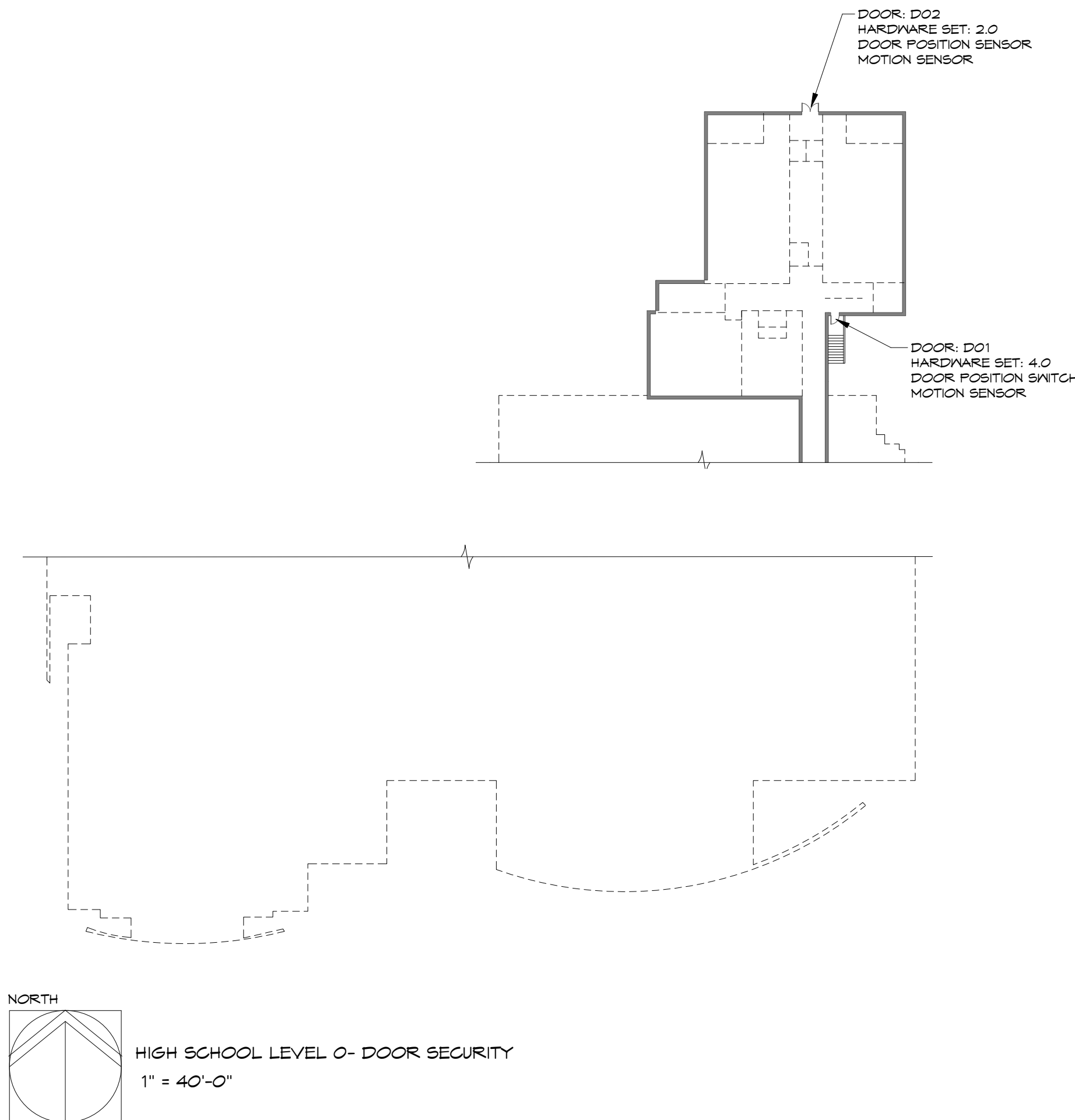
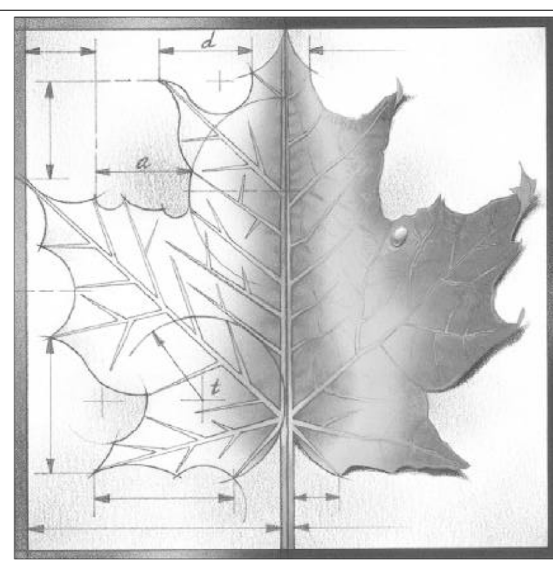
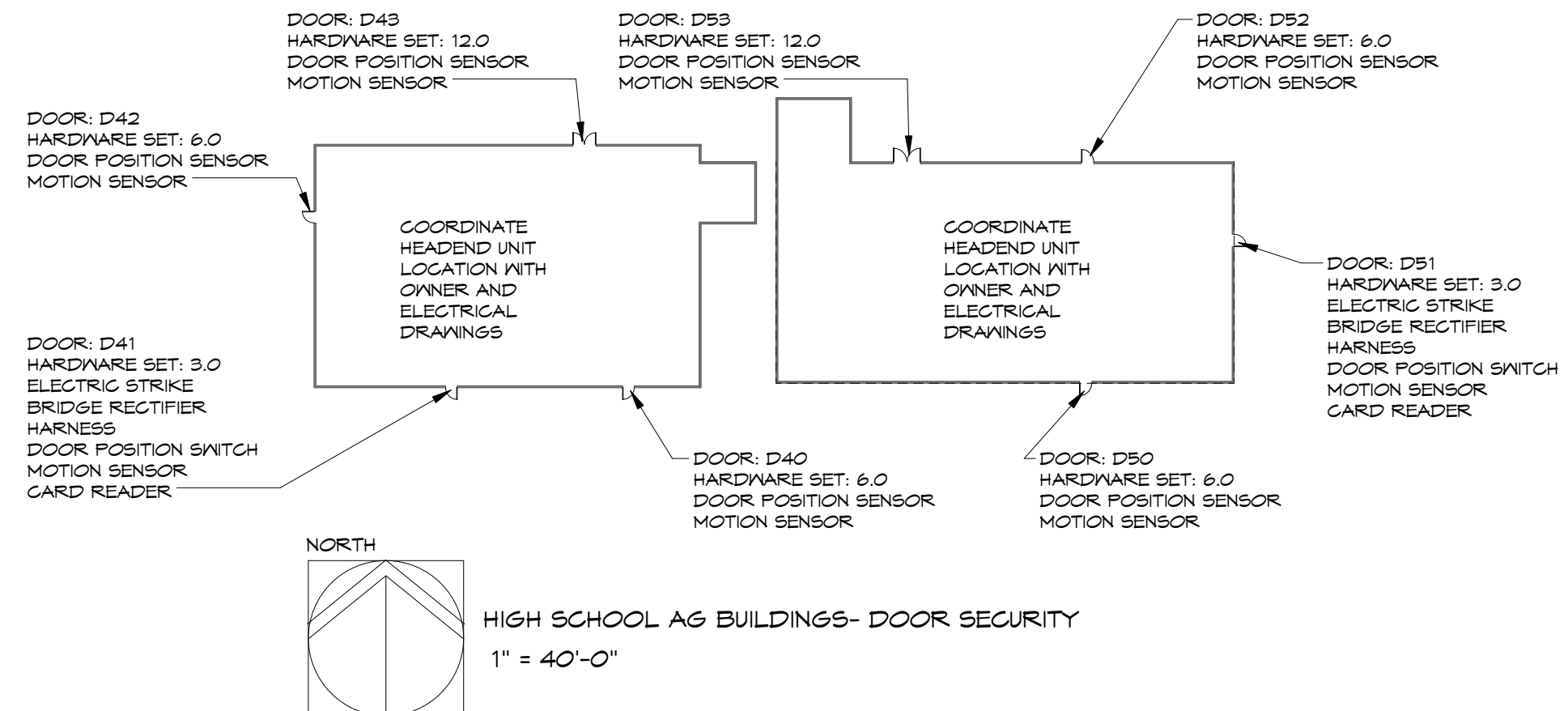
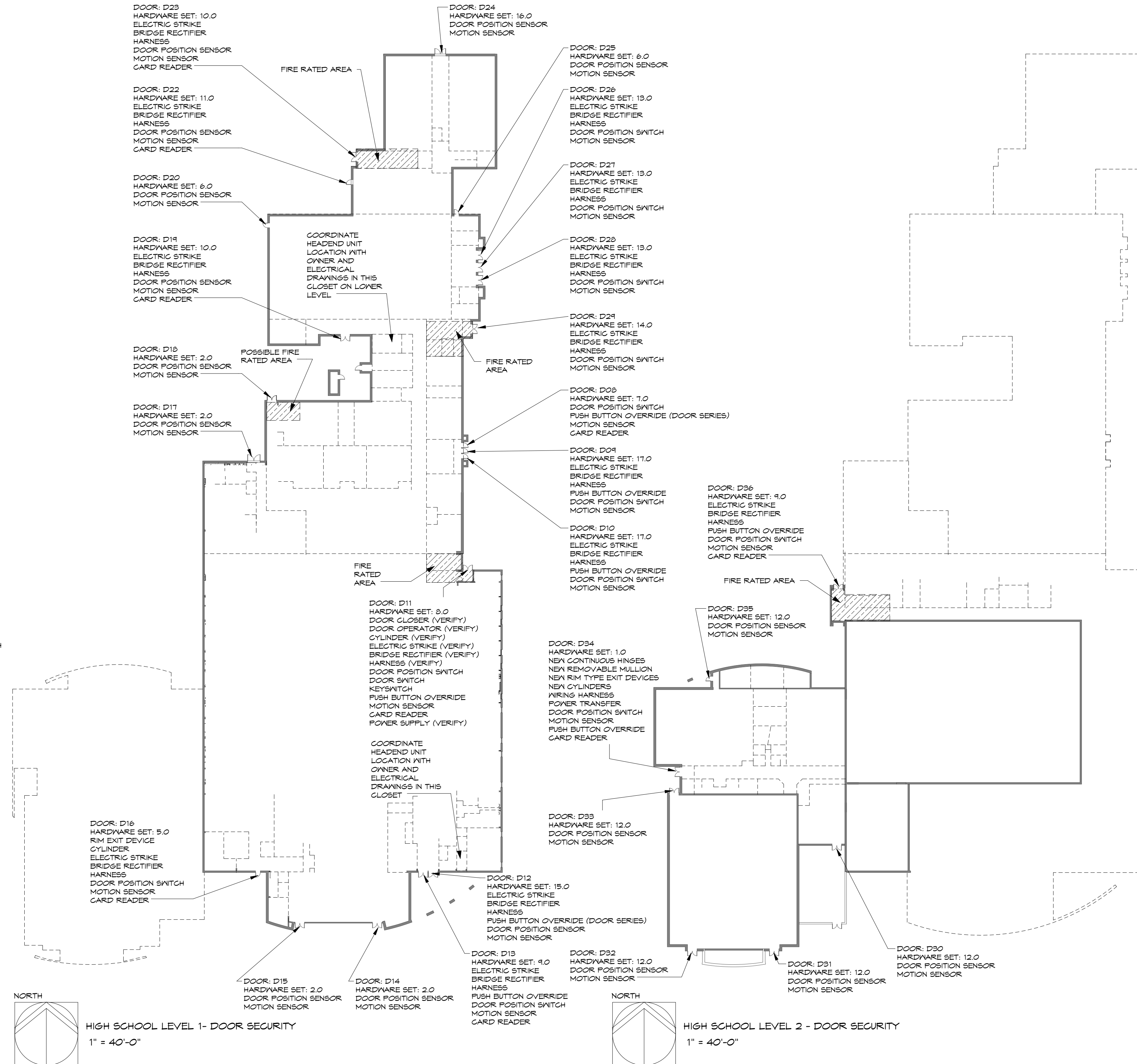


DOOR HARDWARE											
DOOR NUMBER	DESCRIPTION	HARDWARE SET	KEY CARD READER	WIRELESS READER	CAMERA AND ADMIN RELEASE	SCHEDULED OPENING	EVENT SWITCH- SPORTS	EVENT SWITCH- PERFORMANCE	EVENT SWITCH- MEETING	IPS OR LATCH MONITOR	TEMPING DEVICE
D01	NORTH EAST CORRIDOR	4.0	No	No	No	No	No	No	No	Yes	No
D02	SCIENCE WING- NORTH LOWER LEVEL	2.0	No	No	No	No	No	No	No	Yes	No
D03	MAIN ENTRANCE LOBBY- RIGHT	7.0	Yes	No	Yes	Yes	No	No	Yes	Yes	No
D04	MAIN ENTRANCE LOBBY- CENTER	17.0	No	No	No	Yes	No	No	Yes	Yes	No
D10	MAIN ENTRANCE LOBBY- LEFT	17.0	No	No	No	Yes	No	No	Yes	Yes	No
D11	MAIN ENTRANCE ADA ENTRANCE	9.0	Yes	Yes	No	No	No	No	Yes	Yes	No
D12	SOUTH ENTRANCE COMMONS ENTRANCE- RIGHT	15.0	No	No	No	Yes	Yes	No	No	Yes	No
D13	SOUTH ENTRANCE COMMONS ENTRANCE- LEFT	9.0	Yes	No	No	Yes	Yes	No	No	Yes	No
D14	COMMONS/CAFETERIA- EAST	2.0	No	No	No	No	No	No	No	Yes	No
D15	COMMONS/CAFETERIA- WEST	2.0	No	No	No	No	No	No	No	Yes	No
D16	KITCHEN	5.0	Yes	No	No	No	No	No	No	Yes	Yes
D17/13B	LOCKER ROOM	2.0/1.0	No	No	No	No	No	No	No	Yes	No
D18	CORRIDOR/STAIR	2.0	No	No	No	No	No	No	No	Yes	No
D19	AUDITORIUM SOUTH CORRIDOR	10.0	Yes	No	No	Yes	No	Yes	No	Yes	No
D20	AUDITORIUM STAGE	6.0	No	No	No	No	No	No	No	Yes	No
D22	TECHNOLOGY CENTER	11.0	Yes	No	No	No	No	No	No	Yes	No
D23	NORTHWEST ENTRANCE	10.0	Yes	No	No	No	No	No	No	Yes	No
D24	SCIENCE WING- NORTH UPPER DOOR	16.0	No	No	No	No	No	No	No	Yes	No
D25	AUDITORIUM NORTH STAIR	6.0	No	No	No	No	No	No	No	Yes	No
D26	AUDITORIUM ENTRANCE- RIGHT	13.0	No	No	No	Yes	No	Yes	No	Yes	No
D27	AUDITORIUM ENTRANCE- MIDDLE	13.0	No	No	No	Yes	No	Yes	No	Yes	No
D28	AUDITORIUM ENTRANCE- LEFT	13.0	No	No	No	Yes	No	Yes	No	Yes	No
D29	AUDITORIUM ADA ENTRANCE	14.0	No	No	No	Yes	No	Yes	No	Yes	No
D30	MECHANICAL ROOM ENTRANCE	12.0	No	No	No	No	No	No	No	Yes	No
D31	UPPER GYM- SOUTHEAST	12.0	No	No	No	No	No	No	No	Yes	No
D32	UPPER GYM- SOUTHWEST	12.0	No	No	No	No	No	No	No	Yes	No
D33	UPPER GYM- NORTHWEST	12.0	No	No	No	No	No	No	No	Yes	No
D34	FACULTY PARKING LOT ENTRANCE	1.0	Yes	No	Yes	Yes	Yes	No	No	Yes	No
D35	BAND ROOM	12.0	No	No	No	No	No	No	No	Yes	No
D36	WEST STUDENT ENTRANCE	4.0	Yes	No	Yes	Yes	Yes	No	No	Yes	No
D40	AS BUILDING - SOUTHEAST	6.0	No	No	No	No	No	No	No	Yes	No
D41	AS BUILDING - SOUTHWEST MAIN DOOR	9.0	Yes	No	No	No	No	No	No	Yes	No
D42	AS BUILDING - WEST	6.0	No	No	No	No	No	No	No	Yes	No
D43	AS BUILDING - NORTH	12.0	No	No	No	No	No	No	No	Yes	No
D50A	WOOD SHOP- SOUTH	3.0	No	No	No	No	No	No	No	Yes	No
D51A	WOOD SHOP- CLASSROOM- EAST	6.0	Yes	No	No	Yes	No	No	No	Yes	No
D52	WOOD SHOP- NORTH	6.0	No	No	No	No	No	No	No	Yes	No
D53	WOOD SHOP- NORTHWEST	12.0	No	No	No	No	No	No	No	Yes	No



GENERAL NOTE: ALL PENETRATIONS IN RATED WALLS MUST MEET AN U.L. APPROVED DESIGN. NOTIFY OWNER AND ARCHITECT IF A WALL CONDITION APPEARS TO BE RATED THAT IS NOT MARKED AS SUCH ON THESE PLANS.



