PART S10 EARTHWORKS FOR STRUCTURES

Unless specified below, all works must be undertaken in accordance with Master Specification Part S10 Earthworks for Structures, Edition Dec 2017.

|  |  |  |
| --- | --- | --- |
| ***Heading*** | ***Title*** | ***Details*** |
| 1. | GENERAL | *Applies*  *Applies (Exceeds with spec information)*  *Does Not Apply*  *Outline if roadworks are to be undertaken* |
| 2. | QUALITY REQUIREMENTS |  |
| 3. | SITE PREPARATION AND EXCAVATION | *Specify site preparation and excavation requirements* |
| 4. | COFFERDAMS AND DEWATERING SYSTEMS |  |
| 5. | FOUNDATION PREPARATION CONCRETE |  |
| 6. | BACKFILL | *Include details of excavation and backfill requirements*  *Specify the compaction requirements and frequency of testing requirements* |
| 7. | HOLD POINTS |  |
| 8. | PAYMENT | *Outline if this clause applies (only where a Provisional Sum or Provisional Quantity has been included in the schedules which provides for payment for excavation of rock).* |

PART S15 SUPPLY AND INSTALLATION OF DRIVEN PILES

Unless specified below, all works must be undertaken in accordance with Master Specification Part S15 Supply and Installation of Driven Piles, Edition Dec 2017.

|  |  |  |
| --- | --- | --- |
| ***Heading*** | ***Title*** | ***Details*** |
| 1. | GENERAL | *Applies*  *Applies (Exceeds with spec information)*  *Does Not Apply* |
| 2. | QUALITY REQUIREMENTS |  |
| 3. | MANUFACTURE OF PILES |  |
| 4. | SITE WORKS | *Specify any over excavation in the vicinity of the piles* |
| 5. | DRIVING OPERATION |  |
| 6. | SPLICING AND STRIPPING OF PILES |  |
| 7. | DRIVING RECORDS AND TESTING |  |
| 8. | HOLD POINTS |  |
| 9. | VERIFICATION REQUIREMENTS AND RECORDS |  |

PART S16 CAST IN PLACE CONCRETE PILES

Unless specified below, all works must be undertaken in accordance with Master Specification Part S16 Cast In Place Concrete Piles, Edition Dec 2017.

|  |  |  |
| --- | --- | --- |
| ***Heading*** | ***Title*** | ***Details*** |
| 1. | GENERAL | *Applies*  *Applies (Exceeds with spec information)*  *Does Not Apply* |
| 2. | QUALITY REQUIREMENTS |  |
| 3. | MATERIALS |  |
| 4. | PILE CONSTRUCTION | *Include any requirements or restrictions not shown on the drawings regarding construction techniques* |
| 5. | TOLERANCES |  |
| 6. | TESTING OF PILES | *Outline the pile test load required*  *Outline any additional load testing requirements (including static load tests)*  *Include any requirements for ultimate resistance testing or test piles* |
| 7. | HOLD POINTS |  |
| 8. | RECORDS |  |

PART S17 CONTINUOUS FLIGHT AUGER PILES

Unless specified below, all works must be undertaken in accordance with Master Specification Part S17 Continuous Flight Auger Piles, Edition Dec 2017.

|  |  |  |
| --- | --- | --- |
| ***Heading*** | ***Title*** | ***Details*** |
| 1. | GENERAL | *Applies*  *Applies (Exceeds with spec information)*  *Does Not Apply* |
| 2. | QUALITY REQUIREMENTS |  |
| 3. | MATERIALS |  |
| 4. | PILE CONSTRUCTION |  |
| 5. | TOLERANCES |  |
| 6. | TESTING OF PILES | *Specify the additional load testing requirements*  *Specify the measured ultimate capacity of test piles requirements* |
| 7. | HOLD POINTS |  |
| 8. | RECORDS |  |

PART S20 REINFORCED SOIL STRUCTURES

Unless specified below, all works must be undertaken in accordance with Master Specification Part S20 Reinforced Soil Structures, Edition Dec 2017.

|  |  |  |
| --- | --- | --- |
| ***Heading*** | ***Title*** | ***Details*** |
| 1. | GENERAL | *Applies*  *Applies (Exceeds with spec information)*  *Does Not Apply* |
| 2. | MATERIALS | *Outline any additional requirements such as abutment loading on walls or texture finish on concrete panels.*  *Outline any additional requirements for testing of shear strength, coefficient of friction or any other tests* |
| 3. | CONSTRUCTION | *Specify other method for panel erection*  *Specify the tolerances requirements* |
| 4. | MISCELLANEOUS |  |
| 5. | HOLD POINTS |  |
| 6. | TEST PROCEDURES |  |
| 7. | VERIFICATION REQUIREMENTS | *Specify test procedure, test frequency and acceptance limits for select backfill.* |

