



CITY OF NORTH POLE *Alaska*

REGULAR CITY COUNCIL MEETING Monday, March 19, 2012

Work Session – 5:30 p.m.

Presentation by Mayor Luke Hopkins, FNSB; COL Thomas Daack, Eielson Air Force Base representative; and COL Ronald Johnson, Fort Wainwright representative regarding the implementation status of the Joint Land Use Study (JLUS) completed in 2006.

Committee of the Whole – 6:30 p.m. Regular City Council Meeting – 7:00 p.m.

COUNCIL MEMBERS

Richard Holm	488-1776
Sharron Hunter- <i>Alt Dep Mayor Pro Tem</i>	488-4282
Ronald Jones- <i>Mayor Pro Tem</i>	488-3579
Thomas McGhee	455-0010
Derrick Nelson	490-2446
Bryce Ward- <i>Deputy Mayor Pro Tem</i>	488-7314

MAYOR

Douglas Isaacson 488-8584

CITY CLERK

Kathy Weber, MMC 488-8583

1. Call to Order/Roll Call
2. Pledge of Allegiance to the US Flag –
3. Invocation
4. Approval of the Agenda
5. Approval of the Minutes
6. Communications from the Mayor
Proclamations
Hannah Sears
7. Council Member Questions of the Mayor

8. Communications from Department Heads, Borough Representative and the City Clerk

9. Ongoing Projects Report

10. Citizens Comments (Limited to Five (5) minutes per Citizen)

11. Old Business

- a. Ordinance 12-06, An Ordinance of the City of North Pole Amending Title 15, Building & Construction, Chapter 15.04, Administrative Code
- b. Ordinance 12-07, An Ordinance of the City of North Pole Amending Title 15, Building & Construction, Chapter 15.12, Building Code
- c. Ordinance 12-08, An Ordinance of the City of North Pole Amending Title 15, Building & Construction, Chapter 15.20, Residential Code
- d. Ordinance 12-09, An Ordinance of the City of North Pole Amending Title 15, Building & Construction, Chapter 15.28, Mechanical Code
- e. Ordinance 12-10, An Ordinance of the City of North Pole Amending Title 15, Building & Construction, Chapter 15.36, Electrical Code
- f. Ordinance 12-11, An Ordinance of the City of North Pole Amending Title 15, Building & Construction, Chapter 15.42, Plumbing Code
- g. Ordinance 12-12, An Ordinance of the City of North Pole Amending Title 15, Building & Construction, Chapter 15.50, Fire Code
- h. Ordinance 12-13, An Ordinance of the City of North Pole Amending Title 15, Building & Construction, Chapter 15.82, Fuel Gas Code
- i. Ordinance 12-14, An Ordinance of the City of North Pole Amending Title 15, Building & Construction, Chapter 15.90, Energy Code

12. New Business

- a. Request from Fairbanks Convention & Visitors Bureau for 3rd & 4th Quarter 2011 Bed Tax
- b. Request from North Pole Economic Development Corporation for 4th Quarter 2011 Bed Tax
- c. NPPD request for approval of \$16,906.49 through the Fairbanks Police Department COPS grant and asset forfeiture money

13. Council Comments

14. Adjournment

The City of North Pole will provide an interpreter at City Council meetings for hearing impaired individuals. The City does require at least 48 hours notice to arrange for this service. All such requests are subject to the availability of an interpreter. All City Council meetings are recorded on CD. These CD's are available for listening or duplication at the City Clerk's Office during regular business hours, Monday through Friday, 8:00 a.m. to 5:00 p.m. or can be purchased for \$5.00 per CD. The City Clerk's Office is located in City Hall, 125 Snowman Lane, North Pole, Alaska.



Fairbanks North Star Borough

Office of the Mayor

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Fairbanks, Alaska 99707-1267

907/459-1300

Fax 907/459-1102

Email mayor@co.fairbanks.ak.us

March 6, 2012

Douglas W. Isaacson, Mayor
City of North Pole
Office of the Mayor
125 Snowman Lane
North Pole, Alaska 99705

RE: Fairbanks Joint Land Use Study (JLUS) Updates

Dear Mayor Isaacson:

On March 19, 2012, Colonel Ronald Johnson, Fort Wainwright; Colonel Thomas Daack, Eielson Air Force Base; and I will be providing the North Pole City Council with an update on the progress in implementing the JLUS.

The FNSB partnered with the City of Fairbanks, the City of North Pole, Fort Wainwright, and Eielson Air Force Base to develop a JLUS which began in 2005. The study explored opportunities to accommodate growth and maintain regional economic sustainability, balancing both military and civilian interests. The study resulted in 57 recommendations.

In June 2010, the JLUS Policy and Technical committees begin implementing the recommendations included in the study. As of this date, 28 of the recommendations have now been fully implemented. This represents 49% of the total recommendations (Exhibit 1). As recommendations are fully implemented, the attached lists of contacts (Exhibit 2) are notified.

If we can provide any additional information, please contact Jim Lee jlee@fnsb.us or Marnie Long-Boehl mlongboehl@fnsb.us with the FNSB, or telephone (907) 459-1260.

Sincerely

Luke Hopkins
FNSB Mayor
Chairman, JLUS Policy Committee

LH:mb

EXHIBIT 1

2006 JLUS RECOMMENDATIONS

Local Jurisdiction recommendations

1. **Establish review procedures:**

To help ensure that the military is informed about any land use designation or action that might impact lands within the 65 DNL contours, the FNSB planning department would contact appropriate personnel to discuss and invite participation in actions pertaining to projects that may occur within the military's 65 DNL contour. The FNSB planning department would take the lead and work with the military leaders to identify the appropriate military contacts and establish review procedures.

2. **Create a JLUS Natural Resources Working Group:**

To continue the momentum created by this effort, the local jurisdictions, in collaboration with the Army and Air Force, would establish an FNSB Joint Land Use Natural Resources Working Group to address issues of recreational access and resource management. The group will focus on issues around training ranges, including civilian recreational access and natural resource management. The group will include a full range of stakeholder organizations that have an interest in hunting, fishing, recreation access, and habitat management on military training ranges. This Committee could also be expanded to include the Delta Junction community and military representative in that area. FNSB Planning Department is suggested as the organization to provide staff support, meeting space and other logistical support in a similar manner as for other FNSB-sponsored committees.

3. **Continue meeting with community leaders for informal information sharing:**

Maintain regularly scheduled meetings in FNSB Mayor's office to informally and candidly share mutually beneficial community and military information. This would help to ensure ongoing sharing of information about changes on military operations, community impacts and community needs. These meetings could also be used as a forum for periodic review of the implementation of the overall JLUS recommendations.



4. **Strengthen construction codes:**

Only the City of North Pole and the City of Fairbanks have building codes. These codes would be reviewed and modified as needed to ensure proper standards are in place related to noise attenuation. This action would make sure that new language within codes related to AICUZ areas would be added to direct that construction within the AICUZ area has the recommended noise level reductions. It is assumed that the current weatherization measures in the code will meet many noise attenuation needs.

5. Amend Title 17 to require note on plat for subdivisions within 65 DNL contours:

Amend FNSB Title 17 to require platting board review of each preliminary subdivision layout to determine if a documented noise impact exists. If so, apply note to plat notifying potential owners of the proximity to 65 DNL contours and offer sound attenuation recommendations. This will ensure that new construction within the AICUZ area has the recommended noise level reductions on the plat and that owners will be given notice of potential noise impacts.

6. Publicize established legal requirements for full disclosure in real estate transactions:

Alaska Statutes (AS 34.70) requires full disclosure by the seller. This existing tool can and should be used to ensure all buyers of property around military bases understand the potential noise environment. This tool requires working with the local real estate community to ensure they understand and comply with this requirement.

7. Incorporate military noise contours into FNSB Regional Comprehensive Plan and Development Codes:

Amend the FNSB Regional Comprehensive Plan and Zoning Code as necessary to ensure that local land use decisions are compatible with existing civilian and military aviation patterns. Expand the use of the current overlay zone to include areas within the 65 DNL contour identified by the military.

8. Increase military awareness of civilian land use issues around installations:

Invite military representatives to the FNSB planning and platting boards on an as-needed basis to serve as two-way communicators on land use issues. This will help to educate Planning Commission members on impacts of their land use decisions on the military installations so they can make more fully informed decisions.

9. Adopt encroachment prevention measures:

This would modify existing ordinance and regulations, such as Title 17 and Title 18 to prevent encroachment on military lands that could compromise missions; work with military planners to obtain assistance in monitoring for enforcement purposes. This too will help prevent development near military lands that could compromise missions, to support development of compatible land uses outside the installation fence lines, and to bring existing uses into compliance. In this context, "encroachment" is used to signify those uses of land closely surrounding Fort Wainwright or Eielson AFB that would impinge on the military's ability to safely carry out their mission.



Fully
Implemented

10. Adopt zoning ordinances to limit the height of objects around military airports:

While Federal Aviation Administration does not have the authority to restrict heights and obstructions, they do make recommendations and have a model (sample) ordinance (FAA Advisory Circular 150/5190-4) that communities can use to promote safety. The FNSB would adopt a similar ordinance that prevents the obstruction of imaginary surfaces around military airports as defined in 14 Code of Federal Regulations, Part 77, Objects Affecting Navigable Airspace. This would help to prevent obstructions to airspace on land outside the military installations that could compromise aviation missions. Amend local and / or regional comprehensive plans and zoning codes as necessary. The FNSB would coordinate with the military installation staff to ensure the proper criteria are used for defining the imaginary surfaces.

11. Enforce compatible use zoning:

Establish a land use policy against re-zoning land to any category that permits permanent residential development, when such land lies within the existing or future 65 DNL contour. This will prevent development of incompatible residential uses within air operations areas.

12. Enforce mobile home and noise sensitive compatibility:

This tool would restrict mobile home development within the existing and future 65 DNL contour. This action would prevent development of incompatible residential uses within air operations area. It would require review and amendments to the Regional Comprehensive Plan and zoning codes as necessary.

13. Maintain residential densities within existing and future noise sensitive areas:

Adopt policy forbidding an increase of residential density for existing residential areas within the existing and future 65 DNL contour. This will prevent increased development of incompatible residential uses within air operations areas. This tool requires amending the comprehensive plan and zoning codes as necessary.

Military recommendations

1. Monitor and provide input on land use:

The military would monitor proposed land use development that might impact current or future military impact operations. Military staff would make a commitment to attend FNSB Planning Commission meetings as necessary to provide military perspective on civilian land use decisions. This tool would serve to give important input to local planning authorities on existing or proposed noise-sensitive land use issues. (Such as residential development)



2. Coordinate training schedules:

The military would work with local and state government natural resources managers to communicate training schedules. This would help to minimize the impacts of training activities on wildlife populations and wildlife management particularly during hunting season. This information would be presented before the proposed JLUS Natural Resources Working Group.

3. Continue noise complaint management process and night time firing notification:

Currently each base has a Noise Complaint Management Process handled through its public affairs office (PAO). This process would continue to operate and would allow for feedback from civilians or noise issues to assist with minimizing conflicts. The PAO's also have a process to notify the public of night time firing exercises, which would continue and would serve to minimize conflicts through positive communications.



4. Strengthen public outreach efforts and communication of significant operational changes:

The military would provide three days notice to the public for noise generated by unusual flight patterns or training operations, a typical use of munitions, convoys and a typical or new use of areas. This public outreach effort would expand to consider incorporation multimedia options (such as radio, television, and newspaper) and post-event notifications.



In order to minimize conflicts through positive communications, the military would maintain an active presence in the Chamber of Commerce and attend and support the informational needs of the Chamber's Military Affairs Committee. The PAOs would be tasked with disseminating appropriate information. This would include contributing articles related to operations and land use to such new outlets as News-Miner, North Pole mayor's newsletter, Salcha Community Council and ADF&G newsletter.

5. Develop an information and education program for Natural Resource management and continue and improve hunter awareness education:

The military would develop and implement an information and education program for personnel using military lands. The program would emphasize conservation of wildlife and natural resources; develop protocol to reduce wildlife disturbance and negative wildlife-human interactions. It would provide recreational information such as hunting closures and recreational restrictions in a timely manner. The natural resources managers would develop the program and work with JLUS Natural Resources Working Group and PAOs.

The military would continue to hold and expand hunter safety education courses and partner with ADF&G and other hunter safety groups to provide educational opportunities to the military community. This will help to promote awareness of the Alaska outdoors environment to interested military personnel who are new to Alaska. Classes would be programmed around seasons: fall and spring hunting season, spring/summer fishing seasons. This would minimize conflicts and maximize safety and enjoyment through positive education.



Fully
Implemented

6. Build information kiosks:

To provide information opportunities outside secure perimeters for ease of access, the military would build kiosks at all primary entrances to recreational areas on military lands and provide visitors maps and information geared towards that area. This would improve communications with civilian users of military lands.

7. Post local military noise contour maps and related information on the web and publish in local papers:

The military would make the AICUZ and the Installation Environmental Noise Management plan and related maps available on publicly accessible website(s). This would be a task for the Fort Richardson PAO office to implement.

At the beginning of the spring, the military would publish a lay-public-friendly summary of noise related information in the local newspapers. It would include information about current and proposed changes to operations that might impact noise generation. Both of these actions would help to minimize conflicts through positive communications.



Fully
Implemented

8. Consider identification and acquisition of land that may be needed to protect military operations from encroachment:

The military would conduct an internal review to determine if there is a need to purchase or otherwise obtain ownership to lands that may be needed in the future to prevent encroachment that represents a threat to mission-essential military operations. This would remove key land use conflicts. A potential candidate might be Secluded Acres.



Fully
Implemented

9. Pursue funding for DoD conservation land purchases:

Consider partnering with local, state and non-profit entities to acquire land around military installations to prevent encroachment and allow for compatible recreational activities including hunting and fishing. This would minimize conflicts by purchasing land when a potential exists for recreational conflicts.



10. Augment noise management program:

Establish (or activate) temporary noise monitoring stations when a complaint remains unresolved. Evaluate potential effects of any type of unusual noise on drivers along nearby or transecting roadways. Consider installing signs along the Richardson Highway to alert drivers to potential noise impacts. Integrate with existing PAO noise complaint process.



11. Maintain up-to-date noise contours in GIS:

Installations would maintain up-to-date noise contours for both air traffic and firing ranges on installations in a GIS database. This information would be provided to the FNSB for integration into the Borough's data base and would be available to the public. This would assist in the review of air operations and major flight paths for conflicts with existing residences. It would also serve as a resource for individuals considering purchase of land in the impacted area.

12. Avoid flying over residential areas to the extent practicable:

To minimize noise-related conflicts the military would review flight operations on an ongoing basis and include civilian land use patterns into that review. To the most practical extent possible, the military would avoid flying low over residential areas. They would maintain a database of noise-related complaints, and incorporate that information into operations review.



13. Study the potential to locate or relocate firing areas:

This would locate future firing and artillery ranges and training exercises away from noise-sensitive receptors and noise-sensitive areas. Military planners would review civilian land uses in siting facilities, and meet with the Planning Commission to solicit their input.



14. Continue ongoing convoy permitting:

Continue to use the convoy permitting process with ADOT&PF. As part of the permit process, consider alternate travel routes and methods for military convoys, including line haul, split convoys (per Army Regulation 55-2), airlift, and rail to avoid traffic risks and impacts on civilian emergency response. This would help to minimize conflicts between civilian traffic and military convoys on highways. This is currently a serious issue on the Richardson Highway between Fairbanks and Delta Junction.

15. Consider establishment of formal MOU with state and federal resource management agencies:

Use the Sikes Act amendments as a model to formalize cooperative land management responsibilities with USFWS and ADF&G. This will allow for resource sharing and improved communications between Federal and State agencies. Task the natural resources managers to develop the memorandum of understanding (MOU) and work with JLUS Natural Resources Working Group.



16. Access cards permit system for snowmachiners:

Currently the military has a successful program for allowing snowmachiners access to military lands via an access card permit system. This would maintain this system and continue community goodwill through use of a proven ongoing program.

17. Study longer term lease agreements:

Consider longer term lease agreements with local governments or recreational user groups for outlying military lands. This will provide a climate of certainty for ongoing public support and investment in those lands, e.g. Birch Hill ski area and the skeet area. Have legal staff review and determine issues. Work with congressional delegation to modify statutory requirements, if necessary.

18. Strengthen implementation of INRMPs as a means of enforcing of JLUS recommendations:



Integrated natural resources management plans (INRMPs) contain specific actions to inventory, maintain, and improve wildlife habitat, as well as proper management of natural resources and recreation resources on military installations. They also guide civilian use of military training ranges and other lands, thus minimizing conflicts between civilian and military use. By strengthening the implementation of the INRMP, there is potential for improving or maintaining good habitat and wildlife conditions. Some of the types of recommendations of the INRMP process include:

- Monitor the effects of military training on select wildlife species (especially herd animals and waterfowl) during critical seasons such as breeding, rearing of young, and migration.
- Conduct a detailed study to assess impacts of recreational vehicles to vegetation and continue to enforce recreational vehicle use policies.
- Continue the use of environmental limitations overlays that indicate areas where maneuver training is and is not allowed.
- Provide appropriate training to MPs and land managers.

The INRMP process involves regular reviews and updates. During this process, coordination with JLUS Natural Resources Working Group would be required.

19. Maintain / initiate two-year renewal duration:



Maintain the extended two-year renewal duration on the FWA and DTA Recreational Access Permits. A two-year permit duration would simplify public access to military lands. It would also help to guide civilian use of military training ranges and other lands, thus minimizing conflicts between civilian and military use.

20. Maintain USARTRAK automated phone check-in system:



Use system to monitor recreational usage of training areas through USARTRAK phone system. Continue to implement the USARTRAK automated phone check-in system, using it to monitor recreational usage of each training area. Continue to inform military and ADF&G about use patterns, which should help to improve management for public access and recreation.



21. Fund conservation officers:

Fully fund conservation officers to enforce state and federal game laws, military rules and restrictions. This would help to guide civilian use of military training ranges and other lands, thus minimizing conflicts between civilian and military use.

22. Partner with ADF&G to create a one-stop permitting shop:

Partner with ADF&G to establish a one-stop hunting and fishing permitting station at the ADF&G offices in Fairbanks. This eliminates potential problems related to access to the permit office on the bases.

EXHIBIT 2

Company	Department	Name	Address	City	ST	Zipcode	Phone	Email
Alaska Communications Systems	Sr. VP Corp Development & Strategy	David Eisenberg	600 Telephone Ave., MS 65	Anchorage	AK	99503	1-888-234-9383	investors@acsalaska.com
Alaska Railroad	Land Specialist	Mike Fretwell	PO Box 107500	Anchorage	AK	99510-7500	265-2469	fretwellm@akrr.com
Alaska Railroad Anchorage Daily News	VP of Real Estate and Facilities	Jim Kubitz	PO Box 107500	Anchorage	AK	99510-7500	265-2428	kbutzj@akrr.com
	Business Editor	Bill White	PO Box 14-9001	Anchorage	AK	99514-9001	907-271-5246	bwithe@arcticgas.gov
State of Alaska Mental Health Land Trust Office								
	Land Management	LaDonna Lindley	2600 Cordova, Ste 100	Anchorage	AK	99503	269-8658	janis.kara@alaska.gov
354 CES/CEH	EAFB Housing	Joe Thornell	2258 Central Ave., Ste 100	Eielson AFB	AK	99702-2299	377-2244	joe.thornell@eielson.af.mil
USAF Public Affairs	354 Fighter Wing/PA	L.L. Evette Wissler	354 Broadway Ave., Ste 15A	Eielson AFB	AK	99702-1830	377-4287	evette.wissler@eielson.af.mil
HQ PACAF/A7		Greg Lee	25 E St., Ste 306	Hickam AFB	HI	96853		greg.lee@hickam.af.mil
USAF	Pentagon	Lynn Engleman	1150 Air Force Pentagon	Washington	DC	20330-1550		lynn.engelman@pentagon.af.mil
USAF	354 FW/CC	James N. Post III, Brigadier General	354 Broadway Ave., Unit 19A	Eielson AFB	AK	99702-2299	377-6101	james.post@eielson.af.mil
AK DNR	Div. Of Geological & Geophysical Surveys	David Szumigala, PhD				99709-		
AK Resources & Env. Services Alaska	Geologist	Lyle Greshover	3354 College Rd	Fairbanks	AK	3707	451-5025	david.szumigala@alaska.gov
Communication Systems	Business Sales Mgr	Helen Stewart	PO Box 72215	Fairbanks	AK	99707-2215		acsalaska.com
City of Fairbanks	Clerk's Office	Amber Courtney	800 Cushman St	Fairbanks	AK	99701	459-6793	aboutcortney@ci.fairbanks.ak.us
City of Fairbanks	Fairbanks City Council, Seat A	Vivian Stiver	800 Cushman St	Fairbanks	AK	99701		
City of Fairbanks	Fairbanks City Council, Seat B	Chad Roberts	800 Cushman St	Fairbanks	AK	99701		
City of Fairbanks	Fairbanks City Council, Seat C	Bernard Gatewood	800 Cushman St	Fairbanks	AK	99701		
City of Fairbanks	Fairbanks City Council, Seat D	Jim Matherly	800 Cushman St	Fairbanks	AK	99701		
City of Fairbanks	Fairbanks City Council, Seat E	Lloyd Hilling	800 Cushman St	Fairbanks	AK	99701		
City of Fairbanks	Fairbanks City Council, Seat F	John Eberhart	800 Cushman St	Fairbanks	AK	99701		
City of Fairbanks	Mayor	Jerry Cleworth	800 Cushman St	Fairbanks	AK	99701		
City of Fairbanks	Chief of Staff	Pat Cole	800 Cushman St	Fairbanks	AK	99701		

Company	Department	Name	Address	City	ST	Zipcode	Phone	Email
Doyon, Ltd	Lands & Natural Resources	Sherry Bestard	1 Doyon Place, Ste 300	Fairbanks	AK	99701-2941	459-2000	sherry.bestard@doyon.com
Fairbanks Chamber of Commerce	Executive Director	Lisa Herbert	100 Cushman St., Ste 102	Fairbanks	AK	99701-4615	374-6706	lisa@fairbankschamber.org
Fairbanks Daily News Miner	Media	Dermot Cole	PO Box 70710	Fairbanks	AK	99707-0710	459-7530	cole@newsminer.com
Fairbanks Memorial Hospital	Community Relations & Planning Director	Clover Tiffany	1650 Cowles St	Fairbanks	AK	99701	452-8181	clover.tiffany@bannerhealth.com
Fairbanks Native Association	Planning & Development	Ms. Robyne	605 Hughes Ave, Ste 100	Fairbanks	AK	99701-7539	452-1648	robayne@fairbanksnative.org
FEDCo	Economic Development	Jim Dodson	301 Cushman St, Ste 301	Fairbanks	AK	99701	452-2185	jdodson@ak.net
Federal Aviation Administration	Fairbanks Flight Standards District Office Manager	Donald Steve Lindsey	4419 Airport Way	Fairbanks	AK	99709	474-0276	donald.s.lindsey@faa.gov
FIA	Marketing Director	Angie Spear	6450 Airport Way, Ste. 1	Fairbanks	AK	99709	474-2529	angie_spear@dot.state.ak.us
FNSB	Assembly-A	Matt Want	809 Pioneer Road	Fairbanks	AK	99701		
FNSB	Assembly-B	Diane Hutchison	809 Pioneer Road	Fairbanks	AK	99701		
FNSB	Assembly-C	Natalie Howard	809 Pioneer Road	Fairbanks	AK	99701		
FNSB	Assembly-D	Michael Dukes	809 Pioneer Road	Fairbanks	AK	99701		
FNSB	Assembly-E	Guy Sattley	809 Pioneer Road	Fairbanks	AK	99701		
FNSB	Assembly-F	Nadine Winters	809 Pioneer Road	Fairbanks	AK	99701		
FNSB	Assembly-G	Mike Musick	809 Pioneer Road	Fairbanks	AK	99701		
FNSB	Assembly-H	John Davies	809 Pioneer Road	Fairbanks	AK	99701		
FNSB	Assembly-I	Karl Kassel	809 Pioneer Road	Fairbanks	AK	99701		
FNSB	Assessing	Karl McManus	809 Pioneer Road	Fairbanks	AK	99701		
FNSB/Big Dipper Natural Resources	Parks & Recreation	Michael Bork, Director	809 Pioneer Road	Fairbanks	AK	99701	459-1069	mbork@fnish.us
Conservation Service	District Conservationist	Joanne Kuykendall	590 University Ave, Ste.. B	Fairbanks	AK	99709	479-3159 Ext 1010	joanne.kuykendall@usda.gov
Northern Alaska Environmental Ctr.	Executive Director	Karen Max Kelly	830 College Road	Fairbanks	AK	99701	452-5021	karen@northern.org

Company	Department	Name	Address	City	ST	Zipcode	Phone	Email
SOA - ADF&G	Administrative Officer II	Christine Vaughan	1300 College Rd	Fairbanks	AK	99701-1599	459-7253	christine.vaughan@alaska.gov
State of Alaska	Department of Fish & Game	Jim Simon	1300 College Road	Fairbanks	AK	99701-1599	459-7317	james.simon@alaska.gov
State of Alaska	Division of Mining	Jack Kerin	3700 Airport Road	Fairbanks	AK	99709	451-2736	jack.kerin@alaska.gov
State of Alaska	Office of the Governor	Sean Parnell	675 7th Avenue Station H5	Fairbanks	AK	99701		apoc@alaska.gov
State of Alaska DNR	Natural Resources Land, Fairbanks	Christopher Milles	3700 Airport Way	Fairbanks	AK	99709-4699	451-2711	chris.milles@alaska.gov
State of Alaska Fish and Game Division	Fish Biologist III, Sports Fish Fairbanks (Tanana)	Audra Brase	1300 College Road	Fairbanks	AK	99701-1599	459-7244	audra.brase@alaska.gov
State of Alaska Fish and Game Division	Wildlife Biologist III, Wildlife Fairbanks	Don Young	1300 College Road 122 1st Ave., Ste. 600	Fairbanks	AK	99701-1599	459-7233	don.young@alaska.gov
Tanana Chiefs Conference	Forestry Department Planning & Development	Jeremy Douse	600 122 First Ave, Ste 600	Fairbanks	AK	99701	452-8251	jeremy.douse@tananachiefs.org
Tanana Chiefs Conference	President	Paul Mayo	122 1st Ave., Ste 600	Fairbanks	AK	99701	452-8251	paul.mayo@tananachiefs.org
UAF	Dept of Economics	Jerry Isaac	17101 Pt. Lena Loop Rd	Fairbanks	AK	99701	452-8251	jerry.isaac@tananachiefs.org
University of Alaska Systems	Executive Assistant	Keith Criddle	202 Butrovich Building	Juneau	AK	99801	907-796-5449	kciddle@alaska.edu
University of Alaska, Land Trust	University of Alaska Land Management, Fairbanks Ofc	R. Dianne Taylor	910 Yukon Drive, Suite 106	Fairbanks	AK	99775	907-450-8014	dianne.taylor@alaska.edu
US Congressman Don Young	Special Assistant	Laurie Swartz	101 12th Ave., Rm 212	Fairbanks	AK	99775	450-8133	lkswartz@alaska.edu
Bureau of Land Management	Field Manager	Rhonda Boyles	1150 University Ave.	Fairbanks	AK	99701	978-8571	
US Senator Lisa Murkowski	Special Assistant	Shelly Jacobson	101 12th Avenue, Suite 329	Fairbanks	AK	99709	907-474-2200	Shelly_Jacobson@blm.gov
US Senator Mark Begich	Regional Director	Althea St. Martin	101 12th Avenue, Suite 206	Fairbanks	AK	99701	451-7146	
USDA	Rural Development	Tom Moyer	590 University Ave, Ste A	Fairbanks	AK	99701	456-0261	tom_moyer@begich.senate.gov
State Capitol	Attn: Senate Financial Staff Aide	Kim Wood	1292 Sadler Way, Ste 314	Fairbanks	AK	99709	479-6767	Kim.M.Wood@ak.usda.gov
		Joe Hardenbrook		Fairbanks	AK	99701	456-8161	joe.hardenbrook@legis.state.ak.us

Company	Department	Name	Address	City	ST	Zipcode	Phone	Email
State of Alaska	State Representative-District 11	Tammie Wilson	State Capitol, Room 126	Juneau	AK	99801-1182	488-0857	
State of Alaska	State Representative-District 12	Eric Feige	State Capitol, Room 126	Juneau	AK	99801-1182	888-465-4859	
State of Alaska	State Representative-District 7	Bob Miller	State Capitol, Room 418	Juneau	AK	99801		
State of Alaska	State Representative-District 8	David Guttenberg	State Capitol, Room 418	Juneau	AK	99801	907-465-4457	Representative_David_Guttenberg@legis.state.ak.us
State of Alaska	State Representative-District 9	Scott Kawasaki	State Capitol, Room 430	Juneau	AK	99801	907-465-3466	Representative_Scott_Kawasaki@legis.state.ak.us
State of Alaska	State Senator, District F	John Coghill, Jr.	State Capitol, Room 514	Juneau	AK	99801-1182	907-488-7886	Senator_John_Coghill@legis.state.ak.us
State of Alaska	State Senator-Dist. D	Joe Thomas	State Capitol, Room 115	Juneau	AK	99801-1182	907-465-2327	Senator_Joe_Thomas@legis.state.ak.us
State of Alaska	State Senator-Dist. E	Joe Paskvan	State Capitol, Room 115	Juneau	AK	99801-1182	907-465-3709	Senator_Joe_Paskvan@legis.state.ak.us
City of North Pole	Mayor	Doug Isaacson	125 Snowman Lane	North Pole	AK	99705	488-8584	mayor@northpolealaska.com
City of North Pole	NP City Council	Ronald Jones	2410 San Augustin Drive	North Pole	AK	99705	488-3579	ronaldjones@gci.net
City of North Pole	NP City Council	Thomas McGhee	1152 North Star Drive	North Pole	AK	99705	455-0010	cherokeeidermc@acsalaska.net
City of North Pole	NP City Council Member	Derrick Nelson	1051 Refinery Loop	North Pole	AK	99705	490-2446	kmccarthy@northpolealaska.com
City of North Pole	NP City Council, Deputy Mayor Pro Tem	Dianna Lindhag	PO Box 56236	North Pole	AK	99705	388-5273	dlindhag@northpolealaska.com
City of North Pole	NP City Council, Mayor Pro Tem	Sharon Hunter	322 Crossway	North Pole	AK	99705	488-4282	shunter@northpolealaska.com
City of North Pole	NP City Council Member	Bryce Ward	606 E. 5th Ave	North Pole	AK	99705	488-7314	bonnie.arnold@bannerhealth.com
City of North Pole	NP City Council Member	Richard C. Holm	167 Santa Claus Lane	North Pole	AK	99705	488-8555	nprxlab@hotmail.com
US Congress	United States House of Representatives	Honorable Donald E. Young	2111 Kayburn Building	Washington	DC	20515-0201	202-225-0425	https://donyoung.house.gov/Contact/default.aspx
US Congress	United States Senate	Honorable Lisa Murkowski	709 Hart Building	Washington	DC	20510-0202	202-224-6665	http://murkowski.senate.gov/public/index.cfm?m?P=E-Mail_Lisa
US Congress	United States Senate	Honorable Mark Begich	111 Russell Senate Office Bldg	Washington	DC	20510	202-224-3004	http://begich.senate.gov/public/index.cfm?P=E-Mail_Senator
Conservation Fund	AK Representative	Brad Meiklejohn	2727 Highland Rd	Eagle River	AK	99577	907 694 9060	BradMeiklejohn@aol.com

Company	Department	Name	Address	City	ST	Zipcode	Phone	Email
US Army Environmental Command	Army CompatibleUse Buffer Program	Virginia R. Busby	5179 Hoadley Rd, Bldg 4460	APG	MD	21010	410 436 1207	http://aec.army.mil/usacc/acub/index.html
US Army Alaska	Deputy Chief of Staff	Mollie TeVrucht	724 Postal Service Loop #5000	Joint Base Elmendorf-Richardson	AK	99505-5000	384-9005	mollie.tevrucht.civ@mail
ADF&G	Division of Wildlife Conservation	Roy Nowlin	1300 College Road	Fairbanks	AK	99701-1551	459-7206	roy.nowlin@alaska.gov
JBER	J421/Chief, Engineer Programs	James T. Spell	9480 Pease Ave, Site 303	JBER	AK	99506	552 1695	james.spell@elmendorf.af.mil
USAG FWA	DPW Master Planning, Bldg 3015	Kate Siftar	1060 Gaffney Road #4500	Fort Wainwright	AK	99703-4500	361 3315	kathleen.d.siftar.civ@mail.mil
USAG FWA	PAIO, Bldg 1555	Angela Major	1060 Gaffney Road, #6000	Fort Wainwright	AK	99703-4500	353 7623	angela.m.major.mil@mail.mil
Salcha-Delta Soil and Water Conservation District								
USAG Fort Wainwright	Commander, Bldg 1555	Jeff Durham	PO Box 547	Delta Junction	AK	99737	907 895 6279	jeffidswd@wildak.net
IMCOM Pacific	Public Works	Col Ronald M. Johnson	1060 Gaffney Road #6000	Fort Wainwright	AK	99703-6000	353-7660	ronald.m.johnson26.mil@mail.mil
IMCOM Pacific	Plans/G5	Jonathan Wung	IMPC-PWM BLDG 200	Fort Shafter	HI	96858	808-438-9753	jonathan.w.wung.civ@mail.mil
Bureau of Land Management	Acting Alaska Fire Service Manager	David Zuckerman	132 YAMANAGA STREET	Fort Shafter	HI	96858	808-438-1720	david.l.zuckerman.civ@mail.mil
State Capitol	State Representative-District 6	Kent Slaughter	PO Box 35005	Fort Wainwright	AK	99703	356-5511	kslaught@blm.gov
State Capitol	State Representative-District C	Alan Dick	State Capitol, Room 104	Juneau	AK	99801-1182	907-465-4527	Representative_Alban_Dick@legis.state.ak.us
State Capitol	State Representative-District 10	Albert Kookesh	State Capitol, Room 11	Juneau	AK	99801-1182	888-288-3473	Senator Albert Kookesh@legis.state.ak.us
168th Air Refueling Wing (CC)	Colonel, USAF	Lyman F. Hoffman	State Capitol, Room 518	Juneau	AK	99801-1182	907-465-4453	Senator Lyman Hoffman@legis.state.ak.us
Washington Office of the Governor	Director	Scott Wenke	2680 Flight Line Ave.	Eielson AFB	AK	99702-2299	377-8711	scott.wenke@eielson.af.mil
US Army Corps of Engineers	Field Office Supervisor	John Katz	444 North Capitol Street, Ste 336	Washington	D.C.	20001-1512	202-624-5858	
		Ben Sioseth	2175 University Ave.	Fairbanks	AK	99709-4927	907-474-2166	benjamin.n.soiseth@usace.army.mil

