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DESIGN TEAM PROJECT ENGINEER

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BRIDGERLAND ATC,

ELECTRONIC ACCESS
IMPROVEMENTS

LOGAN, UTAH



State of Utah—Department of Administrative Services

DIVISION OF FACILITIES CONSTRUCTION
AND MANAGEMENT

4110 State Office Building/Salt Lake City, Utah 84114/538-3018

DFCM Project No. - 13102210

CODE ANALYSIS

APPLICABLE CODES

	Year		Year
International Building Code	2012	National Electrical Code	2011
International Mechanical Code	2012	Uniform Code for Building Conservation	N/A
International Plumbing Code	2012	ADA Accessibility Guidelines	N/A
International Fire Code	2012		
International Energy Conservation Code	2009		

- A. Occupancy and Group: E
- Change in Use: Yes No X Mixed Occupancy: Yes No X
 Special Use and Occupancy (e.g. High Rise, Covered Mall): N/A
- B. Seismic Design Category: D Design Wind Speed: N/A mph
- C. Type of Construction: EXISTING
- D. Fire Resistance Rating Requirements for the Exterior Walls based on the fire separation distance (in hours):
 North: N/A South: N/A East: N/A West: N/A
- E. Mixed Occupancies: NONE Nonseparated Uses:
- F. Sprinklers:
 Required: Provided: X Type of Sprinkler System: EXISTING
- G. Number of Stories: 1 Building Height: EXISTING
- H. Actual Area per Floor (square feet): EXISTING
- I. Tabular Area: NO INCREASE OF EXISTING AREA REQUESTED
- J. Area Modifications: NONE
- K. Fire Resistance Rating Requirements for Building Elements (hours).

Element	Hours	Assembly Listing	Element	Hours	Assembly Listing
Exterior Bearing Walls			Floors - Ceiling Floors		
Interior Bearing Walls			Roofs - Ceiling Roofs		
Exterior Non-Bearing Walls			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: N/A Exit Width Provided: N/A
- 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.

VICINITY MAP

SITE LOCATIONS



DOOR INFO: 3'-0" x 8'-0"



PULL SIDE MODIFICATIONS:

DEMO: EXISTING ACCESS CONTROL HARDWARE
INSTALL: NEW ACCESS CONTROL HARDWARE, SEE SPECS, DIV. 26
INSTALL: ADA OPENER SYSTEM W/ PUSH BUTTON ACTUATOR, SEE SPECS

2 DOOR INFO: 3'-0" x 8'-0"



PUSH SIDE MODIFICATIONS:

DEMO: EXISTING CRASH BAR
INSTALL: NEW CRASH BAR, SEE SPECIFICATIONS
INSTALL: ADA OPENER SYSTEM W/ PUSH BUTTON ACTUATOR, SEE SPECS

3

DOOR INFO: 3'-0" x 6'-8"



PULL SIDE MODIFICATIONS:

DEMO: EXISTING ACCESS CONTROL HARDWARE
INSTALL: NEW ACCESS CONTROL HARDWARE, SEE SPECIFICATIONS DIVISION 26

PUSH SIDE MODIFICATIONS:

DEMO: EXISTING CRASH BAR
INSTALL: NEW CRASH BAR, SEE SPECIFICATIONS

4

DOOR INFO: 3'-0" x 6'-8"



PULL SIDE MODIFICATIONS:

DEMO: EXISTING ACCESS CONTROL HARDWARE
INSTALL: NEW ACCESS CONTROL HARDWARE, SEE SPECIFICATIONS DIVISION 26

PUSH SIDE MODIFICATIONS:

DEMO: EXISTING CRASH BAR
INSTALL: NEW CRASH BAR, SEE SPECIFICATIONS

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DOOR ELEVATION 1000N

SCALE: 1/2" = 1'-0"



DOOR ELEVATION 1002 W

SCALE: 1/2" = 1'-0"



DOOR ELEVATION 0876 N

SCALE: 1/2" = 1'-0"



DOOR INFO: 3'-0" x 6'-8"



PULL SIDE MODIFICATIONS:

DEMO: EXISTING ACCESS CONTROL HARDWARE
INSTALL: NEW ACCESS CONTROL HARDWARE, SEE SPECIFICATIONS DIVISION 26

PUSH SIDE MODIFICATIONS:

DEMO: EXISTING CRASH BAR
INSTALL: NEW CRASH BAR, SEE SPECIFICATIONS

DOOR INFO: (2) 6'-0" x 7'-0"



PULL SIDE MODIFICATIONS:

DEMO: EXISTING ACCESS CONTROL HARDWARE
INSTALL: NEW ACCESS CONTROL HARDWARE, SEE SPECIFICATIONS DIVISION 26
NOTE: PULL HANDLE TO REMAIN ON LEFT DOOR

PUSH SIDE MODIFICATIONS:

DEMO: EXISTING CRASH BARS
INSTALL: NEW CRASH BARS, SEE SPECIFICATIONS

DOOR INFO: 3'-0" x 6'-8"



DOOR MODIFICATIONS:

DEMO: EXISTING DOOR
INSTALL: NEW DOOR, SEE SHEET A201 FOR DETAILS, ALSO SEE SPECIFICATIONS

PULL SIDE MODIFICATIONS:

DEMO: EXISTING ACCESS CONTROL HARDWARE
INSTALL: NEW ACCESS CONTROL HARDWARE, SEE SPECIFICATIONS DIVISION 26

PUSH SIDE MODIFICATIONS:

DEMO: EXISTING CRASH BAR
INSTALL: NEW CRASH BAR, SEE SPECIFICATIONS

NOTE:
NEW ALUMINUM DOOR
W/ TINTED GLASS,
TO MATCH EXISTING.

FIELD VERIFY ALL
MEASUREMENTS PRIOR
TO CONSTRUCTION.

DOOR INFO: 3'-0" x 6'-8"



DOOR MODIFICATIONS:

DEMO: EXISTING DOOR
INSTALL: NEW DOOR, SEE SHEET A201 FOR DETAILS, ALSO SEE SPECIFICATIONS

PULL SIDE MODIFICATIONS:

DEMO: EXISTING ACCESS CONTROL HARDWARE
INSTALL: NEW ACCESS CONTROL HARDWARE, SEE SPECIFICATIONS DIVISION 26

PUSH SIDE MODIFICATIONS:

DEMO: EXISTING CRASH BAR
INSTALL: NEW CRASH BAR, SEE SPECIFICATIONS

NOTE:
NEW ALUMINUM DOOR
W/ TINTED GLASS,
TO MATCH EXISTING.

FIELD VERIFY ALL
MEASUREMENTS PRIOR
TO CONSTRUCTION.



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1301 North 600 West
LOGAN, UTAH 84321

DOOR ELEVATION 1002 SE

SCALE: 1/2" = 1'-0"



DOOR ELEVATION 1026 EX

SCALE: 1/2" = 1'-0"



DOOR ELEVATION 1026 NX

SCALE: 1/2" = 1'-0"



DOOR ELEVATION 1216 N

SCALE: 1/2" = 1'-0"



DOOR INFO: (2) 3'-0" x 7'-0"



PULL SIDE MODIFICATIONS:

INSTALL: ADA OPENER SYSTEM W/ PUSH BUTTON ACTUATOR, SEE SPECS

DOOR INFO: (2) 3'-0" x 7'-0"



PUSH SIDE MODIFICATIONS:

INSTALL: ADA OPENER SYSTEM W/ PUSH BUTTON ACTUATOR, SEE SPECS

GENERAL NOTES:

- ALL EXTERIOR DOORS TO BE FIELD PREPARED FOR NEW PAINT, SEE BRIDGERLAND APPLIED TECHNOLOGY COLLEGE REPRESENTATIVES FOR COLORS
- REFER TO DOOR SCHEDULE IN ELECTRICAL DRAWINGS FOR FURTHER DOOR INFORMATION
- ADA OPENER SYSTEM W/ PUSH BUTTON ACTUATOR. SEE ELECTRICAL DRAWINGS FOR PUSH BUTTON LOCATIONS

MARK DATE DESCRIPTION

ISSUE TYPE:

ISSUE DATE: 10-16-13

DFCM PROJECT NO: #13102210

DRAWN BY: CMW

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SHEET TITLE

EXISTING DOORS
ELEVATIONS AND
NOTES

SHEET NUMBER

A102

SHEET OF

DOOR ELEVATION 1300 NEX2

SCALE: 1/2" = 1'-0"



DOOR INFO: 3'-0" x 6'-8"



NOTE:
NEW INSULATED HOLLOW METAL DOOR, TO MATCH EXISTING.
NEW HOLLOW METAL DOOR FRAME, TO MATCH EXISTING.
FIELD VERIFY ALL MEASUREMENTS PRIOR TO CONSTRUCTION.

DOOR MODIFICATIONS:
DEMO: EXISTING DOOR AND DOOR FRAME
INSTALL: NEW DOOR AND DOOR FRAME, SEE SHEET A201 FOR DETAILS, ALSO SEE SPECIFICATIONS
NOTE: RE-USE EXIST. HARDWARE (UNLESS HARDWARE IS BEING REPLACED).

ADDITIONAL MODIFICATIONS:
DEMO: EXIST. DAMAGED DOOR TRIM & EXT. HALL PANEL BETWEEN MAIN DOOR & O.H. DOOR
INSTALL: NEW DOOR TRIM, TO MATCH EXISTING
NEW HALL PANEL, TO MATCH EXISTING

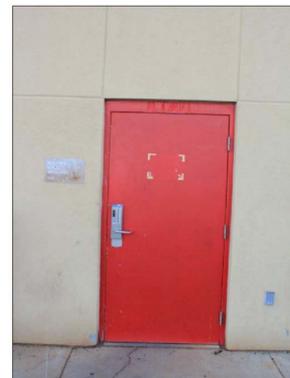
PULL SIDE MODIFICATIONS:
DEMO: EXISTING ACCESS CONTROL HARDWARE
INSTALL: NEW ACCESS CONTROL HARDWARE, SEE SPECIFICATIONS DIVISION 26

PUSH SIDE MODIFICATIONS:
DEMO: EXISTING CRASH BAR
INSTALL: NEW CRASH BAR, SEE SPECIFICATIONS

DOOR ELEVATION 1105 SWX
SCALE: 1/2" = 1'-0"



2 DOOR INFO: 3'-0" x 6'-8"



PULL SIDE MODIFICATIONS:
DEMO: EXISTING ACCESS CONTROL HARDWARE
INSTALL: NEW ACCESS CONTROL HARDWARE, SEE SPECIFICATIONS DIVISION 26

PUSH SIDE MODIFICATIONS:
DEMO: EXISTING CRASH BAR
INSTALL: NEW CRASH BAR, SEE SPECIFICATIONS

DOOR ELEVATION 0915 WX
SCALE: 1/2" = 1'-0"



3 DOOR INFO: 3'-0" x 6'-8"



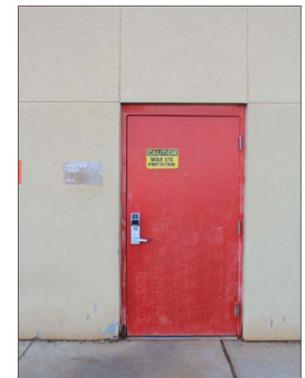
NOTE:
NEW INSULATED HOLLOW METAL DOOR, TO MATCH EXISTING.
NEW HOLLOW METAL DOOR FRAME, TO MATCH EXISTING.
FIELD VERIFY ALL MEASUREMENTS PRIOR TO CONSTRUCTION.

DOOR MODIFICATIONS:
DEMO: EXISTING DOOR AND DOOR FRAME
INSTALL: NEW DOOR AND DOOR FRAME, SEE SHEET A201 FOR DETAILS, ALSO SEE SPECIFICATIONS
NOTE: RE-USE EXIST. HARDWARE (UNLESS HARDWARE IS NOTED TO BE REPLACED)

DOOR ELEVATION 0905 WX
SCALE: 1/2" = 1'-0"



4 DOOR INFO: 3'-0" x 6'-8"



NOTE:
NEW INSULATED HOLLOW METAL DOOR, TO MATCH EXISTING.
NEW HOLLOW METAL DOOR FRAME, TO MATCH EXISTING.
FIELD VERIFY ALL MEASUREMENTS PRIOR TO CONSTRUCTION.

DOOR MODIFICATIONS:
DEMO: EXISTING DOOR AND DOOR FRAME
INSTALL: NEW DOOR AND DOOR FRAME, SEE SHEET A201 FOR DETAILS, ALSO SEE SPECIFICATIONS
NOTE: RE-USE EXIST. HARDWARE (UNLESS HARDWARE IS NOTED TO BE REPLACED)

DOOR ELEVATION 0701 WX
SCALE: 1/2" = 1'-0"



DOOR INFO: (2) 3'-0" x 6'-8"



NOTE:
NEW ALUMINUM DOOR W/ TINTED GLASS, TO MATCH EXISTING.
NEW ALUMINUM DOOR FRAME, TO MATCH EXISTING.
FIELD VERIFY ALL MEASUREMENTS PRIOR TO CONSTRUCTION.

