4J SECURITY IMPROVEMENTS

EUGENE SCHOOL DISTRICT 4J

CHURCHILL HIGH SCHOOL

APPLICABLE CODE:

2022 OREGON STRUCTURAL SPECIALTY CODE
2021 OREGON ELECTRICAL SPECIALTY CODE
2021 OREGON ZERO ENERGY READY COMMERCIAL CODE
2019 OREGON MECHANICAL SPECIALTY CODE
2021 OREGON PLUMBING SPECIALTY CODE
2011 OREGON ELEVATOR SPECIALTY CODE
2019 OREGON FIRE CODE
2018 NFPA 1, 10
2016 NFPA 13
ICC 117.1- 2009 ACCESSIBILITY CODE

SITE DATA SUMMARY

PROPOSED IMPERVIOUS SURFACE AREA

LOCATION:	GSF
ROOF, BUILDING:	XX GSF
ROOF, 3 CANOPIES:	XX GSF
PAVING:	XX GSF
TOTAL:	XX GSF

LAND USE CODE INFORMATION

ADDRESS: 1850 Bailey Hill Road, Eugene, OR 97405

MAP & TAX LOT #: 18040310 - 00100

SDC INFORMATION - PLUMBING FIXTURE COUNT

FIXTURE	REMOVED	ADDED	NET CHANGE
COMMERCIAL WASHER			
DRINKING FOUNTAIN			
FLOOR DRAIN			
FLOOR SINK			
JANITORY SINK			
LAVATORY (RESTROOM)			
SHOWER			
SINK			
URINAL			
WATER CLOSET			

ACCESSIBILITY FOR EXISTING BUILDINGS (3411)

PRIORITY OF IMPROVEMENTS PER ORS 447.241:
PARKING: EXISTING
ENTRANCE: EXISTING
ROUTE TO ALTERED AREA: EXISTING
RESTROOMS: EXISTING
TELEPHONES:
DRINKING FOUNTAINS:
STORAGE:

BUILDING CODE INFORMATION

OCCUPANCIES (CHAPTER 3):
E – EDUCATIONAL

DEFERRED SUBMITTALS

-

SPECIAL INSPECTIONS

- X
- X

CONSTRUCTION DRAWING SET

ADDITIONAL DRAWING SET INFO

03.15.2023

2207

PROJECT TEAM

OWNER

EUGENE SCHOOL DISTRICT 4J
ADMINISTRATION: 715 WEST FOURTH AVENUE, EUGENE, OREGON 97402
FACILITIES: 200 NORTH MONROE ST, EUGENE OREGON 97402
ADMINISTRATION PHONE: (541) 790-7400
FACILITIES PHONE: (541) 790-7421
CONTACT: RYAN SPAIN, SPAIN_R@4J.LANE.EDU

ARCHITECT

PIVOT ARCHITECTURE PC
44 WEST BROADWAY, SUITE 300
EUGENE, OR 97401
PHONE: (541) 342-7291
CONTACT: JOHN STAPLETON, JSTAPLETON@PIVOTARCHITECTURE.COM

MECHANICAL ENGINEER

KCL ENGINEERS
296 E. 5TH AVE, SUITE 501
EUGENE, OR 97401
PHONE: (503) 212-4612
CONTACT: CHARLIE WHITE

ELECTRICAL ENGINEER

KCL ENGINEERS
296 E. 5TH AVE, SUITE 501
EUGENE, OR 97401
PHONE: (503) 212-4612
CONTACT: SHYLA KEAYS-GOODMAN

PIVOT ARCHITECTURE

REGISTERED ARCHITECT 6619 JOHN STAPLETON EUGENE, OREGON STATE OF OREGON

CONSTRUCTION DRAWING SET

4J SECURITY IMPROVEMENTS

PROJECT #: 2207

EUGENE SCHOOL DISTRICT 4J

SHEET TITLE:

TITLE SHEET

REVISIONS:

#	DESCRP.	DATE

ISSUE DATE: 01.01.2018

TITLE

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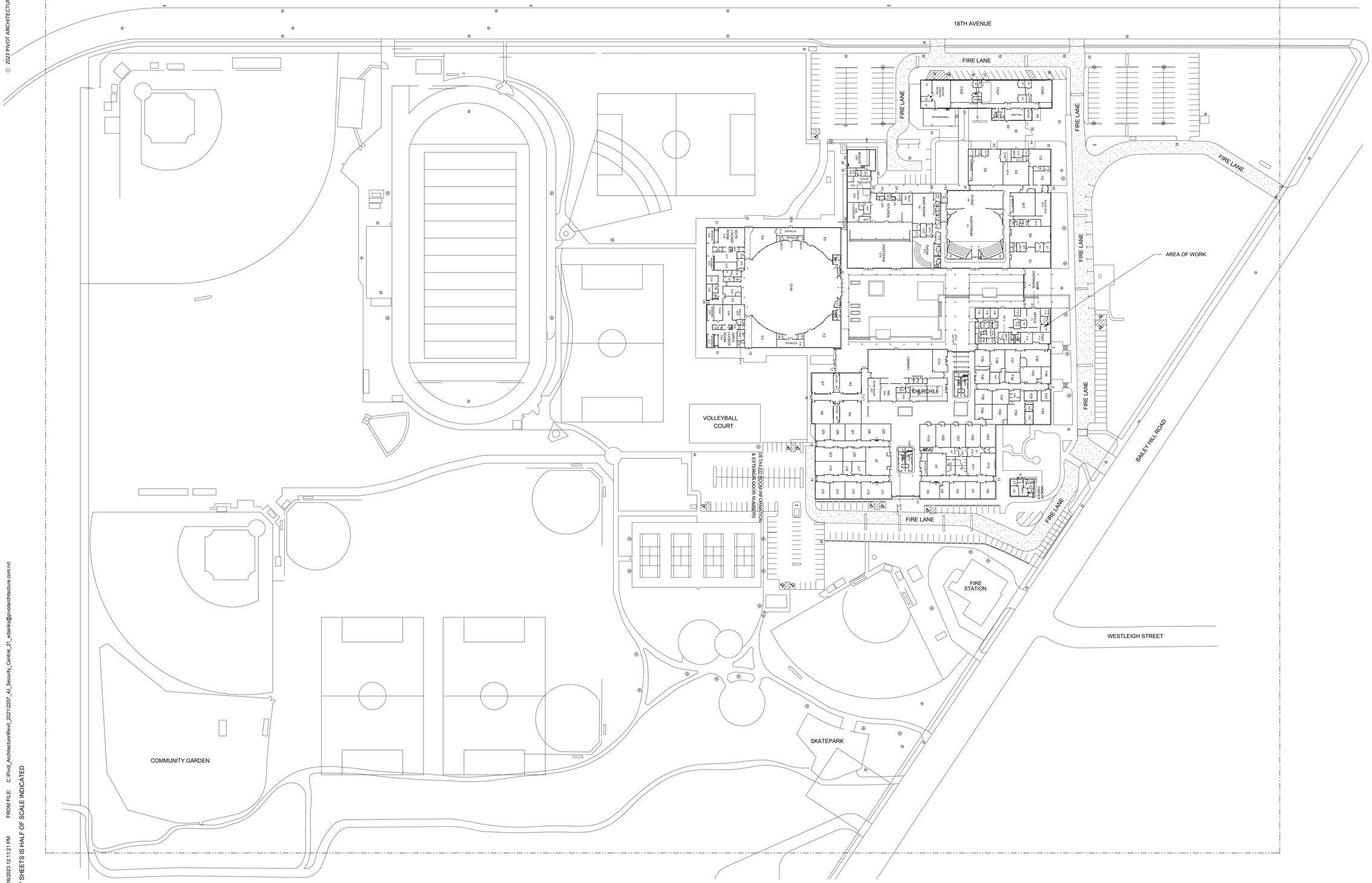
SCALE OF 11 x 17 SHEETS IS HALF OF SCALE INDICATED



1 1_EXISTING SITE PLAN CHURCHILL
1" = 80'-0"

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SCALE OF 11 x 17 SHEETS IS HALF OF SCALE INDICATED

PIVOT ARCHITECTURE

REGISTERED ARCHITECT 6619 JOHN STAPLETON EUGENE, OREGON STATE OF OREGON

CONSTRUCTION DRAWING SET

4J SECURITY IMPROVEMENTS

PROJECT #: 2207

EUGENE SCHOOL DISTRICT 4J

SHEET TITLE:

SITE PLAN CHURCHILL

REVISIONS:

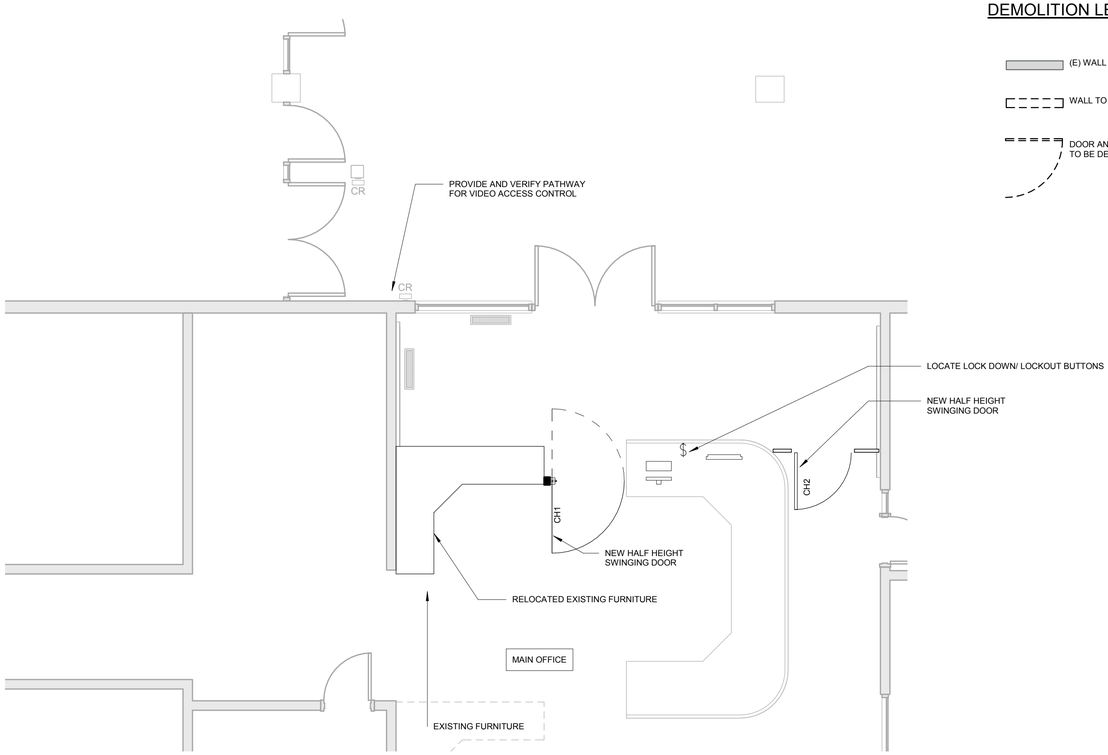
#	DESCRP.	DATE

ISSUE DATE: 03.15.23

A01-C

DOOR SCHEDULE - CH

MARK	WIDTH	HEIGHT	DOOR PANEL TYPE	DOOR FRAME TYPE	DOOR FRAME FINISH	HARDWARE GROUP	COMMENTS
CH1	3' - 10"	3' - 6"	ALUM	ALUM	PER MANUFACTURER	PER MANUFACTURER	HALF HEIGHT ALUMINUM TRAFFIC DOOR - VERIFY OPENING IN FIELD



2 FLOOR PLAN - NEW CONSTRUCTION

1/4" = 1'-0"

0' 4' 8' 16'