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REV	DESC	DATE

Project Number: **16036**
Date: **4/16/18**

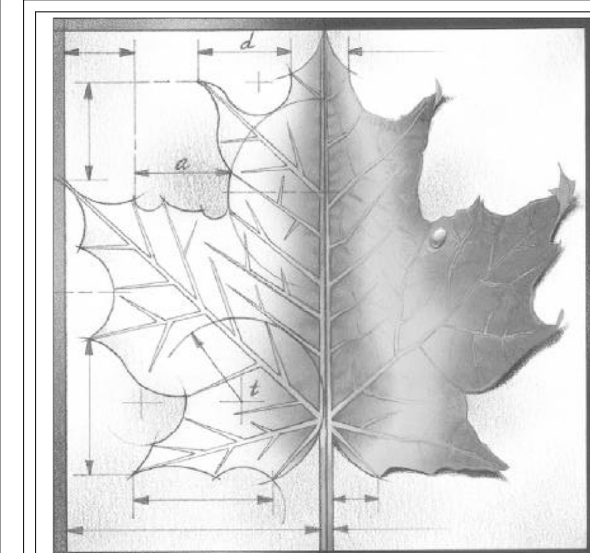
Project Name:
USD 320 WAMEGO DOOR SECURITY

Project Address:
WAMEGO, KS 66547

Sheet Title:
DOOR SECURITY PLANS

Sheet:
DS101

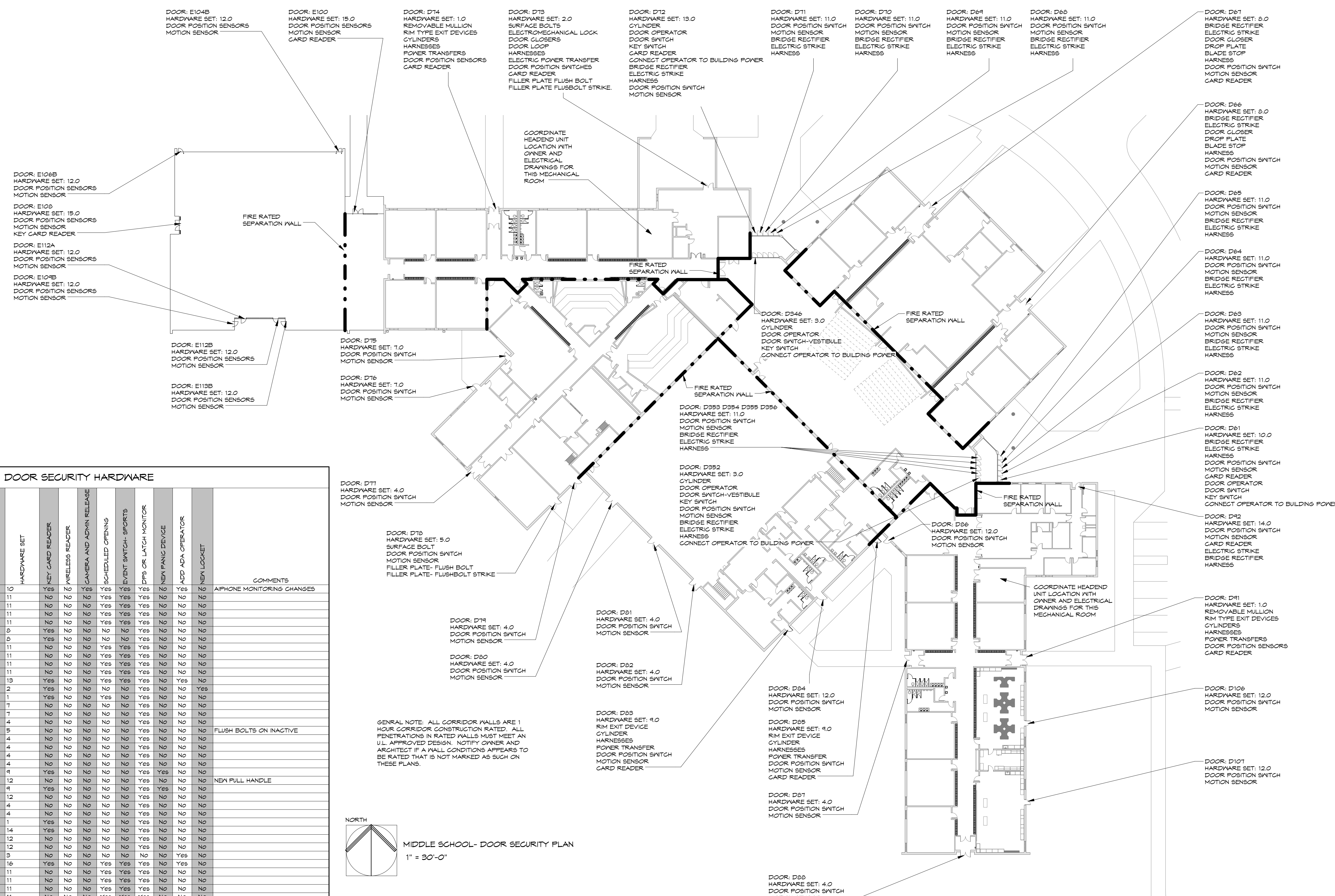
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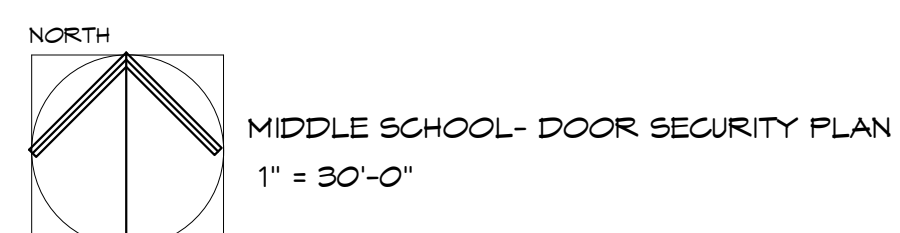
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DOOR SECURITY HARDWARE

DOOR NUMBER	DESCRIPTION	HARDWARE SET	KEY CARD READER	WIRELESS READER	CAMERA AND ADMIN RELEASE	SCHEDULED OPENING	EVENT SWITCH-SPORTS	DOOR OR LATCH MONITOR	NEW FANS DEVICE	ADD ADA OPERATOR	NEW LOCKET	COMMENTS
D61	EAST MAIN ENTRANCE- 1	10	Yes	Yes	Yes	Yes	Yes	No	Yes	No	No	APHONE MONITORING CHANGES
D62	EAST MAIN ENTRANCE- 2	11	No	No	No	Yes	Yes	No	No	No	No	
D63	EAST MAIN ENTRANCE- 3	11	No	No	No	Yes	Yes	Yes	No	No	No	
D64	EAST MAIN ENTRANCE- 4	11	No	No	No	Yes	Yes	Yes	No	No	No	
D65	EAST MAIN ENTRANCE- 5	11	No	No	No	Yes	Yes	Yes	No	No	No	
D66	LIBRARY DOOR- EAST	8	Yes	No	No	No	No	Yes	No	No	No	
D67	LIBRARY DOOR- NORTH	8	Yes	No	No	No	No	Yes	No	No	No	
D68	NORTH ENTRANCE- 1	11	No	No	No	Yes	Yes	Yes	No	No	No	
D70	NORTH ENTRANCE- 2	11	No	No	No	Yes	Yes	Yes	No	No	No	
D72	NORTH ENTRANCE- 3	11	No	No	No	Yes	Yes	Yes	No	No	No	
D71	NORTH ENTRANCE- 4	11	No	No	No	Yes	Yes	Yes	No	No	No	
D73	NORTH ENTRANCE- 5	13	Yes	No	No	Yes	Yes	Yes	No	Yes	No	
D73	MECHANICAL/SERVICE/FOOD DELIVERY	2	Yes	No	No	No	No	Yes	No	No	Yes	
D74	NORTH CORRIDOR	1	Yes	No	No	Yes	No	Yes	No	No	No	
D75	CLASSROOM DOOR	7	No	No	No	No	No	Yes	No	No	No	
D76	CLASSROOM DOOR	7	No	No	No	No	No	Yes	No	No	No	
D77	SOUTHWEST CORRIDOR	4	No	No	No	No	No	Yes	No	No	No	
D78	MECHANICAL ROOM	5	No	No	No	No	No	Yes	No	No	No	FLUSH BOLTS ON INACTIVE
D79	WOOD SHOP	4	No	No	No	No	No	Yes	No	No	No	
D80	GYM DOOR - 1	4	No	No	No	No	No	Yes	No	No	No	
D81	GYM DOOR - 2	4	No	No	No	No	No	Yes	No	No	No	
D82	GYM DOOR - 3	4	No	No	No	No	No	Yes	No	No	No	
D83	MENS LOCKER	9	Yes	No	No	No	Yes	Yes	No	No	No	
D84	LAUNDRY	12	No	No	No	No	No	Yes	No	No	No	NEW PULL HANDLE
D85	WOMENS LOCKER	9	Yes	No	No	No	No	Yes	No	No	No	
D86	SPECIAL EDUCATION	12	No	No	No	No	No	Yes	No	No	No	
D87	WEST CORRIDOR D-WING	4	No	No	No	No	No	Yes	No	No	No	
D88	SOUTH CORRIDOR D-WING	4	No	No	No	No	No	Yes	No	No	No	
D91	EAST CORRIDOR D-WING	1	Yes	No	No	No	No	Yes	No	No	No	
D92	ADMINISTRATION	14	Yes	No	No	No	No	Yes	No	No	No	
D106	SCIENCE	12	No	No	No	No	No	Yes	No	No	No	SCIENCE ADDITION DOORS
D107	SCIENCE	12	No	No	No	No	No	Yes	No	No	No	SCIENCE ADDITION DOORS
D346	VESTIBULE	9	No	No	No	No	No	No	Yes	No	No	
D352	EAST MAIN ENTRANCE- 1	16	Yes	No	No	Yes	Yes	Yes	No	Yes	No	
D353	EAST MAIN ENTRANCE- 1	11	No	No	No	Yes	Yes	Yes	No	No	No	
D354	EAST MAIN ENTRANCE- 1	11	No	No	No	Yes	Yes	Yes	No	No	No	
D355	EAST MAIN ENTRANCE- 1	11	No	No	No	Yes	Yes	Yes	No	No	No	
D356	EAST MAIN ENTRANCE- 1	11	No	No	No	Yes	Yes	Yes	No	No	No	
E100	SCIENCE WING VESTIBULE	15	Yes	No	No	Yes	No	Yes	No	No	No	SCIENCE ADDITION DOORS
E104B	SCIENCE CLASSROOM	12	No	No	No	No	No	Yes	No	No	No	SCIENCE ADDITION DOORS
E106B	SCIENCE CLASSROOM	12	No	No	No	No	No	Yes	No	No	No	SCIENCE ADDITION DOORS
E109	WEST EGRESS VESTIBULE	15	Yes	No	No	No	No	Yes	No	No	No	SCIENCE ADDITION DOORS
E104B	SCIENCE CLASSROOM	12	No	No	No	No	No	Yes	No	No	No	SCIENCE ADDITION DOORS
E112A	SCIENCE WING COMMONS	12	No	No	No	No	No	Yes	No	No	No	SCIENCE ADDITION DOORS
E112B	SCIENCE WING COMMONS	12	No	No	No	No	No	Yes	No	No	No	SCIENCE ADDITION DOORS
E119B	SCIENCE CLASSROOM	12	No	No	No	No	No	Yes	No	No	No	SCIENCE ADDITION DOORS

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MIDDLE SCHOOL- DOOR SECURITY PLAN
1" = 30'-0"

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REV	DESC	DATE

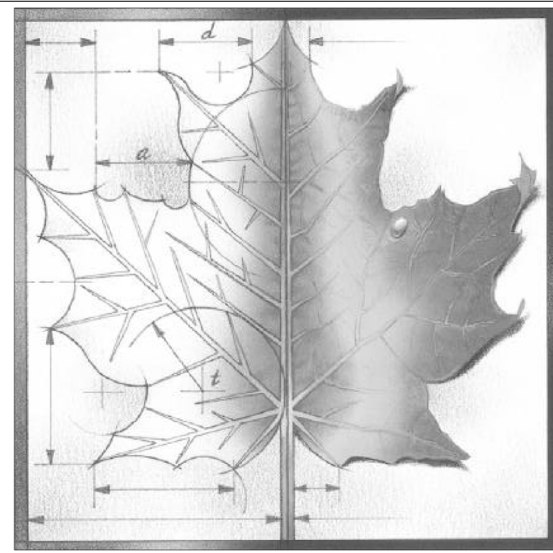
Project Number: **16036**
Date: **4/16/18**

Project Name:
USD 320 WAMEGO DOOR SECURITY
Project Address:
WAMEGO, KS 66547

Sheet Title:
DOOR SECURITY PLAN

Sheet:
DS102

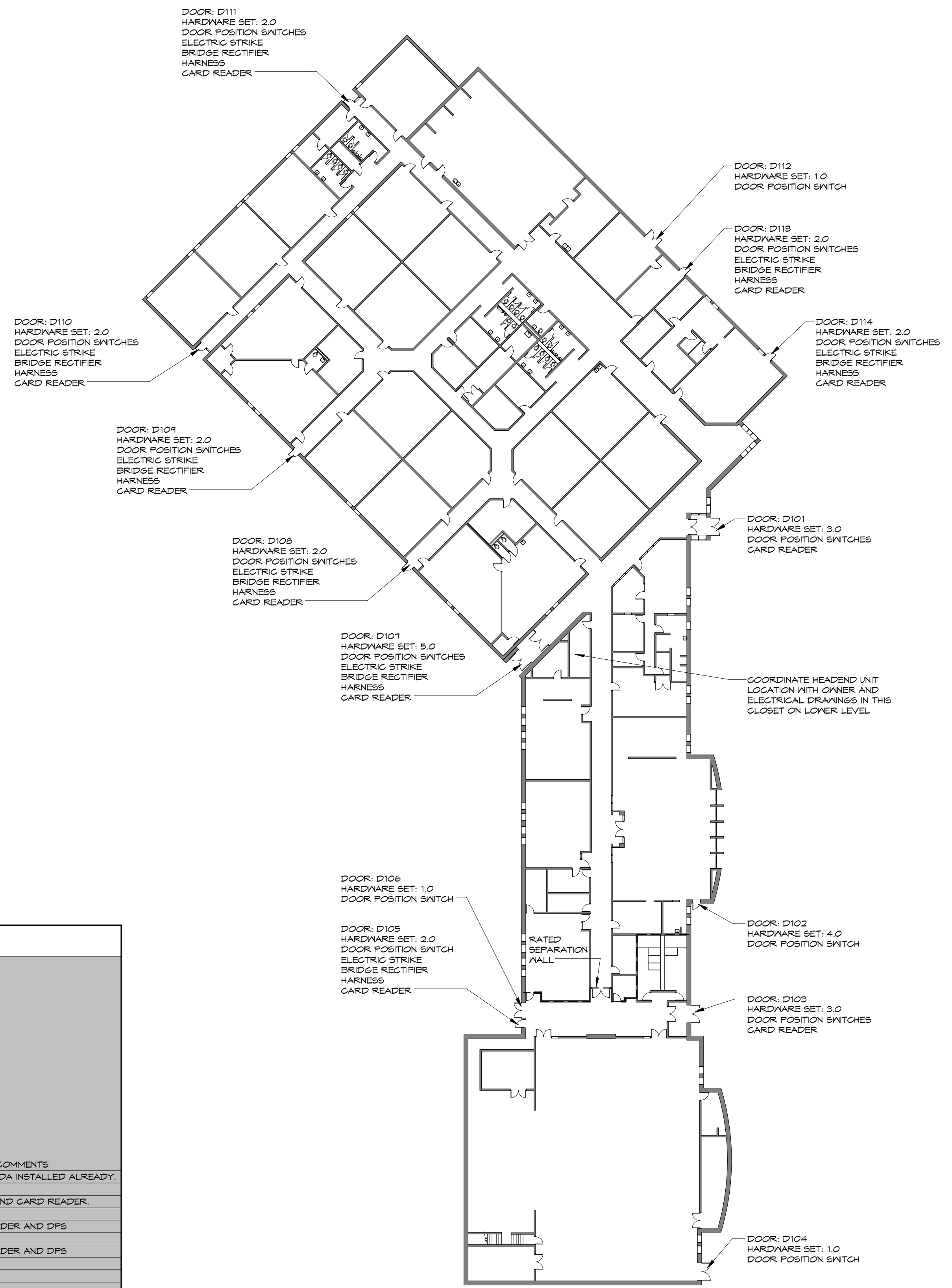
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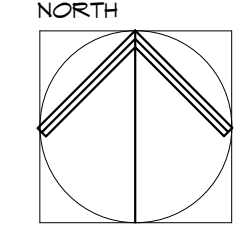
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DOOR SECURITY HARDWARE											
DOOR NUMBER	DESCRIPTION	HARDWARE SET	KEY CARD READER	CAMERA AND ADMIN RELEASE	CAMERA AND SWITCH CURRENTLY INSTALLED	SCHEDULED OPENING	EVENT SWITCH- SPORTS	DPS OR LATCH MONITOR	NEW PANIC DEVICE	ADA OPERATOR ALREADY INSTALLED	COMMENTS
D101	MAIN ENTRANCE	3	Yes	No	Yes	Yes	No	Yes	No	Yes	CAMERA AND ADA INSTALLED ALREADY.
D102	LIBRARY	4	No	No	No	No	Yes	No	No	No	
D103	GYMNASIUM ENTRANCE	3	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	ADD CAMERA AND CARD READER.
D104	GYMNASIUM	1	No	No	No	No	Yes	No	No	No	
D105	CORRIDOR RIGHT DOOR	2	Yes	No	No	No	Yes	No	No	No	ADD CARD READER AND DPS
D106	CORRIDOR LEFT DOOR	1	No	No	No	No	Yes	No	No	No	
D107	CORRIDOR	5	Yes	No	No	No	Yes	No	Yes	No	ADD CARD READER AND DPS
D108	CORRIDOR	2	Yes	No	No	No	No	Yes	No	No	
D104	CORRIDOR	2	Yes	No	No	No	No	Yes	No	No	
D110	CORRIDOR	2	Yes	No	No	No	No	Yes	No	No	
D111	CORRIDOR	2	Yes	No	No	No	Yes	Yes	No	No	PANIC DEVICE NEEDS UPDATED
D112	MECHANICAL	1	No	No	No	No	No	Yes	No	No	
D113	MECHANICAL/FOOD DELIVERY	2	Yes	Yes	No	No	No	Yes	No	No	ADD CARD READER, CAMERA, DPS
D114	CLASSROOM	2	Yes	No	No	No	No	Yes	No	No	ADD CARD READER AND DPS



WEST ELEMENTARY- DOOR SECURITY PLAN
1" = 30'-0"

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REV	DESC	DATE

Project Number: **16036**

Date: **4/17/17**

Project Name:

USD 320 WAMEGO
DOOR SECURITY

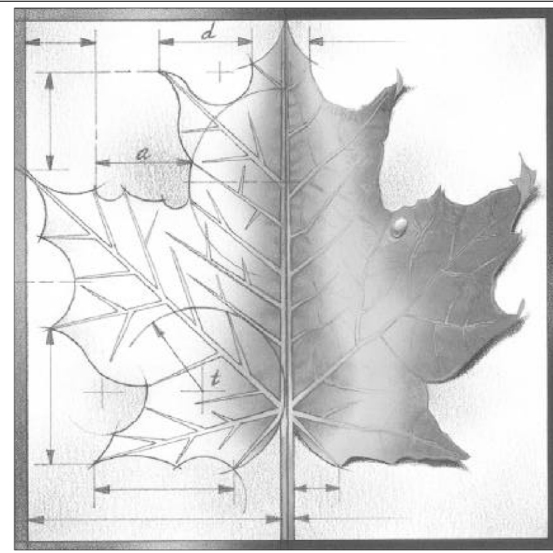
Project Address:
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Sheet Title:

DOOR SECURITY PLAN

Sheet: **DS103**

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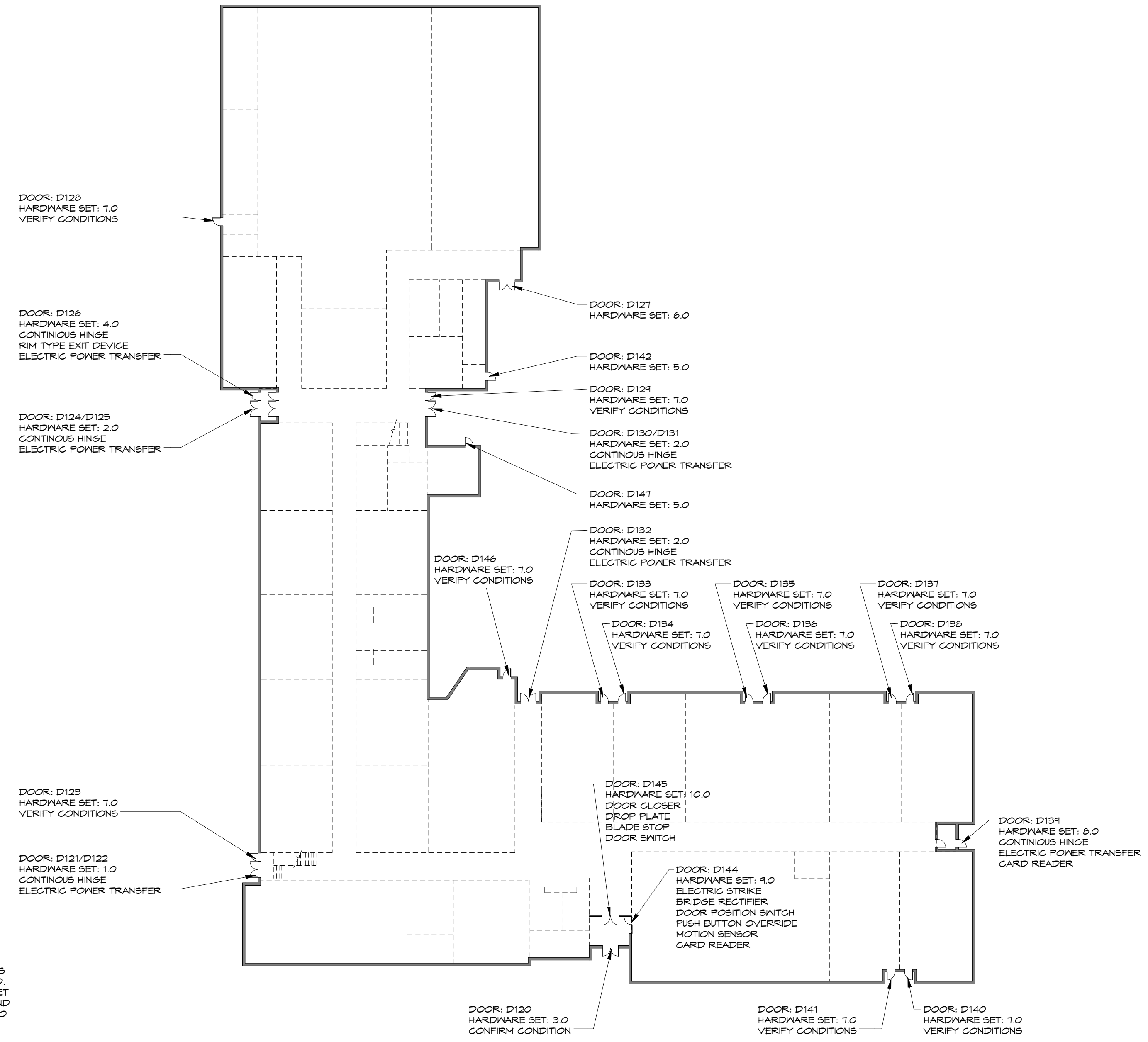
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DOOR SECURITY HARDWARE														
DOOR NUMBER	DESCRIPTION	HARDWARE SET	KEY CARD READER	KEY CARD READER ALREADY PROVIDED	CAMERA AND SWITCH ALREADY PROVIDED	SCHEDULED OPENING	EVENT SWITCH- SPORTS	DPS OR LATCH MONITOR	DPS ALREADY PROVIDED	NEW PANIC DEVICE	ADA OPERATOR ALREADY PROVIDED	NEW LOCKET	HARDWARE ISSUES	COMMENTS
D120	MAIN ENTRANCE	3	No	Yes	Yes	Yes	No	No	Yes	No	Yes	No	No	NO HARDWARE CHANGES
D121	CORRIDOR RIGHT	1	No	Yes	No	No	No	No	Yes	No	No	No	No	NO HARDWARE CHANGES
D122	CORRIDOR CENTER	1	No	No	No	No	No	No	Yes	No	No	No	No	NO HARDWARE CHANGES
D123	CORRIDOR LEFT	1	No	No	No	No	No	No	No	No	No	No	No	NO HARDWARE CHANGES
D124	GYM ENTRANCE RIGHT	2	No	No	No	No	No	No	Yes	No	No	No	Yes	REPAIR/REPLACE HARDWARE, REMOVE HOLD OPEN FUNCTION
D125	GYM ENTRANCE CENTER	2	No	No	No	No	No	No	Yes	No	No	No	Yes	REPAIR/REPLACE HARDWARE, REMOVE HOLD OPEN FUNCTION
D126	GYM ENTRANCE LEFT	4	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	REPAIR/REPLACE HARDWARE, REMOVE HOLD OPEN FUNCTION
D127	EVENT SPACE	6	No	No	No	No	No	No	Yes	No	No	No	Yes	REPAIR/REPLACE HARDWARE, REMOVE HOLD OPEN FUNCTION
D128	GYM EXIT	11	No	No	No	No	No	Yes	No	No	No	No	No	ADD DPS TO DOOR
D129	CORRIDOR RIGHT	7	No	Yes	No	No	No	No	Yes	No	No	No	No	NO HARDWARE CHANGES
D130	CORRIDOR CENTER	2	No	No	No	No	No	No	Yes	No	No	No	No	NO HARDWARE CHANGES
D131	CORRIDOR LEFT	2	No	No	No	No	No	No	Yes	No	No	No	No	NO HARDWARE CHANGES
D132	CORRIDOR	2	No	Yes	Yes	No	No	No	Yes	No	No	No	No	NO HARDWARE CHANGE- NEEDS RECONFIGURED
D133	CLASSROOM	7	No	No	No	No	No	No	Yes	No	No	No	No	NO HARDWARE CHANGES
D134	CLASSROOM	7	No	No	No	No	No	No	Yes	No	No	No	No	NO HARDWARE CHANGES
D135	CLASSROOM	7	No	No	No	No	No	No	Yes	No	No	No	No	NO HARDWARE CHANGES
D136	CLASSROOM	7	No	No	No	No	No	No	Yes	No	No	No	No	NO HARDWARE CHANGES
D137	CLASSROOM	7	No	No	No	No	No	No	Yes	No	No	No	No	NO HARDWARE CHANGES
D138	CLASSROOM	7	No	No	No	No	No	No	Yes	No	No	No	No	NO HARDWARE CHANGES
D139	CORRIDOR	9	Yes	No	Yes	No	No	Yes	No	No	No	No	No	DPS PROVIDED - KEY CARD NEEDS ADDED
D140	CLASSROOM	7	No	No	No	No	No	No	Yes	No	No	No	No	NO HARDWARE CHANGES
D141	CLASSROOM	7	No	No	No	No	No	No	Yes	No	No	No	No	NO HARDWARE CHANGES
D142	MECHANICAL	5	No	No	No	No	No	No	No	No	No	No	No	NO HARDWARE CHANGES
D144	VESTIBULE TO OFFICE DOOR	4	Yes	No	No	No	No	Yes	No	No	No	Yes	No	ADD OFFICE RELEASE STRIKE AND LOCKSET
D145	VESTIBULE TO HALLWAY	10	Yes	No	Yes	No	No	No	No	No	Yes	No	Yes	LATCHING AND CLOSER ISSUES
D146	CLASSROOM	7	No	No	No	No	No	No	Yes	No	No	No	No	NO HARDWARE CHANGES
D147	MECHANICAL	5	No	No	No	No	No	No	No	No	No	No	No	NO HARDWARE CHANGES

- NOTES:
- S2 NETBOX INSTALLED IN SCHOOL WITH WEB ACCESS THROUGH IP ADDRESS. SYSTEM SHOULD BE UPGRADED IF CONTINUING WITH S2 SYSTEM, IF LEVEL IS SELECTED, NEM HEADEND EQUIPMENT INTERGRATION AND SOFTWARE WILL NEED TO BE PROVIDED FOR THIS LOCATION.
 - S2 NETBOX TO THE USER IS NOT AS INTUITIVE AND FRIENDLY, OR TRAINING WAS NOT PROPERLY DONE. PROVIDE PROPER TRAINING WITH NEM S2 OR LEVEL SOLUTION.
 - SECURITY SYSTEM CONSULTANT SHOULD VISIT THIS SCHOOL TO SEE THEIR CURRENT INTEGRATION WITH MAKE SURE THE LATEST SOFTWARE UPDATE AND GUI IS INSTALLED.
 - ALL EXTERIOR DOORS REQUIRING DOOR POSITION SWITCHES ARE INSTALLED AND CAN BE MONITORED. NORMAL EXITING DOORS HAVE REQUEST TO EXIT INSTALLED BY MOTION SENSOR ABOVE DOOR.
 - KEY CARD (FOB) READERS ARE INSTALLED AT ALL ENTRANCE DOORS CORRECTLY.
 - INTERIOR OFFICE DOOR WOULD LIKE TO HAVE ANOTHER LAYER OF SECURITY ACCESS TO "BUZZ" PEOPLE INTO THE OFFICE DUE TO POOR CAMERA VISIBILITY AT TIMES.
 - SECONDARY ENTRY DOORS NEED ONLY THE ADA OPERATED DOOR TO UNLOCK WHEN INTERIOR BUTTON IS PUSHED TO OPERATED ADA DOOR. ALL DOORS CURRENTLY DISENGAGE AND IS NOT CORRECT.
 - ALL STOREFRONTS EXCEPT THE MAIN FRONT DOORS UTILIZE A RIBBON WIRE TRANSFER THAT CONTINUOUSLY HAS ISSUES WITH WEAKENED CONNECTIONS.
 - MULTIPLE CLOSERS AND HOLD-OPEN DEVICES NEED TO BE CHANGED OUT IN THE PROJECT.
 - SOME TOP/BOTTOM LATCHING PANIC EXIT DEVICES ARE NOT ENGAGING CORRECTLY WHEN DOORS DO NOT SHUT.
 - SECURITY SYSTEM CONSULTANT SHOULD INTERVIEW STAFF ALONG WITH ARCHITECT AND DISTRICT FACILITIES DIRECTOR ABOUT CONTINUED USE OF S2 PLATFORM AND DETERMINE IF THE CONTINUED USE OF THIS TYPE SHOULD BE UTILIZED AT ALL SCHOOLS.

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NORTH
CENTRAL ELEMENTARY- DOOR SECURITY PLAN
1" = 30'-0"

REV	DESC	DATE
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Project Number: 16036

Date: 4/17/17

Project Name:

USD 320 WAMEGO DOOR SECURITY

Project Address: WAMEGO, KS 66547

DOOR SECURITY PLAN

Sheet: DS104

OF:

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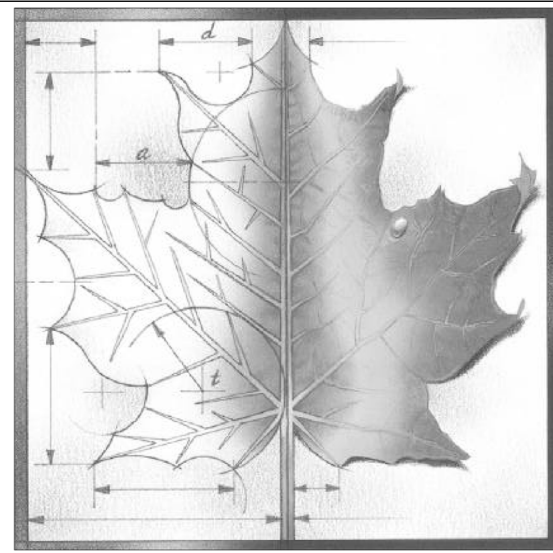
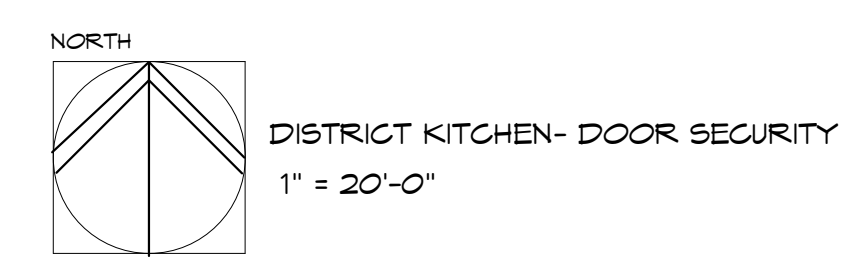
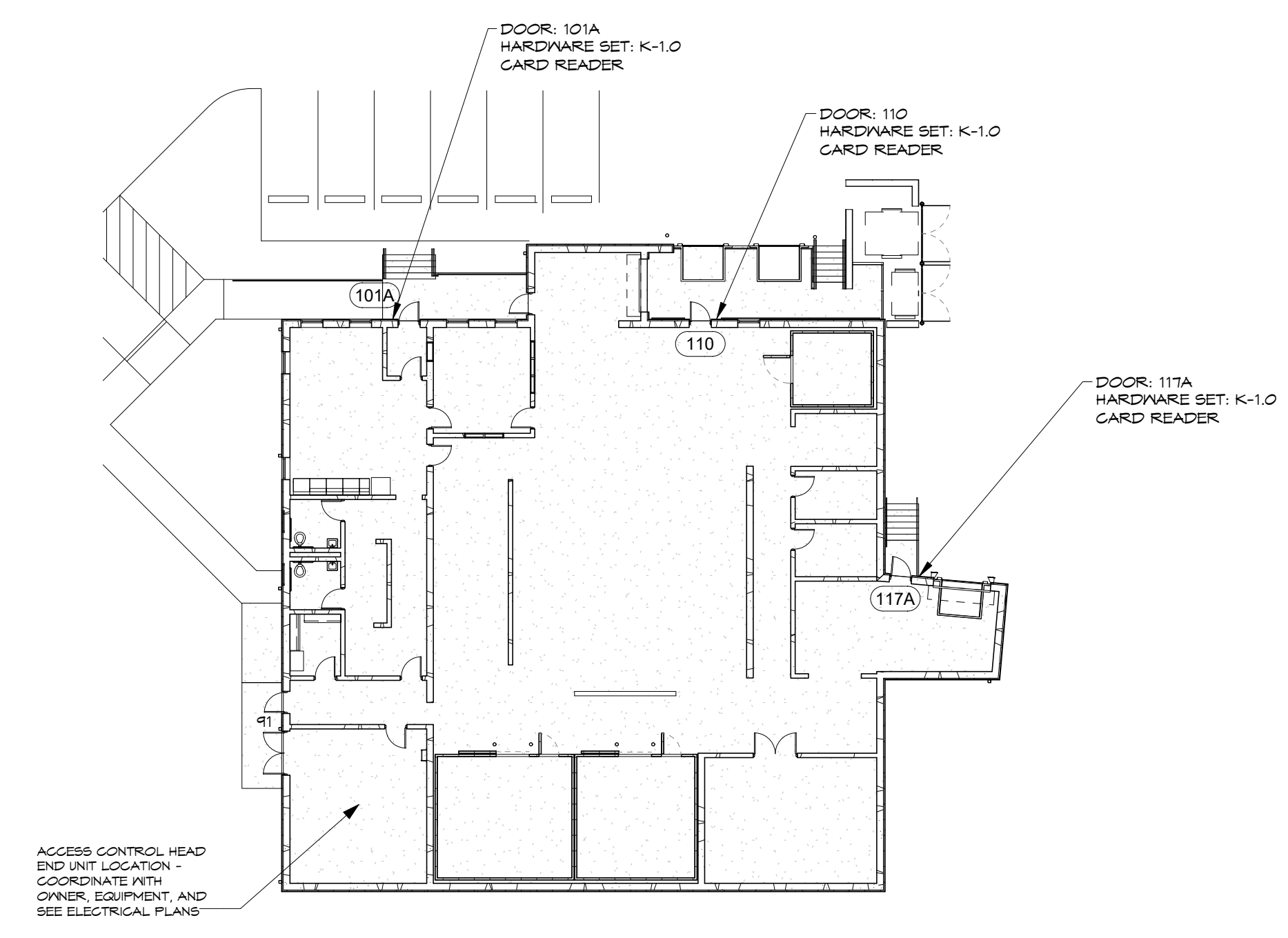
4

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2

1

DOOR HARDWARE			
DOOR NUMBER	DESCRIPTION	HARDWARE SET	KEY CARD READER
101A	ENTRANCE DOOR	K-1.0	YES
110	TRANSPORT DOCK DELIVERY DOOR	K-1.0	YES
117A	DELIVERY DOOR	K-1.0	YES



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1	CR-9 BUMPER RAILS	10/25/17
REV	DESC	DATE

