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Read Permit Conditions prior to calling for inspection. Key card controlled doors are required to unlock on Fire Alarm activation. Door functionality will be tested with Fire Alarm.



PRCTI20231229

Kaiser Permanente Puyallup Medical Center PLP Card Readers Puyallup, Washington Permit Set



National Facilities Services
Post Office Box 12916
Oakland, California 94604

jrj architects, llc
15455 NW Greenbrier Pkwy.
Suite 260
Beaverton, OR 97006
(503) 690-1779 p

Scope Description

Project Scope: Add access control (card Key) to 6 doors. 4 existing doors and 2 new doors with new walls.

Drawing Sheet List

Architectural

- A2.1 Floor Plan - Level 1
- A2.2 Floor Plan - Level 2
- A3.1 Hardware Specs

Project Information

PROJECT ADDRESS:
Kaiser Permanente, Medical Office Building
1007 39th Ave SE
Puyallup, WA 98374

BUILDING DATA:
NUMBER OF STORIES: 2 STORIES
BUILDING CONSTRUCTION TYPE: II-A (Fully-Sprinklered)
BUILDING OCCUPANCY TYPE: B
(NO CHANGE IN OCCUPANCY AS RESULT OF PROJECT)
PROJECT AREA: APPROX. 60 SQ.FT. (Affected)

REFERENCE CODES:
— 2018 Washington State Building Code + Local Amendments
— 2018 Washington State Energy Code + Local Amendments
— 2018 Washington State Mechanical Code + Local Amendments
— 2018 Washington State Plumbing code (UPC) + Local Amendments
— National Fire Protection Association (NFPA) Standards
— USGBC LEED Green Building Rating System for New Construction (LEED-NC)
— American National Standards Institute (ANSI)
— Underwriters Laboratories (UL)
— Americans with Disabilities Act (ADA)

Project Team

Owner:
KAISER Permanente - Washington
Renton Amin Campus
1200 SW 27th Street,
Renton, WA 98057

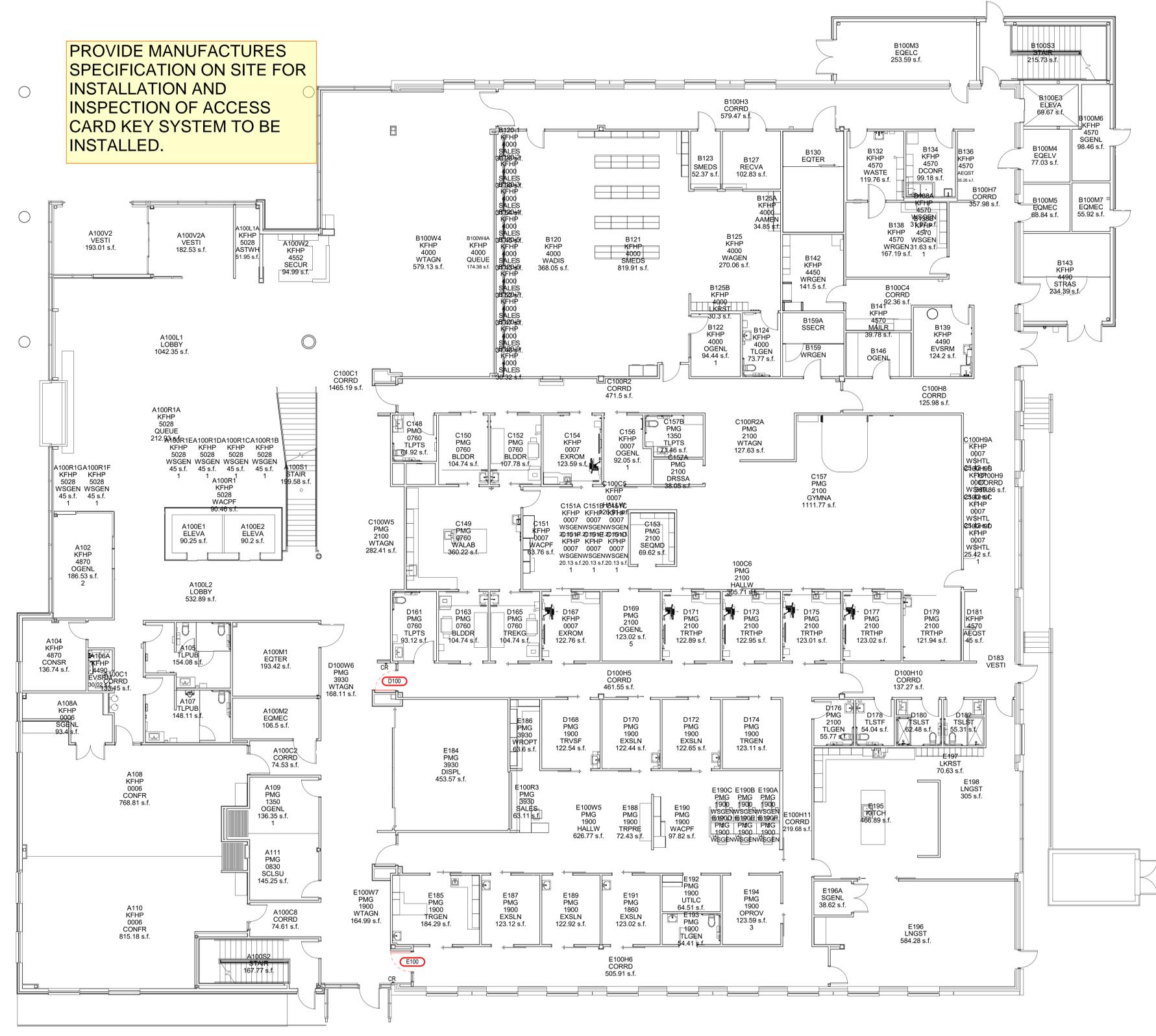
CONTACT: Vahid Khastou, Sr. Project Manager
EMAIL: vahid.khastou@kp.org
PHONE: 425-529-8575

