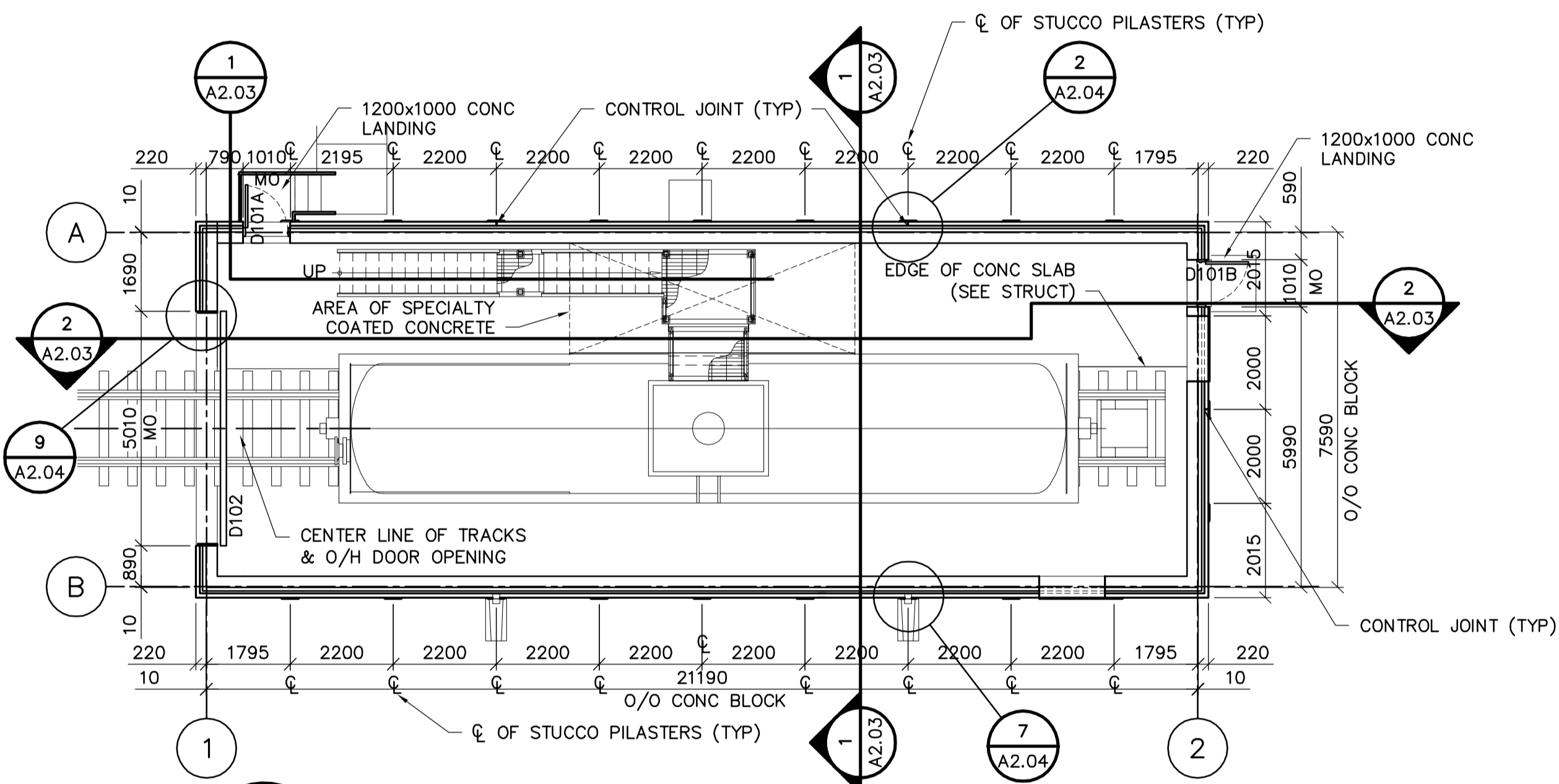
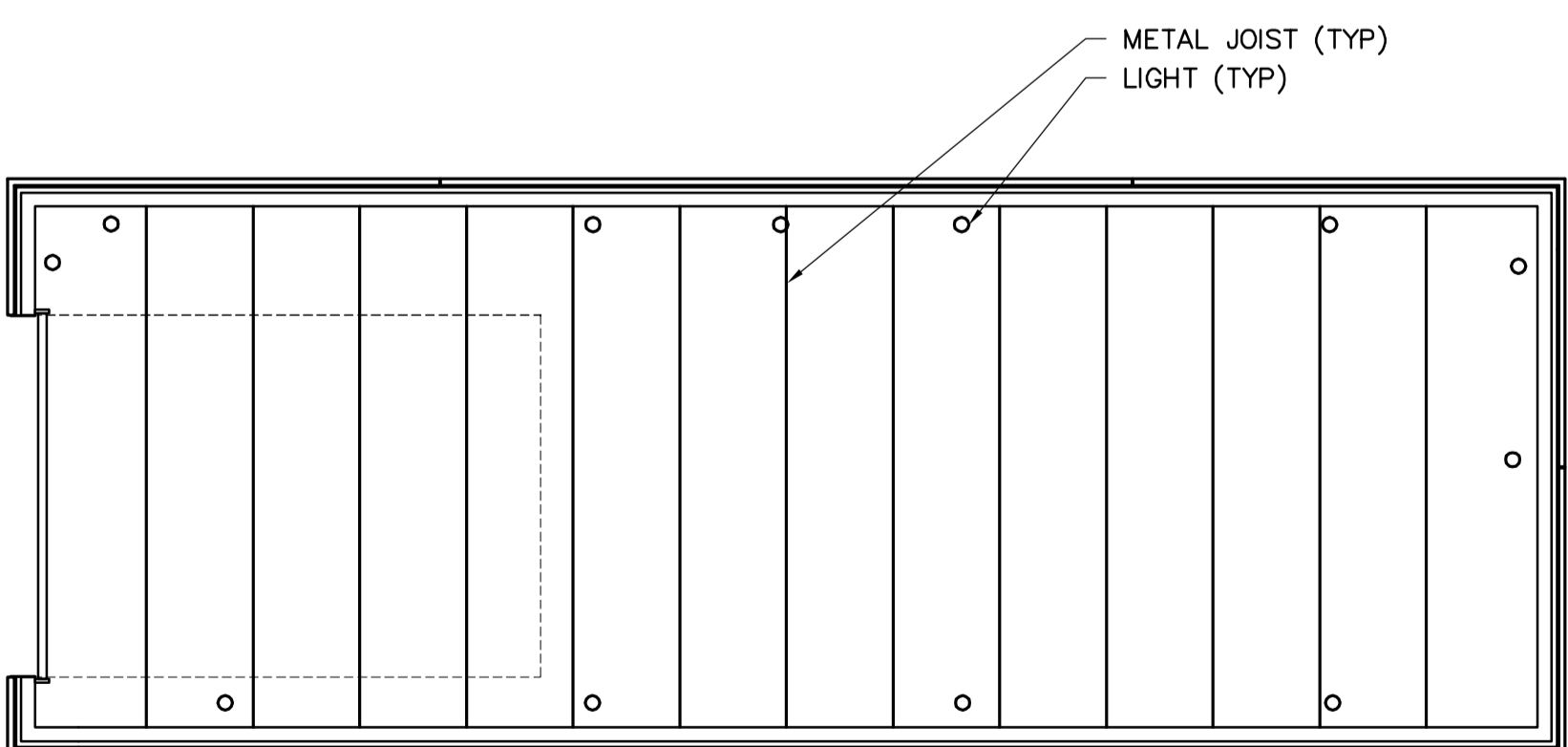