Project Number: **16036**
 Date: **7/7/17**

Project Name:
**USD 320 WAMEGO
 DOOR SECURITY**

Project Address:
WAMEGO, KS 66547

Sheet Title:
**DOOR
 SECURITY
 PLAN**

Sheet:
DS105
 OF

GENERAL ELECTRICAL NOTES

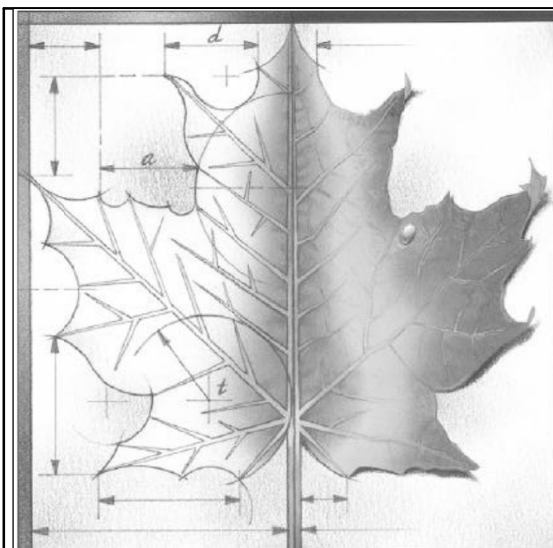
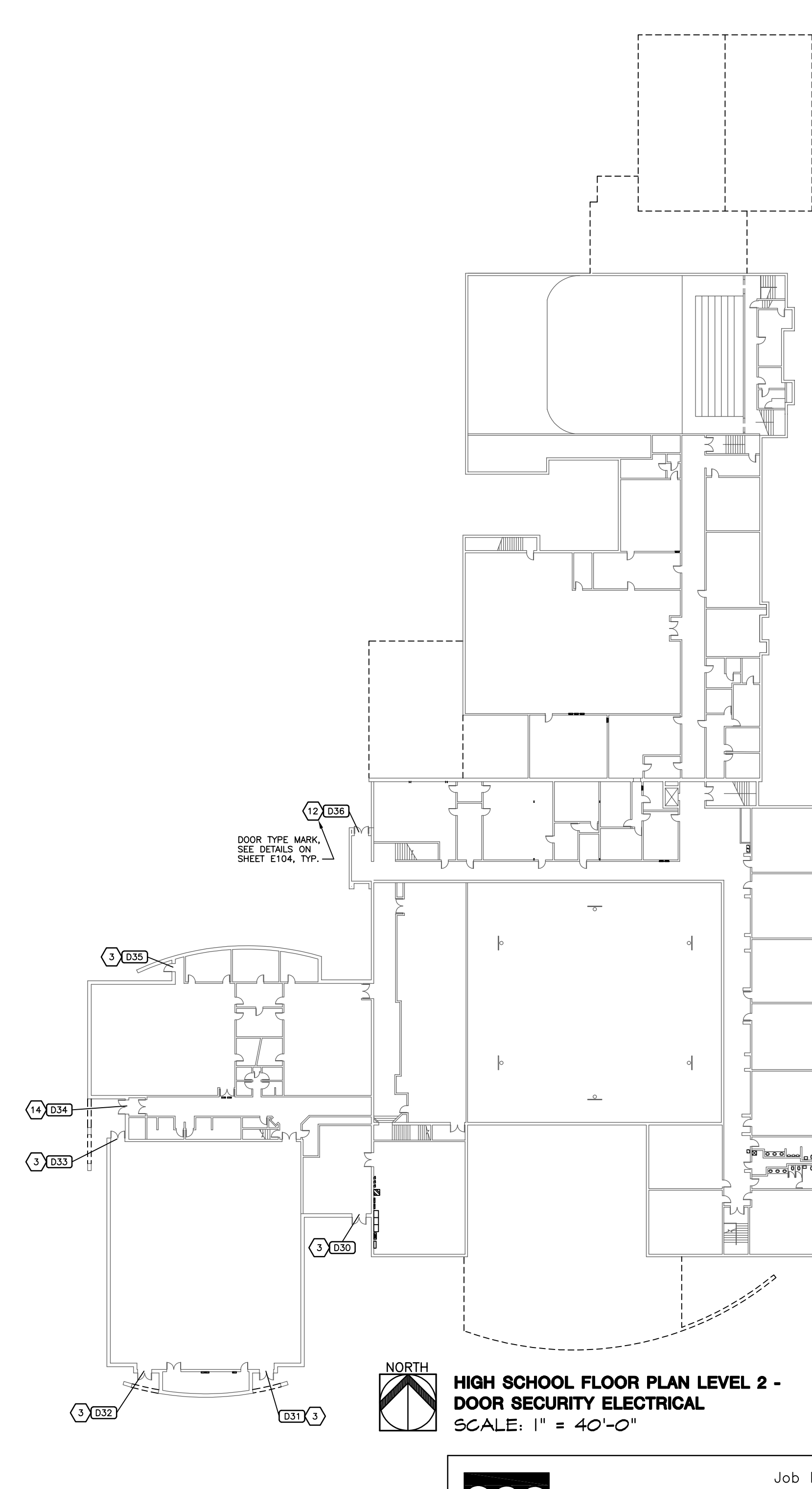
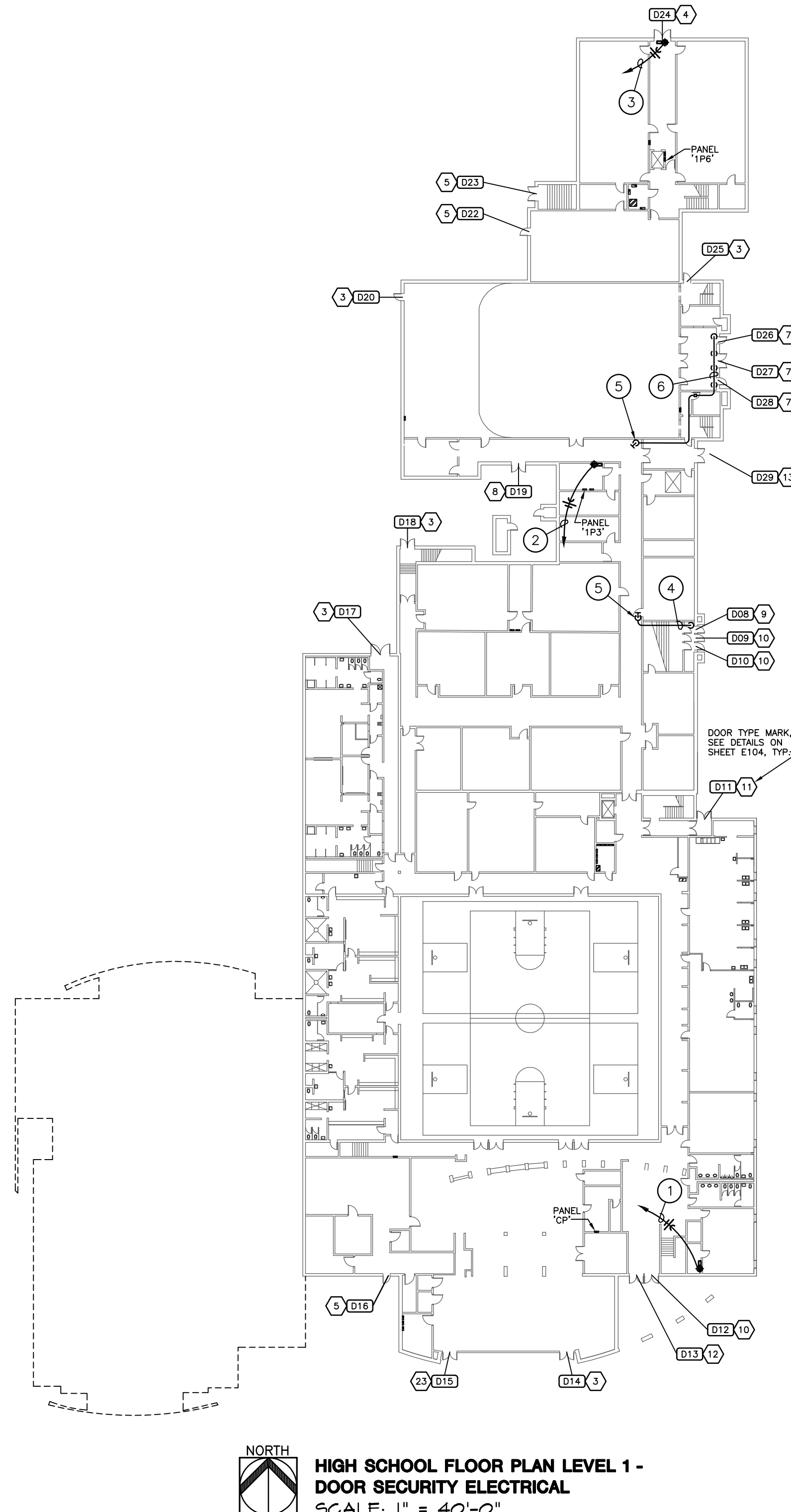
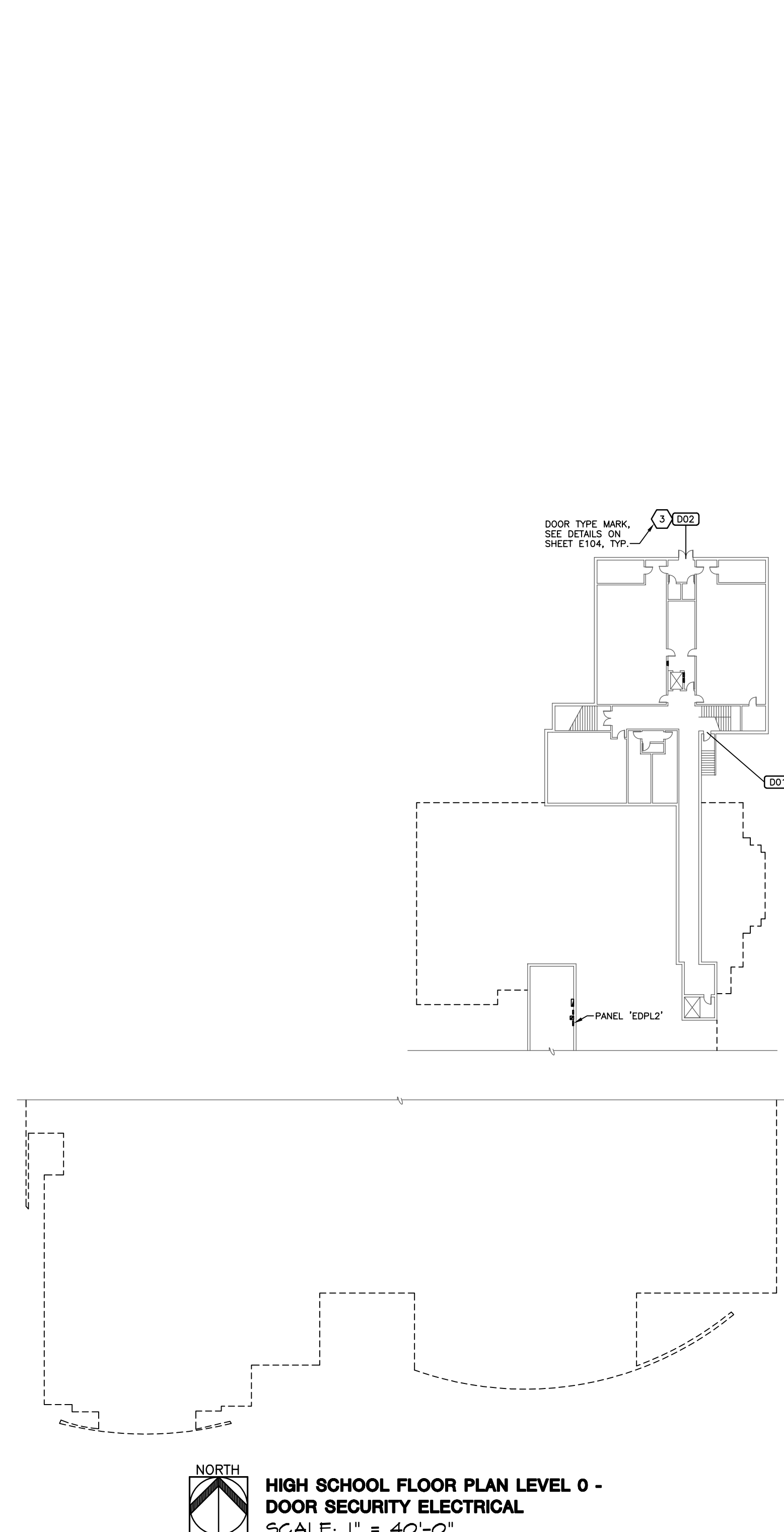
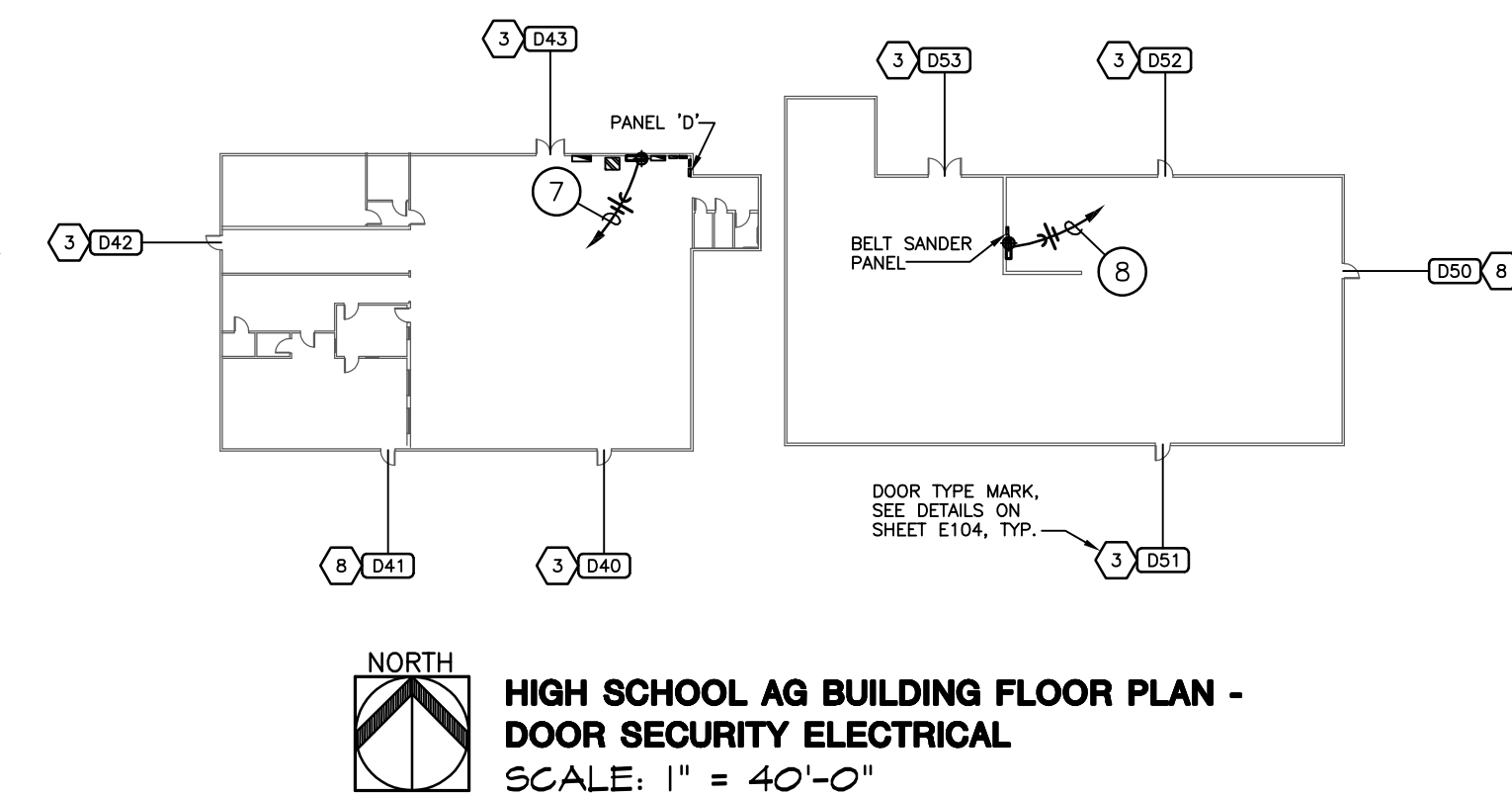
1. Do not scale these drawings.
2. These drawings were produced from original drawings, and field survey and measurements. Existing Architectural and Structural characteristics of the building which are represented on these drawings are believed to be accurate. However, the Contractor shall verify all conditions, materials, and sizes at the site. The Contractor shall verify locations and sizes of all below floor and above floor circuitry and modify as required for new work.
3. Submittal of detailed electrical conduit installation shop drawings are not required. However, the Contractor shall be responsible for field verification of all dimensions and clearances for all system layouts. This shall be accomplished prior to installation.
4. Maintain maximum possible vertical clearance beneath all new conduit and equipment.
5. These drawings are a schematic representation of the work that is to be accomplished by this Contract. Refer to Architectural plans and specifications for exact locations of all ceiling and wall mounted devices and equipment.
6. Where services to existing equipment, devices, or systems which are to remain are interrupted in this work, such services shall be restored so that the existing systems are left in working order.
7. See Specifications for additional requirements.
8. All new circuitry shall be concealed in finished areas, unless noted otherwise.
9. Coordinate cutting and patching of walls, floors and ceilings with General Contractor.

ELECTRICAL SYMBOLS LEGEND

	Flush junction box
	Surface or concealed junction box
	Electrical connection to equipment
	Conduit concealed in wall or ceiling
	In-floor conduit
	Homerun to panelboard with conductors as indicated. Do not show neutrals unless noted otherwise.
	Panelboard
	Transformer
	Door Security Detail, see E104.
	Door Number, see Architectural plan.
	Existing device
	Circuit breaker
	Unless noted otherwise
	Above finished floor
	Not in contract
	Typical
	General Contractor

NOTES BY SYMBOL

- 1 Provide 2#12,#12G to spare 20A/1P C\B in existing Square D NQOD panel 'CP' to serve door security control panel. Coordinate final requirements with equipment provider.
- 2 Provide 2#12,#12G to spare 20A/1P C\B in existing Square D NQOD panel '1P3' to serve door security control panel. Coordinate final requirements with equipment provider.
- 3 Provide 2#12,#12G to spare 20A/1P C\B in existing Square D NQOD panel '1P6' to serve door prop alarm panel. Coordinate final requirements with equipment provider.
- 4 Provide surface mounted raceway for door security low voltage circuitry equivalent to Wiremold Series 700, painted to match adjacent surface. Route raceway tight to walls and ceiling corners, shown offset for clarity.
- 5 Turn raceway up into gyp. soffit next to accessible acoustic tile ceiling, provide utility box at penetration.
- 6 Existing ceiling and walls in theater vestibule are ornately decorated plaster and trim work. Make all attempts to provide routing for low voltage circuitry that does not disturb the historic nature of the space. If necessary, provide surface mounted raceway equivalent to Wiremold Series 700, painted to match adjacent surface. Route raceway tight to walls and ceiling corners, shown offset for clarity. Coordinate installation with Architect prior to rough-in.
- 7 Provide 2#12,#12G to spare 20A/1P C\B in existing Square D NQ panel 'D' to serve door security control panel. Coordinate final requirements with equipment provider.
- 8 Provide 2#12,#12G to new 20A/1P C\B in existing Square D NQOD Belt Sander panel to serve door security control panel. Coordinate final requirements with equipment provider.



