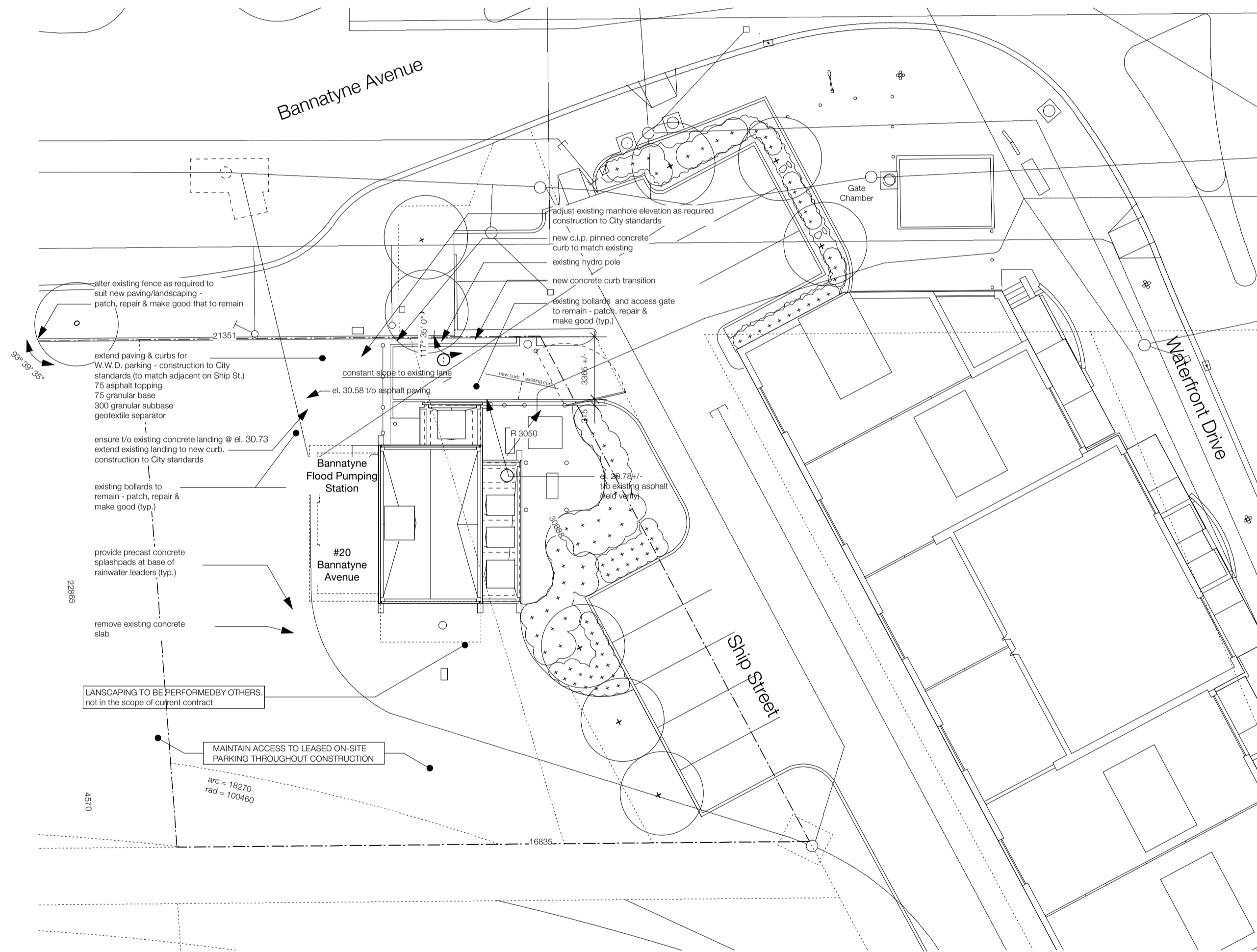


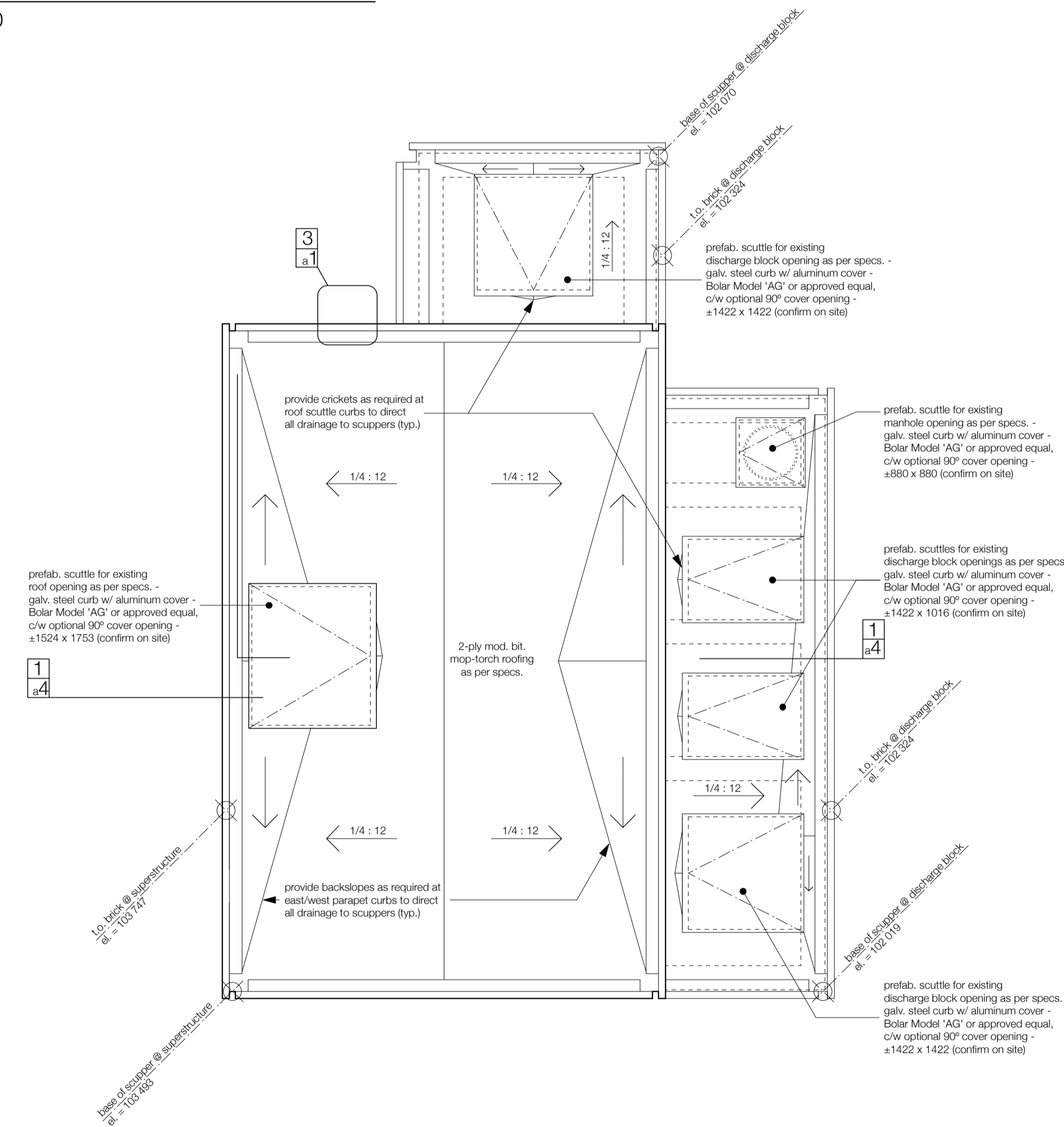
3 Isometric Details @ Scupper (typ.)

1 : 10



1 Site Plan

1 : 200



2 Roof Plan

1 : 50

GENERAL NOTES:

do not scale drawings.
contractor to possess and distribute the most recent contract documents, report discrepancies immediately to the contract administrator prior to construction.
all materials and finishes to be maintained in the course of this project are to be protected and, if damaged, are to be patched repaired and made good.

refer to specifications for procedures and regulations regarding construction site safety, security and cleanliness.

DEMOLITION:

remove all exterior finishes (stucco, face brick) & building papers down to bare concrete or plywood sheathing. remove all staples and other fasteners or sharp edges from existing substrate to ensure adhesion and integrity of new air/vapour barrier.
remove all roof hatches and access covers. remove all roofing, roofing papers and roof insulation (if any) down to bare concrete or plywood sheathing. remove existing parapet caps and all associated flashings. remove all staples and other fasteners or sharp edges from existing substrate to ensure adhesion and integrity of new air/vapour barrier.

remove existing door & frame. remove all louvres and frames (existing fans to be maintained or removed as per Mechanical). remove concrete frame around louvre/filled-in windows on west wall of discharge block.

refer to Mechanical & Electrical for demolition pertaining to site services and connections to the building. refer to Landscape (see note on Site Plan, dwg. 1/a1) for demolition pertaining to other site elements.

all products of demolition are to be handled and/or disposed of per City of Winnipeg Water & Waste Department guidelines. there are no asbestos abatement measures anticipated. please report evidence to the contrary to the contract administrator immediately upon discovery.

LEGAL DESCRIPTION:

sp lot 4 plan 32971 WLTO and lot 25 plan 223 WLTO (w div) in RL 6 & 7, parish of St. John

certificates of title: 20783398 & 20783399

site information from legal survey by Pullock & Wright, 28 September 2006 (file no. 0603243)

BUILDING CODE ANALYSIS:

as this is a building of medium hazard industrial (group F2) occupancy, is 1 storey high and has a building area less than 600m² (±47.75 m² or 514 ft²), the portion of the Code (NBC 2005) that applies is Part 9 (NBC 1.3.3.3.1.a, 9.1.1.1.1).

NOTE: this is a utility building, intermittently occupied by service personnel only, as such, it is exempt from sections 3.7, 3.8, part 5 and their corresponding sections in Part 9 of the Code. the Code must be adhered to for the portions of this building that are being altered and repaired, however (NBC 1.3.5.1.1).

medium hazard industrial (group F2) occupancy,
1 storey high
facing 1 street
building area = ±47.75 m² (514 ft²),
floor assembly is cast in place concrete providing min. 45 min. F.R.R. supporting structure for this floor is noncombustible. (conforms with NBC 3.2.2.7.1, 9.10.8.1.1)

exit door = 1220mm wide (conforms to NBC 9.9.6.3.2.a)
area of superstructure room = ±37.2 m² (<150 m²)
greatest travel distance to exit = ±9.6m (<10m)
intermittently occupied by service personnel only
therefore one exit permitted per NBC 9.9.7.4

greatest travel distance to exit = ±9.6m (<30m - conforms to NBC 9.9.8.2)
interconnected floor space between superstructure and pump room below is permitted as it is a stairwell only and conforms to NBC 3.2.8.2.6, 9.10.9.5

maximum % unprotected openings, all exposing building faces = 100%
therefore, per NBC table 9.10.14.5, exterior walls are not required to have a fire resistance rating, be of noncombustible construction or have noncombustible cladding.

INDEX OF DRAWINGS:

- a1.0 site plan, roof plan & notes
- a2.0 floor plans and plan details
- a3.0 elevations
- a4.0 building section
- s1 structural details & specifications
- m1 mechanical plans
- m2 mechanical specifications
- e1 electrical plans
- e2 electrical specifications

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|--|--|----------------------------|---|---|------------------------------|
| B.M. XX-XXX ELEV. XXX-XXX | SYVERSON MONTEYNE ARCHITECTURE | | ARCHITECT'S SEAL | THE CITY OF WINNIPEG WATER & WASTE DEPARTMENT | SHEET 01 OF 04 |
| | DESIGNED BY: TBM | CHECKED BY: TBM | ORIGINAL DRAWING SIGNED BY: T. MONTEYNE | | |
| | DRAWN BY: FDN | APPROVED BY: | 06/19/2008 | BANNATYNE FLOOD PUMPING STATION BUILDING UPGRADE ARCHITECTURAL SITE PLAN, ROOF PLAN GENERAL NOTES | CAD FILE DRAWING NUMBER - |
| 0 ISSUED FOR CONSTRUCTION 06/19/08 TBM | SCALE: AS NOTED 100% at A1 Sheet 50% at A3 Sheet | RELEASED FOR CONSTRUCTION: | CONSULTANT DRAWING NO. a1.0 | | |
| NO. REVISIONS | DATE | BY | DATE | | |