PART S22 SOIL NAILING

Unless specified below, all works must be undertaken in accordance with Master Specification Part S22 Soil Nailing, Edition Dec 2017.

|  |  |  |
| --- | --- | --- |
| ***Heading*** | ***Title*** | ***Details*** |
| 1. | GENERAL | *Applies*  *Applies (Exceeds with spec information)*  *Does Not Apply* |
| 2. | QUALITY REQUIREMENTS | *Outline any finishes (eg: texture finish on facing)* |
| 3. | MATERIALS |  |
| 4. | INSTALLATION |  |
| 5. | TESTING | *Outline the frequency of any verification tests* |
| 6. | HOLD POINTS |  |
| 7. | VERIFICATION REQUIREMENTS AND RECORDS |  |

PART S24 PRETENSIONED CONCRETE

Unless specified below, all works must be undertaken in accordance with Master Specification Part S24 Pretensioned Concrete, Edition Dec 2017.

|  |  |  |
| --- | --- | --- |
| ***Heading*** | ***Title*** | ***Details*** |
| 1. | GENERAL | *Applies*  *Applies (Exceeds with spec information)*  *Does Not Apply* |
| 2. | QUALITY REQUIREMENTS | *Outline any specific methodologies that need to be employed during any installation processes*  *Provide details of proposed methods for lifting and supporting members if not shown on drawings*  *Outline any trial stressing requirements and testing of grout*  *Highlight any special requirements for permanent bearing installation* |
| 3. | MATERIALS |  |
| 4. | TENSIONING EQUIPMENT |  |
| 5. | SAFETY |  |
| 6. | TENSIONING OF TENDONS | *Specify Tensioning Force Required requirements* |
| 7. | HOLD POINTS |  |
| 8. | VERIFICATION REQUIREMENTS AND RECORDS |  |

PART S25 POST TENSIONED CONCRETE

Unless specified below, all works must be undertaken in accordance with Master Specification Part S25 Post Tensioned Concrete, Edition Dec 2017.

|  |  |  |
| --- | --- | --- |
| ***Heading*** | ***Title*** | ***Details*** |
| 1. | GENERAL | *Applies*  *Applies (Exceeds with spec information)*  *Does Not Apply* |
| 2. | QUALITY REQUIREMENTS | *Outline any specific methodologies that need to be employed during any installation processes* |
| 3. | MATERIALS |  |
| 4. | TENSIONING EQUIPMENT |  |
| 5. | SAFETY |  |
| 6. | TENSIONING OF TENDONS |  |
| 7. | GROUTING |  |
| 8. | TREATMENT OF ANCHORAGES AND COUPLINGS |  |
| 9. | HOLD POINTS |  |
| 10. | VERIFICATION REQUIREMENTS AND RECORDS |  |

PART S26 TRANSPORTATION AND ERECTION OF STRUCTURAL MEMBERS

Unless specified below, all works must be undertaken in accordance with Master Specification Part S26 Transportation and Erection of Structural Members, Edition Dec 2017.

|  |  |  |
| --- | --- | --- |
| ***Heading*** | ***Title*** | ***Details*** |
| 1. | GENERAL | *Applies*  *Applies (Exceeds with spec information)*  *Does Not Apply* |
| 2. | QUALITY REQUIREMENTS | *Outline any specific methodologies that need to be employed during any installation processes* |
| 3. | PROGRAM |  |
| 4. | SURVEY CERTIFICATION |  |
| 5. | TRANSPORTATION |  |
| 6. | ERECTION |  |
| 7. | HOLD POINTS |  |

PART S28 FIBRE REINFORCED POLYMER COMPOSITE STRENGTHENING OF CONCRETE STRUCTURES

Unless specified below, all works must be undertaken in accordance with Master Specification Part S28 Fibre Reinforced Polymer Composite Strengthening of Concrete Structures, Edition Dec 2017.

