

CASCADE CHARTER TOWNSHIP
PUBLIC SAFETY ADVISORY COMMITTEE MEETING
December 15, 2021, 2021 at 9:00 am
Cascade Township Hall – Large Conference Room
5920 Tahoe Dr. SE
Grand Rapids, MI 49546

- ARTICLE 1.** Call the Meeting to Order
- ARTICLE 2.** Approval of the Agenda
- ARTICLE 3.** Approval of the Minutes of the 11/17/21 Meeting
- ARTICLE 4.** Review & Consider Fire Station #1 Design & Budget Update
- ARTICLE 5.** Review & Consider Improvements to Air Cargo Lease Space
- ARTICLE 6.** Public Comment (Please limit comment to 3 minutes)
- ARTICLE 7.** Adjournment

CASCADE CHARTER TOWNSHIP
PUBLIC SAFETY ADVISORY COMMITTEE MEETING
November 17, 2021 at 9:00 am
Cascade Township Hall – Large Conference Room
5920 Tahoe Dr. SE
Grand Rapids, MI 49546

Members Present: Treasurer Ken Peirce, Trustee John Shipley, Trustee Timmy Noordhoek

Others Present: Township Manager (TM) Ben Swayze, Fire Chief Adam Magers, Prein & Newhof Engineer John VerPlank, Williams Architect Mark Bushhouse (Zoom), Triangle Project Manager Brianna Pitchford (Zoom)

Members of the Public: None

ARTICLE 1. Call to Order: Meeting was called to order at 9:03am

ARTICLE 2. Approval of the Agenda

Motion by Trustee Shipley, supported by Trustee Noordhoek to approve the agenda. Motion carried.

ARTICLE 3. Approval of the Minutes of the 10.20.21 Meeting

Motion by Trustee Shipley, Supported by Trustee Noordhoek to approve the minutes. Motion carried.

ARTICLE 4. Fire Station #1 Construction – Progress Update: Chief Magers gave an update on the work that has been completed to date. Project team is meeting today to review trades packages. Chief Magers reviewed the interior finishes and furniture documents with the committee. Next week the group is reviewing landscaping and civil engineering. The intention will be to have a draft budget for the project to the PSAC at their December 15 meeting. Trustee Shipley indicated he would like to see the facility be as “maintenance free” as possible. Civil Engineer mentioned the need to set up a meeting with the Goldfish Swim school building owner to review changes to the shared drive. Chief Magers and TM Swayze indicated they would set up that meeting.

No action, discussion only

ARTICLE 5. Review & Consider Proposal for Engineered Drawings for Air Cargo Lease Space: Chief Magers reviewed the proposal from Prein & Newhof. Stamped drawings are required in order to submit for the required building permits. The Cost is within the staff spending authority, but wanted to review with the committee to make sure everyone was on board. Discussion ensued. The Committee saw no issue with engaging Prein & Newhof for the required work.

No action, discussion only

ARTICLE 6. Assistance to Firefighters Grant: Chief Magers reviewed the grant program with the committee. While Cascade has a harder time securing grants due to our financial position, we continue to apply for them. This year the department will be focusing on firefighter health and wellness with the grant. There would be a 5% grant match if the proposal is successful. The committee discussed and agreed the department should continue to pursue these grants.

No action, discussion only

ARTICLE 6. Public Comment: None.

ARTICLE 7. Adjournment: Motion by Trustee Shipley, supported by Trustee Noordhoek to adjourn the meeting. Meeting adjourned at 9:23am.

Approved by the Public Safety Advisory Committee – TBD

CASCADE TOWNSHIP  FIRE DEPARTMENT

Dedicated to Serving You

Public Safety Advisory Committee
Cascade Charter Township
December 10, 2021

Fire Station 1 Cost Estimate Meeting

PSAC Members,

At the Wednesday December 15th PSAC meeting Triangle, Williams, and Prein & Newhoff will be going over the updated cost estimate for Fire Station 1. They will also be going over some alternative options (attached) for the exterior aesthetic of the building after a couple board concerns on the appearance of the renderings.

The project is on hold until the board chooses to proceed or not with the cost estimate and design. In order to proceed, there is a letter that will need to be signed.

