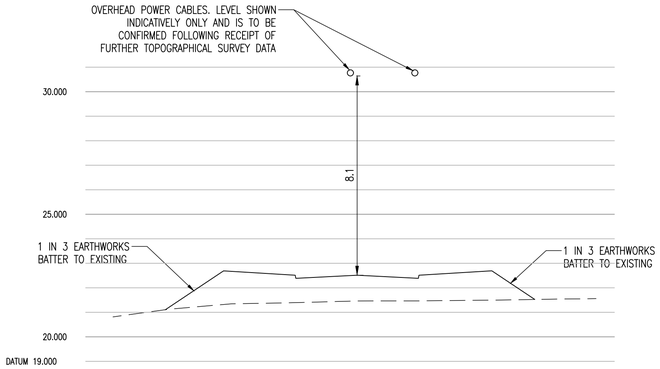
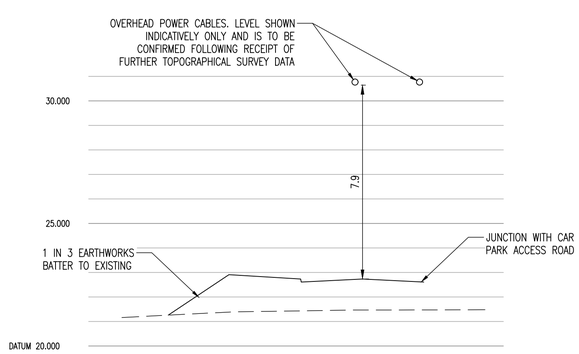


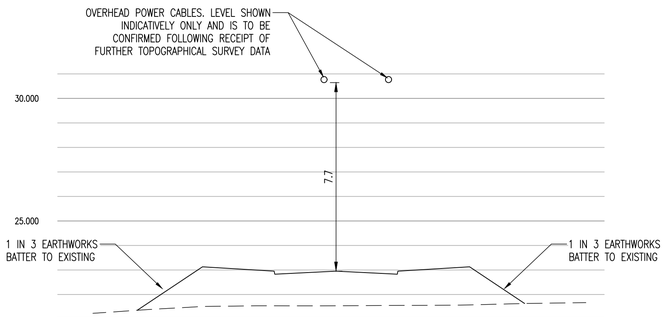

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OFFSET | | | 15.656 | | 10.900 | 9.900 | 6.500 | 5.050 | 5.000 | 0.000 | 0.000 | 5.000 | 5.050 | 6.500 | 10.000 | 11.000 | 14.504 | | | |
| GROUND LEVEL | 20.812 | | 21.104 | | 21.319 | 21.350 | 21.378 | 21.395 | | 21.461 | | 21.466 | 21.473 | | 21.491 | 21.496 | 21.524 | | 21.559 | |
| FEATURE LEVEL | | | 21.104 | | 22.689 | 22.659 | 22.556 | 22.512 | 22.387 | 22.512 | 22.512 | 22.387 | 22.512 | 22.556 | 22.662 | 22.662 | 21.524 | | | |

ALIGNMENT RD 01
CHAINAGE 50.000



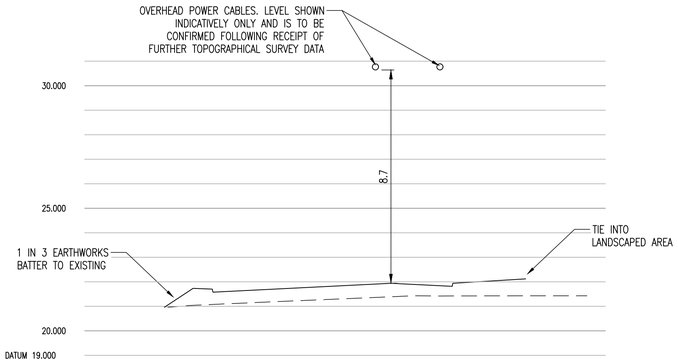

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OFFSET | | | 15.854 | | 10.900 | 9.900 | 6.500 | 5.050 | 5.000 | 0.000 | 0.000 | 5.000 | | | | | | | | |
| GROUND LEVEL | 21.160 | | 21.258 | | 21.383 | 21.397 | 21.422 | 21.433 | | 21.468 | | 21.469 | | | | | 21.460 | | | |
| FEATURE LEVEL | | | 21.258 | | 22.909 | 22.879 | 22.776 | 22.732 | 22.607 | 22.732 | 22.732 | 22.607 | | | | | | | | |

