SHEET: COW-A1 (03/2005)

## DOOR SCHEDULE

01

| DOOR NO | DOOR | | | | | | | | | | FRAME | | | HDW GROUP | FIRE RATING | GRILLES | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | TO ROOM | SIZE | SWING | TYPE | MAT | CORE | FINISH | COLOUR | PROFILE | MAT | TYPE | FINISH | COLOUR | | | | |
| D101A | EXTERIOR | 45x900x2150 | RH | 1 | HM | INSUL | PT | A | 1 | HM | WLD | PT | B | 1 | N/A | N/A | TO EXT |
| D101B | CONTROL ROOM | 45x900x2150 | LHR | 1 | HM | INSUL | PT | A | 2 | HM | WLD | PT | B | 4 | 45 MIN FRR | N/A | |
| D103C | BLOWER ROOM | 45x900x2150 | LHR | 1 | HM | INSUL | PT | A | 2 | HM | WLD | PT | B | 4 | 45 MIN FRR | N/A | |
| D103A | BLOWER ROOM | 25x4880x3050 | O/H | 4 | METAL | INSUL | PREFIN | A | N/A | N/A | N/A | N/A | B | N/A | N/A | N/A | COILING PACKAGE |
| D103B | EXTERIOR | 45x900x2150 | RH | 1 | HM | INSUL | PT | A | 1 | HM | WLD | PT | B | 1 | N/A | N/A | TO EXT |
| D104A | EXTERIOR | 45x900x2150 | RH | 2 | HM | INSUL | PT | A | 1 | HM | WLD | PT | B | 1 | N/A | N/A | TO EXT |
| D104B | EXTERIOR | 45x900x2150 | LH | 2 | HM | INSUL | PT | A | 1 | HM | WLD | PT | B | 1 | N/A | N/A | LHR ACTIVE/TO EXT |
| D104C | ELECTRICAL ROOM | 45x900x2150 | LHR | 1 | HM | HC | PT | A | 2 | HM | WLD | PT | B | 3 | N/A | N/A | |
| D105A | EXHAUST ROOM | 45x900x2150 | RH | 1 | HM | INSUL | PT | A | 1 | HM | WLD | PT | B | 1 | N/A | N/A | TO EXT |
| D105B | EXHAUST ROOM | 25x3050x3050 | O/H | 4 | METAL | INSUL | PREFIN | A | N/A | N/A | N/A | PT | B | N/A | N/A | N/A | COILING PACKAGE |

## INTERIOR FINISH SCHEDULE

| ROOM NO | ROOM NAME | FLOOR | | | | WALLS | | | | | | | | | | | | CEILING | | | | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | FLOORING | | BASE | | NORTH | | | EAST | | | SOUTH | | | WEST | | | | | | | |
| | | MAT | COLOUR | MAT | COL | MAT | FINISH | COLOUR | MAT | FINISH | COLOUR | MAT | FINISH | COLOUR | MAT | FINISH | COLOUR | MAT | FINISH | COLOUR | HGT AFF | |
| 101 | CONTROL ROOM | EPOXY | E | EPXY COV | B | CB | PT | C | CB | PT | C | CB | PT | C | CB | PT | C | CONC | PT | D | 6000 | |
| 102 | SAMPLING ROOM | EPOXY | E | EPXY COV | B | CB/CONC | PT | C | CB | PT | C | CB | PT | C | CB | PT | C | CONC | PT | D | 6000 | |
| 103 | BLOWER ROOM | EPOXY | E | EPXY COV | B | CB/CONC | PT | C | CB | PT | C | CB | PT | C | CB | PT | C | CONC | PT | D | 6000 | |
| 104 | ELECTRICAL ROOM | EPOXY | E | EPXY COV | B | CB/CONC | PT | C | CB | PT | C | CB | PT | C | CB | PT | C | CONC | PT | D | 6000 | |
| 105 | EXHAUST ROOM | EPOXY | E | EPXY COV | B | CB | PT | C | CB | PT | C | CB/CONC | PT | C | CB | PT | C | CONC | PT | D | 4800 | |

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NOTE: COLOURS TO BE SELECTED BY THE CONSULTANT.

## HARDWARE GROUP SCHEDULE

GROUP 1 D104A, D104B (DOUBLE DOOR)

| | | | |
|---|---|---|---|
| 6 BUTT HINGES | TA 314 115x100mm NRP | McKINNEY | 26D |
| 1 LOCKSET | AU5407 x ASA | YALE (W/CONST CYL) | 26D |
| 2 FLUSHBOLTS | F65 | STANDARD METAL | 26D |
| 2 WEATHERSTRIP | W29 1/6 + 2/7 | KN CROWDER | CA |
| 2 DOOR SWEEP | W245 – 900 & 600mm | KN CROWDER | CA |
| 1 THRESHOLD | CT11 – 1800 | KN CROWDER | CA |
| 1 ASTRAGAL | W40P – 2100 | KN CROWDER | CA |
| 1 KICK PLATE | K10C | SSTEEL | |

GROUP 2 D101A, D103B, D105A

| | | | |
|---|---|---|---|
| 3 BUTT HINGES | TA 314 115x100mm NRP | McKINNEY | 26D |
| 1 WEATHERSTRIP | W29 1/3 + 2/7 | KN CROWDER | CA |
| 1 DOOR SWEEP | W24S – 900mm | KN CROWDER | CA |
| 1 THRESHOLD | CT11 – 900mm | KN CROWDER | CA |
| 1 CLOSER | 4040 | LCN | 689 |
| 1 WALL STOP | S123 | STANDARD METAL | 26D |
| 1 KICK PLATE | K10C | SSTEEL | |

GROUP 3 D104C

| | | | |
|---|---|---|---|
| 3 BUTT HINGES | TA 314 115x100mm NRP | McKINNEY | 26D |
| 1 LOCKSET | AU5402 x ASA | YALE (W/CONST CYLINDER) | 26D |
| 1 WALL STOP | S122 | STANDARD METAL | 26D |
| 1 CLOSER | 1461 | LCN | 689 |
| 1 KICK PLATE | K10C | SSTEEL | |

GROUP 4 D101B, D103C (RATED)

| | | | |
|---|---|---|---|
| 3 BUTT HINGES | TA 314 115x100mm NRP | McKINNEY | 26D |
| 1 LOCKSET | AU5402 x ASA | YALE (W/CONST CYLINDER) | 26D |
| 1 WALL STOP | S122 | STANDARD METAL | 26D |
| 1 CLOSER | 1461 | LCN | 689 |
| 1 KICK PLATE | K10C | SSTEEL | |
| 1 ACOUSTIC WEATHERSTRIP | W29 1/3 + 2/7 | KN CROWDER | CA |
| 1 DOOR SWEEP | W24S – 900mm | KN CROWDER | CA |
| 1 THRESHOLD | CT11 – 900mm | LCN | 689 |

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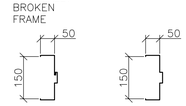
## ABBREVIATION SCHEDULE

| ABBREVIATION | DECRIPTION |
|---|---|
| RH | RIGHT HAND |
| LH | LEFT HAND |
| LHR | LEFT HAND REVERSE |
| O/H | OVERHEAD |
| HM | HOLLOW METAL |
| CB | CONCRETE BLOCK |
| PT | PAINT |
| PREFIN | PREFINISHED |
| CONC | CONCRETE |
| INSUL | INSULATION |
| EXT | EXTERIOR |
| WLD | WELDED |

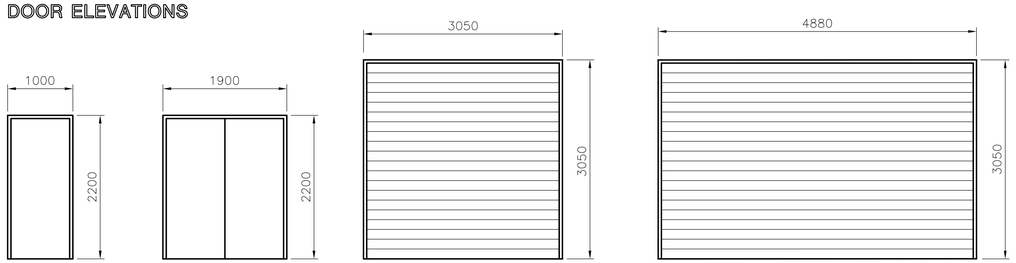
## DOOR FRAME PROFILE

THERMALLY BROKEN FRAME




TYPE 1 TYPE 2

## DOOR ELEVATIONS




TYPE 1 TYPE 2 TYPE 3 TYPE 4

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## CODE ANALYSIS

**North End Water Pollution Control Centre**
**2230 Main Street**
**Winnipeg, Manitoba**
**R2V 4T8**

**New Centrate Nutrient Treatment - Nitrogen Removal Facility**
**Exhaust Fan Building**
**Building Code Analysis**

**1.0 Description**

- Building Area: **120 m2** (1291.20 sf)
- Stories: One (1)
- Sprinklered: No
- Occupancy Type: **Group F, Division 3**
- Occupant Load: Two (2) (intermittent)
- Streets: One (1)

**2.0 Regulation**

.1 This project may be regulated under **3.2.2.80., Group F, Division 3, One (1) Storey**

.2 **Classification**

.1 Requirements:
- 5,600 m2 (60,626 sf) Building Area (Conforms)
- One (1) Storey (Conforms)
- Unsprinklered (Conforms)
- Type "F-3" Occupancy (Conforms)
- One (1) Street (Conforms)

.2 Stipulations:
- May be of Heavy Timber or Non-combustible construction
- Floor Assemblies - No requirements.
- Load bearing Elements - No requirements.

**3.0 General Conformance**

.1 **3.4.2.5 - Travel Distance**

.1 Maximum travel distance to an exit is 15 m (49') - Conforms (maximum travel of 13m - 42.65').

.2 **3.4.2.1 - Number of Exits**

.1 One (1) exit as required (Conforms)

.3 **3.2.3.1 - Limiting Distance**

.1 No issues

**North End Water Pollution Control Centre**
**2230 Main Street**
**Winnipeg, Manitoba**
**R2V 4T8**

**New Centrate Nutrient Treatment - Nitrogen Removal Facility**
**Blower Building**
**Building Code Analysis**

**1.0 Description**

- Building Area: **249 m2** (2,679.24 sf)
- Stories: One (1)
- Sprinklered: No
- Occupancy Type: **Group F, Division 3**
- Occupant Load: Two (2) (intermittent)
- Streets: Three (3)

**2.0 Regulation**

.1 This project may be regulated under **3.2.2.80., Group F, Division 3, One (1) Storey**

.2 **Classification**

.1 Requirements:
- 8,400 m2 (90,384 sf) Building Area: (Conforms)
- One (1) Storey: (Conforms)
- Unsprinklered: (Conforms)
- Type "F-3" Occupancy: (Conforms)
- Three (3) Streets (Conforms)

.2 Stipulations:
- May be of Heavy Timber or Non-combustible construction
- Floor Assemblies - No requirements.
- Load bearing Elements - No requirements.

**3.0 General Conformance**

.1 **3.4.2.5 - Travel Distance**

.1 Maximum travel distance to an exit is 30 m (98') - Conforms (maximum travel of 24.2m - 79.39').

.2 **3.4.2.1 - Number of Exits**

.1 Two (2) exits as required (Conforms)

.3 **3.2.3.1 - Limiting Distance**

.1 No issues

PROVINCE OF MANITOBA
NEIL COOPER ARCHITECT INC.
No.090
APPROVED ARCHITECTURAL CORPORATION

| NO. | REVISIONS | DATE | BY |
|---|---|---|---|
| 01 | 291–2006 ADDENDUM 3 | 06/07/12 | AL |
| 00 | ISSUED FOR TENDER | 06/05/15 | AL |

B.M.
ELEV.

EarthTech
A Tyco International Ltd. Company

| | | | |
|---|---|---|---|
| DESIGNED BY | NC | CHECKED BY | LK |
| DRAWN BY | AL | APPROVED BY | JEH |
| HOR. SCALE: | AS NOTED | RELEASED FOR CONSTRUCTION BY: | K. MARTENS |
| VERTICAL SCALE: | | | |
| DATE | 2006/03/21 | DATE | 2006/05/15 |

ENGINEER'S SEAL
ORIGINAL SIGNED BY
N. COOPER
2006/05/15

CONSULTANT DRAWING NO.
A1.03

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

NEWPCC CENTRATE NUTRIENT TREATMENT
NITROGEN REMOVAL FACILITY

CITY FILE NUMBER
SHEET OF

ARCHITECTURAL
CODE ANALYSIS AND SCHEDULES

CITY DRAWING NUMBER