Company	Department	Name	Address	City	ST	Zipcode	Phone	Email
US Army Corps of Engineers	Resident Engineer	Phil Salmon	1060 Gaffney Road, #4500	Fort Wainwright	AK	99703	907-361-7968	Philip.L.Salmon@poa02.usace.army.mil
11th Air Force (CC)/Alcom (CC)	Lt Gen, USAF	Stephen L. Hoog	9480 Peace Ave, Suite 110	Elmendorf AFB	AK	99506	552-2100	11af.cce2@elendorf.af.mil
11th Air Force	Planner	Randy D. Barker	10471 20th St, Ste 357	Elmendorf AFB	AK	99506		
Army Corps of Engineers	Chief of Real Estate	Thomas Kretschmar	P.O. Box 6898	JBER	AK	99056-0898	753-2859	thomas.kretschmar@usace.army.mil
Alaska Dispatch	Publisher	Alice Rogoff	2301 Merrill Field Dr.	Anchorage	AK	99501	907-743-0744	alice@alaskadispatch.com
Alaska Journal of Commerce	Regional Vice President	Lee Leschper	301 Arctic Slope Avenue, Ste 350	Anchorage	AK	99518	907-275-2168	lee.leschper@morris.com
Department of Environmental Conservation	Commissioner	Larry Hartig	P.O. Box 111800	Juneau	AK	99811-1800	907-465-5066	dec.commissioner@alaska.gov
Alaska State Troopers	Commander	Captain Burke Barrick	1979 Peger Road	Fairbanks	AK	99709	907-451-5100	burke.barrick@alaska.gov
Alaska Department of Military and Veterans Affairs	Commissioner	MG Thomas H. Katkus	PO Box 5800 Camp Denali	Fort Richardson	AK	99505	907-428-6003	thomas.katkus@us.army.mil
Office of Economic Adjustment	Project Manager	Richard Solander	1325 J Street, Suite 1500	Sacramento	CA	95814	916-557-7365	richard.solander@wso.wis.mil
City of Delta Junction	City Administrator	Mike Tvenge	PO Box 229	Delta Junction	AK	99737	907-895-4375	city@ci.delta-junction.ak.us
Fairbanks Soil & Water Conservation District	District Coordinator	Joni Scharfenberg	590 University Ave., Suite 2	Fairbanks	AK	99709	907-479-1213	joniisc@gmail.com
US Fish & Wildlife Service	Fish & Wildlife Biologist	Bob Henszey	101 12th Avenue, Room 110	Fairbanks	AK	99701	907-456-0323	Bob_Henszey@fws.gov
Arctic Audubon	President	Gail Mayo	PO Box 82098	Fairbanks	AK	99708	907-479-2954	arcticaudubon@gmail.com
Alaska Outdoor Council	Executive Director	Rob Amo	310 K Street	Anchorage	AK	99501		membership@alaskaoutdoorcouncil.org
Alaska Professional Hunters Assoc.	Executive Director	Bobby Fithian	HC 60 Box 299C	Copper City	AK	99573	907-822-3410	office@alaskaprohunter.org
Clear Sky Sportsman's Club		Lolita Valcq	HC 66 Box 27999	Nenana	AK	99760		rockcreek@mtaonline.net
Delta Sportsman's Assoc.		Mike Bender	PO Box 1309	Delta Junction	AK	99737	907-895-4725	bendercues@wildak.net
Fairbanks Area Hiking Club	President	Paul McCarthy	PO Box 80954	Fairbanks	AK	99708	907-479-8757	fahc_list@yahoo.com

Company	Department	Name	Address	City	ST	Zipcode	Phone	Email
Fairbanks Paddlers		Kris Capps	PO Box 83329	Fairbanks	AK	99708	907-457-4324	kcapps@mtaonline.net
Fairbanks Snow Travelers Assoc.		Jody Formon	PO Box 80053	Fairbanks	AK	99708	907-451-5668	jody@snowtravelers.org
Interior Air Boaters Assoc.		Betty Redfern	4640 Dale Road	Fairbanks	AK	99709	907-388-0680	bredfern@alaska.net
Interior Alaska Land Trust			PO Box 84169	Fairbanks	AK	99708		interiorAKLand@gmail.com
Interior Alaska Trail Riders		Beth Patterson	720 Bennett Road	Fairbanks	AK	99712		missbethb@acsalaska.net
Northern Lights Snowmobile Club		Ken Russell	3410 Liberty Ct	North Pole	AK	99705	907-978-4124	nlsnowmobileclub@yahoo.com
Nordic Ski Club of Fairbanks		Mike O'Brien	PO Box 80111	Fairbanks	AK	99708	907-479-5017	membership@nscfairbanks.org
Tanana Valley Rifle & Pistol Club		Grant Lewis	PO Box 70669	Fairbanks	AK	99707	907-388-4359	grantandpamlewis@alaska.net
Alaska Miners Association	Chairman	Rich Hughes	PO Box 73069	Fairbanks	AK	99707	907-563-9229	ama@alaskaminers.org
Chambers Natural Resource Committee	Chairman	Paul Metz	100 Cushman St., Ste 102	Fairbanks	AK	99701		pametz@alaska.edu

**Committee of the Whole – 6:30 P.M.
Regular City Council Meeting – 7:00 P.M.**

A regular meeting of the North Pole City Council was held on Monday, March 5, 2012 in the Council Chambers of City Hall, 125 Snowman Lane, North Pole, Alaska.

CALL TO ORDER/ROLL CALL

Mayor Isaacson called the regular City Council meeting of Monday, March 5, 2012 to order at 7:00 p.m.

There were present:

**Mr. Holm
Ms. Hunter
Mr. Jones
Mr. McGhee
Mr. Nelson
Mr. Ward
Mayor Isaacson**

Absent/Excused

PLEDGE OF ALLEGIANCE TO THE U.S. FLAG

Led by Mayor Isaacson

INVOCATION

Invocation was given by Mr. McGhee

APPROVAL OF AGENDA

Mr. McGhee moved to Approve the Agenda of March 5, 2012

Seconded by Mr. Jones

Mr. McGhee moved to Amend the agenda to treat items a – e under Old Business as one item and under New Business - items b – j as one item and consent a) and l)

Discussion

None

On the amendment

PASSED

YES –7– Holm, Nelson, Ward, Jones, Hunter, McGhee, Isaacson

NO – 0 -

Abstained- 0

On the main motion as amended

PASSED

YES –7– Holm, Nelson, Ward, Jones, Hunter, McGhee, Isaacson

NO – 0 -

Abstained- 0

APPROVAL OF MINUTES

Mr. McGhee moved to Approve the minutes of February 21, 2012

Seconded by Mr. Jones

Discussion

None

PASSED

YES –7– Holm, Nelson, Ward, Jones, Hunter, McGhee, Isaacson

NO – 0 -

Abstained- 0

COMMUNICATIONS FROM THE MAYOR

Communication Highlights from the Mayor for the period ending Mar 5, 2012

GENERAL:

- **The Status of Eielson:** Here is a list of some of the actions taken since our last meeting:

G JUST HAPPENED! Tonight, CS for HB 307 passed without objection. House Finance Co-Chair Bill Thomas read across a two-year appropriation for \$300,000 this and again for next year to allow the Governor to hire consultants, as part of a “fast track” supplemental bill HB 307, that also included disaster relief for Alaska communities hit hard this winter.

G JUST HAPPENED! Tonight, HB 316 passed without objection: Military Facility Zones, which will stimulate businesses in proximity to military bases. Sponsor Rep Thompson described the bill, stating, “Military facility zones create opportunities for significant benefits to Alaska and the nation. They will enhance economic activity near military installations and thereby facilitate economic growth and development in the state, especially where local governments are working in close partnership with their military counterparts. The zones promote expansion of infrastructure to benefit both military and civilian objectives, such as civil defense, homeland security and emergency response. They will enhance the nation's military capabilities by helping bases operate more effectively and efficiently.” This may prove significant to North Pole.

G SB 222, supporting the Governor’s request for \$300,000 for hiring “a consulting firm to develop strategies for retention of military installations affected by the next base realignment and closure

announcement” will have a hearing Tuesday, March 6 at 9 am. I will be at the LIO to testify in support.

G I have asked the Chair of NPEDC, Paul Brown, to help me pursue funding to hire a consultant to examine the impact the announced moves will have on City businesses and City revenues. As I get more understanding of how we can both fund and leverage this study, I will bring it to the Council.

G The Military-Civilian leadership have met and discussed the latest information available. Of particular note is the expectation that the issue facing the upcoming April 10-13 Site Analysis Task Force (SATF) may be divided into two events: 1) the immediate move of the F-16s and supported staff in FY13 (Oct 2012-Sep 2013) and further moves after that.

G I met with Sen. Murkowski’s staff who is working on ensuring the community has access to the SATF when they are here in April; Sen Begich is working on the legality of whether or not the military can move more than 1000 airmen without the consent of Congress, and whether or not an environmental analysis is required before any movement that increases air traffic, etc, in Anchorage.

G Sen Begich addressed a joint meeting of the Legislature this morning pledging his commitment, along with Sen Murkowski and Rep Young, to resist the move of F16s from Eielson does not occur.

G The three mayors have met to discuss the formation of what Mayor Hopkins terms, the “Tiger Task Force” composed of the mayors and key civilian leaders.

G Mayor Hopkins has requested a total of \$120,000 from the Assembly to hire a consultant to examine impacts on the borough. Ordinance 2011-20-2S will be open for public discussion this Thursday, March 8 at the Regular Borough Assembly meeting.

- Alaska Municipal League (AML) Legislative Report: Council members, if you are on an AML subcommittee, remember to participate in the bi-weekly committee teleconferences. Meeting reminders will be sent via e-mail to all subcommittee members. If you don’t get an email, call AML directly to be put on the notification lists. If you want to attend these teleconference events and need the phone number and call pin number, let me know.

Revenue & Finance

2nd & 4th Wednesday @ 1:30pm

Dates: March 14 & 28, April 10

Education, Local Government & Public Services

1st & 3rd Tuesday @ 11:00am

Dates: March 6 & 20, April 3

Land Use, Resources & Economic Development

1st & 3rd Wednesday @ 9:00am

Dates: March 7 & 21, April 4

Public Works & Infrastructure

2nd & 4th Thursday @ 10:30am

Dates: March 8 & 22, April 12

- The Status of Energy Relief and Projects: Here’s a list of current legislative initiatives for Energy Relief for the Interior:

Description	Bill Number	Sponsor	Status	Comments
Gas Storage Tax Credit	SB 153/ HB 289	Thomas/Thompson	HB Ref’d to Finance 2/29, has more co-sponsors	I sent letter of support for HB289

Conversion Loan	SB 154 HB 312	Thomas/T. Wilson	Both versions sit in Finance cmte	
Energy Efficiency Grant	HB 323	T. Wilson	Hearing in Energy Cmte Mar 6, 3pm	I sent a letter of support
Energy Cost Buy Down	SB 99	Paskvan	No current activity, sits in Senate Finance	Intro'd last March, it's to provide heating fuel price relief
Energy Rebate	SB 133	Thomas	No current activity, sits in Sen. Resources	Intro'd last April to authorize energy rebate for PFD recipients
Energy Voucher	SB 203/ HB 336	Thomas / Thompson	Heard/Held in Sen Finance; Hearing Mar 6 3pm in House Energy	Voucher for 250 gals of heating oil or energy equivalent
Beluga to FBKS pipeline study	HB 308	Miller	Sits in House Energy, added co-sponsors,	may be surpassed by SB 215.
Cook Inlet to FBKS pipeline	SB 215	Thomas, Paskvan	Sits in Senate Resources, added co-sponsors	
Production Tax Credit – Nenana	SB 145/ HB 276	Coghill / Thompson	Sits in Senate Resources, will be heard in House Resources Mar 12, 1 pm	Co-sponsors added in both houses
Gas Distribution PESR	Capital Request		Permitting, rights of way, and engineering study	Request \$32.9 million. 3 mayors, FEDC letter of support

Remember: I have emailed to Council and others the Preliminary Natural Gas Distribution Study for review. Keep in mind, the product is an initial 30-day look, not a finished product. The goal is to provide the Legislature with some factual data in order to secure funding for a build-out that would enable our residents to have maximum capability to connect to natural gas. The study shows the build-out can reach 80% of our population within 5 years. If you would like a copy of this report, go to www.fnsb.us, under “What’s Happening Now...”

If you would like to be a part of the discussion, an Energy Task Force meets EVERY Tuesday morning at 8 a.m. at FEDC’s office, corner of Cushman & 3rd St, 3rd floor.

• Gas Pumping and Pricing in North Pole:

• Various Meetings in addition to those mentioned above, included:

- weekly at NPMS giving “Words of Wisdom” and interaction with students and staff
- interactions with DEC regarding the status of sulfolane and mitigation efforts
- met with other community leaders to interact with Wayne Dyok of AEA regarding the status of Susitna
- attended two funerals: Eleanor Barrett and young Patrick Trometter
- attended reception for Karen Lane who is leaving the FCVB in order to manage the Arctic Winter Games 2014 Host Society
- attended the ribbon cutting ceremony for the Wounded Warrior Battalion’s new facilities on Ft. Wainwright
- attended retirement functions for Deputy Commander, USARAK, Col Mark Lowe, presented him with gift coin from City of North Pole
- met with community members on issues related to snow plowing and snow dumping
- participated in the Mt. McKinley North Pole Sled Dog Championships, produced by NPEDC, and was the Sunday announcer and MC for the Awards ceremony
- participated in GFCC and AWG 2014 Board meetings
- have started efforts on several events, including North Pole Choose Respect Rally-March 29 @ Hotel North Pole, Nancy Uptgraft is Event Coordinator; North Pole Seniors Appreciation Luncheon-Mar 30, City Clerk Kathy Weber is Event Coordinator; North Pole Mayor’s Art Show-April 10 @ City Hall, NPMS Art Teacher Scott Hanson is Event Coordinator—for 10th year in a row! North Pole Open House (in coordination with Cruis’n with Sana)-May 19, Engineer Kyle Green and Nichole Blizinski are Event Coordinators.

MEDIA:

Feb 25 & Mar 3 Mayor Isaacson was on KJNP (1170 AM, 100.3 FM) 8 – 9 a.m. “Over the Coffee Cup.”

UPCOMING (see above for other events, dates, and times)

- **Mar 10, 1:30 pm:** Community Town Hall with Rep Tammie Wilson @ NPCH
- **Mar 12, 5:30 pm:** Tanana Chiefs Conference Annual Convention. Community Welcome @ David Salmon Tribal Hall. Area mayors will greet the Convention Mar 13.
- **Mar 14, 6 pm:** Itadori Sister City Meets @ NPCH .
- **Mar 16, 5-9 pm:** Third Friday Art Show @ the North Pole Grange. The show continues on Saturday, Mar 17, 1-4 pm

COUNCIL MEMBER QUESTIONS OF THE MAYOR

None

COMMUNICATIONS FROM DEPARTMENT HEADS, BOROUGH REPRESENTATIVE AND THE CITY CLERK

Fire Dept

- None

Police Department

- Lt. Dutra gave a presentation. See attachments.

Accountant, Lisa Vaughn

- Auditors will be here on Monday. If council wants to speak to them she would suggest sometime on Thursday, as they will have had a few days to get into their work. They will be leaving Friday afternoon.
- Last week, a student from Eielson spent 5.5 hours with Ms. Vaughn doing a job shadow as required by a class she was taking. The student told her that while she was not the first place she called, Ms. Vaughn was the only one that said yes. The student said the other places implied that she would just be in the way.

FNSB Representative

FNSB ASSEMBLY MEETING:

- The FNSB Assembly met on Thursday, Feb 23. ORDINANCE NO. 2012-09: "An Ordinance Amending FNSB 8.21.020 To Provide For The Addition Of Appliances To The Qualifying List If The Appliance Meets The Emissions Standard Of A Listed Appliance And Adding A Visible Emissions Standard To The Prohibited Acts Including Violation Of The Standard To The Fine Schedule" was passed on a 5-4 vote, which means that certain standards and penalties for non-compliance will go into effect on October 29 if the current citizen's initiative prohibiting Borough action is not again on the ballot and approved by the voters.
- RESOLUTION NO. 2012-11: "A Resolution Urging The Alaska Delegation To The 112th Congress In Washington D.C. To Use Their Power And Influence To Convince The United States Department Of Defense To Preserve Eielson Air Force Base And Military Personnel Stationed There For The Defense And Protection Of The State And The Nation" was passed on consent.

The next regular FNSB Assembly meeting is scheduled for March 8 at 6 pm. The following Agenda items will be of interest to North Pole:

- As mentioned above, ORDINANCE NO. 2011-20-2S. An Ordinance Amending The FY2011-12 Budget By Appropriating \$98,580 From The General Fund Fund Balance To The Multi-Year General Subfund For The Purpose Of Funding The Fairbanks North Star Borough Efforts To Respond To The Department Of Defense Announcement Of Significant Reductions At Eielson Air Force Base And Waiving Title 16 Requirements For All Expenditures Of Those Funds.

- On Consent: RESOLUTION NO. 2012-13. A Resolution Supporting a Capital Appropriation for Engineering, Permitting and Right Of Way for a Natural Gas Distribution System in the Fairbanks North Star Borough.
- RESOLUTION NO. 2012-15. A Resolution Supporting An Appropriation To The Department Of Military And Veterans Affairs To Begin Work Immediately To Preserve Eielson Air Force Base.

For a list of meeting times and agendas, go to <http://co.fairbanks.ak.us/meetings/Assembly>.

Director of City Services, Bill Butler

Building Department

- Building Department code amendments are before Council this evening for consideration
- Residential building permit applications may begin being submitted later this month or early April
 - No clear indications for the construction market this season

Public Works

- Had a snow plowing since last Council meeting and anticipate another plowing if the weather forecast is accurate—2” to 6” forecast by later Tuesday
- DOT plans to remove the berms along Santa Claus Lane that separate the sidewalks from the street
 - Original plan was to remove them early this week but the weather forecast may change this plan
 - DOT is challenged by the lack of a snow dump in the area

Utility Department

- Revisions to Title 13, Utility Department are before the Council this evening for a second reading
- Annual utility report should be in utility bills customers will be receiving over this week
 - Copy of the annual report is attached for your review
- Finalizing the contract with the contractor for the Utility garage

Goal is to break ground shortly after the snow clears

City Clerk

February 21, 2012

- Tammy Wilson will be at City Hall on Saturday, March 10th from 2 – 4 pm to talk with constituents.
- Arctic Winter Games are going on this week and our own North Pole Police Detective, Stan Swetzof is competing again this year in Whitehorse.
- Keep in mind that we are putting our Health Plan out to bid this year. We have had some issues with Cigna and claims processing. The quotes should be in by the end of this month and we will need to move quickly on it as our policy ends on June 30th.

- The State of Alaska has awarded the statewide vehicle rental contract to Budget Rent a Car. This contract covers rentals in Anchorage, Fairbanks, and Juneau. The contract is available to all state agencies and political subdivisions (cities, borough, schools, and universities). This will be a cost saving to for all employees of the city. Please remember that all travel must be books through myself or Tricia Fogarty.

ONGOING PROJECTS

None

CITIZENS COMMENTS – 5 Minutes

Merrick Pierce – P.O. Box 10045

8:03 p.m. - Mr. Pierce spoke to HB9.

Jeff Samuel - 2888 Doughchee

8:10 p.m. – Mr. Samuel spoke to his perspective of the poor snow removal in his neighborhood.

OLD BUSINESS

ORDINANCE 12-01, AN ORDINANCE OF THE CITY OF NORTH POLE TO AMEND TITLE 13, PUBLIC SERVICES, SECTION 13.08, ADMINISTRATIVE PROVISIONS

ORDINANCE 12-02, AN ORDINANCE OF THE CITY OF NORTH POLE TO AMEND TITLE 13, PUBLIC SERVICES, SECTION 13.12, CUSTOMER SERVICE

ORDINANCE 12-03, AN ORDINANCE OF THE CITY OF NORTH POLE TO AMEND TITLE 13, PUBLIC SERVICES, SECTION 13.16, WATER SERVICES

ORDINANCE 12-04, AN ORDINANCE OF THE CITY OF NORTH POLE TO AMEND TITLE 13, PUBLIC SERVICES, SECTION 13.24, UTILITY RATES

ORDINANCE 12-05, AN ORDINANCE OF THE CITY OF NORTH POLE TO AMEND TITLE 13, PUBLIC SERVICES, SECTION 13.28, LIEN ON REAL ESTATE FOR DELINQUENT UTILITY PAYMENTS AND ACCOUNT RESOLUTION PROCEDURES

Public Comment

None

Mr. McGhee *moved to* Approve Ordinance 12-01, An Ordinance Of The City Of North Pole To Amend Title 13, Public Services, Section 13.08, Administrative Provisions, Ordinance 12-02, An Ordinance Of The City Of North Pole To Amend Title 13, Public Services, Section 13.12, Customer Service, Ordinance 12-03, An Ordinance Of The City Of North Pole To Amend Title 13, Public Services, Section 13.16, Water Services, Ordinance 12-04,

An Ordinance Of The City Of North Pole To Amend Title 13, Public Services, Section 13.24, Utility Rates, Ordinance 12-05, And An Ordinance Of The City Of North Pole To Amend Title 13, Public Services, Section 13.28, Lien On Real Estate For Delinquent Utility Payments And Account Resolution Procedures

Seconded by Mr. Jones

Mr. McGhee *moved to* Amend Ordinance 12-04 under Senior Multi Family residential for per gallon water from \$0.01550 to \$0.00775 and per gallon sewer charge from \$0.01014 to \$0.00507

Seconded by Mr. Holm

Discussion

None

PASSED

YES – 7 – Holm, Ward, Jones, Hunter, Nelson, McGhee, Isaacson

NO – 0

Abstained - 0

NEW BUSINESS

ORDINANCE 12-06, AN ORDINANCE OF THE CITY OF NORTH POLE AMENDING TITLE 15, BUILDING & CONSTRUCTION, CHAPTER 15.04, ADMINISTRATIVE CODE

ORDINANCE 12-07, AN ORDINANCE OF THE CITY OF NORTH POLE AMENDING TITLE 15, BUILDING & CONSTRUCTION, CHAPTER 15.12, BUILDING CODE

ORDINANCE 12-08, AN ORDINANCE OF THE CITY OF NORTH POLE AMENDING TITLE 15, BUILDING & CONSTRUCTION, CHAPTER 15.20, RESIDENTIAL CODE

ORDINANCE 12-09, AN ORDINANCE OF THE CITY OF NORTH POLE AMENDING TITLE 15, BUILDING & CONSTRUCTION, CHAPTER 15.28, MECHANICAL CODE

ORDINANCE 12-10, AN ORDINANCE OF THE CITY OF NORTH POLE AMENDING TITLE 15, BUILDING & CONSTRUCTION, CHAPTER 15.36, ELECTRICAL CODE

ORDINANCE 12-11, AN ORDINANCE OF THE CITY OF NORTH POLE AMENDING TITLE 15, BUILDING & CONSTRUCTION, CHAPTER 15.42, PLUMBING CODE

ORDINANCE 12-12, AN ORDINANCE OF THE CITY OF NORTH POLE AMENDING TITLE 15, BUILDING & CONSTRUCTION, CHAPTER 15.50, FIRE CODE

**ORDINANCE 12-13, AN ORDINANCE OF THE CITY OF NORTH POLE AMENDING
TITLE 15, BUILDING & CONSTRUCTION, CHAPTER 15.82, FUEL GAS CODE**

**ORDINANCE 12-14, AN ORDINANCE OF THE CITY OF NORTH POLE AMENDING
TITLE 15, BUILDING & CONSTRUCTION, CHAPTER 15.90, ENERGY CODE**

Bill Butler, Director of City Services, went through each ordinance with council, explaining the amendments to the code.

Public Comment

None

Mr. Jones moved to Introduce and Advance Ordinance 12-06, An Ordinance Of The City Of North Pole Amending Title 15, Building & Construction, Chapter 15.04, Administrative Code, Ordinance 12-07, An Ordinance Of The City Of North Pole Amending Title 15, Building & Construction, Chapter 15.12, Building Code, Ordinance 12-08, An Ordinance Of The City Of North Pole Amending Title 15, Building & Construction, Chapter 15.20, Residential Code, Ordinance 12-09, An Ordinance Of The City Of North Pole Amending Title 15, Building & Construction, Chapter 15.28, Mechanical Code, Ordinance 12-10, An Ordinance Of The City Of North Pole Amending Title 15, Building & Construction, Chapter 15.36, Electrical Code, Ordinance 12-11, An Ordinance Of The City Of North Pole Amending Title 15, Building & Construction, Chapter 15.42, Plumbing Code, Ordinance 12-12, An Ordinance Of The City Of North Pole Amending Title 15, Building & Construction, Chapter 15.50, Fire Code, Ordinance 12-13, An Ordinance Of The City Of North Pole Amending Title 15, Building & Construction, Chapter 15.82, Fuel Gas Code, Ordinance 12-14, An Ordinance Of The City Of North Pole Amending Title 15, Building & Construction, Chapter 15.90, Energy Code

Seconded by Mr. McGhee

Discussion

None

Mr. McGhee moved to Amend Ordinance 12-12, An Ordinance Of The City Of North Pole Amending Title 15, Building & Construction, Chapter 15.50, Section 020, Fire Code to read as follows:

15.50.020 Modifications.

The building official in consultation with ~~The~~ chief of the fire department shall have the power to modify any of the provisions of the *International Fire Code* adopted by this chapter upon application in writing by the owner or lessee or his duly authorized agent, when there are practical difficulties in the way of carrying out the strict letter of the code; provided, that the spirit of the code is observed, public safety secured, and substantial justice done. The particulars of the modification, when granted or allowed, and the decision of the chief of the fire department thereon shall be entered upon the records of the department, and a signed copy shall be furnished the applicant.

Seconded *by* Jones

PASSED

YES – 7 – Holm, Ward, Jones, Hunter, Nelson, McGhee, Isaacson

NO – 0

Abstained – 0

On the main motion as amended

PASSED

YES – 7 – Holm, Ward, Jones, Hunter, Nelson, McGhee, Isaacson

NO – 0

Abstained – 0

RESOLUTION 12-03, A RESOLUTION URGING THE ALASKA LEGISLATURE TO REFRAIN FROM ENACTING ANY LEGISLATION THAT WOULD INCREASE THE STATE'S PENSION LIABILITY

Mayor Isaacson explained the Resolution and urged the council to support it.

Public Comment

None

Mr. Holm *moved to* Approve Resolution 12-03, A Resolution Urging The Alaska Legislature To Refrain From Enacting Any Legislation That Would Increase The State's Pension Liability

Seconded *by* Mr. Ward

Discussion

None

PASSED

YES – 7 – Holm, Ward, Jones, Hunter, Nelson, McGhee, Isaacson

NO – 0

Abstained = 0

RESOLUTION 12-05, A RESOLUTION OF THE CITY OF NORTH POLE TO ISSUE CITY OF NORTH POLE GENERAL OBLIGATION SPECIAL ASSESSMENT REFUNDING BONDS, 2012 IN THE PRINCIPAL AMOUNT OF NOT TO EXCEED \$835,000 TO REFUND CERTAIN OUTSTANDING SPECIAL ASSESSMENT BONDS OF THE CITY, FIXING CERTAIN DETAILS OF SUCH BONDS AND AUTHORIZING THEIR SALE, AND PROVIDING FOR RELATED MATTERS

Mayor Isaacson said that the City would be saving approximately \$50,000. Further information would be given by Cheryl Brooking of

Public Comment

None

Mr. McGhee *moved to Approve Resolution 12-05, A Resolution Of The City Of North Pole To Issue City Of North Pole General Obligation Special Assessment Refunding Bonds, 2012 In The Principal Amount Of Not To Exceed \$835,000 To Refund Certain Outstanding Special Assessment Bonds Of The City, Fixing Certain Details Of Such Bonds And Authorizing Their Sale, And Providing For Related Matters*

Seconded by Mr. Jones

Discussion

Ms. Hunter asked if the up-front cost would come out of this year's budget.

Ms. Vaughn said that it would and that the city would be reimbursed from the bond savings.

PASSED

YES – 6 – Holm, Ward, Hunter, Nelson, McGhee, Isaacson

NO – 1 - Jones

Abstained - 0

COUNCIL COMMENTS

Mr. Jones – thanks citizens for sticking it out tonight. He also thanked Lt. Dutra on the presentation he did and enlightening the Finance Committee. He said there are issues with the snow removal and that it hasn't been done very well this year and his mailbox has been knocked down. Eielson is still in his radar and he is keeping everyone advised on what's going on. Red Flag is still a viable entity.

Ms. Hunter – thanked Lt. Dutra for his presentation. She has had snow removal problems this year too and has questions of what can they expect from the contractor.

Mr. Nelson – thanked everyone for coming out and would like to have more updates on the bonds.

Mr. McGhee – he has no complaints with the snow removal and hasn't had any problems in 18 years. He feels that driveways are the owners responsibility. He thanked Lt. Dutra for his presentation and how it was broken down. He thanked Mr. Jones for his report and asked if this was anything more than lobbying for the City. He would like to see issues of the City brought before the legislators. He said it was a good meeting and thanked the council for bundling up some of the ordinances to save time and money. He does not agree with the mayor to help NPEDC to do a study on what will happen if EAFB closes. He urged everyone to be careful with the current weather conditions.

Mr. Ward – thanked everyone for coming and urged everyone to be careful with the weather

moving in. Thanked the employees that go the extra mile and appreciates it.

Mr. Holm – thanked Lt. Dutra for his report and will have more questions later.

Mayor Isaacson – appreciates the Finance committee for meeting. He thanked Lt. Dutra for keeping his presentation down and taking testimony seriously. He said that archives are an issue that are important to the city. The Clerk is keeping good track of requests and reminds him that the city needs archiving software.

As far a lobbying, there are 3 people from the City on the board and with our small population we have a big influence with the state. AML is a lobbying group and we'll see what happens. The mayor disagreed with Mr. McGhee in that he feels that the city would benefit from doing a study on EAFB moving to Anchorage.

ADJOURNMENT

Mr. Jones *moved to adjourn the meeting of March 5, 2012*

Seconded by Ms. Hunter

No Objection

The regular meeting of March 5, 2012 adjourned at 9:21 p.m.

These minutes passed and approved by a duly constituted quorum of the North Pole City Council on Monday, March 19, 2012.

DOUGLAS W. ISAACSON, Mayor

ATTEST:

KATHRYN M. WEBER, MMC, City Clerk

To All Fairbanks Residents,

By bringing the Natural Gas to Fairbanks, we can bring the cost of living down. This can be done. All that we need to do is convince our interior legislators to make this happen. Heating and Electricity is what usually is most often mentioned and at the top of the list.

What this means is that costs will come down for everyone; men on the street, renters, home owners, and business owners. Not just for Fairbanks, but for anyone and everyone needing services from Fairbanks, including all outlying villages, whether it be the Rampart population or the Nulato population. All Doyon, Limited shareholders and Tanana Chiefs Conference recipients would all benefit. From the homeless to the millionaires all will benefit.

Only your combined voice can bring this about. Your newsletters and newspapers all need to come together. Call or write to your legislators; from Juneau to Washington. We can start small but we must finish with a blast! We must be victorious at all cost. This is for our children, grandchildren, and great grandchildren! Write and get them to work together! Don't let them forget that you elected them! They work for *you*. They asked for your vote and they promised they would for you.

Sincerely,

Robert (Bob) Attla

Fairbanks

RECEIVED
MAR 07 2012
CITY OF NORTH POLE
Killebrew

Robert H. Attla

**Office of the Mayor
Fairbanks North Star Borough
Alaska**

Proclamation

WHEREAS, since 1926, our country traditionally commemorates and celebrates the contributions of African Americans during February; and

WHEREAS, since our nation's bicentennial in 1976, each president has issued proclamations declaring February as Black History Month; and

WHEREAS, African Americans have contributed significantly to the economic, cultural, spiritual and political development of the Fairbanks North Star Borough; and

WHEREAS, African Americans continue to distinguish themselves as citizens of our community and contribute to the success of our borough, state and nation; and

WHEREAS, all citizens will benefit from an accurate portrayal of Black History; and

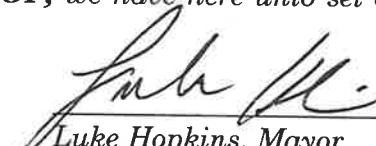
WHEREAS, the community should honor the heritage and history of African Americans with celebrations, performances, gatherings, guest speakers and displays:

NOW, THEREFORE, I, Luke Hopkins, Mayor of the Fairbanks North Star Borough, and I, Jerry Cleworth, Mayor of the City of Fairbanks, and I, Douglas W. Isaacson, Mayor of the City of North Pole, Alaska, by the authority vested in us, do hereby proclaim


**FEBRUARY 2012
as
BLACK HISTORY MONTH**

throughout the Fairbanks North Star Borough.


IN WITNESS WHEREOF, we have here unto set our hands this 1st day of February 2012.