The lease for the Air Cargo temporary station has been signed as of Monday December 6. Permit has been issued from our building dept. Permit for the airport has been submitted and is expected to be approved by the end of today, according to Engineering Manager for GRR Clint Nemeth and Sgt Beauchamp, Security/Airport Police. See attached for upgrade plans. Upgrades are expected to be performed January and February. We will be ready to move in by March or April, but will utilize Thornhills as long as possible.

Cascade Fire is about 85% badged and authorized at this point. We expect 100% by the end of the year. Procedure and security training is scheduled for 0900am on December 20th. Contractor quotes for major items are in and Lieutenant Dettwiler will be at the meeting and can answer any questions on them.

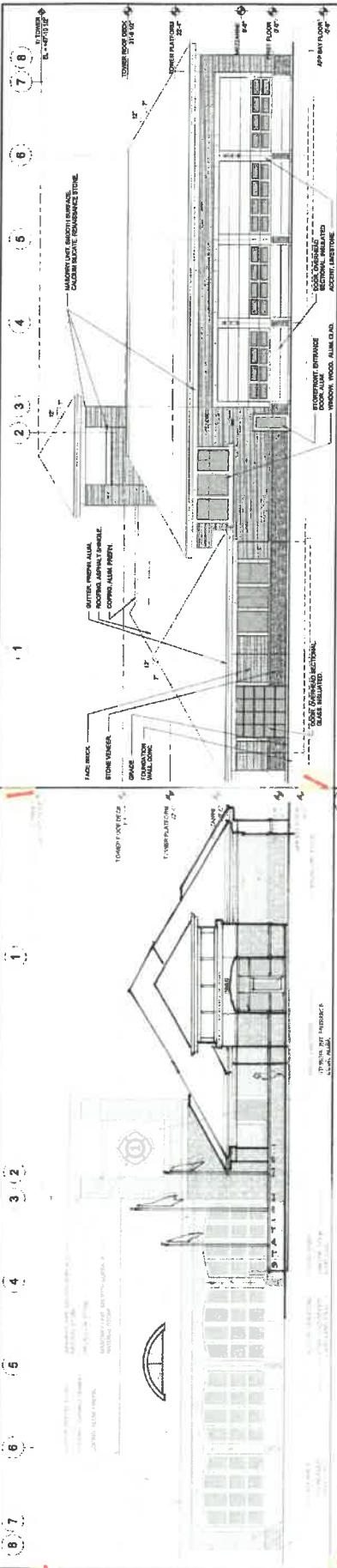
I look forward to seeing everyone on Wednesday and hopefully moving on to the next phase of this project!