N

GENERAL NOTES - DEMOLITION

A. PROTECT ALL EXISTING CONSTRUCTION TO REMAIN.
B. COORDINATE WITH OWNER FOR REMOVAL AND STORAGE OF (E) EQUIPMENT AND CASEWORK TO BE SALVAGED.
C. REMOVE EXISTING DOOR WALL STOPS WHERE DOORS NO LONGER EXIST.
D. PROTECT (E) FLOORS, WALLS, CEILINGS & FINISHES TO REMAIN.
E. REMOVE AND STORE MATERIAL AND EQUIPMENT WHERE INDICATED TO BE SALVAGED OR RELOCATED.
F. WHEN REMOVING FLOOR FINISHES REMOVE ALL ADHESIVE, GROUT, RESIDUE AND DEBRIS.
G. COORDINATE WITH ELECTRICAL FOR ITEMS TO BE DEMOLISHED, REMOVED, AND/OR SALVAGED.
H. COORDINATE WITH MECHANICAL/PLUMBING FOR ITEMS TO BE DEMOLISHED, AND/OR SALVAGED.
I. COORDINATE WITH OWNERS MODULAR SYSTEMS FURNITURE CONTRACTOR FOR CHANGES TO FURNITURE AND SYSTEM CASEWORK.
J. COORDINATE WITH OWNER FOR ANY CEILING/FLOORING DISRUPTION REGARDING ACM

GENERAL NOTES - FLOOR PLANS

A. DIMENSIONS SHOWN ARE TO THE FACE OF STUD, CONCRETE OR MASONRY UNLESS OTHERWISE NOTED. CONTACT THE ARCHITECT FOR ANY ADDITIONAL DIMENSIONS REQUIRED TO LAY OUT THE WORK.
B. MASONRY DIMENSIONS ARE THE ACTUAL MASONRY UNIT SIZES UNLESS OTHERWISE NOTED.
C. REFER TO WALL ASSEMBLY INFORMATION FOR WALL CONSTRUCTION AND THICKNESS.
D. REPAIR PATCHED SURFACES THAT ARE DAMAGED, LIFTED, DISCOLORED, OR SHOWING OTHER IMPERFECTIONS DUE TO PATCHING WORK. IF DEFECTS ARE DUE TO CONDITION OF SUBSTRATE, REPAIR SUBSTRATE PRIOR TO REPAIRING FINISH.
E. WHERE (E) FLOOR IS TO REMAIN, PROTECT FROM DAMAGE. PATCH AND REPAIR ANY HOLES IN CONCRETE SLAB CAUSED BY DEMOLITION OF EXISTING WALLS, (I.E. WALL ANCHORS).
F. PATCH AND REPAIR ANY WALL AND CEILING LOCATIONS WHERE EXISTING ELECTRICAL AND VOICE/DATA OUTLET, JUNCTION BOXES, AND SIMILAR WALL MOUNTED ITEMS ARE REMOVED OR ABANDONED WITHIN THE WORK AREA.
G. PATCH AND REPAIR WALL AND CEILING SURFACES WHERE MODULAR SYSTEMS FURNITURE WAS REMOVED BY SEPARATE CONTRACTOR.
H. PATCH AND REPAIR ANY WALL LOCATIONS WHERE EXISTING WALL COVERING HAS BEEN REMOVED WITHIN THE WORK AREA.
I. PATCH AND REPAIR ANY WALL LOCATIONS WHERE EXISTING WALL BASE HAS BEEN REMOVED WITHIN THE WORK AREA.
J. PATCH AND REPAIR ANY WALL LOCATIONS WHERE EXISTING EQUIPMENT, ACCESSORIES, HARDWARE OR OTHER SURFACE MOUNTED ELEMENTS HAVE BEEN REMOVED WITHIN THE WORK AREA
K. VERIFY LOCATION OF PROX-CARD READERS, AUTOMATIC DOOR OPENERS AND WIRELESS ACTUATORS WITH ARCHITECT DURING ROUGH-IN PHASE OF THE WORK.
L. COORDINATE WITH OWNER FOR ANY CEILING/FLOORING DISRUPTION REGARDING ACM

DEMOLITION LEGEND

(E) WALL TO REMAIN

WALL TO BE DEMOLISHED

DOOR AND FRAME TO BE DEMOLISHED

PIVOT ARCHITECTURE

REGISTERED ARCHITECT 6619 JOHN STAPLETON EUGENE, OREGON STATE OF OREGON

CONSTRUCTION DRAWING SET

4J SECURITY IMPROVEMENTS

PROJECT #: 2207

EUGENE SCHOOL DISTRICT 4J

SHEET TITLE:

CHURCHILL - FLOOR PLAN

REVISIONS:

#	DESCRP.	DATE

ISSUE DATE: 03.15.23

A02-C

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INSTALLATION NOTES - ELECTRICAL

1. BECOME FAMILIAR WITH EXISTING CONDITIONS PRIOR TO BID.
2. MOUNT SURFACE RACEWAYS USING MECHANICAL MOUNTING SYSTEMS AND FASTENERS. MOUNTING THROUGH THE USE OF ADHESIVE IS NOT PERMISSIBLE.
3. INCREASE CONDUCTOR SIZES ON 20A 120V-1 PHASE CIRCUITS EXCEEDING 100 FEET TO CENTER OF LOAD TO ACCOUNT FOR VOLTAGE DROP.
4. RACEWAYS AND BOXES ARE SHOWN DIAGRAMMATICALLY ONLY AND INDICATE GENERAL AND APPROXIMATE LOCATIONS. LAYOUTS DO NOT ALWAYS SHOW THE TOTAL NUMBER OF RACEWAYS OR BOXES FOR THE CIRCUITS REQUIRED, NOR ARE THE LOCATIONS OF INDICATED RUNS INTENDED TO SHOW THE ACTUAL ROUTING OF THE RACEWAYS.
5. LIGHT FIXTURES, SWITCHES, DEVICES, ETC. ARE SHOWN IN PREFERRED LOCATION. MODIFY CONDUIT, HANGERS, CIRCUITING, ETC. TO PROVIDE A COMPLETE AND OPERATIONAL SYSTEM.
6. PROVIDE A DEDICATED GREEN INSULATED GROUND CONDUCTOR TO ALL DEVICES. DO NOT USE CONDUIT SYSTEM AS THE ONLY EQUIPMENT GROUNDING METHOD.
7. DO NOT INSTALL BOXES BACK-TO-BACK ON OPPOSITE SIDES OF THE SAME WALL. MAINTAIN MINIMUM OF 8" DISTANCE BETWEEN BOXES WHEREVER APPLICABLE.
8. BALANCE PANEL LOADS DURING INSTALLATION. CIRCUIT NUMBERING SHOWN ON PLANS MAY BE ADJUSTED TO ACCOMODATE.
9. PROVIDE TYPED PANEL DIRECTORY AT PROJECT COMPLETION FOR NEW PANELS AND EXISTING PANELS WITH CIRCUITS MODIFIED AS A RESULT OF THIS PROJECT. USE OWNER'S CURRENT ROOM NUMBERS AND EQUIPMENT NAMES.
10. CONTRACTOR IS RESPONSIBLE FOR OPENINGS IN WALLS, FLOORS, CEILINGS, AND ROOFS THAT ARE REQUIRED TO COMPLETE THEIR SCOPE OF WORK. SEAL PENETRATIONS IN ACCORDANCE WITH THE RATING OF THE AFFECTED ASSEMBLY. REFER TO ARCHITECTURAL CODE PLAN FOR RATED WALLS, FLOORS, AND CEILINGS.

DEVICE INSTALLATION AND MATERIALS - ELECTRICAL

1. PROVIDE NORMAL WIRING DEVICES AS WHITE / ALMOND / GRAY / BLACK UNLESS OTHERWISE NOTED.
2. PROVIDE DEVICES COVER PLATES AS PLASTIC / STAINLESS STEEL. MATCH WIRING DEVICES COLOR.
3. PROVIDE GFCI TYPE RECEPTACLES AT ALL LOCATIONS REQUIRED BY THE NEC.
4. INSTALL WALL MOUNTED RECEPTACLES AT +18" ABOVE FINISHED FLOOR UNLESS OTHERWISE NOTED.
5. INSTALL WALL MOUNTED LIGHT SWITCHES AT +46" ABOVE FINISHED FLOOR UNLESS OTHERWISE NOTED. EXCEPTION; INSTALL DEVICES ABOVE AN OBSTRUCTED HIGH FORWARD REACH OBSTACLE GREATER THEN 20 INCHES IN DEPTH AT +42".
6. INSTALL ABOVE COUNTERTOP RECEPTACLES +8" ABOVE COUNTERTOP OR AS OTHERWISE INDICATED.
7. AT A COMMON COUNTERTOP, INSTALL ALL RECEPTACLES AND SWITCHES AT THE SAME HEIGHT UNLESS OTHERWISE SPECIFICALLY INDICATED.

INSTALLATION NOTES - LIGHTING

1. UNLESS NOTED OTHERWISE, CONNECT ALL EMERGENCY BATTERY FIXTURES WITH AN UN-SWITCHED LEG OF THE LIGHTING CIRCUIT THAT SERVES THE FIXTURES SPACE. MAINTAIN NORMAL SWITCHING SCHEME OF EMERGENCY FIXTURES UNDER NORMAL OPERATION. INSTALL PER EMERGENCY FIXTURE OR TRANSFER DEVICE INSTRUCTIONS.
2. VERIFY CEILING TYPE (IE. GRID, GYP) WITH ARCHITECTURAL REFLECTED CEILING PLANS PRIOR TO RELEASE OF LIGHTING FIXTURE EQUIPMENT PACKAGE. ADJUST FIXTURE TYPE, CONSTRUCTION, FLANGE, OR OTHER COORDINATION DETAILS AS REQUIRED FOR CEILING TYPE.
3. LIGHTING CONTROLS SENSORS ARE SHOWN ON PLANS AT SUGGESTED LOCATIONS ONLY. VERIFY LOCATIONS WITH MANUFACTURER GUIDELINES AND INSTALLATION RECOMMENDATIONS. ADJUST LOCATIONS AS REQURIED TO MEET MANUFACTURER GUIDELINES.
4. PROVIDE LIGHTING CONTROLS AS A COMPLETE SYSTEM AND INCLUDE MATERIAL AND INSTALLATION FOR ALL POWER PACKS, ACCESSORIES, CONTROLLERS, AND WIRING REQUIRED FOR OPERATION.

BUILDING EQUIPMENT COORDINATION NOTES - ELECTRICAL

1. REFER TO EQUIPMENT CONNECTION SCHEDULE FOR COORDINATION DETAILS BETWEEN MECHANICAL AND ELECTRICAL SYSTEMS.
2. PROVIDE AND INSTALL ELECTRICAL SYSTEMS UNDER THIS CONTRACT MEETING THE REQUIREMENTS OF THE SPECIFIED MECHANICAL, FIRE PROTECTION, AND PLUMBING SYSTEMS. REFERENCE THE ENTIRE PROJECT DOCUMENTS, MANUALS, SCHEDULES, DETAILS, AND NOTES.
3. PROVIDE ELECTRICAL CONNECTIONS AND ACCESSORIES INCLUDING STARTERS, DISCONNECTS, CONTROL WIRING, ETC. AS REQUIRED FOR THE BUILDING MECHANICAL EQUIPMENT. INFORMATION HEREIN AND ON THE DRAWINGS IS FOR GENERAL DESCRIPTION AND ESTIMATING PURPOSES ONLY. VERIFY VOLTAGE, AMPERAGE, PHASE, INRUSH, ETC. FOR EACH ITEM OF EQUIPMENT BEFORE PROCEEDING WITH INSTALLATION. INSTALL EQUIPMENT PER WIRING DETAILS AND INSTRUCTIONS FURNISHED BY THE SUPPLIERS OF THE EQUIPMENT TO PROVIDE PROPER OPERATION.
4. REVIEW MECHANICAL EQUIPMENT SHOP DRAWINGS FOR COMPLIANCE AND COORDINATION WITH ELECTRICAL CONNECTIONS. NOTIFY ENGINEER IF CHANGES TO ELECTRICAL CONNECTIONS, WIRING, AND BREAKER REQUIREMENTS ARE NECESSARY TO ACCOMMODATE EQUIPMENT BEING SUPPLIED.
   a. DO NOT RELEASE ELECTRICAL DISTRIBUTION EQUIPMENT UNTIL ALL MECHANICAL EQUIPMENT REQUIRING ELECTRICAL INFRASTRCTURE HAS BEEN SUBMITTED AND APPROVED. MAKE COORDINATION ADJUSTMENTS TO BREAKER SIZES AND SIMILAR CHANGES TO ELECTRICAL EQUIPMENT PRIOR TO SUBMITTAL RELEASE. COORDINATE SCHEDULING OF SHOP DRAWINGS WITH ALL TRADES.