DOOR MODIFICATIONS:
DEMO: EXISTING DOOR AND DOOR FRAME
INSTALL: NEW DOOR AND DOOR FRAME, SEE SHEET A201 FOR DETAILS, ALSO SEE SPECIFICATIONS
NOTE: RE-USE EXIST. HARDWARE (UNLESS HARDWARE IS NOTED TO BE REPLACED)

DOOR ELEV. 0500 SWNX/SWSX
SCALE: 1/2" = 1'-0"



DOOR INFO: (2) 3'-0" x 6'-8"



PULL SIDE MODIFICATIONS:
DEMO: EXISTING ACCESS CONTROL HARDWARE
INSTALL: NEW ACCESS CONTROL HARDWARE, SEE SPECIFICATIONS DIVISION 26

PUSH SIDE MODIFICATIONS:
DEMO: EXISTING CRASH BAR
INSTALL: NEW CRASH BAR, SEE SPECIFICATIONS

DOOR ELEVATION 0521 NWX
SCALE: 1/2" = 1'-0"



DOOR INFO: 3'-0" x 6'-8"



PULL SIDE MODIFICATIONS:
DEMO: EXISTING ACCESS CONTROL HARDWARE
INSTALL: NEW ACCESS CONTROL HARDWARE, SEE SPECIFICATIONS DIVISION 26

PUSH SIDE MODIFICATIONS:
DEMO: EXISTING CRASH BAR
INSTALL: NEW CRASH BAR, SEE SPECIFICATIONS

DOOR ELEVATION 0521 SWX
SCALE: 1/2" = 1'-0"



DOOR INFO: 3'-0" x 6'-8"



NOTE:
NEW INSULATED HOLLOW METAL DOOR, TO MATCH EXISTING.
NEW HOLLOW METAL DOOR FRAME, TO MATCH EXISTING.
FIELD VERIFY ALL MEASUREMENTS PRIOR TO CONSTRUCTION.

DOOR MODIFICATIONS:
DEMO: EXISTING DOOR AND DOOR FRAME
INSTALL: NEW DOOR AND DOOR FRAME, SEE SHEET A201 FOR DETAILS, ALSO SEE SPECIFICATIONS
NOTE: RE-USE EXIST. HARDWARE (UNLESS HARDWARE IS NOTED TO BE REPLACED)

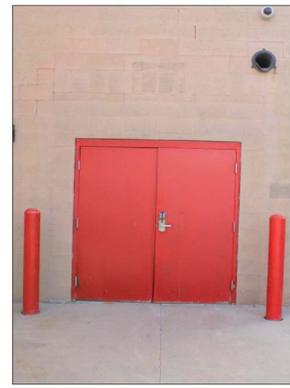
PULL SIDE MODIFICATIONS:
DEMO: EXISTING ACCESS CONTROL HARDWARE
INSTALL: NEW ACCESS CONTROL HARDWARE, SEE SPECIFICATIONS DIVISION 26

PUSH SIDE MODIFICATIONS:
DEMO: EXISTING CRASH BAR
INSTALL: NEW CRASH BAR, SEE SPECIFICATIONS

DOOR ELEVATION 0521 SX
SCALE: 1/2" = 1'-0"



DOOR INFO: 3'-0" x 6'-8"



NOTE:
NEW INSULATED HOLLOW METAL DOOR, TO MATCH EXISTING.
FIELD VERIFY ALL MEASUREMENTS PRIOR TO CONSTRUCTION.

DOOR MODIFICATIONS:
DEMO: EXISTING DOOR
INSTALL: NEW DOOR, SEE SHEET A201 FOR DETAILS, ALSO SEE SPECIFICATIONS
NOTE: RE-USE EXIST. HARDWARE (UNLESS HARDWARE IS NOTED TO BE REPLACED)

DOOR ELEVATION 0325
SCALE: 1/2" = 1'-0"



DOOR INFO: 6'-0" x 7'-0"



DOOR MODIFICATIONS:
DEMO: EXISTING DOOR
INSTALL: NEW DOOR, SEE SHEET A201 FOR DETAILS, ALSO SEE SPECIFICATIONS
NOTE: RE-USE EXIST. HARDWARE (UNLESS HARDWARE IS NOTED TO BE REPLACED)

DOOR ELEV. 0195 WXN/WXS
SCALE: 1/2" = 1'-0"



DOOR INFO: 6'-0" x 7'-0"



NOTE:
NEW ALUMINUM DOOR W/ TINTED GLASS, TO MATCH EXISTING.
FIELD VERIFY ALL MEASUREMENTS PRIOR TO CONSTRUCTION.

GENERAL NOTES:

- 1. ALL EXTERIOR DOORS TO BE FIELD PREPARED FOR NEW PAINT, SEE BRIDGERLAND APPLIED TECHNOLOGY COLLEGE REPRESENTATIVES FOR COLORS
- 2. REFER TO DOOR SCHEDULE IN ELECTRICAL DRAWINGS FOR FURTHER DOOR INFORMATION
- 3. ADA OPERATOR SYSTEM W/ PUSH BUTTON ACTUATOR. SEE ELECTRICAL DRAWINGS FOR PUSH BUTTON LOCATIONS

KEY PLAN

5

DFCM APPROVAL

DFCM
4110 State Office Building
Salt Lake City, Utah 84114
Phone: (801) 538 - 3018
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BATC - LOGAN CAMPUS ELECTRONIC ACCESS IMPROVEMENTS

BRIDGERLAND APPLIED TECHNOLOGY CENTER
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LOGAN, UTAH 84321

MARK	DATE	DESCRIPTION
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ISSUE DATE: 10-16-13

DFCM PROJECT NO: #13102210

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SHEET TITLE

EXISTING DOORS ELEVATIONS AND NOTES

SHEET NUMBER

A104

SHEET OF

LAST SAVE: 11/20/13 11:55:06AM C:\A104-DFCM.DWG
LAST SAVED: 22 Nov 13

DOOR INFO: 3'-0" x 6'-8"



PULL SIDE MODIFICATIONS:
DEMO: EXISTING ACCESS CONTROL HARDWARE
INSTALL: NEW ACCESS CONTROL HARDWARE;
SEE SPECIFICATIONS DIVISION 26

PUSH SIDE MODIFICATIONS:
DEMO: EXISTING CRASH BAR
INSTALL: NEW CRASH BAR; SEE SPECIFICATIONS

DOOR INFO: 3'-0" x 6'-8"



PULL SIDE MODIFICATIONS:
DEMO: EXISTING ACCESS CONTROL HARDWARE
INSTALL: NEW ACCESS CONTROL HARDWARE;
SEE SPECIFICATIONS DIVISION 26

DOOR INFO: 3'-0" x 6'-8"



PUSH SIDE MODIFICATIONS:
DEMO: EXISTING CRASH BAR
INSTALL: NEW CRASH BAR; SEE SPECIFICATIONS

3

DOOR INFO: 3'-0" x 6'-8"



PULL SIDE MODIFICATIONS:
DEMO: EXISTING ACCESS CONTROL HARDWARE
INSTALL: NEW ACCESS CONTROL HARDWARE;
SEE SPECIFICATIONS DIVISION 26

PUSH SIDE MODIFICATIONS:
DEMO: EXISTING CRASH BAR
INSTALL: NEW CRASH BAR; SEE SPECIFICATIONS

4

DOOR INFO: 3'-0" x 6'-8"



PULL SIDE MODIFICATIONS:
DEMO: EXISTING ACCESS CONTROL HARDWARE
INSTALL: NEW ACCESS CONTROL HARDWARE;
SEE SPECIFICATIONS DIVISION 26

PUSH SIDE MODIFICATIONS:
DEMO: EXISTING CRASH BAR
INSTALL: NEW CRASH BAR; SEE SPECIFICATIONS

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DOOR ELEVATION 0220 N

SCALE: 1/2" = 1'-0"



DOOR ELEVATION 0466 E

SCALE: 1/2" = 1'-0"



DOOR ELEVATION 0616 W

SCALE: 1/2" = 1'-0"



DOOR ELEVATION 0876 SW

SCALE: 1/2" = 1'-0"



DOOR INFO: 3'-0" x 6'-8"



PULL SIDE MODIFICATIONS:
DEMO: EXISTING ACCESS CONTROL HARDWARE
INSTALL: NEW ACCESS CONTROL HARDWARE;
SEE SPECIFICATIONS DIVISION 26

PUSH SIDE MODIFICATIONS:
DEMO: EXISTING CRASH BAR
INSTALL: NEW CRASH BAR; SEE SPECIFICATIONS

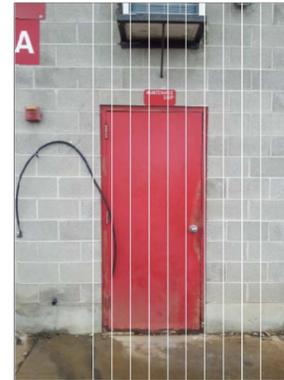
DOOR INFO: 3'-0" x 6'-8"



PULL SIDE MODIFICATIONS:
DEMO: EXISTING ACCESS CONTROL HARDWARE
INSTALL: NEW ACCESS CONTROL HARDWARE;
SEE SPECIFICATIONS DIVISION 26

PUSH SIDE MODIFICATIONS:
DEMO: EXISTING CRASH BAR
INSTALL: NEW CRASH BAR; SEE SPECIFICATIONS

DOOR INFO: 3'-0" x 6'-8"



NOTE:
NEW INSULATED HOLLOW
METAL DOOR, TO MATCH
EXISTING.

NEW HOLLOW METAL
DOOR FRAME, TO
MATCH EXISTING.

FIELD VERIFY ALL
MEASUREMENTS PRIOR
TO CONSTRUCTION.

DOOR MODIFICATIONS:

DEMO: EXISTING DOOR AND DOOR FRAME
INSTALL: NEW DOOR AND DOOR FRAME. SEE SHEET A201
FOR DETAILS, ALSO SEE SPECIFICATIONS
NOTE: RE-USE EXIST. HARDWARE (UNLESS HARDWARE IS
NOTED TO BE REPLACED)

DOOR INFO: 3'-0" x 6'-8"



PULL SIDE MODIFICATIONS:
DEMO: EXISTING ACCESS CONTROL HARDWARE
INSTALL: NEW ACCESS CONTROL HARDWARE;
SEE SPECIFICATIONS DIVISION 26

PUSH SIDE MODIFICATIONS:
DEMO: EXISTING CRASH BAR
INSTALL: NEW CRASH BAR; SEE SPECIFICATIONS



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DOOR ELEVATION 0915 E

SCALE: 1/2" = 1'-0"



DOOR ELEVATION 0931 E

SCALE: 1/2" = 1'-0"



DOOR ELEVATION M513

SCALE: 1/2" = 1'-0"



DOOR ELEVATION 206 NE

SCALE: 1/2" = 1'-0"



DOOR INFO: 3'-0" x 6'-8"



PULL SIDE MODIFICATIONS:
DEMO: EXISTING ACCESS CONTROL HARDWARE
INSTALL: NEW ACCESS CONTROL HARDWARE;
SEE SPECIFICATIONS DIVISION 26

PUSH SIDE MODIFICATIONS:
DEMO: EXISTING CRASH BAR
INSTALL: NEW CRASH BAR; SEE SPECIFICATIONS

DOOR INFO: 3'-0" x 6'-8"



PULL SIDE MODIFICATIONS:
DEMO: EXISTING ACCESS CONTROL HARDWARE
INSTALL: NEW ACCESS CONTROL HARDWARE;
SEE SPECIFICATIONS DIVISION 26

PUSH SIDE MODIFICATIONS:
DEMO: EXISTING CRASH BAR
INSTALL: NEW CRASH BAR; SEE SPECIFICATIONS

DOOR INFO: 3'-0" x 6'-8"



PULL SIDE MODIFICATIONS:
DEMO: EXISTING ACCESS CONTROL HARDWARE
INSTALL: NEW ACCESS CONTROL HARDWARE;
SEE SPECIFICATIONS DIVISION 26

PUSH SIDE MODIFICATIONS:
DEMO: EXISTING CRASH BAR
INSTALL: NEW CRASH BAR; SEE SPECIFICATIONS

DOOR ELEVATION 931SE

SCALE: 1/2" = 1'-0"



DOOR ELEVATION 1210NE

SCALE: 1/2" = 1'-0"



DOOR ELEVATION 1224S

SCALE: 1/2" = 1'-0"



KEY PLAN

5

DFCM APPROVAL

GENERAL NOTES:

- ALL EXTERIOR DOORS TO BE FIELD PREPARED FOR NEW PAINT; SEE BRIDGERLAND APPLIED TECHNOLOGY COLLEGE REPRESENTATIVES FOR COLORS
- REFER TO DOOR SCHEDULE IN ELECTRICAL DRAWINGS FOR FURTHER DOOR INFORMATION
- ADA OPERATOR SYSTEM w/ PUSH BUTTON ACTUATOR. SEE ELECTRICAL DRAWINGS FOR PUSH BUTTON LOCATIONS

MARK	DATE	DESCRIPTION

ISSUE DATE: 10-16-13

DFCM PROJECT NO: #13102210

DRAWN BY: CMW

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SHEET TITLE

EXISTING DOORS
ELEVATIONS AND
NOTES

SHEET NUMBER

A105

SHEET OF



BATC - LOGAN
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BRIDGERLAND APPLIED
 TECHNOLOGY CENTER
 1301 North 600 West
 LOGAN, UTAH 84321

MARK	DATE	DESCRIPTION
ISSUE TYPE:		

ISSUE DATE: 10-16-13

DFCM PROJECT NO: #13102210

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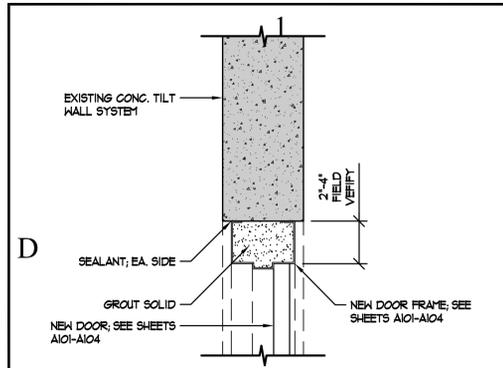
SHEET TITLE

