

**Room Data Sheet  
Preliminary Programming**

Space Ref No.	Space Name	No. of Units	Approx. Net Area	Net Total	Location / Adjac
A1-1.1	<b>Typical Service Bay</b>	<ul style="list-style-type: none"> <li>4 stalls for 12192mm (40') long buses</li> </ul>	(3 x 1320) = 3960 SF/368 M <sup>2</sup>		<ul style="list-style-type: none"> <li>Off main drive aisle</li> <li>Exterior</li> </ul>
<b>Activity Description</b>		<b>Acoustic Treatment</b>		<b>Occupancy / Loading Standards</b>	
<ul style="list-style-type: none"> <li>Bus maintenance and general repair</li> </ul>		<b>Sound Iso.</b> ____ <b>DBA</b> ____  <b>Sound Ins.</b> ____ <b>Rev. Time</b> ____		<ul style="list-style-type: none"> <li>2 persons / bay</li> </ul>	
<b>Access</b>		<b>Security</b>		<b>Flexibility</b>	
<ul style="list-style-type: none"> <li>Drive through for 18288mm (60') bays (exterior overhead door)</li> <li>Interior drive in access only for 12192mm (40') bays</li> </ul>		<ul style="list-style-type: none"> <li>Building Perimeter</li> </ul>		<ul style="list-style-type: none"> <li>Single use space</li> </ul>	
<b>Structure</b>		<b>Environment</b>		<b>Equipment</b>	
<b>Height</b> <u>6706mm</u> <u>clear</u> <b>Clear Span</b> <u>yes</u> <b>Floor Loading</b> _____ <b>psf</b> _____ <b>Spec. Req:</b> <ul style="list-style-type: none"> <li>Refer to E21.6 and E22.8 Structural Specifications on requirements for fall arrest system design.</li> <li>Refer to E22.7.1 Structural Specifications for Wall Impact Resistance</li> <li>Refer to E22.4 Structural Specifications for floor loading.</li> <li>Refer to Equipment lists Appendix L; Structural, Mechanical and Electrical requirements for all items to be supported by structure.</li> <li>Refer to E22.6, E22.6.4, E22.7, E22.7.6. Exhaust extraction system equipment to be supported by roof structure.</li> </ul>		<b>Temp.</b> <u>80F</u> <b>View Out Ext.</b> ____ <b>Humidity</b> <u>60%</u> <b>View Out Int.</b> ____ <b>View In</b> ____ <b>Spec. Req:</b> <ul style="list-style-type: none"> <li>Winter conditions permitted to be 68F</li> <li>Humidity control not required</li> </ul>		<ul style="list-style-type: none"> <li>In-floor hoists NEQ-01</li> <li>Hose reel fluid dispensing system NEQ-02</li> <li>Fall arrest protection at 1 location TBC by City</li> <li>Exhaust extraction system equipment</li> <li>Work benches at each bay</li> </ul>	
<b>Electrical Services</b>		<b>Illumination</b>		<b>Room Finishes</b>	
<b>Power</b> ____ <b>TV</b> ____ <b>Comp</b> ____ <b>AV</b> ____ <b>Tel</b> ____ <b>PA</b> ____ <b>CCTV</b> ____ <b>Wireless</b> ____ <b>Other:</b> <ul style="list-style-type: none"> <li>1 quad receptacle at every bay (separate circuits).</li> <li>Welding plug (1 station shared between every two bays)</li> <li>Overhead 230V drop for portable exhaust unit (1 station shared between every two bays)</li> <li>Refer to Appendix L for specific electrical requirements to equipment.</li> </ul>		<b>Ft. Candles</b> ____ <b>Daylight</b> <u>X</u> <b>Fluor.</b> ____ <b>Quartz</b> ____ <b>LED</b> <u>X</u> <b>Incand.</b> ____ <b>Special</b> ____ <b>Other:</b>		<b>Floor:</b> <ul style="list-style-type: none"> <li>Polished, sealed concrete</li> </ul> <b>Walls:</b> <ul style="list-style-type: none"> <li>1220 mm h x 305 mm thick poured concrete skirt complete with 200 mm CMU to u/s of structure – painted. Block to be flush with face of concrete.</li> </ul> <b>Ceiling:</b> <ul style="list-style-type: none"> <li>Exposed Structure - painted</li> </ul>	

Mechanical Services	Comments
<p>Hot W. ____ Cold W. ____</p> <p>Drain _____</p> <p>Exhaust _____</p> <p>Air _____</p> <p>Climate Controlled? ____ Yes ____</p> <p>Other:</p> <ul style="list-style-type: none"> <li>• Exhaust for bus fumes</li> <li>• Compressed air <ul style="list-style-type: none"> <li>• Overhead - 2 x 3/8" dia. (1 @ 130psi, 1 @ 120 psi)</li> <li>• Wall – 1 x 1" dia. lines @ 130 psi</li> </ul> </li> <li>• Refer to Appendix L for specific mechanical requirements to equipment.</li> </ul>	<ul style="list-style-type: none"> <li>• Concrete wall finish to 2440 mm AFF around perimeter to be designed to minimum bus impact speed of 10 km/h for a maximum design vehicle weight of 44,100 kg.</li> <li>• Configure 60' bus bays on south complete with overhead doors to allow direct access to exterior</li> <li>• 2438mm (8'-0") clear between buses.</li> <li>• Alternate the compressed air connections and welding connections at wall locations between bays</li> <li>• Alternate overhead compressed air connections and fluid dispensing systems at ceiling locations between bays.</li> <li>• All roof structure at bus bays shall be designed to accommodate the loads required for a future addition of a fall arrest system similar to those required in specific bus bays under this RFP. Proponents structural drawings shall locate and identify the allowable loads for each proposed future fall arrest system.</li> <li>• Any compressed air high pressure loop to be by Trans Air, or approved equivalent.</li> </ul>

## Room Data Sheet Preliminary Programming

Space Ref No.	Space Name	No. of Units	Approx. Net Area	Net Total	Location / Adjac
A1-1.2	<b>Refurbishing Service Bay</b>	<ul style="list-style-type: none"> <li>1 stall for 18288mm (60') long bus</li> <li>3 stalls for 12192mm (40') long bus long</li> </ul>	1480 + (1147 x 3) = 4,921 SF/ 457M <sup>2</sup>		<ul style="list-style-type: none"> <li>Off main drive aisle</li> </ul>
<b>Activity Description</b>		<b>Acoustic Treatment</b>		<b>Occupancy / Loading Standards</b>	
<ul style="list-style-type: none"> <li>Complete refurbishing of buses including: torching, welding, grinding, panel removal, component removal.</li> </ul>		<b>Sound Iso.</b> _____ <b>DBA</b> _____ <b>Sound Ins.</b> _____ <b>Rev. Time</b> _____		2 – 4 persons	
<b>Access</b>		<b>Security</b>		<b>Flexibility</b>	
<ul style="list-style-type: none"> <li>Interior drive in access off main drive aisle</li> <li>Drive through for 18288mm (60') bays (exterior overhead door)</li> </ul>		<ul style="list-style-type: none"> <li>Building Perimeter</li> </ul>		<ul style="list-style-type: none"> <li>Single use space</li> </ul>	
<b>Structure</b>		<b>Environment</b>		<b>Equipment</b>	
<b>Height</b> 6705mm (22') clear <b>Clear Span</b> <u>yes</u> <b>Floor Loading</b> _____ psf _____ <b>Spec. Req:</b> <ul style="list-style-type: none"> <li>Refer to structural specifications on requirements for fall arrest system design.</li> <li>Refer to E22.4 Structural Specifications for floor loading.</li> <li>Refer to Equipment lists Appendix L; Mechanical and Electrical requirements for all items to be supported by structure.</li> </ul>		<b>Temp.</b> <u>80F</u> <b>View Out Ext.</b> _____ <b>Humidity</b> <u>60%</u> <b>View Out Int.</b> _____ <b>View In</b> _____ <b>Spec. Req:</b> <ul style="list-style-type: none"> <li>Winter conditions permitted to be 68F</li> <li>Humidity control not required</li> </ul>		<ul style="list-style-type: none"> <li>In-floor hoists NEQ-01</li> <li>Particulate extraction NEQ-03</li> <li>Hose reel fluid dispensing system NEQ-02</li> <li>Fall arrest protection at two overhead locations TBC by City</li> <li>Overhead curtain system for containment, suitable for welding.</li> <li>Pressure washing system NEQ-11</li> <li>Overhead curtain system for containment, suitable for pressure washing system</li> </ul>	
<b>Electrical Services</b>		<b>Illumination</b>		<b>Room Finishes</b>	
<b>Power</b> _____ <b>TV</b> _____ <b>Comp</b> _____ <b>AV</b> _____ <b>Tel</b> _____ <b>PA</b> _____ <b>CCTV</b> _____ <b>Wireless</b> _____ <b>Other:</b> <ul style="list-style-type: none"> <li>1 quad receptacle at each bay (separate circuits)</li> <li>1 additional 220V welding plug</li> <li>Welding plug (1 station shared between every two bays)</li> <li>Refer to Appendix L for specific electrical requirements to equipment.</li> </ul>		<b>Ft. Candles</b> _____ <b>Daylight</b> <u>X</u> <b>Fluor.</b> _____ <b>Quartz</b> _____ <b>LED:</b> <u>X</u> <b>Incand.</b> _____ <b>Special</b> _____ <b>Other:</b>		<b>Floor:</b> <ul style="list-style-type: none"> <li>Polished, sealed concrete</li> </ul> <b>Walls:</b> <ul style="list-style-type: none"> <li>1220mm h x 305mm thick poured concrete skirt complete with 200mm CMU to u/s of structure – painted. Block to be flush with face of concrete.</li> </ul> <b>Ceiling:</b> <ul style="list-style-type: none"> <li>Exposed Structure - painted</li> </ul>	
<b>Mechanical Services</b>		<b>Comments</b>			
<b>Hot W.</b> <u>Y</u> <b>Cold W.</b> <u>Y</u>		<ul style="list-style-type: none"> <li>Concrete wall finish to 2440 mm AFF around perimeter to be designed</li> </ul>			