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REV	DESC	DATE



Project Number: **16036**

Date: **10/22/18**

Project Name:

USD 320 WAMEGO DOOR SECURITY

Project Address:
WAMEGO, KS 66547

Sheet Title:

HIGH SCHOOL DOOR POWER PLANS

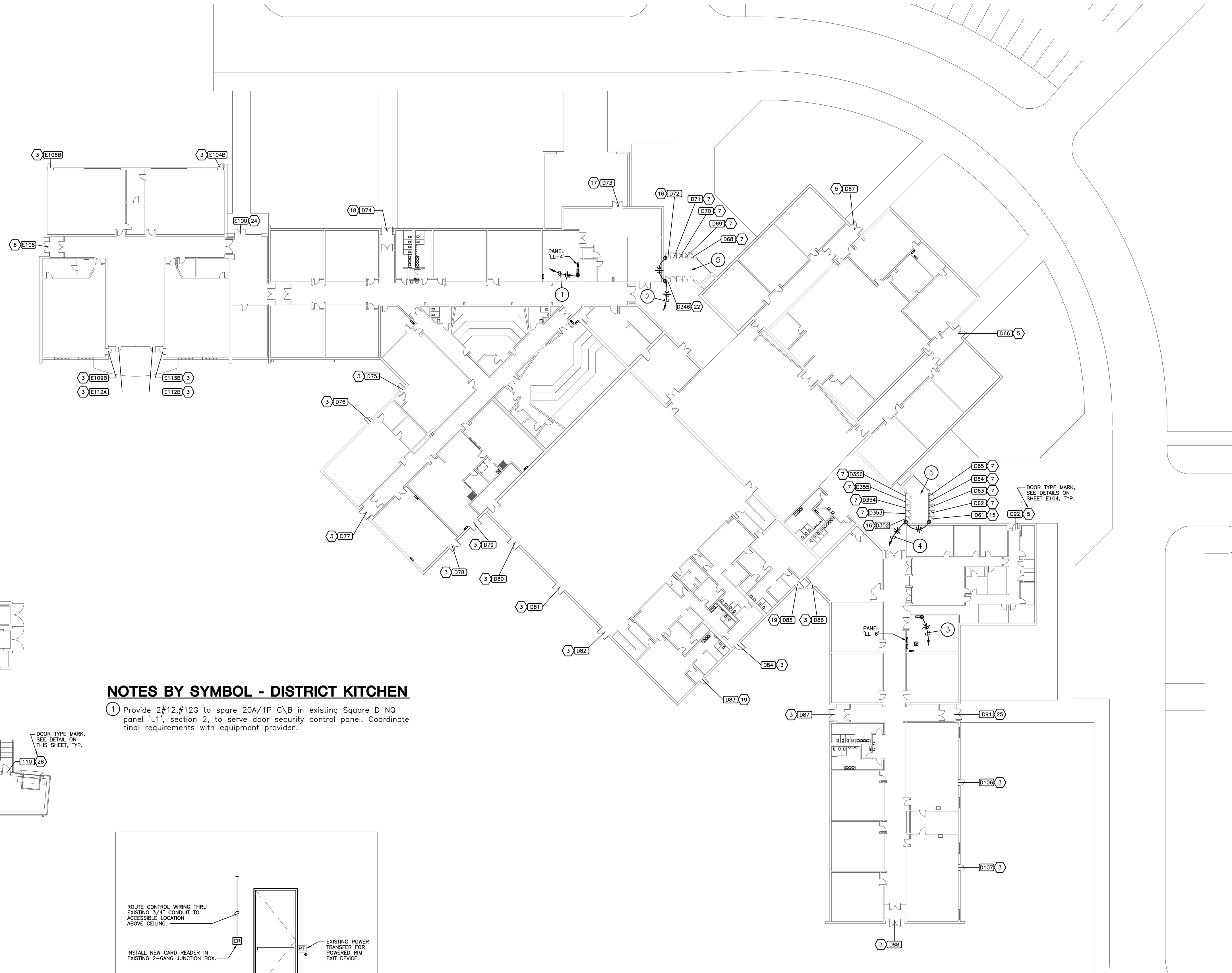
Sheet: **E101**

OF:

Job No. 15011-1
ose ORAZEM & SCALORA ENGINEERING, P.A.
Manhattan, Kansas
Copyright © Orazem & Scalora Engineering, P.A. 2018

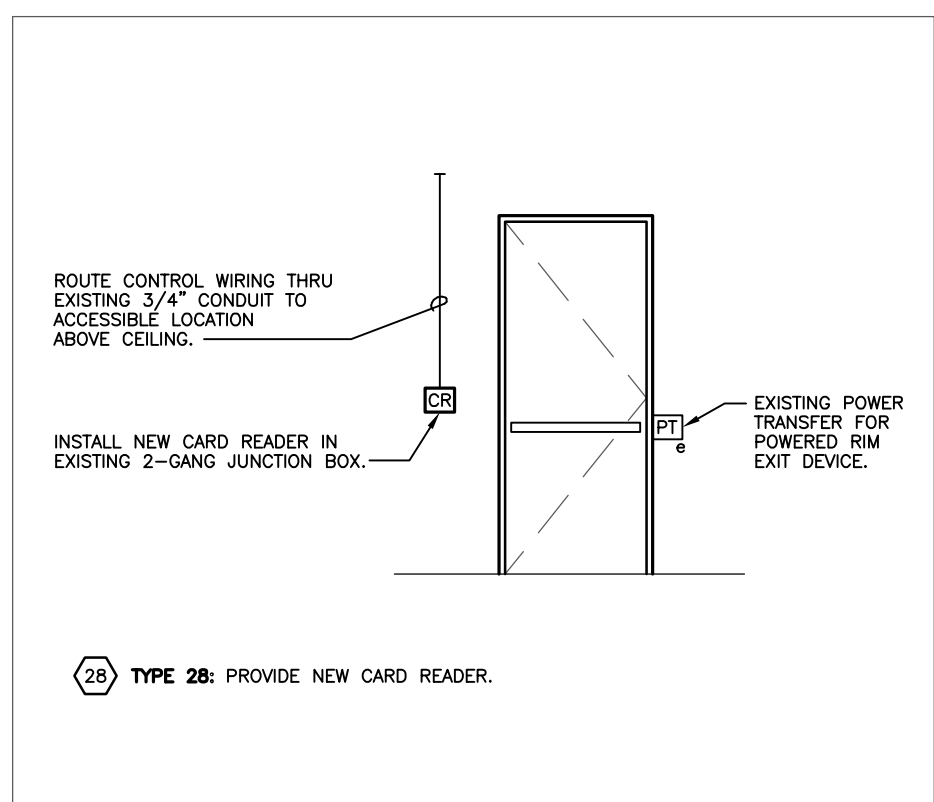
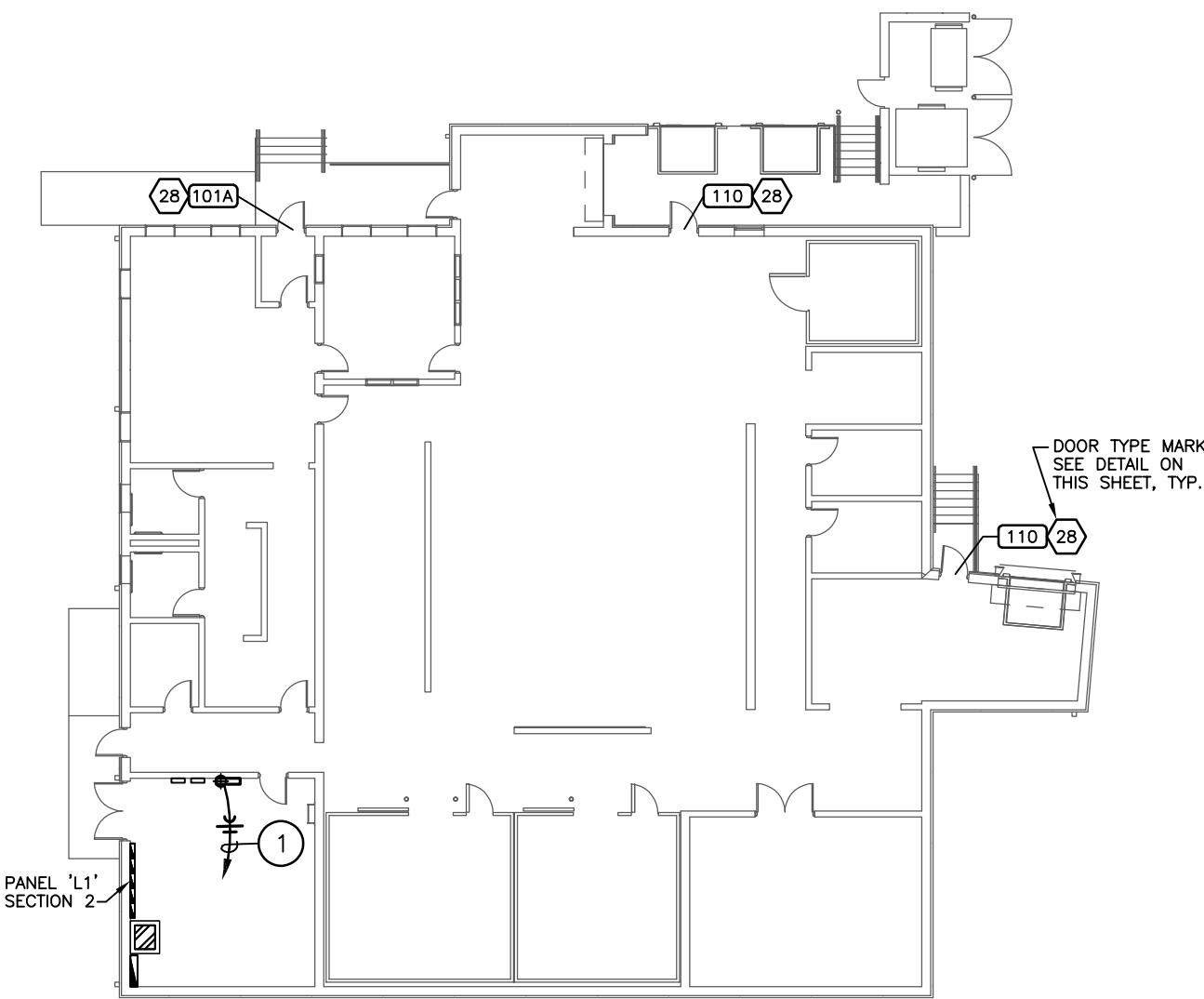
NOTES BY SYMBOL - MIDDLE SCHOOL

- ① Provide 2#12,#12G to new 20A/1P C\B in existing Siemens ITE Series 7 panel 'LL-4' to serve door security control panel. Coordinate final requirements with equipment provider.
- ② Provide 2#12,#12G to new 20A/1P C\B in existing Siemens ITE Series 7 panel 'LL-4' to serve new ADA door operator.
- ③ Provide 2#12,#12G to new 20A/1P C\B in existing Siemens ITE Series 7 panel 'LL-6' to serve door security control panel. Coordinate final requirements with equipment provider.
- ④ Provide 2#12,#12G to spare 20A/1P C\B in existing Siemens ITE Series 7 panel 'LL-6' to serve new ADA door operator.
- ⑤ Route power and low voltage circuitry serving vestibule doors neatly along existing door and window trim in aluminum channel equivalent to Wiremold AL3300 series raceway with divider. Coordinate with Architect and Engineer for final raceway finish and routing.



NOTES BY SYMBOL - DISTRICT KITCHEN

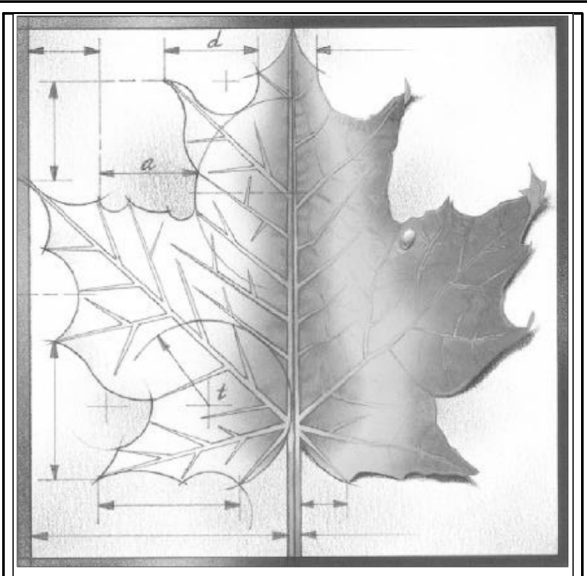
- ① Provide 2#12,#12G to spare 20A/1P C\B in existing Square D NQ panel 'L1', section 2, to serve door security control panel. Coordinate final requirements with equipment provider.



A DISTRICT KITCHEN DOOR SECURITY DETAIL NO SCALE

DISTRICT KITCHEN FLOOR PLAN - DOOR SECURITY ELECTRICAL SCALE: 1" = 20'-0"

MIDDLE SCHOOL FIRST FLOOR PLAN - DOOR SECURITY ELECTRICAL SCALE: 1" = 30'-0"



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REV	DESC	DATE



Project Number: **16036**

Date: **10/22/18**

Project Name:

USD 320 WAMEGO DOOR SECURITY

Project Address:
WAMEGO, KS 66547

Sheet Title:

MIDDLE SCHOOL & DIST. KITCHEN DOOR POWER PLAN

Sheet: **E102**

Of:

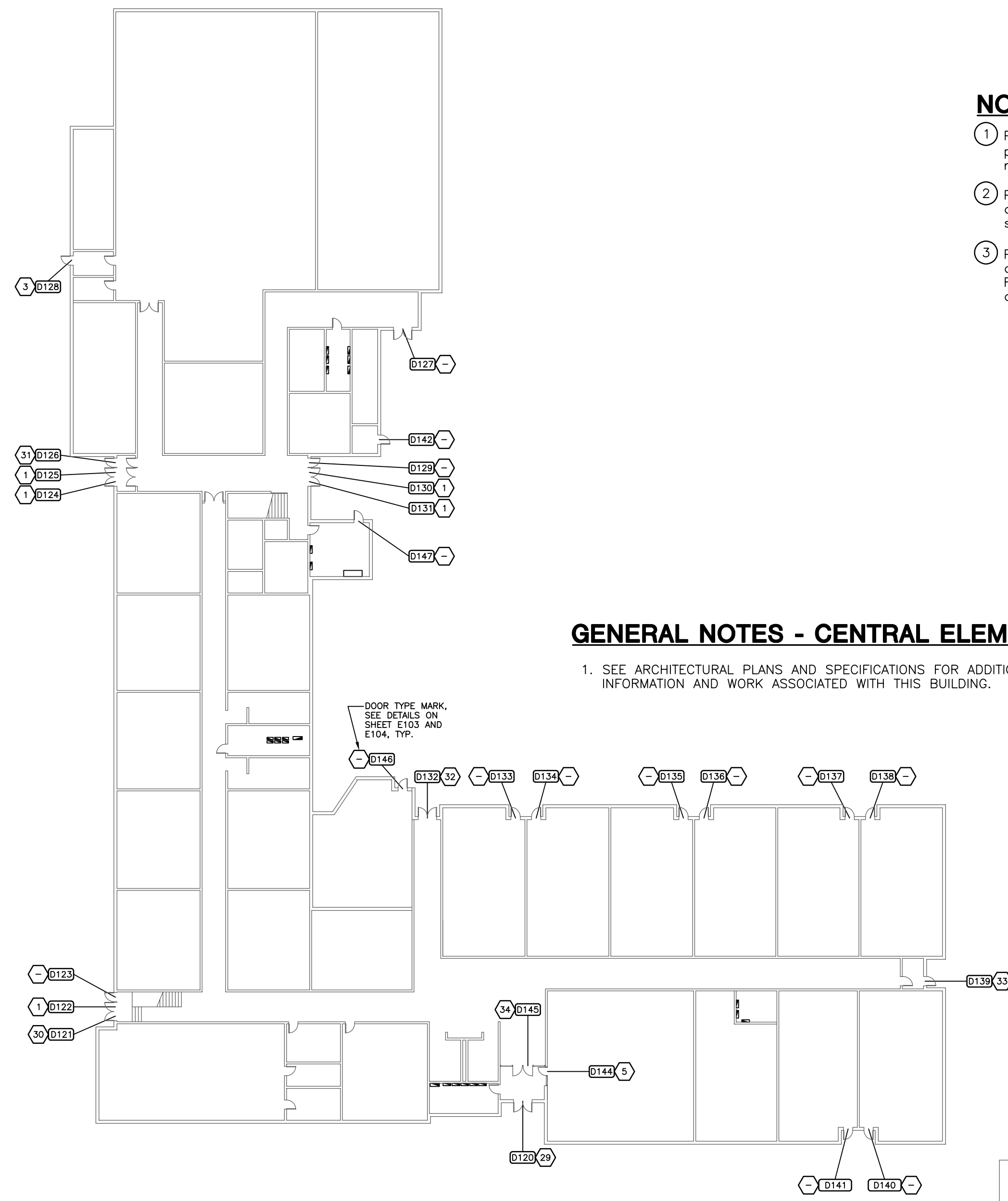
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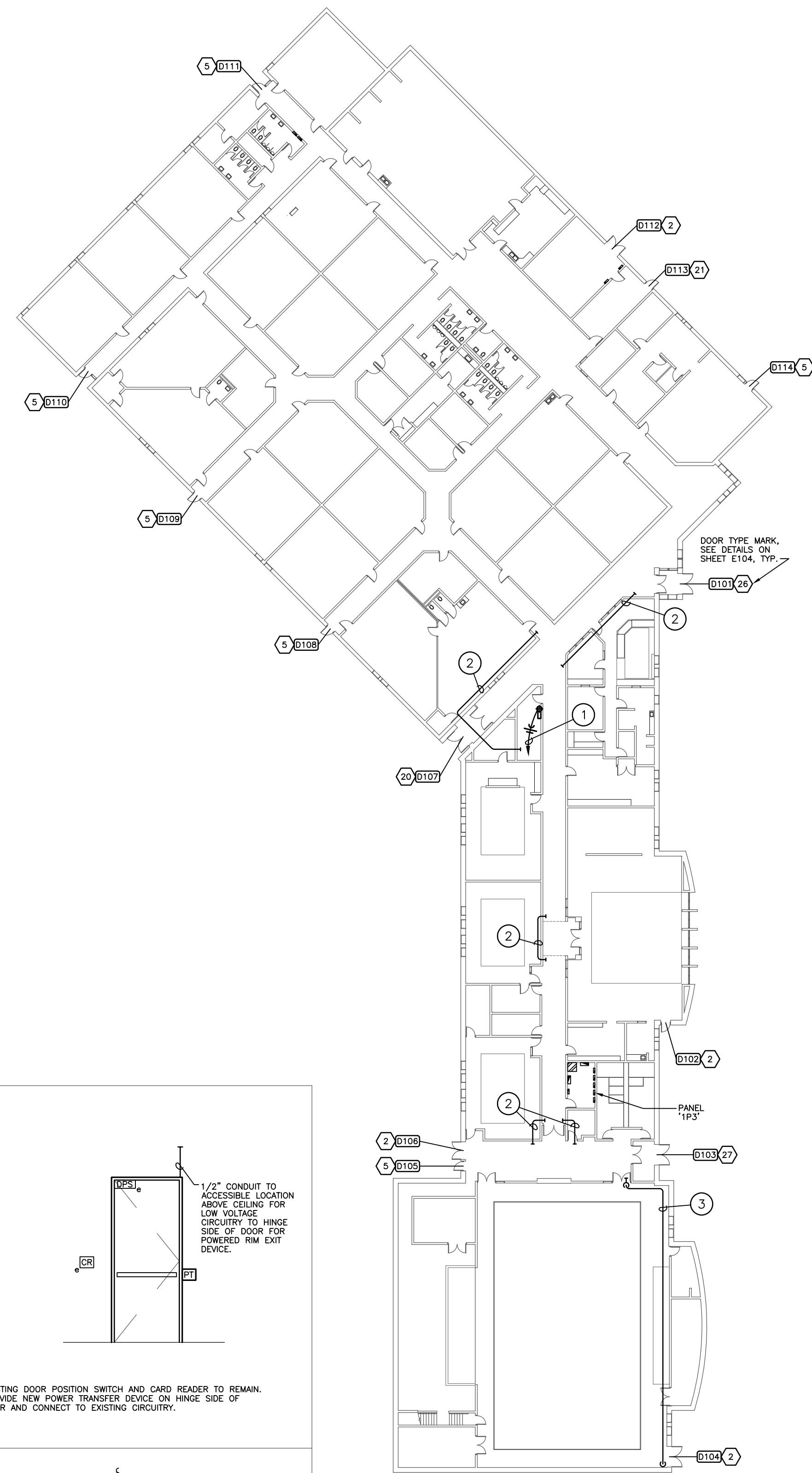
**CENTRAL ELEMENTARY FLOOR PLAN -
DOOR SECURITY ELECTRICAL**
SCALE: 1" = 30'-0"

