

Siemens Industry, Inc.**Date: 12 OCT 2020****To: Lolly Huggins & Ciara Bertulfo – Snohomish County****RE: Snohomish County Transfer Stations – SiPass Access Control**

Siemens Industry, Inc. is pleased to provide the following quotation for the above referenced project. This quote is based on **Site Surveys** completed by **Paul Pritchard (Siemens) and Lolly Huggins (Snohomish County)**. All Snohomish County standard and specifications have been acknowledged.

FINANCIAL SUMMARY

Airport Road (ARTS)	\$ 104,500.00
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North Transfer Station	\$ 26,800.00
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SW Transfer Station	\$ 91,200.00
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Sub Total:	\$225,500.00
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Additional Discount:	<u>(\$9,500.00)</u> (Single PO Required)
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Total Investment:	\$216,000.00
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SITUATION

Snohomish County has requested Siemens to assist with an expansion of the SiPass Access Control system to multiple transfer stations. The following three (3) transfer stations will receive this upgrade:

- Airport Road Transfer Station (ARTS)
- North Transfer Station
- Southwest Transfer Station

Siemens has included two (2) new panel designs to minimize oversizing the access control panels at specific locations. New panel designs include 8 door and 2 door configurations. Siemens will provide point-to-point engineered drawings for each panel type and will expand the existing Snohomish County drawing set. Each site will receive the necessary components to provide a full functioning access control system and will be connected to the existing Snohomish County SiPass system.

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SCOPE OF WORK

Airport Road Transfer Station (ARTS) (11-Card Readers):

Siemens shall furnish and install a SiPass Access Control System upgrades at the Snohomish County Airport Road transfer station (ARTS).

- **System Software:** Expansion of existing Snohomish County current infrastructure.
- **Labor:** *Day shift* estimated. Prior to project start, Siemens will provide a project schedule to Snohomish County for approval.

➤ **Bill of Materials**

Employee Bldg **\$55,900.00**

- (1) SiPass Snohomish County **8-Door** Panel consisting of: (1) 22.75"W x 27.25"H x 6.5"D Locking Enclosure, (1) ACC, (1) 8-door controller, (2) power supplies with fire alarm input, (1) SiPass Software expansion, (3) 12V backup batteries
- (6) Access Control Door Packages consisting of: Card Readers, Request-to-Exit sensors, Door position sensors, and electrified locking hardware
 - (1) New Lockset & Transfer Hinge with installation
 - (3) New electric strikes with installation
 - (2) New Magnetic Locks with installation
 - (6) HID Signo Card Readers
 - (6) 1" recessed steel door position sensors
 - (6) Request-to-Exit (REX) door motions
 - (2) Pneumatic Exit Buttons (1per locker room)
- (Misc) Cable, Conduit, Connectors, Lift Rental, permit

Weigh Station Booth x 3 **\$31,850.00**

- (1) SiPass Snohomish County **8-Door** Panel consisting of: (1) 22.75"W x 27.25"H x 6.5"D Locking Enclosure, (1) ACC, (1) 8-door controller, (2) power supplies with fire alarm input, (1) SiPass Software expansion, (3) 12V backup batteries
- (3) Access Control Door Packages consisting of: Card Readers, Request-to-Exit sensors, Door position sensors, and electrified locking hardware
 - (3) New electric strikes with installation
 - (3) HID Signo Card Readers, mullion mount
 - (3) 1" recessed steel door position sensors
 - (3) Request-to-Exit (REX) door motions
- (Misc) Cable, Conduit, Connectors

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Recycling Booth **\$16,800.00**

- (1) SiPass Snohomish County **2-Door** Panel consisting of: (1) 14"W x 14"H x 4"D Locking Enclosure, (1) ACC-AP Door Controller , (1) 12/24V power supply, (1) SiPass Software expansion, (2) 12V backup batteries
- (2) Access Control Door Packages consisting of: Card Readers, Request-to-Exit sensors, Door position sensors, and electrified locking hardware
 - (2) New electric strikes with installation
 - (2) HID Signo Card Readers, mullion mount
 - (2) 1" recessed steel door position sensors
 - (2) Request-to-Exit (REX) door motions
- (Misc) Cable, Conduit, Connectors

North Transfer Station (2-Card Reader):

Siemens shall furnish and install a SiPass Access Control System upgrades at the Snohomish County North Transfer Station.