Architect:
JRJ Architects, llc
15455 NW Greenbrier Parkway, Suite 260
Beaverton, Oregon 97006

CONTACT: Jason Mullavey, Project Manager
EMAIL: jmullavey@jrjarch.com
PHONE: (503) 690-1779

CONTACT: David Domogalla, Project Architect
EMAIL: ddomogalla@jrjarch.com
PHONE: (503) 690-1779

PROVIDE MANUFACTURERS SPECIFICATION ON SITE FOR INSTALLATION AND INSPECTION OF ACCESS CARD KEY SYSTEM TO BE INSTALLED.



1 Floor Plan - Level 1
1/8" = 1'-0"

No.	Revisions	Date	Appr.

**City of Puyallup
Development & Permitting Services
ISSUED PERMIT**

Building	Planning
Engineering	Public Works
Fire	Traffic

Permit Set

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Project Architect Approval: _____

Architect/Engineer of Record: _____

9227 REGISTERED ARCHITECT
Thomas A. West
STATE OF WASHINGTON

Facility	Puyallup Medical Center Puyallup, Washington
Project	PLP Card Readers
Sheet Title	Floor Plan - Level 1
Building ID: NSC	Floor Level: 01 Section: --
Scale	As indicated KP Project No. 024-05-139M
Drawn By	Author Permit No. ---
Chkd By	Checker Sheet
Issue Date	August 25, 2024
jjj Project No.	202319-01

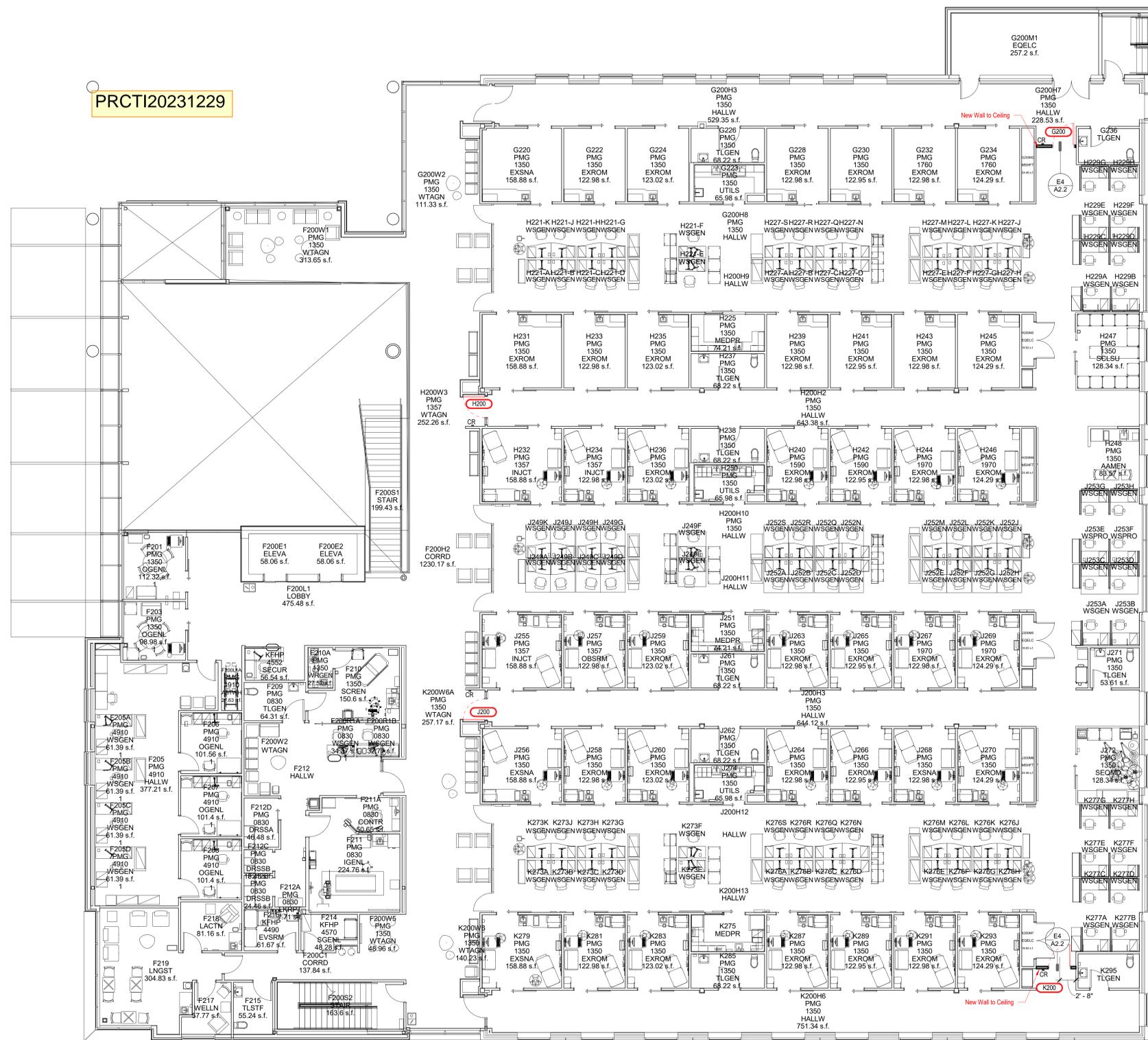
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Door Schedule

