHEDULES
E602	SECURITY SCHEDULES (CONT.)
E603	SECURITY SCHEDULES (CONT.)
E604	SECURITY SCHEDULES (CONT.)

GENERAL ELECTRICAL NOTES

- CLARIFICATION METHODS: AT THE TIME OF BIDDING, BIDDERS SHALL FAMILIARIZE THEMSELVES WITH THE DRAWINGS AND SPECIFICATIONS. ANY QUESTIONS, MISUNDERSTANDINGS, CONFLICTS, DELETIONS, DISCONTINUED PRODUCTS, CATALOG NUMBER DISCREPANCIES, DISCREPANCIES BETWEEN THE EQUIPMENT SUPPLIED AND THE INTENT OR FUNCTION OF THE EQUIPMENT, ETC, SHALL BE SUBMITTED TO THE ARCHITECT/ENGINEER IN WRITING FOR CLARIFICATION PRIOR TO ISSUANCE OF THE FINAL ADDENDUM AND BIDDING OF THE PROJECT. WHERE DISCREPANCIES OR MULTIPLE INTERPRETATIONS OCCUR, THE MOST STRINGENT (WHICH IS GENERALLY RECOGNIZED AS THE MOST COSTLY) THAT MEETS THE INTENT OF THE DOCUMENTS SHALL BE ENFORCED.
- OWNER FURNISHED ITEMS: THE OWNER WILL FURNISH MATERIAL AND EQUIPMENT AS INDICATED IN THE CONTRACT DOCUMENTS TO BE INCORPORATED INTO THE WORK. THESE ITEMS ARE ASSIGNED TO THE INSTALLER AND COSTS FOR RECEIVING, HANDLING, STORAGE, IF REQUIRED, AND INSTALLATION ARE INCLUDED IN THE CONTRACT SUM.
 - THE INSTALLER'S RESPONSIBILITIES ARE THE SAME AS IF THE INSTALLER FURNISHED THE MATERIALS OR EQUIPMENT.
 - THE OWNER WILL ARRANGE AND PAY FOR DELIVERY OF OWNER FURNISHED ITEMS FREIGHT ON BOARD JOB SITE AND THE INSTALLER WILL INSPECT DELIVERIES FOR DAMAGE. IF OWNER FURNISHED ITEMS ARE DAMAGED, DEFECTIVE OR MISSING, DOCUMENT DAMAGED ITEMS WITH THE TRANSPORT COMPANY AND THE OWNER WILL ARRANGE FOR REPLACEMENT. THE OWNER WILL ALSO ARRANGE FOR MANUFACTURER'S FIELD SERVICES, AND THE DELIVERY OF MANUFACTURER'S WARRANTIES AND BONDS TO THE INSTALLER.
 - THE INSTALLER IS RESPONSIBLE FOR DESIGNATING THE DELIVERY DATES OF OWNER FURNISHED ITEMS AND FOR RECEIVING, UNLOADING AND HANDLING OWNER FURNISHED ITEMS AT THE SITE. THE INSTALLER IS RESPONSIBLE FOR PROTECTING OWNER FURNISHED ITEMS FROM DAMAGE, INCLUDING DAMAGE FROM EXPOSURE TO THE ELEMENTS, AND TO REPAIR OR REPLACE ITEMS DAMAGED AS A RESULT OF HIS OPERATIONS.
- EXPOSED STRUCTURE AREAS (EXCLUDING MECHANICAL, ELECTRICAL, AND COMMUNICATION SPACES): INSTALL RACEWAYS BETWEEN DECK AND STRUCTURE WHEREVER POSSIBLE IN EXPOSED STRUCTURE CEILING AREAS. ROUTE RACEWAYS IN CONCEALED AREAS WHEREVER POSSIBLE. REFER ALL CONDITIONS WHERE RACEWAYS MUST BE INSTALLED WHICH CANNOT COMPLY WITH THESE REQUIREMENTS TO THE ARCHITECT.
- SUBMITTALS: PROVIDE SUBMITTALS IN THREE RING BINDERS WITH JOB NAME, SUBCONTRACTOR, AND VOLUME ON THE BINDING. PREPARE TABS FOR EACH SPECIFICATION SECTION REQUIRING SUBMITTALS. PREPARE INDEX OF EQUIPMENT SUBMITTED IN EACH TAB.
- REFLECTED CEILING PLANS: COORDINATE THE LOCATION OF LIGHT FIXTURES WITH THE ARCHITECTURAL REFLECTED CEILING PLANS. REFER ALL DISCREPANCIES TO THE ARCHITECT AND ENGINEER.
- THE DRAWINGS AND SPECIFICATIONS FOR THIS PROJECT MEET ELECTRICAL REQUIREMENTS OF THE DFCM DESIGN MANUAL DATED MARCH 15, 2006.
- IBC EGRESS REQUIREMENT IN 1008.1.86 ARE NOT APPLICABLE FOR EXISTING GROUP 1-3 CAMPUS BUILDINGS.

NONSTRUCTURAL COMPONENT CHECKLIST

ITEM DESCRIPTION	NOT REQUIRED	ON CONST. DOCUMENTS	DEFERRED SUBMITTAL	COMMENTS
Architectural Components:				
Interior Nonstructural Walls & Partitions	✓			
Cantilever Elements (i.e. parapets, etc.)	✓			
Exterior Nonstructural Wall Elements	✓			
Veneer	✓			
Penthouses	✓			
Ceilings (i.e. suspended grid or hard-lid)	✓			
Cabinets (i.e. storage cabinets, equip, etc.)	✓			
Access Floors	✓			
Storage Racks	✓			
Appendages & Ornamentations	✓			
Signs & Billboards	✓			
Other:	✓			
MEP Components:				
Fire Sprinklers	✓			
Mechanical Equipment (i.e. HVAC, fans, air handlers, boilers, furnaces, tanks, chillers, water heaters, heat exchangers, evaporators, engines, turbines, pumps, compressors, MFR equipment, etc.)	✓			
Electrical Equipment (i.e. generators, batteries, inverters, transformers, MCC, panel boards, switch gear, cabinets, etc.)		✓		
Elevator & Escalator Components	✓			
Communication Equipment, Computers, Instrumentation, and Controls			✓	DESKTOP MOUNTED COMPUTERS AND TOUCH SCREENS (4/15/2010)
Roof-mounted Chimneys, Stacks, Cooling & Electrical Towers	✓			
Lighting Fixtures	✓			
Vibration Isolated Components	✓			
Piping & Conduit Systems			✓	CONDUIT FOR NEW CAMERAS AND CONTROL WIRING (04/15/2010)
Ductwork (Including in-line components)	✓			
Conveyors	✓			
Cable Trays	✓			
Other:	✓			
Other:	✓			

NOTES:

- Deferred submittals for seismic restraint of nonstructural components must be submitted to the DFCM Building Official a minimum of two weeks prior to the planned installation in order to allow for plan review and forwarding to inspectors. In the event that the submittal is deficient additional time may become necessary.
- If seismic restraints of non-structural components are installed prior to receiving DFCM approval they shall not be covered or concealed until receiving both plan review and inspection approval. Further, installers are proceeding at their own risk until plan review and inspection approval occurs.
- The requirements for seismic restraint of nonstructural components cannot be satisfied by a general reference to Design Manuals. The design professional may utilize these manuals as a basis of their design, but must provide all supporting documentation to ensure that the design conforms to the requirements of ASCE 7-05, Chapter 13.
- Submittals must include details of the proposed seismic restraint of nonstructural components. These details must show specific information relating to the materials, type, size, and locations of anchorages; materials used for bracing; attachment requirements of bracing to structure and component; and locations of transverse and longitudinal sway bracing and rod stiffeners. Submittals may also require structural calculations, engineering reports, test data, and/or specifications to ensure code compliance.

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PROJECT SPECIFIC ABBREVIATIONS

NOTE: ALL ABBREVIATIONS MAY NOT BE USED.

CORR	CORRIDOR	MED	MEDICAL
COURT	COURTYARD	OBS	OBSERVATION
DR	DOOR	OH	OVER-HEAD-DOOR
EX	EXISTING	PROG	PROGRAM
EXT	EXTERIOR	REC	RECREATION
FOV	FIELD-OF-VIEW	RM	ROOM
LG	LARGE	SM	SMALL
MAINT	MAINTENANCE	STOR	STORAGE
MECH	MECHANICAL	VISIT	VISITING

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DESIGNED BY: RPN

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SHEET TITLE
SHEET INDEX, SYMBOL LEGEND & NOTES

E002

SHEET OF

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GENERAL SHEET NOTES

1. THE CONTRACTOR SHALL PROVIDE AN UPGRADE AND EXPANSION OF THE EXISTING INTEGRATED SECURITY SYSTEMS AS INDICATED IN DRAWINGS AND SPECIFICATIONS. THE CONTRACTOR SHALL CONDUCT A COMPLETE POINT BY POINT REVIEW AND DOCUMENTATION OF THE EXISTING SYSTEM PROGRAMMING AND MODIFY THE EXISTING SYSTEM PROGRAMMING TO ACHIEVE THE UPGRADED AND EXPANDED SYSTEM FUNCTIONS AS INDICATED.
2. THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY EXISTING CONDITIONS PRIOR TO SUBMITTING BID AND SHALL PROVIDE ALL NECESSARY EQUIPMENT, HARDWARE, SOFTWARE, PROGRAMMING, POWER, AND WIRING TO PROVIDE A COMPLETE AND FULLY OPERATIONAL INTEGRATED SECURITY SYSTEM MEETING THE INTENT OF THE DESIGN. REQUESTS FOR INFORMATION REGARDING THE INTENT OF THE DESIGN SHALL BE SUBMITTED IN WRITING PRIOR TO BIDDING.
3. THE CONTRACTOR SHALL PROVIDE SIZING OF ALL REQUIRED CONDUCTORS, RACEWAYS, AND RACEWAY FILLS PER NEC REQUIREMENTS.
4. THE CONTRACTOR SHALL PROVIDE COMPLETE IDENTIFICATION LABELING OF ALL NEW SECURITY WIRING AND RE-LABELING OF ALL EXISTING SECURITY WIRING, AS REQUIRED, TO MATCH AND BE INCLUDED IN THE CONTRACTOR'S FINAL AS-BUILT DOCUMENTATION OF SYSTEM LAYOUT AND PROGRAMMING.