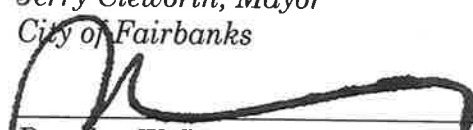
Luke Hopkins, Mayor
Fairbanks North Star Borough



Jerry Cleworth, Mayor
City of Fairbanks

ATTEST:


Mona Lisa Drexler, MMC
Municipal Borough Clerk



Douglas W. Isaacson, Mayor
City of North Pole



**Office of the Mayor
Fairbanks North Star Borough
Alaska**

Proclamation

WHEREAS, physical activity is a vital component of health for all ages; and

WHEREAS, organized sports create an atmosphere of competition, excitement and fun; and

WHEREAS, over 2,000 Interior Alaska children and adults participate in organized hockey year-round; and

WHEREAS, Fairbanks is one of only two cities in the United States with both Junior "A" and Division I college hockey programs; and

WHEREAS, Fairbanks has a proud hockey heritage represented by numerous tournament, regional and national championships; and

WHEREAS, Fairbanks has twice been recognized in a nation-wide competition to determine which community does the best job of celebrating hockey; and

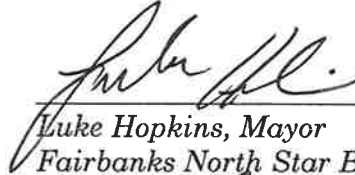
WHEREAS, Fairbanks hosted the Stanley Cup on Sunday February 13, 2011. The Stanley Cup is awarded to the champion of the National Hockey League and is the most beloved trophy in all of team sports:

NOW, THEREFORE, I, Luke Hopkins, Mayor of the Fairbanks North Star Borough, and I, Jerry Cleworth, Mayor of the City of Fairbanks, and I, Douglas W. Isaacson, Mayor of the City of North Pole, Alaska, by the authority vested in us, do hereby proclaim the week of February 17 - 26, 2012, as


HOCKEY WEEK IN FAIRBANKS

throughout our community and urge all citizens to participate in the scheduled activities and support the players who will be actively engaged in the competition.

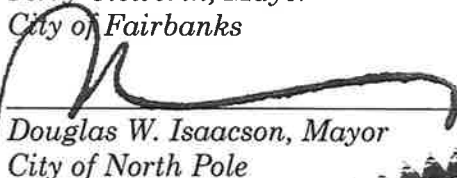
IN WITNESS WHEREOF, we have here unto set our hands this 1st day of February 2012.



Luke Hopkins, Mayor
Fairbanks North Star Borough




Jerry Cleworth, Mayor
City of Fairbanks



Douglas W. Isaacson, Mayor
City of North Pole

ATTEST:



Mond Lisa Drexler, MMC
Municipal Borough Clerk



CITY OF NORTH POLE

ORDINANCE 12-06

**AN ORDINANCE OF THE CITY OF NORTH POLE AMENDING TITLE 15,
BUILDING AND CONSTRUCTION, CHAPTER 15.04, ADMINISTRATIVE CODE**

WHEREAS, changes to the North Pole Municipal Code is a continually changing requirement; and

WHEREAS, the City of North Pole Municipal Code should be amended to conform to the requirements of the City and to clarify questionable areas.

NOW, THEREFORE, BE IT ORDAINED by the Council of the City of North Pole:

Section 1. This ordinance is of a general and permanent nature and shall be codified.

Section 2. Amend Title 15 Building and Construction, Chapter 15.04 Administrative Code as follows:

15.04.050 Local amendments to the Uniform Administrative Code, 1997 Edition.
The amendments to the 1997 edition of the Uniform Administrative Code are listed hereafter by section.

Revise Section 304.2 Permit Fees, paragraph two to read:

The determination of value or valuation under any of the provisions of these codes shall be made by the building official **based upon the latest Building Valuation values released by the International Code Council and adjusted by a factor of 1.3**. The value to be used in computing the building permit and building plan review fees shall be the total value of all construction work for which the permit is issued as well as all finish work, painting, roofing, electrical, plumbing, heating, air-conditioning, elevators, fire-extinguishing system and other permanent equipment.

Section 3. Effective Date. This ordinance shall be effective at 5:00 pm on the first City business day following its adoption.

PASSED AND APPROVED by a duly constituted quorum of the North Pole City Council this 5th day of March, 2012.

Douglas W. Isaacson, Mayor

ATTEST:

Kathryn M Weber, MMC
North Pole City Clerk

PASSED
YES:
NO:
Abstained

CITY OF NORTH POLE

ORDINANCE 12-07

**AN ORDINANCE OF THE CITY OF NORTH POLE AMENDING TITLE 15,
BUILDING AND CONSTRUCTION, CHAPTER 15.12, BUILDING CODE;
INTERNATIONAL BUILDING CODE, 2009 EDITION**

WHEREAS, changes to the North Pole Municipal Code is a continually changing requirement;
and

WHEREAS, the City of North Pole Municipal Code should be amended to conform to the
requirements of the City and to clarify questionable areas.

NOW, THEREFORE, BE IT ORDAINED by the Council of the City of North Pole:

Section 1. This ordinance is of a general and permanent nature and shall be codified.

Section 2. Amend Title 15 Building and Construction, Chapter 15.12 Building Code;
International Building Code, 2009 Edition as follows:

- *See Attached*

Section 3. Effective Date. This ordinance shall be effective at 5:00 pm on the first City
business day following its adoption.

PASSED AND APPROVED by a duly constituted quorum of the North Pole City Council this
5th day of March, 2012.

Douglas W. Isaacson, Mayor

ATTEST:

Kathryn M Weber, MMC
North Pole City Clerk

PASSED
YES:
NO:
Abstained

Chapter 15.12 Building Code

15.12.010 Adoption.

~~The bound volumes containing the code known as The~~ *International Building Code* 2006 2009 edition as published by the International Conference of Building Officials, together with the local amendments as set forth in Chapter 15.12, shall constitute the laws of the city relating to building regulations. Where the *International Building Code* conflicts with this code, this code shall prevail. ~~Copies of~~ An electronic copy of the *International Building Code* and referenced Standards ~~may be examined~~ is retained at the city offices.

15.12.020 Modifications.

The building official shall have the power to modify any of the provisions of the *International Building Code* adopted by this chapter upon application in writing by the owner or lessee or his duly authorized agent, when there are practical difficulties in the way of carrying out the strict letter of the code; provided, that the spirit of the code is observed, public safety secured, and substantial justice done. The particulars of the modification, when granted or allowed, and the decision of the building official thereon shall be entered upon the records of the department, and a signed copy shall be furnished the applicant.

15.12.030 Appeals.

Whenever the building official disapproves an application or refuses to grant a permit applied for, or when it is claimed that the provisions of the code have been misconstrued or wrongly interpreted, the applicant may appeal from the decisions of the building official to an appeals board of five members to be appointed by the mayor/city manager within thirty days from the date of the decision. The appointment of the appeals board will be on a case by case basis with the members of said board comprised of local design professionals, contractors, inspectors or other members of the public deemed knowledgeable of the subject matter by the mayor / city manager.

15.12.040 Building permits—Compliance with ordinances.

It is established that no permit will be issued for the construction of new buildings or building, within the corporate limits of the city, which is inconsistent with the current comprehensive plan of the city or any city ordinances and regulations.

15.12.050 Moving buildings.

A. No building of any kind or nature shall be moved to a location in the city from outside the limits of the city without approval of the building official, and, in the event any persons move into the city a building from a location outside the city, he or they shall not be permitted to use the building either for residential or business purposes until the building official has approved the building for the purpose intended.

B. No building which is more than eight feet six inches wide, more than thirteen feet six inches above the ground, more than seventy feet zero inches total length including trailer, more than four feet zero inches in rear overhang, more than three feet zero inches in front overhang or more than the allowable road weight limitations shall be moved upon the city streets without first

PASSED
YES:
NO:
Abstained

Sponsored by: Mayor Douglas Isaacson

Introduced and Advanced: March 5, 2012

Passed: March 19, 2012

obtaining a moving permit. Before a moving permit may be issued, the following items must be provided: a copy of the state transport permit, proof of insurance, the proposed route and time and a bond of one thousand dollars in the form of a certified check payable to the city. The moving permit must have the written approval of both the building official and chief of police or their designee. The bond will be returned less any expenses incurred by the city repairing public facilities, utilities or roadways damaged during the move.

15.12.060 Local amendments to the *International Building Code*, ~~2006~~ 2009 edition.

The *International Building Code* ~~2006~~ 2009 edition as published by the International Conference of Building Officials is hereby adopted by the City of North Pole as follows:

Delete section 15.12.060 in its entirety and replace with the following:

Section 101.2.1 Appendices. Amend this section to read as follows: Appendices E and H are hereby adopted.

Chapter I Administration. Delete this chapter in its entirety and replace with the 1997 Uniform Administrative Code.

Section 202 Definitions. Create a new definition for Family Child Care Homes to read as follows:

A family child care home is a licensed facility that is located within a single-family home in which personal care services are provided by the owner or tenant that normally occupies the residence on a twenty-four hour basis.

Section 202 Definitions. Townhouse.

Delete the definition and replace as follows: Townhouse. A single-family dwelling unit constructed in a group of two or more attached units in which each unit extends from foundation to roof and with a yard or public way on at least two sides. Each townhouse shall be considered a separate building as recognized by a recorded lot line between such units. Each townhouse unit shall be provided with separate water, sewer, heating and electrical services.

Section 305.2 Day Care.

Revise this section as follows:

The use of a building or structure, or portion thereof, for educational, supervision or personal care services for more than five children older than 2 % years of age, including children related to the staff, shall be classified as a Group E occupancy. Section 305.2 Day Care.

Add the following exception to this section: Exception.

Family child care homes operating between the hours of 6:00 am and 10:00 p.m. may accommodate a total of twelve children, provided that no more than 5 children are under the age

PASSED

YES:

NO:

Abstained

of 2 % years. Family child care homes as defined are classified as an (R3) occupancy and shall comply with section

907.2.10 (smoke detectors), section 908.7 (carbon monoxide detectors) and section 1003 (emergency escape and rescue openings as required by section 1029 for napping and sleeping rooms. Fire extinguishers shall be provided in accordance with the International Fire Code.

Section 305.3 Day Care Hours of Operation.

Create a new section title to read as follows:

Day care hours of operation. A Day Care that operates between the hours of 10:00 p.m. and 6:00 a.m. shall be equipped with an approved automatic sprinkler system throughout, designed and installed in accordance with NFPA Standard 13-0-1996 or an approved equivalent system as approved by the Fire Chief. An approved emergency escape or rescue window meeting the requirements of IBC Section 1026 shall be provided in each sleeping or napping room. Smoke detectors and carbon monoxide detectors shall be installed in accordance with sections 907.2.10 and 908.7. Fire extinguishers shall be provided in accordance with the International Fire Code.

Section 308.2 Group 1-1.

Revise this section by deleting the last paragraph and replace with the following:

A facility housing more than 2 persons and no more than 16 persons shall be classified as a Group R-4.

Section 308.3.1 Definition. Child Care Facility.

Amend the definition to read as follows: A child care facility that provides care on a 24-hour basis to more than five children 2 years of age or less, including children related to the staff, shall be classified as Group 1-2.

Section 308.3.1 Definition. Nursing Homes.

Delete the definition and revise as follows:

Nursing homes are long-term care facilities on a 24 hour basis, including both intermediate care facilities and skilled nursing facilities, serving more than two persons and any of the persons are incapable of self-preservation.

Section 310.1 Residential Group R-4. Delete this paragraph in its entirety and replace as follow:

Residential occupancies shall include buildings arranged for occupancy as Residential Care/Assisted Living Facilities including more than 2 and no more than 16 persons, excluding staff, shall be classified as Group R-4. Occupants of a residential care/assisted living facility are capable of responding to an emergency situation without physical assistance from the staff.

PASSED

YES:

NO:

Abstained

Occupancies which include Individuals who are not capable of responding to an emergency situation or incapable of self-preservation shall be classified as an I occupancy. R-4 occupancies shall be sprinklered throughout as required by section 903.3.1.3.

Section 406.1.4 Separation.

Delete this section in its entirety and replace as follows.

1. The private garage shall be separated from all dwelling units by a one hour fire resistive wall assembly. The fire resistive wall may terminate at the ceiling provided: a) the ceiling framing construction is protected by a layer of 5/8 inch thick type X gypsum board and the area above the ceiling is a non-habitable attic:: space. Garages located beneath habitable rooms or dwelling units shall be separated by an approved one hour fire resistive horizontal floor ceiling assembly and one hour fire resistive vertical wall assemblies. Penetrations of the fire resistive assemblies shall be fire stopped with materials approved for the hourly rating. Door openings between a private garage and a dwelling shall be provided with a minimum rating of 45 minutes and be equipped with self-closing and self-latching doors. In addition these doors shall be provided with gasket seals on the top and sides including installation of a tight fitting threshold. Openings from a private garage directly into a room used for sleeping purposes shall not be permitted.

2. Ducts in a private garage and ducts penetrating the walls or ceilings separating the dwelling unit from the garage shall be constructed of a minimum 0.019-inch (0.48 mm) sheet steel and shall have no openings into the garage. The duct shall be firestopped with materials approved for a one hour fire resistive assembly.

3. A separation is not required between a group R-3 and U carport, provided the carport is entirely open on two or more sides and there are not enclosed areas above. Section 413.3 Usable space under floors. Add a new subsection to read as follows:

Usable space under the first story shall be enclosed except in groups R-3 and U occupancies, and such enclosure when constructed of metal or wood shall be protected on the side of the usable space as required for one hour fire resistive construction. Doors shall be self-closing, of noncombustible construction or solid core, not less than 1 1/2 inches in thickness or a twenty minute door assembly may be used.

Exception:

Areas protected by approved automatic sprinkler systems.

Section 501.3 Location on property.

Create a new section to read as follows:

For the purposes of allowable area limitations, required yards shall be permanently maintained. Buildings shall adjoin or have access to a permanent public way or yard on not less than one side.

PASSED

YES:

NO:

Abstained

Table 508.2.5 Incidental Accessory Occupancies. Amend table by adding footnote

(a) to read as follows: footnote (a). Regardless of the Btu rating, psi rating or horsepower rating a one hour separation or automatic fire -extinguishing system is required for furnace or boiler rooms providing heat for group E, R-1, R-2, I and R-4 Occupancies

Table 601 Fire-resistance rating requirements for building elements. Amend footnote (d) by adding the following sentence. In group E Occupancies, an automatic sprinkler system may be substituted for 1 hour fire-resistance-rated-construction provided the system is designed in accordance with section 903.3.1.1.

Section 603.1 Allowable Materials. Add the following item to allowable materials.

26.4 Fire-retardant treated wood may be used as furring for exterior bearing and non-bearing wall construction provided the building is sprinklered throughout and the required fire rating of the wall is 2 hours or less.

Section 717.4.2 Groups R-1 and R-2.

Delete the last sentence in its entirety and replace with the following: Draft stops in attic spaces shall be installed so that the maximum area between draft stops does not exceed 3,000 square feet, and the greatest horizontal dimension does not exceed 60 feet. Such draft stops are not required to be located directly above or in line with walls separating tenant spaces.

Delete exception 1 in its entirety.

Revise exception 3 to read as follows:

In R-2 occupancies that do not exceed four stories in height, the attic space shall be subdivided into areas not exceeding 3,000 square feet.

Section 808.1.1.1 Suspended acoustical ceilings. Delete this section in its entirety and replace as follows:

Suspended acoustical ceiling systems shall be installed in accordance with the provisions of ASTM C635 and ASTM C636 and the following installation standards.

1. A heavy duty-rated grid system shall be used in all occupancies. The perimeter wall angle shall be deemed to provide structural support for the perimeter cross-tee and main runner intersections and the edge support for the ceiling tiles provided it is secured.

Exception: Intermediate duty rated systems may be used in R-3 Occupancies.

- 1 Changes in the ceiling plane elevation shall be provided with structural support or additional wires capable of maintaining a positive bracing system.

PASSED
YES:
NO:
Abstained

- 2 Cable trays and electrical conduits shall be independently supported and braced independently of the ceiling.
- 3 Compression posts are not required if the distance from the plane of the suspended ceiling and the lowest structural framing elements are 24 inches or less.
- 4 Cross-tees, which are 8 inches or less in length and located at the perimeter of any room, do not require additional vertical 12 gauge support wires.
- 5 A 90 degree cross tee return system may be used to support the cross-tee to the perimeter wall angle. Rivets, zip-it wall anchors and/or screws may be used to positively attach the cross tee to the perimeter wall angle or wall substrate in lieu of additional perimeter wires. The installation shall be in accordance with this suspended ceiling policy.
- 6 Lighting fixtures seismically supported in accordance with CISCA 3-4 are not required to be positively attached to the suspended grid members.
- 7 Recessed can or bullet type lighting fixtures weighing less than 20 pounds shall be supported to the grid system and shall be positively attached to the structure above with a minimum of one 12 gauge wire or safety chain. Fixtures weighing more than twenty pounds shall be supported with a minimum of two 12 gauge wires or two safety chains attached to the fixture and secured to the structure above. These wires may be slack.
8. Suspended acoustical ceiling systems may not be used to provide lateral support for non-bearing partitions unless: a) designed by an engineer or b) installed in accordance with an approved evaluation report recognized by the International Building Code.
9. Ceiling mounted air terminals weighing less than 20 pounds shall be positively attached to the ceiling suspension main runners or cross tees having the same carrying capacity as the main runners. Air terminals weighing more than twenty pounds shall be provided with a minimum of two 12-gauge wires, connected from the terminal to the structure above and shall be positively attached to the grid system.
10. Corridors which are 6 feet in width or less may have the seismic splay wires installed in the direction of the long axis of the corridor. These splay wires shall be spaced 12 feet on center and splayed at a 45 degree angle. Splay wires are not required in the short axis of the corridor.
11. When all ceiling tiles are replaced in an existing non-complying suspended ceiling, the lights and mechanical air terminals shall be upgraded and seismically braced prior to the new tile installation.
12. When lighting fixtures are replaced or relocated in an existing suspended ceiling, the new lights or relocated lights shall be seismically-braced in accordance with CISCA 3-4 and this section.

PASSED
YES:
NO:
Abstained

13. When mechanical ductwork or air terminals are altered or relocated in an existing suspended ceiling, those mechanical devices shall comply with the seismic requirements with CISCA and this section.
14. When 50% or more of the grid system is replaced or altered, the entire grid system shall be upgraded to meet the current seismic standards in accordance with CISCA 3-4.
15. Two inch wide perimeter angles are not required.

Section 903.2.3 Group E.

Delete this section in its entirety and replace as follows:

An automatic sprinkler system shall be provided throughout all Group E occupancies. An automatic sprinkler system shall also be provided for every portion of educational buildings below the level of exit discharge. Day care uses that are licensed to care for more than 5 persons between the hours of 10 p.m. and 6 a.m. shall be equipped with an automatic sprinkler system designed and installed in accordance with Section 903.3.1.3, or an approved equivalent system. The use of a firewall or fire barrier does not establish a separate building or fire area for the purpose of this section.

Exceptions 1. Buildings with E occupancies having an occupant load of 49 or less.

2. Day care uses not otherwise required to have automatic sprinkler system by other provisions of the code.

Section 903.2.11.7. Pit Sprinklers. Add a new subsection and title to read as follows:

Pit Sprinklers. Sprinklers shall be installed in the bottom of all new and existing elevator pits below the lowest projection of the elevator car but no higher than 24 inches from the bottom of the pit.

Section 903.3.1.1 NFPA 13 Sprinkler systems is revised by adding a new Subsection

903.3.1.1.2 to read as follows:

Elevator Hoist ways and Machine Rooms. Where the provisions of this code require the installation of automatic sprinkler systems, such installation in Elevator hoist ways and machine rooms shall be in accordance with NFPA [13, Section 5-13.6.1] 1'3-2002 and ASME A17.1 Safety Code for Elevators and Escalators, 2000 edition

Exception: Sprinklers may be deleted in an elevator machine room when such room is:

- (1) Separated from the remainder of the building in accordance with Section 3006.4
- (2) Smoke detection is provided in accordance with NFPA 72
- (3) Notification of alarm activation is received at a constantly monitored location.

PASSED

YES:

NO:

Abstained

Section 903.4.2 Alarms.

Amend this section by adding the following sentence to the paragraph:

Buildings equipped with a sprinkler system without an alarm system shall have at least one notification device (horn/strobe) located inside the building in a commonly occupied area to alert occupants of a sprinkler activation.

Section 907.2.3 Group E. Revise this section by adding a second paragraph to read as follows:

Rooms used for sleeping or napping purposes within a day care use for a Group E occupancy shall be provided with smoke detectors that comply with section 907.2.11.2 and carbon monoxide detectors as specified in section 90B.7.

Section 908 Emergency alarm systems.

Revise this section by adding new sub-sections 90B.7. 90B.71 and 90B.72

Section 908.7 Carbon Monoxide Detectors. Create a new subsection and title to read as follows:

Carbon Monoxide Detectors.

The provisions of this section apply to Group 1-1, R-2, R-3 and R-4 occupancies. At least one (1) carbon monoxide detector shall be installed on each floor level. If a floor level contains bedrooms or sleeping rooms, at least (1) detector shall be located in the immediate vicinity of the sleeping area, outside of the bedrooms/sleeping rooms. Carbon monoxide detectors shall be listed and installed in accordance with their listing. The alarm shall be clearly audible in all sleeping rooms with intervening doors closed.

Exceptions:

1. Carbon monoxide detectors are not required in dwelling units and structures with no combustion (carbon base fuels) type appliances and with no attached garages or parking of vehicles in close proximity of openings such as windows, doors and fresh air inlets.
2. Carbon monoxide detectors are not required in Group R-2 occupancies where all combustion (carbon base fuel) equipment is located within a mechanical room separated from the rest of the building by construction capable of resisting the passage of smoke or the structure has an attached garage and is ventilated by an approved automatic carbon monoxide exhaust system designed in accordance with the mechanical code.

Section 908.7.1 Interconnection. Create a new subsection and title to read as follows:

In new construction, all carbon monoxide detectors located within a single dwelling unit shall be interconnected in such a manner that actuation of one alarm shall activate all of the alarms within the individual dwelling unit.

PASSED
YES:
NO:
Abstained

Section 908.7.2 Power Source. Create a new subsection and title to read as follows:

In new construction, carbon monoxide detectors shall receive their primary power from the building wiring where such wiring is served from a commercial source and shall be equipped with battery backup. Wiring shall be permanent and without a disconnecting switch other than those required for over current protection. Carbon monoxide detectors shall be permitted to be cord-and-plug type with battery backup in existing construction.

Section 1008.1.9.3 Locks or Latches. Add Exception 6 as follows:

6. In Groups 8, F, M and S occupancies, a single thumb turn may be used in exit doors, where the occupant load is 100 or less, in conjunction with an approved lock set when the thumb turn requires no more than one-half turn to unlock. Hardware height shall comply with Section 1008.1.8.2. This exception does not apply when panic hardware is required or installed.

Section 1008.1.9.3.1 Manual security bar for limited use. Create a new subsection and title to read as follows:

Manual security bar for limited use. Assembly occupancies such as restaurants, taverns and lounges and B,F,M,S occupancies with an occupant load of less than 100 may utilize a manual security bar for the second required exit when the building is not occupied by the public. The security bar shall be pre-approved by the fire marshal before installation. The bar must be easily removed and shall not be provided with padlocks, chains or other locking devices requiring special tools or knowledge. The bar shall be identified by a contrasting color. The exit door shall be provided with a sign stating, "This door to remain unlocked during business hours." The use of this provision may be revoked by the fire marshal for noncompliance.

Assembly occupancies with an occupant load of 300 or less which are provided with an approved sprinkler system throughout may install a security bar on the second required exit as specified above. The conditions and approval of the security bar installation shall be kept on file with the fire marshal. The use of this provision may be revoked by the fire marshal for noncompliance.

Section 1008.1.8.7 Delayed egress locks. Revise exception #3 to read as follows:

3. The door locks shall have the capability of being unlocked by a signal from an approved location.

Section 1009.4.2 Stair riser and tread depth. Amend section by adding an exception #8 to read as follows:

Stairs or ladders used only to attend equipment are exempt from the requirements of Section 1009.

Section 1021.5 Exits from basements. Create a new subsection and title to read as follows:

PASSED
YES:
NO:
Abstained

Exits from basements.

Basements in all occupancies except Group R-3, shall be provided with a minimum of at least two independent exits.

Exceptions:

- 1 Basements used exclusively for the service of the building.
- 2 Basements used exclusively for storage purposes and limited to 750 square feet.
- 3 Basements used for private offices, maintenance rooms or laundry rooms and similar uses limited to an aggregate floor area of 500 square feet, provided a hard wired smoke detector is installed in the basement and interconnected to a smoke detector located on the level of discharge as approved by the City Fire Marshal.
- 4 Basements used for private offices, maintenance rooms or laundry rooms and similar uses which are provided with a direct exterior exit to grade shall be limited to an aggregate floor area of 750 square feet, provided a hard wired smoke detector is installed in the basement and interconnected to a smoke detector on the level of exit discharge as approved by the City Fire Marshal.
- 5 Buildings which are sprinklered throughout and contain a basement may have one exit provided:
 - 5.1 Basements are used exclusively for storage purposes and limited to 1500 square feet.
 - 5.2 Basements are used for private offices, maintenance rooms, or laundry rooms and similar uses limited to an aggregate floor area of 1000 square feet.
 - 5.3 Basements are used for private offices, maintenance rooms or laundry rooms and similar uses and are provided with a direct exterior exit to grade shall be limited to an aggregate floor area of 1500 square feet.

Section 1029.1 General. Revise the first sentence of the paragraph to read as follows:

The design and construction of buildings or portions of buildings to meet the requirements of the Americans with Disabilities Act and Fair Housing Act is the exclusive responsibility of the owner of the structure.

1102.1 Definitions. Add the following definitions:

CONVENTIONAL INDUSTRY TOLERANCES: Plus or minus 1/2 inch up to 36 inches and plus or minus 1 percent over 36 inches. Slopes may be plus or minus 1 percent.

ADAPTABLE: The ability of certain building spaces and elements, such as kitchen counters, sinks, and grab bars, to be added or altered so as to accommodate the needs of either disabled or non-disabled persons, or to accommodate the needs of persons with different types or degrees of disability.

1103.1 Where required. Add the following sentence to this section:

PASSED
YES:
NO:
Abstained

Subject to the approval of the Building Official, areas where work cannot reasonably be performed by persons having a severe impairment (mobility, sight or hearing) need not have specific features which provide accessibility to such persons.

1103.2.4 Detached dwellings. Delete this paragraph as replace as follows:

Detached one and two family dwellings and three unit dwellings, including accessory structures and their associated sites and facilities, are not required to be accessible.

1108.2.7 Assistive listening systems. Add the following sentence to this section:

Assistive listening systems shall be required in groups B, E, and M occupancies which contain rooms of assembly.

1110.1 Signs. Delete Item 1 and replace with the following:

1. Accessible parking spaces as required by Section 1106.1

1110.3 Other signs. Add the following item to this section:

7. Building directories are required for the following occupancies as defined by the building code: Groups A, B, E, I, & M greater than 6000 sq. ft. or more than one story. Regardless of building size, directories shall be provided for governmental office buildings, medical care facilities, shopping malls, public transportation facilities, senior citizen housing and hotels. Directories shall be provided within or immediately adjacent to the main entrances as approved by the Building Official. Directory signage shall comply with ICC/ANSI A117.

1111.1 Public telephones. Add a new section as follows:

Public telephones are required in medical care facilities, governmental office buildings, shopping malls, public and private schools, hotels, convention centers, and shall be located on an accessible route. (For the purpose of this section schools which meet the Group E, Division 1 occupancy classification as defined in Chapter 3 of the Building Code shall comply).

1111.2 Public text telephones. Add a new section.

A public text telephone is required in governmental office buildings including police and fire stations, medical care facilities, senior housing Ordinance No. 5834 Page 11 of 21 facilities, hotels, conventions centers, libraries, public & private schools and shopping malls. A public text telephone is required in or adjacent to a hospital emergency room or hospital waiting room, and shall be located on an accessible route. (For the purpose of this section schools classified as group E, occupancy as defined in Chapter 3 of the building code shall comply).

Section 1203.2 Attic spaces. Delete this section in its entirety and replace with the following:

PASSED

YES:

NO:

Abstained

Enclosed attics and enclosed rafter spaces formed where ceilings are applied direct to the underside of the roof rafters or trusses shall have cross ventilation for each separate space by ventilating openings protected against the entrance of snow and rain. The net free ventilation area for each space shall be not less than 1/150 of that area of the space ventilated. One-half of this required ventilating area shall be provided in the upper one-third portion of the space to be ventilated and the remaining required ventilating area shall be evenly distributed at eave vents. A minimum continuous opening of 1.5 inches in width shall be provided at the eave vents. The openings shall be covered with corrosion-resistant metal mesh covering.

Section 1203.3.1 Openings for under-floor ventilation. Delete section 1203.3.1, 1203.3.2 in their entirety and replace with the following:

Each under-floor space shall be ventilated by an approved mechanical means or by openings in exterior foundation walls. Such openings shall have a net area of not less than 0.1 square foot for each 150 square feet of under-floor area. There shall be two openings located as close to corners as practical on opposite sides to provide cross ventilation. The openings shall be covered with corrosion resistant wire mesh approximately 1/4" in size. All structures with a crawl space shall have a minimum 6 mil ground vapor retarder to prevent the flow of water vapor from soils into the heated building interior.

Section 1205.2 Natural light. Delete the paragraph in its entirety and replace as follows:

Guest rooms and habitable rooms within a dwelling unit or congregate residence shall be provided with natural light by means of exterior glazed openings with any area not less than one twentieth of the floor area of such rooms with a minimum of 5 square feet, except that minimum egress requirements shall govern.

1209.2 Attic Spaces. Add a sentence as follows:

Attic access shall not be located in a room containing bathing facilities.

1210.1 Floor and wall base finish materials. Delete this paragraph and replace with the following:

In other than dwelling units, toilet and bathing room floors shall have a smooth, nonporous, non-absorbent surface such as non-cushioned sheet vinyl, sealed concrete or ceramic tile with sealed joints or other approved materials. Base shall be of similar materials, shall extend up the wall 5 inches (127 mm) minimum, and shall be sealed to the flooring and wall surface and allowing differential movement without water penetration.

1210.2 Walls and partitions wainscot. Revise this section by renaming the section and delete the first paragraph to read as follows:

Walls and partitions wainscot.

PASSED

YES:

NO:

Abstained

Walls and partitions within 2 feet (610 mm) of the front and sides of urinals, water closets and sinks shall have a smooth, non-porous, hard, non-absorbent surface such as non-cushioned sheet vinyl, sealed concrete, ceramic tile with sealed joints, approved plastic panels, or other approved materials, installed to a minimum height of 4 feet above the finished floor and except for structural elements, the materials in such walls shall be of a type that is not adversely affected by moisture.

1210.2 Walls and partitions. Delete exception 1 and 2 and replace as follows: Exception.

1. Dwelling Units

1210.2.1 Walls and partitions moisture resistive gypsum board application. Create a new subsection and title to read as follows:

In addition to the wainscot provisions as required by section 1202.2, moisture resistive gypsum board, cement board or other approved material shall be applied to walls within two feet from the front and sides of urinals, water closets, tub, shower, lavatories and service sinks. Moisture resistive gypsum board shall be applied on walls in the spaces as stated above in all occupancies up to a height of 4 feet. Walls immediately adjacent to tub and shower areas shall be provided with moisture resistive gypsum board to a height of 7 feet above the drain inlet.

Chapter 13 ENERGY EFFICIENCY. Delete this chapter in its entirety and refer to chapters 1-4 of the International Energy Conservation Code as amended.

Section 1507.2.2 Slope. Delete this paragraph and replace as follows:

Asphalt shingles shall be used only on roof slopes of two units vertical in 12 units horizontal or greater. Required underlayment shall be provided as follows: A roof slope of 2:12 shall be provided with an approved self-adhering polymer modified bitumen on the entire roof surface. A roof slope of 3:12 shall be provided with double underlayment in accordance with section 1507. Roof slopes of 4:12 or greater shall be provided with a single layer of underlayment in accordance with section 1507.

Section 1507.2.6 Fasteners. Add an exception to read:

Staples may be substituted for nails on new work only. They must be galvanized or stainless steel with a (1) inch crown and of sufficient length to completely penetrate the shingle and roof sheathing. Staples must be straight and flush with the shingle surface.

Section 1507.2.8 Underlayment application. In the first sentence, change "two units vertical" to "three units vertical".

Section 1507.2.8.2 Ice barrier. Delete this section in its entirety and replace as follows: Where a non-energy heel truss design is utilized, an approved self-adhering polymer modified bitumen sheet shall be installed on the roof deck extending from the eave up the roof to 36 inches inside the exterior wall line of the building.

PASSED

YES:

NO:

Abstained

Exception: Detached accessory structures that contain no conditioned floor area.

Section 1607.11.2 Reduction in roof live loads. Delete this section in its entirety and replace as follows:

Roof snow loads shall not be reduced.

Section 1608.3 Roof snow loads. Add a new section to read as follows:

In no case shall the roof design snow load be less than 50 psf. There is no snow load duration increase allowed for wood framed or wood trussed roofs. A minimum ground snow load (Pg) of 60 pounds per square foot shall be used in the determination of drift loads.

Section 1608.4 Sliding snow. Create a new subsection and title to read as follows:

Metal roofs with a slope greater than 2:12 shall have barriers installed to resist the sliding action and subsequent dumping of ice and snow on persons and property. These barriers shall be constructed to specifically protect required public parking areas, public walkways, entrances and required exit discharge.

Section 1612 Flood loads. Delete this entire section.

Section 1704.4 Concrete construction. Delete exception 2.3 and replace with the following:

The structural design is based on an f c no greater than 3,000 pounds per square inch (psi).

Section 1803.1 General. Add the following sentence to the paragraph.

The effects of soil densification and differential settlement shall also be considered in the investigation, reporting and determination of potential soil strength loss when conditions warrant, also reference Section 1802.2.7.

Section 1803.5.2 Questionable soil. Add the following sentence to the paragraph.

In the event permafrost conditions are suspected, a soils investigation may be required.

Section 1804.3 Site grading. Add the following sentence to the last paragraph.

It shall be the responsibility of the building owner to assure that discharge of roof and surface runoff is disposed of without affecting adjacent property.