Door #	Opening		Door				Frame			Comments	
	Rating Label	Width	Height	Type	Face	Finish	Protection	Type	Material		Finish
D100	-	3'-6"	7'-0"	Swing	EX	EX		EX	EX	EX	1
E100	-	3'-6"	7'-0"	Swing	EX	EX		EX	EX	EX	1
G200	-	3'-6"	7'-0"	Swing	WD/ME	ST/ME		HM	PT	PT	2
H200	-	3'-6"	7'-0"	Swing	EX	EX		EX	PT	PT	1
J200	-	3'-6"	7'-0"	Swing	EX	EX		EX	PT	PT	1
K200	-	3'-6"	7'-0"	Swing	WD/ME	ST/ME		HM	PT	PT	2

Door Abbreviations

NOTE: Not all abbreviations are used

EX	Existing	PL	Plastic Laminate		No Rating	
FV	Field Verify	RV	Ridge Vinyl, See Finish Schedule Legend		S	Smoke Tight
HM	Hollow Metal	SC	Solid Core		20	20 Minutes Fire Rated
ME	Match Existing	ST	Stain		60	60 Minutes Fire Rated
P-F	Paint	WD	Wood Faced		90	90 Minutes Fire Rated

Door Hardware Proposed

MANUFACTURERS

- BE Best Access Systems - Locks, Cylinders, Hinges, Wiring Components
- NA National Guard - Gaskets
- PR Precision - Exit Devices, Electrical Components
- RC RC/Power Supplies, Electric Strikes
- TR Trimco - Door Stops, Flat Goods

FINISH LIST

- 626/852/Satin Chromium Plated
- 630 Satin Stainless Steel
- 689 Aluminum Painted

OPTIONS

- C Quick Connect Wiring System (Precision)
- FL Fire Exit Hardware (Precision)
- FSE Fall Secure (Precision)
- E Electric Unlocking Trim (Precision)
- TS Touchbar Monitoring Switch (Precision)
- B4E Beveled 4 Edges - Kick, Mop & Armor Plates (Trimco)
- CS Counter Sinking CR Kick, Mop & Armor Plates (Trimco)

Hardware Type #1

Existing Corridor
Doors: D100, E100, H200, J200

- *1 Electric Strike F2164 or F162 as required 630 RC
- *1 Closer EHD9016 SPA90 689 BE
- *1 Harness WH-8E BE
- *1 Harness WH-192 BE
- *1 Power Supply DKPS-2A RC

NOTE: Modify existing frame to accept new hardware as specified. Recertify fire labels if required. Add/replace door closer. Card reader by security access.

* Requires electronic coordination.

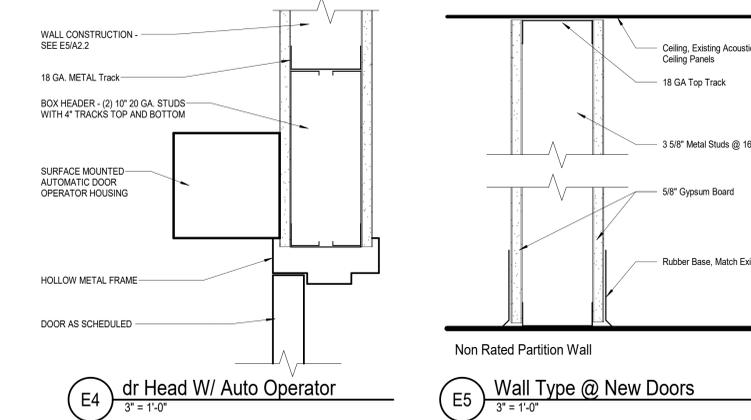
Hardware Type #2

- 4 Hinges CB168 4.5" x 4.5" NRP 652 BE
- *1 Electric Hinge CECB168-12C 4.5" x 4.5" 652 BE
- *1 Exit Device C-FL TS E2103 X 498A FSE 630 PR
- *1 Mortise Cylinder IE-74 PATD 626 BE
- *1 Closer EHD9016 SPA90 689 BE
- *1 Kick Plate K0350 10" x 2" L/W B4E CS 630 TR
- *1 Floor Stop 1200 626 TR
- *1 Gasketing 5050 B Head & Jambas NA
- *1 Harness WH-4E BE
- *1 Harness WH-12 BE
- *1 Harness WH-192 BE
- *1 Power Supply DKPS-2A BE

NOTE: Card activation momentarily releases lever and allows access. Card reader by security access.

