**Building Code Matrix**For use in Part 3 and complex Part 9 builds

Southwest New Brunswick Service Commission

|  |  |  |  |
| --- | --- | --- | --- |
| Item | Detail | Code reference | |
| Part 3 | Part 9 |
| Occupancy classifications |  |  |  |
| Building area |  |  |  |
| Storeys |  |  |  |
| Building  Classification |  |  |  |
| Construction  Details and  requirements | |  |  |  |  | | --- | --- | --- | --- | | Element | Required? (Y/N) |  |  | | Sprinklers |  |  |  | | Standpipe |  |  |  | | Alarm |  |  |  | | Non-combustible required |  |  |  | | | |
| Required FRR | |  |  | | --- | --- | | Floors |  | | Mezzanine |  | | Roof |  | | Loadbearing elements |  | |  |  |
| # of streets/ access routes |  |  |  |
| Occupant load | |  |  | | --- | --- | | Total (all floors) |  | | Basement |  | | First floor |  | | Second Floor |  | | Third Floor |  | |  |  |

Spatial separation calculations

NOTE: *In many areas of RSC 10, fire department response is often more than 10 min more than 10% of the time. Accordingly, if any storey of the building is not sprinklered, limiting distance may need to be halved for all calculations. [3.2.3.1(8) or 9.10.15.3]*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Building face | Limiting distance | Exposed building face area | Non-combustible wall required? | Wall FRR | Cladding type |
| N |  |  |  |  |  |
| E |  |  |  |  |  |
| S |  |  |  |  |  |
| W |  |  |  |  |  |

Egress and exits

|  |  |  |  |
| --- | --- | --- | --- |
|  |  | Part 3 | Part 9 |
| Total exits |  |  |  |
| Exit capacity |  |  |  |
| Travel distance to exit |  |  |  |
| Exit signs required | (Y/N) |  |  |

Interior fire separations (Includes janitor’s closets, etc.)

|  |  |  |  |
| --- | --- | --- | --- |
| Room or area | FRR required | Part 3 | Part 9 |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

Other

|  |  |  |  |
| --- | --- | --- | --- |
| Bathrooms | Female:  Male: |  |  |

Barrier-free required (Y/N): \_\_\_\_

NECB applies (Y/N): \_\_\_\_\_