Thank you,

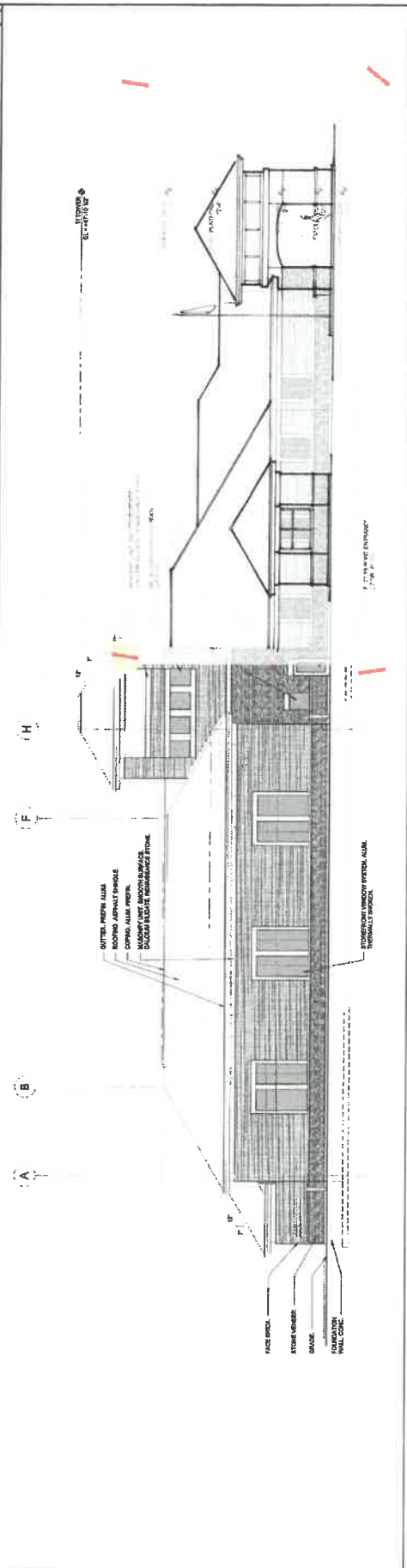


Adam Magers

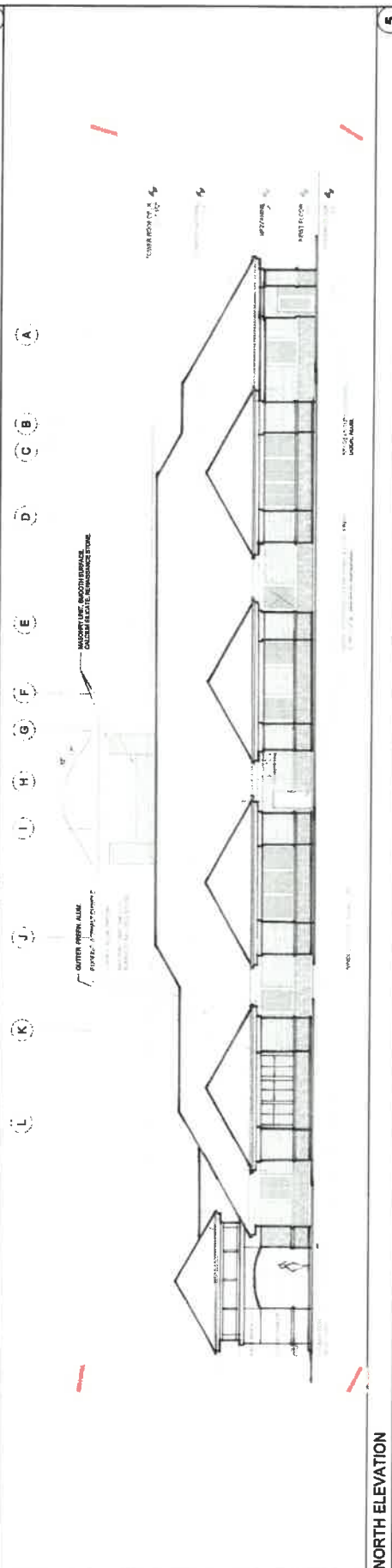
Fire Chief, Cascade



WEST ELEVATION
 SCALE: 1/4" = 1'-0"



SOUTH ELEVATION
 SCALE: 1/4" = 1'-0"



NORTH ELEVATION
 SCALE: 1/4" = 1'-0"

Temporary Station 1

The plan moving forward on the temporary Station 1 "Evergreen/DHL" suites to provide the necessary updates to accommodate a full-time fire suppression crew is as follows:

Doors: Per fire code 90-minute fire rated doors and frames will need to be installed entering the bunk room and Captain's sleeping quarters. Lt. Dettwiler will be contacting SA Morman for cost and install prices. \$6115

Plumbing: Water lines and drains for a kitchen sink will need to be run. The kitchen will share a wall with the janitor closet for access to existing water lines and drains. A hose bib will also need to be installed for a garden hose placement in the bays to spray floors and vehicles. Lt. Dettwiler will be contacting the fire department's plumbing contractor McDonald Plumbing for quotes. \$2990

Kitchen cabinets: The Fire Department will be purchasing stock cabinets from Lowes and installing these. A counter top will need to be purchased after cabinet layout is designed. A premade counter can be purchased at local hardware stores. \$1500

Paint: The fire department will be painting the offices and bunk room in the Evergreen suite. Paint will be a low-cost latex paint, possibly donated. \$150

Carpet: The Fire Department will be installing commercial carpet squares in the bunk room, Captain's office, Day room, Prevention office, Chief's office, Administrative Assistant office. This is approximately 1300sq ft. 24x24in self-adhesive tiles can be purchased at home depot \$2700

Electrical: All low voltage wiring that does not require a permit will be installed by the Fire Department personnel. This includes cable, internet, speakers etc. Materials will be purchased from an online retailer or a local supplier.