ALIGNMENT RD 01
CHAINAGE 40.000



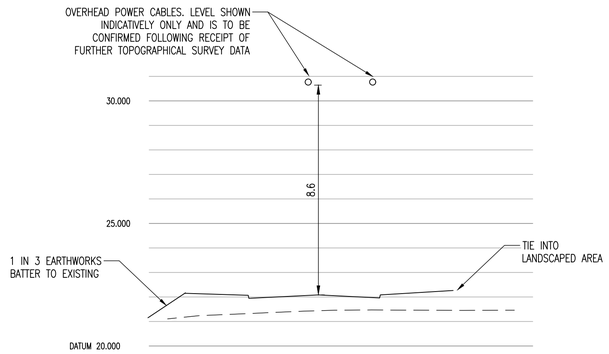

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OFFSET | | | 16.222 | | 10.900 | 9.900 | 6.500 | 5.050 | 5.000 | 0.000 | 0.000 | 5.000 | 5.050 | 6.500 | 9.900 | 10.900 | 15.393 | | | |
| GROUND LEVEL | 21.231 | | 21.355 | | 21.509 | 21.516 | 21.538 | 21.538 | | 21.538 | | 21.553 | 21.556 | | 21.564 | 21.574 | 21.631 | | 21.666 | |
| FEATURE LEVEL | | | 21.355 | | 23.129 | 23.099 | 22.996 | 22.952 | 22.827 | 22.952 | 22.952 | 22.827 | 22.952 | 22.996 | 23.099 | 23.129 | 21.631 | | | |

ALIGNMENT RD 01
CHAINAGE 30.000



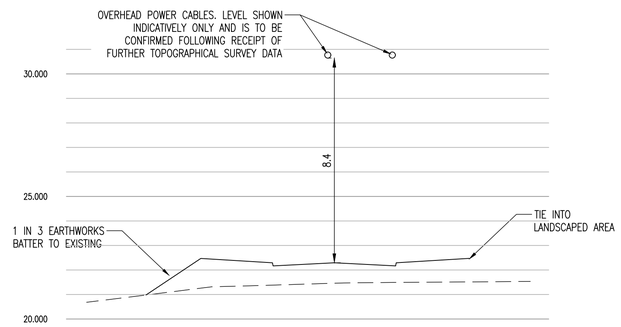

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OFFSET | | | 18.493 | | 16.150 | 14.579 | 14.525 | | | 0.000 | | 5.000 | 5.050 | 6.500 | | 10.000 | 11.000 | | | |
| GROUND LEVEL | | | 20.969 | | 21.040 | 21.075 | | | | 21.388 | | 21.422 | 21.423 | | | 21.427 | 21.428 | | 21.427 | |
| FEATURE LEVEL | | | 20.969 | | 21.733 | 21.701 | 21.576 | | | 21.939 | | 21.814 | 21.939 | 21.983 | | 22.089 | 22.120 | | | |

