

## DISEÑO DE COLUMNAS PROPUESTA 3

| Story  | Label | Unique Name | Design Section | Station cm | Design/Chec k | PMM Combo | As,min cm <sup>2</sup> | As cm <sup>2</sup> | V Major Combo | At V Major cm <sup>2</sup> /cm | V Minor Combo | At V Minor cm <sup>2</sup> /cm |
|--------|-------|-------------|----------------|------------|---------------|-----------|------------------------|--------------------|---------------|--------------------------------|---------------|--------------------------------|
| Story3 | C1    | 32          | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,038                          | B.2.4-7h      | 0,038                          |
| Story3 | C1    | 32          | Col 45x45      | 122,5      | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,038                          | B.2.4-7h      | 0,038                          |
| Story3 | C1    | 32          | Col 45x45      | 245        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,038                          | B.2.4-7h      | 0,038                          |
| Story3 | C2    | 33          | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,038                          |
| Story3 | C2    | 33          | Col 45x45      | 122,5      | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,038                          |
| Story3 | C2    | 33          | Col 45x45      | 245        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,038                          |
| Story3 | C3    | 63          | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,058                          |
| Story3 | C3    | 63          | Col 45x45      | 122,5      | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,058                          |
| Story3 | C3    | 63          | Col 45x45      | 245        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,058                          |
| Story3 | C4    | 79          | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,058                          |
| Story3 | C4    | 79          | Col 45x45      | 122,5      | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,058                          |
| Story3 | C4    | 79          | Col 45x45      | 245        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,058                          |
| Story3 | C5    | 80          | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,038                          |
| Story3 | C5    | 80          | Col 45x45      | 122,5      | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,038                          |
| Story3 | C5    | 80          | Col 45x45      | 245        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,038                          |
| Story3 | C6    | 166         | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,038                          |
| Story3 | C6    | 166         | Col 45x45      | 122,5      | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,038                          |
| Story3 | C6    | 166         | Col 45x45      | 245        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,038                          |
| Story3 | C7    | 177         | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,058                          |
| Story3 | C7    | 177         | Col 45x45      | 122,5      | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,058                          |
| Story3 | C7    | 177         | Col 45x45      | 245        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,058                          |
| Story3 | C8    | 178         | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,058                          |
| Story3 | C8    | 178         | Col 45x45      | 122,5      | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,058                          |
| Story3 | C8    | 178         | Col 45x45      | 245        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,058                          |
| Story3 | C9    | 179         | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,038                          |
| Story3 | C9    | 179         | Col 45x45      | 122,5      | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,038                          |
| Story3 | C9    | 179         | Col 45x45      | 245        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,038                          |
| Story3 | C10   | 183         | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,038                          |
| Story3 | C10   | 183         | Col 45x45      | 122,5      | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,038                          |

DISEÑO ESTRUCTURAL HOTEL VILLAVICENCIO

| Story  | Label | Unique Name | Design Section | Station cm | Design/Chec k | PMM Combo | As,min cm <sup>2</sup> | As cm <sup>2</sup> | V Major Combo | At V Major cm <sup>2</sup> /cm | V Minor Combo | At V Minor cm <sup>2</sup> /cm |
|--------|-------|-------------|----------------|------------|---------------|-----------|------------------------|--------------------|---------------|--------------------------------|---------------|--------------------------------|
| Story3 | C10   | 183         | Col 45x45      | 245        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,038                          |
| Story3 | C11   | 190         | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,058                          |
| Story3 | C11   | 190         | Col 45x45      | 122,5      | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,058                          |
| Story3 | C11   | 190         | Col 45x45      | 245        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,058                          |
| Story3 | C12   | 207         | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,038                          |
| Story3 | C12   | 207         | Col 45x45      | 122,5      | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,038                          |
| Story3 | C12   | 207         | Col 45x45      | 245        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,038                          |
| Story3 | C13   | 214         | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,038                          |
| Story3 | C13   | 214         | Col 45x45      | 122,5      | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,038                          |
| Story3 | C13   | 214         | Col 45x45      | 245        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,038                          |
| Story3 | C14   | 223         | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,058                          |
| Story3 | C14   | 223         | Col 45x45      | 122,5      | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,058                          |
| Story3 | C14   | 223         | Col 45x45      | 245        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,058                          |
| Story3 | C15   | 224         | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,058                          |
| Story3 | C15   | 224         | Col 45x45      | 122,5      | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,058                          |
| Story3 | C15   | 224         | Col 45x45      | 245        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,058                          |
| Story3 | C16   | 225         | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,038                          |
| Story3 | C16   | 225         | Col 45x45      | 122,5      | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,038                          |
| Story3 | C16   | 225         | Col 45x45      | 245        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,038                          |
| Story3 | C17   | 227         | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,038                          |
| Story3 | C17   | 227         | Col 45x45      | 122,5      | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,038                          |
| Story3 | C17   | 227         | Col 45x45      | 245        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,038                          |
| Story3 | C18   | 229         | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,058                          |
| Story3 | C18   | 229         | Col 45x45      | 122,5      | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,058                          |
| Story3 | C18   | 229         | Col 45x45      | 245        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,058                          |
| Story3 | C19   | 238         | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,058                          |
| Story3 | C19   | 238         | Col 45x45      | 122,5      | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,058                          |
| Story3 | C19   | 238         | Col 45x45      | 245        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,058                          |
| Story3 | C20   | 239         | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,038                          |
| Story3 | C20   | 239         | Col 45x45      | 122,5      | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,038                          |
| Story3 | C20   | 239         | Col 45x45      | 245        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,038                          |

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| Story  | Label | Unique Name | Design Section | Station cm | Design/Chec k | PMM Combo | As,min cm <sup>2</sup> | As cm <sup>2</sup> | V Major Combo | At V Major cm <sup>2</sup> /cm | V Minor Combo | At V Minor cm <sup>2</sup> /cm |
|--------|-------|-------------|----------------|------------|---------------|-----------|------------------------|--------------------|---------------|--------------------------------|---------------|--------------------------------|
| Story3 | C22   | 240         | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,038                          | B.2.4-7h      | 0,038                          |
| Story3 | C22   | 240         | Col 45x45      | 122,5      | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,038                          | B.2.4-7h      | 0,038                          |
| Story3 | C22   | 240         | Col 45x45      | 245        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,038                          | B.2.4-7h      | 0,038                          |
| Story3 | C23   | 292         | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,038                          | B.2.4-7h      | 0,058                          |
| Story3 | C23   | 292         | Col 45x45      | 122,5      | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,038                          | B.2.4-7h      | 0,058                          |
| Story3 | C23   | 292         | Col 45x45      | 245        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,038                          | B.2.4-7h      | 0,058                          |
| Story3 | C24   | 294         | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,058                          |
| Story3 | C24   | 294         | Col 45x45      | 122,5      | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,058                          |
| Story3 | C24   | 294         | Col 45x45      | 245        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,058                          |
| Story3 | C25   | 299         | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,058                          |
| Story3 | C25   | 299         | Col 45x45      | 122,5      | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,058                          |
| Story3 | C25   | 299         | Col 45x45      | 245        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,058                          |
| Story3 | C26   | 300         | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,058                          |
| Story3 | C26   | 300         | Col 45x45      | 122,5      | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,058                          |
| Story3 | C26   | 300         | Col 45x45      | 245        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,058                          |
| Story3 | C27   | 301         | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,038                          |
| Story3 | C27   | 301         | Col 45x45      | 122,5      | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,038                          |
| Story3 | C27   | 301         | Col 45x45      | 245        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,038                          |
| Story3 | C28   | 302         | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,058                          |
| Story3 | C28   | 302         | Col 45x45      | 122,5      | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,058                          |
| Story3 | C28   | 302         | Col 45x45      | 245        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,058                          |
| Story3 | C29   | 303         | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,058                          |
| Story3 | C29   | 303         | Col 45x45      | 122,5      | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,058                          |
| Story3 | C29   | 303         | Col 45x45      | 245        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,058                          |
| Story3 | C30   | 304         | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,058                          |
| Story3 | C30   | 304         | Col 45x45      | 122,5      | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,058                          |
| Story3 | C30   | 304         | Col 45x45      | 245        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,058                          |
| Story3 | C31   | 305         | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,064                          | B.2.4-7h      | 0,057                          |
| Story3 | C31   | 305         | Col 45x45      | 122,5      | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,064                          | B.2.4-7h      | 0,057                          |
| Story3 | C31   | 305         | Col 45x45      | 245        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,064                          | B.2.4-7h      | 0,057                          |
| Story3 | C36   | 307         | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,064                          | B.2.4-7h      | 0,057                          |