Additional outlets needed for fridges, bunk rooms, shore stations, computers, hard wired smoke detectors, etc. will be installed by a licensed electrician. Lt. Dettwiler will be contacting Reistma Electrical for quotes.

Bay doors: Lt. Dettwiler will be contacting Overhead Door, the Fire Department's current contractor, to purchase remotes and have them programmed.

Loading dock gates: For safety fall risks the Fire Department will be repurposing chain link fencing panels currently in the “parts cage” and placing them, attached to the concrete with anchors, in front of the loading dock overhead doors. This is a no cost project.

CO/NO2 Detectors: Per code CO and NO2 detectors need to be installed when vehicles are parked in the same area as sleeping quarters. Airport facilities has agreed to install the detectors with their electricians if Cascade Township provides them. Cascade Prevention Division will provide quotes for products. \$4760

Airport gate access: Security clearance for airport-controlled areas will need to be obtained by CFD personnel. As CFD approaches the move in date this process will be revisited.

6450 Aircargo

1. Doors (Bunk room, Capt. Room, connecting door) \$6115
2. Carpet Squares Home Depot \$2.09 sqft x 1260 = \$2653
3. Plumbing for sink and hose bib Mcdonald Plumbing \$2990
4. CO NO2 monitors Agility \$4760
5. Paint \$150
6. Walls around beds \$
7. Electrical \$
8. Cabinets (Lowes) Screws \$ 997
9. Counter tops \$500
10. Sink/faucet \$130 Kit Lowes
11. Internet, Cable \$
12. Overhead Door remotes \$
13. Entrance Door push button lock \$
14. Hose reel and hose \$

Cascade Charter Township– 2865 Thornhills Dr. SE

Site Civil Narrative

REVISIONS: 2021-11-29 BY JOHN VERPLANK

Site Demolition:

The existing building, parking lot, and drive isles will all be demolished to make room for the new fire station.

Site Utilities:

The old Township sewer plans shows that an existing 6-inch sanitary sewer lateral feeds the existing fire station from Thornhills Ave. We are proposing to cut this existing sanitary lateral at the right-of-way and install a new lateral from the existing line to the new building.

The existing building has a domestic water line but it does not have fire protection. The new building will have a fire suppression system and the City of Grand Rapids requires a separate 6-inch diameter water line feeding the fire suppression system. The City of Grand Rapids requires an double check valve assembly. Due to the distance of the building from the ROW, the double check valve assembly will need to be located in an underground vault near the ROW. We are proposing running a new domestic water line from the main using the existing 1.5" tap.

The site is subject to the Lower Grand River Organization of Watersheds (LGROW) storm water management regulations. Cascade Charter Township adopted these new regulations in 2021. The soil borings show that the soils have a high infiltration capability, and the majority of the proposed storm water pipe will be perforated and will include a widened 1-inch diameter crushed stone backfill wrapped in a geotextile fabric. Our preliminary model of the site indicates that 11,154 cubic feet of storm water detention is required.

Site Grading/Topography:

The site has a significant slope down towards Thornhills Avenue and the west side of the site will need a few feet of cut to direct storm water away from the building. Our preliminary grading plan indicates that approximately 4400 cubic feet of soil will need to be removed from the site. A retaining wall approximately 4.5 feet in height is needed at the northwest side of the site near the existing cell phone tower. Another retaining wall that is approximately 5-feet tall will be needed on the east side of the proposed east parking lot. This wall will also have a fence above it.

Site Access:

The driveway locations are not proposed to be modified as they 'grandfathered'. However, the northerly driveway geometry is proposed to be modified to make a perpendicular intersection with the site to the north. We are also proposing to lower the

driveway approximately 1-foot to decrease the approach slope from its current condition. The lowering of this driveway will require relocation of a phone line and a conduit. This drive alteration is subject to approval from the northerly neighbor and new drive easements.

Landscaping:

Site is zoned B-2 with adjacent property to north zoned B-2 and the west and south PUD.

Buffer yard requirements:

- B-2 adjacent B-2 requires 25' wide green belt with 3 canopy trees, 6 understory trees and 9 shrubs for every 100-feet of frontage.
- B-2 adjacent arterial roadway requires 20' wide green belt with 2 canopy trees, 4 understory trees and 6 shrubs for every 100' of frontage.