* Requires electronic coordination.

Floor Plan - Level 2
1/8" = 1'-0"



CR Card Reader Mounting Height
1/2" = 1'-0"



National Facilities Services
Post Office Box 12916
Oakland, California 94604

No.	Revisions	Date	Appr.



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Project Architect Approval: _____
Architect/Engineer of Record: _____
9227 REGISTERED ARCHITECT
Thomas A. Wesel
STATE OF WASHINGTON

Facility: Puyallup Medical Center
Puyallup, Washington
Project: PLP Card Readers
Sheet Title: Floor Plan - Level 2

Building ID: NSC	Floor Level: 01	Section: --
Scale: As indicated	KP Project No. 024-05-139M	
Drawn By: _____	Author: _____	Permit No. _____
		Sheet: _____
Chkd By: _____	Checker: _____	
Issue Date: August 25, 2024		A2.2
jji Project No. 202319-01		

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PART 1 GENERAL
1.01 SECTION INCLUDES
 A. Hardware for wood, aluminum, hollow metal, and miscellaneous doors as noted.
 B. Hardware for fire-rated doors.
 C. Thresholds.
 D. Smoke and draft control seals.
 E. Weatherstripping and gasketing.
1.02 RELATED REQUIREMENTS
 A. Section 06 20 00 - Finish Carpentry: Wood door frames.
 B. Section 08 11 13 - Hollow Metal Doors and Frames.
 C. Section 09 14 16 - Flush Wood Doors.
 D. Division 28 - Security Access
1.03 REFERENCE STANDARDS
 A. ADA Standards - Standards with Disabilities Act (ADA) Standards for Accessible Design 2010.
 B. ASTM E283/E283M - Standard Test Method for Determining Rate of Air Leakage Through Exterior Windows, Skylights, Curtain Walls, and Doors Under Specified Pressure Differences Across the Specimen 2019.
 C. DHI (H&S) - Recommended Locations for Architectural Hardware for Flush Wood Schedule 2019.
 D. DHI (KSN) - Keying Systems and Nomenclature 2019.
 E. DHI (LCCS) - Recommended Locations for Architectural Hardware for Standard Steel Doors and Frames 2004.
 F. DHI WDH3.3 - Recommended Locations for Architectural Hardware for Flush Wood Schedule 1993, also in WDH3-1/WDH3-5 Series, 1996.
 G. ICC (IBC) - International Building Code Most Recent Edition Adopted by Authority Having Jurisdiction, Including All Applicable Amendments and Supplements.
 H. ICC A117.1 - Accessible and Usable Buildings and Facilities 2017.
 I. NFPA 70 - National Electrical Code Most Recent Edition Adopted by Authority Having Jurisdiction, Including All Applicable Amendments and Supplements.
 J. NFPA 80 - Standard for Fire Doors and Other Opening Protectives 2022.
 K. NFPA 101 - Life Safety Code Most Recent Edition Adopted by Authority Having Jurisdiction, Including All Applicable Amendments and Supplements.
 L. NFPA 105 - Standard for Smoke Door Assemblies and Other Opening Protectives 2022.
 M. NFPA 252 - Standard Methods of Fire Tests of Door Assemblies 2022.
 N. UL 10C - Standard for Positive Pressure Fire Tests of Door Assemblies Current Edition, Including All Revisions.
1.04 ADMINISTRATIVE REQUIREMENTS
 A. Coordinate the manufacture, fabrication, and installation of products that door hardware is installed on.
 B. Sequence installation to ensure facility services connections are achieved in an orderly and expeditious manner.
 C. Preinstallation Meeting: Convene a preinstallation meeting one week prior to commencing work of this section; require attendance by affected installers and the following:
 1. Architect.
 2. Hardware Supplier's Architectural Hardware Consultant (AHC).
 3. Hardware Installer.
 4. Owner's Security Consultant.
 D. Furnish templates for door and frame preparation to manufacturers and fabricators of products requiring internal reinforcement for door hardware.
 E. Keying Requirements Meeting:
 1. Schedule meeting at project site prior to Contractor occupancy.
 2. Attendees Required:
 a. Contractor.
 b. Owner.
 c. Hardware Supplier's Architectural Hardware Consultant (AHC).
 d. Door Hardware Installer.
 e. Owner's Security Consultant.
 f. Cylinder Manufacturer's Keying Consultant
 3. Agenda:
 a. Establish keying requirements.
 b. Verify locksets and locking hardware are functionally correct for project requirements.
 c. Verify that keying and programming complies with project requirements.
 d. Establish keying submittal schedule and update requirements.
 4. Incorporate "Keying Requirements Meeting" decisions into keying submittal upon review of door hardware keying system including, but not limited to, the following:
 a. Access control requirements.
 b. Key control system requirements.
 5. Record minutes and distribute copies within two days after meeting to participants, with two copies to Architect, Owner, participants, and those affected by decisions made.
 6. Deliver established keying requirements to manufacturers.
1.05 SUBMITTALS
 A. See Division 1 - Administrative Requirements for submittal procedures.
 B. Product Data: Manufacturer's catalog literature for each type of hardware, marked to clearly show products to be furnished for this project, and includes construction details, material descriptions, finishes, and dimensions and profiles of individual components.
 C. Shop Drawings - Door Hardware Schedule: A detailed listing that includes each item of hardware to be installed on each door.
 1. Prepared by or under supervision of Architectural Hardware Consultant (AHC).
 2. Comply with DHI (H&S) using door numbering scheme and hardware set numbers as indicated in Contract Documents.
 a. Submit in vertical format.
 3. List groups and suffixes in proper sequence.
 4. Include complete description for each door listed.
 5. Include manufacturer's and product names, and catalog numbers; include functions, types, styles, sizes and finishes of each item.
 6. Include account of abbreviations and symbols used in schedule.