DISEÑO ESTRUCTURAL HOTEL VILLAVICENCIO

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|--------|-------|-------------|----------------|------------|---------------|-----------|------------------------|--------------------|---------------|--------------------------------|---------------|--------------------------------|
| Story3 | C36   | 307         | Col 45x45      | 122,5      | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,064                          | B.2.4-7h      | 0,057                          |
| Story3 | C36   | 307         | Col 45x45      | 245        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,064                          | B.2.4-7h      | 0,057                          |
| Story3 | C37   | 308         | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,038                          |
| Story3 | C37   | 308         | Col 45x45      | 122,5      | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,038                          |
| Story3 | C37   | 308         | Col 45x45      | 245        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,038                          |
| Story3 | C40   | 310         | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,065                          | B.2.4-7h      | 0,057                          |
| Story3 | C40   | 310         | Col 45x45      | 122,5      | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,065                          | B.2.4-7h      | 0,057                          |
| Story3 | C40   | 310         | Col 45x45      | 245        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,065                          | B.2.4-7h      | 0,057                          |
| Story3 | C41   | 311         | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,038                          |
| Story3 | C41   | 311         | Col 45x45      | 122,5      | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,038                          |
| Story3 | C41   | 311         | Col 45x45      | 245        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,038                          |
| Story3 | C42   | 312         | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,058                          |
| Story3 | C42   | 312         | Col 45x45      | 122,5      | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,058                          |
| Story3 | C42   | 312         | Col 45x45      | 245        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,058                          |
| Story3 | C43   | 313         | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,058                          |
| Story3 | C43   | 313         | Col 45x45      | 122,5      | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,058                          |
| Story3 | C43   | 313         | Col 45x45      | 245        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,058                          |
| Story3 | C44   | 314         | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,058                          |
| Story3 | C44   | 314         | Col 45x45      | 122,5      | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,058                          |
| Story3 | C44   | 314         | Col 45x45      | 245        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,058                          | B.2.4-7h      | 0,058                          |
| Story3 | C46   | 315         | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,038                          | B.2.4-7h      | 0,038                          |
| Story3 | C46   | 315         | Col 45x45      | 122,5      | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,038                          | B.2.4-7h      | 0,038                          |
| Story3 | C46   | 315         | Col 45x45      | 245        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,038                          | B.2.4-7h      | 0,038                          |
| Story3 | C47   | 316         | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,038                          | B.2.4-7h      | 0,058                          |
| Story3 | C47   | 316         | Col 45x45      | 122,5      | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,038                          | B.2.4-7h      | 0,058                          |
| Story3 | C47   | 316         | Col 45x45      | 245        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,038                          | B.2.4-7h      | 0,058                          |
| Story3 | C48   | 317         | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,038                          | B.2.4-7h      | 0,058                          |
| Story3 | C48   | 317         | Col 45x45      | 122,5      | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,038                          | B.2.4-7h      | 0,058                          |
| Story3 | C48   | 317         | Col 45x45      | 245        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,038                          | B.2.4-7h      | 0,058                          |
| Story3 | C49   | 318         | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,038                          | B.2.4-7h      | 0,058                          |
| Story3 | C49   | 318         | Col 45x45      | 122,5      | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,038                          | B.2.4-7h      | 0,058                          |

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| Story  | Label | Unique Name | Design Section | Station cm | Design/Chec k | PMM Combo | As,min cm <sup>2</sup> | As cm <sup>2</sup> | V Major Combo | At V Major cm <sup>2</sup> /cm | V Minor Combo | At V Minor cm <sup>2</sup> /cm |
|--------|-------|-------------|----------------|------------|---------------|-----------|------------------------|--------------------|---------------|--------------------------------|---------------|--------------------------------|
| Story3 | C49   | 318         | Col 45x45      | 245        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,038                          | B.2.4-7h      | 0,058                          |
| Story3 | C50   | 319         | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,038                          | B.2.4-7h      | 0,058                          |
| Story3 | C50   | 319         | Col 45x45      | 122,5      | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,038                          | B.2.4-7h      | 0,058                          |
| Story3 | C50   | 319         | Col 45x45      | 245        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,038                          | B.2.4-7h      | 0,058                          |
| Story3 | C51   | 320         | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,038                          | B.2.4-7h      | 0,038                          |
| Story3 | C51   | 320         | Col 45x45      | 122,5      | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,038                          | B.2.4-7h      | 0,038                          |
| Story3 | C51   | 320         | Col 45x45      | 245        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,038                          | B.2.4-7h      | 0,038                          |
| Story3 | C54   | 398         | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,065                          | B.2.4-7h      | 0,057                          |
| Story3 | C54   | 398         | Col 45x45      | 122,5      | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,065                          | B.2.4-7h      | 0,057                          |
| Story3 | C54   | 398         | Col 45x45      | 245        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,065                          | B.2.4-7h      | 0,057                          |
| Story3 | C32   | 345         | Col 30x30      | 0          | Design        | B.2.4-7h  | 9                      | 9                  | B.2.4-7h      | 0,047                          | B.2.4-5d      | 0,061                          |
| Story3 | C32   | 345         | Col 30x30      | 122,5      | Design        | B.2.4-7h  | 9                      | 9                  | B.2.4-7h      | 0,047                          | B.2.4-5d      | 0,06                           |
| Story3 | C32   | 345         | Col 30x30      | 245        | Design        | B.2.4-7h  | 9                      | 9                  | B.2.4-7h      | 0,047                          | B.2.4-5d      | 0,06                           |
| Story3 | C33   | 397         | Col 30x30      | 0          | Design        | B.2.4-7h  | 9                      | 9                  | B.2.4-7h      | 0,047                          | B.2.4-5d      | 0,061                          |
| Story3 | C33   | 397         | Col 30x30      | 122,5      | Design        | B.2.4-7h  | 9                      | 9                  | B.2.4-7h      | 0,047                          | B.2.4-5d      | 0,061                          |
| Story3 | C33   | 397         | Col 30x30      | 245        | Design        | B.2.4-7h  | 9                      | 9                  | B.2.4-7h      | 0,047                          | B.2.4-5d      | 0,06                           |
| Story3 | C55   | 422         | Col 30x30      | 0          | Design        | B.2.4-7h  | 9                      | 9                  | B.2.4-7h      | 0,047                          | B.2.4-7h      | 0,047                          |
| Story3 | C55   | 422         | Col 30x30      | 122,5      | Design        | B.2.4-7h  | 9                      | 9                  | B.2.4-7h      | 0,047                          | B.2.4-7h      | 0,047                          |
| Story3 | C55   | 422         | Col 30x30      | 245        | Design        | B.2.4-7h  | 9                      | 9                  | B.2.4-7h      | 0,047                          | B.2.4-7h      | 0,047                          |
| Story2 | C1    | 92          | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,044                          | B.2.4-5h      | 0,04                           |
| Story2 | C1    | 92          | Col 45x45      | 115        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,044                          | B.2.4-5h      | 0,04                           |
| Story2 | C1    | 92          | Col 45x45      | 230        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,044                          | B.2.4-5h      | 0,04                           |
| Story2 | C2    | 109         | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,05                           | B.2.4-5h      | 0,049                          |
| Story2 | C2    | 109         | Col 45x45      | 115        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,05                           | B.2.4-5h      | 0,049                          |
| Story2 | C2    | 109         | Col 45x45      | 230        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,05                           | B.2.4-5h      | 0,049                          |
| Story2 | C3    | 137         | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,048                          | B.2.4-5h      | 0,081                          |
| Story2 | C3    | 137         | Col 45x45      | 115        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,048                          | B.2.4-5h      | 0,081                          |
| Story2 | C3    | 137         | Col 45x45      | 230        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,048                          | B.2.4-5h      | 0,081                          |
| Story2 | C4    | 149         | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,048                          | B.2.4-5h      | 0,08                           |
| Story2 | C4    | 149         | Col 45x45      | 115        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,048                          | B.2.4-5h      | 0,08                           |
| Story2 | C4    | 149         | Col 45x45      | 230        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,048                          | B.2.4-5h      | 0,08                           |