ROOF PLAN
SCALE : 1:100



MAIN FLOOR PLAN
SCALE : 1:100



NOTE: SEE ELECTRICAL FOR LIGHTING LOCATION & SCHEDULE

REFLECTED CEILING PLAN
SCALE : 1:100

| DOOR SCHEDULE | | | | | | | | | | | | | | | | |
|---------------|---------|--------------|-------|------|-------|-------|--------|--------|---------------------|-----|-----------|-------------|---------|----------|---------------|--------|
| DOOR NO | TO ROOM | DOOR | | | | | FRAME | | | | HDW GROUP | FIRE RATING | GRILLES | COMMENTS | | |
| | | SIZE | SWING | TYPE | MAT | CORE | FINISH | COLOUR | PROFILE | MAT | | | | | TYPE | FINISH |
| D101A | RAILCAR | 45x1000x2150 | RHR | 1 | HM | INSUL | PT | A | 1 | HM | WLD | PT | A | 1 | N/A | N/A |
| D101B | RAILCAR | 45x1000x2150 | RHR | 2 | HM | INSUL | PT | A | 1 | HM | WLD | PT | A | 1 | N/A | N/A |
| D102 | RAILCAR | 50x5000x7000 | O/H | 3 | METAL | INSUL | PREFIN | B | AS PER MANUFACTURER | | | | N/A | N/A | OVERHEAD DOOR | |