DOOR
 FRAMING
 DETAILS

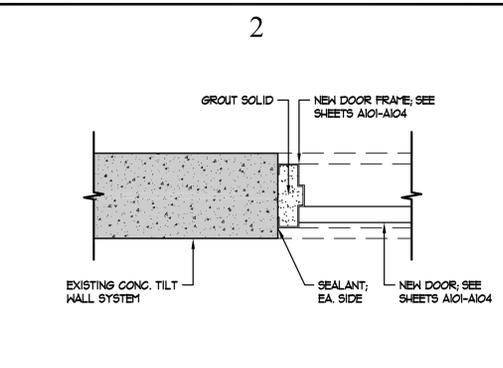
SHEET NUMBER

A201

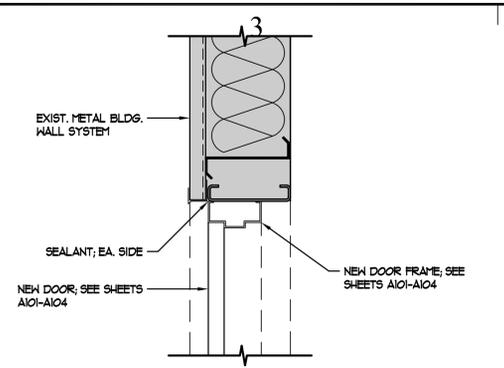
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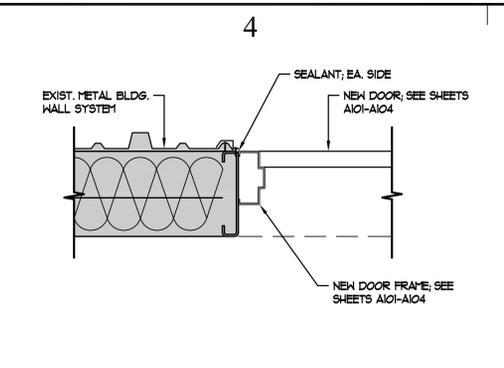
DOOR HEAD:
 EXISTING CONC. TILT WALL SYS.
 SCALE: 1 1/2" = 1'-0"
 A201



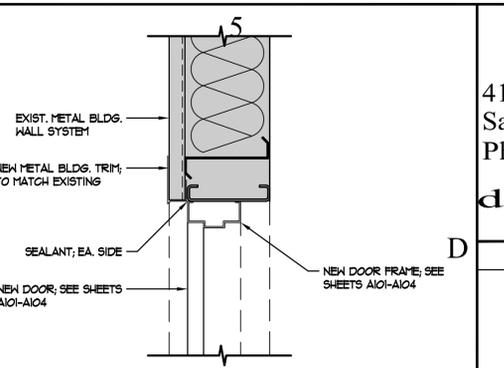
DOOR JAMB:
 EXISTING CONC. TILT WALL SYS.
 SCALE: 1 1/2" = 1'-0"
 A201



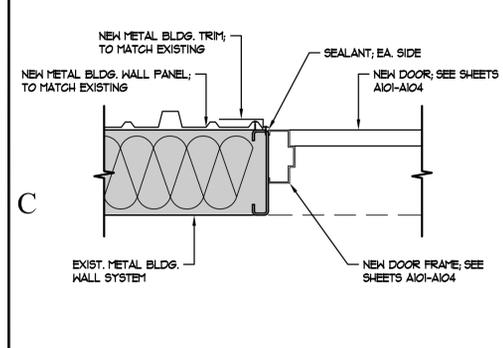
DOOR HEAD:
 EXISTING METAL BLDG. WALL SYS.
 SCALE: 1 1/2" = 1'-0"
 A201



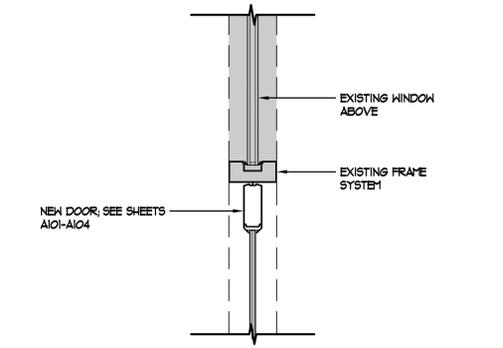
DOOR JAMB:
 EXISTING METAL BLDG. WALL SYS.
 SCALE: 1 1/2" = 1'-0"
 A201



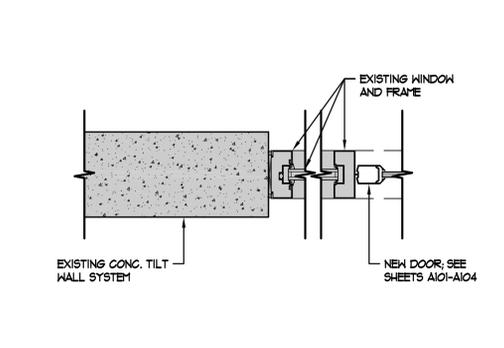
DOOR HEAD:
 EXISTING METAL BLDG. WALL SYS.
 SCALE: 1 1/2" = 1'-0"
 A201



DOOR JAMB:
 EXISTING METAL BLDG. WALL SYS.
 SCALE: 1 1/2" = 1'-0"
 A201



DOOR HEAD:
 EXISTING STOREFRONT SYSTEM
 SCALE: 1 1/2" = 1'-0"
 A201



DOOR JAMB:
 EXISTING STOREFRONT SYSTEM
 SCALE: 1 1/2" = 1'-0"
 A201

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KEY PLAN

5

DFCM APPROVAL

A

GENERAL PROJECT NOTES

- ALL ELECTRICAL INSTALLATIONS TO CONFORM TO THE LATEST NEC AND LOCAL CODES.
- EMT IS NOT ALLOWED OUT OF DOORS.
- MOUNTING HEIGHT OF GENERAL PURPOSE OUTLETS AND SWITCHES SHALL BE 16" TO BOTTOM AND 48" TO TOP RESPECTIVELY UNLESS OTHERWISE NOTED.
- A GFI OUTLET SHALL BE INSTALLED AT EACH LOCATION DESIGNATED BY 'GFI' ON THE DRAWINGS. DOWNSTREAM PROTECTION BY A GFI OUTLET UPSTREAM IS NOT ALLOWED.
- REMOVE ALL OLD AND/OR UNUSED EXISTING CONDUIT AND ELECTRICAL APPARATUS FROM EXTERIOR OR INTERIOR EXPOSED SURFACES.
- FIELD VERIFY CONDITIONS FOR NEW WIRING. SURFACE RACEWAYS MUST RECEIVE PRIOR APPROVAL FROM THE ARCHITECT BEFORE BID AND MUST BE PAINTED TO MATCH THE SURFACE ON WHICH THEY ARE MOUNTED. STRAP WIRE MOLD EVERY FOUR FEET.
- WHERE EXISTING ELECTRICAL EQUIPMENT IS TO REMAIN BUT THE SURFACE THAT IT IS MOUNTED ON IS TO BE REWORKED UNDER OTHER CONTRACTS, THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE TO REMOVE AND INSTALL OR MODIFY THE EXISTING EQUIPMENT AS REQUIRED TO MEET THE DESIGN INTENT. SEE ARCHITECTURAL DRAWINGS FOR ROOF, CEILINGS, WALLS, SOFFITS, FLOORS, ETC.
- CIRCUIT WIRE SIZES MUST MATCH BRANCH CIRCUIT BREAKERS PER NEC. VERIFY WITH PANEL SCHEDULES BEFORE PULLING WIRE.
- PANEL INDEXES SHALL INCLUDE ALL PERTINENT INFORMATION ON THE PANEL SCHEDULES INCLUDING INFORMATION ON LIGHTS AND OUTLETS. DO NOT SIMPLY COPY THE CIRCUIT DESCRIPTION COLUMN. INDEXES TO BE TYPEWRITTEN.
- BEFORE RUNNING CONDUITS OR PLACING OUTLETS AND EQUIPMENT, THE CONTRACTOR SHALL REVIEW THE FIELD CONDITIONS, DRAWINGS AND SPECIFICATIONS OF THE OTHER TRADES SERVED BY THE CONDUIT OR OUTLETS.
- ALL ELECTRICAL EQUIPMENT SHALL BE LOCATED SO AS NOT TO INTERFERE WITH WOOD TRIM AND MOLDINGS.
- THE ELECTRICAL CONTRACTOR SHALL RUN RACEWAYS IN A NEAT AND WORKMANLIKE MANNER.
- REMOVE ALL UNUSED CONDUITS AND CIRCUITS IN THE DEMOLITIONED AREA AS THEY ARE IDENTIFIED AS UNUSED OR ABANDONED.
- REMOVE ALL EXISTING ELECTRICAL DEVICES, EQUIPMENT, AND APPARATUS AS THEY ARE IDENTIFIED AS UNUSED OR ABANDONED.
- RELOCATE EXISTING CONDUITS AND CIRCUITS AS REQUIRED THAT ARE PRESENTLY SERVING EQUIPMENT THAT IS INTENDED TO REMAIN IN SERVICE BUT SAID CONDUITS ARE CURRENTLY RUNNING THROUGH AREAS TO BE DEMOLITIONED.
- INCLUDE AS PART OF THE JOB THE INSTALLATION OF AN EXTRA 200 FT OF 3/4" EMT WITH 4 #10 WIRES INSTALLED AND TWO J-BOX TERMINATIONS.
- WHERE EXISTING CONDUIT RUNS ARE RE-USED BY SPECIAL PERMISSION FROM THE ENGINEER, A SEPARATE GREEN, INSULATED GROUND WIRE SHALL BE PULLED IN THE CONDUIT AND BONDED AT EACH END AS REQUIRED.
- THE CLARITY OF RECORD DRAWING CHANGES MADE BY THE CONTRACTOR SHALL BE EQUAL TO THE ORIGINAL DRAWINGS AS JUDGED BY THE ARCHITECT OR THE RECORD SET WILL BE RETURNED TO THE CONTRACTOR FOR CLARIFICATION.
- "RECORD" OR "AS-BUILT" DRAWINGS SHALL BE FURNISHED BY THE CONTRACTOR AT JOB COMPLETION. THE CONTRACTOR SHALL BE REQUIRED TO FURNISH A COMPLETE SET OF "BLUE-PRINT READY" AUTOCAD ELECTRICAL DRAWINGS FOR ALL CONTRACTOR GENERATED CHANGES FROM THE DRAWINGS OF A CLARITY EQUAL TO THE ORIGINAL DRAWINGS AS JUDGED BY THE ENGINEER. CONTACT ARCHITECT FOR DISKS OR REPRODUCIBLE ORIGINAL MEDIA. PROVIDE DRAWINGS ON CD IN AUTOCAD FORMAT.
- ALL PATCH, REPAIR, REPAINT AND COVER UP REQUIRED AS A RESULT OF REMODEL IS TO BE THE RESPONSIBILITY OF THE TRADE CONTRACTOR, BUT ACTUAL WORK IS TO BE PERFORMED BY QUALIFIED PERSONNEL.
- DO NOT SCALE FLOOR PLANS. FIELD VERIFY CONDITIONS FOR ACCURATE DIMENSIONS AND FLOOR PLANS.
- ALL OUTLETS MUST BE MOUNTED FLUSH WITH THE COVER PLATE AND SECURED FIRMLY TO THE OUTLET BOX.
- REVIEW THE STATE DESIGN REQUIREMENTS MANUAL PRIOR TO BID. NOTIFY ENGINEER OF CONFLICTS BETWEEN STATE REQUIREMENTS AND THESE DOCUMENTS PRIOR TO BID.
- CIRCUIT WIRING SHALL BE INSTALLED AS SHOWN ON THE DRAWINGS. ANY DEVIATIONS SHALL BE INITIATED BY A CHANGE ORDER FROM THE ARCHITECT. OTHERWISE THE RECORD SET SHALL MATCH THE CONSTRUCTION SET.
- IDENTIFY ALL EMERGENCY OUTLET COVER PLATES WITH THE PANEL AND CIRCUIT NUMBER.
- COORDINATE LOCATION OF ALL FIRE ALARM DEVICES WITH NFPA AND ADA REQUIREMENTS. COORDINATE LOCATIONS WITH MILLWORK AS REQUIRED.
- PROVIDE AN EQUIPMENT GROUNDING CONDUCTOR, PULLED INTO THE CONDUIT WITH THE PHASE CONDUCTOR, IN ALL SERVICE, FEEDER, AND BRANCH CIRCUITS.
- PROVIDE A NEUTRAL CONDUCTOR FOR EACH BREAKER TRIP HANDLE. NEUTRALS SHALL NOT BE SHARED BETWEEN BRANCH CIRCUITS.
- ALL CIRCUITS TO BE MINIMUM #12 CU IN MINIMUM 3/4" CONDUIT UNLESS OTHERWISE NOTED.
- MC CABLE IS NOT AN APPROVED ALTERNATE TO CONDUCTORS IN CONDUIT.
- CONDUIT AND OTHER RACEWAYS FOR ELECTRONICS SYSTEMS SHALL BE INSTALLED BY THE PROJECT ELECTRICIAN.
- WHERE THERE ARE CONFLICTS IN THE DRAWINGS AND/OR SPECIFICATIONS THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER PRIOR TO BID. WHERE NO NOTIFICATION IS GIVEN THE MORE STRINGENT INTERPRETATION (GENERALLY INTERPRETED TO BE THE MORE COSTLY) WILL BE ENFORCED.
- SHUTDOWNS SHALL BE DONE DURING OWNER'S NON-BUSINESS HOURS, GENERALLY CONSIDERED TO BE NIGHTS, WEEKENDS AND BUILDINGS. POWER SHALL BE RESTORED TO AFFECTED AREAS PRIOR TO OWNER'S NEXT SCHEDULED USE AOF AREA.
- CONTRACTOR SHALL IMPLEMENT METHODS TO MINIMIZE ALL SHUTDOWNS (SERVICE, FEEDERS & CIRCUITS) DURATIONS. INCLUDE PROPOSED MEANS AND METHODS IN BID PROPOSALS.