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| Story  | Label | Unique Name | Design Section | Station cm | Design/Chec k | PMM Combo | As,min cm <sup>2</sup> | As cm <sup>2</sup> | V Major Combo | At V Major cm <sup>2</sup> /cm | V Minor Combo | At V Minor cm <sup>2</sup> /cm |
|--------|-------|-------------|----------------|------------|---------------|-----------|------------------------|--------------------|---------------|--------------------------------|---------------|--------------------------------|
| Story2 | C5    | 150         | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,049                          | B.2.4-5h      | 0,049                          |
| Story2 | C5    | 150         | Col 45x45      | 115        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,049                          | B.2.4-5h      | 0,049                          |
| Story2 | C5    | 150         | Col 45x45      | 230        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,049                          | B.2.4-5h      | 0,049                          |
| Story2 | C6    | 151         | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,048                          | B.2.4-5h      | 0,045                          |
| Story2 | C6    | 151         | Col 45x45      | 115        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,048                          | B.2.4-5h      | 0,045                          |
| Story2 | C6    | 151         | Col 45x45      | 230        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,048                          | B.2.4-5h      | 0,045                          |
| Story2 | C7    | 152         | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,047                          | B.2.4-5h      | 0,075                          |
| Story2 | C7    | 152         | Col 45x45      | 115        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,047                          | B.2.4-5h      | 0,075                          |
| Story2 | C7    | 152         | Col 45x45      | 230        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,047                          | B.2.4-5h      | 0,075                          |
| Story2 | C8    | 153         | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,048                          | B.2.4-5h      | 0,07                           |
| Story2 | C8    | 153         | Col 45x45      | 115        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,048                          | B.2.4-5h      | 0,07                           |
| Story2 | C8    | 153         | Col 45x45      | 230        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,048                          | B.2.4-5h      | 0,07                           |
| Story2 | C9    | 154         | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,038                          | B.2.4-5h      | 0,047                          |
| Story2 | C9    | 154         | Col 45x45      | 115        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,038                          | B.2.4-5h      | 0,047                          |
| Story2 | C9    | 154         | Col 45x45      | 230        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,038                          | B.2.4-5h      | 0,047                          |
| Story2 | C10   | 155         | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,049                          | B.2.4-5h      | 0,043                          |
| Story2 | C10   | 155         | Col 45x45      | 115        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,049                          | B.2.4-5h      | 0,043                          |
| Story2 | C10   | 155         | Col 45x45      | 230        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,049                          | B.2.4-5h      | 0,043                          |
| Story2 | C11   | 156         | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,049                          | B.2.4-5h      | 0,072                          |
| Story2 | C11   | 156         | Col 45x45      | 115        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,049                          | B.2.4-5h      | 0,072                          |
| Story2 | C11   | 156         | Col 45x45      | 230        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,049                          | B.2.4-5h      | 0,072                          |
| Story2 | C12   | 157         | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,05                           | B.2.4-7h      | 0,042                          |
| Story2 | C12   | 157         | Col 45x45      | 115        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,05                           | B.2.4-7h      | 0,042                          |
| Story2 | C12   | 157         | Col 45x45      | 230        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,05                           | B.2.4-7h      | 0,042                          |
| Story2 | C13   | 158         | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,041                          | B.2.4-5h      | 0,042                          |
| Story2 | C13   | 158         | Col 45x45      | 115        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,041                          | B.2.4-5h      | 0,042                          |
| Story2 | C13   | 158         | Col 45x45      | 230        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,041                          | B.2.4-5h      | 0,042                          |
| Story2 | C14   | 159         | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,041                          | B.2.4-5h      | 0,072                          |
| Story2 | C14   | 159         | Col 45x45      | 115        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,041                          | B.2.4-5h      | 0,072                          |
| Story2 | C14   | 159         | Col 45x45      | 230        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,041                          | B.2.4-5h      | 0,072                          |
| Story2 | C15   | 160         | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7d      | 0,041                          | B.2.4-5h      | 0,068                          |

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| Story  | Label | Unique Name | Design Section | Station cm | Design/Chec k | PMM Combo | As,min cm <sup>2</sup> | As cm <sup>2</sup> | V Major Combo | At V Major cm <sup>2</sup> /cm | V Minor Combo | At V Minor cm <sup>2</sup> /cm |
|--------|-------|-------------|----------------|------------|---------------|-----------|------------------------|--------------------|---------------|--------------------------------|---------------|--------------------------------|
| Story2 | C15   | 160         | Col 45x45      | 115        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7d      | 0,041                          | B.2.4-5h      | 0,068                          |
| Story2 | C15   | 160         | Col 45x45      | 230        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,041                          | B.2.4-5h      | 0,068                          |
| Story2 | C16   | 161         | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,04                           | B.2.4-5h      | 0,043                          |
| Story2 | C16   | 161         | Col 45x45      | 115        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,04                           | B.2.4-5h      | 0,043                          |
| Story2 | C16   | 161         | Col 45x45      | 230        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,04                           | B.2.4-5h      | 0,043                          |
| Story2 | C17   | 162         | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,041                          | B.2.4-5h      | 0,04                           |
| Story2 | C17   | 162         | Col 45x45      | 115        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,041                          | B.2.4-5h      | 0,04                           |
| Story2 | C17   | 162         | Col 45x45      | 230        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,041                          | B.2.4-5h      | 0,04                           |
| Story2 | C18   | 163         | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,041                          | B.2.4-5h      | 0,069                          |
| Story2 | C18   | 163         | Col 45x45      | 115        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,041                          | B.2.4-5h      | 0,069                          |
| Story2 | C18   | 163         | Col 45x45      | 230        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,041                          | B.2.4-5h      | 0,069                          |
| Story2 | C19   | 164         | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,041                          | B.2.4-5h      | 0,067                          |
| Story2 | C19   | 164         | Col 45x45      | 115        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,041                          | B.2.4-5h      | 0,067                          |
| Story2 | C19   | 164         | Col 45x45      | 230        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,041                          | B.2.4-5h      | 0,067                          |
| Story2 | C20   | 165         | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,042                          | B.2.4-5h      | 0,039                          |
| Story2 | C20   | 165         | Col 45x45      | 115        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,042                          | B.2.4-5h      | 0,039                          |
| Story2 | C20   | 165         | Col 45x45      | 230        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,042                          | B.2.4-5h      | 0,039                          |
| Story2 | C22   | 167         | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,038                          | B.2.4-5h      | 0,038                          |
| Story2 | C22   | 167         | Col 45x45      | 115        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,038                          | B.2.4-5h      | 0,038                          |
| Story2 | C22   | 167         | Col 45x45      | 230        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,038                          | B.2.4-5h      | 0,038                          |
| Story2 | C23   | 168         | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,038                          | B.2.4-7h      | 0,055                          |
| Story2 | C23   | 168         | Col 45x45      | 115        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,038                          | B.2.4-7h      | 0,055                          |
| Story2 | C23   | 168         | Col 45x45      | 230        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,038                          | B.2.4-7h      | 0,055                          |
| Story2 | C24   | 169         | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7d      | 0,044                          | B.2.4-5h      | 0,058                          |
| Story2 | C24   | 169         | Col 45x45      | 115        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7d      | 0,044                          | B.2.4-5h      | 0,058                          |
| Story2 | C24   | 169         | Col 45x45      | 230        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7d      | 0,044                          | B.2.4-5h      | 0,058                          |
| Story2 | C25   | 170         | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,045                          | B.2.4-5h      | 0,067                          |
| Story2 | C25   | 170         | Col 45x45      | 115        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,045                          | B.2.4-5h      | 0,067                          |
| Story2 | C25   | 170         | Col 45x45      | 230        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,045                          | B.2.4-5h      | 0,067                          |
| Story2 | C26   | 171         | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,041                          | B.2.4-5h      | 0,065                          |
| Story2 | C26   | 171         | Col 45x45      | 115        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,041                          | B.2.4-5h      | 0,065                          |

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| Story  | Label | Unique Name | Design Section | Station<br>cm | Design/Chec<br>k | PMM<br>Combo | As,min<br>cm <sup>2</sup> | As<br>cm <sup>2</sup> | V Major<br>Combo | At V Major<br>cm <sup>2</sup> /cm | V Minor<br>Combo | At V Minor<br>cm <sup>2</sup> /cm |
|--------|-------|-------------|----------------|---------------|------------------|--------------|---------------------------|-----------------------|------------------|-----------------------------------|------------------|-----------------------------------|
| Story2 | C26   | 171         | Col 45x45      | 230           | Design           | B.2.4-7h     | 20,25                     | 20,25                 | B.2.4-5d         | 0,041                             | B.2.4-5h         | 0,065                             |
| Story2 | C27   | 172         | Col 45x45      | 0             | Design           | B.2.4-7h     | 20,25                     | 20,25                 | B.2.4-5d         | 0,041                             | B.2.4-5h         | 0,039                             |
| Story2 | C27   | 172         | Col 45x45      | 115           | Design           | B.2.4-7h     | 20,25                     | 20,25                 | B.2.4-5d         | 0,041                             | B.2.4-5h         | 0,039                             |
| Story2 | C27   | 172         | Col 45x45      | 230           | Design           | B.2.4-7h     | 20,25                     | 20,25                 | B.2.4-5d         | 0,041                             | B.2.4-5h         | 0,039                             |
| Story2 | C28   | 173         | Col 45x45      | 0             | Design           | B.2.4-7h     | 20,25                     | 20,25                 | B.2.4-5d         | 0,046                             | B.2.4-7h         | 0,045                             |
| Story2 | C28   | 173         | Col 45x45      | 115           | Design           | B.2.4-7h     | 20,25                     | 20,25                 | B.2.4-5d         | 0,046                             | B.2.4-7h         | 0,045                             |
| Story2 | C28   | 173         | Col 45x45      | 230           | Design           | B.2.4-7h     | 20,25                     | 20,25                 | B.2.4-5d         | 0,046                             | B.2.4-7h         | 0,045                             |
| Story2 | C29   | 174         | Col 45x45      | 0             | Design           | B.2.4-7h     | 20,25                     | 20,25                 | B.2.4-5d         | 0,05                              | B.2.4-5h         | 0,06                              |
| Story2 | C29   | 174         | Col 45x45      | 115           | Design           | B.2.4-7h     | 20,25                     | 20,25                 | B.2.4-5d         | 0,05                              | B.2.4-5h         | 0,06                              |
| Story2 | C29   | 174         | Col 45x45      | 230           | Design           | B.2.4-7h     | 20,25                     | 20,25                 | B.2.4-5d         | 0,05                              | B.2.4-5h         | 0,06                              |
| Story2 | C30   | 175         | Col 45x45      | 0             | Design           | B.2.4-7h     | 20,25                     | 20,25                 | B.2.4-5d         | 0,05                              | B.2.4-5h         | 0,056                             |
| Story2 | C30   | 175         | Col 45x45      | 115           | Design           | B.2.4-7h     | 20,25                     | 20,25                 | B.2.4-5d         | 0,05                              | B.2.4-5h         | 0,056                             |
| Story2 | C30   | 175         | Col 45x45      | 230           | Design           | B.2.4-7h     | 20,25                     | 20,25                 | B.2.4-5d         | 0,05                              | B.2.4-5h         | 0,056                             |
| Story2 | C31   | 176         | Col 45x45      | 0             | Design           | B.2.4-7h     | 20,25                     | 20,25                 | B.2.4-5d         | 0,052                             | B.2.4-5h         | 0,068                             |
| Story2 | C31   | 176         | Col 45x45      | 115           | Design           | B.2.4-7h     | 20,25                     | 20,25                 | B.2.4-5d         | 0,052                             | B.2.4-5h         | 0,068                             |
| Story2 | C31   | 176         | Col 45x45      | 230           | Design           | B.2.4-7h     | 20,25                     | 20,25                 | B.2.4-5d         | 0,052                             | B.2.4-5h         | 0,068                             |
| Story2 | C35   | 180         | Col 45x45      | 0             | Design           | B.2.4-7h     | 20,25                     | 20,25                 | B.2.4-7h         | 0,058                             | B.2.4-7h         | 0,038                             |
| Story2 | C35   | 180         | Col 45x45      | 122,5         | Design           | B.2.4-7h     | 20,25                     | 20,25                 | B.2.4-7h         | 0,058                             | B.2.4-7h         | 0,038                             |
| Story2 | C35   | 180         | Col 45x45      | 245           | Design           | B.2.4-7h     | 20,25                     | 20,25                 | B.2.4-7h         | 0,058                             | B.2.4-7h         | 0,038                             |
| Story2 | C36   | 181         | Col 45x45      | 0             | Design           | B.2.4-7h     | 20,25                     | 20,25                 | B.2.4-5d         | 0,053                             | B.2.4-5h         | 0,068                             |
| Story2 | C36   | 181         | Col 45x45      | 115           | Design           | B.2.4-7h     | 20,25                     | 20,25                 | B.2.4-5d         | 0,053                             | B.2.4-5h         | 0,068                             |
| Story2 | C36   | 181         | Col 45x45      | 230           | Design           | B.2.4-7h     | 20,25                     | 20,25                 | B.2.4-5d         | 0,053                             | B.2.4-5h         | 0,068                             |
| Story2 | C37   | 182         | Col 45x45      | 0             | Design           | B.2.4-7h     | 20,25                     | 20,25                 | B.2.4-5d         | 0,045                             | B.2.4-5h         | 0,039                             |
| Story2 | C37   | 182         | Col 45x45      | 115           | Design           | B.2.4-7h     | 20,25                     | 20,25                 | B.2.4-5d         | 0,045                             | B.2.4-5h         | 0,039                             |
| Story2 | C37   | 182         | Col 45x45      | 230           | Design           | B.2.4-7h     | 20,25                     | 20,25                 | B.2.4-5d         | 0,045                             | B.2.4-5h         | 0,039                             |
| Story2 | C39   | 184         | Col 45x45      | 0             | Design           | B.2.4-7h     | 20,25                     | 20,25                 | B.2.4-7h         | 0,058                             | B.2.4-7h         | 0,038                             |
| Story2 | C39   | 184         | Col 45x45      | 122,5         | Design           | B.2.4-7h     | 20,25                     | 20,25                 | B.2.4-7h         | 0,058                             | B.2.4-7h         | 0,038                             |
| Story2 | C39   | 184         | Col 45x45      | 245           | Design           | B.2.4-7h     | 20,25                     | 20,25                 | B.2.4-7h         | 0,058                             | B.2.4-7h         | 0,038                             |
| Story2 | C40   | 185         | Col 45x45      | 0             | Design           | B.2.4-7h     | 20,25                     | 20,25                 | B.2.4-5d         | 0,054                             | B.2.4-5h         | 0,071                             |
| Story2 | C40   | 185         | Col 45x45      | 115           | Design           | B.2.4-7h     | 20,25                     | 20,25                 | B.2.4-5d         | 0,054                             | B.2.4-5h         | 0,071                             |
| Story2 | C40   | 185         | Col 45x45      | 230           | Design           | B.2.4-7h     | 20,25                     | 20,25                 | B.2.4-5d         | 0,054                             | B.2.4-5h         | 0,071                             |



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| Story  | Label | Unique Name | Design Section | Station cm | Design/Chec k | PMM Combo | As,min cm <sup>2</sup> | As cm <sup>2</sup> | V Major Combo | At V Major cm <sup>2</sup> /cm | V Minor Combo | At V Minor cm <sup>2</sup> /cm |
|--------|-------|-------------|----------------|------------|---------------|-----------|------------------------|--------------------|---------------|--------------------------------|---------------|--------------------------------|
| Story2 | C41   | 186         | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,044                          | B.2.4-5h      | 0,04                           |
| Story2 | C41   | 186         | Col 45x45      | 115        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,044                          | B.2.4-5h      | 0,04                           |
| Story2 | C41   | 186         | Col 45x45      | 230        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,044                          | B.2.4-5h      | 0,04                           |
| Story2 | C42   | 187         | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,047                          | B.2.4-5h      | 0,048                          |
| Story2 | C42   | 187         | Col 45x45      | 115        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,047                          | B.2.4-5h      | 0,048                          |
| Story2 | C42   | 187         | Col 45x45      | 230        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,047                          | B.2.4-5h      | 0,048                          |
| Story2 | C43   | 188         | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,05                           | B.2.4-5h      | 0,063                          |
| Story2 | C43   | 188         | Col 45x45      | 115        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,05                           | B.2.4-5h      | 0,063                          |
| Story2 | C43   | 188         | Col 45x45      | 230        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,05                           | B.2.4-5h      | 0,063                          |
| Story2 | C44   | 189         | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,05                           | B.2.4-5h      | 0,059                          |
| Story2 | C44   | 189         | Col 45x45      | 115        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,05                           | B.2.4-5h      | 0,059                          |
| Story2 | C44   | 189         | Col 45x45      | 230        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,05                           | B.2.4-5h      | 0,059                          |
| Story2 | C46   | 191         | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,038                          | B.2.4-5h      | 0,043                          |
| Story2 | C46   | 191         | Col 45x45      | 115        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,038                          | B.2.4-5h      | 0,043                          |
| Story2 | C46   | 191         | Col 45x45      | 230        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,038                          | B.2.4-5h      | 0,043                          |
| Story2 | C47   | 192         | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,038                          | B.2.4-5h      | 0,059                          |
| Story2 | C47   | 192         | Col 45x45      | 115        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,038                          | B.2.4-5h      | 0,059                          |
| Story2 | C47   | 192         | Col 45x45      | 230        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,038                          | B.2.4-5h      | 0,059                          |
| Story2 | C48   | 193         | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,041                          | B.2.4-5h      | 0,062                          |
| Story2 | C48   | 193         | Col 45x45      | 115        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,041                          | B.2.4-5h      | 0,062                          |
| Story2 | C48   | 193         | Col 45x45      | 230        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,041                          | B.2.4-5h      | 0,062                          |
| Story2 | C49   | 194         | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,041                          | B.2.4-5h      | 0,063                          |
| Story2 | C49   | 194         | Col 45x45      | 115        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,041                          | B.2.4-5h      | 0,063                          |
| Story2 | C49   | 194         | Col 45x45      | 230        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,041                          | B.2.4-5h      | 0,063                          |
| Story2 | C50   | 195         | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,038                          | B.2.4-5h      | 0,061                          |
| Story2 | C50   | 195         | Col 45x45      | 115        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,038                          | B.2.4-5h      | 0,061                          |
| Story2 | C50   | 195         | Col 45x45      | 230        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,038                          | B.2.4-5h      | 0,061                          |
| Story2 | C51   | 196         | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,038                          | B.2.4-5h      | 0,04                           |
| Story2 | C51   | 196         | Col 45x45      | 115        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,038                          | B.2.4-5h      | 0,04                           |
| Story2 | C51   | 196         | Col 45x45      | 230        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,038                          | B.2.4-5h      | 0,04                           |
| Story2 | C54   | 284         | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,054                          | B.2.4-5h      | 0,073                          |

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| Story  | Label | Unique Name | Design Section | Station cm | Design/Chec k | PMM Combo | As,min cm <sup>2</sup> | As cm <sup>2</sup> | V Major Combo | At V Major cm <sup>2</sup> /cm | V Minor Combo | At V Minor cm <sup>2</sup> /cm |
|--------|-------|-------------|----------------|------------|---------------|-----------|------------------------|--------------------|---------------|--------------------------------|---------------|--------------------------------|
| Story2 | C54   | 284         | Col 45x45      | 115        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,054                          | B.2.4-5h      | 0,073                          |
| Story2 | C54   | 284         | Col 45x45      | 230        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,054                          | B.2.4-5h      | 0,073                          |
| Story2 | C32   | 322         | Col 30x30      | 0          | Design        | B.2.4-7h  | 9                      | 11,52              | B.2.4-5d      | 0,031                          | B.2.4-5h      | 0,066                          |
| Story2 | C32   | 322         | Col 30x30      | 115        | Design        | B.2.4-7h  | 9                      | 9                  | B.2.4-5d      | 0,031                          | B.2.4-5h      | 0,066                          |
| Story2 | C32   | 322         | Col 30x30      | 230        | Design        | B.2.4-7h  | 9                      | 9                  | B.2.4-5d      | 0,031                          | B.2.4-5h      | 0,066                          |
| Story2 | C33   | 378         | Col 30x30      | 0          | Design        | B.2.4-7d  | 9                      | 10,19              | B.2.4-5d      | 0,035                          | B.2.4-5h      | 0,064                          |
| Story2 | C33   | 378         | Col 30x30      | 115        | Design        | B.2.4-7h  | 9                      | 9                  | B.2.4-5d      | 0,035                          | B.2.4-5h      | 0,064                          |
| Story2 | C33   | 378         | Col 30x30      | 230        | Design        | B.2.4-7h  | 9                      | 9                  | B.2.4-5d      | 0,035                          | B.2.4-5h      | 0,063                          |
| Story2 | C55   | 421         | Col 30x30      | 0          | Design        | B.2.4-7d  | 9                      | 10,49              | B.2.4-5d      | 0,036                          | B.2.4-7h      | 0,044                          |
| Story2 | C55   | 421         | Col 30x30      | 115        | Design        | B.2.4-7h  | 9                      | 9                  | B.2.4-5d      | 0,036                          | B.2.4-7h      | 0,044                          |
| Story2 | C55   | 421         | Col 30x30      | 230        | Design        | B.2.4-7h  | 9                      | 9                  | B.2.4-5d      | 0,036                          | B.2.4-7h      | 0,044                          |
| Story1 | C1    | 1           | Col 45x45      | 0          | Design        | B.2.4-7d  | 20,25                  | 26,39              | B.2.4-5d      | 0,046                          | B.2.4-5h      | 0,06                           |
| Story1 | C1    | 1           | Col 45x45      | 115        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,046                          | B.2.4-5h      | 0,06                           |
| Story1 | C1    | 1           | Col 45x45      | 230        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,046                          | B.2.4-5h      | 0,06                           |
| Story1 | C2    | 2           | Col 45x45      | 0          | Design        | B.2.4-7d  | 20,25                  | 23,42              | B.2.4-5d      | 0,049                          | B.2.4-5h      | 0,063                          |
| Story1 | C2    | 2           | Col 45x45      | 115        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,049                          | B.2.4-5h      | 0,063                          |
| Story1 | C2    | 2           | Col 45x45      | 230        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,049                          | B.2.4-5h      | 0,063                          |
| Story1 | C3    | 3           | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,05                           | B.2.4-5h      | 0,081                          |
| Story1 | C3    | 3           | Col 45x45      | 115        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,05                           | B.2.4-5h      | 0,081                          |
| Story1 | C3    | 3           | Col 45x45      | 230        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,05                           | B.2.4-5h      | 0,081                          |
| Story1 | C4    | 4           | Col 45x45      | 0          | Design        | B.2.4-7d  | 20,25                  | 20,97              | B.2.4-5d      | 0,055                          | B.2.4-5h      | 0,08                           |
| Story1 | C4    | 4           | Col 45x45      | 115        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,055                          | B.2.4-5h      | 0,08                           |
| Story1 | C4    | 4           | Col 45x45      | 230        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,055                          | B.2.4-5h      | 0,08                           |
| Story1 | C5    | 5           | Col 45x45      | 0          | Design        | B.2.4-7d  | 20,25                  | 27,72              | B.2.4-5d      | 0,059                          | B.2.4-5h      | 0,063                          |
| Story1 | C5    | 5           | Col 45x45      | 115        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,059                          | B.2.4-5h      | 0,063                          |
| Story1 | C5    | 5           | Col 45x45      | 230        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,059                          | B.2.4-5h      | 0,063                          |
| Story1 | C6    | 6           | Col 45x45      | 0          | Design        | B.2.4-7d  | 20,25                  | 21,67              | B.2.4-5d      | 0,048                          | B.2.4-5h      | 0,057                          |
| Story1 | C6    | 6           | Col 45x45      | 115        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,048                          | B.2.4-5h      | 0,057                          |
| Story1 | C6    | 6           | Col 45x45      | 230        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,048                          | B.2.4-5h      | 0,057                          |
| Story1 | C7    | 7           | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7d      | 0,049                          | B.2.4-7h      | 0,071                          |
| Story1 | C7    | 7           | Col 45x45      | 115        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7d      | 0,049                          | B.2.4-5h      | 0,074                          |