- **System Software:** Expansion of existing Snohomish County current infrastructure.
- **Labor:** *Day shift* estimated. Prior to project start, Siemens will provide a project schedule to Snohomish County for approval.
- **Bill of Materials**
 - Employee Bldg x 1 **\$13,000.00****
 - (1) SiPass Snohomish County **2-Door** Panel consisting of: (1) 14"W x 14"H x 4"D Locking Enclosure, (1) ACC-AP Door Controller , (1) 12/24V power supply, (1) SiPass Software expansion, (2) 12V backup batteries
 - (1) Access Control Door Packages consisting of: Card Readers, Request-to-Exit sensors, Door position sensors, and electrified locking hardware
 - (1) New Lockset & Transfer Hinge with installation
 - (1) HID Signo Card Readers
 - (1) 1" recessed steel door position sensors
 - (1) Request-to-Exit (REX) door motions
 - (Misc) Cable, Conduit, Connectors, Lift Rental, permit

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Weigh Station x 1 **\$13,800.00**

- (1) SiPass Snohomish County **2-Door** Panel consisting of: (1) 14"W x 14"H x 4"D Locking Enclosure, (1) ACC-AP Door Controller , (1) 12/24V power supply, (1) SiPass Software expansion, (2) 12V backup batteries
- (1) Access Control Door Packages consisting of: Card Readers, Request-to-Exit sensors, Door position sensors, and electrified locking hardware
 - (1) New electric strikes with installation
 - (1) HID Signo Card Readers
 - (1) 1" recessed steel door position sensors
 - (1) Request-to-Exit (REX) door motions
- (Misc) Cable, Conduit, Connectors

Southwest Transfer Station (9-Card Reader):

Siemens shall furnish and install a SiPass Access Control System upgrades at the Snohomish County Southwest transfer station.

- **System Software:** Expansion of existing Snohomish County current infrastructure.
- **Labor:** *Day shift* estimated. Prior to project start, Siemens will provide a project schedule to Snohomish County for approval.

➤ **Bill of Materials**

Employee Bldg x 4 **\$37,500.00**

- (1) SiPass Snohomish County **8-Door** Panel consisting of: (1) 22.75"W x 27.25"H x 6.5"D Locking Enclosure, (1) ACC, (1) 8-door controller, (2) power supplies with fire alarm input, (1) SiPass Software expansion, (3) 12V backup batteries
- (4) Access Control Door Packages consisting of: Card Readers, Request-to-Exit sensors, Door position sensors, and electrified locking hardware
 - (2) New electric strikes with installation
 - (2) New Magnetic Locks with installation
 - (4) HID Signo Card Readers
 - (4) 1" recessed steel door position sensors
 - (4) Request-to-Exit (REX) door motions
 - (2) Pneumatic Exit Buttons (1per locker room)
- (Misc) Cable, Conduit, Connectors, Lift Rental, permit

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Weigh Station Booth x 3 **\$35,900.00**

- (1) SiPass Snohomish County **8-Door** Panel consisting of: (1) 22.75"W x 27.25"H x 6.5"D Locking Enclosure, (1) ACC, (1) 8-door controller, (2) power supplies with fire alarm input, (1) SiPass Software expansion, (3) 12V backup batteries
- (3) Access Control Door Packages consisting of: Card Readers, Request-to-Exit sensors, Door position sensors, and electrified locking hardware
 - (3) New electric strikes with installation
 - (3) HID Signo Card Readers, mullion mount
 - (3) 1" recessed steel door position sensors
 - (3) Request-to-Exit (REX) door motions
- (Misc) Cable, Conduit, Connectors