**Drain \_trench drains four (4) for pressure washing system\_\_**

**Exhaust \_\_\_\_\_**

**Air \_\_\_\_\_**

**Climate Controlled? \_\_Yes\_\_\_\_\_**

**Other:**

- Exhaust for bus fumes
- Overhead breathing air station
- Compressed air (1 station shared between every two bays)
  - Overhead - 2 x 3/8" dia. (1 @ 130psi, 1 @ 120 psi)
  - Wall – 1 x 1" dia. lines @ 130 psi
- Refer to Appendix L for specific mechanical requirements to equipment.

to minimum bus impact speed of 10 km/h for a maximum design vehicle weight of 44,100 kg.

- 3048mm (10'-0") clear between buses. All roof structure at bus bays shall be designed to accommodate the loads required for a future addition of a fall arrest system similar to those required in specific bus bays under this RFP. Proponents structural drawings shall locate and identify the allowable loads for each proposed future fall arrest system.
- Any compressed air high pressure loop to be by Trans Air, or approved equivalent.

## Room Data Sheet Preliminary Programming

Space Ref No.	Space Name	No. of Units	Approx. Net Area	Net Total	Location / Adjac
A1-1.3	<b>Body Repair Bay</b>	<ul style="list-style-type: none"> <li>8 stalls for 1292mm (40') long buses</li> <li>1 stall for 18288mm (60') long buses</li> </ul>	(8 x 1023) + (1 x 1320) = 9504 SF/883M <sup>2</sup>		<ul style="list-style-type: none"> <li>Off main drive aisle</li> <li>Exterior</li> </ul>
<b>Activity Description</b>		<b>Acoustic Treatment</b>		<b>Occupancy / Loading Standards</b>	
<ul style="list-style-type: none"> <li>Bus body repair and maintenance door repairs, glass replacement, body work</li> </ul>		<b>Sound Iso.</b> ____ <b>DBA</b> ____  <b>Sound Ins.</b> ____ <b>Rev. Time</b> ____		<ul style="list-style-type: none"> <li>2 persons / bay</li> </ul>	
<b>Access</b>		<b>Security</b>		<b>Flexibility</b>	
<ul style="list-style-type: none"> <li>Drive through for 18288mm (60') bays (exterior overhead door)</li> <li>Interior drive in access off main drive aisle</li> </ul>		<ul style="list-style-type: none"> <li>Building Perimeter</li> </ul>		<ul style="list-style-type: none"> <li>Single use space</li> </ul>	
<b>Structure</b>		<b>Environment</b>		<b>Equipment</b>	
<b>Height</b> <u>6705mm (22')</u> <u>clear</u> <b>Clear Span</b> <u>yes</u> <b>Floor Loading</b> _____ <b>psf</b> _____ <b>Spec. Req:</b> <ul style="list-style-type: none"> <li>Refer to structural specifications on requirements for fall arrest system design.</li> <li>Refer to E22.4 Strucural Specifications for floor loading.</li> <li>Refer to Equipment lists AppendixL; Mechanical and Electrical requirements for all items to be supported by structure.</li> </ul>		<b>Temp.</b> <u>80F</u> <b>View Out Ext.</b> ____ <b>Humidity</b> <u>60%</u> <b>View Out Int.</b> ____ <b>View In</b> ____ <b>Spec. Req:</b> <ul style="list-style-type: none"> <li>Winter conditions permitted to be 68F</li> <li>Humidity control not required</li> </ul>		<ul style="list-style-type: none"> <li>In-floor hoists NEQ-01</li> <li>Particulate extraction NEQ-03 (3 locations TBC with City)</li> <li>Hose reel fluid dispensing system NEQ-02</li> <li>Fall arrest protection at two overhead locations TBC by City</li> </ul>	
<b>Electrical Services</b>		<b>Illumination</b>		<b>Room Finishes</b>	
<b>Power</b> ____ <b>TV</b> ____ <b>Comp</b> ____ <b>AV</b> ____ <b>Tel</b> ____ <b>PA</b> ____ <b>CCTV</b> ____ <b>Wireless</b> ____ <b>Other:</b> <ul style="list-style-type: none"> <li>1 quad receptacle at every bay (separate cicruits)</li> <li>Welding plug (1 station shared between every two bays) at wall</li> <li>Refer to Appendix L for specific electrical requirements to equipment.</li> </ul>		<b>Ft. Candles</b> ____ <b>Daylight</b> <u>X</u> <b>Floor.</b> ____ <b>Quartz</b> ____ <b>LED</b> <u>X</u> <b>Incand.</b> ____ <b>Special</b> ____ <b>Other:</b>		<b>Floor:</b> <ul style="list-style-type: none"> <li>Polished, sealed concrete</li> </ul> <b>Walls:</b> <ul style="list-style-type: none"> <li>1220mm h x 305mm thick poured concrete skirt complete with 200 mm CMU to u/s of structure – painted. Block to be flush with face of concrete.</li> </ul> <b>Ceiling:</b> <ul style="list-style-type: none"> <li>Exposed Structure - painted</li> </ul>	
<b>Mechanical Services</b>		<b>Comments</b>			
<b>Hot W.</b> ____ <b>Cold W.</b> ____ <b>Drain</b> _____		<ul style="list-style-type: none"> <li>Concrete wall finish to 2438mm (8'-0") AFF around perimeter</li> <li>Configure 18288mm (60'-0") bays on south complete with overhead doors to</li> </ul>			

