

Construction Signoff Form

Dynamic Load Management

This form serves as a checklist for customer and the contractor for ensuring that the installation of Dynamic Load Management (DLM) system and its hardware components (Energy Meter, GridBox and Router) is in compliance with the guidelines and specifications outlined in the ChargePoint Site Design Guide. Please submit the completed form and required photos to your ChargePoint sales representative and owner support agent contact.

General information

Customer Information	
Customer name	
Customer contact name	
Customer contact phone	
Customer contact email	

Site Information	
Street and number	
City	
County/Region	
Country	
Postcode	

Site Contractor Information	
Contractor type	ChargePoint designated []
	Customer designated []
Contractor company name	
Contractor site lead name	
Contractor site lead phone	
Contractor site lead email	

Pre-requisites (to be prepared by ChargePoint customer)
<p>Note: The customer needs to prepare the site according to the Site Design Guide (as stated earlier) to enable quick plug-and-play installation of the following ChargePoint DLM components:</p> <ol style="list-style-type: none"> 1. Energy Meter

Pre-requisites (to be prepared by ChargePoint customer)

2. Energy Gateway
3. Router (including the optional Antenna with 3 m cable)

The following hardware must be provided by the contractor/customer:

Current transformers (CTs)	Specify the make and model Specify matching rating / dimensions Specify the CT ratio (e.g. 1000 A / 5 A, min. Class 1)	
Terminal blocks to terminate CT wiring	Yes <input type="checkbox"/>	No <input type="checkbox"/>
x1 3-pole MCB (Miniature Circuit Breaker) (6 A) for voltage measurement for L1, L2, L3 and N close to CT terminal blocks	Yes <input type="checkbox"/>	No <input type="checkbox"/>
x2 outlets Type F	Yes <input type="checkbox"/>	No <input type="checkbox"/>
x2 Cat 5 S/FTP (or better) outdoor and shielded rated Ethernet cable to connect Energy Meter to Energy Gateway and Smart Meter to the Router (up to 100 m)	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Metal bracket for antenna installation (sealing material if needed)	Yes <input type="checkbox"/>	No <input type="checkbox"/>

Site Preparation Checklist (in accordance with the Site Design Guide)

There is sufficient space to install the DLM components as described in Site Design Guide	Yes <input type="checkbox"/>	No <input type="checkbox"/>
The CTs are installed:	Terminated to terminal blocks The CT terminal blocks are designated with Phase and current direction	
x1 3-pole MCBs for taking L1, L2, L3 and N for measuring energy meter are prepared	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Two Ethernet cables (socket) for connecting the Energy Gateway, router and Energy Meter are laid correctly (cable length max. 100 m)	Yes <input type="checkbox"/>	No <input type="checkbox"/>

Site Preparation Checklist (in accordance with the Site Design Guide)

Validate Mobile Network and Carrier availability. The network connectivity was sufficient at the location of the router or at the location of the external antenna (A minimum of 4G reception of - 85 dBm is required)

Carrier name**4G (dBi)**

[]

[]

[]

[]

[]

[]

Yes ☐No ☐

A metal bracket was installed for the antenna (3 m antenna cable length) on a wall outside, where an external antenna was needed

Yes ☐No ☐

10 mm drilling through the outer wall for the external antenna cable feed-through was prepared, where an external antenna was needed

Yes ☐No ☐

The two sockets (Type F) were installed close to the planned router (power cord = 2 m) and Energy Gateway (power cord = 1 m) location*

Yes ☐No ☐

Are there non-standard environmental conditions? (high humidity, temperature, corrosion, etc.)

Operation conditions of the Energy Meter, the Energy Gateway and the Router were within the limitations of temperature of 0°C - 40°C and non-condensing humidity of 5% - 75%?

Yes ☐No ☐**Required Pictures**

Please provide photos of the preparations according to the Site Design Guide and industry standards / local regulations:

1. Distribution board overview (front open) with visible breakers model/settings
2. MCB for voltage measurement
3. CT connection terminals
4. Location of Router
5. Location of Energy Meter
6. Location of Energy
7. Ethernet wiring
8. x2 type F sockets
9. Antenna mounting bracket (if needed)
10. Single Line Diagram available for installation (submit as an attachment)

Required Pictures

11. The breakers are labelled in the electrical panel (photo)
12. The distribution panel is wired according to industry standards/local regulations (photo)

IMPORTANT:



Use an adapter if necessary.

All pictures submitted should be in JPG format.

All pictures should be sharp and frame the item to be documented.

The resolution of pictures submitted should be between 5.0 - 12.1 MP

I, _____ hereby certify that the scope of work in this form has been correctly completed.

Signature	Location and Date

Legal disclaimer

ChargePoint is not responsible for verifying this information, and the creator of the protocol remains responsible for this information.

ChargePoint accepts no ongoing responsibilities for the electrical design and the installation specifics.



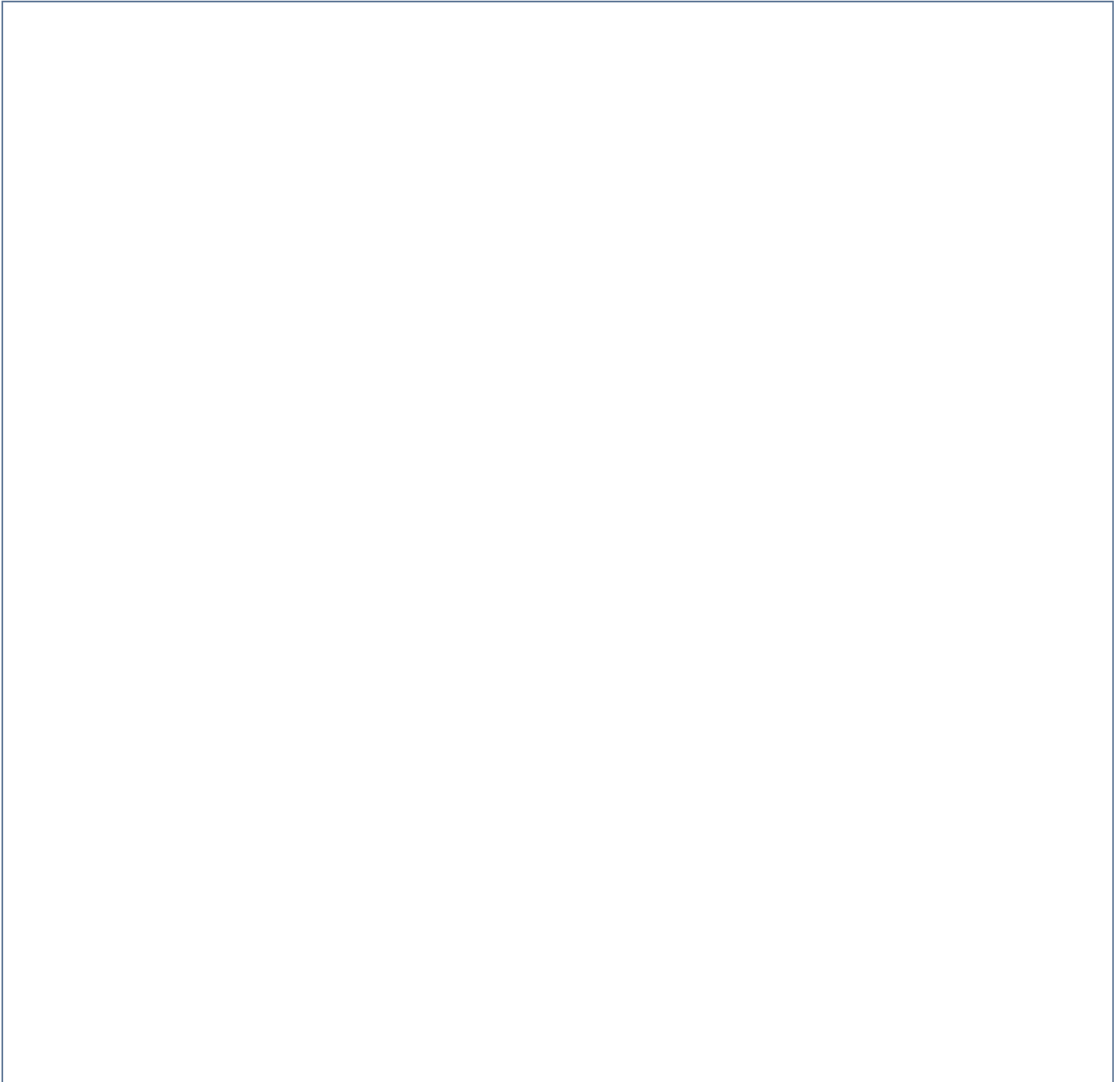
chargepoint.com/support

75-001644-02 r1



Appendix A - Required Pictures

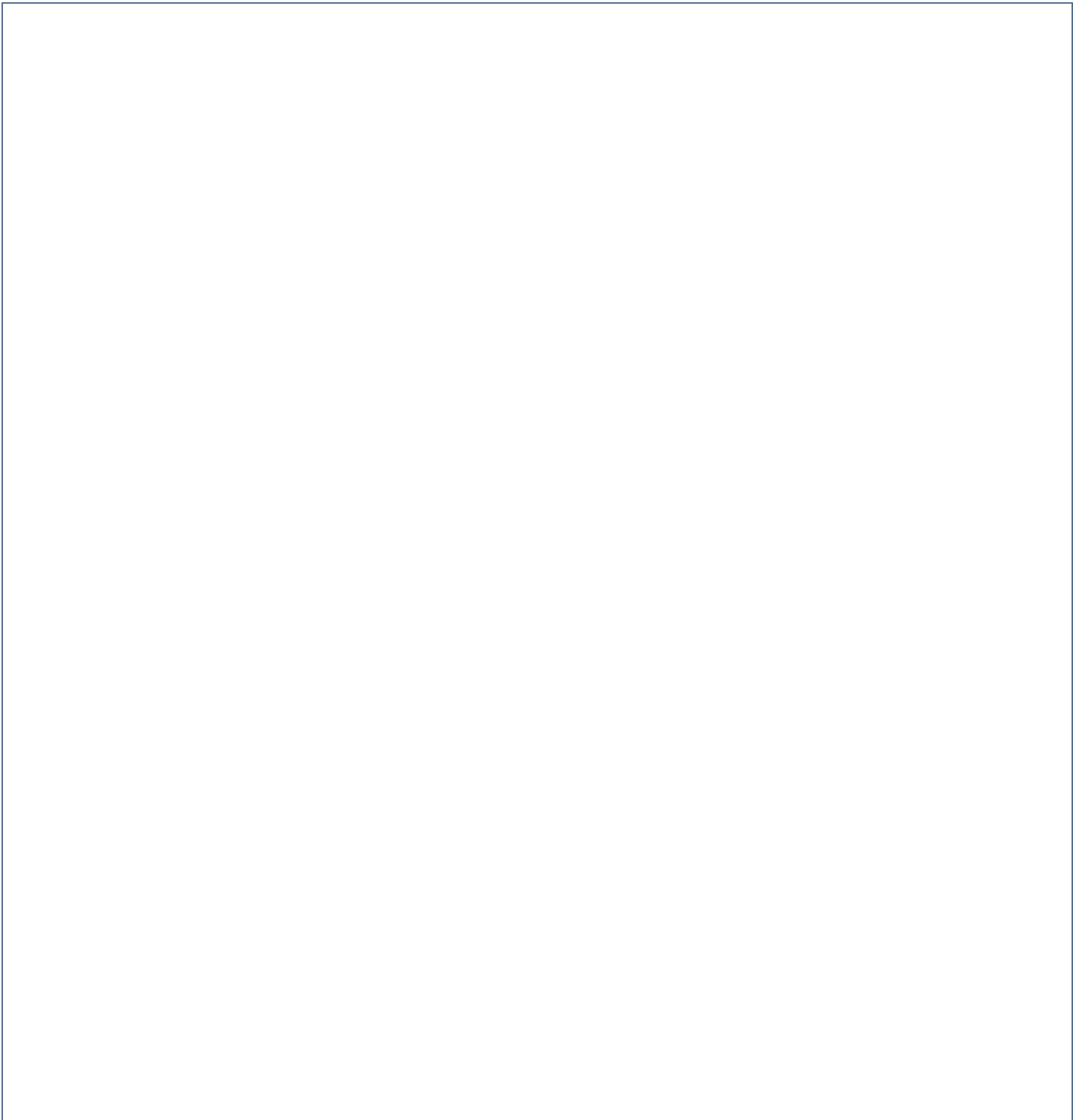
Photo 1





Required Pictures (cont.)

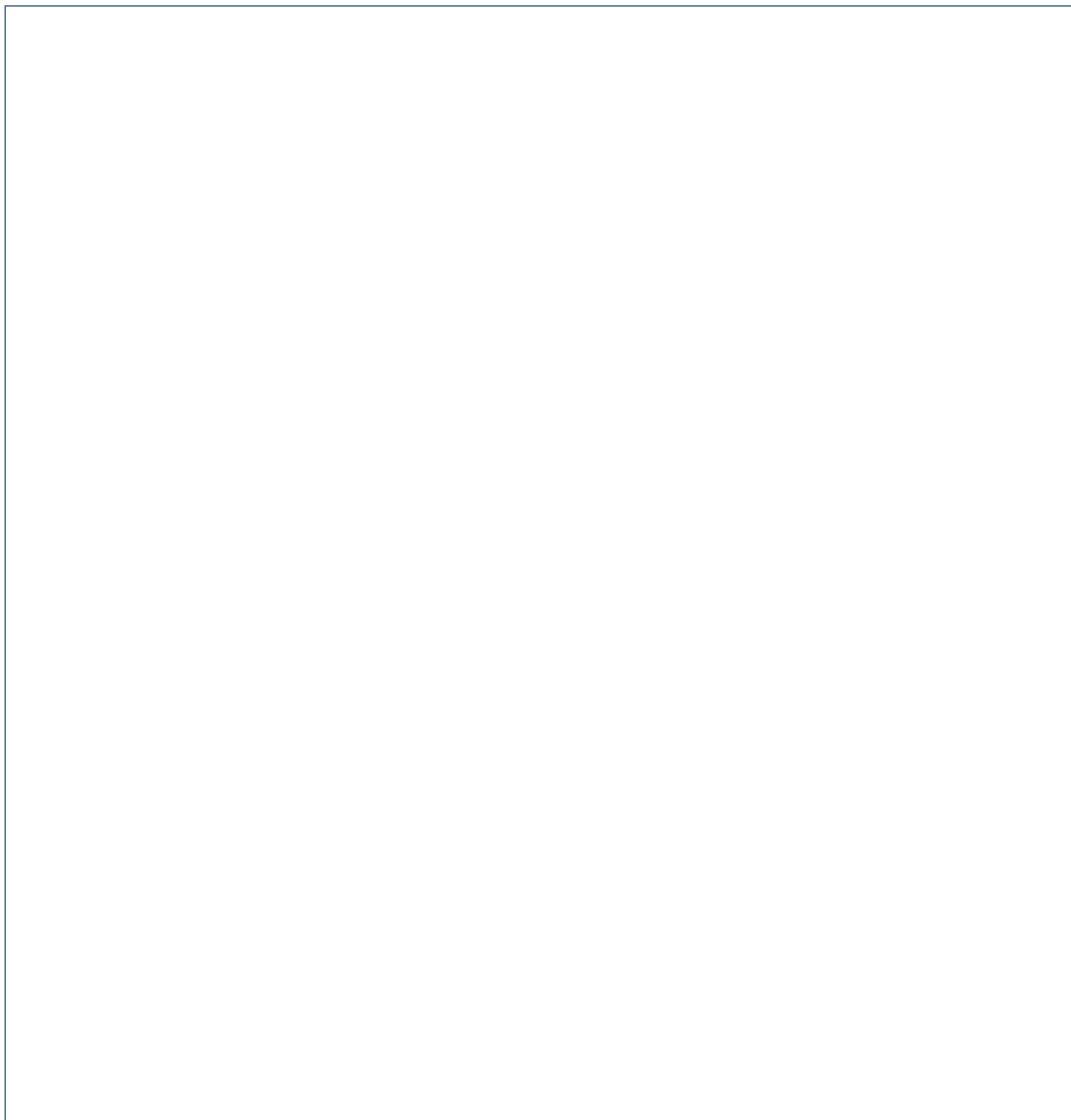
Photo 2





Required Pictures (cont.)

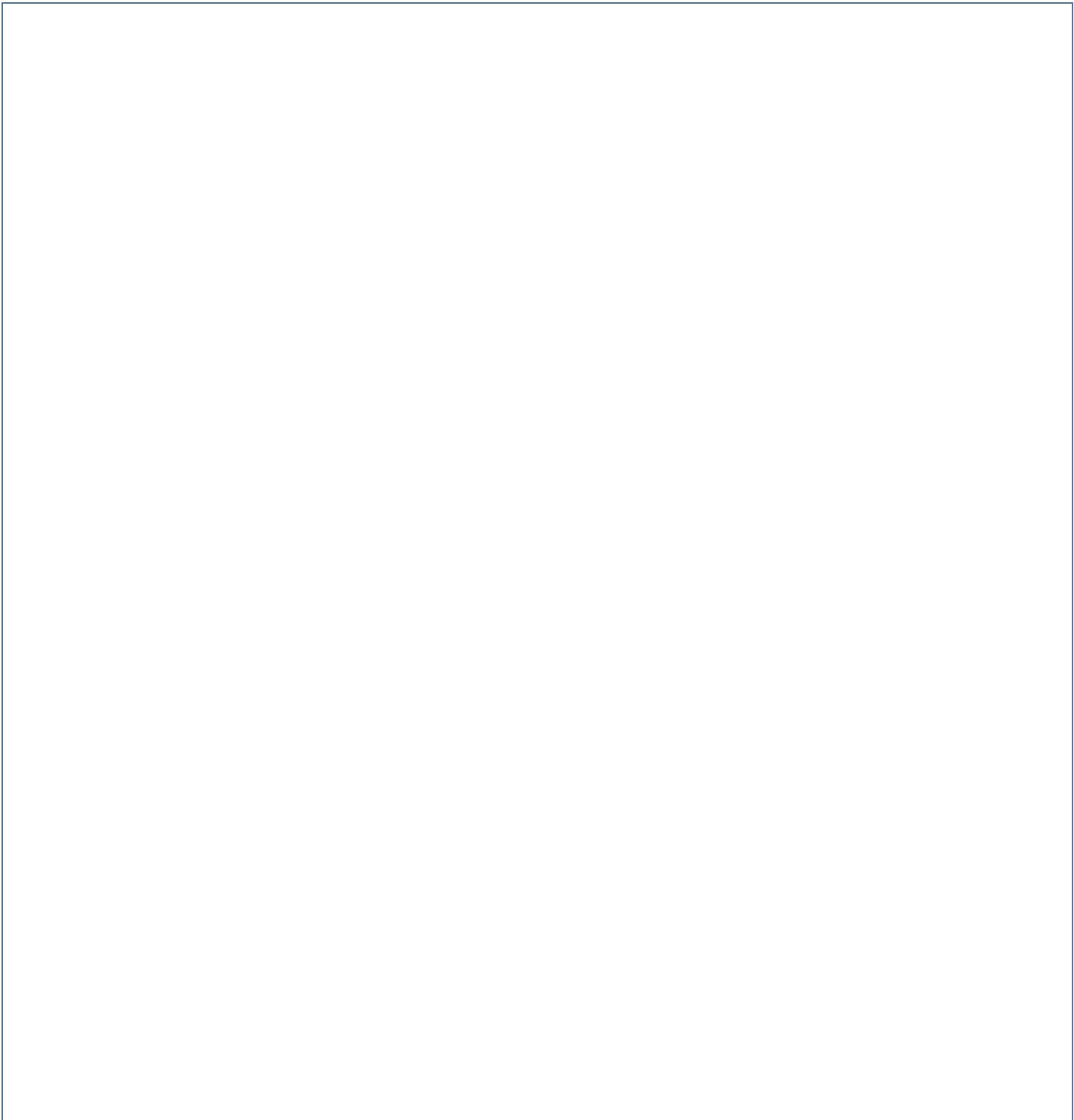
Photo 3





Required Pictures (cont.)

Photo 4





Required Pictures (cont.)

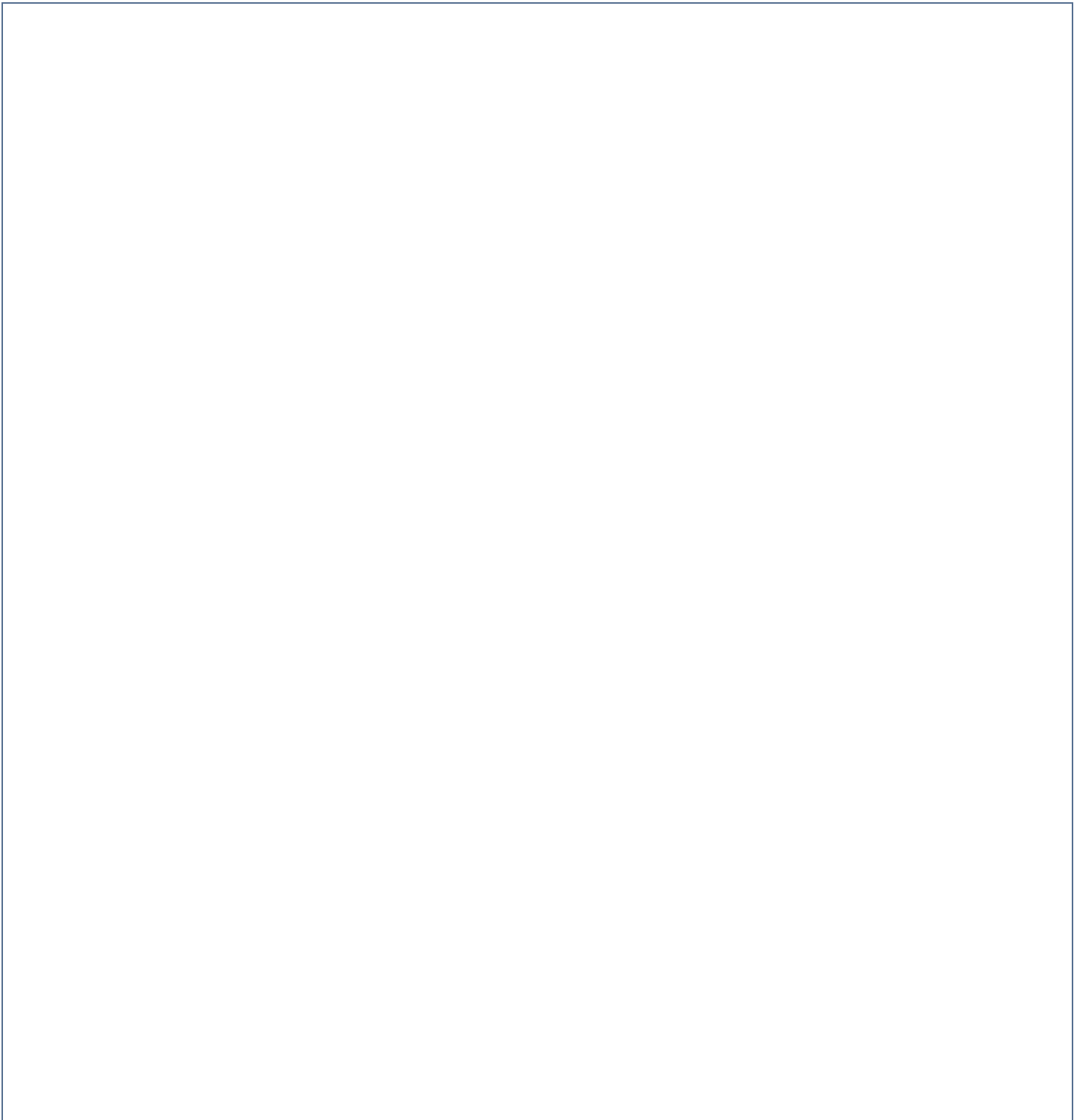
Photo 5

A large, empty rectangular box with a thin blue border, intended for uploading a photo.



Required Pictures (cont.)

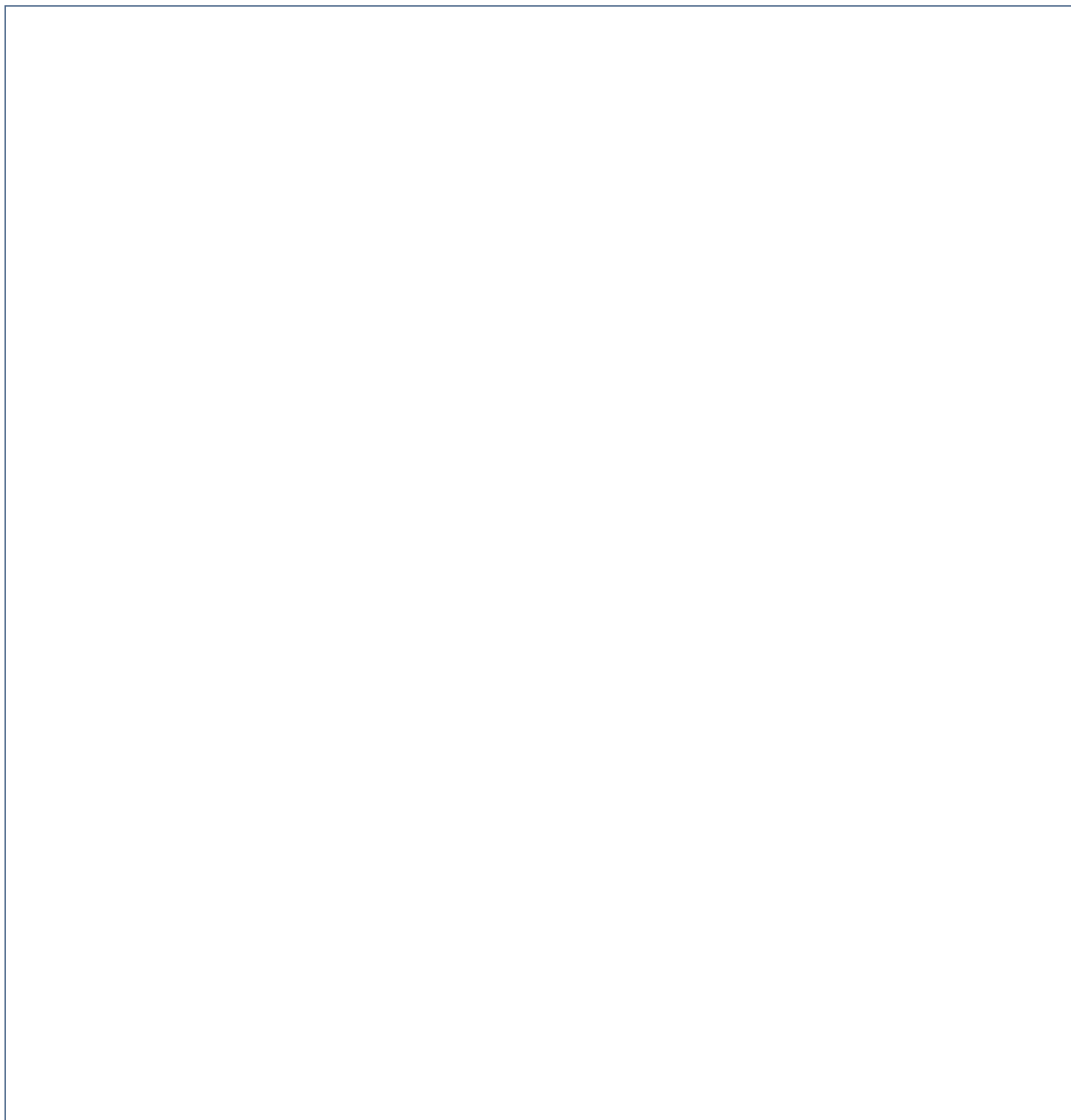
Photo 6





Required Pictures (cont.)

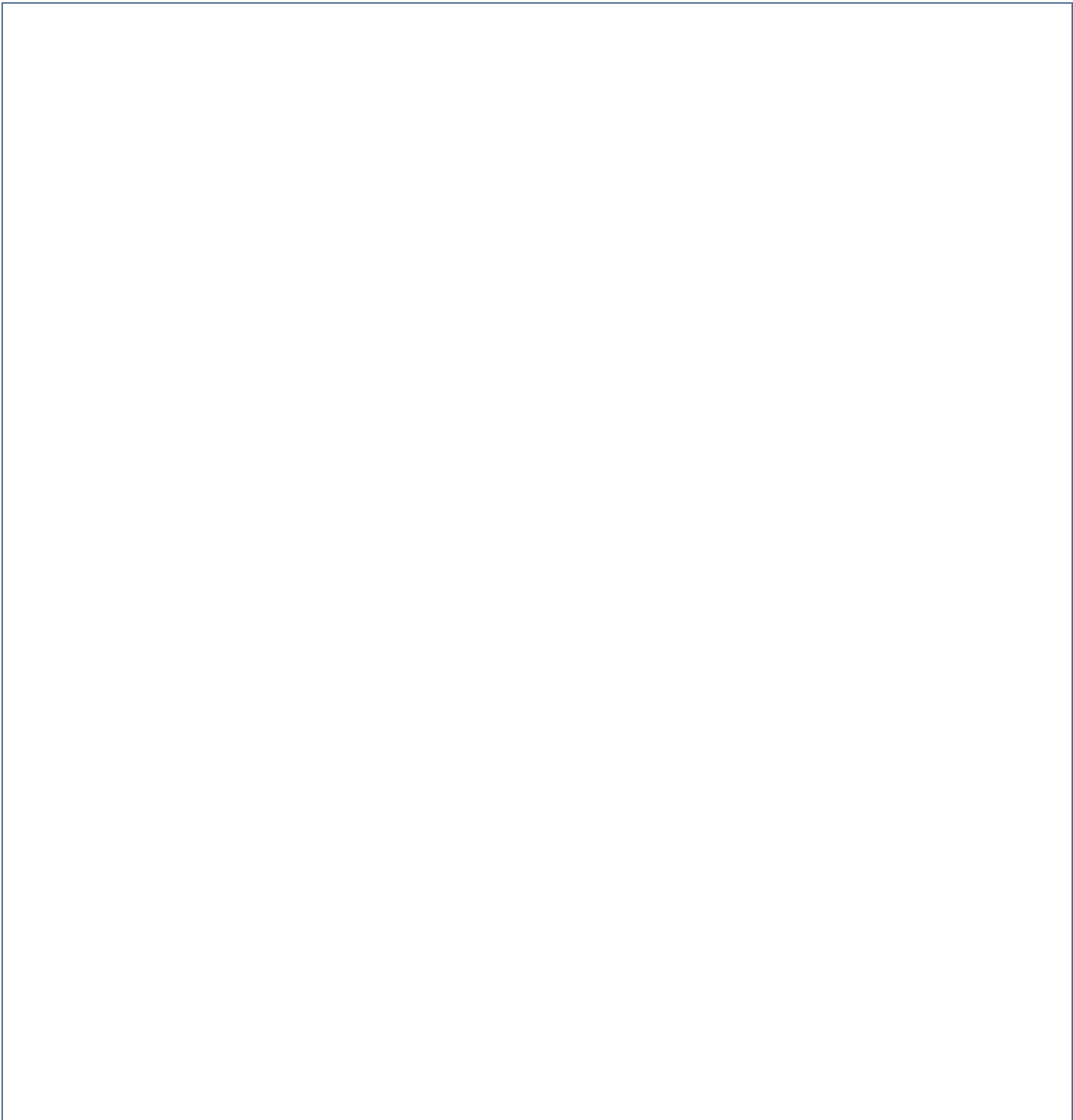
Photo 7





Required Pictures (cont.)

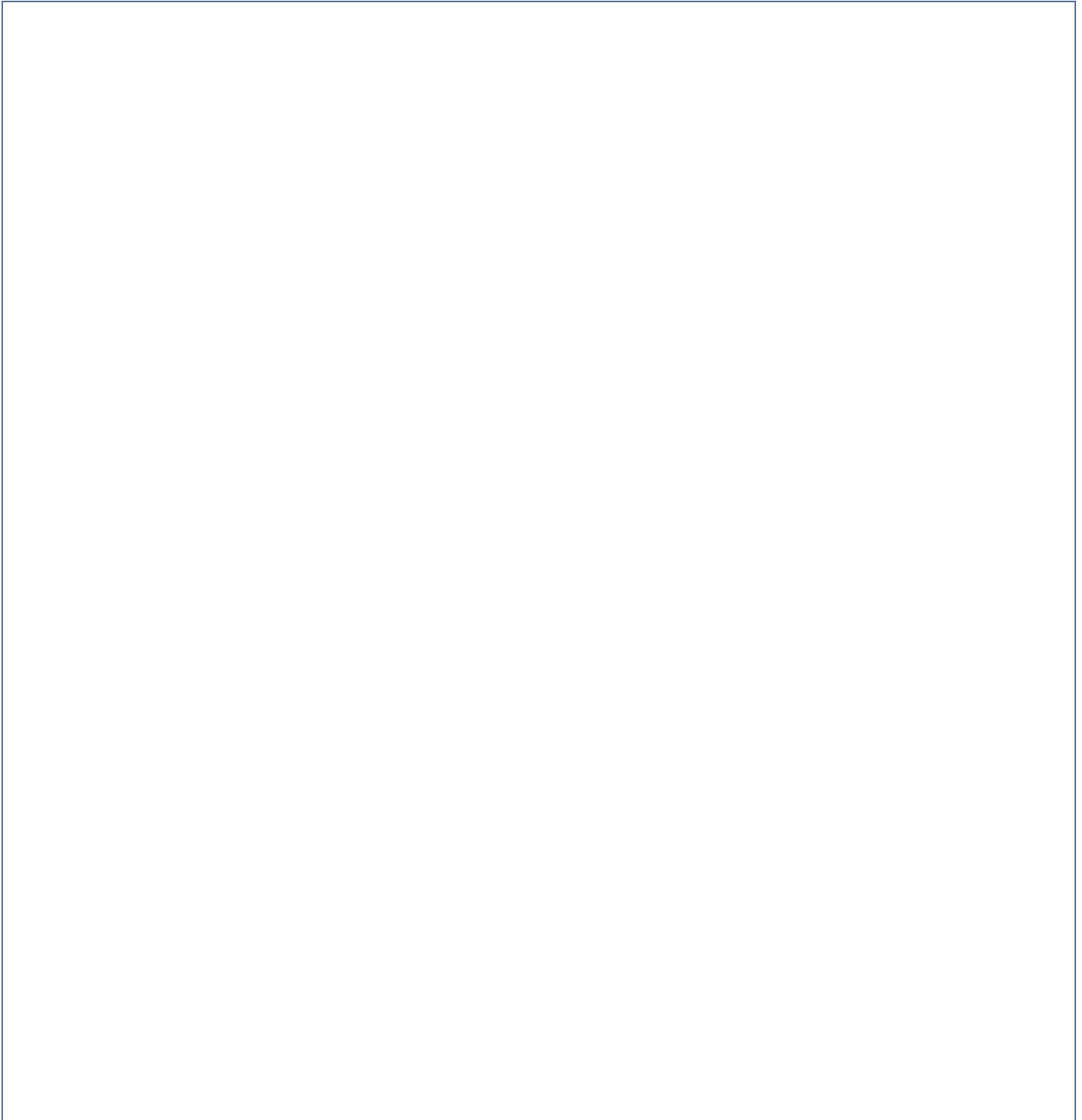
Photo 8





Required Pictures (cont.)

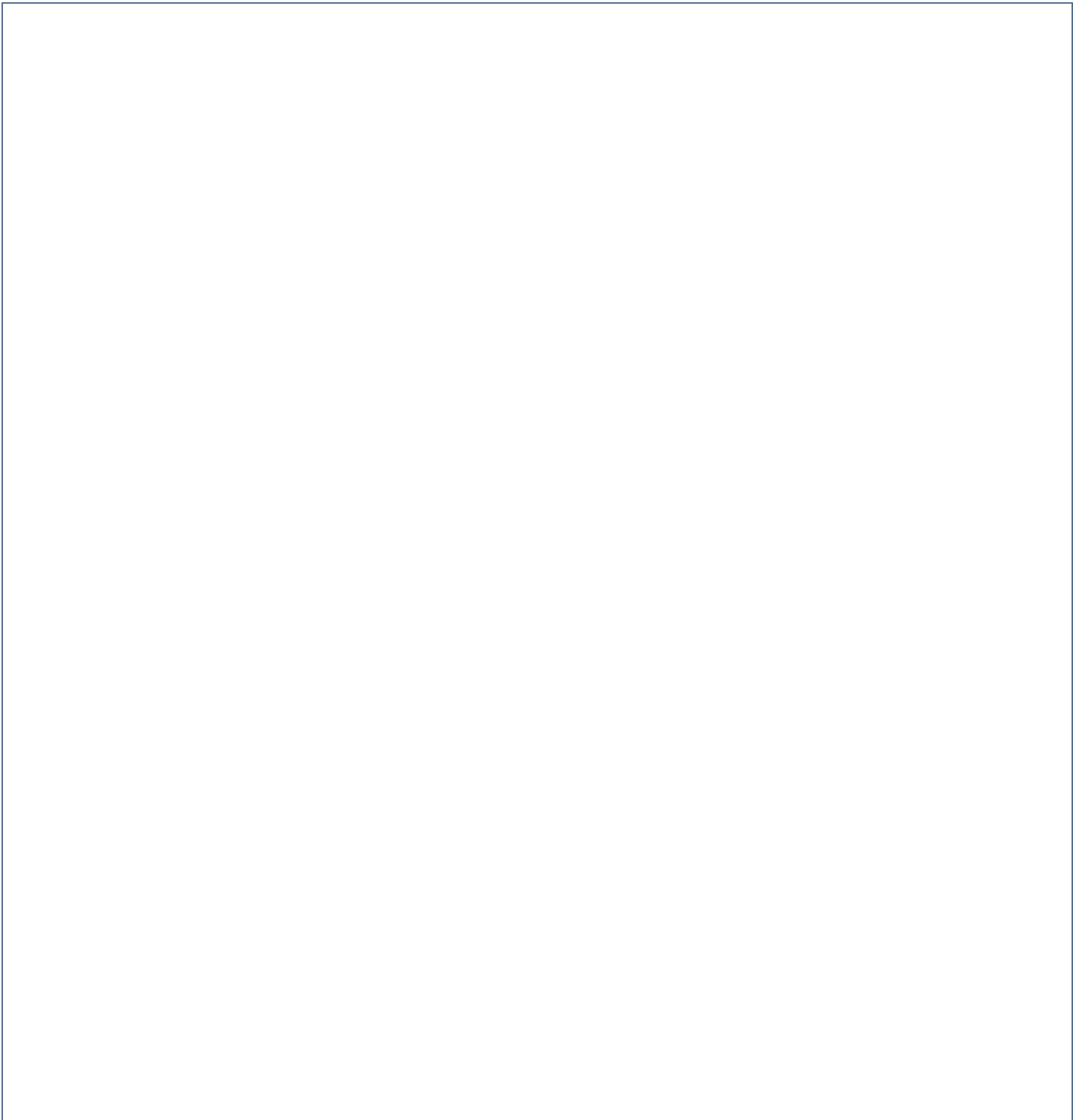
Photo 9





Required Pictures (cont.)

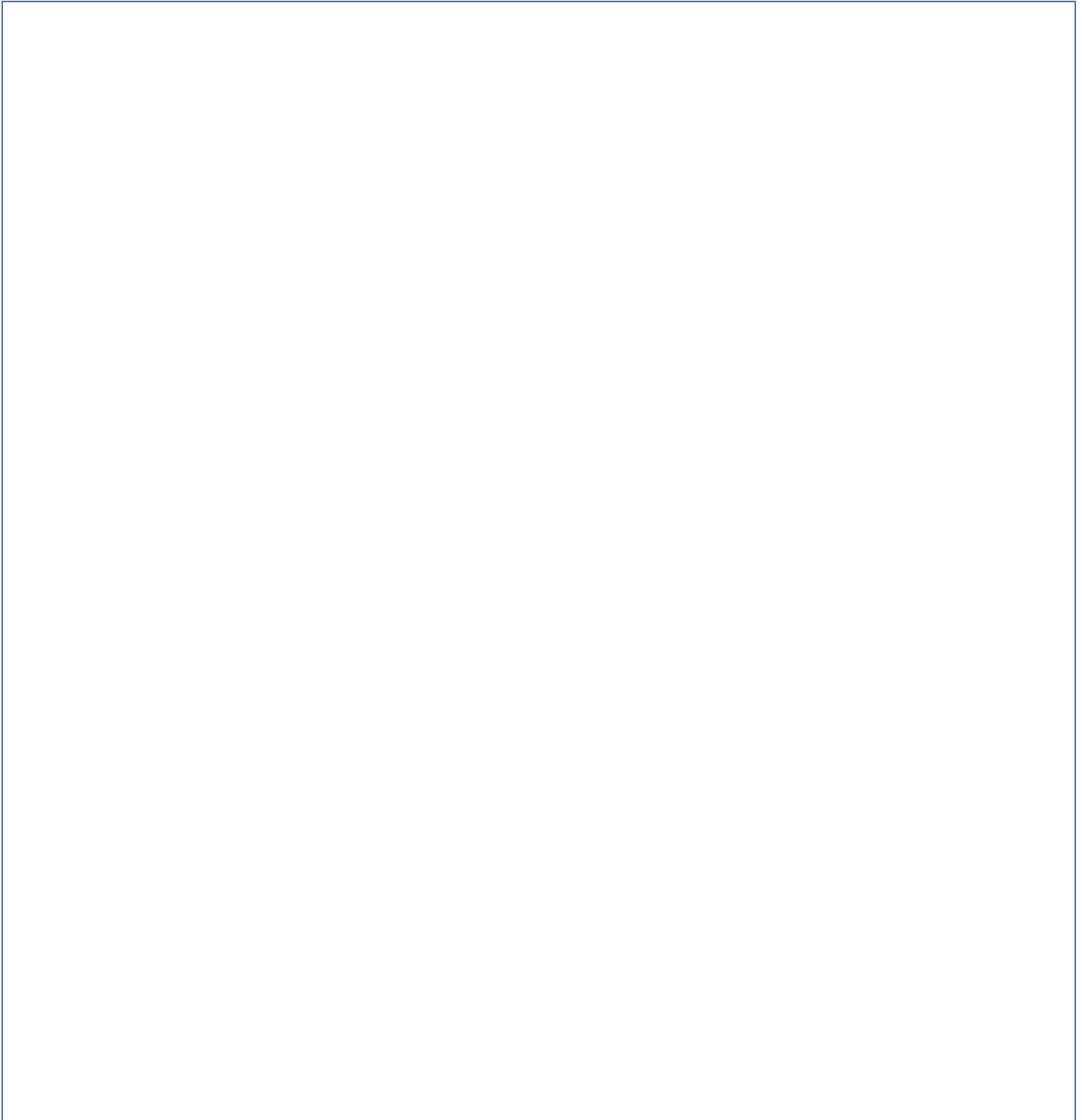
Photo 10





Required Pictures (cont.)

Photo 11





Required Pictures (cont.)

Photo 12