ELECTRICAL LEGEND

ANNOTATIONS		GENERAL WALL-MOUNTED BOX HEIGHT DETAIL	
	DETAIL CALL-OUT: TOP 'X' REFERS TO DETAIL NUMBER & BOTTOM 'XXX' REFERS TO SHEET NUMBER		
BRANCH CIRCUITING		CEILING LEGEND	
	DUPLEX OUTLET		EXISTING 2'x4' CEILING SYSTEM W/ SQUARE EDGE TILES
	DUPLEX OUTLET: EMERGENCY SOURCE		EXISTING 5/8" FINISHED GYP BD CEILING SYSTEM
	DUPLEX OUTLET: ISOLATED GROUND		OPEN TO STRUCTURE
	DUPLEX OUTLET: WEATHERPROOF	DOOR SYMBOL LEGEND	
	DOUBLE DUPLEX OUTLET		DOOR: ACCESS CONTROL TO REMAIN.
	DOUBLE DUPLEX OUTLET: EMERGENCY SOURCE		DOOR: ACCESS CONTROL TO BE UPGRADED
	DOUBLE DUPLEX OUTLET: ISOLATED GROUND		DOOR: NO ACCESS CONTROL
	DOUBLE DUPLEX OUTLET: GROUND FAULT INTERRUPTER		
	DOUBLE DUPLEX OUTLET: EMERGENCY GROUND FAULT INTERRUPTER		
	SPECIAL OUTLET: SEE PANEL SCHEDULE		
	JUNCTION BOX		
	QUANTITY OF CONDUCTORS: SHORT LINES = PHASE /SWITCH LONG LINES = NEUTRAL		
	HOME-RUN		
POWER AND DISTRIBUTION			
	DISTRIBUTION PANEL		
	PANELBOARD		
COMMUNICATIONS			
	COMMUNICATIONS RACK		
	DATA RACK; FREE STANDING CABINET		
	PHONE BACKBOARD		
	COMMUNICATIONS ENCLOSURE		
	TELEVISION OUTLET (4SD J-BOX; 1-GANG MUD RING; 1" CONDUIT, 1-RG-6 COAX)		
	COMMUNICATIONS OUTLET (4SD J-BOX; 1-GANG MUD-RING; 1" CONDUIT, 1 CAT 5e CABLE)		
	COMMUNICATIONS OUTLET (4SD J-BOX; 1-GANG MUD-RING; 1" CONDUIT, 2 CAT 5e CABLES)		
	COMMUNICATIONS OUTLET (4SD J-BOX; 1-GANG MUD-RING; 1" CONDUIT; 3 CAT 5e CABLES)		
	COMMUNICATIONS OUTLET (4SD J-BOX; 1-GANG MUD-RING; 1" CONDUIT; x CAT 5e CABLES)		
	COMMUNICATIONS OUTLET: WIRELESS ACCESS POINT (4SD J-BOX; 1-GANG MUD-RING; 1" CONDUIT, 1 CAT 5e CABLE)		
FIRE ALARM			
	FIRE ALARM CONTROL/RELAY MODULE		
	FIRE ALARM MONITOR MODULE		
	MAGNETIC DOOR HOLDER		
	FIRE ALARM STROBE; "X" = MINIMUM CANDELA RATING		
	CEILING MOUNTED FIRE ALARM STROBE; "X" = MINIMUM CANDELA RATING		
	FIRE ALARM HORN AND STROBE; "X" = MINIMUM CANDELA RATING		
	CEILING MOUNTED FIRE ALARM HORN AND STROBE; "X" = MINIMUM CANDELA RATING		

SHEET INDEX

• INDICATES PREVIOUSLY / CURRENTLY ISSUED SHEETS

PLANCHER SUBMITTAL

SHEET	TITLE
TY001	G.P.N., LEGEND, SHEET INDEX & ABBREVIATIONS
TY101	PARTIAL ACCESS SYSTEMS PLAN - MAIN CAMPUS SOUTH
TY102	PARTIAL ACCESS SYSTEMS PLAN - MAIN CAMPUS CENTER
TY103	PARTIAL ACCESS SYSTEMS PLAN - MAIN CAMPUS NORTH
TY104	OVERALL ACCESS SYSTEMS PLAN - WEST CAMPUS
TY501	EXISTING INTEGRATED HARDWARE/ACCESS CONTROL REFERENCE
TY601	ACCESS CONTROL DOOR SCHEDULES

ELECTRICAL ABBREVIATIONS

A	AMPERE	LTG	LIGHTING
AF	AMP FUSE	MAX	MAXIMUM
AFF	ABOVE FINISHED FLOOR	MCB	MAIN CIRCUIT BREAKER
AFG	ABOVE FINISHED GRADE	MECH	MECHANICAL
AFI	ARC-FAULT CIRCUIT-INTERRUPTER	MFR	MANUFACTURER
AIC	AMPERE INTERRUPTING CAPACITY	MIN	MINIMUM
AL	ALUMINUM	MLO	MAIN LUGS ONLY
ARCH	ARCHITECT(URAL)	MTD	MOUNTED
AS	AMP SWITCH	NEC	NATIONAL ELECTRICAL CODE
AWG	AMERICAN WIRE GAUGE	NECA	NATIONAL ELECTRICAL CONTRACTORS ASSOCIATION
BLDG	BUILDING	NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
BKBD	BACKBOARD	NEUT	NEUTRAL
C	CONDUIT	NFC	NATIONAL FIRE CODE
CAB	CABINET	NC	NORMALLY CLOSED
CAT	CATALOG/CATEGORY	NIC	NOT IN CONTRACT
C/B	CIRCUIT BREAKER	NL	NIGHT LITE
CKT	CIRCUIT	NO	NORMALLY OPEN
CLG	CEILING	NTS	NOT TO SCALE
CO	CONDUIT ONLY	OC	OVERCURRENT PROTECTION
COMM	COMMUNICATION	P	POLE
CONN	CONNECTION	PH	PHASE
CU	COPPER	PNL	PANEL
DEMO	DEMOLITION/DEMOLISH	PWR	POWER
DISC	DISCONNECT	QTY	QUANTITY
DN	DOWN	RECEP	RECEPTACLE
DWG	DRAWING	REQD	REQUIRED
EA	EACH	RGSC	RIGID GALVANIZED STEEL CONDUIT
ELEC	ELECTRICAL	RM	ROOM
ELEV	ELEVATOR	SCHED	SCHEDULE
EMER. EM	EMERGENCY	SECT	SECTION
EMT	ELECTRICAL METALLIC TUBING	SP	SINGLE POLE
EOLR	END OF LINE RESISTOR	SN	SOLID NEUTRAL
EQUIP	EQUIPMENT	SPEC	SPECIFICATION
EX. EXIST	EXISTING	SW	SWITCH
FBO	FURNISHED BY OTHERS	SWBD	SWITCHBOARD
FCU	FAN COIL UNIT	SWGR	SWITCH GEAR
FF	FINISHED FLOOR	SYS	SYSTEM
FIXT	FIXTURE	TEMP	TEMPORARY
FLEX	FLEXIBLE METALLIC CONDUIT (STEEL)	TELE	TELEPHONE
FLUOR	FLUORESCENT	XFMR	TRANSFORMER
FT	FEET OR FOOT	T-STAT	THERMOSTAT
GFI	GROUND FAULT INTERRUPTER	TWP	TWISTED PAIR
GND	GROUND	TWSP	TWISTED SHIELDED PAIR
HP	HORSEPOWER	TYP	TYPICAL
HVAC	HEATING, VENTILATING & AIR CONDITIONING	UBC	UNIFORM BUILDING CODE
IG	ISOLATED GROUND	UL	UNDERWRITERS LABORATORY
IMC	INTERMEDIATE METAL CONDUIT	UMC	UNIFORM MECHANICAL CODE
IN	INCHES	UNO	UNLESS NOTED OTHERWISE
ISC	SHORT CIRCUIT AMPERES, KA	V	VOLT OR VOLTAGE
J.B. J-BOX	JUNCTION BOX	VA	VOLT AMPERE
KCMIL	THOUSAND CIRCULAR MILS	W	WATT
KVA	KILOVOLT AMPERE	W	WITH
KW	KILOWATT	WG	WIRE GUARD
		WP	UL LISTED WEATHERPROOF, NEMA 3R or 4

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BATC - LOGAN CAMPUS ELECTRONIC ACCESS IMPROVEMENTS

BRIDGERLAND APPLIED TECHNOLOGY CENTER
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MARK	DATE	DESCRIPTION
ISSUE TYPE: BID DOCUMENTS		

ISSUE DATE: NOV. 22, 2013

DFCM PROJECT NO: #13102210

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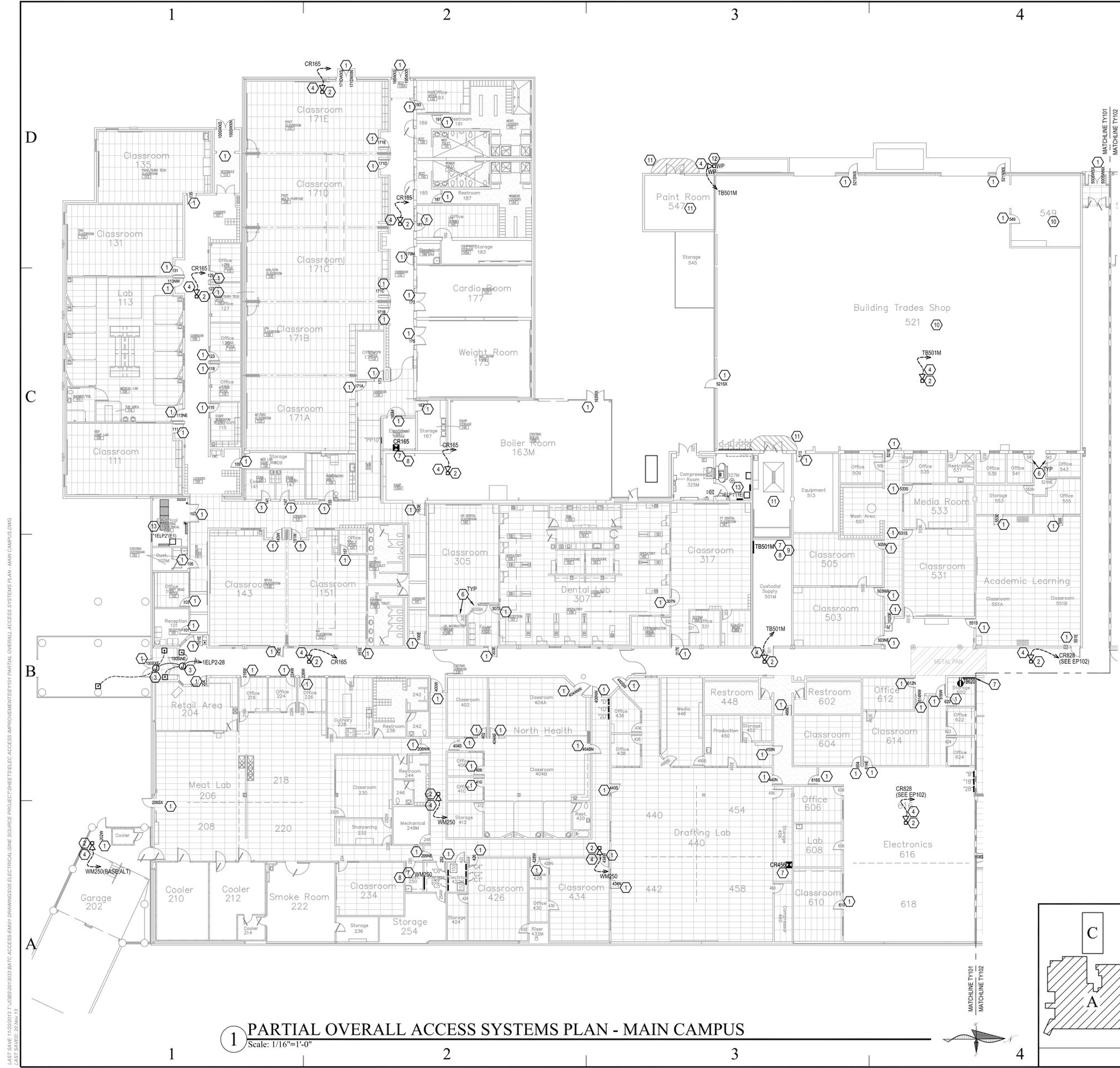
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 SHEET TITLE