<p><b>Exhaust</b> _____  <b>Air</b> _____  <b>Climate Controlled?</b> ___Yes___  <b>Other:</b></p> <ul style="list-style-type: none"> <li>• Exhaust for bus fumes</li> <li>• Overhead breathing air station at 5 locations TBC by City</li> <li>• Compressed air <ul style="list-style-type: none"> <li>• Overhead - 2 x 3/8" dia. (1 @ 130psi, 1 @ 120 psi)</li> <li>• Wall – 1 x 1" dia. lines @ 130 psi</li> </ul> </li> <li>• Refer to Appendix L for specific mechanical requirements to equipment.</li> </ul>	<p>allow direct access to exterior</p> <ul style="list-style-type: none"> <li>• 2438mm (8'-0") clear between buses.</li> <li>• Alternate the compressed air connections and welding connections at wall locations between bays</li> <li>• Alternate overhead compressed air connections and fluid dispensing systems at ceiling locations between bays.</li> <li>• All roof structure at bus bays shall be designed to accommodate the loads required for a future addition of a fall arrest system similar to those required in specific bus bays under this RFP. Proponents structural drawings shall locate and identify the allowable loads for each proposed future fall arrest system.</li> <li>• Any compressed air high pressure loop to be by Trans Air, or approved equivalent.</li> </ul>
---	--

## Room Data Sheet Preliminary Programming

Space Ref No.	Space Name	No. of Units	Approx. Net Area	Net Total	Location / Adjac
A1-1.4	<b>Main Drive Aisle</b>	1	Width and alignment to match existing	1	<ul style="list-style-type: none"> <li>Typical Service Bay</li> <li>Refurbishing Service Bay</li> <li>Body Repair Bay</li> <li>Exterior</li> </ul>
<b>Activity Description</b>		<b>Acoustic Treatment</b>		<b>Occupancy / Loading Standards</b>	
<ul style="list-style-type: none"> <li>Main traffic aisle for movement into and out of garage addition</li> </ul>		<b>Sound Iso.</b> ____ <b>DBA</b> ____ <b>Sound Ins.</b> ____ <b>Rev. Time</b> ____		<ul style="list-style-type: none"> <li>2 persons / bay</li> </ul>	
<b>Access</b>		<b>Security</b>		<b>Flexibility</b>	
<ul style="list-style-type: none"> <li>Through existing garage Exit through exterior overhead door</li> </ul>		<ul style="list-style-type: none"> <li>Building Perimeter</li> </ul>		<ul style="list-style-type: none"> <li>Single use space</li> </ul>	
<b>Structure</b>		<b>Environment</b>		<b>Equipment</b>	
<b>Height</b> <u>6705mm (22')</u> <b>clear</b> <b>Clear Span</b> <u>yes</u> <b>Floor Loading</b> _____ <b>psf</b> _____ <b>Spec. Req:</b> <ul style="list-style-type: none"> <li>Refer to structural specifications on requirements for fall arrest system design.</li> <li>Refer to E22.4 Strucural Specifications for floor loading.</li> <li>Refer to Equipment lists Appendix L; Mechanical and Electrical requirements for all items to be supported by structure.</li> </ul>		<b>Temp.</b> <u>80F</u> <b>View Out Ext.</b> ____ <b>Humidity</b> <u>60%</u> <b>View Out Int.</b> ____ <b>View In</b> ____ <b>Spec. Req:</b> <ul style="list-style-type: none"> <li>Winter conditions permitted to be 68F</li> <li>Humidity control not required</li> </ul>		<ul style="list-style-type: none"> <li>Oil interceptors</li> <li>Drains</li> </ul>	
<b>Electrical Services</b>		<b>Illumination</b>		<b>Room Finishes</b>	
<b>Power</b> ____ <b>TV</b> ____ <b>Comp</b> ____ <b>AV</b> ____ <b>Tel</b> ____ <b>PA</b> ____ <b>CCTV</b> ____ <b>Wireless</b> ____ <b>Other:</b>		<b>Ft. Candles</b> ____ <b>Daylight</b> <u>X</u> <b>Fluor.</b> ____ <b>Quartz</b> ____ <b>LED</b> <u>X</u> <b>Incand.</b> ____ <b>Special</b> ____ <b>Other:</b>		<b>Floor:</b> <ul style="list-style-type: none"> <li>Polished, sealed concrete</li> </ul> <b>Walls:</b> <ul style="list-style-type: none"> <li>1220 mm h x 305 mm thick poured concrete skirt complete with 200 mm CMU to u/s of structure – painted. Block to be flush with face of concrete.</li> </ul> <b>Ceiling:</b> <ul style="list-style-type: none"> <li>Exposed Structure – painted</li> </ul>	
<b>Mechanical Services</b>		<b>Comments</b>			
<b>Hot W.</b> ____ <b>Cold W.</b> ____ <b>Drain</b> _____ <b>Exhaust</b> _____ <b>Air</b> _____ <b>Climate Controlled?</b> ____ <b>Yes</b> ____ <b>Other:</b>		<ul style="list-style-type: none"> <li>Traffic intended to be one way</li> <li>New south and new west overhead doors should be as per E20.15</li> </ul>			

## Room Data Sheet Preliminary Programming

Space Ref No.	Space Name	No. of Units	Approx. Net Area	Net Total	Location / Adjac
A1-2.1	<b>Weld Shop</b>	1	*TBD *entire shops area		Body Shop
<b>Activity Description</b>		<b>Acoustic Treatment</b>		<b>Occupancy / Loading Standards*</b>	
<ul style="list-style-type: none"> <li>• Metal cutting</li> <li>• Metal bending</li> <li>• Plasma cutters</li> <li>• MIG or TIG welders</li> <li>• Hoist repairs</li> </ul>		<b>Sound Iso. _____ DBA _____</b>  <b>Sound Ins. _____ Rev. Time _____</b>		<ul style="list-style-type: none"> <li>• ±18 persons:</li> <li>• 2 supervisors</li> <li>• 1 estimator</li> <li>• 3 upholsterer</li> <li>• 5 bodymen</li> <li>• 2 sheet metal</li> <li>• 5 welders</li> </ul> *Note: this is for entire shops area	
<b>Access</b>		<b>Security</b>		<b>Flexibility</b>	
		<ul style="list-style-type: none"> <li>• Building Perimeter</li> </ul>		<ul style="list-style-type: none"> <li>• Multiple functionality</li> <li>• Curtains to break-up area around plasma cutters</li> </ul>	
<b>Structure</b>		<b>Environment</b>		<b>Equipment</b>	
Height <u>6705mm (22'-0")</u> clear Clear Span <u>yes</u> Floor Loading _____ psf _____ <b>Spec. Req:</b> <ul style="list-style-type: none"> <li>• Refer to E22.4 Strucural Specifications for floor loading.</li> <li>• Refer to Equipment lists Appendix L; Mechanical and Electrical requirements for all items to be supported by structure.</li> </ul>		Temp. <u>80F</u> View Out Ext. _____ Humidity <u>60%</u> View Out Int. _____ View In _____ <b>Spec. Req:</b> <ul style="list-style-type: none"> <li>• Winter conditions permitted to be 68F</li> <li>• Humidity control not required</li> </ul>		<ul style="list-style-type: none"> <li>• Anvil EQ-01</li> <li>• Delta Belt sander EQ-02</li> <li>• ERMX Hyd Shear SHE01 to be replaced by Hydraulic Rake Shear NEQ-10</li> <li>• DC39 Bench Grinder EQ-09</li> <li>• D654 150 ton press EQ-11</li> <li>• Dm-12 Bandsaw SAW01</li> <li>• Piranha P50 PIR01 to be replaced by Ironworker NEQ-09</li> <li>• Welding booths EQ-12 -16</li> <li>• Power hammer and stand EQ-17</li> <li>• Rod oven EQ-18</li> <li>• Welder's Bench EQ-28-29, EQ-30, EQ-31</li> <li>• Plasma cutting table EQ-32</li> <li>• Blacksmith table EQ-33</li> <li>• Welding table EQ-34</li> <li>• Sheet metal racking EQ-35</li> <li>• Metal storage racking EQ-38</li> <li>• Storage cabinet EQ-44, EQ-46-47</li> <li>• Tool cabinet EQ-45</li> <li>• Overhead crane 5,000lb capacity</li> <li>• Metal storage racking NEQ-07</li> <li>• Hydraulic Press Brake NEQ-08</li> <li>•</li> <li>•</li> </ul>	
<b>Electrical Services</b>		<b>Illumination</b>		<b>Room Finishes</b>	
Power _____ TV _____ Comp _____ AV _____ Tel _____ PA _____ CCTV _____ Wireless _____ <b>Other:</b> <ul style="list-style-type: none"> <li>• Refer to Appendix L for specific electrical requirements to equipment.</li> </ul>		Ft. Candles _____ Daylight <u>X</u> Fluor. _____ Quartz _____ LED: <u>X</u> Incand. _____ Special _____ <b>Other:</b>		<b>Floor:</b> <ul style="list-style-type: none"> <li>• Polished concrete</li> </ul> <b>Walls:</b> <ul style="list-style-type: none"> <li>• Reinforced CMU to 2438 mm (8' – 0")</li> </ul> <b>Ceiling:</b>	