Recycling Booth x 2 **\$17,800.00**

- (1) SiPass Snohomish County **2-Door** Panel consisting of: (1) 14"W x 14"H x 4"D Locking Enclosure, (1) ACC-AP Door Controller , (1) 12/24V power supply, (1) SiPass Software expansion, (2) 12V backup batteries
- (2) Access Control Door Packages consisting of: Card Readers, Request-to-Exit sensors, Door position sensors, and electrified locking hardware
 - (2) New electric strikes with installation
 - (2) HID Signo Card Readers, mullion mount
 - (2) 1" recessed steel door position sensors
 - (2) Request-to-Exit (REX) door motions
- (Misc) Cable, Conduit, Connectors

Option(s)

- ADA Door Operator Addition **\$12,400.00** (not included in proposal pricing)
 - One (1) ADA Operator for South Employee entry door
 - Two (2) ADA push buttons
 - Integrate to Access Control Card Reader
 - Cable, Conduit, connectors, permits
 - Program and test

Siemens Industry, Inc.

CLARIFICATIONS

1. Siemens Installation = System components, system design, engineering services, field technician startup, system testing and commissioning.
2. ACAD drawings: Point-to-Point drawing included. Siemens will add required engineered project drawings as applicable for this project. It is assumed Siemens will continue drawings from last known revision. Drawings will follow current drawing format as specified by Snohomish County.
3. All Siemens proposed SiPass panels will differ from previous Snohomish County standards. New panels include smaller enclosures with reduced power supply capacity, removal of the punch down terminal block, deletion of the farrel terminal connectors and a reduced amount of controller boards. Each new panel will be designed and assembled to accommodate the specific project parameters. Individual cable labeling will remain as part of the panel design.
4. Siemens assumed to combine all proposed sites as a single project. Weekly progress meetings are included in project pricing.
5. Pricing includes project management for the duration of the tentative project schedule.
6. Pricing includes one (1) year warranty
7. All project required 120VAC circuits must be identified by Snohomish County. Once appropriate circuits are identified, Siemens will complete the necessary 120VAC connection to security panels.
8. Security panel network connectivity provided by Snohomish County.
9. *Day Shift* Work is assumed to be completed during normal business hours Monday – Friday (7am-5pm). *Night Shift* work is assumed to be completed during off business hours Monday – Friday (6pm-2am). If night shift is required, additional cost will apply.
10. Siemens to provide electrical permit and coordinate inspection with AHJ.

EXCLUSIONS

1. Cutting, painting and patching.
2. Asbestos abatement or containment
3. Fire Alarm system interface, if required.
4. Provide by others = Network connectivity and identification of appropriate 120VAC circuit(s).
5. Performance or Payment bonds.
6. Costs associated with schedule acceleration, project meetings, multiple trips onsite due to incompleteness of others, or multiple unplanned phases.
7. Washington State Sales Tax.

Please contact me immediately if you have any questions or concerns regarding this proposal. If this proposal is acceptable, please return a signed copy to our office via mail or fax. **This will serve as our notice to proceed with the work described herein.**

Proposal accepted by:

Name: _____

Company: _____

Title: _____

Signature

Date

Proposal submitted by:

Paul Pritchard

Sales Executive

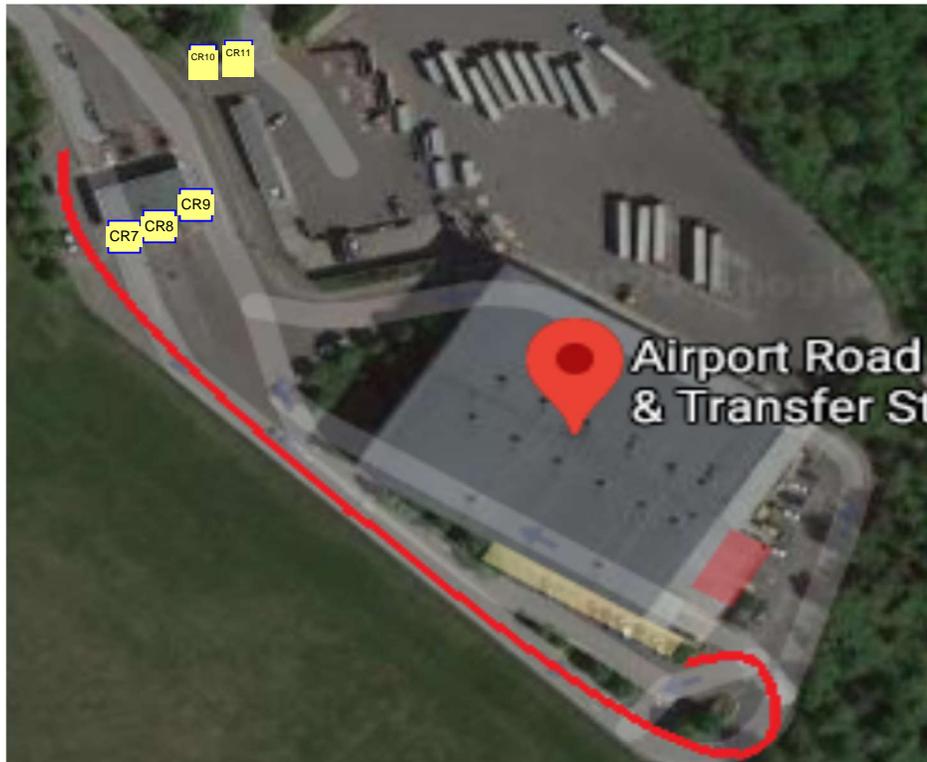
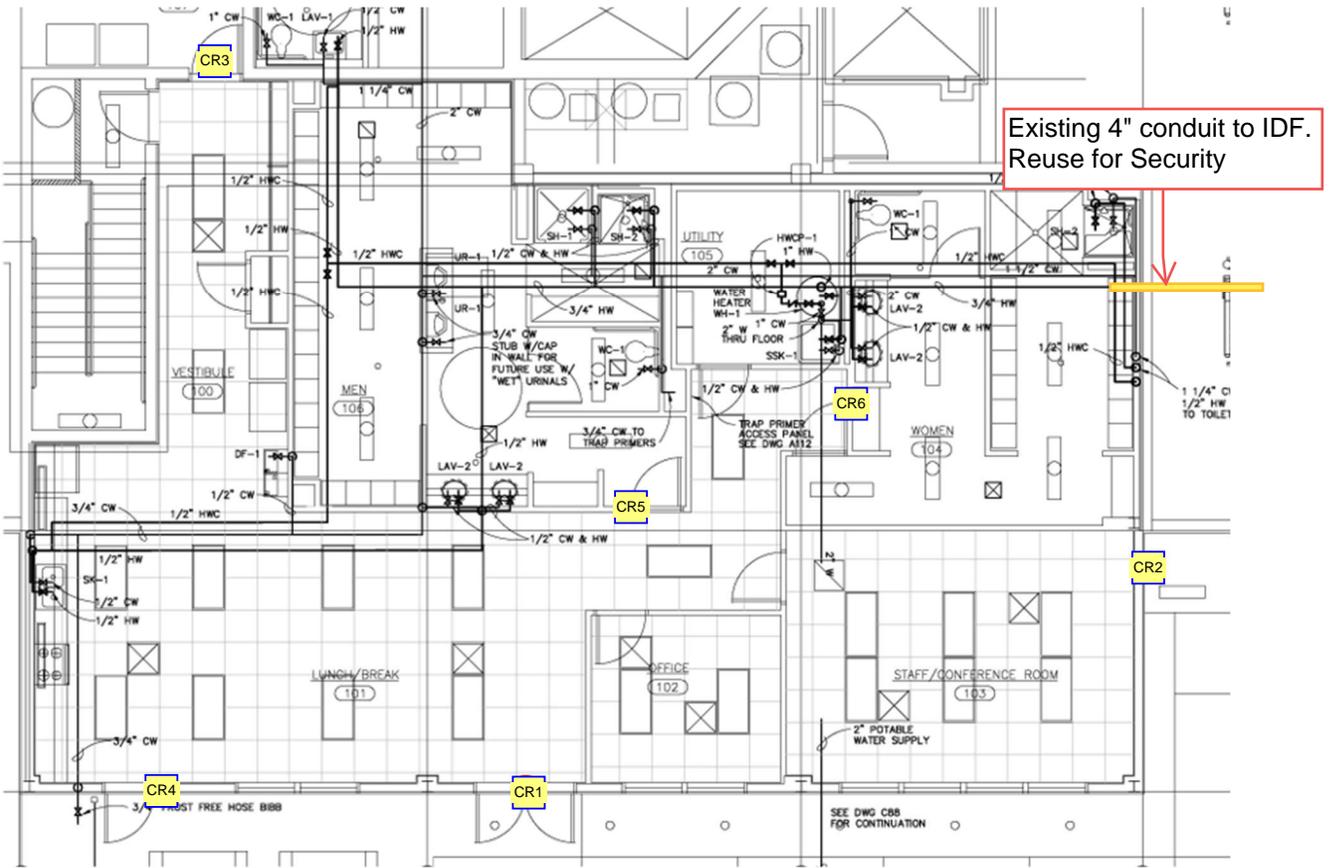
Siemens Industry, Inc.