ABBREVIATIONS,
 G.P.N., LEGEND &
 SHEET INDEX

SHEET NUMBER

TY001

SHEET OF



- ### ○ SHEET KEYED NOTES
- REMOVE EXISTING ACCESS CONTROL FROM DOOR AND PROVIDE NEW. REFER TO DOOR ACCESS CONTROL SCHEDULE FOR REQUIRED ACCESS CONTROL UPGRADES AND ADDITIONAL INFORMATION.
 - ANTICIPATED LOCATION OF WIRELESS GATEWAY CONTROLLER. VERIFY LOCATION WITH EQUIPMENT VENDOR'S FIELD SPECIFIC DESIGN. PROVIDE POE DEVICE. INCLUDE ALL ACCESSORIES REQUIRED FOR COMPLETE INSTALLATION.
 - ADD ALTERNATE #1 PRICING: PROVIDE POWER TO AUTOMATIC ADA DOOR OPENER PER EQUIPMENT REQUIREMENTS. PROVIDE PUSH BUTTON DEVICE BOXES WITH 1/2" CONDUIT AND CONTROL WIRING BETWEEN BUTTONS AND CONTROLLER PER EQUIPMENT REQUIREMENTS. INTERFACE DOOR WITH ACCESS CONTROL SYSTEM PER OWNER DIRECTION. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL DOOR UPGRADE REQUIREMENTS.
 - PROVIDE COMMUNICATIONS OUTLET FOR WIRELESS GATEWAY. ROUTE CABLE TO COMMUNICATIONS RACK OR BOARD AS INDICATED.
 - NOT USED.
 - TYPICAL NUMBERED DOOR NOT RECEIVING ACCESS CONTROL AS PART OF THIS PROJECT. SEE GENERAL NOTE #3 THIS SHEET FOR ADDITIONAL INFORMATION.
 - LOCATION OF EXISTING COMMUNICATIONS RACK (CR), BACKBOARD (TB), OR WALL-MOUNT(WM).
 - NEW OWNER FURNISHED POE SWITCH(ES) LOCATION. SEE GENERAL NOTE #2 IN EXISTING COMMUNICATIONS ROOM.
 - PROVIDE NEW WALL MOUNT RACK ON EXISTING WALL. RELOCATE EXISTING PATCH PANELS AND SWITCH TO RACK. INSTALL NEW PATCH PANELS AND/OR SWITCHES NOTED IN RACK.
 - INSTALLATIONS IN AREA TO MEET NEC CLASS III DIV 1 REQUIREMENTS.
 - INSTALLATIONS IN AREA TO BE CLASSIFIED WHERE REQUIRED BY NEC 516 FOR OPEN SPRAYING INCLUDING 5' RADIUS ADJACENT TO OPENINGS AS INDICATED.
 - PROVIDE WEATHERPROOF ACCESS GATEWAY MOUNTED ON EXTERIOR OF BUILDING WITH RANGE TO COVER MAINTENANCE SHOP DOORS. MAINTENANCE BUILDING EAST WALL IS 45' FROM CORNER INDICATED. SEE SHEET E103 FOR DOORS TO BE COVERED. PROVIDE 120V DEVICE (BASE PRICE) OR POE DEVICE (ALTERNATE PRICE). INCLUDE ALL ACCESSORIES REQUIRED FOR COMPLETE INSTALLATION.
 - LOCATION OF EXISTING EM ELECTRICAL PANEL.

- ### GENERAL SHEET NOTES
- PATCH, REPAIR, REFINISH, ETC. AND/OR PROVIDE METAL COVER PLATE FOR EXISTING DOORS WHEN NEW SECURITY HARDWARE DOES NOT COMPLETELY COVER DAMAGE TO DOORS FROM REMOVED HARDWARE. REPAIR METHODS SHALL MATCH EXISTING FINISHES AS SPECIFIED AND DETERMINED BY OWNER. REFER TO ARCHITECTURAL SPECIFICATIONS FOR ADDITIONAL INFORMATION.
 - PROJECT HAS ALLOCATED FUNDS TO OWNER TO PURCHASE AND INSTALL (1)48-PORT POE SWITCH IN EACH COMM ROOM NOTED. SYSTEM VENDORS SHALL VERIFY QUANTITY OF POE SWITCHES REQUIRED FOR THEIR INSTALLATION AND NOTE REQUIREMENTS IN THEIR PROPOSALS.
 - ACCESS CONTROL GATEWAY LAYOUT IS SCHEMATIC. SUCCESSFUL MANUFACTURER WILL BE REQUIRED TO PROVIDE SITE SPECIFIC LAYOUTS TO CONTRACTOR AFTER BID IS AWARDED.
 - CURRENT VENDOR ACCESS GATEWAY LAYOUTS SHALL ALLOW FOR FUTURE ACCESS CONTROL UPGRADES AT ALL NUMBERED DOORS TO BE ADDED TO THE SYSTEM PLUS 10% SPARE CAPACITY WITHOUT INSTALLING ADDITIONAL GATEWAYS.
 - CEILING TYPES INDICATED ARE BASED ON PARTIAL INVESTIGATION OF FACILITY AND SOME INFERENCES HAVE BEEN MADE. CONTRACTORS SHALL BE RESPONSIBLE TO VERIFY CEILING TYPES FOR ANTICIPATED CONDUIT PATHWAYS PRIOR TO BID.
 - CIRCUIT ROUTING SHOWN IS SCHEMATIC. VERIFY CIRCUIT PATHS WITH FIELD CONDITIONS.
 - EXISTING CONDITIONS SHOWN ARE ENGINEER'S ATTEMPT TO ASSIST BIDDERS IN ESTIMATING INSTALLATION COSTS FOR NEW SYSTEMS. PLAN IS NOT INTENDED TO BE ALL-INCLUSIVE. AND IT IS THE BIDDERS RESPONSIBILITY TO VERIFY EXISTING CONDITIONS PRIOR TO BIDDING.
 - EXISTING ITEMS TO BE REMOVED ARE INDICATED AS BOLD/DASHED. ITEMS TO REMAIN ARE SHOWN AS LIGHT/SOLID.
 - MAINTAIN CIRCUIT CONTINUITY FOR DEVICES DOWNSTREAM OF ITEMS TO BE REMOVED.
 - FIELD PAINT EXPOSED CONDUIT TO MATCH ADJACENT BUILDING SURFACES.
 - NEW WIRING DEVICES ON MASONRY WALLS IN FINISHED AREAS SHALL BE RAN ALONG CEILING LINE UNTIL LAST VERTICAL DROP SECTION DOWN WALL. VERTICAL DROP AND ANY REQUIRED HORIZONTAL RUNS ALONG MASONRY WALL SHALL BE IN SURFACE MOUNTED METAL RACEWAY PAINTED TO MATCH ADJACENT WALL SURFACE.
 - NEW DEVICES IN FRAMED WALLS SHALL FINISH FLUSH IN WALL.
 - NEW ACCESS CONTROL HARDWARE SHALL INCLUDE PROVISIONS FOR MANUAL RELEASE IN THE EVENT OF EQUIPMENT FAILURE. RELEASE MECHANISM SHALL BE ACCESSIBLE ONLY BY REMOVAL OF SECURED, TAMPER-RESISTANT COVERS.
 - CONTRACTOR SHALL INDIVIDUALLY BOX ALL REMOVED ACCESS CONTROL HARDWARE AND RETURN TO OWNER FOR MAINTENANCE SUPPLY.
 - NEW DOOR HARDWARE STYLE SHALL MATCH EXISTING STYLE UNLESS OTHERWISE NOTED. SEE ACCESS CONTROL SCHEDULE FOR ADDITIONAL INFORMATION.
 - CONTRACTOR AND ACCESS CONTROL/HARDWARE SUPPLIER SHALL VERIFY EXISTING HARDWARE (CRASH BARS, LATCHES, ETC.) COMPATIBILITY WITH NEW SYSTEM. CONTRACTOR SHALL BE RESPONSIBLE TO ADJUST OR REPLACE HARDWARE AS REQUIRED.
 - ACCESS CONTROL DESIGN CONCEPT SHOWN IN THESE DRAWINGS IS BASED ON WIRELESS HARDWARE INTERFACING WITH POE GATEWAYS. SUBSEQUENT TO DESIGN A DIFFERENT CONCEPT FOR GATEWAYS WAS ACCEPTED AS AN APPROVED METHOD. PRICING FOR ALTERNATE SYSTEM WITH DIFFERENT REQUIREMENTS SHALL INCLUDE ALL POWER COMMUNICATIONS, MOUNTING ACCESSORIES, ETC REQUIRED FOR SYSTEM TO BE FULLY OPERATIONAL AT PROJECT COMPLETION. INFRASTRUCTURE FOR COVERAGE OF ALL BUILDING DOORS SHALL COMPLY WITH GENERAL NOTE #3 ABOVE. POWER FOR ACCESS CONTROL EQUIPMENT (GATEWAYS, CONTROLLERS, ETC) SHALL BE FURNISHED FROM EMERGENCY PANELS. NEW 48-PORT CAT 6 PATCH PANELS SHALL BE PROVIDED AT EACH COMM ROOM REQUIRING NEW COMM CABLES.

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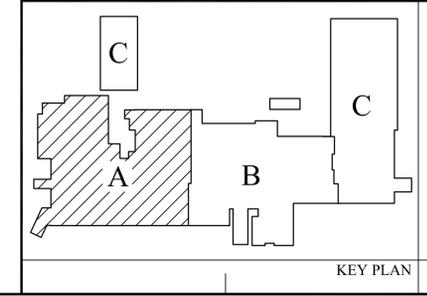
BATC - LOGAN CAMPUS ELECTRONIC ACCESS IMPROVEMENTS

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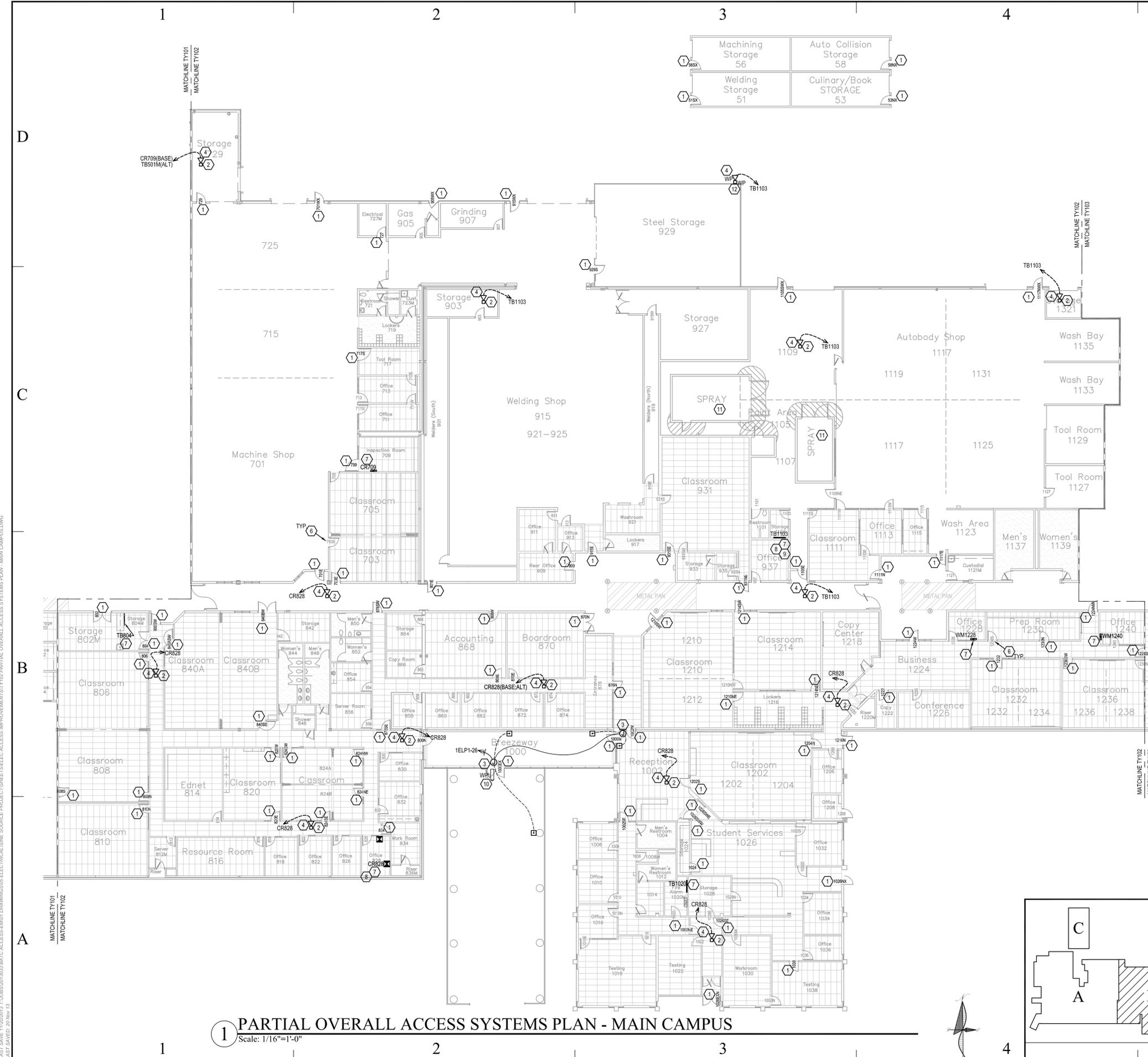
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ISSUE DATE: NOV. 22, 2013		
DFCM PROJECT NO: #13102210		
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SHEET TITLE	
PARTIAL OVERALL ACCESS SYSTEMS PLAN - MAIN CAMPUS	
SHEET NUMBER	
TY101	
SHEET	OF