Internal landscape requirements for parking – front yards:

- Planting areas 180 square feet minimum and 20' minimum wide
- Curbed parking and planting areas
- 1 canopy tree or 2 evergreen trees for every 180 square feet of planting
- 15 square feet of planting for every parking space (for parking areas with less than 50 spaces)



GERALD R. FORD INTERNATIONAL AIRPORT AUTHORITY
5500 44TH STREET SE, GRAND RAPIDS, MI 49512
Phone: 616-233-6000 Fax: 616-233-6025

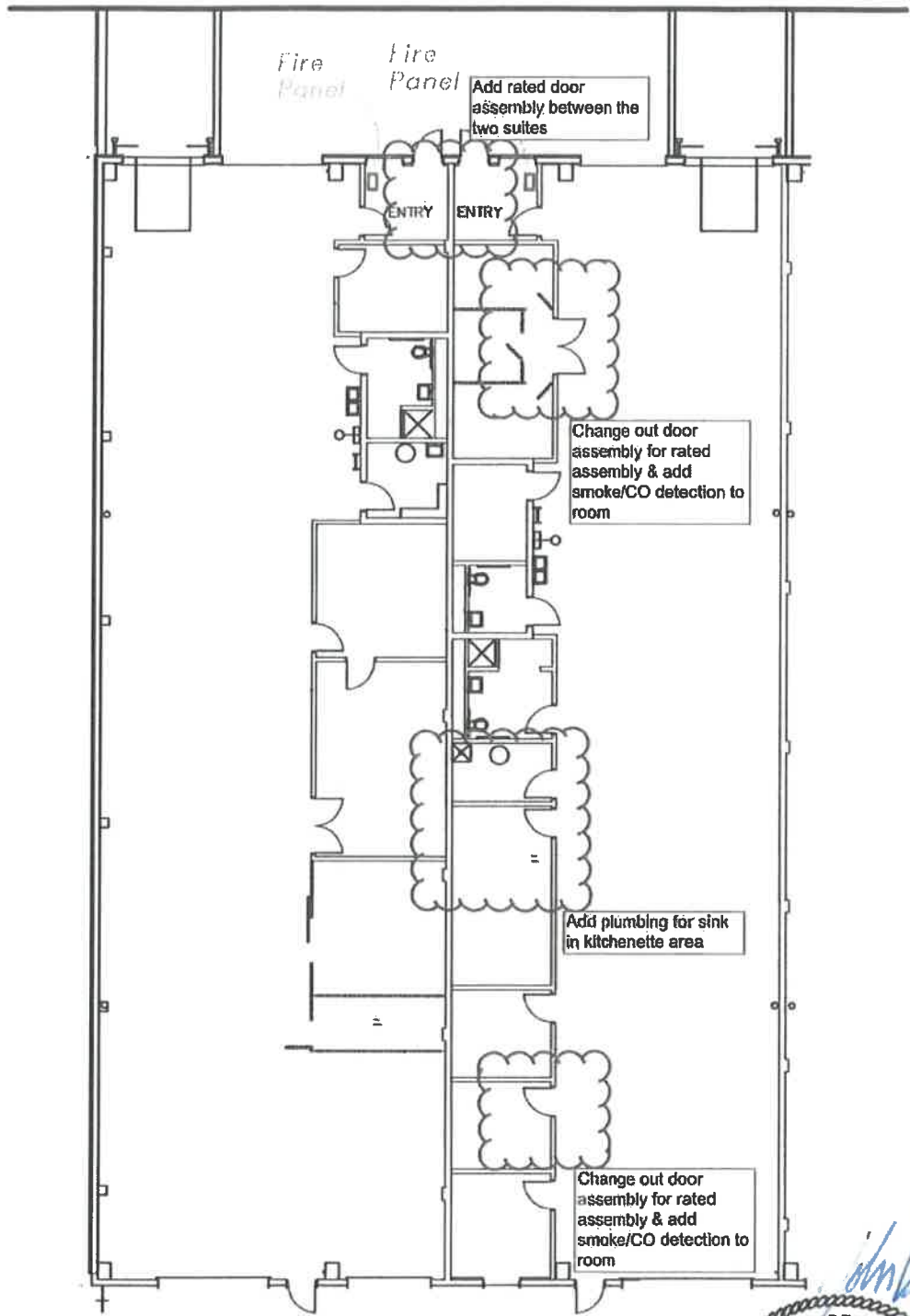
APPLICATION FOR
AIRPORT
CONSTRUCTION PERMIT

IMPORTANT – Applicant to complete all items			
LOCATION	AT: 6450 Air Cargo DR SE		Building # 21-bldg207
TITLE OF PROJECT: Temp Fire Station		Contact Person Name: Adam Magers	Phone: 616-318-8340
	Name	Mailing Address – Number, Street, City, State & ZIP Code	Telephone No. e-mail address
Owner or Lessee	Cascade Township	Cascade Fire Department	() 6169491320
Architect or Engineer	Prein and Newhoff	John Verplank	()
Contractor	SA Morman, McDonald Plumbing, Reitsm		()
<p>Describe in detail what you are proposing to do (e.g., addition, interior modification, remodel, new entry, erect signage, change of use, etc.)</p> <p>Changing 2 interior doors to fire rated compliance. Installing a fire rated door between the 2 suites. Installing a kitchen sink/drain and cabinets in the room adjacent to the janitor closet. Minor electrical.</p>			
Plans Attached: <input checked="" type="checkbox"/> yes <input type="checkbox"/> no Specifications attached: <input type="checkbox"/> yes <input type="checkbox"/> no Local Building Permit Obtained: <input type="checkbox"/> yes <input type="checkbox"/> no		Certificate of Insurance: <input type="checkbox"/> yes <input type="checkbox"/> no AOA Construction: <input type="checkbox"/> yes <input type="checkbox"/> no Landside Construction: <input type="checkbox"/> yes <input type="checkbox"/> no	