| FINISH SCHEDULE | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|-----------|----------|--------|------|-----|-------|--------|--------|-----|--------|--------|------|--------|---------|-----|-----|----------|-------|--------|--------|------|--|
| ROOM NO | ROOM NAME | FLOOR | | | | WALLS | | | | | | | | CEILING | | | COMMENTS | | | | | |
| | | FLOORING | | BASE | | NORTH | | EAST | | SOUTH | | WEST | | CEILING | | HGT | | AFF | | | | |
| | | MAT | COLOUR | MAT | COL | MAT | FINISH | COLOUR | MAT | FINISH | COLOUR | MAT | FINISH | COLOUR | MAT | | | | FINISH | COLOUR | | |
| 101 | RAILCAR | CONC | A | N/A | A | CB | PT | C | CB | PT | C | CB | PT | C | CB | PT | C | METAL | - | BLACK | 8000 | |

HARDWARE SCHEDULE

| GROUP | ROOM | ITEM | QTY | DESCRIPTION | MANUFACTURER | QTY | DESCRIPTION | |
|---------|-------|---------------------|--------------|------------------|--------------|-------------------------|-------------|--|
| GROUP 1 | D101A | 3 | BUTT HINGES | TA 314 4-1/2"x4" | NRP | McKINNEY | 26D | |
| | | 1 | LOCKSET | AU5407 x ASA | | YALE (WITHOUT CYLINDER) | 26D | |
| | | 1 | WALL STOP | S122 | | STANDARD METAL | 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 | 4041 | | LCN | 689 | |
| GROUP 2 | D101B | 3 | BUTT HINGES | TA 314 4-1/2"x4" | NRP | McKINNEY | 26D | |
| | | 1 | EXIT DEVICE | 98EO | | VON DUPRIN | 626 | |
| | | 1 | WALL STOP | S122 | | STANDARD METAL | 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 | 4041 | | LCN | 689 | |
| GROUP 3 | D102 | AS PER MANUFACTURER | | | | | | |

CODE ANALYSIS

OCTOBER 27, 2005

NORTH END WINNIPEG WATER POLLUTION CONTROL CENTRE
2230 MAIN STREET
WINNIPEG, MANITOBA
R2V 4T8

NEW RAILCAR BUILDING BUILDING CODE ANALYSIS

1.0 DESCRIPTION

- BUILDING AREA: 177.0 M2 (1,904.52 SF) TOTAL AREA.
- STORIES: (1)
- SPRINKLERED: NO
- OCCUPANCY TYPE: GROUP F, DIVISION 3
- OCCUPANT LOAD: 0 (1 INTERMITTANT)
- STREETS: (1)