PROVIDE DISCONNECTS RATED FOR EQUIPMENT AS REQUIRED AND AS INDICATED WITHIN EQUIPMENT CONNECTION SCHEDULE. COORDINATE DISCONNECT MOUNTING TO ALLOW EQUIPMENT REMOVAL WITHOUT DISCONNECT REMOVAL AND TO MINIMIZE WIRING WORK REQUIRED.

PROVIDE HEAVY DUTY TYPE DISCONNECTS RATED FOR THE INSTALLED ENVIRONMENT. PROVIDE MINIMUM NEMA 3R RATED DISCONNECTS FOR EXTERIOR INSTALLATIONS OR AS NOTED.

VERIFY LOCATIONS OF ALL EQUIPMENT. REFER TO MECHANICAL, PLUMBING, AND ARCHITECTURAL DRAWINGS AND COORDINATE WITH THE ASSOCIATED SUB-CONTRACTOR. ADJUST ELECTRICAL INSTALLATION AS REQUIRED.

INSTALLATION NOTES - SYSTEMS

REFER TO TECHNOLOGY SERIES SHEETS FOR ROUGH-IN REQUIREMENTS.

REFER TO ELECTRICAL/TECHNOLOGY SCOPE OF RESPONSIBILITY MATRIX.

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SCALE OF 11" X 17" SHEETS IS HALF OF SCALE INDICATED

ELECTRICAL ABBREVIATIONS

A	DEVICE MOUNTED +8" ABOVE COUNTER TOP (VERIFY LOCATION)	NIC	NOT IN CONTRACT
		NM	NONMETALLIC
AFF	ABOVE FINISHED FLOOR	NTS	NOT TO SCALE
ATS	AUTOMATIC TRANSFER SWITCH	OC	ON CENTER
C	CEILING	OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
CB	CIRCUIT BREAKER		
CT	CURRENT TRANSFORMER	OFOI	OWNER FURNISHED, OWNER INSTALLED
E	EXISTING ITEM TO REMAIN		
EC	ELECTRICAL CONTRACTOR	R	EXISTING ITEM TO BE REMOVED
EM	EMERGENCY LIGHT FIXTURE	RR	EXISTING ITEM TO BE REMOVED AND RELOCATED
ER	NEW LOCATION OF EXISTING ITEM		
F	ROUGH IN FOR FUTURE DEVICE	RN	EXISTING ITEM TO BE REMOVED AND REPLACED WITH NEW
FAAP	FIRE ALARM ANNUNCIATOR PANEL		
FACP	FIRE ALARM CONTROL PANEL	SCCR	SHORT CIRCUIT CURRENT RATING
FSD	FIRE SMOKE DAMPER	T	TAMPER PROOF DEVICE
G	GROUND FAULT CIRCUIT INTERRUPTER	TCC	TEMPERATURE CONTROL CONTRACTOR
GND	GROUND	TV	TELEVISION
KVA	KILO-VOLT-AMPERES	TYP	TYPICAL
KW	KILOWATTS	UPS	UNINTERRUPTIBLE POWER SUPPLY
MC	MECHANICAL CONTRACTOR	V	VOLTS
MCB	MAIN CIRCUIT BREAKER	VA	VOLT-AMPERES
MDP	MAIN DISTRIBUTION PANEL	WG	WIREGUARD COVER
MLO	MAIN LUGS ONLY	WP	WEATHERPROOF DEVICE
N	NEW DEVICE IN EXISTING LOCATION	WR	WEATHER RESISTANT DEVICE
		+24"	INDICATES MOUNTING HEIGHT CENTER LINE OF DEVICE TO FINISHED FLOOR

GENERAL NOTES - ELECTRICAL

1. COORDINATE LOCATION/INSTALLATION OF MECHANICAL AND ELECTRICAL WORK WITH ALL OTHER TRADES. BEGIN INSTALLATION AND ROUGH-IN ONLY AFTER PROPER AND TIMELY COORDINATION WITH ALL TRADES ASSOCIATED WITH THE INSTALLATION IS COMPLETE. COORDINATE WITH BUILDING STRUCTURE, ARCHICTURE, MECHANICAL SHEET METAL, ALL PIPING SYSTEMS, LIGHT FIXTURES, CONDUITS, CABLE TRAYS, EQUIPMENT ACCESS/CLEARANCE, ETC. REFER TO ALL GENERAL, MECHANICAL, AND ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR THIS PROJECT. CONTRACTOR IS RESPONSIBLE FOR REWORK OF INSTALLED EQUIPMENT RESULTING FROM INSUFFICIENT COORDINATION.
2. ELECTRICAL DRAWINGS ARE ONLY A PORTION OF THE COMPLETE SET OF PLANS AND CONTRACT DOCUMENTS. THE ELECTRICAL SCOPE OF WORK IS DEFINED BY THE COMPLETE SET OF CONTRACT DOCUMENTS. THIS INCLUDES BUT IS NOT LIMITED TO REFERENCING; ARCHITECTURAL PLANS FOR DIMENSIONS AND DETAILS; EQUIPMENT PLANS FOR ROUGH-IN REQUIREMENTS; MECHANICAL PLANS FOR EQUIPMENT SIZES AND LOCATIONS.

CODE NOTES - ELECTRICAL

1. PROVIDE ELECTRICAL INSTALLATION IN ACCORDANCE WITH ALL LOCAL, STATE, AND NATIONAL CODES.
2. THE CURRENT ADOPTED EDITION OF THE ELECTRICAL CODE IS THE STANDARD FOR THE ELECTRICAL INSTALLATION. VERIFY WITH LOCAL OFFICIALS WHEN PERMITS ARE OBTAINED. NOTIFY DESIGN TEAM OF ANY DESCREPANCIES BETWEEN THE PROJECT MANUAL OR DRAWINGS AND THE GOVERNING CODE.
3. INSTALLATION SHALL FOLLOW REQUIREMENTS OF THE ADAAG –AMERICANS WITH DISABILITIES ACT.
4. REFER TO PROJECT MANUAL AND PROJECT CODE REVIEW SHEET FOR LIST OF APPLICABLE CODES.

DEMOLITION AND RENOVATION NOTES - ELECTRICAL

1. ELECTRICAL DEMOLITION DRAWINGS SHOWING EXISTING CONDITIONS HAVE BEEN PREPARED BASED ON FIELD OBSERVATION AND ORIGINAL DRAWINGS. FIELD VERIFY EXISTING CONDITIONS BEFORE WORK BEGINS. ADDITIONAL COMPONENTS MAY EXIST WHICH ARE NOT SHOWN. BECOME FAMILIAR WITH EXISTING ELECTRICAL SYSTEM WHICH WILL BE AFFECTED BY THE DEMOLITION WORK.
2. PROVIDE EQUIPMENT, LABOR, AND MATERIALS TO REMOVE ELECTRICAL FACILITIES AND CLEAR THE AREA TO RECEIVE THE NEW WORK PROVIDED UNDER THIS CONTRACT.
3. IN OCCUPIED AREAS BEYOND THE DEMOLITION SCOPE, KEEP EXISTING SYSTEMS NOT AFFECTED BY PROJECT SCOPE OPERATIONAL THROUGH THE DURATION OF THE PROJECT. OBTAIN PERMISSION FROM OWNER'S REPRESENTATIVE TO SHUT OFF SERVICES OR SYSTEMS WHICH MAY AFFECT OTHER AREAS BEYOND THE LIMITS OF THE DEMOLITION AREA. INFORM OWNER'S REPRESENTATIVE OF THE REASON FOR AND DURATION OF THE SHUTDOWN AND ENSURE THAT THE SHUTDOWN IS MADE WITH AS LITTLE INCONVENIENCE TO OTHER AREAS AS POSSIBLE.
4. REMOVE CONDUITS, BOXES, ETC., AS REQUIRED BY WALL, CEILING, AND ADJACENT COMPONENTS DEMOLITION. REMOVE EXISTING WIRE UNLESS OTHERWISE NOTED.
5. INSTALL NEW CONDUCTORS FOR NEW CIRCUITS IN REMODELED AREAS UNLESS SPECIFICALLY NOTED OTHERWISE. RETAIN EXISTING CONDUITS IN GOOD CONDITION WHERE APPROVED BY ENGINEER OR AS INDICATED.
6. IDENTIFY DISCONNECTED BRANCH CIRCUIT LOCATION OR ITEM SERVED BEFORE DISCONNECTION. UPDATE PANEL/EQUIPMENT DIRECTORY ACCORDINGLY.
7. MAINTAIN CIRCUITS SERVING AREAS BEYOND THE DEMOLITION AREA. EXTEND NEW WIRING AND BYPASS DEMOLISHED DEVICES TO MAINTAIN EXISTING CIRCUITS.
8. KEEP EXISTING SYSTEMS OPERATIONAL DURING ALL PHASES OF CONSTRUCTION. DO NOT CUT EXISTING TELECOMMUNICATION WIRING, CABLES OR CONDUIT. CONTRACTORS WHO CUT IN-SERVICE CABLES ARE RESPONSIBLE FOR ALL DOWNTIME AND COSTS TO REPAIR.
9. INSTALL BLANK COVER PLATES OVER OPENING AT REMOVED DEVICE LOCATIONS. THIS INCLUDES BUT IS NOT LIMITED TO, CLOCKS, RECEPTACLES, SWITCHES, JUNCTION BOXES, ETC.
10. PROVIDE CUTTING AND PATCHING OF EXISTING MATERIALS AS REQUIRED FOR THE PROPER COMPLETION OF THE DEMOLITION WORK AND THE INSTALLATION OF THE NEW WORK.
11. MAINTAIN FULL FUNCTIONAL AND AESTHETIC INTEGRITY OF DEVICES IDENTIFIED TO BE REMOVED AND RELOCATED, AND HANDLE WITH APPROPRIATE CARE TO ALLOW FOR REINSTALLATION. REPLACE DEVICES DAMAGED DURING DEMOLITION WITH NEW AT CONTRACTOR'S EXPENSE.
12. EQUIPMENT AND SYSTEM THAT ARE REMOVED REMAIN THE PROPERTY OF THE OWNER UNLESS OTHERWISE NOTED. DISPOSE OF ALL MATERIALS NOT SALVAGED BY THE OWNER.
13. REMOVE AND REINSTALL CEILING TILES REQUIRED FOR THE WORK BEING DONE UNDER THIS CONTRACT. REPLACE CEILING TILES DAMAGED DURING CONSTRUCTION TO MATCH EXISTING.

PROJECT DELIVERY NOTES - ELECTRICAL

1. THE DELIVERY METHOD FOR THIS PROJECT IS INDIVIDUAL SUB-CONTRACTS TO ONE GENERAL CONTRACTOR. THIS CONTRACTOR IS RESPONSIBLE FOR MEETING WITH ALL SUB-CONTRACTORS TO COORDINATE LOCATIONS AND INSTALLATION OF MECHANICAL AND ELECTRICAL WORK WITH ALL OTHER TRADES. REWORK OF INSTALLED EQUIPMENT WILL BE AT CONTRACTORS EXPENSE.