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| Story  | Label | Unique Name | Design Section | Station cm | Design/Chec k | PMM Combo | As,min cm <sup>2</sup> | As cm <sup>2</sup> | V Major Combo | At V Major cm <sup>2</sup> /cm | V Minor Combo | At V Minor cm <sup>2</sup> /cm |
|--------|-------|-------------|----------------|------------|---------------|-----------|------------------------|--------------------|---------------|--------------------------------|---------------|--------------------------------|
| Story1 | C7    | 7 Col       | 45x45          | 230        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,049                          | B.2.4-5h      | 0,074                          |
| Story1 | C8    | 8 Col       | 45x45          | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7d      | 0,054                          | B.2.4-7h      | 0,069                          |
| Story1 | C8    | 8 Col       | 45x45          | 115        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7d      | 0,054                          | B.2.4-7h      | 0,069                          |
| Story1 | C8    | 8 Col       | 45x45          | 230        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7d      | 0,054                          | B.2.4-7h      | 0,069                          |
| Story1 | C9    | 9 Col       | 45x45          | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,052                          | B.2.4-5h      | 0,059                          |
| Story1 | C9    | 9 Col       | 45x45          | 115        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,052                          | B.2.4-5h      | 0,059                          |
| Story1 | C9    | 9 Col       | 45x45          | 230        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,052                          | B.2.4-5h      | 0,059                          |
| Story1 | C10   | 10 Col      | 45x45          | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,049                          | B.2.4-5h      | 0,055                          |
| Story1 | C10   | 10 Col      | 45x45          | 115        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,049                          | B.2.4-5h      | 0,055                          |
| Story1 | C10   | 10 Col      | 45x45          | 230        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,049                          | B.2.4-5h      | 0,055                          |
| Story1 | C11   | 11 Col      | 45x45          | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,05                           | B.2.4-5h      | 0,071                          |
| Story1 | C11   | 11 Col      | 45x45          | 115        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,05                           | B.2.4-5h      | 0,071                          |
| Story1 | C11   | 11 Col      | 45x45          | 230        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,05                           | B.2.4-5h      | 0,071                          |
| Story1 | C12   | 12 Col      | 45x45          | 0          | Design        | B.2.4-7d  | 20,25                  | 20,81              | B.2.4-5d      | 0,056                          | B.2.4-5h      | 0,057                          |
| Story1 | C12   | 12 Col      | 45x45          | 115        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,056                          | B.2.4-5h      | 0,057                          |
| Story1 | C12   | 12 Col      | 45x45          | 230        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,056                          | B.2.4-5h      | 0,057                          |
| Story1 | C13   | 13 Col      | 45x45          | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,044                          | B.2.4-5h      | 0,051                          |
| Story1 | C13   | 13 Col      | 45x45          | 115        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,044                          | B.2.4-5h      | 0,051                          |
| Story1 | C13   | 13 Col      | 45x45          | 230        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,044                          | B.2.4-5h      | 0,051                          |
| Story1 | C14   | 14 Col      | 45x45          | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,038                          | B.2.4-7h      | 0,065                          |
| Story1 | C14   | 14 Col      | 45x45          | 115        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,038                          | B.2.4-7h      | 0,065                          |
| Story1 | C14   | 14 Col      | 45x45          | 230        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,038                          | B.2.4-7h      | 0,065                          |
| Story1 | C15   | 15 Col      | 45x45          | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,038                          | B.2.4-7h      | 0,066                          |
| Story1 | C15   | 15 Col      | 45x45          | 115        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,038                          | B.2.4-7h      | 0,066                          |
| Story1 | C15   | 15 Col      | 45x45          | 230        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,038                          | B.2.4-7h      | 0,066                          |
| Story1 | C16   | 16 Col      | 45x45          | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,052                          | B.2.4-5h      | 0,053                          |
| Story1 | C16   | 16 Col      | 45x45          | 115        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,052                          | B.2.4-5h      | 0,053                          |
| Story1 | C16   | 16 Col      | 45x45          | 230        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,052                          | B.2.4-5h      | 0,053                          |
| Story1 | C17   | 17 Col      | 45x45          | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,044                          | B.2.4-5h      | 0,048                          |
| Story1 | C17   | 17 Col      | 45x45          | 115        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,044                          | B.2.4-5h      | 0,048                          |
| Story1 | C17   | 17 Col      | 45x45          | 230        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,044                          | B.2.4-5h      | 0,048                          |

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| Story  | Label | Unique Name | Design Section | Station cm | Design/Chec k | PMM Combo | As,min cm <sup>2</sup> | As cm <sup>2</sup> | V Major Combo | At V Major cm <sup>2</sup> /cm | V Minor Combo | At V Minor cm <sup>2</sup> /cm |
|--------|-------|-------------|----------------|------------|---------------|-----------|------------------------|--------------------|---------------|--------------------------------|---------------|--------------------------------|
| Story1 | C18   | 18          | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,038                          | B.2.4-7h      | 0,065                          |
| Story1 | C18   | 18          | Col 45x45      | 115        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,038                          | B.2.4-7h      | 0,065                          |
| Story1 | C18   | 18          | Col 45x45      | 230        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,038                          | B.2.4-7h      | 0,065                          |
| Story1 | C19   | 19          | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,038                          | B.2.4-7h      | 0,065                          |
| Story1 | C19   | 19          | Col 45x45      | 115        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,038                          | B.2.4-7h      | 0,065                          |
| Story1 | C19   | 19          | Col 45x45      | 230        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,038                          | B.2.4-7h      | 0,065                          |
| Story1 | C20   | 20          | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,054                          | B.2.4-5h      | 0,048                          |
| Story1 | C20   | 20          | Col 45x45      | 115        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,054                          | B.2.4-5h      | 0,048                          |
| Story1 | C20   | 20          | Col 45x45      | 230        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,054                          | B.2.4-5h      | 0,048                          |
| Story1 | C21   | 21          | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,053                          | B.2.4-5h      | 0,058                          |
| Story1 | C21   | 21          | Col 45x45      | 115        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,053                          | B.2.4-5h      | 0,058                          |
| Story1 | C21   | 21          | Col 45x45      | 230        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,053                          | B.2.4-5h      | 0,058                          |
| Story1 | C22   | 22          | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,039                          | B.2.4-7h      | 0,055                          |
| Story1 | C22   | 22          | Col 45x45      | 115        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,039                          | B.2.4-7h      | 0,055                          |
| Story1 | C22   | 22          | Col 45x45      | 230        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,039                          | B.2.4-7h      | 0,055                          |
| Story1 | C23   | 23          | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,04                           | B.2.4-7h      | 0,055                          |
| Story1 | C23   | 23          | Col 45x45      | 115        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,04                           | B.2.4-7h      | 0,055                          |
| Story1 | C23   | 23          | Col 45x45      | 230        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,04                           | B.2.4-7h      | 0,055                          |
| Story1 | C24   | 24          | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,046                          | B.2.4-5h      | 0,056                          |
| Story1 | C24   | 24          | Col 45x45      | 115        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,046                          | B.2.4-5h      | 0,056                          |
| Story1 | C24   | 24          | Col 45x45      | 230        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,046                          | B.2.4-5h      | 0,056                          |
| Story1 | C25   | 25          | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7d      | 0,048                          | B.2.4-7h      | 0,063                          |
| Story1 | C25   | 25          | Col 45x45      | 115        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7d      | 0,048                          | B.2.4-7h      | 0,063                          |
| Story1 | C25   | 25          | Col 45x45      | 230        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7d      | 0,048                          | B.2.4-7h      | 0,063                          |
| Story1 | C26   | 26          | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,038                          | B.2.4-7h      | 0,063                          |
| Story1 | C26   | 26          | Col 45x45      | 115        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,038                          | B.2.4-7h      | 0,063                          |
| Story1 | C26   | 26          | Col 45x45      | 230        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,038                          | B.2.4-7h      | 0,063                          |
| Story1 | C27   | 27          | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,054                          | B.2.4-5h      | 0,046                          |
| Story1 | C27   | 27          | Col 45x45      | 115        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,054                          | B.2.4-5h      | 0,046                          |
| Story1 | C27   | 27          | Col 45x45      | 230        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,054                          | B.2.4-5h      | 0,046                          |
| Story1 | C28   | 28          | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7d      | 0,048                          | B.2.4-7h      | 0,047                          |

