

**FINISH HARDWARE SCHEDULE FOR  
New Car Dealership  
123 Main Street - London, ON.**

**Project Number:** 300256

**Architect/Engineer:** Generic Architect  
1000 North Road  
London, ON. N3B 5D7  
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**Contractor:** Generic Construction  
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**Schedule By:**



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**CONSULTANT:** Jane Doe ext 101

**PROJECT MANAGER:** John Doe ext 108

**DATE:** June 30, 2016

**REVISED DATE:** August 4, 2016 per reviewed schedule 08/02  
August 30'2016 per key schedule  
August 31'2016

**FINISH HARDWARE SCHEDULE FOR**  
**Audi Windsor**  
**10982 Tecumseh Road East - Windsor, ON.**

**Project Number:** 300256

**PART 1 GENERAL**

**1.01 General Requirements**

- .1 Comply with the General Conditions of the contract, Supplementary General Conditions and the requirements of Division 1.

**1.02 Related Work Specified Elsewhere**

- .1 None

**1.03 Scope of Work Included**

- The work of this section includes:
- .1 The supply of finish hardware (08 71 00) product.

**1.04 Quality Assurance**

- .1 Supply only hardware as required by jurisdictional codes.
- .2 Supply only ULC or WHI listed hardware for fire rated construction.
- .3 Supply only ULC and/or CSA listed electrical components.

**1.05 Warranty**

- .1 Provide a warranty as stipulated in the General Conditions, from the date of final completion and acceptance of the Work.
  - for a period of One (1) year

**1.06 Inspection and Supervision**

- .1 The hardware supplier shall cooperate with the installer and clarify the locations or installation methods of particular items.

**1.07 Delivery Storage and Handling**

- .1 Each item shall be clearly itemized and labelled in accordance with the schedule and delivered in the manufacturer's original cartons.
- .2 The hardware supplier shall arrange delivery time and date to the job site or door manufacturer so that all work may progress without delay or interruption.
- .3 Storage and protection of the hardware is the responsibility of the Contractor.
- .4 All hardware shall be laid out in an organized manner on shelves provided by the Contractor in a properly secure room.
- .5 Deliver & assist in unloading and sorting of hardware. All hardware must be reviewed on site by the Contractor.

**FINISH HARDWARE SCHEDULE FOR  
Audi Windsor  
10982 Tecumseh Road East - Windsor, ON.**

**Project Number:** 300256

**PART 2 PRODUCTS**

**2.01 General Requirements**

- .1 All hardware shall be made to template. Furnish templates and template hardware together with the instructions necessary for door and frame preparation.
- .2 All hardware shall be supplied with necessary screws, bolts or other fastening devices to anchor hardware in position neatly and properly in accordance with best practices.

**2.02 Materials**

Only products listed in the hardware schedule or the approved alternates listed in the following list are to be used on this project.

<u>PRODUCT</u>	<u>LISTED PRODUCTS</u>
Hinges	Ives (CIV)
Latch Sets	Schlage (CSC)
Exit Devices	Von Duprin (CVO)
Electric strikes	Rutherford Controls (CRC)
Kickplates, Floor Stops	Gallery (CGA)
Operators	Hunter (DIT1)
Wall Switches	Camden (CAMD)
Power Supply	Schlage (CLO)
Overhead Stops/ Holders	Glynn-Johnson (CGL)
Weatherstripping, Thresholds, Door Sweeps, Auto Door Bottoms	KN Crowder (CKN)

**2.03 Finishes**

- .1 The following is a description of hardware finishes as listed in the finish hardware schedule.
  - 26D/626/652 satin chrome plated
  - 32D/630 satin stainless steel
  - C28, CA/628 aluminum – clear anodized

**2.03 Keying**

- .1 Final keying to be confirmed with owner.

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**Project Number:** 300256

**PART 3 EXECUTION**

**3.01 Examination**

- .1 Before supplying any materials, check all contract documents, shop drawings, details and field dimensions and conditions to ensure that the listed hardware is suitable for intended use. Inform the Consultant of any inaccuracies or discrepancies in writing.

**3.02 Installation**

- .1 Provide instruction and templates to fabricators and to the hardware installers.
- .3 All hardware is to be adjusted for proper closing and latching.  
Adjust door closers for proper strength, back check, closing and latching speeds.
- .4 All hardware is to be installed by skilled tradesmen to the manufacturer's installation templates and instructions at the following mounting heights unless noted otherwise in the hardware schedule.  
Locksets & Passage Sets                      40-5/16" CL A.F.F.