1 PARTIAL OVERALL ACCESS SYSTEMS PLAN - MAIN CAMPUS
 Scale: 1/16"=1'-0"



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 LAST SAVED: 20 Nov 13



1 PARTIAL OVERALL ACCESS SYSTEMS PLAN - MAIN CAMPUS
 Scale: 1/16"=1'-0"

- ### SHEET KEYED NOTES
- REMOVE EXISTING ACCESS CONTROL FROM DOOR AND PROVIDE NEW. REFER TO DOOR ACCESS CONTROL SCHEDULE FOR REQUIRED ACCESS CONTROL UPGRADES AND ADDITIONAL INFORMATION.
 - ANTICIPATED LOCATION OF WIRELESS GATEWAY CONTROLLER. VERIFY LOCATION WITH EQUIPMENT VENDORS FIELD SPECIFIC DESIGN. PROVIDE POE DEVICE. INCLUDE ALL ACCESSORIES REQUIRED FOR COMPLETE INSTALLATION.
 - ADD ALTERNATE #1 PRICING: PROVIDE POWER TO AUTOMATIC ADA DOOR OPENER PER EQUIPMENT REQUIREMENTS. PROVIDE PUSH BUTTON DEVICE BOXES WITH 1/2" CONDUIT AND CONTROL WIRING BETWEEN BUTTONS AND CONTROLLER PER EQUIPMENT REQUIREMENTS. INTERFACE DOOR WITH ACCESS CONTROL SYSTEM PER OWNER DIRECTION. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL DOOR UPGRADE REQUIREMENTS.
 - PROVIDE COMMUNICATIONS OUTLET FOR WIRELESS GATEWAY. ROUTE CABLE TO COMMUNICATIONS RACK OR BOARD AS INDICATED.
 - NOT USED.
 - TYPICAL NUMBERED DOOR NOT RECEIVING ACCESS CONTROL AS PART OF THIS PROJECT. SEE GENERAL NOTE #3 THIS SHEET FOR ADDITIONAL INFORMATION.
 - LOCATION OF EXISTING COMMUNICATIONS RACK (CR), BACKBOARD (TB), OR WALL-MOUNT (WM).
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 - PROVIDE NEW WALL MOUNT RACK ON EXISTING WALL. RELOCATE EXISTING PATCH PANELS AND SWITCH TO RACK. INSTALL NEW PATCH PANELS AND/OR SWITCHES NOTED IN RACK.
 - DOOR BEING REPLACED FOR ADA - UPGRADE. REMOVE CCTV CAMERA FOR DOOR REPLACEMENT AND RE-INSTALL IN SAME LOCATION.
 - INSTALLATIONS IN AREA TO BE CLASSIFIED WHERE REQUIRED BY NEC 516 FOR OPEN SPRAYING INCLUDING 5' RADII ADJACENT TO OPENINGS AS INDICATED.
 - PROVIDE WEATHERPROOF ACCESS GATEWAY MOUNTED ON EXTERIOR OF BUILDING WITH RANGE TO COVER MAINTENANCE SHOP DOORS. MAINTENANCE BUILDING EAST WALL IS 45' FROM CORNER INDICATED. SEE SHEET E103 FOR DOORS TO BE COVERED. PROVIDE 120V DEVICE (BASE PRICE) OR POE DEVICE (ALTERNATE PRICE). INCLUDE ALL ACCESSORIES REQUIRED FOR COMPLETE INSTALLATION.

- ### GENERAL SHEET NOTES
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 - PROJECT HAS ALLOCATED FUNDS TO OWNER TO PURCHASE AND INSTALL (1448-PORT POE SWITCH IN EACH COMM ROOM NOTED. SYSTEM VENDORS SHALL VERIFY QUANTITY OF POE SWITCHES REQUIRED FOR THEIR INSTALLATION AND NOTE REQUIREMENTS IN THEIR PROPOSALS.
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 - CIRCUIT ROUTING SHOWN IS SCHEMATIC. VERIFY CIRCUIT PATHS WITH FIELD CONDITIONS.
 - EXISTING CONDITIONS SHOWN ARE ENGINEER'S ATTEMPT TO ASSIST BIDDERS IN ESTIMATING INSTALLATION COSTS FOR NEW SYSTEMS. PLAN IS NOT INTENDED TO BE ALL-INCLUSIVE, AND IT IS THE BIDDERS RESPONSIBILITY TO VERIFY EXISTING CONDITIONS PRIOR TO BIDDING.
 - EXISTING ITEMS TO BE REMOVED ARE INDICATED AS BOLD/DASHED. ITEMS TO REMAIN ARE SHOWN AS LIGHT/SOLID.
 - MAINTAIN CIRCUIT CONTINUITY FOR DEVICES DOWNSTREAM OF ITEMS TO BE REMOVED.
 - FIELD PAINT EXPOSED CONDUIT TO MATCH ADJACENT BUILDING SURFACES.
 - NEW WIRING DEVICES ON MASONRY WALLS IN FINISHED AREAS SHALL BE RAN ALONG CEILING LINE UNTIL LAST VERTICAL DROP SECTION DOWN WALL. VERTICAL DROP AND ANY REQUIRED HORIZONTAL RUNS ALONG MASONRY WALL SHALL BE IN SURFACE MOUNTED METAL RACEWAY PAINTED TO MATCH ADJACENT WALL SURFACE.
 - NEW DEVICES IN FRAMED WALLS SHALL FINISH FLUSH IN WALL.
 - NEW ACCESS CONTROL HARDWARE SHALL INCLUDE PROVISIONS FOR MANUAL RELEASE IN THE EVENT OF EQUIPMENT FAILURE. RELEASE MECHANISM SHALL BE ACCESSIBLE ONLY BY REMOVAL OF SECURED, TAMPER-RESISTANT COVERS.
 - CONTRACTOR SHALL INDIVIDUALLY BOX ALL REMOVED ACCESS CONTROL HARDWARE AND RETURN TO OWNER FOR MAINTENANCE SUPPLY.
 - NEW DOOR HARDWARE STYLE SHALL MATCH EXISTING STYLE UNLESS OTHERWISE NOTED. SEE ACCESS CONTROL SCHEDULE FOR ADDITIONAL INFORMATION.
 - CONTRACTOR AND ACCESS CONTROL/HARDWARE SUPPLIER SHALL VERIFY EXISTING HARDWARE (CRASH BARS, LATCHES, ETC.) COMPATIBILITY WITH NEW SYSTEM. CONTRACTOR SHALL BE RESPONSIBLE TO ADJUST OR REPLACE HARDWARE AS REQUIRED.
 - ACCESS CONTROL DESIGN CONCEPT SHOWN IN THESE DRAWINGS IS BASED ON WIRELESS HARDWARE INTERFACING WITH POE GATEWAYS. SUBSEQUENT TO DESIGN A DIFFERENT CONCEPT FOR GATEWAYS WAS ACCEPTED AS AN APPROVED METHOD. PRICING FOR ALTERNATE SYSTEM WITH DIFFERENT REQUIREMENTS SHALL INCLUDE ALL POWER, COMMUNICATIONS, MOUNTING ACCESSORIES, ETC. REQUIRED FOR SYSTEM TO BE FULLY OPERATIONAL AT PROJECT COMPLETION. INFRASTRUCTURE FOR COVERAGE OF ALL BUILDING DOORS SHALL COMPLY WITH GENERAL NOTE #3 ABOVE. POWER FOR ACCESS CONTROL EQUIPMENT (GATEWAYS, CONTROLLERS, ETC) SHALL BE FURNISHED FROM EMERGENCY PANELS. NEW 48-PORT CAT 6 PATCH PANELS SHALL BE PROVIDED AT EACH COMM ROOM REQUIRING NEW COMM CABLES.

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BATC - LOGAN CAMPUS ELECTRONIC ACCESS IMPROVEMENTS

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ISSUE TYPE:		BID DOCUMENTS

ISSUE DATE: NOV. 22, 2013

DFCM PROJECT NO: #13102210

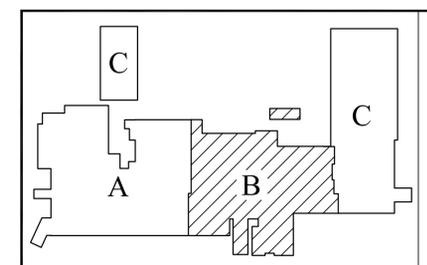
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SHEET TITLE
PARTIAL OVERALL ACCESS SYSTEMS PLAN - MAIN CAMPUS

SHEET NUMBER

TY102

SHEET OF



KEY PLAN

DFCM APPROVAL

GENERAL SHEET NOTES

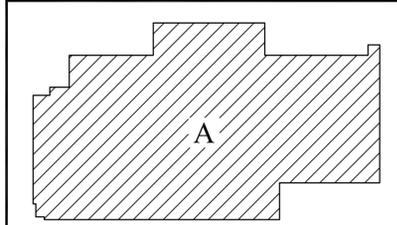
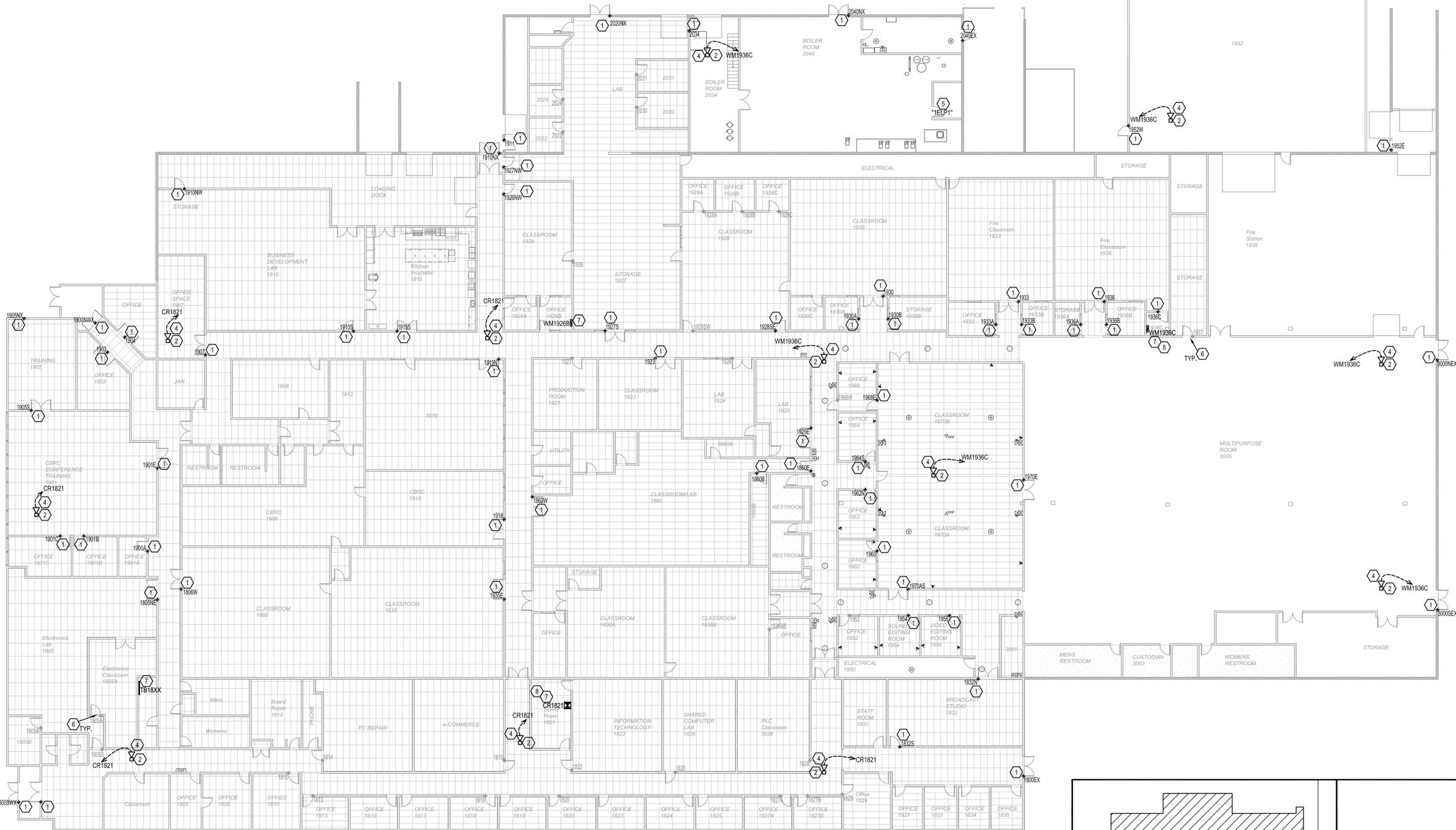
- PATCH, REPAIR, REFINISH, ETC. AND/OR PROVIDE METAL COVER PLATE FOR EXISTING DOORS WHEN NEW SECURITY HARDWARE DOES NOT COMPLETELY COVER DAMAGE TO DOORS FROM REMOVED HARDWARE. REPAIR METHODS SHALL MATCH EXISTING FINISHES AS SPECIFIED AND DETERMINED BY OWNER. REFER TO ARCHITECTURAL SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- PROJECT HAS ALLOCATED FUNDS TO OWNER TO PURCHASE AND INSTALL (1146-PORT POE SWITCH IN EACH COMM ROOM NOTED. SYSTEM VENDORS SHALL VERIFY QUANTITY OF POE SWITCHES REQUIRED FOR THEIR INSTALLATION AND NOTE REQUIREMENTS IN THEIR PROPOSALS.
- ACCESS CONTROL GATEWAY LAYOUT IS SCHEMATIC. SUCCESSFUL MANUFACTURER WILL BE REQUIRED TO PROVIDE SITE SPECIFIC LAYOUTS TO CONTRACTOR AFTER BID IS AWARDED.
- CURRENT VENDOR ACCESS GATEWAY LAYOUTS SHALL ALLOW FOR FUTURE ACCESS CONTROL UPGRADES AT ALL NUMBERED DOORS TO BE ADDED TO THE SYSTEM PLUS 10% SPARE CAPACITY WITHOUT INSTALLING ADDITIONAL GATEWAYS.
- CEILING TYPES INDICATED ARE BASED ON PARTIAL INVESTIGATION OF FACILITY AND SOME INFERENCES HAVE BEEN MADE. CONTRACTORS SHALL BE RESPONSIBLE TO VERIFY CEILING TYPES FOR ANTICIPATED CONDUIT PATHWAYS PRIOR TO BID.
- CIRCUIT ROUTING SHOWN IS SCHEMATIC. VERIFY CIRCUIT PATHS WITH FIELD CONDITIONS.
- EXISTING CONDITIONS SHOWN ARE ENGINEER'S ATTEMPT TO ASSIST BIDDERS IN ESTIMATING INSTALLATION COSTS FOR NEW SYSTEMS. PLAN IS NOT INTENDED TO BE ALL-INCLUSIVE, AND IT IS THE BIDDERS RESPONSIBILITY TO VERIFY EXISTING CONDITIONS PRIOR TO BIDDING.
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- NEW DEVICES IN FRAMED WALLS SHALL FINISH FLUSH IN WALL.
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- CONTRACTOR SHALL INDIVIDUALLY BOX ALL REMOVED ACCESS CONTROL HARDWARE AND RETURN TO OWNER FOR MAINTENANCE SUPPLY.
- NEW DOOR HARDWARE STYLE SHALL MATCH EXISTING STYLE UNLESS OTHERWISE NOTED. SEE ACCESS CONTROL SCHEDULE FOR ADDITIONAL INFORMATION.
- CONTRACTOR AND ACCESS CONTROL HARDWARE SUPPLIER SHALL VERIFY EXISTING HARDWARE (CRASH BARS, LATCHES, ETC.) COMPATIBILITY WITH NEW SYSTEM. CONTRACTOR SHALL BE RESPONSIBLE TO ADJUST OR REPLACE HARDWARE AS REQUIRED.
- ACCESS CONTROL DESIGN CONCEPT SHOWN IN THESE DRAWINGS IS BASED ON WIRELESS HARDWARE INTERFACING WITH POE GATEWAYS. SUBSEQUENT TO DESIGN A DIFFERENT CONCEPT FOR GATEWAYS WAS ACCEPTED AS AN APPROVED METHOD. PRICING FOR ALTERNATE SYSTEM WITH DIFFERENT REQUIREMENTS SHALL INCLUDE ALL POWER, COMMUNICATIONS, MOUNTING ACCESSORIES, ETC REQUIRED FOR SYSTEM TO BE FULLY OPERATIONAL AT PROJECT COMPLETION. INFRASTRUCTURE FOR COVERAGE OF ALL BUILDING DOORS SHALL COMPLY WITH GENERAL NOTE #3 ABOVE. POWER FOR ACCESS CONTROL EQUIPMENT (GATEWAYS, CONTROLLERS, ETC) SHALL BE FURNISHED FROM EMERGENCY PANELS. NEW 48-PORT CAT 6 PATCH PANELS SHALL BE PROVIDED AT EACH COMM ROOM REQUIRING NEW COMM CABLES.