Paul Pritchard 10/12/2020

Signature

Date

Snohomish County Airport Road Recycling & Transfer Station (ARTS)



Snohomish County Airport Road Recycling & Transfer Station (ARTS)



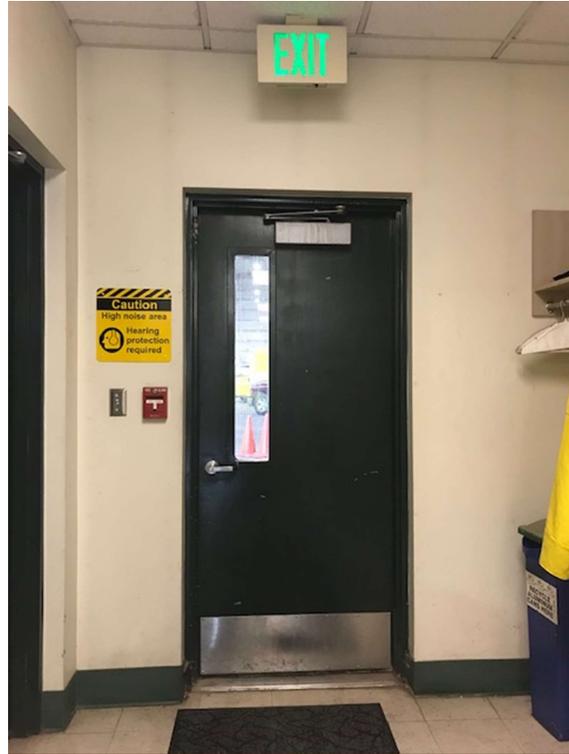
Door #1 Employee entry Double door = Add Card Reader, REX, D/C, Lock one door and add Electrified Panic hardware with transfer hinge

Snohomish County Airport Road Recycling & Transfer Station (ARTS)



Door #2 Employee Side Door = Add Card Reader, REX, D/C, Electrified Strike, Change hardware to Storeroom function