 D. Shop Drawings - Keying and Control Keying: Include diagrams for power, signal, and control wiring for electrified door hardware that include details of interface with building safety and security systems. Provide elevations and diagrams for each electrified door opening as follows:
 1. Prepared by or under supervision of Architectural Hardware Consultant (AHC) and/or Electrified Hardware Consultant (EHC).
 2. Elevations: Include front and back elevations of each door opening showing electrified devices with connections installed and an operations narrative describing how opening operates from either side at any given time.
 3. Diagrams: Include point-to-point wiring diagrams that show each device in door opening system with related colored wire connections to each device.
 E. Samples for Verification:
 1. If requested, submit one (1) sample of any hardware items illustrating style, color, and finish.
 2. Architect will return full-size samples to Contractor.
 3. Include product description with samples.
 F. Manufacturer's Installation Instructions: Indicate special procedures and perimeter conditions requiring special attention.
 G. Maintenance Data: Include data on operating hardware, lubrication requirements, and inspection procedures related to preventative maintenance.
 1. Bitting List: List of combinations as furnished.
 H. Keying Schedule:
 1. Submit three (3) copies of Keying Schedule in compliance with requirements established during Keying Requirements Meeting unless otherwise indicated.
 I. Warranty: Submit manufacturer's warranty and ensure that forms have been completed in Owner's name and registered with manufacturer.
 J. Maintenance Materials and Tools: Furnish the following for Owner's use in maintenance of project.
 1. See Division 1 - Product Requirements, for additional provisions.
 2. Tools: One set of each special wrench or tool applicable for each different or special hardware component, whether supplied by hardware component manufacturer or not.
1.06 QUALITY ASSURANCE
 A. Standards for Fire-Rated Doors: Maintain one copy of each referenced standard on site, for use by Architect and Contractor.
 B. Installer Qualifications: Company specializing in performing work of the type specified for commercial door hardware with at least three years of documented experience.
 C. Supplier Qualifications: Company with certified Architectural Hardware Consultant (AHC) and Electrified Hardware Consultant (EHC) to assist in work of this section.
1.07 DELIVERY, STORAGE, AND HANDLING
 A. Package hardware items individually; label and identify each package with door opening code to match door hardware schedule.
1.08 WARRANTY
 A. See Division 1 - Closeout Submittals for additional warranty requirements.
 B. Manufacturer's Warranty: Provide warranty against defects in material and workmanship for period indicated. Complete forms in Owner's name and register with manufacturer.
 1. Failures include, but are not limited to, the following:
 a. Structural failures including excessive deflection, cracking, or breakage.
 b. Faulty operation of operators and door hardware.
 c. Deterioration of metals, metal finishes, and other materials beyond normal weathering and use.
 2. Warranty Period:
 a. Closers: 36 years, minimum.
 b. Exit Devices: Three years, minimum.
 c. Locksets and Cylinders: Ten years, minimum.
 d. Power Operators: Two years, minimum.
 e. Other Hardware: Two years, minimum.
 f. Provide a manufacturer's variance on the manufacturer's letterhead that indicates that they will comply with these requirements (if not compliant).
PART 2 PRODUCTS
2.01 GENERAL REQUIREMENTS
 A. Provide specified door hardware as required to make doors fully functional, compliant with applicable codes, and secure to extent indicated.
 B. Door Pulls and Push Plates:
 1. Provide door pulls and push plates on doors without a lockset, latchset, exit device, or auxiliary lock unless otherwise indicated.
 C. Closers:
 1. Provide door closer on each exterior door, unless otherwise indicated.
 2. Provide door closer on each fire-rated and smoke-rated door.
 D. Thresholds:
 1. Exterior Applications: Provide at each exterior door, unless otherwise indicated.
 E. Smoke and Draft Control Seals:
 1. Provide gasketing for smoke and draft control doors (Indicated as "S" on Drawings) that complies with local codes, requirements of assemblies tested in accordance with UL 1784.
 F. Weatherstripping and Gasketing:
 1. Provide weatherstripping on each exterior door at head, jambs, and meeting stiles of door pairs, unless otherwise indicated.
 2. Provide door bottom sweeps on each exterior door, unless otherwise indicated.
 3. Fabricate as continuous gasketing; do not cut or notch gasketing material.
 G. Electrically Operated and/or Controlled Hardware: Provide necessary power supplies, power transfer hinges, relays, and interfaces as required for proper operation; provide wiring between hardware and control components and to building power connection in compliance with NFPA 70.
 H. Fasteners:
 1. Provide fasteners of proper type, size, quantity, and finish that comply with commercially recognized standards for proposed applications.
 2. Provide machine screws for attachment to reinforced hollow metal and aluminum frames.
 3. Provide stainless steel machine screws and lead expansion shields for concrete and masonry substrates.
 4. Provide wall grip inserts for hollow wall construction.
 5. Fire-Resistance-Rated Applications: Comply with NFPA 80.
 6. Concealed Fasteners: Do not use through or sex bolt type fasteners on door panel sides indicated as concealed fastener locations, unless otherwise indicated or required per manufacturer's testing requirements, submit to the Architect.