Section 1804.5 Compacted till material. Delete the first sentence and replace with the following:

Where footings will bear on compacted fill material, the compacted fill shall, when required by the Building Official, comply with the provisions of an approved report, which shall contain the following:

PASSED
YES:
NO:
Abstained

Fill material used to support building foundations and/or floor slabs shall consist of not more than five percent by weight of particles passing the No. 200 sieve and shall be compacted to a minimum of 95 percent of maximum density. The Building Official may require that verification of compaction be submitted in the event a site inspection reveals questionable soil conditions.

Section 1805.4.2 Foundation drain. Delete this section in its entirety.

Section 1806.2 Presumptive load-bearing values. Add a third paragraph to the section to read as follows:

Footings shall bear upon in-situ, coarse-grained soils as defined in ASTM 2487 with the exception of groups SM and SC. Soils grouped in the SM and SC classifications shall be acceptable provided the footings are at a depth as required above and placed upon a minimum of 1'-6" of compacted, clean gravel fill.

Table 1807.1.6.2 Concrete foundation walls. Add a footnote to read as follows:

f. Plain concrete foundation walls are prohibited in Seismic Design Category D.

Section 1807.1.3 Rubble Stone. Delete this section and referenced tables in its entirety.

Table 1807.1.6.3(1) Plain masonry foundation walls. Add a footnote (g) to read as follows:

(f.) Plain masonry foundation walls are prohibited in seismic design category D.

Section 1807.1.6.3.1. Alternative foundation wall reinforcement. Delete this section in its entirety and replace as follows:

In lieu of the reinforcement provisions for masonry foundation walls in table 1807.1.6.3(2), 1807.1.6.3(3) or 1807.1.6.3(4), alternative reinforcing bar sizes and spacing having an equivalent cross-sectional area of reinforcement per linear foot of wall shall be permitted to be used, provided the spacing of reinforcement does not exceed 48 inches and reinforcing bar sizes do not exceed No.11.

Section 1809.1 General. Delete this section and replace as follows:

Shallow foundations shall be designed by a registered engineer licensed by the State of Alaska. Such design shall comply with sections 1809.2 through 1809.13.

Section 1809.2. Supporting soils. Add the following sentence to the paragraph.

Footings and foundations shall be built on unfrozen, undisturbed, non-frost susceptible soil or compacted unfrozen NSF fill or CLSM.

PASSED
YES:
NO:
Abstained

Section 1809.4 Depth and width of footings. Delete this section in its entirety and replace as follows:

The minimum depth of footings below the undisturbed ground surface shall be 3'-6" unless substantiated by a design prepared by a registered engineer licensed in the State of Alaska. The minimum width of footings shall be in accordance with a design prepared by a registered engineer licensed in the State of Alaska.

Section 1809.5 Frost protection. Delete item 1 and replace with the following:

1. The minimum depth of footings shall be 3'-6" below the undisturbed ground surface.
2. Area of 400 feet (56 m2) or less for light-framed construction.

Delete item 2 under the exceptions and replace with the following:

Delete the last sentence of the paragraph and replace with the following:

Footings shall not bear on frozen soil.

Section 1809.7 Prescriptive footings for light frame construction. Delete this section in its entirety including table 1809.7 and replace as follows:

Where a specific design is not provided, concrete footings supporting walls of light-frame single family-duplex residential construction are permitted to be constructed in accordance with the Standard Foundation Details SFD1-SFD8. Commercial foundation designs shall be prepared by a registered engineer licensed by the State of Alaska.

Section 1809.8. Plain concrete footings. Delete this section in its entirety.

Section 1809.9 Masonry-unit footings. Delete this section and the exception in its entirety and replace as follows:

Masonry-unit footings shall be reinforced and shall be designed by a registered engineer licensed by the State of Alaska.

Section 1809.12 Timber footings. Add the following sentence to the end of the paragraph.

Timber footings shall be designed by a registered engineer licensed by the State of Alaska.

Section 1905.12 Cold weather requirements. Add the following sentence to the paragraph.

For the purposes of near freezing weather considerations, 40 degrees F shall be used. The protection shall be capable of maintaining the temperature of the curing concrete at or above 50 degree F for the required time periods stated in section 1905.11.

PASSED

YES:

NO:

Abstained

Section 1908.1.8 ACI 318, Section 22.10. Amend this section by revising paragraph 22.10.1 to read as follows

22.10.1-Structures assigned to seismic design category C, 0, E or F shall not have elements of structural plain concrete.

Section 1908.1.8 ACI 318, Section 22.10. Amend this section by further deleting sub paragraphs (a), (b) and (c).

Section 2304.7.2. Structural Roof Sheathing Add a new paragraph to read as follows:

Roof sheathing installed on structural supports spaced (2) feet on center shall have a minimum (32/16) span rating with panel edge clips placed midway between such supports. Roof sheathing with a minimum (40/20) span rating may be applied to framing supports spaced at (2) feet on center without panel edge clips.

Section 2304.7.2.1 Spaced lumber sheathing Add a new subsection and exception to read as follows:

Spaced lumber sheathing installed on roofs located in seismic design category D shall be designed by a licensed engineer registered in the State of Alaska. Drawings and supporting calculations shall be submitted for review and approval. Truss design shall consider effects of spaced sheathing.

Exception:

Detached residential garages, storage sheds green houses and other non-habitable accessory structures. A shop building or warehouse does not qualify for the exception unless designed by an Engineer licensed by the State of Alaska. Truss design shall consider effects of spaced sheathing.

Section 2305.4. Seismic framing connectors. Create a new section and title to read as follows:

Seismic framing connectors. Seismic framing connectors (hurricane ties) shall be installed at each exterior bearing end of each truss or rafter and shall have a minimum lateral load capacity of not less than 400 pounds unless otherwise substantiated by design calculations provided by a civil engineer licensed in the State of Alaska.

Table 2306.2.1(1) Allowable Shear.

Add the following sentence to footnote (d). Where necessitated by sheathing nail spacing, two 2-inch nominal members fastened together in accordance with section 2301.1 to transfer design shear value between the framing members is permitted.

Table 2306.2.1(2) Allowable Shear.

PASSED

YES:

NO:

Abstained

Add the following sentence to footnote (e). Where necessitated by sheathing nail spacing, two 2-inch nominal members fastened together in accordance with section 2301.1 to transfer design shear value between the framing members is permitted.

Table 2306.3 Allowable Shear.

Add the following sentence to footnote (f.) Where necessitated by sheathing nail spacing, two 2-inch nominal members fastened together in accordance with section 2301.1 to transfer design shear value between the framing members is permitted.

Table 2306.3 Allowable Shear.

Delete the last sentence to footnote (i) and replace as follows:

Foundation anchor bolts shall have a steel plate washer under each nut not less than 2-1/2 x 2-1/2 x 1/4 inch. The plate washer shall extend to within 1/2 inch of the edge of the bottom plate on the sheathed side.

Section 2306.7 Shear walls sheathed with other materials. Amend this section by revising the last sentence of the paragraph to read as follows:

Shear walls sheathed with portland cement plaster, gypsum lath, gypsum sheathing or gypsum board shall not be used to resist seismic forces in structures assigned to seismic design category D, E or F.

Table 2306.7 Allowable shear for wind or seismic forces for shear walls of lath and plaster or gypsum board wood framed wall assemblies. Add a footnote (I) to read as follows:

Lath and plaster or gypsum board values not permitted in Seismic Design Category D.

Section 2308.2 Limitations. Amend this section by revising item 3.1 to read as follows:

3.1. Average dead loads shall not exceed 29 psf for combined roof and ceiling, exterior, walls and partitions.

Section 2308.2 Limitations. Amend this section by revising item 3.2 to read as follows:

Live loads shall not exceed 50psf. Section 2308.2 Limitations. Amend this section by revising item 3.3 to read as follows:

Ground snow loads shall not exceed 60 psf. Section 2308.6. Foundation plates or sills. Amend this section by adding the following sentence to the end of the paragraph to read as follows: A minimum washer of 2 inch X 2 inch by 3/16 inch is required for each sill plate bolted connection unless an alternate design is provided by a registered engineer licensed by the State of Alaska.

Section 2308.12.1 Numbers of Stories. Delete this section in its entirety and replace with the following: Structures of conventional light-frame construction shall not exceed two stories in height unless designed by a registered engineer licensed by the State of Alaska.

PASSED

YES:

NO:

Abstained

Section 2509.3 Limitations. Delete exception 1 in its entirety.

Chapter 27 Electrical. Delete this chapter in its entirety and replace with the *National Electric Code* as adopted and amended by the City of North Pole.

Section 2901.1 Scope. Revise this section by deleting the reference to the *International Plumbing Code and International Private Sewage Disposal Code*.

Add the following note to the beginning of this paragraph:

Where reference to any Plumbing Code is made in this Code it shall be taken to mean the *Uniform Plumbing Code* as adopted and amended by the City of North Pole.

Table 2902.1 Minimum Number of Required Plumbing Fixtures. Delete the footnotes to the table and replace as follows:

Add footnotes (g) and (i) in the "water closet" column heading; add footnote (i) in the "other" column heading. Add footnote (h) at row 4 under the Factory and Industrial heading and under the Bathtubs and Showers column.

- a. The fixtures shown are based on one fixture being the minimum required for the number of persons indicated or any fraction of the number of persons indicated. The number of occupants shall be determined by the International Building Code.
- b. Toilet facilities for employees shall be separate from facilities for inmates or patients.
- c. A single-occupant toilet room with one water closet and one lavatory serving not more than two adjacent patient rooms shall be permitted where such room is provided with direct access from each patient room and with provisions for privacy.
- d. The occupant load for seasonal outdoor seating and entertainment areas shall be included when determining the minimum number of facilities required.
- e. Where water is served in restaurants, drinking fountains shall not be required. Excluding A and E occupancies, bottled water dispensers shall be permitted to be substituted for not more than 50 percent of the required drinking fountains. In B occupancies with fewer than 75 occupants, bottled water dispensers or sinks shall be permitted to be substituted for the required drinking fountains.
- f. The minimum number of drinking fountains shall comply with Table 3902.1 as amended and chapter 11 of the IBC.
- g. In each bathroom or toilet room, urinals shall not be substituted for more than 67 percent of the required water closets in assembly and educational occupancies. Urinals shall not be substituted for more than 50 percent of the required water closets in all other occupancies.
- h. Emergency showers and eyewash stations shall conform to ISEA Z358.1.
- i. Floor drains shall be installed in Toilet rooms containing two (2) or more water closets or a combination of at least one (1) water closet and one (1) urinal, except in a dwelling unit. Floor drains shall also be installed in commercial kitchens, laundry rooms in commercial buildings, and common laundry facilities in multi-family dwelling buildings.

Section 3002.1 Hoistway Enclosure Protection. Add the following:

PASSED
YES:
NO:
Abstained

Elevator hoistway shaft enclosure walls not required to have a fire resistive rating may be constructed with glass. Such glass shall be laminated glass that passes the requirements of ANSI A17.1.

Section 3004.1 Vents Required. Delete this section in its entirety and replace as follows:

Hoistways of elevators and dumbwaiters penetrating more than two stories shall be provided with a means for venting smoke and hot gases to the outer air in case of fire. When energy conservation requires that the vents be normally closed, automatic venting by actuation of an elevator lobby detector or power failure may be accepted. When hoist way pressurization is used, venting upon power failure may be accepted. In either case a manual override must be provided.

Section 3004.3 Area of vents. Amend this section by adding a second paragraph to the exception to read as follows:

Vents shall be mechanically operated and shall be automatically activated upon operations of any elevator lobby smoke detector. An approved fire alarm system or sprinkler system, for activation purposes, may be used in lieu of the elevator lobby detectors. A manual override shall be provided in an approved location, for fire department use and to address potential power failures. Vents shall be equipped with a failsafe device to open when power failure occurs. The venting of each individual hoistway shall be independent from any other hoistway venting, and the interconnection of separate hoistways for the purpose of venting is prohibited.

Section 3411.1 Scope (Accessibility to Existing Buildings). Add the following paragraph:

The design and construction of buildings or portions of buildings to meet the requirements of the Americans with Disabilities Act and Fair Housing Act is the exclusive responsibility of the owner of the structure.

PASSED
YES:
NO:
Abstained

CITY OF NORTH POLE

ORDINANCE 12-08

**AN ORDINANCE OF THE CITY OF NORTH POLE AMENDING TITLE 15,
BUILDING AND CONSTRUCTION, CHAPTER 15.20, RESIDENTIAL CODE;
INTERNATIONAL RESIDENTIAL CODE, 2009 EDITION**

WHEREAS, changes to the North Pole Municipal Code is a continually changing requirement;
and

WHEREAS, the City of North Pole Municipal Code should be amended to conform to the
requirements of the City and to clarify questionable areas.

NOW, THEREFORE, BE IT ORDAINED by the Council of the City of North Pole:

Section 1. This ordinance is of a general and permanent nature and shall be codified.

Section 2. Amend Title 15 Building and Construction, Chapter 15.20, Residential Code;
International Residential Code, 2009 Edition as follows:

- *See Attached*

Section 3. Effective Date. This ordinance shall be effective at 5:00 pm on the first City
business day following its adoption.

PASSED AND APPROVED by a duly constituted quorum of the North Pole City Council this
5th day of March, 2012.

Douglas W. Isaacson, Mayor

ATTEST:

Kathryn M Weber, MMC
North Pole City Clerk

PASSED
YES:
NO:
Abstained

Chapter 15.20 Residential Code

15.20.010 Adoption.

~~The bound volumes containing the code known as the~~ *International Residential Code*, ~~2006~~ 2009 edition, as published by the International Conference of Building Officials, and every part thereof, together with the local amendments as set forth in Chapter 15.20.040, shall constitute the laws of the City relating to the construction of one and two family housing. ~~Copies~~ An electronic copy of the *International Residential Code* ~~may be examined~~ is retained at the city offices.

15.20.020 Modifications.

The building official shall have the power to modify any of the provisions of the International Residential Code adopted by this chapter upon application in writing by the owner or lessee or his duly authorized agent, when there are practical difficulties in the way of carrying out the strict letter of the code; provided, that the spirit of the code is observed, public safety secured, and substantial justice done. The particulars of the modification, when granted or allowed, and the decision of the building official thereon shall be entered upon the records of the department, and a signed copy shall be furnished the applicant.

15.20.030 Appeals.

Whenever the building official disapproves an application or refuses to grant a permit applied for, or when it is claimed that the provisions of the code have been misconstrued or wrongly interpreted, the applicant may appeal from the decisions of the building official to the mayor/city manager within thirty days from the date of the decision. The appointment of the appeals board will be on a case by case basis with the members of said board comprised of local design professionals, contractors, inspectors or other members of the public deemed knowledgeable of the subject matter by the mayor / city manager.

15.20.040 Local amendments to the *International Residential Code*, ~~2006~~ 2009 edition.

The *International Residential Code* ~~2006~~ 2009 edition as published by the International Conference of Building Officials is hereby adopted by the City of North Pole as follows:

Delete section 15.20.040 in its entirety and replace with the following:

Chapter 1 Administration

Delete the following sections:

R103 and R1 04.1 0.1, and refer to the *1997 Uniform Administrative Code*.

Section R105.2 Work exempt from permit. Amend this section by deleting items 1, 2 and 10 and replace as follows:

Further amend this section by adding the following item #11.

1. One story detached structures used as garages, tool and storage sheds, playhouses and similar

PASSED
YES:
NO:
Abstained

uses, provided the floor area does not exceed 200 square feet. Separate permits are required for any electrical, plumbing or mechanical work.

2. Fences.
3. Uncovered Decks which are constructed not more than 30 inches above grade at any point.
4. Replacement of exterior siding, doors and windows; excluding required egress windows.

Section R105.3.1.1 Determination of substantially improved or substantially damaged existing buildings in flood hazard areas. Delete this section in its entirety and refer to Title 15 Fairbanks North Star Borough Flood Plain Management Regulations.

Section R1 06.1.3 Information for construction in flood hazard areas. Delete this section in its entirety and refer to Title 15 Fairbanks North Star Borough Flood Plain Management Regulations.

Section R107.1 General. Revise this section by amending the second sentence to read as follows: Such permits shall be limited as to time of service, but shall not be permitted for more than 360 days.

Section R108 Fees. Delete this section in its entirety and replace with the *1997 Uniform Administrative Code* as amended by the City of North Pole.

Section R109 Inspections. Delete this section in its entirety and replace with the *1997 Uniform Administrative Code*.

Section R112.2.1 Determination of substantial improvement in areas prone to flooding. Delete this section in its entirety and refer to the Title 15 Fairbanks North Star Borough Flood Plain Management Regulations.

Section R 112.2.2 Criteria for issuance of a variance for areas prone to flooding. Delete this section and refer to Title 15 Fairbanks North Star Borough Flood Plain management Regulations.

Chapter 2 Definitions

Amend section R202 Definitions by adding the following definition:

Duplex Dwelling Unit. Buildings which contain not more than two dwelling units which are not otherwise distinguished or separated by a recorded lot line.

Amend Section R202 Definitions Townhouse by the deleting the definition and replace as follows:

Townhouse. A single-family dwelling unit constructed in a group of two or more attached units in which each unit extends from foundation to roof and with a yard or public way on at least two sides. Each townhouse shall be considered a separate building as recognized by a recorded lot line between such units. Each townhouse unit shall be provided with separate water, sewer, heating, fuel gas and electrical services.

PASSED

YES:

NO:

Abstained

Table R301.2(1) Climatic and Geographic Design Criteria. Amend this table to read as follows:

Roof Snow load: 50 psf
Wind speed: 90 mph
Seismic Design Category: D1
Weathering: Severe
Frost line depth: 42" below finished grade
Termite: None to slight
Decay: None to slight
Winter Design Temp. -47
Flood Hazards: Refer to Fairbanks North Star Borough Title 15

Section R301.2.2.1.1 Alternate determination of seismic design category. Add the following sentence to the end of the paragraph to read as follows:

The seismic design category for the City of North Pole shall be D1.

Section R301.2.4 Floodplain Construction. Delete this section in its entirety.

Table R301.5 Minimum Uniformly Distributed Live Loads. Amend this table by deleting the live load value of 30 psf live load for sleeping rooms and replace with 40 psf.

Section R302.2 Townhouses. Delete this section in its entirety and replace with the following:

Each townhouse shall be considered a separate building and shall be separated by fire-resistive wall assemblies meeting the requirements of section R302.1 for exterior walls. Each townhouse shall be protected from the adjacent dwelling unit by construction of independent one hour fire resistive exterior walls. The wall shall be rated for fire exposure on both sides. Plumbing, mechanical equipment, ducts or vents may be installed within independent one hour fire resistive walls provided the openings are fire stopped as required by section

302.4. Electrical installations shall be installed in accordance with the National Electrical Code and shall be in accordance with section R302.4.

Exception 1. A common 2-hour fire resistive rated wall is permitted provided such walls do not contain plumbing, mechanical equipment, ducts, or vents in the cavity of the common wall.

Exception 2. A common 1-hour fire resistive rated wall is permitted provided such walls do not contain plumbing, mechanical equipment, ducts or vents in the cavity wall of the common wall and the townhouses are protected with an approved sprinkler system throughout.

302.5. Townhouses separated by a common 2-hour fire-resistive wall as provided in section R302.2 as amended.

Section R302.3 Two -family dwellings. Revise the last sentence of exception #2 to read as follows:

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YES:
NO:
Abstained

The structural framing supporting the ceiling shall be protected by not less than 5/8 inch thick type X gypsum board or equivalent.

Section R302.S.1 Opening protection. Add the following sentence to this section:

Doors between the garage and residence shall be self-closing and latching. Doors shall be equipped with tight fitting smoke gasket seals installed along the top and sides of doors. A tight fitting threshold seal shall also be installed.

Table R302.6 Dwelling/Garage Separation. Amend this table as follows:

Revise all references in the table to 1/2 inch gypsum board and replace with two layers of 5/8 inch thick type X gypsum board.

Revise line two of the Material column to read as follows:

Not less than two layers 5/8 inch Type X gypsum board for nominal dimensional lumber or two layers of gypsum board as required by ICC report ESR 1336 or as required by other proprietary research reports for specific engineered I Joists which achieve a one hour rated assembly.

Section R303.1 Habitable Rooms (Light and Ventilation). Replace this section and the exceptions with the following:

All habitable rooms shall be provided with natural light by means of exterior glazed openings with an area of not less than 5 percent of the floor area of such rooms with a minimum area of 5 square feet, except that minimum egress requirements shall govern. Natural ventilation shall be provided by openings to the exterior of not less than 4 percent of the floor area of habitable rooms. Such openings shall be openable and readily controllable by the building occupants. In lieu of required exterior openings for natural ventilation, a mechanical ventilating system may be provided. Such system shall be capable of providing air changes in accordance with the 2009 IECC as adopted and amended.

Section R303.3 Bathrooms. Delete this section in its entirety, rename and replace with the following:

Section R303.3 Bathrooms and Kitchens. Bathrooms, water closet compartments and similar rooms shall have a mechanical ventilating system connected directly to the outside capable of providing five air changes per hour located in an unconditioned space shall be insulated with a minimum R-11 and installed so as not to create low points where condensation may collect. All exhaust ducts shall be equipped with a back-draft damper. Kitchens shall have mechanical exhaust ventilation provided directly above or immediately adjacent to the primary cooking appliance. All vents shall be connected directly to the exterior. A total exhaust ventilation rate for the structure shall be a minimum of 80 cfm per 1000 square feet of habitable floor space. All exhaust ducts shall be equipped with a back draft damper. Structures of unusually tight construction containing fuel-burning appliances, including fireplaces and mechanically exhausted range-top cooking appliances shall be provided with supplemental supply air in accordance with the Mechanical Code. A draft activated damper allowing air to flow into the

PASSED

YES:

NO:

Abstained

structure when depressurization exceeds 10 pascals may be installed within a supply air duct.

Section R309.3 Flood hazard areas. Delete this section and refer to Title 15 Fairbanks North Star Borough Flood Management Regulations

Section R310.1.1 Minimum opening area. Delete the exception.

Section R 313 Automatic Fire Sprinkler Systems. Delete this section in its entirety.

Section 315.1 Carbon Monoxide Alarms. Delete this section in its entirety and replace as follows:

For new construction, an approved carbon monoxide alarm shall be installed outside of each separate sleeping area in the immediate vicinity of the bedrooms in dwelling units within which fuel-fired appliances are installed and in dwelling units that have attached garages. Carbon monoxide detectors shall be listed and installed in accordance with their listing. Combination carbon monoxide/smoke detectors are acceptable provided they are installed in accordance with this section and section R314.3 for sleeping room locations.

Exceptions:

1. Carbon monoxide detectors are not required in dwelling units that have no combustion appliances and that do not have an attached garage.
2. Carbon monoxide detectors are not required in dwelling units that have only direct vent combustion appliances and that do not have an attached garage.

Section R315.1.1 Interconnection. Add new subsection to read as follows:

In new construction, carbon monoxide detectors shall be interconnected in such a manner that the actuation of one alarm will activate all of the alarms in the individual dwelling unit. In new construction, carbon monoxide detectors shall receive their primary power from the building wiring where such wiring is served from a commercial source and shall be equipped with a battery back-up. Wiring shall be permanent and without disconnecting switch other than those required for over-current protection. In existing construction, carbon monoxide detectors shall be permitted to be battery powered or cord-and-plug type with battery back-up.

Section R315.2 Where required in existing dwellings. Amend this section by adding the following exceptions:

Exceptions:

1. Work involving the exterior surfaces of dwellings, such as the replacement of roofing or siding, or the addition or replacement of windows or doors, or the addition of a porch or deck are exempt from the requirements of this section.
2. Installation, alteration or repairs of plumbing or mechanical systems are exempt from the requirements of this section.

Section R318 Protection against subterranean termites. Delete this section in its entirety.

PASSED

YES:

NO:

Abstained

Section R322. Flood -Resistant Construction. Delete this section in its entirety and refer to Title 15 Fairbanks North Star Borough Flood Plain Management Regulations

Section R323 Storm Shelters. Delete this section in its entirety.

Section R324 Moisture Vapor Retarders. Create a new section and title to read as follows:

Section R324.1 Moisture control

The building design shall not create conditions of accelerated deterioration from moisture condensation. All exterior wall, ceiling, roof and floor assemblies which enclose heated spaces and which are exposed to outdoor ambient temperatures shall be protected against water vapor transmission. Assemblies not otherwise of impermeable construction shall have installed, on the heated side of the insulation or air spaces, vapor retarders having a perm rating of 0.06 minimum (equivalent to 6 mils polyethylene sheeting) or other material approved by the Building Official. All seams shall be lapped a minimum of one stud or joist bay or sealed with an approved tape or sealant. All voids between joists and studs all be insulated and sealed in an approved manner.

Exceptions:

1. In construction where moisture or its freezing will not damage materials.
2. One-third of the total installed insulation may be installed on the warm side of approved vapor retarders.

Section R324.2 Crawl space moisture protection. Create a new sub section and title to read as follows:

Crawl space moisture protection.

Exposed earth in crawl space foundations shall be covered with a continuous vapor retarder. All joints of the vapor retarder shall be overlapped by 6 inches or shall be sealed or taped in approved manner. The edges of the vapor retarder shall either extend over the concrete footing and secured in approved manner.

Section R401.3 Drainage. Delete the section and the exception and replace with the following:

Surface drainage shall be diverted to a storm sewer conveyance or other approved point of collection so as to not create a hazard. Lots shall be graded to drain surface water away from foundation walls. The grade shall be sloped a minimum of 2% within the first 10 feet. It shall be the responsibility of the owner or contractor to assure that discharge of roof and surface runoff is disposed of without affecting the adjacent property. Surface drainage across lot lines is prohibited.

Section R403.1 General. Delete the reference to "wood foundations" in the first sentence and add the following sentence to the end of the section to read as follows:

Wood footings shall be designed and stamped by a registered engineer licensed in the State of Alaska.

PASSED
YES:
NO:
Abstained

Section R 403.1.1 Minimum size. Delete this section in its entirety and replace as follows:

The footing width shall be based on the load-bearing value of the soil in accordance with Table R401.4.1. All footing and foundation systems shall comply with standard foundations details (SFD1-SFD8). In no case shall the minimum size for concrete and masonry footings be less than 1'-4". The size of footings supporting piers and columns shall be based on the tributary load and allowable soil pressure in accordance with table R401.4.1.

Table R403.1 Minimum width of concrete or masonry footings. Delete the table in its entirety and reference standard foundation details (SFD1-SFD8).

Section R403.1.3 Seismic reinforcing. Delete this section in its entirety and replace as follows:

Seismic reinforcing shall be provided in accordance with standard foundation details SFD1 through SFD8 unless reinforcing is specifically designed by a registered engineer licensed by the State of Alaska. Bottom reinforcement shall be located a minimum of 3 inches clear from the bottom of the footing.

Section R403.1.3.1 Foundations with stemwalls. Delete this section in its entirety and replace as follows:

Foundations with stemwalls shall have installed a minimum of two #4 bars within 6 inches of the top of the wall and one #4 bar located 3 inches to 4 inches above the top of the footing. All reinforcing steel shall comply with standard foundation details SFD1-SFD8 unless specifically designed and stamped by a registered engineer licensed by the State of Alaska.

Section R403.1.3.2 Slabs-on-ground with turned-down footings. Delete this section and the exception in its entirety and replace as follows:

Slabs-on-ground with turned-down footings shall be designed and stamped by an engineer licensed by the State of Alaska. Insulation for such slabs and footings shall be in accordance with section 403.3, figure 403.3(1) and table R403.3(1).

Section R403.1.4 Minimum depth. Delete this section in its entirety and replace as follows:

All exterior footings shall be placed at least 42 inches below finished grade unless the foundation system is designed by a registered engineer licensed by the State of Alaska. Where applicable the depth of footings shall also conform to sections R403.1.4.1 through R403.1.4.2. .

Exception:

1. Non habitable detached single story accessory structures less than 480 square feet.

Section R403.1.4.1 Frost protection. Amend this section by deleting the exceptions and replace as follows:

PASSED
YES:
NO:
Abstained

Exceptions:

1. Protection of non-habitable freestanding accessory single story structures with an area of 480 square feet or less shall not be required.
2. Decks not covered with a roof and decks which are not more than 30 inches above grade at any point need not be provided with footings that extend below the frost line.

Section R403.2 Footings for wood foundations. Delete this section in its entirety including references to figures R403.1 (2) and R403.1 (3) and replace as follows:

Wood foundations shall comply with standard foundation details SFD3 and SFD6 or the wood foundation system shall be specifically designed and stamped by a registered engineer licensed by the State of Alaska.

Section R403.3 Frost protected shallow foundations. Delete the first sentence and replace with the following:

Frost protected shallow foundations shall be designed and stamped by an engineer licensed in the State of Alaska. The design must be constructed in accordance with Sections R403.3.1 thru R403.3.3, including Figures R403.3(1), R403.3(3) or R403.3(4) and Table R403.3 (1).

Section R403.3.3 Drainage. Delete this section in its entirety and replace with the following:

Final site drainage shall be in accordance with Section R401.3

Section R403.3.4 Termite damage. Delete this section in its entirety.

Section R403.4.1 Crushed stone footings. Delete this section in its entirety.

Table R403.4 Minimum Depth of Crushed Stone footings. Delete this table in its entirety.

Section R404.1.1 Masonry foundation walls. Delete this section in its entirety and all references to tables R404.1.1 (1), R404.1.1 (2), R404.1.1 (3), R404.1.1 (4) and replace as follows:

The minimum design for masonry foundation walls shall comply with the Standard Foundation Details (SFD) #1, #4 or #7 unless an alternate foundation design has been prepared and stamped by a registered engineer licensed by the State of Alaska.

Section R404.1.2 Concrete foundation walls. Add the following sentence to the end of the paragraph.

The minimum design for concrete foundation walls shall comply with the Standard Foundation Details (SFD) #2, #5 or #8 unless an alternate foundation design has been prepared and stamped by an engineer licensed by the State of Alaska.

Table R404.1.2(1). Delete the table in its entirety and replace as follows:

PASSED
YES:
NO:
Abstained

Two #4 bars are required to be installed within the top 6 inches of the wall and one #4 bar shall be provided near mid-height of the wall story where the maximum unsupported height of the basement wall is greater than 4 feet and less than or equal to 8 feet. When the maximum unsupported height of basement wall is greater than 8 feet required reinforcing shall be installed in accordance with a design provided by a registered engineer licensed by the State of Alaska. Concrete foundation walls shall be laterally supported at the top and bottom. Horizontal reinforcement shall be provided in accordance with table R404.1.2(1) as amended. Vertical reinforcement shall be provided in accordance with Standard foundation Details SFD1-SFDB. In buildings assigned to Seismic Design Category 01 or concrete foundation walls shall also comply with Section R404.1.4.2.

Table R404.1.2(2). Delete this table in its entirety and replace as follows:

Minimum vertical reinforcement shall be installed in accordance with Standard Foundation Details SFD1-SFDB or shall be installed in accordance with a design provided by a registered engineer licensed by the State of Alaska.

Table R404.1.2(3). Delete this table in its entirety and replace as follows:

Minimum vertical reinforcement shall be installed in accordance with Standard foundation Details SFD1-SFDB or shall be installed in accordance with a design provided by a registered engineer licensed by the State of Alaska.

Table R404.1.2(4). Delete this table in its entirety and replace as follows:

Minimum vertical reinforcement shall be installed in accordance with Standard foundation Details SFD1-SFDB or shall be installed in accordance with a design provided by a registered engineer licensed by the State of Alaska.

Table R404.1.2(5). Delete this table in its entirety and replace as follows:

Vertical wall reinforcement shall be installed in accordance with the manufactures installation instructions or a design provided by a registered engineer license by the State of Alaska.

Table R404.1.2(6). Delete this table in its entirety and replace as follows:

Minimum vertical reinforcement shall be installed in accordance with the manufactures installation instructions or shall be installed in accordance with a design provided by a registered engineer licensed by the State of Alaska.

Table R404.1.2(7). Delete this table in its entirety

Table R404.1.2(8). Delete this table in its entirety and replace as follows:

Minimum vertical reinforcement shall be installed in accordance with Standard foundation Details SFD1-SFDB or shall be installed in accordance with a design provided by a registered

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NO:
Abstained

engineer licensed by the State of Alaska. Foundation walls in buildings assigned to seismic Design Category D1 as established in Table R301.2(1), supporting more than 4 feet of unbalanced backfill or exceeding 8 feet in height shall be constructed in accordance with Table R404.1.1 (2), R404.1.1 (3) or R404.1.1 (4) as amended or a design shall be provided by a registered engineer licensed by the State of Alaska. Masonry foundation walls shall have two #4 bars horizontal in bars located in the upper 6 inches of the wall.

Section R404.1.4.2 Concrete foundation walls. Delete this section in its entirety and replace as follows:

In buildings assigned to Seismic Design Category D1 as established in table R301.2(1), concrete foundation walls that support light -frame walls shall comply with this section and concrete foundation walls that support above-grade concrete walls shall comply with ACI 318, ACI 332 or PCA 100 (see section R404.1.2). In addition to the horizontal reinforcement by table R404.1.2(1) as amended concrete foundation walls shall comply with Standard Foundation Details SFD1-SFDB.

Section R404.2 Wood foundations. Delete this section in its entirety and replace as follows:

Wood foundation walls shall be constructed in accordance with the provisions of sections R404.2.1 through R404.2.6 and standard foundation details SFD3 and SFD6. An alternate design may be submitted for review and approval if the design is prepared and stamped by a registered engineer licensed by the State of Alaska.

Section R404.2.S Drainage and Dampproofing. Delete this section in its entirety and replace as follows:

Wood foundation basements shall be drained and dampproofed in accordance with Standard Foundation Details SFD3 and SFD6.

Section R40S.1 Concrete or masonry foundations. Delete this section in its entirety and replace as follows:

Concrete and masonry foundations shall be installed in compliance with Standard foundation details SFD1-SFDB. A drainage system is not required when the foundation is installed on well-drained ground or sand gravel mixture soils according to the Unified Soil Classification System, Group I soil, as detailed in Table R405.1.