SHEET KEYNOTES

1. INSTALL OWNER FURNISHED P/T/Z CAMERA, POLE MOUNT, AND POWER SUPPLY ONTO EXISTING POLE LOCATION INDICATED. PROVIDE PERSONNEL LIFT TO MOUNT & CONNECT CAMERA AND WIRE TO COMM. ROOM 229. USE EXISTING RACEWAY.
2. REPLACE EXISTING CAMERA IN NEW INTERCOM PEDESTAL WITH NEW CAMERA TO VIEW INCOMING AND EXITING SALLY PORT VEHICLES AND DRIVERS. REPLACE WIRING AS REQUIRED.
3. PROVIDE NEW CAMERA/ ENCLOSURE/ MOUNT TO VIEW HOUSING UNITS A AND B.
4. PROVIDE NEW CAMERA/ ENCLOSURE/ MOUNT TO VIEW RECREATION YARD.
5. PROVIDE NEW CAMERA/ ENCLOSURE/ MOUNT TO VIEW ADMIN. BUILDING ENTRY & REC. YARD GATE.
6. PROVIDE NEW P/T/Z CAMERA/ ENCLOSURE/ MOUNT TO VIEW PARKING AREA.
7. DEMARCATION LINE REPRESENTS THE EXISTING DIVISION BETWEEN EXISTING VISITING AND MAIN CONTROL SCREENS. PROVIDE IDENTICAL CONTROL OF ENTIRE CAMPUS INTEGRATED SECURITY SYSTEM FROM EITHER VISITING OR MAIN CONTROL TOUCHSCREENS. SEE SCHEDULES FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

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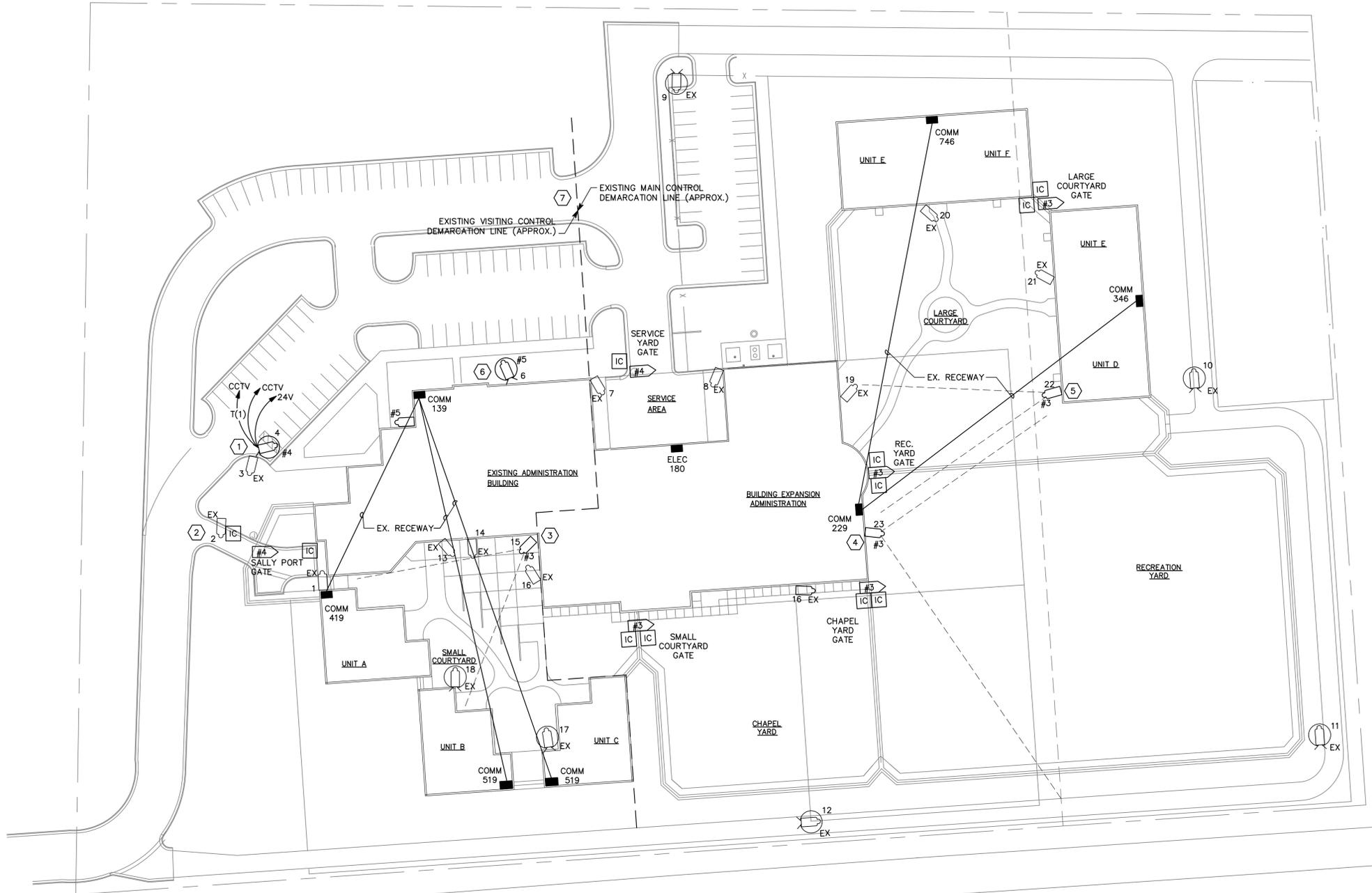
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SIGNATURE:
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SHEET TITLE
SECURITY
SITE PLAN

E100
SHEET OF



(A1) SECURITY SITE PLAN
SCALE: 1"=40'-0"

File Name: P:\2009\20090582\Drawings\Sheet\82E100.dwg Last Plotted: 2010/03/03 @ 2:36 PM By: bxw

1

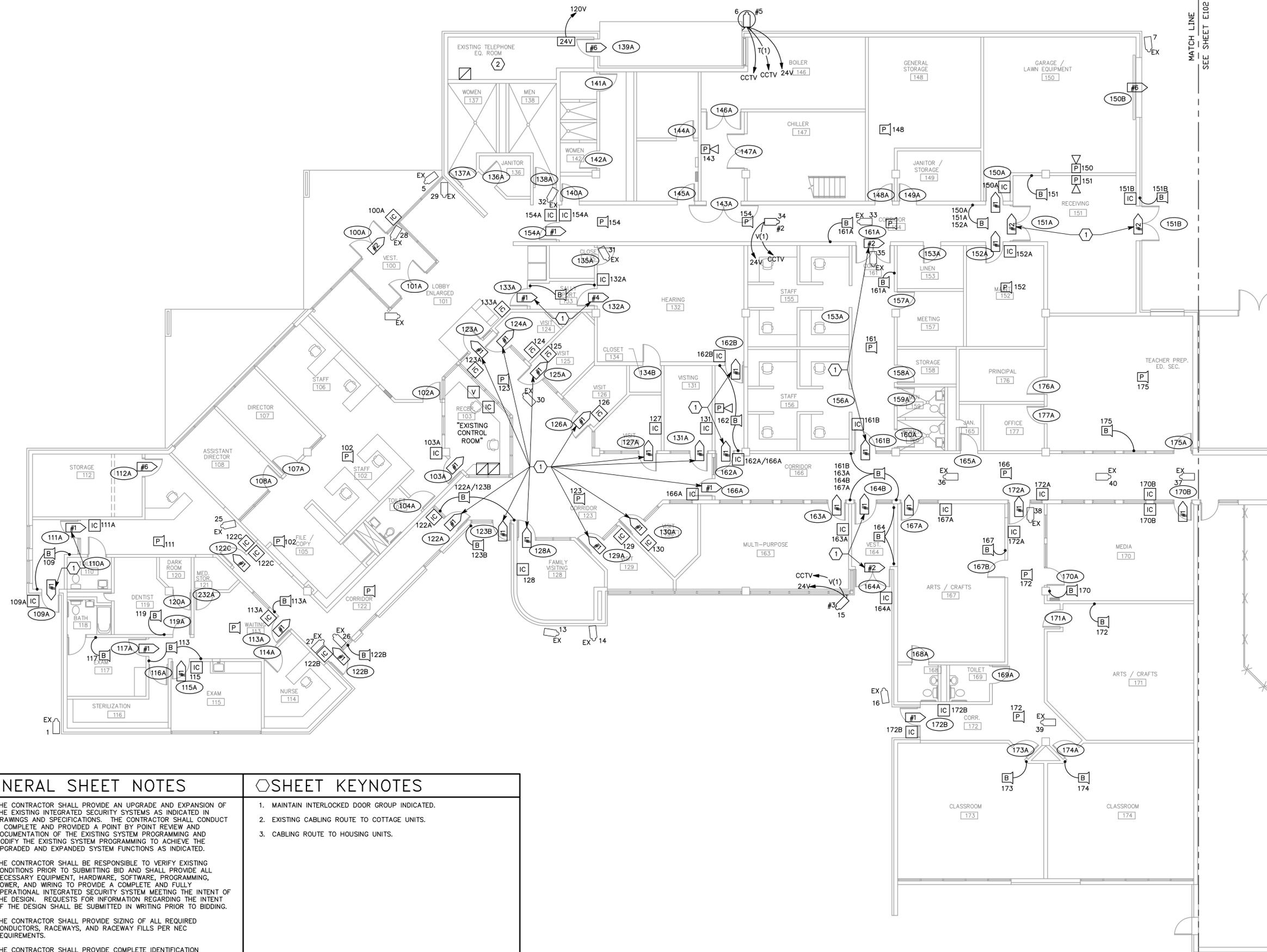
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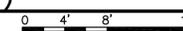
GENERAL SHEET NOTES

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KEYNOTES

1. MAINTAIN INTERLOCKED DOOR GROUP INDICATED.
2. EXISTING CABLING ROUTE TO COTTAGE UNITS.
3. CABLING ROUTE TO HOUSING UNITS.

