

The Loop - Morrow County Public Transit

Advisory Committee Agenda

January 17, 2023, at 3:00 pm

Upper Bartholomew Conference Room

110 N. Court Heppner, Or. 97836

See Virtual Meeting Information on Page 2

- 1. Call to Order and Roll Call**
- 2. Welcome – New Transit Manager, Benjamin Tucker**
- 3. Public Comment**
- 4. Election of Chair and Vice Chair**
- 5. Approve Minutes**
 - a. October 2022
- 6. Update – Transit Manager, Benjamin Tucker**
 - a. Ridership/Drivers – two driving positions open
 - b. Budgets
 - c. STIF Plan FY 23-25 Submitted
 - d. STIF Discretionary Applications Submitted – NEACT Review 1/12/23
 - e. 5310 & 5311 Applications Submitted
 - f. Replacement Van Delivered for Boardman
 - g. New Driver Incentive Policy
 - h. Projects:
 - Transit Facility – Schematic Design and Cost Analysis,
 - New Dispatcher hired,
 - Dispatching Software – Purchased, Implementation in process.
- 7. Other Business**
 - a. MCPT Committee Membership
 - Six active members, three vacancies
 - Two active alternates, and seven alternate vacancies

Next Meeting:

April 18th, 2023 Location: Irrigon Government Center – Don Adams Conference Room

Adjourn

The meeting location is accessible to persons with disabilities. A request for an interpreter for the hearing impaired or for other accommodations for persons with disabilities should be made at least 48 hours before the meeting to Benjamin Tucker at 1-844-676-5667 or 541-676-5667

Virtual Meeting Information

Morrow County is inviting you to a scheduled Zoom meeting.

Topic: Morrow County Public Transit Advisory Committee Meeting

Time: Jan 17, 2023 03:00 PM Pacific Time (US and Canada)

Join Zoom Meeting

<https://us02web.zoom.us/j/89626083710?pwd=RXlCS2xqOHQwRUdmZ2w0Q1VDbHV6Zz09>

Meeting ID: 896 2608 3710

Passcode: 360911

One tap mobile

+16699006833,,89626083710#,,,,*360911# US (San Jose)

+17193594580,,89626083710#,,,,*360911# US

Dial by your location

+1 669 900 6833 US (San Jose)

+1 719 359 4580 US

+1 253 205 0468 US

+1 253 215 8782 US (Tacoma)

+1 346 248 7799 US (Houston)

+1 669 444 9171 US

+1 309 205 3325 US

+1 312 626 6799 US (Chicago)

+1 360 209 5623 US

+1 386 347 5053 US

+1 507 473 4847 US

+1 564 217 2000 US

+1 646 931 3860 US

+1 689 278 1000 US

+1 929 436 2866 US (New York)

+1 301 715 8592 US (Washington DC)

+1 305 224 1968 US

Meeting ID: 896 2608 3710

Passcode: 360911

Find your local number: <https://us02web.zoom.us/u/kt2Fp9MN9>

The Loop - Morrow County Public Transit

Advisory Committee Minutes

October 18, 2022, at 3:00 pm

Public Works Conference Room - 365 W. Hwy 74, Lexington, OR 97839

1. Call to Order, Welcome, and Roll Call

Welcome, everybody.

Meeting Called to Order at 3:02

- Debbie (Rosemary) Khaljani: Substitute Heppner/Seniors
- Katie Imes: County Staff, Transit Coordinator
- Heidi Turrell: County Staff, Transit Operations Supervisor
- Sheryll Bates: Heppner/Seniors
- George Nairns: County Staff
- Aaron Palmquist: Chair, Irrigon/Low Income
- Angie Jones: ODOT Region 5 Transit Coordinator, she was with the people mover for 11 ½ years
- Debbie Radie: Vice Chair, Port of Morrow Employers/Employees
- Stephanie Case: County Staff/Local Planner
- Karen Pettigrew: Boardman/Low Income

2. Public Comment

No Comments

3. Approve Minutes

a. July 2022

Aaron: So then I would entertain a motion to approve the minutes for July 2022.

Sheryll: I would make a motion to move to approve the meeting as of July 2022, as presented

Stephanie: I'll second

Aaron: Motion Carries

4. STIF Plan Application Review/Approve FY 23/25

Katie:

Advisory Committee Project Review provided by ODOT

- Increase the frequency of bus service to communities with a high percentage of low-income households.
- Expand bus and bus services to serve communities with a high percentage of low-income households.
- Reduced fares for public transportation and communities where a high percentage of low-income households
- Resulting in the procurement of busses that are powered by natural gas or electricity produced in areas with a population of 200,000 or more.
 - Does not apply to us.
- Improve the frequency and reliability of service connections between communities inside and outside of the qualified entity service area.
- Increase the coordination between public transportation service providers to reduce fragmentation in the provision of public transportation services.
- Expand student transit services for students in grades nine through twelve
- Enhance services for older adults and people with disabilities.

Also included is a summary of the proposed projects for the upcoming biennium for 2023 through 2025 and actual application is 60+ pages.

The estimated revenue forecast is \$835,747. ODOT forecasted this, this is an increase from our last biennium.

DRAFT

Project One Is Capital Projects.

1a: Transit Infrastructure. provide the local match for the 5339 grant and that is for phase two project administration for that facility.

1b: Vehicle match for capital vehicles. To replace our older vehicles in Dial a Ride service.

1c: Equipment purchases for bus stops, signage, shelters, benches, etc.

Are there any questions about Project one?

Sheryll: Over how many vehicles we have or location and where we would be placing them.

3 vehicles in Irrigon.

1 ADA Van

2 Mini Vans

3 vehicles in Boardman

1 ADA Van

1 Mini Van

1 14-Passenger Bus

1 30-Passenger Bus (not in use)

3 vehicles in Heppner

1 ADA Van

1 Mini Van

1 14-Passenger Bus

Sheryll: Are we planning on purchasing any other vehicles?

Katie: The local match in the Capitol section is to replace two of our vans. They are getting up there in miles and now only to be replaced.

Debbie: The estimated revenue is \$835,747 but I see the total of projects is \$1.1 million. What are these correlations to each other?

Katie: The state has recommended that we add a 20% contingency to our projects. They anticipate receiving more revenue and if we don't allocate or plan for that revenue, then we can't use it.

Angie: If you don't plan for it, you can't spend it. So the agency has recommended planning for an additional 20% increase just in case.

Katie:

3a. Transit operations/drivers: \$582,000. Includes ten part-time drivers. But at an increased wage. These driving positions are our part-time drivers, and they are not CDL drivers

3d. Operations Project: driver's professional development program

Debbie: Bud Stevens, through BMCC, teaches drivers the CDL license.

Katie: we have this \$12,000 where we could provide a match for training. The state program may help to provide a match for a driver.

Angie Jones regarding CDL Drivers. When they get into these training programs, you need to make sure that they're coming out of these training programs if you're going to assist with funding the class in any way if they're coming out with passenger endorsement, otherwise, it does no good.

From oregon.gov

Code	Endorsement or Restriction
P	You may drive a Class C passenger vehicle designed to carry 16 or more people, including the driver or a Class A or B vehicle designed to transport persons in commerce.

Katie: I believe that it is in the job description, but I will make sure.

Capital Projects

1a: is there anything there that you would reprioritize? Now is the time to do that.

Sheryll: So all of our funds will combine now, like from the start of today?

Katie: They will be combining this July. as of now, they are still separated. So this includes our STF dollars too.

Debbie: I didn't see where it's helping people get to work, and be able to keep and maintain a job.

Katie: Committee Project Review, "Improve the frequency and reliability of service connections between communities inside and outside of the Qualified Entity's service area" would apply And then also expanding bus routes or bus services to serve communities with a high percentage of low-income households.

How about using natural gas or electric vehicles,

Katie: busses that are powered by natural gas or electricity. that's for populations greater than 200,000 people

0% for Electric/Natural Gas Vehicles.

0% for Reducing Fares as our service is free.

this is guidance for us to plan these projects, and make sure to use the dollars according to the state goals.

Debbie: The estimated revenues, did the state figure that out?

Katie: The revenue comes from payroll taxes, STF dollars which include cigarette tax, excess revenue from sales of photo ID cards, and other funds from ODOT. they are estimates. They are forecasts, the revenue may be more than 835,000. And that's why they're asking us to, plan for a 20% contingency.

Katie: Are there any other Questions?

Capital Reserve. And this is new. We did not have this last biennium

2c: Efforts to start building a Capital Reserve so that we can have a Capital Replacement Plan.

Aaron: have figured in the fee/new tax for vehicles.

Katie: Yes. That's in our transit operations.

Sheryll: So how are you estimating fuel?

Katie: We did a 25% contingency increase, but now we're at like 30%

Operations

- Transit Operations and Drivers
- Local Match for Our State and Federal Funds
- Marketing and Outreach

Sheryll: So marketing and outreach, what were you thinking?

Katie: I see that being utilized with the fixed route system. We're doing quite a bit of marketing right now for the dial-a-ride service, but I see us needing to do a robust marketing campaign when we are getting ready to launch the service.

- Driver Professional Development Program
- Caravan Contracted Services

Sheryll: Do contract services mean less demand for our services?

Katie: Right now our dial-a-ride service is booked out for 2 to 3 weeks. We're at full capacity. So the contracted services help quite a bit.

We need to have a motion from the committee to recommend the bring it forward to the commissioner.

Aaron: I'll entertain a motion for number four on the application review and approval for FY 23/25.

Stephanie: I make a motion to send the application for application review and approval.

Sheryll: So I'll second that.

Aaron:

For the future, on agendas can you put an asterisk that designates that we need a motion to approve?

Motion Passes. Take It to The Commissioner. Thank You.

5. Update - Transportation Coordinator, Katie Imes

a. Ridership/Drivers

July through September 2022, We are continuing to increase. We're at capacity.

Total denials are down from last quarter; we did have an increase in cancellations.

We have a new driver, Darrell Williams. He operates out of the Heppner Barn, we're very pleased that we have a strong driving crew here in South County.

Any questions about ridership, drivers?

George: What seems to be the reason for cancelations?

Heidi: Mostly it's the appointment was canceled the doctor's office or the rider is sick.

George: are you still not able to provide rides because we don't have enough drivers?

We have so many drivers with so many vehicles, so there isn't much more we can do, we are at capacity.

George: *just a complement I've heard from two different people that complement Jesse, your bus driver. Jesse is very polite and helpful and polite and so I just wanted to share that, that people really like him.*

The service for Kayak is 150 riders, that is the quarterly total.

Are we going taking riders to Seattle and/or Portland

Yes, but we encourage that those appointments are for specialty care, not a regular provider visit. These trips are expensive for this program. And we did do that for a little bit, but now with fuel, we are not going to Seattle.

Our drivers only have 19 hours a week, and when we send somebody to Portland, that's an 8 to 12-hour day. That is limiting to their schedule

Are medical trips to Portland required by the state? No they aren't.

Do we have the opportunity like to apply for other grants or are we ineligible because we're funded mostly by the state?

We got two veterans grants right now which are very helpful that equates to over \$100,000 for operational costs

b. Budget

Budget 216. This is our special transportation funds, all of our state dollars.

Revenue

- Quarterly Payments for The STF and STIF Funds
- Donations
- Medicare Reimbursement
- Interest.

Personnel.

- Dispatcher
- Drivers
- Operating Costs

Materials and Services

- Fuel
- Telephone
- Registration and Dues
- Mileage
- Contracted Services - There is a lot of planning that we're doing right now for the transit facility, but also our coordinated transportation program, which we just got updated.
- Operating
- Maintenance

Budget 225: Vehicle Reserves

The category c class in the vehicle reserve here was delivered.

The buses have been ordered, but there has been a price increase, this has to go back to the BOC.

But why do you have to ask the commissioners approval? All fiscal spending, over \$30,000 have to go before the BOC.

The estimated delivery date march 2023.

504 Budget: Federal Money

- 5310, Enhanced Mobility of Seniors and Individuals with Disabilities
- 5311 Personnel Costs.
- 5310 Discretionary Preventative Maintenance
- 5304 for Grant is for the coordinated transportation plan update, which we've just completed. It's just carried over from last fiscal year because we're not completely finished with the project.
- Highly Rural Transportation Grant - Veterans
- 5311 CARE dollars. This is going to increase, we just received more CARES dollars.
- 5339 Discretionary Transit Facility Project – Phase 2

The end of the ending account balance is -\$13,000. This fund is no easy to maintain because it's all reimbursement based. There's no quarterly payments coming into this account.

We are working with the finance director to come up with a solution to this, it would be nice if we could consolidate the 216 and then the 504 into one operating account.

Letter of Interest Sent for STIF Discretionary Funding: This is discretionary funding allows us to expand and launch new services. Services and and equipment purchase for wayfinding equipment.

c. 5310 Discretionary Grant Application – **AWARDED \$38,752**

d. 5339 Discretionary Facilities Grant Application **AWARDED \$200,000**

e. 5339 Discretionary Vehicle Replacement Grant – RFQ Released

f. Covid Relief Application Review **AWARDED \$158,529**

g. Projects: Transit Facility – Preliminary Site Design, CTP Update, GOHBI/MOU Update, Transit Operations Supervisor Position, Dispatching Software – RFQ Released.

- ADA Van RFQ Out, News next meeting
- COVID Relief Application was Awarded, several projects included in this including driver recruitment.
- After this first phase is done is to plan some community engagement on this project.
- Tori Griggs could help setting up community involvement and getting this information out to the public. She is the Chamber director in Boardman.

- The Heppner Bus Barn will remain in Heppner, but the Irrigon and Boardman vehicles will move to this site.
- There will be bike racks on the front of the buses. There will be sidewalk improvements for ada capability.
- The Coordinated Transportation Plan has been updated and is going in from of the commissioners.
- GOBHI contract has been updated because we increased our service fee, with the cost of everything going up.
- RFQ for dispatching software, will have an update next meeting, hoping to streamline the schedule and also communication.

6. Other Business

- a. MCPT Committee Membership
 1. Six active members, three vacancies
 2. Two active alternates, and seven alternate vacancies

The director of the Irrigon Chamber, Brenda Shockman, can give you access to post on their website.

Next Meeting:

January 17th, 2023 Location: Heppner Upper Bartholomew Conference Room

Adjourn

Or any other questions?

None

Meeting Adjourned: 4:21

MORROW COUNTY PUBLIC TRANSIT
DEMAND RESPONSE SERVICE TOTAL QUARTERLY RIDES, CANCELLATIONS & DENIALS
 October to December 2022

CURRENT DRIVERS

October 2022					
City	Rides	Other Ride Data			
Boardman	61	Cancellations	27	Vet	10
Irrigon	256	Denied	22	Vet	5
Heppner	108	Non Ambulatory Rides	286		
Total	425	Veteran Rides	72		

HEPPNER

Jesse Husband
Darrell Williams

November 2022					
City	Rides	Other Ride Data			
Boardman	40	Cancellations	40	Vet	13
Irrigon	250	Denied	9	Vet	1
Heppner	83	Non Ambulatory Rides	295		
Total	373	Veteran Rides	89		

IRRIGON

Bobbie Veatch
Connie Shultz
Ron Aliangan

December 2022					
City	Rides	Other Ride Data			
Boardman	60	Cancellations	60	Vet	20
Irrigon	236	Denied	25	Vet	11
Heppner	94	Non Ambulatory Rides	245		
Total	390	Veteran Rides	79		

BOARDMAN

Phyllis Gilbertson
John Blazer

QUARTERLY TOTALS					
TOTAL RIDES					1,188
TOTAL NON AMBULATORY RIDES					826
TOTAL VETERAN RIDES					240
TOTAL CANCELLATIONS			127	Vet	43
TOTAL DENIED			56	Vet	17

CONTRACTED SERVICES

Kayak Public Transit
Irrigon Rides
 133

Good Shepard
Carevan Rides

Data Not Available

Morrow County - The Loop Budget

216 - Special Transportation Fund

Transportation Fund Summary as of September 29, 2022

For Fiscal Year 2022/2023

Starting Account Balance \$ 700,000.00 \$ 663,100.05

REVENUE	Current Budget Amount	YTD Actual Amount
Funding Streams		
State STF Funds	\$ 67,700.00	\$ 44,092.00
Maintenance Grant	\$ -	\$ -
STF Discretionary	\$ -	\$ -
HRTG - Veterans	\$ -	\$ -
STIF Funds	\$ 330,904.00	\$ 162,432.00
STIF Discretionary	\$ 507,072.00	\$ 21,673.00
Total Grant Revenue	\$ 905,676.00	\$ 228,197.00
Donations	\$ 500.00	\$ 1,030.00
GOBHI	\$ 3,000.00	\$ 8,895.00
Total Charges for Services	\$ 3,500.00	\$ 9,925.00
Reimbursements	\$ -	\$ 25.00
Total Reimbursements	\$ -	\$ 25.00
Investment Earnings	\$ 3,500.00	\$ 6,289.81
Total	\$ 3,500.00	\$ 6,289.81
Total Revenues	\$ 912,676.00	\$ 244,436.81

EXPENDITURES	Current Budget Amount	YTD Actual Amount
Personnel		
Coordinator	\$ -	\$ -
Dispatcher	\$ 32,990.00	\$ 17,467.18
Part Time Drivers	\$ 194,278.00	\$ 50,445.87
Extra Help	\$ 1,500.00	\$ -
Personnel Benefits	\$ 69,906.00	\$ 12,357.08
Total Personnel	\$ 298,674.00	\$ 80,270.13
Material & Services		
Fuel	\$ 26,000.00	\$ 17,332.96
Tires	\$ -	\$ -
Operating - Outreach	\$ 7,500.00	\$ 50.00
Maintenance	\$ -	\$ -
Publishing	\$ -	\$ 504.63
Telephone	\$ 6,720.00	\$ 2,017.73
Lodging and Meals	\$ 2,000.00	\$ 207.10
Registration & Dues	\$ 1,950.00	\$ 1,797.50
Mileage	\$ -	\$ 282.50
Contracted Services	\$ 168,540.00	\$ 68,709.85
Insurance	\$ 15,000.00	\$ -
Software	\$ 1,800.00	\$ 446.24
Electricity	\$ 500.00	\$ 216.24
Office Expense	\$ 1,000.00	\$ 1,980.80
Driver Expense	\$ 500.00	\$ -
Training/Mileage	\$ 2,000.00	\$ -
Bus Shed Rent	\$ 1,800.00	\$ 900.00
Maint. - Operating	\$ 3,000.00	\$ 1,722.12
Maint. - Vehicle	\$ -	\$ 6.00
Miscellaneous	\$ 500.00	\$ 2.00
Telephone/Data	\$ -	\$ 364.59
Volunteer Drivers	\$ 5,000.00	\$ -
CareVan	\$ 6,500.00	\$ -
Fixed Route	\$ 358,000.00	\$ -
MDT's	\$ 2,000.00	\$ -
Surveillance	\$ -	\$ -
Drug & Alcohol	\$ 1,750.00	\$ 210.00
Total Material & Services	\$ 612,060.00	\$ 96,750.26
Capital Outlay		
Equipment	\$ 38,000.00	\$ 1,293.75
Copier/Desk & Other	\$ 39,500.00	\$ -
Vehicle	\$ -	\$ -
Total Capital Outlay	\$ 77,500.00	\$ 1,293.75