Section R405.2 Wood foundations. Delete this section in its entirety and replace as follows:

Wood foundations shall comply with Standard foundation details SFD1-SFDB.

Section R405.2.1 Base. Delete this section in its entirety.

Section R405.2.3 Drainage system. Delete this section in its entirety.

Section R406.1 Concrete and Masonry Foundation Dampproofing. Amend this section by

PASSED

YES:

NO:

Abstained

revising the first sentence to read as follows:

Except where required by section R406.2 to be water proofed, foundation walls that retain earth and enclose interior spaces and floors below grade shall be dampproofed from the top of the footing to 6 inches above finished grade.

Section R406.1. Amend this section by adding exception #2 to read as follows:

2. Crawl space foundation walls or walls backfilled on both sides, such as those used in conjunction with a "slab on grade", do not require damp-proofing.

Section R406.3 Dampproofing for wood foundations. Amend this section by adding the following sentence to the end of the paragraph.

Foundation foundations shall comply with Standard foundation details SFD1-SFD8.

Section R406.3.2 Below-grade moisture barrier. Delete the first sentence and replace with the following:

A double layer of 6-mil polyethylene film shall be applied over the below-grade portion of the exterior foundation walls prior to backfilling. A single layer of self-adhering polymer modified bitumen sheet material may be used in lieu of the polyethylene film.

Section R406.3.2 Below-grade moisture barrier. Delete the last sentence of the paragraph and replace with the following:

The moisture barrier shall overlap onto the footing.

Section R40S.1 Ventilation. Delete this section in its entirety and replace with the following:

Each under-floor space shall be ventilated by an approved mechanical means or by openings in exterior foundation walls. Such openings shall have a net area of not less than 0.1 square foot for each 150 square feet of under-floor area. There shall be two openings located as close to corners as practical on opposite sides to provide cross ventilation. The openings shall be covered with corrosion resistant wire mesh approximately 1/4" in size. All structures with a crawl space shall have a minimum 6 mil ground vapor retarder to prevent the flow of water vapor from soils into the heated building interior.

Exception: Rough sawn, ungraded, dimensional lumber may be used for framing materials in floors, walls and roofs of detached garages, utility buildings and other unheated accessory building and other applications where approved by the Building Official.

Section 502.1.4.1 Usable space under floors. Add a new subsection to read as follows:

Usable space under floors. Usable space under the first story limited to daylight and full basements which are framed with light weight I joists shall be protected with a minimum of ½

PASSED
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NO:
Abstained

inch thick gypsum board applied directly to the ceiling.

Exceptions.

1. Conventional crawl spaces
2. Buildings equipped with an approved residential sprinkler system throughout.

Section 505.1.3.1 Protection of cold-formed steel floor joists. Add a new subsection to read as follows:

Protection of cold-formed steel joists. Usable space under the first story limited to daylight and full basements which are framed with steel joists shall be protected with a minimum of ½ inch thick gypsum board applied directly to the ceiling.

Exceptions.

1. Conventional crawl spaces
2. Buildings equipped with an approved residential sprinkler system throughout.

Section R601.3 Vapor retarders. Delete this section in its entirety including the exceptions and replace as follows:

Class I vapor retarders are required to be installed on the interior side of framed walls in Zone 8. The vapor retarder may be installed within the wall such that not less than 2/3 of the total wall R-value is placed on the cold side of the vapor retarder.

Exception: Construction where moisture or its freezing will not damage the materials.

Section 601.3.1 Class III vapor retarders. Delete this section in its entirety and refer to section R601.3 as amended.

Table R601.3.1 Class III Vapor Retarders. Delete this section in its entirety and refer to section R601.3 as amended.

Section R602.11.1 Wall anchorage. In the second sentence, replace "3 inch by 3 inch" with the following:

2 inch by 2 inch

Section R703.2 Water-resistive barrier. Delete this section in its entirety.

Section R802.10.2 Design. Add the following sentence to end of paragraph:

A 15% load duration increase shall not be utilized for wood trusses where the live load considered is snow.

Section 806.2 Minimum area. Amend this section by deleting the last sentence of the paragraph and replace as follows:

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YES:
NO:
Abstained

As an alternative, the net free cross-ventilation area may be reduced to 1/300 when a Class I Vapor barrier is installed on the warm-in-winter side of the ceiling.

Section S06.4 Unvented attic assemblies. Delete this section in its entirety.

Section RS07.1 Attic access. Add the following sentence to the end of the paragraph:

Attic access shall not be located in a room containing bathing facilities. Access may be located in closets with minimum depth of 23 inches and minimum width of 48 inches.

Exception:

Attic access may be provided from the exterior gable vent in accordance with size and opening requirements of this section. The gable vent must be readily accessible.

Section R903.1 General. Add the following sentence to the end of section:

1. All valleys shall have a modified bitumen ice barrier lapped eighteen inches minimum each side of valley centerline. No penetrations shall be located in required valley ice barrier.

Section R903.4 Roof drainage. Add the following sentence to the end of the paragraph:

Roof drainage shall be diverted to a storm sewer conveyance or other approved point of collection so as to not create a hazard. Lots shall be graded to drain surface water away from foundation walls. The grade shall be sloped a minimum of 2% within the first 10 feet. It shall be the responsibility of the owner or contractor to assure that discharge of roof and surface runoff is disposed of without affecting the adjacent property. Water drainage which migrates across property lines is strictly prohibited. Asphalt shingles shall be used only on roof slopes of two units vertical in 12 units horizontal or greater. Required underlayment shall be provided as follows: A roof slope of 2:12 shall be provided with an approved self-adhering polymer modified bitumen on the entire roof surface. A roof slope of 3:12 shall be provided with double underlayment in accordance with section R905.2.7. Roof slopes of 4:12 or greater shall be provided with a single layer of underlayment in accordance with section R905.2.7.

Section R90S.2.S Fasteners. Add an exception to read as follows:

Staples may be substituted for nails on new work only. They must be galvanized or stainless steel with a 1 inch crown and of sufficient length to completely penetrate the shingle and the roof sheathing. Staples must be straight and flush with the shingle surface.

Section R905.2.7 Underlayment application. Amend this section by deleting the first sentence and replace as follows:

A roof slope of 2: 12 shall be provided with an approved self-adhering polymer modified bitumen on the entire roof surface. A roof slope of 3:12 shall be provided with double underlayment in the following manner.

PASSED

YES:

NO:

Abstained

Section R905.2.7.1 Ice Barrier. Delete this section in its entirety and replace with the following:
Where a non-energy heel truss design is utilized, an approved self-adhering polymer modified bitumen sheet shall be installed on the roof deck extending from the eave up the roof to 36 inches inside the exterior wall line of the building.

Exception: Detached accessory structures that contain no conditioned floor area.

Section R90S.14 Sprayed polyurethane foam roofing. Delete this section in its entirety.

Chapter 11 Energy Efficiency. Delete this chapter in its entirety and reference the International Energy Conservation Code as currently adopted and amended.

MECHANICAL

Chapters 12-23. Delete these chapters and reference the Mechanical Code as currently adopted and amended by the City of North Pole.

FUEL GAS

Chapter 24. Delete this chapter and reference the Fuel Gas code as currently adopted and amended by the City of North Pole.

Chapters 25-31. Delete these chapters and reference the Plumbing Code as currently adopted and amended by the City of North Pole.

APPENDICES

Appendix K Sound Transmission. Adopt Appendix K Sound Transmission and revise section AK 102 AIR-BORNE Sound and section AK 103 Structural-Borne Sound to read as follows:

Section AK 102 AIRBORNE SOUND

Air-borne sound insulation for a wall and floor-ceiling assemblies shall meet a Sound Transmission Class (STC) rating of 50 when tested in accordance with ASTM E90. Penetrations or openings in construction assemblies for piping; electrical devices, recessed cabinets, bathtubs soffits or heating ventilating or exhaust ducts shall be sealed, lined, insulated or otherwise treated to maintain the required ratings. Dwelling unit entrance doors, which share a common space shall be tight fitting to the frame and sill and shall be provided with gasket seals at the top and sides of such doors.

Section AK 103 Structural-Borne Sound

Floor/ceiling assemblies between a dwelling unit and public space or service area within the structure shall have an impact insulation class (IIC) rating of not less than 50 when tested in accordance with ASTM E 492.

CITY OF NORTH POLE

ORDINANCE 12-09

**AN ORDINANCE OF THE CITY OF NORTH POLE AMENDING TITLE 15,
BUILDING AND CONSTRUCTION, CHAPTER 15.28, MECHANICAL CODE;
INTERNATIONAL MECHANICAL CODE, 2009 EDITION**

WHEREAS, changes to the North Pole Municipal Code is a continually changing requirement;
and

WHEREAS, the City of North Pole Municipal Code should be amended to conform to the
requirements of the City and to clarify questionable areas.

NOW, THEREFORE, BE IT ORDAINED by the Council of the City of North Pole:

Section 1. This ordinance is of a general and permanent nature and shall be codified.

Section 2. Amend Title 15 Building and Construction, Chapter 15.28, Mechanical Code;
International Mechanical Code, 2009 Edition as follows:

- *See Attached*

Section 3. Effective Date. This ordinance shall be effective at 5:00 pm on the first City
business day following its adoption.

PASSED AND APPROVED by a duly constituted quorum of the North Pole City Council this
5th day of March, 2012.

Douglas W. Isaacson, Mayor

ATTEST:

Kathryn M Weber, MMC
North Pole City Clerk

PASSED
YES:
NO:
Abstained

Chapter 15.28 Mechanical Code

15.28.010 Adoption.

~~The bound volumes containing the code known as the *International Mechanical Code*, 2006~~
2009 edition, as published by the International Conference of Building Officials, together with the local amendments as set forth in Chapter 15.28.040, shall constitute the laws of the city relating to building regulations. Where the *International Mechanical Code* conflicts with this code, this code shall prevail. ~~Copies~~ An electronic copy of the *International Mechanical Code* and referenced standards may be examined is retained at the city offices.

15.28.020 Modifications.

The building official shall have the power to modify any of the provisions of the *International Mechanical Code* adopted by this chapter upon application in writing by the owner or lessee or his duly authorized agent, when there are practical difficulties in the way of carrying out the strict letter of the code; provided, that the spirit of the code is observed, public safety secured, and substantial justice done. The particulars of the modification, when granted or allowed, and the decision of the building official thereon shall be entered upon the records of the department, and a signed copy shall be furnished the applicant.

15.28.030 Appeals.

Whenever the building official disapproves an application or refuses to grant a permit applied for, or when it is claimed that the provisions of the code have been misconstrued or wrongly interpreted, the applicant may appeal from the decisions of the building official to the mayor/city manager within thirty days from the date of the decision. The appointment of the appeals board will be on a case by case basis with the members of said board comprised of local design professionals, contractors, inspectors or other members of the public deemed knowledgeable of the subject matter by the mayor / city manager.

15.28.040 Local amendments to the *International Mechanical Code*, 2006 2009 edition.

The amendments to the 2011 edition of the *International Mechanical Code* are listed hereafter by section.

Delete section 15.28.040 in its entirety and replace with the following:

Sec. 10-101. Adoption.

The *International Mechanical Code 2009 Edition*, as published by the International Code Council, is hereby adopted by the City of North Pole

.

Sec. 10-102. Amendments.

Section 101.2.1 Appendices. Add the following to this section.

Appendix A as amended by the combustion air provisions of chapter 7 is hereby adopted. Except

PASSED
YES:
NO:
Abstained

Sponsored by: Mayor Douglas Isaacson

Introduced and Advanced: March 5, 2012

Passed: March 19, 2012

for sections 101, 102, and the following amendments, delete Chapter 1 in its entirety and refer to the Administrative Code for the City of Fairbanks Building Department.

Section 102.8 Referenced codes and standards. Revise and add two subsections at the end of this section as follows:

102.8.1 Plumbing. Where reference to any Plumbing Code is made in this Code it shall be taken to mean the *Uniform Plumbing Code* as adopted and amended by the City of North Pole.

102.8.2 Electrical. Where reference to any Electrical Code is made in this Code it shall be taken to mean the *National Electrical Code* as adopted and amended by the City of North Pole.

102.8.3 Administrative.

The provisions of the *1997 Uniform Administrative Code* shall apply to the administration and enforcement of this code. Where provisions of the *1997 Uniform Administrative Code* and this code conflict, the more restrictive text shall apply.

102.8.4 Energy. Where reference is made in this Code to the *International Energy Conservation Code* it shall be taken to mean the *IECC* as currently adopted by the City of North Pole.

Section 201.3 Terms defined in other codes. Revise this section as follows.

Where terms are not defined in this code and are defined in the *International Building Code*, *National Electrical Code*, *International Fire Code*, *International Fuel Gas Code*, or *Uniform Plumbing Code*, such terms shall have meanings ascribed to them in those codes.

Section 201.4 Terms not defined. Amend this section by adding the following sentence. *Webster's Third New International Dictionary of the English Language, Unabridged* shall be considered as providing ordinarily accepted meanings.

Section 301.2 Energy utilization. Delete this section in its entirety.

Section 301.7 Electrical. Add the following sentence to the end of this subsection.

When an existing fuel-fired appliance is not equipped with the required manual disconnect and the appliance is replaced, an approved manual disconnect within clear view of the appliance shall be installed.

Section 302.6 Penetration Weatherproofing. Add this section and the following after section 302.5.3.

Joints at roofs and exterior walls around pipes, ducts, appurtenances or equipment shall be made watertight by the use of approved materials.

Section 301.16 Carbon Monoxide Alarm. Add this section numbering, title, and the following

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YES:

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after section 301.15.

Where a fuel-fired appliance is installed or replaced in an existing dwelling an approved carbon monoxide alarm shall be installed outside of each separate sleeping area in the immediate vicinity of the bedrooms. A single station, battery-operated carbon monoxide alarm shall be listed as complying with UL 2034 and shall be installed according to the manufacturer's installation instructions.

Section 302.1.1 Pipe and Tubing embedded in concrete. Add this subsection with the following text.

Pipe and tubing embedded in concrete slabs or footings, including sleeves, shall not be placed at a depth below the top surface of the concrete of less than 1-inch for concrete exposed to earth or weather or $\frac{1}{2}$ -inch for concrete not exposed to earth or weather. They shall not be spaced closer than 3 diameters or widths from structural steel elements.

Section 303.4 Protection from damage. Add the following at the end of Section 303.4.

Fuel-fired equipment and appliances located within the direct perpendicular path of a garage door opening of eight foot or less in height shall comply with Section 303.4.1

303.4.1 Fuel-fired appliance protection. Fuel fired appliances and equipment located in the direct path of vehicles as described in 303.4 shall be protected from impact with one of the following methods.

1. A minimum schedule 40 nominal 3" diameter steel pipe 30" high, with a vertical face of the pipe at least 6" in the direction of vehicle approach and:

1.1 Buried a minimum 2'0" deep in compacted soil and imbedded in at least 4" nominal concrete slab, or

1.2 Set in a minimum 1'0" x 1'0" x 1'0" block of concrete (slab included).

2. A platform on which the equipment sits, at least 24" high, extended at least 6" greater than the equipment footprint (including attachments such as burners and controls) in the direction of vehicle approach and in contact with the structure opposite the direction of vehicle approach.

3. An approved system of equivalent resistance to vehicle impact extending at least 6" ahead of the equipment's footprint in the direction of vehicle approach, including attachments such as burners and controls.

Section 303.8 Elevator Shafts. Delete this section in its entirety and replace as follows.

Mechanical systems shall not be located in an elevator shaft except mechanical equipment and devices exclusively serving the elevator. Discharge piping from any sump pump shall exit the

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hoistway as low as practicable. Sump pumps shall be sized per the Uniform Plumbing Code as amended.

Section 304.1.1 Fuel-fired equipment startup report. Add this subsection as follows.

A startup report is required for all fan-assisted or power-burner fuel-fired equipment indicating the following conditions and others which the manufacturer recommends in their installation instructions. A non-returnable copy must be provided to the inspector for insertion in the Building Department project files. Company, Name, address, & Phone Number of Startup Technician Manufacturer and Model No. of Equipment Date and Time of Startup and Noted Readings Net Stack Temperature Overfire Draft Breech Draft Stack Draft CO or Smoke C02 or O2 Actual Rate of fuel input

Section 312.1 Load calculations. Delete the last sentence of this section and substitute the following.

Alternatively, design loads shall be determined by an approved equivalent computation procedure.

Section 401.4 Intake Openings. Add the following exception.

Exception:

Passive Outdoor Air intake openings, including opening doors and windows, shall not be located closer than 3 feet horizontally to any gas pressure regulator vent opening, unless such vent opening is located at least 3 feet above the air intake opening.

Section 401.5 Outdoor opening protection. Add an exception at the end of this section as follows:

Exception: HRV weatherhoods as provided by the respective unit's manufacturer may be used for its Intake and Exhaust Air openings.

TABLE 401.5
OPENING SIZES IN LOUVERS, GRILLES AND SCREENS PROTECTING OUTDOOR
EXHAUST AND AIR INTAKE OPENINGS

Delete Table 401.6 and replace with the following.

Section 403.3 Ventilation rate. Amend this section by revising the first sentence to read as follows.

Ventilation systems shall be designed to have the capacity to supply the minimum outdoor airflow rate determined in accordance with Table 403.3 based on the occupancy of the spaces and the occupant load or in accordance with the latest edition of ASHRAE Standard 62.

Section 501.2 Exhaust discharge. Delete the exceptions to this section.

Section 502.20 Nail Salons. Add this section.

The inlet to an exhaust system shall be located in the immediate area of heaviest concentration of contaminants. The permit holder shall verify capture and containment performance of the exhaust system. This field test shall be conducted with all sources of outdoor air providing makeup air operating and with all sources of recirculated air operating which provide conditioning for the space in which the capture & containment is required. Capture and containment shall be verified visually by observing smoke simulating contaminant emission.

OUTDOOR OPENING TYPE	MINIMUM AND MAXIMUM OPENING SIZES IN LOUVERS, GRILLES AND SCREENS MEASURED IN ANY DIRECTION
Exhaust & Intake openings in residential occupancies	% inch
Intake openings in other than residential occupancies	Not < % inch and not> 1 inch

Section 505.1 Domestic systems. Delete the first paragraph of this section and substitute the following.

Built-in Cook-top or Range-top domestic cooking appliances located within dwelling units and within areas where domestic cooking appliance operations occur shall be listed and labeled as household-type appliances for domestic use. A ventilating hood above, or an approved downdraft exhaust, shall be provided for a cook-top or range-top domestic cooking appliance, and shall discharge to the outdoors through a single-wall duct. The duct shall be sheet metal, of galvanized steel, stainless steel, aluminum or copper, airtight, and equipped with a backdraft damper. A microwave or cooking appliance that exhausts to the outdoors according to this section, is listed and labeled for installation over a cooking appliance, and conforms to the terms of the upper appliance's listing and label, shall be approved.

Delete exception #1.

Section 506.3.10 Grease duct enclosure. Add the following sentence at the end of this section's paragraph.

Duct enclosures penetrating wall assemblies shall have a fire-resistance rating of not less than

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YES:

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that required for the wall assembly, but not less than 1-hour nor more than 2-hour.

506.3.10.1 Shaft enclosure. Delete and replace the second sentence of this subsection with the following.

Such grease duct systems and exhaust equipment shall have a clearance to combustible construction of not less than 18 inches, and shall have a clearance to noncombustible construction and gypsum wallboard attached to noncombustible structures of not less than 3 inches.

Section 507.1 General. Amend this section by adding the following sentence.

Design documents for commercial hoods, commercial ventilation and makeup air systems shall be designed by and bear the stamp of a professional mechanical engineer currently registered in the State of Alaska.

Section 508.1 Makeup air. Amend this section by adding the following sentence.

Design documents for commercial hoods, commercial ventilation and makeup air systems shall be designed by and bear the stamp of a professional mechanical engineer currently registered in the State of Alaska.

Section 601.4 Contamination prevention. Amend this section numbering the published Exception as noted and adding Exception 2 as follows.

Exception 1. Exhaust systems

Exception 2.

Environmental air exhaust ducts under positive pressure may extend into or through ducts or plenums if one of the following design approaches is used.

- 1 Route environmental air exhaust ducts inside a shaft when passing through a duct or plenum. Install a second duct around the environmental air exhaust duct where passing through ducts and plenums to minimize leakage to the duct plenums. Seal both ends of the outer duct to the outside.
- 2 Install a second duct around the environmental air exhaust duct where passing through ducts and plenums to minimize leakage to the duct or plenum., Seal both ends of the outer duct to outside.
- 3 Seal the environmental air exhaust ducts along all seams and joints using a listed low to medium pressure duct sealant which is typically applied by brush, trowel or caulking gun.
- 4 Provide flexible duct with no seams in the duct or plenum. The maximum length of the flexible duct is limited to 8 feet due to high static loss. A metal duct may be sleeved by the flexible seamless duct.

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Section 602.1 General. Revise this section as follows.

Supply, return, exhaust, relief and ventilation air plenums shall be limited to areas above a ceiling or below the floor, attic spaces and mechanical equipment rooms. Plenums shall be limited to one fire area. Fuel-fired appliances shall not be installed within a plenum.

Exception: Underfloor crawlspaces shall not be used as plenums.

Section 604.1 General. Revise this section as follows.

Duct insulation shall conform to the requirements of sections 604.2 through 604.13. and the *International Energy Conservation Code*. All supply, return, and exhaust ducts and plenums shall be insulated with a minimum of R-11 insulation when located outside the building envelope. When located within a building envelope assembly, the duct or plenum shall be separated from the building exterior or unconditioned space or exempt spaces by a minimum of R-11 insulation.

Exceptions:

- 1 When located within equipment.
- 2 When the design temperature difference between the interior and exterior of the duct or plenum does not exceed 15 degrees F (8 degrees C).
- 3 When located within the under floor crawlspace of a one or two family dwelling unit.

607.4 Access and identification. Add the following between the 1st and 2nd sentences of this Section.

Access doors for fire dampers & smoke dampers shall be located as close as practicable to the dampers and also sized so fire damper spring catch and fusible links are accessible with two hands when the damper is closed. Duct access doors shall be a minimum size of 18 inches x 16 inches where the size of the duct permits, and a minimum size of 24 inches & 16 inches where entry of an individual is needed for the required minimum access.

CHAPTER 7 COMBUSTION AIR

Section 701.1 Scope. Delete this section in its entirety and substitute the following.

The provisions of this chapter shall govern the requirements for combustion and dilution air for fuel-burning appliances other than gas-fired appliances. Solid fuel-burning appliances shall be provided with combustion air in accordance with the appliance manufacturers' instructions. Oil-fired appliances shall be provided with combustion air in accordance with this chapter and, where not modified by this chapter, with Chapter 5 of NFPA 31. The methods of providing combustion air in this chapter do not apply to fireplaces and fireplace stoves.

Add the following after Section 701.1

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701.2 Combustion and dilution air required. Every room or space containing fuel-burning

appliances shall be provided with combustion air, including both air for complete fuel combustion and draft dilution, as required by this code. An approved engineered system may be used to provide combustion air as an alternative to the requirements of this chapter. An approved method shall be utilized to control the temperature of the room or space containing fuel-burning appliances. The room or space shall be maintained between 40 degrees F and 120 degrees F. The requirements for Combustion Air in this chapter do not include what might be needed for maintaining the ambient temperature of the room or space containing the fuel-burning equipment. Exhaust fans that create a negative draft in the room or space, or other fans that might create conditions of unsatisfactory combustion or venting, are not permitted unless electrically interlocked with the fuel-burning appliances to prevent simultaneous operation.

701 .3 Prohibited Sources.

Combustion air shall not be obtained from a hazardous location, except where the fuel-fired appliances are located within the hazardous location and are installed in accordance with this code. Combustion air shall not be taken from a refrigeration machinery room, except where a refrigerant vapor detector system is installed to automatically shut off the combustion process in the event of refrigerant leakage. Combustion air shall not be obtained from any location below the design flood elevation, a crawlspace, or an attic.

701.4 Outdoor openings.

Combustion air outdoor openings shall be located and protected according to Sections 401.4 and 401.5, as amended, and located at least 24 inches above grade.

702.0 Outdoor Air

702.1 Outdoor Air is required provided for combustion air.

Combustion air as required by this chapter shall not be supplied by infiltration.

702.2 Indirect-Connection, Passive-flow Combustion Air.

A minimum of one combustion air opening is required. The opening shall be sized with an effective opening to the outdoors of 1 square inch per 6000 Btu/h of the combined input rating of the fuel-burning appliances or according to Table 7 -1. The opening into the enclosure containing the appliances shall be located no lower in elevation than 2/3 the distance from the top of the finished floor to the bottom of the finished ceiling in the enclosure.

TABLE 7-1 OIL-FIRED APPLIANCE COMBUSTION AIR DUCT SIZING 702.3

Indirect-Connection, Forced-flow Combustion Air. Where combustion air is provided by a mechanical forced-air system, it shall be supplied at the minimum rate of 1 cfm per 3500 Btu/h of the combined input rating of all the fuel-burning appliances served. Each of the appliances served shall be electrically interlocked to the mechanical forced-air system so as to prevent operation of the appliances when the mechanical system is not in operation. Where combustion

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air is provided by the building's mechanical ventilation system, the system shall provide the specified combustion air rate in addition to the required ventilation air.

702.4 Direct-Connection.

Fuel-burning appliances that are listed and labeled for direct combustion air connection to the outdoors shall be installed in accordance with the manufacturer's installation instructions.

703.0 Combustion Air Ducts.

703.1 General. Indirect-Connection Combustion air ducts shall:

1. Be of galvanized steel complying with Chapter 6 or of equivalent rigid, corrosion-resistant material approved for this application.
2. Have a minimum cross-sectional dimension of 3 inches.
3. Terminate in an unobstructed space allowing free movement of combustion air to the appliances.
4. Have the same cross-sectional areas as the free area of the openings to which they connect. Each combustion air inlet shall only open into the appliance space with one, separate ducted opening of the required free area opening.
5. Serve a single appliance enclosure.
6. Any dampers installed within any part of a combustion air duct or opening shall be electrically interlocked with the firing cycle of the appliance served, so as to prevent operation of any appliance when the dampers are closed.

Section 801.21 Location and support of venting systems other than masonry chimneys. Add this new section with the following text.

Vent terminations that penetrate a metal roof with a slope greater than 2:12 shall be protected by an ice dam or deflector of a type and design approved by the Code Official.

Section 923.2 Small ceramic kilns-ventilation. Add this new section with the following text.

A canopy-hood shall be installed directly above each kiln. The face opening area of the hood shall be equal to or greater than the top horizontal surface area of the kiln. The hood shall be constructed of not less than No. 24 US gauge galvanized steel or equivalent and be supported at a height of between 12 inches and 30 inches above the kiln by noncombustible supports.

Exception: Each hood shall be connected to a gravity ventilation duct extending in a vertical direction to outside the building. This duct shall be of the same construction as the hood and shall have a minimum cross-sectional area of not less than one fifteenth of the face opening area of the hood. The duct shall terminate a minimum of 12 inches above any portion of a building within four feet and terminate no less than 4 feet from the adjacent property line or any openable window or other openings into the building. The duct opening to the outside shall be shielded, without reduction of duct area, to prevent entrance of rain into the duct. The duct shall be supported at each section by noncombustible supports. Provisions shall be made for air to enter

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Sponsored by: Mayor Douglas Isaacson

Introduced and Advanced: March 5, 2012

Passed: March 19, 2012

the room in which a kiln is installed at a rate at least equal to the air being removed through the kiln hood.

Section 1001.1 Scope. Amend exception #7 as follows.

7. Any boiler or pressure vessel subject to inspection by federal inspectors.

Section 1005.2 Potable water supply. Delete this section and its title in their entirety and substitute the following.

Section 1005.2 Water Supply.

An automatic means of water or heat transfer liquid makeup supply is required connected to all boilers. Connections to the potable water piping system shall be in accordance with the *Uniform Plumbing Code* as amended.

Section 1006.7 Boiler safety devices. Amend this section by adding the following and Table 10-3 of the 2009 *Uniform Mechanical Code*.

Automatic boilers shall be equipped with controls and limit devices as set forth in Table 10-3.

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Boiler Group	Fuel	Fuel Input Range (inclusive), Btu/h	Type of Pilot	Safety Control Timing (Nominal Maximum Time in Seconds)				Assured Fuel Supply Control	Assured Air Supply Control	Low Fire Start Up Control	Pre-purging Control	Hot Water	Steam Pressure and Low Water Limit Controls
				Trial for Pilot	Trial for Main Burner Flame		Main Burner Flame Failure					Temperature and Low Water Limit Controls	
					Direct Electric Ignition	Flame Pilot							
A	Gas	0-400,000	Any type	90	Not Required	90	90	Not required	Required	Not required	Not required	Required	Required
B	Gas	400,001-2,500,000	Interrupted or intermittent	15	15	15	2-4	Not required	Required	Not required	Not required	Required	Required
C	Gas	2,500,001-5,000,000	Interrupted or intermittent	15	15	15	2-4	Required	Required	Required	Required	Required	Required
D	Gas	Over 5,000,000	Interrupted	15	15	15	2-4	Required	Required	Required	Required	Required	Required
E	Oil	0-400,000	Any type	Not Required	90	90	90	Not required	Required	Not required	Not required	Required	Required
F	Oil	400,001-1,000,000	Interrupted	Not Required	30	30	2-4	Required	Required	Not required	Not required	Required	Required
G	Oil	1,000,001-3,000,000	Interrupted	Not Required	15	15	2-4	Required	Required	Not required	Not required	Required	Required
H	Oil	Over 3,000,000	Interrupted	15	15	60	2-4	Required	Required	Required	Required	Required	Required
K	Electric	All	Not required	Not required	Not required	Not required	Not required	Not required	Not required	Not required	Not required	Required	Required
L	Gas, Oil and/or Coal	12,500,000 or more	Any	10 sec per NFPA 85	Per NFPA 85	Per NFPA 85	Per NFPA 85	Per NFPA 85	Per NFPA 85	Per NFPA 85	Per NFPA 85	Per ASME Power Boiler Code, Section I and NFPA 85	Per ASME Power Boiler Code Section I and NFPA 85
M	Heat Recovery Steam Generator	Any	None	Per NFPA 85	Per NFPA 85	Per NFPA 85	Per NFPA 85	Per NFPA 85	Per NFPA 85	Per NFPA 85	Per NFPA 85	Per ASME Boiler & Pressure Code & NFPA 85	Per ASME Boiler & Pressure Code & NFPA 85

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FOOTNOTES FOR TABLE 10-3

1. Fuel input shall be determined by one of the following:
 - (a) The maximum burner input as shown on the burner nameplate or as otherwise identified by the manufacturer.
 - (b) The nominal boiler rating, as determined by the building official, plus twenty-five percent (25%).
2. Automatic boilers shall have one flame failure device on each burner, which shall prove the presence of a suitable ignition source at the point where it will reliably ignite the main burner, except that boiler groups A, B, E, F, and G, which are equipped with direct electric ignition, shall monitor the main burner, and all boiler groups using interrupted pilots shall monitor only the main burner after the prescribed limited trial and ignition periods. Boiler group A, equipped with continuous pilot, shall accomplish 100 percent shutoff within ninety (90) seconds upon pilot flame failure. The use of intermittent pilots in boiler group C is limited to approved burner units.
3. In boiler groups B, C, and O a 90-second main burner flame failure limit may apply if continuous pilots are provided on manufacturer assembled boiler-burner units that have been approved by an approved testing agency as complying with nationally recognized standards approved by the building official. Boiler groups F and G equipped to re-energize their ignition systems within 0.8 second after main burner flame failure will be permitted thirty (30) seconds for group F or fifteen (15) seconds for group G to reestablish their main burner flames.
4. Boiler groups C and D shall have controls interlocked to accomplish a non-recycling fuel shutoff upon high or low gas pressure, and boiler groups F, G, and H using steam or air for fuel atomization shall have controls interlocked to accomplish a non-recycling fuel shutoff upon low atomizing steam or air pressure. Boiler groups F, G, and H equipped with a preheated oil system shall have controls interlocked to provide fuel shutoff upon low oil temperature.
5. Automatic boilers shall have controls interlocked to shut off the fuel supply in the event of draft failure if forced or induced draft fans are used or, in the event of low combustion airflow, if a gas power burner is used. Where a single motor directly driving both the fan and the oil pump is used, a separate control is not required.
6. Boiler groups C, O, and H, when firing in excess of 400,000 Btu per combustion chamber, shall be provided with low fire start of its main burner system to permit smooth light-off. This will normally be a rate of approximately one-third of its maximum firing rate.
7. Boiler groups C, D, and H shall not permit pilot or main burner trial for ignition operation before a purging operation of sufficient duration to permit a minimum of four complete air changes through the furnace, including combustion chamber and the boiler passes. Where this is not readily determinable, five complete air changes of the furnace, including combustion chamber up to the first pass, will be considered equivalent. An atmospheric gas burner with no mechanical means of creating air movement or an oil burner that obtains two-thirds or more of the air required for combustion without mechanical means of creating air movement shall not require purge by means of four air changes, so long as its secondary air openings are not

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provided with means of closing, If such burners have means of closing secondary air openings, a time delay must be provided that puts these closures in a normally open position for four minutes before an attempt for ignition. An installation with a trapped combustion chamber shall, in every case, be provided with a mechanical means of creating air movement for purging.

8. Every automatic hot-water-heating boiler, low-pressure hot-water-heating boiler, and power hot water boiler shall be equipped with two high-temperature limit controls with a manual reset on the control, with the higher setting interlocked to shut off the main fuel supply, except that manual reset on the high-temperature limit control shall not be required on any automatic package boiler not exceeding 400,000 Btu/h input and that has been approved by an approved testing agency. Every automatic hot-water heating, power boiler, and package hot-water supply boiler shall be equipped with one low-water level limit control with a manual reset interlocked to shut off the fuel supply, so installed as to prevent damage to the boiler and to permit testing of the control without draining the heating system, except on boilers used in Group R Occupancies of less than six units and in Group U Occupancies and further, except that the low-water level limit control is not required on package hot-water supply boilers approved by a nationally recognized testing agency. However, a low-water flow limit control installed in the circulating water line may be used instead of the low-water level limit control for the same purpose on coil-type boilers.