2.02 PERFORMANCE REQUIREMENTS
 A. Provide door hardware products that comply with the following requirements:
 1. Applicable provisions of federal, state, and local codes.
 a. ICC (IBC).
 b. NFPA 101.
 c. Local codes as required.
 2. Accessibility: ADA Standards and ICC A117.1.
 3. Fire-Resistance-Rated Doors: NFPA 80, listed and labeled by qualified testing agency for fire protection ratings indicated, based on testing at positive pressure in accordance with NFPA 252 or UL 10C.
 4. Hardware Preparation for Steel Doors and Steel Frames: BHMA A156.115.
 5. Hardware Preparation for Wood Doors with Wood or Steel Frames: BHMA A156.115/W.
 6. Regulatory and Operational Requirements:
 a. Provide hardware for all openings, whether specified or not, in compliance with NFPA Standard No. 80, proper operation and local building code requirements. Where required, provide only hardware which has been tested and listed by UL or FM for types and sizes of doors required and complies with requirements of door and door frame labels. Label hardware, as required, for compliance with pressure testing criteria as dictated in IBC.
 b. Provide hardware which meets or exceeds handicap accessibility per local building code requirements. Conform to the Americans with Disabilities Act (ADA) of 1990 as amended by the D.O.J. September 15, 2010, as adopted by the Authority Having Jurisdiction (AHJ).
 7. Products Requiring Electrical Connection: Listed and classified by UL (DIR) as suitable for the purpose specified.
2.03 HINGES
 A. Manufacturers:
 1. Listed in Door Hardware Schedule: Best
 2. Substitutions: Hager, McKinney
 B. Butt Hinges: As applicable to each item specified.
 a. Standard Weight Hinges: Minimum of two (2) permanently lubricated non-detachable bearings.
 b. Heavy Weight Hinges: Minimum of four (4) permanently lubricated bearings on heavy weight hinges.
 c. Template screw hole locations.
 d. Pins: Easily seated, non-rising pins.
 e. UL 10C listed for fire-resistance-rated doors.
 C. Finishes: See Door Hardware Schedule.
 D. Grades:
 1. Butt Hinges: Comply with BHMA A156.1 and BHMA A156.7 for templated hinges.
 E. Types:
 1. Butt Hinges: Include full mortise hinges.
 F. Options: As applicable to each item specified.
 G. Quantities:
 1. Butt Hinges: Three (3) hinges per leaves up to 90 inches in height. Add one (1) for each additional 30 inches in height or fraction thereof.
 a. Hinge weight and size unless otherwise indicated in hardware sets:
 1. For doors up to 36 inches wide and up to 1-3/4 inches thick provide hinges with a minimum thickness of 0.134 inch and a minimum of 4-1/2 inches in height.
 2. For doors from 36 inches wide up to 42 inches wide and up to 1-3/4 inches thick provide hinges with a minimum thickness of 0.145 inch and a minimum of 4-1/2 inches in height.
 3. For doors from 42 inches wide up to 48 inches wide and up to 1-3/4 inches thick provide hinges with a minimum thickness of 0.180 inch and a minimum of 5 inches in height.
 4. For doors greater than 1-3/4 inches thick provide hinges with a minimum thickness of 0.180 inch and a minimum of 5 inches in height.
 1. Applications: At swinging doors.
 a. Provide non-removable pins at out-swinging doors with locking hardware and at exterior doors.
 2. Products:
 a. Butt Hinges:
 1. Concealed or Exposed bearing, five (5) knuckle.
 2. Plain Bearing, Five (5) Knuckle.
1. LOCK CYLINDERS
 A. Manufacturers:
 a. Listed in Door Hardware Schedule: Best
 b. Substitutions: None - facility standard
 2. Properties:
 a. Lock Cylinders: Provide key access on outside of each lock, unless otherwise indicated.
 1. Provide cylinders from same manufacturer as locking device.
 2. Provide cans and/or tailpieces as required for locking devices.
 3. Provide cylinders with appropriate format interchangeable cores where indicated.
 3. Material:
 a. Manufacturer's standard corrosion-resistant brass alloy.
 4. Products:
 a. Rim/mortise.
2. KEYS AND CORES
 1. Manufacturers:
 a. Listed in Door Hardware Schedule: Best Cormax Patented
 b. Substitutions: None - facility standard
 2. Properties: Comply with guidelines of BHMA A156.28.
 a. Provide small format interchangeable core.
 b. Provide keying information in compliance with DHI (KSN) standards.