|  |  |  |
| --- | --- | --- |
| ***Heading*** | ***Title*** | ***Details*** |
| 1. | GENERAL | *Applies*  *Applies (Exceeds with spec information)*  *Does Not Apply* |
| 2. | QUALITY REQUIREMENTS |  |
| 3. | MATERIALS | *Specify the constituent materials*  *Outline the specified maximum and minimum temperature range*  *Outline the manufacturer’s information*  *Specify the Carbon Fibre Laminate requirements*  *Specify the Carbon Fibre Fabric requirements* |
| 4. | SYSTEM INSTALLATION |  |
| 5. | TRIAL SYSTEM APPLICATION | *Outline the trial application requirements in line with project outcomes* |
| 6. | CONTRACTOR COMPETENCY |  |
| 7. | INSPECTION AND TESTING |  |
| 8. | SYSTEM REPAIRS |  |
| 9. | SEALING OF CRACKS |  |
| 10. | APPLICATION OF DECORATIVE / ANTI CARBONATION COATING | *Outline the number of coats and thickness of any decorative/anti-carbonation coatings* |
| 11. | APPLICATION OF ANTI-GRAFFITI COATING | *Outline the requirements for anti-graffiti coating to the works* |
| 12. | PROTECTION OF WORKS AND PROPERTY AND CLEAN UP |  |
| 13. | HOLD POINTS |  |
| 14. | VERIFICATION REQUIREMENTS AND RECORDS |  |

PART S30 FABRICATION STRUCTURAL STEELWORK

Unless specified below, all works must be undertaken in accordance with Master Specification Part S30 Fabrication Structural Steelwork, Edition Dec 2017.

|  |  |  |
| --- | --- | --- |
| ***Heading*** | ***Title*** | ***Details*** |
| 1. | GENERAL | *Applies*  *Applies (Exceeds with spec information)*  *Does Not Apply*  *Specify any additional requirements or modifications required.* |
| 2. | QUALITY REQUIREMENTS |  |
| 3. | MATERIALS |  |
| 4. | NOTICE OF WORK COMMENCEMENT AND PROGRAM |  |
| 5. | FABRICATION | *Outline the trial application requirements in line with project outcomes* |
| 6. | WELDED FABRICATION |  |
| 7. | STEEL CUTTING |  |
| 8. | STUD SHEAR CONNECTORS |  |
| 9. | BOLTED CONNECTIONS |  |
| 10. | HOLDING DOWN BOLTS | *Outline the number of coats and thickness of any decorative/anti-carbonation coatings* |
| 11. | MOCK SET UP | *Outline the requirements for anti-graffiti coating to the works* |
| 12. | DAMAGE |  |
| 13. | HOLD POINTS | *Outline the response time for provision of certification* |
| 14. | VERIFICATION REQUIREMENTS AND RECORDS |  |

PART S35 PROTECTIVE TREATMENT OF STRUCTURAL STEELWORK

Unless specified below, all works must be undertaken in accordance with Master Specification Part S35 Protective Treatment of Structural Steelwork, Edition Dec 2017.

|  |  |  |
| --- | --- | --- |
| ***Heading*** | ***Title*** | ***Details*** |
| 1. | GENERAL | *Applies*  *Applies (Exceeds with spec information)*  *Does Not Apply*  *Outline the details of the protective treatment, including paint type, dry film thickness, finish coat colour, extent of treatment and any special requirements* |
| 2. | QUALITY REQUIREMENTS |  |
| 3. | MATERIALS |  |
| 4. | CONTRACTOR’S PERSONNEL |  |
| 5. | COMMENCEMENT OF WORK |  |
| 6. | SURFACE PREPARATION |  |
| 7. | APPLICATION OF PAINT |  |
| 8. | FILM THICKNESS |  |
| 9. | CONTINUITY TESTING | *Outline if and how continuity testing is to be undertaken* |
| 10. | REPAIR OF PROTECTIVE TREATMENT |  |
| 11. | REPORTING |  |
| 12. | HOLD POINTS |  |
| 13. | VERIFICATION REQUIREMENTS AND RECORDS | *Outline the acceptance limits for the paint application based on the test procedures in Table 13.1 of the Spec* |

PART S36 PROTECTIVE TREATMENT OF STRUCTURAL STEELWORK (PREVIOUSLY COATED)

Unless specified below, all works must be undertaken in accordance with Master Specification Part S36 Protective Treatment of Structural Steelwork (Previously Coated), Edition Dec 2017.