All dimensions are from the centreline of the hardware to the finish floor unless noted otherwise.

**3.03 Adjustment**

- .1 Verify that the installed hardware functions properly.
- .2 Instruct installers of requirements or procedures for adjustments.
- .3 Provide a written inspection report for all hardware installation deficiencies.

**FINISH HARDWARE SCHEDULE FOR  
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10982 Tecumseh Road East - Windsor, ON.**

**Project Number:** 300256

**Opening List**

<u>Opening</u>	<u>Hdw Set</u>	<u>Hdw Heading</u>	<u>Opening Label</u>
132-3		25	
133-1		26	
100-1		21	
101-1		21	
108-1		22	
116-1		23	
120-1		21	
120-4		21	
122-1		23	
121-1		21	
113A-1		1	90Min
114-1		2	
114-2		2	
115-1		3	
117-1		4	
118-1		5	
120A-1		6	45Min
122-2		7	
124-1		8	
128-1		9	
128-2		10	
129-1		7	
130-1		11	
132-2		12	
134-1		13	
135-1		14	
136-1		15	
136-2		16	
137-1		17	
138-1		18	
138-3		18	
140-2		18	
200-1		19	
200-2		20	
WINDOW			

**FINISH HARDWARE SCHEDULE FOR**  
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**Project Number:** 300256

**Hardware Schedule**

**HEADING #1**

Opening Description: 3' 2" x 7' 0" x 1-3/4" HMD / HMF x 90Min			
1	Single Door #113A-1	Meeting Room 113 from Storage 113A	AA RH
3	Hinges	5BB1HW 4 1/2 x 4 1/2	626 CIV
1	Lockset	AL53PD SAT 50-210-GMK	626 CSC
1	Closer	1461 REG W/62A	689 CLC
		Note: closer to be installed on pull side of door	
1	Door Stop	GSH 209	C26D CGA

**HEADING #2**

Opening Description: 3' 2" x 7' 0" x 1-3/4" HMD / HMF			
1	Single Door #114-1	Corridor 114a to Administration #1 114b	RH
1	Single Door #114-2	Corridor 114a to Administration #2 114c	LH
6	Hinges	5BB1HW 4 1/2 x 4 1/2	626 CIV
2	Passage Set	AL10S SAT	626 CSC
2	Door Stop	GSH 209	C26D CGA

**HEADING #3**

Opening Description: 3' 2" x 7' 0" x HMD / HMF			
1	Single Door #115-1	Corridor 114a to Archives 115	AA LH
3	Hinges	5BB1HW 4 1/2 x 4 1/2	626 CIV
1	Lockset	AL53PD SAT 50-210-GMK	626 CSC
1	Door Stop	GSH 209	C26D CGA

**HEADING #4**

Opening Description: 3' 0" x 7' 0" x HMD / trimless frame			
1	Single Door #117-1	Corridor 05A to Washroom 117	LH
3	Hinges	5BB1HW 4 1/2 x 4 1/2	626 CIV
1	Privacy Set	AL40S SAT	626 CSC
1	Door Stop	GSH 209	C26D CGA

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**Project Number:** 300256

**HEADING #5**

Opening Description: 3' 2" x 7' 0" x HMD / trimless frame

1 Single Door #118-1	Corridor 105a to B/F Universal Washroom 118	AA	RH
3 Hinges	5BB1HW 4 1/2 x 4 1/2	626	CIV
1 Lockset	AL80PD SAT 50-210-GMK	626	CSC
1 Electric Strike	S6514	32D	CRC
1 Door Operator	HA-8P-1 41" CLEAR ANALOG RH\PUSH		DIT1
1 Wall Switch	CM-45/4		CAMD
1 Surface Box	CM-43CBL		CAMD
1 Universal Washroom Kit	CX-WEC10		CAMD
1 Restroom Control Kit	CX-WC13SM		CAMD
1 Power Supply	PS902		CVO
1 Door Stop	GSH 209	C26D	CGA

**Description of Operation:**

Door is normally closed and latched. Button escutcheon LED is green to indicate "unlocked".

Manual entry by pushing door open, automatic entry by use of wall switch.

Using "Push to Lock" button locks the door, disables outside wall switch, and escutcheon trim LED changes to red to indicate "locked".

Using "Press for Emergency Assistance" button activates light and sounder inside and outside of washroom, indicating "Assistance Required", resetting system to unlocked state for entry.

Opening door automatically or manually from inside resets system to unlocked state, escutcheon trim LED changes to green to indicate "unlocked".

Manual entry by key override at all times.

**HEADING #6**

Opening Description: 2 - 3' 0" x 7' 0" x 1-3/4" HMD / HMF x 45Min

1 Pair Doors #120A-1	Service Reception 120 from Storage 120a	2AA	RHRA
6 Hinges	5BB1 4 1/2 x 4	652	CIV
1 Set Auto Flush Bolts	FB31P	US32D	CIV
1 Lockset	AL53PD SAT 50-210-GMK	626	CSC
1 Coordinator	COR72	US26D	CIV
2 Closer	1461 CUSH	689	CLC
2 Kick Plate	GSH 80A 8" x 34 1/2" STMS	C32D	CGA

**HEADING #7**

Opening Description: 3' 2" x 7' 0" x 1-3/4" HMD / HMF

1 Single Door #122-2	Corridor 127 to Service Manager 122	AA	LH
1 Single Door #129-1	Tech Parts 128 to Parts Manager 129	2AA	LH
6 Hinges	5BB1HW 4 1/2 x 4 1/2	626	CIV
2 Lockset	AL53PD SAT 50-210-GMK	626	CSC
2 Kick Plate	GSH 80A 8" x 36 1/2" STMS	C32D	CGA
2 Door Stop	GSH 209	C26D	CGA

**FINISH HARDWARE SCHEDULE FOR**  
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**10982 Tecumseh Road East - Windsor, ON.**

**Project Number:** 300256

**HEADING #8**

Opening Description: 3' 2" x 7' 0" x 1-3/4" HMD / HMF

1 Single Door #124-1		Service Write-Up from Key Closet 124	AA	RHR
3 Hinges	5BB1HW 4 1/2 x 4 1/2		626	CIV
1 Electronic Lock	CO-100-CY-70-KP-RHO 50-210		RHR 626	CLO
1 Closer	1461 REG W/62A		689	CLC
	Note: closer to be installed on push side of door			
1 Kick Plate	GSH 80A 8" x 36 1/2" STMS		C32D	CGA
1 Door Stop	GSH 209		C26D	CGA

**HEADING #9**

Opening Description: 3' 2" x 7' 0" x 1-3/4" HMD / HMF

1 Single Door #128-1		Corridor 127 to Tech Parts 128	2AA OP BY, 3AA	RH
3 Hinges	5BB1HW 4 1/2 x 4 1/2		626	CIV
1 Lockset	AL53PD SAT 50-210-GMK		626	CSC
1 Closer	1461 REG W/62A		689	CLC
	Note: closer to be installed on pull side of door			
1 Kick Plate	GSH 80A 8" x 36 1/2" STMS		C32D	CGA
1 Door Stop	GSH 209		C26D	CGA

**HEADING #10**

Opening Description: 3' 2" x 7' 0" x 1-3/4" HMD / HMF

1 Single Door #128-2		Corridor 127 to Tech Parts 128	2AA OP BY, 3AA	LH
3 Hinges	5BB1HW 4 1/2 x 4 1/2		626	CIV
1 Lockset	AL53PD SAT 50-210-GMK		626	CSC
1 Closer	1461 REG W/62A		689	CLC
	Note: closer to be installed on pull side of door			
1 Kick Plate	GSH 80A 8" x 36 1/2" STMS		C32D	CGA
1 Overhead Stop	904S		US32D	CGL

**HEADING #11**

Opening Description: 3' 2" x 7' 0" x 1-3/4" HMD / HMF

1 Single Door #130-1		Tech Parts 128 to I.T. Room 130	2AA	LH
3 Hinges	5BB1HW 4 1/2 x 4 1/2		626	CIV
1 Lockset	AL53PD SAT 50-210-GMK		626	CSC
1 Door Stop	GSH 209		C26D	CGA



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**Project Number:** 300256

**HEADING #12**

Opening Description: 3' 2" x 7' 0" x 1-3/4" HMD / HMF

1 Single Door #132-2	Exterior from Parts Receiving 132	2AA OP BY, 3AA	LHR
3 Hinges	5BB1HW 4 1/2 x 4 1/2 NRP	630	CIV
1 Electronic Lock	CO-100-CY-70-KP-RHO 50-210	LHR 626	CLO
1 Closer	4040 XP CUSH SRT TB	689	CLC
	Note: closer to be installed on push side of door, after weatherstripping		
1 Kick Plate	GSH 80A 8" x 36 1/2" STMS	C32D	CGA
1 Weatherstrip	W-17N 1 x 38" 2 x 84"	CA	CKN
	Note: install weatherstripping prior to closer		
1 Door Sweep	W-24S 38"	CA	CKN
1 Threshold	CT-10 38"	AL	CKN

**HEADING #13**

Opening Description: 3' 2" x 7' 0" x 1-3/4" HMD / HMF

1 Single Door #134-1	Corridor 127 to Lunch Room 134		LH
3 Hinges	5BB1HW 4 1/2 x 4 1/2	626	CIV
1 Push Plate	GSH 81A 20" x 5" STMS	C32D	CGA
1 Door Pull	1180-2 12 C.C. #2	C26D	CGA
1 Closer	1461 REG W/62A	689	CLC
	Note: closer to be installed on pull side of door		
1 Kick Plate	GSH 80A 8" x 36 1/2" STMS	C32D	CGA
1 Door Stop	GSH 209	C26D	CGA

**HEADING #14**

Opening Description: 3' 2" x 7' 0" x 1-3/4" HMD / HMF

1 Single Door #135-1	Corridor 127a to Janitor 135	2AA	RH
3 Hinges	5BB1HW 4 1/2 x 4 1/2	626	CIV
1 Lockset	AL80PD SAT 50-210-GMK	626	CSC
1 Closer	1461 REG W/62A	689	CLC
1 Kick Plate	GSH 80A 8" x 36 1/2" STMS	C32D	CGA
1 Door Stop	GSH 209	C26D	CGA

**FINISH HARDWARE SCHEDULE FOR**  
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**10982 Tecumseh Road East - Windsor, ON.**

**Project Number:** 300256

**HEADING #15**

Opening Description: 3' 2" x 7' 0" x 1-3/4" HMD / HMF

1 Single Door #136-1		Corridor 127a to Mens Locker Room 136		LH
3 Hinges	5BB1HW 4 1/2 x 4 1/2		626	CIV
1 Push Plate	GSH 81A 20" x 5" STMS		C32D	CGA
1 Door Pull	1180-2 12 C.C. #2		C26D	CGA
1 Closer	1461 CUSH SRT TB		689	CLC
	Note: closer to be installed on push side of door			
1 Kick Plate	GSH 80A 8" x 36 1/2" STMS		C32D	CGA
1 Louvre	CDL 24 X 18		AL	CKN
1 Door Stop	GSH 209		C26D	CGA

**HEADING #16**

Opening Description: 3' 2" x 7' 0" x 1-3/4" HMD / HMF

1 Single Door #136-2		Mens Locker Room 136 from Shower		RHR
3 Hinges	5BB1HW 4 1/2 x 4 1/2		626	CIV
1 Privacy Set	AL40S SAT		626	CSC
1 Door Stop	GSH 209		C26D	CGA

**HEADING #17**

Opening Description: 3' 2" x 7' 0" x 1-3/4" HMD / HMF

1 Single Door #137-1		Corridor 127a to Womens Locker Room 137		RH
3 Hinges	5BB1HW 4 1/2 x 4 1/2		626	CIV
1 Push Plate	GSH 81A 20" x 5" STMS		C32D	CGA
1 Door Pull	1180-2 12 C.C. #2		C26D	CGA
1 Closer	1461 CUSH SRT TB		689	CLC
	Note: closer to be installed on push side of door			
1 Kick Plate	GSH 80A 8" x 36 1/2" STMS		C32D	CGA
1 Louvre	CDL 24 X 18		AL	CKN

**FINISH HARDWARE SCHEDULE FOR**  
**Audi Windsor**  
**10982 Tecumseh Road East - Windsor, ON.**

**Project Number:** 300256

**HEADING #18**

Opening Description: 3' 2" x 7' 0" x 1-3/4" HMD / HMF

1	Single Door #138-1	Exterior from Service Garage 138	2AA	LHR
1	Single Door #138-3	Exterior from Service Garage 138	2AA	LHR
1	Single Door #140-2	Exterior from Car Wash 140	2AA	LHR
9	Hinges	5BB1HW 4 1/2 x 4 1/2 NRP	630	CIV
3	Exit Device	22L x 230L 06-LEVER 48"	LHR SP28	CVO
3	Closer	4040 XP CUSH SRT TB	689	CLC
		Note: closer to be installed on push side of door, after weatherstripping		
3	Kick Plate	GSH 80A 8" x 36 1/2" STMS	C32D	CGA
3	Weatherstrip	W-17N 1 x 38" 2 x 84"	CA	CKN
		Note: install weatherstripping prior to closer		
3	Door Sweep	W-24S 38"	CA	CKN
3	Threshold	CT-10 38"	AL	CKN

**HEADING #19**

Opening Description: 3' 2" x 7' 0" x 1-3/4" HMD / HMF

1	Single Door #200-1	Service Garage 138 to Upper Equipment Room 200	AA	RH
3	Hinges	5BB1HW 4 1/2 x 4 1/2	626	CIV
1	Lockset	AL80PD SAT 50-210-GMK	626	CSC
1	Closer	1461 REG W/62A	689	CLC
		Note: closer to be installed on push side of door, after weatherstripping		
1	Kick Plate	GSH 80A 8" x 36 1/2" STMS	C32D	CGA
1	Door Stop	GSH 209	C26D	CGA
1	Weatherstrip	W-17N 1 x 38" 2 x 84"	CA	CKN
		Note: install weatherstripping prior to closer		
1	Auto. Door Bottom	CT-50 42"	CA	CKN
1	Threshold	CT-10 38"	AL	CKN

Note: Auto.Door Bottom to be cut to 38" on site at time of install.

**HEADING #20**

Opening Description: 2 - 3' 0" x 6' 0" HMD / HMF

1	Pair Doors #200-2	Service Garage 138 to Upper Equipment Room 200	AA	LH\RH
6	Hinges	5BB1 4 1/2 x 4	652	CIV
1	Deadlock	B660P 50-210-GMK	626	CSC
2	Door Pull	1180-2 12 C.C. #2	C26D	CGA
2	Door Holder	GSH 289	C26D	CGA
2	Surface Bolt	GSH 70T/B	C26D	CGA
1	Weatherstrip	W-17N 1 X 72", 2 X 84"	CA	CKN
1	Threshold	CT-10 72"	AL	CKN
2	Auto. Door Bottom	CT-50 36"	CA	CKN

**FINISH HARDWARE SCHEDULE FOR  
Audi Windsor  
10982 Tecumseh Road East - Windsor, ON.**

**Project Number:** 300256

**HEADING #21**

Opening Description: ALD/ALF

1 Pair Doors #100-1	Exterior from Vestibule 100	2AA OP BY 4AA	LHR\RHR
1 Pair Doors #101-1	Exterior from Showroom 101	2AA	RHRA
1 Single Door #120-1	Exterior from Service Reception 120	2AA	LHR
1 Single Door #120-4	Exterior from Service Reception 120	2AA	LHR
1 Other Door #121-1	Service Reception 120 to Service Write-Up121	2AA	
5 Mortise Cylinder	20-013 1 1/8" C KEYWAY	626	CSC

**HEADING #22**

Opening Description: Glass Door

1 Single Door #108-1	Showroom 101 to Office 108	1AA	RH
1 Cylinder	21-020 C KEYWAY	626	CSC

**HEADING #23**

Opening Description: Glass Door

1 Single Door #116-1	Corridor 114a to Treasurer 116	AA	RH
1 Single Door #122-1	Service Garage 138 to Service Manager 122	AA	
2 Cylinder	21-020 C KEYWAY	626	CSC

**HEADING #24 – not used**

**HEADING #25**

Opening Description: 3' 2" x 7' 0" Chanlink Door & Frame

1 Single Door #132-3	Parts 131 to Parts Receiving 132		RH
1 Exit Device	22EO	SP28	CVO

**HEADING #26**

Opening Description: 3' 2" x 7' 0" Chanlink Door & Frame

1 Single Door #133-1	Parts 131 from Warranty Parts 133	2AA	RHR
1 Lockset	AL53PD SAT 50-210-GMK	626	CSC