Anticipated commencement date: <u>January 2022</u>		Anticipated completion date: <u>February 2022</u>	
NO WORK IS TO BEGIN UNTIL THE GFIA CONSTRUCTION PERMIT HAS BEEN ISSUED			
<p>Failure to pursue the entire project as described above will render this permit and approval void and project shall be resubmitted for review. Include a Certificate of Insurance from the Contractor with the airport as an additionally insured.</p>			
<p>I am the owner or lessee of the property on which this proposed project is located and the plans, specifications, and the information provided in the application is true and correct to the best of my knowledge and belief.</p> <p>Adam Magers December 7, 2021</p>			
Typed/Printed Name		Signature of Applicant	Application Date

GFIAA Use Only:

Building Permit Authorization: _____
Approval Signature Authorization Date

Distribution: GFIAA Files Building Maintenance Operations Field Maintenance Police/Security



Fire Panel Fire Panel

Add rated door assembly between the two suites

Change out door assembly for rated assembly & add smoke/CO detection to room

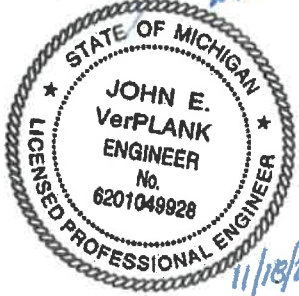
Add plumbing for sink in kitchenette area

Change out door assembly for rated assembly & add smoke/CO detection to room

ENTRY ENTRY

NOT TO SCALE

John E. VerPLANK



A001001 - Rev. 04/18/2017 - 04/18/2017


<p>CASCADE CHARTER TOWNSHIP KENT COUNTY, MICHIGAN SUITE IMPROVEMENTS FLOOR PLAN</p>	<p>Prein & Newhof Engineers • Surveyors • Environmental • Laboratory</p>	<p>6450 AIR CARGO DR. GRAND RAPIDS MICHIGAN, 49546 Date : 11/15/2021</p>	<p>Project No. 2211141 Sheet 1 OF 1</p>
---	---	--	---



GERALD R. FORD INTERNATIONAL AIRPORT AUTHORITY
 5500 44TH STREET SE, GRAND RAPIDS, MI 49512
 Phone: 616-233-6000 Fax: 616-233-6025