A3 ADMINISTRATION SECURITY PLAN (SOUTH)
SCALE: 1/8"=1'-0"



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**MILL CREEK YOUTH CENTER
OGDEN, UTAH**

SECURITY UPGRADE

**DFCM#
09253430**

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1	03/03/10	IBC PLAN CORRECTIONS
MARK	DATE	DESCRIPTION

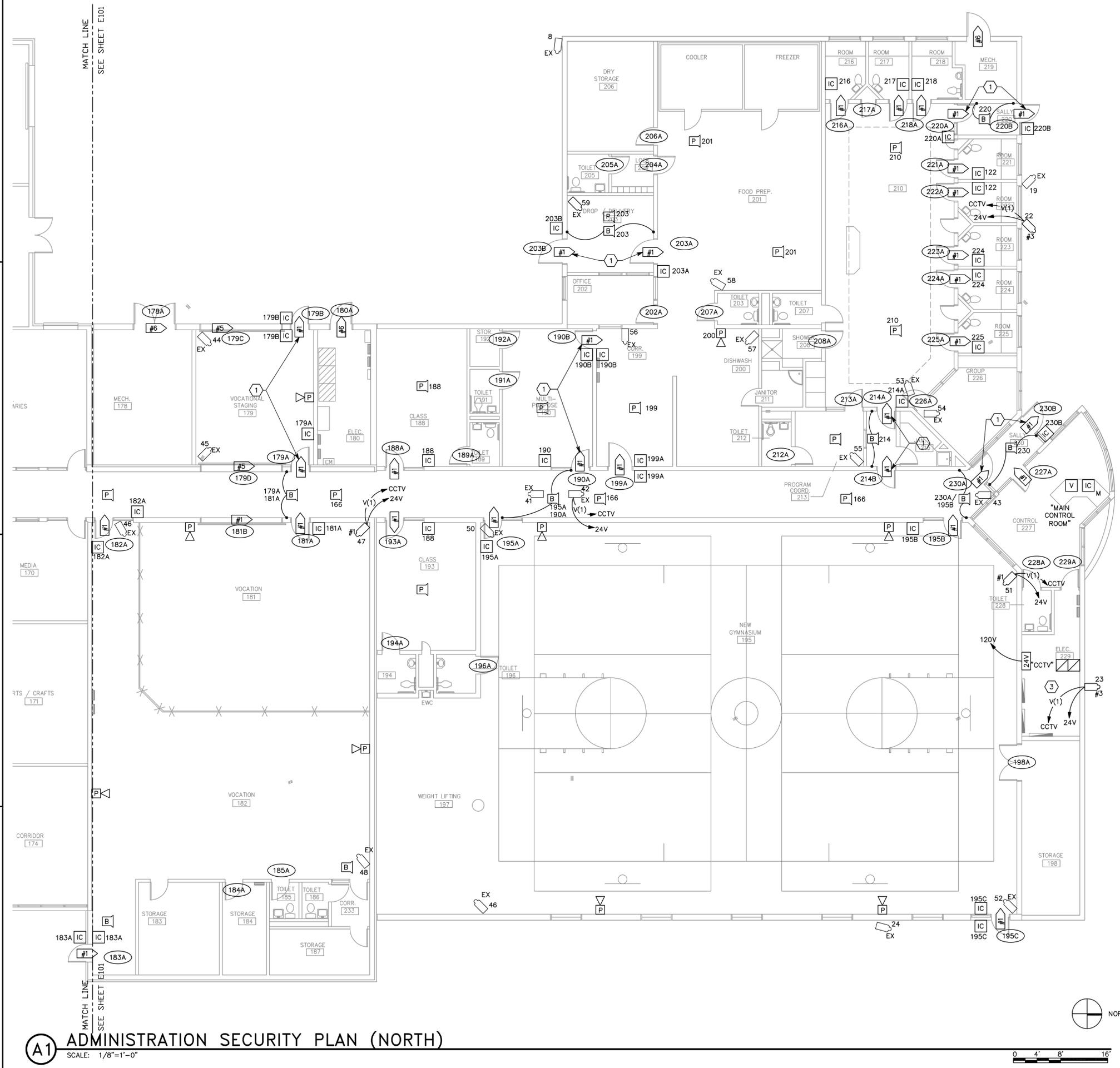
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PROJECT NO: 20090582
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SHEET TITLE
ADMINISTRATION SECURITY PLAN (SOUTH)

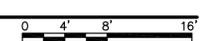
E101

SHEET OF

File Name: P:\2009\20090582\Drawings\Sheet\82E102.dwg Last Plotted: 2010/03/03 @ 2:37 PM By: bxw



(A1) ADMINISTRATION SECURITY PLAN (NORTH)
SCALE: 1/8"=1'-0"



GENERAL SHEET NOTES

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SHEET KEYNOTES

1. MAINTAIN INTERLOCKED DOOR GROUP INDICATED.
2. EXISTING CABLING ROUTE TO COTTAGE UNITS.
3. CABLING ROUTE TO HOUSING UNITS.

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SHEET TITLE
ADMINISTRATION SECURITY PLAN (NORTH)

E102
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GENERAL SHEET NOTES

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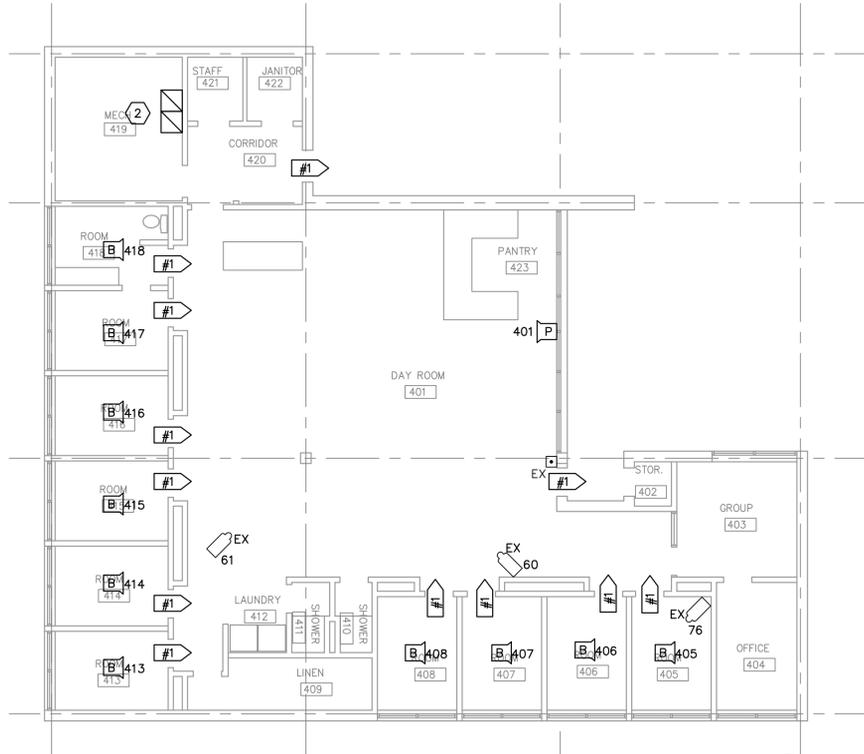
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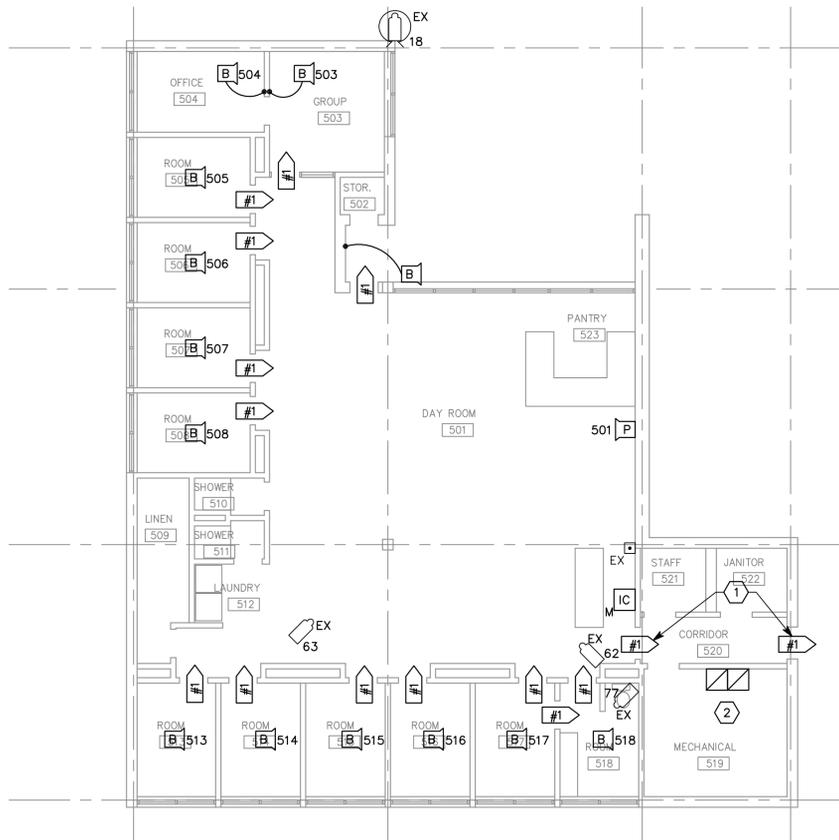
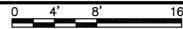
SHEET TITLE
HOUSING UNIT
SECURITY PLANS

