1	TABLE O	F CONTENTS TECHNICAL SPECIFICATIONS (10/2022)	
2	VOLUME	2 of 2	
3	Dissision D	initiate Nation 22 A 2Nd	
4 5	Division Pr	roject No. 22A2M	Pages Thru
6	TITLE PA	GE	1
7		F CONTENTS	TC-3
8			
9		02 – EXISTING CONDITIONS	
10	Section	Title	
11	02 05 00	Common Work Results for Existing Conditions	3
12	02 41 13	Demolition	3
13	DIVICION		
14 15	Section Section	Title	
16	03 08 00		6
17	03 08 00	Commissioning of Concrete Cast-In-Place Concrete	7
18	03 30 00	Cast-III-1 face Concrete	,
19	DIVISION	V 05 – METALS	
20	Section	Title	
21	05 10 00	Structural Metal Framing	4
22			
23	DIVISION	07 - THERMAL AND MOISTURE PROTECTION	
24	Section	Title	
25	07 84 00	Fire Stopping	9
26			
27		1 09 – FINISHES	
28	Section	Title	
29	09 91 16	Painting for Piping	3
30			
31		22 - PLUMBING	
32	Section	Title	-
33	22 05 00	Common Work Results for Plumbing	5
34	22 05 14	Plumbing Specialties	2
35 36	22 05 29 22 07 00	Hangers and Supports for Plumbing Piping and Equipment	5 5
37	22 07 00	Plumbing Insulation Facility Sanitary Sewerage	5
38	22 13 00	racinty Saintary Sewerage	3
39	DIVISION	23 - HEATING, VENTILATING AND AIR CONDITIONING	
40	Section	Title	
41	23 05 00	Common Work Results for HVAC	6
42	23 05 13	Common Motor Requirements for HVAC Equipment	4
43	23 05 14	Variable Frequency Drives	5
44	23 05 15	Piping Specialties	5
45	23 05 23	General Duty Valves for HVAC	5
46	23 05 29	Hangers and Supports for HVAC Piping and Equipment	4
47	23 05 48	Vibration and Seismic Controls for HVAC Piping and Equipment	2
48	23 05 93	Testing, Adjusting and Balancing for HVAC	5
49	23 07 00	HVAC Insulation	7
50	23 08 00	Commissioning of HVAC	70
51	23 09 10	Instrument and Controls HMI	11
52 52	23 09 14	Pneumatic and Electric Instrumentation and Controls Devices for HVAC	14
53 54	23 11 00	Facility Fuel Piping	7
54 55	23 21 13	Hydronic Piping	11
55 56	23 21 23 23 25 00	Hydronic Pumps HVAC Water Treatment	4
50 57	23 23 00	Water Softeners	3

1	23 51 00	Breechings, Chimneys and Stacks	4			
2	23 52 00	Heating Boilers	8			
3	23 55 52	Burner Management System and Combustion Control System	7			
4	25 55 52 Burner (vialitagement bystem and combustion condor bystem					
5	DIVISION 26 - ELECTRICAL					
6	Section	Title				
7	26 05 00	Common Work Results for Electrical	6			
8	26 05 02	Electrical Demolition for Remodeling	2			
9	26 05 04	Cleaning, Inspection and Testing of Electrical Equipment	3			
10	26 05 19	Low-Voltage Electrical Power Conductors and Cables	5			
11	26 05 23	Control-Voltage Electrical Power Cables	2			
12	26 05 26	Grounding and Bonding for Electrical Systems	4			
13	26 05 29	Hangers and Supports for Electrical Systems	3			
14	26 05 33	Raceway and Boxes for Electrical Systems	7			
15	26 05 53	Identification for Electrical Systems	4			
16	26 05 73	Short Circuit/Coordination Study and Arc Flash Risk Assessment	6			
17	26 08 00	Commissioning of Electrical	24			
18	26 09 19	Enclosed Contactors	2			
19	26 27 02	Equipment Wiring Systems	3			
20	26 27 26	Wiring Devices	3			
21	26 27 28	Disconnect Switches	2			
22	26 28 13	Fuses	1			
23	26 28 16	Enclosed Switches and Circuit Breakers	2			
24	26 29 00	Low-Voltage Controllers	4			
25 26		Lightning Protection for Buildings Interior Lighting Figures Lamps and Ballacts	3 5			
26 27	26 51 13	Interior Lighting Fixtures, Lamps and Ballasts	3			
28	DDAWING	S – Bound Separately				
29	Title	5 – Dound Separatery	Sheets Thru			
30	Title Sheet		T001			
	Construction Phasing					
31	Construction	Phasing				
31 32	Construction	Phasing	T002			
31 32 33		Phasing Phase II Demolition Plans				
32	Phase I and I		T002			
32 33	Phase I and I	Phase II Demolition Plans	T002 S101			
32 33 34	Phase I and I Phase I and I Phase I and I	Phase II Demolition Plans Phase II Concrete Plans	T002 S101 S111			
32 33 34 35	Phase I and I Phase I and I Phase I and I	Phase II Demolition Plans Phase II Concrete Plans Phase II Pipe Support Framing Plans Phase II Roof Framing Plans	T002 S101 S111 S112			