LIGHTING SYMBOLS

- RECESSED LIGHT FIXTURE, LETTER INDICATES SWITCH LEG (TYPICAL), SHADING INDICATES EMERGENCY LIGHT (TYPICAL)
- ROUND LIGHT FIXTURE - SURFACE MOUNTED
- SQUARE LIGHT FIXTURE - SURFACE MOUNTED
- PENDANT MOUNTED LIGHT FIXTURE
- ROUND APERTURE RECESSED DOWNLIGHT FIXTURE, ARROW INDICATES WALLWASH
- SQUARE APERTURE RECESSED DOWNLIGHT FIXTURE, ARROW INDICATES WALLWASH
- SURFACE MOUNTED STRIP FIXTURE
- LINEAR PENDANT MOUNTED FIXTURE
- INDUSTRIAL STRIP LIGHT FIXTURE
- WALL MOUNTED STRIP LIGHT FIXTURE.
- COVE LIGHT FIXTURE
- CONTINUOUS WALL MOUNTED FIXTURE.
- TRACK LIGHTING, ELEVATION AS NOTED.
- EMERGENCY LIGHT FIXTURE, WALL MOUNT, +96" OR AS NOTED
- EMERGENCY LIGHT FIXTURE, CEILING MOUNT
- EXIT SIGN, WALL MOUNT +96", SHADED AREAS INDICATE NUMBER OF FACES, ARROWS INDICATE SIGN ARROWS
- EXIT SIGN, CEILING MOUNT, SHADED AREAS INDICATE NUMBER OF FACES, ARROWS INDICATE SIGN ARROWS
- COMBINATION EXIT SIGN & EMERGENCY LIGHT, WALL MOUNT +96", SHADED AREAS INDICATE NUMBER OF FACES, ARROWS INDICATE SIGN ARROWS
- COMBINATION EXIT SIGN & EMERGENCY LIGHT, CEILING MOUNT, SHADED AREAS INDICATE NUMBER OF FACES, ARROWS INDICATE SIGN ARROWS
- EXTERIOR LIGHT FIXTURE, WALL MOUNT +10', OR AS NOTED
- INTERIOR LIGHT FIXTURE, WALL MOUNT
- EXTERIOR POLE MOUNTED LIGHT FIXTURE, REFER TO LIGHT FIXTURE SCHEDULE
- BOLLARD LIGHT FIXTURE
- EXTERIOR FLOOD LIGHT FIXTURE, REFER TO LIGHT FIXTURE SCHEDULE
- EMERGENCY REMOTE HEAD LIGHT FIXTURE, REFER TO LIGHT FIXTURE SCHEDULE
- CEILING FAN
- SINGLE POLE SWITCH, WALL MOUNT +48", OR AS NOTED, LETTER INDICATES SWITCH LEG
- THREE WAY SWITCH, WALL MOUNT +48", OR AS NOTED, LETTER INDICATES SWITCH LEG
- PILOT LIGHT SWITCH, WALL MOUNT +48", OR AS NOTED, LETTER INDICATES SWITCH LEG
- DIMMER SWITCH, WALL MOUNT +48", OR AS NOTED, LETTER INDICATES SWITCH LEG
- LIGHTING CONTROLS LOW VOLTAGE SWITCH, WALL MOUNT +48", OR AS NOTED, LETTER INDICATES SWITCH LEG, REFER TO LIGHTING CONTROLS SCHEDULE
- OCCUPANCY SENSOR, WALL MOUNT +48" OR AS NOTED, NUMBER INDICATES TYPE, LETTER INDICATES SWITCH LEG, REFER TO LIGHTING CONTROLS SCHEDULE
- OCCUPANCY SENSOR, CEILING MOUNT, NUMBER INDICATES TYPE, LETTER INDICATES SWITCH LEG, REFER TO LIGHTING CONTROLS SCHEDULE
- DAYLIGHTING SENSOR, CEILING MOUNT, NUMBER INDICATES TYPE, LETTER INDICATES SWITCH LEG, REFER TO LIGHTING CONTROLS SCHEDULE
- LIGHTING CONNECTION, REFER TO LIGHTING FIXTURE SCHEDULE FOR FIXTURE DESCRIPTION
- ETD — EMERGENCY TRANSFER DEVICE
- LC — LIGHTING CONTACTOR
- R — RELAY
- PC — PHOTOCELL
- RC — ROOM/ZONE CONTROLLER, MOUNT ABOVE ACCESSIBLE CEILING

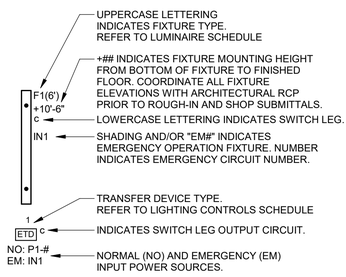
GENERAL SYMBOLS

- CONDUIT SLEEVE
- CONDUIT UP, REFER TO TAG ON DRAWING FOR SIZE
- CONDUIT DOWN, REFER TO TAG ON DRAWING FOR SIZE
- JUNCTION BOX, CEILING OR FLOOR MOUNTED.
- JUNCTION BOX, WALL MOUNTED, ELEVATION AS NOTED.
- CIRCUIT HOMERUN, CONCEALED CONDUIT OR CABLE
- CIRCUIT HOMERUN, UNDER FLOOR CONDUIT OR CABLE
- # — KITCHEN EQUIPMENT TAG NUMBER, REFER TO KITCHEN EQUIPMENT CONNECTION SCHEDULE
- # — KEYNOTE
- XXX / X — EQUIPMENT IDENTIFICATION TAG. REFER TO EQUIPMENT CONNECTION SCHEDULE
- 1 / A101 SIM — DETAIL DRAWING REFERENCE TAG, SIM-SIMILAR, TYP-TYPICAL, OPP-OPPOSITE; SHEET REFERENCE
- 1 / A101 SIM — SECTION CUT REFERENCE TAG, SIM-SIMILAR, TYP-TYPICAL, OPP-OPPOSITE; SHEET REFERENCE
- A101 / 1 Ref — INTERIOR ELEVATION DRAWING REFERENCE TAG

POWER SYMBOLS

- DUPLEX RECEPTACLE, TAMPER-RESISTANT, WALL MOUNT +18", OR AS NOTED
- QUADRAPLEX RECEPTACLE, TAMPER-RESISTANT, WALL MOUNT +18", OR AS NOTED
- QUADRAPLEX GFCI RECEPTACLE, TAMPER-RESISTANT, WALL MOUNT +18", OR AS NOTED
- SPECIAL RECEPTACLE, WALL MOUNT +18", OR AS NOTED, REFER TO ELECTRICAL EQUIPMENT CONNECTION SCHEDULE FOR RECEPTACLE TYPE
- SPECIAL RECEPTACLE, CEILING MOUNT, REFER TO ELECTRICAL EQUIPMENT CONNECTION SCHEDULE FOR RECEPTACLE TYPE
- EQUIPMENT CONNECTION, REFER TO ELECTRICAL EQUIPMENT CONNECTION SCHEDULE FOR CONNECTION TYPE
- EQUIPMENT CONNECTION, WALL MOUNT +18", OR AS NOTED, REFER TO ELECTRICAL EQUIPMENT CONNECTION SCHEDULE FOR CONNECTION TYPE
- DOOR PUSH BUTTON (WEATHERPROOF), +48" OR AS NOTED
- PP — POWER / DATA POLE
- PANELBOARD - SURFACE MOUNTED
- PANELBOARD - RECESSED IN WALL

LIGHTING PLANS NOTATION KEY



NOTE: ALL SYMBOLS MAY NOT APPLY TO THIS PROJECT

PIVOT ARCHITECTURE

REGISTERED PROFESSIONAL ENGINEER
97568
Shyla Keays-Goodman
OREGON
SEP. 14, 2021
SHYLA KEAYS-GOODMAN
EXPIRES: 6/30/2023

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CONSTRUCTION DRAWING SET

4J SECURITY IMPROVEMENTS

PROJECT #: 2207

EUGENE SCHOOL DISTRICT 4J

SHEET TITLE:

ELECTRICAL GENERAL NOTES & SYMBOLS

REVISIONS:

#	DESCRP.	DATE

ISSUE DATE: 03.15.23

E00

TELECOMMUNICATIONS DISTRIBUTION NOTES

A. PROVIDE PENETRATIONS AND PATHWAYS AS REQUIRED TO ROUTE ALL CABLING INFRASTRUCTURE ILLUSTRATED IN THE DRAWINGS. TREAT EACH NEW PENETRATION AS A 1-HOUR FIRE RATED WALL UNLESS OTHERWISE NOTED. PROVIDE REQUIRED FIRE STOPPING TO MAINTAIN THIS RATING.

B. REAM CONDUIT TO REMOVE BURRS AND ROUGH EDGES. PROVIDE A PROTECTIVE BUSHING AT THE END OF ANY CONDUIT STUB TO PROTECT CABLING INFRASTRUCTURE.

C. PROVIDE CABLE SUPPORT FOR ROUTING ALL NEW INFRASTRUCTURE. INSIDE OF ABOVE ACCESSIBLE CEILING SPACES, CABLING CAN BE FLOWN FREE-AIR UTILIZING J-HOOKS AND OTHER ACCESSORIES TO SUPPORT CABLING. CABLE SHALL NOT BE ALLOWED TO REST ON TOP OF CEILING TILES OR TO UTILIZE GRID SUPPORT SYSTEM.

D. ALL OPEN CEILING AREAS SHALL HAVE CABLING CONCEALED IN CONDUIT. EXPOSED CABLING SHALL NOT BE ACCEPTED.

E. ROUTE CONDUIT SERVING WORK AREA OUTLET DATA DIRECTLY TO THE CABLE TRAY (WHERE APPLICABLE). CONDUIT STUB SHALL BE DIRECTLY OVERHEAD OF THE TRAY TO ALLOW FOR CONVENIENT FUTURE MOVE, ADDS OR CHANGES.

F. THE FINAL ROUTING IS AT THE DISCRETION OF THE INSTALLING CONTRACTOR. THE CONTRACTOR IS ENCOURAGED TO INVESTIGATE EXISTING BUILDING CONDITIONS AND UTILIZE ABOVE ACCESSIBLE CEILING, SOFFIT AND BELOW CRAWL SPACES WHERE AVAILABLE TO ROUTE NEW TECHNOLOGY INFRASTRUCTURE.
   a. EXPOSED PATHWAYS IN PUBLIC SPACES MUST BE APPROVED BY THE ARCHITECT OR ENGINEER PRIOR TO INSTALLATION.

FIRE DETECTION & ALARM NOTES

A. EXTEND THE EXISTING FIRE DETECTION AND ALARM SYSTEM TO LOCATIONS ILLUSTRATED ON THE DRAWINGS.

B. FIRE ALARM ITEMS AND DEVICES ARE SHOWN IN SUGGESTED LOCATIONS. FINAL LAYOUTS, LOCATIONS, AND QUANTITIES SHALL BE IN ACCORDANCE WITH APPLICABLE CODES, MANUFACTURER'S RECOMMENDATIONS, AND EQUIPMENT LISTINGS. COORDINATE LOCATIONS WITH LIGHTING AND AIR HANDLING SYSTEMS.

C. ALL FIRE ALARM CIRCUITRY IN EXPOSED CEILING SPACES SHALL BE IN ¾" CONDUIT PER SPECIFICATIONS. EXPOSED CABLING SHALL NOT BE ACCEPTED.

D. ALL CONCEALED, ACCESSIBLE CEILING TILE LOCATIONS SHALL BE ALLOWED TO HAVE OPEN AIR CABLING INSTALLED. PROVIDE J-HOOKS AND ASSOCIATED CABLE SUPPORTS TO KEEP INFRASTRUCTURE MANAGED AND OFF OF THE CEILING TILE.

E. ELECTRICAL CONTRACTOR SHALL PROVIDE FIRESTOPPING AT ALL PENETRATIONS PER SPECIFICATION.

TECHNOLOGY GENERAL NOTES

A. NOTES APPLY TO ALL DIVISION 27 AND 28 SCOPE OF WORK ON "E" SERIES SHEETS.

B. COORDINATE LOCATION/INSTALLATION OF MECHANICAL AND ELECTRICAL WORK WITH ALL OTHER TRADES. BEGIN INSTALLATION AND ROUGH-IN ONLY AFTER PROPER AND TIMELY COORDINATION WITH ALL TRADES ASSOCIATED WITH THE INSTALLATION IS COMPLETE. COORDINATE WITH BUILDING STRUCTURE, ARCHICTURE, MECHANICAL SHEET METAL, ALL PIPING SYSTEMS, LIGHT FIXTURES, CONDUITS, CABLE TRAYS, EQUIPMENT ACCESS/CLEARANCE, ETC. REFER TO ALL GENERAL, MECHANICAL, AND ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR THIS PROJECT. CONTRACTOR IS RESPONSIBLE FOR REWORK OF INSTALLED EQUIPMENT RESULTING FROM INSUFFICIENT COORDINATION.

C. INCORPORATE THE REQUIREMENTS OF THE SPECIFICATIONS, DRAWINGS, AND STATE AND LOCAL CODES INTO THE INSTALLATION OF COMMUNICATIONS AND LIFE SAFETY/SECURITY SYSTEMS.