E103

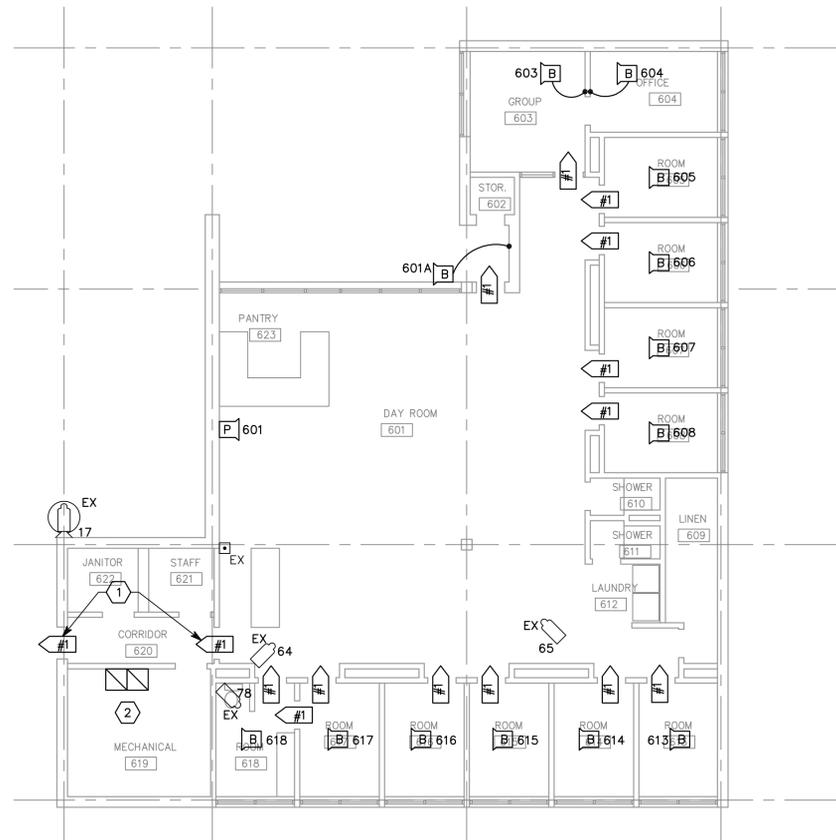
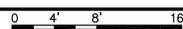
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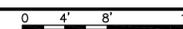
(C1) HOUSING UNIT A SECURITY PLAN
SCALE: 1/8"=1'-0"

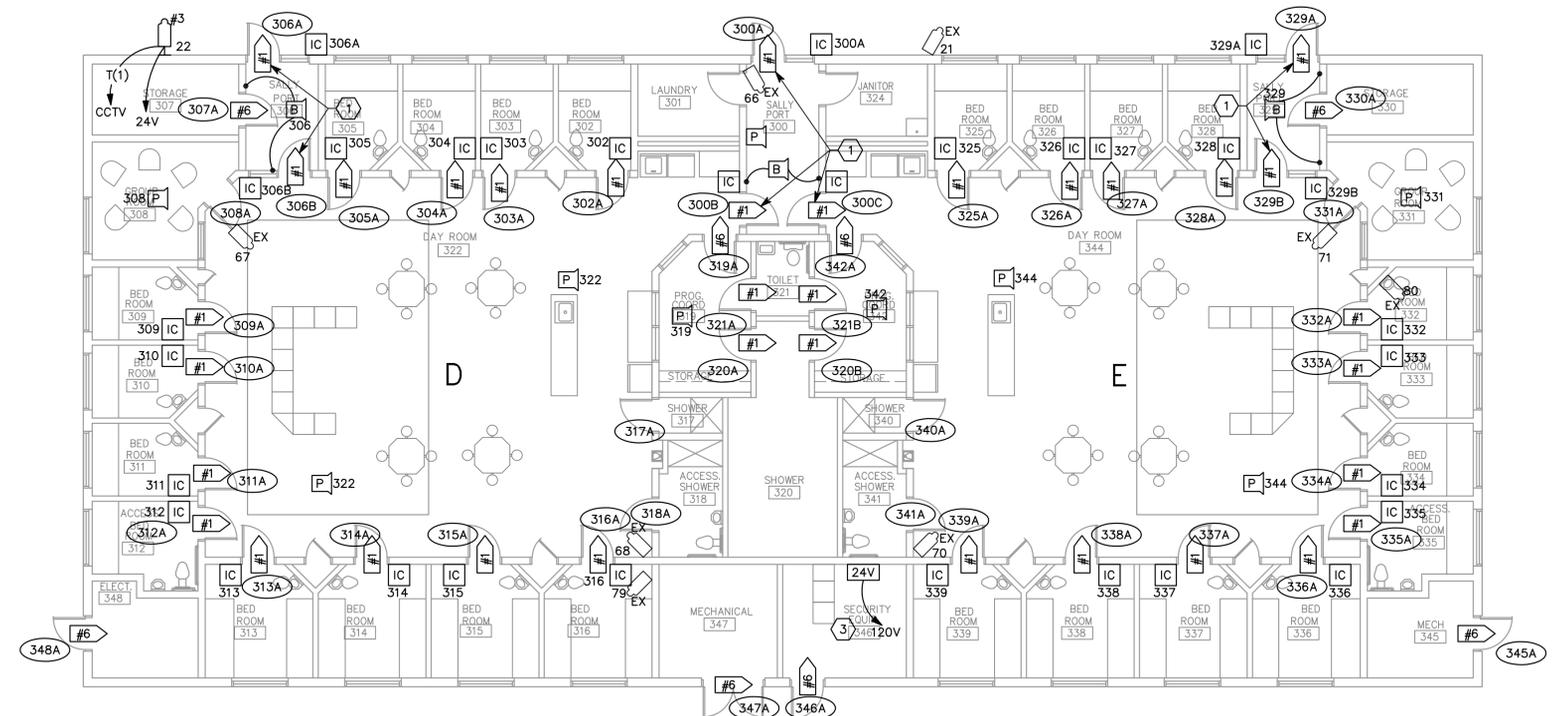


(A1) HOUSING UNIT B SECURITY PLAN
SCALE: 1/8"=1'-0"

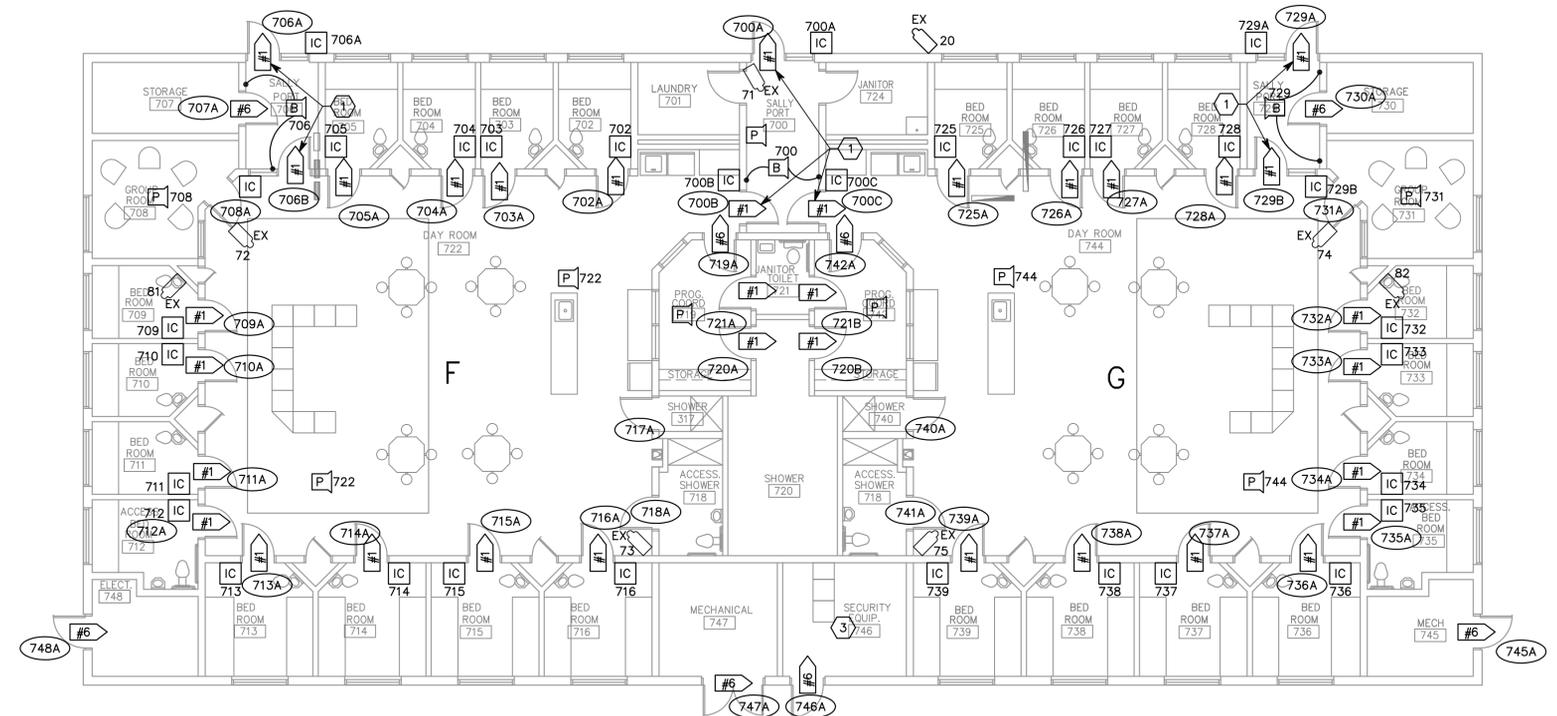


(A3) HOUSING UNIT C SECURITY PLAN
SCALE: 1/8"=1'-0"





(C1) HOUSING UNITS D & E SECURITY PLAN
SCALE: 1/8"=1'-0"



(A1) HOUSING UNITS F & G SECURITY PLAN
SCALE: 1/8"=1'-0"

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SHEET TITLE
**HOUSING UNIT
SECURITY PLANS**

E104
SHEET OF

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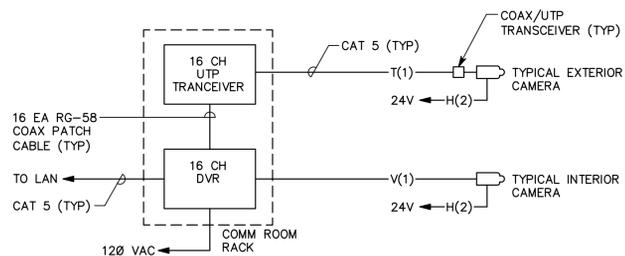
SHEET TITLE
SECURITY DETAILS

E501

SHEET OF

CCTV CAMERA/ENCLOSURE TYPE SCHEDULE (TYPICAL)