SHEET KEYED NOTES

- REMOVE EXISTING ACCESS CONTROL FROM DOOR AND PROVIDE NEW. REFER TO DOOR ACCESS CONTROL SCHEDULE FOR REQUIRED ACCESS CONTROL UPGRADES AND ADDITIONAL INFORMATION.
- ANTICIPATED LOCATION OF WIRELESS GATEWAY CONTROLLER. VERIFY LOCATION WITH EQUIPMENT VENDOR'S FIELD SPECIFIC DESIGN. PROVIDE POE DEVICE. INCLUDE ALL ACCESSORIES REQUIRED FOR COMPLETE INSTALLATION.
- ADD ALTERNATE #1 PRICING: PROVIDE POWER TO AUTOMATIC ADA DOOR OPENER PER EQUIPMENT REQUIREMENTS. PROVIDE PUSH BUTTON DEVICE BOXES WITH 1/2" CONDUIT AND CONTROL WIRING BETWEEN BUTTONS AND CONTROLLER PER EQUIPMENT REQUIREMENTS. INTERFACE DOOR WITH ACCESS CONTROL SYSTEM PER OWNER DIRECTION. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL DOOR UPGRADES REQUIREMENTS.
- PROVIDE COMMUNICATIONS OUTLET FOR WIRELESS GATEWAY. ROUTE CABLE TO COMMUNICATIONS RACK OR BOARD AS INDICATED.
- LOCATION OF EXISTING EM ELECTRICAL PANEL.
- TYPICAL NUMBERED DOOR NOT RECEIVING ACCESS CONTROL AS PART OF THIS PROJECT. SEE GENERAL NOTE #3 THIS SHEET FOR ADDITIONAL INFORMATION.
- LOCATION OF EXISTING COMMUNICATIONS RACK (CR), BACKBOARD (TB), OR WALL-MOUNT(WM).
- NEW OWNER FURNISHED POE SWITCHES) LOCATION. SEE GENERAL NOTE #2 IN EXISTING COMMUNICATIONS ROOM.

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1 OVERALL ACCESS SYSTEMS PLAN - WEST CAMPUS
 Scale: 1/16"=1'-0"

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ISSUE DATE:	NOV. 22, 2013	
DFCM PROJECT NO:	#13102210	
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OVERALL ACCESS SYSTEMS PLAN - WEST CAMPUS
 SHEET NUMBER
TY104
 SHEET OF

LAST SAVE: 1/20/2013 7:00:55:00 PM T:\JOBS\2013\3033 BATC ACCESS-EM01 DRAWINGS\505 ELECTRICAL\SINE SOURCE PROJECTS\BATC ACCESS SYSTEMS PLAN - WEST CAMPUS.DWG
 LAST SAVED: 20 Nov 13

LAST SAVE: 1/14/2019 7:00:50:00 BATIC ACCESS-EM01 DRAWINGS05 ELECTRICALSINE SOURCE PROJECT(SHEET)7501 EXISTING DOOR HARDWARE.DWG
LAST SAVED: 14 Nov 13

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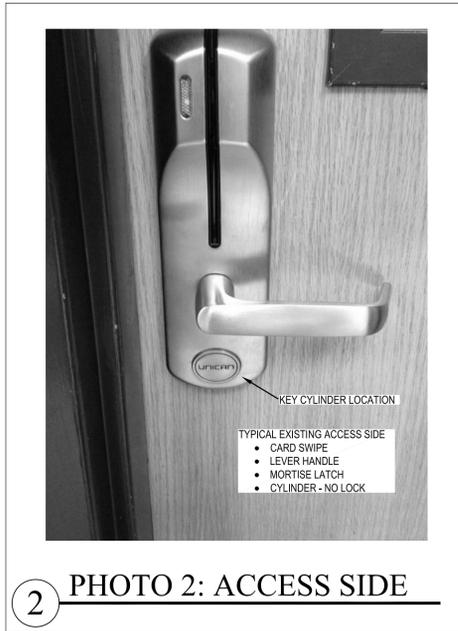
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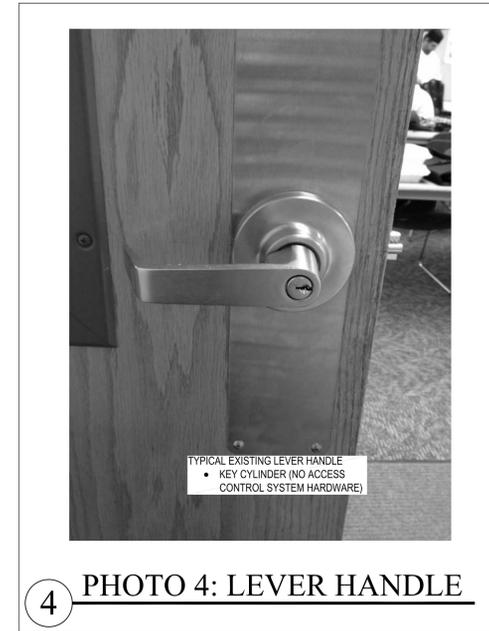
2 PHOTO 2: ACCESS SIDE



1 PHOTO 1: PROX READER



3 PHOTO 3: CONTROLLED SIDE



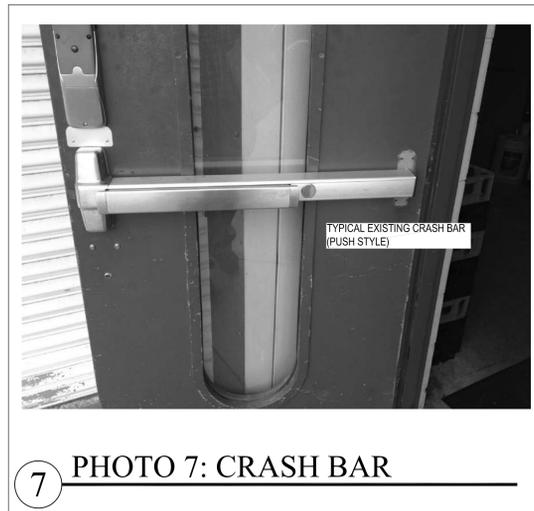
4 PHOTO 4: LEVER HANDLE



5 PHOTO 5: COVER PLATE



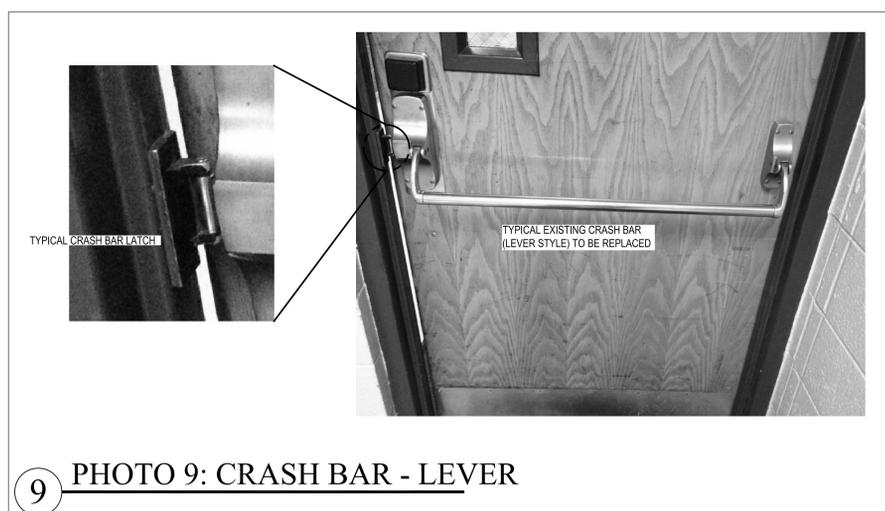
6 PHOTO 6: CARD SWIPE



7 PHOTO 7: CRASH BAR



8 PHOTO 8: CRASH BAR (MANU.)



9 PHOTO 9: CRASH BAR - LEVER

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DFCM PROJECT NO: #13102210		
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EXISTING INTEGRATED HARDWARE/ACCESS CONTROL REFERENCE		
SHEET NUMBER		
TY501		
SHEET		OF

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SHEET TITLE

EXISTING INTEGRATED HARDWARE/ACCESS CONTROL REFERENCE

SHEET NUMBER

TY501

SHEET OF

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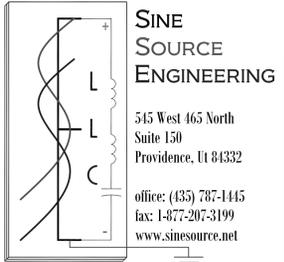
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SHEET TITLE

ACCESS CONTROL DOOR SCHEDULES

SHEET NUMBER

TY601

SHEET OF

ACCESS CONTROL/DOOR UPGRADE SCHEDULE NOTES

GENERAL

- CONTRACTOR AND ACCESS CONTROL SUPPLIER SHALL VERIFY EXISTING HARDWARE (LATCHES, CRASH BARS, ET) COMPATIBILITY WITH NEW HARDWARE. CONTRACTOR SHALL UPGRADE HARDWARE WHERE REQUIRED
- VERIFY HARDWARE COLOR WITH OWNER PRIOR TO FINAL RELEASE
- NEW ACCESS CONTROL HARDWARE SHALL INCLUDE TAMPER-RESISTANT, MANUAL RELEASE PROVISIONS ON ACCESS SIDE OF DOOR SO SECURITY CONTROL CAN BE OVERRIDDEN IN THE EVENT OF FAILURE
- BID PRIORITY INDICATES ORDERED PREFERENCE OF DOORS FOR UPGRADE. CONTRACTOR BID SHALL INCLUDE AS MANY DOORS AS POSSIBLE IN ORDER OF PRIORITY LISTED

NUMBERED

- REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL ADA UPGRADE ALTERNATE INFORMATION
- REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL DOOR, DOOR FRAME, TRIM, AND/OR WALL UPGRADE ALTERNATE INFORMATION
- REPLACE KNOB STYLE HARDWARE WITH LEVER STYLE TO MATCH OTHERS IN AREA
- REMOVE SECURITY LATCH AND INSTALL LATCH HARDWARE BETWEEN DOORS AS REQUIRED
- REMOVE ABANDONED POST WITH CARD SWIPE ALSO OUTSIDE DOOR. REMOVE ABANDONED ALARM
- GLASS DOOR WITH 3.5" FRAME. USE APPROPRIATE ACCESS CONTROL HARDWARE SO NO OVERLAP INTO GLASS