TECHNOLOGY PATHWAY GENERAL NOTES

A. EACH TRADE IS RESPONSIBLE FOR MAKING PENETRATIONS WHERE REQUIRED IN EXISTING OR NEW WALLS, FLOORS, CEILINGS, AND ROOFS. MAKE PENETRATIONS NEAT. CONCEAL OR CAULK OVERCUT.

B. SECURELY FASTEN SURFACE MOUNT RACEWAY AND CONDUIT UTILIZING MECHANICAL MOUNTING SYSTEMS AND FASTENERS PER SPECIFICATIONS. THE USE OF ADHESIVES AS A MEANS OF MOUNTING IS NOT ALLOWED.

C. PROVIDE A PULL STRING IN ALL NEW CONDUITS FOR EASE OF CABLE INSTALLATION.

COMMUNICATIONS DEMOLITION NOTES

A. EXISTING DEVICES AND DEVICE LOCATIONS WERE MADE BY CASUAL FIELD OBSERVATION. CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING SYSTEM COMPONENTS AND DEVICE LOCATIONS.

B. PROVIDE LABOR AND MATERIALS TO REMOVE ELECTRICAL FACILITIES AND CLEAR THE AREA TO RECEIVE THE NEW WORK TO BE PROVIDED UNDER THIS CONTRACT.

C. SYSTEMS SCHEDULED TO BE REMOVED SHALL BE DONE SO IN THEIR ENTIRETY. ABANDONED CABLING SHALL NOT BE ACCEPTED. REMOVE ALL ASSOCIATED FIELD DEVICES AND HEAD END EQUIPMENT.

D. REMOVED EQUIPMENT AND SYSTEMS SHALL REMAIN THE PROPERTY OF THE OWNER UNLESS OTHERWISE NOTED. MATERIALS NOT SALVAGED BY THE OWNER SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR FOR PROPER DISPOSAL.

E. REMOVE AND REINSTALL CEILING TILE REQUIRED FOR THE WORK BEING DONE UNDER THIS CONTRACT. DAMAGED CEILING TILE SHALL BE REPLACED TO MATCH EXISTING.

F. DO NOT CUT EXISTING TELECOMMUNICATIONS WIRING, CABLES OR CONDUIT AS EXISTING SYSTEMS SHALL REMAIN OPERATIONAL DURING CONSTRUCTION. CONTRACTOR WHO CUTS IN-SERVICE CABLES SHALL BE RESPONSIBLE FOR DOWNTIME AND THE COSTS TO REPAIR.

LIFE SAFETY & SECURITY DEMOLITION NOTES

A. EXISTING DEVICES AND DEVICE LOCATIONS WERE MADE BY CASUAL FIELD OBSERVATION. CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING SYSTEM COMPONENTS AND DEVICE LOCATIONS.

B. PROVIDE LABOR AND MATERIALS TO REMOVE ELECTRICAL FACILITIES AND CLEAR THE AREA TO RECEIVE THE NEW WORK TO BE PROVIDED UNDER THIS CONTRACT.

C. SYSTEMS SCHEDULED TO BE REMOVED SHALL BE DONE SO IN THEIR ENTIRETY. ABANDONED CABLING SHALL NOT BE ACCEPTED. REMOVE ALL ASSOCIATED FIELD DEVICES AND HEAD END EQUIPMENT.

D. REMOVED EQUIPMENT AND SYSTEMS SHALL REMAIN THE PROPERTY OF THE OWNER UNLESS OTHERWISE NOTED. MATERIALS NOT SALVAGED BY THE OWNER SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR FOR PROPER DISPOSAL.

E. REMOVE AND REINSTALL CEILING TILE REQUIRED FOR THE WORK BEING DONE UNDER THIS CONTRACT. DAMAGED CEILING TILE SHALL BE REPLACED TO MATCH EXISTING.

F. DO NOT CUT EXISTING TELECOMMUNICATIONS WIRING, CABLES OR CONDUIT AS EXISTING SYSTEMS SHALL REMAIN OPERATIONAL DURING CONSTRUCTION. CONTRACTOR WHO CUTS IN-SERVICE CABLES SHALL BE RESPONSIBLE FOR DOWNTIME AND THE COSTS TO REPAIR.

ACCESS CONTROL/SECURITY MANAGEMENT NOTES

A. EACH SITE HOSTS AN EXISTING LENEL ONGUARD ACCESS CONTROL PLATFORM. THE EXISTING PLATFORM IS TO BE EXTENDED TO ACCOMODATE THE SCHEDULED WORK. THE PROPOSED SCOPE OF WORK INCLUDES: MODIFICATION OF EXISTING ACCESS CONTROL OPENINGS, ADDITION OF NEW ACCESS CONTROL OPENINGS, AND UPGRADING THE HEAD END INTELLIGENT SYSTEM CONTROLLERS AT EACH SITE.

B. THE BIDDING CONTRACTOR IS RESPONSIBLE FOR PROGRAMMING IN COORDINATION WITH 4J SCHOOL DISTRICT.

C. DETAILS ILLUSTRATED IN THE DRAWINGS ARE DIAGRAMMATIC TO ILLUSTRATE PATHWAY, ROUGH-IN, DEVICE AND CABLING REQUIREMENTS. REVIEW SPECIFICATION SECTION 08 71 00 FOR ALL SPECIFIC ELEMENTS THAT ARE SCHEDULED AT EACH OPENING.

D. IT IS THE INTENT THAT ALL PATHWAYS AND ROUGH-IN SERVING ACCESS CONTROL SHALL BE RECESSED AND CONCEALED. EXPOSED CABLING OR SURFACE PATHWAYS ARE NOT ACCEPTABLE UNLESS APPROVED BY THE ARCHITECT OR ENGINEER.

INTRUSION DETECTION NOTES

1. EXTEND THE EXISTING DMP INTRUSION DETECTION SYSTEM. COORDINATE PLACING THE EXISTING PANEL IN TEST MODE WITH THE BUILDING OWNER DURING INSTALLATION.

2. THE SCOPE OF WORK INCLUDES THE ADDITION OF DOOR POSITION SWITCHES AT NEW AND MODIFIED ACCESS CONTROL OPENINGS. PROVIDE THE REQUIRED RELAYS, EXPANDER MODULES, WIRING AND OTHER ACCESSORIES REQUIRED TO ACCOMODATE THE PROPOSED WORK.

3. COORDINATE ZONING AND PROGRAMMING WITH 4J SCHOOL DISTRICT.

CABLING NOTES

A. CATEGORY CABLING SERVING DATA AND VOICE APPLICATIONS SHALL BE TESTED TO ENSURE ALL ELECTRICAL CHARACTERISTICS ARE COMPLIANT WITH THE SPECIFIED CLASSIFICATION (6A). UTILIZE FLUKE DSX EQUIPMENT OR EQUIVALENT AND PROVIDE ELECTRONIC RESULTS DURING CLOSEOUT PROCEDURES. ANY INSTANCE OF CABLING FAILING THE PERFORMANCE TEST SHALL BE RECTIFIED BY THE CONTRACTOR THROUGH RE-TERMINATION OR RUNNING NEW CABLING AT NO COST TO THE OWNER.

B. PROVIDE A CERTIFIED INSTALLATION BY THE MANUFACTURER. ENSURE THE WARRANTY IS PROVIDED AS THE SPECIFICATIONS REQUIRE.

C. WILD RETURN AIR IS EXPECTED IN THE PLENUM SPACES OF THIS PROJECT. THEREFORE, PROVIDE PLENUM RATED CABLING FOR ALL FLOWN INFRASTRUCTURE IN THE ABOVE ACCESSIBLE CEILING SPACES.

TECHNOLOGY RESPONSIBILITY MATRIX

PROVISION RESPONSIBILITIES DEFINED	OFOI	OFCI	CFCI	CFOI
COMMUNICATIONS - TELECOM SYSTEMS:				
ROUGH-IN, PATHWAYS AND SLEEVES			●	
RACKS, FRAMES AND ENCLOSURES	N/A	N/A	N/A	N/A
CABLE MANAGEMENT	N/A	N/A	N/A	N/A
UNINTERRUPTIBLE POWER SUPPLIES (RACK MOUNT)	N/A	N/A	N/A	N/A
PLYWOOD BACKBOARDS			●	
COPPER BACKBONE CABLING	N/A	N/A	N/A	N/A
OPTICAL FIBER BACKBONE CABLING	N/A	N/A	N/A	N/A
COAXIAL BACKBONE CABLING	N/A	N/A	N/A	N/A
COPPER HORIZONTAL CABLING			●	
OPTICAL FIBER HORIZONTAL CABLING	N/A	N/A	N/A	N/A
COAXIAL BACKBONE CABLING	N/A	N/A	N/A	N/A
DATA COMMUNICATIONS SWITCHES AND HUBS	N/A	N/A	N/A	N/A
DATA COMMUNICATIONS WIRELESS ACCESS POINTS	N/A	N/A	N/A	N/A
VOICE COMMUNICATIONS SWITCHING AND ROUTING EQUIPMENT	N/A	N/A	N/A	N/A
COMMUNICATIONS - AUDIO-VISUAL SYSTEMS:				
ROUGH-IN, PATHWAYS AND SLEEVES	N/A	N/A	N/A	N/A
PROJECTOR(S)	N/A	N/A	N/A	N/A
FLAT PANEL DISPLAY(S)	N/A	N/A	N/A	N/A
MULTI-TOUCH DISPLAY(S)	N/A	N/A	N/A	N/A
DISPLAY TECHNOLOGY MOUNTING HARDWARE	N/A	N/A	N/A	N/A
MEDIA PLAYER(S)	N/A	N/A	N/A	N/A
HEAD-END EQUIPMENT	N/A	N/A	N/A	N/A
COMMUNICATIONS - DISTRIBUTED SYSTEMS:				
ROUGH-IN, PATHWAYS AND SLEEVES	N/A	N/A	N/A	N/A
MASTER ANTENNA / COMMUNITY ANTENNA TELEVISION DISTRIBUTION	N/A	N/A	N/A	N/A
PUBLIC ADDRESS SYSTEM	N/A	N/A	N/A	N/A
SOUND MASKING / SPEECH PRIVACY SYSTEM	N/A	N/A	N/A	N/A
INTERCOMMUNICATIONS SYSTEM	N/A	N/A	N/A	N/A
WIRED / WIRELESS CLOCK SYSTEM	N/A	N/A	N/A	N/A
NURSE CALL / CODE BLUE SYSTEM	N/A	N/A	N/A	N/A
DISTRIBUTED ANTENNA SYSTEM	N/A	N/A	N/A	N/A
SECURITY - ACCESS CONTROL:				
ROUGH-IN, PATHWAYS AND SLEEVES			●	
SECURITY MANAGEMENT SYSTEM - HEAD END COMPONENTS			●	
SECURITY MANAGEMENT SYSTEM - FIELD DEVICES (1)			●	
SECURITY MANAGEMENT SYSTEM - ELECTRIFIED DOOR HARDWARE			●	
SECURITY MANAGEMENT SYSTEM - ALL CABLING			●	
SECURITY - AIPHONE VIDEO INTERCOM:				
ROUGH-IN, PATHWAYS AND SLEEVES			●	
DOOR STATION(S)			●	
HEAD END EQUIPMENT AND COMPONENTS			●	
SECURITY - VIDEO SURVEILLANCE:				
ROUGH-IN, PATHWAYS AND SLEEVES			●	
CAMERA(S)	N/A	N/A	N/A	N/A
HEAD END EQUIPMENT AND COMPONENTS	N/A	N/A	N/A	N/A
SECURITY - INTRUSION DETECTION:				
ROUGH-IN, PATHWAYS AND SLEEVES			●	
FIELD DEVICES (MOTION DETECTORS, GLASS BREAKS, DOOR SWITCHES)			●	
HEAD END EQUIPMENT AND COMPONENTS			●	
SAFETY - FIRE DETECTION AND ALARM:				
ROUGH-IN, PATHWAYS AND SLEEVES			●	
INITIATING FIELD DEVICES (SMOKE, MANUAL PULL, MONITOR MODULES)			●	
NOTIFICATION APPLIANCES (HORNS, STROBES, SPEAKERS)			●	
MISCELLANEOUS DEVICES (RELAYS, TEST STATION, ANNUNCIATOR)			●	

● OFOI **O**WNER **F**URNISHED & **O**WNER **I**NSTALLED
● OFCI **O**WNER **F**URNISHED & **C**ONTRACTOR **I**NSTALLED
● CFCI **C**ONTRACTOR **F**URNISHED & **C**ONTRACTOR **I**NSTALLED
● CFOI **C**ONTRACTOR **F**URNISHED & **O**WNER **I**NSTALLED

GENERAL NOTE:
A. MATRIX IS NOT INTENDED TO BE EXHAUSTIVE TO COVER ALL MATERIALS NECESSARY FOR SCOPE AND SHOULD ONLY BE USED TO QUICKLY IDENTIFY SYSTEMS AND RELATED INFRASTRUCTURE INSIDE AND OUTSIDE THE BID OF THIS PROJECT. ANY ITEMS FURNISHED OR INSTALLED BY THE BIDDING CONTRACTOR SHALL COVER ALL REQUIRED APPERTUNANCES NECESSARY FOR A COMPLETE SYSTEM. THIS SHALL INCLUDE BUT NOT BE LIMITED TO, EQUIPMENT, ACCESSORIES, TERMINATIONS, TERMINATION COMPONENTS, ALL FINAL CORDAGE CONNECTIVITY, SOFTWARE, PROGRAMMING, AND THE LABOR TO INSTALL.