 c. Keying Schedule: Arrange for a keying meeting, with Architect, Owner and hardware supplier, and other involved parties to ensure locksets and locking hardware, are functionally correct and keying complies with project requirements.
 d. Keying: Master keyed.
 1. Contractor to coordinate all hardware delivery schedules and end user key meetings.
 2. Go to Kaiser's web page for procedures: http://internal.or.kp.org/security/services/key_control.cfm
 e. Include construction keying and control keying with removable core cylinders.
 f. Do not make brass construction cores and construction control and operating keys a part of Owner's permanent keying system, nor furnish in the same keyway (or key section) as Owner, permanent keying system.
 g. Key to new keying system.
 h. Supply keys in following quantities:
 1. Master Keys: 1 each.
 2. Construction Keys: 10 each.
 3. Construction Control Keys: 1 each.
 4. Control Keys: 1 each.
 5. Change Keys: 4 each for each keyed core.
 i. Deliver keys with identifying tags to Owner by security shipment direct from manufacturer.
 j. Permanent Keys and Cores: Stamped with applicable key marking for identification. Do not include actual key cuts within visual key control marks or codes. Stamp permanent keys "Do Not Duplicate."
 k. Include installation of permanent cores and return construction cores to hardware supplier. Construction cores and keys to remain property of hardware supplier.
3. ELECTRIC STRIKES
 1. Manufacturers:
 a. Listed in Door Hardware Schedule: RCI
 b. Substitutions: Best, Dorma, HES
 2. Properties:
 a. Provide UL (DIR) listed burglary-resistant devices.
 b. Non-handed devices suitable for door frame material and scheduled lock configuration.
 c. Include transformer and rectifier as necessary for complete installation.
 3. Grades: Comply with BHMA A156.31, Grade 1.
 4. Code Compliance: As required by authorities having jurisdiction in the State in which the Project is located.
 5. Options: As applicable to each item specified.
 a. Voltage: 24 VDC.
4. EXIT DEVICES
 1. Manufacturers:
 a. Listed in Door Hardware Schedule: Precision 2000
 b. Substitutions: Von Duprin 98, Sargent 8800
 2. Properties:
 a. Touchpads: "T" style metal touchpads and rail assemblies with matching chassis covers end caps.
 b. Latch Bolts: Stainless steel deadlocking with 3/4 inch projection using latch bolt.
 c. Cylinder: Include where cylinder dogging or locking trim is indicated.
 d. Strike as recommended by manufacturer for application indicated.
 e. Sound dampening on touch bar.
 f. Dogging:
 1. Non-Fire-Resistance-Rated Devices: Manual dogging feature UNO
 2. Fire-Resistance-Rated Devices: Manual dogging not permitted.
 g. Handing: Field-reversible.
 3. Grades: Comply with BHMA A156.3, Grade 1.
 4. Standards Compliance:
 a. Provide UL (DIR) listed exit device assemblies for fire-resistance-rated doors.
 b. Comply with UL 10C.
 5. Code Compliance: As required by authorities having jurisdiction in the State in which the Project is located.
5. CLOSERS
 1. Manufacturers:
 a. Listed in Door Hardware Schedule: Best EHD0916
 b. Substitutions: Best QDC100, LCN 4041XP, Sargent 350
 2. Properties:
 a. Surface Mounted Closers: Manufacturer's standard.
 1. Covers:
 1. Type: Standard for product selected.
 a. Full.
 2. Material: Plastic.
 3. Finish: Painted.
 3. Grades:
 a. Closers: Comply with BHMA A156.4, Grade 1.
 1. Underwriters Laboratories Compliance.
 2. Testing Standards Compliance: Meeting requirements of UL 10C for positive pressure.
 4. Code Compliance: As required by authorities having jurisdiction in the State in which the Project is located.
 5. Types:
 a. Rack-and-pinion, surface-mounted, 1-1/2 inches minimum bore.
 6. Installation:
 a. Mounting: Includes surface mounted installations.
 b. Mount closers on non-public side of door and stair side of stair doors unless otherwise noted in hardware sets.
 c. At out-swinging exterior doors, mount closer on interior side of door.
 d. Provide adapter plates, shim spacers, and blade stop spacers as required by frame and door conditions.
 e. Where an overlapping astragal is included on pairs of swinging doors, provide coordinator to ensure door leaves close in proper order when automatic both are used recitable problems (of substantial nature) in the performance of the hardware and submit to the Architect.