9. Every automatic low-pressure steam-heating boiler, small power boiler, and power steam boiler shall be equipped with two high-steam pressure limit controls interlocked to shut off the fuel supply to the main burner with manual reset on the control, with the higher setting and two low water-level limit controls, one of which shall be provided with a manual reset device and independent of the feed water controller. Coil-type flash steam boilers may use two high-temperature limit controls, one of which shall be manually reset in the hot water coil section of the boiler instead of the low-water level limit control.

10. Boiler groups C, D, and H shall use an approved automatic reset safety shutoff valve for the main burner fuel shutoff, which shall be interlocked to the programming control devices required. On oil burners where the safety shutoff valve will be subjected to pressures in excess of ten (10) psi when the burner is not firing, a second safety shutoff valve shall be provided in series with the first. Boiler groups C and D using gas in excess of one (1) pound-per-square inch pressure or having a trapped combustion chamber or employing horizontal fire tubes shall be equipped with two approved safety shutoff valves, one of which shall be an automatic reset type, one of which may be used as an operating control, and both of which shall be interlocked to the limit-control devices required. Boiler groups C and D using gas in excess of one (1) pound per square inch pressure shall be provided with a permanent and ready means for making periodic tightness checks of the main fuel safety shutoff valves.

11. Control and limit device systems shall be grounded with operating voltage not to exceed 150 volts, except that, upon approval by the building official, existing control equipment to be reused in an altered boiler control system may use 220 volt single phase with one side grounded, provided such voltage is used for all controls. Control and limit devices shall interrupt the ungrounded side of the circuit. A readily accessible means of manually disconnecting the control circuit shall be provided with controls so arranged that when they are de-energized, the burner

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shall be inoperative.

1006.8 Electrical requirements. Add the following sentence and exception to this subsection.

The required means of disconnect shall be within clear view of the boiler burner.

Exception: Where it is not possible for personnel to position themselves out of clear view of the means of disconnect while maintaining the boiler, the capability of being locked in the off position shall not be required of the means of disconnect.

Section 1007 BOILER LOW-WATER CUTOFF Delete this section in its entirety and refer to Section 1006.7 as amended.

Section 1101. 11 Installation Identification. Add this subsection with the following text.

Each refrigerating system erected on the premises shall be provided with legible permanent signage, securely attached and easily accessible, as required in sections 1101.11.1 -1101.11.3. In the event that the type or amount of refrigerant or other indication is changed, the signs must be changed or replaced to indicate the new conditions.

1101.11.1 Each system shall be provided a sign indicating:

- (a) the name and address of the installer,
- (b) the refrigerant number and amount of refrigerant,
- (c) the lubricant identity and amount, and
- (d) the field test pressure applied

1101.11.2 Systems containing more than 110 lb. of refrigerant and consisting of controls and piping shall be provided signs having letters at least .5 inches in height indicating:

- (a) Each valve or switch that controls the refrigerant flow, the machinery room ventilation, and the compressors
- (b) The specific fluid, whether a refrigerant or secondary coolant, that is contained in exposed piping outside of the refrigerating machinery room. Valves or the piping adjacent to the valves shall be labeled in accordance with ANSI A 13.1.

1101.11.3 Each Refrigeration Machinery Room entrance must have in clear view a sign reading: "Machinery Room -Authorized Personnel Only. -Only those trained in emergency procedures if the Refrigerant alarm is activated."

Section 1105.3 Refrigerant detector. Amend this section by adding a second sentence to read as follows.

Refrigerant detectors shall alarm both inside and outside the machinery room and refrigerated space.

Section 1105.6.2 Makeup air. Amend this section as follows.

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Provisions shall be made for makeup air to replace that being exhausted. Openings for makeup air shall be located to avoid intake of exhaust air. Supply and exhaust ducts to the machinery room shall serve no other area, shall be constructed in accordance with Chapter 5 and shall be covered with corrosion-resistant screen of not less than 1/8-inch mesh.

Section 1205.1.3 Pressure vessels. Add the following exception to this subsection.

Exception: Shutoff valves for diaphragm-type expansion tanks in systems installed with a single expansion tank of 12-gallon water volume or smaller, shall not be required.

Section 1205.1.6 Expansion Tanks. Delete this subsection in its entirety.

Section 1301.1 Scope. Amend this section as follows.

The design, installation, construction and repair of fuel oil and waste oil storage and piping shall be in accordance with this chapter and NFPA 31. The storage of fuel oil and flammable and combustible liquids shall be in accordance with the *International Fire Code*.

Section 1301.4 Fuel tanks, piping and valves. Amend and add to this section as follows.

The tank, piping and valves for appliances burning oil shall be installed in accordance with the requirements of this chapter. The oil supply line is required to be taken from the top of the tank only, and where the level of fuel within the tank may be above the inlet port of the appliance served an approved method to prevent siphoning from the tank must be provided. If the tank is located inside a building, emergency pressure relief venting is required to the exterior.

1301.4.1 Day tanks or supply tanks. Day tanks shall be installed in accordance with this code and NFPA 31.

1301.4.1.1 A day tank or supply tank of (60) gallons or less may be installed for generators, boilers and water heaters within a boiler or mechanical room provided a (1)-hour fire-resistive occupancy separation is constructed around the room containing the equipment being served and the day tank or supply tank.

1301.4.1.2 Day tanks or supply tanks which exceed (60) gallons shall be installed in accordance with the following requirements:

- A. A sprinkler system as approved by the Fire Department is required for the mechanical room.
- B. The room containing the day tank or supply tank shall be located on an exterior wall.
- C. Two exits shall be provided from the boiler room or mechanical room. One exit shall open directly to the exterior and be accessible to fire-fighting personnel.
- D. A (2)-hour fire resistive occupancy separation shall be provided around the boiler room or mechanical room.

1301.4.2 Waste oil tanks.

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Tanks installed inside buildings for the collection of class IIIB motor vehicle waste oil and connected to listed oil-burning appliances shall be restricted to Group 8-1 and motor vehicle related occupancies as referenced by the *International Building Code*. Waste oil tanks located outside of central heating enclosures shall be limited to 500 gallon cumulative capacity, be provided with approved emergency pressure relief venting and shall be equipped with a hinged cap. All oil lines shall be equipped with a spring-loaded fusible valve located immediately adjacent to the tank shell.

Waste oil tanks exceeding 500-gallon capacity and connected to waste oil-burning appliances shall be enclosed in a separate one-hour fire-resistive occupancy separation, be provided with approved emergency pressure relief venting and shall be surrounded by a four(4) -inch high non-combustible curb.

Waste oil tanks located inside of central heating plant enclosures or generator mechanical rooms shall conform to section 1301.4.1 as amended.

Upon approval of the Fire Chief, listed waste oil heaters may be located in other occupancy groups provided the tanks are installed outside of the building in accordance with chapter 15 of the International Mechanical Code and NFPA 31 Chapter 12, or installed in compliance with IMC section 1301.4.1.

PASSED
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NO:
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CITY OF NORTH POLE

ORDINANCE 12-10

**AN ORDINANCE OF THE CITY OF NORTH POLE AMENDING TITLE 15,
BUILDING AND CONSTRUCTION, CHAPTER 15.36, ELECTRICAL CODE;
INTERNATIONAL ELECTRICAL CODE, 2009 EDITION**

WHEREAS, changes to the North Pole Municipal Code is a continually changing requirement;
and

WHEREAS, the City of North Pole Municipal Code should be amended to conform to the
requirements of the City and to clarify questionable areas.

NOW, THEREFORE, BE IT ORDAINED by the Council of the City of North Pole:

Section 1. This ordinance is of a general and permanent nature and shall be codified.

Section 2. Amend Title 15 Building and Construction, Chapter 15.36, Electrical Code;
International Electrical Code, 2009 Edition as follows:

- *See Attached*

Section 3. Effective Date. This ordinance shall be effective at 5:00 pm on the first City
business day following its adoption.

PASSED AND APPROVED by a duly constituted quorum of the North Pole City Council this
5th day of March, 2012.

Douglas W. Isaacson, Mayor

ATTEST:

Kathryn M Weber, MMC
North Pole City Clerk

PASSED
YES:
NO:
Abstained

Chapter 15.36 Electrical Code

15.36.010 Adoption.

The ~~bound volumes containing~~ the code known as the *National Electrical Code*, 2008 **2011** edition, of the National Fire Protection Association, and every part thereof, together with the local amendments as set forth in Chapter 15.36.040, shall constitute the laws of the city relating to electrical installations. ~~Copies~~ **An electronic copy** of the *National Electrical Code* ~~may be examined~~ **is retained** at the city offices.

15.36.020 Modifications.

The building official shall have the power to modify any of the provisions of the *National Electrical Code* adopted by this chapter upon application in writing by the owner or lessee or his duly authorized agent, when there are practical difficulties in the way of carrying out the strict letter of the code; provided, that the spirit of the code is observed, public safety secured, and substantial justice done. The particulars of the modification, when granted or allowed, and the decision of the building official thereon shall be entered upon the records of the department, and a signed copy shall be furnished the applicant.

15.36.030 Appeals.

Whenever the building official disapproves an application or refuses to grant a permit applied for, or when it is claimed that the provisions of the code have been misconstrued or wrongly interpreted, the applicant may appeal from the decisions of the building official to the mayor/city manager within thirty days from the date of the decision. **The appointment of the appeals board will be on a case by case basis with the members of said board comprised of local design professionals, contractors, inspectors or other members of the public deemed knowledgeable of the subject matter by the mayor / city manager.**

15.36.040 Local amendments to the National Electrical Code, 2008 **2011** edition.

The amendments to the 2008 **2011** edition of the *National Electrical Code* are listed hereafter by section.

Delete section 15.36.040 in its entirety and replace with the following:

Sec. 10-277. Amendments. The *National Electrical Code*, 2011 edition, is hereby amended as follows:

Article 210.8 Ground-Fault Circuit-Interrupter Protection for Personnel. Add subsection (D) to read as follows:

(D) Day Care Facilities. In all day care facilities as defined by the current building codes adopted by the City of North Pole all 125-volt, single phase, 15-and 20-ampere receptacles installed where accessible to children shall have ground-fault circuit interrupter (GFCI) protection.

Article 210.52 Dwelling Unit Receptacle Outlets. Add subsection (I) to read as follows:

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YES:
NO:
Abstained

(J) Parking spaces. For each dwelling unit and mobile home, there shall be at least one exterior weather proof duplex receptacle on a separate 20-ampere GFCI circuit adjacent to on-site parking locations.

Article 220.52 Small Appliance, Laundry and Car Head bolt Heater Loads-Dwelling Unit. Add subsections (C) and (D) to read as follows:

(C) Car Head bolt Heater Loads. A feeder load of not less than 1500 volt-amperes shall be included for each individual 20 ampere branch circuit required by Article 210.52(e). This requirement also applies to Article 220.30,220.31,220.32,220.33.

(D) Commercial Parking Areas.

The minimum calculated load for car head bolt heater receptacles is 1200 volt amperes. If the service, feeder and branch circuit overcurrent protective devices are located outside then 1200 volt amperes for the first 30 spaces, 1000 volt amperes for the next 30 spaces and 800 volt amperes for each space over 60 will be allowed.

Article 230.9(A) Clearances. Amend as follows:

Service conductors installed as open conductors or multi-conductor cable without an overall outer jacket shall have a clearance of not less than 900 mm (3 ft) from windows that are designed to be opened, doors, porches, balconies, ladders, stairs, fire escapes, building attic gable vents, or similar locations.

Article 230.11 Service Detail Requirements. Add a new section as follows:

Service installations shall comply with the details of **Exhibit #1 Residential Service**.

Article 230.12 Temporary Power Service. Add a new section as follows:

Temporary Services shall comply with the details of **Exhibit #2 Temporary Service**.

Article 230.24(B) Vertical Clearance for Service-Drop Conductors. Amend as follows:

(1) 3.81 m (12.5 ft) -at the electric service entrance to buildings, also at the lowest point of the drip loop of the building electric entrance, and above areas or sidewalks accessible only to pedestrians, measured from final grade or other accessible surface only for service-drop cables supported on and cabled together with a grounded bare messenger where the voltage does not exceed 150 volts to ground.

(2) 3.81 m (12.5 ft) -over residential property and driveways, and those commercial areas not subject to truck traffic where the voltage does not exceed 300 volts to ground.

Article 230.26 Point of Attachment. Amend as follows:

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YES:
NO:
Abstained

In no case shall this point of attachment be less than 3.81 m (12.5 ft) above finished grade.

Article 230.28 Service Masts as Supports. Add subsections (A), (B), (C), (D) to read as follows:

(A) General. When the overhead service is installed on the eave side of a structure with a pitched roof, the service mast conduit shall extend through the roof.

(B) Conduit Size. The conduit size shall be a minimum of two inches rigid metal or intermediate metal conduit and must extend at least three feet above the roof surface. If couplings are used in the installation, they must be located below the roof overhang.

(C) Guyed Support. The service mast conduit when installed through the roof shall be guyed to the roof with a minimum 5/8 inches galvanized closed eyebolt using a minimum of 1/8 inches stranded stainless steel wire aircraft cable with four approved clamps. If the service mast conduit extends above the roof over four feet in length, then a double V-guy installation is required.

(D) Protection of Meter. When the eave overhang is less than eighteen inches, additional protection shall be required to protect the meter from snow and ice damage by a minimum of an 18 gauge galvanized metal hood or equivalent extending over the meter.

Article 230.41 Insulation of Service Entrance Conductors. Add the following:

Individual ungrounded service entrance conductors shall be XHHW, RHW, or R-Type insulation approved for exterior use. No other insulation is acceptable.

Article 230.54(F) Drip Loops. Add the following:

For 100 ampere service, leave 18 inches of conductors, for 200 ampere and larger, leave 24 inches of conductors extending out of the weather head.

Article 230. 70(A)(l) Location. Add the following:

If installed inside, a means to disconnect all conductors in the building from the service entrance conductors shall be provided on the building exterior

Article 230. 70(A)(3) Remote Control. Add the following subsections:

- (a) The remote control device shall be a key switch approved by the Fire Department.
- (b) The key switch shall shut down the electrical power for the entire building.
- (c) If a facility is equipped with a generator, a key switch shall be installed to shut down the generator in the event of an emergency. This switch shall be located adjacent to the electrical service remote control key switch or the electrical service disconnect.
- (d) Key switch locations shall be marked with a visible sign indicating "Fire Department Use Only" and "Generator Disconnect".

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NO:
Abstained

Article 230.70(A)(4) Add subsection (4):

(4) Natural and Liquid Petroleum Gas. Electrical equipment (i.e.: service disconnect, electrical meters, receptacles, etc.) shall be installed not less than 5 feet from any LPG tank installation and related regulators, etc. or NG meter and regulators. If the gas equipment is installed less than 5 feet to the electrical equipment, then the electrical equipment shall meet the requirements of Article 500 and 501 of the National Electrical Code.

Article 230. 70(B) Marking. Add the following:

When there is more than one meter on any single service, they shall be permanently identified with numbers painted on the meter base at least one inch in height or identified by other approved means that corresponds to the number on the unit served.

Article 250.66(B) Connections to Concrete Encased Electrodes. Amend the following:

Where the grounding electrode conductor is connected to a concrete encased electrode as permitted in 250.52(A)(3) a #4 AWG bare copper conductor consisting of at least 6.0 m (20 ft) in length shall be installed in the footing for a 100-200 ampere service. A #2 AWG bare copper conductor shall be installed in the footing for 225-300 ampere service. A 1/0 AWG bare copper conductor is required for a 350-400 ampere service. A 2/0 AWG bare conductor is required for a 450-500 ampere service and 3/0 AWG bare conductor is required for services greater than 500 amperes.

Article 410.36(B) Suspended Ceilings. Add the following exception:

Exception: When the light fixtures are supported seismically in accordance with the current building codes adopted by the City of North Pole the above supports are not required.

Article 700.12(B) Generator Set. Add subsection (7):

(7) The generator shall have an exterior disconnect located adjacent to service disconnect to prevent the generator from starting when the normal power is turned off in case of an emergency or fire. A weatherproof sign shall be installed adjacent to the service disconnect that reads: Emergency Generator Disconnect Switch.

PASSED
YES:
NO:
Abstained

CITY OF NORTH POLE

ORDINANCE 12-11

**AN ORDINANCE OF THE CITY OF NORTH POLE AMENDING TITLE 15,
BUILDING AND CONSTRUCTION, CHAPTER 15.42, PLUMBING CODE;
INTERNATIONAL PLUMBING CODE, 2009 EDITION**

WHEREAS, changes to the North Pole Municipal Code is a continually changing requirement;
and

WHEREAS, the City of North Pole Municipal Code should be amended to conform to the
requirements of the City and to clarify questionable areas.

NOW, THEREFORE, BE IT ORDAINED by the Council of the City of North Pole:

Section 1. This ordinance is of a general and permanent nature and shall be codified.

Section 2. Amend Title 15 Building and Construction, Chapter 15.42, Plumbing Code;
International Plumbing Code, 2009 Edition as follows:

- *See Attached*

Section 3. Effective Date. This ordinance shall be effective at 5:00 pm on the first City
business day following its adoption.

PASSED AND APPROVED by a duly constituted quorum of the North Pole City Council this
5th day of March, 2012.

Douglas W. Isaacson, Mayor

ATTEST:

Kathryn M Weber, MMC
North Pole City Clerk

PASSED
YES:
NO:
Abstained

Chapter 15.42 Plumbing Code

15.42.010 Adoption.

~~The *Uniform Plumbing Code*, 2006 edition, to include Appendix A, B, D, E, F, I, K, and L as published by the International Association of Plumbing and Mechanical Officials, together with the local amendments as set forth in Chapter 15.42.040, is hereby adopted.~~

The code known as the *Uniform Plumbing Code*, 2009 edition, of the International Association of Plumbing and Mechanical Officials, and every part thereof, together with the local amendments as set forth in Chapter 15.42.040, shall constitute the laws of the city relating to plumbing. An electronic copy of the *Uniform Plumbing Code* is retained at the city offices.

15.42.020 Modifications.

The building official shall have the power to modify any of the provisions of the *Uniform Plumbing Code* adopted by this chapter upon application in writing by the owner or lessee or his duly authorized agent, when there are practical difficulties in the way of carrying out the strict letter of the code; provided, that the spirit of the code is observed, public safety secured, and substantial justice done. The particulars of the modification, when granted or allowed, and the decision of the building official thereon shall be entered upon the records of the department, and a signed copy shall be furnished the applicant.

15.42.030 Appeals.

Whenever the building official disapproves an application or refuses to grant a permit applied for, or when it is claimed that the provisions of the code have been misconstrued or wrongly interpreted, the applicant may appeal from the decisions of the building official to the mayor/city manager within thirty days from the date of the decision. **The appointment of the appeals board will be on a case by case basis with the members of said board comprised of local design professionals, contractors, inspectors or other members of the public deemed knowledgeable of the subject matter by the mayor / city manager.**

15.42.040 Local amendments to the Uniform Plumbing Code, ~~2006~~ 2009 edition.

The *Uniform Plumbing Code*, ~~2006~~ 2009 edition is hereby amended as follows:

Delete section 15.42.040 in its entirety and replace with the following:

The *Uniform Plumbing Code 2009 Edition*, to include Appendix A, B, D, E, F, I, K, and L, as published by the International Association of Plumbing and Mechanical Officials, is hereby adopted by the City of North Pole.

Sec. 10-137. Amendments.

CHAPTER 1 ADMINISTRATION

Section 101.2 Purpose. Add subsections to read as follows:

101.2.1 Referenced Codes.

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The technical codes as referenced elsewhere in this code shall be considered part of the requirements of this code to the prescribed extent of each reference. References to *NFPA 54* and the *Uniform Mechanical Code* shall be replaced with adopted codes specified in sections 101.2.1.1 and 101.2.1.2.

101.2.1.1 Gas.

The provisions of the *International Fuel Gas Code* shall apply to the installation of fuel gas piping from the point of delivery, gas appliances and related accessories as covered in this code. These requirements apply to gas piping systems extending from the point of delivery to the inlet connections of appliances and installation and operation of residential and commercial gas appliances and related accessories.

101.2.1.2 Mechanical.

The provisions of the *International Mechanical Code* shall apply to the installation, alterations, repairs and replacement of mechanical systems, including equipment, appliances, fixtures, fittings and/or appurtenances, including ventilating, heating, cooling, air-conditioning and refrigeration systems, incinerators and other energy-related systems.

101.2.1.3 Administrative.

The provisions of the *Administrative Code* for the City of North Pole Building Department shall apply to the administration and enforcement of this code. Where provisions of the *Administrative Code* and this code conflict, the more restrictive test shall apply.

101.2.1.4 Building.

The provisions of the *International Building Code* shall apply where reference is made to the Building Code in this document.

Section 101.4.1.4 Conflicts Between Codes. Delete this section in its entirety and replace with the following:

When conflicts occur between this code and other technical codes, those provisions providing the greater safety to life shall govern. In other conflicts, between this code and other codes or laws, where sanitation, life safety or fire safety are not involved, the most restrictive provisions shall govern. Where in a specific case different sections of these codes specify different materials, methods of construction or other requirements, the most restrictive shall govern. When there is a conflict between a general requirement and a specific requirement, the specific requirement shall be applicable.

Section 102.3.2 Penalties. Delete this section in its entirety and replace with the following:

Any person who violates a provision of this code or fails to comply with any of the requirements

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thereof or who erects, constructs, alters, or repairs any plumbing in violation of the approved construction documents or directive of the building official, or of a permit or certificate issued under the provision of this code or other codes adopted by this jurisdiction shall be subject to penalties prescribed by law.

Section 103.1.1 Permits required. Add the following subsection.

Section 103.1.1.1 Emergency Repairs. Where equipment or piping system replacement must be performed in an emergency situation, the permit application shall be submitted to the building official within 72 hours of such emergency. All required inspections shall be conducted.

Section 103.2 Application for Permit. Add the following subsection.

Section 103.2.4 Deferred Submittals. For the purposes of this section, deferred submittals are defined as those portions of the design which are not submitted at the time of the application and which are to be submitted to the building official within a specified period. Deferral of any submittal items shall have prior approval of the building official. The architect or engineer of record shall list the deferred submittals on the plans and shall submit the deferred submittal documents for review by the building official. Submittal documents for deferred submittal items shall be submitted to the architect or engineer of record who shall review them and forward them to the building official with a notation indicating that the deferred submittal documents have been reviewed and that they have been found to be in general conformance with the design of the building. The deferred submittal items shall not be installed until their design and submittal documents have been approved by the building official.

Section 103.3.1 (Permit) Issuance. Delete the second paragraph of this section and replace with the following.

When the building official issues a permit, the construction documents shall be approved by separate letter or plan review stating, or the plans shall be stamped as, "Reviewed and Approved for Code Compliance". Work shall be installed in accordance with the approved construction documents. Changes to the approved set of construction documents that affect code compliance are prohibited unless amended documents are resubmitted by the appropriate design professional for review and approval before such modification is constructed in the field.

Section 103.4.1 Permit Fees. Delete Section 103.4.1 in its entirety and refer to Table 3-D of the City of North Pole *Administrative Code*.

103.4.2 Plan Review Fees. Delete Section 103.4.2 in its entirety and replace with the following:

When submittal documents are required by Section 103.2.2, a plan review fee shall be paid. The plan review fee shall be paid when the review has been completed. The plan review fee shall be paid in conjunction with the plumbing permit fee. The plan review fee is not required to be paid at the time of plan or application submittal. The plan review fee shall be 75 percent of the plumbing permit fee as shown in Table 3-0. The plan review fee for projects where plan are not received prior to commencement of construction will be charged a fast track rate equal to one

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hundred percent (100%) of the plumbing permit fee. When submittal documents are incomplete or changes so as to require additional plan review or when the project involves deferred submittal items as defined in Section

103.2.4. an additional plan review fee shall be charged at the rate shown in Table 3-0.

103.4.2.1 Plan Check Fee Identical Building Construction. Create a new subsection and title as follows:

Section 103.4.2.1 Plan Check Fee Identical Building Construction. The plan check fee for identical buildings with the same building construction shall be reduced by 75% of the initial plan check fee when the following conditions are met;

- a. The structural framing and floor plan are identical
- b. Construction is simultaneous or in immediate sequence.

Section 103.4.4.2 (Investigation Fees: Work Without a Permit.) Delete this subsection and substitute the following:

A penalty fee, in addition to the permit fee, shall be collected whether or not a permit is then or subsequently issued. The payment of such investigation fee shall not exempt an applicant from compliance with all other provisions of either this or other adopted codes of the Authority Having Jurisdiction, nor from the penalty prescribed by law. The penalty fee for performing work without the required permit is \$750.

Section 103.4.5 Fee Refunds. Delete Subsection 103.4.5.2 and substitute the following:

Section 103.4.5.2 The building official may authorize refunding of not more than 80 percent of the permit fee paid when no work has been done under a permit issued in accordance with this code.

Section 103.5.2 Operation of Plumbing Equipment. Delete this section in its entirety and substitute the following:

The requirements of this section shall not be considered to prohibit the operation of any plumbing installed to replace existing equipment or fixtures serving an occupied portion of the building in the event a request for inspection of such equipment or fixture has been filed with the Authority Having Jurisdiction not more than 48 hours after such replacement work is complete, and before any portion of such plumbing systems is concealed by any permanent portion of the building.

Section 103.5.6.1 Corrections. Delete the second paragraph of this section and substitute the following:

Refusal, failure, or neglect to comply with any such notice or order within (180) days of receipt thereof, or other time limit as set forth in the notice or order, shall be considered a violation of this code and shall be subject to the penalties set forth elsewhere in this code for violations.

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NO:

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Section 103.5.6.3 Approval. Delete this section in its entirety and substitute the following:

Upon the satisfactory completion and final test of the plumbing system, an approval for use shall be issued by the Authority Having Jurisdiction to the permittee.

204.0 Building Thermal Envelope -Add the following definition to this section:

Building Thermal Envelope -For purposes of the plumbing code: the basement walls, exterior walls, floors, roofs, and any other building elements that enclose conditioned spaces, and frost-protected foundations. For frost-protected foundations with required horizontal insulation, the thermal envelope shall be considered to extend from the warm-in-winter side, to the projection of the vertical insulation, cold-in-winter exterior surface. For thermal envelope assemblies enclosing conditioned spaces, the thermal envelope assembly includes any vapor retarders.

205.0 Conditioned Space -Add the following Definition to this section:

Conditioned Space --For purposes of the plumbing code, space within a building that is provided with heating equipment or systems capable of maintaining, through design or heat loss, 50 degrees F during the heating season, or communicates directly with a conditioned space.

210.0 Hot Water -Delete this definition and substitute the following:

Hot Water -Water at a temperature exceeding or equal to 110 degrees F.

303.0 Disposal of Liquid Waste. Add the following sentence to this section:

Pit privies (outhouses), as defined by Alaska D.E.C. 18 AAC 72.030 & 7 AAC 10.9990(46)(B), are prohibited.

Section 313.6 (Pipe Freezing Protection) Delete 3.13.6 in its entirety and substitute the following:

All water, soil, waste, vent, or roof drainage piping shall be installed on the warm-in-winter side of the Building Thermal Envelope assembly, including any vapor retarders.

- Exception 1. Vent piping above the roof.
- Exception 2. Vent piping, other than wet vents, may be installed within exterior walls or above the roof/ceiling assembly where enclosed within at least R-B.B insulation. This insulation must be continuous from the piping penetration of the warm-in-winter surface of the thermal envelope to the underside of the piping's roof sheathing penetration. The insulation of the Building Thermal Envelope assembly may be used to meet this requirement.
- Exception 3. Underground Building Drain or Water Distribution piping outside the Building Thermal Envelope installed according to the circulation and insulation provisions of the latest revised standards of the local Public Water & Sewer Utility for water & sewer services.

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YES:
NO:
Abstained

- Exception 4. A system of frost protection that, is designed & sealed by a currently registered engineer or architect, including but not limited to heat trace installed according to Sections 301.1.1 & 310.4; and provided it is accessible for repair or replacement without excavation or removal of elements of construction.

Section 313.9 (Protection of Piping) Delete 313.9 and its Exception in their entirety and substitute the following:

In concealed locations where piping, other than cast-iron or steel, is installed through holes or notches in studs, joists, rafters or similar members less than 1½ inches from the nearest edge of the member, the pipe shall be protected by shield plates having a minimum thickness of 0.0575 inch (No. 16 gage) shall cover the area of the pipe where the member is notched or bored, and shall extend a minimum of 2 inches above sole plates and below top plates.

Section 313.12.4 (Rat proofing) Delete 313.12.4 in its entirety.

Section 407.5 Setting. Delete the Exception and substitute the following:

Exception: The installation of paper dispensers, sanitary napkin receptacles, or accessibility grab bars shall not be considered obstructions if located such that a minimum of 7 inches clearance is maintained in any direction from the outside surface of the usable portion of the fixture.

Section 408.2.2 (Water Closet Seats) Delete Subsection 408.2.2 and substitute the following:

Water closet seats for public use shall be of the elongated and open-front type.

Section 412.0 Minimum Number of Required Fixtures. Delete this section in its entirety and refer to Chapter 29 and Table 2902.1 as amended of the 2009 *IBC*.

Section 413.0 Fixtures and Fixture Fittings for Persons with Disabilities. Delete this section in its entirety and refer to Chapter 11 of the 2009 *IBC* and *ICC/ANSI A117.1-2003*.

Table 4-1 Minimum Plumbing Facilities. Delete this Table in its entirety and refer to table 2902.1 as amended of the 2009 *IBC*.

Section 501.0 General. Delete this section and substitute the following:

The regulations of this chapter shall govern the construction, location, and installation of fuel-burning and other water heaters heating potable water. All fuel and combustion air systems, chimneys, vents, and their connectors shall be regulated by the respective sections of the locally amended 2009 *International Mechanical Code* and the 2009 *International Fuel Gas Code*. The minimum capacity for water heaters shall be in accordance with the first hour rating listed in Table 5-1. All design, construction, and workmanship shall be in conformity with accepted engineering practices, manufacturer's installation instructions, and applicable standards and shall be of such character as to secure the results sought to be obtained by the respective Codes.

PASSED

YES:

NO:

Abstained

Section 503.0 Permits. Add the following exception:

Exception: Replacement of an existing, approved, non-fuel-fired electric water heater with one of like size, type and rating in a manner that maintains its approval shall not require a permit.

Section 504.0 Inspection. Delete this section and substitute the following:

A final water heater inspection shall be made after all work requiring a permit has been installed in addition to inspections required for other work regulated by the mechanical code and fuel gas code.

Section 506.4.2 (Indirect-Fired Water Heaters) Delete part (3) (b) of this subsection and substitute the following:

(b) The pressure of the heat-transfer medium must be limited to a maximum of (labeled by installer and equal to the system safety or relief valve rating L psig by an approved safety or relief valve and the potable water system must be maintained at a normal minimum operating pressure of at least (labeled by installer & 5 psig greater than the heat-transfer medium safety or relief valve rating).

Section 603.4.10 (Potable Water Makeup Connections) Add the following exception:

Exception: Potable water makeup connections to boilers containing only heat-transfer mediums of water or other nontoxic fluid having a toxic rating or Class of 1 as listed in Clinical Toxicology of Commercial Products, 5th edition shall be permitted to be provided with a listed Backflow Preventer with Intermediate Atmospheric Vent.

603.4.18 (Chemical Dispenser Backflow Protection) Add the following to this subsection.

Chemical Dispensers otherwise approved for connection to the potable water piping system shall not be connected to an Atmospheric Vacuum breaker hose thread in such a way that the Atmospheric Vacuum breaker is able to be pressurized, e.g. with a valve in the discharge piping.

Section 609.4 Testing. Delete the third sentence and substitute the following:

A one hundred (100) pound per square inch air pressure test may be substituted for the water test.

Section 712.1 Media. Delete the first sentence and replace with the following:

The piping of the plumbing, drainage, and venting systems shall be tested with water or air.

Section 719.1 Cleanouts. Delete the first paragraph in its entirety and replace with the following:

Cleanouts shall be placed at the connection of the building sewer and building drain outside the building and extend to grade.

Section 719.2 Delete this section in its entirety.

PASSED
YES:
NO:
Abstained

Section 807.4 (Domestic Dishwasher Airgap) Add the following subsection:

Section 807.4.1 When a compartment or space for a domestic dishwasher is provided, an approved dishwasher airgap fitting shall be installed.

812.1 Elevator Pits. Add this new Subsection:

812.1 Elevator Pits. Where drains are not provided to prevent the accumulation of water in elevator pits, sumps are required. Drains connected directly to the sanitary system shall not be installed in elevator pits. Sumps in elevator pits, where provided, shall be covered and the cover shall be level with the pit floor. The pump shall be of sufficient capacity to prevent the accumulation of water in the pit. If the building is fire-sprinklered, the pump shall be sized of at least the capacity of one energized sprinkler head.

Section 906.7 Frost or Snow Closure. Replace the first' sentence with the following.

Vent terminals shall be a minimum of 3 inches in diameter, but in no event smaller than the required vent pipe.

1001.2 (Central Trap Location for multiple fixtures) Revise this section as follows:

One (1) trap shall be permitted to serve a set of not more than three (3) single compartment sinks or laundry tubs of the same depth or three (3) lavatories immediately adjacent to each other and in the same room if the waste outlets are not more than thirty inches apart.

1002.2 (Trap sizes and Trap Arm lengths) Add the following exception to this section:

Exception: The developed length of a trap arm from a two-inch outlet private floor drain in a garage bay serving a single dwelling unit shall be permitted to exceed the distances given in Table 10-1 if the floor drain trap and trap arm are increased to three-inch nominal size. When installed according to this exception the trap arm is required without any offsets or changes in direction and the vent shall be connected below, and extend vertically into or adjacent to the first garage wall under which the trap arm passes.

Section 1101.5.1 Subsoil Drains. Delete 1101.5.1

Section 1101 .11.1 Primary Roof Drainage. Delete the last sentence of this section and replace with the following:

Unless otherwise required by the Authority Having Jurisdiction, roof drains, gutters, vertical conductors or leaders, and horizontal storm drains for primary drainage shall be sized based on a maximum rainfall of one (1) inch per hour per square foot of roof area.

Section 1101.11 .2.2.2 Combined System. Delete the second sentence in this subsection and replace with the following:

PASSED
YES:
NO:
Abstained

When the combined secondary and primary roof drain system connects to a building storm drain that connects to an underground storm sewer, a relief drain shall be installed to ensure positive common roof drain flow. The connection of this relief drain to the common drain shall not divert or obstruct the primary drain.

Section 1109.2 Methods of Testing Storm Drainage Systems. Delete the first sentence of this section and substitute the following:

The piping of storm drain systems shall be tested upon completion of the rough piping installation by water or air and proved tight.

Chapter 12 Fuel Piping. Delete this chapter in its entirety and refer to the 2006 *International Fuel Gas Code* as amended.

Chapter 15 Firestop Protection. Delete this Chapter in its entirety and refer to the *International Building Code* as amended.

Appendix K Private Sewage Disposal System. Delete this section in its entirety and replace with the following:

Private Sewage Disposal Systems shall be designed and installed in accordance with the current standards as published by the State of Alaska Department of Environmental Conservation (DEC) Written verification from DEC or a State of Alaska-certified Septic System Installer of the DEC's approved installation shall be submitted to the Building Department. A Certificate of Occupancy shall not be issued until this written verification is submitted to the Building Department.

Appendix L.

Section L 1.3 (required descriptive details) Add the following to this section:

For the plumbing systems in Appendix L, other than those of L2.0, L3.0, & L7.0, the design by a registered professional engineer is required where the work is not exempted by AS 08.48.331. A riser diagram or isometric indicating the provisions of Appendix L intended to be installed shall be submitted for review and approval by the Building Department prior to the work being commenced. The riser diagram or isometric is in addition to the other details or data that may be required by the Building Official.

Section L3.2 Single-wall heat exchangers. Delete part (3) of this subsection and substitute the following:

(3) The equipment is permanently labeled according to Section 506.4.2 (3) (b) as amended.

Section L 8.1 Circuit Venting. Delete the 1st sentence of this subsection.

PASSED
YES:
NO:
Abstained

Sponsored by: Mayor Douglas Isaacson
Introduced and Advanced: March 5, 2012
Passed: March 19, 2012

Section L9.1 Single-Stack Vent System. Delete the 1st sentence of this subsection.

Section 2. That the effective date of this Ordinance shall be the 19th day of March, 2012.

PASSED
YES:
NO:
Abstained

CITY OF NORTH POLE

ORDINANCE 12-12

**AN ORDINANCE OF THE CITY OF NORTH POLE AMENDING TITLE 15,
BUILDING AND CONSTRUCTION, CHAPTER 15.50, FIRE CODE;
INTERNATIONAL FIRE CODE, 2009 EDITION**

WHEREAS, changes to the North Pole Municipal Code is a continually changing requirement;
and

WHEREAS, the City of North Pole Municipal Code should be amended to conform to the
requirements of the City and to clarify questionable areas.

NOW, THEREFORE, BE IT ORDAINED by the Council of the City of North Pole:

Section 1. This ordinance is of a general and permanent nature and shall be codified.

Section 2. Amend Title 15 Building and Construction, Chapter 15.50, Fire Code; International
Fire Code, 2009 Edition as follows:

- *See Attached*

Section 3. Effective Date. This ordinance shall be effective at 5:00 pm on the first City
business day following its adoption.

PASSED AND APPROVED by a duly constituted quorum of the North Pole City Council this
5th day of March, 2012.

Douglas W. Isaacson, Mayor

ATTEST:

Kathryn M Weber, MMC
North Pole City Clerk

PASSED
YES:
NO:
Abstained

Chapter 15.50 Fire Code

15.50.010 Adoption.

The ~~bound volumes containing~~ the code known as the *International Fire Code*, ~~2000~~ 2009 edition, as published by the International Conference of Building Officials, together with the local amendments as set forth in Chapter 15.50.040, shall constitute the laws of the city relating to conditions hazardous to life and property from fire or explosion. ~~Copies~~ An electronic copy of the *International Fire Code* ~~may be examined~~ is retained at the city offices.

15.50.020 Modifications.

The chief of the fire department shall have the power to modify any of the provisions of the *International Fire Code* adopted by this chapter upon application in writing by the owner or lessee or his duly authorized agent, when there are practical difficulties in the way of carrying out the strict letter of the code; provided, that the spirit of the code is observed, public safety secured, and substantial justice done. The particulars of the modification, when granted or allowed, and the decision of the chief of the fire department thereon shall be entered upon the records of the department, and a signed copy shall be furnished the applicant.

15.50.030 Appeals.

Whenever ~~the building official after consultation with~~ the chief of the fire department disapproves an application or refuses to grant a permit applied for, or when it is claimed that the provisions of the code have been misconstrued or wrongly interpreted, the applicant may appeal from the decisions of the ~~chief of the fire department~~ building official to the mayor/city manager within thirty days from the date of the decision. ~~The appointment of the appeals board will be on a case by case basis with the members of said board comprised of local design professionals, contractors, inspectors or other members of the public deemed knowledgeable of the subject matter by the mayor / city manager.~~

15.50.040 Local amendments to the International Fire Code, ~~2000~~ 2009 edition.

The amendments to the ~~2000~~ 2009 edition of the *International Fire Code* are listed hereafter by section.

Delete section 15.50.040 in its entirety and replace with the following:

Section 105 Permits.

Section 105.6 Operational Permits is amended by deleting all required operational permits except:
105.6.15 Explosives and Fire Works

105.6.44 Temporary membrane Structures, Tents, and Canopies

A permit is required to operate an air-supported temporary membrane structure or tent having an area in excess of 200 square feet {19 m²}, or a canopy in excess of 400 square feet {37 m²}.

Exceptions:

PASSED
YES:
NO:
Abstained

1. Tents used exclusively for recreational camping purposes.
2. Fabric canopies and awnings open on all sides which comply with all the following:
 - 2.1 Individual canopies shall have a maximum size of 700 square feet {65 m²}.
 - 2.2 The aggregate area of multiple canopies placed side by side without a fire break clearance of 12 feet {3658 mm} shall not exceed 700 square feet {65 m²} total.
 - 2.3 A minimum clearance of 12 feet {3658 mm} to structures and other tents shall be provided.

Section 105 Permits is amended by adding the following new sections:

Section 105.7 Construction Permits is amended by deleting all the required construction permits except:

- 105.7.1 Automatic fire extinguishing systems
- 105.7.4 Fire alarm and detection systems & related equipment
- 105.7.5 Fire pumps & related equipment
- 105.7.12 Standpipe systems
- 105.7.13 Temporary membrane structures, tents, and canopies

105.7.1.1 A person and/or company designing, installing, testing, or maintaining automatic fire extinguishing systems are required to be NICET certified and provide a current permit issued by the State Fire Marshal's Office.

105.7.3.1 A person and/or company designing, installing, testing, or maintaining fire alarm and detection systems and related equipment are required to be NICET certified and provide a current permit issued by the State Fire Marshal's Office.

Section 106 Inspection. Add subsection 106.5 as follows:

106.5 All buildings and structures subject to the authority of this code are subject to inspection pursuant to a duly adopted inspection program. All inspections provided will subject the owner and/or operator to payment of fees as set forth in City of North Pole *Administrative Code* Section 15.04.

Section 201.3 Terms Defined in Other Codes.

Where terms are not defined in this code and are defined in the *International Building Code*, *International Fuel Gas Code*, *International Mechanical Code* or *Uniform Plumbing Code*, as adopted by the and amended by the City of North Pole, such terms shall have the meanings ascribed to them as in those codes.

Where reference to any electrical code is made in this code, it shall be taken to mean the *National Electrical Code* as adopted and amended by the City of North Pole.

Section 202-C Definitions and Abbreviations. Amend the definitions as follow:

PASSED
YES:
NO:
Abstained

Educational Group E, Day Care revise to read: "The use of a building or structure, or portion of the building or structure, for education, supervision, or personal care services for more than five children who are older than two and one-half years of age, including children related to the staff, shall be classified as a Group E occupancy.";

Educational Group E Day Care

Create a new definition for Family Child Care Homes to read as follows:

A family child care home is a licensed facility that is located within a single-family home in which personal care services are provided by the owner or tenant that normally occupies the residence on a twenty four basis.

Add the following exception to this section: "Exception: Family Child Care Homes operated in a primary residence (R-3) and operating between the hours of 6:00 a.m. and 10:00 p.m. may accommodate a total of twelve children, provided that no more than 5 children are under the age of 2 years, without conforming to the requirements of a Group E occupancy except for:

- (1) smoke alarms as described in Subsection 907.2.10;
- (2) general means of egress requirements of Section 1003, including emergency escape and rescue openings, as required by Section 1029, in napping or sleeping rooms;
- (3) accessibility requirements as outlined in Chapter 11;
- (4) portable fire extinguisher requirements as described in Section 906 and
- (5) CO detection as required in IFC Section 908.7.

A Day Care occupancy which operates between the hours of 10:00 p.m. and 6:00 am shall be equipped with an approved automatic sprinkler system throughout, designed and installed in accordance with IFC Section 903.3 and NFPA Standard 13D or an approved equivalent system as approved by the Fire Chief; emergency escape and rescue openings, as required by Section 1026, in napping or sleeping rooms; portable fire extinguisher requirements as described in Section 906, smoke detection as required in Subsection 907.2.10 and CO detection as required in IFC Section 908.7;

Institutional Group 1-1. Revised this section by deleting the last sentence of the paragraph and replacing with the following:

A facility such as above, housing more then 2 and not more than 16 persons, shall be classified as Group R-4.

Institutional Group 1-2 is revised to read: "A facility such as one described above with five or fewer persons including persons related to the staff shall be classified as Group R-3."

Institutional Group 1-2 is revised to read: "A child care facility that provides care on a 24-hour basis to more than five children who are 2 years of age or less, including children related to the staff, shall be classified as Group 1-2."

PASSED
YES:
NO:
Abstained

Institutional Group 1-4, day care facilities is revised to read: "A facility within this occupancy classification with five or fewer persons, including persons related to the staff, shall be classified as a Group R-3.";

Nursing Homes. Delete the definition and revise as follows:

Nursing homes are long-term care facilities on a 24 hour basis, including both Intermediate care facilities and skilled nursing facilities, serving more than two persons and any of the persons are incapable of self-preservation.

Residential Group R, R-4. Delete this paragraph in its entirety and replace as follows:

Residential occupancies shall include buildings arranged for occupancy as Residential Care/Assisted Living Facilities including more than 2 and no more than 16 persons, excluding staff shall be classified as Group R-4. Occupants of a residential care/assisted living facility are capable of responding to an emergency situation without physical assistance from the staff. Occupancies which include individuals who are not capable of responding to an emergency situation or incapable of self preservation shall be classified as an I occupancy. R-4 occupancies shall be sprinklered throughout as required by section 903.3.1.3.

Townhouse. Delete the definition and replace as follows:

Townhouse. A single-family dwelling unit constructed in a group of two or more attached units in which each unit extends from foundation to roof and with a yard or public way on at least two sides. Each townhouse shall be considered a separate building as recognized by a recorded lot line between such units. Each townhouse unit shall be provided with separate water, sewer, heating and electrical services.

Section 308.3 Delete this section and add the following:

Open flame. A person shall not utilize or allow to be utilized an open flame in connection with a public meeting or gathering for the purposes of deliberation, worship, entertainment, amusement, instruction, education, recreation, awaiting transportation, or similar purposes in assembly or educational occupancies without consultation and coordination with the fire chief. Written authorization is required if approved.

Section 308.3.1 is revised by deleting this section and adding the following:

Charcoal burners and other open-flame cooking & heating devices shall not be operated on combustible balconies or decks, or within 10 feet (3048 mm) of combustible construction.

Section 405 is revised by the addition of a subsection:

405.10 False alarms: False alarms may not be counted as a fire drill for the purposes of Section

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YES:

NO:

Abstained

405. EMERGENCY EVACUATION DRILLS.

Section 408.3 is revised by the addition of a subsection as follow:

408.3.5 False alarms. False alarms may not be counted as a fire drill for the purposes of this section.

Section 507.5.4 (Obstructions) is revised by deleting this paragraph and adding the following: Posts, fences, vehicles, growth, trash, storage and other materials or objects shall not be placed or kept near fire hydrants, fire department inlet connections (FDC) or fire protection system control valves in a manner that would prevent such equipment or fire hydrants from being immediately discernible. The fire department shall not be deterred or hindered from gaining immediate access to fire protection equipment or fire hydrants. No vehicle shall be parked within 15 feet of the front and ten feet of the side of a fire hydrant, fire department connection or fire protection control valve on private or public property.

Section 901.3 Permits is revised by deleting this section and adding the following:

Permits shall be required as set forth in Section 105.7. "Certification" Any company installing and or performing maintenance on sprinkler systems shall have at least one individual on site who holds a permit issued by the State Fire Marshal's Office.

Section 901 General is revised by adding a new subsection to read as follows:

901.10 Damage protection. When exposed to probable vehicular damage due to proximity to alleys, driveways or parking areas; standpipes, post indicator valves and sprinkler system or standpipe system connections, shall be protected in an approved manner as outlined by IFC (International Fire Code) or GHU (Golden Heart Utilities) standards.

Section 901.6.2 is revised by deleting this section and adding the following:

Records of all system inspections, tests and maintenance required by the referenced standards shall be maintained on the premises for a minimum of three years and shall be copied to the fire code official within 30 days.

901.6.2.1 "Records" is revised by deleting this section and adding the following:

Initial records shall include the name of the installation contractor, type of components installed, and manufacturer of the components, location and number of components installed per floor. Records shall also include the manufacturers' operation and maintenance instruction manuals. Such records shall be maintained on the premises. A copy of all inspection and service reports shall be sent to the City of North Pole Fire Department.

Section 903.2.3 Group E. Delete this section in its entirety and replace as follows:

An automatic sprinkler system shall be provided throughout all Group E occupancies. An

PASSED
YES:
NO:
Abstained

automatic sprinkler system shall also be provided for every portion of educational buildings below the level of exit discharge. Day care uses that are licensed to care for more than 5 persons between the hours of 10 p.m. and 6 a.m. shall be equipped with an automatic sprinkler system designed and installed in accordance with Section 903.3.1.3, or an approved equivalent system.

Exceptions 1. Buildings with E occupancies having an occupant load of 49 or less. 2. Day care uses not otherwise required to have automatic sprinkler systems by other provision of the code.

903.2.12 Other hazards is revised by adding the following subsection:

903.2.11.7 Pit sprinklers. Sprinklers shall be installed in the bottom of all new and existing elevator pits below the lowest projection of the elevator car but no higher than 24" from the bottom of the pit.

Section 903.3.1.1 is revised by adding a new subsection:

903.3.1.1.2 Elevator Hoist ways and Machine Rooms. When the provisions of this code require the installation of automatic sprinkler systems, the installation in elevator hoist ways and machine rooms must occur as described in N.F.P.A 13, (Elevator Hoist ways and Machine Rooms) and adopted by reference, and the American Society for Mechanical Engineers (A.S.M.E.) A17.1 *Safety Code for Elevators and Escalators* (as adopted by the State of Alaska Department of Labor Standards and Safety) and adopted by reference. Exception: Sprinklers are not required in an elevator machine room where the machine room is:

- (1) separated from the remainder of the building as described in *I.B.C.* Section 3006.4;
- (2) smoke detection is provided in accordance with N.F.P.A 72 and adopted by reference; and,
- (3) notification of alarm activation is received at an approved central station alarm.

Section 903.4.2 Alarms. Amend this section by adding the following sentence to the paragraph:

Buildings equipped with a sprinkler system without an alarm system shall have at least one notification device (horn/strobe) located inside the building in a commonly occupied area(s) to alert occupants of a sprinkler activation.

Section 907.2.3 Group E is revised by adding a second paragraph to read:

Rooms used for sleeping or napping purposes within a day care use of Group E occupancy must be provided with smoke alarms that comply with Section 907.2.11.2 and CO (carbon monoxide) detection as required Section 908.7.

Section 907.17 Acceptance Test is revised by adding a new sentence to read:

907.8 Acceptance tests. Upon completion of the installation of the fire alarm system, alarm notification appliances and circuits, alarm-initiating devices and circuits, supervisory-signal initiating devices and circuits, signaling line circuits, and primary and secondary power supplies

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NO:
Abstained

shall be tested in accordance with NFPA 72. A copy of the acceptance test certificate must be forwarded to the fire department by the firm conducting the test within 30 days of the completion of the installation.

Section 907.9.5 Maintenance, Inspection and Testing is revised by changing the last sentence to read:

The building owner shall be responsible for ensuring that the fire and life safety systems are maintained in an operable condition at all times. Service personnel shall meet the qualification requirements of NFPA 72 for maintaining, inspecting and testing such systems. A written record shall be maintained and shall be delivered within 30 days to the fire code official.

Section 908 Emergency Alarm Systems is revised by the addition of a new section

908.7 and sub sections 908.7.1, 908.7.2

908.7 Carbon monoxide detectors. The provisions of this section shall apply to Group 1-1, R-2, R-3 and R-4 occupancies. At least one (1) carbon monoxide detector shall be installed on each floor level. If a floor level contains bedrooms or sleeping rooms, at least one (1) detector shall be located in the immediate vicinity of the sleeping area, outside of the bedrooms/sleeping rooms. Carbon monoxide detectors shall be listed and installed in accordance with their listing. The alarm shall be clearly audible in all sleeping rooms with intervening doors closed.

Exceptions:

1. Carbon monoxide detectors are not required in dwelling units and structures with no combustion (carbon base fuel) type appliances and with no attached garage or parking of vehicles in close proximity.
2. Carbon monoxide detectors are not required in Group 1-1 and R-2 occupancies where all combustion (carbon base fuel) equipment is located within a mechanical room separated from the rest of the building by construction capable of resisting the passage of smoke; and/or the structure has an attached garage and is ventilated by an approved automatic carbon monoxide exhaust system designed in accordance with the mechanical code.

908.7.1 Interconnection. In new construction, all carbon monoxide detectors located within a single dwelling unit shall be interconnected in such a manner that actuation of one alarm shall activate all of the alarms within the individual dwelling units.

908.7.2 Power source. In new construction, carbon monoxide detectors shall receive their primary power from the building wiring where such wiring is served from a commercial source and shall be equipped with a battery backup. Wiring shall be permanent and without disconnecting switch other than those required for over current protection. Carbon monoxide detectors shall be permitted to be cord-and-plug type with battery backup, or battery powered in existing construction.

Section 1003.1 General Means of Egress Applicability is revised by adding an exception to read as follows:

Exception: Stairs or ladders used only to attend equipment are not considered elements

PASSED

YES:

NO:

Abstained

of the means of egress system.

Section 1003.6 (Means of Egress) is revised by the addition of the sentence:

No kiosks, merchandise or similar obstruction shall be placed in such a way to restrict the minimum clear width required by the *International Building Code*.

Section 1008.1.9.3 Locks or Latches. Add Exception 6 as follows:

6. In Groups 8, F, M and S occupancies, a single thumb turn may be used in exit doors, where the occupant load is 100 or less, in conjunction with an approved lock set when the thumb turn requires no more than one-half turn to unlock. Hardware height shall comply with Section 1008.1 .8.2. This exception does not apply when panic hardware is required or installed.

Section 1008.1.9.3.1 Manual security bar for limited use. Create a new subsection and title to read as follows:

Manual security bar for limited use. Assembly occupancies such as restaurants, taverns and lounges and B,F ,M,S occupancies with an occupant load of less than 100 may utilize a manual security bar for the second required exit when the building is not occupied by the public. The security bar shall be pre-approved by the fire marshal before installation. The bar must be easily removed and shall not be provided with padlocks, chains or other locking devices requiring special tools or knowledge. The bar shall be identified by a contrasting color. The exit door shall be provided with a sign stating, "This door to remain unlocked during business hours." The use of this provision may be revoked by the fire marshal for non compliance.

Assembly occupancies with an occupant load of 300 or less which are provided with an approved sprinkler system thorough out may install a security bar on the second required exit as specified above. The conditions and approval of the security bar installation shall be kept on file with the fire marshal. The use of this provision may be revoked by the fire marshal for noncompliance.

Section 1008.1.9.7 Delayed egress locks is revised by changing item number 3 to read as follows:

3. The door locks shall have the capability of being unlocked by a signal from a location approved by the code official.

Section 1009.4.2 Stair treads and risers. Amend section by adding an exception #8 to read as follows:

Stairs or ladders used only to attend equipment are exempt from the requirements of Section 1009.

PASSED
YES:
NO:
Abstained

Section 1021.5 Exits from Basements. Create a new subsection and title to read as follows:
Basements in all occupancies except Group R-3 shall be provided with a minimum of at least two independent exits.

Exceptions:

1. Basements used exclusively for the service of the building.
2. Basements used exclusively for storage purposes and limited to 750 square feet.
3. Basements used for private offices, maintenance rooms or laundry rooms and similar uses limited to an aggregate floor area of 500 square feet, provided a hard wired smoke detector is installed in the basement and interconnected to a smoke detector located on the level of discharge as approved by the State Fire Marshal.
4. Basements used for private offices, maintenance rooms or laundry rooms and similar uses which are provided with a direct exterior exit to grade shall be limited to an aggregate floor area of 750 square feet, provided a hard wired smoke detector is installed in the basement and interconnected to a smoke detector on the level of exit discharge as approved by the State Fire Marshal.
5. Buildings which are sprinklered throughout and contain a basement may have one exit provided:

5.1 Basements are used exclusively for storage purposes and limited to 1500 square feet.

5.2 Basements are used for private offices, maintenance rooms, or laundry rooms and similar uses limited to an aggregate floor area of 1000 square feet.

5.3 Basements are used for private offices, maintenance rooms or laundry rooms and similar uses and are provided with a direct exterior exit to grade shall be limited to an aggregate floor area of 1500 square feet.

Section 1029.1 General. Revise this section by deleting exceptions 1 thru 4.

Section 1029.2 Minimum size. Delete the exception.

Section 1030 Maintenance of the means of egress is revised by adding the following section:

Section 1030.9 Protection from falling snow and ice. Where the accumulation of snow and/or ice on a structure creates a hazardous condition, the areas below the accumulation shall be protected from falling snow and/or ice. These areas shall include (but not be limited to) building entrances and exits, pedestrian, driveways, public right-of-way and utility locations for gas meters, fire department connections, "and electrical meters, services and disconnects.

Chapter 45 (NFPA References) is revised by changing the referenced standards from the publication date listed to the following edition, and the standards are adopted by reference:

10-2010 Portable Fire Extinguishers;

13-2010 Installation of Sprinkler Systems;

130-2010 Installation of Sprinkler Systems in One-and Two-Family Dwellings and Manufactured Homes;

PASSED

YES:

NO:

Abstained

13R-2010 Installation of Sprinkler Systems in Residential Occupancies Up to and Including Four Stories in Height;

14-2010 Standpipe and Hose System;

20-2010 Installation of Stationary Pumps for Fire Protection;

N.F.P.A 24-2010 Private Fire Service Mains NFPA 25-2011 Inspection, Testing, and Maintenance of Water Base Fire Protection Systems

N.F.P.A.72-2010 *National Fire Alarm Code*;

1.1 Appendix B Fire Flow Requirements for Buildings

Section B103-Modifications. Add new subsections 8103.4 and 8103.5 as follows:

B103.4 For buildings requiring a fire flow of 1,500 gallons per minute or less, located in areas not served by water mains, the Fire Chief may waive or reduce the fire flow requirements and/or may require a fire alarm system, if the cost of installing water mains or reservoirs exceeds 5% of the total cost of the structure(s) and improvement(s) as determined by the architect's or engineer's estimate.

B103.5 Table 8105.1 is modified as follows for buildings located in areas not served by water mains.

- a. Floor areas for buildings may be increased by 100% of the basic floor area without an increase in fire flow, provided that an automatic, central station, or remote station supervised smoke or heat detection system is installed throughout the structure in accordance with NFPA 72. For the purposes of this subsection, such an installation may allow type V-B construction to be increased to 10,000 square feet in area.
- b. Separate fire areas within a building may be created by the construction of concrete or concrete block walls having minimum fire duration of two (2) hours, with no openings permitted, and extending to the outer edges of horizontal projecting elements. Full height parapets are required above the roof line.
- c. Sprinkler systems installed to reduce fire flow requirements (by 75% in accordance with the exception to section B105.2) and not otherwise required by the International Building or Fire Codes, 2009 editions, may be supplied from either pressure tanks or tanks with a listed fire pump, sized in accordance with the following criteria:

Classification	Design area (X 1500 sq. ft.)	Tank with fire pump Pressure tank	
Light Hazard	0.10 gal/sq. ft.	2,000 gals.	3,000 gals.
Ord. Hazard 1	0.15 gal/sq ft.	2,500 gals.	3,750 gals.
Ord. Hazard 2	0.20 gal/sq ft.	3,000 gals.	4,500 gals.
Extra Hazard 1 & 2	NOT PERMITTED		

- d. Sprinkler systems specifically required by the 2009 editions of the *International Building Code* or *Fire Code* shall be installed in accordance with Chapter 9 of the *International Fire Code* 2009 edition. An approved water supply capable of providing ten minutes of the sprinkler system design discharge, not including hose stream allowances, shall be

PASSED

YES:

NO:

Abstained

Sponsored by: Mayor Douglas Isaacson

Introduced and Advanced: March 5, 2012

Passed: March 19, 2012

provided. The system must be monitored by an approved central or remote station alarm system. At such time that a water utility main is laid in front of, alongside of, or adjacent to the improved property, the owner of the property must connect the sprinkler system to the water utility main in an approved manner within one year and thirty days from the date such water service is declared available.

- e. A tract of land or subdivision which has been surveyed and divided into residential lots for purpose of sale shall meet fire flow requirements as determined by Section 8105.1 of this Appendix.
- f. A tract of land, which, by means of incremental development, becomes similar to a tract of land or subdivision, which has been surveyed and divided into residential lots for purpose of sale, shall meet fire flow requirements as determined by Section B 105.1 of this Appendix .
- g. Once an approved water main system is installed, subsequent additions to existing buildings, and all new construction, shall meet the required fire flow.
- h. Multiple structures on a single lot shall be individually evaluated for fire flow requirements.

PASSED

YES:

NO:

Abstained

CITY OF NORTH POLE

ORDINANCE 12-13

**AN ORDINANCE OF THE CITY OF NORTH POLE AMENDING TITLE 15,
BUILDING AND CONSTRUCTION, AND ADDING CHAPTER 15.82,
FUEL GAS CODE; INTERNATIONAL FUEL GAS CODE, 2009 EDITION**

WHEREAS, changes to the North Pole Municipal Code is a continually changing requirement;
and

WHEREAS, the City of North Pole Municipal Code should be amended to conform to the
requirements of the City and to clarify questionable areas.

NOW, THEREFORE, BE IT ORDAINED by the Council of the City of North Pole:

Section 1. This ordinance is of a general and permanent nature and shall be codified.

Section 2. Amend Title 15 Building and Construction, and adding Chapter 15.82, Fuel Gas
Code; International Fuel Gas Code, 2009 Edition as follows:

- *See Attached*

Section 3. Effective Date. This ordinance shall be effective at 5:00 pm on the first City
business day following its adoption.

PASSED AND APPROVED by a duly constituted quorum of the North Pole City Council this
5th day of March, 2012.

Douglas W. Isaacson, Mayor

ATTEST:

Kathryn M Weber, MMC
North Pole City Clerk

PASSED
YES:
NO:
Abstained

Chapter 15.82 Fuel Gas Code

Sections:

15.82.010 Adoption.

15.82.020 Modifications.

15.82.030 Appeals.

15.82.040 Local amendments to the *International Fuel Gas Code*, 2009 edition.

15.82.010 Adoption.

The code known as the *International Fuel Gas Code*, 2009 edition, as published by the International Conference of Building Officials, together with the local amendments as set forth in Chapter 15.82.040, shall constitute the laws of the city relating to building regulations. Where the *International Fuel Gas Code* conflicts with this code, this code shall prevail. An electronic copy of the *International Fuel Gas Code* is retained at the city offices.

15.82.020 Modifications.

The building official shall have the power to modify any of the provisions of the *International Fuel Gas Code* adopted by this chapter upon application in writing by the owner or lessee or his duly authorized agent, when there are practical difficulties in the way of carrying out the strict letter of the code; provided, that the spirit of the code is observed, public safety secured, and substantial justice done. The particulars of the modification, when granted or allowed, and the decision of the building official thereon shall be entered upon the records of the department, and a signed copy shall be furnished the applicant.

15.82.030 Appeals.

Whenever the building official disapproves an application or refuses to grant a permit applied for, or when it is claimed that the provisions of the code have been misconstrued or wrongly interpreted, the applicant may appeal from the decisions of the building official to the mayor/city manager within thirty days from the date of the decision. The appointment of the appeals board will be on a case by case basis with the members of said board comprised of local design professionals, contractors, inspectors or other members of the public deemed knowledgeable of the subject matter by the mayor / city manager.

15.82.040 Local amendments to the International Fuel Gas Code, 2009 edition.

The amendments to the 2011 edition of the *International Fuel Gas Code* are listed hereafter by section.

Section 101.3 Appendices. Add the following to this section.

Appendices A, B, C & D are hereby adopted.

Except for Sections 101, 102, and the following amendments, delete Chapter 1 in its entirety and refer to the City of North Pole *Administrative Code*.

PASSED
YES:
NO:
Abstained

Section 101.2 Scope. Add the following sentence after the first sentence.

The storage system for liquefied petroleum gas including tanks, containers, container valves, regulating equipment, meters, and/or appurtenances for the storage and supply of liquefied petroleum gas for any building, structure, or premises shall be designed and installed in accordance with the International Fire Code and NFPA 58.

Section 101.2 Scope. Exception Delete this exception in its entirety.

Section 101.2.4 Systems, appliances and equipment outside the scope. Delete Number 13, Temporary LP-gas piping.

Section 101.5 Severability. Add a sentence as follows:

The provisions of this code shall not be deemed to nullify any provisions of local, state or federal law.

Section 102.8 Referenced codes and standards. Add two subsections at the end of this section as follows:

102.8.1 Plumbing. Where reference to any Plumbing Code is made in this Code it shall be taken to mean the *Uniform Plumbing Code* as adopted and amended by the City of North Pole.

102.8.2 Electrical. Where reference to any Electrical Code is made in this Code it shall be taken to mean the *National Electrical Code* as adopted and amended by the City of North Pole.

102.8.3 Administrative. The provisions of the City of North Pole *Administrative Code* shall apply to the administration and enforcement of this code. Where provisions of the *Administrative Code* and this code conflict, the most restrictive shall apply.

102.8.4 Energy. Where reference is made in this Code to the *International Energy Conservation Code* it shall be taken to mean the IECC as currently adopted by the City of North Pole.

Section 201.3 Terms defined in other codes. Delete this section and replace as follows:

Where terms are not defined in this code and are defined in the *International Building Code*, *National Electrical Code*, *International Fire Code*, *International Fuel Gas Code* and the *Uniform Plumbing Code*, such terms shall have meanings ascribed to them as in those codes.

Section 201.4 Terms not defined. Amend this section by adding the following sentence.

Webster's Third New International Dictionary of the English Language, Unabridged shall be considered as providing ordinarily accepted meanings.

Section 301.2 Energy utilization. Delete this section in its entirety.

PASSED
YES:
NO:
Abstained

Section 301.16 Penetration Weatherproofing. Add this section and the following after section 301.15.

Joints at roofs and exterior walls around pipes, ducts, appurtenances or equipment shall be made watertight by the use of approved materials.

Section 301.17 Meter Protection. Add this section and the following.

It shall be the responsibility of the Gas piping system permit-holder to provide physical damage protection and adverse weather protection as approved by the Building Department for the meter-set and piping connection to it.

Section 301.18 Carbon Monoxide Alarm. Add this section numbering, title, and the following after section 301.17.

Where a fuel-fired appliance is installed or replaced in an existing dwelling an approved carbon monoxide alarm shall be installed outside of each separate sleeping area in the immediate vicinity of the bedrooms. A single station, battery-operated carbon monoxide alarm shall be listed as complying with UL 2034 and shall be installed according to the manufacturer's installation instructions.

Section 303.4 Protection from damage. Add the following at the end of Section 303.4.

Fuel-fired equipment and appliances located within the direct perpendicular path of a garage door opening of eight feet or less in height shall comply with Section 303.4.1

Section 303.4.1. Fuel-fired appliance protection. Fuel-fired appliances and equipment located in the direct path for vehicles as described in 303.4 shall be protected from impact with one of the following methods.

1. A minimum schedule 40 nominal 3" diameter steel pipe 30" high, with a vertical face at least 6" in the direction of vehicle approach and:
 - 1.1. Buried a minimum 2'0" deep in compacted soil and imbedded in at least 4" nominal concrete slab.
 - 1.2. Set in a minimum 1'0" × 1'0" × 1'0" block of concrete (slab included).
2. A platform on which the equipment sits, at least 24" high, extended at least 6" greater than the equipment footprint (including attachments such as burners and controls) in the direction of vehicle approach and in contact with the structure opposite the direction of vehicle approach.
3. An approved system of equivalent resistance to vehicle impact extending at least 6" ahead of the equipment's footprint in the direction of vehicle approach, including attachments such as burners and controls.

PASSED
YES:
NO:
Abstained

303.7 Pit locations. Add the following sentence at the end of this Section.

Liquefied petroleum gas piping shall not serve appliances located in a pit or basement where heavier-than-air gas might collect to form a flammable mixture.

Section 304.6 Outdoor combustion air. Delete this section in its entirety and replace as follows:

Combustion air for gas-fired appliances shall be provided on a basis of 1 square inch per 4000 Btu per hour of the total input rating of all equipment. In lieu of this requirement, combustion air may be provided in accordance with Table 304.6, but shall not be less than the sum of the areas of all vent connectors in the space. Combustion air may be provided from one opening directly communicating with the outdoors or through a vertical or horizontal duct from the outdoors or spaces that freely communicate with the outdoors. The opening into the enclosure containing the appliances shall be located no lower in elevation than 2/3 the distance from the top of the finished floor to the bottom of the finished ceiling in the enclosure.