B. REFER TO COVER SHEET GENERAL NOTES FOR ADDITIONAL SYSTEM DESCRIPTIONS AND ANTICIPATED SCOPE OF WORK.

KEYNOTES:
1. HID CARD READERS ARE OFCI. ALL OTHER FIELD DEVICES ARE CFCI UNLESS NOTED OTHERWISE.

FIRE DETECTION AND ALARM SYMBOLS

- F — MANUAL FIRE ALARM PULL STATION
- S — SMOKE DETECTOR
- COMBINATION SPEAKER WITH STROBE - WALL MOUNTED
- C — COMBINATION SPEAKER WITH STROBE - CEILING MOUNTED
- STROBE - WALL MOUNTED
- STROBE - CEILING MOUNTED
- FAA — FIRE ALARM ANNUNCIATOR PANEL
- NAC — FIRE ALARM NAC PANEL
- FACP — FIRE ALARM CONTROL PANEL + EMERGENCY COMMUNICATIONS PANEL

VIDEO SURVEILLANCE SYMBOLS

- CAM-# — VIDEO SURVEILLANCE CAMERA

ACCESS CONTROL & INTRUSION DETECTION SYMBOLS

- CR — PROXIMITY CARD READER, +44" OR AS NOTED (OFCI)
- CP — COMBINATION PROXIMITY CARD READER WITH PINPAD, +44" OR AS NOTED (OFCI)
- D1 — DOOR POSITION SWITCH - FLUSH MOUNTED, DOUBLE POLE DOUBLE THROW (DPDT)
- D2 — DOOR POSITION SWITCH - SURFACE MOUNTED, DOUBLE POLE DOUBLE THROW (DPDT)
- ES — ELECTRIC STRIKE - FLUSH OR SURFACE MOUNTED
- EL — ELECTRIFIED EXIT DEVICE (PANIC HARDWARE)
- PB — REQUEST TO EXIT PUSHBUTTON, +44" OR AS NOTED
- MDR — MOMENTARY DOOR RELEASE PUSHBUTTON (OFCI)
- LO — LOCKOUT TOGGLE SWITCH, +46" OR AS NOTED
- LD — LOCKDOWN TOGGLE SWITCH, +46" OR AS NOTED

REFER TO ACCESS CONTROL DETAILS FOR ADDITIONAL DEVICE REQUIREMENTS

TELECOMMUNICATIONS INFRASTRUCTURE SYMBOLS

- # ▼ — DATA OUTLET - CATEGORY 6A: PROVIDE NUMBER OF CABLES INDICATED BY '#' SHOWN AT EACH SYMBOL.

GENERAL SYMBOLS

- CONDUIT SLEEVE
- CONDUIT UP, REFER TO TAG ON DRAWING FOR SIZE
- CONDUIT DOWN, REFER TO TAG ON DRAWING FOR SIZE
- J — JUNCTION BOX, CEILING OR FLOOR MOUNTED.
- J — JUNCTION BOX, WALL MOUNTED, ELEVATION AS NOTED.
- (#) — KEYNOTE
- 1 / A101 SIM — DETAIL DRAWING REFERENCE TAG, SIM-SIMILAR, TYP-TYPICAL, OPP-OPPOSITE / SHEET REFERENCE
- A101 ▶ 1 Ref — INTERIOR ELEVATION DRAWING REFERENCE TAG

NOTE: ALL SYMBOLS MAY NOT APPLY TO THIS PROJECT

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SCALE OF 11 x 17 SHEETS IS HALF OF SCALE INDICATED

PIVOT ARCHITECTURE

REGISTERED PROFESSIONAL ENGINEER
97568
Shyla Keays-Goodman
OREGON
SEP. 14, 2021
SHYLA KEAYS-GOODMAN
EXPIRES: 6/30/2023

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CONSTRUCTION DRAWING SET

4J SECURITY IMPROVEMENTS

PROJECT #: 2207

EUGENE SCHOOL DISTRICT 4J

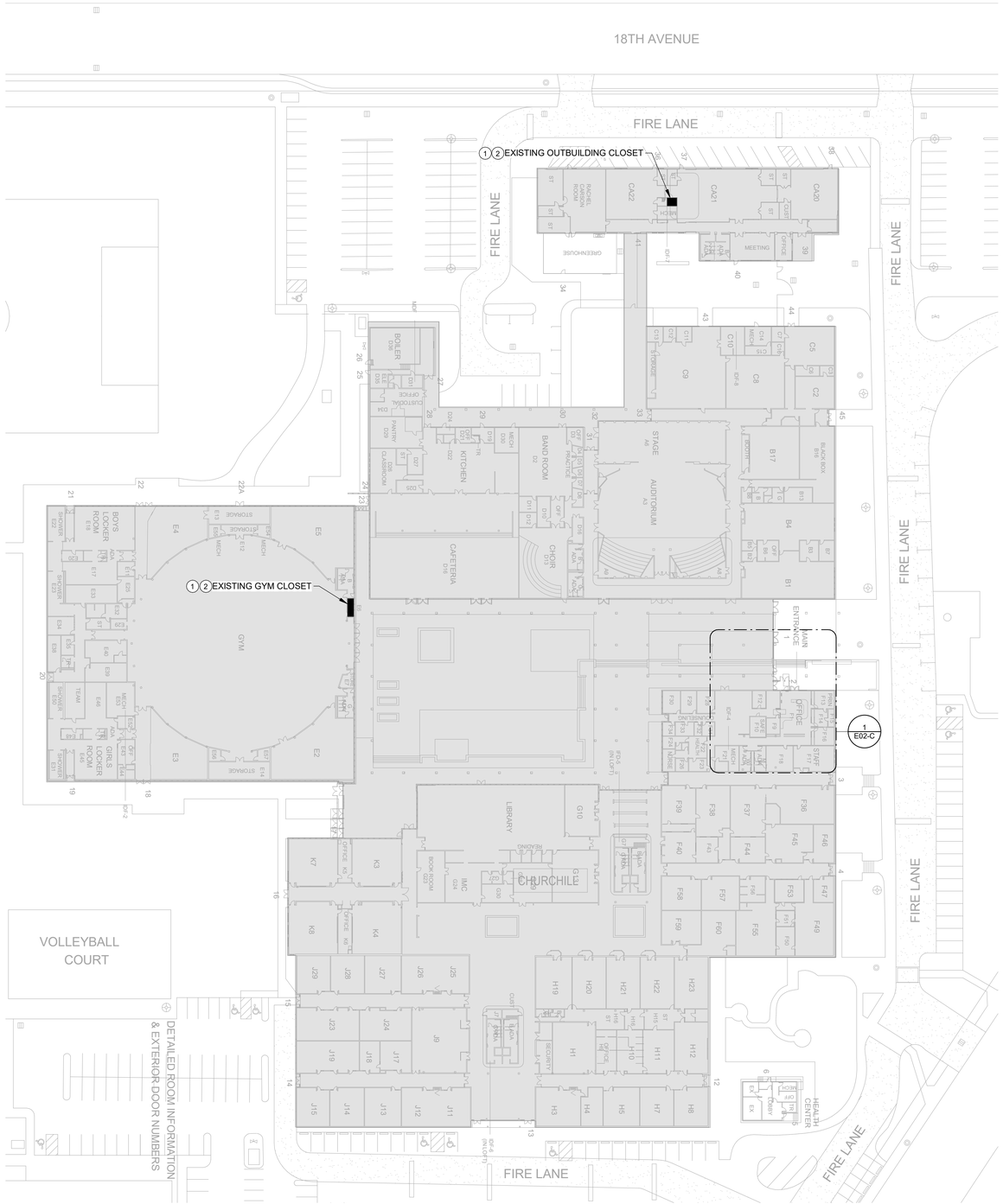
SHEET TITLE:
TECHNOLOGY GENERAL NOTES & SYMBOLS

REVISIONS:

#	DESCRP.	DATE

ISSUE DATE: 03.15.23

E01



1 CHURCHILL SITE PLAN - ELECTRICAL
1" = 50'-0"

N

SITE GENERAL NOTES

A. REFER TO SHEET E00 AND E01 FOR PROJECT GENERAL NOTES.

B. CONDUIT ROUTING AND LOCATIONS SHOWN ARE SCHEMATIC. COORDINATE THE FINAL PROPOSED ROUTING WITH GENERAL CONTRACTOR AND OWNER'S REPRESENTATIVE.

C. PROVIDE SAWCUTTING AND PATCHING OF EXISTING PAVEMENT WHERE REQUIRED TO ACCOMODATE NEW UNDERGROUND WORK.

D. ABBREVIATIONS:
(E) - EXISTING ITEM TO REMAIN
(ER) - NEW LOCATION OF EXISTING ITEM
(N) - NEW ITEM IN EXISTING LOCATION
(D) - DEMOLISHED ITEM, PATCH AND/OR COVER
(RN) - REPLACE EXISTING WITH NEW
(RR) - EXISTING ITEM TO BE REMOVED AND RELOCATED

KEYNOTES

1 LOCATION OF EXISTING LENEL ACCESS CONTROL LNL2000 INTELLIGENT SYSTEM CONTROLLER, 1320 READER CARDS AND POWER SUPPLIES.

2 REFER TO RISER DIAGRAM DETAILS ON FOR NEW ACCESS CONTROL SYSTEM EQUIPMENT AND REQUIREMENTS.

PIVOT ARCHITECTURE

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CONSTRUCTION DRAWING SET

4J SECURITY IMPROVEMENTS

PROJECT #: 2207

EUGENE SCHOOL DISTRICT 4J

SHEET TITLE:
CHURCHILL H.S. SITE PLAN - ELECTRICAL

REVISIONS:

#	DESCRP.	DATE

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E01-C

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SCALE OF 11 x 17 SHEETS IS HALF OF SCALE INDICATED

1 CHURCHILL FLOOR PLAN - SIGNAL
1/4" = 1'-0"

0' 2' 4' 8'

N

GENERAL NOTES

A. REFER TO SHEET E00 AND E01 FOR PROJECT GENERAL NOTES.

B. ABBREVIATIONS:
- (E) EXISTING ITEM TO REMAIN
- (ER) NEW LOCATION OF EXISTING ITEM
- (N) NEW ITEM IN EXISTING LOCATION
- (D) DEMOLISHED EXISTING ITEM, PATCH AND/OR COVER
- (RN) REPLACE EXISTING WITH NEW
- (RR) EXISTING ITEM TO BE REMOVED AND RELOCATED

KEYNOTES

1 AIPHONE DESKTOP MASTER CONTROL STATION, VERIFY FINAL LOCATION WITH OWNER PRIOR TO INSTALLATION. PROVIDE SYSTEM PATHWAYS AND CABLING FROM EXTERIOR DEVICE. WHERE PATHWAYS ARE EXPOSED, PROVIDE DECORATIVE SURFACE MOUNT RACEWAY PER SPECIFICATIONS AND PAINT AS DIRECTED BY THE ARCHITECT. PROVIDE CABLING INTERCONNECTED WITH THE EXISTING LENEL ACCESS CONTROL SYSTEM TO ALLOW MOMENTARY DOOR OVERRIDE FUNCTIONALITY FROM THE MASTER CONTROL UNIT TO DOOR G51. PROVIDE RELAYS, WIRING AND PROGRAMMING AS REQUIRED FOR A FULLY FUNCTIONAL SYSTEM.

2 AIPHONE VIDEO INTERCOM, INSTALL PER SPECIFICATIONS AND MANUFACURER'S RECOMMENDATIONS.

3 DISCONNECT AND REMOVE EXISTING AIPHONE EQUIPMENT AND PREPARE SURFACE FOR NEW DEVICE. REMOVE ANY ASSOCIATED INTERIOR DEVICES AND CABLING.

4 EXISTING LENEL ACCESS CONTROL SYSTEM CABINETS, POWER SUPPLIES AND DMP INTRUSION SYSTEM CABINETS.

PIVOT ARCHITECTURE

REGISTERED PROFESSIONAL ENGINEER
97568
OREGON
SEP. 14, 2021
SHYLA KEAYS-GOODMAN
EXPIRES: 6/30/2023

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CONSTRUCTION DRAWING SET

4J SECURITY IMPROVEMENTS

PROJECT #: 2207

EUGENE SCHOOL DISTRICT 4J

SHEET TITLE:

CHURCHILL H.S. FLOOR PLAN - ELECTRICAL

REVISIONS:

#	DESCRP.	DATE

ISSUE DATE: 03.15.23

E02-C

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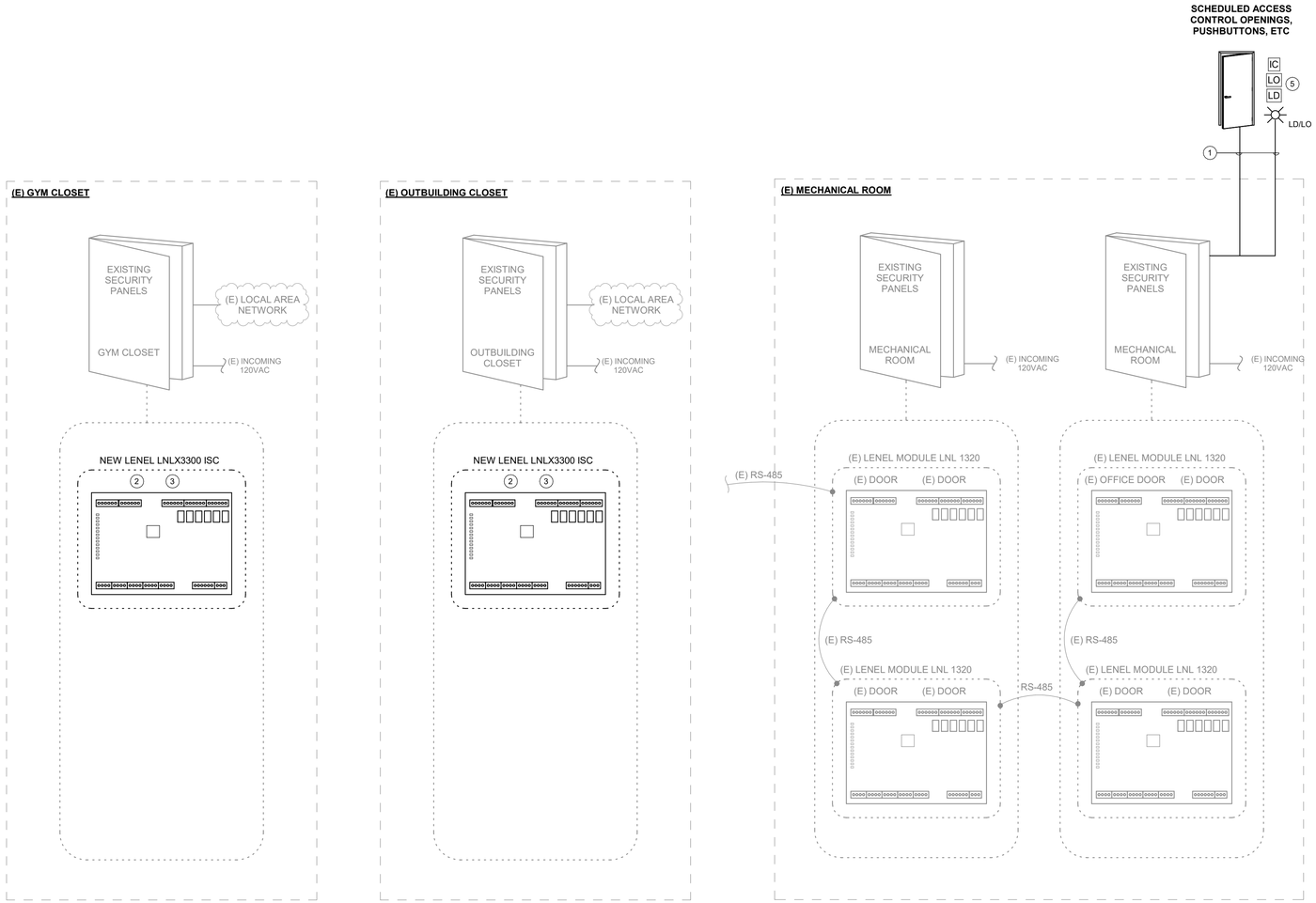
SCALE OF 11 x 17 SHEETS IS HALF OF SCALE INDICATED



1 LENEL ACCESS CONTROL RISER - CHURCHILL

GENERAL NOTES:

A. LENEL ONGUARD ACCESS CONTROL SYSTEM IS EXISTING. PROVIDE THE MAJOR SYSTEM COMPONENTS ILLUSTRATED ACCOMODATE NEWLY SCHEDULED EQUIPMENT.

B. THE INTENT OF THE RISER DIAGRAMS ARE TO IDENTIFY MAJOR SYSTEM COMPONENTS. CONSULT MANUFACTURER RECOMMENDATIONS AND PROVIDE WIRING, COMPONENTS, ETC AS REQUIRED TO DELIVER A FULLY FUNCTIONAL SYSTEM.

C. REFER TO FLOOR PLANS FOR EQUIPMENT LOCATIONS.

D. PROGRAMMING IS BY THE BIDDING CONTRACTOR AT THE DIRECTION OF 4J SCHOOL DISTRICT.

E. COORDINATE AC POWER REQUIREMENTS WITH DIVISION 26 CONTRACTOR.

F. ABBREVIATIONS:
- (E) - EXISTING ITEM TO REMAIN
- (ER) - NEW LOCATION OF EXISTING ITEM
- (N) - NEW ITEM IN EXISTING LOCATION
- (D) - DEMOLISHED ITEM, PATCH AND/OR COVER
- (RN) - REPLACE EXISTING WITH NEW
- (RR) - EXISTING ITEM TO BE REMOVED AND RELOCATED

KEYNOTES: (#)

1. MULTI-CABLE, MULTI-CONDUCTOR COMPOSITE CABLE (TYP. FOR EACH CONTROLLER). REFER TO ACCESS CONTROL DETAILS AND SPECIFICATIONS FOR WIRING REQUIREMENTS.

2. DISCONNECT AND REMOVE EXISTING LNL2000 ISC AND REPLACE WITH NEW LNLX3300 ISC. RECONNECT EXISTING CABLING AND CONNECTIONS TO MATCH EXISTING CONDITIONS. PROVIDE PROGRAMMING, ADDRESSING AND RECONFIGURATION AS REQUIRED TO MATCH EXISTING CONDITIONS IN COORDINATION WITH 4J SCHOOL DISTRICT.

3. FIELD MODIFY EXISTING INCOMING RS-485 SERIAL COMMUNICATION WIRING TO ACCOMODATE THE REDUCTION IN AVAILABLE PORTS ON THE LNLX3300 ISC.

PIVOT ARCHITECTURE

REGISTERED PROFESSIONAL ENGINEER
97568
OREGON
SEP 14, 2021
SHYLA KEAYS-GOODMAN
EXPIRES: 6/30/2023

KCL ENGINEERING
199 E. 5th Ave,
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CONSTRUCTION DRAWING SET

4J SECURITY IMPROVEMENTS

PROJECT #: 2207

EUGENE SCHOOL DISTRICT 4J

SHEET TITLE:

TECHNOLOGY RISER DIAGRAMS - CHURCHILL

REVISIONS:

#	DESCRP.	DATE

ISSUE DATE: 03.15.23

E12-C

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SCALE OF 11 x 17 SHEETS IS HALF OF SCALE INDICATED

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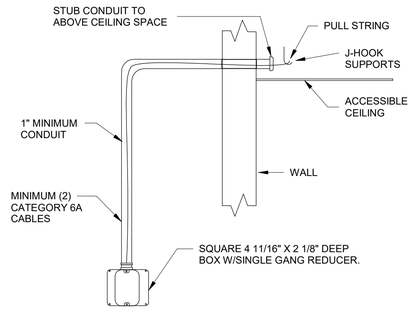
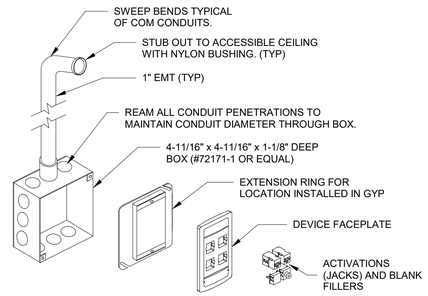
SCALE OF 11 x 17 SHEETS IS HALF OF SCALE INDICATED



GENERAL NOTE:
A. EVERY WORK AREA OUTLET (WAO) GETS ONE TYPICAL ROUGH-IN.

TYPICAL CONDUIT PATHWAY TO WORK AREA DATA OUTLET

2 CONDUIT PATHWAY TO DATA OUTLET



NOTES:
A. FOR EACH DATA WORK AREA OUTLET, WITH EXCEPTION TO FLAT PANEL TELEVISION LOCATIONS, PROVIDE A 2-GANG BOX WITH A SINGLE-GANG PLASTER-RING.

B. INSTALL ONE (1) 1" CONDUIT STUBBED OUT TO THE ABOVE ACCESSIBLE CEILING IN THE SAME ROOM UNLESS OTHERWISE NOTED. IF THE ROOM DOES NOT HAVE A LAY-IN GRID CEILING, ROUTE CONDUITS TO ABOVE THE NEAREST ACCESSIBLE CEILING SPACE. PROVIDE NYLON BUSHINGS ON CONDUIT ENDS TO PROTECT CABLING.

