

EXHIBIT A
DESIGN DELIVERABLE TABLE

324 Disposition Project
Contract Requisition #: 389158

Revision Number: 0

Date: March 2026

1. SUMMARY

The table listed below, which outlines required drawing types, calculations, and reports, applies to the tasks identified in Contract Requisition 389158 Statement of Work (SOW) for the 324 Disposition Project. These deliverables are intended to support project execution, verification, and documentation during the design phases. Refer to SOW Section 01350, “Design Processes” for additional information on design output required content and format.

The Buyer and Contractor reserve the right to further define, clarify, or adjust the specific requirements needed for each task, ensuring that all deliverables align with project objectives, regulatory standards, and operational needs. Additional details regarding exact content, format, or scope of each item may be determined collaboratively during project planning and execution.

Table 1-1 DESIGN DELIVERABLE LIST				
Item/Deliverable	Discipline *	Task 1 (30%) Conceptual Design	Task 2 (60%) Preliminary Design	Task 3 (90%) Final Design
Architectural Drawings <ul style="list-style-type: none"> Plans, elevations, sections 	A	Initiate concept	Develop drawings to assist with specification development	Finalize
Civil Calculations <ul style="list-style-type: none"> Cut/Fill Excavation/Shoring Grading Stormwater 	C	Initial calculations in support of project baseline estimate and conceptual design report.	Refine calculations in support of major site contract packages (excavation/backfill, grading, stormwater)	Finalize
Transportation Calculations <ul style="list-style-type: none"> Roadway Updates Abnormal Transport 	C/S		Initiate	Finalize
Civil Drawings <ul style="list-style-type: none"> Foundation layout Grading Roadways Stormwater Site & Plot Plan 	C	Initiate	Develop drawings with adequate detail so that procurement and installation specifications can be completed.	Finalize
Geotechnical Reports	GEO	Initiate	Finalize	

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Structural Concrete Drawings <ul style="list-style-type: none"> • Slabs/Sidewalk/ Walls, etc. • Plans, Elevations, Sections • Rebar 	S		Initiate	Finalize
Structural Concrete Calculations <ul style="list-style-type: none"> • Slabs/Walls • Footings • Anchors 	S		Initiate	Finalize
Structural Steel Drawings <ul style="list-style-type: none"> • Building elements (beams, trusses, columns, etc.) • Welds/Fasteners • Plans, Elevations, Sections 	S	Conceptual documents with adequate detail to develop project baseline estimate and conceptual design support.	Refine documents to support specifications and contract for structural steel.	Finalize
Structural Steel Calculations <ul style="list-style-type: none"> • Building elements • Welds/fasteners 	S		Initiate	Finalize
Misc. Structural Drawings <ul style="list-style-type: none"> • Grating, Stairs, Handrails • Mechanical & Electrical Supports • Waste Containers • Plans, Sections, Details 	S		Initiate	Finalize
Misc. Structural Calculations <ul style="list-style-type: none"> • General • Welds/Fasteners • Waste containers 	S		Initiate	Finalize

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<ul style="list-style-type: none"> • Mechanical Supports (HVAC/Piping) • Electrical & Instrumentation Supports (panels, racks, etc.) 				
H&R Drawings <ul style="list-style-type: none"> • Crane layout • Lifters • Rigging layouts • Plans, Sections, Details 	S		Initiate	Finalize
H&R Calculations <ul style="list-style-type: none"> • Lifters • Crane outrigger loading, soil bearing • Mat design 	S		Initiate	Finalize
Demolition Drawings <ul style="list-style-type: none"> • Techniques (Plans, Details, Sections) 	S/M	Conceptual documents with adequate detail to develop project baseline estimate and conceptual design support.	Refine documents to support specifications.	Finalize
Demolition Calculations & Reports <ul style="list-style-type: none"> • Facility demolition techniques 	S/M		Initiate	Finalize
Electrical Drawings and Calculations (Primary) <ul style="list-style-type: none"> • Single/One line diagram • Electrical Equipment Sizing 	E	Initiate, major components of the distribution system	Refine	Finalize

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Electrical Drawings (Secondary) <ul style="list-style-type: none"> • Cable Schedule • Communication • Lighting • Grounding • Heat tracing • Interconnection/ Wiring diagrams • Panel Schedules • Schematic diagram • Raceway layout 	E		Initiate	Finalize
Electrical Calculations (Secondary) <ul style="list-style-type: none"> • Conduit/Wiring Sizing • Arc flash • Lighting 	E		Initiate	Finalize
Instrumentation Drawings (Primary) <ul style="list-style-type: none"> • Control room layout • Instrument location / detail • Racks details/layout 	I	Initiate	Refine	Finalize
Instrumentation Drawings (Secondary) <ul style="list-style-type: none"> • Control panel • Logic & loop diagram • Instrument index • Set point index • System block diagram 	I		Initiate	Finalize