NOTES BY SYMBOL - WEST ELEMENTARY

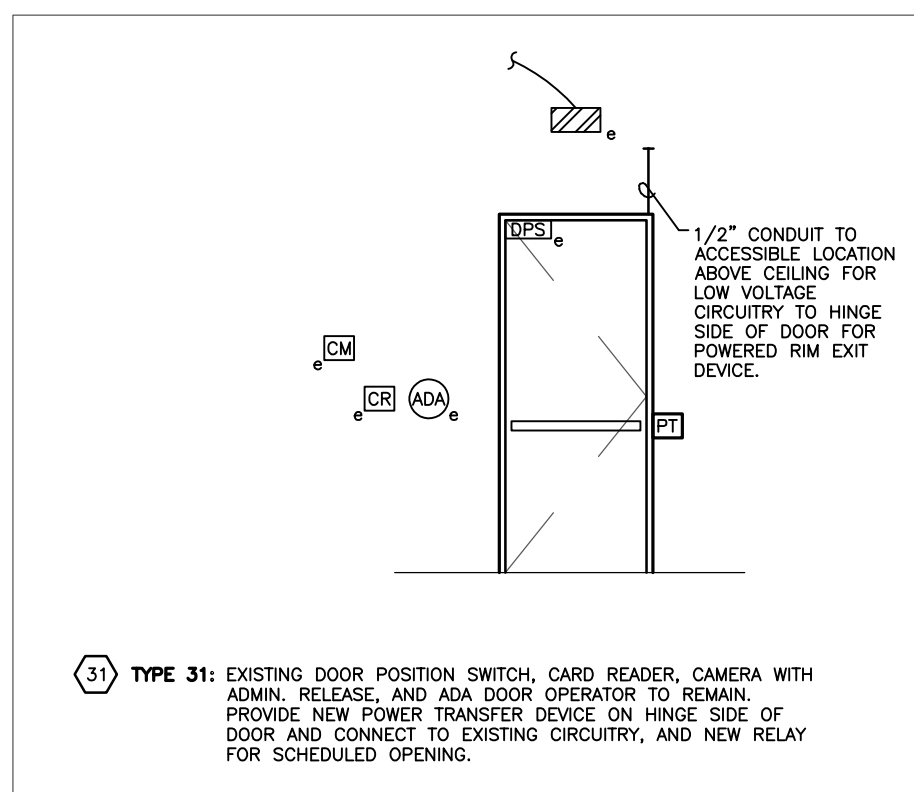
- ① Provide 2#12, #12G to spare 20A/1P C\B in existing GE A Series II panel '1P3' to serve door security control panel. Coordinate final requirements with equipment provider.
- ② Provide 2" conduit path for door security low voltage circuitry above ceiling, terminate ends with nylon bushing. Route conduit tight to walls, shown offset for clarity.
- ③ Provide 2" conduit path for door security low voltage circuitry, paint conduit where exposed in Auditorium, terminate ends with nylon bushing. Route conduit tight to walls and ceiling structure, shown offset for clarity.

GENERAL NOTES - CENTRAL ELEMENTARY

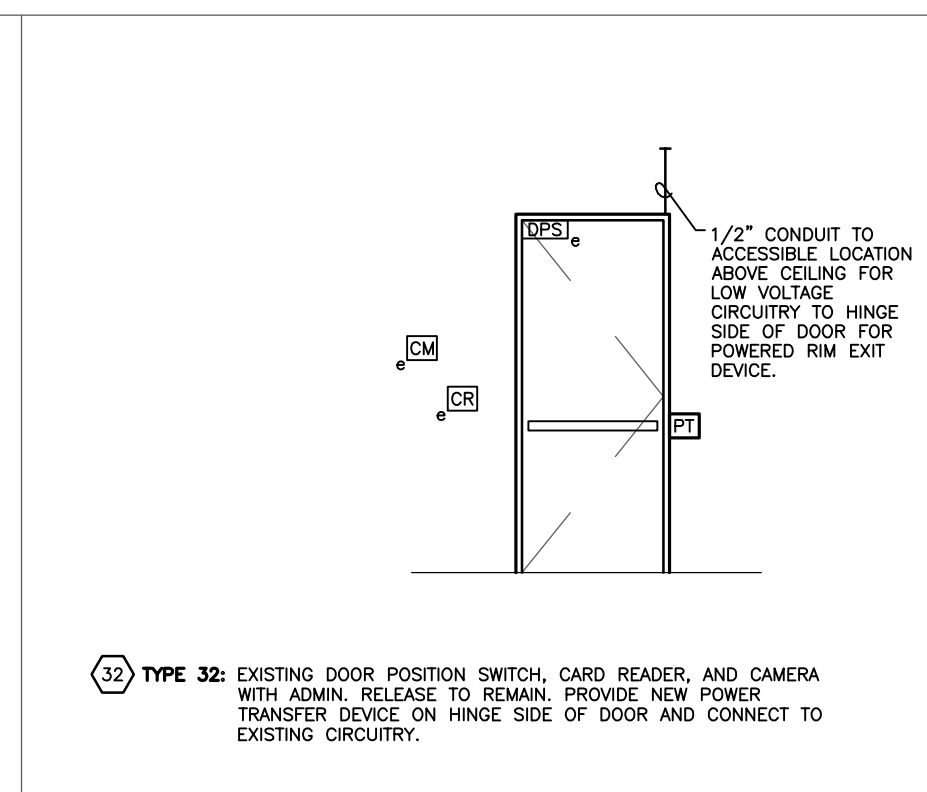
- 1. SEE ARCHITECTURAL PLANS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION AND WORK ASSOCIATED WITH THIS BUILDING.



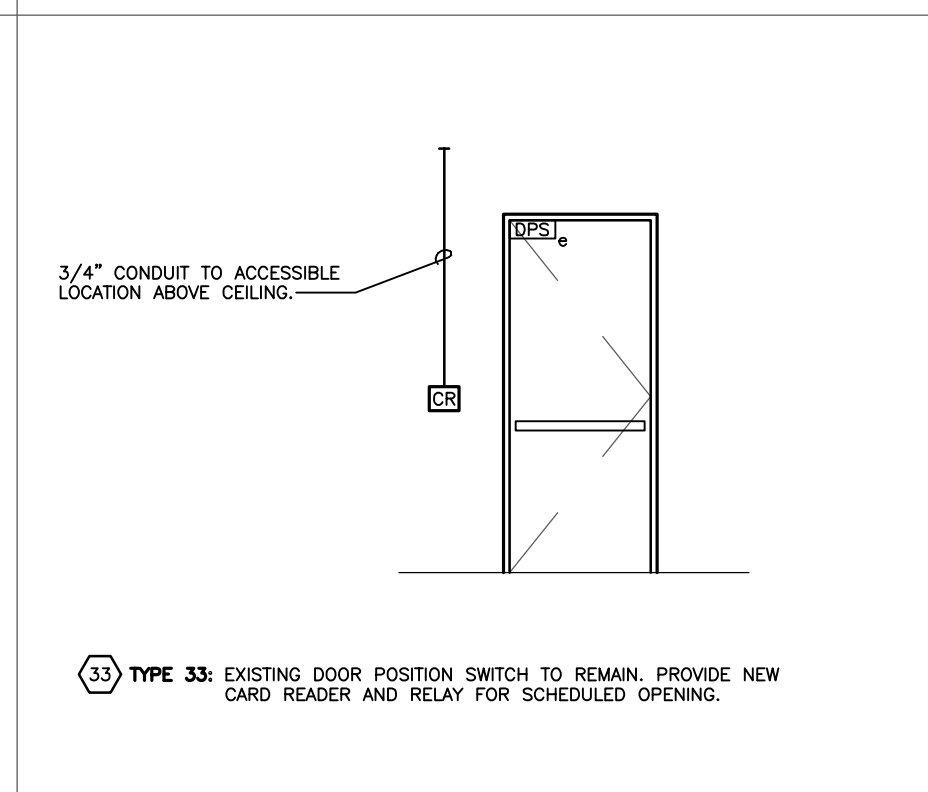
**WEST ELEMENTARY FLOOR PLAN -
DOOR SECURITY ELECTRICAL**
SCALE: 1" = 30'-0"



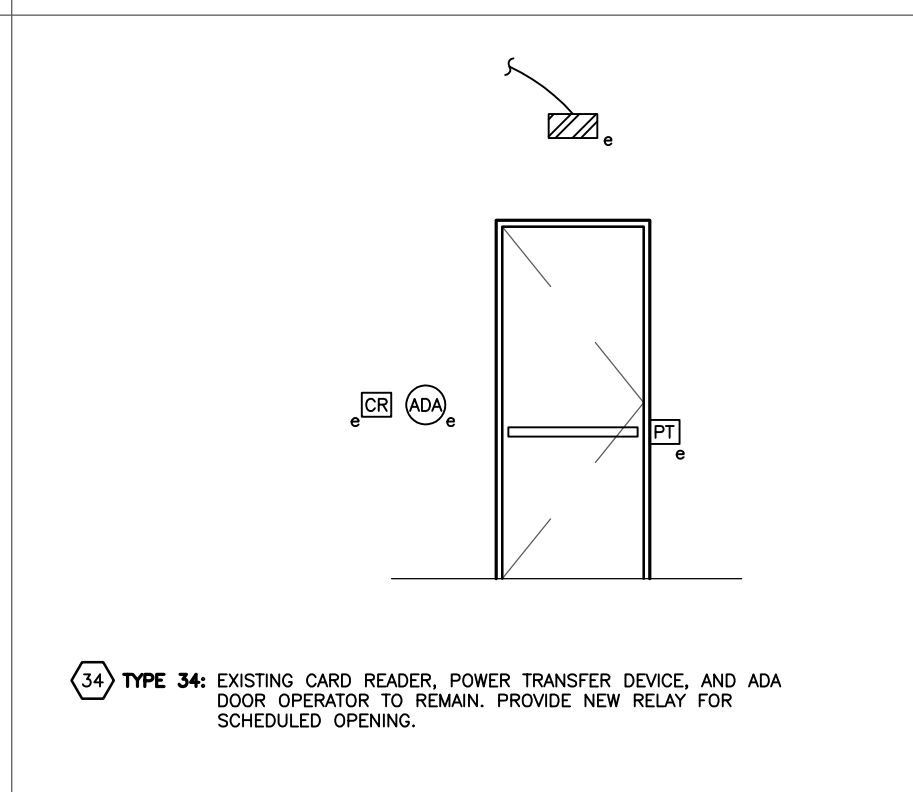
③① TYPE 31: EXISTING DOOR POSITION SWITCH, CARD READER, CAMERA WITH ADMIN. RELEASE, AND ADA DOOR OPERATOR TO REMAIN. PROVIDE NEW POWER TRANSFER DEVICE ON HINGE SIDE OF DOOR AND CONNECT TO EXISTING CIRCUITRY, AND NEW RELAY FOR SCHEDULED OPENING.



③② TYPE 32: EXISTING DOOR POSITION SWITCH, CARD READER, AND CAMERA WITH ADMIN. RELEASE TO REMAIN. PROVIDE NEW POWER TRANSFER DEVICE ON HINGE SIDE OF DOOR AND CONNECT TO EXISTING CIRCUITRY.

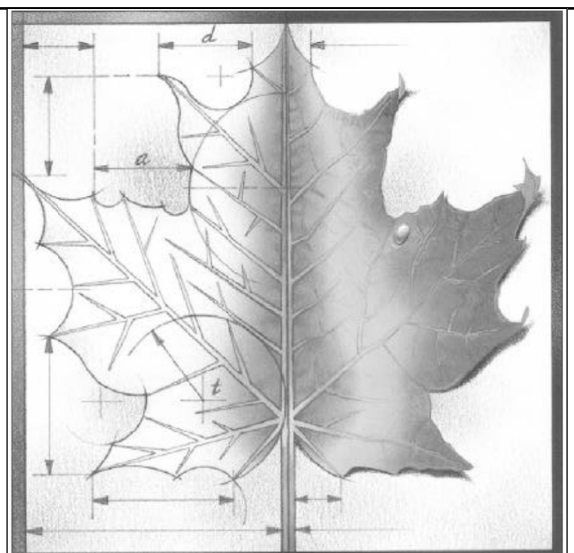


③③ TYPE 33: EXISTING DOOR POSITION SWITCH TO REMAIN. PROVIDE NEW CARD READER AND RELAY FOR SCHEDULED OPENING.



③④ TYPE 34: EXISTING CARD READER, POWER TRANSFER DEVICE, AND ADA DOOR OPERATOR TO REMAIN. PROVIDE NEW RELAY FOR SCHEDULED OPENING.

**A DOOR SECURITY DETAILS
NO SCALE**

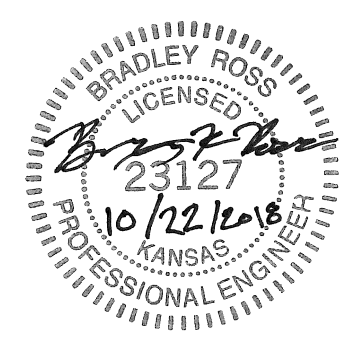


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REV	DESC	DATE



Project Number: **16036**

Date: **10/22/18**

Project Name:
**USD 320 WAMEGO
DOOR SECURITY**

Project Address:
WAMEGO, KS 66547

Sheet Title: **CENTRAL
& WEST ELEM.
DOOR POWER
PLANS**

Sheet: **E103**

Of:

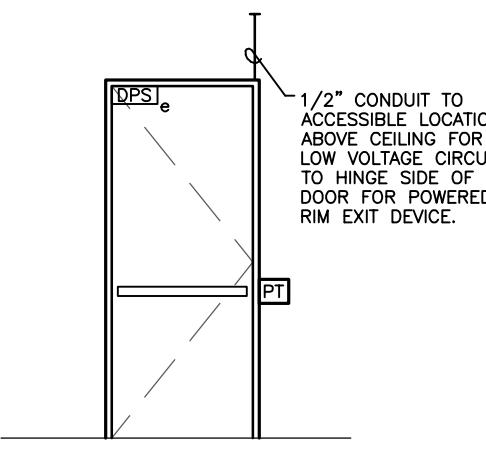
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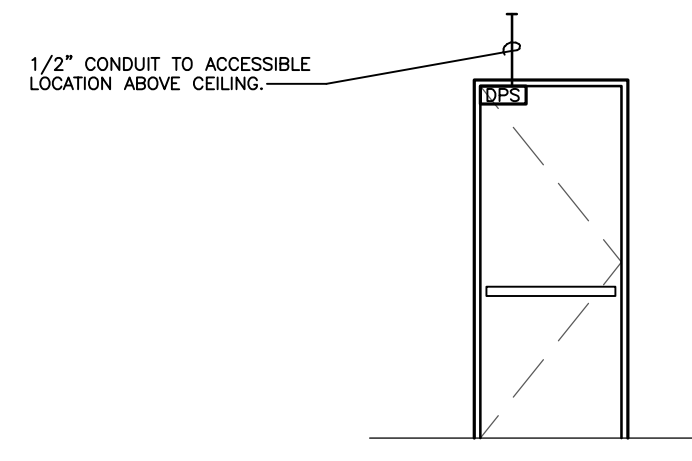
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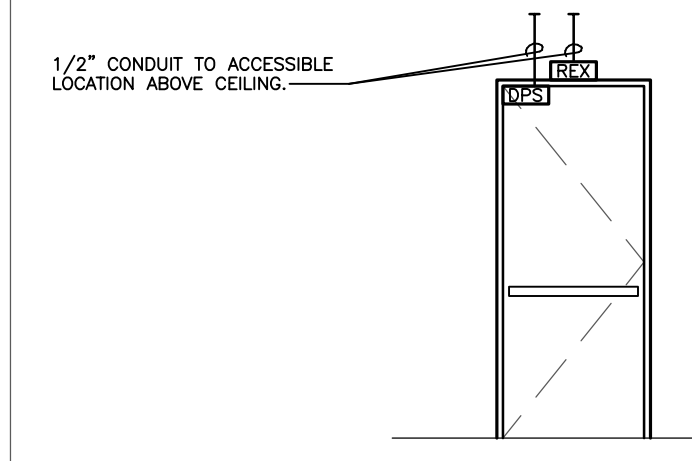
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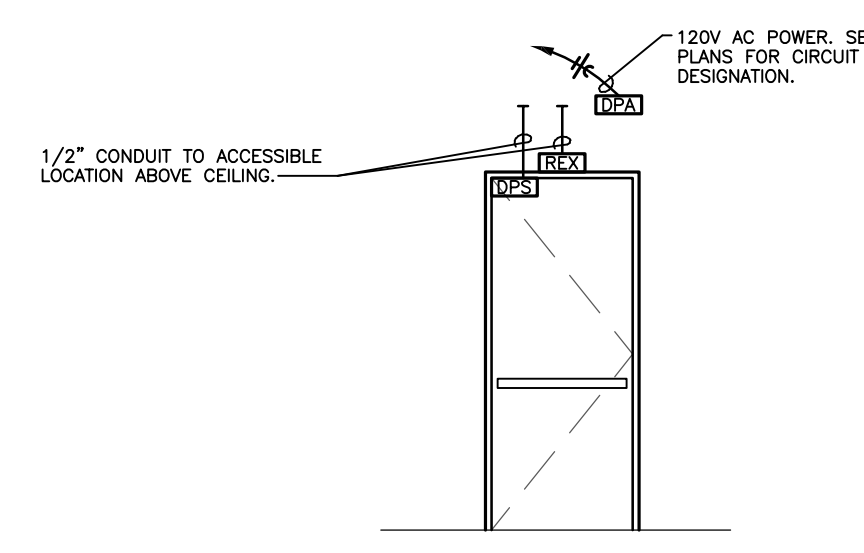
1 TYPE 1: EXISTING DOOR POSITION SWITCH TO REMAIN, PROVIDE NEW POWER TRANSFER DEVICE ON HINGE SIDE OF DOOR.