CAMERA TYPE NUMBER	SYMBOL	DESCRIPTION	INCLUDES
TYPE 1		New Interior Vandal-Proof Dome Camera / Enclosure Ceiling Mounted.	* CAMERA/ENCLOSURE * SIGNAL CABLE AS INDICATED TO HEADEND * 24 VAC PWR TO COMM ROOM POWER SUPPLY
TYPE 2		New Interior Camera In Existing Enclosure.	* CAMERA * SIGNAL CABLE AS INDICATED TO HEADEND * 24 VAC PWR TO COMM ROOM POWER SUPPLY
TYPE 3		New Exterior Weather-Proof Camera / Enclosure, With Wall Mount.	* CAMERA/ENCLOSURE/MOUNT * SIGNAL CABLE AS INDICATED TO HEADEND * 24 VAC PWR TO COMM ROOM POWER SUPPLY
TYPE 4		Owner Furnished P/T/Z Camera / Enclosure With Pole Mount.	* CAMERA/ENCLOSURE/MOUNT (BY OWNER) * SIGNAL CABLE AS INDICATED TO HEADEND * 24 VAC PWR TO COMM ROOM POWER SUPPLY
TYPE 5		New Exterior P/T/Z Camera / Enclosure / Mount - Wall Mounted.	* CAMERA/ENCLOSURE/MOUNT * SIGNAL CABLE AS INDICATED TO HEADEND * 24 VAC PWR TO COMM ROOM POWER SUPPLY



NOTES:

- PROVIDE .75" C FROM EACH CAMERA TO ACCESSIBLE CEILING. SUPPORT CABLES PER NEC.
- PROVIDE POWER SUPPLIES FOR CAMERAS IN EQUIPMENT ROOMS WITH CONNECTED TO EXISTING 120V CB. PROVIDE WALL MOUNTED ENCLOSURES KEYED ALIKE FOR ALL POWER SUPPLIES.
- PROVIDE SET UP FOR REMOTE VIEWING/CONTROL OF DVR'S OVER LAN BY AUTHORIZED PERSONNEL.
- INCLUDE KEYBOARD, MOUSE AND 22" LCD HD MONITOR WITH NEW DVR.

(A1) BUILDING CAMERA CCTV SINGLE LINE DIAGRAM
N.T.S.

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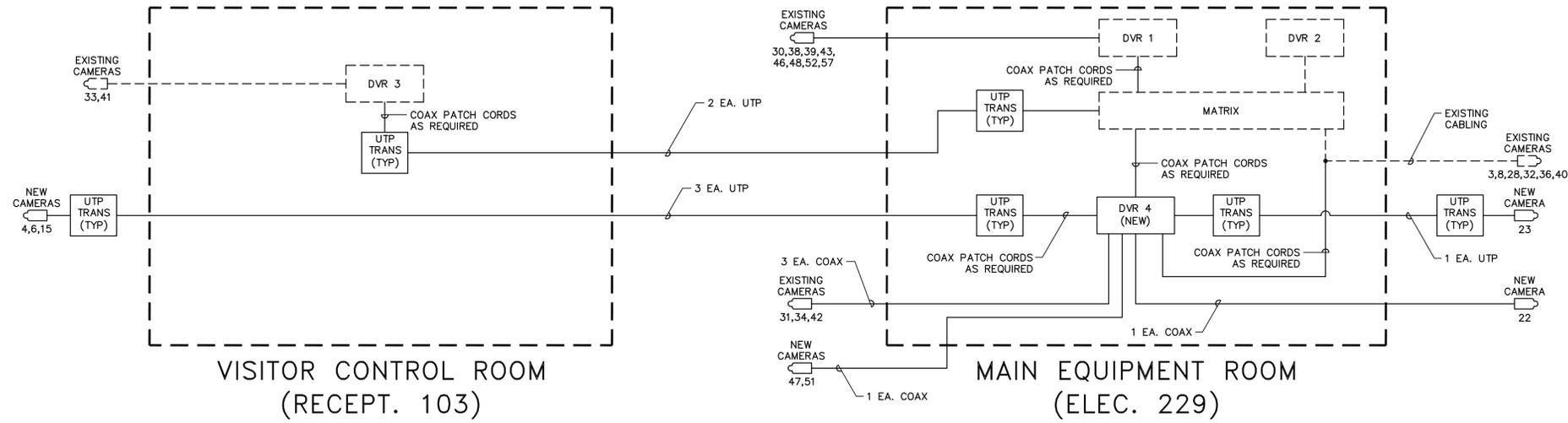
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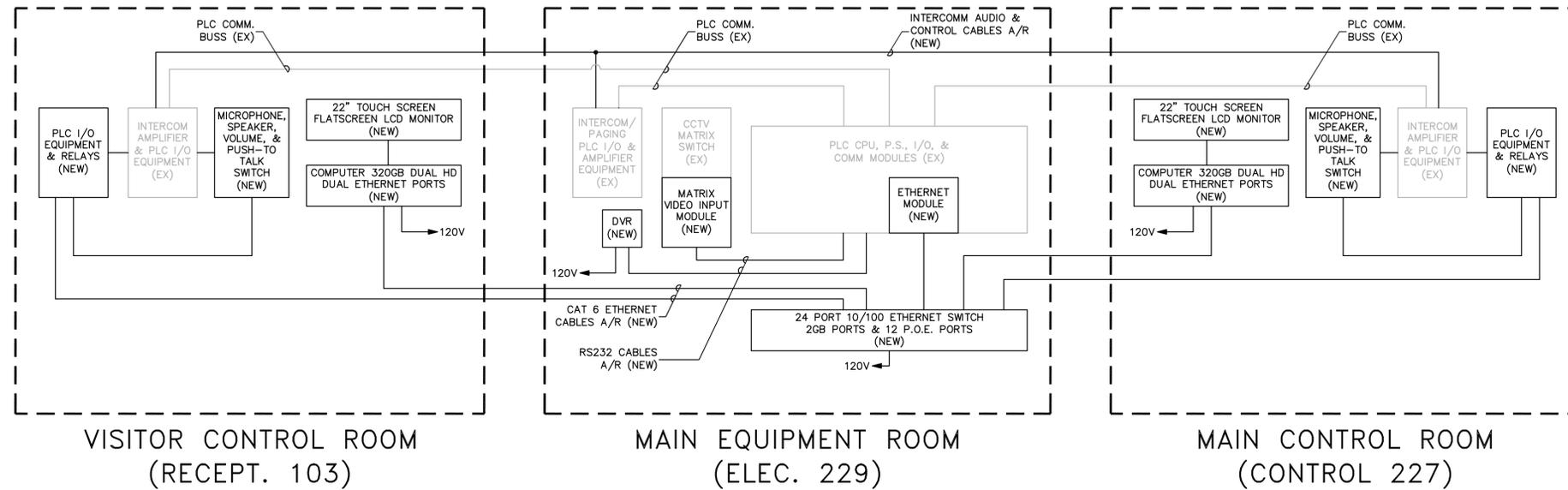
1. PROVIDE NEW EQUIPMENT AND WIRING AND AS REQUIRED TO PROVIDE MATRIX SYSTEM CAMERA VIEWING AND CONTROL FROM EITHER CONTROL SCREEN LOCATION.
2. ONLY CAMERA SIGNALS REQUIRING NEW WIRING OR PATCH CORDS ARE INDICATED IN DETAIL. REFER TO PLANS, SCHEDULES, AND SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
3. CAMERA PORT NUMBERS INDICATED ARE NEW. REFER TO CCTV CAMERA PORT SCHEDULE FOR RE-PORTING REQUIREMENTS. PROVIDE NEW WIRING AND PATCH CORDS AS REQUIRED.
4. CAMERA POWER REQUIREMENTS ARE NOT INDICATED ON THIS DETAIL. PROVIDE POWER AND WIRING AS REQUIRED FOR ALL NEW CAMERAS AND INDICATED EXISTING CAMERAS WITHOUT EXISTING POWER CIRCUITS OR SUPPLIES.

NOTES:

1. PROVIDE NEW SPARE PLC CPM, ETHERNET MODULE, AND POWER SUPPLY COMPATIBLE WITH EXISTING PLC REQUIREMENT AND DELIVER TO OWNER AS SPARE EQUIPMENT.
2. PROVIDE EQUIPMENT, WIRING, AND PROGRAMING TO CONTROL ALL SYSTEM INTERCOM STATIONS AND PAGING SPEAKERS FROM EITHER NEW CONTROL SCREEN LOCATION.
3. DELIVER EXISTING CCTV MATRIX KEYBOARDS TO OWNER AND PROVIDE MATRIX AND P/T/Z CAMERA CONTROL FROM EITHER CONTROL SCREEN LOCATION. PROVIDE EQUIPMENT AND WIRING AS REQUIRED.
4. REFER TO INTERCOM, DETECTION DOOR CONTROL, AND CCTV CAMERA PORT SCHEDULES FOR ADDITION REQUIREMENTS.



C1 CCTV SURVEILLANCE ONE-LINE DIAGRAM
SCALE: N.T.S.



A1 INTEGRATED SECURITY SYSTEM (UPGRADED) ONE-LINE DIAGRAM
SCALE: N.T.S.



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SHEET TITLE
SECURITY
ONE-LINE
DIAGRAMS

Detention Door Type Schedule*	
Mark	Description
#1	Single Door With Elec. Lock & DPS.
#2	Pair Door With Elec. Lock & DPS.
#3	Pedestrian Gate With Elec. Lock & DPS.
#4	Vehicle Gate With Motorized Control & DPS.
#5	Overhead Door With Motorized Control & DPS.
#6	Single Or Pair Door With DPS Only.

* Locks, PPS, And Wiring are Existing.

SCHEDULE ABBREVIATIONS			
NOTE: ALL ABBREVIATIONS MAY NOT BE USED.			
CORR	CORRIDOR	MED	MEDICAL
COURT	COURTYARD	OBS	OBSERVATION
DR	DOOR	OHD	OVER-HEAD-DOOR
EX	EXISTING	PROG	PROGRAM
EXT	EXTERIOR	PS	PRESET
FOV	FIELD-OF-VIEW	REC	RECREATION
LG	LARGE	RM	ROOM
MAINT	MAINTENANCE	SM	SMALL
MECH	MECHANICAL	STOR	STORAGE
		VISIT	VISITING

SCHEDULE NOTES

1. VERIFY ALL INFORMATION CONTAINED IN EACH SCHEDULES AND CORRECT AS REQUIRED PRIOR TO COMMENCING WORK. SUBMIT ALL QUESTIONS TO THE ENGINEER IN WRITING.
2. REFER TO DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

Detection Access System Schedule - Housing Units						
Number	Location	Device Description	DPS Inputs	Lock Relays	Camera Call-up	Notes
300A	D/E Sallyport Ext Door	Elec. Lock/DPS	1	1	20,19,66	
300B	D/E Sallyport Door	Elec. Lock/DPS	1	1	66,67	
300C	D/E Sallyport Door	Elec. Lock/DPS	1	1	66,69	
302A	Unit D - Room	Elec. Lock/DPS	1	1	68	
303A	Unit D - Room	Elec. Lock/DPS	1	1	68	
304A	Unit D - Room	Elec. Lock/DPS	1	1	68	
305A	Unit D - Room	Elec. Lock/DPS	1	1	68	
306A	Unit D - Sallyport Ext Door	Elec. Lock/DPS	1	1	20	
306B	Unit D - Sallyport Door	Elec. Lock/DPS	1	1	68	
307A	Unit D - Storage Door	DPS	1	1	-	
309A	Unit D - Room	Elec. Lock/DPS	1	1	68	
310A	Unit D - Room	Elec. Lock/DPS	1	1	68	
311A	Unit D - Room	Elec. Lock/DPS	1	1	68	
312A	Unit D - Room	Elec. Lock/DPS	1	1	67,68	
313A	Unit D - Room	Elec. Lock/DPS	1	1	67,68	
314A	Unit D - Room	Elec. Lock/DPS	1	1	67	
315A	Unit D - Room	Elec. Lock/DPS	1	1	67	
316A	Unit D - Room	Elec. Lock/DPS	1	1	67	
319A	Unit D - Prog Coord Door	Elec. Lock/DPS	1	1	67	
320A	Unit D - Central Stor Door	Elec. Lock/DPS	1	1	-	
320B	Unit E - Central Stor Door	Elec. Lock/DPS	1	1	-	
321A	Unit D - Janitor Door	Elec. Lock/DPS	1	1	-	
321B	Unit E - Janitor Door	Elec. Lock/DPS	1	1	-	
325A	Unit E - Room	Elec. Lock/DPS	1	1	70	
326A	Unit E - Room	Elec. Lock/DPS	1	1	70	
327A	Unit E - Room	Elec. Lock/DPS	1	1	70	
328A	Unit E - Room	Elec. Lock/DPS	1	1	70	
329A	Unit E - Sallyport Ext Door	Elec. Lock/DPS	1	1	19,20	
329B	Unit E - Sallyport Door	Elec. Lock/DPS	1	1	70	
330A	Unit E - Storage Door	DPS	1	1	-	
332A	Unit E - Room	Elec. Lock/DPS	1	1	70	
333A	Unit E - Room	Elec. Lock/DPS	1	1	70	
334A	Unit E - Room	Elec. Lock/DPS	1	1	70	
335A	Unit E - Room	Elec. Lock/DPS	1	1	69,70	
336A	Unit E - Room	Elec. Lock/DPS	1	1	69,70	
337A	Unit E - Room	Elec. Lock/DPS	1	1	69	
338A	Unit E - Room	Elec. Lock/DPS	1	1	69	
339A	Unit E - Room	Elec. Lock/DPS	1	1	69	
342A	Unit E - Prog Coord Door	Elec. Lock/DPS	1	1	69	
345A	Unit E - Mech Room Ext Door	DPS	1	1	10PS,19	
346A	D/E Comm Room Ext Door	DPS	1	1	10PS	
347A	D/E Mech Room Ext Door	Elec. Lock/DPS	1	1	10PS	
348A	Unit D - Elec Room Ext Door	Elec. Lock/DPS	1	1	10PS	
401A	Unit A - Entry Door	Elec. Lock/DPS	1	1	15,60,61	
403A	Unit A - Group Room Door	Elec. Lock/DPS	1	1	60,61	
404A	Unit A - Office Door	Elec. Lock/DPS	1	1	60,61	
405A	Unit A - Room Door	Elec. Lock/DPS	1	1	60,61	
406A	Unit A - Room Door	Elec. Lock/DPS	1	1	60,61	
407A	Unit A - Room Door	Elec. Lock/DPS	1	1	60,61	
408A	Unit A - Room Door	Elec. Lock/DPS	1	1	60,61	
413A	Unit A - Room Door	Elec. Lock/DPS	1	1	60,61	
414A	Unit A - Room Door	Elec. Lock/DPS	1	1	60,61	
415A	Unit A - Room Door	Elec. Lock/DPS	1	1	60,61	
416A	Unit A - Room Door	Elec. Lock/DPS	1	1	60,61	
417A	Unit A - Room Door	Elec. Lock/DPS	1	1	60,61	
418A	Unit A - Room Door	Elec. Lock/DPS	1	1	61,76	
420A	Unit A - Dayroom/Mech Door	Elec. Lock/DPS	1	1	61	
420B	Unit A - Mech Corr Ext Door	Elec. Lock/DPS	1	1	15,4PS	
501A	Unit B - Entry Door	Elec. Lock/DPS	1	1	14,62,63	
503A	Unit B - Group Room Door	Elec. Lock/DPS	1	1	62,63	
504A	Unit B - Office Door	Elec. Lock/DPS	1	1	62,63	
505A	Unit B - Room Door	Elec. Lock/DPS	1	1	62,63	
506A	Unit B - Room Door	Elec. Lock/DPS	1	1	62,63	
507A	Unit B - Room Door	Elec. Lock/DPS	1	1	62,63	
508A	Unit B - Room Door	Elec. Lock/DPS	1	1	62,63	
513A	Unit B - Room Door	Elec. Lock/DPS	1	1	62,63	
514A	Unit B - Room Door	Elec. Lock/DPS	1	1	62,63	
515A	Unit B - Room Door	Elec. Lock/DPS	1	1	62,63	
516A	Unit B - Room Door	Elec. Lock/DPS	1	1	62,63	
517A	Unit B - Room Door	Elec. Lock/DPS	1	1	62,63	
518A	Unit A - Room Door	Elec. Lock/DPS	1	1	63,77	
520A	Unit B - Dayroom/Mech Door	Elec. Lock/DPS	1	1	63	
520B	Unit B - Mech Corr Ext Door	Elec. Lock/DPS	1	1	14	
601A	Unit C - Entry Door	Elec. Lock/DPS	1	1	14,64,65	
603A	Unit C - Group Room Door	Elec. Lock/DPS	1	1	64,65	
604A	Unit C - Office Door	Elec. Lock/DPS	1	1	64,65	
605A	Unit C - Room Door	Elec. Lock/DPS	1	1	64,65	
606A	Unit C - Room Door	Elec. Lock/DPS	1	1	64,65	
607A	Unit C - Room Door	Elec. Lock/DPS	1	1	64,65	
608A	Unit C - Room Door	Elec. Lock/DPS	1	1	64,65	
613A	Unit C - Room Door	Elec. Lock/DPS	1	1	64,65	
614A	Unit C - Room Door	Elec. Lock/DPS	1	1	64,65	
615A	Unit C - Room Door	Elec. Lock/DPS	1	1	64,65	
616A	Unit C - Room Door	Elec. Lock/DPS	1	1	64,65	
617A	Unit C - Room Door	Elec. Lock/DPS	1	1	64,65	
618A	Unit C - Room Door	Elec. Lock/DPS	1	1	65,78	
620A	Unit C - Dayroom/Mech Door	Elec. Lock/DPS	1	1	65	
620A	Unit C - Mech Corr Ext Door	Elec. Lock/DPS	1	1	14	
700A	F/G Sallyport Ext Door	Elec. Lock/DPS	1	1	19,21,71	
700B	F/G Sallyport Door	Elec. Lock/DPS	1	1	71,72	
700C	F/G Sallyport Door	Elec. Lock/DPS	1	1	71,74	
702A	Unit F - Room	Elec. Lock/DPS	1	1	73	
703A	Unit F - Room	Elec. Lock/DPS	1	1	73	
704A	Unit F - Room	Elec. Lock/DPS	1	1	73	
705A	Unit F - Room	Elec. Lock/DPS	1	1	73	
706A	Unit F - Sallyport Ext Door	Elec. Lock/DPS	1	1	21	
706B	Unit F - Sallyport Door	Elec. Lock/DPS	1	1	73	
707A	Unit F - Storage Door	Elec. Lock/DPS	1	1	-	
709A	Unit F - Room	Elec. Lock/DPS	1	1	73	
710A	Unit F - Room	Elec. Lock/DPS	1	1	73	
711A	Unit F - Room	Elec. Lock/DPS	1	1	73	
712A	Unit F - Room	Elec. Lock/DPS	1	1	72,73	
713A	Unit F - Room	Elec. Lock/DPS	1	1	72,73	
714A	Unit F - Room	Elec. Lock/DPS	1	1	72	
715A	Unit DF - Room	Elec. Lock/DPS	1	1	72	
716A	Unit F - Room	Elec. Lock/DPS	1	1	72	
719A	Unit F - Prog Coord Door	Elec. Lock/DPS	1	1	72	
720A	Unit F - Central Stor Door	Elec. Lock/DPS	1	1	-	
720B	Unit F - Central Stor Door	Elec. Lock/DPS	1	1	-	

Detection Access System Schedule - Housing Units (Cont.)						
Number	Location	Device Description	DPS Inputs	Lock Relays	Camera Call-up	Notes
721A	Unit F - Janitor Door	Elec. Lock/DPS	1	1	-	
721B	Unit G - Janitor Door	Elec. Lock/DPS	1	1	-	
725A	Unit G - Room	Elec. Lock/DPS	1	1	75	
726A	Unit G - Room	Elec. Lock/DPS	1	1	75	
727A	Unit G - Room	Elec. Lock/DPS	1	1	75	
728A	Unit G - Room	Elec. Lock/DPS	1	1	75	
729A	Unit G - Sallyport Ext Door	Elec. Lock/DPS	1	1	21	
729B	Unit G - Sallyport Door	Elec. Lock/DPS	1	1	75	
730A	Unit G - Storage Door	Elec. Lock/DPS	1	1	-	
732A	Unit G - Room	Elec. Lock/DPS	1	1	75	
733A	Unit G - Room	Elec. Lock/DPS	1	1	75	
734A	Unit G - Room	Elec. Lock/DPS	1	1	75	
735A	Unit G - Room	Elec. Lock/DPS	1	1	74,75	
736A	Unit G - Room	Elec. Lock/DPS	1	1	74,75	
737A	Unit G - Room	Elec. Lock/DPS	1	1	74	
738A	Unit G - Room	Elec. Lock/DPS	1	1	74	
739A	Unit G - Room	Elec. Lock/DPS	1	1	74	
742A	Unit G - Prog Coord Door	Elec. Lock/DPS	1	1	74	
745A	Unit G - Mech Room Ext Door	Elec. Lock/DPS	1	1	9PS	
746A	F/G Coom Room Ext Door	Elec. Lock/DPS	1	1	9PS	
747A	F/G Mech Room Ext Door	Elec. Lock/DPS	1	1	9PS	
748A	Unit F - Elec Room Ext Door	Elec. Lock/DPS	1	1	9PS	

Detection Access System Schedule - Main Building						
Number	Location	Device Description	DPS Inputs	Lock Relays	Camera Call-up	Notes
100A	Lobby Entry Door	Elec. Lock/DPS	1	1	5	
103A	Visit Control Room Door	Elec. Lock/DPS	1	1	-	
105B	?		1	1	-	
109A	Intake Entry Door	Elec. Lock/DPS	1	1	1	
111A	Intake Sallyport Door	Elec. Lock/DPS	1	1	25	
112A	Intake Storage Door	DPS	1	1	25	
113A	Med Clinic Door	Elec. Lock/DPS	1	1	26	
115A	Exam Door	Elec. Lock/DPS	1	1	-	
117A	Exam Door	Elec. Lock/DPS	1	1	-	
122A	Visit/Med Corr Door	Elec. Lock/DPS	1	1	27	
122B	Sm Court/Med Corr Door	Elec. Lock/DPS	1	1	17,18	
122C	Intake/Med Corr	Elec. Lock/DPS	1	1	26	
123A	Lobby/Visit Door	Elec. Lock/DPS	1	1	29,30	
123B	Sm.Court/Visit Door	Elec. Lock/DPS	1	1	18	
124A	Visit Room Door	Elec. Lock/DPS	1	1	30	
125A	Visit Room Door	Elec. Lock/DPS	1	1	-	
126A	Visit Room Door	Elec. Lock/DPS	1	1	-	
127A	Visit Room Door	Elec. Lock/DPS	1	1	-	
128A	Visit Room Door	Elec. Lock/DPS	1	1	-	
129A	Visit Room Door	Elec. Lock/DPS	1	1	-	
130A	Visit Room Door	Elec. Lock/DPS	1	1	-	
131A	Visit Room Door	Elec. Lock/DPS	1	1	-	
132A	Sallyport/Hearing Door	Elec. Lock/DPS	1	1	31	
133A	Lobby/Hearing Sallyport Door	Elec. Lock/DPS	1	1	29	
150A	Garage Int. Door	Elec. Lock/DPS	1	1	-	
151A	Maint Corr/Receiving Door	Elec. Lock/DPS	1	1	34	
151B	Receiving Ext. Door	Elec. Lock/DPS	1	1	7	
152A	Maint Office Door	Elec. Lock/DPS	1	1	34	
154A	Lobby/Maint Corr Door	Elec. Lock/DPS	1	1	32,33	
161A	Maint Corr/Staff Corr Door	Elec. Lock/DPS	1	1	34,35	
161B	Staff Corr/Main Corr Door	Elec. Lock/DPS	1	1	35,36	
162A	Hearing Sallyport/Main Corr Dr	Elec. Lock/DPS	1	1	36	
162B	Hearing/Sallyport Door	Elec. Lock/DPS	1	1	31	
163A	Multipurpose Room	Elec. Lock/DPS	1	1	36	
164A	Sm.Court Ext Door	Elec. Lock/DPS	1	1	16	
164B	Sm Court Vest/Main Corr Door	Elec. Lock/DPS	1	1	36,37	
166A	Visit/Main Corr Door	Elec. Lock/DPS	1	1	36	
167A	Main Corr/Arts Class Door	Elec. Lock/DPS	1	1	37	
170B	Main Corr/Class Room Door	Elec. Lock/DPS	1	1	40	
172A	Main Corr/Class Corr Door	Elec. Lock/DPS	1	1	37	
172B	Class Corr Ext Door	Elec. Lock/DPS	1	1	13,39	
178A	Mech Ext Door	DPS	1	1	9PS	
179A	Shop Stage/Main Corr Door	Elec. Lock/DPS	1	1	40,41,44	
179B	Shop Stage/Ext Door	Elec. Lock/DPS	1	1	45,9PS	
179C	Shop Stage Ext OHD	Elec. Lock/DPS	3	3	45,9PS	
179D	Shop Stage/Main Corr OHD	Elec. Lock/DPS	3	3	40,41,44	
180A	Elec Room Ext Door	DPS	1	1	9PS	
181B	Main Corr/Shop OHD	DPS	3	3	40,41	
182A	Main Corr/Shop Door	Elec. Lock/DPS	1	1	40,41	
183A	Shop/Sm Court Door	Elec. Lock/DPS	1	1	47	
188A	Class/Main Cor Door	Elec. Lock/DPS	1	1	47	
190A	Multipurpose/Main Corr Door	Elec. Lock/DPS	1	1	47	
190B	Multipurpose/Kitchen Door	Elec. Lock/DPS	1	1	56,57	
193A	Class/Main Cor Door	Elec. Lock/DPS	1	1	47	
195A	Main Corr/Gym	Elec. Lock/DPS	1	1	43	
195B	Main Corr/Gym	Elec. Lock/DPS	1	1	42,43	
195C	Gym/Chapel Court Door	Elec. Lock/DPS	1	1	24,50	
199A	Kitchen/Main Corr					

Intercom/Paging System Schedule - Main Building

Table with columns: Number, Location, Device Description, Call, Speaker, Camera, Notes. Lists intercom and paging stations for various rooms like Director Offices, Intake, Med Clinic, etc.

Intercom/Paging System Schedule - Main Building (Cont.)

Continuation of the intercom/paging system schedule table, listing stations for areas like Hearing/Sallyport, Shop, Kitchen, Gym, etc.

SCHEDULE ABBREVIATIONS

Table of abbreviations for CORRIDOR, COURT, DR, EX, EXT, FOV, LG, MAINT, MECH, MED, OBS, OHD, PROG, PS, REC, RM, SM, STOR, VISIT, MEDICAL, OBSERVATION, OVER-HEAD-DOOR, PROGRAM, PRESET, RECREATION, ROOM, SMALL, STORAGE, VISITING.

SCHEDULE NOTES

- 1. VERIFY ALL INFORMATION CONTAINED IN EACH SCHEDULES AND CORRECT AS REQUIRED PRIOR TO COMMENCING WORK. SUBMIT ALL QUESTIONS TO THE ENGINEER IN WRITING.
2. REFER TO DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

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MILL CREEK
YOUTH
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OGDEN, UTAH

SECURITY
UPGRADE

DFCM#
09253430

Table with columns: MARK, DATE, DESCRIPTION. Includes entry for 03/03/10 IBC PLAN CORRECTIONS.

ISSUE: CONSTRUCTION DOCS.
DATE: 02/24/10
DFCM PROJECT NO: 09253430
PROJECT NO: 20090582
DRAWN BY: BXW
CHECKED BY: RPN
DESIGNED BY: RPN
RECORD DRAWING DATE:

SIGNATURE:
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SHEET TITLE
SECURITY SCHEDULES

E602
SHEET OF

File Name: P:\2009\20090582\Drawings\Sheet\B2E602.dwg Last Plotted: 2010/03/03 @ 2:38 PM By: bxw

Intercom/Paging System Schedule - Housing Units

Table with columns: Number, Location, Device Description, Call, Speaker, Camera, Notes. Rows include units 403-419, 503-519, 603-619, 700-727, 728-732, 733-739, 742-744, 700A-700C, 706A-706B, 729A-729B, 300-344, 300A-300C, 306A-306B, 329A-329B, 700-727.

Intercom/Paging System Schedule - Housing Units (Cont.)

Table with columns: Number, Location, Device Description, Call, Speaker, Camera, Notes. Rows include units 728-732, 733-739, 742-744, 700A-700C, 706A-706B, 729A-729B.

SCHEDULE ABBREVIATIONS

Table of abbreviations: CORR, COURT, DR, EX, EXT, FOV, LG, MAINT, MECH, CORROR, COURTYARD, DOOR, EXISTING, EXTERIOR, FIELD-OF-VIEW, LARGE, MAINTENANCE, MECHANICAL, MED, OBS, OHD, PROG, PS, REC, RM, SM, STOR, VISIT, MEDICAL, OBSERVATION, OVER-HEAD-DOOR, PROGRAM, PRESET, RECREATION, ROOM, SMALL, STORAGE, VISITING.

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MILL CREEK YOUTH CENTER OGDEN, UTAH

SECURITY UPGRADE

DFCM# 09253430

Table with columns: MARK, DATE, DESCRIPTION. Row: 03/03/10 IBC PLAN CORRECTIONS

ISSUE: CONSTRUCTION DOCS. DATE: 02/24/10 DFCM PROJECT NO: 09253430 PROJECT NO: 20090582 DRAWN BY: BXW CHECKED BY: RPN DESIGNED BY: RPN RECORD DRAWING DATE: SIGNATURE: © 2010 Spectrum Engineers, Inc.

SHEET TITLE SECURITY SCHEDULES

E603 SHEET OF

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CCTV Camera Port Schedule							
New Matrix Port #	Location	Device Description	Existing Matrix Port #	Existing DVR Port #	Add Matrix Port	Add DVR Port	Notes
1	Intake Ext Door	Existing Fixed Camera	1	3-15	--	--	
2	Vehicle Sallyport Intercom	Existing Fixed Camera	35	1-25	--	--	
3	Vehicle Sallyport Pole	Existing Fixed Camera	37	--	--	X	
4	SW Parking (Pole)	Owner furnished P/T/Z	--	--	X	X	Install owner furnished p/t/z & mount
5	Lobby Ext Door	Existing Fixed Camera	6	3-5	--	--	
6	W Parking (Building)	New P/T/Z Camera/Mount	--	--	X	X	Coord/program presets/tours with owner.
7	Receiving Ext Door	Existing Fixed Camera	10	3-7	--	--	
8	Kitchen Del Ext Door	Existing Fixed Camera	20	--	--	X	
9	NW Parking (Pole)	Existing P/T/Z Camera	36	1-26	--	--	Reprogram p/t/z presets per sched.
10	N Fence (Pole)	Existing P/T/Z Camera	32	2-15	--	--	Reprogram p/t/z presets per sched.
11	NE Fence (Pole)	Existing P/T/Z Camera	31	1-2	--	--	Reprogram p/t/z presets per sched.
12	E Fence (Pole)	Existing P/T/Z Camera	30	2-6	--	--	Reprogram p/t/z presets per sched.
13	Sm Court/Class Corr Exit Door	Existing Fixed Camera	7	3-4	--	--	Provide new camera in existing enclosure.
14	Units B&C Entries	Existing Fixed Camera	8	3-1	--	--	Provide new camera in existing enclosure.
15	Units A&B Entries	New Fixed Camera, Enclosure and Mount	--	--	X	X	Coord FOV w/owner prior to selecting varifocal range.
16	Sm Court/Main Corr Entry	Existing Fixed Camera	13	3-6	--	--	Provide new camera in existing enclosure.
17	Sm Court/Med Corr Entry	Existing P/T/Z Camera	29	3-9	--	--	Provide new camera in existing enclosure. Repair p/t/z motor/driver. Rewire as required.
18	Sm Court/Visit Entry	Existing P/T/Z Camera	28	3-2	--	--	Provide new camera in existing enclosure. Repair p/t/z motor/driver. Rewire as required.
19	Lg Court Units E/F	Existing Fixed Camera	21	1-9	--	--	
20	Lg Court Units D/E	Existing Fixed Camera	24	1-6	--	--	
21	Lg Court Units F/G	Existing Fixed Camera	26	1-4	--	--	
22	Lg Court Main Bldg/Rec Gate	New Fixed Camera, Enclosure and Mount	--	--	X	X	Coord FOV w/owner prior to selecting varifocal range.
23	Rec Yard	New Fixed Camera, Enclosure and Mount	--	--	X	X	Coord FOV w/owner prior to selecting varifocal range.
24	Chapel Gate/Gym Exit	Existing Fixed Camera	22	1-5	--	--	
25	Intake Corr	Existing Fixed Camera	4	3-10	--	--	
26	Med Corr/Intake	Existing Fixed Camera	2	3-16	--	--	
27	Med Core/Visit	Existing Fixed Camera	3	3-11	--	--	
28	Lobby Entry Vest	Existing Fixed Camera	38	--	--	X	
29	Lobby	Existing Fixed Camera	5	3-13	--	--	
30	Visit/Lobby Door	Existing Fixed Camera	--	1-24	X	--	
31	Hearing Room	Existing Fixed Camera	--	--	X	X	Provide new wiring and power.
32	Lobby/Maint Corr Door	Existing Fixed Camera	39	--	--	X	
33	Maint Corr/Lobby Door	Existing Fixed Camera	--	3-5	X	--	
34	Maint Corr/Receiving Door	Existing Fixed Camera	--	--	X	X	Provide new camera in existing enclosure. Provide new wiring and power.
35	Staff Corr	Existing Fixed Camera	9	3-8	--	--	
36	Main Corr/Visit Door	Existing Fixed Camera	41	--	--	X	
37	Main Corr/Class Corr Door	Existing Fixed Camera	12	3-12	--	--	
38	Class Corr	Existing Fixed Camera	--	1-19	X	--	
39	Class Corr/Sm Court Exit Door	Existing Fixed Camera	--	1-20	X	--	
40	Main Corr/Shop Door	Existing Fixed Camera	11	--	--	--	
41	Main Corr/Class Door	Existing Fixed Camera	--	3-14	X	--	
42	Main Corr/Lg Court Sallyport	Existing Fixed Camera	--	--	X	X	Provide new wiring and power.
43	Main Corr/Gym Doors	Existing Fixed Camera	--	1-13	X	--	
44	Shop Staging	Existing Fixed Camera	14	1-14	--	--	
45	Shop Staging	Existing Fixed Camera	15	1-15	--	--	
46	Shop	Existing Fixed Camera	--	1-17	X	--	
47	Shop Exit Corr	New Fixed Camera	--	--	X	X	Coord FOV w/owner prior to selecting varifocal range.
48	Shop Door/Main Corr	Existing Fixed Camera	--	1-18	X	--	
49	Gym Alcove	Existing Fixed Camera	23	1-8	--	--	
50	Gym Exit/Chapel Court	Existing Fixed Camera	16	1-22	--	--	
51	Gym	New Fixed Camera	--	--	X	X	Coord FOV w/owner prior to selecting varifocal range.
52	Gym/Main Cor Door	Existing Fixed Camera	--	1-21	X	--	
53	Weight Room	Existing Fixed Camera	42	2-5	--	--	Provide new camera in existing enclosure.
54	Weight Group Room	Existing Fixed Camera	43	1-29	--	--	
55	Prog.Coord Room	Existing Fixed Camera	34	1-1	--	--	Provide new camera in existing enclosure.
56	Kitchen/Main Corr	Existing Fixed Camera	17	1-16	--	--	
57	Dishwash	Existing Fixed Camera	--	1-23	X	--	
58	Kitchen/Del	Existing Fixed Camera	18	1-12	--	--	
59	Kitchen Del Ext Door	Existing Fixed Camera	19	1-11	--	--	
60	D/E Sallyport	Existing Fixed Camera	27	1-3	--	--	
61	F/G Sallyport	Existing Fixed Camera	25	1-7	--	--	
62	Unit A - Dayroom	Existing Fixed Camera	--	2-13	--	--	Do not add to matrix.
63	Unit A - Dayroom	Existing Fixed Camera	--	2-14	--	--	Do not add to matrix.
64	Unit B - Dayroom	Existing Fixed Camera	--	2-7	--	--	Do not add to matrix.
65	Unit B - Dayroom	Existing Fixed Camera	--	2-8	--	--	Do not add to matrix.
66	Unit C - Dayroom	Existing Fixed Camera	--	2-9	--	--	Do not add to matrix.
67	Unit C - Dayroom	Existing Fixed Camera	--	2-10	--	--	Do not add to matrix.
68	Unit D - Dayroom	Existing Fixed Camera	--	2-1	--	--	Do not add to matrix.
69	Unit D - Dayroom	Existing Fixed Camera	--	2-2	--	--	Do not add to matrix.
70	Unit E - Dayroom	Existing Fixed Camera	--	2-3	--	--	Do not add to matrix.
71	Unit E - Dayroom	Existing Fixed Camera	--	2-4	--	--	Do not add to matrix.
72	Unit F - Dayroom	Existing Fixed Camera	--	2-11	--	--	Do not add to matrix.
73	Unit F - Dayroom	Existing Fixed Camera	--	2-12	--	--	Do not add to matrix.
74	Unit G - Dayroom	Existing Fixed Camera	--	2-16	--	--	Do not add to matrix.
75	Unit G - Dayroom	Existing Fixed Camera	--	2-17	--	--	Do not add to matrix.
76	Unit A - Obs Room	Existing Fixed Camera	--	2-18	--	--	Do not add to matrix.
77	Unit B - Obs Room	Existing Fixed Camera	--	2-19	--	--	Do not add to matrix.
78	Unit C - Obs Room	Existing Fixed Camera	--	2-20	--	--	Do not add to matrix.
79	Unit D - Obs Room	Existing Fixed Camera	--	2-21	--	--	Do not add to matrix.
80	Unit E - Obs Room	Existing Fixed Camera	--	2-22	--	--	Do not add to matrix.
81	Unit F - Obs Room	Existing Fixed Camera	--	2-23	--	--	Do not add to matrix.
82	Unit F - Obs Room	Existing Fixed Camera	--	2-23	--	--	Do not add to matrix.
83	Unit G - Obs Room	Existing Fixed Camera	--	2-24	--	--	Do not add to matrix.

Security Camera Type Schedule	
Mark	Description
#1	New Interior Vandal-Proof Dome Camera / Enclosure Ceiling Mounted.
#2	New Interior Camera In Existing Enclosure.
#3	New Exterior Weather-Proof Camera / Enclosure, With Wall Mount.
#3	Owner Furnished P/T/Z Camera / Enclosure With Wall Mount.
#4	New Exterior P/T/Z Camera / Enclosure / Mount - Wall Mounted.
EX	Existing Camera / Enclosure Location.
EX	Existing P/T/Z Camera Location.

SCHEDULE ABBREVIATIONS			
NOTE: ALL ABBREVIATIONS MAY NOT BE USED.			
CORR	CORRIDOR	MED	MEDICAL
COURT	COURTYARD	OBS	OBSERVATION
DR	DOOR	OHD	OVER-HEAD-DOOR
EX	EXISTING	PROG	PROGRAM
EXT	EXTERIOR	PS	PRESET
FOV	FIELD-OF-VIEW	REC	RECREATION
LG	LARGE	RM	ROOM
MAINT	MAINTENANCE	SM	SMALL
MECH	MECHANICAL	STOR	STORAGE
		VISIT	VISITING

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STATE OF UTAH

MILL CREEK YOUTH CENTER OGDEN, UTAH

SECURITY UPGRADE

DFCM# 09253430

5		
4		
3		
2		
1	03/03/10	IBC PLAN CORRECTIONS
MARK	DATE	DESCRIPTION
ISSUE: CONSTRUCTION DOCS. DATE: 02/24/10		
DFCM PROJECT NO:		09253430
PROJECT NO:		20090582
DRAWN BY:		BXW
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