

|    |  |                 |             |
|----|--|-----------------|-------------|
| 1  | <b>TABLE OF CONTENTS TECHNICAL SPECIFICATIONS</b>    | <b>(1/2023)</b> |             |
| 2  | <b>VOLUME 2 of 2</b>                                 |                 |             |
| 3  |  |                 |             |
| 4  | Division Project No. <b>22G1X</b>                    |                 |             |
| 5  | Federal Project No. <b>F22AF03713</b>                |                 |             |
| 6  |  |                 | Pages Thru  |
| 7  | <b>TITLE PAGE</b>                                    |                 | 1           |
| 8  | <b>TABLE OF CONTENTS</b>                             |                 | TC-3        |
| 9  |  |                 |             |
| 10 | <b>DIVISION 02 – EXISTING CONDITIONS</b>             |                 |             |
| 11 | Section Title  |                 |             |
| 12 | 02 41 13 Demolition                                  |                 | 02 41 13-4  |
| 13 |  |                 |             |
| 14 | <b>DIVISION 03 – CONCRETE</b>                        |                 |             |
| 15 | Section Title  |                 |             |
| 16 | 03 08 00 Commissioning of Concrete                   |                 | 03 08 00-6  |
| 17 | 03 30 00 Cast-In-Place Concrete                      |                 | 03 30 00-14 |
| 18 |  |                 |             |
| 19 | <b>DIVISION 05 – METALS</b>                          |                 |             |
| 20 | Section Title  |                 |             |
| 21 | 05 12 00 Structural Steel                            |                 | 05 12 00-6  |
| 22 | 05 50 00 Metal Fabrications                          |                 | 05 50 00-3  |
| 23 |  |                 |             |
| 24 | <b>DIVISION 06 – WOOD, PLASTICS AND COMPOSITES</b>   |                 |             |
| 25 | Section Title  |                 |             |
| 26 | 06 10 00 Rough Carpentry                             |                 | 06 10 00-6  |
| 27 | 06 17 53 Shop-Fabricated Wood Trusses                |                 | 06 17 53-5  |
| 28 |  |                 |             |
| 29 | <b>DIVISION 07 – THERMAL AND MOISTURE PROTECTION</b> |                 |             |
| 30 | Section Title  |                 |             |
| 31 | 07 31 13 Asphalt Shingles                            |                 | 07 31 13-15 |
| 32 | 07 46 23 Wood Siding                                 |                 | 07 46 23-3  |
| 33 | 07 61 13 Sheet Metal Roofing                         |                 | 07 61 13-12 |
| 34 | 07 63 00 Sheet Metal Roofing Specialties             |                 | 07 63 00-5  |
| 35 |  |                 |             |
| 36 | <b>DIVISION 08 – OPENINGS</b>                        |                 |             |
| 37 | Section Title  |                 |             |
| 38 | 08 11 13 Hollow Metal Doors and Frames               |                 | 08 11 13-5  |
| 39 | 08 33 25 Coiling Curtain Doors                       |                 | 08 33 25-3  |
| 40 | 08 36 13 Sectional Doors                             |                 | 08 36 13-5  |
| 41 | 08 70 00 Hardware                                    |                 | 08 70 00-6  |
| 42 | 08 91 19 Fixed Louvers                               |                 | 08 91 19-4  |
| 43 |  |                 |             |
| 44 | <b>DIVISION 09 – FINISHES</b>                        |                 |             |
| 45 | Section Title  |                 |             |
| 46 | 09 84 13 Sound Absorbing Panels                      |                 | 09 84 13-1  |
| 47 | 09 91 13 Exterior Painting                           |                 | 09 91 13-4  |
| 48 |  |                 |             |
| 49 | <b>DIVISION 10 – SPECIALTIES</b>                     |                 |             |
| 50 | Section Title  |                 |             |
| 51 | 10 44 13 Fire Protection Cabinets                    |                 | 10 44 13-2  |
| 52 | 10 75 16 Ground Set Flagpoles                        |                 | 10 75 16-2  |
| 53 | 10 91 80 Miscellaneous Specialties                   |                 | 10 91 80-1  |
| 54 |  |                 |             |
| 55 | <b>DIVISION 13 - SPECIAL CONSTRUCTION</b>            |                 |             |
| 56 | Section Title  |                 | Pages Thru  |
| 57 | 13 34 00 Engineered Post Frame Structure             |                 | 13 34 00-9  |

|    |  |  |               |
|----|--|--|---------------|
| 1  | <b>DIVISION 26 – ELECTRICAL</b>                                |  |               |
| 2  | Section  | Title  |               |
| 3  | 26 05 00   | Common Work Results for Electrical                             | 26 05 00-6    |
| 4  | 26 05 19   | Low-Voltage Electrical Power Conductors and Cables             | 26 05 19-4    |
| 5  | 26 05 23   | Control-Voltage Electrical Power Cables                        | 26 05 23-3    |
| 6  | 26 05 26   | Grounding and Bonding for Electrical Systems                   | 26 05 26-5    |
| 7  | 26 05 29   | Hangers and Supports for Electrical Systems                    | 26 05 29-3    |
| 8  | 26 05 33   | Raceway and Boxes for Electrical Systems                       | 26 05 33-11   |
| 9  | 26 05 34   | Underground HDPE Pathways for Electrical Systems               | 26 05 34-5    |
| 10 | 26 05 43   | Underground Ducts and Raceways for Electrical Systems          | 26 05 43-4    |
| 11 | 26 05 53   | Identification for Electrical Systems                          | 26 05 53-3    |
| 12 | 26 05 73   | Short Circuit/Coordination Study and Arc Flash Risk Assessment | 26 05 73-5    |
| 13 | 26 08 00   | Commissioning of Electrical                                    | 26 08 00-51   |
| 14 | 26 09 19   | Enclosed Contactors  | 26 09 19-2    |
| 15 | 26 22 00   | Low-Voltage Transformers                                       | 26 22 00-2    |
| 16 | 26 24 16   | Panelboards  | 26 24 16-4    |
| 17 | 26 27 13   | Electricity Metering   | 26 27 13-5    |
| 18 | 26 27 26   | Wiring Devices   | 26 27 26-4    |
| 19 | 26 27 28   | Disconnect Switches  | 26 27 28-2    |
| 20 | 26 28 13   | Fuses  | 26 28 13-1    |
| 21 | 26 31 00   | Photovoltaic Collectors  | 26 31 00-13   |
| 22 | 26 51 13   | Interior Lighting Fixtures, Lamps, And Ballasts                | 26 51 13-3    |
| 23 | 26 56 29   | Site Lighting  | 26 56 29-6    |
| 24 | 26 82 00   | Electrical Heating Terminal Units                              | 26 82 00-2    |
| 25 |  |  |               |
| 26 | <b>DIVISION 27 – COMMUNICATIONS</b>                            |  |               |
| 27 | Section  | Title  |               |
| 28 | 27 51 16   | Public Address Systems   | 27 51 16-5    |
| 29 |  |  |               |
| 30 | <b>DIVISION 30 – COMMON WORK RESULTS FOR ALL EXTERIOR WORK</b> |  |               |
| 31 | Section  | Title  |               |
| 32 | 30 05 00   | Common Work Results for Exterior Work                          | 30 05 00-5    |
| 33 |  |  |               |
| 34 | <b>DIVISION 31 – EARTHWORK</b>                                 |  |               |
| 35 | Section  | Title  |               |
| 36 | 31 10 00   | Site Clearing  | 31 10 00-2    |
| 37 | 31 13 00   | Selective Tree and Shrub Removal                               | 31 13 00-2    |
| 38 | 31 13 16   | Selective Tee and Shrub Protection and Trimming                | 31 13 16-6    |
| 39 | 31 20 00   | Earthmoving  | 31 20 00-4    |
| 40 | 31 23 16.16  | Structural Excavation for Minor Structures                     | 31 23 16.16-4 |
| 41 | 31 25 00   | Erosion Control  | 31 25 00-4    |
| 42 |  |  |               |
| 43 | <b>DIVISION 32 – EXTERIOR IMPROVEMENTS</b>                     |  |               |
| 44 | Section  | Title  |               |
| 45 | 32 11 23.33  | Dense Graded Base  | 32 11 23.33-3 |
| 46 | 32 12 18   | Poured-In-Place Rubberized Walkway                             | 32 12 18-4    |
| 47 | 32 13 13   | Concrete Paving – Concrete Pavement and Walks                  | 32 13 13-8    |
| 48 | 32 31 29   | Wood Fences and Gates  | 32 31 29-3    |
| 49 | 32 91 13   | Soil Preparation   | 32 91 13-3    |
| 50 | 32 92 19   | Seeding  | 32 92 19-6    |
| 51 |  |  |               |
| 52 | <b>DRAWINGS – Bound Separately</b>                             |  |               |
| 53 | Title  |  | Sheets Thru   |
| 54 |  |  |               |
| 55 | GENERAL  |  |               |
| 56 | TITLE SHEET  |  | T001          |
| 57 |  |  |               |

|    |  |      |
|----|--|------|
| 1  | GENERAL  |      |
| 2  | GENERAL INFORMATION                                | G001 |
| 3  |  |      |
| 4  | CIVIL  |      |
| 5  | EXISTING SITE PLAN                                 | C100 |
| 6  | PROJECT OVERVIEW/ SITE DEMOLITION PLAN             | C110 |
| 7  | OVERALL DEVELOPMENT PLAN                           | C120 |
| 8  | PROPOSED SITE PLAN - 50 YARD RANGE                 | C130 |
| 9  | PROPOSED SITE PLAN - 25 YARD RANGE                 | C140 |
| 10 | PROPOSED SITE PLAN - 100 YARD RANGE                | C150 |
| 11 | DETAILS AND NOTES                                  | C200 |
| 12 |  |      |
| 13 | STRUCTURAL   |      |
| 14 | STRUCTURAL NOTES                                   | S001 |
| 15 | FOUNDATION PLANS                                   | S100 |
| 16 | ROOF FRAMING PLANS                                 | S302 |
| 17 | STRUCTURAL ELEVATIONS                              | S401 |
| 18 | CONCRETE DETAILS                                   | S501 |
| 19 | STEEL DETAILS                                      | S801 |
| 20 | WOOD DETAILS                                       | S901 |
| 21 | WOOD DETAILS                                       | S902 |
| 22 | WOOD DETAILS                                       | S903 |
| 23 |  |      |
| 24 | ARCHITECTURAL                                      |      |
| 25 | FLOOR PLANS AND ELEVATIONS - 50 YARD RANGE         | A201 |
| 26 | FLOOR PLAN AND ELEVATIONS - 25 YRD RANGE           | A202 |
| 27 | FLOOR PLAN AND ELEVATIONS - 100 YARD RANGE         | A203 |
| 28 | FLOOR PLANS AND ELEVATIONS - STORAGE BUILDING      | A204 |
| 29 | FLOOR PLANS AND ELEVATIONS - RESTROOMS             | A205 |
| 30 | BUILDING SECTIONS                                  | A501 |
| 31 |  |      |
| 32 | ELECTRICAL   |      |
| 33 | ELECTRICAL SYMBOLS ABBREVIATIONS AND GENERAL NOTES | E001 |
| 34 | ELECTRICAL SITE DEMOLITION PLAN                    | E100 |
| 35 | ELECTRICAL SITE PLAN                               | E200 |
| 36 | FIRST FLOOR ELECTRICAL PLANS                       | E201 |
| 37 | ROOF ELECTRICAL PLANS                              | E202 |
| 38 | ELECTRICAL SECTIONS/ELEVATIONS                     | E501 |
| 39 | ELECTRICAL ONE-LINE DIAGRAM AND PANEL SCHEDULES    | E701 |
| 40 | ELECTRICAL DETAILS                                 | E801 |
| 41 | ELECTRICAL LIGHTING DETAILS                        | E811 |
| 42 | ELECTRICAL SCHEDULES                               | E911 |
| 43 |  |      |
| 44 |  |      |
| 45 |  |      |
| 46 |  |      |
| 47 | ***  |      |