Snohomish County Airport Road Recycling & Transfer Station (ARTS)



Door #3 Vending Machine Doors = Add Card Reader, REX, D/C, Electrified Strike, Change hardware to Storeroom function. *NOTE*Concrete filled jam

Snohomish County Airport Road Recycling & Transfer Station (ARTS)



Door #4 Employee Side Door = Add Card Reader, REX, D/C, Electrified Strike, Change hardware to Storeroom function



Door 5 & 6 – Men / Women Locker Rooms = Add Card Reader, MagLock, Exit button, REX, D/C

Snohomish County Airport Road Recycling & Transfer Station (ARTS)



Head end Panel location (Main Bldg Only)

- Re-use existing plywood and local 120VAC
- Existing 3" conduit from Mens Locker room to Panel location

**Snohomish County
Airport Road Recycling & Transfer Station (ARTS)**



Door 7, 8, 9 – Weight Stations = Add Card Reader, REX, D/C, Electrified Strike, Change hardware to Storeroom function

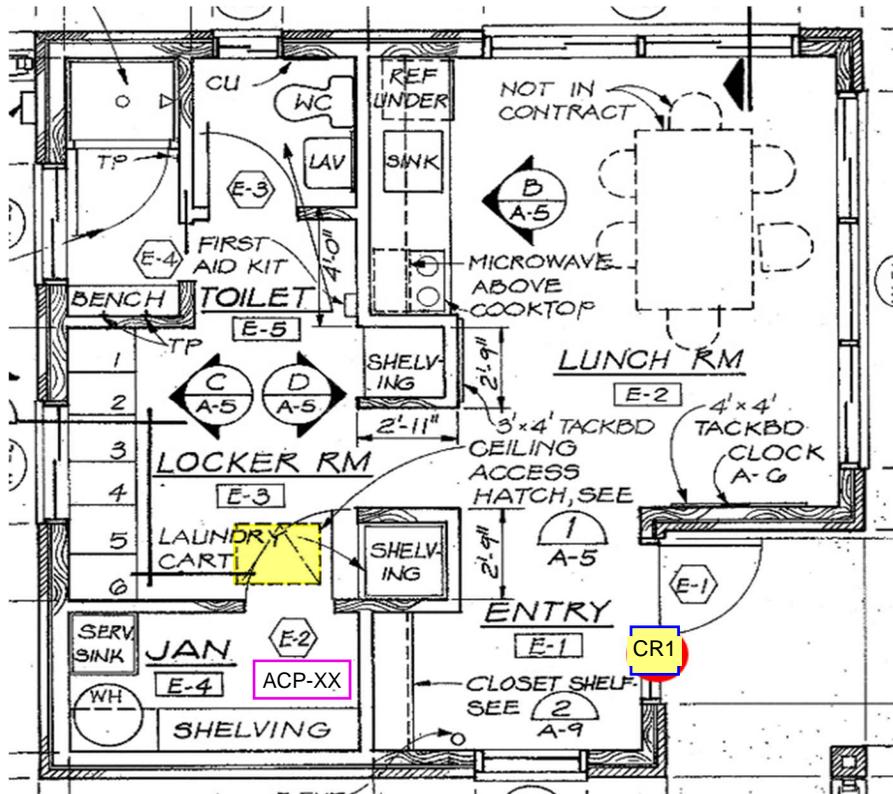
Snohomish County Airport Road Recycling & Transfer Station (ARTS)



Door 10 & 11 – Recycle = Add Card Reader, REX, D/C, Electrified Strike, Change hardware to Storeroom function

- Panel and network above ceiling

Snohomish County North County Transfer Station



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Snohomish County North County Transfer Station