|  |  |  |
| --- | --- | --- |
| ***Heading*** | ***Title*** | ***Details*** |
| 1. | GENERAL | *Applies*  *Applies (Exceeds with spec information)*  *Does Not Apply*  *Outline the following:*   * *Existing protective treatment* * *Service environment* * *Protective treatment to be applied* * *Class of PCCP accreditation required for the contract* * *Any other or special requirements* |
| 2. | QUALITY REQUIREMENTS | * *Outline PCCP Class qualification requirements* |
| 3. | MATERIALS |  |
| 4. | CONTRACTOR’S PERSONNEL |  |
| 5. | PROGRAM AND COMMENCEMENT OF WORK |  |
| 6. | CONTAINMENT REQUIREMENTS |  |
| 7. | ENVIRONMENTAL MANAGEMENT |  |
| 8. | EXISTING PAINT | *Outline any provision of lead levels in existing paint* |
| 9. | SURFACE PREPARATION |  |
| 10. | APPLICATION OF PAINT |  |
| 11. | FILM THICKNESS |  |
| 12. | CONTINUITY TESTING | *Outline if and how continuity testing is to be undertaken* |
| 13. | REPAIR OF PROTECTIVE TREATMENT |  |
| 14. | REPORTING |  |
| 15. | HOLD POINTS | *Outline provision of the results from the test area* |
| 16. | VERIFICATION REQUIREMENTS AND RECORDS | *Outline the acceptance limits for the paint application based on the test procedures in Table 16.1 of the Spec 16* |

PART S37 GALVANIZING

Unless specified below, all works must be undertaken in accordance with Master Specification Part S37 Galvanizing, Edition Dec 2017.

|  |  |  |
| --- | --- | --- |
| ***Heading*** | ***Title*** | ***Details*** |
| 1. | GENERAL | *Applies*  *Applies (Exceeds with spec information)*  *Does Not Apply* |
| 2. | QUALITY REQUIREMENTS |  |
| 3. | DESIGN REQUIREMENTS |  |
| 4. | PRE GALVANIZING INSPECTION |  |
| 5. | POST GALVANIZING REQUIREMENTS |  |
| 6. | RENOVATION OF DAMAGED OR UNCOATED AREAS |  |
| 7. | HOLD POINTS |  |
| 8. | VERIFICATION REQUIREMENTS AND RECORDS |  |

PART S40 BEARINGS

Unless specified below, all works must be undertaken in accordance with Master Specification Part S40 Bearings, Edition Dec 2017.

|  |  |  |
| --- | --- | --- |
| ***Heading*** | ***Title*** | ***Details*** |
| 1. | GENERAL | *Applies*  *Applies (Exceeds with spec information)*  *Does Not Apply* |
| 2. | QUALITY REQUIREMENTS |  |
| 3. | PROPERTIES OF MATERIALS |  |
| 4. | PROTECTIVE TREATMENT OF BEARINGS, FIXING PLATES AND SHIM PLATES |  |
| 5. | INSPECTION OF BEARINGS |  |
| 6. | TESTING OF BEARINGS |  |
| 7. | TEST CERTIFICATES |  |
| 8. | MARKING AND DELIVERY |  |
| 9. | INSTALLATION |  |
| 10. | HOLD POINTS |  |

PART S45 DECK EXPANSION JOINTS

Unless specified below, all works must be undertaken in accordance with Master Specification Part S45 Deck Expansion Joints, Edition Dec 2017.

|  |  |  |
| --- | --- | --- |
| ***Heading*** | ***Title*** | ***Details*** |
| 1. | GENERAL | *Applies*  *Applies (Exceeds with spec information)*  *Does Not Apply* |
| 2. | QUALITY REQUIREMENTS |  |
| 3. | DESIGN |  |
| 4. | MATERIALS |  |
| 5. | JOINT INSTALLATION |  |
| 6. | WARRANTY |  |
| 7. | HOLD POINTS |  |
| 8. | VERIFICATION REQUIREMENTS AND RECORDS |  |

PART S55 BRIDGEWORKS SUNDRIES

Unless specified below, all works must be undertaken in accordance with Master Specification Part S55 Bridgeworks Sundries, Edition Dec 2017.

|  |  |  |
| --- | --- | --- |
| ***Heading*** | ***Title*** | ***Details*** |
| 1. | TRAFFIC AND PEDESTRIAN BARRIERS | *Applies*  *Applies (Exceeds with spec information)*  *Does Not Apply* |
| 2. | MISCELLANEOUS CONCRETE WORK | *Outline any project specific uses of non-structural concrete or concrete that does not have to be supplied in accordance with the drawings or Part CC20 Supply of Concrete* |
| 3. | BRIDGE LIGHTING | *Outline any bridge lighting works which can be undertaken outside of the requirements outlined in Part R50 Supply of Lighting Components and/or Part R52 Installation of Road Lighting.* |
| 4. | PLAQUE |  |
| 5. | HOLD POINTS |  |