CONTROL/DOOR SCHEDULE ABBREVIATION KEY SCHEDULE

ACCESS CONTROL	DOOR HARDWARE ³	LATCHBOLT	DOOR MATERIAL
AK = KEYPAD	CL = CRASH BAR: LEVEL STYLE ¹	S = SURFACE	WD = WOOD
AP = CARD READER: PROXIMITY	CP = CRASH BAR: PUSH STYLE	C = CYLINDER	ML = METAL
APK = PROXIMITY WITH KEYPAD ²	CPA = CRASH BAR: PUSH STYLE: ALARMED	M = MORTISE	
AS = CARD READER: SWIPE	CPK = CRASH BAR: PUSH STYLE: KEYED	UD = UP/DOWN PIN TO FRAME AND/OR FLOOR	
N = NONE	KB = KNOB		
	KBK = KNOB-KEYED		
	KBL = KNOB WITH LOCKSET		
	LH = LEVER HANDLE		
	LHK = LEVER HANDLE-KEYED		
	LHL = LEVER HANDLE WITH LOCKSET		
	MH = MANUAL PUSH		
	ML = MANUAL PULL		
	N = NONE		
	UD = UP/DOWN PIN TO FRAME AND/OR FLOOR		

ACCESS CONTROL/DOOR UPGRADE SCHEDULE 4

WEST CAMPUS DOORS AS SHOWN ON SHEET TY104

SHEET	DOOR NUMBER	ACCESS CONTROL (REMO)	DOOR HARDWARE (ACCESS SIDE)	DOOR HARDWARE (CONTROLLED SIDE)	DOOR MATERIAL	ACCESS CONTROL (NEW)	DOOR LEAF (DOUBLE DOORS ONLY)	BID PRIORITY	NOTES
TY104	1800 EX	AS	LH	CL	ML	APK		1	
TY104	1800 SWX	N	ML	N	ML	N	LL	1	
TY104	1800 SWN	N	ML	N	ML	N	LL	1	6
TY104	1805 NE	AS	LH	LH	WD	APK		1	
TY104	1806 W	N	N	CP	WD	N	LL	1	
TY104	1832 N							4	
TY104	1832 S	AS	LH	LH	WD	APK		4	
TY104	1835 E	AS	LH	LH	WD	APK	LL	2	
TY104	1860 B	AS	LH	LH	WD	APK		1	
TY104	1860 E	AS	LH	LH	WD	APK		1	
TY104	1860 W	AS	LH	LH	WD	APK	LL	1	
TY104	1900 NWX	N	ML	CP	ML	N	LL	1	6
TY104	1901 A	AS	LH	CP	WD	APK		1	
TY104	1901 B	AS	LH	LH	WD	APK		1	
TY104	1901 C	AS	LH	LH	WD	APK		1	
TY104	1901 E	N	N	CP	WD	N	LL	1	
TY104	1903	AS	LH	CP	WD	APK	RL	1	
TY104	1903	AS	LH	LH	WD	APK		1	
TY104	1904	AS	LH	LH	WD	APK		1	
TY104	1905 NX	AS	LH	CP	ML	APK		1	
TY104	1905 S	N	N	UD	WD	N	LL	NA	
TY104	1907	N	N	N	ML	N	LL	1	
TY104	1910 NW	AS	LH	LH	WD	APK		1	
TY104	1910 NX	AS	LH	CP	ML	APK	LL	1	
TY104	1910 S	AS	LH	CP	WD	APK		1	
TY104	1911							4	
TY104	1915 S	N	N	UD	WD	N	LL	1	
TY104	1918	AS	LH	CP	WD	APK	RL	2	
TY104	1919 N	N	N	UD	WD	N	LL	2	
TY104	1923	AS	LH	CP	WD	APK	RL	3	
TY104	1924	AS	LH	LH	ML	APK	LL	3	
TY104	1925 E	AS	LH	LH	WD	APK	LL	3	
TY104	1926 NW	AS	LH	LH	WD	APK		2	
TY104	1927 NW	AS	LH	LH	WD	APK		1	
TY104	1927 S	N	N	UD	WD	N	LL	1	
TY104	1928 SE	N	N	UD	WD	N	LL	1	
TY104	1930							4	
TY104	1930 A							4	
TY104	1930 B							4	
TY104	1933	N	N	CP	WD	N	LL	2	
TY104	1933 A	AS	LH	CP	WD	APK	RL	2	
TY104	1933 B	AS	LH	LH	WD	APK		2	
TY104	1936 A	AS	LH	LH	WD	APK		2	
TY104	1936	N	N	CP	WD	N	LL	2	
TY104	1936 B	AS	LH	CP	WD	APK	RL	2	
TY104	1936 C	AS	LH	LH	ML	APK		2	
TY104	1936 E	N	LHK	LH	WD	APK		1	
TY104	1952 W	AS	LH	LH	ME	APK		1	
TY104	1954							4	
TY104	1956							4	
TY104	1960	N	LHK	LH	WD	APK		1	
TY104	1962 E	N	LHK	LH	WD	N	NA	1	
TY104	1964 E	N	LHK	LH	WD	N	NA	1	
TY104	1964 S	N	LHK	LH	WD	APK		1	
TY104	1968 E	N	LHK	LH	WD	APK		1	
TY104	1968 W	N	LHK	LH	WD	APK	NA	1	
TY104	1970 AS	N	N	CP	WD	N	LL	1	
TY104	1970 E	N	LHK	CP	WD	APK	RL	1	
TY104	1970 E	N	N	CP	WD	N	LL	1	
TY104	2020 NX	N	N	CP	ML	N	LL	1	
TY104	2040 NX	N	N	UD	ML	N	LL	1	
TY104	2034							4	
TY104	2040 EX	AS	LH	LH	ML	PRO		1	
TY104	3000 NEX	N	N	CPA	ML	N	LL	1	5
TY104	3000 SEX	AS	LH	CP	ML	APK	RL	1	
TY104	3000 SEX	N	N	CL	ML	N	LL	1	

NOTES

CONTRACTOR AND ACCESS CONTROL SUPPLIER SHALL VERIFY EXISTING HARDWARE (LATCHES, CRASH BARS, ET) COMPATIBILITY WITH NEW HARDWARE. CONTRACTOR SHALL UPGRADE HARDWARE WHERE REQUIRED

VERIFY HARDWARE COLOR WITH OWNER PRIOR TO FINAL RELEASE

NEW ACCESS CONTROL HARDWARE SHALL INCLUDE TAMPER-RESISTANT, MANUAL RELEASE PROVISIONS ON ACCESS SIDE OF DOOR SO SECURITY CONTROL CAN BE OVERRIDDEN IN THE EVENT OF FAILURE

ACCESS CONTROL/DOOR UPGRADE SCHEDULE 3

MAIN CAMPUS DOORS AS SHOWN ON SHEET TY103

SHEET	DOOR NUMBER	ACCESS CONTROL (REMO)	DOOR HARDWARE (ACCESS SIDE)	DOOR HARDWARE (CONTROLLED SIDE)	DOOR MATERIAL	ACCESS CONTROL (NEW)	DOOR LEAF (DOUBLE DOORS ONLY)	BID PRIORITY	NOTES
TY103	1242 NW	AS	LH	CP	WD	APK		1	
TY103	1242 SW	AS	LH	LH	WD	APK		NA	
TY103	1300 NEX	N	ML	CL	ML	N	LL	1	
TY103	1300 NEX2	N	MH	ML	ML	N	LL	1	
TY103	1300 NW							1	
TY103	1301 E	AS	LH	LH	WD	APK		1	
TY103	1303 E	AS	LH	CP	ML	APK		1	
TY103	1307 N	AS	LH	LH	WD	APK		1	
TY103	1311	AP	LHK	CP	WD	APK		2	
TY103	1323 X	AP	LHK	CP	WD	APK		1	
TY103	1343 E	AP	LHK	CP	WD	APK		1	
TY103	1345 E	AP	LHK	CP	WD	APK		1	
TY103	1345 N	AP	LH	LH	WD	APK		1	
TY103	1349 AME	AP	LHK	CP	WD	APK		1	
TY103	1349 ASE	AS	LHK	CP	WD	APK		1	
TY103	1349 BS	N	LH	LHL	WD	APK		1	
TY103	1349 BS	AP	LHK	CP	WD	APK		1	
TY103	1349 BS	AS	LH	LH	WD	APK		1	
TY103	1353 NWX	AS	LH	CL	ML	APK		1	
TY103	1402 NW	AS	LH	LH	WD	APK		1	
TY103	1402 W	AS	LH	LH	WD	APK		1	
TY103	1404	AS	LH	LH	WD	APK		2	
TY103	1406	AS	LH	LH	WD	APK		2	
TY103	1410	AS	LH	LH	WD	APK		2	
TY103	1414 W	AS	LH	LH	WD	APK		1	
TY103	1418	AS	LH	LH	WD	APK		2	
TY103	1420	N	LHK	LH	WD	APK		1	
TY103	1426 W	AS	LH	LH	WD	APK		1	
TY103	1500 NW	N	ML	MH	ML	N	LL	1	
TY103	1500 NX	N	ML	MH	ML	N	RL	1	
TY103	1500 NX	N	ML	CL	ML	N	LL	1	2
TY103	1503 NW	AS	LH	LH	WD	APK		1	
TY103	1503 SW							4	
TY103	1507	AS	LHK	LH	WD	APK	LL	2	
TY103	1509 N	N	N	N	CP	N	LL	1	
TY103	1509 SX	AS	LH	CP	ML	APK	RL	1	
TY103	1535 NWX	AS	LH	CL	ML	APK	NA	1	
TY103	1701	N	N	UD	WD	N	LL	1	3,4
TY103	1707 E	AS	LH	CL	WD	APK		1	
TY103	1707 NX	AS	LH	CL	ML	APK		1	
TY103	1707 SX	AS	LH	CL	ML	APK		1	2
TY103	1719 W							LL	5
TY103	1725	AS	LH	LH	WD	APK		2	
TY103	MS 11	AS	LH	LH	ML	APK		1	
TY103	MS 13	N	KBK	KBL	ML	APK		1	2,3
TY103	MS 19	AS	LH	LH	ML	APK		1	
TY103	MS 21	N	KBK	KBL	ML	APK		1	3
TBD	0051 SX	N	LHK	LH	ML	APK		1	
TBD	0053 NX	N	LHK	LH	ML	APK		1	
TBD	0056 SX	N	LHK	LH	ML	APK		1	
TBD	0058 NX	N	LHK	LH	ML	APK		1	

NOTES

CONTRACTOR AND ACCESS CONTROL SUPPLIER SHALL VERIFY EXISTING HARDWARE (LATCHES, CRASH BARS, ET) COMPATIBILITY WITH NEW HARDWARE. CONTRACTOR SHALL UPGRADE HARDWARE WHERE REQUIRED

VERIFY HARDWARE COLOR WITH OWNER PRIOR TO FINAL RELEASE

NEW ACCESS CONTROL HARDWARE SHALL INCLUDE TAMPER-RESISTANT, MANUAL RELEASE PROVISIONS ON ACCESS SIDE OF DOOR SO SECURITY CONTROL CAN BE OVERRIDDEN IN THE EVENT OF FAILURE

ACCESS CONTROL/DOOR UPGRADE SCHEDULE 2

MAIN CAMPUS DOORS AS SHOWN ON SHEET TY102

SHEET	DOOR NUMBER	ACCESS CONTROL (REMO)	DOOR HARDWARE (ACCESS SIDE)	DOOR HARDWARE (CONTROLLED SIDE)	DOOR MATERIAL	ACCESS CONTROL (NEW)	DOOR LEAF (DOUBLE DOORS ONLY)	BID PRIORITY	NOTES
TY102	0701 E	AS	LH	CP	WD	APK		1	
TY102	0701 WX	AK	LHK	CP	ML	APK		1	2
TY102	0703 E	AS	LH	LH	WD	APK		1	
TY102	0709	AK	LHK	LH	ML	APK		2	
TY102	0717 S							4	
TY102	0727 M							4	
TY102	0729	AS	LH	LH	ML	APK		2	
TY102	0800 N	AS	LH	CL	ML	APK		1	
TY102	0800 SW	AS	LH	CP	WD	APK		1	
TY102	0802	N	N	N	WD	N	LL	1	
TY102	0804	AS	LH	LH	WD	APK	LL	1	
TY102	0806	N	N	N	N	N	RL	1	
TY102	0806	AS	LH	LH	WD	APK		1	
TY102	0808 N	AS	LH	LH	WD	APK		1	
TY102	0808 S	N	LH	LH	WD	N	NA	1	
TY102	0810 N	AS	LH	LH	WD	APK		1	
TY102	0820 E	AS	LH	LH	WD	APK		1	
TY102	0820 W	AS	LH	LH	WD	APK		1	
TY102	0824 NE	AS	LH	LH	WD	APK		1	
TY102	0824 NW	AS	LH	LH	WD	APK		1	
TY102	0824 SE	AS	LH	LH	WD	APK		1	
TY102	0824 SW	AS	LH	LH	WD	APK		1	
TY102	0834	AK	LHK	LH	WD	APK		3	
TY102	0840 ASW	AS	LH	CP	WD	APK		1	