**APPLICATION FOR
 AIRPORT
 CONSTRUCTION PERMIT**

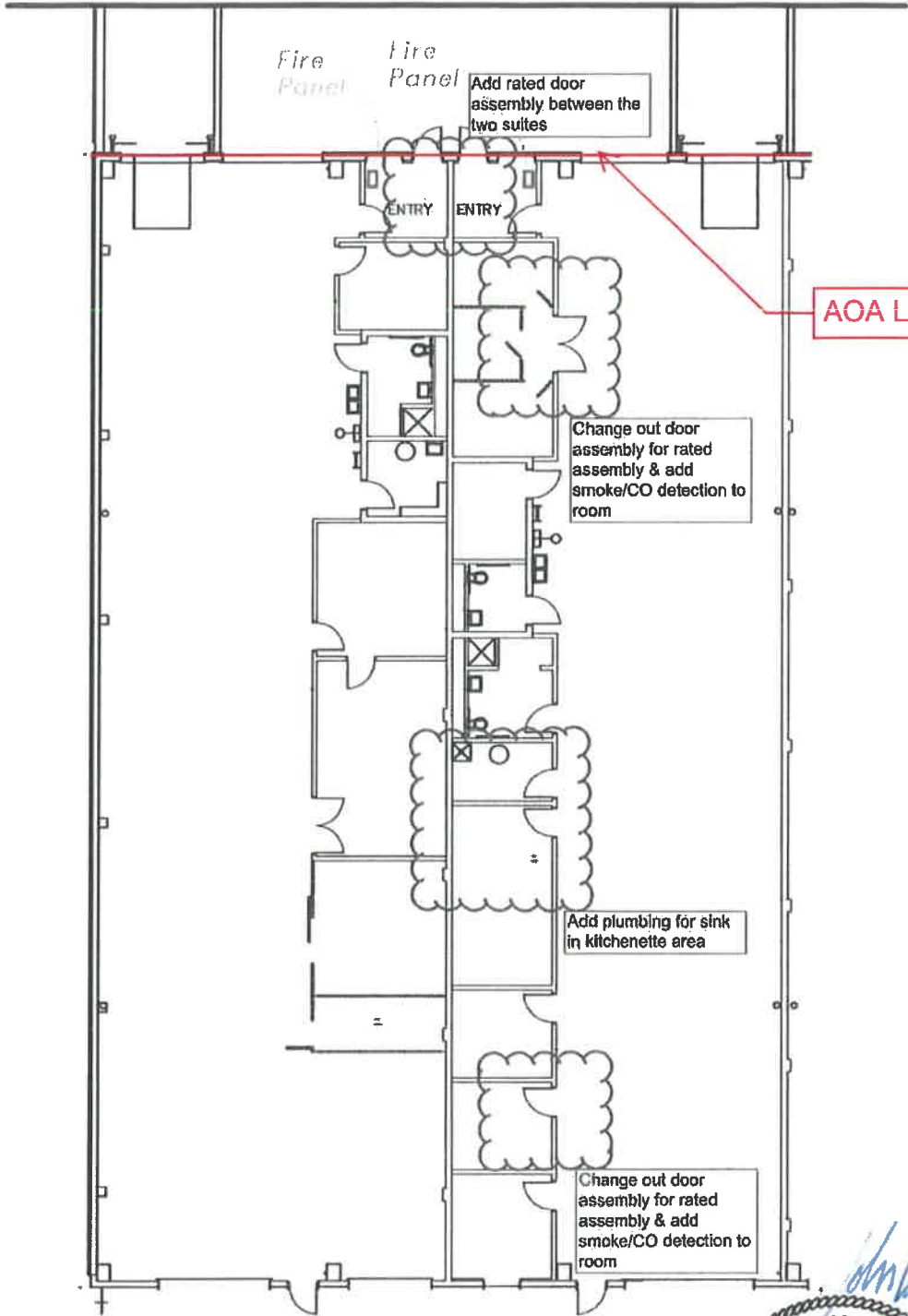
IMPORTANT – Applicant to complete all items