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| Story  | Label | Unique Name | Design Section | Station cm | Design/Chec k | PMM Combo | As,min cm <sup>2</sup> | As cm <sup>2</sup> | V Major Combo | At V Major cm <sup>2</sup> /cm | V Minor Combo | At V Minor cm <sup>2</sup> /cm |
|--------|-------|-------------|----------------|------------|---------------|-----------|------------------------|--------------------|---------------|--------------------------------|---------------|--------------------------------|
| Story1 | C28   | 28          | Col 45x45      | 115        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7d      | 0,048                          | B.2.4-7h      | 0,047                          |
| Story1 | C28   | 28          | Col 45x45      | 230        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7d      | 0,048                          | B.2.4-7h      | 0,047                          |
| Story1 | C29   | 29          | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7d      | 0,049                          | B.2.4-7h      | 0,057                          |
| Story1 | C29   | 29          | Col 45x45      | 115        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7d      | 0,049                          | B.2.4-7h      | 0,057                          |
| Story1 | C29   | 29          | Col 45x45      | 230        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7d      | 0,049                          | B.2.4-7h      | 0,057                          |
| Story1 | C30   | 30          | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7d      | 0,049                          | B.2.4-7h      | 0,055                          |
| Story1 | C30   | 30          | Col 45x45      | 115        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7d      | 0,049                          | B.2.4-7h      | 0,055                          |
| Story1 | C30   | 30          | Col 45x45      | 230        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7d      | 0,049                          | B.2.4-7h      | 0,055                          |
| Story1 | C31   | 31          | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,038                          | B.2.4-7h      | 0,067                          |
| Story1 | C31   | 31          | Col 45x45      | 115        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,038                          | B.2.4-7h      | 0,067                          |
| Story1 | C31   | 31          | Col 45x45      | 230        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,038                          | B.2.4-7h      | 0,067                          |
| Story1 | C34   | 34          | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,069                          | B.2.4-7h      | 0,038                          |
| Story1 | C34   | 34          | Col 45x45      | 122,5      | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,069                          | B.2.4-7h      | 0,038                          |
| Story1 | C34   | 34          | Col 45x45      | 245        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,069                          | B.2.4-7h      | 0,038                          |
| Story1 | C35   | 35          | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,044                          | B.2.4-7h      | 0,038                          |
| Story1 | C35   | 35          | Col 45x45      | 122,5      | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,044                          | B.2.4-7h      | 0,038                          |
| Story1 | C35   | 35          | Col 45x45      | 245        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,044                          | B.2.4-7h      | 0,038                          |
| Story1 | C36   | 36          | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,038                          | B.2.4-7h      | 0,066                          |
| Story1 | C36   | 36          | Col 45x45      | 115        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,038                          | B.2.4-7h      | 0,066                          |
| Story1 | C36   | 36          | Col 45x45      | 230        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,038                          | B.2.4-7h      | 0,066                          |
| Story1 | C37   | 37          | Col 45x45      | 0          | Design        | B.2.4-7d  | 20,25                  | 20,9               | B.2.4-5d      | 0,055                          | B.2.4-5h      | 0,046                          |
| Story1 | C37   | 37          | Col 45x45      | 115        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,055                          | B.2.4-5h      | 0,046                          |
| Story1 | C37   | 37          | Col 45x45      | 230        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,055                          | B.2.4-5h      | 0,046                          |
| Story1 | C38   | 38          | Col 45x45      | 0          | Design        | B.2.4-7d  | 20,25                  | 20,52              | B.2.4-5d      | 0,069                          | B.2.4-7h      | 0,038                          |
| Story1 | C38   | 38          | Col 45x45      | 122,5      | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,069                          | B.2.4-7h      | 0,038                          |
| Story1 | C38   | 38          | Col 45x45      | 245        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,069                          | B.2.4-7h      | 0,038                          |
| Story1 | C39   | 39          | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,043                          | B.2.4-7h      | 0,038                          |
| Story1 | C39   | 39          | Col 45x45      | 122,5      | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,043                          | B.2.4-7h      | 0,038                          |
| Story1 | C39   | 39          | Col 45x45      | 245        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,043                          | B.2.4-7h      | 0,038                          |
| Story1 | C40   | 40          | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,039                          | B.2.4-7h      | 0,067                          |
| Story1 | C40   | 40          | Col 45x45      | 115        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,039                          | B.2.4-7h      | 0,067                          |