OTHER REQUIREMENTS	Current Budget Amount	YTD Actual Amount
Other Requirements		
Transfer to GF Indirect	\$ -	\$ 20,000.00
Transfer to Vehicle Reserve	\$ 504,874.00	\$ -
Transfer to 5310 - Match	\$ 6,370.00	\$ 5,272.00
Transfer to 5311 - Match	\$ 52,678.00	\$ 1,478.00
Contingency	\$ 60,520.00	\$ -
TOTAL OTHER REQUIREMENTS	\$ 624,442.00	\$ 26,750.00

TOTAL EXPENDITURES \$ 1,612,676.00 \$ 205,064.14

Ending Account Balance \$ - \$ 702,472.72

Morrow County - The Loop Budget

225 - Vehicle Fund Reserve

Transportation Fund Summary as of December 21, 2022

For Fiscal Year 2022/2023

Starting Account Balance	\$	100,000.00	\$	117,705.00
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REVENUE		Current Budget Amount		YTD Actual Amount
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Grant Revenue				
HRTG - Veterans	\$	-	\$	-
Discretionary Vehicle Replacement	\$	-	\$	-
State STF Grant	\$	-	\$	-
Total Revenue	\$	-	\$	-

Investment Earnings				
Investment Earnings	\$	2,000.00	\$	1,107.83
Total	\$	2,000.00	\$	1,107.83

Miscellaneous Revenue				
Sale of Equipment	\$	-	\$	-
Total	\$	-	\$	-

Reimbursements				
Reimbursed Items	\$	-	\$	-
Total	\$	-	\$	-

Transfer from Other Funds				
Transfer from STF Fund	\$	484,874.00	\$	-
Transfer from STF Bus Shed	\$	20,000.00	\$	-
Transfer from 5311	\$	12,000.00	\$	-
Transfer from 5339 Discretionary	\$	51,000.00	\$	-
Total Other Requirements	\$	567,874.00	\$	-

TOTAL REVENUE	\$	569,874.00	\$	1,107.83
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EXPENDITURES		Current Budget Amount		YTD Actual Amount
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Capital Outlay				
Equipment	\$	12,000.00	\$	-
Vehicle - Cat C	\$	134,029.00	\$	119.50
Vehicle - Cat D	\$	281,745.00	\$	-
Vehicle - Cat E	\$	69,100.00	\$	-
Vehicle Replacement	\$	40,000.00	\$	40,469.25
Total Capital Outlay	\$	536,874.00	\$	40,588.75

Reserved for Future Expense				
Reserved for Future Expense	\$	133,000.00	\$	-
Total Reserve for Future	\$	133,000.00	\$	-

TOTAL EXPENDITURES	\$	669,874.00	\$	40,588.75
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Ending Account Balance	\$	-	\$	78,224.08
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Morrow County - The Loop Budget

504 - FTA Grant Fund

Transportation Fund Summary as of December 21, 2022

For Fiscal Year 2022/2023

Starting Account Balance (July 2022) \$0.00 \$ 36,059.42

REVENUE Current Budget Amount YTD Actual Amount

Funding Streams

STO Operating Grant	\$	-	\$	-
5310 - FTA Grant	\$	62,021.00	\$	16,545.00
5311 - Grant	\$	342,956.00	\$	12,914.00
5310 - Discretionary Grant	\$	38,752.00	\$	-
HB 2017 Grant	\$	-	\$	-
5304 - Grant	\$	25,000.00	\$	6,490.00
HRTG - Vets	\$	45,000.00	\$	1,889.36
5311 Cares	\$	30,000.00	\$	11,533.00
5339 Discretionary	\$	451,000.00	\$	-
5339 Formula	\$	-	\$	-
Total Grant Revenue	\$	994,729.00	\$	49,371.36

Charges for Services

Bus Receipts	\$	-	\$	-
Total	\$	-	\$	-

Investment Earnings

Investment Earnings	\$	1,000.00	\$	1,126.29
Total	\$	1,000.00	\$	1,126.29

Reimbursements

Reimbursed Items	\$	-	\$	-
Total	\$	-	\$	-

Transfer from Other Fund

Trans From STF Match	\$	6,370.00	\$	5,272.00
Trans From STF Match - 5	\$	52,678.00	\$	1,478.00
Total Transfer	\$	59,048.00	\$	6,750.00

TOTAL REVENUE \$ 1,054,777.00 \$ 57,247.65

EXPENDITURES Current Budget Amount YTD Actual Amount

Personnel

Coordinator	\$	45,874.00	\$	31,951.14
Dispatcher	\$	-	\$	-
Personnel Benefits (Includes Hazard Pay for Drivers)	\$	51,730.00	\$	27,675.58
Total Personnel	\$	97,604.00	\$	59,626.72

Material & Services

Fuel	\$	14,668.00	\$	-
Tires	\$	12,950.00	\$	1,030.72
Maintenance	\$	-	\$	-
Publishing	\$	20,000.00	\$	998.15
Telephone	\$	9,220.00	\$	2,318.96
Lodging and Meals	\$	2,000.00	\$	-
Registration & Dues	\$	-	\$	-
Mileage	\$	1,000.00	\$	-
Contracted Services	\$	275,000.00	\$	14,696.00
Insurance	\$	15,000.00	\$	7,450.66
Software	\$	7,300.00	\$	89.10
RSVP	\$	-	\$	-
Drivers Expense	\$	1,000.00	\$	160.00
Office Expense	\$	2,500.00	\$	925.81
Training/Mileage	\$	1,000.00	\$	-
Maint. - Operating	\$	23,000.00	\$	3,896.70
Maint. - Vehicle	\$	34,650.00	\$	2,449.78
Miscellaneous	\$	3,000.00	\$	-
Contr Serv - Vol Driver	\$	5,000.00	\$	-
Contract - Transit	\$	12,000.00	\$	3,000.00
5311 Grant	\$	-	\$	-
Outreach Supplies	\$	5,000.00	\$	-
MDT's	\$	-	\$	-
Surveillance	\$	1,500.00	\$	-
Drug & Alcohol	\$	2,750.00	\$	365.00
Total Material & Services	\$	448,538.00	\$	37,380.88

Capital Outlay

Equipment	\$	76,956.00	\$	-
Office Software	\$	50,000.00	\$	-
STF Vehicle	\$	-	\$	-
Total Capital Outlay	\$	126,956.00	\$	-

Other Requirements

GF-IND Co	\$	-	\$	-
Transfer to STF	\$	-	\$	-
Transfer to STF Reserve	\$	63,000.00	\$	-
Contingency	\$	318,679.00	\$	-
Total Other Requirements	\$	381,679.00	\$	-

TOTAL EXPENDITURES \$ 1,054,777.00 \$ 97,007.60

Ending Account Balance \$ - \$ (3,700.53)



Morrow County Public Transit

The Loop Driver Recruitment and Retainment Incentive Program for Fixed Route and Demand Response Transit Services.

Effective: Nov 28, 2022 - June 30, 2024

Funding Information

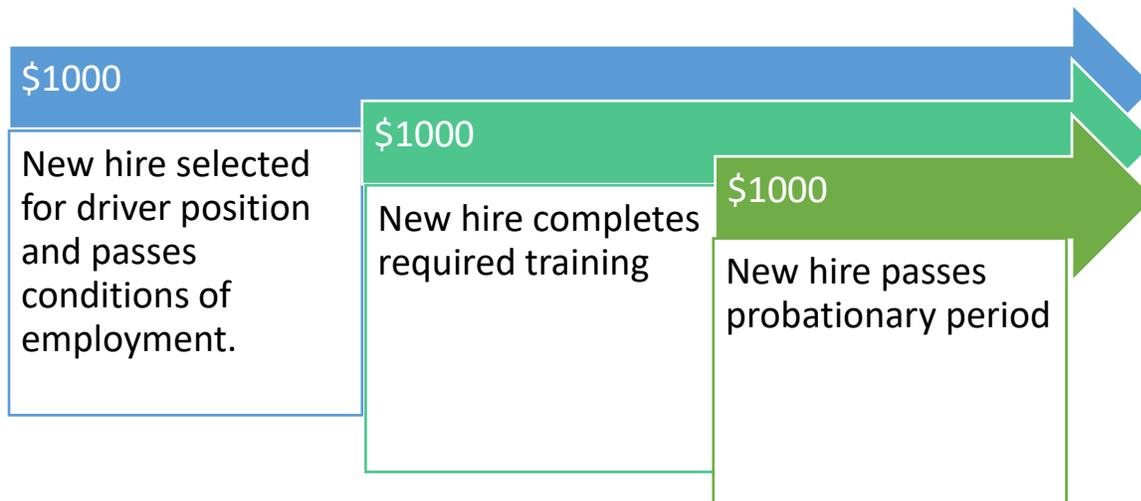
This project is funded through the Oregon Department of Transportation Public Transportation Division with Covid Relief funds. Morrow/ODOT agreement #35390 provides the following funds for this project. The incentive program will cease when available funds have been fully expended.

1. Demand Response Program not to exceed \$42,000.
2. Fixed Route Program not to exceed \$12,000

Project Description

The Loop Demand Response and Fixed Route Programs will offer a workforce incentive program to help with driver recruitment and retainment during the transition out of the pandemic. The program will consist of a monetary bonus to current drivers and newly hired drivers. The program consists of three milestones in which a driver would be eligible for a cash incentive of \$1000.00 per milestone. An employee participating in the incentive program shall not exceed a total of \$3,000.00

HOW CAN I EARN INCENTIVES?



Incentive Requirements

1. Current employee Driver refers new applicant that meets the job requirements/duties and is successfully hired OR New Applicant is hired and meets the Driver requirements and successfully passes the conditions of employment.
AND
2. New hire completes the required training – Wheel Chair Securement, Bloodborne Pathogens, 2 the Point Rural Transit Training Program.
AND
3. New hire meets satisfactory performance – six months with no unexcused absenteeism or tardiness, and no preventable accidents.

Payment

Payment will be paid to Employee less any applicable taxes or withholding based on their current W-4 filing status. The payment will be delivered within fifteen (15) calendar days after Employee meets the required eligibility listed above. Payment will be made by direct deposit or in the usual means in which their paycheck is received.

LEGEND

-  Asphalt paving
-  Gravel paving
-  Concrete walk
-  Stormwater swale
-  Evergreen screening hedge
-  Shrub and groundcover planting
-  Lawn
-  Non-irrigated rough lawn

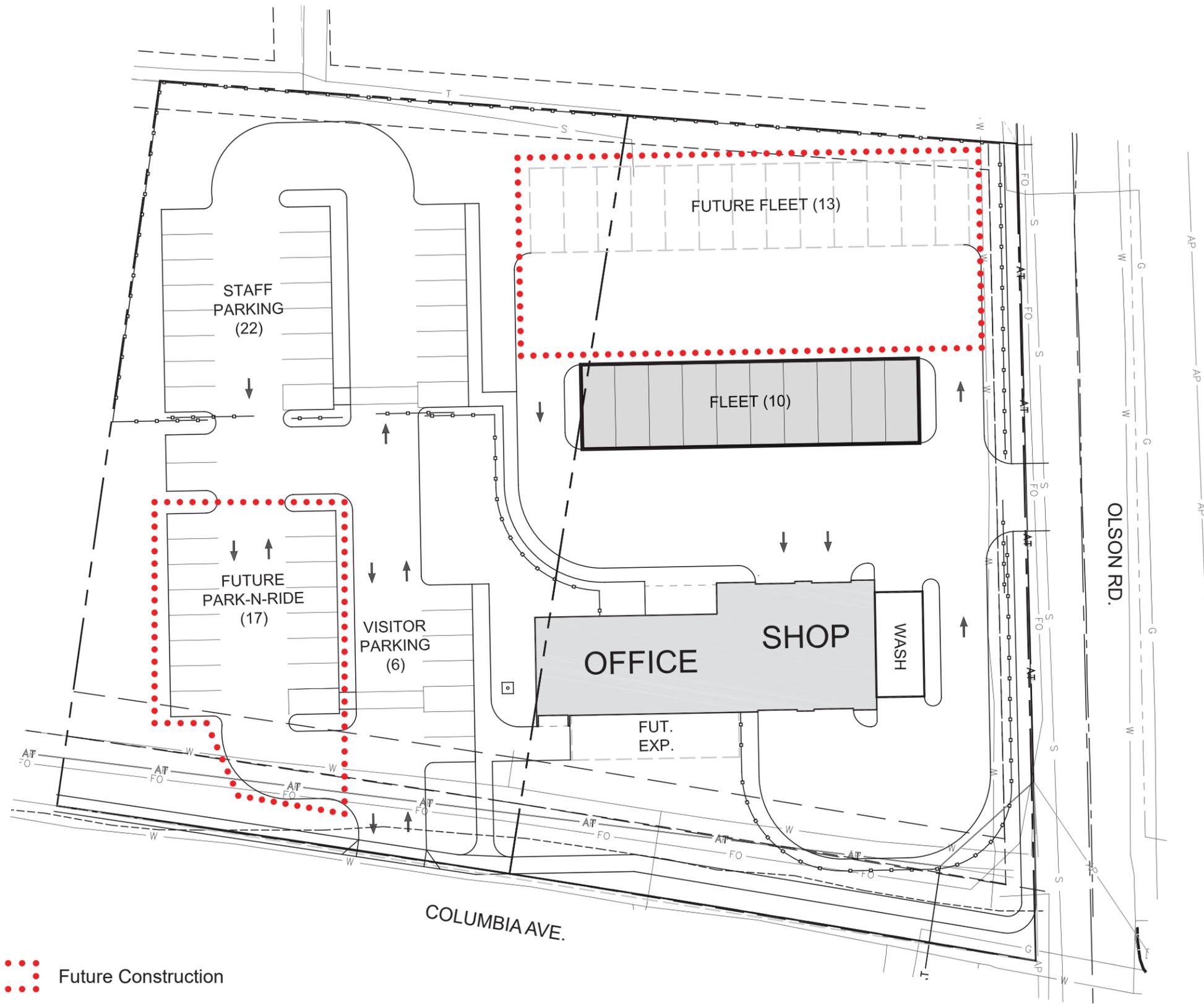
KEY NOTES

- ① ADA ramp
- ② Covered staff patio
- ③ Flagpole
- ④ Retaining wall
- ⑤ Sliding gate
- ⑥ Perimeter fence
- ⑦ Overhead power lines



SCALE: 1" = 20'-0"