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Instrumentation Reports <ul style="list-style-type: none"> • Control Narrative • Setpoint • Instrument Datasheets 	I		Initiation to include instrument tag numbers, P&IDs, instrument type, location, interlocks, and system interaction.	Finalize
Fire Protection – Reports <ul style="list-style-type: none"> • Description of Major Building Construction/D4 preparation • Description of Occupancy/ Operation • Description of Support Buildings and Structures • Description of Mat'l/Waste Handling, packaging, storage, and transfer/transport area • Equipment Description 	F	Initiate	Refine	Finalize
Fire Protection - <ul style="list-style-type: none"> • FPDA (automatic/manual, passive, Special conditions, equivalency/exemption justification) • Life Safety Analysis 	F	Initiate	Refine	Finalize
Fire Protection – Passive & Active Systems, conceptual drawings, calc's, and specifications	F	Initiate	Refine	Finalize
Mechanical (HVAC/Piping/Equip.) Drawings (Primary) <ul style="list-style-type: none"> • PFD 	M	Initiate	Refine	Finalize

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<ul style="list-style-type: none"> • P&ID • General Arrangement • Valve List • Equipment List 				
Mechanical (HVAC/Piping/Equip.) Calculations (Primary) <ul style="list-style-type: none"> • Equipment Sizing analysis • Hydraulic Analysis 	M	Calculations sufficient to support mechanical component sizing in P&ID and general arrangement.	Further develop calculations to support preliminary P&IDs.	Finalize
Mechanical (HVAC/Piping/Equip.) Drawings (Secondary) <ul style="list-style-type: none"> • Piping/Duct layout • Equipment • Supports • Isometrics, Plans, Elevations, Sections, Details 	M		Initiate	Finalize
Mechanical (HVAC/Piping/Equip.) Calculations (Secondary) <ul style="list-style-type: none"> • Piping Stress Analysis • Thermal analysis • HEPA Filter Analysis 	M		Initiate	Finalize
Radiological Calculations <ul style="list-style-type: none"> • Shielding Analysis • ALARA analysis • Airborne Contamination Dispersion Analysis • Waste Container analysis 	R/M/S	Initiate	Refine	Finalize

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3D Model	G	Overall conceptual design with major equipment shown to define space requirements and quantities for estimating.	Refine to include design information as design evolves. Produce parts lists, equipment schedules, quantity reports and drawings.	Finalize
Long Lead Procurement List	G	Initiate	Refine	Finalize
Specifications <ul style="list-style-type: none"> • Building Specification • Construction Specification • Fabrication Specification • Equipment/ Procurement Specification 	G		Initiate	Finalize
Time & Motion Study	G	Initiate analysis for process requirements and rates for project operations, equipment types used.	Refine	Finalize
Failure Modes Analysis	G	Initiate analysis for failure modes to identify potential single point failures, and whether redundancies are required to ensure reliability over the design life.	Refine	Finalize
Product Data (Vendor) <ul style="list-style-type: none"> • Equipment Specifications and drawings • Datasheets 	G	Initiate	Refine	Finalize

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Operations & Maintenance Manuals <ul style="list-style-type: none"> • Instrumentation • Control systems • Electrical equipment • Mechanical Equipment • Retrieval equipment 	G			Initiate and Complete
Testing Requirements Matrix <ul style="list-style-type: none"> • Construction acceptance testing • Fabrication testing 	G			Initiate and Complete
Design Requirements Compliance Matrix	G		Initiate	Complete
Conceptual Design Report (CDR) <ul style="list-style-type: none"> • Task 1 column design deliverables 	G	Initiate and complete.		
Preliminary Design Report (PDR) <ul style="list-style-type: none"> • Task 2 column design deliverables 	G		Initiate and complete.	
Final Design Report (FDR) <ul style="list-style-type: none"> • Task 3 column design deliverables 	G			Initiate and complete.

* Discipline Key:

Identifier	Description
A	Architectural
C	Civil Engineering
E	Electrical Engineering
F	Fire Protection
G	General
GEO	Geotechnical Engineering
I	Instrument & Controls Engineering
M	Mechanical Engineering
R	Radiological Control Engineering
S	Structural Engineering