ALIGNMENT RD 01
CHAINAGE 80.000



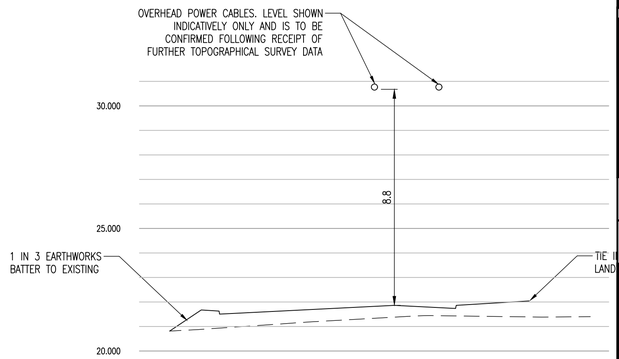

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OFFSET | | | 7.312 | | 5.727 | 5.672 | | | | 0.000 | 0.000 | 5.000 | 5.050 | 6.500 | | 10.000 | 11.000 | | | |
| GROUND LEVEL | 21.106 | | 21.289 | | 21.323 | | | | | 21.439 | | 21.468 | | 21.464 | | 21.456 | 21.454 | | 21.460 | |
| FEATURE LEVEL | | | 22.092 | | 22.067 | 21.943 | | | | 22.085 | 22.085 | 21.960 | 22.085 | 22.129 | | 22.235 | 22.265 | | | |

ALIGNMENT RD 01
CHAINAGE 70.000




| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OFFSET | | | 15.373 | | 10.900 | 9.900 | 6.500 | 5.050 | 5.000 | 0.000 | 0.000 | 5.000 | 5.050 | 6.500 | | 10.000 | 11.000 | | | |
| GROUND LEVEL | 20.681 | | 20.978 | | 21.258 | 21.314 | 21.359 | 21.381 | | 21.459 | | 21.492 | 21.497 | | | 21.509 | 21.512 | | 21.534 | |
| FEATURE LEVEL | | | 20.978 | | 22.469 | 22.439 | 22.336 | 22.292 | 22.167 | 22.292 | 22.292 | 22.167 | 22.292 | 22.336 | | 22.442 | 22.472 | | | |

ALIGNMENT RD 01
CHAINAGE 60.000




| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OFFSET | | | 14.312 | 14.262 | | | | | | 0.000 | | 5.000 | 5.050 | 6.500 | | 10.000 | 11.000 | | | |
| GROUND LEVEL | | 20.846 | | 20.932 | | | | | | 21.380 | | 21.429 | 21.420 | | | 21.387 | 21.380 | | 21.401 | |
| FEATURE LEVEL | | | 21.629 | 21.504 | | | | | | 21.861 | | 21.736 | 21.861 | 21.905 | | 22.011 | 22.041 | | | |

ALIGNMENT RD 01
CHAINAGE 90.000

# DO NOT SCALE

## NOTES

1. ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.
2. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECTURAL AND ENGINEERING DETAILS, DRAWINGS AND SPECIFICATIONS.
3. ALL WORKS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH THE SPECIFICATION FOR HIGHWAY WORKS AND RELEVANT LOCAL / HIGHWAY AUTHORITY GUIDANCE
4. ANY DISCREPANCIES SHOULD BE REPORTED TO THE ARCHITECT AND/OR ENGINEER IMMEDIATELY SO THAT CLARIFICATION CAN BE SOUGHT PRIOR TO THE COMMENCEMENT OF WORK.
5. UNDERGROUND SERVICES MAY BE PRESENT. CONTRACTOR TO CONFIRM THE PRECISE LINE AND DEPTH OF ANY UNDERGROUND SERVICES PRIOR TO ANY EXCAVATION WORK.
6. FOR SECTION LOCATIONS REFER TO DRAWING NUMBER 5969-Z8-RP-100

## KEY

– – – – – EXISTING GROUND LEVEL

———— PROPOSED GROUND LEVEL

| REV | DATE | BY | DESCRIPTION | CHK | APP |
|---|---|---|---|---|---|
| A | 18/12/2019 | TS | FIRST ISSUE | SG | SG |

DRAWING STATUS: PLANNING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wsp.com


CLIENT: OMEGA ST HELENS LTD / T.J. MORRIS LIMITED

ARCHITECT: N/A

SITE/PROJECT: OMEGA ZONE 8 ST HELENS

TITLE: HIGHWAY WORKS HIGHWAY CROSS SECTIONS SHEET 2 OF 3 INFRA DWG.6.2

| SCALE @ A1: | CHECKED: | | APPROVED: |
|---|---|---|---|
| 1:250 (H) 1:125 (V) | SG | | SG |
| PROJECT NO: 70065969 | DESIGNED: TS | DRAWN: TS | DATE: December 19 |

DRAWING No: 5969-Z8-RP-104 REV: A

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