

1 **TABLE OF CONTENTS TECHNICAL SPECIFICATIONS**
 2 **VOLUME 2 of 2**
 3

4 Division Project No. **15K1F-01**
 5

6	TITLE PAGE	1
7	TABLE OF CONTENTS	TC-3

8
 9 **DIVISION 02 – EXISTING CONDITIONS**

10	Section	Title	
11	02 05 00	Common Work Results for Existing Conditions	02 05 00-4
12	02 22 15	Crack and Damage Survey for Existing Conditions	02 22 15-2
13	02 32 00	GeoTechnical Investigation	02 32 00-33
14	02 41 13	Demolition	02 41 13-4
15	02 92 10	Traffic Control	02 92 10-9
16	02 92 30	Temporary Construction Site Barrier and Gates	02 92 30-5

17
 18 **DIVISION 03 - CONCRETE**

19	Section	Title	
20	03 08 00	Commissioning of Concrete	03 08 00-6
21	03 30 00	Cast-In-Place Concrete	03 30 00-21

22
 23 **DIVISION 05 - METALS**

24	Section	Title	
25	05 50 16	Miscellaneous Metals for Utilities	05 50 16-3

26
 27 **DIVISION 06 – WOOD, PLASTICS AND COMPOSITES**

28	Section	Title	
29	06 74 13	Fiberglass Reinforced Plastic Grating	06 74 13-3

30
 31 **DIVISION 07 - THERMAL AND MOISTURE PROTECTION**

32	Section	Title	
33	07 08 00	Commissioning of Thermal and Moisture Protection	07 08 00-5
34	07 10 16	Waterproofing for Utilities	07 10 16-4

35
 36 **DIVISION 09 - FINISHES**

37	Section	Title	
38	09 91 16	Painting for Utilities	09 91 16-4

39
 40 **DIVISION 23 - HEATING, VENTILATING AND AIR CONDITIONING**

41	Section	Title	
42	23 05 00	Common Work Results for HVAC	23 05 00-4
43	23 05 13	Common Motor Requirements for HVAC Equipment	23 05 13-2
44	23 05 15	Piping Specialties	23 05 15-4
45	23 05 23	General-Duty Valves for HVAC Piping	23 05 23-3
46	23 05 29	Hangers and Supports for HVAC Piping and Equipment	23 05 29-5
47	23 07 00	HVAC Insulation	23 07 00-7
48	23 08 00	Commissioning of HVAC	23 08 00-36
49	23 09 15	Direct Digital Control Input/Output Point Summary Tables	23 09 15-1
50	23 09 24	Direct Digital Control System for HVAC (Informational Purposes Only)	23 09 24- 4
51	23 15 13	Utility Compressed Air Piping	23 15 13-7
52	23 22 13	Steam and Condensate Heating and Sump Pump Discharge	23 22 13-8
53	23 25 00	HVAC Water Treatment	23 25 00-3
54	23 30 16	Sump Pumps for Utilities	23 30 16-2
55	23 31 00	HVAC Ducts and Casings	23 31 00-3

56
 57 **DIVISION 26 - ELECTRICAL**

58	Section	Title	
59	26 05 00	Common Work Results for Electrical	26 05 00-7

1	26 05 02	Electrical Demolition for Remodeling	26 05 02-3
2	26 05 04	Cleaning, Inspection and Testing of Electrical Equipment	26 05 04-2
3	26 05 19	Low-Voltage Electrical Power Conductors and Cables	26 05 19-4
4	26 05 23	Control-Voltage Electrical Power Cables	26 05 23-3
5	26 05 26	Grounding and Bonding for Electrical Systems	26 05 26-3
6	26 05 29	Hangers and Supports for Electrical Systems	26 05 29-3
7	26 05 33	Raceway and Boxes for Electrical Systems	26 05 33-6
8	26 05 53	Identification for Electrical Systems	26 05 53-3
9	26 08 00	Commissioning of Electrical	26 08 00-22
10	26 24 16	Panelboards	26 24 16-3
11	26 27 02	Equipment Wiring Systems	26 27 02-2
12	26 27 26	Wiring Devices	26 27 26-3
13	26 51 13	Interior Lighting Fixtures, Lamps, And Ballasts	26 51 13-4
14			
15	DIVISION 30 – COMMON WORK RESULTS FOR ALL EXTERIOR WORK		
16	Section	Title	
17	30 05 00	Common Work Results for All Exterior Work	30 05 00-5
18			
19	DIVISION 31 - EARTHWORK		
20	Section	Title	
21	31 10 00	Site Clearing	31 10 00-2
22	31 13 00	Selective Tree and Shrub Removal and Transplanting	31 13 00-4
23	31 13 16	Selective Tree and Shrub Protection and Trimming	31 13 16-7
24	31 20 00	Earthmoving	31 20 00-6
25	31 22 16.15	Roadway Subgrade Preparation	31 22 16.15-4
26	31 23 16.13	Trenching	31 23 16.13-9
27	31 23 16.16	Structural Excavation for Minor Structures	31 23 16.16-4
28	31 23 19	Dewatering	31 23 19-3
29	31 25 00	Erosion Control	31 25 00-4
30	31 41 16	Sheet Piling	31 41 16-5
31			
32	DIVISION 32 – EXTERIOR IMPROVEMENTS		
33	Section	Title	
34	32 11 23.33	Dense Graded Base	32 11 23.33-3
35	32 12 16.13	Plant Mix Asphalt Paving	32 12 16.13-3
36	32 13 13	Concrete Paving	32 13 13-2
37	32 17 23	Pavement Markings	32 17 23-2
38	32 91 13	Soil Preparation	32 91 13-3
39	32 92 00	Plants	32 92 00-9
40	32 92 23	Sodding	32 92 23-6
41			
42	DIVISION 33 – UTILITIES		
43	Section	Title	
44	33 05 23.16	Pipe Jacking	33 05 23.16-4
45	33 08 00	Commissioning of Utilities	33 08 00-22
46	33 11 00	Water Utility Distribution Piping	33 11 00-9
47	33 40 00	Storm Drainage Utilities	33 40 00-8
48	33 63 05	Prestressed Concrete Pipe Conduits	33 63 05-4
49	33 65 00	Thermal Utilities	33 65 00-3
50			
51	DRAWINGS - Bound Separately		
52	Title		Sheets Thru
53	Title Sheet		T-
54	Cover Sheet and Drawing Index		T000
55			
56	Civil		C-
57	Civil Symbols and Abbreviations		C001
58	Civil General Notes		C002
59	Project General Description and Phasing Plan		C003

1	Survey Control and Benchmark Plan	C010
2	Erosion Control Plan	C030
3	General Traffic Control Notes	C040
4	Traffic Control Plan	C041
5	Existing Site Plan	C050
6	Site Surface Demolition and Removal Plan	C100
7	Site Restoration Plan	C110
8	Steam Pit 3-13 Demolition Plan and Section	C210
9	Steam Pit 4-13 Demolition Plan and Section	C211
10	Storm Sewer Plan	C500
11	Plan and Profile – Steam Bore Tunnel Steam Pit 3-13 to Steam Pit 4-13	C550
12	New Steam Pit 3-13	C600
13	New Steam Pit 3-13	C601
14	New Steam Pit 3-13	C602
15	New Steam Pit 3-13 Section	C603
16	New Steam Pit 3-13 Section	C604
17	New Steam Pit 4-13	C605
18	New Steam Pit 4-13	C606
19	New Steam Pit 4-13	C607
20	New Steam Pit 4-13 Section	C608
21	New Steam Pit 4-13 Section	C609
22	Civil Details	C800
23	Civil Details	C801
24	Civil Details	C802
25	Structural Details	C810
26	Structural Details	C811
27	Structural Details	C812
28	Structural Details	C813
29	Details	C820
30	Pavement Marking Plan	C900
31		
32	Heating, Ventilating and Air Conditioning	M-
33	Mechanical Symbols and Abbreviations	M000
34	Steam Pit 3-13 Mechanical Demolition Plan	M300
35	Steam Pit 4-13 Mechanical Demolition Plan	M301
36	Mechanical New Work Site Plan	M400
37	Existing & New Steam Pit 3-13 Floor Plan	M600
38	Existing & New Steam Pit 3-13 Section	M601
39	Existing & New Steam Pit 4-13 Floor Plan	M602
40	Existing & New Steam Pit 4-13 Section	M603
41	General Details and Schedules	M800
42	Details and Sections	M810
43		
44	Electrical	E-
45	Electrical Symbols and Abbreviations	E000
46	Electrical New Work Plan	E400
47	Electrical Area Plan	E401
48	Existing & New Steam Pit 3-13 Floor Plan	E600
49	Existing & New Steam Pit 4-13 Floor Plan	E602
50	New Steam Tunnel Floor Plan	E605
51	Merit House Floor Plan	E610
52	Electrical Schedules and Details	E900
53		
54		
55		