 Future Construction

SITE PLAN - OPTION 3

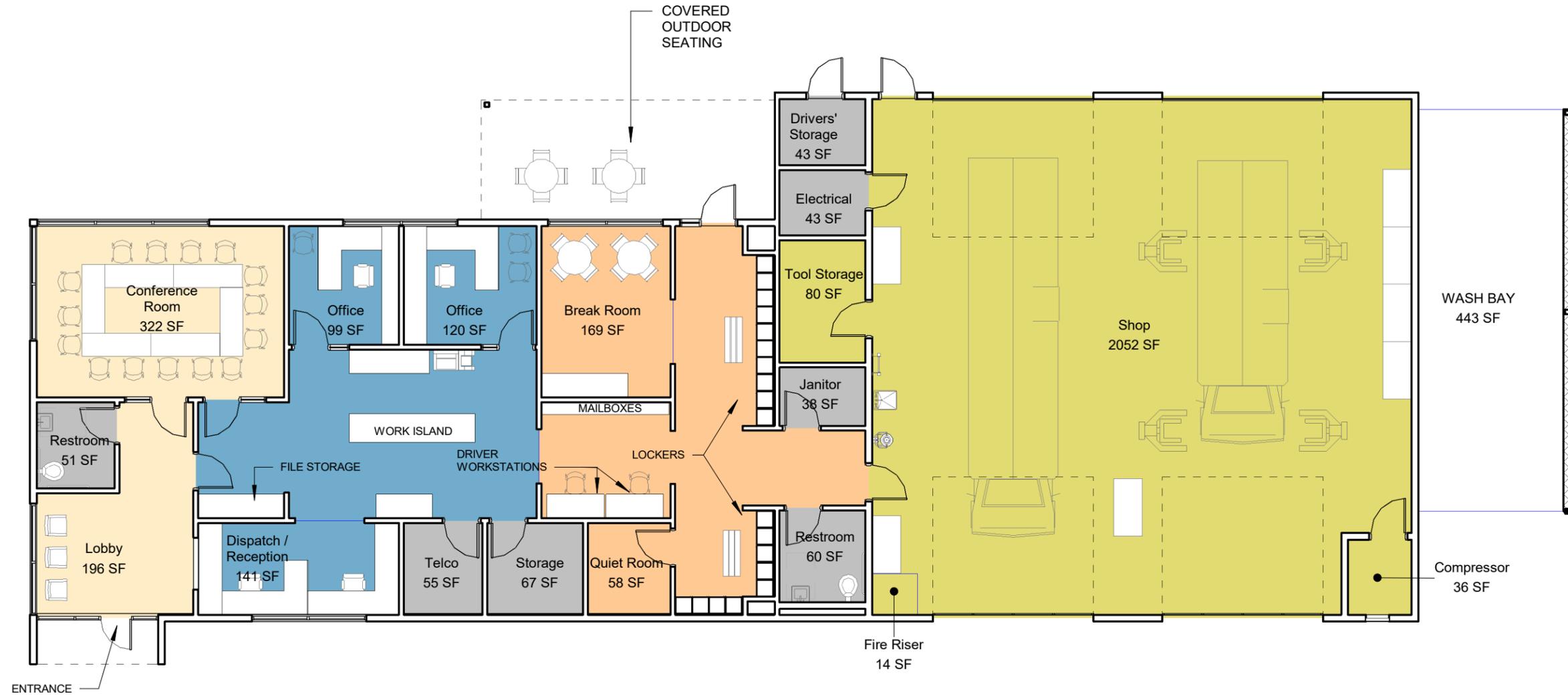
Morrow County Transit Facility



SHT #: SK-1

10/18/2022



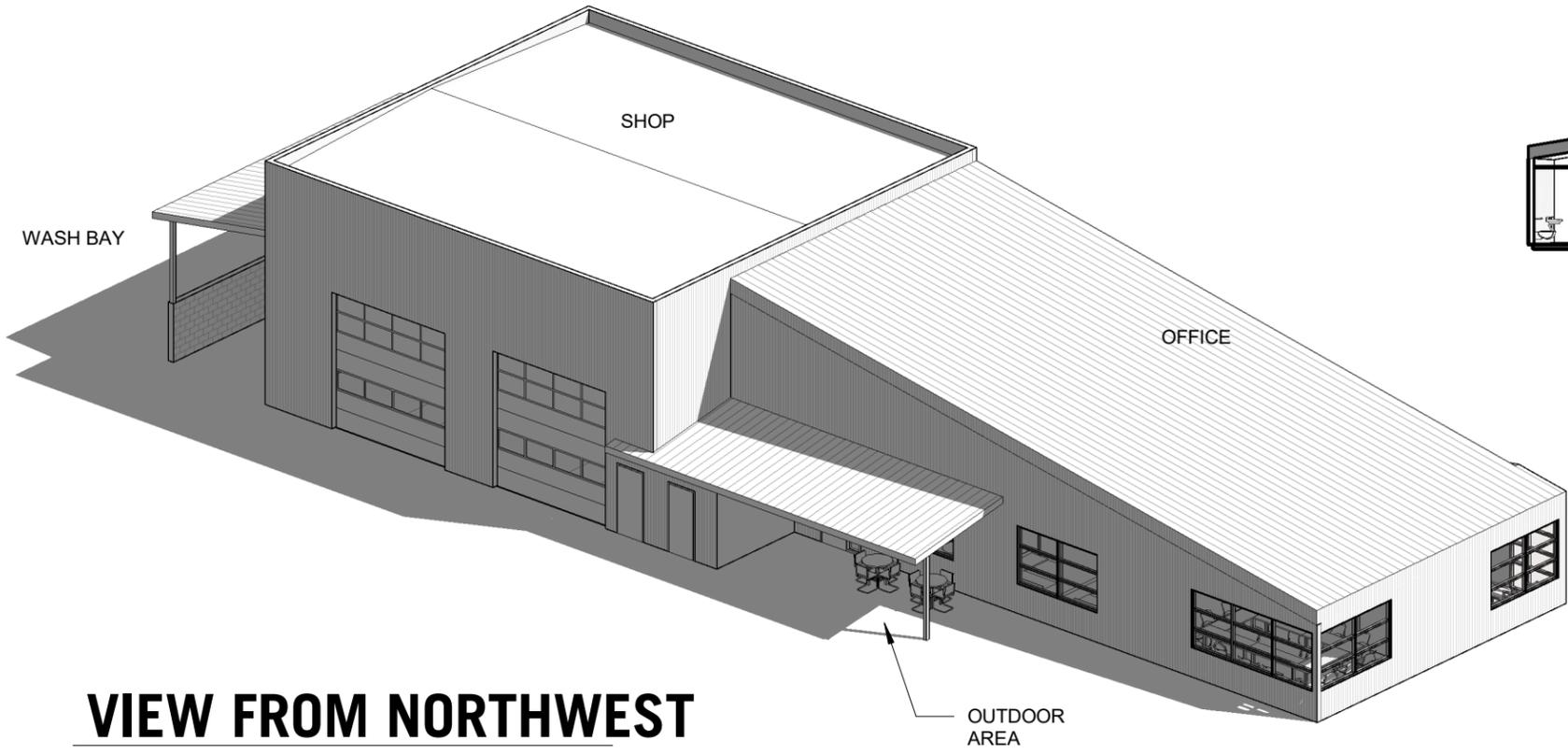


GROUND FLOOR PLAN

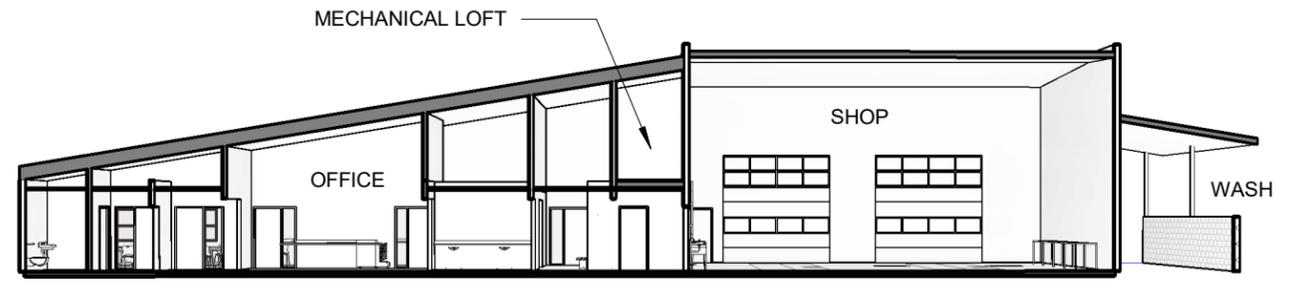
3/32" = 1'-0"



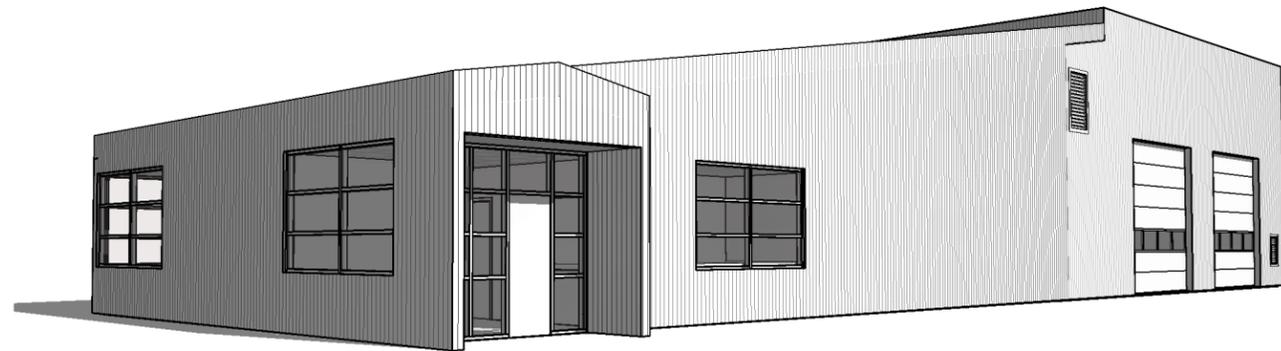
Area Schedule (Gross Building)	
Name	Area
OFFICE	2599 SF
SHOP	2205 SF
	4803 SF