32 33 34 35 36	Phase I and I Phase I and I Phase I and I Phase I and I	Phase II Demolition Plans Phase II Concrete Plans Phase II Pipe Support Framing Plans Phase II Roof Framing Plans	T002 S101 S111 S112 S113			
32 33 34 35 36 37	Phase I and I Phase I and I Phase I and I Phase I and I Pipe Rack El	Phase II Demolition Plans Phase II Concrete Plans Phase II Pipe Support Framing Plans Phase II Roof Framing Plans levations Symbols and Abbreviations	T002 S101 S111 S112 S113			
32 33 34 35 36 37 38	Phase I and I Phase I and I Phase I and I Phase I and I Pipe Rack El	Phase II Demolition Plans Phase II Concrete Plans Phase II Pipe Support Framing Plans Phase II Roof Framing Plans Personal Plans Phase II Roof Framing Plans	T002 S101 S111 S112 S113 S311			
32 33 34 35 36 37 38 39 40 41	Phase I and I Phase I and I Phase I and I Phase I and I Pipe Rack El Mechanical S Mechanical I	Phase II Demolition Plans Phase II Concrete Plans Phase II Pipe Support Framing Plans Phase II Roof Framing Plans levations Symbols and Abbreviations	T002 S101 S111 S112 S113 S311 M001			
32 33 34 35 36 37 38 39 40 41 42	Phase I and I Phase I and I Phase I and I Phase I and I Pipe Rack El Mechanical I Mechanical I Mechanical I	Phase II Demolition Plans Phase II Concrete Plans Phase II Pipe Support Framing Plans Phase II Roof Framing Plans Pevations Symbols and Abbreviations Demolition Phase I Demolition Phase II Piping Plans Phase I	T002 S101 S111 S112 S113 S311 M001 M101 M102 M111			
32 33 34 35 36 37 38 39 40 41 42 43	Phase I and I Phase I and I Phase I and I Phase I and I Pipe Rack El Mechanical I Mechanical I Mechanical I Mechanical I	Phase II Demolition Plans Phase II Concrete Plans Phase II Pipe Support Framing Plans Phase II Roof Framing Plans Phase II Roof Framing Plans Plans Plans II Pipe Support Framing Plans Plans II Piping Plans Phase II Piping Plans Phase II	T002 S101 S111 S112 S113 S311 M001 M101 M102 M111 M112			
32 33 34 35 36 37 38 39 40 41 42 43 44	Phase I and I Phase I and I Phase I and I Phase I and I Pipe Rack El Mechanical I Mechanical I Mechanical I Mechanical I Instrumentat	Phase II Demolition Plans Phase II Concrete Plans Phase II Pipe Support Framing Plans Phase II Roof Framing Plans Pevations Symbols and Abbreviations Demolition Phase I Demolition Phase II Piping Plans Phase I Piping Plans Phase II Piping Plans Phase II Piping Plans Phase II Piping Plans Phase II	T002 S101 S111 S112 S113 S311 M001 M101 M102 M111 M112 M113			
32 33 34 35 36 37 38 39 40 41 42 43 44 45	Phase I and I Phase I and I Phase I and I Phase I and I Pipe Rack El Mechanical I Mechanical I Mechanical I Mechanical I Instrumentat Mechanical I	Phase II Demolition Plans Phase II Concrete Plans Phase II Pipe Support Framing Plans Phase II Roof Framing Plans Pevations Symbols and Abbreviations Demolition Phase I Demolition Phase II Piping Plans Phase I Piping Plans Phase II Piping Elevations and Sections Phase I	T002 S101 S111 S112 S113 S311 M001 M101 M102 M111 M112 M113 M311			
32 33 34 35 36 37 38 39 40 41 42 43 44 45 46	Phase I and I Phase I and I Phase I and I Phase I and I Pipe Rack El Mechanical I Mechanical I Mechanical I Mechanical I Instrumentat Mechanical I Mechanical I	Phase II Demolition Plans Phase II Concrete Plans Phase II Pipe Support Framing Plans Phase II Roof Framing Plans Phase II Roof Framing Plans Pevations Symbols and Abbreviations Demolition Phase I Demolition Phase II Piping Plans Phase II Piping Plans Phase II Piping Plans Phase II Piping Plans Phase II Piping Elevations and Sections Phase I Piping Elevations and Sections Phase II	T002 S101 S111 S112 S113 S311 M001 M101 M102 M111 M112 M113 M311 M312			
