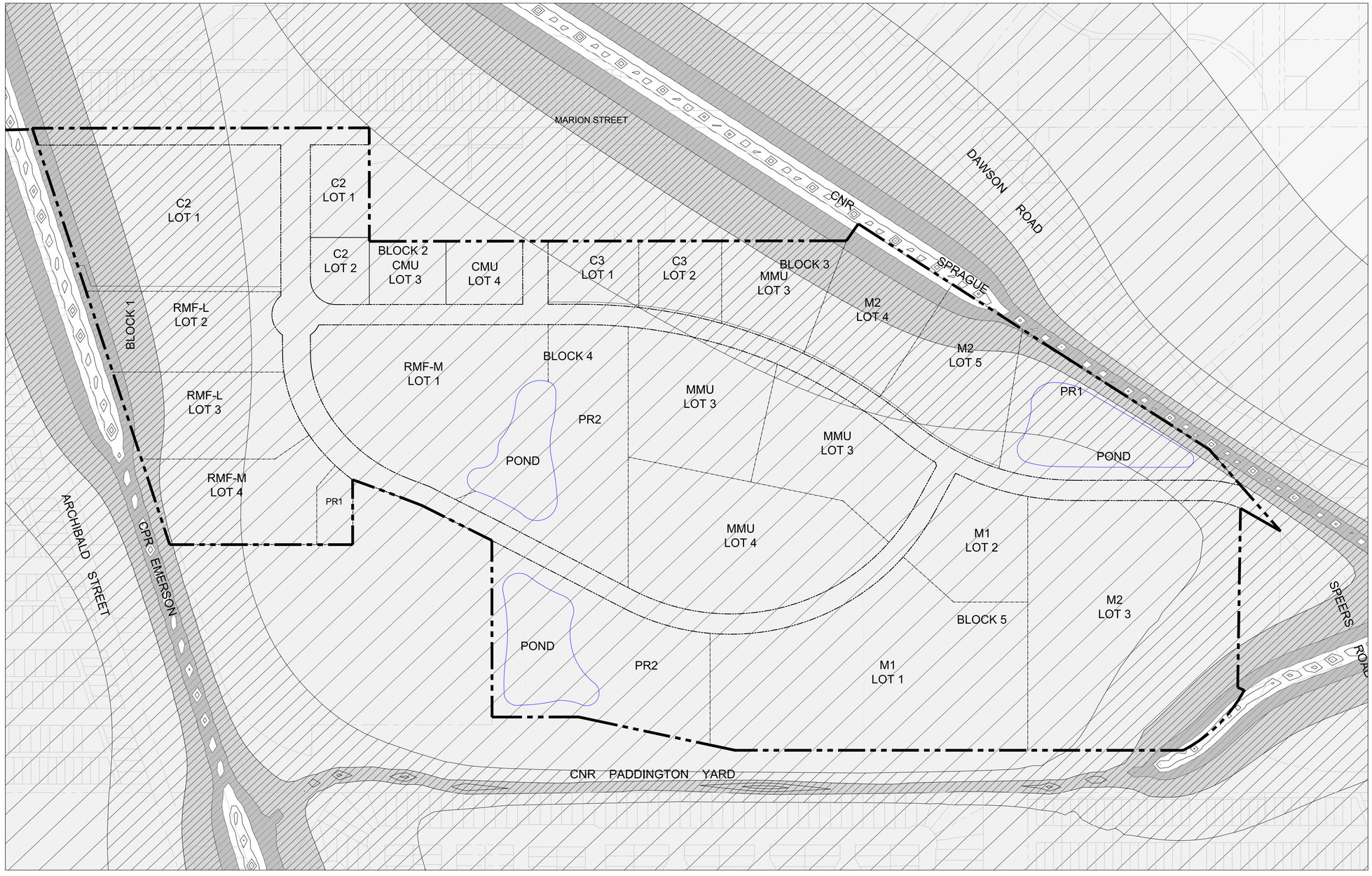

RAIL TRAFFIC NOISE IMPACT AREA
(WORST-CASE DAY TIME LEVELS)

LEVEL 1 No noise control measures required.
See IOC

LEVEL 2 No noise control measures required.
See IOC

LEVEL 3 Noise control measures recommended.
See NCM 1, 3, and 4.
See IOC

LEVEL 4 Noise control measures recommended.
See NCM 2, 3, 4, and 5.
See IOC

NOISE CONTROL MEASURES (NCM) Apply to residential locations only.

1. Upgraded Glazing Area Level 3 10 Storey highrise, facades with direct line of sight to rail/sleeping quarters STC-31, living/dining rooms STC-30
2. Upgraded Glazing Area Level 4 10 storey high rise, facades with direct line of sight to rail line, sleeping quarters STC-34, living/dining rooms STC-33
3. Non-glazing facade construction requirements acoustical equivalent of STC 54 (Brick veneer or upgraded facade construction)
4. Installation of central air conditioning
5. City of Winnipeg standard 2.5m height berm (with 2.0m height wood screen fence along top of berm) should be provided along the shared property line between residential and the CP Emerson Line to address potential noise concerns in outdoor living areas in Level 4 noise areas.

INDUSTRIAL ODOUR CONTROL MEASURES (IOC)

1. Required for all residential locations
2. Installation of central air conditioning and inclusion of warning clause regarding the potential for odour emanating from existing industrial land uses outside the planning area.

PUBLIC MARKETS (MRS D)
EXHIBIT 1 - RAIL TRAFFIC NOISE CONTROL MEASURES

JANUARY 2021
SCALE 1:2000

