

| HARTFORD-ROYALTON<br>AC IM IR 089-1(8) |      | DRAINAGE SUMMARY |                 |               |                |                     |                  |              |             |                   |                  |                    |                    |                  |             |         |         |         | SH.33   |         |         |         |
|--|------|------------------|-----------------|---------------|----------------|---------------------|------------------|--------------|-------------|-------------------|------------------|--------------------|--------------------|------------------|-------------|---------|---------|---------|---------|---------|---------|---------|
| NORTH BOUND                            |      | COMMON EXC.      | SOLID ROCK EXC. | UNCLASS. EXC. | UNCLASS. DITCH | UNCLASS. CHAN. EXC. | EXC. OF SURFACES | EARTH BORROW | SAND BORROW | TRENCH EARTH EXC. | TRENCH ROCK EXC. | GRAVEL FOR STRUCT. | DENSE GRADED GRAV. | CONCRETE CLASS B | REIN. STEEL | 12" CSP | 15" CSP | 18" CSP | 24" CSP | 30" CSP | 36" CSP | 42" CSP |
| MM-MM                                  | POS. | (CY)             | (CY)            | (CY)          | (LF)           | (CY)                | (CY)             | (CY)         | (CY)        | (CY)              | (CY)             | (CY)               | (CY)               | (CY)             | (LB)        | (LF)    | (LF)    | (LF)    | (LF)    | (LF)    | (LF)    | (LF)    |
| 19.53                                  | OUT  |                  |                 |               | 20             |                     |                  |              |             | 20.7              |                  |                    |                    |                  |             | 40      |         |         |         |         |         |         |
| 19.55                                  | OUT  |                  |                 |               |                |                     |                  |              |             | 18.3              |                  |                    |                    |                  |             | 20      |         |         |         |         |         |         |
| 19.57                                  | CL   |                  |                 |               |                |                     | 1.36             |              |             | 27.6              |                  |                    | 2.75               |                  |             |         |         |         |         |         |         |         |
| 19.68                                  | CL   |                  |                 |               |                |                     |                  | 5.2          |             |                   |                  |                    | 3.09               |                  |             |         |         |         |         |         |         |         |
| 19.77                                  | CL   |                  |                 |               | 70             |                     |                  |              |             |                   |                  |                    |                    |                  |             |         |         |         |         |         |         |         |
| 19.81                                  | OUT  |                  |                 |               | 20             |                     |                  |              |             |                   |                  |                    |                    |                  |             |         |         |         |         |         |         |         |
| 19.82                                  | MED  |                  |                 |               |                |                     |                  |              |             |                   |                  |                    |                    |                  |             |         |         |         |         |         |         |         |
| 19.84                                  | MED  |                  |                 |               |                |                     |                  | 6.84         |             |                   |                  |                    |                    |                  |             |         |         |         |         |         |         |         |
| 19.85                                  | CL   |                  |                 |               | 50             |                     |                  | 10.4         |             | 2.3               |                  |                    |                    |                  |             |         |         |         |         |         |         |         |
| 19.88                                  | MED  |                  |                 |               |                |                     |                  | 8.85         |             |                   |                  |                    |                    |                  |             |         |         |         |         |         |         |         |
| 19.90                                  | OUT  |                  |                 |               |                |                     |                  |              |             | 5.7               |                  |                    |                    |                  |             |         |         |         |         |         |         |         |
| 19.92                                  | MED  |                  |                 |               |                |                     |                  |              |             |                   |                  |                    | 3.09               |                  |             |         |         |         |         |         |         |         |
| 19.95                                  | CL   |                  |                 |               |                |                     |                  | 5.2          |             |                   |                  |                    | 1.2                | 107.1            |             |         |         |         |         |         |         |         |
| 20.00                                  | OUT  |                  |                 |               |                |                     |                  |              |             | 8.9               |                  |                    |                    |                  | 14          |         |         |         |         |         |         |         |
| 20.04                                  | CL   |                  |                 |               |                |                     |                  | 5.2          |             |                   |                  |                    | 3.09               |                  |             |         |         |         |         |         |         |         |
| 20.10                                  | CL   |                  |                 |               | 140            |                     |                  |              |             | 10.7              |                  |                    | 2.5                |                  |             |         |         | 16      |         |         |         |         |