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| Story  | Label | Unique Name | Design Section | Station cm | Design/Chec k | PMM Combo | As,min cm² | As cm² | V Major Combo | At V Major cm²/cm | V Minor Combo | At V Minor cm²/cm |
|--------|-------|-------------|----------------|------------|---------------|-----------|------------|--------|---------------|-------------------|---------------|-------------------|
| Story1 | C40   | 40          | Col 45x45      | 230        | Design        | B.2.4-7h  | 20,25      | 20,25  | B.2.4-7h      | 0,039             | B.2.4-7h      | 0,067             |
| Story1 | C41   | 41          | Col 45x45      | 0          | Design        | B.2.4-7d  | 20,25      | 20,56  | B.2.4-5d      | 0,056             | B.2.4-5h      | 0,046             |
| Story1 | C41   | 41          | Col 45x45      | 115        | Design        | B.2.4-7h  | 20,25      | 20,25  | B.2.4-5d      | 0,056             | B.2.4-5h      | 0,046             |
| Story1 | C41   | 41          | Col 45x45      | 230        | Design        | B.2.4-7h  | 20,25      | 20,25  | B.2.4-5d      | 0,056             | B.2.4-5h      | 0,046             |
| Story1 | C42   | 42          | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25      | 20,25  | B.2.4-7d      | 0,048             | B.2.4-7h      | 0,046             |
| Story1 | C42   | 42          | Col 45x45      | 115        | Design        | B.2.4-7h  | 20,25      | 20,25  | B.2.4-7d      | 0,048             | B.2.4-7h      | 0,046             |
| Story1 | C42   | 42          | Col 45x45      | 230        | Design        | B.2.4-7h  | 20,25      | 20,25  | B.2.4-7d      | 0,048             | B.2.4-7h      | 0,046             |
| Story1 | C43   | 43          | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25      | 20,25  | B.2.4-7d      | 0,049             | B.2.4-7h      | 0,058             |
| Story1 | C43   | 43          | Col 45x45      | 115        | Design        | B.2.4-7h  | 20,25      | 20,25  | B.2.4-7d      | 0,049             | B.2.4-7h      | 0,058             |
| Story1 | C43   | 43          | Col 45x45      | 230        | Design        | B.2.4-7h  | 20,25      | 20,25  | B.2.4-7d      | 0,049             | B.2.4-7h      | 0,058             |
| Story1 | C44   | 44          | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25      | 20,25  | B.2.4-7d      | 0,049             | B.2.4-7h      | 0,056             |
| Story1 | C44   | 44          | Col 45x45      | 115        | Design        | B.2.4-7h  | 20,25      | 20,25  | B.2.4-7d      | 0,049             | B.2.4-7h      | 0,056             |
| Story1 | C44   | 44          | Col 45x45      | 230        | Design        | B.2.4-7h  | 20,25      | 20,25  | B.2.4-7d      | 0,049             | B.2.4-7h      | 0,056             |
| Story1 | C45   | 45          | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25      | 20,25  | B.2.4-5d      | 0,053             | B.2.4-5h      | 0,061             |
| Story1 | C45   | 45          | Col 45x45      | 115        | Design        | B.2.4-7h  | 20,25      | 20,25  | B.2.4-5d      | 0,053             | B.2.4-5h      | 0,061             |
| Story1 | C45   | 45          | Col 45x45      | 230        | Design        | B.2.4-7h  | 20,25      | 20,25  | B.2.4-5d      | 0,053             | B.2.4-5h      | 0,061             |
| Story1 | C46   | 46          | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25      | 20,25  | B.2.4-5d      | 0,039             | B.2.4-7h      | 0,055             |
| Story1 | C46   | 46          | Col 45x45      | 115        | Design        | B.2.4-7h  | 20,25      | 20,25  | B.2.4-5d      | 0,039             | B.2.4-7h      | 0,055             |
| Story1 | C46   | 46          | Col 45x45      | 230        | Design        | B.2.4-7h  | 20,25      | 20,25  | B.2.4-5d      | 0,039             | B.2.4-7h      | 0,055             |
| Story1 | C47   | 47          | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25      | 20,25  | B.2.4-7d      | 0,04              | B.2.4-5h      | 0,056             |
| Story1 | C47   | 47          | Col 45x45      | 115        | Design        | B.2.4-7h  | 20,25      | 20,25  | B.2.4-7d      | 0,04              | B.2.4-5h      | 0,056             |
| Story1 | C47   | 47          | Col 45x45      | 230        | Design        | B.2.4-7h  | 20,25      | 20,25  | B.2.4-7d      | 0,04              | B.2.4-5h      | 0,056             |
| Story1 | C48   | 48          | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25      | 20,25  | B.2.4-5d      | 0,05              | B.2.4-5h      | 0,058             |
| Story1 | C48   | 48          | Col 45x45      | 115        | Design        | B.2.4-7h  | 20,25      | 20,25  | B.2.4-5d      | 0,05              | B.2.4-5h      | 0,058             |
| Story1 | C48   | 48          | Col 45x45      | 230        | Design        | B.2.4-7h  | 20,25      | 20,25  | B.2.4-5d      | 0,05              | B.2.4-5h      | 0,058             |
| Story1 | C49   | 49          | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25      | 20,25  | B.2.4-5d      | 0,051             | B.2.4-5h      | 0,057             |
| Story1 | C49   | 49          | Col 45x45      | 115        | Design        | B.2.4-7h  | 20,25      | 20,25  | B.2.4-5d      | 0,051             | B.2.4-5h      | 0,057             |
| Story1 | C49   | 49          | Col 45x45      | 230        | Design        | B.2.4-7h  | 20,25      | 20,25  | B.2.4-5d      | 0,051             | B.2.4-5h      | 0,057             |
| Story1 | C50   | 50          | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25      | 20,25  | B.2.4-5d      | 0,044             | B.2.4-5h      | 0,058             |
| Story1 | C50   | 50          | Col 45x45      | 115        | Design        | B.2.4-7h  | 20,25      | 20,25  | B.2.4-5d      | 0,044             | B.2.4-5h      | 0,058             |
| Story1 | C50   | 50          | Col 45x45      | 230        | Design        | B.2.4-7h  | 20,25      | 20,25  | B.2.4-5d      | 0,044             | B.2.4-5h      | 0,058             |

DISEÑO ESTRUCTURAL HOTEL VILLAVICENCIO

| Story  | Label | Unique Name | Design Section | Station cm | Design/Chec k | PMM Combo | As,min cm <sup>2</sup> | As cm <sup>2</sup> | V Major Combo | At V Major cm <sup>2</sup> /cm | V Minor Combo | At V Minor cm <sup>2</sup> /cm |
|--------|-------|-------------|----------------|------------|---------------|-----------|------------------------|--------------------|---------------|--------------------------------|---------------|--------------------------------|
| Story1 | C51   | 51          | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,047                          | B.2.4-5h      | 0,047                          |
| Story1 | C51   | 51          | Col 45x45      | 115        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,047                          | B.2.4-5h      | 0,047                          |
| Story1 | C51   | 51          | Col 45x45      | 230        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,047                          | B.2.4-5h      | 0,047                          |
| Story1 | C52   | 52          | Col 45x45      | 0          | Design        | B.2.4-5d  | 20,25                  | 20,56              | B.2.4-5d      | 0,063                          | B.2.4-7h      | 0,038                          |
| Story1 | C52   | 52          | Col 45x45      | 122,5      | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,063                          | B.2.4-7h      | 0,038                          |
| Story1 | C52   | 52          | Col 45x45      | 245        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,063                          | B.2.4-7h      | 0,038                          |
| Story1 | C53   | 53          | Col 45x45      | 0          | Design        | B.2.4-5d  | 20,25                  | 20,43              | B.2.4-5d      | 0,063                          | B.2.4-7h      | 0,038                          |
| Story1 | C53   | 53          | Col 45x45      | 122,5      | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,063                          | B.2.4-7h      | 0,038                          |
| Story1 | C53   | 53          | Col 45x45      | 245        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-5d      | 0,063                          | B.2.4-7h      | 0,038                          |
| Story1 | C54   | 54          | Col 45x45      | 0          | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7h      | 0,039                          | B.2.4-7h      | 0,068                          |
| Story1 | C54   | 54          | Col 45x45      | 115        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7d      | 0,051                          | B.2.4-7h      | 0,068                          |
| Story1 | C54   | 54          | Col 45x45      | 230        | Design        | B.2.4-7h  | 20,25                  | 20,25              | B.2.4-7d      | 0,051                          | B.2.4-7h      | 0,068                          |
| Story1 | C32   | 235         | Col 30x30      | 0          | Design        | B.2.4-7d  | 9                      | 10,62              | B.2.4-7h      | 0,025                          | B.2.4-5h      | 0,063                          |
| Story1 | C32   | 235         | Col 30x30      | 115        | Design        | B.2.4-7h  | 9                      | 9                  | B.2.4-7h      | 0,025                          | B.2.4-5h      | 0,063                          |
| Story1 | C32   | 235         | Col 30x30      | 230        | Design        | B.2.4-7h  | 9                      | 9                  | B.2.4-7h      | 0,025                          | B.2.4-5h      | 0,063                          |
| Story1 | C33   | 371         | Col 30x30      | 0          | Design        | B.2.4-7d  | 9                      | 12,32              | B.2.4-5d      | 0,029                          | B.2.4-5h      | 0,07                           |
| Story1 | C33   | 371         | Col 30x30      | 115        | Design        | B.2.4-7h  | 9                      | 9                  | B.2.4-5d      | 0,029                          | B.2.4-5h      | 0,07                           |
| Story1 | C33   | 371         | Col 30x30      | 230        | Design        | B.2.4-7h  | 9                      | 9                  | B.2.4-5d      | 0,029                          | B.2.4-5h      | 0,07                           |
| Story1 | C55   | 420         | Col 30x30      | 0          | Design        | B.2.4-7d  | 9                      | 13,49              | B.2.4-5d      | 0,031                          | B.2.4-7h      | 0,044                          |
| Story1 | C55   | 420         | Col 30x30      | 115        | Design        | B.2.4-7h  | 9                      | 9                  | B.2.4-5d      | 0,031                          | B.2.4-7h      | 0,044                          |
| Story1 | C55   | 420         | Col 30x30      | 230        | Design        | B.2.4-7h  | 9                      | 9                  | B.2.4-5d      | 0,031                          | B.2.4-7h      | 0,044                          |