		<ul style="list-style-type: none"> <li>Exposed structure - painted</li> </ul>
<p><b>Mechanical Services</b></p> <p>Hot W. ____ Cold W. ____</p> <p>Drain _____</p> <p>Exhaust _____</p> <p>Air _____</p> <p>Climate Controlled? ____ Yes ____</p> <p>Other:</p> <ul style="list-style-type: none"> <li>Refer to Appendix L for specific mechanical requirements to equipment.</li> </ul>	<p><b>Comments</b></p> <ul style="list-style-type: none"> <li>Crane permitted to be shared with Body Shop</li> <li>Refer to Body Shop equipment list. Layout may overlap into adjacent space.</li> </ul>	

## Room Data Sheet Preliminary Programming

Space Ref No.	Space Name	No. of Units	Approx. Net Area	Net Total	Location / Adjac
A1-2.2	<b>Body Shop</b>	1	*12,350 SF/1147M <sup>2</sup> *entire shops area		<ul style="list-style-type: none"> <li>• Body Repair Bay</li> <li>• Weld Shop</li> </ul>
<b>Activity Description</b>		<b>Acoustic Treatment</b>		<b>Occupancy / Loading Standards*</b>	
<ul style="list-style-type: none"> <li>• Metal cutting</li> <li>• Metal bending</li> <li>• Plasma cutters</li> <li>• MIG or TIG welders</li> <li>• Repair hoists</li> </ul>		<b>Sound Iso.</b> _____ <b>DBA</b> _____  <b>Sound Ins.</b> _____ <b>Rev. Time</b> _____		<ul style="list-style-type: none"> <li>• ±18 persons:</li> <li>• 2 supervisors</li> <li>• 1 estimator</li> <li>• 3 upholsterer</li> <li>• 5 bodymen</li> <li>• 2 sheet metal</li> <li>• 5 welders</li> </ul> *Note: this is for the entire shops area	
<b>Access</b>		<b>Security</b>		<b>Flexibility</b>	
		<ul style="list-style-type: none"> <li>• Building Perimeter</li> </ul>		<ul style="list-style-type: none"> <li>• Multiple functionality</li> <li>• Curtains to break-up area around plasma cutters</li> </ul>	
<b>Structure</b>		<b>Environment</b>		<b>Equipment</b>	
Height <u>6705mm (22'-0")</u> clear Clear Span <u>yes</u> Floor Loading _____ psf _____ <b>Spec. Req:</b> <ul style="list-style-type: none"> <li>• Refer to E22.4 Structural Specifications for floor loading.</li> <li>• Refer to Equipment lists Appendix L; Mechanical and Electrical requirements for all items to be supported by structure.</li> </ul>		Temp. <u>80F</u> View Out Ext. _____ Humidity <u>60%</u> View Out Int. _____ View In _____ <b>Spec. Req:</b> <ul style="list-style-type: none"> <li>• Winter conditions permitted to be 68F</li> <li>• Humidity control not required</li> </ul>		<ul style="list-style-type: none"> <li>• Hand brake HB01, HB02, HB03, HB04</li> <li>• Glass grinder EQ-03</li> <li>• Roller EQ-04, EQ-05</li> <li>• Power shear SHE02</li> <li>• Drill press EQ-06</li> <li>• Grinders EQ-07, EQ-08</li> <li>• Spot welder EQ-10,</li> <li>• Sand blast cabinet SB01</li> <li>• Work bench EQ-19, EQ-20, EQ-21, EQ-22, EQ-23, EQ-25, EQ-26, EQ-27</li> <li>• Workbench with sheet metal punch EQ-24</li> <li>• Work bench with shear SHE03</li> <li>• Sheet metal racking EQ-36, EQ-37</li> <li>• Cupboards/cabinets/shelves EQ-39, EQ-40, EQ-41, EQ-42, EQ-43</li> <li>• Bolt bin storage and cabinets EQ-48, EQ-49</li> <li>• Overhead crane 5,000lb capacity</li> </ul>	
<b>Electrical Services</b>		<b>Illumination</b>		<b>Room Finishes</b>	
Power _____ TV _____ Comp _____ AV _____ Tel _____ PA _____ CCTV _____ Wireless _____ <b>Other:</b> <ul style="list-style-type: none"> <li>• Refer to Appendix L for specific electrical requirements to equipment.</li> </ul>		Ft. Candles _____ Daylight <u>X</u> Fluor. _____ Quartz _____ LED: <u>X</u> Incand. _____ Special _____ <b>Other:</b>		<b>Floor:</b> <ul style="list-style-type: none"> <li>• Polished concrete</li> </ul> <b>Walls:</b> <ul style="list-style-type: none"> <li>• 1220mm h x 305mm thick poured concrete skirt complete with 200mm CMU to u/s of structure – painted. Block to be flush with face of concrete.</li> </ul> <b>Ceiling:</b>	

		<ul style="list-style-type: none"> <li>Exposed structure - painted</li> </ul>
<p><b>Mechanical Services</b></p> <p>Hot W. ____ Cold W. ____</p> <p>Drain _____</p> <p>Exhaust _____</p> <p>Air _____</p> <p>Climate Controlled? ____ Yes ____</p> <p>Other:</p> <ul style="list-style-type: none"> <li>Refer to Appendix L for specific mechanical requirements to equipment.</li> </ul>	<p><b>Comments</b></p> <ul style="list-style-type: none"> <li>Crane permitted to be shared with Weld Shop</li> <li>Refer to Weld Shop equipment list. Layout may overlap into adjacent space.</li> </ul>	

## Room Data Sheet Preliminary Programming

Space Ref No.	Space Name	No. of Units	Approx. Net Area	Net Total	Location / Adjac
A1-2.3	<b>Upholstery Shop</b>	1	*12,350 SF/1147M <sup>2</sup> *entire shops area	1	<ul style="list-style-type: none"> <li>• Weld Shop</li> <li>• Body Shop</li> </ul>
<b>Activity Description</b>		<b>Acoustic Treatment</b>		<b>Occupancy / Loading Standards</b>	
<ul style="list-style-type: none"> <li>• Bench work</li> <li>• Sewing</li> <li>• Seat repair</li> </ul>		<b>Sound Iso.</b> _____ <b>DBA</b> _____  <b>Sound Ins.</b> _____ <b>Rev. Time</b> _____		<ul style="list-style-type: none"> <li>• ±18 persons:</li> <li>• 2 supervisors</li> <li>• 1 estimator</li> <li>• 3 upholsterer</li> <li>• 5 bodymen</li> <li>• 2 sheet metal</li> <li>• 5 welders</li> </ul> *Note: this is for the entire shops area	
<b>Access</b>		<b>Security</b>		<b>Flexibility</b>	
		<ul style="list-style-type: none"> <li>• Building Perimeter</li> </ul>		<ul style="list-style-type: none"> <li>• Multiple functionality</li> <li>• Curtains to break-up area around plasma cutters</li> </ul>	
<b>Structure</b>		<b>Environment</b>		<b>Equipment</b>	
<b>Height</b> 6705mm (22'-0") clear <b>Clear Span</b> <u>yes</u> <b>Floor Loading</b> _____ psf _____ <b>Spec. Req:</b> <ul style="list-style-type: none"> <li>• Refer to E22.4 Structural Specifications for floor loading.</li> <li>• Refer to Equipment lists Appendix L; Mechanical and Electrical requirements for all items to be supported by structure.</li> </ul>		<b>Temp.</b> <u>80F</u> <b>View Out Ext.</b> _____ <b>Humidity</b> <u>60%</u> <b>View Out Int.</b> _____ <b>View In</b> _____ <b>Spec. Req:</b> <ul style="list-style-type: none"> <li>• Winter conditions permitted to be 68F</li> <li>• Humidity control not required</li> </ul>		<ul style="list-style-type: none"> <li>• 2 sewing machines EQ-50</li> <li>• 1 small bandsaw EQ-51</li> <li>• 1 pedestal grinder EQ-52</li> <li>• Metal cutting</li> <li>• Metal bending</li> <li>• Plasma cutters</li> <li>• MIG or TIG welders</li> <li>• Repair hoists</li> </ul>	
<b>Electrical Services</b>		<b>Illumination</b>		<b>Room Finishes</b>	
<b>Power</b> _____ <b>TV</b> _____ <b>Comp</b> _____ <b>AV</b> _____ <b>Tel</b> _____ <b>PA</b> _____ <b>CCTV</b> _____ <b>Wireless</b> _____ <b>Other:</b> <ul style="list-style-type: none"> <li>• Refer to Appendix L for specific electrical requirements to equipment.</li> </ul>		<b>Ft. Candles</b> _____ <b>Daylight</b> <u>X</u> <b>Fluor.</b> _____ <b>Quartz</b> _____ <b>LED:</b> <u>X</u> <b>Incand.</b> _____ <b>Special</b> _____ <b>Other:</b>		<b>Floor:</b> <ul style="list-style-type: none"> <li>• Polished concrete</li> </ul> <b>Walls:</b> <ul style="list-style-type: none"> <li>• 1220 mm h x 305 mm thick poured concrete skirt complete with 200 mm CMU to u/s of structure – painted. Block to be flush with face of concrete.</li> </ul> <b>Ceiling:</b> <ul style="list-style-type: none"> <li>• Exposed structure - painted</li> </ul>	

<b>Mechanical Services</b>	<b>Comments</b>
<p>Hot W. ____ Cold W. ____            Drain _____            Exhaust _____            Air _____            Climate Controlled? __Yes_____</p> <p><b>Other:</b></p> <ul style="list-style-type: none"> <li>• Separate ventilation from adjacent shop spaces.</li> <li>• Refer to Appendix L for specific mechanical requirements to equipment.</li> </ul>	<ul style="list-style-type: none"> <li>• Must be clean shop space.</li> <li>• Environmental and physical separation required.</li> <li>• Refer to Appendix O for existing upholstery shop layout</li> </ul>

## Room Data Sheet Preliminary Programming

Space Ref No.	Space Name	No. of Units	Approx. Net Area	Net Total	Location / Adjac
A1-3.1	<b>Welding Stores</b>	1	4,500 SF / 418M <sup>2</sup>	1	<ul style="list-style-type: none"> <li>Weld Shop</li> <li>Exterior (Receiving)</li> <li>Existing Stores</li> </ul>
<b>Activity Description</b>		<b>Acoustic Treatment</b>		<b>Occupancy / Loading Standards</b>	
<ul style="list-style-type: none"> <li>Storage for raw materials</li> <li>Cutting saw</li> <li>Check out desk/parts wicket</li> </ul>		<b>Sound Iso.</b> _____ <b>DBA</b> _____  <b>Sound Ins.</b> _____ <b>Rev. Time</b> _____		<ul style="list-style-type: none"> <li>1 or 2 persons</li> </ul>	
<b>Access</b>		<b>Security</b>		<b>Flexibility</b>	
<ul style="list-style-type: none"> <li>Double Dutch door. Width and height enough for forklift to go through</li> <li>Loading Dock</li> </ul>		<ul style="list-style-type: none"> <li>Lockable interior door</li> <li>Secure exterior overhead door</li> </ul>		<ul style="list-style-type: none"> <li>Single use.</li> </ul>	
<b>Structure</b>		<b>Environment</b>		<b>Equipment</b>	
<b>Height</b> 6705mm (22'-0") clear <b>Clear Span</b> <u>no columns</u> <b>Floor Loading</b> _____ psf _____ <b>Spec. Req:</b> <ul style="list-style-type: none"> <li>Refer to E22.4 Strucural Specifications for floor loading.</li> <li>Refer to Equipment lists AppendixL; Mechanical and Electrical requirements for all items to be supported by structure.</li> </ul>		<b>Temp.</b> <u>80F</u> <b>View Out Ext.</b> _____ <b>Humidity</b> <u>60%</u> <b>View Out Int.</b> _____ <b>View In</b> _____ <b>Spec. Req:</b> <ul style="list-style-type: none"> <li>Winter conditions permitted to be 68F</li> <li>Humidity control not required</li> </ul>		<ul style="list-style-type: none"> <li>Metal storage racking NEQ-07</li> <li>Forklift</li> <li>Saw – band saw</li> <li>Platform</li> <li>Parts Picker</li> </ul>	
<b>Electrical Services</b>		<b>Illumination</b>		<b>Room Finishes</b>	
<b>Power</b> _____ <b>TV</b> _____ <b>Comp</b> _____ <b>AV</b> _____ <b>Tel</b> _____ <b>PA</b> _____ <b>CCTV</b> _____ <b>Wireless</b> _____ <b>Other:</b>		<b>Ft. Candles</b> _____ <b>Daylight</b> <u>X</u> <b>Fluor.</b> _____ <b>Quartz</b> _____ <b>LED:</b> <u>X</u> <b>Incand.</b> _____ <b>Special</b> _____ <b>Other:</b>		<b>Floor:</b> <ul style="list-style-type: none"> <li>Sealed concrete</li> </ul> <b>Walls:</b> <ul style="list-style-type: none"> <li>Reinforced CMU to underside of structure - painted</li> </ul> <b>Ceiling:</b> <ul style="list-style-type: none"> <li>Exposed structure - painted</li> </ul>	
<b>Mechanical Services</b>		<b>Comments</b>			
<b>Hot W.</b> _____ <b>Cold W.</b> _____ <b>Drain</b> _____ <b>Exhaust</b> _____ <b>Air</b> _____ <b>Climate Controlled?</b> <u>Yes</u> _____ <b>Other:</b>					

## Room Data Sheet Preliminary Programming

Space Ref No.	Space Name	No. of Units	Approx. Net Area	Net Total	Location / Adjac
A1-4.1	Prep. Bay	<ul style="list-style-type: none"> <li>1 stall for 1828mm (60') long bus</li> <li>3 stalls for 1292mm (40') long bus long</li> </ul>	(1023 x 3) + 1320 = 4,389 SF/ 408M <sup>2</sup>		<ul style="list-style-type: none"> <li>Off main drive aisle</li> <li>Paint Bay</li> </ul>
<b>Activity Description</b> <ul style="list-style-type: none"> <li>Sanding</li> <li>Putty</li> <li>Fibreglass repair</li> <li>Touch-ups</li> </ul>		<b>Acoustic Treatment</b> N/A (self contained units)  <b>Sound Iso.</b> _____ <b>DBA</b> _____ <b>Sound Ins.</b> _____ <b>Rev. Time</b> _____		<b>Occupancy / Loading Standards</b> <ul style="list-style-type: none"> <li>2 persons typical</li> </ul>	
<b>Access</b> <ul style="list-style-type: none"> <li>Man door each side</li> </ul>		<b>Security</b>		<b>Flexibility</b> <ul style="list-style-type: none"> <li>Single purpose</li> </ul>	
<b>Structure</b>  <b>Height</b> 4876mm min – 5486mm clear (16'-0" min. – 18'-0" clear) <b>Clear Span</b> <u>yes</u> <b>Floor Loading</b> _____ psf _____ <b>Spec. Req:</b> <ul style="list-style-type: none"> <li>Refer to E21.6 and E22.8 Structural Specifications on requirements for fall arrest system design.</li> <li>Refer to E22.4 Strucural Specifications for floor loading.</li> <li>Refer to Equipment lists Appendix L; Mechanical and Electrical requirements for all items to be supported by structure.</li> </ul>		<b>Environment</b>  <b>Temp.</b> <u>80F</u> <b>View Out Ext.</b> _____ <b>Humidity</b> <u>60%</u> <b>View Out Int.</b> _____ <b>View In</b> _____ <b>Spec. Req:</b> <ul style="list-style-type: none"> <li>Winter conditions permitted to be 68F</li> <li>Humidity control not required</li> </ul>		<b>Equipment</b> <ul style="list-style-type: none"> <li>Pre-manufactured prep. booths NEQ-05</li> </ul>	
<b>Electrical Services</b>  <b>Power</b> _____ <b>TV</b> _____ <b>Comp</b> _____ <b>AV</b> _____ <b>Tel</b> _____ <b>PA</b> _____ <b>CCTV</b> _____ <b>Wireless</b> _____ <b>Other:</b> <ul style="list-style-type: none"> <li>Refer to Appendix L for specific electrical requirements to equipment.</li> </ul>		<b>Illumination</b>  <b>Ft. Candles</b> _____ <b>Daylight</b> _____ <b>Fluor.</b> _____ <b>Quartz</b> _____ <b>LED:</b> <u>X</u> <b>Incand.</b> _____ <b>Special</b> _____ <b>Other:</b> <ul style="list-style-type: none"> <li>Lighting for mechanical service areas serving equipment.</li> </ul>		<b>Room Finishes</b>  <b>Floor:</b> <ul style="list-style-type: none"> <li>Recessed concrete in polished, no slab. To accommodate pre-fab unit</li> </ul> <b>Walls:</b> <ul style="list-style-type: none"> <li>N/A</li> </ul> <b>Ceiling:</b> <ul style="list-style-type: none"> <li>Exposed structure painted - above</li> </ul>	
<b>Mechanical Services</b>  <b>Hot W.</b> _____ <b>Cold W.</b> _____ <b>Drain</b> _____ <b>Exhaust</b> _____ <b>Air</b> _____		<b>Comments</b> <ul style="list-style-type: none"> <li>All roof structure at bus bays shall be designed to accommodate the loads required for a future addition of a fall arrest system similar to those required in specific bus bays under this RFP. Proponents structural drawings shall locate and identify the allowable loads for each proposed future fall arrest system.</li> </ul>			

Climate Controlled?  Yes

Other:

- Refer to Appendix L for specific mechanical requirements to equipment.

## Room Data Sheet Preliminary Programming

Space Ref No.	Space Name	No. of Units	Approx. Net Area	Net Total	Location / Adjac
A1-4.2	<b>Paint Bay</b>	<ul style="list-style-type: none"> <li>1 stall for 18288mm (60') long bus</li> <li>3 stalls for 1292mm (40') long bus long</li> </ul>	(1023 x 3) + 1320 = 4,389 SF / 408M <sup>2</sup>	4	<ul style="list-style-type: none"> <li>Prep. Bay</li> <li>Exterior</li> </ul>
<b>Activity Description</b>		<b>Acoustic Treatment</b>		<b>Occupancy / Loading Standards</b>	
<ul style="list-style-type: none"> <li>Spray paint application to buses</li> <li>Minor masking / taping</li> </ul>		N/A (self contained units)  <b>Sound Iso.</b> _____ <b>DBA</b> _____  <b>Sound Ins.</b> _____ <b>Rev. Time</b> _____		<ul style="list-style-type: none"> <li>2 persons typical at one time</li> </ul>	
<b>Access</b>		<b>Security</b>		<b>Flexibility</b>	
<ul style="list-style-type: none"> <li>Main-entry + exit doors each side</li> <li>Interlocked doors for curing and spraying</li> <li>Overhead door</li> <li>Buses both 12192mm &amp; 18288mm (40' &amp; 60') long to be able to pull through – no backing up.</li> </ul>		<ul style="list-style-type: none"> <li>All booths to be controlled and interlocked during curing and paint cycle</li> </ul>		<ul style="list-style-type: none"> <li>Ability to close off a portion of the 60' bus booth to paint auto parts while the other section can paint/cure 40' bus. See E24.5.5</li> </ul>	
<b>Structure</b>		<b>Environment</b>		<b>Equipment</b>	
<b>Height</b> 6705mm (22'-0") clear <b>Clear Span</b> <u>yes</u> <b>Floor Loading</b> _____ psf _____ <b>Spec. Req:</b> <ul style="list-style-type: none"> <li>Refer to E21.6 and E22.8 Structural Specifications on requirements for fall arrest system design.</li> <li>Refer to E22.7.1 Structural Specifications for Wall Impact Resistance</li> <li>Refer to E22.4 Strucural Specifications for floor loading.</li> <li>Refer to Equipment lists Appendix L; Structural, Mechanical and Electrical requirements for all items to be supported by structure.</li> </ul>		<b>Temp.</b> <u>80F</u> <b>View Out Ext.</b> _____ <b>Humidity</b> <u>60%</u> <b>View Out Int.</b> _____ <b>View In</b> _____ <b>Spec. Req:</b> <ul style="list-style-type: none"> <li>Winter conditions permitted to be 68F</li> <li>Humidity control not required</li> </ul>		<ul style="list-style-type: none"> <li>Pre-manufactured paint booths NEQ-04</li> </ul>	
<b>Electrical Services</b>		<b>Illumination</b>		<b>Room Finishes</b>	
<b>Power</b> _____ <b>TV</b> _____ <b>Comp</b> _____ <b>AV</b> _____ <b>Tel</b> _____ <b>PA</b> _____ <b>CCTV</b> _____ <b>Wireless</b> _____ <b>Other:</b> <ul style="list-style-type: none"> <li>Refer to Appendix L for specific electrical requirements to equipment.</li> </ul>		<b>Ft. Candles</b> _____ <b>Daylight</b> _____ <b>Floor.</b> _____ <b>Quartz</b> _____ <b>LED</b> <u>X</u> <b>Incand.</b> _____ <b>Special</b> _____ <b>Other:</b> <ul style="list-style-type: none"> <li>Lighting for mechanical service areas serving equipment.</li> </ul>		<b>Floor:</b> <ul style="list-style-type: none"> <li>Prepared and finished in accordance with manufacturer's requirements.</li> </ul> <b>Walls:</b> <ul style="list-style-type: none"> <li>As per manufacturer's standard finishes.</li> </ul>	

		<b>Ceiling:</b> <ul style="list-style-type: none"> <li>As per manufacturer's standard finishes.</li> </ul>
<b>Mechanical Services</b> <b>Hot W.</b> ____ <b>Cold W.</b> ____ <b>Drain</b> _____ <b>Exhaust</b> _____ <b>Air</b> _____ <b>Climate Controlled?</b> ___ <b>Yes</b> ____ <b>Other:</b> <ul style="list-style-type: none"> <li>Refer to Appendix L for specific mechanical requirements to equipment.</li> </ul>	<b>Comments</b> <ul style="list-style-type: none"> <li>Bus height of 3230mm + 2590mm (10'-6" + 8'-6") clearance min.</li> </ul>	

## Room Data Sheet Preliminary Programming

Space Ref No.	Space Name	No. of Units	Approx. Net Area	Net Total	Location / Adjac
A1-4.3	Paint Mix	1	300 SF / 28M <sup>2</sup>		<ul style="list-style-type: none"> <li>Paint Bay</li> <li>Prep. Bay</li> </ul>
<b>Activity Description</b> <ul style="list-style-type: none"> <li>Area to store and mix paint before applying to bus.</li> </ul>		<b>Acoustic Treatment</b> Sound Iso. _____ DBA _____ Sound Ins. _____ Rev. Time _____		<b>Occupancy / Loading Standards</b> <ul style="list-style-type: none"> <li>Transit to confirm</li> </ul>	
<b>Access</b> <ul style="list-style-type: none"> <li>Transit to confirm</li> </ul>		<b>Security</b> <ul style="list-style-type: none"> <li>Transit to confirm</li> </ul>		<b>Flexibility</b> <ul style="list-style-type: none"> <li>Single purpose</li> </ul>	
<b>Structure</b> Height 22' – 0" clear _____ Clear Span _____ Floor Loading _____ psf _____ Spec. Req: <ul style="list-style-type: none"> <li>Refer to E21.6 and E22.8 Structural Specifications on requirements for fall arrest system design.</li> <li>Refer to E22.7.1 Structural Specifications for Wall Impact Resistance</li> <li>Refer to E22.4 Structural Specifications for floor loading.</li> <li>Refer to Equipment lists Appendix L; Structural, Mechanical and Electrical requirements for all items to be supported by structure.</li> </ul>		<b>Environment</b> Temp. _____ View Out Ext. _____ Humidity _____ View Out Int. _____ View In _____ Spec. Req:		<b>Equipment</b> <ul style="list-style-type: none"> <li>Pre-manufactured paint mix room NEQ-06</li> </ul>	
<b>Electrical Services</b> Power _____ TV _____ Comp _____ AV _____ Tel _____ PA _____ CCTV _____ Wireless _____ Other: <ul style="list-style-type: none"> <li>Refer to Appendix L for specific electrical requirements to equipment.</li> </ul>		<b>Illumination</b> Ft. Candles _____ Daylight <u>X</u> Fluor. _____ Quartz _____ LED: <u>X</u> Incand. _____ Special _____ Other: <ul style="list-style-type: none"> <li>Lighting for mechanical service areas serving equipment.</li> </ul>		<b>Room Finishes</b> <b>Floor:</b> <ul style="list-style-type: none"> <li>Polished concrete</li> </ul> <b>Walls:</b> <ul style="list-style-type: none"> <li>As per manufacturer's standard finishes.</li> </ul> <b>Ceiling:</b> <ul style="list-style-type: none"> <li>As per manufacturer's standard finishes.</li> </ul>	

Mechanical Services	Comments
<p>Hot W. ____ Cold W. ____ Drain _____ Exhaust _____ Air _____ Climate Controlled? _____ Other:</p> <ul style="list-style-type: none"><li>• Refer to Appendix L for specific mechanical requirements to equipment.</li></ul>	

## Room Data Sheet Preliminary Programming

Space Ref No.	Space Name	No. of Units	Approx. Net Area	Net Total	Location / Adjac
A1-5.1	Fluid Room	1	1120 SF / 104M <sup>2</sup>	1	<ul style="list-style-type: none"> <li>• Typical Service Bay</li> <li>• Exterior</li> <li>• UTR</li> </ul>
<b>Activity Description</b> <ul style="list-style-type: none"> <li>• Holding area for fluids for bus maintenance</li> </ul>		<b>Acoustic Treatment</b> <b>Sound Iso.</b> _____ <b>DBA</b> _____ <b>Sound Ins.</b> _____ <b>Rev. Time</b> _____		<b>Occupancy / Loading Standards</b> N/A	
<b>Access</b> <ul style="list-style-type: none"> <li>• Locked double doors (or overhead door) at exterior to allow for delivery.</li> <li>• Width and height enough for forklift</li> <li>• Exterior single exit door.</li> </ul>		<b>Security</b> <ul style="list-style-type: none"> <li>• Locked Room</li> </ul>		<b>Flexibility</b> <ul style="list-style-type: none"> <li>• Single purpose</li> </ul>	
<b>Structure</b> <b>Height</b> _____ <b>Clear Span</b> _____ <b>Floor Loading</b> _____ <b>psf</b> _____ <b>Spec. Req:</b> <ul style="list-style-type: none"> <li>• Floor load to accommodate tank weights and forklift.</li> <li>• Refer to E22.4 Structural Specifications for floor loading.</li> <li>• Refer to Equipment lists Appendix L; Mechanical and Electrical requirements for all items to be supported by structure.</li> </ul>		<b>Environment</b> <b>Temp.</b> <u>80F</u> <b>View Out Ext.</b> _____ <b>Humidity</b> <u>60%</u> <b>View Out Int.</b> _____ <b>View In</b> _____ <b>Spec. Req:</b> <ul style="list-style-type: none"> <li>• Winter conditions permitted to be 68F</li> <li>• Humidity control not required</li> </ul>		<b>Equipment</b> <ul style="list-style-type: none"> <li>• Double wall 5,000L capacity vertical tanks with forklift pockets               <ul style="list-style-type: none"> <li>• Transmission fluid</li> <li>• Antifreeze</li> <li>• Oil</li> </ul> </li> <li>• Grease barrels</li> <li>• Distribution equipment including pumps, pipes, etc.</li> <li>• Forklift</li> </ul>	
<b>Electrical Services</b> <b>Power</b> _____ <b>TV</b> _____ <b>Comp</b> _____ <b>AV</b> _____ <b>Tel</b> _____ <b>PA</b> _____ <b>CCTV</b> _____ <b>Wireless</b> _____ <b>Other:</b>		<b>Illumination</b> <b>Ft. Candles</b> _____ <b>Daylight</b> _____ <b>Floor.</b> _____ <b>Quartz</b> _____ <b>LED</b> <u>X</u> _____ <b>Incand.</b> _____ <b>Special</b> _____ <b>Other:</b> <ul style="list-style-type: none"> <li>• Explosion proof lighting</li> </ul>		<b>Room Finishes</b> <b>Floor:</b> <ul style="list-style-type: none"> <li>• Polished concrete</li> </ul> <b>Walls:</b> <ul style="list-style-type: none"> <li>• CMU – 2 hour rated to 3660 (12' – 0") AFF.</li> <li>• Gypsum wallboard c/w ULC rating of 2hrs above.</li> </ul> <b>Ceiling:</b> <ul style="list-style-type: none"> <li>• Exposed structure – painted or Gypsum wallboard c/w ULS rating of 2hrs at appropriate height once tanks are established.</li> </ul>	

Mechanical Services	Comments
Hot W. ____ Cold W. ____ Drain _____ Exhaust _____ Air _____ Climate Controlled? __ Yes _____ Other:	<ul style="list-style-type: none"><li data-bbox="557 289 1333 342">• Design to explosion-proof construction standards as per current codes required to suit contents of room – see MSDS Appendix G</li></ul>

## Room Data Sheet Preliminary Programming

Space Ref No.	Space Name	No. of Units	Approx. Net Area	Net Total	Location / Adjac
A1-6.1	<b>UTR &amp; Washrooms</b>	<ul style="list-style-type: none"> <li>• 1 – UTR</li> <li>• 1 – Male</li> <li>• 1 - Female</li> </ul>	<ul style="list-style-type: none"> <li>• As per Code</li> </ul>		<ul style="list-style-type: none"> <li>• All washrooms located together</li> <li>• UTR must be within 45M of new washrooms</li> </ul>
<b>Activity Description</b>		<b>Acoustic Treatment</b>		<b>Occupancy / Loading Standards</b>	
<ul style="list-style-type: none"> <li>• Personal hygiene and toileting.</li> </ul>		<b>Sound Iso. _____ DBA _____</b>  <b>Sound Ins. <u>X</u> Rev. Time _____</b>		<ul style="list-style-type: none"> <li>• As per code</li> </ul>	
<b>Access</b>		<b>Security</b>		<b>Flexibility</b>	
<ul style="list-style-type: none"> <li>• Off of shop floors</li> <li>• Centrally located in expansion</li> </ul>				<ul style="list-style-type: none"> <li>• Single use room.</li> </ul>	
<b>Structure</b>		<b>Environment</b>		<b>Equipment</b>	
<b>Height _____</b> <b>Clear Span _____</b> <b>Floor Loading _____ psf _____</b> <b>Spec. Req:</b> <ul style="list-style-type: none"> <li>• Refer to E22.4 Strucural Specifications for floor loading.</li> <li>• Refer to Equipment lists Appendix L; Mechanical and Electrical requirements for all items to be supported by structure.</li> </ul>		<b>Temp. <u>80F</u> View Out Ext. _____</b> <b>Humidity _____ View Out Int. _____</b> <b>View In _____</b> <b>Spec. Req:</b> <ul style="list-style-type: none"> <li>• Winter conditions permitted to be 74F</li> <li>• Humidity control not required</li> </ul>		<ul style="list-style-type: none"> <li>• Toilets and vanities complete with grab bars and toilet accessories</li> <li>• Floor Drains</li> </ul>	
<b>Electrical Services</b>		<b>Illumination</b>		<b>Room Finishes</b>	
<b>Power _____ TV _____</b> <b>Comp _____ AV _____</b> <b>Tel _____ PA _____</b> <b>CCTV _____ Wireless _____</b> <b>Other:</b>		<b>Ft. Candles _____ Daylight _____</b> <b>Fluor. _____ Quartz _____ LED: <u>X</u></b> <b>Incand. _____ Special _____</b> <b>Other:</b>		<b>Floor</b> <ul style="list-style-type: none"> <li>• Sheet vinyl safety floor for slip resistant covered base.</li> </ul> <b>Walls:</b> <ul style="list-style-type: none"> <li>• CMU to 2438mm (8' – 0") AFF and mildew resistant gypsum wallboard above to underside of structure. Painted with Epoxy Paint.</li> </ul> <b>Ceiling:</b> <ul style="list-style-type: none"> <li>• ACT</li> </ul>	

<b>Mechanical Services</b>	<b>Comments</b>
<p>Hot W. ____ Cold W. ____ Drain _____ Exhaust _____ Air _____ Climate Controlled? __ Yes _____ Other:</p> <ul style="list-style-type: none"><li>• Heating only</li></ul>	<ul style="list-style-type: none"><li>• One washroom for each gender as well as a UTR.</li><li>• Design to conform to CWADS requirements.</li></ul>

## Room Data Sheet Preliminary Programming

Space Ref No.	Space Name	No. of Units	Approx. Net Area	Net Total	Location / Adjac to
A1-7.1	<b>Offices</b>	6	10' - 6" x 10' - 6" each	Minimum 6	<ul style="list-style-type: none"> <li>• Shops</li> </ul>
<b>Activity Description</b> <ul style="list-style-type: none"> <li>• Supervisors offices</li> </ul>		<b>Acoustic Treatment</b> Sound Iso. _____ DBA _____ Sound Ins. <input checked="" type="checkbox"/> Rev. Time _____		<b>Occupancy / Loading Standards</b> <ul style="list-style-type: none"> <li>• 1 occupant/workstation per office</li> </ul>	
<b>Access</b> <ul style="list-style-type: none"> <li>• Off of shop floors</li> </ul>		<b>Security</b> <ul style="list-style-type: none"> <li>• Lockable door</li> </ul>		<b>Flexibility</b> <ul style="list-style-type: none"> <li>• Single use room.</li> </ul>	
<b>Structure</b> Height _____ Clear Span _____ Floor Loading _____ psf _____ Spec. Req:		<b>Environment</b> Temp. <u>80</u> F View Out Ext. _____ Humidity _____ View Out Int. _____ View In _____ Spec. Req: <ul style="list-style-type: none"> <li>• Winter conditions permitted to be 74F</li> <li>• Humidity control not required</li> </ul>		<b>Equipment</b> <ul style="list-style-type: none"> <li>• Computers</li> <li>• Telephones</li> <li>• Printers</li> <li>• Chairs/Desks Furniture</li> </ul>	
<b>Electrical Services</b> Power <input checked="" type="checkbox"/> TV _____ Comp <input checked="" type="checkbox"/> AV _____ Tel <input checked="" type="checkbox"/> PA _____ CCTV _____ Wireless <input checked="" type="checkbox"/> Other:		<b>Illumination</b> Ft. Candles _____ Daylight _____ Fluor. _____ Quartz _____ LED: <input checked="" type="checkbox"/> Incand. _____ Special _____ Other:		<b>Room Finishes</b> <b>Floor:</b> <ul style="list-style-type: none"> <li>• Sheet vinyl safety floor for slip resistant covered base.</li> </ul> <b>Walls:</b> <ul style="list-style-type: none"> <li>• CMU to 4' - 0" AFF and GWB above to underside of ceiling. Painted with Epoxy Paint.</li> </ul> <b>Ceiling:</b> <ul style="list-style-type: none"> <li>• ACT</li> </ul>	
<b>Mechanical Services</b> Hot W. _____ Cold W. _____ Drain _____ Exhaust _____ Air _____ Climate Controlled? _____ Other:		<b>Comments</b> <ul style="list-style-type: none"> <li>• Offices to have glazing as appropriate for sight lines to the shop.</li> </ul>			

## Room Data Sheet Preliminary Programming

Space Ref No.	Space Name	No. of Units	Approx. Net Area	Net Total	Location / Adjac
A1-6.3	<b>Mechanical and Electrical Room(s)</b>	As Required	To suit Mechanical and Electrical design	As Required	
<b>Activity Description</b>		<b>Acoustic Treatment</b>		<b>Occupancy / Loading Standards</b>	
<ul style="list-style-type: none"> <li>Mechanical and electrical service spaces</li> </ul>		<b>Sound Iso.</b> _____ <b>DBA</b> _____ <b>Sound Ins.</b> <u>X</u> <b>Rev. Time</b> _____		<ul style="list-style-type: none"> <li>Staff as required for regular maintenance activities</li> </ul>	
<b>Access</b>		<b>Security</b>		<b>Flexibility</b>	
<ul style="list-style-type: none"> <li>To suit requirements</li> </ul>		<ul style="list-style-type: none"> <li>Lockable door</li> </ul>		<ul style="list-style-type: none"> <li>Single use room.</li> </ul>	
<b>Structure</b>		<b>Environment</b>		<b>Equipment</b>	
<b>Height</b> _____ <b>Clear Span</b> _____ <b>Floor Loading</b> _____ <b>psf</b> _____ <b>Spec. Req:</b> <ul style="list-style-type: none"> <li>Refer to E22.4 Structural Specifications for floor loading.</li> <li>Refer to Equipment lists Appendix L; Mechanical and Electrical requirements for all items to be supported by structure.</li> </ul>		<b>Temp.</b> <u>80F</u> <b>View Out Ext.</b> _____ <b>Humidity</b> <u>60%</u> <b>View Out Int.</b> _____ <b>View In</b> _____ <b>Spec. Req:</b> <ul style="list-style-type: none"> <li>Winter conditions permitted to be 68F</li> <li>Humidity control not required</li> </ul>		<ul style="list-style-type: none"> <li>Mechanical and electrical equipment as required for the design.</li> </ul>	
<b>Electrical Services</b>		<b>Illumination</b>		<b>Room Finishes</b>	
<b>Power</b> <u>X</u> <b>TV</b> _____ <b>Comp</b> <u>X</u> <b>AV</b> _____ <b>Tel</b> <u>X</u> <b>PA</b> _____ <b>CCTV</b> _____ <b>Wireless</b> <u>X</u> _____ <b>Other:</b>		<b>Ft. Candles</b> _____ <b>Daylight</b> _____ <b>Fluor.</b> _____ <b>Quartz</b> _____ <b>LED:</b> <u>X</u> _____ <b>Incand.</b> _____ <b>Special</b> _____ <b>Other:</b>		<b>Floor:</b> <ul style="list-style-type: none"> <li>Polished concrete at grade. Epoxy if a penthouse condition.</li> </ul> <b>Walls:</b> <ul style="list-style-type: none"> <li>CMU to 2438mm (8' – 0") AFF and mildew resistant gypsum wallboard above to underside of structure. Painted with Epoxy Paint. Fire rating to suit as per MNBC.</li> </ul> <b>Ceiling:</b> <ul style="list-style-type: none"> <li>Open to structure above</li> </ul>	
<b>Mechanical Services</b>		<b>Comments</b>			
<b>Hot W.</b> _____ <b>Cold W.</b> _____ <b>Drain</b> _____ <b>Exhaust</b> _____ <b>Air</b> _____ <b>Climate Controlled?</b> <u>Yes</u> _____ <b>Other:</b>					