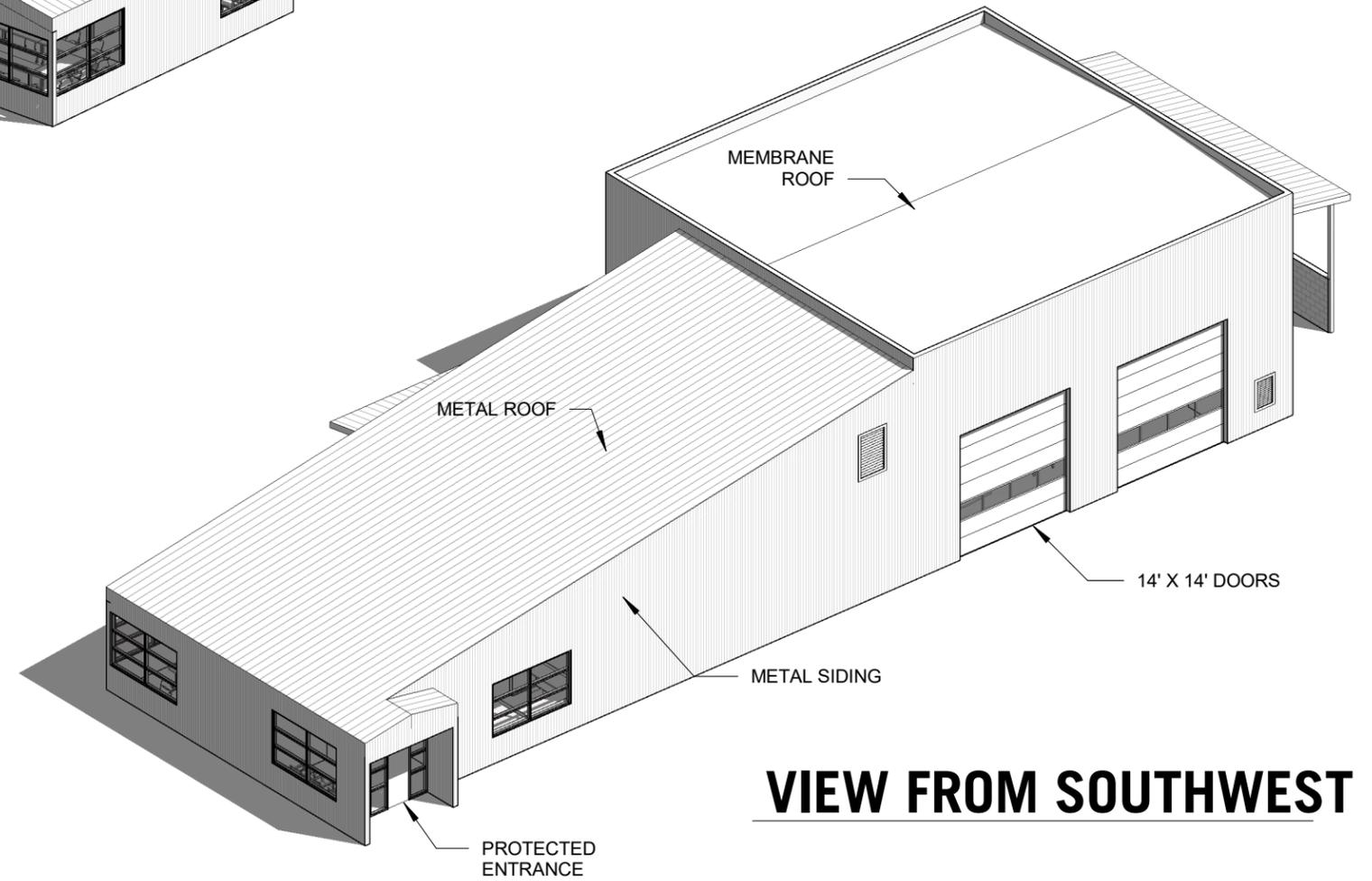
VIEW FROM NORTHWEST



LONGITUDINAL SECTION PERSPECTIVE



ENTRANCE VIEW



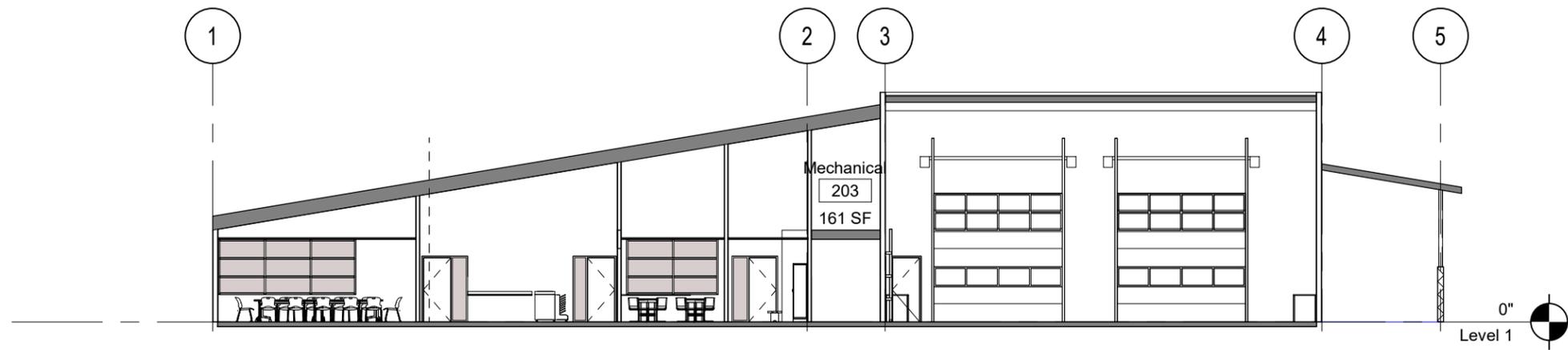
VIEW FROM SOUTHWEST

3D VIEWS

Morrow County Transit Facility

SHT #: SK-3

10/24/22

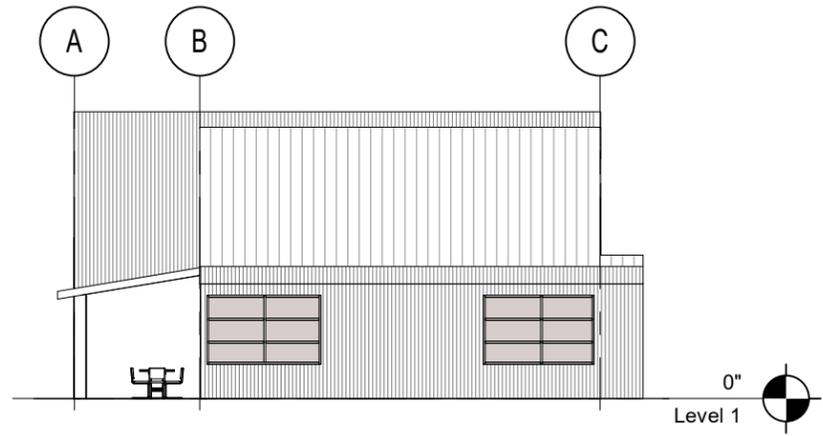


BUILDING SECTION

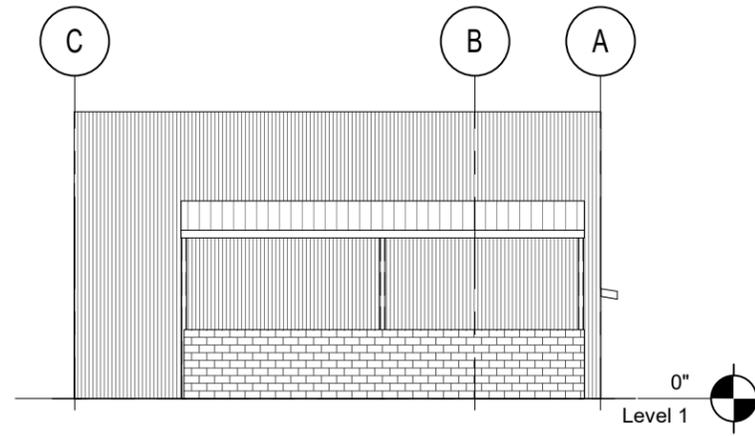
Morrow County Transit Facility

SHT #: SK-4

10/24/22



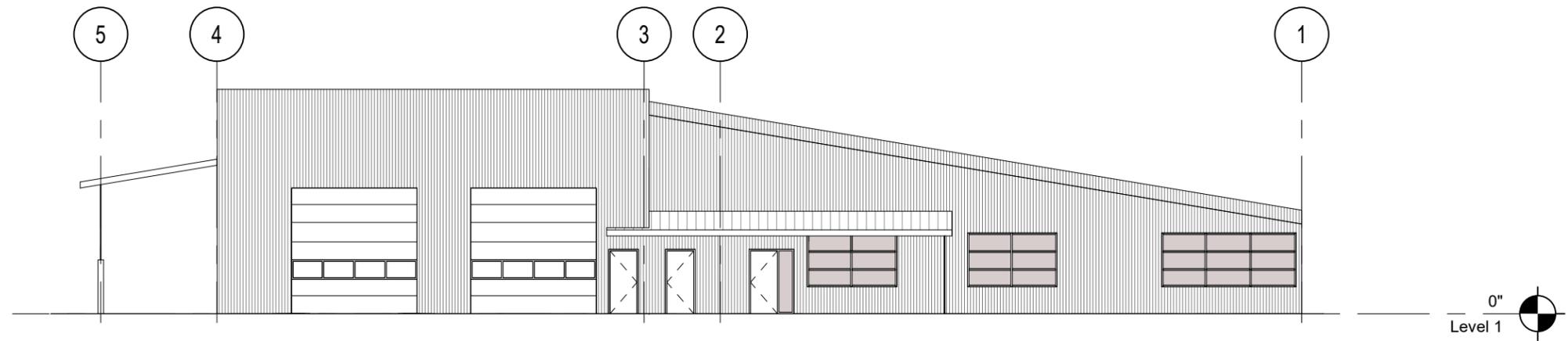
4 WEST ELEVATION



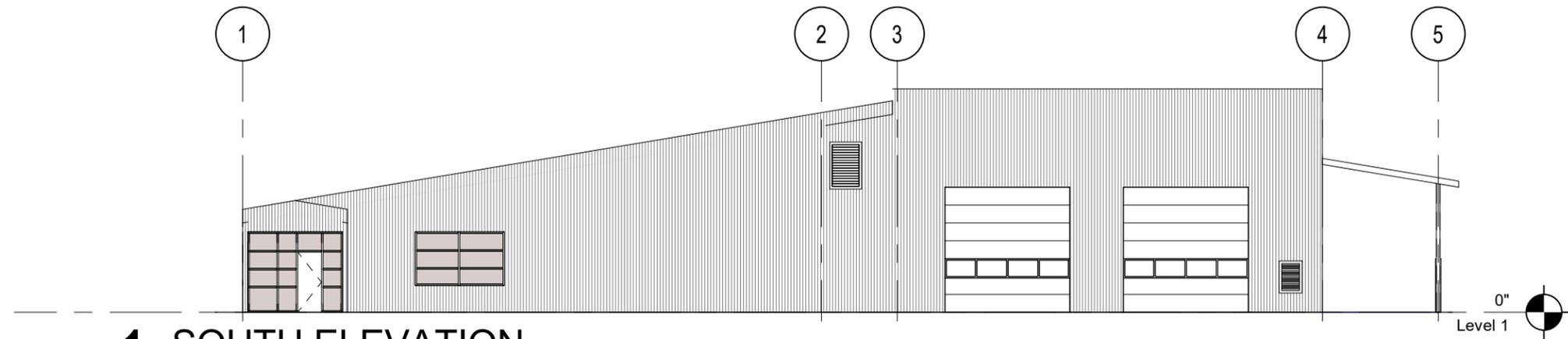
3 EAST ELEVATION

EXTERIOR MATERIAL LEGEND

 GLAZING: SEE KEY	 CMU VENEER
 METAL WALL PANEL	 PRECAST CONCRETE



2 NORTH ELEVATION

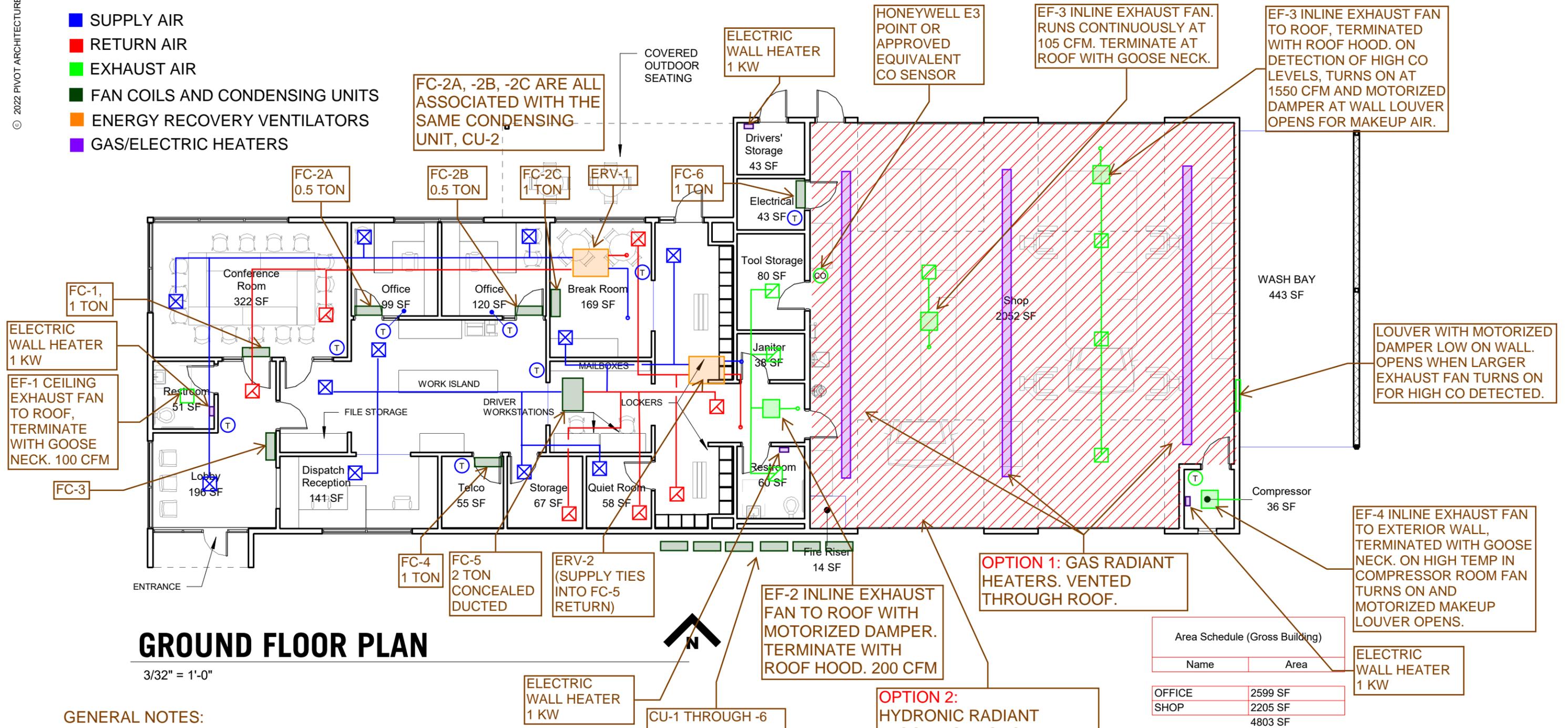


1 SOUTH ELEVATION

OVERALL EXTERIOR ELEVATIONS

COLOR KEY

- SUPPLY AIR
- RETURN AIR
- EXHAUST AIR
- FAN COILS AND CONDENSING UNITS
- ENERGY RECOVERY VENTILATORS
- GAS/ELECTRIC HEATERS



GROUND FLOOR PLAN

3/32" = 1'-0"

GENERAL NOTES:

ALL FAN COILS ARE WALL MOUNT EXCEPT FC-5, WHICH IS A DUCTED CONCEALED FC.

SIZES AND CAPACITIES ARE ESTIMATIONS FOR COSTING.

Area Schedule (Gross Building)

Name	Area
OFFICE	2599 SF
SHOP	2205 SF
	4803 SF

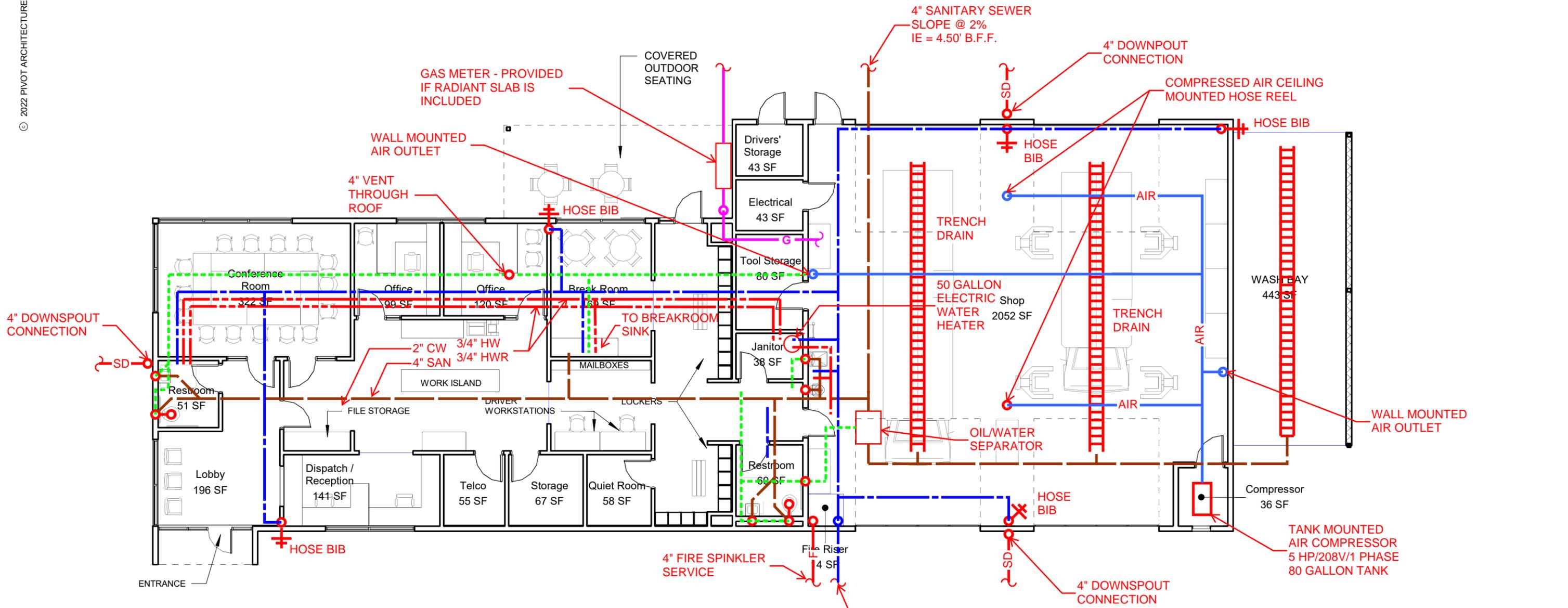
OPTION 2:
HYDRONIC RADIANT FLOORING IN SHOP (HATCHED AREA, APPROX. 2000 SF). ASSOCIATED GAS BOILER, PUMPS, EXPANSION TANK, AND PIPING TO BE LOCATED IN MECHANICAL MEZZANINE AT ATTIC LEVEL.

CONCEPTUAL DESIGN - MECHANICAL

Morrow County Transit Facility

SHT #: MSK-2

10/03/2022



GROUND FLOOR PLAN

3/32" = 1'-0"



Area Schedule (Gross Building)	
Name	Area
OFFICE	2599 SF
SHOP	2205 SF
	4803 SF

CONCEPTUAL DESIGN - PLUMBING

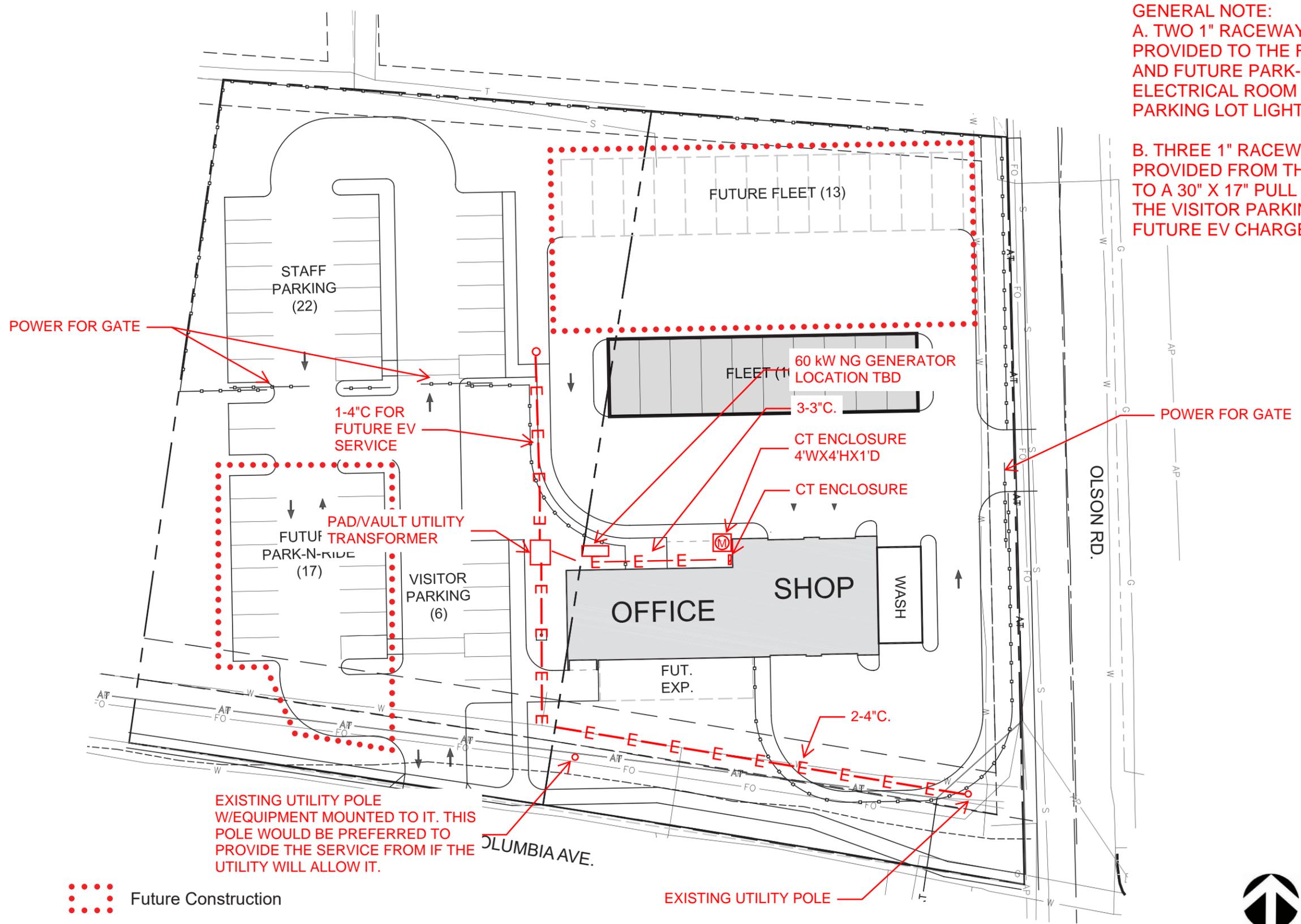
Morrow County Transit Facility

SHT #: PSK-2

10/03/2022

INTERFACE ENGINEERING
 PROJECT 2020-0320
 CONTACT Chris Scott
 100 SW Main Street, Suite 1600
 Portland, OR 97204
 TEL 503.382.2266
 www.interfaceengineering.com

PIVOT ARCHITECTURE



GENERAL NOTE:
 A. TWO 1" RACEWAYS TOTAL WILL BE PROVIDED TO THE FUTURE FLEET AREA AND FUTURE PARK-N-RIDE FROM THE ELECTRICAL ROOM FOR FUTURE PARKING LOT LIGHTING.

B. THREE 1" RACEWAYS WILL BE PROVIDED FROM THE ELECTRIC ROOM TO A 30" X 17" PULL BOX ADJACENT TO THE VISITOR PARKING SPACES FOR FUTURE EV CHARGERS.

Future Construction

EXISTING UTILITY POLE W/EQUIPMENT MOUNTED TO IT. THIS POLE WOULD BE PREFERRED TO PROVIDE THE SERVICE FROM IF THE UTILITY WILL ALLOW IT.

EXISTING UTILITY POLE

SITE PLAN - ELECTRICAL

Morrow County Transit Facility

SHT #: ESK-1

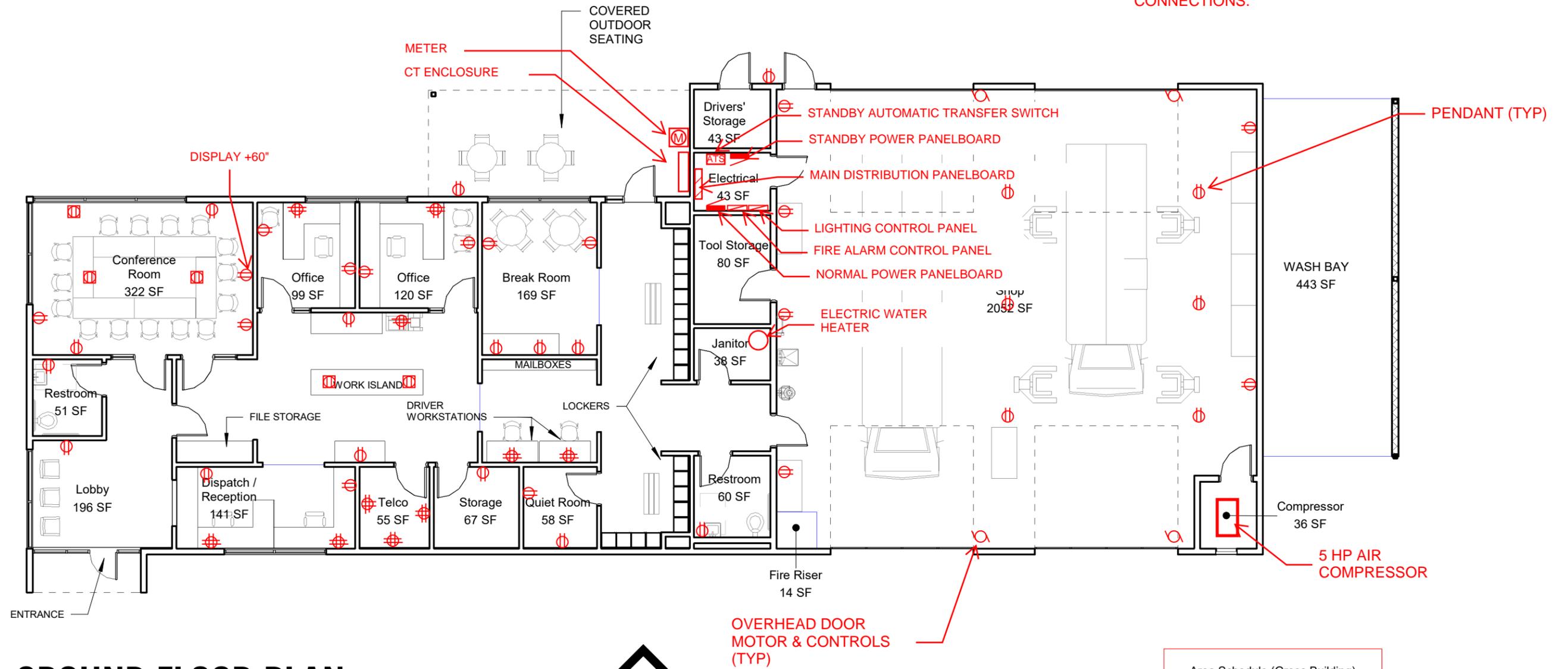
10/03/2022



INTERFACE ENGINEERING
 PROJECT 2020-0320
 CONTACT Brandon Volbeda
 100 SW Main Street, Suite 1600
 Portland, OR 97204
 TEL 503 382 2266
 www.interfaceengineering.com

PIVOT ARCHITECTURE

GENERAL NOTE:
A. REFER TO THE MECAHNICAL PLANS FOR
EQUIPMENT REQUIRING ELECTRICAL
CONNECTIONS.



GROUND FLOOR PLAN

3/32" = 1'-0"



Area Schedule (Gross Building)	
Name	Area
OFFICE	2599 SF
SHOP	2205 SF
	4803 SF

CONCEPTUAL DESIGN - ELECTRICAL

Morrow County Transit Facility

SHT #: ESK-2

10/03/2022



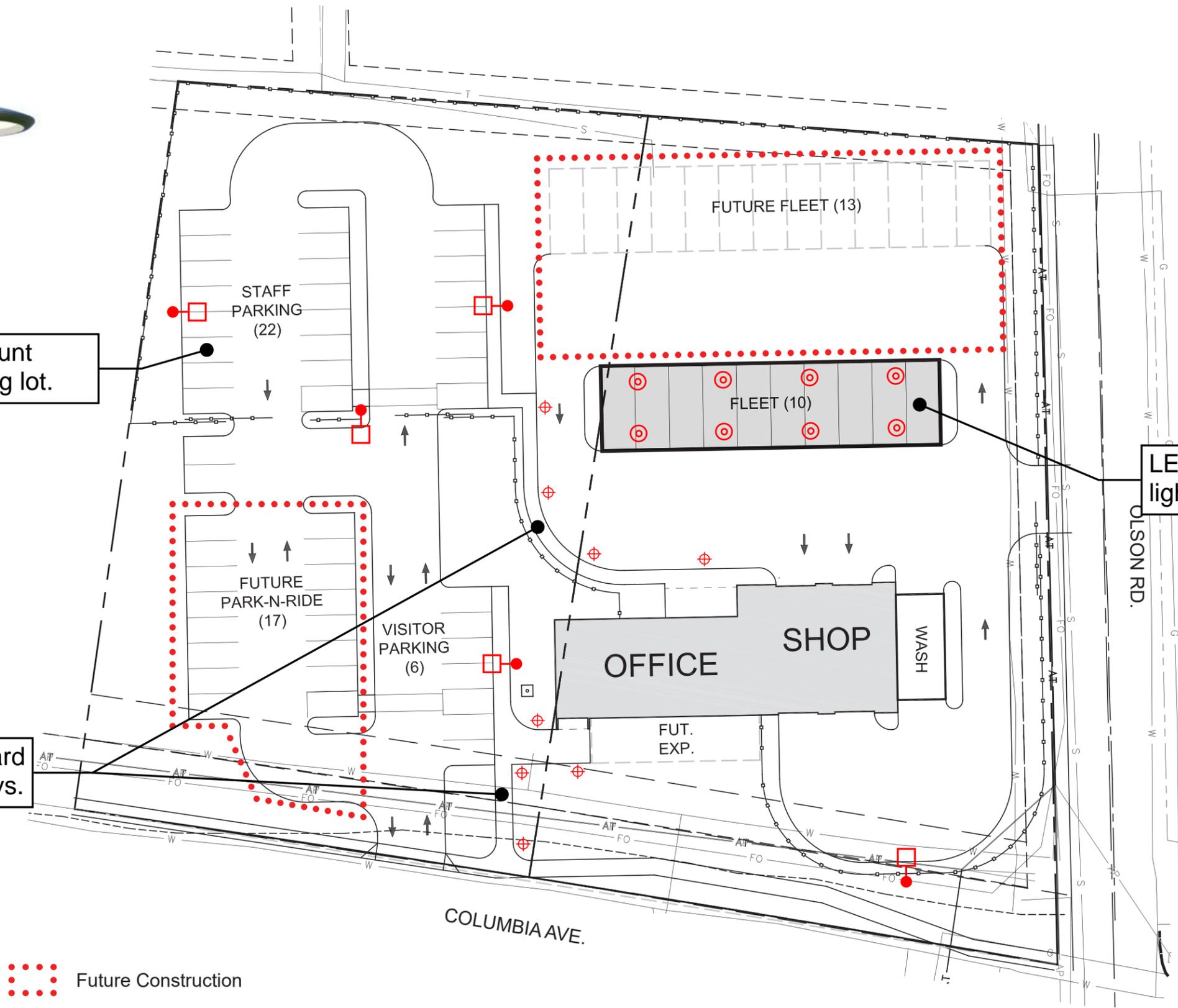
LED area pole mount luminaire in parking lot.