LOCATION	AT: 6450 Air Cargo DR SE		Building # 21-bldg207
TITLE OF PROJECT: Temp Fire Station	Contact Person Name: Adam Magers	Phone: 616-318-8340	
	Name	Mailing Address – Number, Street, City, State & ZIP Code	Telephone No. e-mail address
Owner or Lessee	Cascade Township	Cascade Fire Department	() 6169491320
Architect or Engineer	Prein and Newhoff	John Verplank	()
Contractor:	SA Morman, McDonald Plumbing, Reitsm	SA Mormon: (616) 245-0543 Reitsma Electric: (616) 897-4022 McDonald Plumbing: (616) 698-6771	()
<p>Describe in detail what you are proposing to do (e.g., addition, interior modification, remodel, new entry, erect signage, change of use, etc.)</p> <p>Changing 2 interior doors to fire rated compliance. Installing a fire rated door between the 2 suites. Installing a kitchen sink/drain and cabinets in the room adjacent to the janitor closet. Minor electrical.</p> <p>GFIAA Notes:</p> <ul style="list-style-type: none"> - All work shall be performed by GRR AOA badged or escorted personnel. - Any other improvements of the space will require a separate permit. 			
Plans Attached:	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no	Certificate of Insurance:	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
Specifications attached:	<input type="checkbox"/> yes <input type="checkbox"/> no	AOA Construction:	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no
Local Building Permit Obtained:	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no	Landside Construction:	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
Anticipated commencement date: January 2022		Anticipated completion date: February 2022	
NO WORK IS TO BEGIN UNTIL THE GFIA CONSTRUCTION PERMIT HAS BEEN ISSUED			
<p>Failure to pursue the entire project as described above will render this permit and approval void and project shall be resubmitted for review. Include a Certificate of insurance from the Contractor with the airport as an additionally insured.</p>			
<p>I am the owner or lessee of the property on which this proposed project is located and the plans, specifications, and the information provided in the application is true and correct to the best of my knowledge and belief.</p>			
Adam Magers			December 7, 2021
Typed/Printed Name		Signature of Applicant	Application Date

GFIAA Use Only:

Building Permit Authorization:  **12/10/21**
 Approval Signature Authorization Date

- Distribution: GFIAA Files Building Maintenance Operations Field Maintenance Police/Security



AOA Line

Change out door assembly for rated assembly & add smoke/CO detection to room

Add plumbing for sink in kitchenette area

Change out door assembly for rated assembly & add smoke/CO detection to room

NOT TO SCALE

John E. Verplank
 STATE OF MICHIGAN
 JOHN E. VerPLANK
 ENGINEER
 No. 6201049928
 LICENSED PROFESSIONAL ENGINEER
 11/18/21

APR/2021 - 08/2021 - 10/21 - 11/21 - 2021

CASCADE CHARTER TOWNSHIP
 KENT COUNTY, MICHIGAN
 SUITE IMPROVEMENTS
FLOOR PLAN

Prein & Newhof
 Engineers • Surveyors • Environmental • Laboratory

6450 AIR CARGO DR.
 GRAND RAPIDS
 MICHIGAN, 49546
 Date : 11/15/2021

Project No.
 2211141
 Sheet
1 OF 1



CASCHA-01

SVELD1

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
12/9/2021

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Hub International Midwest East	CONTACT NAME: Sarah Veld	
	PHONE (A/C, No, Ext): FAX (A/C, No):	
	E-MAIL ADDRESS: sarah.veld@hubinternational.com	
INSURED Cascade Charter Township 2865 Thornhills Ave SE Grand Rapids, MI 49546-7192	INSURER(S) AFFORDING COVERAGE	NAIC #
	INSURER A: Argonaut Insurance Company	19801
	INSURER B:	
	INSURER C:	
	INSURER D:	
	INSURER E:	
	INSURER F:	

COVERAGES

CERTIFICATE NUMBER:

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> EBL & Public Official GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:			PE-4619252-11	1/1/2021	1/1/2022	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000 MED EXP (Any one person) \$ 2,500 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 5,000,000 PRODUCTS - COMP/OP AGG \$ 5,000,000 EBL PO EPLI \$
A	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS ONLY			PE-4619252-11	1/1/2021	1/1/2022	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$ 0			PE-4619252-11	1/1/2021	1/1/2022	EACH OCCURRENCE \$ 4,000,000 AGGREGATE \$ 4,000,000 \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in MI) <input type="checkbox"/> Y/N N/A If yes, describe under DESCRIPTION OF OPERATIONS below						PER STATUTE OTH-ER E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
 Gerald R. Ford Airport Authority is listed as additional insured with respect to General Liability where required by written contract or agreement.

CERTIFICATE HOLDER

CANCELLATION

Gerald R. Ford Airport Authority
 5500 44th Street SE
 Grand Rapids, MI 49512

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE