



**CITY OF ALTOONA
 BUILDING DEPARTMENT
 COMMERCIAL CONSTRUCTION PERMIT
 SUBMITTAL INFORMATION**

2012 International Building Code
 2012 International Residential Building Code
 2014 National Electrical Code
 2012 International Plumbing Code
 2012 International Mechanical Code
 2012 International Fire Code
 2012 Energy Conservation Code
 ANSI A117.1-09

TABLE R301.2(1) CLIMATE AND GEOGRAPHICAL CRITERIA

Ground Snow Load	Wind Design		Seismic Design Category	Subject to Damage From			Winter		Flood Hazards	Air Freezing Index	Mean Annual Temp
	Speed MPH	Topograph effects		Weathering	Frost line Depth	Termite	Design Temp	Ice Barrier Req'd	NFIP Acceptance Zone C		
30 PSF	90	NO	A	Severe	42"	Mod/ Heavy	-5F	Yes	10-Nov-82 – No local amendments.	1833	48.6

MAILING ADDRESS: 407 8TH STREET SE, ALTOONA, IA 50009-1941
 PHYSICAL LOCATION: 1504 8TH STREET SW, ALTOONA, IOWA
 PHONE: 515-967-5138 ext 4
 Website: <http://www.altoona-iowa.com>

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I. Permit Submittal Checklist

The following information is required for the permit review process

- A. **Two sets** of detailed and dimensioned civil, architectural, mechanical, electrical, plumbing and structural plans for review. The following shall be included:
- i. **Code Analysis.** A descriptive analysis of the proposed facility which includes allowable area, number of stories/height, type of construction, means of egress, occupant loads, accessibility, amount of required plumbing fixtures, location/type of fire resistance rated assemblies, and calculations indicating ventilation whether natural or mechanical. If alternations or remodeling scope of work and work areas shall be identified.
 - ii. **Floor Plans** - Dimensions of total building and each space and room in which work is being performed, use of each room and adjacent rooms identified, locations of all doors, windows, partitions, means of egress components, plumbing and mechanical fixture locations, exit lighting and emergency lighting locations.
 - iii. **Building Elevations.** Plan elevations showing building stories and floor to floor/roof height, projections, exterior wall finishes, parapets, and weatherproofing.
 - iv. **Roof Plans.** Locations of any installed mechanical equipment, dimensions of roof, rooftop access, slope of roof, drain locations, roof membrane assemblies and roof fire classification.
 - v. **Accessibility.** Details of all handicap accessible items such as plumbing fixtures, ramps, accessible routes interior and exterior, drinking fountains, service counters, cashier/check out lanes, seating, etc; based on the provisions of chapter 11 of the IBC and ANSI A117.1-09
 - vi. **Interior Finishes.** Types of material finishes to be installed, floor, ceiling, walls, etc. Fire classifications shall be identified for type of materials being used. Toilet/bathing facilities shall have interior floor, wall and ceiling finishes indicated.
 - vii. **Door/Glazing/Hardware Schedule.** Size of all doors, and type of operating hardware including type of locking mechanisms to be used, thresholds shall be identified, fire resistance rating to any applicable. Size and location of all openings containing glazing with identification of safety glazing where applicable.
 - viii. **Mechanical, Electrical, and Plumbing.** Scaled plans shall be provided with information containing equipment types (electrical panels, furnaces, boilers, transformers, refrigeration, etc), locations, size of gas lines, duct work sizes, electrical circuit sizes, plumbing waste and vent and water line sizes, grease traps and interceptors, grease hoods, and medical gas equipment, etc.
 - ix. **Structural Plans.** Plans detailing size of beams, columns, footings, foundations, reinforcing steel, floor framing, roof framing, framing and connection details, shear wall locations, wind bracing locations, fastener schedule and soil bearing requirements.
 - x. **Hazardous Materials.** Any areas of the facility that store or utilize these types of materials as defined by code shall be indicated along with quantities, storage systems and MSDS sheets.
- B. **One set** of Structural Calculations and soil reports. Calculations shall indicate the applicable loads to be applied with the load path details, the analytical method used to determine building structural design.

- C. **Documents** as required pursuant to Sections 542B and 544A of the Code of Iowa, shall bear the stamp and signature of all design professionals who shall be licensed in the State of Iowa as determined by the State Code of Iowa or if exempt, the proper form shall be completed and provided. Individual plan sheets may be stamped and signed or cover sheet may be stamped and signed with all pages under design professionals' purviews noted. At least one set shall be wet seal. *This is not required on preliminary submittal, but is required for final sets.*
- D. **Site Plan.** All building locations shall be identified along with setbacks to all property lines, zoning setbacks, utility types and locations (mains and services), parking stalls including handicap parking and signage and striping details, exterior ramp and stair locations with details, sidewalks and approaches, topography information, storm water detention areas, distances between multiple buildings, site lighting, fire hydrant locations, trash enclosures and key box locations.
- E. **Energy Review.** Documentation showing compliance with the 2012 International Energy Conservation Code and State of Iowa Energy requirements per 661 IAC Chapter 303. Note: 3rd party verification by energy professionals of installations and/or testing is required. (other versions may be mandated in future without prior notification)

NOTE: Deferred Submittals – It is understood that in most cases the **fire sprinkler** system and the **fire alarm** system will be deferred submittals. Fire alarm/Fire sprinkler systems shall be submitted for review and approval prior to installation.

Plan Review Timeline – The allotted time for staff to review plans and submit responses to you is twenty (20) working days. Depending on the project, more or less time may be required.

Building Permit Fee Schedule is available at <http://www.altoona-iowa.com/departments/community-services/building/>

PLAN REVIEW COMMENTS ARE TO BE ADDRESSED AND CHANGES MADE TO PLANS. TWO SETS OF REVISED/FINAL PLANS ARE REQUIRED TO BE PROVIDED TO THIS OFFICE PRIOR TO PERMIT ISSUANCE. (One department-stamped set will be retained by the Building Department and one set will be returned to applicant at time of permit issuance to be kept on-site).

THE REVISED/FINAL PLAN Documents shall bear the wet seal/stamp and signature of all design professionals who shall be licensed in the State of Iowa as determined by the State Code of Iowa or if exempt, the proper form shall be completed and provided. Individual plan sheets may be stamped and signed or cover sheet may be stamped and signed with all pages under design professionals' purviews noted. All pursuant to Sections 542B and 544A of the Code of Iowa.

II. Water Meter Request Form

The following form must be completed and submitted with the permit submittal application.



Water Meter Request Form

Date: _____
 Project Name: _____
 Address: _____
 Contact Name and Title: _____
 Phone: _____ Email: _____
 Contact Address: (If different): _____
 Plumbing Contractor: _____

Type of Facility

- | | | |
|---|-------------------------------------|------------------------------------|
| <input type="checkbox"/> Apartment/Condo Building | <input type="checkbox"/> Restaurant | <input type="checkbox"/> Hotel |
| <input type="checkbox"/> Retail Building | <input type="checkbox"/> Industrial | <input type="checkbox"/> Warehouse |
| <input type="checkbox"/> Commercial | | |

*Size of service: _____
 Number of bathrooms/restrooms: _____
 Design flow demand in gpm: _____
 *Size of meter being requested: _____ (For most uses a compound meter will be required. Turbo meters will only be permitted for uses that have consistent flows such as an industrial use.)

*NOTE: The size of the service does not dictate the size of the actual water meter.

Sensus Meters – (<http://sensus.com/web/usca>)

Meter Size	Normal Operating Flow Range	Low Flow Range	Maximum Operating Pressure	Cost**
¾"	0.18 to 35 gpm	>0.11 to <0.18 gpm	200 psi	\$130.00
1"	0.4 to 55 gpm	>0.3 to <0.4 gpm	200 psi	\$230.00
1.5" Turbo	1.25 to 160 gpm	.75 gpm	200 psi	\$900.00
1.5" Comp	.5 to 160 gpm	.25 gpm	200 psi	\$1,300.00
2" Turbo	1.5 to 200 gpm	1.0 gpm	200 psi	\$1,100.00
2" Comp	.5 to 160 gpm	.25 gpm	200 psi	\$1,500.00
3" Turbo	2.5 to 500 gpm	1.5 g pm	200 psi	\$1,300.00
3" Comp	1.0 to 400 gpm	.5 gpm	200 psi	\$1,900.00
4" Turbo	3.0 to 1,000 gpm	2.0 gpm	200 psi	\$2,500.00
4" Comp	1.5 to 800 gpm	.75 gpm	200 psi	\$3,100.00
6" Turbo	4.0 to 2,000 gpm	2.5 gpm	200 psi	\$4,300.00
6" Comp	3.0 to 1,600 gpm	1.5 gpm	200 psi	\$5,300.00

**NOTE: Meter cost only, additional charges will apply

OWNER IS RESPONSIBLE FOR ALL METER MAINTENANCE COSTS.

City Use Only
 Type and Size of Meter approved _____
 By: _____ Date: _____

III. Storm Water Requirements

- A. SWPPP/COSESCO.** A Stormwater Pollution Prevention Plan (SWPPP) and COSESCO Permit Application must be submitted for review and approval to Karen Oppelt, Public Utilities Superintendent. For questions regarding the submittal and review process please contact Karen at 515-967-3180, Ext. 233 or at koppelt@altoona-iowa.com.

IV. Building Permit Application

- A. Permit Application.** The following application form (page 6) is required to be submitted along with the plans and documentation. The Design Professional Responsible/In Charge shall be noted on the permit application. Note: It is not required to know the contractor/contractor information at time of initial submittal. Contractor/contractor information is required before permit issuance.

Community work is located in: ALTOONA		Address & Legal description where work is performed:		Date of Application:	
Architect or Engineer	Name		Contractor	Name	
	Address			Address	
	City			City	
	State	Zip		State	Zip
	Phone #	Email		Phone #	Email
		State Contractor Reg #			
Owner/Applicant	Name		Description of work:		
	Address				
	City				
	State	Zip			
	Phone #	Email			

Inspections Required

1. Footings – After footings dug, prior to placement of concrete
2. Foundation – After foundations forms erected, steel in place, prior to placement of concrete.
3. Tar, Tile & Gravel – After damp proofing of foundation walls, subtile and gravel in place and prior to backfilling.
4. Frame – After any electrical, mechanical, and plumbing rough-in work has been inspected and approved but prior to insulation.
5. Insulation – After framing inspection has been inspected and approved but prior to covering of any walls.
6. Final – After work is completed but before occupancy.

24-hour Notice Required for Inspections

ALL INSPECTIONS MUST BE CALLED IN AS NOTED ON THE INSPECTION CARD.

This permit authorizes performance of the work described above, plans and specifications which are hereby made an integral part of this document. All such work shall be in accordance with applicable laws and ordinances of the City of Altoona and the State of Iowa.

NOTICE – This permit does not authorize the use of any public property, including streets, alleys, parks, bike trail system, and sidewalks, nor does it authorize the placing of any obstruction thereon. If use of public streets, alleys, and/or sidewalks is necessary, an OBSTRUCTION PERMIT must be obtained. No use or obstruction of parks and/or bike trail system is allowed.

This Permit will **expire** if work has not been commenced within 180 days of issuance date, is abandoned for more than 120 days, or is not completed within one year for residential-two years for commercial-three years if valuation exceeds \$10 million.

This permit does not cover work in which electrical, plumbing, heating and cooling equipment, and boilers systems are being installed, replaced or repaired. Separate permits are required to be obtained prior to this type of work being performed.

For construction where there is an NPDES General Permit #2 for storm water in effect, all NPDES General Permit #2 requirements shall be complied with, including weekly inspections, SWPPP updates and verification by city staff of compliance with the topsoil re-spread requirement prior to occupancy.

WARNING – No building shall be occupied until a Certificate of Occupancy has been obtained. No certificate may be issued until inspections have been conducted to confirm compliance with all applicable building, fire, electrical, plumbing, mechanical, and zoning requirements.

VIOLATIONS – Violations of the applicable codes under which this permit has been issued are deemed to be MUNICIPAL INFRACTIONS and punishable accordingly.

I hereby acknowledge that I have read this permit application and state that the above information is correct, and agree to comply with all ordinances and state and federal laws regulating activities covered by this permit.

Applicant/Owner or agent thereof – signature

Printed Name

V. Special Inspection Agreement Form

The first 3 pages of this 4-page form must be completed and submitted. All parties must sign and the engineer of record must indicate those items required to be special inspected.

SPECIAL-INSPECTION AND TESTING AGREEMENT

To permit applicants of projects requiring special inspection and/or testing per Chapter 17 of the International Building Code (IBC):

Project Address: _____

Permit No.: _____

BEFORE A PERMIT CAN BE ISSUED: The owner, or the Engineer or Architect of record, acting as the owner's agent, shall complete two (2) copies of this agreement and the attached Special-inspection and Testing Schedule, including the required acknowledgments. A pre-construction conference with the parties involved may be required to review the special-inspection requirements and procedures.

APPROVAL OF SPECIAL INSPECTORS: Special inspectors may have no financial interest in projects for which they provide special inspection. Special inspectors shall be approved by the building department prior to performing any duties. The special inspection agency shall submit credentials and shall maintain records of all employees performing special inspections. Individual special inspectors shall submit their qualifications to the Building Official for pre-qualification, and are subject to personal interviews if so required by the Building Official.

Special inspection and testing shall meet the minimum requirements of the *International Building Code* Chapter 17. The following conditions are also applicable:

A. Duties and Responsibilities of the Special Inspector

1. **Signify presence at job site.** Special inspectors should notify contractor personnel of their presence and responsibilities at the job site. If required by the building official, they shall sign in on the appropriate form posted with the building permit.
2. **Observe assigned work.** The special inspector shall observe assigned work for conformance with the building department approved (stamped) design drawings and specifications and applicable workmanship provisions of the *International Building Code*. Architect/engineer-reviewed shop drawings may be used only as an aid to inspection.

For continuous special-inspection, the special inspector shall be on site at all times observing the work requiring special-inspection. Periodic inspections, if any, must have prior approval based on a separate written plan reviewed and approved by the building department and the engineer or architect of record.

3. **Report nonconforming items.** The special inspector shall bring nonconforming items to the immediate attention of the contractor and note all such items in the daily report. If any item is not resolved in a timely manner or is about to be incorporated in the work, the special inspector shall immediately notify the building department by telephone or in person, notify the engineer or architect, and post a discrepancy notice.
3. **Provide timely reports.** The special inspector should complete written inspection reports for each inspection visit and provide the reports on a timely basis determined by the building official. The special inspector or inspection agency shall furnish these reports directly to the building official, engineer or architect of record, and others as designated. [IBC Sec. 1704.1.2] These reports should be organized on a daily format and may be submitted weekly at the option of the building official. Daily and weekly report forms are included in Appendix A of the General Program Guidelines. These reports should include:
 - a. Description of daily inspections and tests made with applicable locations,
 - b. Listing of all nonconforming items,
 - c. Report on how nonconforming items were resolved or unresolved as applicable,
 - d. Itemized changes authorized by the architect, engineer, and building official if not included in nonconforming items.
5. **Submit final report.** The special inspector or inspection agency shall submit a final signed report to the building official stating that all items requiring special inspection and testing were fulfilled and reported and, to the best of his/her knowledge, in conformance with the approved design drawings, specifications, approved change orders, and applicable workmanship provisions of the *International Building Code*. Items not in conformance, unresolved items, or any discrepancies in inspection coverage (i.e., missed inspections, periodic inspections when continuous inspections were required, etc.) shall be specifically itemized in this report.

B. Owner Responsibilities. The project owner, the engineer or architect of record or an agent of the owner is responsible for employing special-inspection services. The special inspector/agency shall *not* be in the employ of the contractor, subcontractor or material supplier. [IBC Sec. 1704.1] In the case of an owner/contractor, the special inspector/agency shall be employed as specified by the

building official.

C. Engineer or Architect of Record Responsibilities

- 1. **Prepare special inspection program.** The Engineer or Architect of record shall list the items for which special inspection is required and shall indicate any items for which the IBC or the Building Official approves periodic inspection and the frequency of such inspection.
- 2. **Respond to field discrepancies.** The Engineer or Architect of record shall respond to uncorrected field discrepancies in design, material, or workmanship observed by the special inspector.
- 3. **Review shop drawings and submit design changes.** The Engineer or Architect of record shall acknowledge and approve shop drawings that may detail structural information, shall submit to the building official and to the special-inspection agency written approval of any verbally approved deviations from the approved plans, and shall submit revised plans for Building Official approval as required.

D. Contractor Responsibilities

- 1. Notify the special inspector. The contractor is responsible for notifying the special inspector or agency regarding individual inspections for items listed on the attached schedule and as noted on the building department approved plans. Adequate notice shall be provided so the special inspector has time to become familiar with the project.
- 2. Provide access to approved plans. The contractor is responsible for providing the special inspector access to approved plans.
- 3. Retain special inspection records. Upon request, the contractor is also responsible for retaining at the job site all special inspection records completed by the special inspector.

E. Building Department Responsibilities

- 1. **Approve special inspection program.** The building department shall approve all special inspectors and special-inspection requirements.
- 2. **Enforce special inspection.** Work requiring special inspection and the performance of special inspectors shall be monitored by the building inspector. His/her approval, in addition to that of the special inspector, must be obtained prior to placement of concrete, covering of structural steel, or other similar activities
- 3. **Review inspection reports.** The building official should review special-inspection progress and final reports.
- 4. **Perform final inspection.** The building official should perform the final inspection and approval for a project [IBC Sec. 109.3.10] after the final special-inspection report has been reviewed and approved.

ACKNOWLEDGMENTS

I have read and agree to comply with the terms and conditions of this agreement.

Owner:

_____ By: _____ Date: _____

Project Engineer/Architect:

_____ By: _____ Date: _____

Soils Engineer:

_____ By: _____ Date: _____

Contractor:

_____ By: _____ Date: _____

Special Inspector or Inspection Agency:

_____ By: _____ Date: _____

ACCEPTED FOR THE BUILDING DEPARTMENT

By: _____

Date: _____

Special Inspection Firm (if multiple firms engaged on project): _____

SPECIAL-INSPECTION AND TESTING SCHEDULE

1. Concrete

- Continuous placement inspection
- Exceptions _____
- _____ Cylinders per _____ CY
- Test: _____ @ 7' @ 28' _____ Hold

2. Bolts installed in concrete

- All bolts
- Location: _____

3. Special moment-resisting concrete frame

- As Indicated
- Location: _____

4. Reinforcing steel and prestressing tendons

- Placement inspection
- Stressing and grouting of tendons

5. Structural Welding

- Periodic Visual Inspection:
- Single pass fillet welds < 5/16"
 - Steel deck
 - Welded studs
 - Cold formed studs and joists
 - Stair and railing systems
 - Reinforcing steel
- Continuous Visual Inspection
- All other welding
 - Reinforcing steel
 - Other _____
- Special moment-resisting frames:
- UT all CJP groove welds
 - UT all CJP groove welds > 5/16"
 - UT all PP groove welds in column splices
 - UT all PP groove welds in column splices > 3/4"
 - UT column flanges at beam flange welds
 - NDT rate reduction per IBC applies
 - Other _____

6. High-strength bolting

- Snug Tight: All
 As Indicated
- Full Pretension All
 As Indicated

7. Structural Masonry $f'm =$ _____, Stresses _____

- Verification of $f'm$: Prism tests
 Prism test record
 Unit strength
- Continuous inspection
 - Periodic inspection (specify frequency): _____

8. Structural masonry (continued)

Test:	Before	During
Prisms	<input type="checkbox"/>	<input type="checkbox"/>
Units	<input type="checkbox"/>	<input type="checkbox"/>
Grout	<input type="checkbox"/>	<input type="checkbox"/>
Mortar	<input type="checkbox"/>	<input type="checkbox"/>

9. Reinforced gypsum concrete

- Continuous inspection of mixing and placement
- Periodic inspection (specify frequency) _____
- Strength testing _____

10. Insulating concrete fill

- Periodic inspection (specify frequency) _____
- Strength testing _____

11. Spray-applied fire-resistive materials

- Periodic inspection (specify frequency) _____
- Testing per IBC 1704.11.5 and ASTM E736

12. Piling, drilled pier and caisson

	Continuous	Periodic
Pile Driving	<input type="checkbox"/>	<input type="checkbox"/>
Drilling	<input type="checkbox"/>	<input type="checkbox"/>
Testing	<input type="checkbox"/>	<input type="checkbox"/>

13. Shotcrete

- Continuous placement inspection
- Preconstruction panel
- In-place cores

14. Special grading, excavation, and filling

- Periodic Inspection (specify frequency) _____
- Subgrade tests
- Compaction tests
- Verify bearing strata

15. Smoke control systems

- Periodic inspection during ductwork erection (specify frequency) _____
- During system testing

16. Special cases

- Shear wall/diaphragm nailing
- Anchorage to existing concrete/masonry
 - Installation inspection
 - Proof load testing
- Shoring
- Underpinning

Notes: _____

VI. Wastewater Reclamation Authority Fat, Oil & Grease Application

Grease Interceptors. Any establishment that stores, prepares, packages, serves, vends, or otherwise provides food for human consumption is considered a Food Service Establishment (FSE). The grease interceptor design and capacity must be approved by the WRA. The following form is required to be submitted directly to the WRA for review and approval.



Des Moines Metropolitan Wastewater Reclamation
 3000 Vandalia Road
 Des Moines, IA 50317
 (515) 323-8000
www.dmmwra.org

Grease Interceptor Sizing Proposal

Date: _____
 Facility Name: _____
 Address: _____ City: _____
 Contact Name and Title: _____
 Phone: _____ Email: _____
 Contact Address (if different): _____
 Plumbing Contractor: _____

Type of Food Service Establishment (FSE)

Full Service Restaurant Assisted Living / Nursing Facility Other: _____
 Single Service Restaurant Grocery
 School / Daycare Church

Grease Interceptor Sizing – Must not be less than the Ordinance minimum of 1000 gallons.

1. Peak meals per hour
 - a. Seating capacity of FSE _____
 - b. Occupancy of FSE _____*
 - c. Seating or occupancy x meal factor of 1.3 (45 minute meal) = Peak meals per hour _____
- * Church: include all area(s) used for meal service
- * Assisted Living / nursing facility: equal to maximum number of residents (per State license)
2. Waste flow rate, gallons of flow
 - a. Commercial, equipped kitchen with dishwasher & one garbage disposal* 7
 - b. Commercial, equipped kitchen with dishwasher, no garbage disposal 6
 - c. Commercial, equipped kitchen with no dishwasher, one garbage disposal* 6
 - d. Commercial, equipped kitchen with no dishwasher, no garbage disposal 5
 - e. Single service kitchen** 2
- * Each additional garbage disposal, add one (1) gallon
- ** Single service kitchen = no garbage disposal, no dishwasher and all service is single use
3. Retention time, hours
 - a. Commercial kitchen 2.5
 - b. Single service kitchen 1.5
4. Storage factor
 - a. Commercial Kitchen up to 8 hours of operation 1
 - b. Commercial kitchen up to 16 hours of operation 2
 - c. Commercial kitchen up to 24 hours of operation 3
 - d. Single service kitchen 1.5

Peak Meals per Hour	X	Waste Flow Rate	X	Retention Time	X	Storage Factor	=	Calculated GI Size
<input style="width: 50px; height: 30px;" type="text"/>		<input style="width: 50px; height: 30px;" type="text"/>		<input style="width: 50px; height: 30px;" type="text"/>		<input style="width: 50px; height: 30px;" type="text"/>		<input style="width: 100px; height: 30px;" type="text"/>
								Minimum 1,000 gallons

Proposed installation is as follows: _____



The following must be submitted for an official sizing request:

- Completed *Grease Interceptor Sizing Proposal* (completed by a professional engineer or licensed plumber)
- Kitchen plumbing blueprint
- Kitchen equipment list
- FSE site plan showing seating capacity OR square feet / occupancy
- Verification of current Grease Interceptor size by a professional engineer or licensed plumber (if applicable)

Submit above to:
 Jason Merk, WRA FOG Program (515) 323-8063 (fax) OR jcmerk@dmgov.org
Working Together for Clean Water

VII. City Contact List

Community Development

Community Development Director: John Shaw 515-967-5136 ext 227

City Planner/Sign Permits: Chad Quick 515-967-5136 ext 222

Building Department

Building Official: Mike Pardekooper 515-967-5138 ext 154 mjp@altoona-iowa.com

Administrative Coordinator: Susi Hoots 515-967-5138 ext 150

City Engineer: Jon Hanson 515-967-5136 ext 238

Fire Chief: Jerry Whetstone 515-967-2216

Utilities

Utility Superintendent: Jim Utter 515-967-5136 ext 223

Storm Water Administrator: Karen Oppelt 515-967-5136 ext 233

Municipal Utility Billing Clerk: Matt Kray 515-967-5136 ext 226

VIII. Other Contact Information

Contractor Registration – All contractors must be registered with the State Labor Services Division. Phone: (800) 562-4692. Website: www.iowaworkforce.org/labor/contractor.htm

Electrical Work – Electrical work performed must be done by a State of Iowa Licensed Electrical Contractor. For licensing information contact the Department of Public Safety. Phone: (800) 725-6145. Website: www.dps.state.ia.us/fm/electrician/. Permits are required by the City of Altoona and Inspections of Electrical work is performed by the City of Altoona.

Plumbing/Mechanical Work – Plumbing and/or mechanical work performed must be done by a State of Iowa Licensed Plumbing/Mechanical Contractor. For licensing information contact the Department of Public Health. Phone: (866) 280-1521. Website: www.idph.state.ia.us/PMSB/. Permits are required by the City of Altoona and Inspections of Plumbing/Mechanical work is performed by the City of Altoona.

Food Establishments (Health Department) – contact the Iowa Department of Inspections and Appeals Food and Consumer Safety Bureau. Phone: (515) 281-7102. Website: www.state.ia.us/government/dia/

Elevators – Elevator contactors must contact the State Division of Labor for approval. Phone: (800) 562-4692. Website: www.iowaworkforce.org/labor/.

Fire Alarm & Fire Suppression Systems – Contractors and installers working on fire alarm systems, burglar/security systems, medical alarm systems and fire suppression systems are required to maintain current state certification and/or licensure. Contact the Department of Public Safety for certification of alarm system contractors and alarm system installers. Phone: (515) 725-6145. Website: www.dps.state.ia.us/fm/.

Grease Interceptors – Grease Interceptors must meet the design and capacity requirements of the Des Moines Wastewater Reclamation Authority (WRA). Phone: (515) 323-8123. Website: www.dmmwra.org/asp/industrialbusiness/fogprogram.aspx.