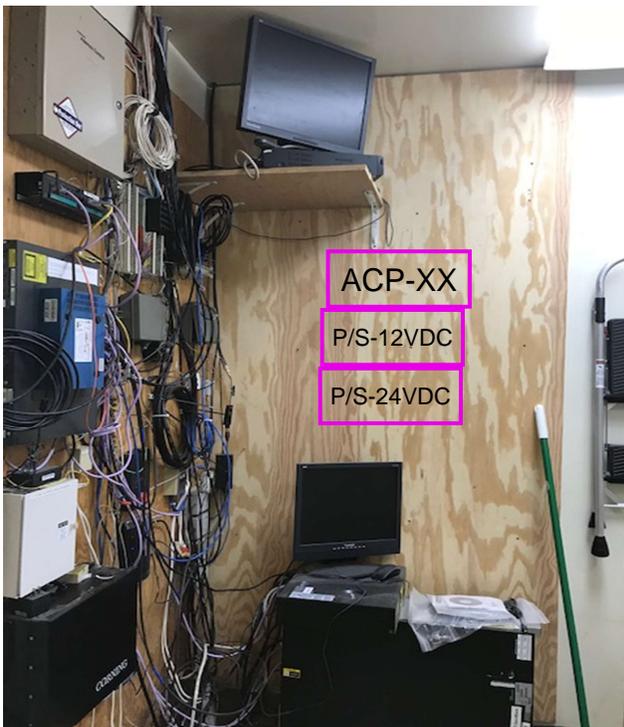


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~~Portable - Men & Women Locker Room~~

~~Arial Cable to Portable. Run cable under portable to each door.~~

~~Each Door Requires: Card Reader, REX, D/C, Magnetic Lock, Pneumatic Exit button~~