LED surface mounted canopy lighting at fleet shelter.



LED L-shape bollard lighting at pathways.



Future Construction

SITE PLAN - LIGHTING

Morrow County Transit Facility

SHT #: ESK-1
10/03/2022



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PIVOT ARCHITECTURE

LED direct indirect linear in conference room and private offices.

LED direct indirect wall sconce at covered seating area and building entrance.

LED strip lighting in electrical, storage and janitor rooms.

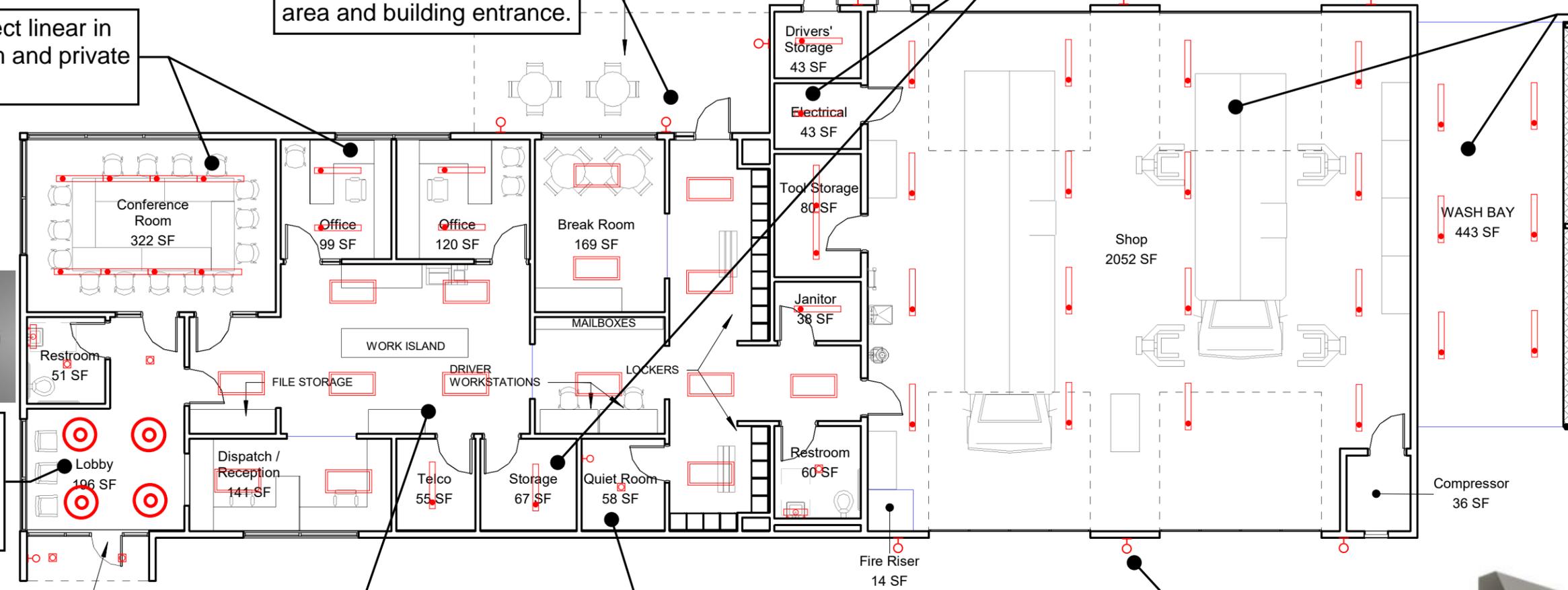
LED linear high bay light in shop and wash bay.

LED recessed 36" diameter lights in lobby area.

LED recessed 2x4 troffers in open office, reception, break room and locker area.

LED recessed downlight and linear vanity light in restrooms and quiet room.

Wall mounted LED light at Bus Barn garage entry.



DR PLAN



CONCEPTUAL DESIGN - LIGHTING

Morrow County Transit Facility

SHT #: ESK-2

10/03/2022



Morrow County Transit Facility

SD Landscape Narrative

GreenWorks 10-21-2022

Landscape Narrative

- The irrigated shrub, groundcover, and lawn planting will be focused on visible areas along the streets, in front of the building, and in the parking lot.
- The areas around the front door, ADA ramp, and parking driveway will have the most planting density and detail.
- Non-irrigated rough lawn will fill in the leftover spaces along the west and north property lines.
- All plants, grasses, and trees will be drought-tolerant natives or adapted species. The irrigation system will be used for the first two years for plant establishment, then in subsequent years the irrigation will only be used during the hottest parts of the summer.
- Some narrow spaces that are out of sight and would be difficult to maintain, such as between the fence and driveway, will be covered with rock mulch instead of planting.
- The stormwater swales will be seeded with grass, with additional water-loving species such as sedges and rushes added along the bottom.

City of Boardman Landscape Code Summary

- For Light Industrial District, 10 percent of the site is required to be landscaped.
- A minimum of five percent of the combined area of all parking areas, as measured around the perimeter of all parking spaces and maneuvering areas, shall be landscaped. Such landscaping shall consist of an evenly distributed mix of shade trees with shrubs and/or ground cover plants. One tree is required for every four parking stalls.
- Parking, maneuvering, and outdoor storage areas are required to be screened from the street by a 3' tall evergreen hedge, a wall, or similar.
- The use of drought-tolerant plants is encouraged. A combination of trees, shrubs and ground covers shall be used for all planted areas.
- Street trees are required. Use low-growing species under utility wires.
- Stormwater facilities shall be planted with drought tolerant grass, with the option to add shallow-rooted, water tolerant shrub, groundcovers, and trees.

Schematic Design Narrative

**Morrow County Bus Barn and Transit Facility
2021-1178**

Prepared for:

PIVOT Architecture

Prepared by:

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October 21, 2022

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Project Description

BUILDING/PROJECT DESCRIPTION

This project consists of due diligence for site and schematic design options for a new transit facility for Morrow County in Boardman, Oregon.

CODES AND STANDARDS

Systems will be designed in accordance with the following codes:

- Oregon Administrative Rules (OAR)
- 2019 Oregon Structural Specialty Code (OSSC)
- 2021 Oregon Electrical Specialty Code (OESC)
- 2019 Oregon Fire Code (OFC)
- 2019 Oregon Mechanical Specialty Code (OMSC)
- 2021 Oregon Plumbing Specialty Code (OPSC)
- 2021 Oregon Energy Efficiency Specialty Code (OEESC)
- Municipal ordinances and amendments.

The following reference standards will be used in design:

- ADA - Americans with Disabilities Act - Standard for Accessible Design
- ANSI - American National Standards Institute
- ASCE - American Society of Civil Engineers.
 - ASCE 7, Minimum Design Loads for Buildings and Other Structures.
- ASHRAE - American Society of Heating, Refrigerating and Air-Conditioning Engineers
- ASME - American Society of Mechanical Engineers.
- ASTM - American Society of Testing and Materials.
- AWS - American Welding Society.
- AWWA - American Water Works Association.
- FM - FM Global Approval Guide
- IAPMO - International Association of Plumbing and Mechanical Officials
- ICC-ES - International Code Council Evaluation Service.
- NEMA - National Electrical Manufacturers Association.
- NFPA - National Fire Protection Association.
 - NFPA 13, as adopted by AHJ, Standard for the Installation of Sprinkler Systems, 2016 Edition.
 - NFPA 25, as adopted by AHJ, Standard for Inspection, Testing and Maintenance of Sprinkler Systems
 - NFPA 70, as adopted by AHJ, National Electrical Code.
 - NFPA 72, as adopted by AHJ, National Fire Alarm Code.
 - NFPA 720, Standard for the Installation of Carbon Monoxide (CO) Detection and Warning Equipment
- UL - Underwriters' Laboratories, Inc.
 - UL Fire Protection Equipment Directory.
 - UL Online Certifications Directory.

Mechanical

DESIGN CRITERIA

Cooling Temperatures

- 74 degrees F DB, 63 degrees F WB Inside Design.
- 99.1 degrees F DB, 67 degrees F WB Outside Design

Heating Temperatures

- 70 degrees F DB Inside Design.
- 13.7 degrees F DB Outside Design

HVAC SYSTEMS

Heating and Cooling

Office Spaces

Heating and cooling in office spaces will be provided via DX split system heat pumps. There will be:

- Two wall mount fan coils each with an associated outdoor condensing unit
- One ducted concealed fan coil with an associated outdoor unit
- Three wall mount fan coils all associated with a single condensing unit

The Telco and Electrical rooms will be cooled by cooling-only mini-split systems consisting of a wall mount fan coil paired with an outdoor condensing unit.

All condensing units will be located on concrete pads at grade outside the building. All ducted fan coils will be provided with electric strip heat to maintain heating during unit defrost cycle.

Shop

Heating in the shop will be by one of two options:

- Three radiant gas heaters suspended from the ceiling, approximately the length of the service bays. The heaters will be vented through the roof; or:
- Hydronic radiant flooring across the entire Shop floor, approximately 2000 square feet. The associated gas boiler, pumps, expansion tank, and piping manifold will be located in the mechanical mezzanine located at the attic level.

Misc. Spaces

1 kW electric wall heaters will be provided in the two restrooms, the Compressor room, and the Drivers' Storage room.

Outdoor Air and Exhaust

Office Spaces

Outdoor air will be provided via two indoor Energy Recovery Ventilators. These will be ducted to ceiling diffusers and return grilles in each occupied space as well as to the return ductwork of the concealed ducted fan coil so that the outdoor air to the Dispatch and Work Island areas will be supplied via the fan coil ducting.

Restroom exhaust in the West restroom will be via a ceiling exhaust fan ducted to the roof. Exhaust in the East restroom, Janitor room, and Tool Storage room will be via an inline exhaust fan ducted to the roof.

Shop

The shop will have two inline exhaust fans ducted to the roof. One will run continuously at 150 CFM (0.05 CFM/SF). The other will be circuited to a CO sensor (Honeywell E3 Point or approved alternative) located in the shop. Upon detection of high CO levels, the second exhaust fan will turn on at 1750 CFM (0.75 CFM/SF) and a motorized damper located in an exterior shop wall will open for makeup air.

The compressor room will be exhausted via an inline fan to the exterior wall to prevent unsuitably high temperatures in the space. Upon detection of high temperature, the fan will turn on and a makeup louver in an exterior wall will open for makeup air.

Plumbing

PLUMBING SYSTEMS

Domestic Cold-Water System

There will be a new 2-inch water service to the building from Columbia Ave. A backflow device is required to protect the city water system and it is anticipated that the backflow device will be on site. Water will be routed to all plumbing fixtures and equipment that require service. Shut-off valves will be located at each plumbing fixture and equipment. Hose bibbs will be located around the perimeter of the building roughly 100-feet apart from each other. Hose bibbs will also be in the shop. The following materials will be used inside the building for domestic cold-water piping.

Domestic Water Main

Copper tubing, Type L conforming to ASTM B88, copper fittings with soldered joints.

Domestic Water Branch Lines

Cross-linked Polyethylene Tubing (PEX), Type A complying with ASTM F876 and F877, plastic fittings inserted into the expanded tubing and reinforcement rings using the "Engel Method."

Domestic Hot-Water System

There will be one hot water system that serves the building. A 50-gallon electric water heater will be installed. The hot water will be circulated by means of a pump, which will minimize wait times for hot water at the locations it is needed. The water heater will have an expansion tank and a drain pan that is

pipled to a floor sink. Water will be routed to all plumbing fixtures and equipment that require service. Shut-off valves will be located at each plumbing fixture and equipment. The following materials will be used inside the building for domestic hot water piping.

Domestic Hot Water Mains

Copper tubing, Type L conforming to ASTM B88, copper fittings with soldered joints.

Domestic Hot Water Branch Lines

Cross-linked Polyethylene Tubing (PEX), Type A complying with ASTM F876 and F877, plastic fittings inserted into the expanded tubing and reinforcement rings using the "Engel Method."

Sanitary Drain, Waste and Vent System/Storm Drain System

There will be a new 4-inch sanitary sewer lateral from Olson Rd. that serves the building. Waste piping will be routed to each fixture. Each fixture will be vented with the vent piping collecting multiple fixtures and routed through the roof. Trench drains will be installed in the Shop area and the Wash Area. The trench drains in the shop will be routed to an oil/water separator. If the Wash area has a roof, the trench drain will also be routed to the sanitary sewer system. If the Wash area doesn't have a roof, the trench drain will be routed to the site storm drainage system. Condensate drainage will be routed from fan coils and other mechanical equipment as needed and indirectly drained to the sanitary sewer system.

The roof will be a sloped roof with gutters and downspouts. Downspouts will be routed below grade and connected to the site storm drainage system.

Below Grade Waste Piping and Fittings

ABS pipe and fittings complying with ASTM D2661, schedule 40, and solvent weld joints complying with ASTM D2235-93A.

Above Grade Waste Piping and Fittings

ABS pipe and fittings complying with ASTM D2661, schedule 40, and solvent weld joints complying with ASTM D2235-93A.

Above Grade Vent Piping

ABS pipe and fittings complying with ASTM D2661, schedule 40, and solvent weld joints complying with ASTM D2235-93A.

Condensate Drain Piping

Copper tubing, Type K, L or M conforming to ASTM B88, wrought copper fittings with soldered joints.

Compressed Air System

Compressed air is required in the Shop area. A tank mounted air compressor will be provided in the Compressor room. Compressed air piping will be routed to wall mounted and ceiling mounted air outlets. A floor sink is required next to the air compressor to receive discharge from drain lines.

Compressed Air Piping

Copper Tubing, Type "K", ASTM B819, or seamless, copper tube, hard drawn temper with wrought copper fittings conforming to ANSI B16.22 or brazing fittings complying with MSS SP-73.

Aluminum piping systems or black steel piping are also acceptable.

Plumbing Fixtures

Water conserving plumbing fixtures will be utilized to incorporate water savings into the building. The following water conserving fixtures will be utilized:

- 1.28 gallon per flush toilets (floor mounted, flush valve, lever handle).
- 0.5 gallon per minute lavatory faucets (lever handle).
- 1.5 gallon per minute faucets at sinks (lever handle).

Electrical

OVERVIEW

Scope of work shall include all power, lighting, lighting controls, and testing of all equipment and systems associated with the construction of the building. All labor, materials, equipment, and services necessary shall be furnished to construct and install a complete and operative building electrical system.

SERVICE DISTRIBUTION

Umatilla Electric Cooperative (UEC) will provide the electric power service to the building. Utility power will be fed from a single pad mounted utility transformer. A 600 Amp, 120/208 Volt Wye, 3 phase, 4 wire service will be provided for this building.

The transformer, meter, current transformers, and primary and secondary conductors will be furnished by the utility. The service will originate from an existing, or a new utility vault. Contractor to provide two 4-inch conduits between the existing utility pole and new utility transformer pad / vault. All conduit, transformer pad, CT cabinet, and meter base will be installed by the contractor. The utility CT cabinet and utility meter will be installed on the exterior of the building, adjacent to the electrical room.

One 4" raceway will be provided from the new transformer pad/vault to a location on the site designated for a future pad mount utility transformer dedicated for future 480V EV charger load.

A 600 Amp, 120/208 Volt Wye, 3 phase, 4 wire Main Distribution Panelboard (MDP) will be located in the electric room. The MDP will include one 200A service disconnect, one 400A service disconnect, a 200A blank space for a future PV array disconnect, and a surge protective device. The 200A service disconnect will feed a standby power panelboard via a 200A Automatic Transfer Switch. The 400A service disconnect will feed a normal power panelboard.

The standby power panelboard will be dedicated to feeding loads requiring backup power from the generator. The normal power panelboard will feed all other loads (receptacle, lighting, HVAC, shop equipment, future EV chargers etc.) The normal power panel will be provided with space to install up to 6 40A/2P breakers for future 208V EV chargers.

A 3-inch raceway with pull-string and a cap will be provided from the main panelboard to the roof for future solar in accordance with OSSC 2022 solar ready requirements. A 200A busbar space will be provided in the main panelboard for future solar disconnect.

Utilization Voltages

208VAC, 3-phase, 3-wire: HVAC equipment and motor loads 3/4 horsepower and larger.

120/208VAC, 3-phase, 4-wire: LED lighting, Convenience outlets, service equipment, appliances, and motors smaller than 3/4 horsepower.

Conduit and Wire

All conduits shall be concealed except in mechanical rooms, electrical rooms, and the shop. Galvanized rigid metal conduit, or PVC shall be used in concrete slabs and below grade where permitted in the specifications. Minimum size conduit shall be 3/4 inch trade size for power system and 1-1/4 inch trade size for telecommunication system; also, minimum 1 inch for power system shall be used for underground, or where concealed in concrete. EMT will be used in hung ceilings and non-masonry walls. Flexible steel conduit shall be used to connect lay-in luminaires.

Grounding conductors will be provided in all feeder and branch circuits.

All conductors shall be copper with THHN/THWN-2 insulation for dry & wet locations. Type XHHW-2 will be used for sizes larger than #1/0. Conductor sizes shall be No. 12 AWG minimum for power and No. 14 AWG for controls or signal.

Provide GRC conduit with THHN/THWN-2 for branch circuits exposed outside of buildings but not underground.

Flexible steel conduit shall be used to connect lay-in luminaires and mechanical equipment. Liquid-tight flexible steel conduit will be used in damp and wet locations.

MC cable, copper with THHN/THWN-2 insulation, shall be utilized for 15 and 20 amp branch circuits, limited to the following conditions: suspended ceilings with accessible space above, drops to ceiling mounted luminaires in areas with accessible ceiling space, not allowed for homeruns from branch circuit panel to first device or luminaire in circuit, not allowed in walls in areas where MC cable cannot be fished into the walls after construction is complete, and no single run of MC cable longer than 50-feet.

NM-B cable is acceptable where allowed by code and only where it can be concealed.

EMERGENCY AND STANDBY POWER SYSTEM

Emergency power for code required egress lighting will be provided by batteries integral to the LED luminaires or distributed micro lighting inverters.

A 60 kW 208Y/120V 3-phase 4-wire natural gas standby power generator with sound attenuated enclosure will be provided to provide partial backup power to the building. The generator will be provided as a package system with all appurtenances. Loads on the standby power system will be selected by the owner and are assumed to include lights, receptacles, and partial HVAC system.

DESIGN CRITERIA

All panel bussing shall be aluminum or copper.

Branch circuit panelboards shall use bolt-on circuit breakers.

Branch circuit design will be based upon a maximum of 1500 volt-amperes for each 20 amperes at 120 volt circuit or up to six duplex receptacles on a circuit.

Dedicated neutrals will be provided for all circuits.

Provide power for mechanical, plumbing systems, fire alarm panels, telecom equipment, and owner furnished equipment.

Branch panelboards will be generally sized for 25 percent spare capacity.

VFDs and starters will be furnished by the Mechanical Contractor, and installed by the Electrical Contractor. Safety disconnect switches will be provided by the Electrical Contractor.

Self-testing GFCI outlets or GFI type breakers shall be provided where required by code.

LIGHTING CONTROLS

The lighting control system will be a digital lighting control system with room controllers providing control on a room by room basis.

Daylight controls will be provided in the Lobby, Conference room, and breaker room as required by the OEESC.

Occupancy sensors will be provided in all spaces except the electrical room.

Dimmable fixtures will be provided to allow uniform lighting where appropriate. Lighting zones will be controlled separately to allow for some lights to be dimmed and/or turned off when day lighting is sufficient.

Mechanical, electrical and elevator machine rooms to have wall mounted toggle switches.

A Lighting control panel will be provided to schedule on/off times and days for all exterior and parking lot lighting.

A lighting control matrix will be provided with the contract documents. The electrical contractor will provide lighting controls in all spaces that meet the requirements of this matrix.

An exception E301.2.b to OEESC section 8.4.2 will be utilized to forgo installing plug load control. In lieu of plug load control, the COMcheck lighting report must pass code required lighting loads by a minimum of 5%.

LIGHTING DESIGN

The lighting systems will be an integrated part of the architectural design, physically and conceptually. The lighting design will reinforce the function and improve the form of each space while providing visual continuity.

All luminaires will use LED lighting. LED exit signs will be used at all exits and path of egress, as required by code. Interior LED sources will target a color correlated temperature (CCT) of 3500K and will have a color-rendering index (CRI) of 80 or greater.

Illumination levels will be per the Illuminating Engineering Society of North America (IESNA) recommended levels. See table below for interior light levels.

Space	IES Illumination Levels
Lobby	15-20fc at floor
Reception Desk	30-50 fc at task plane
Restrooms	20-30 fc at floor
Offices - Enclosed	30-35 fc at floor
Conference Room	20-30fc at task plane
Electrical, Mechanical, Storage Rooms	30-35fc at floor
Shop	50 fc at floor

Exterior Lighting:

Exterior lighting shall utilize LED sources. Luminaires shall use optical systems and sources that are in compliance with local lighting ordinances. The exterior pathways shall have luminaires to illuminate the space during nighttime hours, so the site can be utilized at any time. Exterior building mounted lighting will consist of surface mounted low profile LED luminaires or recessed LED downlights in building canopies.

All luminaires will be low glare and have characteristics to keep the illumination only where it is intended and prevent light trespass on adjacent properties. Exterior LED sources will target a color correlated temperature (CCT) of 3000K and will have color-rendering index (CRI) of 80 or greater.

Fire Protection

FIRE SUPPRESSION SYSTEMS

Scope of Work

Provide new underground fire sprinkler water supply from exterior main to interior fire sprinkler riser room. Coordinate requirements for double check valve assembly, post indicator valve (PIV), and fire department connection (FDC) with the civil engineer and fire code officials.

Provide new hydraulically calculated wet pipe automatic fire sprinkler system for the building with floor control valves.

Provide a fire department connection with two inlet connections at a location approved by the local authority.

Hydraulically designed system shall be based on an official water flow test conducted within one year of the date of shop drawing submittals.

Provide a fire pump, jockey pump, and associated controllers and valves in a dedicated fire pump room if there is inadequate pressure to the project site from the municipal system.

FIRE SUPPRESSION EQUIPMENT

General

- Sprinklers, valves, switches, pipe, fittings, backflow preventers, hangers, sway braces and other fire protection system components will be UL listed or FM Global approved for fire protection.

Piping

- Underground: Underground piping from 5-feet outside of building to 6-inches above floor slab: Ductile iron pressure pipe, AWWA C151 with AWWA C110 Mechanical Joints.
- Aboveground: Schedule 40 black steel threaded pipe with cast or ductile iron threaded fittings, or schedule 10 black steel grooved pipe with UL listed rubber gasket couplings. Pipe shall meet ASTM A53 or A795 standards.

Sprinkler Heads

- Quick response, semi-recessed style white sprinkler heads and white escutcheons in finished areas. Areas open to structure will utilize upright sprinklers with brass finish.
- Sprinkler head ASCE 7 Seismic Requirements: Sprinkler heads installed in acoustic ceiling tiles to be provided with braided stainless steel flexible sprinkler connections.

Fire Alarm

FIRE ALARM SYSTEMS

Design Criteria

An automatic, addressable, fire alarm system will be provided to meet the requirements of the adopted editions of the Oregon Structural Specialty Code, Oregon Fire Code, and NFPA 72.

The fire alarm system will provide system alarm, supervisory and trouble signal monitoring. The fire panel will have batteries to provide a secondary power source in case of primary power loss..

Activation of system smoke detectors, manual pull stations and fire sprinkler water flow switches will initiate alarm signals on the fire alarm control panel (FACP). Activation of HVAC duct mounted smoke detectors and fire sprinkler valve tamper switches will initiate supervisory signals, which will annunciate on the FACP. Alarm, supervisory and trouble signals will be transmitted off site to a central station.

A manual pull station will be provided at the control unit as required by code.

Automatic smoke detection will be provided for protection of fire alarm control equipment and for activation of fire safety functions as required by code.

Audible and visual alarm notification appliances are not required and will not be provided.

Control outputs will be provided for actuation of fire safety functions, such as air handler shut down.

FIRE ALARM EQUIPMENT

General

- The fire alarm system will be an addressable system with point identification.
- Fire alarm equipment will be UL listed for fire alarm signaling systems.

Morrow County Transit Facility Boardman, Oregon Pivot Architecture Eugene, Oregon SD Probable Cost Estimate 1.0	ACC Cost Consultants, LLC Seth J. Pszczolkowski 8060 SW Pfaffle Street, Suite 110 Tigard, Oregon 97223-8489 Phone: (503) 718-0075 www.archcost.com	Estimate Date: 07-Nov-22 Document Date: 24-Oct-22 Print Date: 07-Nov-22 Print Time: 11:22 AM Constr. Start: Fall 2024
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DIRECT CONSTRUCTION COST SUMMARY

Component	Area	\$ / SF	Total	
Building Estimate	4,804 sf	\$529.88 /sf	\$2,545,547	
Fleet Canopy Estimate	3,600 sf	\$153.95 /sf	\$554,223	
Site Work Estimate			\$1,538,366	
TOTAL DIRECT CONSTRUCTION COST	8,404 sf	\$551.90 /sf	\$4,638,136	
Budget			\$2,500,000	Verify
Indicated Surplus / (Deficit)			(\$2,138,136)	
<u>ALTERNATES</u>				
01 Radiant Floor Heating, Shop Area		Add ±	\$88,902	
02 Park-n-Ride Parking Lot		Add ±	\$81,180	

The above estimates are for direct construction cost only. They do not include furnishings & equipment, architect and engineer design fees, consultant fees, inspection and testing fees, plan check fees, state sales tax, hazardous material testing and removal, financing costs, owners contingency, nor any other normally associated development costs.

The above estimates assume a competitively bid project, with at least three qualified bidders in each of the major sub-trades as well as the general contractors.

The above estimates assume a construction start date of: Fall 2024. If the start of construction is delayed beyond the date above, the estimates must be indexed at a rate of 4% to 6% per year compounded.

This is a probable cost estimate based on in-progress documentation provided by the Architect. The actual bid documents will vary from this estimate due to document completion, detailing, specification, addendum, etc. The estimator has no control over the cost or availability of labor, equipment, materials, over market conditions or contractor's method of pricing, and contractor's construction logistics and scheduling. This estimate is formulated on the estimator's professional judgment and experience. The estimate makes no warranty, expressed or implied, that the quantities, bids or the negotiated cost of the work will not vary from the estimator's opinion of probable construction cost.

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	SUMMARY			
	Base Building	Fleet Canopy	Site Work	Total
	DIRECT CONSTRUCTION COSTS			
		\$ / sf	Cost	Cost

Area		4,804 sf				
02 EXISTING CONDITIONS		\$0.00	\$0		\$4,800	\$4,800
03 CONCRETE		20.81	99,955			99,955
04 MASONRY		1.84	8,821			8,821
05 METALS		4.98	23,917			23,917
06 WOOD, PLASTICS & COMPOSITES		54.70	262,763			262,763
07 THERMAL & MOISTURE PROTECTION		75.82	364,243			364,243
08 OPENINGS		34.56	166,045			166,045
09 FINISHES		40.56	194,839			194,839
10 SPECIALTIES		20.74	99,648			99,648
11 EQUIPMENT		0.93	4,450			4,450
12 FURNISHINGS		1.20	5,786			5,786
13 SPECIAL CONSTRUCTION		0.00	0			0
14 CONVEYING EQUIPMENT		0.00	0			0
21 FIRE SUPPRESSION		5.89	28,279			28,279
22 PLUMBING		18.38	88,302			88,302
23 HVAC		55.55	266,875			266,875
26 ELECTRICAL		36.68	176,213			176,213
27 COMMUNICATIONS		6.24	29,972			29,972
28 ELECTRONIC SAFETY & SECURITY		10.04	48,232			48,232
31 EARTHWORK		4.64	22,278		188,717	210,995
32 EXTERIOR IMPROVEMENTS				411,629	651,452	1,063,081
33 UTILITIES					297,599	297,599
SUB-TOTAL		\$393.55	\$1,890,618	\$411,629	\$1,142,568	\$3,444,815
Estimating / Design Contingency	10.00%	39.36	189,062	41,163	114,257	344,482
Index To Construction Start	6.00%	25.97	124,781	27,168	75,410	227,359
General Conditions / Insurance / Bond	10.50%	48.18	231,469	50,396	139,885	421,750
General Contractor OH & Profit	4.50%	22.82	109,617	23,867	66,246	199,730
TOTAL DIRECT CONSTRUCTION COST		\$529.88	\$2,545,547	\$554,223	\$1,538,366	\$4,638,136

Building Estimate

Morrow County Transit Facility Boardman, Oregon Pivot Architecture Eugene, Oregon SD Probable Cost Estimate 1.0	ACC Cost Consultants, LLC Seth J. Pszczolkowski 8060 SW Pfaffle Street, Suite 110 Tigard, Oregon 97223-8489 Phone: (503) 718-0075 www.archcost.com		Estimate Date: 07-Nov-22
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Building Estimate	Quantity	Unit	Cost / Unit	Cost	Sub-totals	Comments
02 EXISTING CONDITIONS						
Structure Demolition						
none indicated		sum	0.00	0		
Sub-total	4,804	sf	0.00 /sf		0	
SUB-TOTAL 02 EXISTING CONDITIONS			0.00 /sf		\$0	

03 CONCRETE						
Poured-In-Place Concrete						
Forming						
continuous wall footing	1,534	sf	9.75	14,957		
spread footings	48	sf	10.25	492		
slab on grade	4,680	sf	0.75	3,510		
misc. forming accessories	1	sum	1,801.11	1,801		
Sub-total	4,804	sf	4.32 /sf		20,760	
Reinforcing Steel						
continuous wall footing	3,483	lbs	1.65	5,746		Buy America
spread footings	84	lbs	1.65	139		
slab on grade	10,556	lbs	1.50	15,833		
Sub-total	4,804	sf	4.52 /sf		21,718	
Redi-Mix Concrete						
4,000 psi	155.0	cy	180.00	27,895		
Sub-total	4,804	sf	5.81 /sf		27,895	
Placing						
continuous wall footing	65.1	cy	36.00	2,344		
spread footings	1.4	cy	38.00	53		
slab on grade	88.5	cy	34.00	3,008		
pump / transport concrete	155.0	cy	48.00	7,439		
Sub-total	4,804	sf	2.67 /sf		12,844	
Finishing						
set screeds	4,680	sf	0.45	2,106		
cure slabs	4,680	sf	0.50	2,340		
trowel slabs	4,680	sf	0.95	4,446		
sealer	1,930	sf	0.85	1,641		
float footing tops	1,395	sf	0.65	907		
sawcut control joint at sog	4,680	sf	0.60	2,808		
Sub-total	4,804	sf	2.97 /sf		14,248	
Miscellaneous						
housekeeping pads	50	sf	25.00	1,250		allowance, verify
set column anchor bolts, hss cols	4	set	125.00	500		
grout + baseplates, hss cols	4	ea	185.00	740		
Sub-total	4,804	sf	0.52 /sf		2,490	
Subtotal Concrete Work						\$99,955
						\$644.99 /cy
SUB-TOTAL 03 CONCRETE			20.81 /sf		\$99,955	

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04 MASONRY						
Concrete Masonry Units (CMU)						
8" cmu, fully grouted + reinforced	245	sf	30.00	7,350		at Wash Bay
sealer at exposed faces	490	sf	1.25	613		
scaffold / hoisting	245	sf	3.50	858		
Sub-total	4,804	sf	1.84 /sf		8,821	
SUB-TOTAL 04 MASONRY			1.84 /sf		\$8,821	

05 METALS						
Structural Steel - Beams, Columns, Etc.						
none indicated	0.0	ton	0.00	0		
Sub-total	4,804	sf	0.00 /sf		0	
Cold-Formed Metal Framing						
2" galv. z-furring @ 24"oc	5,640	sf	3.50	19,740		at metal siding
Sub-total	4,804	sf	4.11 /sf		19,740	
Miscellaneous Metals						
mezz access ladder, 10' ht.	1	ea	1,500.00	1,500		
tv monitor bracket	1	ea	275.00	275		
miscellaneous	4,804	sf	0.50	2,402		allowance, at lobby
Sub-total	4,804	sf	0.87 /sf		4,177	
SUB-TOTAL 05 METALS			4.98 /sf		\$23,917	

06 WOOD, PLASTICS & COMPOSITES						
Rough Carpentry						
miscellaneous blocking & framing	4,804	sf	1.50	7,206		
columns/posts						
wd posts, allowance	4,804	sf	1.00	4,804		
wall framing						
2x6 exterior wall framing	2,683	sf	11.75	31,525		
1.75x7.25 lsl exterior wall framing	5,075	sf	14.00	71,050		
1/2" plywd sheathing	7,758	sf	2.70	20,947		
headers, allowance	4,804	sf	0.50	2,402		
interior shearwalls, allowance	1,500	sf	2.50	3,750		allowance
floor framing						
mezzanine floor framing	345	sf	15.00	5,175		
3/4" t&g plywd sheathing	345	sf	3.50	1,208		
roof framing						
roof framing, office	2,220	sf	8.34	18,523		18" deep joist @ 24"oc
roof framing, shop	2,480	sf	13.91	34,488		30" deep joist @ 24"oc
3/4" t&g plywd sheathing	4,700	sf	3.75	17,625		
rim/fascia board	173	lf	12.50	2,163		
fasteners & hardware	1	sum	16,560.00	16,560		
Sub-total	4,804	sf	49.42 /sf		237,426	
Interior Finish Carpentry / Millwork						
finish work - trim, panel work, etc.	1	sum	1,500.00	1,500		allowance
plywood, shop walls, 8' aff	904	sf	3.00	2,712		
window sill	65	lf	24.00	1,560		allowance
Sub-total	4,804	sf	1.20 /sf		5,772	

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	Building Estimate		
	Quantity	Unit	Cost / Unit
	Cost	Sub-totals	Comments
	06 WOOD, PLASTICS & COMPOSITES - Continued		
Architectural Wood Casework			
Work Space			
plam base cabinets	12.0	lf	350.00
plam countertop	24.0	sf	50.00
plam work island, 11'x2.5'	1	sum	5,775.00
mailboxes	11.0	lf	325.00
Break Room			
plam base cabinets	7.5	lf	350.00
plam countertop	15.0	sf	50.00
plam wall cabinet	4.5	lf	200.00
plam wall cabinet, short	3.0	lf	180.00
Sub-total	4,804	sf	4.07 /sf
			19,565
SUB-TOTAL 06 WOOD, PLASTICS & COMPOSITES			54.70 /sf
			\$262,763
07 THERMAL & MOISTURE PROTECTION			
Waterproofing & Damproofing			
damproofing	840	sf	6.00
Sub-total	4,804	sf	1.05 /sf
			5,040
			5,040
Insulation			
rigid insulation			
roof, r-30	2,360	sf	5.50
roof, r-30	2,490	sf	5.50
tapered insulation premium	374	sf	4.25
slab edge insulation	840	sf	2.00
walls, 2" mineral wool bd	5,640	sf	3.75
batt insulation			
walls	5,640	sf	1.50
vapor barrier	6,204	sf	0.30
wrb, self-adhered	6,204	sf	4.50
sam flashings	4,804	sf	0.60
Sub-total	4,804	sf	19.20 /sf
			92,213
Metal Roofing			
prefinished metal roofing	2,360	sf	22.00
slip sheet	2,596	sf	0.30
Sub-total	4,804	sf	10.97 /sf
			51,920
			779
			52,699
Metal Panel			
metal wall panel	5,640	sf	25.00
exterior soffit	41	sf	30.00
Sub-total	4,804	sf	29.61 /sf
			141,000
			1,230
			142,230
Membrane Roofing			
membrane roofing	2,490	sf	13.00
covered bd	2,490	sf	2.50
vapor barrier	2,490	sf	1.00
membrane flashing at parapet backer	503	sf	15.00
protective walkway pads	249	sf	7.00
Sub-total	4,804	sf	10.48 /sf
			32,370
			6,225
			2,490
			7,538
			1,743
			50,366