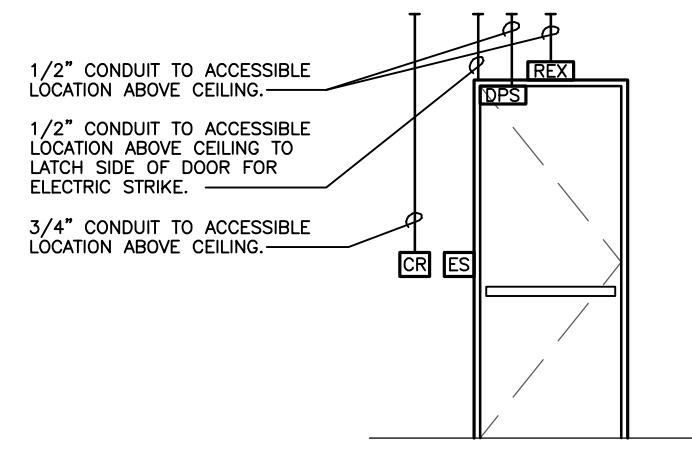
2 TYPE 2: PROVIDE NEW DOOR POSITION SWITCH.



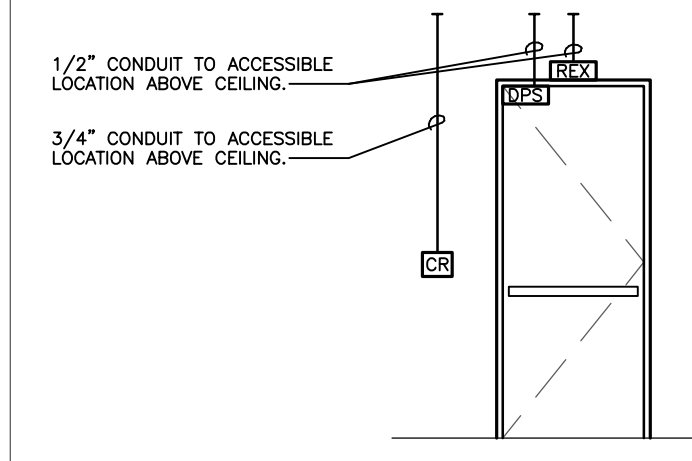
3 TYPE 3: PROVIDE NEW DOOR POSITION SWITCH AND REQUEST TO EXIT MOTION SENSOR.



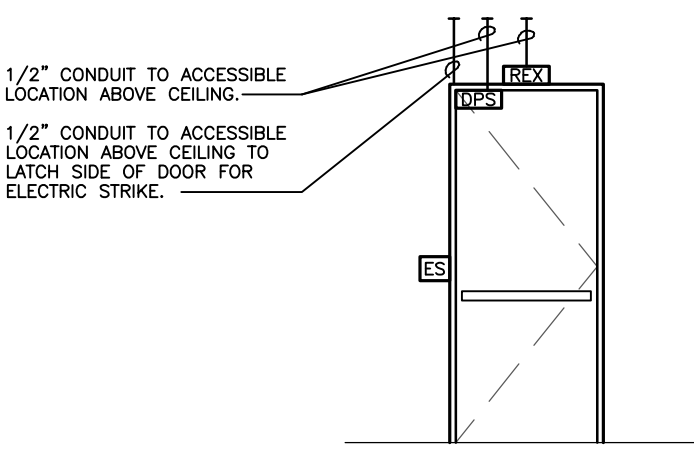
4 TYPE 4: PROVIDE NEW DOOR POSITION SWITCH, REQUEST TO EXIT MOTION SENSOR, AND POWER SUPPLY FOR DOOR PROP ALARM.



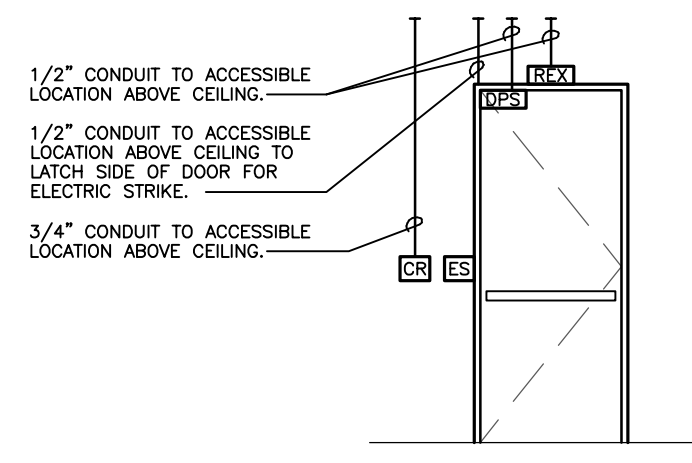
5 TYPE 5: PROVIDE NEW DOOR POSITION SWITCH, REQUEST TO EXIT MOTION SENSOR, ELECTRONIC STRIKE, AND CARD READER.



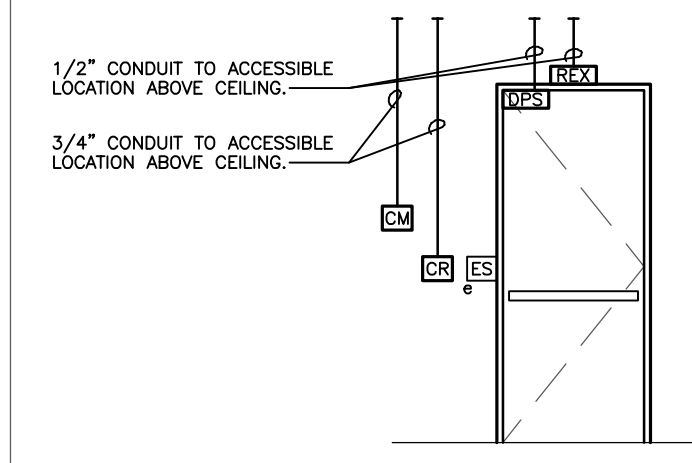
6 TYPE 6: PROVIDE NEW DOOR POSITION SWITCH, REQUEST TO EXIT MOTION SENSOR, AND CARD READER.



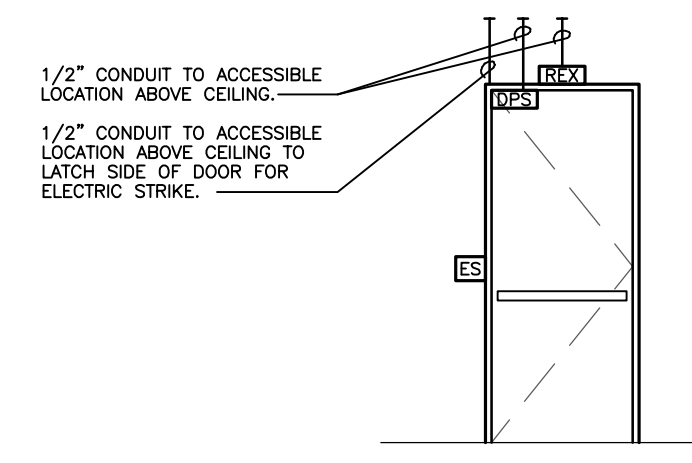
7 TYPE 7: PROVIDE NEW DOOR POSITION SWITCH, REQUEST TO EXIT MOTION SENSOR, ELECTRONIC STRIKE, AND RELAY FOR SCHEDULED OPENING.



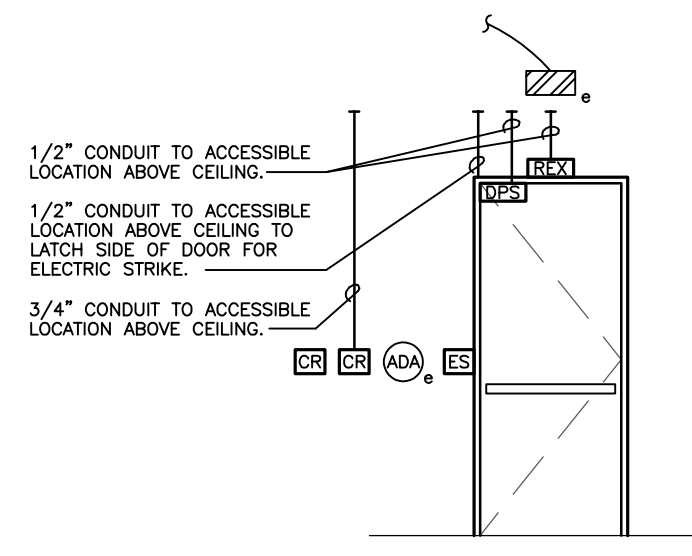
8 TYPE 8: PROVIDE NEW DOOR POSITION SWITCH, REQUEST TO EXIT MOTION SENSOR, RELAY FOR SCHEDULED OPENING, AND CARD READER.



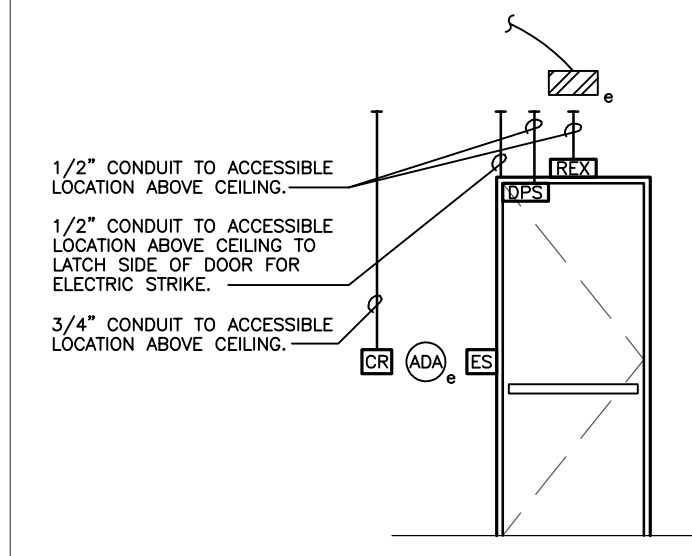
9 TYPE 9: EXISTING ELECTRIC STRIKE TO REMAIN, PROVIDE NEW DOOR POSITION SWITCH, REQUEST TO EXIT MOTION SENSOR, RELAY FOR SCHEDULED OPENING, CARD READER, CAMERA WITH ADMIN. RELEASE, AND REMOTE PUSHBUTTON OVERRIDE.



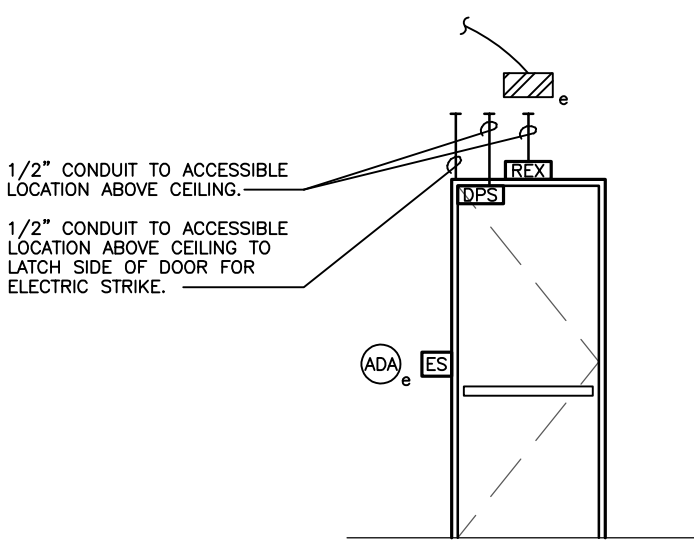
10 TYPE 10: PROVIDE NEW DOOR POSITION SWITCH, REQUEST TO EXIT MOTION SENSOR, ELECTRONIC STRIKE, RELAY FOR SCHEDULED OPENING, AND REMOTE PUSHBUTTON OVERRIDE.



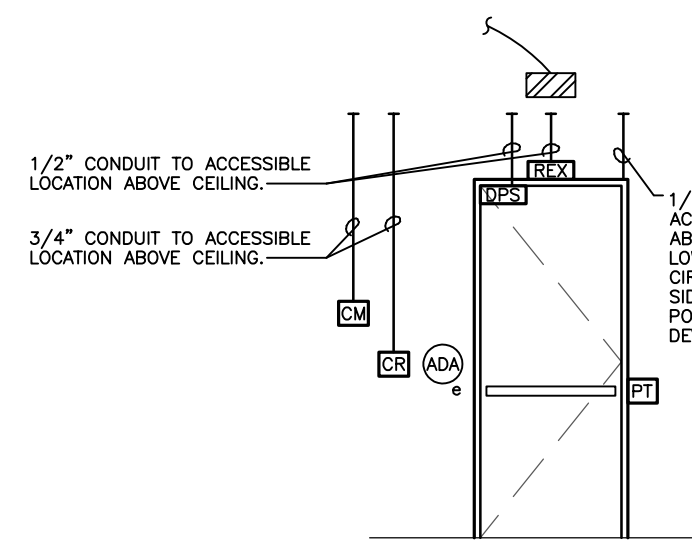
11 TYPE 11: EXISTING ADA DOOR OPERATOR TO REMAIN, PROVIDE NEW DOOR POSITION SWITCH, REQUEST TO EXIT MOTION SENSOR, ELECTRONIC STRIKE, CARD READER, WIRELESS CARD READER, RELAY FOR SCHEDULED OPENING, AND REMOTE PUSHBUTTON OVERRIDE.



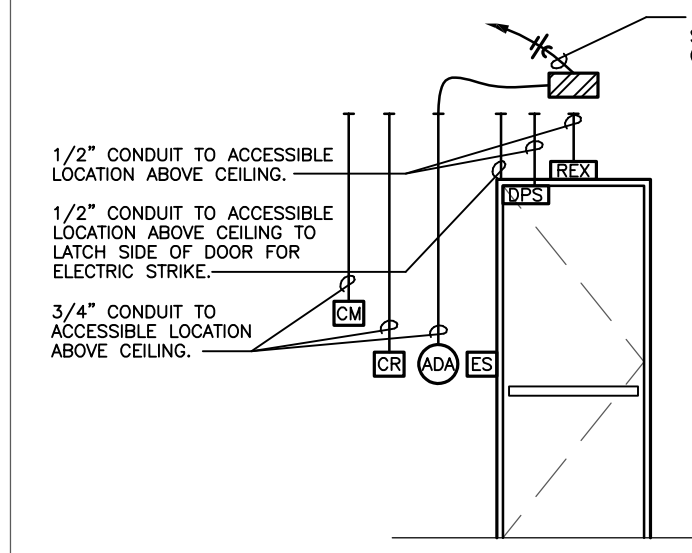
12 TYPE 12: EXISTING ADA OPERATOR TO REMAIN, PROVIDE NEW DOOR POSITION SWITCH, REQUEST TO EXIT MOTION SENSOR, ELECTRONIC STRIKE, CARD READER, RELAY FOR SCHEDULED OPENING, AND REMOTE PUSHBUTTON OVERRIDE.



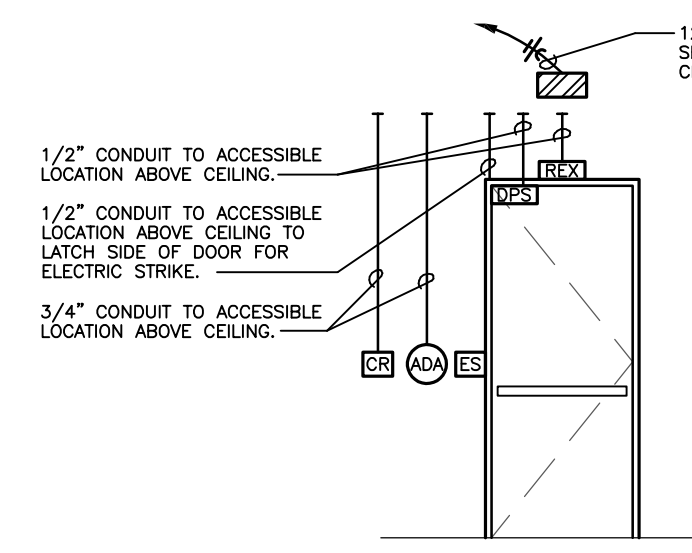
13 TYPE 13: EXISTING ADA DOOR OPERATOR TO REMAIN, PROVIDE NEW DOOR POSITION SWITCH, REQUEST TO EXIT MOTION SENSOR, ELECTRONIC STRIKE, AND RELAY FOR SCHEDULED OPENING.



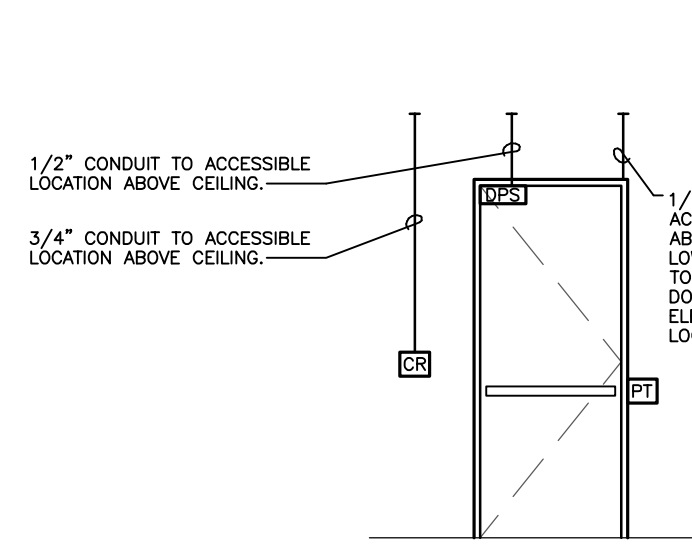
14 TYPE 14: EXISTING ADA OPERATOR TO REMAIN, PROVIDE NEW DOOR POSITION SWITCH, REQUEST TO EXIT MOTION SENSOR, CARD READER, RELAY FOR SCHEDULED OPENING, CAMERA WITH ADMIN. RELEASE, POWER TRANSFER DEVICE ON HINGE SIDE OF DOOR, AND REMOTE PUSHBUTTON OVERRIDE.