Panel Room: Janitor Closet Room E-4



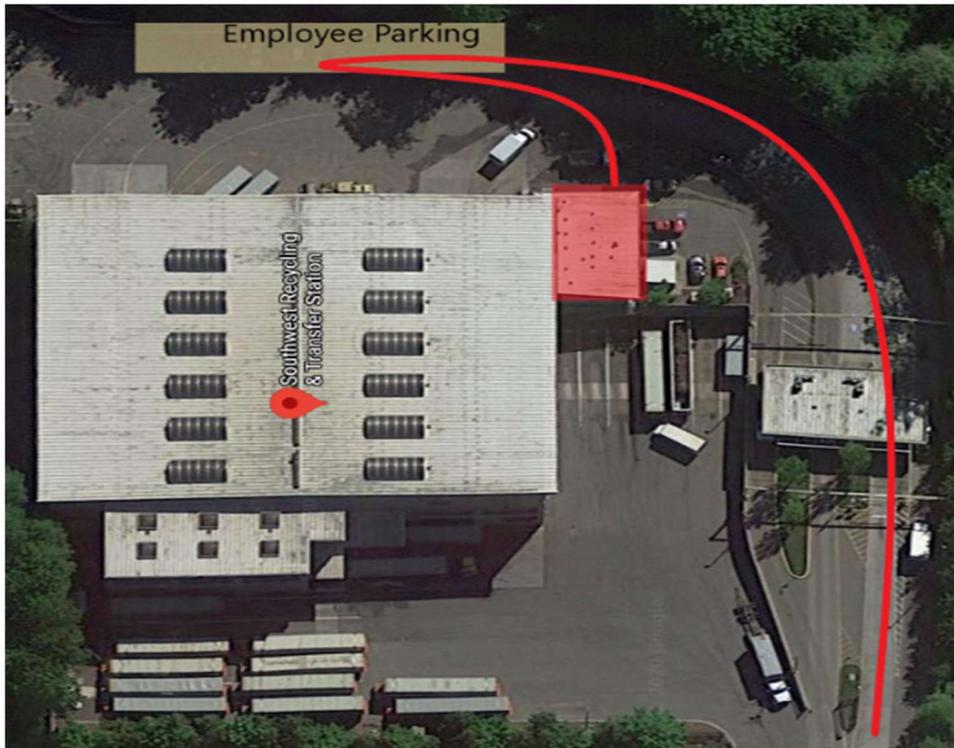
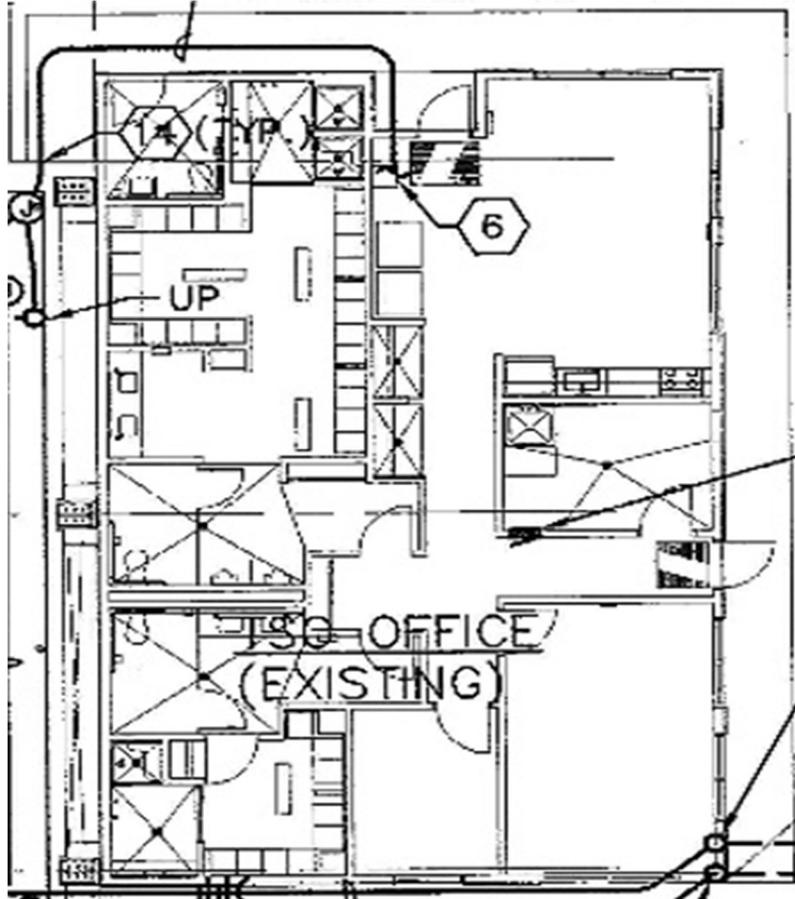
Hatch to attic for cabling

Snohomish County North County Transfer Station



Door #2 – Weight Station = Add Card Reader (1) , REX, D/C, Electrified Strike, Controller panel (under desk or on wall). Change hardware to Storeroom function

Snohomish County SW Transfer Station



Snohomish County SW Transfer Station



Door #1 – South Entry = Add Card Reader, REX, D/C, Electrified Strike, Change hardware to Storeroom function

Snohomish County SW Transfer Station



Door 2 & 3 – Men / Women Locker Rooms = Add Card Reader, MagLock, Exit button, REX, D/C

Snohomish County SW Transfer Station



Door #4 – East Entry = Add Card Reader, REX, D/C, Electrified Strike, Change hardware to Storeroom function

Snohomish County SW Transfer Station



PANEL LOCATION: Re-use Plywood. Re-use conduit to office area. Local 120VAC.

Snohomish County SW Transfer Station



Door 5, 6, 7 – Weight Stations = Add Card Reader, REX, D/C, Electrified Strike, Change hardware to Storeroom function

- Investigate available conduit pathway to Panel room. If available, homerun all door cabling.
- Quoted: Mount panel in middle booth and incorporate remaining two (2) card reader doors.



Door #8 & #9 – Recycle = Add Card Reader, REX, D/C, Electrified Strike, Change hardware to Storeroom function

- Panel and network in office area