32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47	Phase I and I Mechanical I Mechanical I Mechanical I Mechanical I Instrumentat Mechanical I Mechanical I Mechanical I Mechanical I Mechanical I	Phase II Demolition Plans Phase II Concrete Plans Phase II Pipe Support Framing Plans Phase II Roof Framing Plans Phase II Roof Framing Plans Pevations Symbols and Abbreviations Demolition Phase I Demolition Phase II Piping Plans Phase I Piping Plans Phase II Piping Plans Phase II Piping Elevations and Sections Phase I Piping Elevations and Sections Phase II Details	T002 S101 S111 S112 S113 S311 M001 M101 M102 M111 M112 M113 M311 M312 M501			
32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48	Phase I and I Mechanical I Piping School	Phase II Demolition Plans Phase II Concrete Plans Phase II Pipe Support Framing Plans Phase II Roof Framing Plans Phase II Roof Framing Plans Pevations Symbols and Abbreviations Demolition Phase I Demolition Phase II Piping Plans Phase I Piping Plans Phase II Piping Plans Phase II Piping Elevations and Sections Phase I Piping Elevations and Sections Phase II Details Plules	T002 S101 S111 S112 S113 S311 M001 M101 M102 M111 M112 M113 M311 M312 M501 M601			
32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49	Phase I and I Mechanical I Mechanical I Mechanical I Mechanical I Mechanical I Mechanical I Piping Scheo Instrumentat	Phase II Demolition Plans Phase II Concrete Plans Phase II Pipe Support Framing Plans Phase II Roof Framing Plans Phase II Roof Framing Plans Pevations Symbols and Abbreviations Demolition Phase I Demolition Phase II Piping Plans Phase I Piping Plans Phase II Piping Plans Phase II Piping Elevations and Sections Phase I Piping Elevations and Sections Phase II Details Plules Pion Schedules	T002 S101 S111 S112 S113 S311 M001 M101 M102 M111 M112 M113 M311 M312 M501 M601 M602			
32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50	Phase I and I Pipe Rack E Mechanical I Piping Scheo Instrumentat Instrumentat Instrumentat	Phase II Demolition Plans Phase II Concrete Plans Phase II Pipe Support Framing Plans Phase II Roof Framing Plans Phase II Roof Framing Plans Pevations Symbols and Abbreviations Demolition Phase I Demolition Phase II Piping Plans Phase I Piping Plans Phase II Piping Plans Phase II Piping Elevations and Sections Phase I Piping Elevations and Sections Phase II Details Plules Pion Schedules Pion Schedules	T002 S101 S111 S112 S113 S311 M001 M101 M102 M111 M112 M113 M311 M312 M501 M601 M602 M603			
32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51	Phase I and I Phase I and I Phase I and I Phase I and I Pipe Rack El Mechanical I Mechanical I Instrumentat Mechanical I Piping School Instrumentat Instrumentat Piping & Ins	Phase II Demolition Plans Phase II Concrete Plans Phase II Pipe Support Framing Plans Phase II Roof Framing Plans Phase II Roof Framing Plans Phase II Roof Framing Plans Pevations Symbols and Abbreviations Demolition Phase I Demolition Phase II Piping Plans Phase II Piping Plans Phase II Piping Plans Phase II Piping Plans Phase II Piping Elevations and Sections Phase I Piping Elevations and Sections Phase II Details Plules Pion Schedules Plugaram -Demolition Phase I	T002 S101 S111 S112 S113 S311 M001 M101 M102 M111 M112 M113 M311 M312 M501 M601 M602 M603 M701			
32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52	Phase I and I Pipe Rack E Mechanical I Mechanical I Mechanical I Instrumentat Mechanical I Mechanical I Piping Scheo Instrumentat Instrumentat Piping & Ins Piping & Ins	Phase II Demolition Plans Phase II Concrete Plans Phase II Pipe Support Framing Plans Phase II Roof Framing Plans Phase II Roof Framing Plans Phase II Roof Framing Plans Pevations Symbols and Abbreviations Demolition Phase I Demolition Phase II Piping Plans Phase II Piping Plans Phase II Piping Plans Phase II Piping Elevations and Sections Phase I Piping Elevations and Sections Phase II Details Pulles Pion Schedules Pion Schedules Pion Schedules Pion Schedules Pion Schedules Pion Schedules Phase II Piping Elevations Phase II	T002 S101 S111 S112 S113 S311 M001 M101 M102 M111 M112 M113 M311 M312 M501 M601 M602 M603 M701 M702			
32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53	Phase I and I Pipe Rack El Mechanical I Mechanical I Mechanical I Mechanical I Mechanical I Piping Scheo Instrumentat Instrumentat Piping & Ins Piping & Ins Piping & Ins	Phase II Demolition Plans Phase II Concrete Plans Phase II Pipe Support Framing Plans Phase II Roof Framing Plans Phase II Roof Framing Plans Phase II Roof Framing Plans Personal Roof Framing Plans Personal Roof Plans Piping Plans Phase II Piping Plans Phase II Piping Plans Phase II Piping Plans Phase II Piping Elevations and Sections Phase I Piping Elevations and Sections Phase II Piping Elevations and Sections Phase II Poetails P	T002 S101 S111 S112 S113 S311 M001 M101 M102 M111 M112 M113 M311 M312 M501 M601 M602 M603 M701 M702 M711			
32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54	Phase I and I Pipe Rack El Mechanical I Mechanical I Mechanical I Mechanical I Mechanical I Instrumentat Mechanical I Piping Scheol Instrumentat Instrumentat Instrumentat Piping & Ins Piping & Ins Piping & Ins Piping & Ins	Phase II Demolition Plans Phase II Concrete Plans Phase II Pipe Support Framing Plans Phase II Roof Framing Plans Phase II Roof Framing Plans Phase II Roof Framing Plans Pevations Symbols and Abbreviations Demolition Phase I Demolition Phase I Piping Plans Phase I Piping Plans Phase II Piping Plans Phase II Piping Elevations and Sections Phase I Piping Elevations and Sections Phase II Details Plules Pion Schedules Phase II Details Phase II Piping Elevation Diagram - Demolition Phase I Phase II	T002 S101 S111 S112 S113 S311 M001 M101 M102 M111 M112 M113 M311 M312 M501 M601 M602 M603 M701 M702 M711 M712			
32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55	Phase I and I Pipe Rack El Mechanical I Piping Scheol Instrumentat Instrumentat Instrumentat Piping & Ins Piping & In	Phase II Demolition Plans Phase II Concrete Plans Phase II Pipe Support Framing Plans Phase II Roof Framing Plans Personal Roof Plans Piping Plans Phase I Piping Plans Phase II Piping Plans Phase II Piping Plans Phase II Piping Elevations and Sections Phase I Piping Elevations and Sections Phase II Piping Elevation Diagram - Demolition Phase II Pitrumentation Diagram - Boiler No. 1 Pitrumentation Diagram - Boiler No. 2 Pitrumentation Diagram - Boiler No. 2 Pitrumentation Diagram - Boiler No. 3	T002 S101 S111 S112 S113 S311 M001 M101 M102 M111 M112 M113 M311 M312 M501 M601 M602 M603 M701 M702 M711 M712 M713			
32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54	Phase I and I Pipe Rack El Mechanical I Piping Scheol Instrumentat Instrumentat Instrumentat Piping & Ins	Phase II Demolition Plans Phase II Concrete Plans Phase II Pipe Support Framing Plans Phase II Roof Framing Plans Phase II Roof Framing Plans Phase II Roof Framing Plans Pevations Symbols and Abbreviations Demolition Phase I Demolition Phase I Piping Plans Phase I Piping Plans Phase II Piping Plans Phase II Piping Elevations and Sections Phase I Piping Elevations and Sections Phase II Details Plules Pion Schedules Phase II Details Phase II Piping Elevation Diagram - Demolition Phase I Phase II	T002 S101 S111 S112 S113 S311 M001 M101 M102 M111 M112 M113 M311 M312 M501 M601 M602 M603 M701 M702 M711 M712			

1			
2	Plumbing Plan Phase I	P111	
3			
4	Electrical Symbology & Abbreviations	E002	
5	Electrical One Line Demolition	E201	
6	Electrical One Line Installation	E202	
7	Electrical Power Plan	E301	
8	Electrical Power Plan	E302	
9	Electrical Demolition Plan Phase I	E401	
10	Electrical Demolition Plans Phase II	E402	
11	Electrical Power Plan Phase I	E403	
12	Electrical Power Plan Phase II	E404	
13	Electrical Schedules – Demolition	E901	
14	Electrical Schedules	E902	
15			
16		***	