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Building Estimate	Quantity	Unit	Cost / Unit	Cost	Sub-totals	Comments
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07 THERMAL & MOISTURE PROTECTION - Continued						
Flashing & Sheet Metal						
gutters	111	lf	15.00	1,665		
downspouts	55	lf	15.00	825		
flashing						
parapet cap + nailer	202	lf	28.00	5,656		
metal trim at metal roof	173	lf	20.00	3,460		
miscellaneous	4,804	sf	1.15	5,525		
Sub-total	4,804	sf	3.57 /sf		17,131	
Roof Accessories						
roof hatch, large w/safety railing	0	ea	0.00	0		NIC, verify
fall protection	0	ea	0.00	0		NIC, verify
Sub-total	4,804	sf	0.00 /sf		0	
Caulking & Sealants						
caulking / firestopping	4,804	sf	0.95	4,564		
Sub-total	4,804	sf	0.95 /sf		4,564	
SUB-TOTAL 07 THERMAL & MOISTURE PROTECTION			75.82 /sf		\$364,243	

08 OPENINGS						
Doors, Frames & Hardware (includes installation)						
exterior						
alum egress doors	2	ea	5,500.00	11,000		
hm door, flush	1	ea	2,850.00	2,850		
hm door, narrow lite	1	ea	3,025.00	3,025		
ada actuator	1	ea	4,000.00	4,000		
interior doors						
3x7 scwd, flush	11	ea	2,500.00	27,500		
3x7 hm, flush	3	ea	2,450.00	7,350		
3x7 hm, half lite	1	ea	2,725.00	2,725		
access doors	1	sum	750.00	750		
Sub-total	4,804	sf	12.32 /sf		59,200	
Relites & Sidelites						
Conference Room						
hm, relite	32.3	sf	55.00	1,775		
Dispatch/Reception						
hm slider relite	18.0	sf	70.00	1,260		
Offices, 2 each						
hm, relite	25.1	sf	55.00	1,380		
Sub-total	4,804	sf	0.92 /sf		4,415	
Overhead & Coiling Doors						
oh sectional doors, motorized, 14'x14'	4	ea	14,700.00	58,800		
Sub-total	4,804	sf	12.24 /sf		58,800	
Windows						
storefront	482	sf	85.00	40,970		
Sub-total	4,804	sf	8.53 /sf		40,970	
Louvers						
wall louvers	28	sf	95.00	2,660		
Sub-total	4,804	sf	0.55 /sf		2,660	
SUB-TOTAL 08 OPENINGS			34.56 /sf		\$166,045	

Morrow County Transit Facility

Boardman, Oregon
 Pivot Architecture
 Eugene, Oregon
 SD Probable Cost Estimate 1.0

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09 FINISHES						
Gypsumboard Systems						
exterior walls						
gypbd interior partitions	5,640	sf	3.75	21,150		
4" partition	4,870	sf	14.15	68,911		
6" furring, plumbing chase	78	sf	5.15	402		
6" partition	1,385	sf	14.90	20,637		
ceilings						
gypbd ceiling, framed	317	sf	12.00	3,804		
accessories, miscellaneous, bracing, etc.	1	sum	4,021.64	4,022		
Sub-total	4,804	sf	24.76 /sf		118,926	
Ceilings						
suspended 2 x 4 act	1,950	sf	9.50	18,525		
Sub-total	4,804	sf	3.86 /sf		18,525	
Resilient						
protect floor, kraft paper	3,100	sf	0.50	1,550		
sealed concrete	2,440	sf	2.50	6,100		
sheet vinyl	660	sf	9.00	5,940		
base						
rubber	724	lf	3.50	2,535		
sv - integral covered	247	lf	14.00	3,458		
Sub-total	4,804	sf	4.08 /sf		19,583	
Carpet						
carpet tile	148	sy	45.00	6,668		1,270 sf
Sub-total	4,804	sf	1.39 /sf		6,668	
Acoustic Treatment						
acoustic wall panels	0	sf	0.00	0		NIC, verify
Sub-total	4,804	sf	0.00 /sf		0	
Paint & Wallcoverings						
exterior painting, exposed steel	1	sum	1,500.00	1,500		
paint / finish door & frame	17	lvs	150.00	2,550		
paint gypboard ceilings / fascias	317	sf	1.75	555		
paint interior walls	18,228	sf	1.10	20,051		
paint exposed structure	2,240	sf	2.25	5,040		
miscellaneous specialty painting	4,804	sf	0.30	1,441		
Sub-total	4,804	sf	6.48 /sf		31,137	
SUB-TOTAL 09 FINISHES			40.56 /sf		\$194,839	

10 SPECIALTIES						
Visual Display Systems						
markerboard						
8' x 4'	1	ea	576.00	576		at conference room
tackboards						
4' x 4'	3	ea	128.00	384		at offices + break
Sub-total	4,804	sf	0.20 /sf		960	
Signage Systems						
exterior building signage	1	allow	3,500.00	3,500		allowance, verify
signs, ada & code required	4,804	sf	0.75	3,603		
Sub-total	4,804	sf	1.48 /sf		7,103	

Morrow County Transit Facility

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 Eugene, Oregon
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Building Estimate	Quantity	Unit	Cost / Unit	Cost	Sub-totals	Comments
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10 SPECIALTIES - Continued						
Wall Protection & Corner Guards						
frp wall panels, at mop sink, 5' aff	30	sf	9.00	270		
ss corner guards, 4' ht.	20	ea	115.00	2,300		allowance, verify
Sub-total	4,804	sf	0.53 /sf		2,570	
Toilet Accessories (includes installation)						
grab bars, 3 piece	2	sets	145.00	290		
mirrors, 2x3	2	ea	175.00	350		
janitor tool holder w/shelf	1	ea	375.00	375		
sanitary napkin dispenser	1	ea	900.00	900		
sanitary napkin disposal	2	ea	55.00	110		
hooks	2	ea	20.00	40		
toilet paper dispenser	2	ea	45.00	90		
seat cover dispenser	2	ea	65.00	130		
soap dispenser	4	ea	115.00	460		
paper towel dispenser	4	ea	75.00	300		
Sub-total	4,804	sf	0.63 /sf		3,045	
Fire Extinguisher & Cabinets						
fec	3	ea	350.00	1,050		
Sub-total	4,804	sf	0.22 /sf		1,050	
Lockers						
double tier 18" x 18" x 36" high	19	frame	550.00	10,450		
Sub-total	4,804	sf	2.18 /sf		10,450	
Benches - Laminated Wood						
bench, flr mntd	8	lf	65.00	520		
Sub-total	4,804	sf	0.11 /sf		520	
Exterior Specialties						
steel canopies, hpc	330	sf	85.00	28,050		at covered outdoor seating
steel canopies, hpc	510	sf	90.00	45,900		at wash bay
Sub-total	4,804	sf	15.39 /sf		73,950	
SUB-TOTAL 10 SPECIALTIES			20.74 /sf		\$99,648	

11 EQUIPMENT						
Residential Appliances						
dishwasher	1	ea	800.00	800		
refrigerator	1	ea	1,800.00	1,800		
Sub-total	4,804	sf	0.54 /sf		2,600	
Projection Screens / Projector Brackets						
motorized	1	ea	1,500.00	1,500		at conference room
projector bracket	1	ea	350.00	350		
Sub-total	4,804	sf	0.39 /sf		1,850	
SUB-TOTAL 11 EQUIPMENT			0.93 /sf		\$4,450	

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Building Estimate	Quantity	Unit	Cost / Unit	Cost	Sub-totals	Comments
12 FURNISHINGS						
Window Treatment						
roller shades, manual	403	sf	12.00	4,836		
Sub-total	4,804	sf	1.01 /sf		4,836	
Floor Mats & Frames						
walk-off mat, glue-down	95	sf	10.00	950		allowance, verify
Sub-total	4,804	sf	0.20 /sf		950	
SUB-TOTAL 12 FURNISHINGS			1.20 /sf		\$5,786	
13 SPECIAL CONSTRUCTION						
Special Construction						
none indicated	0	sum	0.00	0		
Sub-total	4,804	sf	0.00 /sf		0	
SUB-TOTAL 13 SPECIAL CONSTRUCTION			0.00 /sf		\$0	
14 CONVEYING EQUIPMENT						
Elevators						
none indicated	0	stop	0.00	0		
Sub-total	4,804	sf	0.00 /sf		0	
SUB-TOTAL 14 CONVEYING EQUIPMENT			0.00 /sf		\$0	
21 FIRE SUPPRESSION						
Fire Sprinklers						
sprinklers, wet	4,804	sf	4.75	22,819		
sprinklers, dry	840	sf	6.50	5,460		at canopies
Sub-total	4,804	sf	5.89 /sf		28,279	
SUB-TOTAL 21 FIRE SUPPRESSION			5.89 /sf		\$28,279	
22 PLUMBING						
Storm Drainage Systems						
c.i. storm piping ag 4"	20	lf	55.44	1,109		
c.i. storm piping ug 4"	30	lf	50.20	1,506		
c.i. clean out with brass plug	3	ea	252.00	756		
open hub adapter	3	ea	18.63	56		
excavation & backfill	30	lf	42.00	1,260		
Sub-total	4,804	sf	0.98 /sf		4,687	
Waste Drainage Systems [heavy duty couplings on u/g]						
abs waste & vent ag 2"	140	lf	31.38	4,393		
abs waste & vent ag 3"	60	lf	39.44	2,366		
abs waste & vent ag 4"	40	lf	55.44	2,218		
abs waste & vent ug 2"	47	lf	29.15	1,370		
abs waste & vent ug 3"	18	lf	37.65	678		
abs waste & vent ug 4"	136	lf	50.20	6,827		
c.i. waste & vent ug 4"	52	lf	50.20	2,610		
td-1) trench drains	90	lf	175.20	15,768		ows line from trench drains

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Building Estimate	Quantity	Unit	Cost / Unit	Cost	Sub-totals	Comments
22 PLUMBING - Continued						
Waste Drainage Systems [heavy duty couplings on u/g] - continued						
oil water seperator	1	ea	3,710.00	3,710		
4" vtr flashing	1	ea	405.00	405		
ffco) finished floor cleanout 4"	1	ea	384.00	384		
wco) wall cleanout 4"	2	ea	292.00	584		
Sub-total	4,804	sf	8.60 /sf		41,313	
Domestic Hot & Cold Water						
l-cu dist. piping 1/2"	85	lf	21.49	1,827		
l-cu dist. piping 3/4"	140	lf	24.51	3,431		
l-cu dist. piping 1"	90	lf	29.19	2,627		
l-cu dist. piping 1-1/4"-1-1/2"	80	lf	35.92	2,873		
l-cu dist. piping 2"	40	lf	48.17	1,927		
siesmic bracing pipe label & id	3	loc	233.20	700		
hose bibbs	5	ea	342.00	1,710		
backflow preventer and assoc. piping 2"	1	ea	3,498.00	3,498		
shock absorbers with access panels	2	ea	475.20	950		
branch valves / balancing valves	2	ea	165.60	331		
Sub-total	4,804	sf	4.14 /sf		19,874	
Piping Insulation						
piping insulation - domestic h&c	435	lf	12.10	5,264		
Sub-total	4,804	sf	1.10 /sf		5,264	
Plmbg Fixtures/Commercial						
wc-1) water closet - flr mtd. aba press-assist	2	ea	2,023.12	4,046		
lv-1) lavatory - drop-in w/sensors & trim aba	2	ea	1,343.10	2,686		
msb-1) mop sink w/trim	1	ea	1,205.16	1,205		
s-1) sink - ss double bowl undermount with	1	ea	1,291.00	1,291		
im-1) ice maker water box	1	ea	145.00	145		
50-gallon electric water heater with pan and	1	ea	910.00	910		
freight	1	ls	250.00	250		
Sub-total	4,804	sf	2.19 /sf		10,533	
Condensate Piping						
condensate piping	280	lf	18.55	5,194		
connections / p-traps to units	9	ea	159.72	1,437		
Sub-total	4,804	sf	1.38 /sf		6,631	
SUB-TOTAL 22 PLUMBING			18.38 /sf	\$88,302		

23 HVAC						
Process Piping						
air compressor tank mounted allowance	1	ls	15,000.00	15,000		
wall mounted air outlet	2	ea	740.00	1,480		
ceiling mounted ca hose reels	2	ea	1,035.00	2,070		
k-cu dist. piping 1/2"	20	lf	19.96	399		
k-cu dist. piping 3/4"	90	lf	24.91	2,242		
k-cu dist. piping 1"	50	lf	29.66	1,483		
testing and labeling	1	ls	850.00	850		
Sub-total	4,804	sf	4.90 /sf		23,524	

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Building Estimate	Quantity	Unit	Cost / Unit	Cost	Sub-totals	Comments
23 HVAC - Continued						
Shop Equipment and Connections						
ifh-1 thru 3) roberts gordon 8'	12	ea	5,568.00	66,816		infrared radiant heaters
seismic bracing for the above equip.	3	ea	252.00	756		
install vacuum tubes	6	ea	510.00	3,060		
furnish & install 4" flues	3	ea	816.00	2,448		
roof flashings	3	ea	215.00	645		
Sub-total	4,804	sf	15.35 /sf		73,725	
Natural Gas Piping						
valves, connections, and regulators	3	ea	515.00	1,545		
sch 40 blk steel pipe a53 t&c 1/2"-3/4"	90	lf	26.40	2,376		
sch 40 blk steel pipe a53 t&c 1"	45	lf	41.91	1,886		
sch 40 blk steel pipe a53 t&c 1-1/4"-1-1/2"	30	lf	45.50	1,365		
Sub-total	4,804	sf	1.49 /sf		7,172	
Refrigeration Piping						
liquid and suction lines	460	lf	66.65	30,659		
insulation	460	lf	8.50	3,910		
Sub-total	4,804	sf	7.20 /sf		34,569	
Air Handling Units / Fans						
fc-1) vrf indoor fan coils - wall mounted 1-ton	1	ea	3,829.00	3,829		
fc-2a, 2b, 2c) vrf indoor fan coils - wall mounted	3	ea	1,890.00	5,670		
cu-2) vrf heat pump 2-ton for fc-2a-b-c	1	ea	7,741.00	7,741		
fc-3 & 4) vrf indoor fan coils - wall mounted	2	ea	3,829.00	7,658		
fc-5) split system-indoor ducted fcu + outdoor	1	ea	6,302.00	6,302		
fc-6) vrf indoor fan coils - wall mounted 1-ton	1	ea	3,829.00	3,829		
erv-1) energy recovery ventilator	1	ea	3,940.00	3,940		
erv-2) energy recovery ventilator	1	ea	4,100.00	4,100		
ewh-1) electric wall heater	4	ea	778.00	3,112		
rigging and frieght	1	ls	2,500.00	2,500		
Sub-total	4,804	sf	10.13 /sf		48,681	
Sup/Ret/Gen. Exh. Duct						
galv rectangular and spiral duct exh	1,880	lb	10.20	19,176		
galv rectangular and spiral duct s/a	1,820	lb	10.20	18,564		
Sub-total	4,804	sf	7.86 /sf		37,740	
Exhaust Fans						
ef-1) rooftop restroom exhaust fan w/curb and	1	ls	815.00	815		
ef-2) inline exhaust fan motorized damper and	1	ls	1,975.00	1,975		
ef-3a) inline exhaust fan motorized damper and	1	ls	1,050.00	1,050		
ef-3b) inline exhaust fan motorized damper and	2	ea	3,840.00	7,680		
ef-4) exh.fan ducted to ext. wall louver w/ g	1	ls	1,250.00	1,250		
rigging	1	ls	500.00	500		
Sub-total	4,804	sf	2.76 /sf		13,270	
Air Distribution Devices						
s/a diffusers	12	ea	72.00	864		
e/a registers	15	ea	69.00	1,035		
volume dampers	27	ea	115.00	3,105		
make-up air exterior wall louver with motoriz	1	ea	520.00	520		
make-up air exterior wall louver with motoriz	1	ea	1,940.00	1,940		
exterior wall louver with motorized damper f	1	ea	1,940.00	1,940		
access panels	2	ea	205.00	410		
electrical costs for conduit runs	1	ls	1,500.00	1,500		
Sub-total	4,804	sf	2.36 /sf		11,314	

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Building Estimate	Quantity	Unit	Cost / Unit	Cost	Sub-totals	Comments
23 HVAC - Continued						
ATC Controls programmable thermostats process controls and co sensors Sub-total	9 1 4,804	ea ls sf	1,020.00 6,650.00 3.30 /sf	9,180 6,650 	15,830	(includes conduit / wire) start up
Air & Water Balancing air & water balancing/refrigeration piping pressure testing Sub-total	1 4,804	sum sf	1,050.00 0.22 /sf	1,050 	1,050	
SUB-TOTAL 23 HVAC			55.55 /sf	\$266,875		

26 ELECTRICAL						
Electrical ct/meterbase 600 amp mdp/spd 200 amp panelboard 400 amp panelboard 200 amp ats grounding coordination/arc flash study install 200 amp feeder install 400 amp feeder duplex outlets fourplex outlets gfcı outlets wp outlets floorboxes 120 v j-box ı6-30 ıt receptacles 1-3" conduit to roof cord drops home runs/circuiting/supports low voltage rough in locations circuit ohd/controls circuit air compressor circuit shop rh circuit ef1 circuit ef2 circuit ef-shop circuit ef-compressor room circuit fcı circuit cu circuit erv circuit electric wall heater circuit ewh circuit rcp Sub-total	1 1 1 1 1 1 10 5 21 10 10 2 4 2 2 1 6 1 10 4 1 3 1 1 2 1 1 6 2 4 1 1 4,804	ea ea ea ea ea ls ls lf lf ea ea ea ea ea ls ea ls ea ea ea ea ea ea ea ea ea ea ea ea ea ea ea ea ea sf	2,808.00 13,676.00 3,373.50 4,244.50 4,397.25 2,093.00 3,900.00 94.25 172.90 328.25 388.90 345.15 507.00 1,092.00 341.25 494.00 628.88 377.00 17,550.00 149.50 1,820.00 1,885.00 1,098.50 975.00 702.00 1,163.50 1,690.00 1,053.00 1,183.00 1,007.50 942.50 910.00 572.00 23.54 /sf	2,808 13,676 3,374 4,245 4,397 2,093 3,900 943 865 6,893 3,889 3,452 1,014 4,368 683 988 629 2,262 17,550 1,495 7,280 1,885 3,296 975 702 2,327 1,690 1,053 7,098 2,015 3,770 910 572 	113,097	
Lighting 2x4 fixture lobby recessed fixture downlight fixture cable hung linear-4' cable hung linear-16'	15 4 6 2 2	ea ea ea ea ea	392.60 1,521.00 314.60 828.10 2,457.00	5,889 6,084 1,888 1,656 4,914		