Table 304.6
Combustion Air-Category I Gas Appliances Only*

Appliance Size Btuh Input Rating	C/A Duct Minimum Free Area (square inches)	Minimum Round Duct Size (inches)
Up to 120,000	28	6
120,000 to 155,000	38	7
155,000 to 175,000	50	8

*Note: Category II, III and IV gas appliances may use Table 7-1 as amended for oil-fired appliances per Chapter 7 of the 2009 *International Mechanical Code*.

Section 304.10 Louvers and grilles. Amend the fourth sentence as follows:

Screens shall have a mesh size not smaller than ½".

Section 304.11 Combustion Air Ducts. Delete #4, #5, and #6 and refer to section 304.6 as amended.

Section 304.11 Combustion air ducts. Delete #8 and replace with the following:

8. Combustion air intake openings located on the exterior of a building shall have the lowest side of such openings located not less than 18 inches vertically from the adjoining finished ground level or an approved alternative means provided to prevent snow blockage.

Section 305.1.1 Fuel-fired equipment startup report. Add this subsection and the following:

A startup report is required for all fan-assisted or power-burner fuel-fired equipment indicating the following conditions and others which the manufacturer recommends in their installation

PASSED
YES:
NO:
Abstained

instructions. A non-returnable copy must be provided to the inspector for insertion in the Building Department project files.

- Company, Name, address, & Phone Number of Startup Technician
- Manufacturer and Model No. of Equipment
- Date and Time of Startup and Noted Readings
- Net Stack Temperature
- Overfire Draft
- Breech Draft
- Stack Draft
- CO
- CO2 or O2
- Actual Rate of fuel input

Section 305.13 Area served. Add this section and the following:

Appliances serving different areas of a building other than where they are installed shall be permanently marked in an approved manner that uniquely identifies the appliance and the area it serves.

Section 310 Electrical Bonding. Add subsection 310.2 and the following at the end of this section.

310.2 Prohibited connection. The required gas piping system bonding connection to the electrical service grounding system shall not be made to any part of the gas service meter set equipment owned and operated by the Gas Utility Company. Bonding shall be on the customer side of the meter and regulator set. A direct bonding connection to Corrugated Stainless Steel Tubing is prohibited and bonding connections to Corrugated Stainless Steel Tubing systems shall be completed according to the specific tubing manufacturer's instructions.

Section 401.9 Prohibited future piping. Add this section and the following:

Installation of piping for future use beyond a capped or plugged tee outlet is prohibited without the extension of the installation through the gas piping outlet(s) for specified equipment and appliances.

Section 403.10.4 Metallic fittings. Revise this section by deleting the words "cast iron" in #2 and deleting #5.

Section 406.4.1 Test pressure. Amend the first sentence of this section as follows:

Test pressure to be used shall be no less than 1½ times the proposed maximum working pressure, but not less than 10 psig.

Section 406.8. Add a new section as follows:

PASSED

YES:

NO:

Abstained

Section 406.8 Temporary Gas Installations. The installation of temporary gas shall comply with this section.

406.8.1 Temporary gas approval may be given to provide heating prior to the completion of the building's primary heating system.

406.8.2 The heating appliance must be listed and labeled for its use to provide space heating and installed according to the manufacturer's installation instructions, including all the manufacturer's required clearances to combustibles.

406.8.3 The return air for furnaces used for temporary heat shall [be] ducted from a minimum of 10 feet from the appliance.

406.8.4 Portable space heaters shall be provided with one hundred percent (100%) outside air to the back end of the heater and the regulator vented to outside the space being heated.

406.8.5 Gas hose used for temporary heaters shall be an approved type and all manufacturers' listed clearances shall be maintained. The hose shall have an internal wire mesh or braid to render it "kink proof". This wire mesh or braid shall run the full length of the hose. Each time a section of hose is used it shall be tested at a minimum of sixty (60) psi air pressure and labeled with temporary approval by the Building Department. The absence of the temporary approval label any time after gas service is supplied shall be cause to discontinue temporary gas service.

406.8.6 Corrugated Stainless Steel Tubing used for temporary gas service must be installed and approved as a permanent installation. Unsupported, unprotected CSST is specifically prohibited.

406.8.7 Temporary gas valve outlets not connected to an appliance or equipment shall be plugged or capped leaktight.

Section 410.3.2 Regulator Vent Openings. Add the following subsection.

Regulator vent openings shall not be located closer than 10 feet horizontally to any mechanical outdoor air intake opening or 3 feet horizontally from any gravity outdoor air intake opening, including opening doors and windows, unless such vent opening is at least 2 feet above the air intake opening. Regulator vent openings must be at least 12 inches above the anticipated snow level of 18 inches. Regulator vent openings shall not be located closer than 5 feet to any electrical equipment including service disconnects, electrical meters, receptacles, etc., unless such electrical equipment meets the requirements of Article 500 and 501 of the National Electrical Code.

Section 501.3 Masonry chimneys. Add the following sentence at the end of this section.

Exterior masonry chimneys shall not be used to vent gas appliances.

Section 501.6 Positive pressure. Amend this section by adding the following paragraph and subsection at its end.

PASSED

YES:

NO:

Abstained

Vents taller than 15' in height serving positive pressure equipment must be provided with provisions for an atmospheric balanced draft per 501.6.1.

501.6.1.1.1 Positive pressure greater than 15 feet in height. For positive pressure equipment with venting system greater than 15 feet in height, provide an atmospheric balanced draft vent, i.e. provide a barometric draft regulator. The height of the vent shall be measured from the base of the appliance to the outlet of the chimney. Vent must be sized to prevent positive pressure. Multiple heating appliances connected to a vent greater than 15 feet in height shall be provided with separate draft or atmospheric controls for each appliance.

Section 502.5 Installation. Add the following sentence at the end of this section.

Vertical Vent terminations above a roof must extend at least 18 inches above the roof. Vent terminations through a wall must be at least above an anticipated snow depth of 18 inches.

Section 502.8 Location and support of venting systems other than masonry chimneys. Add this section with the following.

Vent terminations that penetrate a metal roof with a slope greater than 2:12 shall be protected by an ice dam or deflector of a type and design approved by the Code Official.

Section 502.9 Vent height limitations. Add this section with the following:

Vents which do not exceed 15 feet in height need not be provided with an atmospheric draft or control device unless required by Section 501.6. The height of the vent shall be measured from the base of the appliance to the outlet of the chimney. The entire length of the vent shall be factory sealable. The vent must be sized to avoid negative pressure.

Section 502.10 Vent Enclosure. Add this section with the following:

Venting systems installed with greater than 5 feet of developed length outside the building's thermal envelope shall be enclosed with at least an R-11 enclosure from the penetration of the thermal envelope to a point no greater than 5 feet from the vent's outlet.

Section 503.3.6 Above-ceiling air-handling spaces. Add the following sentence to Item No. 1:

The vent material shall have a flame spread index of not more than 25 and a smoke-developed index of not more than 50 when tested in accordance with ASTM E84.

Section 614.2 Duct penetrations. Delete this section in its entirety and replace with the following.

Ducts that exhaust clothes dryers shall not penetrate required fire-resistive assemblies unless enclosed in a fire-resistive shaft complying with the building code.

PASSED
YES:
NO:
Abstained

CITY OF NORTH POLE

ORDINANCE 12-14

**AN ORDINANCE OF THE CITY OF NORTH POLE AMENDING TITLE 15,
BUILDING AND CONSTRUCTION, AND ADDING CHAPTER 15.90,
ENERGY CODE; INTERNATIONAL ENERGY CODE, 2009 EDITION**

WHEREAS, changes to the North Pole Municipal Code is a continually changing requirement;
and

WHEREAS, the City of North Pole Municipal Code should be amended to conform to the
requirements of the City and to clarify questionable areas.

NOW, THEREFORE, BE IT ORDAINED by the Council of the City of North Pole:

Section 1. This ordinance is of a general and permanent nature and shall be codified.

Section 2. Amend Title 15 Building and Construction, and adding Chapter 15.82, Energy Code;
International Energy Code, 2009 Edition as follows:

- *See Attached*

Section 3. Effective Date. This ordinance shall be effective at 5:00 pm on the first City
business day following its adoption.

PASSED AND APPROVED by a duly constituted quorum of the North Pole City Council this
5th day of March, 2012.

Douglas W. Isaacson, Mayor

ATTEST:

Kathryn M Weber, MMC
North Pole City Clerk

PASSED
YES:
NO:
Abstained

Chapter 15.90

Fire Code

Sections:

15.90.010 Adoption.

15.90.020 Modifications.

15.90.030 Appeals.

15.90.040 Local amendments to the *International Energy Conservation Code*, 2009 edition.

15.90.010 Adoption.

The code known as the *International Energy Conservation Code*, 2009 edition, as published by the International Conference of Building Officials, together with the local amendments as set forth in Chapter 15.90.040, shall constitute the laws of the city relating to building regulations. Where the *International Energy Conservation Code* conflicts with this code, this code shall prevail. An electronic copy of the *International Energy Conservation Code* is retained at the city offices.

15.90.020 Modifications.

The building official shall have the power to modify any of the provisions of the *International Energy Conservation Code* adopted by this chapter upon application in writing by the owner or lessee or his duly authorized agent, when there are practical difficulties in the way of carrying out the strict letter of the code; provided, that the spirit of the code is observed, public safety secured, and substantial justice done. The particulars of the modification, when granted or allowed, and the decision of the building official thereon shall be entered upon the records of the department, and a signed copy shall be furnished the applicant.

15.90.030 Appeals.

Whenever the building official disapproves an application or refuses to grant a permit applied for, or when it is claimed that the provisions of the code have been misconstrued or wrongly interpreted, the applicant may appeal from the decisions of the building official to the mayor/city manager within thirty days from the date of the decision. The appointment of the appeals board will be on a case by case basis with the members of said board comprised of local design professionals, contractors, inspectors or other members of the public deemed knowledgeable of the subject matter by the mayor / city manager.

15.90.040 Local amendments to the International Energy Conservation Code, 2009 edition.

The amendments to the 2011 edition of the *International Energy Conservation Code* are listed hereafter by section.

Section 202 General definitions. Vapor Retarder. Create a new definition to read as follows:

Vapor retarder. A vapor resistant material, membrane or covering having a permeance rating of .06 perm and recognized as a class 1 vapor retarder in accordance with the International Residential Code.

Section 401.3 Certificate. Delete this section in its entirety.

PASSED

YES:

NO:

Abstained

Table 402.1.1 Insulation and Fenestration Minimum R-Values by Component. Delete the table in its entirety and replace with the following:

Table 402.1.1 Insulation and Fenestration Minimum R-Values by Component								
Climate Zone	Windows	Doors	Ceiling ¹	Exterior frame wall ⁴	Floor ⁵	Below grade wall ²	Slab & Depth ³	Craw-space wall ²
8	3.22	7	60 or 49	21	38	15/19	15, 4ft.	15/19

1. The smaller value may be used with a properly sized, energy-heel truss.
2. The first R-value applies to continuous insulation, the second to framing cavity insulation; either meets the requirement.
3. R-56 shall be added 10 the required slab edge R-values for heated slabs. Insulation shall not be plated below the footing portion unless bearing on entirely non-frost susceptible soils.
4. Includes rim joists
5. For exposed floor, floors above crawl spaces do not require insulation.

Section 402.1.2 R-value Computation

Delete the last sentence in its entirety

Section 402.1.3 Insulation and Glazing Maximum U-Factor by component. Delete the table in its entirety and replace with the following:

Table 402.1.3 Insulation and Glazing U-Factor by Component								
Climate Zone	Windows	Doors	Ceiling ¹	Exterior frame wall ⁴	Floor ⁵	Below grade wall ²	Slab & Depth ³	Craw-space wall ²
8	0.31	0.14	0.017 or 0.020	0.047	0.0026	0.067/0.053	0.067	0.066/0.052

1. The smaller value may be used with a properly sized, energy-heel truss.
2. The first R-value applies to continuous insulation, the second to framing cavity insulation; either meets the requirement.
3. R-56 shall be added 10 the required slab edge R-values for heated slabs. Insulation shall not be plated below the footing portion unless bearing on entirely non-frost susceptible soils.
4. Includes rim joists
5. For exposed floor, floors above crawl spaces do not require insulation.

Section 402.2.1 Ceilings with attic spaces. Amend this section by adding the following exception:

Exception: R-49 fiberglass blanket insulation may be compressed at the eave to provide a 1.5 inch air space when installed between wood trusses having a minimum heel height of 11.25 inches.

PASSED
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NO:
Abstained

Section 402.2.4 Mass walls. Delete this section in its entirety.

Section 402.2.9 Crawl space walls. Delete this section in its entirety and rename and replace as follows:

Section 402.2.9 Crawl space walls and adjacent floor. Floors located above crawl spaces and not directly exposed to exterior ambient temperatures are not required to be insulated if such spaces contain, plumbing piping, hydronic piping or water and sewer services. Crawl spaces may be vented by natural or mechanical means as prescribed by the International Residential Code or International Building Code. Crawl spaces which are vented to the exterior and contain piping as described above shall be protected during freezing temperatures by an approved method or material. Crawl space wall insulation shall be permanently fastened to the wall and extend downward from the floor level to the top of the footing. Exposed earth in crawl space foundations shall be covered with a continuous vapor retarder. All joints of the vapor retarder shall overlap by 6 inches and be sealed or taped. The edges of the vapor retarder shall extend at least 6 inches up the stem wall and shall be attached or secured to the stem wall in an approved manner.

Section 402.3.7 Glazing limitation. Add a new section to read as follows:

Glazing shall be limited to 15% of the conditioned floor area unless substantiated by a design prepared by a licensed engineer or architect registered in the State of Alaska

Section 402.4.6 Moisture control (Mandatory) Create a new section and title to read as follows:

Moisture control (Mandatory). The building design shall not create conditions of accelerated deterioration from moisture condensation. Walls, floors, ceilings, crawl space walls, crawl space floors and concrete slabs shall incorporate an approved, continuous, vapor retarder. The vapor retarder shall be installed on the warm side of the insulation. All seams shall be lapped a minimum of one stud or joist bay or sealed with an approved tape or sealant. All voids between joists and studs shall be insulated and sealed in an approved manner.

Exceptions:

1. In construction where moisture or its freezing will not damage materials.
2. One-third of total installed insulation may be installed on the warm side of vapor retarders.

Section 403.2.2 Sealing (Mandatory). Delete this section in its entirety and replace with the following:

All ducts, air handlers, filter boxes and building cavities used as ducts shall be sealed. Joints and seams shall comply with the 2009 *International Mechanical Code* as adopted by the City of North Pole.

Section 403.2.4 Duct material. Create a new subsection to read as follows:

A duct transporting ventilation air shall be constructed of a smooth-walled material, such as galvanized steel or lined fiberglass (rigid or semi-rigid). The use of flexible ducting is approved as a transition from rigid ducting to mechanical and air handling equipment. In all circumstances

PASSED

YES:

NO:

Abstained

flexible ducting shall be installed per the manufacturer's instructions. Flexible ducting shall be supported to prevent sags. The radius at the centerline shall not be less than one duct diameter.

Section 403.3 Mechanical system piping insulation (Mandatory). Insert an exception to read as follows:

Exception: piping installed within the building thermal envelope.

Section 403.5 Mechanical ventilation (Mandatory) Add a second sentence to read as follows:

Exterior exhaust vents shall be located to prevent exhaust air from entering attic or soffit vents.

Section 403.6 Equipment sizing (Mandatory). Add the following to the end of the paragraph:

Heating and cooling equipment shall be sized in accordance with the 2009 *International Mechanical Code* as adopted by the City of North Pole or based on design loads determined in accordance with the procedures described in ASHRAE Fundamentals Handbook, or other approved equivalent computational procedures.

Section 403.10 Ventilation standard. Add a new section to read as follows:

Ventilation shall comply with the 2009 *International Mechanical Code* or the latest edition of the ASHRAE Standard 62.2 as referenced.

Section 405.3 Performance based compliance Add an exception to read as follows:

Exception: Compliance may be demonstrated through a home energy rating under a program approved by the Alaska Housing Finance Corporation (AHFC) that meets the following:

1. A minimum four star plus rating is required.
2. The maximum air infiltration rate shall not exceed seven air changes per hour at 50 Pascal's pressure difference.
3. The compliance rating shall be performed by a person authorized by AHFC.
4. Compliance with sections 404.4 through 404.6 is not required.

Chapter 5 Commercial Energy Efficiency. Delete this section in its entirety.

Chapter 6 Referenced Standards. Add the following to the ASHRAE section:
62.2-2004 Ventilation and acceptable indoor air quality in low rise buildings.



March 7, 2012

City of North Pole
125 Snowman Lane
North Pole AK 99705

101 Dunkel Street, Suite 111 • Fairbanks, AK 99701-4806
Phone: (907) 457-3282 • Fax: (907) 459-3787
www.explorefairbanks.com

Dear Mayor Isaacson and City Council Members:

This letter is in regards to Fairbanks Convention and Visitors Bureau (FCVB) requesting the 3rd and 4th Quarter 2011 allotment of the North Pole City bed tax. The bed tax monies reinvested into destination marketing were expended to help fund the following:

The Bed Tax Revenue collection through December 2011 (see North Pole monthly attached):

Bed Tax Year To Date Dollar Change through December				
	2011	2010	Net Gain/Loss	
Borough	1,732,859.48	1,734,822.48	-1,963	-0.11%
City	2,476,319.81	2,518,544.97	-42,225	-1.7%
North Pole	83,172.71	84,992.85	-1,820	-2.1%
Totals	4,292,352.00	4,338,360.30		
		Overall Net Gain/Loss	-46,008	-1.06%

The Tourism department has been working with our Advertising and Pr department to launch our Korean, Chinese and Japanese websites as well as updating our German website. Greg Allison along with Angie Spears of Fairbanks International Airport attended 2011 World Routes Airport/Airlines Convention in Berlin Germany. Ed Malen hosted the Omni and JAL Familiarization tour (see attached photos) and is preparing for the ATIA UK Tour Operator tour. They have been working on the 2012/2013 Group Tour Manuel as well as the attached handout for travel agents to help promote Gulf of Alaska cruise which usually includes a land tour that begins or ends in Fairbanks.

The Tourism department also attended the 2011 National Tourism Association Conference where Greg was able to meet with 60 tour operators and travel agents for one-on-one appointments as well as hosting a booth with ATIA during the conference. They also attended the 2012 American Bus Association Convention meeting with 40 travel, trade and media professionals for one-on-one business appointments. They participated in the 2011 Dallas Travel & Adventure Expo including a 10 minute Alaska



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Presentation on one of the main stages; the 2012 Chicago Travel & Adventure Expo and the 2012 LA Travel & Adventure Expo with over 30,000 consumers in attendance.

Our Meetings & Convention department hosted their Juneau Blitz in November. They had 10 appointments with 21 meeting planners and hosted a luncheon with 46 attendees. Helen Renfrew our Director of Meetings & Conventions along with Karen Lane attended the 2011 AFN Convention in Anchorage. The Meetings & Conventions department completed and is sending out our 2011/2012 Meeting Planner Guide which includes the Hotel North Pole.

Our Advertising and Public Relations department in conjunction with our Meetings & Conventions department completed the Outdoor Writers of American Association (OWAA) 2012 Pre and Post Conference Excursions and Opportunities catalog. OWAA mailed this catalog out to over 900 members in February. There is also an online catalog that changes and additions can be made to, please contact Amy Geiger at ageiger@explorefairbanks.com.

Our Advertising and Public Relations Department saw a 13% increase in unique visitors in 2011 over 2010 to our website. Our 2012 Fairbanks Visitor Guide was completed and delivered to FCVB in December for distribution. In November they hosted Janna Lopez publisher of Oregon Family Media which included highlights of winter and family activities in the interior. See attached list of Spring 2012 press tours.

Michelle Newman's story of "Sacha in Santaland" is planned for AAA Home and Away magazine, with a distribution of over 3 million, for December 2012 Christmas story. Kasey Gillam will be working on some co-op advertising to run concurrent with this article.

From January through December 2011, FCVB Visitor Services staff greeted over 97,000 visitors at the Morris Thompson Cultural and Visitors Center. With Karen Lane leaving FCVB to become the new General Manager of Fairbanks Arctic Winter Games 2014 Charity Gadapee was promoted to Director of Visitor Services and Membership. Charity has worked for FCVB since 2002 and has been working in conjunction with Karen since 2008 as the Manager of Visitor Services and Membership.

On February 22, 2011 Gary Hutchison with Kohler, Schmitt & Hutchison presented the FCVB Board with our 2011 audit. We received a good clean opinion from the auditors; please see attached audit and management letter.



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Thank you again for reinvesting bed tax dollars into destination marketing which has shown a proven ability to help generate revenue for your community members. If there are questions, please contact me at my direct line 459-3774 or at dmurphy@explorefairbanks.com.

Upcoming events, March 21, FCVB luncheon, location TBA; March 27, South Denali Visitors Center Complex presentation at Alpine Lodge, please RSVP to aritenour@explorefairbanks.com; April 21, FCVB Annual Banquet, it's our 35th anniversary, TBA; May 11, 10th annual Visitor Industry Walk for Charity, Downtown Fairbanks.

Sincerely,

A handwritten signature in black ink that reads "Dawn Murphy".

Dawn Murphy
Finance and Administrative Director
Fairbanks Convention and Visitors Bureau

NORTH POLE CITY HOTEL/MOTEL BED TAX COLLECTION

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
JAN		1,941.41	1,313.34 -32.35%	-100.00%	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
FEB		1,970.59	2,291.49 16.28%	-100.00%	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
MAR		1,263.64	2,927.86 131.70%	-100.00%	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
APR		2,998.96	4,762.92 58.82%	-100.00%	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
MAY		2,870.45	7,446.07 159.40%	-100.00%	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
JUN		11,754.14	11,802.77 0.41%	-100.00%	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
JUL	7,566.02	17,553.31 132.00%	17,684.72 0.75%	-100.00%	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AUG	11,036.93	12,369.02 12.07%	19,220.83 55.39%	-100.00%	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
SEP	6,487.05	15,567.30 139.98%	7,795.32 -49.93%	-100.00%	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
OCT	6,649.40	7,386.97 11.09%	4,866.37 -33.85%	-100.00%	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
NOV	4,478.60	7,050.50 57.43%	1,970.34 -72.05%	-100.00%	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
DEC	2,517.26	2,266.56 -9.96%	1,070.68 -52.76%	-100.00%	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
TOTAL	38,735.26	84,992.85	83,172.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ATIA Japan FAM Trip 2012 February
Participant List

	Company	Department	Title	Gender	Name (First/Last)	Weight (pound)	Clotting (Japan size)	Shoe Size (U.S)	Height (Feet)
1	Japan Airlines	International Sales Strategy & Promotion	Assistant Manager	Mr.	Tomomitsu Watanabe	157	L	9 in men size	5.9
2	Japan Airlines	Corporate Sales Strategy & Promotion	TBA	Mr.	Tadayoshi Shiota	192	XL	10.5 in men size	5.8
3	Japan Airlines	Area Sales	Fleet Planning	Mr.	Motoki Kanefara	143	M	8.5 in men size	5.7
4	Jalpak	Managing Division, Route Marketing America & Oceania Group Purchasing and Tour Planning	Assistant Manager	Ms.	Tomomi Ozawa	106	TBA	TBA	TBA
5	JTB World Vacations	Americas Planning & Purchasing	Europe, Africa, Middle East & Americas Division	Ms.	Hitomi Kaiho	93	S	7 in women size	5.1
6	Kinki Nippon Tourist	Assistant Manager Website Sales Department	Planning & Operation Section (Canada), Overseas Travel Planning and Operation	Ms.	Motoyo Iwamoto	106	M	7 in women size	5.3
7	Hankyu Travel International	Sales Management & Planning Division East Japan Tour Planning Division, Europe, USA, Oceania Group		Ms.	Tomomi Nakayama	117	M	7.5 in women size	5.1
8	H.I.S.		General Manager	Mr.	Ken Adachi	132	TBA	TBA	TBA
9	Japan		Travel Trade Manager	Mr.	Naoya Asao	139	M	9 in men size	5.7
10	Fairbanks CVB			Mr.	Ed Malen	220			





North Pole

ECONOMIC DEVELOPMENT
CORPORATION

March 1, 2012

City of North Pole
Mayor Isaacson & City Council
125 Snowman Lane
North Pole, AK 99705

Mayor Isaacson & Council Members,

Pursuant to North Pole City Ordinance 4.09, here's a brief recap of the activities of the North Pole Economic Development Corporation during the 4th quarter of 2011 along with a brief overview of our activities moving forward.

Early in the 4th quarter, our focus was on wrapping up our landscaping project at the Richardson off-ramp in front of North Pole plaza and getting it, and the roundabouts, decorated for the holidays. We also continue to work with DOT to secure permitting for additional future landscaping projects around North Pole.

Going into the holidays, a major focus was once again on helping secure funding and providing logistical support to help put together a successful Christmas in Ice event, drawing thousands of people from all over the state and world to North Pole to see some amazing ice art.

We were also happy to once again put on the Spirit of North Pole Holiday Lighting Contest. This annual contest awards more than \$2,000 in cash and prizes to residents and businesses who decorate for the holidays.

Heading into the end of the year, we shifted our focus to working with the Alaska Dog Musher's Association on the North Pole Championship Sled Dog Races. We were pleased to secure Mt. McKinley Bank as the title sponsor for this event. They provided a significant investment which allowed us to put on an even better event than last year. Looking forward, our goal is to move this event to the first weekend in March so as not to compete with other major events throughout Alaska, and to add additional family activities throughout North Pole, bringing back the North Pole Winter Carnival and restoring it to the great event it has been in the past.

Additionally, we continued to represent the North Pole community at a variety of economic development and industry events throughout the state, and will continue to do our part to encourage and enhance responsible economic development throughout the North Pole area.

Moving forward, a major focus of ours will be assessing what impact any changes made at Eielson Air Force Base will have on the North Pole community, and formulating a plan to respond. We will also be finalizing the Community Profile packet we will be using as a tool to encourage businesses to consider locating or relocating to the North Pole area, and continuing to add further valuable information to our new website, NPEDC.com.

Please know that we always welcome the Council's input, so feel free to contact either myself via email at paul@santaclaushouse.com, or our executive director, Buzz Otis, at buzzotis@alaska.net, or if urgent via his cell phone at 322-8909.

Respectfully,



Paul Brown, Board President



North Pole Economic Development Corp.
Profit & Loss
October through December 2011

	<u>Oct - Dec 11</u>
Ordinary Income/Expense	
Income	
2000 - Ordinary Income	
2010 - Government Contributions	20,701.04
2020 - Corporate Contributions	11,150.00
2030 - Individual Contributions	400.00
2040 - Sponsorships	20,000.00
2060 - Program Income	70.00
2070 - Reimbursements	17,053.19
Total 2000 - Ordinary Income	<u>69,374.23</u>
Total Income	69,374.23
Expense	
3000 - Administration	
3010 - Executive Director	7,500.00
3030 - Vehicle & Mileage Reimb.	1,500.00
Total 3000 - Administration	<u>9,000.00</u>
4000 - Operations	
4010 - Office Expense	119.98
4020 - Office Supplies	261.99
4030 - Dues & Subscriptions	250.00
4040 - Postage & Mailing	53.97
Total 4000 - Operations	<u>685.94</u>
4100 - Travel & Entertainment	
4110 - Travel Expense	300.99
4160 - Meals & Entertainment	311.95
Total 4100 - Travel & Entertainment	<u>612.94</u>
5000 - Facilities & Equipment	
5010 - Rent	1,500.00
Total 5000 - Facilities & Equipment	<u>1,500.00</u>
5100 - Utilities	
5110 - Electricity	150.00
5130 - Phones & Internet	562.23
Total 5100 - Utilities	<u>712.23</u>
6000 - Marketing & Outreach	
6020 - Production Services	2,792.50
6040 - Donations & Sponsorships	21,400.00
Total 6000 - Marketing & Outreach	<u>24,192.50</u>
6200 - Programs	
6210 - Spirit of North Pole	3,325.01
6220 - Beautification Projects	4,845.86
6200 - Programs - Other	553.47
Total 6200 - Programs	<u>8,724.34</u>
7000 - Professional Services	
7020 - Accounting Fees	1,164.61
Total 7000 - Professional Services	<u>1,164.61</u>
Payroll Expenses	
FICA	511.61
Gross Wages	5,626.88
Med	119.66
SUTA	237.03
Payroll Expenses - Other	18.32
Total Payroll Expenses	<u>6,513.50</u>
Total Expense	<u>53,106.06</u>
Net Ordinary Income	<u>16,268.17</u>
Net Income	<u><u>16,268.17</u></u>

North Pole Economic Development Corp.
Balance Sheet
As of December 31, 2011

	<u>Dec 31, 11</u>
ASSETS	
Current Assets	
Checking/Savings	
NPEDC	14,857.95
Total Checking/Savings	<u>14,857.95</u>
Accounts Receivable	
Accounts Receivable	7,200.00
Total Accounts Receivable	<u>7,200.00</u>
Total Current Assets	<u>22,057.95</u>
TOTAL ASSETS	<u>22,057.95</u>
LIABILITIES & EQUITY	
Liabilities	
Current Liabilities	
Accounts Payable	
Accounts Payable	-301.24
Total Accounts Payable	<u>-301.24</u>
Other Current Liabilities	
Payroll Liabilities	
FICA	366.08
Med	102.08
SUTA	254.15
Payroll Liabilities - Other	18.32
Total Payroll Liabilities	<u>740.63</u>
Total Other Current Liabilities	<u>740.63</u>
Total Current Liabilities	<u>439.39</u>
Total Liabilities	439.39
Equity	
Opening Balance Equity	33,376.83
Unrestricted Net Assets	7,957.21
Net Income	-19,715.48
Total Equity	<u>21,618.56</u>
TOTAL LIABILITIES & EQUITY	<u>22,057.95</u>

CITY OF NORTH POLE
 BED TAX - Ordinance 09-14
 GL Acct: 01 00 00 5817
 Quarterly Disbursements
 For the Year Ended December 31, 2011

Amts are booked in the month they are received. At year, end
 the taxes received in January are accrued back to December,
 in accordance with GAAP.

Month	Amount	0.15 Retention	0.85 Distribution	AMOUNTS APPLICABLE TO EACH ORGANIZATION				Total
				01 02 00 7204 NP Economic Development 50%	01 02 00 7201 NP Chamber 30%	01 02 00 7203 Christmas In Ice 15%	01 02 00 7205 FCVB 5%	
January	-							
February	1,313.34							
March	2,291.49							
Total 1st Quarter	3,604.83	540.72	3,064.11	1,532.05	919.23	459.62	153.21	3,064.11
April	2,927.86							
May	4,762.92							
June	7,446.07							
Total 2nd Quarter	15,136.85	2,270.53	12,866.32	6,433.16	3,859.90	1,929.95	643.32	12,866.32
July	11,802.77							
August	17,684.72							
September	19,220.83							
Total 3rd Quarter	48,708.32	7,306.25	41,402.07	20,701.04	12,420.62	6,210.31	2,070.10	41,402.07
October	7,795.32							
November	4,886.37							
December	1,970.34							
YE Accrual	1,070.68							
Total 4th Quarter	15,722.71	2,358.41	13,364.30	6,682.15	4,009.29	2,004.65	668.22	13,364.30
TOTALS	83,172.71	12,475.91	70,696.80	35,348.40	21,209.04	10,604.52	3,534.84	70,696.80



**North Pole Police Dept.
125 Snowman Ln.
North Pole, AK 99705**

**Lieutenant Steve Dutra
Phone: 907-488-8459
Fax: 907-488-5299**

North Pole City Council,

February 29, 2012

This letter is an official request urging you to authorize the expenditure of \$16,906.49 for much needed computer equipment.

Please see attached itemized expenditure sheet.

The amount listed above covers the shared costs for the North Pole Police Department to upgrade the entire fleet of computers used by patrol officers. This new equipment will be installed in 11 patrol cars and 10 workstations. This new equipment will give our patrol officers the necessary tools they need to become more efficient and accountable for many years to come.

This expense will replace laptops, screens, docking stations, and more. Our aging computer infrastructure is starting to show its age and we are experiencing significant failures due to the age of the current equipment.

The overall cost for this new equipment was \$67,625.95. By using funds from FPD's COPS grant we are able to purchase the equipment at a significantly reduced price and our actual costs are \$16,906.49. These funds will be pulled from our asset forfeiture money and will not have any impact on our current budget.

I would request that you approve this expense and allow us to proceed with the purchase.

Sincerely,

A handwritten signature in blue ink, appearing to be "S. Dutra".

Lt. Steve Dutra

GCS		Number Rec'd	QUANT	PART NUM	PRICE	ADJ TOTAL F GRANT	FUN	MATCH
ITEM								
Dell E6420 ATG to spec			18	225-0702	2,987.00	53,766.00	40,324.50	13,441.50
MS Visio 2010			18	D86-04527		2,592.00	1,944.00	648
E/Monitor Flat Panel Monitor Stand			7	330-0874	83	581	435.75	145.25
E/Port 130W Simple Port Replicator			7	430-3113	109	763	572.25	190.75
6-cell (60WH) Lithium Ion Battery			6	312-1163	125	750	562.5	187.5
90W-3 pin AC Adapter			6	312-3086	55	330	247.5	82.5
24" Monitor			3	320-2776	230	690	517.5	172.5
22" Monitor			4	468-7415	179	716	537	179
Dell keyboard			18	330-5312	18	324	243	81
Dell mouse			18	A5586257	10	180	135	45
TOTAL FROM GCS						60,692.00	45,519.00	15,173.00
HOWARD			QUANT	PART NUM	PRICE	ADJ TOTAL F GRANT	FUN	MATCH
ITEM								
Havis Mobile Dock/Port Replicator			10	DS-DELL-221	516	5,160.00	3,870.00	1,290.00
Havis (Lind) Mobile Power Supply			15	LPS-105	98	1,470.00	1,102.50	367.5
Shipping			1		303.95	303.95	227.96	75.99
Total						\$67,625.95	\$50,179.46	\$16,906.49