| 20.15                                  | CL   |                  |                 |               | 140            |                     |                  |              |             |                   |                  |                    |                    |                  |             |         |         |         |         |         |         |         |
| 20.25                                  | CL   |                  |                 |               |                |                     |                  | 5.2          |             |                   |                  |                    |                    |                  |             |         |         |         |         |         |         |         |
| 20.32                                  | MED  |                  |                 |               |                |                     |                  |              |             |                   |                  |                    |                    |                  |             |         |         |         |         |         |         |         |
| 20.38                                  | CL   |                  |                 |               |                |                     |                  |              |             |                   |                  |                    |                    |                  |             |         |         |         |         |         |         |         |
| 20.45-20.47                            | CL   |                  |                 |               | 25             |                     |                  | 5.2          |             |                   |                  |                    |                    |                  |             |         |         |         |         |         |         |         |
| 20.49                                  | OUT  |                  |                 |               | 27             |                     |                  |              |             |                   |                  |                    |                    |                  |             |         |         |         |         |         |         |         |
| 20.53                                  | CL   |                  |                 |               |                |                     |                  | 5.2          |             |                   |                  |                    |                    |                  |             |         |         |         |         |         |         |         |
| 20.63                                  | CL   |                  |                 |               |                |                     |                  | 20.9         |             | 9.8               |                  |                    |                    |                  |             |         |         |         |         |         |         |         |
| 20.69                                  | CL   |                  |                 |               | 7              |                     |                  |              |             | 11.2              |                  |                    |                    |                  |             |         |         |         |         |         |         |         |
| 20.83                                  | CL   |                  |                 |               | 82             |                     |                  |              |             |                   |                  |                    |                    |                  |             |         |         |         |         |         |         |         |
| 20.90                                  | CL   |                  |                 |               |                |                     |                  |              |             |                   |                  |                    | 3.6                |                  |             |         |         |         |         |         |         |         |
| 20.96                                  | CL   |                  |                 |               |                |                     |                  |              |             |                   |                  |                    |                    |                  |             |         |         |         |         |         |         |         |
| 21.02                                  | CL   |                  |                 |               |                |                     |                  |              |             |                   |                  |                    |                    |                  |             |         |         |         |         |         |         |         |
| 21.08                                  | CL   |                  |                 |               |                |                     |                  | 10.4         |             |                   |                  |                    |                    |                  |             |         |         |         |         |         |         |         |
| 21.18                                  | CL   |                  |                 |               | 5              |                     |                  |              |             |                   |                  |                    |                    |                  |             |         |         |         |         |         |         |         |
| 21.23                                  | OUT  |                  |                 |               |                |                     |                  |              |             |                   |                  |                    |                    |                  |             |         |         |         |         |         |         |         |
| 21.27                                  | CL   |                  |                 |               | 10             |                     |                  |              |             | 5.2               |                  |                    |                    |                  |             |         |         |         |         |         |         |         |
| 21.36                                  | CL   |                  |                 |               |                |                     |                  |              |             |                   |                  |                    |                    |                  |             |         |         |         |         |         |         |         |
| 21.41-21.58                            | OUT  | 1539             |                 |               |                |                     | 472              |              |             |                   |                  |                    |                    |                  |             |         |         |         |         |         |         |         |
| SHEET TOTALS:                          |      | 1539.0           |                 |               | 596.0          |                     | 473.36           | 93.79        |             | 115.2             |                  |                    | 18.1               | 1.2              | 107.1       | 74.0    |         | 16.0    |         |         |         |         |

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