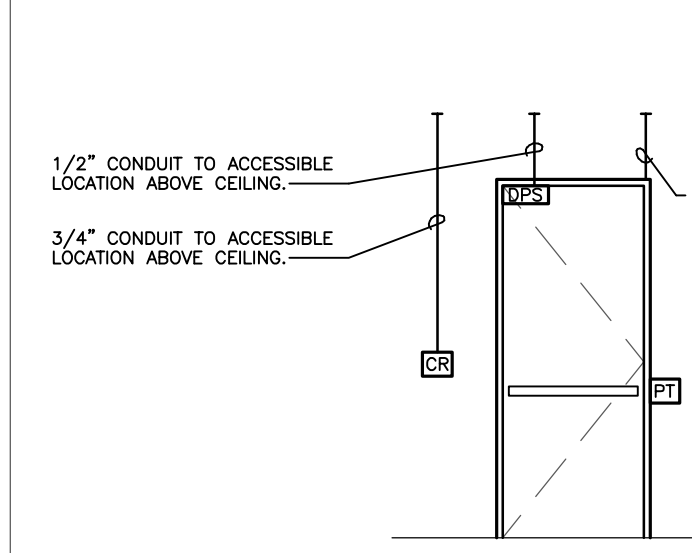
15 TYPE 15: PROVIDE NEW DOOR POSITION SWITCH, REQUEST TO EXIT MOTION SENSOR, ELECTRONIC STRIKE, CARD READER, RELAY FOR SCHEDULED OPENING, CAMERA WITH ADMIN. RELEASE, AND ADA DOOR OPERATOR AND PUSHBUTTON.



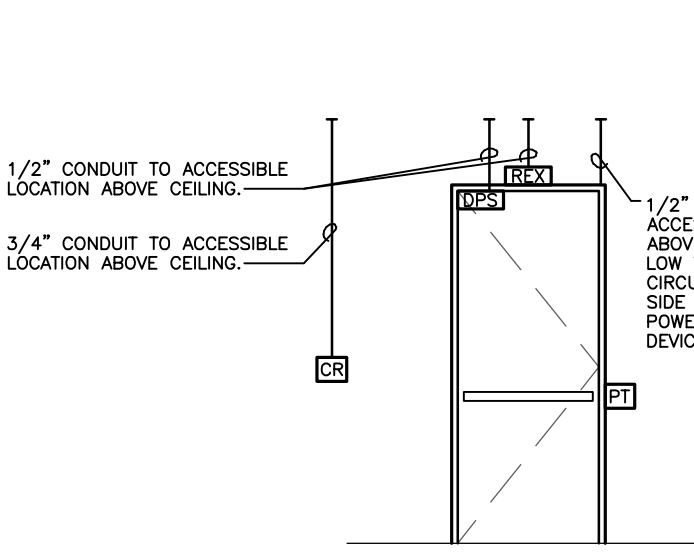
16 TYPE 16: PROVIDE NEW DOOR POSITION SWITCH, REQUEST TO EXIT MOTION SENSOR, ELECTRONIC STRIKE, CARD READER, RELAY FOR SCHEDULED OPENING, AND ADA DOOR OPERATOR AND PUSHBUTTON.



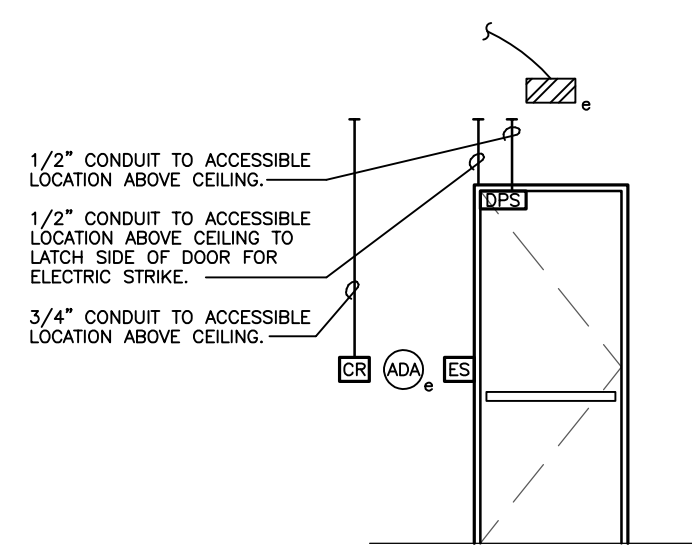
17 TYPE 17: PROVIDE NEW DOOR POSITION SWITCH, CARD READER, AND POWER TRANSFER DEVICE ON HINGE SIDE OF DOOR.



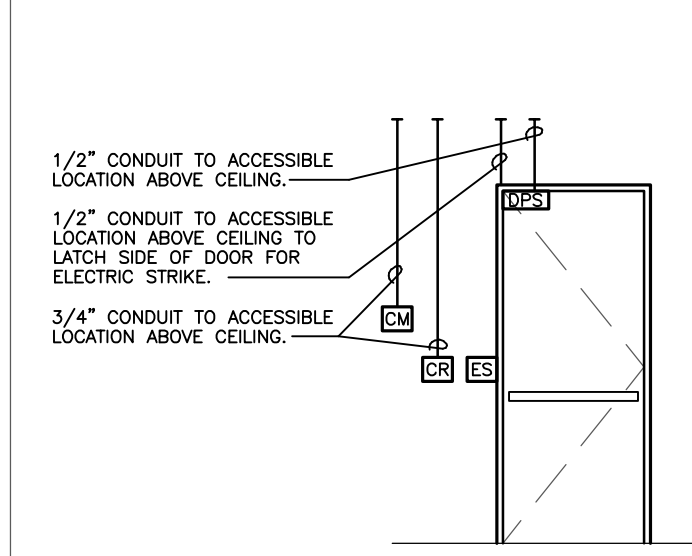
18 TYPE 18: PROVIDE NEW DOOR POSITION SWITCH, CARD READER, POWER TRANSFER DEVICE ON HINGE SIDE OF DOOR, AND RELAY FOR SCHEDULED OPENING.



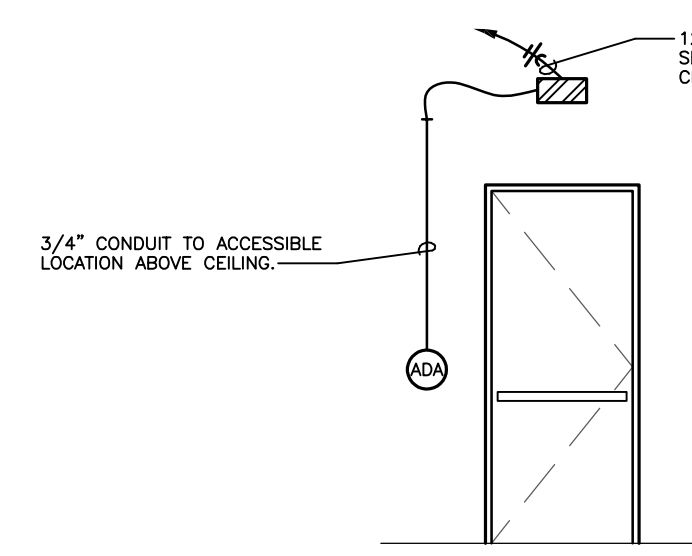
19 TYPE 19: PROVIDE NEW DOOR POSITION SWITCH, REQUEST TO EXIT MOTION SENSOR, CARD READER, AND POWER TRANSFER DEVICE ON HINGE SIDE OF DOOR.



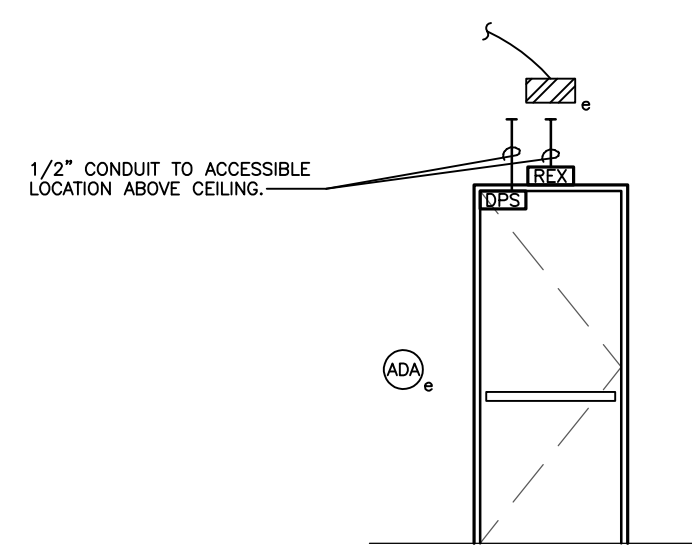
20 TYPE 20: EXISTING ADA DOOR OPERATOR TO REMAIN, PROVIDE NEW DOOR POSITION SWITCH, ELECTRONIC STRIKE, AND CARD READER.



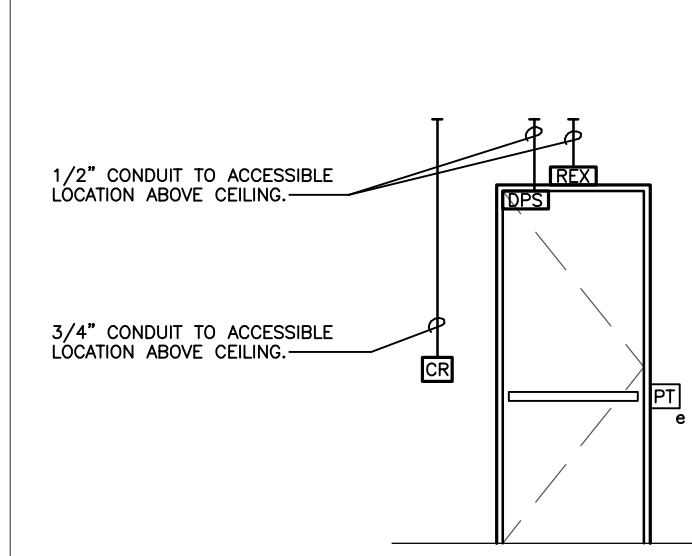
21 TYPE 21: PROVIDE NEW DOOR POSITION SWITCH, ELECTRONIC STRIKE, CARD READER, AND CAMERA WITH ADMIN. RELEASE.



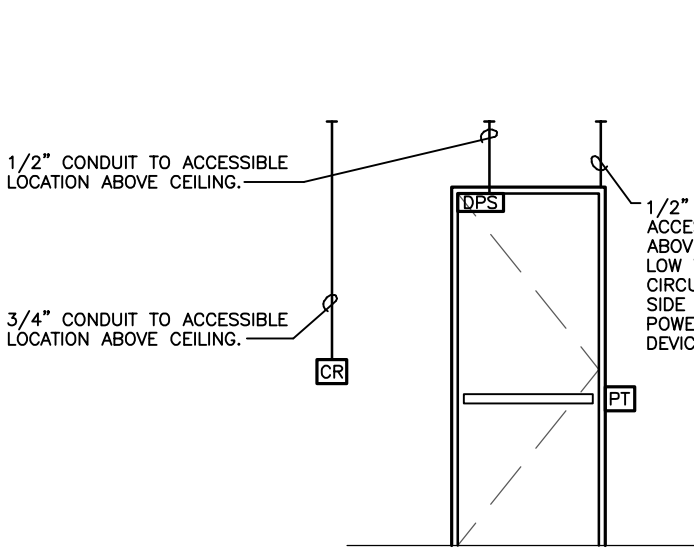
22 TYPE 22: PROVIDE NEW ADA DOOR OPERATOR AND PUSHBUTTON.



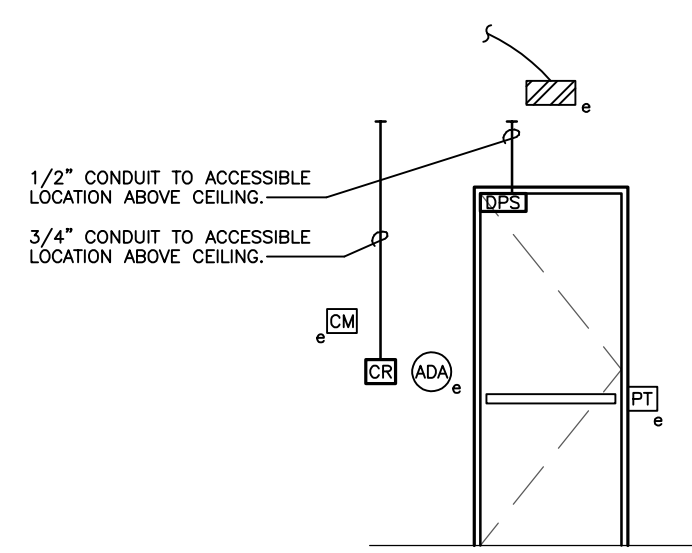
23 TYPE 23: EXISTING ADA DOOR OPERATOR TO REMAIN, PROVIDE NEW DOOR POSITION SWITCH AND REQUEST TO EXIT MOTION SENSOR.



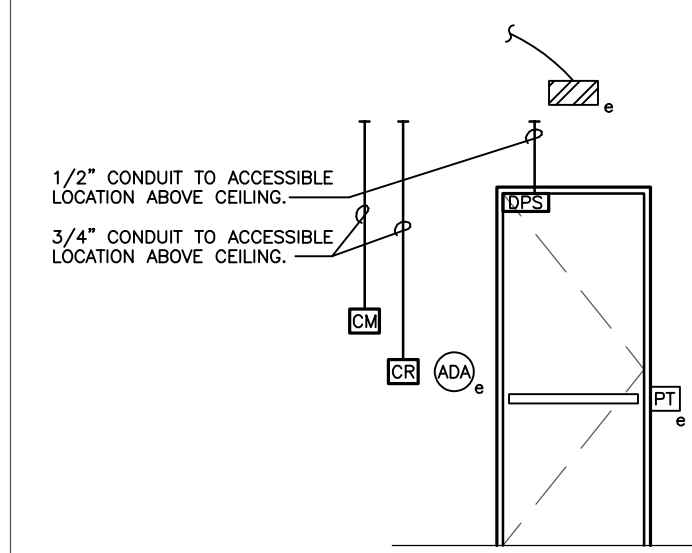
24 TYPE 24: EXISTING POWER TRANSFER DEVICE TO REMAIN, PROVIDE NEW DOOR POSITION SWITCH, REQUEST TO EXIT MOTION SENSOR, CARD READER, AND RELAY FOR SCHEDULED OPENING.



25 TYPE 25: PROVIDE NEW DOOR POSITION SWITCH, CARD READER, AND POWER TRANSFER DEVICE ON HINGE SIDE OF DOOR.



26 TYPE 26: EXISTING ADA DOOR OPERATOR, CAMERA WITH ADMIN. RELEASE, AND POWER TRANSFER DEVICE TO REMAIN, PROVIDE NEW DOOR POSITION SWITCH, CARD READER, AND RELAY FOR SCHEDULED OPENING.



27 TYPE 27: EXISTING ADA DOOR OPERATOR AND POWER TRANSFER DEVICE TO REMAIN, PROVIDE NEW DOOR POSITION SWITCH, CARD READER, CAMERA WITH ADMIN. RELEASE, AND RELAY FOR SCHEDULED OPENING.

GENERAL NOTES

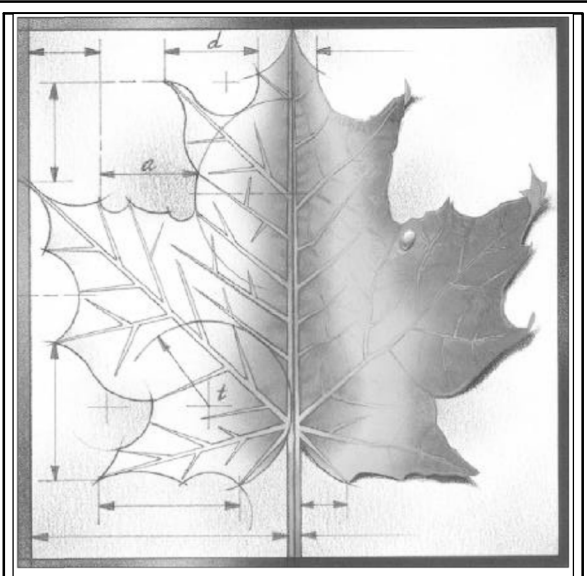
- FOR SPACES WITHOUT CEILINGS, CONDUIT SHALL EXTEND TO THE BOTTOM OF THE STRUCTURE.
- SEE PLANS FOR ADDITIONAL CONDUIT PATHS.
- ALL CONDUIT TO ACCESSIBLE LOCATIONS ABOVE CEILINGS SHALL BE TERMINATED WITH A NYLON BUSHING.
- SEE PLANS FOR POWER CIRCUIT DESIGNATIONS.
- DETAILS SHOWN ARE SCHEMATIC, REFER TO ARCHITECTURAL SPECIFICATIONS FOR FINAL QUANTITIES AND EQUIPMENT REQUIREMENTS.
- COORDINATE FINAL EQUIPMENT LOCATIONS WITH OWNER AND ARCHITECT.
- COORDINATE INTERCONNECTION OF CONTROL CIRCUITRY AND ADA OPERATOR WITH OPERATOR MANUFACTURER.
- FOR NEW CARD READERS AND ADA PUSHBUTTONS, PROVIDE SINGLE GANG BOX FOR WALL MOUNT APPLICATION, PROVIDE 3/4" CONDUIT TO DOOR/STOREFRONT FOR FRAME MOUNT.

DOOR SECURITY SYMBOLS LEGEND

CR	Card reader
ES	Electronic strike
REX	Request to exit motion sensor
DP	Door position switch
PPA	Door prop alarm
LM	Latch monitor
PT	Power transfer device
ADA	ADA pushbutton
ADA	ADA powered door operator
CM	Camera with admin. release

A DOOR SECURITY DETAILS
NO SCALE

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Manhattan, Kansas
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Information provided on the drawings regarding existing conditions has been obtained from the best sources available, but cannot be guaranteed in all respects. Contractor shall verify all such information prior to proceeding with any new work that may be affected. Include as part of the contract all work required to produce the indicated results. All drawings and written material appearing herein constitute the original and unpublished work of the Architect, and same may not be duplicated, used or disclosed without the written consent of the Architect.

REV	DESC	DATE
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Project Number: **16036**

Date: **10/22/18**

Project Name: **USD 320 WAMEGO DOOR SECURITY**

Project Address: **WAMEGO, KS 66547**

Sheet Title:

DOOR SECURITY DETAILS

Sheet: **E104**

Of: