

PART 1 - GENERAL

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| <u>1.1 SUMMARY</u> | .1 | Supply and installation of roof drainage system: eaves throughs, gutters, downspipes, and splashpads. |
| <u>1.2 REFERENCES</u> | .1 | Canadian Standards Association (CSA International). .1 CSA-B79 - 08. Commercial and residential drains and cleanouts. |
| | .2 | National Plumbing Code, 2010. |
| <u>1.3 ACTION AND INFORMATIONAL SUBMITTALS</u> | .1 | Submittals in accordance with Section 01 33 00 - Submittal Procedures. |
| | .2 | Product Data: .1 Submit manufacturer's printed product literature, specifications and datasheet for fixtures and equipment. .2 Indicate dimensions, construction details and materials for specified items. |
| | .3 | Shop Drawings: .1 Submit shop drawings to indicate materials, finishes, method of anchorage, number of anchors, dimensions, construction and assembly details and accessories.]. |
| | .4 | Instructions: submit manufacturer's installation instructions. |
| | .5 | Closeout submittals: submit maintenance and engineering data for incorporation into manual specified in Section 01 78 00 - Closeout Submittals, include: .1 Giving manufacturers name, type, model, year and capacity. .2 Details of operation, servicing and maintenance. .3 Recommended spare parts list. |
| <u>1.4 DELIVERY, STORAGE AND HANDLING</u> | .1 | Remove from site and dispose of packaging materials at appropriate recycling facilities. |
| | .2 | Collect and separate for disposal paper, plastic polystyrene corrugated cardboard packaging material in appropriate on-site bins for recycling in accordance with Waste Management Plan. |
| | .3 | Divert unused metal materials from landfill to metal recycling facility as approved by Departmental Representative. |
| | .4 | Fold up metal and plastic banding, flatten and place in designated area for recycling. |

PART 2 - PRODUCTS

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| <u>2.1 MATERIALS</u> | .1 | Roof rainwater hardware: Custom build to suit, configuration to suit sloped modified bitumen roofing. |
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| <u>PART 3 - EXECUTION</u> | .1 | Compliance: comply with manufacturer's written recommendations or specifications, including product technical bulletins, handling, storage and installation instructions, and data sheet. |
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| <u>3.1 MANUFACTURER'S INSTRUCTIONS</u> | .1 | Install in accordance with National Plumbing Code of Canada Manitoba Plumbing Code, and local authority having jurisdiction |
| | .2 | Install in accordance with manufacturer's instructions and as specified. |

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| <u>3.2 FIELD QUALITY CONTROL</u> | .1 | Roof drains: <ul style="list-style-type: none">.1 verify gutter / eaves-trough and downs pipe size will suit rainwater flow.2 verify location of and spacing of downs-pipes spacing.3 Verify provisions for movement of roof systems. |
| | .2 | Verify integrity of flashings. |

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