2.0 REGULATION

1. THIS PROJECT MAY BE REGULATED UNDER 3.2.2.80., GROUP F, DIVISION 3, ONE STOREY

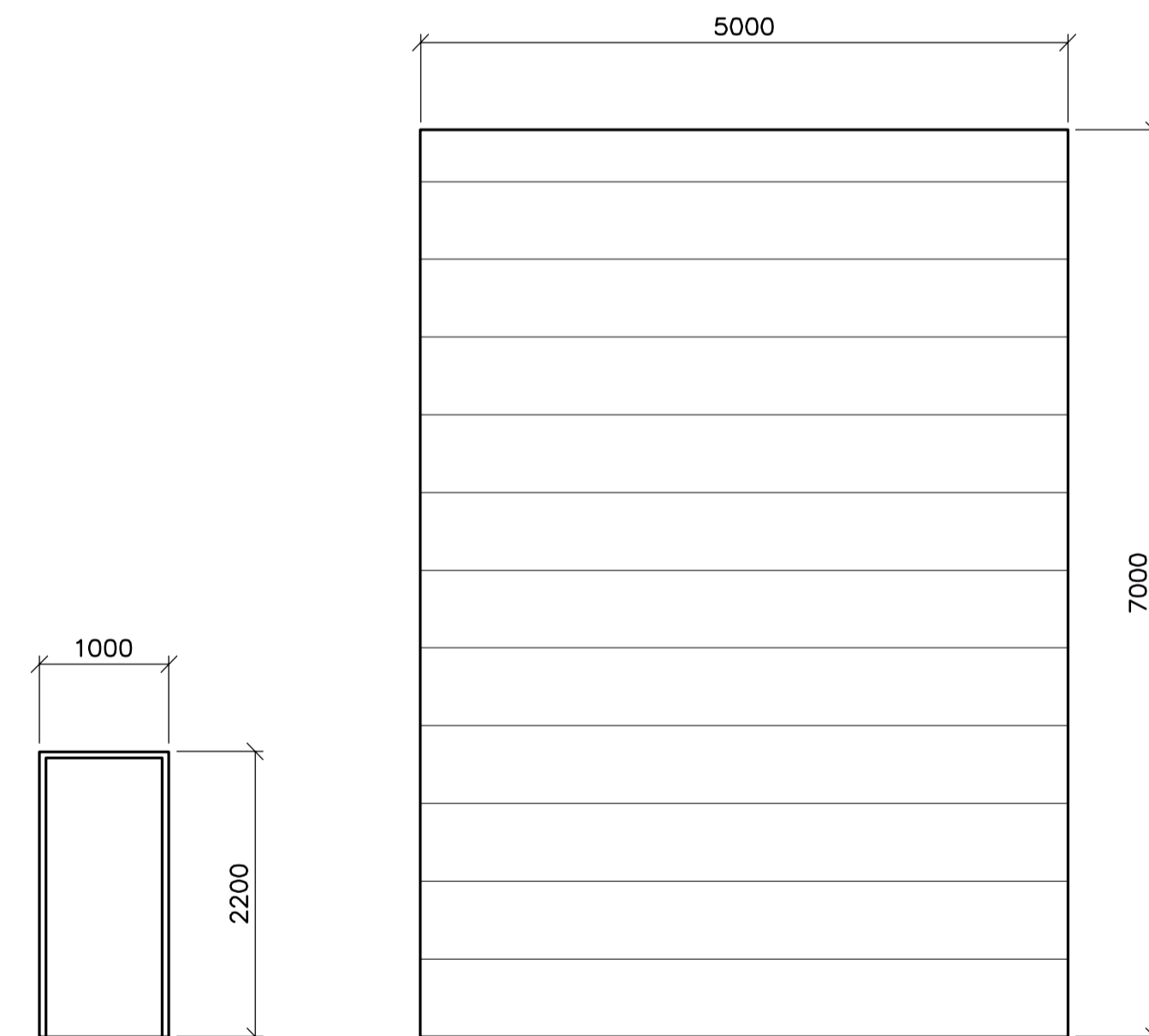
CLASSIFICATION

- REQUIREMENTS:
 - ≤ 5,600 M2 (60,256 SF) BUILDING AREA (CONFORMS: 177.0 M2)
 - ≤ (1) STORIES (CONFORMS: 1)
 - UNSPRINKLERED (CONFORMS)
 - TYPE F-3 OCCUPANCY (CONFORMS)
 - (1) STREET (CONFORMS)

- STIPULATIONS:
 - MAY BE HEAVY-TIMBER OR NON-COMBUSTIBLE CONSTRUCTION

3.0 GENERAL CONFORMANCE

- 3.4.2.5 - TRAVEL DISTANCE: RAILCAR BUILDING
 - 1. MAXIMUM TRAVEL DISTANCE TO AN EXIT IS 30 M (98') (CONFORMS: MAX. TRAVEL OF 13.5 M)
- 3.4.2.1 - NUMBER OF EXITS: RAILCAR BUILDING
 - 1. (1) EXIT IS REQUIRED (< 200 M2) (CONFORMS: 2 PROVIDED)
- 3.2.3.1 - LIMITING DISTANCE
 - 1. NO ISSUES



TYPE 1 TYPE 2

DOOR TYPES
SCALE 1:50

THERMALLY BROKEN FRAME

TYPE 1
FRAME TYPES
SCALE 1:10

| B.M. ELEV. | DATE | BY | DATE | BY |
|------------|---------------------|------|------------|------|
| | 06/01/13 | LK | 05/12/2 | LK |
| 01 | 611-2005 ADDENDUM 1 | | 2005/10/07 | |
| 00 | ISSUED FOR TENDER | | 05/12/2 | LK |
| NO. | REVISIONS | DATE | BY | DATE |

EarthTech
A Tyco International Ltd. Company

| | |
|------------------|--|
| DESIGNED BY: NC | CHECKED BY: NC |
| DRAWN BY: LK | APPROVED BY: D. TANIGUCHI |
| SCALE: AS SHOWN | RELEASED FOR CONSTRUCTION BY: K. MARTENS |
| DATE: 2005/10/07 | DATE: 05/12/02 |

ENGINEER'S SEAL
PROVINCE OF MANITOBA
NEIL COOPER
REGISTERED ARCHITECT
No. 090

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

NEWPCC CENTRATE NUTRIENT TREATMENT PHOSPHORUS REMOVAL FACILITY
CONTRACT No. 1

ARCHITECTURAL RAILCAR BUILDING
ROOF, MAIN FLOOR, & CEILING PLANS & SCHEDULES

CITY FILE NUMBER
SHEET 1 OF 4
CITY DRAWING NUMBER
1-0101F-A-B0001-001-01-D