WALL MOUNTED DATA OUTLET DETAIL

1 DATA OUTLET DETAIL

PIVOT
ARCHITECTURE

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CONSTRUCTION DRAWING SET

4J SECURITY IMPROVEMENTS

PROJECT #: 2207

EUGENE SCHOOL DISTRICT 4J

SHEET TITLE:

ELECTRICAL DETAILS - ALL SITES

REVISIONS:

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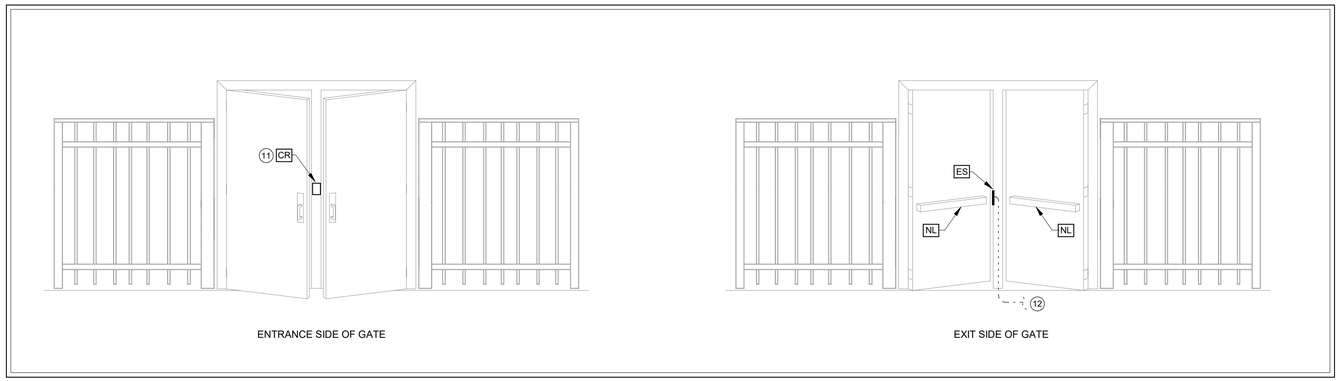
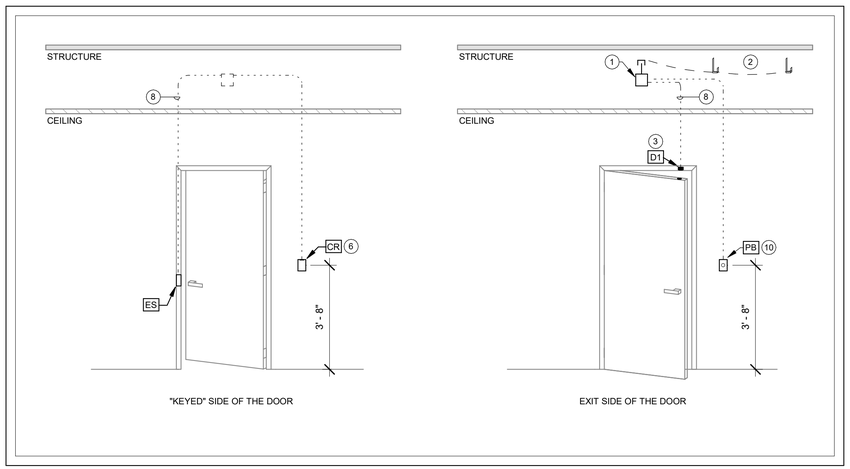
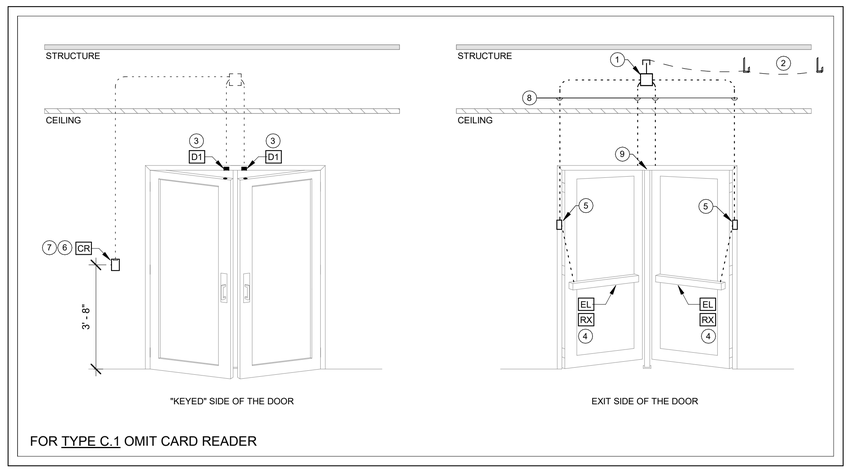


A ACCESS CONTROL DETAIL - TYPE A

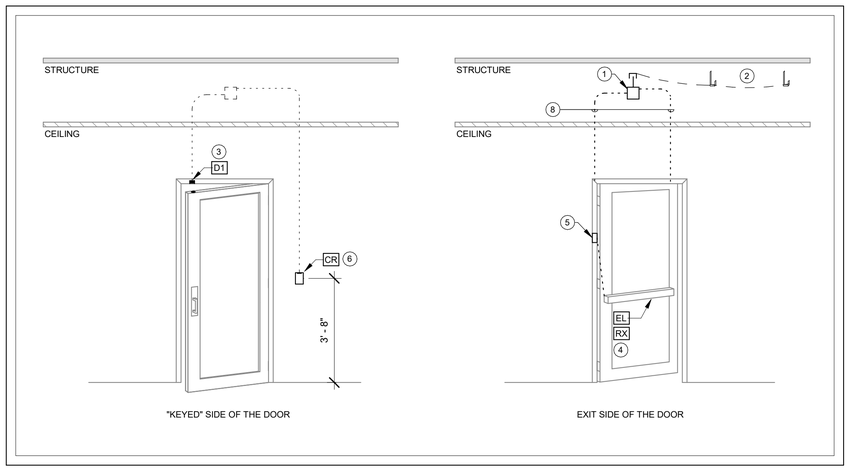


B ACCESS CONTROL DETAIL - TYPE B

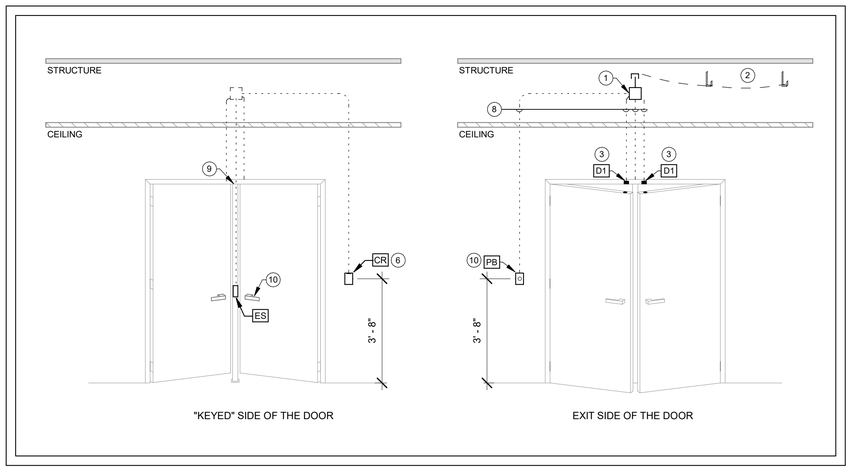


FOR TYPE C.1 OMIT CARD READER

C ACCESS CONTROL DETAIL - TYPE C & C.1



D ACCESS CONTROL DETAIL - TYPE D



E ACCESS CONTROL DETAIL - TYPE E

GENERAL NOTES:

A. ACCESS CONTROL SYSTEM SHALL BE PROVIDED BY THE BIDDING CONTRACTOR. DETAILS ILLUSTRATED HERE ARE INTENDED TO ILLUSTRATE PATHWAY, ROUGH-IN DEVICE AND CABLING REQUIREMENTS. REVIEW SPECIFICATION 08 71 00 FOR SPECIFIC ELEMENTS SCHEDULED AT EACH OPENING.

B. LENEL ONGAURD ACCESS CONTROL SYSTEM IS EXISTING. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING PROGRAMMING WITH 4J SCHOOL DISTRICT SECURITY DEPARTMENT.

C. PROVIDE ELECTRIFIED LOCKSETS WITH CENTRALIZED LOW VOLTAGE POWER. INDIVIDUAL POWER SUPPLIES INSTALLED AT EACH OPENING IS NOT ACCEPTABLE. COORDINATE FINAL VOLTAGE AND AMPERAGE REQUIREMENTS WITH THE SPECIFIED DOOR HARDWARE.

D. IT IS THE INTENT THAT PATHWAYS AND ROUGH-IN SERVING ACCESS CONTROL DEVICES ARE RECESSED AND CONCEALED. EXPOSED CABLING SHALL NOT BE ACCEPTED UNLESS APPROVED BY THE ARCHITECT. WHERE SURFACE MOUNT IS REQUIRED, ENSURE PATHWAYS ARE PROVIDED IN ACCORDANCE WITH SPECIFICATIONS AND PAINTED TO MATCH SURROUNDING FINISHES.

E. DEVICES INCLUDING CARD READERS MAY BE LOCATED ON A DIFFERENT WALL. REFER TO THE DRAWING SET AND ELEVATIONS FOR WHICH SIDE COMPONENTS ARE LOCATED.

F. DETAILS NOT INTENDED TO ACCURATELY ILLUSTRATE CEILING TYPES, CEILING AND DECK HEIGHTS, DOOR SWING OR DOOR FINISHES. COORDINATE EACH OPENING'S SPECIFIC ROUGH-IN AND PATHWAY NEEDS WITH ARCHITECTURAL PLANS AND ELEVATIONS.

G. ALL CONDUIT SHALL BE PROVIDED A PULL STRING TO ALLOW EASE OF CABLING INSTALLATION.

KEYNOTES:

1. ACCESS CONTROL JUNCTION BOX. PROVIDE ONE (1) 4-SQUARE BOX ABOVE THE NEAREST CONCEALED, ACCESSIBLE CEILING SPACE. THIS BOX SHALL BE USED AS A JUNCTION POINT FOR ALL DOOR DEVICE WIRING.
2. PROVIDE SECURITY MANAGEMENT SYSTEM CABLING BACK TO THE HEAD END /CONTROL CABINET USING ITS OWN DEDICATED PATHWAYS. PROVIDE SUPPORTS PER SPECIFICATIONS TO SERVE THIS INFRASTRUCTURE.
3. PREPARE FRAME FOR THE INSTALLATION OF DOOR CONTACT. CONTACT SHALL BE CONNECTED TO THE INTRUSION DETECTION SYSTEM. COORDINATE ZONING WITH 4J SCHOOL DISTRICT.
4. THE SCHEDULED DOOR HARDWARE HOSTS BUILT-IN MOMENTARY SWITCHES TO INTERFACE THE REQUST TO EXIT FUNCTION FOR ACCESS CONTROL.
5. ELECTRONIC POWER TRANSFER. PROVIDE A 1/2" PATHWAY TO THE FRAME TO SERVE THE ELECTRIFIED EXIT DEVICE.
6. PROVIDE SINGLE GANG JUNCTION BOX AND (1) 1" CONDUIT PATHWAY TO SERVE NEW CARD READER AND CABLING. CARD READER IS OWNER-FURNISHED, CONTRACTOR-INSTALLED.
7. CARD READER AND CABLING IS EXISTING TO REMAIN AT DOOR "SH3", PROTECT IN PLACE.
8. PROVIDE A 1/2" CONDUIT PATHWAY TO THE FRAME.
9. CENTER MULLION.
10. PROVIDE SINGLE GANG JUNCTION BOX TO SERVE PUSHBUTTON REQUEST TO EXIT, CAMDEN #CM-353.
11. SURFACE MOUNT CARD READER ON CENTER POST. PROVIDE DEVICE WITH HID IP65GSKT GASKET KIT. CARD READER IS OWNER-FURNISHED, CONTRACTOR-INSTALLED.
12. ROUTE SECURITY MANAGEMENT SYSTEM CABLING UNDERGROUND TO MDF/IDF LOCATION, REFER TO DRAWINGS FOR ROUTING REQUIREMENTS AT EACH INSTANCE.

DEVICE AND CABLING LEGEND:

D1	FLUSH-MOUNT DOOR POSITION SWITCH - 22 AWG / 4 CONDUCTOR
D2	SURFACE-MOUNT DOOR POSITION SWITCH- 22 AWG / 4 CONDUCTOR
CR	CARD READER (OFCI) - 22 AWG / 8 CONDUCTOR
EL	ELECTRIFIED EXIT DEVICE - 12 AWG / 2 CONDUCTOR
ES	ELECTRIFIED STRIKE - 16 AWG / 2 CONDUCTOR
NL	NON-ELECTRIFIED LATCH (MECHANICAL EXIT) - NO WIRING NECESSARY

CABLING NOTES:

A. CABLING DEFINITIONS ARE BASED ON DISTRICT STANDARD WIRING APPROACH. COORDINATE WIRE GAUGE WITH VOLTAGE, AMPERAGE, AND DISTANCE REQUIREMENTS.

B. CABLING SHALL BE STRANDED TYPE WITH ORANGE JACKET.

C. REFER TO SPECIFICATIONS FOR ADDITIONAL CABLING INFRASTRUCTURE REQUIREMENTS.

PIVOT ARCHITECTURE

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CONSTRUCTION DRAWING SET

4J SECURITY IMPROVEMENTS

PROJECT #: 2207

EUGENE SCHOOL DISTRICT 4J

SHEET TITLE:

ACCESS CONTROL DOOR DETAILS - ALL SITES

REVISIONS:

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