6. PART 1 PROTECTION PLATES
 1. Manufacturers:
 a. Listed in Door Hardware Schedule: Trimco
 b. Substitutions: Rockwood, Ives
 2. Properties:
 a. Plates:
 1. Kick Plates: Provide along bottom edge of push side of every wood door with closer, except aluminum storefront and glass entry doors, unless otherwise indicated.
 2. Edges: Beveled, on four (4) unless otherwise indicated.
 3. Provide UL fire rated stamp/sticker where required.
 3. Grades: Comply with BHMA A156.6.
 4. Material: As indicated for each item by BHMA material and finish designation.
 a. Metal Properties: Stainless steel.
 5. Installation:
 a. Fasteners: Countersunk screw fasteners
7. STOPS AND HOLDERS
 1. Manufacturers:
 a. Listed in Door Hardware Schedule: Trimco
 b. Substitutions: Rockwood, Ives, Don Jo
 2. General: Provide overhead stop/holder when wall or floor stop is not feasible.
 3. Grades:
 a. Door Holders, Wall Bumpers, and Floor Stops: Comply with BHMA A156.16 and Resilient Material Retention Test as described in this standard.
 4. Material: Base metal as indicated for each item by BHMA material and finish designation.
 5. Types:
 a. Wall Bumpers: Bumper, concave, wall stop.
 b. Floor Stops: Provide with rubber bumper floor stop, heavy duty as specified.
 6. Installation:
 a. Non-Masonry Walls: Confirm adequate wall reinforcement has been installed to allow lasting installation of wall bumpers.
8. GASKETING
 1. Manufacturers:
 a. Listed in Door Hardware Schedule: National Guard
 b. Substitutions: Reese, Pemko
 2. Grades: Comply with BHMA A156.22.
 3. Products:
 a. Weatherstripping: See Door Hardware Schedule.
 b. Door Bottom Seals:
 1. Door Sweeps: See Door Hardware Schedule.
 2. Door Shoes: See Door Hardware Schedule.
9. MISCELLANEOUS ELECTRIFIED HARDWARE
 1. Manufacturers:
 a. Listed in Door Hardware Schedule: Best/RCI
 2. Properties:
 a. Wire Harnesses: Of sufficient length, with quick connectors.
 1. Wire Harness End Connection to Power Supply or Junction Box: One end with bare leads.
 3. Products:
 a. Power Supplies:
 1. RCI DKPS.
 b. Wire Harnesses:
 1. BEST wire harnesses
10. FINISHES
 1. Finishes: Provide door hardware of same finish, unless otherwise indicated.
 a. Finish: 630, satin stainless steel. 652, satin chromium plated with steel base material. 626, satin chromium plated with brass/bronze base material and 689, aluminum painted, with any base material
a. PART 3 EXECUTION
1. EXAMINATION
 1. Verify that doors and frames are ready to receive this work; labeled, fire-rated doors and frames are properly installed, and dimensions are as indicated on shop drawings.
 2. Correct all defects prior to proceeding with installation.
 3. Verify that electric power is available to power operated devices and of correct characteristics.
2. INSTALLATION
 1. Install hardware in accordance with manufacturer's instructions and applicable codes.
 2. Install hardware using the manufacturer's fasteners provided. Drill and tap all screw holes located in metallic materials. Do not use "Riv-Nuts" or similar products.
 3. Install hardware on fire-rated doors and frames in accordance with applicable codes and NFPA 80.
 4. Install hardware for smoke and draft control doors in accordance with NFPA 105.
 5. Use templates provided by hardware item manufacturer.
 6. Do not install surface mounted items until application of finishes to substrate are fully completed.
 7. Wash down masonry walls and complete painting or staining of doors and frames.
 8. Complete finish flooring prior to installation of thresholds.
 9. Door Hardware Mounting Heights: Distance from finished floor to center line of hardware item. As indicated in following list; unless noted otherwise in Door Hardware Schedule or on drawings.
 a. For Steel Doors and Frames: Install in compliance with DHI (LCCS) recommendations.
 b. For Wood Doors: Install in compliance with DHI WDH3.3 recommendations.
 c. Mounting heights in compliance with operational and ADA Standards.
 10. Set exterior door thresholds with full-width bead of elastomeric sealant at each point of contact with floor providing a continuous weather seal; anchor thresholds with stainless steel countersunk screws.
 11. Include in installation for existing doors and frames any necessary field modification and field preparation of doors and frames for new hardware. Provide necessary fillers, reinforcements, and fasteners for mounting new hardware and to cover existing door and frame preparations.
3. FIELD QUALITY CONTROL
 1. Perform field inspection and testing under provisions of Division 1 - Quality Requirements.
 2. Provide an Architectural Hardware Consultant (AHC) to inspect installation and certify that hardware and installation has been furnished and installed in accordance with manufacturer's instructions and as specified.
4. ADJUSTING
 1. Adjust work under provisions of Division 1 - Execution and Closeout Requirements.
5. CLEANING
 1. Clean finished hardware in accordance with manufacturer's written instructions after final adjustments have been made.
 2. Clean adjacent surfaces soiled by hardware installation activities.
 3. Replace items that cannot be cleaned to manufacturer's level of finish quality at no additional cost.
 4. See Division 1 - Construction Waste Management and Disposal, for additional requirements.
6. PROTECTION
 1. Protect finished Work under provisions of Division 1 - Execution and Closeout Requirements.
 2. Do not permit adjacent work to damage hardware or finish.
3.07 MAINTENANCE
 A. Approximately six months after the acceptance of hardware in each area, the hardware installer shall:
 1. Return to the project and re-adjust every item of hardware to restore proper function of doors and hardware.
 2. Consult with and instruct Owner's personnel in recommended additions to the maintenance procedures.
 3. Replace hardware items which have deteriorated or failed due to faulty design, materials or installation of hardware units.
 4. Prepare a written report of current and predictable problems (of substantial nature) in the performance of the hardware and submit to the Architect.



KAISER PERMANENTE

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No.	Revisions	Date	Appr.

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

Permit Set

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Project Architect Approval: _____

Architect/Engineer of Record: _____



Facility: Puyallup Medical Center
 Puyallup, Washington

Project: PLP Card Readers

Sheet Title: HardwareSpecs

Building ID: NSC	Floor Level: 01	Section: --
Scale: 12" = 1'-0"	KP Project No. 024-05-199M	Permit No. ----
Drawn By: Author	Permit No. ----	Sheet
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