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Building Estimate	Quantity	Unit	Cost / Unit	Cost	Sub-totals	Comments
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31 EARTHWORK						
Excavation & Fill - Building Related footing excavation footing backfill prep, level & grade 6" gravel under slab vapor barrier Sub-total	166 100 4,680 108 5,148 4,804	cy cy sf cy sf sf	30.00 35.00 1.25 45.00 0.60 4.64 /sf	4,988 3,491 5,850 4,860 3,089 22,278	 22,278	
SUB-TOTAL 31 EARTHWORK			4.64 /sf	\$22,278		

SUB-TOTAL			393.55	1,890,618	\$1,890,618	
Estimating / Design Contingency Index To Construction Start General Conditions / Insurance / Bond General Contractor OH & Profit	 Fall 2024 	 	10.00% 6.00% 10.50% 4.50%	189,062 124,781 231,469 109,617	 654,929	 @ ± 6% per year 34.64%
TOTAL DIRECT CONSTRUCTION COST Building Estimate Office Area Shop Area		 4,804 2,599 2,205	 sf sf sf	 \$529.88 /sf	 \$2,545,547	

Fleet Canopy Estimate

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Fleet Canopy Estimate	Quantity	Unit	Cost / Unit	Cost	Sub-totals	Comments
Fleet Canopy Estimate						
New Work						
foundation/spread ftgs	8	ea	1,390.00	11,120		
steel columns	2.2	ton	7,800.00	17,160		
steel roof structure	14.4	ton	7,800.00	112,320		assume 8.0 #/sf
metal roofing/deck	3,600	sf	25.00	90,000		
metal fascia trim	300	lf	30.00	9,000		
metal soffit	3,600	sf	20.00	72,000		
gutter	120	lf	15.00	1,800		
schedule 40 pipe downspout, hpc	50	lf	40.00	2,000		
bollards, protect columns	8	ea	850.00	6,800		
paint exposed steel	1	sum	1,930	1,930		
10" doweled concrete pavement	3,600	sf	16.50	59,400		
8" base course	111	cy	45.00	5,000		
stormwater connection pipe to swale	145	lf	65.00	9,425		connect to downspouts
outfall	1	ea	250.00	250		
electrical						
light fixtures	8	ea	945.75	7,566		
lighting circuit	300	lf	14.04	4,212		
lighting control	1	ea	806.00	806		
trenching	70	lf	12.00	840		
Sub-total	3,600	sf	114.34 /sf		411,629	
SUB-TOTAL Fleet Canopy Estimate				411,629	\$411,629	
Estimating / Design Contingency			10.00%	41,163		
Index To Construction Start	Fall 2024		6.00%	27,168		@ ± 6% per year
General Conditions / Insurance / Bond			10.50%	50,396		
General Contractor OH & Profit			4.50%	23,867	142,594	34.64%
TOTAL DIRECT CONSTRUCTION COST						
Fleet Canopy Estimate				3,600	sf	\$153.95 /sf
					\$554,223	

Site Work Estimate

Morrow County Transit Facility
Boardman, Oregon
Pivot Architecture
Eugene, Oregon
SD Probable Cost Estimate 1.0

ACC Cost Consultants, LLC
Seth J. Pszczolkowski
8060 SW Pfaffle Street, Suite 110
Tigard, Oregon 97223-8489
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02 EXISTING CONDITIONS						
Site Demolition						
sawcut ac paving	280	lf	\$8.00	\$2,240		at Olson Rd
remove ac paving	560	sf	1.00	560		at Olson Rd
allowance for unknown	1	allow	500.00	500		
haul & disposal	1	sum	500.00	500		
temp barricades, flagging, etc.	1	sum	1,000.00	1,000		
Sub-total	85,066	sf	0.06 /sf		\$4,800	
SUB-TOTAL 02 EXISTING CONDITIONS			0.06 /sf		\$4,800	

31 EARTHWORK						
Clearing & Grubbing						
clear & grub	89,870	sf	0.15	13,481		NIC, verify
tree removal	0	ea	0.00	0		
haul & disposal	1	sum	2,020.00	2,020		
Sub-total	85,066	sf	0.18 /sf		15,501	
Stripping & Stockpiling						
striping & stockpile on-site	2,080	cy	8.00	16,643		assumed 6" depth
plastic sheet cover	1	sum	500.00	500		
Sub-total	85,066	sf	0.20 /sf		17,143	
Grading / Site Excavation & Fill						
mobilization / demobilization, 5%	1	sum	31,700.00	31,700		
construction staking/surveying	1	sum	5,500.00	5,500		
cut	1,997	cy	10.00	19,974		
fill	0	cy	0.00	0		NIC, verify
haul & disposal off-site	1,997	cy	15.00	29,960		
rough grading	65,910	sf	0.35	23,069		
proof rolling	36,465	sf	0.15	5,470		
Sub-total	85,066	sf	1.36 /sf		115,673	
Erosion & Sedimentation Controls						
allowance for work not shown	1	allow	35,000.00	35,000		
maintenance	12	mos	450.00	5,400		
Sub-total	85,066	sf	0.47 /sf		40,400	
SUB-TOTAL 31 EARTHWORK			2.22 /sf		\$188,717	

32 EXTERIOR IMPROVEMENTS						
Base Courses						
10" base course at 5" ac pavement	774.1	cy	45.00	34,835		
2" leveling course at 5" ac pavement	154.8	cy	50.00	7,741		
8" base course at 3" ac pavement	482.9	cy	45.00	21,729		
2" leveling course at 3" ac pavement	120.7	cy	50.00	6,036		
4" base course at 4" conc. pavement	79.7	cy	45.00	3,587		
8" base course at 6" conc. pavement	23.3	cy	45.00	1,049		
4" base course at concrete curbs	41.1	cy	45.00	1,849		
4" base course at concrete curb & gutter	10.8	cy	45.00	486		
geotextile fabric at ac pavement	4,365	sy	1.85	8,074		
Sub-total	85,066	sf	1.00 /sf		85,386	

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Site Work Estimate	Quantity	Unit	Cost / Unit	Cost	Sub-totals	Comments
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32 EXTERIOR IMPROVEMENTS - Continued						
Asphalt Paving						
5" ac pavement, fleet areas	627.0	ton	140.00	87,784		20,065 sf
3" ac pavement, prkg lot areas	293.3	ton	140.00	41,068		15,645 sf
patch paving at Olson Rd	280	sf	7.50	2,100		
Sub-total	85,066	sf	1.54 /sf		130,952	
Concrete Pavement						
4" concrete pavement, pedestrian	5,165	sf	10.00	51,650		sidewalks
6" concrete pavement, vehicular	755	sf	12.00	9,060		drive apron, wash bay
concrete steps-on-grade	50	sf	150.00	7,500		
concrete ramp	530	sf	20.00	10,600		
Sub-total	85,066	sf	0.93 /sf		78,810	
Curbs & Gutters						
concrete curb, vertical	1,775	lf	25.00	44,375		
concrete curb & gutter	280	lf	30.00	8,400		
Sub-total	85,066	sf	0.62 /sf		52,775	
Paving Specialties						
bollard, standard	8	ea	850.00	6,800		at shop oh doors
precast concrete wheel stop	13	ea	105.00	1,365		allowance, verify
detectable warning surface	60	sf	40.00	2,400		allowance, verify
pavement markings						
ada logo	2	ea	120.00	240		
diagonal striping	486	sf	3.00	1,458		
parking stall striping	33	ea	25.00	825		
crosswalk striping	145	sf	4.00	580		
ada sign, post & footing	2	ea	350.00	700		
Sub-total	85,066	sf	0.17 /sf		14,368	
Site Furnishings						
bike racks	0	ea	0.00	0		NIC, verify
flag pole	1	ea	7,500.00	7,500		
Sub-total	85,066	sf	0.09 /sf		7,500	
Fences & Gates & Railings						
stair & ramp railings	140	lf	175.00	24,500		
chainlink fence, 6' ht.	530	lf	41.00	21,730		w/privacy slats
black vinyl chainlink fence, 6' ht.	450	lf	56.00	25,200		w/privacy slats
automatic rolling gates, 30' w	3	ea	15,000.00	45,000		w/privacy slats
Sub-total	85,066	sf	1.37 /sf		116,430	
Retaining & Site Walls						
concrete retaining wall, 3' ht., at fleet	93	lf	180.00	16,740		
concrete retaining wall, 3' ht., at entry	28	lf	180.00	5,040		
Sub-total	85,066	sf	0.26 /sf		21,780	
Landscape Irrigation						
planting beds	9,800	sf	1.75	17,150		
stormwater swales	4,400	sf	1.75	7,700		
lawn	15,245	sf	1.00	15,245		
controller system	1	sum	4,500.00	4,500		
Sub-total	85,066	sf	0.52 /sf		44,595	

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Site Work Estimate	Quantity	Unit	Cost / Unit	Cost	Sub-totals	Comments
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32 EXTERIOR IMPROVEMENTS - Continued						
Planting						
planting beds	9,800	sf	4.50	44,100		
stormwater swales	4,400	sf	5.00	22,000		
lawn, seeded	15,245	sf	1.25	19,056		
trees						
small trees	18	ea	275.00	4,950		
large trees	15	ea	350.00	5,250		
establishment maintenance & warranty	1	sum	3,500.00	3,500		
Sub-total	85,066	sf	1.16 /sf		98,856	
SUB-TOTAL 32 EXTERIOR IMPROVEMENTS			7.66 /sf		\$651,452	

33 UTILITIES						
Water Utilities						
2" dom water line	58	lf	45.00	2,610		
6" fire water line	35	lf	75.00	2,625		
precast fire & dom water vault	1	ea	7,500.00	7,500		
6" ddcv	1	ea	10,450.00	10,450		
4" dcva	1	ea	7,150.00	7,150		
meter & vault, 2"	1	ea	4,500.00	4,500		
thrust blocks	4	ea	125.00	500		
tap/connect to existing main	1	sum	2,500.00	2,500		
Sub-total	85,066	sf	0.44 /sf		37,835	
Sanitary Sewerage Utilities						
6" pvc pipe	163	lf	50.00	8,150		
connection to existing	1	ea	2,000.00	2,000		
pothole existing utility	1	ea	750.00	750		
cleanouts, 6"	2	ea	650.00	1,300		
Sub-total	85,066	sf	0.14 /sf		12,200	
Storm Drainage Utilities						
foundation drainage						
perimeter foundation drain pipe	355	lf	15.00	5,325		
site drainage systems						
8" pvc pipe	80	lf	65.00	5,200		connections to swales
catchbasins	8	ea	1,000.00	8,000		
stormwater swales	4,400	sf	8.00	35,200		
outfall	8	ea	250.00	2,000		
Sub-total	85,066	sf	0.66 /sf		55,725	
Natural Gas Distribution						
item	0	sum	0.00	0		NIC, by gas company
Sub-total	85,066	sf	0.00 /sf		0	
Electrical Utilities						
primary conduits 2-4"	260	lf	42.25	10,985		
secondary conduits 3-3"	80	lf	51.32	4,105		
transformer pad	1	ls	2,912.00	2,912		
comm conduits 2-4"	260	lf	42.25	10,985		
60 kw generator/offload	1	ls	47,034.00	47,034		
generator feeder/controls/circuits	80	lf	76.70	6,136		
trenching/boring/backfill	380	lf	50.00	19,000		
parking lot pole/fixture/concrete base	5	ea	5,102.50	25,513		
bollard light/concrete base	8	ea	2,986.75	23,894		

Morrow County Transit Facility Boardman, Oregon Pivot Architecture Eugene, Oregon SD Probable Cost Estimate 1.0	ACC Cost Consultants, LLC Seth J. Pszczolkowski 8060 SW Pfaffle Street, Suite 110 Tigard, Oregon 97223-8489 Phone: (503) 718-0075 www.archcost.com	Estimate Date: 07-Nov-22 Document Date: 24-Oct-22 Print Date: 07-Nov-22 Print Time: 11:22 AM Constr. Start: Fall 2024
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Site Work Estimate	Quantity	Unit	Cost / Unit	Cost	Sub-totals	Comments
33 UTILITIES - Continued						
Electrical Utilities - continued						
lighting circuits	700	lf	16.25	11,375		
gate opener circuits/lv conduit	580	lf	19.96	11,574		
1-4" conduit-future evch	80	lf	22.23	1,778		
3-1" conduit-future evch	100	lf	16.35	1,635		
2-1" conduit-future lighting	280	lf	10.79	3,021		
j-box	1	ea	1,092.00	1,092		
trenching	900	lf	12.00	10,800		
Sub-total	85,066	sf	2.26 /sf		191,839	
SUB-TOTAL 33 UTILITIES			3.50 /sf		\$297,599	
SUB-TOTAL			13.43	1,142,568	\$1,142,568	
Estimating / Design Contingency			10.00%	114,257		
Index To Construction Start	Fall 2024		6.00%	75,410		@ ± 6% per year
General Conditions / Insurance / Bond			10.50%	139,885		
General Contractor OH & Profit			4.50%	66,246	395,798	34.64%
TOTAL DIRECT CONSTRUCTION COST						
Site Work Estimate			85,066 sf	\$18.08 /sf	\$1,538,366	

Alternates

Morrow County Transit Facility Boardman, Oregon Pivot Architecture Eugene, Oregon SD Probable Cost Estimate 1.0	ACC Cost Consultants, LLC Seth J. Pszczolkowski 8060 SW Pfaffle Street, Suite 110 Tigard, Oregon 97223-8489 Phone: (503) 718-0075 www.archcost.com			Estimate Date: 07-Nov-22 Document Date: 24-Oct-22 Print Date: 07-Nov-22 Print Time: 11:22 AM Constr. Start: Fall 2024

ALTERNATES	Quantity	Unit	Cost / Unit	Cost	Sub-totals	Comments
01 Radiant Floor Heating, Shop Area						
Alternate One						
mechanical						
boiler and infloor radiant heating	1	sum	63,220.00	63,220		
electrical						
circuit/connect boiler	1	ea	1,053.00	1,053		
circuit/connect pumps	2	ea	877.50	1,755		
Sub-total	4,804	sf	13.74 /sf		66,028	
SUB-TOTAL 01 Radiant Floor Heating, Shop Area				66,028	\$66,028	
Estimating / Design Contingency			10.00%	6,603		
Index To Construction Start	Fall 2024		6.00%	4,358		@ ± 6% per year
General Conditions / Insurance / Bond			10.50%	8,084		
General Contractor OH & Profit			4.50%	3,829	22,874	34.64%
TOTAL DIRECT CONSTRUCTION COST						
01 Radiant Floor Heating, Shop Area	4,804	sf	\$18.51 /sf		\$88,902	

02 Park-n-Ride Parking Lot						
Alternate Two						
construction staking/surveying	1	sum	800.00	800		
cut/excavation	186	cy	10.00	1,858		
haul & disposal off-site	186	cy	15.00	2,787		
rough grading	6,300	sf	0.35	2,205		
proof rolling	5,725	sf	0.15	859		
3" ac pavement, prkg lot areas	107	ton	140.00	15,028		5,725 sf
8" base course	177	cy	45.00	7,951		
2" leveling course	44	cy	50.00	2,209		
geotextile fabric	700	sy	1.85	1,294		
4" concrete pavement, pedestrian	35	sf	10.00	350		
4" base course	0.5	cy	45.00	24		
concrete curb, vertical	263	lf	25.00	6,575		
4" base course	6.1	cy	45.00	274		
diagonal striping	162	sf	3.00	486		
parking stall striping	13	ea	25.00	325		
crosswalk striping	144	sf	4.00	576		
planting beds	540	sf	4.50	2,430		
irrigation	990	sf	1.75	1,733		

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ALTERNATES	Quantity	Unit	Cost / Unit	Cost	Sub-totals	Comments
02 Park-n-Ride Parking Lot - Continued						
Alternate Two - continued stormwater swale + plantings 8" pvc pipe catchbasins outfall electrical pole/fixture/concrete base conduit/feeder rough-in Sub-total	450 5 1 1 1 0 6,300	sf lf ea ea ea lf sf	13.00 65.00 1,000.00 250.00 5,102.50 0.00 9.57 /sf	5,850 325 1,000 250 5,103 0	\$60,292	included in base estimate
SUB-TOTAL 02 Park-n-Ride Parking Lot				60,292	\$60,292	
Estimating / Design Contingency Index To Construction Start General Conditions / Insurance / Bond General Contractor OH & Profit	Fall 2024		10.00% 6.00% 10.50% 4.50%	6,030 3,980 7,382 3,496	20,888	@ ± 6% per year 34.64%
TOTAL DIRECT CONSTRUCTION COST 02 Park-n-Ride Parking Lot	6,300	sf	\$12.89 /sf		\$81,180	

Morrow County Public Transportation Advisory Committee

2022

Members		Minimum Members: 5	Maximum Members: 9	Term allowance: 3 years
NAMES		REPRESENTING		TERM EXPIRATION
Member	Vacancy	People with limited English proficiency - At Large		
Alternate	Vacancy			
Member	Karen Pettigrew	Boardman/Low Income		12/31/2023
Alternate	Vacancy			
Member	Debbie Radie - Vice Chair	Port of Morrow Employers/Employees		12/31/2024
Alternate	Vacancy			
Member	Sheryll Bates	Heppner/Seniors		10/30/2024
Alternate	Debra Khaljani	12/31/2022		
Member	Aaron Palmquist - Chair	Irrigon/Low Income		6/30/2024
Alternate	Vacancy			
Member	Vacancy	Ione		
Alternate	Vacancy			
Member	Vacancy	Lexington		
Alternate	Vacancy			
Member	Katie Imes	County Staff/Transportation Coordinator		12/31/2022
Alternate	Vacancy			
Member	Stephanie Case	County Staff/Local Planner		12/31/2022
Alternate	George Nairns	12/31/2022		